



ABSTRACT

This report discusses the total ionizing dose (TID) parametric results for TPS7H3024-SP, 3V to 14V, four-channel radiation-hardness-assured power-supply supervisor with watchdog. The study was done to determine the TID effects under high dose rate (HDR) up to 100krad(Si). The results show that all samples passed within the specified limits up to 100krad(Si).

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1 Device Information

1.1 Product Description

The TPS7H3024-SP is an integrated, 3V to 14V, four-channel radiation-hardness-assured power-supply supervisor with watchdog. An accurate 599mV $\pm 1\%$ threshold voltage and a 24 μ A $\pm 3\%$ hysteresis current provide programmable monitoring voltages. A programmable delay time is globally programmed via a single resistor. In addition a PWRGD output is provided to monitor the global power tree status. The device also incorporates a positive edge detection watchdog timer to monitor an external processor for coherent execution. External faults can be propagated to the system by using the SR_UVLO input.

The TPS7H3024-SP is packaged in a 22-pin CFP (ceramic flat package) package. A standard microcircuit drawing (SMD) is available for the QML variant, 5962R2420601VXC.

1.2 Device Details

Table 1-1 lists the device information used in this TID HDR characterization.

Table 1-1. Device and Exposure Details

TID Exposure Details	
TI Device	TPS7H3024-SP
TI Part Name	5962R2420601VXC
Package	22-pin CFP (HFT)
Technology	LBC7
Quantity Tested	53
Lot Accept/Reject	All levels tested and passed up to 100krad(Si)
HDR Radiation Facility	Texas Instruments, Dallas, TX
HDR Dose Level	3krad(Si), 10krad(Si), 30krad(Si), 50krad(Si), 100krad(Si)
HDR Dose Rate	163.7473 rads(Si)/s
HDR Radiation Source	Gammacell (Hopewell, GR420) Co-60
Irradiation Temperature	Ambient room temperature



Figure 1-1. TPS7H3024-SP Device

2.4 Test Configuration and Condition

HDR devices were stressed at 3krad(Si), 10krad(Si), 30krad(Si), 50krad(Si), and 100krad(Si) for biased and unbiased conditions.

Table 2-1. HDR: 50krad(Si) to 100krad(Si)/s Biased Device Information

Total Samples: 6					
Exposure Levels					
Control	3krad(Si)	10krad(Si)	30krad(Si)	50krad(Si)	100krad(Si)
300, 301, 302	303, 304, 305, 306, 307	313, 314, 315, 316, 317	323, 324, 325, 326, 327	333, 334, 335, 336, 337	343, 344, 345, 346, 347

Table 2-2. HDR: 50krad(Si) to 100krad(Si)/s Unbiased Device Information

Total Samples: 6					
Exposure Levels					
Control	3krad(Si)	10krad(Si)	30krad(Si)	50krad(Si)	100krad(Si)
300, 301, 302	308, 309, 310, 311, 312	318, 319, 320, 321, 322	328, 329, 330, 331, 332	338, 339, 340, 341, 342	348, 349, 350, 351, 352

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the TPS7H3024-SP passes up to 100krad(Si) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the data sheet limits.

Overall, the TPS7H3024-SP showed a strong degree of hardness to HDR TID irradiation up to 100krad(Si) for both biased and unbiased exposure conditions. The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level for both biased and unbiased. The parameters that did show a greater degree of change between pre- and post-irradiation were still within the electrical performance characteristics specified in the data sheet electrical parameters. See [TPS7H3024-SP Radiation-Hardness-Assured, 14-V, 4-Channel Supervisor with watchdog](#) data sheet for the data sheet electrical parameters and associated tests.

See [Appendix A](#) for HDR report up to 100krad(Si).

3.2 Specification Compliance Matrix

3.2.1 Electrical Characteristics

Parameter	Test Conditions	Sub-Group	MIN	TYP	MAX	UNIT	Test Number
SUPPLY VOLTAGES AND CURRENTS							
V _{IN} quiescent current	RESETx = Low and High, V _{SR_UVLO} > V _{TH_SR_UVLO_RISING} (MAX)	1, 2, 3		1.5	2.5	mA	6.4, 6.5, 6.6, 6.7
V _{IN} shutdown current	V _{SR_UVLO} = 0	1, 2, 3		1.5	2.1		6.0 and 6.1
V _{IN} rising undervoltage lockout		1, 2, 3	2.73	2.8	2.88	V	6.137
V _{IN} falling undervoltage lockout		1, 2, 3	2.58	2.65	2.72		6.138
Internal linear regulator output voltage	4V ≤ V _{IN} ≤ 14V	1, 2, 3	3.23	3.29	3.37	V	6.9 and 6.10
	V _{IN} < 3V	1, 2, 3	98%	99%		× V _{IN}	6.8
VLDO maximum current for out of regulation operation	3.65V ≤ VIN ≤ 14V, VLDO= 98.5% × VLDO(NOM)	1, 2, 3			5	mA	6.11, 6.12
Internal bandgap voltage		1, 2, 3	1.188	1.2	1.212	V	6.13 and 6.14
IN power on reset voltage	1.6V ≤ V _{PULL_UPx} ≤ 7V, V _{OL} ≤ 320mV with I _{RESETx} = −1mA	1, 2, 3		1.42	2		6.139, 6.140, 6.141, 6.142, 6.143, 6.144, 6.145, 6.146, 6.147, 6.148
PULL_UPx power on reset voltage	V _{IN} = 0V, V _{OL} ≤ 320mV with I _{RESETx} = −100μA	1, 2, 3		0.85	1.1		6.149, 6.150, 6.151, 6.152, 6.153
V _{HYS}	R _{HYS} = 49.9kΩ	1, 2, 3	1.164	1.2	1.236		6.155
SENSE1 TO SENSE4, UP AND DOWN COMPARATOR INPUTS							
Threshold voltage at SENSEx		1, 2, 3	593.1	599.7	604.9	mV	13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 13.10, 13.11, 13.12, 13.13, 13.14, 13.15, 13.16, 13.17, 13.18, 13.19, 13.20, 13.21, 13.22, 13.23, 13.24, 13.25, 13.26, 13.27, 13.28, 13.29, 13.30, 13.31, 13.32
SENSEx hysteresis current	V _{SENSEx} = 700mV	1, 2, 3	23.28	24	24.72	μA	6.25, 6.26, 6.27, 6.28, 6.29, 6.30, 6.31, 6.32
Input leakage current at SENSEx	V _{SENSEx} = 500mV	1, 2, 3		1	100	nA	6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24
Rising threshold voltage at SR_SVLO		1, 2, 3	580	602	618	mV	13.33, 13.36, 13.39, 13.42
Falling threshold voltage at SR_SVLO		1, 2, 3	475	499	517		13.34, 13.37, 13.40, 13.43
Input leakage current at SR_SVLO	V _{SR_UVLO} = 7V	1, 2, 3		2	100	nA	6.15 and 6.16
Rising threshold voltage at WDI		1, 2, 3	578	602	624	mV	13.45
Falling threshold voltage at WDI		1, 2, 3	473	498	521	mV	13.46
Input leakage current at WDI	V _{WDI} = 7V	1, 2, 3		1.4	100	nA	6.37 and 6.38

3.2.1 Electrical Characteristics (continued)

Parameter	Test Conditions		Sub-Group	MIN	TYP	MAX	UNIT	Test Number	
Rising threshold voltage at MODE			1, 2, 3	576	600	623	mV	13.48	
Falling threshold voltage at MODE			1, 2, 3	475	498	520	mV	13.49	
Input leakage current at MODE	V _{MODE} = 7V		1, 2, 3		1	100	nA	6.39 and 6.40	
RESET1 TO RESET4, PWRGD AND WDO PUSH PULL OUTPUTS									
PULL_UPx leakage current	V _{PULL_UPx} = 7V, RESETx = LOW		1, 2, 3		48	100	μA	6.33, 6.34, 6.35, 6.36	
Low-level RESETx output voltage	1.6V ≤ V _{PULL_UP1} ≤ 7V	I _{LOAD} = −2mA	1, 2, 3			5%	x V _{PULL_UP1}	6.65, 6.66, 6.67, 6.68, 6.71, 6.72, 6.73, 6.74, 6.77, 6.78, 6.79, 6.80, 6.83, 6.84, 6.85, 6.86	
		I _{LOAD} = −10mA	1, 2, 3			23%		6.113, 6.114, 6.115, 6.116, 6.119, 6.120, 6.121, 6.122, 6.125, 6.126, 6.127, 6.128, 6.131, 6.132, 6.133, 6.134	
High-level RESETx output voltage	1.6V ≤ V _{PULL_UP1} ≤ 7V	I _{LOAD} = 2mA	1, 2, 3	95%				6.41, 6.42, 6.43, 6.44, 6.47, 6.48, 6.49, 6.50, 6.53, 6.54, 6.55, 6.56, 6.59, 6.60, 6.61, 6.62	
		I _{LOAD} = 10mA	1, 2, 3	75%				6.89, 6.90, 6.91, 6.92, 6.95, 6.96, 6.97, 6.98, 6.101, 6.102, 6.103, 6.104, 6.107, 6.108, 6.109, 6.110	
Low-level PWRGD output voltage	1.6V ≤ V _{PULL_UP2} ≤ 7V	I _{LOAD} = −2mA	1, 2, 3			5%		x V _{PULL_UP2}	6.70, 6.76, 6.82, 6.88
		I _{LOAD} = −10mA	1, 2, 3			23%			6.118, 6.124, 6.130, 6.136
High-level PWRGD output voltage	1.6V ≤ V _{PULL_UP2} ≤ 7V	I _{LOAD} = 2mA	1, 2, 3	95%			6.46, 6.52, 6.58, 6.64		
		I _{LOAD} = 10mA	1, 2, 3	75%			6.94, 6.100, 6.106, 6.112		
Low-level WDO output voltage	1.6V ≤ V _{PULL_UP2} ≤ 7V	I _{LOAD} = −2mA	1, 2, 3			5%	6.69, 6.75, 6.81, 6.87		
		I _{LOAD} = −10mA	1, 2, 3			23%	6.117, 6.123, 6.129, 6.135		
High-level WDO output voltage	1.6V ≤ V _{PULL_UP2} ≤ 7V	I _{LOAD} = 2mA	1, 2, 3	95%			6.45, 6.51, 6.57, 6.63		
		I _{LOAD} = 10mA	1, 2, 3	75%			6.93, 6.99, 6.105, 6.111		

3.2.1 Electrical Characteristics (continued)

Parameter	Test Conditions		Sub-Group	MIN	TYP	MAX	UNIT	Test Number
RESETx rising output voltage slew rate	10% to 90% of V_{PULL_UP1} , $R_{LOAD} = 50k\Omega$, $C_{LOAD} = 100pF$	$1.6V \leq V_{PULL_UP1} \leq 7V$	9, 10, 11	17	298		V/ μs	19.0, 19.1, 19.2, 19.3, 19.12, 19.13, 19.14, 19.15, 19.24, 19.25, 19.26, 19.27, 19.36, 19.37, 19.38, 19.39
PWRGD rising output voltage slew rate			9, 10, 11	17	298			19.4, 19.16, 19.28, 19.40
WD0 rising output voltage slew rate			9, 10, 11	17	298			19.5, 19.17, 19.29, 19.41
RESETx falling output voltage slew rate	90% to 10% of V_{PULL_UP1} , $R_{LOAD} = 50k\Omega$, $C_{LOAD} = 100pF$	$1.6V \leq V_{PULL_UP1} \leq 7V$	9, 10, 11	44	186			19.6, 19.7, 19.8, 19.9, 19.18, 19.19, 19.20, 19.21, 19.30, 19.31, 19.32, 19.33, 19.42, 19.43, 19.44, 19.45
PWRGD falling output voltage slew rate			9, 10, 11	44	186			19.10, 19.22, 19.34, 19.46
WD0 falling output voltage slew rate			9, 10, 11	44	186			19.11, 19.23, 19.35, 19.47
RESET PMOS source output resistance	$I_{LOAD} = 2mA$	$1.6V \leq V_{PULL_UP1} \leq 3.3V$	1, 2, 3		20	40	Ω	18.0, 18.1, 18.2, 18.3, 18.6, 18.7, 18.8, 18.9
		$3.3V \leq V_{PULL_UP1} \leq 7V$	1, 2, 3		9	20		18.12, 18.13, 18.14, 18.15, 18.18, 18.19, 18.20, 18.21
PWRGD PMOS source output resistance	$I_{LOAD} = 2mA$	$1.6V \leq V_{PULL_UP2} \leq 3.3V$	1, 2, 3		20	40		18.4, 18.10
		$3.3V \leq V_{PULL_UP2} \leq 7V$	1, 2, 3		9	20		18.16, 18.22
WD0 PMOS source output resistance	$I_{LOAD} = 2mA$	$1.6V \leq V_{PULL_UP2} \leq 3.3V$	1, 2, 3		20	40		18.5, 18.11
		$3.3V \leq V_{PULL_UP2} \leq 7V$	1, 2, 3		9	20		18.17, 18.23
RESET NMOS sink output resistance	$I_{LOAD} = -2mA$, $1.6V \leq V_{PULL_UP1} \leq 7V$		1, 2, 3		16	36		18.24, 18.25, 18.26, 18.27, 18.30, 18.31, 18.32, 18.33, 18.36, 18.37, 18.38, 18.39, 18.42, 18.43, 18.44, 18.45
PWRGD NMOS sink output resistance	$I_{LOAD} = -2mA$, $1.6V \leq V_{PULL_UP1} \leq 7V$		1, 2, 3		16	36		18.28, 18.34, 18.40, 18.46
WD0 NMOS sink output resistance	$I_{LOAD} = -2mA$, $1.6V \leq V_{PULL_UP1} \leq 7V$		1, 2, 3		16	36		18.29, 18.35, 18.41, 18.47

3.2.1 Electrical Characteristics (continued)

Parameter	Test Conditions	Sub-Group	MIN	TYP	MAX	UNIT	Test Number
THERMAL PROTECTION							
Thermal shutdown enter temperature				185		°C	
Thermal shutdown exit temperature				171			
DELAY AND WATCHDOG TIMERS							
Delay time	R _{DLY_TMR} = 10.5kΩ	1, 2, 3	0.22	0.26	0.33	ms	5.20, 5.21, 5.23, 5.24, 5.25, 5.38, 5.39, 5.41, 5.42, 5.43, 5.56, 5.57, 5.59, 5.60, 5.61, 5.74, 5.75, 5.77, 5.78, 5.79
	R _{DLY_TMR} = 619kΩ	1, 2, 3	11.3	12.5	13.7		5.26, 5.27, 5.29, 5.30, 5.31, 5.44, 5.45, 5.47, 5.48, 5.49, 5.62, 5.63, 5.65, 5.66, 5.67, 5.80, 5.81, 5.83, 5.84, 5.85
	R _{DLY_TMR} = 1.18MΩ	1, 2, 3	21.3	23.7	26.2		5.32, 5.33, 5.35, 5.36, 5.37, 5.50, 5.51, 5.53, 5.54, 5.55, 5.68, 5.69, 5.71, 5.72, 5.73, 5.86, 5.87, 5.89, 5.90, 5.91
Watchdog time-out	R _{WD_TMR} = 56.2kΩ	1, 2, 3	0.43	0.52	0.57	s	5.22, 5.40, 5.58, 5.76
	R _{WD_TMR} = 118kΩ	1, 2, 3	0.8	1	1.2		5.28, 5.46, 5.64, 5.82
	R _{WD_TMR} = 174kΩ	1, 2, 3	1.34	1.5	1.7		5.34, 5.52, 5.70, 5.88

3.2.2 Timing Requirements

Parameter	Test Conditions		Sub-Group	MIN	TYP	MAX	UNIT	Test Number
Start-up delay time	$V_{REFCAP} \geq 1.1V$		1, 2, 3		0.3	2.8	ms	6.154
RESET propagation delay	DLY_TMR = Open, V _{OVERDRIVE} = 10mV, SR _{SENSEX} = 27V/ μ s, from 50% of SENSEx to 50% of RESETx		1, 2, 3		0.62	4.3	μ s	5.0, 5.1, 5.3, 5.4, 5.5, 5.6, 5.8, 5.9, 5.10, 5.11, 5.13, 5.14, 5.15, 5.16, 5.18, 5.19
PWRGD propagation delay	DLY_TMR = Open, V _{OVERDRIVE} = 10mV, SR _{SENSEX} = 27V/ μ s, from 50% of V _{SENSEX} to 50% of V _{PWRGD}		1, 2, 3		0.51	4.3	μ s	5.2, 5.7, 5.12, 5.17
SR_UVLO propagation delay	V _{SR_FAULT} = Falling from 1V to 0V in 10ns, V _{SENSEX} = 610mV, from 50% of V _{SR_UVLO} to 50% of V _{PWRGD}		1, 2, 3		0.92	2	μ s	5.104, 5.105, 5.106, 5.107, 5.108, 5.109, 5.110, 5.111
WDI propagation delay	V _{WDI} = Rising from 0V to 1V in 10ns, V _{SENSEX} = 610mV, from 50% of V _{WDI} to 50% of V _{WDO}	t _{WD_TMR} = 0.5s	1, 2, 3		23	40	μ s	
		t _{WD_TMR} = 1s			47	80		
		t _{WD_TMR} = 1.5s			68	116		
WDI minimum pulse width			4, 5, 6	2			$\times t_{WD_OSC}$	25.11, 25.12, 25.13, 25.14, 25.15, 25.16
SR_UVLO minimum pulse width for valid reset			4, 5, 6		0.61	1.1	μ s	25.1, 25.2
VSENSEX hold time for valid fault detection		C _{LOAD} = 100pF, V _{OVERDRIVE} = 100mV	4, 5, 6		0.56	2.2	μ s	25.3, 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 25.10
Rising threshold on VSENSEX hold time			4, 5, 6			3.7	μ s	

4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, [TPS7H3024-SP Radiation-Hardness-Assured, 14-V, 4-Channel Supervisor with Watchdog](#), data sheet.
- Texas Instruments, *TPS7H3024EVM-CVAL Evaluation Module User's Guide*, user's guide.

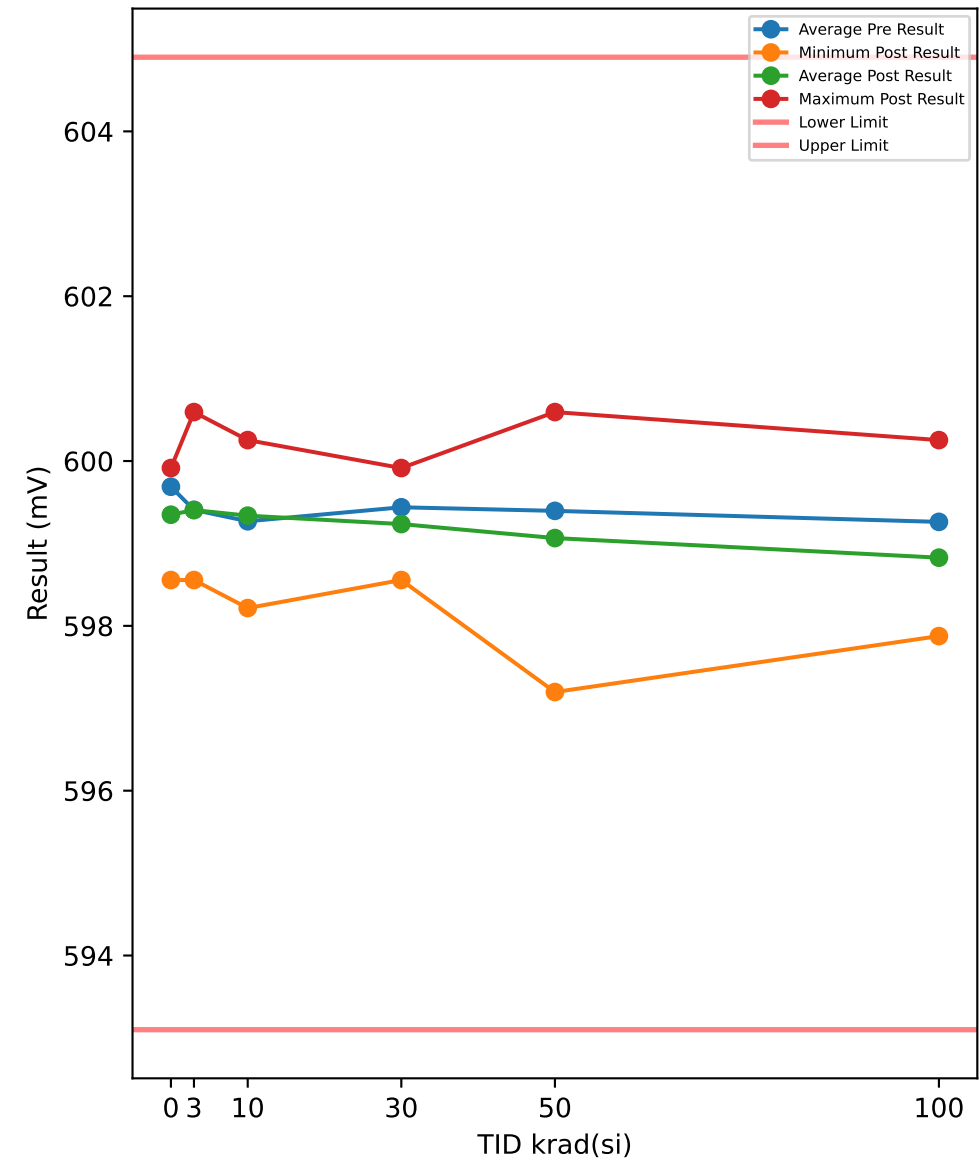
4.2 Reference Documents

Texas Instruments total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

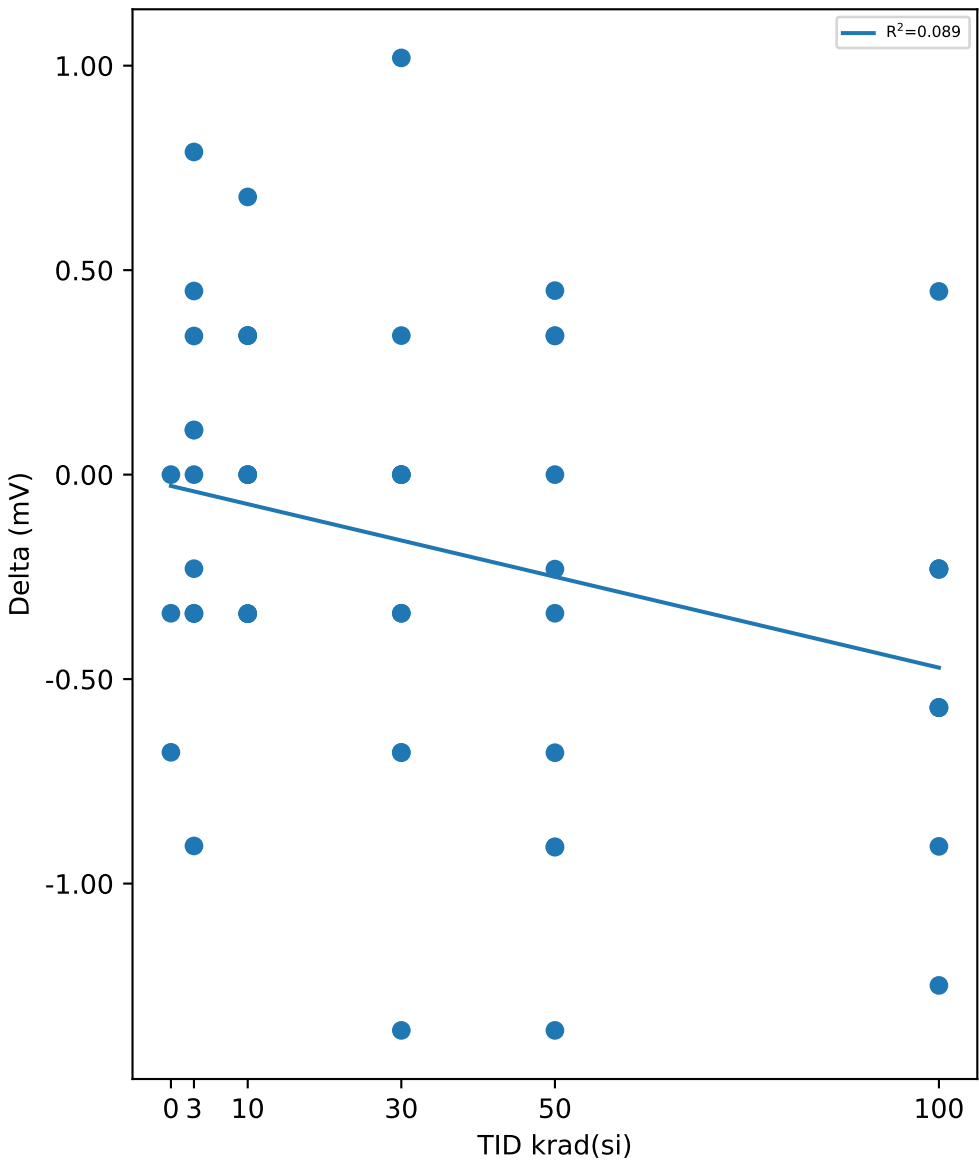
A Appendix: HDR TID Report Data

This appendix contains the HDR TID report data.

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

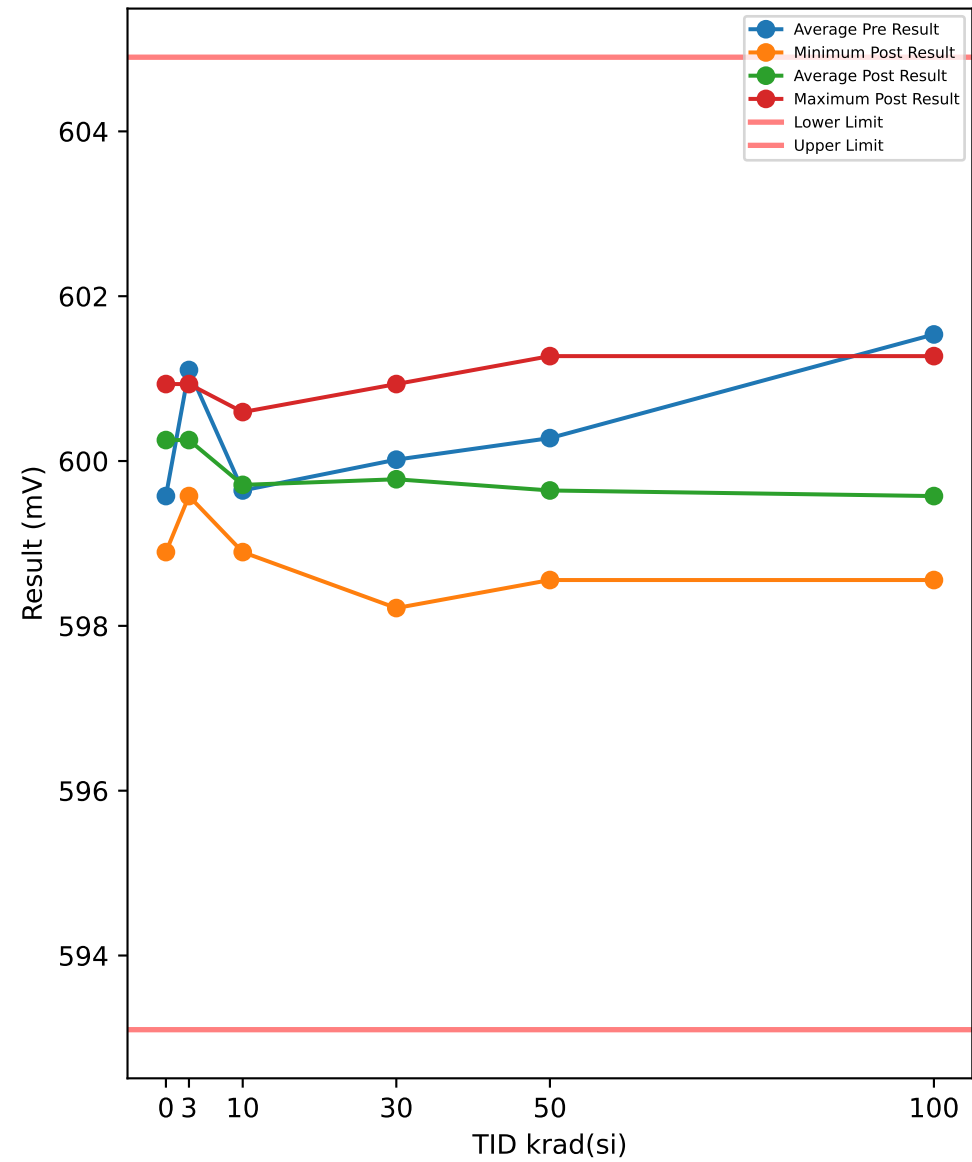
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.59	599.91	-0.679
301	0	Correlation	599.58	599.58	0
302	0	Correlation	598.89	598.56	-0.339
303	3	Bias	598.79	598.89	0.109
304	3	Bias	599.8	600.25	0.449
305	3	Bias	599.8	599.58	-0.23
306	3	Bias	600.82	599.91	-0.908
307	3	Bias	598.45	598.56	0.109
308	3	Unbiased	599.8	600.59	0.789
309	3	Unbiased	598.89	598.56	-0.339
310	3	Unbiased	599.58	599.58	0
311	3	Unbiased	599.58	599.24	-0.34
312	3	Unbiased	598.56	598.89	0.339
313	10	Bias	599.58	599.24	-0.34
314	10	Bias	598.22	598.56	0.34
315	10	Bias	599.91	599.58	-0.34
316	10	Bias	599.24	599.58	0.34
317	10	Bias	599.24	598.89	-0.34
318	10	Unbiased	599.58	600.25	0.679
319	10	Unbiased	598.22	598.22	0
320	10	Unbiased	599.24	599.24	0
321	10	Unbiased	599.91	599.91	0
322	10	Unbiased	599.58	599.91	0.34
323	30	Bias	599.58	598.89	-0.68
324	30	Bias	598.89	598.89	0
325	30	Bias	600.25	599.58	-0.679
326	30	Bias	599.24	599.24	0
327	30	Bias	599.24	599.24	0
328	30	Unbiased	600.59	599.24	-1.359
329	30	Unbiased	598.22	599.24	1.019
330	30	Unbiased	600.25	599.91	-0.339
331	30	Unbiased	599.24	599.58	0.34
332	30	Unbiased	598.89	598.56	-0.339
333	50	Bias	599.58	599.58	0
334	50	Bias	598.89	599.24	0.34
335	50	Bias	598.56	598.89	0.339
336	50	Bias	599.58	598.89	-0.68
337	50	Bias	599.91	598.56	-1.359
338	50	Unbiased	600.25	599.91	-0.339
339	50	Unbiased	599.8	598.89	-0.91
340	50	Unbiased	599.13	598.89	-0.231
341	50	Unbiased	598.11	597.2	-0.911
342	50	Unbiased	600.14	600.59	0.45
343	100	Bias	599.8	598.56	-1.249
344	100	Bias	597.77	598.22	0.448
345	100	Bias	598.79	598.56	-0.23
346	100	Bias	599.47	598.56	-0.909
347	100	Bias	600.48	600.25	-0.23
348	100	Unbiased	599.8	599.24	-0.57
349	100	Unbiased	598.11	597.88	-0.232
350	100	Unbiased	600.48	599.91	-0.569
351	100	Unbiased	598.45	598.22	-0.231
352	100	Unbiased	599.47	598.89	-0.57

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.89	599.69	600.59	0.85512	598.56	599.35	599.91	0.70721	-0.679	-0.33933	0	0.3395
3	598.45	599.41	600.82	0.7326	598.56	599.4	600.59	0.70262	-0.908	-0.0022	0.789	0.47966
10	598.22	599.27	599.91	0.60888	598.22	599.34	600.25	0.64162	-0.34	0.0679	0.679	0.35096
30	598.22	599.44	600.59	0.73737	598.56	599.24	599.91	0.39241	-1.359	-0.2037	1.019	0.64457
50	598.11	599.4	600.25	0.70591	597.2	599.07	600.59	0.89526	-1.359	-0.3301	0.45	0.62173
100	597.77	599.26	600.48	0.94946	597.88	598.83	600.25	0.76467	-1.249	-0.4342	0.448	0.45804

Device Test: 13.10 ; VTH_SENSE

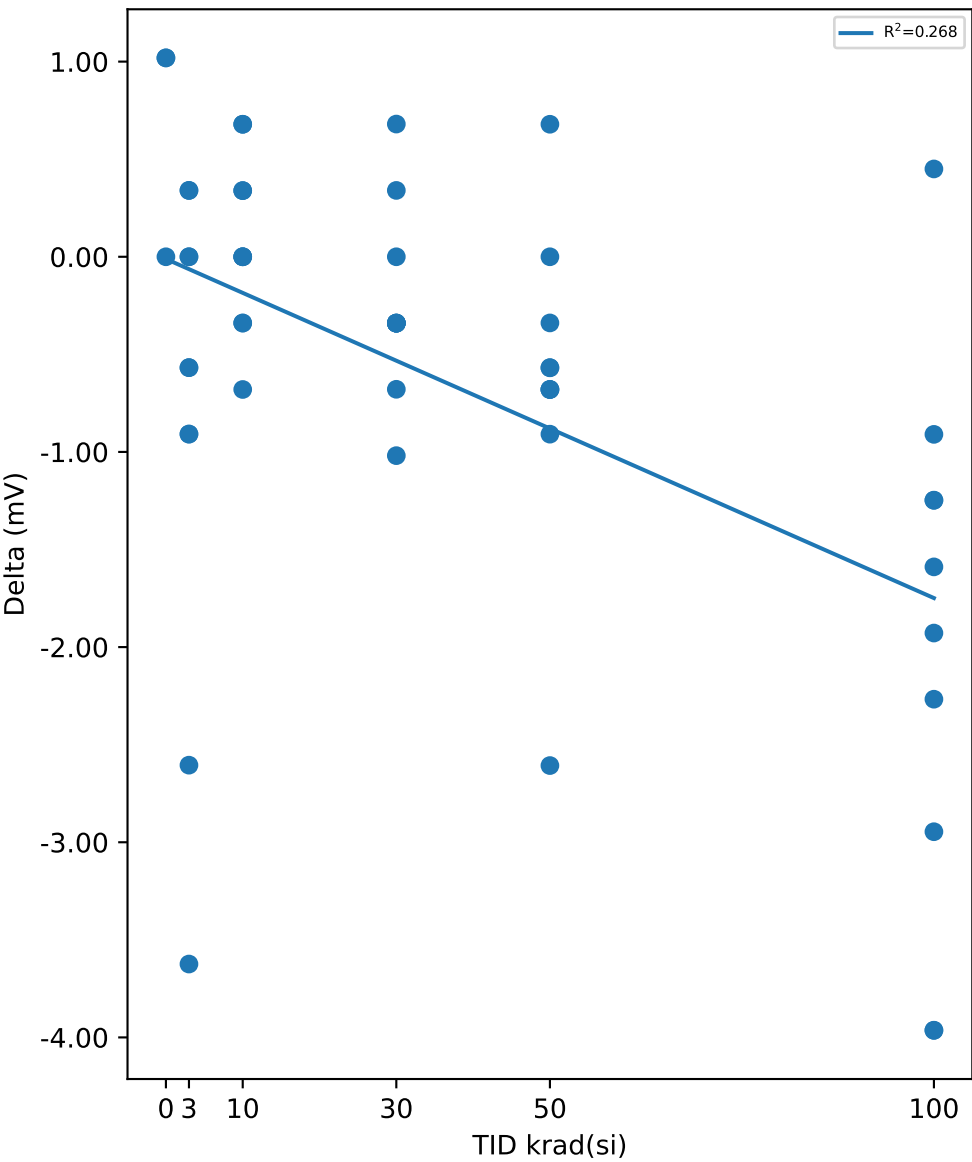
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.91	600.93	1.019
301	0	Correlation	599.91	600.93	1.019
302	0	Correlation	598.89	598.89	0
303	3	Bias	600.82	599.91	-0.908
304	3	Bias	601.16	600.25	-0.909
305	3	Bias	602.52	599.91	-2.605
306	3	Bias	601.5	600.93	-0.568
307	3	Bias	603.2	599.58	-3.624
308	3	Unbiased	601.5	600.93	-0.568
309	3	Unbiased	599.91	599.91	0
310	3	Unbiased	600.25	600.59	0.34
311	3	Unbiased	600.59	600.59	0
312	3	Unbiased	599.58	599.91	0.34
313	10	Bias	598.89	598.89	0
314	10	Bias	599.24	599.24	0
315	10	Bias	599.91	600.25	0.339
316	10	Bias	600.25	599.91	-0.339
317	10	Bias	599.24	598.89	-0.34
318	10	Unbiased	600.93	600.25	-0.68
319	10	Unbiased	598.56	598.89	0.339
320	10	Unbiased	599.91	600.59	0.679
321	10	Unbiased	599.58	600.25	0.679
322	10	Unbiased	599.91	599.91	0
323	30	Bias	599.91	599.91	0
324	30	Bias	599.58	599.24	-0.34
325	30	Bias	600.59	599.58	-1.019
326	30	Bias	599.91	599.58	-0.34
327	30	Bias	600.59	600.25	-0.34
328	30	Unbiased	600.25	600.93	0.68
329	30	Unbiased	598.56	598.22	-0.34
330	30	Unbiased	600.59	600.25	-0.34
331	30	Unbiased	600.59	599.91	-0.679
332	30	Unbiased	599.58	599.91	0.34
333	50	Bias	599.58	599.58	0
334	50	Bias	599.91	599.24	-0.68
335	50	Bias	599.58	598.89	-0.68
336	50	Bias	599.91	599.24	-0.68
337	50	Bias	600.25	599.91	-0.339
338	50	Unbiased	599.91	600.59	0.679
339	50	Unbiased	600.48	599.91	-0.569
340	50	Unbiased	600.14	599.24	-0.909
341	50	Unbiased	601.16	598.56	-2.607
342	50	Unbiased	601.84	601.27	-0.568
343	100	Bias	600.14	600.59	0.45
344	100	Bias	601.5	598.56	-2.946
345	100	Bias	603.54	599.58	-3.964
346	100	Bias	600.48	598.89	-1.589
347	100	Bias	602.52	601.27	-1.247
348	100	Unbiased	601.16	599.91	-1.248
349	100	Unbiased	600.82	598.89	-1.928
350	100	Unbiased	603.88	599.91	-3.963
351	100	Unbiased	601.5	599.24	-2.267
352	100	Unbiased	599.8	598.89	-0.91

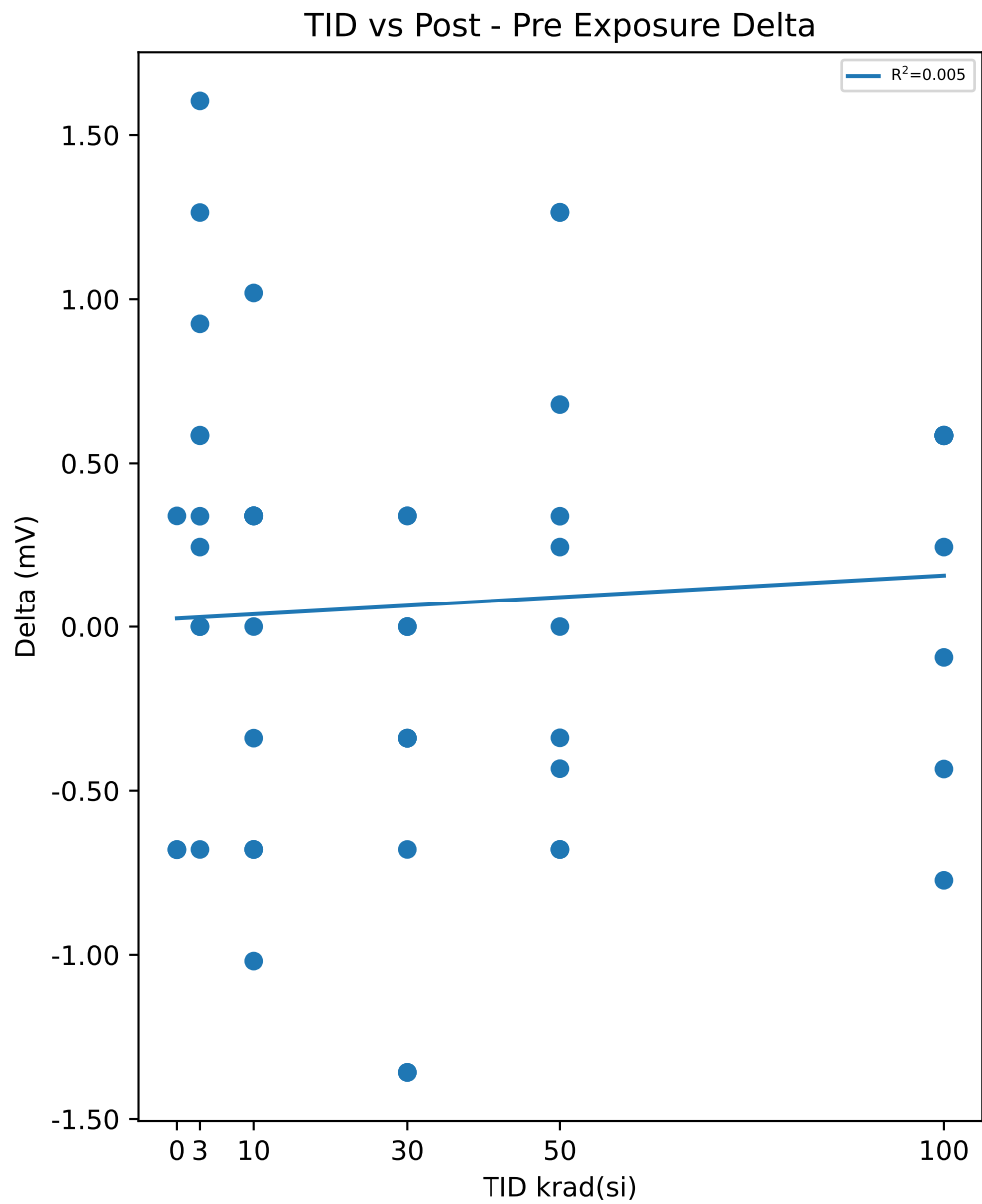
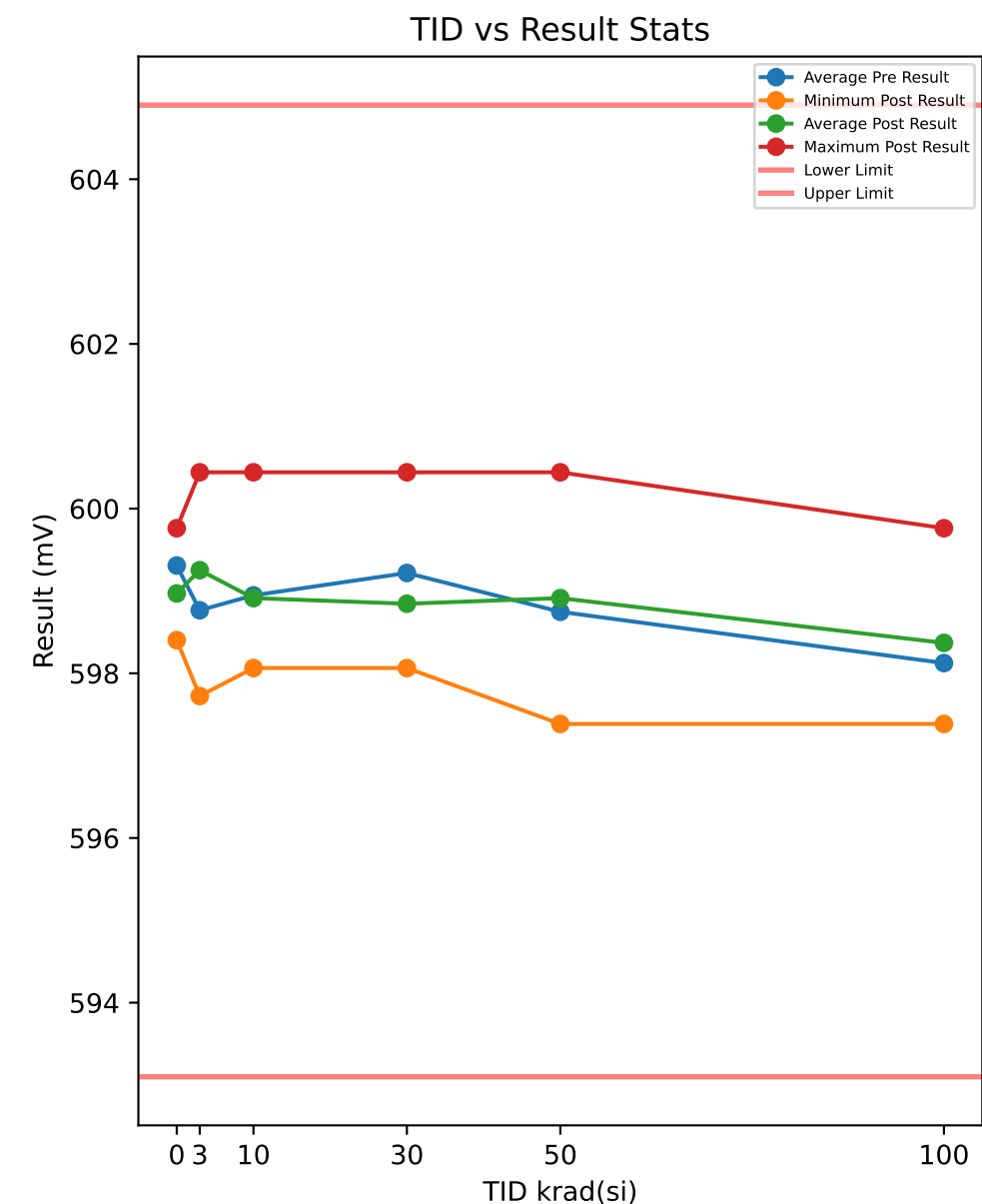
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.89	599.57	599.91	0.5889	598.89	600.25	600.93	1.1772	0	0.67933	1.019	0.58832
3	599.58	601.1	603.2	1.1317	599.58	600.25	600.93	0.48036	-3.624	-0.8502	0.34	1.3004
10	598.56	599.64	600.93	0.69447	598.89	599.71	600.59	0.6643	-0.68	0.0677	0.679	0.44709
30	598.56	600.02	600.59	0.66114	598.22	599.78	600.93	0.71979	-1.019	-0.2378	0.68	0.48188
50	599.58	600.28	601.84	0.72041	598.56	599.64	601.27	0.81339	-2.607	-0.6353	0.679	0.82974
100	599.8	601.54	603.88	1.3807	598.56	599.57	601.27	0.86242	-3.964	-1.9612	0.45	1.3808

Device Test: 13.11 ; VTH_SENSE



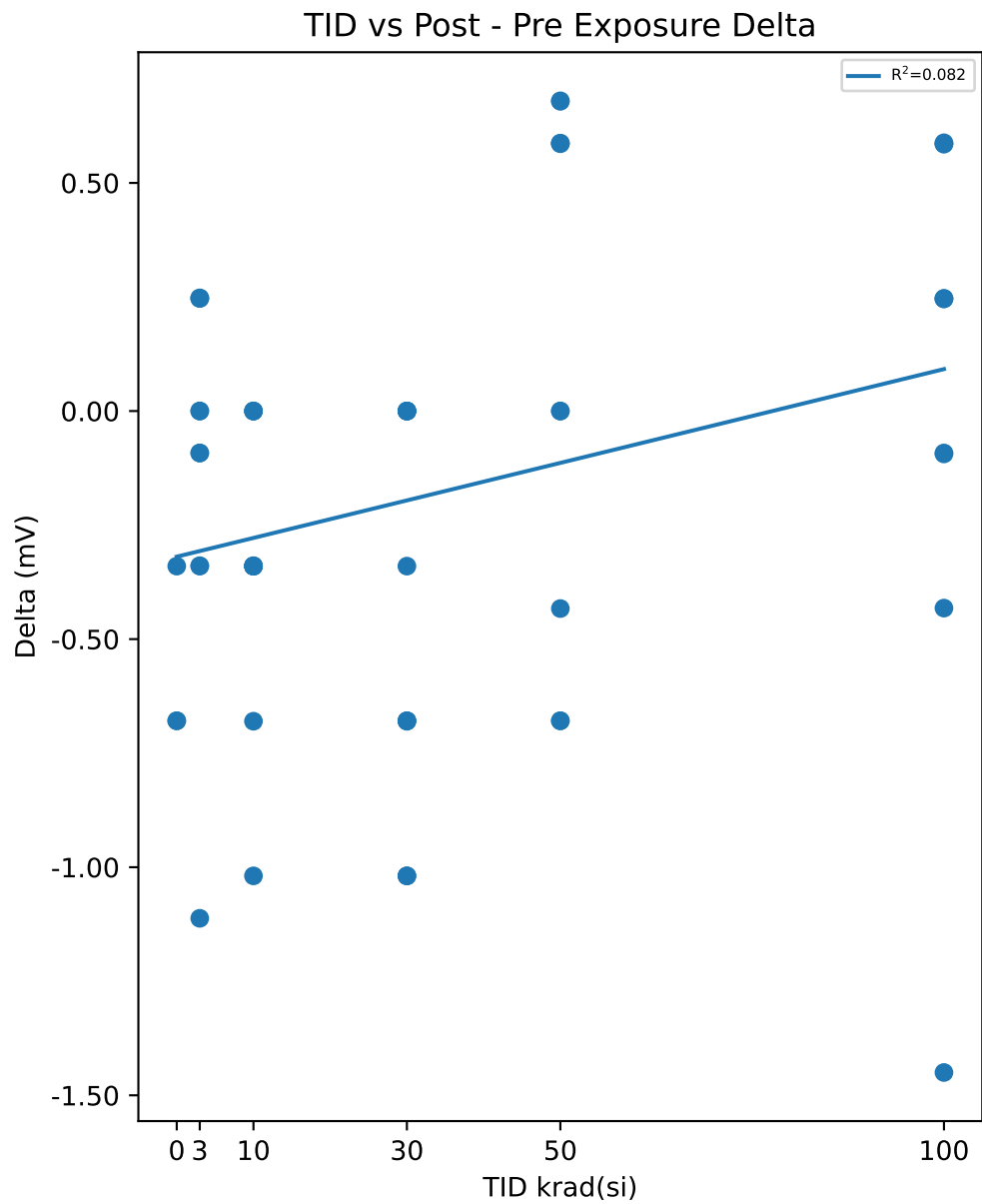
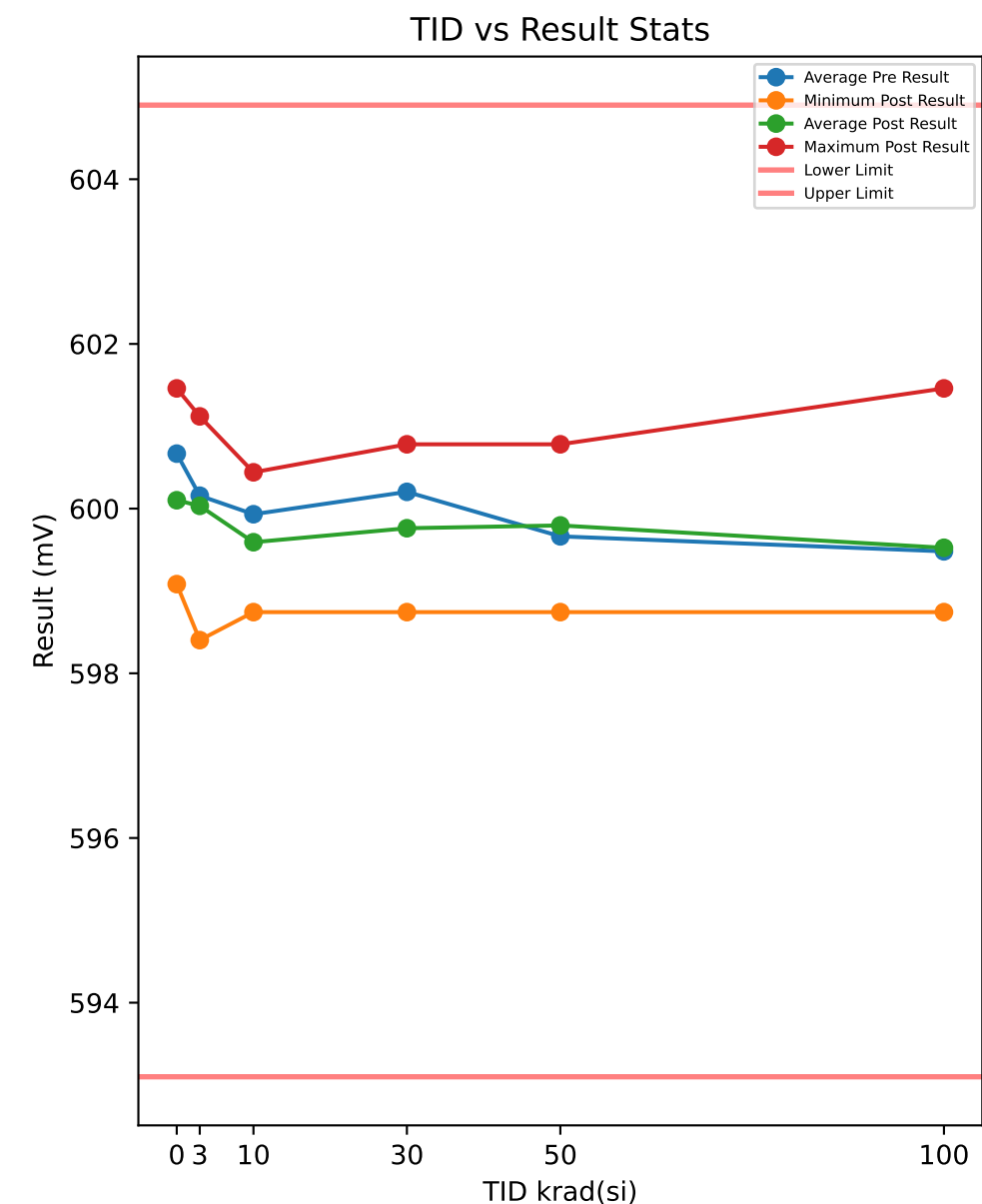
Test Results (Lower Limit = 593.1,
Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.08	598.4	-0.68
301	0	Correlation	600.44	599.76	-0.679
302	0	Correlation	598.4	598.74	0.34
303	3	Bias	597.82	599.08	1.264
304	3	Bias	597.14	597.72	0.584
305	3	Bias	599.18	599.76	0.586
306	3	Bias	598.5	599.42	0.925
307	3	Bias	598.84	600.44	1.604
308	3	Unbiased	598.16	598.4	0.245
309	3	Unbiased	600.44	599.76	-0.679
310	3	Unbiased	599.42	599.42	0
311	3	Unbiased	599.08	599.08	0
312	3	Unbiased	599.08	599.42	0.339
313	10	Bias	597.72	598.06	0.34
314	10	Bias	599.76	599.76	0
315	10	Bias	598.74	599.08	0.34
316	10	Bias	599.76	599.08	-0.679
317	10	Bias	599.08	598.06	-1.019
318	10	Unbiased	600.1	600.44	0.34
319	10	Unbiased	597.72	598.06	0.34
320	10	Unbiased	599.42	598.74	-0.679
321	10	Unbiased	599.08	598.74	-0.34
322	10	Unbiased	598.06	599.08	1.019
323	30	Bias	598.74	598.06	-0.679
324	30	Bias	599.08	598.74	-0.34
325	30	Bias	599.76	599.42	-0.34
326	30	Bias	599.08	598.74	-0.34
327	30	Bias	599.42	598.06	-1.358
328	30	Unbiased	600.1	600.44	0.34
329	30	Unbiased	598.74	598.74	0
330	30	Unbiased	600.44	599.08	-1.358
331	30	Unbiased	598.4	598.4	0
332	30	Unbiased	598.4	598.74	0.34
333	50	Bias	599.42	598.74	-0.679
334	50	Bias	599.08	599.08	0
335	50	Bias	598.74	598.06	-0.679
336	50	Bias	599.76	600.1	0.339
337	50	Bias	598.06	598.74	0.679
338	50	Unbiased	599.42	599.08	-0.339
339	50	Unbiased	598.5	598.06	-0.433
340	50	Unbiased	598.16	599.42	1.264
341	50	Unbiased	597.14	597.38	0.245
342	50	Unbiased	599.18	600.44	1.265
343	100	Bias	597.82	598.4	0.584
344	100	Bias	597.48	597.38	-0.094
345	100	Bias	599.18	598.4	-0.773
346	100	Bias	598.16	597.72	-0.434
347	100	Bias	599.18	599.76	0.586
348	100	Unbiased	598.16	598.74	0.585
349	100	Unbiased	597.14	597.38	0.245
350	100	Unbiased	598.5	599.08	0.586
351	100	Unbiased	597.82	598.4	0.584
352	100	Unbiased	597.82	598.4	0.584

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.4	599.31	600.44	1.0376	598.4	598.97	599.76	0.70721	-0.68	-0.33967	0.34	0.58861
3	597.14	598.77	600.44	0.9185	597.72	599.25	600.44	0.75523	-0.679	0.4868	1.604	0.66473
10	597.72	598.95	600.1	0.8651	598.06	598.91	600.44	0.7719	-1.019	-0.0338	1.019	0.62941
30	598.4	599.22	600.44	0.70152	598.06	598.84	600.44	0.6987	-1.358	-0.3735	0.34	0.60849
50	597.14	598.75	599.76	0.7956	597.38	598.91	600.44	0.93673	-0.679	0.1662	1.265	0.72894
100	597.14	598.12	599.18	0.66818	597.38	598.37	599.76	0.74142	-0.773	0.2453	0.586	0.5061

Device Test: 13.12 ; VTH_SENSE



Test Results (Lower Limit = 593.1,
Upper Limit = 604.9 (mV))

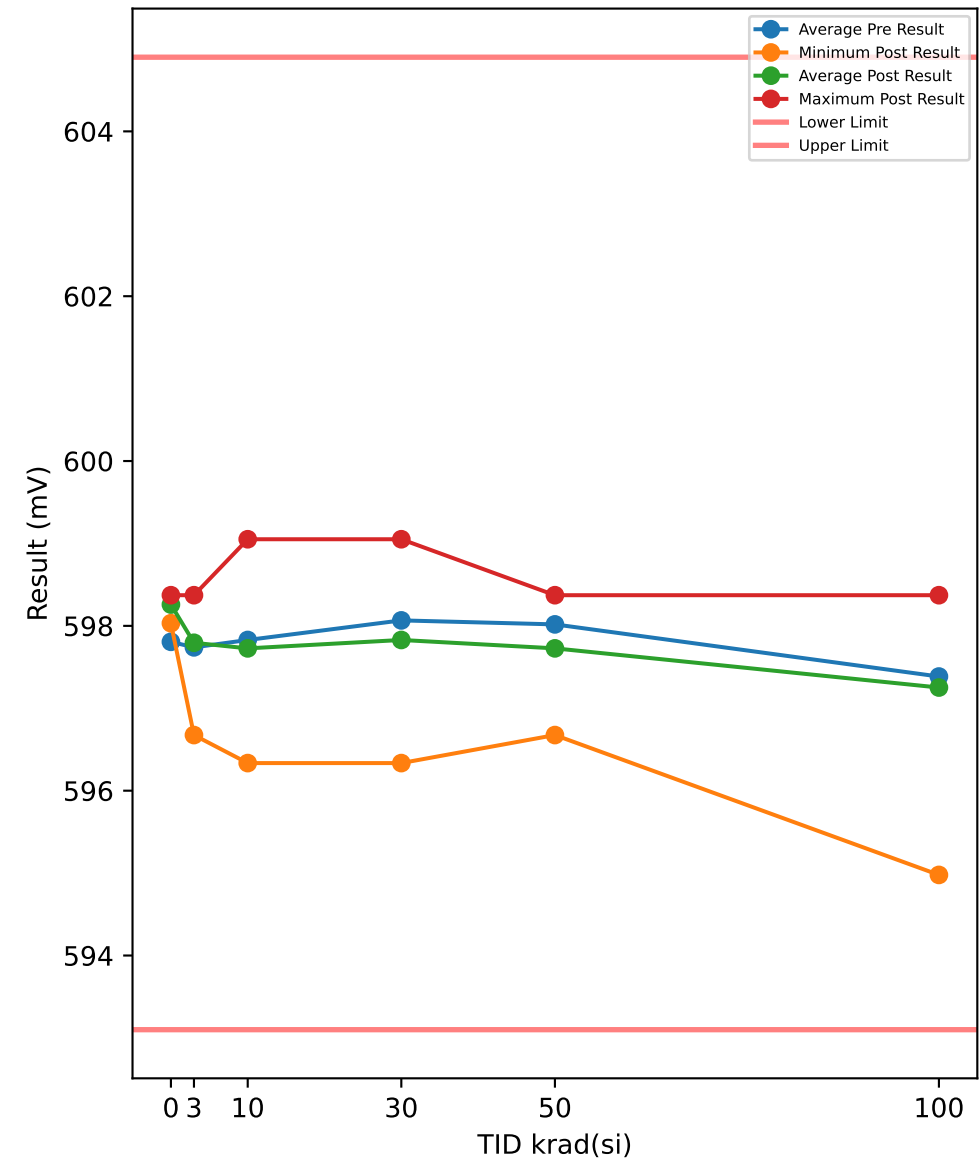
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.44	599.76	-0.679
301	0	Correlation	601.8	601.46	-0.34
302	0	Correlation	599.76	599.08	-0.679
303	3	Bias	599.85	599.76	-0.092
304	3	Bias	599.51	598.4	-1.112
305	3	Bias	599.85	600.1	0.247
306	3	Bias	599.51	599.76	0.247
307	3	Bias	600.87	601.12	0.248
308	3	Unbiased	599.85	599.76	-0.092
309	3	Unbiased	600.78	600.44	-0.34
310	3	Unbiased	600.44	600.44	0
311	3	Unbiased	600.78	600.78	0
312	3	Unbiased	600.1	599.76	-0.339
313	10	Bias	598.74	598.74	0
314	10	Bias	600.1	599.76	-0.339
315	10	Bias	599.42	599.42	0
316	10	Bias	599.76	599.42	-0.34
317	10	Bias	599.76	599.42	-0.34
318	10	Unbiased	601.12	600.1	-1.019
319	10	Unbiased	599.08	599.08	0
320	10	Unbiased	600.78	600.1	-0.68
321	10	Unbiased	600.78	600.44	-0.34
322	10	Unbiased	599.76	599.42	-0.34
323	30	Bias	600.1	599.42	-0.679
324	30	Bias	600.44	599.76	-0.679
325	30	Bias	601.12	600.1	-1.019
326	30	Bias	599.42	599.42	0
327	30	Bias	600.78	600.1	-0.68
328	30	Unbiased	600.78	600.78	0
329	30	Unbiased	599.76	599.42	-0.34
330	30	Unbiased	600.78	600.78	0
331	30	Unbiased	599.08	599.08	0
332	30	Unbiased	599.76	598.74	-1.019
333	50	Bias	600.1	599.42	-0.679
334	50	Bias	598.74	599.42	0.679
335	50	Bias	599.42	599.42	0
336	50	Bias	600.44	599.76	-0.679
337	50	Bias	599.42	599.42	0
338	50	Unbiased	600.1	600.78	0.68
339	50	Unbiased	599.18	599.76	0.586
340	50	Unbiased	599.85	600.44	0.587
341	50	Unbiased	599.18	598.74	-0.433
342	50	Unbiased	600.19	600.78	0.587
343	100	Bias	600.53	599.08	-1.45
344	100	Bias	598.5	598.74	0.246
345	100	Bias	600.19	599.76	-0.432
346	100	Bias	598.5	599.08	0.586
347	100	Bias	600.87	601.46	0.588
348	100	Unbiased	598.84	599.42	0.585
349	100	Unbiased	598.84	598.74	-0.094
350	100	Unbiased	599.85	599.76	-0.092
351	100	Unbiased	599.51	599.76	0.247
352	100	Unbiased	599.18	599.42	0.246

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.76	600.67	601.8	1.0377	599.08	600.1	601.46	1.2244	-0.679	-0.566	-0.34	0.19572
3	599.51	600.16	600.87	0.52425	598.4	600.03	601.12	0.74754	-1.112	-0.1233	0.248	0.41035
10	598.74	599.93	601.12	0.77193	598.74	599.59	600.44	0.51244	-1.019	-0.3398	0	0.32032
30	599.08	600.2	601.12	0.68016	598.74	599.76	600.78	0.67928	-1.019	-0.4416	0	0.42514
50	598.74	599.66	600.44	0.5522	598.74	599.8	600.78	0.66892	-0.679	0.1328	0.68	0.56659
100	598.5	599.48	600.87	0.85305	598.74	599.52	601.46	0.78512	-1.45	0.043	0.588	0.62373

Device Test: 13.13 ; VTH_SENSE

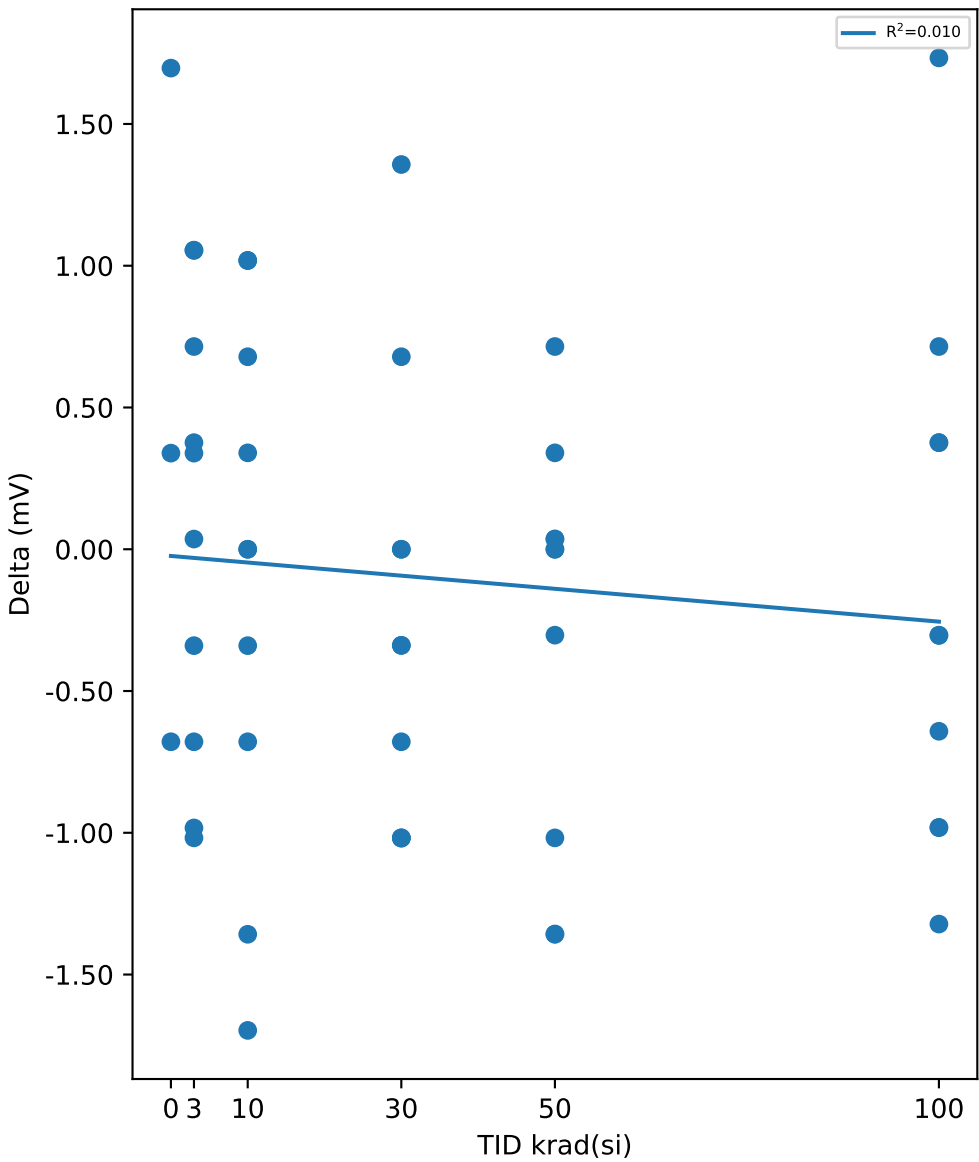
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.05	598.37	-0.679
301	0	Correlation	597.69	598.03	0.339
302	0	Correlation	596.67	598.37	1.697
303	3	Bias	598	598.37	0.376
304	3	Bias	598	598.03	0.036
305	3	Bias	597.32	598.37	1.055
306	3	Bias	598.68	597.69	-0.983
307	3	Bias	596.98	598.03	1.054
308	3	Unbiased	596.98	597.69	0.715
309	3	Unbiased	598.71	598.03	-0.679
310	3	Unbiased	597.69	596.67	-1.018
311	3	Unbiased	598.37	598.03	-0.34
312	3	Unbiased	596.67	597.01	0.339
313	10	Bias	597.01	596.34	-0.679
314	10	Bias	598.03	598.37	0.34
315	10	Bias	596.67	597.69	1.018
316	10	Bias	599.39	598.03	-1.358
317	10	Bias	597.35	597.35	0
318	10	Unbiased	598.03	599.05	1.019
319	10	Unbiased	598.03	598.03	0
320	10	Unbiased	598.71	597.01	-1.697
321	10	Unbiased	596.67	597.35	0.679
322	10	Unbiased	598.37	598.03	-0.34
323	30	Bias	597.69	597.69	0
324	30	Bias	598.37	599.05	0.679
325	30	Bias	598.71	598.37	-0.339
326	30	Bias	596.67	598.03	1.357
327	30	Bias	598.37	597.35	-1.018
328	30	Unbiased	598.37	598.37	0
329	30	Unbiased	598.03	597.01	-1.018
330	30	Unbiased	598.71	598.37	-0.339
331	30	Unbiased	598.37	597.69	-0.679
332	30	Unbiased	597.35	596.34	-1.019
333	50	Bias	598.37	598.37	0
334	50	Bias	598.03	597.01	-1.018
335	50	Bias	598.03	596.67	-1.357
336	50	Bias	598.03	598.37	0.34
337	50	Bias	598.37	598.37	0
338	50	Unbiased	599.05	597.69	-1.358
339	50	Unbiased	597.66	597.35	-0.303
340	50	Unbiased	596.98	597.69	0.715
341	50	Unbiased	597.66	597.69	0.036
342	50	Unbiased	598	598.03	0.036
343	100	Bias	598.34	598.03	-0.304
344	100	Bias	596.3	598.03	1.733
345	100	Bias	598	597.35	-0.642
346	100	Bias	596.98	597.35	0.376
347	100	Bias	598	598.37	0.376
348	100	Unbiased	598	597.01	-0.982
349	100	Unbiased	596.3	596	-0.303
350	100	Unbiased	598.34	597.01	-1.322
351	100	Unbiased	595.96	594.98	-0.981
352	100	Unbiased	597.66	598.37	0.715

TID vs Post - Pre Exposure Delta

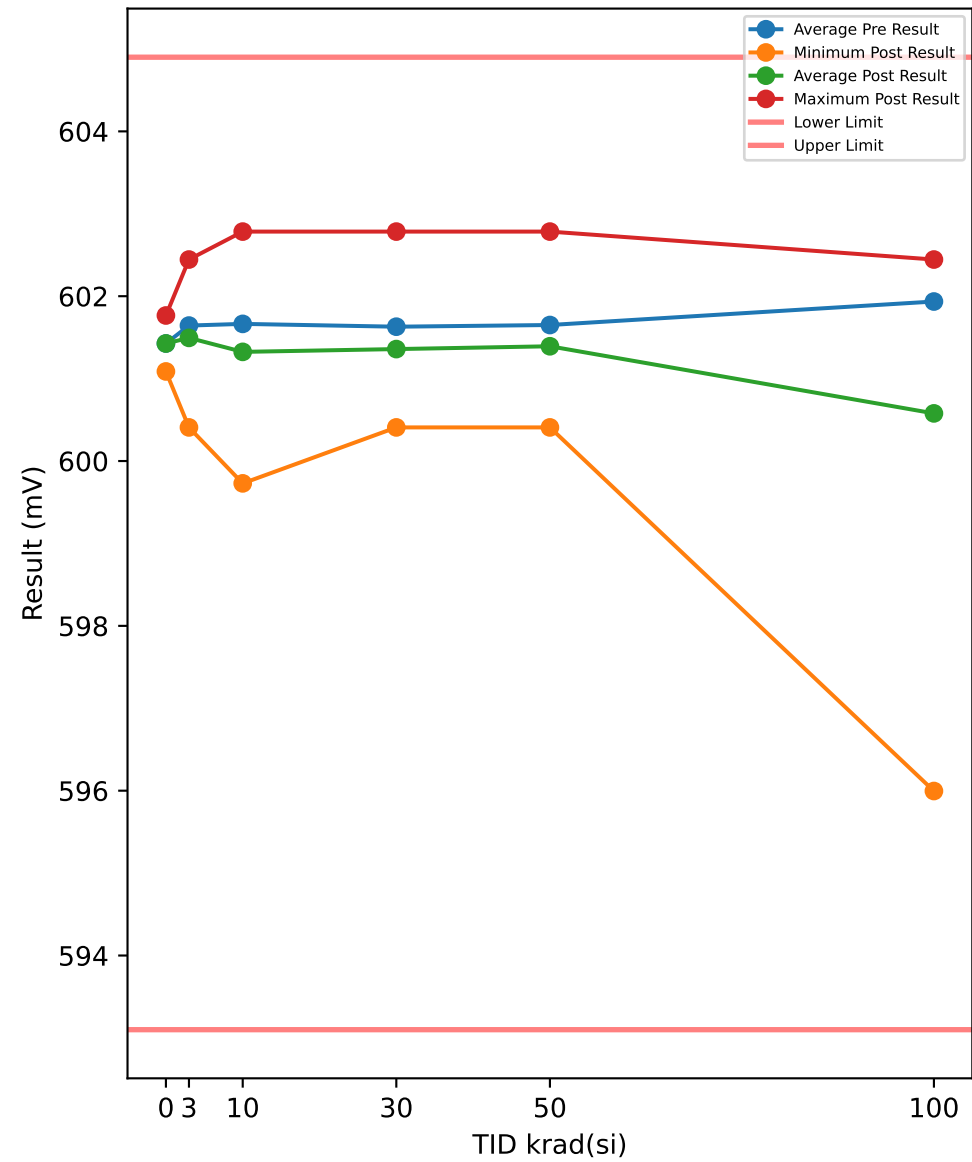


Test Statistics (mV)

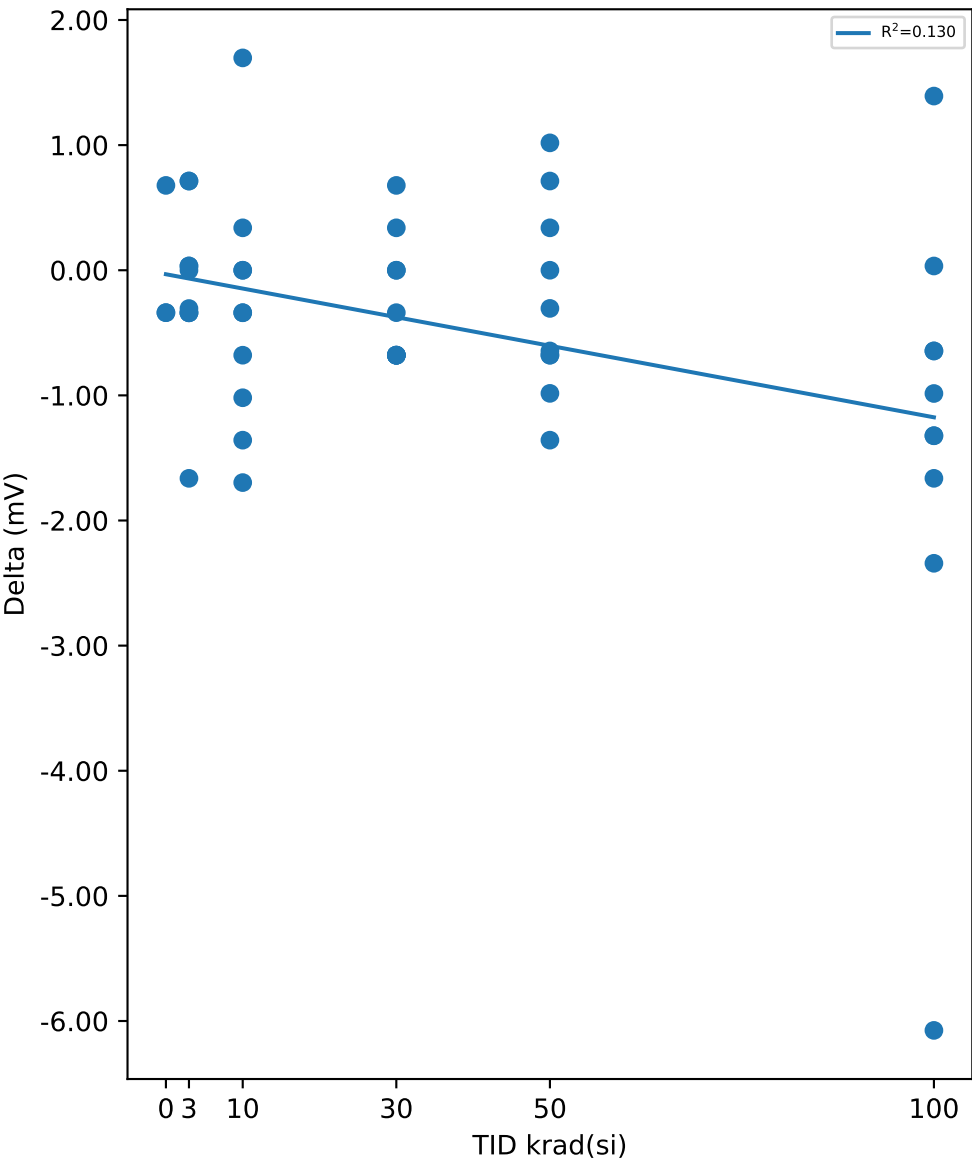
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	596.67	597.81	599.05	1.192	598.03	598.26	598.37	0.1963	-0.679	0.45233	1.697	1.192
3	596.67	597.74	598.71	0.73228	596.67	597.79	598.37	0.55535	-1.018	0.0555	1.055	0.78466
10	596.67	597.83	599.39	0.89358	596.34	597.73	599.05	0.75818	-1.697	-0.1018	1.019	0.93383
30	596.67	598.07	598.71	0.64882	596.34	597.83	599.05	0.78725	-1.019	-0.2376	1.357	0.78456
50	596.98	598.02	599.05	0.54376	596.67	597.73	598.37	0.58678	-1.358	-0.2909	0.715	0.71468
100	595.96	597.39	598.34	0.91656	594.98	597.25	598.37	1.0857	-1.322	-0.1334	1.733	0.93631

Device Test: 13.14 ; VTH_SENSE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

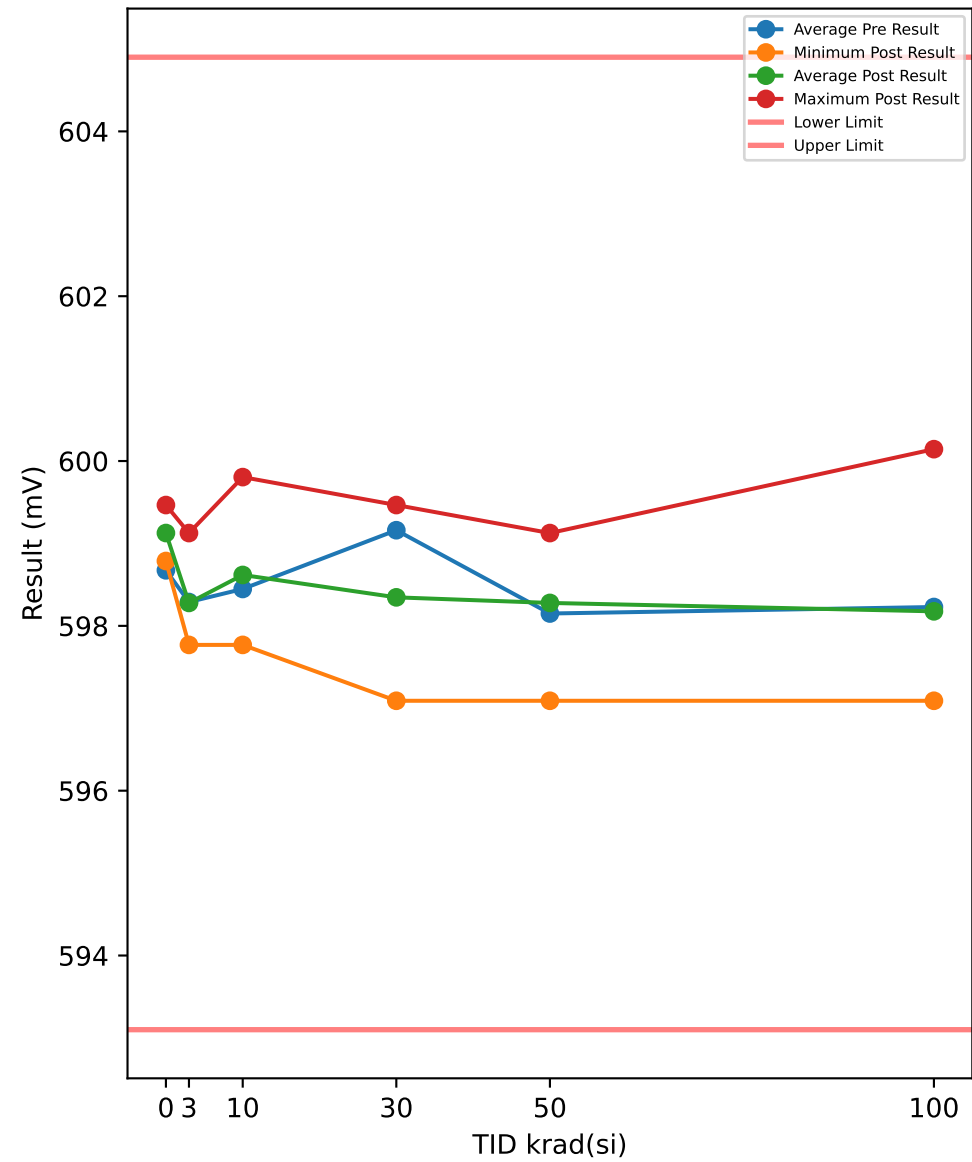
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	601.43	601.09	-0.339
301	0	Correlation	602.11	601.77	-0.339
302	0	Correlation	600.75	601.43	0.678
303	3	Bias	601.05	601.77	0.713
304	3	Bias	601.73	601.77	0.034
305	3	Bias	602.41	602.11	-0.306
306	3	Bias	601.73	601.77	0.034
307	3	Bias	601.73	602.45	0.713
308	3	Unbiased	602.41	600.75	-1.663
309	3	Unbiased	601.77	601.43	-0.34
310	3	Unbiased	600.41	600.41	0
311	3	Unbiased	602.45	602.11	-0.34
312	3	Unbiased	600.75	600.41	-0.34
313	10	Bias	600.75	599.73	-1.019
314	10	Bias	602.11	602.11	0
315	10	Bias	602.45	600.75	-1.697
316	10	Bias	601.43	601.43	0
317	10	Bias	601.09	600.75	-0.339
318	10	Unbiased	602.45	602.78	0.339
319	10	Unbiased	601.77	601.43	-0.34
320	10	Unbiased	602.45	601.09	-1.358
321	10	Unbiased	600.41	602.11	1.697
322	10	Unbiased	601.77	601.09	-0.679
323	30	Bias	601.09	600.41	-0.679
324	30	Bias	602.78	602.11	-0.679
325	30	Bias	603.12	602.45	-0.678
326	30	Bias	601.09	600.41	-0.679
327	30	Bias	601.43	601.09	-0.339
328	30	Unbiased	602.11	602.11	0
329	30	Unbiased	600.41	600.41	0
330	30	Unbiased	602.45	602.78	0.339
331	30	Unbiased	601.09	600.41	-0.679
332	30	Unbiased	600.75	601.43	0.678
333	50	Bias	600.75	601.77	1.018
334	50	Bias	601.43	600.75	-0.678
335	50	Bias	600.07	600.41	0.339
336	50	Bias	600.75	600.75	0
337	50	Bias	602.78	601.43	-1.358
338	50	Unbiased	602.78	602.11	-0.679
339	50	Unbiased	602.75	602.11	-0.645
340	50	Unbiased	602.07	601.09	-0.984
341	50	Unbiased	601.05	600.75	-0.305
342	50	Unbiased	602.07	602.78	0.713
343	100	Bias	602.41	601.77	-0.645
344	100	Bias	602.41	601.77	-0.645
345	100	Bias	601.05	602.45	1.392
346	100	Bias	601.05	601.09	0.034
347	100	Bias	603.43	602.45	-0.985
348	100	Unbiased	602.07	600.41	-1.663
349	100	Unbiased	601.39	600.07	-1.323
350	100	Unbiased	603.09	600.75	-2.342
351	100	Unbiased	600.37	599.05	-1.322
352	100	Unbiased	602.07	596	-6.075

Test Statistics (mV)

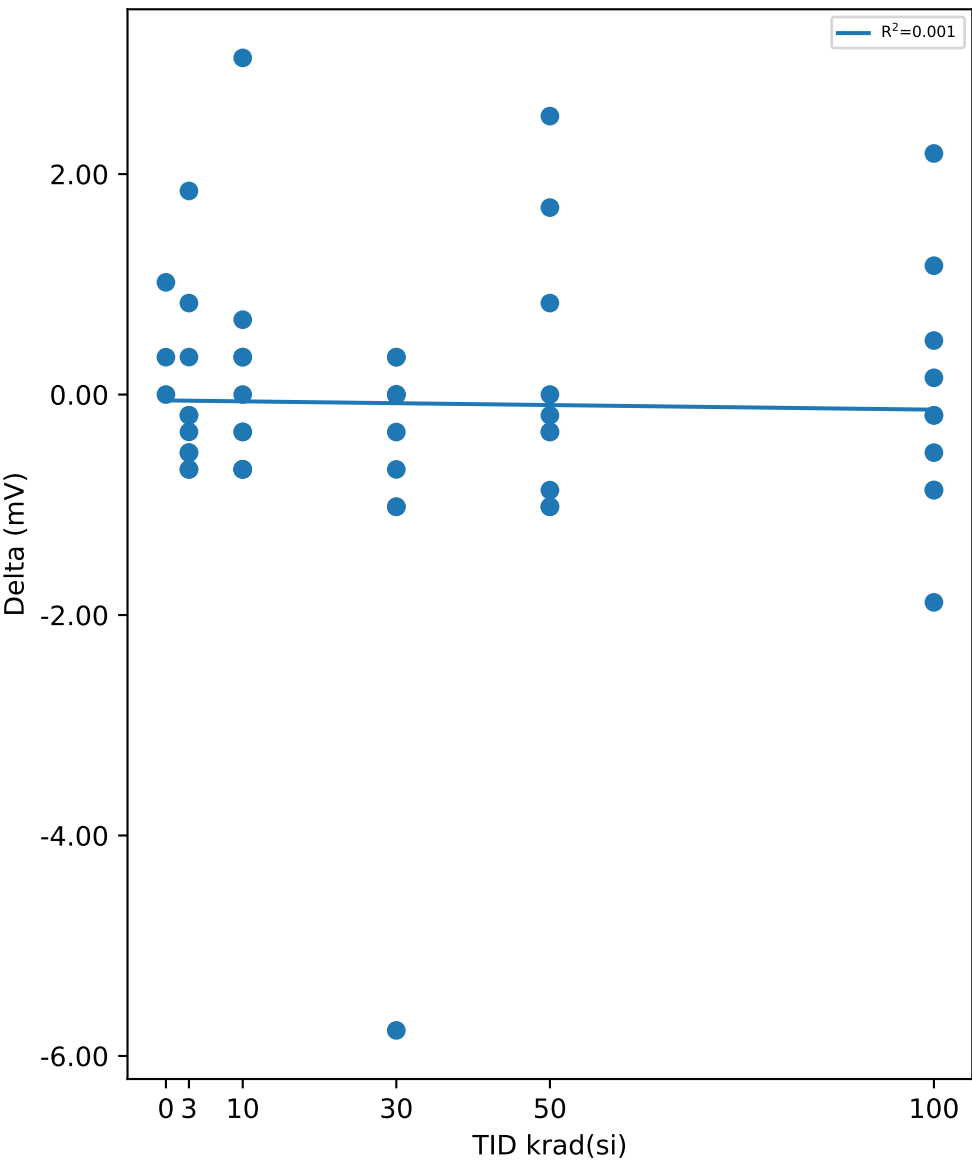
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.75	601.43	602.11	0.6785	601.09	601.43	601.77	0.3395	-0.339	-3.7896e-14	0.678	0.58717
3	600.41	601.64	602.45	0.70994	600.41	601.49	602.45	0.72976	-1.663	-0.1495	0.713	0.6668
10	600.41	601.66	602.45	0.73419	599.73	601.32	602.78	0.86231	-1.697	-0.3396	1.697	0.96005
30	600.41	601.63	603.12	0.92183	600.41	601.36	602.78	0.94394	-0.679	-0.2716	0.678	0.50063
50	600.07	601.65	602.78	0.98148	600.41	601.39	602.78	0.77466	-1.358	-0.2579	1.018	0.76279
100	600.37	601.94	603.43	0.9632	596	600.58	602.45	1.935	-6.075	-1.3574	1.392	1.9428

Device Test: 13.15 ; VTH_SENSE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

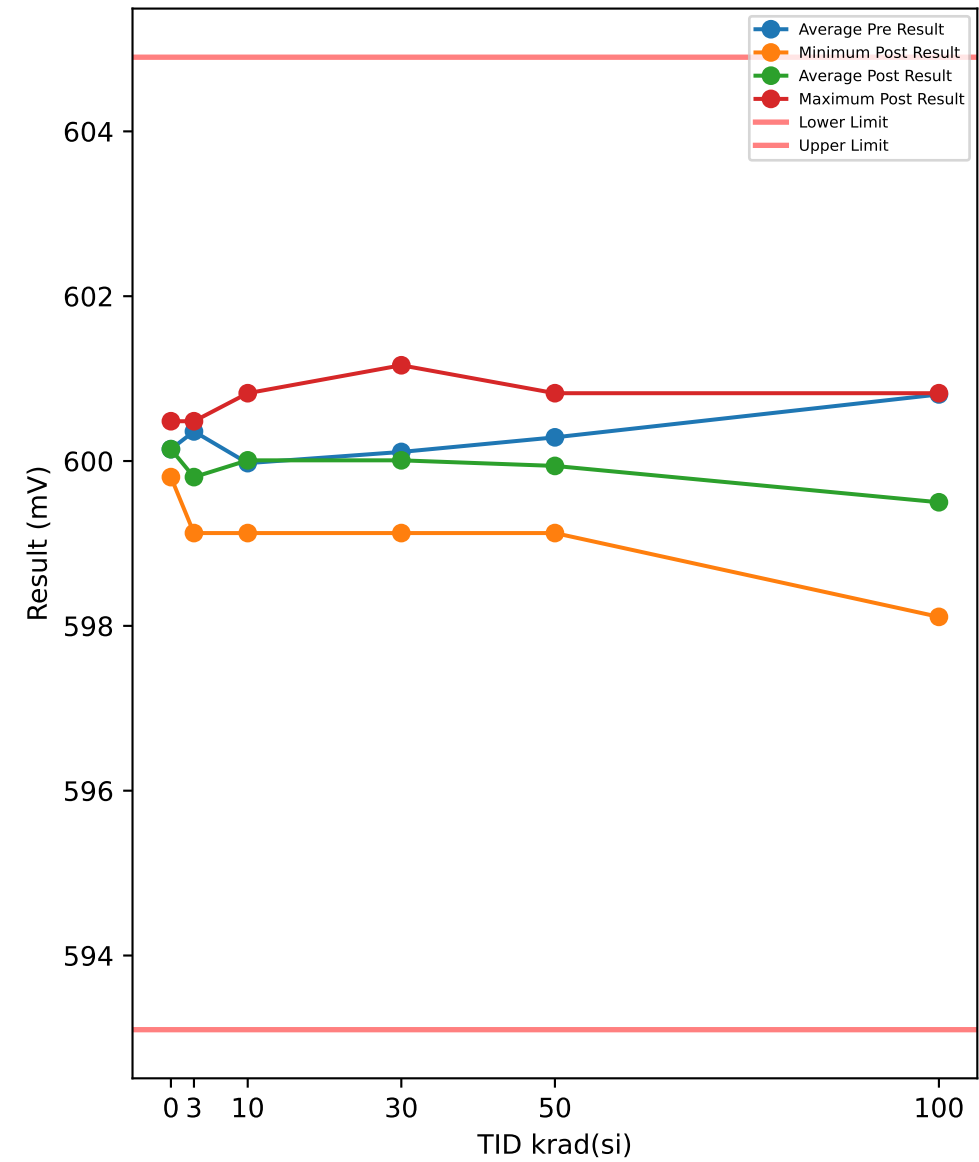
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	598.45	599.47	1.018
301	0	Correlation	598.45	598.79	0.339
302	0	Correlation	599.13	599.13	0
303	3	Bias	598.64	598.11	-0.527
304	3	Bias	598.64	598.11	-0.527
305	3	Bias	597.62	598.45	0.83
306	3	Bias	598.64	598.45	-0.188
307	3	Bias	598.3	598.11	-0.188
308	3	Unbiased	597.28	599.13	1.847
309	3	Unbiased	598.45	597.77	-0.679
310	3	Unbiased	599.13	598.79	-0.339
311	3	Unbiased	598.45	597.77	-0.679
312	3	Unbiased	597.77	598.11	0.34
313	10	Bias	597.77	598.11	0.34
314	10	Bias	597.43	597.77	0.339
315	10	Bias	598.79	598.45	-0.339
316	10	Bias	596.41	599.47	3.054
317	10	Bias	598.79	598.11	-0.678
318	10	Unbiased	599.8	599.13	-0.679
319	10	Unbiased	599.13	599.8	0.679
320	10	Unbiased	598.79	598.11	-0.678
321	10	Unbiased	598.79	598.45	-0.339
322	10	Unbiased	598.79	598.79	0
323	30	Bias	598.45	597.77	-0.679
324	30	Bias	598.79	599.13	0.339
325	30	Bias	599.47	598.45	-1.018
326	30	Bias	603.54	597.77	-5.768
327	30	Bias	598.11	598.45	0.339
328	30	Unbiased	599.47	599.47	0
329	30	Unbiased	598.45	598.45	0
330	30	Unbiased	599.13	599.13	0
331	30	Unbiased	598.11	597.77	-0.34
332	30	Unbiased	598.11	597.09	-1.018
333	50	Bias	600.14	599.13	-1.018
334	50	Bias	596.75	598.45	1.696
335	50	Bias	598.11	598.11	0
336	50	Bias	598.79	597.77	-1.018
337	50	Bias	598.45	598.11	-0.339
338	50	Unbiased	598.79	598.45	-0.339
339	50	Unbiased	596.6	599.13	2.526
340	50	Unbiased	598.64	597.77	-0.867
341	50	Unbiased	597.28	597.09	-0.188
342	50	Unbiased	597.96	598.79	0.83
343	100	Bias	599.65	597.77	-1.885
344	100	Bias	597.96	598.11	0.152
345	100	Bias	597.96	597.77	-0.188
346	100	Bias	597.28	597.77	0.49
347	100	Bias	598.98	600.14	1.169
348	100	Unbiased	595.58	597.77	2.187
349	100	Unbiased	597.96	597.43	-0.527
350	100	Unbiased	599.32	599.13	-0.189
351	100	Unbiased	597.96	597.09	-0.866
352	100	Unbiased	599.65	598.79	-0.867

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.45	598.67	599.13	0.39144	598.79	599.13	599.47	0.3395	0	0.45233	1.018	0.51838
3	597.28	598.29	599.13	0.56304	597.77	598.28	599.13	0.43055	-0.679	-0.011	1.847	0.80814
10	596.41	598.45	599.8	0.97288	597.77	598.62	599.8	0.66421	-0.679	0.1699	3.054	1.1225
30	598.11	599.16	603.54	1.6266	597.09	598.35	599.47	0.75102	-5.768	-0.8145	0.339	1.8109
50	596.6	598.15	600.14	1.0681	597.09	598.28	599.13	0.64458	-1.018	0.1283	2.526	1.1959
100	595.58	598.23	599.65	1.2473	597.09	598.18	600.14	0.91589	-1.885	-0.0524	2.187	1.1445

Device Test: 13.16 ; VTH_SENSE

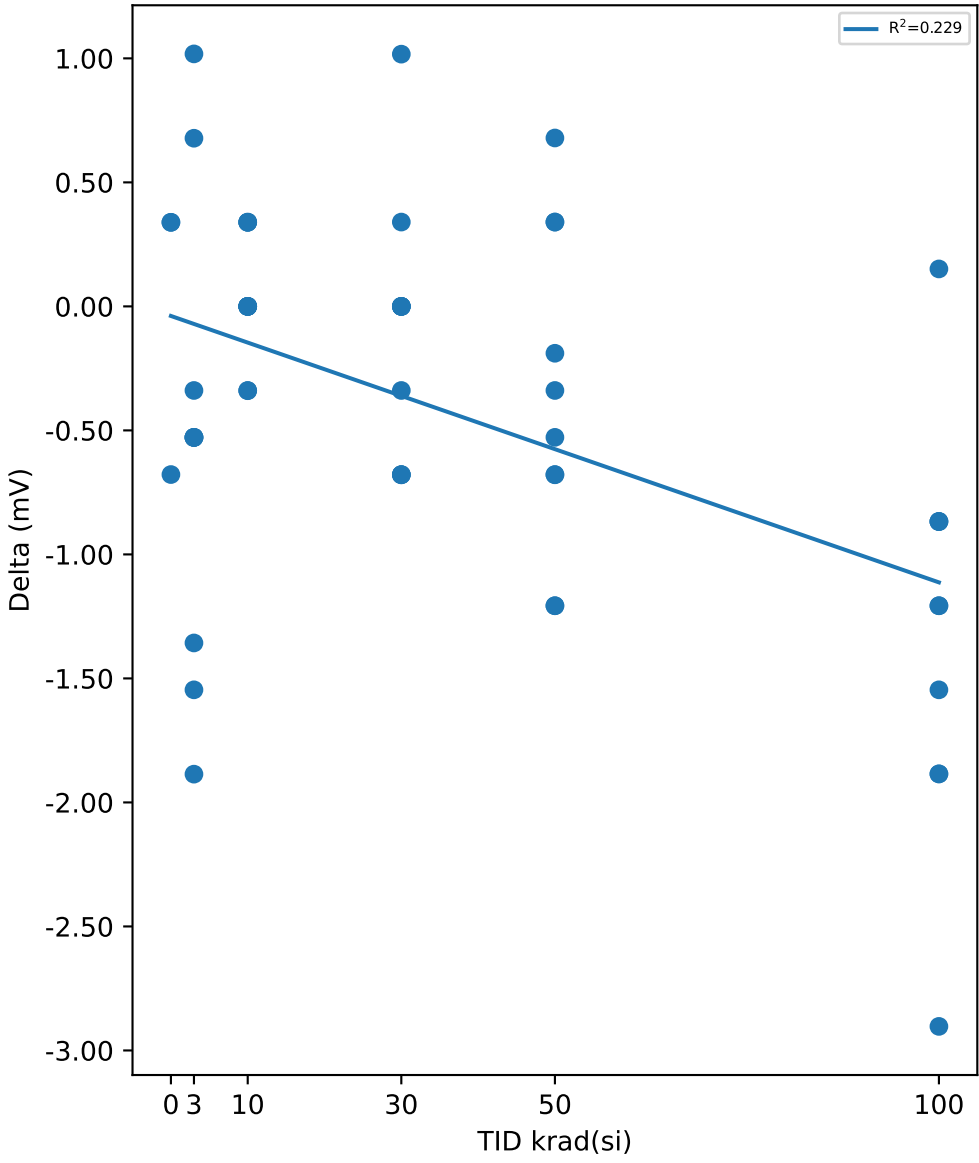
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.8	600.14	0.339
301	0	Correlation	600.48	599.8	-0.678
302	0	Correlation	600.14	600.48	0.339
303	3	Bias	600.33	599.8	-0.528
304	3	Bias	601.01	600.48	-0.529
305	3	Bias	600.33	599.8	-0.528
306	3	Bias	602.03	600.14	-1.886
307	3	Bias	600.33	599.8	-0.528
308	3	Unbiased	600.67	599.13	-1.546
309	3	Unbiased	599.47	600.14	0.678
310	3	Unbiased	600.82	599.47	-1.357
311	3	Unbiased	598.79	599.8	1.018
312	3	Unbiased	599.8	599.47	-0.339
313	10	Bias	599.47	599.13	-0.34
314	10	Bias	599.47	599.8	0.339
315	10	Bias	599.8	600.14	0.339
316	10	Bias	599.8	599.8	0
317	10	Bias	599.8	599.8	0
318	10	Unbiased	600.48	600.82	0.34
319	10	Unbiased	600.14	600.14	0
320	10	Unbiased	600.14	600.14	0
321	10	Unbiased	600.14	599.8	-0.339
322	10	Unbiased	600.48	600.48	0
323	30	Bias	600.14	599.47	-0.678
324	30	Bias	600.14	600.14	0
325	30	Bias	601.16	600.48	-0.679
326	30	Bias	599.47	600.48	1.017
327	30	Bias	599.13	599.47	0.34
328	30	Unbiased	601.16	601.16	0
329	30	Unbiased	599.47	599.47	0
330	30	Unbiased	601.16	600.82	-0.339
331	30	Unbiased	599.47	599.47	0
332	30	Unbiased	599.8	599.13	-0.679
333	50	Bias	601.5	600.82	-0.678
334	50	Bias	599.13	599.47	0.34
335	50	Bias	599.13	599.8	0.679
336	50	Bias	600.48	600.14	-0.339
337	50	Bias	599.8	599.13	-0.679
338	50	Unbiased	600.48	600.82	0.34
339	50	Unbiased	600.67	600.14	-0.528
340	50	Unbiased	599.99	599.8	-0.189
341	50	Unbiased	600.33	599.13	-1.207
342	50	Unbiased	601.35	600.14	-1.207
343	100	Bias	601.01	600.14	-0.868
344	100	Bias	599.65	599.8	0.151
345	100	Bias	600.67	599.13	-1.546
346	100	Bias	600.33	599.47	-0.867
347	100	Bias	602.71	600.82	-1.885
348	100	Unbiased	601.01	598.11	-2.903
349	100	Unbiased	599.99	598.79	-1.207
350	100	Unbiased	601.69	599.8	-1.885
351	100	Unbiased	599.32	598.45	-0.867
352	100	Unbiased	601.69	600.48	-1.207

TID vs Post - Pre Exposure Delta

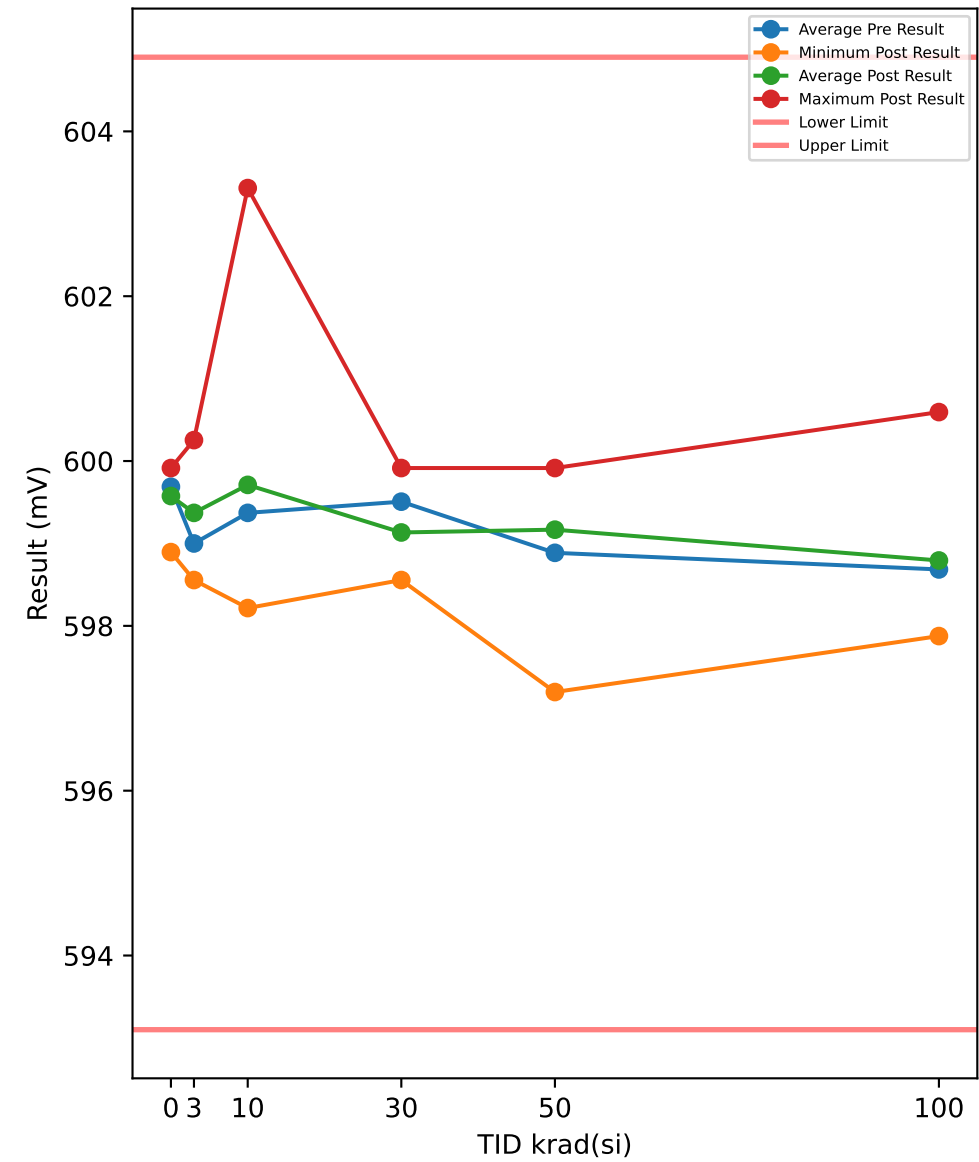


Test Statistics (mV)

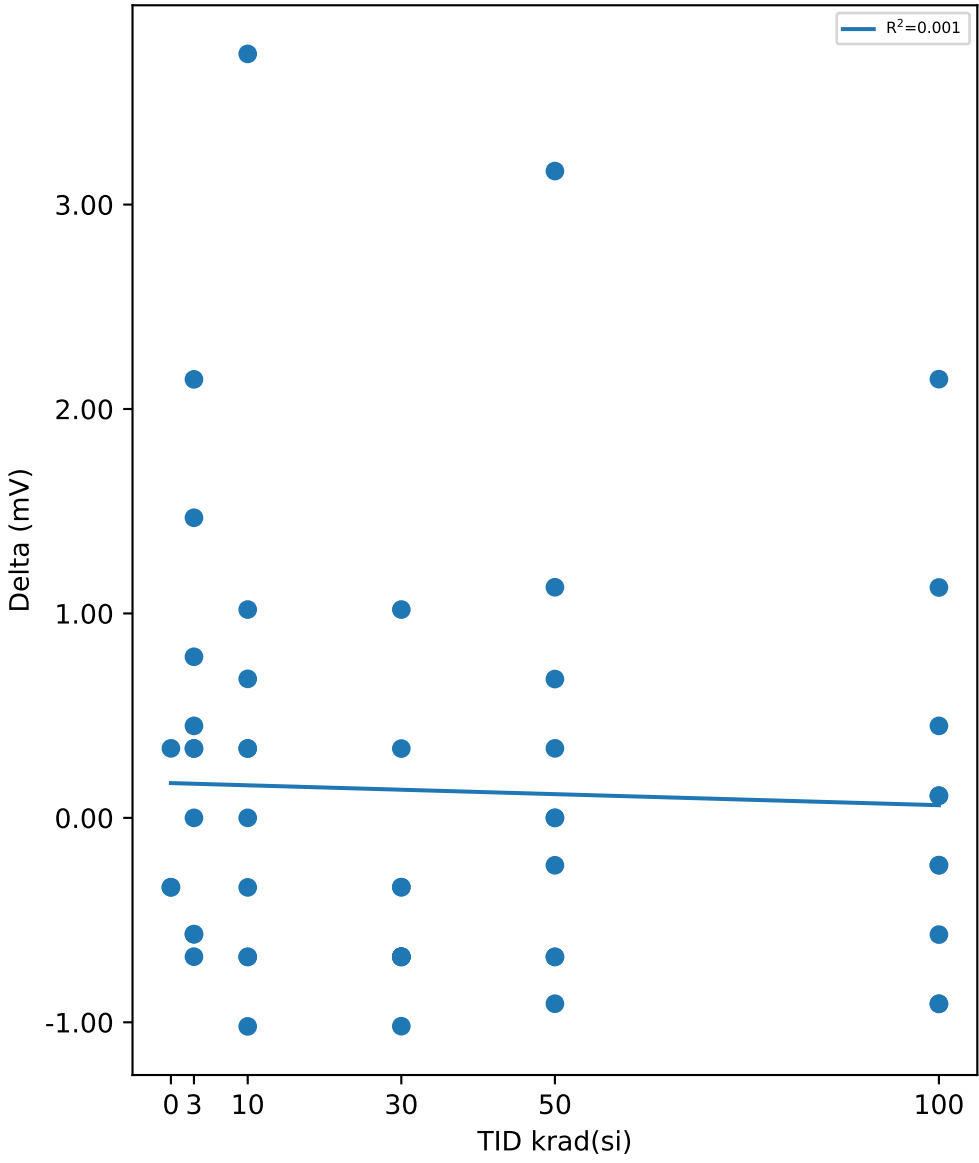
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.8	600.14	600.48	0.339	599.8	600.14	600.48	0.339	-0.678	0	0.339	0.58717
3	598.79	600.36	602.03	0.88879	599.13	599.8	600.48	0.39164	-1.886	-0.5545	1.018	0.90927
10	599.47	599.97	600.48	0.36616	599.13	600.01	600.82	0.45803	-0.34	0.0339	0.34	0.25044
30	599.13	600.11	601.16	0.79077	599.13	600.01	601.16	0.70069	-0.679	-0.1018	1.017	0.53155
50	599.13	600.29	601.5	0.80602	599.13	599.94	600.82	0.60282	-1.207	-0.3468	0.679	0.64579
100	599.32	600.81	602.71	1.039	598.11	599.5	600.82	0.88245	-2.903	-1.3084	0.151	0.81637

Device Test: 13.17 ; VTH_SENSE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



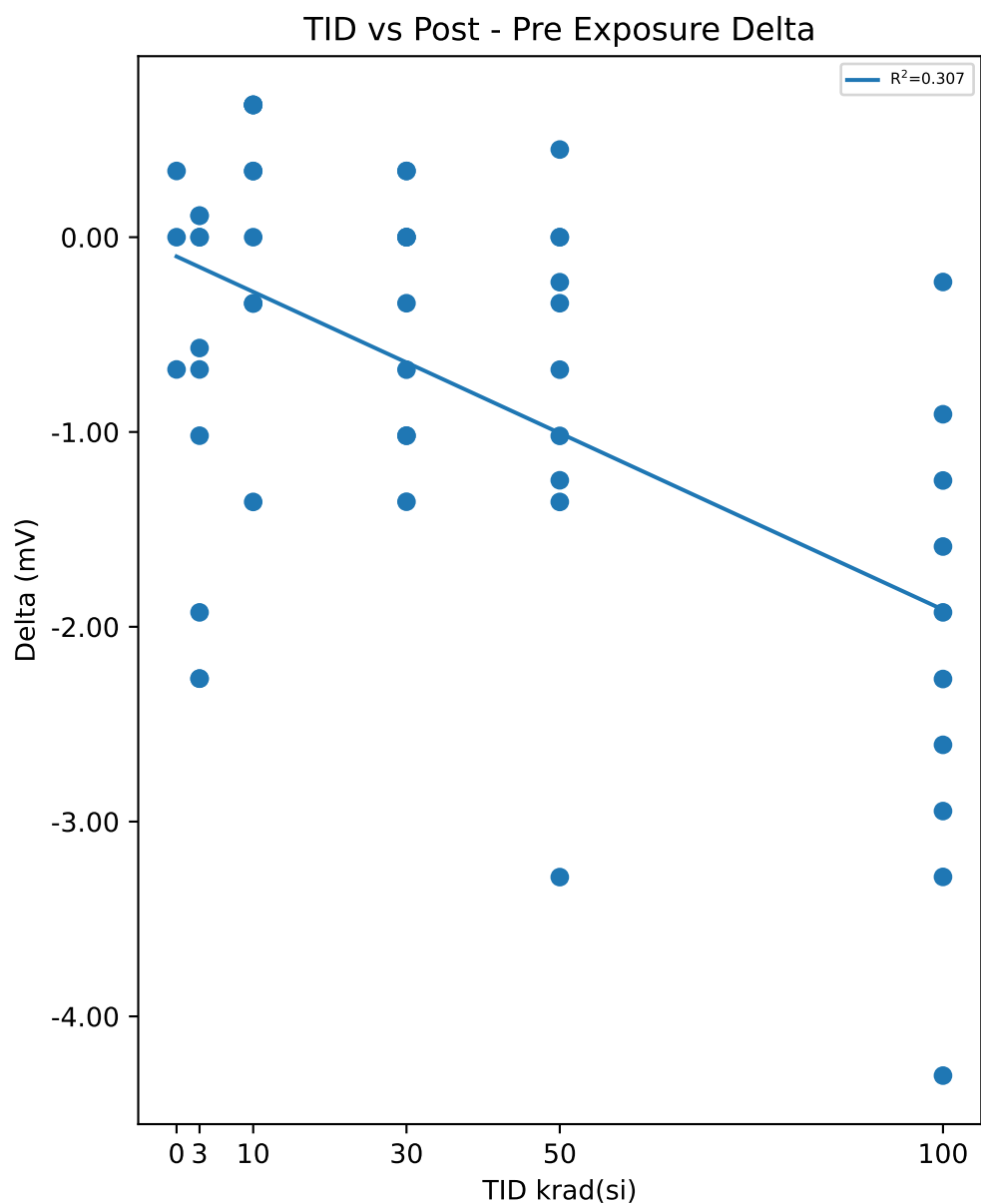
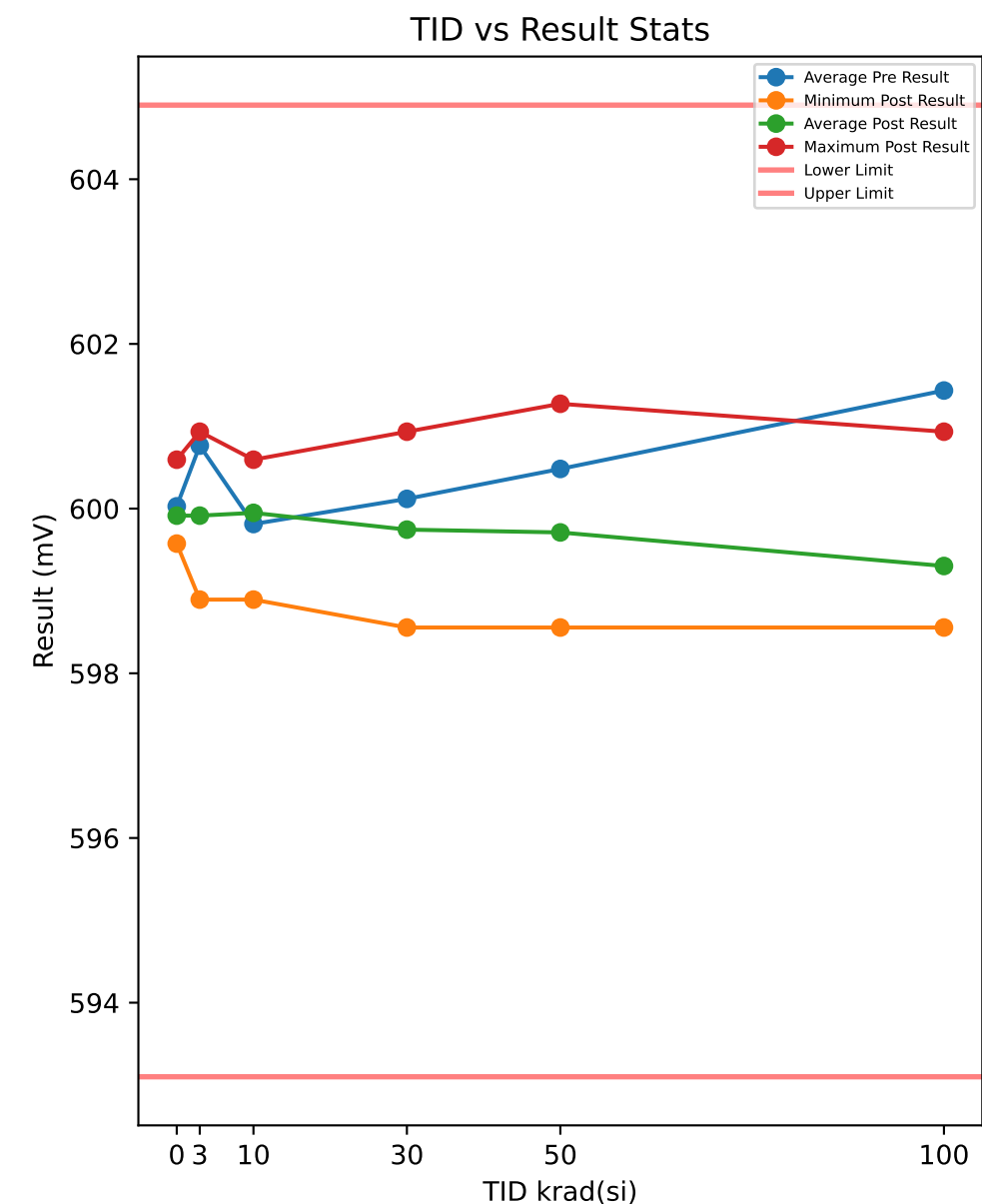
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.25	599.91	-0.339
301	0	Correlation	599.58	599.91	0.34
302	0	Correlation	599.24	598.89	-0.34
303	3	Bias	596.75	598.89	2.145
304	3	Bias	600.14	599.58	-0.569
305	3	Bias	599.47	599.91	0.45
306	3	Bias	600.14	599.58	-0.569
307	3	Bias	598.45	599.24	0.788
308	3	Unbiased	598.79	600.25	1.468
309	3	Unbiased	598.56	598.89	0.339
310	3	Unbiased	599.58	599.58	0
311	3	Unbiased	598.89	599.24	0.34
312	3	Unbiased	599.24	598.56	-0.679
313	10	Bias	598.89	598.89	0
314	10	Bias	598.56	598.89	0.339
315	10	Bias	599.91	599.24	-0.68
316	10	Bias	599.91	598.89	-1.02
317	10	Bias	599.58	598.89	-0.68
318	10	Unbiased	600.25	600.93	0.68
319	10	Unbiased	598.56	598.22	-0.34
320	10	Unbiased	599.58	603.31	3.737
321	10	Unbiased	599.24	600.25	1.019
322	10	Unbiased	599.24	599.58	0.34
323	30	Bias	599.58	598.56	-1.019
324	30	Bias	599.24	598.56	-0.679
325	30	Bias	600.25	599.58	-0.679
326	30	Bias	599.58	598.89	-0.68
327	30	Bias	599.58	598.89	-0.68
328	30	Unbiased	600.25	599.91	-0.339
329	30	Unbiased	598.56	598.89	0.339
330	30	Unbiased	600.25	599.91	-0.339
331	30	Unbiased	599.91	599.24	-0.68
332	30	Unbiased	597.88	598.89	1.019
333	50	Bias	599.91	599.91	0
334	50	Bias	598.56	599.24	0.679
335	50	Bias	598.89	599.24	0.34
336	50	Bias	599.58	598.89	-0.68
337	50	Bias	599.91	599.24	-0.68
338	50	Unbiased	599.91	599.91	0
339	50	Unbiased	600.14	599.24	-0.909
340	50	Unbiased	596.07	599.24	3.164
341	50	Unbiased	597.43	597.2	-0.232
342	50	Unbiased	598.45	599.58	1.128
343	100	Bias	600.14	599.24	-0.909
344	100	Bias	598.11	597.88	-0.232
345	100	Bias	599.8	598.89	-0.91
346	100	Bias	597.77	597.88	0.108
347	100	Bias	600.14	600.59	0.45
348	100	Unbiased	598.45	598.56	0.109
349	100	Unbiased	597.43	598.56	1.127
350	100	Unbiased	597.43	599.58	2.146
351	100	Unbiased	598.45	597.88	-0.571
352	100	Unbiased	599.13	598.89	-0.231

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.24	599.69	600.25	0.51881	598.89	599.57	599.91	0.5889	-0.34	-0.113	0.34	0.39231
3	596.75	599	600.14	0.99117	598.56	599.37	600.25	0.51152	-0.679	0.3713	2.145	0.9153
10	598.56	599.37	600.25	0.58184	598.22	599.71	603.31	1.487	-1.02	0.3395	3.737	1.3591
30	597.88	599.51	600.25	0.78123	598.56	599.13	599.91	0.50785	-1.019	-0.3737	1.019	0.60866
50	596.07	598.89	600.14	1.3158	597.2	599.17	599.91	0.76474	-0.909	0.281	3.164	1.1961
100	597.43	598.68	600.14	1.0619	597.88	598.79	600.59	0.86322	-0.91	0.1087	2.146	0.94698

Device Test: 13.18 ; VTH_SENSE



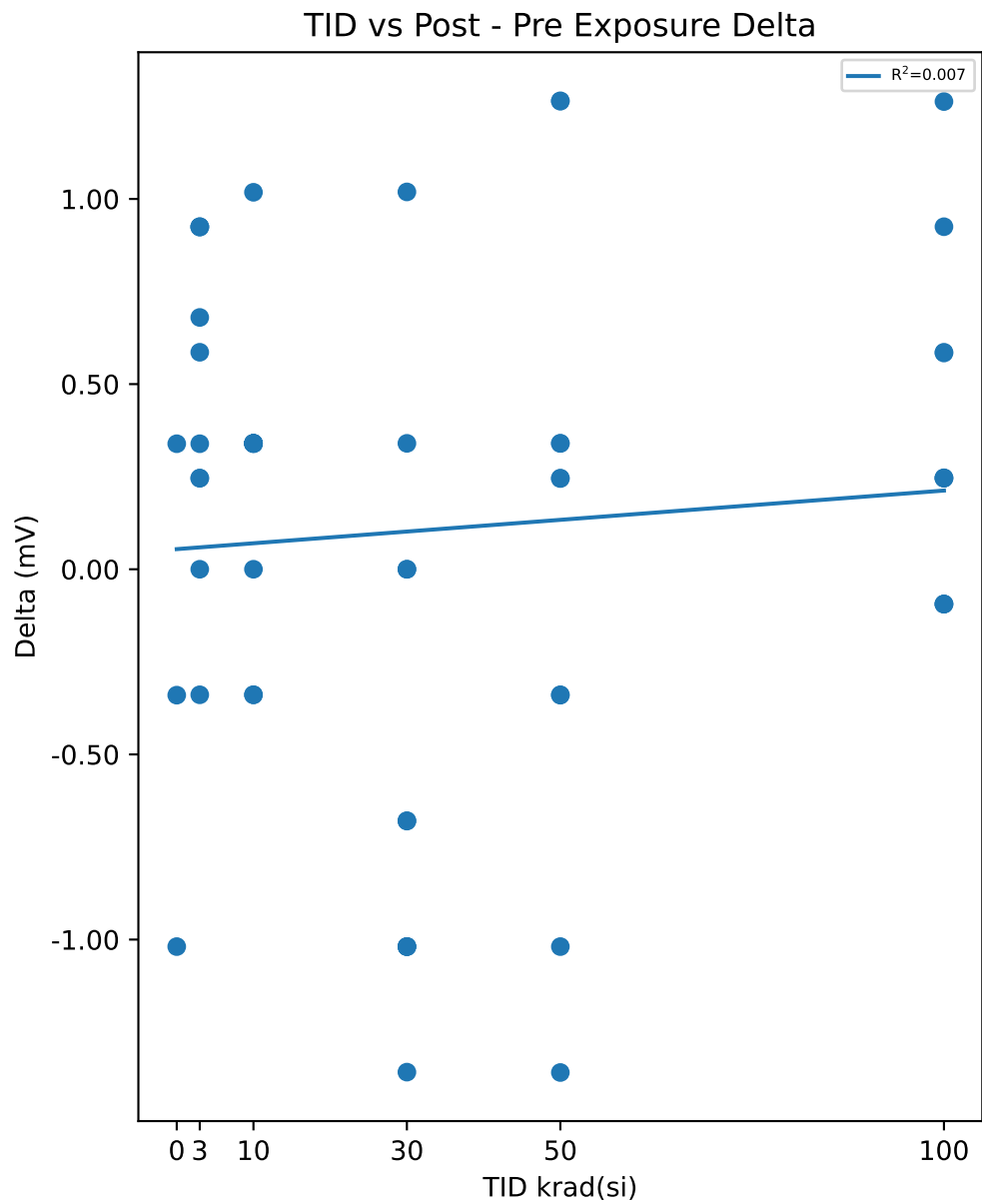
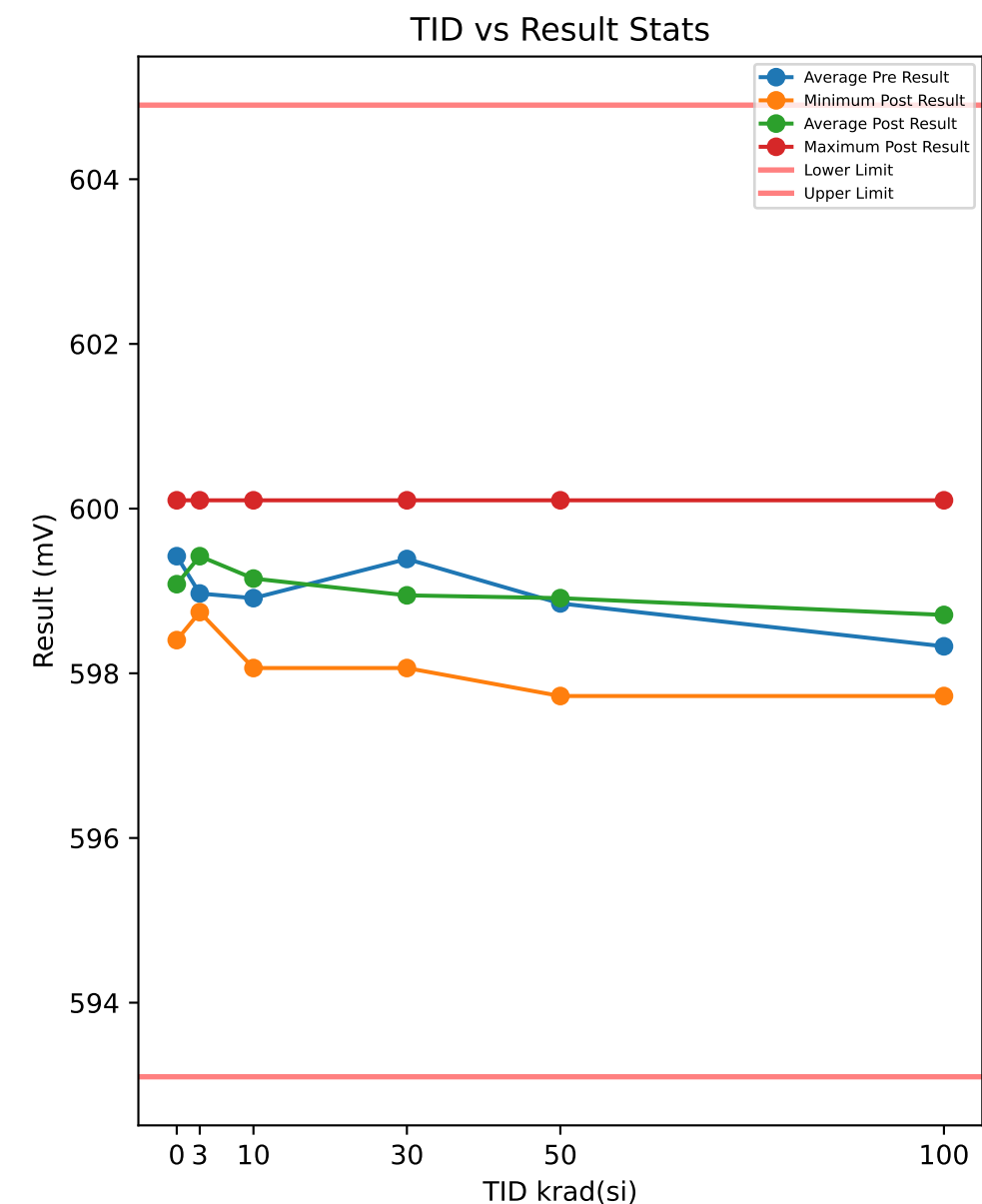
Test Results (Lower Limit = 593.1,
Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.25	599.58	-0.679
301	0	Correlation	600.59	600.59	0
302	0	Correlation	599.24	599.58	0.34
303	3	Bias	600.14	599.58	-0.569
304	3	Bias	601.84	599.91	-1.926
305	3	Bias	602.18	599.91	-2.266
306	3	Bias	600.82	600.93	0.111
307	3	Bias	602.18	599.91	-2.266
308	3	Unbiased	600.48	600.59	0.11
309	3	Unbiased	600.59	600.59	0
310	3	Unbiased	600.25	599.58	-0.679
311	3	Unbiased	600.25	599.24	-1.019
312	3	Unbiased	598.89	598.89	0
313	10	Bias	599.24	599.91	0.68
314	10	Bias	599.58	599.91	0.34
315	10	Bias	600.25	600.25	0
316	10	Bias	600.59	599.24	-1.359
317	10	Bias	599.58	599.24	-0.34
318	10	Unbiased	600.93	600.59	-0.34
319	10	Unbiased	598.22	598.89	0.679
320	10	Unbiased	599.91	600.59	0.679
321	10	Unbiased	599.91	600.25	0.339
322	10	Unbiased	599.91	600.59	0.679
323	30	Bias	600.25	599.24	-1.019
324	30	Bias	599.58	598.56	-1.019
325	30	Bias	600.25	600.25	0
326	30	Bias	599.58	599.58	0
327	30	Bias	600.25	599.91	-0.339
328	30	Unbiased	601.27	599.91	-1.358
329	30	Unbiased	598.89	599.24	0.34
330	30	Unbiased	600.93	600.93	0
331	30	Unbiased	600.25	600.59	0.34
332	30	Unbiased	599.91	599.24	-0.68
333	50	Bias	600.25	599.91	-0.339
334	50	Bias	599.58	599.58	0
335	50	Bias	599.91	598.56	-1.359
336	50	Bias	599.91	599.24	-0.68
337	50	Bias	599.91	598.89	-1.02
338	50	Unbiased	601.27	601.27	0
339	50	Unbiased	601.16	599.91	-1.248
340	50	Unbiased	602.86	599.58	-3.285
341	50	Unbiased	599.13	598.89	-0.231
342	50	Unbiased	600.82	601.27	0.45
343	100	Bias	603.54	599.24	-4.304
344	100	Bias	599.47	598.56	-0.909
345	100	Bias	601.84	599.24	-2.606
346	100	Bias	600.14	598.56	-1.588
347	100	Bias	604.22	600.93	-3.284
348	100	Unbiased	602.18	599.24	-2.946
349	100	Unbiased	599.47	599.24	-0.23
350	100	Unbiased	601.84	599.91	-1.926
351	100	Unbiased	600.48	599.24	-1.249
352	100	Unbiased	601.16	598.89	-2.268

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.24	600.03	600.59	0.70721	599.58	599.91	600.59	0.58832	-0.679	-0.113	0.34	0.51881
3	598.89	600.77	602.18	1.0373	598.89	599.91	600.93	0.6407	-2.266	-0.8504	0.111	0.97723
10	598.22	599.81	600.93	0.75204	598.89	599.95	600.59	0.62955	-1.359	0.1357	0.68	0.66416
30	598.89	600.12	601.27	0.68317	598.56	599.74	600.93	0.72067	-1.358	-0.3735	0.34	0.60868
50	599.13	600.48	602.86	1.0821	598.56	599.71	601.27	0.93644	-3.285	-0.7712	0.45	1.0605
100	599.47	601.43	604.22	1.6147	598.56	599.3	600.93	0.69445	-4.304	-2.131	-0.23	1.2102

Device Test: 13.19 ; VTH_SENSE

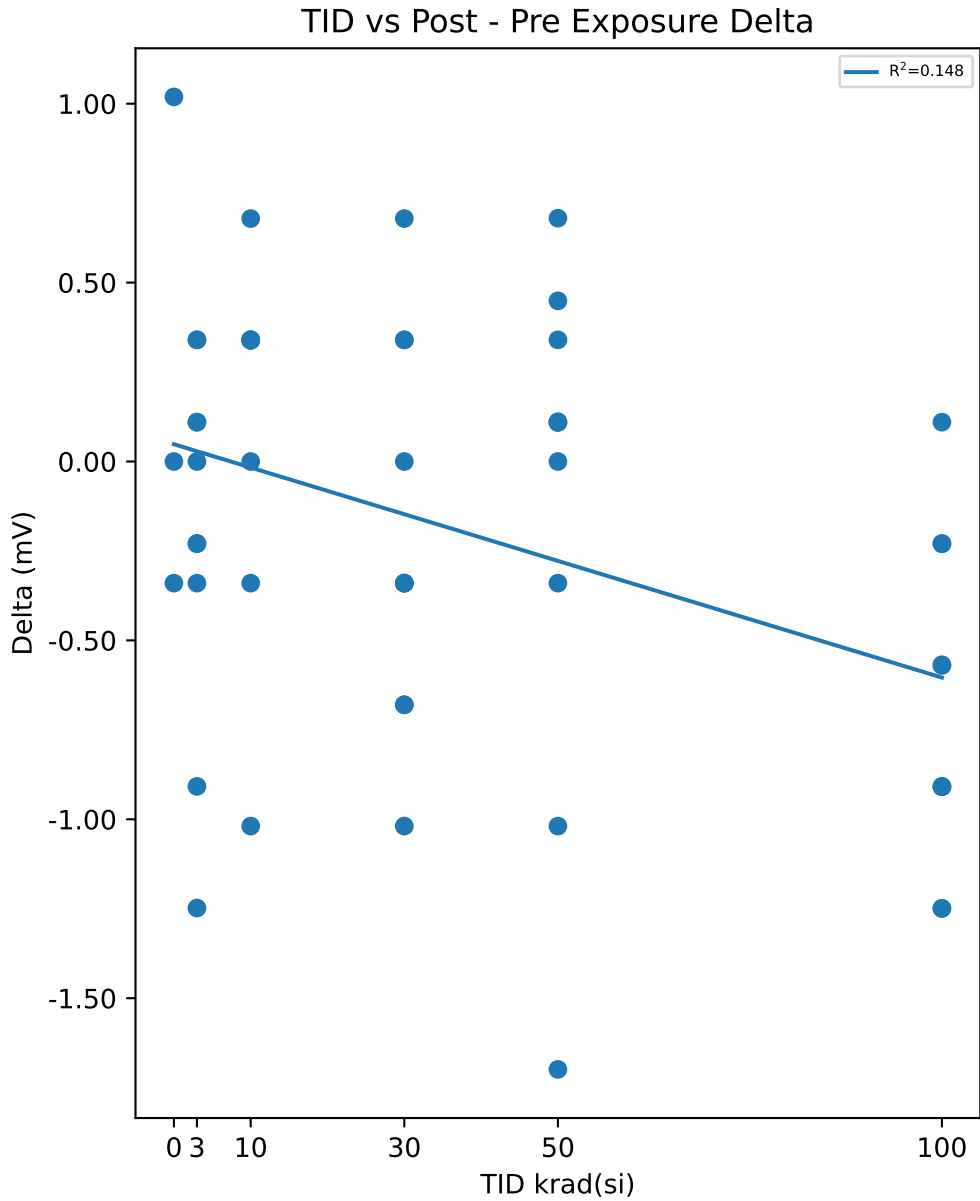
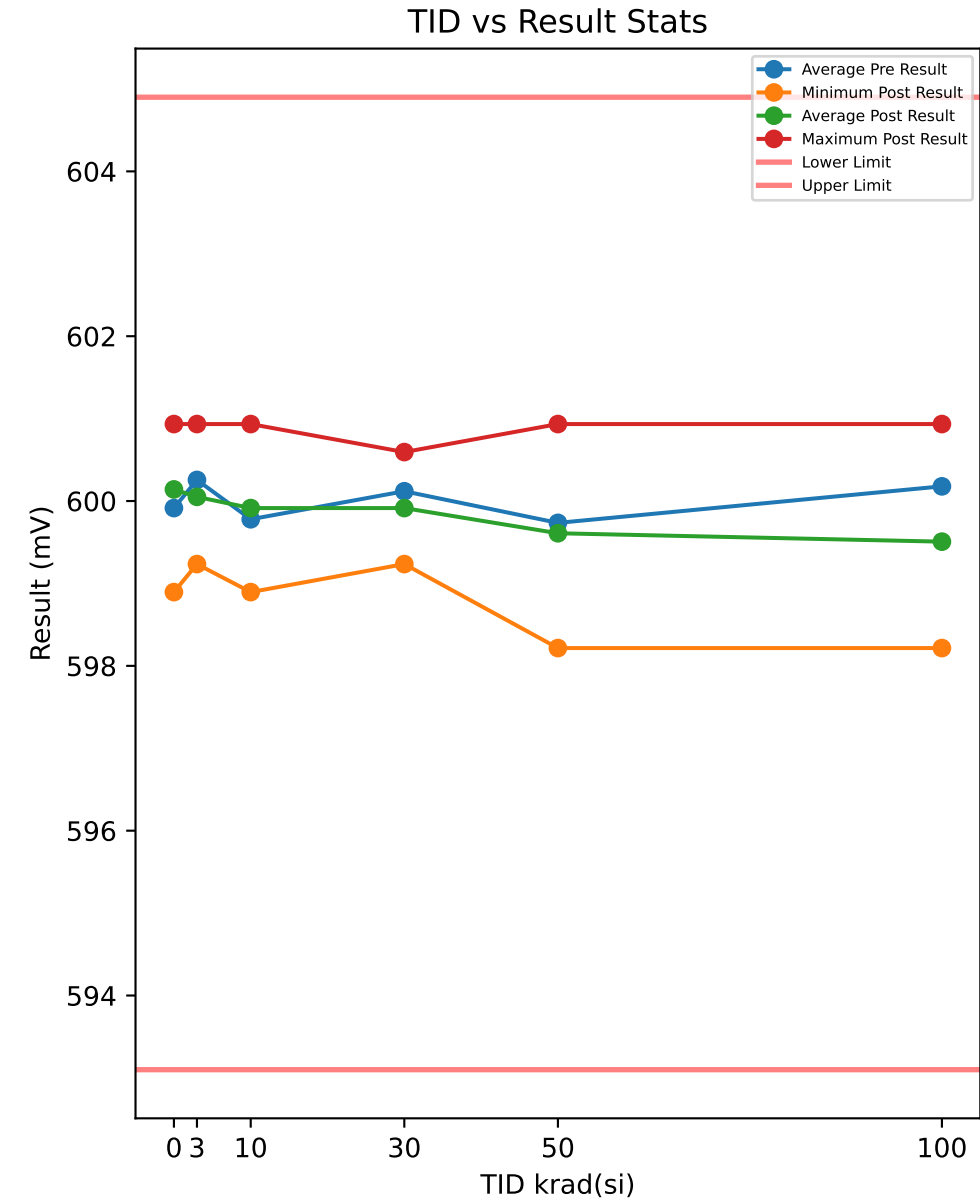


Test Results (Lower Limit = 593.1,
Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.76	598.74	-1.019
301	0	Correlation	599.76	600.1	0.339
302	0	Correlation	598.74	598.4	-0.34
303	3	Bias	598.5	599.42	0.925
304	3	Bias	598.84	599.08	0.246
305	3	Bias	598.84	599.08	0.246
306	3	Bias	599.18	599.76	0.586
307	3	Bias	599.18	600.1	0.925
308	3	Unbiased	597.82	598.74	0.924
309	3	Unbiased	599.76	600.1	0.339
310	3	Unbiased	599.42	599.08	-0.339
311	3	Unbiased	599.76	599.76	0
312	3	Unbiased	598.4	599.08	0.68
313	10	Bias	598.4	598.06	-0.339
314	10	Bias	599.08	600.1	1.018
315	10	Bias	598.4	598.74	0.34
316	10	Bias	599.42	599.76	0.34
317	10	Bias	598.74	599.08	0.34
318	10	Unbiased	599.76	600.1	0.339
319	10	Unbiased	598.4	598.74	0.34
320	10	Unbiased	599.42	599.08	-0.339
321	10	Unbiased	598.74	598.74	0
322	10	Unbiased	598.74	599.08	0.34
323	30	Bias	599.08	599.08	0
324	30	Bias	598.4	599.42	1.019
325	30	Bias	600.44	599.42	-1.019
326	30	Bias	598.74	598.06	-0.679
327	30	Bias	599.42	598.4	-1.019
328	30	Unbiased	600.1	600.1	0
329	30	Unbiased	599.08	598.4	-0.68
330	30	Unbiased	600.44	599.42	-1.019
331	30	Unbiased	599.42	598.06	-1.358
332	30	Unbiased	598.74	599.08	0.34
333	50	Bias	599.08	598.74	-0.34
334	50	Bias	598.4	598.74	0.34
335	50	Bias	599.08	597.72	-1.359
336	50	Bias	599.42	599.08	-0.339
337	50	Bias	599.42	598.4	-1.019
338	50	Unbiased	599.42	599.76	0.34
339	50	Unbiased	598.5	598.74	0.246
340	50	Unbiased	598.5	599.76	1.265
341	50	Unbiased	597.82	598.06	0.245
342	50	Unbiased	598.84	600.1	1.264
343	100	Bias	598.5	598.74	0.246
344	100	Bias	597.14	598.4	1.263
345	100	Bias	598.5	598.74	0.246
346	100	Bias	598.5	598.4	-0.094
347	100	Bias	599.85	600.1	0.247
348	100	Unbiased	598.84	598.74	-0.094
349	100	Unbiased	597.14	597.72	0.584
350	100	Unbiased	598.5	599.08	0.586
351	100	Unbiased	598.16	598.06	-0.094
352	100	Unbiased	598.16	599.08	0.925

Test Statistics (mV)

krad(s)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.74	599.42	599.76	0.58832	598.4	599.08	600.1	0.89842	-1.019	-0.34	0.339	0.679
3	597.82	598.97	599.76	0.61906	598.74	599.42	600.1	0.48005	-0.339	0.4532	0.925	0.43048
10	598.4	598.91	599.76	0.48704	598.06	599.15	600.1	0.65601	-0.339	0.2379	1.018	0.39344
30	598.4	599.39	600.44	0.72393	598.06	598.95	600.1	0.68287	-1.358	-0.4415	1.019	0.75184
50	597.82	598.85	599.42	0.53772	597.72	598.91	600.1	0.77195	-1.359	0.0643	1.265	0.85791
100	597.14	598.33	599.85	0.78758	597.72	598.71	600.1	0.64931	-0.094	0.3815	1.263	0.45806



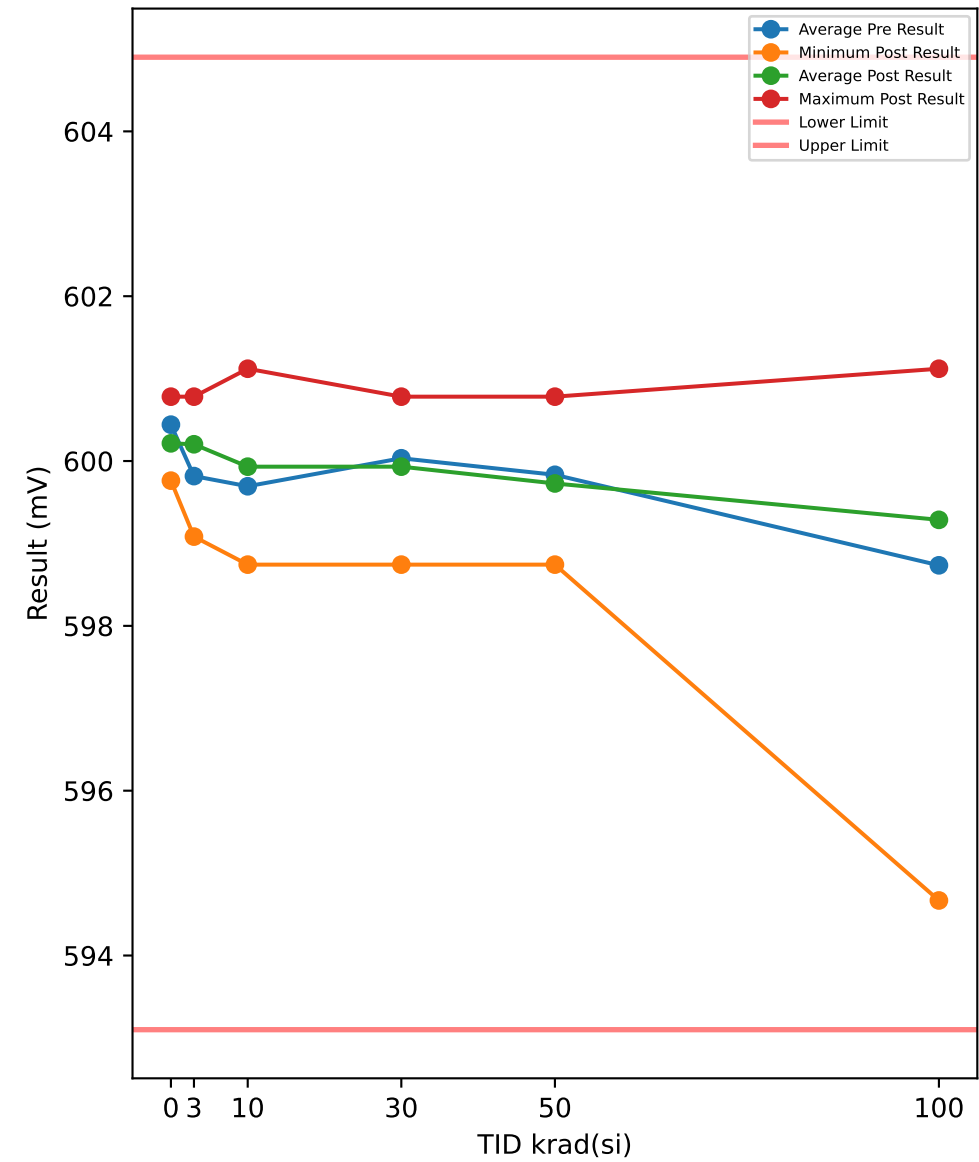
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.59	600.59	0
301	0	Correlation	599.91	600.93	1.019
302	0	Correlation	599.24	598.89	-0.34
303	3	Bias	599.47	599.58	0.11
304	3	Bias	600.48	600.25	-0.23
305	3	Bias	600.82	599.58	-1.248
306	3	Bias	601.5	600.59	-0.908
307	3	Bias	599.8	599.91	0.11
308	3	Unbiased	601.16	600.93	-0.229
309	3	Unbiased	599.58	599.91	0.34
310	3	Unbiased	600.59	600.93	0.34
311	3	Unbiased	599.58	599.58	0
312	3	Unbiased	599.58	599.24	-0.34
313	10	Bias	598.56	598.89	0.339
314	10	Bias	599.58	599.91	0.34
315	10	Bias	599.91	600.59	0.679
316	10	Bias	600.59	600.25	-0.34
317	10	Bias	598.89	599.24	0.34
318	10	Unbiased	600.59	600.93	0.34
319	10	Unbiased	598.56	598.89	0.339
320	10	Unbiased	599.91	600.25	0.339
321	10	Unbiased	600.59	599.58	-1.019
322	10	Unbiased	600.59	600.59	0
323	30	Bias	599.91	599.91	0
324	30	Bias	599.58	599.24	-0.34
325	30	Bias	600.59	599.58	-1.019
326	30	Bias	599.58	599.91	0.34
327	30	Bias	600.59	600.25	-0.34
328	30	Unbiased	599.91	600.59	0.679
329	30	Unbiased	599.91	599.24	-0.68
330	30	Unbiased	600.25	600.59	0.34
331	30	Unbiased	600.93	600.59	-0.34
332	30	Unbiased	599.91	599.24	-0.68
333	50	Bias	599.91	599.58	-0.34
334	50	Bias	598.89	599.58	0.68
335	50	Bias	599.91	598.22	-1.699
336	50	Bias	599.58	598.56	-1.019
337	50	Bias	599.91	599.91	0
338	50	Unbiased	600.59	600.93	0.34
339	50	Unbiased	600.14	600.25	0.11
340	50	Unbiased	599.13	599.58	0.449
341	50	Unbiased	598.45	598.56	0.109
342	50	Unbiased	600.82	600.93	0.111
343	100	Bias	600.48	599.58	-0.909
344	100	Bias	599.47	598.22	-1.249
345	100	Bias	599.8	599.91	0.11
346	100	Bias	600.14	599.24	-0.909
347	100	Bias	601.5	600.93	-0.568
348	100	Unbiased	599.8	599.58	-0.23
349	100	Unbiased	599.8	598.56	-1.249
350	100	Unbiased	600.82	599.91	-0.908
351	100	Unbiased	599.8	599.24	-0.57
352	100	Unbiased	600.14	599.91	-0.229

Test Statistics (mV)

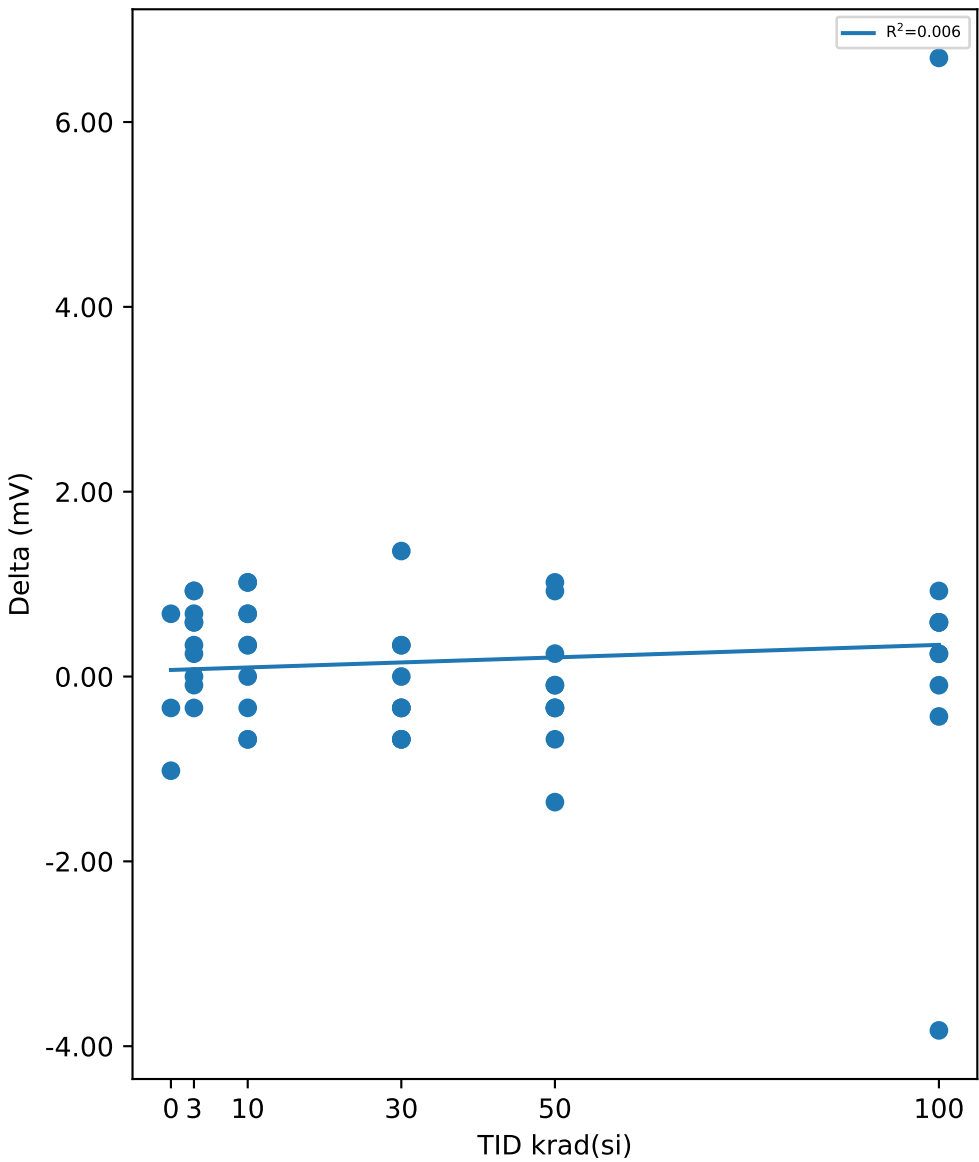
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.24	599.91	600.59	0.6795	598.89	600.14	600.93	1.0924	-0.34	0.22633	1.019	0.70721
3	599.47	600.26	601.5	0.75154	599.24	600.05	600.93	0.60351	-1.248	-0.2055	0.34	0.52026
10	598.56	599.78	600.59	0.85039	598.89	599.91	600.93	0.73402	-1.019	0.1357	0.679	0.48562
30	599.58	600.12	600.93	0.4585	599.24	599.91	600.59	0.57743	-1.019	-0.204	0.679	0.53604
50	598.45	599.73	600.82	0.7414	598.22	599.61	600.93	0.9535	-1.699	-0.1259	0.68	0.72249
100	599.47	600.18	601.5	0.60826	598.22	599.51	600.93	0.76478	-1.249	-0.6711	0.11	0.45439

Device Test: 13.20 ; VTH_SENSE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

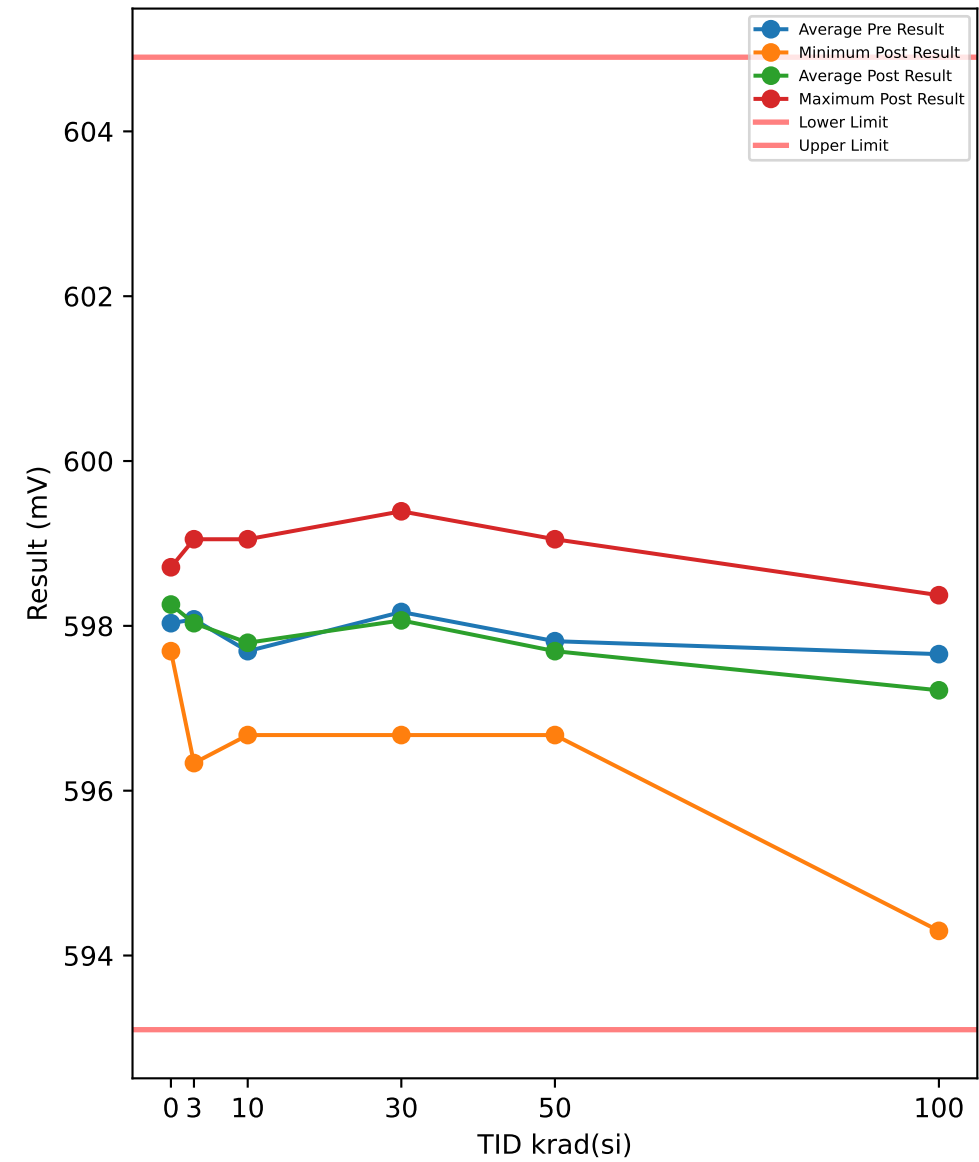
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.44	600.1	-0.34
301	0	Correlation	601.8	600.78	-1.019
302	0	Correlation	599.08	599.76	0.679
303	3	Bias	600.19	600.78	0.587
304	3	Bias	598.5	599.08	0.586
305	3	Bias	599.85	600.1	0.247
306	3	Bias	599.51	600.44	0.926
307	3	Bias	599.85	600.78	0.927
308	3	Unbiased	600.19	600.1	-0.093
309	3	Unbiased	600.1	600.1	0
310	3	Unbiased	600.1	600.78	0.68
311	3	Unbiased	600.44	600.1	-0.34
312	3	Unbiased	599.42	599.76	0.34
313	10	Bias	598.74	599.42	0.679
314	10	Bias	600.78	600.1	-0.68
315	10	Bias	599.08	600.1	1.018
316	10	Bias	600.1	599.42	-0.679
317	10	Bias	599.42	599.76	0.34
318	10	Unbiased	600.78	601.12	0.339
319	10	Unbiased	598.74	598.74	0
320	10	Unbiased	600.1	599.76	-0.339
321	10	Unbiased	599.76	600.44	0.679
322	10	Unbiased	599.42	600.44	1.019
323	30	Bias	599.76	599.42	-0.34
324	30	Bias	599.76	600.1	0.339
325	30	Bias	601.46	600.78	-0.679
326	30	Bias	599.08	600.44	1.358
327	30	Bias	600.1	599.76	-0.339
328	30	Unbiased	600.78	600.78	0
329	30	Unbiased	599.08	599.42	0.339
330	30	Unbiased	601.12	600.78	-0.339
331	30	Unbiased	599.42	598.74	-0.679
332	30	Unbiased	599.76	599.08	-0.679
333	50	Bias	599.76	600.78	1.019
334	50	Bias	599.42	599.08	-0.339
335	50	Bias	599.76	599.42	-0.34
336	50	Bias	600.78	599.42	-1.359
337	50	Bias	600.1	599.76	-0.339
338	50	Unbiased	600.44	599.76	-0.679
339	50	Unbiased	599.51	599.42	-0.093
340	50	Unbiased	599.18	600.1	0.925
341	50	Unbiased	598.84	598.74	-0.094
342	50	Unbiased	600.53	600.78	0.248
343	100	Bias	599.85	600.1	0.247
344	100	Bias	598.5	594.67	-3.829
345	100	Bias	599.51	600.44	0.926
346	100	Bias	598.84	598.74	-0.094
347	100	Bias	594.43	601.12	6.694
348	100	Unbiased	598.84	599.08	0.246
349	100	Unbiased	598.5	599.08	0.586
350	100	Unbiased	599.85	600.44	0.587
351	100	Unbiased	599.85	599.42	-0.432
352	100	Unbiased	599.18	599.76	0.586

Test Statistics (mV)

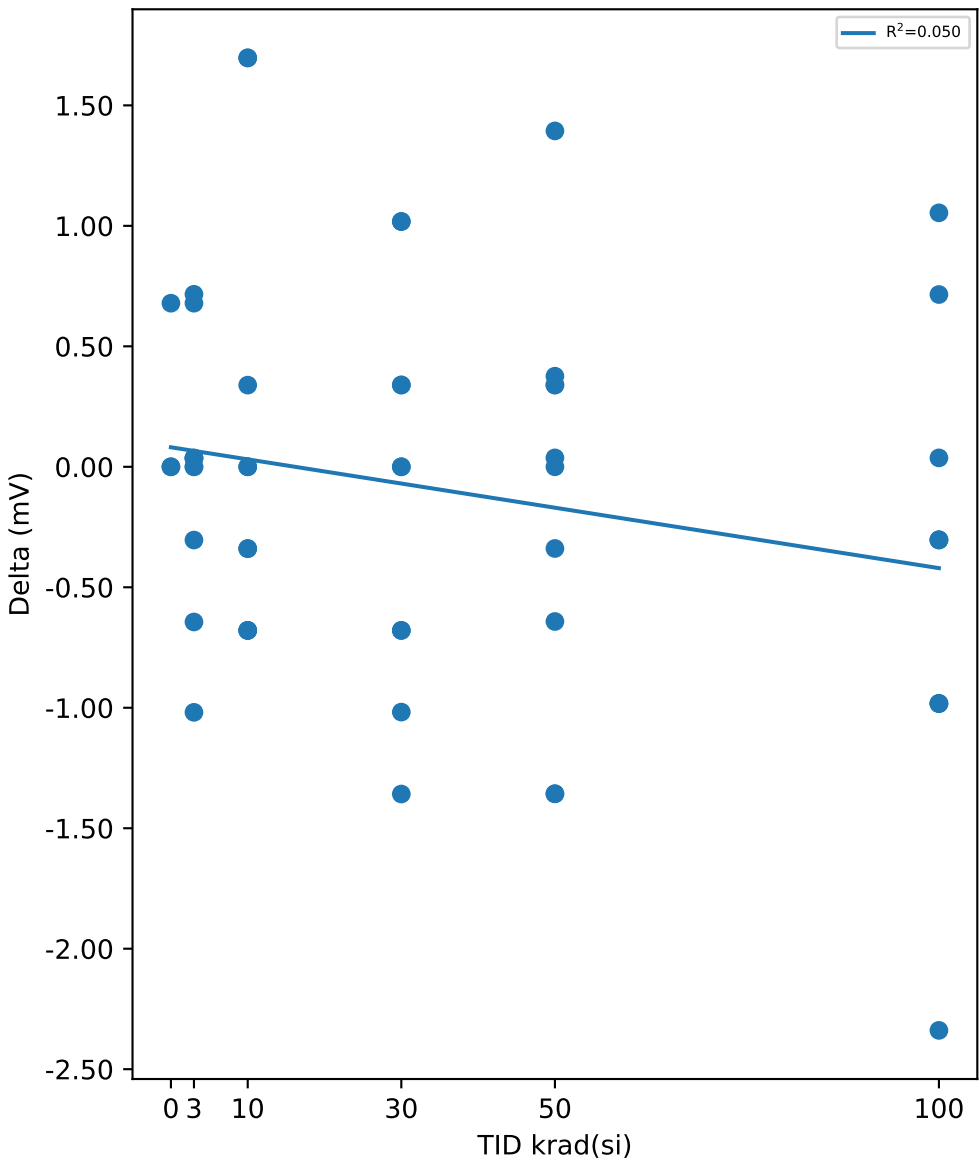
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.08	600.44	601.8	1.3585	599.76	600.21	600.78	0.51892	-1.019	-0.22667	0.679	0.85465
3	598.5	599.82	600.44	0.56049	599.08	600.2	600.78	0.53223	-0.34	0.386	0.927	0.4318
10	598.74	599.69	600.78	0.74753	598.74	599.93	601.12	0.66486	-0.68	0.2376	1.019	0.64128
30	599.08	600.03	601.46	0.8287	598.74	599.93	600.78	0.75525	-0.679	-0.1019	1.358	0.64107
50	598.84	599.83	600.78	0.62663	598.74	599.73	600.78	0.66885	-1.359	-0.1051	1.019	0.70835
100	594.43	598.73	599.85	1.6077	594.67	599.29	601.12	1.784	-3.829	0.5517	6.694	2.5524

Device Test: 13.21 ; VTH_SENSE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



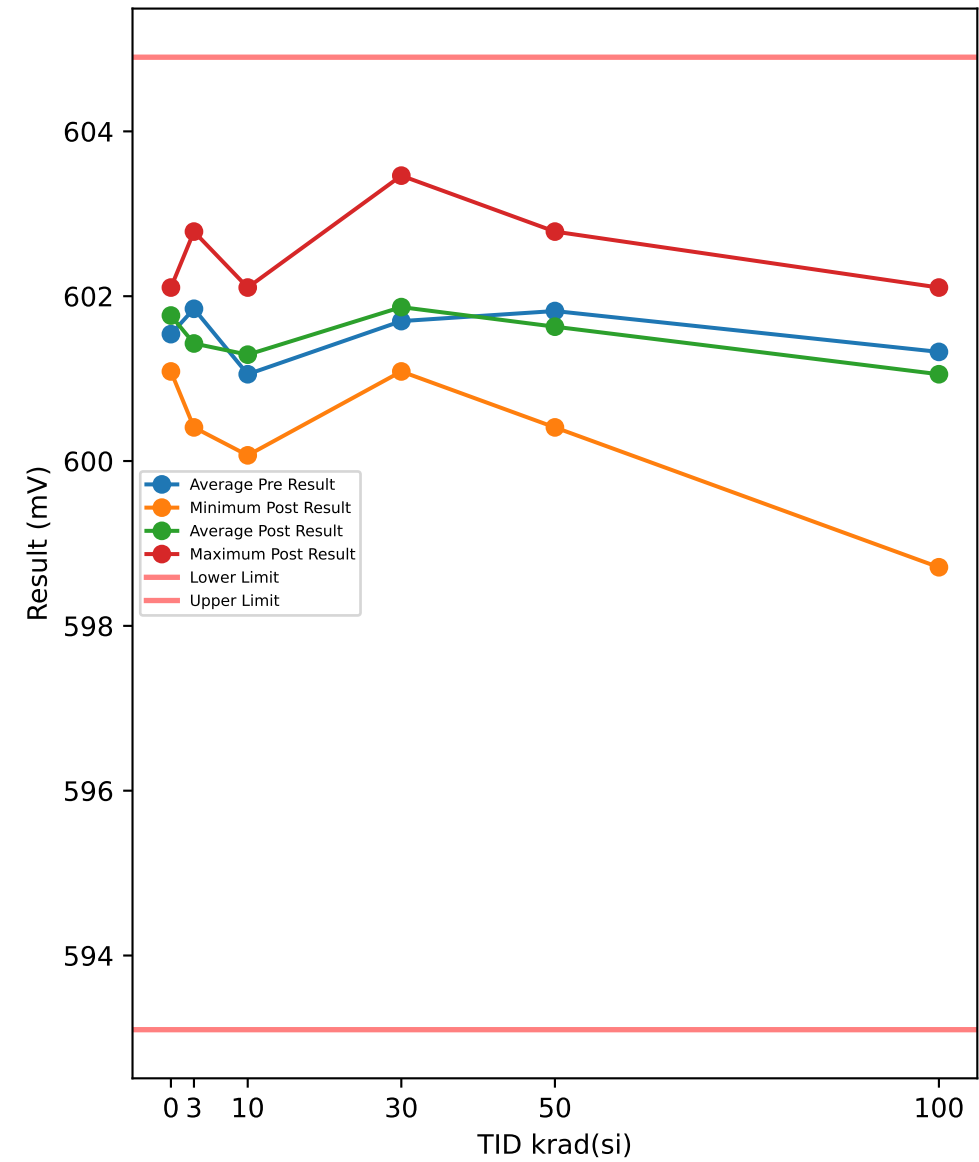
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	598.71	598.71	0
301	0	Correlation	598.37	598.37	0
302	0	Correlation	597.01	597.69	0.679
303	3	Bias	598.34	598.37	0.036
304	3	Bias	598	598.03	0.036
305	3	Bias	598.68	598.03	-0.644
306	3	Bias	598.34	598.37	0.036
307	3	Bias	599.36	599.05	-0.304
308	3	Unbiased	596.64	597.35	0.716
309	3	Unbiased	598.37	598.37	0
310	3	Unbiased	597.35	597.35	0
311	3	Unbiased	598.37	599.05	0.679
312	3	Unbiased	597.35	596.34	-1.019
313	10	Bias	597.35	597.01	-0.34
314	10	Bias	598.03	598.03	0
315	10	Bias	596.34	598.03	1.697
316	10	Bias	599.05	598.37	-0.679
317	10	Bias	596.34	598.03	1.697
318	10	Unbiased	599.05	599.05	0
319	10	Unbiased	597.35	597.69	0.339
320	10	Unbiased	597.35	596.67	-0.679
321	10	Unbiased	597.69	597.35	-0.339
322	10	Unbiased	598.37	597.69	-0.679
323	30	Bias	598.03	598.03	0
324	30	Bias	599.39	598.71	-0.679
325	30	Bias	600.07	599.05	-1.018
326	30	Bias	597.35	597.69	0.339
327	30	Bias	597.35	596.67	-0.679
328	30	Unbiased	598.03	598.37	0.34
329	30	Unbiased	596.67	597.69	1.018
330	30	Unbiased	598.37	599.39	1.018
331	30	Unbiased	597.35	597.35	0
332	30	Unbiased	599.05	597.69	-1.358
333	50	Bias	598.71	597.35	-1.357
334	50	Bias	598.03	596.67	-1.357
335	50	Bias	597.35	597.69	0.339
336	50	Bias	598.03	597.69	-0.339
337	50	Bias	598.71	599.05	0.34
338	50	Unbiased	598.03	598.03	0
339	50	Unbiased	596.64	598.03	1.394
340	50	Unbiased	598	598.37	0.376
341	50	Unbiased	597.32	596.67	-0.642
342	50	Unbiased	597.32	597.35	0.037
343	100	Bias	598.68	597.69	-0.983
344	100	Bias	597.66	597.35	-0.303
345	100	Bias	597.32	598.03	0.715
346	100	Bias	596.64	596.67	0.037
347	100	Bias	598.68	598.37	-0.304
348	100	Unbiased	596.98	598.03	1.054
349	100	Unbiased	597.66	596.67	-0.982
350	100	Unbiased	598.34	597.35	-0.982
351	100	Unbiased	596.64	594.3	-2.339
352	100	Unbiased	598	597.69	-0.303

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	597.01	598.03	598.71	0.89804	597.69	598.26	598.71	0.51838	0	0.22633	0.679	0.39202
3	596.64	598.08	599.36	0.77624	596.34	598.03	599.05	0.83151	-1.019	-0.0464	0.716	0.52721
10	596.34	597.69	599.05	0.96017	596.67	597.79	599.05	0.67976	-0.679	0.1017	1.697	0.90583
30	596.67	598.17	600.07	1.0637	596.67	598.07	599.39	0.82282	-1.358	-0.1019	1.018	0.81663
50	596.64	597.81	598.71	0.65604	596.67	597.69	599.05	0.73315	-1.357	-0.1209	1.394	0.84198
100	596.64	597.66	598.68	0.76783	594.3	597.22	598.37	1.1669	-2.339	-0.439	1.054	0.96253

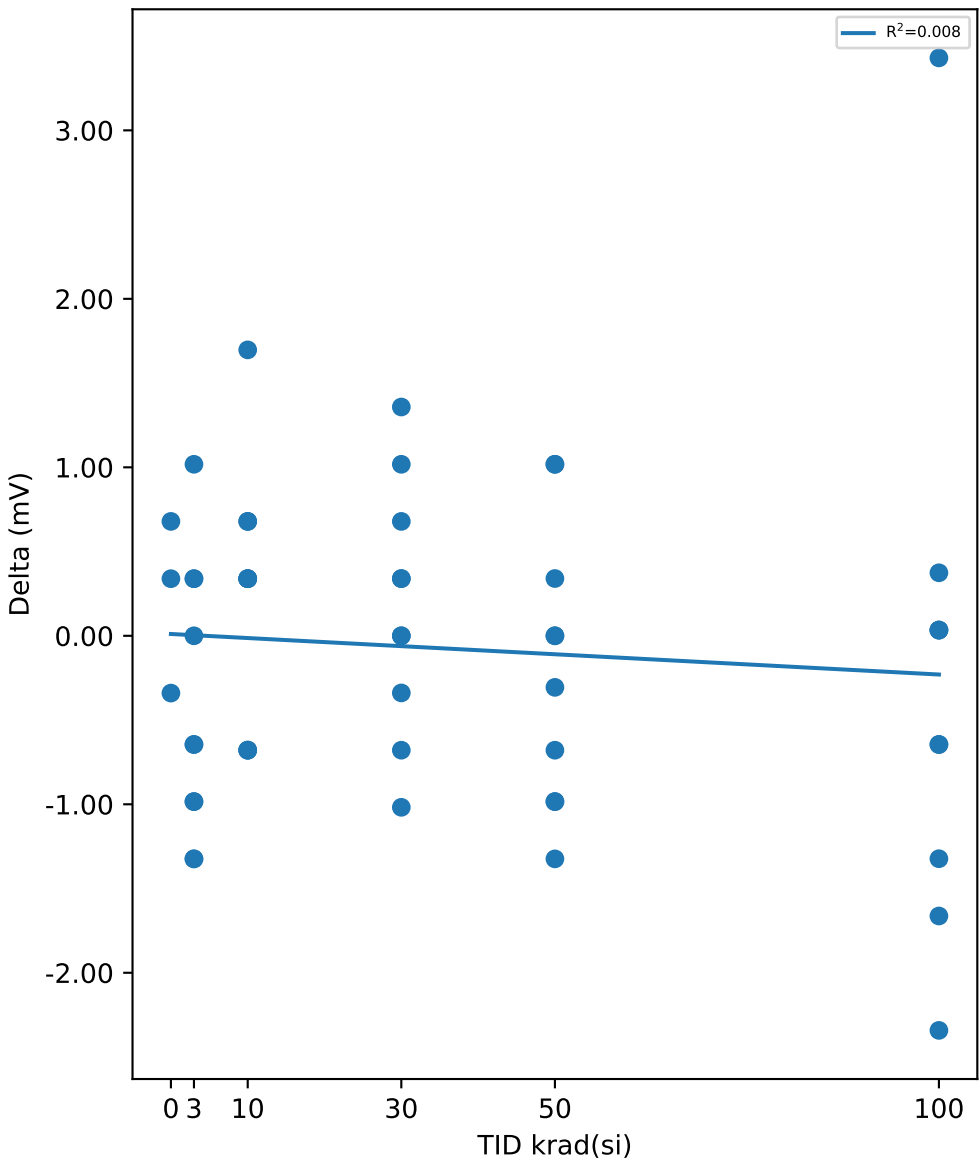
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	601.43	602.11	0.679
301	0	Correlation	602.45	602.11	-0.34
302	0	Correlation	600.75	601.09	0.339
303	3	Bias	603.09	601.77	-1.324
304	3	Bias	602.07	601.09	-0.984
305	3	Bias	601.73	601.09	-0.645
306	3	Bias	601.73	600.41	-1.324
307	3	Bias	601.73	601.09	-0.645
308	3	Unbiased	602.07	601.09	-0.984
309	3	Unbiased	602.11	602.11	0
310	3	Unbiased	600.41	601.43	1.018
311	3	Unbiased	602.45	602.78	0.339
312	3	Unbiased	601.09	601.43	0.339
313	10	Bias	599.39	600.07	0.679
314	10	Bias	601.77	602.11	0.339
315	10	Bias	601.09	601.43	0.339
316	10	Bias	602.11	601.43	-0.679
317	10	Bias	601.09	600.41	-0.679
318	10	Unbiased	601.77	602.11	0.339
319	10	Unbiased	600.41	602.11	1.697
320	10	Unbiased	601.43	600.75	-0.678
321	10	Unbiased	600.41	601.09	0.679
322	10	Unbiased	601.09	601.43	0.339
323	30	Bias	601.77	601.09	-0.679
324	30	Bias	602.11	603.46	1.358
325	30	Bias	603.46	602.45	-1.018
326	30	Bias	600.75	601.09	0.339
327	30	Bias	601.43	601.77	0.34
328	30	Unbiased	602.11	602.78	0.679
329	30	Unbiased	601.09	601.09	0
330	30	Unbiased	601.77	602.78	1.018
331	30	Unbiased	601.43	601.09	-0.339
332	30	Unbiased	601.09	601.09	0
333	50	Bias	601.43	601.43	0
334	50	Bias	600.41	601.43	1.018
335	50	Bias	600.41	600.75	0.34
336	50	Bias	601.77	601.77	0
337	50	Bias	602.78	602.11	-0.679
338	50	Unbiased	601.77	602.78	1.018
339	50	Unbiased	603.09	601.77	-1.324
340	50	Unbiased	602.07	601.09	-0.984
341	50	Unbiased	601.39	600.41	-0.984
342	50	Unbiased	603.09	602.78	-0.306
343	100	Bias	598	601.43	3.43
344	100	Bias	601.39	601.77	0.374
345	100	Bias	601.39	601.43	0.034
346	100	Bias	602.41	600.75	-1.663
347	100	Bias	602.07	602.11	0.034
348	100	Unbiased	601.73	601.09	-0.645
349	100	Unbiased	602.07	600.75	-1.323
350	100	Unbiased	601.05	601.09	0.034
351	100	Unbiased	601.05	598.71	-2.342
352	100	Unbiased	602.07	601.43	-0.645

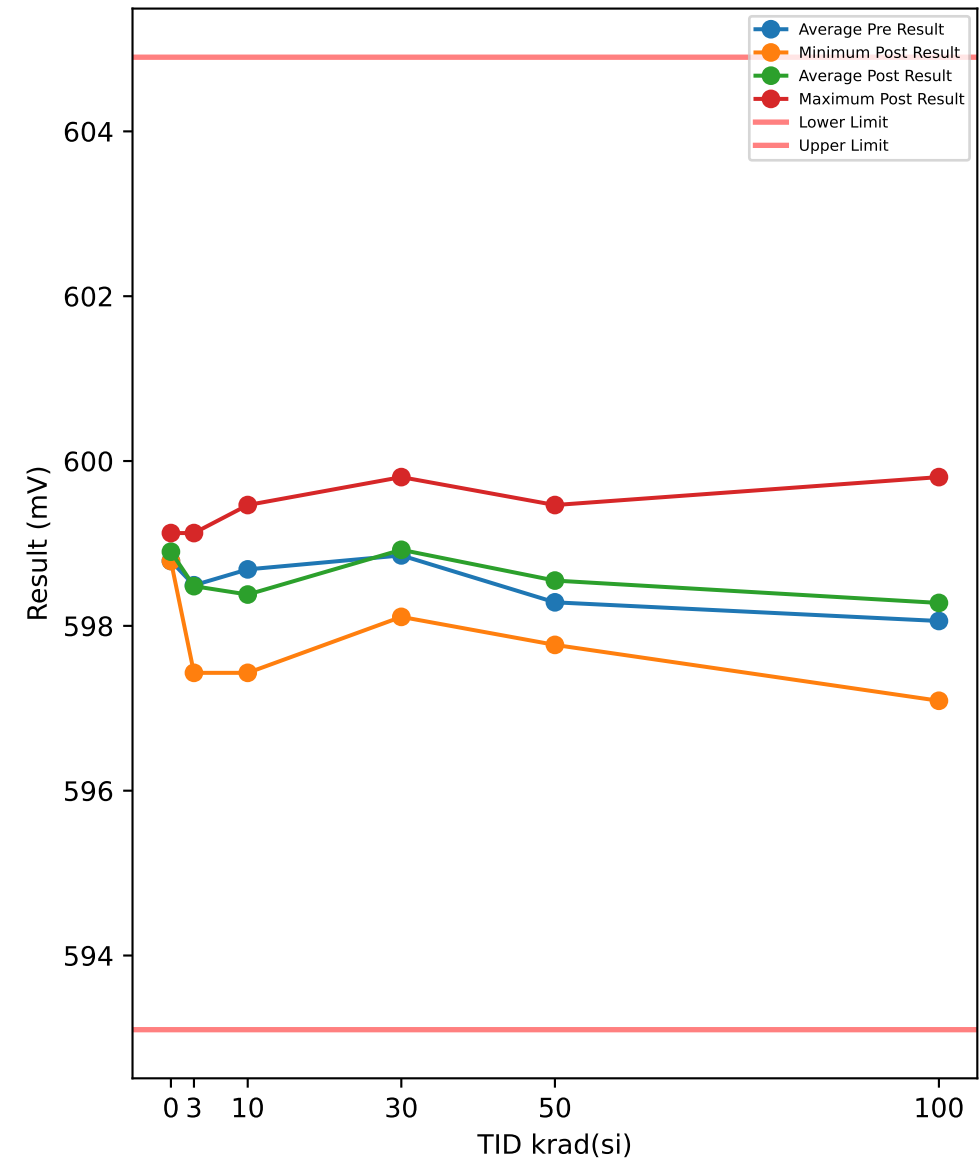
TID vs Post - Pre Exposure Delta



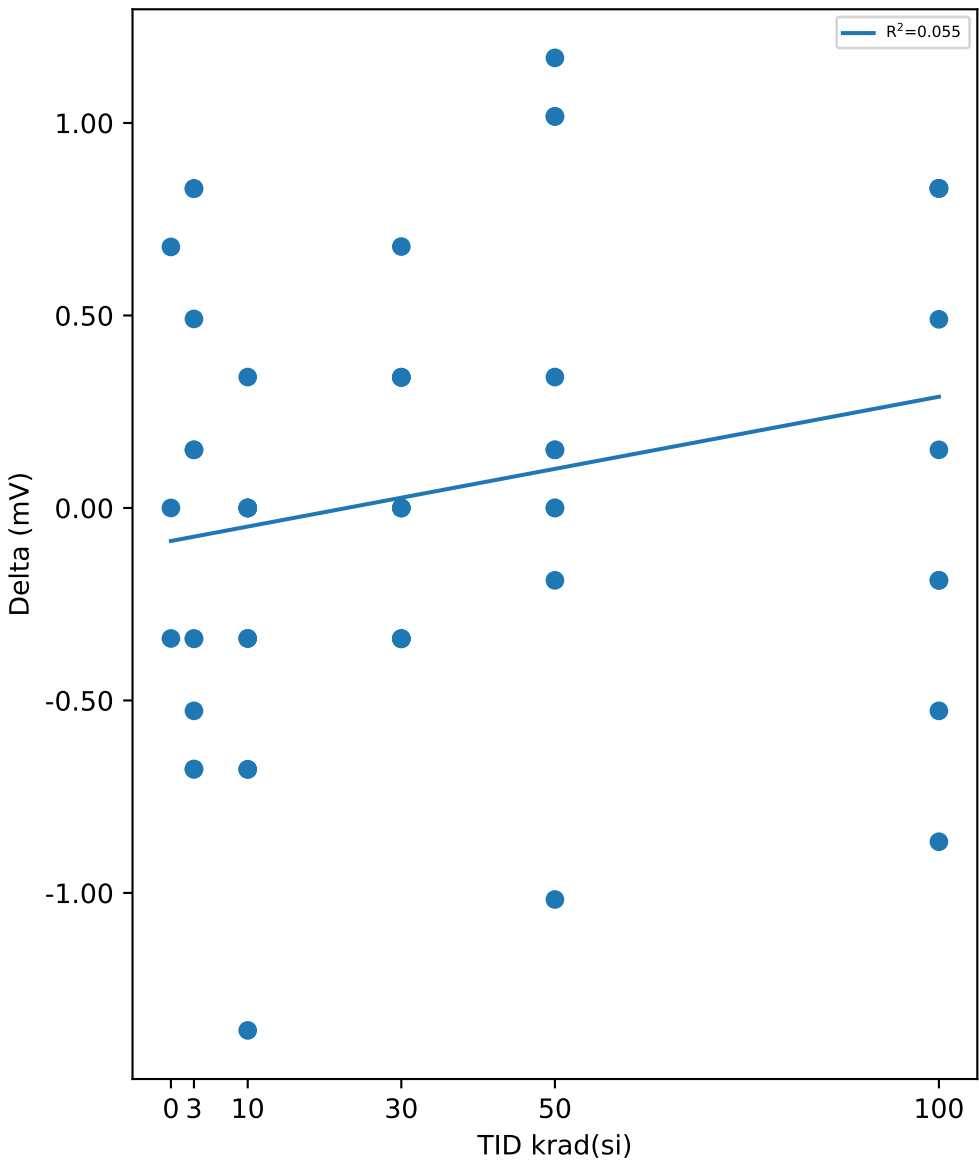
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.75	601.54	602.45	0.85419	601.09	601.77	602.11	0.58774	-0.34	0.226	0.679	0.51881
3	600.41	601.85	603.09	0.72706	600.41	601.43	602.78	0.6597	-1.324	-0.421	1.018	0.80057
10	599.39	601.05	602.11	0.80717	600.07	601.29	602.11	0.71894	-0.679	0.2375	1.697	0.75124
30	600.75	601.7	603.46	0.76397	601.09	601.87	603.46	0.91986	-1.018	0.1698	1.358	0.73756
50	600.41	601.82	603.09	0.97467	600.41	601.63	602.78	0.78707	-1.324	-0.1901	1.018	0.82132
100	598	601.32	602.41	1.2585	598.71	601.05	602.11	0.92531	-2.342	-0.2712	3.43	1.5637

TID vs Result Stats



TID vs Post - Pre Exposure Delta



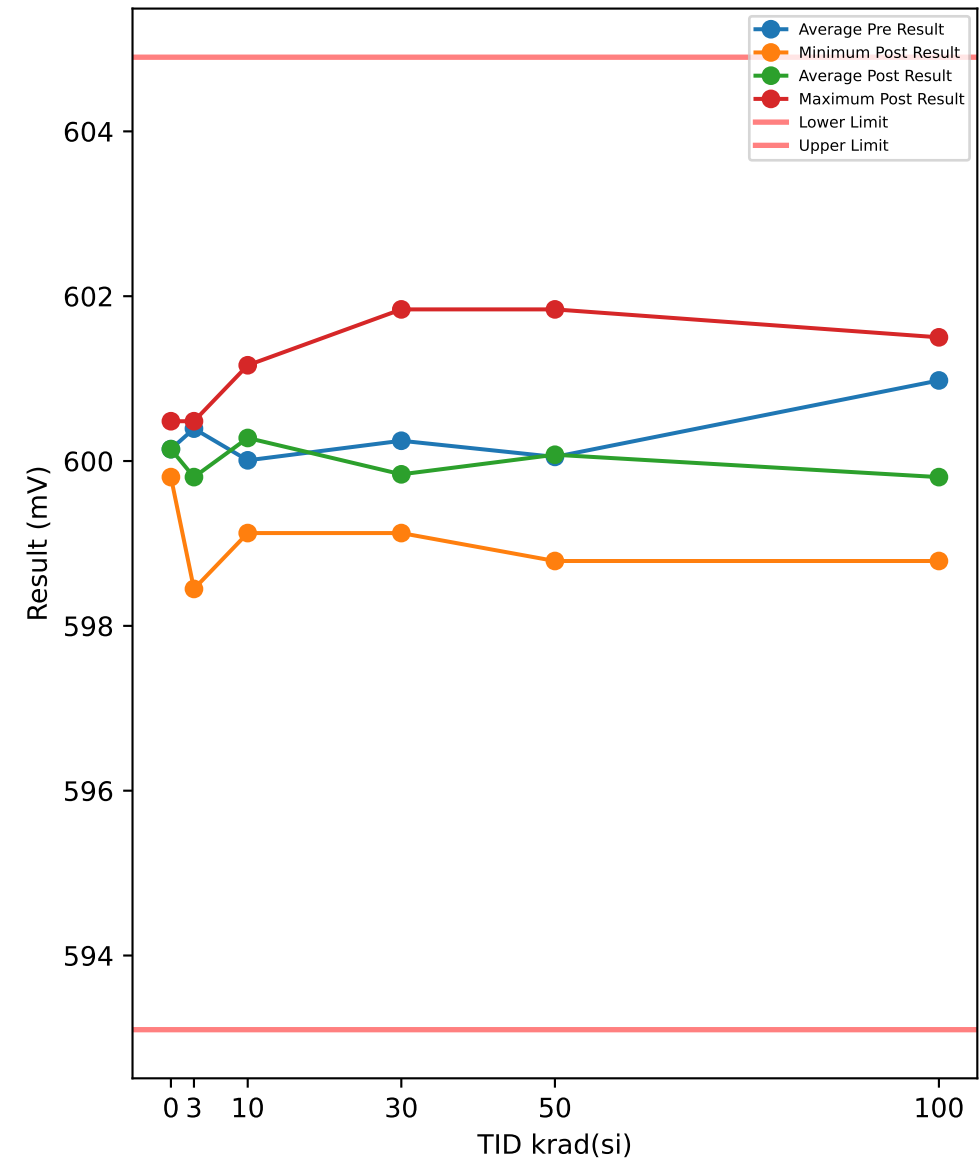
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.13	599.13	0
301	0	Correlation	598.11	598.79	0.678
302	0	Correlation	599.13	598.79	-0.339
303	3	Bias	597.62	598.45	0.83
304	3	Bias	598.3	599.13	0.829
305	3	Bias	598.98	598.45	-0.527
306	3	Bias	598.64	598.79	0.151
307	3	Bias	598.3	598.45	0.151
308	3	Unbiased	597.96	598.45	0.491
309	3	Unbiased	598.79	598.45	-0.339
310	3	Unbiased	599.47	599.13	-0.34
311	3	Unbiased	598.79	598.11	-0.678
312	3	Unbiased	598.11	597.43	-0.679
313	10	Bias	597.77	597.43	-0.339
314	10	Bias	598.45	597.77	-0.679
315	10	Bias	598.45	598.45	0
316	10	Bias	598.79	598.79	0
317	10	Bias	599.13	598.79	-0.339
318	10	Unbiased	599.13	599.47	0.34
319	10	Unbiased	599.47	598.79	-0.679
320	10	Unbiased	599.13	597.77	-1.357
321	10	Unbiased	598.45	598.45	0
322	10	Unbiased	598.11	598.11	0
323	30	Bias	598.45	598.79	0.339
324	30	Bias	598.79	599.47	0.679
325	30	Bias	599.47	599.13	-0.34
326	30	Bias	599.13	598.79	-0.339
327	30	Bias	598.79	598.79	0
328	30	Unbiased	599.8	599.8	0
329	30	Unbiased	598.11	598.45	0.339
330	30	Unbiased	599.47	599.13	-0.34
331	30	Unbiased	598.79	598.79	0
332	30	Unbiased	597.77	598.11	0.34
333	50	Bias	599.47	599.47	0
334	50	Bias	597.77	597.77	0
335	50	Bias	597.77	598.11	0.34
336	50	Bias	598.11	599.13	1.017
337	50	Bias	599.13	598.11	-1.017
338	50	Unbiased	598.11	599.13	1.017
339	50	Unbiased	598.3	598.45	0.151
340	50	Unbiased	598.3	598.45	0.151
341	50	Unbiased	597.96	597.77	-0.188
342	50	Unbiased	597.96	599.13	1.169
343	100	Bias	598.64	599.47	0.83
344	100	Bias	596.94	597.77	0.83
345	100	Bias	597.62	597.09	-0.527
346	100	Bias	597.28	597.77	0.49
347	100	Bias	598.64	599.47	0.83
348	100	Unbiased	597.28	597.43	0.151
349	100	Unbiased	597.96	597.77	-0.188
350	100	Unbiased	599.32	598.45	-0.867
351	100	Unbiased	597.96	597.77	-0.188
352	100	Unbiased	598.98	599.8	0.83

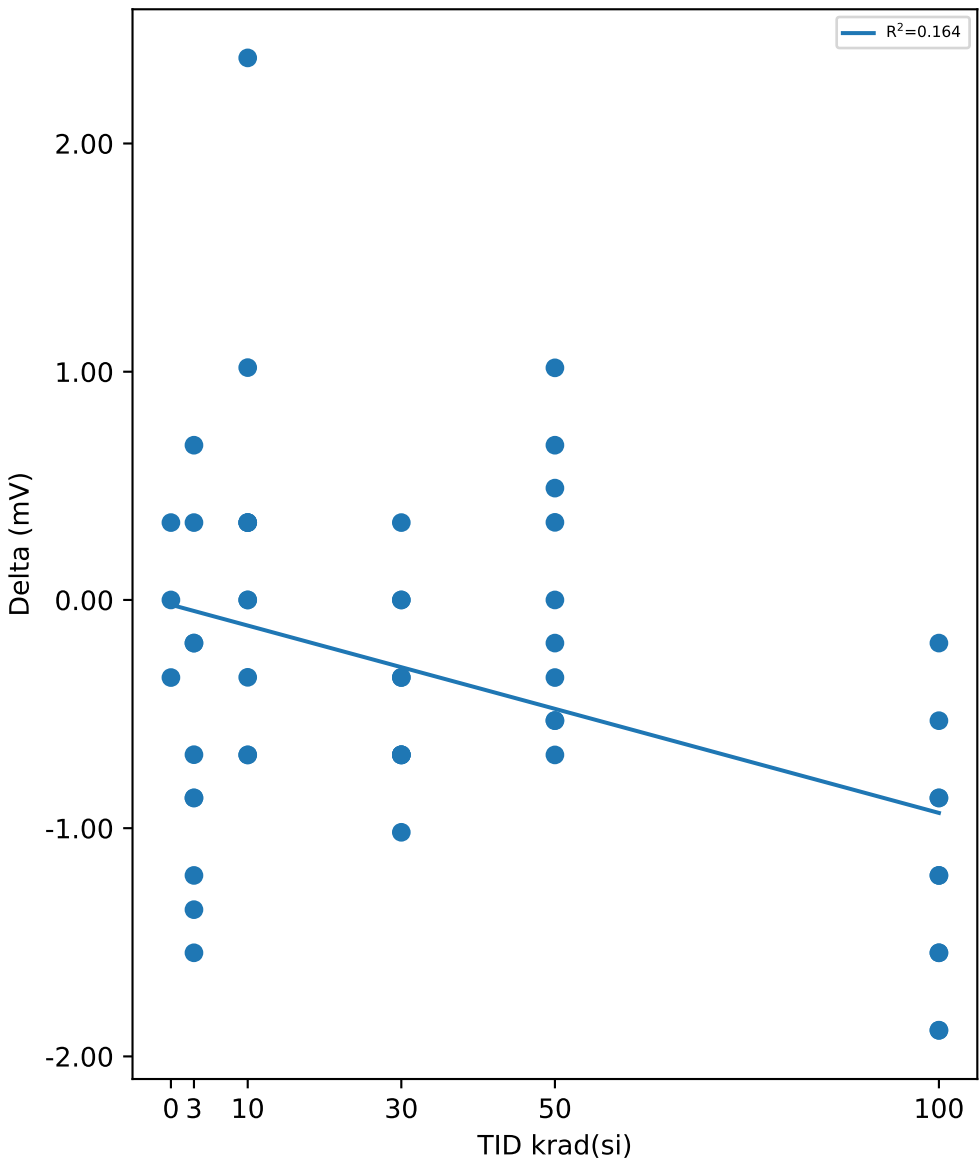
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.11	598.79	599.13	0.58717	598.79	598.9	599.13	0.19572	-0.339	0.113	0.678	0.51783
3	597.62	598.49	599.47	0.54258	597.43	598.48	599.13	0.4915	-0.679	-0.0111	0.83	0.586
10	597.77	598.69	599.47	0.53157	597.43	598.38	599.47	0.61537	-1.357	-0.3053	0.34	0.49181
30	597.77	598.86	599.8	0.63579	598.11	598.92	599.8	0.48504	-0.34	0.0678	0.679	0.35066
50	597.77	598.29	599.47	0.56882	597.77	598.55	599.47	0.6204	-1.017	0.264	1.169	0.66408
100	596.94	598.06	599.32	0.80062	597.09	598.28	599.8	0.96308	-0.867	0.2191	0.83	0.63583

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

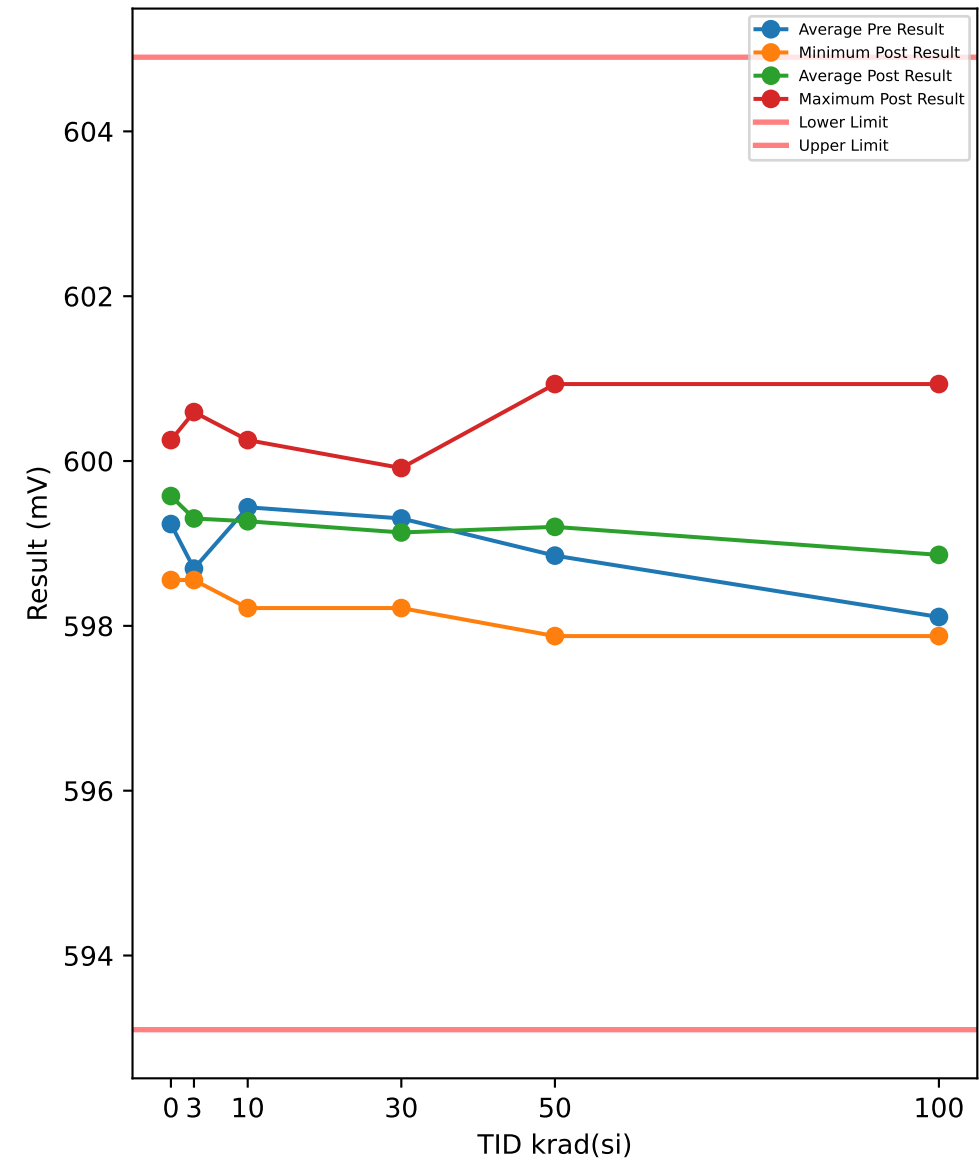
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.14	600.14	0
301	0	Correlation	599.47	599.8	0.339
302	0	Correlation	600.82	600.48	-0.34
303	3	Bias	601.01	599.8	-1.207
304	3	Bias	600.33	600.14	-0.189
305	3	Bias	600.33	599.47	-0.867
306	3	Bias	601.35	599.8	-1.546
307	3	Bias	599.99	599.8	-0.189
308	3	Unbiased	601.35	600.48	-0.868
309	3	Unbiased	599.8	600.14	0.339
310	3	Unbiased	599.8	600.48	0.678
311	3	Unbiased	600.82	599.47	-1.357
312	3	Unbiased	599.13	598.45	-0.678
313	10	Bias	599.8	599.13	-0.679
314	10	Bias	600.14	599.8	-0.339
315	10	Bias	598.79	601.16	2.375
316	10	Bias	600.14	600.48	0.339
317	10	Bias	599.8	600.14	0.339
318	10	Unbiased	600.82	600.82	0
319	10	Unbiased	599.8	600.82	1.018
320	10	Unbiased	600.82	600.14	-0.679
321	10	Unbiased	599.8	600.14	0.339
322	10	Unbiased	600.14	600.14	0
323	30	Bias	599.47	599.13	-0.34
324	30	Bias	600.14	599.47	-0.678
325	30	Bias	600.14	600.14	0
326	30	Bias	600.82	600.14	-0.679
327	30	Bias	599.8	599.13	-0.679
328	30	Unbiased	601.5	601.84	0.339
329	30	Unbiased	599.8	599.8	0
330	30	Unbiased	600.82	600.14	-0.679
331	30	Unbiased	599.8	599.47	-0.339
332	30	Unbiased	600.14	599.13	-1.018
333	50	Bias	601.16	601.84	0.678
334	50	Bias	599.13	599.47	0.34
335	50	Bias	599.47	598.79	-0.679
336	50	Bias	600.14	600.14	0
337	50	Bias	599.47	599.13	-0.34
338	50	Unbiased	599.47	600.48	1.017
339	50	Unbiased	601.01	600.82	-0.189
340	50	Unbiased	599.65	600.14	0.49
341	50	Unbiased	599.99	599.47	-0.528
342	50	Unbiased	601.01	600.48	-0.529
343	100	Bias	600.67	600.48	-0.189
344	100	Bias	600.33	599.47	-0.867
345	100	Bias	600.33	599.13	-1.207
346	100	Bias	601.01	599.13	-1.886
347	100	Bias	602.03	601.5	-0.529
348	100	Unbiased	599.99	599.13	-0.868
349	100	Unbiased	601.01	599.47	-1.546
350	100	Unbiased	601.35	600.14	-1.207
351	100	Unbiased	600.67	598.79	-1.885
352	100	Unbiased	602.37	600.82	-1.546

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.47	600.14	600.82	0.6785	599.8	600.14	600.48	0.339	-0.34	-0.00033333	0.339	0.3395
3	599.13	600.39	601.35	0.73536	598.45	599.8	600.48	0.59819	-1.546	-0.5884	0.678	0.73311
10	598.79	600.01	600.82	0.58115	599.13	600.28	601.16	0.5812	-0.679	0.2713	2.375	0.90201
30	599.47	600.25	601.5	0.62039	599.13	599.84	601.84	0.82244	-1.018	-0.4073	0.339	0.41709
50	599.13	600.05	601.16	0.75522	598.79	600.08	601.84	0.90176	-0.679	0.026	1.017	0.57869
100	599.99	600.98	602.37	0.75797	598.79	599.8	601.5	0.89048	-1.886	-1.173	-0.189	0.56426

Device Test: 13.25 ; VTH_SENSE

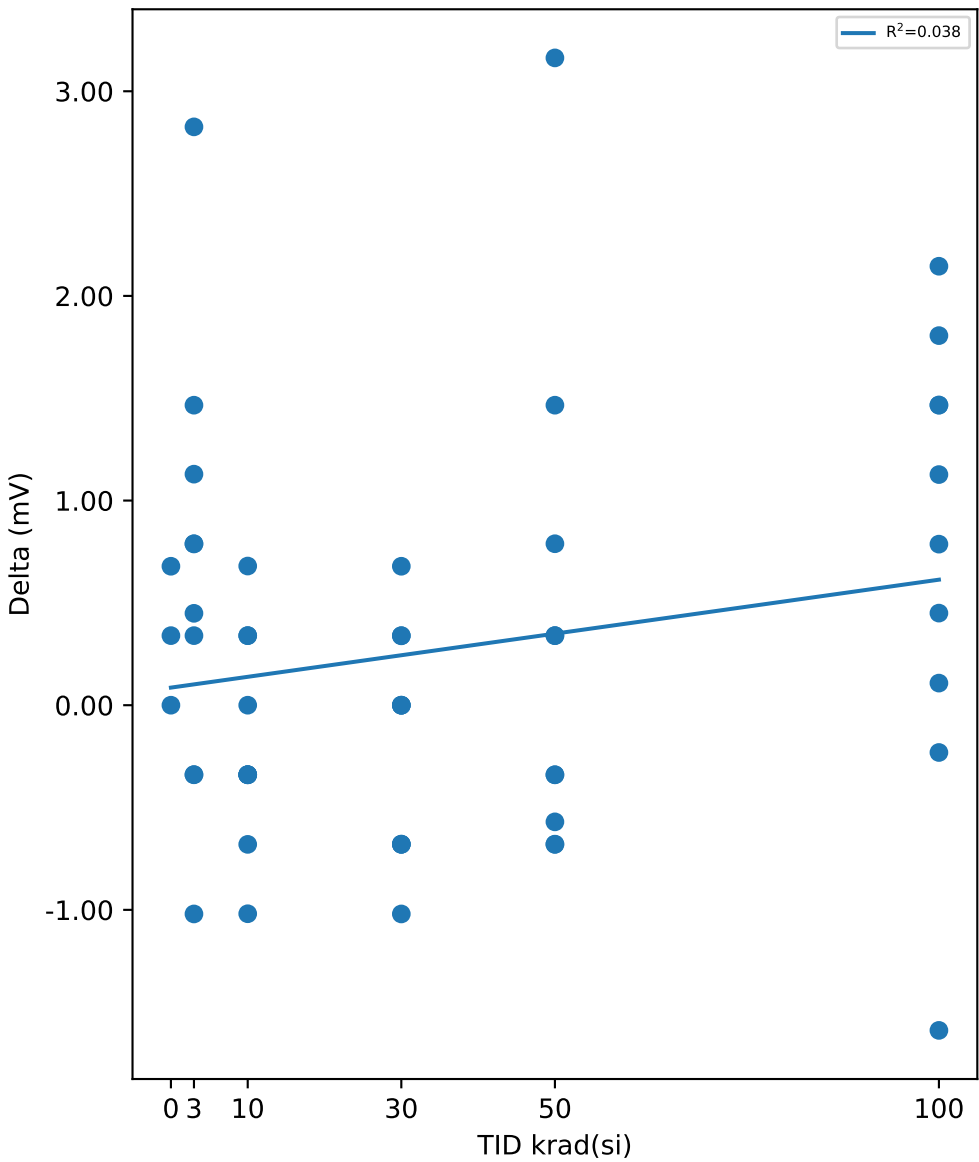
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.91	599.91	0
301	0	Correlation	599.58	600.25	0.679
302	0	Correlation	598.22	598.56	0.34
303	3	Bias	597.43	598.89	1.466
304	3	Bias	597.09	599.91	2.826
305	3	Bias	599.13	599.58	0.449
306	3	Bias	598.79	599.58	0.789
307	3	Bias	597.77	598.56	0.788
308	3	Unbiased	599.47	600.59	1.129
309	3	Unbiased	598.89	598.56	-0.339
310	3	Unbiased	599.91	598.89	-1.02
311	3	Unbiased	599.24	599.58	0.34
312	3	Unbiased	599.24	598.89	-0.34
313	10	Bias	598.89	598.56	-0.339
314	10	Bias	599.58	598.56	-1.019
315	10	Bias	599.58	599.91	0.34
316	10	Bias	599.24	599.24	0
317	10	Bias	599.24	598.89	-0.34
318	10	Unbiased	600.59	600.25	-0.34
319	10	Unbiased	598.56	598.22	-0.34
320	10	Unbiased	599.58	599.91	0.34
321	10	Unbiased	599.91	599.24	-0.68
322	10	Unbiased	599.24	599.91	0.68
323	30	Bias	599.24	598.56	-0.679
324	30	Bias	598.22	598.22	0
325	30	Bias	599.58	599.58	0
326	30	Bias	599.91	598.89	-1.02
327	30	Bias	599.91	599.24	-0.68
328	30	Unbiased	600.59	599.58	-0.679
329	30	Unbiased	598.22	598.89	0.679
330	30	Unbiased	599.58	599.91	0.34
331	30	Unbiased	599.58	599.58	0
332	30	Unbiased	598.56	598.89	0.339
333	50	Bias	599.58	599.24	-0.34
334	50	Bias	599.24	598.56	-0.679
335	50	Bias	598.89	599.24	0.34
336	50	Bias	599.58	598.89	-0.68
337	50	Bias	599.58	599.24	-0.34
338	50	Unbiased	600.59	600.93	0.34
339	50	Unbiased	599.13	598.56	-0.57
340	50	Unbiased	597.43	598.89	1.466
341	50	Unbiased	594.71	597.88	3.163
342	50	Unbiased	599.8	600.59	0.789
343	100	Bias	597.43	598.89	1.466
344	100	Bias	596.75	598.56	1.806
345	100	Bias	599.13	598.89	-0.231
346	100	Bias	599.8	598.22	-1.589
347	100	Bias	600.48	600.93	0.45
348	100	Unbiased	597.77	598.89	1.127
349	100	Unbiased	598.11	598.22	0.108
350	100	Unbiased	597.77	599.24	1.467
351	100	Unbiased	597.09	597.88	0.787
352	100	Unbiased	596.75	598.89	2.145

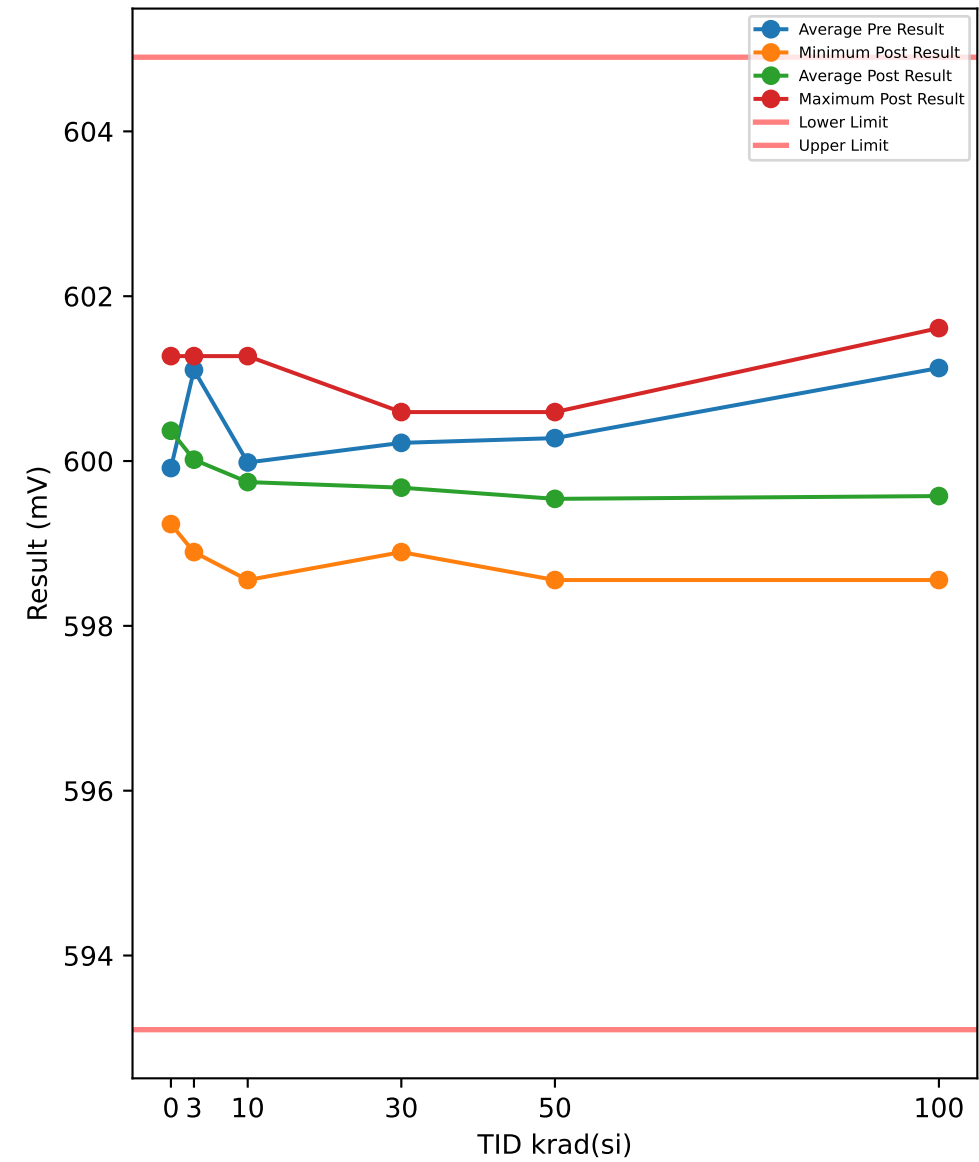
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.22	599.24	599.91	0.89899	598.56	599.57	600.25	0.89861	0	0.33967	0.679	0.3395
3	597.09	598.69	599.91	0.93926	598.56	599.3	600.59	0.65647	-1.02	0.6088	2.826	1.0819
10	598.56	599.44	600.59	0.55942	598.22	599.27	600.25	0.70631	-1.019	-0.1698	0.68	0.51292
30	598.22	599.3	600.25	0.73039	598.22	599.13	599.91	0.53248	-1.02	-0.17	0.679	0.5605
50	594.71	598.85	600.59	1.663	597.88	599.2	600.93	0.92629	-0.68	0.3489	3.163	1.2143
100	596.75	598.11	600.48	1.2902	597.88	598.86	600.93	0.83912	-1.589	0.7536	2.145	1.1139

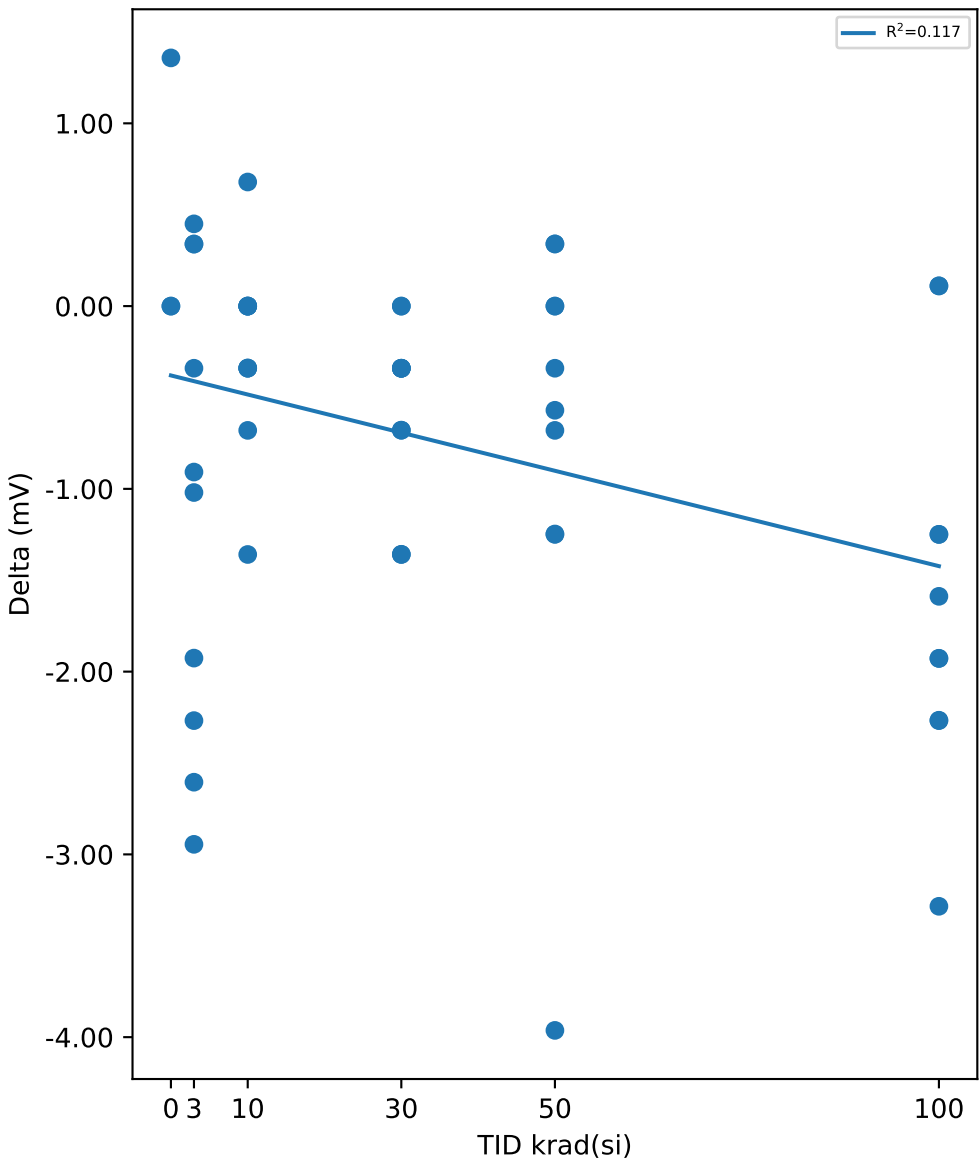
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.91	601.27	1.358
301	0	Correlation	600.59	600.59	0
302	0	Correlation	599.24	599.24	0
303	3	Bias	601.16	598.89	-2.268
304	3	Bias	603.2	600.59	-2.605
305	3	Bias	601.84	599.91	-1.926
306	3	Bias	600.82	601.27	0.45
307	3	Bias	600.82	599.91	-0.908
308	3	Unbiased	603.2	600.25	-2.945
309	3	Unbiased	599.91	599.58	-0.34
310	3	Unbiased	599.91	600.25	0.339
311	3	Unbiased	600.25	600.59	0.34
312	3	Unbiased	599.91	598.89	-1.02
313	10	Bias	599.58	598.89	-0.68
314	10	Bias	599.58	599.24	-0.34
315	10	Bias	599.58	600.25	0.679
316	10	Bias	600.25	599.91	-0.339
317	10	Bias	600.25	598.89	-1.359
318	10	Unbiased	601.27	601.27	0
319	10	Unbiased	598.89	598.56	-0.339
320	10	Unbiased	600.25	600.25	0
321	10	Unbiased	599.91	599.91	0
322	10	Unbiased	600.25	600.25	0
323	30	Bias	599.91	599.58	-0.34
324	30	Bias	599.58	599.58	0
325	30	Bias	600.25	599.58	-0.679
326	30	Bias	600.59	599.24	-1.359
327	30	Bias	599.91	599.91	0
328	30	Unbiased	600.59	599.91	-0.679
329	30	Unbiased	599.24	598.89	-0.34
330	30	Unbiased	601.27	599.91	-1.358
331	30	Unbiased	600.93	600.59	-0.34
332	30	Unbiased	599.91	599.58	-0.34
333	50	Bias	599.58	599.24	-0.34
334	50	Bias	599.24	599.58	0.34
335	50	Bias	598.56	598.56	0
336	50	Bias	599.91	599.24	-0.68
337	50	Bias	599.58	599.91	0.34
338	50	Unbiased	600.59	600.59	0
339	50	Unbiased	603.88	599.91	-3.963
340	50	Unbiased	600.48	599.24	-1.249
341	50	Unbiased	599.13	598.56	-0.57
342	50	Unbiased	601.84	600.59	-1.247
343	100	Bias	602.18	599.91	-2.266
344	100	Bias	601.16	598.89	-2.268
345	100	Bias	603.2	599.91	-3.284
346	100	Bias	600.48	598.56	-1.928
347	100	Bias	601.5	601.61	0.111
348	100	Unbiased	599.47	599.58	0.11
349	100	Unbiased	600.14	598.89	-1.249
350	100	Unbiased	602.18	600.25	-1.927
351	100	Unbiased	599.8	598.56	-1.249
352	100	Unbiased	601.16	599.58	-1.588

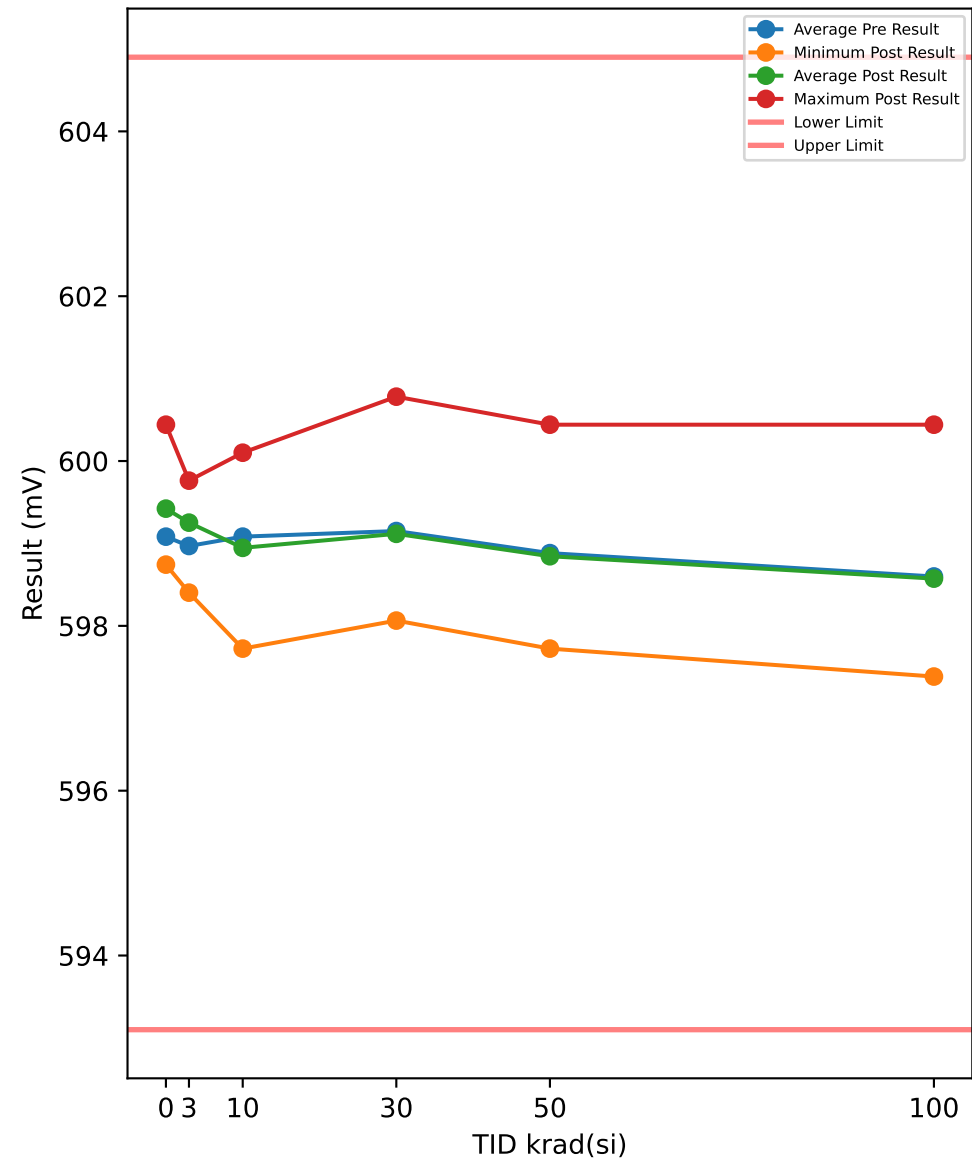
TID vs Post - Pre Exposure Delta



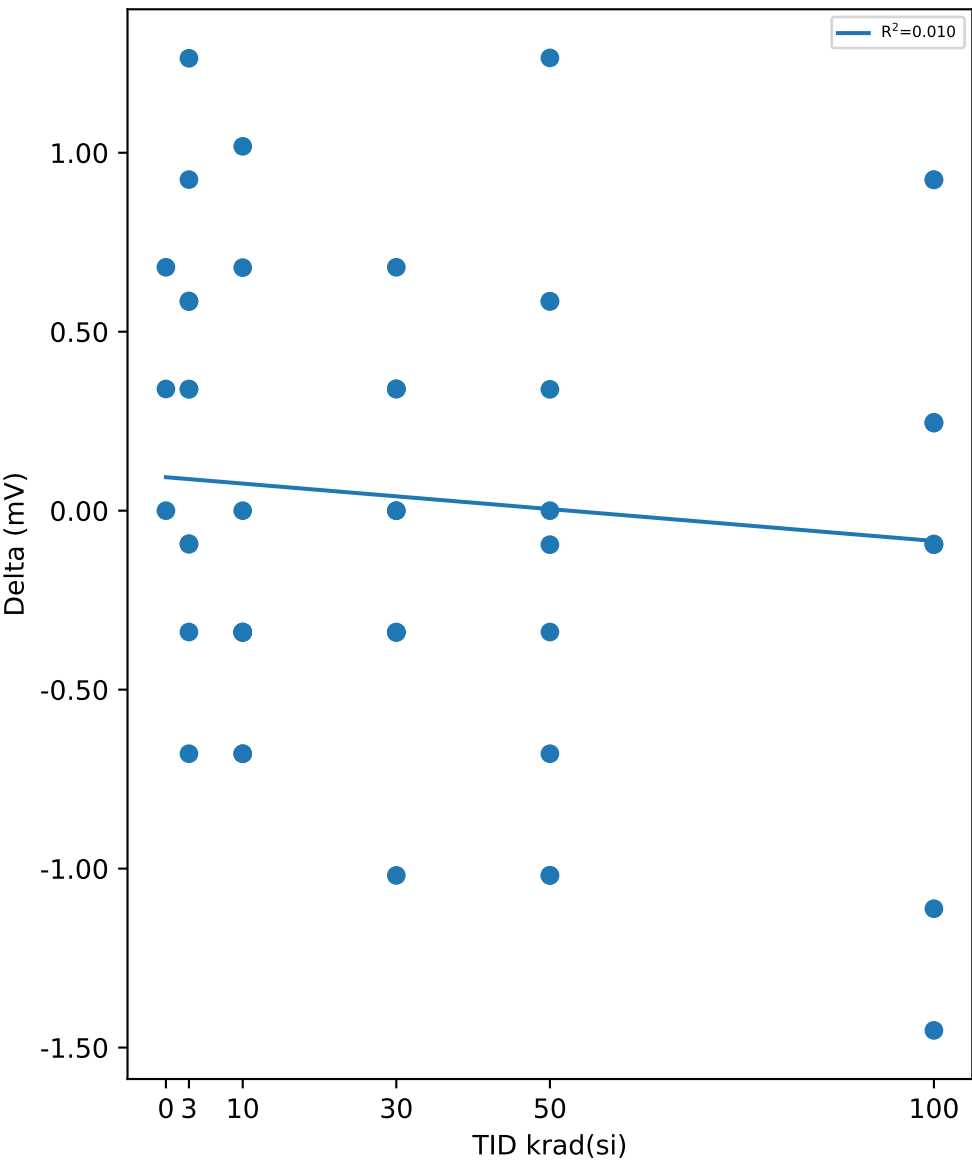
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.24	599.91	600.59	0.6795	599.24	600.37	601.27	1.0377	0	0.45267	1.358	0.78404
3	599.91	601.1	603.2	1.2669	598.89	600.02	601.27	0.75201	-2.945	-1.0883	0.45	1.2859
10	598.89	599.98	601.27	0.63645	598.56	599.74	601.27	0.83591	-1.359	-0.2378	0.679	0.53232
30	599.24	600.22	601.27	0.62936	598.89	599.68	600.59	0.45452	-1.359	-0.5435	0	0.48552
50	598.56	600.28	603.88	1.5651	598.56	599.54	600.59	0.72418	-3.963	-0.7369	0.34	1.2704
100	599.47	601.13	603.2	1.1808	598.56	599.57	601.61	0.93376	-3.284	-1.5538	0.111	1.055

TID vs Result Stats



TID vs Post - Pre Exposure Delta



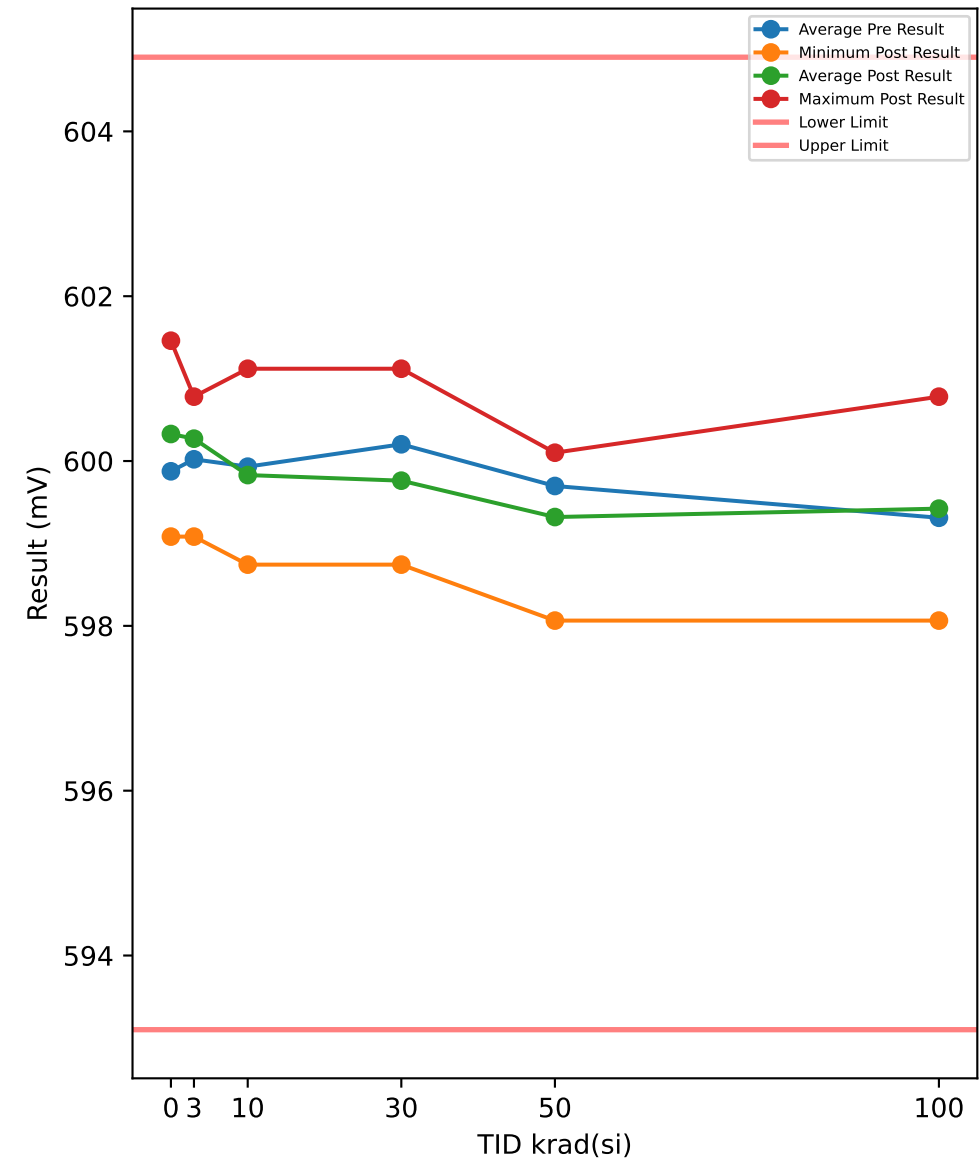
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	598.4	599.08	0.68
301	0	Correlation	600.1	600.44	0.34
302	0	Correlation	598.74	598.74	0
303	3	Bias	599.18	599.76	0.586
304	3	Bias	597.82	598.4	0.584
305	3	Bias	598.84	598.74	-0.094
306	3	Bias	598.16	599.42	1.264
307	3	Bias	599.85	599.76	-0.092
308	3	Unbiased	598.16	599.08	0.925
309	3	Unbiased	599.08	599.42	0.339
310	3	Unbiased	599.42	599.76	0.34
311	3	Unbiased	599.76	599.08	-0.679
312	3	Unbiased	599.42	599.08	-0.339
313	10	Bias	598.4	598.06	-0.339
314	10	Bias	599.42	599.08	-0.339
315	10	Bias	598.74	598.4	-0.34
316	10	Bias	599.42	599.42	0
317	10	Bias	599.08	598.74	-0.34
318	10	Unbiased	600.44	599.76	-0.679
319	10	Unbiased	598.4	597.72	-0.679
320	10	Unbiased	598.74	599.42	0.679
321	10	Unbiased	599.08	598.74	-0.34
322	10	Unbiased	599.08	600.1	1.018
323	30	Bias	599.08	599.08	0
324	30	Bias	598.74	599.08	0.34
325	30	Bias	599.76	599.42	-0.34
326	30	Bias	598.74	598.74	0
327	30	Bias	599.08	598.74	-0.34
328	30	Unbiased	600.1	600.78	0.68
329	30	Unbiased	598.4	598.74	0.34
330	30	Unbiased	600.1	600.44	0.34
331	30	Unbiased	598.4	598.06	-0.339
332	30	Unbiased	599.08	598.06	-1.019
333	50	Bias	599.42	599.42	0
334	50	Bias	598.06	598.4	0.339
335	50	Bias	598.74	597.72	-1.019
336	50	Bias	599.76	599.08	-0.679
337	50	Bias	599.42	598.4	-1.019
338	50	Unbiased	599.42	599.08	-0.339
339	50	Unbiased	598.16	598.74	0.585
340	50	Unbiased	598.84	599.42	0.585
341	50	Unbiased	597.82	597.72	-0.095
342	50	Unbiased	599.18	600.44	1.265
343	100	Bias	598.84	597.38	-1.452
344	100	Bias	598.84	598.74	-0.094
345	100	Bias	599.18	599.08	-0.093
346	100	Bias	597.82	597.72	-0.095
347	100	Bias	600.19	600.44	0.247
348	100	Unbiased	598.16	598.4	0.245
349	100	Unbiased	597.48	597.72	0.245
350	100	Unbiased	599.51	598.4	-1.112
351	100	Unbiased	597.82	598.74	0.924
352	100	Unbiased	598.16	599.08	0.925

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.4	599.08	600.1	0.89842	598.74	599.42	600.44	0.89842	0	0.34	0.68	0.34
3	597.82	598.97	599.85	0.70975	598.4	599.25	599.76	0.45991	-0.679	0.2834	1.264	0.5924
10	598.4	599.08	600.44	0.59907	597.72	598.95	600.1	0.75427	-0.679	-0.1359	1.018	0.55891
30	598.4	599.15	600.1	0.63632	598.06	599.12	600.78	0.8978	-1.019	-0.0338	0.68	0.49242
50	597.82	598.88	599.76	0.67332	597.72	598.84	600.44	0.83272	-1.019	-0.0377	1.265	0.74886
100	597.48	598.6	600.19	0.86213	597.38	598.57	600.44	0.88054	-1.452	-0.026	0.925	0.76413

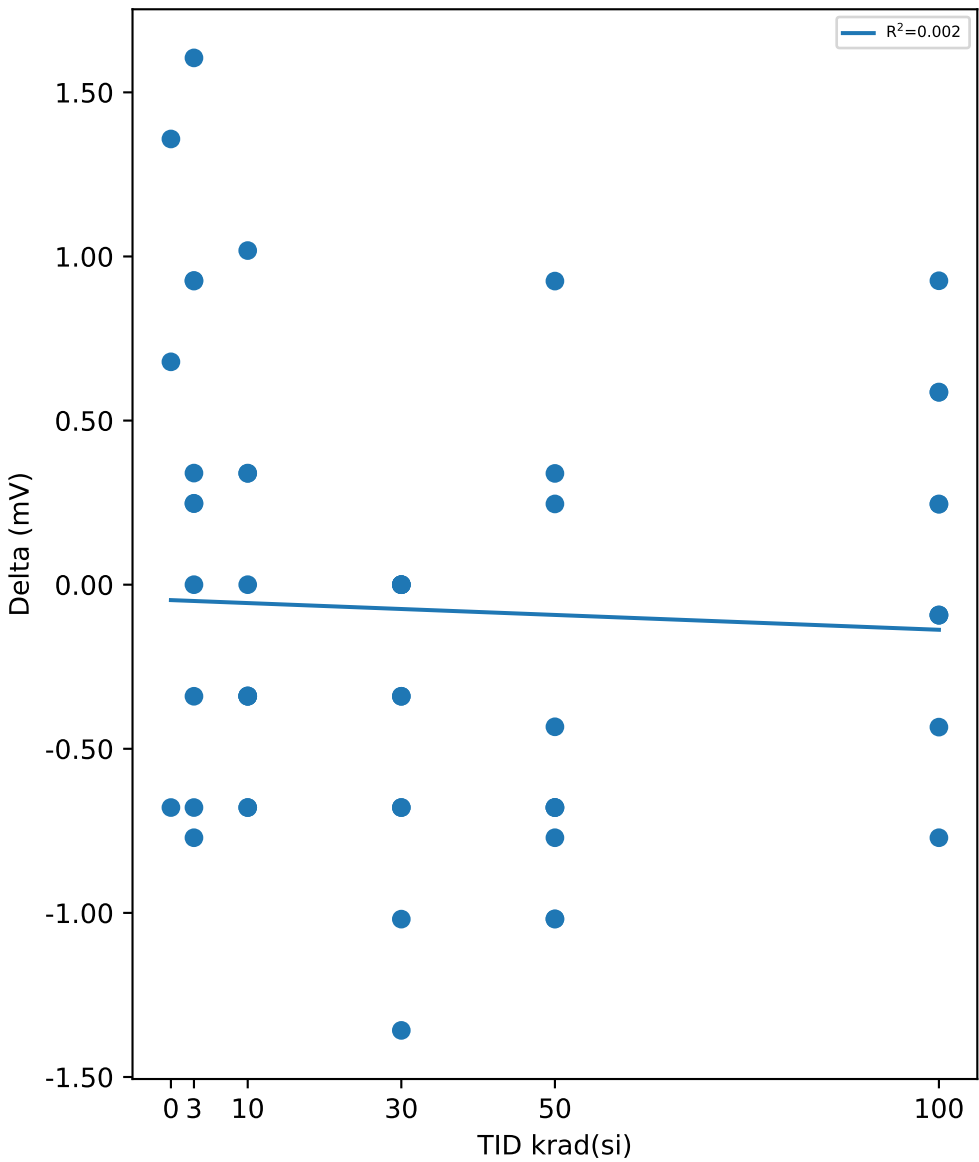
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.76	599.08	-0.679
301	0	Correlation	600.78	601.46	0.679
302	0	Correlation	599.08	600.44	1.358
303	3	Bias	599.85	600.78	0.927
304	3	Bias	599.85	599.08	-0.771
305	3	Bias	599.18	600.78	1.605
306	3	Bias	600.19	600.44	0.247
307	3	Bias	600.53	600.78	0.248
308	3	Unbiased	599.18	600.1	0.925
309	3	Unbiased	600.44	600.1	-0.34
310	3	Unbiased	600.1	600.1	0
311	3	Unbiased	600.44	600.78	0.34
312	3	Unbiased	600.44	599.76	-0.679
313	10	Bias	599.08	598.74	-0.34
314	10	Bias	600.44	600.78	0.34
315	10	Bias	599.08	600.1	1.018
316	10	Bias	600.1	599.42	-0.679
317	10	Bias	599.76	599.42	-0.34
318	10	Unbiased	601.12	601.12	0
319	10	Unbiased	599.42	599.08	-0.339
320	10	Unbiased	600.44	599.76	-0.679
321	10	Unbiased	599.76	600.1	0.339
322	10	Unbiased	600.1	599.76	-0.339
323	30	Bias	599.76	599.76	0
324	30	Bias	599.42	599.42	0
325	30	Bias	601.46	601.12	-0.34
326	30	Bias	600.44	599.42	-1.019
327	30	Bias	600.44	600.1	-0.34
328	30	Unbiased	600.44	600.44	0
329	30	Unbiased	599.42	598.74	-0.679
330	30	Unbiased	601.12	600.44	-0.679
331	30	Unbiased	599.42	599.42	0
332	30	Unbiased	600.1	598.74	-1.358
333	50	Bias	600.1	599.08	-1.018
334	50	Bias	599.76	600.1	0.339
335	50	Bias	599.76	599.08	-0.679
336	50	Bias	600.44	599.42	-1.019
337	50	Bias	599.76	599.08	-0.679
338	50	Unbiased	599.76	599.08	-0.679
339	50	Unbiased	599.18	600.1	0.925
340	50	Unbiased	599.18	599.42	0.246
341	50	Unbiased	598.5	598.06	-0.433
342	50	Unbiased	600.53	599.76	-0.771
343	100	Bias	599.18	599.42	0.246
344	100	Bias	598.84	598.4	-0.434
345	100	Bias	599.51	600.44	0.926
346	100	Bias	599.18	599.08	-0.093
347	100	Bias	600.19	600.78	0.587
348	100	Unbiased	599.18	599.76	0.586
349	100	Unbiased	597.82	598.06	0.245
350	100	Unbiased	599.51	599.42	-0.093
351	100	Unbiased	599.85	599.76	-0.092
352	100	Unbiased	599.85	599.08	-0.771

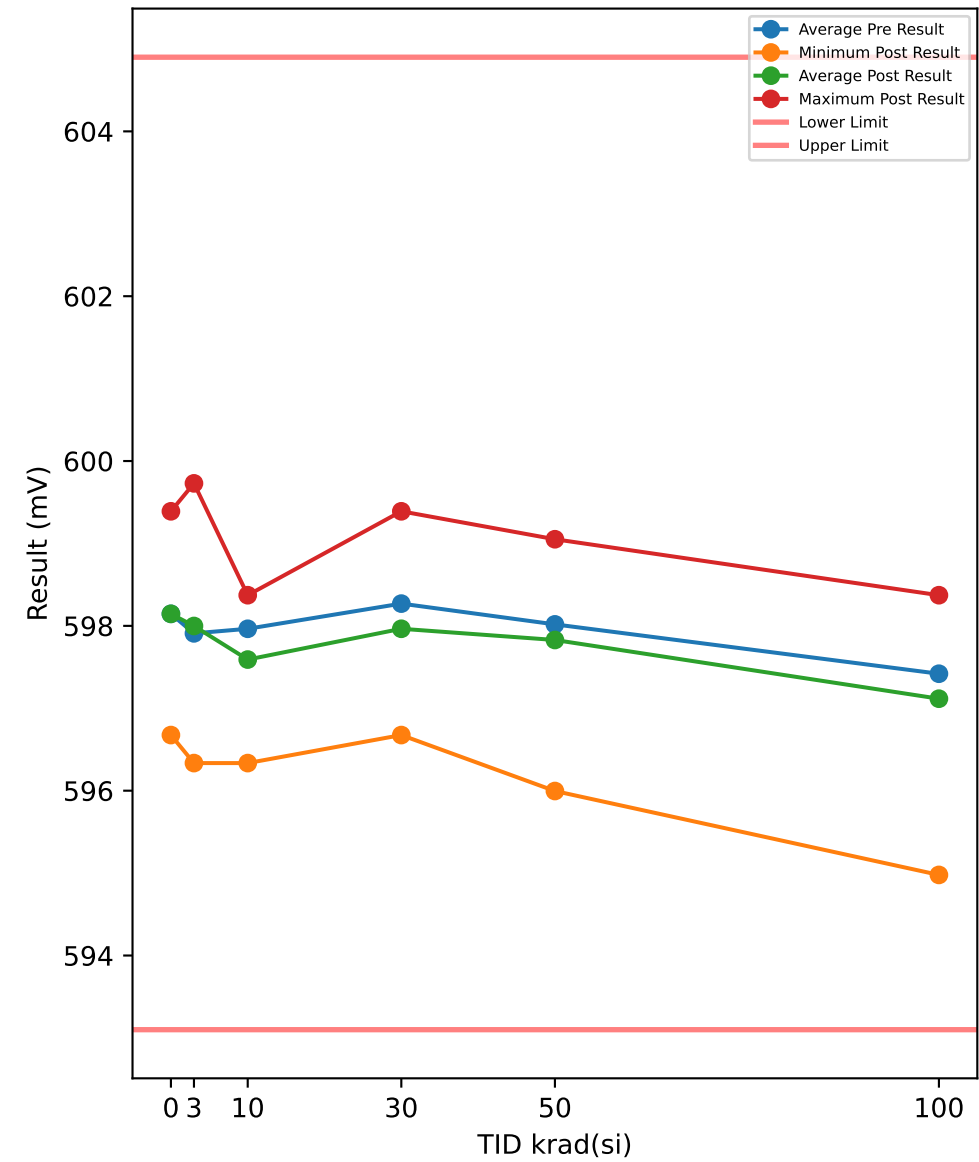
TID vs Post - Pre Exposure Delta



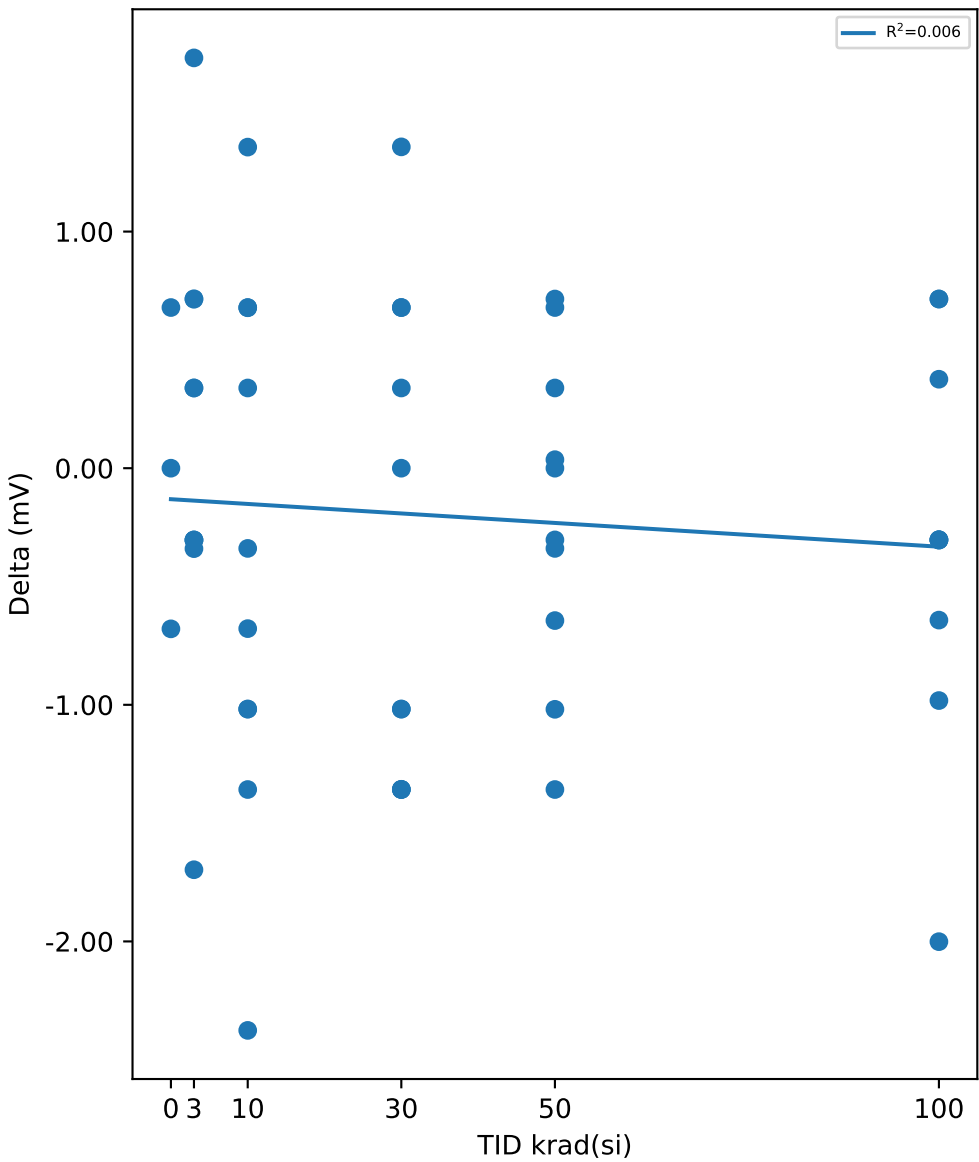
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.08	599.88	600.78	0.85465	599.08	600.33	601.46	1.1925	-0.679	0.45267	1.358	1.0372
3	599.18	600.02	600.53	0.50679	599.08	600.27	600.78	0.5604	-0.771	0.2502	1.605	0.75086
10	599.08	599.93	601.12	0.64516	598.74	599.83	601.12	0.73008	-0.679	-0.1019	1.018	0.53189
30	599.42	600.2	601.46	0.71691	598.74	599.76	601.12	0.76773	-1.358	-0.4415	0	0.4815
50	598.5	599.7	600.53	0.61603	598.06	599.32	600.1	0.59984	-1.019	-0.3768	0.925	0.65413
100	597.82	599.31	600.19	0.66316	598.06	599.42	600.78	0.83192	-0.771	0.1107	0.926	0.51121

TID vs Result Stats



TID vs Post - Pre Exposure Delta



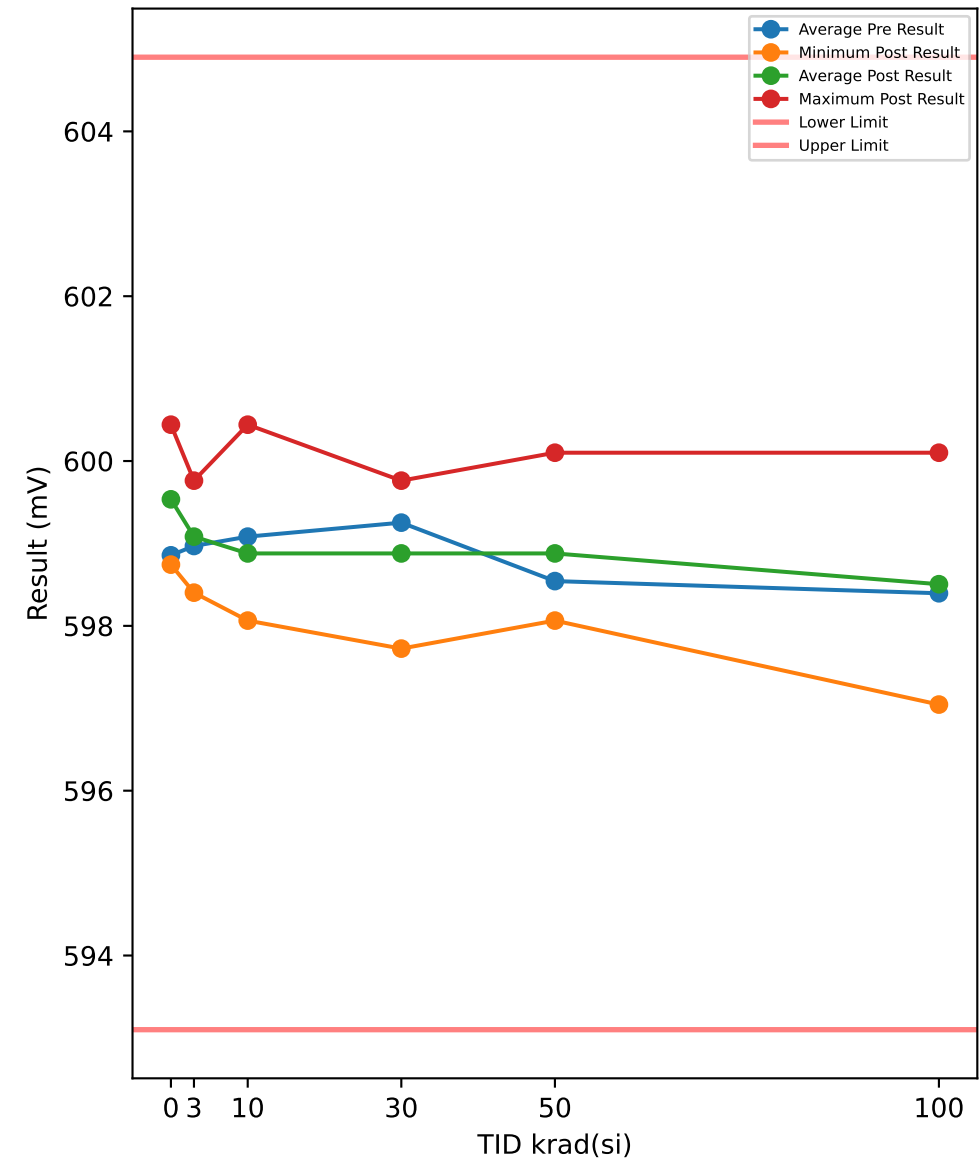
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	598.71	599.39	0.679
301	0	Correlation	598.37	598.37	0
302	0	Correlation	597.35	596.67	-0.679
303	3	Bias	596.64	598.37	1.734
304	3	Bias	597.66	597.35	-0.303
305	3	Bias	598.68	598.37	-0.304
306	3	Bias	598.34	598.03	-0.304
307	3	Bias	599.01	599.73	0.714
308	3	Unbiased	596.64	597.35	0.716
309	3	Unbiased	597.69	598.03	0.339
310	3	Unbiased	598.03	596.34	-1.697
311	3	Unbiased	599.05	598.71	-0.34
312	3	Unbiased	597.35	597.69	0.339
313	10	Bias	596.67	598.03	1.357
314	10	Bias	597.35	598.03	0.678
315	10	Bias	597.69	596.67	-1.018
316	10	Bias	599.39	598.37	-1.018
317	10	Bias	596.67	597.35	0.679
318	10	Unbiased	599.39	598.03	-1.358
319	10	Unbiased	598.03	597.35	-0.678
320	10	Unbiased	598.71	596.34	-2.376
321	10	Unbiased	597.69	598.03	0.339
322	10	Unbiased	598.03	597.69	-0.339
323	30	Bias	598.37	597.35	-1.018
324	30	Bias	599.39	598.03	-1.358
325	30	Bias	598.03	599.39	1.358
326	30	Bias	596.67	597.35	0.679
327	30	Bias	599.05	597.69	-1.358
328	30	Unbiased	598.03	598.71	0.679
329	30	Unbiased	597.69	596.67	-1.018
330	30	Unbiased	599.05	599.05	0
331	30	Unbiased	598.37	598.71	0.339
332	30	Unbiased	598.03	596.67	-1.357
333	50	Bias	598.37	599.05	0.679
334	50	Bias	597.69	598.03	0.339
335	50	Bias	597.35	596	-1.358
336	50	Bias	598.03	598.03	0
337	50	Bias	599.05	598.03	-1.019
338	50	Unbiased	598.03	597.69	-0.339
339	50	Unbiased	598	598.03	0.036
340	50	Unbiased	596.98	597.69	0.715
341	50	Unbiased	598	597.69	-0.303
342	50	Unbiased	598.68	598.03	-0.644
343	100	Bias	596.98	597.69	0.715
344	100	Bias	598.34	598.03	-0.304
345	100	Bias	597.66	596.67	-0.982
346	100	Bias	598	597.69	-0.303
347	100	Bias	597.66	598.37	0.715
348	100	Unbiased	596.64	597.01	0.376
349	100	Unbiased	596.98	596.67	-0.303
350	100	Unbiased	598.68	596.67	-2.001
351	100	Unbiased	595.28	594.98	-0.302
352	100	Unbiased	598	597.35	-0.642

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	597.35	598.15	598.71	0.70625	596.67	598.15	599.39	1.3716	-0.679	-3.7896e-14	0.679	0.679
3	596.64	597.91	599.05	0.87953	596.34	598	599.73	0.91134	-1.697	0.0894	1.734	0.90989
10	596.67	597.96	599.39	0.97047	596.34	597.59	598.37	0.66057	-2.376	-0.3734	1.357	1.1363
30	596.67	598.27	599.39	0.78472	596.67	597.96	599.39	0.97047	-1.358	-0.3054	1.358	1.0302
50	596.98	598.02	599.05	0.60137	596	597.83	599.05	0.75386	-1.358	-0.1894	0.715	0.68587
100	595.28	597.42	598.68	0.98738	594.98	597.12	598.37	0.96055	-2.001	-0.3031	0.715	0.81601

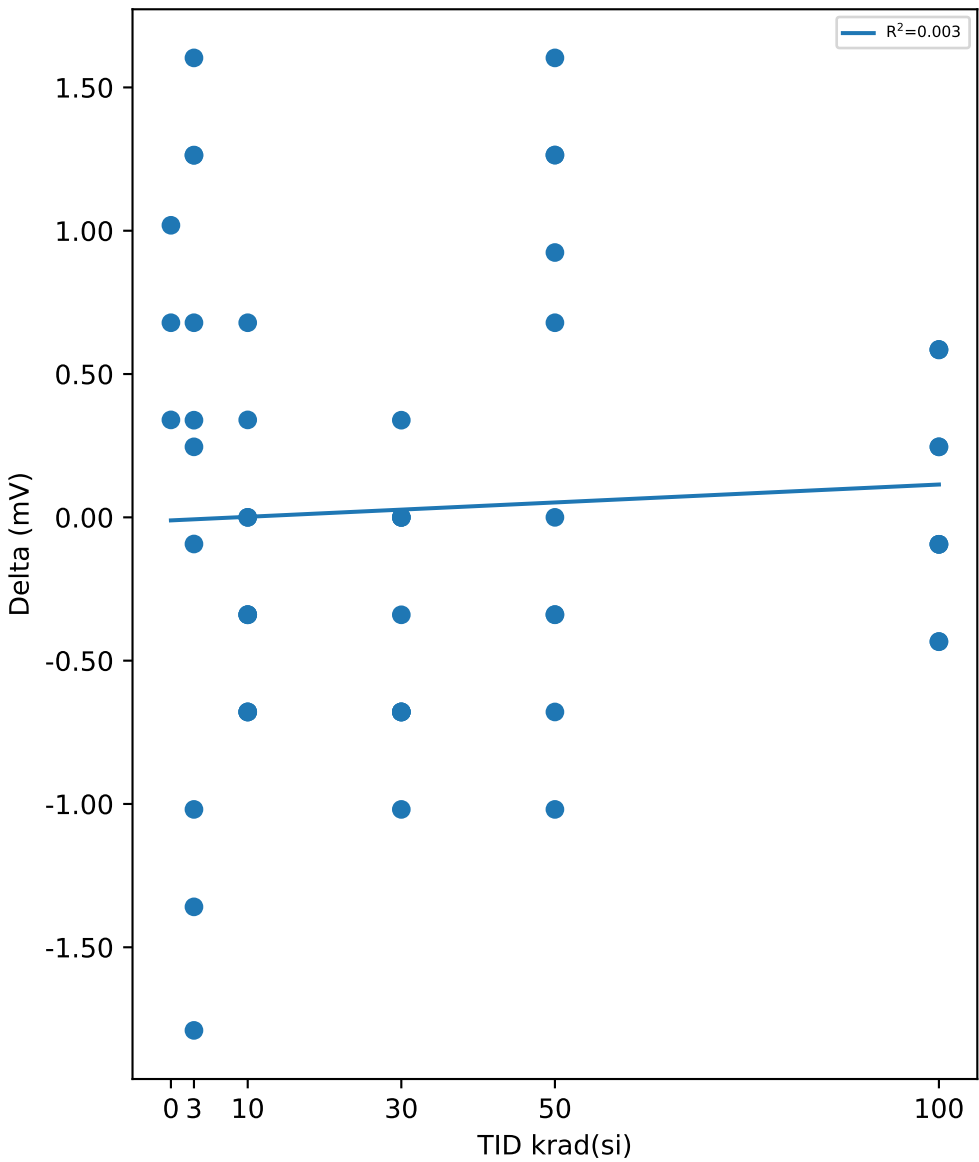
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	598.74	599.42	0.679
301	0	Correlation	599.42	600.44	1.019
302	0	Correlation	598.4	598.74	0.34
303	3	Bias	597.82	599.08	1.264
304	3	Bias	597.14	598.4	1.263
305	3	Bias	600.53	598.74	-1.79
306	3	Bias	598.5	598.74	0.246
307	3	Bias	599.18	599.08	-0.093
308	3	Unbiased	597.82	599.42	1.603
309	3	Unbiased	600.78	599.42	-1.359
310	3	Unbiased	599.08	599.76	0.679
311	3	Unbiased	599.76	598.74	-1.019
312	3	Unbiased	599.08	599.42	0.339
313	10	Bias	597.72	598.06	0.34
314	10	Bias	599.76	599.76	0
315	10	Bias	598.74	598.74	0
316	10	Bias	599.42	598.74	-0.679
317	10	Bias	599.08	598.74	-0.34
318	10	Unbiased	599.76	600.44	0.679
319	10	Unbiased	598.4	598.06	-0.339
320	10	Unbiased	599.42	598.74	-0.679
321	10	Unbiased	599.08	598.74	-0.34
322	10	Unbiased	599.42	598.74	-0.679
323	30	Bias	599.76	598.74	-1.019
324	30	Bias	598.74	598.74	0
325	30	Bias	599.76	599.76	0
326	30	Bias	599.08	598.74	-0.34
327	30	Bias	599.42	598.74	-0.679
328	30	Unbiased	600.44	599.76	-0.679
329	30	Unbiased	599.08	599.08	0
330	30	Unbiased	599.76	599.08	-0.679
331	30	Unbiased	598.06	598.4	0.339
332	30	Unbiased	598.4	597.72	-0.679
333	50	Bias	599.42	599.08	-0.339
334	50	Bias	599.08	598.06	-1.019
335	50	Bias	598.74	598.06	-0.679
336	50	Bias	598.74	598.74	0
337	50	Bias	598.74	598.4	-0.34
338	50	Unbiased	599.08	599.76	0.679
339	50	Unbiased	597.82	599.42	1.603
340	50	Unbiased	597.82	599.08	1.264
341	50	Unbiased	597.14	598.06	0.924
342	50	Unbiased	598.84	600.1	1.264
343	100	Bias	598.16	598.74	0.585
344	100	Bias	597.82	598.4	0.584
345	100	Bias	598.84	599.08	0.246
346	100	Bias	598.5	598.06	-0.433
347	100	Bias	599.51	600.1	0.586
348	100	Unbiased	598.16	598.06	-0.094
349	100	Unbiased	597.48	597.04	-0.434
350	100	Unbiased	598.84	599.08	0.246
351	100	Unbiased	598.5	598.4	-0.094
352	100	Unbiased	598.16	598.06	-0.094

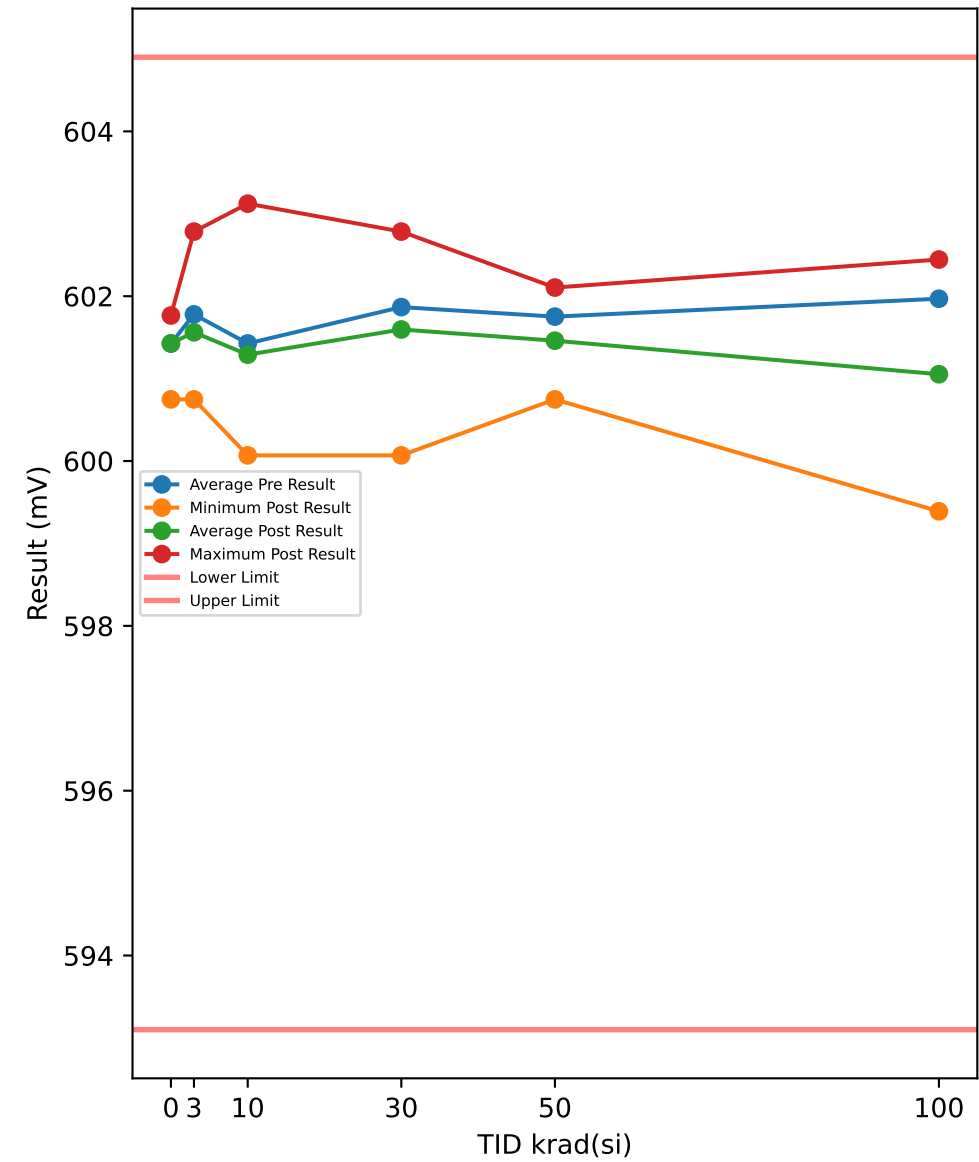
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.4	598.86	599.42	0.51881	598.74	599.54	600.44	0.85465	0.34	0.67933	1.019	0.3395
3	597.14	598.97	600.78	1.1851	598.4	599.08	599.76	0.42361	-1.79	0.1133	1.603	1.1723
10	597.72	599.08	599.76	0.64046	598.06	598.88	600.44	0.71949	-0.679	-0.2037	0.679	0.45837
30	598.06	599.25	600.44	0.72044	597.72	598.88	599.76	0.60343	-1.019	-0.3736	0.339	0.43682
50	597.14	598.54	599.42	0.71329	598.06	598.88	600.1	0.73702	-1.019	0.3357	1.603	0.92393
100	597.48	598.4	599.51	0.57786	597.04	598.51	600.1	0.81703	-0.434	0.1098	0.586	0.39854

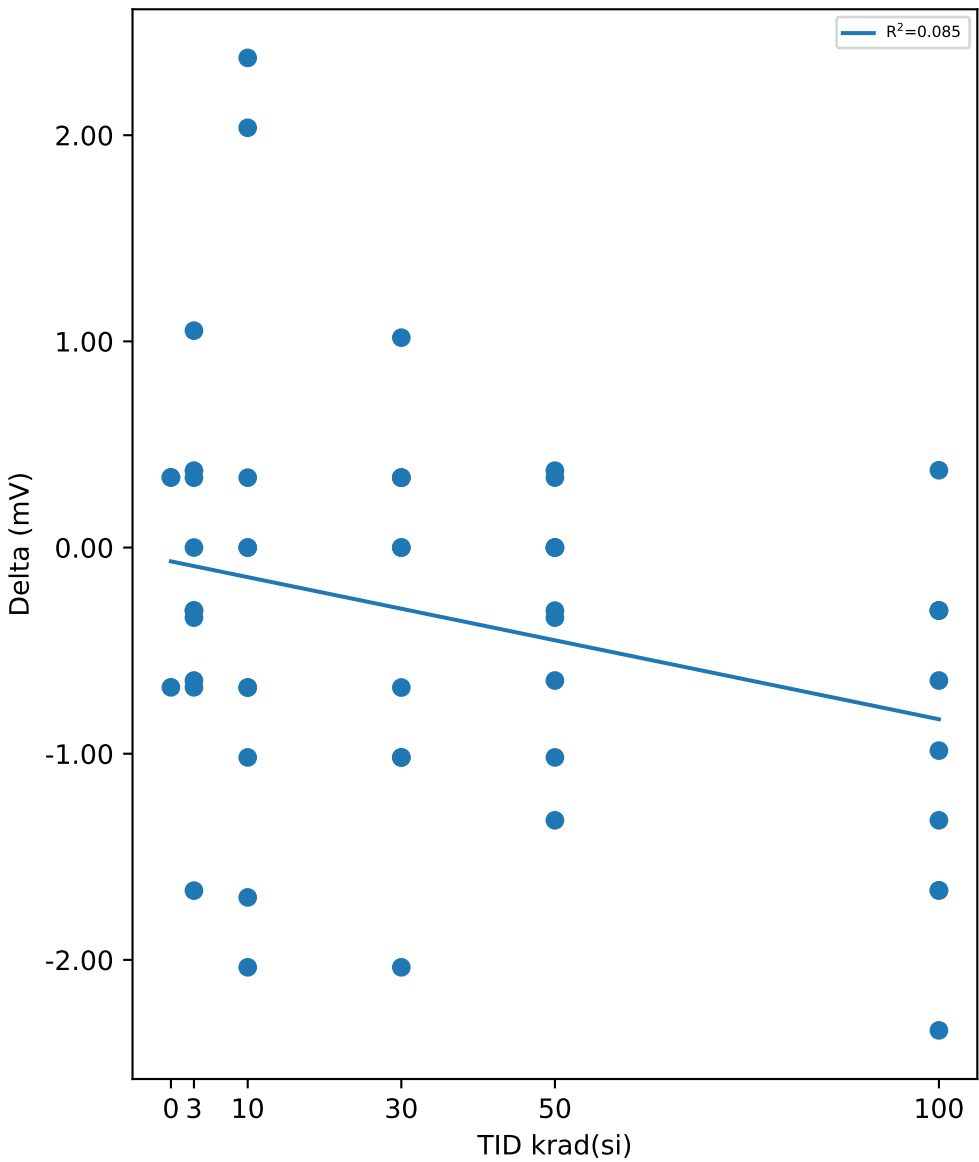
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	601.43	601.77	0.34
301	0	Correlation	601.43	601.77	0.34
302	0	Correlation	601.43	600.75	-0.678
303	3	Bias	601.05	600.75	-0.305
304	3	Bias	601.73	601.09	-0.645
305	3	Bias	602.41	602.11	-0.306
306	3	Bias	601.73	602.78	1.052
307	3	Bias	603.09	601.43	-1.664
308	3	Unbiased	601.05	601.43	0.373
309	3	Unbiased	601.77	601.77	0
310	3	Unbiased	601.09	601.43	0.339
311	3	Unbiased	602.45	602.11	-0.34
312	3	Unbiased	601.43	600.75	-0.678
313	10	Bias	600.75	600.75	0
314	10	Bias	602.11	601.43	-0.679
315	10	Bias	599.05	601.09	2.036
316	10	Bias	602.78	600.75	-2.036
317	10	Bias	601.09	600.07	-1.018
318	10	Unbiased	602.45	602.78	0.339
319	10	Unbiased	601.77	601.09	-0.679
320	10	Unbiased	602.45	600.75	-1.697
321	10	Unbiased	601.09	601.09	0
322	10	Unbiased	600.75	603.12	2.375
323	30	Bias	601.09	601.43	0.339
324	30	Bias	602.78	602.78	0
325	30	Bias	602.45	602.78	0.339
326	30	Bias	600.75	601.77	1.018
327	30	Bias	602.11	600.07	-2.036
328	30	Unbiased	602.78	601.77	-1.018
329	30	Unbiased	600.75	600.75	0
330	30	Unbiased	603.12	602.11	-1.018
331	30	Unbiased	601.77	602.11	0.339
332	30	Unbiased	601.09	600.41	-0.679
333	50	Bias	601.77	601.77	0
334	50	Bias	601.43	601.43	0
335	50	Bias	601.09	601.43	0.339
336	50	Bias	600.75	600.75	0
337	50	Bias	603.12	602.11	-1.018
338	50	Unbiased	602.45	602.11	-0.34
339	50	Unbiased	602.07	601.43	-0.645
340	50	Unbiased	601.05	601.43	0.373
341	50	Unbiased	602.07	600.75	-1.323
342	50	Unbiased	601.73	601.43	-0.306
343	100	Bias	603.09	602.11	-0.985
344	100	Bias	602.41	602.11	-0.306
345	100	Bias	602.07	601.77	-0.305
346	100	Bias	601.05	600.75	-0.305
347	100	Bias	603.09	602.45	-0.645
348	100	Unbiased	602.07	600.41	-1.663
349	100	Unbiased	602.07	600.75	-1.323
350	100	Unbiased	602.41	600.75	-1.663
351	100	Unbiased	599.01	599.39	0.375
352	100	Unbiased	602.41	600.07	-2.342

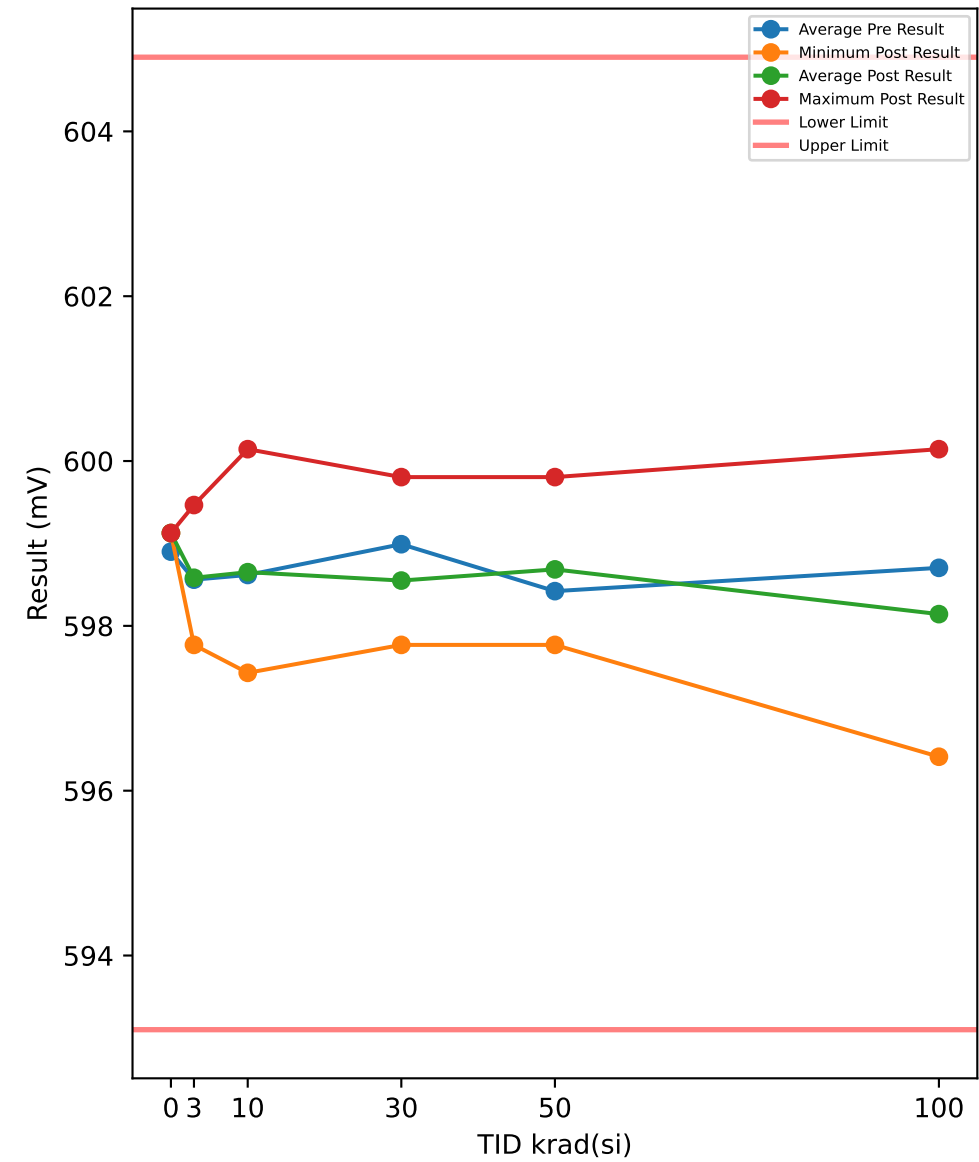
TID vs Post - Pre Exposure Delta



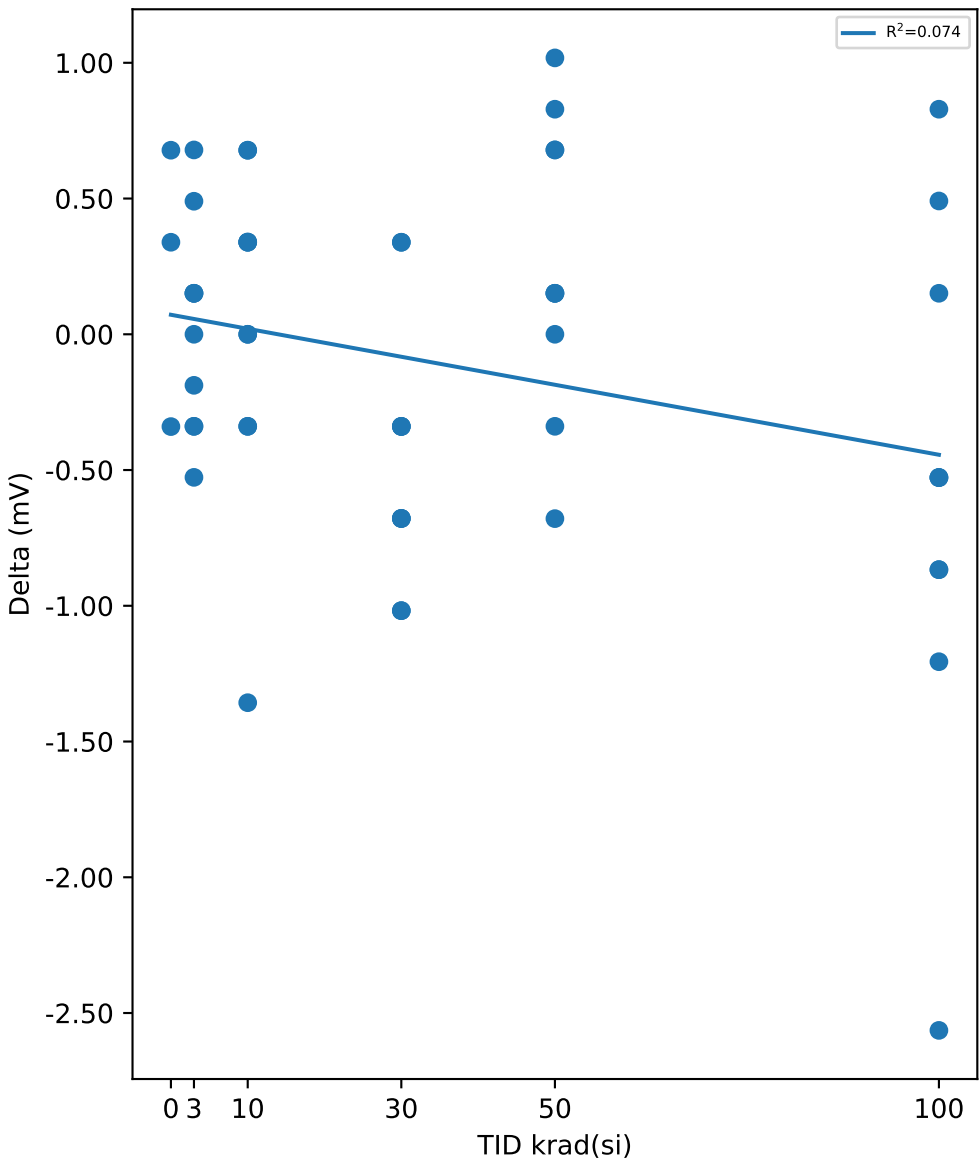
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	601.43	601.43	601.43	0	600.75	601.43	601.77	0.58774	-0.678	0.00066667	0.34	0.58774
3	601.05	601.78	603.09	0.68507	600.75	601.56	602.78	0.64385	-1.664	-0.2174	1.052	0.73295
10	599.05	601.43	602.78	1.1199	600.07	601.29	603.12	0.94904	-2.036	-0.1359	2.375	1.4414
30	600.75	601.87	603.12	0.90562	600.07	601.6	602.78	0.93629	-2.036	-0.2716	1.018	0.902
50	600.75	601.75	603.12	0.71563	600.75	601.46	602.11	0.46492	-1.323	-0.292	0.373	0.5591
100	599.01	601.97	603.09	1.1877	599.39	601.05	602.45	1.0049	-2.342	-0.9162	0.375	0.82857

TID vs Result Stats



TID vs Post - Pre Exposure Delta



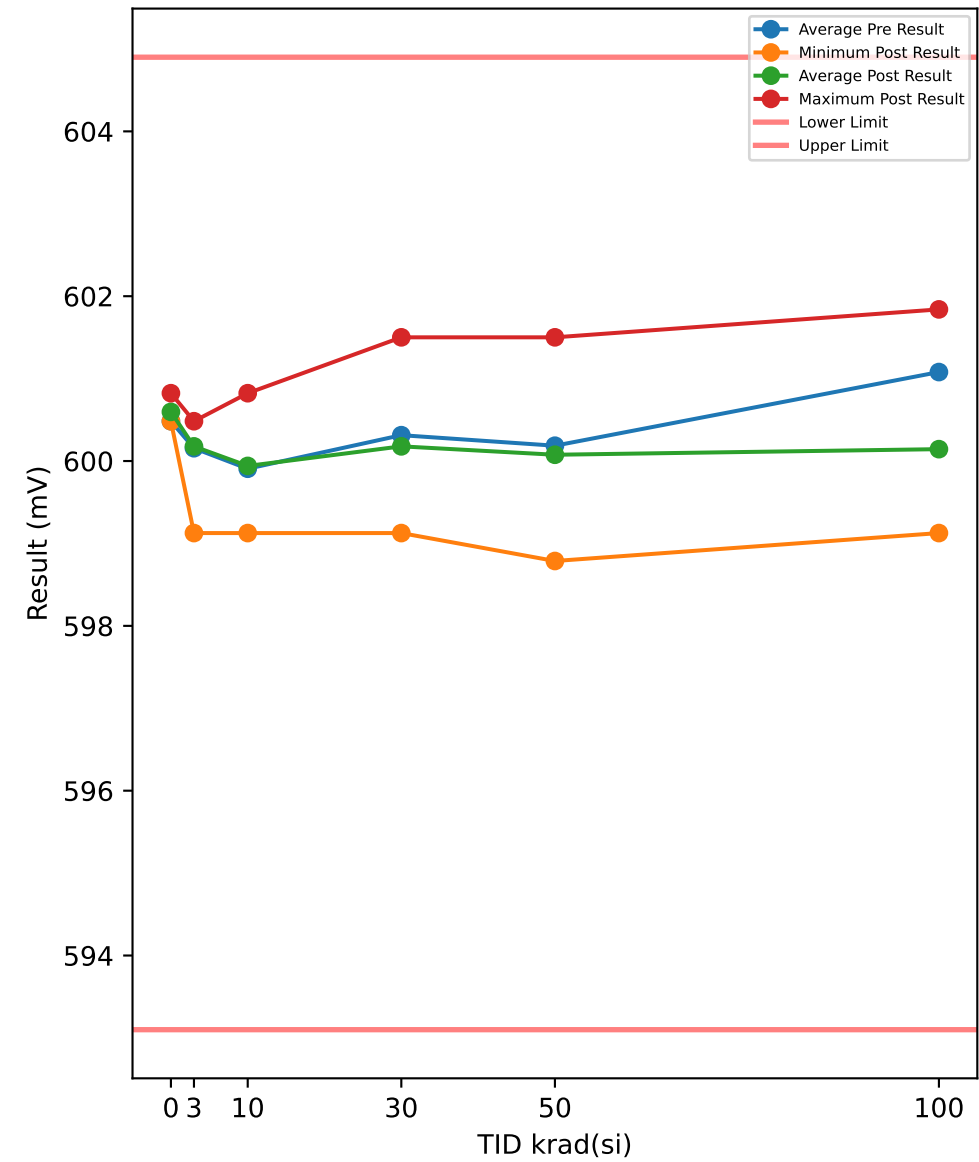
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.47	599.13	-0.34
301	0	Correlation	598.45	599.13	0.678
302	0	Correlation	598.79	599.13	0.339
303	3	Bias	598.98	599.13	0.151
304	3	Bias	598.98	598.45	-0.527
305	3	Bias	598.3	598.79	0.49
306	3	Bias	598.3	598.45	0.151
307	3	Bias	597.96	597.77	-0.188
308	3	Unbiased	598.98	599.13	0.151
309	3	Unbiased	598.45	598.11	-0.339
310	3	Unbiased	598.79	599.47	0.679
311	3	Unbiased	599.13	598.79	-0.339
312	3	Unbiased	597.77	597.77	0
313	10	Bias	597.77	597.43	-0.339
314	10	Bias	597.77	597.77	0
315	10	Bias	598.45	598.79	0.339
316	10	Bias	599.13	599.47	0.34
317	10	Bias	598.79	598.45	-0.339
318	10	Unbiased	599.47	600.14	0.678
319	10	Unbiased	598.79	598.79	0
320	10	Unbiased	598.45	598.79	0.339
321	10	Unbiased	598.11	598.79	0.678
322	10	Unbiased	599.47	598.11	-1.357
323	30	Bias	598.79	597.77	-1.018
324	30	Bias	599.47	599.13	-0.34
325	30	Bias	599.47	598.79	-0.679
326	30	Bias	599.13	598.45	-0.678
327	30	Bias	598.11	598.45	0.339
328	30	Unbiased	600.14	599.8	-0.339
329	30	Unbiased	598.79	598.11	-0.678
330	30	Unbiased	599.8	598.79	-1.018
331	30	Unbiased	598.79	598.45	-0.339
332	30	Unbiased	597.43	597.77	0.339
333	50	Bias	599.13	599.8	0.679
334	50	Bias	598.11	598.11	0
335	50	Bias	598.45	597.77	-0.679
336	50	Bias	599.13	598.79	-0.339
337	50	Bias	597.77	598.45	0.679
338	50	Unbiased	598.45	599.47	1.018
339	50	Unbiased	598.3	599.13	0.829
340	50	Unbiased	598.3	598.45	0.151
341	50	Unbiased	597.62	597.77	0.151
342	50	Unbiased	598.98	599.13	0.151
343	100	Bias	598.98	598.45	-0.527
344	100	Bias	598.64	597.77	-0.867
345	100	Bias	598.3	597.77	-0.528
346	100	Bias	597.96	598.45	0.491
347	100	Bias	599.32	600.14	0.829
348	100	Unbiased	597.62	596.41	-1.206
349	100	Unbiased	600.33	597.77	-2.564
350	100	Unbiased	599.32	598.79	-0.528
351	100	Unbiased	598.3	597.43	-0.867
352	100	Unbiased	598.3	598.45	0.151

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.45	598.9	599.47	0.51838	599.13	599.13	599.13	0	-0.34	0.22567	0.678	0.51838
3	597.77	598.56	599.13	0.47478	597.77	598.58	599.47	0.58108	-0.527	0.0229	0.679	0.38111
10	597.77	598.62	599.47	0.62467	597.43	598.65	600.14	0.78677	-1.357	0.0339	0.678	0.60778
30	597.43	598.99	600.14	0.80284	597.77	598.55	599.8	0.62046	-1.018	-0.4411	0.339	0.48105
50	597.62	598.42	599.13	0.52709	597.77	598.69	599.8	0.69809	-0.679	0.264	1.018	0.53677
100	597.62	598.7	600.33	0.79671	596.41	598.14	600.14	0.97878	-2.564	-0.5616	0.829	0.95245

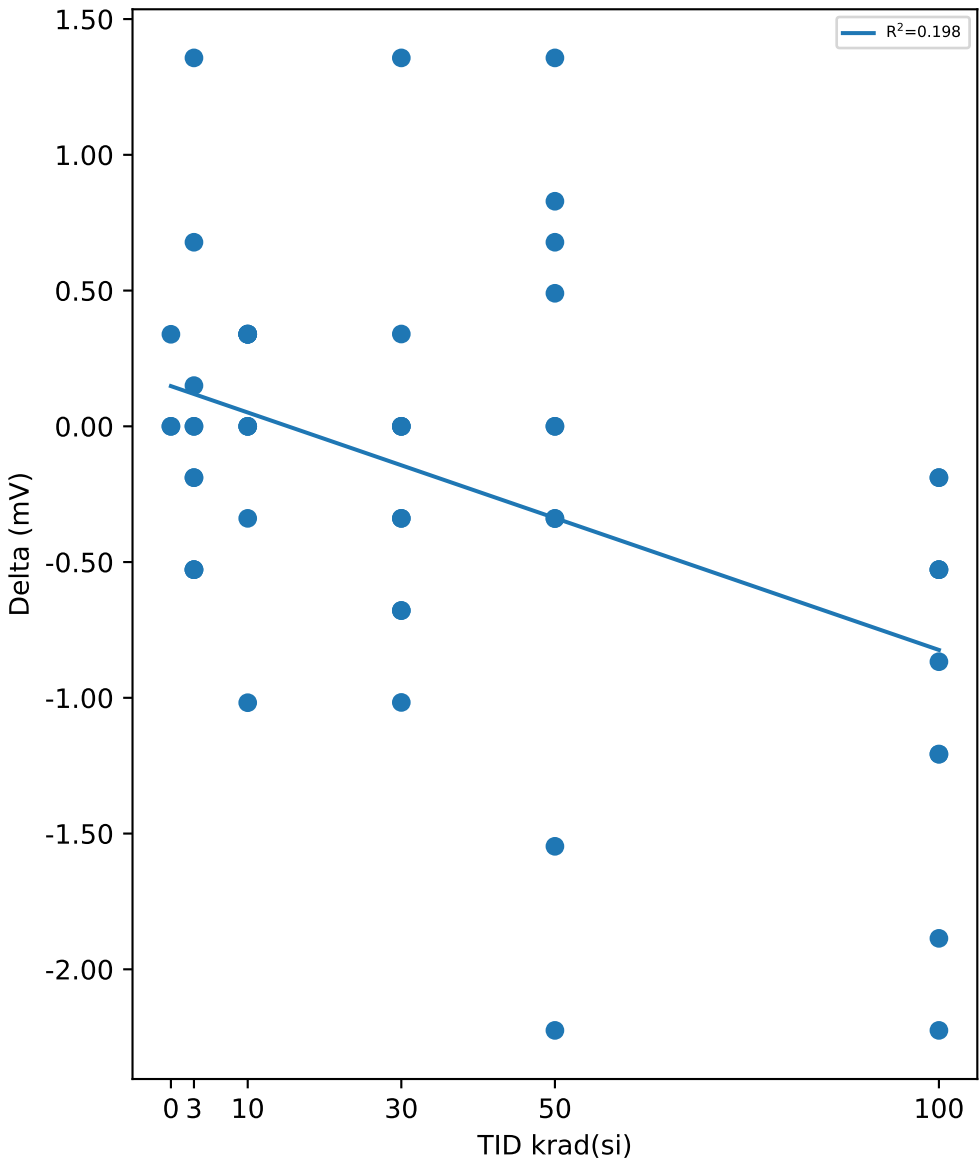
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.14	600.48	0.339
301	0	Correlation	600.82	600.82	0
302	0	Correlation	600.48	600.48	0
303	3	Bias	600.33	600.48	0.15
304	3	Bias	600.33	599.8	-0.528
305	3	Bias	600.67	600.14	-0.528
306	3	Bias	600.67	600.48	-0.189
307	3	Bias	600.67	600.14	-0.528
308	3	Unbiased	600.33	600.14	-0.189
309	3	Unbiased	599.8	600.48	0.678
310	3	Unbiased	600.48	600.48	0
311	3	Unbiased	599.13	600.48	1.357
312	3	Unbiased	599.13	599.13	0
313	10	Bias	598.79	599.13	0.339
314	10	Bias	599.8	599.8	0
315	10	Bias	599.8	600.14	0.339
316	10	Bias	600.48	600.48	0
317	10	Bias	599.13	599.47	0.34
318	10	Unbiased	600.48	600.82	0.34
319	10	Unbiased	600.82	599.8	-1.018
320	10	Unbiased	600.14	599.8	-0.339
321	10	Unbiased	599.47	599.8	0.339
322	10	Unbiased	600.14	600.14	0
323	30	Bias	599.8	599.13	-0.679
324	30	Bias	600.14	600.14	0
325	30	Bias	601.5	600.82	-0.678
326	30	Bias	599.8	599.8	0
327	30	Bias	600.48	599.47	-1.017
328	30	Unbiased	601.84	601.5	-0.339
329	30	Unbiased	600.14	599.8	-0.339
330	30	Unbiased	600.82	600.82	0
331	30	Unbiased	599.47	600.82	1.357
332	30	Unbiased	599.13	599.47	0.34
333	50	Bias	600.82	601.5	0.678
334	50	Bias	598.45	599.8	1.357
335	50	Bias	599.13	599.13	0
336	50	Bias	600.14	599.8	-0.339
337	50	Bias	599.47	599.47	0
338	50	Unbiased	600.82	600.48	-0.34
339	50	Unbiased	602.03	600.48	-1.547
340	50	Unbiased	599.65	600.14	0.49
341	50	Unbiased	601.01	598.79	-2.225
342	50	Unbiased	600.33	601.16	0.829
343	100	Bias	602.71	600.48	-2.225
344	100	Bias	600.33	600.14	-0.189
345	100	Bias	599.99	599.47	-0.528
346	100	Bias	600.33	599.13	-1.207
347	100	Bias	603.05	601.84	-1.208
348	100	Unbiased	599.99	599.8	-0.189
349	100	Unbiased	600.67	599.8	-0.867
350	100	Unbiased	601.35	600.82	-0.528
351	100	Unbiased	600.33	599.8	-0.528
352	100	Unbiased	602.03	600.14	-1.886

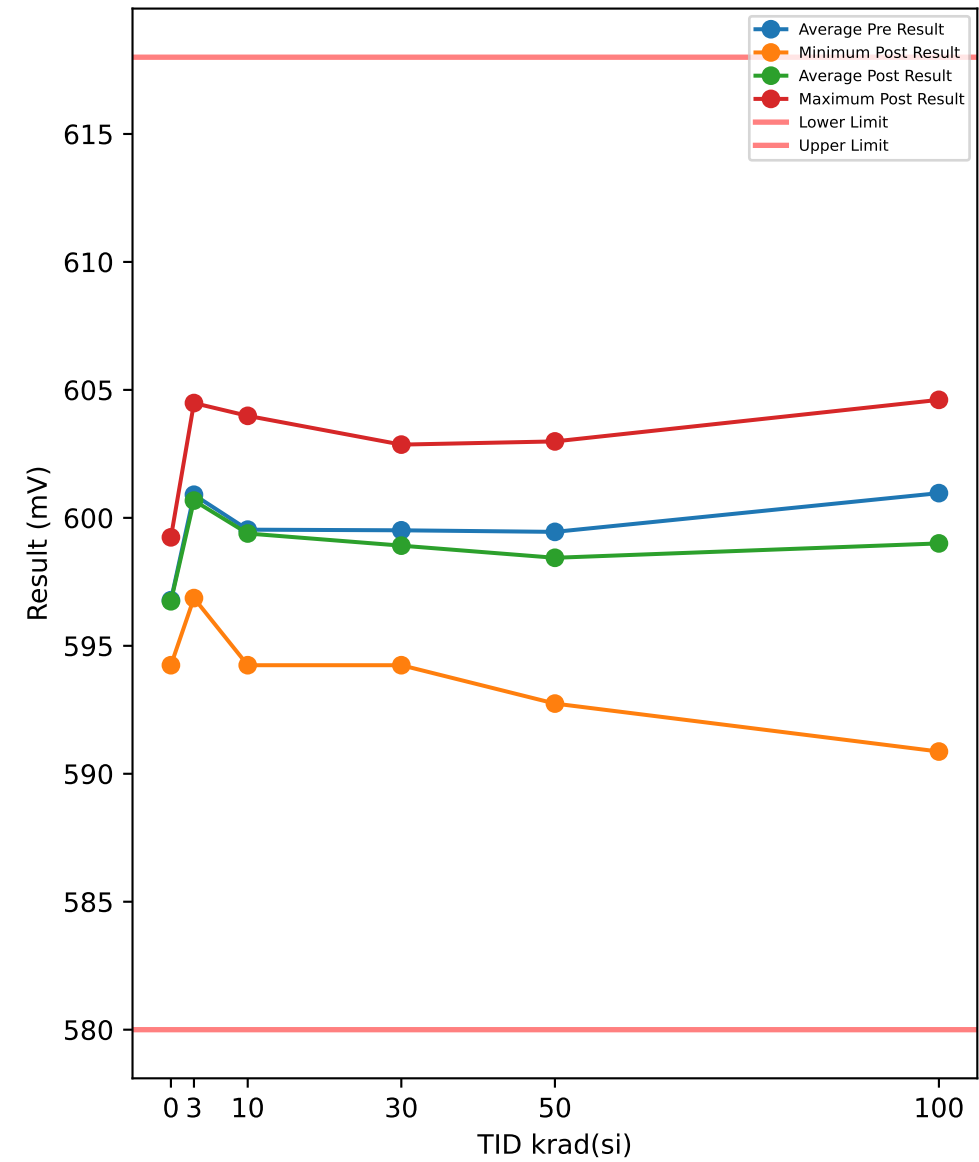
TID vs Post - Pre Exposure Delta



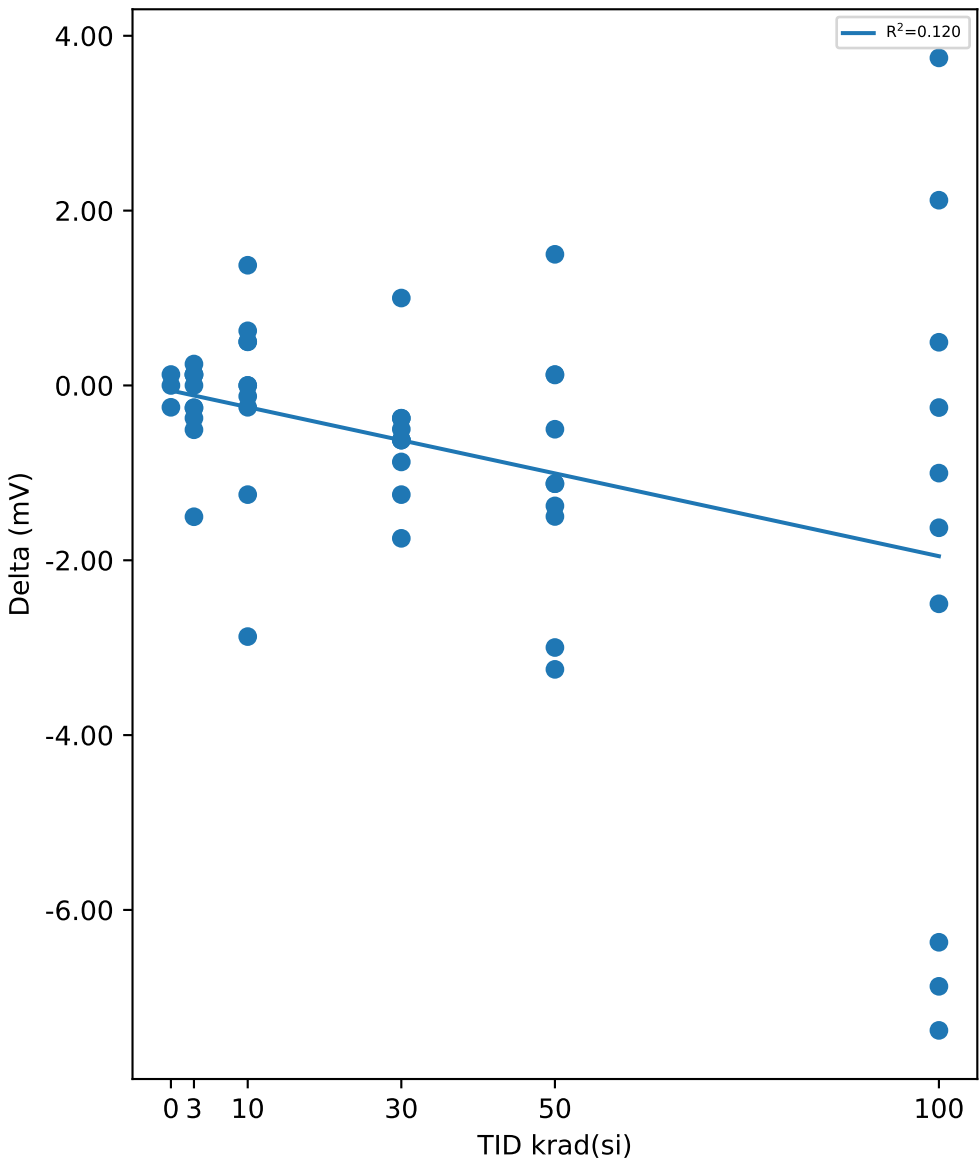
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.14	600.48	600.82	0.3395	600.48	600.6	600.82	0.1963	0	0.113	0.339	0.19572
3	599.13	600.16	600.67	0.60043	599.13	600.18	600.48	0.43645	-0.528	0.0223	1.357	0.59874
10	598.79	599.91	600.82	0.64071	599.13	599.94	600.82	0.4851	-1.018	0.034	0.34	0.43661
30	599.13	600.31	601.84	0.86485	599.13	600.18	601.5	0.77448	-1.017	-0.1355	1.357	0.66318
50	598.45	600.19	602.03	1.0469	598.79	600.08	601.5	0.85822	-2.225	-0.1097	1.357	1.0895
100	599.99	601.08	603.05	1.1401	599.13	600.14	601.84	0.76689	-2.225	-0.9355	-0.189	0.69375

TID vs Result Stats



TID vs Post - Pre Exposure Delta



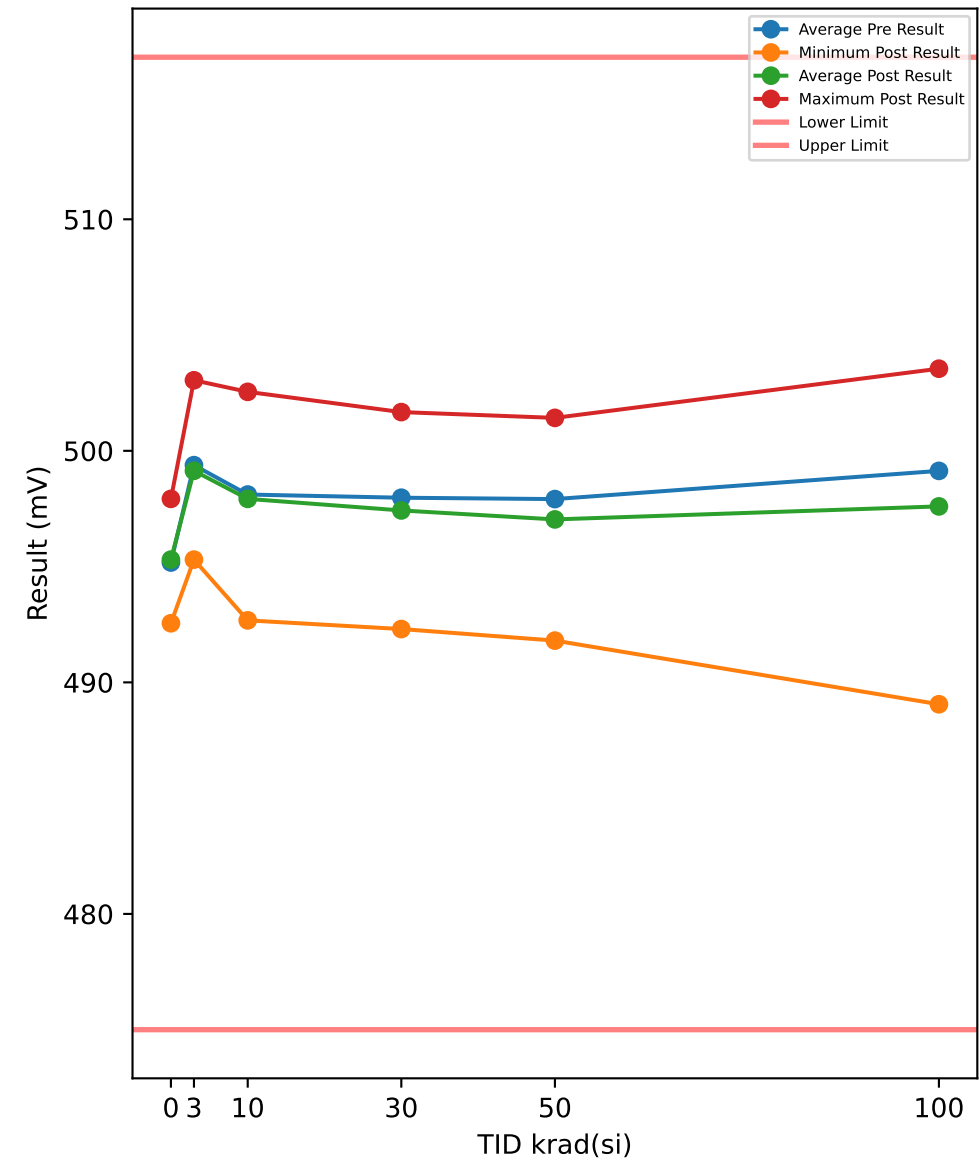
Test Results (Lower Limit = 580.0, Upper Limit = 618.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	596.99	596.74	-0.25
301	0	Correlation	594.24	594.24	0
302	0	Correlation	599.11	599.24	0.125
303	3	Bias	604.99	604.49	-0.507
304	3	Bias	601.99	601.74	-0.255
305	3	Bias	603.99	603.74	-0.257
306	3	Bias	600.24	600.36	0.122
307	3	Bias	600.37	598.86	-1.502
308	3	Unbiased	602.12	602.36	0.245
309	3	Unbiased	597.74	597.87	0.125
310	3	Unbiased	596.87	596.87	0
311	3	Unbiased	600.11	599.74	-0.374
312	3	Unbiased	600.61	600.74	0.125
313	10	Bias	602.74	602.74	0
314	10	Bias	601.11	601.61	0.499
315	10	Bias	594.49	594.24	-0.25
316	10	Bias	600.61	597.74	-2.873
317	10	Bias	600.24	598.99	-1.249
318	10	Unbiased	598.24	598.74	0.5
319	10	Unbiased	603.36	603.99	0.625
320	10	Unbiased	599.86	599.74	-0.124
321	10	Unbiased	599.74	599.74	0
322	10	Unbiased	594.99	596.37	1.375
323	30	Bias	604.61	602.86	-1.749
324	30	Bias	595.12	594.49	-0.624
325	30	Bias	597.49	596.62	-0.875
326	30	Bias	595.49	594.24	-1.249
327	30	Bias	598.49	597.87	-0.624
328	30	Unbiased	601.49	602.49	1
329	30	Unbiased	602.36	601.86	-0.5
330	30	Unbiased	600.61	600.24	-0.375
331	30	Unbiased	602.24	601.61	-0.625
332	30	Unbiased	597.24	596.87	-0.375
333	50	Bias	597.12	595.99	-1.124
334	50	Bias	599.11	597.99	-1.124
335	50	Bias	594.24	592.74	-1.499
336	50	Bias	599.36	596.12	-3.248
337	50	Bias	601.61	598.61	-2.998
338	50	Unbiased	602.86	602.99	0.125
339	50	Unbiased	601.62	600.24	-1.378
340	50	Unbiased	599.24	598.74	-0.501
341	50	Unbiased	602.12	602.24	0.12
342	50	Unbiased	597.24	598.74	1.5
343	100	Bias	597.24	590.87	-6.37
344	100	Bias	598.24	595.74	-2.498
345	100	Bias	601.24	594.37	-6.874
346	100	Bias	604.87	597.49	-7.378
347	100	Bias	601.87	600.24	-1.628
348	100	Unbiased	601.37	600.36	-1.003
349	100	Unbiased	602.49	604.61	2.119
350	100	Unbiased	598.74	602.49	3.747
351	100	Unbiased	603.12	603.61	0.494
352	100	Unbiased	600.49	600.24	-0.253

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	594.24	596.78	599.11	2.4427	594.24	596.74	599.24	2.4985	-0.25	-0.041667	0.125	0.19094
3	596.87	600.9	604.99	2.5096	596.87	600.68	604.49	2.4616	-1.502	-0.2278	0.245	0.51329
10	594.49	599.54	603.36	2.924	594.24	599.39	603.99	2.9147	-2.873	-0.1497	1.375	1.1761
30	595.12	599.51	604.61	3.205	594.24	598.91	602.86	3.3005	-1.749	-0.5996	1	0.70632
50	594.24	599.45	602.86	2.7029	592.74	598.44	602.99	3.0293	-3.248	-1.0127	1.5	1.4332
100	597.24	600.97	604.87	2.3508	590.87	599	604.61	4.35	-7.378	-1.9644	3.747	3.8356

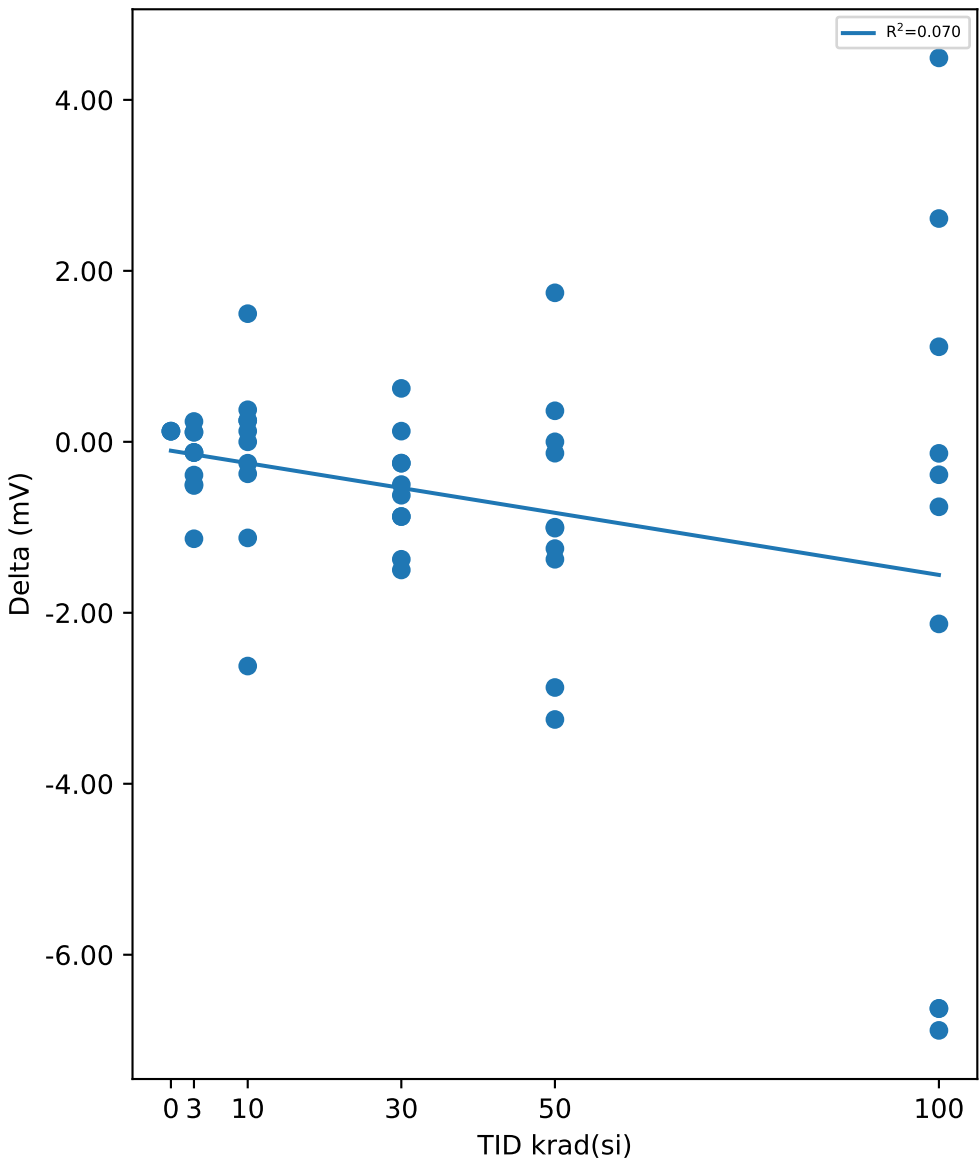
TID vs Result Stats



Test Results (Lower Limit = 475.0, Upper Limit = 517.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	495.3	495.43	0.124
301	0	Correlation	492.43	492.55	0.125
302	0	Correlation	497.8	497.93	0.125
303	3	Bias	502.94	503.05	0.111
304	3	Bias	500.56	500.05	-0.511
305	3	Bias	502.56	502.17	-0.389
306	3	Bias	498.93	499.05	0.115
307	3	Bias	498.68	497.55	-1.134
308	3	Unbiased	500.56	500.8	0.238
309	3	Unbiased	496.05	495.93	-0.125
310	3	Unbiased	495.43	495.3	-0.124
311	3	Unbiased	498.8	498.3	-0.499
312	3	Unbiased	499.3	499.17	-0.125
313	10	Bias	501.42	501.42	0
314	10	Bias	499.67	500.05	0.375
315	10	Bias	492.93	492.68	-0.25
316	10	Bias	498.92	496.3	-2.623
317	10	Bias	498.67	497.55	-1.124
318	10	Unbiased	496.8	497.05	0.249
319	10	Unbiased	502.3	502.55	0.25
320	10	Unbiased	498.3	498.43	0.125
321	10	Unbiased	498.67	498.3	-0.374
322	10	Unbiased	493.43	494.93	1.499
323	30	Bias	503.05	501.67	-1.374
324	30	Bias	493.43	492.8	-0.625
325	30	Bias	495.93	495.05	-0.874
326	30	Bias	493.8	492.3	-1.499
327	30	Bias	497.05	496.8	-0.249
328	30	Unbiased	499.55	500.17	0.625
329	30	Unbiased	501.17	500.67	-0.5
330	30	Unbiased	498.8	498.92	0.125
331	30	Unbiased	501.05	500.17	-0.874
332	30	Unbiased	495.93	495.68	-0.25
333	50	Bias	495.43	494.43	-0.999
334	50	Bias	498.05	496.8	-1.249
335	50	Bias	493.18	491.8	-1.374
336	50	Bias	497.93	494.68	-3.248
337	50	Bias	500.17	497.3	-2.874
338	50	Unbiased	501.42	501.42	0
339	50	Unbiased	499.68	498.67	-1.01
340	50	Unbiased	497.31	497.18	-0.133
341	50	Unbiased	500.56	500.92	0.363
342	50	Unbiased	495.43	497.18	1.743
343	100	Bias	495.68	489.06	-6.627
344	100	Bias	496.56	494.43	-2.13
345	100	Bias	499.43	492.8	-6.631
346	100	Bias	502.94	496.05	-6.885
347	100	Bias	499.56	498.8	-0.76
348	100	Unbiased	499.43	499.05	-0.385
349	100	Unbiased	500.94	503.55	2.612
350	100	Unbiased	496.43	500.92	4.491
351	100	Unbiased	501.44	502.55	1.112
352	100	Unbiased	498.93	498.8	-0.135

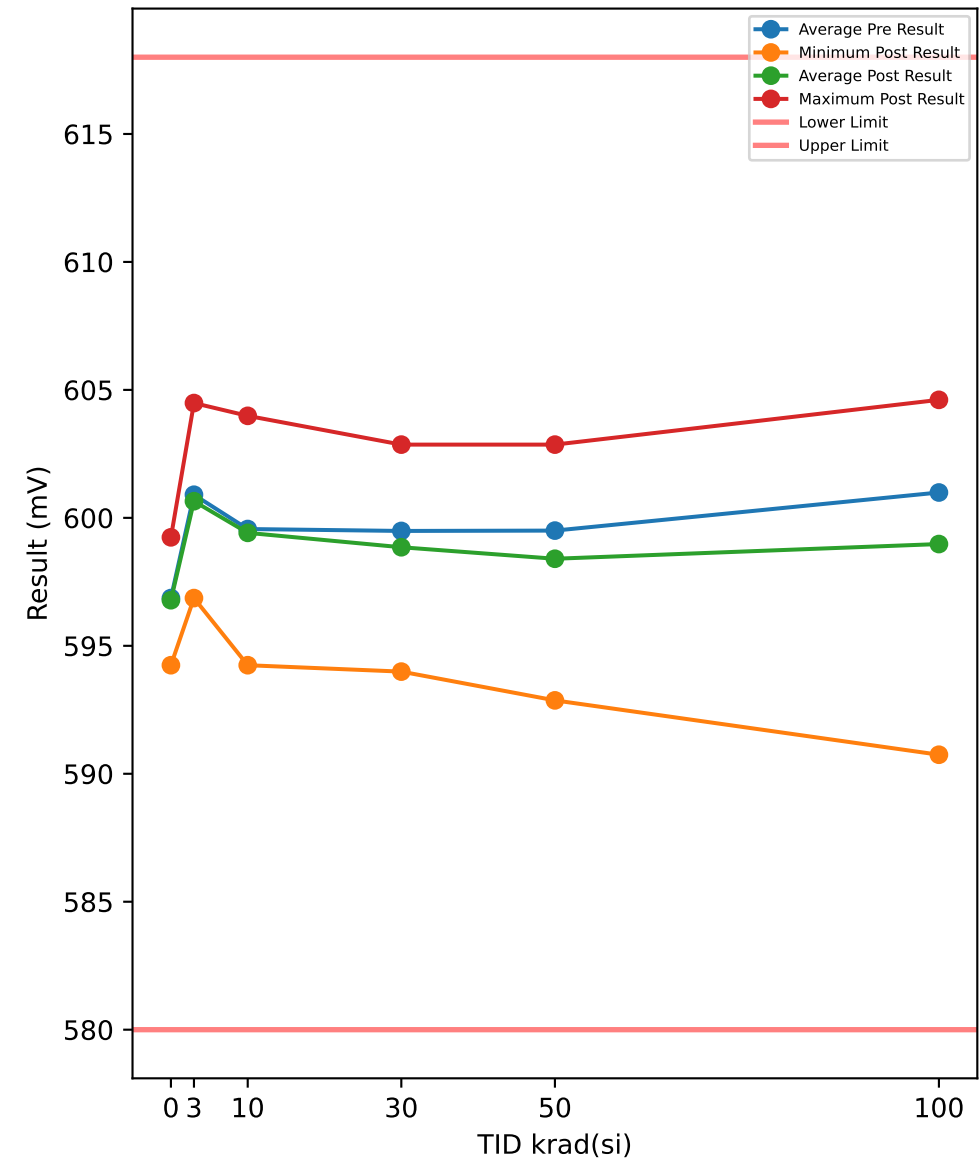
TID vs Post - Pre Exposure Delta



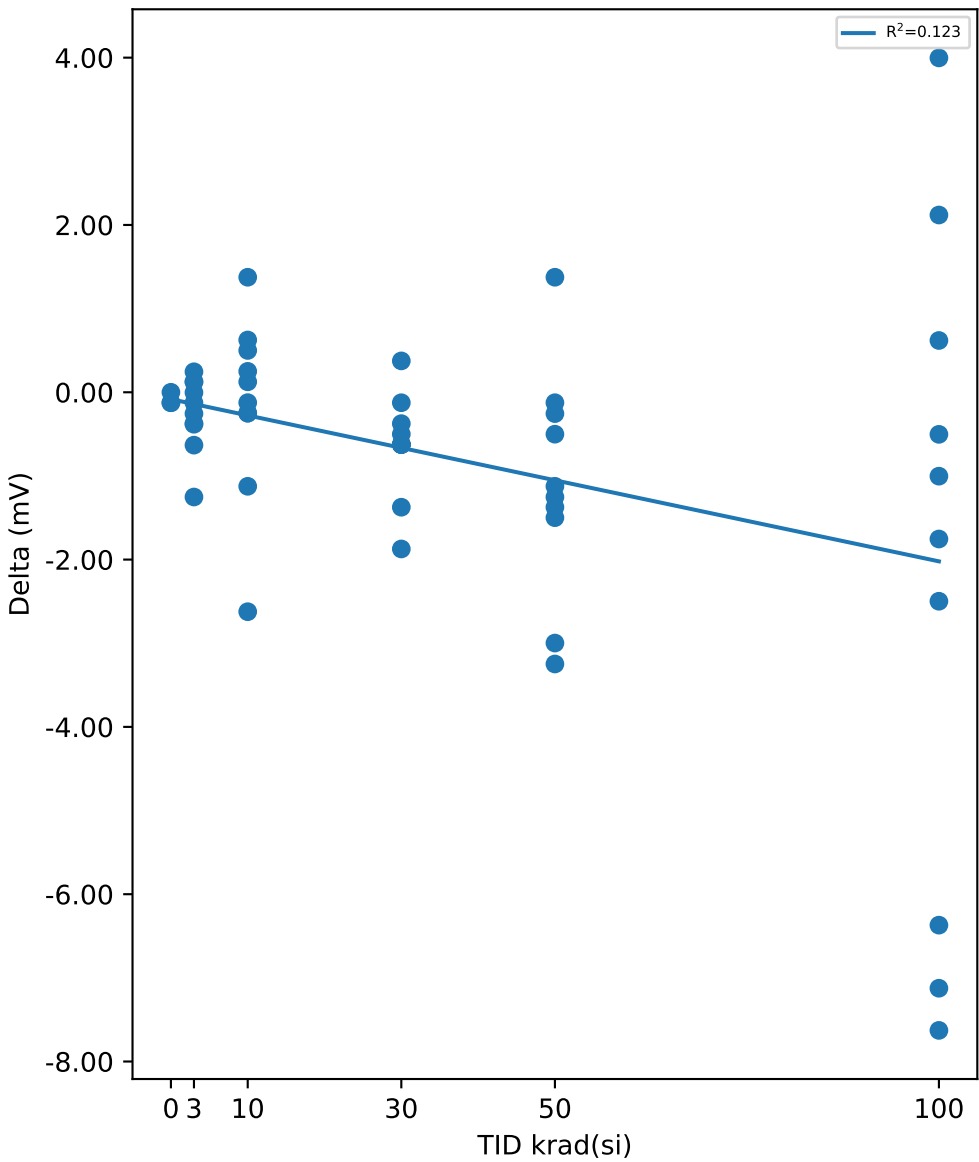
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.43	495.18	497.8	2.6882	492.55	495.3	497.93	2.6882	0.124	0.12467	0.125	0.00057735
3	495.43	499.38	502.94	2.4334	495.3	499.14	503.05	2.5019	-1.134	-0.2443	0.238	0.40543
10	492.93	498.11	502.3	3.0327	492.68	497.93	502.55	2.9545	-2.623	-0.1873	1.499	1.0813
30	493.43	497.97	503.05	3.2642	492.3	497.43	501.67	3.3769	-1.499	-0.5495	0.625	0.65103
50	493.18	497.92	501.42	2.6399	491.8	497.04	501.42	2.924	-3.248	-0.8781	1.743	1.4815
100	495.68	499.13	502.94	2.3393	489.06	497.6	503.55	4.5259	-6.885	-1.5338	4.491	4.0177

TID vs Result Stats



TID vs Post - Pre Exposure Delta



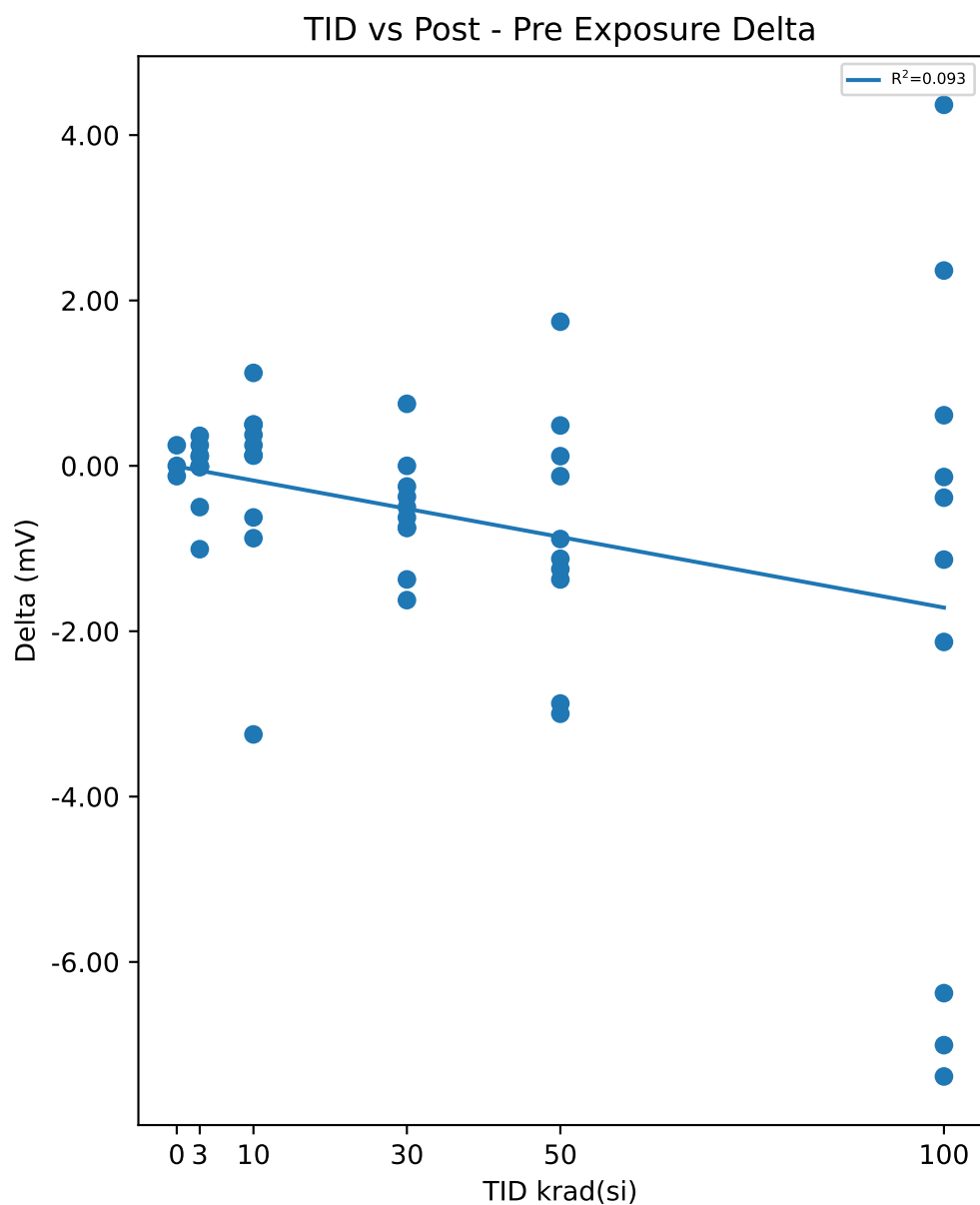
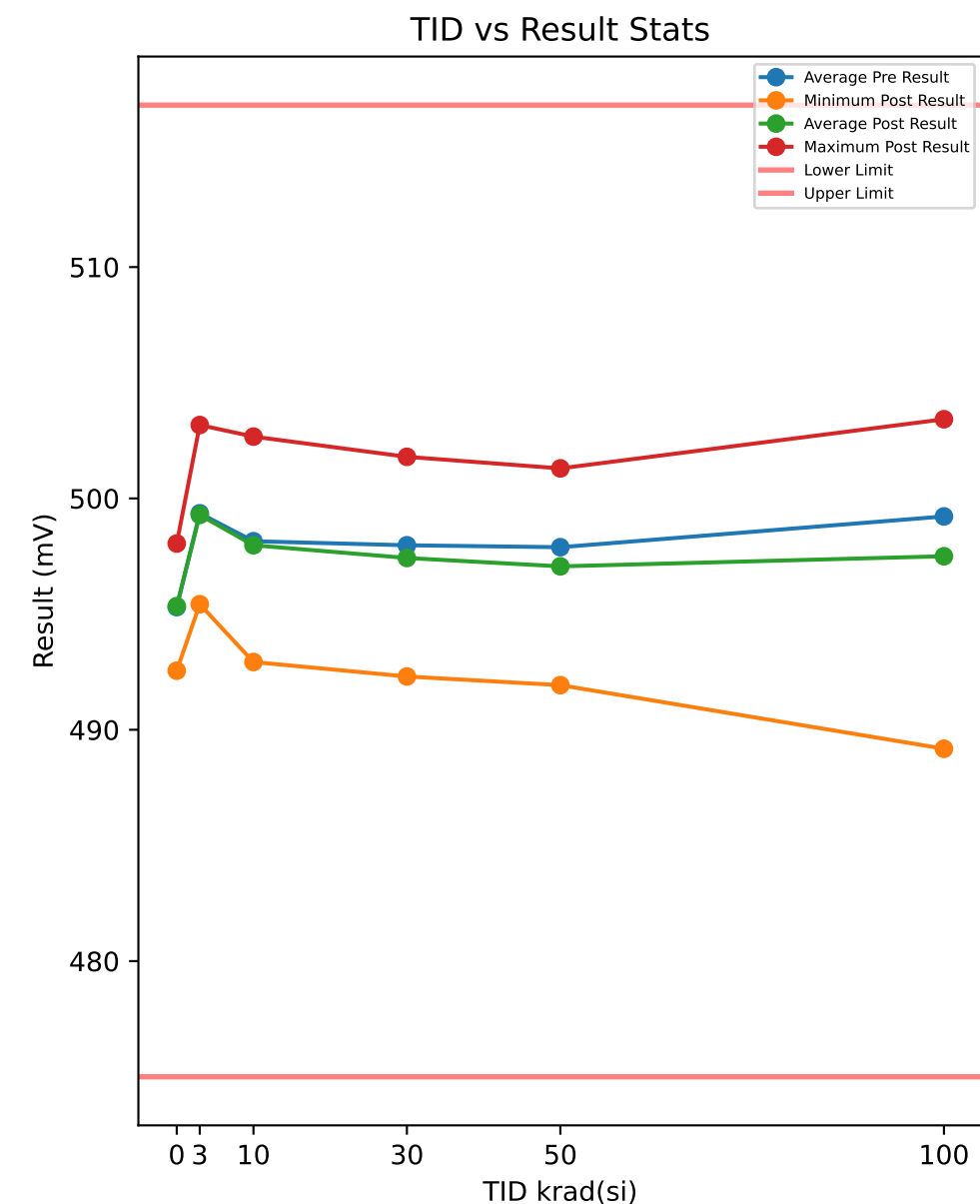
Test Results (Lower Limit = 580.0, Upper Limit = 618.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	596.99	596.87	-0.125
301	0	Correlation	594.37	594.24	-0.125
302	0	Correlation	599.24	599.24	0
303	3	Bias	604.87	604.49	-0.382
304	3	Bias	601.99	601.74	-0.255
305	3	Bias	604.24	603.61	-0.632
306	3	Bias	600.24	600.24	-0.003
307	3	Bias	600.24	598.99	-1.252
308	3	Unbiased	601.99	602.24	0.245
309	3	Unbiased	597.74	597.87	0.125
310	3	Unbiased	596.99	596.87	-0.125
311	3	Unbiased	600.11	599.74	-0.374
312	3	Unbiased	600.61	600.74	0.125
313	10	Bias	602.61	602.74	0.125
314	10	Bias	601.11	601.36	0.25
315	10	Bias	594.49	594.24	-0.25
316	10	Bias	600.61	597.99	-2.623
317	10	Bias	600.24	599.11	-1.124
318	10	Unbiased	598.24	598.86	0.625
319	10	Unbiased	603.49	603.99	0.5
320	10	Unbiased	599.99	599.74	-0.249
321	10	Unbiased	599.86	599.74	-0.124
322	10	Unbiased	594.99	596.37	1.375
323	30	Bias	604.74	602.86	-1.873
324	30	Bias	594.99	594.37	-0.624
325	30	Bias	597.37	596.74	-0.625
326	30	Bias	595.37	593.99	-1.374
327	30	Bias	598.49	597.87	-0.624
328	30	Unbiased	601.74	602.11	0.375
329	30	Unbiased	602.24	601.86	-0.375
330	30	Unbiased	600.49	600.36	-0.125
331	30	Unbiased	602.24	601.61	-0.625
332	30	Unbiased	597.24	596.74	-0.5
333	50	Bias	597.12	595.99	-1.124
334	50	Bias	599.36	597.87	-1.499
335	50	Bias	594.24	592.87	-1.374
336	50	Bias	599.36	596.12	-3.248
337	50	Bias	601.61	598.61	-2.998
338	50	Unbiased	602.99	602.86	-0.125
339	50	Unbiased	601.49	600.24	-1.253
340	50	Unbiased	599.12	598.61	-0.501
341	50	Unbiased	602.24	601.99	-0.255
342	50	Unbiased	597.49	598.86	1.375
343	100	Bias	597.11	590.74	-6.37
344	100	Bias	598.24	595.74	-2.498
345	100	Bias	601.49	594.37	-7.124
346	100	Bias	604.99	597.37	-7.628
347	100	Bias	601.99	600.24	-1.754
348	100	Unbiased	601.24	600.24	-1.003
349	100	Unbiased	602.49	604.61	2.119
350	100	Unbiased	598.62	602.61	3.997
351	100	Unbiased	603.12	603.74	0.619
352	100	Unbiased	600.62	600.11	-0.503

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	594.37	596.87	599.24	2.4384	594.24	596.78	599.24	2.4995	-0.125	-0.083333	0	0.072169
3	596.99	600.9	604.87	2.4978	596.87	600.65	604.49	2.4274	-1.252	-0.2528	0.245	0.44542
10	594.49	599.56	603.49	2.9305	594.24	599.41	603.99	2.8755	-2.623	-0.1495	1.375	1.0888
30	594.99	599.49	604.74	3.2741	593.99	598.85	602.86	3.3216	-1.873	-0.637	0.375	0.61871
50	594.24	599.5	602.99	2.7012	592.87	598.4	602.86	2.9509	-3.248	-1.1002	1.375	1.3591
100	597.11	600.99	604.99	2.4151	590.74	598.98	604.61	4.3992	-7.628	-2.0145	3.997	3.9491

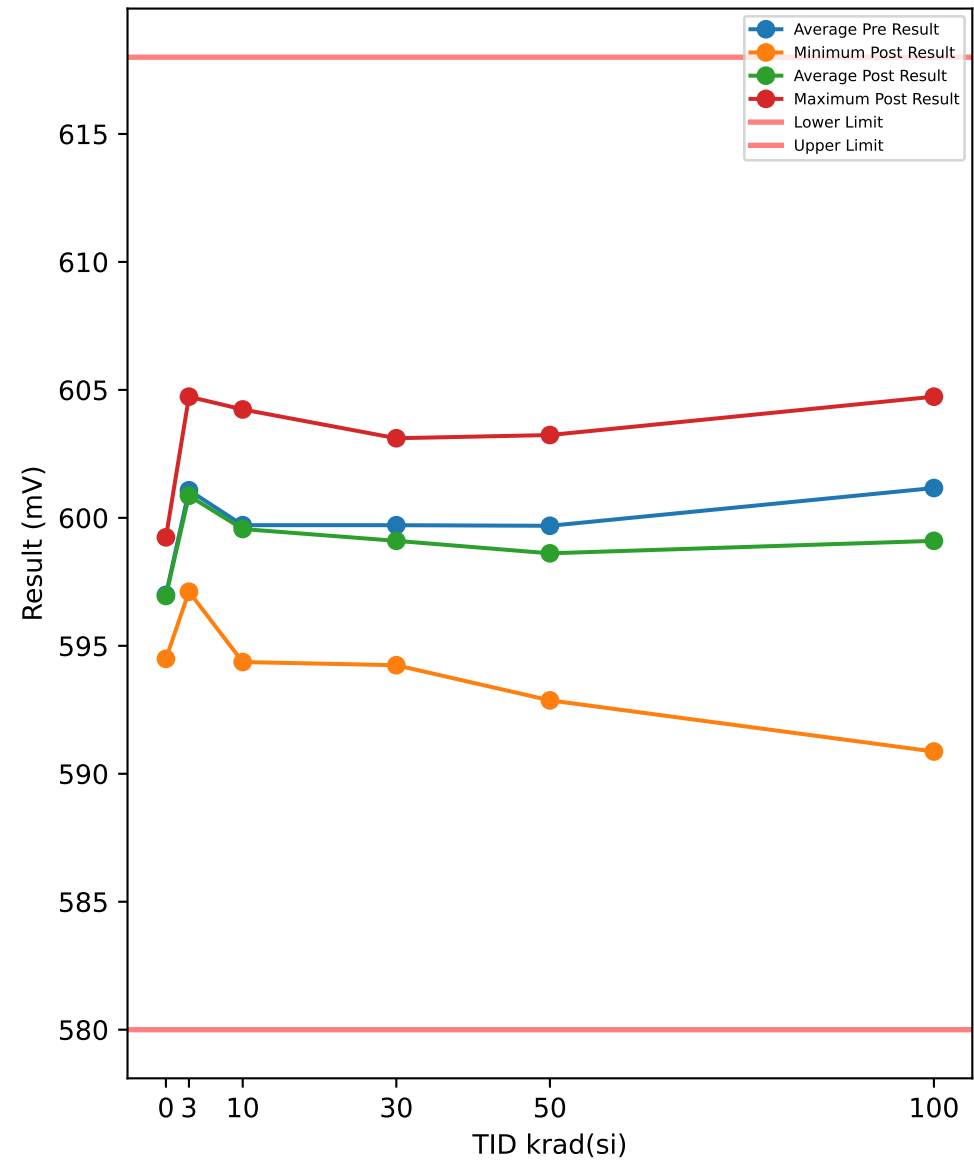
Device Test: 13.37 ; VTH SR UVLO FALL



Test Results (Lower Limit = 475.0, Upper Limit = 517.0 (mV))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	495.18	495.43	0.249
301	0	Correlation	492.55	492.55	0
302	0	Correlation	498.18	498.05	-0.125
303	3	Bias	503.06	503.17	0.111
304	3	Bias	500.44	500.42	-0.012
305	3	Bias	502.69	502.67	-0.014
306	3	Bias	498.81	498.8	-0.01
307	3	Bias	498.56	497.55	-1.008
308	3	Unbiased	500.56	500.92	0.363
309	3	Unbiased	496.05	496.3	0.25
310	3	Unbiased	495.43	495.43	0
311	3	Unbiased	498.67	498.18	-0.499
312	3	Unbiased	499.3	499.42	0.125
313	10	Bias	501.42	501.8	0.375
314	10	Bias	499.92	500.05	0.125
315	10	Bias	492.8	492.93	0.125
316	10	Bias	499.3	496.05	-3.248
317	10	Bias	498.55	497.68	-0.875
318	10	Unbiased	496.55	497.05	0.499
319	10	Unbiased	502.17	502.67	0.5
320	10	Unbiased	498.43	498.67	0.249
321	10	Unbiased	498.8	498.18	-0.624
322	10	Unbiased	493.55	494.68	1.124
323	30	Bias	503.42	501.8	-1.624
324	30	Bias	493.3	492.8	-0.5
325	30	Bias	495.8	495.05	-0.749
326	30	Bias	493.68	492.3	-1.374
327	30	Bias	497.05	496.68	-0.374
328	30	Unbiased	499.55	500.3	0.75
329	30	Unbiased	500.92	500.67	-0.25
330	30	Unbiased	498.8	498.8	0
331	30	Unbiased	501.05	500.42	-0.625
332	30	Unbiased	496.18	495.43	-0.75
333	50	Bias	495.43	494.18	-1.249
334	50	Bias	498.18	496.8	-1.374
335	50	Bias	493.05	491.93	-1.124
336	50	Bias	497.8	494.8	-2.998
337	50	Bias	500.17	497.3	-2.874
338	50	Unbiased	501.42	501.3	-0.125
339	50	Unbiased	499.68	498.8	-0.885
340	50	Unbiased	497.18	497.3	0.117
341	50	Unbiased	500.56	501.05	0.488
342	50	Unbiased	495.43	497.18	1.743
343	100	Bias	495.56	489.18	-6.377
344	100	Bias	496.68	494.55	-2.13
345	100	Bias	499.56	492.55	-7.006
346	100	Bias	503.19	495.8	-7.385
347	100	Bias	499.56	498.43	-1.134
348	100	Unbiased	499.56	499.17	-0.385
349	100	Unbiased	501.06	503.42	2.362
350	100	Unbiased	496.56	500.92	4.366
351	100	Unbiased	501.56	502.17	0.612
352	100	Unbiased	498.93	498.8	-0.135

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.55	495.3	498.18	2.8131	492.55	495.34	498.05	2.7494	-0.125	0.041333	0.249	0.1904
3	495.43	499.36	503.06	2.4766	495.43	499.29	503.17	2.5572	-1.008	-0.0694	0.363	0.39994
10	492.8	498.15	502.17	3.0604	492.93	497.97	502.67	3.0277	-3.248	-0.175	1.124	1.22
30	493.3	497.97	503.42	3.3346	492.3	497.43	501.8	3.4415	-1.624	-0.5496	0.75	0.66947
50	493.05	497.89	501.42	2.6697	491.93	497.06	501.3	2.9216	-2.998	-0.8281	1.743	1.4602
100	495.56	499.22	503.19	2.4029	489.18	497.5	503.42	4.4626	-7.385	-1.7212	4.366	4.0231

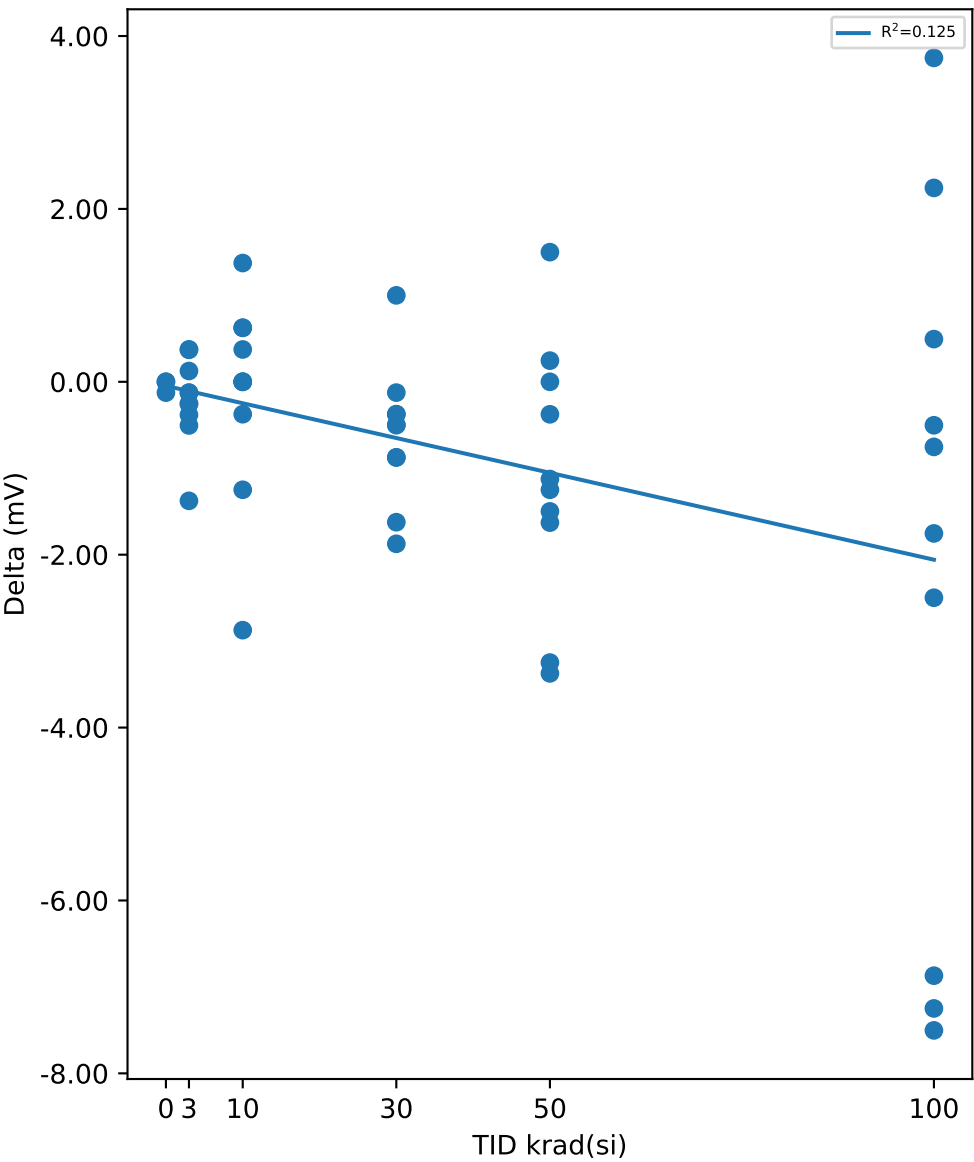
TID vs Result Stats



Test Results (Lower Limit = 580.0, Upper Limit = 618.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	597.12	597.12	0
301	0	Correlation	594.49	594.49	0
302	0	Correlation	599.36	599.24	-0.125
303	3	Bias	604.99	604.74	-0.258
304	3	Bias	602.24	601.74	-0.505
305	3	Bias	604.24	603.86	-0.382
306	3	Bias	600.49	600.36	-0.128
307	3	Bias	600.49	599.11	-1.377
308	3	Unbiased	602.37	602.74	0.37
309	3	Unbiased	597.99	597.87	-0.125
310	3	Unbiased	596.99	597.12	0.125
311	3	Unbiased	600.24	599.99	-0.25
312	3	Unbiased	600.74	601.11	0.375
313	10	Bias	602.86	602.86	0
314	10	Bias	601.36	601.74	0.374
315	10	Bias	594.74	594.37	-0.375
316	10	Bias	600.86	597.99	-2.873
317	10	Bias	600.36	599.11	-1.249
318	10	Unbiased	598.36	598.99	0.625
319	10	Unbiased	603.61	604.24	0.625
320	10	Unbiased	599.86	599.86	0
321	10	Unbiased	599.86	599.86	0
322	10	Unbiased	595.24	596.62	1.374
323	30	Bias	604.99	603.11	-1.874
324	30	Bias	595.37	594.49	-0.874
325	30	Bias	597.74	596.87	-0.875
326	30	Bias	595.87	594.24	-1.624
327	30	Bias	598.61	598.24	-0.375
328	30	Unbiased	601.74	602.74	1
329	30	Unbiased	602.49	602.11	-0.375
330	30	Unbiased	600.74	600.61	-0.125
331	30	Unbiased	602.24	601.74	-0.5
332	30	Unbiased	597.37	596.87	-0.5
333	50	Bias	597.37	596.12	-1.249
334	50	Bias	599.36	598.24	-1.125
335	50	Bias	594.37	592.87	-1.499
336	50	Bias	599.74	596.37	-3.373
337	50	Bias	601.86	598.61	-3.248
338	50	Unbiased	603.24	603.24	0
339	50	Unbiased	601.99	600.36	-1.629
340	50	Unbiased	599.24	598.86	-0.376
341	50	Unbiased	602.12	602.36	0.245
342	50	Unbiased	597.61	599.11	1.5
343	100	Bias	597.74	590.87	-6.87
344	100	Bias	598.24	595.74	-2.498
345	100	Bias	601.74	594.49	-7.249
346	100	Bias	604.99	597.49	-7.503
347	100	Bias	601.99	600.24	-1.754
348	100	Unbiased	601.37	600.61	-0.753
349	100	Unbiased	602.49	604.74	2.243
350	100	Unbiased	598.99	602.74	3.747
351	100	Unbiased	603.37	603.86	0.494
352	100	Unbiased	600.74	600.24	-0.503

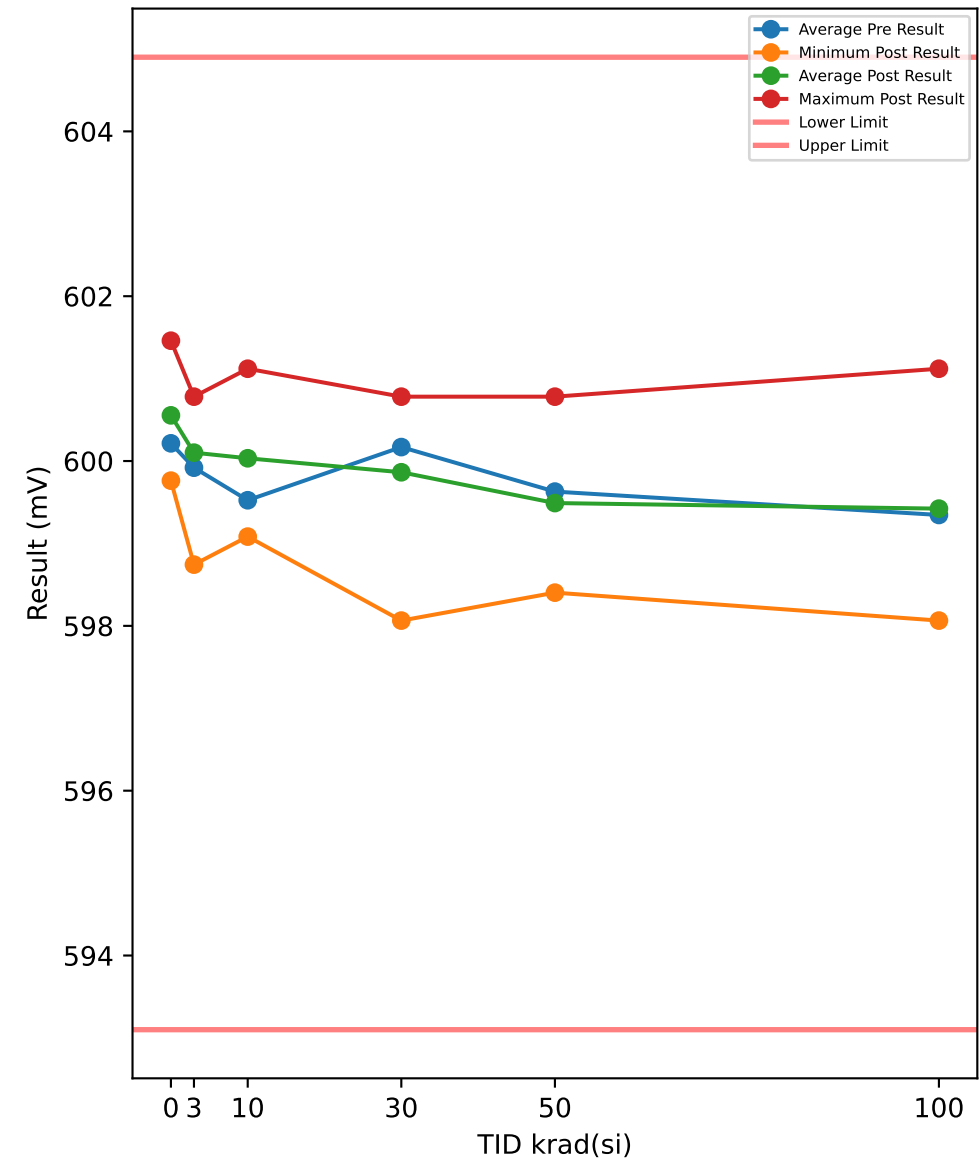
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	594.49	596.99	599.36	2.4384	594.49	596.95	599.24	2.3779	-0.125	-0.041667	0	0.072169
3	596.99	601.08	604.99	2.4971	597.12	600.86	604.74	2.4817	-1.377	-0.2155	0.375	0.50408
10	594.74	599.71	603.61	2.9088	594.37	599.56	604.24	2.9121	-2.873	-0.1499	1.374	1.1804
30	595.37	599.71	604.99	3.1853	594.24	599.1	603.11	3.3862	-1.874	-0.6122	1	0.79776
50	594.37	599.69	603.24	2.7252	592.87	598.61	603.24	3.0411	-3.373	-1.0754	1.5	1.5107
100	597.74	601.17	604.99	2.298	590.87	599.1	604.74	4.4144	-7.503	-2.0646	3.747	3.9842

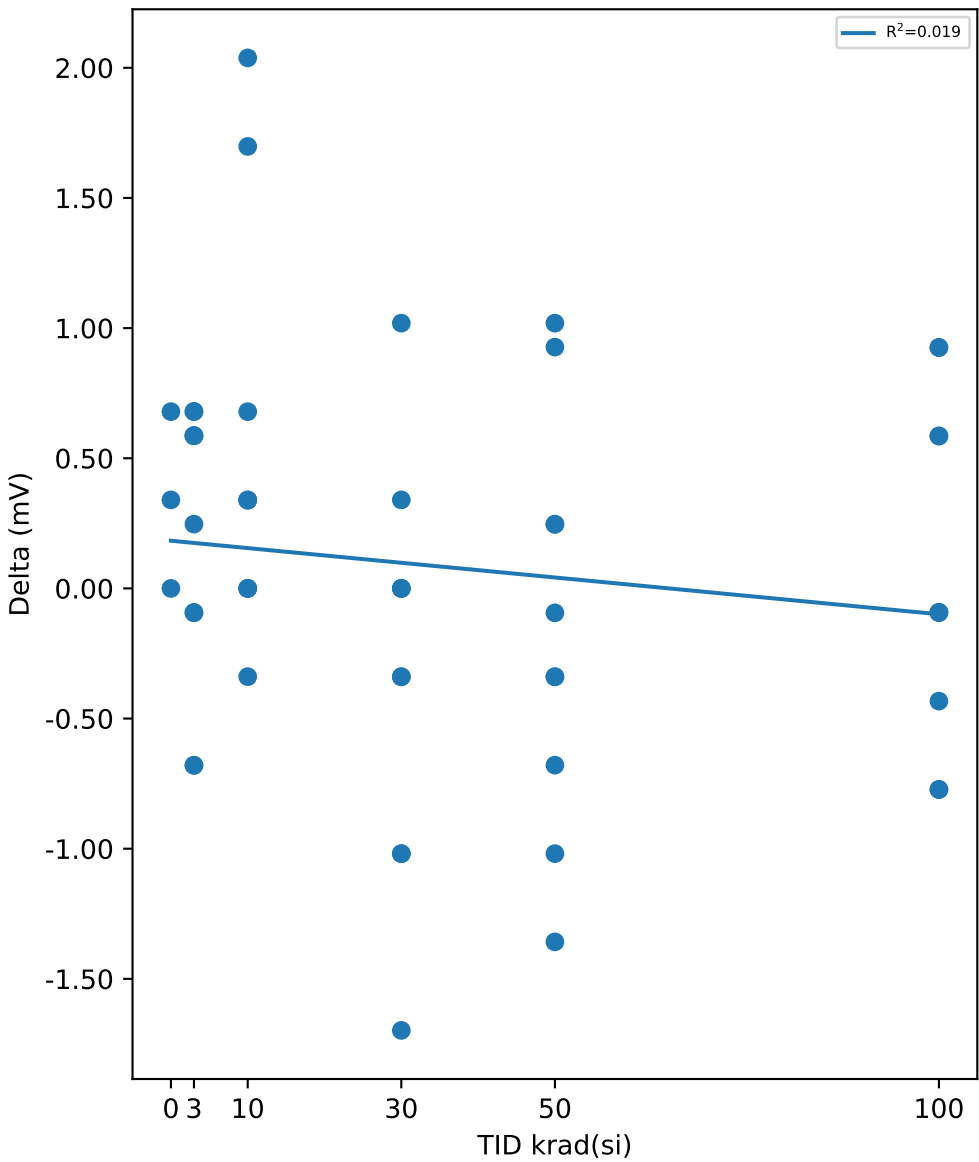
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.44	600.44	0
301	0	Correlation	600.78	601.46	0.679
302	0	Correlation	599.42	599.76	0.34
303	3	Bias	599.85	600.1	0.247
304	3	Bias	598.84	598.74	-0.094
305	3	Bias	600.19	600.78	0.587
306	3	Bias	599.85	599.76	-0.092
307	3	Bias	600.19	600.78	0.587
308	3	Unbiased	599.18	599.76	0.586
309	3	Unbiased	600.1	600.78	0.68
310	3	Unbiased	600.78	600.1	-0.68
311	3	Unbiased	600.44	599.76	-0.679
312	3	Unbiased	599.76	600.44	0.679
313	10	Bias	598.74	599.08	0.34
314	10	Bias	600.44	600.44	0
315	10	Bias	599.08	600.78	1.698
316	10	Bias	600.1	599.76	-0.339
317	10	Bias	599.08	599.42	0.339
318	10	Unbiased	600.78	601.12	0.339
319	10	Unbiased	599.42	599.42	0
320	10	Unbiased	599.76	600.44	0.679
321	10	Unbiased	598.4	600.44	2.038
322	10	Unbiased	599.42	599.42	0
323	30	Bias	600.44	599.42	-1.019
324	30	Bias	599.42	600.44	1.019
325	30	Bias	600.78	600.44	-0.34
326	30	Bias	600.1	599.76	-0.339
327	30	Bias	600.44	600.44	0
328	30	Unbiased	601.46	600.44	-1.019
329	30	Unbiased	599.42	599.42	0
330	30	Unbiased	600.44	600.78	0.34
331	30	Unbiased	599.42	599.42	0
332	30	Unbiased	599.76	598.06	-1.698
333	50	Bias	599.42	600.44	1.019
334	50	Bias	598.74	598.4	-0.34
335	50	Bias	599.42	599.08	-0.339
336	50	Bias	600.1	599.42	-0.679
337	50	Bias	600.44	599.08	-1.358
338	50	Unbiased	600.44	599.42	-1.019
339	50	Unbiased	599.18	599.42	0.246
340	50	Unbiased	600.19	600.44	0.247
341	50	Unbiased	598.5	598.4	-0.094
342	50	Unbiased	599.85	600.78	0.927
343	100	Bias	599.85	599.76	-0.092
344	100	Bias	598.16	599.08	0.925
345	100	Bias	600.19	599.42	-0.772
346	100	Bias	599.18	598.74	-0.433
347	100	Bias	600.19	601.12	0.926
348	100	Unbiased	598.84	599.42	0.585
349	100	Unbiased	598.84	598.06	-0.773
350	100	Unbiased	599.85	599.76	-0.092
351	100	Unbiased	599.18	599.08	-0.093
352	100	Unbiased	599.18	599.76	0.586

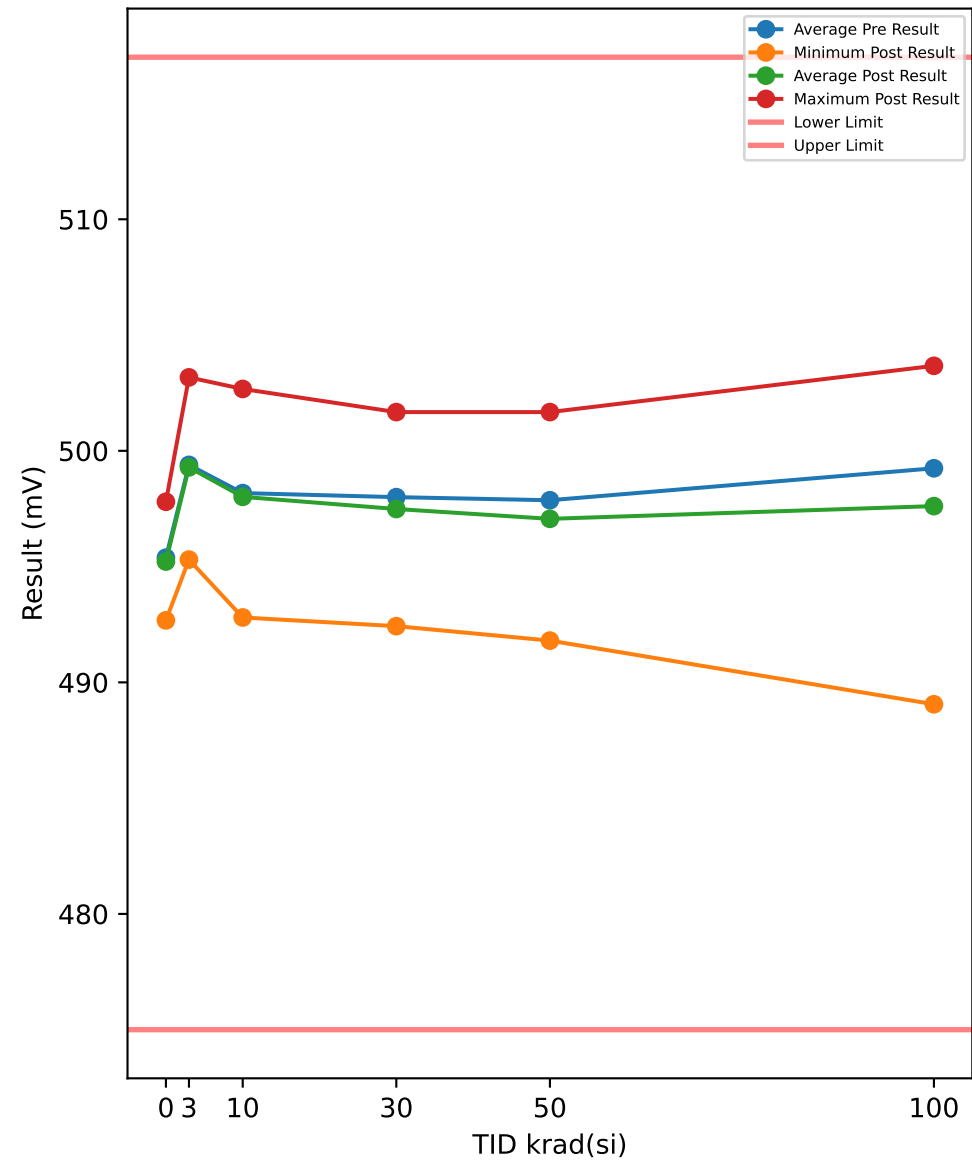
TID vs Post - Pre Exposure Delta



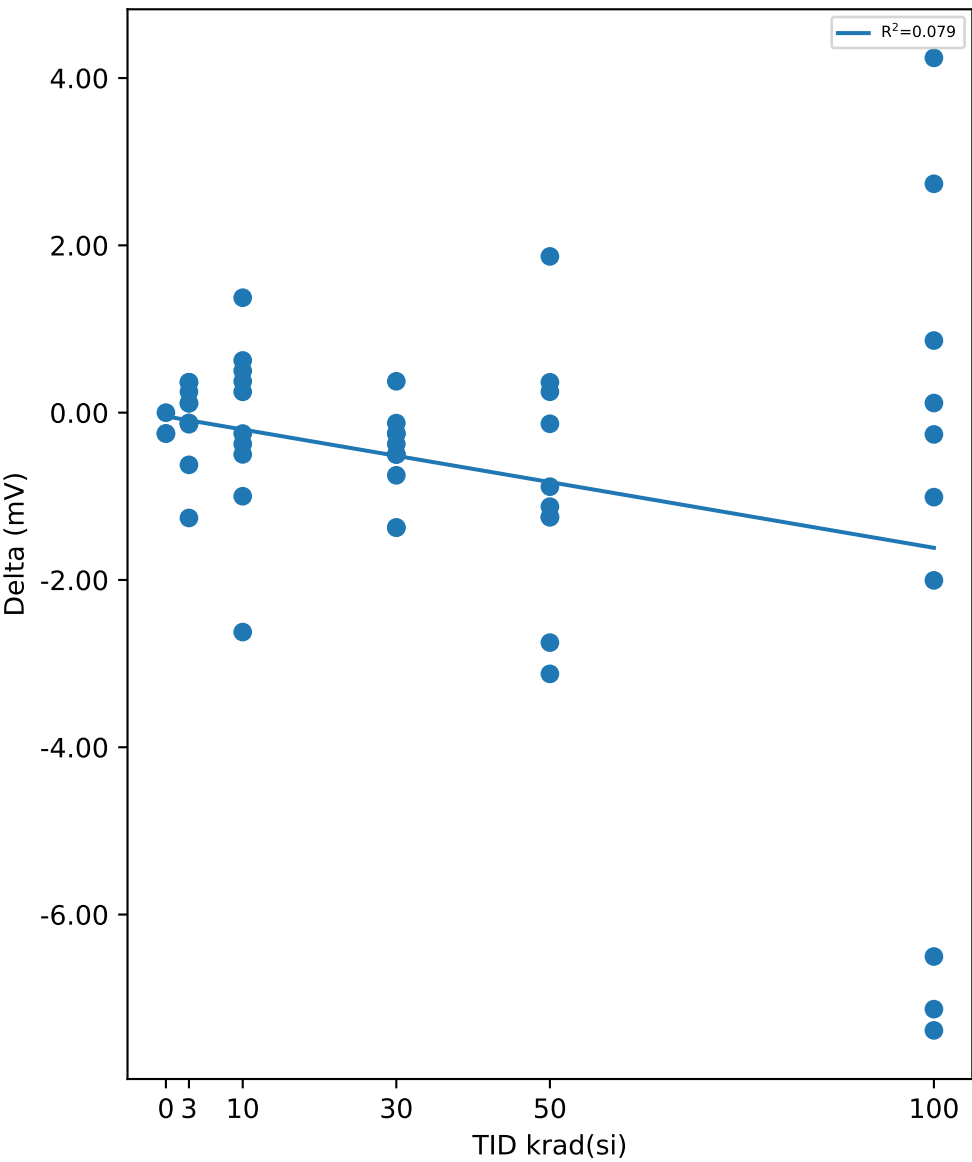
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.42	600.21	600.78	0.70721	599.76	600.55	601.46	0.85465	0	0.33967	0.679	0.3395
3	598.84	599.92	600.78	0.57308	598.74	600.1	600.78	0.64046	-0.68	0.1821	0.68	0.54018
10	598.4	599.52	600.78	0.7518	599.08	600.03	601.12	0.69413	-0.339	0.5094	2.038	0.77195
30	599.42	600.17	601.46	0.67556	598.06	599.86	600.78	0.81712	-1.698	-0.3056	1.019	0.77535
50	598.5	599.63	600.44	0.68869	598.4	599.49	600.78	0.82891	-1.358	-0.139	1.019	0.77524
100	598.16	599.35	600.19	0.66421	598.06	599.42	601.12	0.80035	-0.773	0.0767	0.926	0.64519

TID vs Result Stats



TID vs Post - Pre Exposure Delta



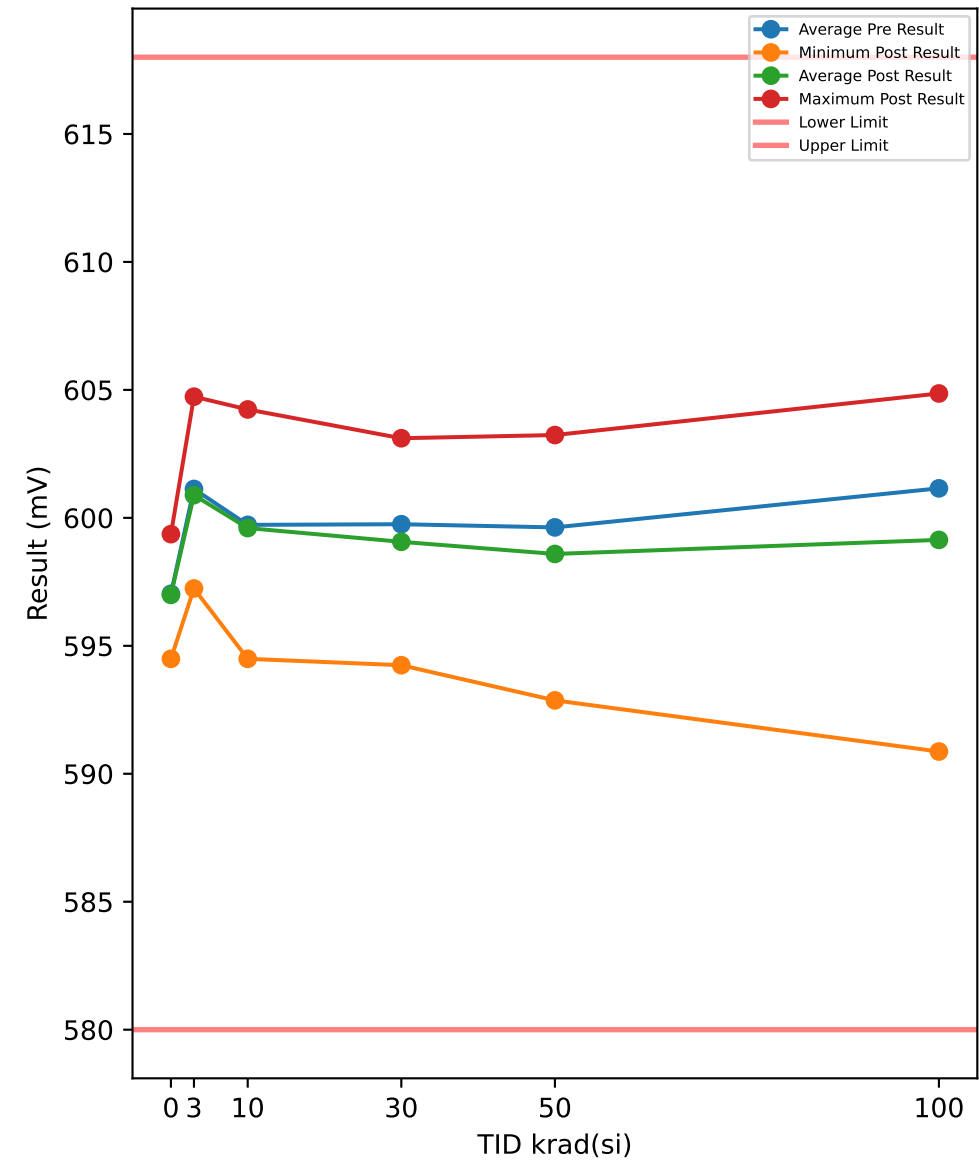
Test Results (Lower Limit = 475.0, Upper Limit = 517.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	495.43	495.18	-0.249
301	0	Correlation	492.68	492.68	0
302	0	Correlation	498.05	497.8	-0.25
303	3	Bias	503.31	503.17	-0.139
304	3	Bias	500.31	500.67	0.364
305	3	Bias	502.56	502.67	0.111
306	3	Bias	498.81	498.92	0.115
307	3	Bias	498.81	497.55	-1.259
308	3	Unbiased	500.56	500.92	0.363
309	3	Unbiased	496.18	496.05	-0.125
310	3	Unbiased	495.43	495.3	-0.124
311	3	Unbiased	498.8	498.18	-0.624
312	3	Unbiased	499.17	499.42	0.25
313	10	Bias	501.67	501.42	-0.25
314	10	Bias	499.8	500.17	0.375
315	10	Bias	493.18	492.8	-0.375
316	10	Bias	499.17	496.55	-2.623
317	10	Bias	498.67	497.68	-0.999
318	10	Unbiased	496.43	497.05	0.624
319	10	Unbiased	502.17	502.67	0.5
320	10	Unbiased	498.55	498.8	0.249
321	10	Unbiased	498.67	498.18	-0.499
322	10	Unbiased	493.43	494.8	1.374
323	30	Bias	503.05	501.67	-1.374
324	30	Bias	493.3	492.8	-0.5
325	30	Bias	496.05	495.3	-0.749
326	30	Bias	493.8	492.43	-1.374
327	30	Bias	497.05	496.8	-0.249
328	30	Unbiased	499.8	500.17	0.375
329	30	Unbiased	501.05	500.67	-0.375
330	30	Unbiased	498.92	498.8	-0.125
331	30	Unbiased	501.05	500.55	-0.5
332	30	Unbiased	495.93	495.68	-0.25
333	50	Bias	495.55	494.43	-1.124
334	50	Bias	498.05	496.8	-1.249
335	50	Bias	493.05	491.8	-1.249
336	50	Bias	497.8	494.68	-3.123
337	50	Bias	500.05	497.3	-2.749
338	50	Unbiased	501.42	501.67	0.25
339	50	Unbiased	499.56	498.67	-0.885
340	50	Unbiased	497.31	497.18	-0.133
341	50	Unbiased	500.56	500.92	0.363
342	50	Unbiased	495.31	497.18	1.868
343	100	Bias	495.56	489.06	-6.502
344	100	Bias	496.68	494.68	-2.005
345	100	Bias	499.68	492.55	-7.131
346	100	Bias	503.31	495.93	-7.385
347	100	Bias	499.68	498.67	-1.01
348	100	Unbiased	499.56	499.3	-0.26
349	100	Unbiased	500.94	503.67	2.736
350	100	Unbiased	496.68	500.92	4.241
351	100	Unbiased	501.69	502.55	0.862
352	100	Unbiased	498.68	498.8	0.115

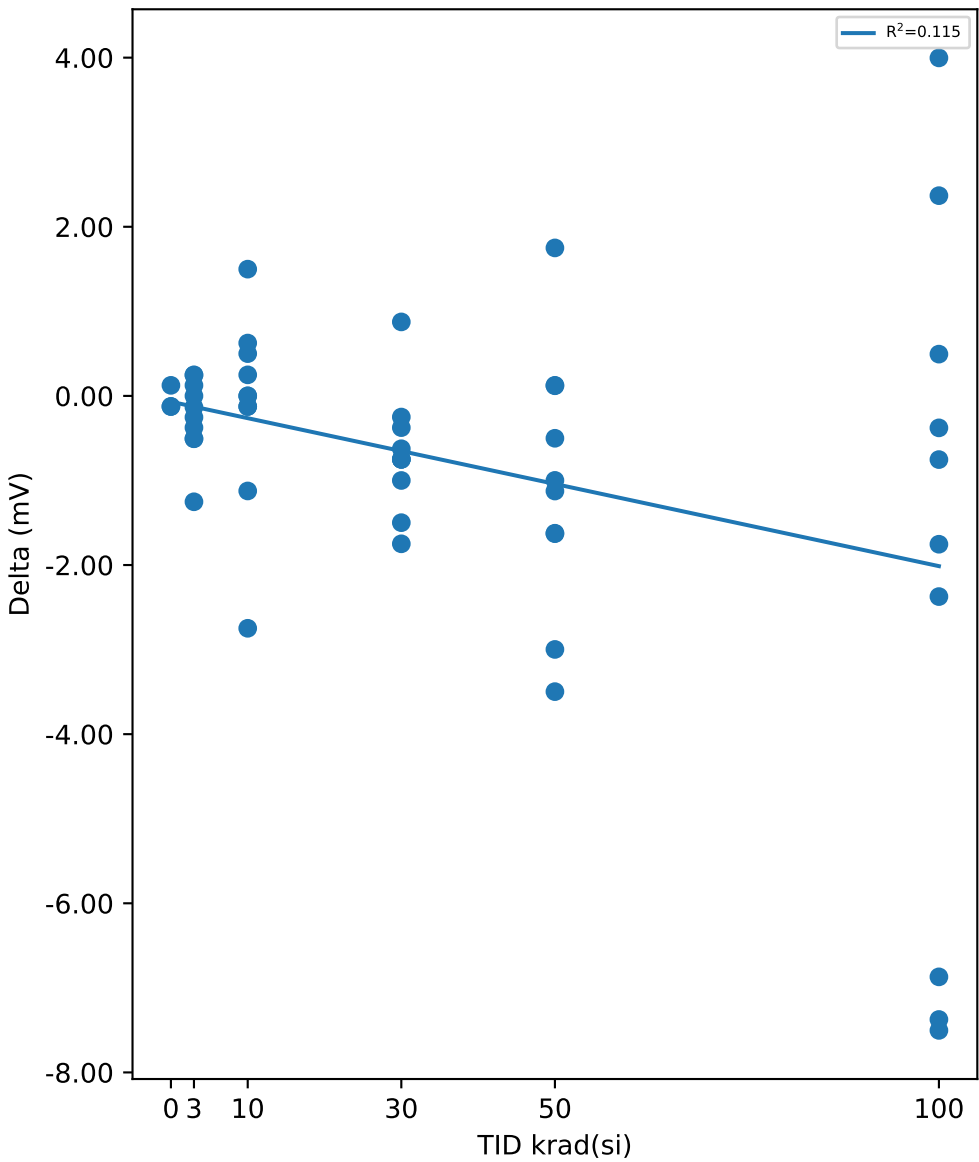
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.68	495.38	498.05	2.6862	492.68	495.22	497.8	2.5613	-0.25	-0.16633	0	0.14405
3	495.43	499.39	503.31	2.4666	495.3	499.29	503.17	2.6227	-1.259	-0.1068	0.364	0.50145
10	493.18	498.17	502.17	3.0377	492.8	498.01	502.67	2.968	-2.623	-0.1624	1.374	1.0953
30	493.3	498	503.05	3.2801	492.43	497.49	501.67	3.3672	-1.374	-0.5121	0.375	0.54116
50	493.05	497.87	501.42	2.645	491.8	497.06	501.67	2.9664	-3.123	-0.8031	1.868	1.4806
100	495.56	499.25	503.31	2.424	489.06	497.61	503.67	4.5666	-7.385	-1.6339	4.241	4.1137

TID vs Result Stats



TID vs Post - Pre Exposure Delta



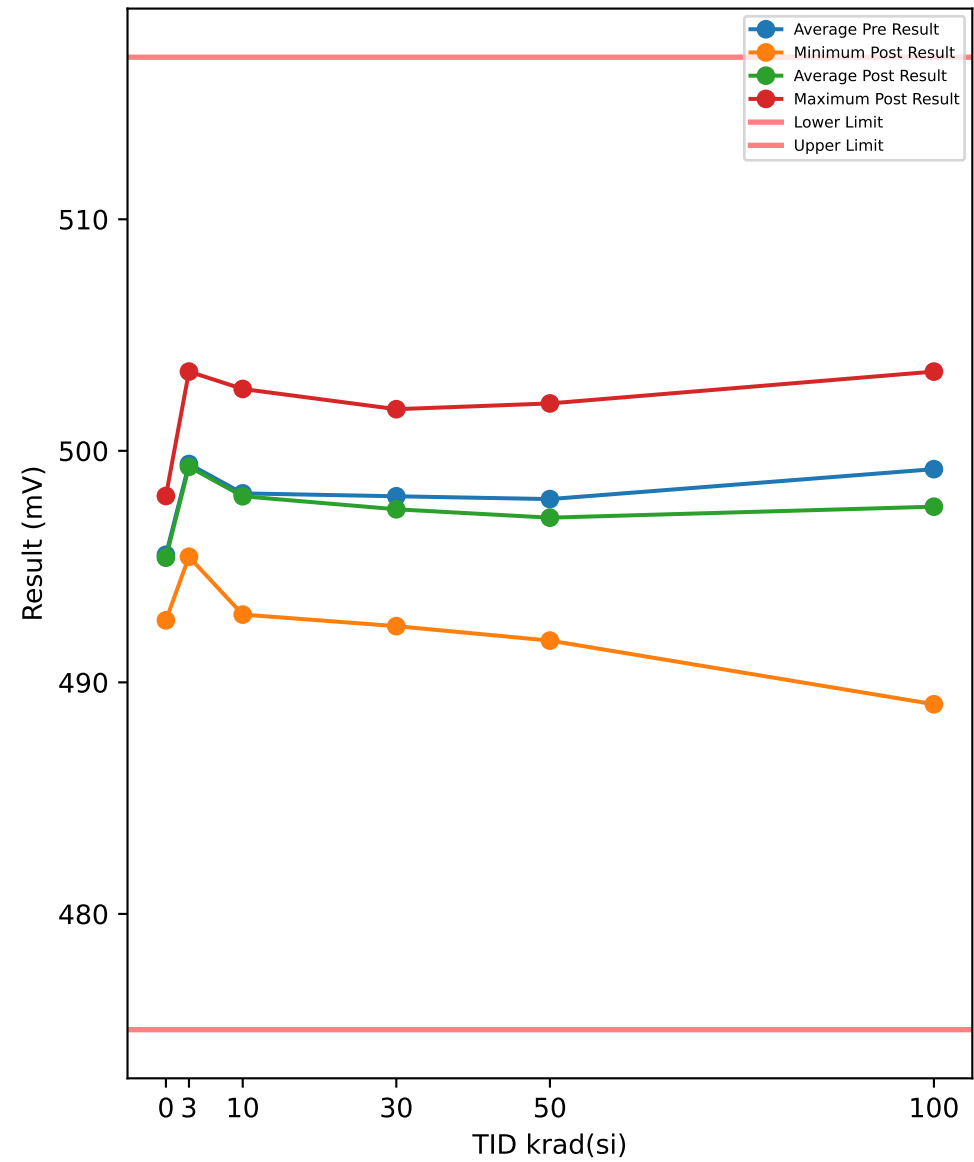
Test Results (Lower Limit = 580.0, Upper Limit = 618.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	597.24	597.12	-0.125
301	0	Correlation	594.37	594.49	0.125
302	0	Correlation	599.49	599.36	-0.125
303	3	Bias	604.87	604.74	-0.133
304	3	Bias	602.24	601.74	-0.505
305	3	Bias	604.37	603.86	-0.507
306	3	Bias	600.74	600.49	-0.253
307	3	Bias	600.49	599.24	-1.252
308	3	Unbiased	602.37	602.61	0.245
309	3	Unbiased	597.87	598.11	0.249
310	3	Unbiased	597.12	597.24	0.125
311	3	Unbiased	600.36	599.99	-0.375
312	3	Unbiased	600.86	600.86	0
313	10	Bias	602.86	602.86	0
314	10	Bias	601.36	601.61	0.249
315	10	Bias	594.62	594.49	-0.125
316	10	Bias	600.74	597.99	-2.748
317	10	Bias	600.36	599.24	-1.124
318	10	Unbiased	598.36	598.99	0.625
319	10	Unbiased	603.74	604.24	0.5
320	10	Unbiased	599.86	599.86	0
321	10	Unbiased	600.11	599.99	-0.125
322	10	Unbiased	595.24	596.74	1.499
323	30	Bias	604.86	603.11	-1.749
324	30	Bias	595.37	594.62	-0.749
325	30	Bias	597.74	596.74	-1
326	30	Bias	595.74	594.24	-1.499
327	30	Bias	598.74	598.11	-0.625
328	30	Unbiased	601.74	602.61	0.875
329	30	Unbiased	602.49	602.11	-0.375
330	30	Unbiased	600.74	600.49	-0.25
331	30	Unbiased	602.61	601.86	-0.75
332	30	Unbiased	597.49	596.74	-0.75
333	50	Bias	597.24	596.24	-0.999
334	50	Bias	599.36	598.24	-1.125
335	50	Bias	594.49	592.87	-1.624
336	50	Bias	599.86	596.37	-3.497
337	50	Bias	601.61	598.61	-2.998
338	50	Unbiased	603.11	603.24	0.125
339	50	Unbiased	601.99	600.36	-1.629
340	50	Unbiased	599.24	598.74	-0.501
341	50	Unbiased	602.12	602.24	0.12
342	50	Unbiased	597.24	598.99	1.75
343	100	Bias	597.74	590.87	-6.87
344	100	Bias	598.24	595.87	-2.373
345	100	Bias	601.87	594.49	-7.374
346	100	Bias	605.12	597.62	-7.503
347	100	Bias	602.12	600.36	-1.754
348	100	Unbiased	601.24	600.49	-0.753
349	100	Unbiased	602.49	604.86	2.368
350	100	Unbiased	598.74	602.74	3.997
351	100	Unbiased	603.24	603.74	0.494
352	100	Unbiased	600.74	600.36	-0.378

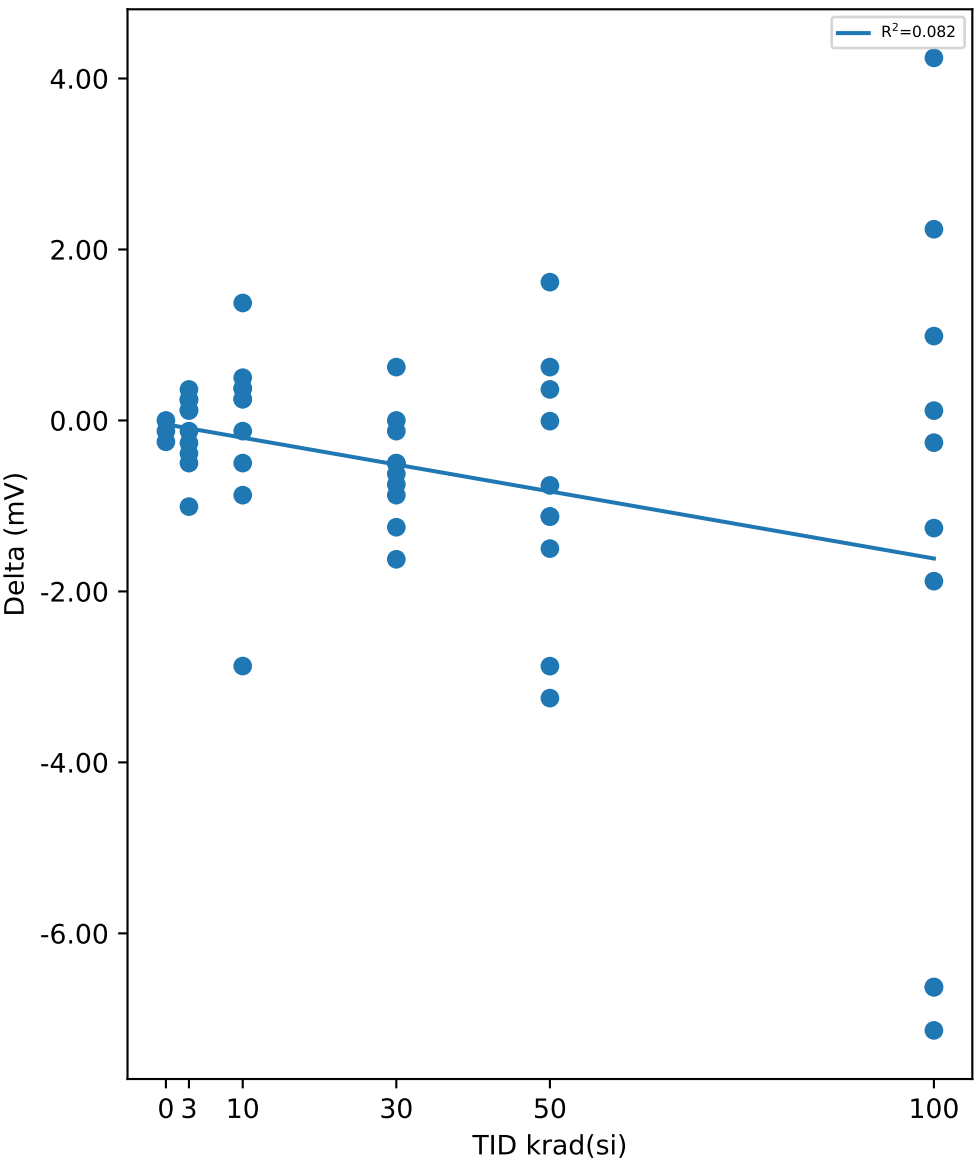
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	594.37	597.03	599.49	2.5673	594.49	596.99	599.36	2.4384	-0.125	-0.041667	0.125	0.14434
3	597.12	601.13	604.87	2.4771	597.24	600.89	604.74	2.4043	-1.252	-0.2406	0.249	0.45469
10	594.62	599.73	603.74	2.9489	594.49	599.6	604.24	2.8629	-2.748	-0.1249	1.499	1.1372
30	595.37	599.75	604.86	3.2003	594.24	599.06	603.11	3.3804	-1.749	-0.6872	0.875	0.71717
50	594.49	599.63	603.11	2.7063	592.87	598.59	603.24	3.01	-3.497	-1.0378	1.75	1.54
100	597.74	601.15	605.12	2.3443	590.87	599.14	604.86	4.4051	-7.503	-2.0146	3.997	4.0624

TID vs Result Stats



TID vs Post - Pre Exposure Delta



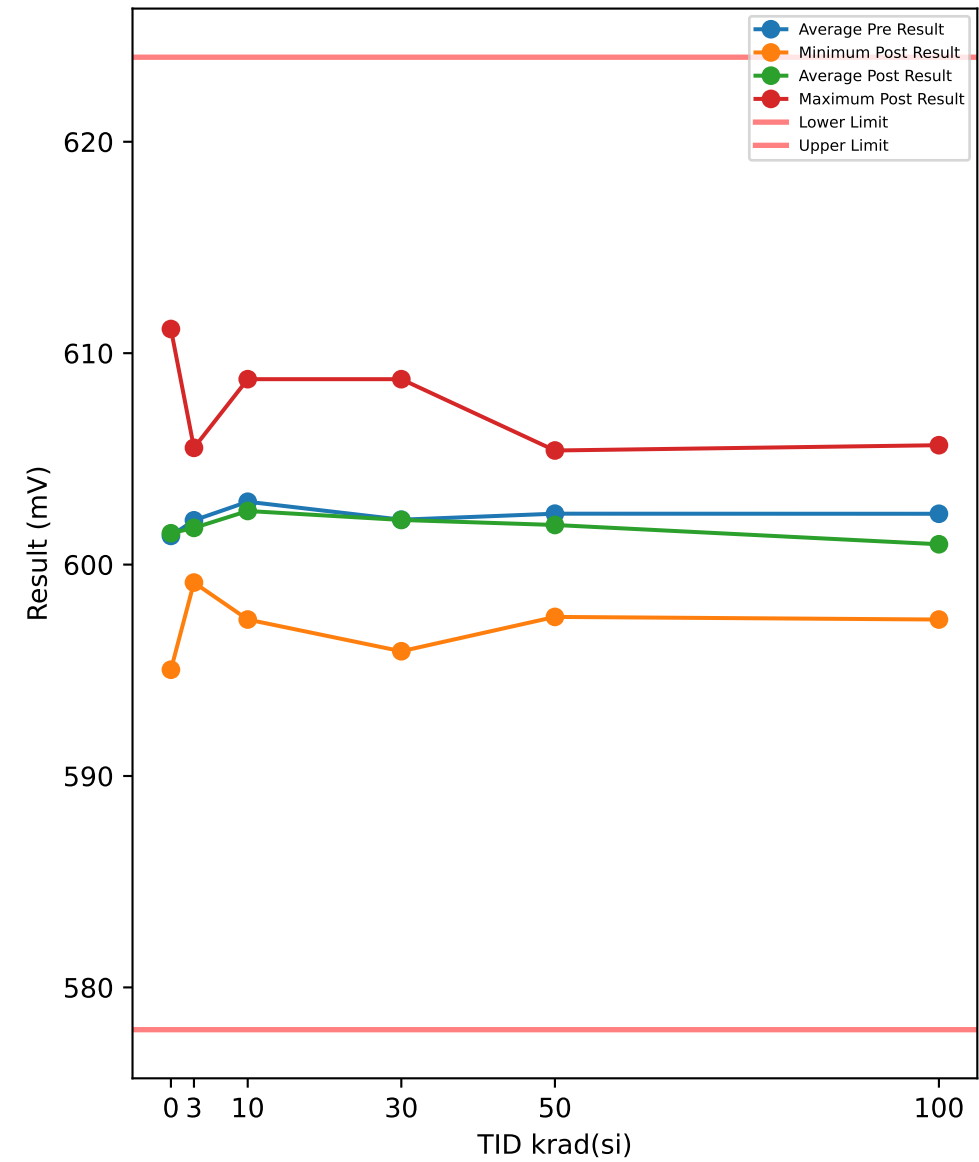
Test Results (Lower Limit = 475.0, Upper Limit = 517.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	495.68	495.43	-0.25
301	0	Correlation	492.68	492.68	0
302	0	Correlation	498.18	498.05	-0.125
303	3	Bias	503.19	503.42	0.236
304	3	Bias	500.69	500.3	-0.386
305	3	Bias	502.94	502.67	-0.264
306	3	Bias	498.81	498.92	0.115
307	3	Bias	498.56	497.55	-1.008
308	3	Unbiased	500.56	500.92	0.363
309	3	Unbiased	496.3	496.18	-0.125
310	3	Unbiased	495.3	495.43	0.124
311	3	Unbiased	498.67	498.18	-0.499
312	3	Unbiased	499.3	499.55	0.25
313	10	Bias	501.42	501.8	0.375
314	10	Bias	499.92	500.17	0.25
315	10	Bias	493.05	492.93	-0.125
316	10	Bias	499.17	496.3	-2.873
317	10	Bias	498.8	497.93	-0.874
318	10	Unbiased	496.43	496.8	0.375
319	10	Unbiased	502.17	502.67	0.5
320	10	Unbiased	498.43	498.67	0.249
321	10	Unbiased	498.8	498.3	-0.499
322	10	Unbiased	493.43	494.8	1.374
323	30	Bias	503.42	501.8	-1.624
324	30	Bias	493.43	492.93	-0.5
325	30	Bias	495.93	495.18	-0.749
326	30	Bias	493.68	492.43	-1.249
327	30	Bias	496.93	496.8	-0.125
328	30	Unbiased	499.8	500.42	0.624
329	30	Unbiased	501.17	500.67	-0.5
330	30	Unbiased	498.8	498.8	0
331	30	Unbiased	501.17	500.3	-0.874
332	30	Unbiased	496.05	495.43	-0.625
333	50	Bias	495.43	494.3	-1.124
334	50	Bias	497.93	496.8	-1.124
335	50	Bias	493.3	491.8	-1.499
336	50	Bias	498.18	494.93	-3.248
337	50	Bias	500.05	497.18	-2.874
338	50	Unbiased	501.42	502.05	0.624
339	50	Unbiased	499.56	498.8	-0.76
340	50	Unbiased	497.31	497.3	-0.008
341	50	Unbiased	500.44	500.8	0.363
342	50	Unbiased	495.56	497.18	1.618
343	100	Bias	495.68	489.06	-6.627
344	100	Bias	496.43	494.55	-1.88
345	100	Bias	499.43	492.8	-6.631
346	100	Bias	503.31	496.18	-7.135
347	100	Bias	499.68	498.43	-1.259
348	100	Unbiased	499.43	499.17	-0.26
349	100	Unbiased	501.19	503.42	2.237
350	100	Unbiased	496.68	500.92	4.241
351	100	Unbiased	501.56	502.55	0.987
352	100	Unbiased	498.68	498.8	0.115

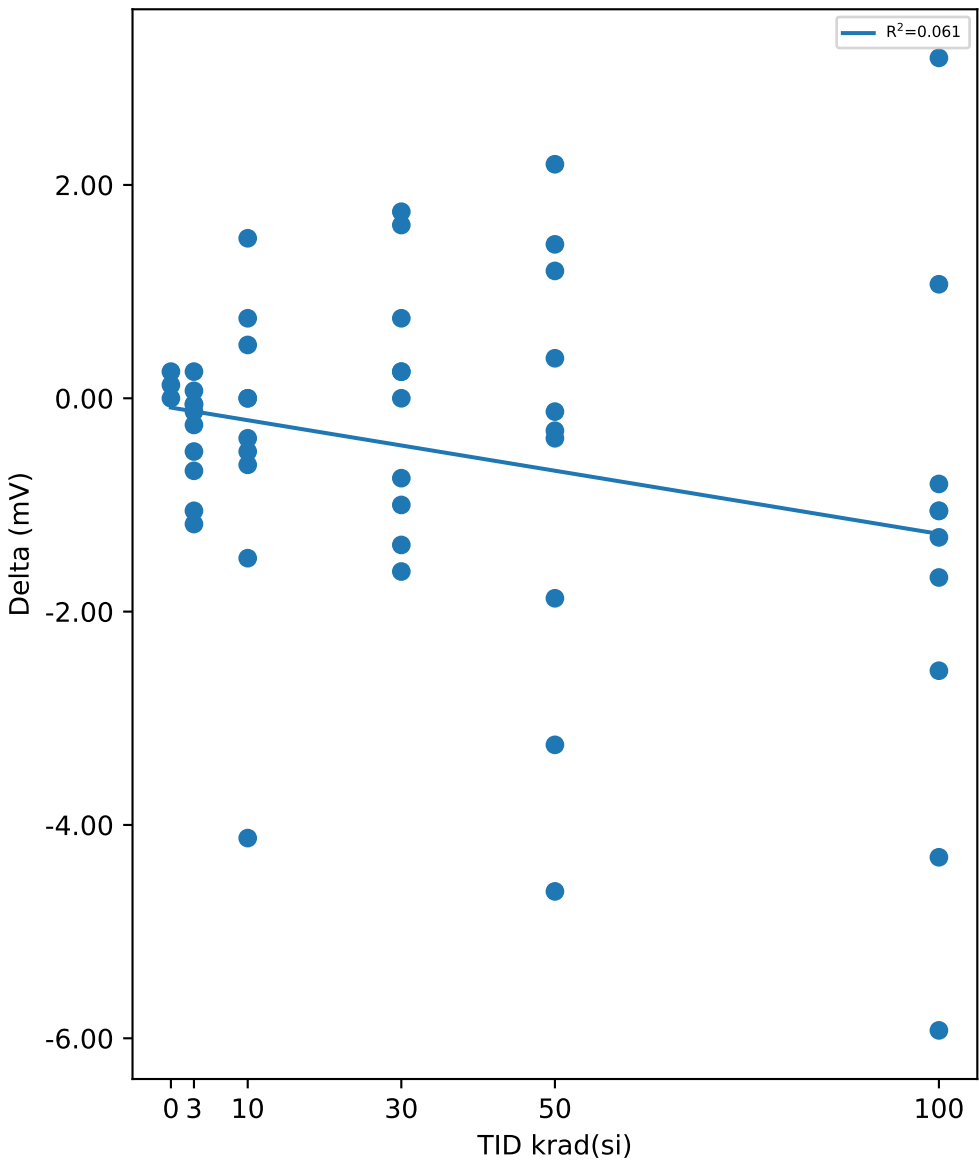
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.68	495.51	498.18	2.7523	492.68	495.38	498.05	2.6862	-0.25	-0.125	0	0.125
3	495.3	499.43	503.19	2.5346	495.43	499.31	503.42	2.6096	-1.008	-0.1194	0.363	0.42627
10	493.05	498.16	502.17	3.0414	492.93	498.04	502.67	3.0146	-2.873	-0.1248	1.374	1.1387
30	493.43	498.04	503.42	3.3705	492.43	497.48	501.8	3.3898	-1.624	-0.5622	0.624	0.63746
50	493.3	497.92	501.42	2.5685	491.8	497.11	502.05	3.0143	-3.248	-0.8032	1.618	1.522
100	495.68	499.21	503.31	2.4358	489.06	497.59	503.42	4.4889	-7.135	-1.6212	4.241	3.9676

TID vs Result Stats



TID vs Post - Pre Exposure Delta



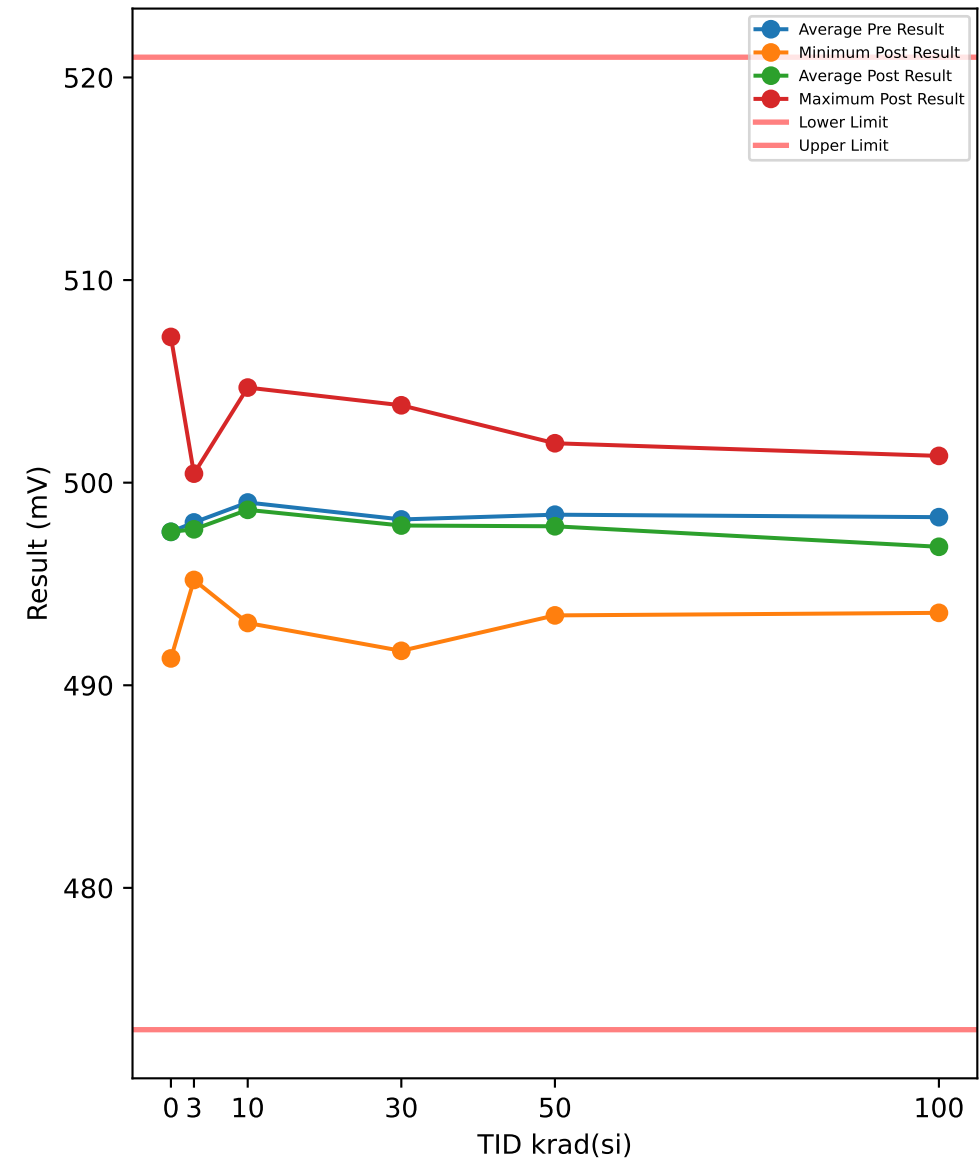
Test Results (Lower Limit = 578.0, Upper Limit = 624.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	595.03	595.03	0
301	0	Correlation	598.02	598.27	0.25
302	0	Correlation	611.02	611.14	0.125
303	3	Bias	602.45	602.52	0.07
304	3	Bias	603.33	602.65	-0.68
305	3	Bias	599.83	599.77	-0.057
306	3	Bias	601.58	600.52	-1.055
307	3	Bias	605.2	604.02	-1.179
308	3	Unbiased	600.83	600.77	-0.056
309	3	Unbiased	601.77	601.65	-0.125
310	3	Unbiased	601.02	600.77	-0.25
311	3	Unbiased	599.65	599.15	-0.499
312	3	Unbiased	605.27	605.52	0.25
313	10	Bias	604.65	604.27	-0.375
314	10	Bias	606.77	606.77	0
315	10	Bias	600.77	601.52	0.75
316	10	Bias	603.15	599.02	-4.123
317	10	Bias	604.27	603.77	-0.499
318	10	Unbiased	603.4	603.4	0
319	10	Unbiased	601.9	601.27	-0.624
320	10	Unbiased	598.9	597.4	-1.499
321	10	Unbiased	597.65	599.15	1.5
322	10	Unbiased	608.27	608.77	0.5
323	30	Bias	605.65	604.27	-1.375
324	30	Bias	600.52	600.77	0.25
325	30	Bias	607.15	605.52	-1.624
326	30	Bias	596.9	595.9	-1
327	30	Bias	604.9	604.9	0
328	30	Unbiased	597.4	597.65	0.249
329	30	Unbiased	598.02	597.28	-0.749
330	30	Unbiased	607.02	608.77	1.749
331	30	Unbiased	604.27	605.02	0.75
332	30	Unbiased	599.4	601.02	1.624
333	50	Bias	603.77	600.52	-3.249
334	50	Bias	605.02	604.9	-0.125
335	50	Bias	599.4	597.52	-1.875
336	50	Bias	603.02	598.4	-4.623
337	50	Bias	601.65	601.27	-0.375
338	50	Unbiased	600.52	600.9	0.375
339	50	Unbiased	601.83	603.02	1.194
340	50	Unbiased	600.71	602.15	1.443
341	50	Unbiased	605.7	605.4	-0.304
342	50	Unbiased	602.45	604.65	2.194
343	100	Bias	601.45	600.4	-1.055
344	100	Bias	603.83	602.52	-1.304
345	100	Bias	607.2	601.27	-5.926
346	100	Bias	599.08	597.4	-1.68
347	100	Bias	603.58	599.27	-4.303
348	100	Unbiased	597.08	600.27	3.191
349	100	Unbiased	603.2	600.65	-2.554
350	100	Unbiased	602.33	603.4	1.069
351	100	Unbiased	599.83	598.77	-1.056
352	100	Unbiased	606.45	605.65	-0.803

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	595.03	601.36	611.02	8.5007	595.03	601.48	611.14	8.5237	0	0.125	0.25	0.125
3	599.65	602.09	605.27	1.9893	599.15	601.74	605.52	1.9685	-1.179	-0.3581	0.25	0.4812
10	597.65	602.97	608.27	3.3015	597.4	602.54	608.77	3.5725	-4.123	-0.437	1.5	1.534
30	596.9	602.12	607.15	4.0864	595.9	602.11	608.77	4.2386	-1.624	-0.0126	1.749	1.1771
50	599.4	602.41	605.7	2.0091	597.52	601.87	605.4	2.6823	-4.623	-0.5345	2.194	2.1421
100	597.08	602.4	607.2	3.1675	597.4	600.96	605.65	2.3948	-5.926	-1.4421	3.191	2.5404

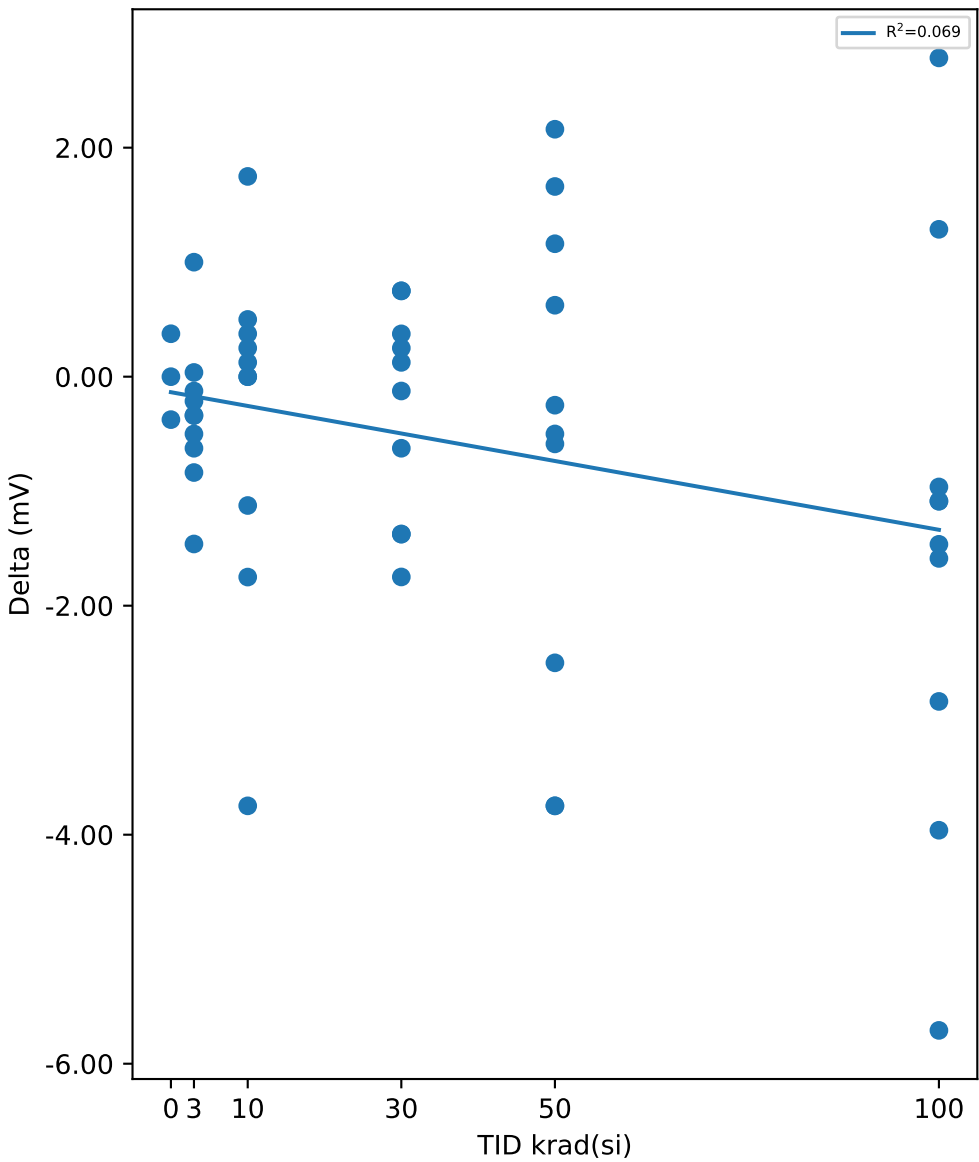
TID vs Result Stats



Test Results (Lower Limit = 473.0, Upper Limit = 521.0 (mV))

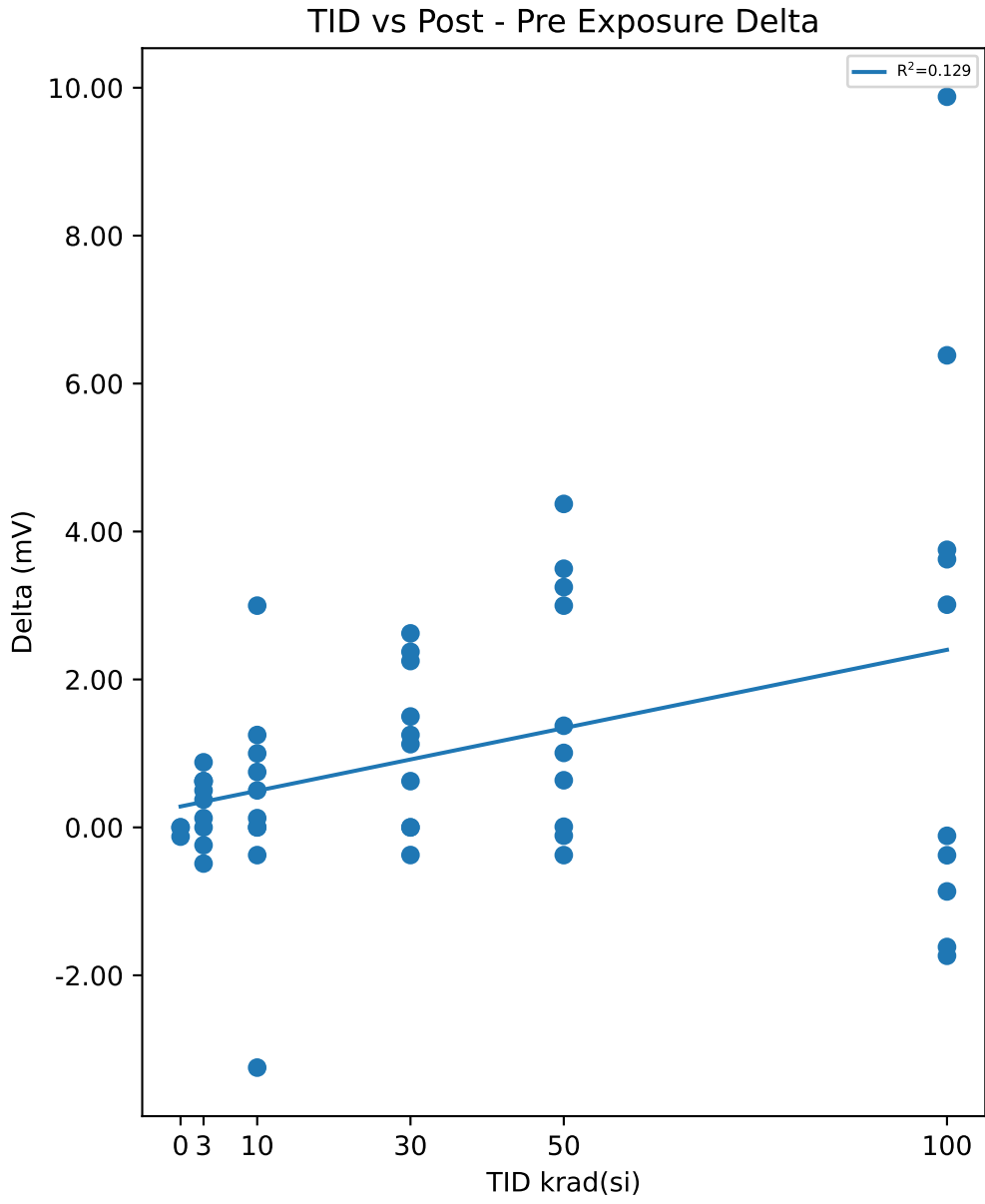
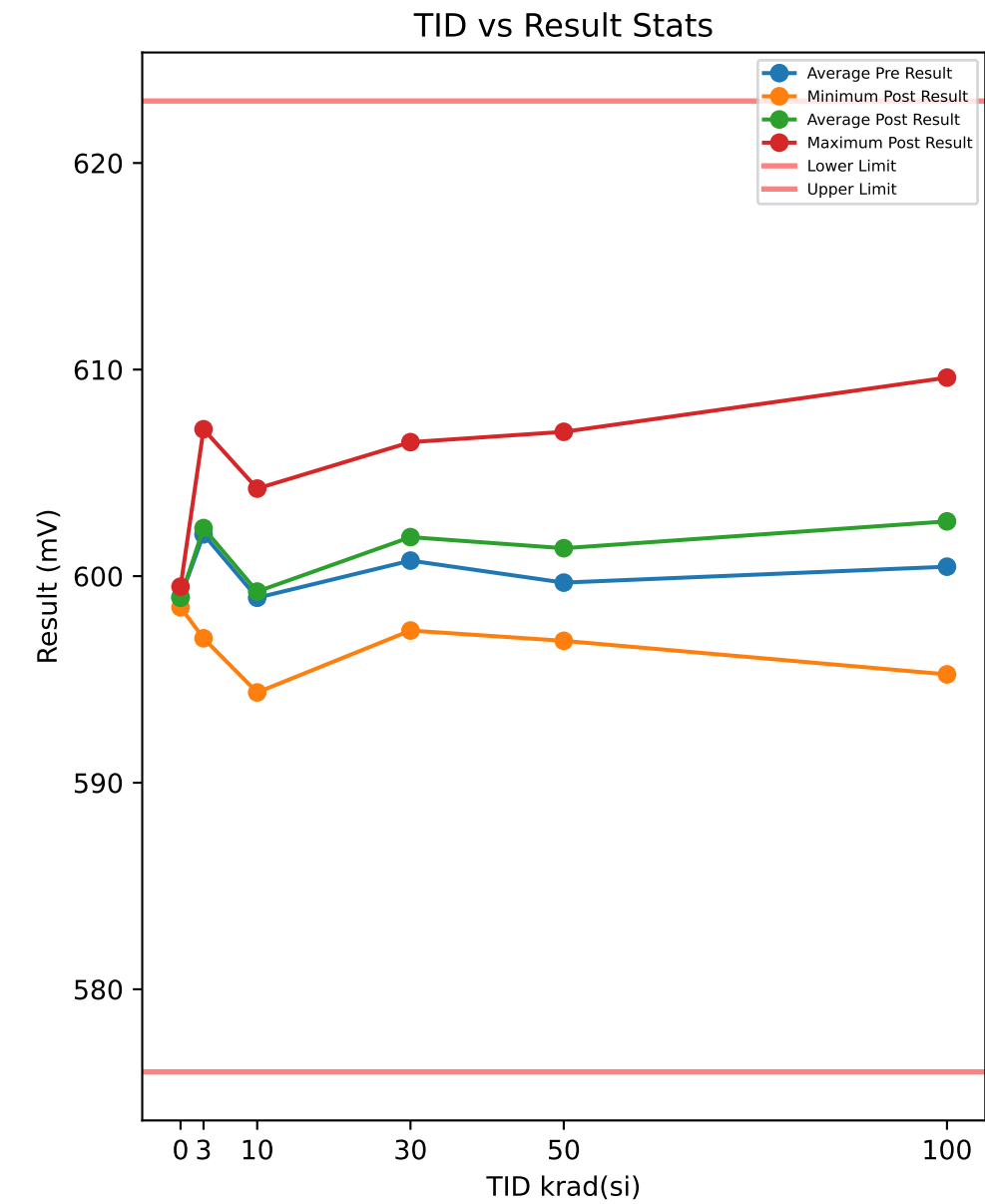
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	490.95	491.32	0.375
301	0	Correlation	494.2	494.2	0
302	0	Correlation	507.57	507.19	-0.375
303	3	Bias	498.41	498.07	-0.338
304	3	Bias	499.16	498.32	-0.837
305	3	Bias	496.29	495.95	-0.339
306	3	Bias	497.41	497.2	-0.214
307	3	Bias	501.66	500.2	-1.461
308	3	Unbiased	497.04	497.07	0.037
309	3	Unbiased	497.2	498.2	1
310	3	Unbiased	496.45	496.32	-0.125
311	3	Unbiased	495.7	495.2	-0.5
312	3	Unbiased	501.07	500.45	-0.625
313	10	Bias	500.95	500.95	0
314	10	Bias	503.07	501.94	-1.125
315	10	Bias	497.2	497.57	0.375
316	10	Bias	498.45	494.7	-3.748
317	10	Bias	500.57	500.7	0.125
318	10	Unbiased	499.57	500.07	0.5
319	10	Unbiased	497.7	497.7	0
320	10	Unbiased	494.82	493.07	-1.75
321	10	Unbiased	493.45	495.2	1.749
322	10	Unbiased	504.44	504.69	0.25
323	30	Bias	501.2	500.57	-0.625
324	30	Bias	496.07	496.32	0.25
325	30	Bias	503.44	502.07	-1.374
326	30	Bias	493.45	491.7	-1.749
327	30	Bias	500.82	500.95	0.125
328	30	Unbiased	492.7	493.07	0.374
329	30	Unbiased	494.82	493.45	-1.375
330	30	Unbiased	503.07	503.82	0.749
331	30	Unbiased	500.7	500.57	-0.125
332	30	Unbiased	495.57	496.32	0.75
333	50	Bias	499.7	495.95	-3.748
334	50	Bias	501.32	501.94	0.624
335	50	Bias	495.95	493.45	-2.499
336	50	Bias	498.45	494.7	-3.748
337	50	Bias	497.2	496.95	-0.249
338	50	Unbiased	496.82	496.32	-0.5
339	50	Unbiased	497.79	498.95	1.161
340	50	Unbiased	496.66	498.32	1.661
341	50	Unbiased	502.03	501.44	-0.587
342	50	Unbiased	498.29	500.45	2.161
343	100	Bias	497.41	496.32	-1.088
344	100	Bias	500.03	498.45	-1.587
345	100	Bias	502.53	496.82	-5.709
346	100	Bias	495.04	493.57	-1.464
347	100	Bias	499.16	495.2	-3.961
348	100	Unbiased	493.04	495.82	2.784
349	100	Unbiased	499.66	496.82	-2.836
350	100	Unbiased	497.91	499.2	1.287
351	100	Unbiased	495.79	494.82	-0.963
352	100	Unbiased	502.41	501.32	-1.086

TID vs Post - Pre Exposure Delta



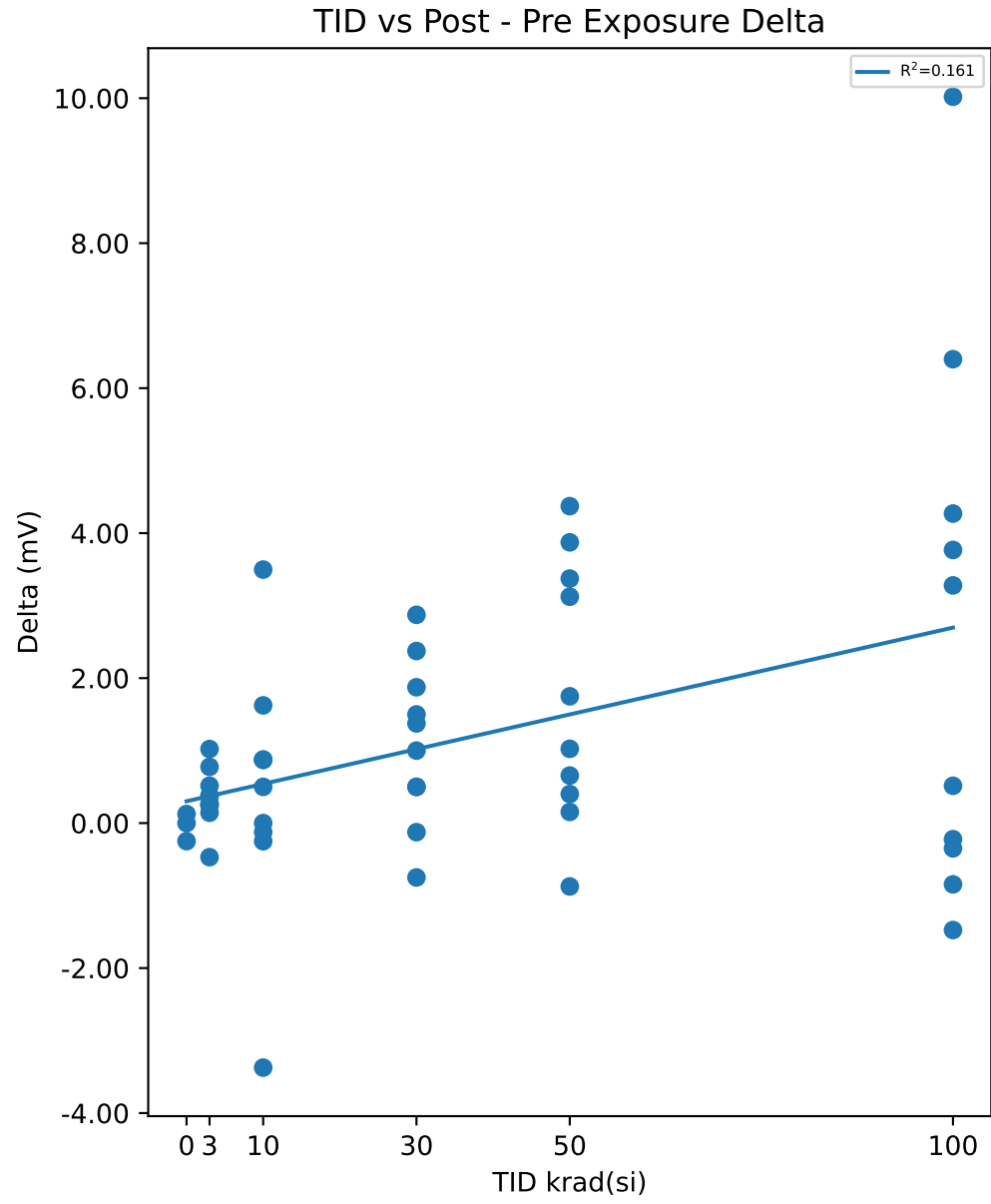
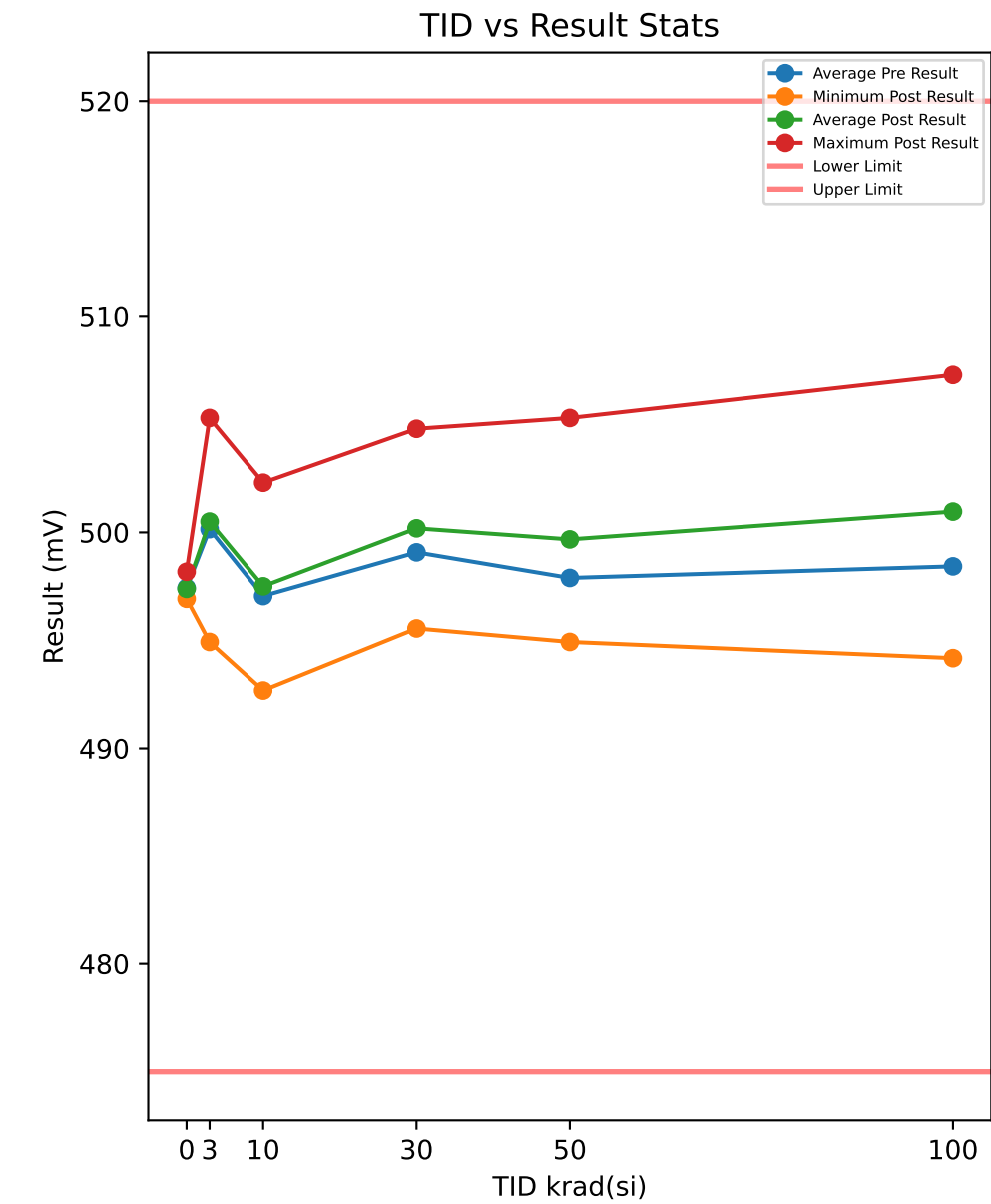
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	490.95	497.57	507.57	8.8076	491.32	497.57	507.19	8.4548	-0.375	0	0.375	0.375
3	495.7	498.04	501.66	2.0239	495.2	497.7	500.45	1.7132	-1.461	-0.3402	1	0.63336
10	493.45	499.02	504.44	3.4365	493.07	498.66	504.69	3.6447	-3.748	-0.3624	1.749	1.5125
30	492.7	498.18	503.44	4.068	491.7	497.88	503.82	4.249	-1.749	-0.3	0.75	0.92408
50	495.95	498.42	502.03	2.0211	493.45	497.85	501.94	2.8659	-3.748	-0.5724	2.161	2.1314
100	493.04	498.3	502.53	3.0902	493.57	496.84	501.32	2.2839	-5.709	-1.4623	2.784	2.4107



Test Results (Lower Limit = 576.0, Upper Limit = 623.0 (mV))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.49	599.49	0
301	0	Correlation	598.99	598.87	-0.125
302	0	Correlation	598.49	598.49	0
303	3	Bias	601.86	602.74	0.88
304	3	Bias	606.49	607.11	0.623
305	3	Bias	605.36	605.99	0.625
306	3	Bias	597.48	596.99	-0.489
307	3	Bias	599.73	599.49	-0.241
308	3	Unbiased	605.36	605.49	0.125
309	3	Unbiased	602.74	603.24	0.5
310	3	Unbiased	599.99	600.62	0.624
311	3	Unbiased	598.99	598.99	0
312	3	Unbiased	602.24	602.61	0.375
313	10	Bias	600.62	601.62	1
314	10	Bias	593.62	594.37	0.749
315	10	Bias	596.87	598.12	1.249
316	10	Bias	604.24	604.24	0
317	10	Bias	596.24	596.37	0.125
318	10	Unbiased	601.62	601.24	-0.375
319	10	Unbiased	601.74	601.74	0
320	10	Unbiased	597.49	600.49	2.998
321	10	Unbiased	600.12	596.87	-3.248
322	10	Unbiased	596.99	597.49	0.5
323	30	Bias	603.24	604.74	1.499
324	30	Bias	602.61	603.24	0.625
325	30	Bias	599.37	601.74	2.374
326	30	Bias	596.87	599.49	2.623
327	30	Bias	604.24	606.49	2.249
328	30	Unbiased	597.37	597.37	0
329	30	Unbiased	603.74	603.74	0
330	30	Unbiased	602.24	601.87	-0.374
331	30	Unbiased	597.37	598.49	1.125
332	30	Unbiased	600.49	601.74	1.25
333	50	Bias	603.74	606.99	3.248
334	50	Bias	597.37	601.74	4.373
335	50	Bias	600.12	603.61	3.497
336	50	Bias	598.12	601.12	2.998
337	50	Bias	601.74	603.11	1.374
338	50	Unbiased	602.61	602.24	-0.375
339	50	Unbiased	596.36	596.99	0.637
340	50	Unbiased	600.23	601.24	1.007
341	50	Unbiased	596.98	596.87	-0.112
342	50	Unbiased	599.61	599.62	0.009
343	100	Bias	596.48	599.49	3.011
344	100	Bias	598.48	604.86	6.382
345	100	Bias	602.23	605.99	3.753
346	100	Bias	603.86	607.49	3.625
347	100	Bias	599.73	609.61	9.878
348	100	Unbiased	607.24	606.86	-0.377
349	100	Unbiased	596.98	595.24	-1.736
350	100	Unbiased	599.86	598.99	-0.866
351	100	Unbiased	601.11	599.49	-1.617
352	100	Unbiased	598.61	598.49	-0.114

Test Statistics (mV)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.49	598.99	599.49	0.4995	598.49	598.95	599.49	0.50473	-0.125	-0.041667	0	0.072169
3	597.48	602.02	606.49	3.0188	596.99	602.33	607.11	3.2984	-0.489	0.3022	0.88	0.43878
10	593.62	598.95	604.24	3.2148	594.37	599.25	604.24	3.0614	-3.248	0.2998	2.998	1.5694
30	596.87	600.75	604.24	2.8465	597.37	601.89	606.49	2.834	-0.374	1.1371	2.623	1.0672
50	596.36	599.69	603.74	2.4935	596.87	601.35	606.99	3.0385	-0.375	1.6656	4.373	1.7194
100	596.48	600.46	607.24	3.2876	595.24	602.65	609.61	4.8428	-1.736	2.1939	9.878	3.8442

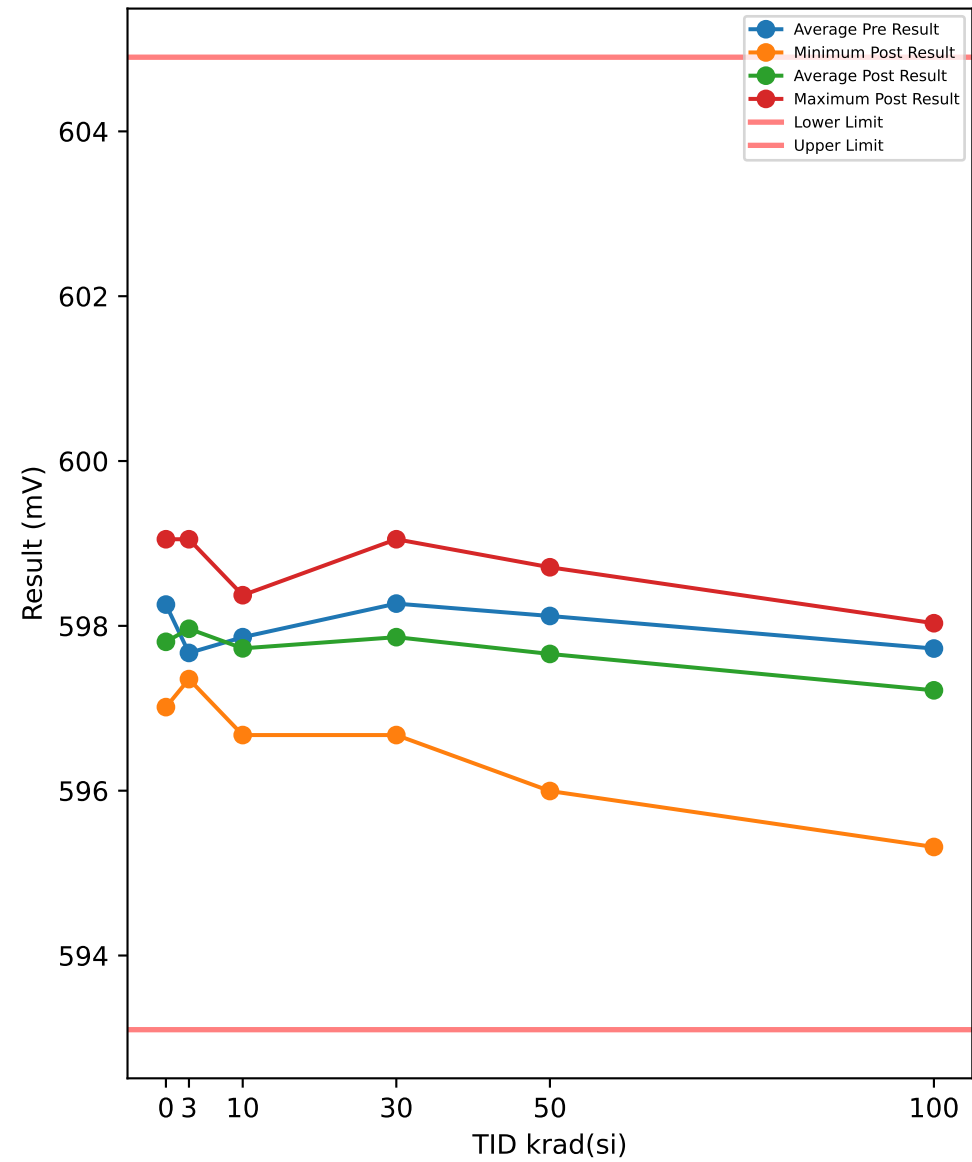


Test Results (Lower Limit = 475.0, Upper Limit = 520.0 (mV))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	498.18	498.18	0
301	0	Correlation	497.3	497.05	-0.249
302	0	Correlation	496.8	496.93	0.125
303	3	Bias	500.03	501.05	1.022
304	3	Bias	504.78	505.3	0.516
305	3	Bias	504.03	504.3	0.267
306	3	Bias	495.4	494.93	-0.47
307	3	Bias	497.15	497.93	0.776
308	3	Unbiased	503.53	503.68	0.143
309	3	Unbiased	500.93	501.3	0.375
310	3	Unbiased	498.43	498.68	0.25
311	3	Unbiased	496.8	497.05	0.25
312	3	Unbiased	500.43	500.8	0.374
313	10	Bias	498.8	499.68	0.874
314	10	Bias	491.81	492.68	0.874
315	10	Bias	494.93	496.55	1.624
316	10	Bias	502.55	502.3	-0.25
317	10	Bias	494.43	494.43	0
318	10	Unbiased	499.43	499.3	-0.125
319	10	Unbiased	499.68	500.18	0.5
320	10	Unbiased	495.43	498.93	3.497
321	10	Unbiased	498.8	495.43	-3.373
322	10	Unbiased	494.68	495.56	0.875
323	30	Bias	501.43	502.93	1.499
324	30	Bias	500.8	501.3	0.5
325	30	Bias	498.18	500.05	1.874
326	30	Bias	494.68	497.55	2.873
327	30	Bias	502.43	504.8	2.374
328	30	Unbiased	495.06	495.56	0.5
329	30	Unbiased	502.55	502.43	-0.125
330	30	Unbiased	500.43	499.68	-0.75
331	30	Unbiased	495.8	497.18	1.375
332	30	Unbiased	499.43	500.43	1
333	50	Bias	501.93	505.3	3.373
334	50	Bias	495.93	499.8	3.873
335	50	Bias	498.43	502.8	4.372
336	50	Bias	496.18	499.3	3.123
337	50	Bias	499.93	501.68	1.749
338	50	Unbiased	501.05	500.18	-0.874
339	50	Unbiased	494.27	494.93	0.656
340	50	Unbiased	498.28	499.3	1.025
341	50	Unbiased	495.52	495.68	0.154
342	50	Unbiased	497.4	497.8	0.401
343	100	Bias	494.27	497.55	3.279
344	100	Bias	497.03	503.43	6.399
345	100	Bias	500.03	504.3	4.27
346	100	Bias	502.03	505.8	3.768
347	100	Bias	497.28	507.3	10.02
348	100	Unbiased	505.16	505.67	0.515
349	100	Unbiased	495.02	494.18	-0.845
350	100	Unbiased	497.28	496.93	-0.348
351	100	Unbiased	499.4	497.93	-1.475
352	100	Unbiased	496.78	496.55	-0.222

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	496.8	497.43	498.18	0.69552	496.93	497.39	498.18	0.68787	-0.249	-0.041333	0.125	0.1904
3	495.4	500.15	504.78	3.2383	494.93	500.5	505.3	3.3568	-0.47	0.3503	1.022	0.39496
10	491.81	497.05	502.55	3.2666	492.68	497.5	502.3	3.0155	-3.373	0.4496	3.497	1.727
30	494.68	499.08	502.55	2.9951	495.56	500.19	504.8	2.844	-0.75	1.112	2.873	1.1181
50	494.27	497.89	501.93	2.5066	494.93	499.68	505.3	3.1257	-0.874	1.7852	4.372	1.7908
100	494.27	498.43	505.16	3.2992	494.18	500.96	507.3	4.7776	-1.475	2.5361	10.02	3.7049

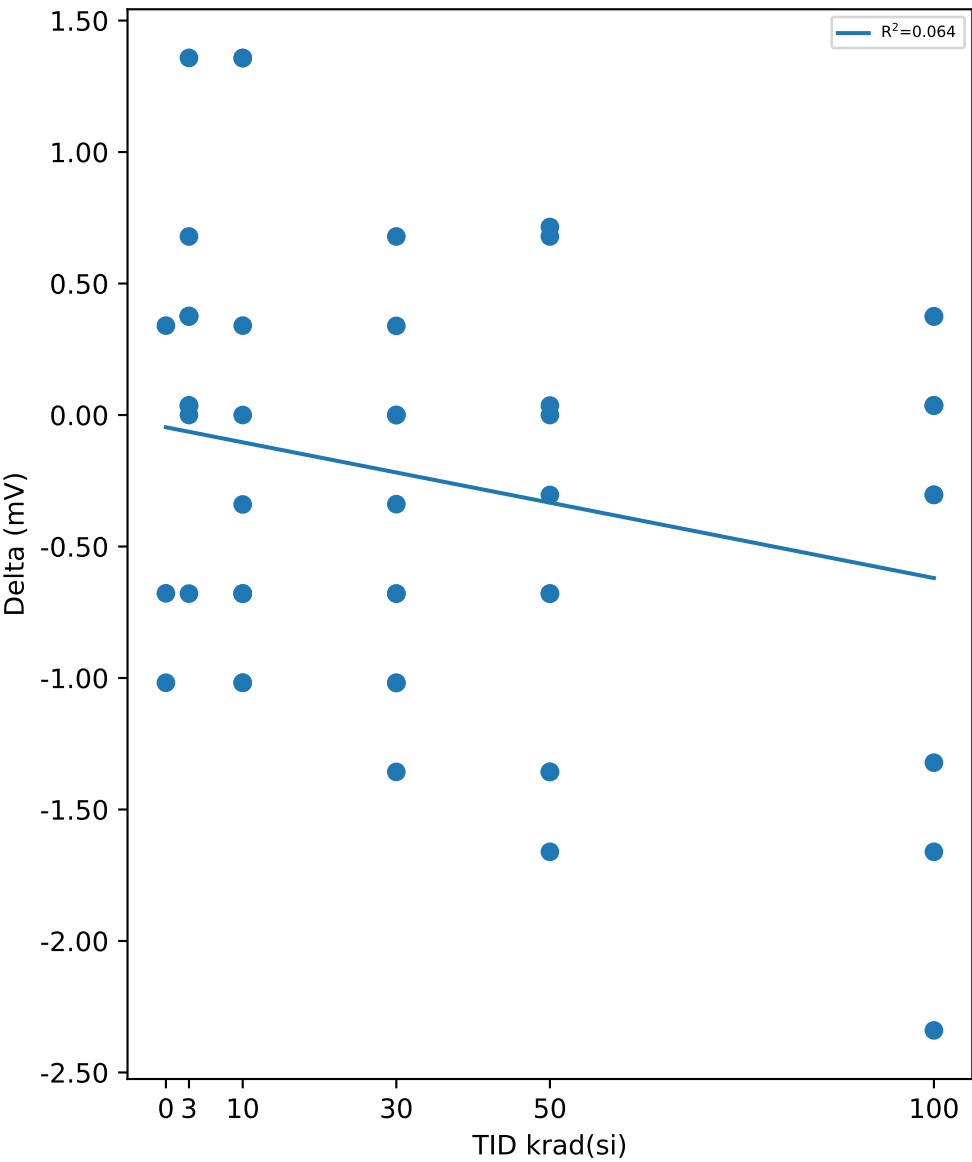
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	598.71	599.05	0.34
301	0	Correlation	598.03	597.35	-0.678
302	0	Correlation	598.03	597.01	-1.018
303	3	Bias	596.98	597.35	0.376
304	3	Bias	597.32	597.35	0.037
305	3	Bias	598.34	598.71	0.375
306	3	Bias	598	598.37	0.376
307	3	Bias	598.68	598.71	0.035
308	3	Unbiased	597.32	597.69	0.376
309	3	Unbiased	598.37	599.05	0.679
310	3	Unbiased	597.35	597.35	0
311	3	Unbiased	598.37	597.69	-0.679
312	3	Unbiased	596	597.35	1.358
313	10	Bias	597.35	596.67	-0.679
314	10	Bias	598.37	598.37	0
315	10	Bias	598.37	597.35	-1.018
316	10	Bias	598.03	598.37	0.34
317	10	Bias	597.35	596.67	-0.679
318	10	Unbiased	599.39	598.37	-1.018
319	10	Unbiased	596.67	598.03	1.357
320	10	Unbiased	597.69	597.01	-0.679
321	10	Unbiased	597.01	598.37	1.358
322	10	Unbiased	598.37	598.03	-0.34
323	30	Bias	597.35	597.69	0.339
324	30	Bias	598.37	599.05	0.679
325	30	Bias	599.05	599.05	0
326	30	Bias	597.69	597.01	-0.679
327	30	Bias	598.03	596.67	-1.357
328	30	Unbiased	598.37	597.69	-0.679
329	30	Unbiased	598.03	597.69	-0.339
330	30	Unbiased	599.05	599.05	0
331	30	Unbiased	599.05	598.03	-1.019
332	30	Unbiased	597.69	596.67	-1.018
333	50	Bias	598.03	598.71	0.679
334	50	Bias	598.03	596.67	-1.357
335	50	Bias	597.35	597.35	0
336	50	Bias	598.03	596.67	-1.357
337	50	Bias	599.05	598.37	-0.679
338	50	Unbiased	598.37	597.69	-0.679
339	50	Unbiased	597.66	598.37	0.715
340	50	Unbiased	598.68	598.37	-0.304
341	50	Unbiased	597.66	596	-1.661
342	50	Unbiased	598.34	598.37	0.036
343	100	Bias	598.34	598.03	-0.304
344	100	Bias	598	598.03	0.036
345	100	Bias	597.32	597.35	0.037
346	100	Bias	596.98	596.67	-0.303
347	100	Bias	597.66	598.03	0.375
348	100	Unbiased	597.66	595.32	-2.34
349	100	Unbiased	596.98	597.01	0.036
350	100	Unbiased	599.01	597.69	-1.322
351	100	Unbiased	597.66	596	-1.661
352	100	Unbiased	597.66	598.03	0.375

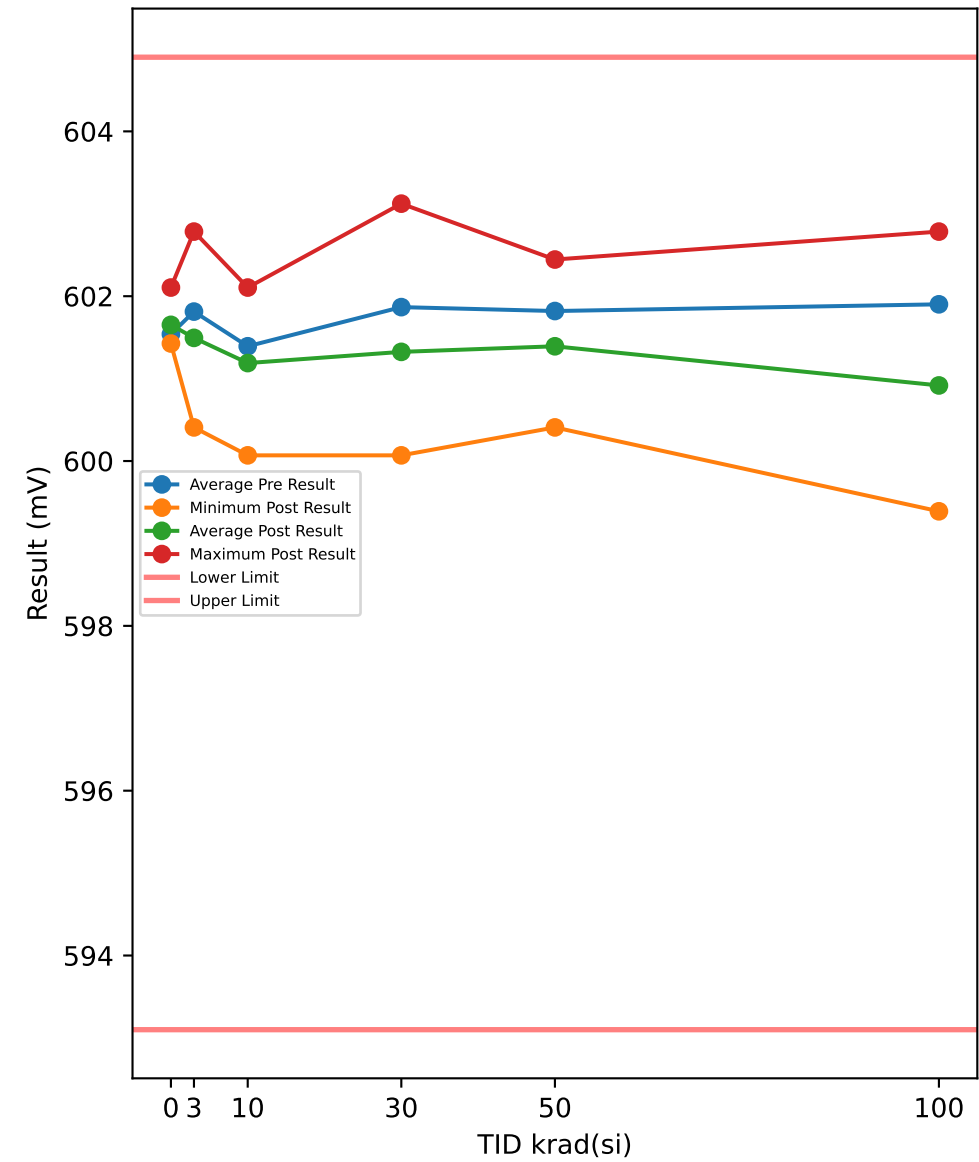
TID vs Post - Pre Exposure Delta



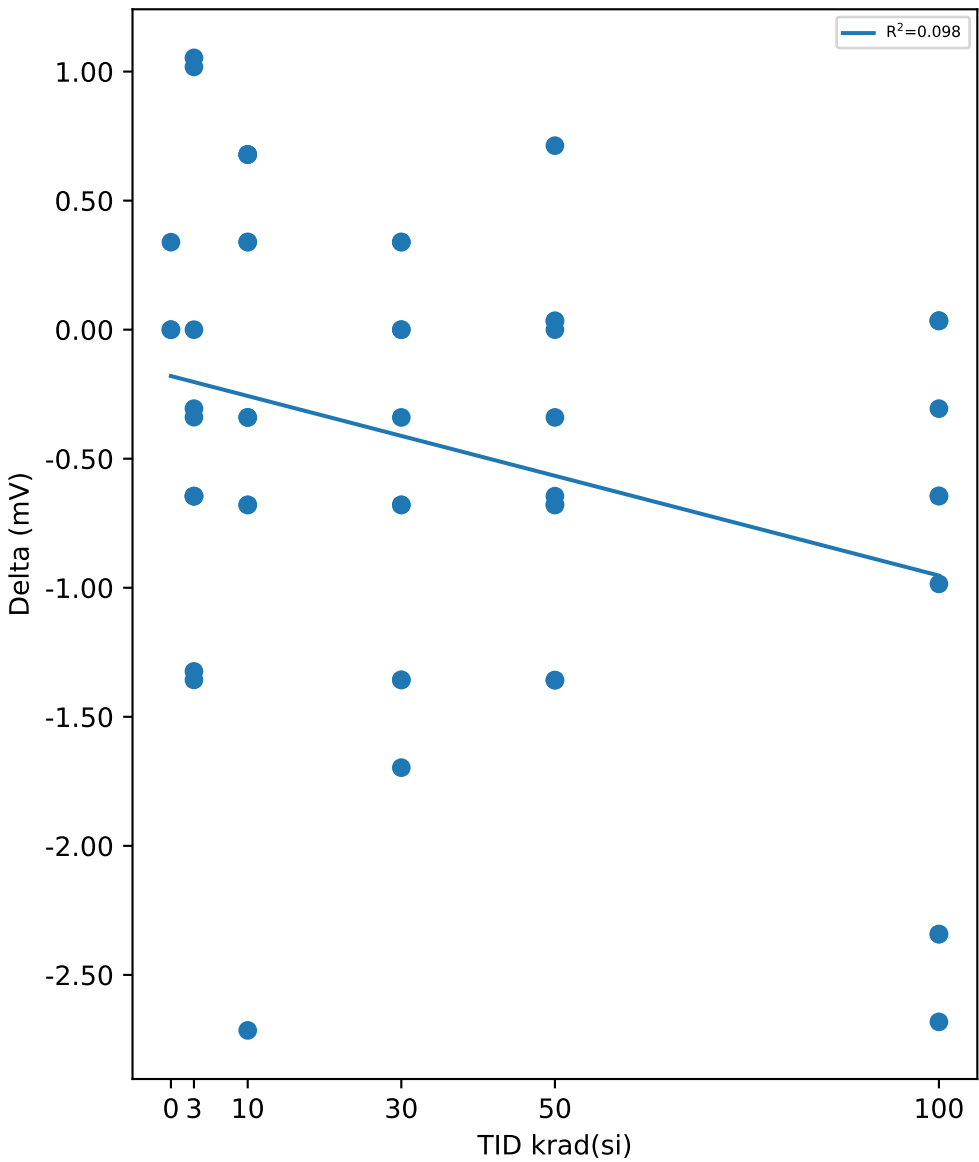
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.03	598.26	598.71	0.39202	597.01	597.81	599.05	1.0912	-1.018	-0.452	0.34	0.70665
3	596	597.67	598.68	0.8285	597.35	597.96	599.05	0.67489	-0.679	0.2933	1.358	0.52423
10	596.67	597.86	599.39	0.80393	596.67	597.73	598.37	0.7235	-1.018	-0.1358	1.358	0.89369
30	597.35	598.27	599.05	0.62083	596.67	597.86	599.05	0.93647	-1.357	-0.4073	0.679	0.65576
50	597.35	598.12	599.05	0.50824	596	597.66	598.71	0.93906	-1.661	-0.4607	0.715	0.83715
100	596.98	597.72	599.01	0.61571	595.32	597.22	598.03	0.96252	-2.34	-0.5071	0.375	0.93572

TID vs Result Stats



TID vs Post - Pre Exposure Delta



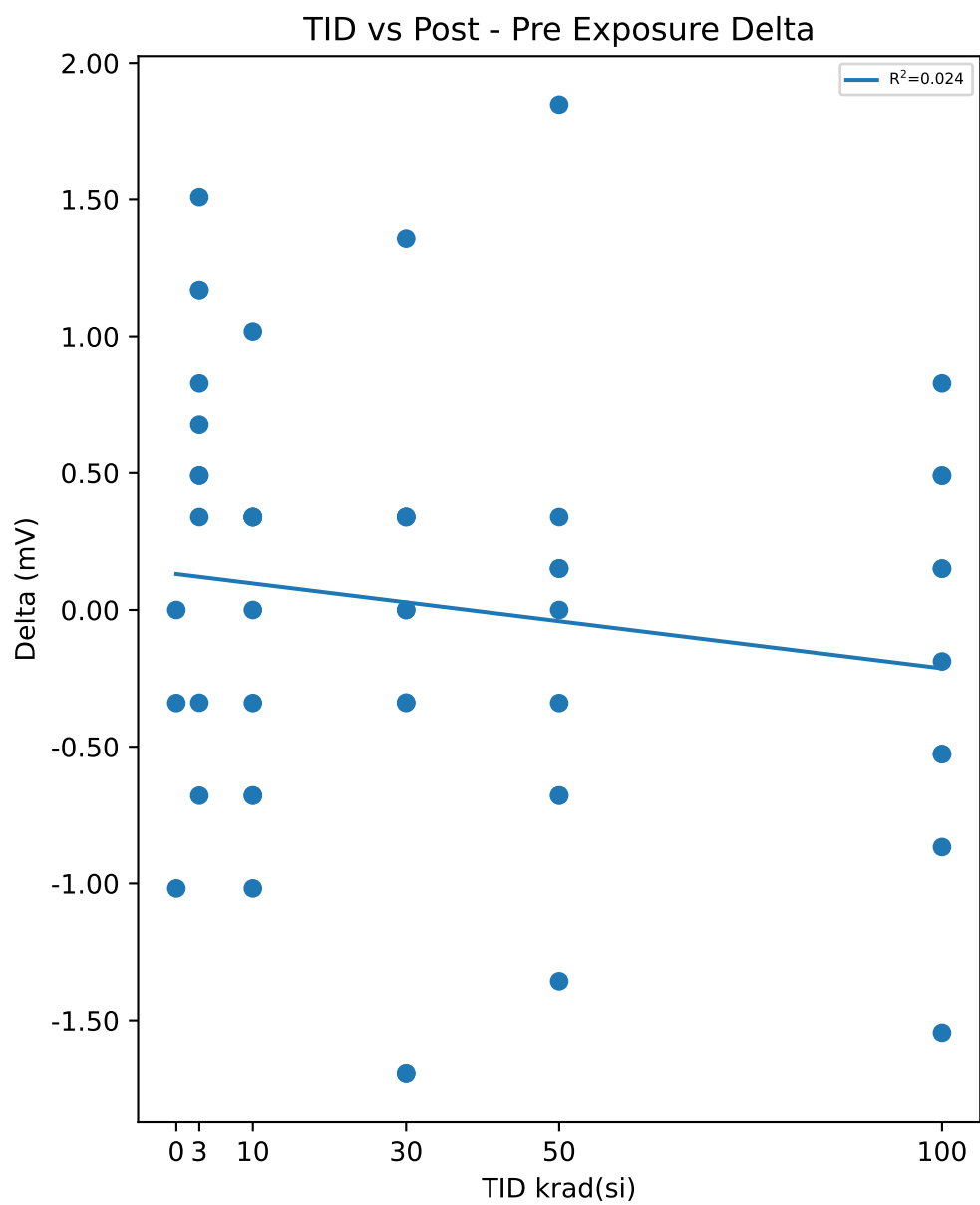
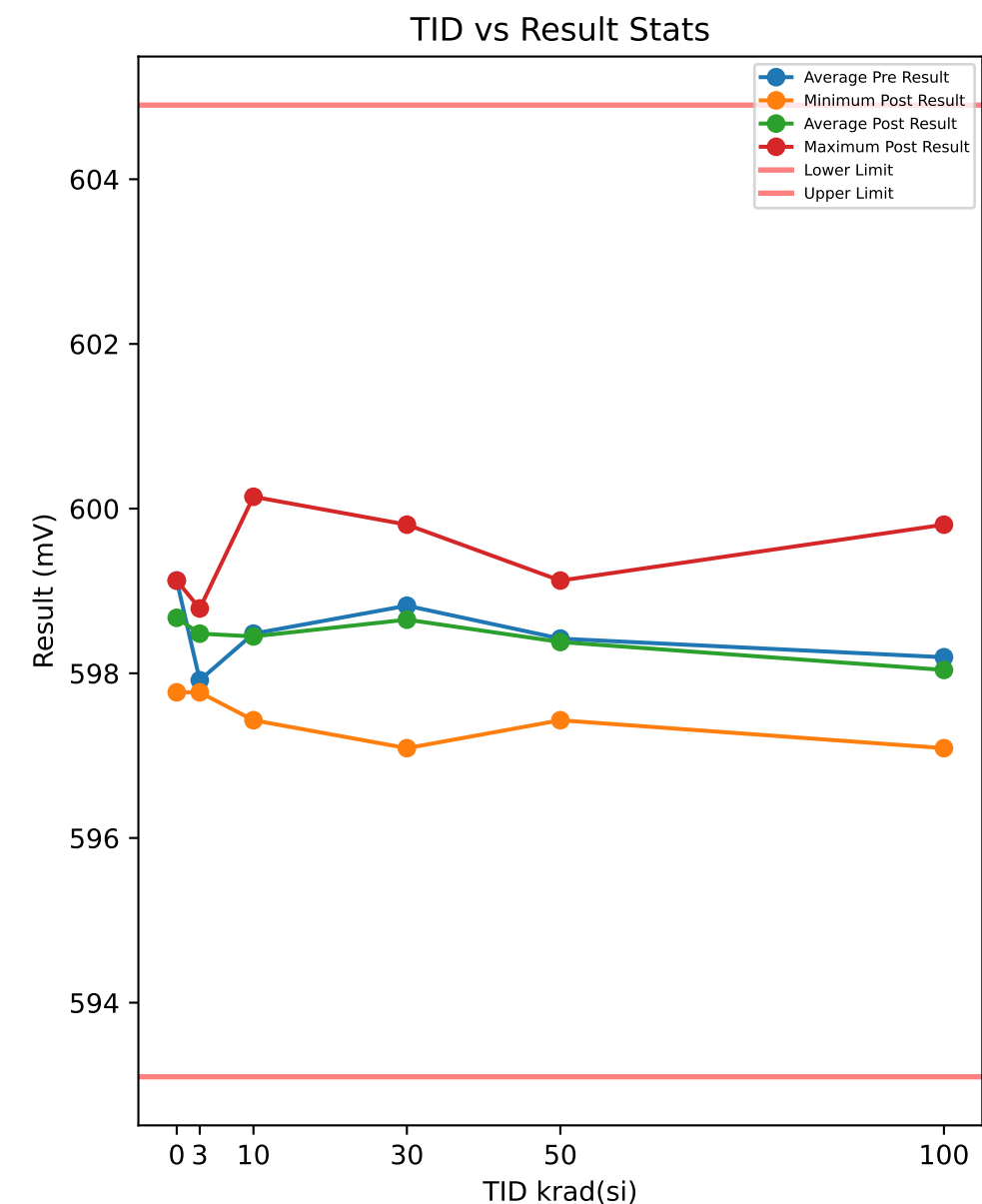
Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	601.09	601.43	0.339
301	0	Correlation	602.11	602.11	0
302	0	Correlation	601.43	601.43	0
303	3	Bias	601.73	600.41	-1.324
304	3	Bias	602.41	601.77	-0.645
305	3	Bias	601.73	601.43	-0.306
306	3	Bias	601.39	602.45	1.053
307	3	Bias	602.41	601.77	-0.645
308	3	Unbiased	601.73	601.09	-0.645
309	3	Unbiased	602.11	600.75	-1.357
310	3	Unbiased	600.41	601.43	1.018
311	3	Unbiased	602.78	602.78	0
312	3	Unbiased	601.43	601.09	-0.339
313	10	Bias	600.75	600.41	-0.34
314	10	Bias	601.77	601.43	-0.34
315	10	Bias	601.09	601.43	0.339
316	10	Bias	601.43	602.11	0.679
317	10	Bias	600.07	600.75	0.679
318	10	Unbiased	602.11	601.43	-0.679
319	10	Unbiased	601.77	601.09	-0.679
320	10	Unbiased	602.78	600.07	-2.715
321	10	Unbiased	601.43	601.77	0.34
322	10	Unbiased	600.75	601.43	0.678
323	30	Bias	601.43	600.07	-1.357
324	30	Bias	602.78	603.12	0.339
325	30	Bias	603.8	602.45	-1.357
326	30	Bias	600.41	600.75	0.34
327	30	Bias	601.77	601.09	-0.679
328	30	Unbiased	602.11	602.11	0
329	30	Unbiased	601.09	600.41	-0.679
330	30	Unbiased	603.12	601.43	-1.697
331	30	Unbiased	601.43	601.43	0
332	30	Unbiased	600.75	600.41	-0.34
333	50	Bias	601.43	601.43	0
334	50	Bias	601.77	600.41	-1.358
335	50	Bias	601.77	601.43	-0.34
336	50	Bias	601.09	600.41	-0.679
337	50	Bias	602.78	601.43	-1.358
338	50	Unbiased	602.11	601.43	-0.679
339	50	Unbiased	601.39	601.43	0.034
340	50	Unbiased	601.73	602.45	0.713
341	50	Unbiased	601.73	601.09	-0.645
342	50	Unbiased	602.41	602.45	0.034
343	100	Bias	602.41	601.43	-0.985
344	100	Bias	603.09	600.41	-2.682
345	100	Bias	601.73	601.43	-0.306
346	100	Bias	601.05	601.09	0.034
347	100	Bias	602.75	602.78	0.034
348	100	Unbiased	600.37	600.41	0.035
349	100	Unbiased	602.41	600.07	-2.342
350	100	Unbiased	602.75	600.41	-2.342
351	100	Unbiased	600.03	599.39	-0.644
352	100	Unbiased	602.41	601.77	-0.645

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	601.09	601.54	602.11	0.51838	601.43	601.65	602.11	0.39202	0	0.113	0.339	0.19572
3	600.41	601.81	602.78	0.67198	600.41	601.49	602.78	0.72976	-1.357	-0.319	1.053	0.82856
10	600.07	601.39	602.78	0.77466	600.07	601.19	602.11	0.62056	-2.715	-0.2038	0.679	1.0393
30	600.41	601.87	603.8	1.0856	600.07	601.32	603.12	0.98685	-1.697	-0.543	0.34	0.73654
50	601.09	601.82	602.78	0.50076	600.41	601.39	602.45	0.68742	-1.358	-0.4278	0.713	0.65171
100	600.03	601.9	603.09	1.0648	599.39	600.92	602.78	0.97648	-2.682	-0.9843	0.035	1.0736

Device Test: 13.7 ; VTH_SENSE



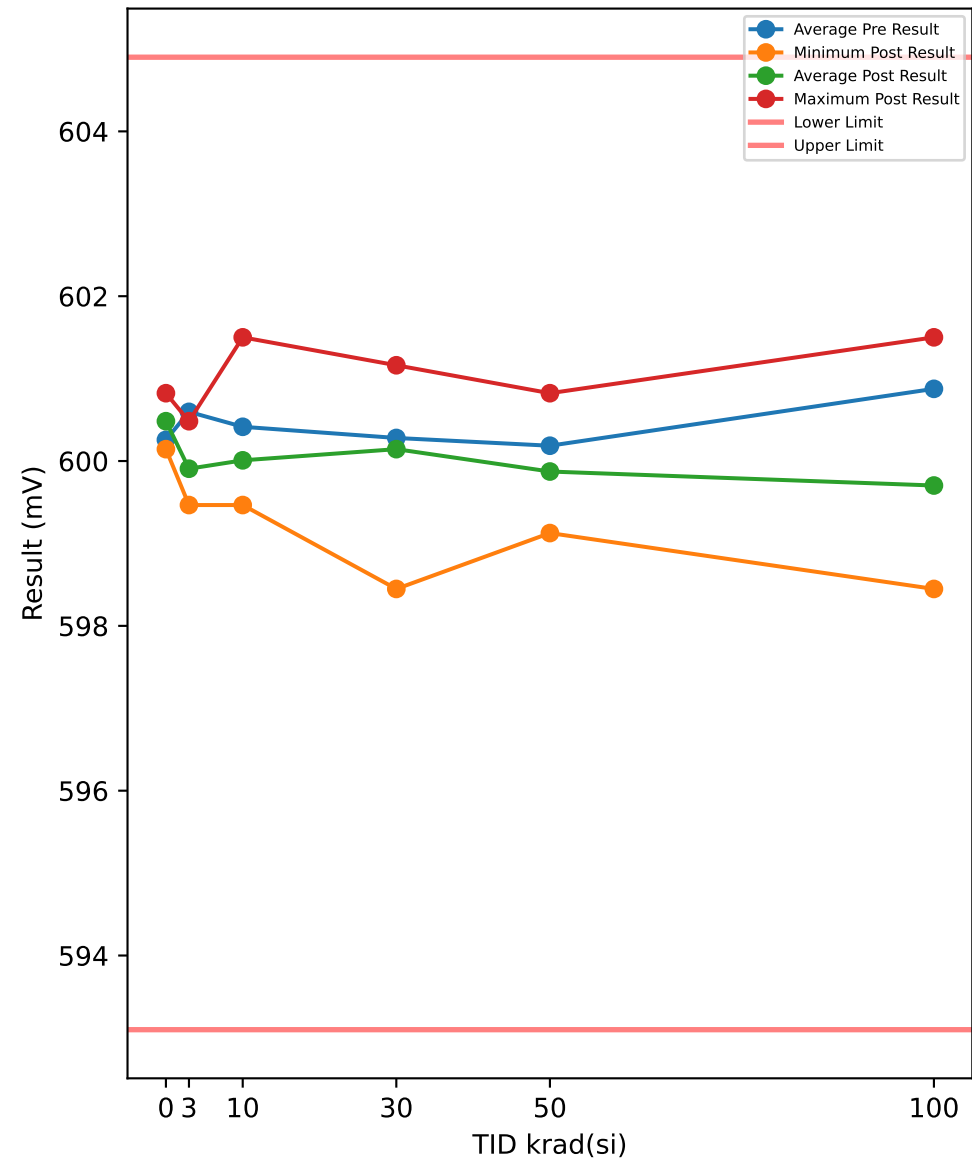
Test Results (Lower Limit = 593.1,
Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.47	599.13	-0.34
301	0	Correlation	598.79	597.77	-1.018
302	0	Correlation	599.13	599.13	0
303	3	Bias	597.96	598.79	0.83
304	3	Bias	597.62	598.79	1.169
305	3	Bias	597.28	598.79	1.508
306	3	Bias	597.62	598.79	1.169
307	3	Bias	597.96	598.45	0.491
308	3	Unbiased	598.3	598.79	0.49
309	3	Unbiased	597.77	598.45	0.679
310	3	Unbiased	597.43	597.77	0.339
311	3	Unbiased	598.79	598.45	-0.339
312	3	Unbiased	598.45	597.77	-0.679
313	10	Bias	598.11	597.77	-0.34
314	10	Bias	598.11	597.43	-0.679
315	10	Bias	598.11	598.45	0.339
316	10	Bias	599.47	599.8	0.339
317	10	Bias	597.77	597.77	0
318	10	Unbiased	599.8	600.14	0.339
319	10	Unbiased	598.79	597.77	-1.018
320	10	Unbiased	598.11	598.45	0.339
321	10	Unbiased	597.77	598.79	1.018
322	10	Unbiased	598.79	598.11	-0.678
323	30	Bias	598.45	598.79	0.339
324	30	Bias	599.13	598.79	-0.339
325	30	Bias	599.47	599.47	0
326	30	Bias	599.13	598.79	-0.339
327	30	Bias	598.11	598.11	0
328	30	Unbiased	599.47	599.8	0.339
329	30	Unbiased	597.43	598.79	1.357
330	30	Unbiased	600.48	598.79	-1.696
331	30	Unbiased	597.77	598.11	0.34
332	30	Unbiased	598.79	597.09	-1.696
333	50	Bias	599.8	599.13	-0.679
334	50	Bias	597.77	597.77	0
335	50	Bias	598.11	597.77	-0.34
336	50	Bias	598.79	599.13	0.339
337	50	Bias	598.79	597.43	-1.357
338	50	Unbiased	599.13	598.45	-0.678
339	50	Unbiased	598.64	598.79	0.151
340	50	Unbiased	596.26	598.11	1.848
341	50	Unbiased	597.96	598.11	0.152
342	50	Unbiased	598.98	599.13	0.151
343	100	Bias	598.64	598.79	0.151
344	100	Bias	597.96	597.43	-0.527
345	100	Bias	597.28	597.43	0.151
346	100	Bias	597.96	597.43	-0.527
347	100	Bias	599.32	599.8	0.49
348	100	Unbiased	597.28	598.11	0.83
349	100	Unbiased	597.28	597.09	-0.188
350	100	Unbiased	599.32	598.45	-0.867
351	100	Unbiased	597.28	597.77	0.49
352	100	Unbiased	599.65	598.11	-1.545

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.79	599.13	599.47	0.3395	597.77	598.67	599.13	0.78346	-1.018	-0.45267	0	0.51827
3	597.28	597.92	598.79	0.47509	597.77	598.48	598.79	0.40625	-0.679	0.5657	1.508	0.67733
10	597.77	598.48	599.8	0.70537	597.43	598.45	600.14	0.90475	-1.018	-0.0341	1.018	0.62867
30	597.43	598.82	600.48	0.91099	597.09	598.65	599.8	0.75348	-1.696	-0.1695	1.357	0.93585
50	596.26	598.42	599.8	0.96821	597.43	598.38	599.13	0.6356	-1.357	-0.0413	1.848	0.84718
100	597.28	598.19	599.65	0.96041	597.09	598.04	599.8	0.81237	-1.545	-0.1542	0.83	0.72314

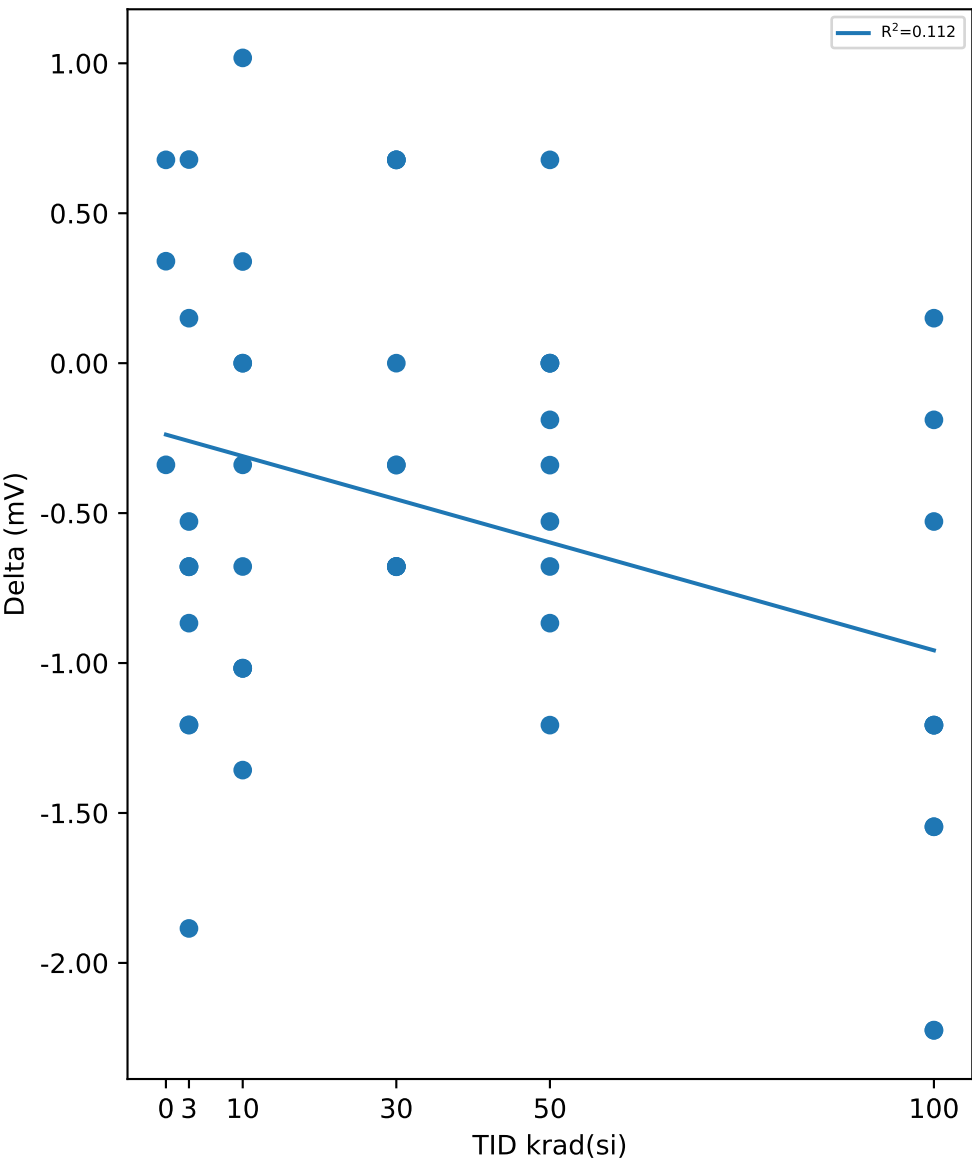
TID vs Result Stats



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	600.48	600.14	-0.339
301	0	Correlation	599.8	600.48	0.678
302	0	Correlation	600.48	600.82	0.34
303	3	Bias	600.67	599.8	-0.867
304	3	Bias	600.33	600.48	0.15
305	3	Bias	600.67	600.14	-0.528
306	3	Bias	601.35	600.14	-1.207
307	3	Bias	601.35	599.47	-1.885
308	3	Unbiased	600.67	599.47	-1.206
309	3	Unbiased	600.14	599.47	-0.678
310	3	Unbiased	601.16	600.48	-0.679
311	3	Unbiased	600.82	600.14	-0.679
312	3	Unbiased	598.79	599.47	0.679
313	10	Bias	600.48	599.47	-1.017
314	10	Bias	599.47	599.8	0.339
315	10	Bias	599.13	600.14	1.018
316	10	Bias	600.48	600.14	-0.339
317	10	Bias	599.8	599.8	0
318	10	Unbiased	602.52	601.5	-1.018
319	10	Unbiased	601.5	600.14	-1.357
320	10	Unbiased	600.14	599.47	-0.678
321	10	Unbiased	600.14	600.14	0
322	10	Unbiased	600.48	599.47	-1.017
323	30	Bias	599.47	600.14	0.678
324	30	Bias	600.82	600.82	0
325	30	Bias	601.16	600.48	-0.679
326	30	Bias	600.48	600.14	-0.339
327	30	Bias	600.14	599.47	-0.678
328	30	Unbiased	601.84	601.16	-0.678
329	30	Unbiased	599.47	600.14	0.678
330	30	Unbiased	600.82	600.48	-0.34
331	30	Unbiased	599.47	600.14	0.678
332	30	Unbiased	599.13	598.45	-0.678
333	50	Bias	601.5	600.82	-0.678
334	50	Bias	599.13	599.13	0
335	50	Bias	599.47	599.13	-0.34
336	50	Bias	600.14	600.14	0
337	50	Bias	599.47	600.14	0.678
338	50	Unbiased	600.14	600.14	0
339	50	Unbiased	599.99	599.8	-0.189
340	50	Unbiased	599.99	599.47	-0.528
341	50	Unbiased	600.33	599.13	-1.207
342	50	Unbiased	601.69	600.82	-0.867
343	100	Bias	601.35	600.14	-1.207
344	100	Bias	600.33	600.14	-0.189
345	100	Bias	600.67	598.45	-2.224
346	100	Bias	601.35	599.13	-2.225
347	100	Bias	601.69	601.16	-0.528
348	100	Unbiased	599.99	598.79	-1.207
349	100	Unbiased	599.99	598.79	-1.207
350	100	Unbiased	601.35	599.8	-1.546
351	100	Unbiased	600.67	599.13	-1.546
352	100	Unbiased	601.35	601.5	0.15

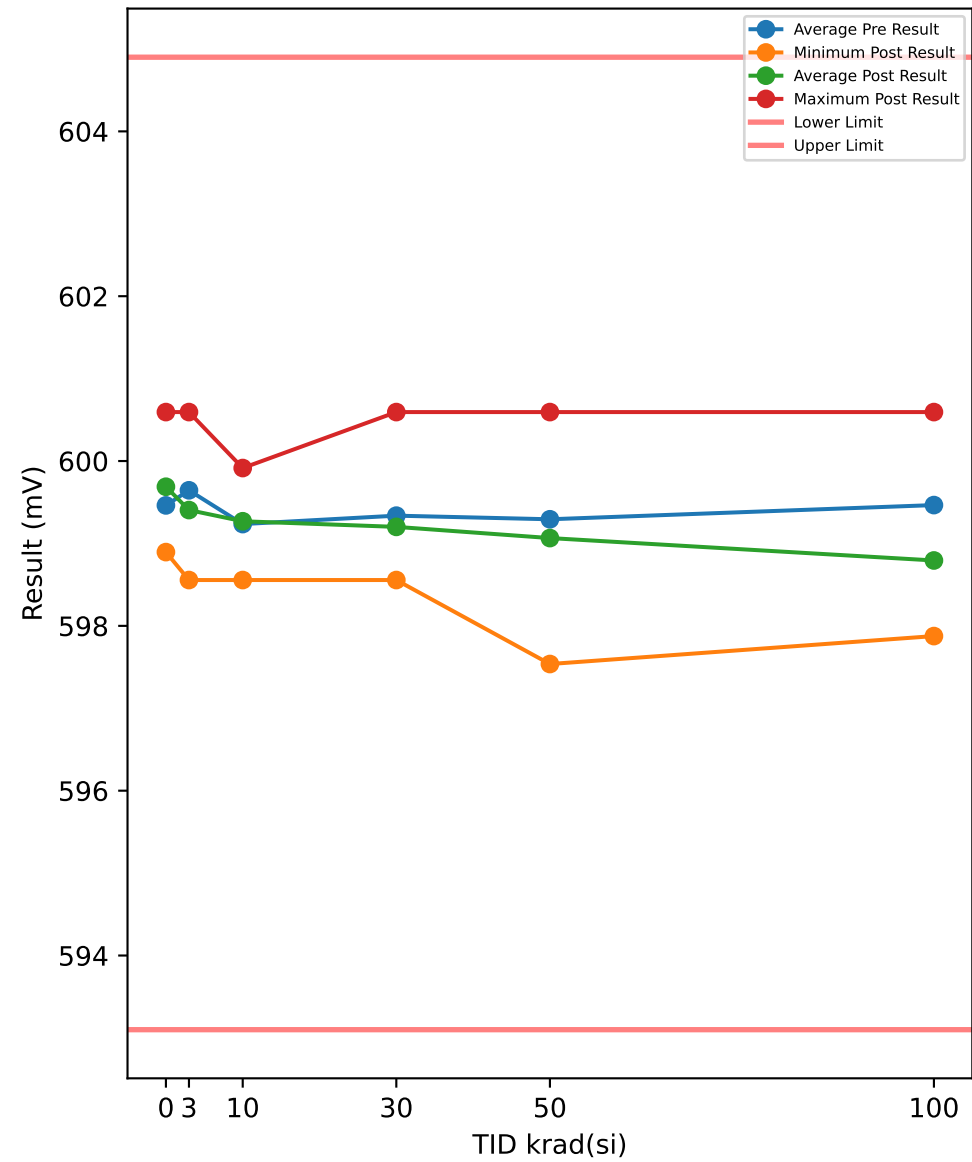
TID vs Post - Pre Exposure Delta



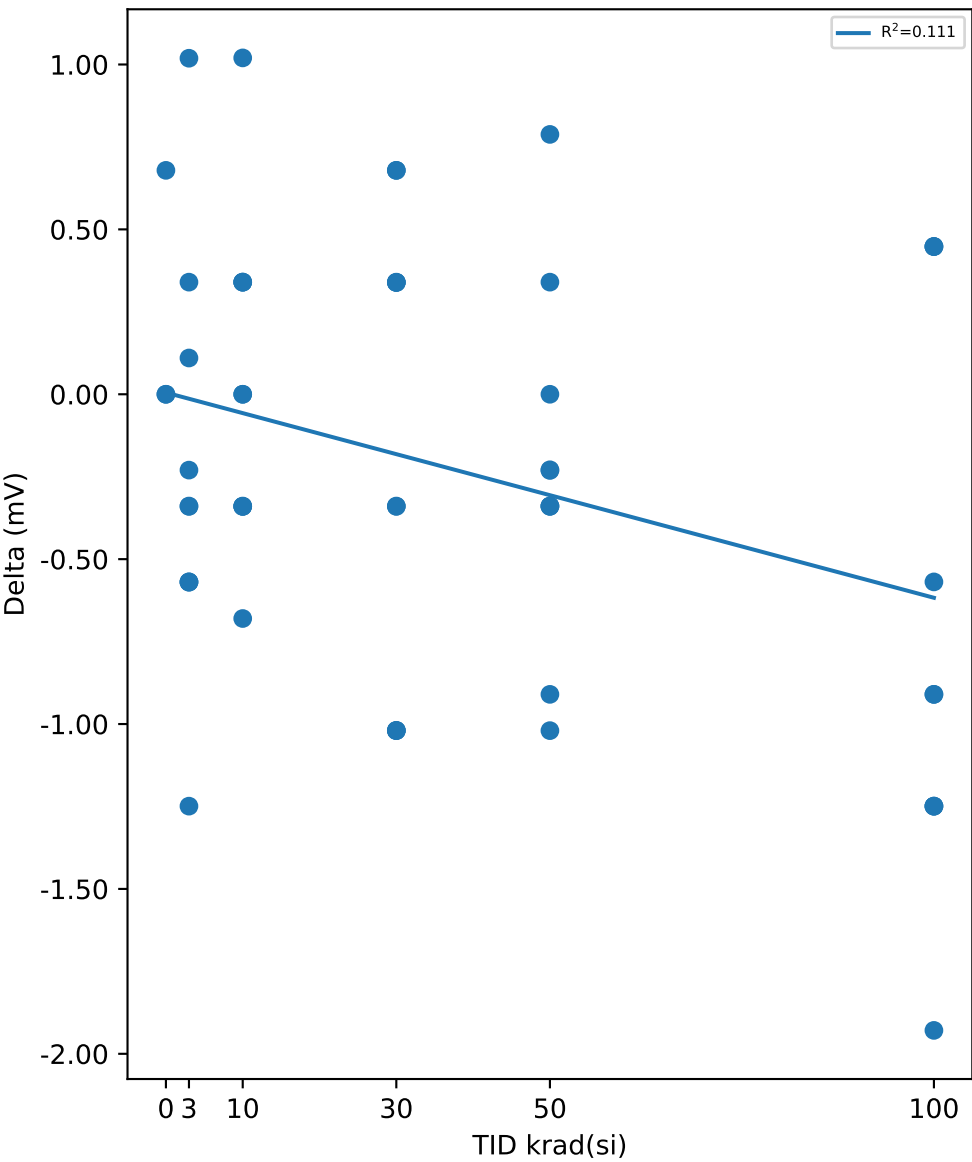
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.8	600.26	600.48	0.39144	600.14	600.48	600.82	0.3395	-0.339	0.22633	0.678	0.51794
3	598.79	600.6	601.35	0.75094	599.47	599.91	600.48	0.42431	-1.885	-0.69	0.679	0.71487
10	599.13	600.42	602.52	0.98326	599.47	600.01	601.5	0.60247	-1.357	-0.4069	1.018	0.74659
30	599.13	600.28	601.84	0.89321	598.45	600.14	601.16	0.75006	-0.679	-0.1358	0.678	0.60233
50	599.13	600.19	601.69	0.83337	599.13	599.87	600.82	0.65571	-1.207	-0.3131	0.678	0.53517
100	599.99	600.88	601.69	0.62352	598.45	599.7	601.5	1.0371	-2.225	-1.1729	0.15	0.79075

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 593.1, Upper Limit = 604.9 (mV))

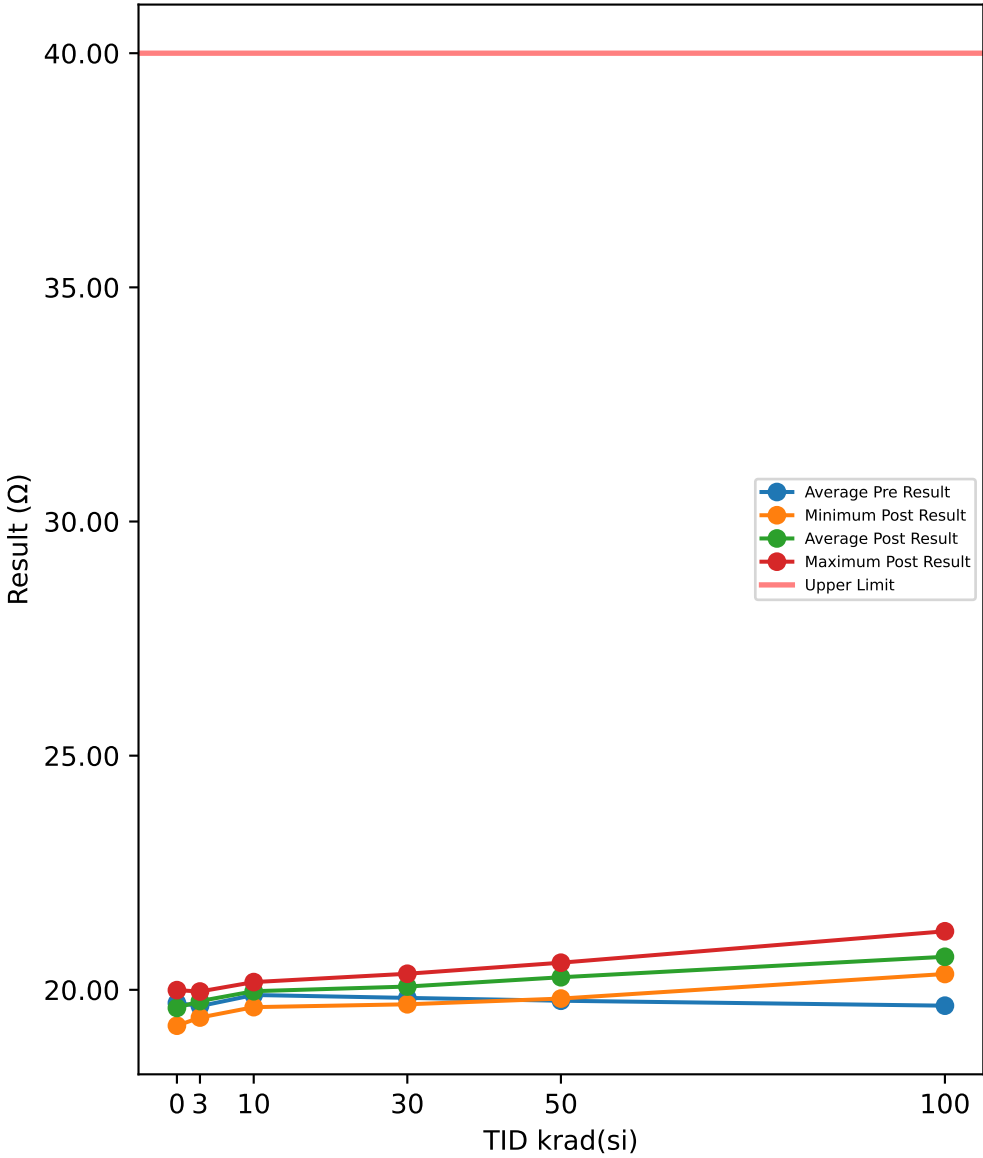
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	599.91	600.59	0.679
301	0	Correlation	599.58	599.58	0
302	0	Correlation	598.89	598.89	0
303	3	Bias	599.8	598.56	-1.249
304	3	Bias	599.8	599.24	-0.57
305	3	Bias	600.14	599.58	-0.569
306	3	Bias	600.82	600.25	-0.569
307	3	Bias	598.79	598.56	-0.23
308	3	Unbiased	600.48	600.59	0.11
309	3	Unbiased	598.56	599.58	1.019
310	3	Unbiased	599.91	599.58	-0.34
311	3	Unbiased	599.24	599.58	0.34
312	3	Unbiased	598.89	598.56	-0.339
313	10	Bias	598.56	598.56	0
314	10	Bias	598.89	599.24	0.34
315	10	Bias	599.58	599.58	0
316	10	Bias	599.58	598.89	-0.68
317	10	Bias	599.24	598.89	-0.34
318	10	Unbiased	600.25	599.91	-0.339
319	10	Unbiased	598.22	598.56	0.34
320	10	Unbiased	598.89	599.91	1.02
321	10	Unbiased	599.58	599.91	0.34
322	10	Unbiased	599.58	599.24	-0.34
323	30	Bias	599.58	598.56	-1.019
324	30	Bias	598.89	598.56	-0.339
325	30	Bias	599.91	599.58	-0.34
326	30	Bias	598.56	598.89	0.339
327	30	Bias	599.91	598.89	-1.02
328	30	Unbiased	599.91	600.25	0.339
329	30	Unbiased	598.22	598.89	0.679
330	30	Unbiased	600.25	600.59	0.34
331	30	Unbiased	599.91	598.89	-1.02
332	30	Unbiased	598.22	598.89	0.679
333	50	Bias	599.58	599.24	-0.34
334	50	Bias	598.89	598.56	-0.339
335	50	Bias	599.24	599.24	0
336	50	Bias	598.89	598.56	-0.339
337	50	Bias	599.91	598.89	-1.02
338	50	Unbiased	600.25	600.59	0.34
339	50	Unbiased	599.13	598.89	-0.231
340	50	Unbiased	598.45	599.24	0.788
341	50	Unbiased	598.45	597.54	-0.91
342	50	Unbiased	600.14	599.91	-0.229
343	100	Bias	600.14	598.89	-1.249
344	100	Bias	597.77	598.22	0.448
345	100	Bias	599.8	598.89	-0.91
346	100	Bias	599.8	597.88	-1.929
347	100	Bias	601.16	600.59	-0.569
348	100	Unbiased	599.8	598.56	-1.249
349	100	Unbiased	599.13	598.22	-0.91
350	100	Unbiased	600.48	599.24	-1.249
351	100	Unbiased	598.11	598.56	0.448
352	100	Unbiased	598.45	598.89	0.448

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.89	599.46	599.91	0.51936	598.89	599.69	600.59	0.85512	0	0.22633	0.679	0.39202
3	598.56	599.64	600.82	0.75418	598.56	599.41	600.59	0.70249	-1.249	-0.2397	1.019	0.6153
10	598.22	599.24	600.25	0.5992	598.56	599.27	599.91	0.54205	-0.68	0.0341	1.02	0.49262
30	598.22	599.34	600.25	0.78546	598.56	599.2	600.59	0.70627	-1.02	-0.1362	0.679	0.70172
50	598.45	599.29	600.25	0.65774	597.54	599.07	600.59	0.82042	-1.02	-0.228	0.788	0.53087
100	597.77	599.47	601.16	1.0854	597.88	598.79	600.59	0.75198	-1.929	-0.6721	0.448	0.84761

Device Test: 18.0 ; RESET_RPMOS_LOW_V

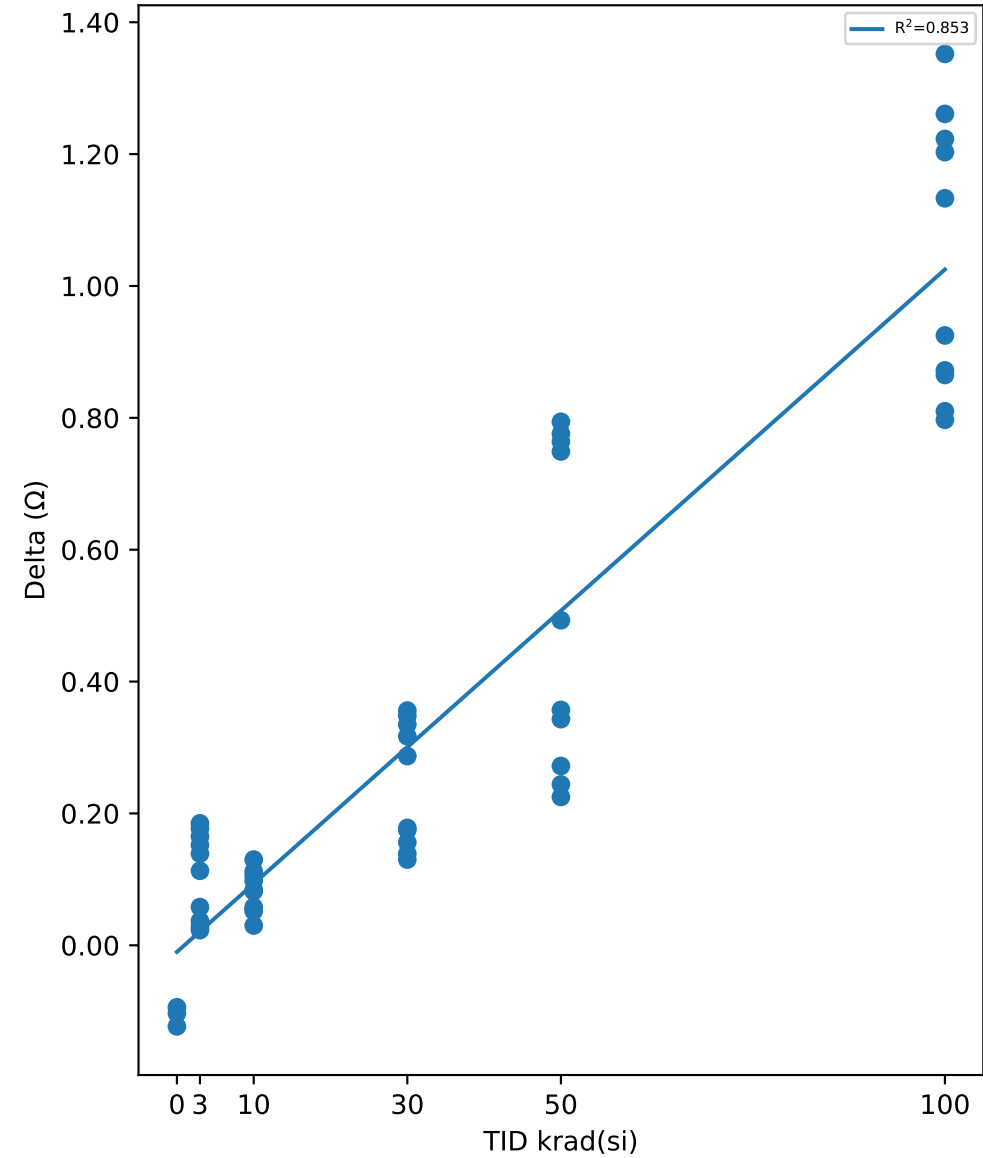
TID vs Result Stats



Test Results (Upper Limit = 40.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.736	19.613	-0.123
301	0	Correlation	19.337	19.234	-0.103
302	0	Correlation	20.087	19.993	-0.094
303	3	Bias	19.659	19.772	0.113
304	3	Bias	19.721	19.886	0.165
305	3	Bias	19.657	19.796	0.139
306	3	Bias	19.65	19.802	0.152
307	3	Bias	19.779	19.964	0.185
308	3	Unbiased	19.6	19.777	0.177
309	3	Unbiased	19.777	19.835	0.058
310	3	Unbiased	19.879	19.916	0.037
311	3	Unbiased	19.385	19.408	0.023
312	3	Unbiased	19.413	19.442	0.029
313	10	Bias	19.823	19.881	0.058
314	10	Bias	19.893	19.945	0.052
315	10	Bias	20.093	20.148	0.055
316	10	Bias	19.518	19.63	0.112
317	10	Bias	20.135	20.165	0.03
318	10	Unbiased	19.91	20.008	0.098
319	10	Unbiased	19.839	19.923	0.084
320	10	Unbiased	19.991	20.097	0.106
321	10	Unbiased	19.976	20.106	0.13
322	10	Unbiased	19.717	19.799	0.082
323	30	Bias	19.949	20.088	0.139
324	30	Bias	19.758	19.914	0.156
325	30	Bias	20.055	20.23	0.175
326	30	Bias	19.561	19.691	0.13
327	30	Bias	19.791	19.969	0.178
328	30	Unbiased	19.796	20.113	0.317
329	30	Unbiased	19.825	20.112	0.287
330	30	Unbiased	19.652	19.987	0.335
331	30	Unbiased	19.894	20.25	0.356
332	30	Unbiased	19.995	20.343	0.348
333	50	Bias	19.588	19.813	0.225
334	50	Bias	20.117	20.361	0.244
335	50	Bias	19.887	20.244	0.357
336	50	Bias	19.839	20.182	0.343
337	50	Bias	20.232	20.504	0.272
338	50	Unbiased	19.599	20.092	0.493
339	50	Unbiased	19.638	20.387	0.749
340	50	Unbiased	19.785	20.579	0.794
341	50	Unbiased	19.438	20.202	0.764
342	50	Unbiased	19.543	20.319	0.776
343	100	Bias	19.599	20.396	0.797
344	100	Bias	19.734	20.544	0.81
345	100	Bias	19.473	20.338	0.865
346	100	Bias	19.9	20.825	0.925
347	100	Bias	19.777	20.649	0.872
348	100	Unbiased	19.63	20.833	1.203
349	100	Unbiased	19.578	20.711	1.133
350	100	Unbiased	19.594	20.855	1.261
351	100	Unbiased	19.898	21.25	1.352
352	100	Unbiased	19.432	20.655	1.223

TID vs Post - Pre Exposure Delta

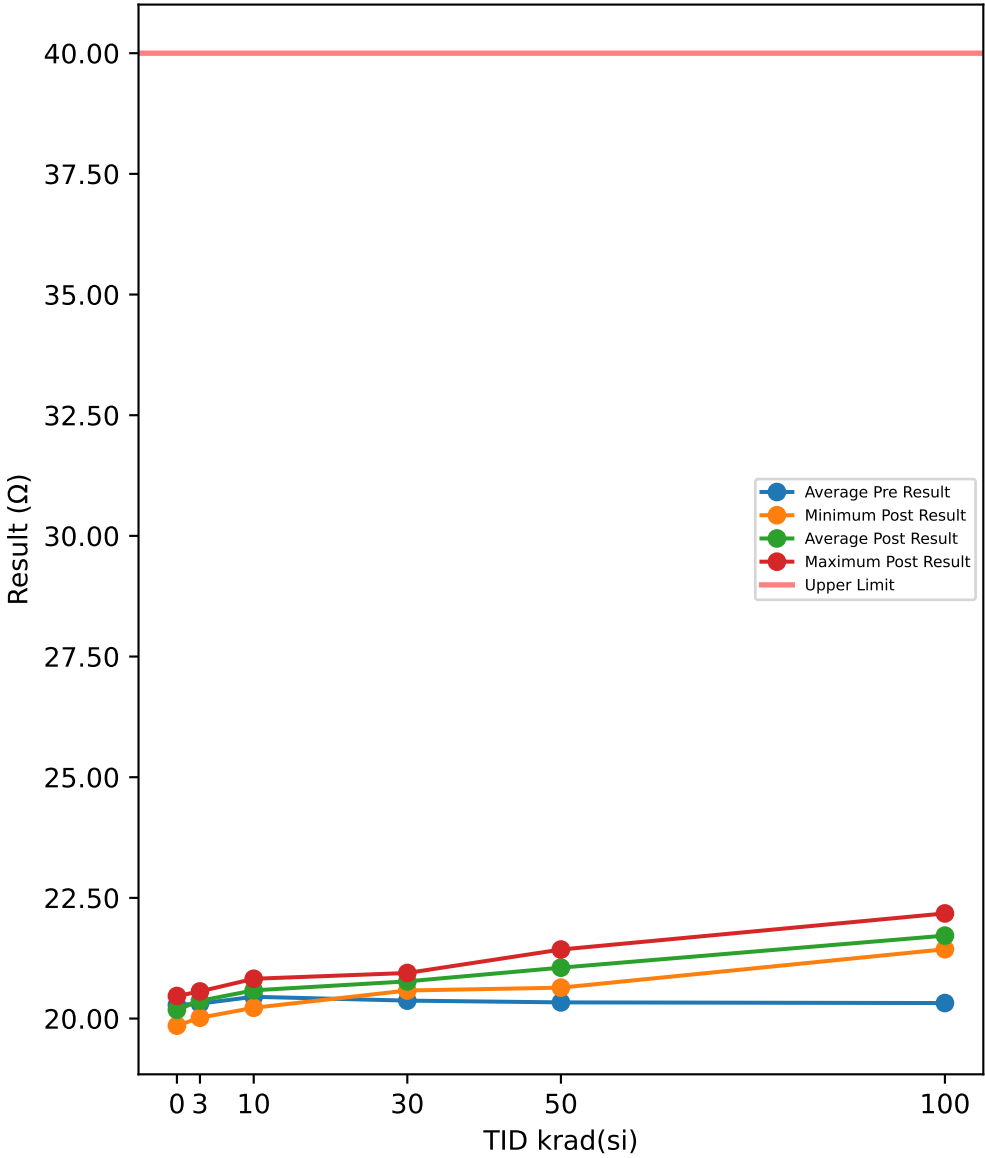


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.337	19.72	20.087	0.37526	19.234	19.613	19.993	0.3795	-0.123	-0.10667	-0.094	0.014844
3	19.385	19.652	19.879	0.15608	19.408	19.76	19.964	0.18737	0.023	0.1078	0.185	0.064865
10	19.518	19.89	20.135	0.18094	19.63	19.97	20.165	0.17042	0.03	0.0807	0.13	0.031503
30	19.561	19.828	20.055	0.15202	19.691	20.07	20.343	0.18901	0.13	0.2421	0.356	0.094083
50	19.438	19.767	20.232	0.25689	19.813	20.268	20.579	0.21811	0.225	0.5017	0.794	0.24326
100	19.432	19.662	19.9	0.16195	20.338	20.706	21.25	0.26078	0.797	1.0441	1.352	0.21049

Device Test: 18.1 ; RESET_RPMOS_LOW_V

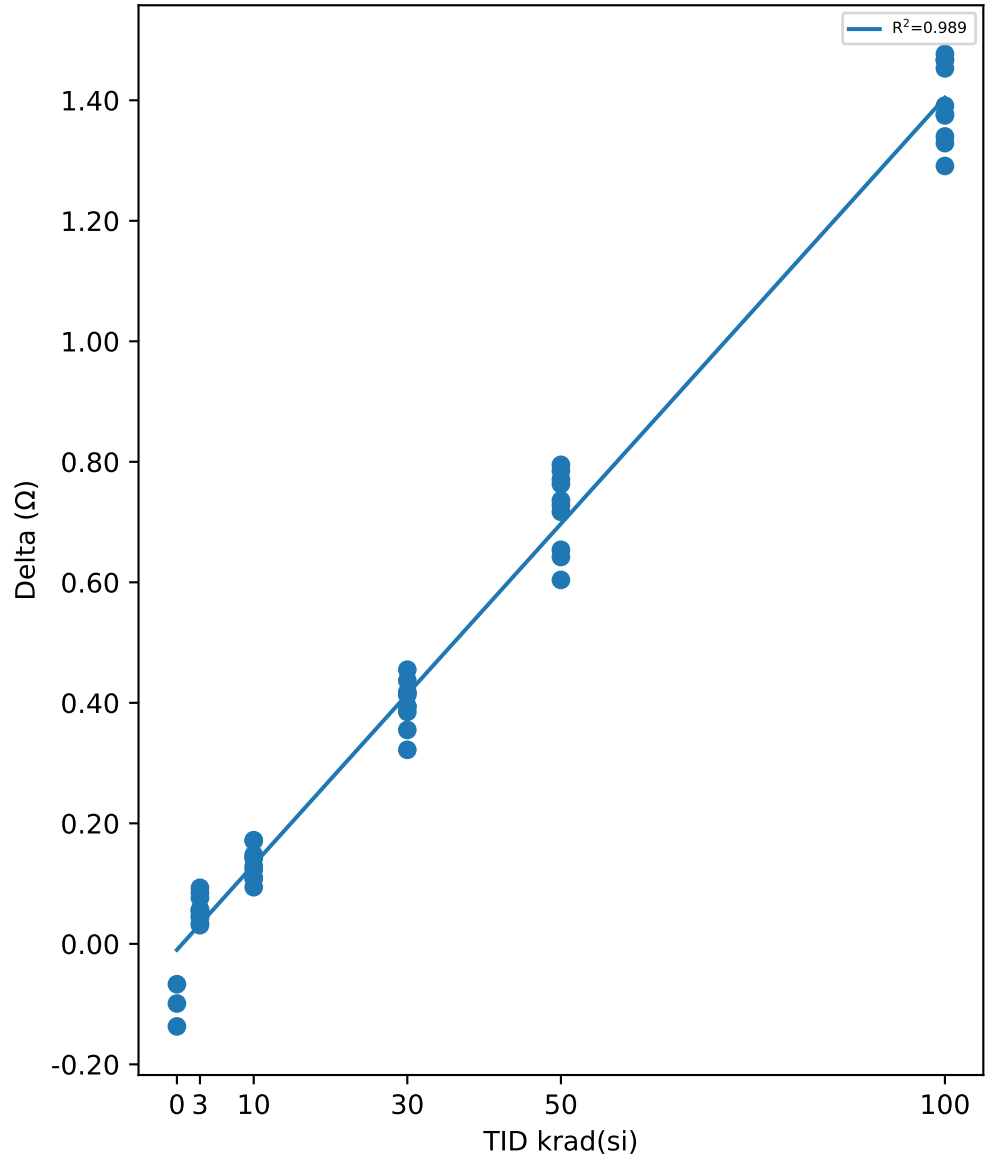
TID vs Result Stats



Test Results (Upper Limit = 40.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.361	20.224	-0.137
301	0	Correlation	19.951	19.852	-0.099
302	0	Correlation	20.534	20.467	-0.067
303	3	Bias	20.446	20.48	0.034
304	3	Bias	20.445	20.499	0.054
305	3	Bias	20.269	20.362	0.093
306	3	Bias	20.326	20.402	0.076
307	3	Bias	20.506	20.562	0.056
308	3	Unbiased	20.299	20.384	0.085
309	3	Unbiased	20.39	20.434	0.044
310	3	Unbiased	20.447	20.504	0.057
311	3	Unbiased	19.971	20.017	0.046
312	3	Unbiased	20.003	20.034	0.031
313	10	Bias	20.363	20.505	0.142
314	10	Bias	20.458	20.581	0.123
315	10	Bias	20.679	20.824	0.145
316	10	Bias	20.052	20.223	0.171
317	10	Bias	20.591	20.739	0.148
318	10	Unbiased	20.385	20.495	0.11
319	10	Unbiased	20.561	20.669	0.108
320	10	Unbiased	20.502	20.596	0.094
321	10	Unbiased	20.469	20.641	0.172
322	10	Unbiased	20.447	20.576	0.129
323	30	Bias	20.436	20.83	0.394
324	30	Bias	20.301	20.686	0.385
325	30	Bias	20.489	20.944	0.455
326	30	Bias	20.149	20.586	0.437
327	30	Bias	20.507	20.925	0.418
328	30	Unbiased	20.34	20.695	0.355
329	30	Unbiased	20.43	20.752	0.322
330	30	Unbiased	20.165	20.581	0.416
331	30	Unbiased	20.406	20.819	0.413
332	30	Unbiased	20.492	20.886	0.394
333	50	Bias	19.998	20.64	0.642
334	50	Bias	20.5	21.154	0.654
335	50	Bias	20.507	21.27	0.763
336	50	Bias	20.402	21.138	0.736
337	50	Bias	20.702	21.43	0.728
338	50	Unbiased	20.068	20.672	0.604
339	50	Unbiased	20.382	21.099	0.717
340	50	Unbiased	20.351	21.146	0.795
341	50	Unbiased	20.164	20.949	0.785
342	50	Unbiased	20.275	21.046	0.771
343	100	Bias	20.194	21.534	1.34
344	100	Bias	20.311	21.686	1.375
345	100	Bias	20.155	21.632	1.477
346	100	Bias	20.711	22.178	1.467
347	100	Bias	20.478	21.869	1.391
348	100	Unbiased	20.257	21.586	1.329
349	100	Unbiased	20.242	21.533	1.291
350	100	Unbiased	20.307	21.76	1.453
351	100	Unbiased	20.498	21.965	1.467
352	100	Unbiased	20.059	21.436	1.377

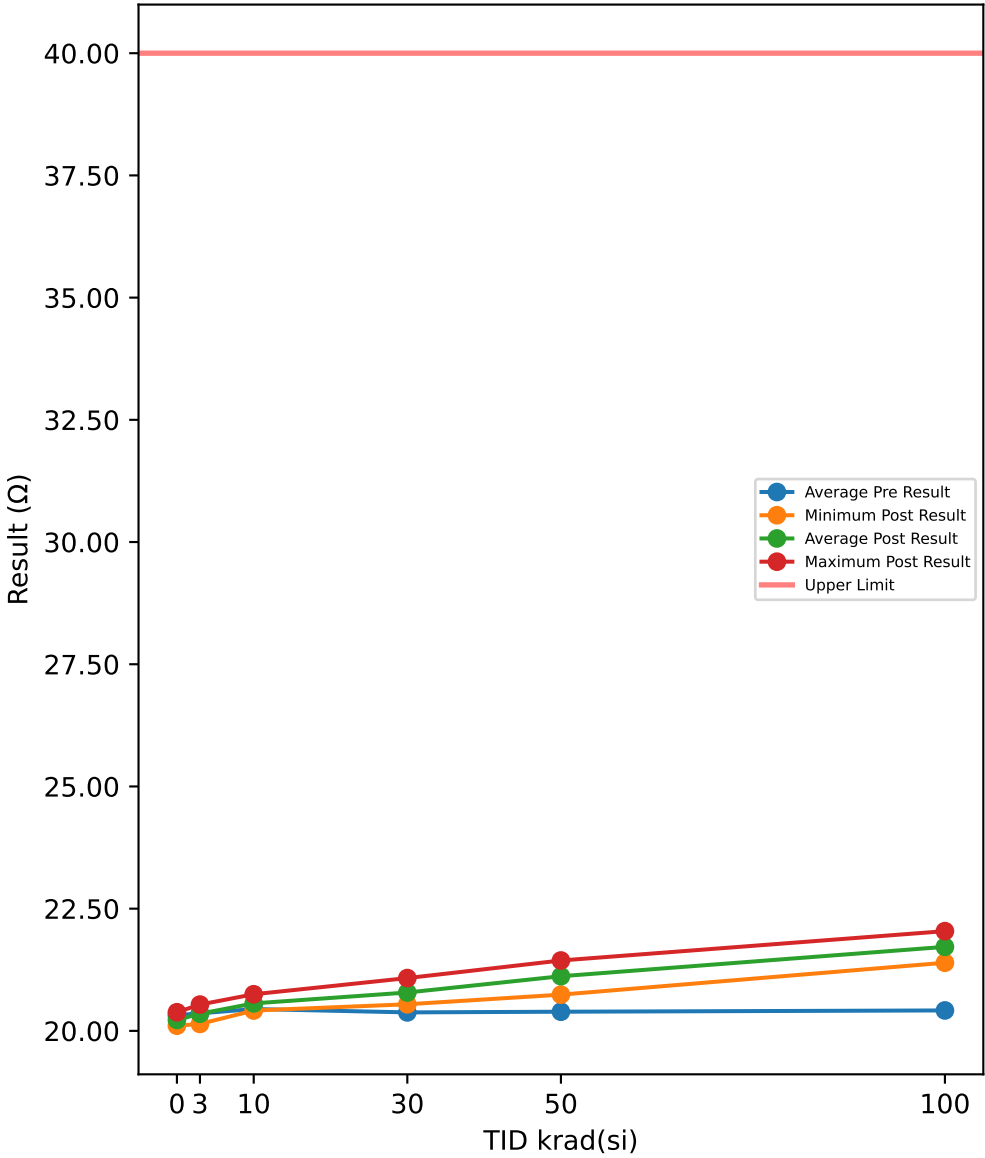
TID vs Post - Pre Exposure Delta



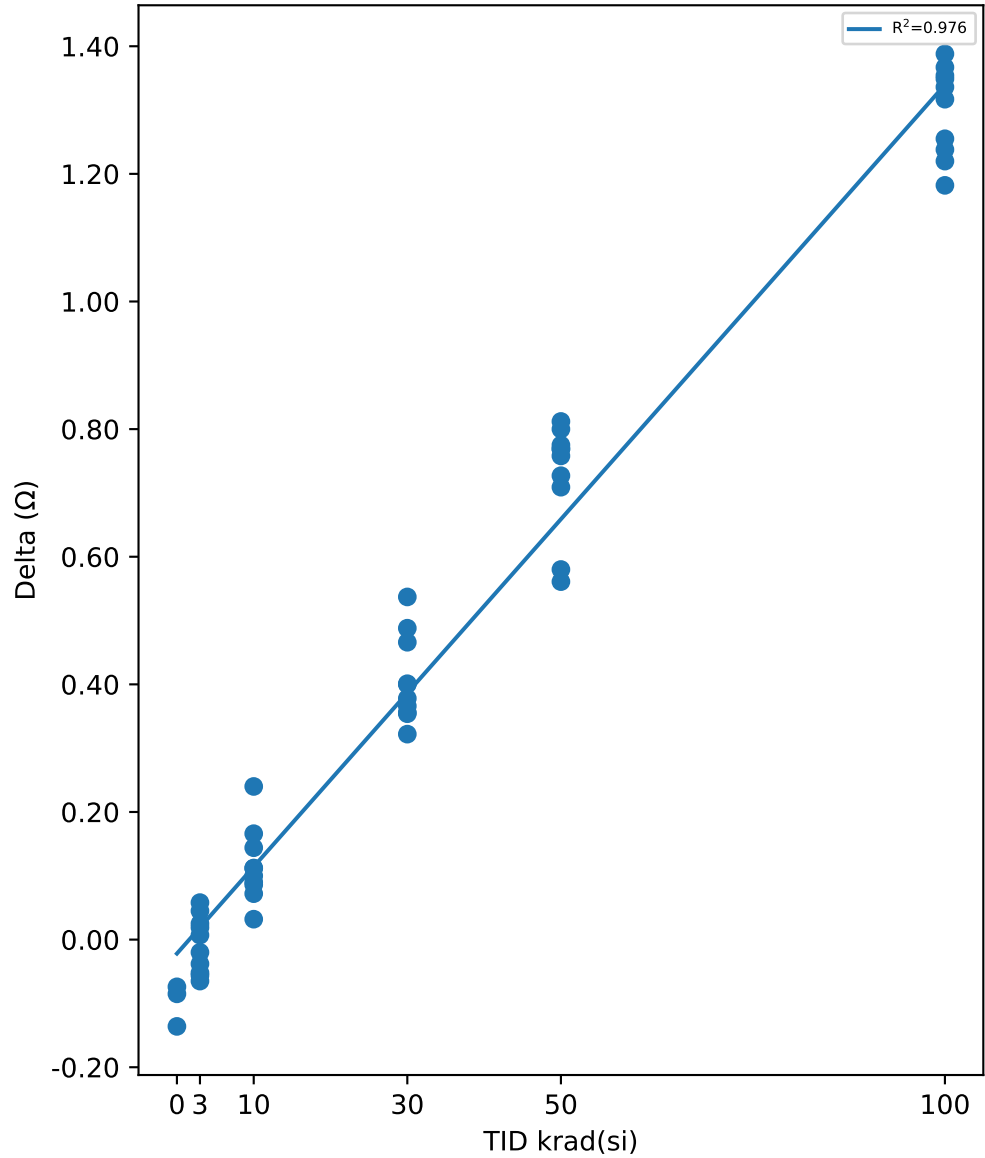
Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.951	20.282	20.534	0.29942	19.852	20.181	20.467	0.30975	-0.137	-0.101	-0.067	0.035043
3	19.971	20.31	20.506	0.18605	20.017	20.368	20.562	0.19044	0.031	0.0576	0.093	0.02093
10	20.052	20.451	20.679	0.1693	20.223	20.585	20.824	0.1622	0.094	0.1342	0.172	0.026229
30	20.149	20.372	20.507	0.13063	20.581	20.77	20.944	0.1318	0.322	0.3989	0.455	0.038783
50	19.998	20.335	20.702	0.21503	20.64	21.054	21.43	0.24585	0.604	0.7195	0.795	0.065424
100	20.059	20.321	20.711	0.19179	21.436	21.718	22.178	0.22867	1.291	1.3967	1.477	0.066135

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (Ω))

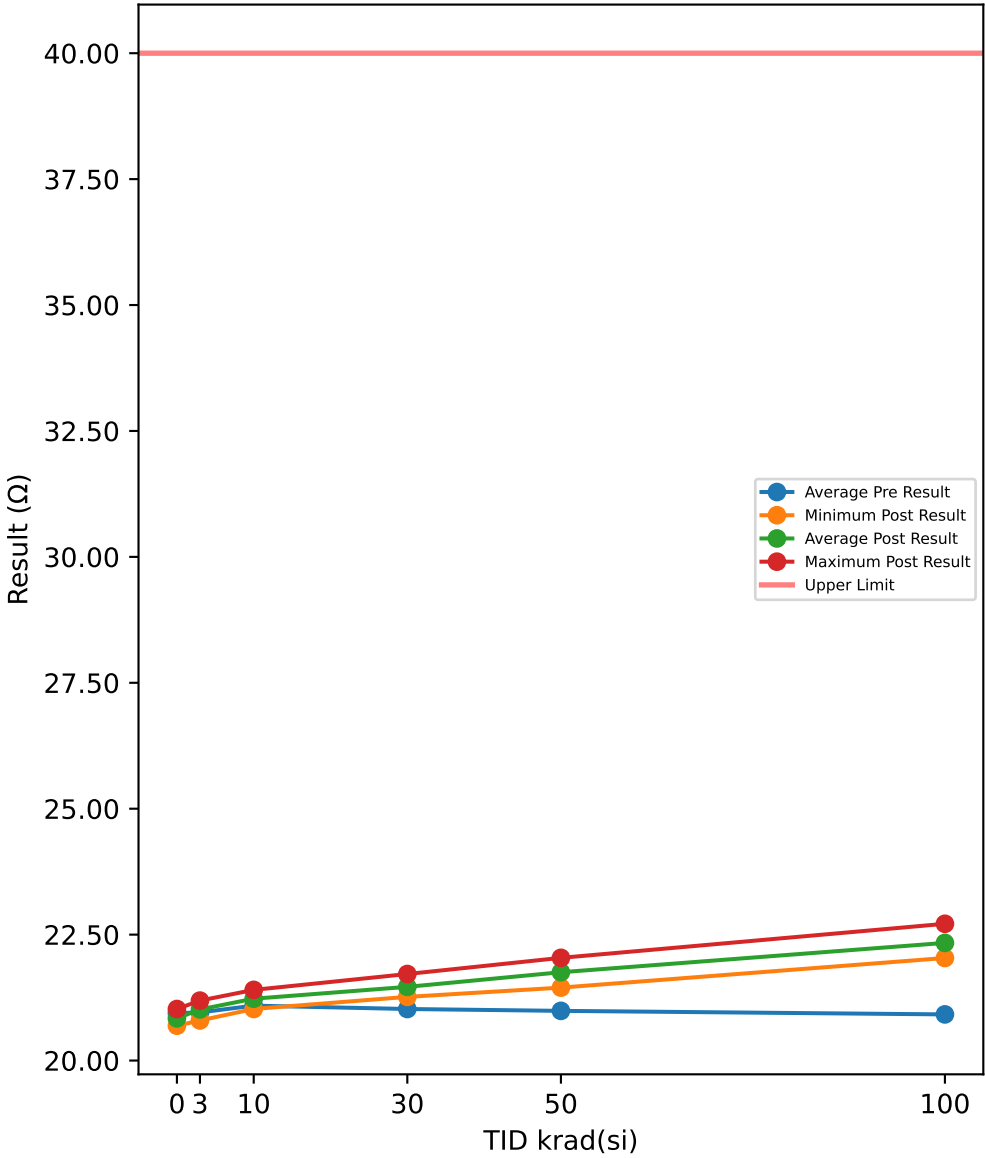
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.319	20.183	-0.136
301	0	Correlation	20.191	20.106	-0.085
302	0	Correlation	20.455	20.381	-0.074
303	3	Bias	20.468	20.412	-0.056
304	3	Bias	20.478	20.426	-0.052
305	3	Bias	20.222	20.229	0.007
306	3	Bias	20.396	20.376	-0.02
307	3	Bias	20.603	20.538	-0.065
308	3	Unbiased	20.338	20.3	-0.038
309	3	Unbiased	20.357	20.415	0.058
310	3	Unbiased	20.429	20.474	0.045
311	3	Unbiased	20.117	20.142	0.025
312	3	Unbiased	20.178	20.197	0.019
313	10	Bias	20.304	20.416	0.112
314	10	Bias	20.354	20.454	0.1
315	10	Bias	20.491	20.657	0.166
316	10	Bias	20.327	20.439	0.112
317	10	Bias	20.435	20.579	0.144
318	10	Unbiased	20.407	20.497	0.09
319	10	Unbiased	20.5	20.572	0.072
320	10	Unbiased	20.606	20.638	0.032
321	10	Unbiased	20.509	20.749	0.24
322	10	Unbiased	20.534	20.62	0.086
323	30	Bias	20.389	20.789	0.4
324	30	Bias	20.29	20.644	0.354
325	30	Bias	20.543	21.08	0.537
326	30	Bias	20.263	20.641	0.378
327	30	Bias	20.393	20.794	0.401
328	30	Unbiased	20.304	20.626	0.322
329	30	Unbiased	20.453	20.819	0.366
330	30	Unbiased	20.188	20.544	0.356
331	30	Unbiased	20.428	20.894	0.466
332	30	Unbiased	20.53	21.018	0.488
333	50	Bias	20.161	20.741	0.58
334	50	Bias	20.649	21.358	0.709
335	50	Bias	20.461	21.273	0.812
336	50	Bias	20.381	21.181	0.8
337	50	Bias	20.665	21.44	0.775
338	50	Unbiased	20.256	20.817	0.561
339	50	Unbiased	20.288	21.015	0.727
340	50	Unbiased	20.481	21.25	0.769
341	50	Unbiased	20.233	20.991	0.758
342	50	Unbiased	20.344	21.113	0.769
343	100	Bias	20.314	21.569	1.255
344	100	Bias	20.401	21.639	1.238
345	100	Bias	20.318	21.706	1.388
346	100	Bias	20.673	22.04	1.367
347	100	Bias	20.494	21.811	1.317
348	100	Unbiased	20.432	21.652	1.22
349	100	Unbiased	20.396	21.578	1.182
350	100	Unbiased	20.433	21.787	1.354
351	100	Unbiased	20.662	22.011	1.349
352	100	Unbiased	20.058	21.394	1.336

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.191	20.322	20.455	0.13202	20.106	20.223	20.381	0.14187	-0.136	-0.098333	-0.074	0.033081
3	20.117	20.359	20.603	0.14996	20.142	20.351	20.538	0.12869	-0.065	-0.0077	0.058	0.044397
10	20.304	20.447	20.606	0.098138	20.416	20.562	20.749	0.10845	0.032	0.1154	0.24	0.057264
30	20.188	20.378	20.543	0.11612	20.544	20.785	21.08	0.17589	0.322	0.4068	0.537	0.068462
50	20.161	20.392	20.665	0.17115	20.741	21.118	21.44	0.22759	0.561	0.726	0.812	0.087449
100	20.058	20.418	20.673	0.177	21.394	21.719	22.04	0.20013	1.182	1.3006	1.388	0.070965

Device Test: 18.11 ; WDO_RPMOS_LOW_V

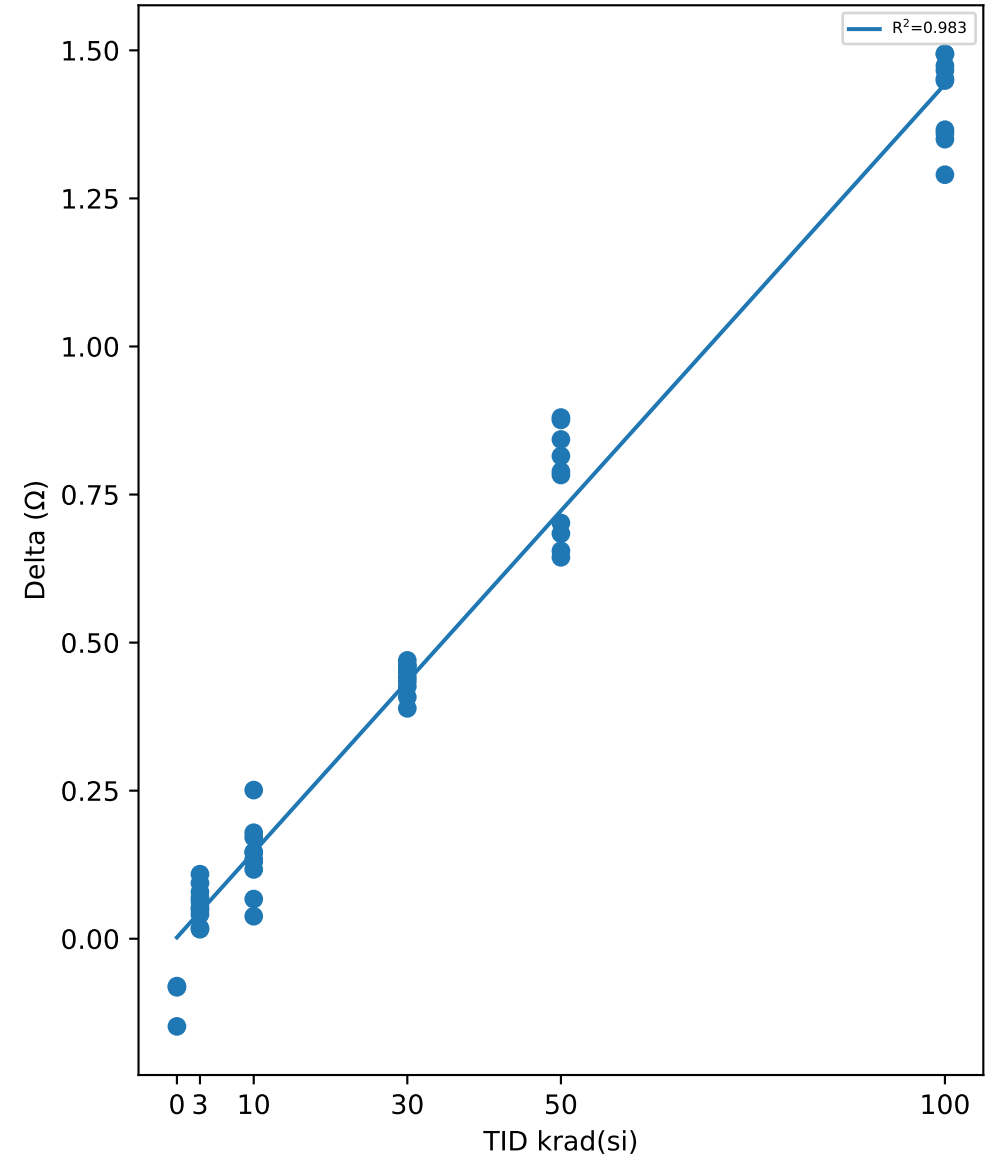
TID vs Result Stats



Test Results (Upper Limit = 40.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.945	20.797	-0.148
301	0	Correlation	20.774	20.692	-0.082
302	0	Correlation	21.103	21.023	-0.08
303	3	Bias	21.087	21.136	0.049
304	3	Bias	21.038	21.147	0.109
305	3	Bias	20.804	20.898	0.094
306	3	Bias	20.881	20.934	0.053
307	3	Bias	21.111	21.19	0.079
308	3	Unbiased	20.933	21.002	0.069
309	3	Unbiased	21.025	21.088	0.063
310	3	Unbiased	21.088	21.129	0.041
311	3	Unbiased	20.78	20.796	0.016
312	3	Unbiased	20.809	20.827	0.018
313	10	Bias	20.946	21.076	0.13
314	10	Bias	20.985	21.131	0.146
315	10	Bias	21.232	21.403	0.171
316	10	Bias	20.878	21.024	0.146
317	10	Bias	21.133	21.312	0.179
318	10	Unbiased	21.062	21.179	0.117
319	10	Unbiased	21.141	21.208	0.067
320	10	Unbiased	21.215	21.253	0.038
321	10	Unbiased	21.105	21.356	0.251
322	10	Unbiased	21.203	21.337	0.134
323	30	Bias	21.05	21.503	0.453
324	30	Bias	20.892	21.327	0.435
325	30	Bias	21.257	21.718	0.461
326	30	Bias	20.859	21.32	0.461
327	30	Bias	21.062	21.513	0.451
328	30	Unbiased	20.99	21.398	0.408
329	30	Unbiased	21.025	21.414	0.389
330	30	Unbiased	20.838	21.264	0.426
331	30	Unbiased	21.063	21.533	0.47
332	30	Unbiased	21.198	21.64	0.442
333	50	Bias	20.764	21.448	0.684
334	50	Bias	21.235	21.89	0.655
335	50	Bias	21.148	21.931	0.783
336	50	Bias	21.015	21.804	0.789
337	50	Bias	21.337	22.039	0.702
338	50	Unbiased	20.841	21.485	0.644
339	50	Unbiased	20.819	21.634	0.815
340	50	Unbiased	21	21.876	0.876
341	50	Unbiased	20.765	21.645	0.88
342	50	Unbiased	20.94	21.783	0.843
343	100	Bias	20.822	22.182	1.36
344	100	Bias	20.89	22.256	1.366
345	100	Bias	20.812	22.306	1.494
346	100	Bias	21.221	22.715	1.494
347	100	Bias	20.946	22.398	1.452
348	100	Unbiased	20.999	22.349	1.35
349	100	Unbiased	20.833	22.123	1.29
350	100	Unbiased	20.941	22.407	1.466
351	100	Unbiased	21.111	22.585	1.474
352	100	Unbiased	20.587	22.036	1.449

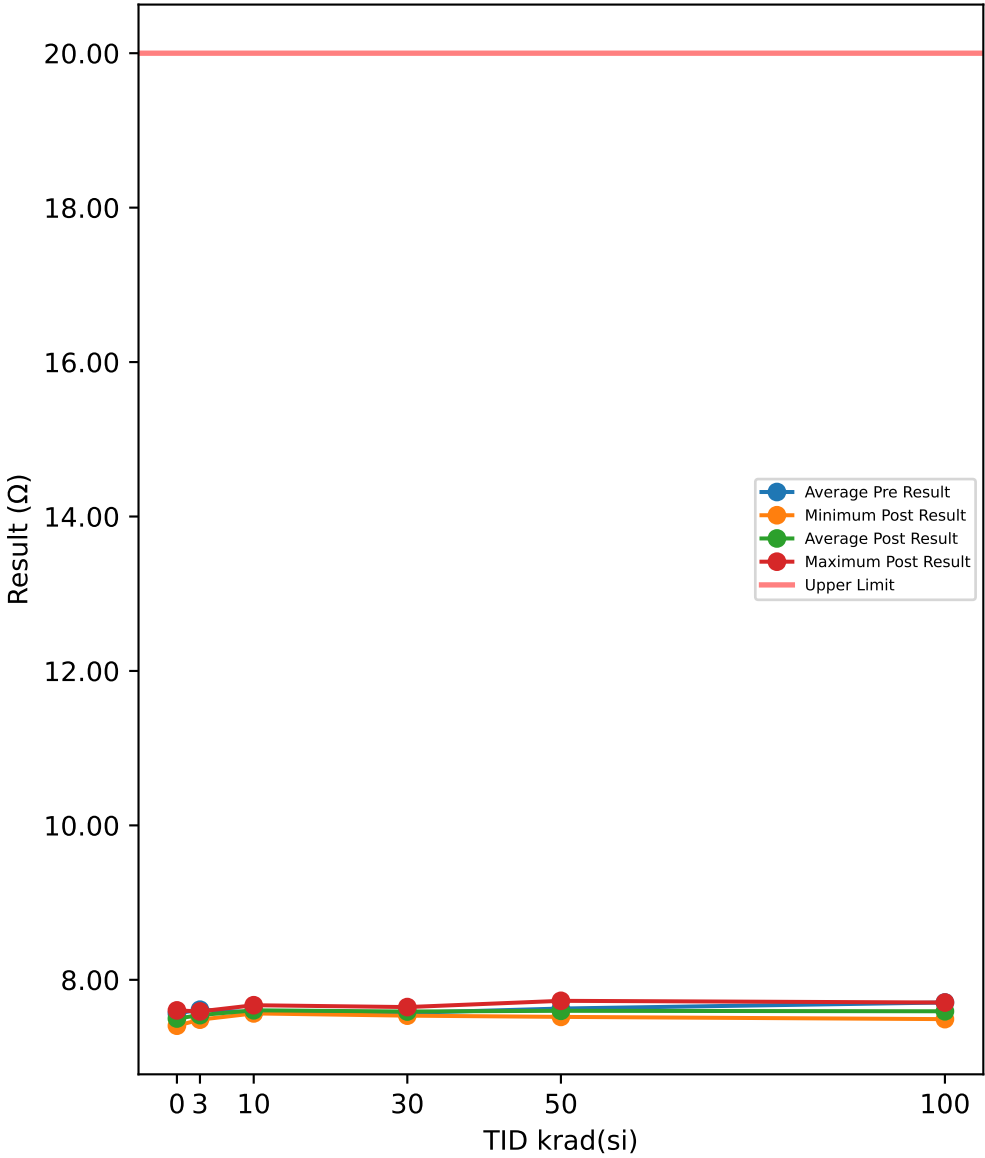
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.774	20.941	21.103	0.16454	20.692	20.837	21.023	0.16915	-0.148	-0.10333	-0.08	0.038695
3	20.78	20.956	21.111	0.12993	20.796	21.015	21.19	0.14327	0.016	0.0591	0.109	0.030241
10	20.878	21.09	21.232	0.12052	21.024	21.228	21.403	0.12627	0.038	0.1379	0.251	0.058906
30	20.838	21.023	21.257	0.13687	21.264	21.463	21.718	0.1455	0.389	0.4396	0.47	0.025648
50	20.764	20.986	21.337	0.20045	21.448	21.753	22.039	0.19481	0.644	0.7671	0.88	0.089602
100	20.587	20.916	21.221	0.17478	22.036	22.336	22.715	0.20577	1.29	1.4195	1.494	0.071618

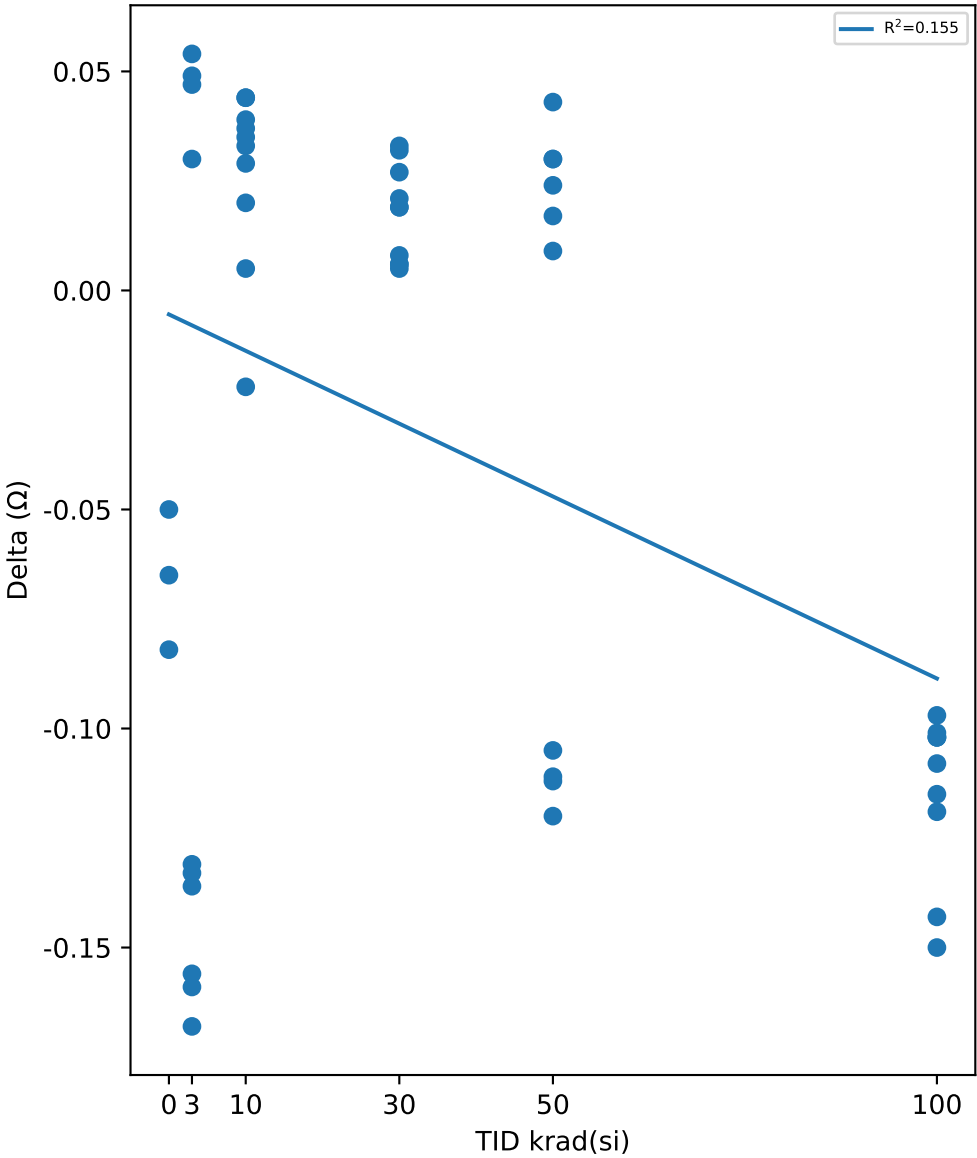
TID vs Result Stats



Test Results (Upper Limit = 20.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	7.569	7.487	-0.082
301	0	Correlation	7.471	7.406	-0.065
302	0	Correlation	7.654	7.604	-0.05
303	3	Bias	7.661	7.493	-0.168
304	3	Bias	7.703	7.572	-0.131
305	3	Bias	7.709	7.553	-0.156
306	3	Bias	7.697	7.538	-0.159
307	3	Bias	7.724	7.591	-0.133
308	3	Unbiased	7.7	7.564	-0.136
309	3	Unbiased	7.518	7.565	0.047
310	3	Unbiased	7.535	7.584	0.049
311	3	Unbiased	7.454	7.484	0.03
312	3	Unbiased	7.43	7.484	0.054
313	10	Bias	7.561	7.605	0.044
314	10	Bias	7.61	7.643	0.033
315	10	Bias	7.627	7.671	0.044
316	10	Bias	7.585	7.622	0.037
317	10	Bias	7.603	7.623	0.02
318	10	Unbiased	7.557	7.586	0.029
319	10	Unbiased	7.537	7.572	0.035
320	10	Unbiased	7.587	7.565	-0.022
321	10	Unbiased	7.559	7.598	0.039
322	10	Unbiased	7.565	7.57	0.005
323	30	Bias	7.597	7.618	0.021
324	30	Bias	7.57	7.589	0.019
325	30	Bias	7.642	7.647	0.005
326	30	Bias	7.503	7.536	0.033
327	30	Bias	7.585	7.591	0.006
328	30	Unbiased	7.572	7.58	0.008
329	30	Unbiased	7.574	7.58	0.006
330	30	Unbiased	7.587	7.606	0.019
331	30	Unbiased	7.533	7.565	0.032
332	30	Unbiased	7.557	7.584	0.027
333	50	Bias	7.558	7.567	0.009
334	50	Bias	7.655	7.672	0.017
335	50	Bias	7.521	7.564	0.043
336	50	Bias	7.518	7.548	0.03
337	50	Bias	7.698	7.728	0.03
338	50	Unbiased	7.541	7.565	0.024
339	50	Unbiased	7.687	7.582	-0.105
340	50	Unbiased	7.745	7.633	-0.112
341	50	Unbiased	7.64	7.52	-0.12
342	50	Unbiased	7.719	7.608	-0.111
343	100	Bias	7.681	7.566	-0.115
344	100	Bias	7.737	7.587	-0.15
345	100	Bias	7.649	7.541	-0.108
346	100	Bias	7.788	7.645	-0.143
347	100	Bias	7.727	7.625	-0.102
348	100	Unbiased	7.678	7.576	-0.102
349	100	Unbiased	7.728	7.626	-0.102
350	100	Unbiased	7.683	7.564	-0.119
351	100	Unbiased	7.803	7.706	-0.097
352	100	Unbiased	7.592	7.491	-0.101

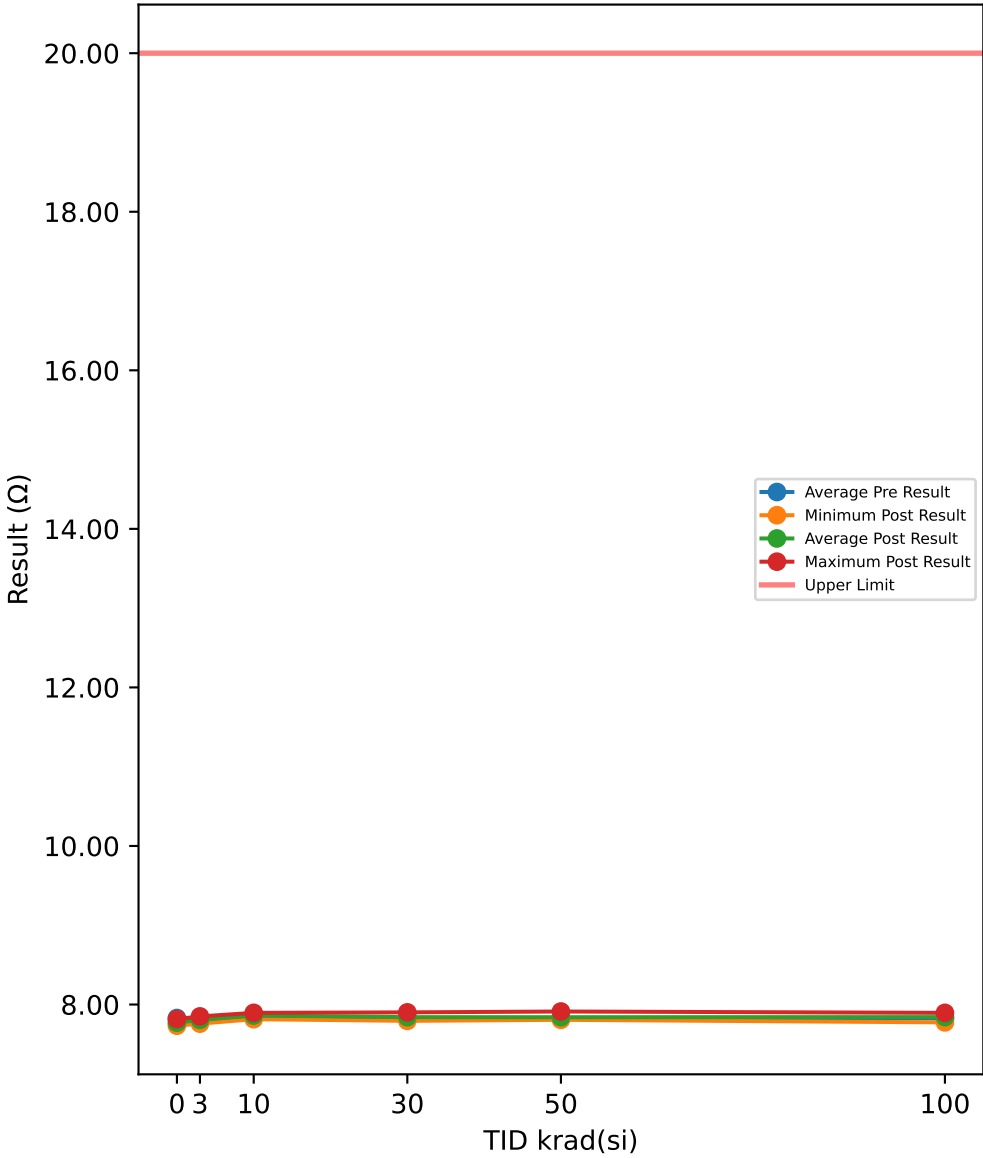
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.471	7.5647	7.654	0.091577	7.406	7.499	7.604	0.099544	-0.082	-0.065667	-0.05	0.01601
3	7.43	7.6131	7.724	0.11568	7.484	7.5428	7.591	0.041282	-0.168	-0.0703	0.054	0.10011
10	7.537	7.5791	7.627	0.028105	7.565	7.6055	7.671	0.034536	-0.022	0.0264	0.044	0.0207
30	7.503	7.572	7.642	0.037169	7.536	7.5896	7.647	0.029938	0.005	0.0176	0.033	0.010895
50	7.518	7.6282	7.745	0.086437	7.52	7.5987	7.728	0.063019	-0.12	-0.0295	0.043	0.071634
100	7.592	7.7066	7.803	0.06342	7.491	7.5927	7.706	0.060174	-0.15	-0.1139	-0.097	0.018526

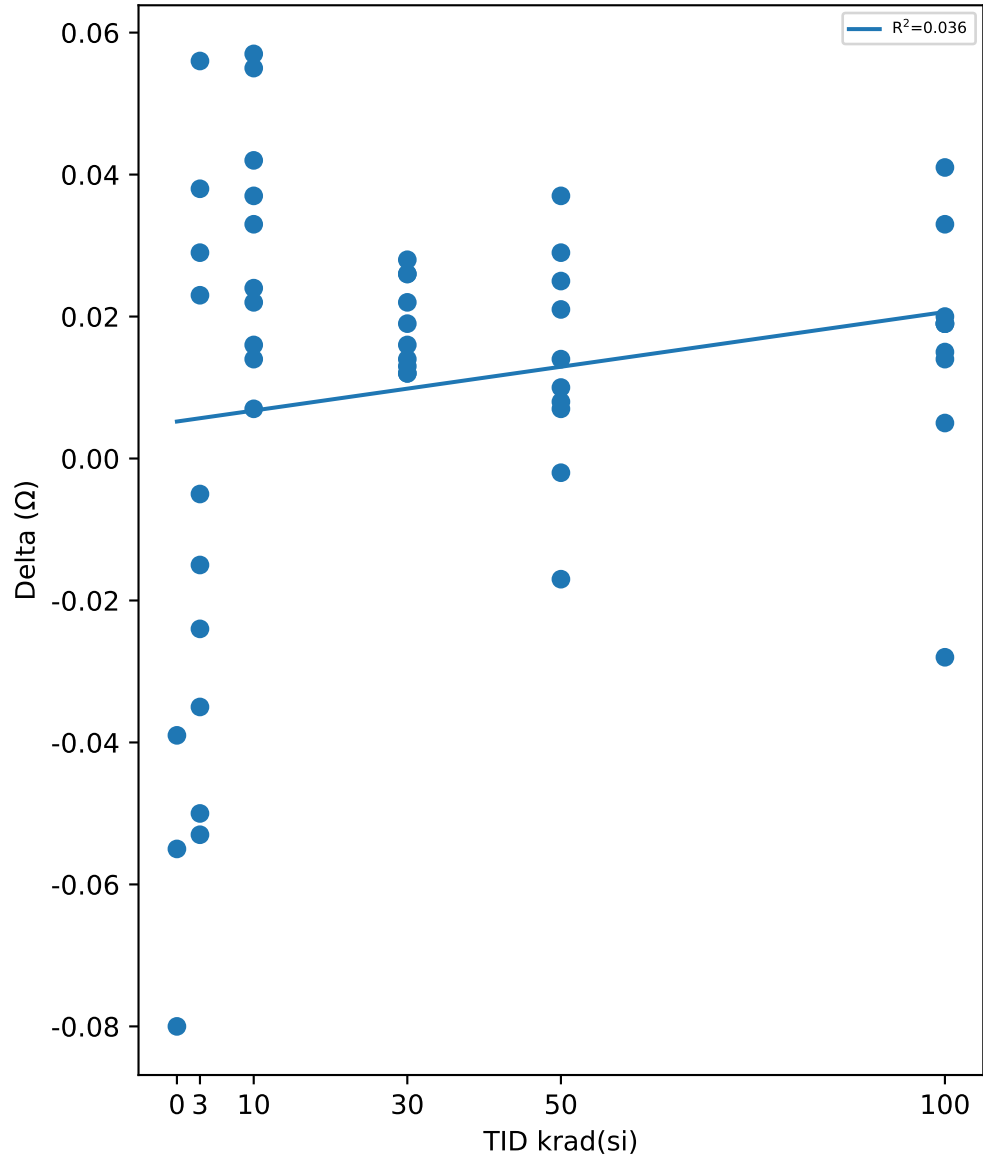
TID vs Result Stats



Test Results (Upper Limit = 20.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	7.846	7.766	-0.08
301	0	Correlation	7.788	7.733	-0.055
302	0	Correlation	7.855	7.816	-0.039
303	3	Bias	7.817	7.767	-0.05
304	3	Bias	7.874	7.85	-0.024
305	3	Bias	7.856	7.803	-0.053
306	3	Bias	7.834	7.799	-0.035
307	3	Bias	7.853	7.848	-0.005
308	3	Unbiased	7.827	7.812	-0.015
309	3	Unbiased	7.777	7.815	0.038
310	3	Unbiased	7.807	7.836	0.029
311	3	Unbiased	7.736	7.759	0.023
312	3	Unbiased	7.722	7.778	0.056
313	10	Bias	7.82	7.875	0.055
314	10	Bias	7.856	7.878	0.022
315	10	Bias	7.871	7.895	0.024
316	10	Bias	7.82	7.877	0.057
317	10	Bias	7.843	7.859	0.016
318	10	Unbiased	7.782	7.815	0.033
319	10	Unbiased	7.824	7.866	0.042
320	10	Unbiased	7.824	7.831	0.007
321	10	Unbiased	7.808	7.845	0.037
322	10	Unbiased	7.857	7.871	0.014
323	30	Bias	7.814	7.833	0.019
324	30	Bias	7.839	7.851	0.012
325	30	Bias	7.841	7.867	0.026
326	30	Bias	7.768	7.794	0.026
327	30	Bias	7.887	7.901	0.014
328	30	Unbiased	7.808	7.821	0.013
329	30	Unbiased	7.84	7.852	0.012
330	30	Unbiased	7.832	7.848	0.016
331	30	Unbiased	7.787	7.815	0.028
332	30	Unbiased	7.803	7.825	0.022
333	50	Bias	7.797	7.811	0.014
334	50	Bias	7.846	7.875	0.029
335	50	Bias	7.787	7.824	0.037
336	50	Bias	7.79	7.811	0.021
337	50	Bias	7.905	7.912	0.007
338	50	Unbiased	7.782	7.807	0.025
339	50	Unbiased	7.834	7.842	0.008
340	50	Unbiased	7.819	7.829	0.01
341	50	Unbiased	7.828	7.826	-0.002
342	50	Unbiased	7.879	7.862	-0.017
343	100	Bias	7.796	7.81	0.014
344	100	Bias	7.823	7.828	0.005
345	100	Bias	7.814	7.834	0.02
346	100	Bias	7.912	7.884	-0.028
347	100	Bias	7.824	7.843	0.019
348	100	Unbiased	7.805	7.838	0.033
349	100	Unbiased	7.858	7.877	0.019
350	100	Unbiased	7.813	7.828	0.015
351	100	Unbiased	7.876	7.895	0.019
352	100	Unbiased	7.734	7.775	0.041

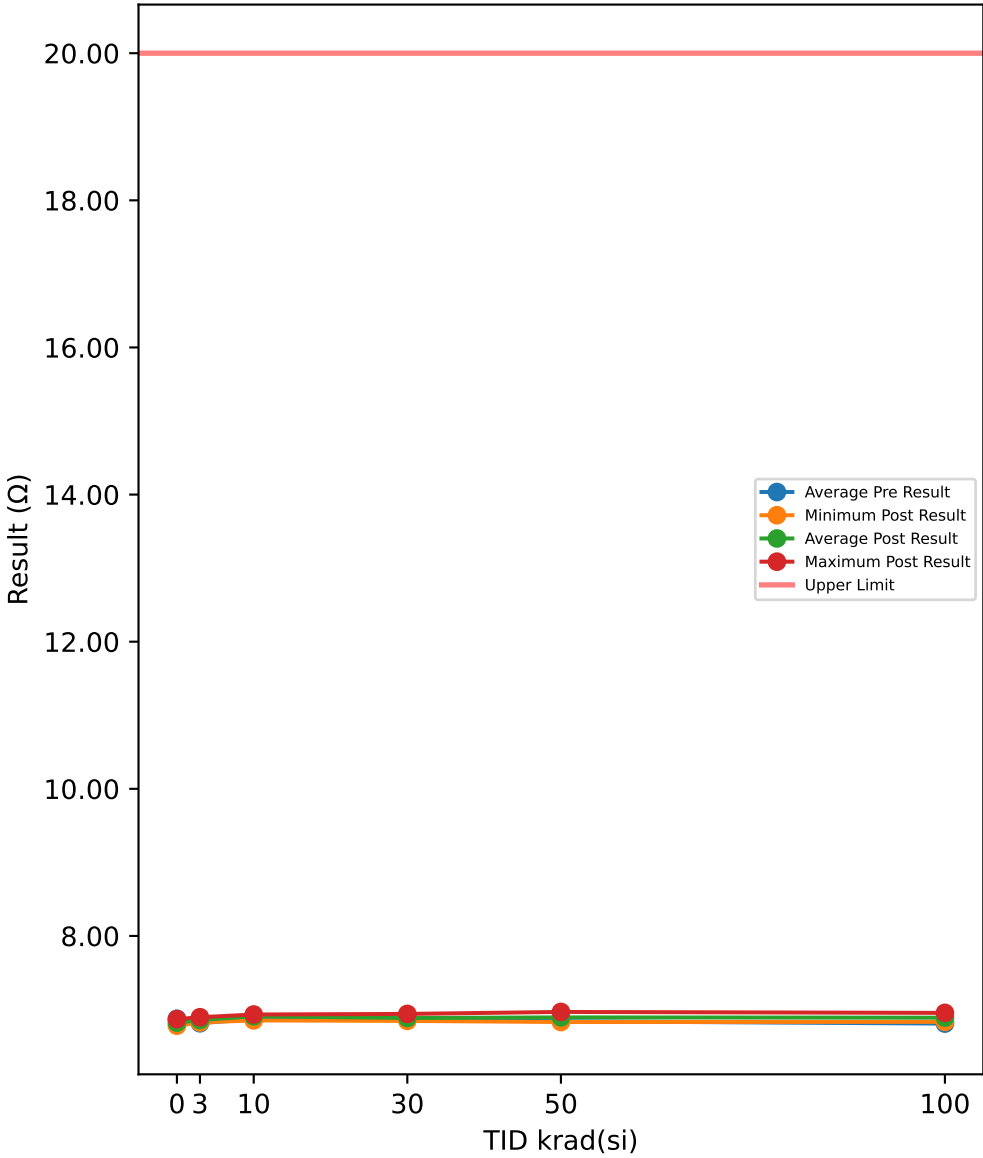
TID vs Post - Pre Exposure Delta



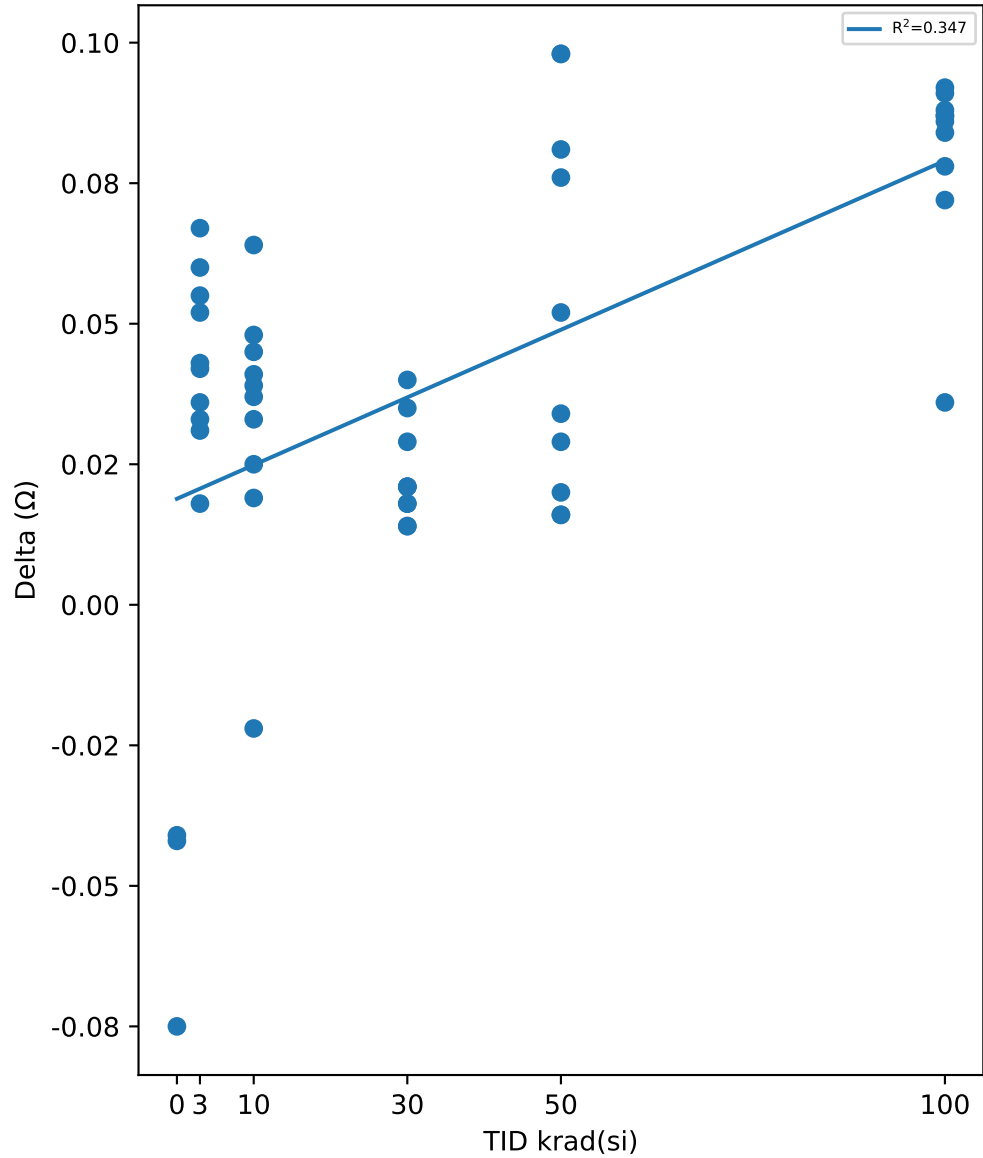
Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.788	7.8297	7.855	0.036364	7.733	7.7717	7.816	0.041789	-0.08	-0.058	-0.039	0.020664
3	7.722	7.8103	7.874	0.050872	7.759	7.8067	7.85	0.032118	-0.053	-0.0036	0.056	0.038269
10	7.782	7.8305	7.871	0.026484	7.815	7.8612	7.895	0.024262	0.007	0.0307	0.057	0.017101
30	7.768	7.8219	7.887	0.033435	7.794	7.8407	7.901	0.030093	0.012	0.0188	0.028	0.0062858
50	7.782	7.8267	7.905	0.041037	7.807	7.8399	7.912	0.033732	-0.017	0.0132	0.037	0.015761
100	7.734	7.8255	7.912	0.04836	7.775	7.8412	7.895	0.036175	-0.028	0.0157	0.041	0.018312

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 20.0 (Ω))

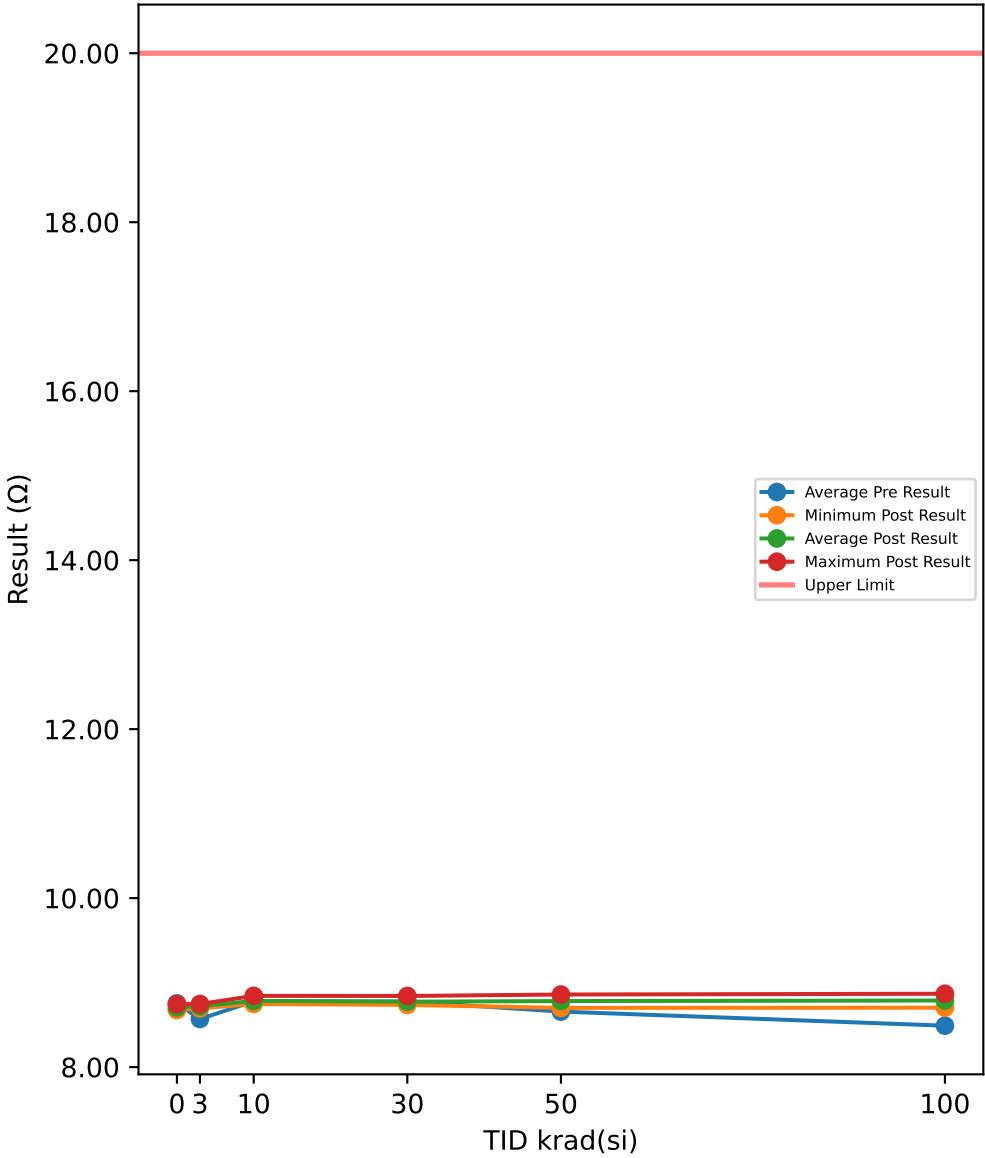
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	6.889	6.814	-0.075
301	0	Correlation	6.821	6.78	-0.041
302	0	Correlation	6.911	6.869	-0.042
303	3	Bias	6.805	6.836	0.031
304	3	Bias	6.822	6.874	0.052
305	3	Bias	6.797	6.839	0.042
306	3	Bias	6.817	6.853	0.036
307	3	Bias	6.84	6.895	0.055
308	3	Unbiased	6.816	6.876	0.06
309	3	Unbiased	6.82	6.853	0.033
310	3	Unbiased	6.835	6.878	0.043
311	3	Unbiased	6.806	6.824	0.018
312	3	Unbiased	6.773	6.84	0.067
313	10	Bias	6.847	6.895	0.048
314	10	Bias	6.868	6.909	0.041
315	10	Bias	6.903	6.928	0.025
316	10	Bias	6.86	6.905	0.045
317	10	Bias	6.902	6.921	0.019
318	10	Unbiased	6.815	6.852	0.037
319	10	Unbiased	6.878	6.917	0.039
320	10	Unbiased	6.909	6.887	-0.022
321	10	Unbiased	6.868	6.932	0.064
322	10	Unbiased	6.894	6.927	0.033
323	30	Bias	6.845	6.866	0.021
324	30	Bias	6.869	6.89	0.021
325	30	Bias	6.9	6.94	0.04
326	30	Bias	6.816	6.845	0.029
327	30	Bias	6.908	6.922	0.014
328	30	Unbiased	6.864	6.882	0.018
329	30	Unbiased	6.865	6.883	0.018
330	30	Unbiased	6.839	6.853	0.014
331	30	Unbiased	6.856	6.877	0.021
332	30	Unbiased	6.853	6.888	0.035
333	50	Bias	6.817	6.833	0.016
334	50	Bias	6.938	6.967	0.029
335	50	Bias	6.852	6.886	0.034
336	50	Bias	6.814	6.83	0.016
337	50	Bias	6.93	6.95	0.02
338	50	Unbiased	6.834	6.886	0.052
339	50	Unbiased	6.797	6.895	0.098
340	50	Unbiased	6.796	6.894	0.098
341	50	Unbiased	6.793	6.874	0.081
342	50	Unbiased	6.837	6.913	0.076
343	100	Bias	6.775	6.853	0.078
344	100	Bias	6.819	6.891	0.072
345	100	Bias	6.77	6.856	0.086
346	100	Bias	6.886	6.922	0.036
347	100	Bias	6.792	6.88	0.088
348	100	Unbiased	6.796	6.887	0.091
349	100	Unbiased	6.85	6.937	0.087
350	100	Unbiased	6.791	6.875	0.084
351	100	Unbiased	6.862	6.954	0.092
352	100	Unbiased	6.745	6.832	0.087

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.821	6.8737	6.911	0.046918	6.78	6.821	6.869	0.044911	-0.075	-0.052667	-0.041	0.019348
3	6.773	6.8131	6.84	0.019255	6.824	6.8568	6.895	0.022876	0.018	0.0437	0.067	0.014922
10	6.815	6.8744	6.909	0.02933	6.852	6.9073	6.932	0.024354	-0.022	0.0329	0.064	0.022927
30	6.816	6.8615	6.908	0.027224	6.845	6.8846	6.94	0.028845	0.014	0.0231	0.04	0.0087743
50	6.793	6.8408	6.938	0.052795	6.83	6.8928	6.967	0.043662	0.016	0.052	0.098	0.033529
100	6.745	6.8086	6.886	0.044811	6.832	6.8887	6.954	0.038782	0.036	0.0801	0.092	0.01661

Device Test: 18.16 ; PWRGD_RPMOS_HIGH_V

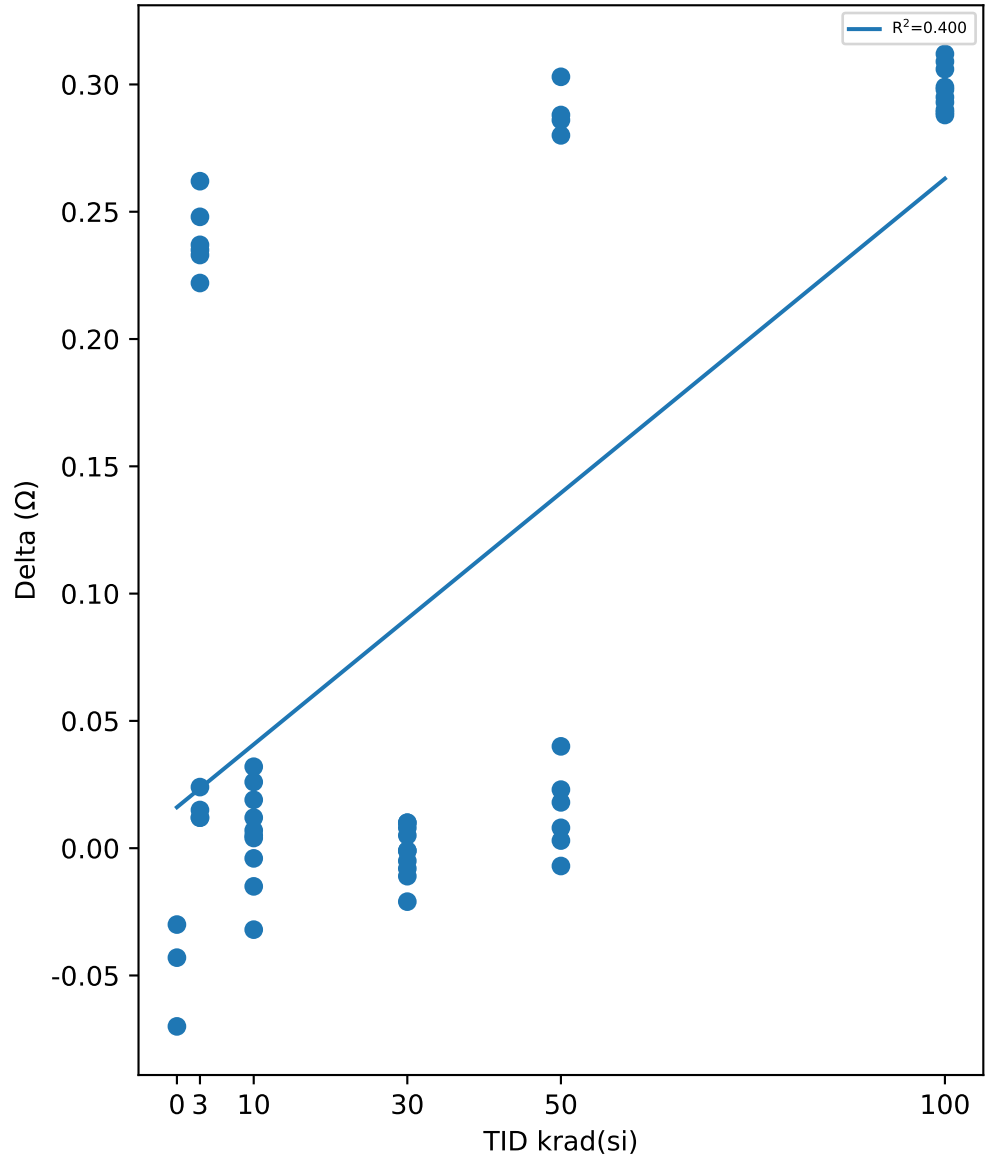
TID vs Result Stats



Test Results (Upper Limit = 20.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	8.745	8.675	-0.07
301	0	Correlation	8.742	8.699	-0.043
302	0	Correlation	8.775	8.745	-0.03
303	3	Bias	8.44	8.702	0.262
304	3	Bias	8.525	8.747	0.222
305	3	Bias	8.467	8.704	0.237
306	3	Bias	8.466	8.699	0.233
307	3	Bias	8.497	8.745	0.248
308	3	Unbiased	8.473	8.708	0.235
309	3	Unbiased	8.726	8.738	0.012
310	3	Unbiased	8.731	8.743	0.012
311	3	Unbiased	8.68	8.695	0.015
312	3	Unbiased	8.693	8.717	0.024
313	10	Bias	8.756	8.752	-0.004
314	10	Bias	8.749	8.754	0.005
315	10	Bias	8.774	8.781	0.007
316	10	Bias	8.858	8.843	-0.015
317	10	Bias	8.782	8.794	0.012
318	10	Unbiased	8.744	8.77	0.026
319	10	Unbiased	8.743	8.747	0.004
320	10	Unbiased	8.8	8.768	-0.032
321	10	Unbiased	8.772	8.804	0.032
322	10	Unbiased	8.806	8.825	0.019
323	30	Bias	8.763	8.773	0.01
324	30	Bias	8.745	8.755	0.01
325	30	Bias	8.796	8.804	0.008
326	30	Bias	8.756	8.751	-0.005
327	30	Bias	8.863	8.842	-0.021
328	30	Unbiased	8.74	8.745	0.005
329	30	Unbiased	8.797	8.789	-0.008
330	30	Unbiased	8.762	8.761	-0.001
331	30	Unbiased	8.747	8.736	-0.011
332	30	Unbiased	8.79	8.789	-0.001
333	50	Bias	8.761	8.764	0.003
334	50	Bias	8.815	8.823	0.008
335	50	Bias	8.74	8.758	0.018
336	50	Bias	8.726	8.749	0.023
337	50	Bias	8.819	8.859	0.04
338	50	Unbiased	8.799	8.792	-0.007
339	50	Unbiased	8.421	8.701	0.28
340	50	Unbiased	8.524	8.81	0.286
341	50	Unbiased	8.46	8.763	0.303
342	50	Unbiased	8.508	8.796	0.288
343	100	Bias	8.45	8.749	0.299
344	100	Bias	8.479	8.767	0.288
345	100	Bias	8.491	8.786	0.295
346	100	Bias	8.514	8.823	0.309
347	100	Bias	8.487	8.793	0.306
348	100	Unbiased	8.48	8.792	0.312
349	100	Unbiased	8.57	8.868	0.298
350	100	Unbiased	8.483	8.773	0.29
351	100	Unbiased	8.537	8.826	0.289
352	100	Unbiased	8.41	8.703	0.293

TID vs Post - Pre Exposure Delta

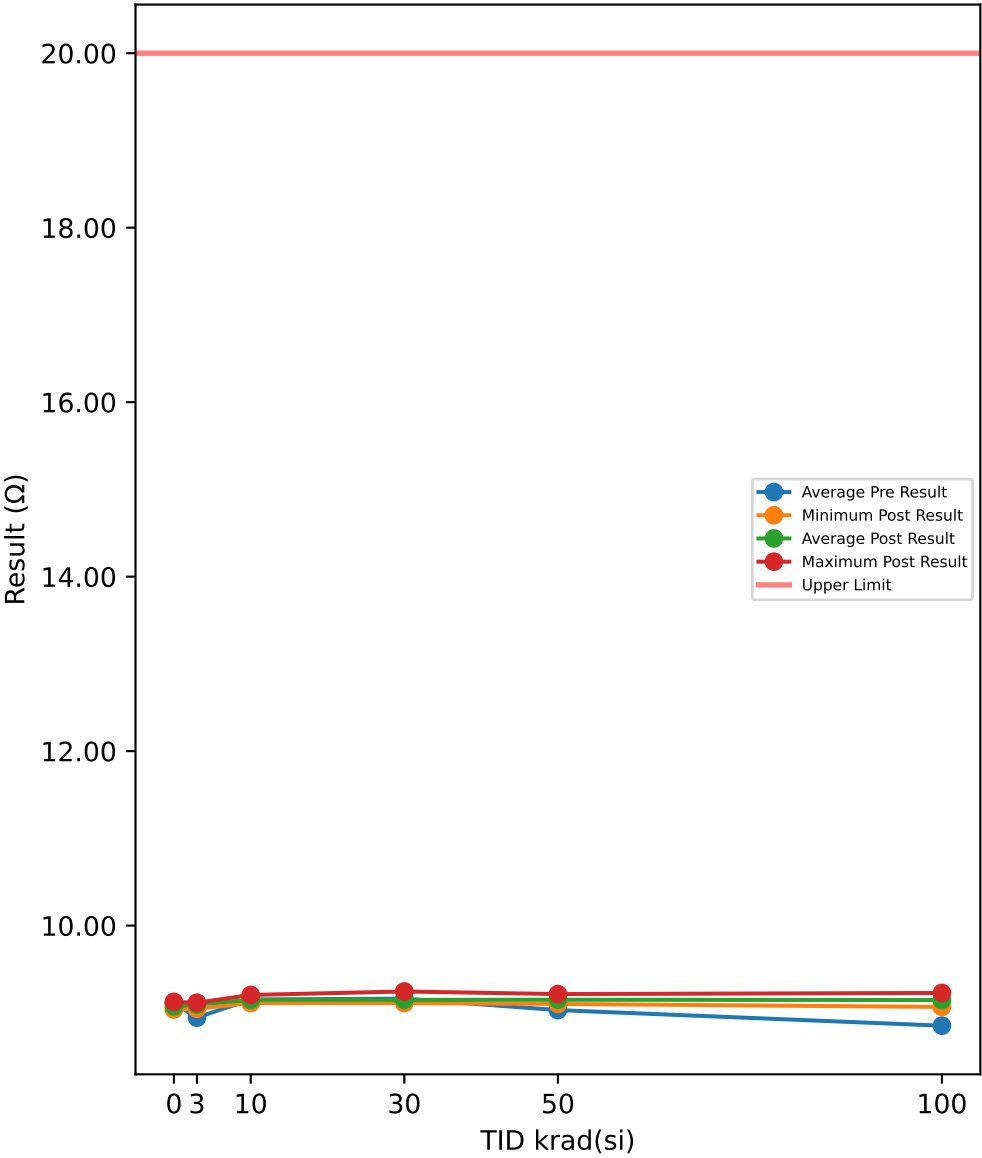


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.742	8.754	8.775	0.018248	8.675	8.7063	8.745	0.035572	-0.07	-0.047667	-0.03	0.020404
3	8.44	8.5698	8.731	0.12137	8.695	8.7198	8.747	0.021097	0.012	0.15	0.262	0.11605
10	8.743	8.7784	8.858	0.035653	8.747	8.7838	8.843	0.032345	-0.032	0.0054	0.032	0.019057
30	8.74	8.7759	8.863	0.037221	8.736	8.7745	8.842	0.032174	-0.021	-0.0014	0.01	0.010124
50	8.421	8.6573	8.819	0.15925	8.701	8.7815	8.859	0.04422	-0.007	0.1242	0.303	0.1427
100	8.41	8.4901	8.57	0.044052	8.703	8.788	8.868	0.04537	0.288	0.2979	0.312	0.0085693

Device Test: 18.17 ; WDO_RPMOS_HIGH_V

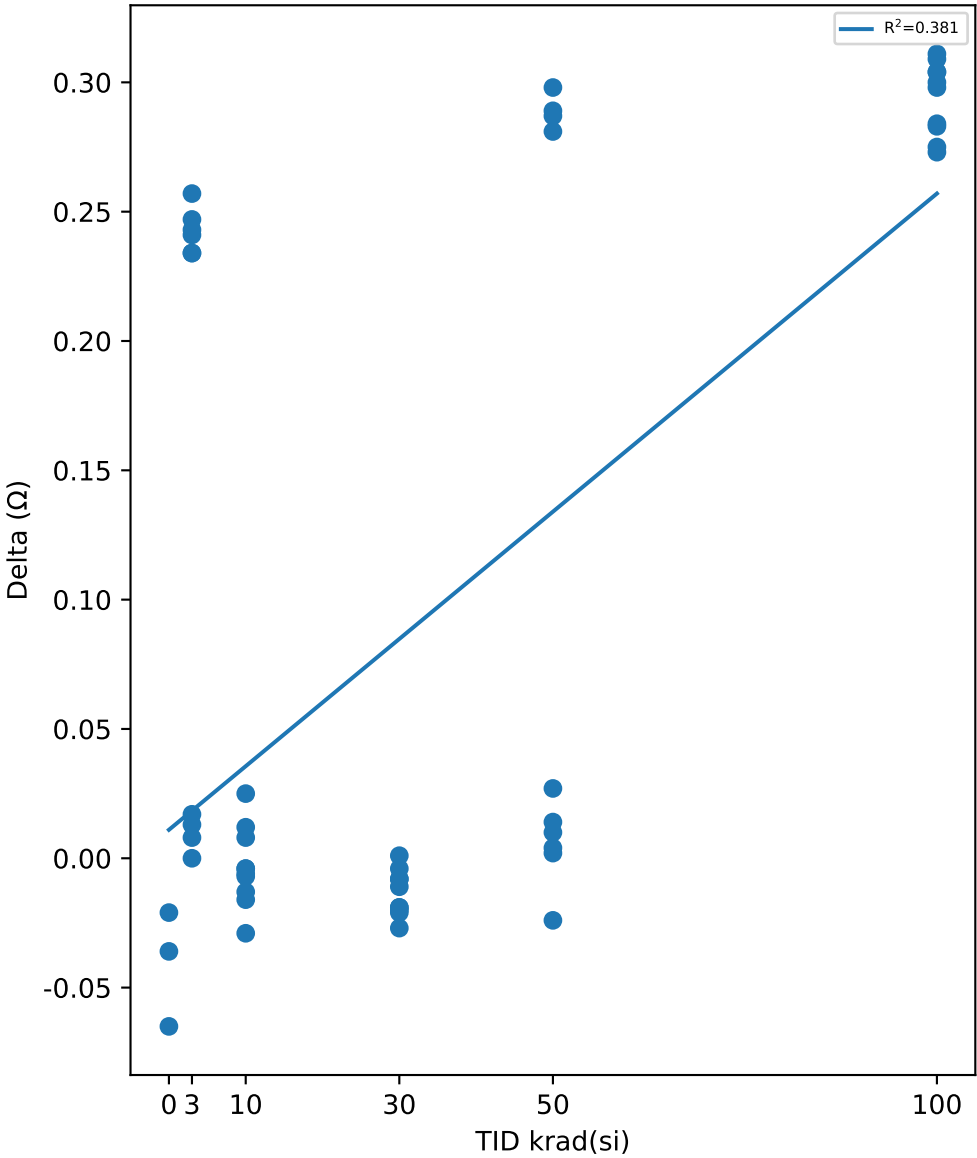
TID vs Result Stats



Test Results (Upper Limit = 20.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	9.103	9.038	-0.065
301	0	Correlation	9.095	9.059	-0.036
302	0	Correlation	9.147	9.126	-0.021
303	3	Bias	8.852	9.109	0.257
304	3	Bias	8.872	9.115	0.243
305	3	Bias	8.849	9.083	0.234
306	3	Bias	8.806	9.047	0.241
307	3	Bias	8.87	9.104	0.234
308	3	Unbiased	8.869	9.116	0.247
309	3	Unbiased	9.103	9.103	0
310	3	Unbiased	9.085	9.093	0.008
311	3	Unbiased	9.074	9.091	0.017
312	3	Unbiased	9.072	9.085	0.013
313	10	Bias	9.127	9.121	-0.006
314	10	Bias	9.132	9.14	0.008
315	10	Bias	9.173	9.166	-0.007
316	10	Bias	9.221	9.205	-0.016
317	10	Bias	9.177	9.173	-0.004
318	10	Unbiased	9.119	9.131	0.012
319	10	Unbiased	9.125	9.112	-0.013
320	10	Unbiased	9.151	9.122	-0.029
321	10	Unbiased	9.127	9.152	0.025
322	10	Unbiased	9.178	9.174	-0.004
323	30	Bias	9.158	9.138	-0.02
324	30	Bias	9.153	9.142	-0.011
325	30	Bias	9.156	9.157	0.001
326	30	Bias	9.127	9.119	-0.008
327	30	Bias	9.272	9.245	-0.027
328	30	Unbiased	9.14	9.119	-0.021
329	30	Unbiased	9.155	9.136	-0.019
330	30	Unbiased	9.167	9.163	-0.004
331	30	Unbiased	9.131	9.112	-0.019
332	30	Unbiased	9.167	9.159	-0.008
333	50	Bias	9.133	9.135	0.002
334	50	Bias	9.162	9.172	0.01
335	50	Bias	9.108	9.122	0.014
336	50	Bias	9.101	9.105	0.004
337	50	Bias	9.188	9.215	0.027
338	50	Unbiased	9.191	9.167	-0.024
339	50	Unbiased	8.813	9.102	0.289
340	50	Unbiased	8.896	9.183	0.287
341	50	Unbiased	8.818	9.116	0.298
342	50	Unbiased	8.903	9.184	0.281
343	100	Bias	8.823	9.127	0.304
344	100	Bias	8.84	9.113	0.273
345	100	Bias	8.836	9.136	0.3
346	100	Bias	8.906	9.181	0.275
347	100	Bias	8.831	9.135	0.304
348	100	Unbiased	8.847	9.158	0.311
349	100	Unbiased	8.945	9.228	0.283
350	100	Unbiased	8.843	9.141	0.298
351	100	Unbiased	8.897	9.181	0.284
352	100	Unbiased	8.759	9.068	0.309

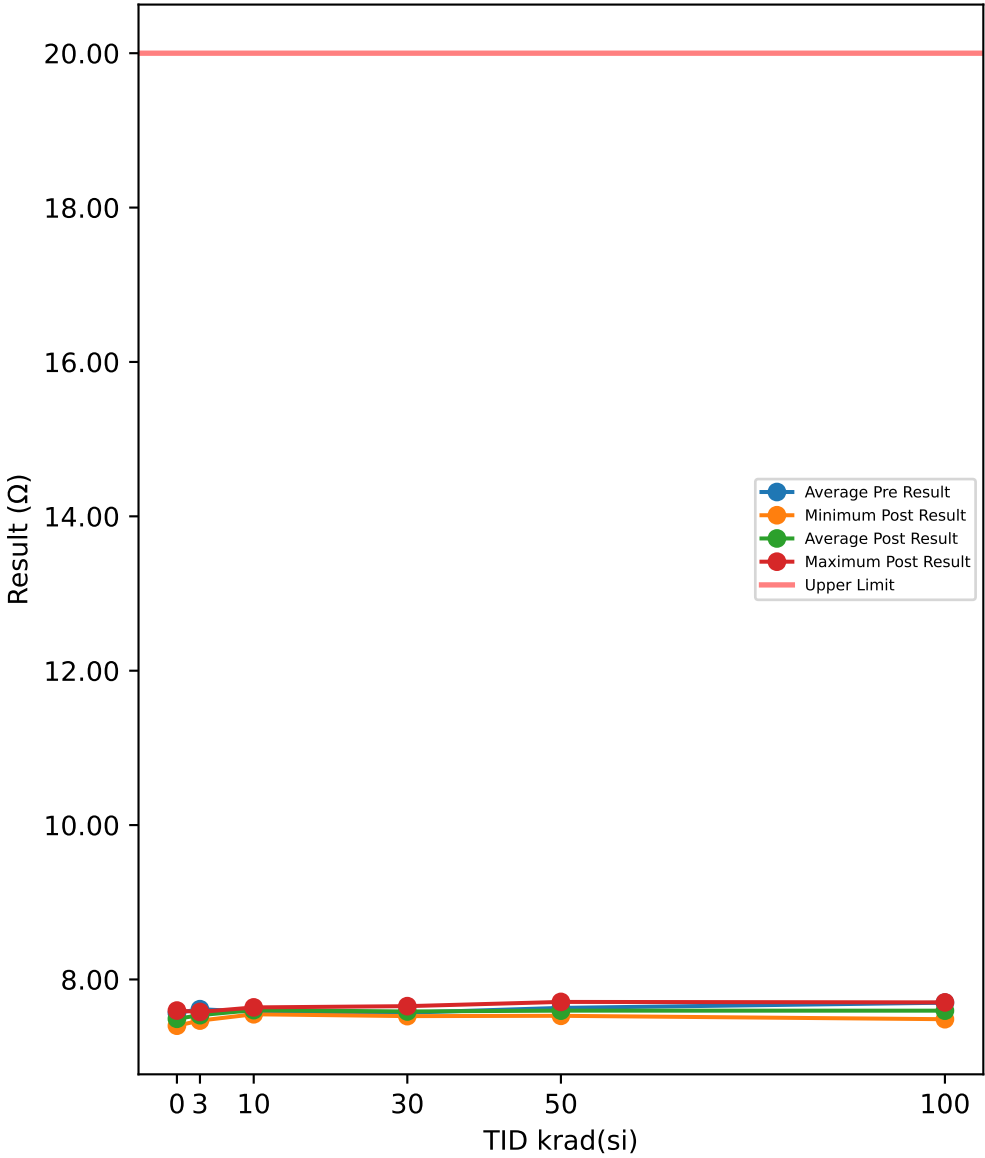
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.095	9.115	9.147	0.028	9.038	9.0743	9.126	0.04596	-0.065	-0.040667	-0.021	0.022368
3	8.806	8.9452	9.103	0.12076	9.047	9.0946	9.116	0.020408	0	0.1494	0.257	0.12065
10	9.119	9.153	9.221	0.03327	9.112	9.1496	9.205	0.029662	-0.029	-0.0034	0.025	0.015277
30	9.127	9.1626	9.272	0.040823	9.112	9.149	9.245	0.038128	-0.027	-0.0136	0.001	0.0088719
50	8.813	9.0313	9.191	0.15497	9.102	9.1501	9.215	0.039068	-0.024	0.1188	0.298	0.14687
100	8.759	8.8527	8.945	0.051664	9.068	9.1468	9.228	0.043578	0.273	0.2941	0.311	0.014098

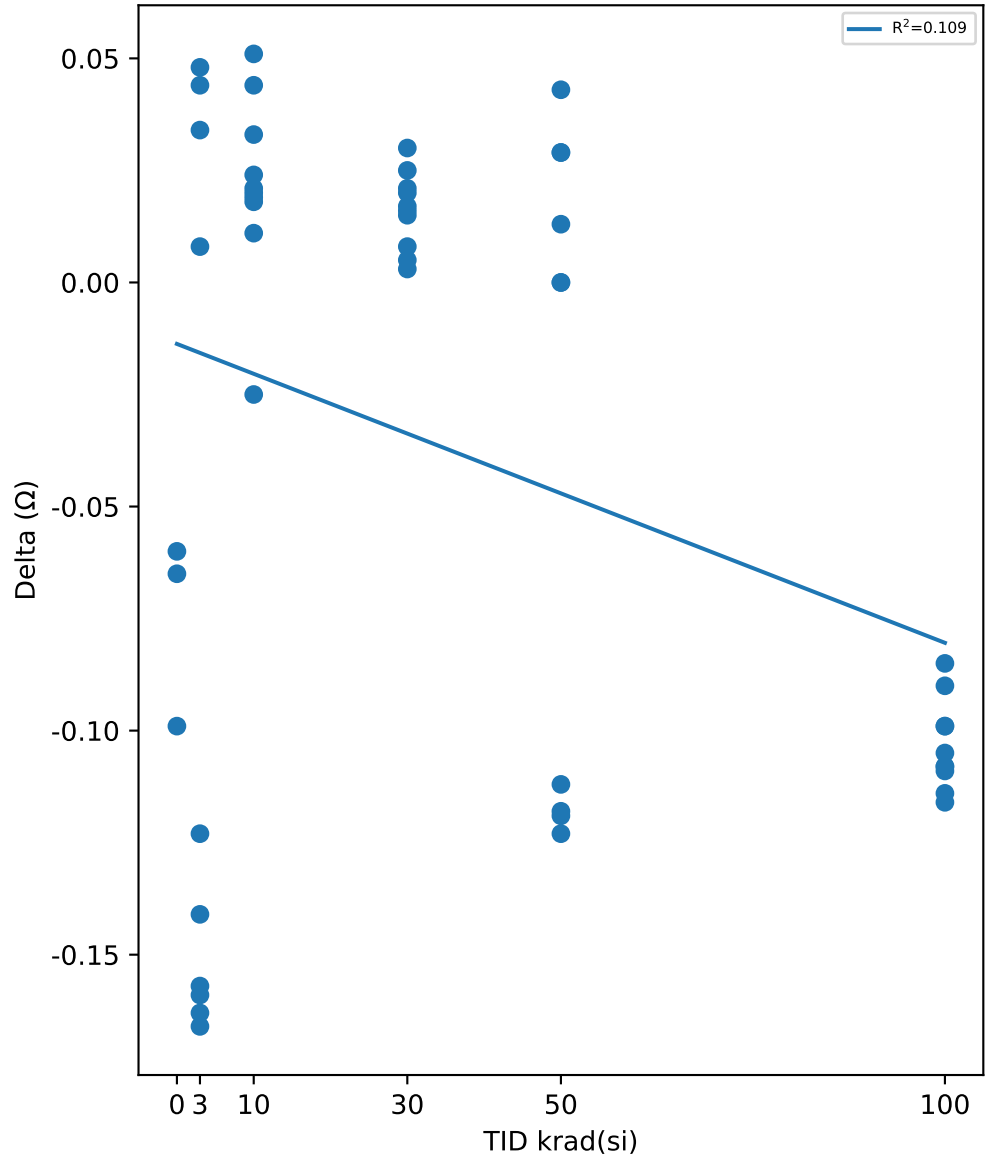
TID vs Result Stats



Test Results (Upper Limit = 20.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	7.573	7.474	-0.099
301	0	Correlation	7.461	7.401	-0.06
302	0	Correlation	7.662	7.597	-0.065
303	3	Bias	7.662	7.503	-0.159
304	3	Bias	7.703	7.562	-0.141
305	3	Bias	7.705	7.548	-0.157
306	3	Bias	7.691	7.525	-0.166
307	3	Bias	7.729	7.566	-0.163
308	3	Unbiased	7.699	7.576	-0.123
309	3	Unbiased	7.525	7.559	0.034
310	3	Unbiased	7.535	7.579	0.044
311	3	Unbiased	7.459	7.467	0.008
312	3	Unbiased	7.441	7.489	0.048
313	10	Bias	7.571	7.615	0.044
314	10	Bias	7.613	7.637	0.024
315	10	Bias	7.627	7.638	0.011
316	10	Bias	7.574	7.625	0.051
317	10	Bias	7.616	7.634	0.018
318	10	Unbiased	7.563	7.596	0.033
319	10	Unbiased	7.53	7.549	0.019
320	10	Unbiased	7.585	7.56	-0.025
321	10	Unbiased	7.569	7.59	0.021
322	10	Unbiased	7.563	7.583	0.02
323	30	Bias	7.585	7.606	0.021
324	30	Bias	7.573	7.578	0.005
325	30	Bias	7.634	7.654	0.02
326	30	Bias	7.51	7.525	0.015
327	30	Bias	7.579	7.604	0.025
328	30	Unbiased	7.553	7.583	0.03
329	30	Unbiased	7.57	7.578	0.008
330	30	Unbiased	7.589	7.592	0.003
331	30	Unbiased	7.535	7.551	0.016
332	30	Unbiased	7.565	7.582	0.017
333	50	Bias	7.562	7.575	0.013
334	50	Bias	7.648	7.648	0
335	50	Bias	7.525	7.554	0.029
336	50	Bias	7.523	7.552	0.029
337	50	Bias	7.709	7.709	0
338	50	Unbiased	7.544	7.587	0.043
339	50	Unbiased	7.697	7.579	-0.118
340	50	Unbiased	7.74	7.628	-0.112
341	50	Unbiased	7.652	7.529	-0.123
342	50	Unbiased	7.717	7.598	-0.119
343	100	Bias	7.678	7.562	-0.116
344	100	Bias	7.695	7.596	-0.099
345	100	Bias	7.665	7.556	-0.109
346	100	Bias	7.762	7.654	-0.108
347	100	Bias	7.73	7.616	-0.114
348	100	Unbiased	7.675	7.57	-0.105
349	100	Unbiased	7.725	7.64	-0.085
350	100	Unbiased	7.673	7.574	-0.099
351	100	Unbiased	7.793	7.703	-0.09
352	100	Unbiased	7.593	7.485	-0.108

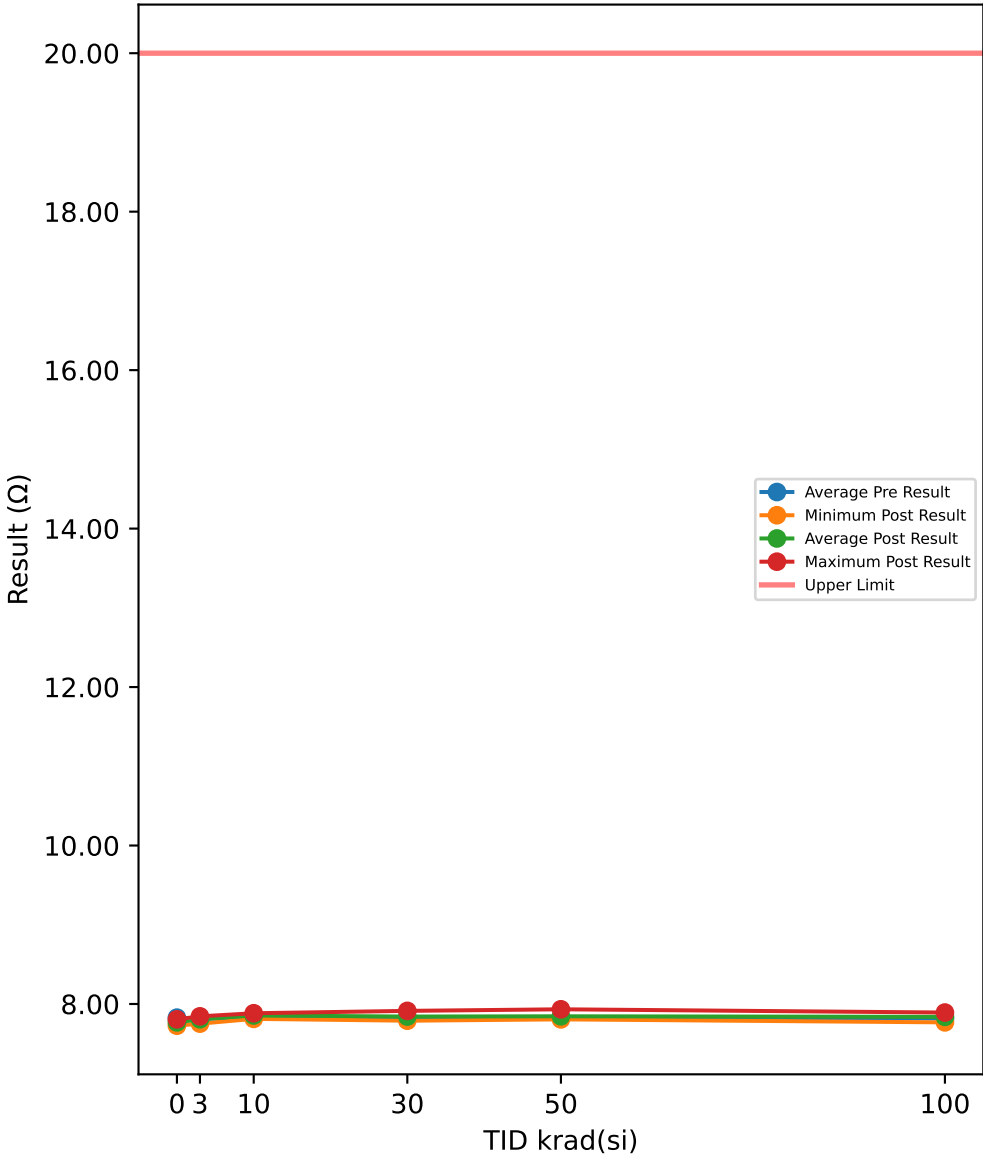
TID vs Post - Pre Exposure Delta



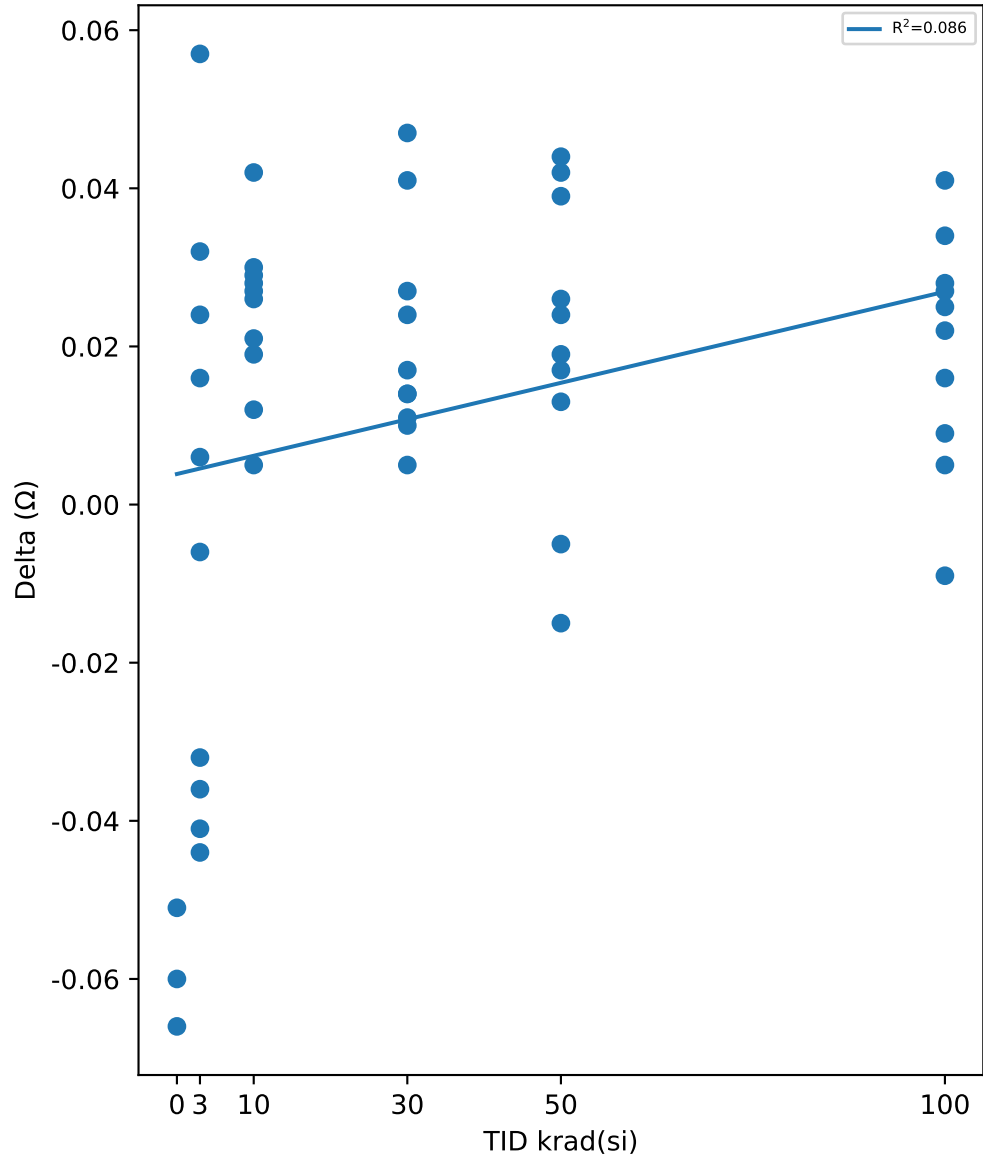
Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.461	7.5653	7.662	0.10072	7.401	7.4907	7.597	0.099057	-0.099	-0.074667	-0.06	0.021221
3	7.441	7.6149	7.729	0.11205	7.467	7.5374	7.579	0.039241	-0.166	-0.0775	0.048	0.096875
10	7.53	7.5811	7.627	0.02967	7.549	7.6027	7.638	0.032235	-0.025	0.0216	0.051	0.020571
30	7.51	7.5693	7.634	0.033176	7.525	7.5853	7.654	0.034121	0.003	0.016	0.03	0.0086538
50	7.523	7.6317	7.74	0.085422	7.529	7.5959	7.709	0.05323	-0.123	-0.0358	0.043	0.071989
100	7.593	7.6989	7.793	0.056315	7.485	7.5956	7.703	0.060905	-0.116	-0.1033	-0.085	0.010023

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 20.0 (Ω))

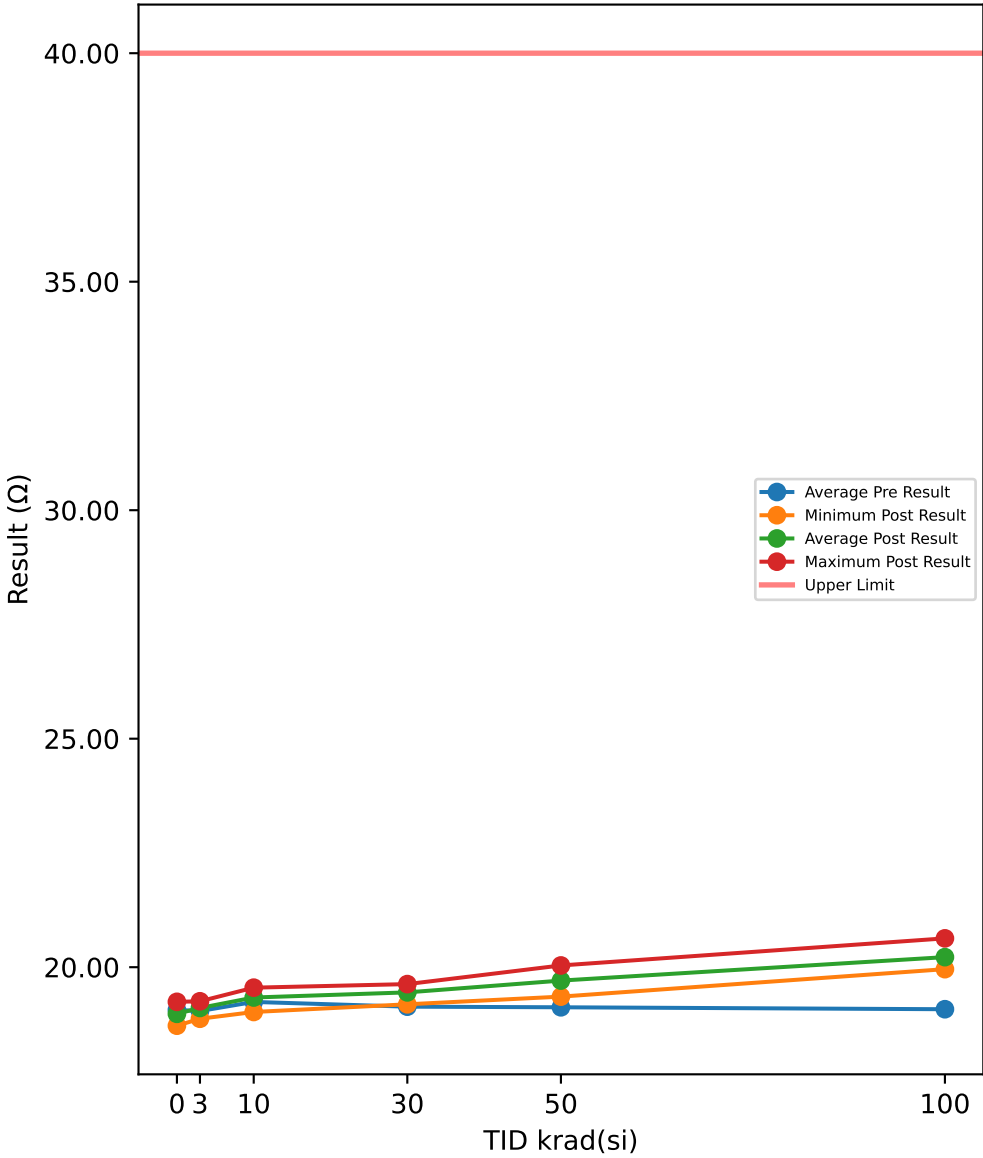
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	7.839	7.773	-0.066
301	0	Correlation	7.777	7.726	-0.051
302	0	Correlation	7.866	7.806	-0.06
303	3	Bias	7.825	7.789	-0.036
304	3	Bias	7.85	7.844	-0.006
305	3	Bias	7.849	7.817	-0.032
306	3	Bias	7.841	7.797	-0.044
307	3	Bias	7.865	7.824	-0.041
308	3	Unbiased	7.823	7.829	0.006
309	3	Unbiased	7.791	7.815	0.024
310	3	Unbiased	7.795	7.827	0.032
311	3	Unbiased	7.736	7.752	0.016
312	3	Unbiased	7.723	7.78	0.057
313	10	Bias	7.838	7.864	0.026
314	10	Bias	7.862	7.883	0.021
315	10	Bias	7.862	7.881	0.019
316	10	Bias	7.825	7.867	0.042
317	10	Bias	7.839	7.868	0.029
318	10	Unbiased	7.785	7.812	0.027
319	10	Unbiased	7.823	7.851	0.028
320	10	Unbiased	7.813	7.818	0.005
321	10	Unbiased	7.812	7.842	0.03
322	10	Unbiased	7.854	7.866	0.012
323	30	Bias	7.816	7.843	0.027
324	30	Bias	7.829	7.846	0.017
325	30	Bias	7.825	7.872	0.047
326	30	Bias	7.775	7.789	0.014
327	30	Bias	7.889	7.913	0.024
328	30	Unbiased	7.801	7.842	0.041
329	30	Unbiased	7.843	7.848	0.005
330	30	Unbiased	7.826	7.837	0.011
331	30	Unbiased	7.787	7.801	0.014
332	30	Unbiased	7.812	7.822	0.01
333	50	Bias	7.792	7.818	0.026
334	50	Bias	7.851	7.868	0.017
335	50	Bias	7.786	7.828	0.042
336	50	Bias	7.784	7.828	0.044
337	50	Bias	7.894	7.933	0.039
338	50	Unbiased	7.782	7.806	0.024
339	50	Unbiased	7.832	7.845	0.013
340	50	Unbiased	7.818	7.837	0.019
341	50	Unbiased	7.835	7.82	-0.015
342	50	Unbiased	7.868	7.863	-0.005
343	100	Bias	7.794	7.799	0.005
344	100	Bias	7.803	7.825	0.022
345	100	Bias	7.813	7.822	0.009
346	100	Bias	7.886	7.877	-0.009
347	100	Bias	7.816	7.844	0.028
348	100	Unbiased	7.801	7.817	0.016
349	100	Unbiased	7.853	7.88	0.027
350	100	Unbiased	7.809	7.85	0.041
351	100	Unbiased	7.858	7.892	0.034
352	100	Unbiased	7.743	7.768	0.025

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.777	7.8273	7.866	0.045633	7.726	7.7683	7.806	0.040204	-0.066	-0.059	-0.051	0.0075498
3	7.723	7.8098	7.865	0.048456	7.752	7.8074	7.844	0.027653	-0.044	-0.0024	0.057	0.03505
10	7.785	7.8313	7.862	0.02464	7.812	7.8552	7.883	0.024444	0.005	0.0239	0.042	0.01029
30	7.775	7.8203	7.889	0.031598	7.789	7.8413	7.913	0.034808	0.005	0.021	0.047	0.013792
50	7.782	7.8242	7.894	0.038898	7.806	7.8446	7.933	0.036685	-0.015	0.0204	0.044	0.01938
100	7.743	7.8176	7.886	0.039822	7.768	7.8374	7.892	0.038965	-0.009	0.0198	0.041	0.014838

Device Test: 18.2 ; RESET_RPMOS_LOW_V

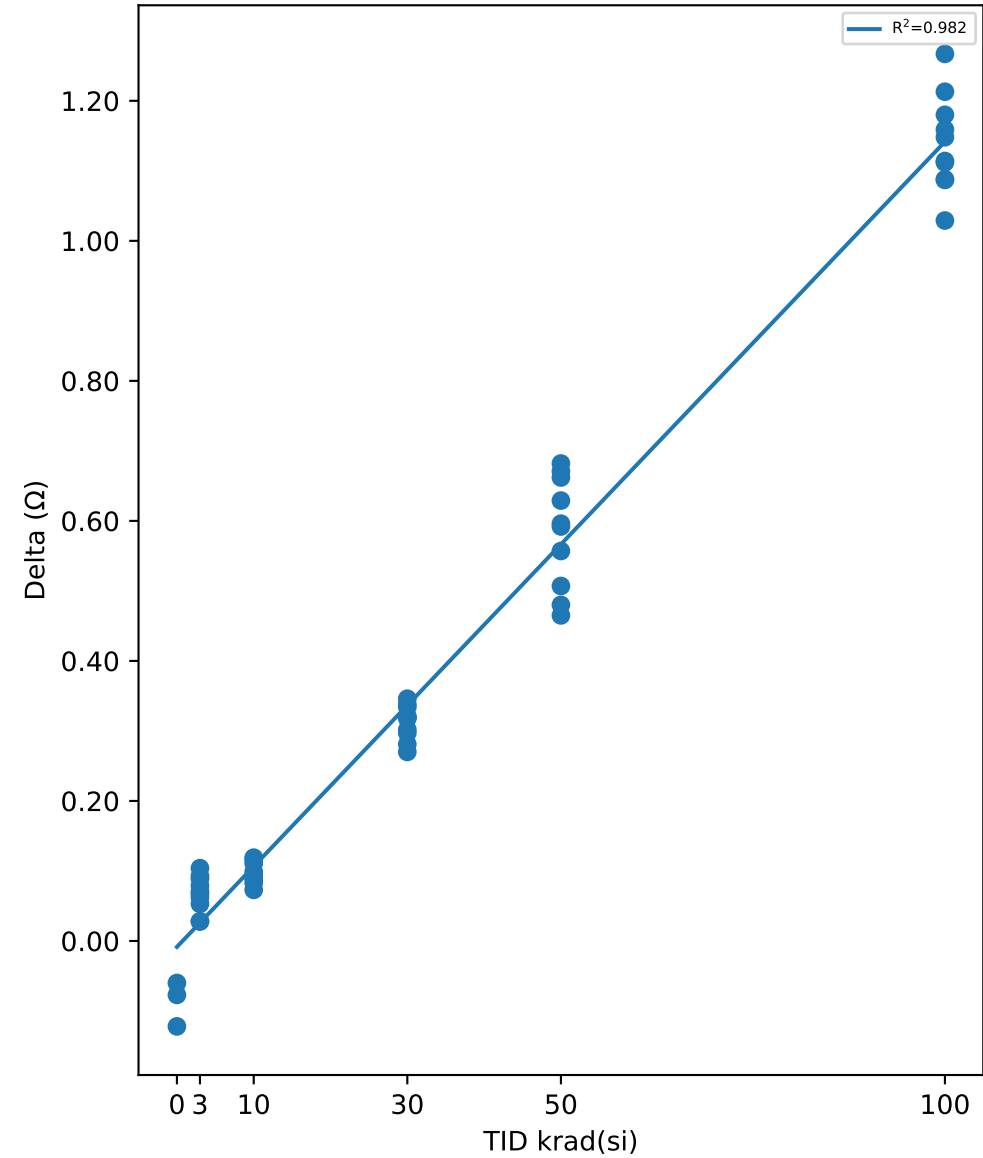
TID vs Result Stats



Test Results (Upper Limit = 40.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.099	18.977	-0.122
301	0	Correlation	18.797	18.72	-0.077
302	0	Correlation	19.302	19.242	-0.06
303	3	Bias	19.038	19.105	0.067
304	3	Bias	19.123	19.202	0.079
305	3	Bias	18.955	19.044	0.089
306	3	Bias	19.099	19.203	0.104
307	3	Bias	19.145	19.216	0.071
308	3	Unbiased	19.031	19.124	0.093
309	3	Unbiased	19.117	19.179	0.062
310	3	Unbiased	19.201	19.254	0.053
311	3	Unbiased	18.855	18.883	0.028
312	3	Unbiased	18.844	18.872	0.028
313	10	Bias	19.135	19.227	0.092
314	10	Bias	19.166	19.255	0.089
315	10	Bias	19.433	19.552	0.119
316	10	Bias	18.909	19.02	0.111
317	10	Bias	19.395	19.512	0.117
318	10	Unbiased	19.081	19.164	0.083
319	10	Unbiased	19.343	19.416	0.073
320	10	Unbiased	19.348	19.441	0.093
321	10	Unbiased	19.351	19.45	0.099
322	10	Unbiased	19.239	19.33	0.091
323	30	Bias	19.104	19.422	0.318
324	30	Bias	19.151	19.47	0.319
325	30	Bias	19.284	19.63	0.346
326	30	Bias	18.936	19.238	0.302
327	30	Bias	19.263	19.584	0.321
328	30	Unbiased	19.117	19.398	0.281
329	30	Unbiased	19.174	19.444	0.27
330	30	Unbiased	18.891	19.188	0.297
331	30	Unbiased	19.206	19.54	0.334
332	30	Unbiased	19.238	19.576	0.338
333	50	Bias	18.876	19.356	0.48
334	50	Bias	19.361	19.868	0.507
335	50	Bias	19.29	19.886	0.596
336	50	Bias	19.113	19.705	0.592
337	50	Bias	19.481	20.038	0.557
338	50	Unbiased	18.933	19.398	0.465
339	50	Unbiased	19.061	19.69	0.629
340	50	Unbiased	19.091	19.773	0.682
341	50	Unbiased	18.948	19.61	0.662
342	50	Unbiased	19.074	19.745	0.671
343	100	Bias	18.957	20.044	1.087
344	100	Bias	19.069	20.181	1.112
345	100	Bias	18.924	20.104	1.18
346	100	Bias	19.364	20.631	1.267
347	100	Bias	19.159	20.318	1.159
348	100	Unbiased	19.014	20.102	1.088
349	100	Unbiased	19.096	20.125	1.029
350	100	Unbiased	19.088	20.236	1.148
351	100	Unbiased	19.29	20.503	1.213
352	100	Unbiased	18.843	19.957	1.114

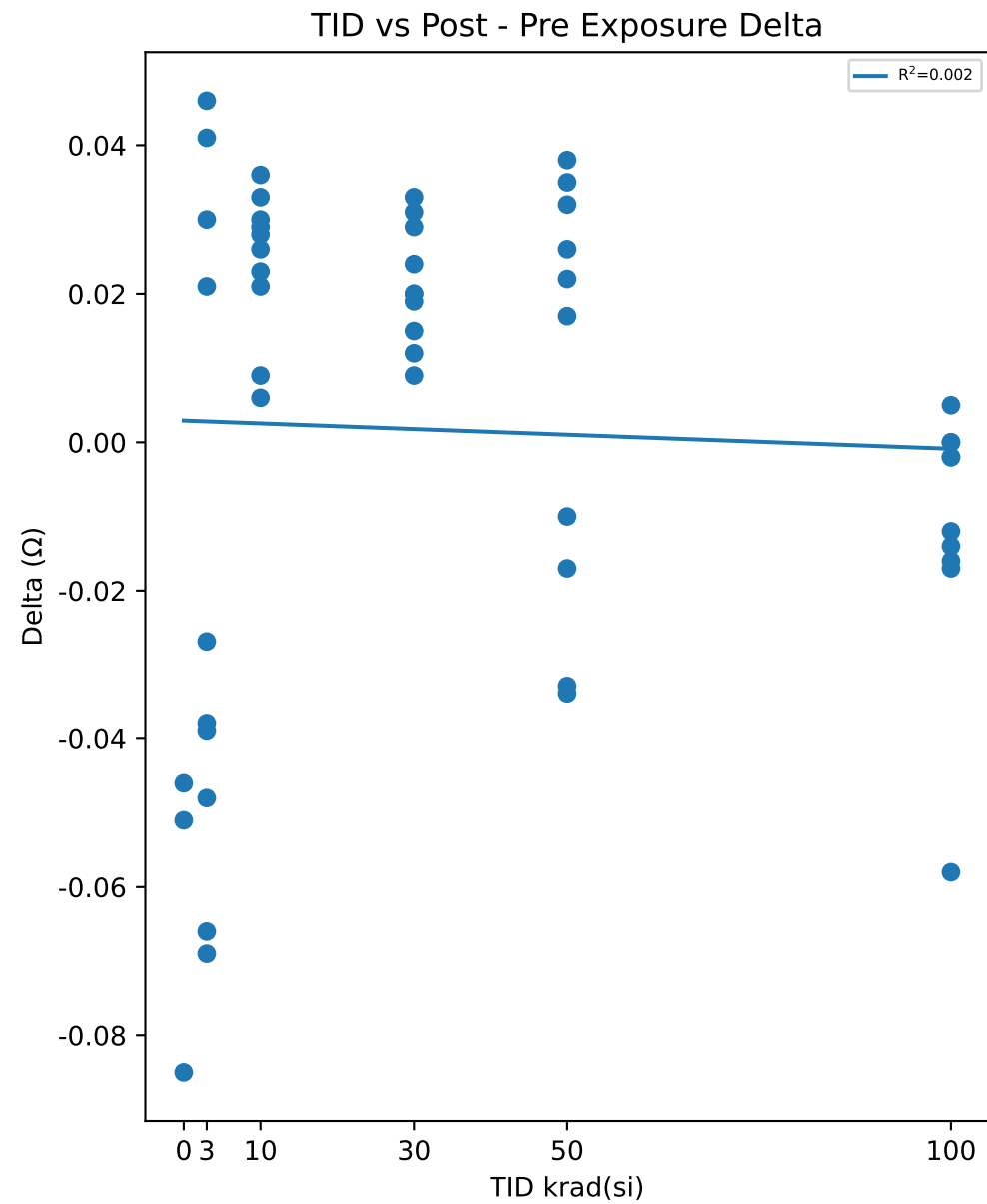
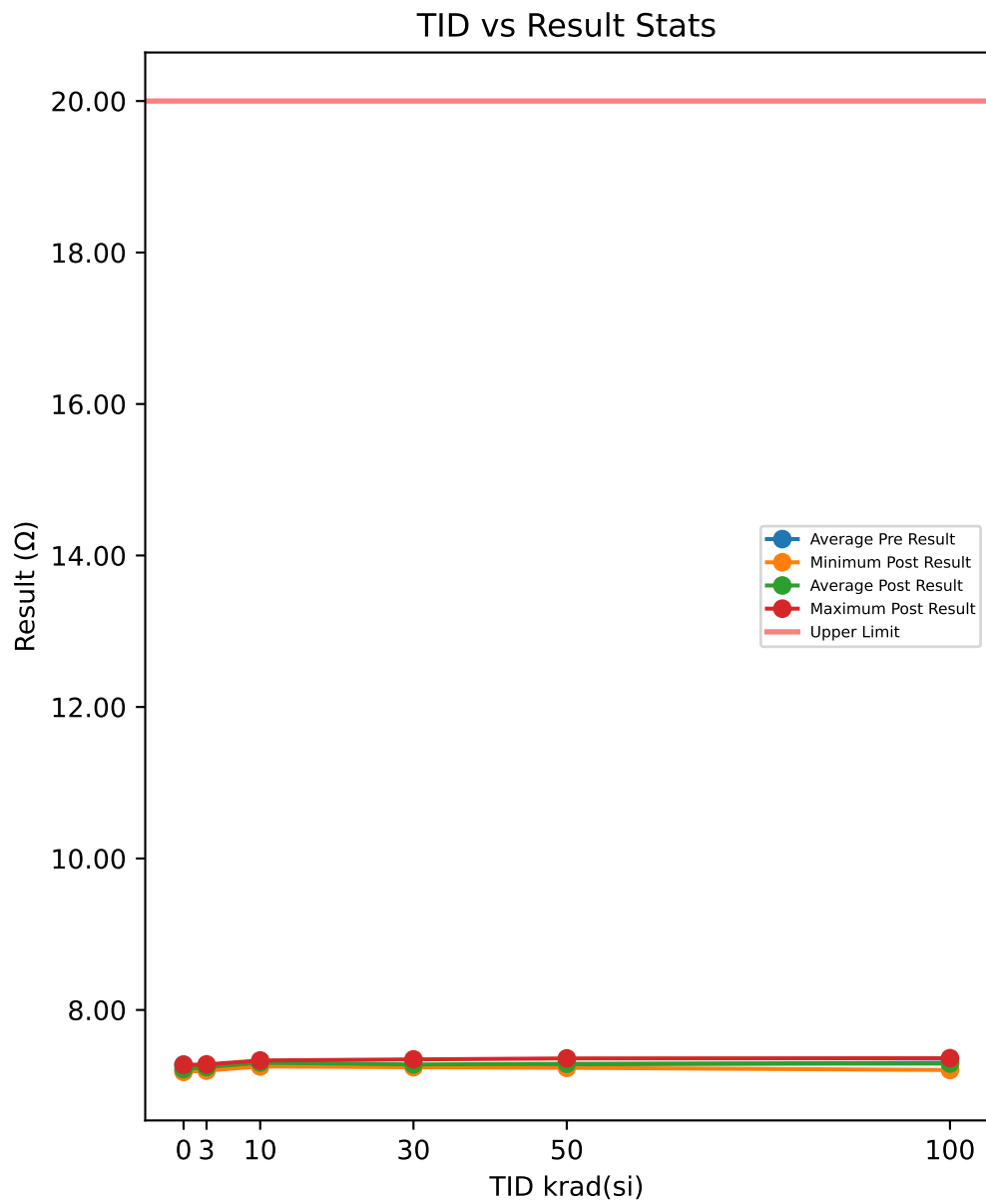
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.797	19.066	19.302	0.25411	18.72	18.98	19.242	0.26101	-0.122	-0.086333	-0.06	0.032036
3	18.844	19.041	19.201	0.12165	18.872	19.108	19.254	0.13604	0.028	0.0674	0.104	0.025713
10	18.909	19.24	19.433	0.16573	19.02	19.337	19.552	0.16864	0.073	0.0967	0.119	0.014893
30	18.891	19.136	19.284	0.13183	19.188	19.449	19.63	0.146	0.27	0.3126	0.346	0.024784
50	18.876	19.123	19.481	0.19658	19.356	19.707	20.038	0.21127	0.465	0.5841	0.682	0.079669
100	18.843	19.08	19.364	0.16036	19.957	20.22	20.631	0.21001	1.029	1.1397	1.267	0.068941

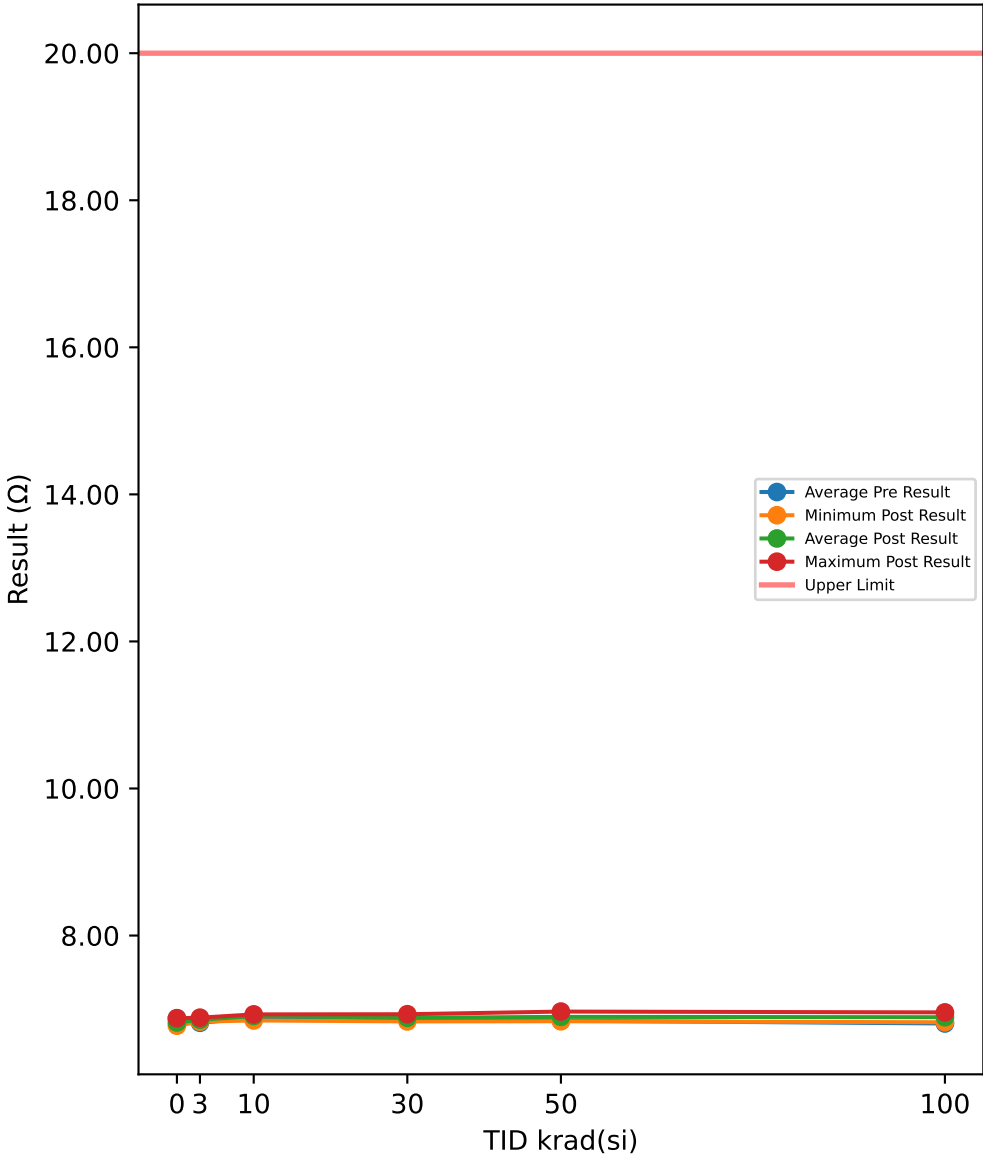
Device Test: 18.20 ; RESET_RPMOS_HIGH_V



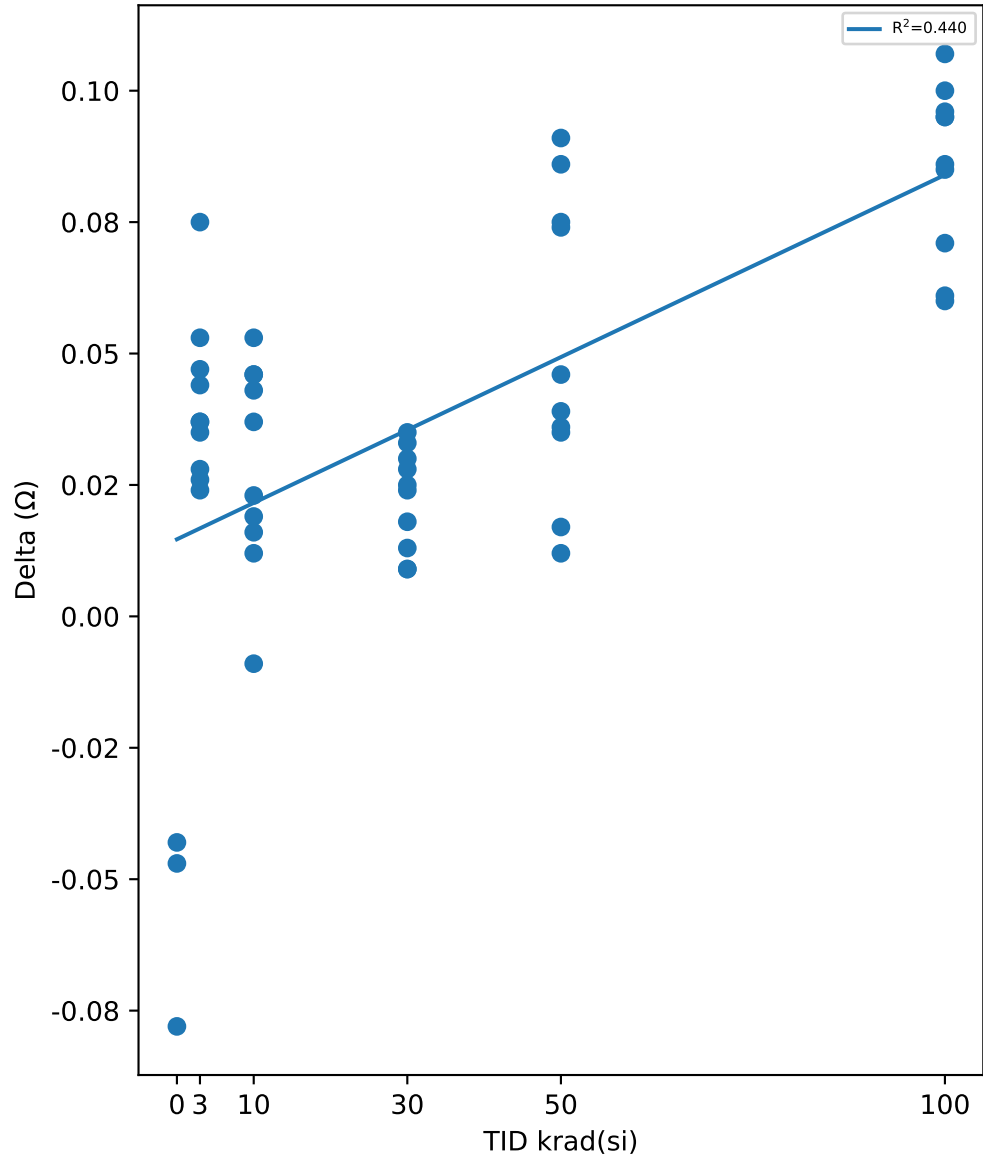
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	7.284	7.199	-0.085
301	0	Correlation	7.233	7.182	-0.051
302	0	Correlation	7.32	7.274	-0.046
303	3	Bias	7.265	7.199	-0.066
304	3	Bias	7.306	7.267	-0.039
305	3	Bias	7.273	7.225	-0.048
306	3	Bias	7.328	7.259	-0.069
307	3	Bias	7.289	7.251	-0.038
308	3	Unbiased	7.291	7.264	-0.027
309	3	Unbiased	7.229	7.259	0.03
310	3	Unbiased	7.24	7.281	0.041
311	3	Unbiased	7.2	7.221	0.021
312	3	Unbiased	7.174	7.22	0.046
313	10	Bias	7.269	7.302	0.033
314	10	Bias	7.274	7.302	0.028
315	10	Bias	7.303	7.333	0.03
316	10	Bias	7.294	7.32	0.026
317	10	Bias	7.29	7.319	0.029
318	10	Unbiased	7.218	7.254	0.036
319	10	Unbiased	7.27	7.293	0.023
320	10	Unbiased	7.298	7.304	0.006
321	10	Unbiased	7.291	7.312	0.021
322	10	Unbiased	7.301	7.31	0.009
323	30	Bias	7.237	7.268	0.031
324	30	Bias	7.286	7.306	0.02
325	30	Bias	7.282	7.306	0.024
326	30	Bias	7.229	7.244	0.015
327	30	Bias	7.328	7.347	0.019
328	30	Unbiased	7.244	7.273	0.029
329	30	Unbiased	7.262	7.274	0.012
330	30	Unbiased	7.237	7.27	0.033
331	30	Unbiased	7.239	7.248	0.009
332	30	Unbiased	7.246	7.266	0.02
333	50	Bias	7.235	7.261	0.026
334	50	Bias	7.305	7.327	0.022
335	50	Bias	7.253	7.288	0.035
336	50	Bias	7.217	7.249	0.032
337	50	Bias	7.343	7.36	0.017
338	50	Unbiased	7.248	7.286	0.038
339	50	Unbiased	7.305	7.295	-0.01
340	50	Unbiased	7.287	7.27	-0.017
341	50	Unbiased	7.27	7.236	-0.034
342	50	Unbiased	7.357	7.324	-0.033
343	100	Bias	7.263	7.251	-0.012
344	100	Bias	7.285	7.283	-0.002
345	100	Bias	7.264	7.264	0
346	100	Bias	7.392	7.334	-0.058
347	100	Bias	7.316	7.299	-0.017
348	100	Unbiased	7.262	7.262	0
349	100	Unbiased	7.375	7.361	-0.014
350	100	Unbiased	7.3	7.298	-0.002
351	100	Unbiased	7.379	7.363	-0.016
352	100	Unbiased	7.202	7.207	0.005

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.233	7.279	7.32	0.043715	7.182	7.2183	7.274	0.048952	-0.085	-0.060667	-0.046	0.021221
3	7.174	7.2595	7.328	0.048409	7.199	7.2446	7.281	0.026425	-0.069	-0.0149	0.046	0.044762
10	7.218	7.2808	7.303	0.025398	7.254	7.3049	7.333	0.021195	0.006	0.0241	0.036	0.0098031
30	7.229	7.259	7.328	0.031073	7.244	7.2802	7.347	0.031066	0.009	0.0212	0.033	0.0080526
50	7.217	7.282	7.357	0.045952	7.236	7.2896	7.36	0.038451	-0.034	0.0076	0.038	0.028281
100	7.202	7.3038	7.392	0.061806	7.207	7.2922	7.363	0.049801	-0.058	-0.0116	0.005	0.018063

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 20.0 (Ω))

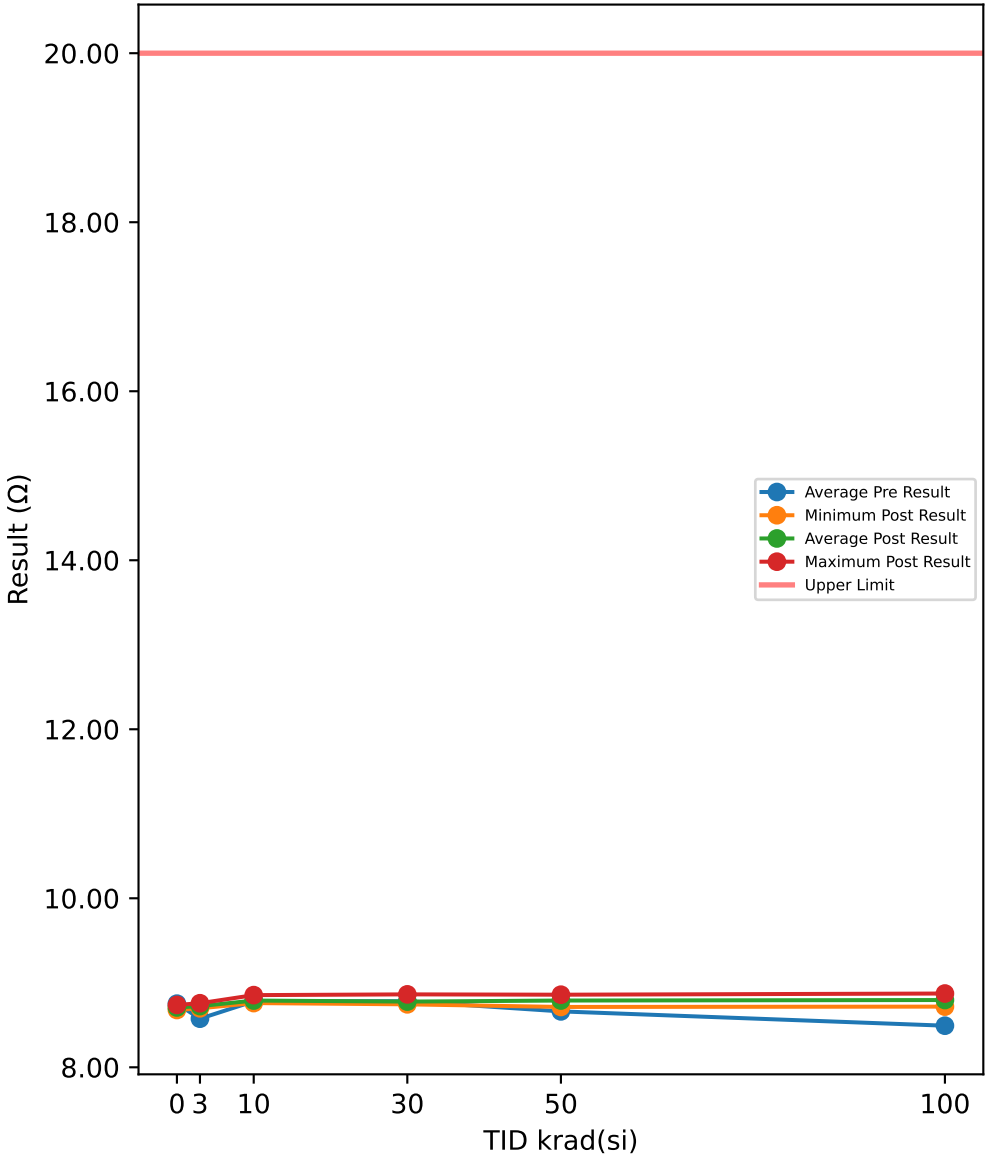
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	6.882	6.804	-0.078
301	0	Correlation	6.817	6.774	-0.043
302	0	Correlation	6.923	6.876	-0.047
303	3	Bias	6.808	6.836	0.028
304	3	Bias	6.81	6.857	0.047
305	3	Bias	6.797	6.841	0.044
306	3	Bias	6.818	6.855	0.037
307	3	Bias	6.846	6.883	0.037
308	3	Unbiased	6.808	6.883	0.075
309	3	Unbiased	6.831	6.857	0.026
310	3	Unbiased	6.837	6.872	0.035
311	3	Unbiased	6.805	6.829	0.024
312	3	Unbiased	6.777	6.83	0.053
313	10	Bias	6.844	6.897	0.053
314	10	Bias	6.875	6.918	0.043
315	10	Bias	6.897	6.909	0.012
316	10	Bias	6.859	6.905	0.046
317	10	Bias	6.907	6.926	0.019
318	10	Unbiased	6.822	6.845	0.023
319	10	Unbiased	6.884	6.921	0.037
320	10	Unbiased	6.897	6.888	-0.009
321	10	Unbiased	6.882	6.928	0.046
322	10	Unbiased	6.906	6.922	0.016
323	30	Bias	6.846	6.876	0.03
324	30	Bias	6.856	6.889	0.033
325	30	Bias	6.895	6.92	0.025
326	30	Bias	6.814	6.832	0.018
327	30	Bias	6.917	6.93	0.013
328	30	Unbiased	6.847	6.882	0.035
329	30	Unbiased	6.874	6.883	0.009
330	30	Unbiased	6.832	6.856	0.024
331	30	Unbiased	6.863	6.872	0.009
332	30	Unbiased	6.85	6.878	0.028
333	50	Bias	6.822	6.834	0.012
334	50	Bias	6.93	6.947	0.017
335	50	Bias	6.852	6.891	0.039
336	50	Bias	6.81	6.845	0.035
337	50	Bias	6.93	6.966	0.036
338	50	Unbiased	6.839	6.885	0.046
339	50	Unbiased	6.807	6.893	0.086
340	50	Unbiased	6.811	6.886	0.075
341	50	Unbiased	6.796	6.887	0.091
342	50	Unbiased	6.83	6.904	0.074
343	100	Bias	6.792	6.853	0.061
344	100	Bias	6.793	6.879	0.086
345	100	Bias	6.759	6.854	0.095
346	100	Bias	6.874	6.934	0.06
347	100	Bias	6.803	6.874	0.071
348	100	Unbiased	6.793	6.878	0.085
349	100	Unbiased	6.852	6.948	0.096
350	100	Unbiased	6.798	6.898	0.1
351	100	Unbiased	6.848	6.955	0.107
352	100	Unbiased	6.726	6.821	0.095

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.817	6.874	6.923	0.053451	6.774	6.818	6.876	0.052421	-0.078	-0.056	-0.043	0.019157
3	6.777	6.8137	6.846	0.020232	6.829	6.8543	6.883	0.020325	0.024	0.0406	0.075	0.015255
10	6.822	6.8773	6.907	0.028	6.845	6.9059	6.928	0.025044	-0.009	0.0286	0.053	0.01958
30	6.814	6.8594	6.917	0.029919	6.832	6.8818	6.93	0.028138	0.009	0.0224	0.035	0.0096402
50	6.796	6.8427	6.93	0.048833	6.834	6.8938	6.966	0.039858	0.012	0.0511	0.091	0.028396
100	6.726	6.8038	6.874	0.044312	6.821	6.8894	6.955	0.044137	0.06	0.0856	0.107	0.016413

Device Test: 18.22 ; PWRGD_RPMOS_HIGH_V

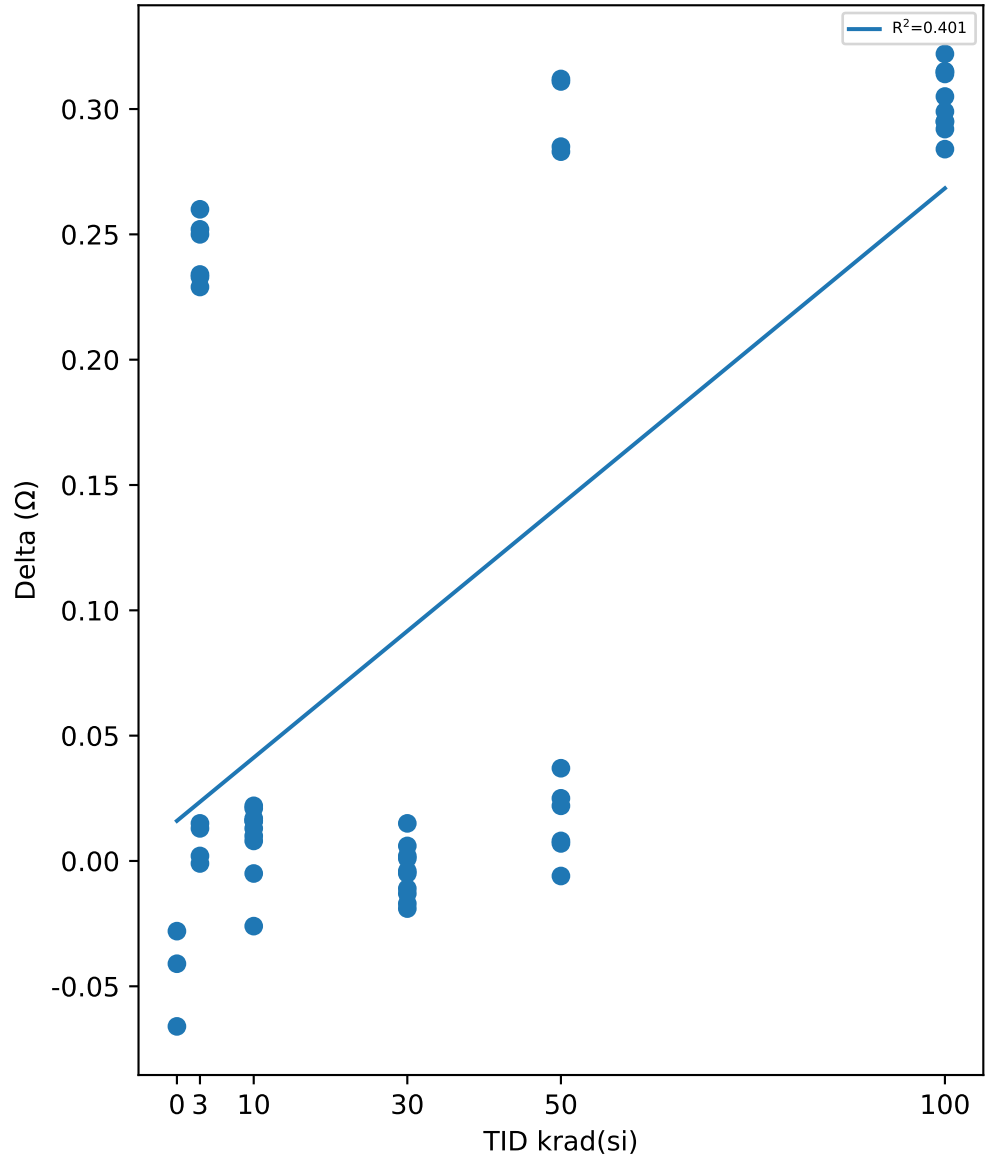
TID vs Result Stats



Test Results (Upper Limit = 20.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	8.744	8.678	-0.066
301	0	Correlation	8.749	8.708	-0.041
302	0	Correlation	8.766	8.738	-0.028
303	3	Bias	8.449	8.699	0.25
304	3	Bias	8.514	8.743	0.229
305	3	Bias	8.479	8.713	0.234
306	3	Bias	8.465	8.698	0.233
307	3	Bias	8.498	8.758	0.26
308	3	Unbiased	8.478	8.73	0.252
309	3	Unbiased	8.728	8.743	0.015
310	3	Unbiased	8.736	8.738	0.002
311	3	Unbiased	8.7	8.699	-0.001
312	3	Unbiased	8.705	8.718	0.013
313	10	Bias	8.75	8.767	0.017
314	10	Bias	8.761	8.771	0.01
315	10	Bias	8.769	8.782	0.013
316	10	Bias	8.838	8.854	0.016
317	10	Bias	8.786	8.794	0.008
318	10	Unbiased	8.744	8.76	0.016
319	10	Unbiased	8.765	8.76	-0.005
320	10	Unbiased	8.804	8.778	-0.026
321	10	Unbiased	8.775	8.797	0.022
322	10	Unbiased	8.814	8.835	0.021
323	30	Bias	8.767	8.773	0.006
324	30	Bias	8.761	8.748	-0.013
325	30	Bias	8.806	8.808	0.002
326	30	Bias	8.77	8.751	-0.019
327	30	Bias	8.868	8.863	-0.005
328	30	Unbiased	8.749	8.75	0.001
329	30	Unbiased	8.801	8.784	-0.017
330	30	Unbiased	8.76	8.775	0.015
331	30	Unbiased	8.749	8.745	-0.004
332	30	Unbiased	8.79	8.779	-0.011
333	50	Bias	8.772	8.766	-0.006
334	50	Bias	8.813	8.838	0.025
335	50	Bias	8.739	8.776	0.037
336	50	Bias	8.742	8.75	0.008
337	50	Bias	8.837	8.859	0.022
338	50	Unbiased	8.794	8.801	0.007
339	50	Unbiased	8.429	8.714	0.285
340	50	Unbiased	8.528	8.811	0.283
341	50	Unbiased	8.459	8.77	0.311
342	50	Unbiased	8.503	8.815	0.312
343	100	Bias	8.453	8.768	0.315
344	100	Bias	8.489	8.773	0.284
345	100	Bias	8.489	8.803	0.314
346	100	Bias	8.525	8.82	0.295
347	100	Bias	8.488	8.787	0.299
348	100	Unbiased	8.496	8.801	0.305
349	100	Unbiased	8.581	8.873	0.292
350	100	Unbiased	8.477	8.792	0.315
351	100	Unbiased	8.529	8.824	0.295
352	100	Unbiased	8.396	8.718	0.322

TID vs Post - Pre Exposure Delta

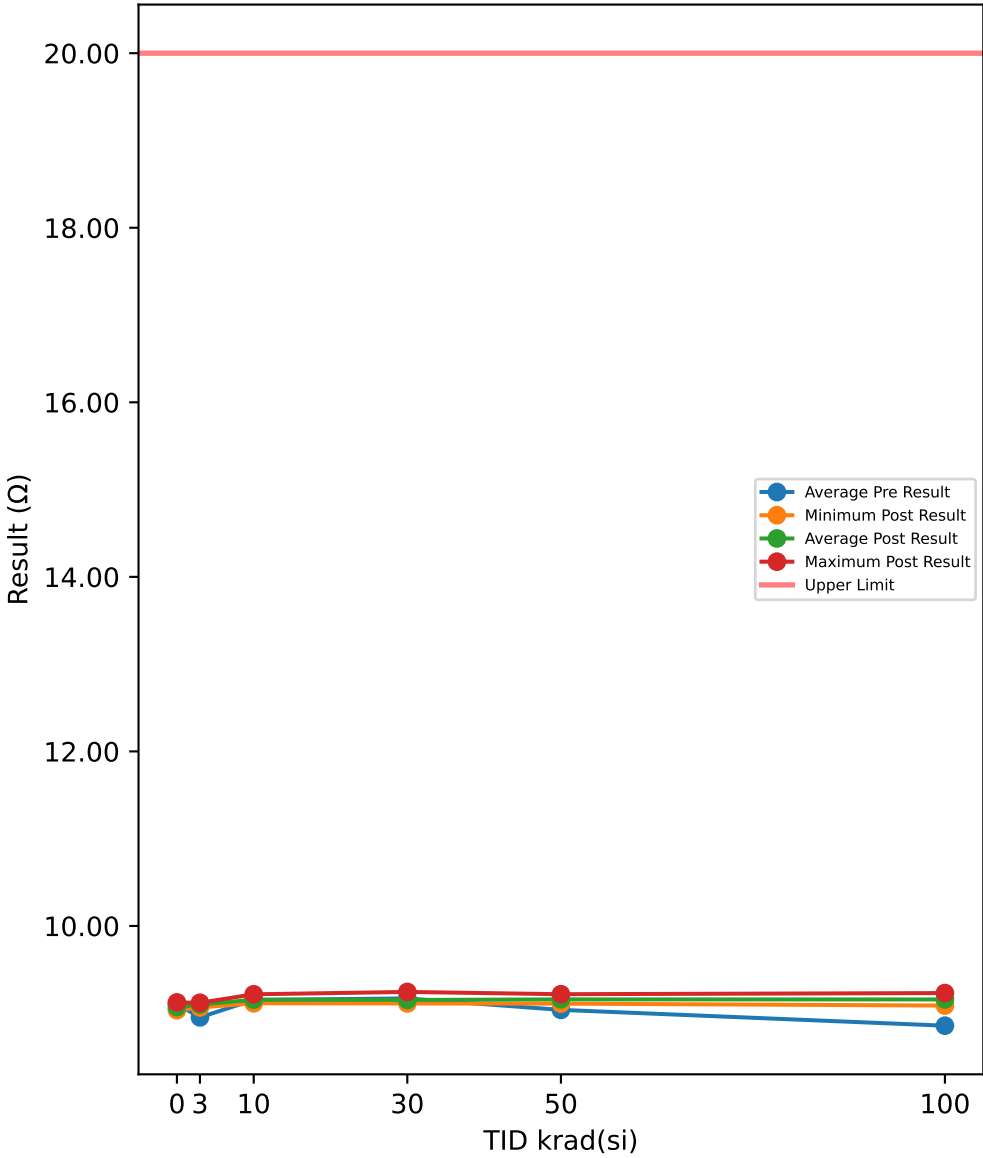


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.744	8.753	8.766	0.011533	8.678	8.708	8.738	0.03	-0.066	-0.045	-0.028	0.019313
3	8.449	8.5752	8.736	0.12388	8.698	8.7239	8.758	0.021584	-0.001	0.1487	0.26	0.12219
10	8.744	8.7806	8.838	0.029919	8.76	8.7898	8.854	0.031769	-0.026	0.0092	0.022	0.014582
30	8.749	8.7821	8.868	0.036315	8.745	8.7776	8.863	0.03605	-0.019	-0.0045	0.015	0.010773
50	8.429	8.6616	8.837	0.16125	8.714	8.79	8.859	0.043205	-0.006	0.1284	0.312	0.14649
100	8.396	8.4923	8.581	0.048751	8.718	8.7959	8.873	0.04063	0.284	0.3036	0.322	0.012456

Device Test: 18.23 ; WDO_RPMOS_HIGH_V

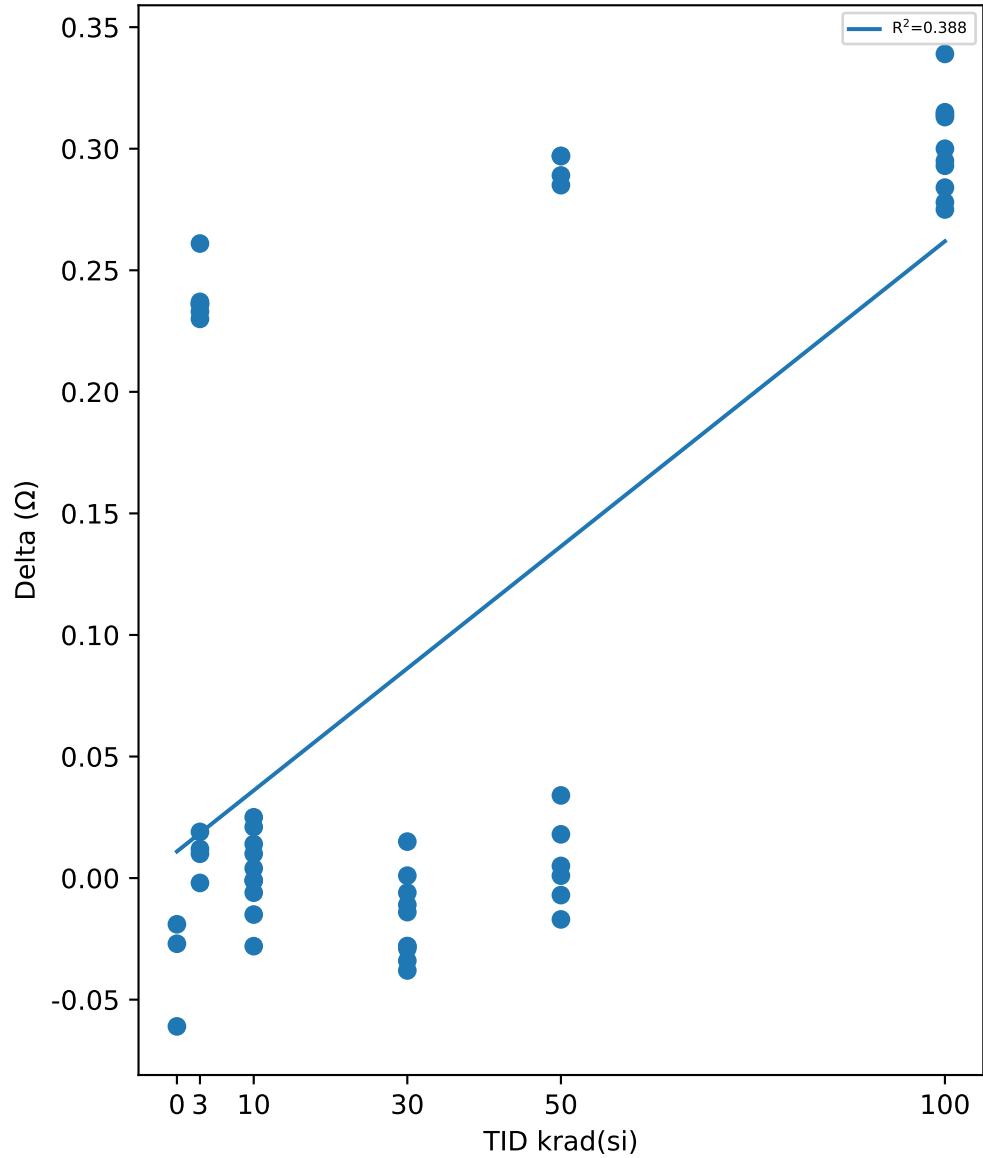
TID vs Result Stats



Test Results (Upper Limit = 20.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	9.096	9.035	-0.061
301	0	Correlation	9.078	9.051	-0.027
302	0	Correlation	9.143	9.124	-0.019
303	3	Bias	8.869	9.105	0.236
304	3	Bias	8.887	9.12	0.233
305	3	Bias	8.857	9.093	0.236
306	3	Bias	8.805	9.066	0.261
307	3	Bias	8.876	9.113	0.237
308	3	Unbiased	8.887	9.117	0.23
309	3	Unbiased	9.085	9.104	0.019
310	3	Unbiased	9.092	9.102	0.01
311	3	Unbiased	9.085	9.097	0.012
312	3	Unbiased	9.083	9.081	-0.002
313	10	Bias	9.12	9.145	0.025
314	10	Bias	9.147	9.146	-0.001
315	10	Bias	9.152	9.156	0.004
316	10	Bias	9.196	9.217	0.021
317	10	Bias	9.172	9.166	-0.006
318	10	Unbiased	9.118	9.132	0.014
319	10	Unbiased	9.129	9.114	-0.015
320	10	Unbiased	9.157	9.129	-0.028
321	10	Unbiased	9.142	9.152	0.01
322	10	Unbiased	9.194	9.193	-0.001
323	30	Bias	9.14	9.155	0.015
324	30	Bias	9.15	9.144	-0.006
325	30	Bias	9.181	9.167	-0.014
326	30	Bias	9.14	9.112	-0.028
327	30	Bias	9.273	9.244	-0.029
328	30	Unbiased	9.143	9.132	-0.011
329	30	Unbiased	9.167	9.129	-0.038
330	30	Unbiased	9.165	9.166	0.001
331	30	Unbiased	9.148	9.12	-0.028
332	30	Unbiased	9.185	9.151	-0.034
333	50	Bias	9.146	9.139	-0.007
334	50	Bias	9.177	9.178	0.001
335	50	Bias	9.118	9.152	0.034
336	50	Bias	9.105	9.11	0.005
337	50	Bias	9.2	9.218	0.018
338	50	Unbiased	9.184	9.167	-0.017
339	50	Unbiased	8.823	9.112	0.289
340	50	Unbiased	8.893	9.178	0.285
341	50	Unbiased	8.826	9.123	0.297
342	50	Unbiased	8.913	9.21	0.297
343	100	Bias	8.821	9.135	0.314
344	100	Bias	8.828	9.123	0.295
345	100	Bias	8.846	9.159	0.313
346	100	Bias	8.903	9.178	0.275
347	100	Bias	8.845	9.145	0.3
348	100	Unbiased	8.879	9.172	0.293
349	100	Unbiased	8.947	9.231	0.284
350	100	Unbiased	8.844	9.159	0.315
351	100	Unbiased	8.91	9.188	0.278
352	100	Unbiased	8.749	9.088	0.339

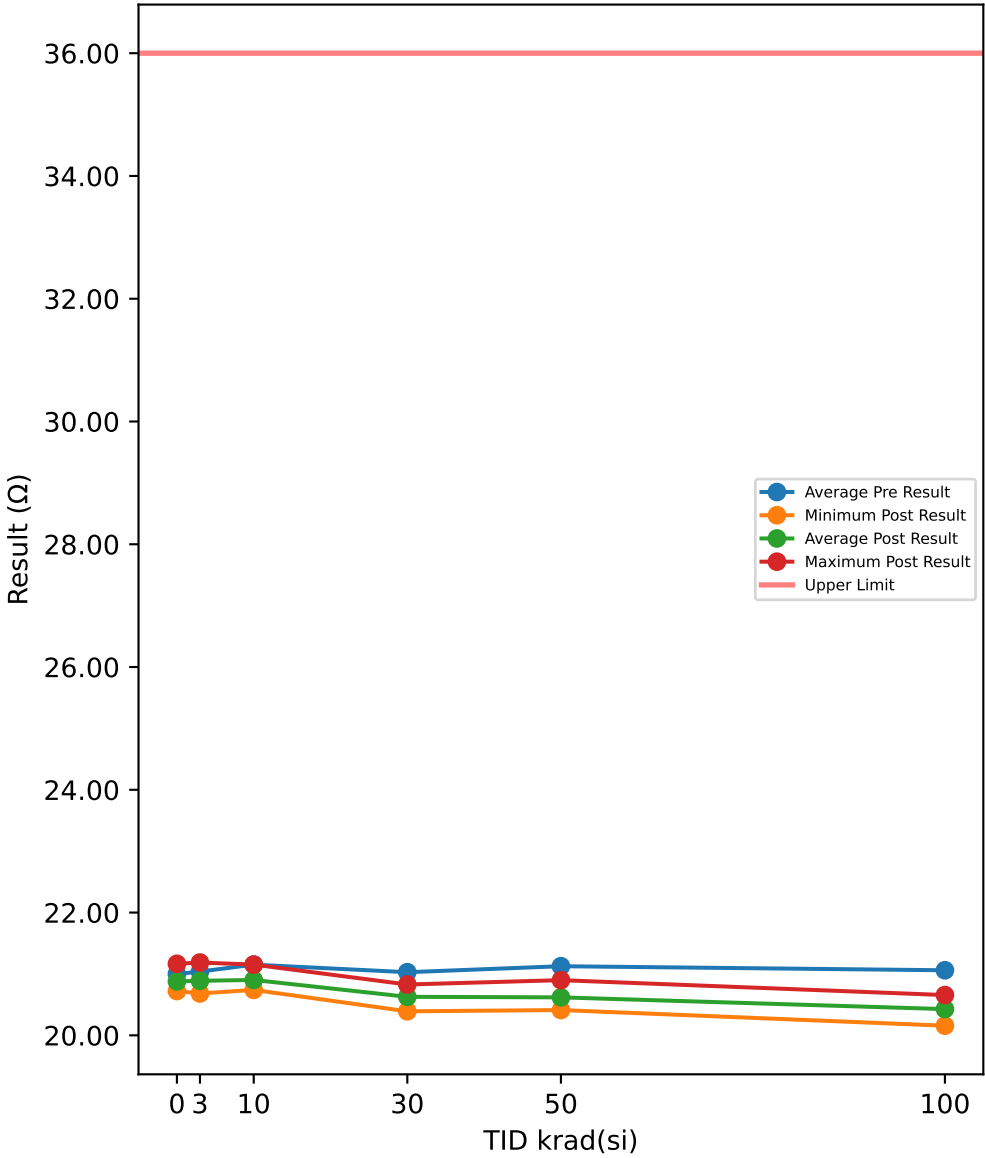
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.078	9.1057	9.143	0.033561	9.035	9.07	9.124	0.047445	-0.061	-0.035667	-0.019	0.022301
3	8.805	8.9526	9.092	0.11732	9.066	9.0998	9.12	0.016592	-0.002	0.1472	0.261	0.1187
10	9.118	9.1527	9.196	0.027797	9.114	9.155	9.217	0.030706	-0.028	0.0023	0.025	0.016235
30	9.14	9.1692	9.273	0.039994	9.112	9.152	9.244	0.037286	-0.038	-0.0172	0.015	0.017093
50	8.823	9.0385	9.2	0.15537	9.11	9.1587	9.218	0.038329	-0.017	0.1202	0.297	0.14852
100	8.749	8.8572	8.947	0.055521	9.088	9.1578	9.231	0.038944	0.275	0.3006	0.339	0.019851

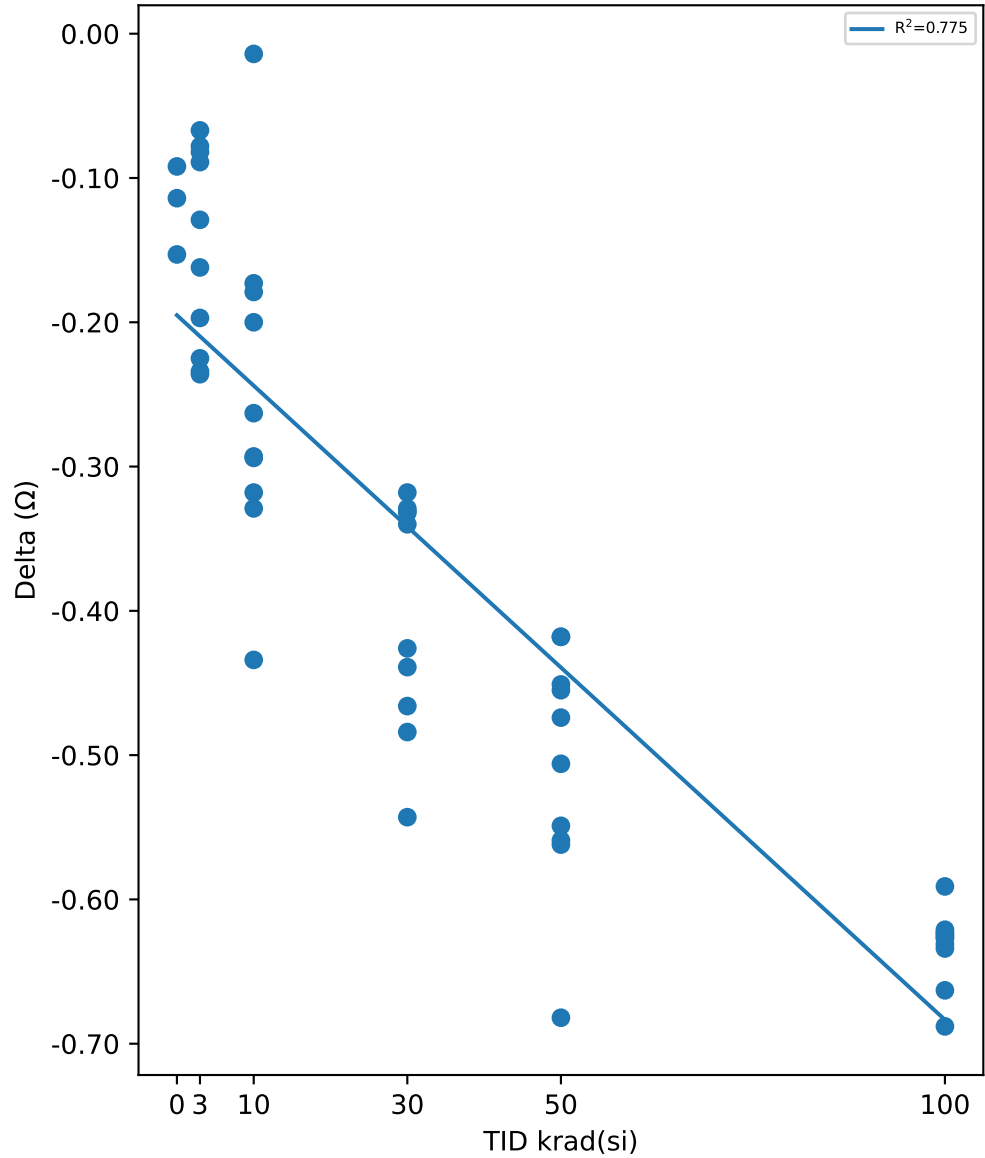
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.902	20.749	-0.153
301	0	Correlation	20.814	20.722	-0.092
302	0	Correlation	21.279	21.165	-0.114
303	3	Bias	20.958	20.722	-0.236
304	3	Bias	21.411	21.186	-0.225
305	3	Bias	21.082	20.848	-0.234
306	3	Bias	21.072	20.875	-0.197
307	3	Bias	21.057	20.895	-0.162
308	3	Unbiased	21.043	20.914	-0.129
309	3	Unbiased	21.19	21.108	-0.082
310	3	Unbiased	20.965	20.898	-0.067
311	3	Unbiased	20.76	20.682	-0.078
312	3	Unbiased	20.845	20.756	-0.089
313	10	Bias	21.157	20.864	-0.293
314	10	Bias	21.276	20.947	-0.329
315	10	Bias	21.067	20.773	-0.294
316	10	Bias	21.099	20.899	-0.2
317	10	Bias	21.106	20.788	-0.318
318	10	Unbiased	21.067	20.894	-0.173
319	10	Unbiased	20.919	20.74	-0.179
320	10	Unbiased	21.308	20.874	-0.434
321	10	Unbiased	21.102	21.088	-0.014
322	10	Unbiased	21.415	21.152	-0.263
323	30	Bias	21.005	20.579	-0.426
324	30	Bias	20.941	20.502	-0.439
325	30	Bias	21.296	20.753	-0.543
326	30	Bias	20.875	20.391	-0.484
327	30	Bias	21.138	20.672	-0.466
328	30	Unbiased	20.872	20.554	-0.318
329	30	Unbiased	21.16	20.828	-0.332
330	30	Unbiased	20.928	20.597	-0.331
331	30	Unbiased	21.077	20.737	-0.34
332	30	Unbiased	20.989	20.66	-0.329
333	50	Bias	20.918	20.412	-0.506
334	50	Bias	21.198	20.649	-0.549
335	50	Bias	21.019	20.457	-0.562
336	50	Bias	21.123	20.564	-0.559
337	50	Bias	21.491	20.809	-0.682
338	50	Unbiased	20.977	20.559	-0.418
339	50	Unbiased	20.835	20.417	-0.418
340	50	Unbiased	21.148	20.693	-0.455
341	50	Unbiased	21.177	20.726	-0.451
342	50	Unbiased	21.373	20.899	-0.474
343	100	Bias	20.999	20.376	-0.623
344	100	Bias	21.103	20.477	-0.626
345	100	Bias	21.028	20.365	-0.663
346	100	Bias	21.176	20.555	-0.621
347	100	Bias	21.114	20.49	-0.624
348	100	Unbiased	21.287	20.656	-0.631
349	100	Unbiased	21.066	20.475	-0.591
350	100	Unbiased	20.845	20.157	-0.688
351	100	Unbiased	21.123	20.489	-0.634
352	100	Unbiased	20.859	20.232	-0.627

TID vs Post - Pre Exposure Delta

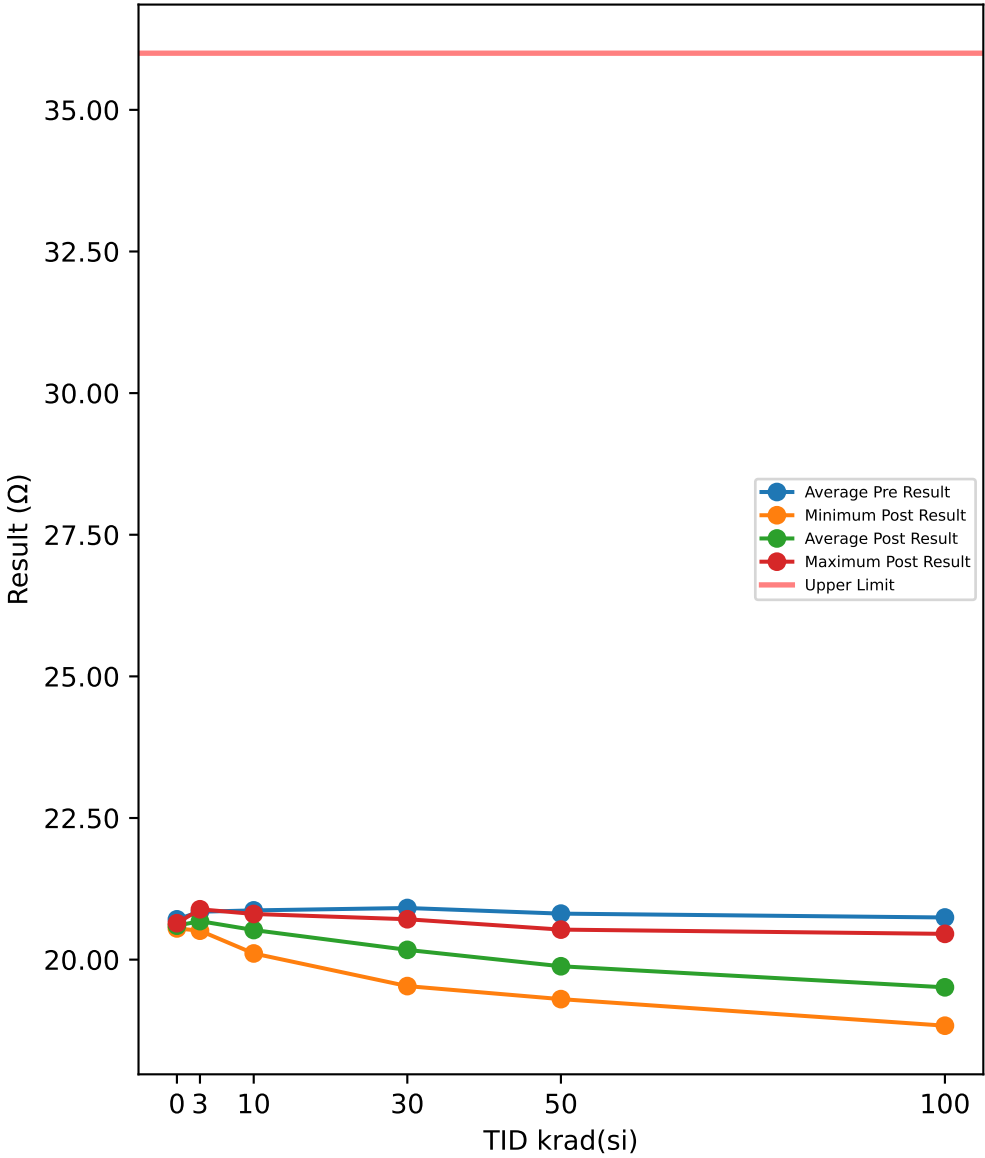


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.814	20.998	21.279	0.24701	20.722	20.879	21.165	0.24834	-0.153	-0.11967	-0.092	0.030892
3	20.76	21.038	21.411	0.18011	20.682	20.888	21.186	0.15889	-0.236	-0.1499	-0.067	0.069353
10	20.919	21.152	21.415	0.1434	20.74	20.902	21.152	0.1322	-0.434	-0.2497	-0.014	0.11443
30	20.872	21.028	21.296	0.13789	20.391	20.627	20.828	0.12968	-0.543	-0.4008	-0.318	0.08083
50	20.835	21.126	21.491	0.20114	20.412	20.619	20.899	0.16628	-0.682	-0.5074	-0.418	0.082252
100	20.845	21.06	21.287	0.13545	20.157	20.427	20.656	0.14863	-0.688	-0.6328	-0.591	0.026042

Device Test: 18.25 ; RESET_RNMOS

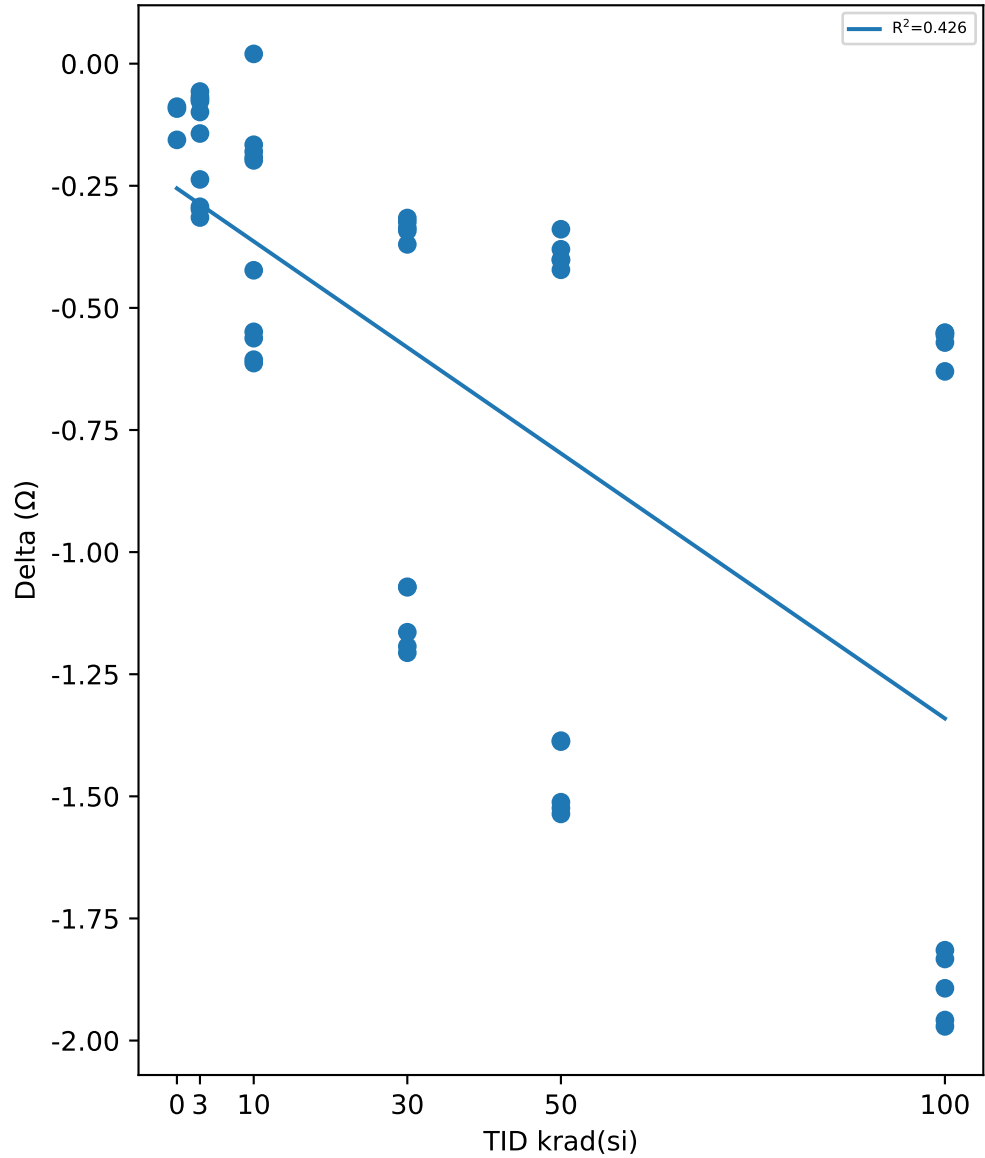
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.799	20.643	-0.156
301	0	Correlation	20.639	20.551	-0.088
302	0	Correlation	20.696	20.604	-0.092
303	3	Bias	20.859	20.566	-0.293
304	3	Bias	20.915	20.617	-0.298
305	3	Bias	21.049	20.734	-0.315
306	3	Bias	20.878	20.641	-0.237
307	3	Bias	20.949	20.806	-0.143
308	3	Unbiased	20.988	20.889	-0.099
309	3	Unbiased	20.641	20.564	-0.077
310	3	Unbiased	20.943	20.886	-0.057
311	3	Unbiased	20.65	20.582	-0.068
312	3	Unbiased	20.584	20.511	-0.073
313	10	Bias	21.003	20.454	-0.549
314	10	Bias	20.671	20.109	-0.562
315	10	Bias	20.997	20.384	-0.613
316	10	Bias	20.813	20.615	-0.198
317	10	Bias	21.071	20.465	-0.606
318	10	Unbiased	20.583	20.417	-0.166
319	10	Unbiased	20.954	20.774	-0.18
320	10	Unbiased	20.786	20.806	0.02
321	10	Unbiased	21.022	20.599	-0.423
322	10	Unbiased	20.795	20.603	-0.192
323	30	Bias	21.005	19.934	-1.071
324	30	Bias	20.936	19.864	-1.072
325	30	Bias	20.739	19.533	-1.206
326	30	Bias	20.798	19.605	-1.193
327	30	Bias	21.13	19.966	-1.164
328	30	Unbiased	20.829	20.493	-0.336
329	30	Unbiased	21.029	20.713	-0.316
330	30	Unbiased	20.711	20.387	-0.324
331	30	Unbiased	20.912	20.542	-0.37
332	30	Unbiased	21.026	20.684	-0.342
333	50	Bias	20.883	19.495	-1.388
334	50	Bias	20.689	19.303	-1.386
335	50	Bias	20.911	19.399	-1.512
336	50	Bias	20.961	19.437	-1.524
337	50	Bias	20.993	19.457	-1.536
338	50	Unbiased	20.8	20.378	-0.422
339	50	Unbiased	20.567	20.228	-0.339
340	50	Unbiased	20.742	20.34	-0.402
341	50	Unbiased	20.931	20.53	-0.401
342	50	Unbiased	20.644	20.264	-0.38
343	100	Bias	20.649	18.834	-1.815
344	100	Bias	20.807	18.974	-1.833
345	100	Bias	20.822	18.864	-1.958
346	100	Bias	20.89	18.919	-1.971
347	100	Bias	20.864	18.971	-1.893
348	100	Unbiased	20.608	20.057	-0.551
349	100	Unbiased	21.026	20.455	-0.571
350	100	Unbiased	20.657	20.027	-0.63
351	100	Unbiased	20.541	19.985	-0.556
352	100	Unbiased	20.577	20.026	-0.551

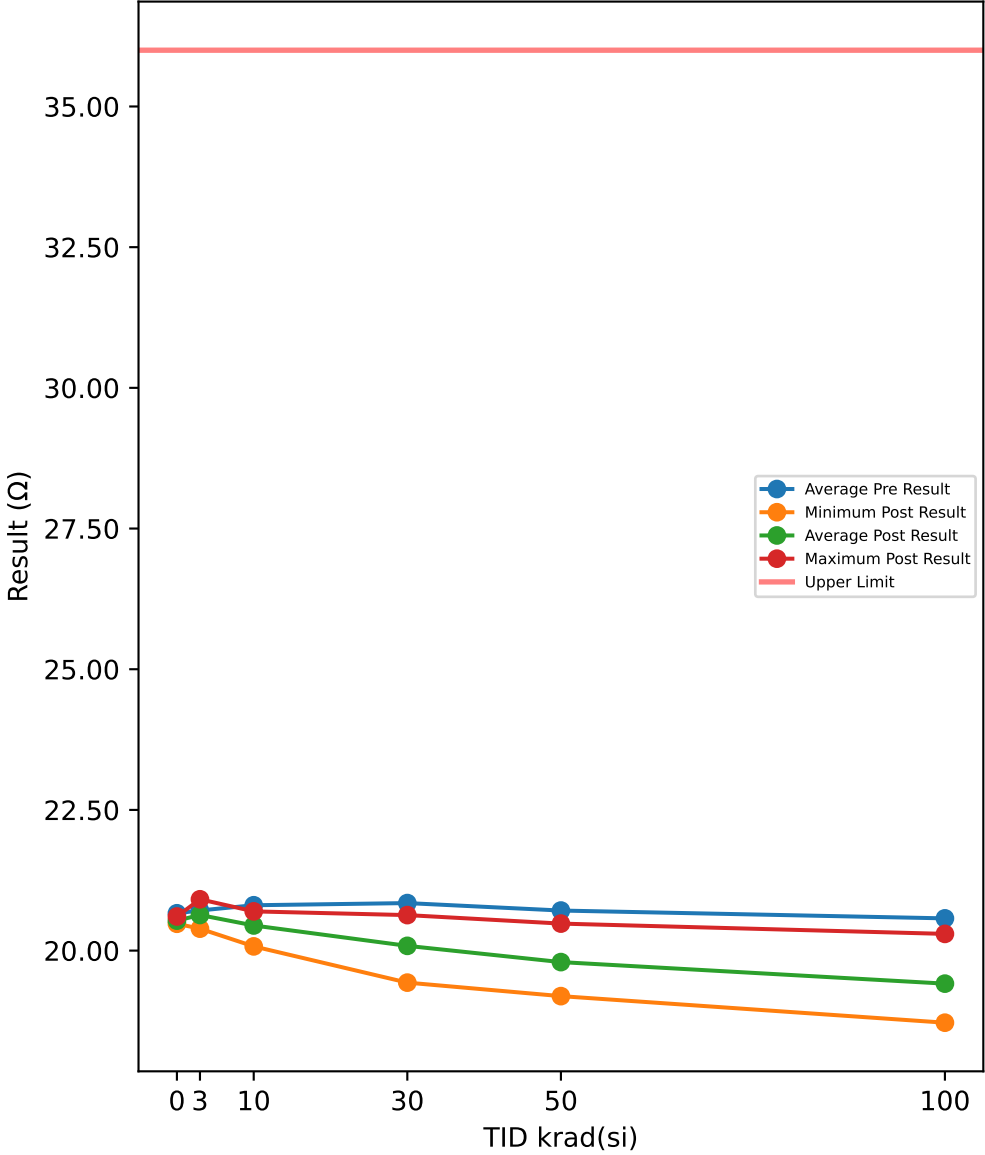
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.639	20.711	20.799	0.081095	20.551	20.599	20.643	0.046177	-0.156	-0.112	-0.088	0.038158
3	20.584	20.846	21.049	0.16208	20.511	20.68	20.889	0.13945	-0.315	-0.166	-0.057	0.10743
10	20.583	20.869	21.071	0.16407	20.109	20.523	20.806	0.2038	-0.613	-0.3469	0.02	0.22906
30	20.711	20.912	21.13	0.1389	19.533	20.172	20.713	0.44281	-1.206	-0.7394	-0.316	0.426
50	20.567	20.812	20.993	0.14621	19.303	19.883	20.53	0.49869	-1.536	-0.929	-0.339	0.57203
100	20.541	20.744	21.026	0.15968	18.834	19.511	20.455	0.64574	-1.971	-1.2329	-0.551	0.69881

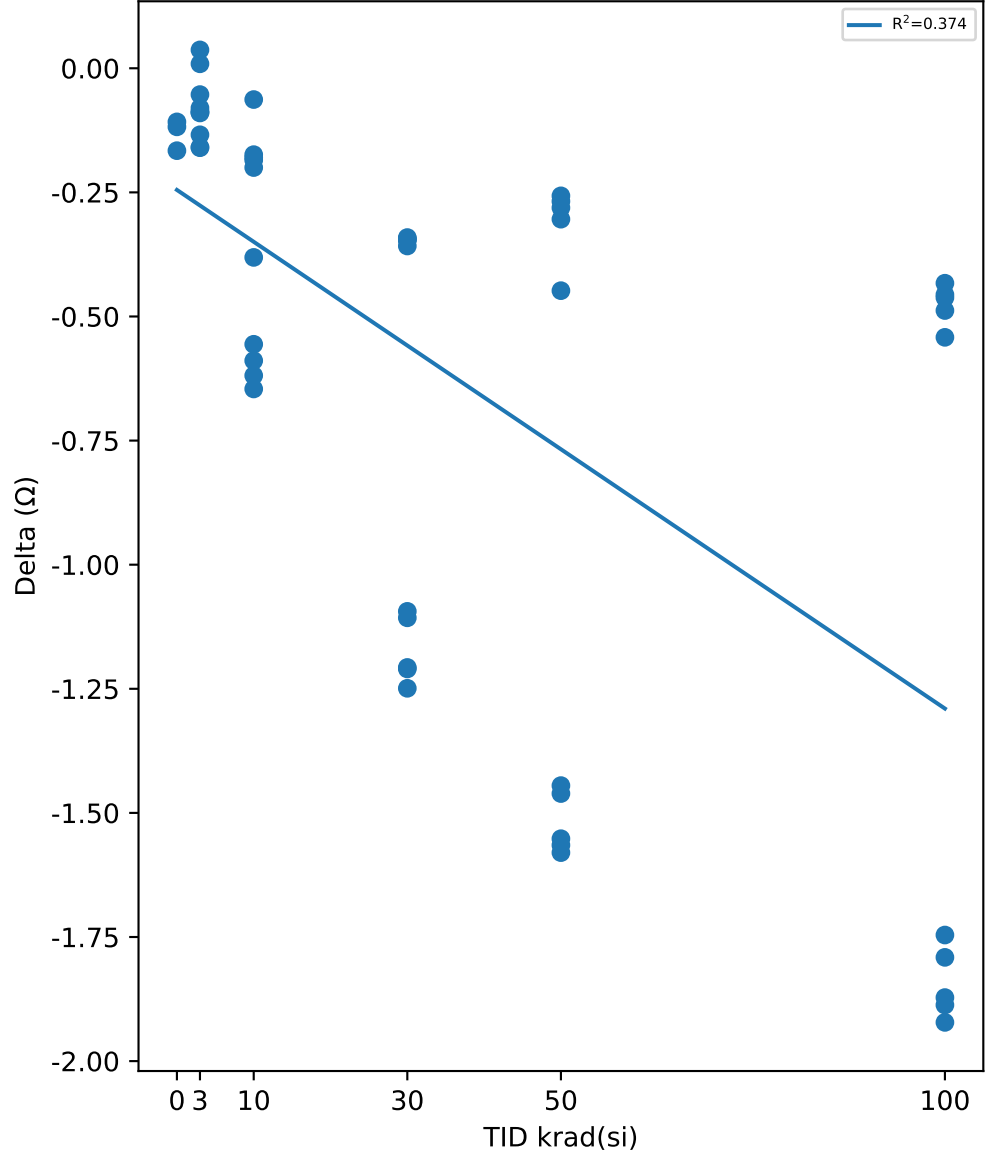
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.772	20.606	-0.166
301	0	Correlation	20.595	20.477	-0.118
302	0	Correlation	20.623	20.515	-0.108
303	3	Bias	20.623	20.489	-0.134
304	3	Bias	20.869	20.709	-0.16
305	3	Bias	20.733	20.574	-0.159
306	3	Bias	20.74	20.65	-0.09
307	3	Bias	20.726	20.735	0.009
308	3	Unbiased	20.875	20.912	0.037
309	3	Unbiased	20.649	20.569	-0.08
310	3	Unbiased	20.881	20.828	-0.053
311	3	Unbiased	20.56	20.473	-0.087
312	3	Unbiased	20.479	20.39	-0.089
313	10	Bias	20.967	20.411	-0.556
314	10	Bias	20.664	20.075	-0.589
315	10	Bias	20.89	20.244	-0.646
316	10	Bias	20.742	20.568	-0.174
317	10	Bias	21.008	20.389	-0.619
318	10	Unbiased	20.482	20.302	-0.18
319	10	Unbiased	20.83	20.645	-0.185
320	10	Unbiased	20.76	20.697	-0.063
321	10	Unbiased	20.931	20.55	-0.381
322	10	Unbiased	20.785	20.585	-0.2
323	30	Bias	20.971	19.864	-1.107
324	30	Bias	20.819	19.725	-1.094
325	30	Bias	20.746	19.497	-1.249
326	30	Bias	20.641	19.431	-1.21
327	30	Bias	21.089	19.882	-1.207
328	30	Unbiased	20.691	20.348	-0.343
329	30	Unbiased	20.972	20.631	-0.341
330	30	Unbiased	20.616	20.27	-0.346
331	30	Unbiased	20.981	20.623	-0.358
332	30	Unbiased	20.919	20.573	-0.346
333	50	Bias	20.786	19.341	-1.445
334	50	Bias	20.652	19.191	-1.461
335	50	Bias	20.868	19.303	-1.565
336	50	Bias	20.983	19.431	-1.552
337	50	Bias	20.936	19.356	-1.58
338	50	Unbiased	20.728	20.28	-0.448
339	50	Unbiased	20.399	20.142	-0.257
340	50	Unbiased	20.532	20.228	-0.304
341	50	Unbiased	20.748	20.48	-0.268
342	50	Unbiased	20.487	20.206	-0.281
343	100	Bias	20.465	18.719	-1.746
344	100	Bias	20.69	18.899	-1.791
345	100	Bias	20.614	18.742	-1.872
346	100	Bias	20.864	18.942	-1.922
347	100	Bias	20.746	18.859	-1.887
348	100	Unbiased	20.432	19.97	-0.462
349	100	Unbiased	20.73	20.297	-0.433
350	100	Unbiased	20.439	19.897	-0.542
351	100	Unbiased	20.49	20.002	-0.488
352	100	Unbiased	20.259	19.803	-0.456

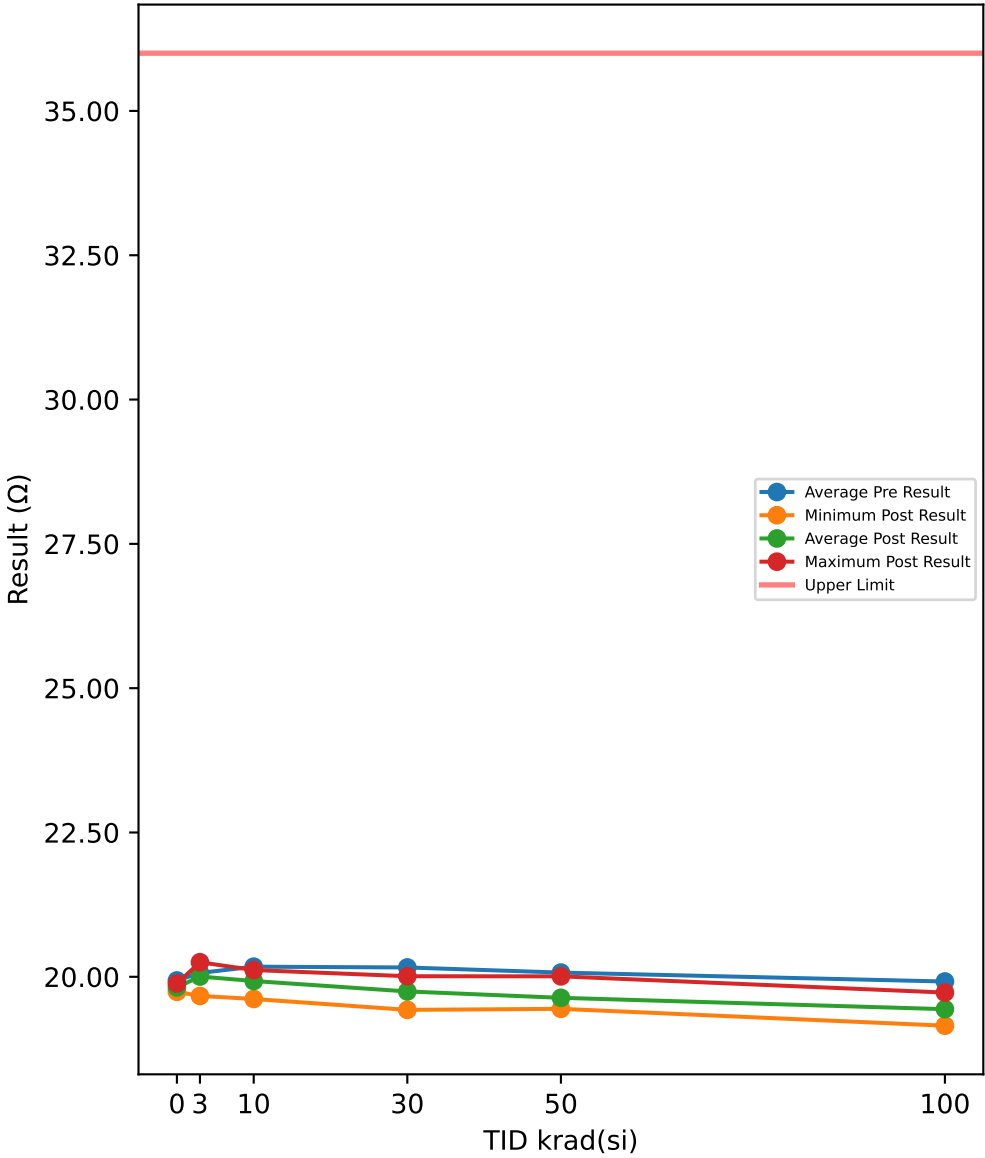
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.595	20.663	20.772	0.095144	20.477	20.533	20.606	0.06629	-0.166	-0.13067	-0.108	0.031005
3	20.479	20.713	20.881	0.13762	20.39	20.633	20.912	0.16509	-0.16	-0.0806	0.037	0.065083
10	20.482	20.806	21.008	0.15698	20.075	20.447	20.697	0.19756	-0.646	-0.3593	-0.063	0.224
30	20.616	20.845	21.089	0.16457	19.431	20.084	20.631	0.46215	-1.249	-0.7601	-0.341	0.43808
50	20.399	20.712	20.983	0.19424	19.191	19.796	20.48	0.50766	-1.58	-0.9161	-0.257	0.6407
100	20.259	20.573	20.864	0.18548	18.719	19.413	20.297	0.62803	-1.922	-1.1599	-0.433	0.72284

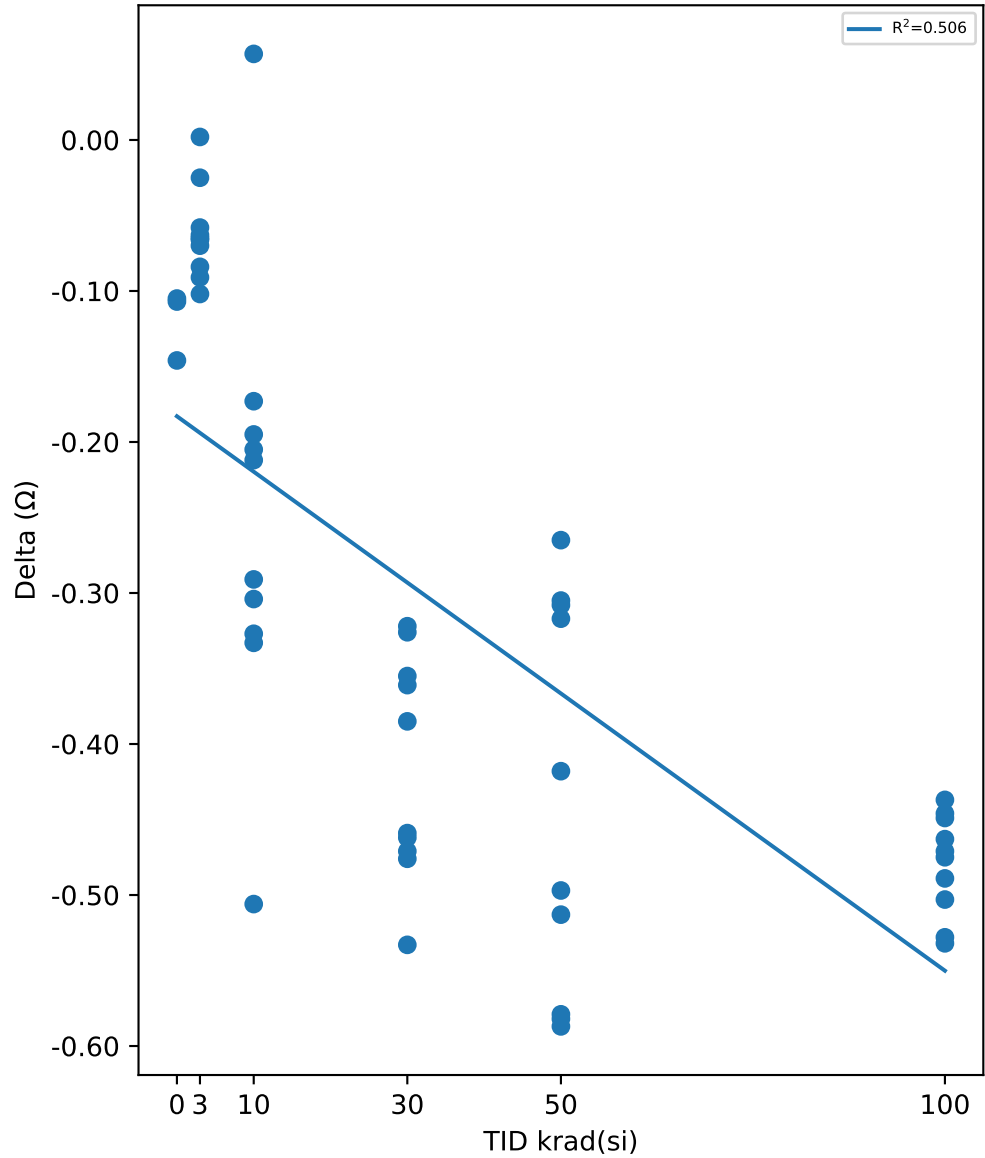
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.029	19.883	-0.146
301	0	Correlation	19.847	19.74	-0.107
302	0	Correlation	19.933	19.828	-0.105
303	3	Bias	19.976	19.885	-0.091
304	3	Bias	20.317	20.252	-0.065
305	3	Bias	20.192	20.09	-0.102
306	3	Bias	20.089	20.023	-0.066
307	3	Bias	20.135	20.11	-0.025
308	3	Unbiased	20.211	20.213	0.002
309	3	Unbiased	19.949	19.865	-0.084
310	3	Unbiased	20.242	20.184	-0.058
311	3	Unbiased	19.83	19.76	-0.07
312	3	Unbiased	19.731	19.668	-0.063
313	10	Bias	20.338	20.034	-0.304
314	10	Bias	19.987	19.696	-0.291
315	10	Bias	20.318	19.991	-0.327
316	10	Bias	20.04	19.845	-0.195
317	10	Bias	20.45	20.117	-0.333
318	10	Unbiased	19.789	19.616	-0.173
319	10	Unbiased	20.204	19.999	-0.205
320	10	Unbiased	20.049	20.106	0.057
321	10	Unbiased	20.359	19.853	-0.506
322	10	Unbiased	20.221	20.009	-0.212
323	30	Bias	20.333	19.857	-0.476
324	30	Bias	20.143	19.681	-0.462
325	30	Bias	20.036	19.565	-0.471
326	30	Bias	19.886	19.427	-0.459
327	30	Bias	20.503	19.97	-0.533
328	30	Unbiased	19.941	19.615	-0.326
329	30	Unbiased	20.365	20.01	-0.355
330	30	Unbiased	19.89	19.568	-0.322
331	30	Unbiased	20.283	19.898	-0.385
332	30	Unbiased	20.235	19.874	-0.361
333	50	Bias	20.062	19.549	-0.513
334	50	Bias	19.962	19.465	-0.497
335	50	Bias	20.276	19.697	-0.579
336	50	Bias	20.34	19.758	-0.582
337	50	Bias	20.258	19.671	-0.587
338	50	Unbiased	20.012	19.594	-0.418
339	50	Unbiased	19.71	19.445	-0.265
340	50	Unbiased	19.969	19.661	-0.308
341	50	Unbiased	20.325	20.008	-0.317
342	50	Unbiased	19.817	19.512	-0.305
343	100	Bias	19.757	19.294	-0.463
344	100	Bias	20.073	19.57	-0.503
345	100	Bias	20.098	19.566	-0.532
346	100	Bias	20.103	19.614	-0.489
347	100	Bias	19.944	19.495	-0.449
348	100	Unbiased	19.825	19.379	-0.446
349	100	Unbiased	20.198	19.727	-0.471
350	100	Unbiased	19.776	19.248	-0.528
351	100	Unbiased	19.821	19.346	-0.475
352	100	Unbiased	19.59	19.153	-0.437

TID vs Post - Pre Exposure Delta

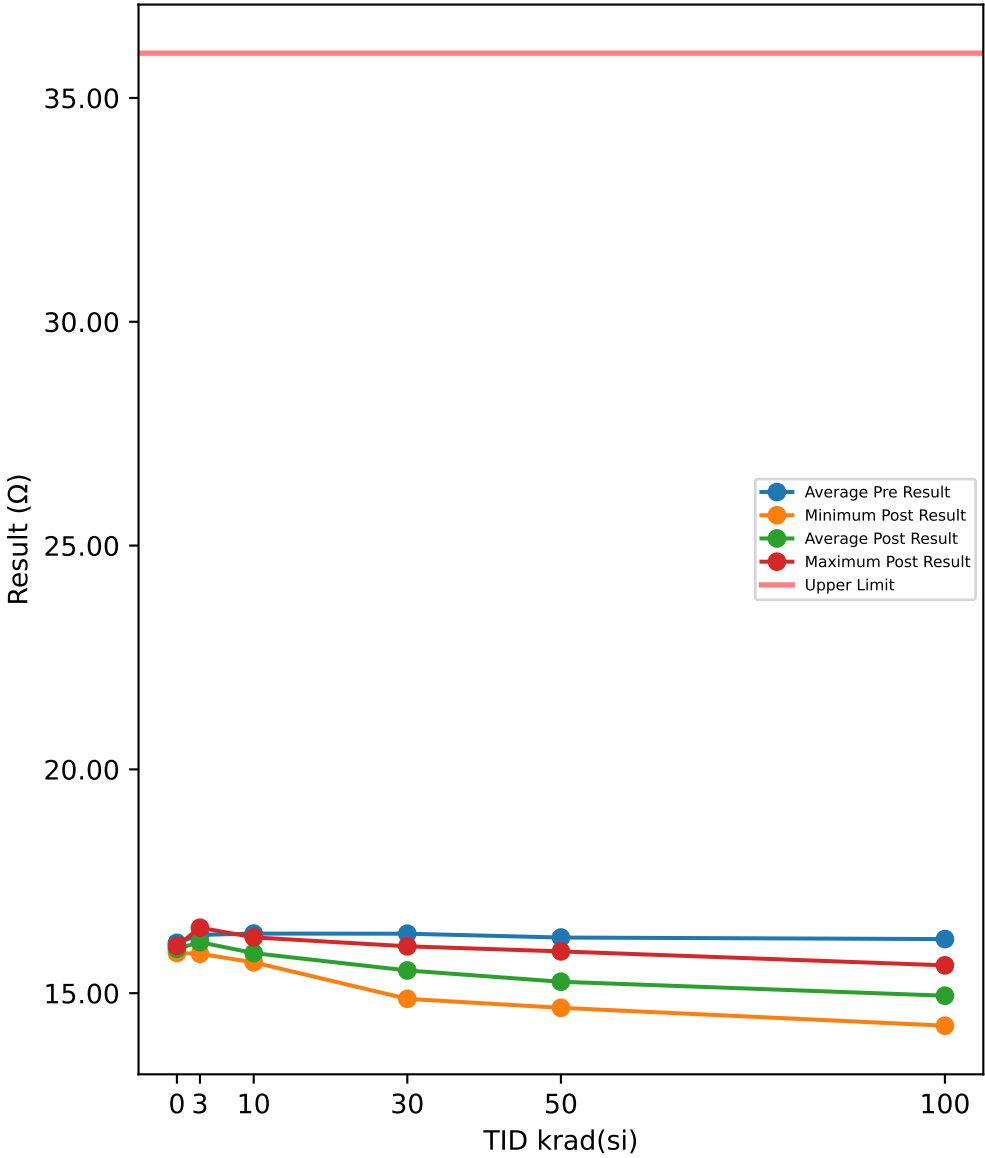


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.847	19.936	20.029	0.091046	19.74	19.817	19.883	0.072132	-0.146	-0.11933	-0.105	0.023116
3	19.731	20.067	20.317	0.19028	19.668	20.005	20.252	0.20069	-0.102	-0.0622	0.002	0.030724
10	19.789	20.175	20.45	0.20491	19.616	19.927	20.117	0.16927	-0.506	-0.2489	0.057	0.14515
30	19.886	20.162	20.503	0.21652	19.427	19.747	20.01	0.1998	-0.533	-0.415	-0.322	0.07372
50	19.71	20.073	20.34	0.21972	19.445	19.636	20.008	0.16642	-0.587	-0.4371	-0.265	0.12973
100	19.59	19.919	20.198	0.19478	19.153	19.439	19.727	0.18304	-0.532	-0.4793	-0.437	0.03329

Device Test: 18.28 ; PWRGD_RNMOS

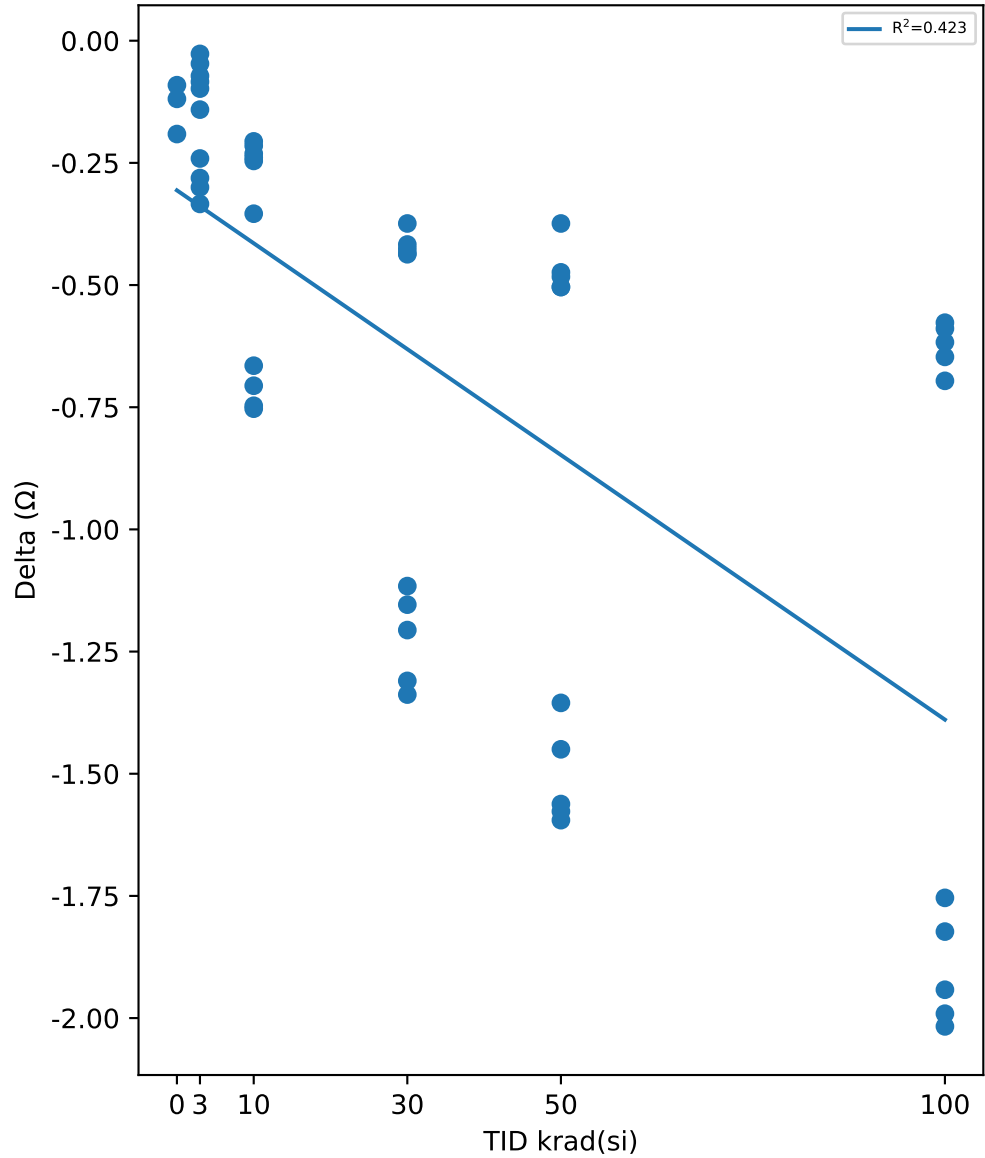
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	16.249	16.058	-0.191
301	0	Correlation	15.99	15.899	-0.091
302	0	Correlation	16.137	16.018	-0.119
303	3	Bias	16.413	16.113	-0.3
304	3	Bias	16.511	16.23	-0.281
305	3	Bias	16.356	16.022	-0.334
306	3	Bias	16.121	15.88	-0.241
307	3	Bias	16.43	16.383	-0.047
308	3	Unbiased	16.49	16.463	-0.027
309	3	Unbiased	16.243	16.102	-0.141
310	3	Unbiased	16.423	16.351	-0.072
311	3	Unbiased	15.999	15.915	-0.084
312	3	Unbiased	16.04	15.942	-0.098
313	10	Bias	16.375	15.71	-0.665
314	10	Bias	16.462	15.756	-0.706
315	10	Bias	16.471	15.718	-0.753
316	10	Bias	16.143	15.912	-0.231
317	10	Bias	16.436	15.689	-0.747
318	10	Unbiased	16.196	15.95	-0.246
319	10	Unbiased	16.463	16.248	-0.215
320	10	Unbiased	16.119	15.913	-0.206
321	10	Unbiased	16.228	15.874	-0.354
322	10	Unbiased	16.425	16.186	-0.239
323	30	Bias	16.642	15.436	-1.206
324	30	Bias	16.266	15.15	-1.116
325	30	Bias	16.41	15.1	-1.31
326	30	Bias	16.028	14.874	-1.154
327	30	Bias	16.647	15.309	-1.338
328	30	Unbiased	16.134	15.76	-0.374
329	30	Unbiased	16.367	15.941	-0.426
330	30	Unbiased	16.123	15.706	-0.417
331	30	Unbiased	16.19	15.755	-0.435
332	30	Unbiased	16.484	16.047	-0.437
333	50	Bias	16.028	14.673	-1.355
334	50	Bias	16.216	14.766	-1.45
335	50	Bias	16.364	14.787	-1.577
336	50	Bias	16.318	14.756	-1.562
337	50	Bias	16.352	14.757	-1.595
338	50	Unbiased	16.192	15.688	-0.504
339	50	Unbiased	15.989	15.615	-0.374
340	50	Unbiased	16.36	15.856	-0.504
341	50	Unbiased	16.417	15.934	-0.483
342	50	Unbiased	16.2	15.726	-0.474
343	100	Bias	16.028	14.274	-1.754
344	100	Bias	16.201	14.378	-1.823
345	100	Bias	16.4	14.409	-1.991
346	100	Bias	16.467	14.45	-2.017
347	100	Bias	16.3	14.358	-1.942
348	100	Unbiased	16.104	15.515	-0.589
349	100	Unbiased	16.239	15.622	-0.617
350	100	Unbiased	16.166	15.47	-0.696
351	100	Unbiased	16.196	15.549	-0.647
352	100	Unbiased	15.988	15.411	-0.577

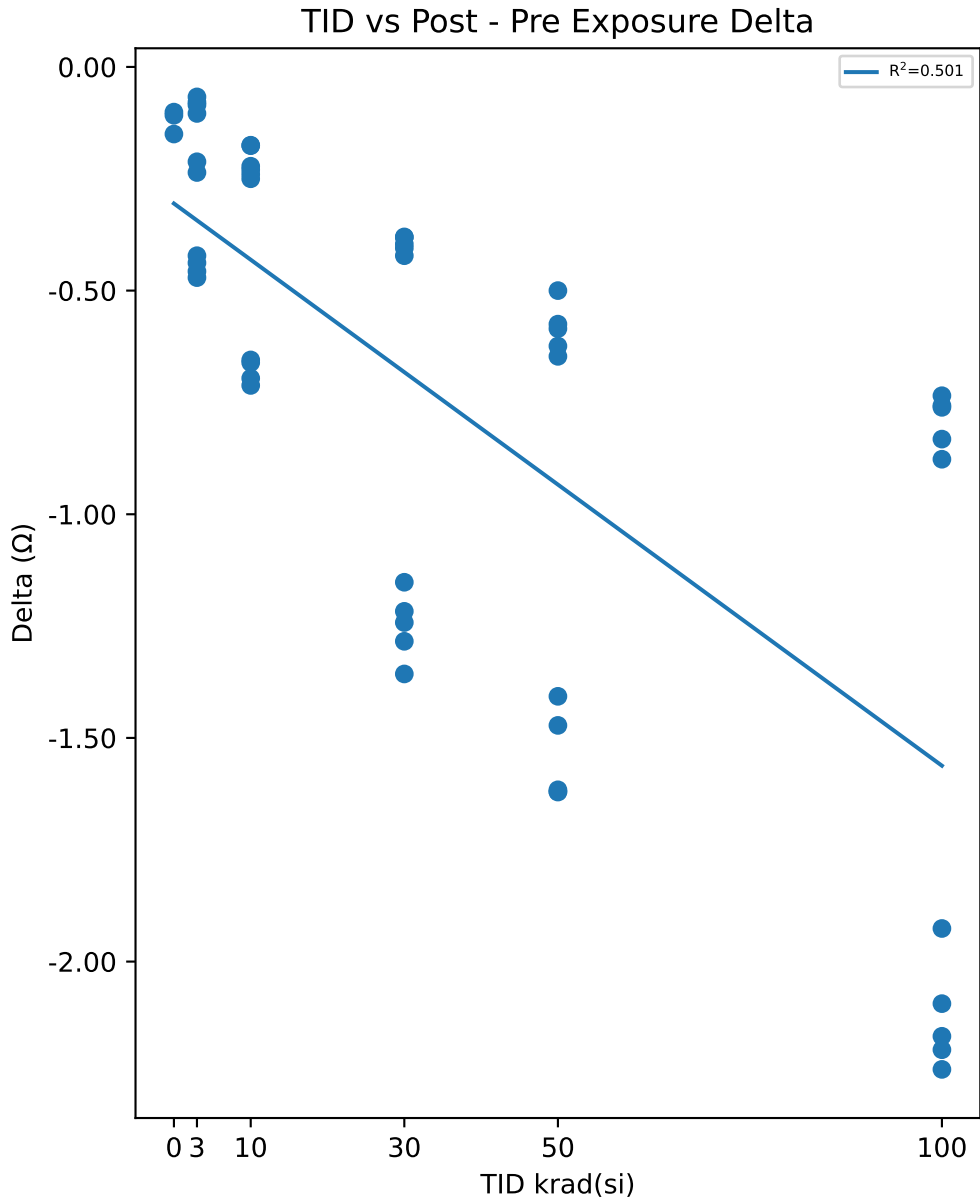
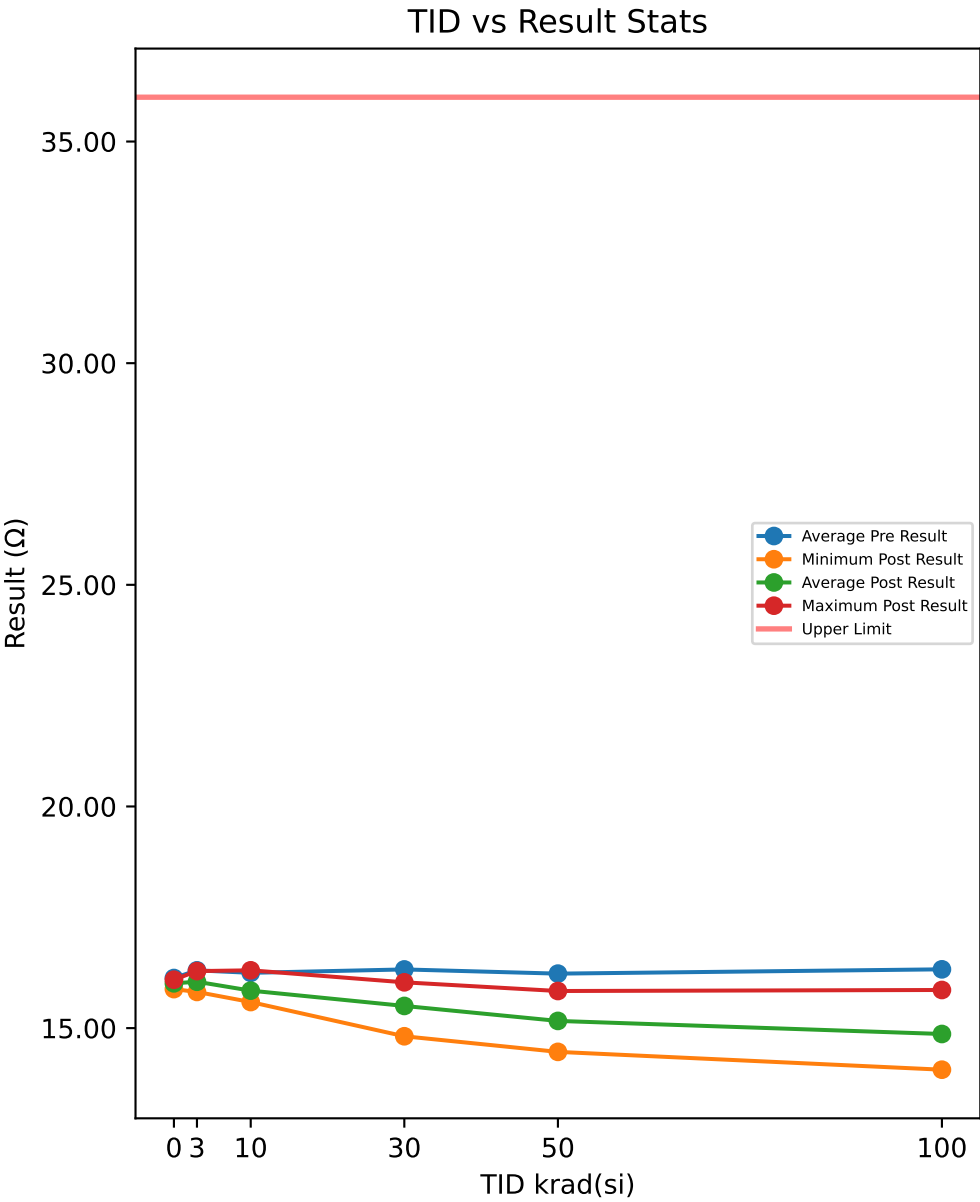
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.99	16.125	16.249	0.12989	15.899	15.992	16.058	0.082706	-0.191	-0.13367	-0.091	0.051588
3	15.999	16.303	16.511	0.18914	15.88	16.14	16.463	0.20804	-0.334	-0.1625	-0.027	0.11508
10	16.119	16.332	16.471	0.14341	15.689	15.896	16.248	0.19456	-0.753	-0.4362	-0.206	0.24675
30	16.028	16.329	16.647	0.21743	14.874	15.508	16.047	0.39202	-1.338	-0.8213	-0.374	0.43051
50	15.989	16.244	16.417	0.14607	14.673	15.256	15.934	0.54314	-1.595	-0.9878	-0.374	0.55354
100	15.988	16.209	16.467	0.15163	14.274	14.944	15.622	0.60456	-2.017	-1.2653	-0.577	0.67965

Device Test: 18.29 ; WDO_RNMOS



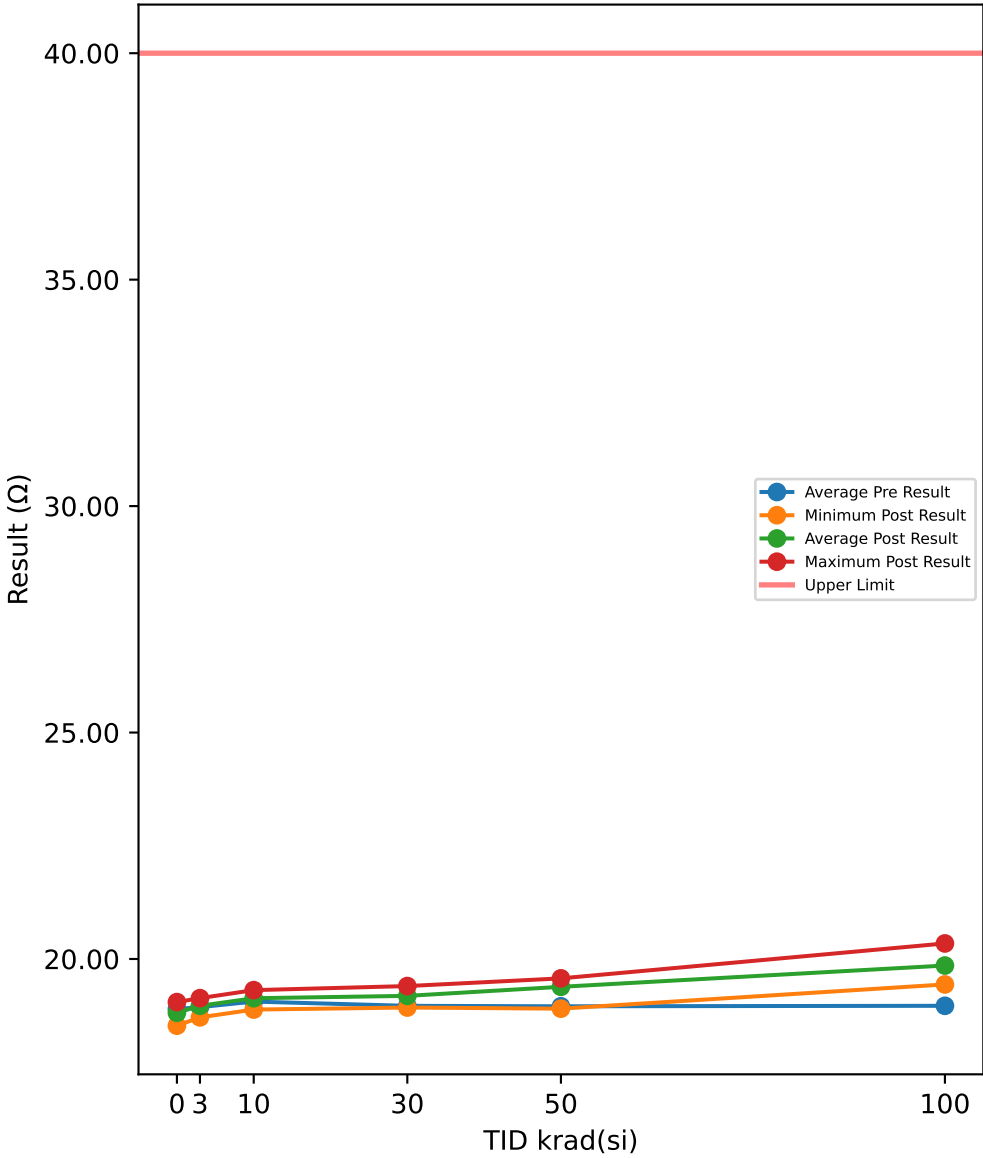
Test Results (Upper Limit = 36.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	16.242	16.092	-0.15
301	0	Correlation	15.981	15.88	-0.101
302	0	Correlation	16.167	16.059	-0.108
303	3	Bias	16.461	16.023	-0.438
304	3	Bias	16.499	16.042	-0.457
305	3	Bias	16.489	16.018	-0.471
306	3	Bias	16.382	15.96	-0.422
307	3	Bias	16.501	16.265	-0.236
308	3	Unbiased	16.498	16.286	-0.212
309	3	Unbiased	16.127	16.023	-0.104
310	3	Unbiased	16.225	16.158	-0.067
311	3	Unbiased	15.954	15.869	-0.085
312	3	Unbiased	15.895	15.816	-0.079
313	10	Bias	16.383	15.728	-0.655
314	10	Bias	16.249	15.588	-0.661
315	10	Bias	16.348	15.636	-0.712
316	10	Bias	16.122	15.892	-0.23
317	10	Bias	16.362	15.666	-0.696
318	10	Unbiased	15.907	15.731	-0.176
319	10	Unbiased	16.479	16.304	-0.175
320	10	Unbiased	16.159	15.919	-0.24
321	10	Unbiased	16.177	15.927	-0.25
322	10	Unbiased	16.284	16.062	-0.222
323	30	Bias	16.622	15.405	-1.217
324	30	Bias	16.283	15.131	-1.152
325	30	Bias	16.213	14.929	-1.284
326	30	Bias	16.058	14.816	-1.242
327	30	Bias	16.711	15.354	-1.357
328	30	Unbiased	16.168	15.788	-0.38
329	30	Unbiased	16.361	15.98	-0.381
330	30	Unbiased	16.139	15.734	-0.405
331	30	Unbiased	16.253	15.831	-0.422
332	30	Unbiased	16.429	16.033	-0.396
333	50	Bias	15.871	14.464	-1.407
334	50	Bias	16.144	14.672	-1.472
335	50	Bias	16.261	14.645	-1.616
336	50	Bias	16.328	14.708	-1.62
337	50	Bias	16.271	14.65	-1.621
338	50	Unbiased	16.187	15.687	-0.5
339	50	Unbiased	16.227	15.652	-0.575
340	50	Unbiased	16.366	15.719	-0.647
341	50	Unbiased	16.461	15.837	-0.624
342	50	Unbiased	16.174	15.589	-0.585
343	100	Bias	15.988	14.062	-1.926
344	100	Bias	16.362	14.268	-2.094
345	100	Bias	16.377	14.21	-2.167
346	100	Bias	16.581	14.34	-2.241
347	100	Bias	16.445	14.248	-2.197
348	100	Unbiased	16.164	15.403	-0.761
349	100	Unbiased	16.617	15.86	-0.757
350	100	Unbiased	16.368	15.491	-0.877
351	100	Unbiased	16.387	15.555	-0.832
352	100	Unbiased	15.972	15.237	-0.735

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.981	16.13	16.242	0.13438	15.88	16.01	16.092	0.11407	-0.15	-0.11967	-0.101	0.026502
3	15.895	16.303	16.501	0.23729	15.816	16.046	16.286	0.15333	-0.471	-0.2571	-0.067	0.17289
10	15.907	16.247	16.479	0.16364	15.588	15.845	16.304	0.22127	-0.712	-0.4017	-0.175	0.24211
30	16.058	16.324	16.711	0.21064	14.816	15.5	16.033	0.43744	-1.357	-0.8236	-0.38	0.45291
50	15.871	16.229	16.461	0.15824	14.464	15.162	15.837	0.57026	-1.621	-1.0667	-0.5	0.51232
100	15.972	16.326	16.617	0.22087	14.062	14.867	15.86	0.697	-2.241	-1.4587	-0.735	0.70827

Device Test: 18.3 ; RESET_RPMOS_LOW_V

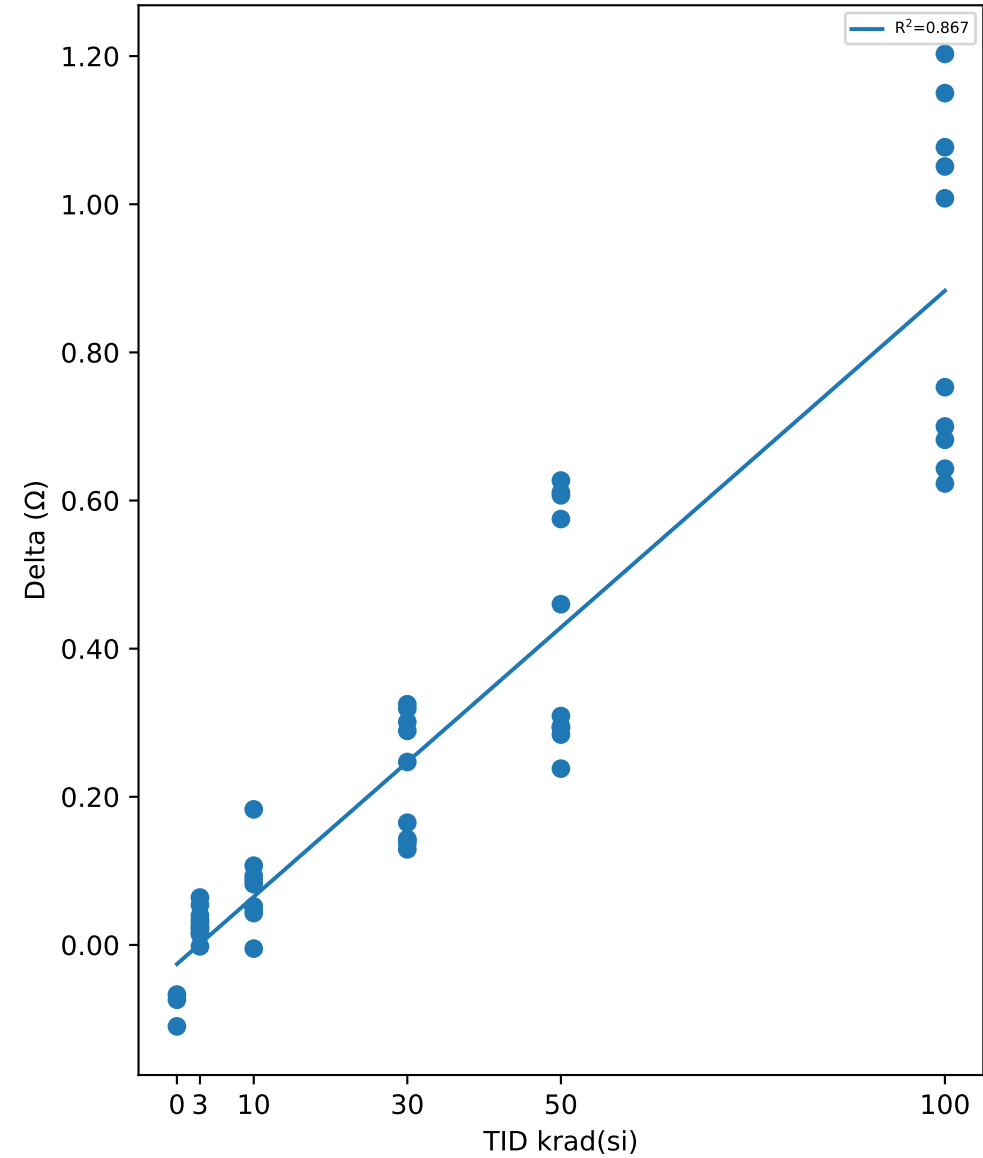
TID vs Result Stats



Test Results (Upper Limit = 40.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	18.967	18.857	-0.11
301	0	Correlation	18.601	18.527	-0.074
302	0	Correlation	19.115	19.048	-0.067
303	3	Bias	19.007	19.005	-0.002
304	3	Bias	19.016	19.03	0.014
305	3	Bias	18.871	18.888	0.017
306	3	Bias	18.987	19.01	0.023
307	3	Bias	19.106	19.135	0.029
308	3	Unbiased	18.978	19.032	0.054
309	3	Unbiased	18.972	19.012	0.04
310	3	Unbiased	19.058	19.122	0.064
311	3	Unbiased	18.688	18.711	0.023
312	3	Unbiased	18.683	18.717	0.034
313	10	Bias	18.904	18.955	0.051
314	10	Bias	18.98	19.03	0.05
315	10	Bias	19.229	19.281	0.052
316	10	Bias	18.776	18.883	0.107
317	10	Bias	19.218	19.261	0.043
318	10	Unbiased	18.907	18.989	0.082
319	10	Unbiased	19.157	19.245	0.088
320	10	Unbiased	19.213	19.208	-0.005
321	10	Unbiased	19.129	19.312	0.183
322	10	Unbiased	19.078	19.171	0.093
323	30	Bias	18.969	19.11	0.141
324	30	Bias	18.927	19.056	0.129
325	30	Bias	19.119	19.284	0.165
326	30	Bias	18.791	18.928	0.137
327	30	Bias	19.07	19.213	0.143
328	30	Unbiased	18.926	19.215	0.289
329	30	Unbiased	19.02	19.267	0.247
330	30	Unbiased	18.714	19.015	0.301
331	30	Unbiased	19.039	19.364	0.325
332	30	Unbiased	19.083	19.402	0.319
333	50	Bias	18.665	18.903	0.238
334	50	Bias	19.185	19.469	0.284
335	50	Bias	19.081	19.39	0.309
336	50	Bias	18.941	19.234	0.293
337	50	Bias	19.24	19.535	0.295
338	50	Unbiased	18.751	19.211	0.46
339	50	Unbiased	18.956	19.531	0.575
340	50	Unbiased	18.945	19.572	0.627
341	50	Unbiased	18.863	19.474	0.611
342	50	Unbiased	18.927	19.534	0.607
343	100	Bias	18.815	19.438	0.623
344	100	Bias	18.962	19.605	0.643
345	100	Bias	18.8	19.482	0.682
346	100	Bias	19.272	20.025	0.753
347	100	Bias	19.04	19.74	0.7
348	100	Unbiased	18.925	19.976	1.051
349	100	Unbiased	19.004	20.012	1.008
350	100	Unbiased	18.977	20.127	1.15
351	100	Unbiased	19.14	20.343	1.203
352	100	Unbiased	18.726	19.803	1.077

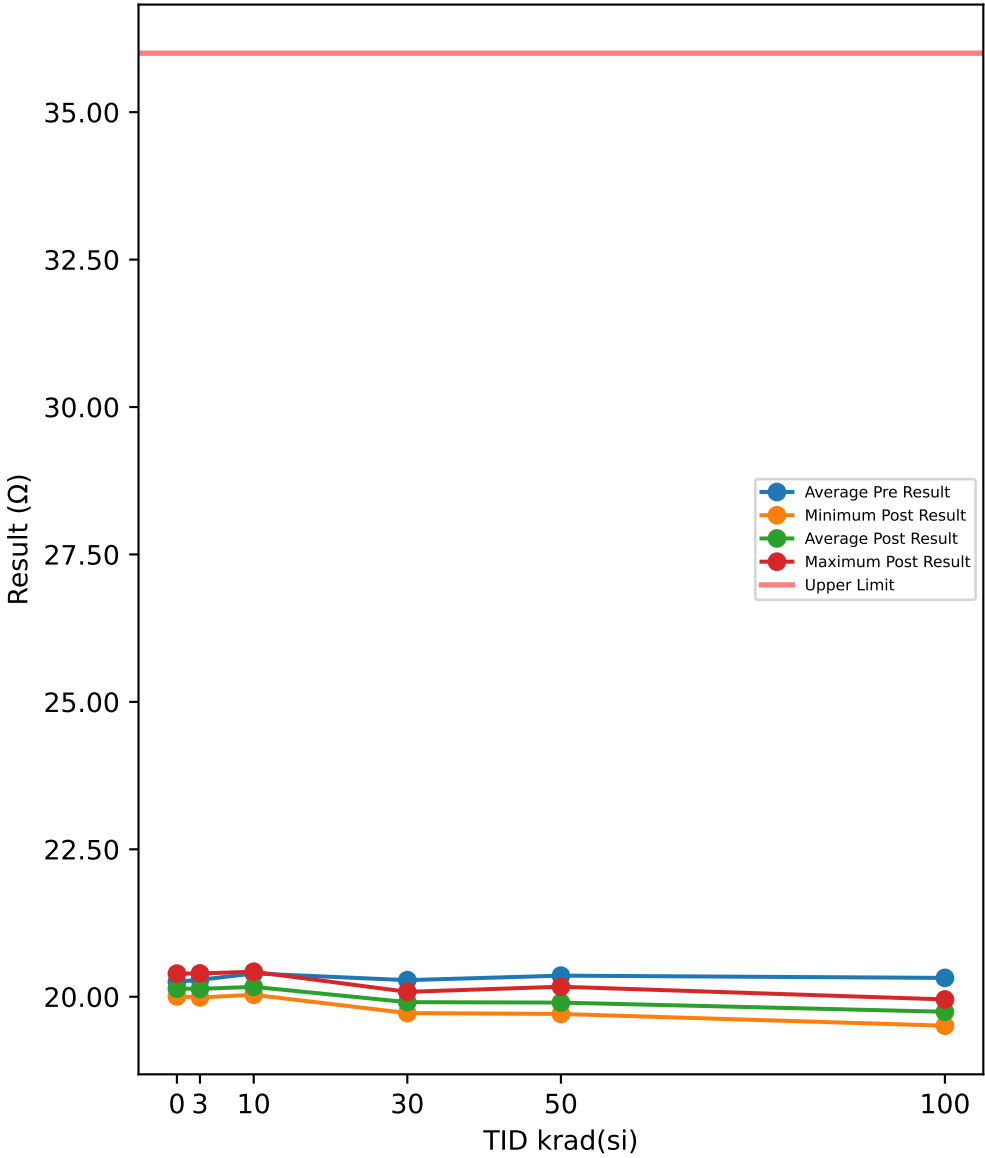
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.601	18.894	19.115	0.26459	18.527	18.811	19.048	0.26357	-0.11	-0.083667	-0.067	0.023072
3	18.683	18.937	19.106	0.14553	18.711	18.966	19.135	0.14908	-0.002	0.0296	0.064	0.01942
10	18.776	19.059	19.229	0.15854	18.883	19.134	19.312	0.15473	-0.005	0.0744	0.183	0.049867
30	18.714	18.966	19.119	0.13056	18.928	19.185	19.402	0.1544	0.129	0.2196	0.325	0.083825
50	18.665	18.955	19.24	0.17803	18.903	19.385	19.572	0.21118	0.238	0.4299	0.627	0.16147
100	18.726	18.966	19.272	0.16351	19.438	19.855	20.343	0.29283	0.623	0.889	1.203	0.22872

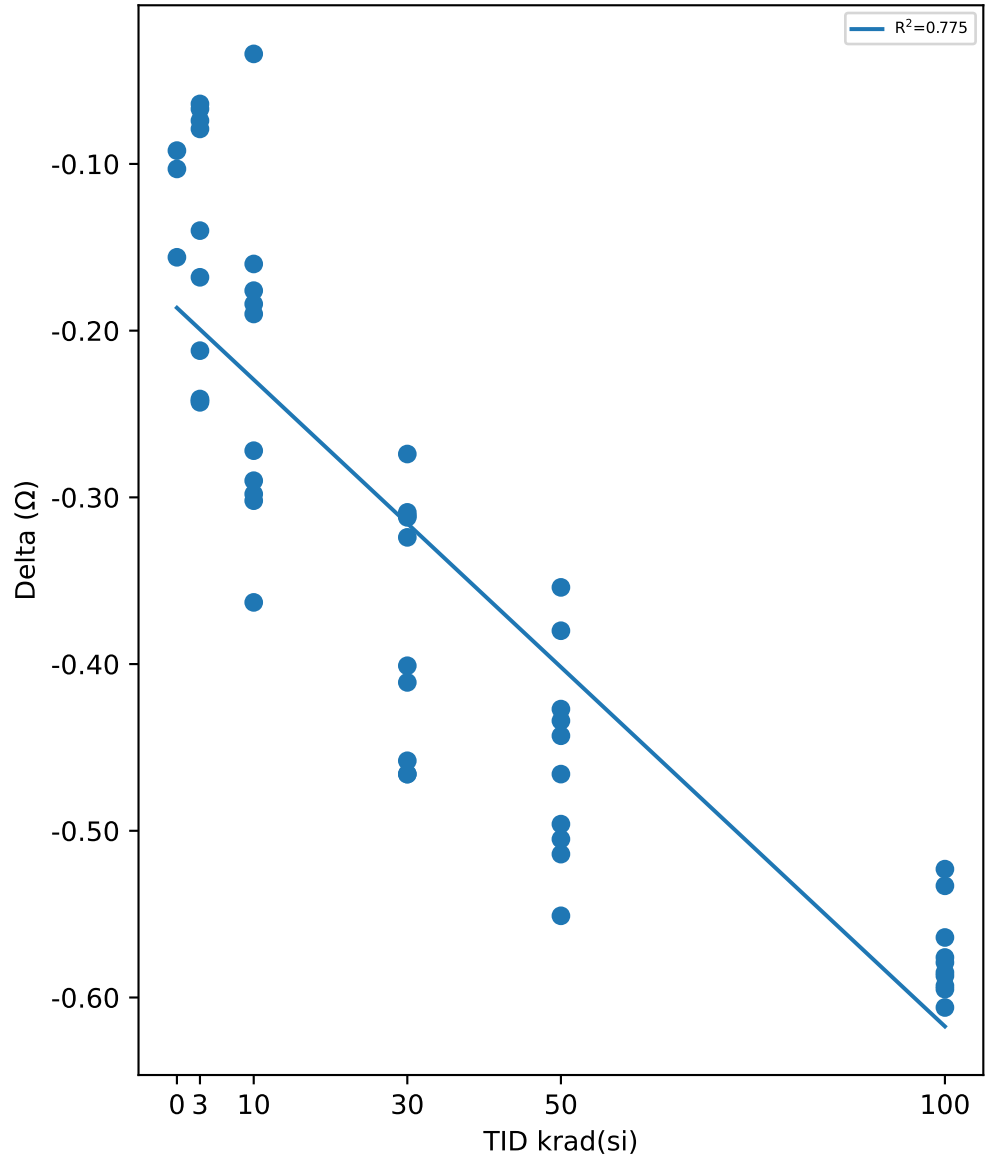
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

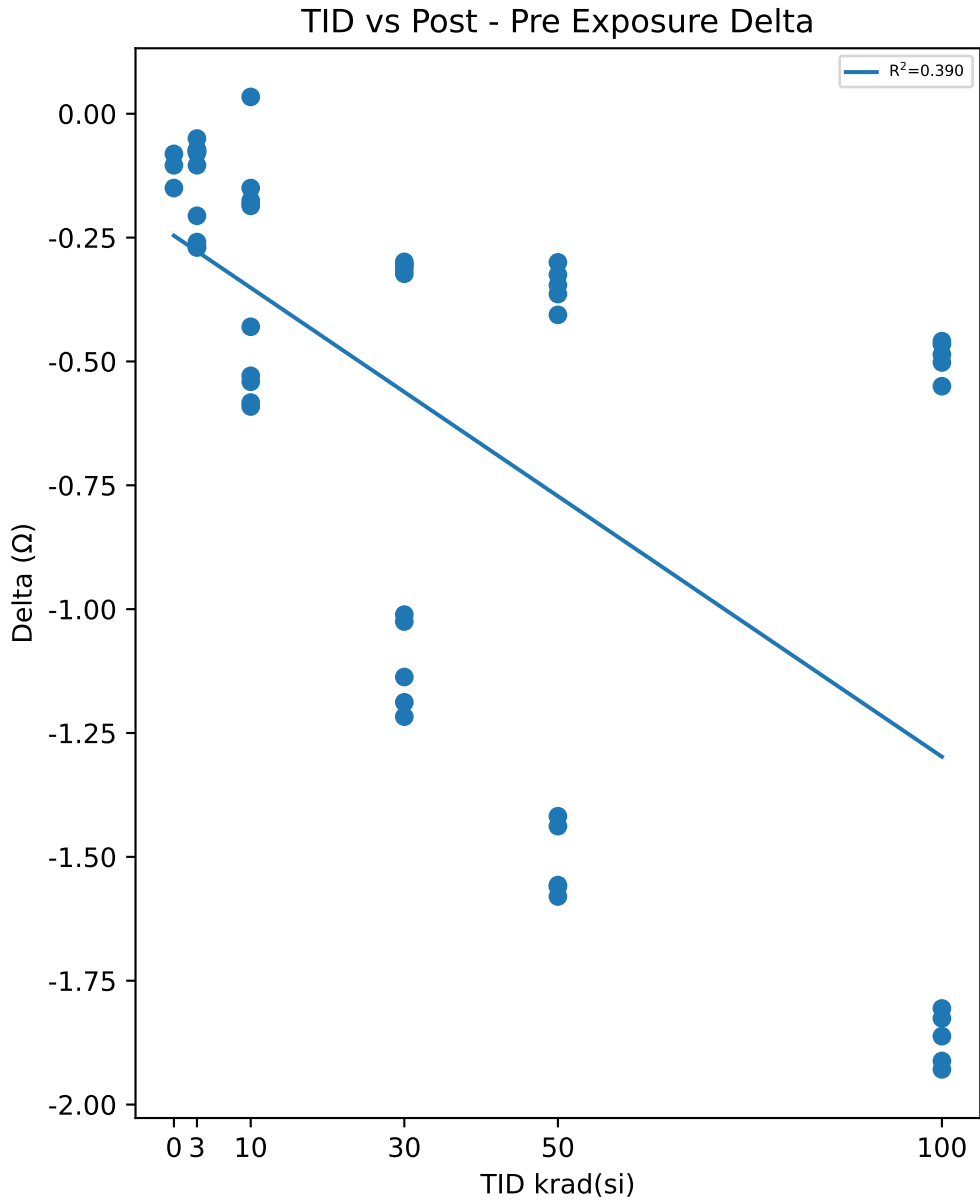
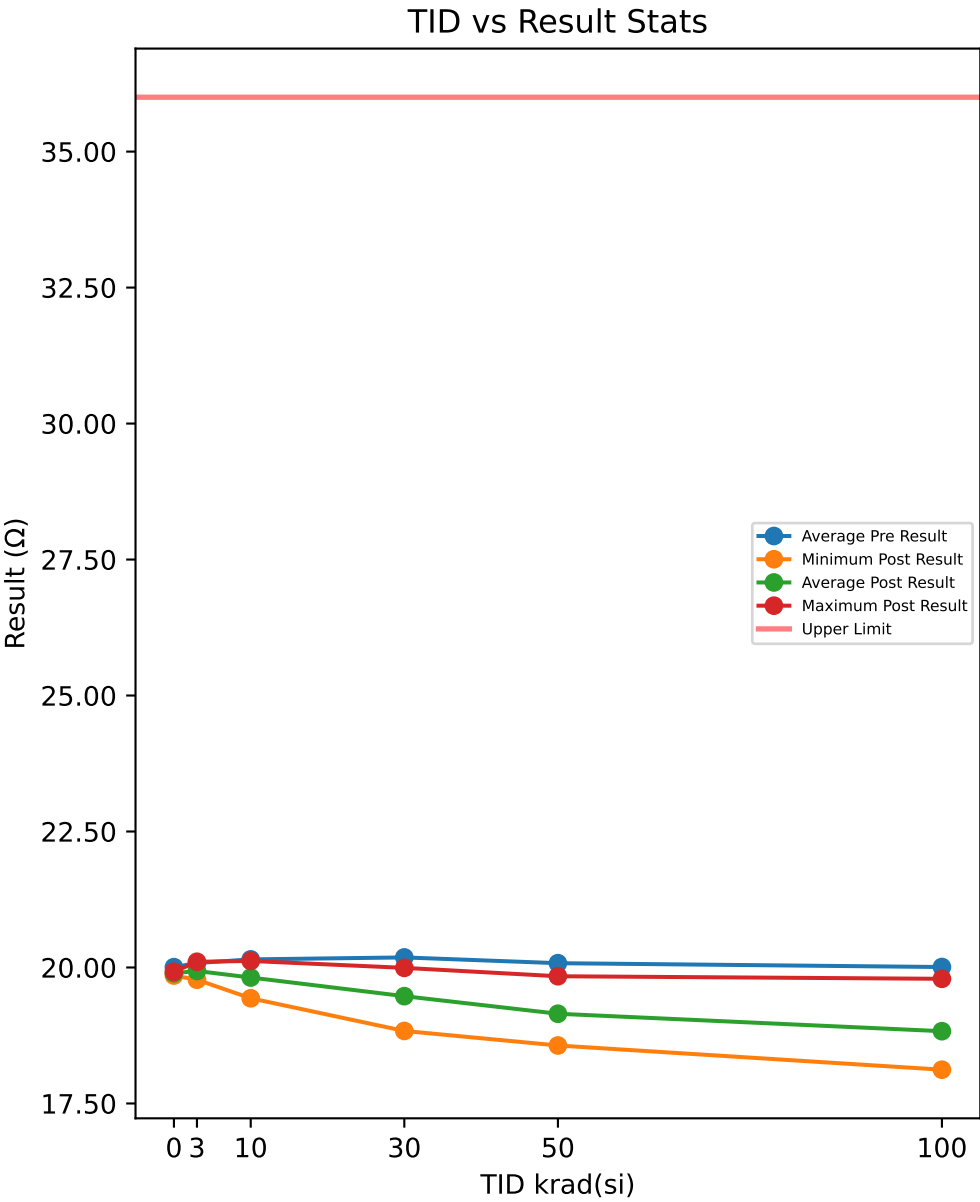
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.161	20.005	-0.156
301	0	Correlation	20.11	20.018	-0.092
302	0	Correlation	20.495	20.392	-0.103
303	3	Bias	20.272	20.031	-0.241
304	3	Bias	20.638	20.395	-0.243
305	3	Bias	20.34	20.098	-0.242
306	3	Bias	20.35	20.138	-0.212
307	3	Bias	20.264	20.096	-0.168
308	3	Unbiased	20.279	20.139	-0.14
309	3	Unbiased	20.403	20.324	-0.079
310	3	Unbiased	20.179	20.115	-0.064
311	3	Unbiased	20.055	19.988	-0.067
312	3	Unbiased	20.085	20.011	-0.074
313	10	Bias	20.382	20.11	-0.272
314	10	Bias	20.488	20.186	-0.302
315	10	Bias	20.329	20.039	-0.29
316	10	Bias	20.363	20.173	-0.19
317	10	Bias	20.355	20.057	-0.298
318	10	Unbiased	20.3	20.124	-0.176
319	10	Unbiased	20.193	20.033	-0.16
320	10	Unbiased	20.539	20.176	-0.363
321	10	Unbiased	20.392	20.358	-0.034
322	10	Unbiased	20.608	20.424	-0.184
323	30	Bias	20.262	19.851	-0.411
324	30	Bias	20.212	19.811	-0.401
325	30	Bias	20.484	20.018	-0.466
326	30	Bias	20.189	19.723	-0.466
327	30	Bias	20.372	19.914	-0.458
328	30	Unbiased	20.11	19.836	-0.274
329	30	Unbiased	20.394	20.083	-0.311
330	30	Unbiased	20.21	19.898	-0.312
331	30	Unbiased	20.318	19.994	-0.324
332	30	Unbiased	20.262	19.953	-0.309
333	50	Bias	20.216	19.75	-0.466
334	50	Bias	20.432	19.936	-0.496
335	50	Bias	20.248	19.734	-0.514
336	50	Bias	20.347	19.842	-0.505
337	50	Bias	20.62	20.069	-0.551
338	50	Unbiased	20.221	19.841	-0.38
339	50	Unbiased	20.062	19.708	-0.354
340	50	Unbiased	20.371	19.928	-0.443
341	50	Unbiased	20.456	20.029	-0.427
342	50	Unbiased	20.604	20.17	-0.434
343	100	Bias	20.238	19.674	-0.564
344	100	Bias	20.352	19.759	-0.593
345	100	Bias	20.296	19.69	-0.606
346	100	Bias	20.472	19.887	-0.585
347	100	Bias	20.395	19.816	-0.579
348	100	Unbiased	20.541	19.954	-0.587
349	100	Unbiased	20.344	19.811	-0.533
350	100	Unbiased	20.104	19.509	-0.595
351	100	Unbiased	20.352	19.776	-0.576
352	100	Unbiased	20.1	19.577	-0.523

TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

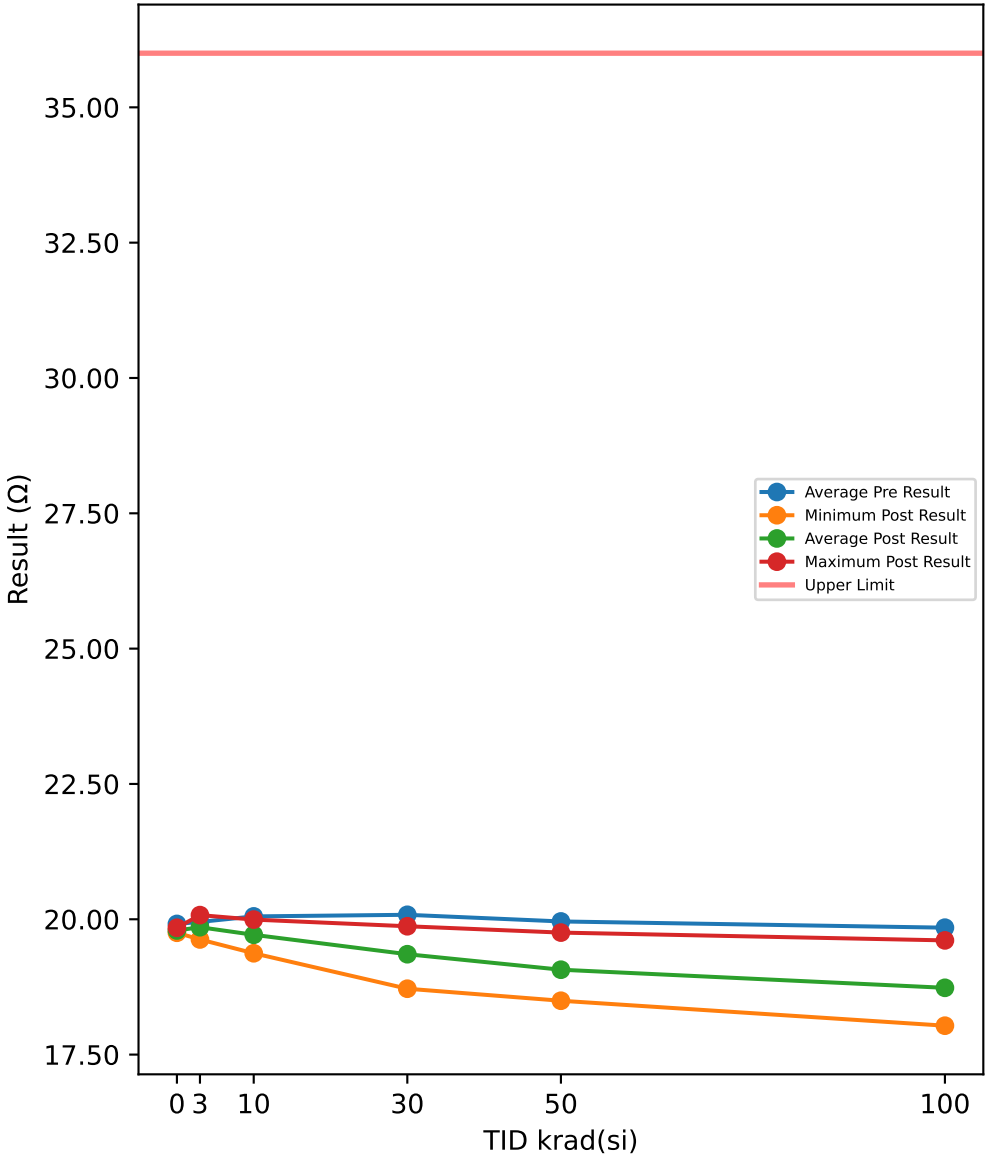
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.11	20.255	20.495	0.20912	20.005	20.138	20.392	0.21978	-0.156	-0.117	-0.092	0.03422
3	20.055	20.287	20.638	0.16685	19.988	20.134	20.395	0.13099	-0.243	-0.153	-0.064	0.077942
10	20.193	20.395	20.608	0.12099	20.033	20.168	20.424	0.13104	-0.363	-0.2269	-0.034	0.095866
30	20.11	20.281	20.484	0.11148	19.723	19.908	20.083	0.10768	-0.466	-0.3732	-0.274	0.074992
50	20.062	20.358	20.62	0.17738	19.708	19.901	20.17	0.15418	-0.551	-0.457	-0.354	0.061603
100	20.1	20.319	20.541	0.14242	19.509	19.745	19.954	0.13597	-0.606	-0.5741	-0.523	0.02693



Test Results (Upper Limit = 36.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.06	19.91	-0.15
301	0	Correlation	19.956	19.852	-0.104
302	0	Correlation	20.003	19.922	-0.081
303	3	Bias	20.124	19.865	-0.259
304	3	Bias	20.142	19.873	-0.269
305	3	Bias	20.281	20.011	-0.27
306	3	Bias	20.128	19.922	-0.206
307	3	Bias	20.104	20	-0.104
308	3	Unbiased	20.17	20.096	-0.074
309	3	Unbiased	19.905	19.829	-0.076
310	3	Unbiased	20.155	20.105	-0.05
311	3	Unbiased	19.96	19.881	-0.079
312	3	Unbiased	19.847	19.775	-0.072
313	10	Bias	20.261	19.72	-0.541
314	10	Bias	19.963	19.434	-0.529
315	10	Bias	20.278	19.687	-0.591
316	10	Bias	20.09	19.904	-0.186
317	10	Bias	20.327	19.744	-0.583
318	10	Unbiased	19.859	19.709	-0.15
319	10	Unbiased	20.221	20.046	-0.175
320	10	Unbiased	20.086	20.12	0.034
321	10	Unbiased	20.34	19.91	-0.43
322	10	Unbiased	20.064	19.882	-0.182
323	30	Bias	20.237	19.212	-1.025
324	30	Bias	20.213	19.202	-1.011
325	30	Bias	20.05	18.833	-1.217
326	30	Bias	20.106	18.918	-1.188
327	30	Bias	20.384	19.247	-1.137
328	30	Unbiased	20.103	19.804	-0.299
329	30	Unbiased	20.273	19.969	-0.304
330	30	Unbiased	20.03	19.717	-0.313
331	30	Unbiased	20.156	19.833	-0.323
332	30	Unbiased	20.299	19.993	-0.306
333	50	Bias	20.194	18.776	-1.418
334	50	Bias	20.004	18.566	-1.438
335	50	Bias	20.148	18.591	-1.557
336	50	Bias	20.207	18.627	-1.58
337	50	Bias	20.25	18.69	-1.56
338	50	Unbiased	20.082	19.676	-0.406
339	50	Unbiased	19.839	19.539	-0.3
340	50	Unbiased	19.973	19.609	-0.364
341	50	Unbiased	20.164	19.839	-0.325
342	50	Unbiased	19.93	19.584	-0.346
343	100	Bias	19.927	18.121	-1.806
344	100	Bias	20.064	18.238	-1.826
345	100	Bias	20.058	18.146	-1.912
346	100	Bias	20.138	18.209	-1.929
347	100	Bias	20.141	18.279	-1.862
348	100	Unbiased	19.877	19.418	-0.459
349	100	Unbiased	20.257	19.792	-0.465
350	100	Unbiased	19.928	19.378	-0.55
351	100	Unbiased	19.814	19.312	-0.502
352	100	Unbiased	19.881	19.395	-0.486

Test Statistics (Ω)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.956	20.006	20.06	0.05208	19.852	19.895	19.922	0.037434	-0.15	-0.11167	-0.081	0.035133
3	19.847	20.082	20.281	0.13419	19.775	19.936	20.105	0.11229	-0.27	-0.1459	-0.05	0.093037
10	19.859	20.149	20.34	0.1619	19.434	19.816	20.12	0.19851	-0.591	-0.3333	0.034	0.22551
30	20.03	20.185	20.384	0.11541	18.833	19.473	19.993	0.43785	-1.217	-0.7123	-0.299	0.42973
50	19.839	20.079	20.25	0.13643	18.566	19.15	19.839	0.53544	-1.58	-0.9294	-0.3	0.61533
100	19.814	20.009	20.257	0.1438	18.121	18.829	19.792	0.67768	-1.929	-1.1797	-0.459	0.72575

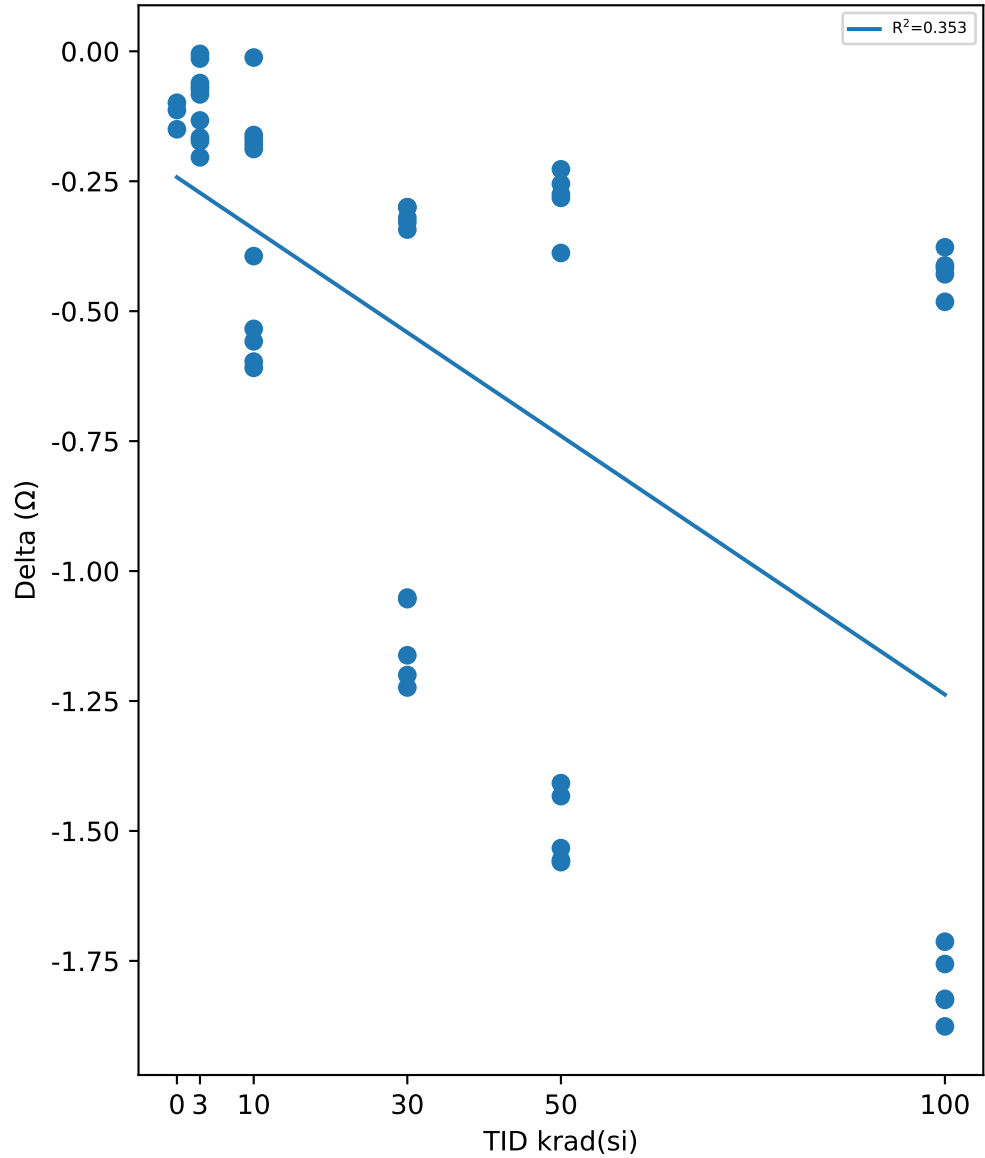
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.993	19.843	-0.15
301	0	Correlation	19.85	19.751	-0.099
302	0	Correlation	19.899	19.786	-0.113
303	3	Bias	19.924	19.758	-0.166
304	3	Bias	20.086	19.913	-0.173
305	3	Bias	20.017	19.813	-0.204
306	3	Bias	20.015	19.882	-0.133
307	3	Bias	19.914	19.9	-0.014
308	3	Unbiased	20.082	20.077	-0.005
309	3	Unbiased	19.873	19.79	-0.083
310	3	Unbiased	20.072	20.011	-0.061
311	3	Unbiased	19.829	19.761	-0.068
312	3	Unbiased	19.7	19.627	-0.073
313	10	Bias	20.195	19.637	-0.558
314	10	Bias	19.906	19.372	-0.534
315	10	Bias	20.14	19.543	-0.597
316	10	Bias	20.001	19.813	-0.188
317	10	Bias	20.253	19.644	-0.609
318	10	Unbiased	19.724	19.563	-0.161
319	10	Unbiased	20.063	19.894	-0.169
320	10	Unbiased	20.006	19.994	-0.012
321	10	Unbiased	20.227	19.833	-0.394
322	10	Unbiased	20.017	19.838	-0.179
323	30	Bias	20.178	19.124	-1.054
324	30	Bias	20.072	19.021	-1.051
325	30	Bias	19.988	18.764	-1.224
326	30	Bias	19.917	18.717	-1.2
327	30	Bias	20.308	19.146	-1.162
328	30	Unbiased	19.931	19.631	-0.3
329	30	Unbiased	20.171	19.871	-0.3
330	30	Unbiased	19.914	19.585	-0.329
331	30	Unbiased	20.18	19.837	-0.343
332	30	Unbiased	20.168	19.848	-0.32
333	50	Bias	20.053	18.645	-1.408
334	50	Bias	19.928	18.495	-1.433
335	50	Bias	20.078	18.545	-1.533
336	50	Bias	20.19	18.63	-1.56
337	50	Bias	20.16	18.604	-1.556
338	50	Unbiased	19.954	19.566	-0.388
339	50	Unbiased	19.671	19.444	-0.227
340	50	Unbiased	19.77	19.495	-0.275
341	50	Unbiased	20.009	19.754	-0.255
342	50	Unbiased	19.786	19.504	-0.282
343	100	Bias	19.747	18.034	-1.713
344	100	Bias	19.947	18.191	-1.756
345	100	Bias	19.875	18.05	-1.825
346	100	Bias	20.125	18.249	-1.876
347	100	Bias	20.045	18.222	-1.823
348	100	Unbiased	19.706	19.294	-0.412
349	100	Unbiased	19.987	19.61	-0.377
350	100	Unbiased	19.705	19.223	-0.482
351	100	Unbiased	19.731	19.302	-0.429
352	100	Unbiased	19.58	19.163	-0.417

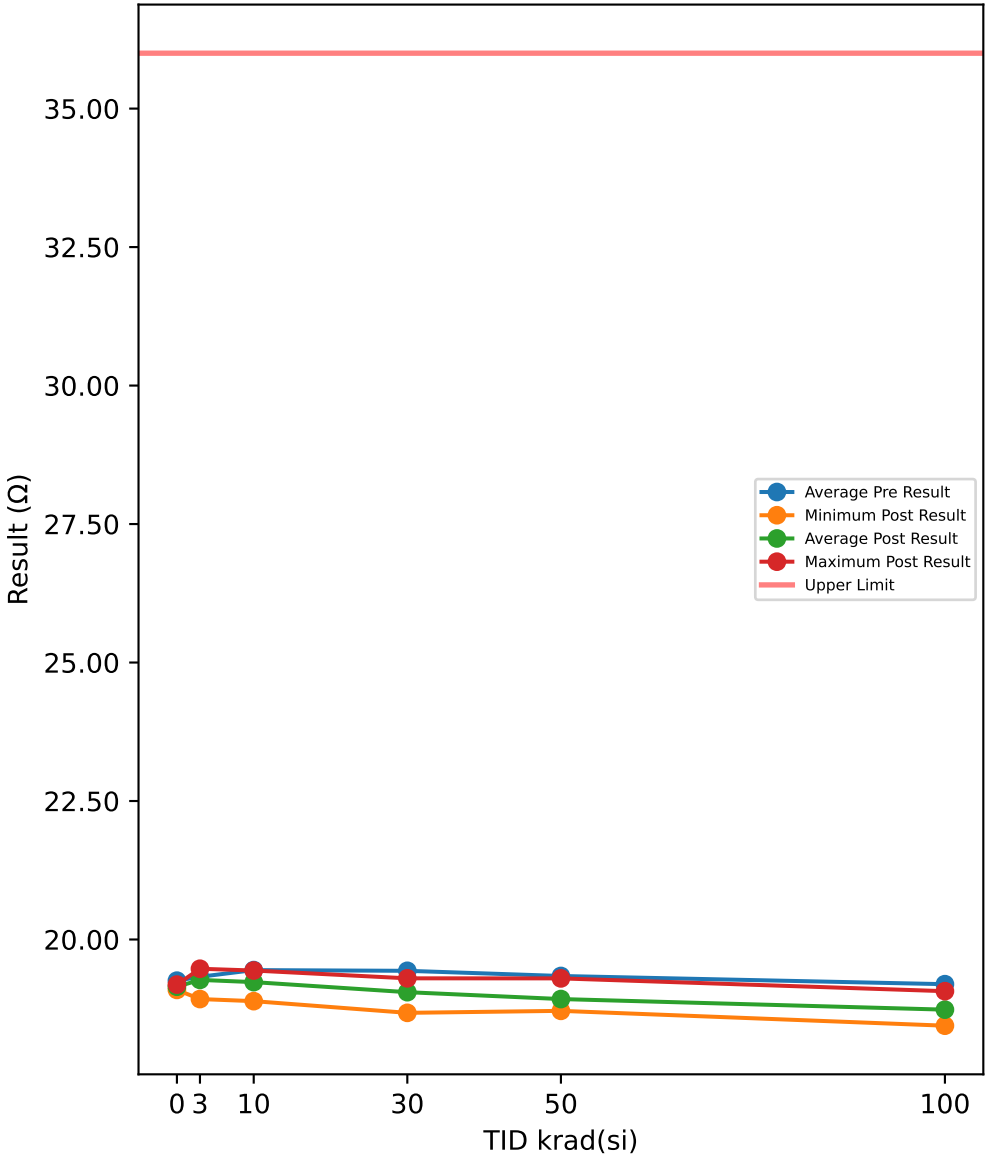
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.85	19.914	19.993	0.07267	19.751	19.793	19.843	0.046436	-0.15	-0.12067	-0.099	0.02635
3	19.7	19.951	20.086	0.12673	19.627	19.853	20.077	0.13162	-0.204	-0.098	-0.005	0.067933
10	19.724	20.053	20.253	0.1613	19.372	19.713	19.994	0.19148	-0.609	-0.3401	-0.012	0.22221
30	19.914	20.083	20.308	0.1384	18.717	19.354	19.871	0.45162	-1.224	-0.7283	-0.3	0.43564
50	19.671	19.96	20.19	0.17283	18.495	19.068	19.754	0.51858	-1.56	-0.8917	-0.227	0.6422
100	19.58	19.845	20.125	0.17689	18.034	18.734	19.61	0.63042	-1.876	-1.111	-0.377	0.72649

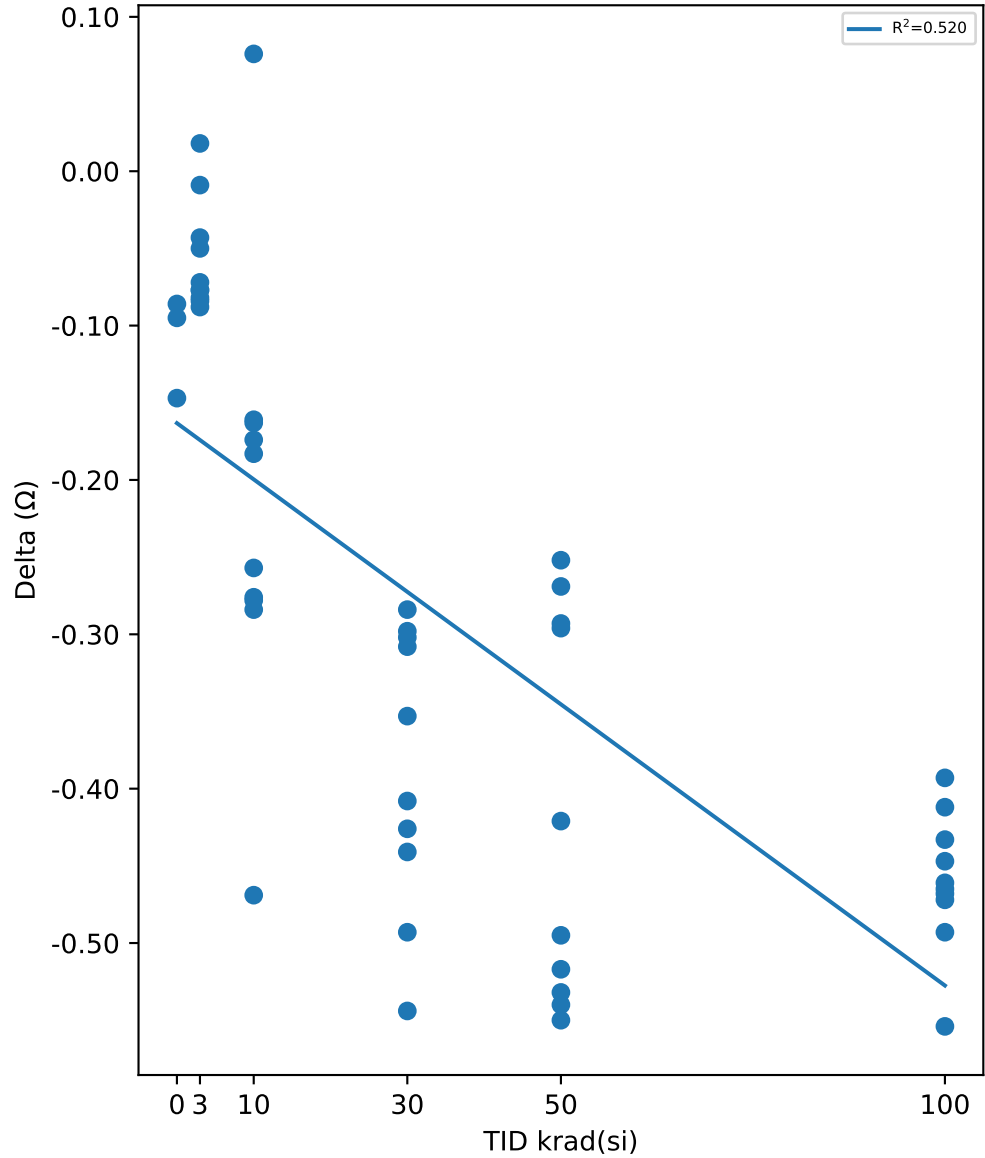
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.333	19.186	-0.147
301	0	Correlation	19.185	19.09	-0.095
302	0	Correlation	19.253	19.167	-0.086
303	3	Bias	19.288	19.206	-0.082
304	3	Bias	19.549	19.472	-0.077
305	3	Bias	19.457	19.385	-0.072
306	3	Bias	19.366	19.323	-0.043
307	3	Bias	19.33	19.321	-0.009
308	3	Unbiased	19.414	19.432	0.018
309	3	Unbiased	19.238	19.15	-0.088
310	3	Unbiased	19.456	19.406	-0.05
311	3	Unbiased	19.163	19.086	-0.077
312	3	Unbiased	19.009	18.925	-0.084
313	10	Bias	19.573	19.316	-0.257
314	10	Bias	19.285	19.007	-0.278
315	10	Bias	19.581	19.305	-0.276
316	10	Bias	19.336	19.162	-0.174
317	10	Bias	19.674	19.39	-0.284
318	10	Unbiased	19.07	18.887	-0.183
319	10	Unbiased	19.466	19.305	-0.161
320	10	Unbiased	19.364	19.44	0.076
321	10	Unbiased	19.652	19.183	-0.469
322	10	Unbiased	19.475	19.312	-0.163
323	30	Bias	19.558	19.15	-0.408
324	30	Bias	19.436	19.01	-0.426
325	30	Bias	19.353	18.86	-0.493
326	30	Bias	19.22	18.676	-0.544
327	30	Bias	19.709	19.268	-0.441
328	30	Unbiased	19.244	18.936	-0.308
329	30	Unbiased	19.583	19.299	-0.284
330	30	Unbiased	19.231	18.878	-0.353
331	30	Unbiased	19.5	19.198	-0.302
332	30	Unbiased	19.513	19.215	-0.298
333	50	Bias	19.389	18.894	-0.495
334	50	Bias	19.302	18.752	-0.55
335	50	Bias	19.516	18.976	-0.54
336	50	Bias	19.548	19.031	-0.517
337	50	Bias	19.511	18.979	-0.532
338	50	Unbiased	19.308	18.887	-0.421
339	50	Unbiased	18.981	18.712	-0.269
340	50	Unbiased	19.208	18.912	-0.296
341	50	Unbiased	19.55	19.298	-0.252
342	50	Unbiased	19.101	18.808	-0.293
343	100	Bias	19.039	18.546	-0.493
344	100	Bias	19.344	18.872	-0.472
345	100	Bias	19.339	18.871	-0.468
346	100	Bias	19.376	18.964	-0.412
347	100	Bias	19.266	18.833	-0.433
348	100	Unbiased	19.091	18.63	-0.461
349	100	Unbiased	19.46	19.067	-0.393
350	100	Unbiased	19.058	18.504	-0.554
351	100	Unbiased	19.07	18.605	-0.465
352	100	Unbiased	18.891	18.444	-0.447

TID vs Post - Pre Exposure Delta

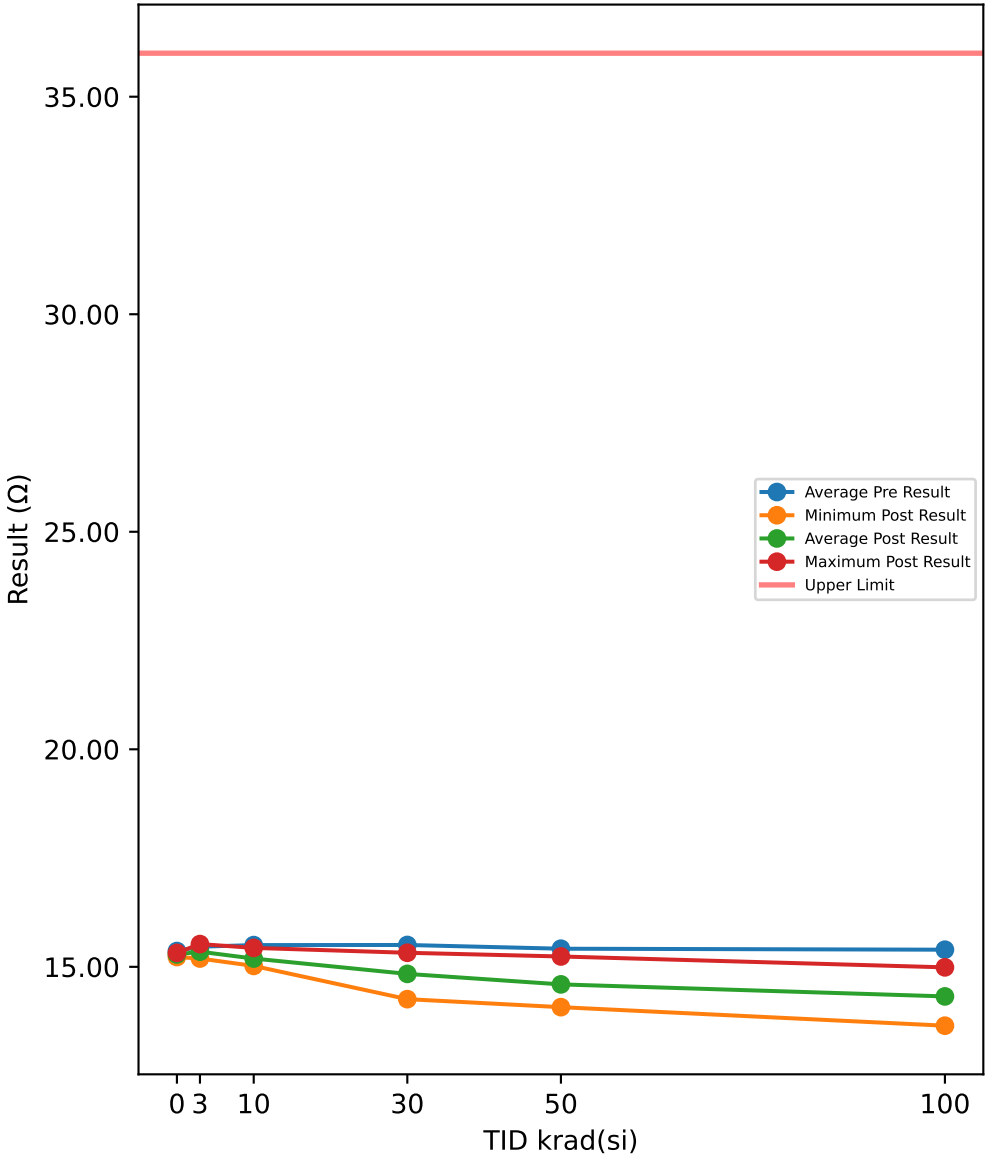


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.185	19.257	19.333	0.074081	19.09	19.148	19.186	0.050836	-0.147	-0.10933	-0.086	0.032929
3	19.009	19.327	19.549	0.15965	18.925	19.271	19.472	0.17498	-0.088	-0.0564	0.018	0.035762
10	19.07	19.448	19.674	0.18741	18.887	19.231	19.44	0.17297	-0.469	-0.2169	0.076	0.13812
30	19.22	19.435	19.709	0.16782	18.676	19.049	19.299	0.20785	-0.544	-0.3857	-0.284	0.090614
50	18.981	19.341	19.55	0.19885	18.712	18.925	19.298	0.16581	-0.55	-0.4165	-0.252	0.12529
100	18.891	19.193	19.46	0.18646	18.444	18.734	19.067	0.21375	-0.554	-0.4598	-0.393	0.044534

Device Test: 18.34 ; PWRGD_RNMOS

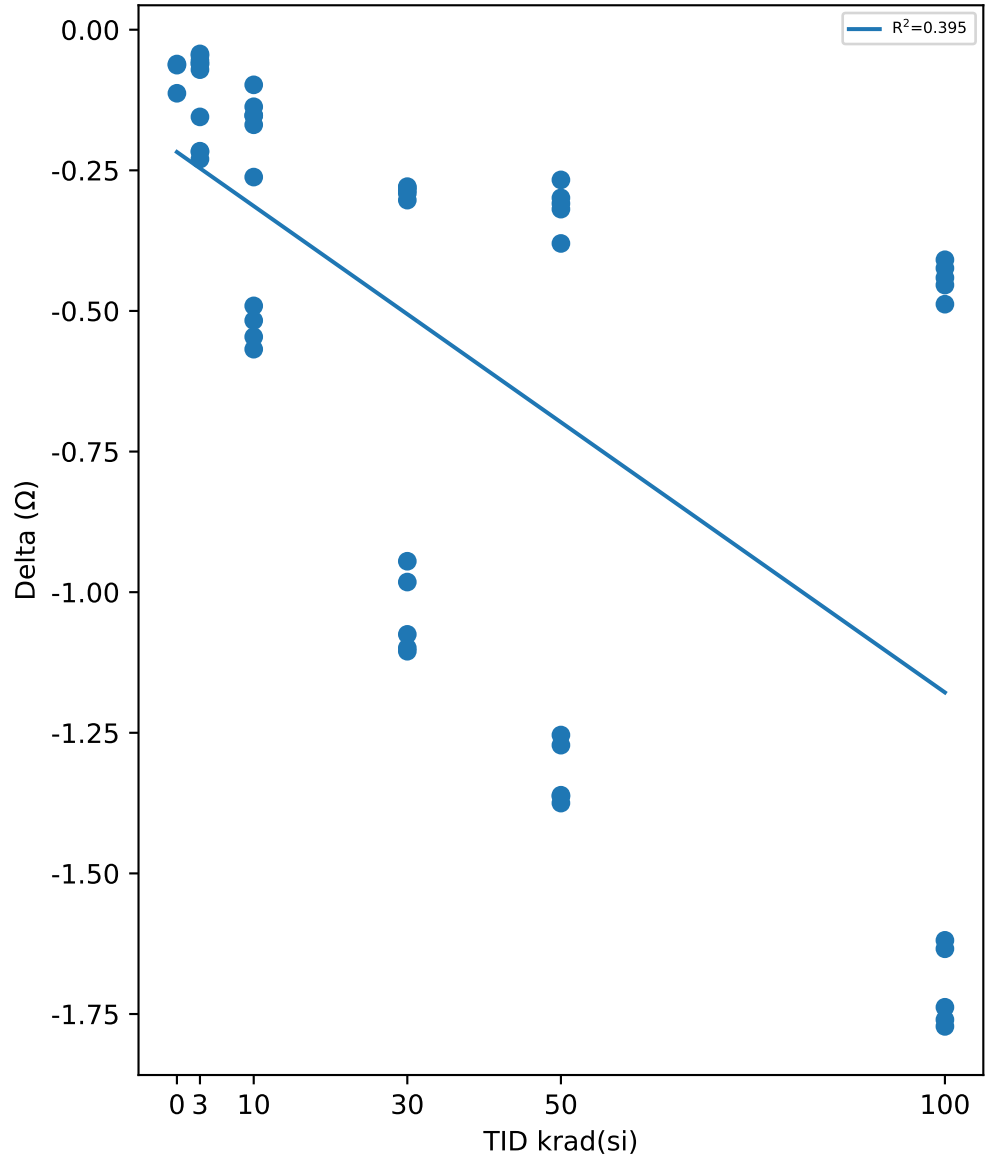
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	15.433	15.32	-0.113
301	0	Correlation	15.288	15.225	-0.063
302	0	Correlation	15.368	15.307	-0.061
303	3	Bias	15.587	15.37	-0.217
304	3	Bias	15.628	15.398	-0.23
305	3	Bias	15.509	15.293	-0.216
306	3	Bias	15.346	15.191	-0.155
307	3	Bias	15.506	15.451	-0.055
308	3	Unbiased	15.566	15.523	-0.043
309	3	Unbiased	15.406	15.335	-0.071
310	3	Unbiased	15.508	15.462	-0.046
311	3	Unbiased	15.303	15.242	-0.061
312	3	Unbiased	15.272	15.212	-0.06
313	10	Bias	15.514	15.023	-0.491
314	10	Bias	15.571	15.054	-0.517
315	10	Bias	15.629	15.061	-0.568
316	10	Bias	15.371	15.218	-0.153
317	10	Bias	15.567	15.021	-0.546
318	10	Unbiased	15.369	15.217	-0.152
319	10	Unbiased	15.572	15.435	-0.137
320	10	Unbiased	15.379	15.281	-0.098
321	10	Unbiased	15.479	15.217	-0.262
322	10	Unbiased	15.545	15.376	-0.169
323	30	Bias	15.713	14.731	-0.982
324	30	Bias	15.443	14.498	-0.945
325	30	Bias	15.55	14.451	-1.099
326	30	Bias	15.332	14.257	-1.075
327	30	Bias	15.756	14.651	-1.105
328	30	Unbiased	15.364	15.085	-0.279
329	30	Unbiased	15.501	15.22	-0.281
330	30	Unbiased	15.358	15.072	-0.286
331	30	Unbiased	15.38	15.089	-0.291
332	30	Unbiased	15.626	15.323	-0.303
333	50	Bias	15.327	14.073	-1.254
334	50	Bias	15.422	14.15	-1.272
335	50	Bias	15.492	14.131	-1.361
336	50	Bias	15.456	14.093	-1.363
337	50	Bias	15.501	14.126	-1.375
338	50	Unbiased	15.38	15	-0.38
339	50	Unbiased	15.217	14.95	-0.267
340	50	Unbiased	15.456	15.137	-0.319
341	50	Unbiased	15.547	15.238	-0.309
342	50	Unbiased	15.366	15.067	-0.299
343	100	Bias	15.266	13.647	-1.619
344	100	Bias	15.398	13.764	-1.634
345	100	Bias	15.533	13.773	-1.76
346	100	Bias	15.608	13.836	-1.772
347	100	Bias	15.518	13.78	-1.738
348	100	Unbiased	15.286	14.877	-0.409
349	100	Unbiased	15.412	14.988	-0.424
350	100	Unbiased	15.342	14.854	-0.488
351	100	Unbiased	15.335	14.894	-0.441
352	100	Unbiased	15.241	14.787	-0.454

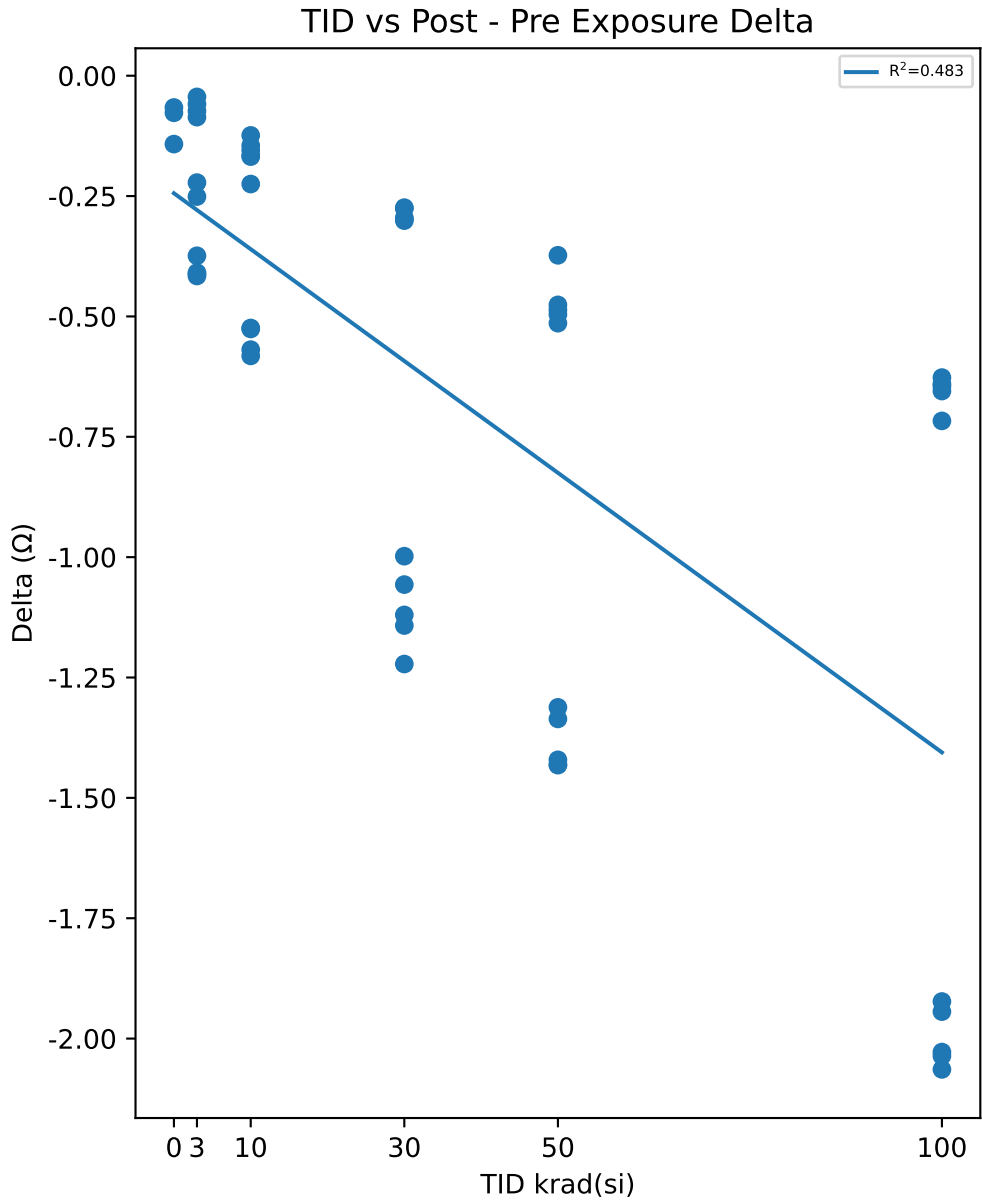
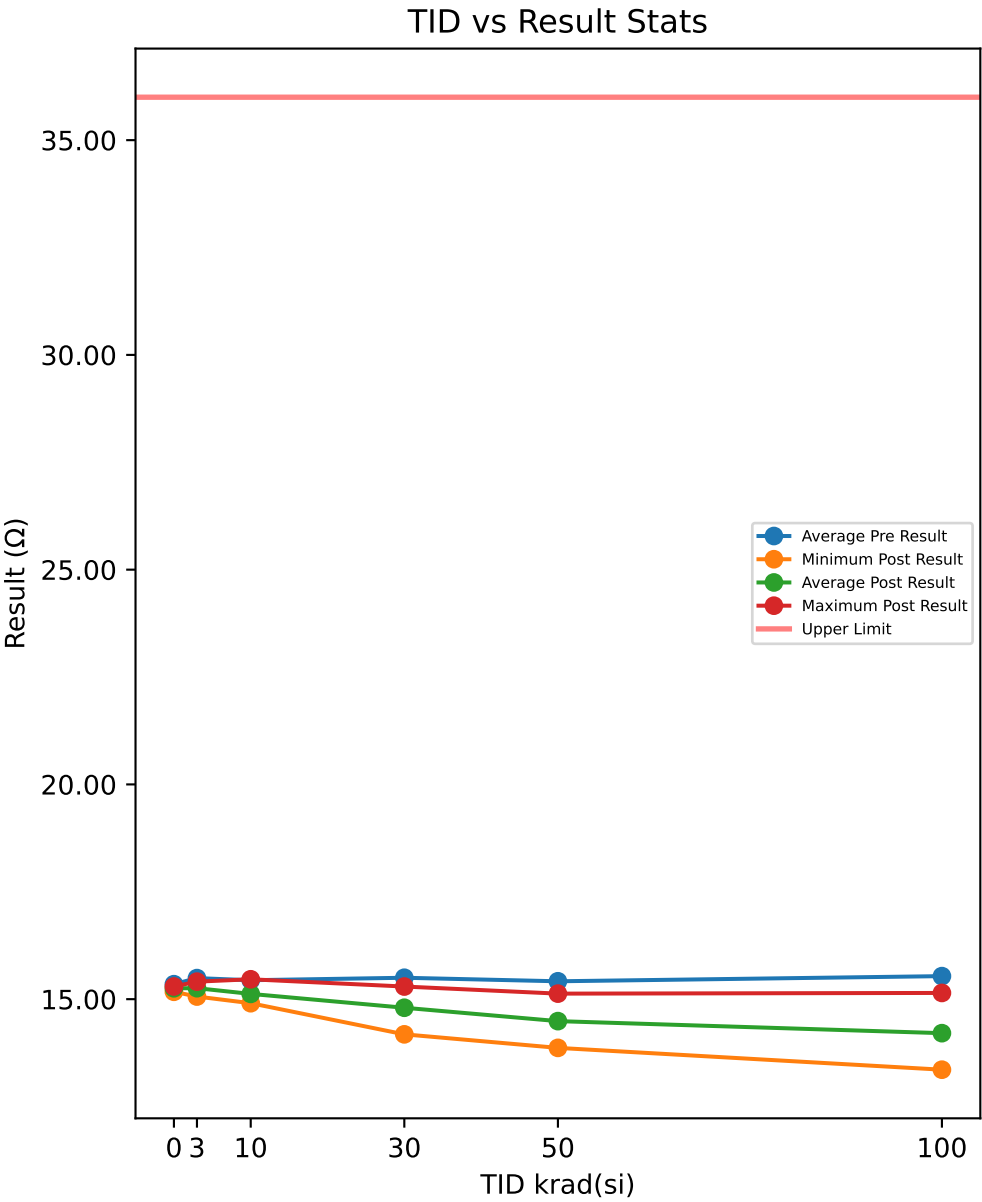
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

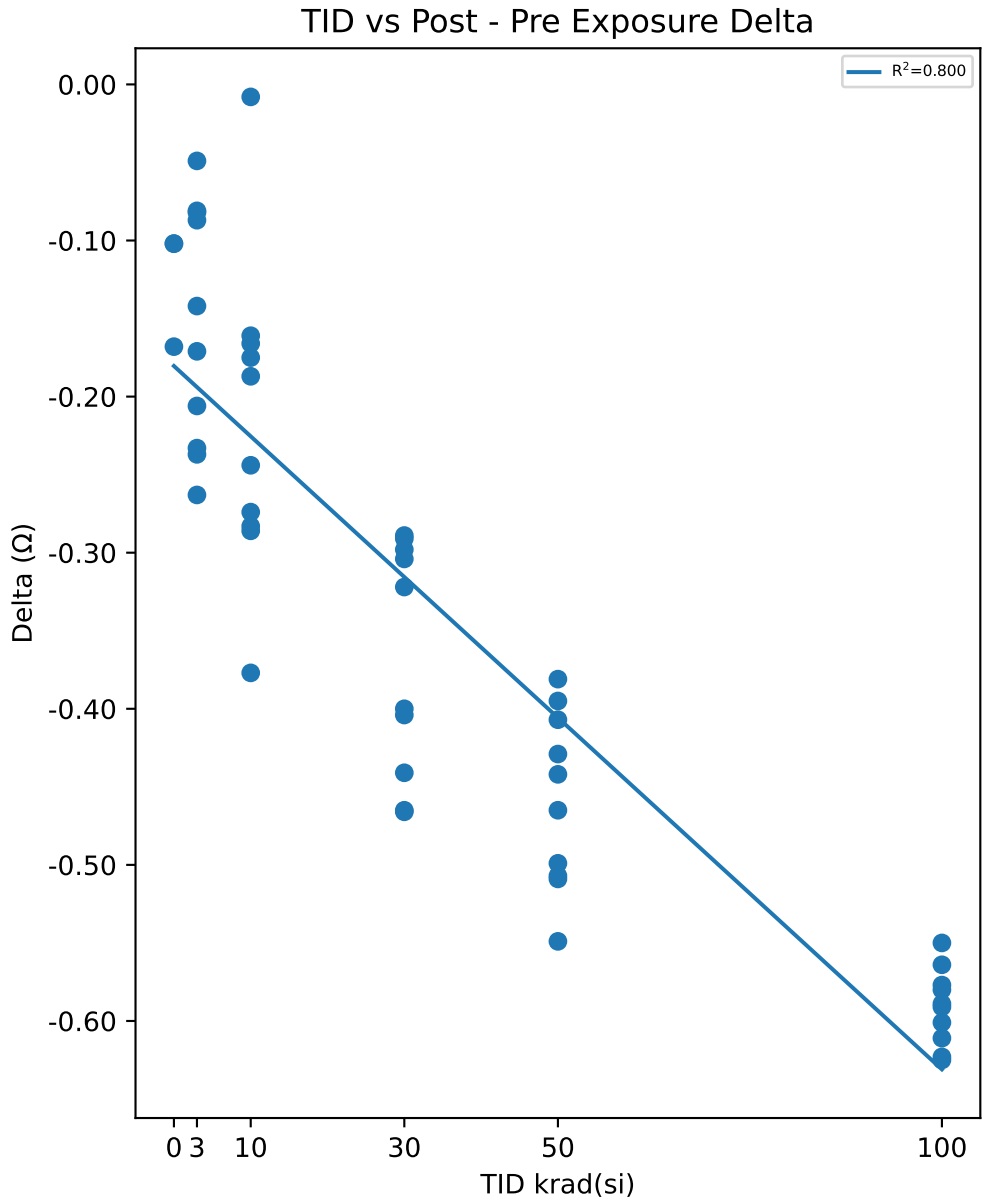
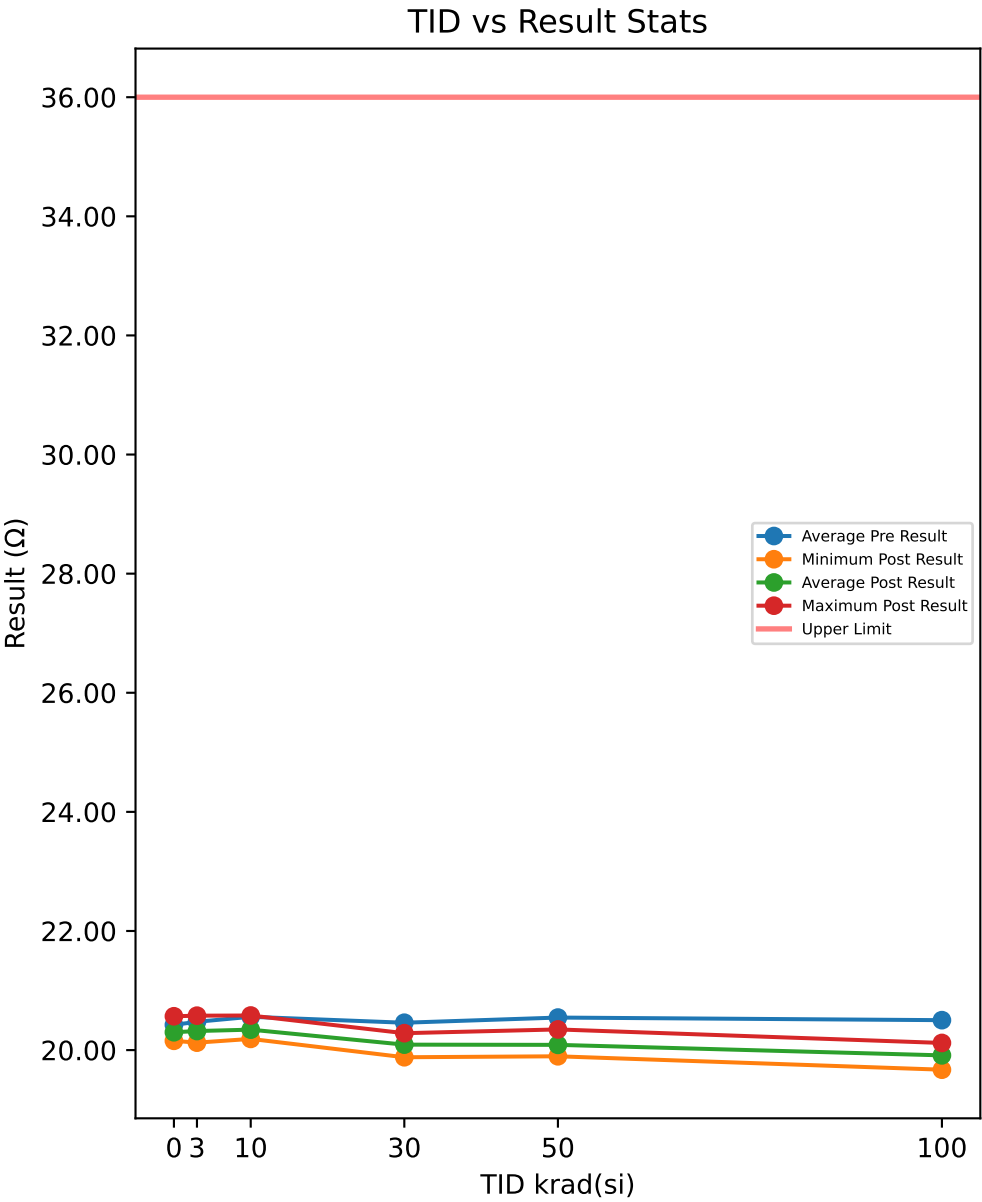
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.288	15.363	15.433	0.072629	15.225	15.284	15.32	0.051507	-0.113	-0.079	-0.061	0.029462
3	15.272	15.463	15.628	0.12393	15.191	15.348	15.523	0.11293	-0.23	-0.1154	-0.043	0.079478
10	15.369	15.5	15.629	0.095719	15.021	15.19	15.435	0.14785	-0.568	-0.3093	-0.098	0.19566
30	15.332	15.502	15.756	0.15411	14.257	14.838	15.323	0.36655	-1.105	-0.6646	-0.279	0.39999
50	15.217	15.416	15.547	0.097019	14.073	14.597	15.238	0.514	-1.375	-0.8199	-0.267	0.5345
100	15.241	15.394	15.608	0.12404	13.647	14.32	14.988	0.59407	-1.772	-1.0739	-0.409	0.66688

Device Test: 18.35 ; WDO_RNMOS



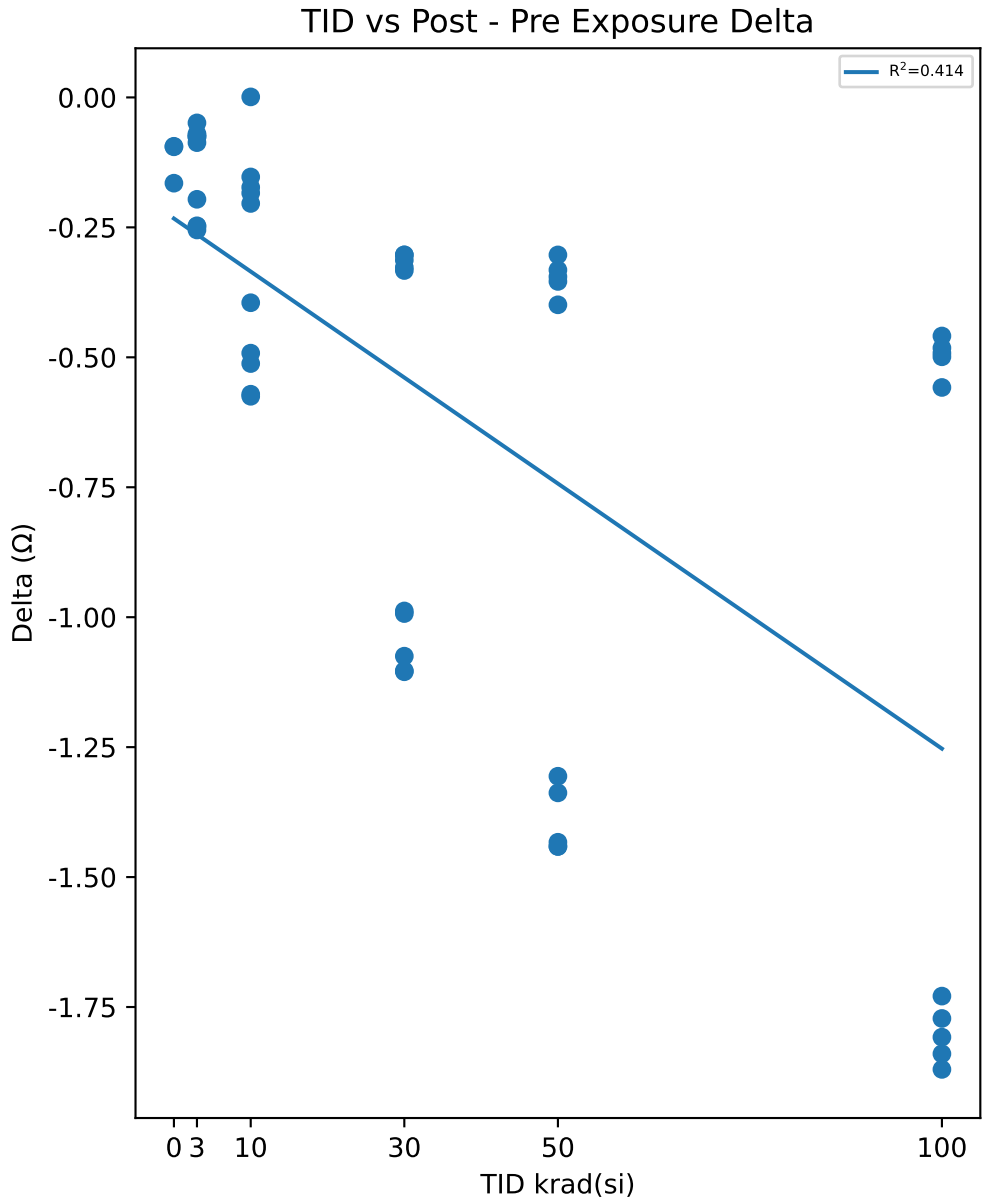
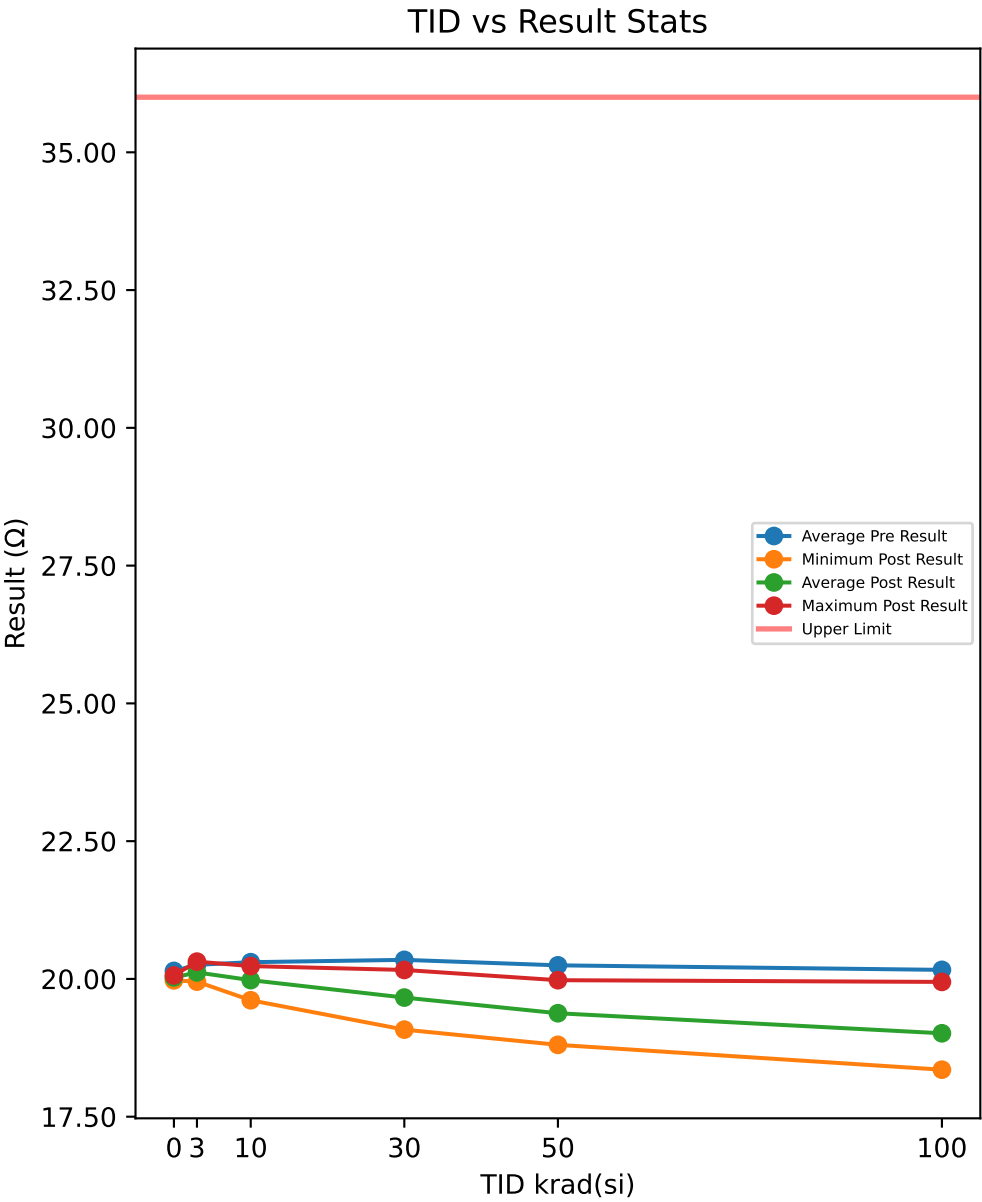
Test Results (Upper Limit = 36.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	15.436	15.294	-0.142
301	0	Correlation	15.238	15.172	-0.066
302	0	Correlation	15.372	15.295	-0.077
303	3	Bias	15.676	15.267	-0.409
304	3	Bias	15.653	15.241	-0.412
305	3	Bias	15.671	15.255	-0.416
306	3	Bias	15.588	15.214	-0.374
307	3	Bias	15.617	15.366	-0.251
308	3	Unbiased	15.63	15.408	-0.222
309	3	Unbiased	15.333	15.26	-0.073
310	3	Unbiased	15.373	15.329	-0.044
311	3	Unbiased	15.241	15.155	-0.086
312	3	Unbiased	15.12	15.061	-0.059
313	10	Bias	15.53	15.006	-0.524
314	10	Bias	15.432	14.906	-0.526
315	10	Bias	15.539	14.957	-0.582
316	10	Bias	15.321	15.166	-0.155
317	10	Bias	15.532	14.963	-0.569
318	10	Unbiased	15.16	15.015	-0.145
319	10	Unbiased	15.629	15.463	-0.166
320	10	Unbiased	15.375	15.251	-0.124
321	10	Unbiased	15.442	15.217	-0.225
322	10	Unbiased	15.451	15.283	-0.168
323	30	Bias	15.731	14.674	-1.057
324	30	Bias	15.437	14.439	-0.998
325	30	Bias	15.402	14.26	-1.142
326	30	Bias	15.301	14.181	-1.12
327	30	Bias	15.897	14.675	-1.222
328	30	Unbiased	15.355	15.081	-0.274
329	30	Unbiased	15.501	15.225	-0.276
330	30	Unbiased	15.352	15.057	-0.295
331	30	Unbiased	15.414	15.116	-0.298
332	30	Unbiased	15.595	15.294	-0.301
333	50	Bias	15.178	13.866	-1.312
334	50	Bias	15.369	14.033	-1.336
335	50	Bias	15.416	13.985	-1.431
336	50	Bias	15.446	14.025	-1.421
337	50	Bias	15.436	14.004	-1.432
338	50	Unbiased	15.348	14.975	-0.373
339	50	Unbiased	15.425	14.949	-0.476
340	50	Unbiased	15.515	15.001	-0.514
341	50	Unbiased	15.615	15.129	-0.486
342	50	Unbiased	15.416	14.92	-0.496
343	100	Bias	15.281	13.358	-1.923
344	100	Bias	15.557	13.613	-1.944
345	100	Bias	15.554	13.526	-2.028
346	100	Bias	15.764	13.7	-2.064
347	100	Bias	15.689	13.653	-2.036
348	100	Unbiased	15.379	14.752	-0.627
349	100	Unbiased	15.785	15.145	-0.64
350	100	Unbiased	15.557	14.84	-0.717
351	100	Unbiased	15.527	14.872	-0.655
352	100	Unbiased	15.27	14.625	-0.645

Test Statistics (Ω)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.238	15.349	15.436	0.10104	15.172	15.254	15.295	0.070727	-0.142	-0.095	-0.066	0.041073
3	15.12	15.49	15.676	0.20453	15.061	15.256	15.408	0.10049	-0.416	-0.2346	-0.044	0.15987
10	15.16	15.441	15.629	0.13294	14.906	15.123	15.463	0.1807	-0.582	-0.3184	-0.124	0.20188
30	15.301	15.499	15.897	0.18958	14.181	14.8	15.294	0.40908	-1.222	-0.6983	-0.274	0.43545
50	15.178	15.416	15.615	0.11267	13.866	14.489	15.129	0.53809	-1.432	-0.9277	-0.373	0.48645
100	15.27	15.536	15.785	0.1823	13.358	14.208	15.145	0.69088	-2.064	-1.3279	-0.627	0.70898



Test Results (Upper Limit = 36.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.343	20.175	-0.168
301	0	Correlation	20.258	20.156	-0.102
302	0	Correlation	20.67	20.568	-0.102
303	3	Bias	20.424	20.161	-0.263
304	3	Bias	20.815	20.578	-0.237
305	3	Bias	20.517	20.284	-0.233
306	3	Bias	20.524	20.318	-0.206
307	3	Bias	20.5	20.329	-0.171
308	3	Unbiased	20.486	20.344	-0.142
309	3	Unbiased	20.612	20.53	-0.082
310	3	Unbiased	20.388	20.339	-0.049
311	3	Unbiased	20.206	20.125	-0.081
312	3	Unbiased	20.28	20.193	-0.087
313	10	Bias	20.558	20.314	-0.244
314	10	Bias	20.661	20.375	-0.286
315	10	Bias	20.485	20.211	-0.274
316	10	Bias	20.553	20.378	-0.175
317	10	Bias	20.528	20.245	-0.283
318	10	Unbiased	20.492	20.331	-0.161
319	10	Unbiased	20.354	20.188	-0.166
320	10	Unbiased	20.685	20.308	-0.377
321	10	Unbiased	20.51	20.502	-0.008
322	10	Unbiased	20.768	20.581	-0.187
323	30	Bias	20.45	20.05	-0.4
324	30	Bias	20.392	19.988	-0.404
325	30	Bias	20.669	20.204	-0.465
326	30	Bias	20.346	19.88	-0.466
327	30	Bias	20.577	20.136	-0.441
328	30	Unbiased	20.312	20.021	-0.291
329	30	Unbiased	20.573	20.284	-0.289
330	30	Unbiased	20.364	20.066	-0.298
331	30	Unbiased	20.499	20.177	-0.322
332	30	Unbiased	20.414	20.11	-0.304
333	50	Bias	20.38	19.915	-0.465
334	50	Bias	20.603	20.104	-0.499
335	50	Bias	20.43	19.923	-0.507
336	50	Bias	20.539	20.03	-0.509
337	50	Bias	20.819	20.27	-0.549
338	50	Unbiased	20.424	20.029	-0.395
339	50	Unbiased	20.277	19.896	-0.381
340	50	Unbiased	20.603	20.161	-0.442
341	50	Unbiased	20.612	20.205	-0.407
342	50	Unbiased	20.776	20.347	-0.429
343	100	Bias	20.437	19.86	-0.577
344	100	Bias	20.554	19.953	-0.601
345	100	Bias	20.476	19.853	-0.623
346	100	Bias	20.627	20.036	-0.591
347	100	Bias	20.549	19.96	-0.589
348	100	Unbiased	20.7	20.12	-0.58
349	100	Unbiased	20.532	19.968	-0.564
350	100	Unbiased	20.296	19.671	-0.625
351	100	Unbiased	20.562	19.951	-0.611
352	100	Unbiased	20.294	19.744	-0.55

Test Statistics (Ω)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.258	20.424	20.67	0.21752	20.156	20.3	20.568	0.23258	-0.168	-0.124	-0.102	0.038105
3	20.206	20.475	20.815	0.16991	20.125	20.32	20.578	0.14622	-0.263	-0.1551	-0.049	0.077576
10	20.354	20.559	20.768	0.11802	20.188	20.343	20.581	0.12357	-0.377	-0.2161	-0.008	0.10043
30	20.312	20.46	20.669	0.11672	19.88	20.092	20.284	0.11649	-0.466	-0.368	-0.289	0.074494
50	20.277	20.546	20.819	0.17211	19.896	20.088	20.347	0.15647	-0.549	-0.4583	-0.381	0.05638
100	20.294	20.503	20.7	0.13116	19.671	19.912	20.12	0.13324	-0.625	-0.5911	-0.55	0.02452

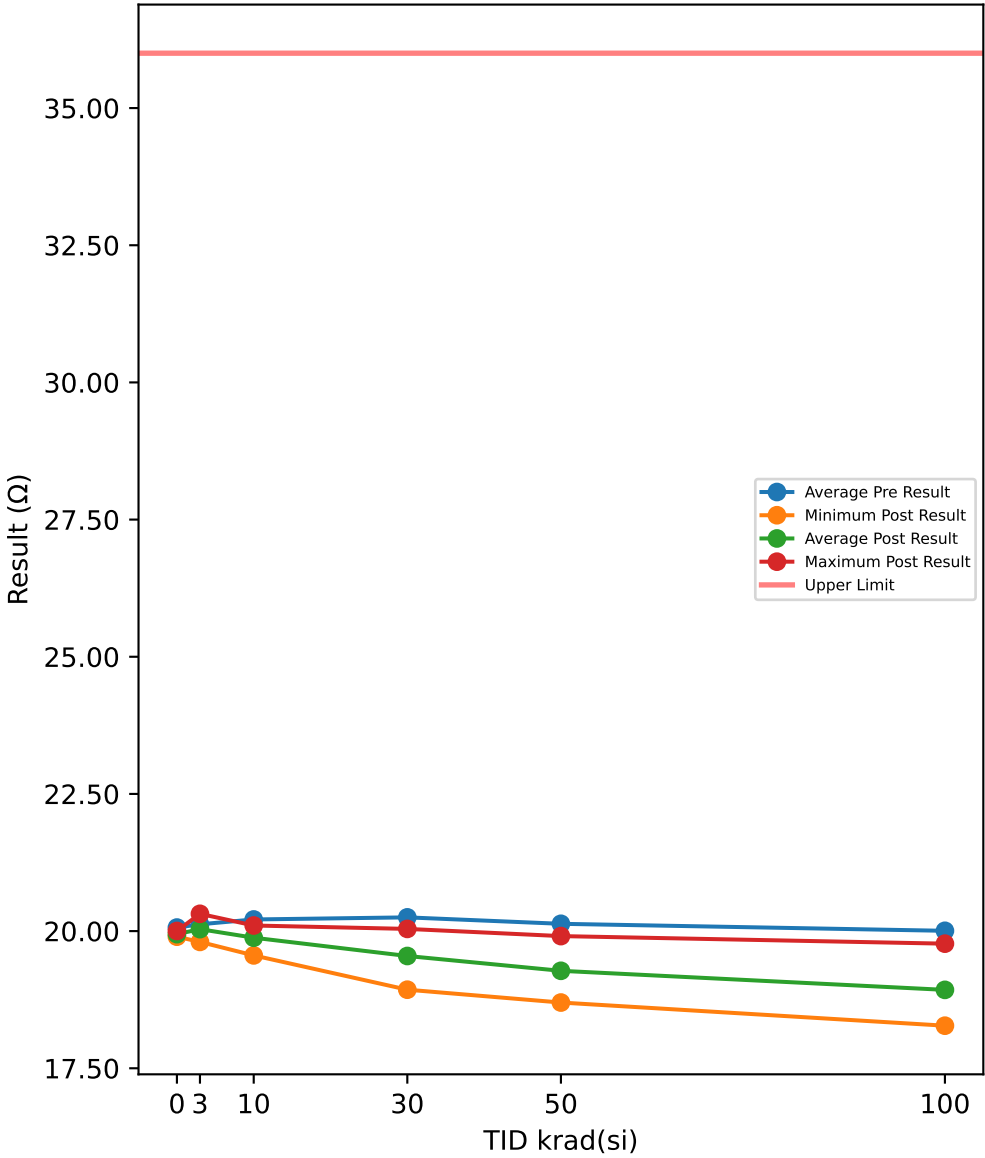


Test Results (Upper Limit = 36.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.228	20.063	-0.165
301	0	Correlation	20.069	19.974	-0.095
302	0	Correlation	20.139	20.045	-0.094
303	3	Bias	20.264	20.017	-0.247
304	3	Bias	20.313	20.058	-0.255
305	3	Bias	20.425	20.177	-0.248
306	3	Bias	20.274	20.078	-0.196
307	3	Bias	20.328	20.241	-0.087
308	3	Unbiased	20.383	20.307	-0.076
309	3	Unbiased	20.083	20.013	-0.07
310	3	Unbiased	20.363	20.314	-0.049
311	3	Unbiased	20.101	20.025	-0.076
312	3	Unbiased	20.024	19.951	-0.073
313	10	Bias	20.427	19.915	-0.512
314	10	Bias	20.105	19.613	-0.492
315	10	Bias	20.415	19.844	-0.571
316	10	Bias	20.268	20.095	-0.173
317	10	Bias	20.486	19.911	-0.575
318	10	Unbiased	20.034	19.881	-0.153
319	10	Unbiased	20.377	20.193	-0.184
320	10	Unbiased	20.232	20.233	0.001
321	10	Unbiased	20.444	20.049	-0.395
322	10	Unbiased	20.251	20.047	-0.204
323	30	Bias	20.428	19.435	-0.993
324	30	Bias	20.37	19.382	-0.988
325	30	Bias	20.185	19.08	-1.105
326	30	Bias	20.239	19.136	-1.103
327	30	Bias	20.56	19.485	-1.075
328	30	Unbiased	20.267	19.964	-0.303
329	30	Unbiased	20.466	20.163	-0.303
330	30	Unbiased	20.173	19.86	-0.313
331	30	Unbiased	20.336	20.003	-0.333
332	30	Unbiased	20.438	20.111	-0.327
333	50	Bias	20.333	19.027	-1.306
334	50	Bias	20.142	18.804	-1.338
335	50	Bias	20.332	18.891	-1.441
336	50	Bias	20.396	18.955	-1.441
337	50	Bias	20.426	18.993	-1.433
338	50	Unbiased	20.248	19.849	-0.399
339	50	Unbiased	20.005	19.702	-0.303
340	50	Unbiased	20.169	19.815	-0.354
341	50	Unbiased	20.322	19.977	-0.345
342	50	Unbiased	20.094	19.762	-0.332
343	100	Bias	20.082	18.353	-1.729
344	100	Bias	20.22	18.448	-1.772
345	100	Bias	20.215	18.375	-1.84
346	100	Bias	20.289	18.419	-1.87
347	100	Bias	20.267	18.459	-1.808
348	100	Unbiased	20.046	19.587	-0.459
349	100	Unbiased	20.428	19.946	-0.482
350	100	Unbiased	20.095	19.537	-0.558
351	100	Unbiased	19.993	19.494	-0.499
352	100	Unbiased	20.01	19.518	-0.492

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.069	20.145	20.228	0.079689	19.974	20.027	20.063	0.047057	-0.165	-0.118	-0.094	0.040706
3	20.024	20.256	20.425	0.13854	19.951	20.118	20.314	0.13153	-0.255	-0.1377	-0.049	0.086982
10	20.034	20.304	20.486	0.15176	19.613	19.978	20.233	0.18372	-0.575	-0.3258	0.001	0.20663
30	20.173	20.346	20.56	0.12893	19.08	19.662	20.163	0.40496	-1.105	-0.6843	-0.303	0.39047
50	20.005	20.247	20.426	0.13887	18.804	19.378	19.977	0.47622	-1.441	-0.8692	-0.303	0.55305
100	19.993	20.165	20.428	0.14143	18.353	19.014	19.946	0.64829	-1.87	-1.1509	-0.459	0.68965

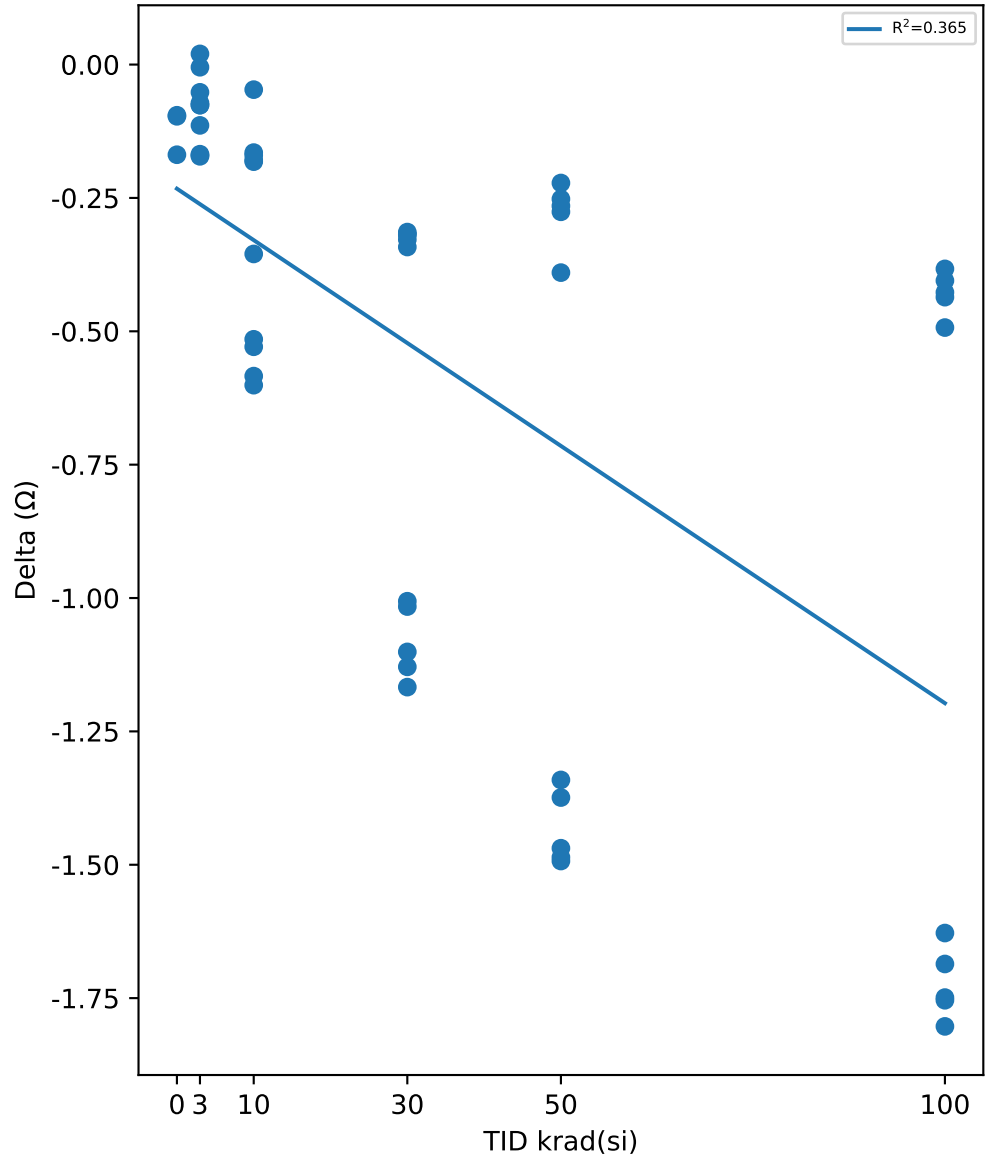
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.171	20.002	-0.169
301	0	Correlation	19.995	19.898	-0.097
302	0	Correlation	20.028	19.933	-0.095
303	3	Bias	20.054	19.886	-0.168
304	3	Bias	20.278	20.106	-0.172
305	3	Bias	20.146	19.976	-0.17
306	3	Bias	20.165	20.051	-0.114
307	3	Bias	20.133	20.128	-0.005
308	3	Unbiased	20.295	20.315	0.02
309	3	Unbiased	20.047	19.971	-0.076
310	3	Unbiased	20.275	20.223	-0.052
311	3	Unbiased	19.968	19.896	-0.072
312	3	Unbiased	19.879	19.803	-0.076
313	10	Bias	20.377	19.848	-0.529
314	10	Bias	20.072	19.557	-0.515
315	10	Bias	20.284	19.7	-0.584
316	10	Bias	20.186	20.004	-0.182
317	10	Bias	20.41	19.809	-0.601
318	10	Unbiased	19.902	19.737	-0.165
319	10	Unbiased	20.223	20.053	-0.17
320	10	Unbiased	20.149	20.102	-0.047
321	10	Unbiased	20.328	19.973	-0.355
322	10	Unbiased	20.19	20.011	-0.179
323	30	Bias	20.369	19.353	-1.016
324	30	Bias	20.233	19.227	-1.006
325	30	Bias	20.164	18.997	-1.167
326	30	Bias	20.061	18.932	-1.129
327	30	Bias	20.487	19.386	-1.101
328	30	Unbiased	20.095	19.776	-0.319
329	30	Unbiased	20.354	20.04	-0.314
330	30	Unbiased	20.057	19.739	-0.318
331	30	Unbiased	20.368	20.026	-0.342
332	30	Unbiased	20.315	19.987	-0.328
333	50	Bias	20.195	18.854	-1.341
334	50	Bias	20.072	18.698	-1.374
335	50	Bias	20.27	18.784	-1.486
336	50	Bias	20.389	18.92	-1.469
337	50	Bias	20.349	18.856	-1.493
338	50	Unbiased	20.137	19.747	-0.39
339	50	Unbiased	19.84	19.618	-0.222
340	50	Unbiased	19.979	19.703	-0.276
341	50	Unbiased	20.161	19.909	-0.252
342	50	Unbiased	19.938	19.673	-0.265
343	100	Bias	19.904	18.276	-1.628
344	100	Bias	20.109	18.423	-1.686
345	100	Bias	20.043	18.294	-1.749
346	100	Bias	20.276	18.473	-1.803
347	100	Bias	20.17	18.416	-1.754
348	100	Unbiased	19.882	19.477	-0.405
349	100	Unbiased	20.154	19.771	-0.383
350	100	Unbiased	19.871	19.378	-0.493
351	100	Unbiased	19.925	19.489	-0.436
352	100	Unbiased	19.72	19.293	-0.427

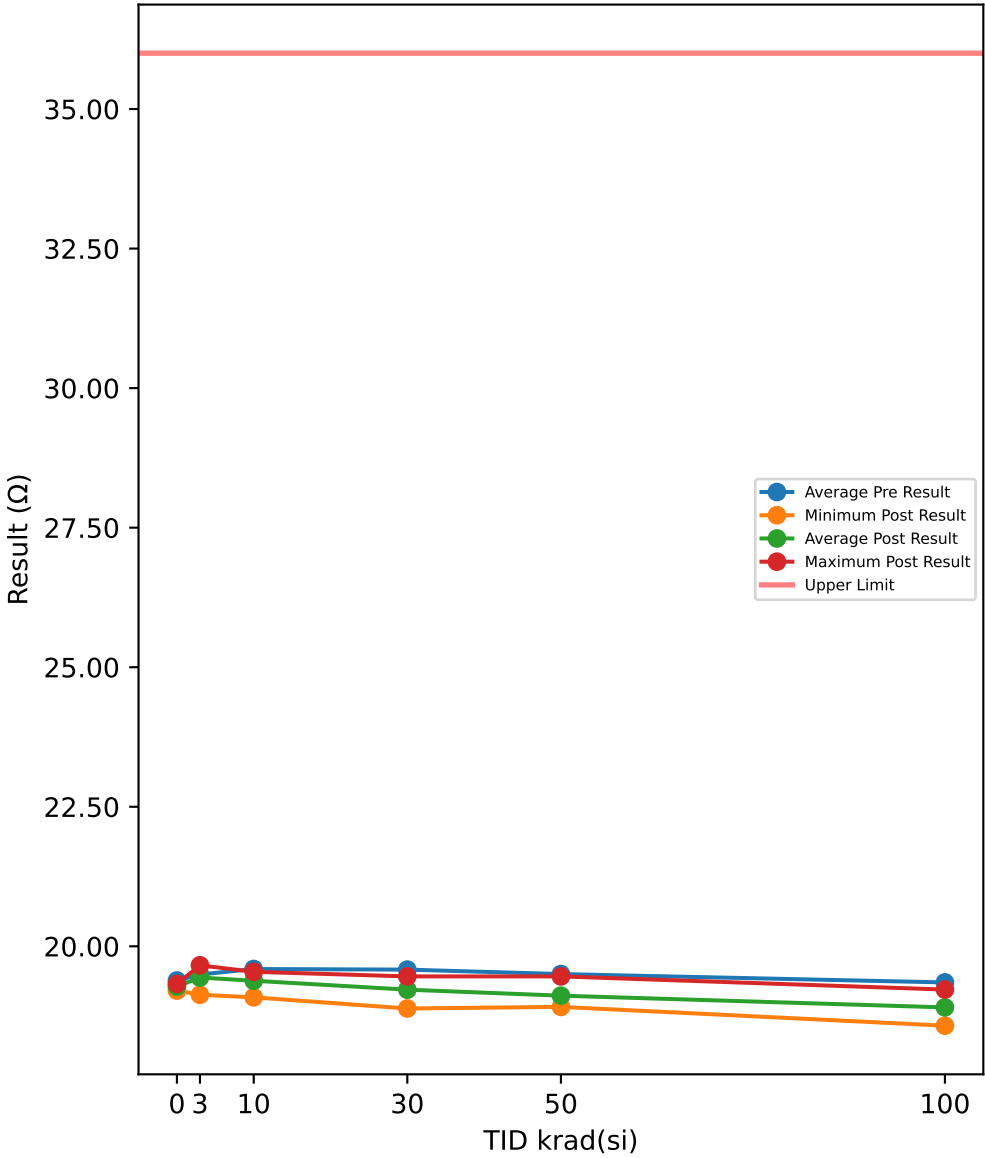
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.995	20.065	20.171	0.093554	19.898	19.944	20.002	0.052918	-0.169	-0.12033	-0.095	0.042158
3	19.879	20.124	20.295	0.13872	19.803	20.035	20.315	0.16007	-0.172	-0.0885	0.02	0.067697
10	19.902	20.212	20.41	0.1513	19.557	19.879	20.102	0.17753	-0.601	-0.3327	-0.047	0.20815
30	20.057	20.25	20.487	0.15054	18.932	19.546	20.04	0.42191	-1.167	-0.704	-0.314	0.40317
50	19.84	20.133	20.389	0.17855	18.698	19.276	19.909	0.48726	-1.493	-0.8568	-0.222	0.61024
100	19.72	20.005	20.276	0.17193	18.276	18.929	19.771	0.59756	-1.803	-1.0764	-0.383	0.68468

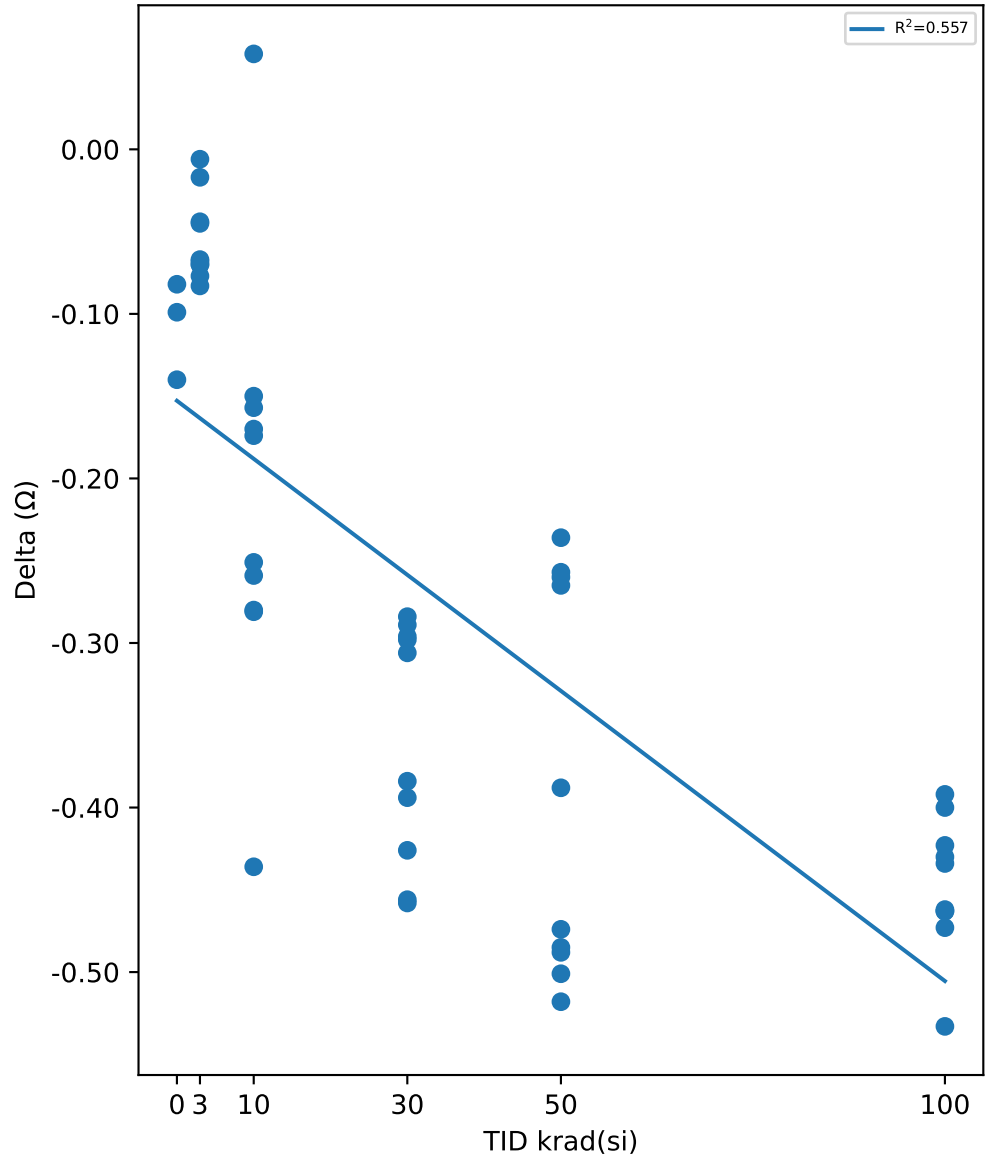
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.466	19.326	-0.14
301	0	Correlation	19.306	19.207	-0.099
302	0	Correlation	19.389	19.307	-0.082
303	3	Bias	19.415	19.332	-0.083
304	3	Bias	19.727	19.66	-0.067
305	3	Bias	19.594	19.524	-0.07
306	3	Bias	19.503	19.459	-0.044
307	3	Bias	19.555	19.538	-0.017
308	3	Unbiased	19.627	19.621	-0.006
309	3	Unbiased	19.401	19.331	-0.07
310	3	Unbiased	19.641	19.596	-0.045
311	3	Unbiased	19.29	19.213	-0.077
312	3	Unbiased	19.2	19.132	-0.068
313	10	Bias	19.735	19.476	-0.259
314	10	Bias	19.443	19.192	-0.251
315	10	Bias	19.712	19.432	-0.28
316	10	Bias	19.501	19.331	-0.17
317	10	Bias	19.824	19.543	-0.281
318	10	Unbiased	19.236	19.086	-0.15
319	10	Unbiased	19.605	19.448	-0.157
320	10	Unbiased	19.482	19.54	0.058
321	10	Unbiased	19.74	19.304	-0.436
322	10	Unbiased	19.655	19.481	-0.174
323	30	Bias	19.714	19.33	-0.384
324	30	Bias	19.568	19.174	-0.394
325	30	Bias	19.499	19.043	-0.456
326	30	Bias	19.344	18.886	-0.458
327	30	Bias	19.873	19.447	-0.426
328	30	Unbiased	19.394	19.105	-0.289
329	30	Unbiased	19.745	19.461	-0.284
330	30	Unbiased	19.372	19.074	-0.298
331	30	Unbiased	19.671	19.365	-0.306
332	30	Unbiased	19.645	19.349	-0.296
333	50	Bias	19.529	19.055	-0.474
334	50	Bias	19.424	18.936	-0.488
335	50	Bias	19.671	19.17	-0.501
336	50	Bias	19.72	19.235	-0.485
337	50	Bias	19.667	19.149	-0.518
338	50	Unbiased	19.478	19.09	-0.388
339	50	Unbiased	19.151	18.915	-0.236
340	50	Unbiased	19.405	19.148	-0.257
341	50	Unbiased	19.721	19.461	-0.26
342	50	Unbiased	19.264	18.999	-0.265
343	100	Bias	19.197	18.734	-0.463
344	100	Bias	19.504	19.07	-0.434
345	100	Bias	19.516	19.054	-0.462
346	100	Bias	19.533	19.103	-0.43
347	100	Bias	19.376	18.976	-0.4
348	100	Unbiased	19.256	18.833	-0.423
349	100	Unbiased	19.617	19.225	-0.392
350	100	Unbiased	19.209	18.676	-0.533
351	100	Unbiased	19.272	18.809	-0.463
352	100	Unbiased	19.051	18.578	-0.473

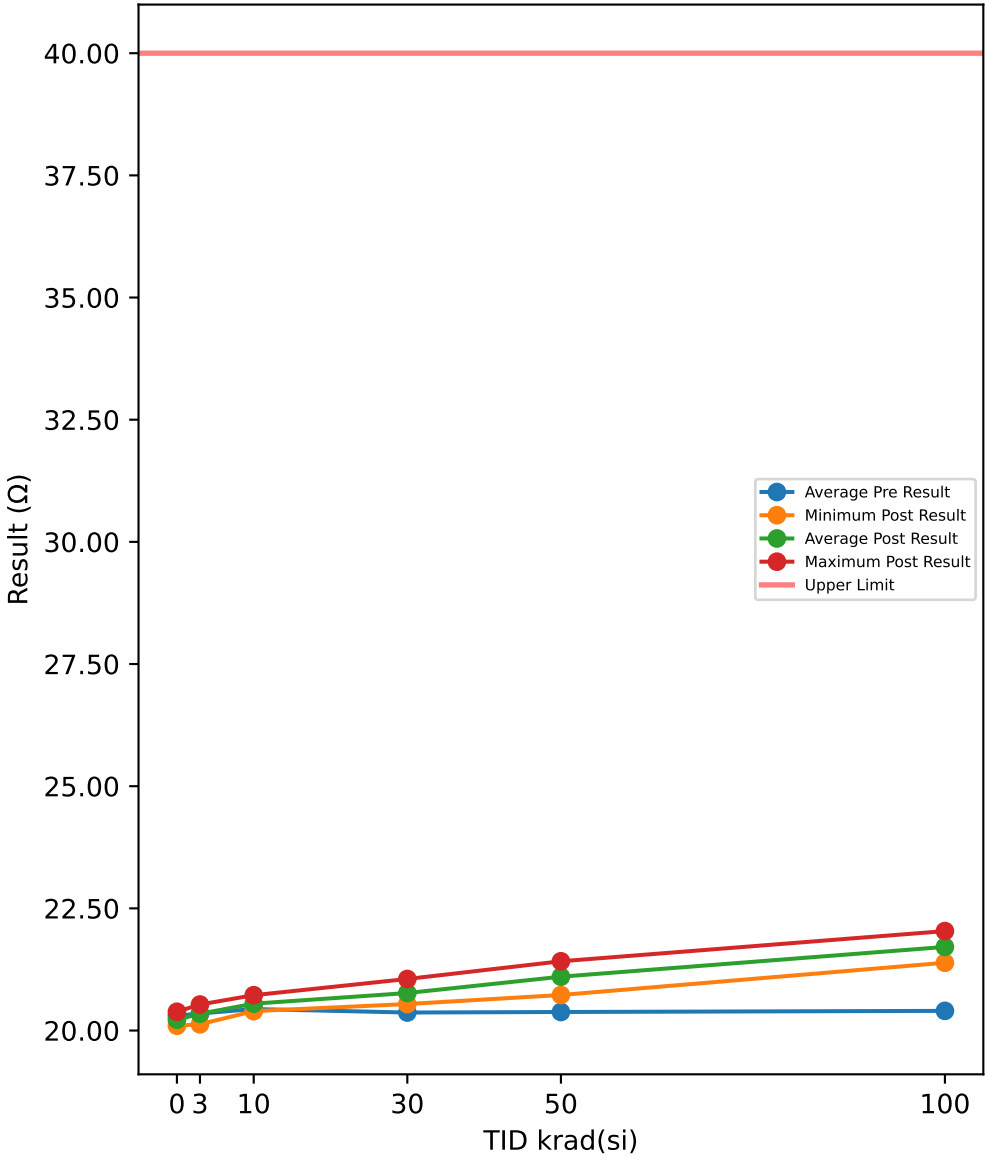
TID vs Post - Pre Exposure Delta



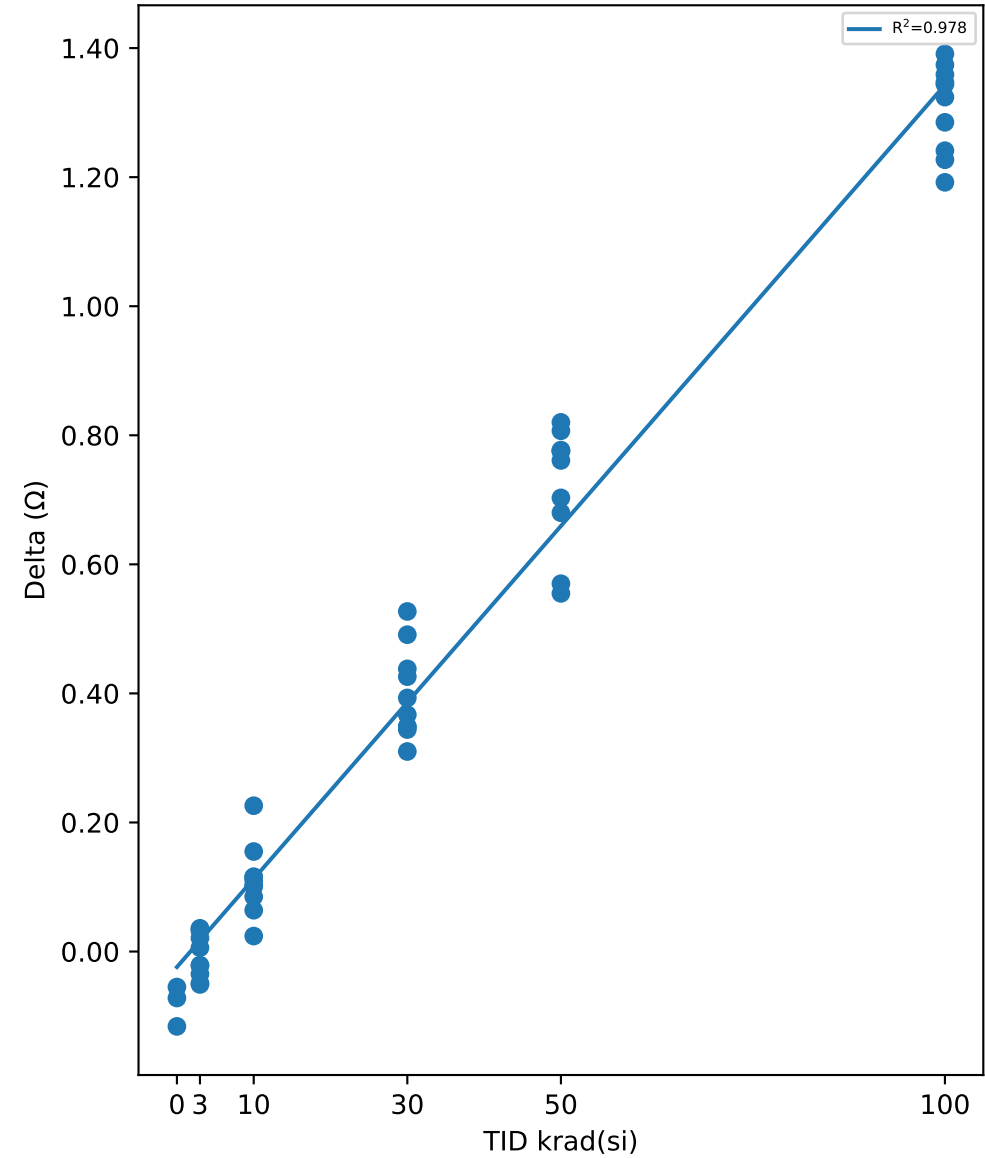
Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.306	19.387	19.466	0.080019	19.207	19.28	19.326	0.06393	-0.14	-0.107	-0.082	0.029816
3	19.2	19.495	19.727	0.16677	19.132	19.441	19.66	0.18026	-0.083	-0.0547	-0.006	0.026026
10	19.236	19.593	19.824	0.17764	19.086	19.383	19.543	0.1523	-0.436	-0.21	0.058	0.12747
30	19.344	19.582	19.873	0.17756	18.886	19.223	19.461	0.19402	-0.458	-0.3591	-0.284	0.071936
50	19.151	19.503	19.721	0.19661	18.915	19.116	19.461	0.15955	-0.518	-0.3872	-0.236	0.11937
100	19.051	19.353	19.617	0.18386	18.578	18.906	19.225	0.21057	-0.533	-0.4473	-0.392	0.040928

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (Ω))

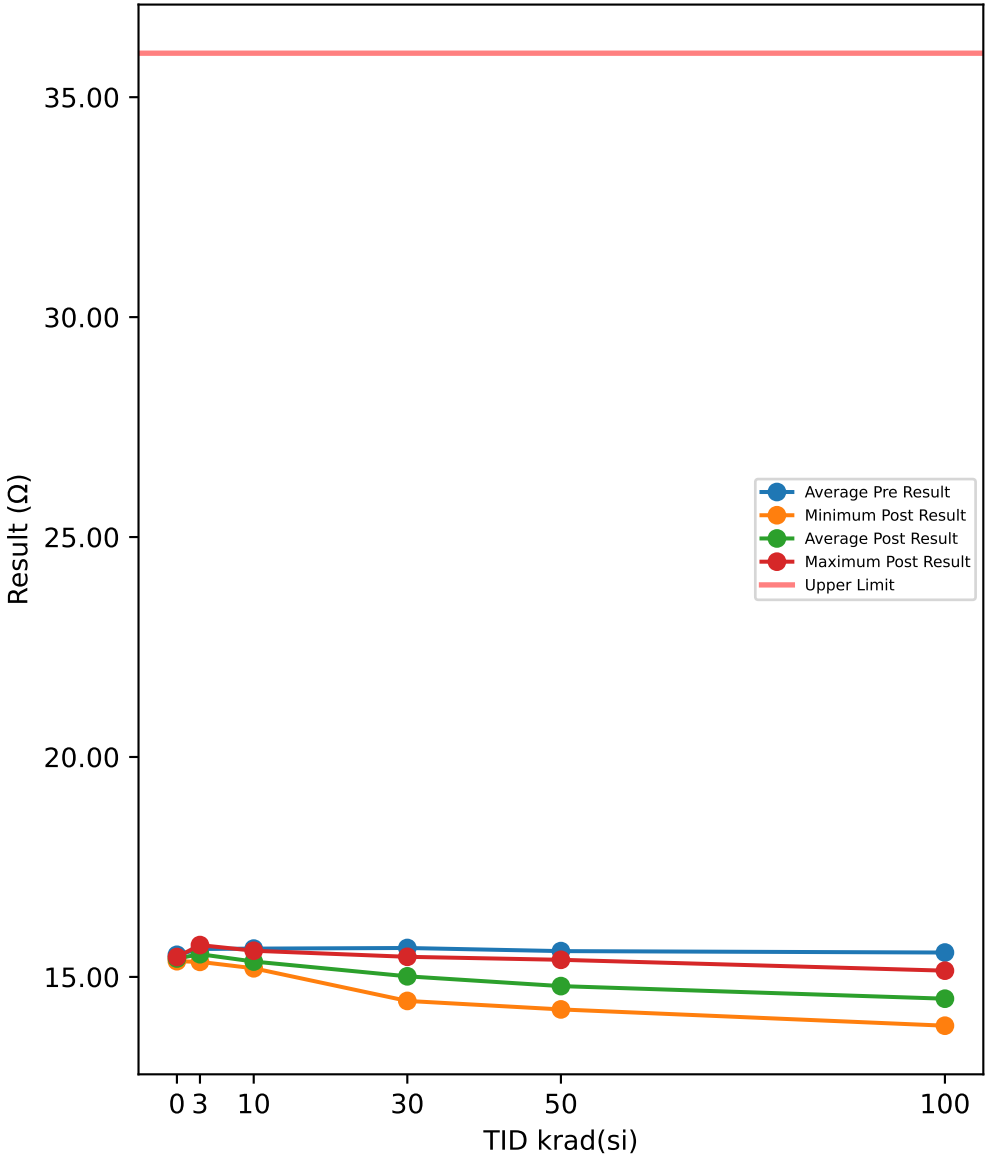
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.297	20.181	-0.116
301	0	Correlation	20.171	20.099	-0.072
302	0	Correlation	20.439	20.384	-0.055
303	3	Bias	20.454	20.405	-0.049
304	3	Bias	20.469	20.434	-0.035
305	3	Bias	20.218	20.224	0.006
306	3	Bias	20.385	20.364	-0.021
307	3	Bias	20.583	20.532	-0.051
308	3	Unbiased	20.323	20.301	-0.022
309	3	Unbiased	20.359	20.395	0.036
310	3	Unbiased	20.425	20.46	0.035
311	3	Unbiased	20.106	20.127	0.021
312	3	Unbiased	20.161	20.193	0.032
313	10	Bias	20.287	20.397	0.11
314	10	Bias	20.338	20.44	0.102
315	10	Bias	20.484	20.639	0.155
316	10	Bias	20.316	20.431	0.115
317	10	Bias	20.456	20.572	0.116
318	10	Unbiased	20.4	20.485	0.085
319	10	Unbiased	20.5	20.564	0.064
320	10	Unbiased	20.595	20.619	0.024
321	10	Unbiased	20.497	20.723	0.226
322	10	Unbiased	20.524	20.625	0.101
323	30	Bias	20.372	20.765	0.393
324	30	Bias	20.283	20.627	0.344
325	30	Bias	20.528	21.055	0.527
326	30	Bias	20.261	20.628	0.367
327	30	Bias	20.376	20.802	0.426
328	30	Unbiased	20.289	20.599	0.31
329	30	Unbiased	20.453	20.802	0.349
330	30	Unbiased	20.194	20.542	0.348
331	30	Unbiased	20.429	20.867	0.438
332	30	Unbiased	20.499	20.99	0.491
333	50	Bias	20.157	20.727	0.57
334	50	Bias	20.634	21.337	0.703
335	50	Bias	20.454	21.274	0.82
336	50	Bias	20.359	21.166	0.807
337	50	Bias	20.64	21.417	0.777
338	50	Unbiased	20.246	20.801	0.555
339	50	Unbiased	20.287	20.967	0.68
340	50	Unbiased	20.463	21.238	0.775
341	50	Unbiased	20.224	20.985	0.761
342	50	Unbiased	20.329	21.105	0.776
343	100	Bias	20.283	21.568	1.285
344	100	Bias	20.39	21.631	1.241
345	100	Bias	20.317	21.708	1.391
346	100	Bias	20.661	22.035	1.374
347	100	Bias	20.476	21.8	1.324
348	100	Unbiased	20.414	21.641	1.227
349	100	Unbiased	20.367	21.559	1.192
350	100	Unbiased	20.428	21.775	1.347
351	100	Unbiased	20.645	22.004	1.359
352	100	Unbiased	20.043	21.387	1.344

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.171	20.302	20.439	0.13408	20.099	20.221	20.384	0.14672	-0.116	-0.081	-0.055	0.03148
3	20.106	20.348	20.583	0.14891	20.127	20.343	20.532	0.129	-0.051	-0.0048	0.036	0.034871
10	20.287	20.44	20.595	0.1005	20.397	20.55	20.723	0.10688	0.024	0.1098	0.226	0.053566
30	20.194	20.368	20.528	0.11004	20.542	20.768	21.055	0.17091	0.31	0.3993	0.527	0.070083
50	20.157	20.379	20.64	0.16606	20.727	21.102	21.417	0.22847	0.555	0.7224	0.82	0.094408
100	20.043	20.402	20.661	0.17766	21.387	21.711	22.035	0.20074	1.192	1.3084	1.391	0.068274

Device Test: 18.40 ; PWRGD_RNMOS

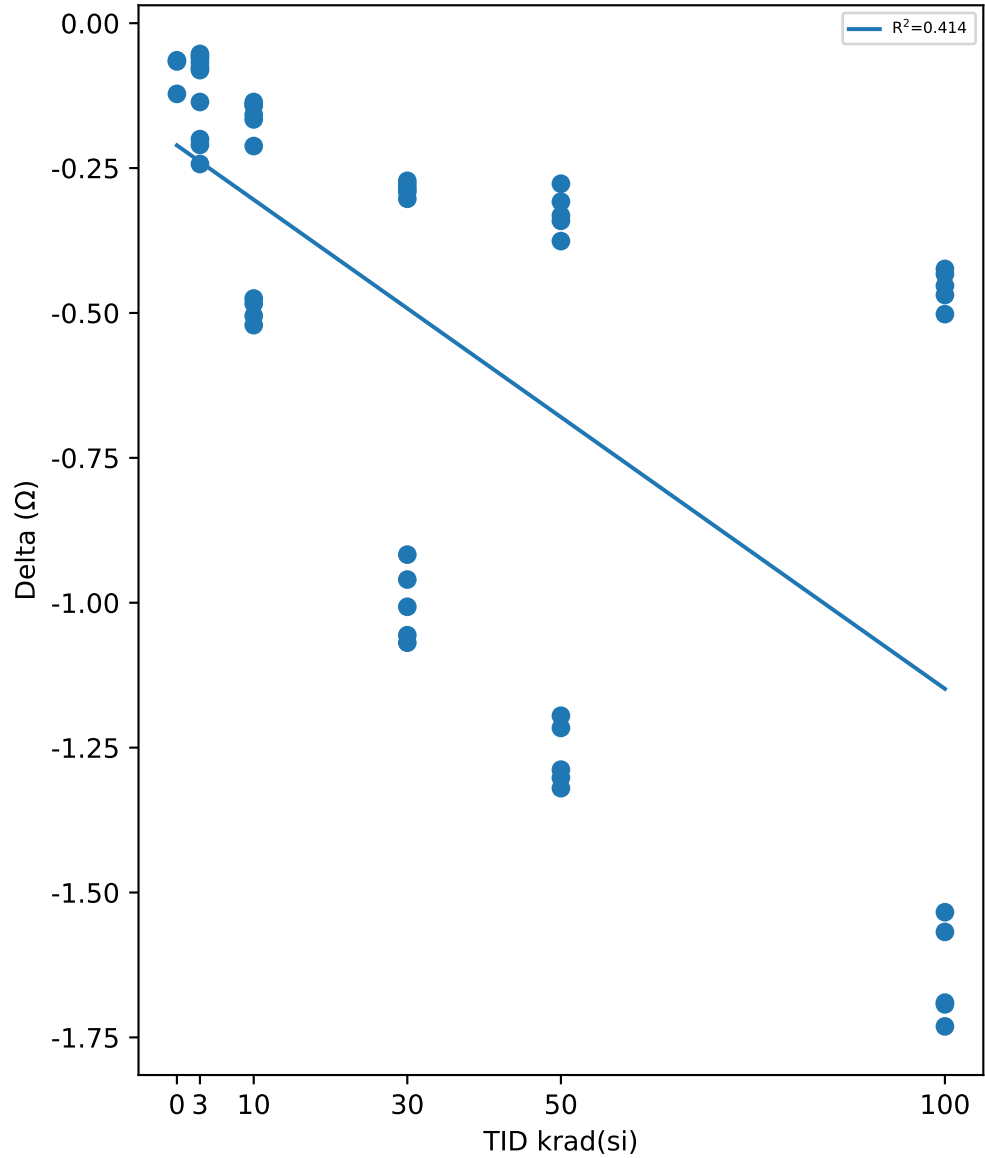
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	15.569	15.447	-0.122
301	0	Correlation	15.423	15.357	-0.066
302	0	Correlation	15.516	15.452	-0.064
303	3	Bias	15.714	15.504	-0.21
304	3	Bias	15.812	15.569	-0.243
305	3	Bias	15.657	15.457	-0.2
306	3	Bias	15.478	15.342	-0.136
307	3	Bias	15.738	15.657	-0.081
308	3	Unbiased	15.781	15.724	-0.057
309	3	Unbiased	15.583	15.506	-0.077
310	3	Unbiased	15.697	15.644	-0.053
311	3	Unbiased	15.431	15.37	-0.061
312	3	Unbiased	15.459	15.391	-0.068
313	10	Bias	15.671	15.196	-0.475
314	10	Bias	15.735	15.251	-0.484
315	10	Bias	15.736	15.215	-0.521
316	10	Bias	15.535	15.377	-0.158
317	10	Bias	15.705	15.2	-0.505
318	10	Unbiased	15.55	15.409	-0.141
319	10	Unbiased	15.731	15.595	-0.136
320	10	Unbiased	15.508	15.366	-0.142
321	10	Unbiased	15.555	15.343	-0.212
322	10	Unbiased	15.708	15.542	-0.166
323	30	Bias	15.901	14.941	-0.96
324	30	Bias	15.604	14.687	-0.917
325	30	Bias	15.705	14.649	-1.056
326	30	Bias	15.461	14.454	-1.007
327	30	Bias	15.915	14.846	-1.069
328	30	Unbiased	15.519	15.247	-0.272
329	30	Unbiased	15.656	15.377	-0.279
330	30	Unbiased	15.509	15.223	-0.286
331	30	Unbiased	15.546	15.255	-0.291
332	30	Unbiased	15.76	15.457	-0.303
333	50	Bias	15.456	14.261	-1.195
334	50	Bias	15.568	14.352	-1.216
335	50	Bias	15.664	14.362	-1.302
336	50	Bias	15.62	14.332	-1.288
337	50	Bias	15.667	14.347	-1.32
338	50	Unbiased	15.552	15.176	-0.376
339	50	Unbiased	15.393	15.116	-0.277
340	50	Unbiased	15.682	15.341	-0.341
341	50	Unbiased	15.721	15.389	-0.332
342	50	Unbiased	15.542	15.234	-0.308
343	100	Bias	15.425	13.891	-1.534
344	100	Bias	15.546	13.978	-1.568
345	100	Bias	15.69	13.997	-1.693
346	100	Bias	15.764	14.033	-1.731
347	100	Bias	15.635	13.945	-1.69
348	100	Unbiased	15.46	15.036	-0.424
349	100	Unbiased	15.575	15.142	-0.433
350	100	Unbiased	15.515	15.013	-0.502
351	100	Unbiased	15.542	15.073	-0.469
352	100	Unbiased	15.392	14.939	-0.453

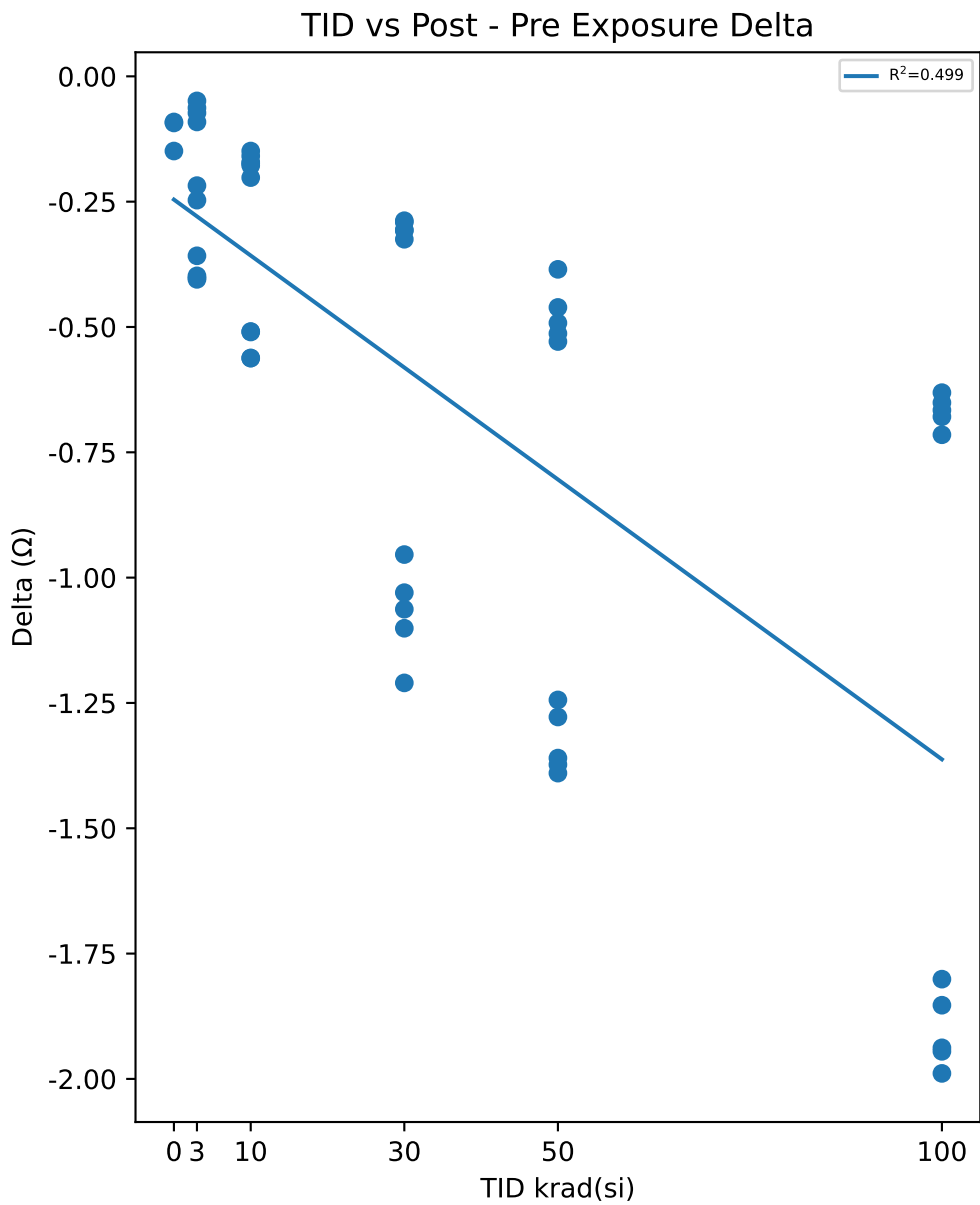
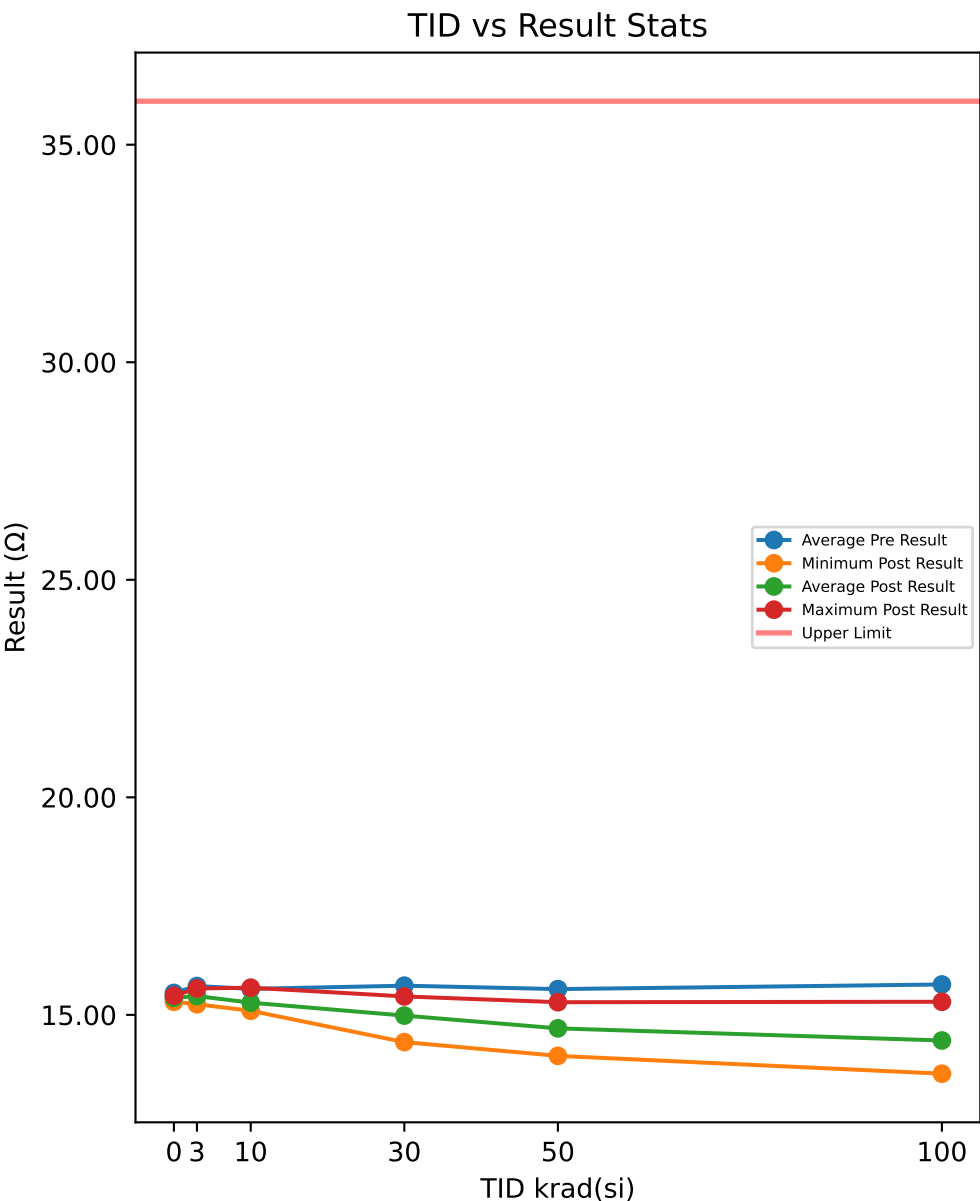
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.423	15.503	15.569	0.073908	15.357	15.419	15.452	0.053463	-0.122	-0.084	-0.064	0.032924
3	15.431	15.635	15.812	0.13895	15.342	15.516	15.724	0.1305	-0.243	-0.1186	-0.053	0.072937
10	15.508	15.643	15.736	0.094275	15.196	15.349	15.595	0.1397	-0.521	-0.294	-0.136	0.17575
30	15.461	15.658	15.915	0.16107	14.454	15.014	15.457	0.34502	-1.069	-0.644	-0.272	0.37965
50	15.393	15.587	15.721	0.10478	14.261	14.791	15.389	0.49167	-1.32	-0.7955	-0.277	0.49604
100	15.392	15.554	15.764	0.11693	13.891	14.505	15.142	0.56823	-1.731	-1.0497	-0.424	0.6286

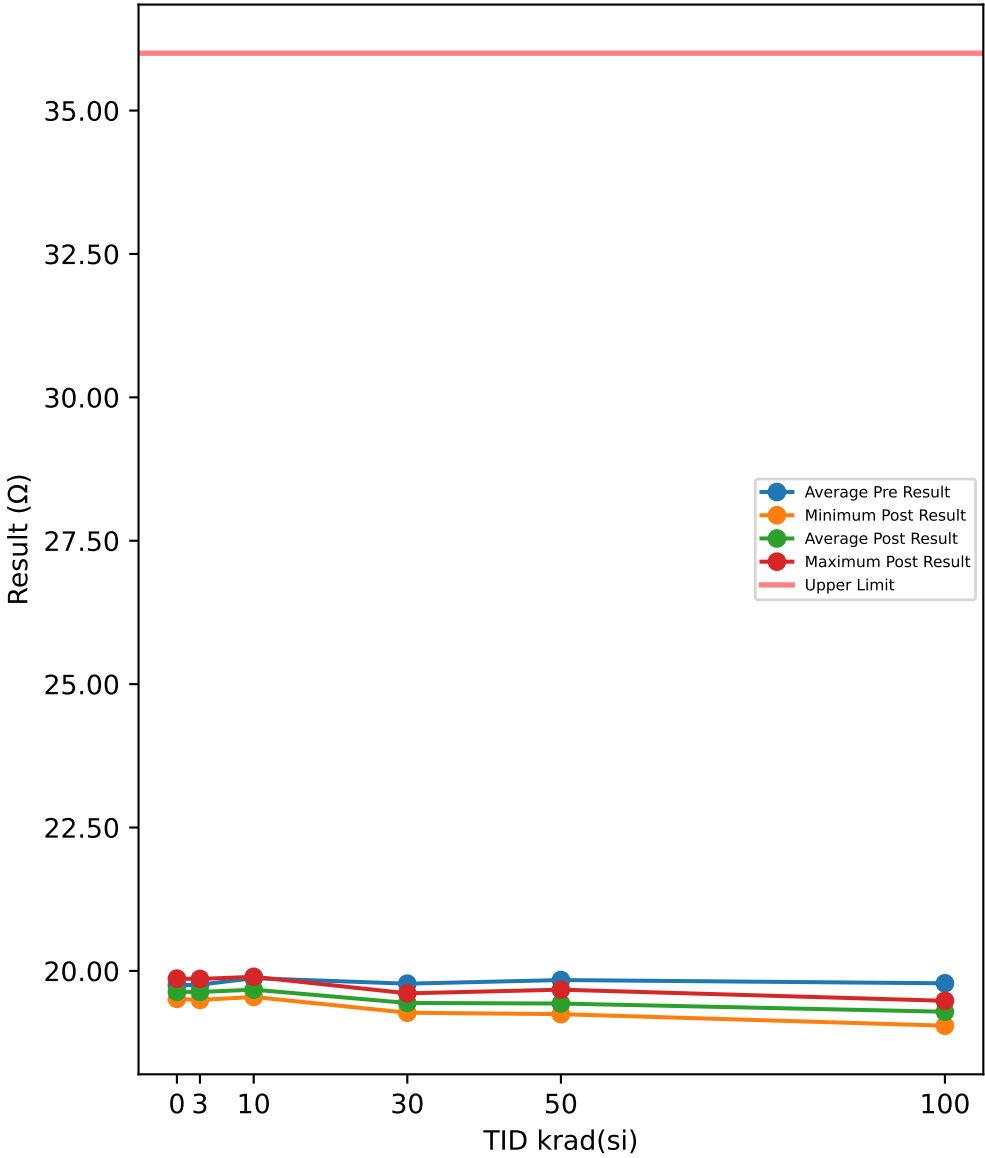
Device Test: 18.41 ; WDO_RNMOS



Test Results (Upper Limit = 36.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	15.59	15.441	-0.149
301	0	Correlation	15.393	15.3	-0.093
302	0	Correlation	15.529	15.438	-0.091
303	3	Bias	15.799	15.394	-0.405
304	3	Bias	15.838	15.436	-0.402
305	3	Bias	15.819	15.421	-0.398
306	3	Bias	15.734	15.376	-0.358
307	3	Bias	15.834	15.587	-0.247
308	3	Unbiased	15.824	15.606	-0.218
309	3	Unbiased	15.519	15.428	-0.091
310	3	Unbiased	15.574	15.525	-0.049
311	3	Unbiased	15.365	15.302	-0.063
312	3	Unbiased	15.317	15.244	-0.073
313	10	Bias	15.692	15.183	-0.509
314	10	Bias	15.604	15.094	-0.51
315	10	Bias	15.666	15.104	-0.562
316	10	Bias	15.49	15.331	-0.159
317	10	Bias	15.696	15.134	-0.562
318	10	Unbiased	15.343	15.194	-0.149
319	10	Unbiased	15.796	15.625	-0.171
320	10	Unbiased	15.526	15.324	-0.202
321	10	Unbiased	15.523	15.349	-0.174
322	10	Unbiased	15.643	15.465	-0.178
323	30	Bias	15.949	14.919	-1.03
324	30	Bias	15.613	14.659	-0.954
325	30	Bias	15.572	14.471	-1.101
326	30	Bias	15.437	14.374	-1.063
327	30	Bias	16.075	14.865	-1.21
328	30	Unbiased	15.527	15.239	-0.288
329	30	Unbiased	15.685	15.394	-0.291
330	30	Unbiased	15.518	15.212	-0.306
331	30	Unbiased	15.583	15.275	-0.308
332	30	Unbiased	15.749	15.424	-0.325
333	50	Bias	15.302	14.058	-1.244
334	50	Bias	15.52	14.242	-1.278
335	50	Bias	15.59	14.217	-1.373
336	50	Bias	15.64	14.28	-1.36
337	50	Bias	15.615	14.225	-1.39
338	50	Unbiased	15.543	15.158	-0.385
339	50	Unbiased	15.597	15.136	-0.461
340	50	Unbiased	15.73	15.201	-0.529
341	50	Unbiased	15.804	15.291	-0.513
342	50	Unbiased	15.585	15.093	-0.492
343	100	Bias	15.449	13.648	-1.801
344	100	Bias	15.71	13.857	-1.853
345	100	Bias	15.72	13.782	-1.938
346	100	Bias	15.919	13.93	-1.989
347	100	Bias	15.786	13.841	-1.945
348	100	Unbiased	15.572	14.941	-0.631
349	100	Unbiased	15.967	15.301	-0.666
350	100	Unbiased	15.715	15	-0.715
351	100	Unbiased	15.733	15.054	-0.679
352	100	Unbiased	15.413	14.762	-0.651

Test Statistics (Ω)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.393	15.504	15.59	0.10085	15.3	15.393	15.441	0.080554	-0.149	-0.111	-0.091	0.032924
3	15.317	15.662	15.838	0.20299	15.244	15.432	15.606	0.11543	-0.405	-0.2304	-0.049	0.1527
10	15.343	15.598	15.796	0.12988	15.094	15.28	15.625	0.17199	-0.562	-0.3176	-0.149	0.18905
30	15.437	15.671	16.075	0.20182	14.374	14.983	15.424	0.38336	-1.21	-0.6876	-0.288	0.40976
50	15.302	15.593	15.804	0.13274	14.058	14.69	15.291	0.51756	-1.39	-0.9025	-0.385	0.45319
100	15.413	15.698	15.967	0.17956	13.648	14.412	15.301	0.64958	-1.989	-1.2868	-0.631	0.65417

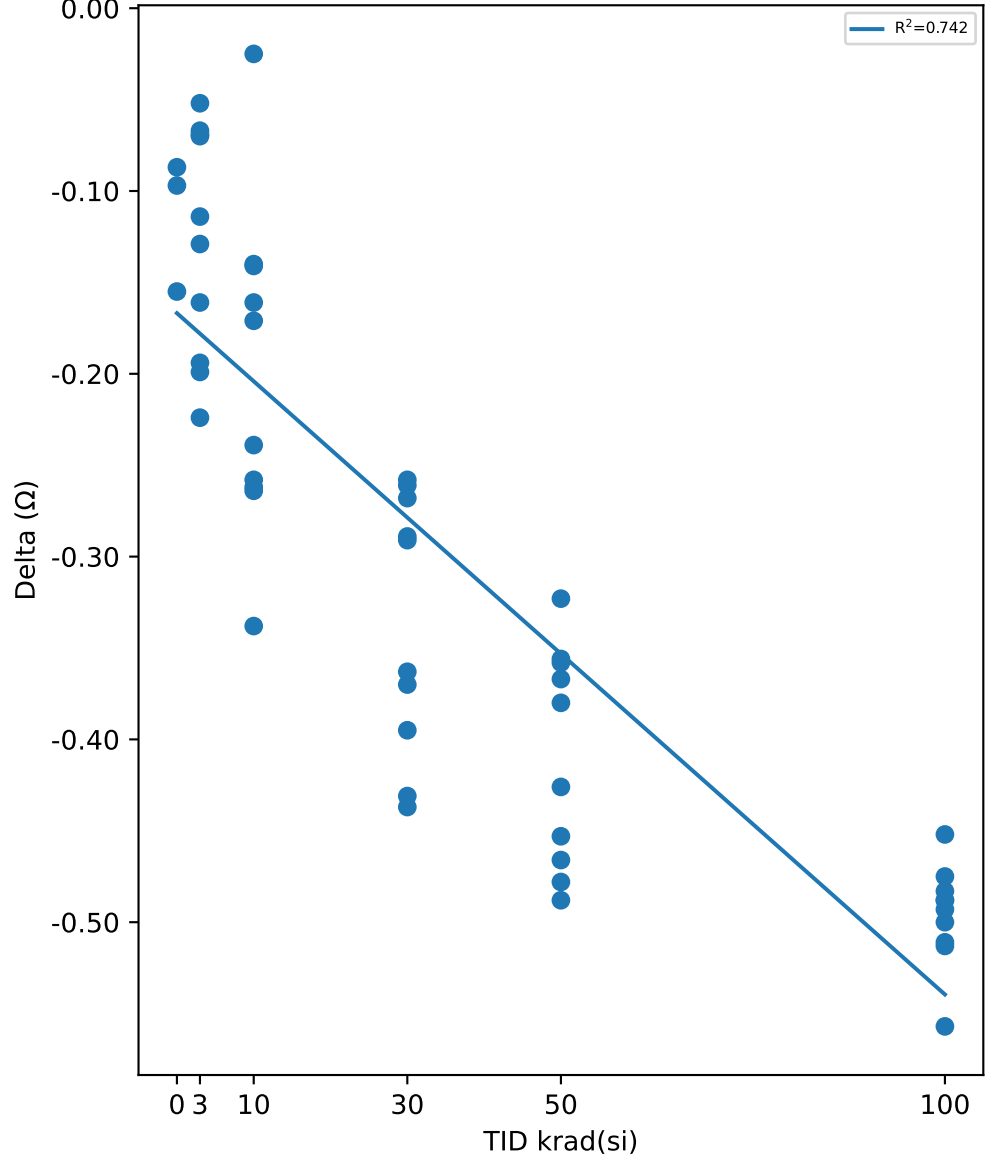
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.668	19.513	-0.155
301	0	Correlation	19.615	19.528	-0.087
302	0	Correlation	19.962	19.865	-0.097
303	3	Bias	19.736	19.537	-0.199
304	3	Bias	20.084	19.86	-0.224
305	3	Bias	19.801	19.607	-0.194
306	3	Bias	19.813	19.652	-0.161
307	3	Bias	19.737	19.608	-0.129
308	3	Unbiased	19.746	19.632	-0.114
309	3	Unbiased	19.862	19.795	-0.067
310	3	Unbiased	19.678	19.626	-0.052
311	3	Unbiased	19.563	19.494	-0.069
312	3	Unbiased	19.584	19.514	-0.07
313	10	Bias	19.864	19.625	-0.239
314	10	Bias	19.951	19.693	-0.258
315	10	Bias	19.815	19.553	-0.262
316	10	Bias	19.866	19.705	-0.161
317	10	Bias	19.838	19.574	-0.264
318	10	Unbiased	19.775	19.635	-0.14
319	10	Unbiased	19.687	19.546	-0.141
320	10	Unbiased	20.011	19.673	-0.338
321	10	Unbiased	19.859	19.834	-0.025
322	10	Unbiased	20.068	19.897	-0.171
323	30	Bias	19.75	19.38	-0.37
324	30	Bias	19.717	19.354	-0.363
325	30	Bias	19.966	19.535	-0.431
326	30	Bias	19.708	19.271	-0.437
327	30	Bias	19.866	19.471	-0.395
328	30	Unbiased	19.62	19.359	-0.261
329	30	Unbiased	19.867	19.609	-0.258
330	30	Unbiased	19.729	19.44	-0.289
331	30	Unbiased	19.804	19.513	-0.291
332	30	Unbiased	19.748	19.48	-0.268
333	50	Bias	19.742	19.316	-0.426
334	50	Bias	19.912	19.459	-0.453
335	50	Bias	19.734	19.268	-0.466
336	50	Bias	19.839	19.361	-0.478
337	50	Bias	20.083	19.595	-0.488
338	50	Unbiased	19.736	19.38	-0.356
339	50	Unbiased	19.569	19.246	-0.323
340	50	Unbiased	19.83	19.463	-0.367
341	50	Unbiased	19.91	19.552	-0.358
342	50	Unbiased	20.053	19.673	-0.38
343	100	Bias	19.699	19.216	-0.483
344	100	Bias	19.811	19.3	-0.511
345	100	Bias	19.757	19.244	-0.513
346	100	Bias	19.932	19.432	-0.5
347	100	Bias	19.842	19.354	-0.488
348	100	Unbiased	19.972	19.479	-0.493
349	100	Unbiased	19.815	19.363	-0.452
350	100	Unbiased	19.602	19.045	-0.557
351	100	Unbiased	19.81	19.322	-0.488
352	100	Unbiased	19.603	19.128	-0.475

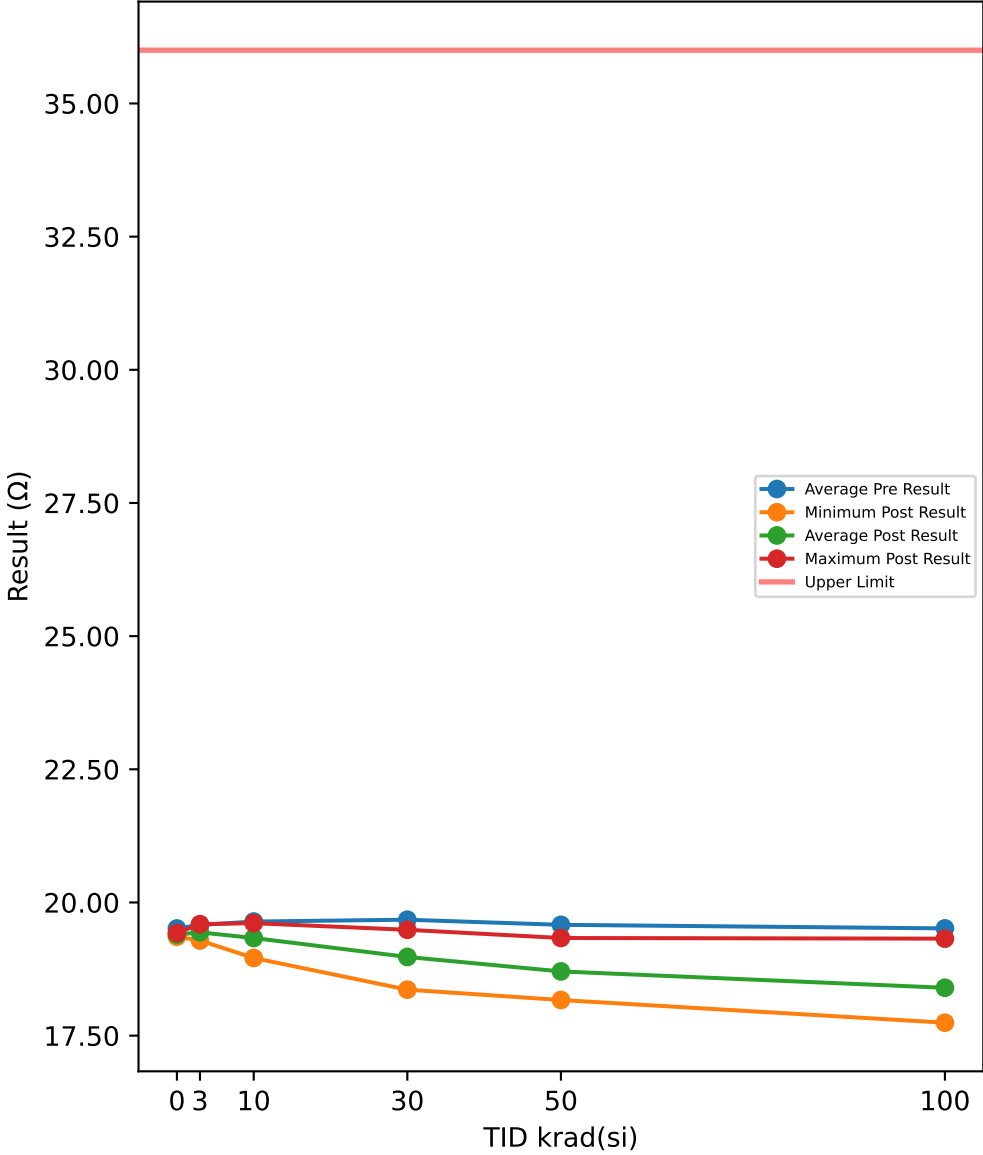
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.615	19.748	19.962	0.18693	19.513	19.635	19.865	0.19904	-0.155	-0.113	-0.087	0.036715
3	19.563	19.76	20.084	0.1482	19.494	19.633	19.86	0.11651	-0.224	-0.1279	-0.052	0.063457
10	19.687	19.873	20.068	0.11169	19.546	19.674	19.897	0.11624	-0.338	-0.1999	-0.025	0.089404
30	19.62	19.777	19.966	0.09964	19.271	19.441	19.609	0.10087	-0.437	-0.3363	-0.258	0.070835
50	19.569	19.841	20.083	0.15624	19.246	19.431	19.673	0.14276	-0.488	-0.4095	-0.323	0.059521
100	19.602	19.784	19.972	0.1233	19.045	19.288	19.479	0.13344	-0.557	-0.496	-0.452	0.027757

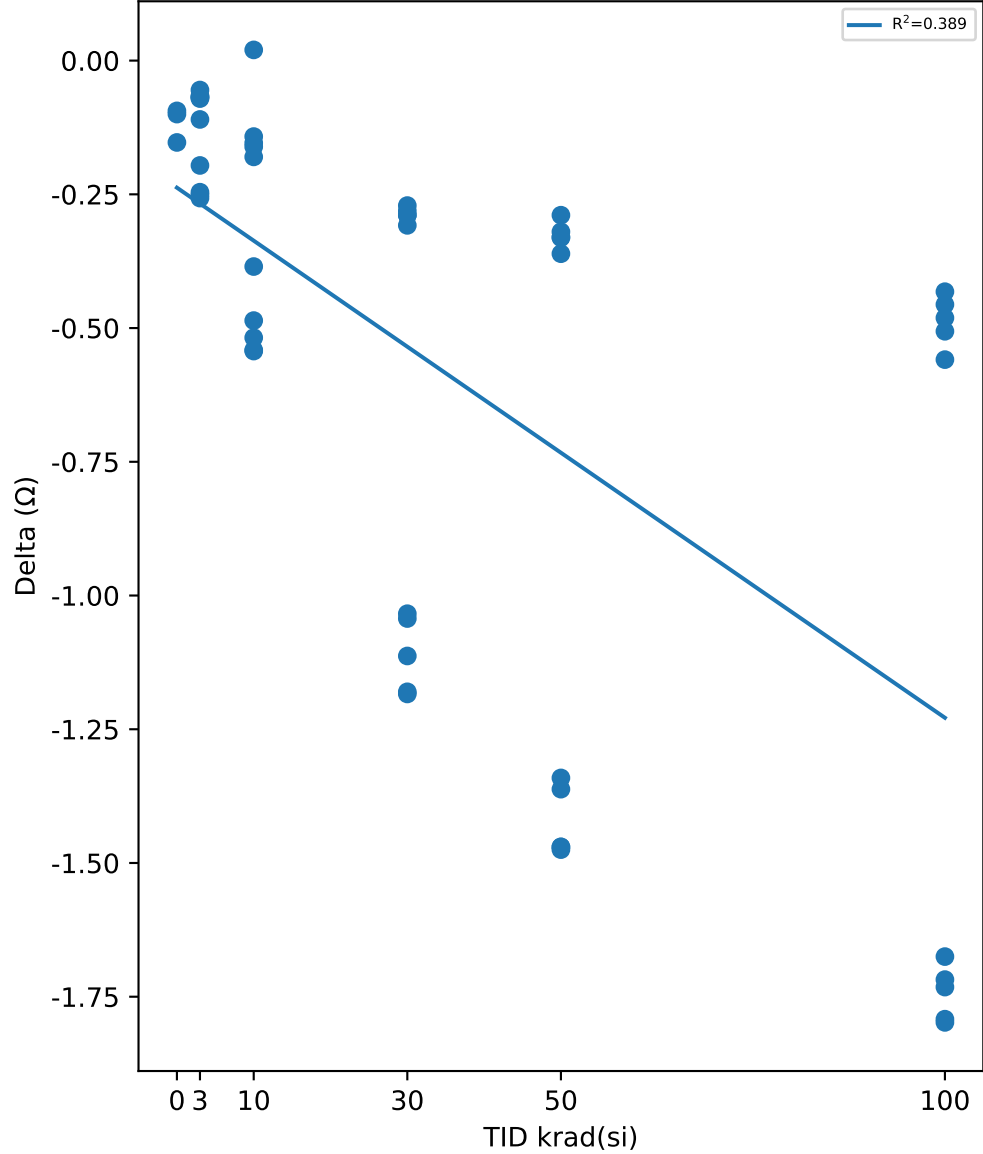
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.557	19.404	-0.153
301	0	Correlation	19.451	19.357	-0.094
302	0	Correlation	19.527	19.427	-0.1
303	3	Bias	19.617	19.371	-0.246
304	3	Bias	19.634	19.383	-0.251
305	3	Bias	19.761	19.504	-0.257
306	3	Bias	19.619	19.423	-0.196
307	3	Bias	19.607	19.497	-0.11
308	3	Unbiased	19.661	19.593	-0.068
309	3	Unbiased	19.414	19.348	-0.066
310	3	Unbiased	19.647	19.592	-0.055
311	3	Unbiased	19.461	19.39	-0.071
312	3	Unbiased	19.355	19.286	-0.069
313	10	Bias	19.739	19.253	-0.486
314	10	Bias	19.476	18.958	-0.518
315	10	Bias	19.745	19.204	-0.541
316	10	Bias	19.611	19.457	-0.154
317	10	Bias	19.808	19.265	-0.543
318	10	Unbiased	19.374	19.232	-0.142
319	10	Unbiased	19.688	19.527	-0.161
320	10	Unbiased	19.591	19.611	0.02
321	10	Unbiased	19.805	19.42	-0.385
322	10	Unbiased	19.582	19.402	-0.18
323	30	Bias	19.725	18.682	-1.043
324	30	Bias	19.701	18.667	-1.034
325	30	Bias	19.547	18.363	-1.184
326	30	Bias	19.596	18.416	-1.18
327	30	Bias	19.859	18.746	-1.113
328	30	Unbiased	19.603	19.322	-0.281
329	30	Unbiased	19.751	19.48	-0.271
330	30	Unbiased	19.555	19.266	-0.289
331	30	Unbiased	19.65	19.342	-0.308
332	30	Unbiased	19.776	19.487	-0.289
333	50	Bias	19.698	18.336	-1.362
334	50	Bias	19.51	18.169	-1.341
335	50	Bias	19.647	18.172	-1.475
336	50	Bias	19.677	18.207	-1.47
337	50	Bias	19.737	18.267	-1.47
338	50	Unbiased	19.583	19.222	-0.361
339	50	Unbiased	19.351	19.062	-0.289
340	50	Unbiased	19.487	19.156	-0.331
341	50	Unbiased	19.653	19.333	-0.32
342	50	Unbiased	19.459	19.129	-0.33
343	100	Bias	19.418	17.743	-1.675
344	100	Bias	19.564	17.846	-1.718
345	100	Bias	19.56	17.768	-1.792
346	100	Bias	19.636	17.838	-1.798
347	100	Bias	19.627	17.895	-1.732
348	100	Unbiased	19.398	18.942	-0.456
349	100	Unbiased	19.753	19.321	-0.432
350	100	Unbiased	19.442	18.883	-0.559
351	100	Unbiased	19.338	18.832	-0.506
352	100	Unbiased	19.397	18.916	-0.481

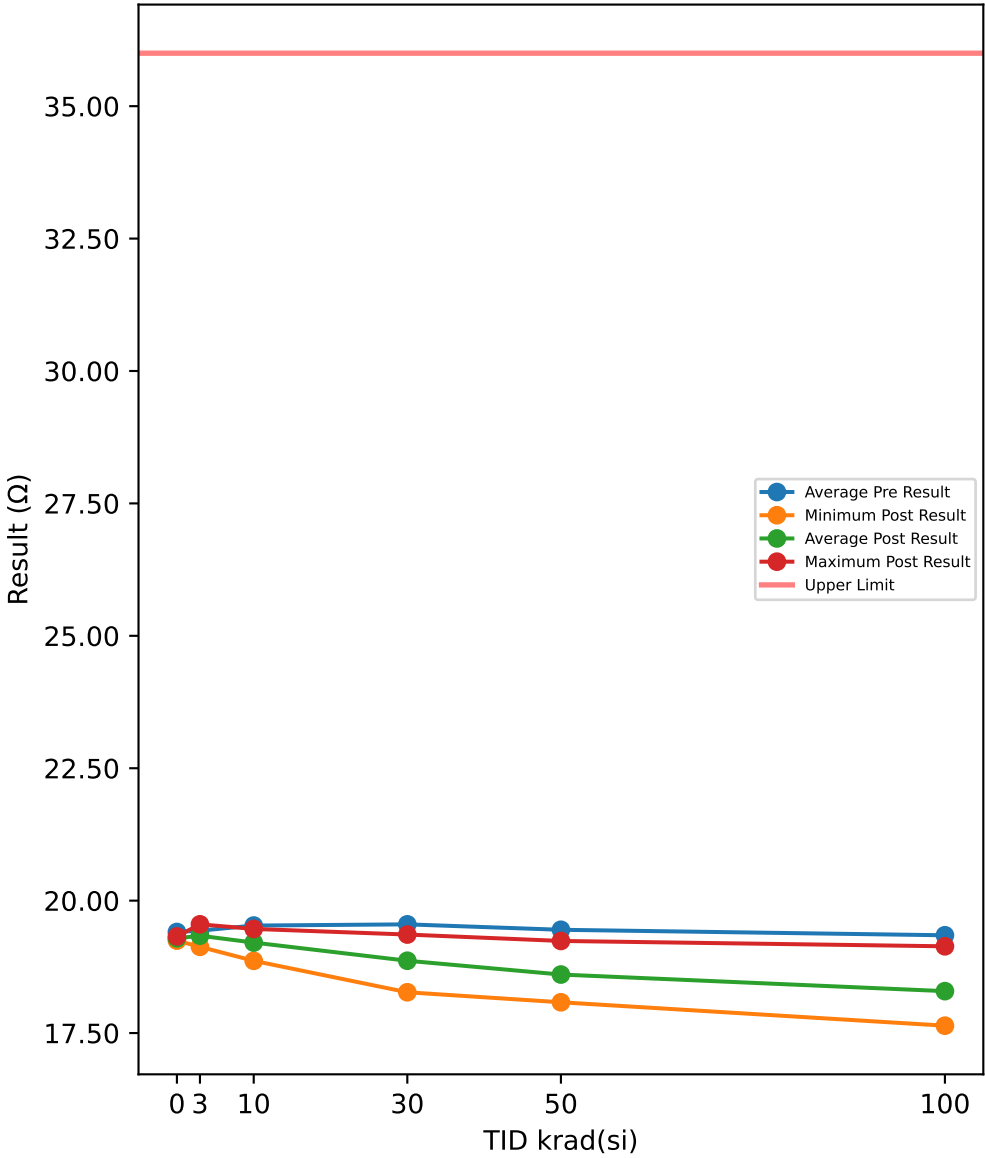
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.451	19.512	19.557	0.054638	19.357	19.396	19.427	0.035679	-0.153	-0.11567	-0.094	0.03247
3	19.355	19.578	19.761	0.12589	19.286	19.439	19.593	0.10372	-0.257	-0.1389	-0.055	0.087532
10	19.374	19.642	19.808	0.14252	18.958	19.333	19.611	0.18889	-0.543	-0.309	0.02	0.20765
30	19.547	19.676	19.859	0.10319	18.363	18.977	19.487	0.44436	-1.184	-0.6992	-0.271	0.43659
50	19.351	19.58	19.737	0.12402	18.169	18.705	19.333	0.50768	-1.475	-0.8749	-0.289	0.58032
100	19.338	19.513	19.753	0.13413	17.743	18.398	19.321	0.6269	-1.798	-1.1149	-0.432	0.66378

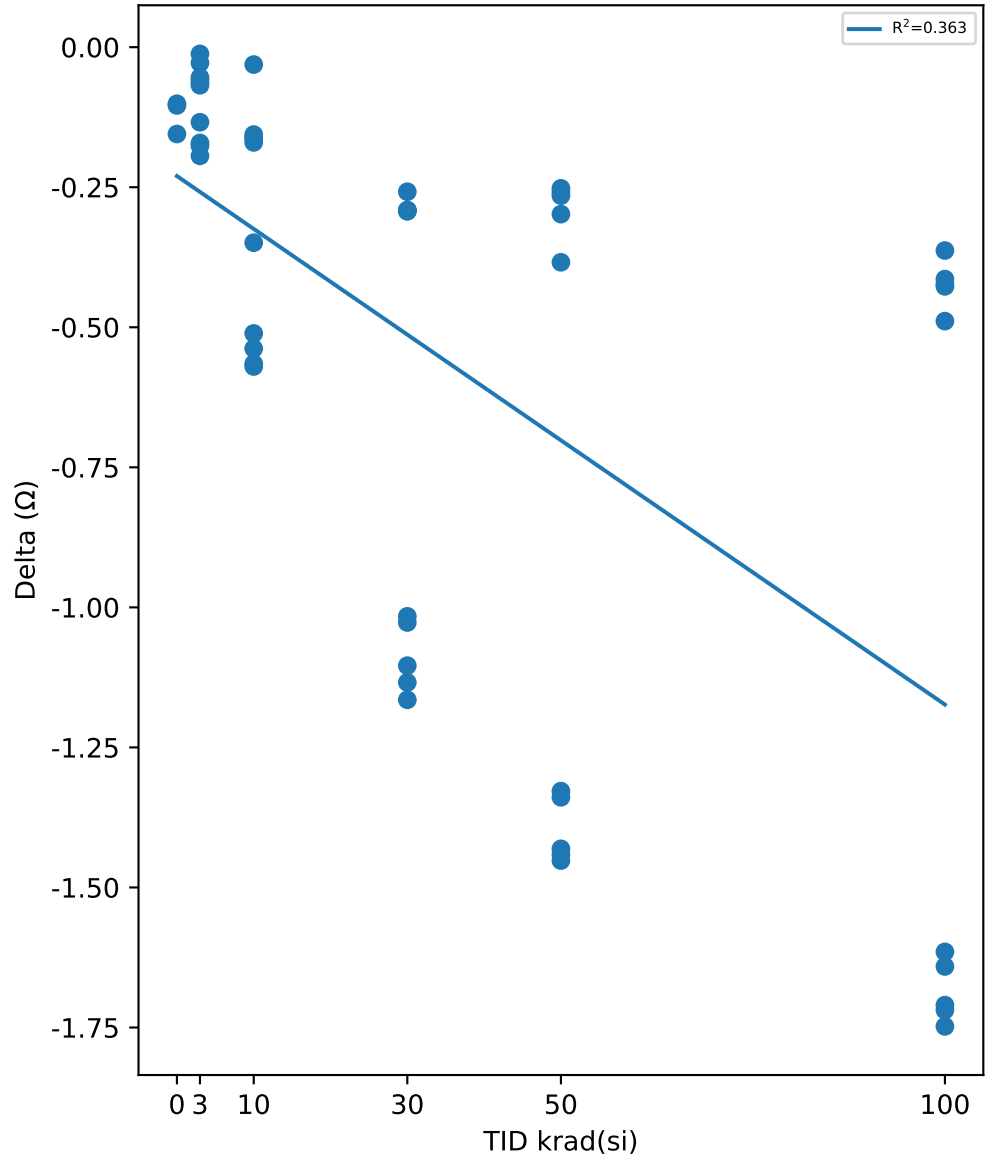
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.479	19.324	-0.155
301	0	Correlation	19.349	19.245	-0.104
302	0	Correlation	19.396	19.295	-0.101
303	3	Bias	19.419	19.243	-0.176
304	3	Bias	19.566	19.395	-0.171
305	3	Bias	19.495	19.301	-0.194
306	3	Bias	19.501	19.367	-0.134
307	3	Bias	19.405	19.377	-0.028
308	3	Unbiased	19.565	19.553	-0.012
309	3	Unbiased	19.347	19.283	-0.064
310	3	Unbiased	19.538	19.484	-0.054
311	3	Unbiased	19.315	19.247	-0.068
312	3	Unbiased	19.186	19.128	-0.058
313	10	Bias	19.657	19.146	-0.511
314	10	Bias	19.402	18.864	-0.538
315	10	Bias	19.606	19.036	-0.57
316	10	Bias	19.5	19.339	-0.161
317	10	Bias	19.702	19.137	-0.565
318	10	Unbiased	19.222	19.066	-0.156
319	10	Unbiased	19.535	19.373	-0.162
320	10	Unbiased	19.497	19.466	-0.031
321	10	Unbiased	19.668	19.319	-0.349
322	10	Unbiased	19.507	19.337	-0.17
323	30	Bias	19.631	18.604	-1.027
324	30	Bias	19.541	18.525	-1.016
325	30	Bias	19.49	18.325	-1.165
326	30	Bias	19.404	18.27	-1.134
327	30	Bias	19.755	18.651	-1.104
328	30	Unbiased	19.411	19.12	-0.291
329	30	Unbiased	19.618	19.36	-0.258
330	30	Unbiased	19.405	19.114	-0.291
331	30	Unbiased	19.632	19.34	-0.292
332	30	Unbiased	19.636	19.343	-0.293
333	50	Bias	19.542	18.214	-1.328
334	50	Bias	19.42	18.081	-1.339
335	50	Bias	19.555	18.124	-1.431
336	50	Bias	19.64	18.199	-1.441
337	50	Bias	19.632	18.18	-1.452
338	50	Unbiased	19.447	19.063	-0.384
339	50	Unbiased	19.189	18.93	-0.259
340	50	Unbiased	19.291	18.993	-0.298
341	50	Unbiased	19.491	19.239	-0.252
342	50	Unbiased	19.29	19.025	-0.265
343	100	Bias	19.254	17.639	-1.615
344	100	Bias	19.441	17.8	-1.641
345	100	Bias	19.375	17.656	-1.719
346	100	Bias	19.6	17.852	-1.748
347	100	Bias	19.525	17.815	-1.71
348	100	Unbiased	19.223	18.809	-0.414
349	100	Unbiased	19.501	19.138	-0.363
350	100	Unbiased	19.217	18.728	-0.489
351	100	Unbiased	19.238	18.811	-0.427
352	100	Unbiased	19.087	18.664	-0.423

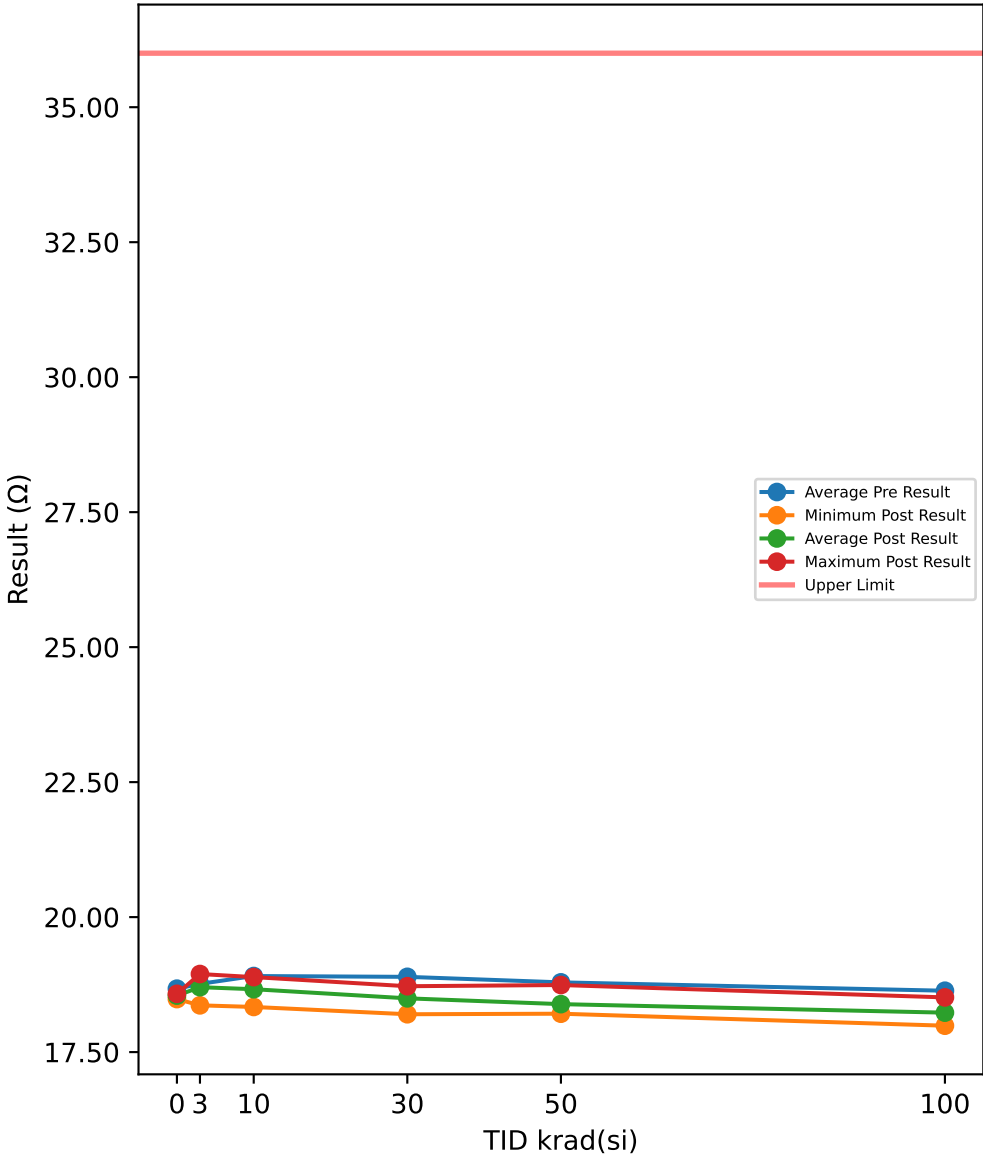
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.349	19.408	19.479	0.065826	19.245	19.288	19.324	0.039962	-0.155	-0.12	-0.101	0.030348
3	19.186	19.434	19.566	0.12379	19.128	19.338	19.553	0.12425	-0.194	-0.0959	-0.012	0.066474
10	19.222	19.53	19.702	0.14311	18.864	19.208	19.466	0.18764	-0.57	-0.3213	-0.031	0.2083
30	19.404	19.552	19.755	0.12139	18.27	18.865	19.36	0.43478	-1.165	-0.6871	-0.258	0.42622
50	19.189	19.45	19.64	0.15286	18.081	18.605	19.239	0.47709	-1.452	-0.8449	-0.252	0.58572
100	19.087	19.346	19.6	0.16648	17.639	18.291	19.138	0.58452	-1.748	-1.0549	-0.363	0.66759

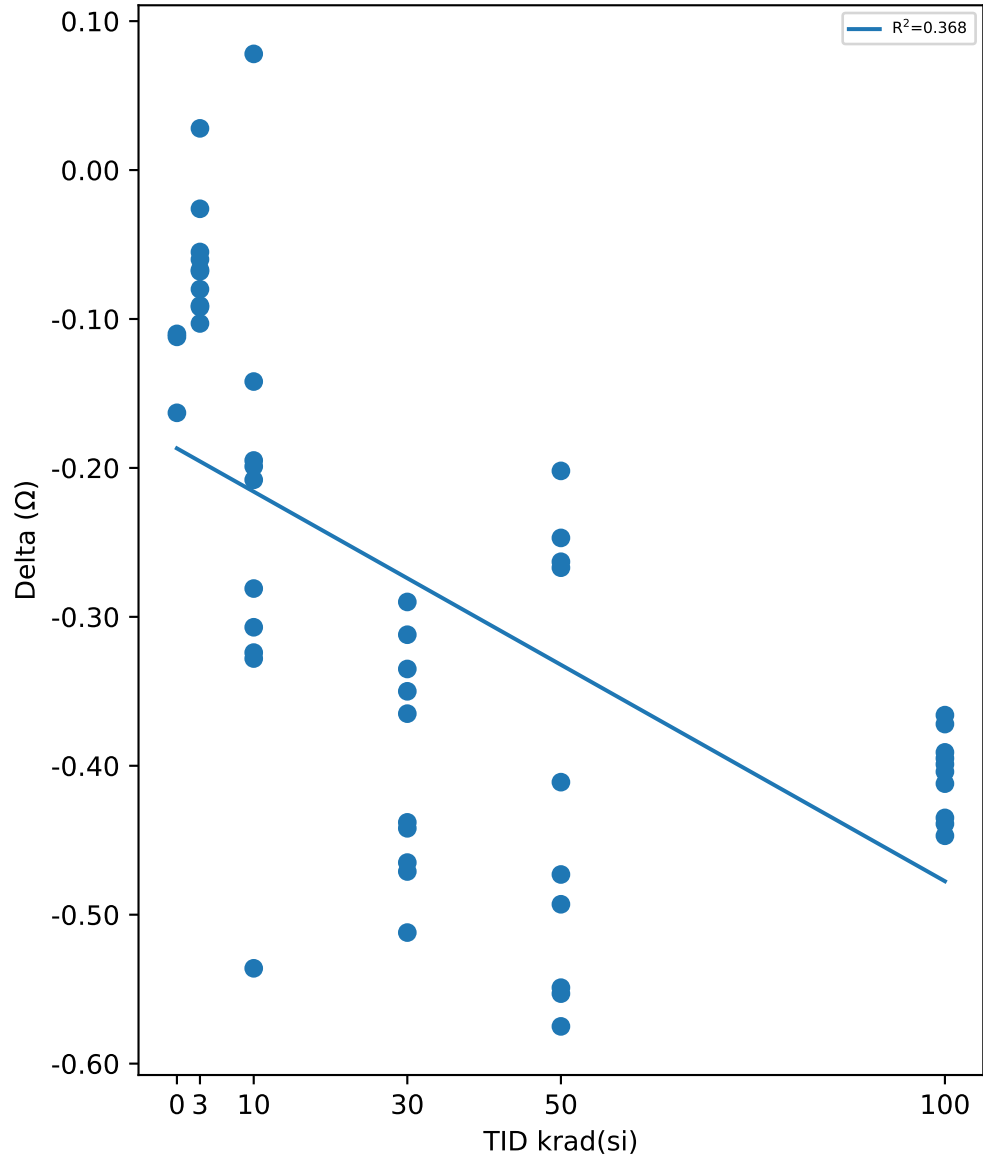
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	18.742	18.579	-0.163
301	0	Correlation	18.594	18.482	-0.112
302	0	Correlation	18.688	18.578	-0.11
303	3	Bias	18.717	18.614	-0.103
304	3	Bias	19.014	18.946	-0.068
305	3	Bias	18.912	18.82	-0.092
306	3	Bias	18.791	18.736	-0.055
307	3	Bias	18.77	18.744	-0.026
308	3	Unbiased	18.859	18.887	0.028
309	3	Unbiased	18.651	18.56	-0.091
310	3	Unbiased	18.928	18.848	-0.08
311	3	Unbiased	18.56	18.5	-0.06
312	3	Unbiased	18.433	18.366	-0.067
313	10	Bias	19.043	18.736	-0.307
314	10	Bias	18.72	18.439	-0.281
315	10	Bias	19.057	18.729	-0.328
316	10	Bias	18.804	18.609	-0.195
317	10	Bias	19.159	18.835	-0.324
318	10	Unbiased	18.478	18.336	-0.142
319	10	Unbiased	18.923	18.724	-0.199
320	10	Unbiased	18.811	18.889	0.078
321	10	Unbiased	19.132	18.596	-0.536
322	10	Unbiased	18.961	18.753	-0.208
323	30	Bias	19.03	18.559	-0.471
324	30	Bias	18.894	18.452	-0.442
325	30	Bias	18.796	18.331	-0.465
326	30	Bias	18.639	18.201	-0.438
327	30	Bias	19.213	18.701	-0.512
328	30	Unbiased	18.676	18.386	-0.29
329	30	Unbiased	19.055	18.72	-0.335
330	30	Unbiased	18.667	18.355	-0.312
331	30	Unbiased	18.976	18.611	-0.365
332	30	Unbiased	18.991	18.641	-0.35
333	50	Bias	18.86	18.367	-0.493
334	50	Bias	18.738	18.265	-0.473
335	50	Bias	18.967	18.418	-0.549
336	50	Bias	19.005	18.452	-0.553
337	50	Bias	18.987	18.412	-0.575
338	50	Unbiased	18.754	18.343	-0.411
339	50	Unbiased	18.413	18.211	-0.202
340	50	Unbiased	18.64	18.377	-0.263
341	50	Unbiased	19.009	18.742	-0.267
342	50	Unbiased	18.543	18.296	-0.247
343	100	Bias	18.475	18.071	-0.404
344	100	Bias	18.781	18.342	-0.439
345	100	Bias	18.778	18.343	-0.435
346	100	Bias	18.819	18.407	-0.412
347	100	Bias	18.702	18.311	-0.391
348	100	Unbiased	18.53	18.158	-0.372
349	100	Unbiased	18.912	18.513	-0.399
350	100	Unbiased	18.485	18.038	-0.447
351	100	Unbiased	18.528	18.133	-0.395
352	100	Unbiased	18.355	17.989	-0.366

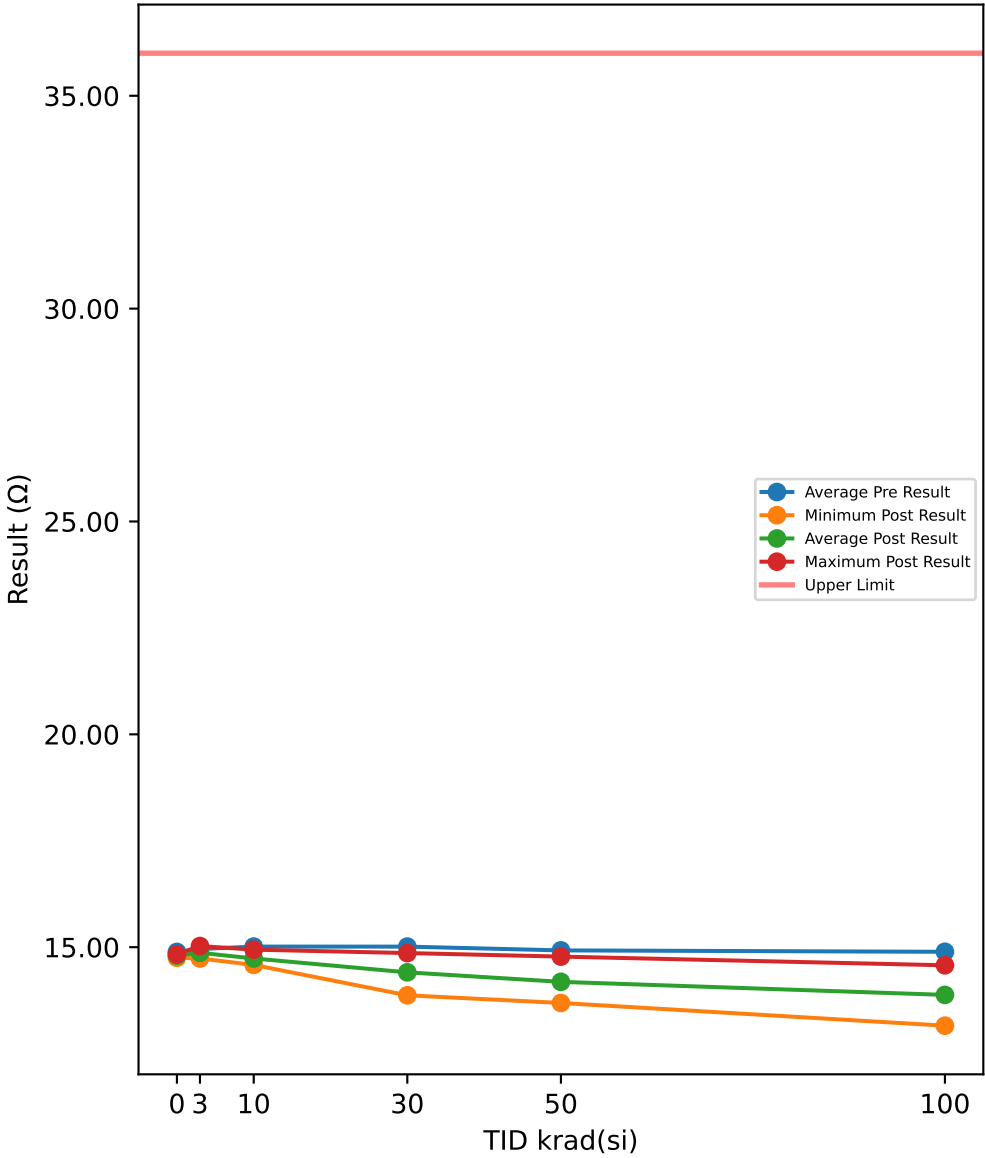
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.594	18.675	18.742	0.074895	18.482	18.546	18.579	0.055717	-0.163	-0.12833	-0.11	0.030039
3	18.433	18.764	19.014	0.17865	18.366	18.702	18.946	0.18665	-0.103	-0.0614	0.028	0.038373
10	18.478	18.909	19.159	0.21005	18.336	18.665	18.889	0.17213	-0.536	-0.2442	0.078	0.15772
30	18.639	18.894	19.213	0.19322	18.201	18.496	18.72	0.17594	-0.512	-0.398	-0.29	0.076574
50	18.413	18.792	19.009	0.21051	18.211	18.388	18.742	0.14468	-0.575	-0.4033	-0.202	0.14503
100	18.355	18.637	18.912	0.18433	17.989	18.23	18.513	0.17579	-0.447	-0.406	-0.366	0.027491

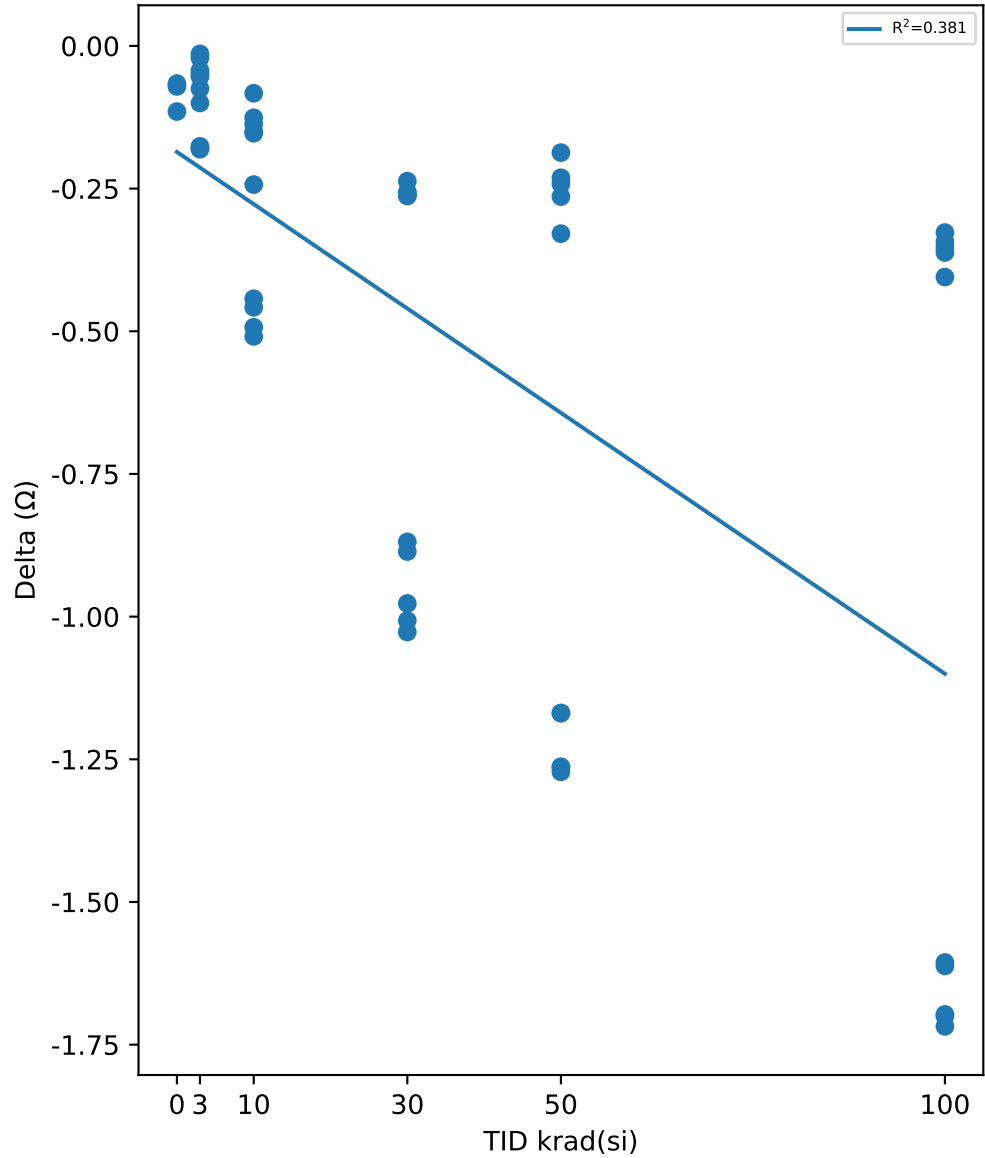
TID vs Result Stats



Test Results (Upper Limit = 36.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	14.942	14.827	-0.115
301	0	Correlation	14.819	14.753	-0.066
302	0	Correlation	14.904	14.833	-0.071
303	3	Bias	15.062	14.884	-0.178
304	3	Bias	15.095	14.914	-0.181
305	3	Bias	14.986	14.81	-0.176
306	3	Bias	14.835	14.735	-0.1
307	3	Bias	14.981	14.967	-0.014
308	3	Unbiased	15.048	15.027	-0.021
309	3	Unbiased	14.931	14.856	-0.075
310	3	Unbiased	15.023	14.98	-0.043
311	3	Unbiased	14.819	14.77	-0.049
312	3	Unbiased	14.793	14.739	-0.054
313	10	Bias	15.027	14.584	-0.443
314	10	Bias	15.089	14.631	-0.458
315	10	Bias	15.124	14.615	-0.509
316	10	Bias	14.91	14.757	-0.153
317	10	Bias	15.078	14.585	-0.493
318	10	Unbiased	14.893	14.767	-0.126
319	10	Unbiased	15.079	14.942	-0.137
320	10	Unbiased	14.895	14.812	-0.083
321	10	Unbiased	14.994	14.751	-0.243
322	10	Unbiased	15.056	14.906	-0.15
323	30	Bias	15.201	14.315	-0.886
324	30	Bias	14.955	14.086	-0.869
325	30	Bias	15.052	14.045	-1.007
326	30	Bias	14.847	13.87	-0.977
327	30	Bias	15.257	14.23	-1.027
328	30	Unbiased	14.891	14.654	-0.237
329	30	Unbiased	15.012	14.756	-0.256
330	30	Unbiased	14.894	14.632	-0.262
331	30	Unbiased	14.906	14.643	-0.263
332	30	Unbiased	15.12	14.862	-0.258
333	50	Bias	14.859	13.69	-1.169
334	50	Bias	14.938	13.769	-1.169
335	50	Bias	15.011	13.747	-1.264
336	50	Bias	14.968	13.705	-1.263
337	50	Bias	15.018	13.746	-1.272
338	50	Unbiased	14.896	14.567	-0.329
339	50	Unbiased	14.71	14.523	-0.187
340	50	Unbiased	14.95	14.686	-0.264
341	50	Unbiased	15.021	14.779	-0.242
342	50	Unbiased	14.879	14.648	-0.231
343	100	Bias	14.768	13.156	-1.612
344	100	Bias	14.903	13.297	-1.606
345	100	Bias	15.013	13.295	-1.718
346	100	Bias	15.09	13.39	-1.7
347	100	Bias	15.017	13.32	-1.697
348	100	Unbiased	14.788	14.461	-0.327
349	100	Unbiased	14.918	14.575	-0.343
350	100	Unbiased	14.844	14.439	-0.405
351	100	Unbiased	14.838	14.476	-0.362
352	100	Unbiased	14.739	14.385	-0.354

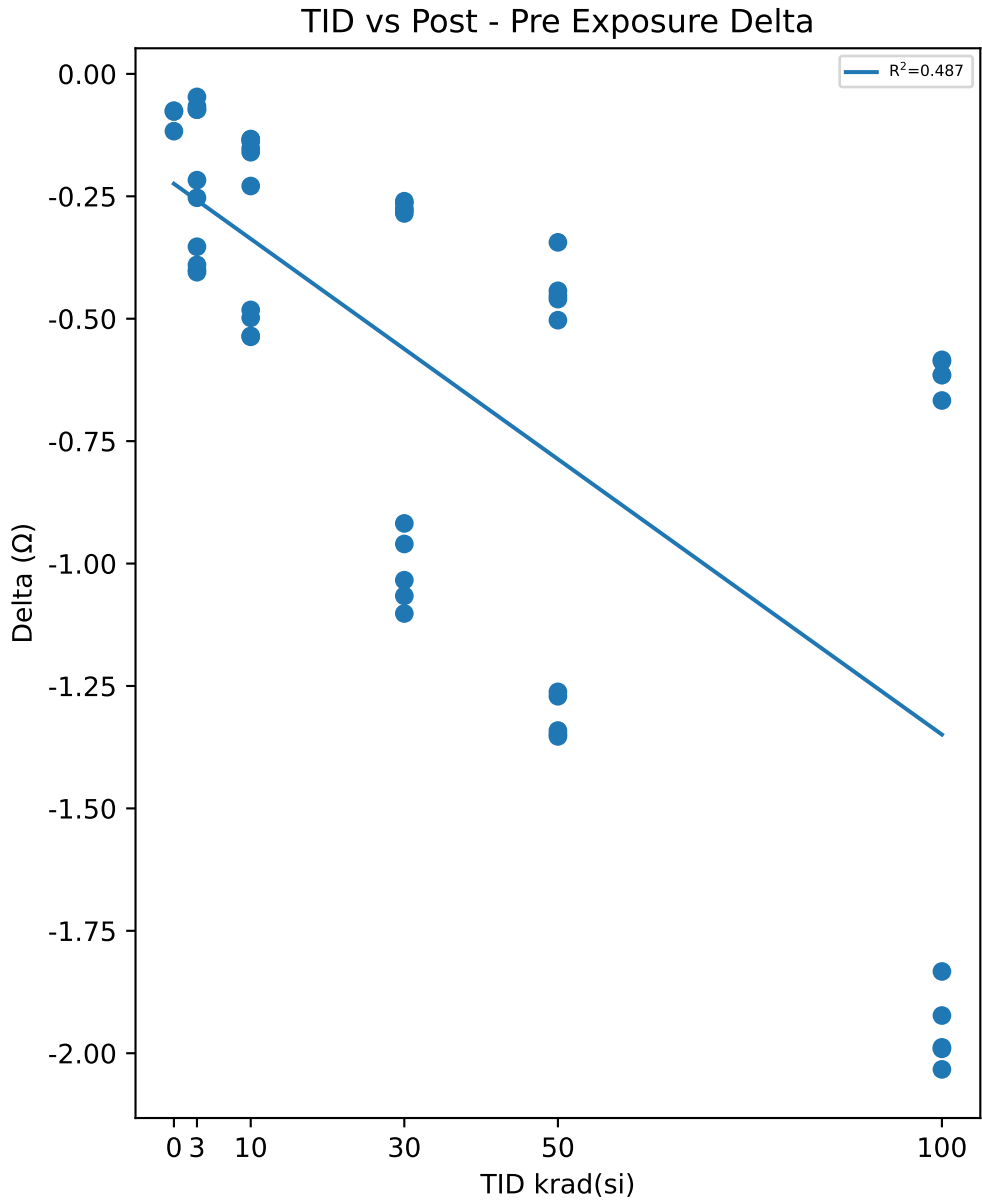
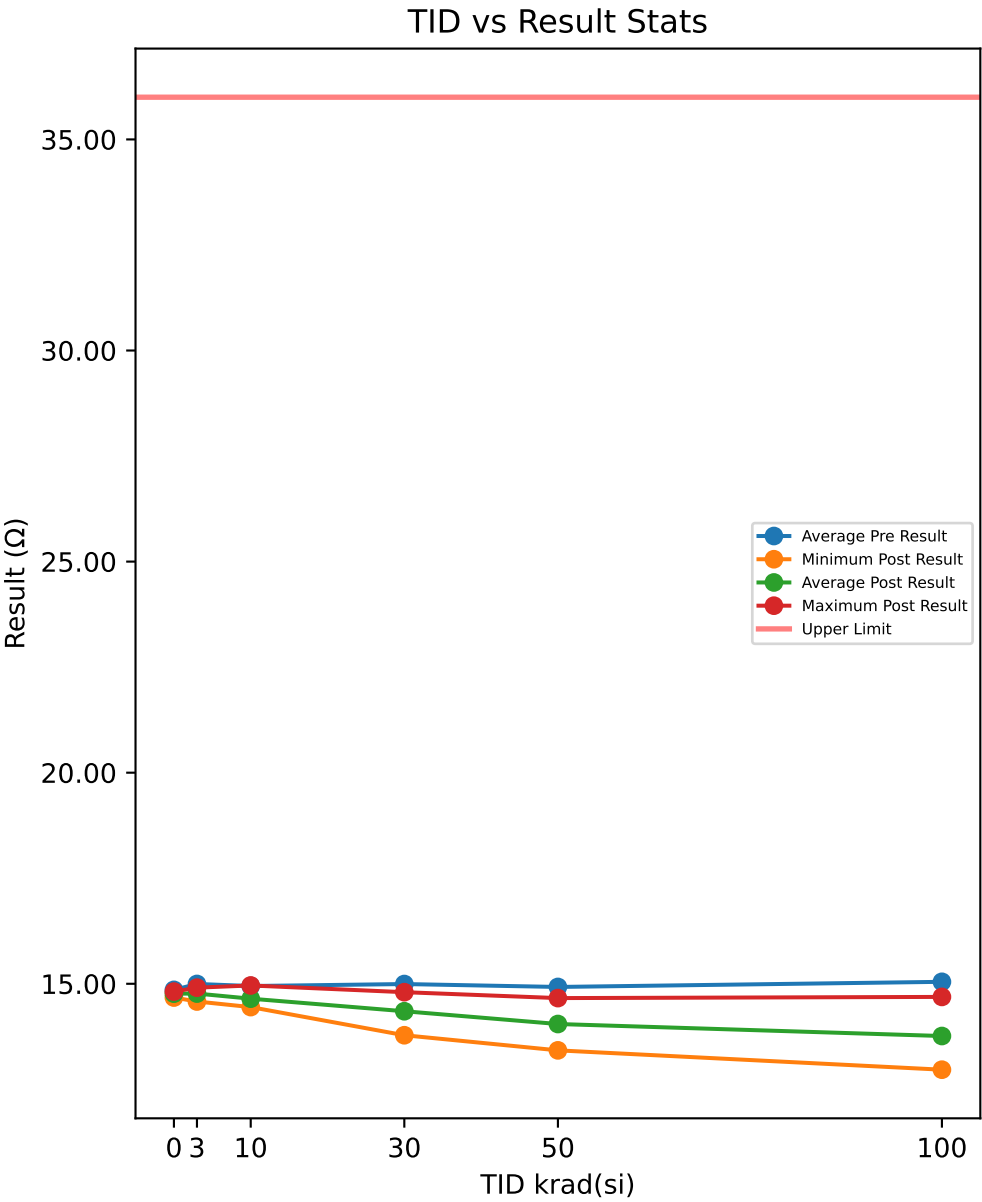
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.819	14.888	14.942	0.062979	14.753	14.804	14.833	0.044557	-0.115	-0.084	-0.066	0.026963
3	14.793	14.957	15.095	0.10833	14.735	14.868	15.027	0.10405	-0.181	-0.0891	-0.014	0.066216
10	14.893	15.015	15.124	0.086919	14.584	14.735	14.942	0.12923	-0.509	-0.2795	-0.083	0.1743
30	14.847	15.013	15.257	0.14113	13.87	14.409	14.862	0.34292	-1.027	-0.6042	-0.237	0.37103
50	14.71	14.925	15.021	0.095127	13.69	14.186	14.779	0.48436	-1.272	-0.739	-0.187	0.51721
100	14.739	14.892	15.09	0.11789	13.156	13.879	14.575	0.6239	-1.718	-1.0124	-0.327	0.69078

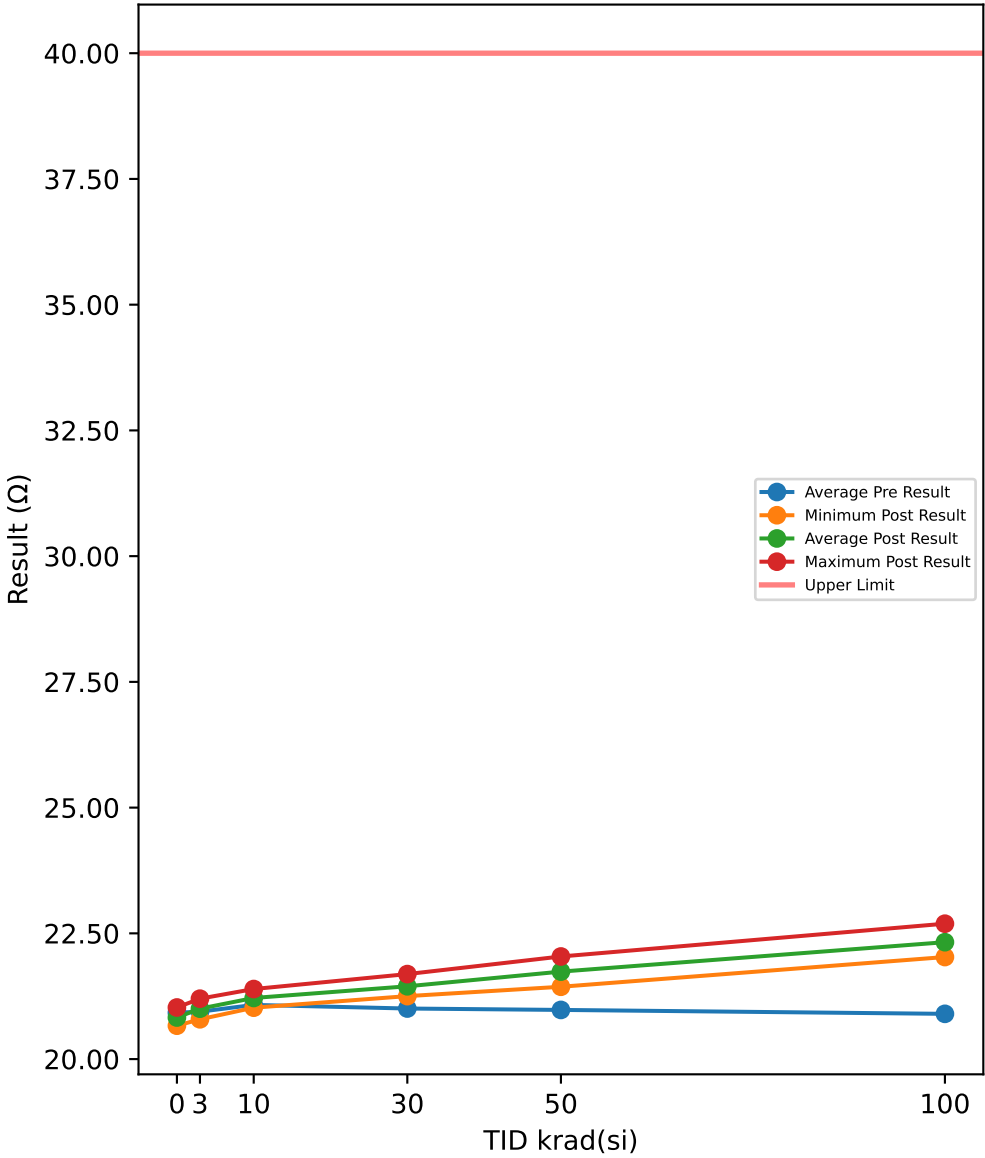
Device Test: 18.47 ; WDO_RNMOS



Test Results (Upper Limit = 36.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	14.926	14.809	-0.117
301	0	Correlation	14.749	14.674	-0.075
302	0	Correlation	14.892	14.815	-0.077
303	3	Bias	15.175	14.775	-0.4
304	3	Bias	15.163	14.773	-0.39
305	3	Bias	15.178	14.773	-0.405
306	3	Bias	15.083	14.73	-0.353
307	3	Bias	15.114	14.861	-0.253
308	3	Unbiased	15.125	14.908	-0.217
309	3	Unbiased	14.836	14.77	-0.066
310	3	Unbiased	14.886	14.839	-0.047
311	3	Unbiased	14.745	14.672	-0.073
312	3	Unbiased	14.653	14.58	-0.073
313	10	Bias	15.016	14.534	-0.482
314	10	Bias	14.946	14.448	-0.498
315	10	Bias	15.029	14.494	-0.535
316	10	Bias	14.85	14.69	-0.16
317	10	Bias	15.022	14.485	-0.537
318	10	Unbiased	14.69	14.557	-0.133
319	10	Unbiased	15.098	14.96	-0.138
320	10	Unbiased	14.888	14.754	-0.134
321	10	Unbiased	14.959	14.73	-0.229
322	10	Unbiased	14.971	14.819	-0.152
323	30	Bias	15.195	14.235	-0.96
324	30	Bias	14.943	14.025	-0.918
325	30	Bias	14.924	13.858	-1.066
326	30	Bias	14.815	13.781	-1.034
327	30	Bias	15.333	14.231	-1.102
328	30	Unbiased	14.873	14.609	-0.264
329	30	Unbiased	14.997	14.737	-0.26
330	30	Unbiased	14.872	14.587	-0.285
331	30	Unbiased	14.91	14.631	-0.279
332	30	Unbiased	15.076	14.801	-0.275
333	50	Bias	14.694	13.423	-1.271
334	50	Bias	14.876	13.614	-1.262
335	50	Bias	14.91	13.557	-1.353
336	50	Bias	14.954	13.606	-1.348
337	50	Bias	14.935	13.594	-1.341
338	50	Unbiased	14.86	14.516	-0.344
339	50	Unbiased	14.933	14.49	-0.443
340	50	Unbiased	15.039	14.536	-0.503
341	50	Unbiased	15.114	14.661	-0.453
342	50	Unbiased	14.933	14.473	-0.46
343	100	Bias	14.798	12.965	-1.833
344	100	Bias	15.073	13.15	-1.923
345	100	Bias	15.059	13.071	-1.988
346	100	Bias	15.257	13.224	-2.033
347	100	Bias	15.18	13.189	-1.991
348	100	Unbiased	14.903	14.319	-0.584
349	100	Unbiased	15.276	14.689	-0.587
350	100	Unbiased	15.068	14.401	-0.667
351	100	Unbiased	15.05	14.435	-0.615
352	100	Unbiased	14.799	14.184	-0.615

Test Statistics (Ω)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.749	14.856	14.926	0.093927	14.674	14.766	14.815	0.079731	-0.117	-0.089667	-0.075	0.023692
3	14.653	14.996	15.178	0.19707	14.58	14.768	14.908	0.093925	-0.405	-0.2277	-0.047	0.15296
10	14.69	14.947	15.098	0.11526	14.448	14.647	14.96	0.16927	-0.537	-0.2998	-0.133	0.18618
30	14.815	14.994	15.333	0.16268	13.781	14.35	14.801	0.37331	-1.102	-0.6443	-0.26	0.39511
50	14.694	14.925	15.114	0.11055	13.423	14.047	14.661	0.51966	-1.353	-0.8778	-0.344	0.46346
100	14.798	15.046	15.276	0.16988	12.965	13.763	14.689	0.69233	-2.033	-1.2836	-0.584	0.7085

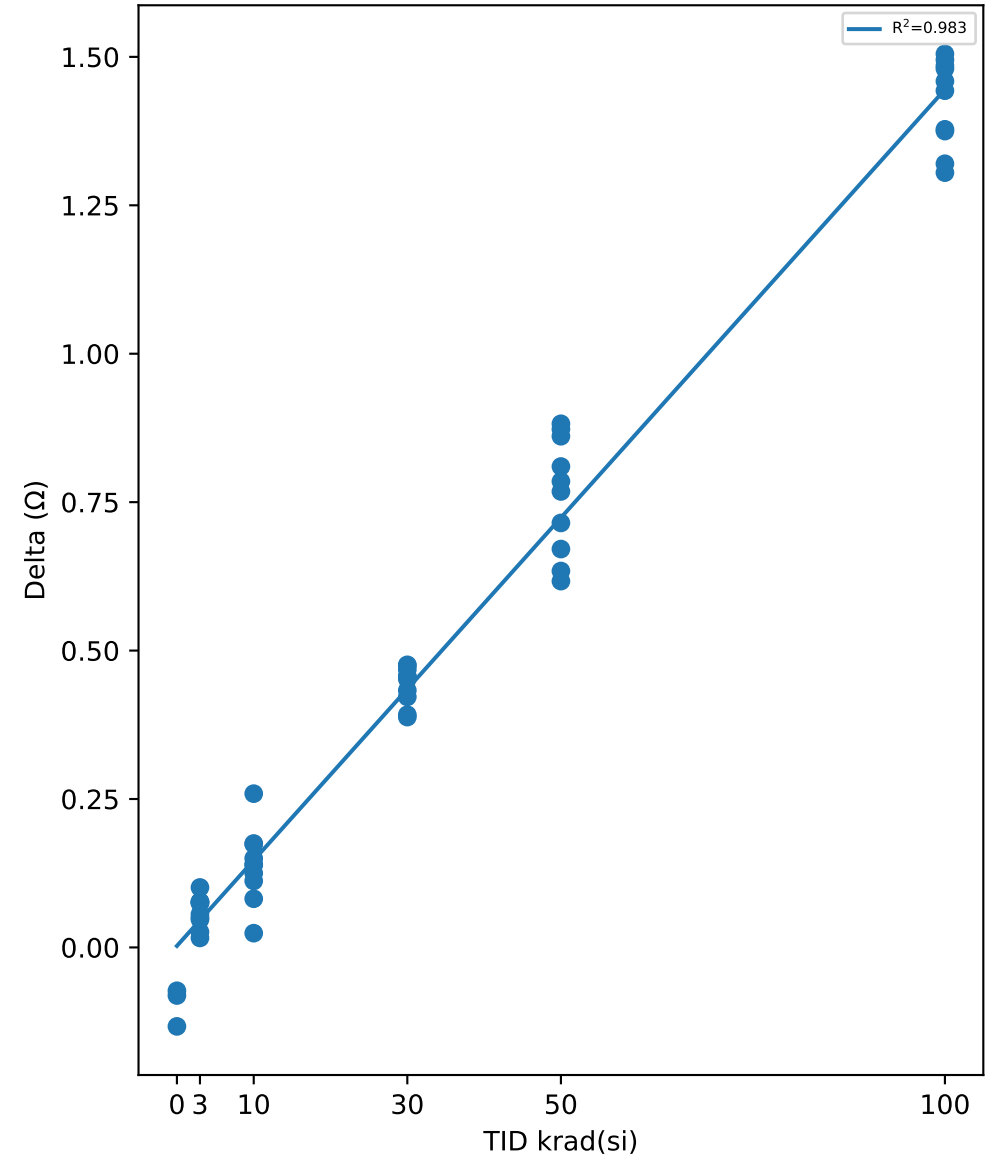
TID vs Result Stats



Test Results (Upper Limit = 40.0 (Ω))

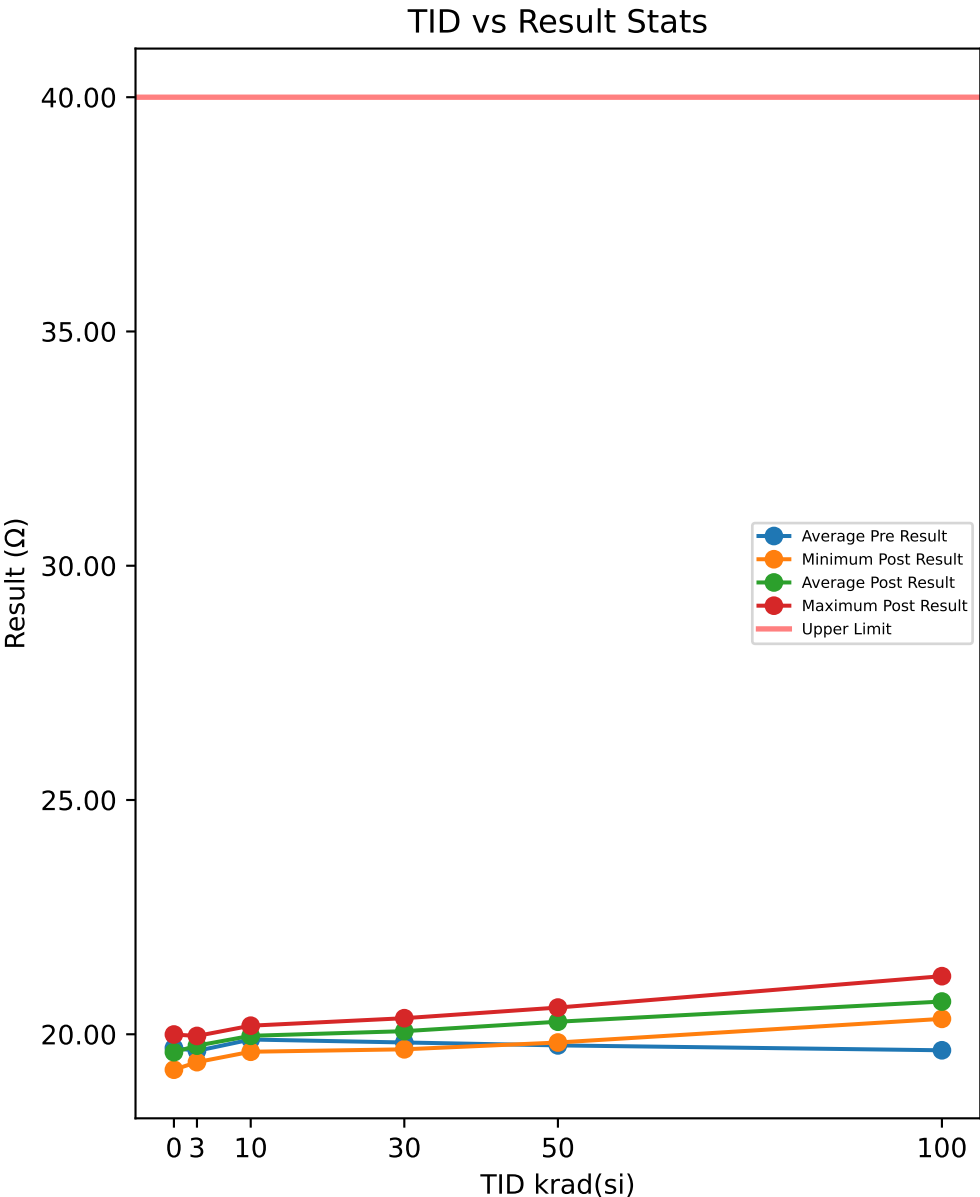
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.923	20.79	-0.133
301	0	Correlation	20.745	20.664	-0.081
302	0	Correlation	21.099	21.026	-0.073
303	3	Bias	21.068	21.124	0.056
304	3	Bias	21.041	21.116	0.075
305	3	Bias	20.807	20.882	0.075
306	3	Bias	20.854	20.931	0.077
307	3	Bias	21.1	21.201	0.101
308	3	Unbiased	20.918	20.995	0.077
309	3	Unbiased	21.023	21.07	0.047
310	3	Unbiased	21.056	21.106	0.05
311	3	Unbiased	20.765	20.791	0.026
312	3	Unbiased	20.792	20.808	0.016
313	10	Bias	20.917	21.056	0.139
314	10	Bias	20.985	21.125	0.14
315	10	Bias	21.219	21.393	0.174
316	10	Bias	20.872	21.022	0.15
317	10	Bias	21.118	21.293	0.175
318	10	Unbiased	21.056	21.168	0.112
319	10	Unbiased	21.115	21.197	0.082
320	10	Unbiased	21.199	21.223	0.024
321	10	Unbiased	21.091	21.35	0.259
322	10	Unbiased	21.201	21.326	0.125
323	30	Bias	21.025	21.493	0.468
324	30	Bias	20.881	21.303	0.422
325	30	Bias	21.214	21.69	0.476
326	30	Bias	20.846	21.302	0.456
327	30	Bias	21.043	21.518	0.475
328	30	Unbiased	20.984	21.376	0.392
329	30	Unbiased	21.009	21.397	0.388
330	30	Unbiased	20.819	21.252	0.433
331	30	Unbiased	21.054	21.511	0.457
332	30	Unbiased	21.179	21.631	0.452
333	50	Bias	20.767	21.438	0.671
334	50	Bias	21.23	21.864	0.634
335	50	Bias	21.146	21.914	0.768
336	50	Bias	21.003	21.788	0.785
337	50	Bias	21.325	22.04	0.715
338	50	Unbiased	20.837	21.454	0.617
339	50	Unbiased	20.807	21.617	0.81
340	50	Unbiased	20.978	21.851	0.873
341	50	Unbiased	20.76	21.642	0.882
342	50	Unbiased	20.922	21.783	0.861
343	100	Bias	20.804	22.179	1.375
344	100	Bias	20.866	22.244	1.378
345	100	Bias	20.798	22.303	1.505
346	100	Bias	21.197	22.692	1.495
347	100	Bias	20.935	22.378	1.443
348	100	Unbiased	21.001	22.321	1.32
349	100	Unbiased	20.811	22.116	1.305
350	100	Unbiased	20.922	22.402	1.48
351	100	Unbiased	21.093	22.578	1.485
352	100	Unbiased	20.57	22.029	1.459

TID vs Post - Pre Exposure Delta

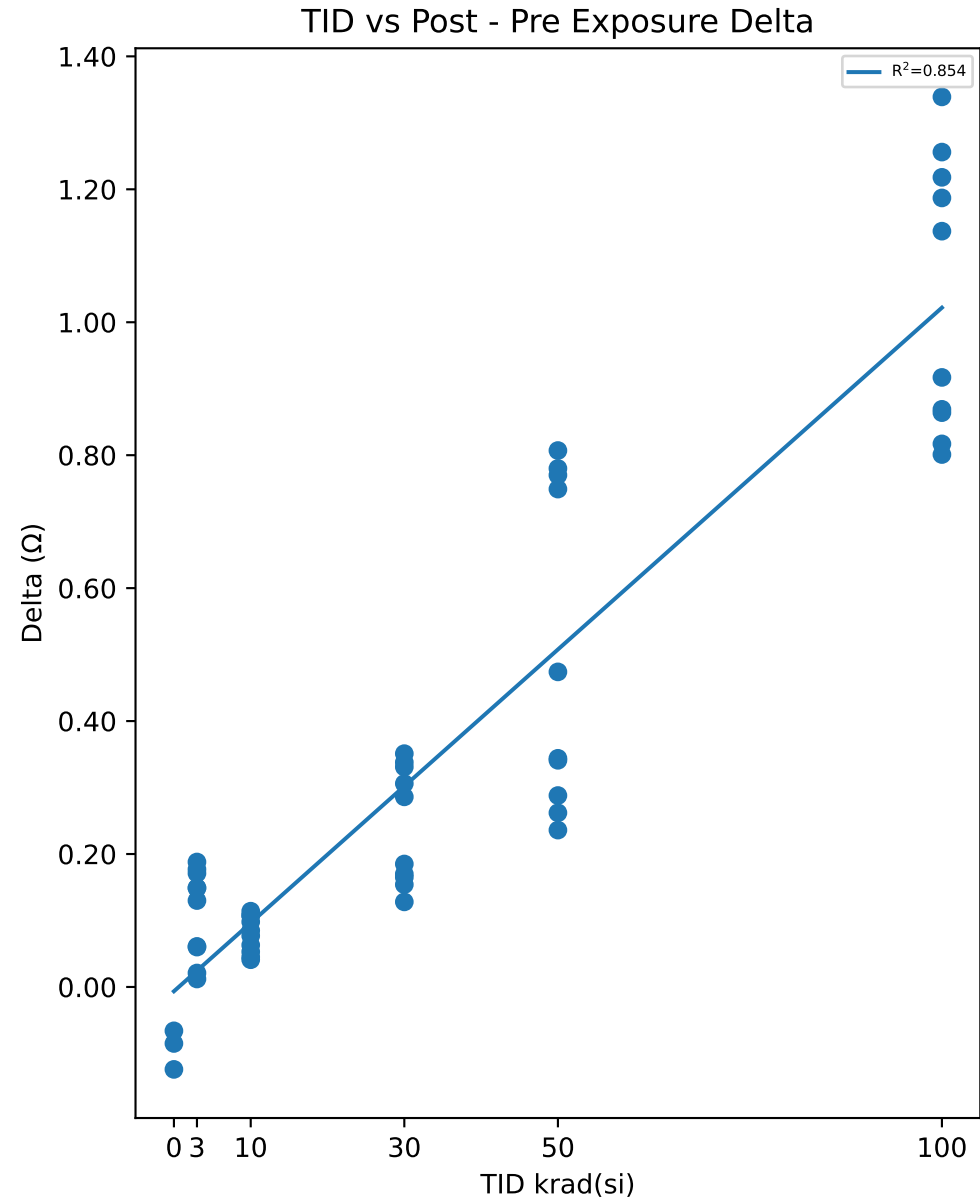


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.745	20.922	21.099	0.177	20.664	20.827	21.026	0.18376	-0.133	-0.095667	-0.073	0.032578
3	20.765	20.942	21.1	0.12934	20.791	21.002	21.201	0.1432	0.016	0.06	0.101	0.026004
10	20.872	21.077	21.219	0.12031	21.022	21.215	21.393	0.12541	0.024	0.138	0.259	0.061853
30	20.819	21.005	21.214	0.13077	21.252	21.447	21.69	0.14586	0.388	0.4419	0.476	0.032213
50	20.76	20.977	21.325	0.19918	21.438	21.739	22.04	0.19716	0.617	0.7616	0.882	0.098482
100	20.57	20.9	21.197	0.17479	22.029	22.324	22.692	0.20196	1.305	1.4245	1.505	0.074189

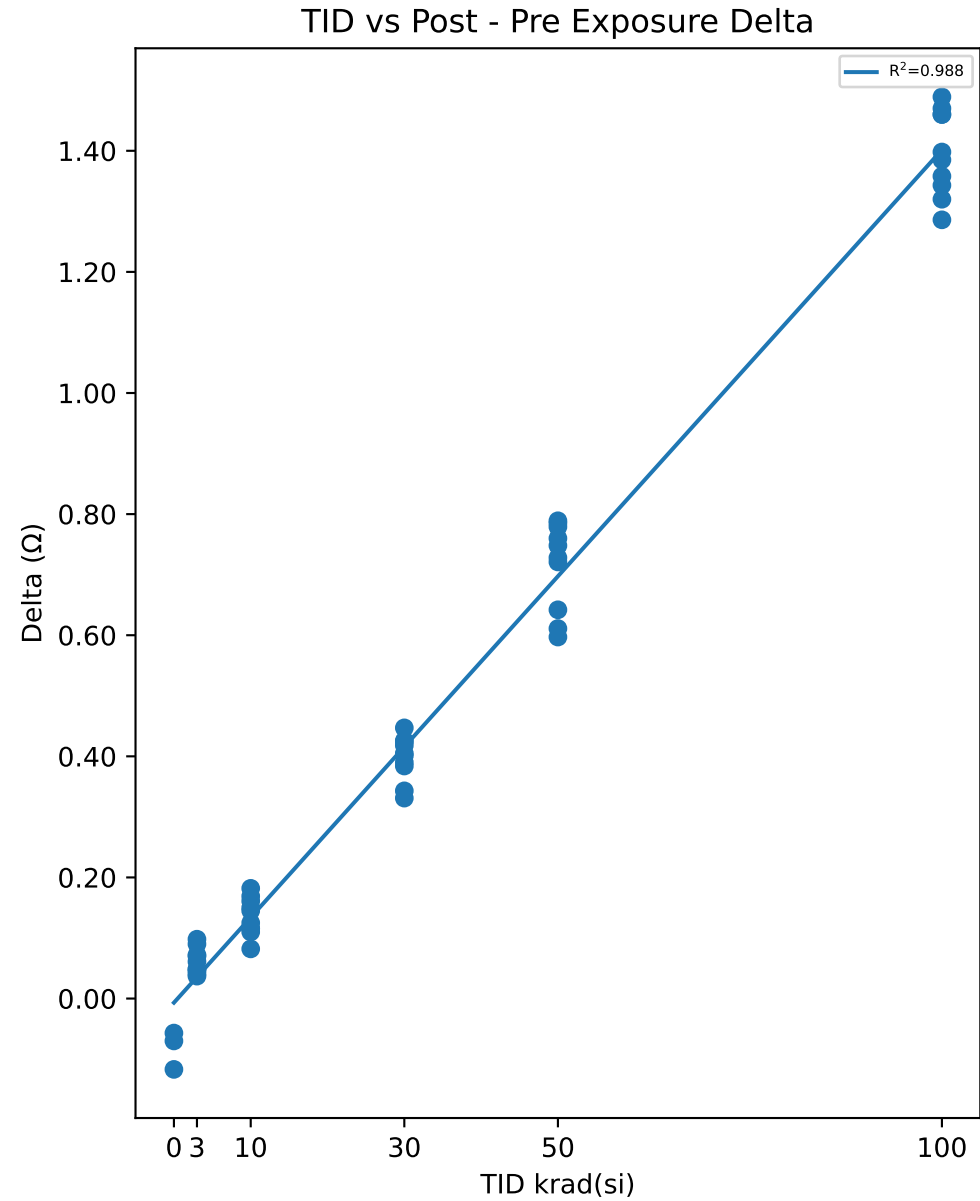
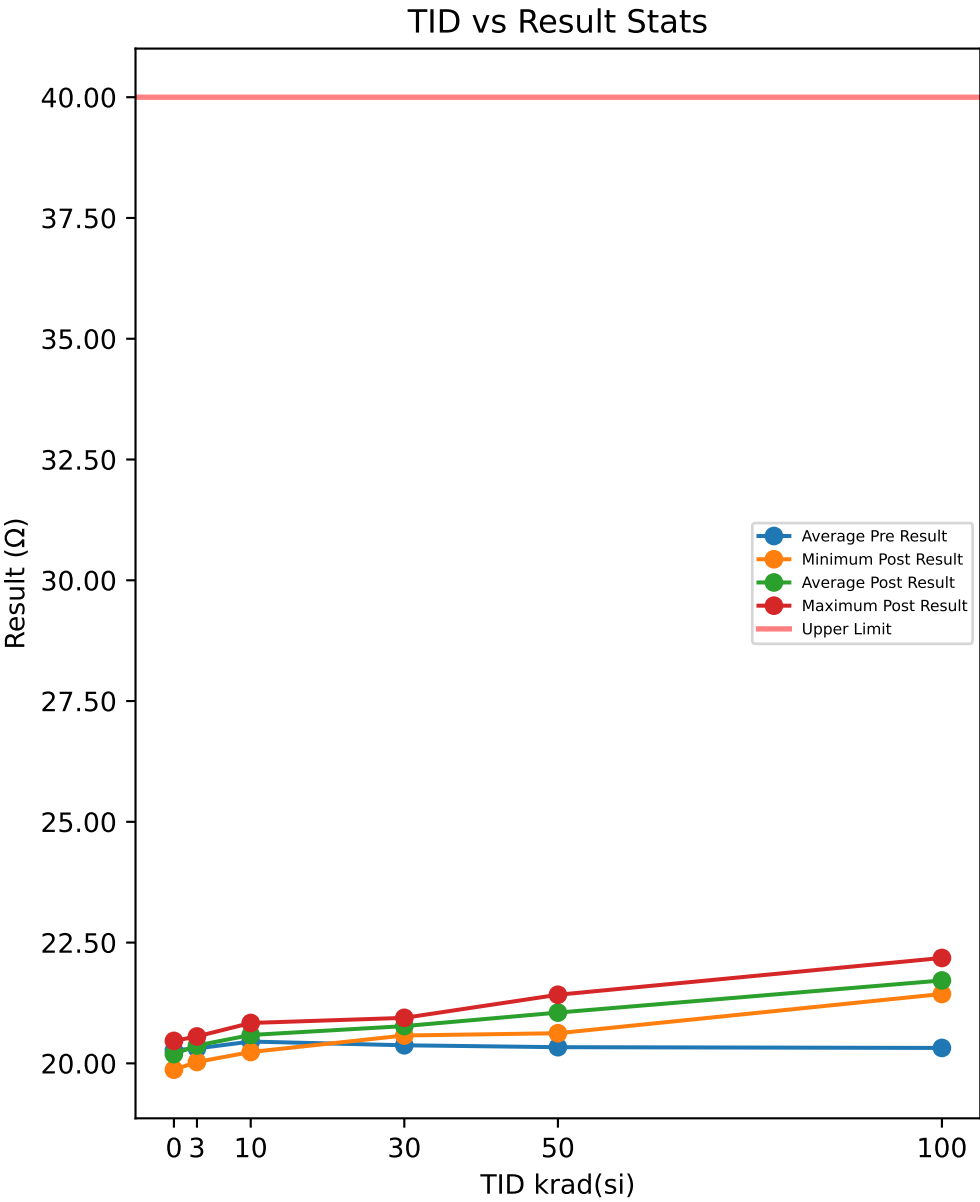


Test Results (Upper Limit = 40.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.736	19.612	-0.124
301	0	Correlation	19.329	19.244	-0.085
302	0	Correlation	20.061	19.995	-0.066
303	3	Bias	19.652	19.782	0.13
304	3	Bias	19.719	19.868	0.149
305	3	Bias	19.642	19.791	0.149
306	3	Bias	19.641	19.812	0.171
307	3	Bias	19.776	19.964	0.188
308	3	Unbiased	19.595	19.772	0.177
309	3	Unbiased	19.763	19.823	0.06
310	3	Unbiased	19.859	19.92	0.061
311	3	Unbiased	19.384	19.405	0.021
312	3	Unbiased	19.423	19.435	0.012
313	10	Bias	19.814	19.859	0.045
314	10	Bias	19.897	19.938	0.041
315	10	Bias	20.093	20.146	0.053
316	10	Bias	19.529	19.627	0.098
317	10	Bias	20.12	20.183	0.063
318	10	Unbiased	19.903	20.017	0.114
319	10	Unbiased	19.841	19.918	0.077
320	10	Unbiased	19.98	20.087	0.107
321	10	Unbiased	19.984	20.092	0.108
322	10	Unbiased	19.719	19.804	0.085
323	30	Bias	19.941	20.095	0.154
324	30	Bias	19.75	19.915	0.165
325	30	Bias	20.051	20.221	0.17
326	30	Bias	19.551	19.679	0.128
327	30	Bias	19.779	19.964	0.185
328	30	Unbiased	19.798	20.084	0.286
329	30	Unbiased	19.815	20.121	0.306
330	30	Unbiased	19.669	20	0.331
331	30	Unbiased	19.902	20.24	0.338
332	30	Unbiased	19.992	20.343	0.351
333	50	Bias	19.588	19.824	0.236
334	50	Bias	20.108	20.37	0.262
335	50	Bias	19.897	20.238	0.341
336	50	Bias	19.836	20.18	0.344
337	50	Bias	20.218	20.506	0.288
338	50	Unbiased	19.615	20.089	0.474
339	50	Unbiased	19.623	20.372	0.749
340	50	Unbiased	19.763	20.57	0.807
341	50	Unbiased	19.434	20.204	0.77
342	50	Unbiased	19.545	20.325	0.78
343	100	Bias	19.589	20.39	0.801
344	100	Bias	19.73	20.547	0.817
345	100	Bias	19.465	20.329	0.864
346	100	Bias	19.899	20.816	0.917
347	100	Bias	19.765	20.634	0.869
348	100	Unbiased	19.632	20.819	1.187
349	100	Unbiased	19.578	20.715	1.137
350	100	Unbiased	19.599	20.855	1.256
351	100	Unbiased	19.901	21.24	1.339
352	100	Unbiased	19.425	20.643	1.218



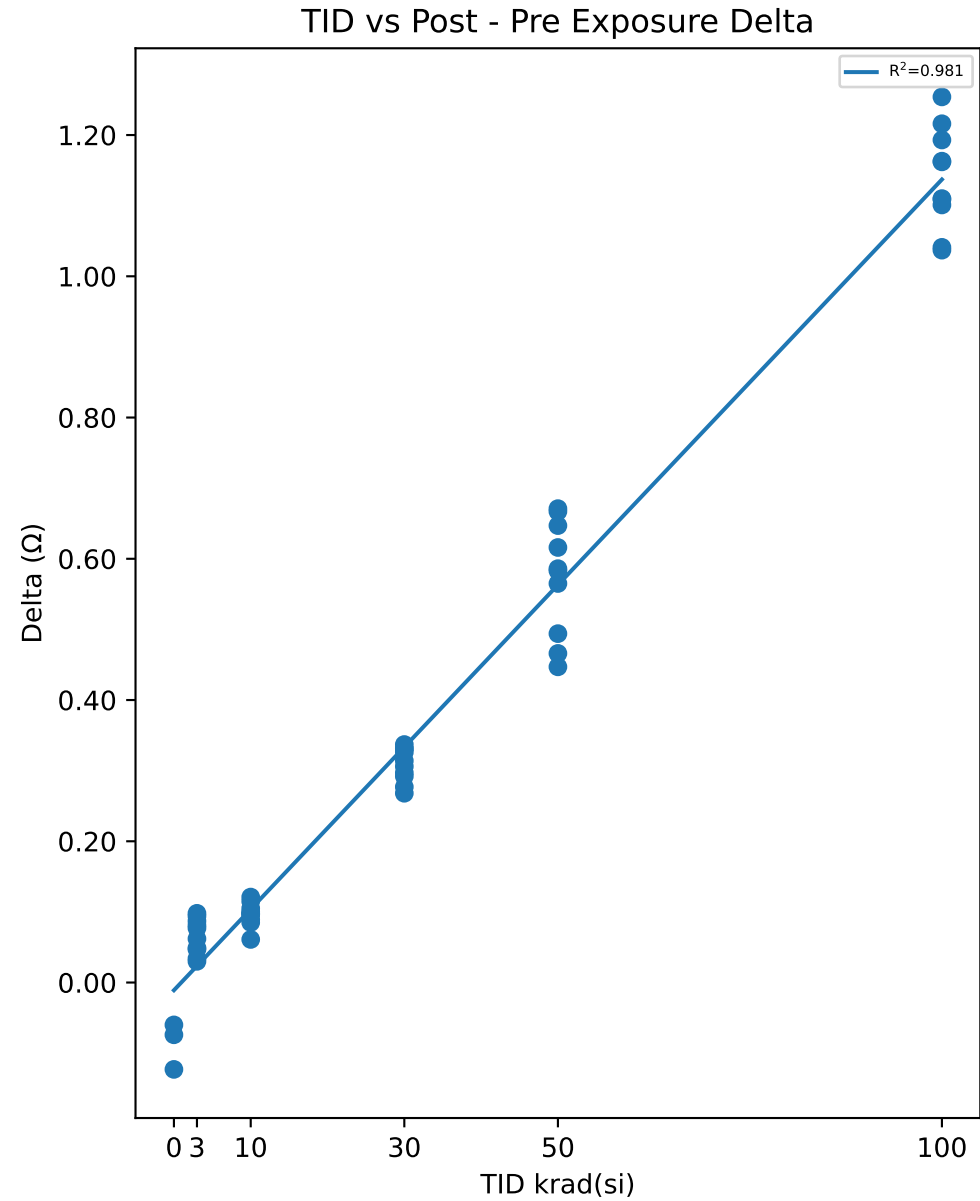
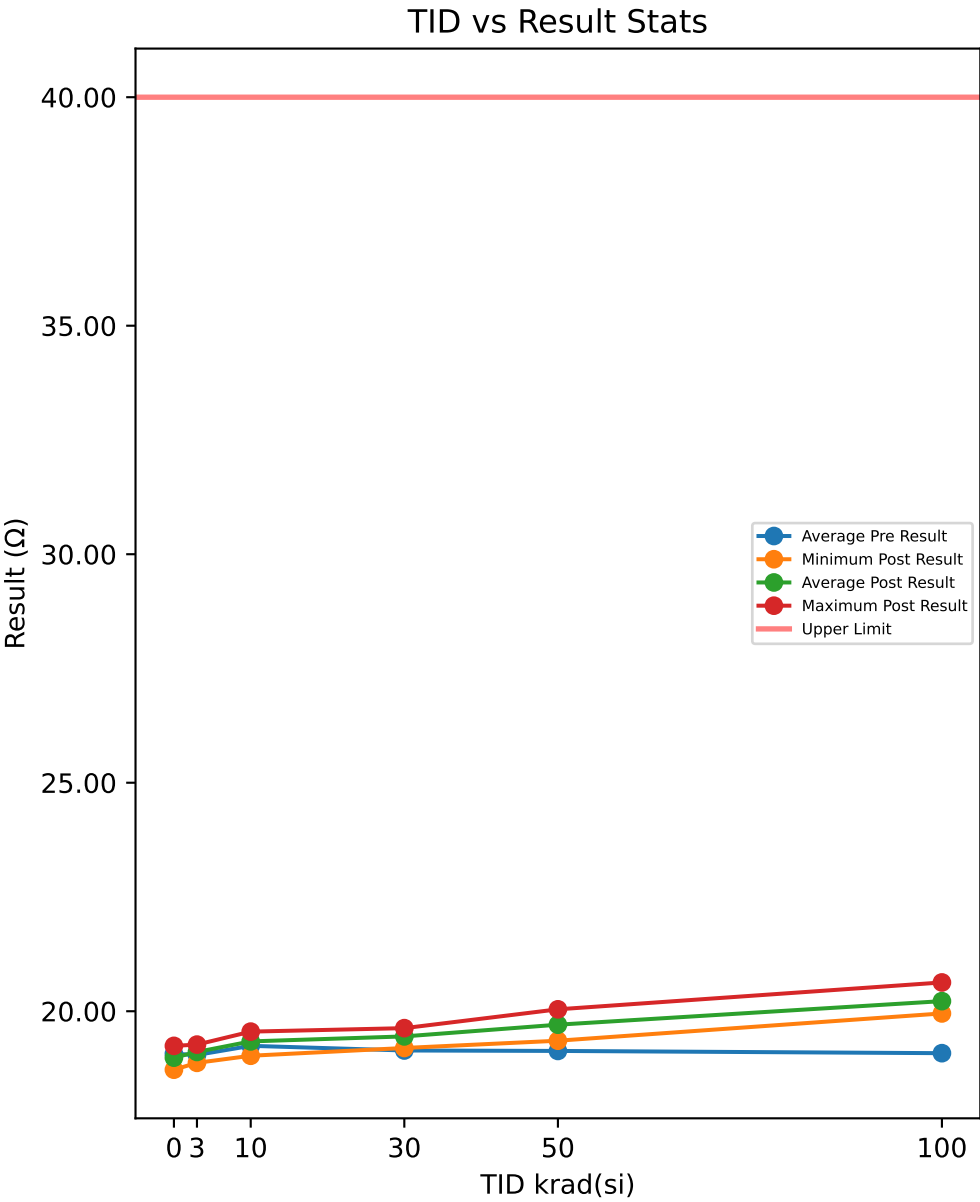
Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.329	19.709	20.061	0.36676	19.244	19.617	19.995	0.37552	-0.124	-0.091667	-0.066	0.029569
3	19.384	19.645	19.859	0.14994	19.405	19.757	19.964	0.18818	0.012	0.1118	0.188	0.066775
10	19.529	19.888	20.12	0.17606	19.627	19.967	20.183	0.17266	0.041	0.0791	0.114	0.027453
30	19.551	19.825	20.051	0.15141	19.679	20.066	20.343	0.18931	0.128	0.2414	0.351	0.088285
50	19.434	19.763	20.218	0.25325	19.824	20.268	20.57	0.21454	0.236	0.5051	0.807	0.24241
100	19.425	19.658	19.901	0.16351	20.329	20.699	21.24	0.25996	0.801	1.0405	1.339	0.20574



Test Results (Upper Limit = 40.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	20.356	20.239	-0.117
301	0	Correlation	19.939	19.869	-0.07
302	0	Correlation	20.522	20.465	-0.057
303	3	Bias	20.443	20.483	0.04
304	3	Bias	20.453	20.498	0.045
305	3	Bias	20.257	20.355	0.098
306	3	Bias	20.33	20.402	0.072
307	3	Bias	20.509	20.557	0.048
308	3	Unbiased	20.301	20.391	0.09
309	3	Unbiased	20.373	20.434	0.061
310	3	Unbiased	20.445	20.515	0.07
311	3	Unbiased	19.98	20.029	0.049
312	3	Unbiased	20	20.037	0.037
313	10	Bias	20.345	20.495	0.15
314	10	Bias	20.455	20.58	0.125
315	10	Bias	20.675	20.836	0.161
316	10	Bias	20.053	20.235	0.182
317	10	Bias	20.601	20.746	0.145
318	10	Unbiased	20.381	20.496	0.115
319	10	Unbiased	20.556	20.666	0.11
320	10	Unbiased	20.513	20.595	0.082
321	10	Unbiased	20.474	20.643	0.169
322	10	Unbiased	20.463	20.579	0.116
323	30	Bias	20.447	20.831	0.384
324	30	Bias	20.288	20.693	0.405
325	30	Bias	20.495	20.942	0.447
326	30	Bias	20.153	20.577	0.424
327	30	Bias	20.508	20.926	0.418
328	30	Unbiased	20.346	20.689	0.343
329	30	Unbiased	20.428	20.759	0.331
330	30	Unbiased	20.171	20.597	0.426
331	30	Unbiased	20.405	20.806	0.401
332	30	Unbiased	20.502	20.892	0.39
333	50	Bias	20.013	20.624	0.611
334	50	Bias	20.506	21.148	0.642
335	50	Bias	20.508	21.268	0.76
336	50	Bias	20.404	21.152	0.748
337	50	Bias	20.692	21.42	0.728
338	50	Unbiased	20.069	20.666	0.597
339	50	Unbiased	20.371	21.092	0.721
340	50	Unbiased	20.346	21.135	0.789
341	50	Unbiased	20.166	20.951	0.785
342	50	Unbiased	20.275	21.054	0.779
343	100	Bias	20.199	21.542	1.343
344	100	Bias	20.313	21.671	1.358
345	100	Bias	20.159	21.629	1.47
346	100	Bias	20.722	22.182	1.46
347	100	Bias	20.482	21.88	1.398
348	100	Unbiased	20.248	21.568	1.32
349	100	Unbiased	20.241	21.527	1.286
350	100	Unbiased	20.298	21.758	1.46
351	100	Unbiased	20.481	21.97	1.489
352	100	Unbiased	20.051	21.436	1.385

Test Statistics (Ω)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.939	20.272	20.522	0.30037	19.869	20.191	20.465	0.30089	-0.117	-0.081333	-0.057	0.031565
3	19.98	20.309	20.509	0.18506	20.029	20.37	20.557	0.188	0.037	0.061	0.098	0.021077
10	20.053	20.452	20.675	0.17087	20.235	20.587	20.836	0.16244	0.082	0.1355	0.182	0.031017
30	20.153	20.374	20.508	0.13183	20.577	20.771	20.942	0.13064	0.331	0.3969	0.447	0.036638
50	20.013	20.335	20.692	0.21066	20.624	21.051	21.42	0.24769	0.597	0.716	0.789	0.072915
100	20.051	20.319	20.722	0.19398	21.436	21.716	22.182	0.23243	1.286	1.3969	1.489	0.070366

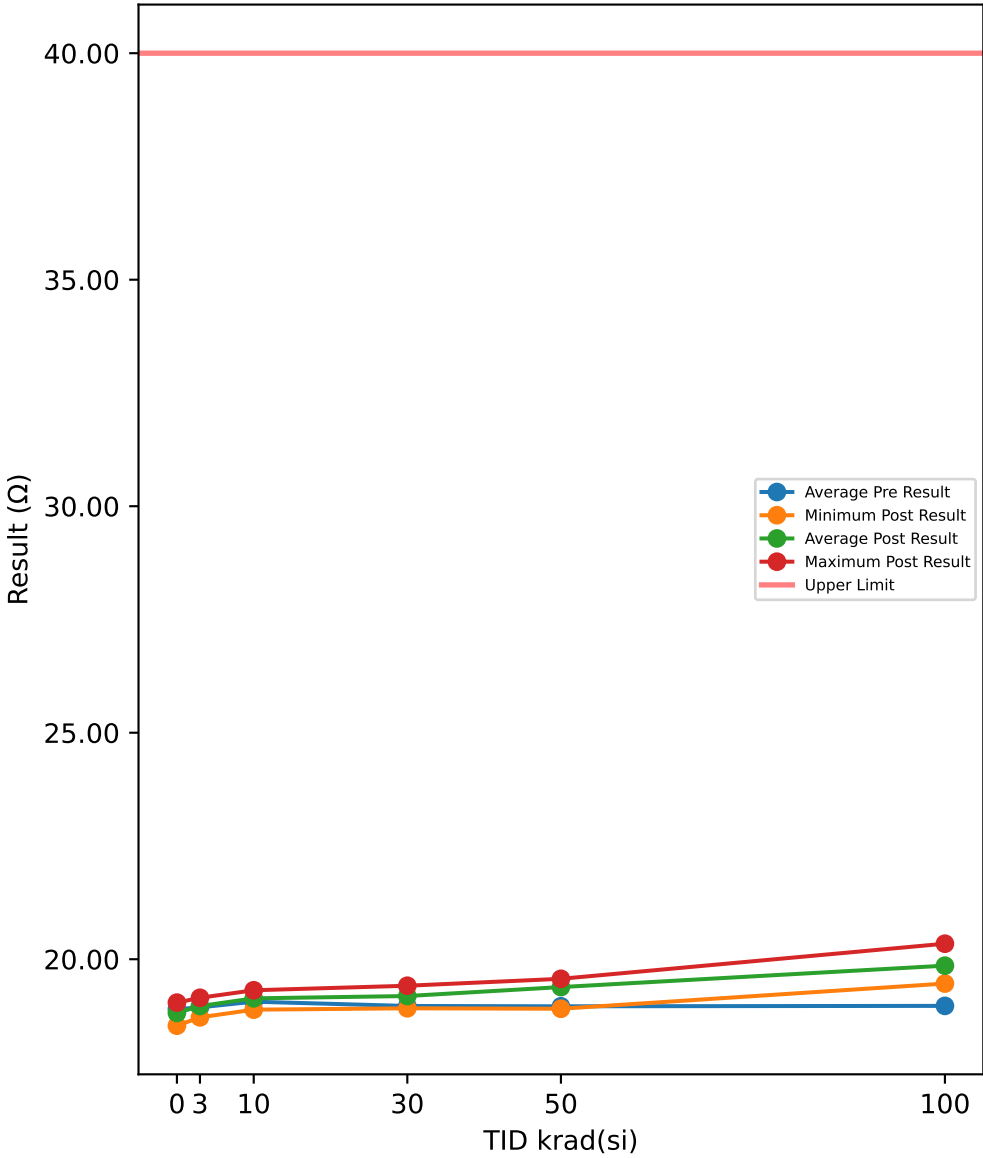


Test Results (Upper Limit = 40.0 (Ω))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	19.112	18.989	-0.123
301	0	Correlation	18.795	18.721	-0.074
302	0	Correlation	19.302	19.242	-0.06
303	3	Bias	19.049	19.096	0.047
304	3	Bias	19.118	19.195	0.077
305	3	Bias	18.949	19.043	0.094
306	3	Bias	19.113	19.194	0.081
307	3	Bias	19.134	19.221	0.087
308	3	Unbiased	19.041	19.139	0.098
309	3	Unbiased	19.133	19.182	0.049
310	3	Unbiased	19.208	19.27	0.062
311	3	Unbiased	18.848	18.882	0.034
312	3	Unbiased	18.841	18.871	0.03
313	10	Bias	19.121	19.218	0.097
314	10	Bias	19.161	19.266	0.105
315	10	Bias	19.433	19.554	0.121
316	10	Bias	18.911	19.026	0.115
317	10	Bias	19.404	19.502	0.098
318	10	Unbiased	19.087	19.172	0.085
319	10	Unbiased	19.352	19.413	0.061
320	10	Unbiased	19.363	19.452	0.089
321	10	Unbiased	19.354	19.454	0.1
322	10	Unbiased	19.247	19.343	0.096
323	30	Bias	19.103	19.417	0.314
324	30	Bias	19.163	19.469	0.306
325	30	Bias	19.299	19.63	0.331
326	30	Bias	18.942	19.234	0.292
327	30	Bias	19.259	19.585	0.326
328	30	Unbiased	19.122	19.399	0.277
329	30	Unbiased	19.184	19.452	0.268
330	30	Unbiased	18.899	19.196	0.297
331	30	Unbiased	19.208	19.539	0.331
332	30	Unbiased	19.234	19.571	0.337
333	50	Bias	18.889	19.355	0.466
334	50	Bias	19.369	19.863	0.494
335	50	Bias	19.298	19.881	0.583
336	50	Bias	19.132	19.718	0.586
337	50	Bias	19.477	20.042	0.565
338	50	Unbiased	18.947	19.394	0.447
339	50	Unbiased	19.068	19.684	0.616
340	50	Unbiased	19.097	19.764	0.667
341	50	Unbiased	18.949	19.62	0.671
342	50	Unbiased	19.089	19.736	0.647
343	100	Bias	18.948	20.057	1.109
344	100	Bias	19.075	20.176	1.101
345	100	Bias	18.923	20.116	1.193
346	100	Bias	19.376	20.63	1.254
347	100	Bias	19.159	20.321	1.162
348	100	Unbiased	19.032	20.073	1.041
349	100	Unbiased	19.085	20.122	1.037
350	100	Unbiased	19.087	20.25	1.163
351	100	Unbiased	19.297	20.513	1.216
352	100	Unbiased	18.842	19.952	1.11

Test Statistics (Ω)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.795	19.07	19.302	0.25614	18.721	18.984	19.242	0.26054	-0.123	-0.085667	-0.06	0.033081
3	18.841	19.043	19.208	0.12554	18.871	19.109	19.27	0.13825	0.03	0.0659	0.098	0.024902
10	18.911	19.243	19.433	0.16892	19.026	19.34	19.554	0.1667	0.061	0.0967	0.121	0.016594
30	18.899	19.141	19.299	0.13095	19.196	19.449	19.63	0.14469	0.268	0.3079	0.337	0.024039
50	18.889	19.131	19.477	0.19341	19.355	19.706	20.042	0.21108	0.447	0.5742	0.671	0.081411
100	18.842	19.082	19.376	0.16398	19.952	20.221	20.63	0.21276	1.037	1.1386	1.254	0.071776

Device Test: 18.9 ; RESET_RPMOS_LOW_V

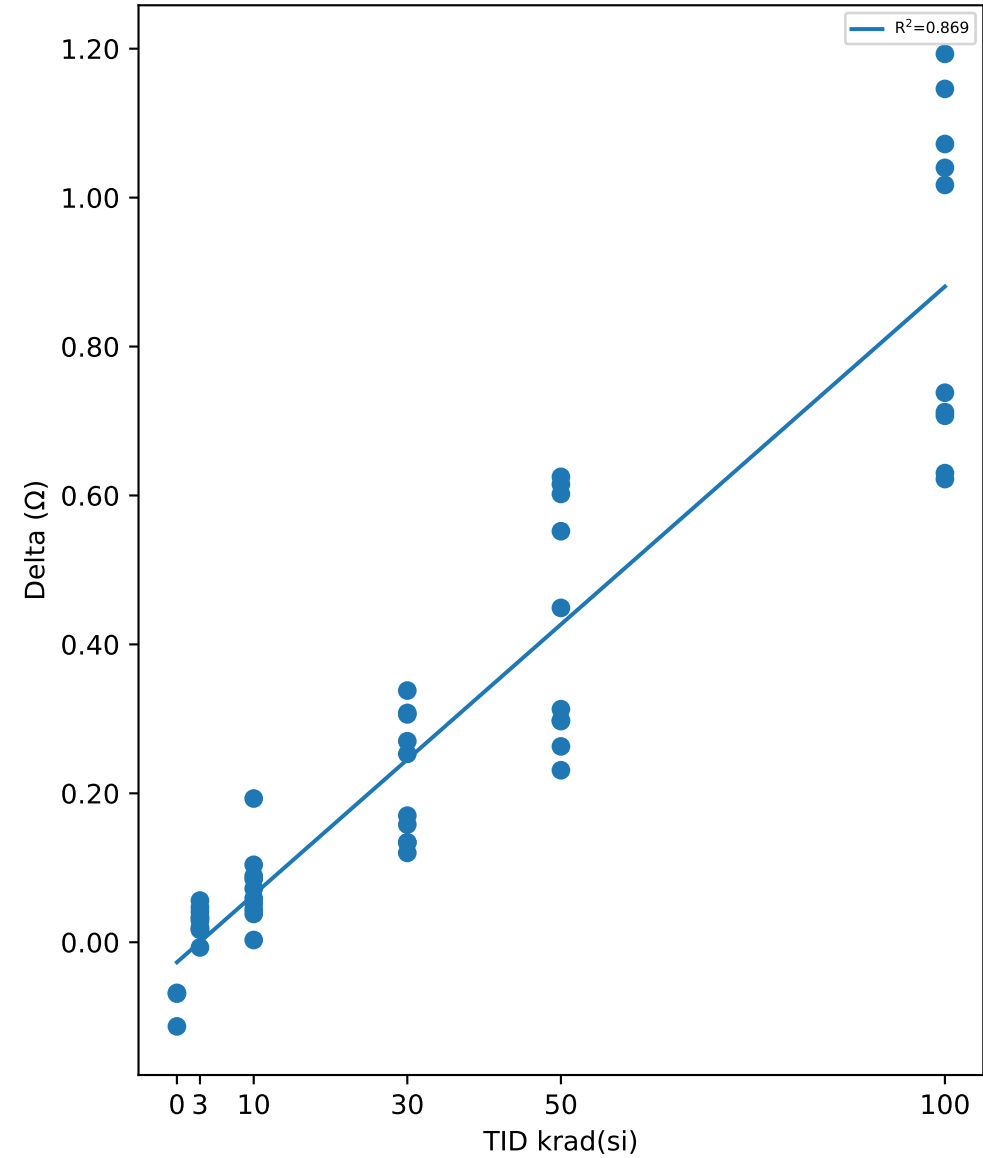
TID vs Result Stats



Test Results (Upper Limit = 40.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	18.98	18.867	-0.113
301	0	Correlation	18.602	18.533	-0.069
302	0	Correlation	19.11	19.042	-0.068
303	3	Bias	19.016	19.009	-0.007
304	3	Bias	19.005	19.022	0.017
305	3	Bias	18.864	18.884	0.02
306	3	Bias	18.988	19.005	0.017
307	3	Bias	19.108	19.149	0.041
308	3	Unbiased	18.998	19.03	0.032
309	3	Unbiased	18.958	19.005	0.047
310	3	Unbiased	19.071	19.127	0.056
311	3	Unbiased	18.683	18.717	0.034
312	3	Unbiased	18.689	18.718	0.029
313	10	Bias	18.891	18.95	0.059
314	10	Bias	18.998	19.036	0.038
315	10	Bias	19.245	19.289	0.044
316	10	Bias	18.783	18.887	0.104
317	10	Bias	19.218	19.27	0.052
318	10	Unbiased	18.905	18.994	0.089
319	10	Unbiased	19.165	19.237	0.072
320	10	Unbiased	19.217	19.22	0.003
321	10	Unbiased	19.122	19.315	0.193
322	10	Unbiased	19.083	19.168	0.085
323	30	Bias	18.977	19.111	0.134
324	30	Bias	18.922	19.056	0.134
325	30	Bias	19.12	19.29	0.17
326	30	Bias	18.797	18.917	0.12
327	30	Bias	19.064	19.222	0.158
328	30	Unbiased	18.941	19.211	0.27
329	30	Unbiased	19.02	19.273	0.253
330	30	Unbiased	18.715	19.021	0.306
331	30	Unbiased	19.053	19.361	0.308
332	30	Unbiased	19.077	19.415	0.338
333	50	Bias	18.676	18.907	0.231
334	50	Bias	19.201	19.464	0.263
335	50	Bias	19.08	19.393	0.313
336	50	Bias	18.943	19.241	0.298
337	50	Bias	19.239	19.536	0.297
338	50	Unbiased	18.759	19.208	0.449
339	50	Unbiased	18.964	19.516	0.552
340	50	Unbiased	18.943	19.568	0.625
341	50	Unbiased	18.864	19.479	0.615
342	50	Unbiased	18.941	19.543	0.602
343	100	Bias	18.833	19.463	0.63
344	100	Bias	18.972	19.594	0.622
345	100	Bias	18.788	19.5	0.712
346	100	Bias	19.282	20.02	0.738
347	100	Bias	19.042	19.749	0.707
348	100	Unbiased	18.919	19.959	1.04
349	100	Unbiased	18.997	20.014	1.017
350	100	Unbiased	18.987	20.133	1.146
351	100	Unbiased	19.15	20.343	1.193
352	100	Unbiased	18.734	19.806	1.072

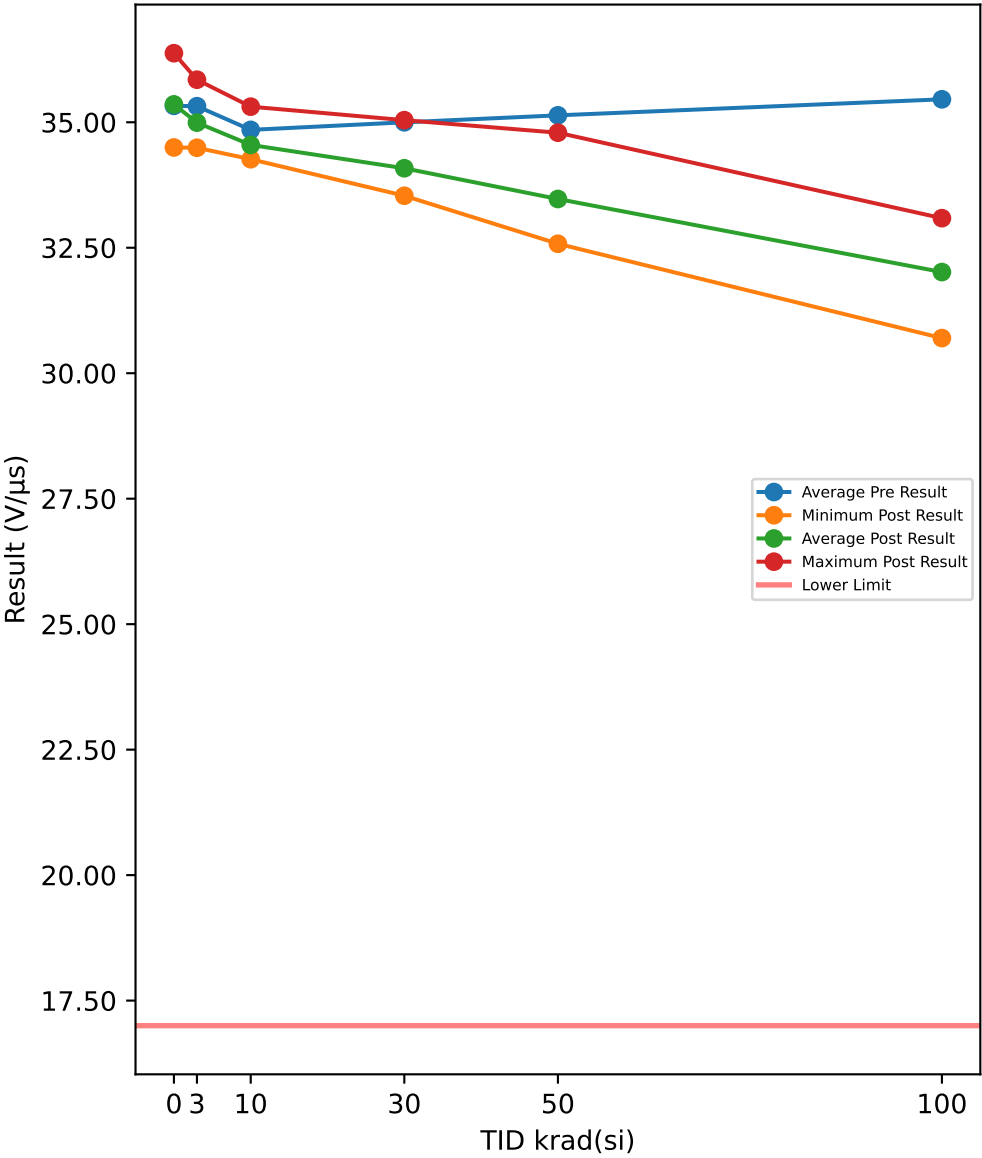
TID vs Post - Pre Exposure Delta



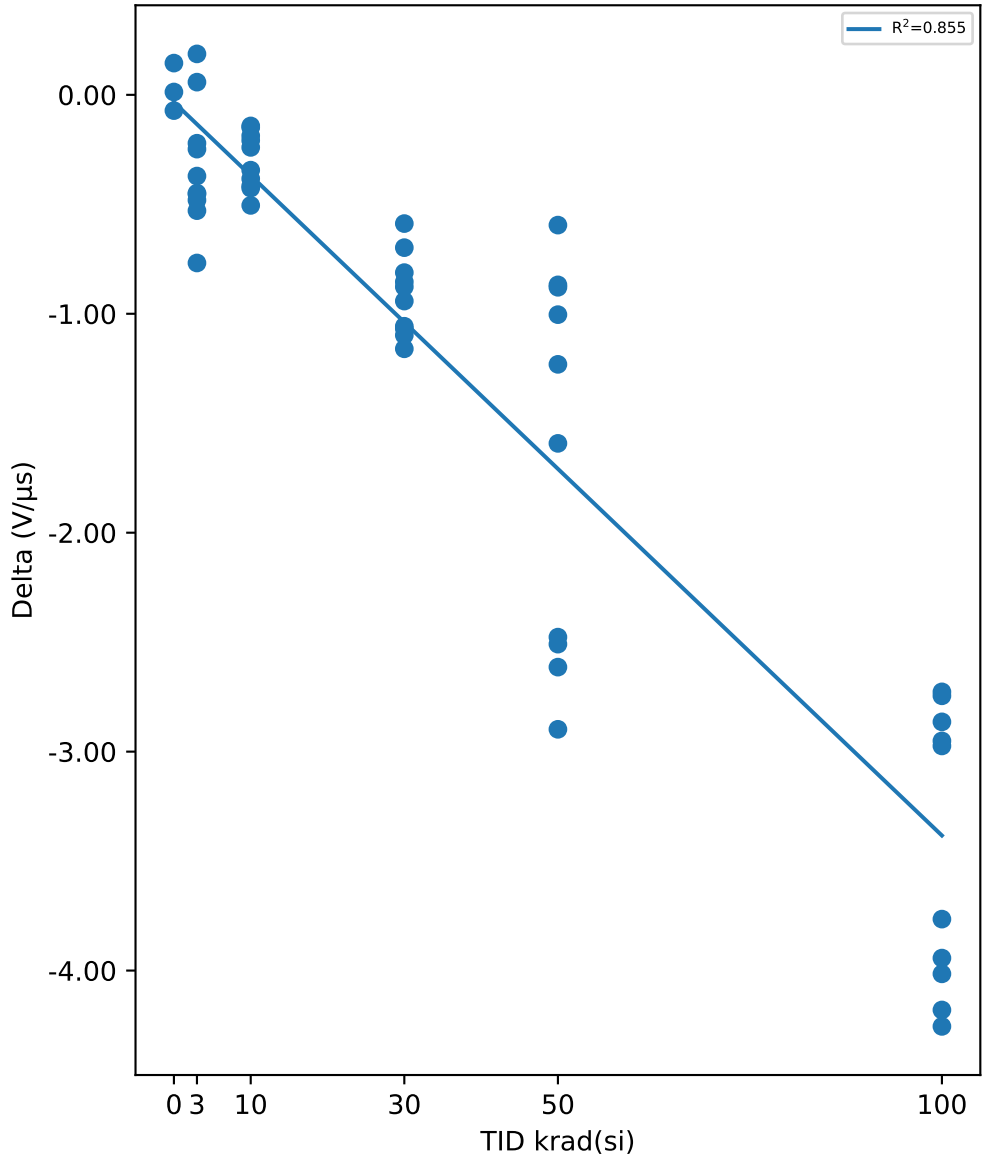
Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.602	18.897	19.11	0.2639	18.533	18.814	19.042	0.25861	-0.113	-0.083333	-0.068	0.025697
3	18.683	18.938	19.108	0.14763	18.717	18.967	19.149	0.14973	-0.007	0.0286	0.056	0.017933
10	18.783	19.063	19.245	0.16067	18.887	19.137	19.315	0.15579	0.003	0.0739	0.193	0.050943
30	18.715	18.969	19.12	0.12923	18.917	19.188	19.415	0.15827	0.12	0.2191	0.338	0.084183
50	18.676	18.961	19.239	0.17687	18.907	19.386	19.568	0.20926	0.231	0.4245	0.625	0.16092
100	18.734	18.97	19.282	0.16537	19.463	19.858	20.343	0.28676	0.622	0.8877	1.193	0.22528

TID vs Result Stats



TID vs Post - Pre Exposure Delta



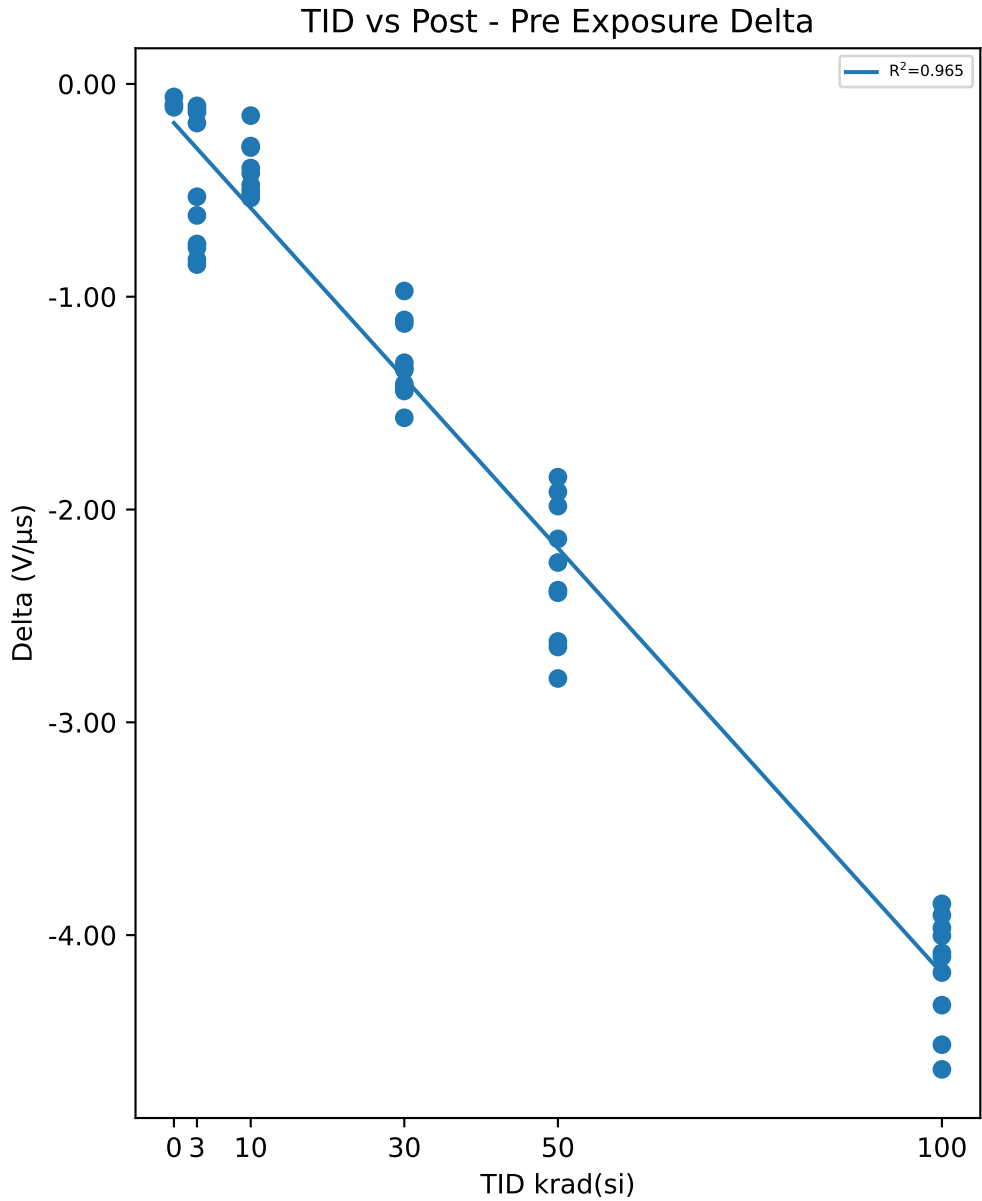
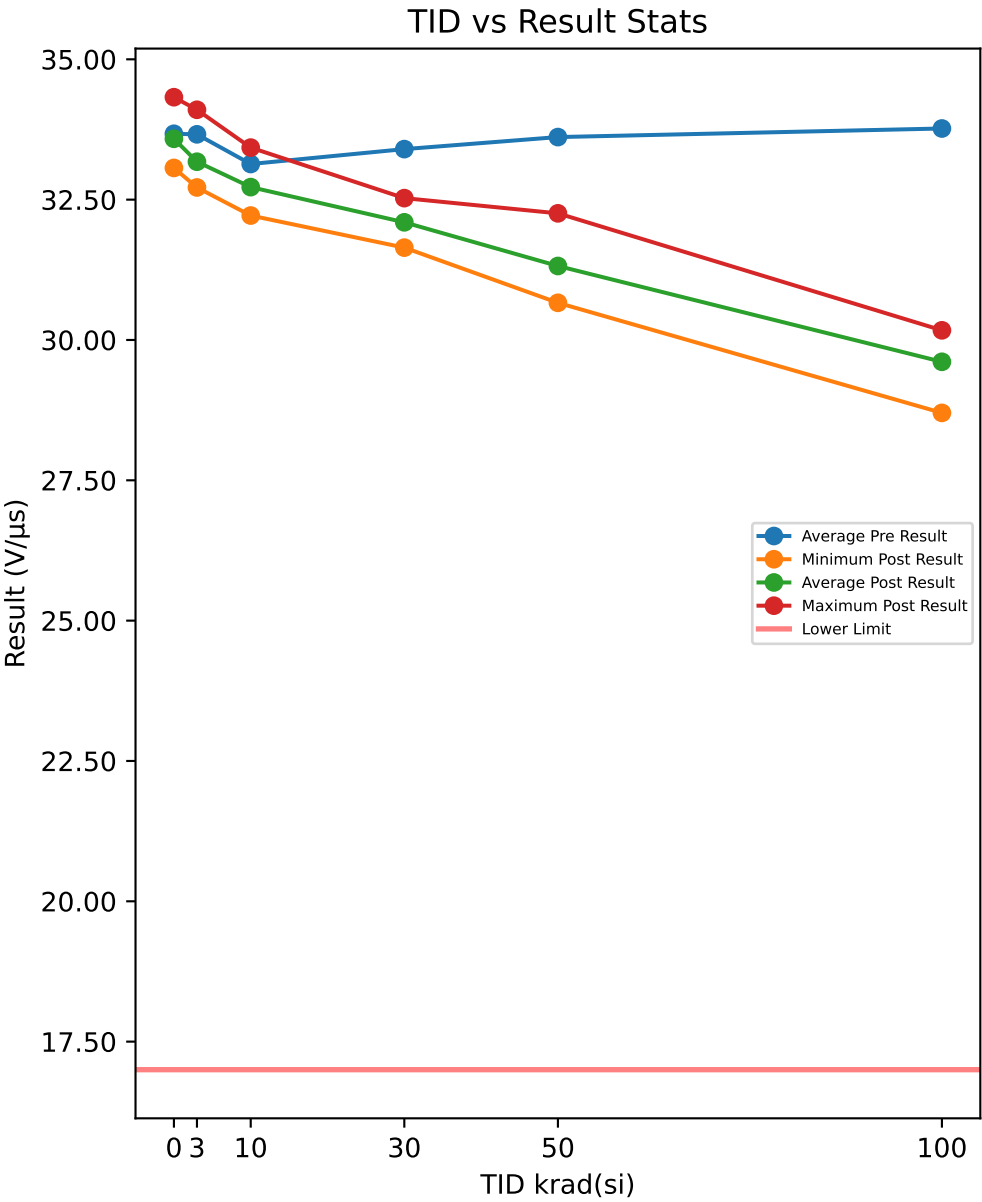
Test Results (Lower Limit = 17.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	35.181	35.194	0.013
301	0	Correlation	36.231	36.376	0.145
302	0	Correlation	34.57	34.498	-0.072
303	3	Bias	35.397	34.916	-0.481
304	3	Bias	35.023	34.802	-0.221
305	3	Bias	35.132	34.683	-0.449
306	3	Bias	35.458	35.087	-0.371
307	3	Bias	34.945	34.492	-0.453
308	3	Unbiased	35.484	34.716	-0.768
309	3	Unbiased	34.893	35.08	0.187
310	3	Unbiased	34.639	34.697	0.058
311	3	Unbiased	36.096	35.848	-0.248
312	3	Unbiased	36.135	35.606	-0.529
313	10	Bias	34.829	34.589	-0.24
314	10	Bias	34.862	34.675	-0.187
315	10	Bias	34.608	34.264	-0.344
316	10	Bias	35.816	35.311	-0.505
317	10	Bias	34.469	34.327	-0.142
318	10	Unbiased	34.778	34.352	-0.426
319	10	Unbiased	34.507	34.299	-0.208
320	10	Unbiased	34.792	34.376	-0.416
321	10	Unbiased	34.466	34.317	-0.149
322	10	Unbiased	35.357	34.974	-0.383
323	30	Bias	34.741	34.153	-0.588
324	30	Bias	35.355	34.478	-0.877
325	30	Bias	34.508	33.654	-0.854
326	30	Bias	35.74	35.042	-0.698
327	30	Bias	34.918	34.106	-0.812
328	30	Unbiased	34.903	33.961	-0.942
329	30	Unbiased	34.988	33.92	-1.068
330	30	Unbiased	35.415	34.358	-1.057
331	30	Unbiased	34.788	33.628	-1.16
332	30	Unbiased	34.634	33.536	-1.098
333	50	Bias	35.387	34.792	-0.595
334	50	Bias	34.415	33.536	-0.879
335	50	Bias	34.627	33.759	-0.868
336	50	Bias	34.801	33.797	-1.004
337	50	Bias	34.3	33.069	-1.231
338	50	Unbiased	35.229	33.637	-1.592
339	50	Unbiased	35.73	33.116	-2.614
340	50	Unbiased	35.056	32.579	-2.477
341	50	Unbiased	36.017	33.119	-2.898
342	50	Unbiased	35.817	33.308	-2.509
343	100	Bias	35.676	32.931	-2.745
344	100	Bias	35.386	32.435	-2.951
345	100	Bias	35.953	33.089	-2.864
346	100	Bias	34.725	31.998	-2.727
347	100	Bias	35.174	32.2	-2.974
348	100	Unbiased	35.582	31.639	-3.943
349	100	Unbiased	35.407	31.642	-3.765
350	100	Unbiased	35.782	31.602	-4.18
351	100	Unbiased	34.955	30.7	-4.255
352	100	Unbiased	35.933	31.918	-4.015

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	34.57	35.327	36.231	0.84011	34.498	35.356	36.376	0.94942	-0.072	0.028667	0.145	0.10935
3	34.639	35.32	36.135	0.49761	34.492	34.993	35.848	0.43167	-0.768	-0.3275	0.187	0.28316
10	34.466	34.848	35.816	0.43052	34.264	34.548	35.311	0.3487	-0.505	-0.3	-0.142	0.13029
30	34.508	34.999	35.74	0.38732	33.536	34.084	35.042	0.45807	-1.16	-0.9154	-0.588	0.18487
50	34.3	35.138	36.017	0.60192	32.579	33.471	34.792	0.59627	-2.898	-1.6667	-0.595	0.87057
100	34.725	35.457	35.953	0.41059	30.7	32.015	33.089	0.69866	-4.255	-3.4419	-2.727	0.63949

Device Test: 19.1 ; RESET_SLEW_RATE_RISE

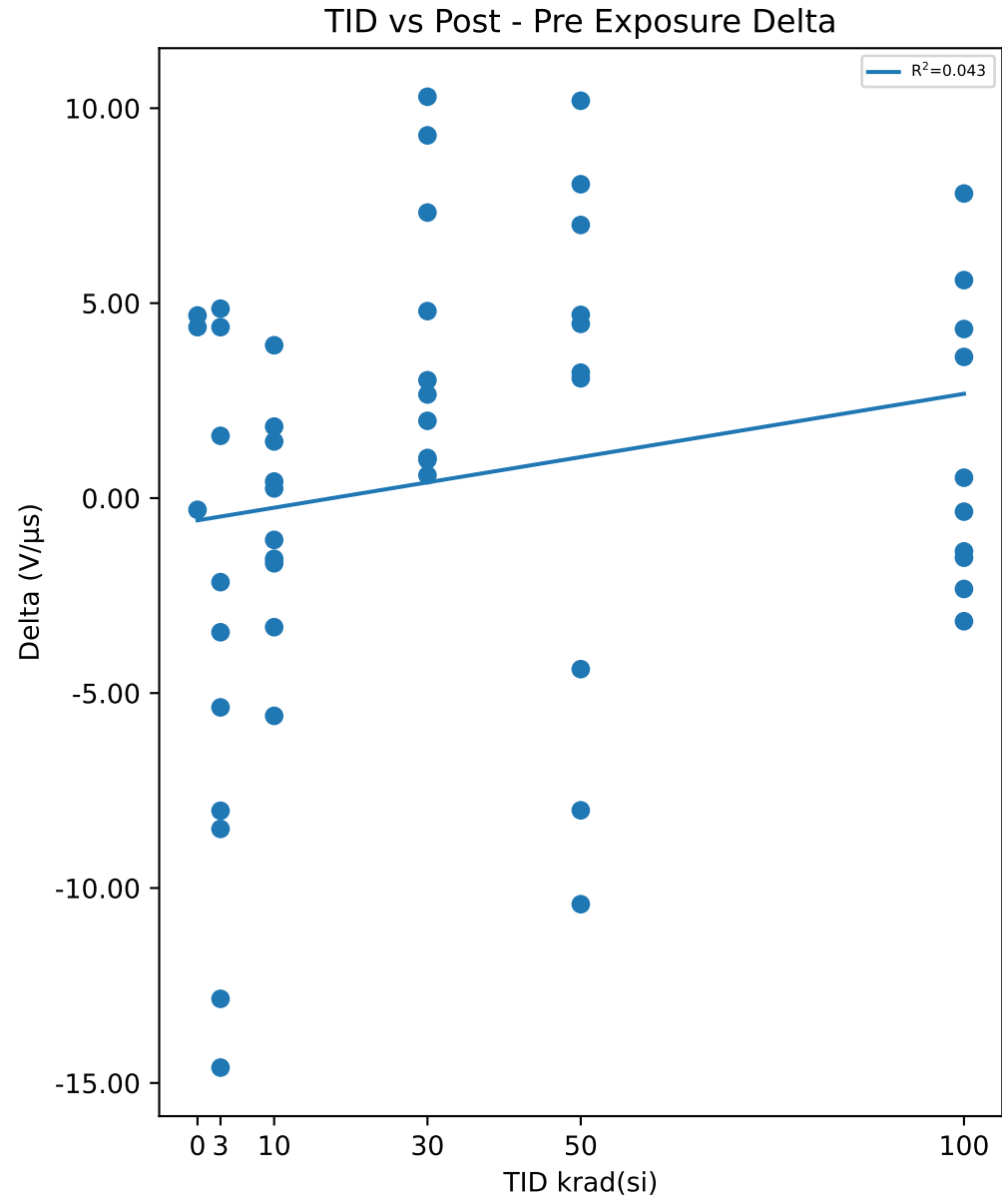
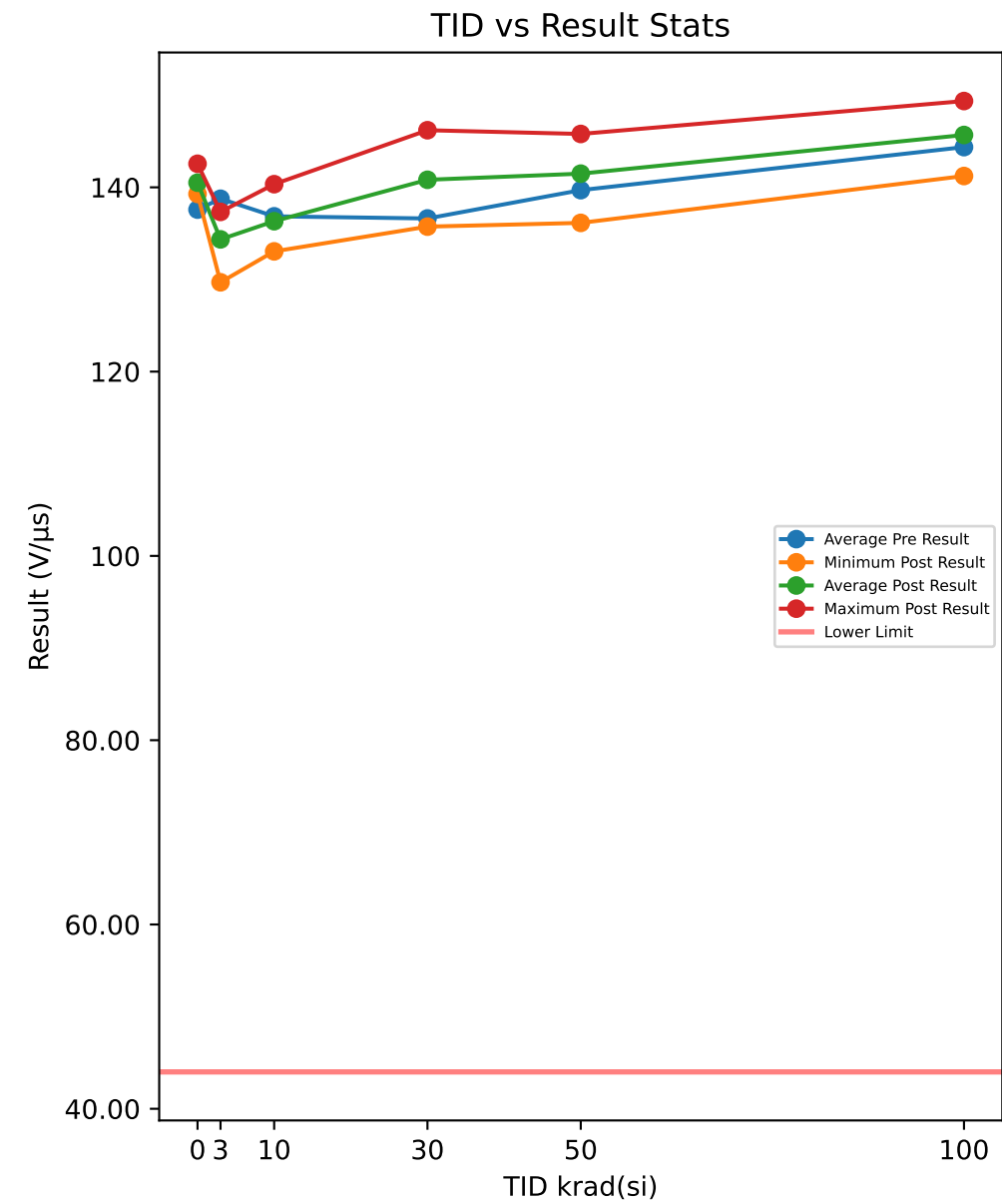


Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	33.459	33.362	-0.097
301	0	Correlation	34.435	34.325	-0.11
302	0	Correlation	33.126	33.065	-0.061
303	3	Bias	33.566	32.717	-0.849
304	3	Bias	33.548	32.778	-0.77
305	3	Bias	33.683	33.153	-0.53
306	3	Bias	33.709	33.091	-0.618
307	3	Bias	33.533	32.781	-0.752
308	3	Unbiased	33.774	32.949	-0.825
309	3	Unbiased	33.263	33.13	-0.133
310	3	Unbiased	33.166	32.982	-0.184
311	3	Unbiased	34.218	34.101	-0.117
312	3	Unbiased	34.175	34.072	-0.103
313	10	Bias	33.106	32.814	-0.292
314	10	Bias	33.221	32.801	-0.42
315	10	Bias	32.691	32.217	-0.474
316	10	Bias	33.95	33.427	-0.523
317	10	Bias	32.79	32.395	-0.395
318	10	Unbiased	33.135	32.986	-0.149
319	10	Unbiased	32.949	32.421	-0.528
320	10	Unbiased	32.99	32.691	-0.299
321	10	Unbiased	33.127	32.627	-0.5
322	10	Unbiased	33.39	32.854	-0.536
323	30	Bias	33.055	31.745	-1.31
324	30	Bias	33.838	32.504	-1.334
325	30	Bias	32.989	31.645	-1.344
326	30	Bias	33.863	32.441	-1.422
327	30	Bias	33.125	31.715	-1.41
328	30	Unbiased	33.573	32.447	-1.126
329	30	Unbiased	33.184	32.211	-0.973
330	30	Unbiased	33.97	32.527	-1.443
331	30	Unbiased	33.516	31.947	-1.569
332	30	Unbiased	32.889	31.78	-1.109
333	50	Bias	34.24	32.256	-1.984
334	50	Bias	33.271	31.354	-1.917
335	50	Bias	33.126	30.735	-2.391
336	50	Bias	33.273	31.024	-2.249
337	50	Bias	32.8	30.662	-2.138
338	50	Unbiased	34.06	32.212	-1.848
339	50	Unbiased	33.648	31.269	-2.379
340	50	Unbiased	33.82	31.026	-2.794
341	50	Unbiased	34.008	31.362	-2.646
342	50	Unbiased	33.9	31.28	-2.62
343	100	Bias	33.966	30.06	-3.906
344	100	Bias	33.927	29.598	-4.329
345	100	Bias	34.301	29.67	-4.631
346	100	Bias	32.803	28.701	-4.102
347	100	Bias	33.29	29.207	-4.083
348	100	Unbiased	33.936	29.933	-4.003
349	100	Unbiased	33.84	29.987	-3.853
350	100	Unbiased	34.021	29.506	-4.515
351	100	Unbiased	33.453	29.277	-4.176
352	100	Unbiased	34.138	30.172	-3.966

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	33.126	33.673	34.435	0.68031	33.065	33.584	34.325	0.65868	-0.11	-0.089333	-0.061	0.025384
3	33.166	33.663	34.218	0.33855	32.717	33.175	34.101	0.50361	-0.849	-0.4881	-0.103	0.31904
10	32.691	33.135	33.95	0.35108	32.217	32.723	33.427	0.34341	-0.536	-0.4116	-0.149	0.12885
30	32.889	33.4	33.97	0.40081	31.645	32.096	32.527	0.36538	-1.569	-1.304	-0.973	0.18151
50	32.8	33.615	34.24	0.47212	30.662	31.318	32.256	0.54038	-2.794	-2.2966	-1.848	0.32664
100	32.803	33.767	34.301	0.45238	28.701	29.611	30.172	0.45691	-4.631	-4.1564	-3.853	0.25968

Device Test: 19.10 ; PWRGD_SLEW_RATE_FALL



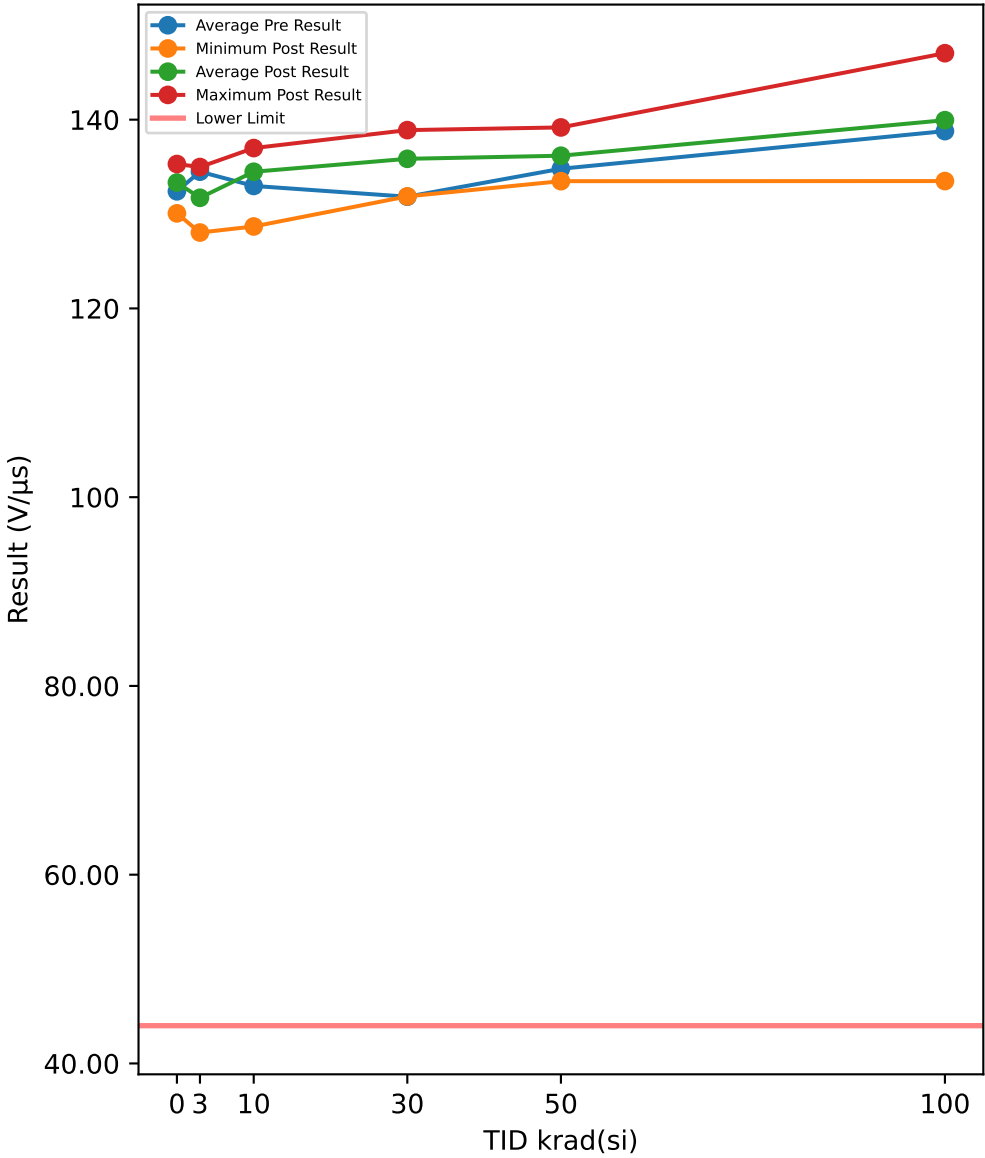
Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	134.99	139.67	4.684
301	0	Correlation	138.17	142.56	4.385
302	0	Correlation	139.59	139.28	-0.3
303	3	Bias	145.82	137.33	-8.484
304	3	Bias	138.25	132.88	-5.367
305	3	Bias	147.35	134.51	-12.842
306	3	Bias	140.63	137.19	-3.44
307	3	Bias	137.71	129.69	-8.018
308	3	Unbiased	148.06	133.45	-14.606
309	3	Unbiased	130.46	134.85	4.384
310	3	Unbiased	133.47	131.31	-2.155
311	3	Unbiased	133.53	135.13	1.597
312	3	Unbiased	132.32	137.18	4.859
313	10	Bias	133.46	135.3	1.834
314	10	Bias	137.01	135.34	-1.672
315	10	Bias	140.2	138.64	-1.557
316	10	Bias	139.68	140.1	0.425
317	10	Bias	133.25	134.7	1.453
318	10	Unbiased	138.93	133.34	-5.584
319	10	Unbiased	136.36	133.05	-3.31
320	10	Unbiased	136.42	140.34	3.92
321	10	Unbiased	136.48	136.73	0.248
322	10	Unbiased	136.75	135.68	-1.072
323	30	Bias	128.41	135.74	7.324
324	30	Bias	138.07	140.06	1.982
325	30	Bias	137.66	140.32	2.657
326	30	Bias	140.93	141.51	0.587
327	30	Bias	136.9	146.2	9.303
328	30	Unbiased	140.75	141.78	1.029
329	30	Unbiased	136.98	137.96	0.985
330	30	Unbiased	137.03	141.83	4.796
331	30	Unbiased	135.46	145.75	10.294
332	30	Unbiased	134.02	137.04	3.023
333	50	Bias	135.31	143.36	8.05
334	50	Bias	138.05	142.75	4.7
335	50	Bias	134.08	144.27	10.191
336	50	Bias	137.54	140.61	3.072
337	50	Bias	138.79	145.79	7.005
338	50	Unbiased	132.92	136.14	3.218
339	50	Unbiased	154.05	143.63	-10.415
340	50	Unbiased	133.79	138.26	4.469
341	50	Unbiased	145.44	137.43	-8.007
342	50	Unbiased	146.97	142.59	-4.386
343	100	Bias	148.62	148.27	-0.347
344	100	Bias	146.4	146.93	0.523
345	100	Bias	148.9	147.53	-1.366
346	100	Bias	144.97	141.81	-3.158
347	100	Bias	150.89	149.37	-1.529
348	100	Unbiased	138.98	146.79	7.812
349	100	Unbiased	138.4	143.99	5.591
350	100	Unbiased	142.44	146.78	4.337
351	100	Unbiased	137.61	141.23	3.621
352	100	Unbiased	146.45	144.12	-2.33

Test Statistics (V/μs)

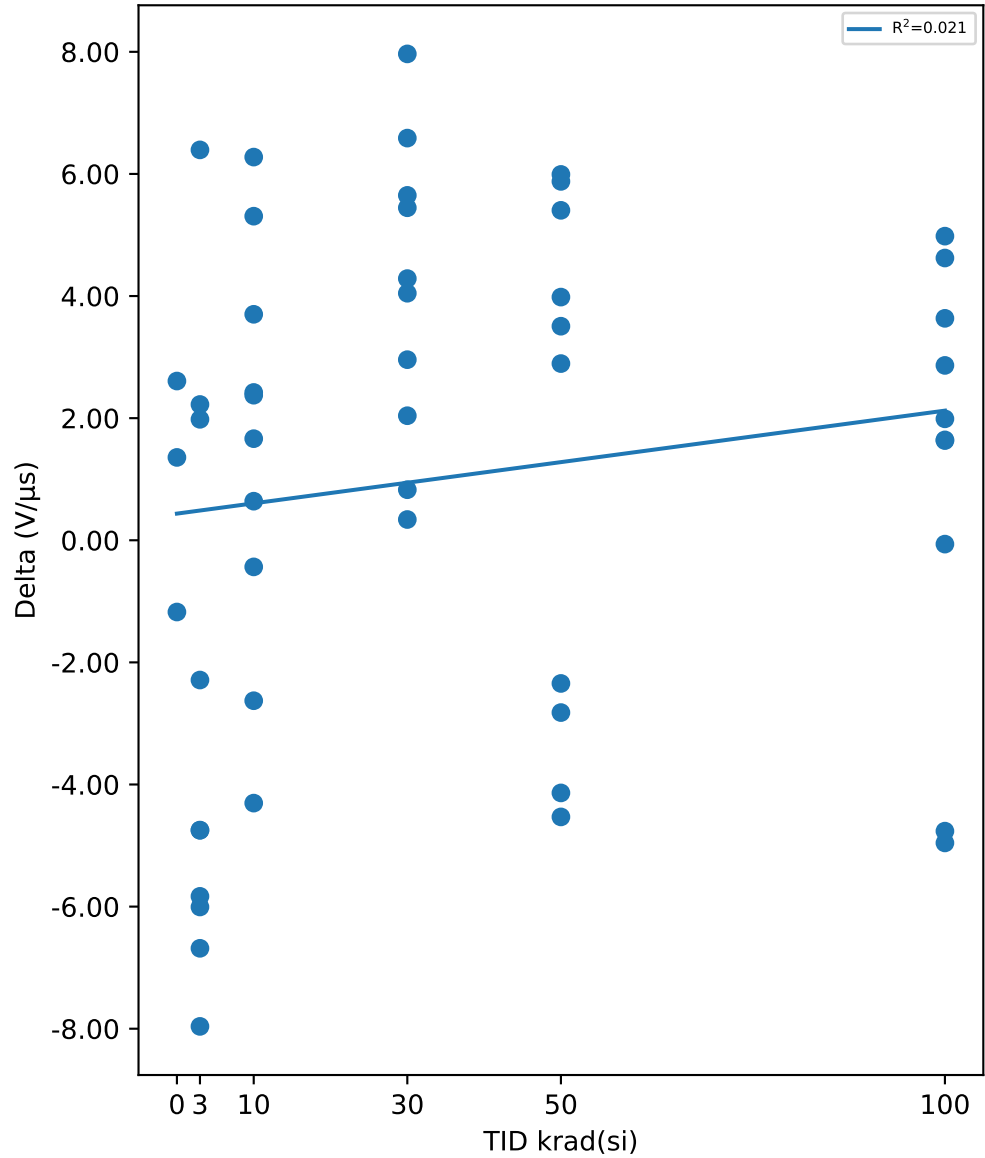
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	134.99	137.58	139.59	2.3537	139.28	140.51	142.56	1.788	-0.3	2.923	4.684	2.7952
3	130.46	138.76	148.06	6.5033	129.69	134.35	137.33	2.5758	-14.606	-4.4072	4.859	6.7573
10	133.25	136.85	140.2	2.3225	133.05	136.32	140.34	2.5951	-5.584	-0.5315	3.92	2.7237
30	128.41	136.62	140.93	3.57	135.74	140.82	146.2	3.4116	0.587	4.198	10.294	3.5812
50	132.92	139.69	154.05	6.9247	136.14	141.48	145.79	3.2208	-10.415	1.7897	10.191	6.9871
100	137.61	144.37	150.89	4.7626	141.23	145.68	149.37	2.7461	-3.158	1.3154	7.812	3.7551

Device Test: 19.11 ; WDO_SLEW_RATE_FALL

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 44.0 (V/μs))

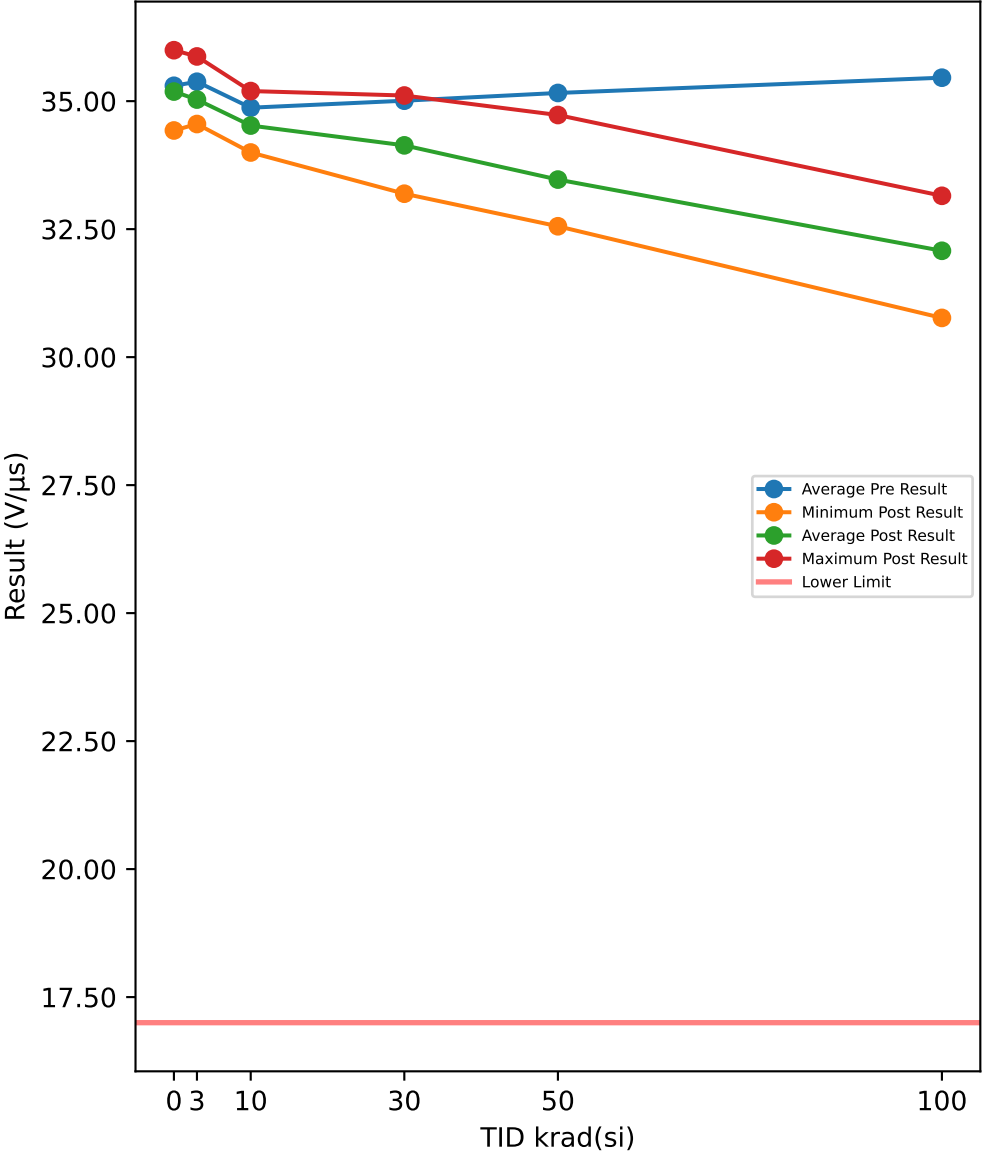
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	131.25	130.07	-1.175
301	0	Correlation	133.94	135.3	1.357
302	0	Correlation	132.04	134.64	2.608
303	3	Bias	135.68	129.68	-6.006
304	3	Bias	135.08	129.25	-5.832
305	3	Bias	137.64	132.9	-4.747
306	3	Bias	141.44	134.76	-6.683
307	3	Bias	132.79	128.04	-4.75
308	3	Unbiased	137.6	129.64	-7.962
309	3	Unbiased	132.63	130.34	-2.289
310	3	Unbiased	127.99	134.38	6.394
311	3	Unbiased	132.76	134.98	2.224
312	3	Unbiased	131.28	133.26	1.981
313	10	Bias	134.14	134.78	0.64
314	10	Bias	131.22	136.53	5.308
315	10	Bias	134.25	136.63	2.376
316	10	Bias	134.57	136.99	2.421
317	10	Bias	134.92	136.59	1.664
318	10	Unbiased	132.72	132.28	-0.436
319	10	Unbiased	129.39	133.09	3.701
320	10	Unbiased	129.88	136.16	6.276
321	10	Unbiased	137.38	133.08	-4.305
322	10	Unbiased	131.31	128.69	-2.628
323	30	Bias	130.66	133.62	2.958
324	30	Bias	129.9	133.95	4.046
325	30	Bias	130.92	138.88	7.966
326	30	Bias	132.41	134.45	2.04
327	30	Bias	132.31	138.89	6.587
328	30	Unbiased	133.34	137.63	4.286
329	30	Unbiased	132.22	137.87	5.649
330	30	Unbiased	135.71	136.54	0.828
331	30	Unbiased	131.53	131.87	0.34
332	30	Unbiased	129.37	134.82	5.446
333	50	Bias	133.19	139.18	5.992
334	50	Bias	134.46	137.35	2.894
335	50	Bias	131.38	134.89	3.506
336	50	Bias	131.15	137.03	5.878
337	50	Bias	132.98	138.38	5.404
338	50	Unbiased	129.71	133.69	3.983
339	50	Unbiased	139.6	136.78	-2.822
340	50	Unbiased	138.01	133.48	-4.531
341	50	Unbiased	139.12	134.98	-4.138
342	50	Unbiased	138.38	136.04	-2.345
343	100	Bias	146.65	141.69	-4.957
344	100	Bias	136.34	139.2	2.864
345	100	Bias	135.65	139.29	3.635
346	100	Bias	139.69	141.32	1.633
347	100	Bias	142.42	147.04	4.623
348	100	Unbiased	135.84	137.83	1.989
349	100	Unbiased	138.85	138.78	-0.063
350	100	Unbiased	133.96	138.94	4.981
351	100	Unbiased	138.26	133.5	-4.764
352	100	Unbiased	140.22	141.87	1.644

Test Statistics (V/μs)

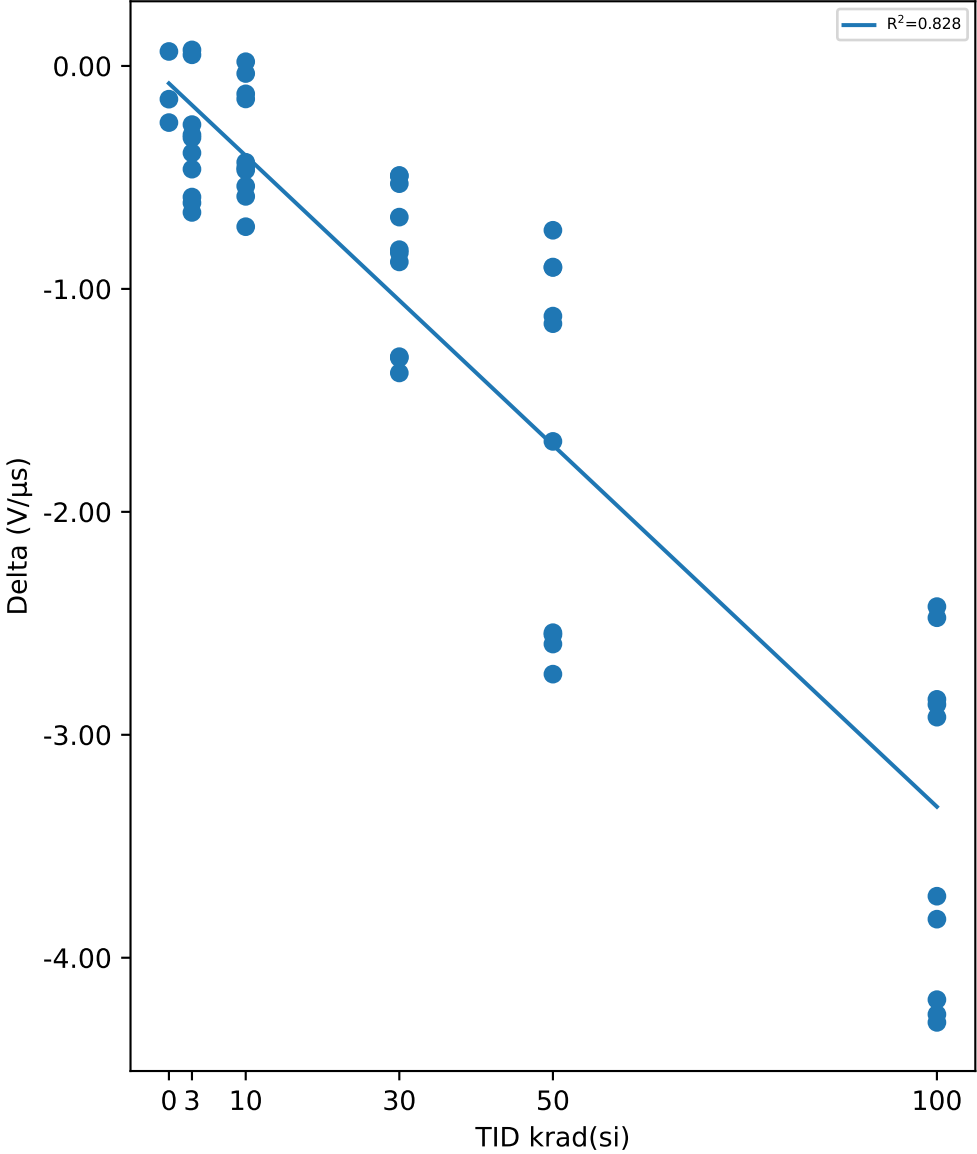
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	131.25	132.41	133.94	1.3861	130.07	133.34	135.3	2.848	-1.175	0.93	2.608	1.9273
3	127.99	134.49	141.44	3.8238	128.04	131.72	134.98	2.5983	-7.962	-2.767	6.394	4.7337
10	129.39	132.98	137.38	2.5186	128.69	134.48	136.99	2.6836	-4.305	1.5017	6.276	3.317
30	129.37	131.84	135.71	1.8286	131.87	135.85	138.89	2.44	0.34	4.0146	7.966	2.4877
50	129.71	134.8	139.6	3.6795	133.48	136.18	139.18	1.911	-4.531	1.3821	5.992	4.3231
100	133.96	138.79	146.65	3.7407	133.5	139.95	147.04	3.4708	-4.957	1.1585	4.981	3.5083

Device Test: 19.12 ; RESET_SLEW_RATE_RISE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



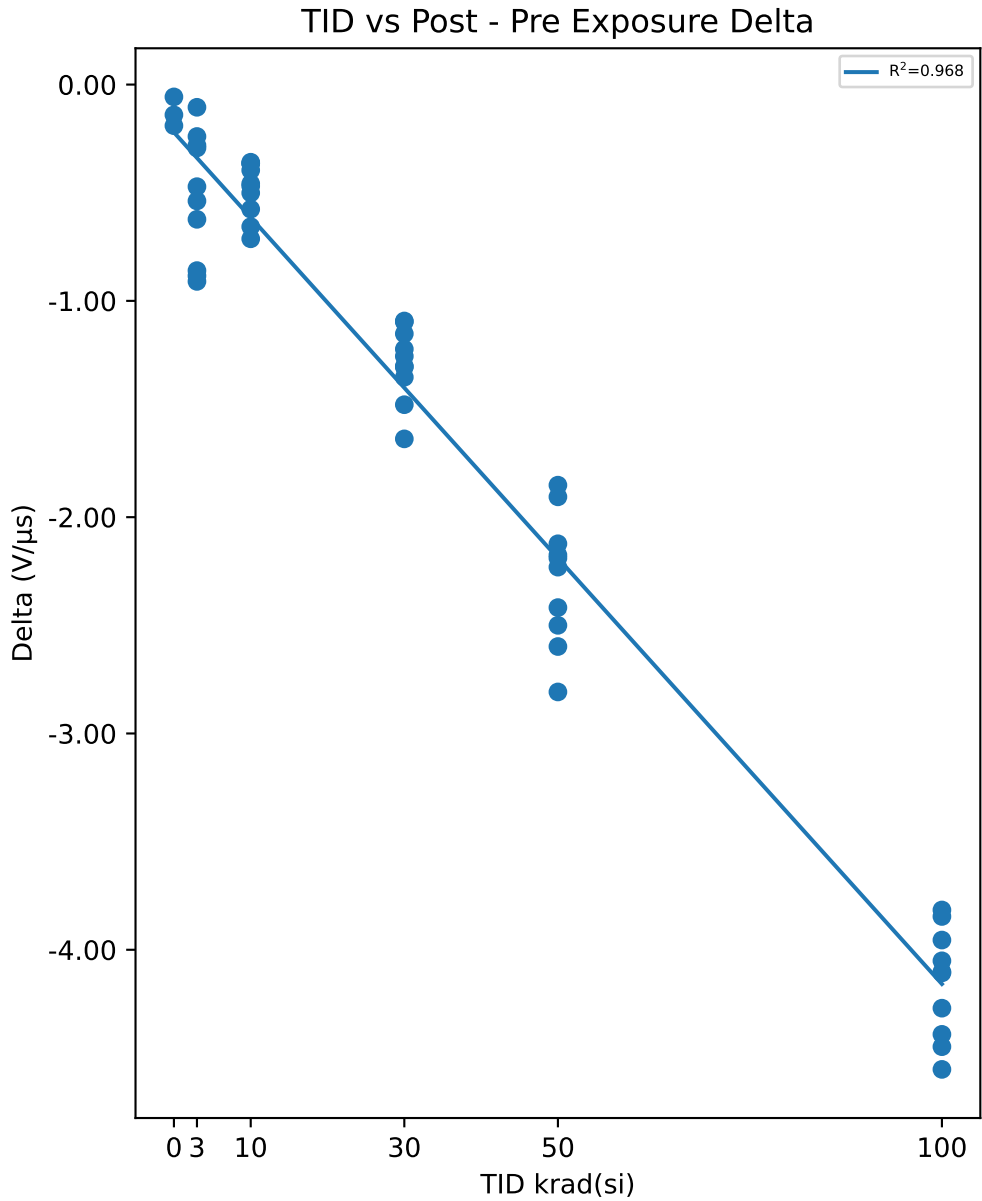
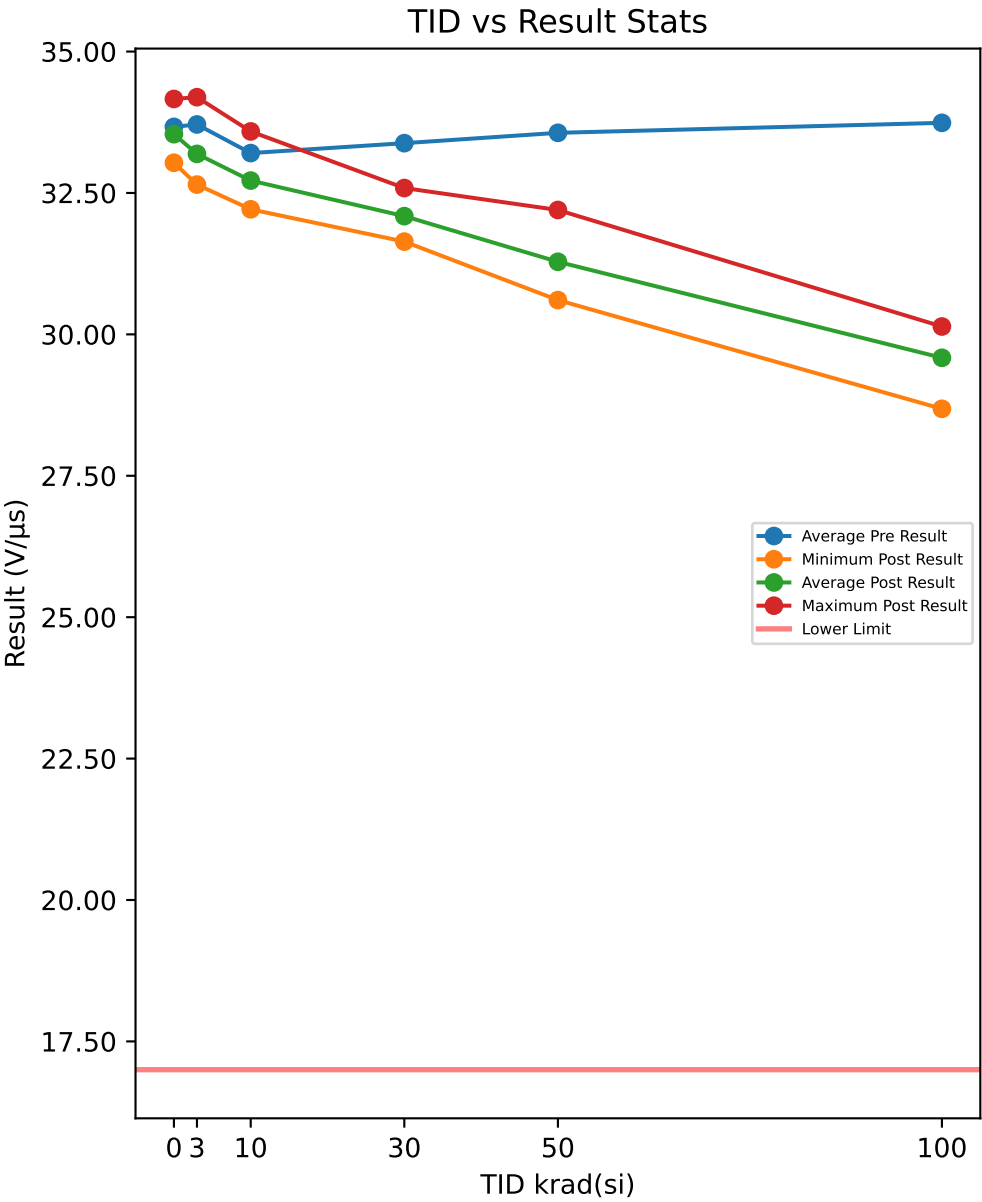
Test Results (Lower Limit = 17.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	35.075	35.14	0.065
301	0	Correlation	36.144	35.995	-0.149
302	0	Correlation	34.681	34.427	-0.254
303	3	Bias	35.179	34.789	-0.39
304	3	Bias	35.387	34.799	-0.588
305	3	Bias	35.423	34.809	-0.614
306	3	Bias	35.546	35.083	-0.463
307	3	Bias	35.21	34.553	-0.657
308	3	Unbiased	35.375	35.112	-0.263
309	3	Unbiased	35.173	34.864	-0.309
310	3	Unbiased	34.536	34.586	0.05
311	3	Unbiased	36.161	35.839	-0.322
312	3	Unbiased	35.801	35.873	0.072
313	10	Bias	34.686	34.652	-0.034
314	10	Bias	34.896	34.748	-0.148
315	10	Bias	34.371	34.246	-0.125
316	10	Bias	35.653	35.197	-0.456
317	10	Bias	34.582	33.997	-0.585
318	10	Unbiased	34.84	34.408	-0.432
319	10	Unbiased	34.907	34.186	-0.721
320	10	Unbiased	34.785	34.318	-0.467
321	10	Unbiased	34.619	34.638	0.019
322	10	Unbiased	35.381	34.842	-0.539
323	30	Bias	34.84	33.961	-0.879
324	30	Bias	35.126	34.598	-0.528
325	30	Bias	34.506	34.015	-0.491
326	30	Bias	35.788	35.11	-0.678
327	30	Bias	34.809	34.315	-0.494
328	30	Unbiased	35.358	33.981	-1.377
329	30	Unbiased	34.8	33.976	-0.824
330	30	Unbiased	35.567	34.258	-1.309
331	30	Unbiased	34.796	33.958	-0.838
332	30	Unbiased	34.496	33.192	-1.304
333	50	Bias	35.466	34.729	-0.737
334	50	Bias	34.481	33.579	-0.902
335	50	Bias	34.553	33.649	-0.904
336	50	Bias	34.894	33.738	-1.156
337	50	Bias	34.276	33.154	-1.122
338	50	Unbiased	35.374	33.69	-1.684
339	50	Unbiased	35.637	33.044	-2.593
340	50	Unbiased	35.107	32.556	-2.551
341	50	Unbiased	35.922	33.194	-2.728
342	50	Unbiased	35.888	33.346	-2.542
343	100	Bias	35.537	33.062	-2.475
344	100	Bias	35.157	32.732	-2.425
345	100	Bias	36.015	33.151	-2.864
346	100	Bias	34.822	31.901	-2.921
347	100	Bias	35.192	32.351	-2.841
348	100	Unbiased	35.494	31.77	-3.724
349	100	Unbiased	35.566	31.739	-3.827
350	100	Unbiased	35.631	31.443	-4.188
351	100	Unbiased	35.056	30.766	-4.29
352	100	Unbiased	36.11	31.856	-4.254

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	34.681	35.3	36.144	0.75701	34.427	35.187	35.995	0.78507	-0.254	-0.11267	0.065	0.16257
3	34.536	35.379	36.161	0.42703	34.553	35.031	35.873	0.46989	-0.657	-0.3484	0.072	0.25453
10	34.371	34.872	35.653	0.38197	33.997	34.523	35.197	0.35882	-0.721	-0.3488	0.019	0.25553
30	34.496	35.009	35.788	0.43811	33.192	34.136	35.11	0.49741	-1.377	-0.8722	-0.491	0.34643
50	34.276	35.16	35.922	0.59274	32.556	33.468	34.729	0.57324	-2.728	-1.6919	-0.737	0.82427
100	34.822	35.458	36.11	0.40987	30.766	32.077	33.151	0.74809	-4.29	-3.3809	-2.425	0.74992

Device Test: 19.13 ; RESET_SLEW_RATE_RISE



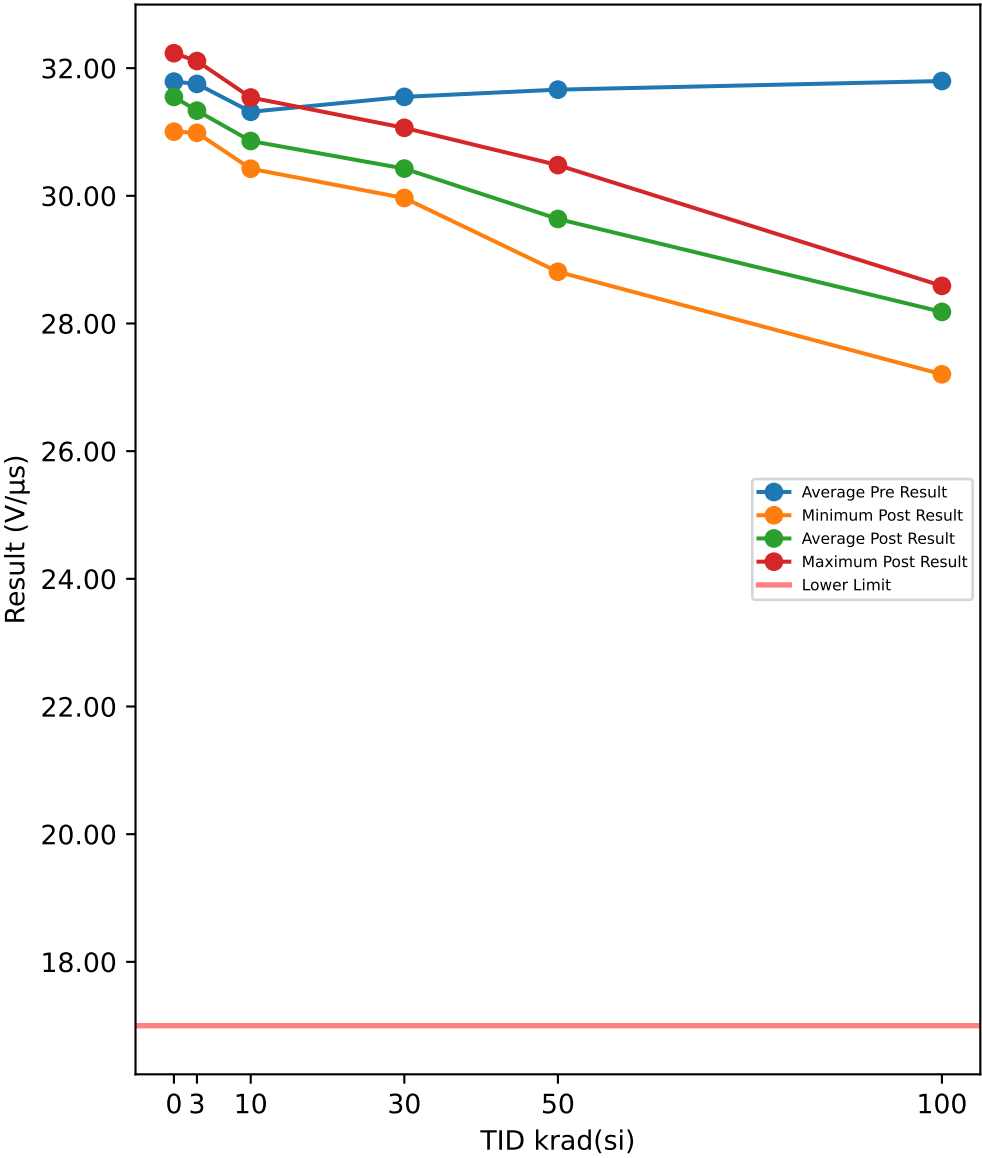
Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	33.479	33.422	-0.057
301	0	Correlation	34.352	34.162	-0.19
302	0	Correlation	33.174	33.034	-0.14
303	3	Bias	33.454	32.916	-0.538
304	3	Bias	33.532	32.648	-0.884
305	3	Bias	33.71	33.238	-0.472
306	3	Bias	33.692	33.069	-0.623
307	3	Bias	33.655	32.745	-0.91
308	3	Unbiased	33.845	32.985	-0.86
309	3	Unbiased	33.372	33.132	-0.24
310	3	Unbiased	33.299	33.018	-0.281
311	3	Unbiased	34.298	34.193	-0.105
312	3	Unbiased	34.254	33.961	-0.293
313	10	Bias	33.366	32.653	-0.713
314	10	Bias	33.216	32.758	-0.458
315	10	Bias	32.787	32.211	-0.576
316	10	Bias	33.953	33.588	-0.365
317	10	Bias	32.854	32.458	-0.396
318	10	Unbiased	33.28	32.921	-0.359
319	10	Unbiased	32.921	32.452	-0.469
320	10	Unbiased	33.261	32.604	-0.657
321	10	Unbiased	33.136	32.771	-0.365
322	10	Unbiased	33.277	32.776	-0.501
323	30	Bias	33.14	31.787	-1.353
324	30	Bias	33.68	32.587	-1.093
325	30	Bias	32.946	31.64	-1.306
326	30	Bias	34.054	32.416	-1.638
327	30	Bias	33.01	31.708	-1.302
328	30	Unbiased	33.603	32.38	-1.223
329	30	Unbiased	33.255	32.103	-1.152
330	30	Unbiased	34.051	32.571	-1.48
331	30	Unbiased	33.083	31.986	-1.097
332	30	Unbiased	32.981	31.725	-1.256
333	50	Bias	34.105	32.199	-1.906
334	50	Bias	33.213	31.09	-2.123
335	50	Bias	32.861	30.686	-2.175
336	50	Bias	33.167	30.978	-2.189
337	50	Bias	32.837	30.606	-2.231
338	50	Unbiased	33.967	32.115	-1.852
339	50	Unbiased	33.838	31.42	-2.418
340	50	Unbiased	33.619	31.119	-2.5
341	50	Unbiased	34.08	31.272	-2.808
342	50	Unbiased	33.945	31.347	-2.598
343	100	Bias	34.14	30.033	-4.107
344	100	Bias	33.758	29.656	-4.102
345	100	Bias	34.032	29.584	-4.448
346	100	Bias	32.954	28.684	-4.27
347	100	Bias	33.165	29.21	-3.955
348	100	Unbiased	33.746	29.9	-3.846
349	100	Unbiased	33.772	29.956	-3.816
350	100	Unbiased	33.978	29.425	-4.553
351	100	Unbiased	33.662	29.271	-4.391
352	100	Unbiased	34.19	30.139	-4.051

Test Statistics (V/μs)

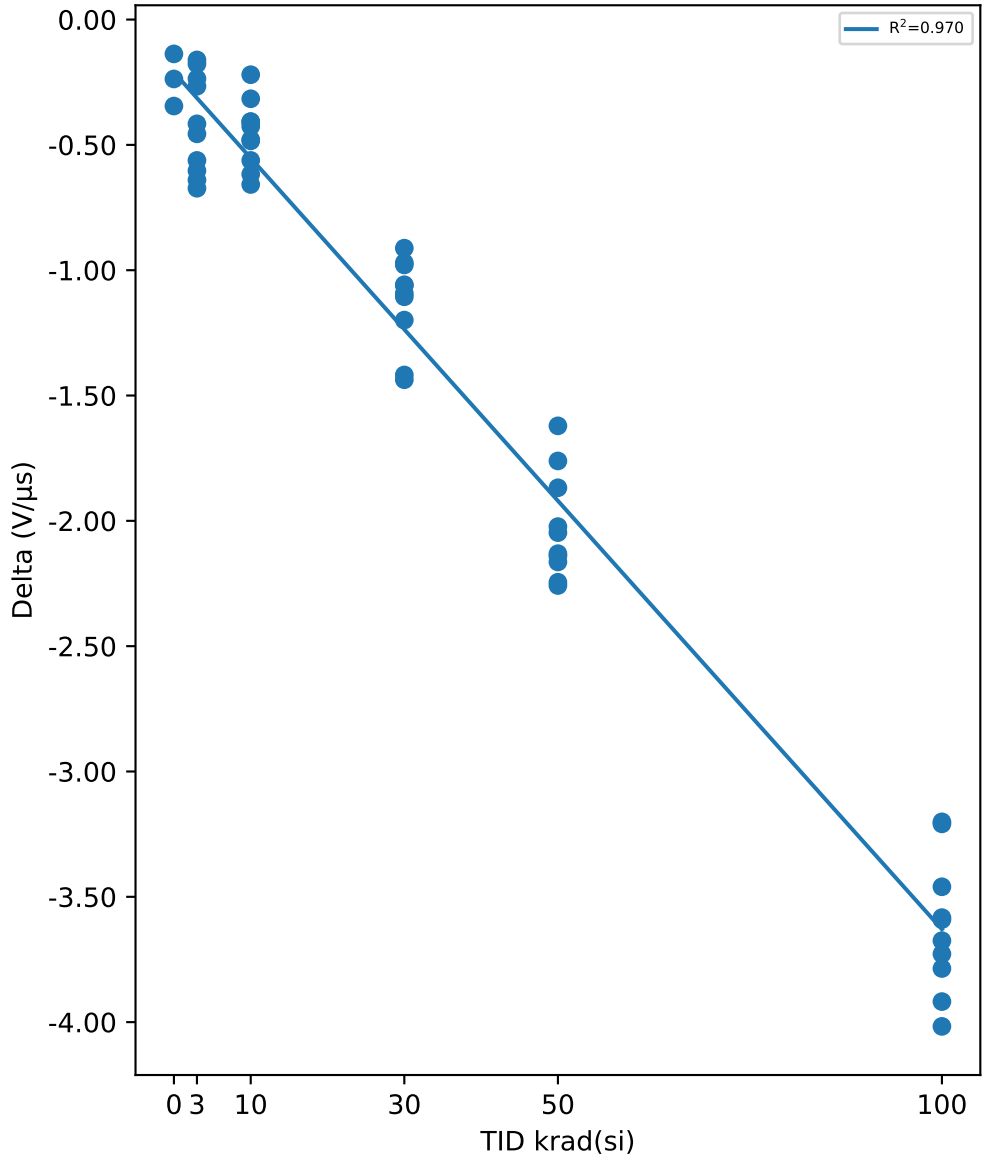
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	33.174	33.668	34.352	0.6114	33.034	33.539	34.162	0.57308	-0.19	-0.129	-0.057	0.067179
3	33.299	33.711	34.298	0.34053	32.648	33.191	34.193	0.50102	-0.91	-0.5206	-0.105	0.29301
10	32.787	33.205	33.953	0.33046	32.211	32.719	33.588	0.36795	-0.713	-0.4859	-0.359	0.12635
30	32.946	33.38	34.054	0.43335	31.64	32.09	32.587	0.37315	-1.638	-1.29	-1.093	0.17072
50	32.837	33.563	34.105	0.49979	30.606	31.283	32.199	0.5298	-2.808	-2.28	-1.852	0.30125
100	32.954	33.74	34.19	0.40281	28.684	29.586	30.139	0.45045	-4.553	-4.1539	-3.816	0.25375

Device Test: 19.14 ; RESET_SLEW_RATE_RISE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 17.0 (V/μs))

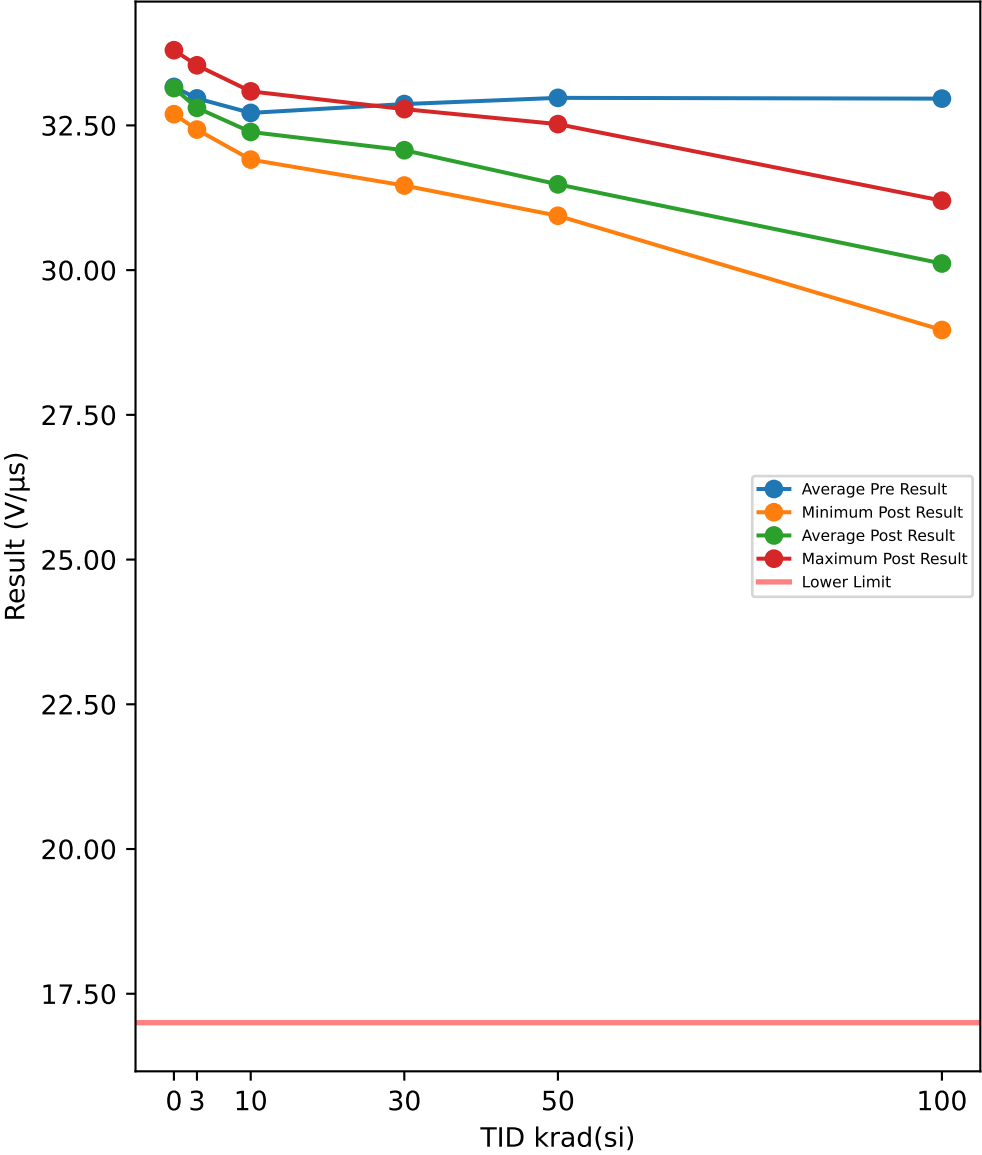
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	31.645	31.408	-0.237
301	0	Correlation	32.371	32.234	-0.137
302	0	Correlation	31.35	31.005	-0.345
303	3	Bias	31.62	31.058	-0.562
304	3	Bias	31.804	31.164	-0.64
305	3	Bias	31.871	31.268	-0.603
306	3	Bias	31.704	31.248	-0.456
307	3	Bias	31.66	30.987	-0.673
308	3	Unbiased	31.652	31.236	-0.416
309	3	Unbiased	31.443	31.282	-0.161
310	3	Unbiased	31.239	31.003	-0.236
311	3	Unbiased	32.161	31.984	-0.177
312	3	Unbiased	32.377	32.111	-0.266
313	10	Bias	31.489	30.831	-0.658
314	10	Bias	31.364	30.957	-0.407
315	10	Bias	30.925	30.609	-0.316
316	10	Bias	32.024	31.54	-0.484
317	10	Bias	31.041	30.424	-0.617
318	10	Unbiased	31.615	31.136	-0.479
319	10	Unbiased	30.987	30.767	-0.22
320	10	Unbiased	31.13	30.704	-0.426
321	10	Unbiased	31.133	30.725	-0.408
322	10	Unbiased	31.451	30.889	-0.562
323	30	Bias	31.42	30.362	-1.058
324	30	Bias	31.786	30.587	-1.199
325	30	Bias	31.475	30.038	-1.437
326	30	Bias	31.938	30.877	-1.061
327	30	Bias	31.384	29.966	-1.418
328	30	Unbiased	31.611	30.632	-0.979
329	30	Unbiased	31.444	30.352	-1.092
330	30	Unbiased	32.035	31.065	-0.97
331	30	Unbiased	31.323	30.411	-0.912
332	30	Unbiased	31.083	29.977	-1.106
333	50	Bias	32.054	30.433	-1.621
334	50	Bias	31.287	29.419	-1.868
335	50	Bias	31.207	29.184	-2.023
336	50	Bias	31.45	29.403	-2.047
337	50	Bias	30.941	28.81	-2.131
338	50	Unbiased	32.242	30.481	-1.761
339	50	Unbiased	31.907	29.662	-2.245
340	50	Unbiased	31.669	29.505	-2.164
341	50	Unbiased	31.951	29.693	-2.258
342	50	Unbiased	31.924	29.784	-2.14
343	100	Bias	32.199	28.524	-3.675
344	100	Bias	31.741	28.281	-3.46
345	100	Bias	32.32	28.303	-4.017
346	100	Bias	31.122	27.204	-3.918
347	100	Bias	31.585	27.857	-3.728
348	100	Unbiased	31.791	28.582	-3.209
349	100	Unbiased	31.58	28.379	-3.201
350	100	Unbiased	31.82	28.237	-3.583
351	100	Unbiased	31.448	27.857	-3.591
352	100	Unbiased	32.375	28.589	-3.786

Test Statistics (V/μs)

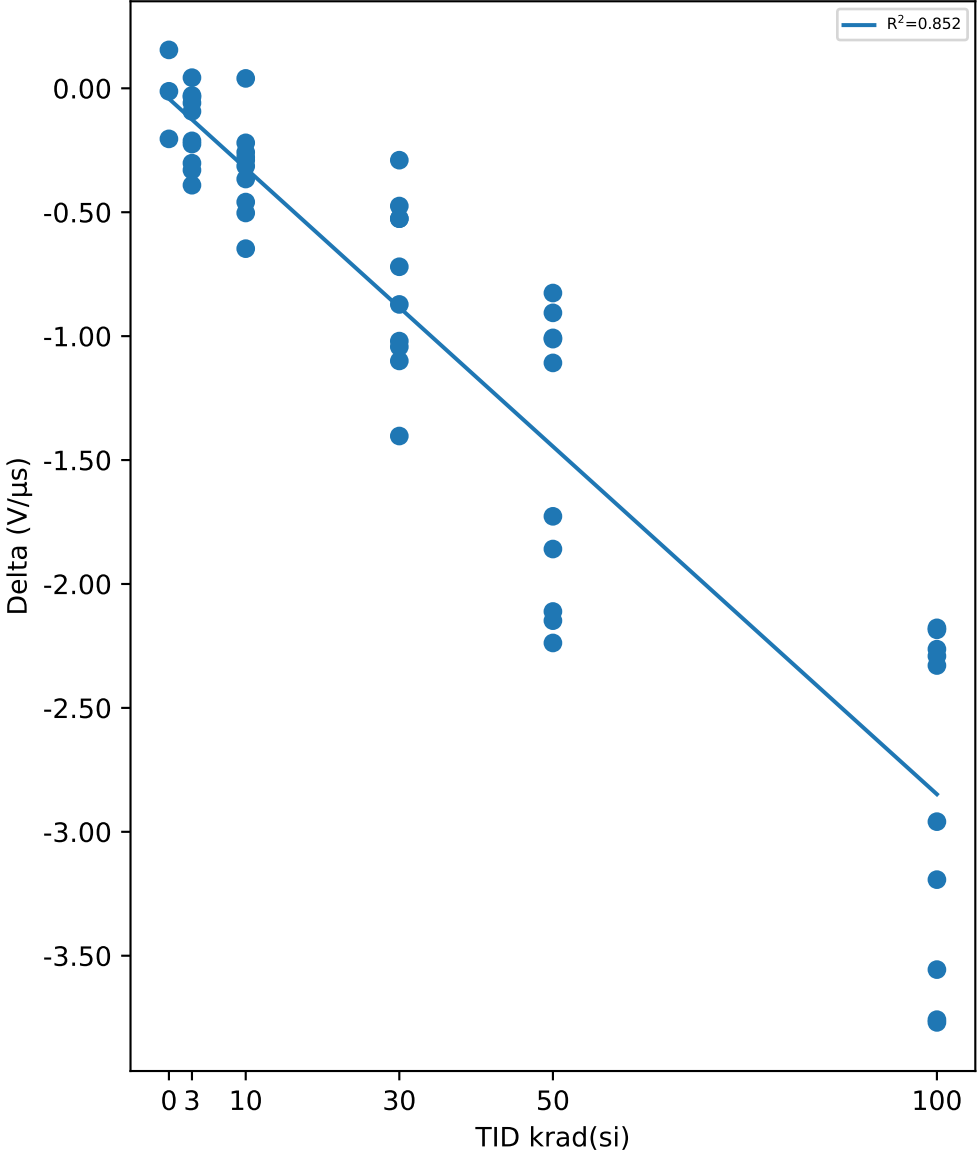
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	31.35	31.789	32.371	0.52544	31.005	31.549	32.234	0.62651	-0.345	-0.23967	-0.137	0.10403
3	31.239	31.753	32.377	0.32857	30.987	31.334	32.111	0.39233	-0.673	-0.419	-0.161	0.1975
10	30.925	31.316	32.024	0.34091	30.424	30.858	31.54	0.30803	-0.658	-0.4577	-0.22	0.13339
30	31.083	31.55	32.035	0.29366	29.966	30.427	31.065	0.37322	-1.437	-1.1232	-0.912	0.17931
50	30.941	31.663	32.242	0.42357	28.81	29.637	30.481	0.51426	-2.258	-2.0258	-1.621	0.212
100	31.122	31.798	32.375	0.40033	27.204	28.181	28.589	0.43161	-4.017	-3.6168	-3.201	0.27098

Device Test: 19.15 ; RESET_SLEW_RATE_RISE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



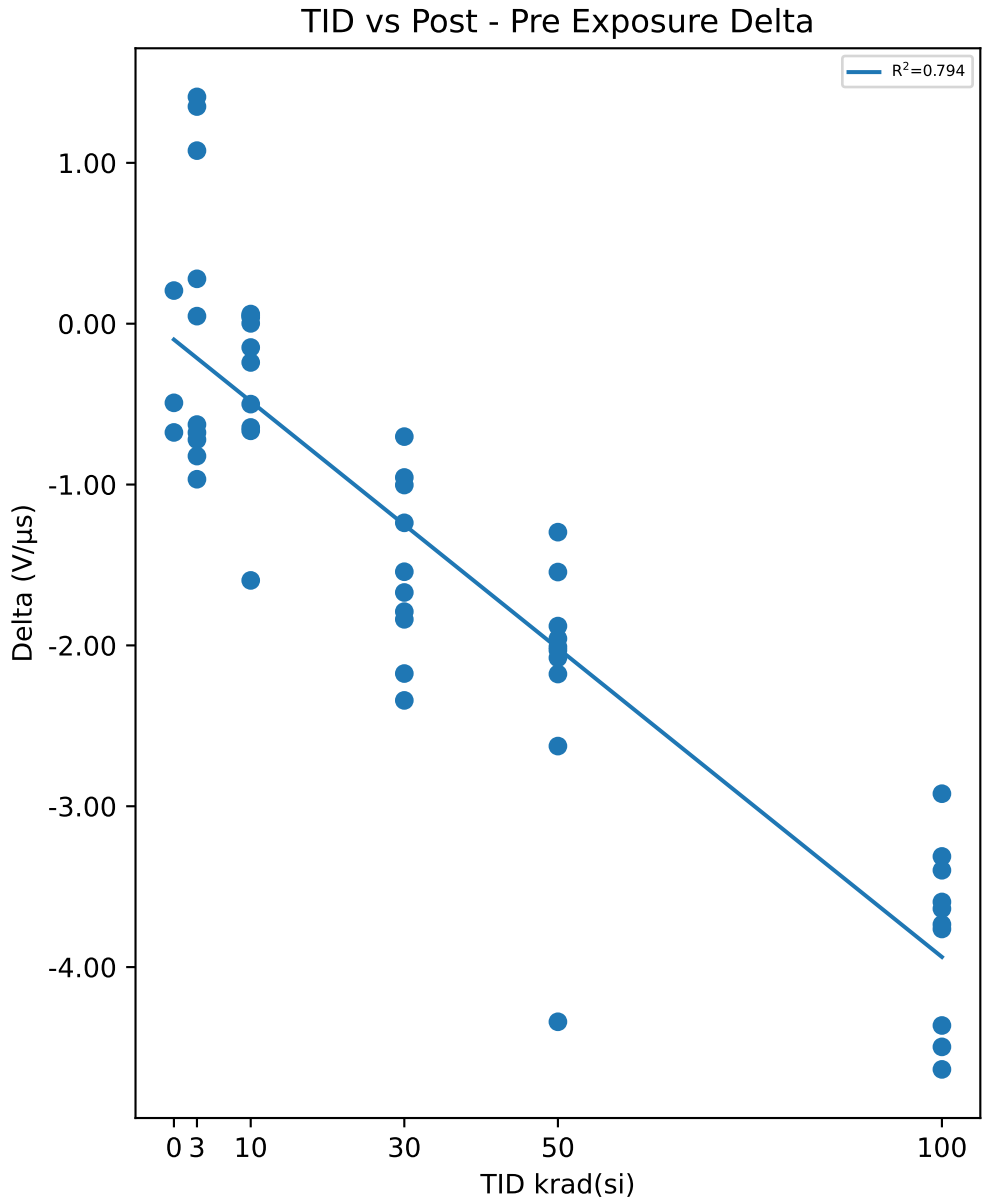
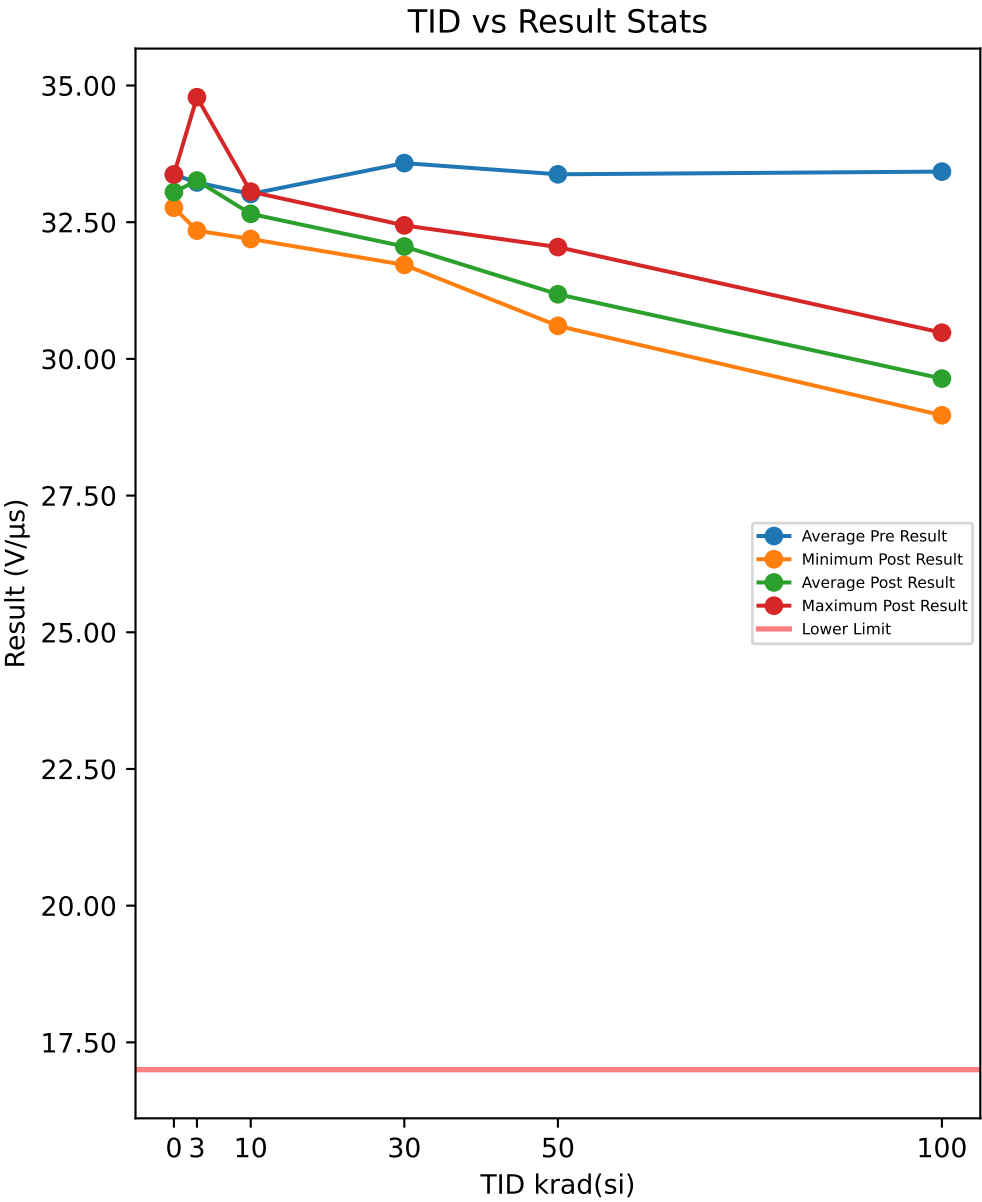
Test Results (Lower Limit = 17.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	32.952	32.94	-0.012
301	0	Correlation	34.003	33.799	-0.204
302	0	Correlation	32.539	32.694	0.155
303	3	Bias	32.781	32.556	-0.225
304	3	Bias	32.776	32.683	-0.093
305	3	Bias	33.072	32.681	-0.391
306	3	Bias	32.807	32.748	-0.059
307	3	Bias	32.73	32.428	-0.302
308	3	Unbiased	32.913	32.583	-0.33
309	3	Unbiased	32.79	32.755	-0.035
310	3	Unbiased	32.574	32.545	-0.029
311	3	Unbiased	33.495	33.538	0.043
312	3	Unbiased	33.726	33.514	-0.212
313	10	Bias	32.989	32.769	-0.22
314	10	Bias	32.826	32.866	0.04
315	10	Bias	32.316	32.038	-0.278
316	10	Bias	33.346	33.088	-0.258
317	10	Bias	32.57	32.204	-0.366
318	10	Unbiased	32.835	32.332	-0.503
319	10	Unbiased	32.368	31.909	-0.459
320	10	Unbiased	32.504	32.214	-0.29
321	10	Unbiased	32.642	31.995	-0.647
322	10	Unbiased	32.762	32.448	-0.314
323	30	Bias	32.659	32.133	-0.526
324	30	Bias	33.083	32.608	-0.475
325	30	Bias	32.552	32.026	-0.526
326	30	Bias	33.501	32.781	-0.72
327	30	Bias	32.494	32.204	-0.29
328	30	Unbiased	32.972	31.872	-1.1
329	30	Unbiased	32.686	31.643	-1.043
330	30	Unbiased	33.702	32.299	-1.403
331	30	Unbiased	32.704	31.684	-1.02
332	30	Unbiased	32.333	31.461	-0.872
333	50	Bias	33.348	32.522	-0.826
334	50	Bias	32.583	31.677	-0.906
335	50	Bias	32.507	31.5	-1.007
336	50	Bias	32.914	31.806	-1.108
337	50	Bias	32.432	31.42	-1.012
338	50	Unbiased	33.568	31.841	-1.727
339	50	Unbiased	33.253	31.142	-2.111
340	50	Unbiased	32.798	30.939	-1.859
341	50	Unbiased	33.215	30.977	-2.238
342	50	Unbiased	33.141	30.993	-2.148
343	100	Bias	33.491	31.2	-2.291
344	100	Bias	32.938	30.753	-2.185
345	100	Bias	33.321	31.058	-2.263
346	100	Bias	32.166	29.989	-2.177
347	100	Bias	32.614	30.285	-2.329
348	100	Unbiased	32.969	29.776	-3.193
349	100	Unbiased	32.642	29.683	-2.959
350	100	Unbiased	33.209	29.451	-3.758
351	100	Unbiased	32.735	28.966	-3.769
352	100	Unbiased	33.539	29.983	-3.556

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.539	33.165	34.003	0.75481	32.694	33.144	33.799	0.58015	-0.204	-0.020333	0.155	0.17965
3	32.574	32.966	33.726	0.36628	32.428	32.803	33.538	0.39398	-0.391	-0.1633	0.043	0.1483
10	32.316	32.716	33.346	0.3078	31.909	32.386	33.088	0.40012	-0.647	-0.3295	0.04	0.18472
30	32.333	32.869	33.702	0.44509	31.461	32.071	32.781	0.4233	-1.403	-0.7975	-0.29	0.34776
50	32.432	32.976	33.568	0.38813	30.939	31.482	32.522	0.50136	-2.238	-1.4942	-0.826	0.57348
100	32.166	32.962	33.539	0.43614	28.966	30.114	31.2	0.71479	-3.769	-2.848	-2.177	0.67664

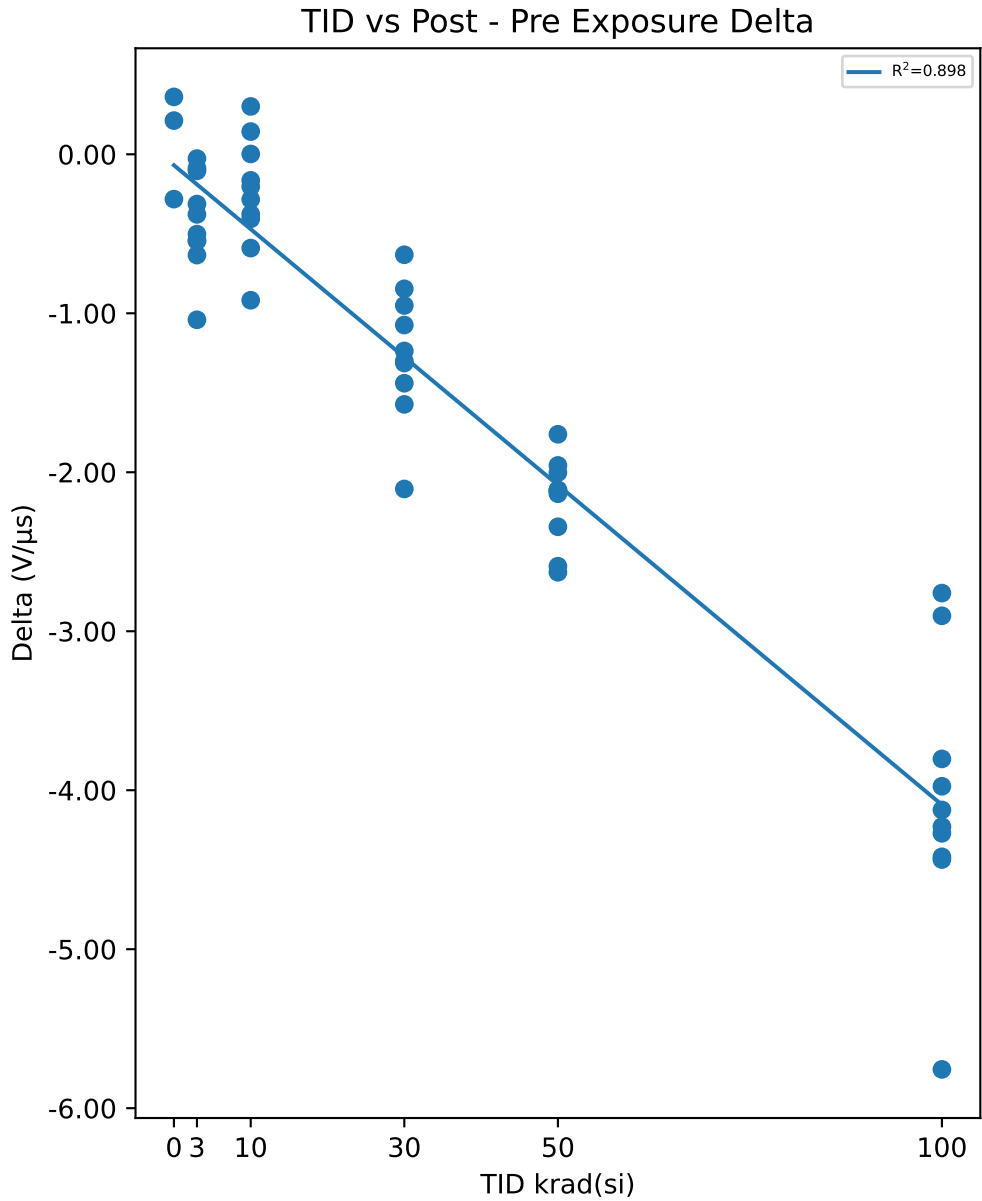
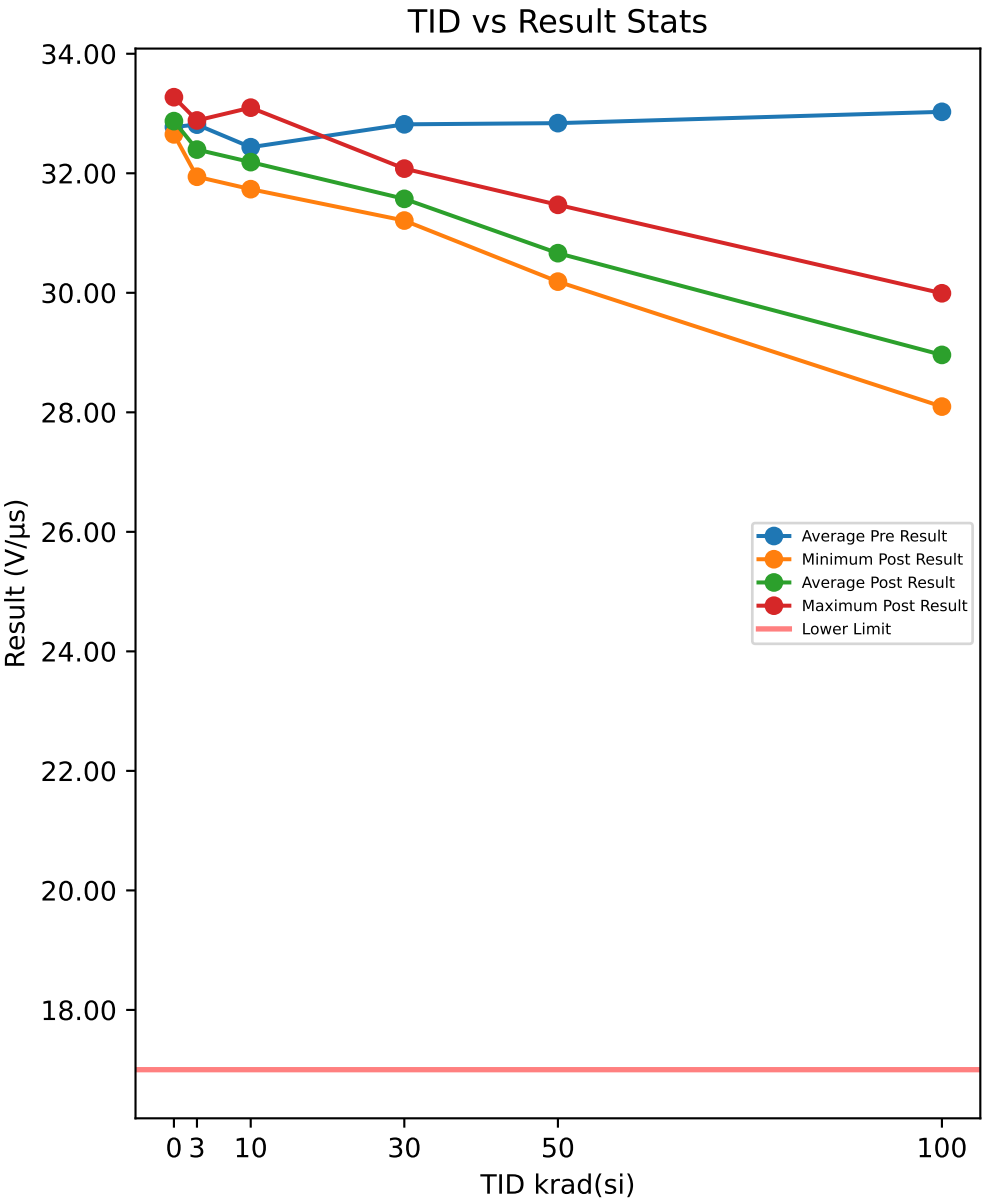
Device Test: 19.16 ; PWRGD_SLEW_RATE_RISE



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	33.258	32.766	-0.492
301	0	Correlation	33.685	33.009	-0.676
302	0	Correlation	33.166	33.372	0.206
303	3	Bias	32.753	33.829	1.076
304	3	Bias	33.022	32.345	-0.677
305	3	Bias	33.399	32.772	-0.627
306	3	Bias	33.469	32.646	-0.823
307	3	Bias	33.418	32.697	-0.721
308	3	Unbiased	32.898	33.177	0.279
309	3	Unbiased	33.643	32.676	-0.967
310	3	Unbiased	32.917	32.964	0.047
311	3	Unbiased	33.376	34.786	1.41
312	3	Unbiased	33.376	34.726	1.35
313	10	Bias	32.815	32.817	0.002
314	10	Bias	33.12	32.879	-0.241
315	10	Bias	33.008	33.058	0.05
316	10	Bias	33.509	33.009	-0.5
317	10	Bias	33.359	32.714	-0.645
318	10	Unbiased	32.399	32.439	0.04
319	10	Unbiased	33.957	32.361	-1.596
320	10	Unbiased	32.706	32.558	-0.148
321	10	Unbiased	32.859	32.193	-0.666
322	10	Unbiased	32.437	32.497	0.06
323	30	Bias	33.331	31.789	-1.542
324	30	Bias	34.712	32.37	-2.342
325	30	Bias	32.422	31.72	-0.702
326	30	Bias	33.814	32.024	-1.79
327	30	Bias	34.36	32.185	-2.175
328	30	Unbiased	33.398	32.442	-0.956
329	30	Unbiased	33.069	32.066	-1.003
330	30	Unbiased	33.813	32.142	-1.671
331	30	Unbiased	33.881	32.043	-1.838
332	30	Unbiased	33.009	31.771	-1.238
333	50	Bias	33.341	32.045	-1.296
334	50	Bias	32.767	31.223	-1.544
335	50	Bias	32.631	30.751	-1.88
336	50	Bias	32.995	31.037	-1.958
337	50	Bias	32.769	30.76	-2.009
338	50	Unbiased	33.587	31.51	-2.077
339	50	Unbiased	33.443	31.413	-2.03
340	50	Unbiased	34.944	30.604	-4.34
341	50	Unbiased	33.583	31.405	-2.178
342	50	Unbiased	33.698	31.072	-2.626
343	100	Bias	33.823	30.228	-3.595
344	100	Bias	33.943	29.447	-4.496
345	100	Bias	34.057	29.421	-4.636
346	100	Bias	32.718	28.983	-3.735
347	100	Bias	32.852	29.54	-3.312
348	100	Unbiased	33.331	28.968	-4.363
349	100	Unbiased	32.879	29.957	-2.922
350	100	Unbiased	33.183	29.785	-3.398
351	100	Unbiased	33.351	29.588	-3.763
352	100	Unbiased	34.116	30.479	-3.637

Test Statistics (V/μs)

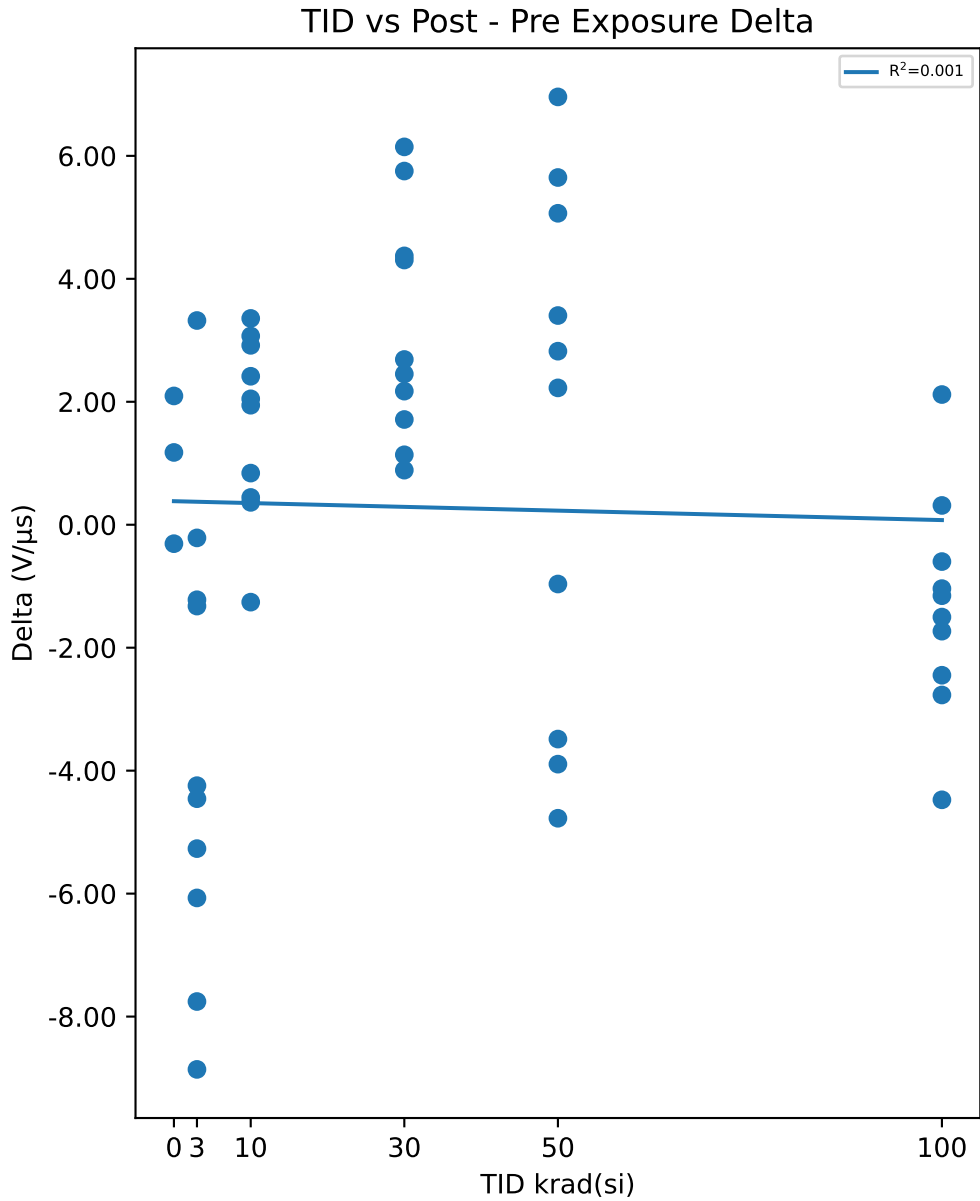
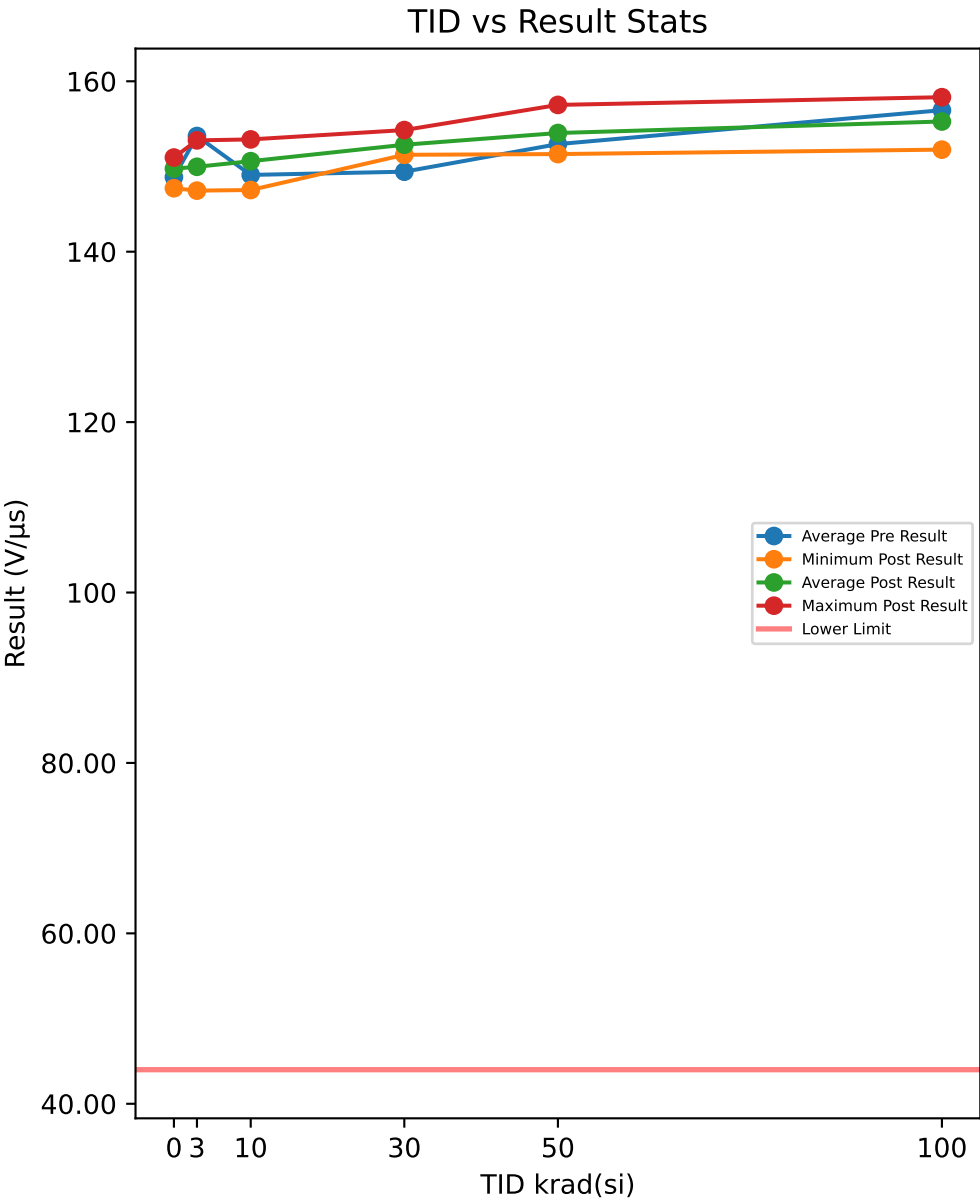
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	33.166	33.37	33.685	0.27693	32.766	33.049	33.372	0.30497	-0.676	-0.32067	0.206	0.46529
3	32.753	33.227	33.643	0.30058	32.345	33.262	34.786	0.88232	-0.967	0.0347	1.41	0.94399
10	32.399	33.017	33.957	0.48696	32.193	32.652	33.058	0.28838	-1.596	-0.3644	0.06	0.51818
30	32.422	33.581	34.712	0.67599	31.72	32.055	32.442	0.24457	-2.342	-1.5257	-0.702	0.54116
50	32.631	33.376	34.944	0.67453	30.604	31.182	32.045	0.4331	-4.34	-2.1938	-1.296	0.83335
100	32.718	33.425	34.116	0.52734	28.968	29.64	30.479	0.48903	-4.636	-3.7857	-2.922	0.55207



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	32.933	32.651	-0.282
301	0	Correlation	32.912	33.273	0.361
302	0	Correlation	32.482	32.694	0.212
303	3	Bias	33.095	32.054	-1.041
304	3	Bias	32.485	31.942	-0.543
305	3	Bias	32.793	32.249	-0.544
306	3	Bias	33.402	32.768	-0.634
307	3	Bias	32.383	32.005	-0.378
308	3	Unbiased	32.975	32.662	-0.313
309	3	Unbiased	32.502	32.398	-0.104
310	3	Unbiased	32.265	32.238	-0.027
311	3	Unbiased	32.971	32.884	-0.087
312	3	Unbiased	33.266	32.764	-0.502
313	10	Bias	32.561	32.155	-0.406
314	10	Bias	32.484	32.108	-0.376
315	10	Bias	32.586	31.996	-0.59
316	10	Bias	32.797	33.098	0.301
317	10	Bias	32.001	32.144	0.143
318	10	Unbiased	32.152	32.154	0.002
319	10	Unbiased	32.145	31.981	-0.164
320	10	Unbiased	32.599	32.396	-0.203
321	10	Unbiased	32.652	31.734	-0.918
322	10	Unbiased	32.385	32.101	-0.284
323	30	Bias	32.327	31.376	-0.951
324	30	Bias	33.391	32.078	-1.313
325	30	Bias	32.446	31.209	-1.237
326	30	Bias	33.092	31.792	-1.3
327	30	Bias	33.004	31.564	-1.44
328	30	Unbiased	33.265	31.692	-1.573
329	30	Unbiased	32.244	31.612	-0.632
330	30	Unbiased	33.822	31.717	-2.105
331	30	Unbiased	32.279	31.433	-0.846
332	30	Unbiased	32.321	31.247	-1.074
333	50	Bias	34.063	31.472	-2.591
334	50	Bias	32.571	30.453	-2.118
335	50	Bias	32.299	30.187	-2.112
336	50	Bias	32.653	30.31	-2.343
337	50	Bias	32.051	30.29	-1.761
338	50	Unbiased	33.359	31.357	-2.002
339	50	Unbiased	32.897	30.786	-2.111
340	50	Unbiased	33.123	30.494	-2.629
341	50	Unbiased	32.731	30.774	-1.957
342	50	Unbiased	32.643	30.508	-2.135
343	100	Bias	32.693	29.79	-2.903
344	100	Bias	33.214	28.985	-4.229
345	100	Bias	33.331	28.912	-4.419
346	100	Bias	32.071	28.096	-3.975
347	100	Bias	33.083	28.812	-4.271
348	100	Unbiased	32.429	28.626	-3.803
349	100	Unbiased	32.752	29.992	-2.76
350	100	Unbiased	32.963	28.527	-4.436
351	100	Unbiased	32.704	28.58	-4.124
352	100	Unbiased	35.042	29.286	-5.756

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.482	32.776	32.933	0.25454	32.651	32.873	33.273	0.34736	-0.282	0.097	0.361	0.33657
3	32.265	32.814	33.402	0.39055	31.942	32.396	32.884	0.35044	-1.041	-0.4173	-0.027	0.30678
10	32.001	32.436	32.797	0.25844	31.734	32.187	33.098	0.36137	-0.918	-0.2495	0.301	0.35502
30	32.244	32.819	33.822	0.56689	31.209	31.572	32.078	0.26597	-2.105	-1.2471	-0.632	0.41413
50	32.051	32.839	34.063	0.56976	30.187	30.663	31.472	0.44103	-2.629	-2.1759	-1.761	0.27267
100	32.071	33.028	35.042	0.79985	28.096	28.961	29.992	0.58452	-5.756	-4.0676	-2.76	0.83833

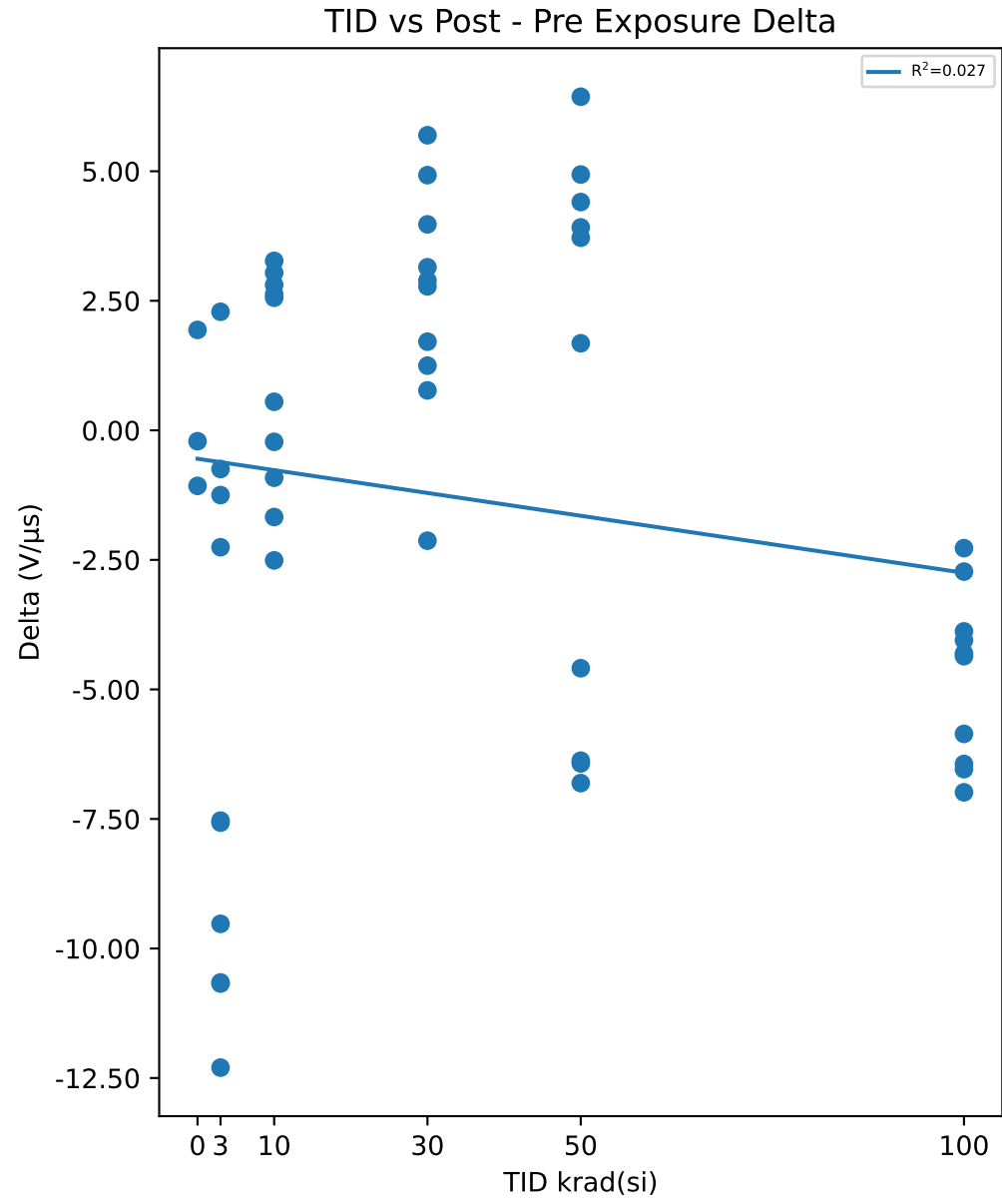
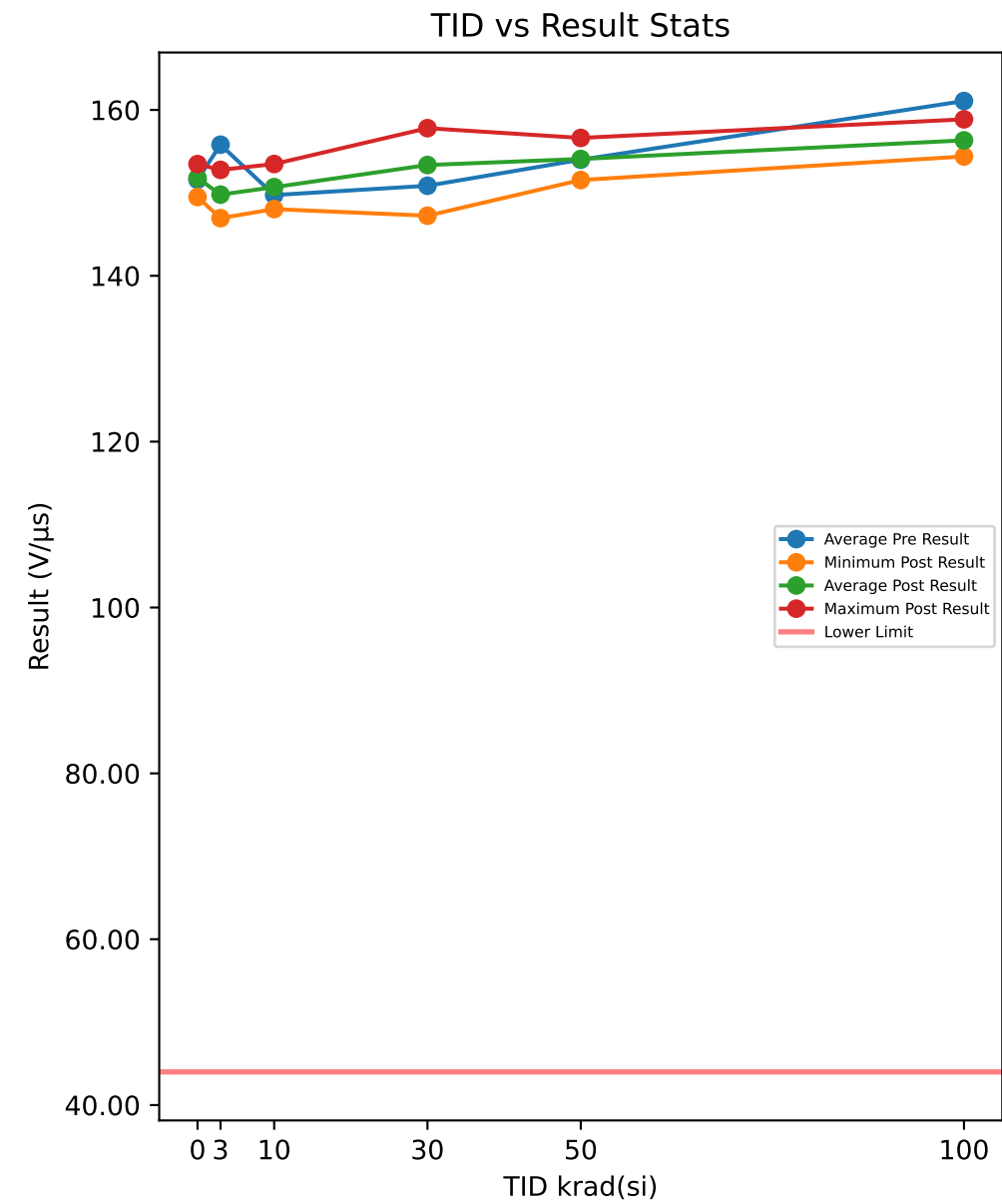


Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	148.95	151.05	2.095
301	0	Correlation	149.56	150.73	1.176
302	0	Correlation	147.76	147.45	-0.308
303	3	Bias	155.22	149.95	-5.268
304	3	Bias	152.18	147.73	-4.456
305	3	Bias	158.61	150.86	-7.755
306	3	Bias	157.91	149.05	-8.859
307	3	Bias	156.44	150.37	-6.07
308	3	Unbiased	156.57	152.32	-4.244
309	3	Unbiased	148.49	147.17	-1.323
310	3	Unbiased	150.11	148.89	-1.22
311	3	Unbiased	150.46	150.24	-0.214
312	3	Unbiased	149.74	153.06	3.322
313	10	Bias	150.8	149.54	-1.259
314	10	Bias	147.46	150.53	3.07
315	10	Bias	150.3	152.72	2.415
316	10	Bias	150.17	151.01	0.84
317	10	Bias	148.59	151.94	3.356
318	10	Unbiased	150.26	153.18	2.918
319	10	Unbiased	150.42	150.87	0.444
320	10	Unbiased	147.38	149.42	2.048
321	10	Unbiased	147.84	149.78	1.944
322	10	Unbiased	146.88	147.24	0.364
323	30	Bias	147.37	153.51	6.146
324	30	Bias	149.31	151.49	2.173
325	30	Bias	148.68	151.37	2.688
326	30	Bias	150.42	152.87	2.452
327	30	Bias	147.5	151.88	4.373
328	30	Unbiased	150.47	151.61	1.138
329	30	Unbiased	148.13	152.44	4.306
330	30	Unbiased	153.39	154.27	0.888
331	30	Unbiased	147.84	153.6	5.753
332	30	Unbiased	150.77	152.48	1.712
333	50	Bias	151.17	156.81	5.648
334	50	Bias	148.92	153.98	5.066
335	50	Bias	148.72	151.54	2.823
336	50	Bias	149.91	156.87	6.959
337	50	Bias	148.49	151.89	3.403
338	50	Unbiased	149.23	151.46	2.226
339	50	Unbiased	161.12	157.23	-3.894
340	50	Unbiased	157.26	152.48	-4.774
341	50	Unbiased	156.07	155.1	-0.964
342	50	Unbiased	155.38	151.9	-3.486
343	100	Bias	155.73	154.58	-1.154
344	100	Bias	153.61	153.92	0.314
345	100	Bias	158.27	157.24	-1.039
346	100	Bias	158.71	157.2	-1.502
347	100	Bias	156.45	151.98	-4.474
348	100	Unbiased	155.87	155.27	-0.599
349	100	Unbiased	156.01	158.13	2.118
350	100	Unbiased	157.65	155.92	-1.731
351	100	Unbiased	155.63	153.18	-2.448
352	100	Unbiased	158.15	155.38	-2.769

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	147.76	148.76	149.56	0.91663	147.45	149.74	151.05	1.9938	-0.308	0.98767	2.095	1.2125
3	148.49	153.57	158.61	3.7751	147.17	149.96	153.06	1.8568	-8.859	-3.6087	3.322	3.7294
10	146.88	149.01	150.8	1.5252	147.24	150.62	153.18	1.7526	-1.259	1.614	3.356	1.4749
30	147.37	149.39	153.39	1.8917	151.37	152.55	154.27	0.99916	0.888	3.1629	6.146	1.8699
50	148.49	152.63	161.12	4.4749	151.46	153.93	157.23	2.3899	-4.774	1.3007	6.959	4.2767
100	153.61	156.61	158.71	1.5729	151.98	155.28	158.13	1.9357	-4.474	-1.3284	2.118	1.7838

Device Test: 19.19 ; RESET_SLEW_RATE_FALL

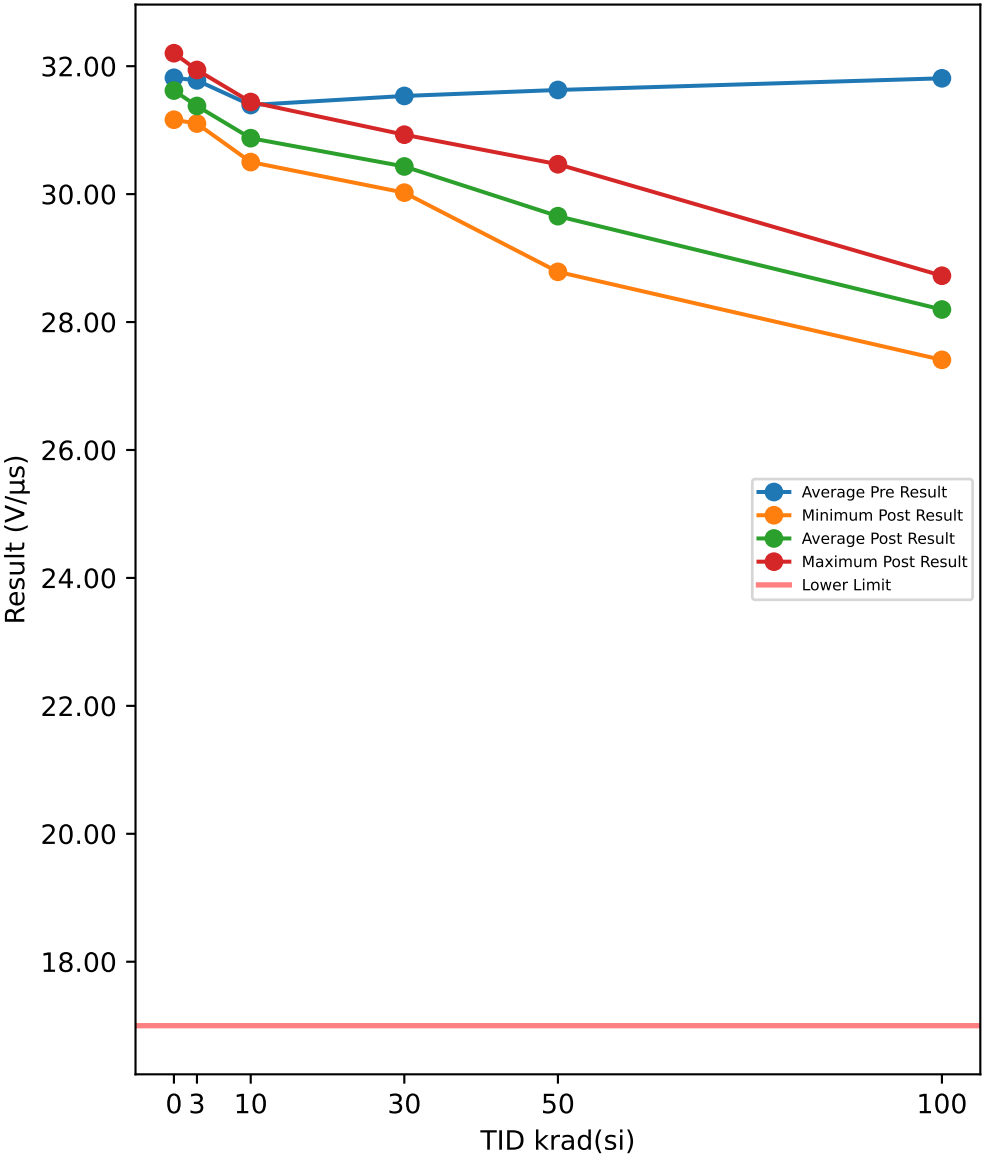


Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	150.57	149.5	-1.072
301	0	Correlation	151.53	153.47	1.938
302	0	Correlation	152.66	152.45	-0.21
303	3	Bias	159.25	146.95	-12.299
304	3	Bias	156.97	149.4	-7.571
305	3	Bias	160.31	152.77	-7.532
306	3	Bias	160.07	149.41	-10.655
307	3	Bias	160.37	149.69	-10.677
308	3	Unbiased	160.27	150.74	-9.524
309	3	Unbiased	148.33	147.58	-0.746
310	3	Unbiased	150.17	148.92	-1.25
311	3	Unbiased	149.78	152.07	2.288
312	3	Unbiased	152.59	150.33	-2.256
313	10	Bias	149.27	152.08	2.807
314	10	Bias	152.29	151.38	-0.915
315	10	Bias	150.21	153.48	3.27
316	10	Bias	149.22	151.85	2.626
317	10	Bias	148.32	150.88	2.559
318	10	Unbiased	152.56	150.05	-2.51
319	10	Unbiased	148.5	148.28	-0.222
320	10	Unbiased	149.72	148.04	-1.673
321	10	Unbiased	148.16	151.19	3.04
322	10	Unbiased	149.1	149.66	0.551
323	30	Bias	146.74	152.43	5.695
324	30	Bias	150.94	153.71	2.778
325	30	Bias	153.83	157.8	3.975
326	30	Bias	152.31	154.02	1.711
327	30	Bias	148.8	153.72	4.925
328	30	Unbiased	152.76	155.65	2.893
329	30	Unbiased	149.38	147.25	-2.13
330	30	Unbiased	154.71	155.96	1.248
331	30	Unbiased	151.1	151.87	0.771
332	30	Unbiased	148	151.15	3.147
333	50	Bias	151.51	155.92	4.406
334	50	Bias	152.28	155.99	3.717
335	50	Bias	146.61	151.55	4.937
336	50	Bias	150.49	154.41	3.916
337	50	Bias	150.19	156.63	6.438
338	50	Unbiased	150.36	152.04	1.68
339	50	Unbiased	159.23	154.63	-4.591
340	50	Unbiased	159.81	153.43	-6.375
341	50	Unbiased	159.86	153.44	-6.428
342	50	Unbiased	159.64	152.83	-6.808
343	100	Bias	163.61	157.75	-5.858
344	100	Bias	160.41	156.36	-4.051
345	100	Bias	160.55	156.67	-3.88
346	100	Bias	159.07	156.34	-2.726
347	100	Bias	163.23	158.87	-4.359
348	100	Unbiased	162.26	155.72	-6.539
349	100	Unbiased	156.66	154.39	-2.274
350	100	Unbiased	161.96	155.52	-6.439
351	100	Unbiased	159.39	155.09	-4.306
352	100	Unbiased	163.58	156.6	-6.986

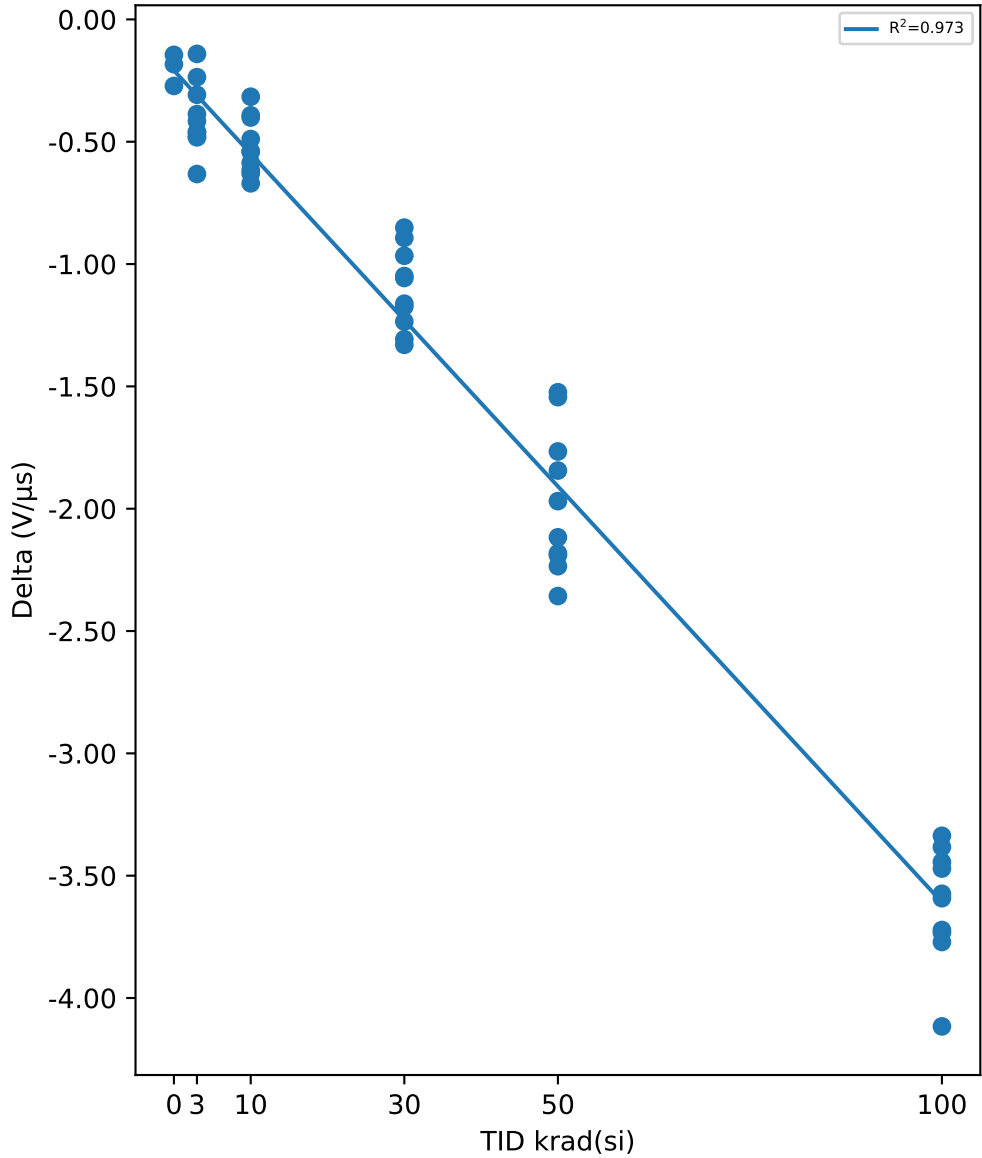
Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	150.57	151.59	152.66	1.0441	149.5	151.8	153.47	2.0614	-1.072	0.21867	1.938	1.5501
3	148.33	155.81	160.37	5.0178	146.95	149.79	152.77	1.8037	-12.299	-6.0222	2.288	5.0917
10	148.16	149.74	152.56	1.5501	148.04	150.69	153.48	1.7026	-2.51	0.9533	3.27	2.172
30	146.74	150.86	154.71	2.6037	147.25	153.36	157.8	2.9394	-2.13	2.5013	5.695	2.2492
50	146.61	154	159.86	5.0672	151.55	154.09	156.63	1.7292	-6.808	0.0892	6.438	5.4418
100	156.66	161.07	163.61	2.2754	154.39	156.33	158.87	1.2906	-6.986	-4.7418	-2.274	1.6365

TID vs Result Stats



TID vs Post - Pre Exposure Delta



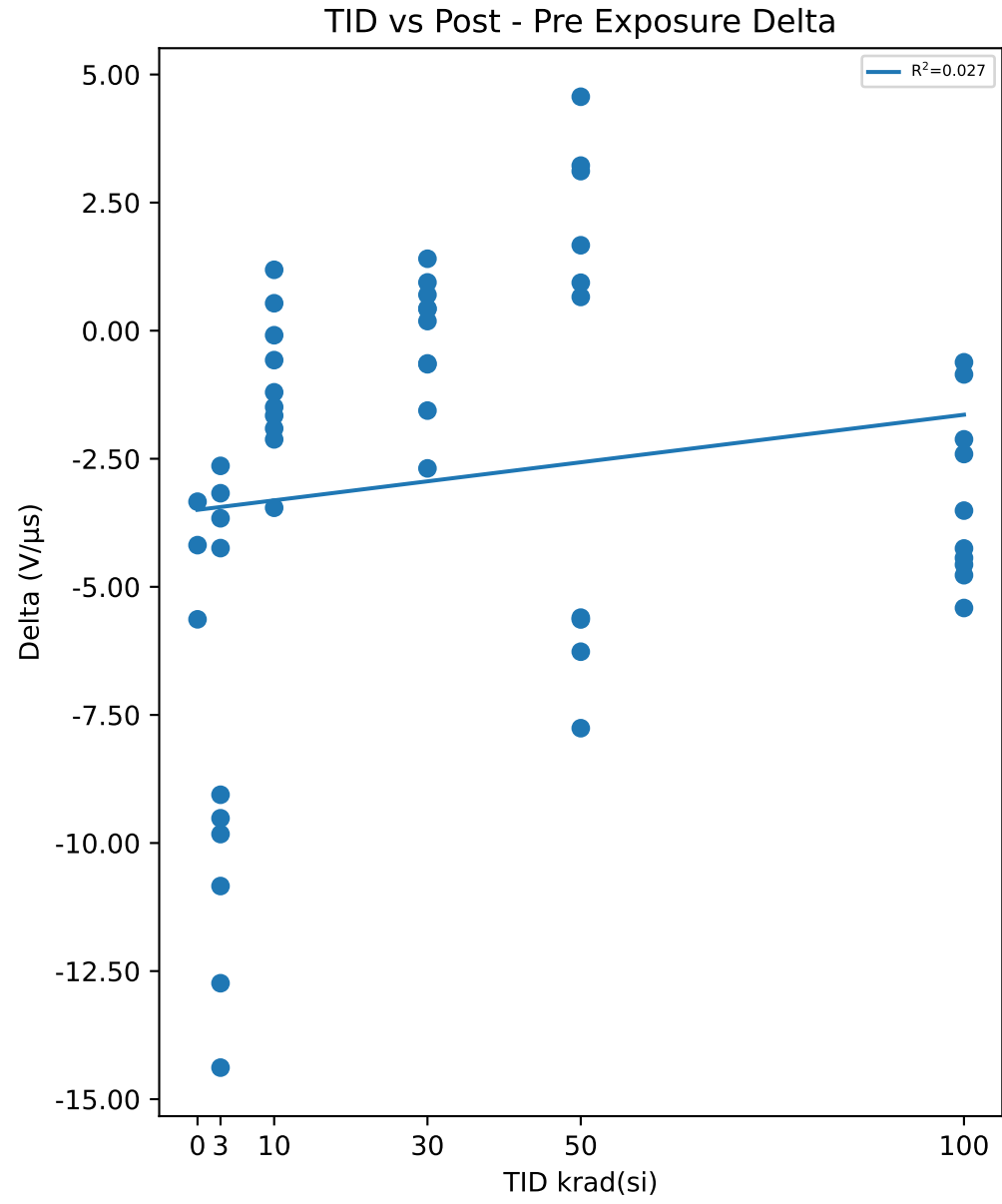
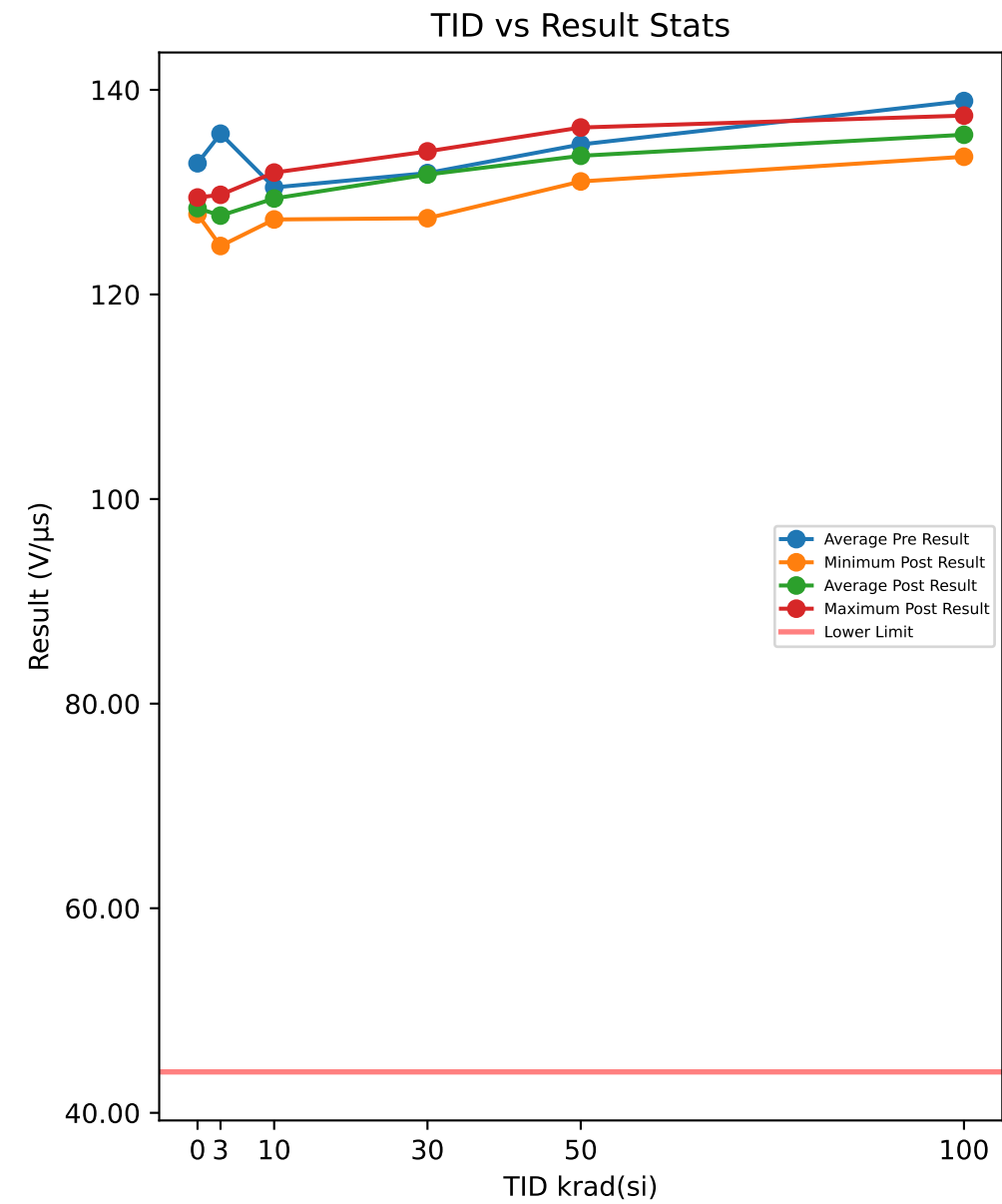
Test Results (Lower Limit = 17.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	31.762	31.49	-0.272
301	0	Correlation	32.386	32.203	-0.183
302	0	Correlation	31.308	31.163	-0.145
303	3	Bias	31.667	31.251	-0.416
304	3	Bias	31.582	31.103	-0.479
305	3	Bias	31.935	31.303	-0.632
306	3	Bias	31.764	31.282	-0.482
307	3	Bias	31.617	31.156	-0.461
308	3	Unbiased	31.764	31.303	-0.461
309	3	Unbiased	31.594	31.453	-0.141
310	3	Unbiased	31.491	31.104	-0.387
311	3	Unbiased	32.19	31.882	-0.308
312	3	Unbiased	32.177	31.941	-0.236
313	10	Bias	31.526	30.91	-0.616
314	10	Bias	31.577	31.088	-0.489
315	10	Bias	31.131	30.501	-0.63
316	10	Bias	31.981	31.44	-0.541
317	10	Bias	31.101	30.515	-0.586
318	10	Unbiased	31.507	30.968	-0.539
319	10	Unbiased	31.088	30.772	-0.316
320	10	Unbiased	31.402	30.732	-0.67
321	10	Unbiased	31.175	30.783	-0.392
322	10	Unbiased	31.437	31.036	-0.401
323	30	Bias	31.319	30.27	-1.049
324	30	Bias	31.635	30.742	-0.893
325	30	Bias	31.34	30.033	-1.307
326	30	Bias	31.986	30.929	-1.057
327	30	Bias	31.296	30.122	-1.174
328	30	Unbiased	31.507	30.541	-0.966
329	30	Unbiased	31.316	30.465	-0.851
330	30	Unbiased	32.226	30.896	-1.33
331	30	Unbiased	31.463	30.301	-1.162
332	30	Unbiased	31.258	30.023	-1.235
333	50	Bias	31.987	30.443	-1.544
334	50	Bias	31.395	29.629	-1.766
335	50	Bias	31.17	29.326	-1.844
336	50	Bias	31.372	29.403	-1.969
337	50	Bias	30.967	28.785	-2.182
338	50	Unbiased	31.991	30.467	-1.524
339	50	Unbiased	31.936	29.701	-2.235
340	50	Unbiased	31.689	29.499	-2.19
341	50	Unbiased	31.867	29.75	-2.117
342	50	Unbiased	31.908	29.551	-2.357
343	100	Bias	32.03	28.586	-3.444
344	100	Bias	31.842	28.268	-3.574
345	100	Bias	32.278	28.162	-4.116
346	100	Bias	31.131	27.409	-3.722
347	100	Bias	31.508	27.737	-3.771
348	100	Unbiased	31.901	28.518	-3.383
349	100	Unbiased	31.842	28.505	-3.337
350	100	Unbiased	31.966	28.233	-3.733
351	100	Unbiased	31.412	27.82	-3.592
352	100	Unbiased	32.195	28.724	-3.471

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	31.308	31.819	32.386	0.54123	31.163	31.619	32.203	0.5318	-0.272	-0.2	-0.145	0.065184
3	31.491	31.778	32.19	0.2465	31.103	31.378	31.941	0.30059	-0.632	-0.4003	-0.141	0.14028
10	31.088	31.393	31.981	0.28023	30.501	30.875	31.44	0.28075	-0.67	-0.518	-0.316	0.11646
30	31.258	31.535	32.226	0.32717	30.023	30.432	30.929	0.3395	-1.33	-1.1024	-0.851	0.16683
50	30.967	31.628	31.991	0.37435	28.785	29.655	30.467	0.50066	-2.357	-1.9728	-1.524	0.29302
100	31.131	31.811	32.278	0.35916	27.409	28.196	28.724	0.42285	-4.116	-3.6143	-3.337	0.2319

Device Test: 19.20 ; RESET_SLEW_RATE_FALL

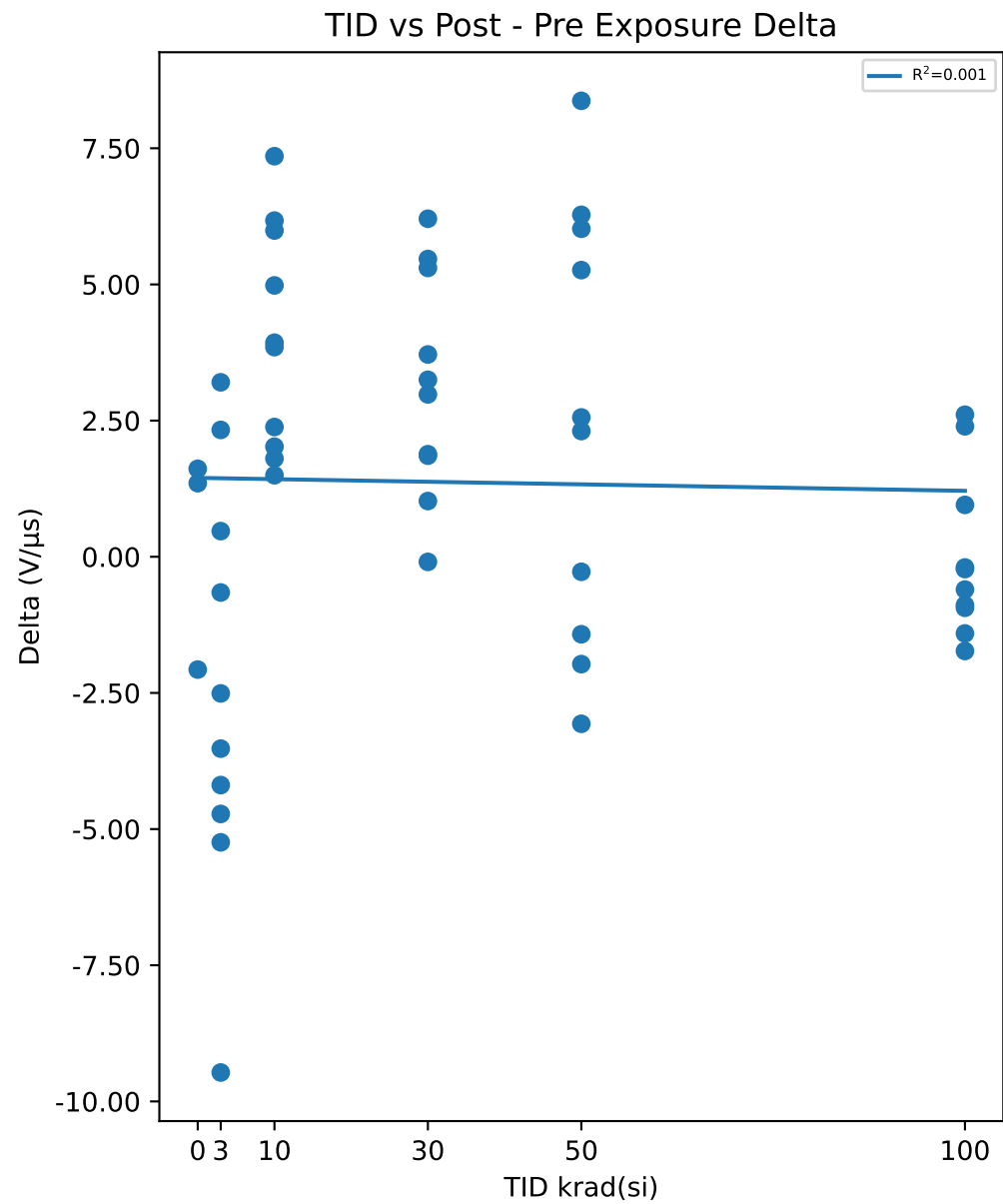
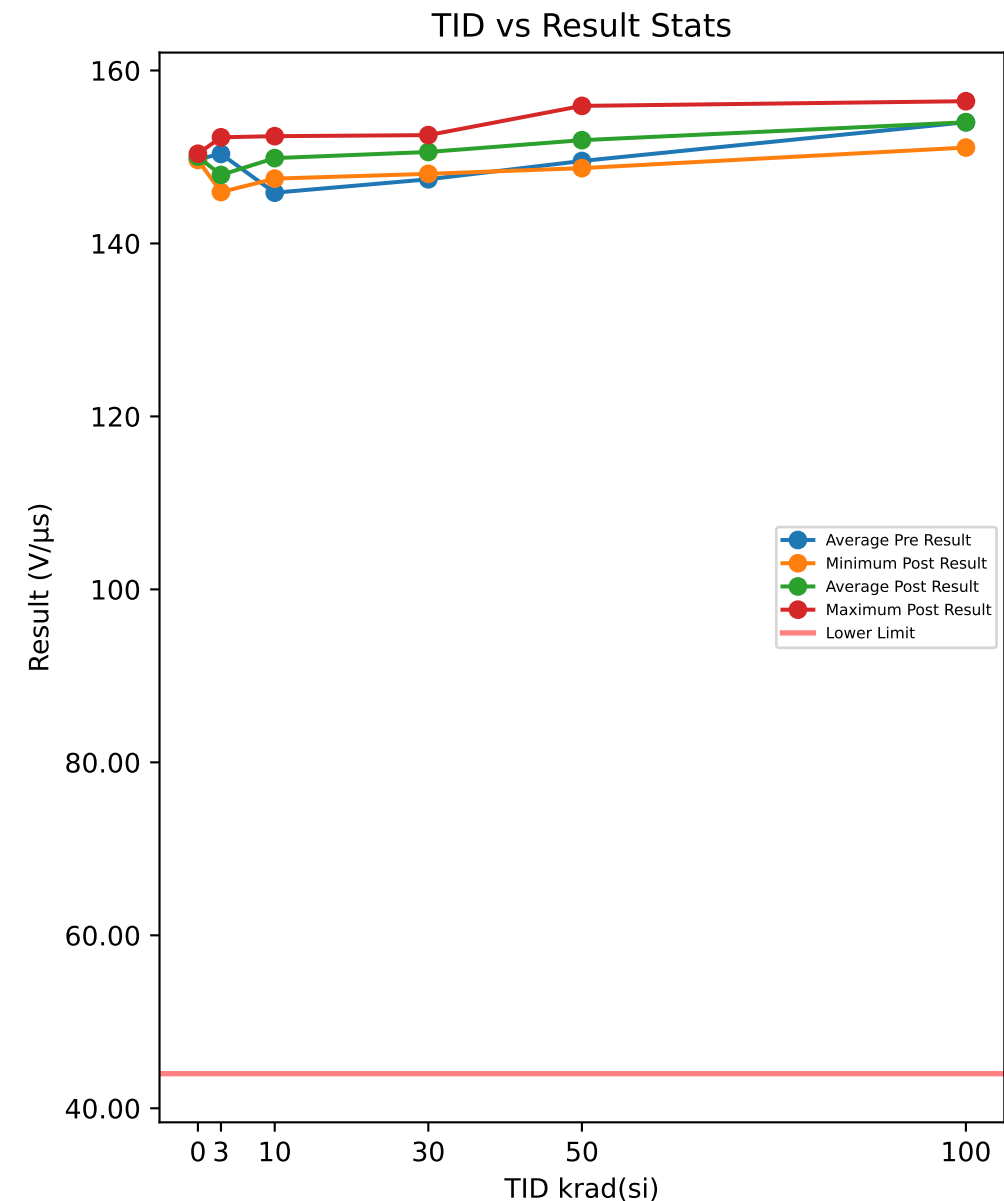


Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	131.34	128	-3.338
301	0	Correlation	132.03	127.84	-4.186
302	0	Correlation	135.11	129.48	-5.634
303	3	Bias	140.1	125.71	-14.384
304	3	Bias	137.47	124.74	-12.737
305	3	Bias	139.34	129.52	-9.826
306	3	Bias	138.58	127.74	-10.84
307	3	Bias	137.58	128.06	-9.517
308	3	Unbiased	136.96	127.91	-9.058
309	3	Unbiased	130.87	126.62	-4.244
310	3	Unbiased	130.93	128.29	-2.639
311	3	Unbiased	132.4	128.74	-3.662
312	3	Unbiased	132.91	129.74	-3.173
313	10	Bias	130.18	128.97	-1.203
314	10	Bias	131.38	131.91	0.535
315	10	Bias	132.83	131.17	-1.658
316	10	Bias	131.28	127.82	-3.457
317	10	Bias	130.17	130.09	-0.089
318	10	Unbiased	131.54	130.05	-1.491
319	10	Unbiased	129.09	128.51	-0.575
320	10	Unbiased	129.24	127.33	-1.91
321	10	Unbiased	128.34	129.53	1.188
322	10	Unbiased	130.56	128.44	-2.122
323	30	Bias	129.11	128.45	-0.656
324	30	Bias	132.56	133	0.432
325	30	Bias	132.78	133.49	0.7
326	30	Bias	132.64	133.07	0.424
327	30	Bias	131.04	132.45	1.404
328	30	Unbiased	133.8	133.99	0.187
329	30	Unbiased	129.01	127.45	-1.56
330	30	Unbiased	135.66	132.97	-2.688
331	30	Unbiased	130.68	131.62	0.942
332	30	Unbiased	131.37	130.73	-0.639
333	50	Bias	134.8	135.46	0.658
334	50	Bias	132.87	136.09	3.222
335	50	Bias	129.82	132.94	3.114
336	50	Bias	130.28	134.85	4.566
337	50	Bias	131.18	132.84	1.667
338	50	Unbiased	130.11	131.05	0.936
339	50	Unbiased	141.96	136.32	-5.637
340	50	Unbiased	137.85	131.59	-6.266
341	50	Unbiased	137.23	131.62	-5.601
342	50	Unbiased	140.55	132.79	-7.759
343	100	Bias	138.32	134.81	-3.512
344	100	Bias	139.89	137.48	-2.408
345	100	Bias	141.21	136.44	-4.773
346	100	Bias	137.47	135.35	-2.121
347	100	Bias	137.18	136.57	-0.617
348	100	Unbiased	139.18	133.77	-5.413
349	100	Unbiased	138.03	133.46	-4.567
350	100	Unbiased	140.01	135.76	-4.251
351	100	Unbiased	136.17	135.32	-0.854
352	100	Unbiased	141.6	137.16	-4.436

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	131.34	132.82	135.11	2.0107	127.84	128.44	129.48	0.90355	-5.634	-4.386	-3.338	1.161
3	130.87	135.72	140.1	3.5574	124.74	127.71	129.74	1.5969	-14.384	-8.008	-2.639	4.2555
10	128.34	130.46	132.83	1.3472	127.33	129.38	131.91	1.4551	-3.457	-1.0782	1.188	1.3716
30	129.01	131.87	135.66	2.0589	127.45	131.72	133.99	2.2032	-2.688	-0.1454	1.404	1.2488
50	129.82	134.66	141.96	4.5131	131.05	133.55	136.32	1.9643	-7.759	-1.11	4.566	4.6584
100	136.17	138.91	141.6	1.7777	133.46	135.61	137.48	1.3477	-5.413	-3.2952	-0.617	1.6946

Device Test: 19.21 ; RESET_SLEW_RATE_FALL

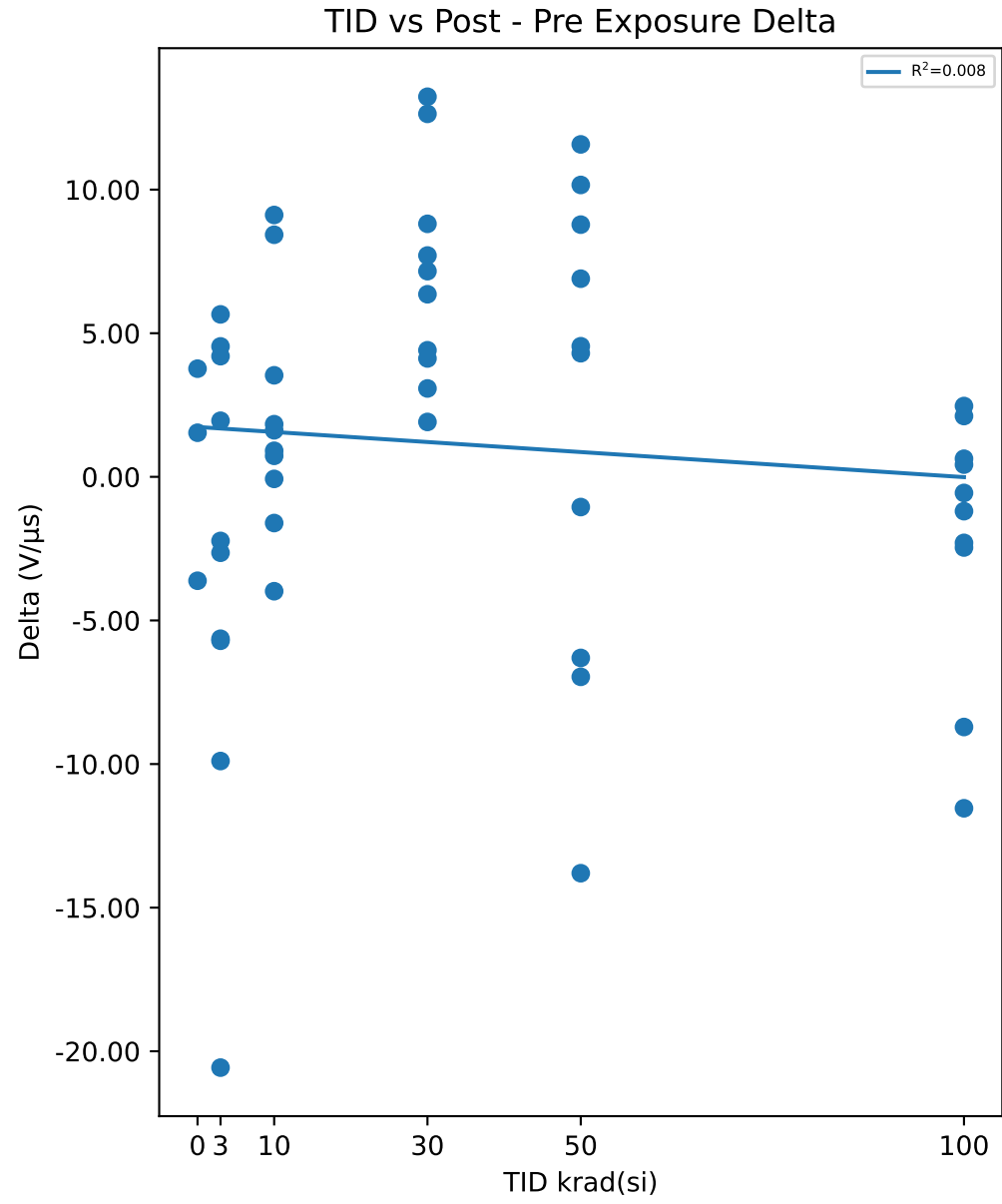
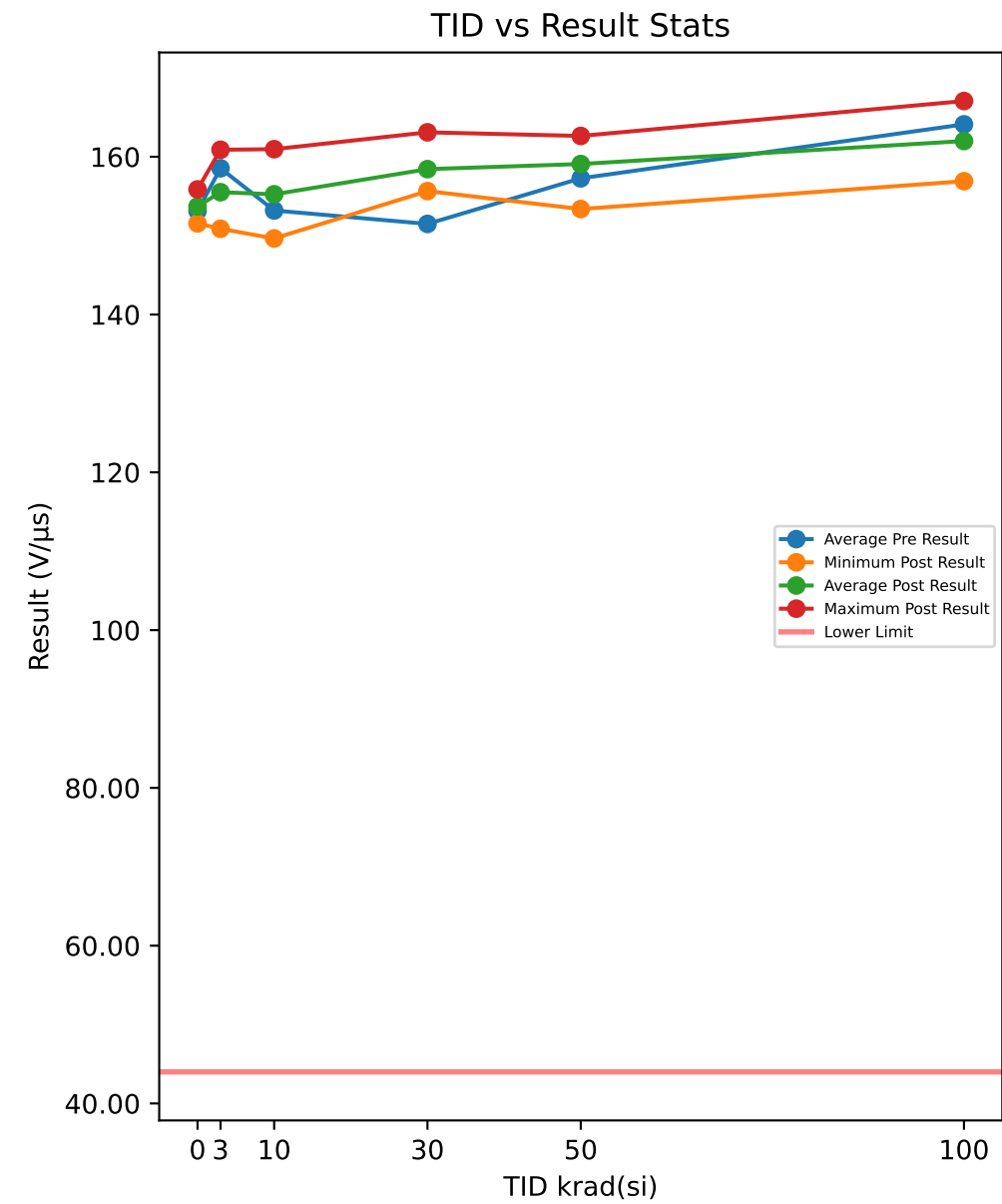


Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	149.02	150.37	1.351
301	0	Correlation	151.72	149.65	-2.071
302	0	Correlation	148.48	150.09	1.615
303	3	Bias	151.07	147.54	-3.523
304	3	Bias	151.53	146.28	-5.243
305	3	Bias	157.97	148.51	-9.469
306	3	Bias	152.14	147.41	-4.722
307	3	Bias	151.08	146.89	-4.192
308	3	Unbiased	150.12	147.61	-2.509
309	3	Unbiased	144.54	146.87	2.329
310	3	Unbiased	145.47	145.94	0.471
311	3	Unbiased	149.07	152.27	3.203
312	3	Unbiased	150.53	149.87	-0.656
313	10	Bias	147.72	151.65	3.93
314	10	Bias	146.23	152.4	6.172
315	10	Bias	147.72	149.52	1.803
316	10	Bias	147.31	148.8	1.497
317	10	Bias	143.61	149.6	5.99
318	10	Unbiased	146.25	151.23	4.982
319	10	Unbiased	145.27	149.12	3.849
320	10	Unbiased	145.11	147.5	2.382
321	10	Unbiased	143.34	150.69	7.354
322	10	Unbiased	146.14	148.16	2.021
323	30	Bias	143.68	149.15	5.467
324	30	Bias	149.28	152.53	3.249
325	30	Bias	150.1	151.99	1.883
326	30	Bias	148.24	149.26	1.023
327	30	Bias	145.05	150.35	5.303
328	30	Unbiased	150.57	150.47	-0.094
329	30	Unbiased	144.34	148.05	3.714
330	30	Unbiased	150.66	152.52	1.856
331	30	Unbiased	145.67	151.88	6.206
332	30	Unbiased	146.59	149.57	2.981
333	50	Bias	150.03	152.59	2.558
334	50	Bias	146.26	154.63	8.371
335	50	Bias	142.69	148.71	6.022
336	50	Bias	147.34	153.62	6.278
337	50	Bias	144.85	150.12	5.263
338	50	Unbiased	147.44	149.74	2.308
339	50	Unbiased	157.88	155.91	-1.971
340	50	Unbiased	153.55	152.13	-1.423
341	50	Unbiased	150.9	150.62	-0.276
342	50	Unbiased	154.43	151.36	-3.067
343	100	Bias	156.51	155.91	-0.602
344	100	Bias	154.17	153.23	-0.937
345	100	Bias	155.37	153.96	-1.408
346	100	Bias	152.01	151.81	-0.197
347	100	Bias	152.34	154.95	2.608
348	100	Unbiased	154.05	156.45	2.395
349	100	Unbiased	151.31	151.09	-0.226
350	100	Unbiased	154.23	153.34	-0.888
351	100	Unbiased	153.34	154.29	0.952
352	100	Unbiased	156.82	155.09	-1.73

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	148.48	149.74	151.72	1.7394	149.65	150.04	150.37	0.3615	-2.071	0.29833	1.615	2.0561
3	144.54	150.35	157.97	3.698	145.94	147.92	152.27	1.8963	-9.469	-2.4311	3.203	3.8436
10	143.34	145.87	147.72	1.5518	147.5	149.87	152.4	1.5833	1.497	3.998	7.354	2.0695
30	143.68	147.42	150.66	2.6778	148.05	150.58	152.53	1.5801	-0.094	3.1588	6.206	2.0555
50	142.69	149.54	157.88	4.721	148.71	151.94	155.91	2.2823	-3.067	2.4063	8.371	3.9834
100	151.31	154.02	156.82	1.8434	151.09	154.01	156.45	1.703	-1.73	-0.0033	2.608	1.5106

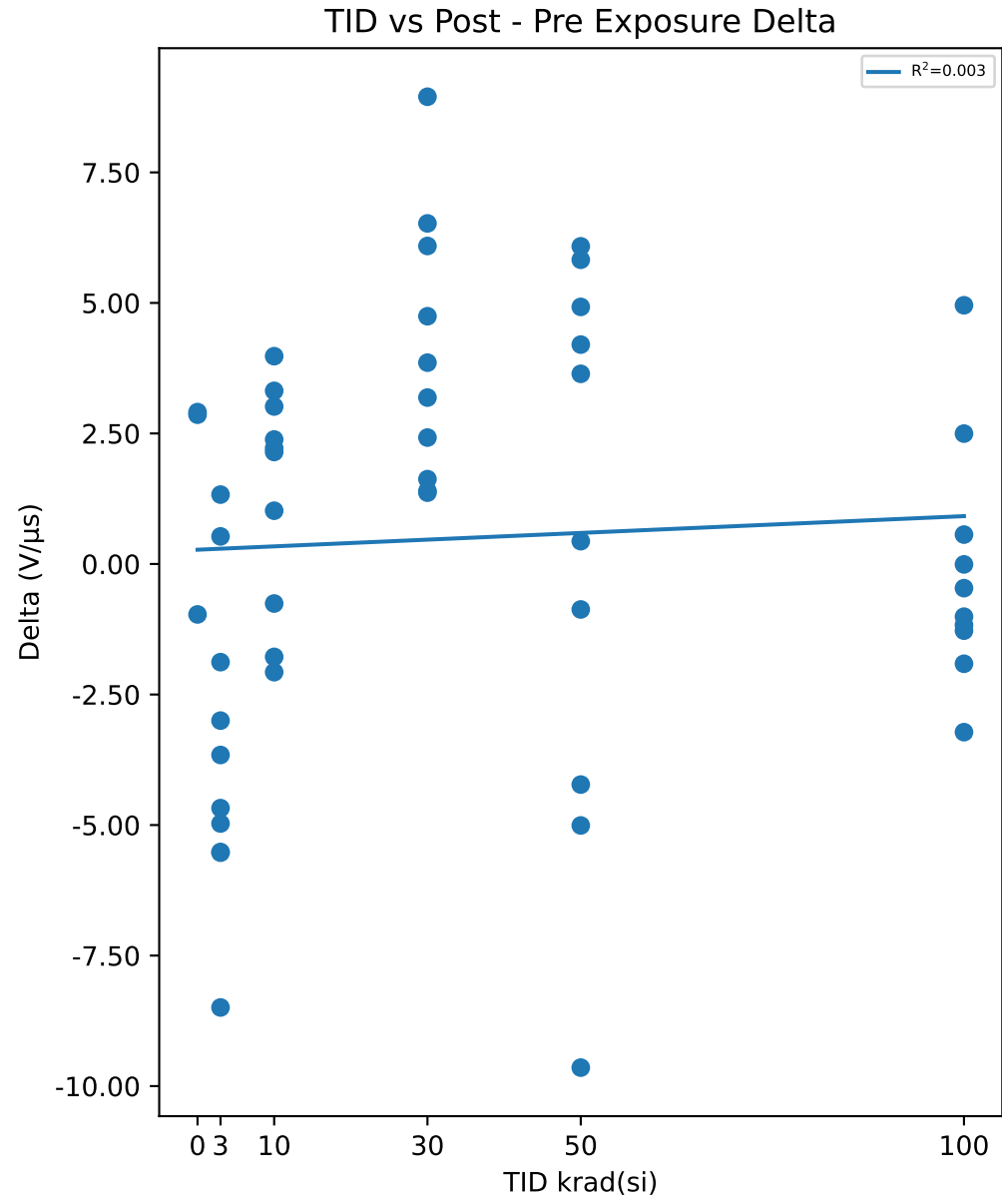
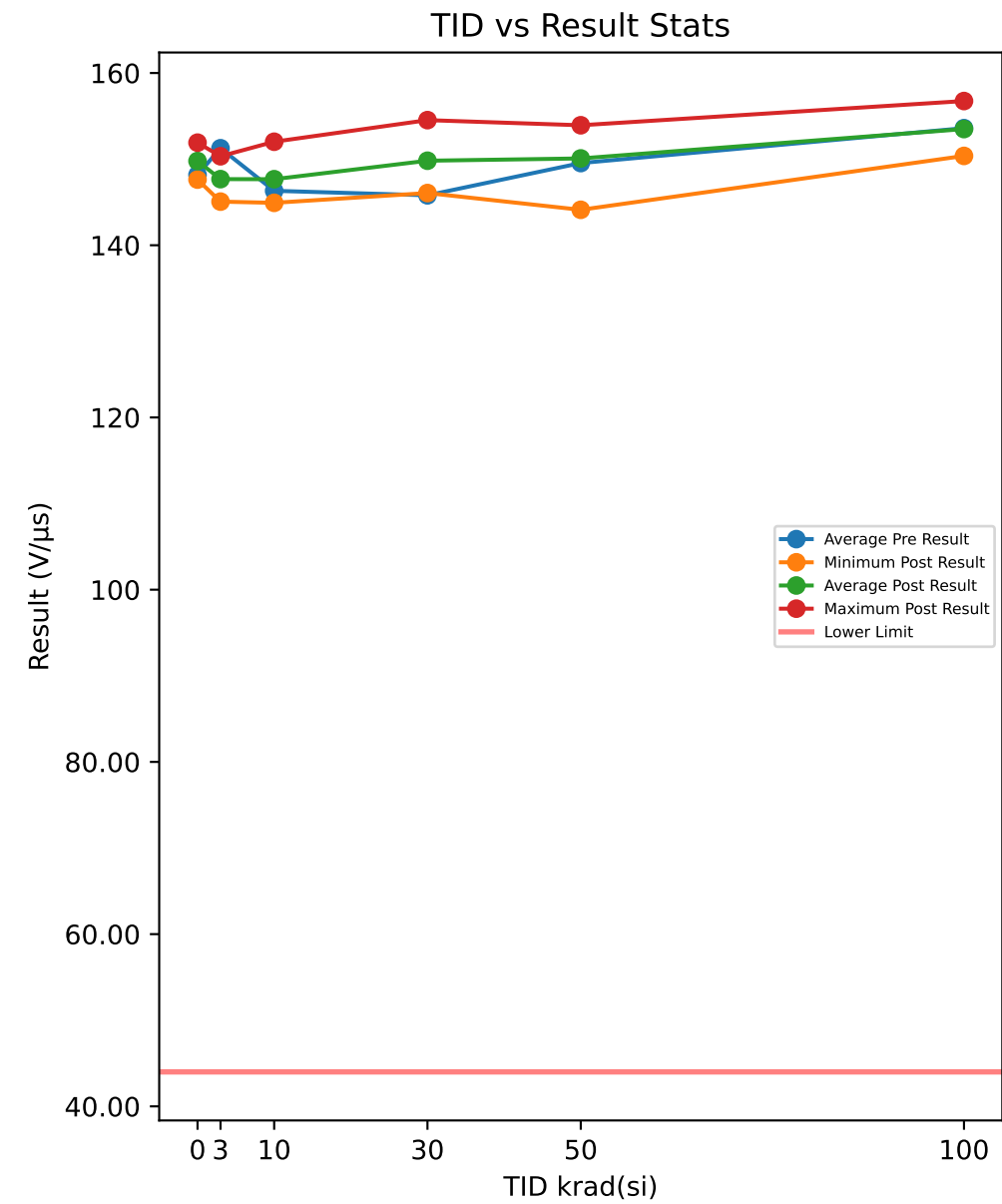
Device Test: 19.22 ; PWRGD_SLEW_RATE_FALL



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	155.17	151.56	-3.618
301	0	Correlation	152.13	153.66	1.535
302	0	Correlation	152.1	155.87	3.766
303	3	Bias	160.77	150.87	-9.895
304	3	Bias	155.16	152.93	-2.232
305	3	Bias	158.94	160.89	1.953
306	3	Bias	160.2	154.56	-5.637
307	3	Bias	158.81	156.17	-2.643
308	3	Unbiased	175.07	154.5	-20.57
309	3	Unbiased	152.7	156.9	4.201
310	3	Unbiased	150.2	154.74	4.541
311	3	Unbiased	154.77	160.42	5.656
312	3	Unbiased	158.82	153.11	-5.708
313	10	Bias	151.31	159.74	8.429
314	10	Bias	156.2	157.11	0.907
315	10	Bias	155.36	151.38	-3.983
316	10	Bias	154.55	152.94	-1.609
317	10	Bias	151.96	152.69	0.731
318	10	Unbiased	153.92	157.46	3.535
319	10	Unbiased	149.72	149.65	-0.072
320	10	Unbiased	151.84	160.96	9.117
321	10	Unbiased	151.38	153.22	1.833
322	10	Unbiased	155.67	157.29	1.62
323	30	Bias	146.57	159.8	13.234
324	30	Bias	150.11	156.47	6.357
325	30	Bias	152.01	156.14	4.122
326	30	Bias	150.46	163.1	12.638
327	30	Bias	151.55	160.36	8.809
328	30	Unbiased	156.5	158.41	1.911
329	30	Unbiased	151.89	159.59	7.706
330	30	Unbiased	152.59	155.66	3.077
331	30	Unbiased	151.97	159.13	7.161
332	30	Unbiased	151.24	155.65	4.407
333	50	Bias	155.05	161.95	6.899
334	50	Bias	149.85	160.02	10.163
335	50	Bias	151.06	162.64	11.575
336	50	Bias	155.81	160.12	4.304
337	50	Bias	148.28	157.06	8.781
338	50	Unbiased	148.83	153.37	4.547
339	50	Unbiased	174.6	160.79	-13.801
340	50	Unbiased	159.71	153.4	-6.305
341	50	Unbiased	167.14	160.18	-6.963
342	50	Unbiased	162.34	161.28	-1.052
343	100	Bias	173.24	161.7	-11.54
344	100	Bias	166.31	165.11	-1.196
345	100	Bias	164.6	167.06	2.465
346	100	Bias	158.43	158.85	0.425
347	100	Bias	169.04	166.74	-2.3
348	100	Unbiased	166.96	158.25	-8.71
349	100	Unbiased	157.46	156.9	-0.561
350	100	Unbiased	161.2	163.31	2.117
351	100	Unbiased	159.83	160.46	0.63
352	100	Unbiased	164.03	161.57	-2.461

Test Statistics (V/μs)

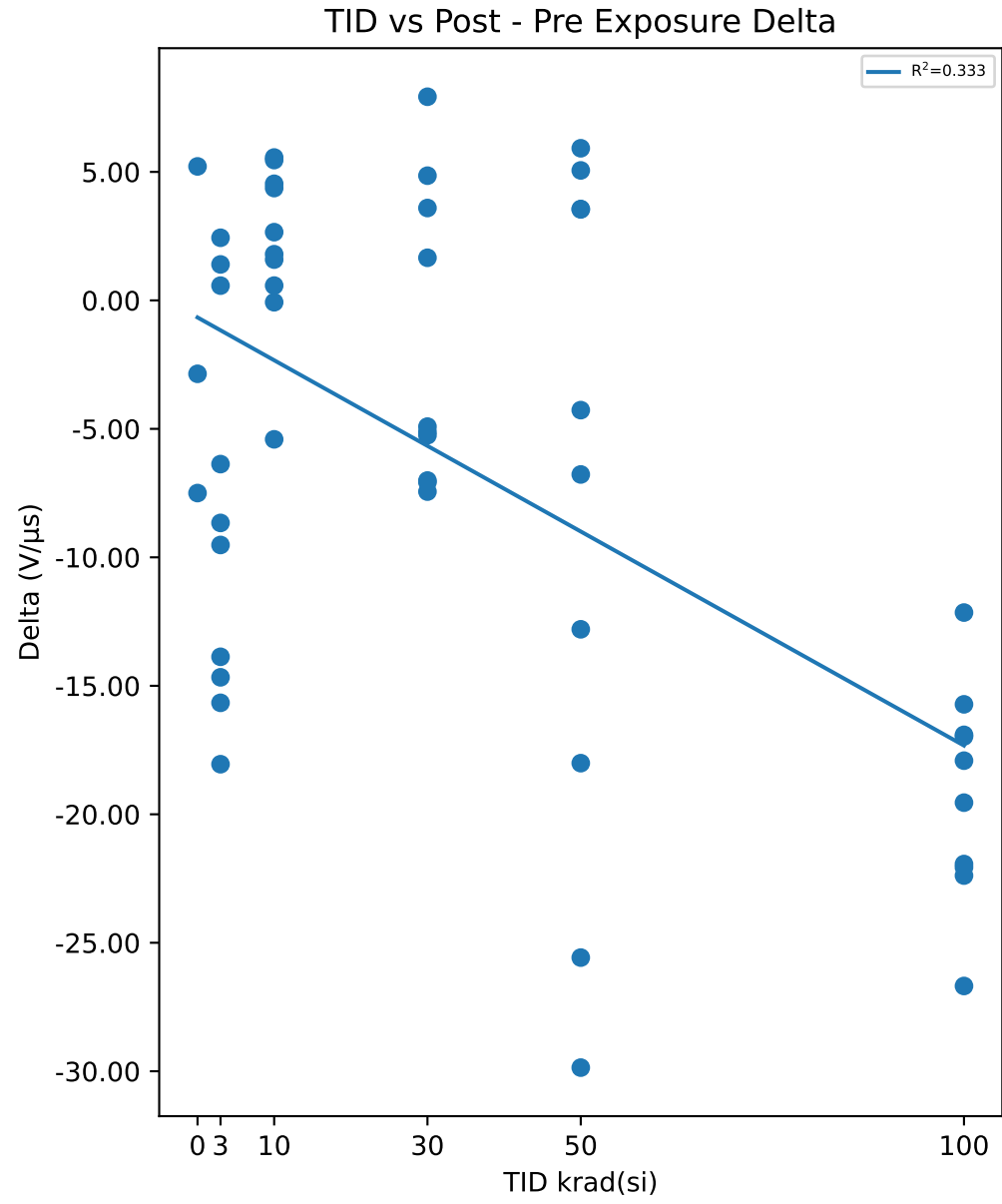
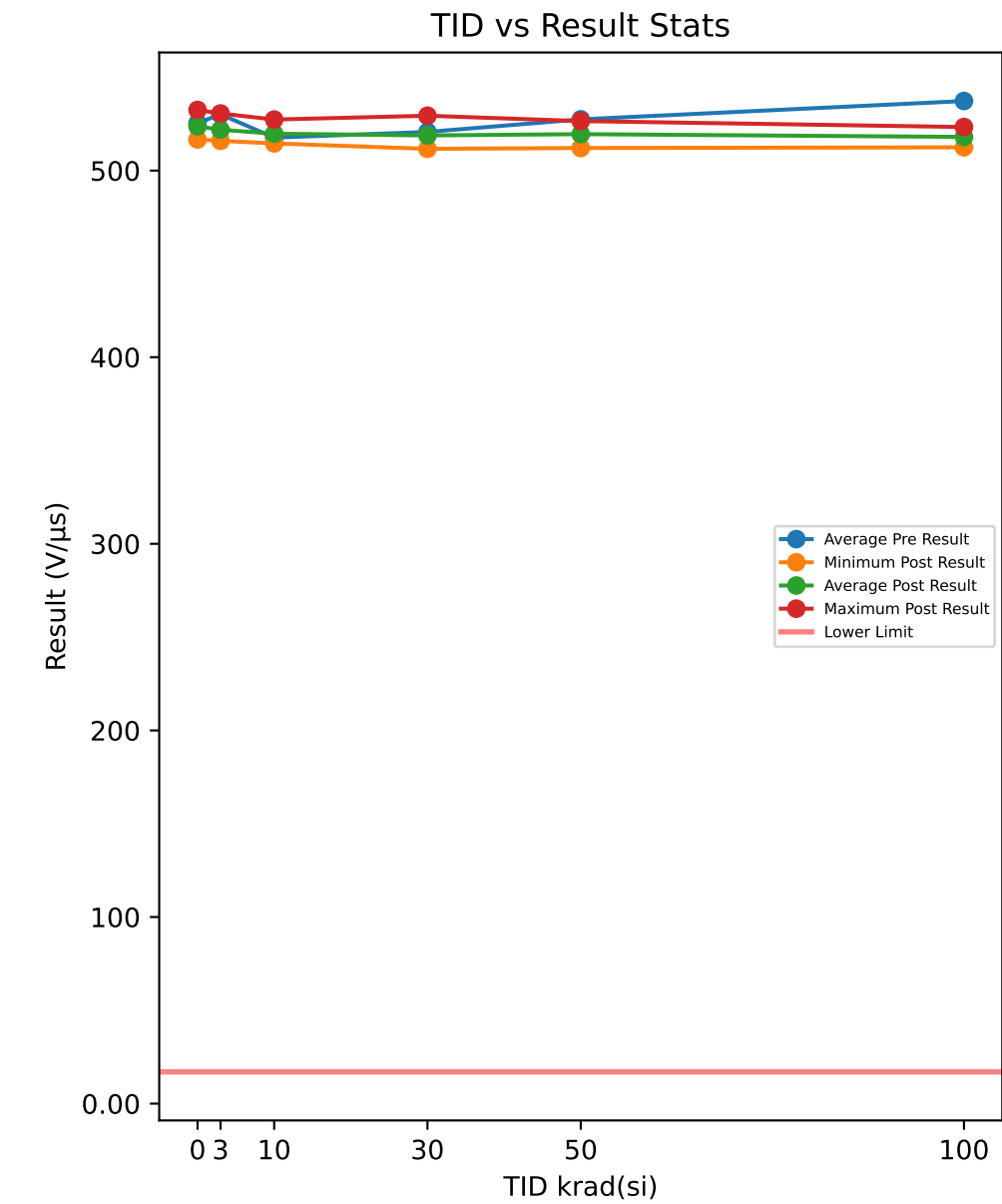
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	152.1	153.13	155.17	1.7673	151.56	153.69	155.87	2.1547	-3.618	0.561	3.766	3.7871
3	150.2	158.54	175.07	6.7533	150.87	155.51	160.89	3.1954	-20.57	-3.0334	5.656	8.0237
10	149.72	153.19	156.2	2.2232	149.65	155.24	160.96	3.7671	-3.983	2.0508	9.117	4.088
30	146.57	151.49	156.5	2.4548	155.65	158.43	163.1	2.4437	1.911	6.9422	13.234	3.8169
50	148.28	157.27	174.6	8.7048	153.37	159.08	162.64	3.3458	-13.801	1.8148	11.575	8.4856
100	157.46	164.11	173.24	4.9909	156.9	162	167.06	3.5296	-11.54	-2.1131	2.465	4.5779



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	144.71	147.62	2.909
301	0	Correlation	150.77	149.8	-0.966
302	0	Correlation	149.05	151.91	2.859
303	3	Bias	151.75	146.22	-5.529
304	3	Bias	153.05	148.37	-4.676
305	3	Bias	157	148.51	-8.494
306	3	Bias	154.23	149.26	-4.971
307	3	Bias	152.46	146.94	-5.516
308	3	Unbiased	153.99	150.33	-3.658
309	3	Unbiased	148.06	145.06	-3
310	3	Unbiased	144.91	145.44	0.528
311	3	Unbiased	148.13	149.46	1.329
312	3	Unbiased	149.06	147.18	-1.88
313	10	Bias	144.21	147.23	3.016
314	10	Bias	148.04	152.02	3.98
315	10	Bias	146.66	147.68	1.02
316	10	Bias	147.51	145.74	-1.779
317	10	Bias	148.26	147.5	-0.757
318	10	Unbiased	147.01	149.16	2.145
319	10	Unbiased	143.26	145.65	2.384
320	10	Unbiased	147.33	149.55	2.217
321	10	Unbiased	147	144.93	-2.072
322	10	Unbiased	143.94	147.25	3.316
323	30	Bias	145.92	147.28	1.366
324	30	Bias	144.98	148.17	3.187
325	30	Bias	148.07	150.5	2.421
326	30	Bias	144.44	150.53	6.091
327	30	Bias	145.58	154.53	8.949
328	30	Unbiased	147.58	151.44	3.856
329	30	Unbiased	149.13	153.87	4.745
330	30	Unbiased	145.79	147.19	1.4
331	30	Unbiased	142.06	148.58	6.523
332	30	Unbiased	144.44	146.06	1.625
333	50	Bias	147.85	153.93	6.084
334	50	Bias	148.8	152.44	3.642
335	50	Bias	145.07	149.99	4.924
336	50	Bias	147.53	151.74	4.202
337	50	Bias	146.83	152.66	5.827
338	50	Unbiased	148.08	148.52	0.437
339	50	Unbiased	154.33	149.32	-5.008
340	50	Unbiased	148.34	144.12	-4.225
341	50	Unbiased	151.27	150.4	-0.871
342	50	Unbiased	157.33	147.69	-9.646
343	100	Bias	157.21	156.75	-0.463
344	100	Bias	150.65	153.15	2.497
345	100	Bias	152.56	153.13	0.563
346	100	Bias	157.51	154.29	-3.221
347	100	Bias	157.1	155.19	-1.911
348	100	Unbiased	154.51	153.24	-1.277
349	100	Unbiased	151.72	150.55	-1.168
350	100	Unbiased	149.83	154.78	4.955
351	100	Unbiased	150.38	150.37	-0.008
352	100	Unbiased	154.49	153.48	-1.009

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	144.71	148.18	150.77	3.1206	147.62	149.78	151.91	2.1456	-0.966	1.6007	2.909	2.2229
3	144.91	151.26	157	3.641	145.06	147.68	150.33	1.7841	-8.494	-3.5867	1.329	2.9634
10	143.26	146.32	148.26	1.8167	144.93	147.67	152.02	2.1197	-2.072	1.347	3.98	2.1618
30	142.06	145.8	149.13	2.051	146.06	149.81	154.53	2.8645	1.366	4.0163	8.949	2.5451
50	145.07	149.54	157.33	3.7272	144.12	150.08	153.93	2.8717	-9.646	0.5366	6.084	5.3767
100	149.83	153.6	157.51	2.9831	150.37	153.49	156.75	1.9569	-3.221	-0.1042	4.955	2.3393

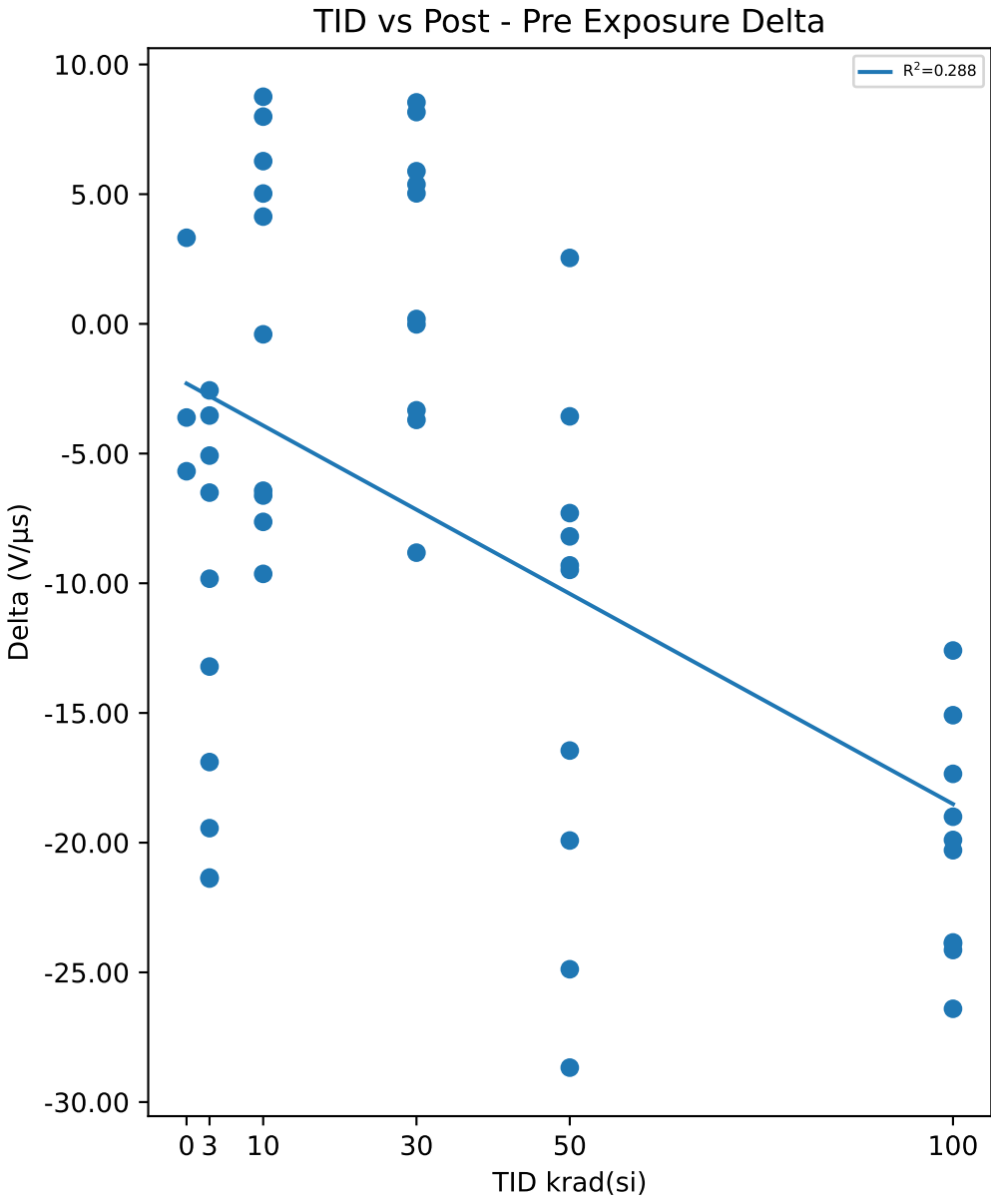
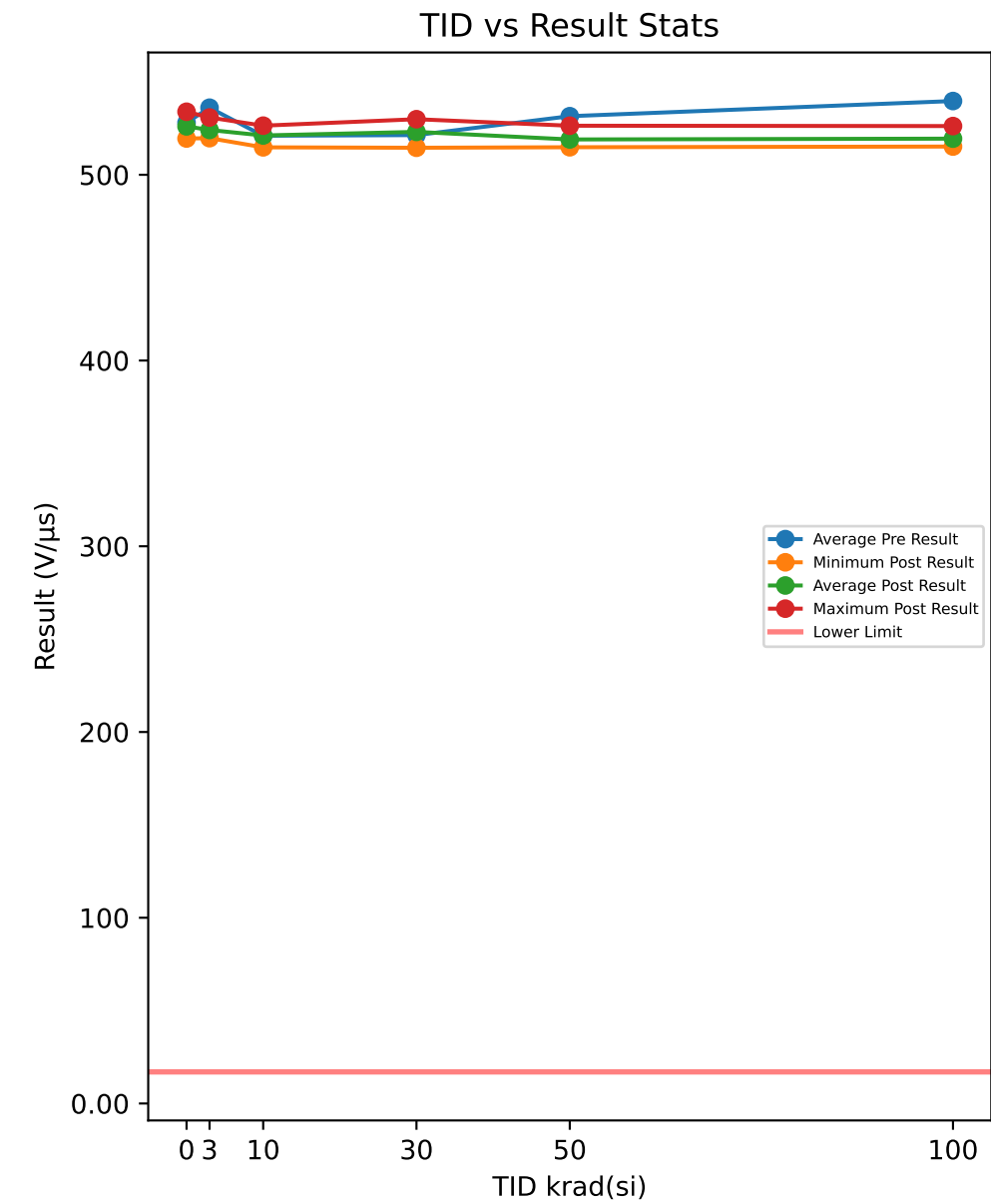


Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	516.71	521.92	5.214
301	0	Correlation	535.37	532.51	-2.858
302	0	Correlation	524.15	516.65	-7.499
303	3	Bias	536.77	521.11	-15.662
304	3	Bias	527.75	518.23	-9.519
305	3	Bias	527.81	519.15	-8.661
306	3	Bias	535.39	521.52	-13.871
307	3	Bias	533.29	518.62	-14.669
308	3	Unbiased	541.73	523.68	-18.051
309	3	Unbiased	523.07	525.51	2.437
310	3	Unbiased	522.31	515.94	-6.372
311	3	Unbiased	530.04	530.61	0.574
312	3	Unbiased	523.22	524.62	1.399
313	10	Bias	510.37	514.74	4.371
314	10	Bias	516.16	518.81	2.655
315	10	Bias	516.66	522.12	5.461
316	10	Bias	518.39	523.95	5.56
317	10	Bias	512.61	517.15	4.538
318	10	Unbiased	524.36	525.95	1.587
319	10	Unbiased	514.64	514.57	-0.073
320	10	Unbiased	520.05	514.64	-5.408
321	10	Unbiased	516.6	518.4	1.797
322	10	Unbiased	526.78	527.35	0.576
323	30	Bias	519.09	511.65	-7.442
324	30	Bias	524.43	517.42	-7.011
325	30	Bias	520.06	514.81	-5.25
326	30	Bias	524.55	529.4	4.853
327	30	Bias	519.06	513.94	-5.115
328	30	Unbiased	525.65	518.57	-7.079
329	30	Unbiased	518.19	513.28	-4.913
330	30	Unbiased	521.67	525.27	3.595
331	30	Unbiased	512.88	520.8	7.925
332	30	Unbiased	521.57	523.23	1.658
333	50	Bias	521.48	526.54	5.058
334	50	Bias	522	515.23	-6.775
335	50	Bias	518.97	524.89	5.92
336	50	Bias	518.57	522.12	3.556
337	50	Bias	508.56	512.1	3.541
338	50	Unbiased	525.69	521.41	-4.271
339	50	Unbiased	543.48	513.62	-29.859
340	50	Unbiased	536.39	518.38	-18.01
341	50	Unbiased	535.15	522.35	-12.801
342	50	Unbiased	544.22	518.64	-25.577
343	100	Bias	540.25	523.34	-16.908
344	100	Bias	530.07	517.92	-12.149
345	100	Bias	549.6	522.92	-26.682
346	100	Bias	535.3	513.36	-21.936
347	100	Bias	534.53	512.46	-22.065
348	100	Unbiased	538.84	516.45	-22.385
349	100	Unbiased	532.95	515.98	-16.97
350	100	Unbiased	537.15	519.24	-17.913
351	100	Unbiased	535.1	519.38	-15.721
352	100	Unbiased	538.93	519.39	-19.547

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	516.71	525.41	535.37	9.3927	516.65	523.7	532.51	8.0778	-7.499	-1.7143	5.214	6.4332
3	522.31	530.14	541.73	6.5503	515.94	521.9	530.61	4.3138	-18.051	-8.2395	2.437	7.5592
10	510.37	517.66	526.78	5.0155	514.57	519.77	527.35	4.7953	-5.408	2.1064	5.56	3.3073
30	512.88	520.72	525.65	3.7732	511.65	518.84	529.4	5.7823	-7.442	-1.8779	7.925	5.7666
50	508.56	527.45	544.22	11.802	512.1	519.53	526.54	4.7941	-29.859	-7.9218	5.92	13.15
100	530.07	537.27	549.6	5.3004	512.46	518.04	523.34	3.6014	-26.682	-19.228	-12.149	4.1584

Device Test: 19.25 ; RESET_SLEW_RATE_RISE

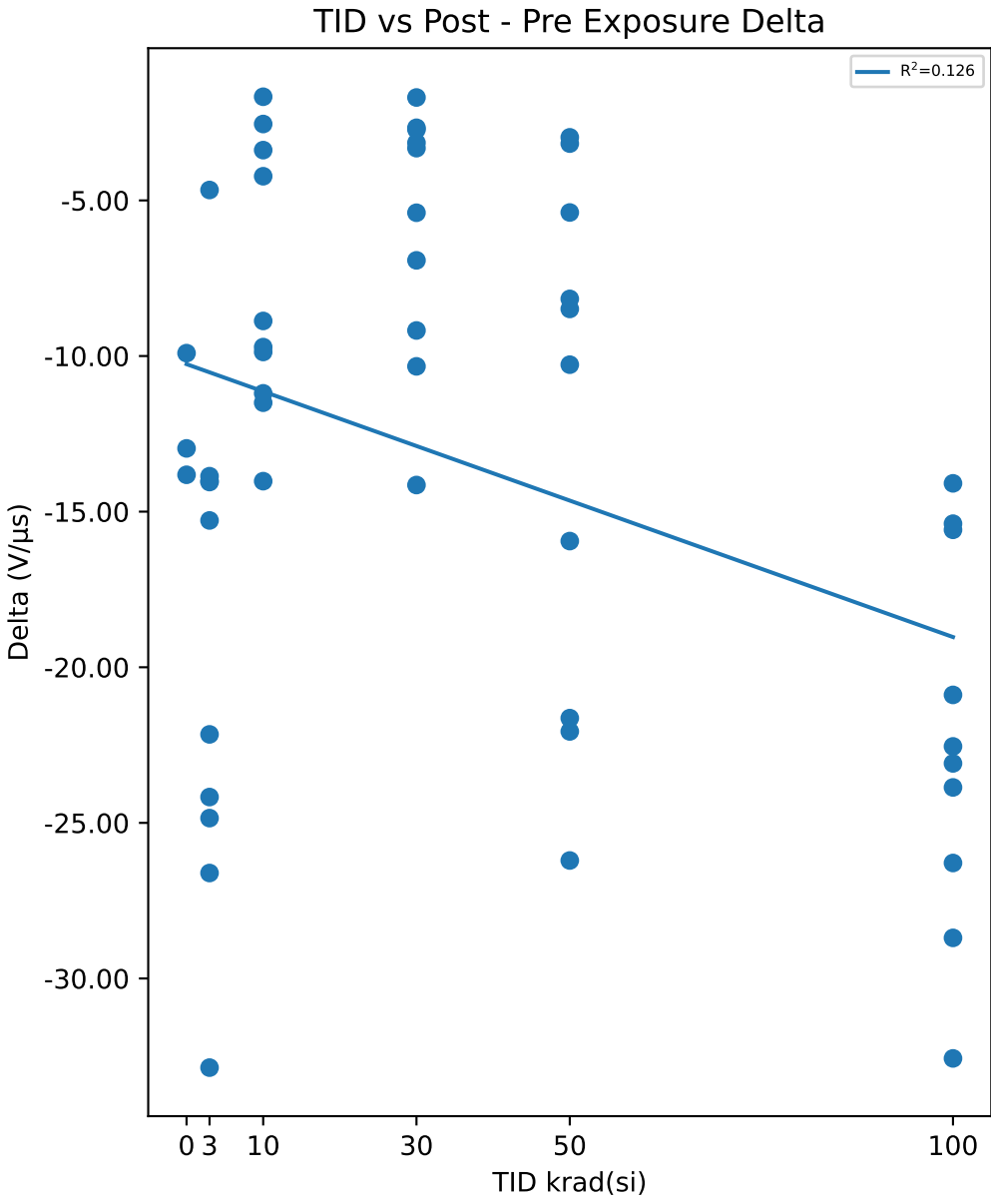
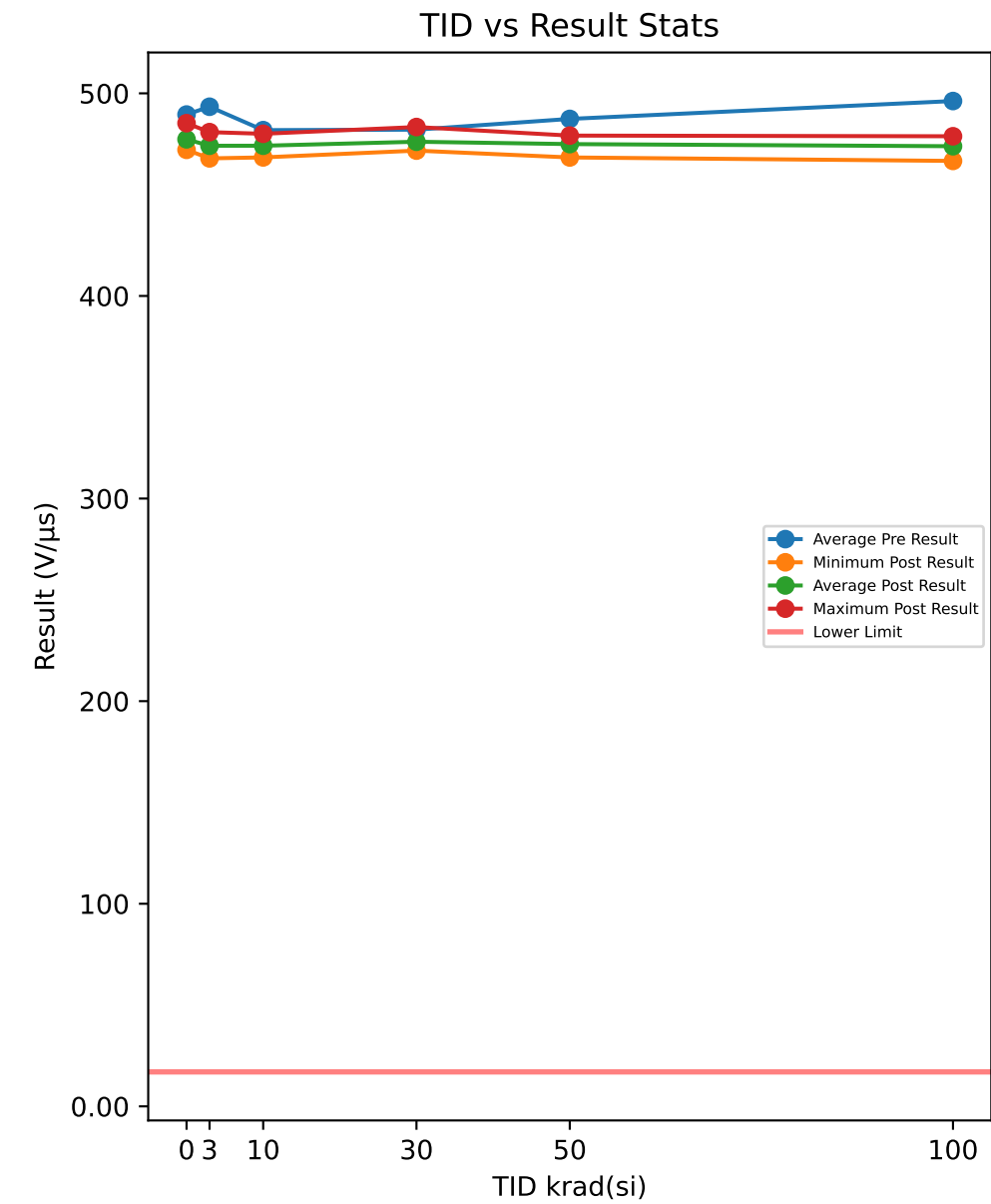


Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	525.22	519.54	-5.682
301	0	Correlation	537.55	533.94	-3.611
302	0	Correlation	521.38	524.7	3.319
303	3	Bias	542.05	520.67	-21.383
304	3	Bias	539.17	519.73	-19.441
305	3	Bias	538.72	521.83	-16.892
306	3	Bias	543.28	521.93	-21.345
307	3	Bias	533.81	523.99	-9.824
308	3	Unbiased	539.26	526.05	-13.211
309	3	Unbiased	529.35	526.79	-2.564
310	3	Unbiased	525.17	520.09	-5.078
311	3	Unbiased	534.37	530.84	-3.534
312	3	Unbiased	535.94	529.43	-6.505
313	10	Bias	517.8	525.79	7.989
314	10	Bias	521.75	525.88	4.135
315	10	Bias	520.65	520.25	-0.403
316	10	Bias	528.22	518.58	-9.638
317	10	Bias	521.21	514.78	-6.431
318	10	Unbiased	521.42	526.45	5.025
319	10	Unbiased	524.57	516.94	-7.633
320	10	Unbiased	522.54	515.93	-6.618
321	10	Unbiased	515.9	524.66	8.756
322	10	Unbiased	516.1	522.38	6.273
323	30	Bias	519.69	519.88	0.189
324	30	Bias	523.53	528.91	5.377
325	30	Bias	523.38	514.56	-8.82
326	30	Bias	524.04	529.93	5.885
327	30	Bias	512.76	520.93	8.164
328	30	Unbiased	520.36	520.34	-0.02
329	30	Unbiased	517.81	522.84	5.031
330	30	Unbiased	531.47	528.14	-3.332
331	30	Unbiased	525.54	521.84	-3.702
332	30	Unbiased	515.11	523.65	8.539
333	50	Bias	523.87	526.42	2.542
334	50	Bias	524.31	514.83	-9.483
335	50	Bias	527.66	520.37	-7.295
336	50	Bias	527.16	518.96	-8.193
337	50	Bias	520.13	516.56	-3.566
338	50	Unbiased	530.92	521.61	-9.31
339	50	Unbiased	542.48	517.6	-24.88
340	50	Unbiased	531.97	515.52	-16.449
341	50	Unbiased	540.8	520.88	-19.917
342	50	Unbiased	546.2	517.52	-28.672
343	100	Bias	544.4	520.26	-24.139
344	100	Bias	536.9	517.9	-19
345	100	Bias	543.09	522.79	-20.292
346	100	Bias	539.05	515.21	-23.847
347	100	Bias	539.47	519.57	-19.895
348	100	Unbiased	545.05	521.16	-23.894
349	100	Unbiased	541.68	515.28	-26.404
350	100	Unbiased	534.9	519.81	-15.086
351	100	Unbiased	533.71	516.36	-17.347
352	100	Unbiased	538.82	526.23	-12.592

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	521.38	528.05	537.55	8.4499	519.54	526.06	533.94	7.2965	-5.682	-1.9913	3.319	4.714
3	525.17	536.11	543.28	5.6416	519.73	524.13	530.84	3.9678	-21.383	-11.978	-2.564	7.4512
10	515.9	521.02	528.22	3.7757	514.78	521.16	526.45	4.4571	-9.638	0.1455	8.756	7.1372
30	512.76	521.37	531.47	5.4268	514.56	523.1	529.93	4.7543	-8.82	1.7311	8.539	5.784
50	520.13	531.55	546.2	8.7953	514.83	519.03	526.42	3.4449	-28.672	-12.522	2.542	9.7548
100	533.71	539.71	545.05	3.8604	515.21	519.46	526.23	3.4681	-26.404	-20.25	-12.592	4.4051

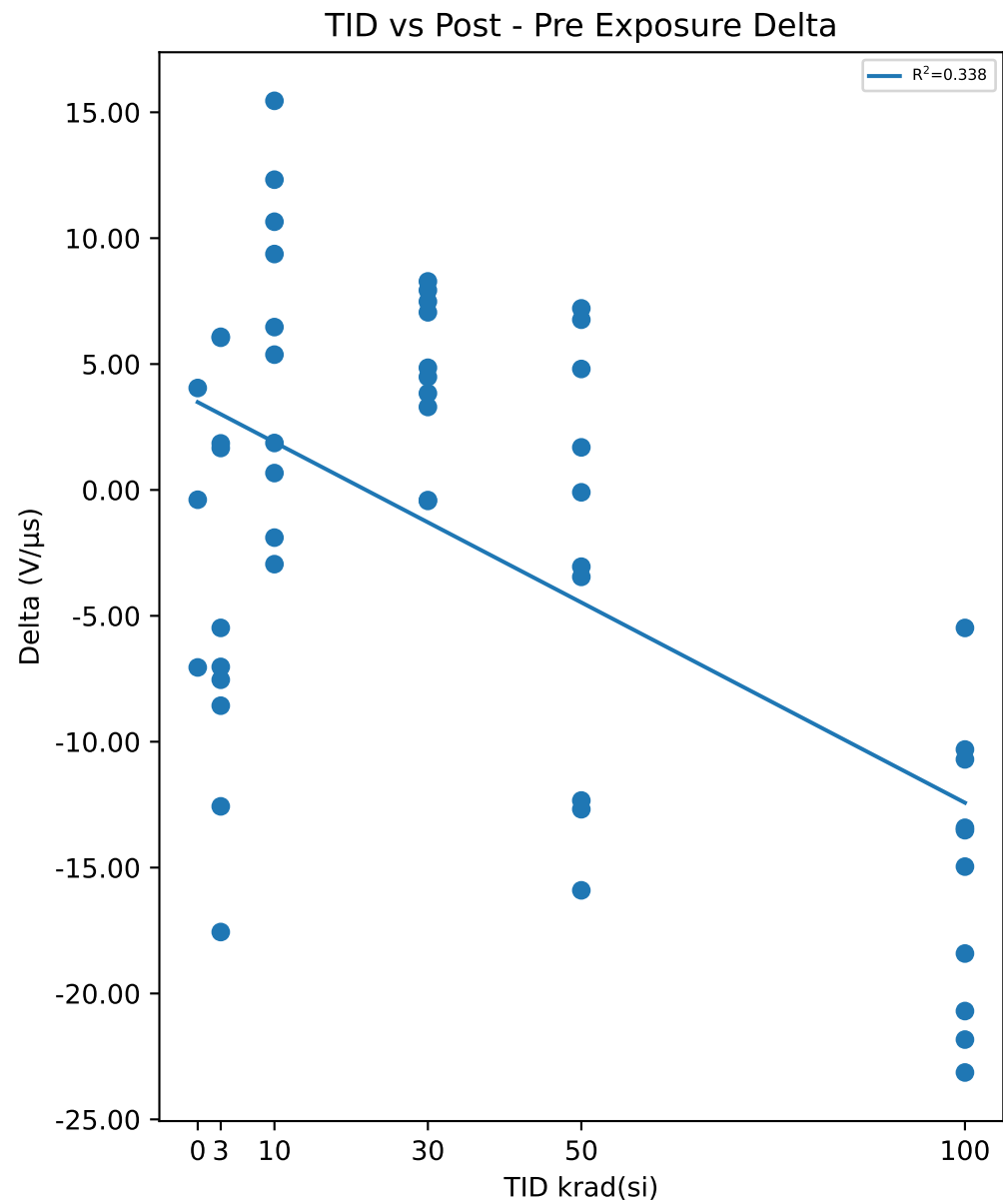
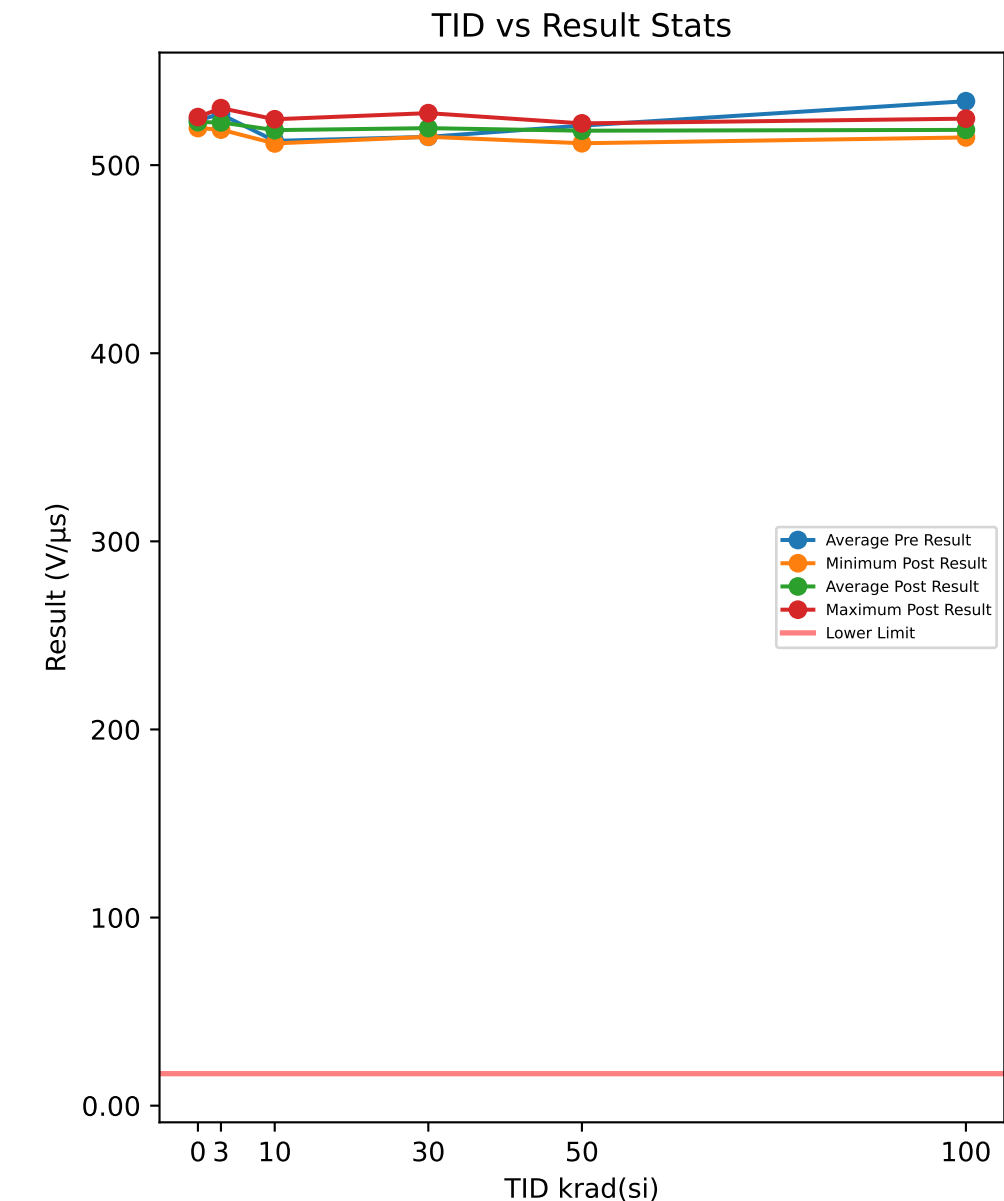
Device Test: 19.26 ; RESET_SLEW_RATE_RISE



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	488.33	474.52	-13.816
301	0	Correlation	495.18	485.27	-9.907
302	0	Correlation	485.09	472.12	-12.968
303	3	Bias	503.28	479.11	-24.17
304	3	Bias	490.06	467.9	-22.157
305	3	Bias	492.02	478	-14.019
306	3	Bias	503.33	470.46	-32.864
307	3	Bias	497.4	470.79	-26.611
308	3	Unbiased	496.21	471.36	-24.847
309	3	Unbiased	486.56	472.51	-14.049
310	3	Unbiased	486.66	472.8	-13.861
311	3	Unbiased	492.8	477.51	-15.283
312	3	Unbiased	485.52	480.86	-4.665
313	10	Bias	482	470.8	-11.199
314	10	Bias	481.76	478.37	-3.384
315	10	Bias	485.63	475.92	-9.713
316	10	Bias	480.32	477.78	-2.545
317	10	Bias	479.88	468.38	-11.5
318	10	Unbiased	484.26	480.04	-4.223
319	10	Unbiased	484.19	470.17	-14.021
320	10	Unbiased	479.15	470.28	-8.873
321	10	Unbiased	480.17	478.5	-1.669
322	10	Unbiased	481.03	471.16	-9.87
323	30	Bias	483.15	473.98	-9.179
324	30	Bias	480.79	478.13	-2.666
325	30	Bias	479.02	473.62	-5.396
326	30	Bias	483.73	476.8	-6.926
327	30	Bias	479.46	476.32	-3.148
328	30	Unbiased	480.17	476.85	-3.321
329	30	Unbiased	485.41	475.08	-10.332
330	30	Unbiased	485.07	483.38	-1.693
331	30	Unbiased	485.88	471.73	-14.145
332	30	Unbiased	478	475.27	-2.724
333	50	Bias	485.54	475.26	-10.278
334	50	Bias	477	474.03	-2.973
335	50	Bias	481.32	473.16	-8.164
336	50	Bias	485.06	476.58	-8.487
337	50	Bias	473.75	468.36	-5.388
338	50	Unbiased	482.32	479.15	-3.175
339	50	Unbiased	504.68	478.47	-26.209
340	50	Unbiased	497.85	476.22	-21.634
341	50	Unbiased	494.97	472.91	-22.062
342	50	Unbiased	491.32	475.38	-15.946
343	100	Bias	499.51	478.63	-20.888
344	100	Bias	495.46	472.92	-22.543
345	100	Bias	497.43	473.57	-23.861
346	100	Bias	499.02	472.73	-26.289
347	100	Bias	491.85	477.76	-14.091
348	100	Unbiased	492.63	477.05	-15.584
349	100	Unbiased	499.22	466.65	-32.568
350	100	Unbiased	494.2	478.82	-15.387
351	100	Unbiased	496.37	467.68	-28.695
352	100	Unbiased	496.31	473.22	-23.089

Test Statistics (V/μs)

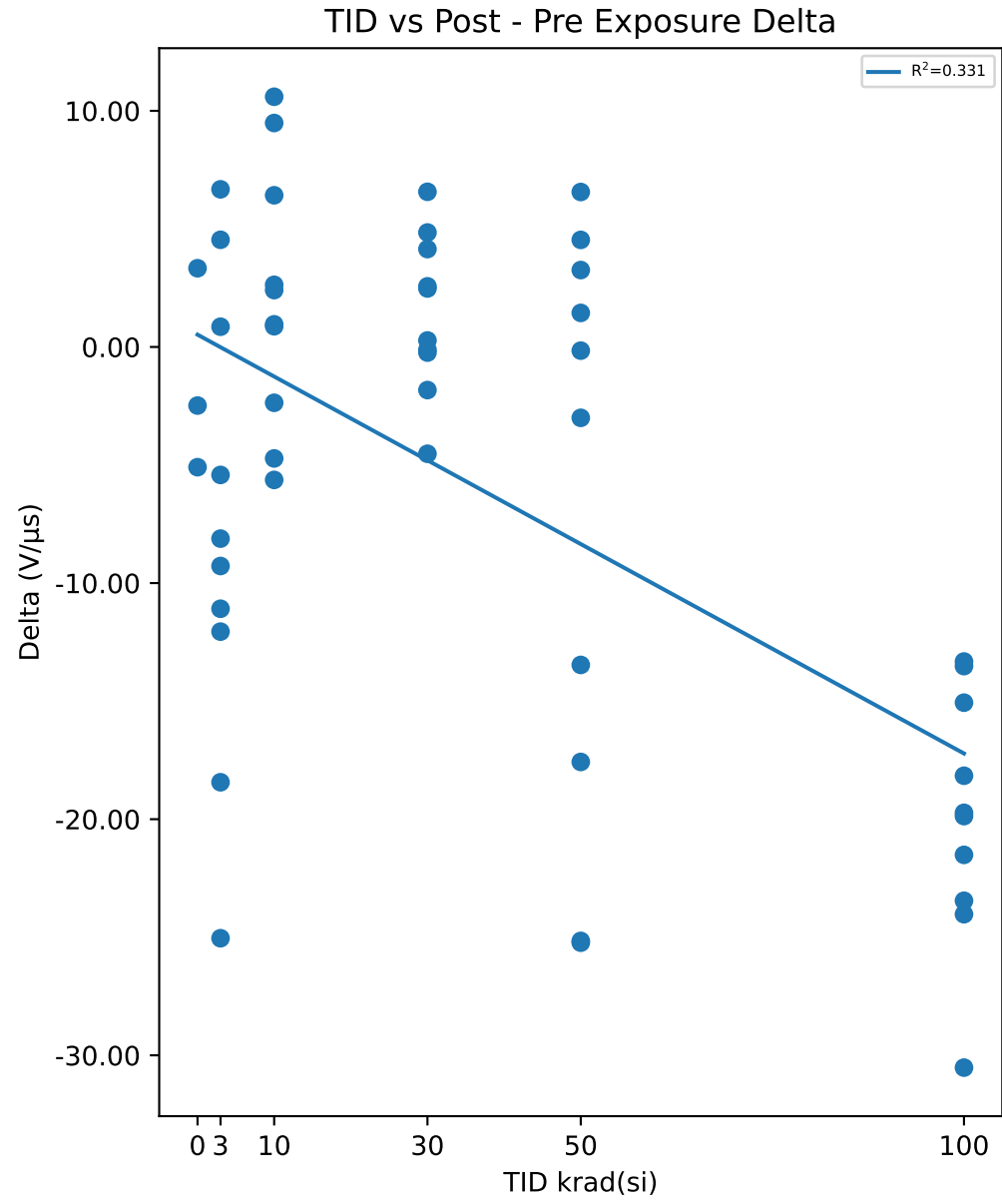
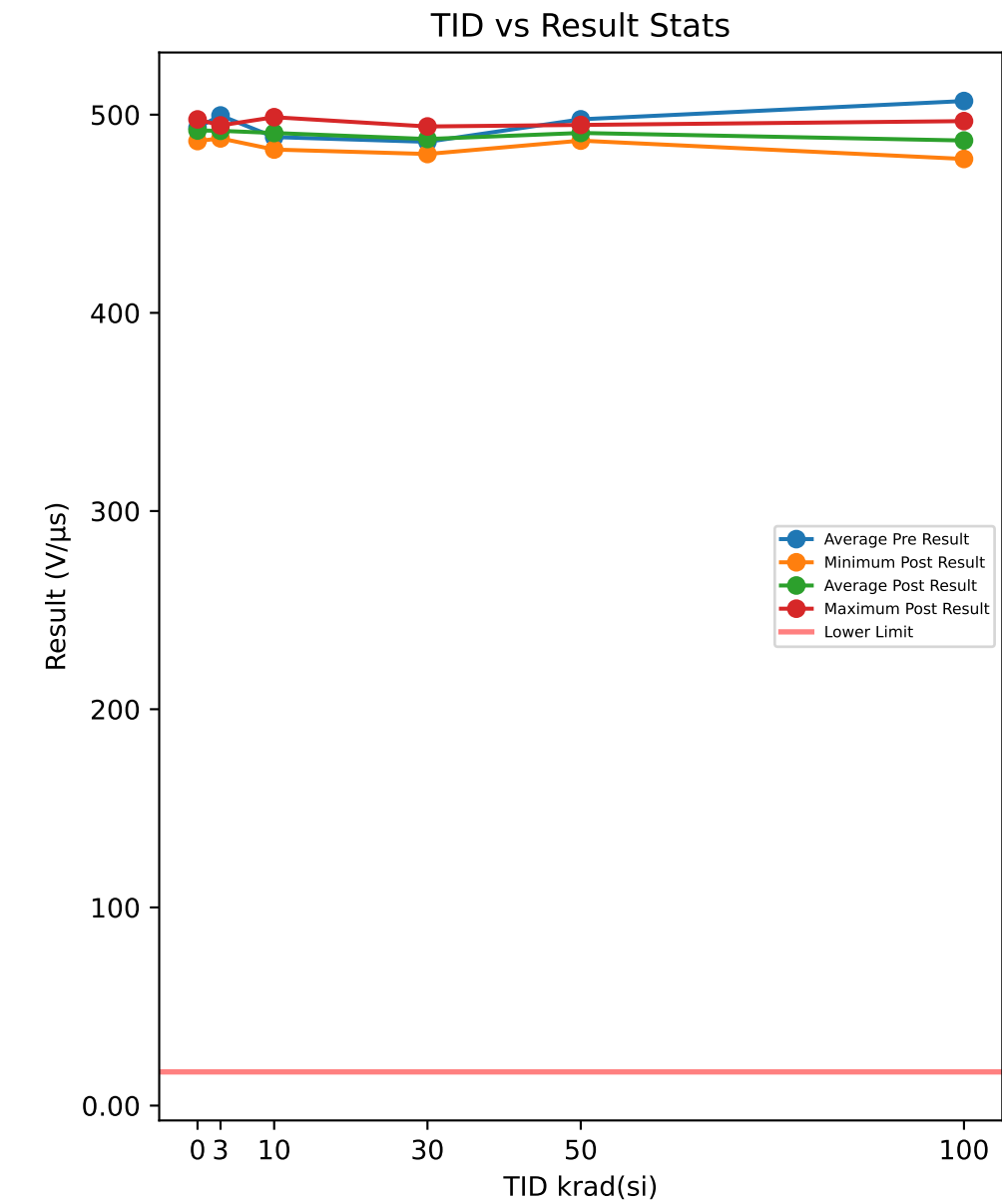
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	485.09	489.53	495.18	5.1509	472.12	477.3	485.27	7.0041	-13.816	-12.23	-9.907	2.0563
3	485.52	493.38	503.33	6.5635	467.9	474.13	480.86	4.3704	-32.864	-19.253	-4.665	8.2692
10	479.15	481.84	485.63	2.1764	468.38	474.14	480.04	4.3713	-14.021	-7.6997	-1.669	4.3517
30	478	482.07	485.88	2.9152	471.73	476.11	483.38	3.155	-14.145	-5.953	-1.693	4.1113
50	473.75	487.38	504.68	9.6984	468.36	474.95	479.15	3.0945	-26.209	-12.432	-2.973	8.451
100	491.85	496.2	499.51	2.7037	466.65	473.9	478.82	4.2888	-32.568	-22.299	-14.091	6.0336



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	519.32	523.37	4.049
301	0	Correlation	532.59	525.54	-7.05
302	0	Correlation	520.09	519.7	-0.389
303	3	Bias	531.34	523.8	-7.539
304	3	Bias	526.76	521.29	-5.479
305	3	Bias	538.26	520.7	-17.559
306	3	Bias	531.43	522.86	-8.569
307	3	Bias	535.05	522.48	-12.568
308	3	Unbiased	525.91	518.88	-7.028
309	3	Unbiased	519.38	521.23	1.849
310	3	Unbiased	521.15	522.81	1.666
311	3	Unbiased	524.26	530.3	6.045
312	3	Unbiased	516.71	522.79	6.083
313	10	Bias	515.35	520.72	5.374
314	10	Bias	514.49	520.96	6.468
315	10	Bias	506.7	522.15	15.455
316	10	Bias	509.71	522.03	12.323
317	10	Bias	513.74	524.39	10.653
318	10	Unbiased	511.74	521.11	9.37
319	10	Unbiased	515.6	517.47	1.865
320	10	Unbiased	512.04	512.71	0.67
321	10	Unbiased	513.42	511.53	-1.894
322	10	Unbiased	516.02	513.08	-2.948
323	30	Bias	520.17	519.73	-0.436
324	30	Bias	515.03	522.09	7.055
325	30	Bias	515.79	515.39	-0.403
326	30	Bias	514.79	518.62	3.838
327	30	Bias	510.89	518.83	7.93
328	30	Unbiased	514.34	522.63	8.283
329	30	Unbiased	511.74	516.59	4.853
330	30	Unbiased	520.15	527.64	7.483
331	30	Unbiased	516.74	520.03	3.294
332	30	Unbiased	510.58	515.06	4.485
333	50	Bias	520.5	517.46	-3.048
334	50	Bias	515.06	514.97	-0.094
335	50	Bias	517.19	518.88	1.691
336	50	Bias	514.61	521.37	6.761
337	50	Bias	504.42	511.63	7.211
338	50	Unbiased	517.4	522.21	4.805
339	50	Unbiased	528.23	515.55	-12.682
340	50	Unbiased	521.99	518.54	-3.453
341	50	Unbiased	536.5	520.6	-15.903
342	50	Unbiased	534.12	521.78	-12.335
343	100	Bias	547.84	524.7	-23.138
344	100	Bias	533.29	522.99	-10.31
345	100	Bias	532.57	521.86	-10.702
346	100	Bias	534.01	519.05	-14.961
347	100	Bias	525.03	519.54	-5.481
348	100	Unbiased	537.22	515.39	-21.831
349	100	Unbiased	528.14	514.72	-13.418
350	100	Unbiased	537.44	516.74	-20.698
351	100	Unbiased	528.85	515.34	-13.515
352	100	Unbiased	535.46	517.05	-18.413

Test Statistics (V/μs)

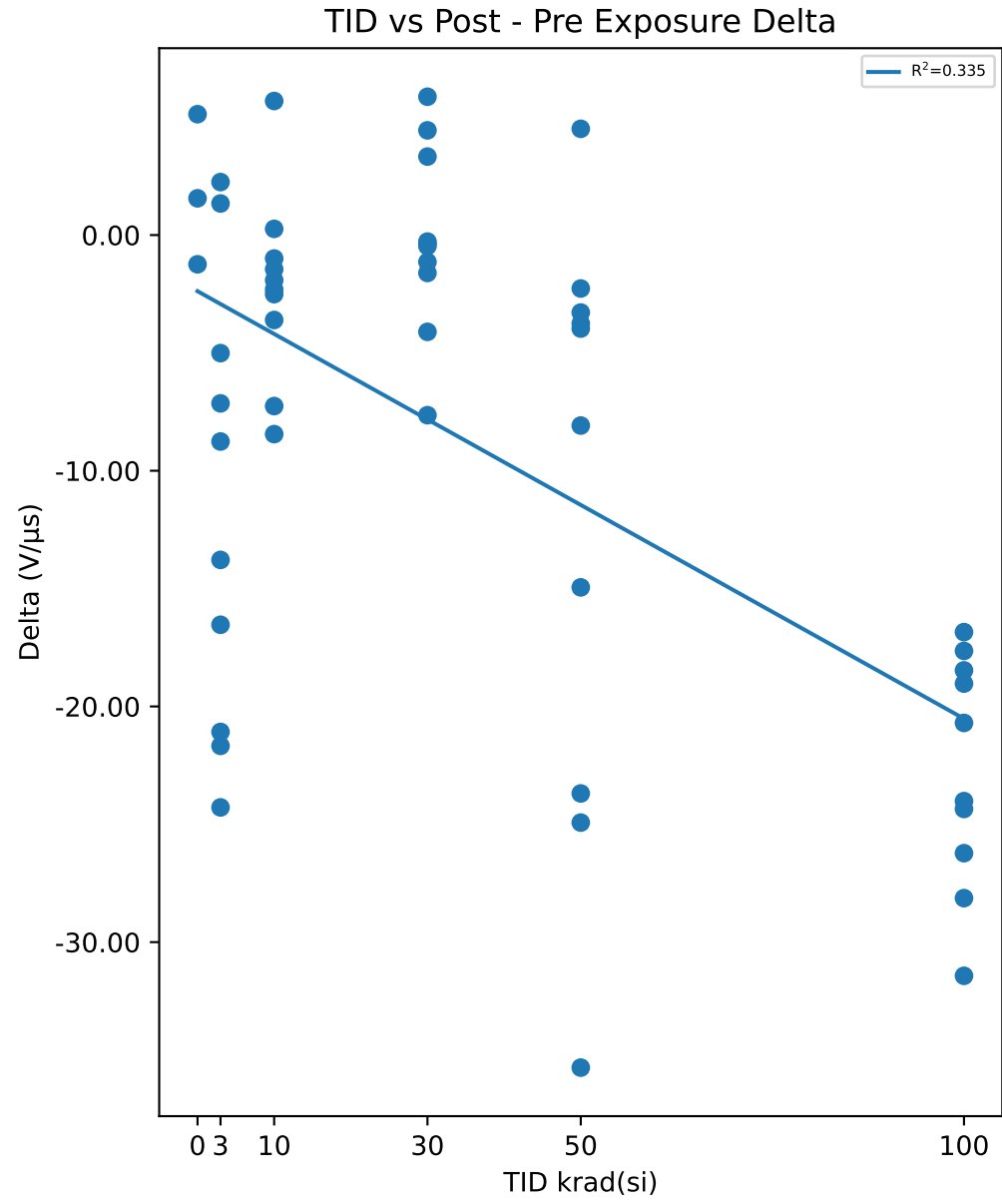
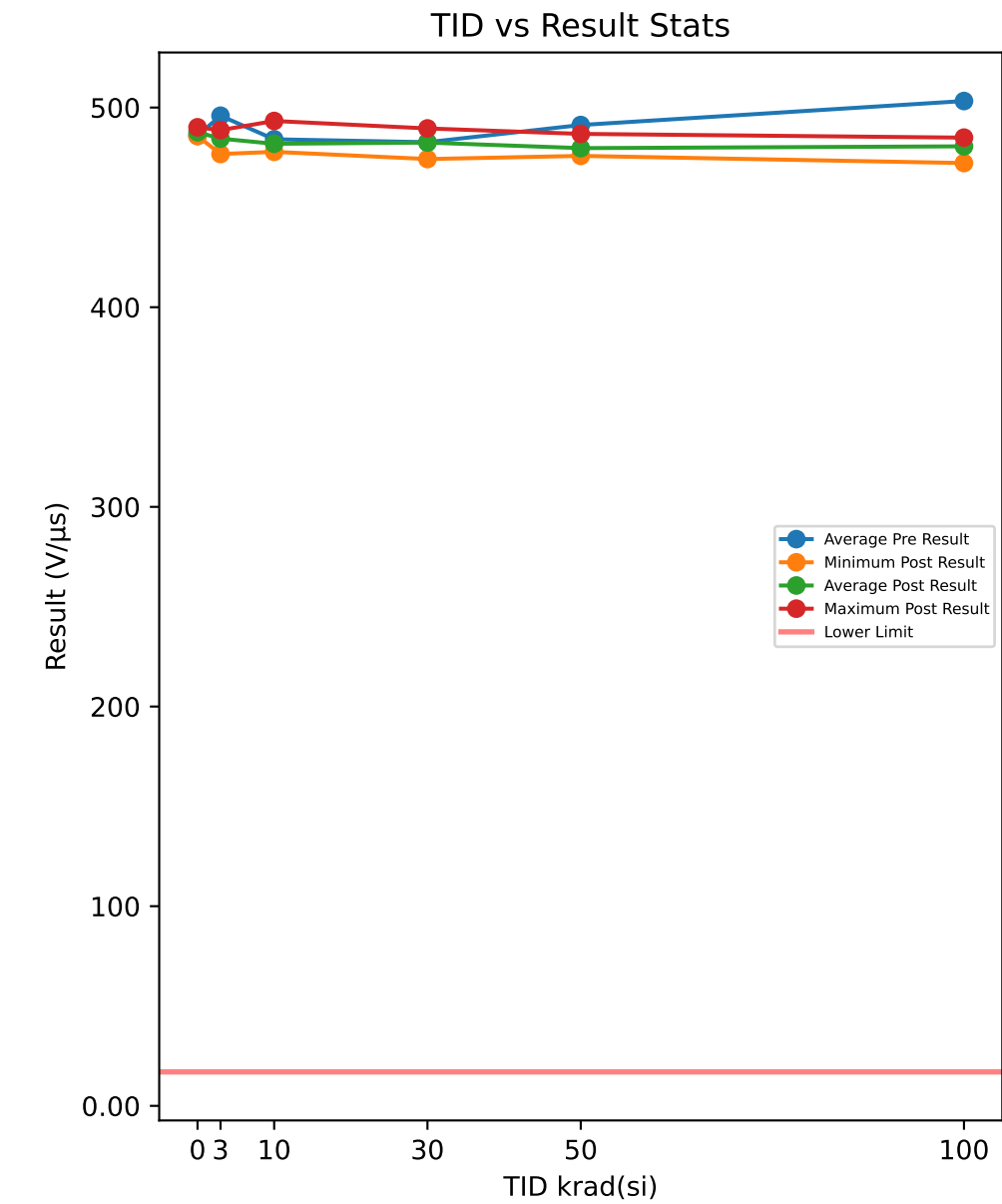
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	519.32	524	532.59	7.4502	519.7	522.87	525.54	2.9528	-7.05	-1.13	4.049	5.5865
3	516.71	527.02	538.26	6.9684	518.88	522.71	530.3	3.0149	-17.559	-4.3099	6.083	7.9578
10	506.7	512.88	516.02	2.9297	511.53	518.62	524.39	4.6045	-2.948	5.7336	15.455	6.2377
30	510.58	515.02	520.17	3.4066	515.06	519.66	527.64	3.7861	-0.436	4.6382	8.283	3.1926
50	504.42	521	536.5	9.6872	511.63	518.3	522.21	3.4382	-15.903	-2.7047	7.211	8.417
100	525.03	533.99	547.84	6.3227	514.72	518.74	524.7	3.4942	-23.138	-15.247	-5.481	5.6978



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	489.18	486.69	-2.482
301	0	Correlation	496.87	491.78	-5.092
302	0	Correlation	494.27	497.61	3.334
303	3	Bias	511.12	492.69	-18.435
304	3	Bias	500.24	492.12	-8.117
305	3	Bias	515.55	490.51	-25.041
306	3	Bias	505.67	494.58	-11.087
307	3	Bias	500.93	488.87	-12.056
308	3	Unbiased	500.52	491.25	-9.277
309	3	Unbiased	487.7	492.24	4.539
310	3	Unbiased	493.45	488.03	-5.42
311	3	Unbiased	493.12	493.98	0.857
312	3	Unbiased	487.66	494.33	6.676
313	10	Bias	493.13	487.5	-5.631
314	10	Bias	492.3	498.72	6.424
315	10	Bias	487.3	496.79	9.485
316	10	Bias	491.41	493.82	2.408
317	10	Bias	490.02	490.9	0.877
318	10	Unbiased	484.56	495.15	10.597
319	10	Unbiased	481.44	482.4	0.959
320	10	Unbiased	490.3	487.94	-2.365
321	10	Unbiased	485.36	487.99	2.632
322	10	Unbiased	491.06	486.33	-4.721
323	30	Bias	483.16	487.31	4.145
324	30	Bias	493.77	494.05	0.275
325	30	Bias	483.51	488.36	4.848
326	30	Bias	484.68	480.16	-4.524
327	30	Bias	484.64	484.4	-0.239
328	30	Unbiased	491.15	489.32	-1.826
329	30	Unbiased	480.88	483.35	2.476
330	30	Unbiased	491.82	491.7	-0.117
331	30	Unbiased	489.85	492.42	2.568
332	30	Unbiased	479.49	486.06	6.571
333	50	Bias	487.86	489.3	1.442
334	50	Bias	491.67	488.66	-3.002
335	50	Bias	485.34	491.9	6.563
336	50	Bias	490.08	494.62	4.535
337	50	Bias	491.25	491.09	-0.156
338	50	Unbiased	491.57	494.82	3.257
339	50	Unbiased	517.14	491.91	-25.23
340	50	Unbiased	504.56	491.1	-13.466
341	50	Unbiased	504.48	486.9	-17.575
342	50	Unbiased	512.6	487.45	-25.155
343	100	Bias	507.82	488.09	-19.73
344	100	Bias	517	492.98	-24.024
345	100	Bias	509.44	485.99	-23.454
346	100	Bias	499.17	477.65	-21.511
347	100	Bias	504.48	484.61	-19.869
348	100	Unbiased	506.13	491.06	-15.065
349	100	Unbiased	496.78	483.26	-13.516
350	100	Unbiased	505.57	487.41	-18.159
351	100	Unbiased	512.37	481.84	-30.521
352	100	Unbiased	510.07	496.75	-13.322

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	489.18	493.44	496.87	3.914	486.69	492.03	497.61	5.4602	-5.092	-1.4133	3.334	4.3135
3	487.66	499.6	515.55	9.3753	488.03	491.86	494.58	2.2301	-25.041	-7.7361	6.676	9.9103
10	481.44	488.69	493.13	3.8402	482.4	490.75	498.72	5.208	-5.631	2.0665	10.597	5.526
30	479.49	486.3	493.77	4.9581	480.16	487.71	494.05	4.3611	-4.524	1.4177	6.571	3.3406
50	485.34	497.65	517.14	11.138	486.9	490.78	494.82	2.7209	-25.23	-6.8787	6.563	12.346
100	496.78	506.88	517	5.9601	477.65	486.96	496.75	5.6091	-30.521	-19.917	-13.322	5.3281

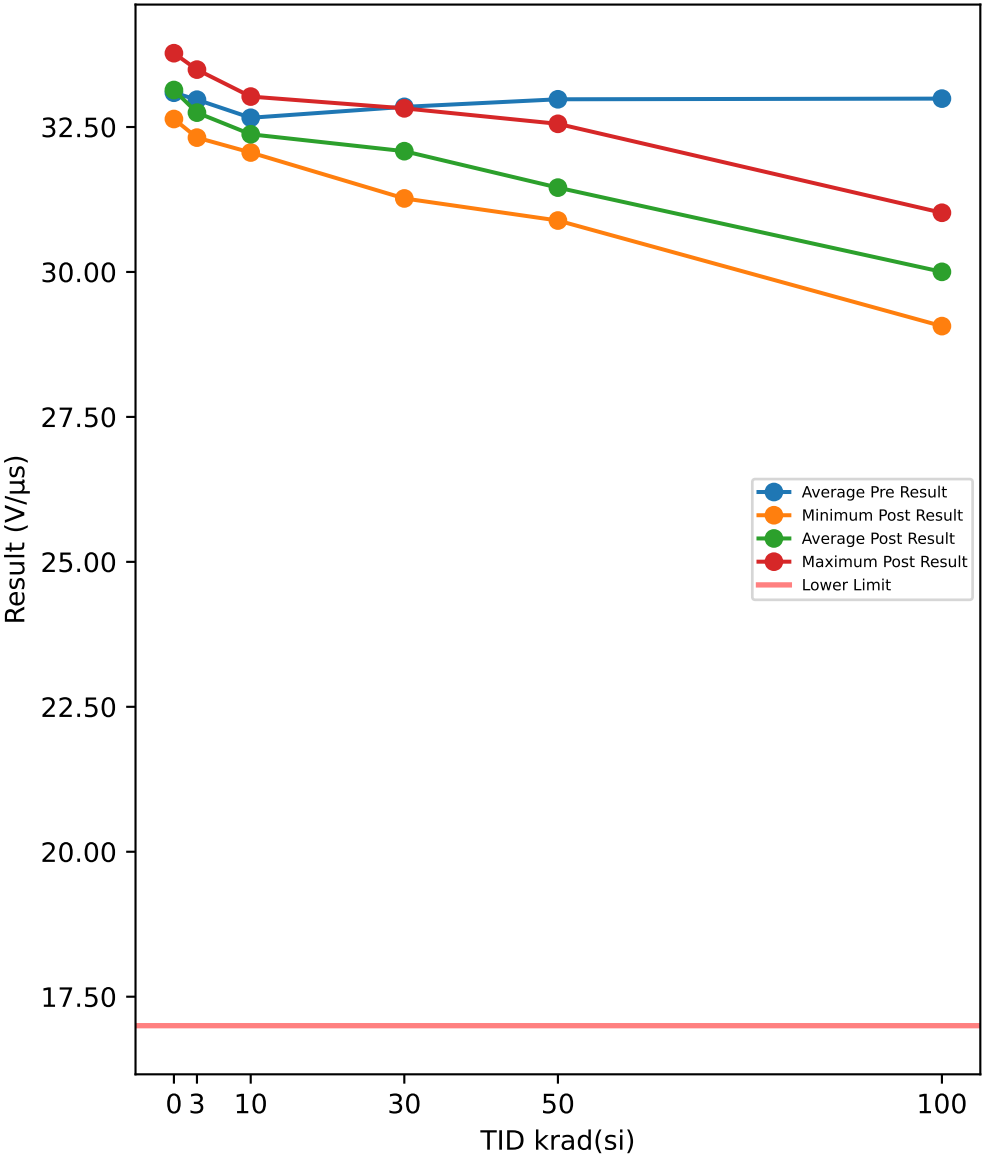


Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	482.01	487.14	5.128
301	0	Correlation	488.55	490.1	1.559
302	0	Correlation	486.99	485.75	-1.241
303	3	Bias	507.82	483.53	-24.284
304	3	Bias	495.78	488.64	-7.142
305	3	Bias	496.23	482.45	-13.783
306	3	Bias	509.74	488.65	-21.082
307	3	Bias	498.4	476.73	-21.673
308	3	Unbiased	500.9	484.36	-16.535
309	3	Unbiased	484.61	486.86	2.248
310	3	Unbiased	485.62	480.61	-5.01
311	3	Unbiased	487.34	488.68	1.339
312	3	Unbiased	492.63	483.87	-8.76
313	10	Bias	479.08	478.09	-0.995
314	10	Bias	487.59	493.28	5.687
315	10	Bias	484.12	481.62	-2.507
316	10	Bias	487.02	479.76	-7.256
317	10	Bias	488.96	480.51	-8.446
318	10	Unbiased	480.12	477.81	-2.306
319	10	Unbiased	486.34	482.74	-3.604
320	10	Unbiased	487.27	485.35	-1.915
321	10	Unbiased	480.07	480.33	0.262
322	10	Unbiased	480.47	479.02	-1.45
323	30	Bias	478.31	474.2	-4.108
324	30	Bias	488.76	481.12	-7.643
325	30	Bias	477.45	481.89	4.442
326	30	Bias	488.34	487.99	-0.351
327	30	Bias	477.9	477.44	-0.468
328	30	Unbiased	482.11	485.43	3.329
329	30	Unbiased	484.06	483.78	-0.277
330	30	Unbiased	483.67	489.54	5.868
331	30	Unbiased	482.51	481.37	-1.141
332	30	Unbiased	483.36	481.75	-1.608
333	50	Bias	487	483.03	-3.968
334	50	Bias	479.08	475.79	-3.287
335	50	Bias	482.63	478.88	-3.752
336	50	Bias	485.7	477.61	-8.083
337	50	Bias	480.42	478.15	-2.268
338	50	Unbiased	482.3	486.81	4.507
339	50	Unbiased	511.68	476.36	-35.324
340	50	Unbiased	493.32	478.37	-14.948
341	50	Unbiased	505.22	481.53	-23.692
342	50	Unbiased	505.13	480.2	-24.928
343	100	Bias	505.37	481.02	-24.35
344	100	Bias	505.37	484.67	-20.7
345	100	Bias	499	480.53	-18.47
346	100	Bias	504.38	476.25	-28.133
347	100	Bias	499.71	480.68	-19.03
348	100	Unbiased	498.12	480.47	-17.644
349	100	Unbiased	506.58	482.57	-24.016
350	100	Unbiased	499.27	482.42	-16.846
351	100	Unbiased	498.43	472.2	-26.226
352	100	Unbiased	516.35	484.92	-31.429

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	482.01	485.85	488.55	3.4121	485.75	487.66	490.1	2.2242	-1.241	1.8153	5.128	3.1922
3	484.61	495.91	509.74	8.7043	476.73	484.44	488.68	3.9231	-24.284	-11.468	2.248	9.4971
10	479.08	484.1	488.96	3.7983	477.81	481.85	493.28	4.6026	-8.446	-2.253	5.687	3.9014
30	477.45	482.65	488.76	3.971	474.2	482.45	489.54	4.5756	-7.643	-0.1957	5.868	4.0064
50	479.08	491.25	511.68	11.918	475.79	479.67	486.81	3.3468	-35.324	-11.574	4.507	12.674
100	498.12	503.26	516.35	5.6675	472.2	480.57	484.92	3.831	-31.429	-22.684	-16.846	4.9193

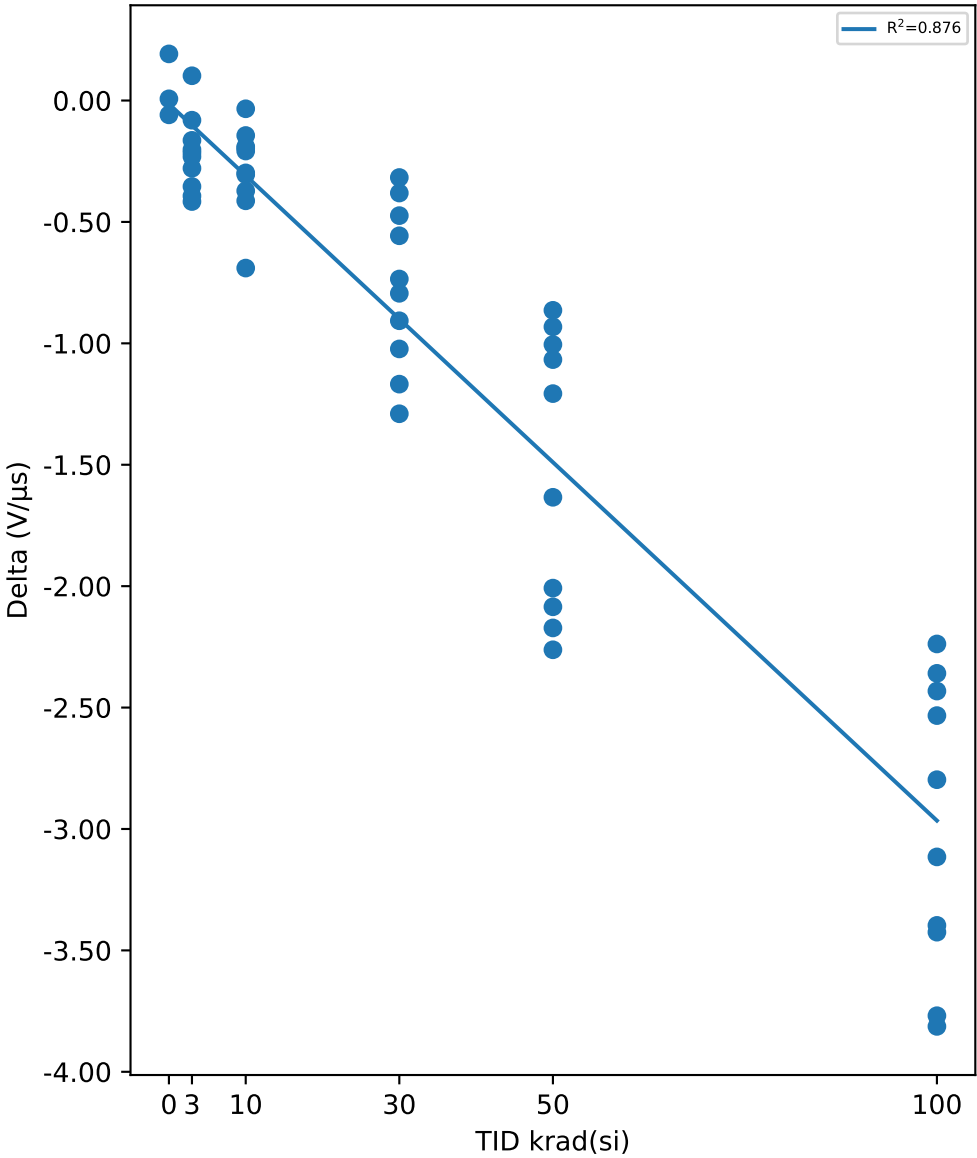
TID vs Result Stats



Test Results (Lower Limit = 17.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	32.996	33.003	0.007
301	0	Correlation	33.581	33.773	0.192
302	0	Correlation	32.697	32.638	-0.059
303	3	Bias	32.819	32.54	-0.279
304	3	Bias	32.903	32.51	-0.393
305	3	Bias	32.989	32.774	-0.215
306	3	Bias	32.962	32.76	-0.202
307	3	Bias	32.743	32.327	-0.416
308	3	Unbiased	32.854	32.623	-0.231
309	3	Unbiased	32.779	32.881	0.102
310	3	Unbiased	32.671	32.317	-0.354
311	3	Unbiased	33.571	33.49	-0.081
312	3	Unbiased	33.422	33.258	-0.164
313	10	Bias	32.974	32.669	-0.305
314	10	Bias	32.763	32.729	-0.034
315	10	Bias	32.308	32.164	-0.144
316	10	Bias	33.221	33.025	-0.196
317	10	Bias	32.355	32.147	-0.208
318	10	Unbiased	32.743	32.445	-0.298
319	10	Unbiased	32.494	32.081	-0.413
320	10	Unbiased	32.353	32.163	-0.19
321	10	Unbiased	32.75	32.06	-0.69
322	10	Unbiased	32.634	32.262	-0.372
323	30	Bias	32.507	32.126	-0.381
324	30	Bias	33.253	32.779	-0.474
325	30	Bias	32.673	32.116	-0.557
326	30	Bias	33.139	32.822	-0.317
327	30	Bias	32.715	31.98	-0.735
328	30	Unbiased	32.85	32.056	-0.794
329	30	Unbiased	32.691	31.668	-1.023
330	30	Unbiased	33.452	32.284	-1.168
331	30	Unbiased	32.638	31.731	-0.907
332	30	Unbiased	32.558	31.268	-1.29
333	50	Bias	33.487	32.555	-0.932
334	50	Bias	32.552	31.688	-0.864
335	50	Bias	32.513	31.446	-1.067
336	50	Bias	32.692	31.687	-1.005
337	50	Bias	32.461	31.254	-1.207
338	50	Unbiased	33.485	31.851	-1.634
339	50	Unbiased	33.077	31.069	-2.008
340	50	Unbiased	33.149	30.887	-2.262
341	50	Unbiased	33.171	30.999	-2.172
342	50	Unbiased	33.195	31.11	-2.085
343	100	Bias	33.453	31.021	-2.432
344	100	Bias	33.083	30.845	-2.238
345	100	Bias	33.558	30.761	-2.797
346	100	Bias	32.046	29.687	-2.359
347	100	Bias	32.646	30.113	-2.533
348	100	Unbiased	33.07	29.645	-3.425
349	100	Unbiased	32.727	29.612	-3.115
350	100	Unbiased	33.1	29.287	-3.813
351	100	Unbiased	32.835	29.066	-3.769
352	100	Unbiased	33.379	29.982	-3.397

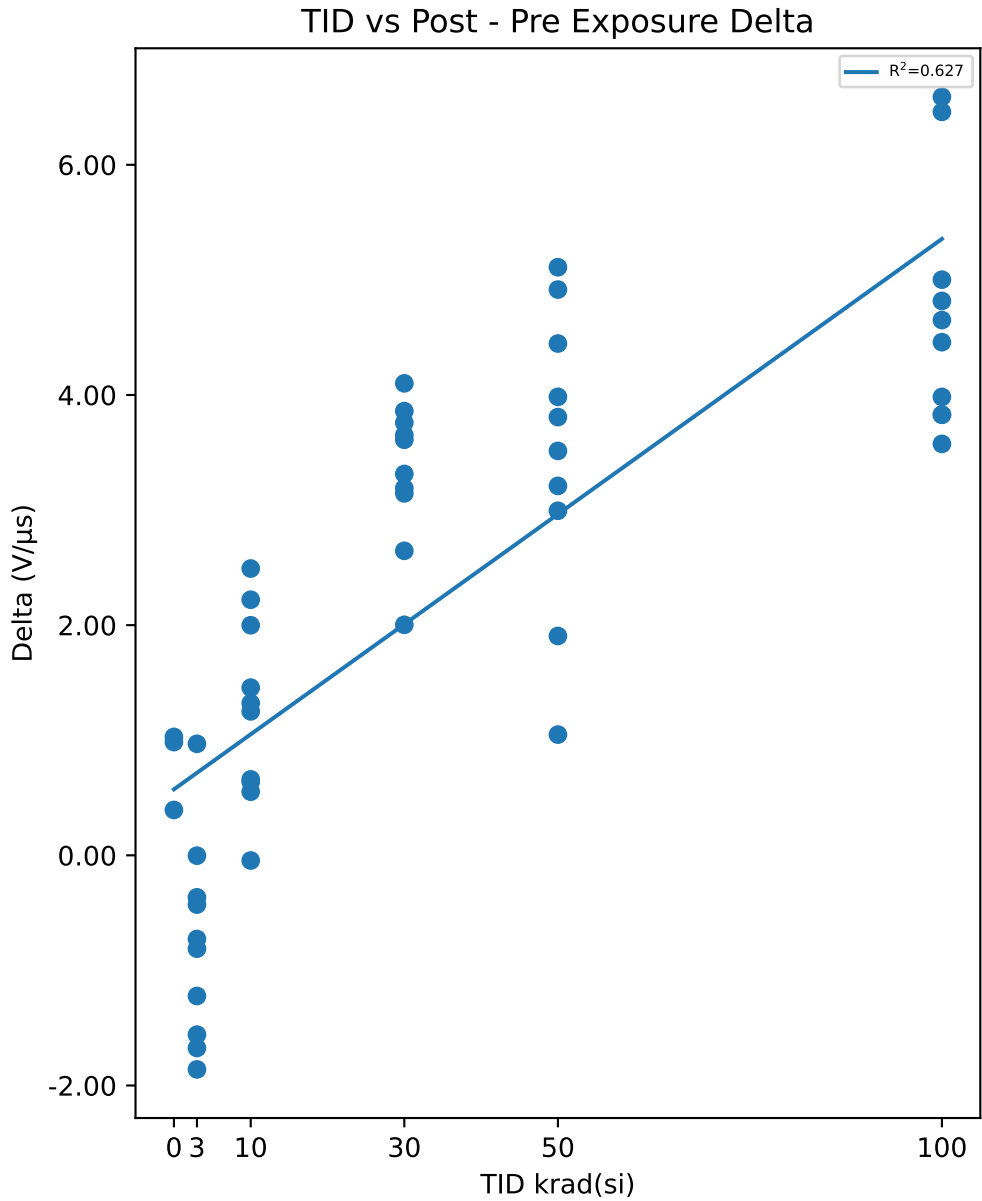
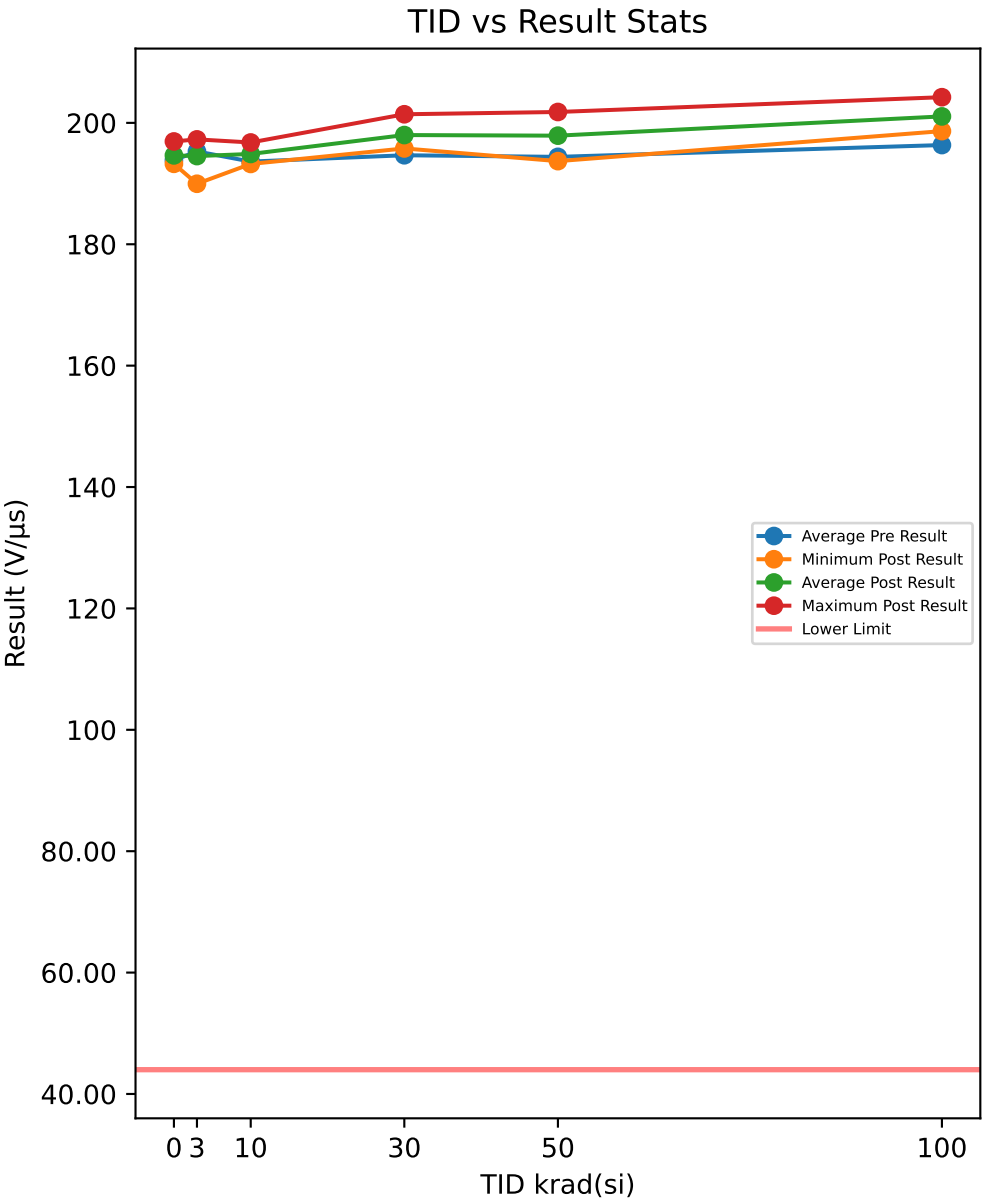
TID vs Post - Pre Exposure Delta



Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.697	33.091	33.581	0.44964	32.638	33.138	33.773	0.57942	-0.059	0.046667	0.192	0.13012
3	32.671	32.971	33.571	0.29516	32.317	32.748	33.49	0.38118	-0.416	-0.2233	0.102	0.15502
10	32.308	32.659	33.221	0.29408	32.06	32.374	33.025	0.32982	-0.69	-0.285	-0.034	0.18083
30	32.507	32.848	33.452	0.32162	31.268	32.083	32.822	0.47674	-1.29	-0.7646	-0.317	0.33377
50	32.461	32.978	33.487	0.39247	30.887	31.455	32.555	0.50706	-2.262	-1.5236	-0.864	0.5667
100	32.046	32.99	33.558	0.44946	29.066	30.002	31.021	0.67527	-3.813	-2.9878	-2.238	0.59402

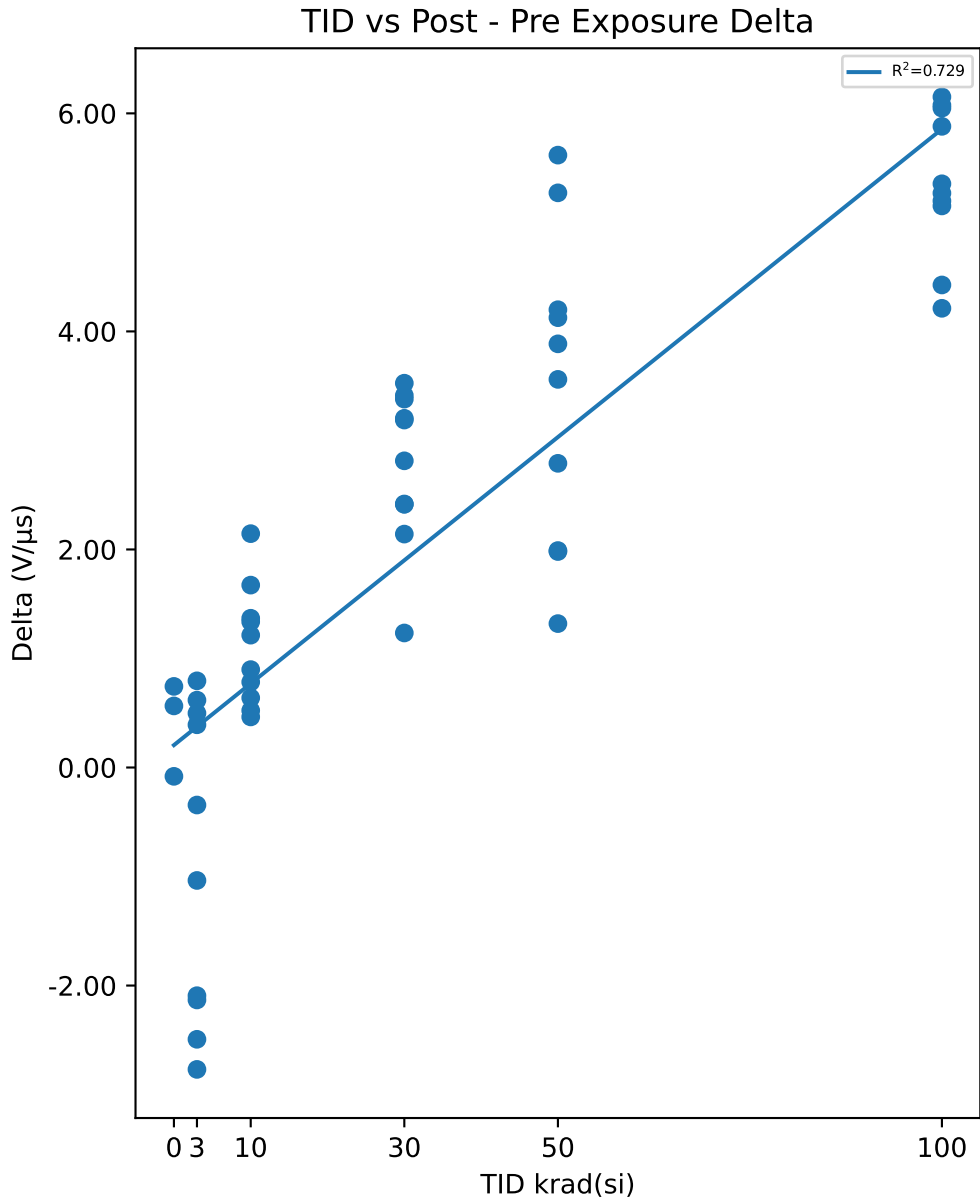
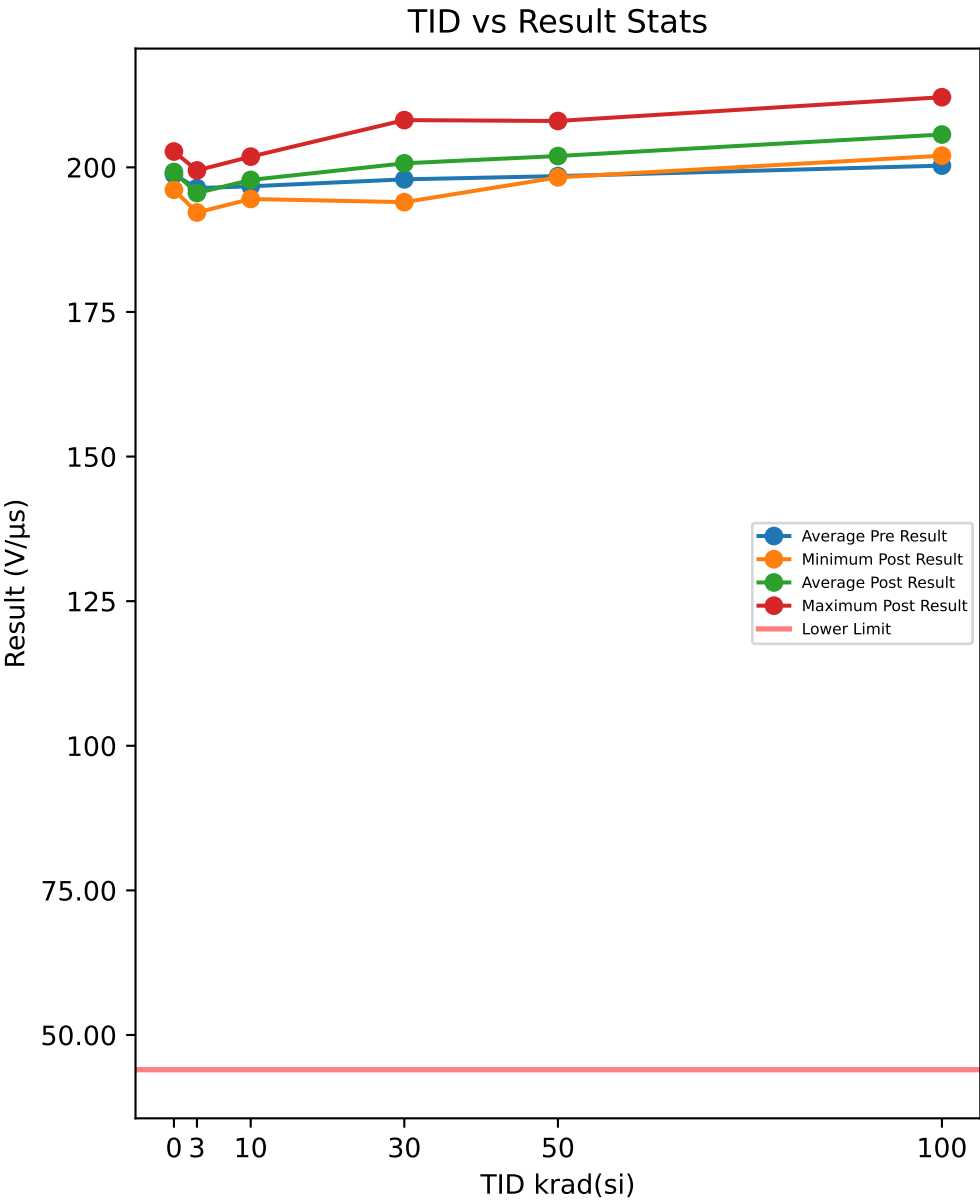
Device Test: 19.30 ; RESET_SLEW_RATE_FALL



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	192.71	193.74	1.029
301	0	Correlation	195.95	196.94	0.984
302	0	Correlation	192.86	193.25	0.394
303	3	Bias	197.36	195.5	-1.86
304	3	Bias	193.42	192.61	-0.811
305	3	Bias	195.9	195.47	-0.428
306	3	Bias	197.29	195.73	-1.558
307	3	Bias	196.06	194.84	-1.222
308	3	Unbiased	196.53	194.86	-1.674
309	3	Unbiased	190.33	189.97	-0.365
310	3	Unbiased	193.17	193.17	-0.003
311	3	Unbiased	196.31	197.28	0.969
312	3	Unbiased	196.59	195.87	-0.727
313	10	Bias	194.98	194.93	-0.045
314	10	Bias	191.98	193.23	1.251
315	10	Bias	194.76	196.22	1.457
316	10	Bias	194.41	195.04	0.638
317	10	Bias	193.03	194.35	1.322
318	10	Unbiased	195.37	196.03	0.66
319	10	Unbiased	194.28	196.77	2.492
320	10	Unbiased	192.02	194.02	1.999
321	10	Unbiased	193.32	193.88	0.553
322	10	Unbiased	192.08	194.3	2.221
323	30	Bias	192.54	195.85	3.314
324	30	Bias	194.2	197.81	3.611
325	30	Bias	192.13	195.79	3.652
326	30	Bias	197.27	201.37	4.101
327	30	Bias	192.23	195.99	3.759
328	30	Unbiased	194.06	197.92	3.86
329	30	Unbiased	193.36	196.51	3.145
330	30	Unbiased	199.41	201.42	2.003
331	30	Unbiased	194.6	197.79	3.19
332	30	Unbiased	196.83	199.47	2.646
333	50	Bias	197.99	201.79	3.808
334	50	Bias	192.71	196.22	3.514
335	50	Bias	192.87	197.98	5.11
336	50	Bias	193.65	198.57	4.916
337	50	Bias	191.12	195.56	4.447
338	50	Unbiased	194.02	198	3.984
339	50	Unbiased	199.3	201.21	1.906
340	50	Unbiased	192.65	193.69	1.049
341	50	Unbiased	196.02	199.23	3.21
342	50	Unbiased	193.67	196.67	2.994
343	100	Bias	195.4	199.38	3.983
344	100	Bias	193.82	198.64	4.817
345	100	Bias	197.02	201.68	4.651
346	100	Bias	198.41	202.24	3.829
347	100	Bias	195.03	198.86	3.828
348	100	Unbiased	197.29	200.87	3.575
349	100	Unbiased	197.73	202.19	4.459
350	100	Unbiased	197.77	204.23	6.46
351	100	Unbiased	192.66	199.25	6.59
352	100	Unbiased	198.31	203.31	5.002

Test Statistics (V/μs)

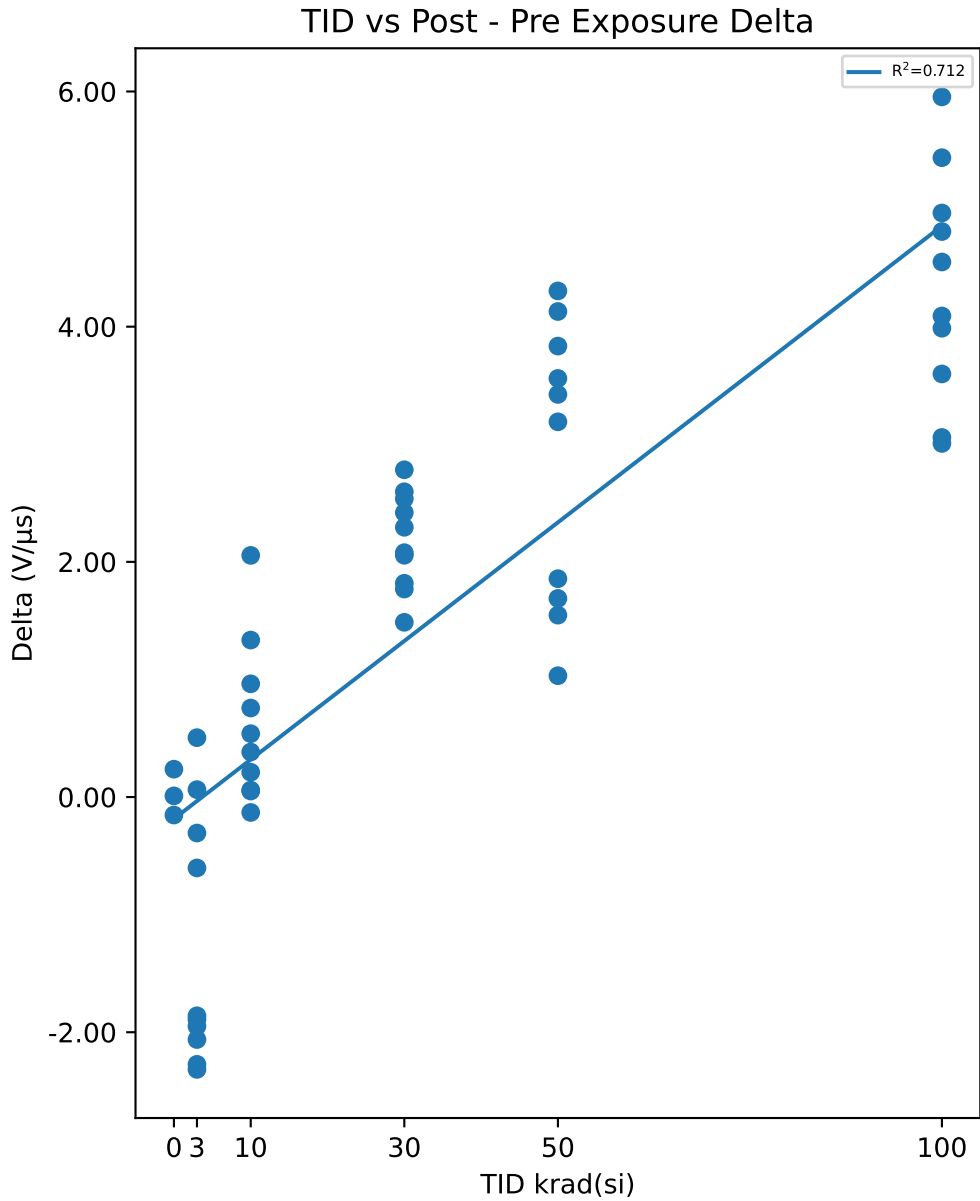
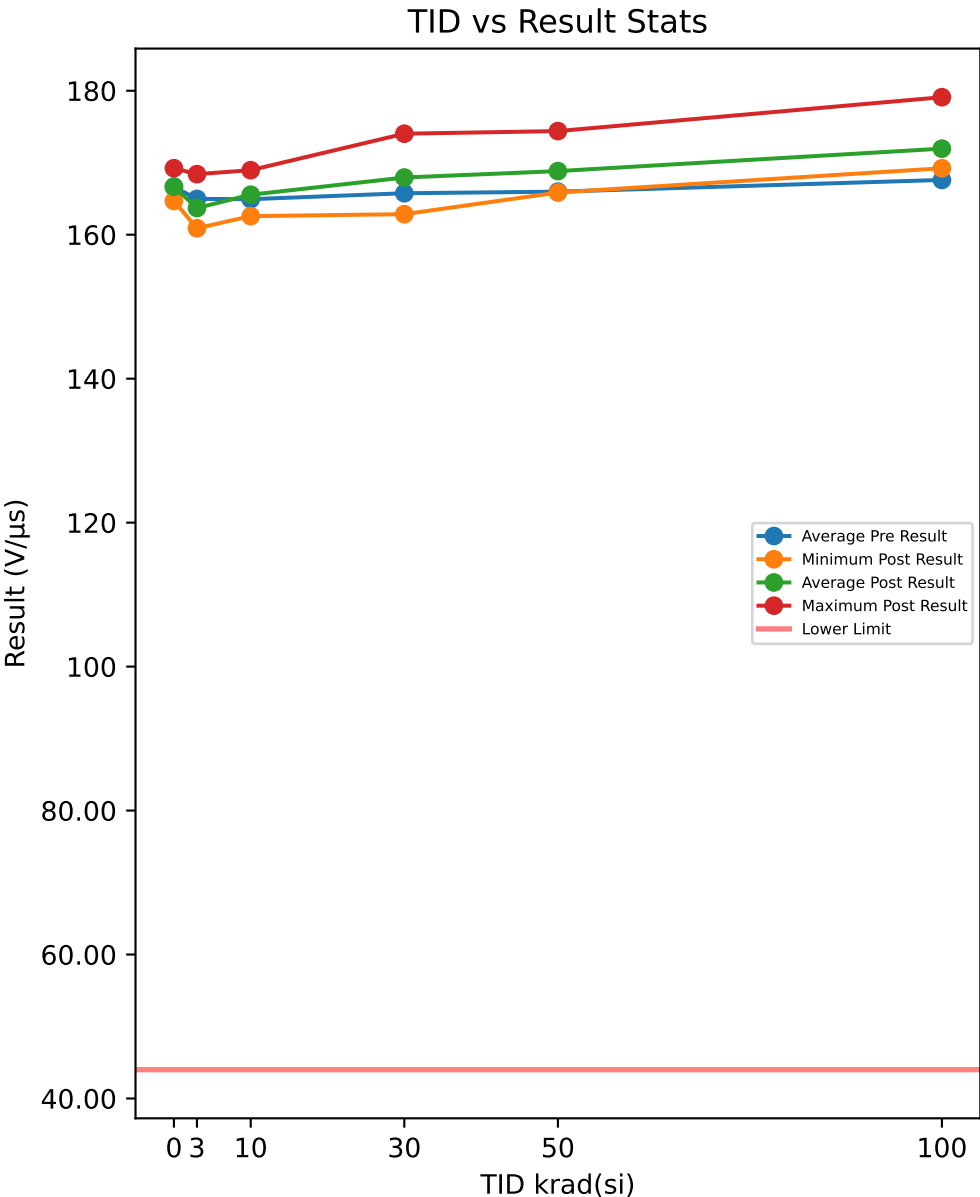
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.71	193.84	195.95	1.8305	193.25	194.64	196.94	2.0014	0.394	0.80233	1.029	0.35434
3	190.33	195.3	197.36	2.2624	189.97	194.53	197.28	2.0859	-1.86	-0.7679	0.969	0.86458
10	191.98	193.62	195.37	1.3052	193.23	194.88	196.77	1.1453	-0.045	1.2548	2.492	0.81511
30	192.13	194.66	199.41	2.43	195.79	197.99	201.42	2.1362	2.003	3.3281	4.101	0.62582
50	191.12	194.4	199.3	2.5772	193.69	197.89	201.79	2.4899	1.049	3.4938	5.11	1.2785
100	192.66	196.34	198.41	1.999	198.64	201.06	204.23	1.9711	3.575	4.7194	6.59	1.0609



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	196.21	196.13	-0.081
301	0	Correlation	198.17	198.74	0.565
302	0	Correlation	201.99	202.74	0.744
303	3	Bias	196.55	194.05	-2.493
304	3	Bias	194.6	194.25	-0.344
305	3	Bias	201.56	199.47	-2.093
306	3	Bias	197.6	196.56	-1.036
307	3	Bias	194.96	192.19	-2.769
308	3	Unbiased	195.42	193.29	-2.132
309	3	Unbiased	194.93	195.32	0.392
310	3	Unbiased	193.15	193.77	0.618
311	3	Unbiased	197.75	198.25	0.498
312	3	Unbiased	197.64	198.43	0.795
313	10	Bias	195.18	196.39	1.214
314	10	Bias	199.31	199.77	0.464
315	10	Bias	198.49	199.39	0.898
316	10	Bias	197.1	197.74	0.639
317	10	Bias	195.47	196.84	1.369
318	10	Unbiased	199.71	201.85	2.145
319	10	Unbiased	194.01	194.53	0.523
320	10	Unbiased	196.71	198.05	1.337
321	10	Unbiased	196.79	198.47	1.673
322	10	Unbiased	194.47	195.26	0.784
323	30	Bias	192.02	195.21	3.187
324	30	Bias	197.66	198.89	1.234
325	30	Bias	203.75	207.13	3.379
326	30	Bias	199.47	201.61	2.141
327	30	Bias	193.8	196.22	2.417
328	30	Unbiased	202.42	204.83	2.414
329	30	Unbiased	191.17	193.98	2.813
330	30	Unbiased	204.75	208.17	3.413
331	30	Unbiased	196.64	199.84	3.203
332	30	Unbiased	197.58	201.11	3.525
333	50	Bias	201.71	204.5	2.79
334	50	Bias	203.47	207.03	3.56
335	50	Bias	193.02	198.64	5.617
336	50	Bias	194.39	199.66	5.271
337	50	Bias	197.59	201.47	3.886
338	50	Unbiased	196.5	200.62	4.126
339	50	Unbiased	206.03	208.02	1.99
340	50	Unbiased	196.29	198.27	1.981
341	50	Unbiased	195.71	199.91	4.199
342	50	Unbiased	200.15	201.47	1.32
343	100	Bias	202.9	207.11	4.212
344	100	Bias	200.5	206.65	6.151
345	100	Bias	198.74	203.89	5.151
346	100	Bias	198.38	203.73	5.354
347	100	Bias	202.84	208.91	6.075
348	100	Unbiased	199.57	204.77	5.197
349	100	Unbiased	196.75	202.01	5.268
350	100	Unbiased	198.04	203.92	5.881
351	100	Unbiased	197.59	203.64	6.048
352	100	Unbiased	207.7	212.13	4.426

Test Statistics (V/μs)

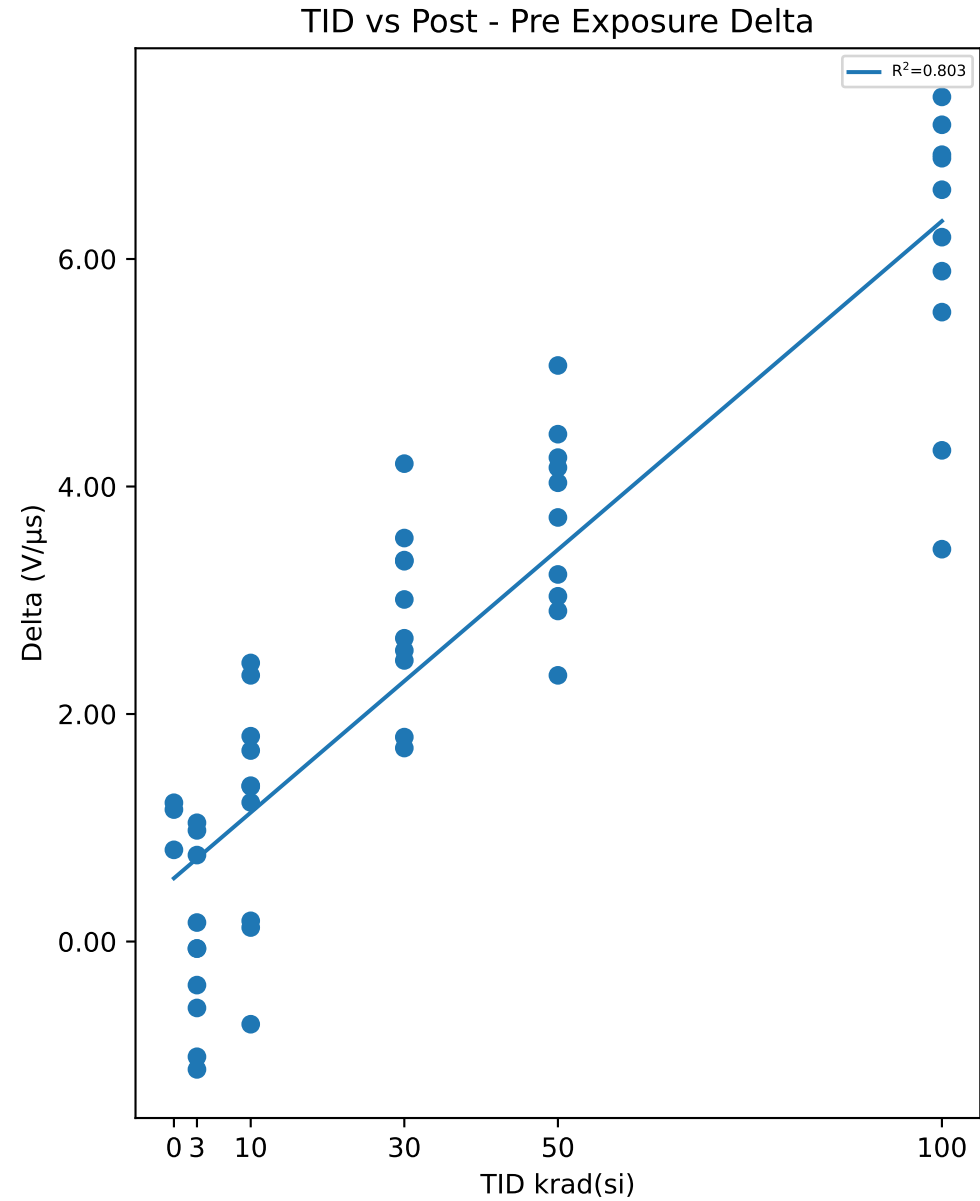
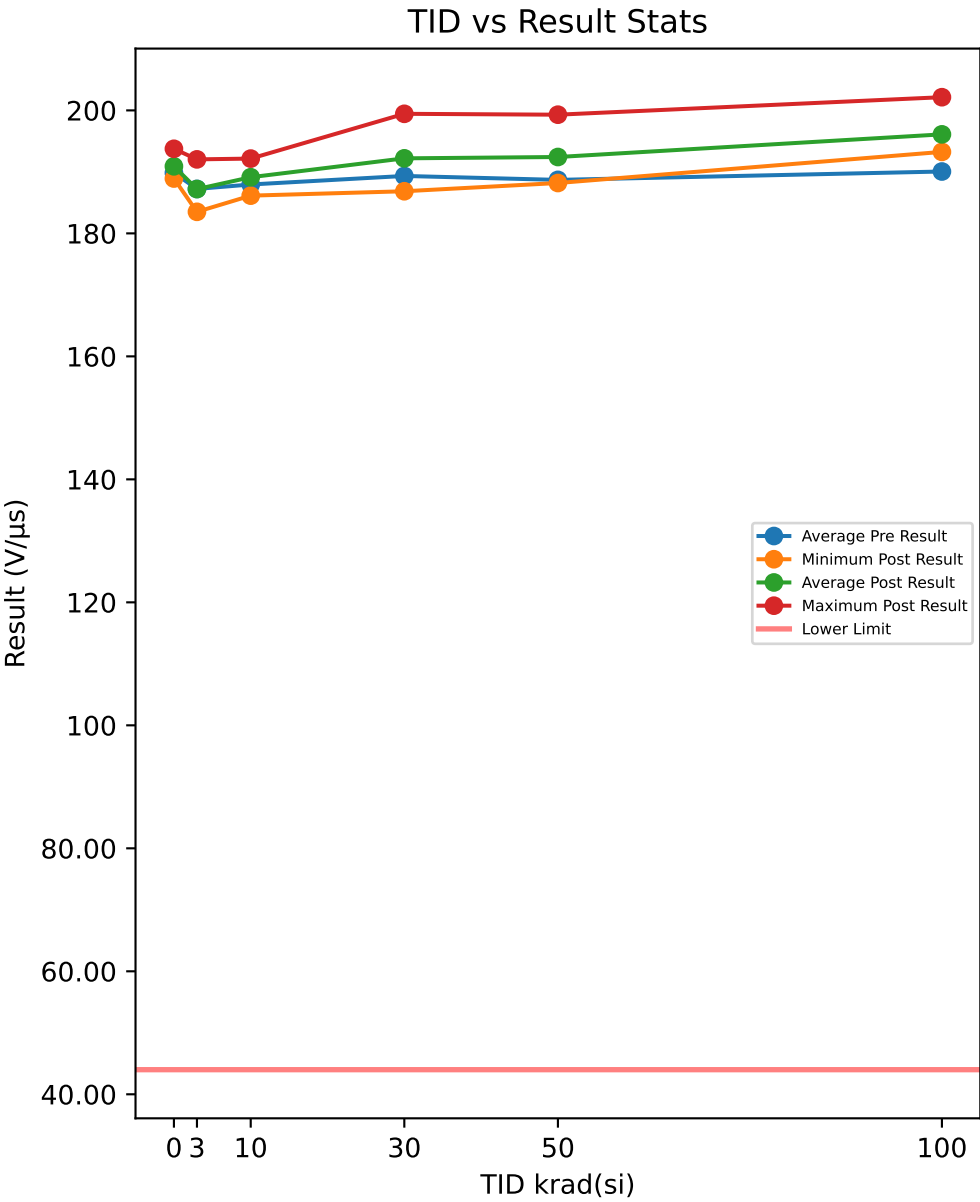
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	196.21	198.79	201.99	2.942	196.13	199.2	202.74	3.3294	-0.081	0.40933	0.744	0.43397
3	193.15	196.42	201.56	2.3685	192.19	195.56	199.47	2.4835	-2.769	-0.8564	0.795	1.4174
10	194.01	196.72	199.71	1.9795	194.53	197.83	201.85	2.1961	0.464	1.1046	2.145	0.54286
30	191.17	197.93	204.75	4.7426	193.98	200.7	208.17	4.8819	1.234	2.7726	3.525	0.72448
50	193.02	198.49	206.03	4.202	198.27	201.96	208.02	3.4212	1.32	3.474	5.617	1.4333
100	196.75	200.3	207.7	3.3291	202.01	205.68	212.13	3.0466	4.212	5.3763	6.151	0.67889



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	164.68	164.69	0.01
301	0	Correlation	166.25	166.09	-0.153
302	0	Correlation	169	169.24	0.237
303	3	Bias	165.08	163.13	-1.949
304	3	Bias	162.79	160.9	-1.891
305	3	Bias	170.73	168.41	-2.316
306	3	Bias	165.91	163.63	-2.273
307	3	Bias	163.16	161.09	-2.062
308	3	Unbiased	163.56	161.7	-1.86
309	3	Unbiased	163.32	163.39	0.063
310	3	Unbiased	162.17	162.68	0.505
311	3	Unbiased	166.85	166.55	-0.306
312	3	Unbiased	166.18	165.58	-0.603
313	10	Bias	163.82	163.88	0.059
314	10	Bias	166.31	166.53	0.211
315	10	Bias	166.86	167.82	0.963
316	10	Bias	165.13	165.51	0.383
317	10	Bias	163.6	164.36	0.757
318	10	Unbiased	167.63	168.97	1.335
319	10	Unbiased	162.93	163.47	0.539
320	10	Unbiased	164.47	166.52	2.055
321	10	Unbiased	165.91	165.96	0.051
322	10	Unbiased	162.71	162.58	-0.131
323	30	Bias	161.03	162.85	1.818
324	30	Bias	165.56	167.33	1.769
325	30	Bias	169.44	171.5	2.056
326	30	Bias	166.99	169.41	2.419
327	30	Bias	163.31	165.91	2.596
328	30	Unbiased	169.2	171.74	2.537
329	30	Unbiased	161.52	163.01	1.486
330	30	Unbiased	171.25	174.03	2.783
331	30	Unbiased	162.68	164.75	2.078
332	30	Unbiased	166.63	168.92	2.294
333	50	Bias	167.69	170.88	3.191
334	50	Bias	169.05	173.35	4.304
335	50	Bias	162.3	165.86	3.56
336	50	Bias	161.93	166.06	4.129
337	50	Bias	164.51	168.35	3.835
338	50	Unbiased	164.14	167.56	3.424
339	50	Unbiased	172.54	174.4	1.857
340	50	Unbiased	164.65	166.34	1.689
341	50	Unbiased	165.15	166.7	1.547
342	50	Unbiased	167.84	168.87	1.032
343	100	Bias	169.76	172.82	3.058
344	100	Bias	168.46	171.47	3.007
345	100	Bias	166.42	170.41	3.987
346	100	Bias	164.26	169.23	4.967
347	100	Bias	169.88	174.43	4.55
348	100	Unbiased	167.02	170.62	3.598
349	100	Unbiased	166.05	170.14	4.091
350	100	Unbiased	166.06	172.01	5.954
351	100	Unbiased	164.51	169.32	4.809
352	100	Unbiased	173.67	179.1	5.437

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	164.68	166.64	169	2.1871	164.69	166.67	169.24	2.3283	-0.153	0.031333	0.237	0.19587
3	162.17	164.97	170.73	2.5743	160.9	163.71	168.41	2.4485	-2.316	-1.2692	0.505	1.0658
10	162.71	164.94	167.63	1.7025	162.58	165.56	168.97	2.0079	-0.131	0.6222	2.055	0.67818
30	161.03	165.76	171.25	3.5533	162.85	167.95	174.03	3.8323	1.486	2.1836	2.783	0.41385
50	161.93	165.98	172.54	3.2784	165.86	168.84	174.4	3.0682	1.032	2.8568	4.304	1.2021
100	164.26	167.61	173.67	2.8793	169.23	171.95	179.1	2.9824	3.007	4.3458	5.954	0.97882

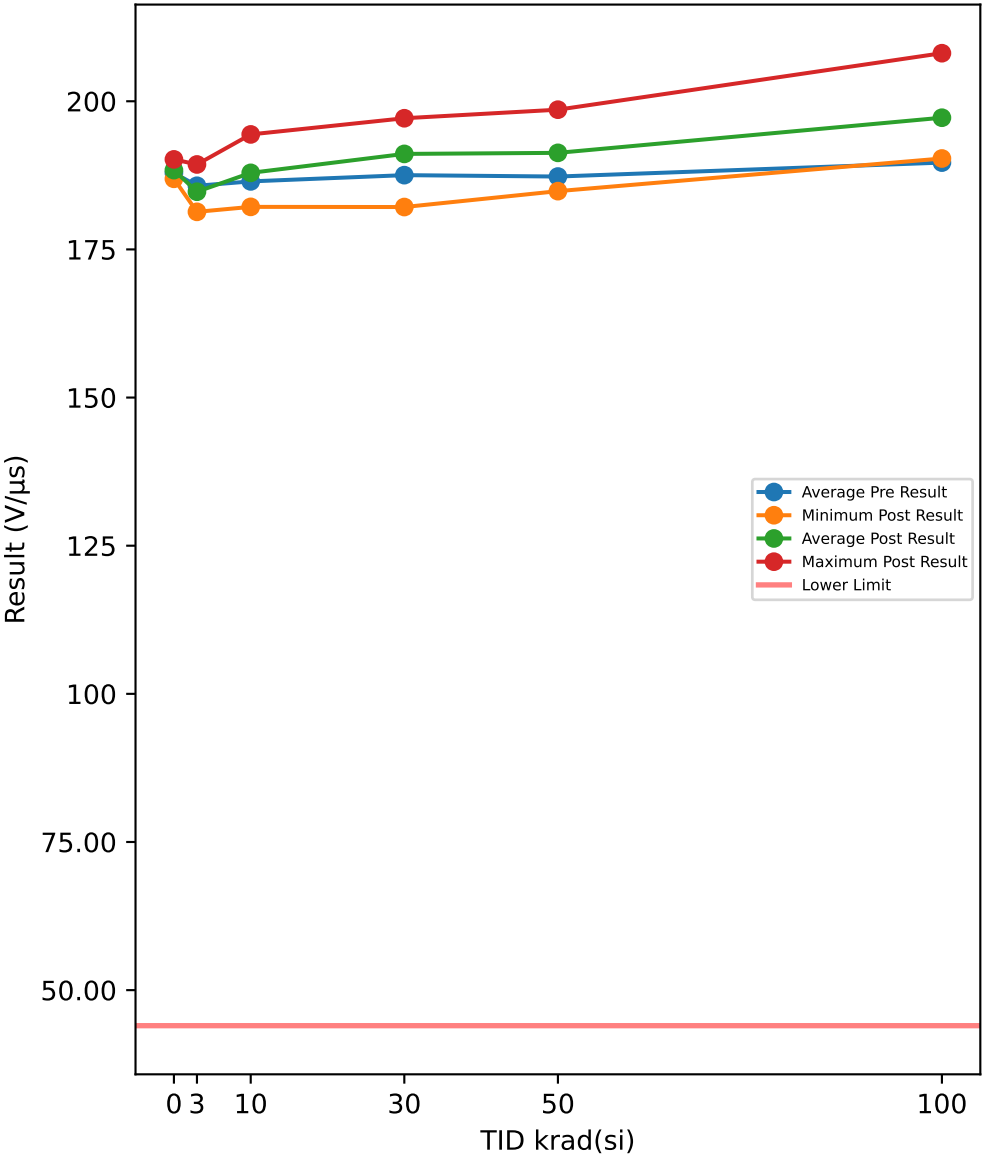


Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	187.7	188.92	1.22
301	0	Correlation	189.23	190.04	0.806
302	0	Correlation	192.59	193.75	1.16
303	3	Bias	186.74	186.67	-0.062
304	3	Bias	184.09	183.5	-0.584
305	3	Bias	193.16	192.03	-1.124
306	3	Bias	188.35	187.34	-1.013
307	3	Bias	184.77	184.71	-0.061
308	3	Unbiased	185.07	185.24	0.167
309	3	Unbiased	185.9	186.87	0.977
310	3	Unbiased	184.69	185.73	1.044
311	3	Unbiased	189.99	190.75	0.76
312	3	Unbiased	189.56	189.18	-0.383
313	10	Bias	185.8	188.25	2.449
314	10	Bias	190.52	190.64	0.123
315	10	Bias	189.82	192.16	2.34
316	10	Bias	187.1	188.91	1.805
317	10	Bias	186.06	187.28	1.223
318	10	Unbiased	191.53	191.71	0.182
319	10	Unbiased	185.82	187.19	1.37
320	10	Unbiased	189.65	188.92	-0.727
321	10	Unbiased	188.75	190.12	1.364
322	10	Unbiased	184.46	186.14	1.679
323	30	Bias	183.89	186.9	3.007
324	30	Bias	188.03	190.7	2.666
325	30	Bias	193.04	196.39	3.353
326	30	Bias	191.54	193.24	1.701
327	30	Bias	186.87	189.34	2.471
328	30	Unbiased	193.57	195.37	1.797
329	30	Unbiased	184.29	186.85	2.559
330	30	Unbiased	195.24	199.44	4.201
331	30	Unbiased	186.63	190.18	3.547
332	30	Unbiased	190.29	193.63	3.343
333	50	Bias	190.81	194.97	4.166
334	50	Bias	193.41	197.14	3.728
335	50	Bias	184.76	189.22	4.46
336	50	Bias	185.38	189.64	4.254
337	50	Bias	188.37	193.43	5.064
338	50	Unbiased	187.21	191.24	4.033
339	50	Unbiased	196.96	199.3	2.34
340	50	Unbiased	185.6	188.64	3.035
341	50	Unbiased	184.97	188.19	3.227
342	50	Unbiased	189.51	192.42	2.906
343	100	Bias	193.96	197.41	3.449
344	100	Bias	190.42	194.73	4.318
345	100	Bias	186.36	193.54	7.18
346	100	Bias	187.01	193.93	6.917
347	100	Bias	193.8	200	6.192
348	100	Unbiased	189.69	195.59	5.893
349	100	Unbiased	186.64	193.25	6.609
350	100	Unbiased	189.51	196.93	7.425
351	100	Unbiased	186.61	193.49	6.886
352	100	Unbiased	196.61	202.15	5.533

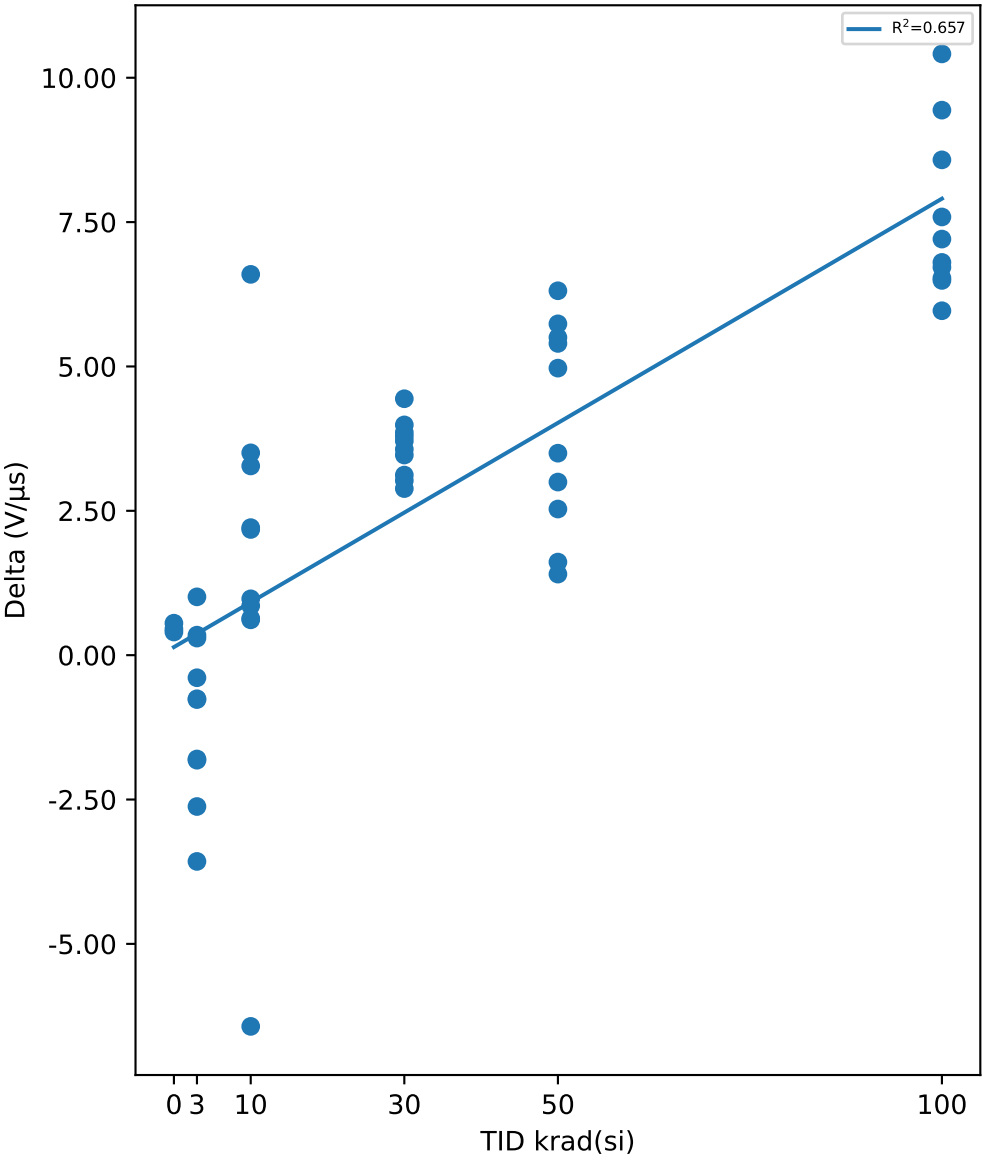
Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	187.7	189.84	192.59	2.5033	188.92	190.91	193.75	2.5305	0.806	1.062	1.22	0.22372
3	184.09	187.23	193.16	2.9537	183.5	187.2	192.03	2.7108	-1.124	-0.0279	1.044	0.77653
10	184.46	187.95	191.53	2.406	186.14	189.13	192.16	2.0038	-0.727	1.1808	2.449	1.0229
30	183.89	189.34	195.24	3.9796	186.85	192.2	199.44	4.1431	1.701	2.8645	4.201	0.78321
50	184.76	188.7	196.96	4.0539	188.19	192.42	199.3	3.7814	2.34	3.7213	5.064	0.83102
100	186.36	190.06	196.61	3.6409	193.25	196.1	202.15	3.0265	3.449	6.0402	7.425	1.2913

TID vs Result Stats



TID vs Post - Pre Exposure Delta



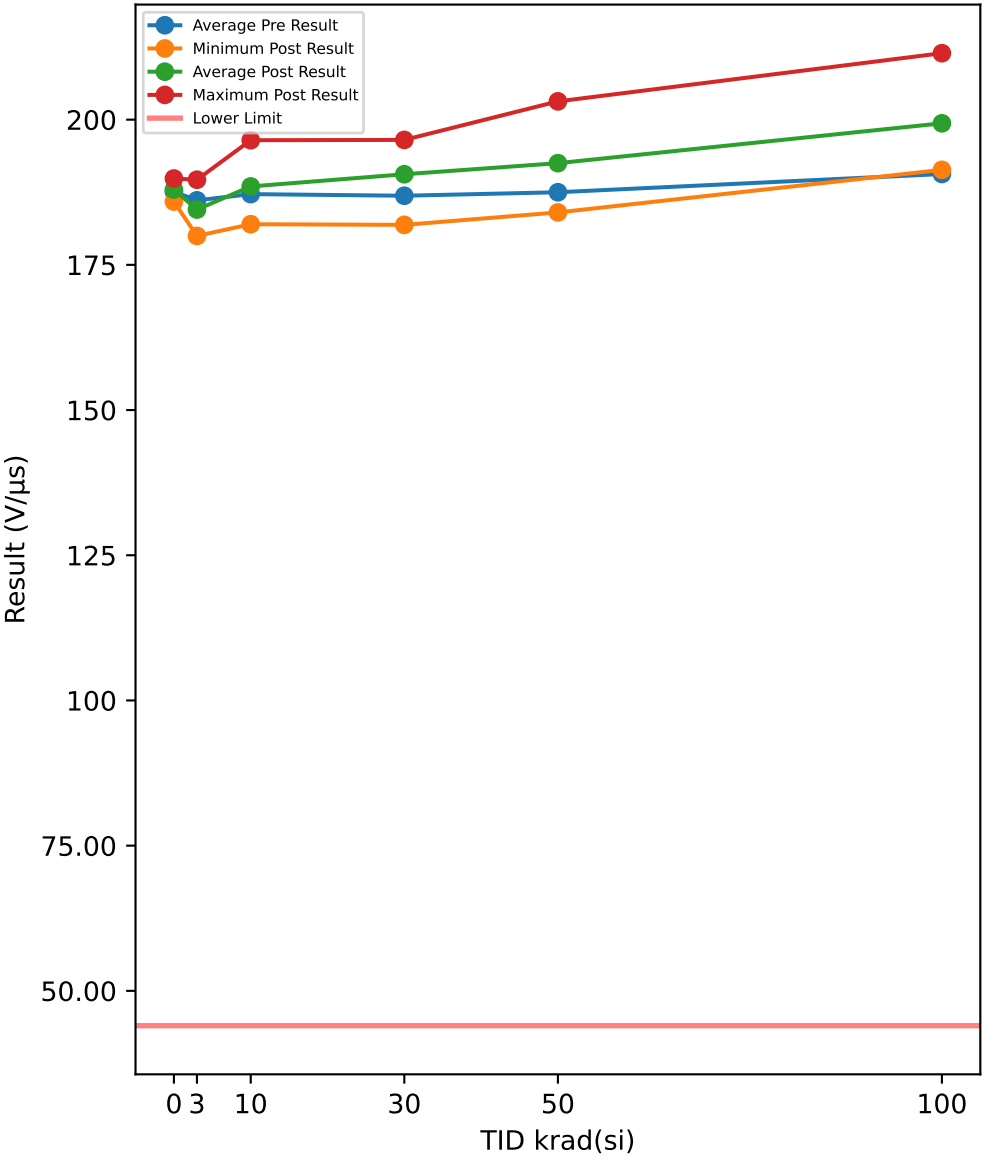
Test Results (Lower Limit = 44.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	186.51	186.92	0.401
301	0	Correlation	187.49	188.04	0.554
302	0	Correlation	189.74	190.19	0.453
303	3	Bias	185.66	183.86	-1.798
304	3	Bias	183.16	181.34	-1.819
305	3	Bias	192.91	189.34	-3.572
306	3	Bias	189.17	186.54	-2.621
307	3	Bias	182.22	181.47	-0.755
308	3	Unbiased	183.24	182.47	-0.769
309	3	Unbiased	184.53	184.88	0.347
310	3	Unbiased	182.38	183.39	1.01
311	3	Unbiased	189.44	189.05	-0.391
312	3	Unbiased	184.69	184.98	0.296
313	10	Bias	185.85	186.49	0.638
314	10	Bias	182.61	183.47	0.856
315	10	Bias	189.78	193.05	3.277
316	10	Bias	189.63	190.25	0.612
317	10	Bias	185.39	188.9	3.504
318	10	Unbiased	185.96	188.13	2.177
319	10	Unbiased	181.35	183.56	2.209
320	10	Unbiased	187.81	194.41	6.595
321	10	Unbiased	195.19	188.76	-6.429
322	10	Unbiased	181.2	182.18	0.976
323	30	Bias	178.29	182.15	3.857
324	30	Bias	185.7	188.58	2.885
325	30	Bias	188.68	193.12	4.441
326	30	Bias	190.47	194.46	3.988
327	30	Bias	188.45	191.57	3.119
328	30	Unbiased	191.96	195.42	3.466
329	30	Unbiased	183.87	186.9	3.024
330	30	Unbiased	193.57	197.13	3.566
331	30	Unbiased	187.61	191.32	3.71
332	30	Unbiased	186.72	190.5	3.788
333	50	Bias	192.27	198.58	6.311
334	50	Bias	189.16	194.66	5.502
335	50	Bias	184.1	189.5	5.399
336	50	Bias	185.78	189.27	3.498
337	50	Bias	187.59	193.33	5.738
338	50	Unbiased	183.81	188.78	4.971
339	50	Unbiased	194.36	195.98	1.612
340	50	Unbiased	181.83	184.83	2.998
341	50	Unbiased	186.5	189.03	2.531
342	50	Unbiased	187.56	188.97	1.404
343	100	Bias	194.77	201.97	7.206
344	100	Bias	193.2	199.69	6.49
345	100	Bias	186.25	192.22	5.965
346	100	Bias	187.74	194.46	6.718
347	100	Bias	199.53	208.11	8.578
348	100	Unbiased	186.47	194.06	7.589
349	100	Unbiased	188.61	195.14	6.533
350	100	Unbiased	184.94	195.36	10.413
351	100	Unbiased	183.54	190.34	6.802
352	100	Unbiased	191.45	200.89	9.439

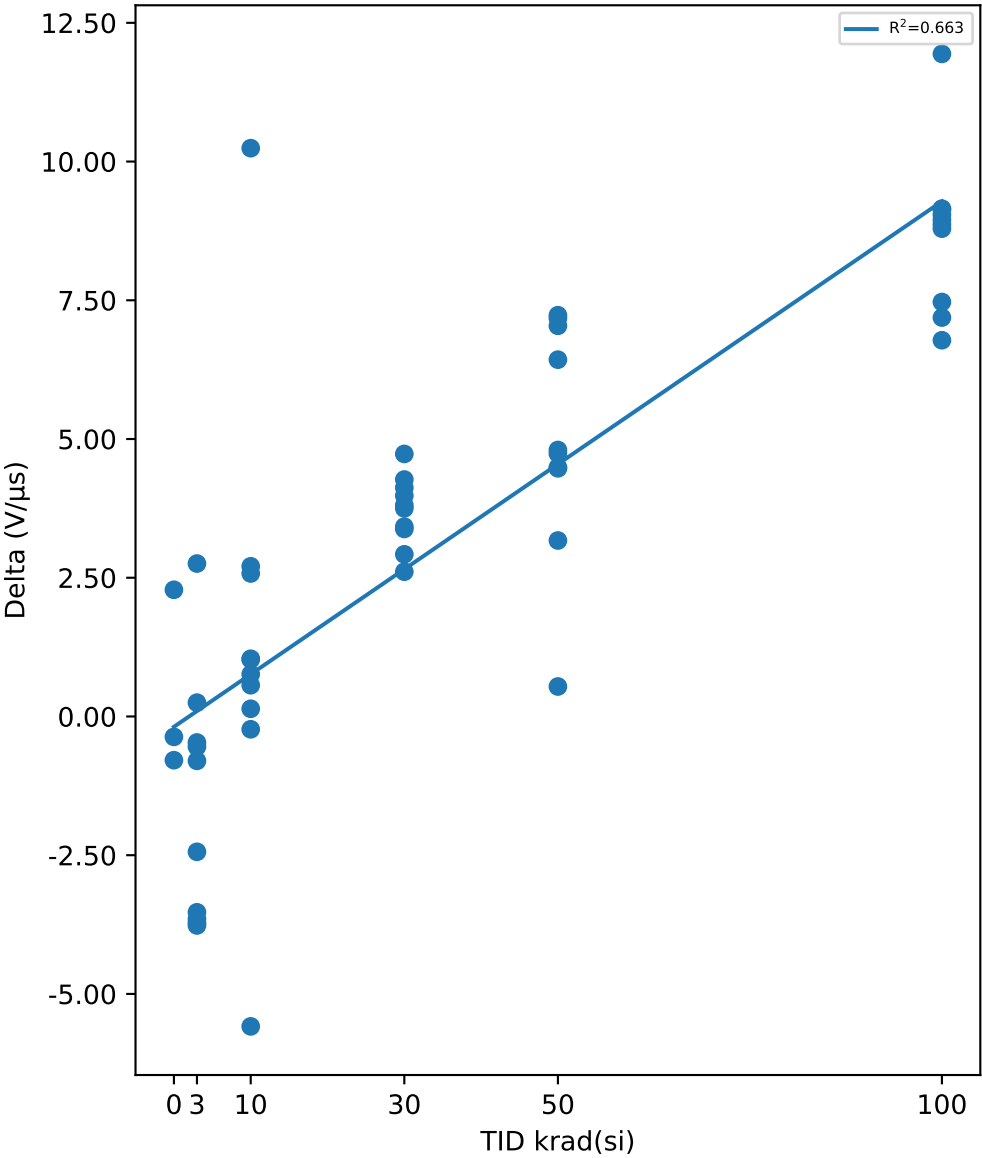
Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	186.51	187.91	189.74	1.6539	186.92	188.38	190.19	1.6647	0.401	0.46933	0.554	0.077797
3	182.22	185.74	192.91	3.5893	181.34	184.73	189.34	2.8488	-3.572	-1.0072	1.01	1.4364
10	181.2	186.48	195.19	4.3389	182.18	187.92	194.41	4.0737	-6.429	1.4415	6.595	3.3191
30	178.29	187.53	193.57	4.3407	182.15	191.12	197.13	4.4118	2.885	3.5844	4.441	0.4787
50	181.83	187.3	194.36	3.8503	184.83	191.29	198.58	4.1686	1.404	3.9964	6.311	1.8066
100	183.54	189.65	199.53	5.0067	190.34	197.22	208.11	5.3597	5.965	7.5733	10.413	1.4475

TID vs Result Stats



TID vs Post - Pre Exposure Delta

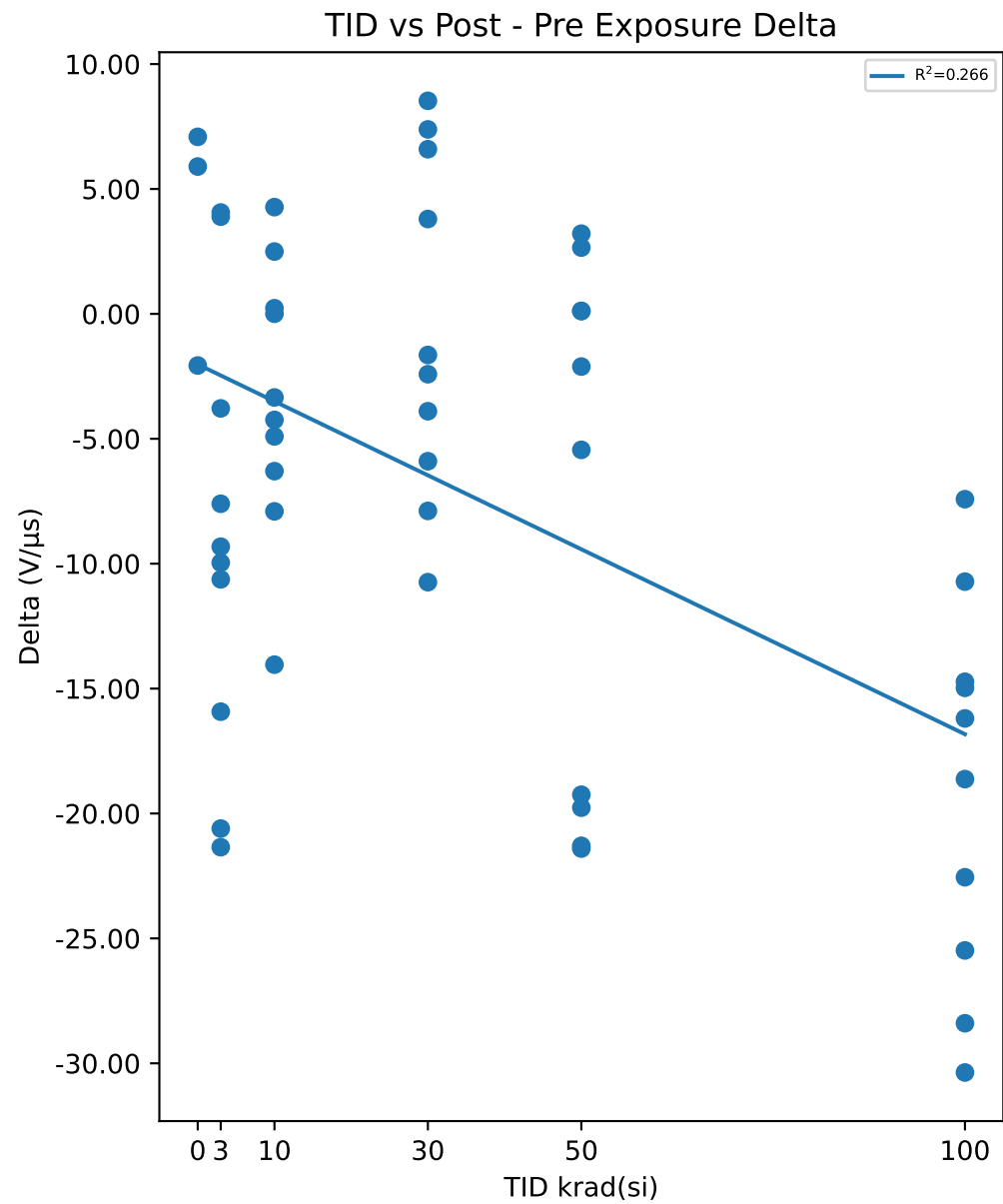
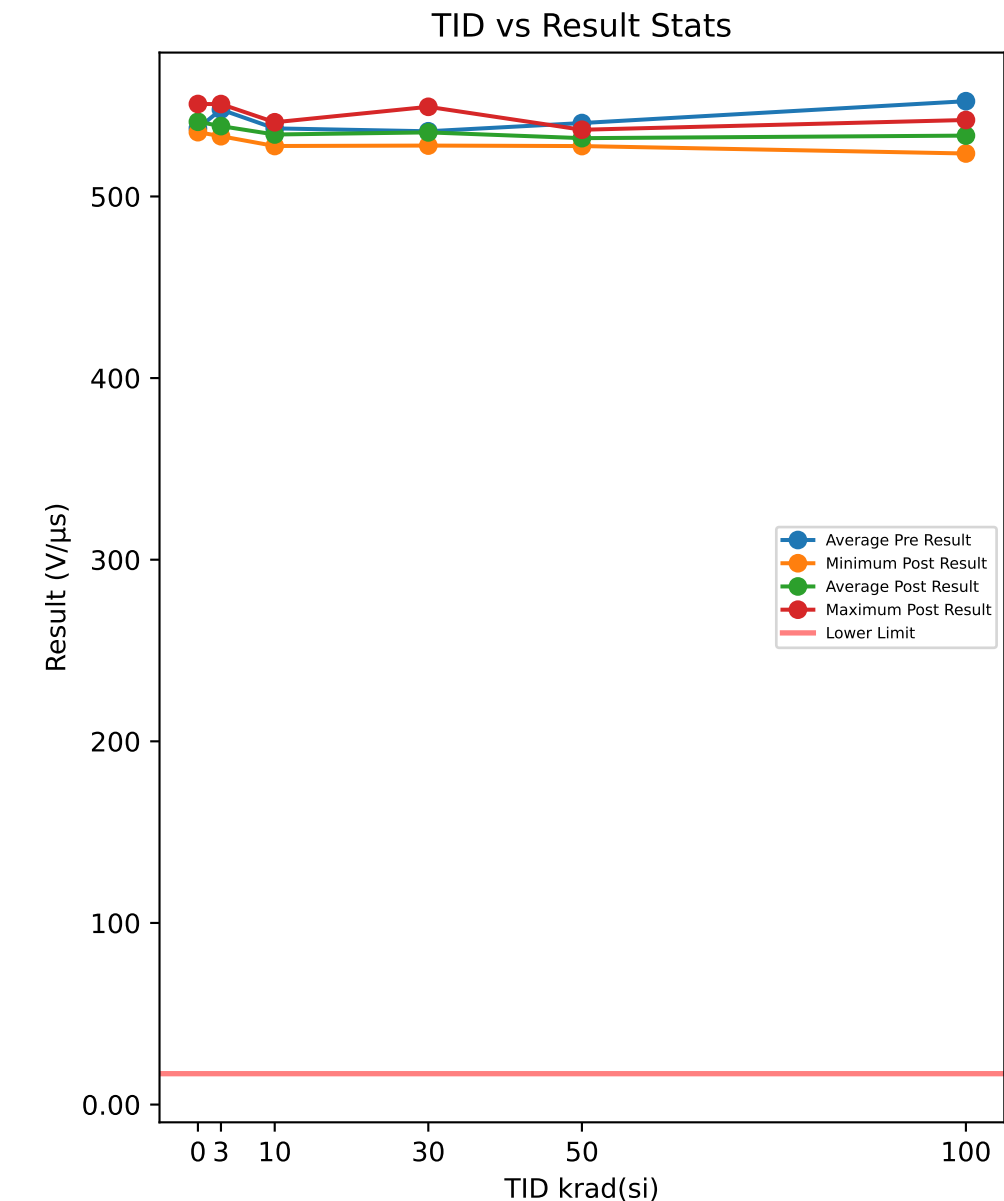


Test Results (Lower Limit = 44.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	186.68	185.9	-0.788
301	0	Correlation	185.85	188.13	2.283
302	0	Correlation	190.23	189.87	-0.368
303	3	Bias	186.59	183.06	-3.529
304	3	Bias	185.67	181.95	-3.721
305	3	Bias	190.46	189.66	-0.8
306	3	Bias	188.66	184.9	-3.766
307	3	Bias	183.63	179.98	-3.651
308	3	Unbiased	184.56	182.12	-2.439
309	3	Unbiased	184.84	185.09	0.249
310	3	Unbiased	184.3	183.83	-0.469
311	3	Unbiased	186.44	189.2	2.756
312	3	Unbiased	185.94	185.39	-0.545
313	10	Bias	185.58	186.34	0.761
314	10	Bias	185.94	186.97	1.04
315	10	Bias	193.75	196.46	2.706
316	10	Bias	188.4	188.54	0.139
317	10	Bias	187.56	187.33	-0.231
318	10	Unbiased	189.98	191.01	1.028
319	10	Unbiased	179.57	182.14	2.577
320	10	Unbiased	185.75	195.99	10.241
321	10	Unbiased	193.8	188.21	-5.585
322	10	Unbiased	181.43	182	0.563
323	30	Bias	178.51	181.89	3.379
324	30	Bias	183.82	187.63	3.809
325	30	Bias	189.95	192.87	2.922
326	30	Bias	189.62	194.35	4.731
327	30	Bias	188.51	192.63	4.123
328	30	Unbiased	190.22	192.83	2.609
329	30	Unbiased	182.89	186.31	3.421
330	30	Unbiased	192.76	196.51	3.75
331	30	Unbiased	185.69	189.67	3.979
332	30	Unbiased	187.03	191.3	4.27
333	50	Bias	196.11	203.15	7.04
334	50	Bias	189.33	196.56	7.231
335	50	Bias	184.63	191.06	6.43
336	50	Bias	184.72	189.21	4.49
337	50	Bias	188.64	195.82	7.176
338	50	Unbiased	182.14	186.94	4.802
339	50	Unbiased	193.08	196.25	3.171
340	50	Unbiased	183.49	184.03	0.54
341	50	Unbiased	184.58	189.31	4.737
342	50	Unbiased	188.28	192.75	4.472
343	100	Bias	199.7	208.85	9.151
344	100	Bias	193.67	201.14	7.469
345	100	Bias	186.09	195.22	9.137
346	100	Bias	187.49	194.27	6.78
347	100	Bias	202.49	211.44	8.95
348	100	Unbiased	188.62	197.41	8.791
349	100	Unbiased	185.66	192.85	7.189
350	100	Unbiased	185.19	194.23	9.043
351	100	Unbiased	182.49	191.36	8.866
352	100	Unbiased	194.99	206.93	11.94

Test Statistics (V/μs)

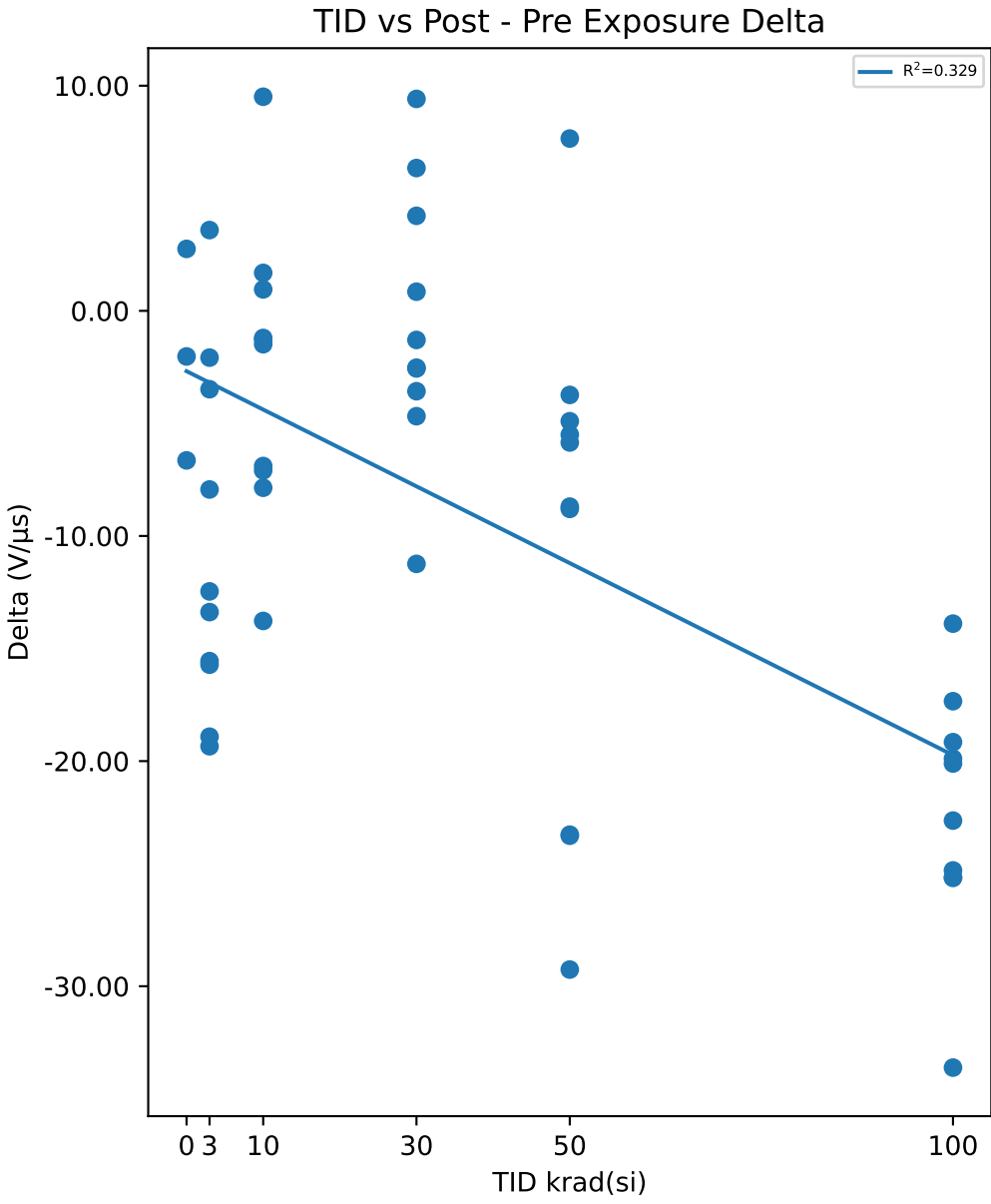
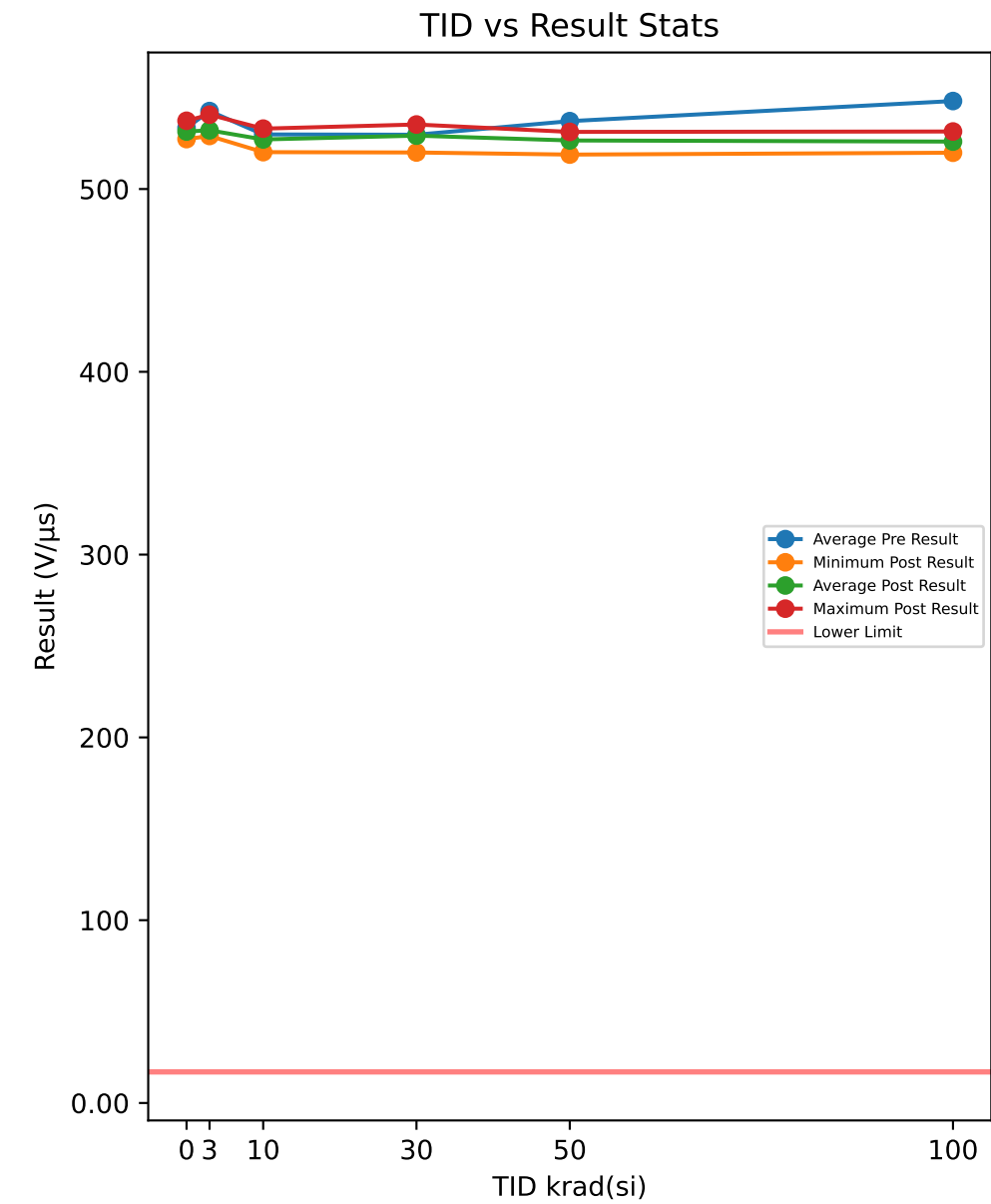
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	185.85	187.59	190.23	2.3273	185.9	187.97	189.87	1.9904	-0.788	0.37567	2.283	1.6651
3	183.63	186.11	190.46	2.0944	179.98	184.52	189.66	3.0752	-3.766	-1.5915	2.756	2.1921
10	179.57	187.18	193.8	4.6384	182	188.5	196.46	4.9087	-5.585	1.3239	10.241	3.8818
30	178.51	186.9	192.76	4.2449	181.89	190.6	196.51	4.3179	2.609	3.6993	4.731	0.63556
50	182.14	187.5	196.11	4.4698	184.03	192.51	203.15	5.5851	0.54	5.0089	7.231	2.103
100	182.49	190.64	202.49	6.7184	191.36	199.37	211.44	7.2724	6.78	8.7316	11.94	1.4369



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	537.47	535.4	-2.067
301	0	Correlation	545.01	550.91	5.899
302	0	Correlation	529.98	537.06	7.087
303	3	Bias	549.51	539.55	-9.962
304	3	Bias	555.51	534.16	-21.348
305	3	Bias	549.9	533.98	-15.924
306	3	Bias	555.7	535.1	-20.603
307	3	Bias	549.55	540.23	-9.319
308	3	Unbiased	543.8	533.17	-10.627
309	3	Unbiased	538.65	542.54	3.892
310	3	Unbiased	539.65	535.87	-3.783
311	3	Unbiased	549.41	541.81	-7.601
312	3	Unbiased	546.82	550.88	4.058
313	10	Bias	537.65	532.74	-4.905
314	10	Bias	540.85	540.85	0.005
315	10	Bias	535.69	527.78	-7.905
316	10	Bias	538.16	540.66	2.495
317	10	Bias	530.07	530.3	0.227
318	10	Unbiased	537.12	533.77	-3.346
319	10	Unbiased	541.62	535.33	-6.296
320	10	Unbiased	541.91	527.87	-14.042
321	10	Unbiased	536.55	532.3	-4.245
322	10	Unbiased	535.25	539.53	4.274
323	30	Bias	529.72	536.31	6.592
324	30	Bias	532.66	540.04	7.385
325	30	Bias	532.45	528.55	-3.897
326	30	Bias	545.56	549.36	3.798
327	30	Bias	536.96	535.31	-1.645
328	30	Unbiased	536.72	530.82	-5.898
329	30	Unbiased	536.35	533.93	-2.415
330	30	Unbiased	543.08	532.34	-10.74
331	30	Unbiased	529.56	538.09	8.529
332	30	Unbiased	535.91	528.02	-7.887
333	50	Bias	536.61	536.73	0.121
334	50	Bias	531.23	534.44	3.211
335	50	Bias	531.76	531.88	0.111
336	50	Bias	538.46	536.35	-2.109
337	50	Bias	525.1	527.75	2.654
338	50	Unbiased	536.8	531.36	-5.443
339	50	Unbiased	550.21	528.92	-21.294
340	50	Unbiased	548.4	528.63	-19.767
341	50	Unbiased	552.66	531.26	-21.404
342	50	Unbiased	552.96	533.71	-19.249
343	100	Bias	549.52	542.1	-7.418
344	100	Bias	547.74	532.77	-14.971
345	100	Bias	557.46	541.27	-16.195
346	100	Bias	545.96	535.24	-10.718
347	100	Bias	557.54	527.17	-30.368
348	100	Unbiased	550.51	531.89	-18.623
349	100	Unbiased	549.08	534.35	-14.726
350	100	Unbiased	562.01	533.62	-28.397
351	100	Unbiased	549.14	523.66	-25.482
352	100	Unbiased	555.53	532.98	-22.552

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	529.98	537.48	545.01	7.5155	535.4	541.12	550.91	8.512	-2.067	3.6397	7.087	4.9777
3	538.65	547.85	555.7	5.7928	533.17	538.73	550.88	5.4786	-21.348	-9.1217	4.058	8.8472
10	530.07	537.49	541.91	3.5379	527.78	534.11	540.85	4.9207	-14.042	-3.3738	4.274	5.4088
30	529.56	535.9	545.56	5.2451	528.02	535.28	549.36	6.3089	-10.74	-0.6178	8.529	6.8102
50	525.1	540.42	552.96	9.9569	527.75	532.1	536.73	3.1613	-21.404	-8.3169	3.211	10.711
100	545.96	552.45	562.01	5.2809	523.66	533.5	542.1	5.562	-30.368	-18.945	-7.418	7.582

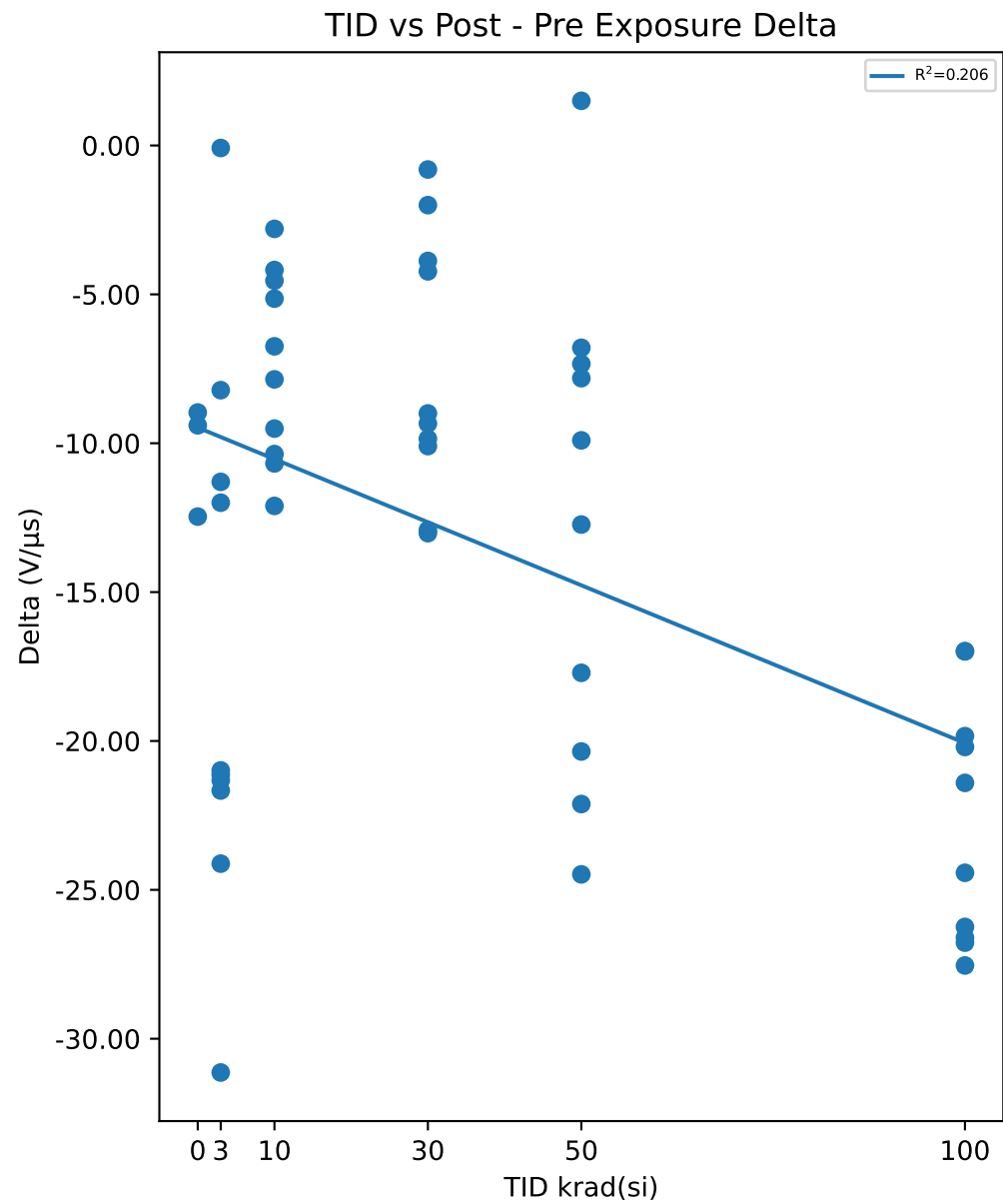
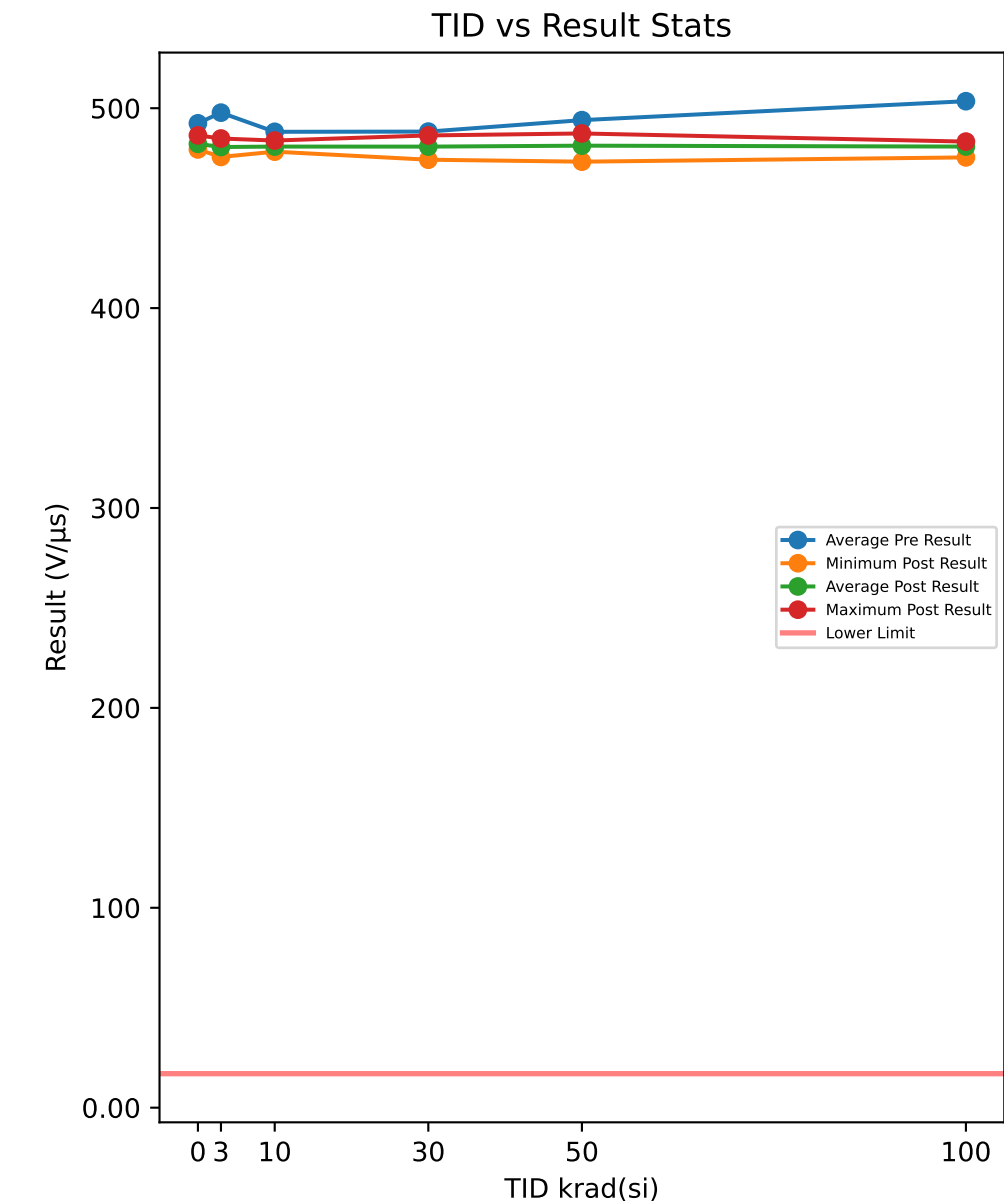


Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	529.35	527.32	-2.026
301	0	Correlation	543.98	537.34	-6.643
302	0	Correlation	526.94	529.69	2.752
303	3	Bias	545.43	532.97	-12.462
304	3	Bias	543.63	530.25	-13.381
305	3	Bias	551.82	532.48	-19.34
306	3	Bias	547.94	529.02	-18.915
307	3	Bias	547.59	532.03	-15.559
308	3	Unbiased	545.78	530.07	-15.717
309	3	Unbiased	537.1	529.17	-7.935
310	3	Unbiased	531.88	529.8	-2.078
311	3	Unbiased	538.21	534.73	-3.482
312	3	Unbiased	537.09	540.67	3.588
313	10	Bias	530.94	532.62	1.685
314	10	Bias	534.01	532.53	-1.483
315	10	Bias	527.86	520.97	-6.893
316	10	Bias	523.52	533.03	9.51
317	10	Bias	533.95	520.17	-13.774
318	10	Unbiased	532.02	532.97	0.952
319	10	Unbiased	521.46	520.19	-1.269
320	10	Unbiased	534.49	526.63	-7.858
321	10	Unbiased	532.37	525.28	-7.09
322	10	Unbiased	527.98	526.78	-1.205
323	30	Bias	522.5	531.91	9.414
324	30	Bias	533.66	534.51	0.85
325	30	Bias	524.87	531.21	6.343
326	30	Bias	537.86	535.3	-2.559
327	30	Bias	531.23	519.99	-11.24
328	30	Unbiased	529	526.48	-2.525
329	30	Unbiased	527.5	531.72	4.221
330	30	Unbiased	532.06	527.38	-4.68
331	30	Unbiased	531.18	527.61	-3.571
332	30	Unbiased	527.16	525.87	-1.293
333	50	Bias	534.66	529.76	-4.904
334	50	Bias	523.6	531.25	7.654
335	50	Bias	532.28	526.43	-5.848
336	50	Bias	535.96	527.16	-8.797
337	50	Bias	522.58	518.84	-3.735
338	50	Unbiased	532.88	527.38	-5.501
339	50	Unbiased	548.27	525	-23.268
340	50	Unbiased	539.53	530.83	-8.697
341	50	Unbiased	550.64	521.38	-29.259
342	50	Unbiased	550.95	527.63	-23.314
343	100	Bias	549.9	525.05	-24.856
344	100	Bias	548.38	528.49	-19.889
345	100	Bias	551.57	531.47	-20.107
346	100	Bias	539.01	519.85	-19.159
347	100	Bias	543.62	526.28	-17.339
348	100	Unbiased	559.09	525.48	-33.615
349	100	Unbiased	550.15	524.99	-25.161
350	100	Unbiased	539.44	525.54	-13.893
351	100	Unbiased	544.41	521.77	-22.642
352	100	Unbiased	555.76	530.57	-25.187

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	526.94	533.42	543.98	9.2245	527.32	531.45	537.34	5.2363	-6.643	-1.9723	2.752	4.6977
3	531.88	542.65	551.82	6.2589	529.02	532.12	540.67	3.531	-19.34	-10.528	3.588	7.7398
10	521.46	529.86	534.49	4.5432	520.17	527.12	533.03	5.4418	-13.774	-2.7425	9.51	6.4419
30	522.5	529.7	537.86	4.4636	519.99	529.2	535.3	4.6233	-11.24	-0.504	9.414	5.967
50	522.58	537.13	550.95	10.259	518.84	526.57	531.25	3.9653	-29.259	-10.567	7.654	11.247
100	539.01	548.13	559.09	6.5862	519.85	525.95	531.47	3.5767	-33.615	-22.185	-13.893	5.4451

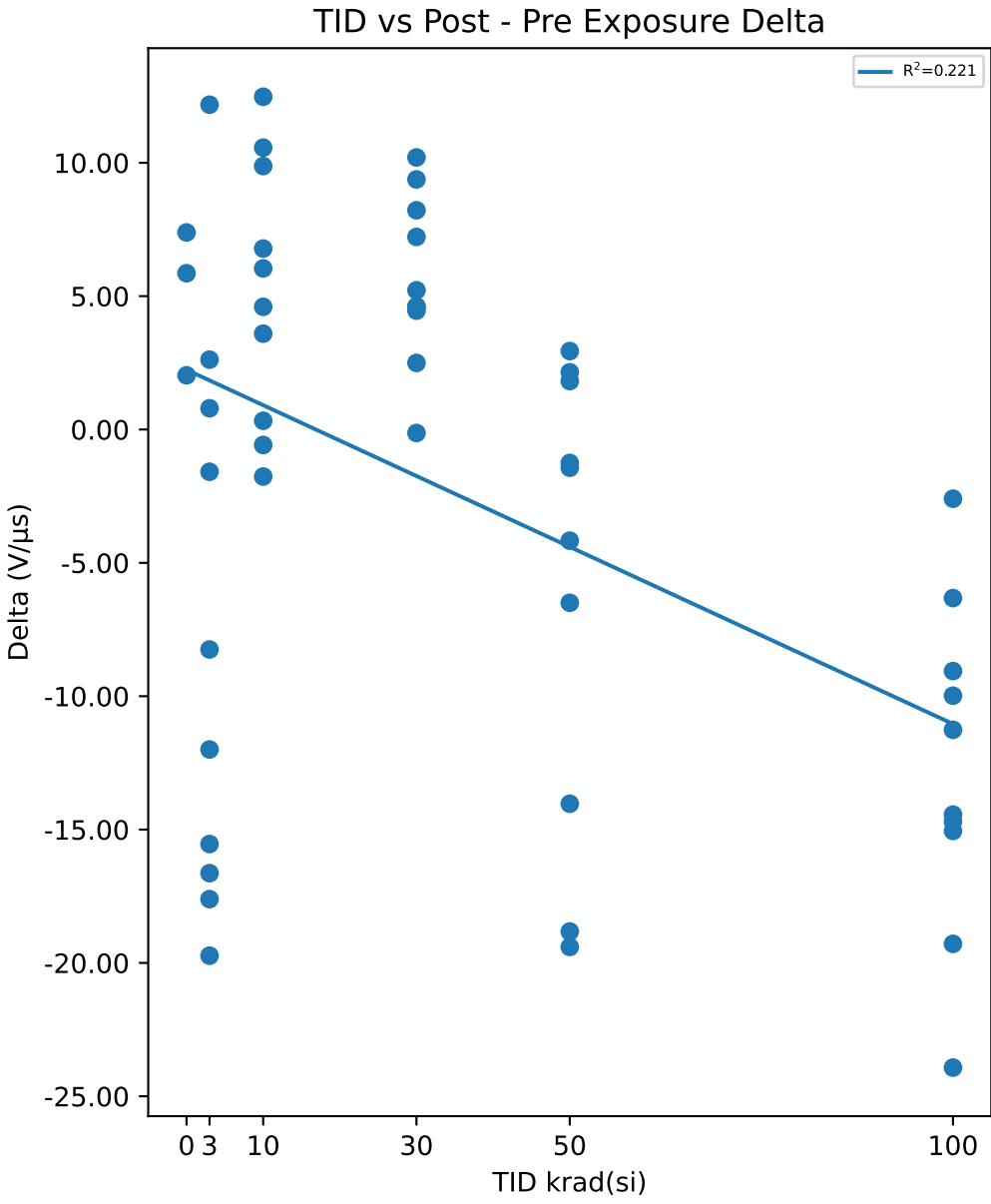
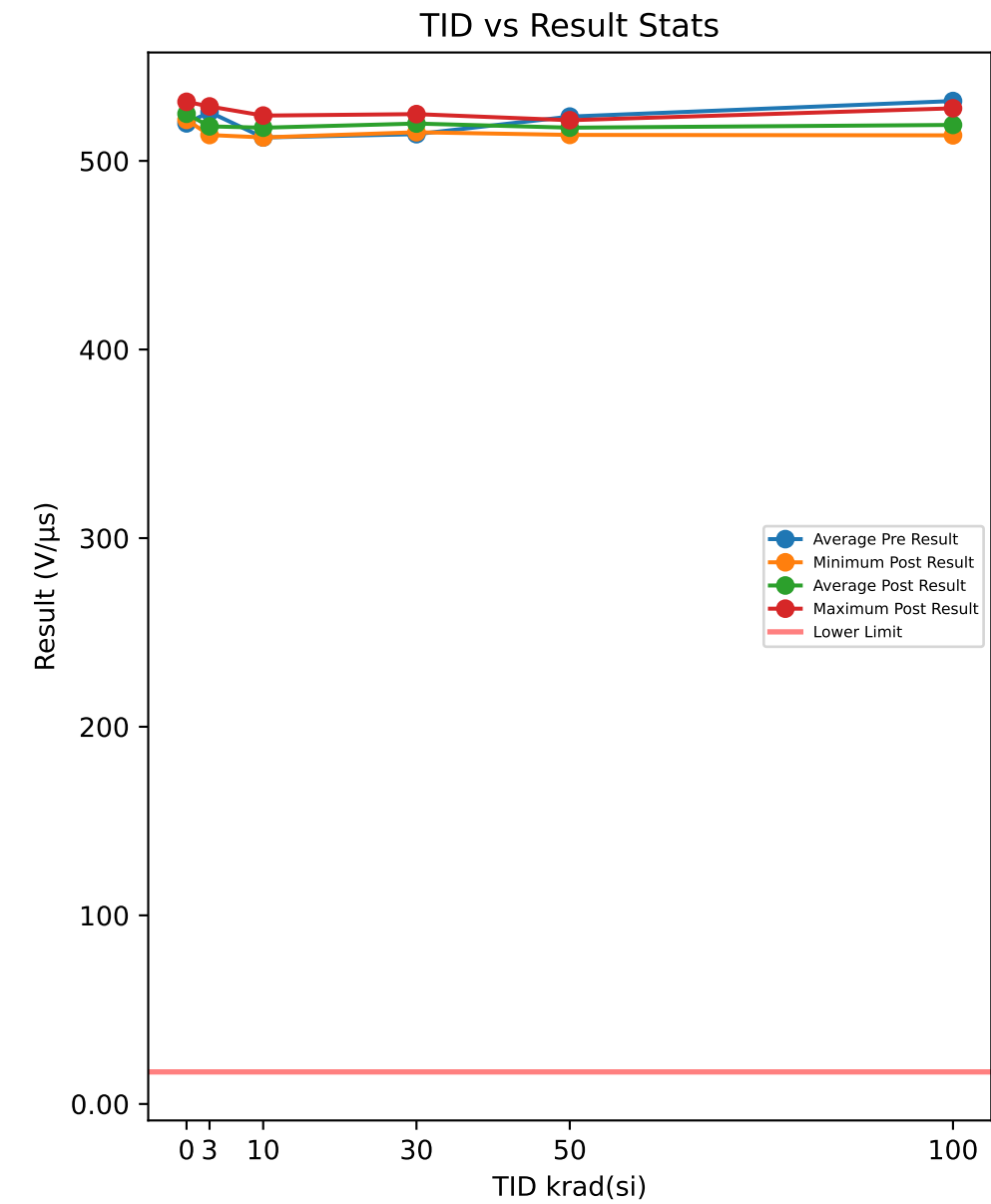
Device Test: 19.38 ; RESET_SLEW_RATE_RISE



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	488.34	479.37	-8.968
301	0	Correlation	498.89	486.42	-12.464
302	0	Correlation	490.11	480.72	-9.398
303	3	Bias	499.74	475.62	-24.12
304	3	Bias	502.23	480.9	-21.322
305	3	Bias	508.81	477.68	-31.134
306	3	Bias	501.06	479.93	-21.129
307	3	Bias	502.56	481.57	-20.988
308	3	Unbiased	504.63	482.96	-21.664
309	3	Unbiased	484.93	484.85	-0.084
310	3	Unbiased	484.77	476.56	-8.218
311	3	Unbiased	494.98	483.69	-11.297
312	3	Unbiased	494.1	482.1	-11.997
313	10	Bias	484.85	482.05	-2.8
314	10	Bias	490.47	480.11	-10.364
315	10	Bias	486.41	479.67	-6.745
316	10	Bias	490.36	478.26	-12.105
317	10	Bias	483.46	479.28	-4.182
318	10	Unbiased	492.31	481.63	-10.678
319	10	Unbiased	487.75	479.9	-7.855
320	10	Unbiased	486.39	481.85	-4.539
321	10	Unbiased	488.97	483.83	-5.143
322	10	Unbiased	490.98	481.47	-9.508
323	30	Bias	488.38	475.46	-12.918
324	30	Bias	487.24	483.01	-4.227
325	30	Bias	480.84	480.04	-0.807
326	30	Bias	492.57	483.57	-8.999
327	30	Bias	487.25	474.23	-13.021
328	30	Unbiased	491.38	482.04	-9.338
329	30	Unbiased	491.6	481.75	-9.851
330	30	Unbiased	490.25	486.38	-3.878
331	30	Unbiased	487.71	485.7	-2.003
332	30	Unbiased	485.77	475.68	-10.096
333	50	Bias	492.73	482.83	-9.903
334	50	Bias	482.84	484.34	1.5
335	50	Bias	485.25	478.45	-6.794
336	50	Bias	486.2	478.38	-7.815
337	50	Bias	485.98	473.25	-12.731
338	50	Unbiased	494.7	487.37	-7.335
339	50	Unbiased	510.09	485.61	-24.48
340	50	Unbiased	505.56	483.44	-22.118
341	50	Unbiased	496.6	478.89	-17.711
342	50	Unbiased	500.41	480.06	-20.353
343	100	Bias	500.28	483.3	-16.984
344	100	Bias	506.98	480.2	-26.774
345	100	Bias	509.38	482.78	-26.605
346	100	Bias	502.42	477.99	-24.427
347	100	Bias	504.59	483.19	-21.407
348	100	Unbiased	498.41	481.42	-16.99
349	100	Unbiased	506.71	480.47	-26.245
350	100	Unbiased	503.5	483.3	-20.201
351	100	Unbiased	502.93	475.39	-27.539
352	100	Unbiased	499.85	480.01	-19.837

Test Statistics (V/μs)

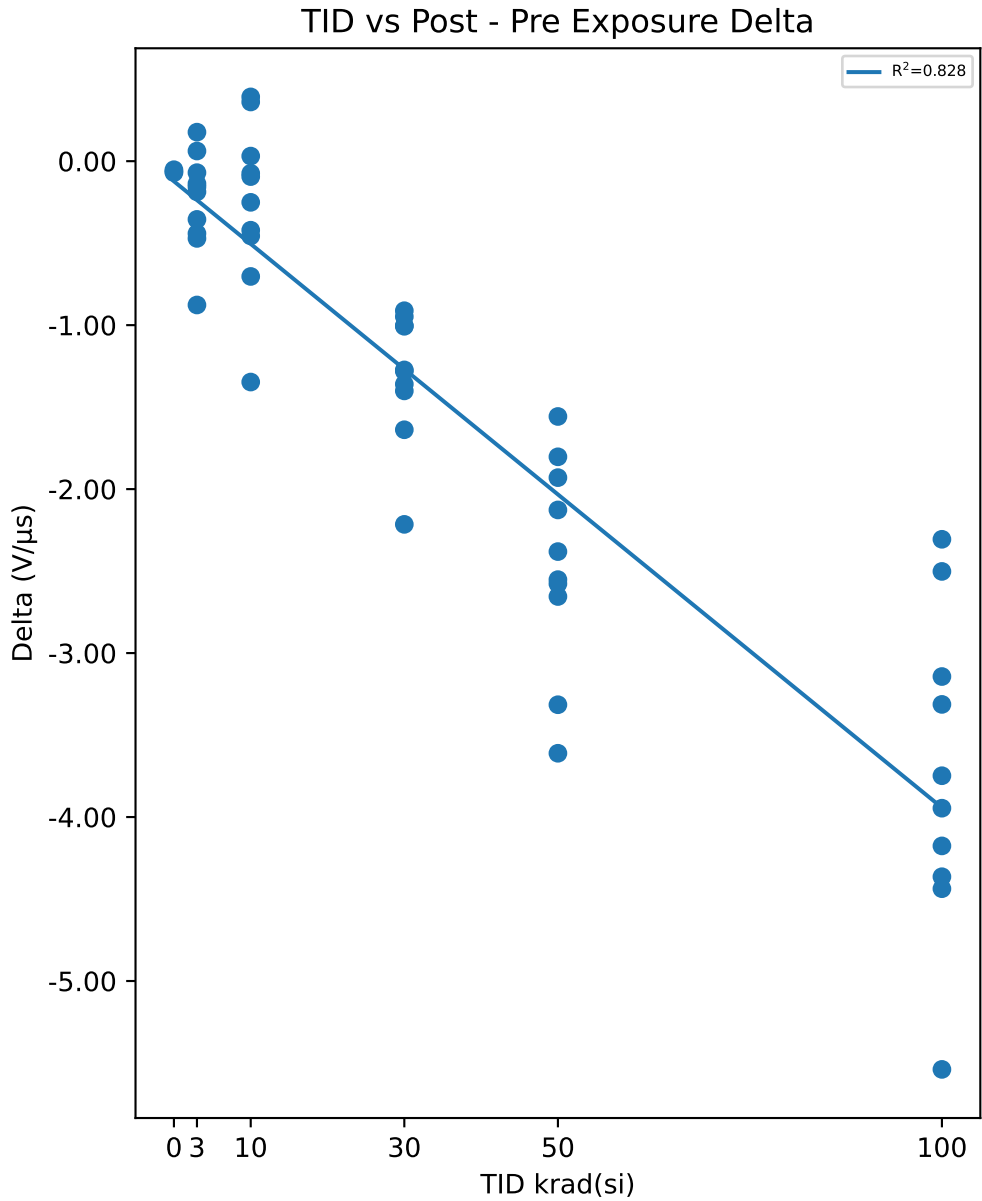
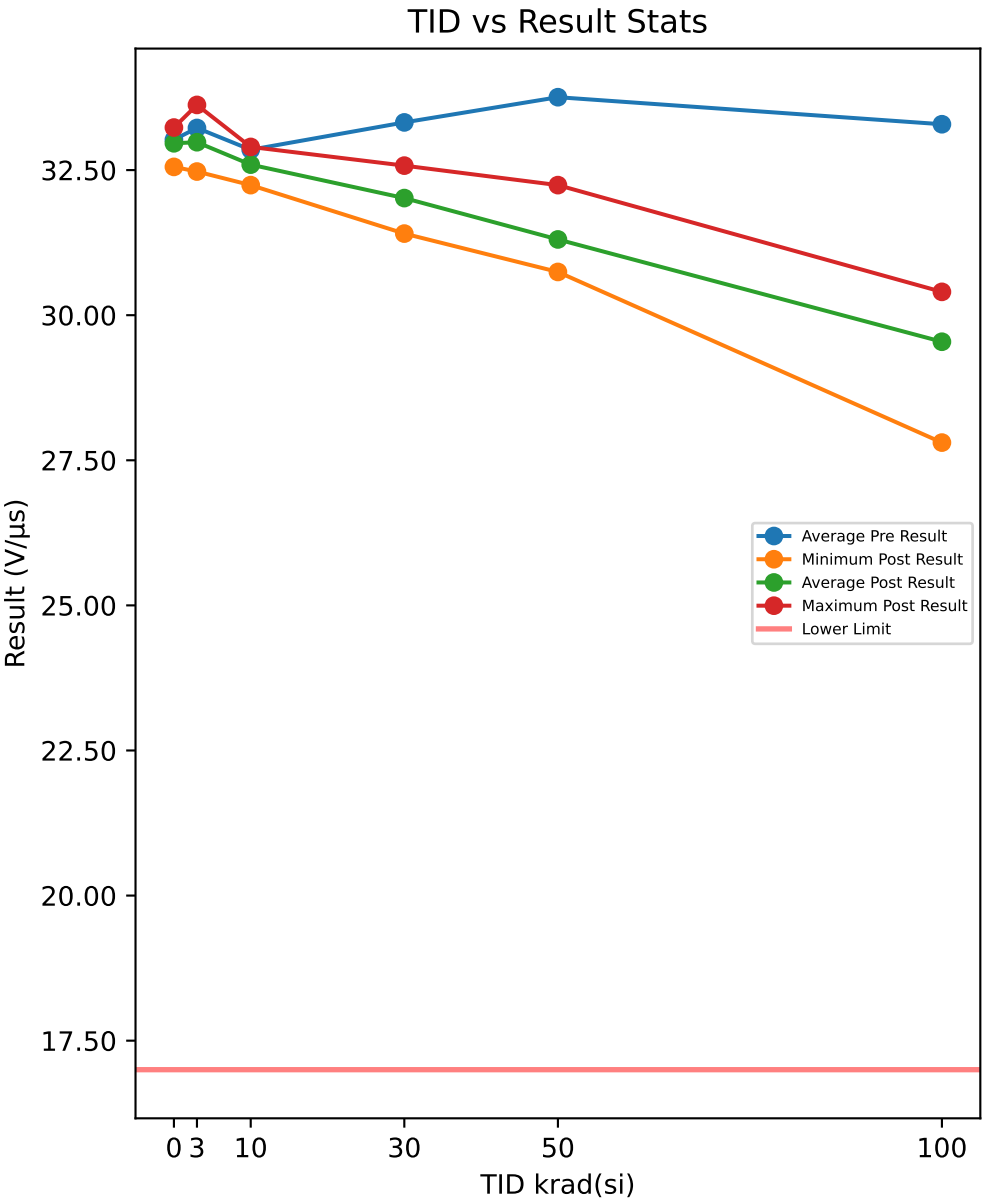
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	488.34	492.45	498.89	5.6475	479.37	482.17	486.42	3.7439	-12.464	-10.277	-8.968	1.9064
3	484.77	497.78	508.81	8.0377	475.62	480.59	484.85	3.1014	-31.134	-17.195	-0.084	9.0939
10	483.46	488.2	492.31	2.8942	478.26	480.8	483.83	1.643	-12.105	-7.3919	-2.8	3.1892
30	480.84	488.3	492.57	3.4482	474.23	480.79	486.38	4.3292	-13.021	-7.5138	-0.807	4.4293
50	482.84	494.04	510.09	9.2422	473.25	481.26	487.37	4.2196	-24.48	-12.774	1.5	8.2198
100	498.41	503.51	509.38	3.4842	475.39	480.81	483.3	2.596	-27.539	-22.701	-16.984	4.1123



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	514.35	521.74	7.388
301	0	Correlation	529.29	531.32	2.032
302	0	Correlation	516.06	521.92	5.859
303	3	Bias	537.19	517.46	-19.729
304	3	Bias	525.82	517.58	-8.248
305	3	Bias	531.85	519.85	-11.998
306	3	Bias	533.76	518.21	-15.542
307	3	Bias	530.39	513.75	-16.636
308	3	Unbiased	531.73	514.13	-17.607
309	3	Unbiased	517.3	515.72	-1.585
310	3	Unbiased	511.1	513.72	2.62
311	3	Unbiased	516.69	528.87	12.179
312	3	Unbiased	522.97	523.76	0.797
313	10	Bias	512.28	512.61	0.326
314	10	Bias	512.92	517.52	4.601
315	10	Bias	508.84	512.43	3.594
316	10	Bias	517.83	517.25	-0.58
317	10	Bias	514.14	524.02	9.879
318	10	Unbiased	516.5	514.74	-1.763
319	10	Unbiased	513.07	519.85	6.784
320	10	Unbiased	511.71	517.75	6.04
321	10	Unbiased	507.13	519.61	12.477
322	10	Unbiased	509.57	520.14	10.568
323	30	Bias	510.73	515.19	4.456
324	30	Bias	514.6	524.8	10.201
325	30	Bias	514.84	517.34	2.496
326	30	Bias	516.22	520.83	4.611
327	30	Bias	511.5	520.88	9.377
328	30	Unbiased	513.29	521.51	8.22
329	30	Unbiased	515.72	515.59	-0.131
330	30	Unbiased	518.78	524	5.22
331	30	Unbiased	514.77	519.38	4.608
332	30	Unbiased	511.19	518.41	7.221
333	50	Bias	515.96	518.1	2.146
334	50	Bias	516.89	515.46	-1.433
335	50	Bias	516.81	518.63	1.816
336	50	Bias	518.62	521.57	2.941
337	50	Bias	516.34	515.09	-1.254
338	50	Unbiased	520.99	516.83	-4.168
339	50	Unbiased	526.72	520.22	-6.497
340	50	Unbiased	533.18	513.78	-19.4
341	50	Unbiased	535.62	516.8	-18.823
342	50	Unbiased	533.7	519.66	-14.033
343	100	Bias	536.94	527.88	-9.058
344	100	Bias	537.47	513.54	-23.926
345	100	Bias	532.88	518.18	-14.704
346	100	Bias	528.55	517.29	-11.261
347	100	Bias	532.67	518.24	-14.439
348	100	Unbiased	527.1	520.78	-6.321
349	100	Unbiased	529.13	514.08	-15.052
350	100	Unbiased	531.38	521.4	-9.981
351	100	Unbiased	533.33	514.04	-19.285
352	100	Unbiased	527.88	525.28	-2.595

Test Statistics (V/μs)

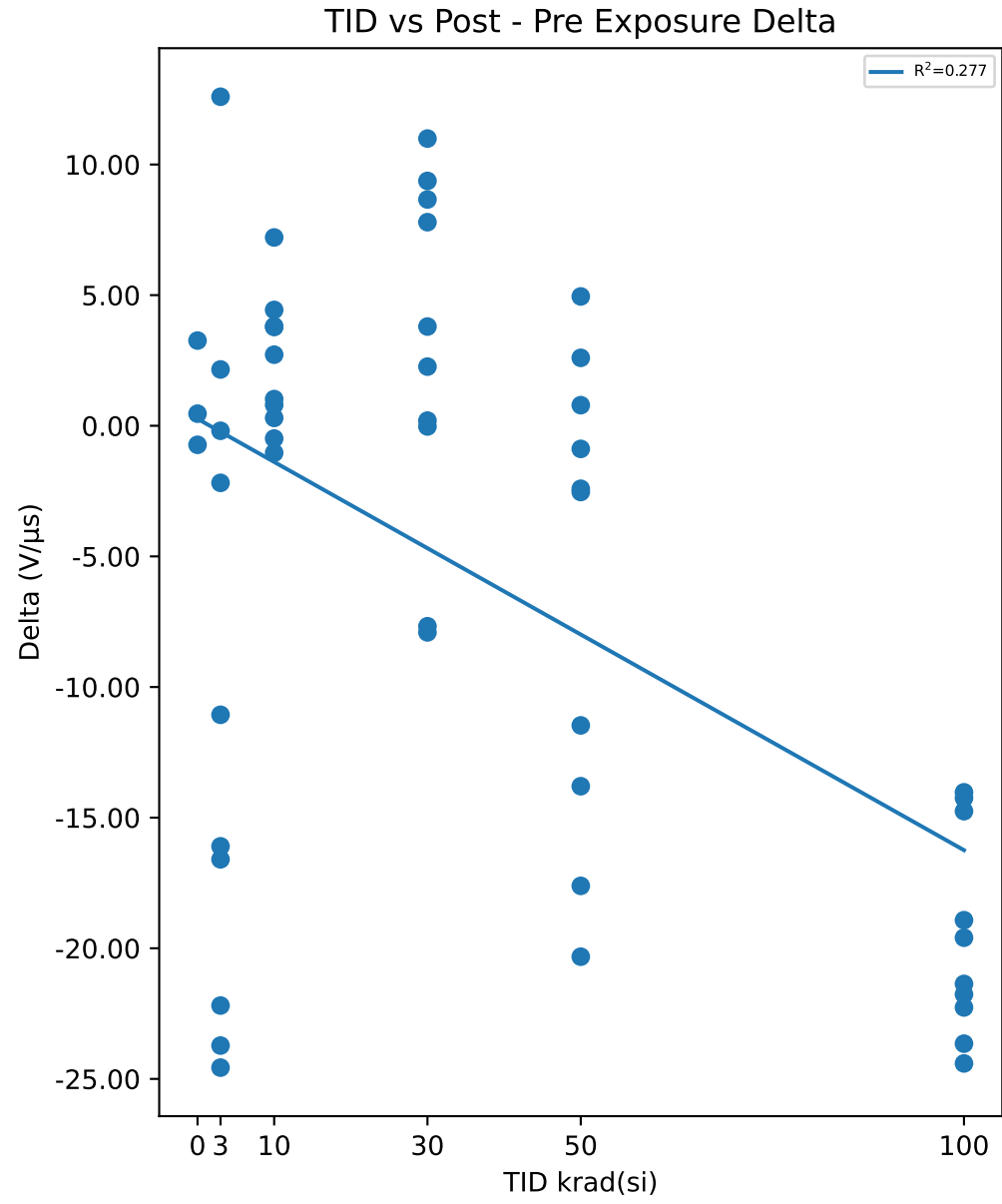
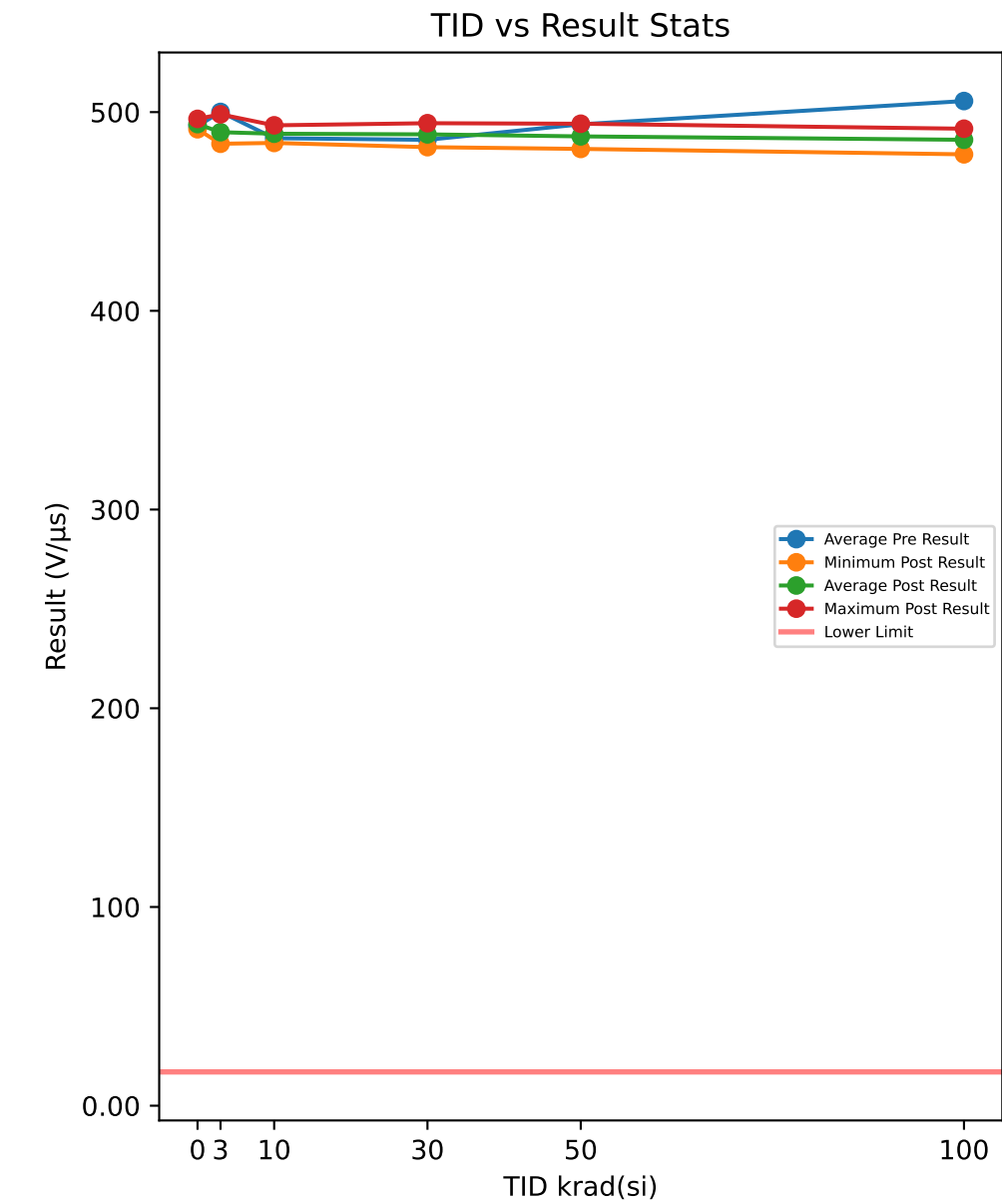
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	514.35	519.9	529.29	8.1741	521.74	524.99	531.32	5.479	2.032	5.093	7.388	2.7589
3	511.1	525.88	537.19	8.5974	513.72	518.31	528.87	4.842	-19.729	-7.5749	12.179	10.615
10	507.13	512.4	517.83	3.3168	512.43	517.59	524.02	3.602	-1.763	5.1926	12.477	4.8929
30	510.73	514.16	518.78	2.5277	515.19	519.79	524.8	3.2492	-0.131	5.6279	10.201	3.1765
50	515.96	523.48	535.62	8.0381	513.78	517.61	521.57	2.4703	-19.4	-5.8705	2.941	8.5811
100	527.1	531.73	537.47	3.6224	513.54	519.07	527.88	4.8308	-23.926	-12.662	-2.595	6.2135



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	33.16	33.097	-0.063
301	0	Correlation	33.285	33.233	-0.052
302	0	Correlation	32.625	32.555	-0.07
303	3	Bias	32.923	32.568	-0.355
304	3	Bias	33.069	32.913	-0.156
305	3	Bias	33.706	33.235	-0.471
306	3	Bias	33.035	33.212	0.177
307	3	Bias	32.829	32.642	-0.187
308	3	Unbiased	32.955	32.885	-0.07
309	3	Unbiased	33.352	32.475	-0.877
310	3	Unbiased	32.978	33.04	0.062
311	3	Unbiased	33.76	33.623	-0.137
312	3	Unbiased	33.651	33.21	-0.441
313	10	Bias	33.274	32.818	-0.456
314	10	Bias	33.32	32.899	-0.421
315	10	Bias	32.46	32.366	-0.094
316	10	Bias	32.962	32.711	-0.251
317	10	Bias	33.626	32.279	-1.347
318	10	Unbiased	32.792	32.823	0.031
319	10	Unbiased	32.422	32.783	0.361
320	10	Unbiased	32.25	32.642	0.392
321	10	Unbiased	32.455	32.381	-0.074
322	10	Unbiased	32.944	32.241	-0.703
323	30	Bias	33.343	31.983	-1.36
324	30	Bias	33.317	32.036	-1.281
325	30	Bias	33.044	31.406	-1.638
326	30	Bias	33.061	32.149	-0.912
327	30	Bias	33.982	31.767	-2.215
328	30	Unbiased	33.559	32.556	-1.003
329	30	Unbiased	32.973	32.025	-0.948
330	30	Unbiased	33.85	32.577	-1.273
331	30	Unbiased	33.236	31.835	-1.401
332	30	Unbiased	32.851	31.844	-1.007
333	50	Bias	34.044	32.241	-1.803
334	50	Bias	33.031	31.101	-1.93
335	50	Bias	33.322	30.745	-2.577
336	50	Bias	33.346	31.219	-2.127
337	50	Bias	33.132	30.751	-2.381
338	50	Unbiased	33.436	31.879	-1.557
339	50	Unbiased	34.74	31.425	-3.315
340	50	Unbiased	34.969	31.358	-3.611
341	50	Unbiased	33.582	31.03	-2.552
342	50	Unbiased	33.957	31.302	-2.655
343	100	Bias	33.831	30.083	-3.748
344	100	Bias	32.587	30.281	-2.306
345	100	Bias	33.386	29.44	-3.946
346	100	Bias	32.242	27.805	-4.437
347	100	Bias	32.583	29.27	-3.313
348	100	Unbiased	32.925	29.782	-3.143
349	100	Unbiased	32.904	30.402	-2.502
350	100	Unbiased	35.004	29.465	-5.539
351	100	Unbiased	32.859	28.683	-4.176
352	100	Unbiased	34.579	30.215	-4.364

Test Statistics (V/μs)

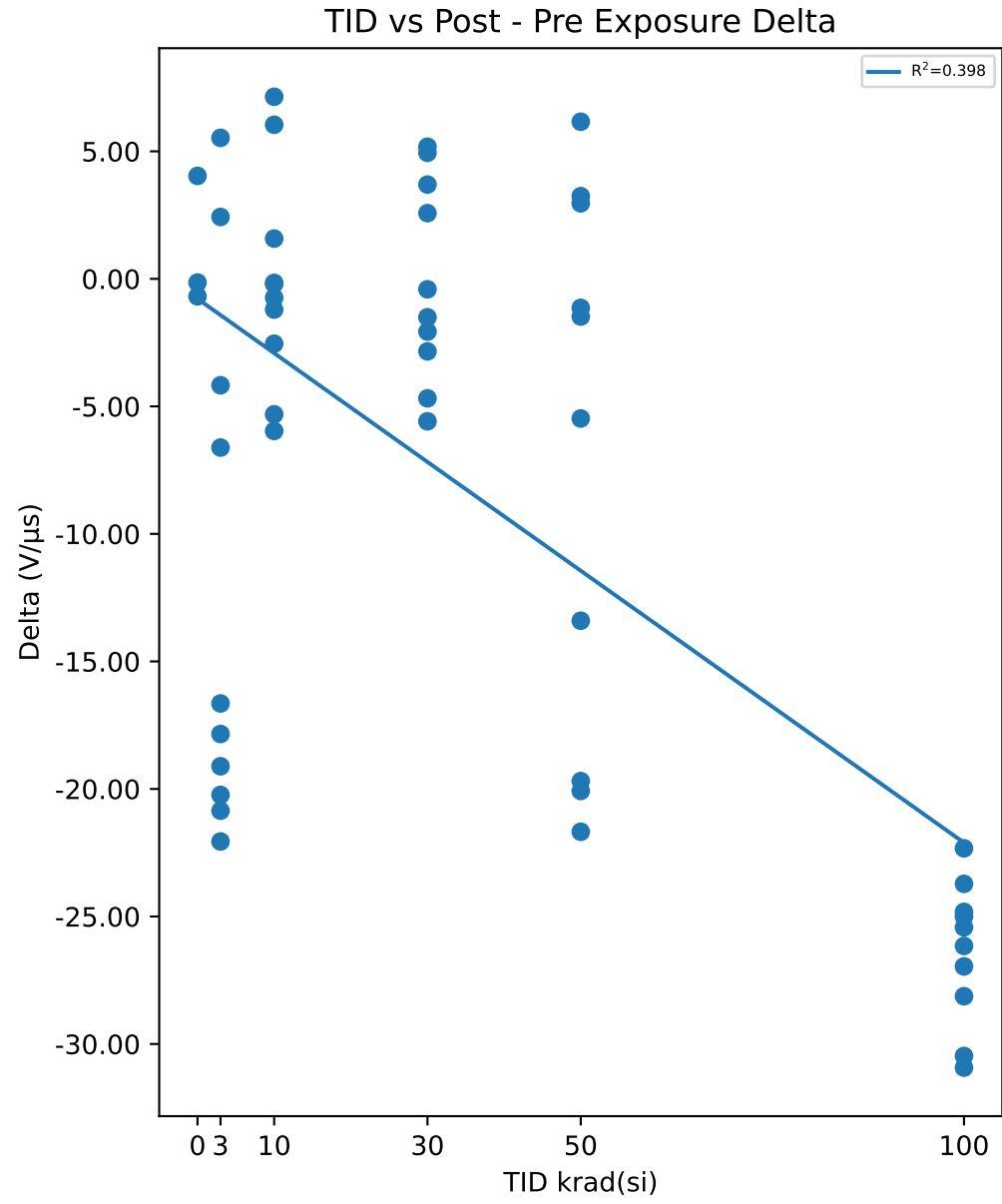
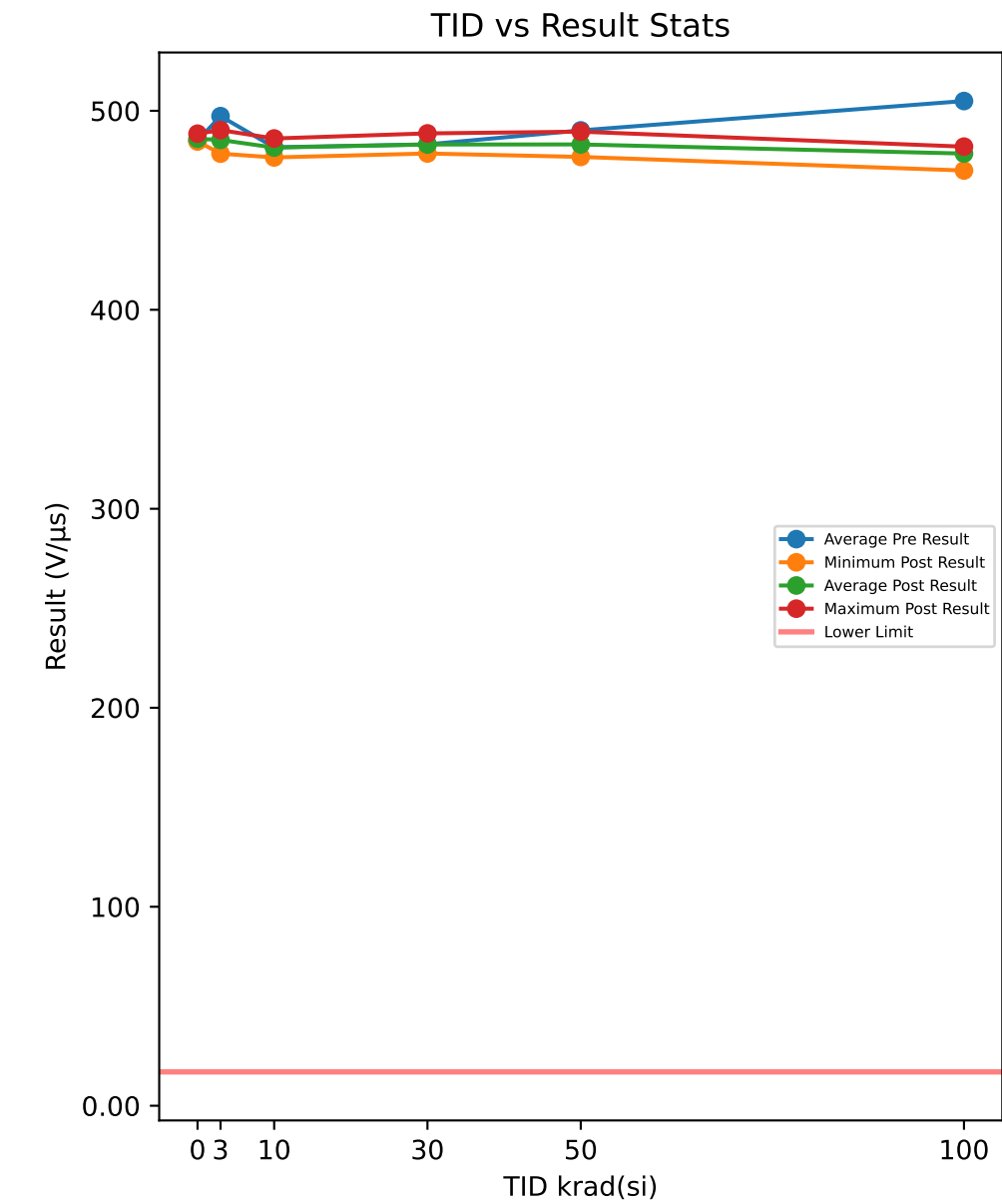
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.625	33.023	33.285	0.35058	32.555	32.962	33.233	0.35869	-0.07	-0.061667	-0.052	0.0090738
3	32.829	33.226	33.76	0.35863	32.475	32.98	33.623	0.35611	-0.877	-0.2455	0.177	0.30312
10	32.25	32.85	33.626	0.45691	32.241	32.594	32.899	0.25134	-1.347	-0.2562	0.392	0.51636
30	32.851	33.322	33.982	0.37527	31.406	32.018	32.577	0.35308	-2.215	-1.3038	-0.912	0.39647
50	33.031	33.756	34.969	0.66392	30.745	31.305	32.241	0.46761	-3.611	-2.4508	-1.557	0.64638
100	32.242	33.29	35.004	0.91053	27.805	29.543	30.402	0.81201	-5.539	-3.7474	-2.306	0.97019



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	493.48	493.94	0.463
301	0	Correlation	493.33	496.6	3.261
302	0	Correlation	492.11	491.38	-0.729
303	3	Bias	514.04	489.47	-24.568
304	3	Bias	506.07	489.48	-16.595
305	3	Bias	509.94	493.85	-16.098
306	3	Bias	506.64	484.45	-22.192
307	3	Bias	510.29	486.56	-23.724
308	3	Unbiased	498.25	487.19	-11.063
309	3	Unbiased	490.26	492.41	2.155
310	3	Unbiased	492.78	492.59	-0.192
311	3	Unbiased	486.27	484.08	-2.185
312	3	Unbiased	486.29	498.89	12.594
313	10	Bias	490.84	491.14	0.301
314	10	Bias	492.55	493.35	0.798
315	10	Bias	484.95	485.97	1.021
316	10	Bias	489.6	488.57	-1.035
317	10	Bias	483.08	487.51	4.434
318	10	Unbiased	485.55	489.33	3.78
319	10	Unbiased	480.68	484.49	3.808
320	10	Unbiased	484.99	492.19	7.208
321	10	Unbiased	489.07	488.58	-0.489
322	10	Unbiased	487.41	490.13	2.721
323	30	Bias	485.51	485.71	0.197
324	30	Bias	496.5	488.6	-7.908
325	30	Bias	491.9	484.22	-7.673
326	30	Bias	485.76	494.42	8.661
327	30	Bias	480.98	491.98	10.993
328	30	Unbiased	485.76	493.56	7.793
329	30	Unbiased	486.51	486.48	-0.027
330	30	Unbiased	484.19	493.57	9.372
331	30	Unbiased	483.31	487.11	3.798
332	30	Unbiased	480.11	482.37	2.264
333	50	Bias	489.27	490.06	0.788
334	50	Bias	489.81	487.27	-2.535
335	50	Bias	483.11	482.22	-0.885
336	50	Bias	489.13	486.72	-2.412
337	50	Bias	478.88	481.48	2.6
338	50	Unbiased	489.2	494.15	4.95
339	50	Unbiased	502.41	490.94	-11.469
340	50	Unbiased	499.61	485.81	-13.797
341	50	Unbiased	508.67	488.35	-20.322
342	50	Unbiased	508.48	490.87	-17.611
343	100	Bias	513.03	488.62	-24.408
344	100	Bias	505.68	491.65	-14.03
345	100	Bias	500.52	478.76	-21.762
346	100	Bias	500.58	486.33	-14.249
347	100	Bias	508.46	484.81	-23.651
348	100	Unbiased	512.42	491.06	-21.364
349	100	Unbiased	505.55	485.95	-19.595
350	100	Unbiased	496.92	482.17	-14.753
351	100	Unbiased	504.71	482.44	-22.265
352	100	Unbiased	507.87	488.94	-18.925

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.11	492.98	493.48	0.75022	491.38	493.97	496.6	2.6062	-0.729	0.99833	3.261	2.0482
3	486.27	500.08	514.04	10.59	484.08	489.9	498.89	4.6224	-24.568	-10.187	12.594	12.676
10	480.68	486.87	492.55	3.6857	484.49	489.13	493.35	2.7289	-1.035	2.2547	7.208	2.5831
30	480.11	486.05	496.5	4.8991	482.37	488.8	494.42	4.3081	-7.908	2.747	10.993	6.7492
50	478.88	493.86	508.67	10.332	481.48	487.79	494.15	3.9634	-20.322	-6.0693	4.95	8.954
100	496.92	505.57	513.03	5.1889	478.76	486.07	491.65	4.1407	-24.408	-19.5	-14.03	3.9147

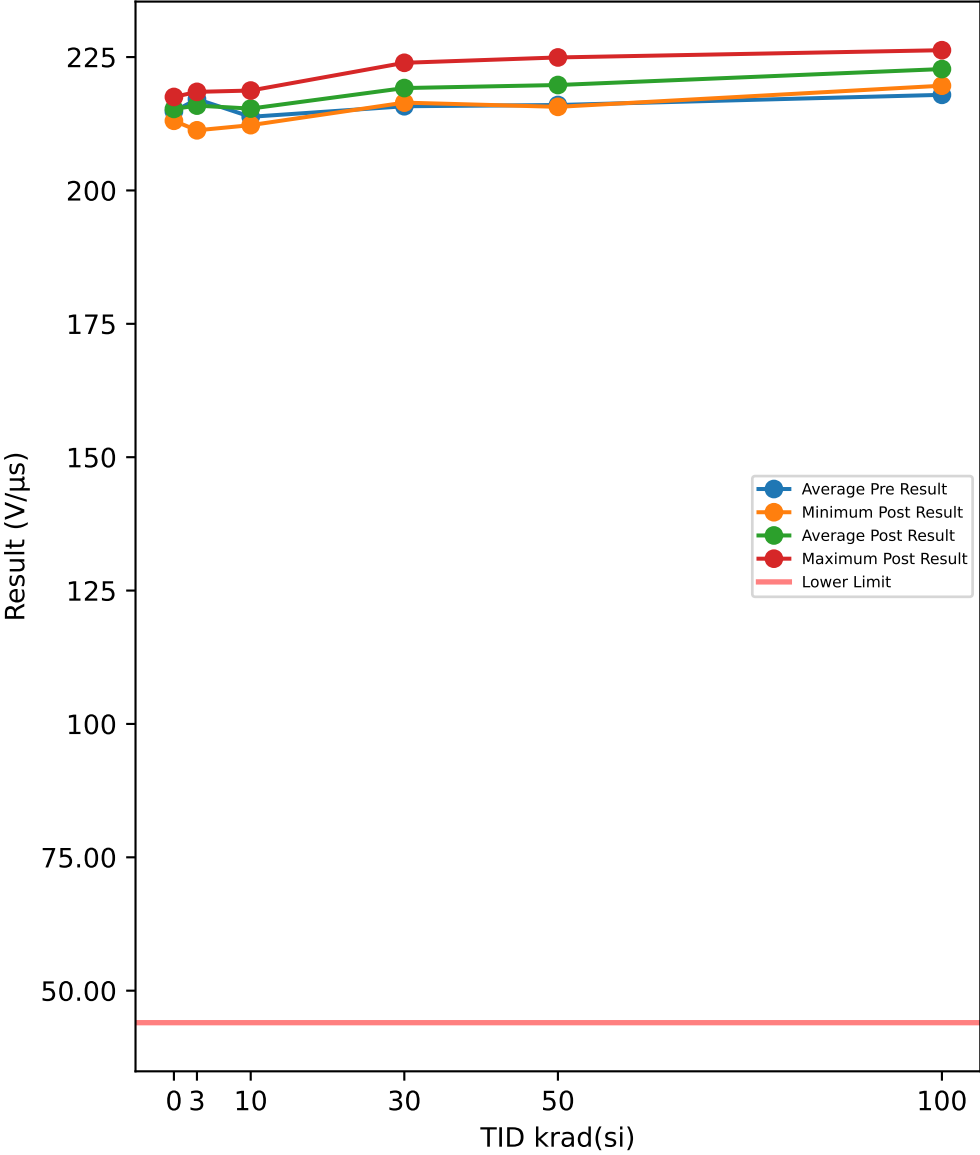


Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	484.89	484.75	-0.146
301	0	Correlation	489.18	488.49	-0.686
302	0	Correlation	480.56	484.6	4.036
303	3	Bias	508.71	487.85	-20.853
304	3	Bias	503.89	487.24	-16.649
305	3	Bias	506.76	484.7	-22.06
306	3	Bias	506.62	487.5	-19.11
307	3	Bias	498.7	478.46	-20.233
308	3	Unbiased	501.52	483.68	-17.845
309	3	Unbiased	484.87	487.3	2.427
310	3	Unbiased	484.88	480.71	-4.173
311	3	Unbiased	484.76	490.29	5.528
312	3	Unbiased	492.45	485.84	-6.615
313	10	Bias	478.85	478.65	-0.199
314	10	Bias	480.65	482.23	1.578
315	10	Bias	484.74	482.2	-2.543
316	10	Bias	487.6	482.29	-5.313
317	10	Bias	487.29	486.09	-1.204
318	10	Unbiased	483.56	483.4	-0.16
319	10	Unbiased	474.11	481.25	7.14
320	10	Unbiased	482.52	476.56	-5.964
321	10	Unbiased	475.7	481.74	6.041
322	10	Unbiased	481.46	480.72	-0.741
323	30	Bias	486.58	483.74	-2.843
324	30	Bias	485.79	484.29	-1.507
325	30	Bias	484.13	478.55	-5.585
326	30	Bias	484.94	488.64	3.697
327	30	Bias	481.97	479.91	-2.068
328	30	Unbiased	486.73	486.32	-0.411
329	30	Unbiased	475.38	480.33	4.942
330	30	Unbiased	485.58	480.89	-4.685
331	30	Unbiased	481.09	483.67	2.576
332	30	Unbiased	479.07	484.25	5.181
333	50	Bias	483.35	489.51	6.16
334	50	Bias	480.08	478.61	-1.477
335	50	Bias	481.79	484.75	2.961
336	50	Bias	482.07	485.31	3.241
337	50	Bias	482.3	476.82	-5.475
338	50	Unbiased	490.6	489.46	-1.139
339	50	Unbiased	501.19	481.11	-20.078
340	50	Unbiased	495.5	482.1	-13.405
341	50	Unbiased	501.18	481.49	-19.691
342	50	Unbiased	503.47	481.8	-21.679
343	100	Bias	510.73	480.26	-30.47
344	100	Bias	504.99	479.57	-25.425
345	100	Bias	503.22	476.26	-26.957
346	100	Bias	506.81	481.99	-24.82
347	100	Bias	503.78	480.06	-23.721
348	100	Unbiased	504.94	478.79	-26.155
349	100	Unbiased	501.21	478.88	-22.329
350	100	Unbiased	505.18	480.18	-25.007
351	100	Unbiased	500.92	469.99	-30.926
352	100	Unbiased	507.26	479.14	-28.127

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	480.56	484.88	489.18	4.3105	484.6	485.95	488.49	2.208	-0.686	1.068	4.036	2.5845
3	484.76	497.32	508.71	9.7688	478.46	485.36	490.29	3.5762	-22.06	-11.958	5.528	10.324
10	474.11	481.65	487.6	4.5008	476.56	481.51	486.09	2.5732	-5.964	-0.1365	7.14	4.244
30	475.38	483.13	486.73	3.7152	478.55	483.06	488.64	3.1274	-5.585	-0.0703	5.181	3.9365
50	480.08	490.15	503.47	9.3951	476.82	483.1	489.51	4.1906	-21.679	-7.0582	6.16	10.714
100	500.92	504.91	510.73	2.9226	469.99	478.51	481.99	3.3277	-30.926	-26.394	-22.329	2.7797

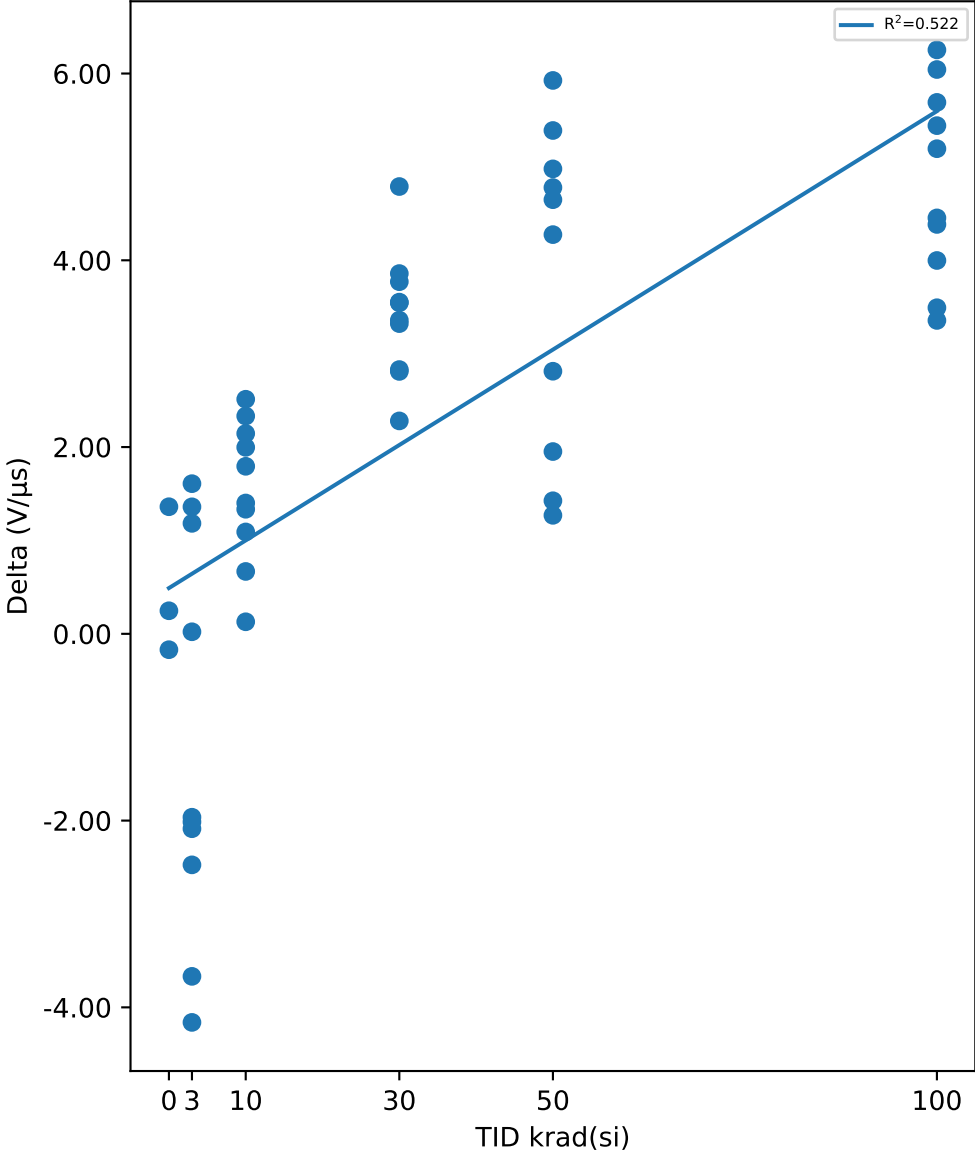
TID vs Result Stats



Test Results (Lower Limit = 44.0 (V/μs))

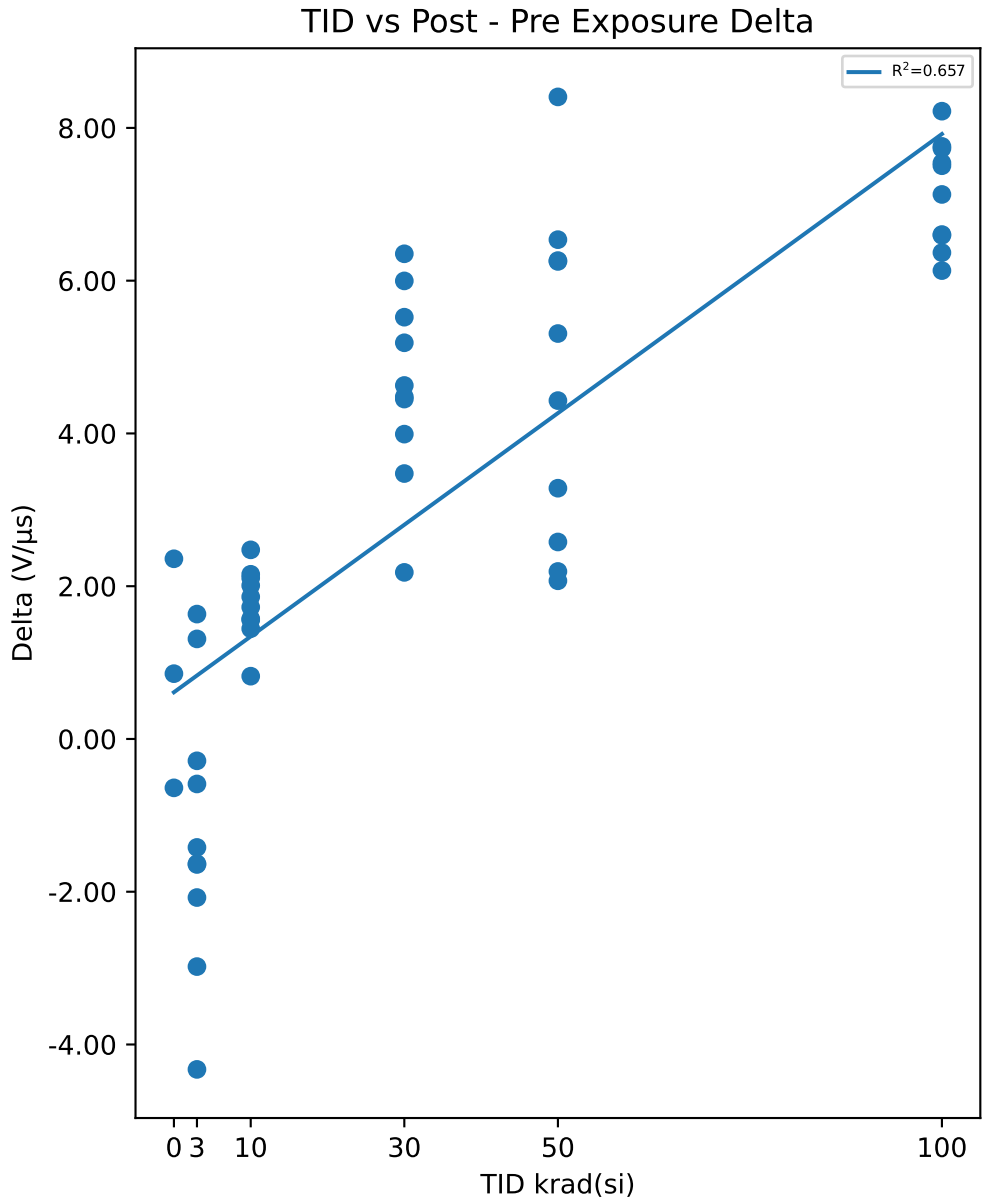
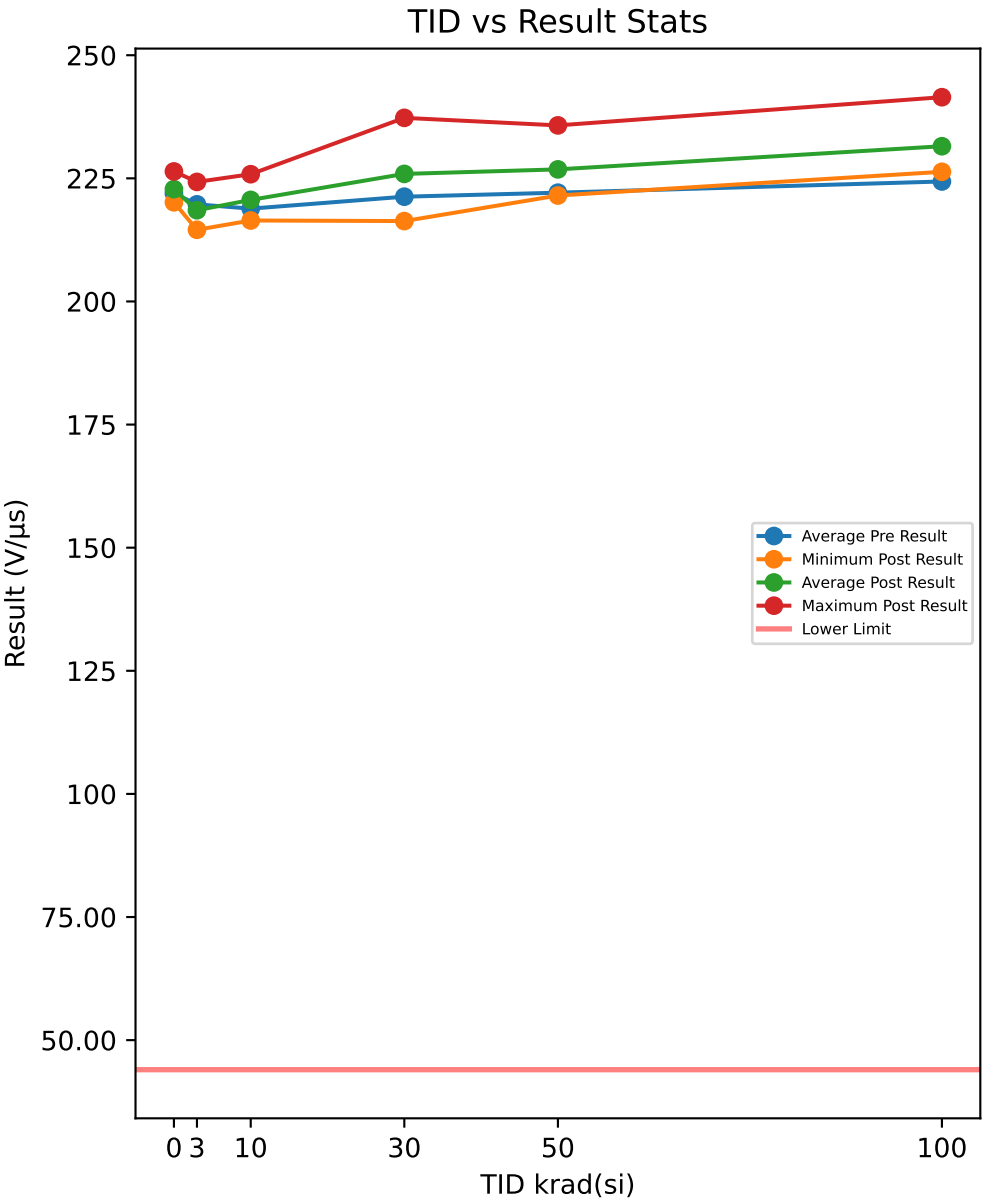
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	213.91	215.27	1.361
301	0	Correlation	217.69	217.52	-0.17
302	0	Correlation	212.81	213.06	0.247
303	3	Bias	216.63	214.54	-2.087
304	3	Bias	215.89	213.42	-2.474
305	3	Bias	220.07	216.41	-3.668
306	3	Bias	219.36	215.2	-4.161
307	3	Bias	220.19	218.22	-1.964
308	3	Unbiased	220.13	218.12	-2.014
309	3	Unbiased	209.66	211.27	1.608
310	3	Unbiased	214.36	215.55	1.183
311	3	Unbiased	216.46	217.82	1.36
312	3	Unbiased	218.46	218.48	0.022
313	10	Bias	215.6	217.75	2.145
314	10	Bias	212.37	213.03	0.668
315	10	Bias	214.4	216.91	2.512
316	10	Bias	214.34	216.67	2.332
317	10	Bias	213.27	214.67	1.401
318	10	Unbiased	216.73	218.73	1.997
319	10	Unbiased	215.26	216.35	1.091
320	10	Unbiased	212.11	212.24	0.129
321	10	Unbiased	211.89	213.23	1.334
322	10	Unbiased	212.05	213.84	1.794
323	30	Bias	213.14	216.46	3.322
324	30	Bias	216.13	218.94	2.81
325	30	Bias	213.36	216.72	3.359
326	30	Bias	218.02	221.79	3.771
327	30	Bias	214.23	217.06	2.83
328	30	Unbiased	216.78	219.06	2.28
329	30	Unbiased	213.87	217.42	3.545
330	30	Unbiased	220.37	223.93	3.552
331	30	Unbiased	215.04	219.83	4.79
332	30	Unbiased	216.85	220.71	3.858
333	50	Bias	219.25	223.52	4.275
334	50	Bias	212.06	217.98	5.926
335	50	Bias	213.97	218.62	4.649
336	50	Bias	215.66	221.05	5.39
337	50	Bias	210.89	215.67	4.779
338	50	Unbiased	214.14	219.12	4.979
339	50	Unbiased	223.66	224.93	1.269
340	50	Unbiased	214.83	216.25	1.425
341	50	Unbiased	219.33	221.28	1.952
342	50	Unbiased	216.38	219.19	2.812
343	100	Bias	216.37	221.56	5.195
344	100	Bias	216.28	219.63	3.356
345	100	Bias	220.04	224.43	4.384
346	100	Bias	219.19	222.68	3.492
347	100	Bias	214.75	220.44	5.691
348	100	Unbiased	218.83	222.83	3.998
349	100	Unbiased	219.11	223.56	4.454
350	100	Unbiased	219.85	225.89	6.043
351	100	Unbiased	214.78	220.22	5.442
352	100	Unbiased	220.03	226.29	6.253

TID vs Post - Pre Exposure Delta



Test Statistics (V/μs)

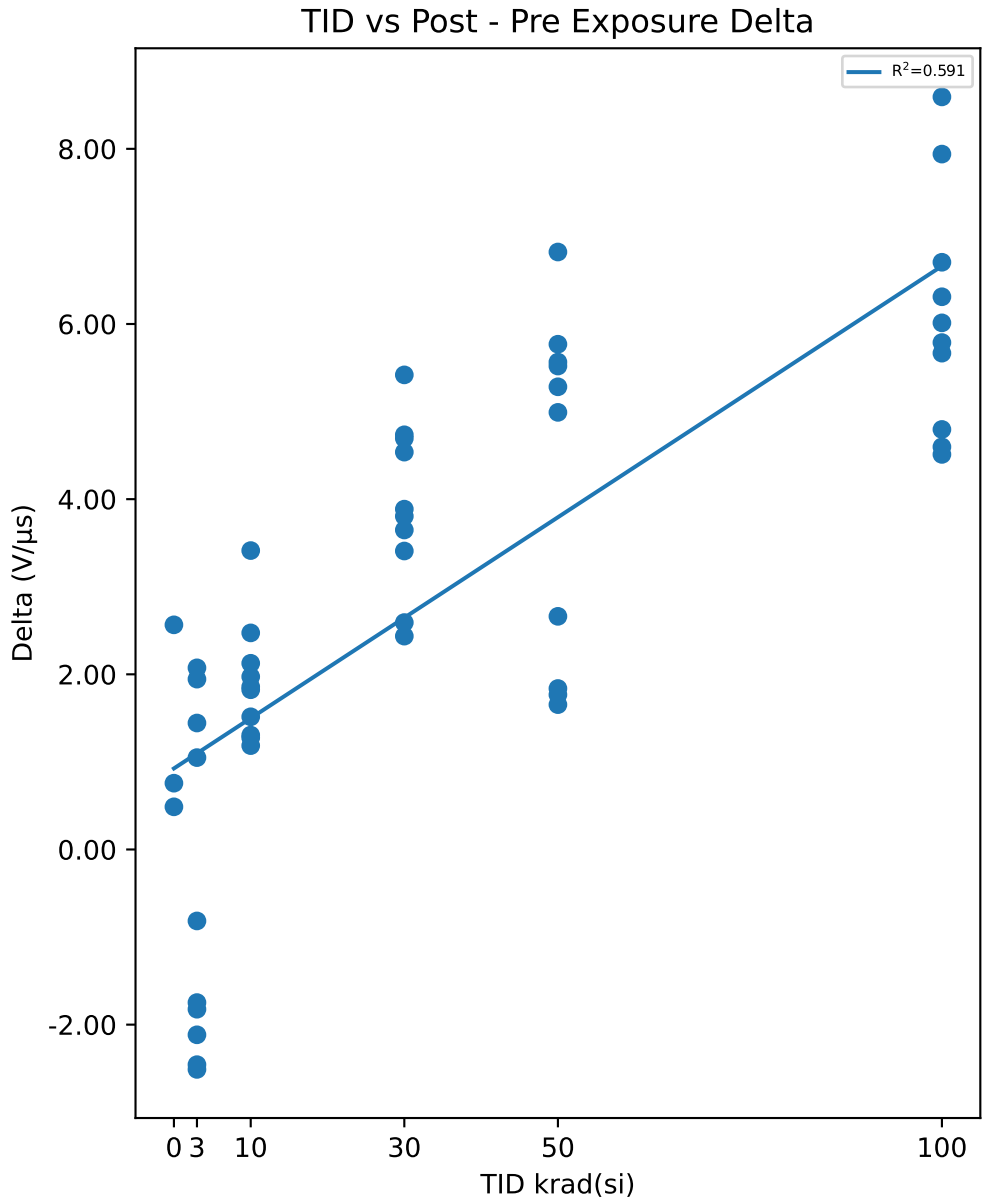
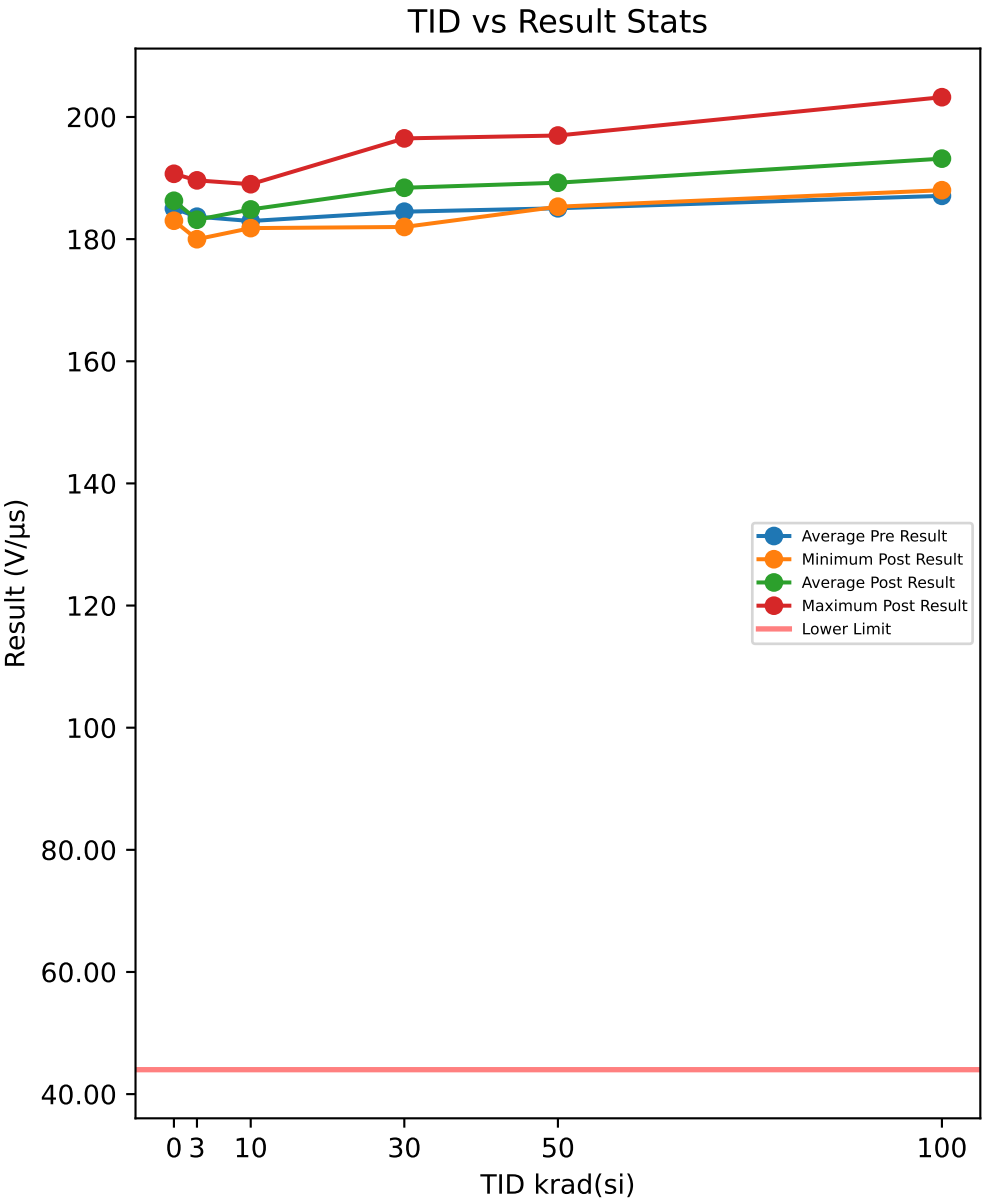
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	212.81	214.8	217.69	2.5614	213.06	215.28	217.52	2.2325	-0.17	0.47933	1.361	0.7915
3	209.66	217.12	220.19	3.3229	211.27	215.9	218.48	2.3793	-4.161	-1.2195	1.608	2.1114
10	211.89	213.8	216.73	1.7175	212.24	215.34	218.73	2.2275	0.129	1.5403	2.512	0.76202
30	213.14	215.78	220.37	2.3057	216.46	219.19	223.93	2.4323	2.28	3.4117	4.79	0.68778
50	210.89	216.02	223.66	3.8173	215.67	219.76	224.93	2.9638	1.269	3.7456	5.926	1.724
100	214.75	217.92	220.04	2.1499	219.63	222.75	226.29	2.3269	3.356	4.8308	6.253	1.0403



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	217.77	220.13	2.359
301	0	Correlation	221.03	221.88	0.855
302	0	Correlation	227.04	226.4	-0.64
303	3	Bias	215.97	214.55	-1.42
304	3	Bias	217.94	216.3	-1.634
305	3	Bias	228.6	224.27	-4.326
306	3	Bias	221.3	219.22	-2.076
307	3	Bias	217.7	216.06	-1.643
308	3	Unbiased	220.02	217.04	-2.98
309	3	Unbiased	217.82	217.23	-0.589
310	3	Unbiased	216.13	215.84	-0.286
311	3	Unbiased	220.62	221.93	1.31
312	3	Unbiased	221.11	222.75	1.635
313	10	Bias	218.33	220.34	2.009
314	10	Bias	222.49	224.64	2.156
315	10	Bias	220.71	222.57	1.861
316	10	Bias	220.26	221.08	0.822
317	10	Bias	217.72	219.17	1.444
318	10	Unbiased	224.27	225.84	1.574
319	10	Unbiased	214.33	216.44	2.108
320	10	Unbiased	217.66	219.39	1.726
321	10	Unbiased	218.25	219.81	1.558
322	10	Unbiased	214.46	216.94	2.476
323	30	Bias	215.02	217.2	2.181
324	30	Bias	219.31	223.94	4.628
325	30	Bias	229.68	234.13	4.45
326	30	Bias	221.46	227.46	5.997
327	30	Bias	217.19	220.67	3.475
328	30	Unbiased	227.8	232.28	4.481
329	30	Unbiased	212.33	216.32	3.991
330	30	Unbiased	230.93	237.28	6.352
331	30	Unbiased	219.31	224.5	5.187
332	30	Unbiased	219.69	225.21	5.522
333	50	Bias	226.21	230.64	4.43
334	50	Bias	226.87	235.27	8.406
335	50	Bias	214.98	221.51	6.537
336	50	Bias	217.9	224.16	6.263
337	50	Bias	220.42	226.68	6.252
338	50	Unbiased	219	224.31	5.308
339	50	Unbiased	233.68	235.75	2.071
340	50	Unbiased	218.74	222.02	3.283
341	50	Unbiased	219.95	222.14	2.193
342	50	Unbiased	223.13	225.71	2.579
343	100	Bias	227.05	234.78	7.731
344	100	Bias	225.1	233.31	8.219
345	100	Bias	220.91	228.04	7.129
346	100	Bias	220.9	228.4	7.505
347	100	Bias	227.41	235.16	7.758
348	100	Unbiased	223.92	230.28	6.367
349	100	Unbiased	220.19	226.33	6.132
350	100	Unbiased	222.63	229.22	6.594
351	100	Unbiased	221.58	228.19	6.604
352	100	Unbiased	233.93	241.48	7.542

Test Statistics (V/μs)

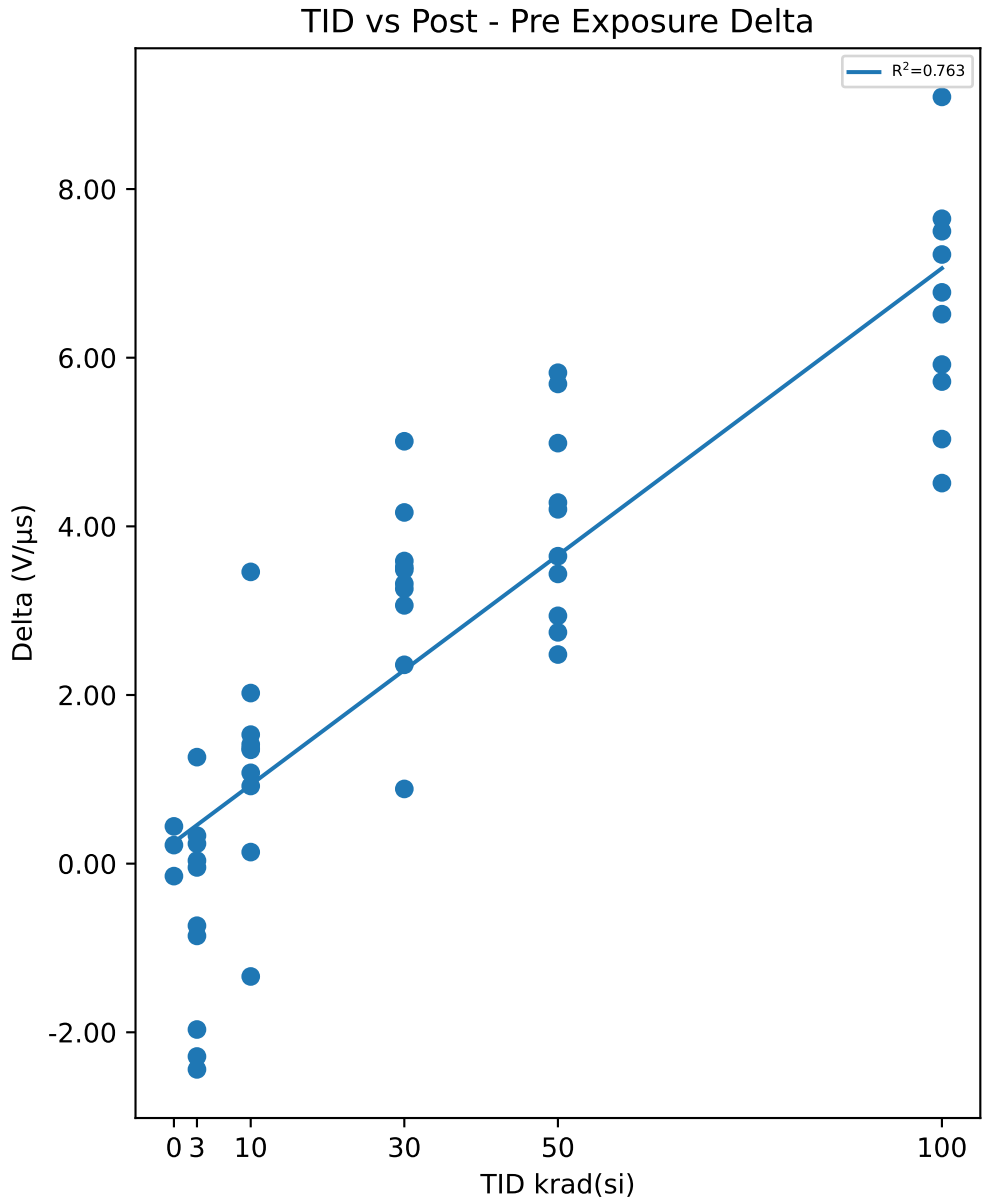
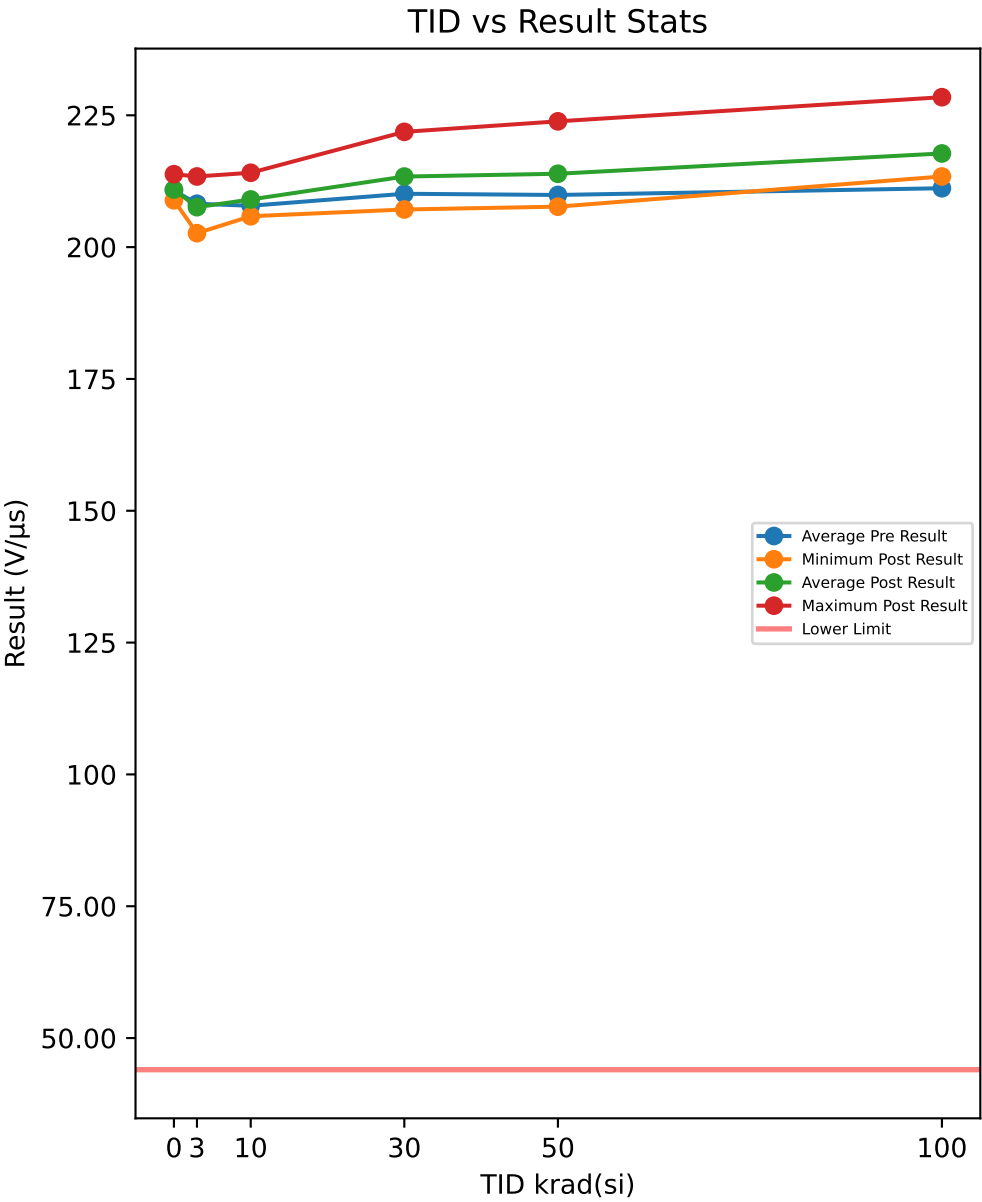
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	217.77	221.95	227.04	4.7008	220.13	222.81	226.4	3.2336	-0.64	0.858	2.359	1.4995
3	215.97	219.72	228.6	3.6822	214.55	218.52	224.27	3.3479	-4.326	-1.2009	1.635	1.8162
10	214.33	218.85	224.27	3.1787	216.44	220.62	225.84	3.0332	0.822	1.7734	2.476	0.46155
30	212.33	221.27	230.93	6.2574	216.32	225.9	237.28	7.0032	2.181	4.6264	6.352	1.2353
50	214.98	222.09	233.68	5.4929	221.51	226.82	235.75	5.3073	2.071	4.7322	8.406	2.1627
100	220.19	224.36	233.93	4.2276	226.33	231.52	241.48	4.6304	6.132	7.1581	8.219	0.6981



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	182.53	183.01	0.487
301	0	Correlation	184.37	185.13	0.757
302	0	Correlation	188.13	190.7	2.565
303	3	Bias	182.37	181.55	-0.816
304	3	Bias	181.81	179.98	-1.824
305	3	Bias	191.37	189.62	-1.748
306	3	Bias	184.16	181.71	-2.457
307	3	Bias	183.47	181.36	-2.116
308	3	Unbiased	183.03	180.52	-2.511
309	3	Unbiased	180.72	182.8	2.074
310	3	Unbiased	181.02	182.07	1.049
311	3	Unbiased	183.9	185.85	1.945
312	3	Unbiased	184.85	186.3	1.444
313	10	Bias	182.21	183.4	1.186
314	10	Bias	185.03	187.16	2.126
315	10	Bias	184.98	188.4	3.413
316	10	Bias	183.37	185.23	1.858
317	10	Bias	182.01	183.28	1.276
318	10	Unbiased	187.17	188.99	1.824
319	10	Unbiased	180.29	181.81	1.515
320	10	Unbiased	182.8	184.1	1.306
321	10	Unbiased	182.17	184.14	1.973
322	10	Unbiased	179.62	182.09	2.473
323	30	Bias	179.45	182.04	2.591
324	30	Bias	183.03	186.44	3.408
325	30	Bias	189.05	193.59	4.537
326	30	Bias	185.32	190.02	4.694
327	30	Bias	182.41	186.3	3.886
328	30	Unbiased	189.46	193.26	3.805
329	30	Unbiased	179.56	181.99	2.436
330	30	Unbiased	191.07	196.49	5.419
331	30	Unbiased	181.35	185	3.648
332	30	Unbiased	184.23	188.97	4.735
333	50	Bias	186.66	192.23	5.565
334	50	Bias	188.21	195.03	6.822
335	50	Bias	179.79	185.31	5.52
336	50	Bias	180.58	185.86	5.283
337	50	Bias	183.28	189.05	5.769
338	50	Unbiased	182.24	187.23	4.991
339	50	Unbiased	194.3	196.97	2.662
340	50	Unbiased	184.56	186.33	1.767
341	50	Unbiased	184	185.84	1.838
342	50	Unbiased	186.86	188.51	1.654
343	100	Bias	190.27	196.28	6.013
344	100	Bias	186.59	193.29	6.705
345	100	Bias	185.75	191.42	5.667
346	100	Bias	183.41	188.01	4.597
347	100	Bias	188.51	196.45	7.94
348	100	Unbiased	185.75	191.54	5.788
349	100	Unbiased	185.03	189.54	4.511
350	100	Unbiased	186.41	192.72	6.311
351	100	Unbiased	184.51	189.31	4.796
352	100	Unbiased	194.65	203.24	8.593

Test Statistics (V/μs)

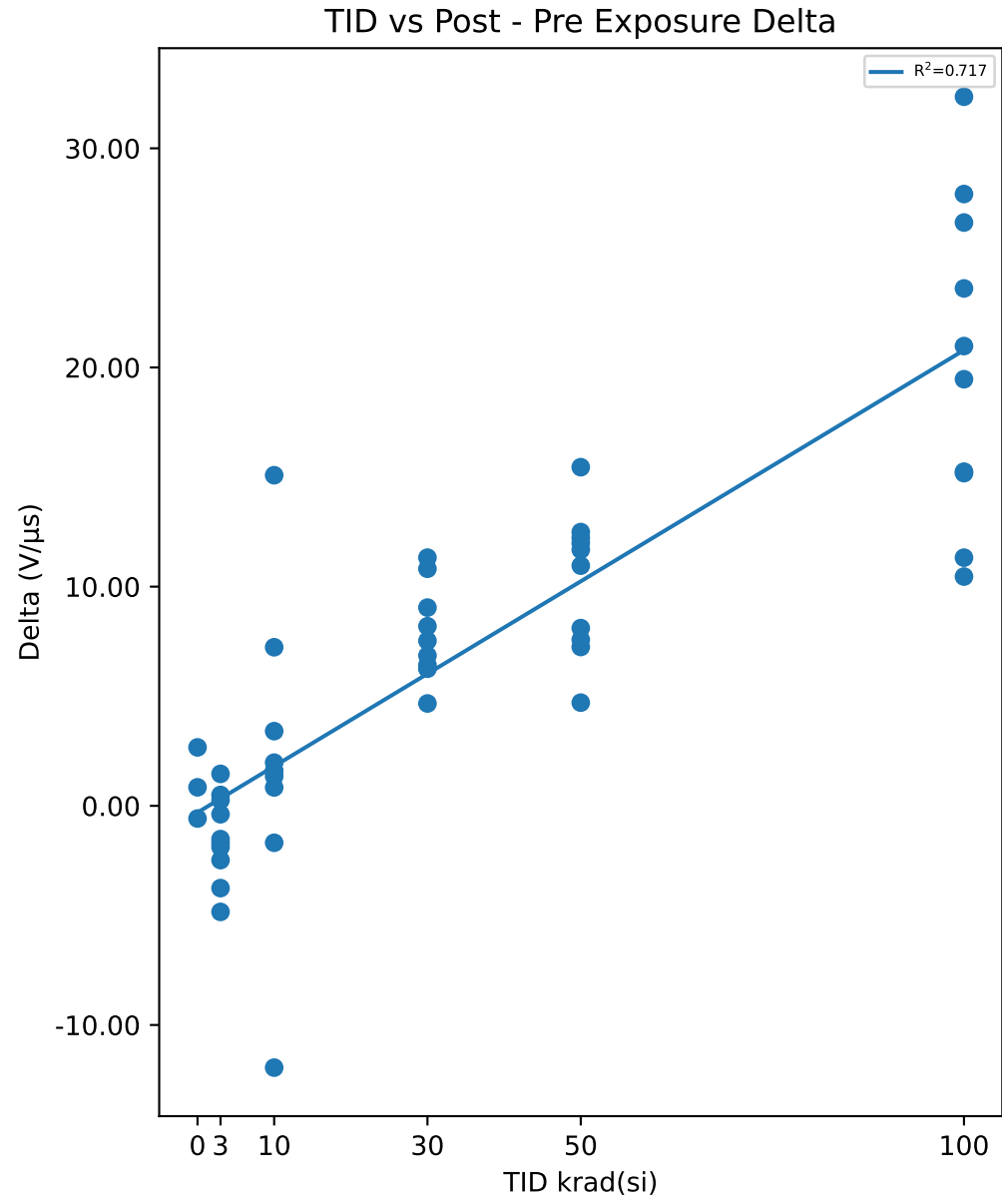
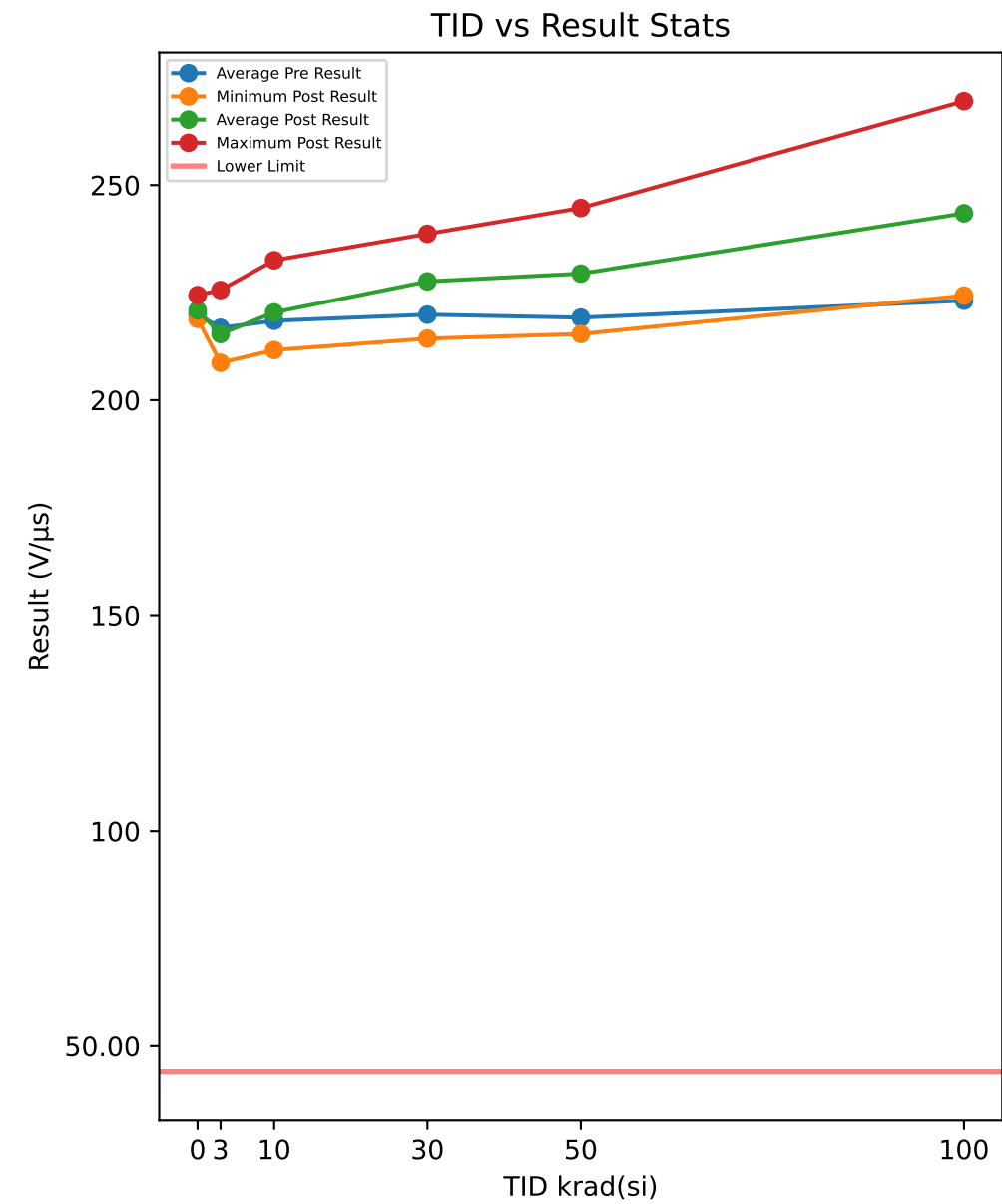
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	182.53	185.01	188.13	2.8569	183.01	186.28	190.7	3.9691	0.487	1.2697	2.565	1.1299
3	180.72	183.67	191.37	3.024	179.98	183.18	189.62	3.076	-2.511	-0.496	2.074	1.9055
10	179.62	182.96	187.17	2.2774	181.81	184.86	188.99	2.5322	1.186	1.895	3.413	0.67342
30	179.45	184.49	191.07	4.1588	181.99	188.41	196.49	4.9482	2.436	3.9159	5.419	0.95509
50	179.79	185.05	194.3	4.2361	185.31	189.24	196.97	4.1318	1.654	4.1871	6.822	1.9744
100	183.41	187.09	194.65	3.299	188.01	193.18	203.24	4.5034	4.511	6.0921	8.593	1.3657



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	208.45	208.89	0.442
301	0	Correlation	209.86	210.08	0.22
302	0	Correlation	213.98	213.83	-0.148
303	3	Bias	207.51	205.07	-2.44
304	3	Bias	203.5	202.64	-0.857
305	3	Bias	215.37	213.4	-1.967
306	3	Bias	207.59	207.54	-0.045
307	3	Bias	206.42	205.69	-0.736
308	3	Unbiased	208.69	206.4	-2.287
309	3	Unbiased	206.44	206.77	0.332
310	3	Unbiased	205.13	206.39	1.263
311	3	Unbiased	210.92	210.96	0.036
312	3	Unbiased	210.68	210.91	0.237
313	10	Bias	207.06	208.13	1.077
314	10	Bias	210.65	212.02	1.367
315	10	Bias	210.38	211.91	1.53
316	10	Bias	207.85	209.27	1.414
317	10	Bias	205.93	206.06	0.137
318	10	Unbiased	212.75	214.1	1.35
319	10	Unbiased	205.06	205.98	0.921
320	10	Unbiased	208.32	206.98	-1.338
321	10	Unbiased	206.62	210.08	3.46
322	10	Unbiased	203.83	205.85	2.023
323	30	Bias	203.55	207.14	3.589
324	30	Bias	209.63	210.52	0.886
325	30	Bias	215.13	218.61	3.484
326	30	Bias	210.84	214.1	3.26
327	30	Bias	206.94	210.26	3.32
328	30	Unbiased	215.34	219.51	4.165
329	30	Unbiased	203.77	207.29	3.519
330	30	Unbiased	216.85	221.86	5.009
331	30	Unbiased	207.77	210.13	2.358
332	30	Unbiased	211.35	214.42	3.063
333	50	Bias	212.97	217.17	4.202
334	50	Bias	214.77	218.21	3.436
335	50	Bias	203.41	209.23	5.822
336	50	Bias	206.29	211.98	5.689
337	50	Bias	210.22	214.5	4.282
338	50	Unbiased	206.57	211.56	4.987
339	50	Unbiased	221.37	223.85	2.48
340	50	Unbiased	207.63	210.57	2.939
341	50	Unbiased	204.93	207.67	2.743
342	50	Unbiased	210.75	214.4	3.646
343	100	Bias	214.46	221.96	7.5
344	100	Bias	211.32	215.83	4.513
345	100	Bias	207.76	214.98	7.224
346	100	Bias	207.68	213.4	5.717
347	100	Bias	215.26	222.03	6.775
348	100	Unbiased	209.51	216.03	6.516
349	100	Unbiased	208.94	213.97	5.035
350	100	Unbiased	210.64	216.56	5.919
351	100	Unbiased	206.79	214.44	7.648
352	100	Unbiased	219.34	228.43	9.093

Test Statistics (V/μs)

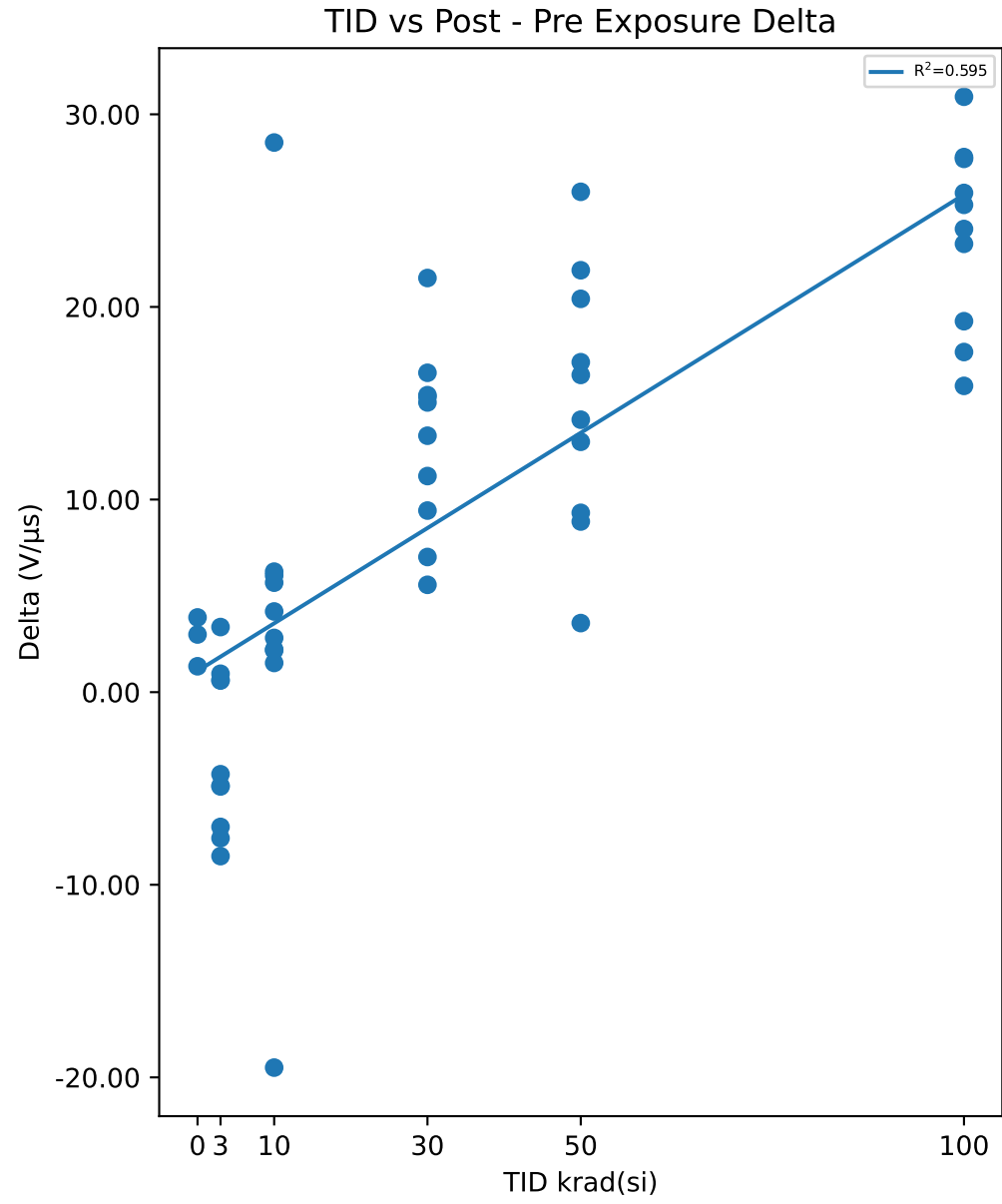
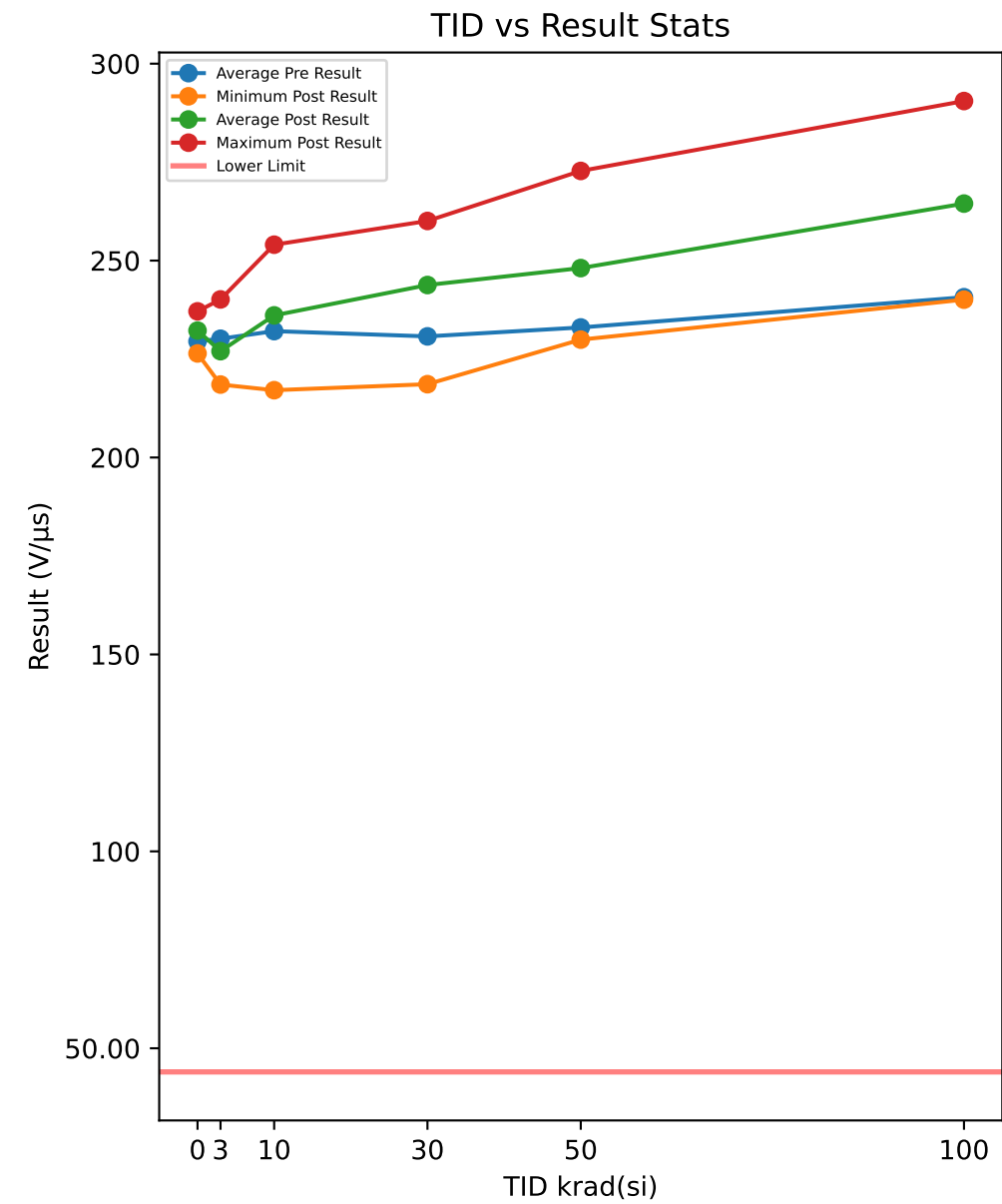
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	208.45	210.76	213.98	2.8743	208.89	210.93	213.83	2.5793	-0.148	0.17133	0.442	0.298
3	203.5	208.22	215.37	3.3952	202.64	207.58	213.4	3.2336	-2.44	-0.6464	1.263	1.2435
10	203.83	207.84	212.75	2.754	205.85	209.04	214.1	2.9298	-1.338	1.1941	3.46	1.2317
30	203.55	210.12	216.85	4.7031	207.14	213.38	221.86	5.1958	0.886	3.2653	5.009	1.085
50	203.41	209.89	221.37	5.3927	207.67	213.91	223.85	4.8284	2.48	4.0226	5.822	1.1889
100	206.79	211.17	219.34	4.0175	213.4	217.76	228.43	4.831	4.513	6.594	9.093	1.358



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	219.47	218.89	-0.579
301	0	Correlation	218.46	219.31	0.845
302	0	Correlation	221.76	224.43	2.666
303	3	Bias	213.53	208.69	-4.84
304	3	Bias	212.46	212.08	-0.385
305	3	Bias	225.33	225.59	0.259
306	3	Bias	218.66	216.95	-1.704
307	3	Bias	214.07	210.32	-3.754
308	3	Unbiased	216.26	213.79	-2.477
309	3	Unbiased	215.03	213.51	-1.518
310	3	Unbiased	213.75	214.25	0.497
311	3	Unbiased	220.39	221.85	1.458
312	3	Unbiased	218.59	216.71	-1.884
313	10	Bias	217.34	218.68	1.344
314	10	Bias	214.67	216.25	1.579
315	10	Bias	223.44	230.67	7.235
316	10	Bias	224.8	223.12	-1.686
317	10	Bias	218.69	220.66	1.969
318	10	Unbiased	220.09	220.93	0.838
319	10	Unbiased	210.41	212	1.594
320	10	Unbiased	217.44	232.53	15.083
321	10	Unbiased	229.35	217.41	-11.945
322	10	Unbiased	208.23	211.64	3.407
323	30	Bias	208.01	214.3	6.29
324	30	Bias	214.5	219.18	4.67
325	30	Bias	220.51	228.04	7.53
326	30	Bias	222.45	231.5	9.045
327	30	Bias	221.44	232.76	11.324
328	30	Unbiased	229.63	236.06	6.426
329	30	Unbiased	216.08	222.34	6.254
330	30	Unbiased	230.47	238.66	8.193
331	30	Unbiased	218.9	229.72	10.816
332	30	Unbiased	216.66	223.52	6.856
333	50	Bias	229.23	244.68	15.451
334	50	Bias	223.36	235.04	11.684
335	50	Bias	213.14	220.72	7.582
336	50	Bias	217.49	229.98	12.49
337	50	Bias	225.04	237.03	11.99
338	50	Unbiased	211.76	222.71	10.957
339	50	Unbiased	231.53	243.77	12.233
340	50	Unbiased	210.66	215.37	4.708
341	50	Unbiased	214.41	222.52	8.109
342	50	Unbiased	215.14	222.39	7.247
343	100	Bias	229.26	261.62	32.353
344	100	Bias	227.11	250.72	23.606
345	100	Bias	218.09	233.34	15.247
346	100	Bias	216.69	231.87	15.179
347	100	Bias	242.88	269.49	26.613
348	100	Unbiased	215.33	234.8	19.464
349	100	Unbiased	223.37	233.83	10.46
350	100	Unbiased	216.41	237.39	20.977
351	100	Unbiased	212.98	224.31	11.322
352	100	Unbiased	229.09	257	27.914

Test Statistics (V/μs)

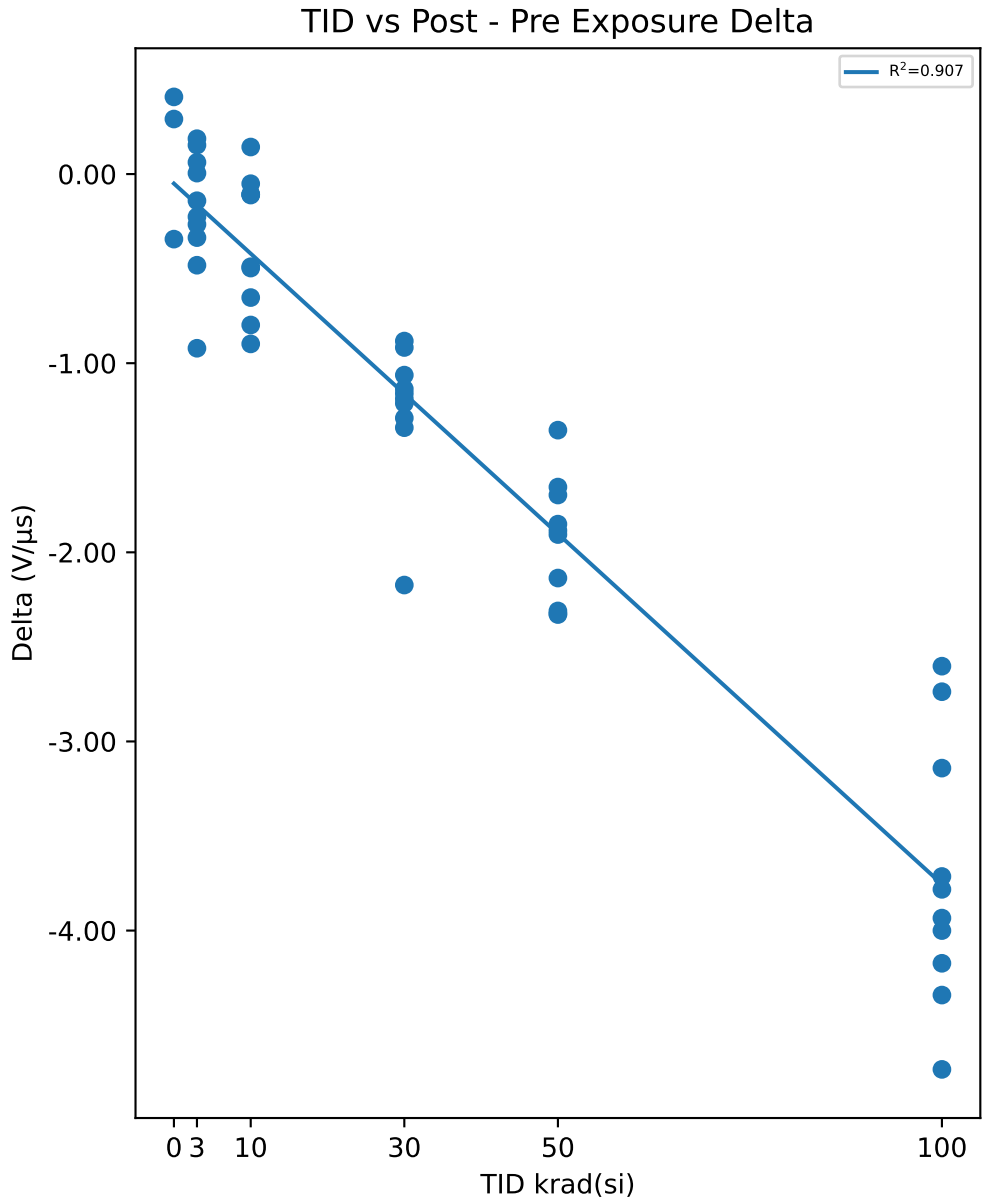
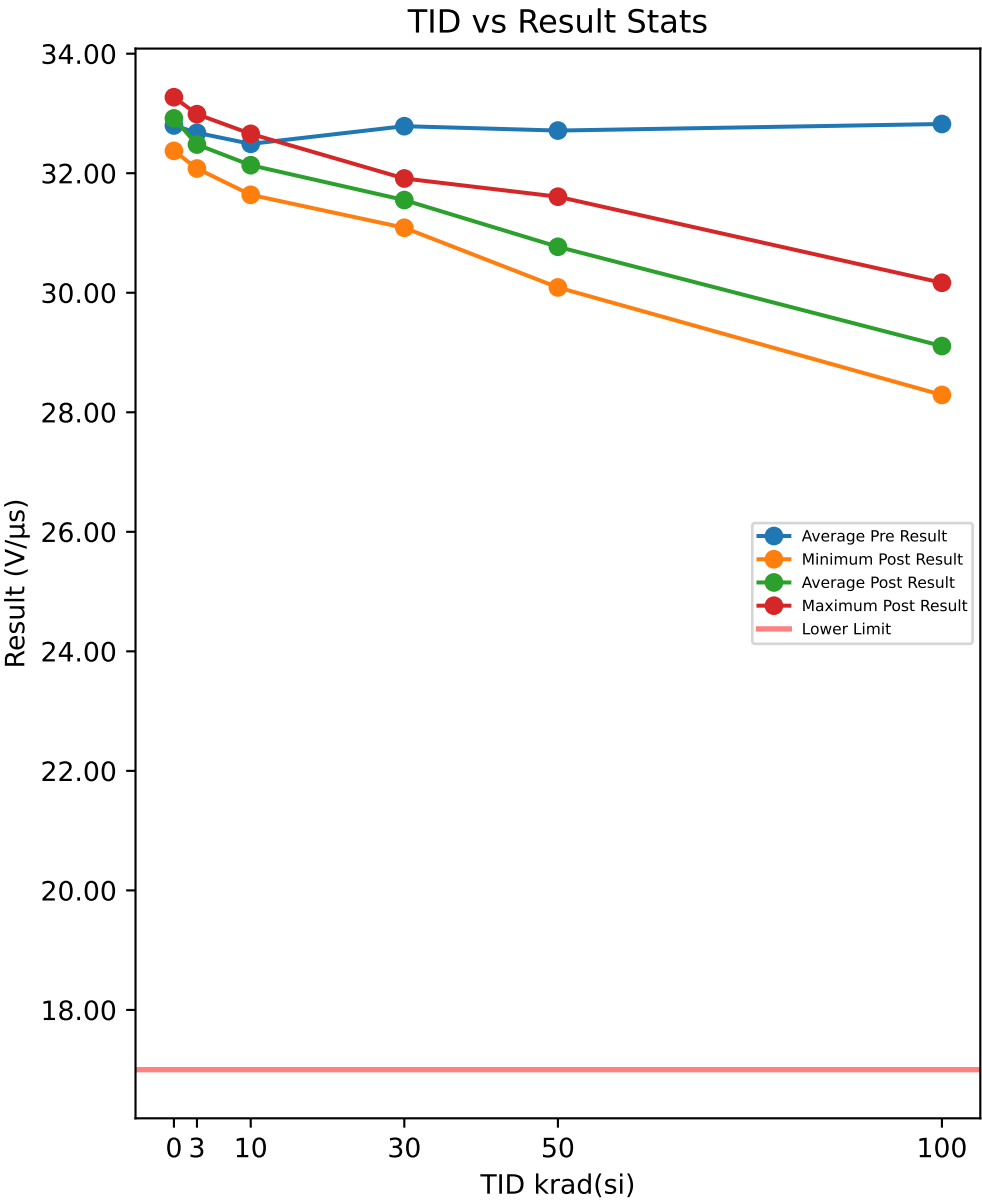
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	218.46	219.89	221.76	1.6915	218.89	220.87	224.43	3.0847	-0.579	0.97733	2.666	1.6265
3	212.46	216.81	225.33	3.9726	208.69	215.37	225.59	5.1529	-4.84	-1.4348	1.458	1.9554
10	208.23	218.45	229.35	6.433	211.64	220.39	232.53	6.9655	-11.945	1.9418	15.083	6.7552
30	208.01	219.87	230.47	6.7666	214.3	227.61	238.66	7.6923	4.67	7.7404	11.324	2.1214
50	210.66	219.18	231.53	7.539	215.37	229.42	244.68	10.24	4.708	10.245	15.451	3.2149
100	212.98	223.12	242.88	9.1587	224.31	243.44	269.49	15.099	10.46	20.313	32.353	7.3362



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	225.08	226.43	1.344
301	0	Correlation	229.28	233.16	3.879
302	0	Correlation	234.12	237.11	2.994
303	3	Bias	224.3	219.4	-4.895
304	3	Bias	225.52	218.52	-6.996
305	3	Bias	248.65	240.14	-8.513
306	3	Bias	229.74	224.88	-4.86
307	3	Bias	225.35	221.09	-4.26
308	3	Unbiased	233.69	226.12	-7.579
309	3	Unbiased	225.27	225.88	0.606
310	3	Unbiased	226.38	227.33	0.955
311	3	Unbiased	231.72	235.1	3.38
312	3	Unbiased	230.92	231.54	0.621
313	10	Bias	228.65	234.9	6.257
314	10	Bias	229.26	231.48	2.214
315	10	Bias	247.98	254.04	6.058
316	10	Bias	239.08	241.25	2.174
317	10	Bias	230.61	236.29	5.684
318	10	Unbiased	244.84	246.35	1.517
319	10	Unbiased	214.27	217.09	2.816
320	10	Unbiased	223.46	251.99	28.535
321	10	Unbiased	247.27	227.78	-19.493
322	10	Unbiased	215.5	219.68	4.189
323	30	Bias	213.04	218.61	5.573
324	30	Bias	223.85	230.87	7.017
325	30	Bias	235.57	257.07	21.501
326	30	Bias	237.87	249.09	11.219
327	30	Bias	234.57	249.9	15.33
328	30	Unbiased	238.79	254.21	15.419
329	30	Unbiased	222.44	231.87	9.428
330	30	Unbiased	245.02	260.06	15.04
331	30	Unbiased	226.82	243.4	16.58
332	30	Unbiased	229.58	242.89	13.313
333	50	Bias	259.77	272.76	12.998
334	50	Bias	238	255.13	17.13
335	50	Bias	220.8	242.7	21.904
336	50	Bias	223.69	249.67	25.976
337	50	Bias	238.09	258.51	20.42
338	50	Unbiased	216.87	231.02	14.145
339	50	Unbiased	253.85	257.44	3.586
340	50	Unbiased	220.62	229.93	9.31
341	50	Unbiased	225.69	234.55	8.859
342	50	Unbiased	232.8	249.27	16.469
343	100	Bias	271.25	287.15	15.901
344	100	Bias	245.49	271.41	25.918
345	100	Bias	230.1	261.01	30.912
346	100	Bias	227.18	252.48	25.3
347	100	Bias	262.82	290.51	27.687
348	100	Unbiased	232.78	260.56	27.78
349	100	Unbiased	226.97	244.63	17.658
350	100	Unbiased	226.17	249.45	23.275
351	100	Unbiased	220.82	240.08	19.258
352	100	Unbiased	263.39	287.43	24.046

Test Statistics (V/μs)

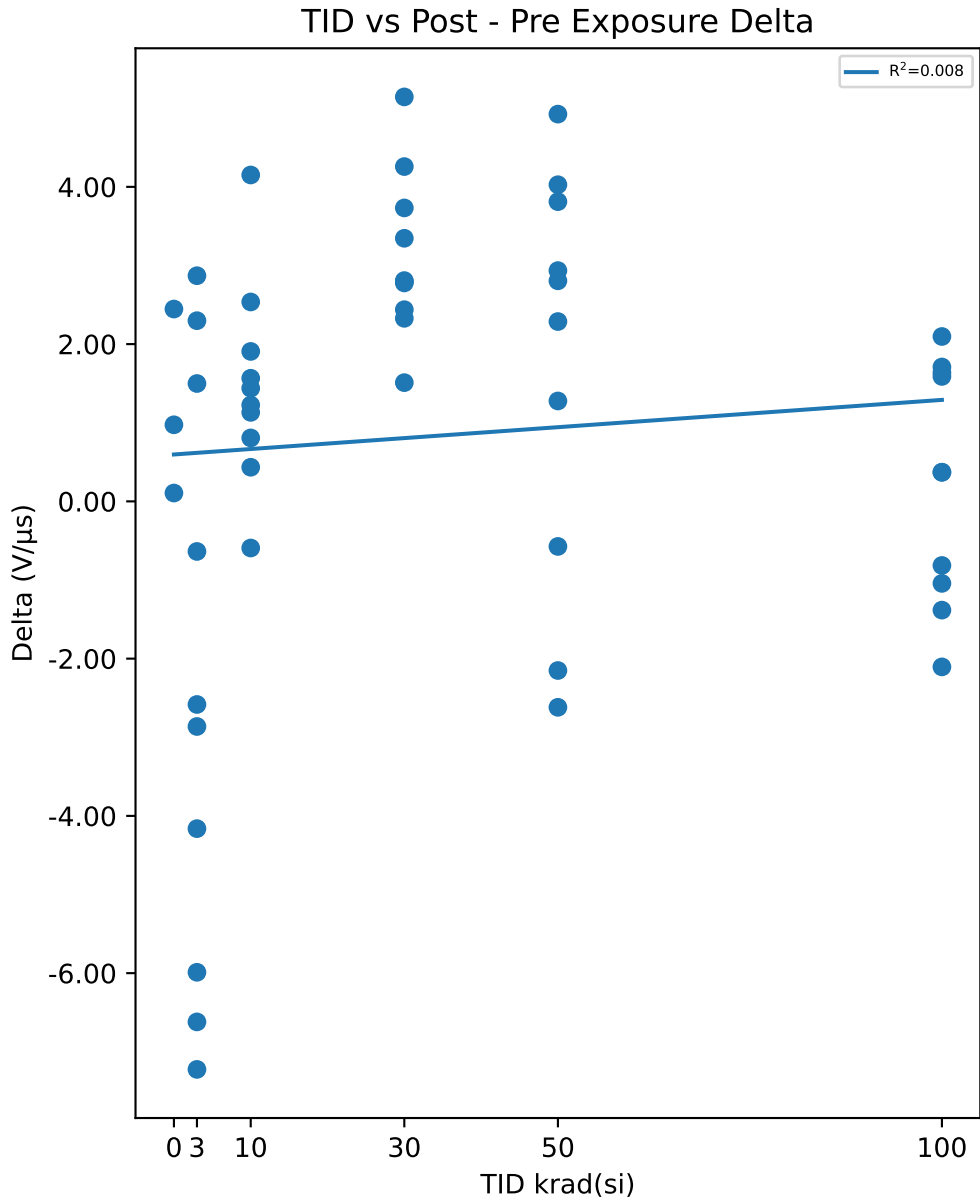
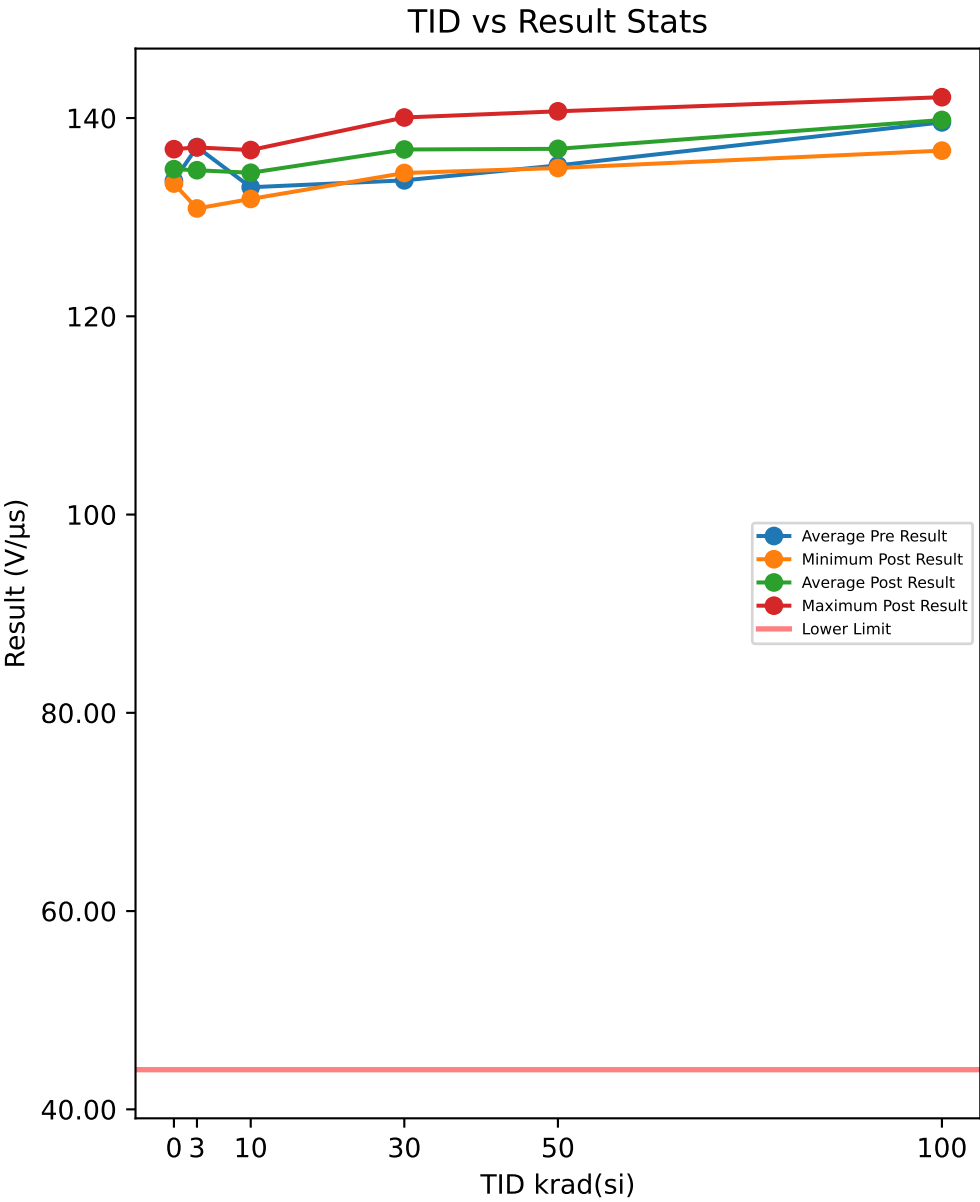
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	225.08	229.49	234.12	4.5213	226.43	232.23	237.11	5.4025	1.344	2.739	3.879	1.2866
3	224.3	230.15	248.65	7.2632	218.52	227	240.14	6.9114	-8.513	-3.1541	3.38	4.1925
10	214.27	232.09	247.98	12.399	217.09	236.09	254.04	12.601	-19.493	3.9951	28.535	11.451
30	213.04	230.76	245.02	9.4507	218.61	243.8	260.06	13.161	5.573	13.042	21.501	4.8015
50	216.87	233.02	259.77	14.547	229.93	248.1	272.76	13.711	3.586	15.08	25.976	6.7433
100	220.82	240.7	271.25	18.597	240.08	264.47	290.51	18.717	15.901	23.773	30.912	4.8229



Test Results (Lower Limit = 17.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	32.864	33.272	0.408
301	0	Correlation	33.45	33.106	-0.344
302	0	Correlation	32.083	32.374	0.291
303	3	Bias	32.358	32.132	-0.226
304	3	Bias	32.634	32.152	-0.482
305	3	Bias	32.791	32.978	0.187
306	3	Bias	32.55	32.703	0.153
307	3	Bias	32.345	32.079	-0.266
308	3	Unbiased	33.129	32.208	-0.921
309	3	Unbiased	32.537	32.599	0.062
310	3	Unbiased	32.403	32.262	-0.141
311	3	Unbiased	32.983	32.988	0.005
312	3	Unbiased	33.036	32.7	-0.336
313	10	Bias	32.26	32.209	-0.051
314	10	Bias	32.766	32.659	-0.107
315	10	Bias	32.129	31.639	-0.49
316	10	Bias	33.002	32.349	-0.653
317	10	Bias	32.454	31.957	-0.497
318	10	Unbiased	32.292	32.435	0.143
319	10	Unbiased	32.192	32.085	-0.107
320	10	Unbiased	32.246	32.135	-0.111
321	10	Unbiased	32.728	31.93	-0.798
322	10	Unbiased	32.843	31.945	-0.898
323	30	Bias	32.073	31.156	-0.917
324	30	Bias	33.168	31.878	-1.29
325	30	Bias	32.15	31.087	-1.063
326	30	Bias	32.938	31.778	-1.16
327	30	Bias	32.774	31.638	-1.136
328	30	Unbiased	32.773	31.89	-0.883
329	30	Unbiased	32.961	31.62	-1.341
330	30	Unbiased	34.085	31.912	-2.173
331	30	Unbiased	32.639	31.451	-1.188
332	30	Unbiased	32.31	31.098	-1.212
333	50	Bias	33.267	31.361	-1.906
334	50	Bias	32.452	30.601	-1.851
335	50	Bias	32.615	30.291	-2.324
336	50	Bias	32.5	30.364	-2.136
337	50	Bias	31.974	30.089	-1.885
338	50	Unbiased	32.961	31.607	-1.354
339	50	Unbiased	32.836	31.181	-1.655
340	50	Unbiased	32.766	30.437	-2.329
341	50	Unbiased	33.216	30.906	-2.31
342	50	Unbiased	32.551	30.854	-1.697
343	100	Bias	33.236	29.522	-3.714
344	100	Bias	32.743	28.809	-3.934
345	100	Bias	33.123	28.95	-4.173
346	100	Bias	32.631	28.29	-4.341
347	100	Bias	33.348	28.614	-4.734
348	100	Unbiased	32.318	29.177	-3.141
349	100	Unbiased	32.621	29.884	-2.737
350	100	Unbiased	32.905	29.123	-3.782
351	100	Unbiased	32.541	28.541	-4
352	100	Unbiased	32.769	30.167	-2.602

Test Statistics (V/μs)

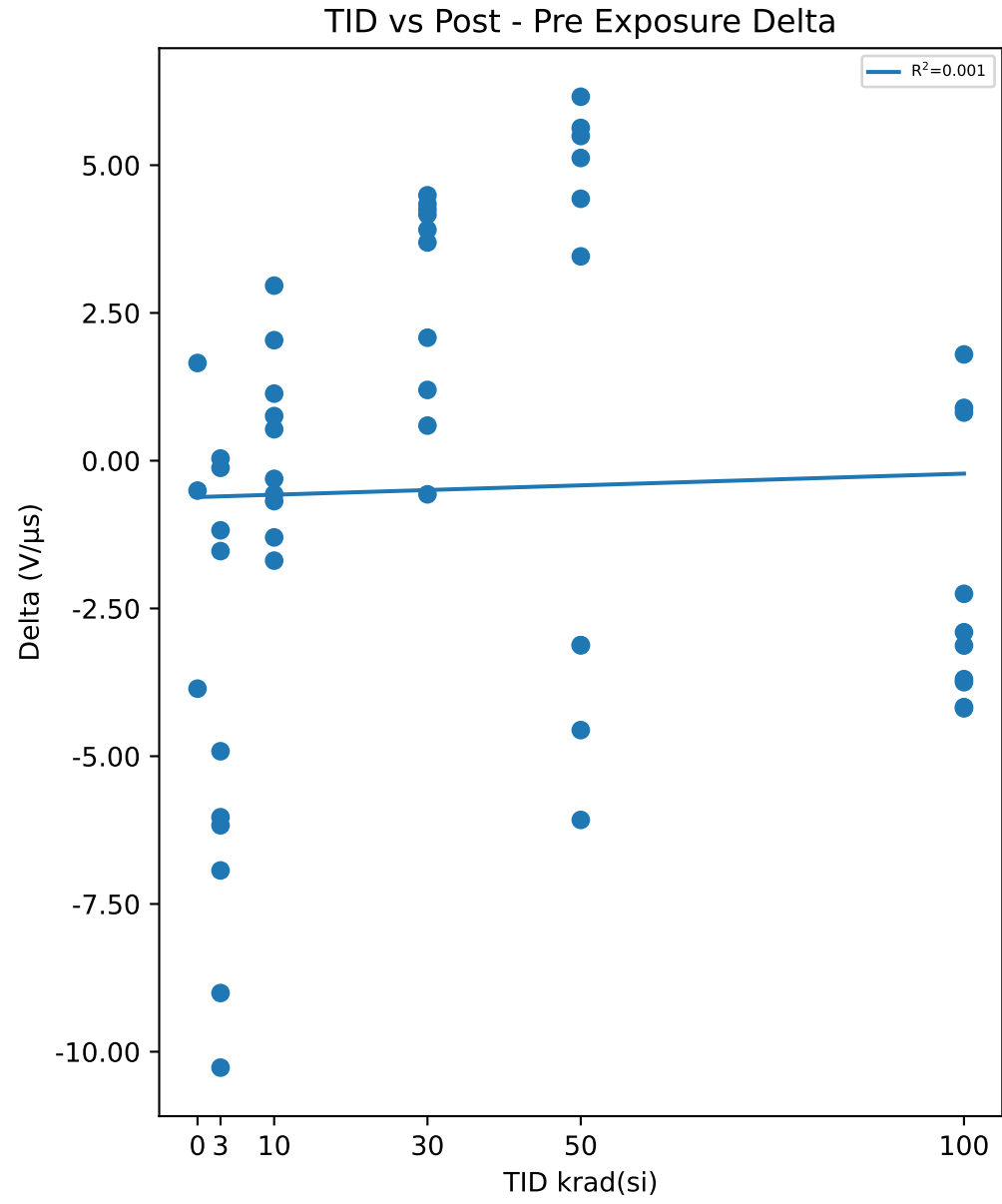
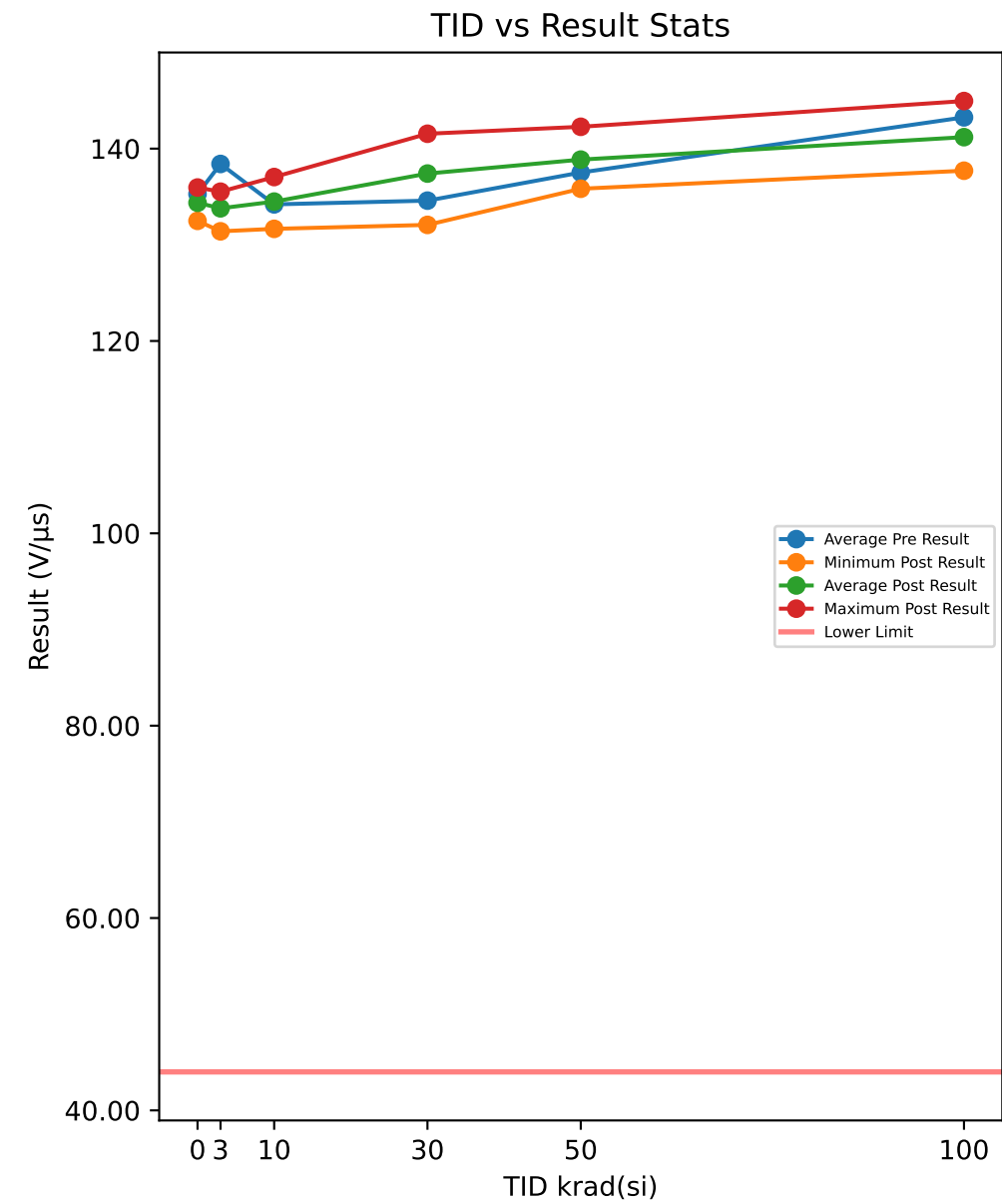
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.083	32.799	33.45	0.68581	32.374	32.917	33.272	0.4778	-0.344	0.11833	0.408	0.40464
3	32.345	32.677	33.129	0.29144	32.079	32.48	32.988	0.35424	-0.921	-0.1965	0.187	0.33521
10	32.129	32.491	33.002	0.31475	31.639	32.134	32.659	0.29329	-0.898	-0.3569	0.143	0.35609
30	32.073	32.787	34.085	0.58199	31.087	31.551	31.912	0.33376	-2.173	-1.2363	-0.883	0.36007
50	31.974	32.714	33.267	0.38511	30.089	30.769	31.607	0.49909	-2.329	-1.9447	-1.354	0.32824
100	32.318	32.824	33.348	0.32735	28.29	29.108	30.167	0.60084	-4.734	-3.7158	-2.602	0.69109



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	131.83	134.28	2.446
301	0	Correlation	136.75	136.86	0.106
302	0	Correlation	132.42	133.39	0.974
303	3	Bias	141.2	135.21	-5.989
304	3	Bias	137.5	130.88	-6.62
305	3	Bias	140.48	136.32	-4.162
306	3	Bias	139.09	136.23	-2.863
307	3	Bias	138.56	135.97	-2.583
308	3	Unbiased	140	132.78	-7.224
309	3	Unbiased	130	132.87	2.87
310	3	Unbiased	133.52	135.02	1.499
311	3	Unbiased	135.66	135.02	-0.637
312	3	Unbiased	134.74	137.03	2.298
313	10	Bias	135.02	135.83	0.807
314	10	Bias	129.9	134.05	4.151
315	10	Bias	133.75	136.29	2.536
316	10	Bias	133.26	133.69	0.434
317	10	Bias	133.18	135.09	1.907
318	10	Unbiased	135.2	136.77	1.566
319	10	Unbiased	132.99	134.12	1.132
320	10	Unbiased	132.43	131.84	-0.593
321	10	Unbiased	133.26	134.49	1.225
322	10	Unbiased	131.16	132.6	1.439
323	30	Bias	132.61	135.39	2.778
324	30	Bias	133.11	135.44	2.328
325	30	Bias	132.06	137.21	5.144
326	30	Bias	134.42	138.68	4.258
327	30	Bias	133.19	136.92	3.732
328	30	Unbiased	134.12	136.91	2.795
329	30	Unbiased	132.02	134.45	2.438
330	30	Unbiased	137.25	140.05	2.808
331	30	Unbiased	133.7	137.05	3.346
332	30	Unbiased	134.65	136.16	1.51
333	50	Bias	135.75	140.68	4.925
334	50	Bias	132.28	136.31	4.027
335	50	Bias	133.5	136.44	2.935
336	50	Bias	133.86	137.67	3.812
337	50	Bias	132.15	134.96	2.805
338	50	Unbiased	133.71	135.99	2.287
339	50	Unbiased	140.77	140.2	-0.573
340	50	Unbiased	134.35	135.62	1.277
341	50	Unbiased	138.43	135.81	-2.619
342	50	Unbiased	137.4	135.25	-2.151
343	100	Bias	137.55	139.26	1.709
344	100	Bias	139.23	137.84	-1.383
345	100	Bias	139.5	141.14	1.637
346	100	Bias	141.73	142.1	0.37
347	100	Bias	138.81	136.71	-2.105
348	100	Unbiased	138.54	138.92	0.371
349	100	Unbiased	137.89	139.99	2.097
350	100	Unbiased	142.35	141.31	-1.043
351	100	Unbiased	139.69	138.88	-0.815
352	100	Unbiased	140.32	141.91	1.589

Test Statistics (V/μs)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	131.83	133.67	136.75	2.6886	133.39	134.84	136.86	1.8018	0.106	1.1753	2.446	1.1829
3	130	137.07	141.2	3.5558	130.88	134.73	137.03	1.9484	-7.224	-2.3411	2.87	3.7332
10	129.9	133.02	135.2	1.5975	131.84	134.48	136.77	1.5684	-0.593	1.4604	4.151	1.2679
30	132.02	133.71	137.25	1.5442	134.45	136.83	140.05	1.6369	1.51	3.1137	5.144	1.0446
50	132.15	135.22	140.77	2.8298	134.96	136.89	140.68	2.0132	-2.619	1.6725	4.925	2.6287
100	137.55	139.56	142.35	1.5504	136.71	139.81	142.1	1.7997	-2.105	0.2427	2.097	1.502

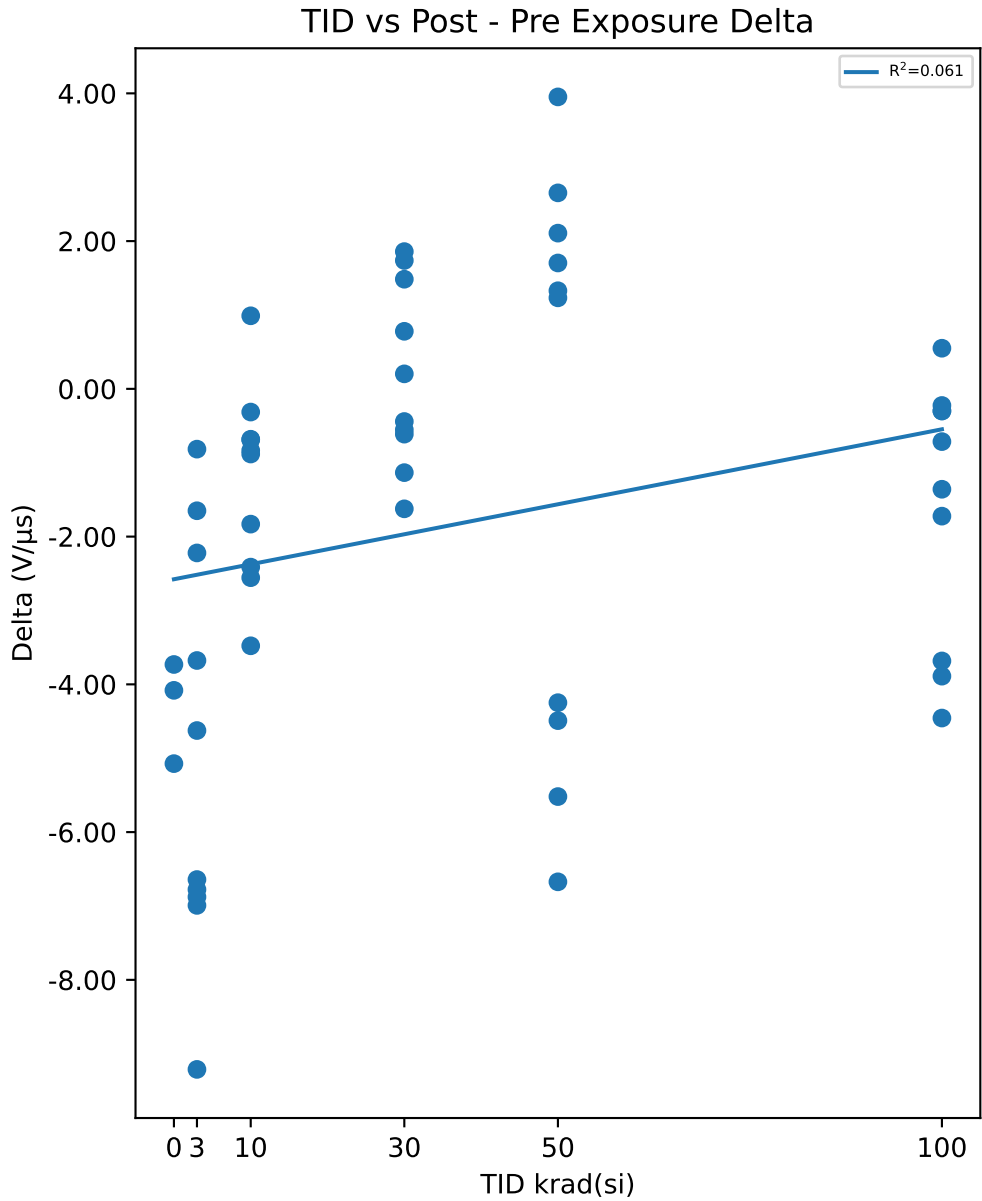
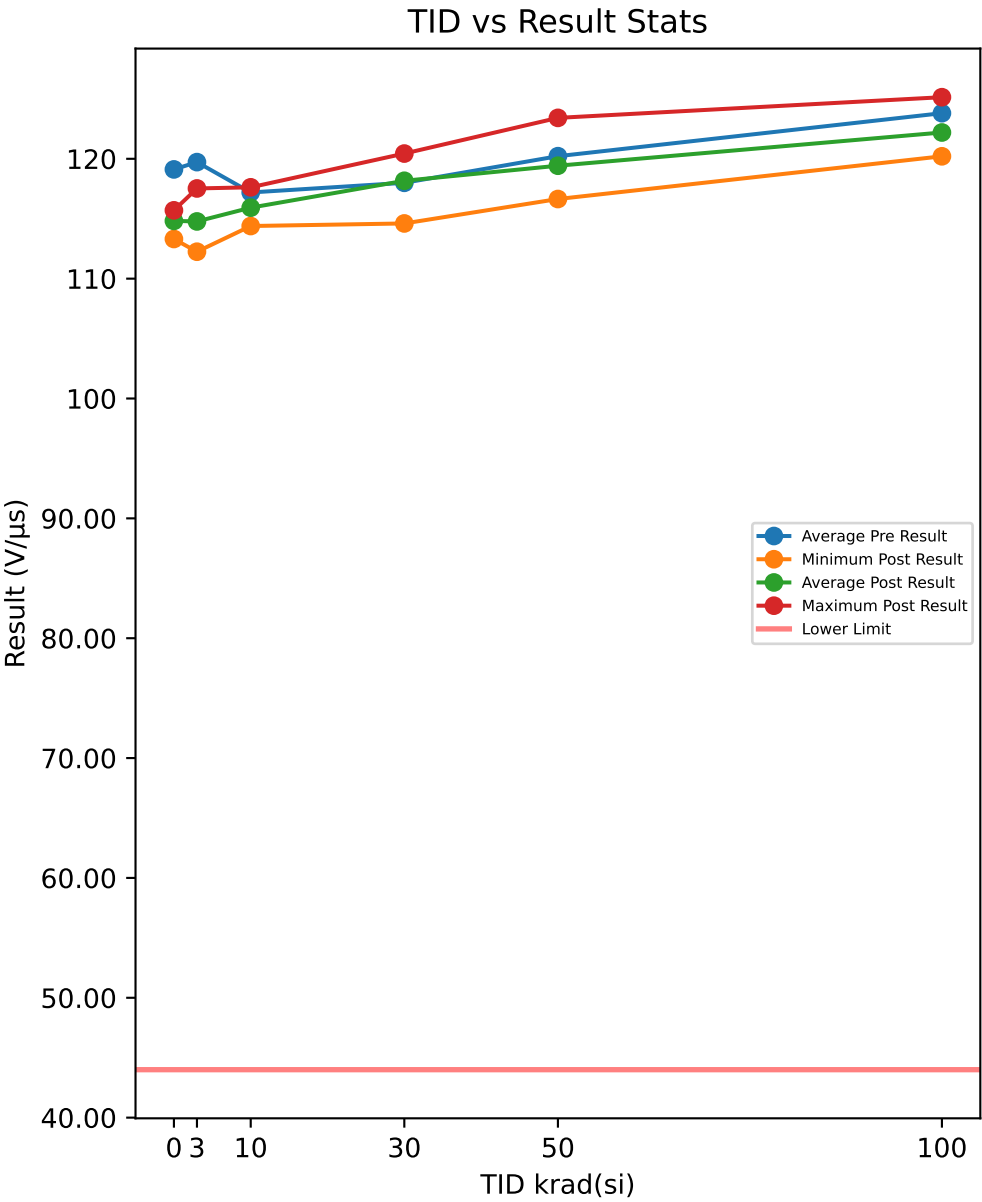
Device Test: 19.7 ; RESET_SLEW_RATE_FALL



Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	133	132.49	-0.506
301	0	Correlation	138.53	134.67	-3.857
302	0	Correlation	134.3	135.96	1.653
303	3	Bias	139.61	133.58	-6.032
304	3	Bias	139.56	134.64	-4.916
305	3	Bias	144.47	135.46	-9.007
306	3	Bias	142.46	135.52	-6.933
307	3	Bias	141.67	131.4	-10.269
308	3	Unbiased	138.64	132.47	-6.17
309	3	Unbiased	133.84	133.87	0.037
310	3	Unbiased	132.27	132.15	-0.121
311	3	Unbiased	136.22	134.69	-1.53
312	3	Unbiased	135.34	134.16	-1.178
313	10	Bias	134.46	135.22	0.755
314	10	Bias	136.41	135.73	-0.684
315	10	Bias	132.8	134.84	2.039
316	10	Bias	133.91	136.87	2.962
317	10	Bias	133.81	133.25	-0.566
318	10	Unbiased	136.51	137.05	0.532
319	10	Unbiased	133.08	131.78	-1.298
320	10	Unbiased	134.87	134.56	-0.307
321	10	Unbiased	132.84	133.98	1.135
322	10	Unbiased	133.35	131.66	-1.691
323	30	Bias	130.24	134.41	4.164
324	30	Bias	135.81	140.06	4.252
325	30	Bias	137.06	141.55	4.491
326	30	Bias	134.66	139	4.341
327	30	Bias	132.03	135.94	3.908
328	30	Unbiased	135.47	139.16	3.692
329	30	Unbiased	132.64	132.07	-0.569
330	30	Unbiased	138.72	139.92	1.197
331	30	Unbiased	134.31	136.39	2.081
332	30	Unbiased	134.98	135.58	0.594
333	50	Bias	137.15	142.27	5.122
334	50	Bias	136.57	141	4.432
335	50	Bias	131.09	136.58	5.493
336	50	Bias	132.51	138.66	6.158
337	50	Bias	132.3	137.93	5.631
338	50	Unbiased	135.69	139.15	3.457
339	50	Unbiased	146.63	140.56	-6.078
340	50	Unbiased	138.95	135.83	-3.123
341	50	Unbiased	140.72	137.6	-3.121
342	50	Unbiased	143.54	138.99	-4.558
343	100	Bias	144.18	139.99	-4.19
344	100	Bias	143.19	140.94	-2.252
345	100	Bias	143.57	139.87	-3.696
346	100	Bias	142.04	142.93	0.894
347	100	Bias	144.97	141.84	-3.128
348	100	Unbiased	141.51	142.33	0.814
349	100	Unbiased	141.45	137.7	-3.748
350	100	Unbiased	143.84	139.67	-4.169
351	100	Unbiased	139.92	141.71	1.798
352	100	Unbiased	147.85	144.95	-2.902

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	133	135.28	138.53	2.8916	132.49	134.37	135.96	1.7517	-3.857	-0.90333	1.653	2.7764
3	132.27	138.41	144.47	3.9366	131.4	133.79	135.52	1.4012	-10.269	-4.6119	0.037	3.7165
10	132.8	134.2	136.51	1.3657	131.66	134.49	137.05	1.8715	-1.691	0.2877	2.962	1.4784
30	130.24	134.59	138.72	2.47	132.07	137.41	141.55	2.9843	-0.569	2.8151	4.491	1.8417
50	131.09	137.52	146.63	5.0531	135.83	138.86	142.27	2.0016	-6.078	1.3413	6.158	4.9086
100	139.92	143.25	147.85	2.2179	137.7	141.19	144.95	2.0245	-4.19	-2.0579	1.798	2.3158

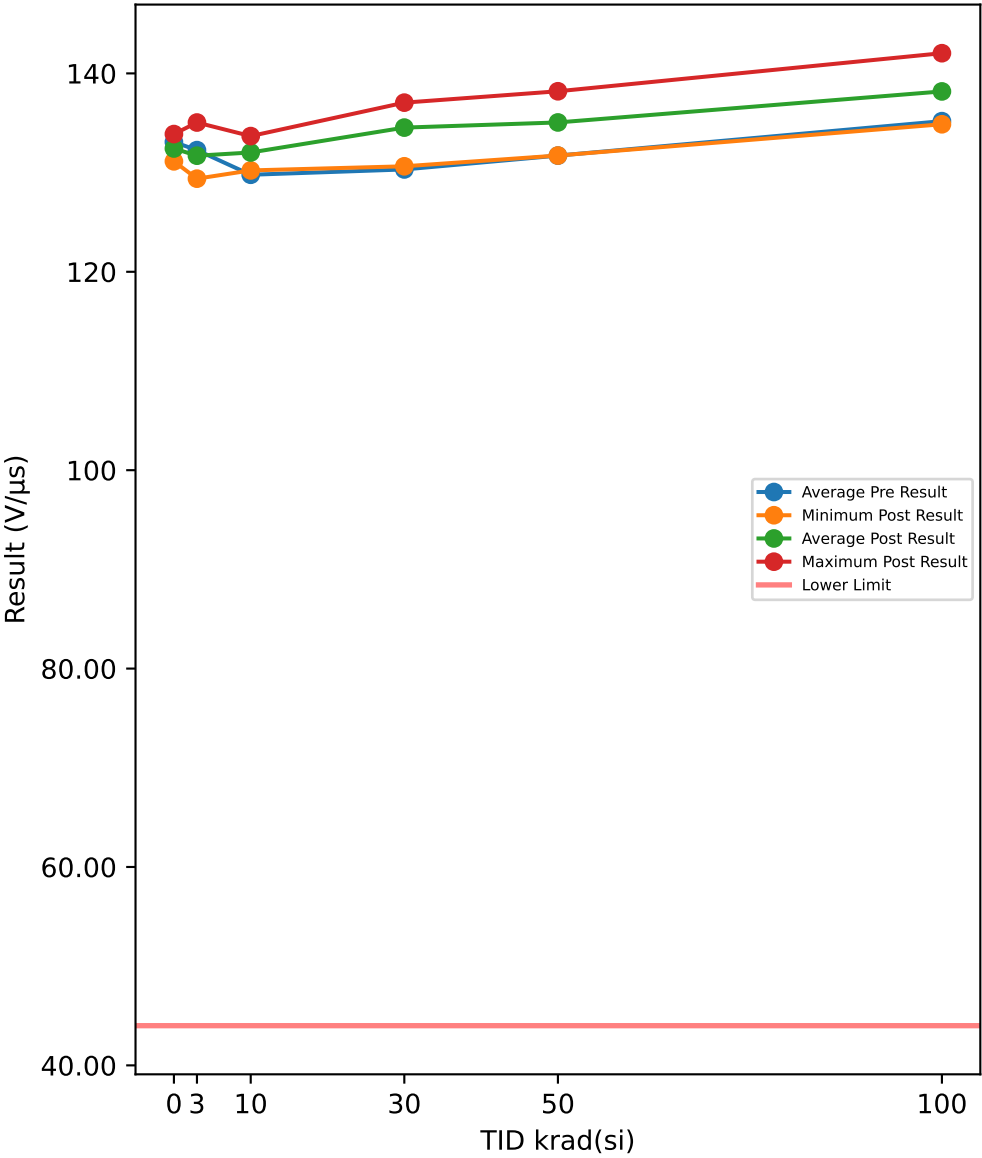


Test Results (Lower Limit = 44.0 (V/μs))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	117.39	113.31	-4.081
301	0	Correlation	119.18	115.45	-3.731
302	0	Correlation	120.77	115.7	-5.073
303	3	Bias	120.2	113.43	-6.777
304	3	Bias	121.46	112.25	-9.212
305	3	Bias	124.4	117.53	-6.878
306	3	Bias	122.38	115.73	-6.642
307	3	Bias	120.83	113.84	-6.992
308	3	Unbiased	118.85	114.22	-4.625
309	3	Unbiased	115.55	114.73	-0.816
310	3	Unbiased	115.63	113.98	-1.65
311	3	Unbiased	120.05	116.37	-3.677
312	3	Unbiased	117.88	115.66	-2.221
313	10	Bias	116.95	114.39	-2.556
314	10	Bias	117.93	117.1	-0.833
315	10	Bias	119.45	117.62	-1.831
316	10	Bias	118.47	114.99	-3.478
317	10	Bias	116.38	115.69	-0.69
318	10	Unbiased	118.45	116.04	-2.413
319	10	Unbiased	115.32	115	-0.314
320	10	Unbiased	116.15	117.14	0.989
321	10	Unbiased	116.54	115.66	-0.882
322	10	Unbiased	116.27	115.59	-0.682
323	30	Bias	115.74	114.61	-1.134
324	30	Bias	118.27	119.05	0.779
325	30	Bias	118.95	120.44	1.484
326	30	Bias	118.21	120.07	1.858
327	30	Bias	116.82	118.55	1.738
328	30	Unbiased	119.66	119.22	-0.442
329	30	Unbiased	116.11	115.49	-0.613
330	30	Unbiased	121.75	120.12	-1.624
331	30	Unbiased	115.81	116.01	0.203
332	30	Unbiased	118.65	118.1	-0.553
333	50	Bias	119.46	123.41	3.952
334	50	Bias	120.06	121.77	1.704
335	50	Bias	115.41	116.64	1.232
336	50	Bias	116.8	118.12	1.328
337	50	Bias	116.5	119.16	2.653
338	50	Unbiased	117.19	119.3	2.108
339	50	Unbiased	126.04	121.79	-4.248
340	50	Unbiased	121.37	116.88	-4.491
341	50	Unbiased	123.33	117.81	-5.519
342	50	Unbiased	126.03	119.35	-6.673
343	100	Bias	124.67	123.96	-0.714
344	100	Bias	121.67	121.37	-0.3
345	100	Bias	123.07	121.35	-1.723
346	100	Bias	121.5	122.05	0.55
347	100	Bias	124.39	124.09	-0.298
348	100	Unbiased	124.82	121.14	-3.683
349	100	Unbiased	124.1	120.21	-3.889
350	100	Unbiased	125.59	121.13	-4.456
351	100	Unbiased	121.74	121.52	-0.225
352	100	Unbiased	126.5	125.14	-1.359

Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	117.39	119.11	120.77	1.6924	113.31	114.82	115.7	1.3138	-5.073	-4.295	-3.731	0.69612
3	115.55	119.72	124.4	2.8256	112.25	114.77	117.53	1.5575	-9.212	-4.949	-0.816	2.777
10	115.32	117.19	119.45	1.3105	114.39	115.92	117.62	1.0571	-3.478	-1.269	0.989	1.2992
30	115.74	118	121.75	1.9189	114.61	118.17	120.44	2.0843	-1.624	0.1696	1.858	1.2399
50	115.41	120.22	126.04	3.9008	116.64	119.42	123.41	2.2513	-6.673	-0.7954	3.952	3.9463
100	121.5	123.8	126.5	1.7426	120.21	122.2	125.14	1.6147	-4.456	-1.6097	0.55	1.7792

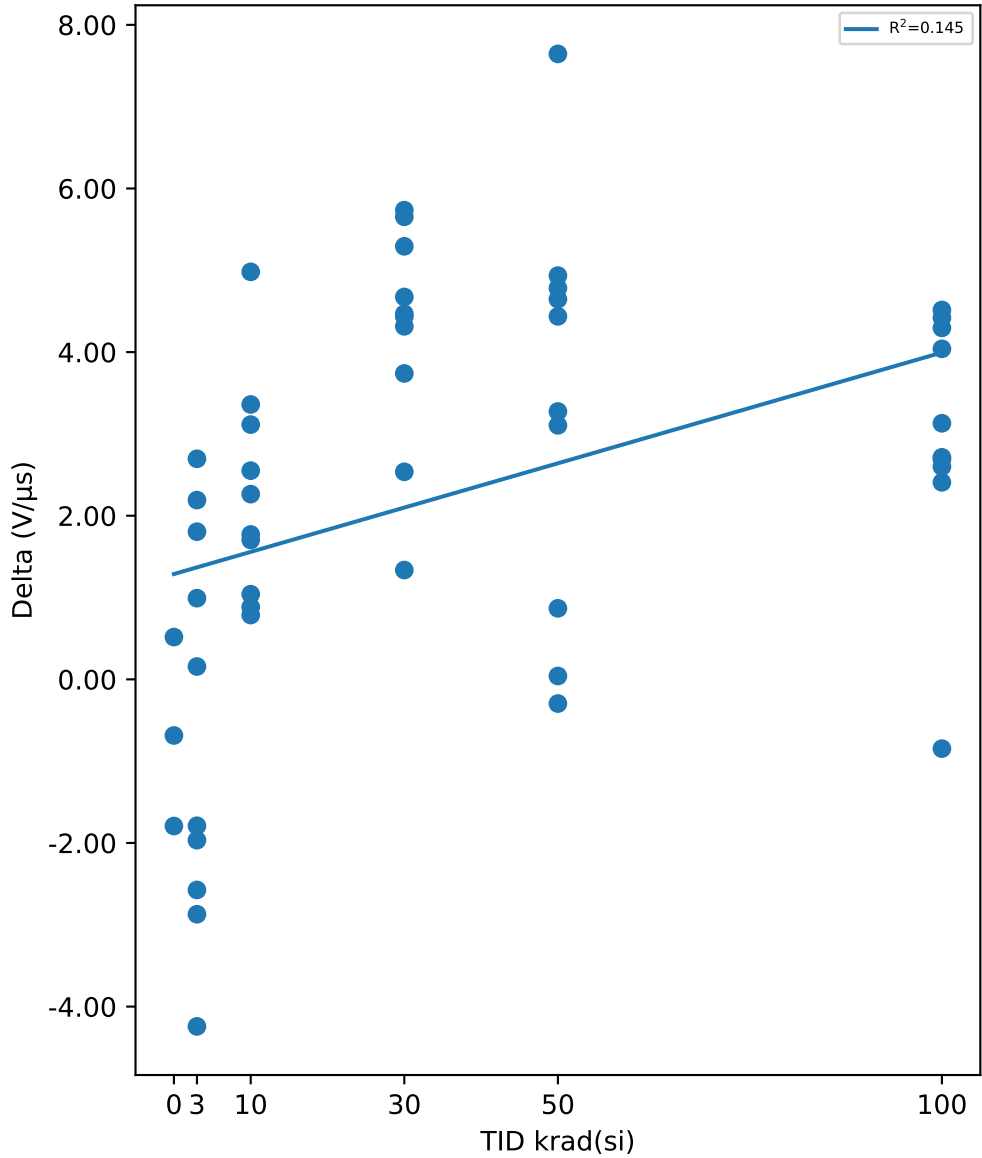
TID vs Result Stats



Test Results (Lower Limit = 44.0 (V/μs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	130.62	131.13	0.517
301	0	Correlation	134.06	132.27	-1.793
302	0	Correlation	134.57	133.88	-0.686
303	3	Bias	133.91	131.04	-2.871
304	3	Bias	132.32	130.36	-1.966
305	3	Bias	136.68	134.1	-2.574
306	3	Bias	132.59	132.75	0.157
307	3	Bias	131.86	130.07	-1.79
308	3	Unbiased	134.42	130.18	-4.242
309	3	Unbiased	129.07	130.06	0.992
310	3	Unbiased	126.69	129.39	2.696
311	3	Unbiased	133.24	135.05	1.805
312	3	Unbiased	131.85	134.04	2.191
313	10	Bias	130.14	132.41	2.264
314	10	Bias	132.42	133.21	0.786
315	10	Bias	130.34	132.11	1.771
316	10	Bias	130.84	132.55	1.704
317	10	Bias	129.18	130.22	1.041
318	10	Unbiased	128.7	133.68	4.981
319	10	Unbiased	129.84	130.73	0.884
320	10	Unbiased	129.69	132.24	2.551
321	10	Unbiased	128.96	132.07	3.114
322	10	Unbiased	127.7	131.06	3.36
323	30	Bias	128.1	130.63	2.537
324	30	Bias	130.8	135.12	4.315
325	30	Bias	131.44	135.91	4.468
326	30	Bias	131.28	135.02	3.739
327	30	Bias	127.5	133.24	5.735
328	30	Unbiased	131.76	137.05	5.293
329	30	Unbiased	127.2	132.85	5.654
330	30	Unbiased	135.07	136.41	1.336
331	30	Unbiased	128.76	133.44	4.674
332	30	Unbiased	131.25	135.68	4.433
333	50	Bias	133.55	138.2	4.647
334	50	Bias	132.76	136.03	3.274
335	50	Bias	125.4	133.04	7.645
336	50	Bias	129.83	134.77	4.935
337	50	Bias	130.29	135.08	4.783
338	50	Unbiased	128.29	132.73	4.437
339	50	Unbiased	137.41	137.11	-0.296
340	50	Unbiased	132.18	135.29	3.105
341	50	Unbiased	131.68	131.72	0.041
342	50	Unbiased	135.72	136.59	0.868
343	100	Bias	135.58	138.71	3.13
344	100	Bias	135.72	134.87	-0.847
345	100	Bias	134.13	136.73	2.6
346	100	Bias	134.97	137.68	2.714
347	100	Bias	136.94	139.63	2.691
348	100	Unbiased	137.01	139.42	2.408
349	100	Unbiased	131.69	136.21	4.515
350	100	Unbiased	135.05	139.09	4.04
351	100	Unbiased	133.03	137.45	4.42
352	100	Unbiased	137.74	142.04	4.296

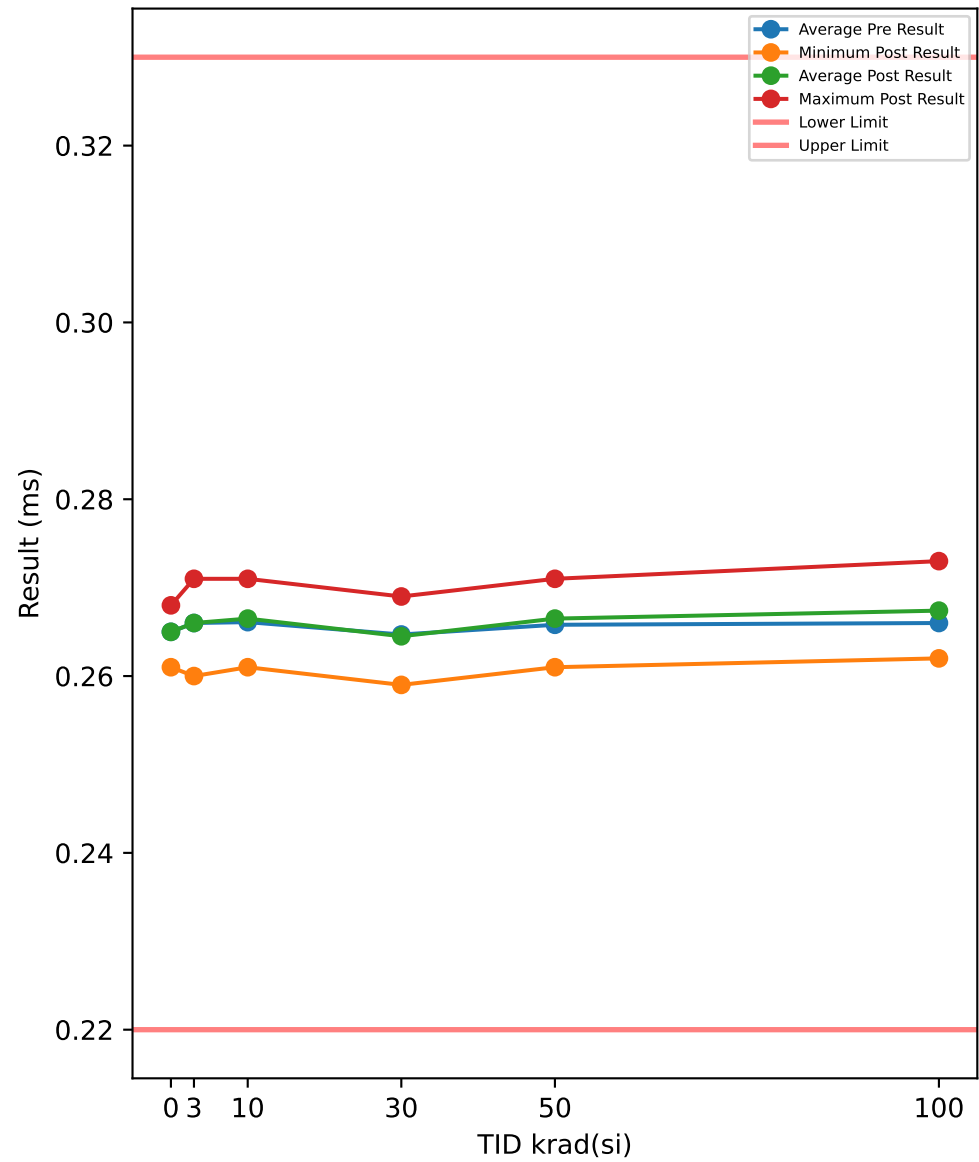
TID vs Post - Pre Exposure Delta



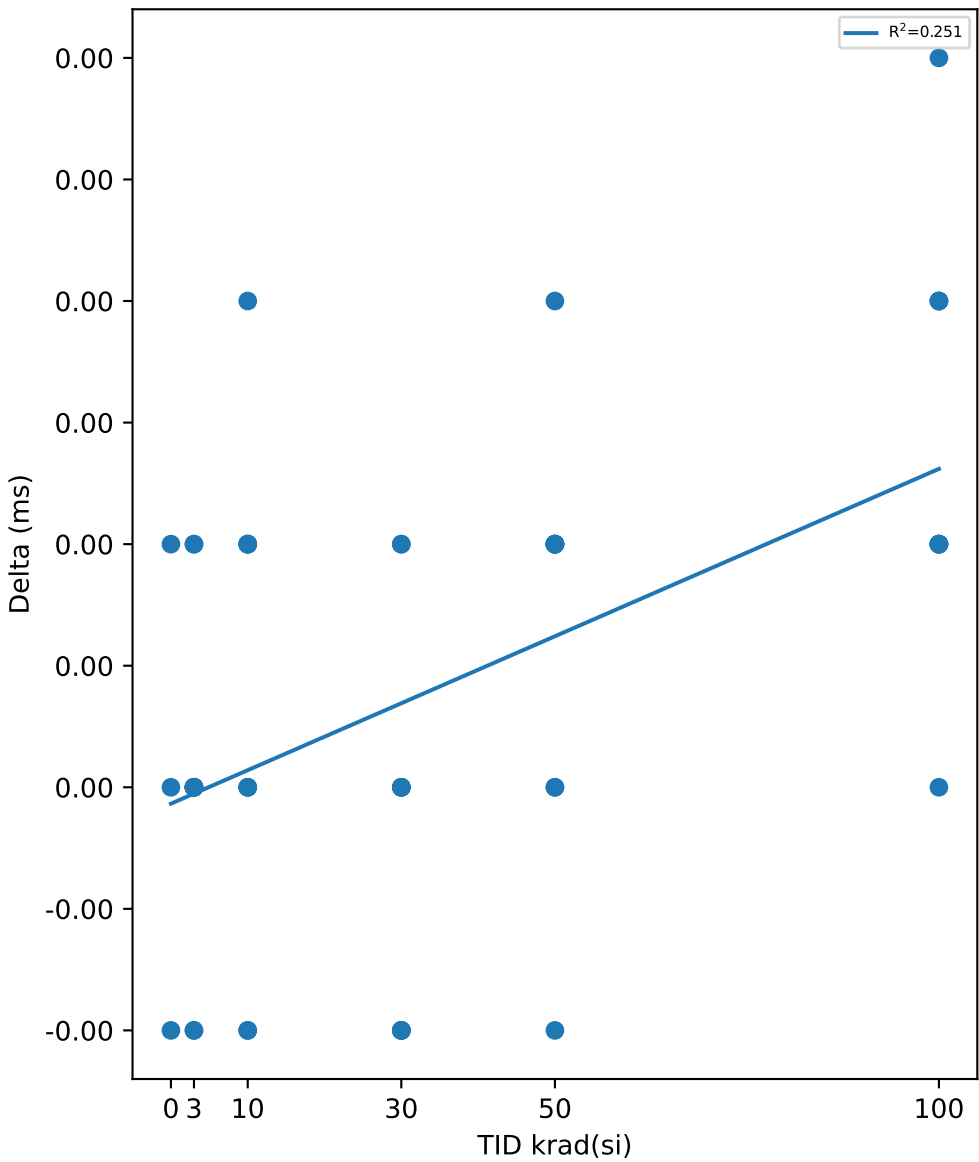
Test Statistics (V/μs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	130.62	133.08	134.57	2.1506	131.13	132.43	133.88	1.3814	-1.793	-0.654	0.517	1.1553
3	126.69	132.26	136.68	2.7794	129.39	131.7	135.05	2.0764	-4.242	-0.5602	2.696	2.4297
10	127.7	129.78	132.42	1.2955	130.22	132.03	133.68	1.0795	0.786	2.2456	4.981	1.3134
30	127.2	130.32	135.07	2.4263	130.63	134.54	137.05	1.9595	1.336	4.2184	5.735	1.3827
50	125.4	131.71	137.41	3.5016	131.72	135.06	138.2	2.0588	-0.296	3.3439	7.645	2.5021
100	131.69	135.19	137.74	1.8667	134.87	138.18	142.04	2.036	-0.847	2.9967	4.515	1.5838

TID vs Result Stats



TID vs Post - Pre Exposure Delta



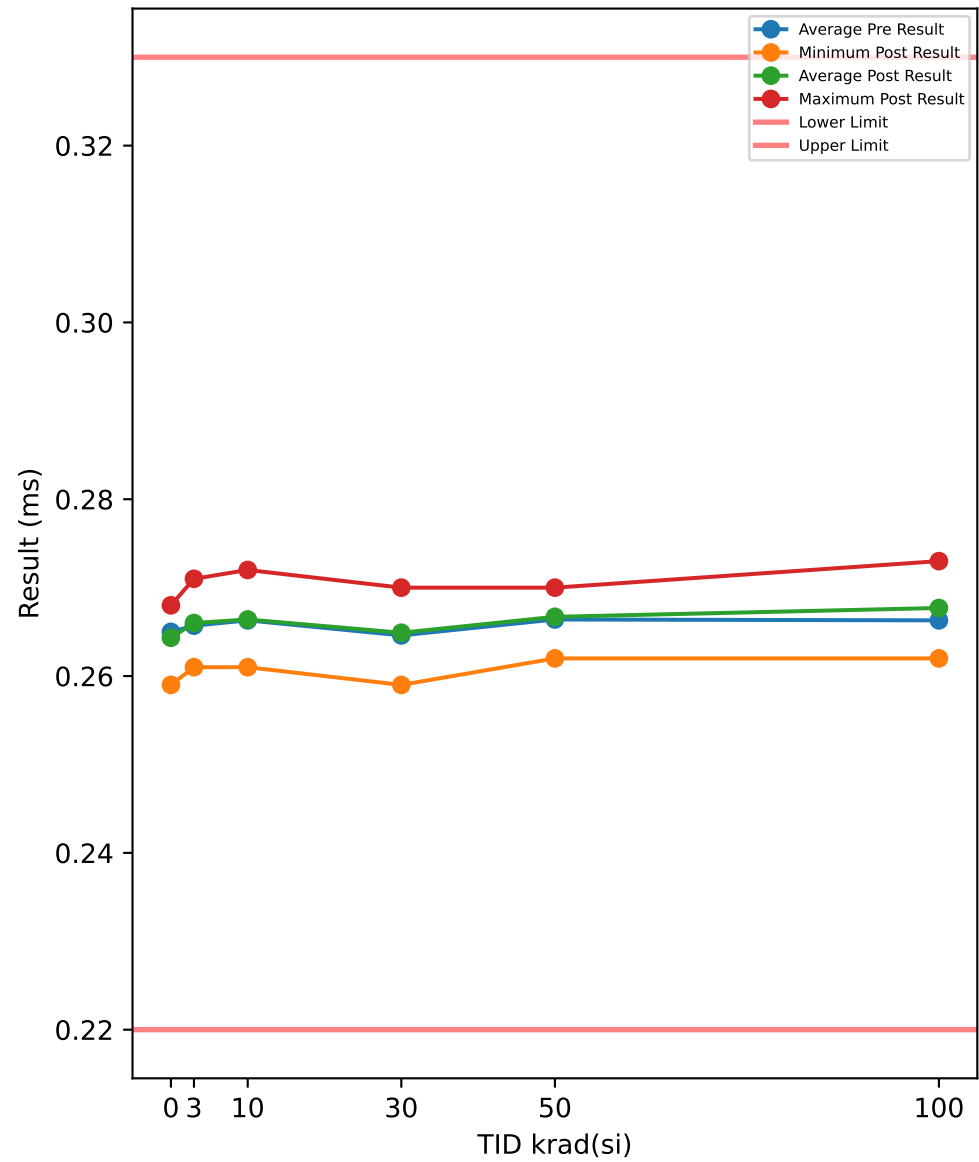
Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.268	0.268	0
301	0	Correlation	0.267	0.266	-0.001
302	0	Correlation	0.26	0.261	0.001
303	3	Bias	0.261	0.261	0
304	3	Bias	0.26	0.26	0
305	3	Bias	0.27	0.27	0
306	3	Bias	0.268	0.268	0
307	3	Bias	0.27	0.269	-0.001
308	3	Unbiased	0.267	0.268	0.001
309	3	Unbiased	0.271	0.271	0
310	3	Unbiased	0.27	0.269	-0.001
311	3	Unbiased	0.261	0.262	0.001
312	3	Unbiased	0.262	0.262	0
313	10	Bias	0.261	0.261	0
314	10	Bias	0.26	0.261	0.001
315	10	Bias	0.26	0.261	0.001
316	10	Bias	0.267	0.268	0.001
317	10	Bias	0.27	0.27	0
318	10	Unbiased	0.271	0.271	0
319	10	Unbiased	0.262	0.261	-0.001
320	10	Unbiased	0.27	0.271	0.001
321	10	Unbiased	0.268	0.27	0.002
322	10	Unbiased	0.272	0.271	-0.001
323	30	Bias	0.262	0.262	0
324	30	Bias	0.262	0.261	-0.001
325	30	Bias	0.269	0.269	0
326	30	Bias	0.266	0.267	0.001
327	30	Bias	0.26	0.259	-0.001
328	30	Unbiased	0.268	0.268	0
329	30	Unbiased	0.263	0.262	-0.001
330	30	Unbiased	0.259	0.26	0.001
331	30	Unbiased	0.27	0.269	-0.001
332	30	Unbiased	0.268	0.268	0
333	50	Bias	0.266	0.267	0.001
334	50	Bias	0.269	0.269	0
335	50	Bias	0.261	0.261	0
336	50	Bias	0.268	0.269	0.001
337	50	Bias	0.261	0.262	0.001
338	50	Unbiased	0.266	0.267	0.001
339	50	Unbiased	0.266	0.265	-0.001
340	50	Unbiased	0.269	0.27	0.001
341	50	Unbiased	0.269	0.271	0.002
342	50	Unbiased	0.263	0.264	0.001
343	100	Bias	0.269	0.27	0.001
344	100	Bias	0.268	0.27	0.002
345	100	Bias	0.262	0.265	0.003
346	100	Bias	0.261	0.262	0.001
347	100	Bias	0.261	0.262	0.001
348	100	Unbiased	0.271	0.273	0.002
349	100	Unbiased	0.261	0.262	0.001
350	100	Unbiased	0.27	0.271	0.001
351	100	Unbiased	0.269	0.271	0.002
352	100	Unbiased	0.268	0.268	0

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.265	0.268	0.0043589	0.261	0.265	0.268	0.0036056	-0.001	0	0.001	0.001
3	0.26	0.266	0.271	0.0044721	0.26	0.266	0.271	0.0042164	-0.001	0	0.001	0.0006667
10	0.26	0.2661	0.272	0.0048408	0.261	0.2665	0.271	0.0048132	-0.001	0.0004	0.002	0.00096609
30	0.259	0.2647	0.27	0.0039735	0.259	0.2645	0.269	0.0040346	-0.001	-0.0002	0.001	0.00078881
50	0.261	0.2658	0.269	0.0031552	0.261	0.2665	0.271	0.0034075	-0.001	0.0007	0.002	0.00082327
100	0.261	0.266	0.271	0.0041899	0.262	0.2674	0.273	0.004274	0	0.0014	0.003	0.00084327

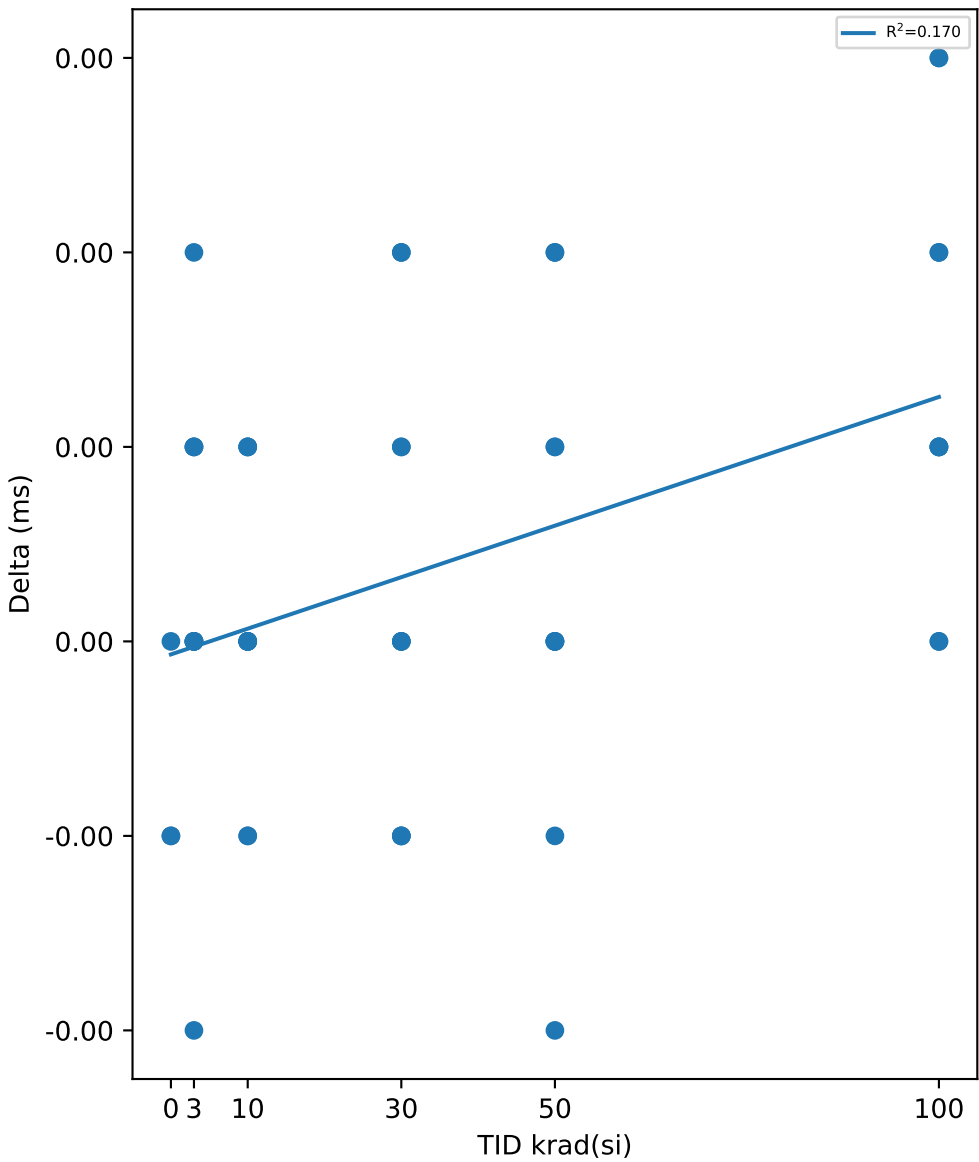
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.268	0.268	0
301	0	Correlation	0.267	0.266	-0.001
302	0	Correlation	0.26	0.259	-0.001
303	3	Bias	0.261	0.262	0.001
304	3	Bias	0.259	0.261	0.002
305	3	Bias	0.269	0.269	0
306	3	Bias	0.269	0.267	-0.002
307	3	Bias	0.269	0.269	0
308	3	Unbiased	0.267	0.267	0
309	3	Unbiased	0.27	0.271	0.001
310	3	Unbiased	0.27	0.27	0
311	3	Unbiased	0.261	0.262	0.001
312	3	Unbiased	0.262	0.262	0
313	10	Bias	0.261	0.261	0
314	10	Bias	0.26	0.261	0.001
315	10	Bias	0.26	0.261	0.001
316	10	Bias	0.268	0.269	0.001
317	10	Bias	0.271	0.27	-0.001
318	10	Unbiased	0.272	0.272	0
319	10	Unbiased	0.261	0.261	0
320	10	Unbiased	0.27	0.27	0
321	10	Unbiased	0.269	0.269	0
322	10	Unbiased	0.271	0.27	-0.001
323	30	Bias	0.262	0.261	-0.001
324	30	Bias	0.262	0.261	-0.001
325	30	Bias	0.269	0.268	-0.001
326	30	Bias	0.266	0.268	0.002
327	30	Bias	0.26	0.26	0
328	30	Unbiased	0.268	0.269	0.001
329	30	Unbiased	0.262	0.264	0.002
330	30	Unbiased	0.259	0.259	0
331	30	Unbiased	0.269	0.27	0.001
332	30	Unbiased	0.269	0.269	0
333	50	Bias	0.268	0.267	-0.001
334	50	Bias	0.27	0.268	-0.002
335	50	Bias	0.261	0.262	0.001
336	50	Bias	0.268	0.269	0.001
337	50	Bias	0.262	0.262	0
338	50	Unbiased	0.267	0.267	0
339	50	Unbiased	0.267	0.267	0
340	50	Unbiased	0.27	0.27	0
341	50	Unbiased	0.268	0.27	0.002
342	50	Unbiased	0.263	0.265	0.002
343	100	Bias	0.268	0.271	0.003
344	100	Bias	0.267	0.27	0.003
345	100	Bias	0.263	0.265	0.002
346	100	Bias	0.262	0.263	0.001
347	100	Bias	0.262	0.263	0.001
348	100	Unbiased	0.272	0.273	0.001
349	100	Unbiased	0.262	0.262	0
350	100	Unbiased	0.271	0.271	0
351	100	Unbiased	0.269	0.27	0.001
352	100	Unbiased	0.267	0.269	0.002

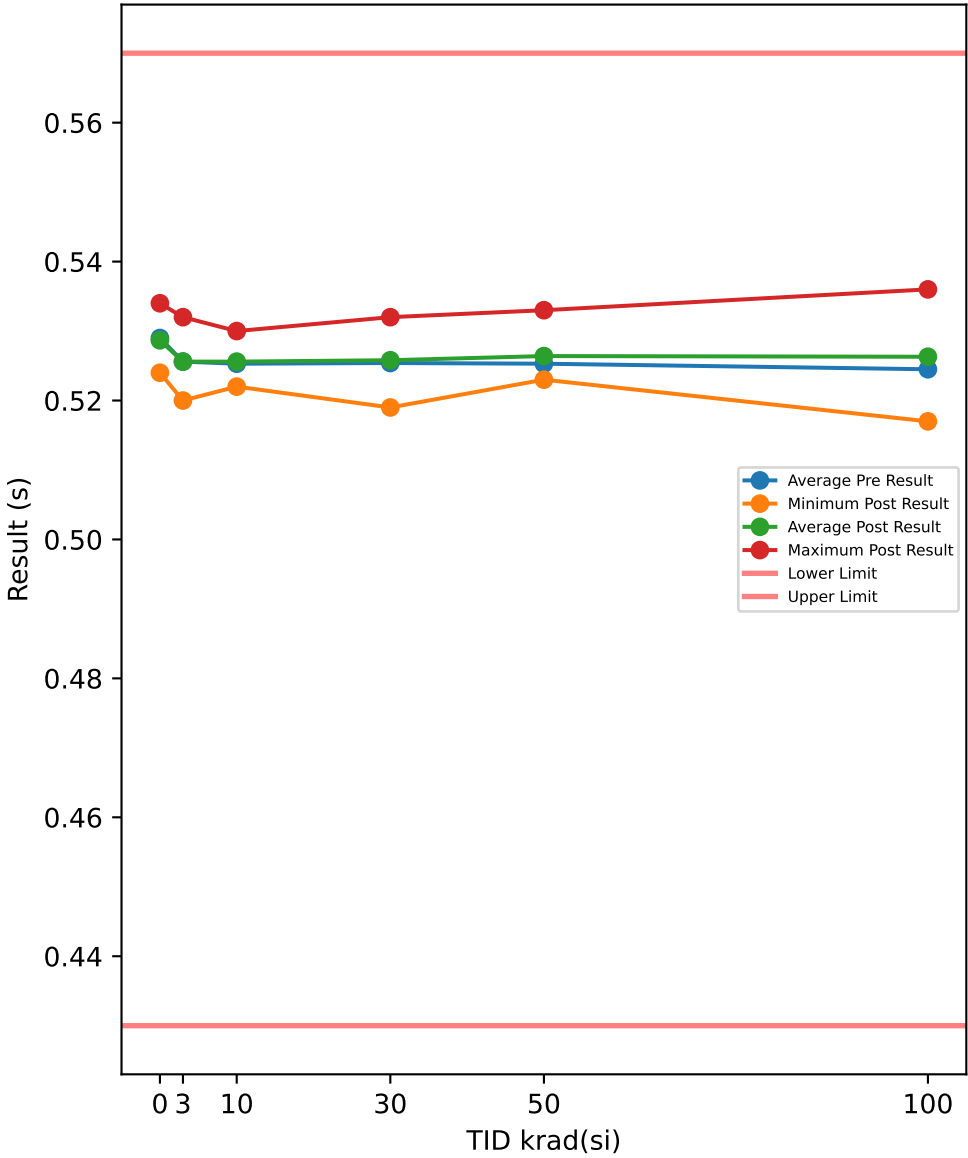
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.265	0.268	0.0043589	0.259	0.26433	0.268	0.0047258	-0.001	-0.00066667	0	0.00057735
3	0.259	0.2657	0.27	0.0043982	0.261	0.266	0.271	0.0038586	-0.002	0.0003	0.002	0.0010593
10	0.26	0.2663	0.272	0.0051218	0.261	0.2664	0.272	0.0047188	-0.001	0.0001	0.001	0.00073786
30	0.259	0.2646	0.269	0.0040056	0.259	0.2649	0.27	0.0043321	-0.001	0.0003	0.002	0.0011595
50	0.261	0.2664	0.27	0.0032387	0.262	0.2667	0.27	0.0029078	-0.002	0.0003	0.002	0.0012517
100	0.262	0.2663	0.272	0.0038312	0.262	0.2677	0.273	0.0040291	0	0.0014	0.003	0.001075

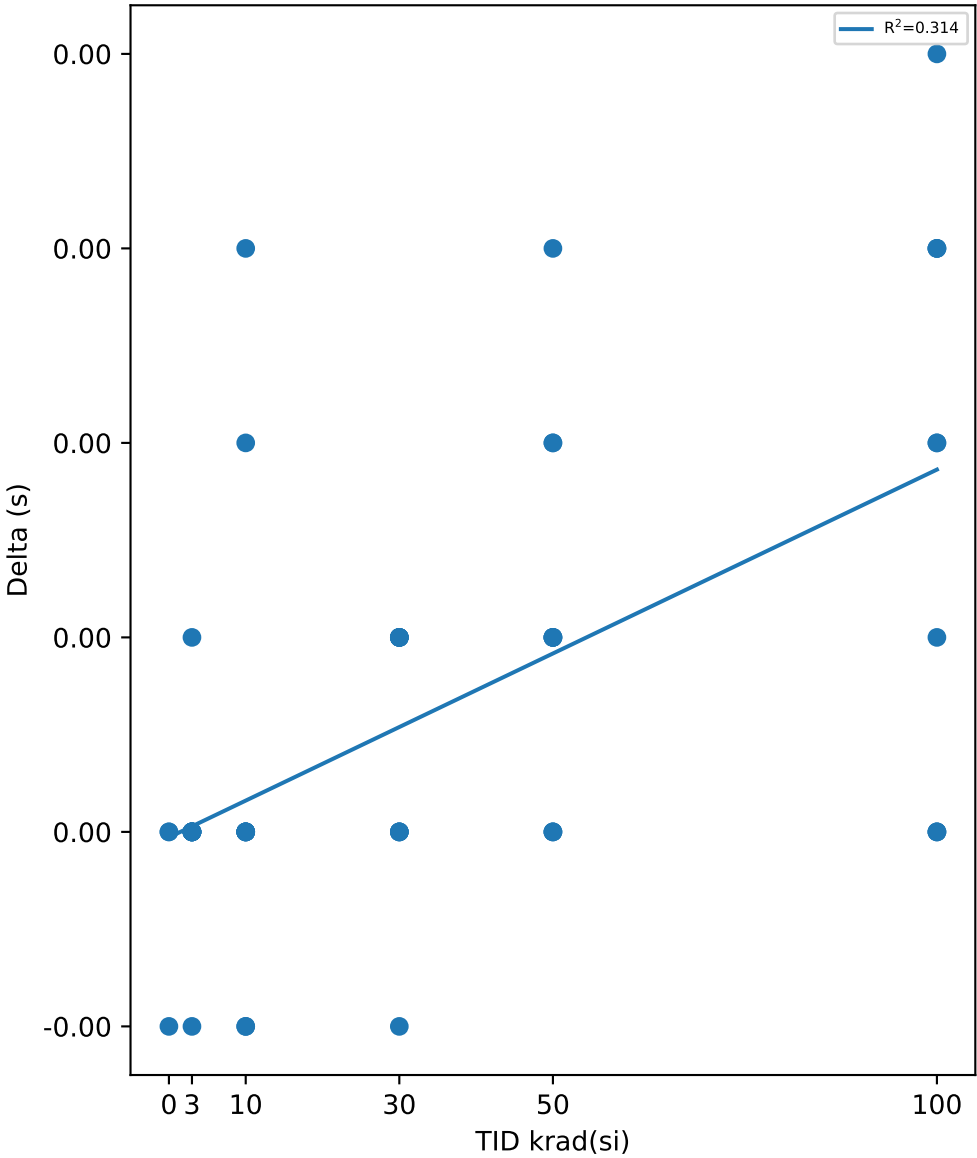
TID vs Result Stats



Test Results (Lower Limit = 0.43, Upper Limit = 0.57 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.534	0.534	0
301	0	Correlation	0.525	0.524	-0.001
302	0	Correlation	0.528	0.528	0
303	3	Bias	0.531	0.532	0.001
304	3	Bias	0.524	0.524	0
305	3	Bias	0.521	0.52	-0.001
306	3	Bias	0.526	0.526	0
307	3	Bias	0.524	0.524	0
308	3	Unbiased	0.529	0.529	0
309	3	Unbiased	0.524	0.524	0
310	3	Unbiased	0.525	0.525	0
311	3	Unbiased	0.526	0.526	0
312	3	Unbiased	0.526	0.526	0
313	10	Bias	0.52	0.522	0.002
314	10	Bias	0.527	0.526	-0.001
315	10	Bias	0.528	0.528	0
316	10	Bias	0.524	0.524	0
317	10	Bias	0.523	0.523	0
318	10	Unbiased	0.527	0.527	0
319	10	Unbiased	0.526	0.526	0
320	10	Unbiased	0.523	0.526	0.003
321	10	Unbiased	0.524	0.524	0
322	10	Unbiased	0.531	0.53	-0.001
323	30	Bias	0.521	0.52	-0.001
324	30	Bias	0.518	0.519	0.001
325	30	Bias	0.532	0.532	0
326	30	Bias	0.524	0.525	0.001
327	30	Bias	0.522	0.522	0
328	30	Unbiased	0.529	0.53	0.001
329	30	Unbiased	0.525	0.525	0
330	30	Unbiased	0.528	0.529	0.001
331	30	Unbiased	0.527	0.528	0.001
332	30	Unbiased	0.528	0.528	0
333	50	Bias	0.525	0.525	0
334	50	Bias	0.524	0.524	0
335	50	Bias	0.532	0.533	0.001
336	50	Bias	0.522	0.523	0.001
337	50	Bias	0.524	0.525	0.001
338	50	Unbiased	0.524	0.525	0.001
339	50	Unbiased	0.523	0.525	0.002
340	50	Unbiased	0.526	0.528	0.002
341	50	Unbiased	0.522	0.525	0.003
342	50	Unbiased	0.531	0.531	0
343	100	Bias	0.526	0.526	0
344	100	Bias	0.517	0.517	0
345	100	Bias	0.522	0.524	0.002
346	100	Bias	0.523	0.527	0.004
347	100	Bias	0.533	0.536	0.003
348	100	Unbiased	0.519	0.521	0.002
349	100	Unbiased	0.523	0.523	0
350	100	Unbiased	0.529	0.532	0.003
351	100	Unbiased	0.524	0.527	0.003
352	100	Unbiased	0.529	0.53	0.001

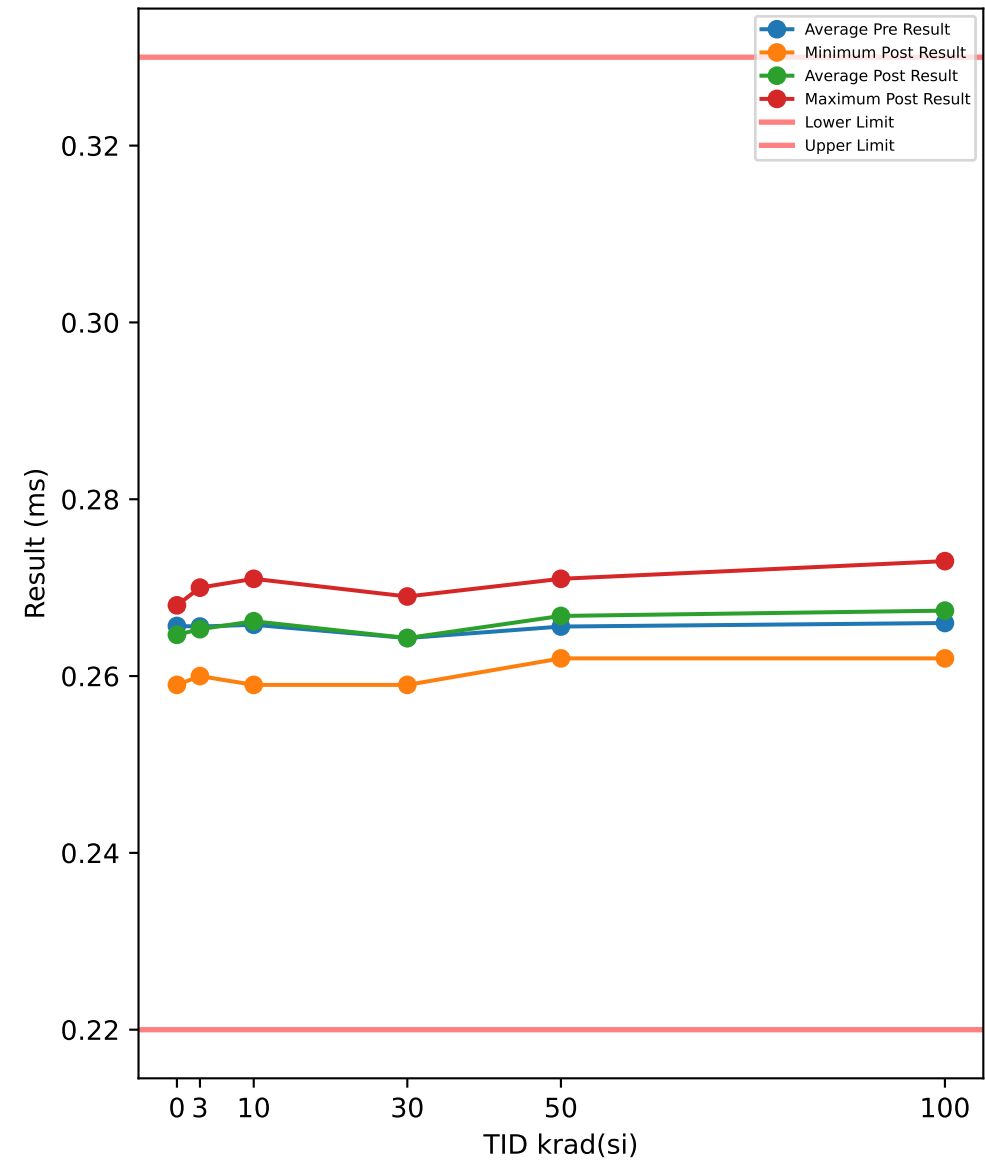
TID vs Post - Pre Exposure Delta



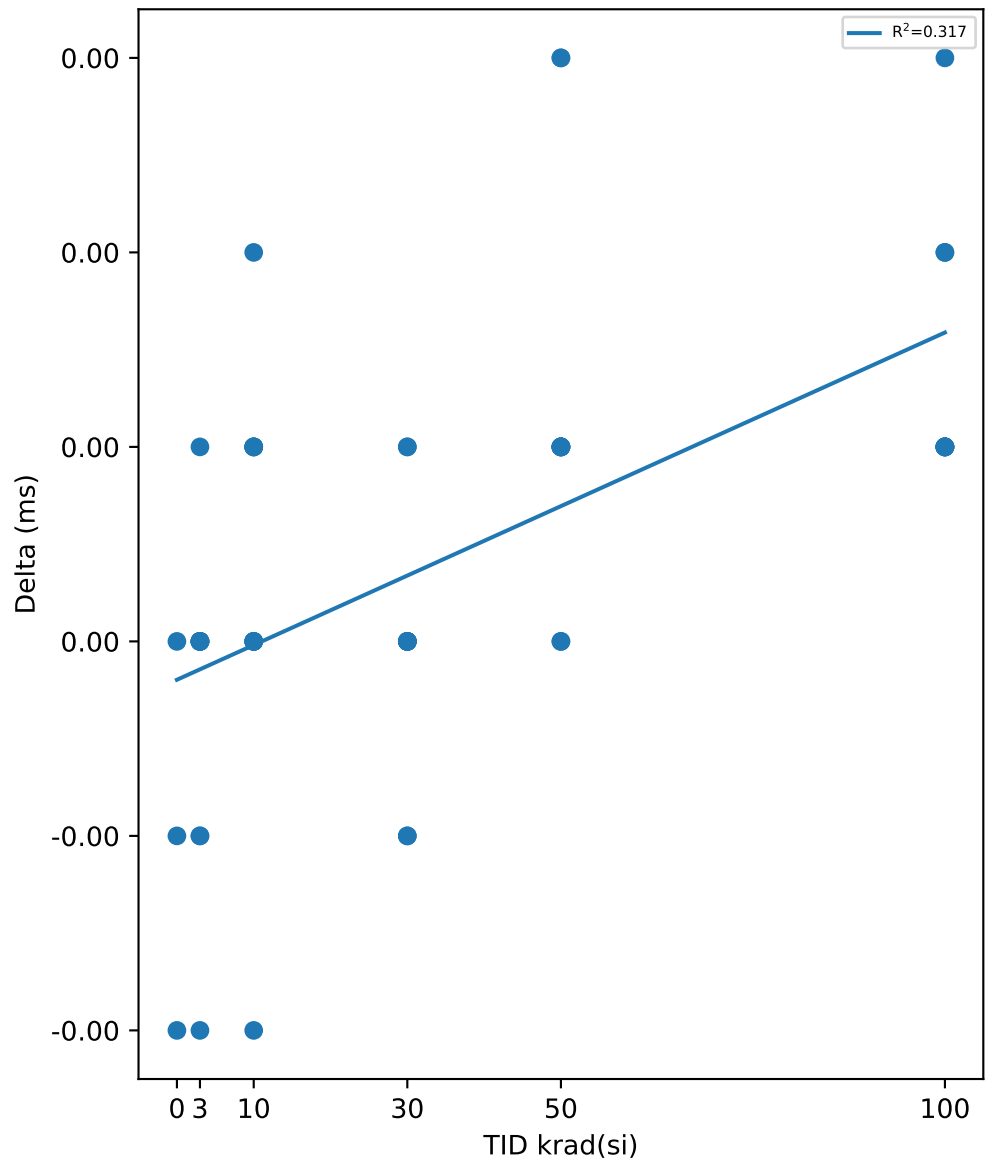
Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.525	0.529	0.534	0.0045826	0.524	0.52867	0.534	0.0050332	-0.001	-0.00033333	0	0.00057735
3	0.521	0.5256	0.531	0.0027968	0.52	0.5256	0.532	0.0032042	-0.001	0	0.001	0.0004714
10	0.52	0.5253	0.531	0.0031287	0.522	0.5256	0.53	0.0024129	-0.001	0.0003	0.003	0.0012517
30	0.518	0.5254	0.532	0.0042216	0.519	0.5258	0.532	0.0043665	-0.001	0.0004	0.001	0.00069921
50	0.522	0.5253	0.532	0.0034976	0.523	0.5264	0.533	0.0032387	0	0.0011	0.003	0.00099443
100	0.517	0.5245	0.533	0.0048591	0.517	0.5263	0.536	0.0054985	0	0.0018	0.004	0.0014757

TID vs Result Stats



TID vs Post - Pre Exposure Delta



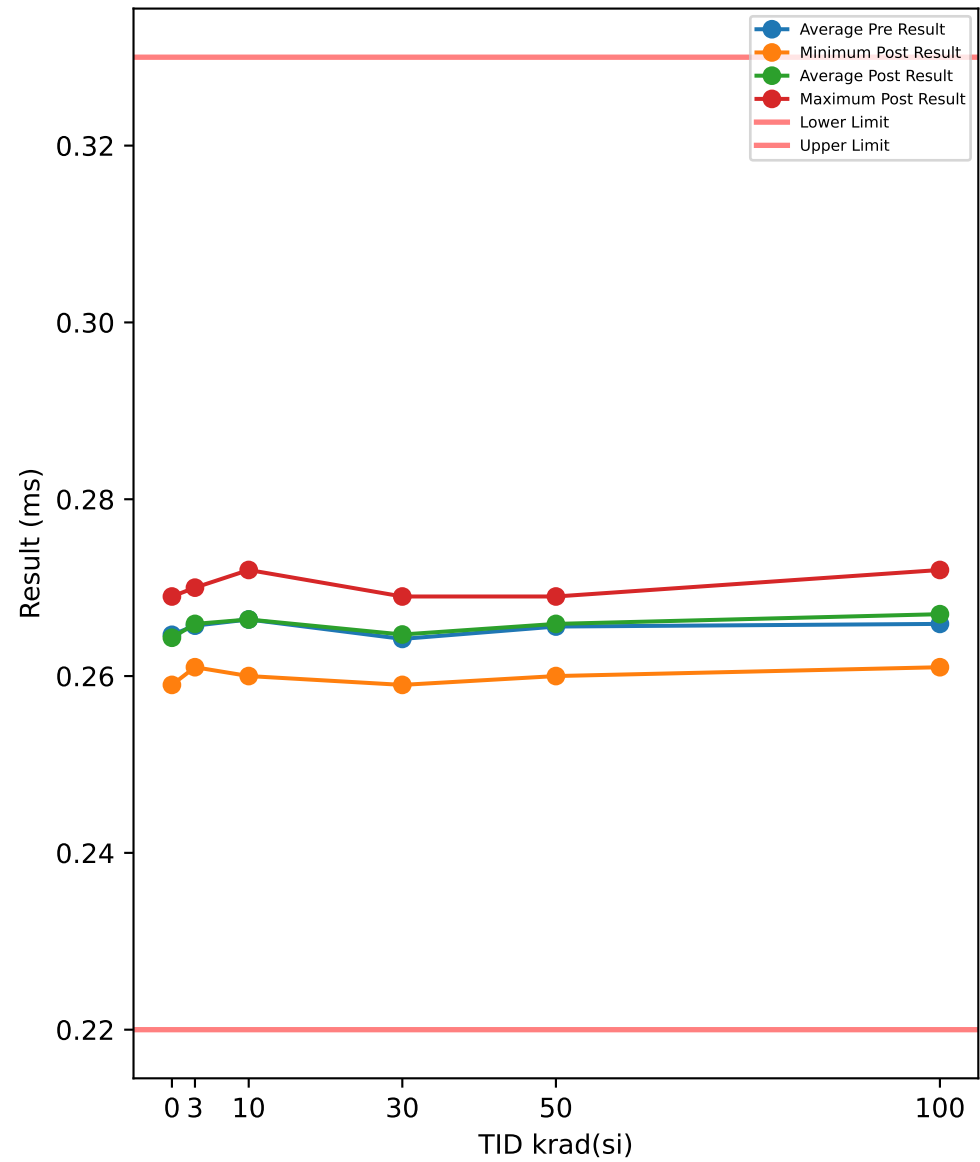
Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.269	0.268	-0.001
301	0	Correlation	0.267	0.267	0
302	0	Correlation	0.261	0.259	-0.002
303	3	Bias	0.261	0.262	0.001
304	3	Bias	0.26	0.26	0
305	3	Bias	0.27	0.268	-0.002
306	3	Bias	0.267	0.267	0
307	3	Bias	0.268	0.268	0
308	3	Unbiased	0.268	0.267	-0.001
309	3	Unbiased	0.27	0.27	0
310	3	Unbiased	0.27	0.27	0
311	3	Unbiased	0.26	0.26	0
312	3	Unbiased	0.262	0.261	-0.001
313	10	Bias	0.261	0.261	0
314	10	Bias	0.259	0.259	0
315	10	Bias	0.26	0.261	0.001
316	10	Bias	0.267	0.268	0.001
317	10	Bias	0.269	0.27	0.001
318	10	Unbiased	0.271	0.271	0
319	10	Unbiased	0.262	0.26	-0.002
320	10	Unbiased	0.27	0.271	0.001
321	10	Unbiased	0.269	0.271	0.002
322	10	Unbiased	0.27	0.27	0
323	30	Bias	0.261	0.261	0
324	30	Bias	0.262	0.262	0
325	30	Bias	0.268	0.269	0.001
326	30	Bias	0.266	0.266	0
327	30	Bias	0.258	0.259	0.001
328	30	Unbiased	0.269	0.268	-0.001
329	30	Unbiased	0.263	0.262	-0.001
330	30	Unbiased	0.259	0.259	0
331	30	Unbiased	0.268	0.268	0
332	30	Unbiased	0.269	0.269	0
333	50	Bias	0.266	0.269	0.003
334	50	Bias	0.268	0.269	0.001
335	50	Bias	0.261	0.262	0.001
336	50	Bias	0.269	0.27	0.001
337	50	Bias	0.262	0.262	0
338	50	Unbiased	0.266	0.267	0.001
339	50	Unbiased	0.265	0.265	0
340	50	Unbiased	0.268	0.269	0.001
341	50	Unbiased	0.268	0.271	0.003
342	50	Unbiased	0.263	0.264	0.001
343	100	Bias	0.268	0.27	0.002
344	100	Bias	0.267	0.268	0.001
345	100	Bias	0.262	0.263	0.001
346	100	Bias	0.262	0.263	0.001
347	100	Bias	0.262	0.263	0.001
348	100	Unbiased	0.27	0.273	0.003
349	100	Unbiased	0.261	0.262	0.001
350	100	Unbiased	0.27	0.272	0.002
351	100	Unbiased	0.27	0.271	0.001
352	100	Unbiased	0.268	0.269	0.001

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.26567	0.269	0.0041633	0.259	0.26467	0.268	0.0049329	-0.002	-0.001	0	0.001
3	0.26	0.2656	0.27	0.0043256	0.26	0.2653	0.27	0.0040838	-0.002	-0.0003	0.001	0.00082327
10	0.259	0.2658	0.271	0.0047329	0.259	0.2662	0.271	0.0052239	-0.002	0.0004	0.002	0.001075
30	0.258	0.2643	0.269	0.0042177	0.259	0.2643	0.269	0.004111	-0.001	0	0.001	0.00066667
50	0.261	0.2656	0.269	0.0027968	0.262	0.2668	0.271	0.0033267	0	0.0012	0.003	0.0010328
100	0.261	0.266	0.27	0.0038006	0.262	0.2674	0.273	0.0042479	0.001	0.0014	0.003	0.00069921

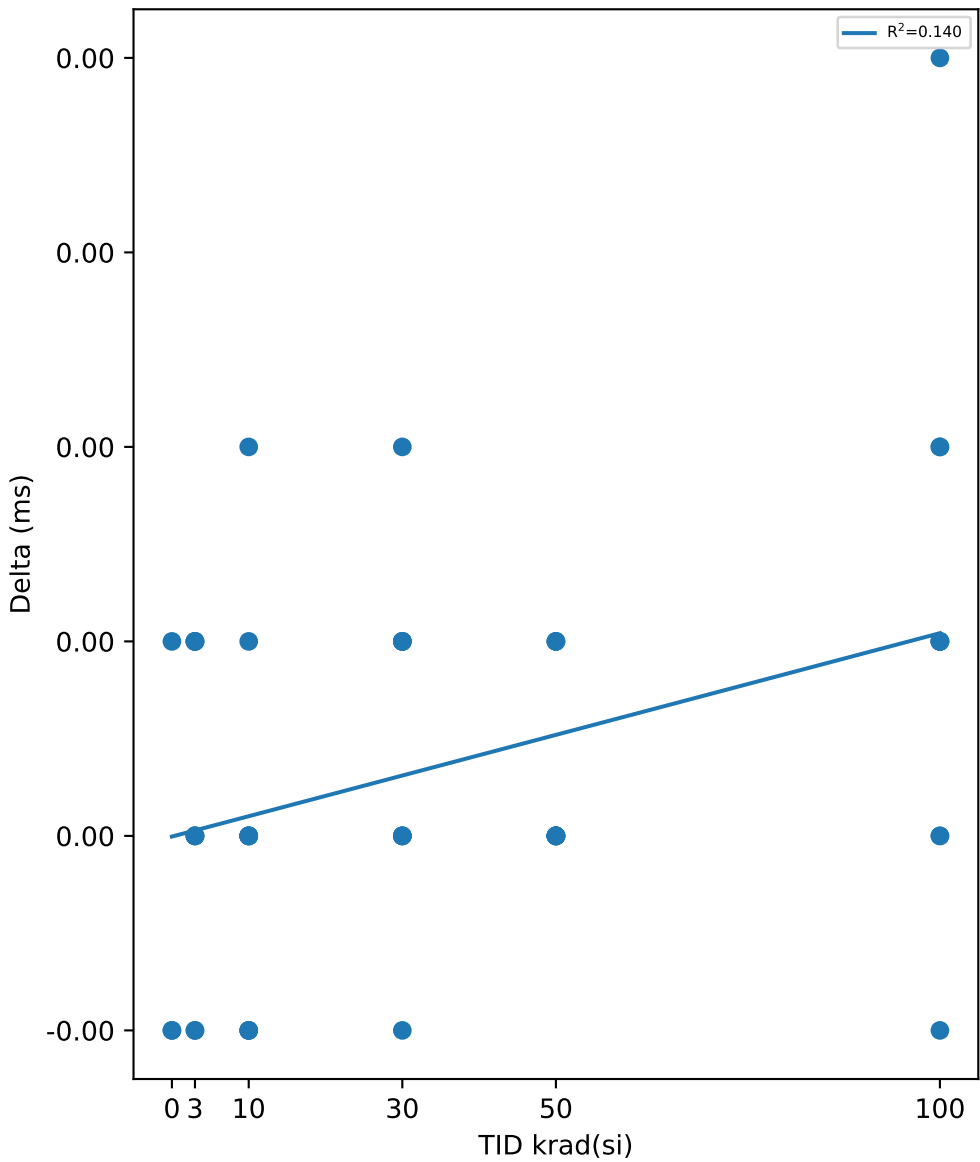
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.268	0.269	0.001
301	0	Correlation	0.266	0.265	-0.001
302	0	Correlation	0.26	0.259	-0.001
303	3	Bias	0.262	0.262	0
304	3	Bias	0.261	0.261	0
305	3	Bias	0.269	0.268	-0.001
306	3	Bias	0.268	0.269	0.001
307	3	Bias	0.268	0.269	0.001
308	3	Unbiased	0.267	0.268	0.001
309	3	Unbiased	0.27	0.27	0
310	3	Unbiased	0.269	0.27	0.001
311	3	Unbiased	0.261	0.261	0
312	3	Unbiased	0.262	0.261	-0.001
313	10	Bias	0.262	0.262	0
314	10	Bias	0.26	0.26	0
315	10	Bias	0.261	0.261	0
316	10	Bias	0.267	0.269	0.002
317	10	Bias	0.269	0.269	0
318	10	Unbiased	0.271	0.272	0.001
319	10	Unbiased	0.262	0.261	-0.001
320	10	Unbiased	0.271	0.27	-0.001
321	10	Unbiased	0.27	0.269	-0.001
322	10	Unbiased	0.271	0.271	0
323	30	Bias	0.261	0.261	0
324	30	Bias	0.261	0.262	0.001
325	30	Bias	0.268	0.268	0
326	30	Bias	0.266	0.268	0.002
327	30	Bias	0.259	0.26	0.001
328	30	Unbiased	0.268	0.268	0
329	30	Unbiased	0.262	0.263	0.001
330	30	Unbiased	0.26	0.259	-0.001
331	30	Unbiased	0.269	0.269	0
332	30	Unbiased	0.268	0.269	0.001
333	50	Bias	0.267	0.268	0.001
334	50	Bias	0.269	0.269	0
335	50	Bias	0.26	0.26	0
336	50	Bias	0.269	0.269	0
337	50	Bias	0.261	0.261	0
338	50	Unbiased	0.266	0.266	0
339	50	Unbiased	0.265	0.265	0
340	50	Unbiased	0.268	0.269	0.001
341	50	Unbiased	0.269	0.269	0
342	50	Unbiased	0.262	0.263	0.001
343	100	Bias	0.269	0.269	0
344	100	Bias	0.267	0.268	0.001
345	100	Bias	0.261	0.265	0.004
346	100	Bias	0.261	0.262	0.001
347	100	Bias	0.261	0.263	0.002
348	100	Unbiased	0.271	0.271	0
349	100	Unbiased	0.262	0.261	-0.001
350	100	Unbiased	0.271	0.272	0.001
351	100	Unbiased	0.269	0.27	0.001
352	100	Unbiased	0.267	0.269	0.002

TID vs Post - Pre Exposure Delta

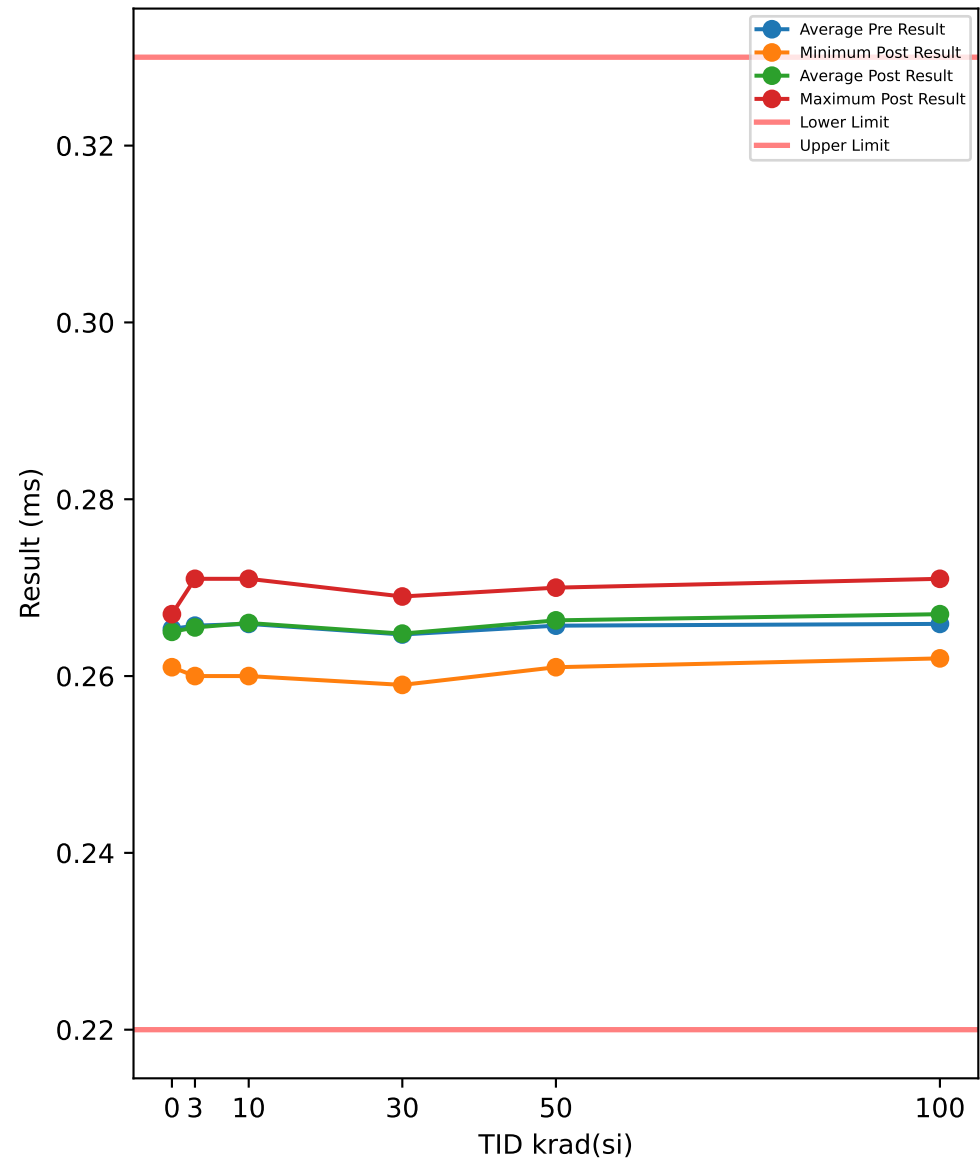


Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.26467	0.268	0.0041633	0.259	0.26433	0.269	0.0050332	-0.001	-0.00033333	0.001	0.0011547
3	0.261	0.2657	0.27	0.0037133	0.261	0.2659	0.27	0.0040675	-0.001	0.0002	0.001	0.00078881
10	0.26	0.2664	0.271	0.0046236	0.26	0.2664	0.272	0.0047656	-0.001	0	0.002	0.00094281
30	0.259	0.2642	0.269	0.0039384	0.259	0.2647	0.269	0.0040565	-0.001	0.0005	0.002	0.00084984
50	0.26	0.2656	0.269	0.0034705	0.26	0.2659	0.269	0.0035103	0	0.0003	0.001	0.00048305
100	0.261	0.2659	0.271	0.0042282	0.261	0.267	0.272	0.0039441	-0.001	0.0011	0.004	0.0013703

Device Test: 5.25 ; DLY_TMR_10KOHM

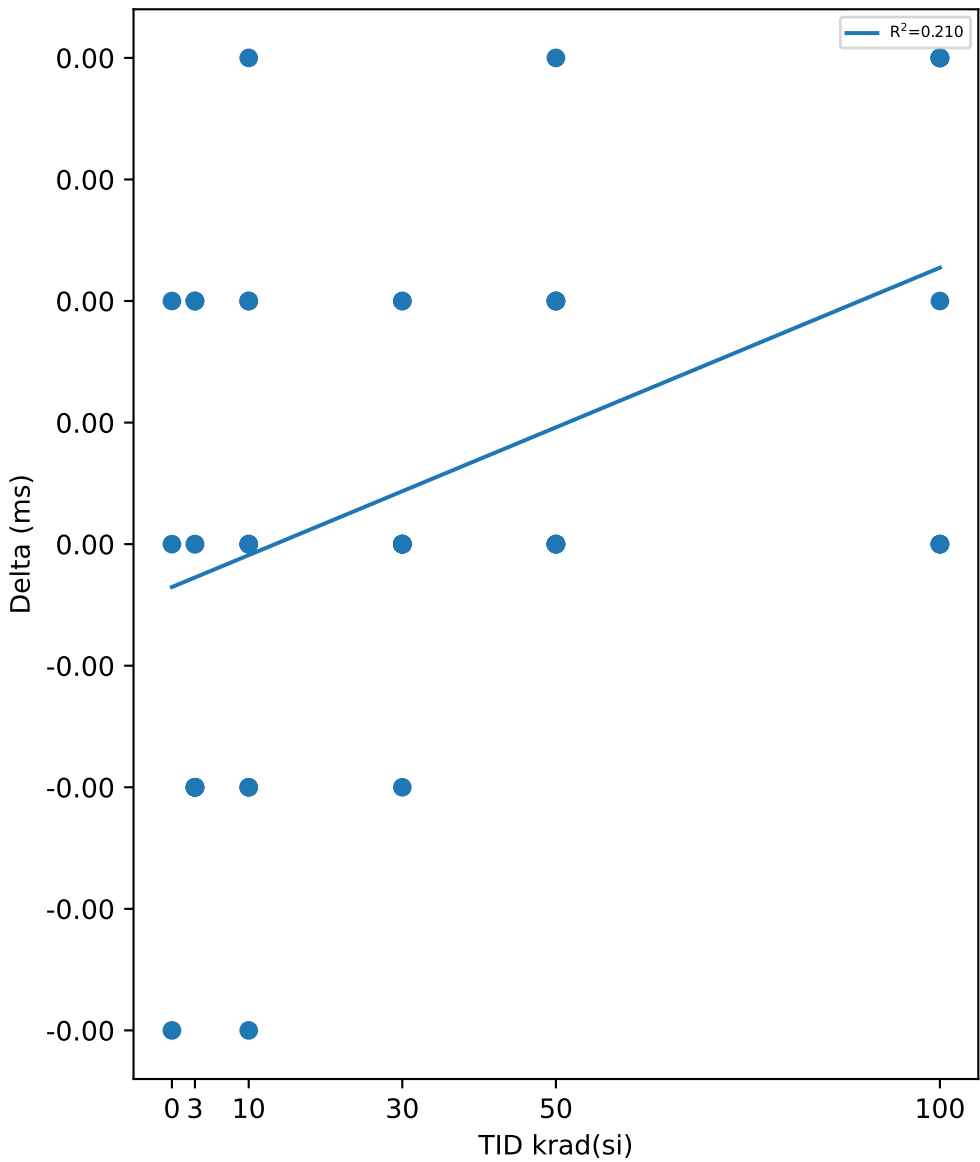
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

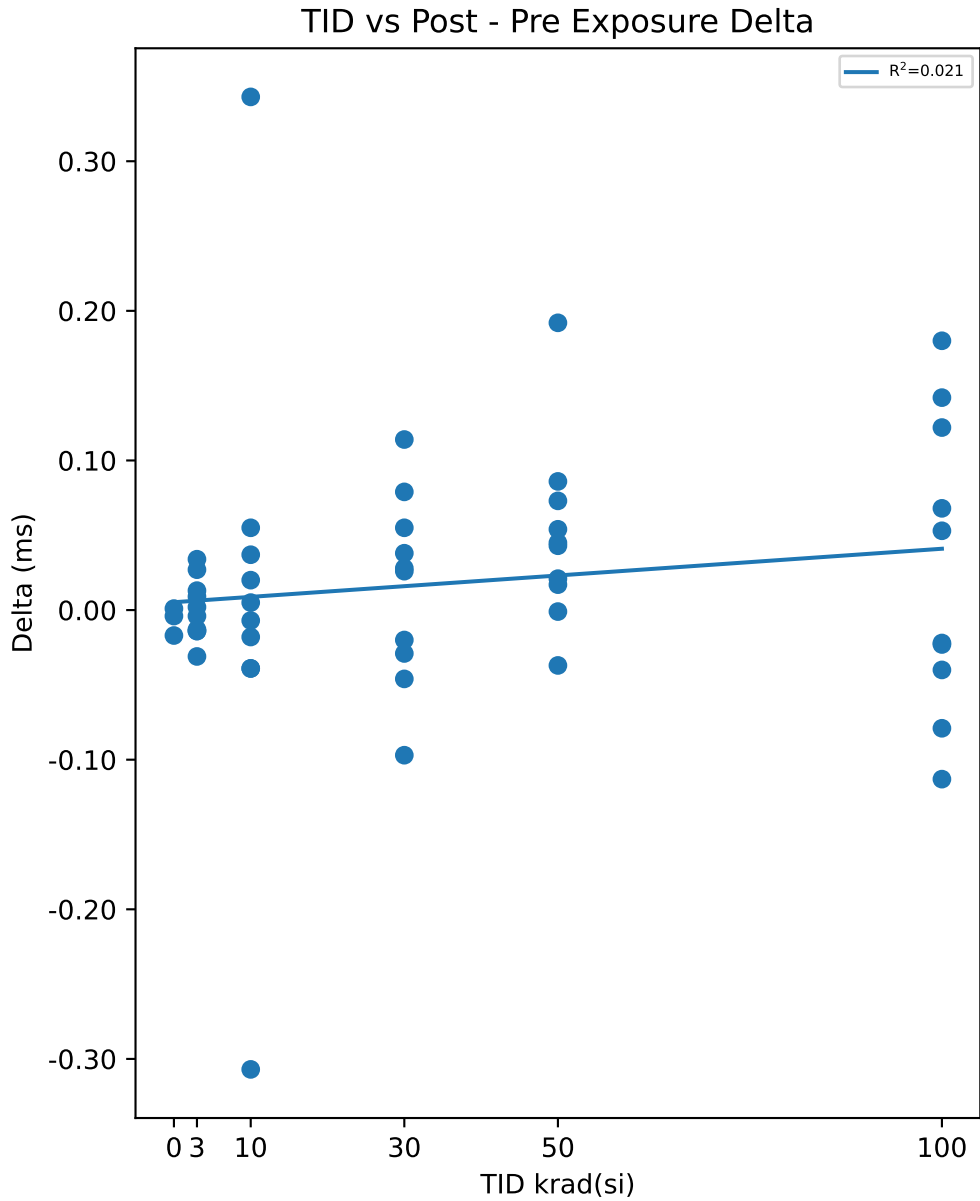
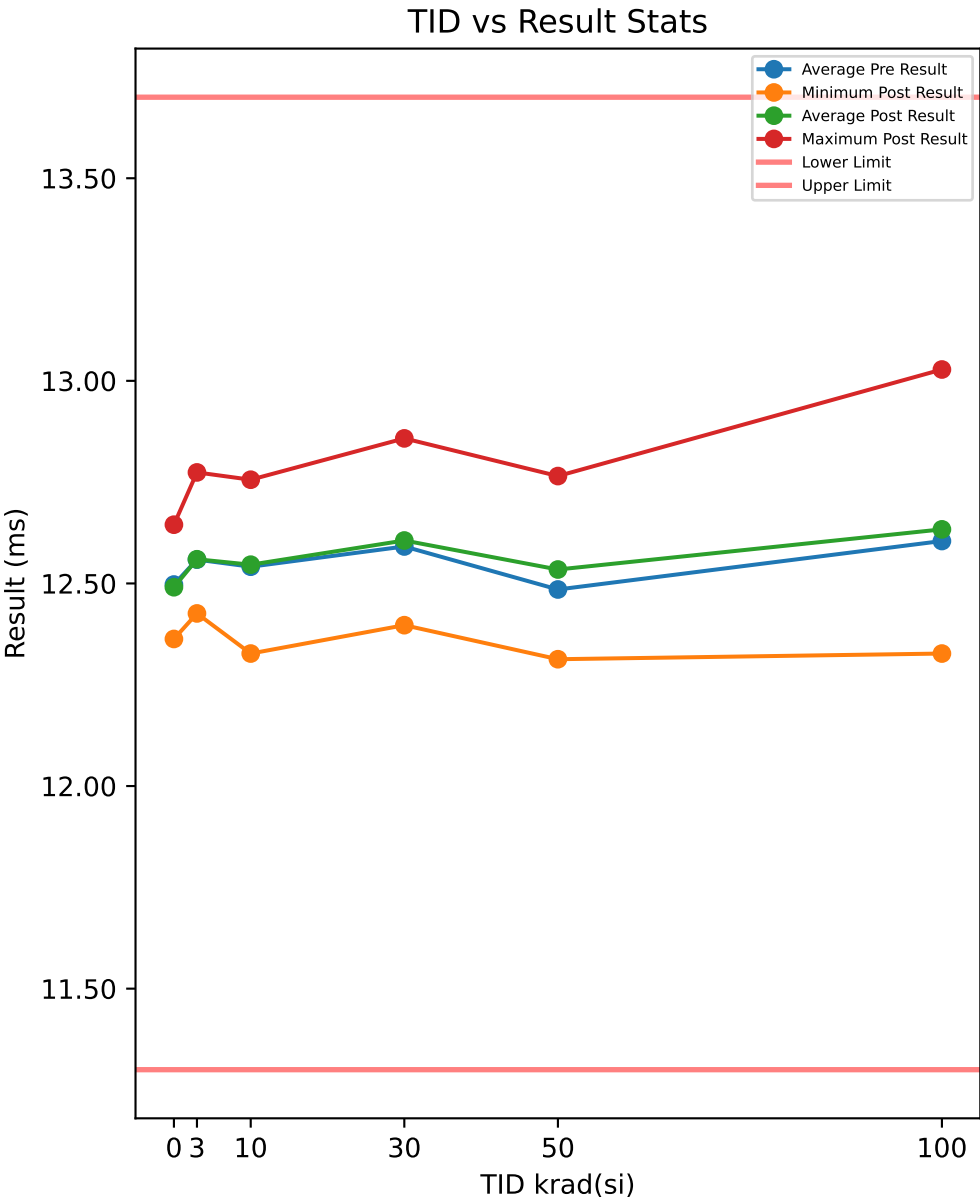
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.269	0.267	-0.002
301	0	Correlation	0.267	0.267	0
302	0	Correlation	0.26	0.261	0.001
303	3	Bias	0.262	0.261	-0.001
304	3	Bias	0.259	0.26	0.001
305	3	Bias	0.269	0.269	0
306	3	Bias	0.268	0.267	-0.001
307	3	Bias	0.269	0.268	-0.001
308	3	Unbiased	0.266	0.267	0.001
309	3	Unbiased	0.271	0.271	0
310	3	Unbiased	0.27	0.269	-0.001
311	3	Unbiased	0.261	0.262	0.001
312	3	Unbiased	0.262	0.261	-0.001
313	10	Bias	0.26	0.26	0
314	10	Bias	0.261	0.26	-0.001
315	10	Bias	0.261	0.261	0
316	10	Bias	0.267	0.268	0.001
317	10	Bias	0.269	0.268	-0.001
318	10	Unbiased	0.272	0.27	-0.002
319	10	Unbiased	0.261	0.261	0
320	10	Unbiased	0.269	0.27	0.001
321	10	Unbiased	0.269	0.271	0.002
322	10	Unbiased	0.27	0.271	0.001
323	30	Bias	0.261	0.262	0.001
324	30	Bias	0.262	0.262	0
325	30	Bias	0.269	0.269	0
326	30	Bias	0.267	0.267	0
327	30	Bias	0.259	0.259	0
328	30	Unbiased	0.268	0.268	0
329	30	Unbiased	0.263	0.263	0
330	30	Unbiased	0.26	0.26	0
331	30	Unbiased	0.27	0.269	-0.001
332	30	Unbiased	0.268	0.269	0.001
333	50	Bias	0.267	0.268	0.001
334	50	Bias	0.268	0.268	0
335	50	Bias	0.26	0.261	0.001
336	50	Bias	0.268	0.27	0.002
337	50	Bias	0.262	0.262	0
338	50	Unbiased	0.267	0.267	0
339	50	Unbiased	0.265	0.265	0
340	50	Unbiased	0.268	0.269	0.001
341	50	Unbiased	0.269	0.269	0
342	50	Unbiased	0.263	0.264	0.001
343	100	Bias	0.269	0.271	0.002
344	100	Bias	0.268	0.268	0
345	100	Bias	0.261	0.263	0.002
346	100	Bias	0.262	0.262	0
347	100	Bias	0.261	0.263	0.002
348	100	Unbiased	0.271	0.271	0
349	100	Unbiased	0.26	0.262	0.002
350	100	Unbiased	0.27	0.271	0.001
351	100	Unbiased	0.269	0.271	0.002
352	100	Unbiased	0.268	0.268	0

TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.26533	0.269	0.0047258	0.261	0.265	0.267	0.0034641	-0.002	-0.00033333	0.001	0.0015275
3	0.259	0.2657	0.271	0.0043218	0.26	0.2655	0.271	0.004062	-0.001	-0.0002	0.001	0.00091894
10	0.26	0.2659	0.272	0.0046056	0.26	0.266	0.271	0.0048534	-0.002	0.0001	0.002	0.0011972
30	0.259	0.2647	0.27	0.004111	0.259	0.2648	0.269	0.0039944	-0.001	0.0001	0.001	0.00056765
50	0.26	0.2657	0.269	0.0030569	0.261	0.2663	0.27	0.0031287	0	0.0006	0.002	0.00069921
100	0.26	0.2659	0.271	0.0043321	0.262	0.267	0.271	0.0040552	0	0.0011	0.002	0.00099443

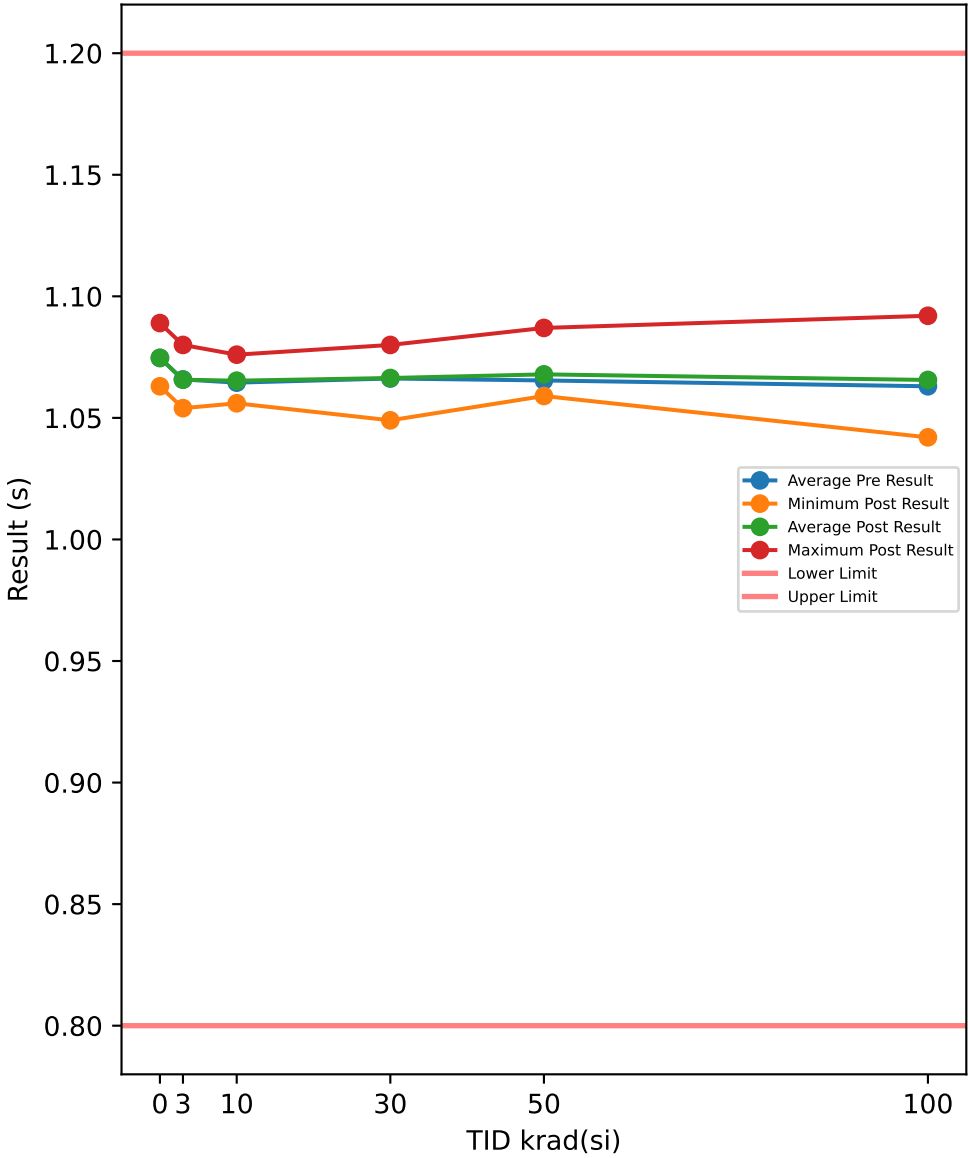


Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.662	12.645	-0.017
301	0	Correlation	12.463	12.464	0.001
302	0	Correlation	12.367	12.363	-0.004
303	3	Bias	12.462	12.475	0.013
304	3	Bias	12.437	12.471	0.034
305	3	Bias	12.713	12.699	-0.014
306	3	Bias	12.704	12.69	-0.014
307	3	Bias	12.463	12.45	-0.013
308	3	Unbiased	12.399	12.426	0.027
309	3	Unbiased	12.772	12.774	0.002
310	3	Unbiased	12.725	12.694	-0.031
311	3	Unbiased	12.438	12.434	-0.004
312	3	Unbiased	12.475	12.484	0.009
313	10	Bias	12.348	12.353	0.005
314	10	Bias	12.471	12.432	-0.039
315	10	Bias	12.339	12.332	-0.007
316	10	Bias	12.566	12.621	0.055
317	10	Bias	12.725	12.745	0.02
318	10	Unbiased	12.738	12.699	-0.039
319	10	Unbiased	12.345	12.327	-0.018
320	10	Unbiased	12.762	12.455	-0.307
321	10	Unbiased	12.413	12.756	0.343
322	10	Unbiased	12.706	12.743	0.037
323	30	Bias	12.522	12.476	-0.046
324	30	Bias	12.467	12.447	-0.02
325	30	Bias	12.657	12.695	0.038
326	30	Bias	12.604	12.718	0.114
327	30	Bias	12.371	12.397	0.026
328	30	Unbiased	12.653	12.624	-0.029
329	30	Unbiased	12.779	12.858	0.079
330	30	Unbiased	12.636	12.539	-0.097
331	30	Unbiased	12.434	12.462	0.028
332	30	Unbiased	12.789	12.844	0.055
333	50	Bias	12.443	12.497	0.054
334	50	Bias	12.722	12.765	0.043
335	50	Bias	12.426	12.512	0.086
336	50	Bias	12.572	12.764	0.192
337	50	Bias	12.35	12.313	-0.037
338	50	Unbiased	12.325	12.346	0.021
339	50	Unbiased	12.359	12.432	0.073
340	50	Unbiased	12.466	12.465	-0.001
341	50	Unbiased	12.676	12.721	0.045
342	50	Unbiased	12.512	12.529	0.017
343	100	Bias	12.603	12.671	0.068
344	100	Bias	12.421	12.399	-0.022
345	100	Bias	12.757	12.734	-0.023
346	100	Bias	12.44	12.327	-0.113
347	100	Bias	12.285	12.427	0.142
348	100	Unbiased	12.848	13.028	0.18
349	100	Unbiased	12.67	12.591	-0.079
350	100	Unbiased	12.757	12.717	-0.04
351	100	Unbiased	12.804	12.926	0.122
352	100	Unbiased	12.462	12.515	0.053

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.367	12.497	12.662	0.15047	12.363	12.491	12.645	0.14288	-0.017	-0.0066667	0.001	0.0092916
3	12.399	12.559	12.772	0.1485	12.426	12.56	12.774	0.13615	-0.031	0.0009	0.034	0.02019
10	12.339	12.541	12.762	0.17861	12.327	12.546	12.756	0.18373	-0.307	0.005	0.343	0.15631
30	12.371	12.591	12.789	0.14068	12.397	12.606	12.858	0.16734	-0.097	0.0148	0.114	0.063018
50	12.325	12.485	12.722	0.13591	12.313	12.534	12.765	0.16413	-0.037	0.0493	0.192	0.061621
100	12.285	12.605	12.848	0.19236	12.327	12.633	13.028	0.22781	-0.113	0.0288	0.18	0.099

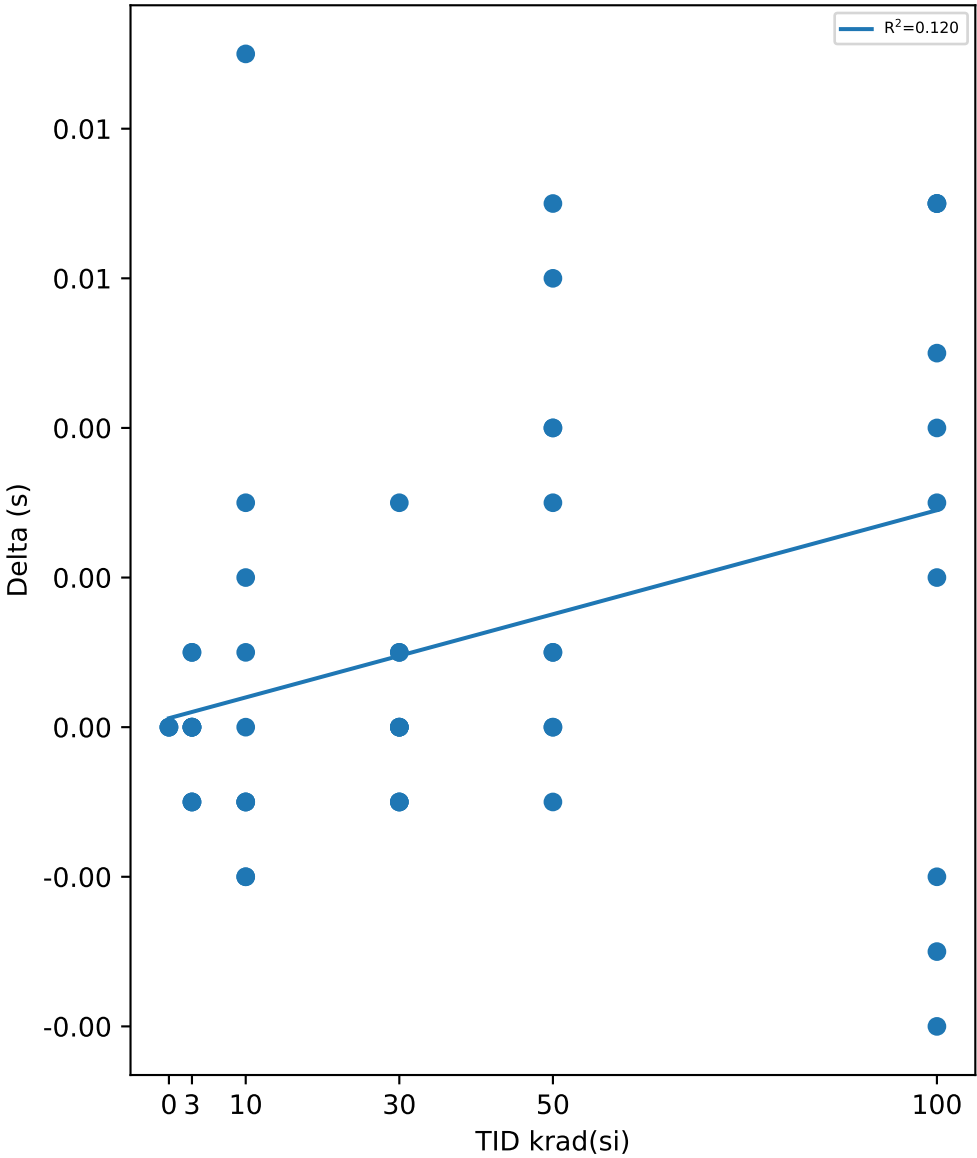
TID vs Result Stats



Test Results (Lower Limit = 0.8, Upper Limit = 1.2 (s))

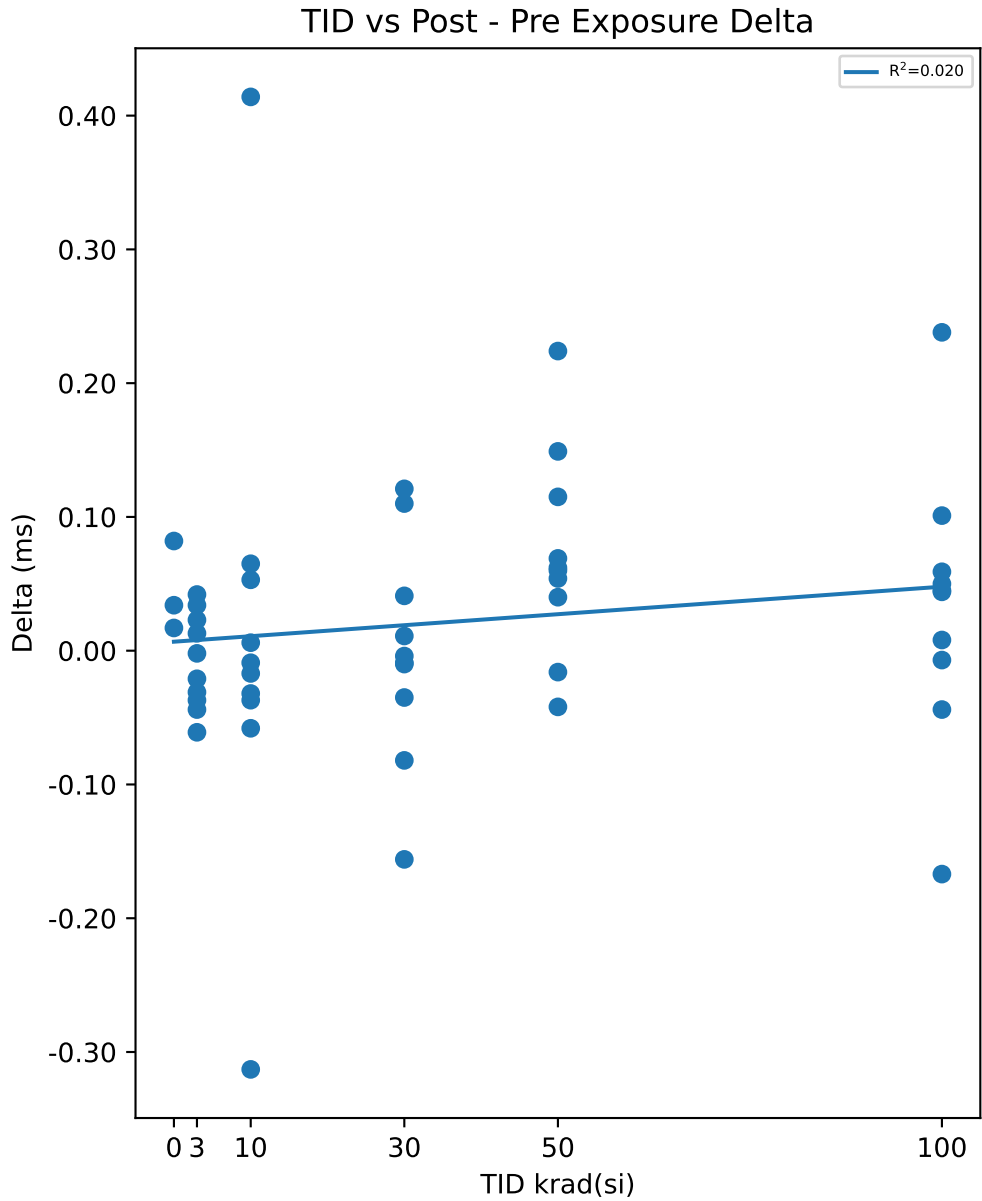
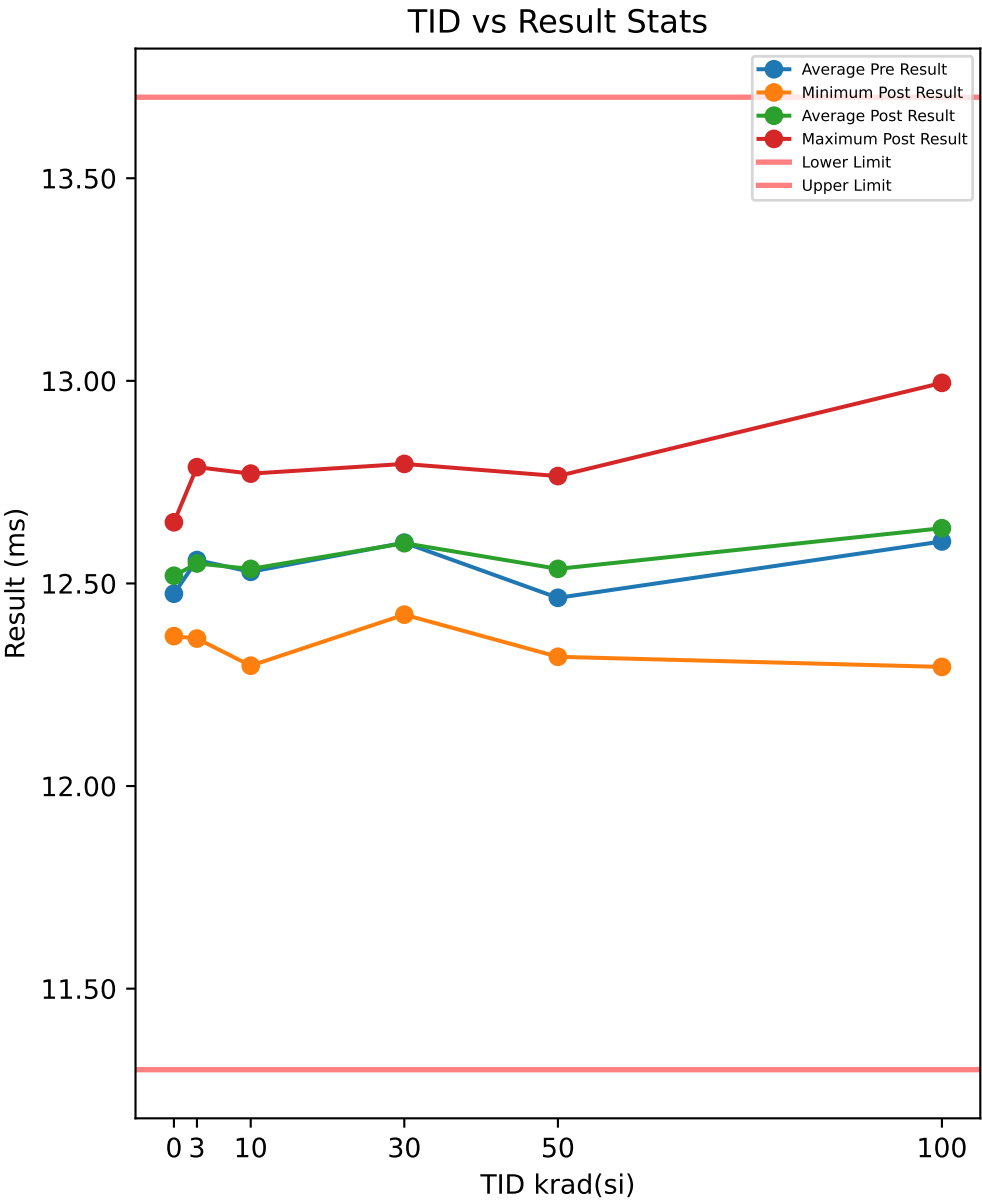
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.089	1.089	0
301	0	Correlation	1.063	1.063	0
302	0	Correlation	1.072	1.072	0
303	3	Bias	1.079	1.08	0.001
304	3	Bias	1.06	1.06	0
305	3	Bias	1.055	1.054	-0.001
306	3	Bias	1.065	1.065	0
307	3	Bias	1.064	1.064	0
308	3	Unbiased	1.072	1.071	-0.001
309	3	Unbiased	1.06	1.06	0
310	3	Unbiased	1.064	1.064	0
311	3	Unbiased	1.068	1.067	-0.001
312	3	Unbiased	1.071	1.072	0.001
313	10	Bias	1.053	1.056	0.003
314	10	Bias	1.066	1.064	-0.002
315	10	Bias	1.07	1.071	0.001
316	10	Bias	1.061	1.06	-0.001
317	10	Bias	1.06	1.06	0
318	10	Unbiased	1.072	1.07	-0.002
319	10	Unbiased	1.067	1.069	0.002
320	10	Unbiased	1.057	1.066	0.009
321	10	Unbiased	1.062	1.061	-0.001
322	10	Unbiased	1.077	1.076	-0.001
323	30	Bias	1.053	1.052	-0.001
324	30	Bias	1.049	1.049	0
325	30	Bias	1.081	1.08	-0.001
326	30	Bias	1.064	1.064	0
327	30	Bias	1.058	1.058	0
328	30	Unbiased	1.075	1.078	0.003
329	30	Unbiased	1.063	1.062	-0.001
330	30	Unbiased	1.074	1.075	0.001
331	30	Unbiased	1.07	1.071	0.001
332	30	Unbiased	1.075	1.075	0
333	50	Bias	1.069	1.07	0.001
334	50	Bias	1.06	1.059	-0.001
335	50	Bias	1.086	1.087	0.001
336	50	Bias	1.059	1.059	0
337	50	Bias	1.058	1.062	0.004
338	50	Unbiased	1.061	1.065	0.004
339	50	Unbiased	1.058	1.061	0.003
340	50	Unbiased	1.067	1.073	0.006
341	50	Unbiased	1.056	1.063	0.007
342	50	Unbiased	1.08	1.08	0
343	100	Bias	1.068	1.064	-0.004
344	100	Bias	1.045	1.042	-0.003
345	100	Bias	1.056	1.058	0.002
346	100	Bias	1.06	1.067	0.007
347	100	Bias	1.085	1.092	0.007
348	100	Unbiased	1.049	1.052	0.003
349	100	Unbiased	1.058	1.056	-0.002
350	100	Unbiased	1.074	1.079	0.005
351	100	Unbiased	1.062	1.069	0.007
352	100	Unbiased	1.073	1.077	0.004

TID vs Post - Pre Exposure Delta



Test Statistics (s)

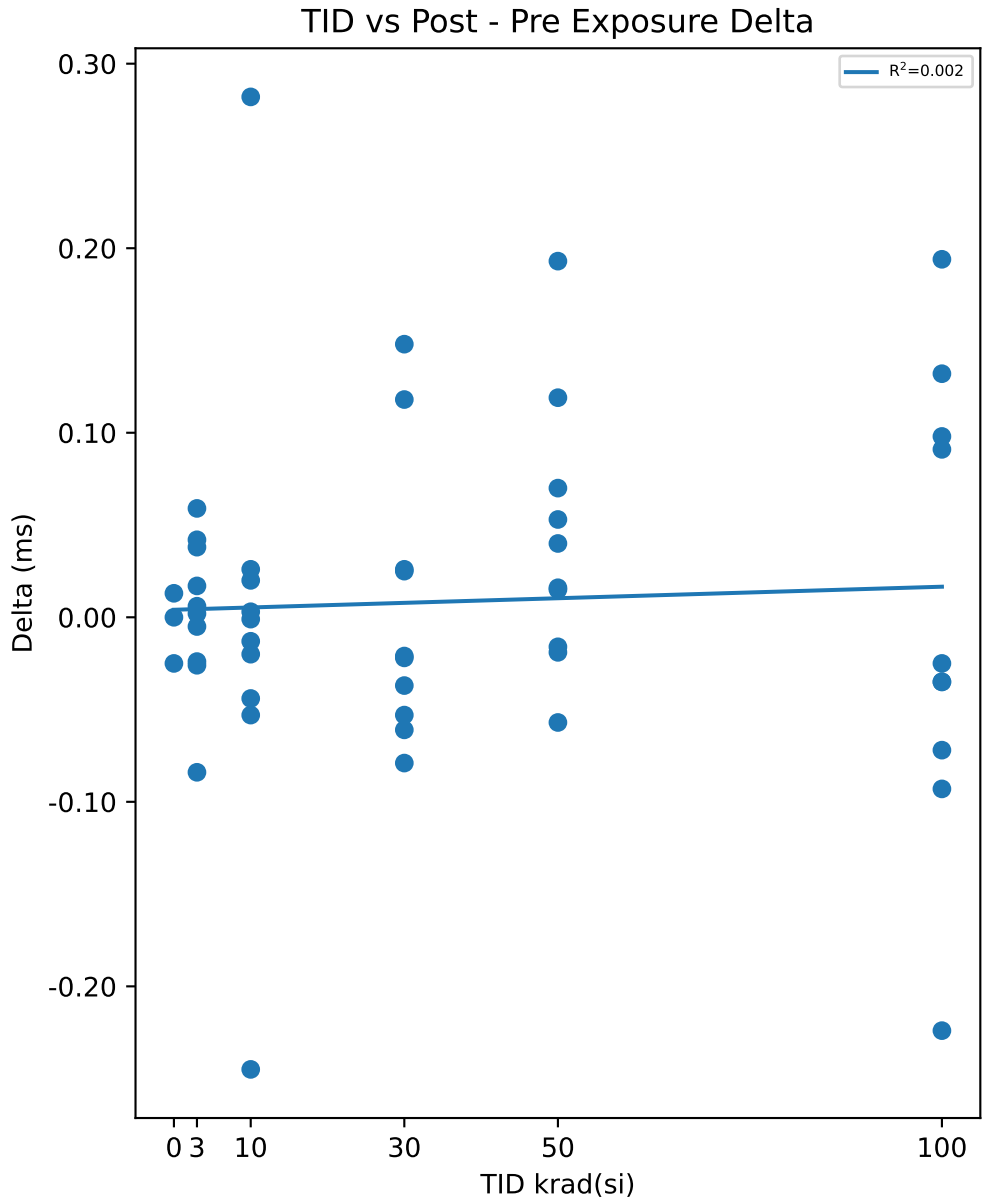
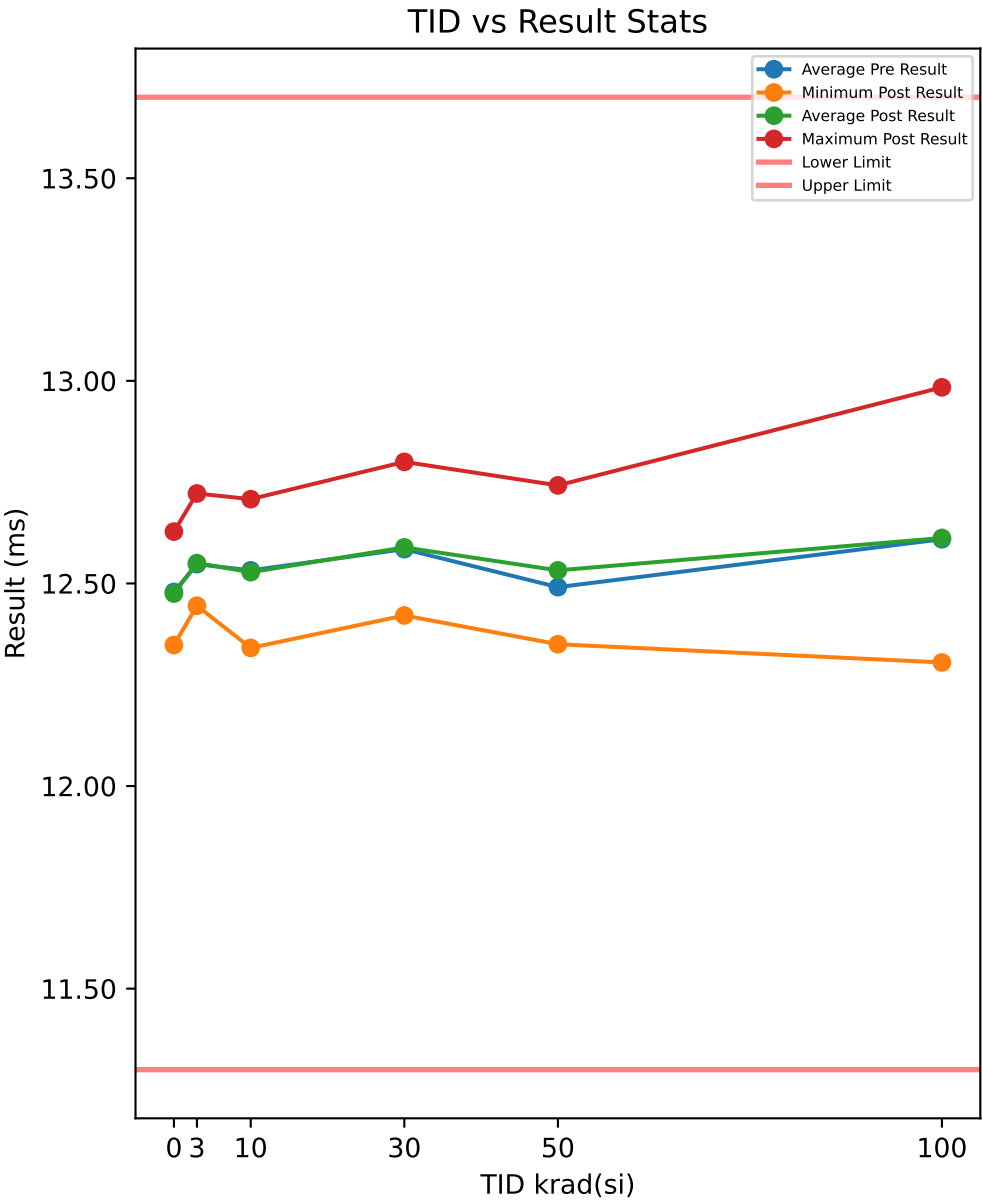
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.063	1.0747	1.089	0.013204	1.063	1.0747	1.089	0.013204	0	0	0	0
3	1.055	1.0658	1.079	0.006957	1.054	1.0657	1.08	0.0073189	-0.001	-0.0001	0.001	0.00073786
10	1.053	1.0645	1.077	0.0072915	1.056	1.0653	1.076	0.0062013	-0.002	0.0008	0.009	0.0033267
30	1.049	1.0662	1.081	0.010549	1.049	1.0664	1.08	0.011027	-0.001	0.0002	0.003	0.0012293
50	1.056	1.0654	1.086	0.010222	1.059	1.0679	1.087	0.0095155	-0.001	0.0025	0.007	0.0027183
100	1.045	1.063	1.085	0.012175	1.042	1.0656	1.092	0.014585	-0.004	0.0026	0.007	0.0042479



Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.617	12.651	0.034
301	0	Correlation	12.519	12.536	0.017
302	0	Correlation	12.288	12.37	0.082
303	3	Bias	12.464	12.462	-0.002
304	3	Bias	12.486	12.442	-0.044
305	3	Bias	12.747	12.686	-0.061
306	3	Bias	12.631	12.673	0.042
307	3	Bias	12.438	12.472	0.034
308	3	Unbiased	12.401	12.364	-0.037
309	3	Unbiased	12.764	12.787	0.023
310	3	Unbiased	12.668	12.647	-0.021
311	3	Unbiased	12.459	12.428	-0.031
312	3	Unbiased	12.519	12.532	0.013
313	10	Bias	12.329	12.297	-0.032
314	10	Bias	12.452	12.435	-0.017
315	10	Bias	12.288	12.341	0.053
316	10	Bias	12.619	12.582	-0.037
317	10	Bias	12.745	12.751	0.006
318	10	Unbiased	12.759	12.701	-0.058
319	10	Unbiased	12.284	12.349	0.065
320	10	Unbiased	12.705	12.392	-0.313
321	10	Unbiased	12.357	12.771	0.414
322	10	Unbiased	12.749	12.74	-0.009
323	30	Bias	12.491	12.532	0.041
324	30	Bias	12.488	12.484	-0.004
325	30	Bias	12.68	12.645	-0.035
326	30	Bias	12.607	12.717	0.11
327	30	Bias	12.302	12.423	0.121
328	30	Unbiased	12.599	12.589	-0.01
329	30	Unbiased	12.877	12.795	-0.082
330	30	Unbiased	12.66	12.504	-0.156
331	30	Unbiased	12.502	12.513	0.011
332	30	Unbiased	12.801	12.792	-0.009
333	50	Bias	12.399	12.439	0.04
334	50	Bias	12.695	12.749	0.054
335	50	Bias	12.461	12.445	-0.016
336	50	Bias	12.541	12.765	0.224
337	50	Bias	12.361	12.319	-0.042
338	50	Unbiased	12.251	12.4	0.149
339	50	Unbiased	12.37	12.43	0.06
340	50	Unbiased	12.475	12.544	0.069
341	50	Unbiased	12.61	12.672	0.062
342	50	Unbiased	12.482	12.597	0.115
343	100	Bias	12.642	12.686	0.044
344	100	Bias	12.455	12.463	0.008
345	100	Bias	12.76	12.716	-0.044
346	100	Bias	12.461	12.294	-0.167
347	100	Bias	12.355	12.414	0.059
348	100	Unbiased	12.757	12.995	0.238
349	100	Unbiased	12.647	12.64	-0.007
350	100	Unbiased	12.688	12.738	0.05
351	100	Unbiased	12.802	12.903	0.101
352	100	Unbiased	12.469	12.514	0.045

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.288	12.475	12.617	0.16892	12.37	12.519	12.651	0.14127	0.017	0.044333	0.082	0.03371
3	12.401	12.558	12.764	0.13332	12.364	12.549	12.787	0.13924	-0.061	-0.0084	0.042	0.035503
10	12.284	12.529	12.759	0.20566	12.297	12.536	12.771	0.19249	-0.313	0.0072	0.414	0.17703
30	12.302	12.601	12.877	0.16667	12.423	12.599	12.795	0.13204	-0.156	-0.0013	0.121	0.082333
50	12.251	12.464	12.695	0.12914	12.319	12.536	12.765	0.15442	-0.042	0.0715	0.224	0.076899
100	12.355	12.604	12.802	0.15641	12.294	12.636	12.995	0.21872	-0.167	0.0327	0.238	0.1033

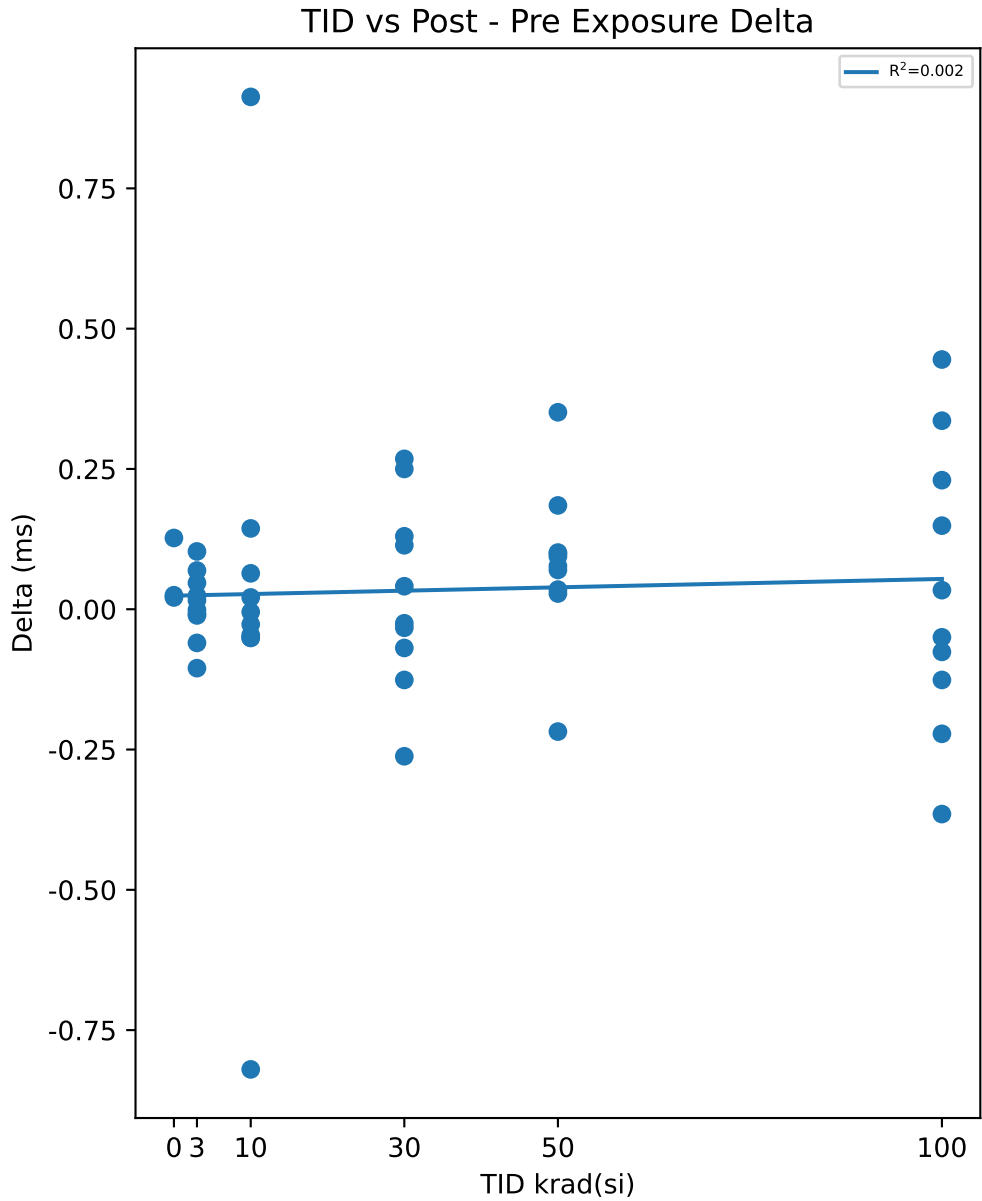
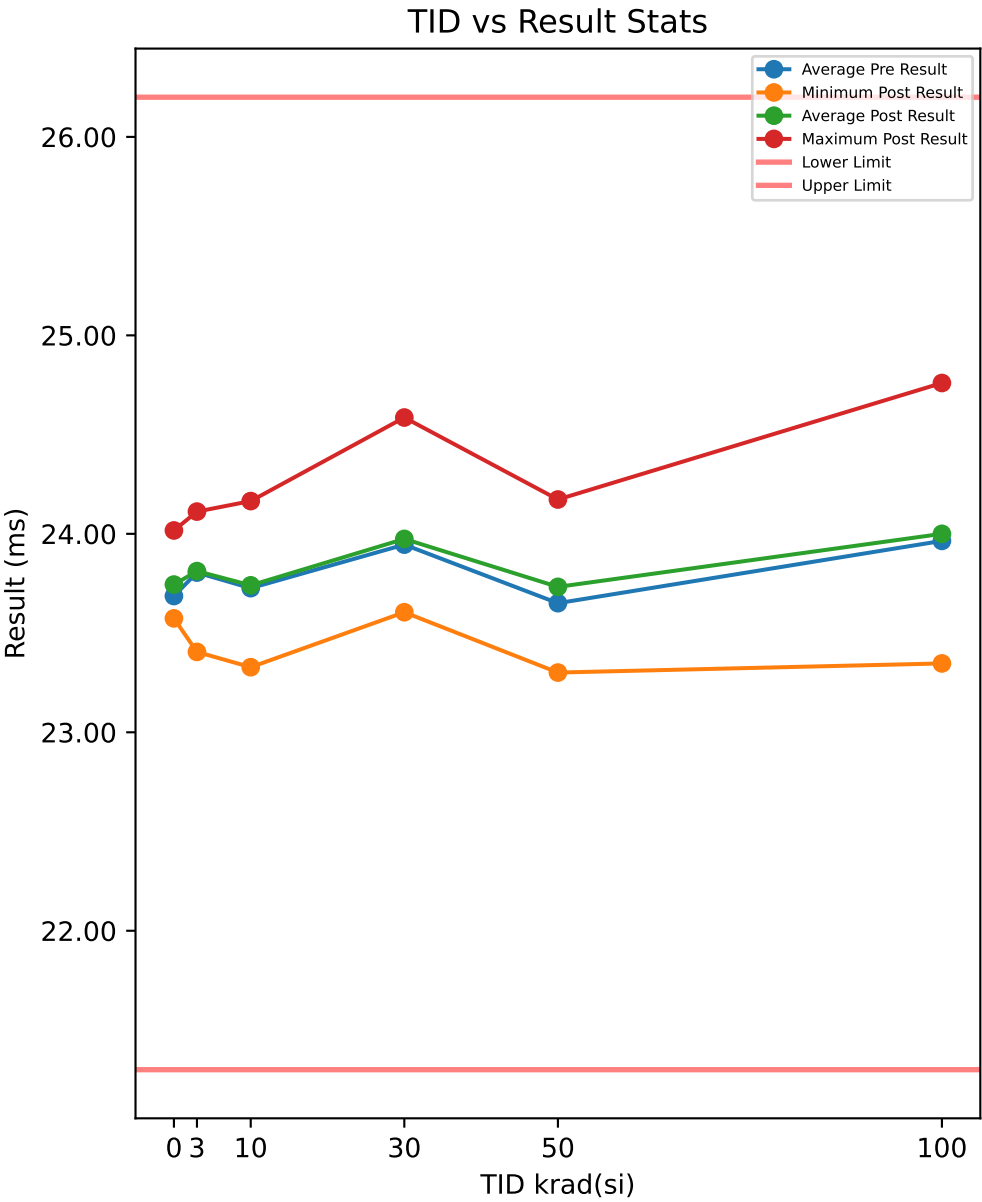


Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.615	12.628	0.013
301	0	Correlation	12.449	12.449	0
302	0	Correlation	12.373	12.348	-0.025
303	3	Bias	12.448	12.465	0.017
304	3	Bias	12.407	12.445	0.038
305	3	Bias	12.684	12.658	-0.026
306	3	Bias	12.64	12.635	-0.005
307	3	Bias	12.524	12.5	-0.024
308	3	Unbiased	12.386	12.445	0.059
309	3	Unbiased	12.716	12.722	0.006
310	3	Unbiased	12.655	12.657	0.002
311	3	Unbiased	12.467	12.509	0.042
312	3	Unbiased	12.549	12.465	-0.084
313	10	Bias	12.389	12.369	-0.02
314	10	Bias	12.455	12.411	-0.044
315	10	Bias	12.362	12.365	0.003
316	10	Bias	12.553	12.573	0.02
317	10	Bias	12.709	12.708	-0.001
318	10	Unbiased	12.698	12.645	-0.053
319	10	Unbiased	12.354	12.341	-0.013
320	10	Unbiased	12.712	12.467	-0.245
321	10	Unbiased	12.409	12.691	0.282
322	10	Unbiased	12.682	12.708	0.026
323	30	Bias	12.502	12.449	-0.053
324	30	Bias	12.526	12.504	-0.022
325	30	Bias	12.695	12.634	-0.061
326	30	Bias	12.547	12.665	0.118
327	30	Bias	12.395	12.421	0.026
328	30	Unbiased	12.616	12.579	-0.037
329	30	Unbiased	12.821	12.8	-0.021
330	30	Unbiased	12.586	12.507	-0.079
331	30	Unbiased	12.41	12.558	0.148
332	30	Unbiased	12.748	12.773	0.025
333	50	Bias	12.443	12.496	0.053
334	50	Bias	12.701	12.717	0.016
335	50	Bias	12.415	12.485	0.07
336	50	Bias	12.549	12.742	0.193
337	50	Bias	12.407	12.35	-0.057
338	50	Unbiased	12.284	12.403	0.119
339	50	Unbiased	12.423	12.407	-0.016
340	50	Unbiased	12.523	12.538	0.015
341	50	Unbiased	12.694	12.675	-0.019
342	50	Unbiased	12.47	12.51	0.04
343	100	Bias	12.568	12.666	0.098
344	100	Bias	12.462	12.39	-0.072
345	100	Bias	12.748	12.713	-0.035
346	100	Bias	12.529	12.305	-0.224
347	100	Bias	12.335	12.426	0.091
348	100	Unbiased	12.79	12.984	0.194
349	100	Unbiased	12.651	12.558	-0.093
350	100	Unbiased	12.711	12.686	-0.025
351	100	Unbiased	12.766	12.898	0.132
352	100	Unbiased	12.531	12.496	-0.035

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.373	12.479	12.615	0.12376	12.348	12.475	12.628	0.1418	-0.025	-0.004	0.013	0.019313
3	12.386	12.548	12.716	0.12014	12.445	12.55	12.722	0.10573	-0.084	0.0025	0.059	0.041216
10	12.354	12.532	12.712	0.15503	12.341	12.528	12.708	0.15323	-0.245	-0.0045	0.282	0.12726
30	12.395	12.585	12.821	0.13899	12.421	12.589	12.8	0.12867	-0.079	0.0044	0.148	0.076012
50	12.284	12.491	12.701	0.13028	12.35	12.532	12.742	0.1367	-0.057	0.0414	0.193	0.072974
100	12.335	12.609	12.79	0.14898	12.305	12.612	12.984	0.21941	-0.224	0.0031	0.194	0.12469

Device Test: 5.32 ; DLY_TMR_1MOHM



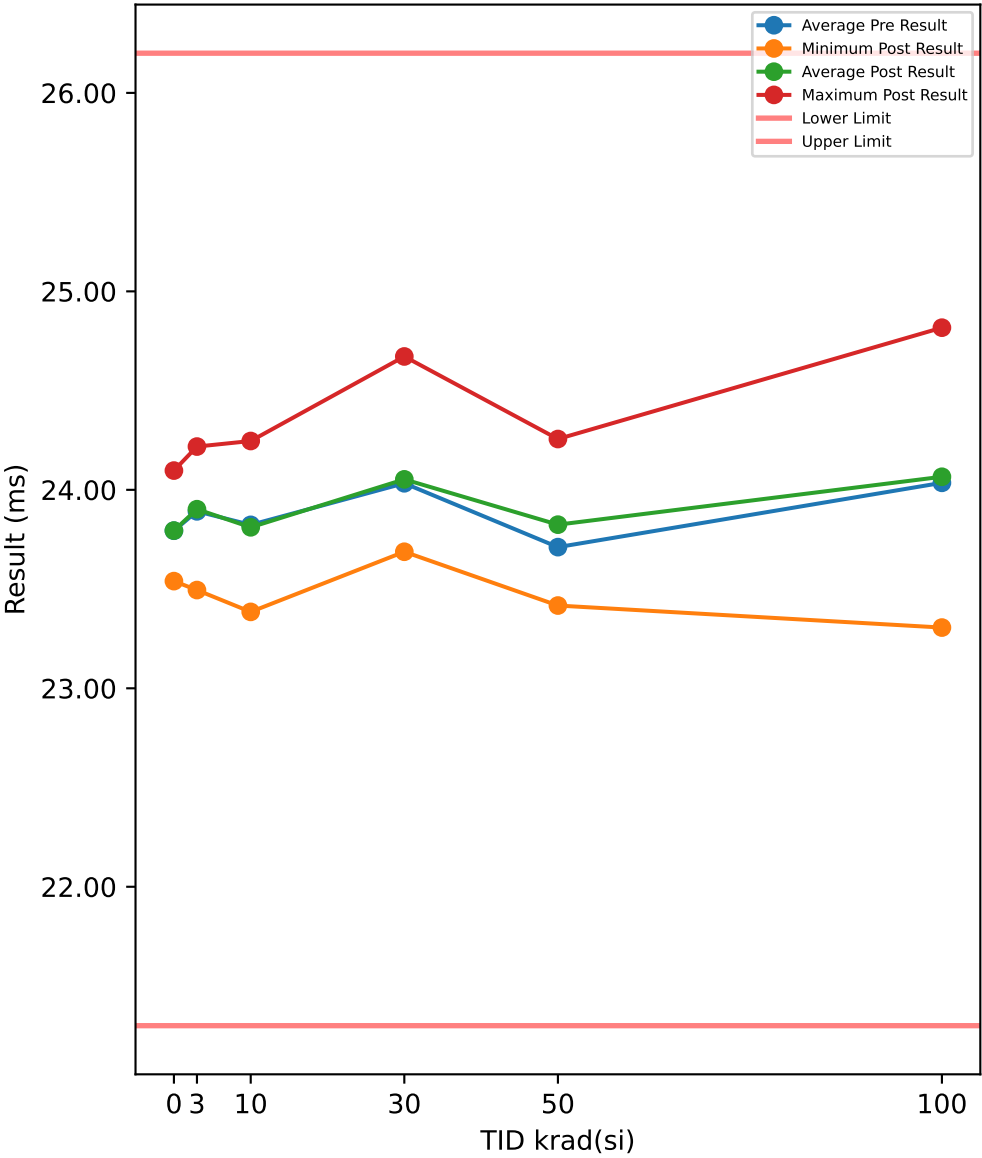
Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.996	24.017	0.021
301	0	Correlation	23.617	23.642	0.025
302	0	Correlation	23.447	23.574	0.127
303	3	Bias	23.639	23.686	0.047
304	3	Bias	23.755	23.824	0.069
305	3	Bias	24.073	24.065	-0.008
306	3	Bias	24.034	24.05	0.016
307	3	Bias	23.54	23.48	-0.06
308	3	Unbiased	23.302	23.405	0.103
309	3	Unbiased	24.217	24.112	-0.105
310	3	Unbiased	24.054	24.053	-0.001
311	3	Unbiased	23.704	23.728	0.024
312	3	Unbiased	23.73	23.719	-0.011
313	10	Bias	23.415	23.364	-0.051
314	10	Bias	23.726	23.675	-0.051
315	10	Bias	23.333	23.328	-0.005
316	10	Bias	23.844	23.865	0.021
317	10	Bias	24.132	24.105	-0.027
318	10	Unbiased	24.067	24.021	-0.046
319	10	Unbiased	23.321	23.465	0.144
320	10	Unbiased	24.156	23.336	-0.82
321	10	Unbiased	23.252	24.165	0.913
322	10	Unbiased	24.017	24.081	0.064
323	30	Bias	23.888	23.762	-0.126
324	30	Bias	23.735	23.71	-0.025
325	30	Bias	24.015	24.056	0.041
326	30	Bias	23.891	24.141	0.25
327	30	Bias	23.491	23.605	0.114
328	30	Unbiased	23.88	23.847	-0.033
329	30	Unbiased	24.655	24.586	-0.069
330	30	Unbiased	24.186	23.924	-0.262
331	30	Unbiased	23.453	23.721	0.268
332	30	Unbiased	24.262	24.392	0.13
333	50	Bias	23.375	23.476	0.101
334	50	Bias	24.138	24.173	0.035
335	50	Bias	23.673	23.701	0.028
336	50	Bias	23.809	24.16	0.351
337	50	Bias	23.519	23.301	-0.218
338	50	Unbiased	23.31	23.387	0.077
339	50	Unbiased	23.324	23.509	0.185
340	50	Unbiased	23.542	23.612	0.07
341	50	Unbiased	24.026	24.12	0.094
342	50	Unbiased	23.79	23.889	0.099
343	100	Bias	23.821	24.051	0.23
344	100	Bias	23.539	23.489	-0.05
345	100	Bias	24.511	24.385	-0.126
346	100	Bias	23.712	23.347	-0.365
347	100	Bias	23.33	23.479	0.149
348	100	Unbiased	24.315	24.76	0.445
349	100	Unbiased	24.273	24.051	-0.222
350	100	Unbiased	24.177	24.101	-0.076
351	100	Unbiased	24.36	24.696	0.336
352	100	Unbiased	23.606	23.64	0.034

Test Statistics (ms)

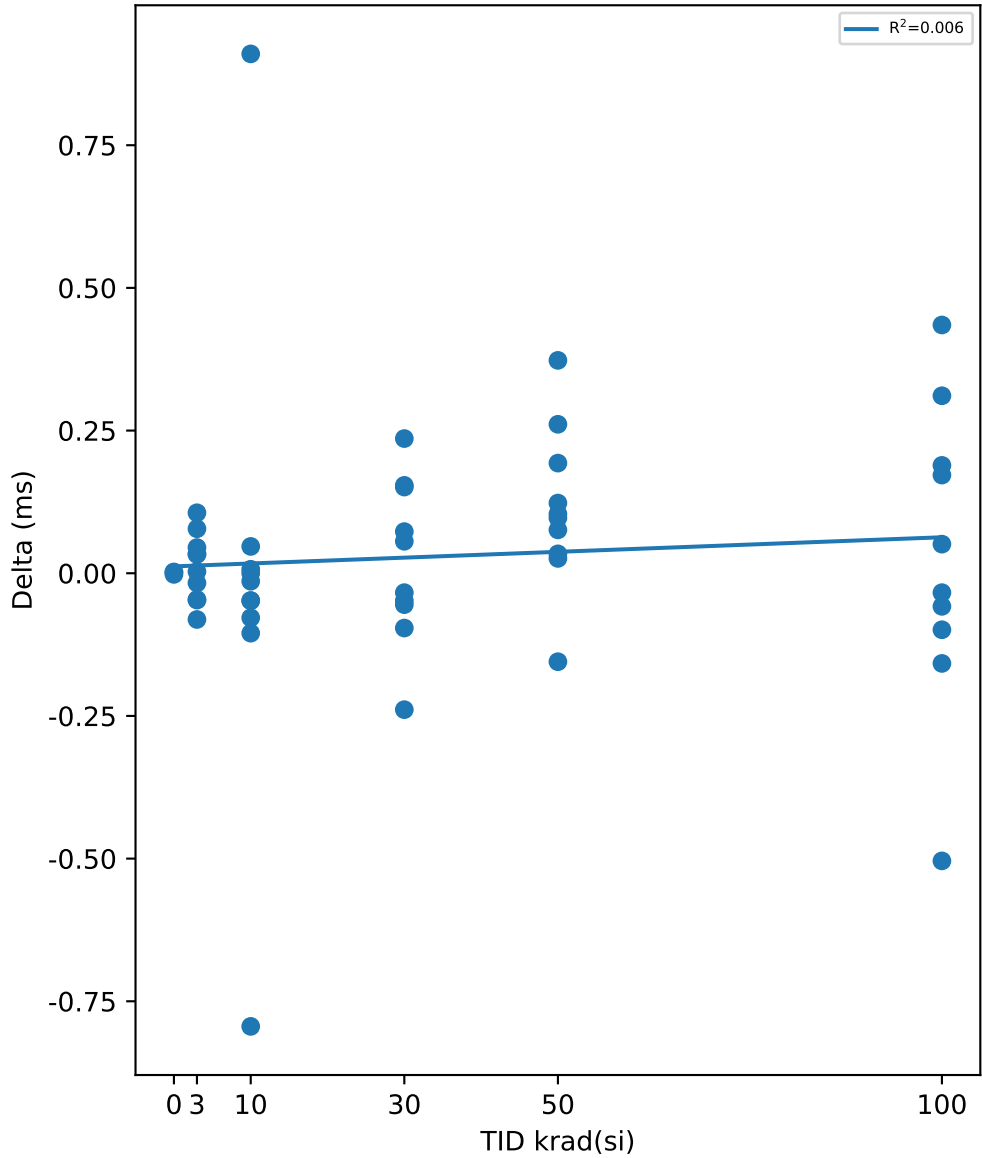
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.447	23.687	23.996	0.28105	23.574	23.744	24.017	0.23857	0.021	0.057667	0.127	0.060078
3	23.302	23.805	24.217	0.28385	23.405	23.812	24.112	0.25306	-0.105	0.0074	0.103	0.060254
10	23.252	23.726	24.156	0.36583	23.328	23.741	24.165	0.34623	-0.82	0.0142	0.913	0.41329
30	23.453	23.946	24.655	0.36059	23.605	23.974	24.586	0.31926	-0.262	0.0288	0.268	0.1662
50	23.31	23.651	24.138	0.28892	23.301	23.733	24.173	0.33137	-0.218	0.0822	0.351	0.14105
100	23.33	23.964	24.511	0.41025	23.347	24	24.76	0.50708	-0.365	0.0355	0.445	0.25413

Device Test: 5.33 ; DLY_TMR_1MOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta



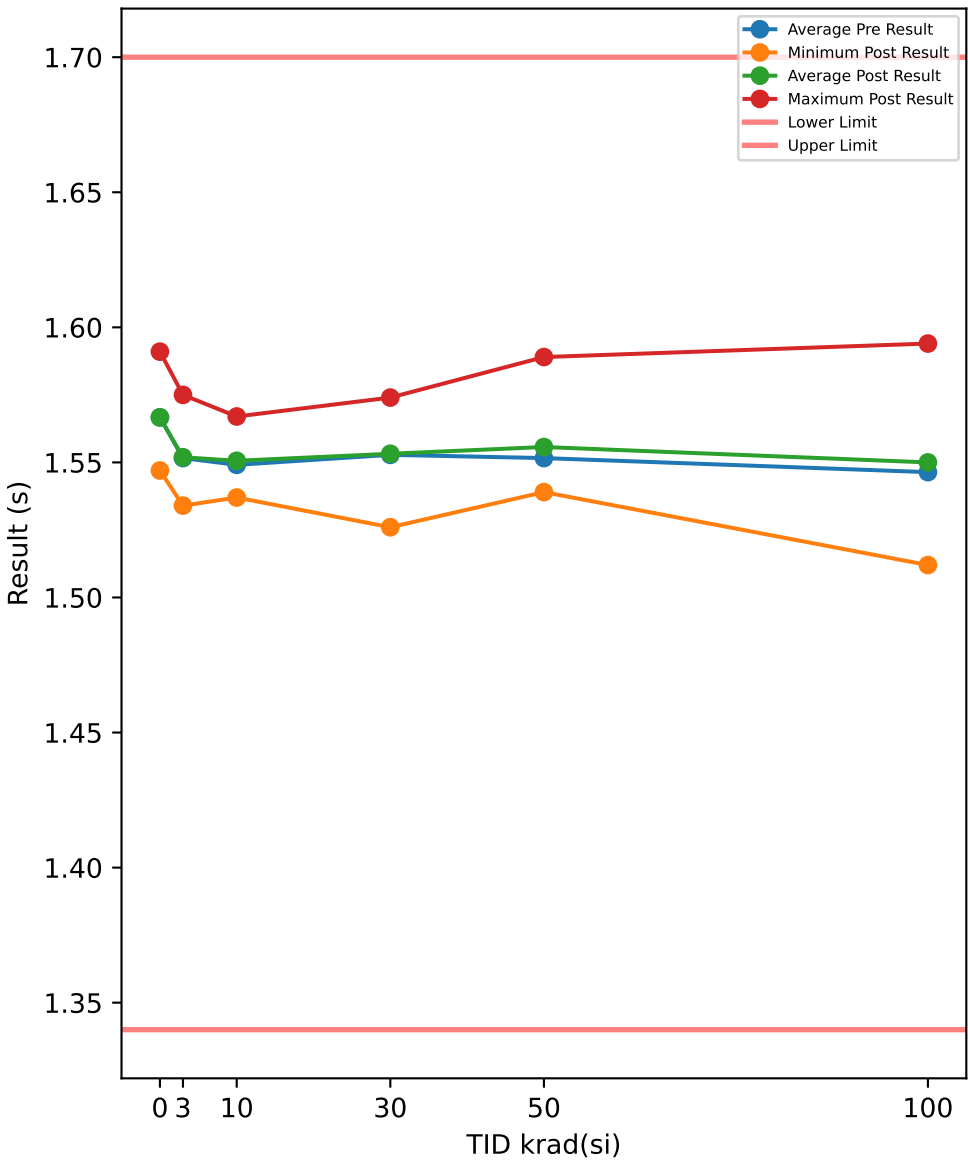
Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.095	24.097	0.002
301	0	Correlation	23.749	23.747	-0.002
302	0	Correlation	23.538	23.54	0.002
303	3	Bias	23.734	23.768	0.034
304	3	Bias	23.825	23.931	0.106
305	3	Bias	24.177	24.131	-0.046
306	3	Bias	24.085	24.118	0.033
307	3	Bias	23.639	23.592	-0.047
308	3	Unbiased	23.417	23.495	0.078
309	3	Unbiased	24.299	24.218	-0.081
310	3	Unbiased	24.125	24.128	0.003
311	3	Unbiased	23.783	23.828	0.045
312	3	Unbiased	23.832	23.815	-0.017
313	10	Bias	23.492	23.444	-0.048
314	10	Bias	23.859	23.754	-0.105
315	10	Bias	23.44	23.44	0
316	10	Bias	23.919	23.966	0.047
317	10	Bias	24.217	24.203	-0.014
318	10	Unbiased	24.18	24.102	-0.078
319	10	Unbiased	23.433	23.385	-0.048
320	10	Unbiased	24.22	23.426	-0.794
321	10	Unbiased	23.336	24.246	0.91
322	10	Unbiased	24.139	24.146	0.007
323	30	Bias	23.997	23.901	-0.096
324	30	Bias	23.846	23.812	-0.034
325	30	Bias	24.082	24.138	0.056
326	30	Bias	23.962	24.198	0.236
327	30	Bias	23.624	23.697	0.073
328	30	Unbiased	23.993	23.938	-0.055
329	30	Unbiased	24.72	24.672	-0.048
330	30	Unbiased	24.235	23.996	-0.239
331	30	Unbiased	23.534	23.688	0.154
332	30	Unbiased	24.337	24.488	0.151
333	50	Bias	23.46	23.583	0.123
334	50	Bias	24.204	24.238	0.034
335	50	Bias	23.776	23.802	0.026
336	50	Bias	23.883	24.256	0.373
337	50	Bias	23.572	23.417	-0.155
338	50	Unbiased	23.218	23.479	0.261
339	50	Unbiased	23.413	23.606	0.193
340	50	Unbiased	23.642	23.718	0.076
341	50	Unbiased	24.061	24.165	0.104
342	50	Unbiased	23.884	23.981	0.097
343	100	Bias	23.911	24.1	0.189
344	100	Bias	23.609	23.551	-0.058
345	100	Bias	24.589	24.49	-0.099
346	100	Bias	23.81	23.306	-0.504
347	100	Bias	23.391	23.563	0.172
348	100	Unbiased	24.382	24.817	0.435
349	100	Unbiased	24.324	24.166	-0.158
350	100	Unbiased	24.227	24.193	-0.034
351	100	Unbiased	24.404	24.715	0.311
352	100	Unbiased	23.706	23.757	0.051

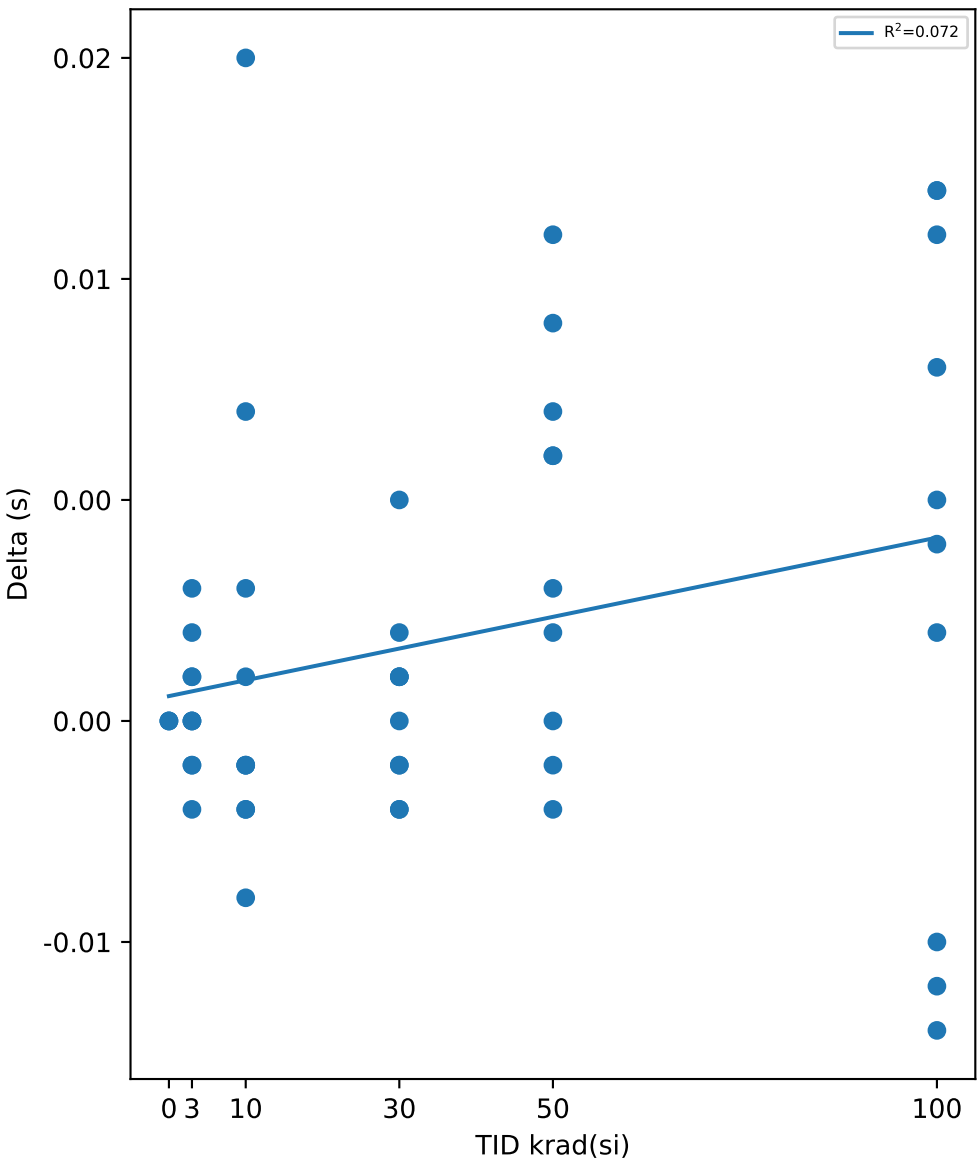
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.538	23.794	24.095	0.28121	23.54	23.795	24.097	0.28154	-0.002	0.00066667	0.002	0.0023094
3	23.417	23.892	24.299	0.27345	23.495	23.902	24.218	0.24577	-0.081	0.0108	0.106	0.059262
10	23.336	23.824	24.22	0.36457	23.385	23.811	24.246	0.36042	-0.794	-0.0123	0.91	0.40568
30	23.534	24.033	24.72	0.34428	23.688	24.053	24.672	0.3263	-0.239	0.0198	0.236	0.14126
50	23.218	23.711	24.204	0.307	23.417	23.825	24.256	0.31639	-0.155	0.1132	0.373	0.14273
100	23.391	24.035	24.589	0.40198	23.306	24.066	24.817	0.51463	-0.504	0.0305	0.435	0.26622

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.34, Upper Limit = 1.7 (s))

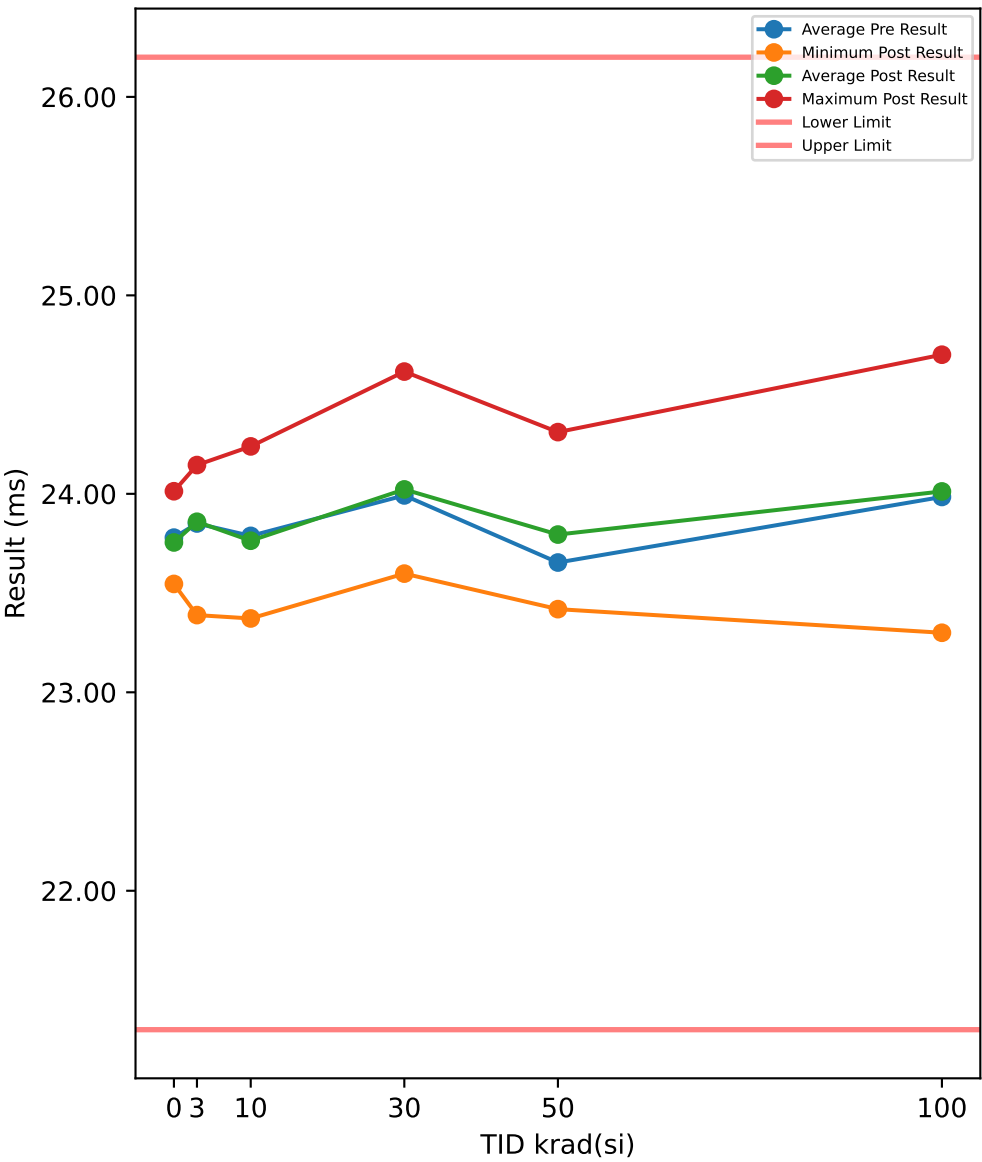
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.591	1.591	0
301	0	Correlation	1.547	1.547	0
302	0	Correlation	1.562	1.562	0
303	3	Bias	1.573	1.575	0.002
304	3	Bias	1.541	1.541	0
305	3	Bias	1.535	1.534	-0.001
306	3	Bias	1.55	1.551	0.001
307	3	Bias	1.549	1.549	0
308	3	Unbiased	1.56	1.559	-0.001
309	3	Unbiased	1.54	1.54	0
310	3	Unbiased	1.547	1.548	0.001
311	3	Unbiased	1.557	1.555	-0.002
312	3	Unbiased	1.564	1.567	0.003
313	10	Bias	1.53	1.537	0.007
314	10	Bias	1.55	1.546	-0.004
315	10	Bias	1.557	1.558	0.001
316	10	Bias	1.543	1.542	-0.001
317	10	Bias	1.544	1.543	-0.001
318	10	Unbiased	1.562	1.56	-0.002
319	10	Unbiased	1.555	1.558	0.003
320	10	Unbiased	1.537	1.552	0.015
321	10	Unbiased	1.545	1.543	-0.002
322	10	Unbiased	1.568	1.567	-0.001
323	30	Bias	1.531	1.529	-0.002
324	30	Bias	1.525	1.526	0.001
325	30	Bias	1.575	1.574	-0.001
326	30	Bias	1.551	1.55	-0.001
327	30	Bias	1.539	1.54	0.001
328	30	Unbiased	1.567	1.572	0.005
329	30	Unbiased	1.546	1.544	-0.002
330	30	Unbiased	1.567	1.569	0.002
331	30	Unbiased	1.558	1.559	0.001
332	30	Unbiased	1.569	1.569	0
333	50	Bias	1.562	1.564	0.002
334	50	Bias	1.541	1.539	-0.002
335	50	Bias	1.586	1.589	0.003
336	50	Bias	1.543	1.542	-0.001
337	50	Bias	1.538	1.544	0.006
338	50	Unbiased	1.543	1.55	0.007
339	50	Unbiased	1.537	1.543	0.006
340	50	Unbiased	1.555	1.564	0.009
341	50	Unbiased	1.535	1.546	0.011
342	50	Unbiased	1.576	1.576	0
343	100	Bias	1.555	1.548	-0.007
344	100	Bias	1.518	1.512	-0.006
345	100	Bias	1.535	1.537	0.002
346	100	Bias	1.541	1.553	0.012
347	100	Bias	1.582	1.594	0.012
348	100	Unbiased	1.523	1.527	0.004
349	100	Unbiased	1.538	1.533	-0.005
350	100	Unbiased	1.566	1.571	0.005
351	100	Unbiased	1.545	1.556	0.011
352	100	Unbiased	1.561	1.569	0.008

Test Statistics (s)

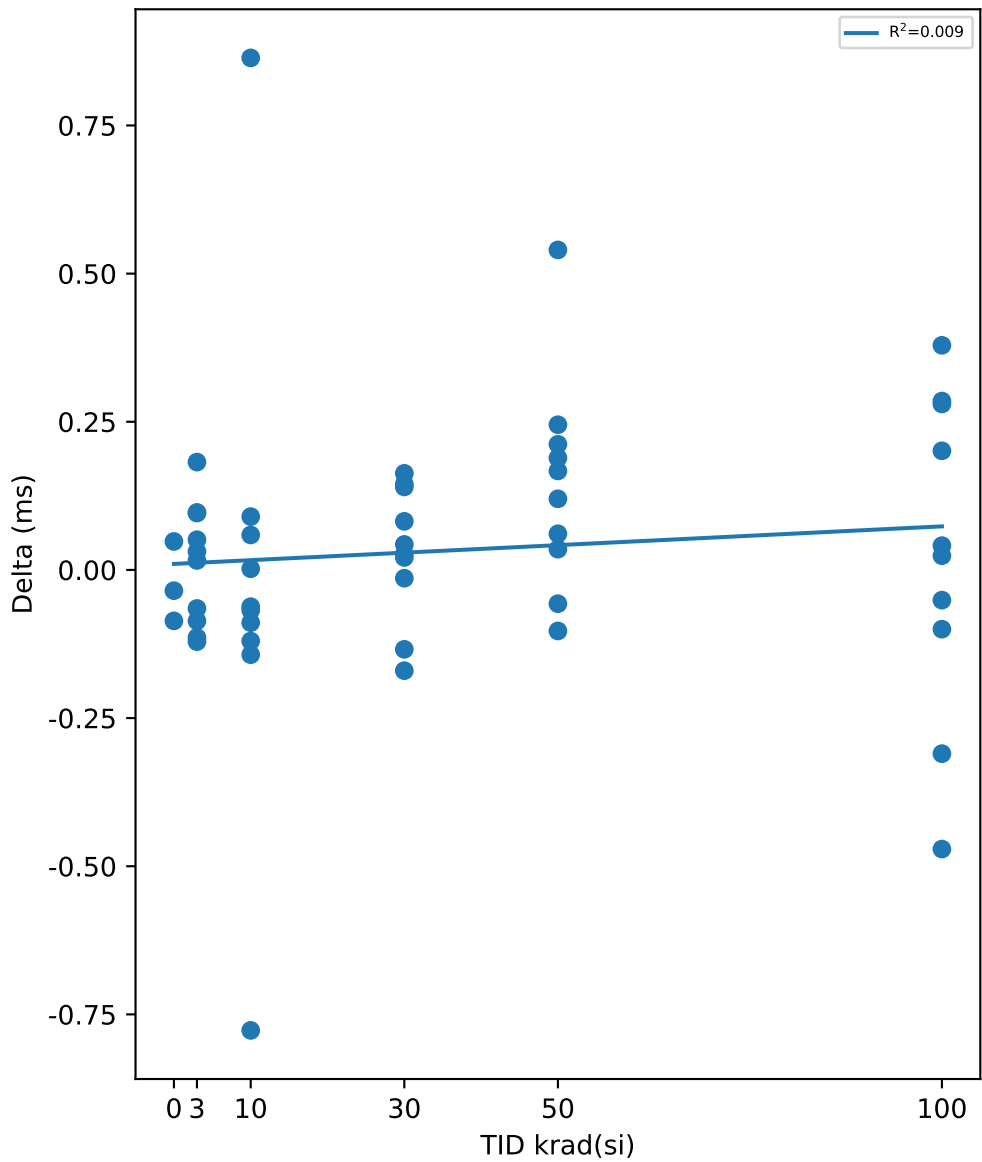
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.547	1.5667	1.591	0.022368	1.547	1.5667	1.591	0.022368	0	0	0	0
3	1.535	1.5516	1.573	0.011853	1.534	1.5519	1.575	0.012591	-0.002	0.0003	0.003	0.0014944
10	1.53	1.5491	1.568	0.011609	1.537	1.5506	1.567	0.0098002	-0.004	0.0015	0.015	0.0056618
30	1.525	1.5528	1.575	0.017236	1.526	1.5532	1.574	0.017993	-0.002	0.0004	0.005	0.0021187
50	1.535	1.5516	1.586	0.01774	1.539	1.5557	1.589	0.016833	-0.002	0.0041	0.011	0.004383
100	1.518	1.5464	1.582	0.019789	1.512	1.55	1.594	0.024079	-0.007	0.0036	0.012	0.0074416

Device Test: 5.35 ; DLY_TMR_1MOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta

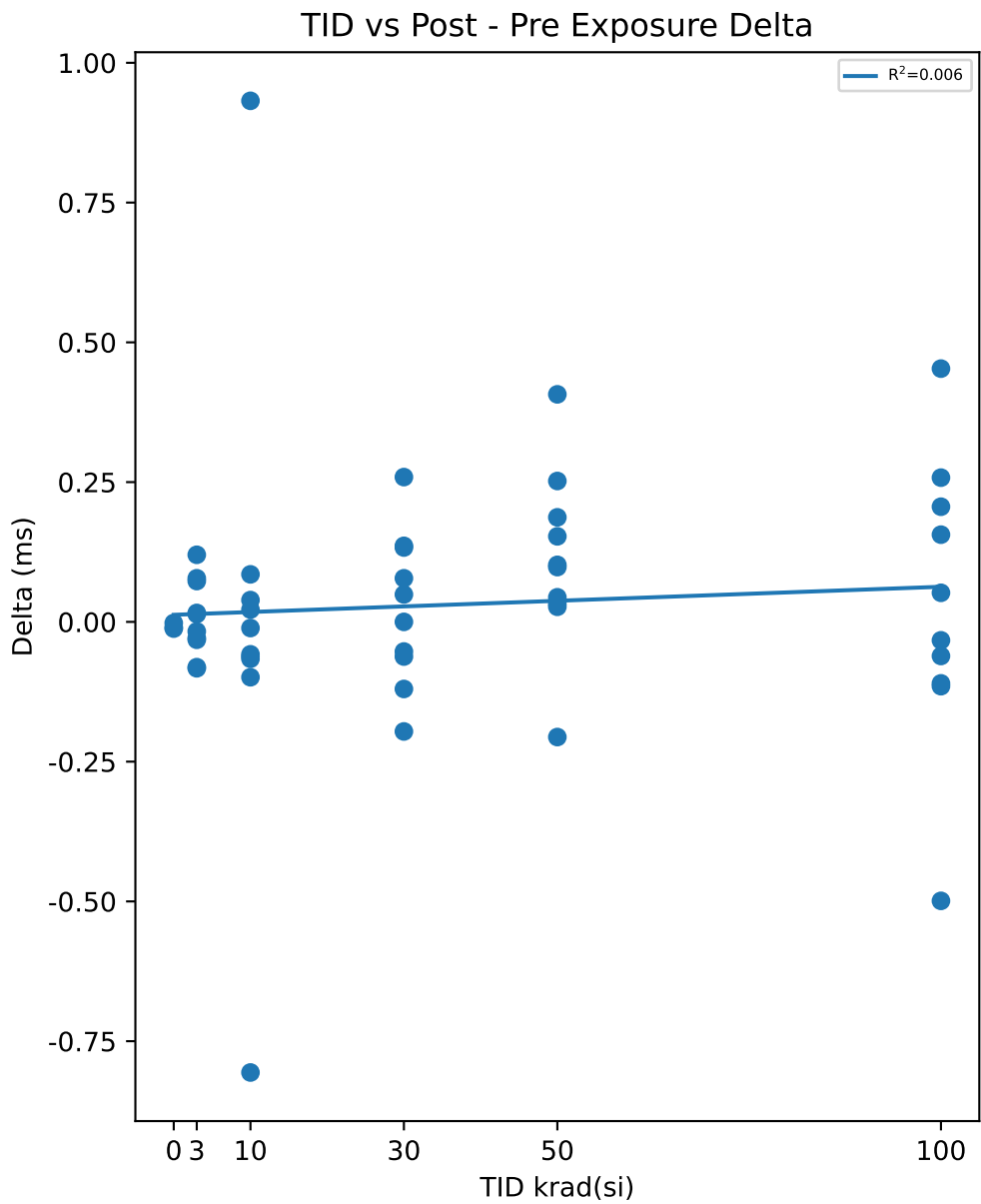
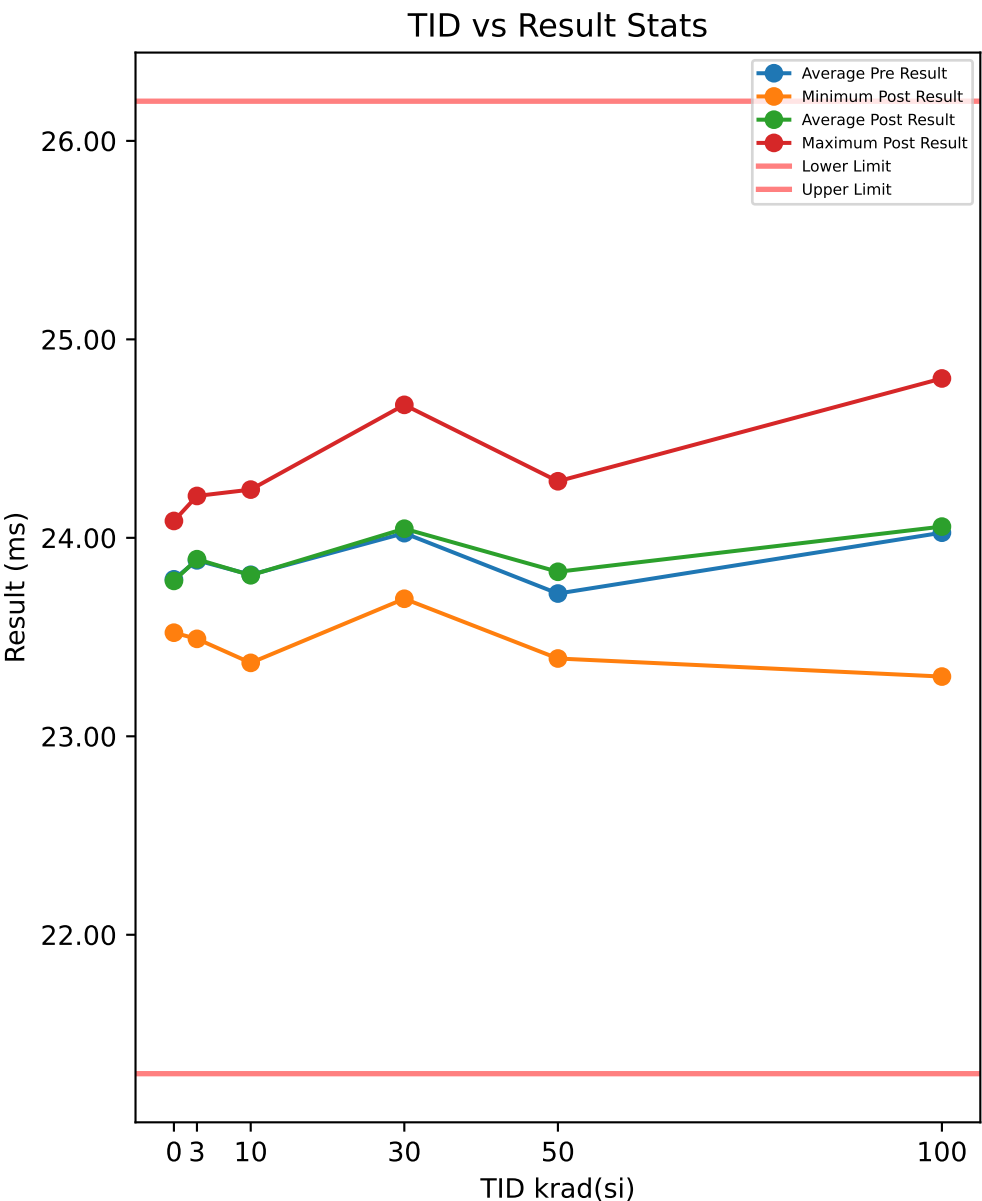


Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.099	24.013	-0.086
301	0	Correlation	23.741	23.706	-0.035
302	0	Correlation	23.498	23.546	0.048
303	3	Bias	23.778	23.664	-0.114
304	3	Bias	23.808	23.904	0.096
305	3	Bias	24.132	24.046	-0.086
306	3	Bias	23.995	24.046	0.051
307	3	Bias	23.618	23.634	0.016
308	3	Unbiased	23.358	23.389	0.031
309	3	Unbiased	24.252	24.131	-0.121
310	3	Unbiased	24.048	24.145	0.097
311	3	Unbiased	23.665	23.847	0.182
312	3	Unbiased	23.852	23.787	-0.065
313	10	Bias	23.392	23.451	0.059
314	10	Bias	23.892	23.749	-0.143
315	10	Bias	23.412	23.414	0.002
316	10	Bias	23.945	23.856	-0.089
317	10	Bias	24.221	24.153	-0.068
318	10	Unbiased	24.015	23.953	-0.062
319	10	Unbiased	23.492	23.372	-0.12
320	10	Unbiased	24.158	23.381	-0.777
321	10	Unbiased	23.375	24.239	0.864
322	10	Unbiased	23.979	24.069	0.09
323	30	Bias	23.895	23.938	0.043
324	30	Bias	23.738	23.82	0.082
325	30	Bias	23.997	24.142	0.145
326	30	Bias	23.993	24.156	0.163
327	30	Bias	23.67	23.656	-0.014
328	30	Unbiased	24.024	23.89	-0.134
329	30	Unbiased	24.589	24.616	0.027
330	30	Unbiased	24.177	24.007	-0.17
331	30	Unbiased	23.577	23.598	0.021
332	30	Unbiased	24.26	24.4	0.14
333	50	Bias	23.372	23.617	0.245
334	50	Bias	24.13	24.165	0.035
335	50	Bias	23.65	23.817	0.167
336	50	Bias	23.771	24.311	0.54
337	50	Bias	23.493	23.436	-0.057
338	50	Unbiased	23.207	23.419	0.212
339	50	Unbiased	23.327	23.516	0.189
340	50	Unbiased	23.684	23.581	-0.103
341	50	Unbiased	24.058	24.119	0.061
342	50	Unbiased	23.847	23.967	0.12
343	100	Bias	23.807	24.008	0.201
344	100	Bias	23.536	23.56	0.024
345	100	Bias	24.485	24.385	-0.1
346	100	Bias	23.771	23.3	-0.471
347	100	Bias	23.318	23.603	0.285
348	100	Unbiased	24.322	24.701	0.379
349	100	Unbiased	24.316	24.006	-0.31
350	100	Unbiased	24.259	24.208	-0.051
351	100	Unbiased	24.333	24.613	0.28
352	100	Unbiased	23.696	23.737	0.041

Test Statistics (ms)

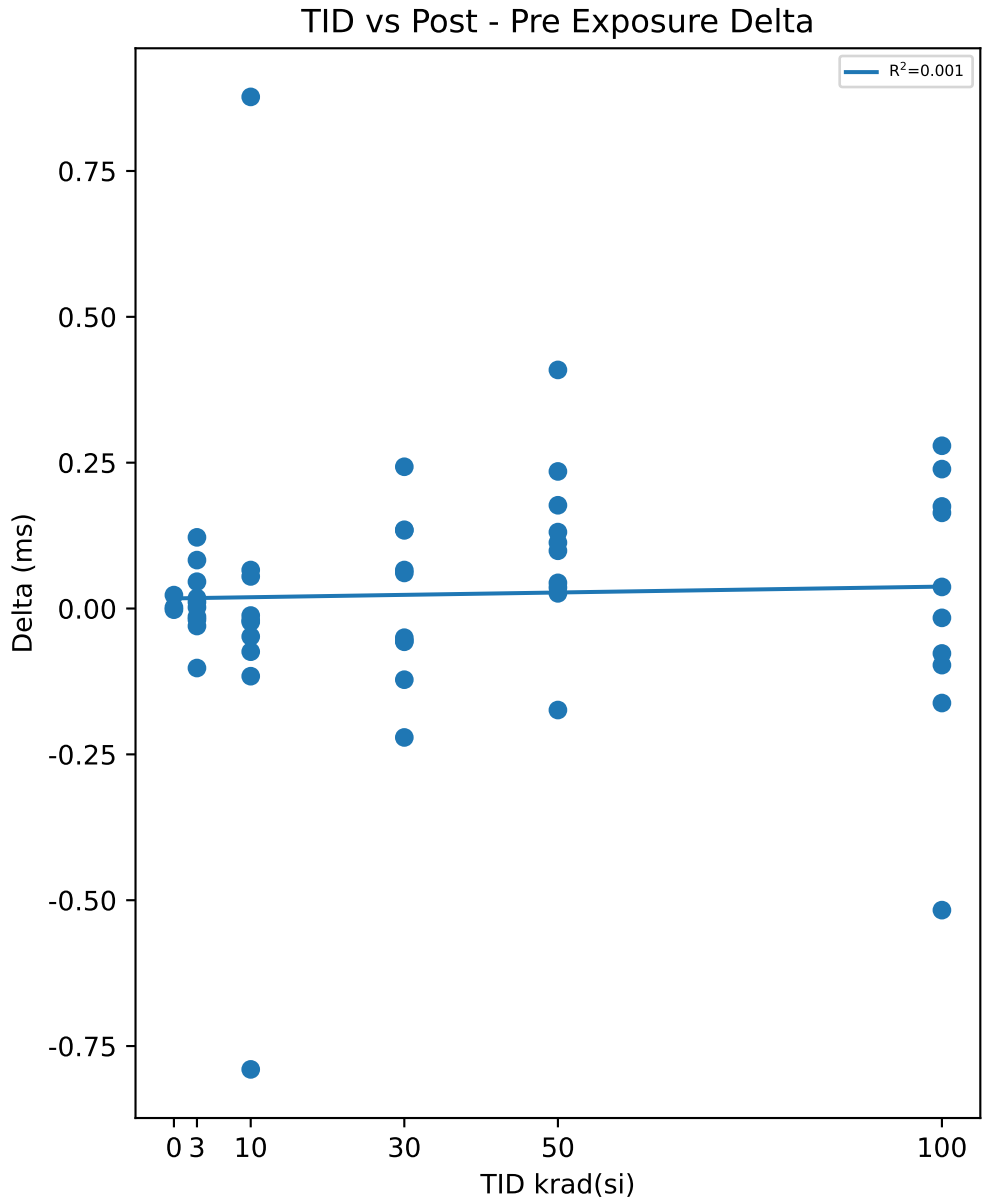
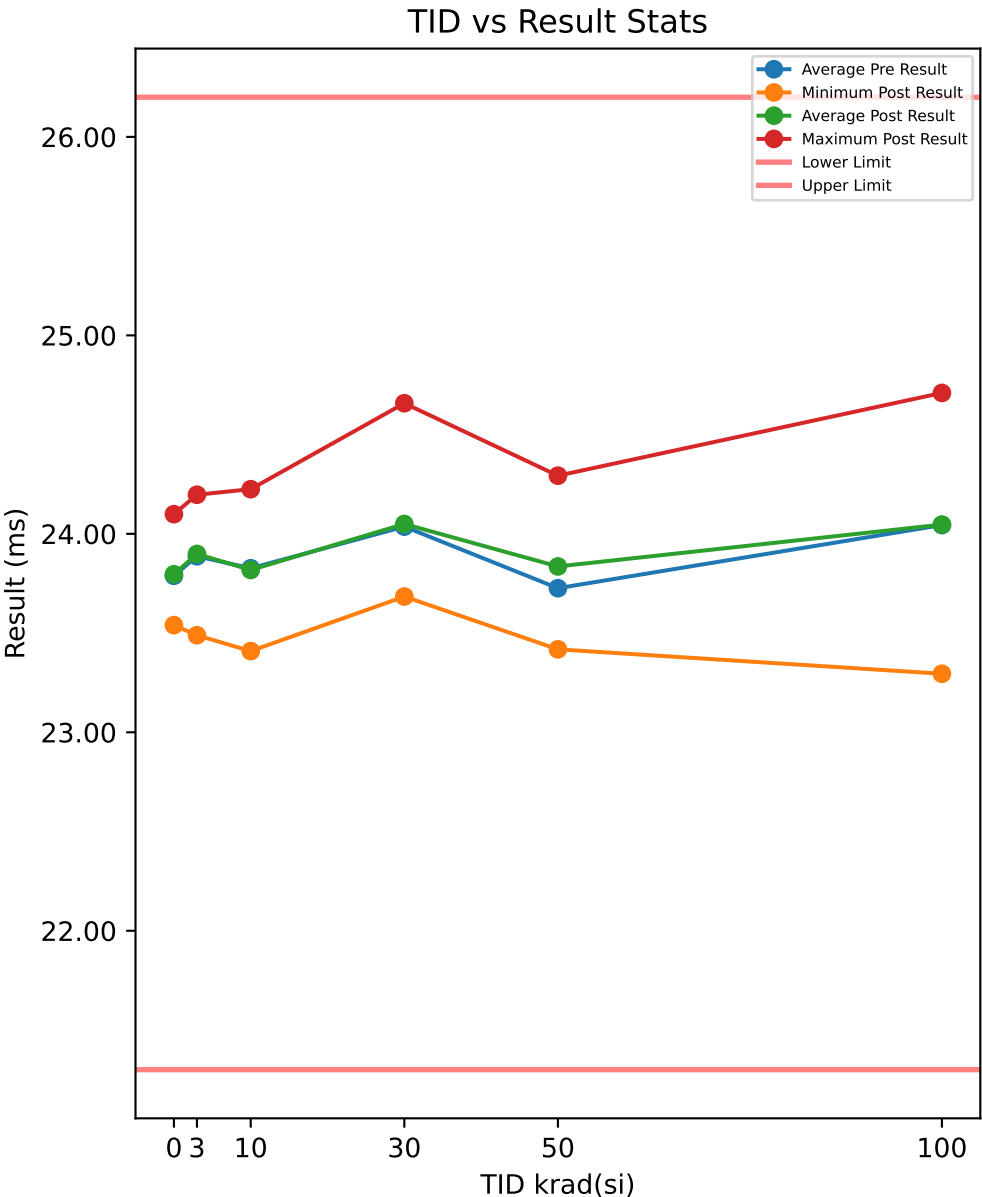
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.498	23.779	24.099	0.30233	23.546	23.755	24.013	0.23732	-0.086	-0.024333	0.048	0.067634
3	23.358	23.851	24.252	0.26634	23.389	23.859	24.145	0.24554	-0.121	0.0087	0.182	0.10224
10	23.375	23.788	24.221	0.33404	23.372	23.764	24.239	0.33915	-0.777	-0.0244	0.864	0.3954
30	23.577	23.992	24.589	0.30062	23.598	24.022	24.616	0.31751	-0.17	0.0303	0.163	0.11294
50	23.207	23.654	24.13	0.30801	23.419	23.795	24.311	0.32724	-0.103	0.1409	0.54	0.181
100	23.318	23.984	24.485	0.40508	23.3	24.012	24.701	0.46758	-0.471	0.0278	0.379	0.27259



Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.095	24.085	-0.01
301	0	Correlation	23.744	23.742	-0.002
302	0	Correlation	23.534	23.522	-0.012
303	3	Bias	23.746	23.76	0.014
304	3	Bias	23.806	23.926	0.12
305	3	Bias	24.157	24.128	-0.029
306	3	Bias	24.104	24.12	0.016
307	3	Bias	23.631	23.55	-0.081
308	3	Unbiased	23.413	23.491	0.078
309	3	Unbiased	24.294	24.211	-0.083
310	3	Unbiased	24.137	24.105	-0.032
311	3	Unbiased	23.751	23.824	0.073
312	3	Unbiased	23.826	23.809	-0.017
313	10	Bias	23.501	23.439	-0.062
314	10	Bias	23.855	23.756	-0.099
315	10	Bias	23.414	23.436	0.022
316	10	Bias	23.891	23.976	0.085
317	10	Bias	24.21	24.199	-0.011
318	10	Unbiased	24.168	24.102	-0.066
319	10	Unbiased	23.428	23.37	-0.058
320	10	Unbiased	24.234	23.428	-0.806
321	10	Unbiased	23.311	24.243	0.932
322	10	Unbiased	24.126	24.165	0.039
323	30	Bias	24.001	23.881	-0.12
324	30	Bias	23.847	23.785	-0.062
325	30	Bias	24.065	24.114	0.049
326	30	Bias	23.941	24.2	0.259
327	30	Bias	23.618	23.696	0.078
328	30	Unbiased	23.987	23.934	-0.053
329	30	Unbiased	24.67	24.67	0
330	30	Unbiased	24.215	24.019	-0.196
331	30	Unbiased	23.56	23.693	0.133
332	30	Unbiased	24.332	24.468	0.136
333	50	Bias	23.445	23.598	0.153
334	50	Bias	24.219	24.251	0.032
335	50	Bias	23.759	23.786	0.027
336	50	Bias	23.878	24.285	0.407
337	50	Bias	23.598	23.392	-0.206
338	50	Unbiased	23.244	23.496	0.252
339	50	Unbiased	23.424	23.611	0.187
340	50	Unbiased	23.667	23.711	0.044
341	50	Unbiased	24.079	24.181	0.102
342	50	Unbiased	23.88	23.978	0.098
343	100	Bias	23.907	24.113	0.206
344	100	Bias	23.628	23.567	-0.061
345	100	Bias	24.582	24.467	-0.115
346	100	Bias	23.8	23.301	-0.499
347	100	Bias	23.412	23.568	0.156
348	100	Unbiased	24.35	24.803	0.453
349	100	Unbiased	24.265	24.155	-0.11
350	100	Unbiased	24.205	24.172	-0.033
351	100	Unbiased	24.425	24.683	0.258
352	100	Unbiased	23.685	23.737	0.052

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.534	23.791	24.095	0.28344	23.522	23.783	24.085	0.28373	-0.012	-0.008	-0.002	0.0052915
3	23.413	23.887	24.294	0.27629	23.491	23.892	24.211	0.25004	-0.083	0.0059	0.12	0.067922
10	23.311	23.814	24.234	0.3687	23.37	23.811	24.243	0.36478	-0.806	-0.0024	0.932	0.41485
30	23.56	24.024	24.67	0.32839	23.693	24.046	24.67	0.32515	-0.196	0.0224	0.259	0.13589
50	23.244	23.719	24.219	0.30505	23.392	23.829	24.285	0.325	-0.206	0.1096	0.407	0.16109
100	23.412	24.026	24.582	0.39149	23.301	24.057	24.803	0.50504	-0.499	0.0307	0.453	0.26055

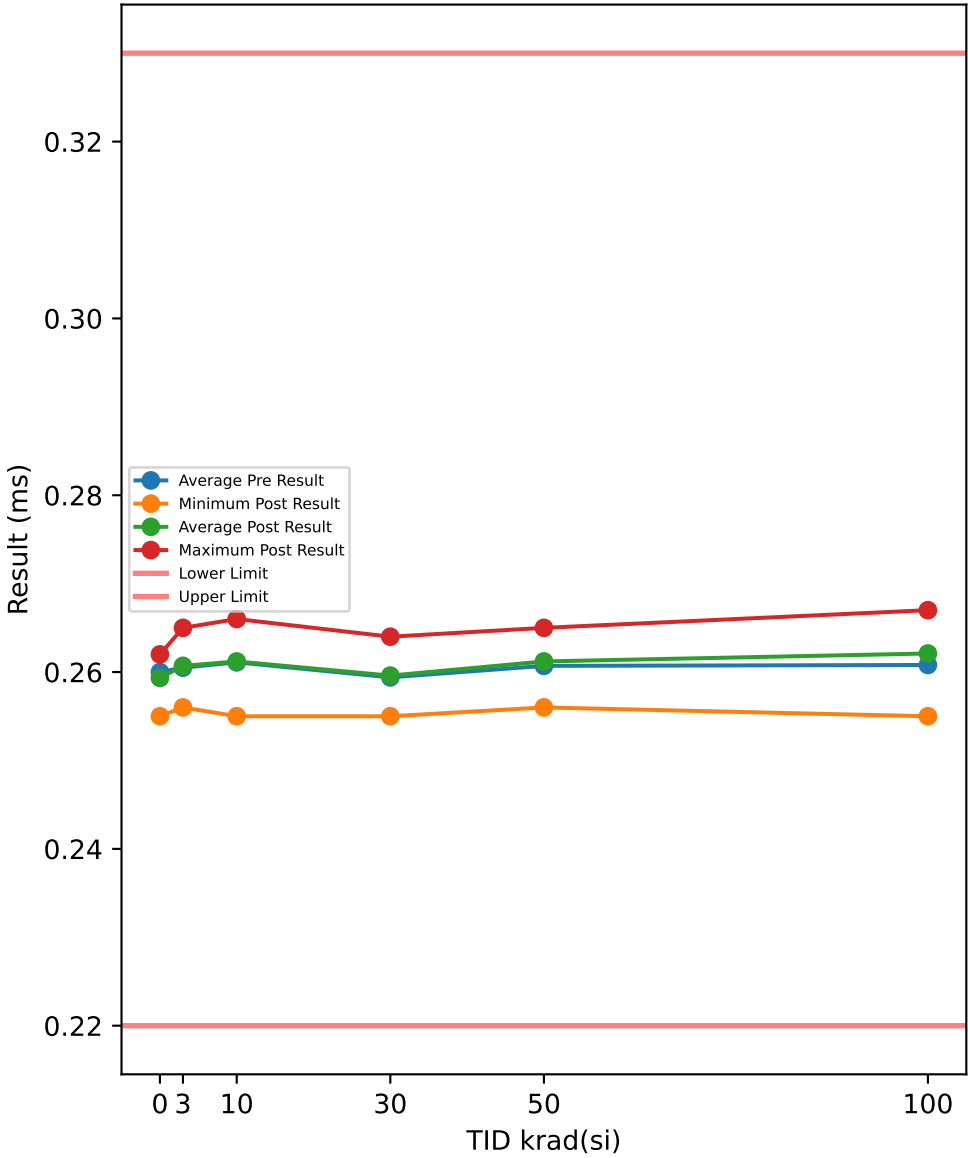


Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.076	24.099	0.023
301	0	Correlation	23.752	23.75	-0.002
302	0	Correlation	23.538	23.54	0.002
303	3	Bias	23.744	23.755	0.011
304	3	Bias	23.81	23.932	0.122
305	3	Bias	24.141	24.127	-0.014
306	3	Bias	24.111	24.129	0.018
307	3	Bias	23.618	23.588	-0.03
308	3	Unbiased	23.406	23.489	0.083
309	3	Unbiased	24.299	24.197	-0.102
310	3	Unbiased	24.122	24.124	0.002
311	3	Unbiased	23.785	23.831	0.046
312	3	Unbiased	23.833	23.814	-0.019
313	10	Bias	23.507	23.459	-0.048
314	10	Bias	23.861	23.745	-0.116
315	10	Bias	23.44	23.417	-0.023
316	10	Bias	23.904	23.97	0.066
317	10	Bias	24.215	24.203	-0.012
318	10	Unbiased	24.181	24.107	-0.074
319	10	Unbiased	23.429	23.409	-0.02
320	10	Unbiased	24.24	23.45	-0.79
321	10	Unbiased	23.348	24.225	0.877
322	10	Unbiased	24.139	24.194	0.055
323	30	Bias	24.004	23.882	-0.122
324	30	Bias	23.855	23.798	-0.057
325	30	Bias	24.07	24.136	0.066
326	30	Bias	23.963	24.206	0.243
327	30	Bias	23.623	23.684	0.061
328	30	Unbiased	23.993	23.943	-0.05
329	30	Unbiased	24.713	24.658	-0.055
330	30	Unbiased	24.247	24.026	-0.221
331	30	Unbiased	23.551	23.686	0.135
332	30	Unbiased	24.343	24.477	0.134
333	50	Bias	23.475	23.606	0.131
334	50	Bias	24.224	24.25	0.026
335	50	Bias	23.76	23.796	0.036
336	50	Bias	23.884	24.293	0.409
337	50	Bias	23.592	23.418	-0.174
338	50	Unbiased	23.252	23.487	0.235
339	50	Unbiased	23.44	23.617	0.177
340	50	Unbiased	23.674	23.718	0.044
341	50	Unbiased	24.075	24.188	0.113
342	50	Unbiased	23.885	23.984	0.099
343	100	Bias	23.913	24.088	0.175
344	100	Bias	23.602	23.586	-0.016
345	100	Bias	24.589	24.492	-0.097
346	100	Bias	23.812	23.295	-0.517
347	100	Bias	23.418	23.582	0.164
348	100	Unbiased	24.387	24.626	0.239
349	100	Unbiased	24.328	24.166	-0.162
350	100	Unbiased	24.254	24.177	-0.077
351	100	Unbiased	24.431	24.71	0.279
352	100	Unbiased	23.707	23.744	0.037

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.538	23.789	24.076	0.27087	23.54	23.796	24.099	0.28237	-0.002	0.0076667	0.023	0.013429
3	23.406	23.887	24.299	0.2755	23.489	23.899	24.197	0.24558	-0.102	0.0117	0.122	0.062209
10	23.348	23.826	24.24	0.36376	23.409	23.818	24.225	0.35895	-0.79	-0.0085	0.877	0.39752
30	23.551	24.036	24.713	0.34075	23.684	24.05	24.658	0.32556	-0.221	0.0134	0.243	0.13905
50	23.252	23.726	24.224	0.30025	23.418	23.836	24.293	0.323	-0.174	0.1096	0.409	0.15189
100	23.418	24.044	24.589	0.40291	23.295	24.047	24.71	0.48208	-0.517	0.0025	0.279	0.23639

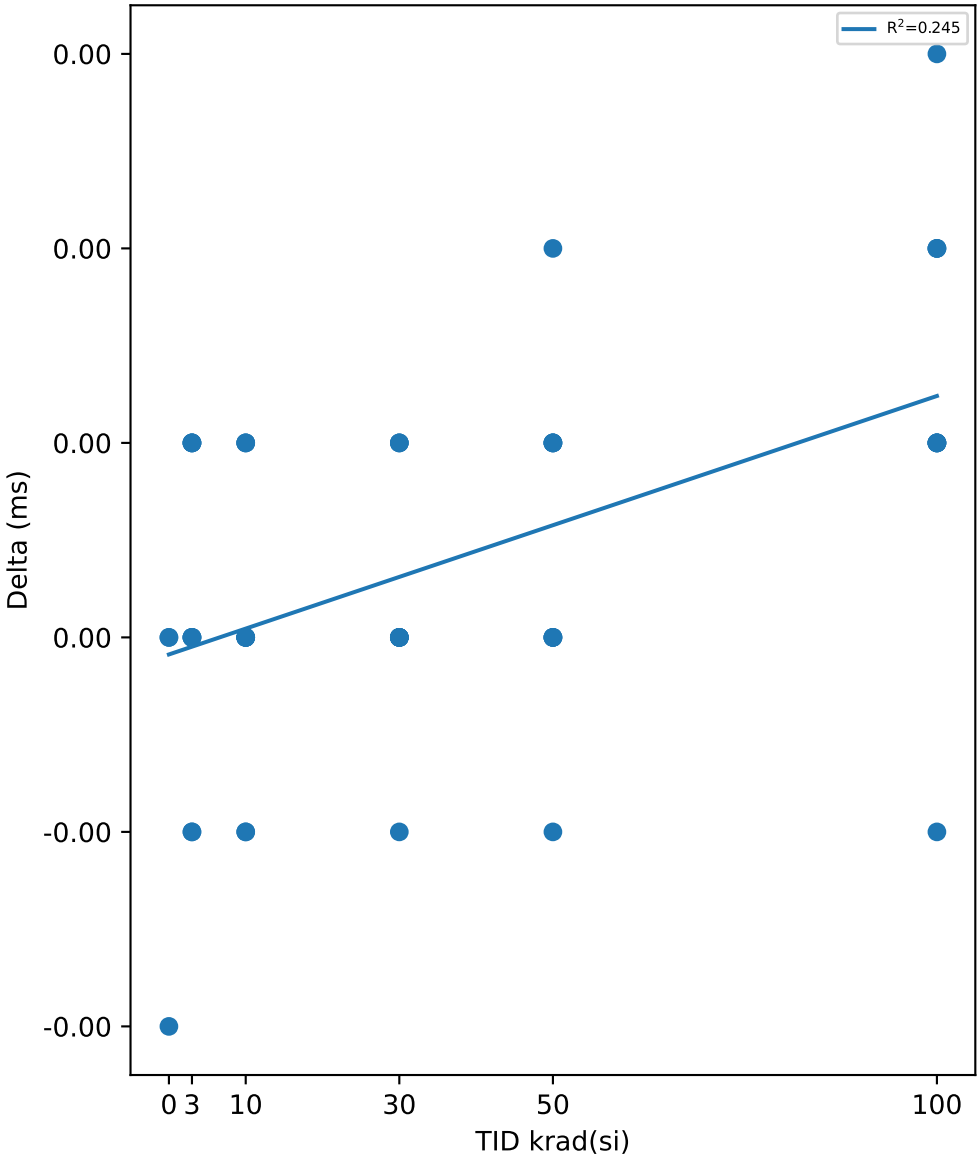
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.264	0.262	-0.002
301	0	Correlation	0.261	0.261	0
302	0	Correlation	0.255	0.255	0
303	3	Bias	0.256	0.256	0
304	3	Bias	0.255	0.256	0.001
305	3	Bias	0.264	0.264	0
306	3	Bias	0.263	0.263	0
307	3	Bias	0.264	0.263	-0.001
308	3	Unbiased	0.263	0.262	-0.001
309	3	Unbiased	0.265	0.265	0
310	3	Unbiased	0.264	0.265	0.001
311	3	Unbiased	0.256	0.257	0.001
312	3	Unbiased	0.255	0.256	0.001
313	10	Bias	0.256	0.257	0.001
314	10	Bias	0.256	0.255	-0.001
315	10	Bias	0.256	0.256	0
316	10	Bias	0.264	0.263	-0.001
317	10	Bias	0.264	0.264	0
318	10	Unbiased	0.265	0.265	0
319	10	Unbiased	0.255	0.256	0.001
320	10	Unbiased	0.265	0.265	0
321	10	Unbiased	0.265	0.266	0.001
322	10	Unbiased	0.265	0.265	0
323	30	Bias	0.256	0.257	0.001
324	30	Bias	0.256	0.256	0
325	30	Bias	0.262	0.263	0.001
326	30	Bias	0.261	0.261	0
327	30	Bias	0.254	0.255	0.001
328	30	Unbiased	0.264	0.263	-0.001
329	30	Unbiased	0.258	0.258	0
330	30	Unbiased	0.255	0.255	0
331	30	Unbiased	0.264	0.264	0
332	30	Unbiased	0.264	0.264	0
333	50	Bias	0.262	0.263	0.001
334	50	Bias	0.263	0.264	0.001
335	50	Bias	0.256	0.256	0
336	50	Bias	0.262	0.264	0.002
337	50	Bias	0.256	0.257	0.001
338	50	Unbiased	0.261	0.262	0.001
339	50	Unbiased	0.26	0.26	0
340	50	Unbiased	0.265	0.264	-0.001
341	50	Unbiased	0.265	0.265	0
342	50	Unbiased	0.257	0.257	0
343	100	Bias	0.263	0.265	0.002
344	100	Bias	0.262	0.263	0.001
345	100	Bias	0.256	0.259	0.003
346	100	Bias	0.257	0.258	0.001
347	100	Bias	0.258	0.259	0.001
348	100	Unbiased	0.265	0.267	0.002
349	100	Unbiased	0.256	0.255	-0.001
350	100	Unbiased	0.265	0.266	0.001
351	100	Unbiased	0.264	0.265	0.001
352	100	Unbiased	0.262	0.264	0.002

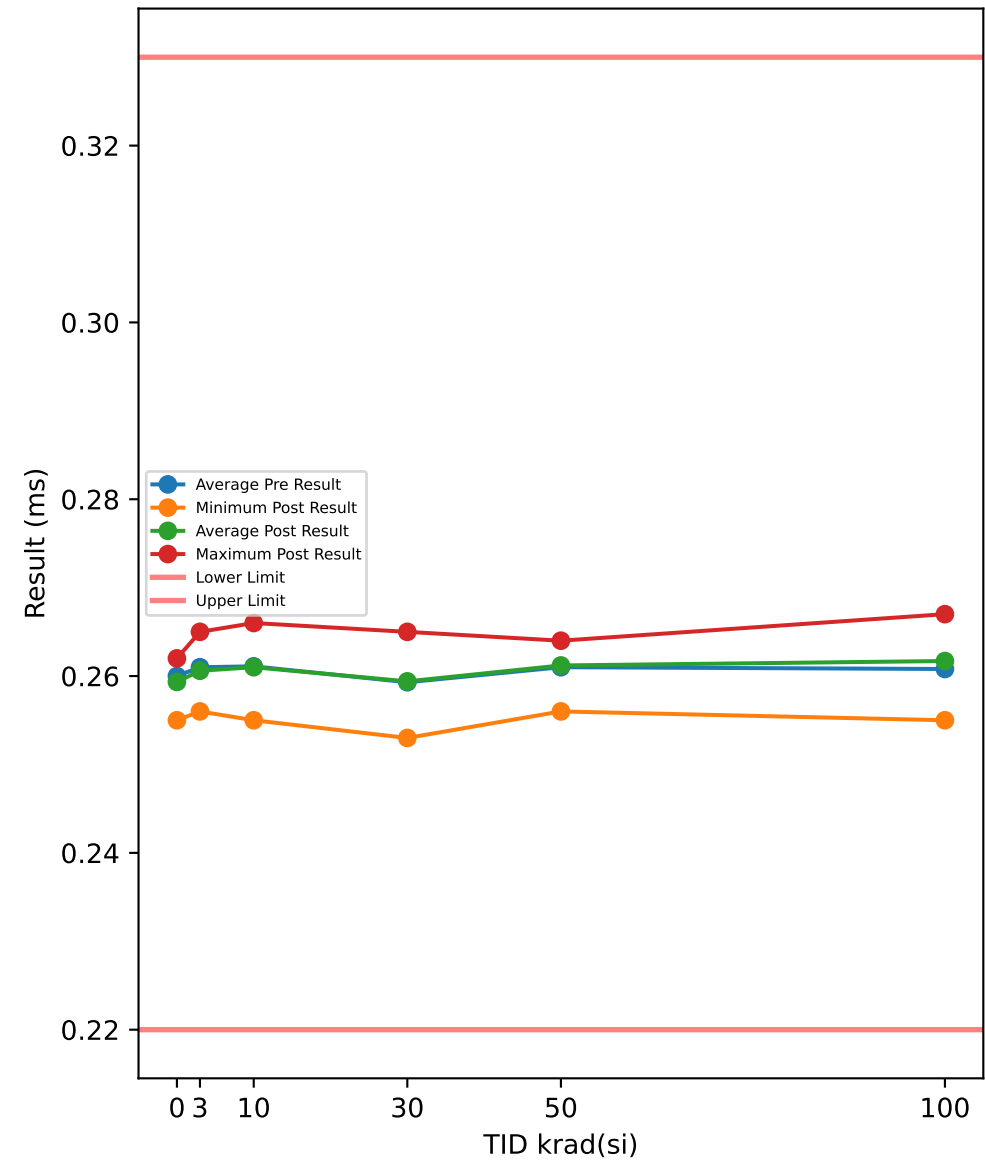
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.255	0.26	0.264	0.0045826	0.255	0.25933	0.262	0.0037859	-0.002	-0.00066667	0	0.0011547
3	0.255	0.2605	0.265	0.0043525	0.256	0.2607	0.265	0.0039455	-0.001	0.0002	0.001	0.00078881
10	0.255	0.2611	0.265	0.0046296	0.255	0.2612	0.266	0.0045656	-0.001	0.0001	0.001	0.00073786
30	0.254	0.2594	0.264	0.0040332	0.255	0.2596	0.264	0.0037771	-0.001	0.0002	0.001	0.00063246
50	0.256	0.2607	0.265	0.003401	0.256	0.2612	0.265	0.0034254	-0.001	0.0005	0.002	0.00084984
100	0.256	0.2608	0.265	0.0036757	0.255	0.2621	0.267	0.0040401	-0.001	0.0013	0.003	0.0010593

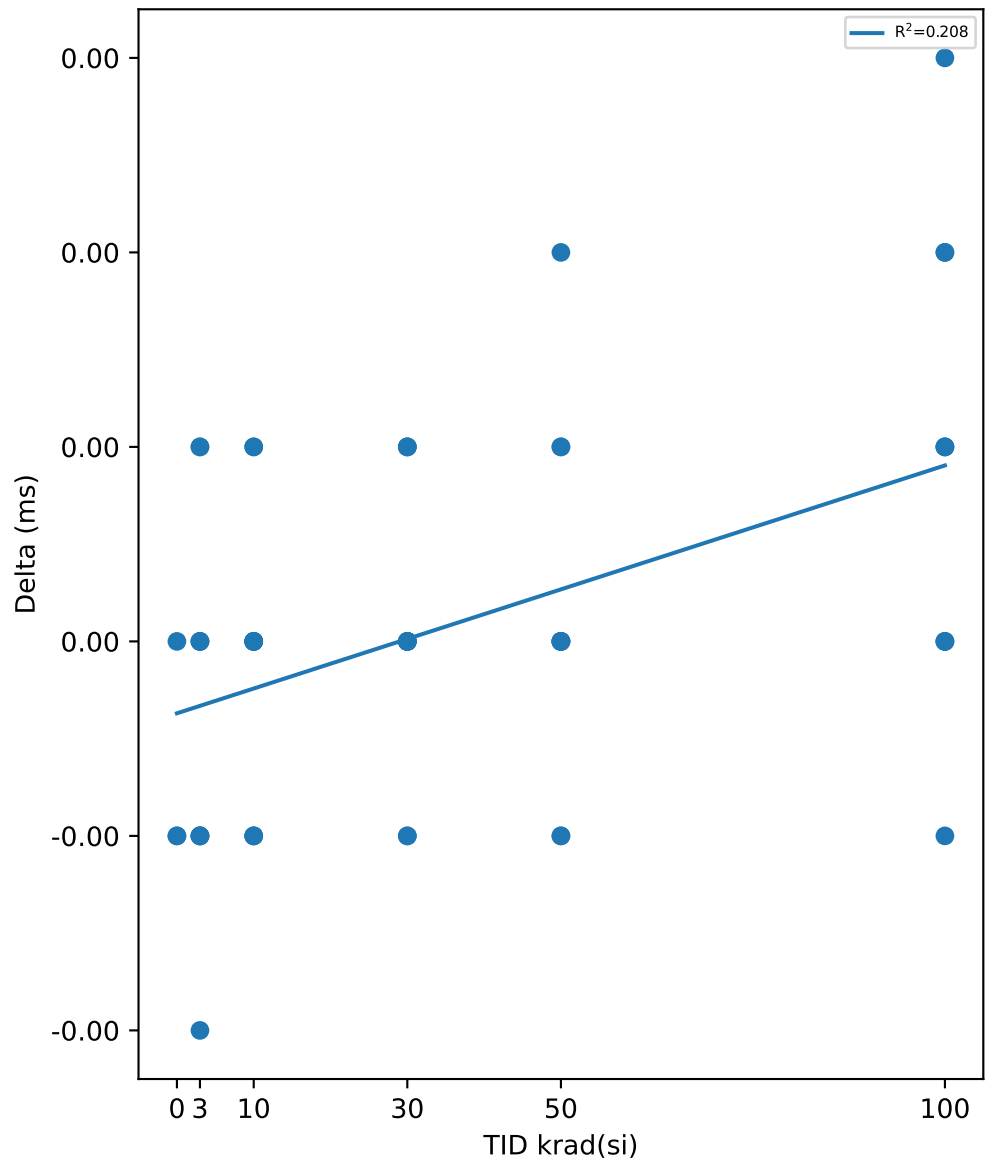
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.263	0.262	-0.001
301	0	Correlation	0.262	0.261	-0.001
302	0	Correlation	0.255	0.255	0
303	3	Bias	0.256	0.257	0.001
304	3	Bias	0.256	0.256	0
305	3	Bias	0.265	0.264	-0.001
306	3	Bias	0.263	0.263	0
307	3	Bias	0.264	0.262	-0.002
308	3	Unbiased	0.263	0.262	-0.001
309	3	Unbiased	0.265	0.265	0
310	3	Unbiased	0.265	0.264	-0.001
311	3	Unbiased	0.256	0.257	0.001
312	3	Unbiased	0.257	0.256	-0.001
313	10	Bias	0.255	0.255	0
314	10	Bias	0.254	0.255	0.001
315	10	Bias	0.256	0.255	-0.001
316	10	Bias	0.263	0.263	0
317	10	Bias	0.265	0.264	-0.001
318	10	Unbiased	0.266	0.265	-0.001
319	10	Unbiased	0.256	0.256	0
320	10	Unbiased	0.266	0.266	0
321	10	Unbiased	0.265	0.266	0.001
322	10	Unbiased	0.265	0.265	0
323	30	Bias	0.256	0.256	0
324	30	Bias	0.256	0.256	0
325	30	Bias	0.264	0.263	-0.001
326	30	Bias	0.261	0.262	0.001
327	30	Bias	0.254	0.253	-0.001
328	30	Unbiased	0.263	0.263	0
329	30	Unbiased	0.257	0.257	0
330	30	Unbiased	0.255	0.255	0
331	30	Unbiased	0.264	0.265	0.001
332	30	Unbiased	0.263	0.264	0.001
333	50	Bias	0.262	0.263	0.001
334	50	Bias	0.264	0.264	0
335	50	Bias	0.256	0.256	0
336	50	Bias	0.262	0.264	0.002
337	50	Bias	0.257	0.256	-0.001
338	50	Unbiased	0.262	0.262	0
339	50	Unbiased	0.26	0.261	0.001
340	50	Unbiased	0.264	0.264	0
341	50	Unbiased	0.264	0.264	0
342	50	Unbiased	0.259	0.258	-0.001
343	100	Bias	0.263	0.265	0.002
344	100	Bias	0.262	0.263	0.001
345	100	Bias	0.257	0.258	0.001
346	100	Bias	0.258	0.257	-0.001
347	100	Bias	0.256	0.259	0.003
348	100	Unbiased	0.265	0.267	0.002
349	100	Unbiased	0.255	0.255	0
350	100	Unbiased	0.266	0.267	0.001
351	100	Unbiased	0.264	0.264	0
352	100	Unbiased	0.262	0.262	0

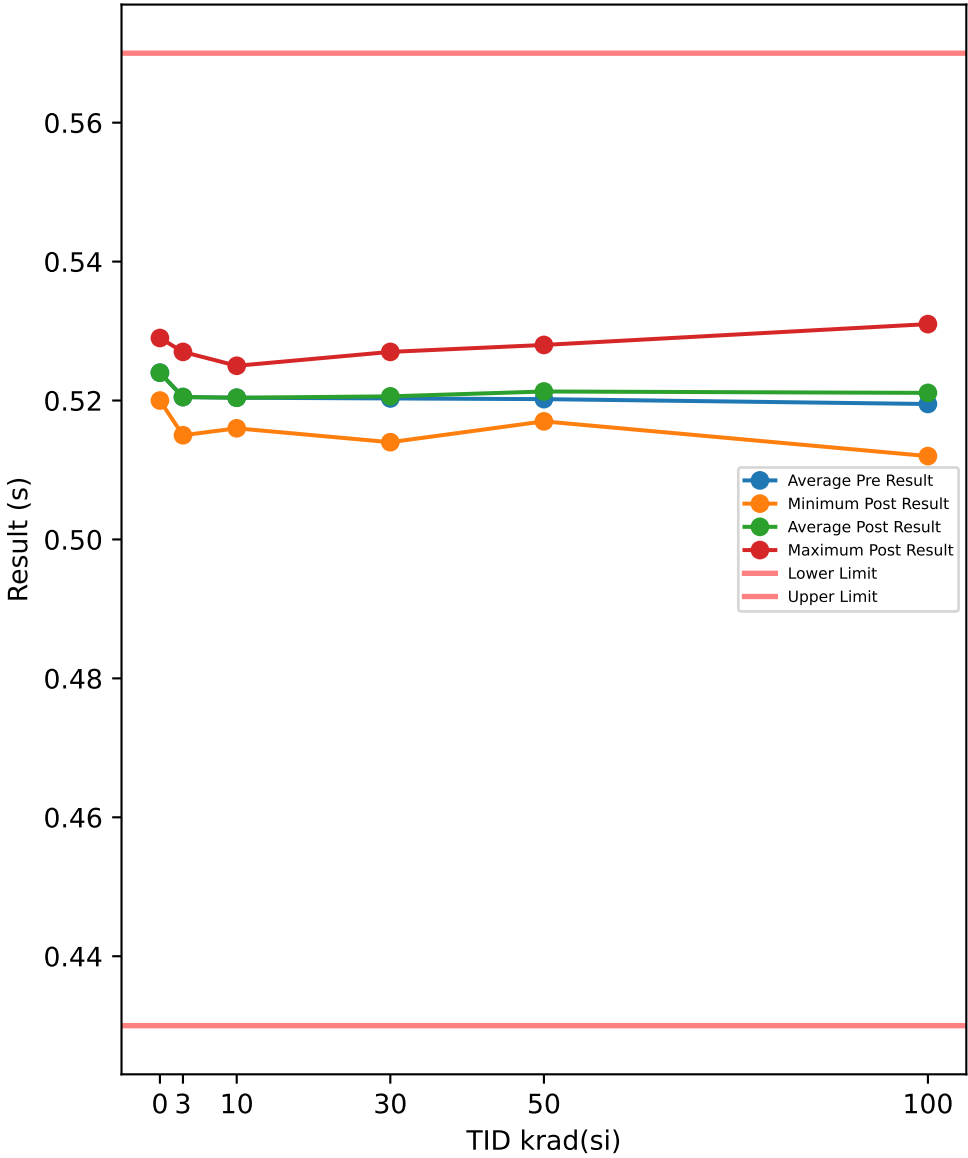
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.255	0.26	0.263	0.0043589	0.255	0.25933	0.262	0.0037859	-0.001	-0.00066667	0	0.00057735
3	0.256	0.261	0.265	0.0041633	0.256	0.2606	0.265	0.0036576	-0.002	-0.0004	0.001	0.00096609
10	0.254	0.2611	0.266	0.0051305	0.255	0.261	0.266	0.0050332	-0.001	-0.0001	0.001	0.00073786
30	0.254	0.2593	0.264	0.0040565	0.253	0.2594	0.265	0.004402	-0.001	0.0001	0.001	0.00073786
50	0.256	0.261	0.264	0.0029059	0.256	0.2612	0.264	0.0033267	-0.001	0.0002	0.002	0.00091894
100	0.255	0.2608	0.266	0.0039665	0.255	0.2617	0.267	0.0042439	-0.001	0.0009	0.003	0.0011972

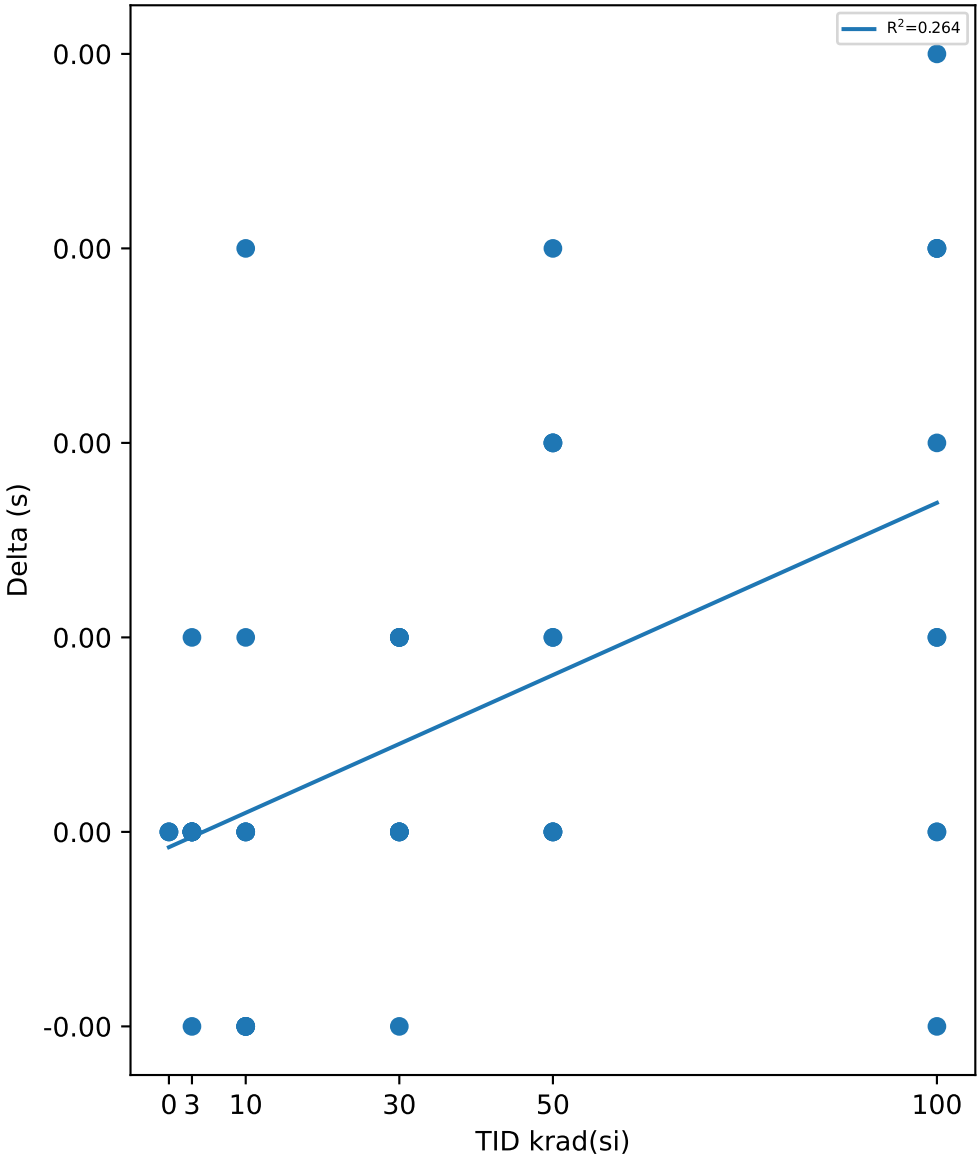
TID vs Result Stats



Test Results (Lower Limit = 0.43, Upper Limit = 0.57 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.529	0.529	0
301	0	Correlation	0.52	0.52	0
302	0	Correlation	0.523	0.523	0
303	3	Bias	0.526	0.527	0.001
304	3	Bias	0.519	0.519	0
305	3	Bias	0.516	0.515	-0.001
306	3	Bias	0.521	0.521	0
307	3	Bias	0.519	0.519	0
308	3	Unbiased	0.523	0.523	0
309	3	Unbiased	0.519	0.519	0
310	3	Unbiased	0.52	0.52	0
311	3	Unbiased	0.521	0.521	0
312	3	Unbiased	0.521	0.521	0
313	10	Bias	0.515	0.516	0.001
314	10	Bias	0.522	0.521	-0.001
315	10	Bias	0.523	0.523	0
316	10	Bias	0.519	0.519	0
317	10	Bias	0.518	0.518	0
318	10	Unbiased	0.522	0.521	-0.001
319	10	Unbiased	0.521	0.521	0
320	10	Unbiased	0.518	0.521	0.003
321	10	Unbiased	0.52	0.519	-0.001
322	10	Unbiased	0.526	0.525	-0.001
323	30	Bias	0.516	0.515	-0.001
324	30	Bias	0.513	0.514	0.001
325	30	Bias	0.527	0.527	0
326	30	Bias	0.519	0.52	0.001
327	30	Bias	0.517	0.517	0
328	30	Unbiased	0.523	0.524	0.001
329	30	Unbiased	0.52	0.52	0
330	30	Unbiased	0.523	0.523	0
331	30	Unbiased	0.522	0.523	0.001
332	30	Unbiased	0.523	0.523	0
333	50	Bias	0.52	0.52	0
334	50	Bias	0.519	0.519	0
335	50	Bias	0.527	0.528	0.001
336	50	Bias	0.517	0.517	0
337	50	Bias	0.518	0.52	0.002
338	50	Unbiased	0.519	0.52	0.001
339	50	Unbiased	0.518	0.52	0.002
340	50	Unbiased	0.521	0.523	0.002
341	50	Unbiased	0.517	0.52	0.003
342	50	Unbiased	0.526	0.526	0
343	100	Bias	0.521	0.52	-0.001
344	100	Bias	0.512	0.512	0
345	100	Bias	0.517	0.518	0.001
346	100	Bias	0.518	0.522	0.004
347	100	Bias	0.528	0.531	0.003
348	100	Unbiased	0.514	0.516	0.002
349	100	Unbiased	0.518	0.518	0
350	100	Unbiased	0.524	0.527	0.003
351	100	Unbiased	0.519	0.522	0.003
352	100	Unbiased	0.524	0.525	0.001

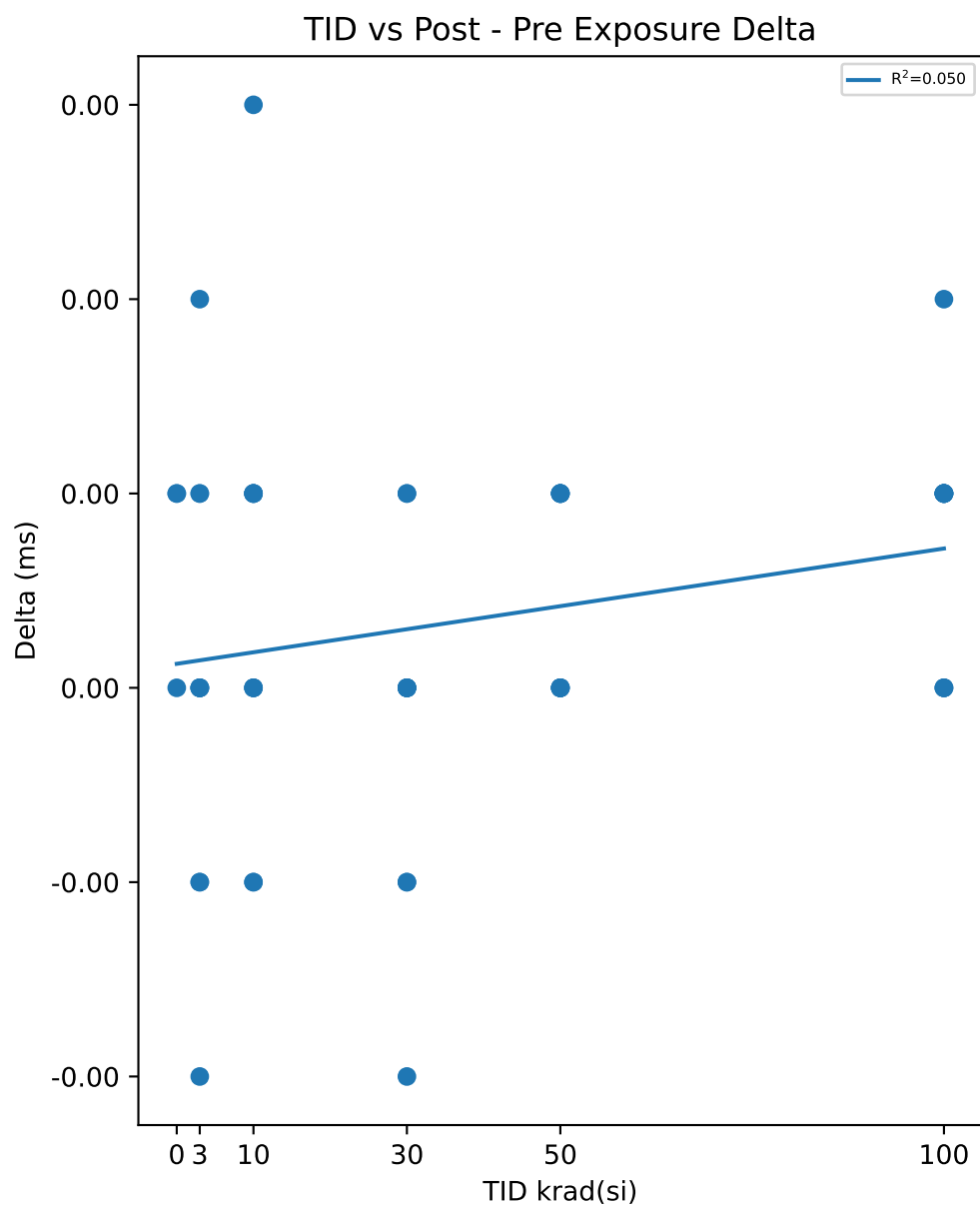
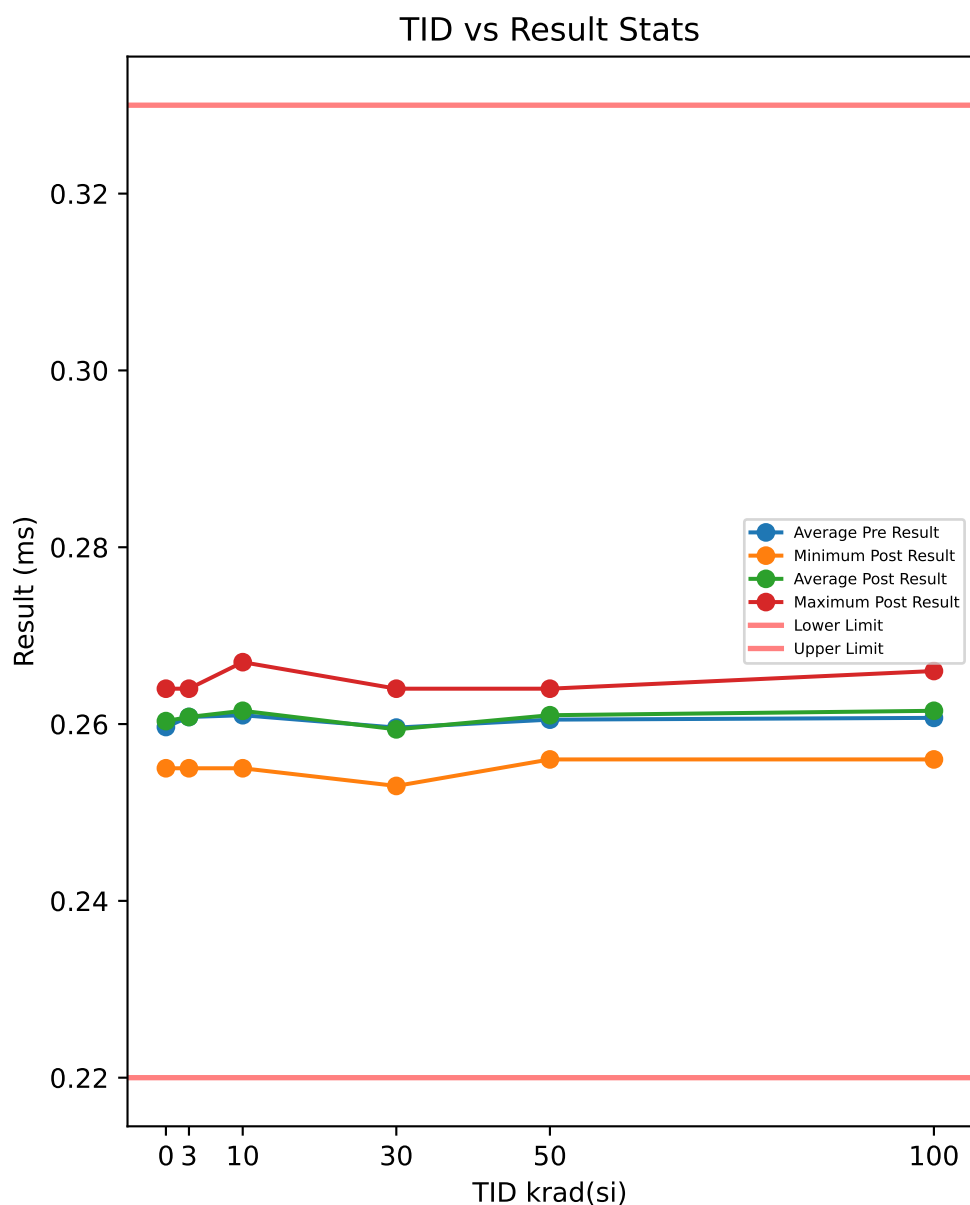
TID vs Post - Pre Exposure Delta



Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.52	0.524	0.529	0.0045826	0.52	0.524	0.529	0.0045826	0	0	0	0
3	0.516	0.5205	0.526	0.0026771	0.515	0.5205	0.527	0.0031002	-0.001	0	0.001	0.0004714
10	0.515	0.5204	0.526	0.0030984	0.516	0.5204	0.525	0.0025473	-0.001	0	0.003	0.0012472
30	0.513	0.5203	0.527	0.0041379	0.514	0.5206	0.527	0.0041952	-0.001	0.0003	0.001	0.00067495
50	0.517	0.5202	0.527	0.0035528	0.517	0.5213	0.528	0.0033682	0	0.0011	0.003	0.0011005
100	0.512	0.5195	0.528	0.0048591	0.512	0.5211	0.531	0.0055668	-0.001	0.0016	0.004	0.0016465

Device Test: 5.41 ; DLY_TMR_10KOHM



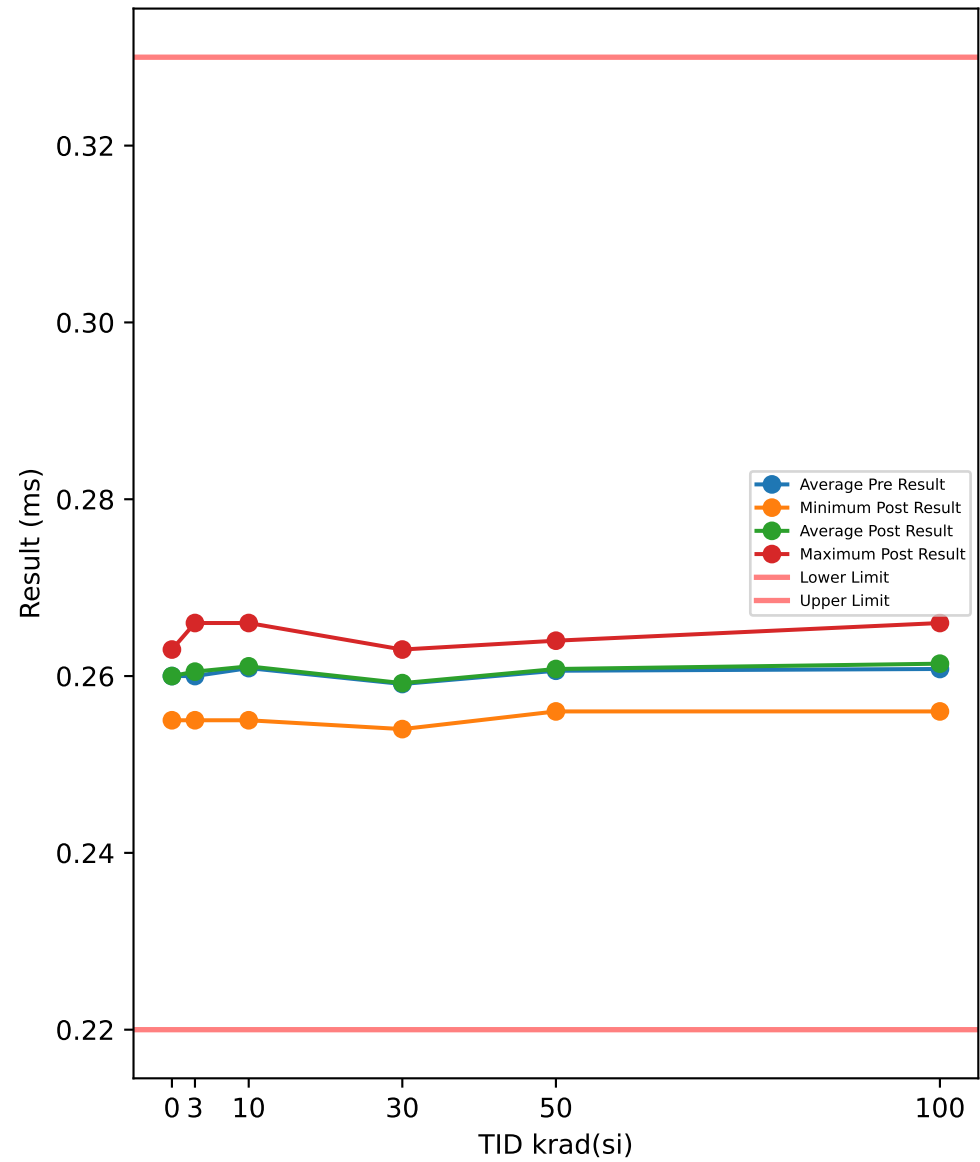
Test Results (Lower Limit = 0.22
Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.264	0.264	0
301	0	Correlation	0.261	0.262	0.001
302	0	Correlation	0.254	0.255	0.001
303	3	Bias	0.257	0.257	0
304	3	Bias	0.256	0.255	-0.001
305	3	Bias	0.264	0.264	0
306	3	Bias	0.263	0.264	0.001
307	3	Bias	0.264	0.264	0
308	3	Unbiased	0.261	0.263	0.002
309	3	Unbiased	0.266	0.264	-0.002
310	3	Unbiased	0.265	0.264	-0.001
311	3	Unbiased	0.257	0.257	0
312	3	Unbiased	0.255	0.256	0.001
313	10	Bias	0.256	0.255	-0.001
314	10	Bias	0.255	0.256	0.001
315	10	Bias	0.255	0.256	0.001
316	10	Bias	0.262	0.263	0.001
317	10	Bias	0.265	0.265	0
318	10	Unbiased	0.267	0.267	0
319	10	Unbiased	0.257	0.257	0
320	10	Unbiased	0.265	0.264	-0.001
321	10	Unbiased	0.263	0.266	0.003
322	10	Unbiased	0.265	0.266	0.001
323	30	Bias	0.256	0.257	0.001
324	30	Bias	0.256	0.256	0
325	30	Bias	0.264	0.264	0
326	30	Bias	0.262	0.261	-0.001
327	30	Bias	0.255	0.253	-0.002
328	30	Unbiased	0.263	0.263	0
329	30	Unbiased	0.258	0.257	-0.001
330	30	Unbiased	0.254	0.255	0.001
331	30	Unbiased	0.264	0.264	0
332	30	Unbiased	0.264	0.264	0
333	50	Bias	0.261	0.262	0.001
334	50	Bias	0.263	0.263	0
335	50	Bias	0.256	0.257	0.001
336	50	Bias	0.263	0.264	0.001
337	50	Bias	0.256	0.256	0
338	50	Unbiased	0.261	0.262	0.001
339	50	Unbiased	0.26	0.26	0
340	50	Unbiased	0.264	0.264	0
341	50	Unbiased	0.264	0.264	0
342	50	Unbiased	0.257	0.258	0.001
343	100	Bias	0.263	0.265	0.002
344	100	Bias	0.263	0.263	0
345	100	Bias	0.257	0.258	0.001
346	100	Bias	0.257	0.257	0
347	100	Bias	0.256	0.257	0.001
348	100	Unbiased	0.265	0.266	0.001
349	100	Unbiased	0.255	0.256	0.001
350	100	Unbiased	0.265	0.266	0.001
351	100	Unbiased	0.264	0.264	0
352	100	Unbiased	0.262	0.263	0.001

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.254	0.25967	0.264	0.0051316	0.255	0.26033	0.264	0.0047258	0	0.00066667	0.001	0.00057735
3	0.255	0.2608	0.266	0.004158	0.255	0.2608	0.264	0.0039665	-0.002	0	0.002	0.0011547
10	0.255	0.261	0.267	0.0047376	0.255	0.2615	0.267	0.0048819	-0.001	0.0005	0.003	0.0011785
30	0.254	0.2596	0.264	0.0041687	0.253	0.2594	0.264	0.0042479	-0.002	-0.0002	0.001	0.00091894
50	0.256	0.2605	0.264	0.003171	0.256	0.261	0.264	0.0030551	0	0.0005	0.001	0.00052705
100	0.255	0.2607	0.265	0.0039735	0.256	0.2615	0.266	0.0040346	0	0.0008	0.002	0.00063246

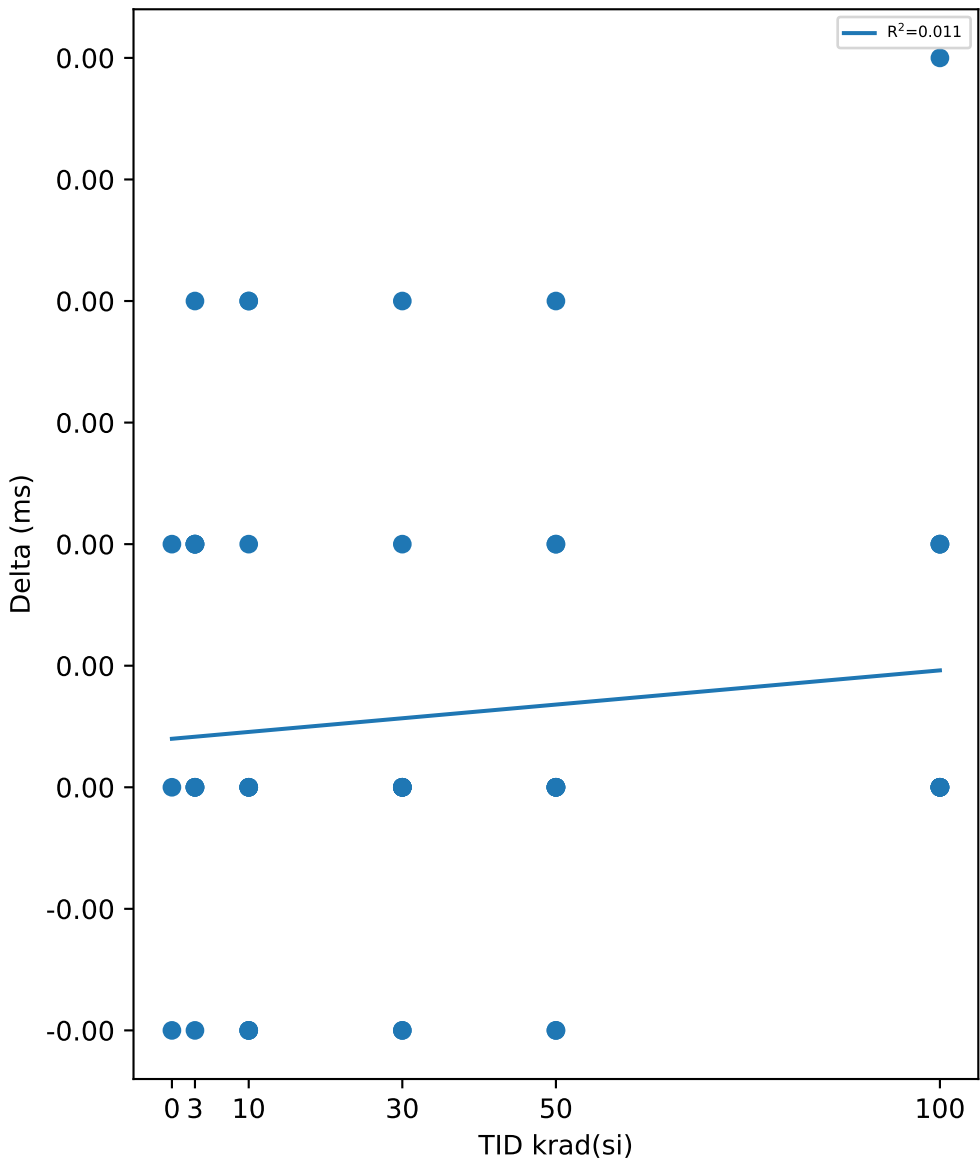
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.264	0.263	-0.001
301	0	Correlation	0.261	0.262	0.001
302	0	Correlation	0.255	0.255	0
303	3	Bias	0.256	0.256	0
304	3	Bias	0.254	0.255	0.001
305	3	Bias	0.263	0.264	0.001
306	3	Bias	0.263	0.262	-0.001
307	3	Bias	0.263	0.263	0
308	3	Unbiased	0.262	0.262	0
309	3	Unbiased	0.265	0.266	0.001
310	3	Unbiased	0.263	0.265	0.002
311	3	Unbiased	0.256	0.256	0
312	3	Unbiased	0.255	0.256	0.001
313	10	Bias	0.257	0.256	-0.001
314	10	Bias	0.256	0.255	-0.001
315	10	Bias	0.255	0.257	0.002
316	10	Bias	0.263	0.263	0
317	10	Bias	0.265	0.265	0
318	10	Unbiased	0.265	0.265	0
319	10	Unbiased	0.255	0.255	0
320	10	Unbiased	0.265	0.264	-0.001
321	10	Unbiased	0.263	0.265	0.002
322	10	Unbiased	0.265	0.266	0.001
323	30	Bias	0.256	0.256	0
324	30	Bias	0.255	0.256	0.001
325	30	Bias	0.263	0.263	0
326	30	Bias	0.261	0.263	0.002
327	30	Bias	0.254	0.254	0
328	30	Unbiased	0.264	0.263	-0.001
329	30	Unbiased	0.258	0.257	-0.001
330	30	Unbiased	0.254	0.254	0
331	30	Unbiased	0.263	0.263	0
332	30	Unbiased	0.263	0.263	0
333	50	Bias	0.262	0.261	-0.001
334	50	Bias	0.263	0.263	0
335	50	Bias	0.255	0.257	0.002
336	50	Bias	0.264	0.264	0
337	50	Bias	0.256	0.256	0
338	50	Unbiased	0.262	0.261	-0.001
339	50	Unbiased	0.26	0.26	0
340	50	Unbiased	0.263	0.264	0.001
341	50	Unbiased	0.263	0.263	0
342	50	Unbiased	0.258	0.259	0.001
343	100	Bias	0.264	0.264	0
344	100	Bias	0.261	0.262	0.001
345	100	Bias	0.257	0.258	0.001
346	100	Bias	0.257	0.257	0
347	100	Bias	0.256	0.257	0.001
348	100	Unbiased	0.266	0.266	0
349	100	Unbiased	0.256	0.256	0
350	100	Unbiased	0.266	0.266	0
351	100	Unbiased	0.262	0.265	0.003
352	100	Unbiased	0.263	0.263	0

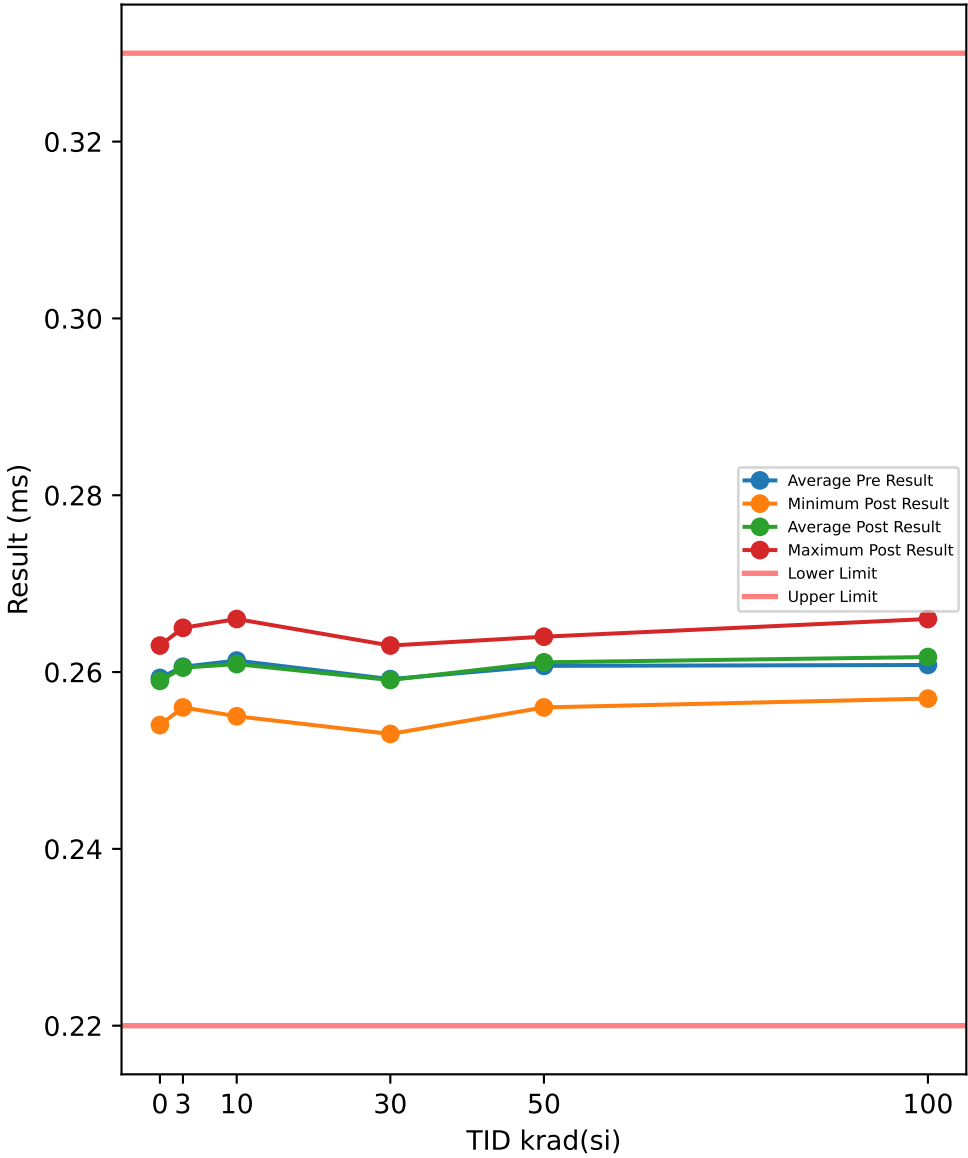
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.255	0.26	0.264	0.0045826	0.255	0.26	0.263	0.0043589	-0.001	0	0.001	0.001
3	0.254	0.26	0.265	0.0041899	0.255	0.2605	0.266	0.0042753	-0.001	0.0005	0.002	0.00084984
10	0.255	0.2609	0.265	0.0045326	0.255	0.2611	0.266	0.0047011	-0.001	0.0002	0.002	0.0011353
30	0.254	0.2591	0.264	0.0041218	0.254	0.2592	0.263	0.0041042	-0.001	0.0001	0.002	0.0008756
50	0.255	0.2606	0.264	0.0032042	0.256	0.2608	0.264	0.0028206	-0.001	0.0002	0.002	0.00091894
100	0.256	0.2608	0.266	0.0040222	0.256	0.2614	0.266	0.0040056	0	0.0006	0.003	0.00096609

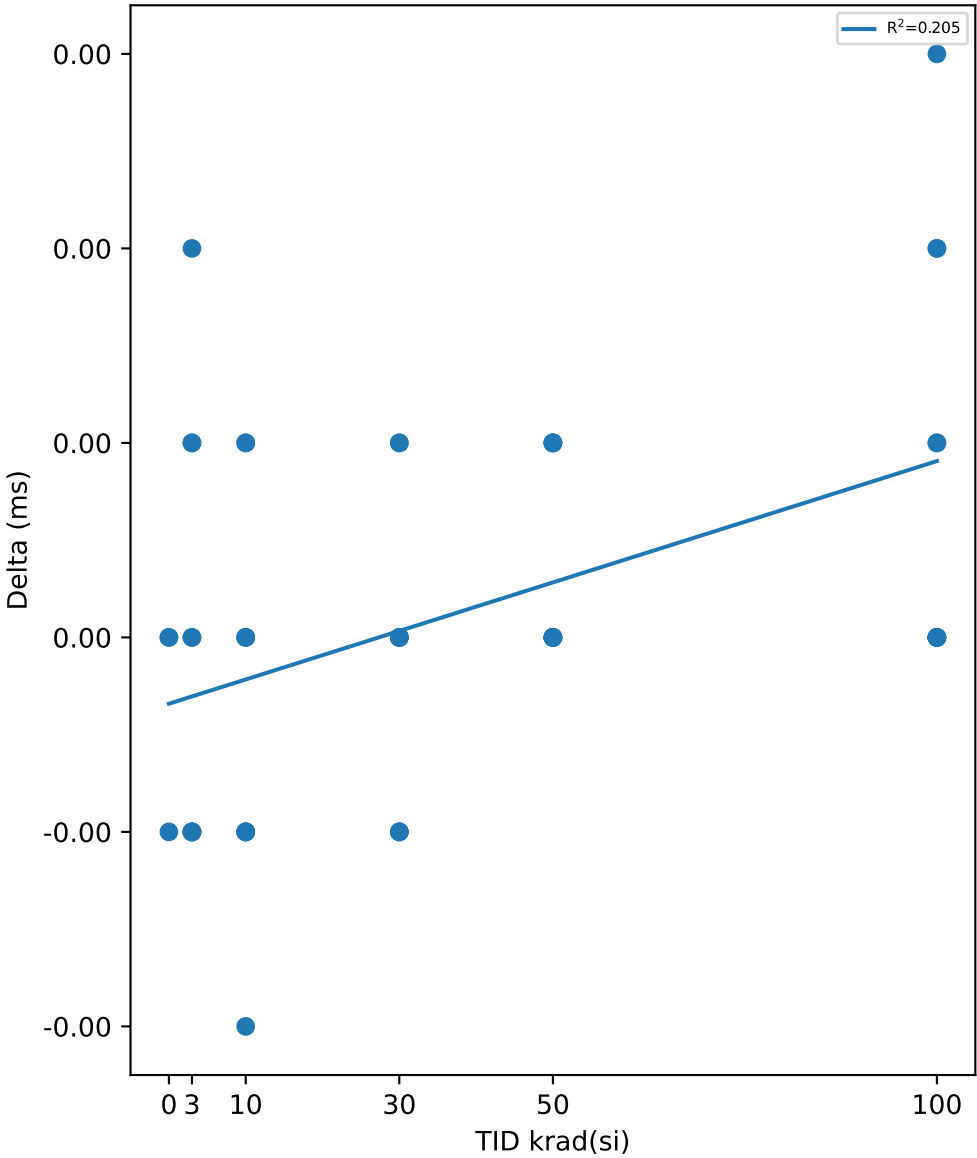
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.263	0.263	0
301	0	Correlation	0.261	0.26	-0.001
302	0	Correlation	0.254	0.254	0
303	3	Bias	0.256	0.256	0
304	3	Bias	0.254	0.256	0.002
305	3	Bias	0.264	0.263	-0.001
306	3	Bias	0.263	0.263	0
307	3	Bias	0.264	0.263	-0.001
308	3	Unbiased	0.262	0.261	-0.001
309	3	Unbiased	0.266	0.265	-0.001
310	3	Unbiased	0.264	0.265	0.001
311	3	Unbiased	0.256	0.257	0.001
312	3	Unbiased	0.257	0.256	-0.001
313	10	Bias	0.255	0.256	0.001
314	10	Bias	0.256	0.255	-0.001
315	10	Bias	0.256	0.256	0
316	10	Bias	0.263	0.263	0
317	10	Bias	0.265	0.263	-0.002
318	10	Unbiased	0.266	0.265	-0.001
319	10	Unbiased	0.257	0.256	-0.001
320	10	Unbiased	0.265	0.264	-0.001
321	10	Unbiased	0.264	0.265	0.001
322	10	Unbiased	0.266	0.266	0
323	30	Bias	0.257	0.257	0
324	30	Bias	0.256	0.255	-0.001
325	30	Bias	0.263	0.263	0
326	30	Bias	0.261	0.262	0.001
327	30	Bias	0.254	0.253	-0.001
328	30	Unbiased	0.263	0.263	0
329	30	Unbiased	0.257	0.258	0.001
330	30	Unbiased	0.255	0.254	-0.001
331	30	Unbiased	0.263	0.263	0
332	30	Unbiased	0.263	0.263	0
333	50	Bias	0.262	0.262	0
334	50	Bias	0.264	0.264	0
335	50	Bias	0.256	0.256	0
336	50	Bias	0.263	0.264	0.001
337	50	Bias	0.255	0.256	0.001
338	50	Unbiased	0.261	0.262	0.001
339	50	Unbiased	0.261	0.261	0
340	50	Unbiased	0.264	0.264	0
341	50	Unbiased	0.264	0.264	0
342	50	Unbiased	0.257	0.258	0.001
343	100	Bias	0.263	0.265	0.002
344	100	Bias	0.261	0.263	0.002
345	100	Bias	0.256	0.259	0.003
346	100	Bias	0.257	0.257	0
347	100	Bias	0.257	0.257	0
348	100	Unbiased	0.265	0.265	0
349	100	Unbiased	0.256	0.257	0.001
350	100	Unbiased	0.266	0.266	0
351	100	Unbiased	0.264	0.264	0
352	100	Unbiased	0.263	0.264	0.001

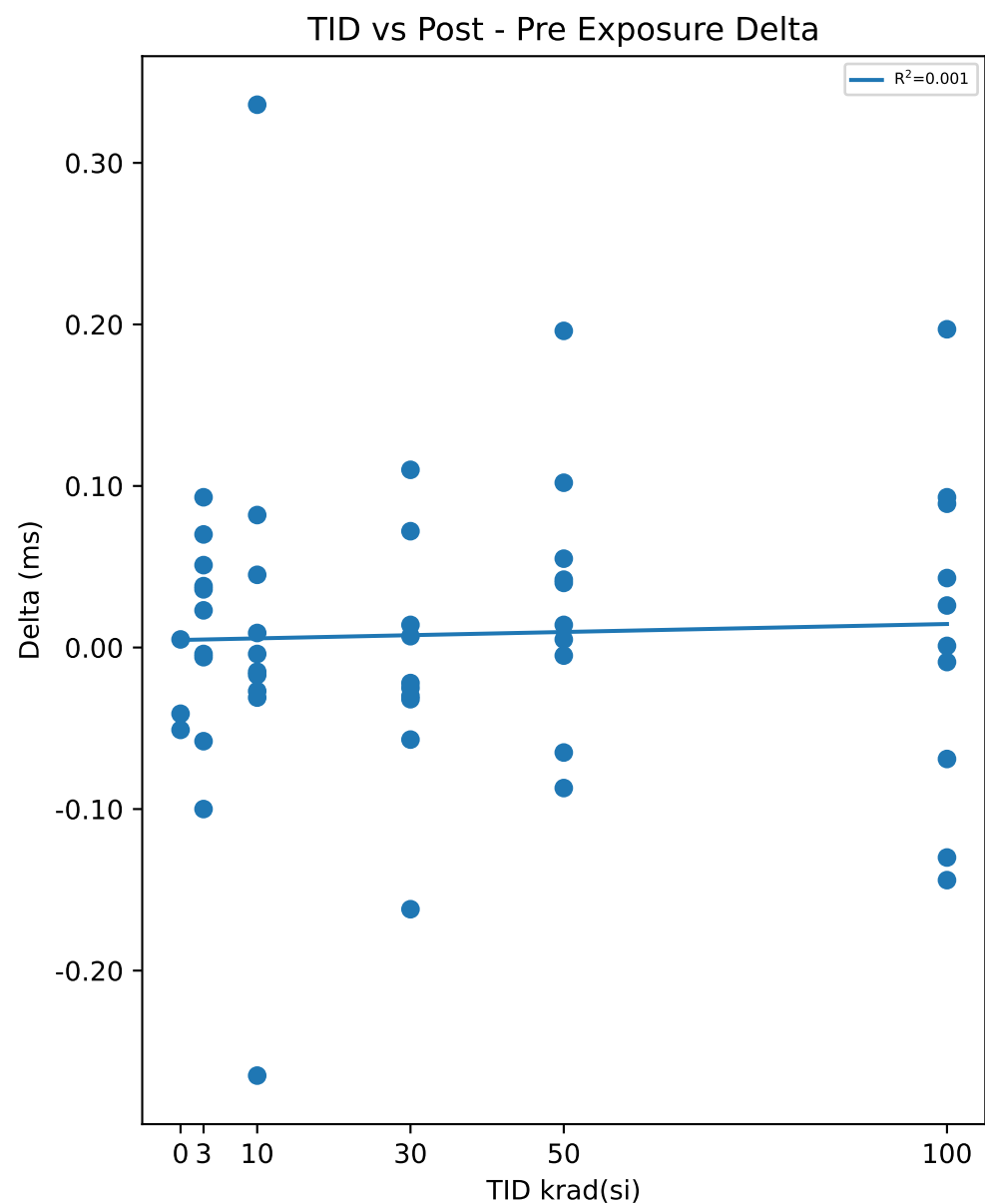
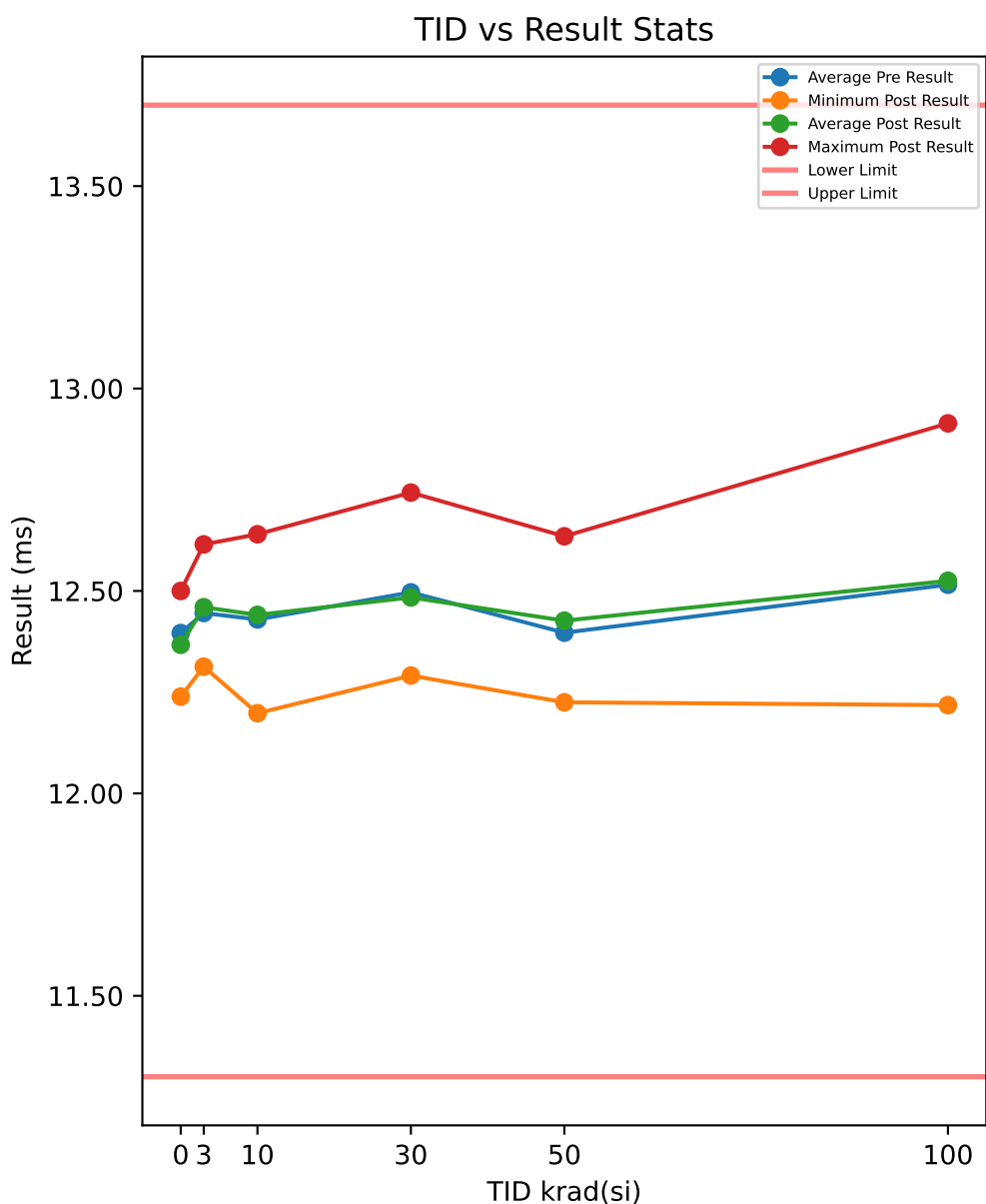
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.254	0.25933	0.263	0.0047258	0.254	0.259	0.263	0.0045826	-0.001	-0.00033333	0	0.00057735
3	0.254	0.2606	0.266	0.0043512	0.256	0.2605	0.265	0.003837	-0.001	-0.0001	0.002	0.0011005
10	0.255	0.2613	0.266	0.0046679	0.255	0.2609	0.266	0.0045326	-0.002	-0.0004	0.001	0.00096609
30	0.254	0.2592	0.263	0.0037357	0.253	0.2591	0.263	0.0041486	-0.001	-0.0001	0.001	0.00073786
50	0.255	0.2607	0.264	0.0034657	0.256	0.2611	0.264	0.0032813	0	0.0004	0.001	0.0005164
100	0.256	0.2608	0.266	0.0039384	0.257	0.2617	0.266	0.0037431	0	0.0009	0.003	0.0011005

Device Test: 5.44 ; DLY_TMR_500KOHM

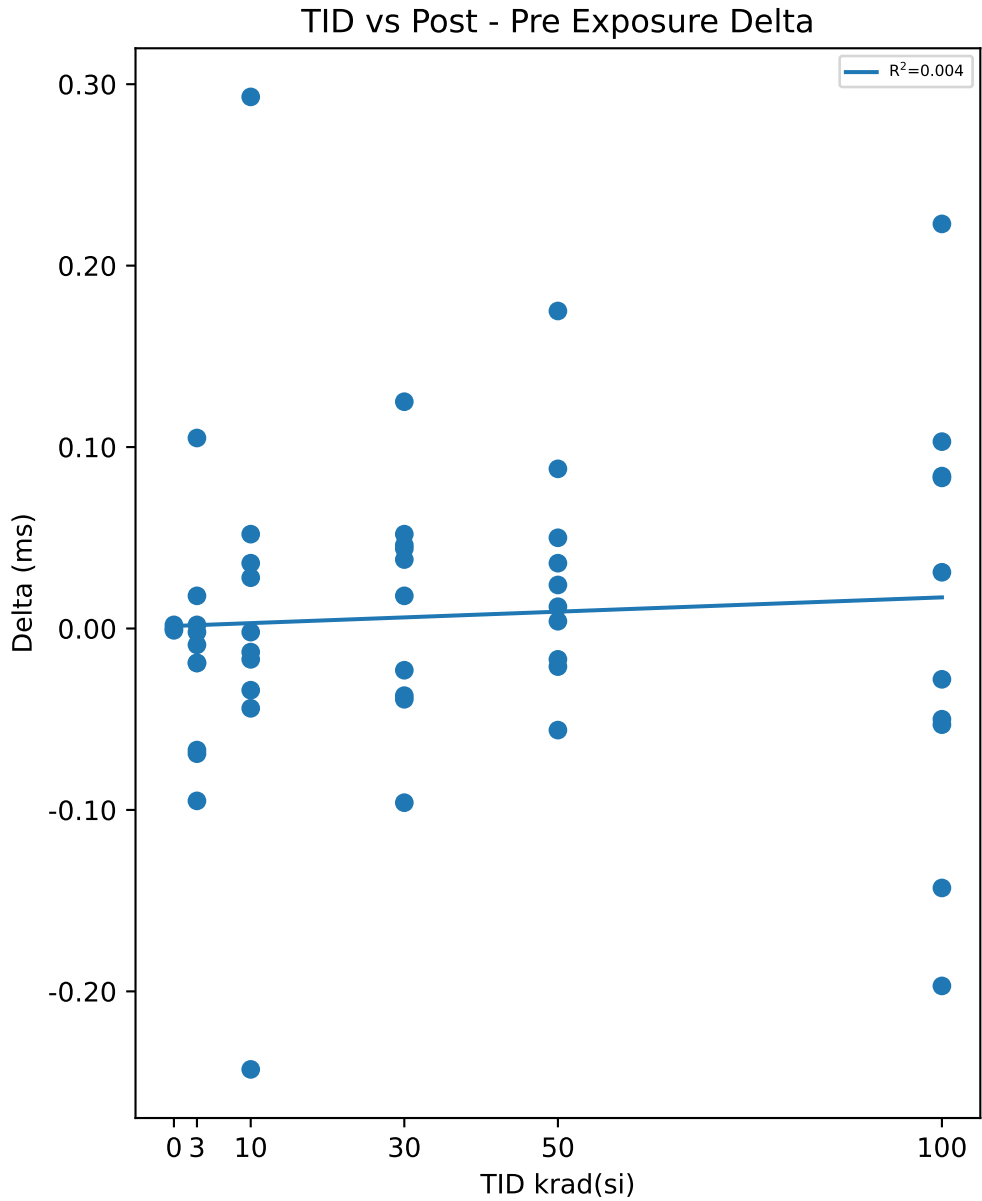
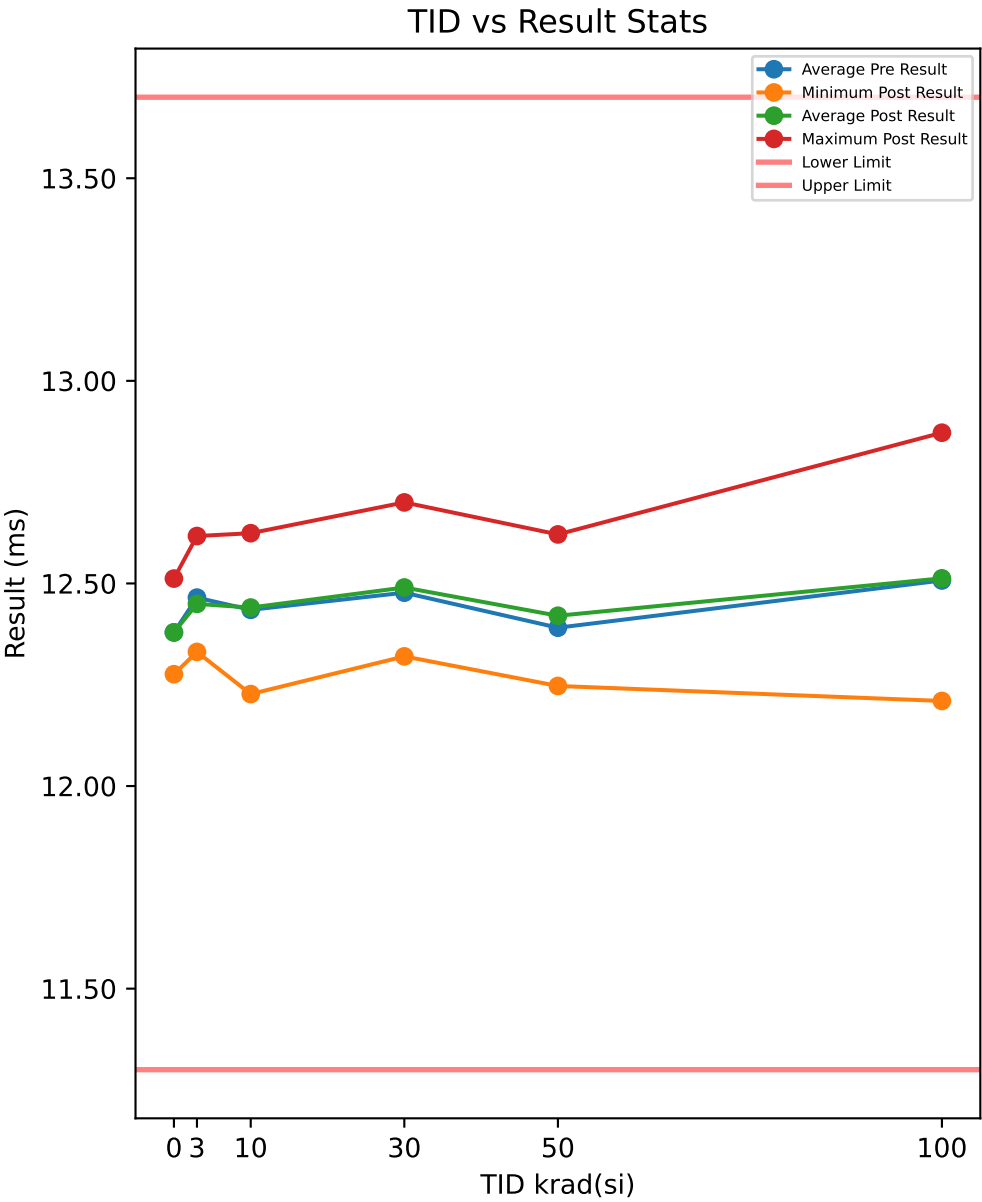


Test Results (Lower Limit = 11.3,
Upper Limit = 13.7 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.541	12.5	-0.041
301	0	Correlation	12.413	12.362	-0.051
302	0	Correlation	12.234	12.239	0.005
303	3	Bias	12.347	12.385	0.038
304	3	Bias	12.344	12.437	0.093
305	3	Bias	12.575	12.569	-0.006
306	3	Bias	12.558	12.581	0.023
307	3	Bias	12.413	12.313	-0.1
308	3	Unbiased	12.275	12.345	0.07
309	3	Unbiased	12.673	12.615	-0.058
310	3	Unbiased	12.548	12.584	0.036
311	3	Unbiased	12.357	12.408	0.051
312	3	Unbiased	12.365	12.361	-0.004
313	10	Bias	12.269	12.265	-0.004
314	10	Bias	12.364	12.349	-0.015
315	10	Bias	12.26	12.229	-0.031
316	10	Bias	12.471	12.553	0.082
317	10	Bias	12.628	12.611	-0.017
318	10	Unbiased	12.56	12.569	0.009
319	10	Unbiased	12.225	12.198	-0.027
320	10	Unbiased	12.637	12.372	-0.265
321	10	Unbiased	12.304	12.64	0.336
322	10	Unbiased	12.578	12.623	0.045
323	30	Bias	12.42	12.363	-0.057
324	30	Bias	12.347	12.325	-0.022
325	30	Bias	12.511	12.525	0.014
326	30	Bias	12.489	12.599	0.11
327	30	Bias	12.284	12.291	0.007
328	30	Unbiased	12.507	12.477	-0.03
329	30	Unbiased	12.759	12.734	-0.025
330	30	Unbiased	12.583	12.421	-0.162
331	30	Unbiased	12.394	12.362	-0.032
332	30	Unbiased	12.671	12.743	0.072
333	50	Bias	12.332	12.374	0.042
334	50	Bias	12.612	12.607	-0.005
335	50	Bias	12.393	12.328	-0.065
336	50	Bias	12.439	12.635	0.196
337	50	Bias	12.312	12.225	-0.087
338	50	Unbiased	12.211	12.313	0.102
339	50	Unbiased	12.321	12.361	0.04
340	50	Unbiased	12.414	12.428	0.014
341	50	Unbiased	12.511	12.566	0.055
342	50	Unbiased	12.424	12.429	0.005
343	100	Bias	12.479	12.572	0.093
344	100	Bias	12.362	12.363	0.001
345	100	Bias	12.663	12.594	-0.069
346	100	Bias	12.362	12.218	-0.144
347	100	Bias	12.271	12.297	0.026
348	100	Unbiased	12.717	12.914	0.197
349	100	Unbiased	12.611	12.481	-0.13
350	100	Unbiased	12.608	12.599	-0.009
351	100	Unbiased	12.715	12.804	0.089
352	100	Unbiased	12.366	12.409	0.043

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.234	12.396	12.541	0.1542	12.239	12.367	12.5	0.13057	-0.051	-0.029	0.005	0.029866
3	12.275	12.445	12.673	0.13171	12.313	12.46	12.615	0.11519	-0.1	0.0143	0.093	0.05849
10	12.225	12.43	12.637	0.16317	12.198	12.441	12.64	0.17599	-0.265	0.0113	0.336	0.1464
30	12.284	12.497	12.759	0.14571	12.291	12.484	12.743	0.16349	-0.162	-0.0125	0.11	0.073403
50	12.211	12.397	12.612	0.11247	12.225	12.427	12.635	0.13571	-0.087	0.0297	0.196	0.080573
100	12.271	12.515	12.717	0.16681	12.218	12.525	12.914	0.21845	-0.144	0.0097	0.197	0.10511

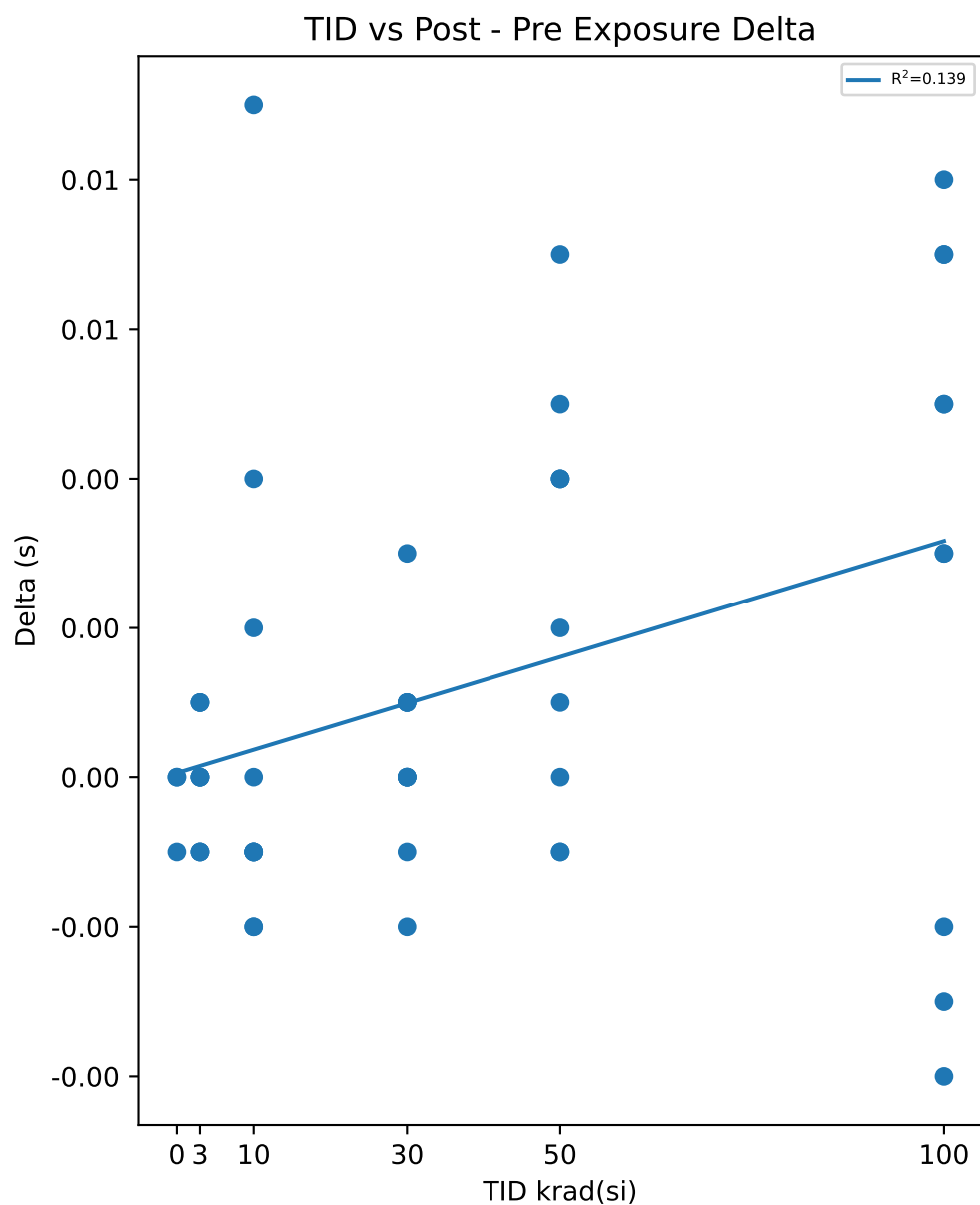
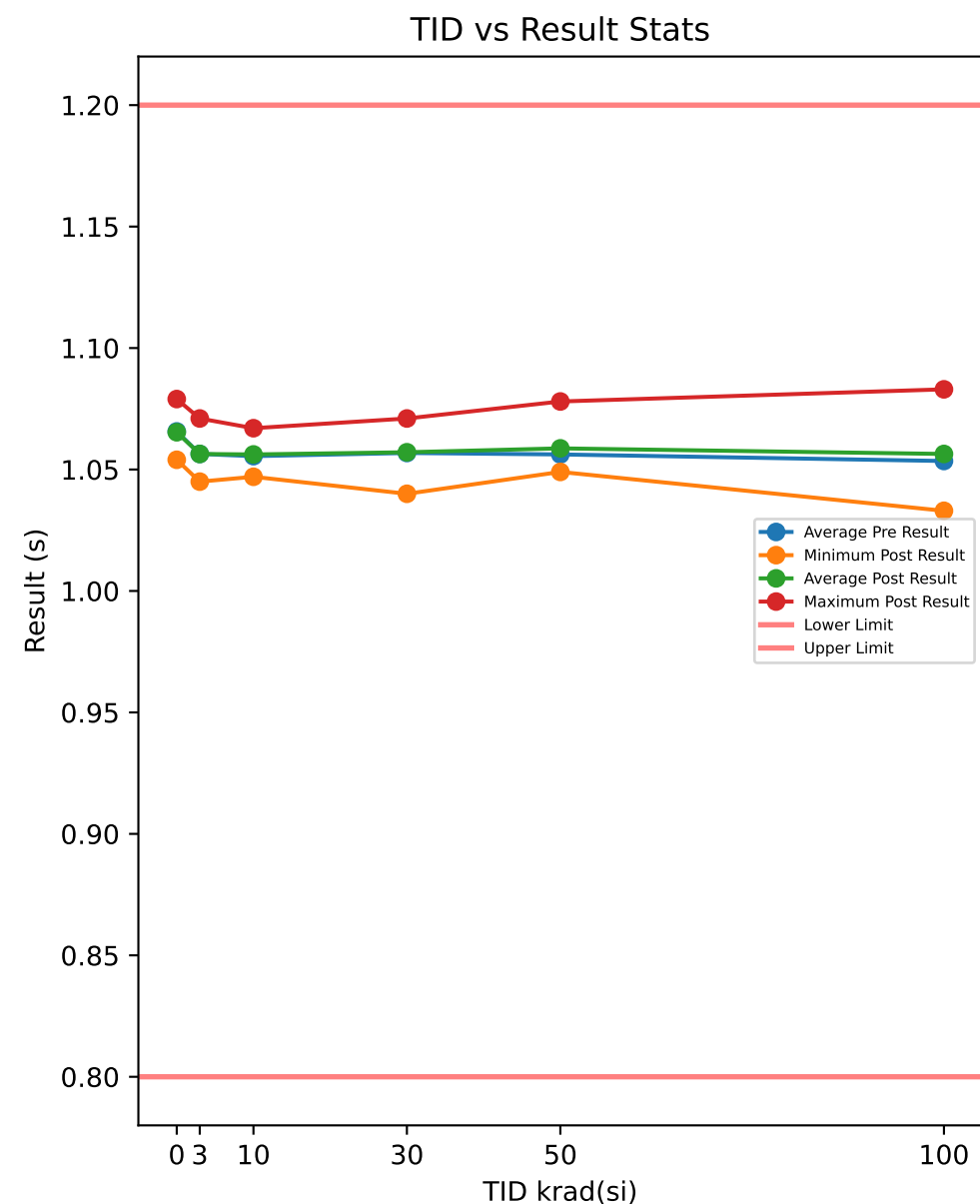


Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.513	12.512	-0.001
301	0	Correlation	12.35	12.35	0
302	0	Correlation	12.274	12.276	0.002
303	3	Bias	12.388	12.379	-0.009
304	3	Bias	12.31	12.415	0.105
305	3	Bias	12.561	12.559	-0.002
306	3	Bias	12.608	12.541	-0.067
307	3	Bias	12.419	12.4	-0.019
308	3	Unbiased	12.314	12.332	0.018
309	3	Unbiased	12.636	12.617	-0.019
310	3	Unbiased	12.563	12.565	0.002
311	3	Unbiased	12.4	12.331	-0.069
312	3	Unbiased	12.451	12.356	-0.095
313	10	Bias	12.289	12.255	-0.034
314	10	Bias	12.35	12.402	0.052
315	10	Bias	12.244	12.227	-0.017
316	10	Bias	12.521	12.477	-0.044
317	10	Bias	12.588	12.586	-0.002
318	10	Unbiased	12.588	12.624	0.036
319	10	Unbiased	12.256	12.243	-0.013
320	10	Unbiased	12.613	12.37	-0.243
321	10	Unbiased	12.324	12.617	0.293
322	10	Unbiased	12.576	12.604	0.028
323	30	Bias	12.402	12.44	0.038
324	30	Bias	12.351	12.395	0.044
325	30	Bias	12.521	12.539	0.018
326	30	Bias	12.452	12.577	0.125
327	30	Bias	12.274	12.32	0.046
328	30	Unbiased	12.507	12.47	-0.037
329	30	Unbiased	12.717	12.694	-0.023
330	30	Unbiased	12.499	12.403	-0.096
331	30	Unbiased	12.401	12.362	-0.039
332	30	Unbiased	12.648	12.7	0.052
333	50	Bias	12.327	12.306	-0.021
334	50	Bias	12.595	12.607	0.012
335	50	Bias	12.41	12.393	-0.017
336	50	Bias	12.446	12.621	0.175
337	50	Bias	12.303	12.247	-0.056
338	50	Unbiased	12.215	12.303	0.088
339	50	Unbiased	12.294	12.298	0.004
340	50	Unbiased	12.43	12.454	0.024
341	50	Unbiased	12.52	12.57	0.05
342	50	Unbiased	12.368	12.404	0.036
343	100	Bias	12.523	12.554	0.031
344	100	Bias	12.296	12.379	0.083
345	100	Bias	12.636	12.586	-0.05
346	100	Bias	12.407	12.21	-0.197
347	100	Bias	12.232	12.335	0.103
348	100	Unbiased	12.649	12.872	0.223
349	100	Unbiased	12.614	12.471	-0.143
350	100	Unbiased	12.609	12.581	-0.028
351	100	Unbiased	12.667	12.751	0.084
352	100	Unbiased	12.44	12.387	-0.053

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.274	12.379	12.513	0.12211	12.276	12.379	12.512	0.1207	-0.001	0.00033333	0.002	0.0015275
3	12.31	12.465	12.636	0.11916	12.331	12.45	12.617	0.10902	-0.095	-0.0155	0.105	0.05581
10	12.244	12.435	12.613	0.15462	12.227	12.441	12.624	0.16313	-0.243	0.0056	0.293	0.13035
30	12.274	12.477	12.717	0.13303	12.32	12.49	12.7	0.13353	-0.096	0.0128	0.125	0.062491
50	12.215	12.391	12.595	0.11349	12.247	12.42	12.621	0.13805	-0.056	0.0295	0.175	0.065034
100	12.232	12.507	12.667	0.15604	12.21	12.513	12.872	0.19895	-0.197	0.0053	0.223	0.12486

Device Test: 5.46 ; WD_TMR_500KOHM



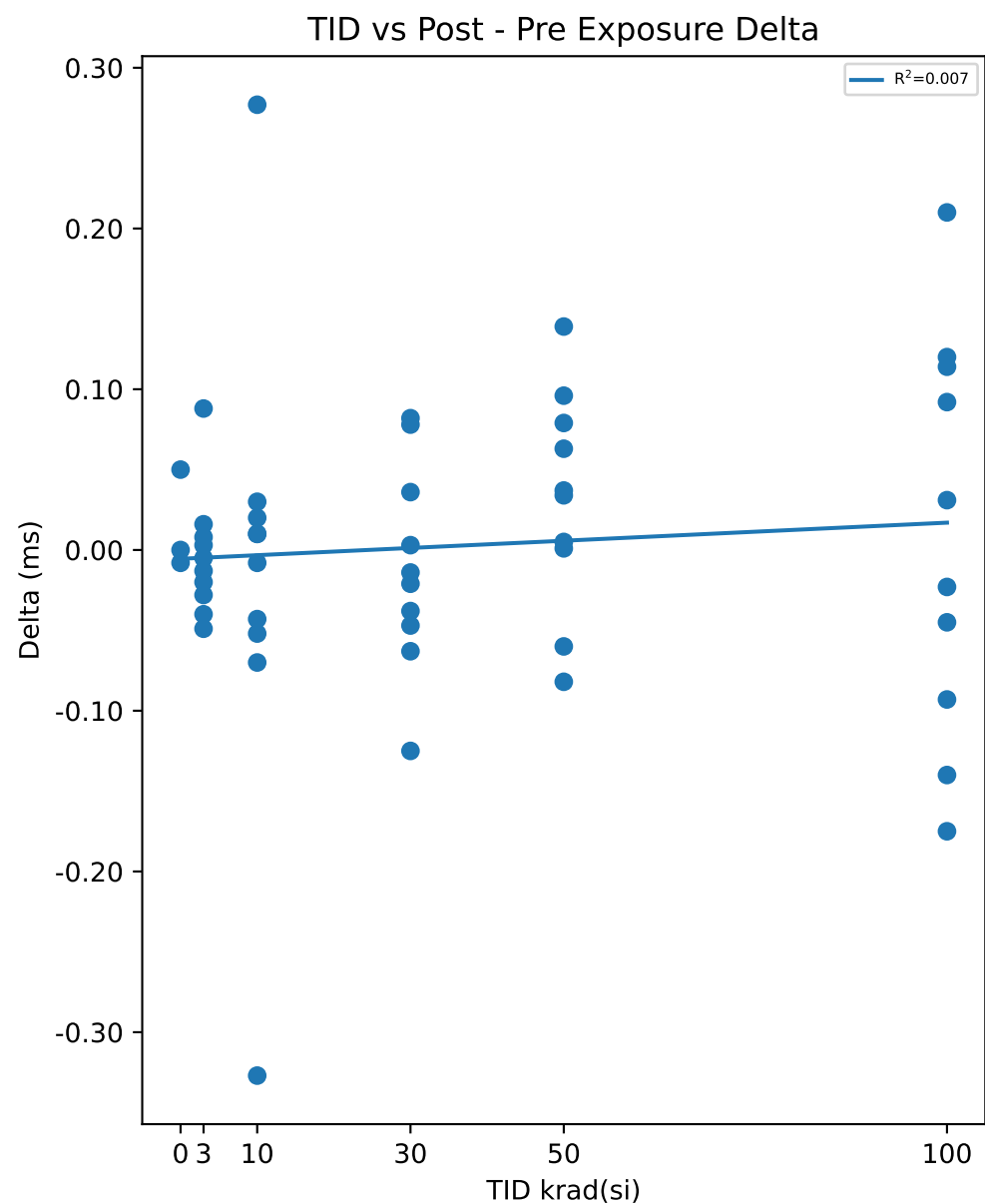
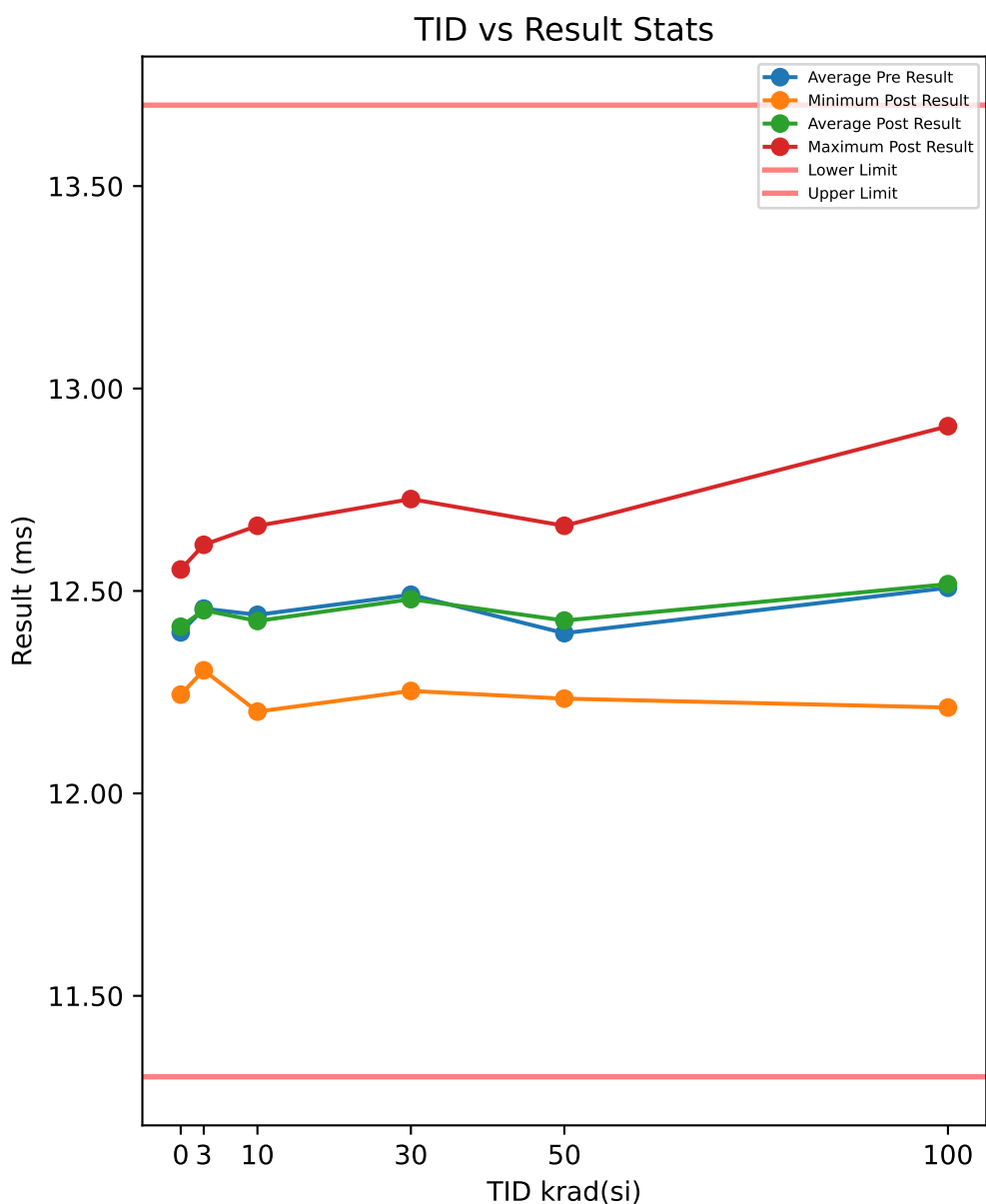
Test Results (Lower Limit = 0.8,
Upper Limit = 1.2 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.08	1.079	-0.001
301	0	Correlation	1.054	1.054	0
302	0	Correlation	1.063	1.063	0
303	3	Bias	1.07	1.071	0.001
304	3	Bias	1.051	1.051	0
305	3	Bias	1.046	1.045	-0.001
306	3	Bias	1.056	1.056	0
307	3	Bias	1.054	1.054	0
308	3	Unbiased	1.062	1.061	-0.001
309	3	Unbiased	1.05	1.051	0.001
310	3	Unbiased	1.054	1.054	0
311	3	Unbiased	1.059	1.058	-0.001
312	3	Unbiased	1.062	1.063	0.001
313	10	Bias	1.043	1.047	0.004
314	10	Bias	1.057	1.055	-0.002
315	10	Bias	1.061	1.061	0
316	10	Bias	1.052	1.051	-0.001
317	10	Bias	1.052	1.051	-0.001
318	10	Unbiased	1.062	1.061	-0.001
319	10	Unbiased	1.058	1.06	0.002
320	10	Unbiased	1.048	1.057	0.009
321	10	Unbiased	1.054	1.052	-0.002
322	10	Unbiased	1.068	1.067	-0.001
323	30	Bias	1.044	1.042	-0.002
324	30	Bias	1.04	1.04	0
325	30	Bias	1.072	1.071	-0.001
326	30	Bias	1.055	1.055	0
327	30	Bias	1.048	1.049	0.001
328	30	Unbiased	1.065	1.068	0.003
329	30	Unbiased	1.053	1.053	0
330	30	Unbiased	1.065	1.066	0.001
331	30	Unbiased	1.06	1.061	0.001
332	30	Unbiased	1.066	1.066	0
333	50	Bias	1.06	1.061	0.001
334	50	Bias	1.051	1.05	-0.001
335	50	Bias	1.076	1.078	0.002
336	50	Bias	1.05	1.049	-0.001
337	50	Bias	1.049	1.053	0.004
338	50	Unbiased	1.052	1.056	0.004
339	50	Unbiased	1.048	1.052	0.004
340	50	Unbiased	1.058	1.063	0.005
341	50	Unbiased	1.047	1.054	0.007
342	50	Unbiased	1.071	1.071	0
343	100	Bias	1.058	1.054	-0.004
344	100	Bias	1.036	1.033	-0.003
345	100	Bias	1.046	1.049	0.003
346	100	Bias	1.05	1.058	0.008
347	100	Bias	1.076	1.083	0.007
348	100	Unbiased	1.04	1.043	0.003
349	100	Unbiased	1.049	1.047	-0.002
350	100	Unbiased	1.065	1.07	0.005
351	100	Unbiased	1.052	1.059	0.007
352	100	Unbiased	1.063	1.068	0.005

Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.054	1.0657	1.08	0.013204	1.054	1.0653	1.079	0.012662	-0.001	-0.00033333	0	0.00057735
3	1.046	1.0564	1.07	0.0070269	1.045	1.0564	1.071	0.007306	-0.001	-4.4409e-17	0.001	0.0008165
10	1.043	1.0555	1.068	0.0072763	1.047	1.0562	1.067	0.0061065	-0.002	0.0007	0.009	0.0034657
30	1.04	1.0568	1.072	0.010549	1.04	1.0571	1.071	0.01102	-0.002	0.0003	0.003	0.0013375
50	1.047	1.0562	1.076	0.010086	1.049	1.0587	1.078	0.009569	-0.001	0.0025	0.007	0.0027183
100	1.036	1.0535	1.076	0.01215	1.033	1.0564	1.083	0.014577	-0.004	0.0029	0.008	0.0044083

Device Test: 5.47 ; DLY_TMR_500KOHM



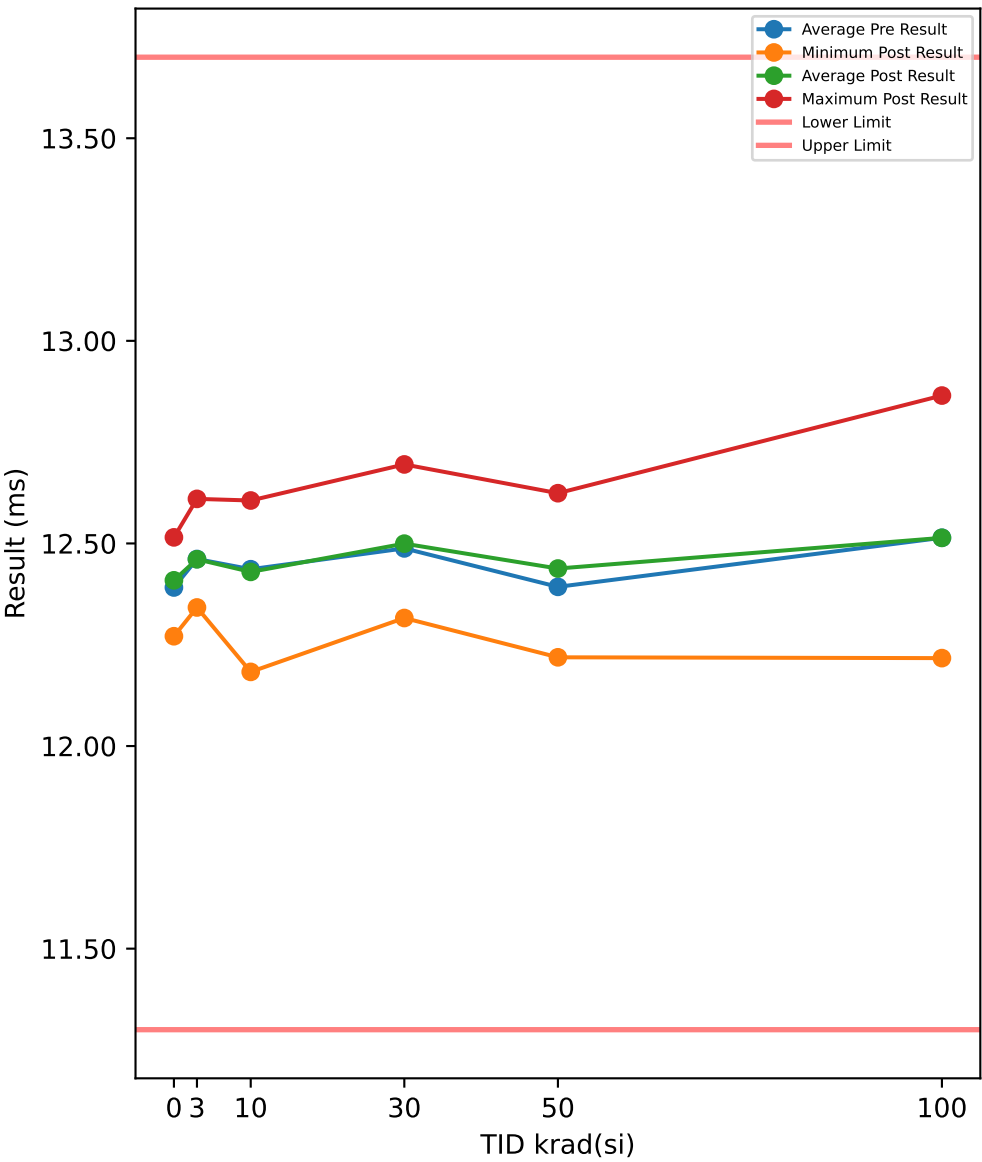
Test Results (Lower Limit = 11.3,
Upper Limit = 13.7 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.553	12.553	0
301	0	Correlation	12.446	12.438	-0.008
302	0	Correlation	12.194	12.244	0.05
303	3	Bias	12.309	12.325	0.016
304	3	Bias	12.394	12.381	-0.013
305	3	Bias	12.618	12.59	-0.028
306	3	Bias	12.536	12.539	0.003
307	3	Bias	12.397	12.348	-0.049
308	3	Unbiased	12.296	12.304	0.008
309	3	Unbiased	12.619	12.614	-0.005
310	3	Unbiased	12.629	12.589	-0.04
311	3	Unbiased	12.328	12.416	0.088
312	3	Unbiased	12.438	12.418	-0.02
313	10	Bias	12.227	12.237	0.01
314	10	Bias	12.408	12.365	-0.043
315	10	Bias	12.254	12.202	-0.052
316	10	Bias	12.468	12.498	0.03
317	10	Bias	12.669	12.661	-0.008
318	10	Unbiased	12.651	12.581	-0.07
319	10	Unbiased	12.203	12.213	0.01
320	10	Unbiased	12.638	12.311	-0.327
321	10	Unbiased	12.325	12.602	0.277
322	10	Unbiased	12.568	12.588	0.02
323	30	Bias	12.416	12.369	-0.047
324	30	Bias	12.36	12.346	-0.014
325	30	Bias	12.582	12.519	-0.063
326	30	Bias	12.472	12.554	0.082
327	30	Bias	12.274	12.253	-0.021
328	30	Unbiased	12.518	12.48	-0.038
329	30	Unbiased	12.724	12.727	0.003
330	30	Unbiased	12.543	12.418	-0.125
331	30	Unbiased	12.387	12.423	0.036
332	30	Unbiased	12.63	12.708	0.078
333	50	Bias	12.311	12.312	0.001
334	50	Bias	12.572	12.635	0.063
335	50	Bias	12.409	12.349	-0.06
336	50	Bias	12.522	12.661	0.139
337	50	Bias	12.316	12.234	-0.082
338	50	Unbiased	12.161	12.257	0.096
339	50	Unbiased	12.307	12.312	0.005
340	50	Unbiased	12.416	12.453	0.037
341	50	Unbiased	12.529	12.563	0.034
342	50	Unbiased	12.414	12.493	0.079
343	100	Bias	12.451	12.571	0.12
344	100	Bias	12.347	12.378	0.031
345	100	Bias	12.686	12.593	-0.093
346	100	Bias	12.387	12.212	-0.175
347	100	Bias	12.221	12.313	0.092
348	100	Unbiased	12.697	12.907	0.21
349	100	Unbiased	12.601	12.461	-0.14
350	100	Unbiased	12.617	12.594	-0.023
351	100	Unbiased	12.633	12.747	0.114
352	100	Unbiased	12.438	12.393	-0.045

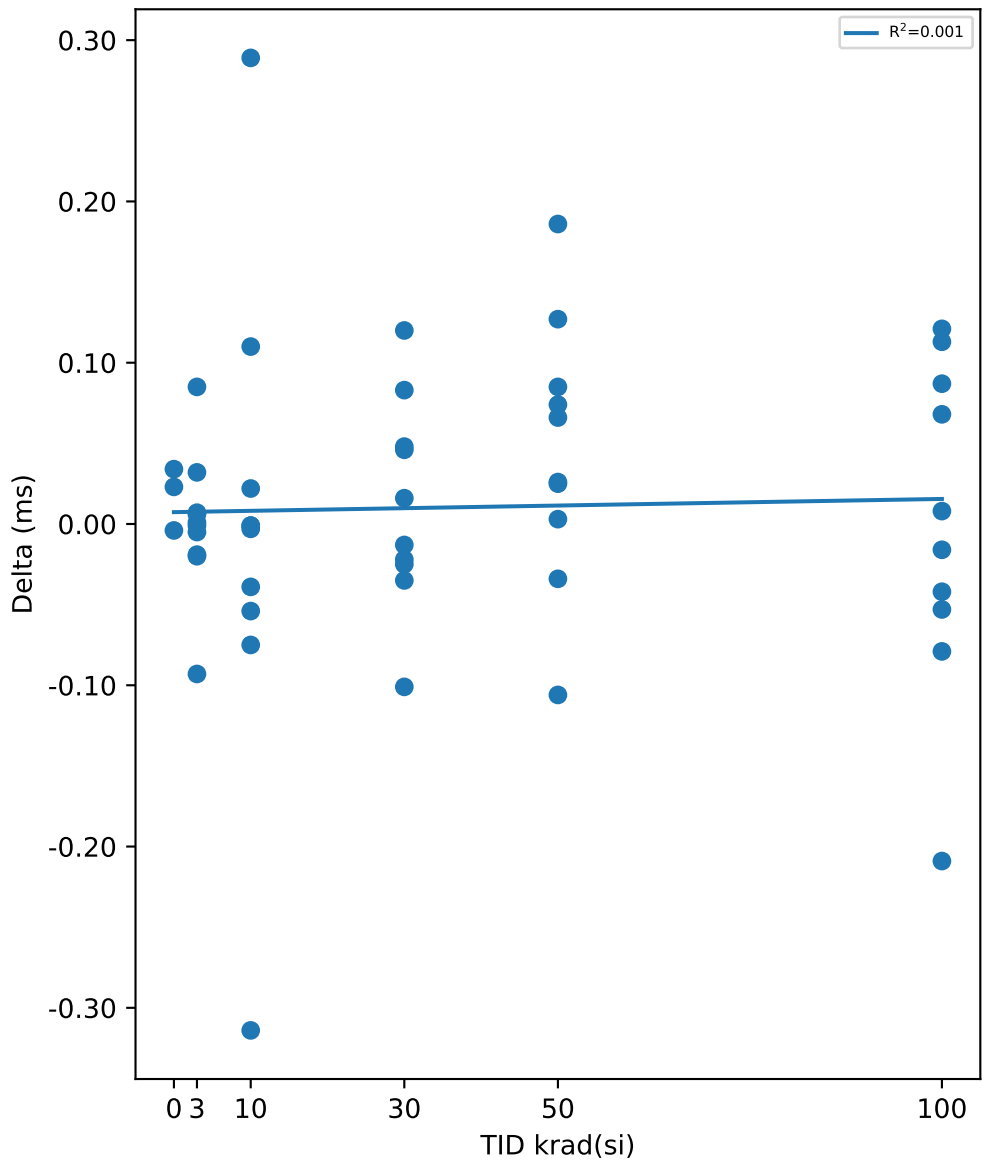
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.194	12.398	12.553	0.18432	12.244	12.412	12.553	0.15617	-0.008	0.014	0.05	0.031432
3	12.296	12.456	12.629	0.13349	12.304	12.452	12.614	0.11924	-0.049	-0.004	0.088	0.03843
10	12.203	12.441	12.669	0.1837	12.202	12.426	12.661	0.17946	-0.327	-0.0153	0.277	0.14619
30	12.274	12.491	12.724	0.13596	12.253	12.48	12.727	0.15235	-0.125	-0.0109	0.082	0.063952
50	12.161	12.396	12.572	0.1257	12.234	12.427	12.661	0.15643	-0.082	0.0312	0.139	0.068222
100	12.221	12.508	12.697	0.16147	12.212	12.517	12.907	0.20872	-0.175	0.0091	0.21	0.1254

TID vs Result Stats



TID vs Post - Pre Exposure Delta



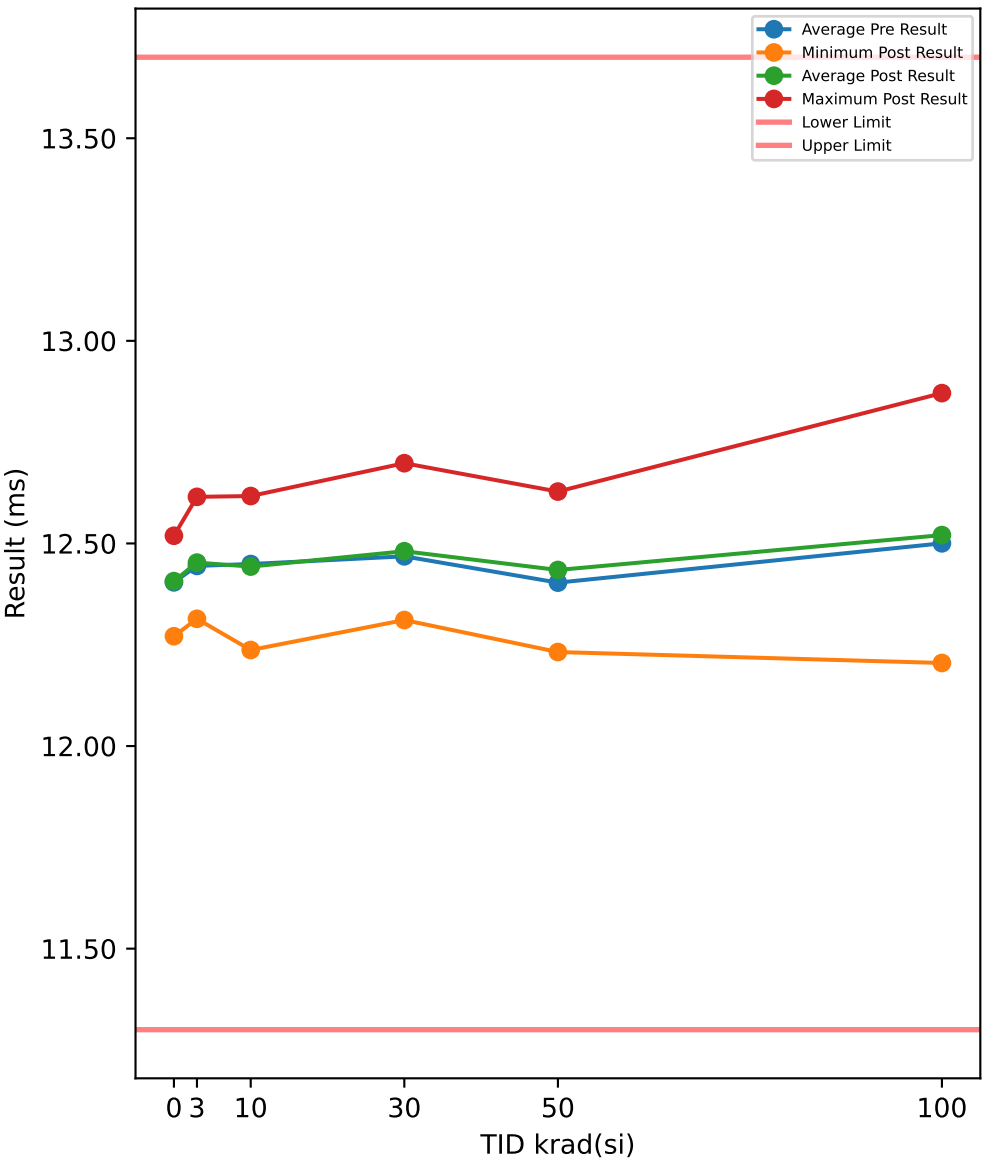
Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.519	12.515	-0.004
301	0	Correlation	12.418	12.441	0.023
302	0	Correlation	12.237	12.271	0.034
303	3	Bias	12.382	12.383	0.001
304	3	Bias	12.4	12.406	0.006
305	3	Bias	12.572	12.553	-0.019
306	3	Bias	12.539	12.546	0.007
307	3	Bias	12.392	12.391	-0.001
308	3	Unbiased	12.31	12.342	0.032
309	3	Unbiased	12.703	12.61	-0.093
310	3	Unbiased	12.564	12.544	-0.02
311	3	Unbiased	12.394	12.389	-0.005
312	3	Unbiased	12.36	12.445	0.085
313	10	Bias	12.259	12.256	-0.003
314	10	Bias	12.345	12.367	0.022
315	10	Bias	12.258	12.183	-0.075
316	10	Bias	12.443	12.553	0.11
317	10	Bias	12.6	12.599	-0.001
318	10	Unbiased	12.584	12.545	-0.039
319	10	Unbiased	12.239	12.238	-0.001
320	10	Unbiased	12.674	12.36	-0.314
321	10	Unbiased	12.317	12.606	0.289
322	10	Unbiased	12.645	12.591	-0.054
323	30	Bias	12.395	12.411	0.016
324	30	Bias	12.441	12.406	-0.035
325	30	Bias	12.51	12.593	0.083
326	30	Bias	12.454	12.574	0.12
327	30	Bias	12.27	12.316	0.046
328	30	Unbiased	12.506	12.554	0.048
329	30	Unbiased	12.711	12.689	-0.022
330	30	Unbiased	12.498	12.397	-0.101
331	30	Unbiased	12.385	12.36	-0.025
332	30	Unbiased	12.708	12.695	-0.013
333	50	Bias	12.321	12.395	0.074
334	50	Bias	12.576	12.602	0.026
335	50	Bias	12.385	12.41	0.025
336	50	Bias	12.438	12.624	0.186
337	50	Bias	12.325	12.219	-0.106
338	50	Unbiased	12.211	12.277	0.066
339	50	Unbiased	12.29	12.375	0.085
340	50	Unbiased	12.429	12.432	0.003
341	50	Unbiased	12.592	12.558	-0.034
342	50	Unbiased	12.362	12.489	0.127
343	100	Bias	12.454	12.541	0.087
344	100	Bias	12.387	12.334	-0.053
345	100	Bias	12.637	12.595	-0.042
346	100	Bias	12.426	12.217	-0.209
347	100	Bias	12.261	12.329	0.068
348	100	Unbiased	12.744	12.865	0.121
349	100	Unbiased	12.543	12.464	-0.079
350	100	Unbiased	12.591	12.575	-0.016
351	100	Unbiased	12.648	12.761	0.113
352	100	Unbiased	12.449	12.457	0.008

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.237	12.391	12.519	0.14288	12.271	12.409	12.515	0.12511	-0.004	0.017667	0.034	0.019553
3	12.31	12.462	12.703	0.12463	12.342	12.461	12.61	0.093327	-0.093	-0.0007	0.085	0.04443
10	12.239	12.436	12.674	0.1743	12.183	12.43	12.606	0.16694	-0.314	-0.0066	0.289	0.15068
30	12.27	12.488	12.711	0.13711	12.316	12.5	12.695	0.13808	-0.101	0.0117	0.12	0.064377
50	12.211	12.393	12.592	0.12064	12.219	12.438	12.624	0.13292	-0.106	0.0452	0.186	0.082363
100	12.261	12.514	12.744	0.14471	12.217	12.514	12.865	0.19883	-0.209	-0.0002	0.121	0.10242

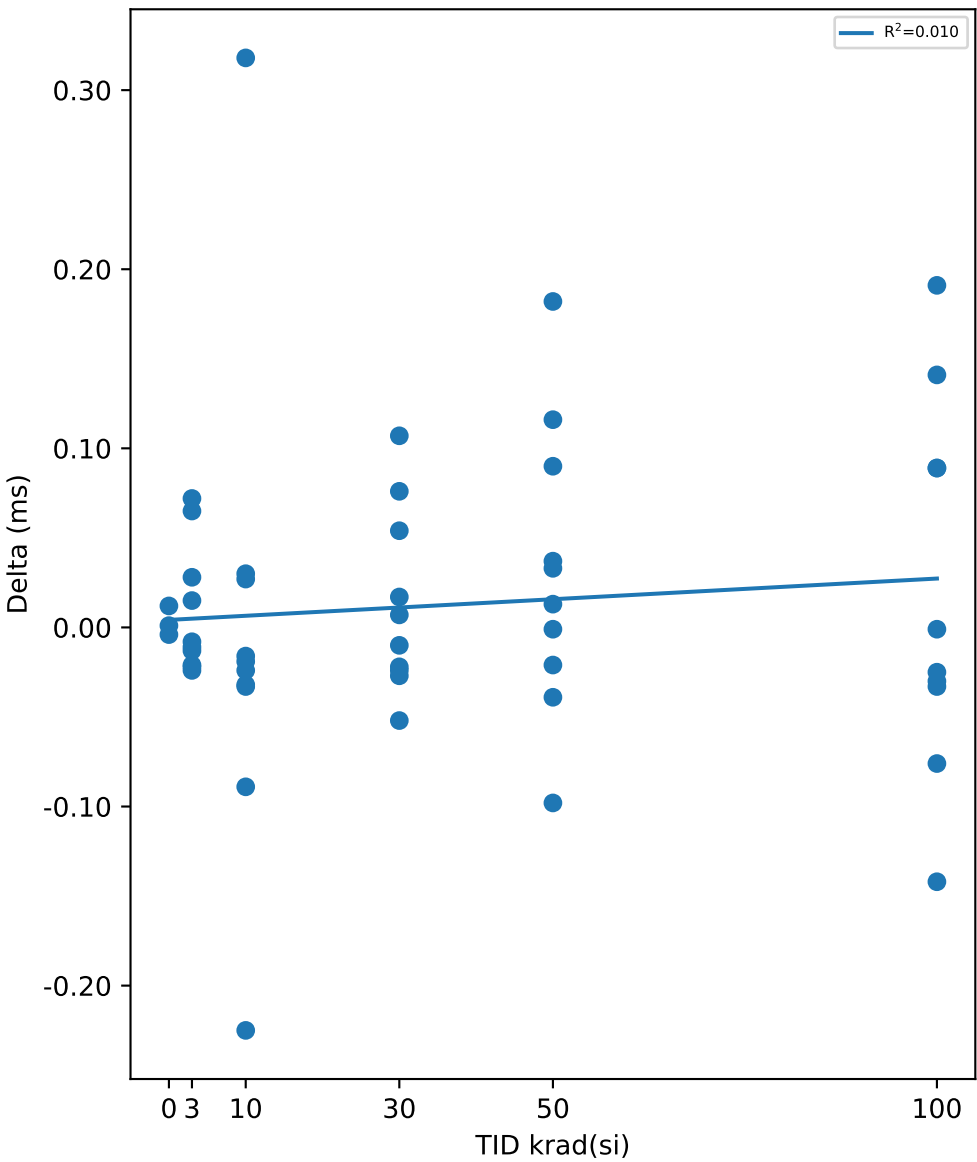
TID vs Result Stats



Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.507	12.519	0.012
301	0	Correlation	12.43	12.431	0.001
302	0	Correlation	12.275	12.271	-0.004
303	3	Bias	12.359	12.387	0.028
304	3	Bias	12.374	12.439	0.065
305	3	Bias	12.579	12.558	-0.021
306	3	Bias	12.545	12.532	-0.013
307	3	Bias	12.338	12.314	-0.024
308	3	Unbiased	12.279	12.351	0.072
309	3	Unbiased	12.637	12.615	-0.022
310	3	Unbiased	12.569	12.558	-0.011
311	3	Unbiased	12.399	12.414	0.015
312	3	Unbiased	12.367	12.359	-0.008
313	10	Bias	12.29	12.266	-0.024
314	10	Bias	12.432	12.399	-0.033
315	10	Bias	12.264	12.248	-0.016
316	10	Bias	12.512	12.48	-0.032
317	10	Bias	12.676	12.587	-0.089
318	10	Unbiased	12.588	12.615	0.027
319	10	Unbiased	12.256	12.237	-0.019
320	10	Unbiased	12.6	12.375	-0.225
321	10	Unbiased	12.299	12.617	0.318
322	10	Unbiased	12.575	12.605	0.03
323	30	Bias	12.402	12.35	-0.052
324	30	Bias	12.351	12.324	-0.027
325	30	Bias	12.522	12.529	0.007
326	30	Bias	12.466	12.573	0.107
327	30	Bias	12.294	12.311	0.017
328	30	Unbiased	12.509	12.487	-0.022
329	30	Unbiased	12.705	12.695	-0.01
330	30	Unbiased	12.505	12.481	-0.024
331	30	Unbiased	12.306	12.36	0.054
332	30	Unbiased	12.622	12.698	0.076
333	50	Bias	12.341	12.378	0.037
334	50	Bias	12.593	12.606	0.013
335	50	Bias	12.411	12.41	-0.001
336	50	Bias	12.446	12.628	0.182
337	50	Bias	12.33	12.232	-0.098
338	50	Unbiased	12.205	12.321	0.116
339	50	Unbiased	12.322	12.355	0.033
340	50	Unbiased	12.344	12.434	0.09
341	50	Unbiased	12.591	12.57	-0.021
342	50	Unbiased	12.45	12.411	-0.039
343	100	Bias	12.487	12.628	0.141
344	100	Bias	12.379	12.378	-0.001
345	100	Bias	12.628	12.603	-0.025
346	100	Bias	12.347	12.205	-0.142
347	100	Bias	12.24	12.329	0.089
348	100	Unbiased	12.68	12.871	0.191
349	100	Unbiased	12.54	12.464	-0.076
350	100	Unbiased	12.609	12.576	-0.033
351	100	Unbiased	12.667	12.756	0.089
352	100	Unbiased	12.426	12.396	-0.03

TID vs Post - Pre Exposure Delta

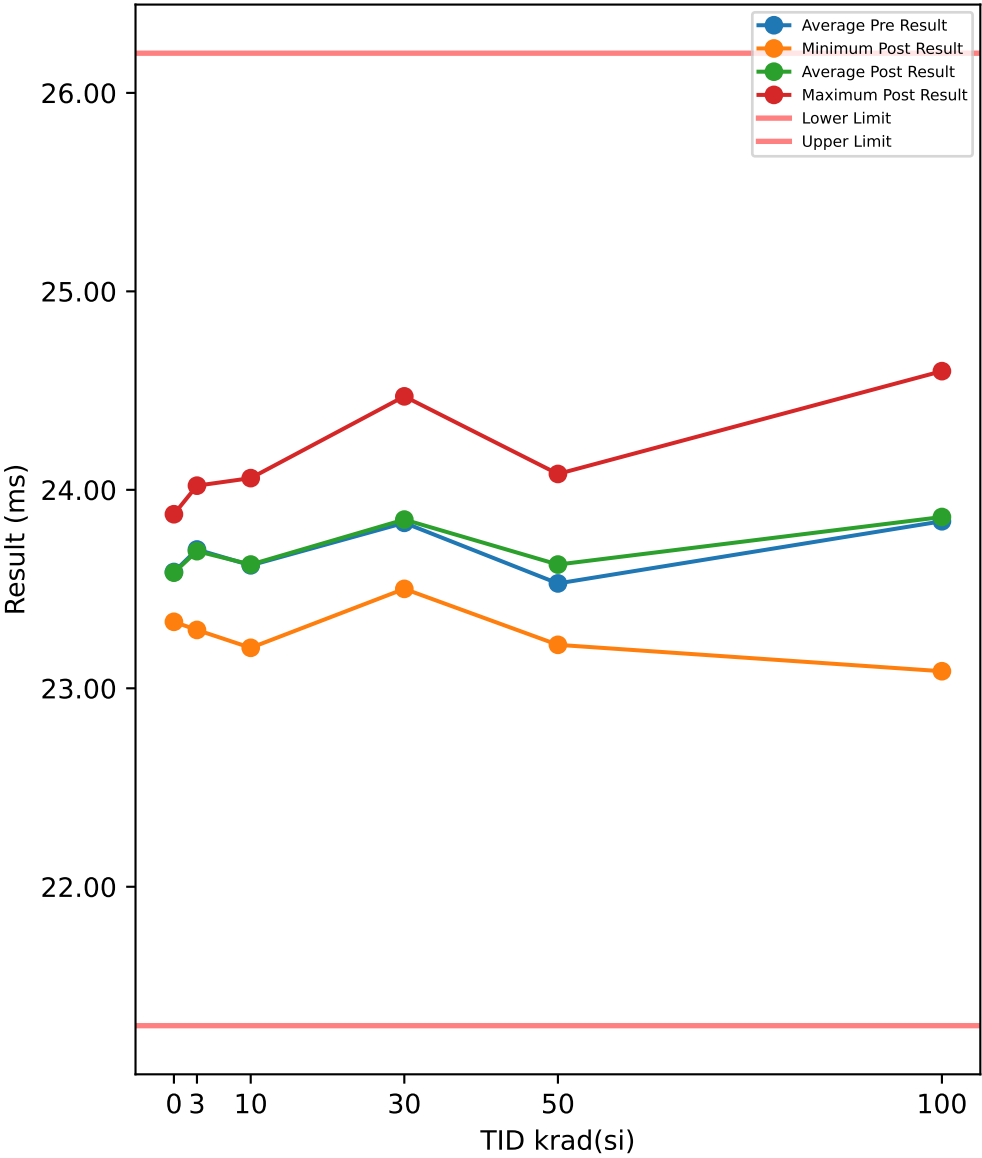


Test Statistics (ms)

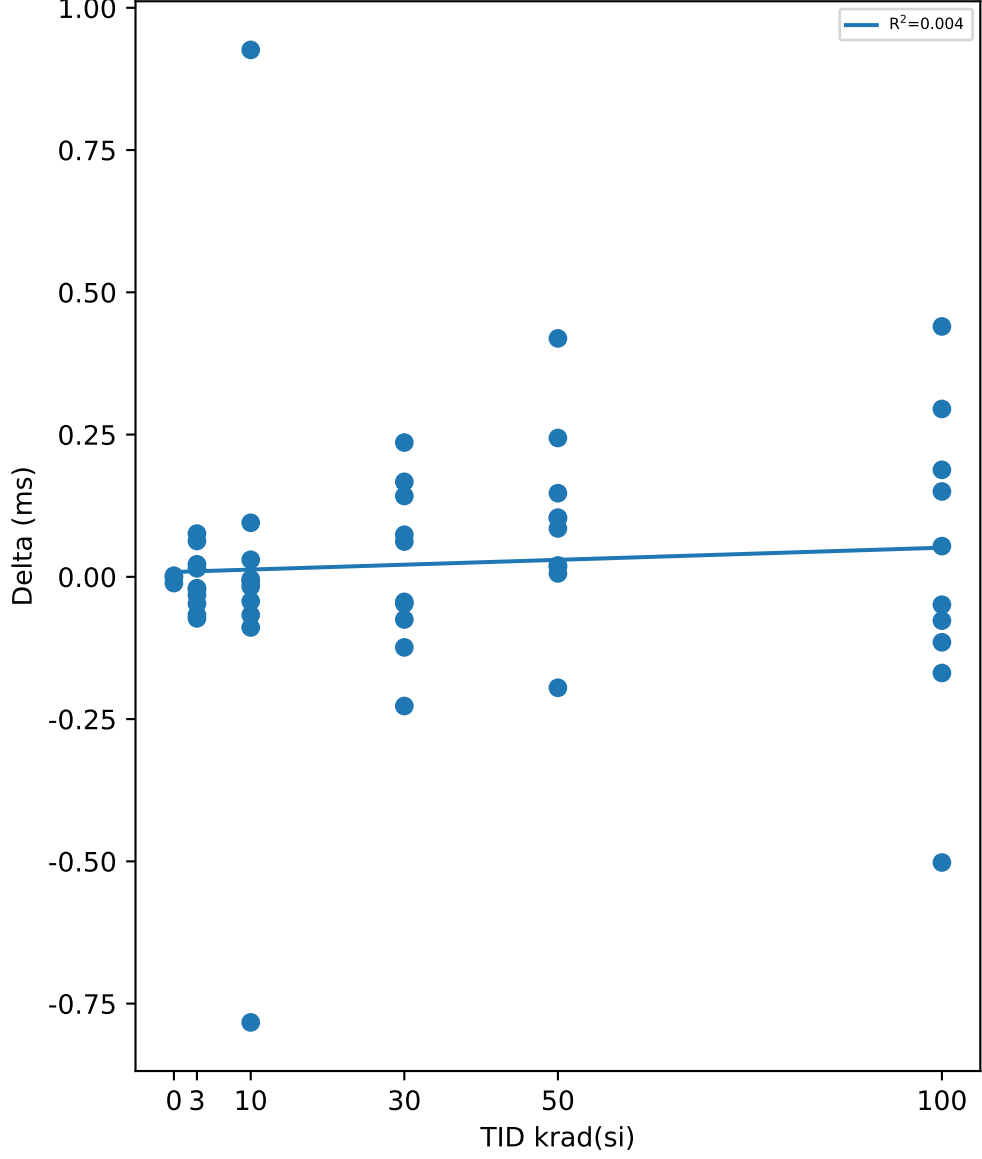
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.275	12.404	12.507	0.11817	12.271	12.407	12.519	0.12573	-0.004	0.003	0.012	0.0081854
3	12.279	12.445	12.637	0.12465	12.314	12.453	12.615	0.10497	-0.024	0.0081	0.072	0.035927
10	12.256	12.449	12.676	0.16091	12.237	12.443	12.617	0.15866	-0.225	-0.0063	0.318	0.13508
30	12.294	12.468	12.705	0.13351	12.311	12.481	12.698	0.14493	-0.052	0.0126	0.107	0.051082
50	12.205	12.403	12.593	0.12201	12.232	12.434	12.628	0.129	-0.098	0.0312	0.182	0.081062
100	12.24	12.5	12.68	0.14961	12.205	12.521	12.871	0.20411	-0.142	0.0203	0.191	0.10362

Device Test: 5.51 ; DLY_TMR_1MOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

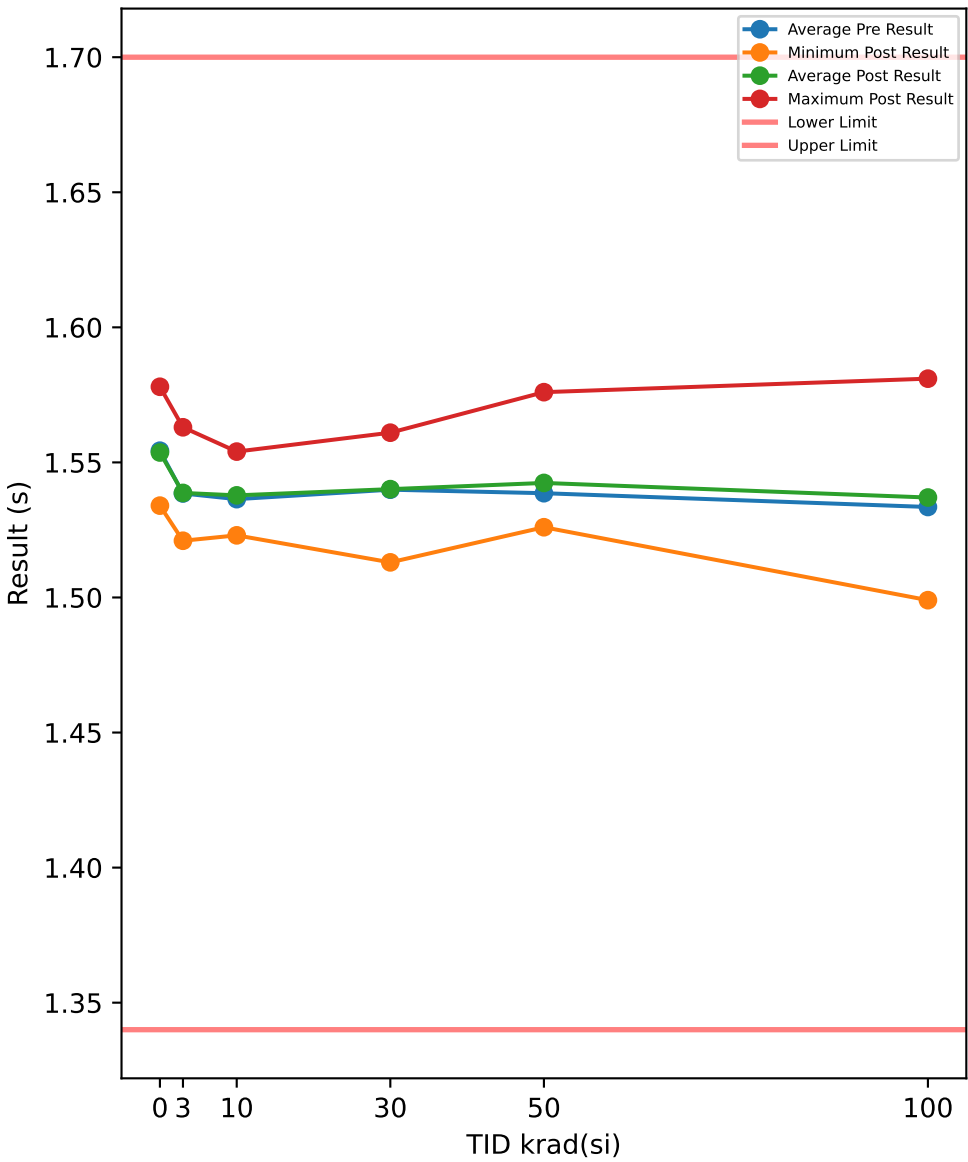
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.878	23.877	-0.001
301	0	Correlation	23.534	23.536	0.002
302	0	Correlation	23.346	23.335	-0.011
303	3	Bias	23.576	23.554	-0.022
304	3	Bias	23.654	23.717	0.063
305	3	Bias	23.973	23.926	-0.047
306	3	Bias	23.902	23.924	0.022
307	3	Bias	23.418	23.351	-0.067
308	3	Unbiased	23.218	23.294	0.076
309	3	Unbiased	24.094	24.021	-0.073
310	3	Unbiased	23.934	23.902	-0.032
311	3	Unbiased	23.596	23.611	0.015
312	3	Unbiased	23.629	23.609	-0.02
313	10	Bias	23.308	23.265	-0.043
314	10	Bias	23.634	23.545	-0.089
315	10	Bias	23.255	23.251	-0.004
316	10	Bias	23.689	23.784	0.095
317	10	Bias	24.012	24.004	-0.008
318	10	Unbiased	23.957	23.89	-0.067
319	10	Unbiased	23.221	23.204	-0.017
320	10	Unbiased	24.048	23.265	-0.783
321	10	Unbiased	23.133	24.059	0.926
322	10	Unbiased	23.939	23.969	0.03
323	30	Bias	23.817	23.693	-0.124
324	30	Bias	23.665	23.59	-0.075
325	30	Bias	23.852	23.914	0.062
326	30	Bias	23.769	24.005	0.236
327	30	Bias	23.427	23.501	0.074
328	30	Unbiased	23.765	23.721	-0.044
329	30	Unbiased	24.518	24.471	-0.047
330	30	Unbiased	24.047	23.82	-0.227
331	30	Unbiased	23.337	23.504	0.167
332	30	Unbiased	24.14	24.282	0.142
333	50	Bias	23.272	23.376	0.104
334	50	Bias	24.018	24.024	0.006
335	50	Bias	23.584	23.604	0.02
336	50	Bias	23.661	24.08	0.419
337	50	Bias	23.414	23.219	-0.195
338	50	Unbiased	23.059	23.303	0.244
339	50	Unbiased	23.237	23.384	0.147
340	50	Unbiased	23.469	23.487	0.018
341	50	Unbiased	23.879	23.982	0.103
342	50	Unbiased	23.691	23.776	0.085
343	100	Bias	23.706	23.894	0.188
344	100	Bias	23.427	23.378	-0.049
345	100	Bias	24.389	24.274	-0.115
346	100	Bias	23.588	23.086	-0.502
347	100	Bias	23.234	23.384	0.15
348	100	Unbiased	24.158	24.598	0.44
349	100	Unbiased	24.133	23.964	-0.169
350	100	Unbiased	24.051	23.974	-0.077
351	100	Unbiased	24.224	24.519	0.295
352	100	Unbiased	23.506	23.56	0.054

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.346	23.586	23.878	0.26979	23.335	23.583	23.877	0.274	-0.011	-0.0033333	0.002	0.0068069
3	23.218	23.699	24.094	0.27295	23.294	23.691	24.021	0.25138	-0.073	-0.0085	0.076	0.05128
10	23.133	23.62	24.048	0.36272	23.204	23.624	24.059	0.35411	-0.783	0.004	0.926	0.40756
30	23.337	23.834	24.518	0.34281	23.501	23.85	24.471	0.32518	-0.227	0.0164	0.236	0.14417
50	23.059	23.528	24.018	0.29765	23.219	23.623	24.08	0.32051	-0.195	0.0951	0.419	0.16114
100	23.234	23.842	24.389	0.39597	23.086	23.863	24.598	0.50806	-0.502	0.0215	0.44	0.26643

Device Test: 5.52 ; WD_TMR_1MOHM

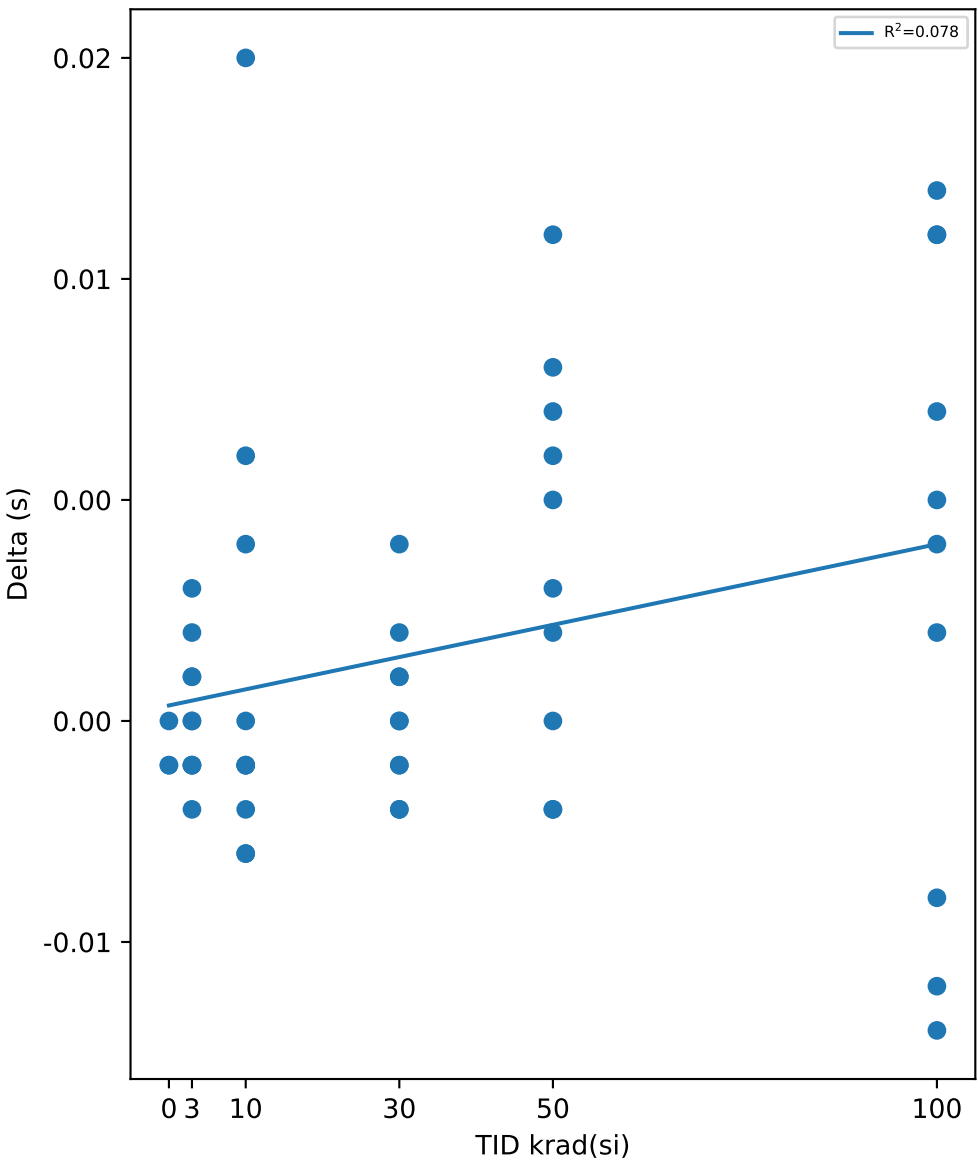
TID vs Result Stats



Test Results (Lower Limit = 1.34, Upper Limit = 1.7 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.578	1.578	0
301	0	Correlation	1.535	1.534	-0.001
302	0	Correlation	1.55	1.549	-0.001
303	3	Bias	1.56	1.563	0.003
304	3	Bias	1.528	1.528	0
305	3	Bias	1.522	1.521	-0.001
306	3	Bias	1.537	1.538	0.001
307	3	Bias	1.536	1.535	-0.001
308	3	Unbiased	1.546	1.545	-0.001
309	3	Unbiased	1.527	1.527	0
310	3	Unbiased	1.534	1.535	0.001
311	3	Unbiased	1.544	1.542	-0.002
312	3	Unbiased	1.551	1.553	0.002
313	10	Bias	1.517	1.523	0.006
314	10	Bias	1.537	1.534	-0.003
315	10	Bias	1.545	1.545	0
316	10	Bias	1.53	1.529	-0.001
317	10	Bias	1.531	1.53	-0.001
318	10	Unbiased	1.549	1.547	-0.002
319	10	Unbiased	1.542	1.546	0.004
320	10	Unbiased	1.525	1.54	0.015
321	10	Unbiased	1.533	1.53	-0.003
322	10	Unbiased	1.555	1.554	-0.001
323	30	Bias	1.518	1.516	-0.002
324	30	Bias	1.513	1.513	0
325	30	Bias	1.562	1.561	-0.001
326	30	Bias	1.539	1.538	-0.001
327	30	Bias	1.526	1.527	0.001
328	30	Unbiased	1.554	1.558	0.004
329	30	Unbiased	1.533	1.531	-0.002
330	30	Unbiased	1.554	1.555	0.001
331	30	Unbiased	1.544	1.546	0.002
332	30	Unbiased	1.556	1.556	0
333	50	Bias	1.549	1.551	0.002
334	50	Bias	1.528	1.526	-0.002
335	50	Bias	1.573	1.576	0.003
336	50	Bias	1.53	1.528	-0.002
337	50	Bias	1.525	1.531	0.006
338	50	Unbiased	1.53	1.537	0.007
339	50	Unbiased	1.524	1.529	0.005
340	50	Unbiased	1.542	1.55	0.008
341	50	Unbiased	1.522	1.533	0.011
342	50	Unbiased	1.563	1.563	0
343	100	Bias	1.542	1.535	-0.007
344	100	Bias	1.505	1.499	-0.006
345	100	Bias	1.522	1.524	0.002
346	100	Bias	1.529	1.54	0.011
347	100	Bias	1.569	1.581	0.012
348	100	Unbiased	1.511	1.515	0.004
349	100	Unbiased	1.524	1.52	-0.004
350	100	Unbiased	1.553	1.558	0.005
351	100	Unbiased	1.532	1.543	0.011
352	100	Unbiased	1.548	1.555	0.007

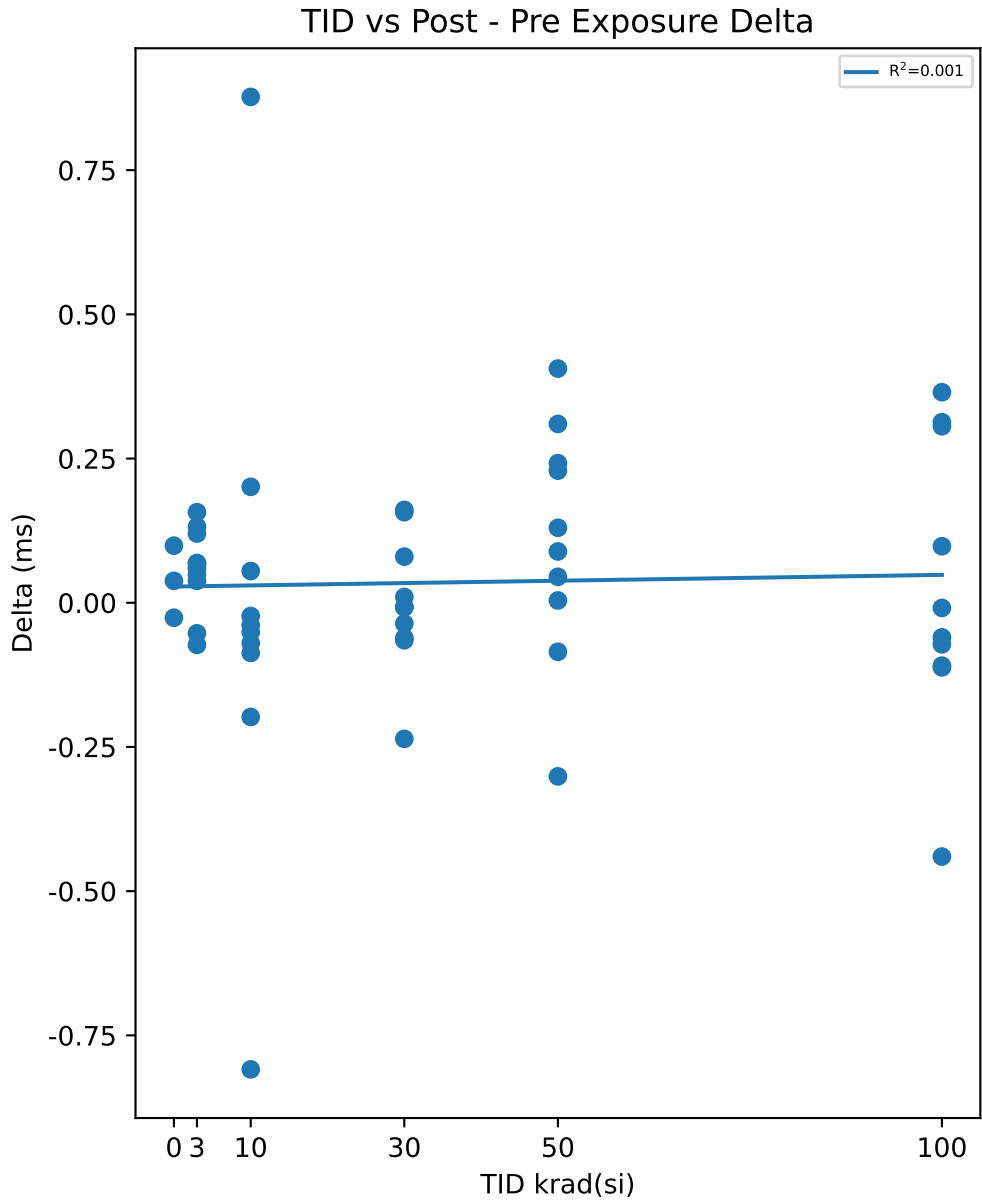
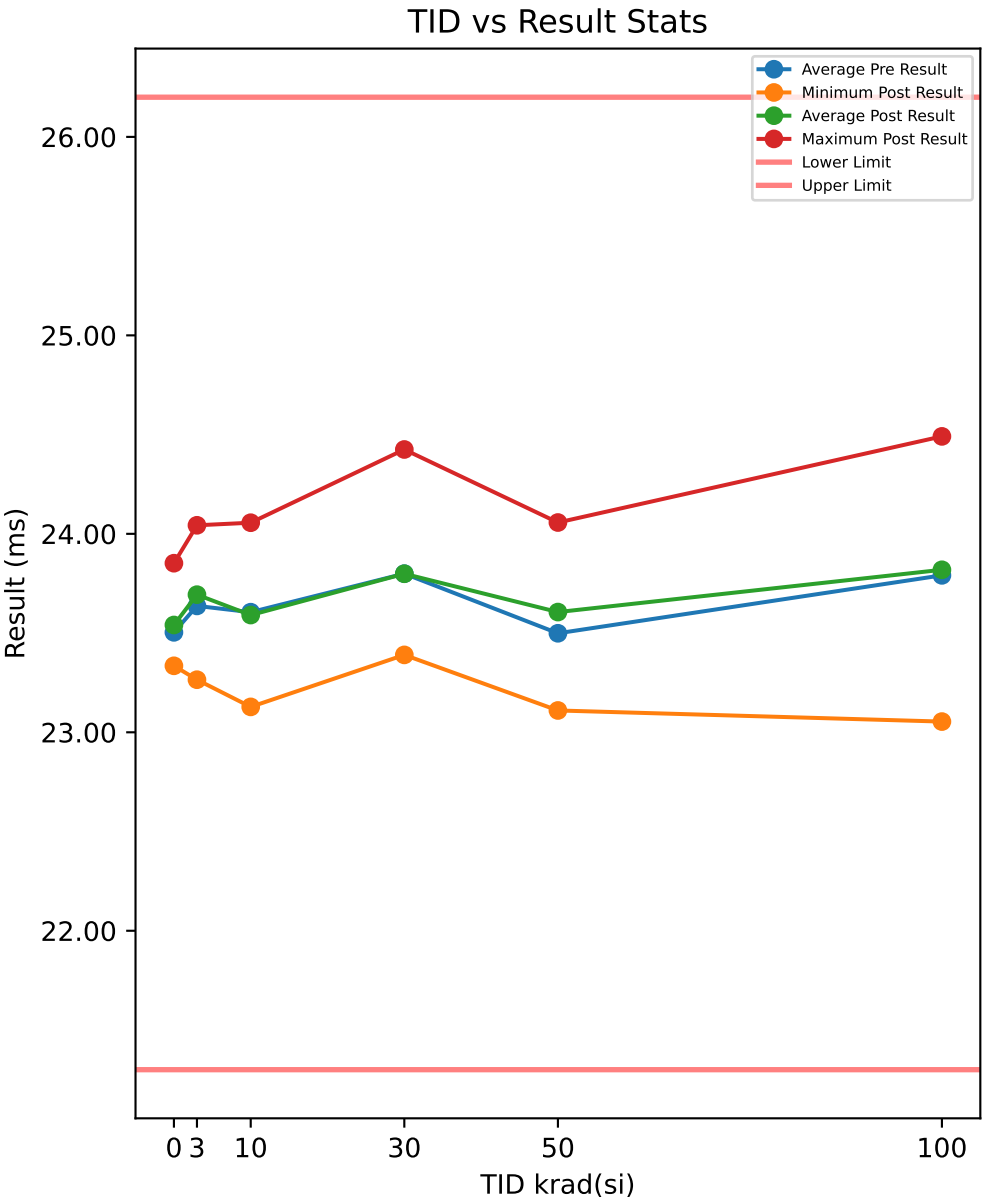
TID vs Post - Pre Exposure Delta



Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.535	1.5543	1.578	0.021825	1.534	1.5537	1.578	0.022368	-0.001	-0.00066667	0	0.00057735
3	1.522	1.5385	1.56	0.011778	1.521	1.5387	1.563	0.012641	-0.002	0.0002	0.003	0.0015492
10	1.517	1.5364	1.555	0.011539	1.523	1.5378	1.554	0.01002	-0.003	0.0014	0.015	0.0056016
30	1.513	1.5399	1.562	0.017019	1.513	1.5401	1.561	0.017767	-0.002	0.0002	0.004	0.0018738
50	1.522	1.5386	1.573	0.01774	1.526	1.5424	1.576	0.016959	-0.002	0.0038	0.011	0.0043665
100	1.505	1.5335	1.569	0.019682	1.499	1.537	1.581	0.023889	-0.007	0.0035	0.012	0.0071375

Device Test: 5.53 ; DLY_TMR_1MOHM

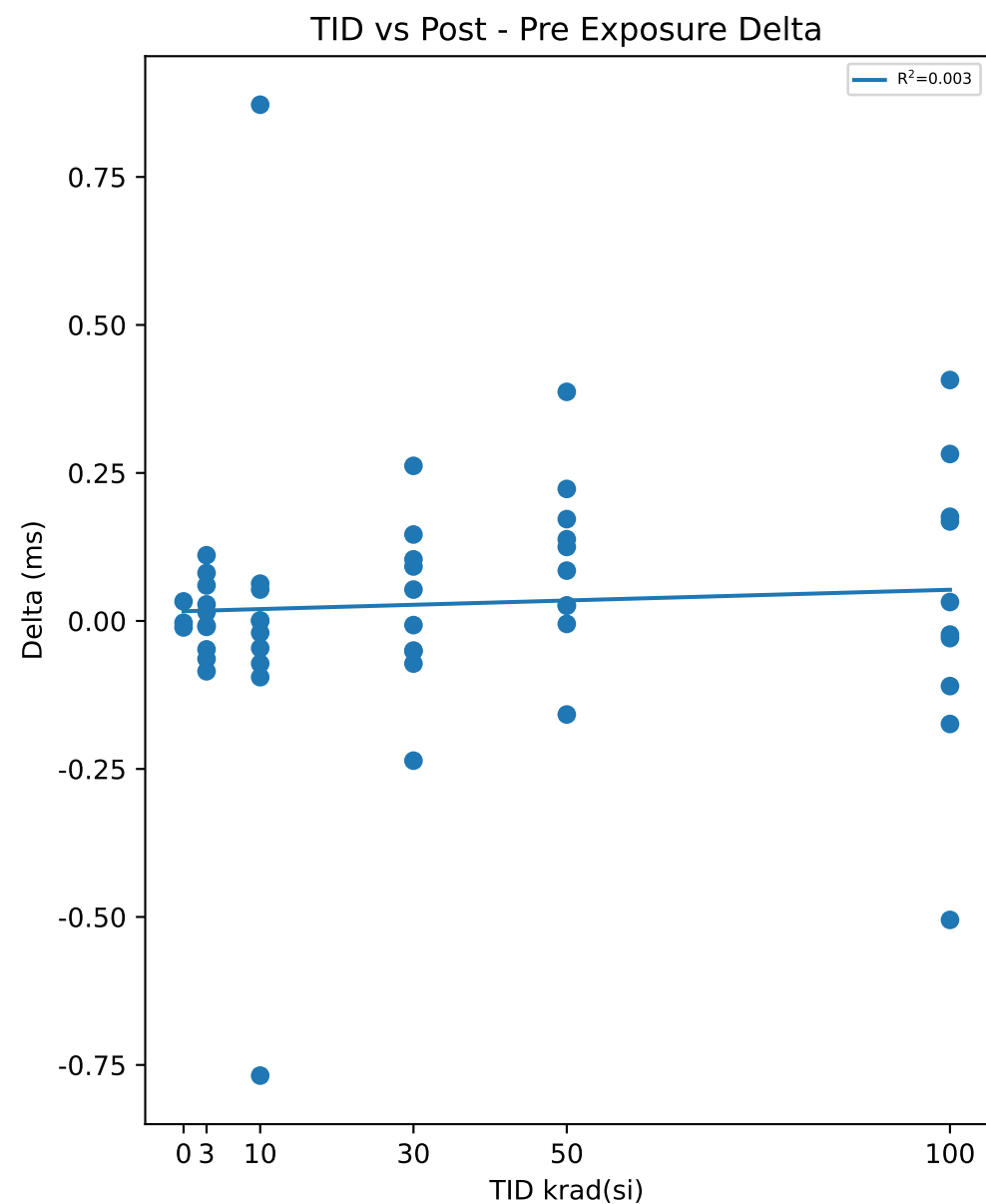
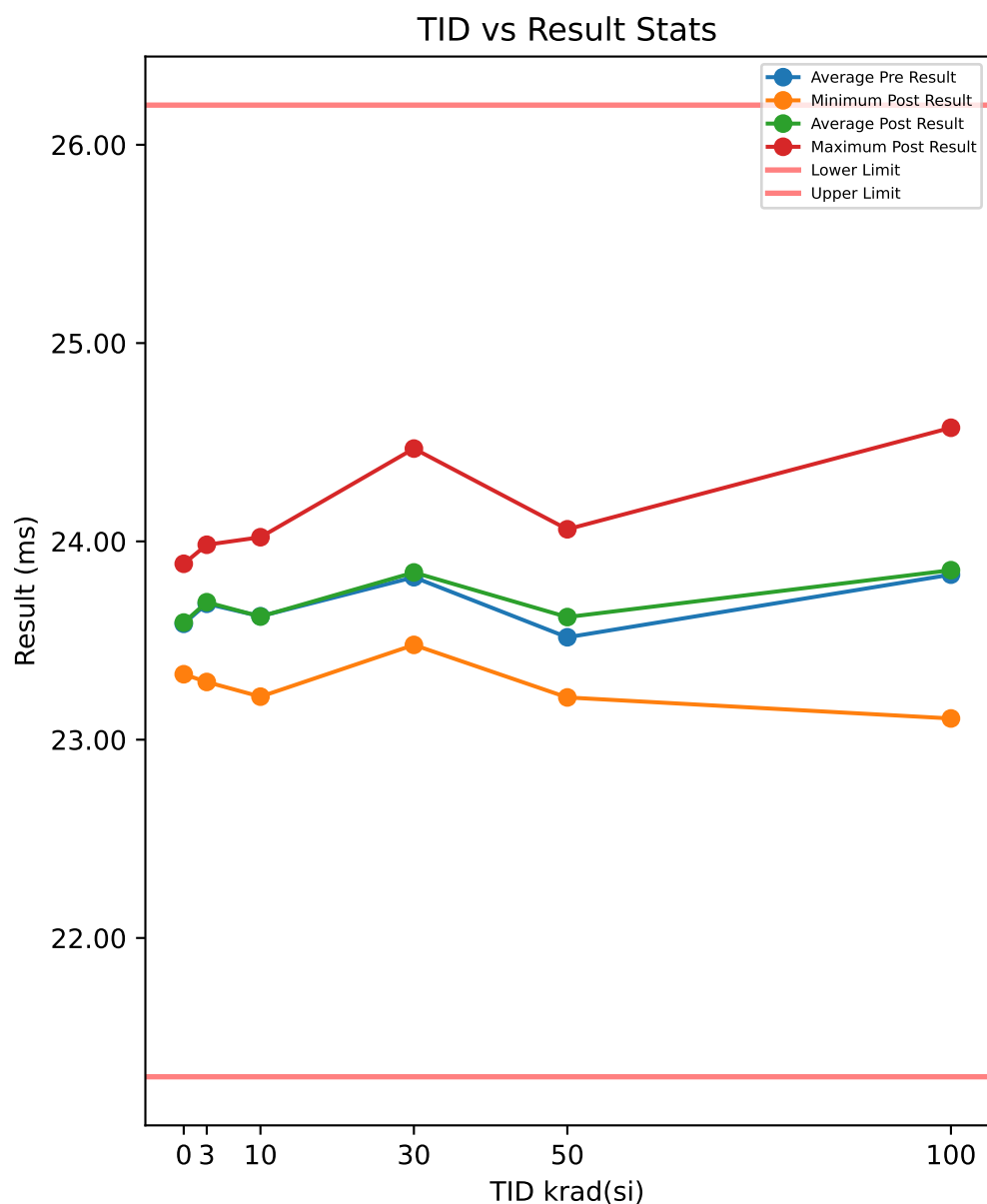


Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.814	23.852	0.038
301	0	Correlation	23.461	23.435	-0.026
302	0	Correlation	23.236	23.335	0.099
303	3	Bias	23.476	23.596	0.12
304	3	Bias	23.572	23.632	0.06
305	3	Bias	23.98	23.927	-0.053
306	3	Bias	23.804	23.936	0.132
307	3	Bias	23.365	23.433	0.068
308	3	Unbiased	23.216	23.265	0.049
309	3	Unbiased	24.005	24.043	0.038
310	3	Unbiased	23.793	23.95	0.157
311	3	Unbiased	23.589	23.658	0.069
312	3	Unbiased	23.568	23.495	-0.073
313	10	Bias	23.373	23.175	-0.198
314	10	Bias	23.547	23.477	-0.07
315	10	Bias	23.246	23.301	0.055
316	10	Bias	23.752	23.701	-0.051
317	10	Bias	24.054	24.015	-0.039
318	10	Unbiased	23.921	23.834	-0.087
319	10	Unbiased	23.151	23.128	-0.023
320	10	Unbiased	24.016	23.207	-0.809
321	10	Unbiased	23.179	24.056	0.877
322	10	Unbiased	23.813	24.014	0.201
323	30	Bias	23.739	23.678	-0.061
324	30	Bias	23.67	23.605	-0.065
325	30	Bias	23.833	23.843	0.01
326	30	Bias	23.804	23.961	0.157
327	30	Bias	23.426	23.39	-0.036
328	30	Unbiased	23.691	23.683	-0.008
329	30	Unbiased	24.432	24.425	-0.007
330	30	Unbiased	23.936	23.7	-0.236
331	30	Unbiased	23.328	23.408	0.08
332	30	Unbiased	24.134	24.295	0.161
333	50	Bias	23.203	23.445	0.242
334	50	Bias	23.876	23.921	0.045
335	50	Bias	23.635	23.55	-0.085
336	50	Bias	23.651	24.057	0.406
337	50	Bias	23.411	23.11	-0.301
338	50	Unbiased	23.03	23.34	0.31
339	50	Unbiased	23.22	23.449	0.229
340	50	Unbiased	23.414	23.503	0.089
341	50	Unbiased	23.837	23.967	0.13
342	50	Unbiased	23.712	23.716	0.004
343	100	Bias	23.62	23.926	0.306
344	100	Bias	23.485	23.373	-0.112
345	100	Bias	24.224	24.115	-0.109
346	100	Bias	23.494	23.054	-0.44
347	100	Bias	23.299	23.397	0.098
348	100	Unbiased	24.126	24.491	0.365
349	100	Unbiased	23.979	23.919	-0.06
350	100	Unbiased	24.045	23.973	-0.072
351	100	Unbiased	24.167	24.48	0.313
352	100	Unbiased	23.469	23.46	-0.009

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.236	23.504	23.814	0.29135	23.335	23.541	23.852	0.27422	-0.026	0.037	0.099	0.062506
3	23.216	23.637	24.005	0.25685	23.265	23.694	24.043	0.25964	-0.073	0.0567	0.157	0.074006
10	23.151	23.605	24.054	0.35102	23.128	23.591	24.056	0.37684	-0.809	-0.0144	0.877	0.41113
30	23.328	23.799	24.432	0.32072	23.39	23.799	24.425	0.34347	-0.236	-0.0005	0.161	0.11648
50	23.03	23.499	23.876	0.28747	23.11	23.606	24.057	0.30297	-0.301	0.1069	0.406	0.20612
100	23.299	23.791	24.224	0.34925	23.054	23.819	24.491	0.48447	-0.44	0.028	0.365	0.24799

Device Test: 5.54 ; DLY_TMR_1MOHM



Test Results (Lower Limit = 21.3,
Upper Limit = 26.2 (ms))

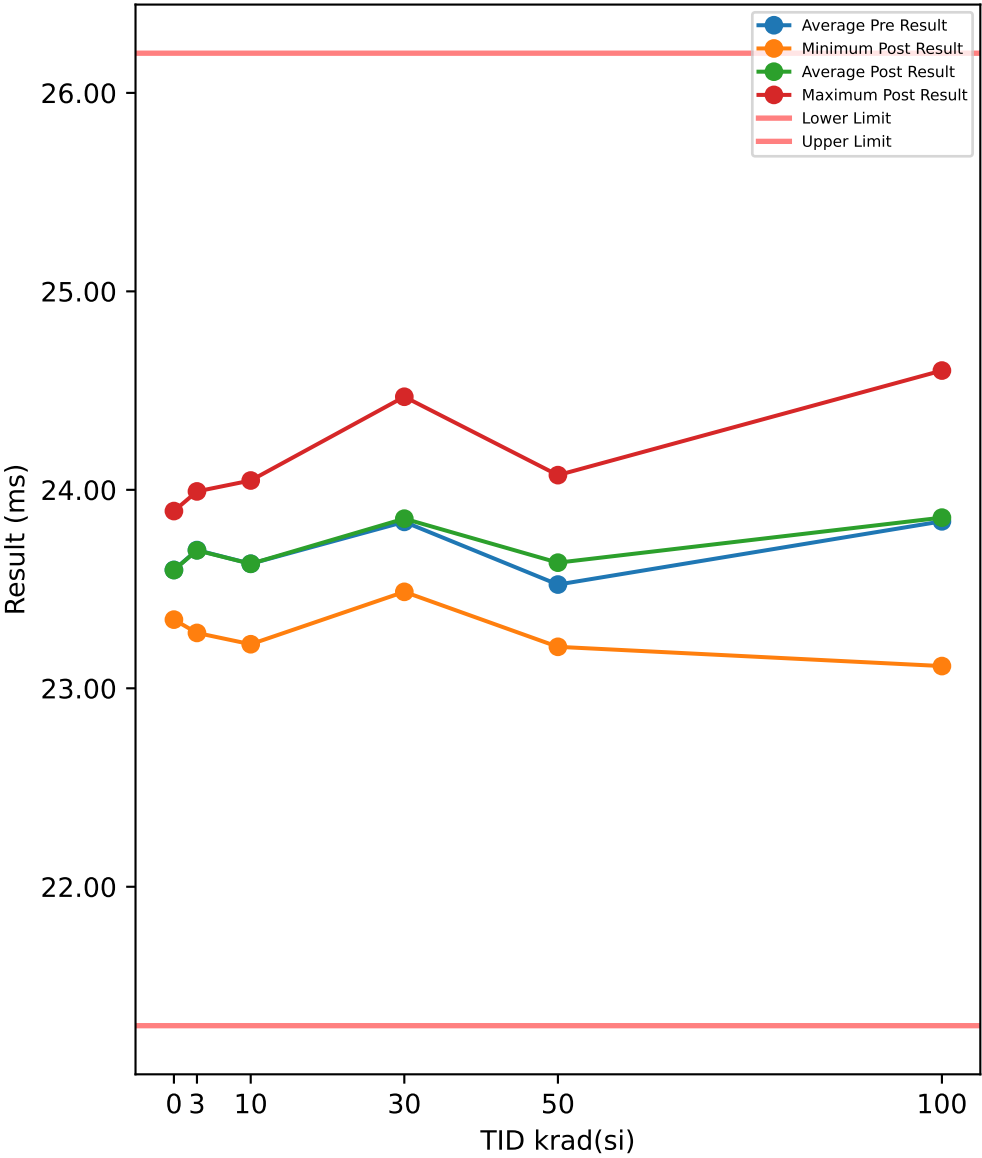
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.854	23.887	0.033
301	0	Correlation	23.558	23.555	-0.003
302	0	Correlation	23.341	23.33	-0.011
303	3	Bias	23.559	23.574	0.015
304	3	Bias	23.626	23.737	0.111
305	3	Bias	23.953	23.905	-0.048
306	3	Bias	23.891	23.919	0.028
307	3	Bias	23.428	23.364	-0.064
308	3	Unbiased	23.21	23.291	0.081
309	3	Unbiased	24.068	23.983	-0.085
310	3	Unbiased	23.925	23.917	-0.008
311	3	Unbiased	23.576	23.636	0.06
312	3	Unbiased	23.617	23.607	-0.01
313	10	Bias	23.307	23.261	-0.046
314	10	Bias	23.655	23.56	-0.095
315	10	Bias	23.247	23.248	0.001
316	10	Bias	23.717	23.78	0.063
317	10	Bias	23.999	23.999	0
318	10	Unbiased	23.958	23.886	-0.072
319	10	Unbiased	23.237	23.217	-0.02
320	10	Unbiased	24.019	23.251	-0.768
321	10	Unbiased	23.149	24.021	0.872
322	10	Unbiased	23.934	23.987	0.053
323	30	Bias	23.767	23.695	-0.072
324	30	Bias	23.66	23.609	-0.051
325	30	Bias	23.852	23.905	0.053
326	30	Bias	23.739	24.001	0.262
327	30	Bias	23.386	23.478	0.092
328	30	Unbiased	23.78	23.73	-0.05
329	30	Unbiased	24.475	24.468	-0.007
330	30	Unbiased	24.039	23.803	-0.236
331	30	Unbiased	23.357	23.503	0.146
332	30	Unbiased	24.137	24.241	0.104
333	50	Bias	23.264	23.389	0.125
334	50	Bias	24.019	24.045	0.026
335	50	Bias	23.577	23.572	-0.005
336	50	Bias	23.674	24.061	0.387
337	50	Bias	23.371	23.213	-0.158
338	50	Unbiased	23.036	23.259	0.223
339	50	Unbiased	23.233	23.405	0.172
340	50	Unbiased	23.464	23.49	0.026
341	50	Unbiased	23.841	23.979	0.138
342	50	Unbiased	23.685	23.77	0.085
343	100	Bias	23.7	23.868	0.168
344	100	Bias	23.409	23.386	-0.023
345	100	Bias	24.384	24.274	-0.11
346	100	Bias	23.612	23.107	-0.505
347	100	Bias	23.202	23.378	0.176
348	100	Unbiased	24.166	24.573	0.407
349	100	Unbiased	24.127	23.953	-0.174
350	100	Unbiased	24.012	23.983	-0.029
351	100	Unbiased	24.218	24.5	0.282
352	100	Unbiased	23.493	23.525	0.032

Test Statistics (ms)

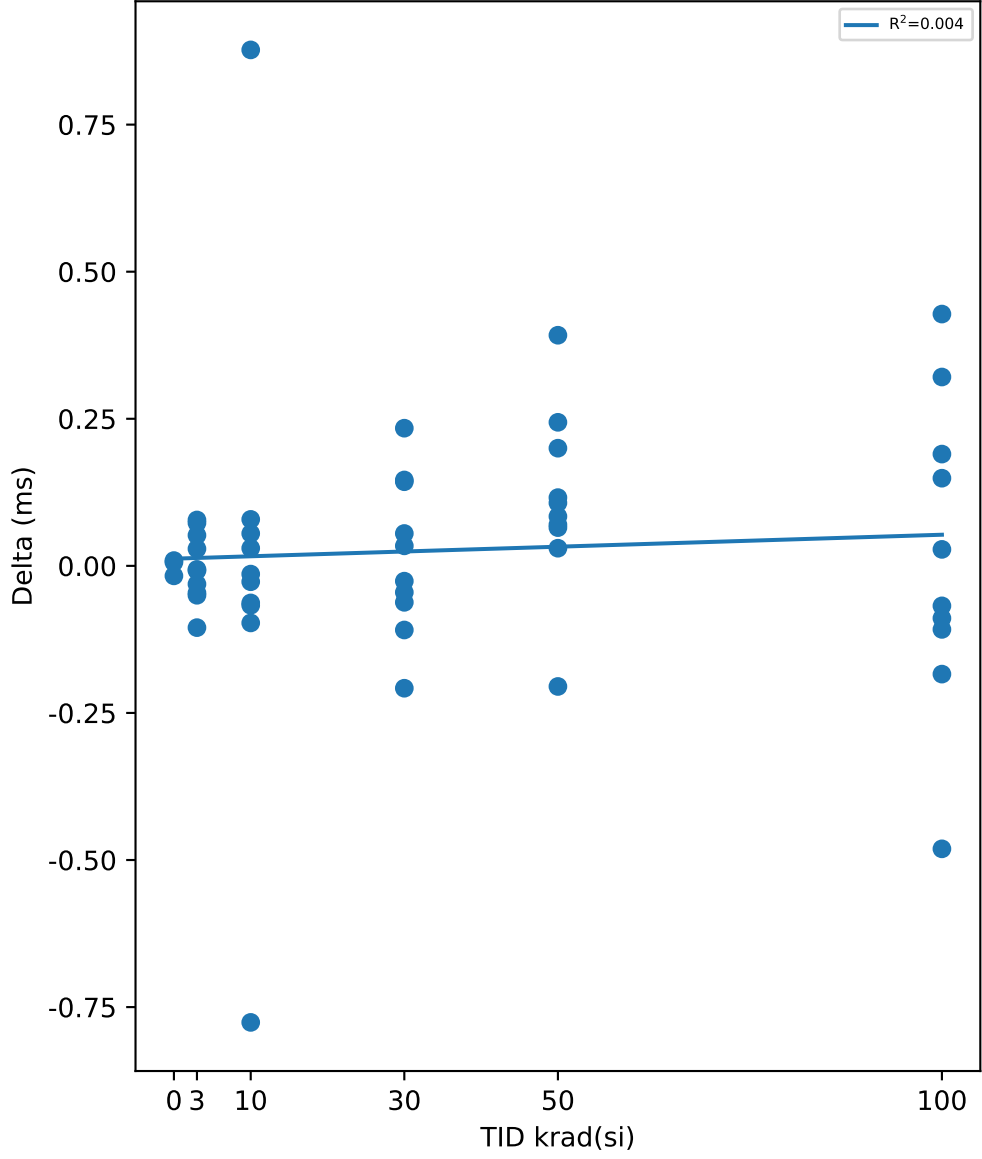
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.341	23.584	23.854	0.25751	23.33	23.591	23.887	0.28021	-0.011	0.0063333	0.033	0.023438
3	23.21	23.685	24.068	0.26793	23.291	23.693	23.983	0.24196	-0.085	0.008	0.111	0.063805
10	23.149	23.622	24.019	0.35464	23.217	23.621	24.021	0.35038	-0.768	-0.0012	0.872	0.39068
30	23.357	23.819	24.475	0.33628	23.478	23.843	24.468	0.31932	-0.236	0.0241	0.262	0.13835
50	23.036	23.516	24.019	0.30067	23.213	23.618	24.061	0.32339	-0.158	0.1019	0.387	0.14662
100	23.202	23.832	24.384	0.40017	23.107	23.855	24.573	0.49991	-0.505	0.0224	0.407	0.25802

Device Test: 5.55 ; DLY_TMR_1MOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta



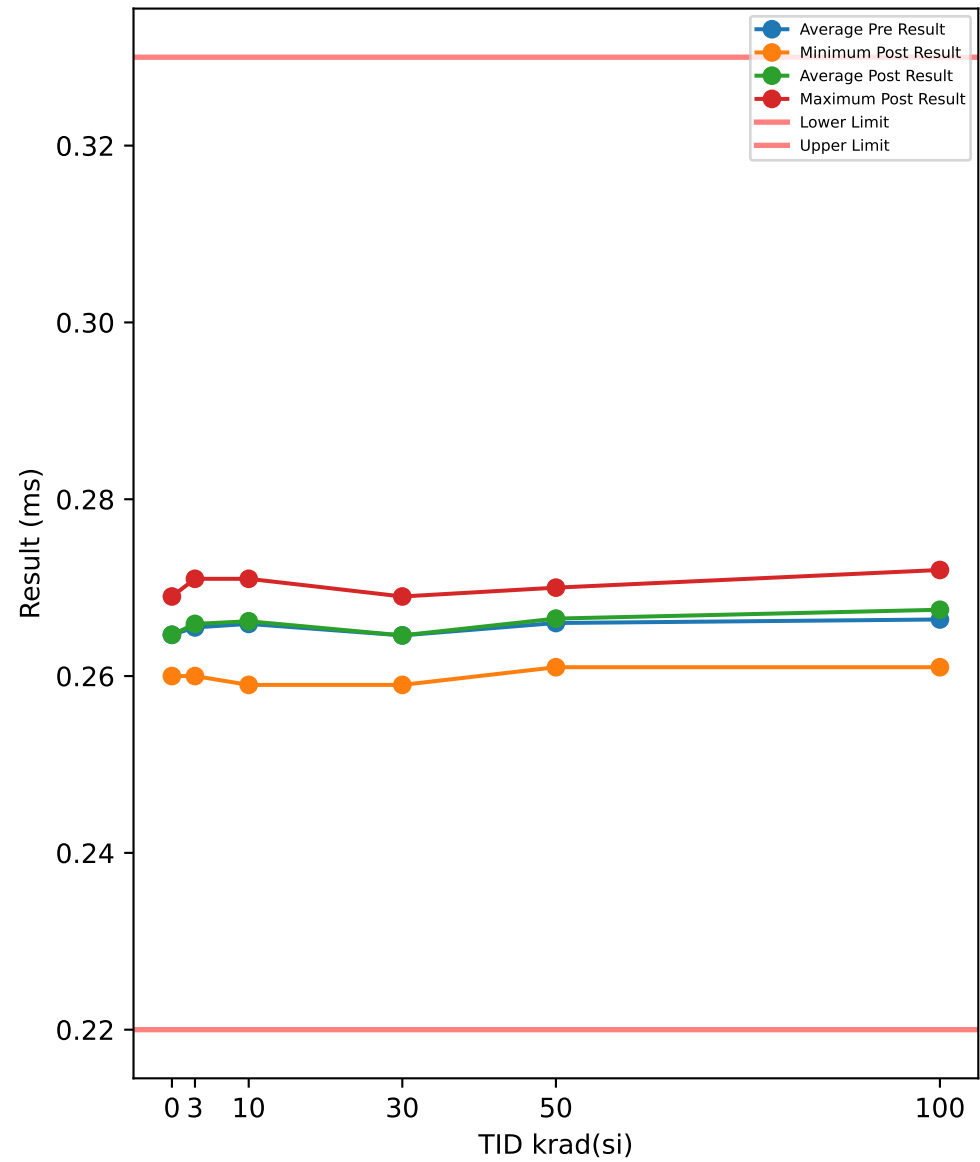
Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.884	23.893	0.009
301	0	Correlation	23.565	23.548	-0.017
302	0	Correlation	23.34	23.346	0.006
303	3	Bias	23.577	23.546	-0.031
304	3	Bias	23.656	23.729	0.073
305	3	Bias	23.975	23.929	-0.046
306	3	Bias	23.874	23.926	0.052
307	3	Bias	23.434	23.384	-0.05
308	3	Unbiased	23.201	23.279	0.078
309	3	Unbiased	24.097	23.992	-0.105
310	3	Unbiased	23.935	23.927	-0.008
311	3	Unbiased	23.596	23.625	0.029
312	3	Unbiased	23.619	23.613	-0.006
313	10	Bias	23.313	23.246	-0.067
314	10	Bias	23.665	23.568	-0.097
315	10	Bias	23.212	23.242	0.03
316	10	Bias	23.707	23.786	0.079
317	10	Bias	24.021	24.007	-0.014
318	10	Unbiased	23.953	23.89	-0.063
319	10	Unbiased	23.249	23.222	-0.027
320	10	Unbiased	24.045	23.269	-0.776
321	10	Unbiased	23.17	24.047	0.877
322	10	Unbiased	23.94	23.995	0.055
323	30	Bias	23.814	23.705	-0.109
324	30	Bias	23.666	23.604	-0.062
325	30	Bias	23.883	23.917	0.034
326	30	Bias	23.77	24.004	0.234
327	30	Bias	23.431	23.486	0.055
328	30	Unbiased	23.782	23.737	-0.045
329	30	Unbiased	24.495	24.469	-0.026
330	30	Unbiased	24.032	23.824	-0.208
331	30	Unbiased	23.368	23.511	0.143
332	30	Unbiased	24.144	24.29	0.146
333	50	Bias	23.289	23.405	0.116
334	50	Bias	23.988	24.053	0.065
335	50	Bias	23.576	23.606	0.03
336	50	Bias	23.682	24.074	0.392
337	50	Bias	23.414	23.209	-0.205
338	50	Unbiased	23.059	23.303	0.244
339	50	Unbiased	23.211	23.411	0.2
340	50	Unbiased	23.436	23.506	0.07
341	50	Unbiased	23.878	23.985	0.107
342	50	Unbiased	23.694	23.778	0.084
343	100	Bias	23.707	23.897	0.19
344	100	Bias	23.435	23.367	-0.068
345	100	Bias	24.384	24.276	-0.108
346	100	Bias	23.593	23.112	-0.481
347	100	Bias	23.237	23.386	0.149
348	100	Unbiased	24.173	24.601	0.428
349	100	Unbiased	24.123	23.939	-0.184
350	100	Unbiased	24.053	23.964	-0.089
351	100	Unbiased	24.2	24.521	0.321
352	100	Unbiased	23.508	23.536	0.028

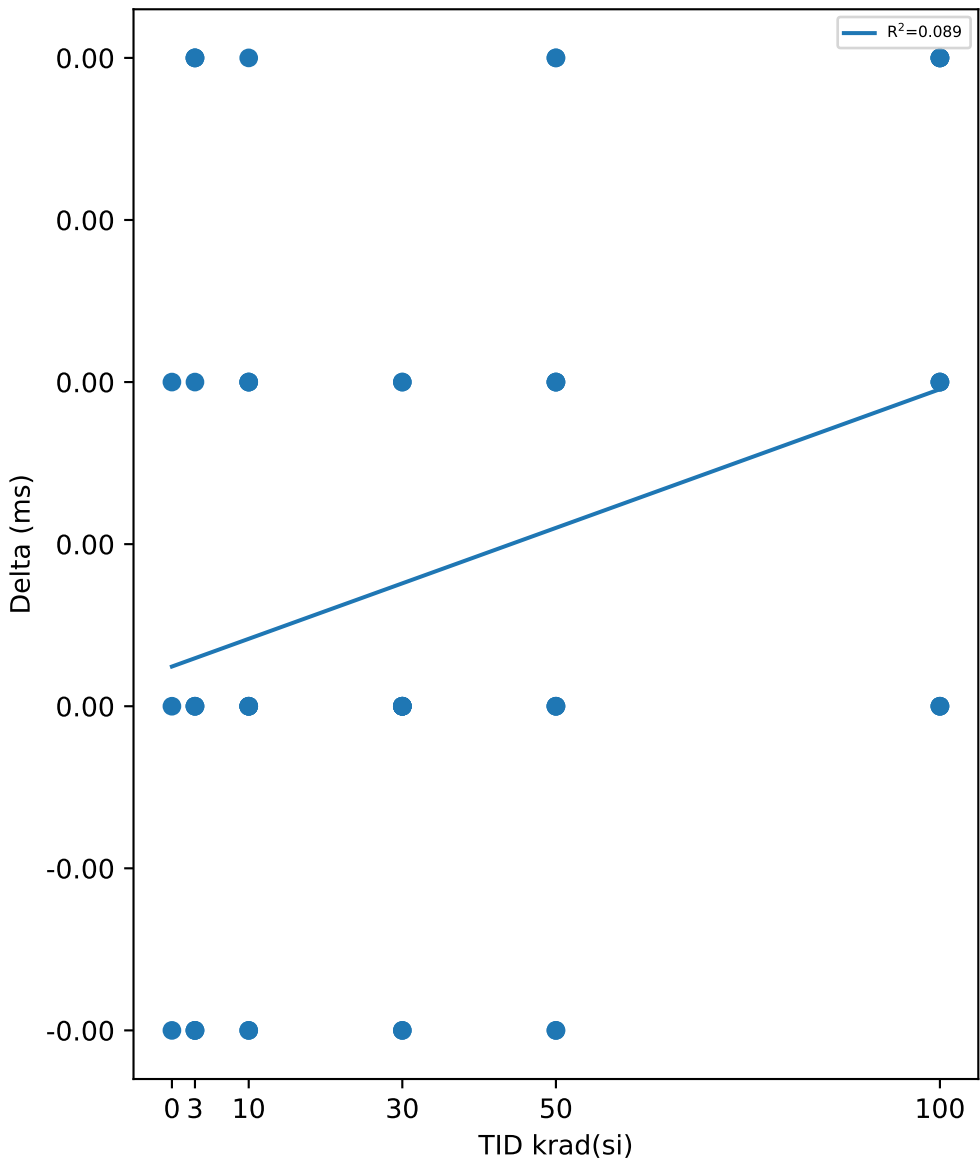
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.34	23.596	23.884	0.27335	23.346	23.596	23.893	0.2766	-0.017	-0.00066667	0.009	0.014224
3	23.201	23.696	24.097	0.27342	23.279	23.695	23.992	0.24831	-0.105	-0.0014	0.078	0.059292
10	23.17	23.628	24.045	0.35972	23.222	23.627	24.047	0.35586	-0.776	-0.0003	0.877	0.39444
30	23.368	23.838	24.495	0.33156	23.486	23.855	24.469	0.32441	-0.208	0.0162	0.234	0.13324
50	23.059	23.523	23.988	0.2956	23.209	23.633	24.074	0.32018	-0.205	0.1103	0.392	0.15476
100	23.237	23.841	24.384	0.39135	23.112	23.86	24.601	0.50659	-0.481	0.0186	0.428	0.26484

TID vs Result Stats



TID vs Post - Pre Exposure Delta



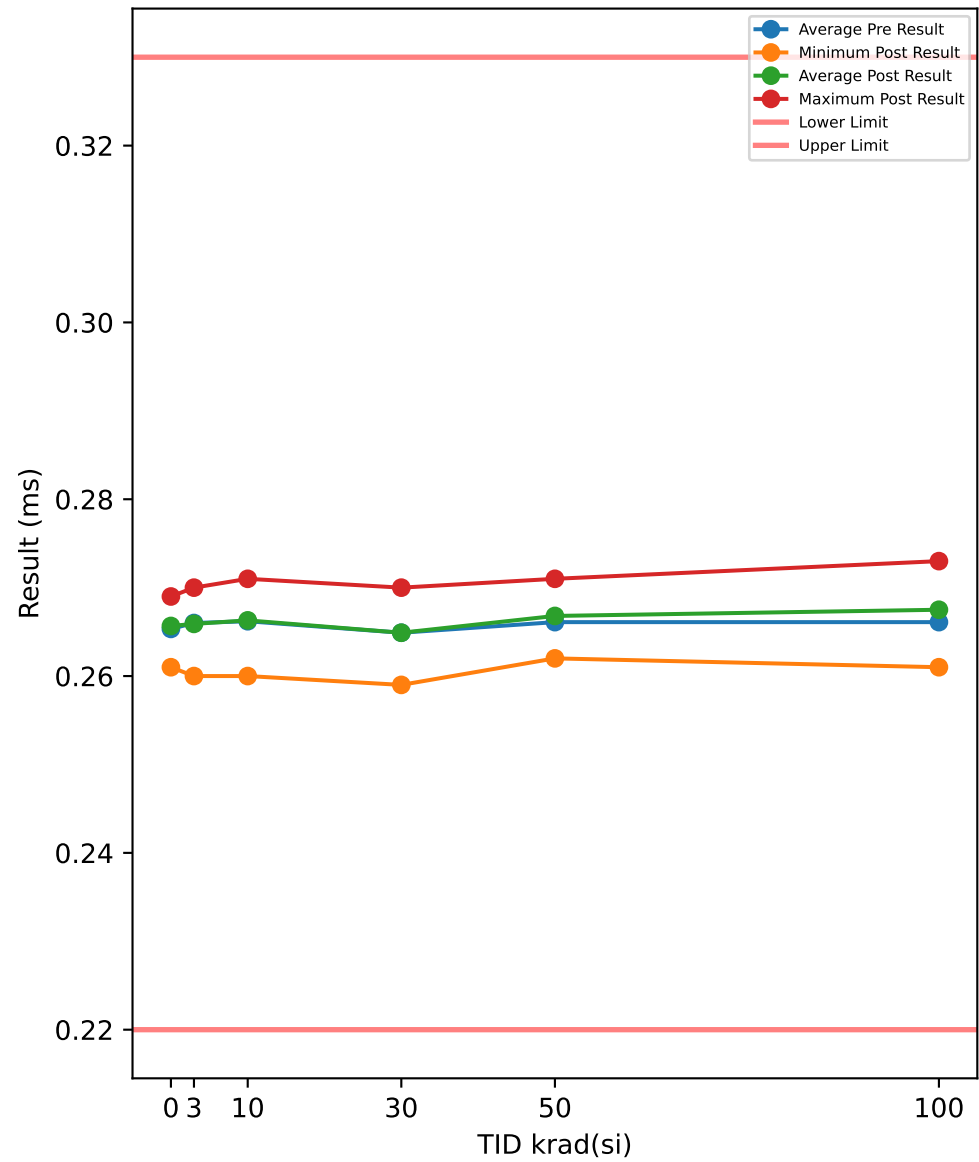
Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.268	0.269	0.001
301	0	Correlation	0.266	0.265	-0.001
302	0	Correlation	0.26	0.26	0
303	3	Bias	0.262	0.261	-0.001
304	3	Bias	0.26	0.26	0
305	3	Bias	0.269	0.269	0
306	3	Bias	0.267	0.268	0.001
307	3	Bias	0.269	0.268	-0.001
308	3	Unbiased	0.268	0.267	-0.001
309	3	Unbiased	0.269	0.271	0.002
310	3	Unbiased	0.269	0.271	0.002
311	3	Unbiased	0.262	0.262	0
312	3	Unbiased	0.26	0.262	0.002
313	10	Bias	0.26	0.261	0.001
314	10	Bias	0.26	0.259	-0.001
315	10	Bias	0.262	0.261	-0.001
316	10	Bias	0.268	0.268	0
317	10	Bias	0.269	0.27	0.001
318	10	Unbiased	0.271	0.271	0
319	10	Unbiased	0.261	0.261	0
320	10	Unbiased	0.269	0.27	0.001
321	10	Unbiased	0.268	0.27	0.002
322	10	Unbiased	0.271	0.271	0
323	30	Bias	0.262	0.262	0
324	30	Bias	0.261	0.262	0.001
325	30	Bias	0.268	0.269	0.001
326	30	Bias	0.267	0.267	0
327	30	Bias	0.259	0.259	0
328	30	Unbiased	0.269	0.268	-0.001
329	30	Unbiased	0.263	0.263	0
330	30	Unbiased	0.259	0.259	0
331	30	Unbiased	0.27	0.269	-0.001
332	30	Unbiased	0.268	0.268	0
333	50	Bias	0.267	0.268	0.001
334	50	Bias	0.268	0.269	0.001
335	50	Bias	0.261	0.261	0
336	50	Bias	0.268	0.27	0.002
337	50	Bias	0.261	0.261	0
338	50	Unbiased	0.267	0.266	-0.001
339	50	Unbiased	0.266	0.267	0.001
340	50	Unbiased	0.269	0.269	0
341	50	Unbiased	0.27	0.269	-0.001
342	50	Unbiased	0.263	0.265	0.002
343	100	Bias	0.269	0.27	0.001
344	100	Bias	0.267	0.269	0.002
345	100	Bias	0.263	0.263	0
346	100	Bias	0.262	0.264	0.002
347	100	Bias	0.263	0.264	0.001
348	100	Unbiased	0.272	0.272	0
349	100	Unbiased	0.261	0.261	0
350	100	Unbiased	0.27	0.272	0.002
351	100	Unbiased	0.27	0.271	0.001
352	100	Unbiased	0.267	0.269	0.002

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.26467	0.268	0.0041633	0.26	0.26467	0.269	0.0045092	-0.001	0	0.001	0.001
3	0.26	0.2655	0.269	0.0039791	0.26	0.2659	0.271	0.0042282	-0.001	0.0004	0.002	0.0012649
10	0.26	0.2659	0.271	0.0045814	0.259	0.2662	0.271	0.0050067	-0.001	0.0003	0.002	0.00094868
30	0.259	0.2646	0.27	0.0042479	0.259	0.2646	0.269	0.0040332	-0.001	0	0.001	0.00066667
50	0.261	0.266	0.27	0.0032318	0.261	0.2665	0.27	0.0032745	-0.001	0.0005	0.002	0.0010801
100	0.261	0.2664	0.272	0.003893	0.261	0.2675	0.272	0.0040893	0	0.0011	0.002	0.0008756

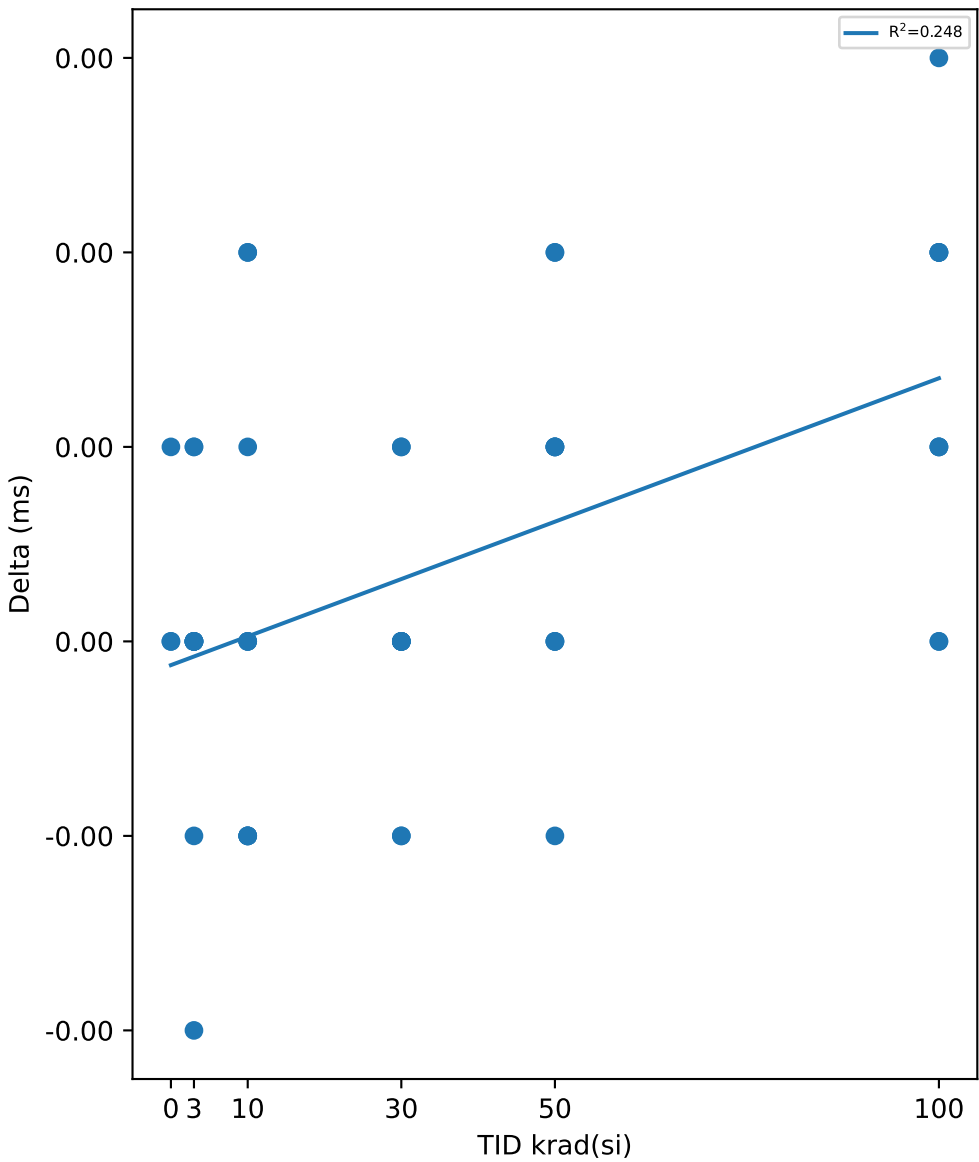
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.268	0.269	0.001
301	0	Correlation	0.267	0.267	0
302	0	Correlation	0.261	0.261	0
303	3	Bias	0.263	0.261	-0.002
304	3	Bias	0.259	0.26	0.001
305	3	Bias	0.27	0.27	0
306	3	Bias	0.268	0.268	0
307	3	Bias	0.269	0.27	0.001
308	3	Unbiased	0.269	0.268	-0.001
309	3	Unbiased	0.27	0.27	0
310	3	Unbiased	0.27	0.27	0
311	3	Unbiased	0.261	0.261	0
312	3	Unbiased	0.261	0.261	0
313	10	Bias	0.261	0.261	0
314	10	Bias	0.26	0.26	0
315	10	Bias	0.261	0.261	0
316	10	Bias	0.267	0.269	0.002
317	10	Bias	0.27	0.269	-0.001
318	10	Unbiased	0.272	0.271	-0.001
319	10	Unbiased	0.262	0.261	-0.001
320	10	Unbiased	0.269	0.27	0.001
321	10	Unbiased	0.269	0.271	0.002
322	10	Unbiased	0.271	0.27	-0.001
323	30	Bias	0.262	0.262	0
324	30	Bias	0.261	0.262	0.001
325	30	Bias	0.269	0.27	0.001
326	30	Bias	0.267	0.267	0
327	30	Bias	0.259	0.259	0
328	30	Unbiased	0.269	0.269	0
329	30	Unbiased	0.263	0.262	-0.001
330	30	Unbiased	0.26	0.259	-0.001
331	30	Unbiased	0.27	0.27	0
332	30	Unbiased	0.269	0.269	0
333	50	Bias	0.267	0.268	0.001
334	50	Bias	0.269	0.269	0
335	50	Bias	0.261	0.262	0.001
336	50	Bias	0.27	0.271	0.001
337	50	Bias	0.261	0.262	0.001
338	50	Unbiased	0.267	0.267	0
339	50	Unbiased	0.265	0.267	0.002
340	50	Unbiased	0.269	0.269	0
341	50	Unbiased	0.27	0.269	-0.001
342	50	Unbiased	0.262	0.264	0.002
343	100	Bias	0.268	0.27	0.002
344	100	Bias	0.268	0.268	0
345	100	Bias	0.262	0.264	0.002
346	100	Bias	0.262	0.263	0.001
347	100	Bias	0.262	0.264	0.002
348	100	Unbiased	0.27	0.273	0.003
349	100	Unbiased	0.261	0.261	0
350	100	Unbiased	0.271	0.272	0.001
351	100	Unbiased	0.27	0.271	0.001
352	100	Unbiased	0.267	0.269	0.002

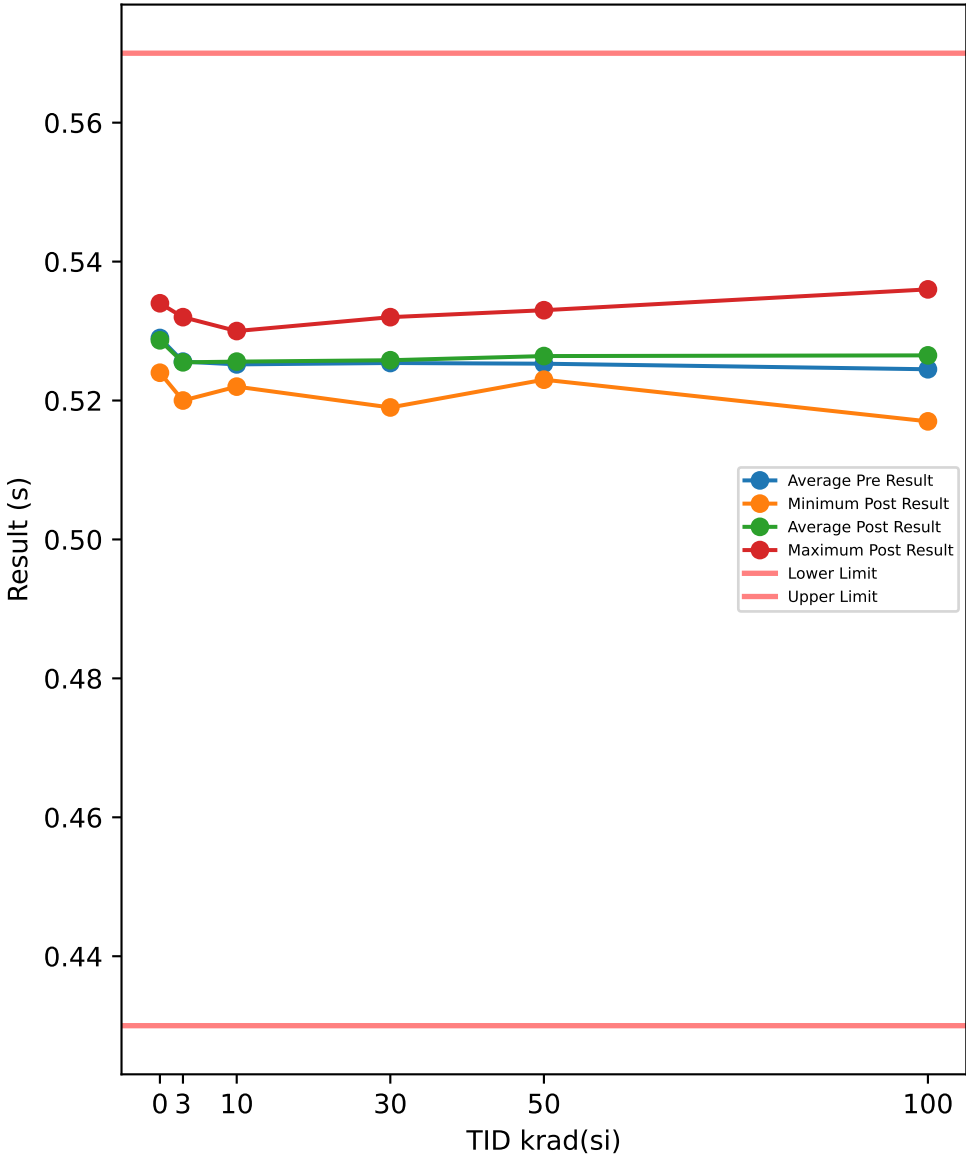
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.26533	0.268	0.0037859	0.261	0.26567	0.269	0.0041633	0	0.00033333	0.001	0.00057735
3	0.259	0.266	0.27	0.0044472	0.26	0.2659	0.27	0.004508	-0.002	-0.0001	0.001	0.0008756
10	0.26	0.2662	0.272	0.0046857	0.26	0.2663	0.271	0.0048316	-0.001	0.0001	0.002	0.0011972
30	0.259	0.2649	0.27	0.0043063	0.259	0.2649	0.27	0.0045326	-0.001	0	0.001	0.00066667
50	0.261	0.2661	0.27	0.0036347	0.262	0.2668	0.271	0.0031198	-0.001	0.0007	0.002	0.00094868
100	0.261	0.2661	0.271	0.0039285	0.261	0.2675	0.273	0.0041966	0	0.0014	0.003	0.00096609

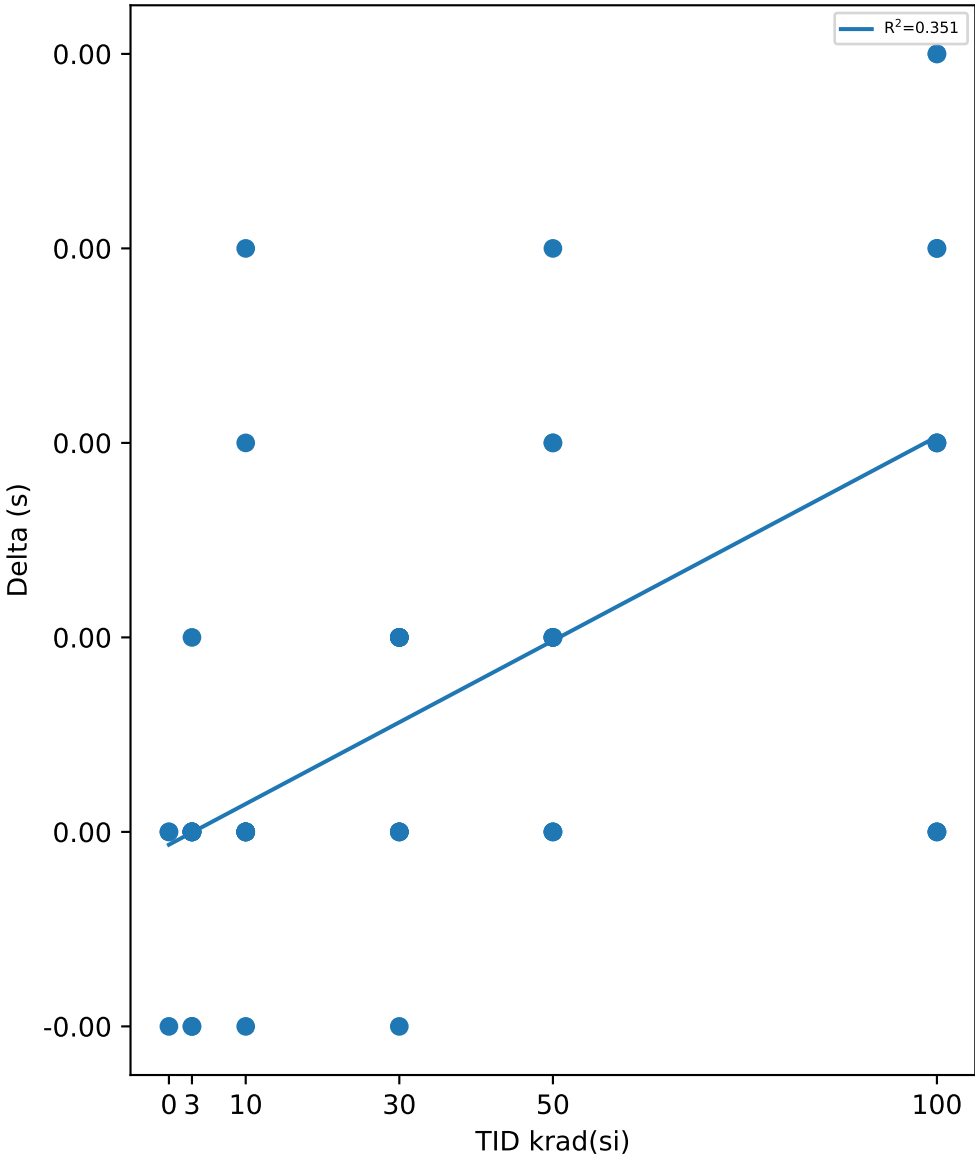
TID vs Result Stats



Test Results (Lower Limit = 0.43, Upper Limit = 0.57 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.534	0.534	0
301	0	Correlation	0.525	0.524	-0.001
302	0	Correlation	0.528	0.528	0
303	3	Bias	0.531	0.532	0.001
304	3	Bias	0.524	0.524	0
305	3	Bias	0.521	0.52	-0.001
306	3	Bias	0.526	0.526	0
307	3	Bias	0.524	0.524	0
308	3	Unbiased	0.529	0.528	-0.001
309	3	Unbiased	0.524	0.524	0
310	3	Unbiased	0.525	0.525	0
311	3	Unbiased	0.526	0.526	0
312	3	Unbiased	0.526	0.526	0
313	10	Bias	0.52	0.522	0.002
314	10	Bias	0.526	0.526	0
315	10	Bias	0.528	0.528	0
316	10	Bias	0.524	0.524	0
317	10	Bias	0.523	0.523	0
318	10	Unbiased	0.527	0.527	0
319	10	Unbiased	0.526	0.526	0
320	10	Unbiased	0.523	0.526	0.003
321	10	Unbiased	0.524	0.524	0
322	10	Unbiased	0.531	0.53	-0.001
323	30	Bias	0.521	0.52	-0.001
324	30	Bias	0.518	0.519	0.001
325	30	Bias	0.532	0.532	0
326	30	Bias	0.524	0.525	0.001
327	30	Bias	0.522	0.522	0
328	30	Unbiased	0.529	0.53	0.001
329	30	Unbiased	0.525	0.525	0
330	30	Unbiased	0.528	0.529	0.001
331	30	Unbiased	0.527	0.528	0.001
332	30	Unbiased	0.528	0.528	0
333	50	Bias	0.525	0.525	0
334	50	Bias	0.524	0.524	0
335	50	Bias	0.532	0.533	0.001
336	50	Bias	0.522	0.523	0.001
337	50	Bias	0.524	0.525	0.001
338	50	Unbiased	0.524	0.525	0.001
339	50	Unbiased	0.523	0.525	0.002
340	50	Unbiased	0.526	0.528	0.002
341	50	Unbiased	0.522	0.525	0.003
342	50	Unbiased	0.531	0.531	0
343	100	Bias	0.526	0.526	0
344	100	Bias	0.517	0.517	0
345	100	Bias	0.522	0.524	0.002
346	100	Bias	0.523	0.527	0.004
347	100	Bias	0.533	0.536	0.003
348	100	Unbiased	0.519	0.521	0.002
349	100	Unbiased	0.523	0.523	0
350	100	Unbiased	0.529	0.533	0.004
351	100	Unbiased	0.524	0.527	0.003
352	100	Unbiased	0.529	0.531	0.002

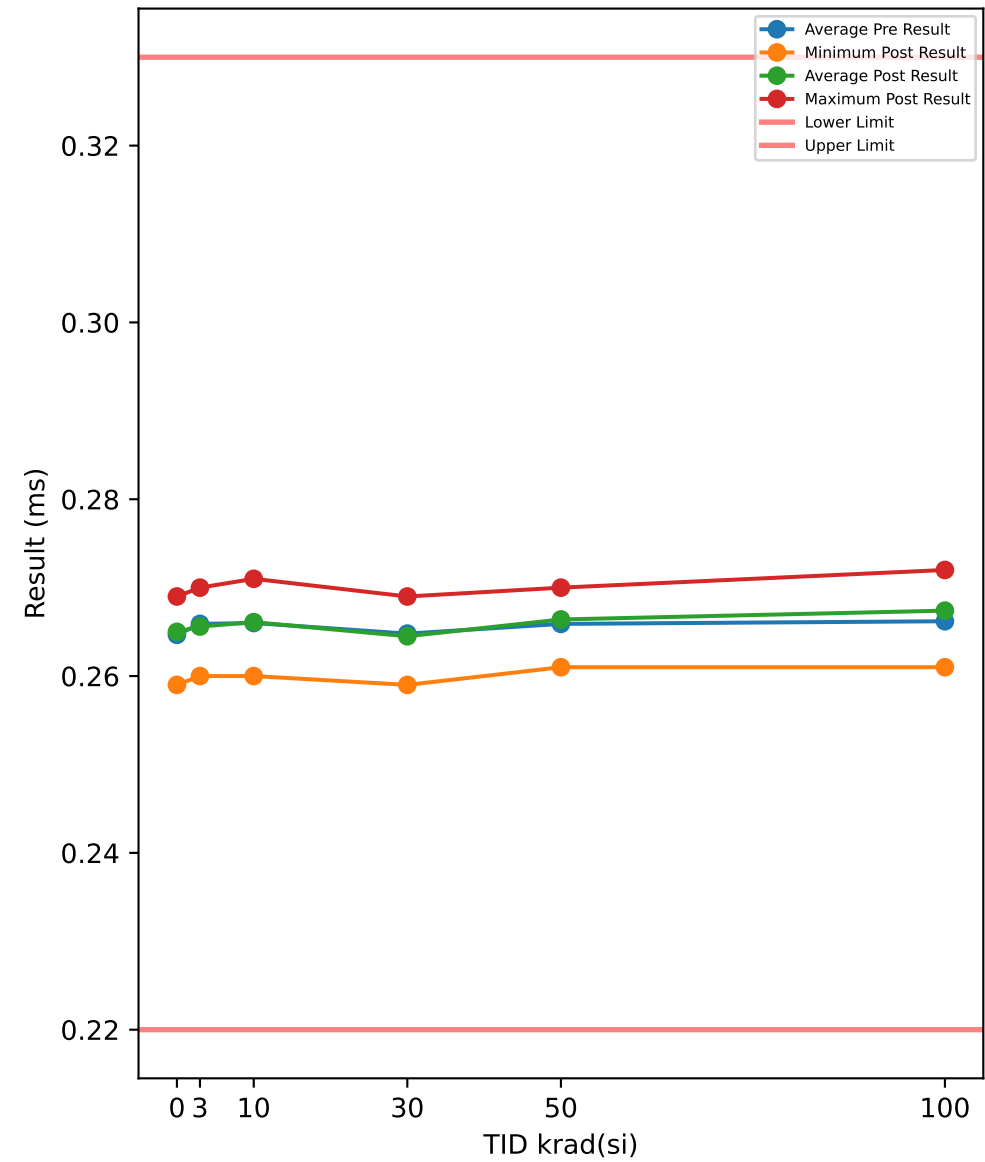
TID vs Post - Pre Exposure Delta



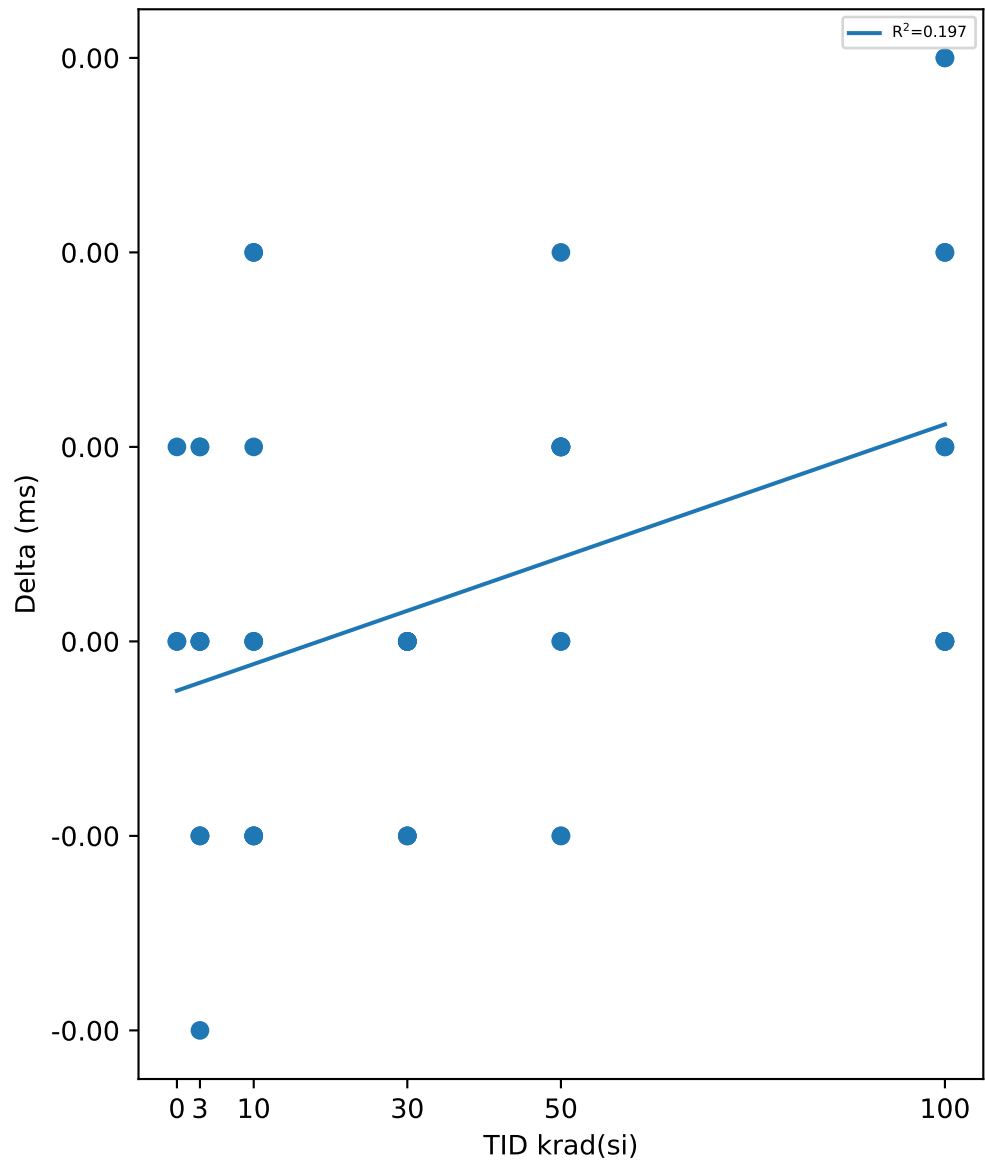
Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.525	0.529	0.534	0.0045826	0.524	0.52867	0.534	0.0050332	-0.001	-0.00033333	0	0.00057735
3	0.521	0.5256	0.531	0.0027968	0.52	0.5255	0.532	0.0031002	-0.001	-0.0001	0.001	0.00056765
10	0.52	0.5252	0.531	0.003084	0.522	0.5256	0.53	0.0024129	-0.001	0.0004	0.003	0.0011738
30	0.518	0.5254	0.532	0.0042216	0.519	0.5258	0.532	0.0043665	-0.001	0.0004	0.001	0.00069921
50	0.522	0.5253	0.532	0.0034976	0.523	0.5264	0.533	0.0032387	0	0.0011	0.003	0.00099443
100	0.517	0.5245	0.533	0.0048591	0.517	0.5265	0.536	0.0057009	0	0.002	0.004	0.0015635

TID vs Result Stats



TID vs Post - Pre Exposure Delta



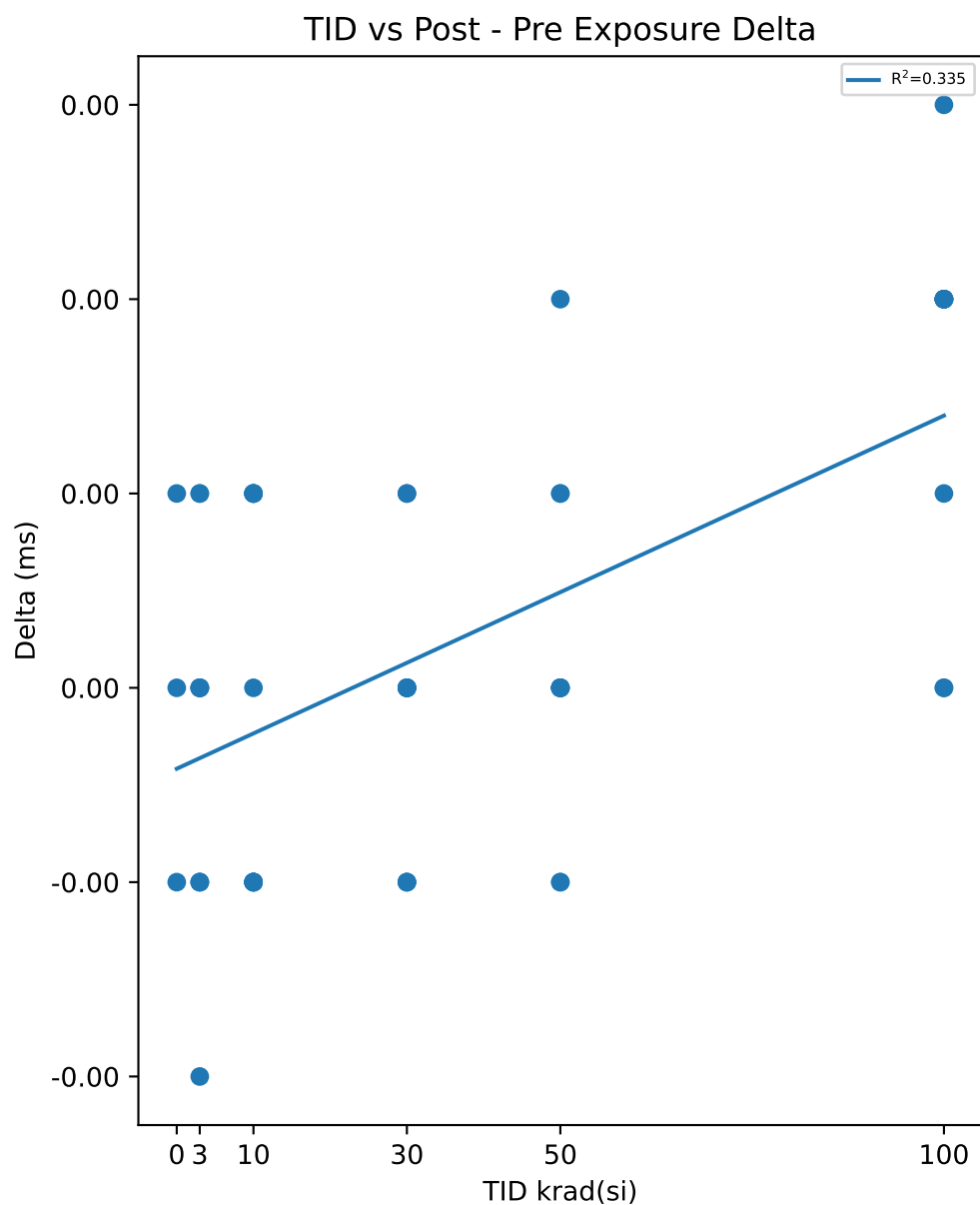
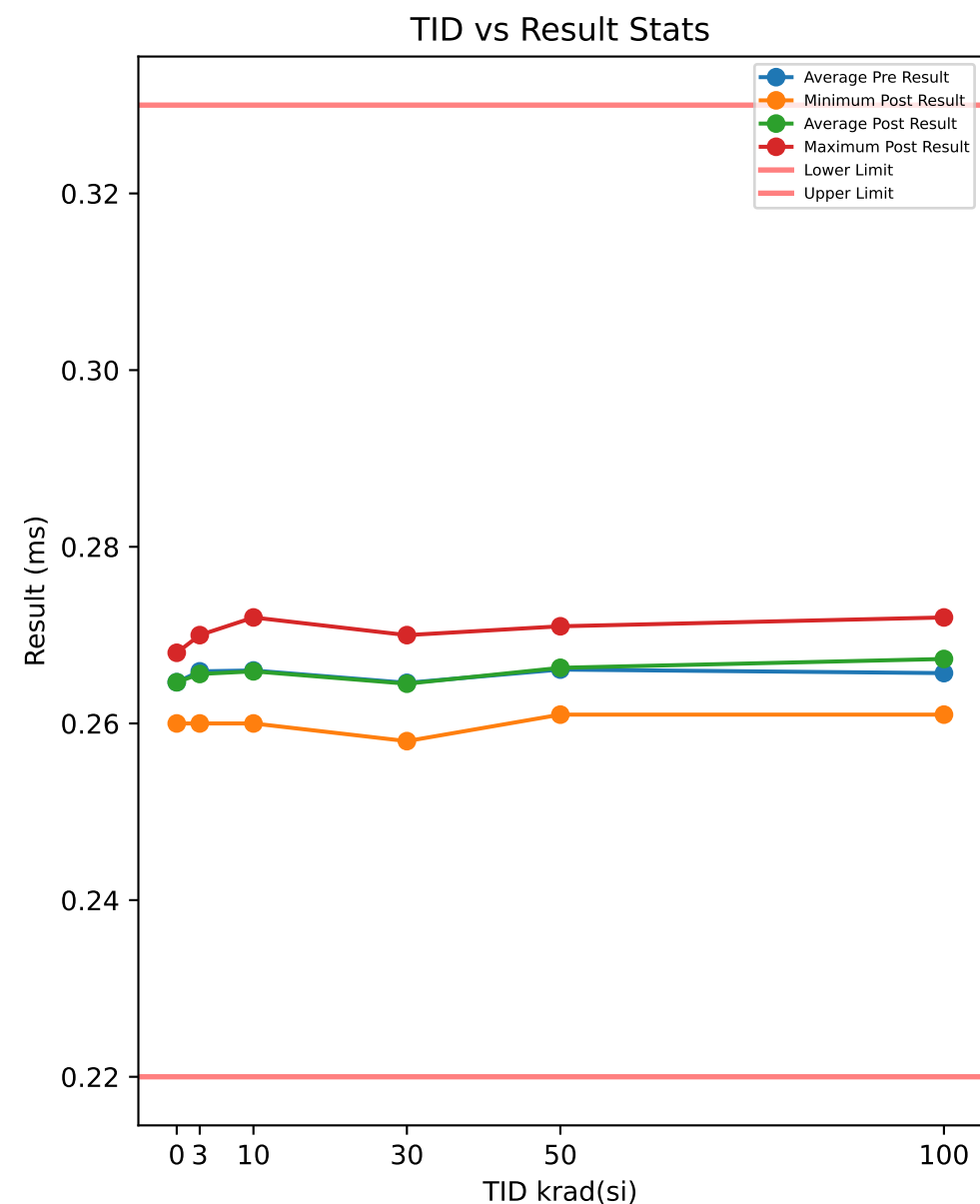
Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.269	0.269	0
301	0	Correlation	0.266	0.267	0.001
302	0	Correlation	0.259	0.259	0
303	3	Bias	0.261	0.262	0.001
304	3	Bias	0.26	0.26	0
305	3	Bias	0.27	0.269	-0.001
306	3	Bias	0.269	0.269	0
307	3	Bias	0.268	0.269	0.001
308	3	Unbiased	0.268	0.267	-0.001
309	3	Unbiased	0.27	0.27	0
310	3	Unbiased	0.27	0.27	0
311	3	Unbiased	0.262	0.26	-0.002
312	3	Unbiased	0.261	0.26	-0.001
313	10	Bias	0.261	0.261	0
314	10	Bias	0.261	0.26	-0.001
315	10	Bias	0.261	0.261	0
316	10	Bias	0.267	0.269	0.002
317	10	Bias	0.27	0.269	-0.001
318	10	Unbiased	0.272	0.271	-0.001
319	10	Unbiased	0.26	0.261	0.001
320	10	Unbiased	0.269	0.269	0
321	10	Unbiased	0.268	0.27	0.002
322	10	Unbiased	0.271	0.27	-0.001
323	30	Bias	0.262	0.261	-0.001
324	30	Bias	0.262	0.261	-0.001
325	30	Bias	0.269	0.269	0
326	30	Bias	0.267	0.267	0
327	30	Bias	0.259	0.259	0
328	30	Unbiased	0.268	0.268	0
329	30	Unbiased	0.263	0.263	0
330	30	Unbiased	0.26	0.26	0
331	30	Unbiased	0.269	0.269	0
332	30	Unbiased	0.269	0.268	-0.001
333	50	Bias	0.267	0.268	0.001
334	50	Bias	0.268	0.269	0.001
335	50	Bias	0.261	0.261	0
336	50	Bias	0.27	0.269	-0.001
337	50	Bias	0.26	0.262	0.002
338	50	Unbiased	0.268	0.267	-0.001
339	50	Unbiased	0.266	0.266	0
340	50	Unbiased	0.268	0.269	0.001
341	50	Unbiased	0.269	0.27	0.001
342	50	Unbiased	0.262	0.263	0.001
343	100	Bias	0.268	0.271	0.003
344	100	Bias	0.268	0.27	0.002
345	100	Bias	0.262	0.264	0.002
346	100	Bias	0.262	0.262	0
347	100	Bias	0.262	0.263	0.001
348	100	Unbiased	0.272	0.272	0
349	100	Unbiased	0.261	0.261	0
350	100	Unbiased	0.271	0.271	0
351	100	Unbiased	0.268	0.271	0.003
352	100	Unbiased	0.268	0.269	0.001

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.259	0.26467	0.269	0.0051316	0.259	0.265	0.269	0.0052915	0	0.00033333	0.001	0.00057735
3	0.26	0.2659	0.27	0.0043063	0.26	0.2656	0.27	0.0045019	-0.002	-0.0003	0.001	0.00094868
10	0.26	0.266	0.272	0.0047376	0.26	0.2661	0.271	0.0046536	-0.001	0.0001	0.002	0.0011972
30	0.259	0.2648	0.269	0.0039944	0.259	0.2645	0.269	0.004062	-0.001	-0.0003	0	0.00048305
50	0.26	0.2659	0.27	0.003573	0.261	0.2664	0.27	0.0032728	-0.001	0.0005	0.002	0.00097183
100	0.261	0.2662	0.272	0.004077	0.261	0.2674	0.272	0.0043512	0	0.0012	0.003	0.0012293

Device Test: 5.60 ; DLY_TMR_10KOHM



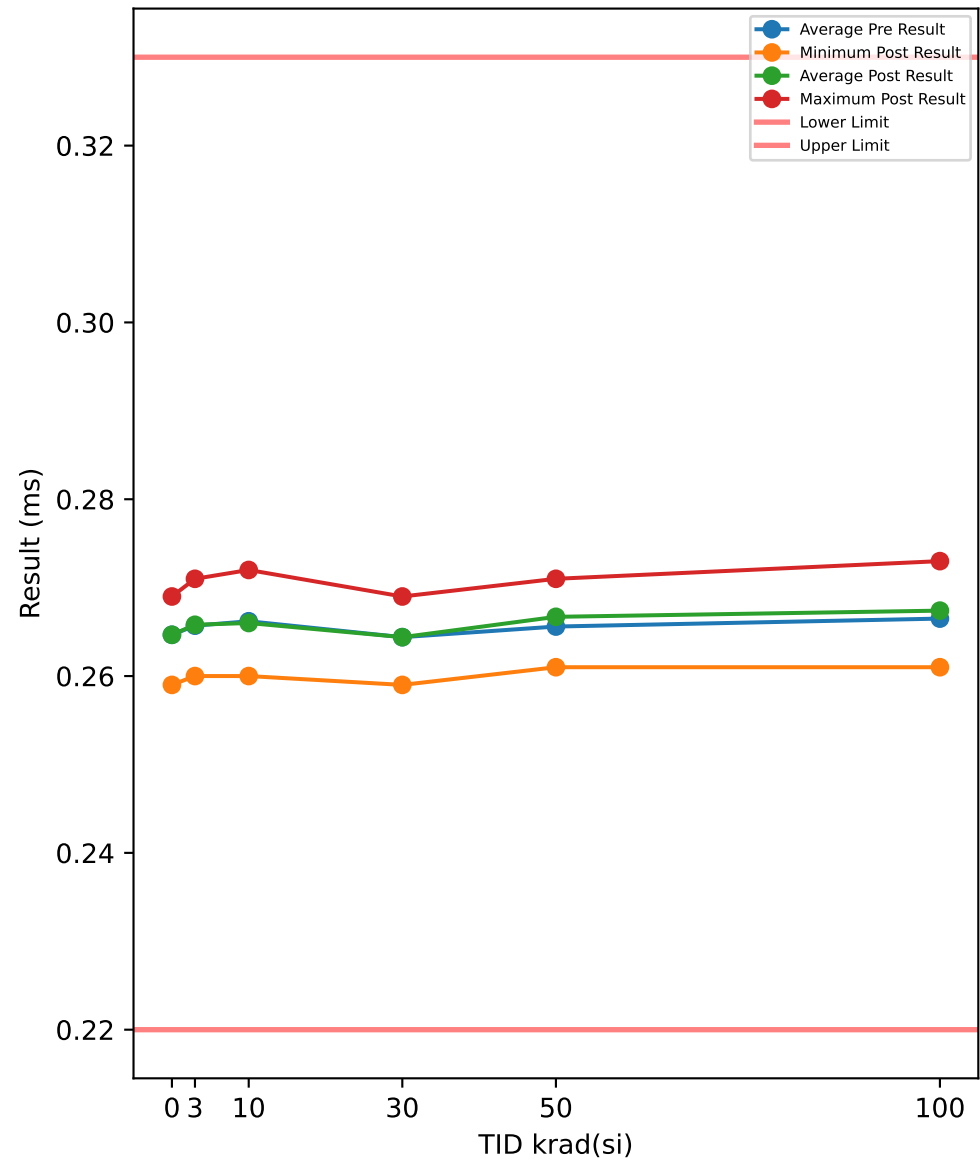
Test Results (Lower Limit = 0.22,
Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.268	0.268	0
301	0	Correlation	0.267	0.266	-0.001
302	0	Correlation	0.259	0.26	0.001
303	3	Bias	0.261	0.262	0.001
304	3	Bias	0.261	0.26	-0.001
305	3	Bias	0.269	0.269	0
306	3	Bias	0.267	0.268	0.001
307	3	Bias	0.27	0.268	-0.002
308	3	Unbiased	0.268	0.268	0
309	3	Unbiased	0.27	0.27	0
310	3	Unbiased	0.27	0.27	0
311	3	Unbiased	0.262	0.261	-0.001
312	3	Unbiased	0.261	0.26	-0.001
313	10	Bias	0.26	0.261	0.001
314	10	Bias	0.259	0.26	0.001
315	10	Bias	0.261	0.26	-0.001
316	10	Bias	0.267	0.267	0
317	10	Bias	0.27	0.269	-0.001
318	10	Unbiased	0.271	0.272	0.001
319	10	Unbiased	0.261	0.26	-0.001
320	10	Unbiased	0.271	0.27	-0.001
321	10	Unbiased	0.27	0.269	-0.001
322	10	Unbiased	0.27	0.271	0.001
323	30	Bias	0.262	0.261	-0.001
324	30	Bias	0.261	0.261	0
325	30	Bias	0.269	0.268	-0.001
326	30	Bias	0.267	0.267	0
327	30	Bias	0.258	0.258	0
328	30	Unbiased	0.269	0.268	-0.001
329	30	Unbiased	0.262	0.263	0.001
330	30	Unbiased	0.26	0.26	0
331	30	Unbiased	0.27	0.27	0
332	30	Unbiased	0.268	0.269	0.001
333	50	Bias	0.267	0.268	0.001
334	50	Bias	0.268	0.268	0
335	50	Bias	0.261	0.261	0
336	50	Bias	0.269	0.27	0.001
337	50	Bias	0.262	0.261	-0.001
338	50	Unbiased	0.267	0.267	0
339	50	Unbiased	0.266	0.265	-0.001
340	50	Unbiased	0.269	0.271	0.002
341	50	Unbiased	0.269	0.269	0
342	50	Unbiased	0.263	0.263	0
343	100	Bias	0.269	0.271	0.002
344	100	Bias	0.267	0.269	0.002
345	100	Bias	0.262	0.264	0.002
346	100	Bias	0.261	0.262	0.001
347	100	Bias	0.262	0.262	0
348	100	Unbiased	0.27	0.272	0.002
349	100	Unbiased	0.261	0.261	0
350	100	Unbiased	0.27	0.272	0.002
351	100	Unbiased	0.268	0.271	0.003
352	100	Unbiased	0.267	0.269	0.002

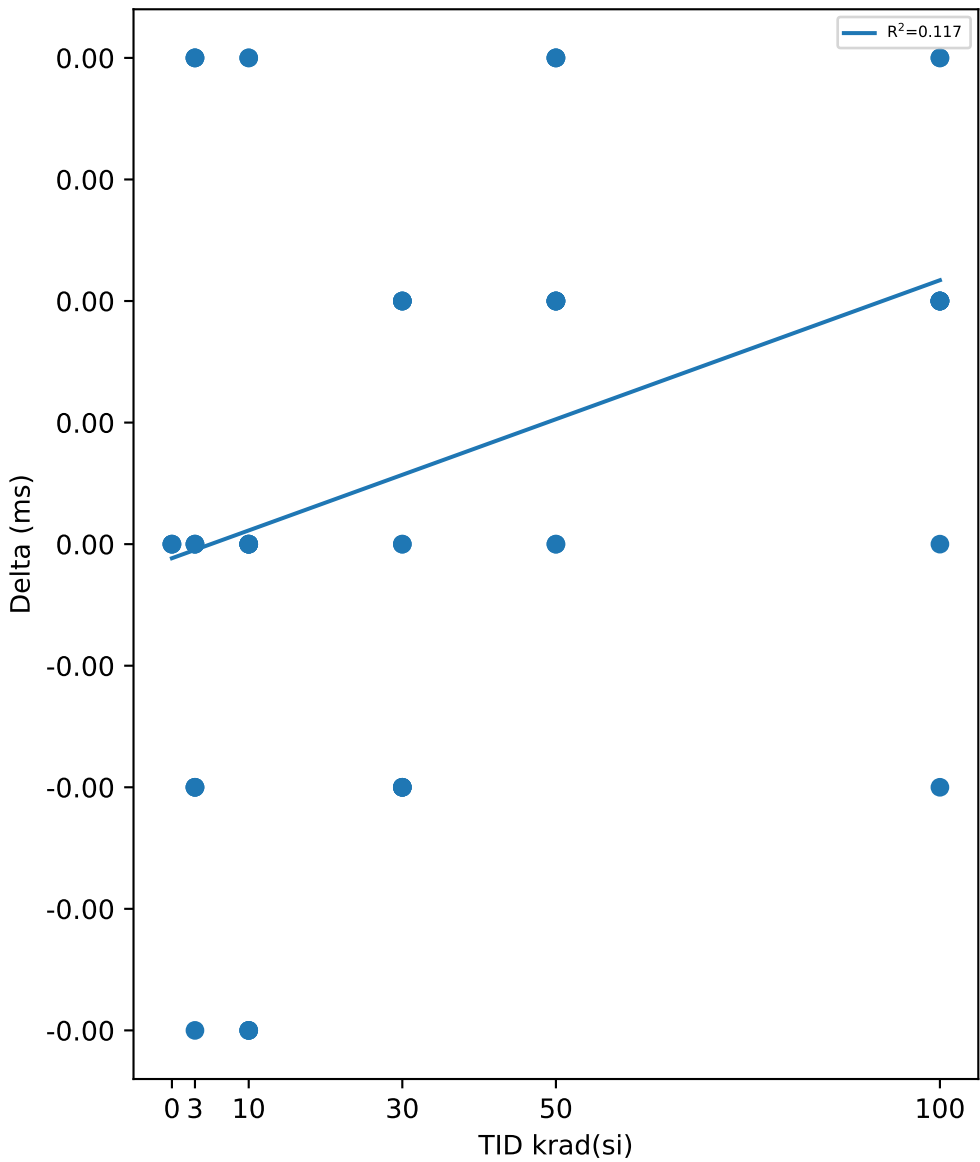
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.259	0.26467	0.268	0.0049329	0.26	0.26467	0.268	0.0041633	-0.001	0	0.001	0.001
3	0.261	0.2659	0.27	0.0041218	0.26	0.2656	0.27	0.004274	-0.002	-0.0003	0.001	0.00094868
10	0.259	0.266	0.271	0.005099	0.26	0.2659	0.272	0.0050431	-0.001	-0.0001	0.001	0.00099443
30	0.258	0.2646	0.27	0.0044272	0.258	0.2645	0.27	0.0043525	-0.001	-0.0001	0.001	0.00073786
50	0.261	0.2661	0.269	0.003035	0.261	0.2663	0.271	0.0036225	-0.001	0.0002	0.002	0.00091894
100	0.261	0.2657	0.27	0.0037727	0.261	0.2673	0.272	0.0045228	0	0.0016	0.003	0.00096609

TID vs Result Stats



TID vs Post - Pre Exposure Delta



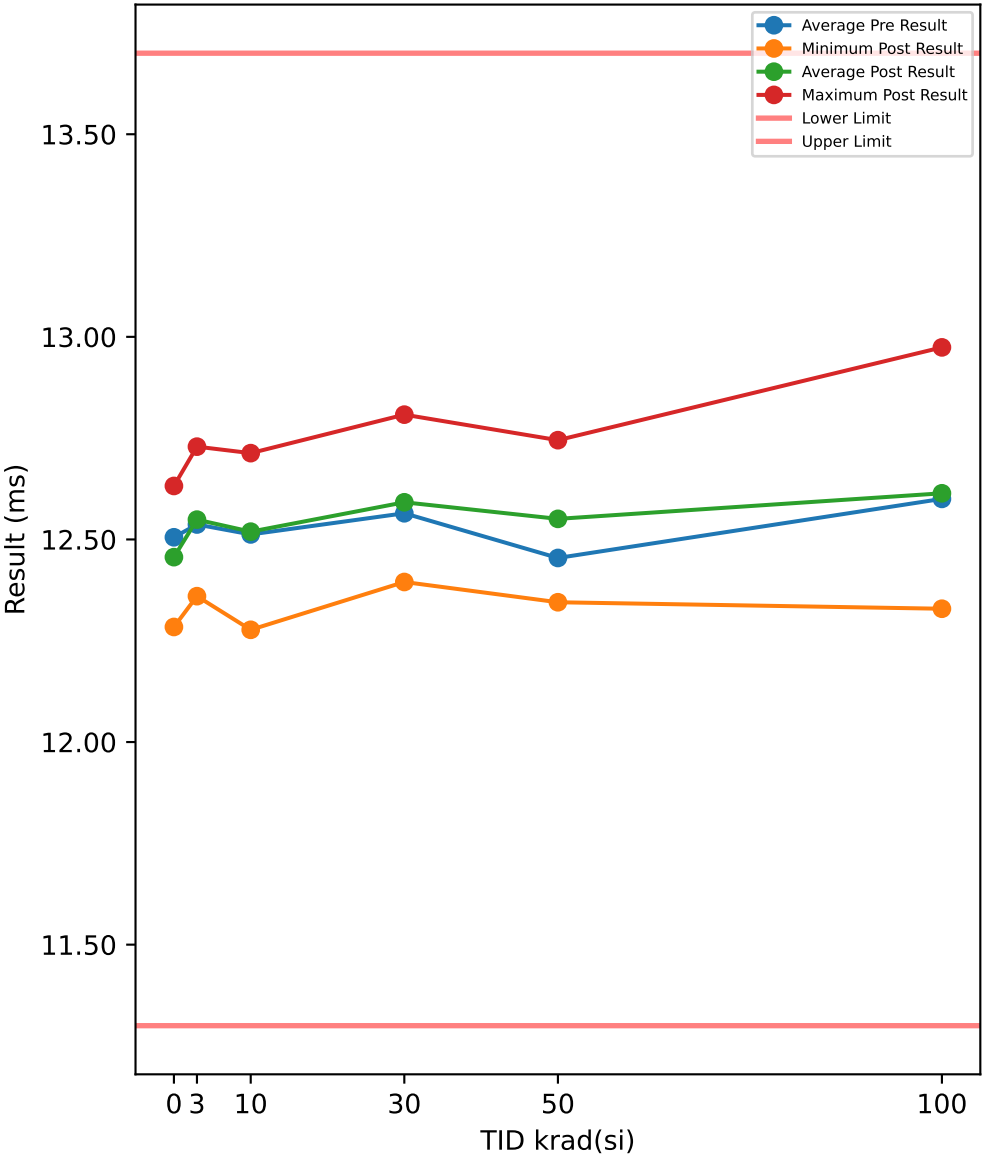
Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.269	0.269	0
301	0	Correlation	0.266	0.266	0
302	0	Correlation	0.259	0.259	0
303	3	Bias	0.262	0.262	0
304	3	Bias	0.259	0.261	0.002
305	3	Bias	0.268	0.27	0.002
306	3	Bias	0.269	0.269	0
307	3	Bias	0.27	0.268	-0.002
308	3	Unbiased	0.268	0.267	-0.001
309	3	Unbiased	0.269	0.271	0.002
310	3	Unbiased	0.27	0.269	-0.001
311	3	Unbiased	0.261	0.261	0
312	3	Unbiased	0.261	0.26	-0.001
313	10	Bias	0.262	0.26	-0.002
314	10	Bias	0.26	0.26	0
315	10	Bias	0.261	0.261	0
316	10	Bias	0.267	0.267	0
317	10	Bias	0.27	0.268	-0.002
318	10	Unbiased	0.272	0.27	-0.002
319	10	Unbiased	0.26	0.262	0.002
320	10	Unbiased	0.271	0.271	0
321	10	Unbiased	0.269	0.269	0
322	10	Unbiased	0.27	0.272	0.002
323	30	Bias	0.261	0.262	0.001
324	30	Bias	0.262	0.262	0
325	30	Bias	0.269	0.268	-0.001
326	30	Bias	0.266	0.266	0
327	30	Bias	0.26	0.259	-0.001
328	30	Unbiased	0.269	0.268	-0.001
329	30	Unbiased	0.263	0.262	-0.001
330	30	Unbiased	0.259	0.26	0.001
331	30	Unbiased	0.268	0.269	0.001
332	30	Unbiased	0.267	0.268	0.001
333	50	Bias	0.266	0.268	0.002
334	50	Bias	0.268	0.269	0.001
335	50	Bias	0.26	0.261	0.001
336	50	Bias	0.269	0.271	0.002
337	50	Bias	0.261	0.261	0
338	50	Unbiased	0.267	0.267	0
339	50	Unbiased	0.265	0.266	0.001
340	50	Unbiased	0.268	0.269	0.001
341	50	Unbiased	0.27	0.271	0.001
342	50	Unbiased	0.262	0.264	0.002
343	100	Bias	0.27	0.271	0.001
344	100	Bias	0.267	0.268	0.001
345	100	Bias	0.262	0.264	0.002
346	100	Bias	0.262	0.263	0.001
347	100	Bias	0.262	0.263	0.001
348	100	Unbiased	0.271	0.272	0.001
349	100	Unbiased	0.262	0.261	-0.001
350	100	Unbiased	0.271	0.273	0.002
351	100	Unbiased	0.27	0.27	0
352	100	Unbiased	0.268	0.269	0.001

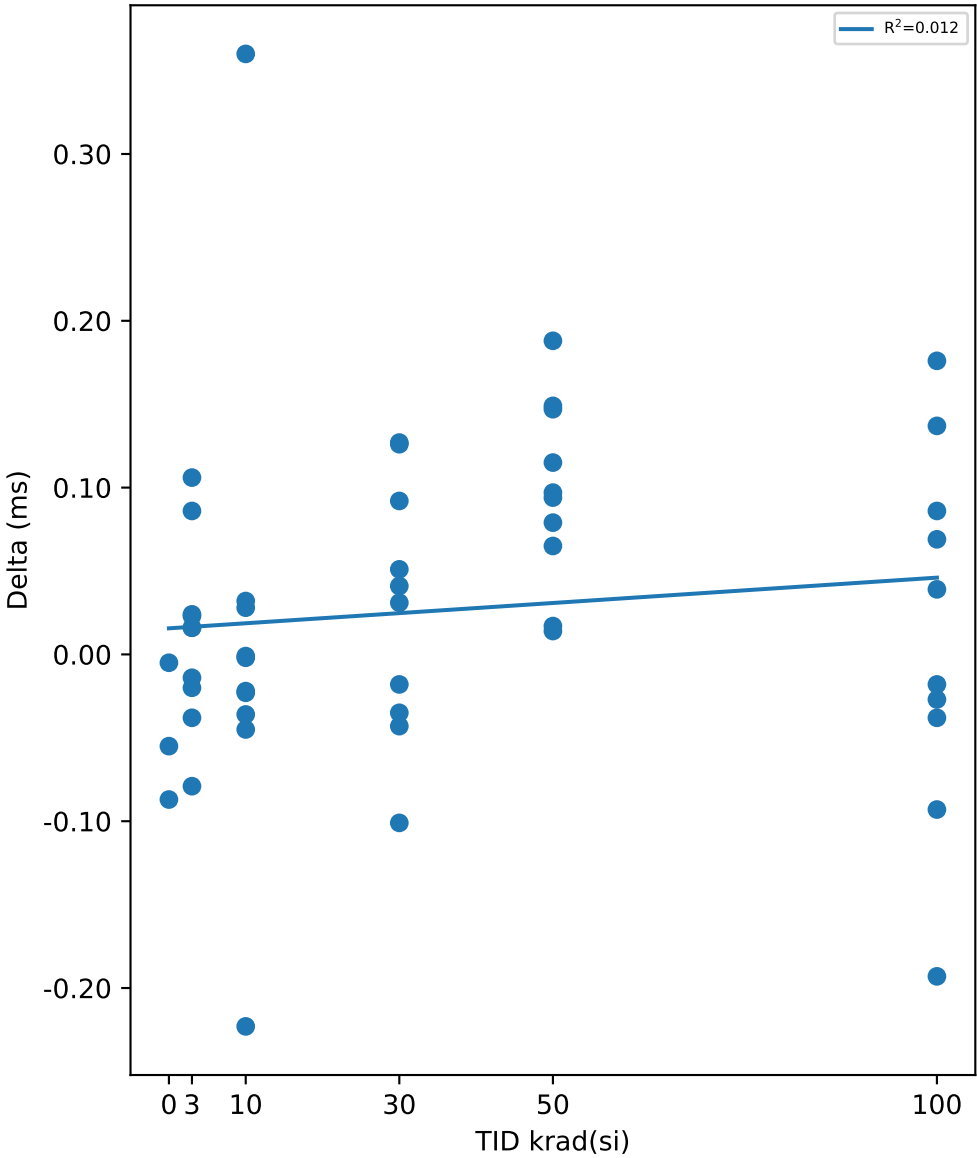
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.259	0.26467	0.269	0.0051316	0.259	0.26467	0.269	0.0051316	0	0	0	0
3	0.259	0.2657	0.27	0.0043729	0.26	0.2658	0.271	0.0042895	-0.002	0.0001	0.002	0.0014491
10	0.26	0.2662	0.272	0.0048944	0.26	0.266	0.272	0.004761	-0.002	-0.0002	0.002	0.0014757
30	0.259	0.2644	0.269	0.0038355	0.259	0.2644	0.269	0.0037771	-0.001	0	0.001	0.00094281
50	0.26	0.2656	0.27	0.0035024	0.261	0.2667	0.271	0.0036833	0	0.0011	0.002	0.00073786
100	0.262	0.2665	0.271	0.004062	0.261	0.2674	0.273	0.0042999	-0.001	0.0009	0.002	0.0008756

TID vs Result Stats



TID vs Post - Pre Exposure Delta



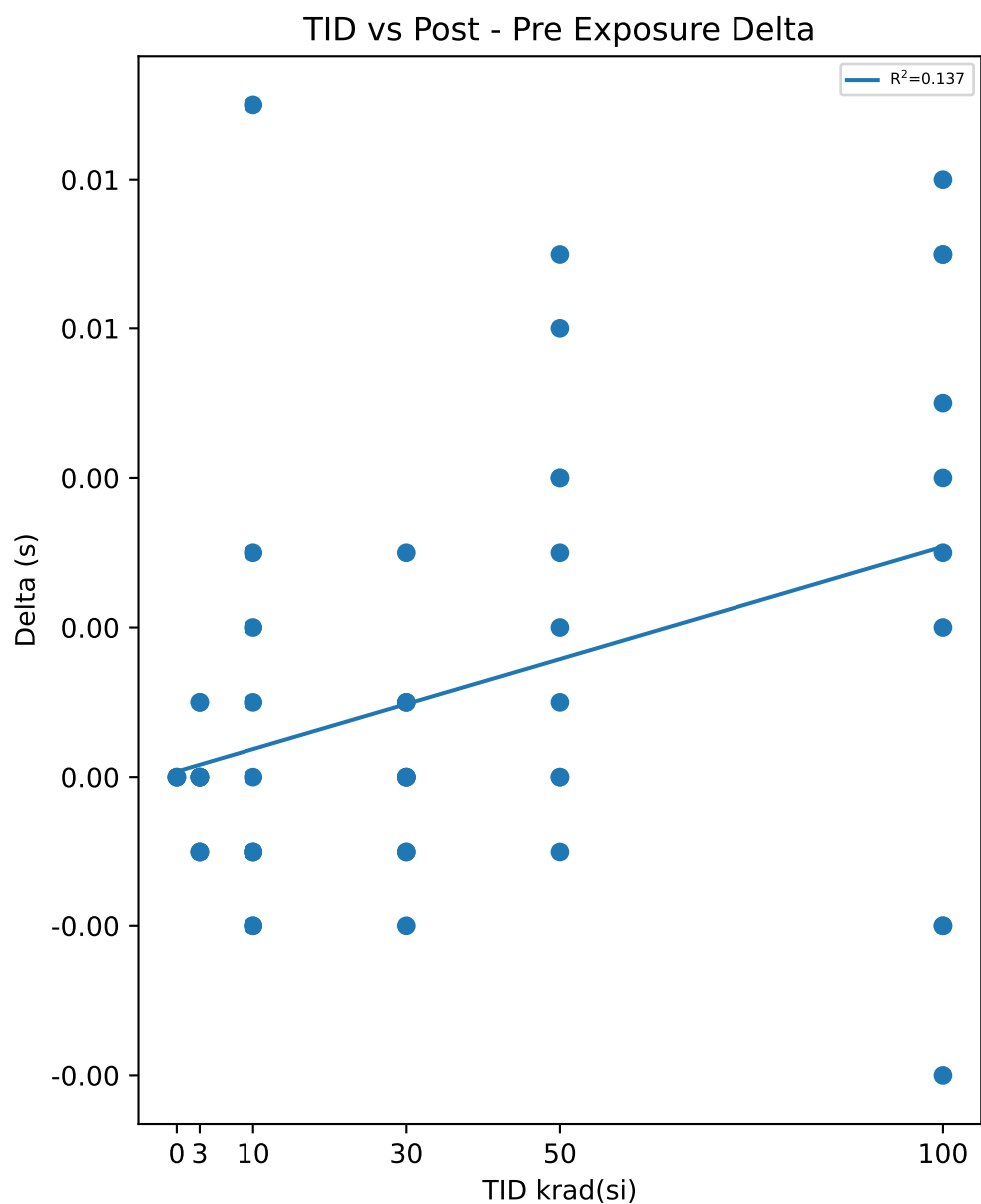
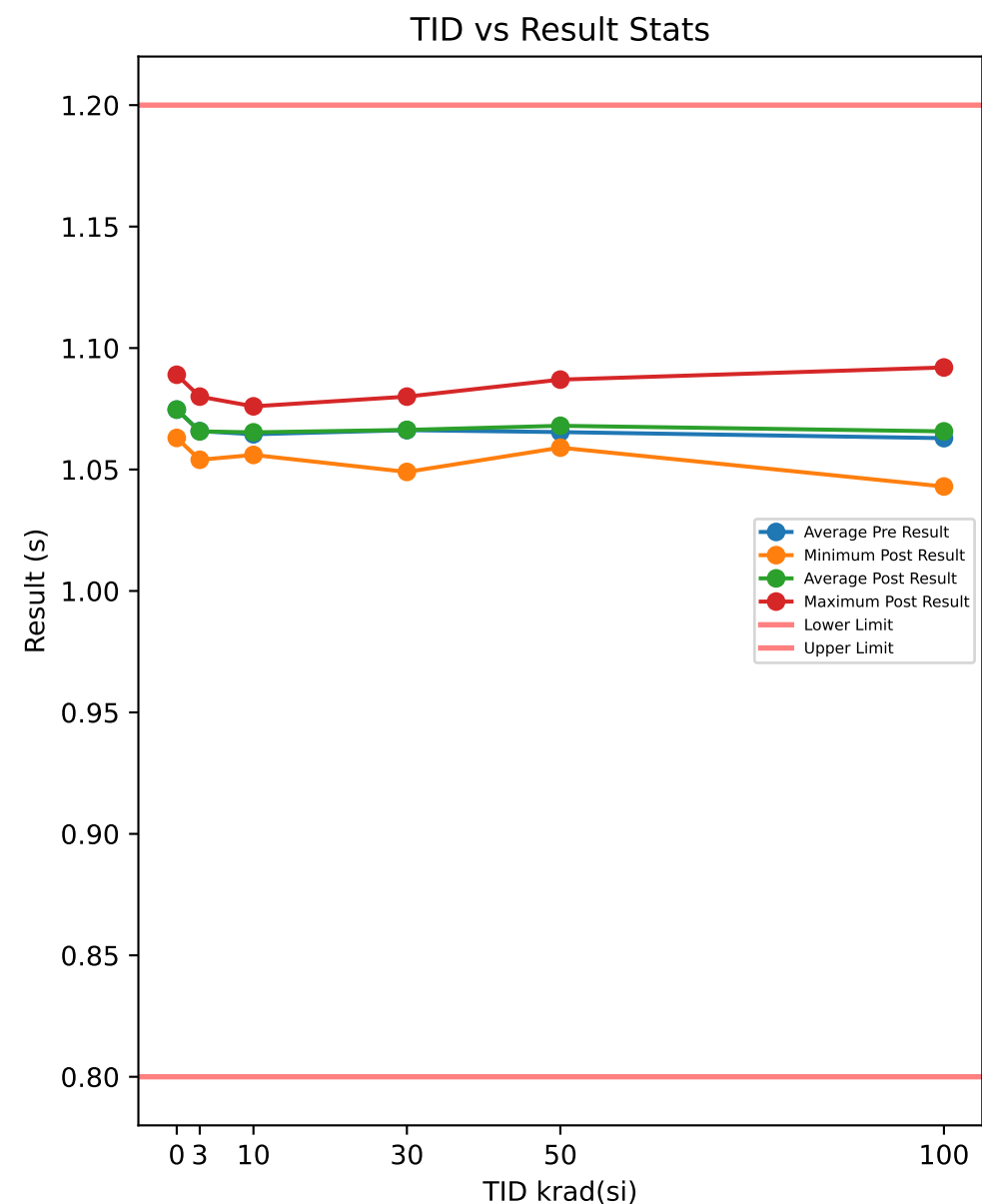
Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.637	12.632	-0.005
301	0	Correlation	12.54	12.453	-0.087
302	0	Correlation	12.339	12.284	-0.055
303	3	Bias	12.474	12.395	-0.079
304	3	Bias	12.413	12.519	0.106
305	3	Bias	12.656	12.672	0.016
306	3	Bias	12.627	12.643	0.016
307	3	Bias	12.525	12.511	-0.014
308	3	Unbiased	12.398	12.36	-0.038
309	3	Unbiased	12.749	12.729	-0.02
310	3	Unbiased	12.655	12.679	0.024
311	3	Unbiased	12.41	12.433	0.023
312	3	Unbiased	12.462	12.548	0.086
313	10	Bias	12.3	12.277	-0.023
314	10	Bias	12.458	12.413	-0.045
315	10	Bias	12.337	12.365	0.028
316	10	Bias	12.557	12.589	0.032
317	10	Bias	12.715	12.713	-0.002
318	10	Unbiased	12.691	12.669	-0.022
319	10	Unbiased	12.359	12.323	-0.036
320	10	Unbiased	12.692	12.469	-0.223
321	10	Unbiased	12.329	12.689	0.36
322	10	Unbiased	12.686	12.685	-0.001
323	30	Bias	12.495	12.526	0.031
324	30	Bias	12.459	12.424	-0.035
325	30	Bias	12.612	12.653	0.041
326	30	Bias	12.561	12.688	0.127
327	30	Bias	12.303	12.395	0.092
328	30	Unbiased	12.606	12.588	-0.018
329	30	Unbiased	12.827	12.784	-0.043
330	30	Unbiased	12.613	12.512	-0.101
331	30	Unbiased	12.413	12.539	0.126
332	30	Unbiased	12.757	12.808	0.051
333	50	Bias	12.351	12.498	0.147
334	50	Bias	12.677	12.694	0.017
335	50	Bias	12.42	12.499	0.079
336	50	Bias	12.557	12.745	0.188
337	50	Bias	12.331	12.345	0.014
338	50	Unbiased	12.324	12.421	0.097
339	50	Unbiased	12.338	12.487	0.149
340	50	Unbiased	12.456	12.55	0.094
341	50	Unbiased	12.614	12.679	0.065
342	50	Unbiased	12.475	12.59	0.115
343	100	Bias	12.573	12.659	0.086
344	100	Bias	12.405	12.474	0.069
345	100	Bias	12.753	12.715	-0.038
346	100	Bias	12.522	12.329	-0.193
347	100	Bias	12.37	12.343	-0.027
348	100	Unbiased	12.798	12.974	0.176
349	100	Unbiased	12.651	12.558	-0.093
350	100	Unbiased	12.695	12.677	-0.018
351	100	Unbiased	12.766	12.903	0.137
352	100	Unbiased	12.468	12.507	0.039

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.339	12.505	12.637	0.15199	12.284	12.456	12.632	0.17402	-0.087	-0.049	-0.005	0.041328
3	12.398	12.537	12.749	0.12547	12.36	12.549	12.729	0.12845	-0.079	0.012	0.106	0.054863
10	12.3	12.512	12.715	0.17427	12.277	12.519	12.713	0.16863	-0.223	0.0068	0.36	0.14338
30	12.303	12.565	12.827	0.15621	12.395	12.592	12.808	0.14027	-0.101	0.0271	0.127	0.075987
50	12.324	12.454	12.677	0.12633	12.345	12.551	12.745	0.1269	0.014	0.0965	0.188	0.056226
100	12.37	12.6	12.798	0.15526	12.329	12.614	12.974	0.21555	-0.193	0.0138	0.176	0.11051

Device Test: 5.64 ; WD_TMR_500KOHM

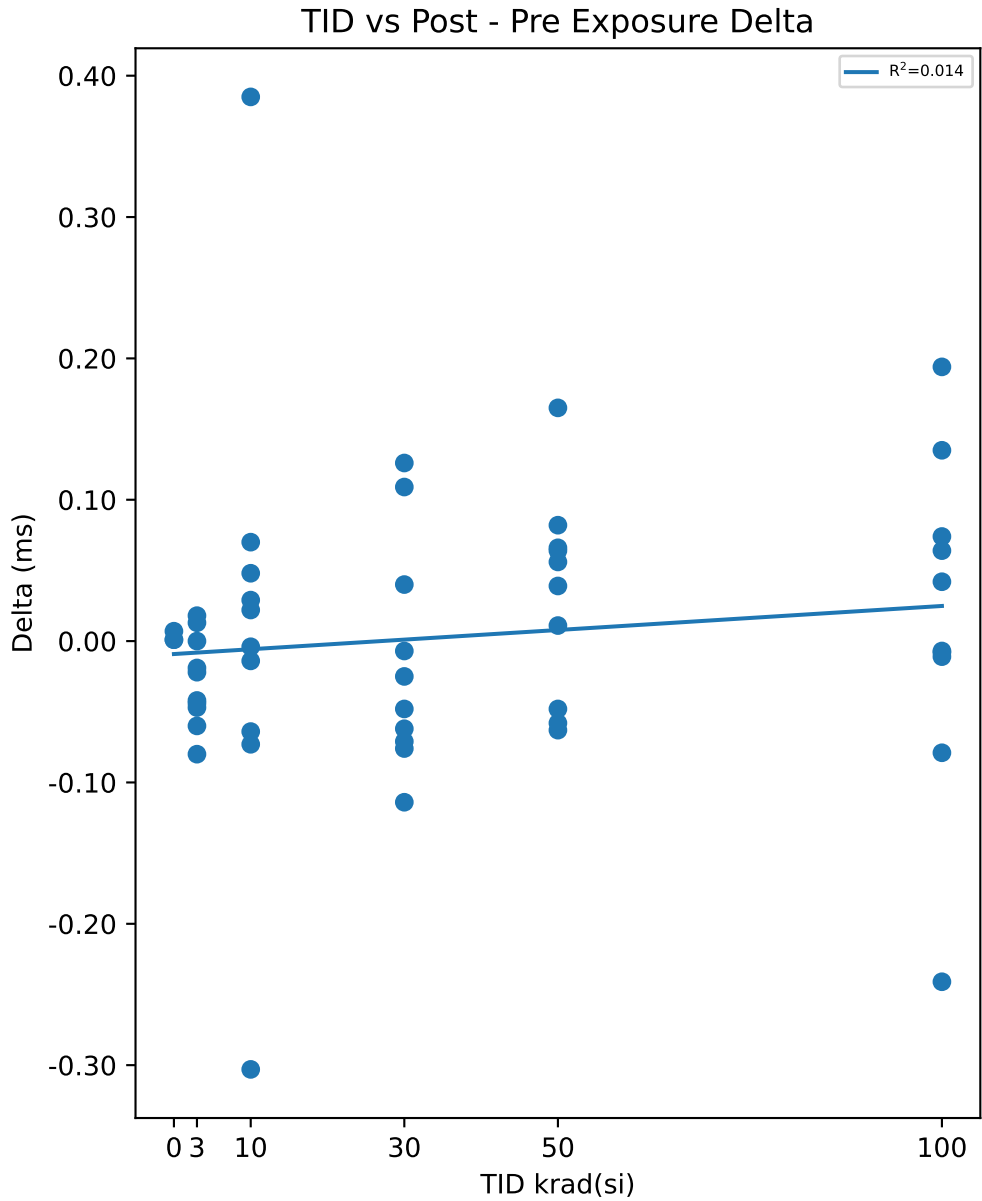
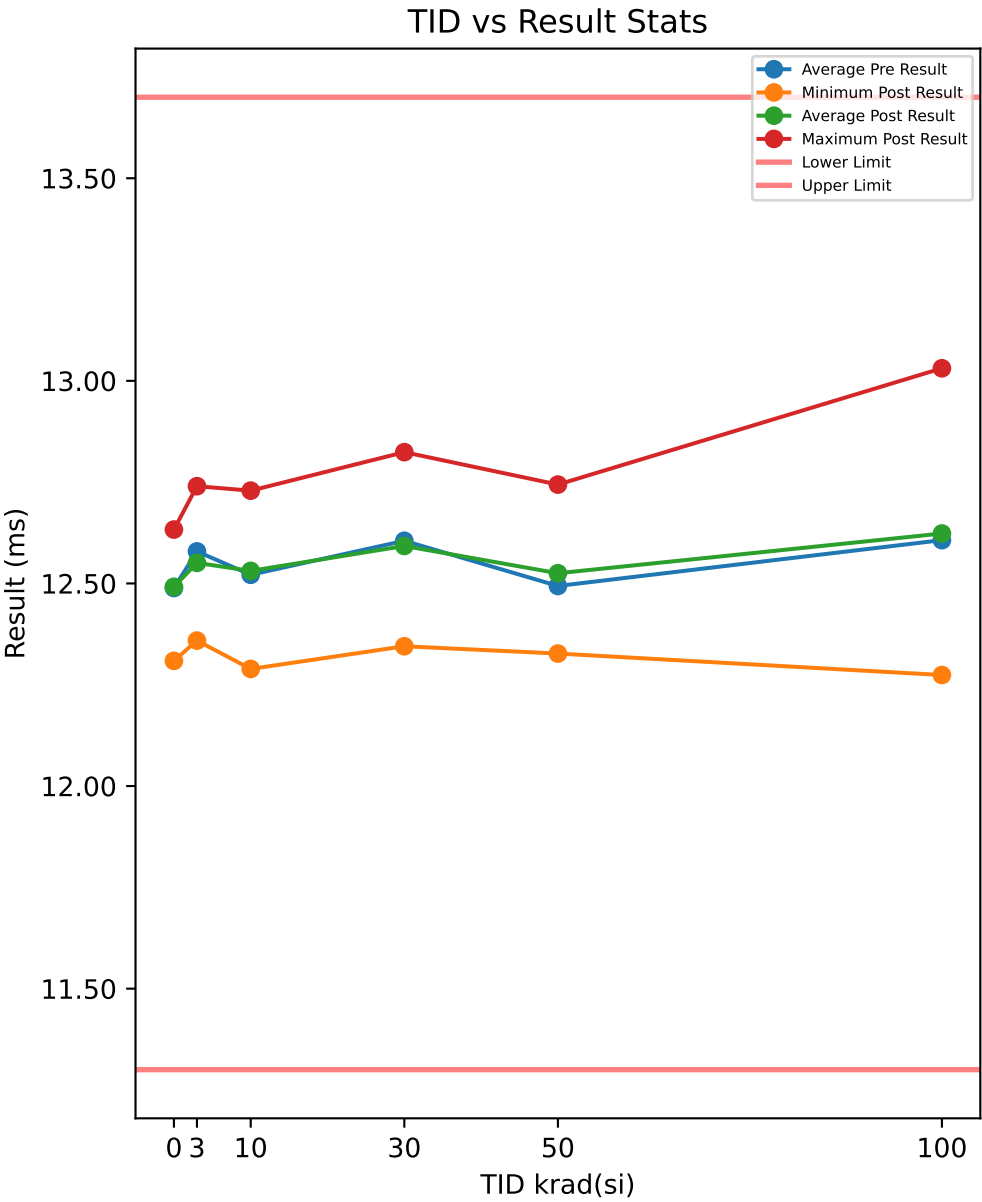


Test Results (Lower Limit = 0.8,
Upper Limit = 1.2 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.089	1.089	0
301	0	Correlation	1.063	1.063	0
302	0	Correlation	1.072	1.072	0
303	3	Bias	1.079	1.08	0.001
304	3	Bias	1.06	1.06	0
305	3	Bias	1.055	1.054	-0.001
306	3	Bias	1.065	1.065	0
307	3	Bias	1.064	1.064	0
308	3	Unbiased	1.072	1.071	-0.001
309	3	Unbiased	1.06	1.06	0
310	3	Unbiased	1.064	1.064	0
311	3	Unbiased	1.068	1.067	-0.001
312	3	Unbiased	1.071	1.072	0.001
313	10	Bias	1.053	1.056	0.003
314	10	Bias	1.066	1.064	-0.002
315	10	Bias	1.07	1.071	0.001
316	10	Bias	1.061	1.06	-0.001
317	10	Bias	1.06	1.06	0
318	10	Unbiased	1.072	1.07	-0.002
319	10	Unbiased	1.067	1.069	0.002
320	10	Unbiased	1.057	1.066	0.009
321	10	Unbiased	1.062	1.061	-0.001
322	10	Unbiased	1.077	1.076	-0.001
323	30	Bias	1.053	1.051	-0.002
324	30	Bias	1.049	1.049	0
325	30	Bias	1.081	1.08	-0.001
326	30	Bias	1.064	1.064	0
327	30	Bias	1.058	1.058	0
328	30	Unbiased	1.075	1.078	0.003
329	30	Unbiased	1.063	1.062	-0.001
330	30	Unbiased	1.074	1.075	0.001
331	30	Unbiased	1.07	1.071	0.001
332	30	Unbiased	1.075	1.075	0
333	50	Bias	1.069	1.071	0.002
334	50	Bias	1.06	1.059	-0.001
335	50	Bias	1.086	1.087	0.001
336	50	Bias	1.059	1.059	0
337	50	Bias	1.058	1.062	0.004
338	50	Unbiased	1.061	1.065	0.004
339	50	Unbiased	1.058	1.061	0.003
340	50	Unbiased	1.067	1.073	0.006
341	50	Unbiased	1.056	1.063	0.007
342	50	Unbiased	1.08	1.08	0
343	100	Bias	1.068	1.064	-0.004
344	100	Bias	1.045	1.043	-0.002
345	100	Bias	1.056	1.058	0.002
346	100	Bias	1.059	1.067	0.008
347	100	Bias	1.085	1.092	0.007
348	100	Unbiased	1.049	1.052	0.003
349	100	Unbiased	1.058	1.056	-0.002
350	100	Unbiased	1.074	1.079	0.005
351	100	Unbiased	1.062	1.069	0.007
352	100	Unbiased	1.073	1.077	0.004

Test Statistics (s)

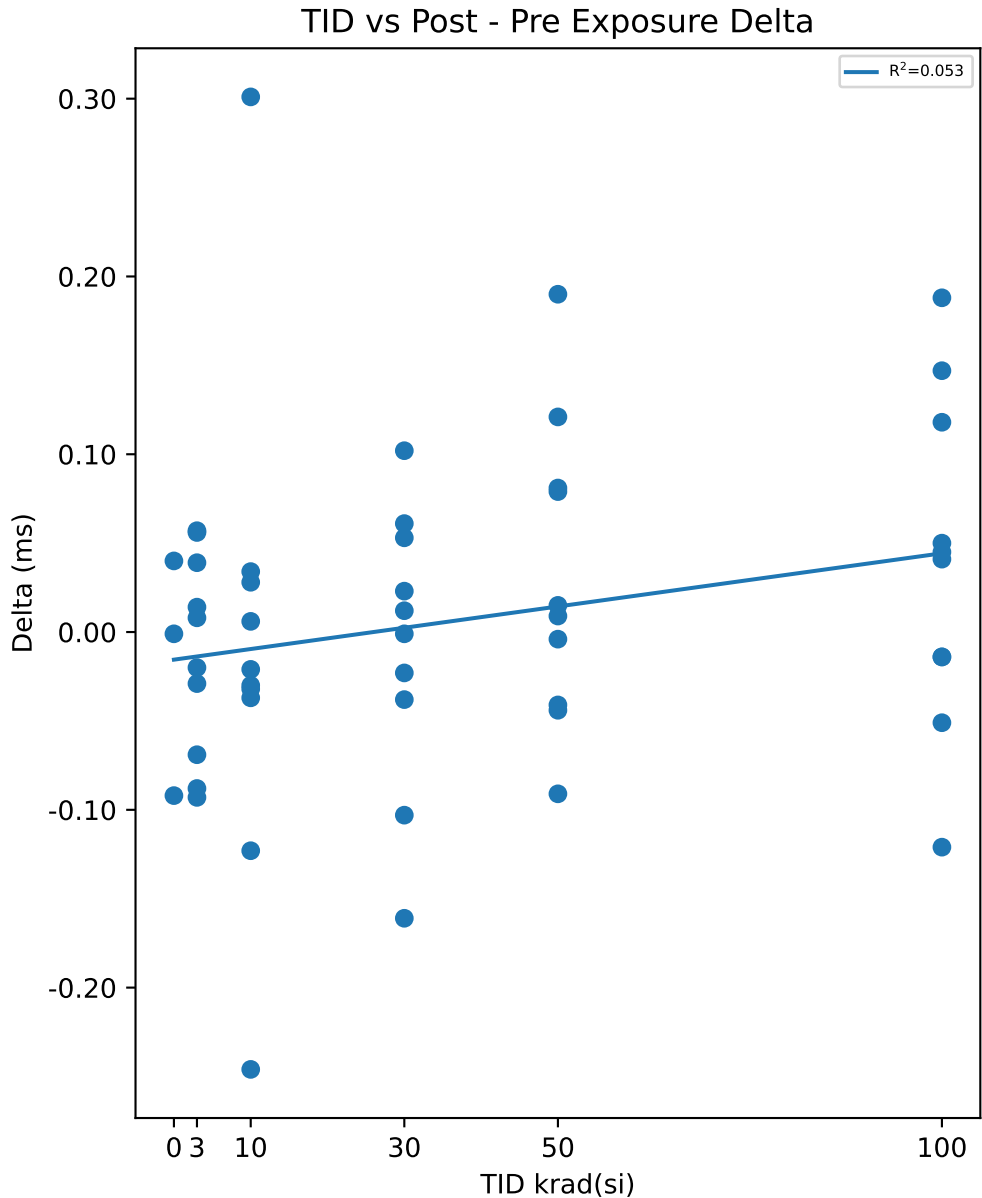
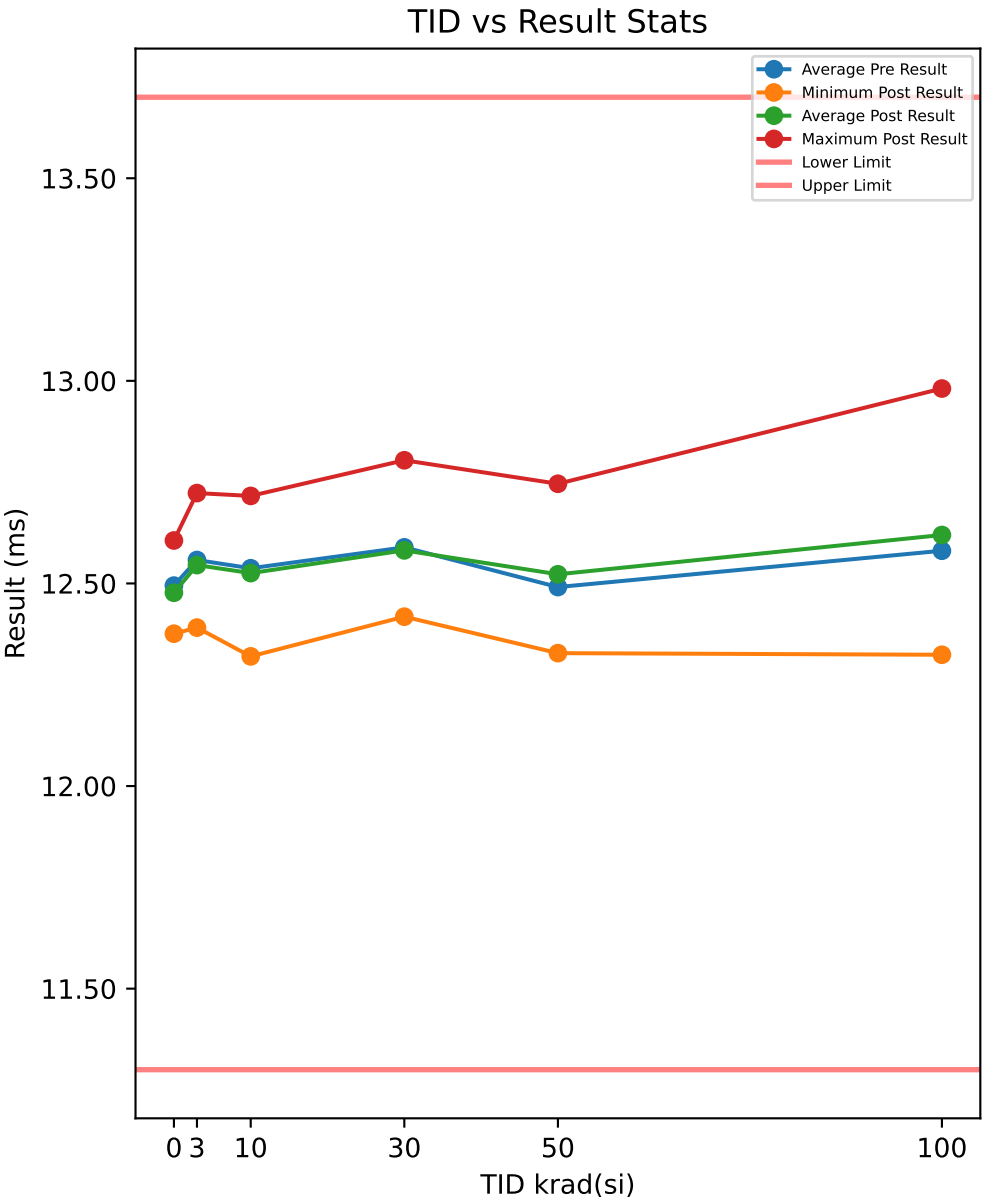
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.063	1.0747	1.089	0.013204	1.063	1.0747	1.089	0.013204	0	0	0	0
3	1.055	1.0658	1.079	0.006957	1.054	1.0657	1.08	0.0073189	-0.001	-0.0001	0.001	0.00073786
10	1.053	1.0645	1.077	0.0072915	1.056	1.0653	1.076	0.0062013	-0.002	0.0008	0.009	0.0033267
30	1.049	1.0662	1.081	0.010549	1.049	1.0663	1.08	0.011176	-0.002	0.0001	0.003	0.0013703
50	1.056	1.0654	1.086	0.010222	1.059	1.068	1.087	0.0095452	-0.001	0.0026	0.007	0.002675
100	1.045	1.0629	1.085	0.012206	1.043	1.0657	1.092	0.014407	-0.004	0.0028	0.008	0.0042374



Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.626	12.633	0.007
301	0	Correlation	12.532	12.533	0.001
302	0	Correlation	12.308	12.309	0.001
303	3	Bias	12.456	12.414	-0.042
304	3	Bias	12.472	12.453	-0.019
305	3	Bias	12.751	12.691	-0.06
306	3	Bias	12.713	12.633	-0.08
307	3	Bias	12.467	12.48	0.013
308	3	Unbiased	12.406	12.359	-0.047
309	3	Unbiased	12.774	12.73	-0.044
310	3	Unbiased	12.722	12.74	0.018
311	3	Unbiased	12.488	12.466	-0.022
312	3	Unbiased	12.542	12.542	0
313	10	Bias	12.323	12.352	0.029
314	10	Bias	12.506	12.492	-0.014
315	10	Bias	12.362	12.289	-0.073
316	10	Bias	12.567	12.589	0.022
317	10	Bias	12.681	12.729	0.048
318	10	Unbiased	12.728	12.664	-0.064
319	10	Unbiased	12.326	12.322	-0.004
320	10	Unbiased	12.733	12.43	-0.303
321	10	Unbiased	12.337	12.722	0.385
322	10	Unbiased	12.651	12.721	0.07
323	30	Bias	12.576	12.5	-0.076
324	30	Bias	12.519	12.494	-0.025
325	30	Bias	12.696	12.625	-0.071
326	30	Bias	12.577	12.703	0.126
327	30	Bias	12.352	12.345	-0.007
328	30	Unbiased	12.691	12.629	-0.062
329	30	Unbiased	12.853	12.805	-0.048
330	30	Unbiased	12.618	12.504	-0.114
331	30	Unbiased	12.456	12.496	0.04
332	30	Unbiased	12.715	12.824	0.109
333	50	Bias	12.39	12.472	0.082
334	50	Bias	12.744	12.686	-0.058
335	50	Bias	12.44	12.496	0.056
336	50	Bias	12.579	12.744	0.165
337	50	Bias	12.39	12.327	-0.063
338	50	Unbiased	12.324	12.335	0.011
339	50	Unbiased	12.368	12.407	0.039
340	50	Unbiased	12.531	12.483	-0.048
341	50	Unbiased	12.658	12.722	0.064
342	50	Unbiased	12.514	12.58	0.066
343	100	Bias	12.603	12.677	0.074
344	100	Bias	12.471	12.392	-0.079
345	100	Bias	12.712	12.704	-0.008
346	100	Bias	12.515	12.274	-0.241
347	100	Bias	12.289	12.353	0.064
348	100	Unbiased	12.837	13.031	0.194
349	100	Unbiased	12.644	12.637	-0.007
350	100	Unbiased	12.694	12.683	-0.011
351	100	Unbiased	12.771	12.906	0.135
352	100	Unbiased	12.533	12.575	0.042

Test Statistics (ms)

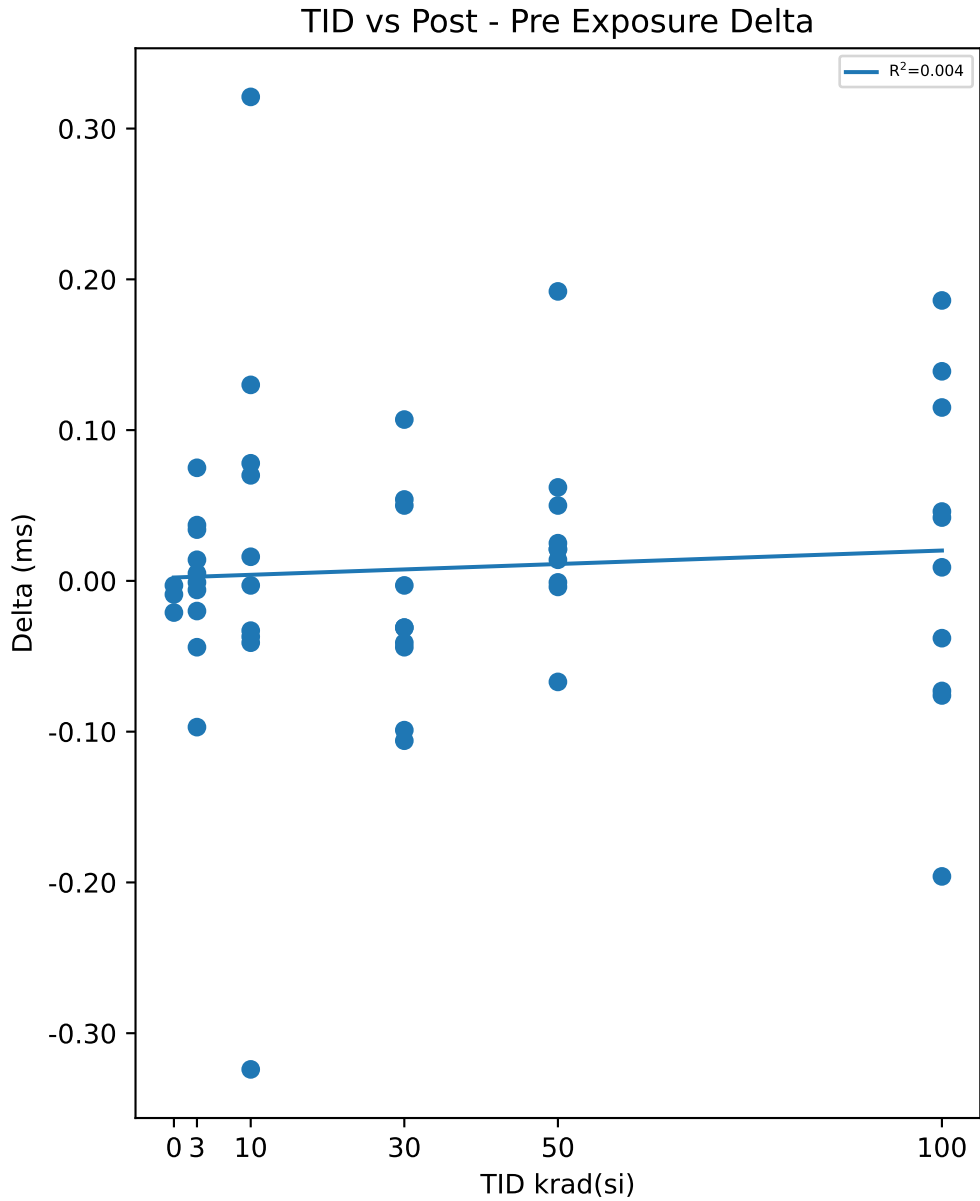
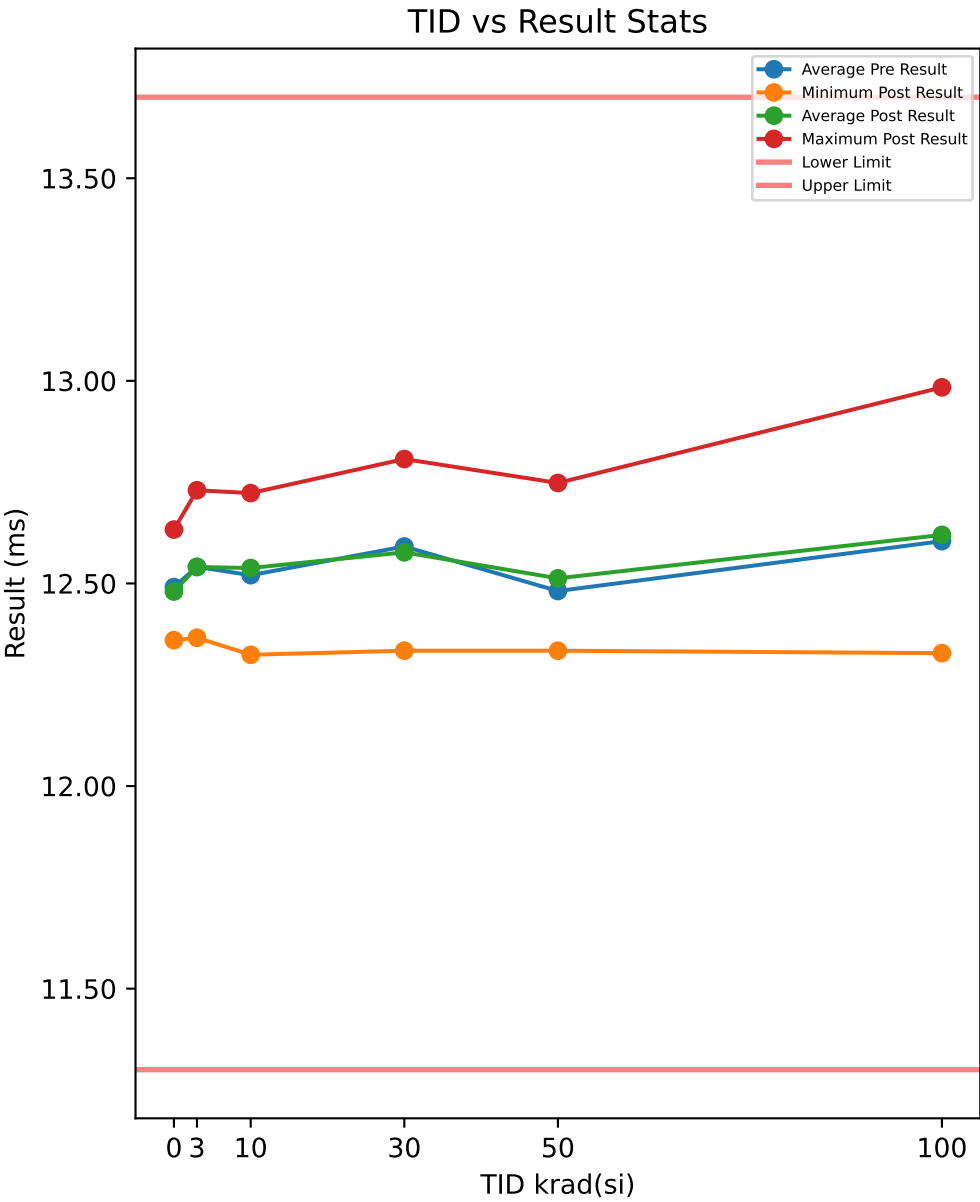
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.308	12.489	12.626	0.16337	12.309	12.492	12.633	0.16591	0.001	0.003	0.007	0.0034641
3	12.406	12.579	12.774	0.14326	12.359	12.551	12.74	0.13811	-0.08	-0.0283	0.018	0.032038
10	12.323	12.521	12.733	0.17288	12.289	12.531	12.729	0.17602	-0.303	0.0096	0.385	0.16908
30	12.352	12.605	12.853	0.14325	12.345	12.592	12.824	0.15275	-0.114	-0.0128	0.126	0.080522
50	12.324	12.494	12.744	0.13651	12.327	12.525	12.744	0.15288	-0.063	0.0314	0.165	0.072231
100	12.289	12.607	12.837	0.16102	12.274	12.623	13.031	0.23809	-0.241	0.0163	0.194	0.11977



Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.698	12.606	-0.092
301	0	Correlation	12.45	12.449	-0.001
302	0	Correlation	12.336	12.376	0.04
303	3	Bias	12.484	12.391	-0.093
304	3	Bias	12.407	12.446	0.039
305	3	Bias	12.684	12.655	-0.029
306	3	Bias	12.65	12.658	0.008
307	3	Bias	12.449	12.506	0.057
308	3	Unbiased	12.383	12.439	0.056
309	3	Unbiased	12.743	12.723	-0.02
310	3	Unbiased	12.743	12.674	-0.069
311	3	Unbiased	12.484	12.498	0.014
312	3	Unbiased	12.551	12.463	-0.088
313	10	Bias	12.39	12.369	-0.021
314	10	Bias	12.53	12.407	-0.123
315	10	Bias	12.356	12.362	0.006
316	10	Bias	12.532	12.566	0.034
317	10	Bias	12.71	12.68	-0.03
318	10	Unbiased	12.702	12.665	-0.037
319	10	Unbiased	12.352	12.32	-0.032
320	10	Unbiased	12.707	12.461	-0.246
321	10	Unbiased	12.415	12.716	0.301
322	10	Unbiased	12.681	12.709	0.028
323	30	Bias	12.5	12.499	-0.001
324	30	Bias	12.532	12.429	-0.103
325	30	Bias	12.626	12.638	0.012
326	30	Bias	12.567	12.669	0.102
327	30	Bias	12.395	12.418	0.023
328	30	Unbiased	12.619	12.596	-0.023
329	30	Unbiased	12.822	12.784	-0.038
330	30	Unbiased	12.669	12.508	-0.161
331	30	Unbiased	12.41	12.471	0.061
332	30	Unbiased	12.751	12.804	0.053
333	50	Bias	12.412	12.408	-0.004
334	50	Bias	12.699	12.714	0.015
335	50	Bias	12.414	12.495	0.081
336	50	Bias	12.551	12.741	0.19
337	50	Bias	12.419	12.328	-0.091
338	50	Unbiased	12.319	12.328	0.009
339	50	Unbiased	12.398	12.477	0.079
340	50	Unbiased	12.517	12.473	-0.044
341	50	Unbiased	12.625	12.746	0.121
342	50	Unbiased	12.557	12.516	-0.041
343	100	Bias	12.55	12.668	0.118
344	100	Bias	12.401	12.387	-0.014
345	100	Bias	12.731	12.781	0.05
346	100	Bias	12.445	12.324	-0.121
347	100	Bias	12.364	12.409	0.045
348	100	Unbiased	12.793	12.981	0.188
349	100	Unbiased	12.624	12.573	-0.051
350	100	Unbiased	12.703	12.689	-0.014
351	100	Unbiased	12.738	12.885	0.147
352	100	Unbiased	12.458	12.499	0.041

Test Statistics (ms)

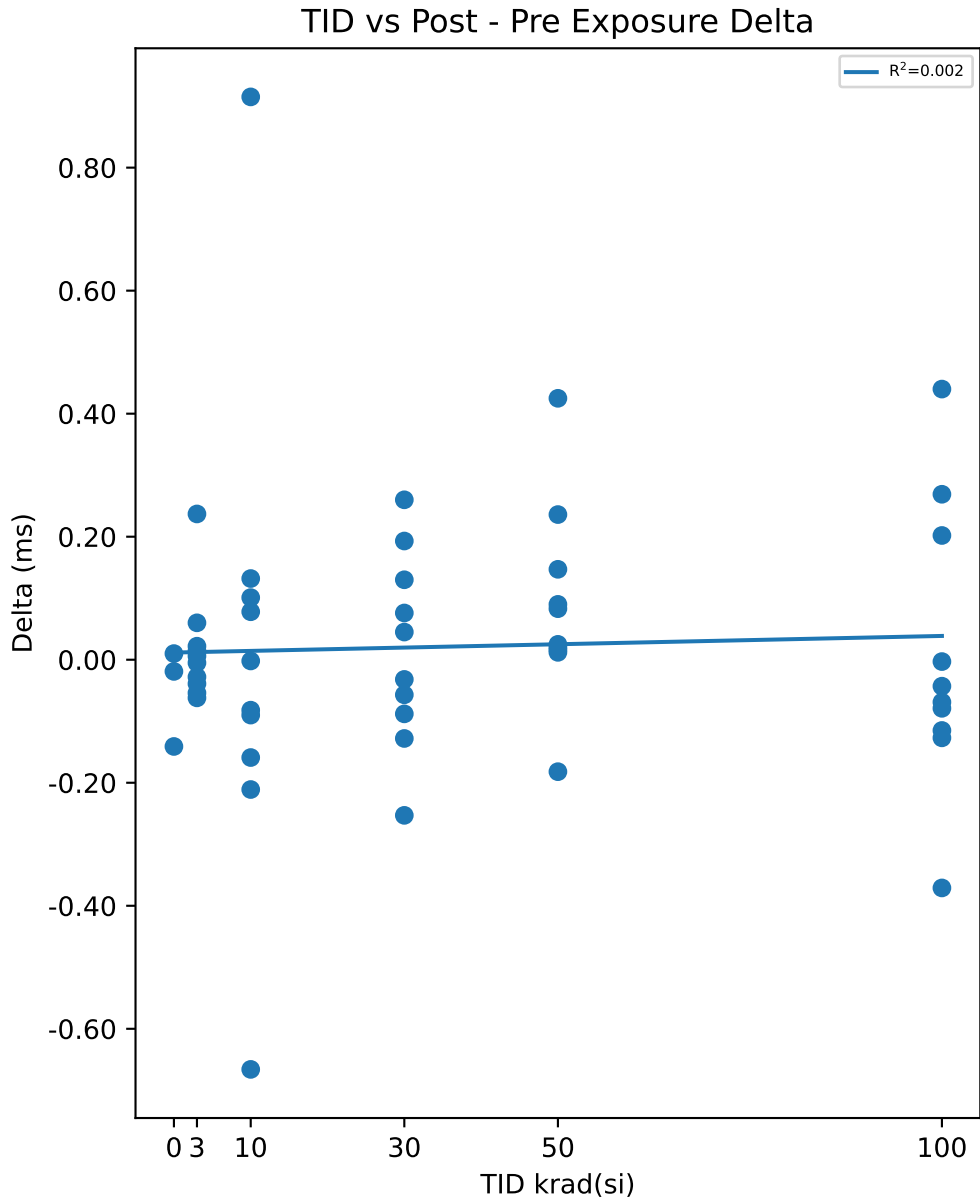
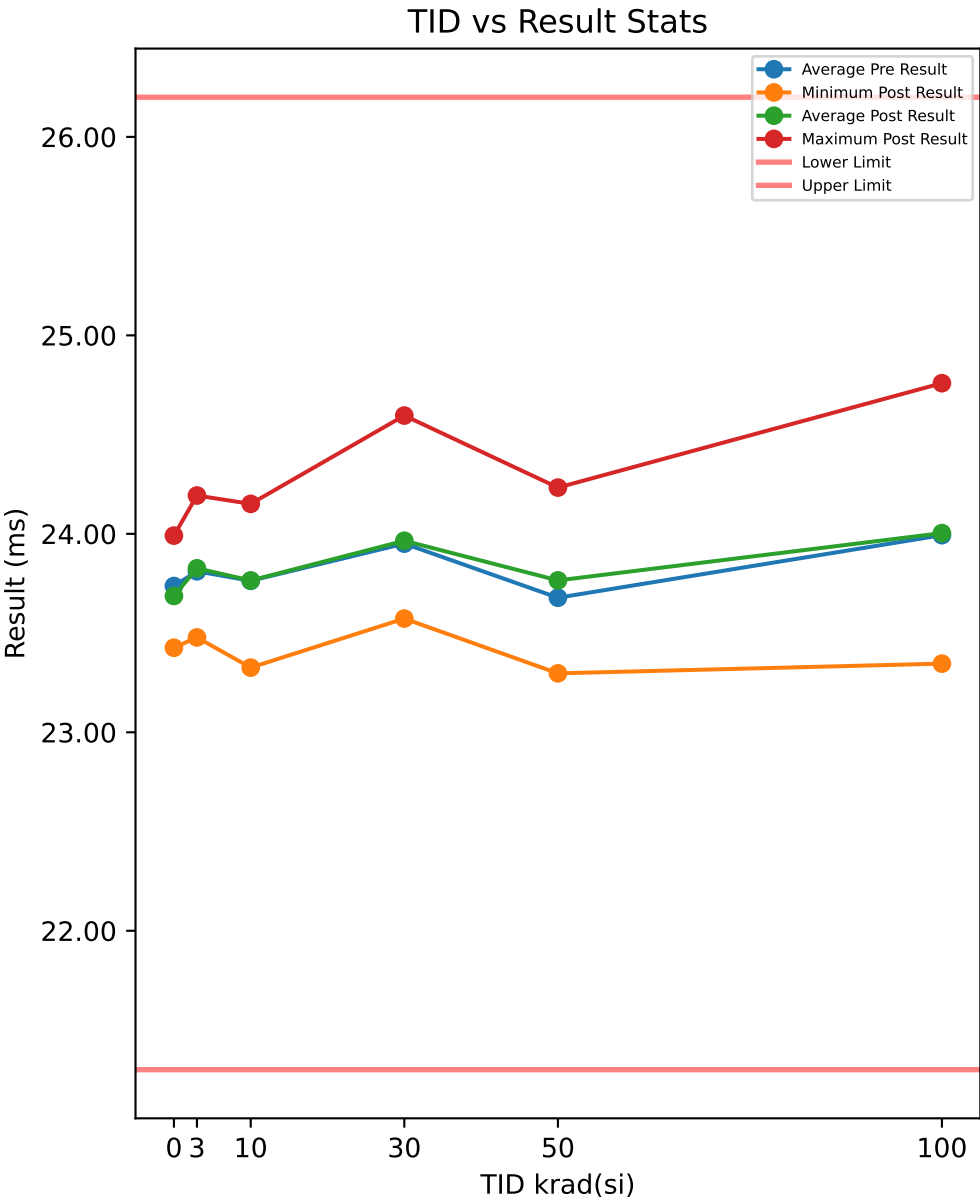
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.336	12.495	12.698	0.18509	12.376	12.477	12.606	0.11753	-0.092	-0.017667	0.04	0.06756
3	12.383	12.558	12.743	0.13707	12.391	12.545	12.723	0.11944	-0.093	-0.0125	0.057	0.056763
10	12.352	12.537	12.71	0.15288	12.32	12.525	12.716	0.15867	-0.246	-0.012	0.301	0.13765
30	12.395	12.589	12.822	0.13765	12.418	12.582	12.804	0.13983	-0.161	-0.0075	0.102	0.078562
50	12.319	12.491	12.699	0.11806	12.328	12.523	12.746	0.15932	-0.091	0.0315	0.19	0.085531
100	12.364	12.581	12.793	0.15737	12.324	12.62	12.981	0.2203	-0.121	0.0389	0.188	0.094036



Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.636	12.633	-0.003
301	0	Correlation	12.456	12.447	-0.009
302	0	Correlation	12.381	12.36	-0.021
303	3	Bias	12.392	12.467	0.075
304	3	Bias	12.496	12.53	0.034
305	3	Bias	12.691	12.647	-0.044
306	3	Bias	12.657	12.662	0.005
307	3	Bias	12.527	12.43	-0.097
308	3	Unbiased	12.329	12.366	0.037
309	3	Unbiased	12.75	12.73	-0.02
310	3	Unbiased	12.68	12.679	-0.001
311	3	Unbiased	12.41	12.424	0.014
312	3	Unbiased	12.477	12.471	-0.006
313	10	Bias	12.299	12.369	0.07
314	10	Bias	12.524	12.483	-0.041
315	10	Bias	12.271	12.349	0.078
316	10	Bias	12.533	12.663	0.13
317	10	Bias	12.717	12.714	-0.003
318	10	Unbiased	12.708	12.671	-0.037
319	10	Unbiased	12.357	12.324	-0.033
320	10	Unbiased	12.706	12.382	-0.324
321	10	Unbiased	12.402	12.723	0.321
322	10	Unbiased	12.687	12.703	0.016
323	30	Bias	12.489	12.458	-0.031
324	30	Bias	12.535	12.436	-0.099
325	30	Bias	12.632	12.629	-0.003
326	30	Bias	12.566	12.673	0.107
327	30	Bias	12.378	12.334	-0.044
328	30	Unbiased	12.626	12.595	-0.031
329	30	Unbiased	12.829	12.788	-0.041
330	30	Unbiased	12.613	12.507	-0.106
331	30	Unbiased	12.487	12.541	0.054
332	30	Unbiased	12.757	12.807	0.05
333	50	Bias	12.353	12.415	0.062
334	50	Bias	12.707	12.703	-0.004
335	50	Bias	12.494	12.427	-0.067
336	50	Bias	12.556	12.748	0.192
337	50	Bias	12.336	12.357	0.021
338	50	Unbiased	12.313	12.334	0.021
339	50	Unbiased	12.414	12.413	-0.001
340	50	Unbiased	12.532	12.546	0.014
341	50	Unbiased	12.631	12.681	0.05
342	50	Unbiased	12.477	12.502	0.025
343	100	Bias	12.558	12.673	0.115
344	100	Bias	12.467	12.391	-0.076
345	100	Bias	12.753	12.715	-0.038
346	100	Bias	12.524	12.328	-0.196
347	100	Bias	12.372	12.418	0.046
348	100	Unbiased	12.798	12.984	0.186
349	100	Unbiased	12.652	12.579	-0.073
350	100	Unbiased	12.687	12.696	0.009
351	100	Unbiased	12.765	12.904	0.139
352	100	Unbiased	12.468	12.51	0.042

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.381	12.491	12.636	0.13105	12.36	12.48	12.633	0.13946	-0.021	-0.011	-0.003	0.0091652
3	12.329	12.541	12.75	0.14514	12.366	12.541	12.73	0.12814	-0.097	-0.0003	0.075	0.047319
10	12.271	12.52	12.717	0.17893	12.324	12.538	12.723	0.171	-0.324	0.0177	0.321	0.16233
30	12.378	12.591	12.829	0.13247	12.334	12.577	12.807	0.15237	-0.106	-0.0144	0.107	0.067804
50	12.313	12.481	12.707	0.13	12.334	12.513	12.748	0.1506	-0.067	0.0313	0.192	0.066349
100	12.372	12.604	12.798	0.14703	12.328	12.62	12.984	0.21681	-0.196	0.0154	0.186	0.11532

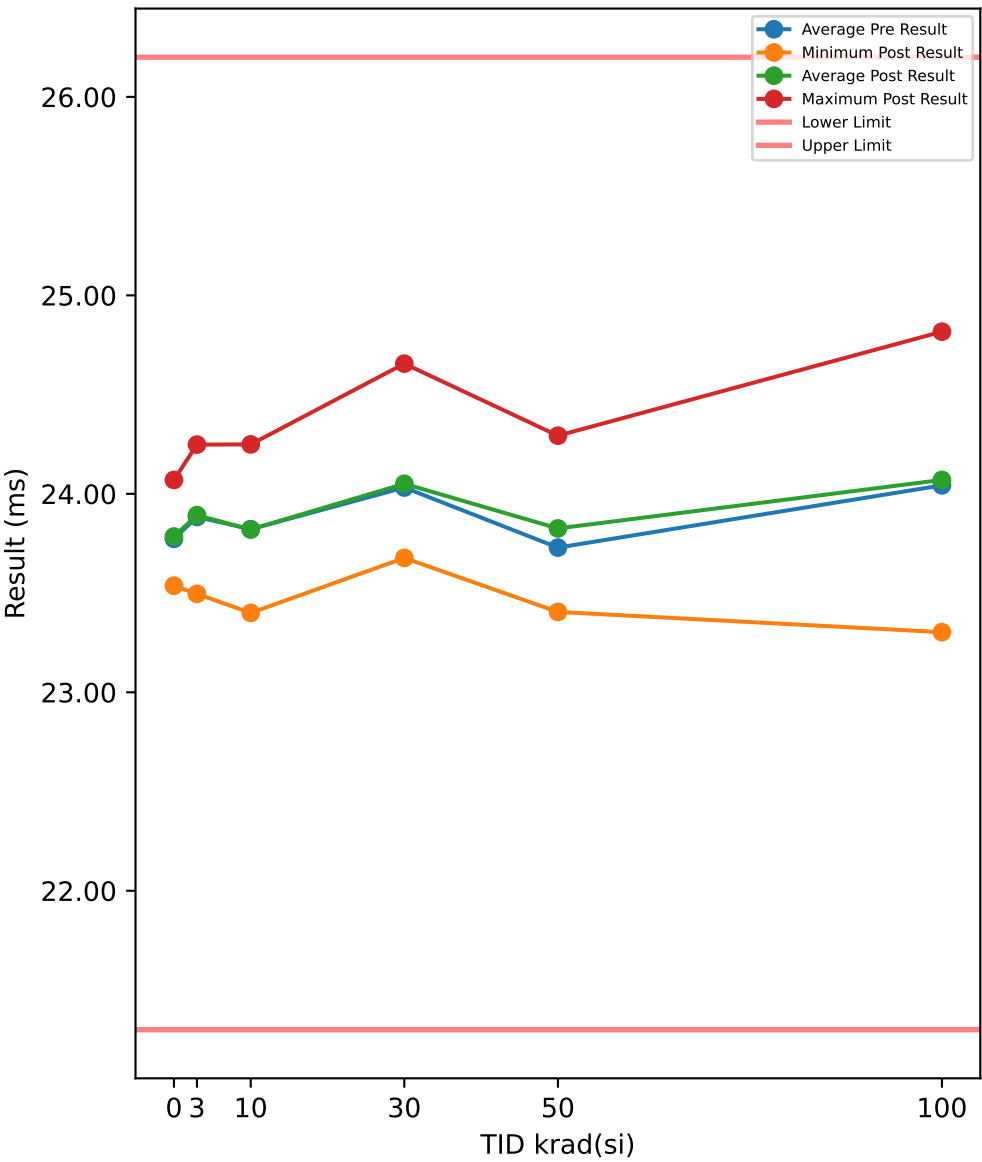


Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.01	23.991	-0.019
301	0	Correlation	23.634	23.644	0.01
302	0	Correlation	23.567	23.426	-0.141
303	3	Bias	23.641	23.647	0.006
304	3	Bias	23.767	23.827	0.06
305	3	Bias	24.118	24.064	-0.054
306	3	Bias	24.039	24.061	0.022
307	3	Bias	23.54	23.478	-0.062
308	3	Unbiased	23.309	23.546	0.237
309	3	Unbiased	24.232	24.193	-0.039
310	3	Unbiased	24.078	24.05	-0.028
311	3	Unbiased	23.701	23.696	-0.005
312	3	Unbiased	23.687	23.701	0.014
313	10	Bias	23.556	23.345	-0.211
314	10	Bias	23.749	23.659	-0.09
315	10	Bias	23.485	23.326	-0.159
316	10	Bias	23.808	23.909	0.101
317	10	Bias	24.144	24.142	-0.002
318	10	Unbiased	24.118	24.036	-0.082
319	10	Unbiased	23.319	23.451	0.132
320	10	Unbiased	24.169	23.503	-0.666
321	10	Unbiased	23.236	24.151	0.915
322	10	Unbiased	24.049	24.127	0.078
323	30	Bias	23.938	23.81	-0.128
324	30	Bias	23.765	23.677	-0.088
325	30	Bias	23.993	24.038	0.045
326	30	Bias	23.877	24.137	0.26
327	30	Bias	23.497	23.573	0.076
328	30	Unbiased	23.878	23.846	-0.032
329	30	Unbiased	24.653	24.596	-0.057
330	30	Unbiased	24.185	23.932	-0.253
331	30	Unbiased	23.435	23.628	0.193
332	30	Unbiased	24.285	24.415	0.13
333	50	Bias	23.505	23.652	0.147
334	50	Bias	24.162	24.182	0.02
335	50	Bias	23.654	23.67	0.016
336	50	Bias	23.808	24.233	0.425
337	50	Bias	23.479	23.297	-0.182
338	50	Unbiased	23.281	23.517	0.236
339	50	Unbiased	23.489	23.501	0.012
340	50	Unbiased	23.574	23.599	0.025
341	50	Unbiased	24.003	24.093	0.09
342	50	Unbiased	23.826	23.909	0.083
343	100	Bias	23.845	24.047	0.202
344	100	Bias	23.531	23.488	-0.043
345	100	Bias	24.492	24.413	-0.079
346	100	Bias	23.717	23.346	-0.371
347	100	Bias	23.477	23.474	-0.003
348	100	Unbiased	24.319	24.759	0.44
349	100	Unbiased	24.226	24.099	-0.127
350	100	Unbiased	24.202	24.133	-0.069
351	100	Unbiased	24.382	24.651	0.269
352	100	Unbiased	23.741	23.626	-0.115

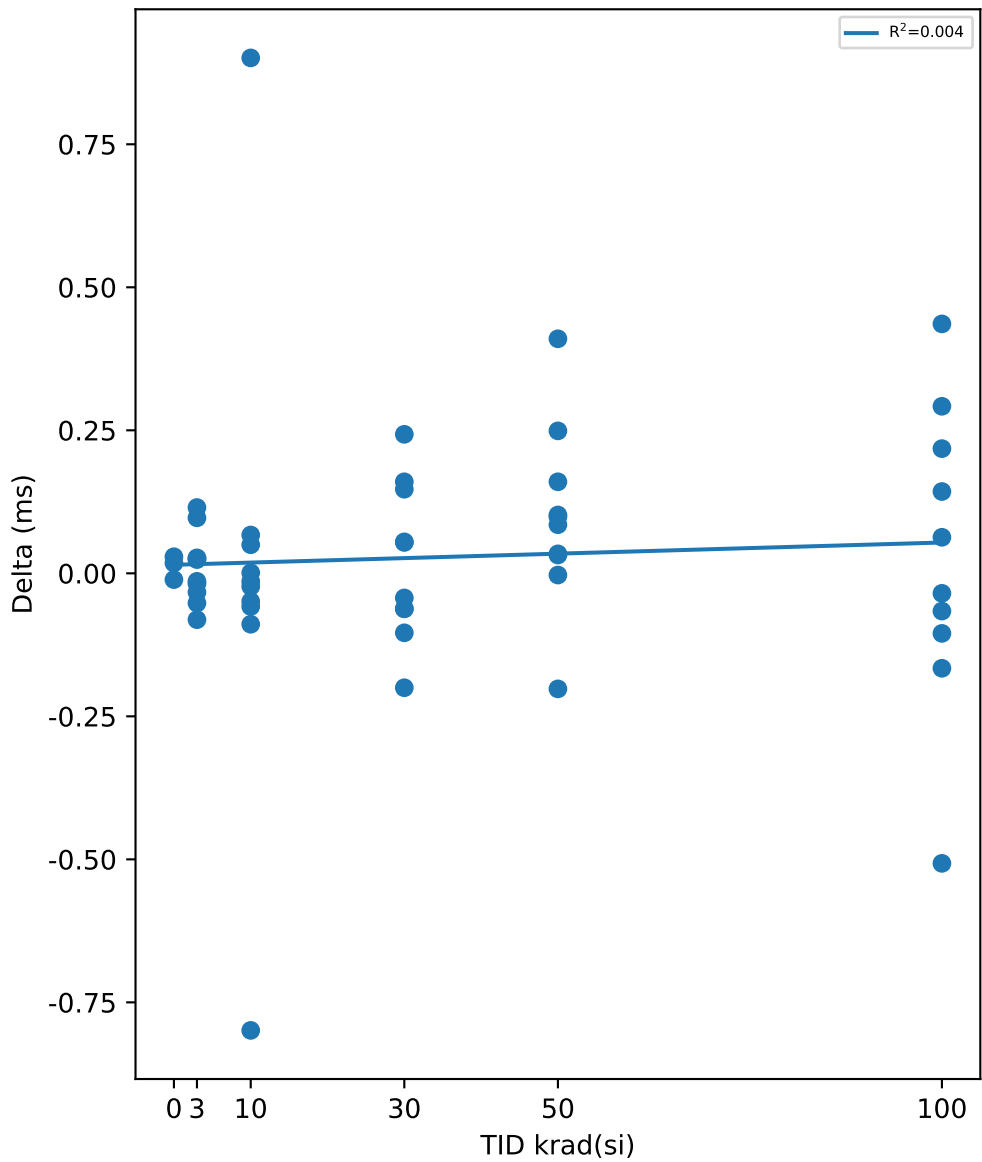
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.567	23.737	24.01	0.23879	23.426	23.687	23.991	0.28494	-0.141	-0.05	0.01	0.080131
3	23.309	23.811	24.232	0.29411	23.478	23.826	24.193	0.24962	-0.062	0.0151	0.237	0.086471
10	23.236	23.763	24.169	0.35198	23.326	23.765	24.151	0.34383	-0.666	0.0016	0.915	0.39428
30	23.435	23.951	24.653	0.36191	23.573	23.965	24.596	0.33748	-0.253	0.0146	0.26	0.15629
50	23.281	23.678	24.162	0.26935	23.297	23.765	24.233	0.31986	-0.182	0.0872	0.425	0.16036
100	23.477	23.993	24.492	0.37206	23.346	24.004	24.759	0.50623	-0.371	0.0104	0.44	0.23227

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

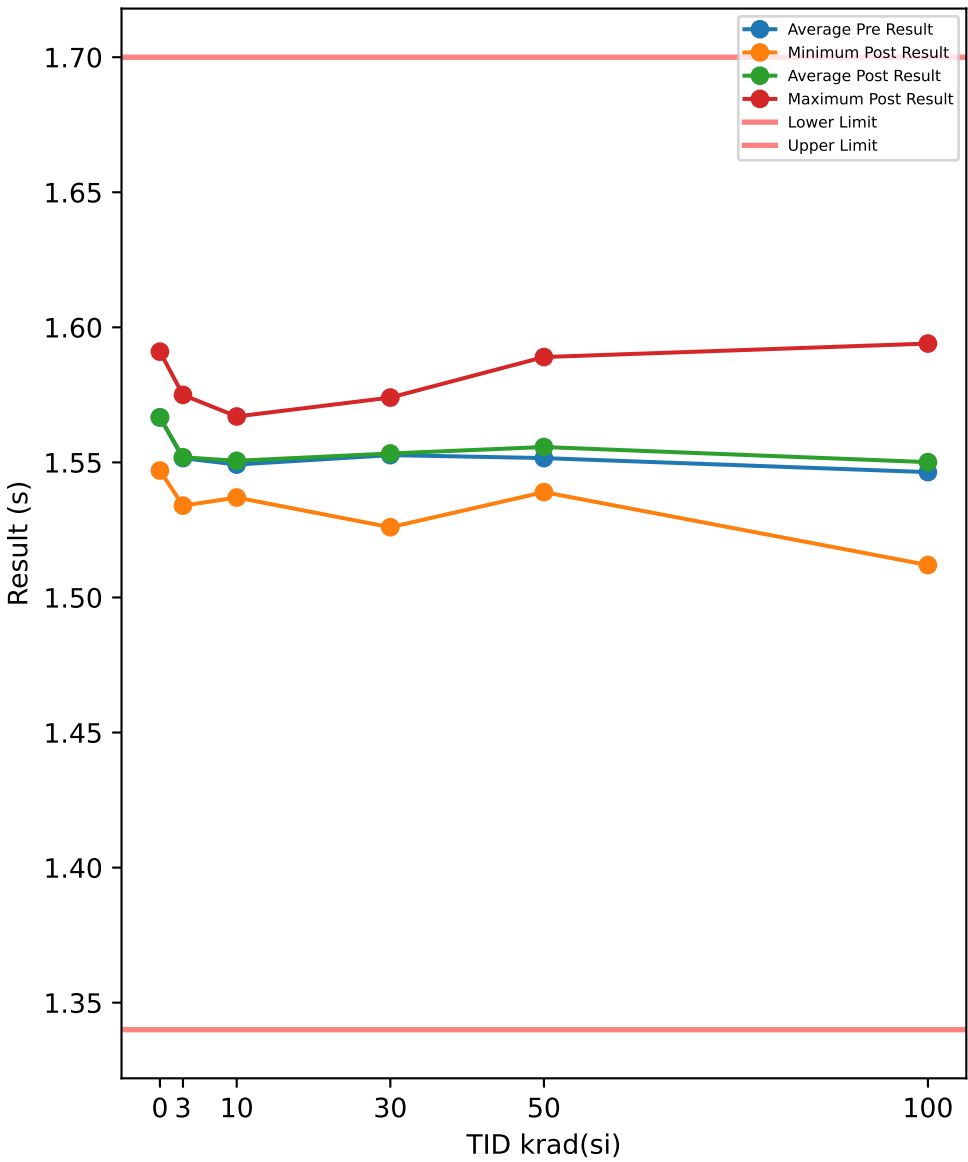
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.081	24.07	-0.011
301	0	Correlation	23.73	23.748	0.018
302	0	Correlation	23.508	23.537	0.029
303	3	Bias	23.742	23.766	0.024
304	3	Bias	23.808	23.923	0.115
305	3	Bias	24.17	24.089	-0.081
306	3	Bias	24.073	24.099	0.026
307	3	Bias	23.597	23.564	-0.033
308	3	Unbiased	23.399	23.496	0.097
309	3	Unbiased	24.3	24.248	-0.052
310	3	Unbiased	24.129	24.111	-0.018
311	3	Unbiased	23.784	23.811	0.027
312	3	Unbiased	23.832	23.818	-0.014
313	10	Bias	23.505	23.456	-0.049
314	10	Bias	23.856	23.767	-0.089
315	10	Bias	23.44	23.441	0.001
316	10	Bias	23.887	23.954	0.067
317	10	Bias	24.217	24.203	-0.014
318	10	Unbiased	24.165	24.107	-0.058
319	10	Unbiased	23.423	23.4	-0.023
320	10	Unbiased	24.239	23.44	-0.799
321	10	Unbiased	23.348	24.249	0.901
322	10	Unbiased	24.138	24.188	0.05
323	30	Bias	24.009	23.905	-0.104
324	30	Bias	23.837	23.794	-0.043
325	30	Bias	24.084	24.138	0.054
326	30	Bias	23.951	24.194	0.243
327	30	Bias	23.622	23.677	0.055
328	30	Unbiased	23.996	23.934	-0.062
329	30	Unbiased	24.718	24.656	-0.062
330	30	Unbiased	24.225	24.025	-0.2
331	30	Unbiased	23.564	23.711	0.147
332	30	Unbiased	24.312	24.472	0.16
333	50	Bias	23.48	23.582	0.102
334	50	Bias	24.222	24.256	0.034
335	50	Bias	23.776	23.773	-0.003
336	50	Bias	23.883	24.293	0.41
337	50	Bias	23.607	23.405	-0.202
338	50	Unbiased	23.251	23.5	0.249
339	50	Unbiased	23.422	23.582	0.16
340	50	Unbiased	23.672	23.704	0.032
341	50	Unbiased	24.083	24.182	0.099
342	50	Unbiased	23.895	23.98	0.085
343	100	Bias	23.897	24.115	0.218
344	100	Bias	23.633	23.598	-0.035
345	100	Bias	24.588	24.483	-0.105
346	100	Bias	23.81	23.303	-0.507
347	100	Bias	23.424	23.567	0.143
348	100	Unbiased	24.381	24.817	0.436
349	100	Unbiased	24.328	24.162	-0.166
350	100	Unbiased	24.249	24.183	-0.066
351	100	Unbiased	24.417	24.709	0.292
352	100	Unbiased	23.7	23.763	0.063

Test Statistics (ms)

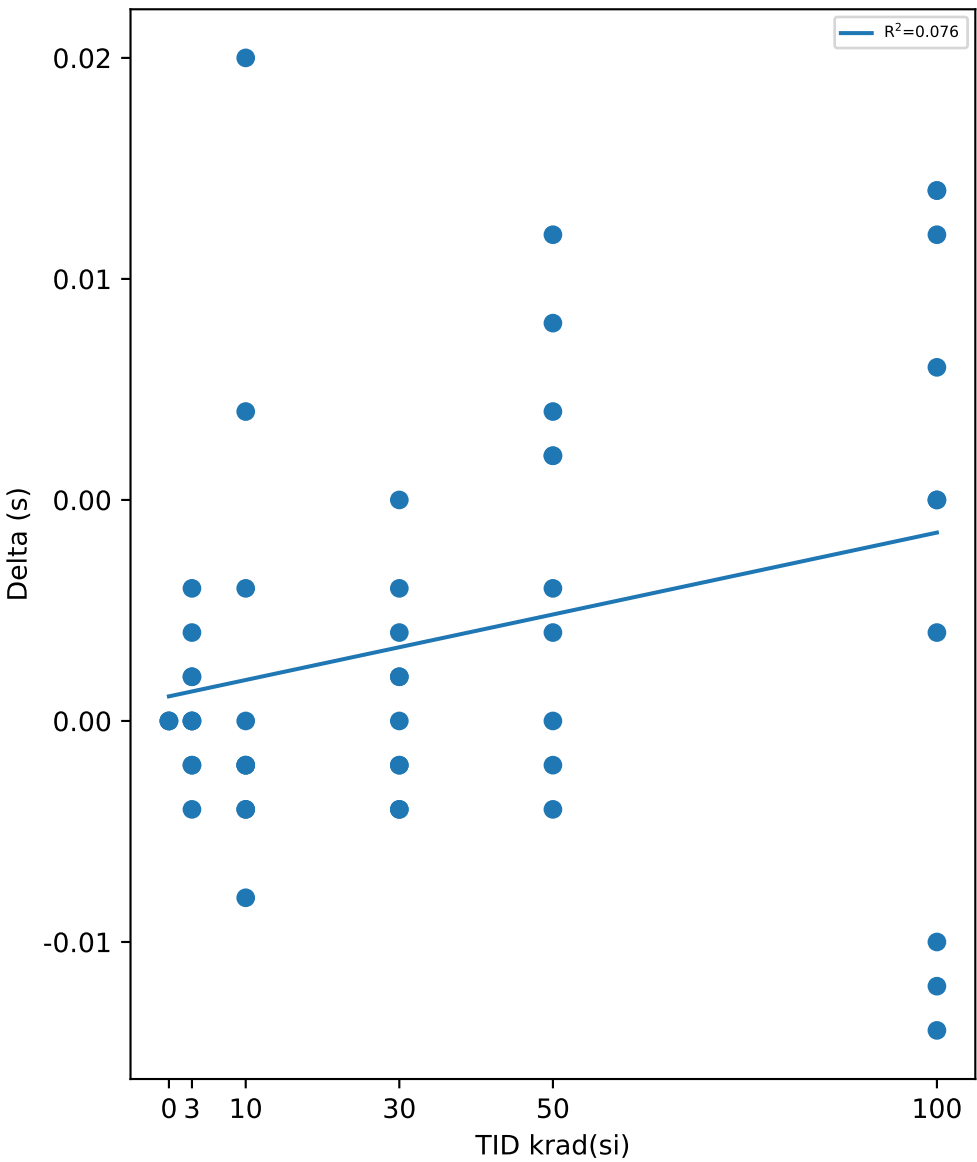
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.508	23.773	24.081	0.28891	23.537	23.785	24.07	0.26842	-0.011	0.012	0.029	0.020664
3	23.399	23.883	24.3	0.28024	23.496	23.893	24.248	0.24712	-0.081	0.0091	0.115	0.062058
10	23.348	23.822	24.239	0.36257	23.4	23.82	24.249	0.35997	-0.799	-0.0013	0.901	0.40436
30	23.564	24.032	24.718	0.33706	23.677	24.051	24.656	0.32119	-0.2	0.0188	0.243	0.13704
50	23.251	23.729	24.222	0.30271	23.405	23.826	24.293	0.32892	-0.202	0.0966	0.41	0.16083
100	23.424	24.043	24.588	0.39712	23.303	24.07	24.817	0.50755	-0.507	0.0273	0.436	0.26689

Device Test: 5.70 ; WD_TMR_1MOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta



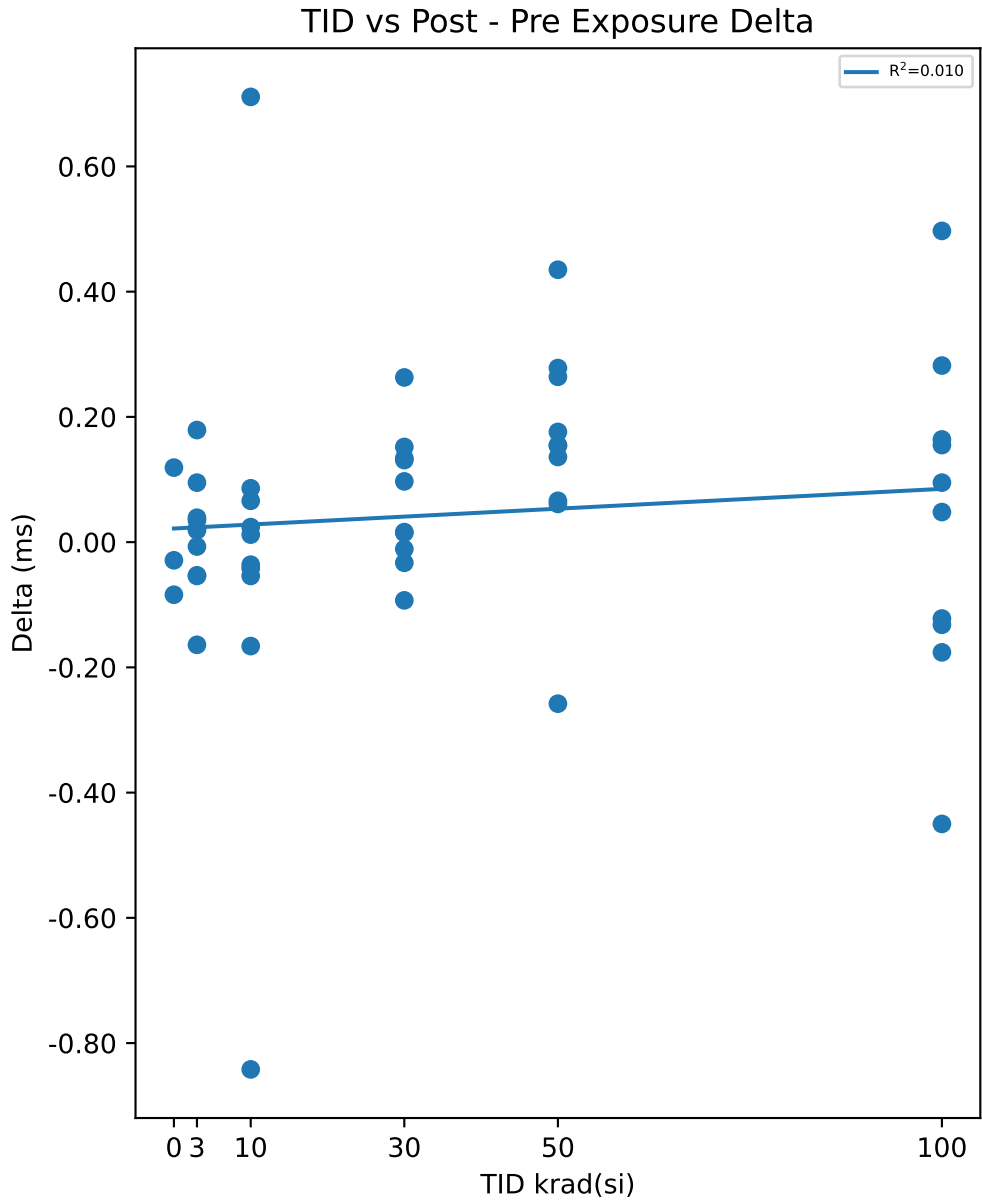
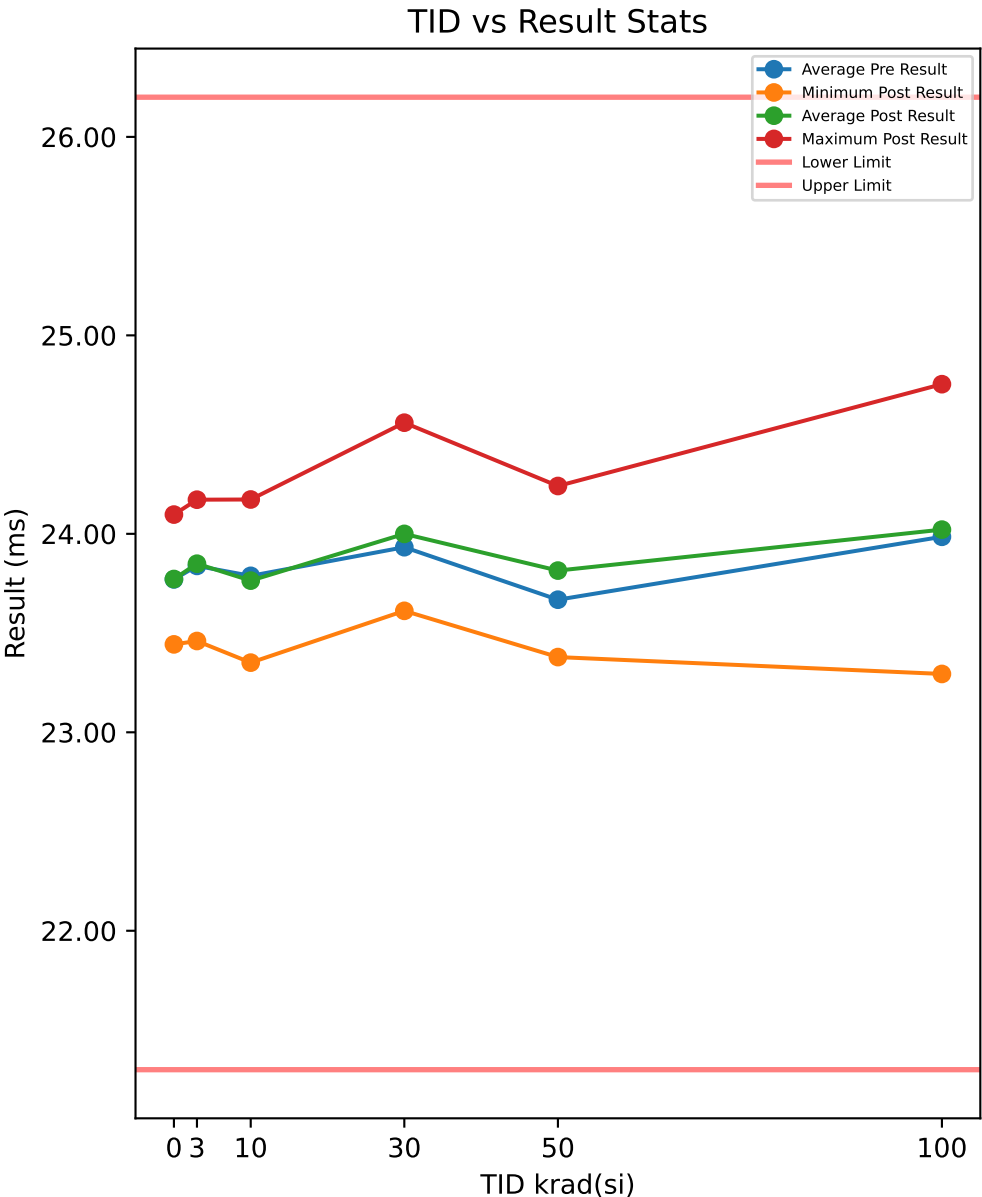
Test Results (Lower Limit = 1.34, Upper Limit = 1.7 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.591	1.591	0
301	0	Correlation	1.547	1.547	0
302	0	Correlation	1.562	1.562	0
303	3	Bias	1.573	1.575	0.002
304	3	Bias	1.541	1.541	0
305	3	Bias	1.535	1.534	-0.001
306	3	Bias	1.55	1.551	0.001
307	3	Bias	1.549	1.549	0
308	3	Unbiased	1.56	1.559	-0.001
309	3	Unbiased	1.54	1.54	0
310	3	Unbiased	1.547	1.548	0.001
311	3	Unbiased	1.557	1.555	-0.002
312	3	Unbiased	1.564	1.567	0.003
313	10	Bias	1.53	1.537	0.007
314	10	Bias	1.55	1.546	-0.004
315	10	Bias	1.558	1.558	0
316	10	Bias	1.543	1.542	-0.001
317	10	Bias	1.544	1.543	-0.001
318	10	Unbiased	1.562	1.56	-0.002
319	10	Unbiased	1.555	1.558	0.003
320	10	Unbiased	1.537	1.552	0.015
321	10	Unbiased	1.545	1.543	-0.002
322	10	Unbiased	1.568	1.567	-0.001
323	30	Bias	1.531	1.529	-0.002
324	30	Bias	1.525	1.526	0.001
325	30	Bias	1.575	1.574	-0.001
326	30	Bias	1.551	1.55	-0.001
327	30	Bias	1.539	1.541	0.002
328	30	Unbiased	1.567	1.572	0.005
329	30	Unbiased	1.546	1.544	-0.002
330	30	Unbiased	1.566	1.569	0.003
331	30	Unbiased	1.558	1.559	0.001
332	30	Unbiased	1.569	1.569	0
333	50	Bias	1.562	1.564	0.002
334	50	Bias	1.541	1.539	-0.002
335	50	Bias	1.586	1.589	0.003
336	50	Bias	1.543	1.542	-0.001
337	50	Bias	1.538	1.544	0.006
338	50	Unbiased	1.543	1.55	0.007
339	50	Unbiased	1.537	1.543	0.006
340	50	Unbiased	1.555	1.564	0.009
341	50	Unbiased	1.535	1.546	0.011
342	50	Unbiased	1.576	1.576	0
343	100	Bias	1.555	1.548	-0.007
344	100	Bias	1.518	1.512	-0.006
345	100	Bias	1.535	1.537	0.002
346	100	Bias	1.541	1.553	0.012
347	100	Bias	1.582	1.594	0.012
348	100	Unbiased	1.523	1.528	0.005
349	100	Unbiased	1.538	1.533	-0.005
350	100	Unbiased	1.566	1.571	0.005
351	100	Unbiased	1.545	1.556	0.011
352	100	Unbiased	1.561	1.569	0.008

Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.547	1.5667	1.591	0.022368	1.547	1.5667	1.591	0.022368	0	0	0	0
3	1.535	1.5516	1.573	0.011853	1.534	1.5519	1.575	0.012591	-0.002	0.0003	0.003	0.0014944
10	1.53	1.5492	1.568	0.011689	1.537	1.5506	1.567	0.0098002	-0.004	0.0014	0.015	0.0056804
30	1.525	1.5527	1.575	0.017147	1.526	1.5533	1.574	0.017914	-0.002	0.0006	0.005	0.0022706
50	1.535	1.5516	1.586	0.01774	1.539	1.5557	1.589	0.016833	-0.002	0.0041	0.011	0.004383
100	1.518	1.5464	1.582	0.019789	1.512	1.5501	1.594	0.023974	-0.007	0.0037	0.012	0.0074543

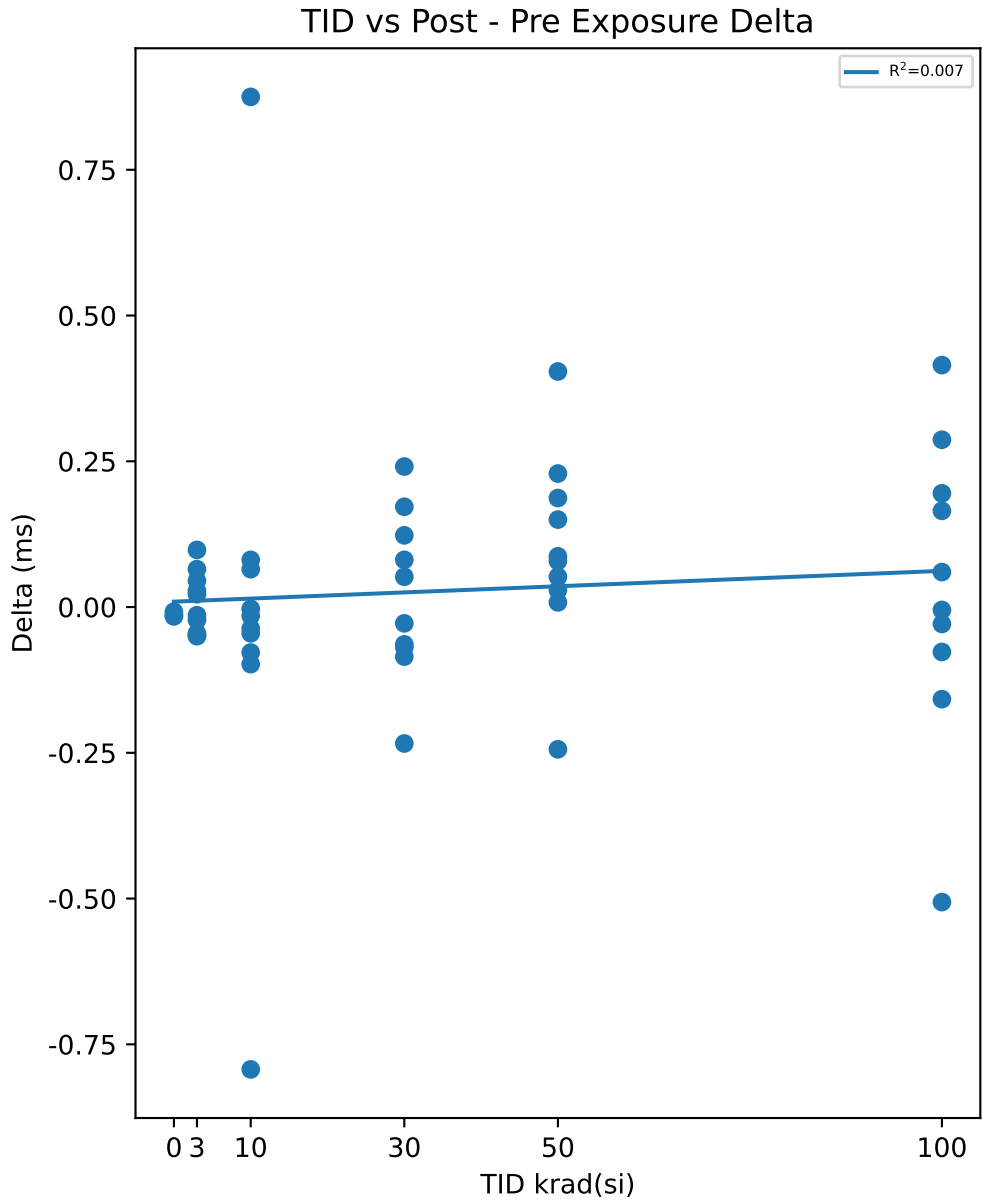
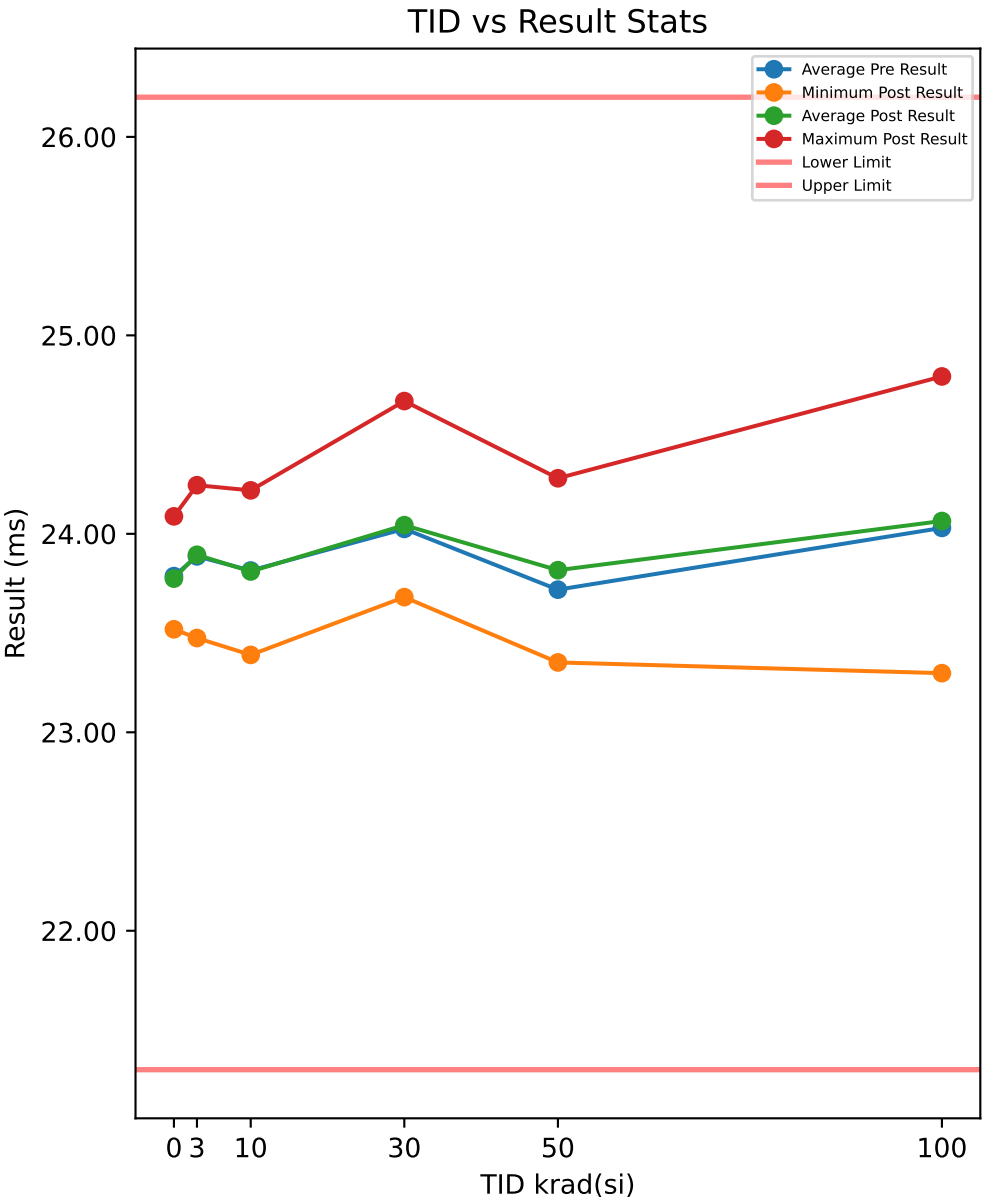
Device Test: 5.71 ; DLY_TMR_1MOHM



Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.126	24.097	-0.029
301	0	Correlation	23.658	23.777	0.119
302	0	Correlation	23.527	23.443	-0.084
303	3	Bias	23.637	23.656	0.019
304	3	Bias	23.867	23.813	-0.054
305	3	Bias	24.129	24.076	-0.053
306	3	Bias	24.041	24.08	0.039
307	3	Bias	23.639	23.475	-0.164
308	3	Unbiased	23.365	23.46	0.095
309	3	Unbiased	24.179	24.172	-0.007
310	3	Unbiased	24.047	24.069	0.022
311	3	Unbiased	23.691	23.87	0.179
312	3	Unbiased	23.789	23.824	0.035
313	10	Bias	23.407	23.371	-0.036
314	10	Bias	23.788	23.734	-0.054
315	10	Bias	23.434	23.458	0.024
316	10	Bias	23.917	23.875	-0.042
317	10	Bias	24.107	24.173	0.066
318	10	Unbiased	24.179	24.013	-0.166
319	10	Unbiased	23.38	23.466	0.086
320	10	Unbiased	24.193	23.351	-0.842
321	10	Unbiased	23.395	24.106	0.711
322	10	Unbiased	24.083	24.095	0.012
323	30	Bias	23.861	23.828	-0.033
324	30	Bias	23.735	23.832	0.097
325	30	Bias	24.027	24.043	0.016
326	30	Bias	23.892	24.044	0.152
327	30	Bias	23.487	23.75	0.263
328	30	Unbiased	23.863	23.852	-0.011
329	30	Unbiased	24.545	24.56	0.015
330	30	Unbiased	24.147	24.054	-0.093
331	30	Unbiased	23.478	23.612	0.134
332	30	Unbiased	24.291	24.422	0.131
333	50	Bias	23.386	23.65	0.264
334	50	Bias	24.142	24.208	0.066
335	50	Bias	23.665	23.819	0.154
336	50	Bias	23.806	24.241	0.435
337	50	Bias	23.637	23.379	-0.258
338	50	Unbiased	23.235	23.513	0.278
339	50	Unbiased	23.435	23.496	0.061
340	50	Unbiased	23.613	23.749	0.136
341	50	Unbiased	23.958	24.113	0.155
342	50	Unbiased	23.804	23.98	0.176
343	100	Bias	23.802	24.084	0.282
344	100	Bias	23.679	23.557	-0.122
345	100	Bias	24.457	24.505	0.048
346	100	Bias	23.744	23.294	-0.45
347	100	Bias	23.297	23.452	0.155
348	100	Unbiased	24.257	24.754	0.497
349	100	Unbiased	24.321	24.145	-0.176
350	100	Unbiased	24.236	24.104	-0.132
351	100	Unbiased	24.413	24.577	0.164
352	100	Unbiased	23.645	23.74	0.095

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.527	23.77	24.126	0.3149	23.443	23.772	24.097	0.32702	-0.084	0.002	0.119	0.10499
3	23.365	23.838	24.179	0.26129	23.46	23.849	24.172	0.2557	-0.164	0.0111	0.179	0.091951
10	23.38	23.788	24.193	0.35178	23.351	23.764	24.173	0.32939	-0.842	-0.0241	0.711	0.37338
30	23.478	23.933	24.545	0.3357	23.612	24	24.56	0.29649	-0.093	0.0671	0.263	0.10652
50	23.235	23.668	24.142	0.27317	23.379	23.815	24.241	0.31031	-0.258	0.1467	0.435	0.18039
100	23.297	23.985	24.457	0.39861	23.294	24.021	24.754	0.50038	-0.45	0.0361	0.497	0.26699

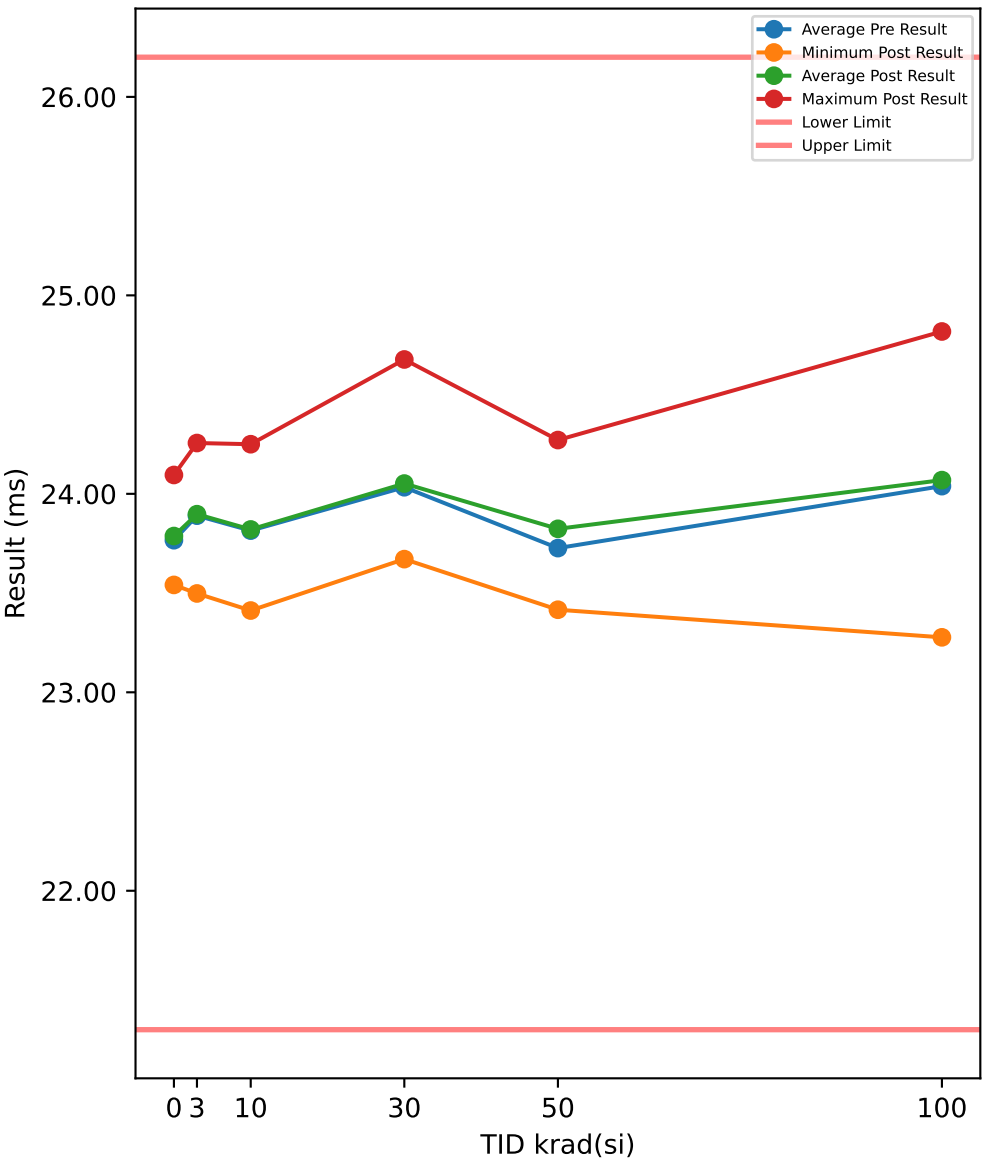


Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.096	24.088	-0.008
301	0	Correlation	23.732	23.716	-0.016
302	0	Correlation	23.533	23.519	-0.014
303	3	Bias	23.715	23.76	0.045
304	3	Bias	23.837	23.902	0.065
305	3	Bias	24.169	24.124	-0.045
306	3	Bias	24.099	24.121	0.022
307	3	Bias	23.634	23.584	-0.05
308	3	Unbiased	23.377	23.475	0.098
309	3	Unbiased	24.293	24.245	-0.048
310	3	Unbiased	24.137	24.115	-0.022
311	3	Unbiased	23.779	23.807	0.028
312	3	Unbiased	23.825	23.811	-0.014
313	10	Bias	23.498	23.453	-0.045
314	10	Bias	23.84	23.762	-0.078
315	10	Bias	23.433	23.43	-0.003
316	10	Bias	23.887	23.952	0.065
317	10	Bias	24.212	24.197	-0.015
318	10	Unbiased	24.174	24.076	-0.098
319	10	Unbiased	23.427	23.39	-0.037
320	10	Unbiased	24.233	23.44	-0.793
321	10	Unbiased	23.344	24.219	0.875
322	10	Unbiased	24.103	24.184	0.081
323	30	Bias	23.969	23.9	-0.069
324	30	Bias	23.855	23.791	-0.064
325	30	Bias	24.072	24.124	0.052
326	30	Bias	23.954	24.195	0.241
327	30	Bias	23.613	23.694	0.081
328	30	Unbiased	23.986	23.901	-0.085
329	30	Unbiased	24.697	24.669	-0.028
330	30	Unbiased	24.24	24.006	-0.234
331	30	Unbiased	23.558	23.681	0.123
332	30	Unbiased	24.304	24.476	0.172
333	50	Bias	23.446	23.596	0.15
334	50	Bias	24.219	24.227	0.008
335	50	Bias	23.769	23.798	0.029
336	50	Bias	23.876	24.28	0.404
337	50	Bias	23.596	23.352	-0.244
338	50	Unbiased	23.245	23.474	0.229
339	50	Unbiased	23.426	23.613	0.187
340	50	Unbiased	23.66	23.712	0.052
341	50	Unbiased	24.061	24.148	0.087
342	50	Unbiased	23.889	23.968	0.079
343	100	Bias	23.903	24.098	0.195
344	100	Bias	23.605	23.576	-0.029
345	100	Bias	24.558	24.481	-0.077
346	100	Bias	23.804	23.298	-0.506
347	100	Bias	23.414	23.579	0.165
348	100	Unbiased	24.378	24.793	0.415
349	100	Unbiased	24.317	24.159	-0.158
350	100	Unbiased	24.196	24.191	-0.005
351	100	Unbiased	24.424	24.711	0.287
352	100	Unbiased	23.699	23.759	0.06

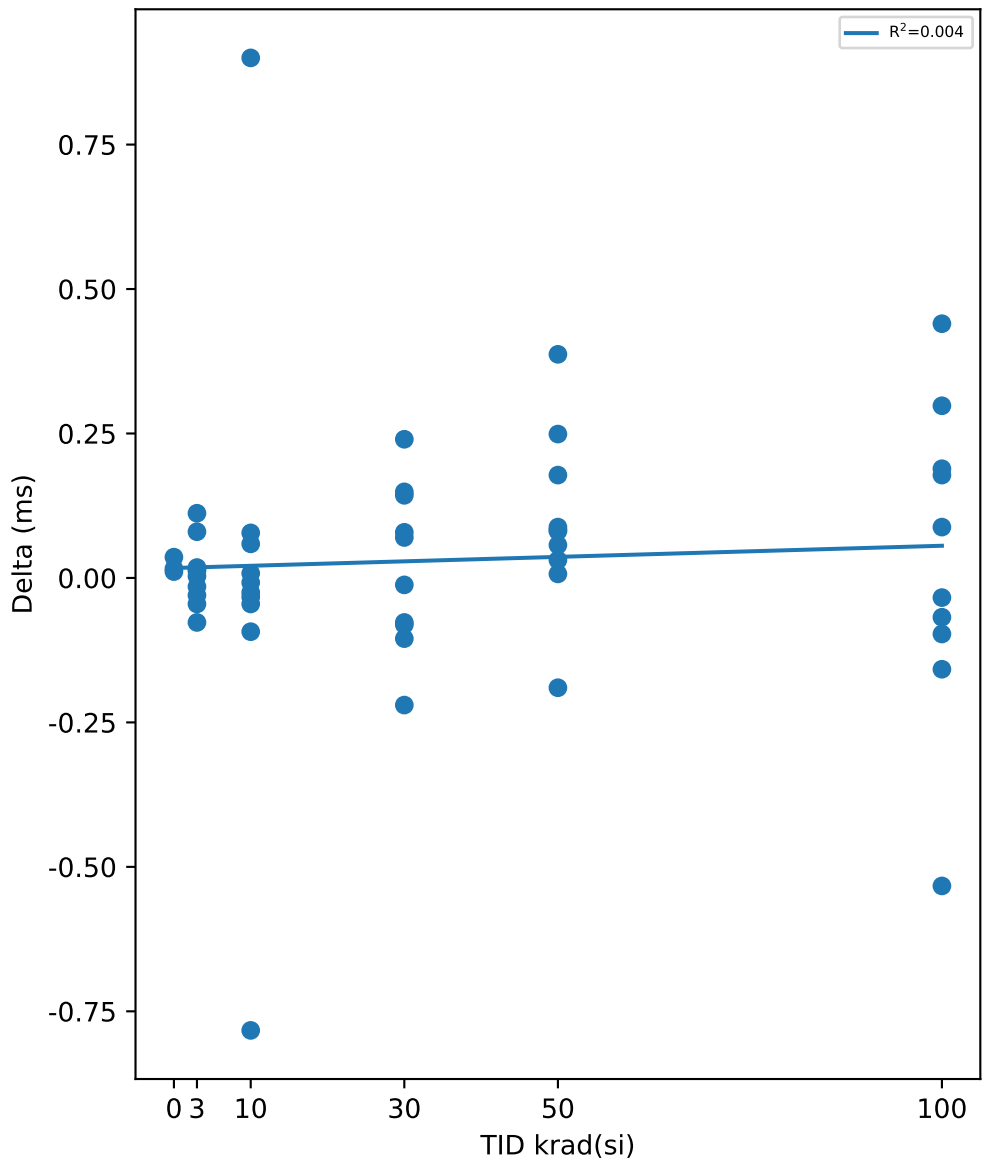
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.533	23.787	24.096	0.2855	23.519	23.774	24.088	0.28895	-0.016	-0.012667	-0.008	0.0041633
3	23.377	23.887	24.293	0.28353	23.475	23.894	24.245	0.25399	-0.05	0.0079	0.098	0.051647
10	23.344	23.815	24.233	0.36036	23.39	23.81	24.219	0.35517	-0.793	-0.0048	0.875	0.39782
30	23.558	24.025	24.697	0.33405	23.681	24.044	24.669	0.32785	-0.234	0.0189	0.241	0.14146
50	23.245	23.719	24.219	0.30307	23.352	23.817	24.28	0.32499	-0.244	0.0981	0.404	0.16794
100	23.414	24.03	24.558	0.39467	23.298	24.064	24.793	0.5059	-0.506	0.0347	0.415	0.25803

TID vs Result Stats



TID vs Post - Pre Exposure Delta



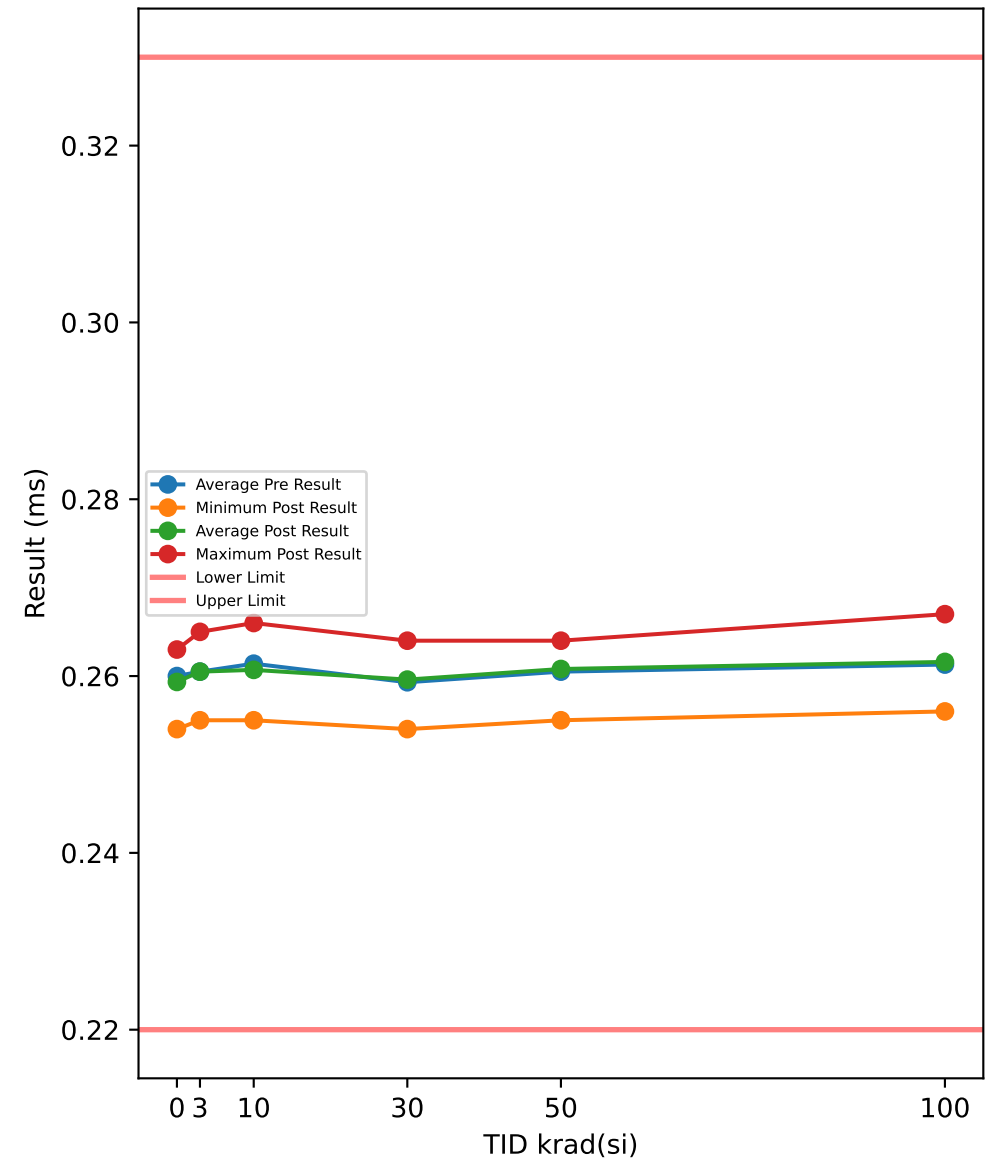
Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.079	24.095	0.016
301	0	Correlation	23.715	23.726	0.011
302	0	Correlation	23.505	23.541	0.036
303	3	Bias	23.755	23.767	0.012
304	3	Bias	23.809	23.921	0.112
305	3	Bias	24.178	24.101	-0.077
306	3	Bias	24.111	24.114	0.003
307	3	Bias	23.604	23.559	-0.045
308	3	Unbiased	23.418	23.498	0.08
309	3	Unbiased	24.286	24.256	-0.03
310	3	Unbiased	24.123	24.141	0.018
311	3	Unbiased	23.783	23.799	0.016
312	3	Unbiased	23.833	23.818	-0.015
313	10	Bias	23.485	23.452	-0.033
314	10	Bias	23.861	23.768	-0.093
315	10	Bias	23.437	23.445	0.008
316	10	Bias	23.908	23.967	0.059
317	10	Bias	24.214	24.206	-0.008
318	10	Unbiased	24.137	24.092	-0.045
319	10	Unbiased	23.437	23.412	-0.025
320	10	Unbiased	24.236	23.453	-0.783
321	10	Unbiased	23.35	24.25	0.9
322	10	Unbiased	24.082	24.16	0.078
323	30	Bias	24.01	23.905	-0.105
324	30	Bias	23.86	23.783	-0.077
325	30	Bias	24.068	24.138	0.07
326	30	Bias	23.963	24.203	0.24
327	30	Bias	23.592	23.671	0.079
328	30	Unbiased	23.995	23.914	-0.081
329	30	Unbiased	24.689	24.677	-0.012
330	30	Unbiased	24.247	24.027	-0.22
331	30	Unbiased	23.563	23.712	0.149
332	30	Unbiased	24.345	24.488	0.143
333	50	Bias	23.484	23.572	0.088
334	50	Bias	24.226	24.257	0.031
335	50	Bias	23.777	23.784	0.007
336	50	Bias	23.884	24.271	0.387
337	50	Bias	23.606	23.416	-0.19
338	50	Unbiased	23.232	23.481	0.249
339	50	Unbiased	23.441	23.619	0.178
340	50	Unbiased	23.638	23.719	0.081
341	50	Unbiased	24.082	24.165	0.083
342	50	Unbiased	23.896	23.953	0.057
343	100	Bias	23.911	24.1	0.189
344	100	Bias	23.624	23.59	-0.034
345	100	Bias	24.589	24.492	-0.097
346	100	Bias	23.81	23.277	-0.533
347	100	Bias	23.391	23.569	0.178
348	100	Unbiased	24.378	24.818	0.44
349	100	Unbiased	24.323	24.165	-0.158
350	100	Unbiased	24.255	24.187	-0.068
351	100	Unbiased	24.431	24.729	0.298
352	100	Unbiased	23.676	23.764	0.088

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.505	23.766	24.079	0.29042	23.541	23.787	24.095	0.28205	0.011	0.021	0.036	0.013229
3	23.418	23.89	24.286	0.27628	23.498	23.897	24.256	0.25471	-0.077	0.0074	0.112	0.055985
10	23.35	23.815	24.236	0.35482	23.412	23.82	24.25	0.35355	-0.783	0.0058	0.9	0.40067
30	23.563	24.033	24.689	0.33778	23.671	24.052	24.677	0.33088	-0.22	0.0186	0.24	0.14142
50	23.232	23.727	24.226	0.30535	23.416	23.824	24.271	0.32015	-0.19	0.0971	0.387	0.15302
100	23.391	24.039	24.589	0.40704	23.277	24.069	24.818	0.51633	-0.533	0.0303	0.44	0.27338

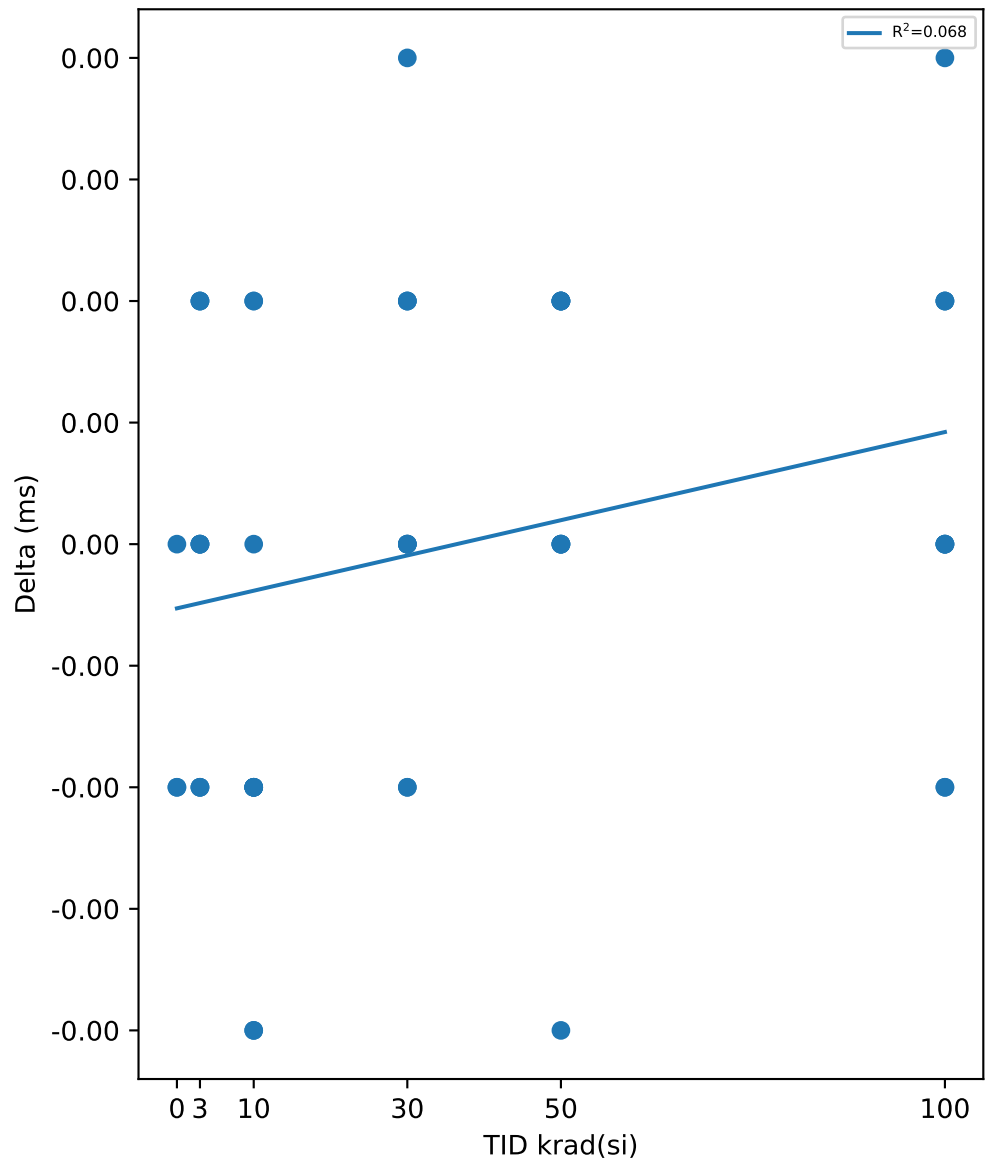
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.263	0.263	0
301	0	Correlation	0.262	0.261	-0.001
302	0	Correlation	0.255	0.254	-0.001
303	3	Bias	0.256	0.257	0.001
304	3	Bias	0.255	0.255	0
305	3	Bias	0.264	0.263	-0.001
306	3	Bias	0.263	0.263	0
307	3	Bias	0.264	0.263	-0.001
308	3	Unbiased	0.263	0.262	-0.001
309	3	Unbiased	0.265	0.265	0
310	3	Unbiased	0.264	0.265	0.001
311	3	Unbiased	0.256	0.257	0.001
312	3	Unbiased	0.255	0.255	0
313	10	Bias	0.257	0.255	-0.002
314	10	Bias	0.256	0.255	-0.001
315	10	Bias	0.256	0.255	-0.001
316	10	Bias	0.264	0.262	-0.002
317	10	Bias	0.264	0.265	0.001
318	10	Unbiased	0.265	0.266	0.001
319	10	Unbiased	0.256	0.256	0
320	10	Unbiased	0.265	0.264	-0.001
321	10	Unbiased	0.265	0.264	-0.001
322	10	Unbiased	0.266	0.265	-0.001
323	30	Bias	0.256	0.256	0
324	30	Bias	0.255	0.257	0.002
325	30	Bias	0.264	0.264	0
326	30	Bias	0.261	0.262	0.001
327	30	Bias	0.254	0.254	0
328	30	Unbiased	0.264	0.263	-0.001
329	30	Unbiased	0.258	0.257	-0.001
330	30	Unbiased	0.254	0.255	0.001
331	30	Unbiased	0.263	0.264	0.001
332	30	Unbiased	0.264	0.264	0
333	50	Bias	0.261	0.262	0.001
334	50	Bias	0.263	0.264	0.001
335	50	Bias	0.255	0.256	0.001
336	50	Bias	0.263	0.264	0.001
337	50	Bias	0.257	0.255	-0.002
338	50	Unbiased	0.261	0.261	0
339	50	Unbiased	0.26	0.26	0
340	50	Unbiased	0.263	0.264	0.001
341	50	Unbiased	0.264	0.264	0
342	50	Unbiased	0.258	0.258	0
343	100	Bias	0.263	0.265	0.002
344	100	Bias	0.262	0.263	0.001
345	100	Bias	0.258	0.258	0
346	100	Bias	0.258	0.257	-0.001
347	100	Bias	0.258	0.257	-0.001
348	100	Unbiased	0.266	0.266	0
349	100	Unbiased	0.255	0.256	0.001
350	100	Unbiased	0.266	0.267	0.001
351	100	Unbiased	0.264	0.264	0
352	100	Unbiased	0.263	0.263	0

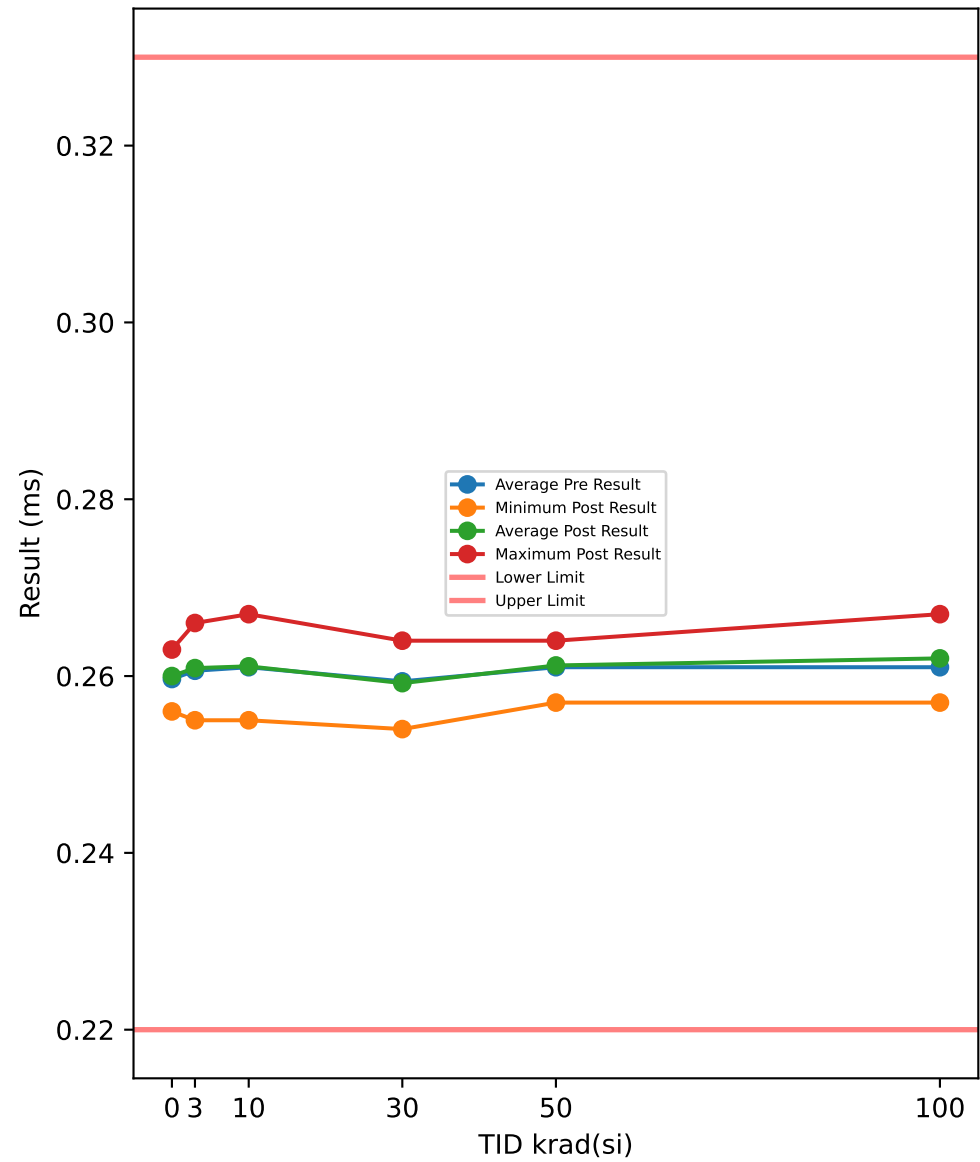
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.255	0.26	0.263	0.0043589	0.254	0.25933	0.263	0.0047258	-0.001	-0.00066667	0	0.00057735
3	0.255	0.2605	0.265	0.0043525	0.255	0.2605	0.265	0.0040346	-0.001	0	0.001	0.0008165
10	0.256	0.2614	0.266	0.0044771	0.255	0.2607	0.266	0.0048086	-0.002	-0.0007	0.001	0.0010593
30	0.254	0.2593	0.264	0.0043474	0.254	0.2596	0.264	0.0041419	-0.001	0.0003	0.002	0.00094868
50	0.255	0.2605	0.264	0.0029907	0.255	0.2608	0.264	0.0034577	-0.002	0.0003	0.001	0.00094868
100	0.255	0.2613	0.266	0.003802	0.256	0.2616	0.267	0.0041687	-0.001	0.0003	0.002	0.00094868

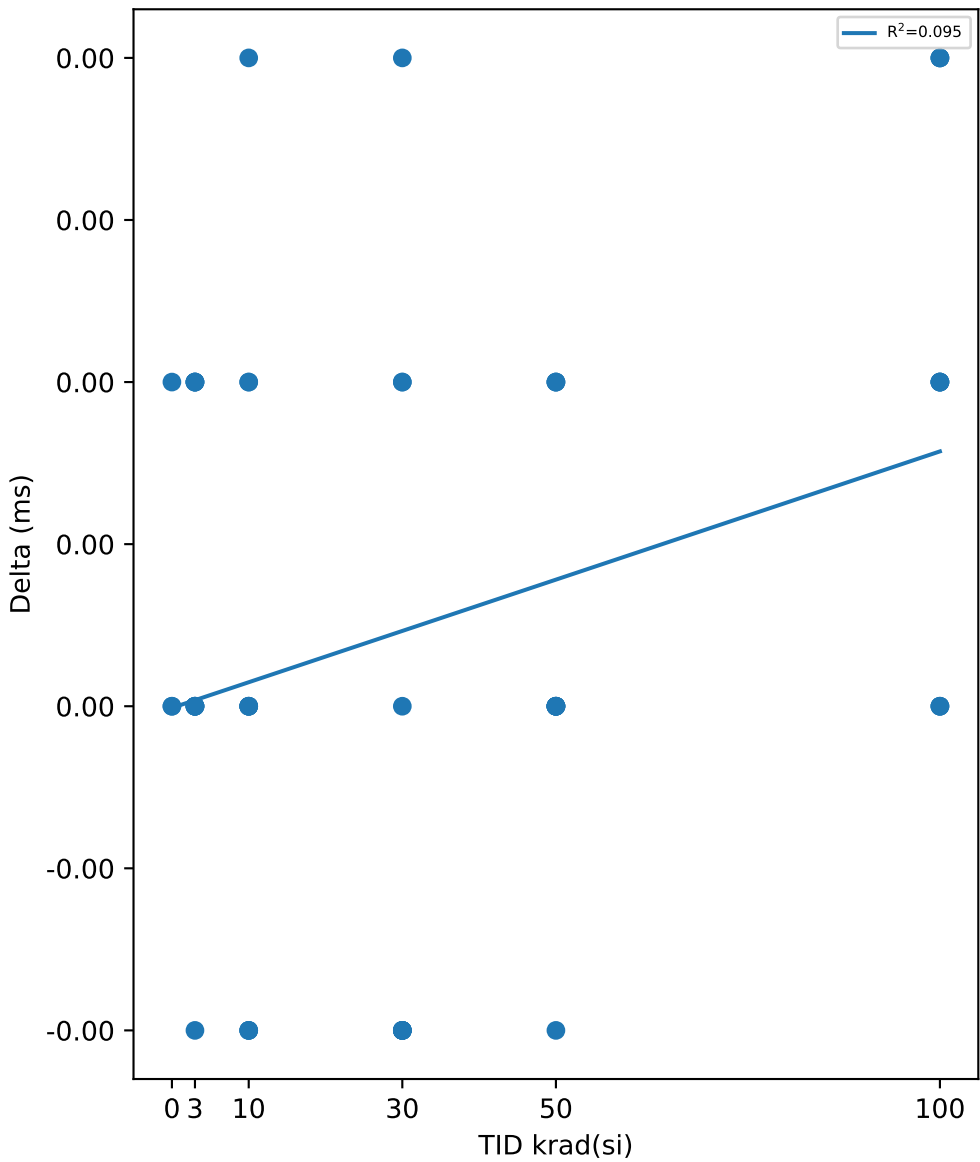
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.263	0.263	0
301	0	Correlation	0.261	0.261	0
302	0	Correlation	0.255	0.256	0.001
303	3	Bias	0.256	0.257	0.001
304	3	Bias	0.256	0.255	-0.001
305	3	Bias	0.264	0.265	0.001
306	3	Bias	0.264	0.264	0
307	3	Bias	0.263	0.263	0
308	3	Unbiased	0.262	0.262	0
309	3	Unbiased	0.266	0.266	0
310	3	Unbiased	0.264	0.265	0.001
311	3	Unbiased	0.255	0.256	0.001
312	3	Unbiased	0.256	0.256	0
313	10	Bias	0.256	0.256	0
314	10	Bias	0.256	0.255	-0.001
315	10	Bias	0.255	0.255	0
316	10	Bias	0.262	0.262	0
317	10	Bias	0.264	0.265	0.001
318	10	Unbiased	0.266	0.267	0.001
319	10	Unbiased	0.256	0.255	-0.001
320	10	Unbiased	0.266	0.265	-0.001
321	10	Unbiased	0.264	0.264	0
322	10	Unbiased	0.265	0.267	0.002
323	30	Bias	0.257	0.256	-0.001
324	30	Bias	0.255	0.257	0.002
325	30	Bias	0.264	0.263	-0.001
326	30	Bias	0.261	0.262	0.001
327	30	Bias	0.255	0.254	-0.001
328	30	Unbiased	0.263	0.262	-0.001
329	30	Unbiased	0.258	0.257	-0.001
330	30	Unbiased	0.254	0.254	0
331	30	Unbiased	0.264	0.263	-0.001
332	30	Unbiased	0.263	0.264	0.001
333	50	Bias	0.262	0.262	0
334	50	Bias	0.264	0.263	-0.001
335	50	Bias	0.256	0.257	0.001
336	50	Bias	0.263	0.264	0.001
337	50	Bias	0.257	0.257	0
338	50	Unbiased	0.261	0.262	0.001
339	50	Unbiased	0.261	0.261	0
340	50	Unbiased	0.264	0.264	0
341	50	Unbiased	0.264	0.264	0
342	50	Unbiased	0.258	0.258	0
343	100	Bias	0.263	0.264	0.001
344	100	Bias	0.261	0.263	0.002
345	100	Bias	0.257	0.259	0.002
346	100	Bias	0.258	0.258	0
347	100	Bias	0.258	0.258	0
348	100	Unbiased	0.265	0.267	0.002
349	100	Unbiased	0.256	0.257	0.001
350	100	Unbiased	0.266	0.267	0.001
351	100	Unbiased	0.263	0.264	0.001
352	100	Unbiased	0.263	0.263	0

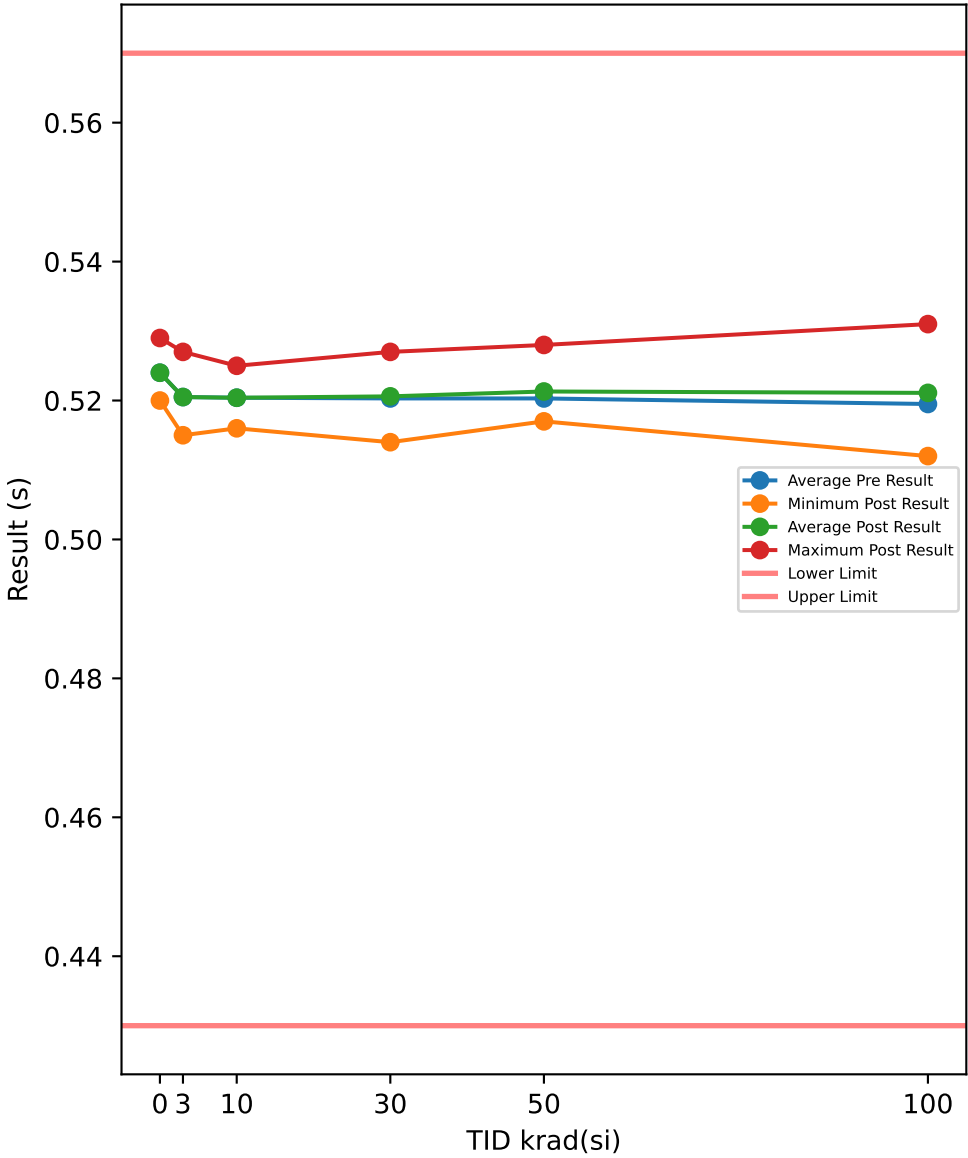
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.255	0.25967	0.263	0.0041633	0.256	0.26	0.263	0.0036056	0	0.00033333	0.001	0.00057735
3	0.255	0.2606	0.266	0.0042999	0.255	0.2609	0.266	0.004383	-0.001	0.0003	0.001	0.00067495
10	0.255	0.261	0.266	0.0046667	0.255	0.2611	0.267	0.0052377	-0.001	0.0001	0.002	0.00099443
30	0.254	0.2594	0.264	0.0040332	0.254	0.2592	0.264	0.0039665	-0.001	-0.0002	0.002	0.0011353
50	0.256	0.261	0.264	0.0030185	0.257	0.2612	0.264	0.0028597	-0.001	0.0002	0.001	0.00063246
100	0.256	0.261	0.266	0.0035277	0.257	0.262	0.267	0.0037417	0	0.001	0.002	0.0008165

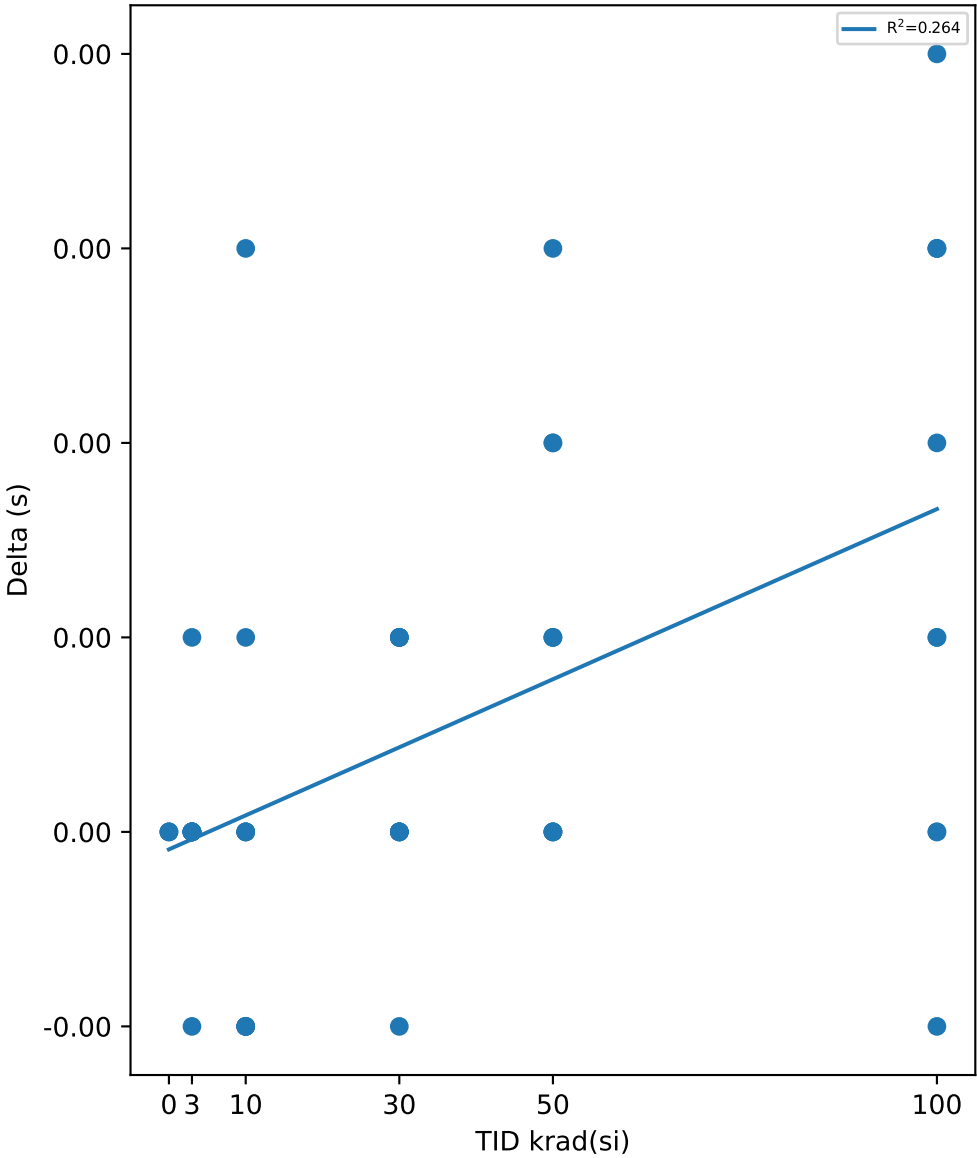
TID vs Result Stats



Test Results (Lower Limit = 0.43, Upper Limit = 0.57 (s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.529	0.529	0
301	0	Correlation	0.52	0.52	0
302	0	Correlation	0.523	0.523	0
303	3	Bias	0.526	0.527	0.001
304	3	Bias	0.519	0.519	0
305	3	Bias	0.516	0.515	-0.001
306	3	Bias	0.521	0.521	0
307	3	Bias	0.519	0.519	0
308	3	Unbiased	0.523	0.523	0
309	3	Unbiased	0.519	0.519	0
310	3	Unbiased	0.52	0.52	0
311	3	Unbiased	0.521	0.521	0
312	3	Unbiased	0.521	0.521	0
313	10	Bias	0.515	0.516	0.001
314	10	Bias	0.522	0.521	-0.001
315	10	Bias	0.523	0.523	0
316	10	Bias	0.519	0.519	0
317	10	Bias	0.518	0.518	0
318	10	Unbiased	0.522	0.521	-0.001
319	10	Unbiased	0.521	0.521	0
320	10	Unbiased	0.518	0.521	0.003
321	10	Unbiased	0.52	0.519	-0.001
322	10	Unbiased	0.526	0.525	-0.001
323	30	Bias	0.516	0.515	-0.001
324	30	Bias	0.513	0.514	0.001
325	30	Bias	0.527	0.527	0
326	30	Bias	0.519	0.52	0.001
327	30	Bias	0.517	0.517	0
328	30	Unbiased	0.523	0.524	0.001
329	30	Unbiased	0.52	0.52	0
330	30	Unbiased	0.523	0.523	0
331	30	Unbiased	0.522	0.523	0.001
332	30	Unbiased	0.523	0.523	0
333	50	Bias	0.52	0.52	0
334	50	Bias	0.519	0.519	0
335	50	Bias	0.527	0.528	0.001
336	50	Bias	0.517	0.517	0
337	50	Bias	0.519	0.52	0.001
338	50	Unbiased	0.519	0.52	0.001
339	50	Unbiased	0.518	0.52	0.002
340	50	Unbiased	0.521	0.523	0.002
341	50	Unbiased	0.517	0.52	0.003
342	50	Unbiased	0.526	0.526	0
343	100	Bias	0.521	0.52	-0.001
344	100	Bias	0.512	0.512	0
345	100	Bias	0.517	0.518	0.001
346	100	Bias	0.518	0.522	0.004
347	100	Bias	0.528	0.531	0.003
348	100	Unbiased	0.514	0.516	0.002
349	100	Unbiased	0.518	0.518	0
350	100	Unbiased	0.524	0.527	0.003
351	100	Unbiased	0.519	0.522	0.003
352	100	Unbiased	0.524	0.525	0.001

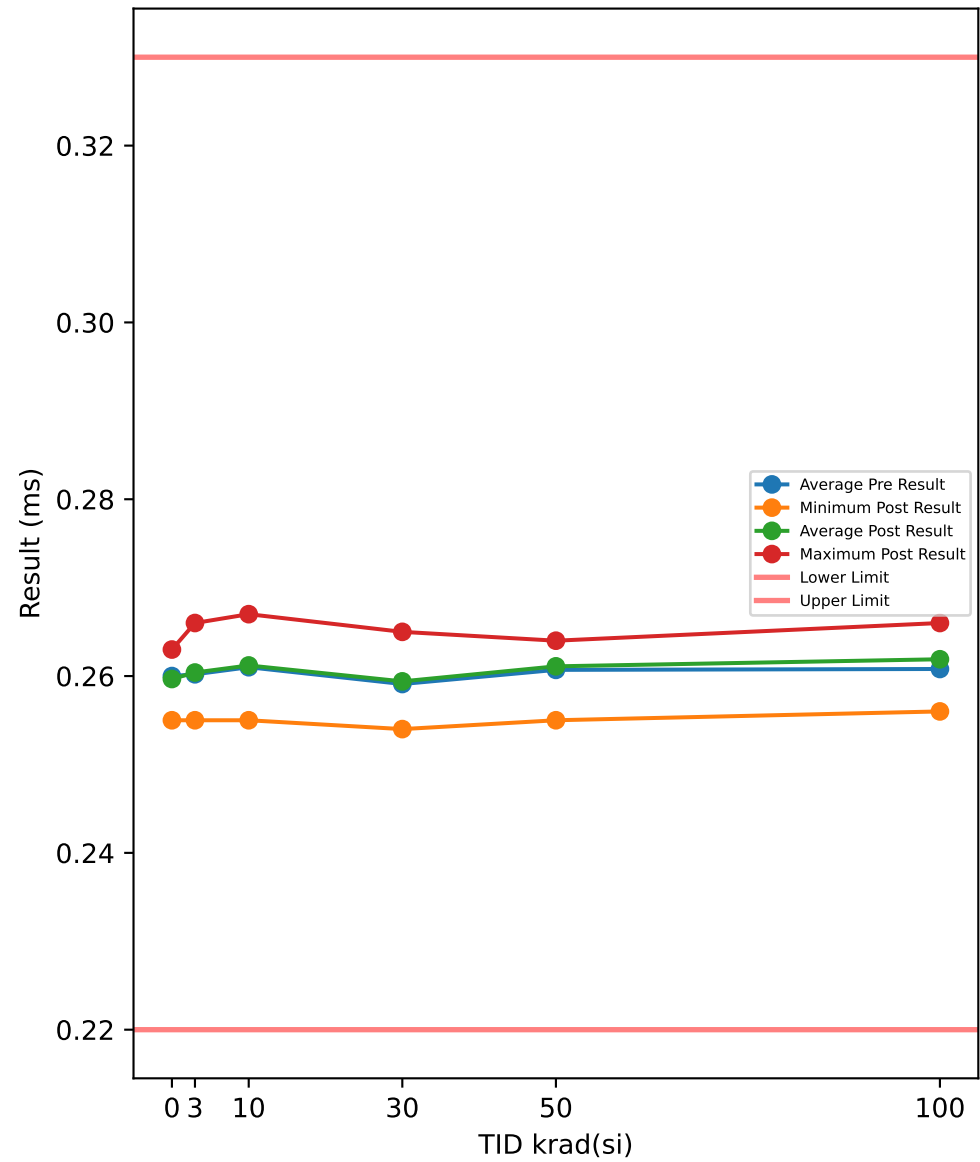
TID vs Post - Pre Exposure Delta



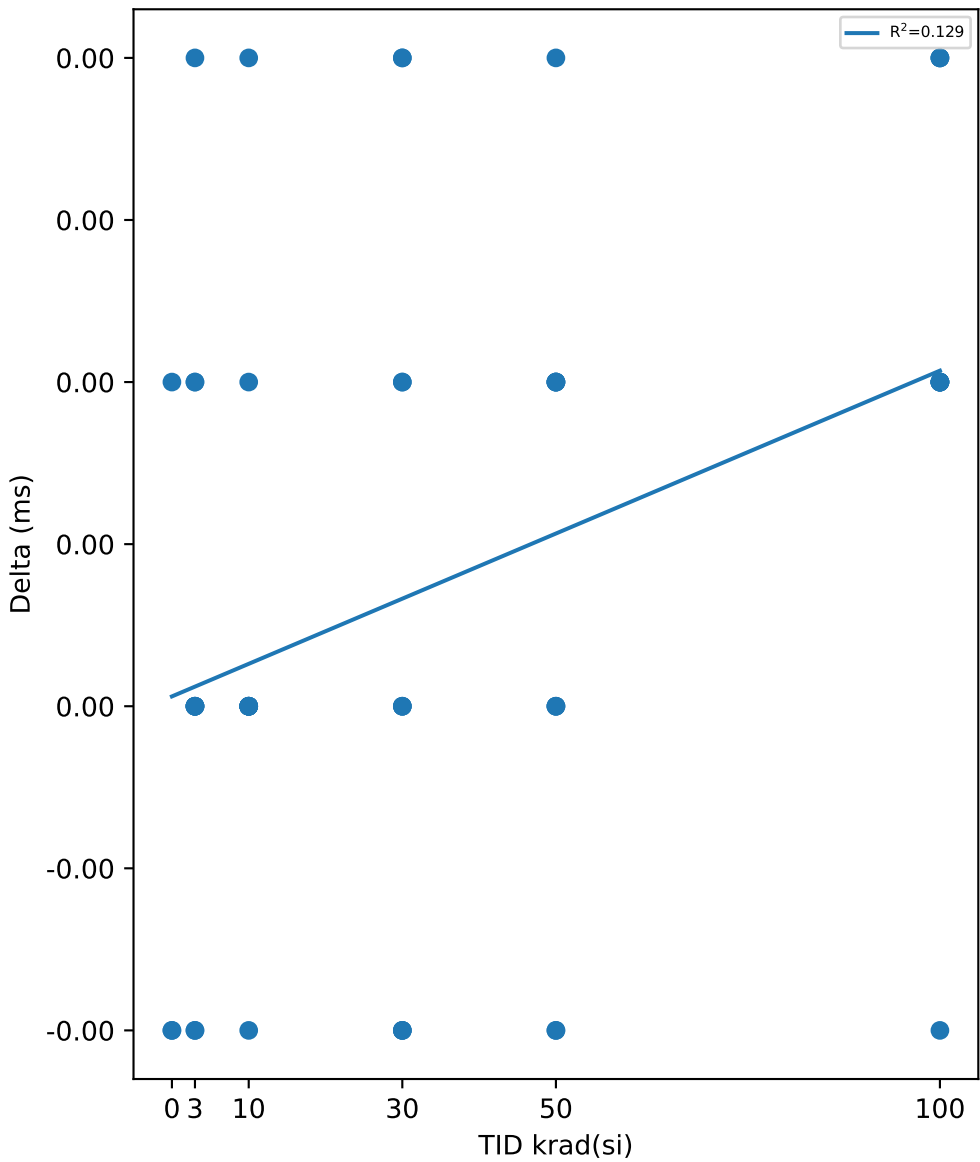
Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.52	0.524	0.529	0.0045826	0.52	0.524	0.529	0.0045826	0	0	0	0
3	0.516	0.5205	0.526	0.0026771	0.515	0.5205	0.527	0.0031002	-0.001	0	0.001	0.0004714
10	0.515	0.5204	0.526	0.0030984	0.516	0.5204	0.525	0.0025473	-0.001	0	0.003	0.0012472
30	0.513	0.5203	0.527	0.0041379	0.514	0.5206	0.527	0.0041952	-0.001	0.0003	0.001	0.00067495
50	0.517	0.5203	0.527	0.0034976	0.517	0.5213	0.528	0.0033682	0	0.001	0.003	0.0010541
100	0.512	0.5195	0.528	0.0048591	0.512	0.5211	0.531	0.0055668	-0.001	0.0016	0.004	0.0016465

TID vs Result Stats



TID vs Post - Pre Exposure Delta



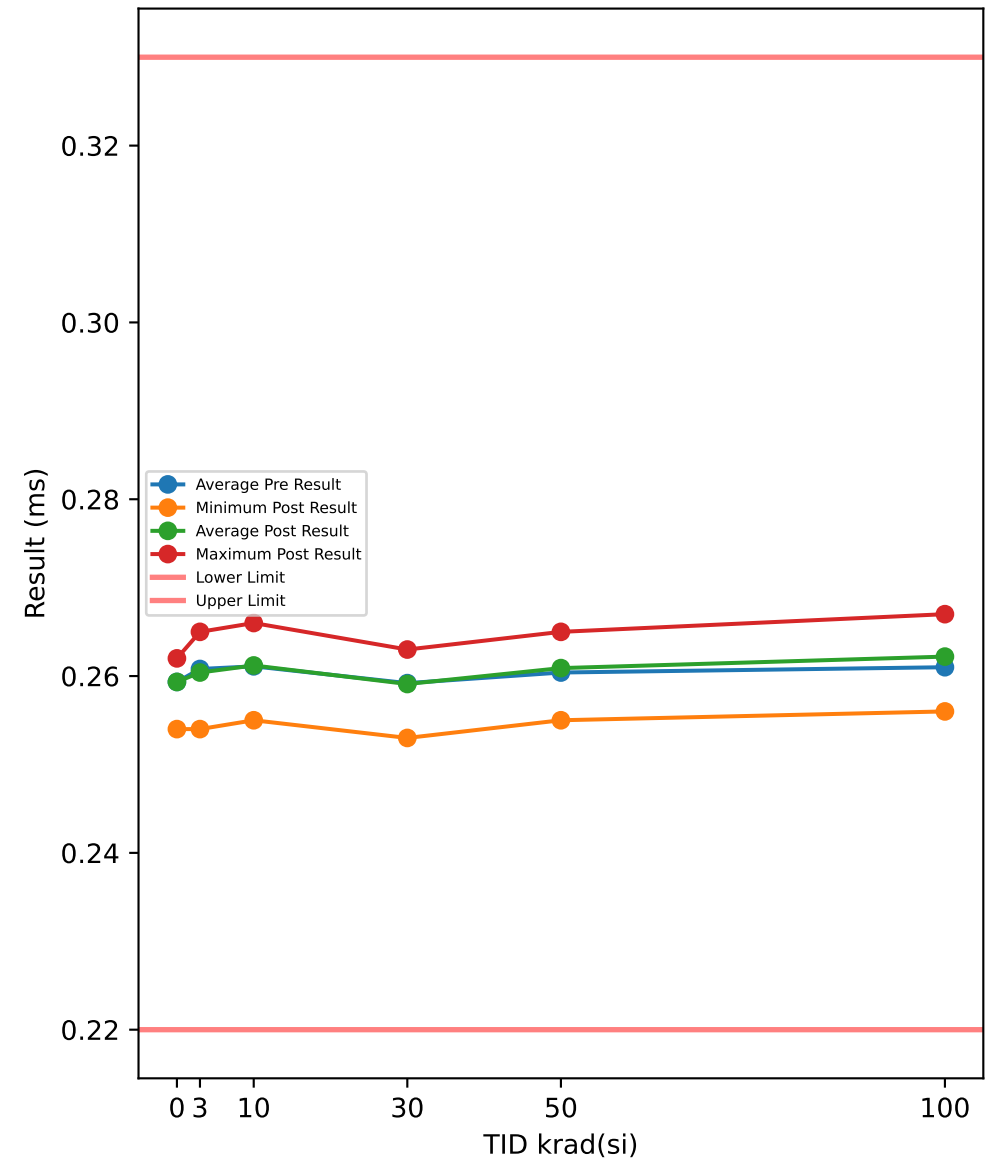
Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.262	0.263	0.001
301	0	Correlation	0.262	0.261	-0.001
302	0	Correlation	0.256	0.255	-0.001
303	3	Bias	0.256	0.257	0.001
304	3	Bias	0.255	0.255	0
305	3	Bias	0.264	0.263	-0.001
306	3	Bias	0.262	0.262	0
307	3	Bias	0.263	0.263	0
308	3	Unbiased	0.262	0.262	0
309	3	Unbiased	0.264	0.266	0.002
310	3	Unbiased	0.265	0.264	-0.001
311	3	Unbiased	0.256	0.256	0
312	3	Unbiased	0.255	0.256	0.001
313	10	Bias	0.256	0.256	0
314	10	Bias	0.255	0.255	0
315	10	Bias	0.256	0.256	0
316	10	Bias	0.262	0.262	0
317	10	Bias	0.264	0.264	0
318	10	Unbiased	0.266	0.267	0.001
319	10	Unbiased	0.256	0.256	0
320	10	Unbiased	0.265	0.265	0
321	10	Unbiased	0.264	0.266	0.002
322	10	Unbiased	0.266	0.265	-0.001
323	30	Bias	0.256	0.256	0
324	30	Bias	0.255	0.257	0.002
325	30	Bias	0.264	0.263	-0.001
326	30	Bias	0.261	0.261	0
327	30	Bias	0.255	0.254	-0.001
328	30	Unbiased	0.263	0.262	-0.001
329	30	Unbiased	0.258	0.258	0
330	30	Unbiased	0.254	0.255	0.001
331	30	Unbiased	0.263	0.265	0.002
332	30	Unbiased	0.262	0.263	0.001
333	50	Bias	0.263	0.263	0
334	50	Bias	0.262	0.263	0.001
335	50	Bias	0.256	0.257	0.001
336	50	Bias	0.263	0.264	0.001
337	50	Bias	0.255	0.255	0
338	50	Unbiased	0.263	0.262	-0.001
339	50	Unbiased	0.26	0.261	0.001
340	50	Unbiased	0.263	0.263	0
341	50	Unbiased	0.265	0.264	-0.001
342	50	Unbiased	0.257	0.259	0.002
343	100	Bias	0.264	0.265	0.001
344	100	Bias	0.262	0.263	0.001
345	100	Bias	0.257	0.259	0.002
346	100	Bias	0.257	0.258	0.001
347	100	Bias	0.258	0.259	0.001
348	100	Unbiased	0.264	0.266	0.002
349	100	Unbiased	0.255	0.256	0.001
350	100	Unbiased	0.266	0.265	-0.001
351	100	Unbiased	0.264	0.265	0.001
352	100	Unbiased	0.261	0.263	0.002

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.256	0.26	0.262	0.0034641	0.255	0.25967	0.263	0.0041633	-0.001	-0.00033333	0.001	0.0011547
3	0.255	0.2602	0.265	0.004158	0.255	0.2604	0.266	0.0039777	-0.001	0.0002	0.002	0.00091894
10	0.255	0.261	0.266	0.0046667	0.255	0.2612	0.267	0.0048717	-0.001	0.0002	0.002	0.00078881
30	0.254	0.2591	0.264	0.0039001	0.254	0.2594	0.265	0.0038644	-0.001	0.0003	0.002	0.0011595
50	0.255	0.2607	0.265	0.0034976	0.255	0.2611	0.264	0.0031073	-0.001	0.0004	0.002	0.00096609
100	0.255	0.2608	0.266	0.0037947	0.256	0.2619	0.266	0.003573	-0.001	0.0011	0.002	0.0008756

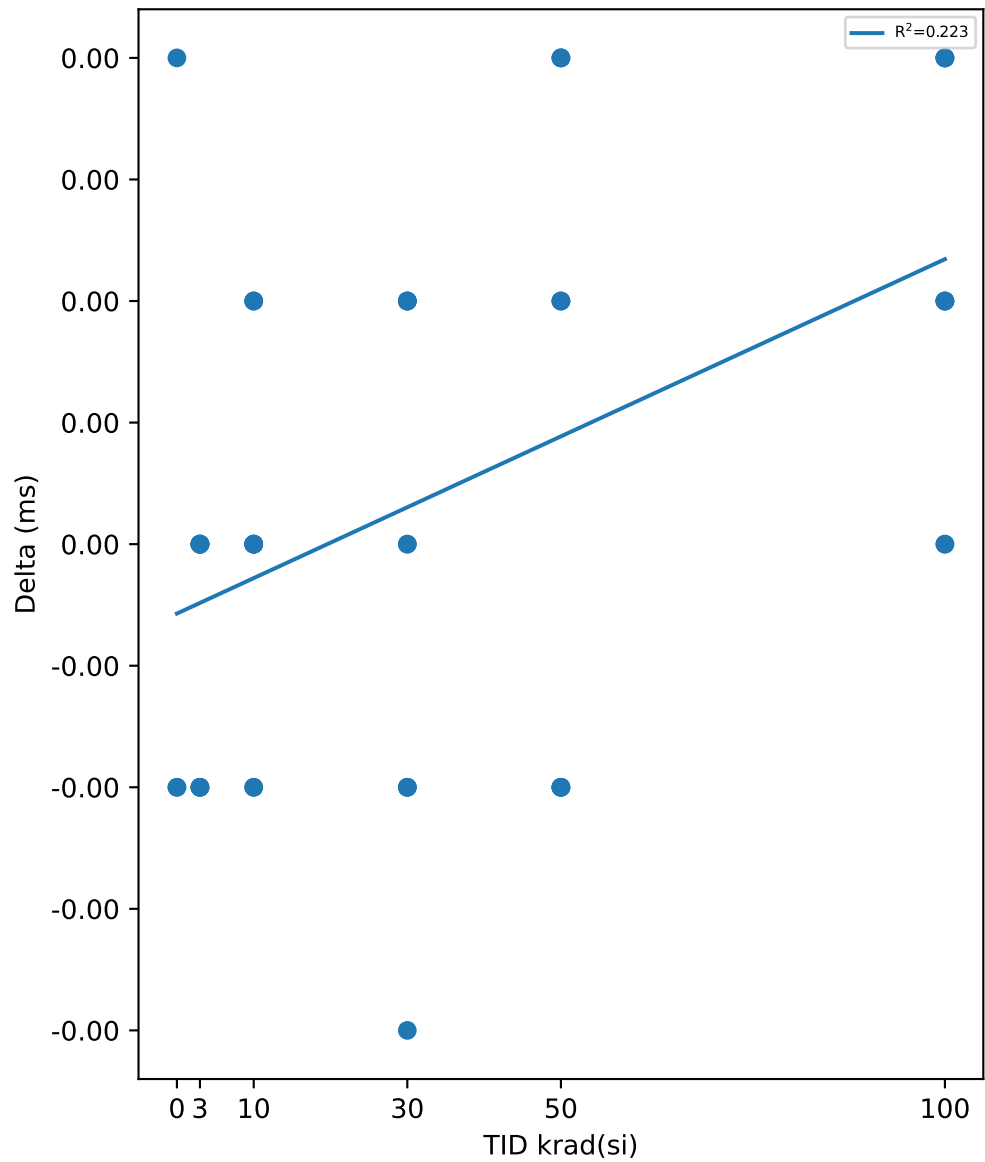
TID vs Result Stats



Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.263	0.262	-0.001
301	0	Correlation	0.26	0.262	0.002
302	0	Correlation	0.255	0.254	-0.001
303	3	Bias	0.257	0.257	0
304	3	Bias	0.255	0.254	-0.001
305	3	Bias	0.264	0.264	0
306	3	Bias	0.264	0.263	-0.001
307	3	Bias	0.264	0.263	-0.001
308	3	Unbiased	0.263	0.263	0
309	3	Unbiased	0.265	0.265	0
310	3	Unbiased	0.265	0.265	0
311	3	Unbiased	0.255	0.255	0
312	3	Unbiased	0.256	0.255	-0.001
313	10	Bias	0.256	0.256	0
314	10	Bias	0.255	0.255	0
315	10	Bias	0.255	0.255	0
316	10	Bias	0.262	0.263	0.001
317	10	Bias	0.265	0.264	-0.001
318	10	Unbiased	0.266	0.266	0
319	10	Unbiased	0.257	0.257	0
320	10	Unbiased	0.266	0.265	-0.001
321	10	Unbiased	0.264	0.265	0.001
322	10	Unbiased	0.265	0.266	0.001
323	30	Bias	0.256	0.257	0.001
324	30	Bias	0.256	0.257	0.001
325	30	Bias	0.264	0.262	-0.002
326	30	Bias	0.262	0.261	-0.001
327	30	Bias	0.254	0.253	-0.001
328	30	Unbiased	0.262	0.262	0
329	30	Unbiased	0.257	0.258	0.001
330	30	Unbiased	0.254	0.255	0.001
331	30	Unbiased	0.264	0.263	-0.001
332	30	Unbiased	0.263	0.263	0
333	50	Bias	0.261	0.263	0.002
334	50	Bias	0.262	0.263	0.001
335	50	Bias	0.256	0.255	-0.001
336	50	Bias	0.264	0.263	-0.001
337	50	Bias	0.256	0.255	-0.001
338	50	Unbiased	0.261	0.262	0.001
339	50	Unbiased	0.261	0.26	-0.001
340	50	Unbiased	0.263	0.265	0.002
341	50	Unbiased	0.263	0.265	0.002
342	50	Unbiased	0.257	0.258	0.001
343	100	Bias	0.264	0.266	0.002
344	100	Bias	0.263	0.263	0
345	100	Bias	0.257	0.259	0.002
346	100	Bias	0.257	0.258	0.001
347	100	Bias	0.256	0.257	0.001
348	100	Unbiased	0.265	0.267	0.002
349	100	Unbiased	0.256	0.256	0
350	100	Unbiased	0.266	0.267	0.001
351	100	Unbiased	0.264	0.265	0.001
352	100	Unbiased	0.262	0.264	0.002

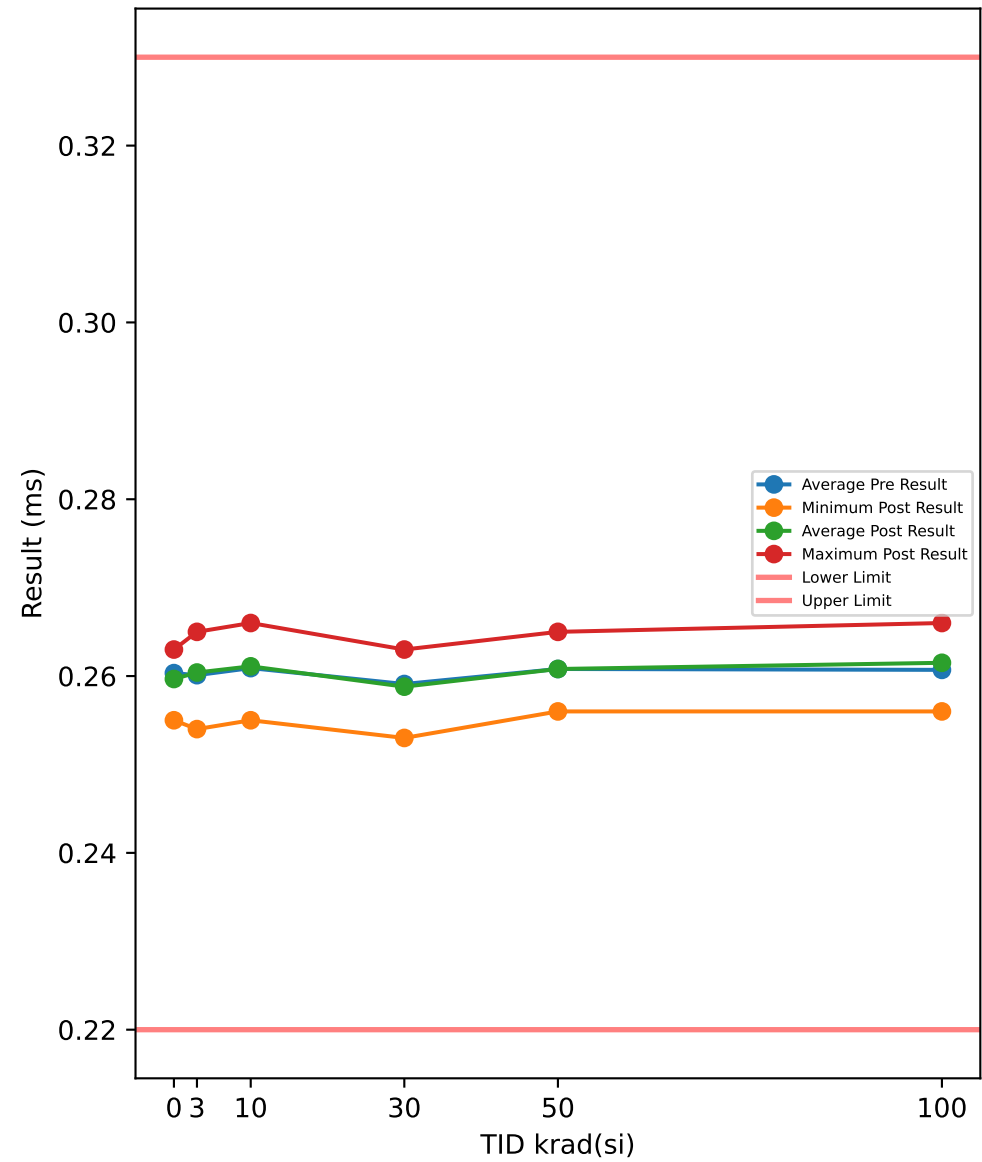
TID vs Post - Pre Exposure Delta



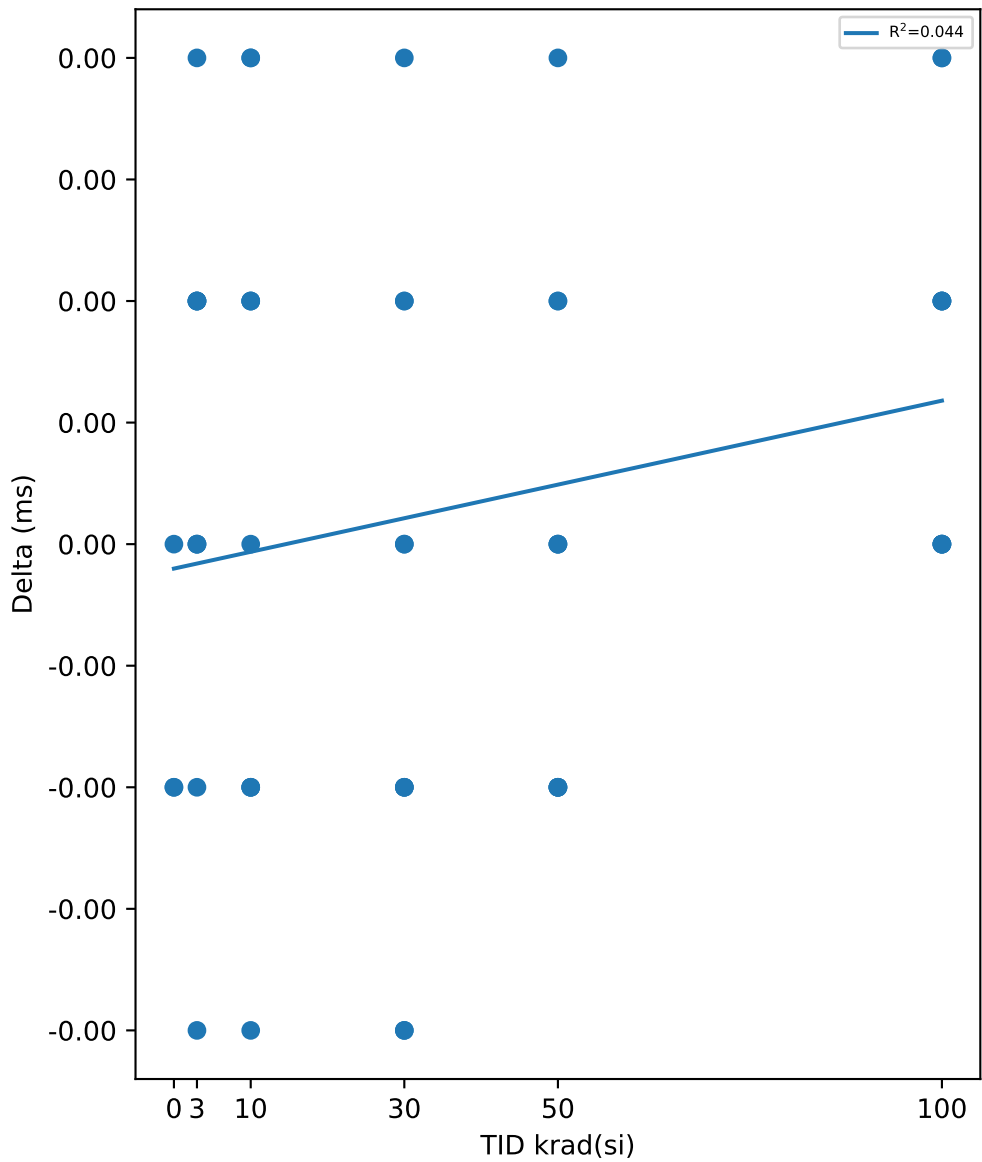
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.255	0.25933	0.263	0.0040415	0.254	0.25933	0.262	0.0046188	-0.001	0	0.002	0.0017321
3	0.255	0.2608	0.265	0.0044171	0.254	0.2604	0.265	0.0045509	-0.001	-0.0004	0	0.0005164
10	0.255	0.2611	0.266	0.0047714	0.255	0.2612	0.266	0.0048028	-0.001	0.0001	0.001	0.00073786
30	0.254	0.2592	0.264	0.004158	0.253	0.2591	0.263	0.003573	-0.002	-0.0001	0.001	0.0011005
50	0.256	0.2604	0.264	0.0029889	0.255	0.2609	0.265	0.003755	-0.001	0.0005	0.002	0.001354
100	0.256	0.261	0.266	0.0040277	0.256	0.2622	0.267	0.0042895	0	0.0012	0.002	0.00078881

TID vs Result Stats



TID vs Post - Pre Exposure Delta



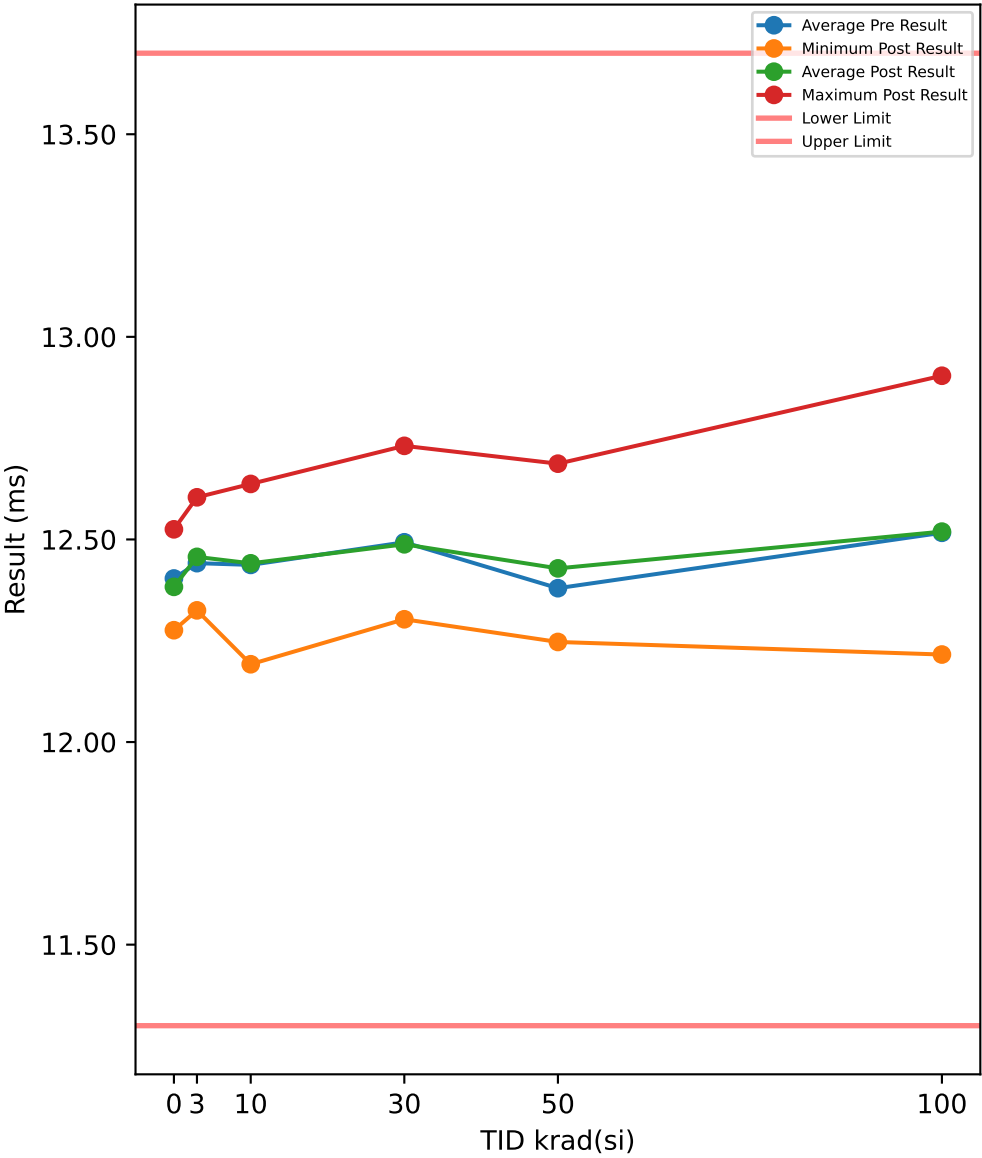
Test Results (Lower Limit = 0.22, Upper Limit = 0.33 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.264	0.263	-0.001
301	0	Correlation	0.262	0.261	-0.001
302	0	Correlation	0.255	0.255	0
303	3	Bias	0.256	0.257	0.001
304	3	Bias	0.255	0.254	-0.001
305	3	Bias	0.263	0.263	0
306	3	Bias	0.263	0.264	0.001
307	3	Bias	0.264	0.262	-0.002
308	3	Unbiased	0.261	0.263	0.002
309	3	Unbiased	0.265	0.265	0
310	3	Unbiased	0.264	0.265	0.001
311	3	Unbiased	0.255	0.255	0
312	3	Unbiased	0.255	0.256	0.001
313	10	Bias	0.257	0.255	-0.002
314	10	Bias	0.255	0.255	0
315	10	Bias	0.255	0.256	0.001
316	10	Bias	0.263	0.264	0.001
317	10	Bias	0.263	0.265	0.002
318	10	Unbiased	0.266	0.265	-0.001
319	10	Unbiased	0.256	0.255	-0.001
320	10	Unbiased	0.266	0.265	-0.001
321	10	Unbiased	0.263	0.265	0.002
322	10	Unbiased	0.265	0.266	0.001
323	30	Bias	0.255	0.257	0.002
324	30	Bias	0.256	0.256	0
325	30	Bias	0.264	0.262	-0.002
326	30	Bias	0.261	0.262	0.001
327	30	Bias	0.254	0.253	-0.001
328	30	Unbiased	0.263	0.262	-0.001
329	30	Unbiased	0.258	0.256	-0.002
330	30	Unbiased	0.254	0.255	0.001
331	30	Unbiased	0.263	0.263	0
332	30	Unbiased	0.263	0.262	-0.001
333	50	Bias	0.262	0.261	-0.001
334	50	Bias	0.263	0.262	-0.001
335	50	Bias	0.255	0.257	0.002
336	50	Bias	0.264	0.264	0
337	50	Bias	0.257	0.256	-0.001
338	50	Unbiased	0.262	0.262	0
339	50	Unbiased	0.26	0.259	-0.001
340	50	Unbiased	0.264	0.264	0
341	50	Unbiased	0.264	0.265	0.001
342	50	Unbiased	0.257	0.258	0.001
343	100	Bias	0.263	0.265	0.002
344	100	Bias	0.262	0.263	0.001
345	100	Bias	0.256	0.258	0.002
346	100	Bias	0.257	0.257	0
347	100	Bias	0.257	0.258	0.001
348	100	Unbiased	0.265	0.266	0.001
349	100	Unbiased	0.256	0.256	0
350	100	Unbiased	0.266	0.266	0
351	100	Unbiased	0.263	0.264	0.001
352	100	Unbiased	0.262	0.262	0

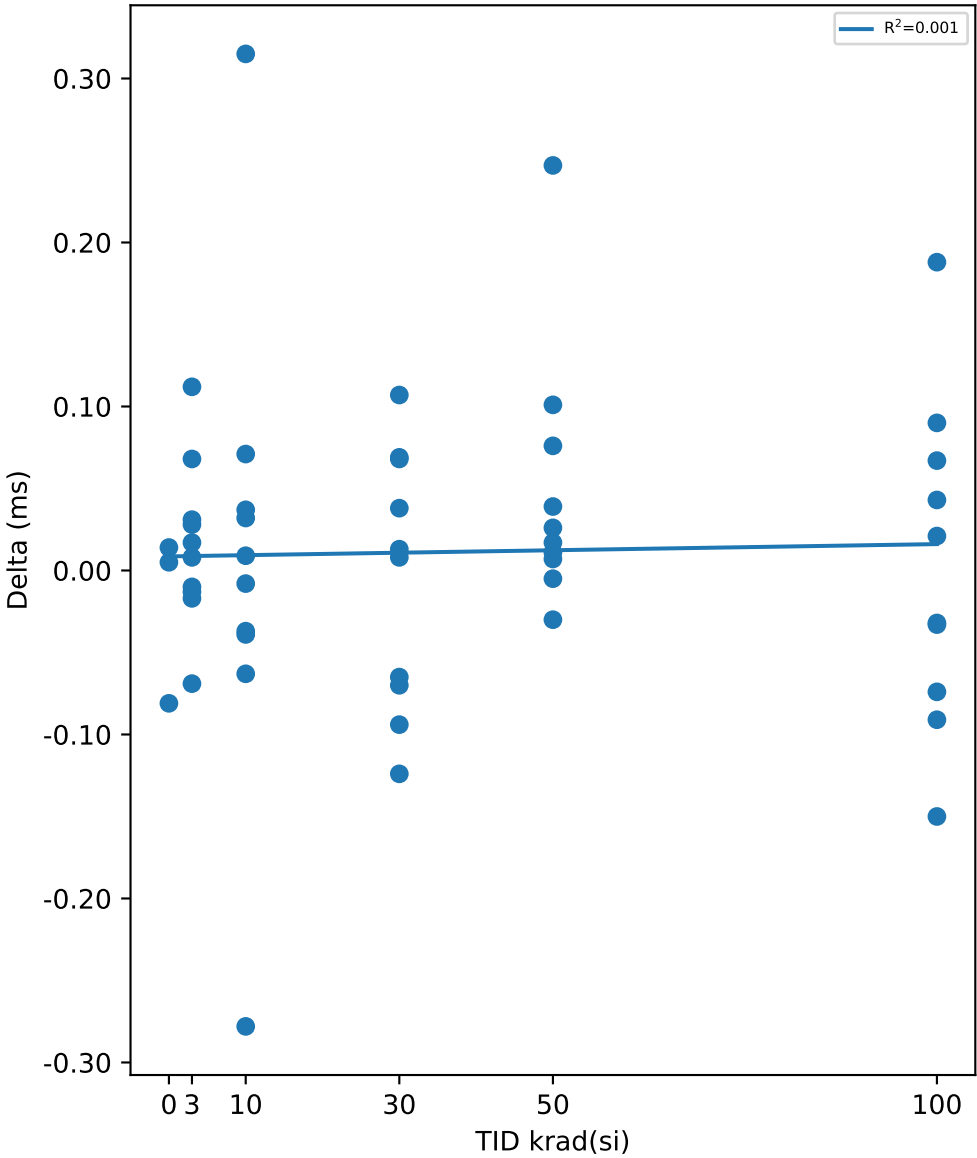
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.255	0.26033	0.264	0.0047258	0.255	0.25967	0.263	0.0041633	-0.001	-0.00066667	0	0.00057735
3	0.255	0.2601	0.265	0.0043063	0.254	0.2604	0.265	0.0043767	-0.002	0.0003	0.002	0.0011595
10	0.255	0.2609	0.266	0.0046056	0.255	0.2611	0.266	0.0050651	-0.002	0.0002	0.002	0.0013984
30	0.254	0.2591	0.264	0.0041218	0.253	0.2588	0.263	0.0037357	-0.002	-0.0003	0.002	0.0013375
50	0.255	0.2608	0.264	0.0033599	0.256	0.2608	0.265	0.0031552	-0.001	0	0.002	0.0010541
100	0.256	0.2607	0.266	0.0038312	0.256	0.2615	0.266	0.0038944	0	0.0008	0.002	0.00078881

TID vs Result Stats



TID vs Post - Pre Exposure Delta

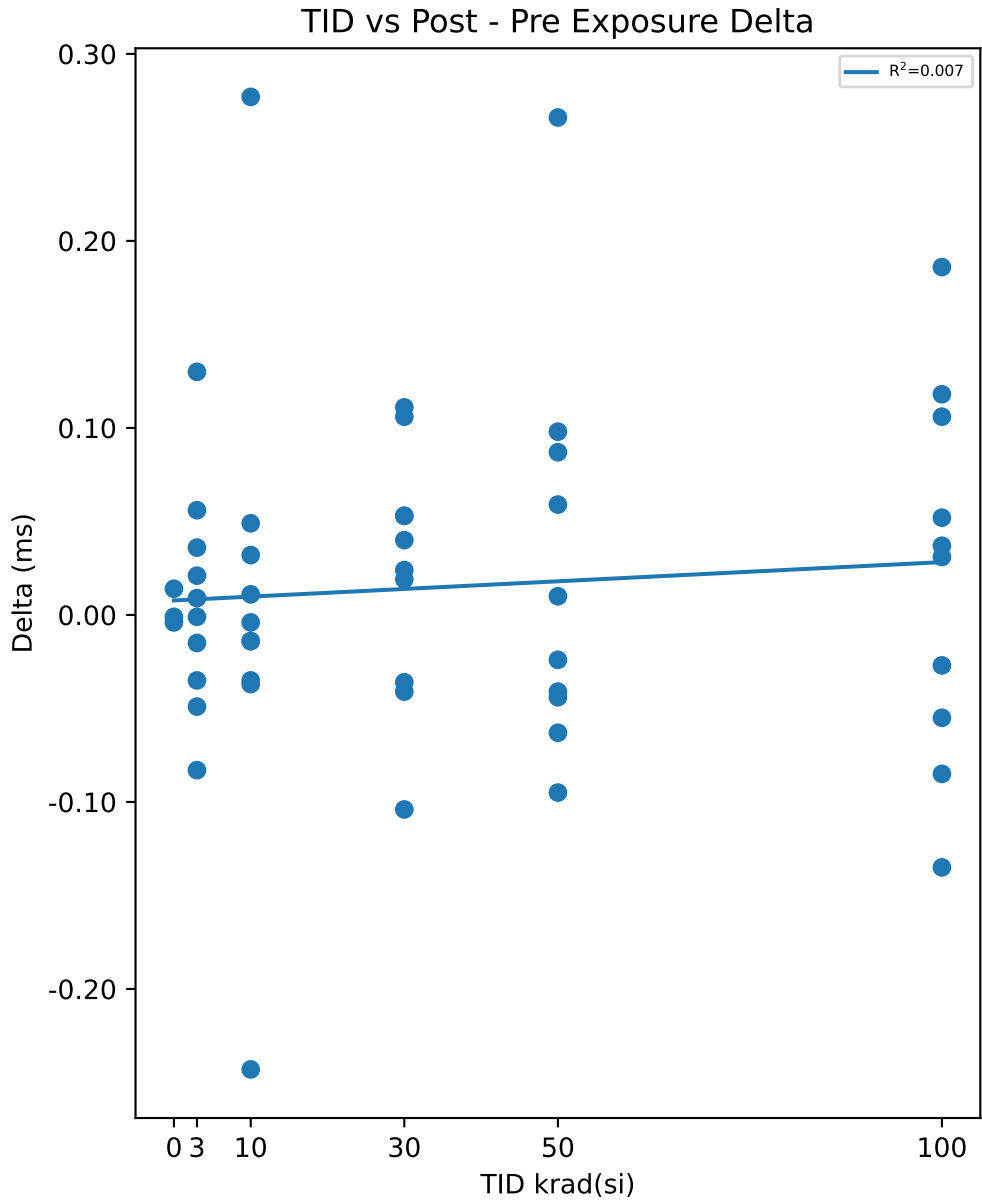
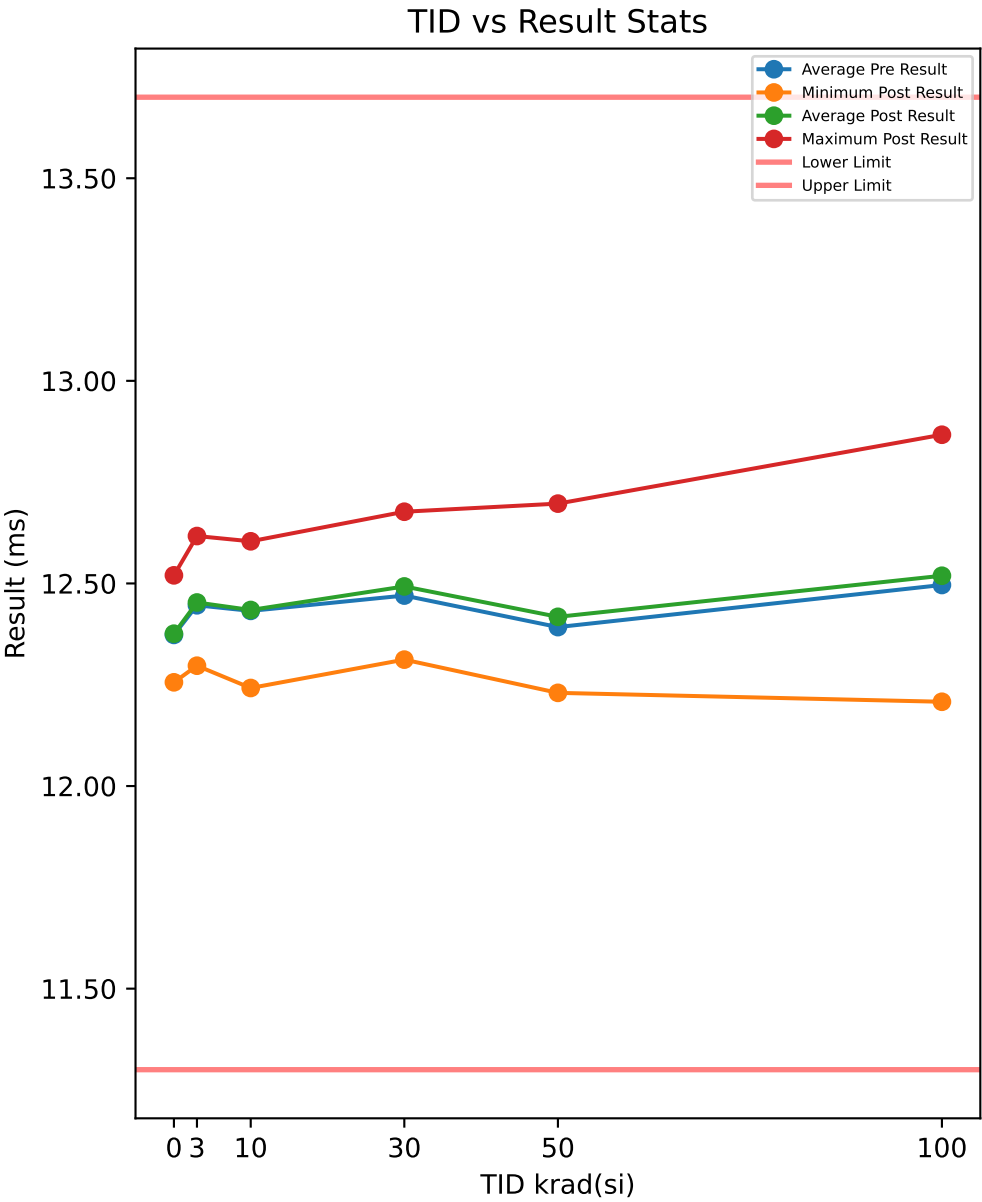


Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.52	12.525	0.005
301	0	Correlation	12.429	12.348	-0.081
302	0	Correlation	12.262	12.276	0.014
303	3	Bias	12.298	12.366	0.068
304	3	Bias	12.396	12.424	0.028
305	3	Bias	12.606	12.589	-0.017
306	3	Bias	12.55	12.567	0.017
307	3	Bias	12.335	12.325	-0.01
308	3	Unbiased	12.297	12.328	0.031
309	3	Unbiased	12.673	12.604	-0.069
310	3	Unbiased	12.586	12.594	0.008
311	3	Unbiased	12.305	12.417	0.112
312	3	Unbiased	12.369	12.356	-0.013
313	10	Bias	12.291	12.252	-0.039
314	10	Bias	12.363	12.4	0.037
315	10	Bias	12.259	12.251	-0.008
316	10	Bias	12.457	12.489	0.032
317	10	Bias	12.628	12.637	0.009
318	10	Unbiased	12.607	12.57	-0.037
319	10	Unbiased	12.255	12.192	-0.063
320	10	Unbiased	12.649	12.371	-0.278
321	10	Unbiased	12.31	12.625	0.315
322	10	Unbiased	12.553	12.624	0.071
323	30	Bias	12.42	12.35	-0.07
324	30	Bias	12.365	12.403	0.038
325	30	Bias	12.537	12.55	0.013
326	30	Bias	12.472	12.579	0.107
327	30	Bias	12.295	12.303	0.008
328	30	Unbiased	12.587	12.493	-0.094
329	30	Unbiased	12.762	12.697	-0.065
330	30	Unbiased	12.517	12.393	-0.124
331	30	Unbiased	12.313	12.381	0.068
332	30	Unbiased	12.662	12.731	0.069
333	50	Bias	12.342	12.312	-0.03
334	50	Bias	12.593	12.61	0.017
335	50	Bias	12.387	12.394	0.007
336	50	Bias	12.44	12.687	0.247
337	50	Bias	12.236	12.247	0.011
338	50	Unbiased	12.211	12.312	0.101
339	50	Unbiased	12.291	12.367	0.076
340	50	Unbiased	12.366	12.361	-0.005
341	50	Unbiased	12.542	12.568	0.026
342	50	Unbiased	12.389	12.428	0.039
343	100	Bias	12.491	12.558	0.067
344	100	Bias	12.383	12.35	-0.033
345	100	Bias	12.625	12.593	-0.032
346	100	Bias	12.366	12.216	-0.15
347	100	Bias	12.272	12.315	0.043
348	100	Unbiased	12.716	12.904	0.188
349	100	Unbiased	12.566	12.475	-0.091
350	100	Unbiased	12.651	12.577	-0.074
351	100	Unbiased	12.713	12.803	0.09
352	100	Unbiased	12.381	12.402	0.021

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.262	12.404	12.52	0.13085	12.276	12.383	12.525	0.12814	-0.081	-0.020667	0.014	0.052444
3	12.297	12.442	12.673	0.14609	12.325	12.457	12.604	0.11792	-0.069	0.0155	0.112	0.049646
10	12.255	12.437	12.649	0.16052	12.192	12.441	12.637	0.17163	-0.278	0.0039	0.315	0.1456
30	12.295	12.493	12.762	0.1513	12.303	12.488	12.731	0.14752	-0.124	-0.005	0.107	0.078597
50	12.211	12.38	12.593	0.12211	12.247	12.429	12.687	0.14485	-0.03	0.0489	0.247	0.079341
100	12.272	12.516	12.716	0.15986	12.216	12.519	12.904	0.21521	-0.15	0.0029	0.188	0.099168

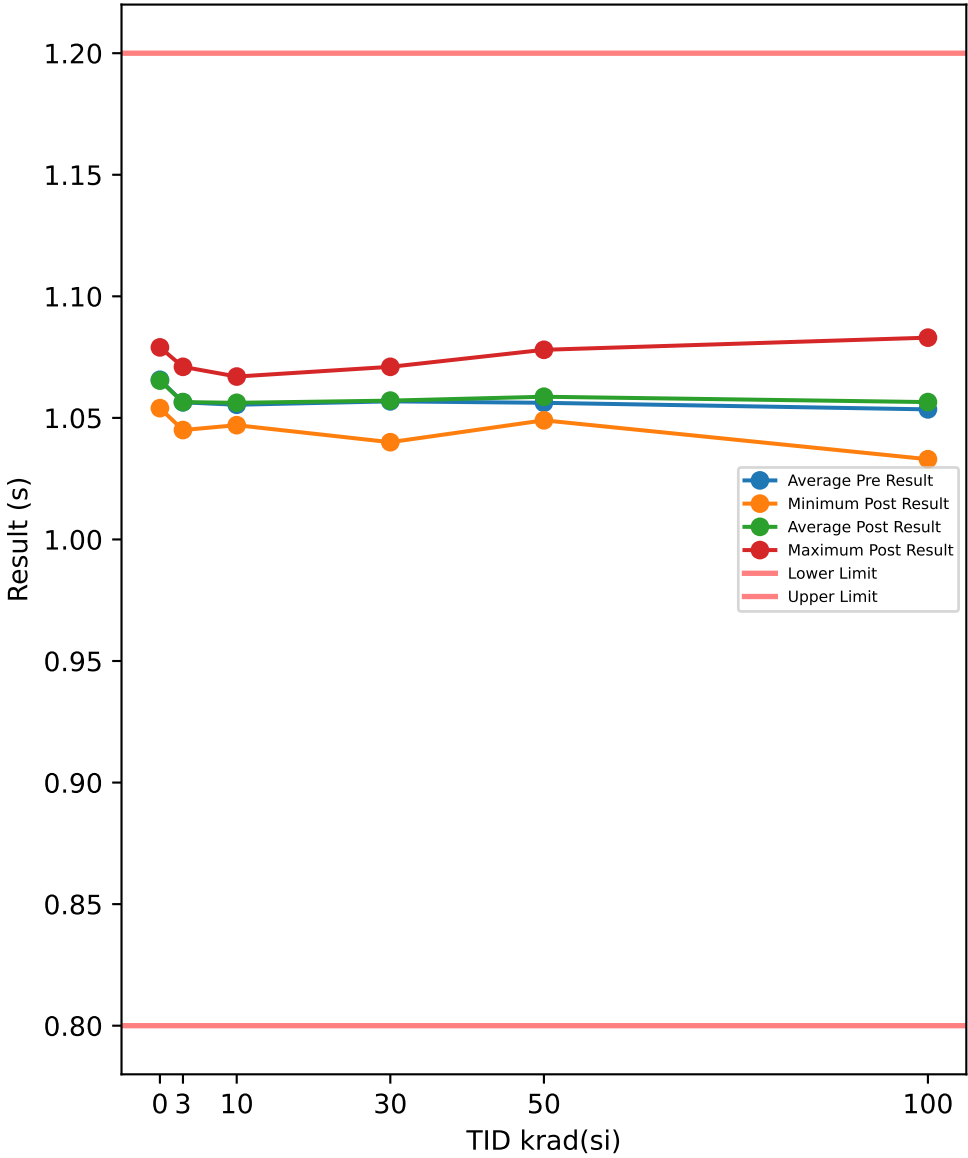


Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.524	12.52	-0.004
301	0	Correlation	12.353	12.352	-0.001
302	0	Correlation	12.242	12.256	0.014
303	3	Bias	12.38	12.297	-0.083
304	3	Bias	12.31	12.44	0.13
305	3	Bias	12.577	12.542	-0.035
306	3	Bias	12.542	12.551	0.009
307	3	Bias	12.339	12.395	0.056
308	3	Unbiased	12.314	12.35	0.036
309	3	Unbiased	12.632	12.617	-0.015
310	3	Unbiased	12.542	12.563	0.021
311	3	Unbiased	12.379	12.33	-0.049
312	3	Unbiased	12.446	12.445	-0.001
313	10	Bias	12.28	12.266	-0.014
314	10	Bias	12.424	12.389	-0.035
315	10	Bias	12.236	12.247	0.011
316	10	Bias	12.448	12.48	0.032
317	10	Bias	12.606	12.602	-0.004
318	10	Unbiased	12.588	12.551	-0.037
319	10	Unbiased	12.256	12.242	-0.014
320	10	Unbiased	12.607	12.364	-0.243
321	10	Unbiased	12.323	12.6	0.277
322	10	Unbiased	12.555	12.604	0.049
323	30	Bias	12.395	12.435	0.04
324	30	Bias	12.352	12.405	0.053
325	30	Bias	12.515	12.534	0.019
326	30	Bias	12.466	12.577	0.111
327	30	Bias	12.288	12.312	0.024
328	30	Unbiased	12.509	12.473	-0.036
329	30	Unbiased	12.718	12.677	-0.041
330	30	Unbiased	12.504	12.4	-0.104
331	30	Unbiased	12.332	12.438	0.106
332	30	Unbiased	12.622	12.675	0.053
333	50	Bias	12.308	12.395	0.087
334	50	Bias	12.596	12.606	0.01
335	50	Bias	12.381	12.318	-0.063
336	50	Bias	12.431	12.697	0.266
337	50	Bias	12.325	12.23	-0.095
338	50	Unbiased	12.199	12.297	0.098
339	50	Unbiased	12.322	12.298	-0.024
340	50	Unbiased	12.408	12.364	-0.044
341	50	Unbiased	12.508	12.567	0.059
342	50	Unbiased	12.445	12.404	-0.041
343	100	Bias	12.523	12.554	0.031
344	100	Bias	12.294	12.346	0.052
345	100	Bias	12.628	12.665	0.037
346	100	Bias	12.343	12.208	-0.135
347	100	Bias	12.226	12.332	0.106
348	100	Unbiased	12.681	12.867	0.186
349	100	Unbiased	12.544	12.459	-0.085
350	100	Unbiased	12.608	12.581	-0.027
351	100	Unbiased	12.665	12.783	0.118
352	100	Unbiased	12.45	12.395	-0.055

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.242	12.373	12.524	0.14206	12.256	12.376	12.52	0.13363	-0.004	0.003	0.014	0.0096437
3	12.31	12.446	12.632	0.11851	12.297	12.453	12.617	0.11065	-0.083	0.0069	0.13	0.059739
10	12.236	12.432	12.607	0.15095	12.242	12.434	12.604	0.15183	-0.243	0.0022	0.277	0.12573
30	12.288	12.47	12.718	0.13377	12.312	12.493	12.677	0.12095	-0.104	0.0225	0.111	0.067034
50	12.199	12.392	12.596	0.11229	12.23	12.418	12.697	0.15399	-0.095	0.0253	0.266	0.10661
100	12.226	12.496	12.681	0.16159	12.208	12.519	12.867	0.21023	-0.135	0.0228	0.186	0.099329

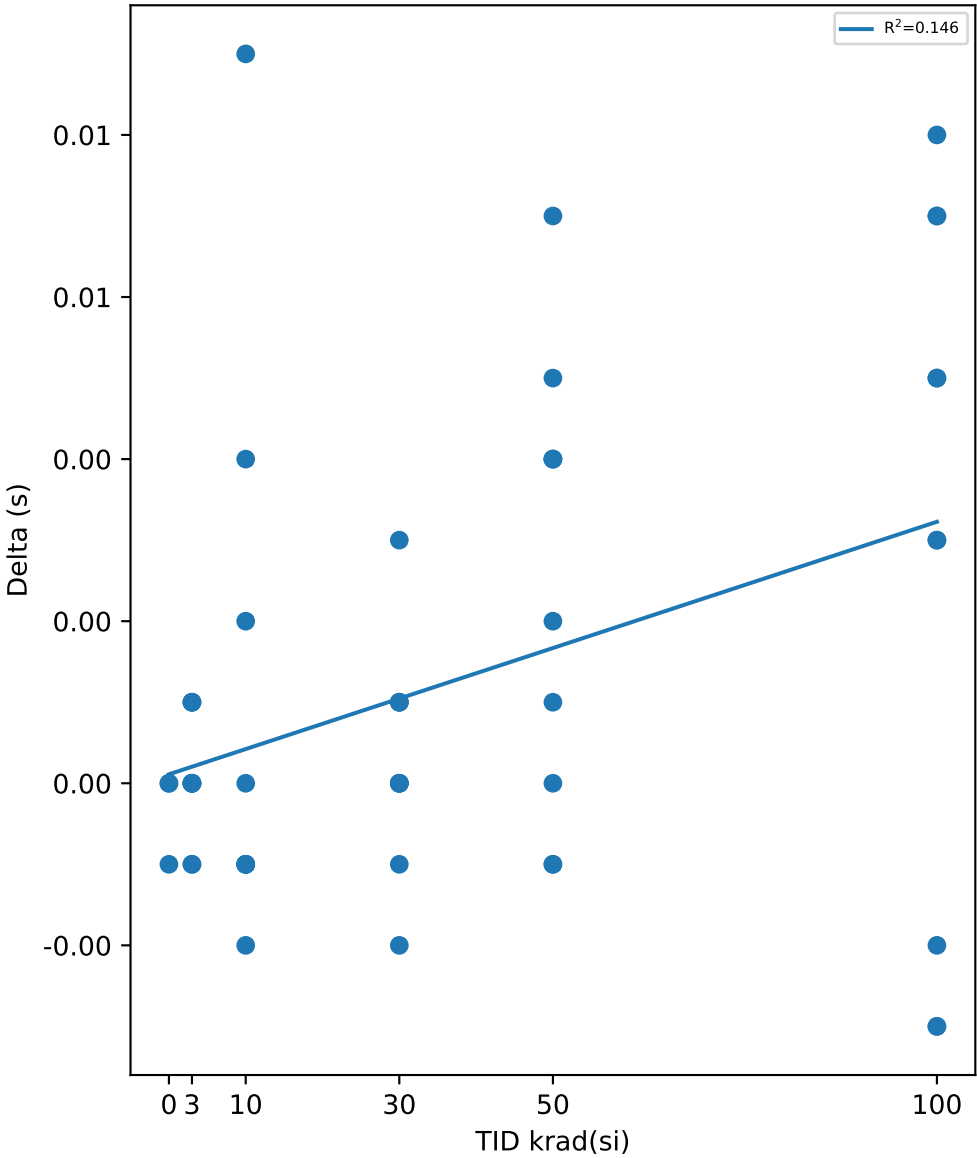
TID vs Result Stats



Test Results (Lower Limit = 0.8, Upper Limit = 1.2 (s))

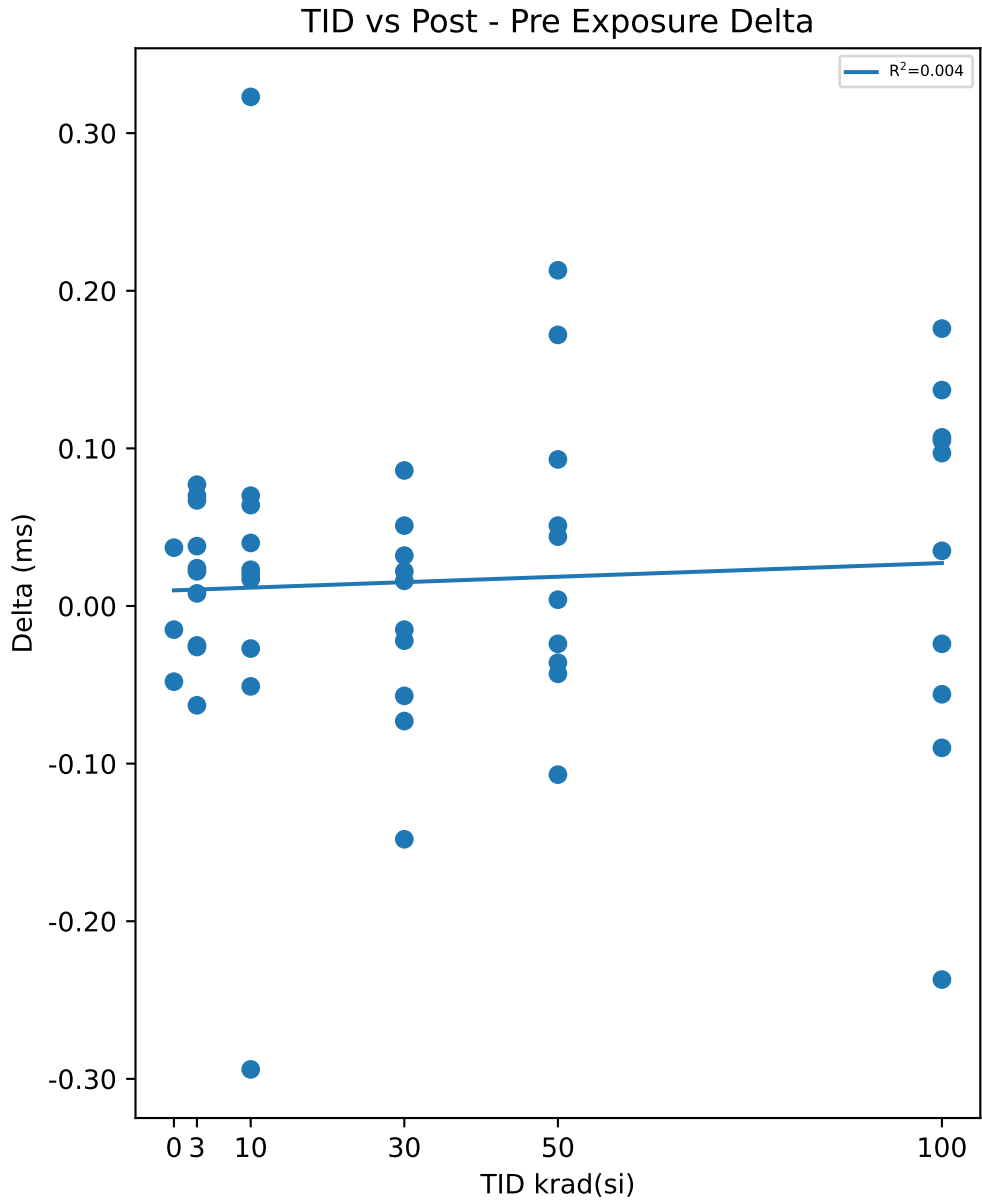
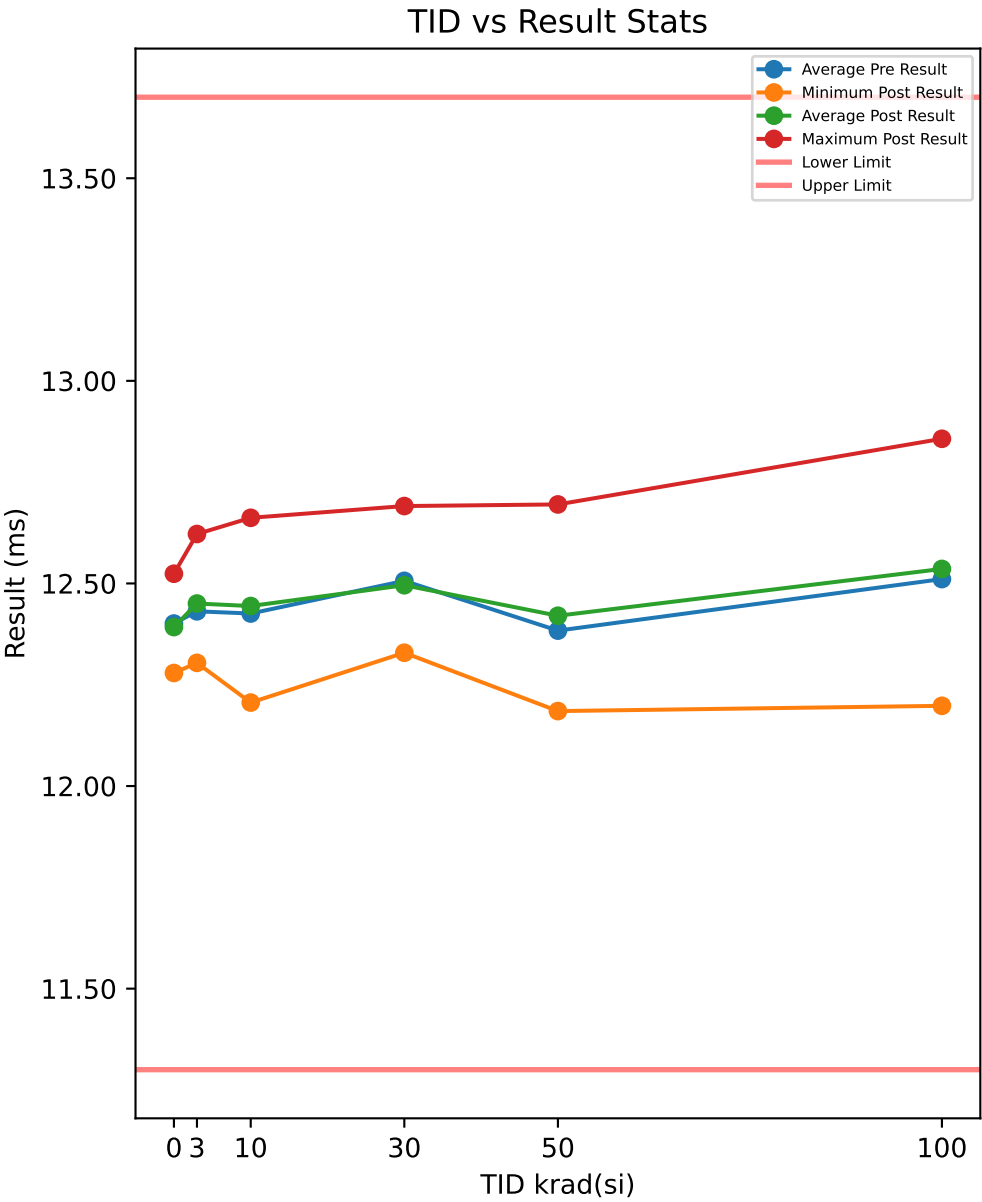
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.08	1.079	-0.001
301	0	Correlation	1.054	1.054	0
302	0	Correlation	1.063	1.063	0
303	3	Bias	1.07	1.071	0.001
304	3	Bias	1.051	1.051	0
305	3	Bias	1.046	1.045	-0.001
306	3	Bias	1.056	1.056	0
307	3	Bias	1.054	1.054	0
308	3	Unbiased	1.062	1.062	0
309	3	Unbiased	1.05	1.051	0.001
310	3	Unbiased	1.054	1.054	0
311	3	Unbiased	1.059	1.058	-0.001
312	3	Unbiased	1.062	1.063	0.001
313	10	Bias	1.043	1.047	0.004
314	10	Bias	1.057	1.055	-0.002
315	10	Bias	1.061	1.061	0
316	10	Bias	1.052	1.051	-0.001
317	10	Bias	1.052	1.051	-0.001
318	10	Unbiased	1.062	1.061	-0.001
319	10	Unbiased	1.058	1.06	0.002
320	10	Unbiased	1.048	1.057	0.009
321	10	Unbiased	1.053	1.052	-0.001
322	10	Unbiased	1.068	1.067	-0.001
323	30	Bias	1.044	1.042	-0.002
324	30	Bias	1.04	1.04	0
325	30	Bias	1.072	1.071	-0.001
326	30	Bias	1.055	1.055	0
327	30	Bias	1.048	1.049	0.001
328	30	Unbiased	1.065	1.068	0.003
329	30	Unbiased	1.053	1.053	0
330	30	Unbiased	1.065	1.066	0.001
331	30	Unbiased	1.06	1.061	0.001
332	30	Unbiased	1.066	1.066	0
333	50	Bias	1.06	1.061	0.001
334	50	Bias	1.051	1.05	-0.001
335	50	Bias	1.076	1.078	0.002
336	50	Bias	1.05	1.049	-0.001
337	50	Bias	1.049	1.053	0.004
338	50	Unbiased	1.052	1.056	0.004
339	50	Unbiased	1.048	1.052	0.004
340	50	Unbiased	1.058	1.063	0.005
341	50	Unbiased	1.047	1.054	0.007
342	50	Unbiased	1.071	1.071	0
343	100	Bias	1.058	1.055	-0.003
344	100	Bias	1.036	1.033	-0.003
345	100	Bias	1.046	1.049	0.003
346	100	Bias	1.05	1.058	0.008
347	100	Bias	1.076	1.083	0.007
348	100	Unbiased	1.04	1.043	0.003
349	100	Unbiased	1.049	1.047	-0.002
350	100	Unbiased	1.065	1.07	0.005
351	100	Unbiased	1.052	1.059	0.007
352	100	Unbiased	1.063	1.068	0.005

TID vs Post - Pre Exposure Delta



Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.054	1.0657	1.08	0.013204	1.054	1.0653	1.079	0.012662	-0.001	-0.00033333	0	0.00057735
3	1.046	1.0564	1.07	0.0070269	1.045	1.0565	1.071	0.0073824	-0.001	0.0001	0.001	0.00073786
10	1.043	1.0554	1.068	0.007306	1.047	1.0562	1.067	0.0061065	-0.002	0.0008	0.009	0.0033928
30	1.04	1.0568	1.072	0.010549	1.04	1.0571	1.071	0.01102	-0.002	0.0003	0.003	0.0013375
50	1.047	1.0562	1.076	0.010086	1.049	1.0587	1.078	0.009569	-0.001	0.0025	0.007	0.0027183
100	1.036	1.0535	1.076	0.01215	1.033	1.0565	1.083	0.014562	-0.003	0.003	0.008	0.0042426

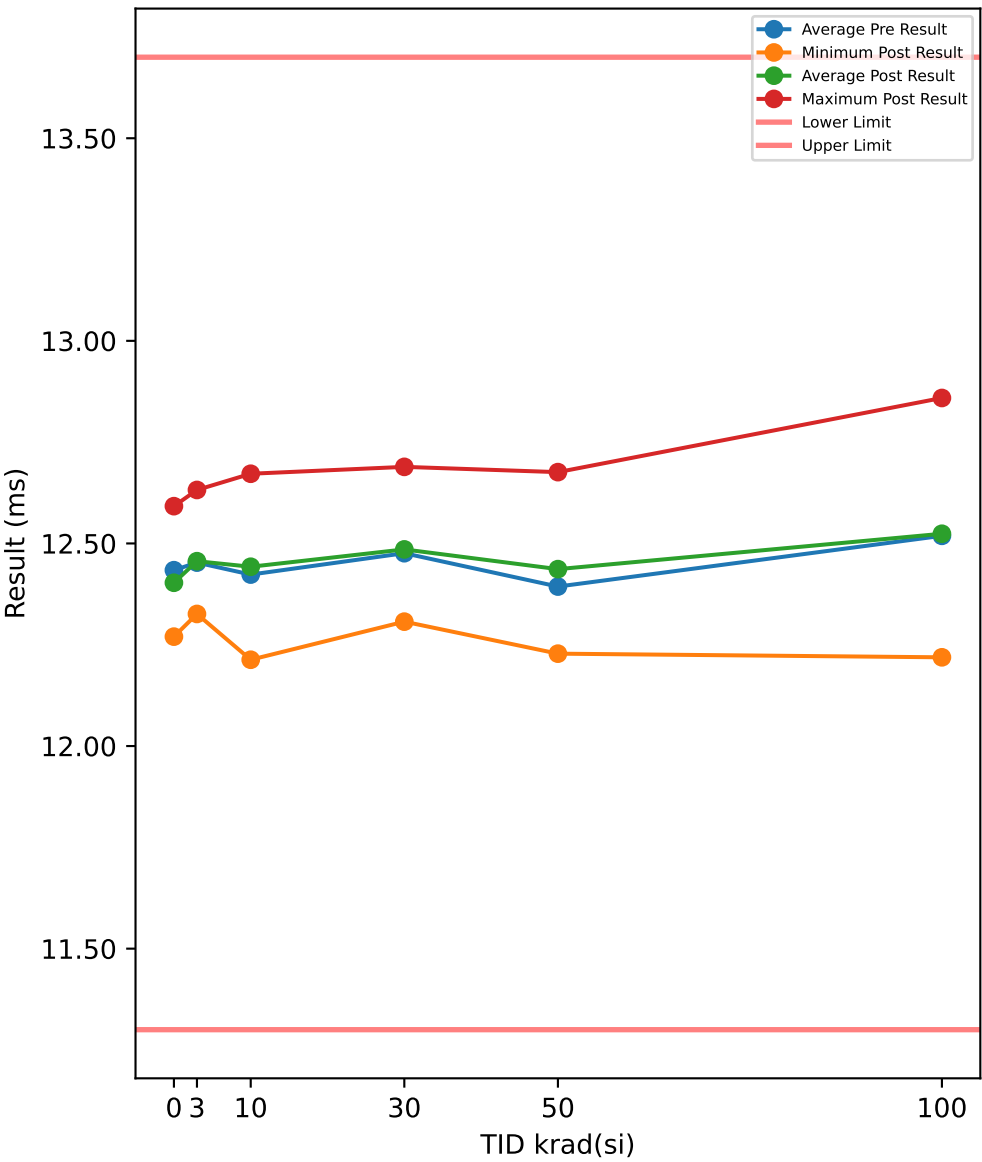


Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.539	12.524	-0.015
301	0	Correlation	12.422	12.374	-0.048
302	0	Correlation	12.242	12.279	0.037
303	3	Bias	12.3	12.338	0.038
304	3	Bias	12.389	12.364	-0.025
305	3	Bias	12.553	12.62	0.067
306	3	Bias	12.535	12.605	0.07
307	3	Bias	12.348	12.372	0.024
308	3	Unbiased	12.227	12.304	0.077
309	3	Unbiased	12.685	12.622	-0.063
310	3	Unbiased	12.578	12.552	-0.026
311	3	Unbiased	12.335	12.343	0.008
312	3	Unbiased	12.362	12.384	0.022
313	10	Bias	12.22	12.26	0.04
314	10	Bias	12.393	12.366	-0.027
315	10	Bias	12.183	12.206	0.023
316	10	Bias	12.487	12.551	0.064
317	10	Bias	12.645	12.662	0.017
318	10	Unbiased	12.637	12.586	-0.051
319	10	Unbiased	12.197	12.217	0.02
320	10	Unbiased	12.605	12.311	-0.294
321	10	Unbiased	12.321	12.644	0.323
322	10	Unbiased	12.57	12.64	0.07
323	30	Bias	12.454	12.432	-0.022
324	30	Bias	12.422	12.407	-0.015
325	30	Bias	12.558	12.574	0.016
326	30	Bias	12.502	12.553	0.051
327	30	Bias	12.243	12.329	0.086
328	30	Unbiased	12.544	12.487	-0.057
329	30	Unbiased	12.754	12.681	-0.073
330	30	Unbiased	12.582	12.434	-0.148
331	30	Unbiased	12.346	12.368	0.022
332	30	Unbiased	12.659	12.691	0.032
333	50	Bias	12.296	12.389	0.093
334	50	Bias	12.631	12.595	-0.036
335	50	Bias	12.367	12.324	-0.043
336	50	Bias	12.482	12.695	0.213
337	50	Bias	12.292	12.185	-0.107
338	50	Unbiased	12.141	12.313	0.172
339	50	Unbiased	12.254	12.305	0.051
340	50	Unbiased	12.396	12.372	-0.024
341	50	Unbiased	12.568	12.572	0.004
342	50	Unbiased	12.409	12.453	0.044
343	100	Bias	12.448	12.585	0.137
344	100	Bias	12.385	12.295	-0.09
345	100	Bias	12.692	12.636	-0.056
346	100	Bias	12.435	12.198	-0.237
347	100	Bias	12.222	12.319	0.097
348	100	Unbiased	12.681	12.857	0.176
349	100	Unbiased	12.564	12.54	-0.024
350	100	Unbiased	12.604	12.639	0.035
351	100	Unbiased	12.709	12.816	0.107
352	100	Unbiased	12.368	12.473	0.105

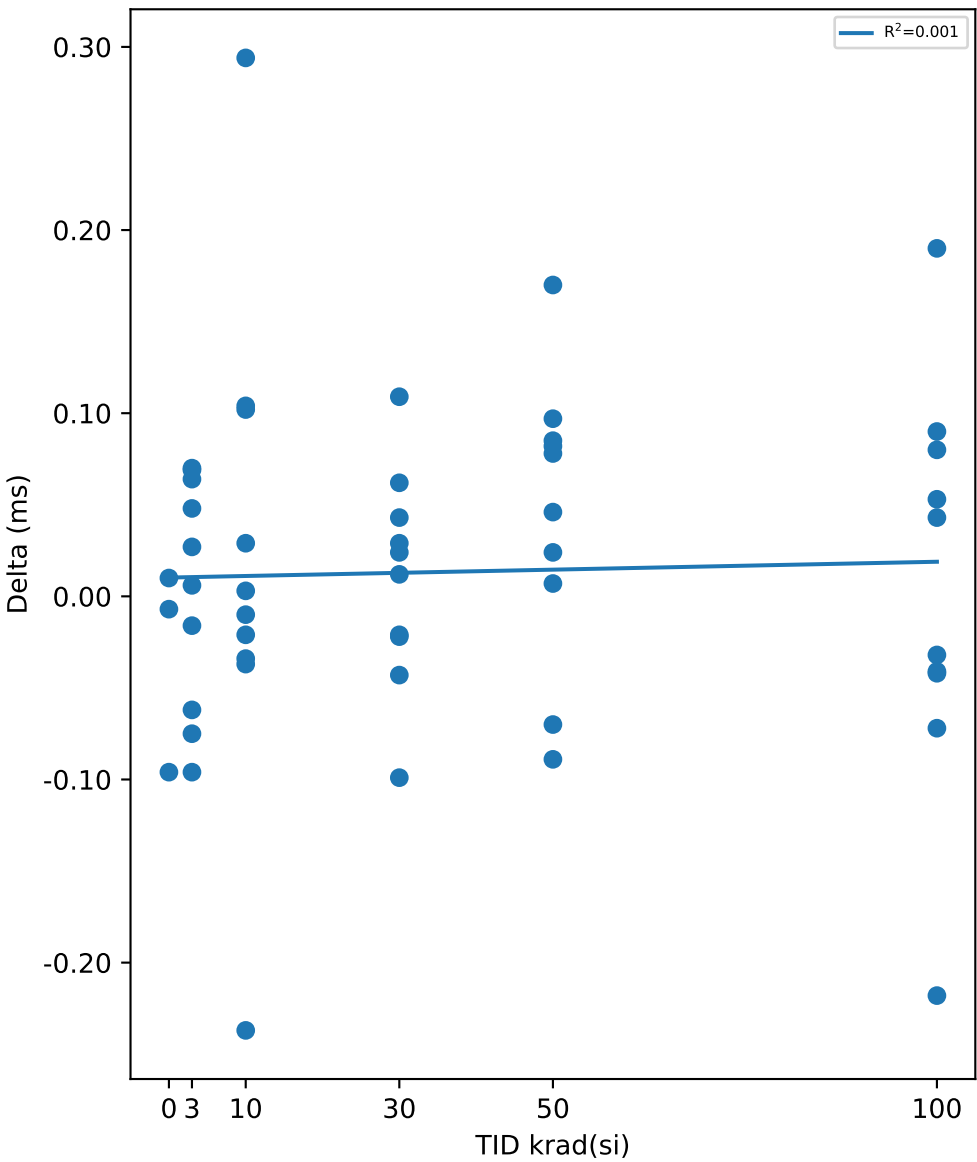
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.242	12.401	12.539	0.14961	12.279	12.392	12.524	0.12352	-0.048	-0.0086667	0.037	0.042852
3	12.227	12.431	12.685	0.14653	12.304	12.45	12.622	0.13168	-0.063	0.0192	0.077	0.046511
10	12.183	12.426	12.645	0.18709	12.206	12.444	12.662	0.18955	-0.294	0.0185	0.323	0.14999
30	12.243	12.506	12.754	0.14884	12.329	12.496	12.691	0.12552	-0.148	-0.0108	0.086	0.068138
50	12.141	12.384	12.631	0.1482	12.185	12.42	12.695	0.15735	-0.107	0.0367	0.213	0.09992
100	12.222	12.511	12.709	0.16395	12.198	12.536	12.857	0.21803	-0.237	0.025	0.176	0.12675

TID vs Result Stats



TID vs Post - Pre Exposure Delta



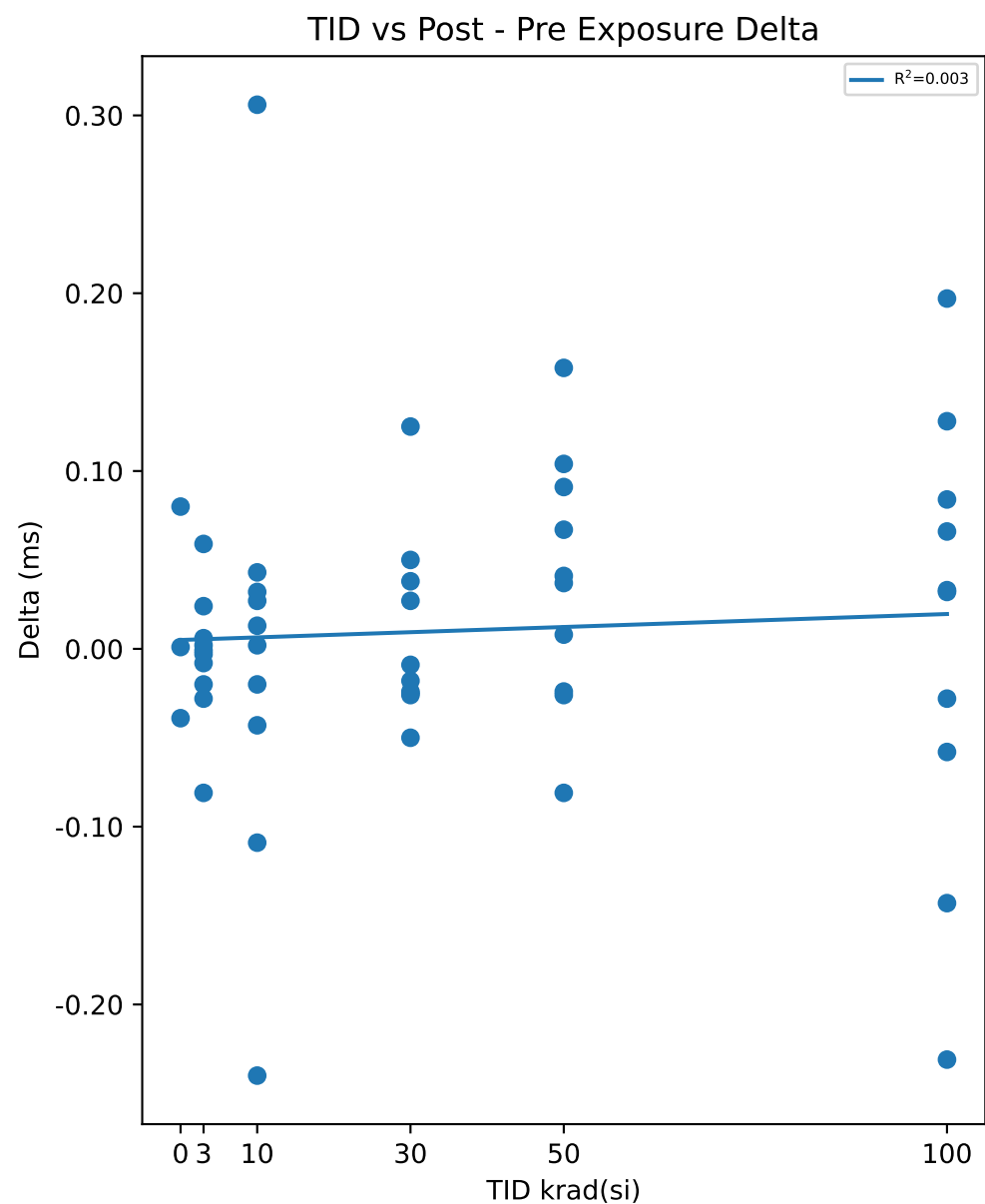
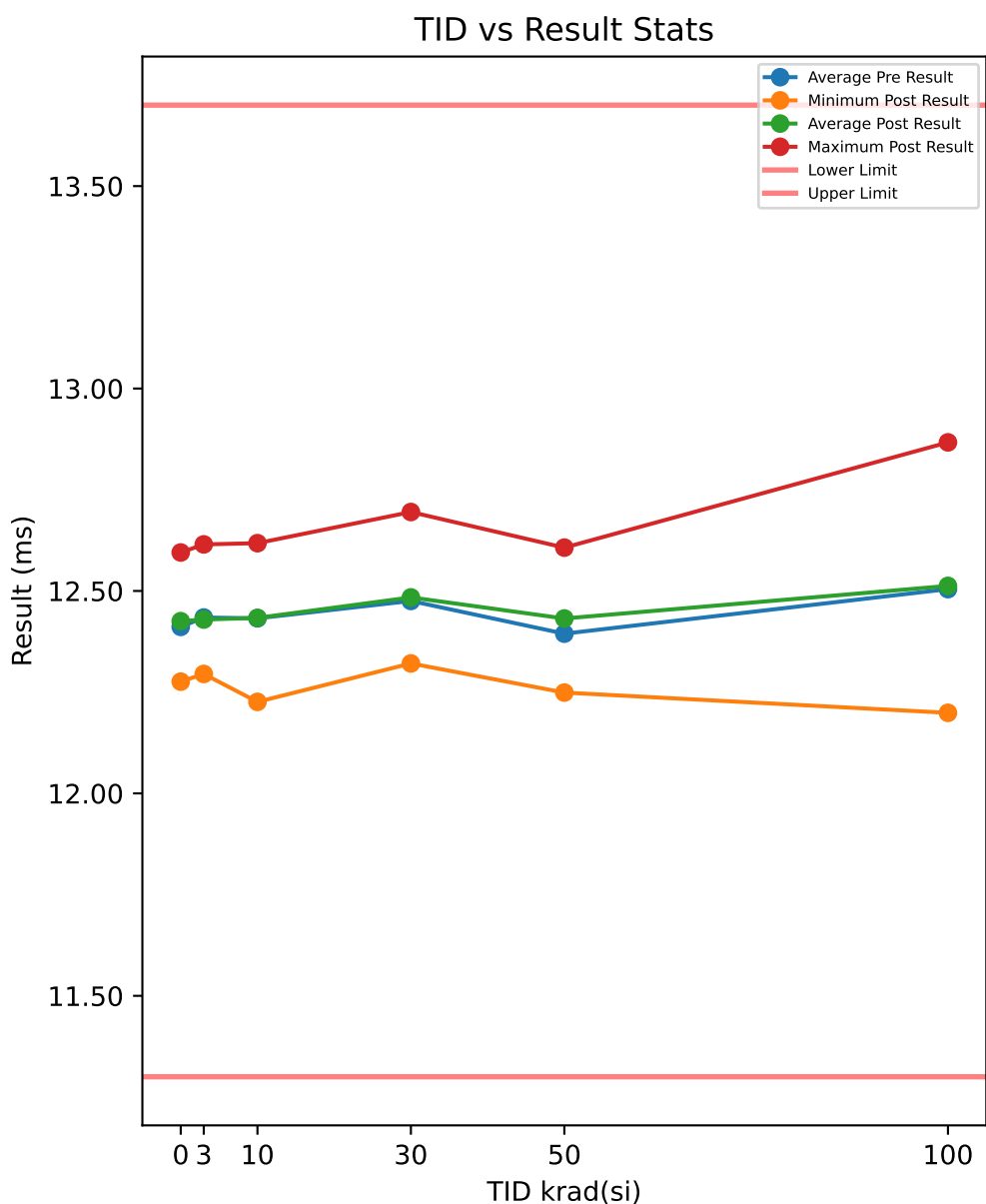
Test Results (Lower Limit = 11.3, Upper Limit = 13.7 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.599	12.592	-0.007
301	0	Correlation	12.443	12.347	-0.096
302	0	Correlation	12.26	12.27	0.01
303	3	Bias	12.339	12.387	0.048
304	3	Bias	12.398	12.425	0.027
305	3	Bias	12.635	12.539	-0.096
306	3	Bias	12.539	12.545	0.006
307	3	Bias	12.334	12.398	0.064
308	3	Unbiased	12.276	12.345	0.069
309	3	Unbiased	12.628	12.612	-0.016
310	3	Unbiased	12.562	12.632	0.07
311	3	Unbiased	12.388	12.326	-0.062
312	3	Unbiased	12.428	12.353	-0.075
313	10	Bias	12.284	12.263	-0.021
314	10	Bias	12.346	12.375	0.029
315	10	Bias	12.257	12.26	0.003
316	10	Bias	12.44	12.544	0.104
317	10	Bias	12.595	12.585	-0.01
318	10	Unbiased	12.565	12.531	-0.034
319	10	Unbiased	12.25	12.213	-0.037
320	10	Unbiased	12.607	12.37	-0.237
321	10	Unbiased	12.318	12.612	0.294
322	10	Unbiased	12.57	12.672	0.102
323	30	Bias	12.48	12.437	-0.043
324	30	Bias	12.345	12.407	0.062
325	30	Bias	12.512	12.536	0.024
326	30	Bias	12.46	12.569	0.109
327	30	Bias	12.264	12.307	0.043
328	30	Unbiased	12.501	12.48	-0.021
329	30	Unbiased	12.711	12.689	-0.022
330	30	Unbiased	12.495	12.396	-0.099
331	30	Unbiased	12.35	12.362	0.012
332	30	Unbiased	12.641	12.67	0.029
333	50	Bias	12.31	12.395	0.085
334	50	Bias	12.579	12.676	0.097
335	50	Bias	12.385	12.409	0.024
336	50	Bias	12.434	12.604	0.17
337	50	Bias	12.317	12.228	-0.089
338	50	Unbiased	12.209	12.287	0.078
339	50	Unbiased	12.305	12.387	0.082
340	50	Unbiased	12.428	12.358	-0.07
341	50	Unbiased	12.513	12.559	0.046
342	50	Unbiased	12.456	12.463	0.007
343	100	Bias	12.454	12.534	0.08
344	100	Bias	12.387	12.345	-0.042
345	100	Bias	12.638	12.597	-0.041
346	100	Bias	12.437	12.219	-0.218
347	100	Bias	12.239	12.329	0.09
348	100	Unbiased	12.669	12.859	0.19
349	100	Unbiased	12.617	12.545	-0.072
350	100	Unbiased	12.597	12.65	0.053
351	100	Unbiased	12.724	12.767	0.043
352	100	Unbiased	12.426	12.394	-0.032

Test Statistics (ms)

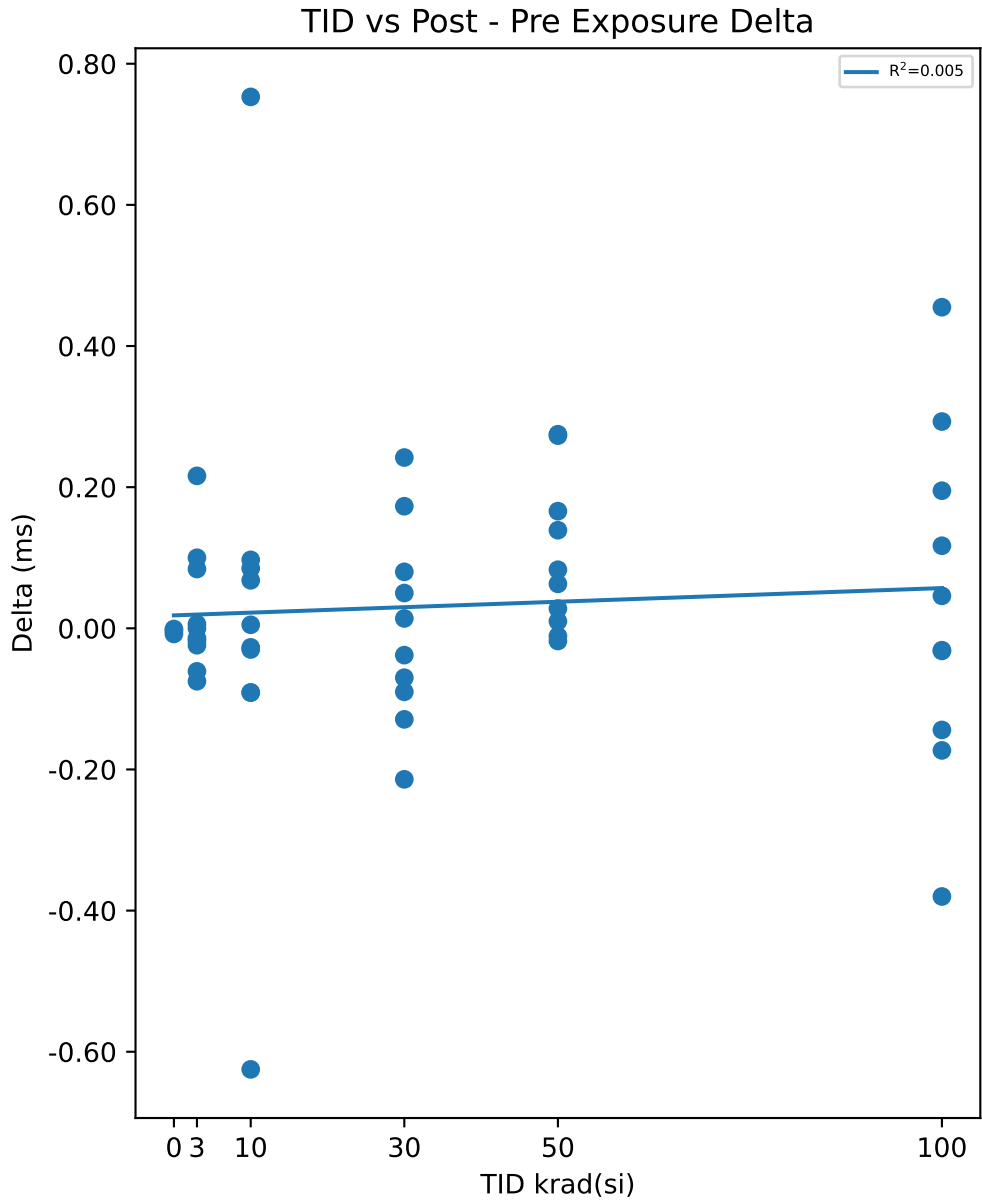
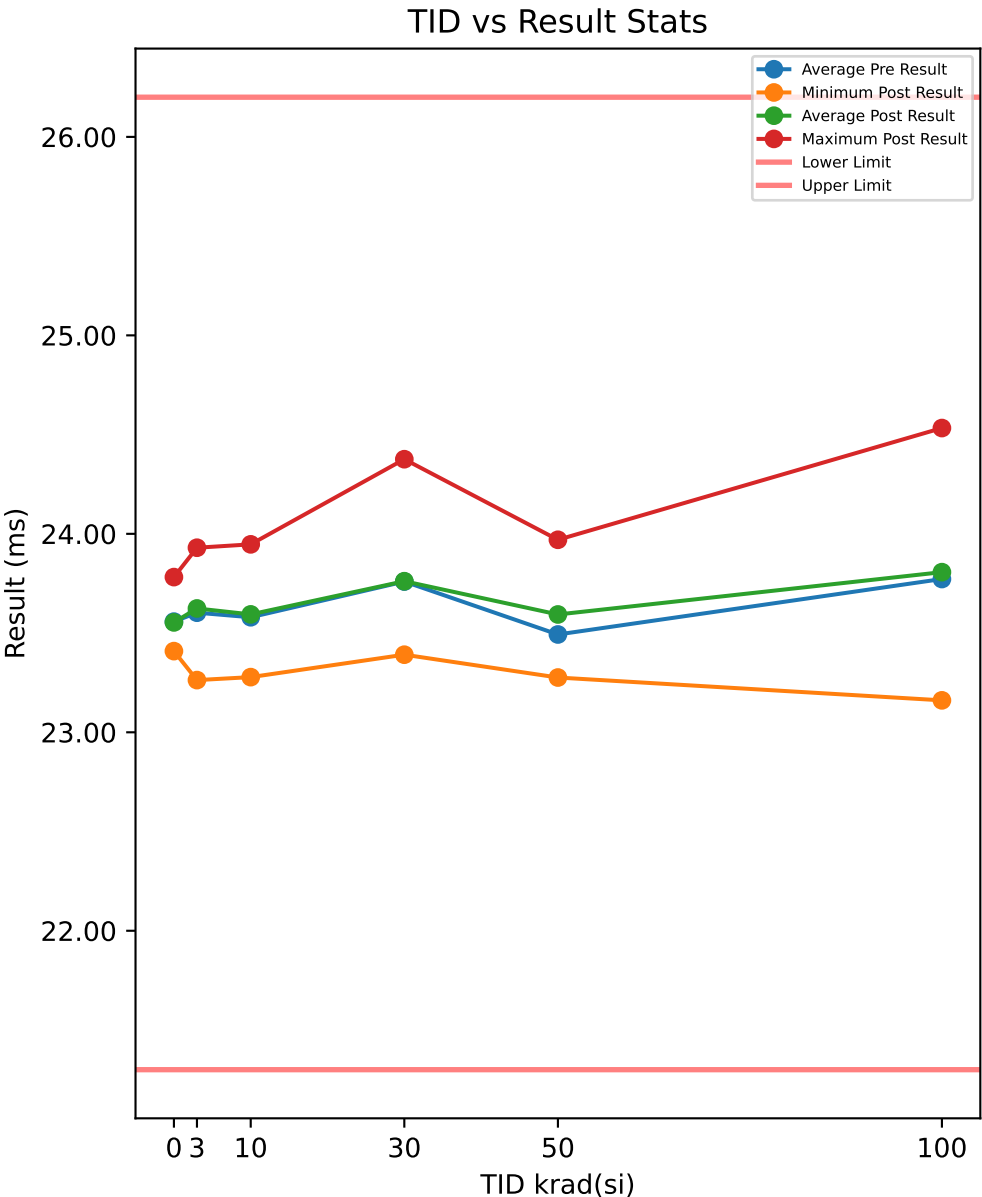
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.26	12.434	12.599	0.16968	12.27	12.403	12.592	0.16815	-0.096	-0.031	0.01	0.05693
3	12.276	12.453	12.635	0.12883	12.326	12.456	12.632	0.11501	-0.096	0.0035	0.07	0.062933
10	12.25	12.423	12.607	0.1488	12.213	12.442	12.672	0.16595	-0.237	0.0193	0.294	0.135
30	12.264	12.476	12.711	0.13457	12.307	12.485	12.689	0.12851	-0.099	0.0094	0.109	0.058525
50	12.209	12.394	12.579	0.11065	12.228	12.437	12.676	0.14065	-0.089	0.043	0.17	0.078467
100	12.239	12.519	12.724	0.15268	12.219	12.524	12.859	0.20358	-0.218	0.0051	0.19	0.11164

Device Test: 5.85 ; DLY_TMR_500KOHM



Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.515	12.595	0.08
301	0	Correlation	12.444	12.405	-0.039
302	0	Correlation	12.275	12.276	0.001
303	3	Bias	12.376	12.295	-0.081
304	3	Bias	12.371	12.343	-0.028
305	3	Bias	12.565	12.557	-0.008
306	3	Bias	12.545	12.547	0.002
307	3	Bias	12.333	12.313	-0.02
308	3	Unbiased	12.316	12.322	0.006
309	3	Unbiased	12.616	12.615	-0.001
310	3	Unbiased	12.548	12.545	-0.003
311	3	Unbiased	12.307	12.331	0.024
312	3	Unbiased	12.367	12.426	0.059
313	10	Bias	12.291	12.248	-0.043
314	10	Bias	12.417	12.308	-0.109
315	10	Bias	12.264	12.266	0.002
316	10	Bias	12.448	12.48	0.032
317	10	Bias	12.582	12.595	0.013
318	10	Unbiased	12.572	12.615	0.043
319	10	Unbiased	12.246	12.226	-0.02
320	10	Unbiased	12.614	12.374	-0.24
321	10	Unbiased	12.312	12.618	0.306
322	10	Unbiased	12.578	12.605	0.027
323	30	Bias	12.402	12.352	-0.05
324	30	Bias	12.352	12.327	-0.025
325	30	Bias	12.502	12.54	0.038
326	30	Bias	12.452	12.577	0.125
327	30	Bias	12.294	12.321	0.027
328	30	Unbiased	12.512	12.486	-0.026
329	30	Unbiased	12.719	12.695	-0.024
330	30	Unbiased	12.5	12.482	-0.018
331	30	Unbiased	12.376	12.367	-0.009
332	30	Unbiased	12.644	12.694	0.05
333	50	Bias	12.341	12.378	0.037
334	50	Bias	12.599	12.607	0.008
335	50	Bias	12.411	12.385	-0.026
336	50	Bias	12.444	12.602	0.158
337	50	Bias	12.33	12.249	-0.081
338	50	Unbiased	12.217	12.321	0.104
339	50	Unbiased	12.325	12.366	0.041
340	50	Unbiased	12.344	12.435	0.091
341	50	Unbiased	12.502	12.569	0.067
342	50	Unbiased	12.432	12.408	-0.024
343	100	Bias	12.521	12.554	0.033
344	100	Bias	12.293	12.377	0.084
345	100	Bias	12.643	12.585	-0.058
346	100	Bias	12.43	12.199	-0.231
347	100	Bias	12.267	12.333	0.066
348	100	Unbiased	12.67	12.867	0.197
349	100	Unbiased	12.612	12.469	-0.143
350	100	Unbiased	12.609	12.581	-0.028
351	100	Unbiased	12.641	12.769	0.128
352	100	Unbiased	12.359	12.391	0.032

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.275	12.411	12.515	0.12329	12.276	12.425	12.595	0.16047	-0.039	0.014	0.08	0.060556
3	12.307	12.434	12.616	0.11911	12.295	12.429	12.615	0.12393	-0.081	-0.005	0.059	0.036003
10	12.246	12.432	12.614	0.14686	12.226	12.434	12.618	0.16648	-0.24	0.0011	0.306	0.13708
30	12.294	12.475	12.719	0.13097	12.321	12.484	12.695	0.1425	-0.05	0.0088	0.125	0.051968
50	12.217	12.394	12.599	0.10719	12.249	12.432	12.607	0.1221	-0.081	0.0375	0.158	0.071036
100	12.267	12.505	12.67	0.15485	12.199	12.512	12.867	0.20239	-0.231	0.008	0.197	0.12738

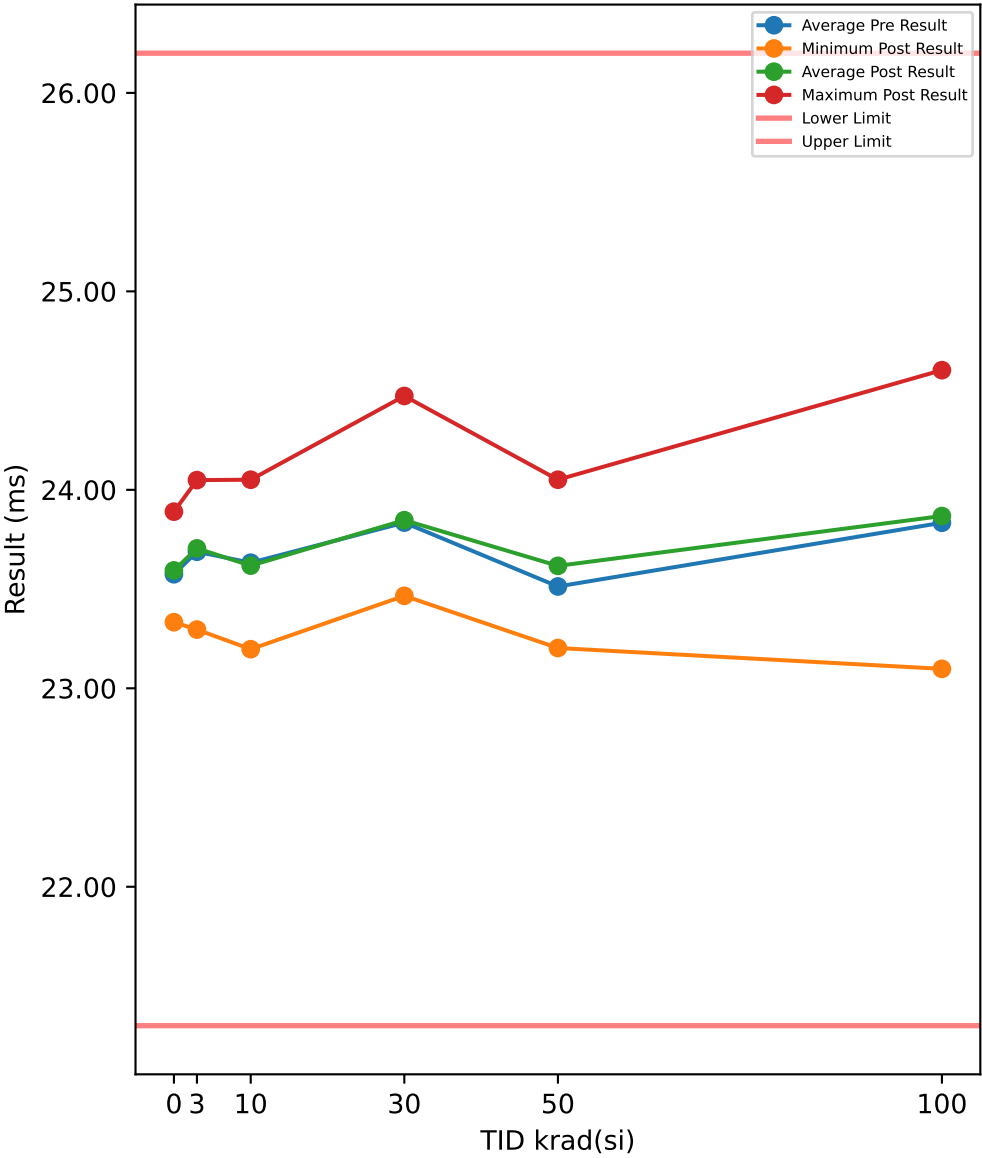


Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.79	23.782	-0.008
301	0	Correlation	23.473	23.47	-0.003
302	0	Correlation	23.41	23.409	-0.001
303	3	Bias	23.474	23.48	0.006
304	3	Bias	23.56	23.66	0.1
305	3	Bias	23.858	23.834	-0.024
306	3	Bias	23.827	23.827	0
307	3	Bias	23.324	23.263	-0.061
308	3	Unbiased	23.123	23.339	0.216
309	3	Unbiased	24.005	23.93	-0.075
310	3	Unbiased	23.861	23.843	-0.018
311	3	Unbiased	23.47	23.554	0.084
312	3	Unbiased	23.524	23.51	-0.014
313	10	Bias	23.213	23.31	0.097
314	10	Bias	23.555	23.464	-0.091
315	10	Bias	23.312	23.285	-0.027
316	10	Bias	23.636	23.704	0.068
317	10	Bias	23.927	23.932	0.005
318	10	Unbiased	23.892	23.801	-0.091
319	10	Unbiased	23.308	23.278	-0.03
320	10	Unbiased	23.934	23.309	-0.625
321	10	Unbiased	23.194	23.947	0.753
322	10	Unbiased	23.826	23.911	0.085
323	30	Bias	23.722	23.593	-0.129
324	30	Bias	23.557	23.519	-0.038
325	30	Bias	23.806	23.856	0.05
326	30	Bias	23.67	23.912	0.242
327	30	Bias	23.311	23.391	0.08
328	30	Unbiased	23.706	23.636	-0.07
329	30	Unbiased	24.466	24.376	-0.09
330	30	Unbiased	23.922	23.708	-0.214
331	30	Unbiased	23.403	23.417	0.014
332	30	Unbiased	24.032	24.205	0.173
333	50	Bias	23.325	23.464	0.139
334	50	Bias	23.93	23.958	0.028
335	50	Bias	23.491	23.657	0.166
336	50	Bias	23.697	23.97	0.273
337	50	Bias	23.294	23.276	-0.018
338	50	Unbiased	23.09	23.365	0.275
339	50	Unbiased	23.302	23.291	-0.011
340	50	Unbiased	23.383	23.393	0.01
341	50	Unbiased	23.815	23.878	0.063
342	50	Unbiased	23.602	23.685	0.083
343	100	Bias	23.63	23.825	0.195
344	100	Bias	23.327	23.444	0.117
345	100	Bias	24.31	24.166	-0.144
346	100	Bias	23.541	23.161	-0.38
347	100	Bias	23.299	23.268	-0.031
348	100	Unbiased	24.078	24.533	0.455
349	100	Unbiased	24.051	23.878	-0.173
350	100	Unbiased	23.93	23.898	-0.032
351	100	Unbiased	24.134	24.427	0.293
352	100	Unbiased	23.423	23.469	0.046

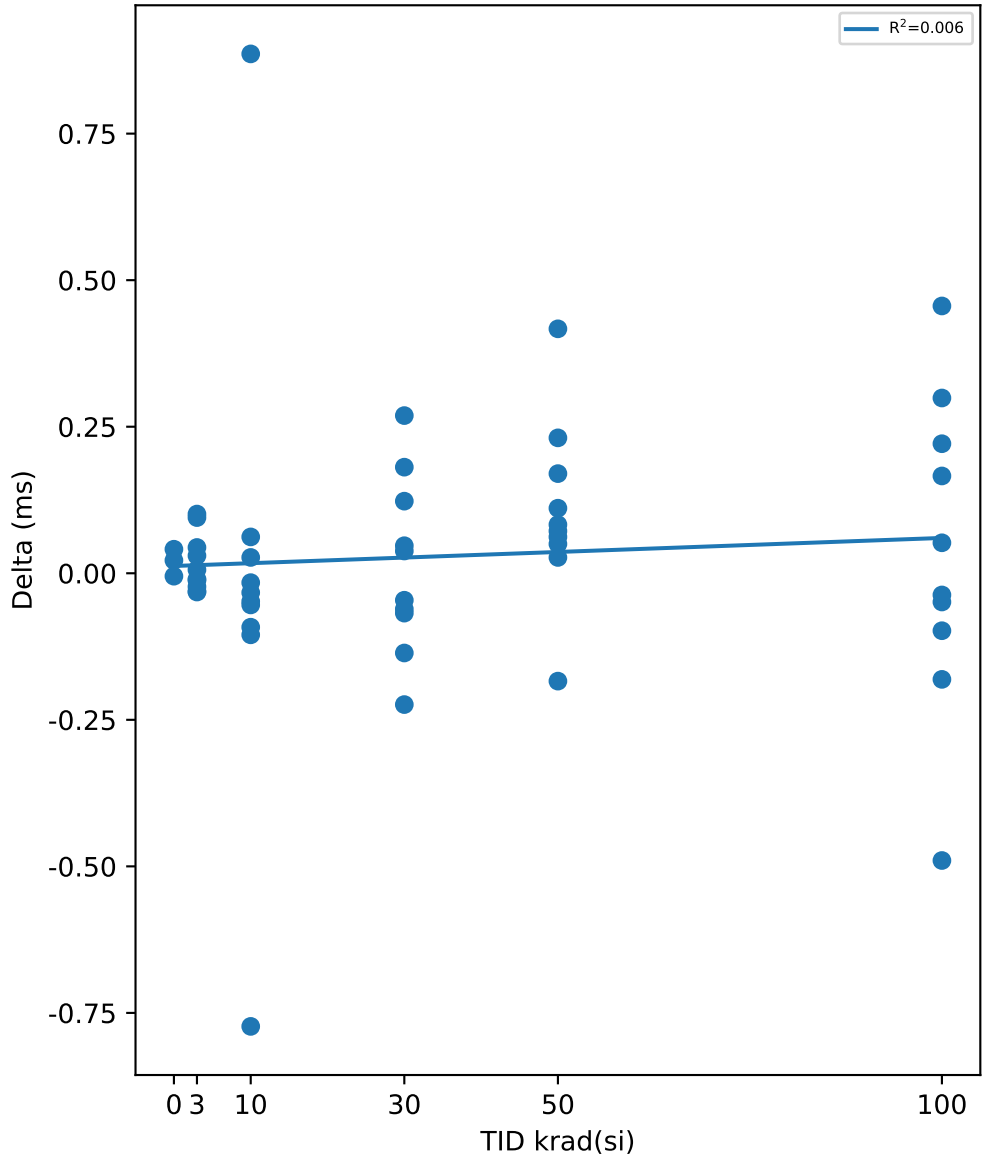
Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.41	23.558	23.79	0.20366	23.409	23.554	23.782	0.20008	-0.008	-0.004	-0.001	0.0036056
3	23.123	23.603	24.005	0.27769	23.263	23.624	23.93	0.23055	-0.075	0.0214	0.216	0.087946
10	23.194	23.58	23.934	0.30493	23.278	23.594	23.947	0.2922	-0.625	0.0144	0.753	0.3325
30	23.311	23.759	24.466	0.33057	23.391	23.761	24.376	0.3279	-0.214	0.0018	0.242	0.13922
50	23.09	23.493	23.93	0.26394	23.276	23.594	23.97	0.27273	-0.018	0.1008	0.275	0.10935
100	23.299	23.772	24.31	0.37029	23.161	23.807	24.533	0.47233	-0.38	0.0346	0.455	0.24308

TID vs Result Stats



TID vs Post - Pre Exposure Delta



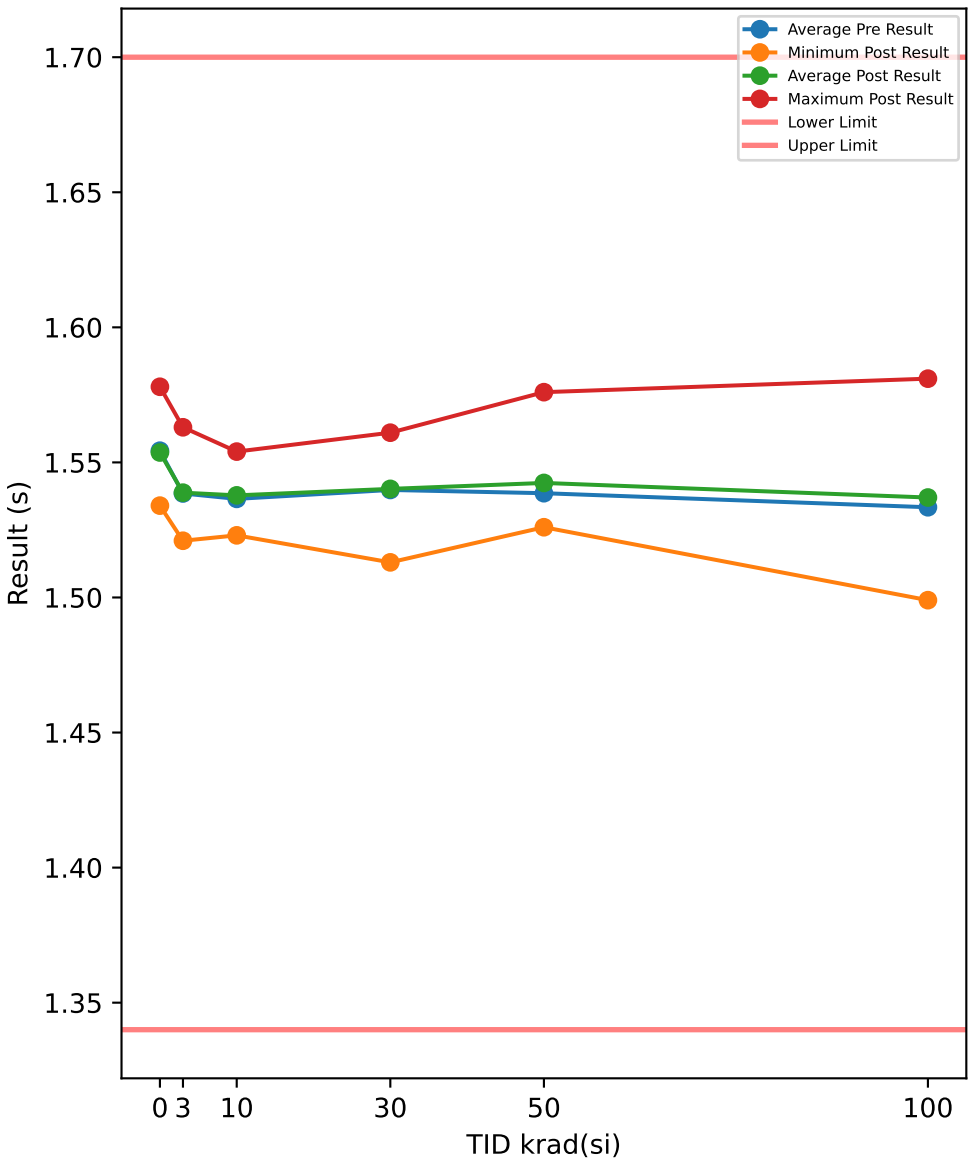
Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.868	23.89	0.022
301	0	Correlation	23.518	23.559	0.041
302	0	Correlation	23.338	23.333	-0.005
303	3	Bias	23.576	23.582	0.006
304	3	Bias	23.642	23.743	0.101
305	3	Bias	23.955	23.923	-0.032
306	3	Bias	23.895	23.925	0.03
307	3	Bias	23.406	23.383	-0.023
308	3	Unbiased	23.201	23.296	0.095
309	3	Unbiased	24.08	24.049	-0.031
310	3	Unbiased	23.935	23.923	-0.012
311	3	Unbiased	23.568	23.612	0.044
312	3	Unbiased	23.623	23.613	-0.01
313	10	Bias	23.313	23.265	-0.048
314	10	Bias	23.664	23.572	-0.092
315	10	Bias	23.25	23.217	-0.033
316	10	Bias	23.723	23.785	0.062
317	10	Bias	24.02	24.004	-0.016
318	10	Unbiased	23.964	23.859	-0.105
319	10	Unbiased	23.251	23.197	-0.054
320	10	Unbiased	24.041	23.268	-0.773
321	10	Unbiased	23.165	24.051	0.886
322	10	Unbiased	23.936	23.963	0.027
323	30	Bias	23.818	23.682	-0.136
324	30	Bias	23.66	23.592	-0.068
325	30	Bias	23.883	23.93	0.047
326	30	Bias	23.738	24.007	0.269
327	30	Bias	23.428	23.466	0.038
328	30	Unbiased	23.786	23.725	-0.061
329	30	Unbiased	24.519	24.473	-0.046
330	30	Unbiased	24.047	23.823	-0.224
331	30	Unbiased	23.366	23.489	0.123
332	30	Unbiased	24.103	24.284	0.181
333	50	Bias	23.287	23.398	0.111
334	50	Bias	23.989	24.051	0.062
335	50	Bias	23.557	23.584	0.027
336	50	Bias	23.623	24.04	0.417
337	50	Bias	23.387	23.203	-0.184
338	50	Unbiased	23.052	23.283	0.231
339	50	Unbiased	23.232	23.402	0.17
340	50	Unbiased	23.444	23.494	0.05
341	50	Unbiased	23.882	23.954	0.072
342	50	Unbiased	23.678	23.761	0.083
343	100	Bias	23.681	23.902	0.221
344	100	Bias	23.434	23.397	-0.037
345	100	Bias	24.378	24.28	-0.098
346	100	Bias	23.588	23.098	-0.49
347	100	Bias	23.22	23.386	0.166
348	100	Unbiased	24.147	24.603	0.456
349	100	Unbiased	24.126	23.945	-0.181
350	100	Unbiased	24.044	23.995	-0.049
351	100	Unbiased	24.224	24.523	0.299
352	100	Unbiased	23.499	23.551	0.052

Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.338	23.575	23.868	0.26951	23.333	23.594	23.89	0.28014	-0.005	0.019333	0.041	0.023116
3	23.201	23.688	24.08	0.27463	23.296	23.705	24.049	0.25087	-0.032	0.0168	0.101	0.049479
10	23.165	23.633	24.041	0.35601	23.197	23.618	24.051	0.35414	-0.773	-0.0146	0.886	0.39595
30	23.366	23.835	24.519	0.33587	23.466	23.847	24.473	0.33273	-0.224	0.0123	0.269	0.14964
50	23.052	23.513	23.989	0.29197	23.203	23.617	24.051	0.31534	-0.184	0.1039	0.417	0.15403
100	23.22	23.834	24.378	0.3956	23.098	23.868	24.603	0.5066	-0.49	0.0339	0.456	0.26899

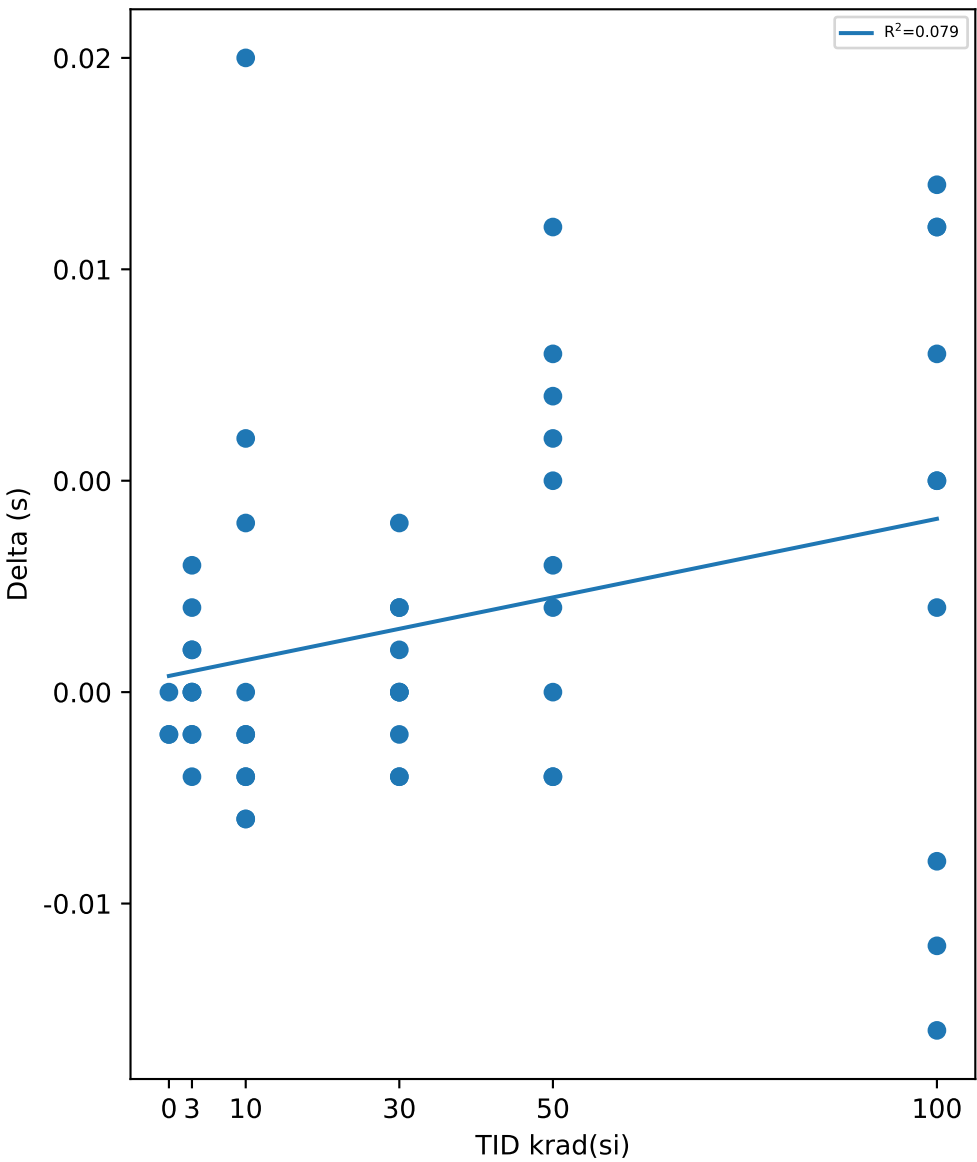
TID vs Result Stats



Test Results (Lower Limit = 1.34, Upper Limit = 1.7 (s))

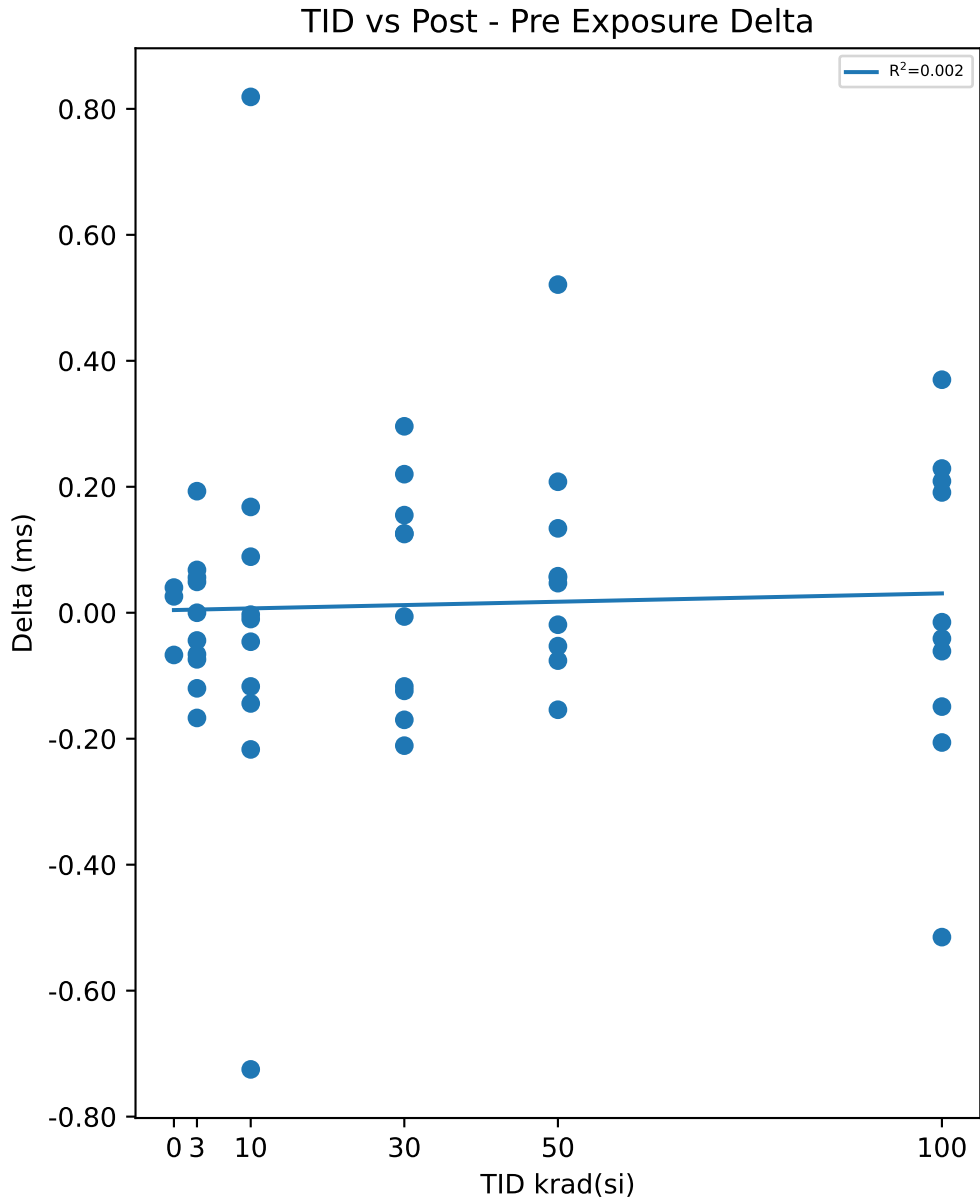
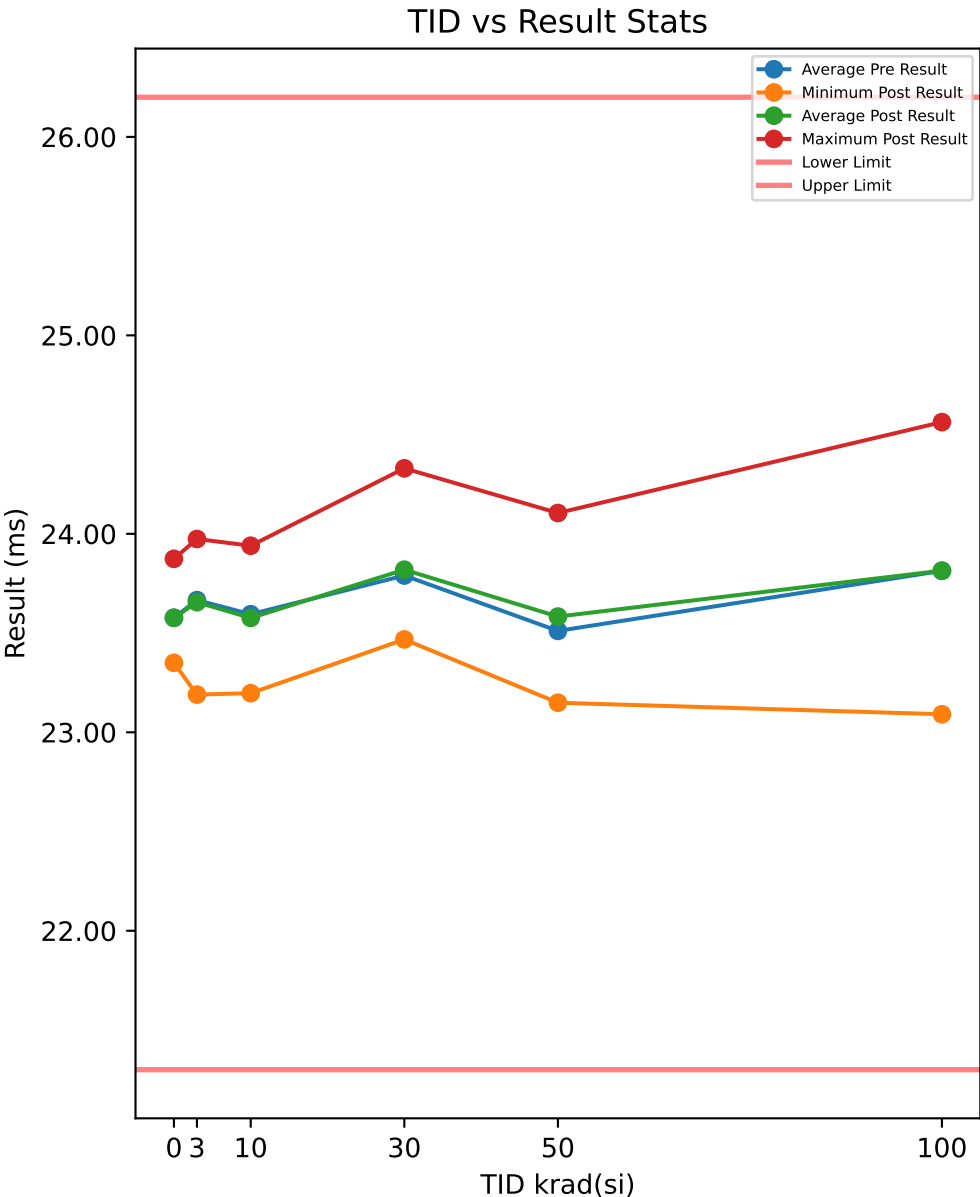
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.578	1.578	0
301	0	Correlation	1.535	1.534	-0.001
302	0	Correlation	1.55	1.549	-0.001
303	3	Bias	1.56	1.563	0.003
304	3	Bias	1.528	1.528	0
305	3	Bias	1.522	1.521	-0.001
306	3	Bias	1.537	1.538	0.001
307	3	Bias	1.536	1.535	-0.001
308	3	Unbiased	1.546	1.546	0
309	3	Unbiased	1.527	1.527	0
310	3	Unbiased	1.534	1.535	0.001
311	3	Unbiased	1.544	1.542	-0.002
312	3	Unbiased	1.551	1.553	0.002
313	10	Bias	1.517	1.523	0.006
314	10	Bias	1.537	1.534	-0.003
315	10	Bias	1.545	1.545	0
316	10	Bias	1.531	1.529	-0.002
317	10	Bias	1.531	1.53	-0.001
318	10	Unbiased	1.549	1.547	-0.002
319	10	Unbiased	1.542	1.546	0.004
320	10	Unbiased	1.525	1.54	0.015
321	10	Unbiased	1.533	1.53	-0.003
322	10	Unbiased	1.555	1.554	-0.001
323	30	Bias	1.518	1.516	-0.002
324	30	Bias	1.513	1.513	0
325	30	Bias	1.562	1.561	-0.001
326	30	Bias	1.538	1.538	0
327	30	Bias	1.526	1.527	0.001
328	30	Unbiased	1.554	1.558	0.004
329	30	Unbiased	1.533	1.531	-0.002
330	30	Unbiased	1.554	1.556	0.002
331	30	Unbiased	1.544	1.546	0.002
332	30	Unbiased	1.556	1.556	0
333	50	Bias	1.549	1.551	0.002
334	50	Bias	1.528	1.526	-0.002
335	50	Bias	1.573	1.576	0.003
336	50	Bias	1.53	1.528	-0.002
337	50	Bias	1.525	1.531	0.006
338	50	Unbiased	1.53	1.537	0.007
339	50	Unbiased	1.524	1.529	0.005
340	50	Unbiased	1.542	1.55	0.008
341	50	Unbiased	1.522	1.533	0.011
342	50	Unbiased	1.563	1.563	0
343	100	Bias	1.542	1.534	-0.008
344	100	Bias	1.505	1.499	-0.006
345	100	Bias	1.522	1.524	0.002
346	100	Bias	1.529	1.54	0.011
347	100	Bias	1.569	1.581	0.012
348	100	Unbiased	1.51	1.515	0.005
349	100	Unbiased	1.524	1.52	-0.004
350	100	Unbiased	1.553	1.558	0.005
351	100	Unbiased	1.532	1.543	0.011
352	100	Unbiased	1.548	1.556	0.008

TID vs Post - Pre Exposure Delta



Test Statistics (s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.535	1.5543	1.578	0.021825	1.534	1.5537	1.578	0.022368	-0.001	-0.00066667	0	0.00057735
3	1.522	1.5385	1.56	0.011778	1.521	1.5388	1.563	0.0127	-0.002	0.0003	0.003	0.0014944
10	1.517	1.5365	1.555	0.011482	1.523	1.5378	1.554	0.01002	-0.003	0.0013	0.015	0.0056578
30	1.513	1.5398	1.562	0.017028	1.513	1.5402	1.561	0.017862	-0.002	0.0004	0.004	0.0018974
50	1.522	1.5386	1.573	0.01774	1.526	1.5424	1.576	0.016959	-0.002	0.0038	0.011	0.0043665
100	1.505	1.5334	1.569	0.019811	1.499	1.537	1.581	0.023986	-0.008	0.0036	0.012	0.0073817



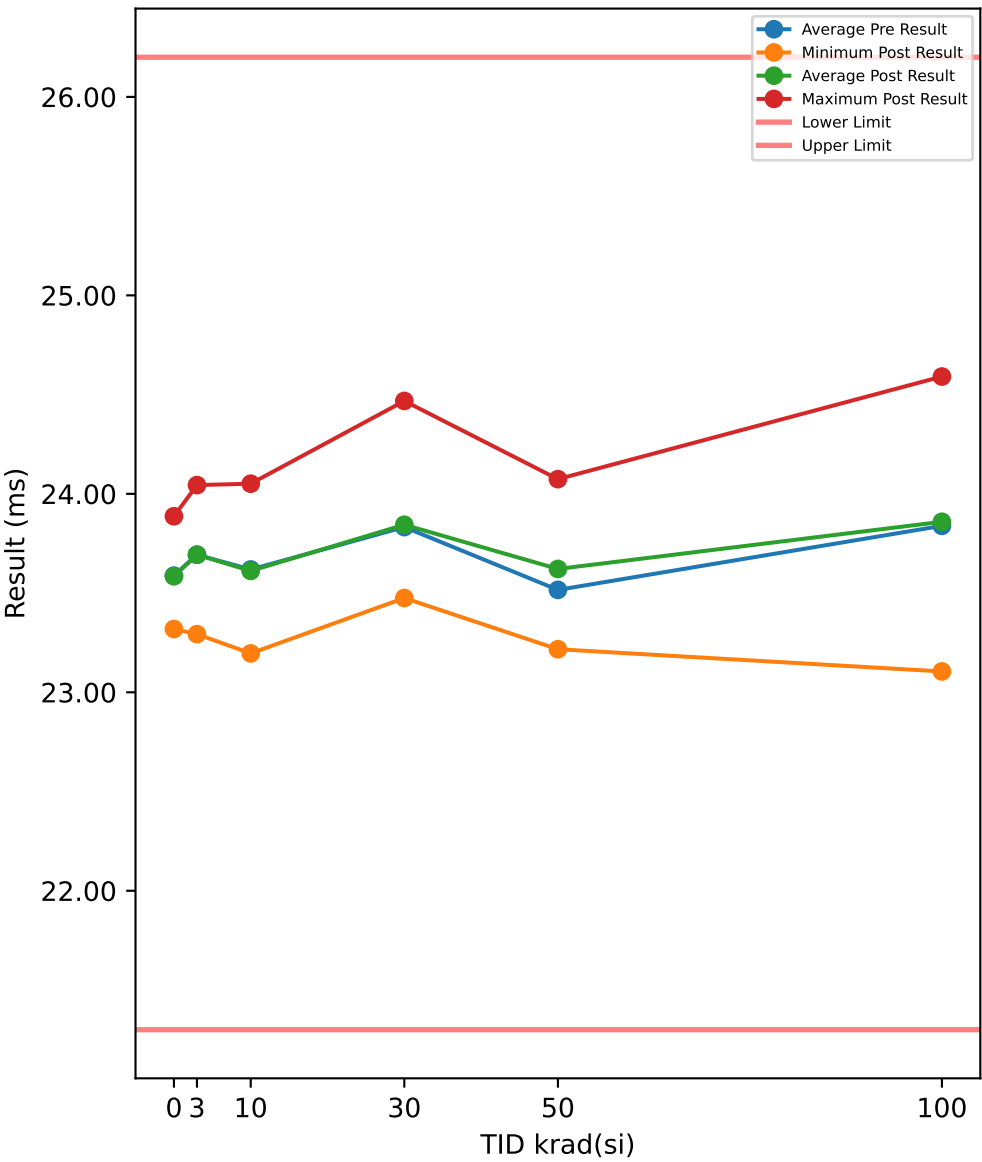
Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.848	23.874	0.026
301	0	Correlation	23.573	23.506	-0.067
302	0	Correlation	23.31	23.35	0.04
303	3	Bias	23.59	23.524	-0.066
304	3	Bias	23.586	23.779	0.193
305	3	Bias	23.947	23.78	-0.167
306	3	Bias	23.806	23.874	0.068
307	3	Bias	23.487	23.443	-0.044
308	3	Unbiased	23.141	23.19	0.049
309	3	Unbiased	24.048	23.974	-0.074
310	3	Unbiased	23.935	23.815	-0.12
311	3	Unbiased	23.55	23.55	0
312	3	Unbiased	23.57	23.626	0.056
313	10	Bias	23.348	23.204	-0.144
314	10	Bias	23.563	23.517	-0.046
315	10	Bias	23.148	23.316	0.168
316	10	Bias	23.716	23.805	0.089
317	10	Bias	23.95	23.94	-0.01
318	10	Unbiased	23.967	23.75	-0.217
319	10	Unbiased	23.314	23.197	-0.117
320	10	Unbiased	23.945	23.22	-0.725
321	10	Unbiased	23.115	23.934	0.819
322	10	Unbiased	23.883	23.88	-0.003
323	30	Bias	23.719	23.602	-0.117
324	30	Bias	23.679	23.555	-0.124
325	30	Bias	23.788	23.943	0.155
326	30	Bias	23.692	23.988	0.296
327	30	Bias	23.327	23.547	0.22
328	30	Unbiased	23.823	23.653	-0.17
329	30	Unbiased	24.336	24.33	-0.006
330	30	Unbiased	24.056	23.845	-0.211
331	30	Unbiased	23.342	23.468	0.126
332	30	Unbiased	24.137	24.262	0.125
333	50	Bias	23.336	23.394	0.058
334	50	Bias	23.946	23.927	-0.019
335	50	Bias	23.629	23.553	-0.076
336	50	Bias	23.584	24.105	0.521
337	50	Bias	23.303	23.149	-0.154
338	50	Unbiased	23.087	23.221	0.134
339	50	Unbiased	23.218	23.426	0.208
340	50	Unbiased	23.393	23.449	0.056
341	50	Unbiased	23.914	23.961	0.047
342	50	Unbiased	23.699	23.646	-0.053
343	100	Bias	23.584	23.793	0.209
344	100	Bias	23.492	23.286	-0.206
345	100	Bias	24.327	24.266	-0.061
346	100	Bias	23.606	23.091	-0.515
347	100	Bias	23.152	23.343	0.191
348	100	Unbiased	24.193	24.563	0.37
349	100	Unbiased	24.002	23.853	-0.149
350	100	Unbiased	24.021	24.006	-0.015
351	100	Unbiased	24.234	24.463	0.229
352	100	Unbiased	23.523	23.482	-0.041

Test Statistics (ms)

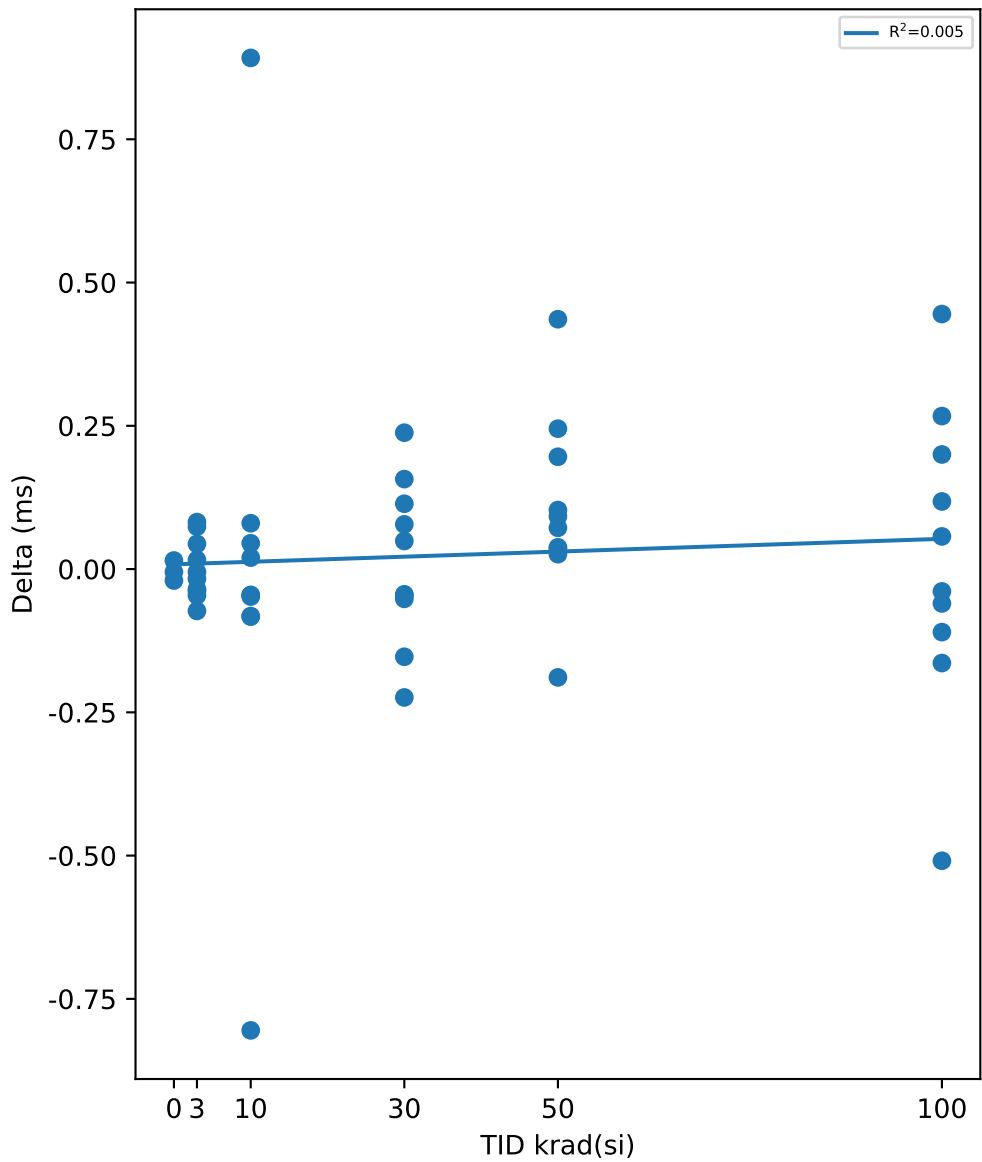
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.31	23.577	23.848	0.26902	23.35	23.577	23.874	0.26905	-0.067	-0.00033333	0.04	0.058158
3	23.141	23.666	24.048	0.27067	23.19	23.655	23.974	0.23488	-0.167	-0.0105	0.193	0.1056
10	23.115	23.595	23.967	0.34249	23.197	23.576	23.94	0.31896	-0.725	-0.0186	0.819	0.38193
30	23.327	23.79	24.336	0.32187	23.468	23.819	24.33	0.30614	-0.211	0.0294	0.296	0.17808
50	23.087	23.511	23.946	0.29053	23.149	23.583	24.105	0.32254	-0.154	0.0722	0.521	0.18912
100	23.152	23.813	24.327	0.39217	23.091	23.815	24.563	0.51196	-0.515	0.0012	0.37	0.25927

Device Test: 5.90 ; DLY_TMR_1MOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

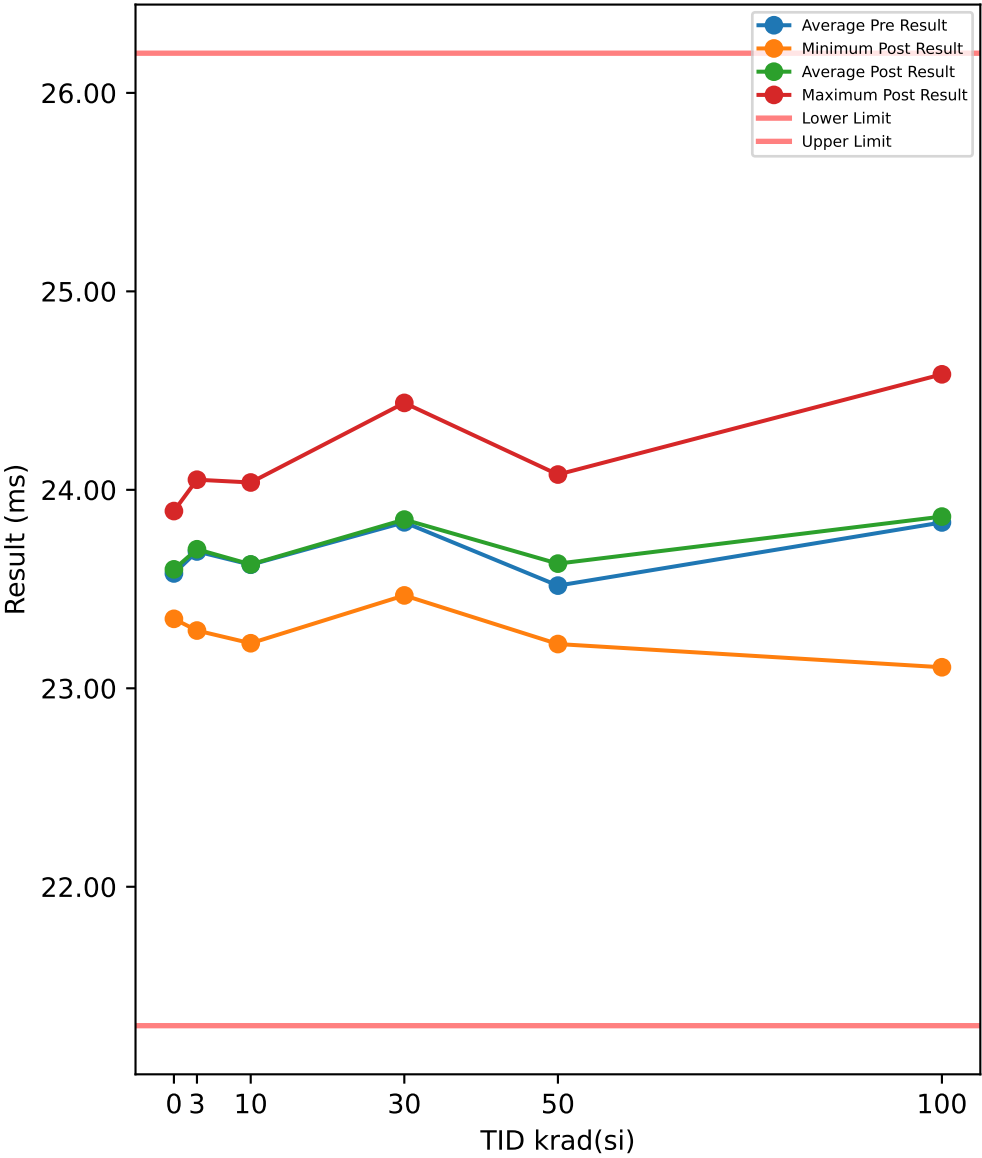
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.872	23.887	0.015
301	0	Correlation	23.553	23.548	-0.005
302	0	Correlation	23.339	23.319	-0.02
303	3	Bias	23.557	23.552	-0.005
304	3	Bias	23.653	23.727	0.074
305	3	Bias	23.966	23.893	-0.073
306	3	Bias	23.903	23.919	0.016
307	3	Bias	23.425	23.379	-0.046
308	3	Unbiased	23.211	23.293	0.082
309	3	Unbiased	24.079	24.044	-0.035
310	3	Unbiased	23.927	23.91	-0.017
311	3	Unbiased	23.587	23.631	0.044
312	3	Unbiased	23.623	23.584	-0.039
313	10	Bias	23.305	23.26	-0.045
314	10	Bias	23.639	23.556	-0.083
315	10	Bias	23.228	23.248	0.02
316	10	Bias	23.701	23.781	0.08
317	10	Bias	24.009	23.963	-0.046
318	10	Unbiased	23.938	23.856	-0.082
319	10	Unbiased	23.244	23.196	-0.048
320	10	Unbiased	24.044	23.239	-0.805
321	10	Unbiased	23.159	24.051	0.892
322	10	Unbiased	23.921	23.966	0.045
323	30	Bias	23.811	23.658	-0.153
324	30	Bias	23.658	23.606	-0.052
325	30	Bias	23.875	23.924	0.049
326	30	Bias	23.763	24.001	0.238
327	30	Bias	23.408	23.486	0.078
328	30	Unbiased	23.778	23.732	-0.046
329	30	Unbiased	24.512	24.468	-0.044
330	30	Unbiased	24.041	23.817	-0.224
331	30	Unbiased	23.361	23.475	0.114
332	30	Unbiased	24.118	24.275	0.157
333	50	Bias	23.283	23.386	0.103
334	50	Bias	23.993	24.029	0.036
335	50	Bias	23.575	23.601	0.026
336	50	Bias	23.638	24.074	0.436
337	50	Bias	23.406	23.217	-0.189
338	50	Unbiased	23.051	23.296	0.245
339	50	Unbiased	23.207	23.403	0.196
340	50	Unbiased	23.462	23.5	0.038
341	50	Unbiased	23.855	23.947	0.092
342	50	Unbiased	23.69	23.762	0.072
343	100	Bias	23.694	23.894	0.2
344	100	Bias	23.428	23.389	-0.039
345	100	Bias	24.382	24.272	-0.11
346	100	Bias	23.614	23.105	-0.509
347	100	Bias	23.229	23.347	0.118
348	100	Unbiased	24.146	24.591	0.445
349	100	Unbiased	24.127	23.963	-0.164
350	100	Unbiased	24.047	23.987	-0.06
351	100	Unbiased	24.219	24.486	0.267
352	100	Unbiased	23.501	23.558	0.057

Test Statistics (ms)

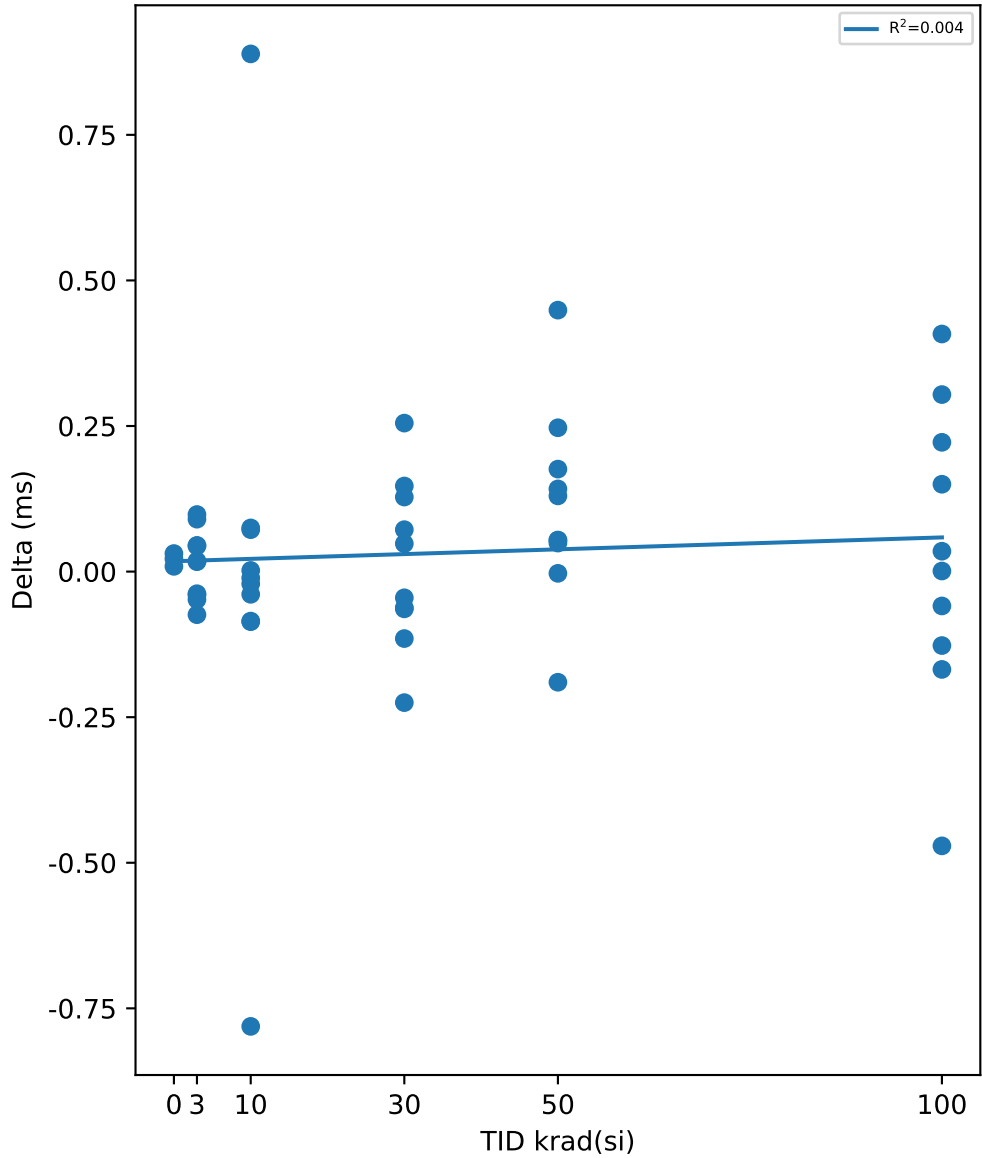
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.339	23.588	23.872	0.26822	23.319	23.585	23.887	0.28577	-0.02	-0.0033333	0.015	0.017559
3	23.211	23.693	24.079	0.27137	23.293	23.693	24.044	0.24871	-0.073	0.0001	0.082	0.052596
10	23.159	23.619	24.044	0.35536	23.196	23.612	24.051	0.34977	-0.805	-0.0072	0.892	0.40443
30	23.361	23.832	24.512	0.33825	23.475	23.844	24.468	0.32914	-0.224	0.0117	0.238	0.14211
50	23.051	23.516	23.993	0.2929	23.217	23.622	24.074	0.31349	-0.189	0.1055	0.436	0.16351
100	23.229	23.839	24.382	0.39252	23.105	23.859	24.591	0.50223	-0.509	0.0205	0.445	0.26362

Device Test: 5.91 ; DLY_TMR_1MOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 21.3, Upper Limit = 26.2 (ms))

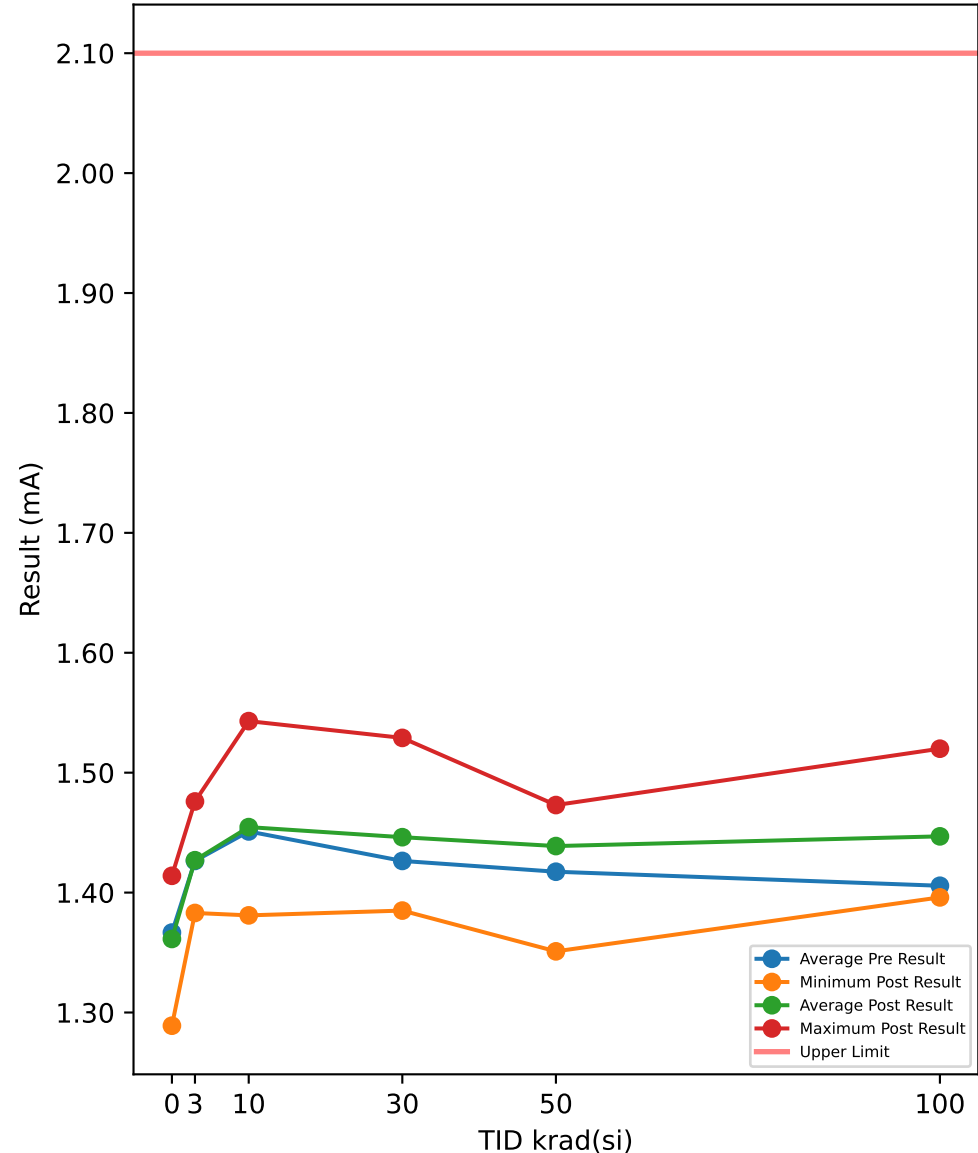
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	23.884	23.893	0.009
301	0	Correlation	23.533	23.555	0.022
302	0	Correlation	23.319	23.35	0.031
303	3	Bias	23.541	23.558	0.017
304	3	Bias	23.654	23.744	0.09
305	3	Bias	23.974	23.926	-0.048
306	3	Bias	23.881	23.925	0.044
307	3	Bias	23.432	23.358	-0.074
308	3	Unbiased	23.193	23.291	0.098
309	3	Unbiased	24.091	24.051	-0.04
310	3	Unbiased	23.936	23.898	-0.038
311	3	Unbiased	23.595	23.64	0.045
312	3	Unbiased	23.597	23.615	0.018
313	10	Bias	23.3	23.261	-0.039
314	10	Bias	23.638	23.552	-0.086
315	10	Bias	23.253	23.242	-0.011
316	10	Bias	23.712	23.784	0.072
317	10	Bias	24.002	24.004	0.002
318	10	Unbiased	23.961	23.876	-0.085
319	10	Unbiased	23.248	23.227	-0.021
320	10	Unbiased	24.05	23.269	-0.781
321	10	Unbiased	23.148	24.037	0.889
322	10	Unbiased	23.915	23.99	0.075
323	30	Bias	23.817	23.702	-0.115
324	30	Bias	23.661	23.597	-0.064
325	30	Bias	23.884	23.932	0.048
326	30	Bias	23.753	24.008	0.255
327	30	Bias	23.43	23.502	0.072
328	30	Unbiased	23.785	23.74	-0.045
329	30	Unbiased	24.5	24.438	-0.062
330	30	Unbiased	24.049	23.824	-0.225
331	30	Unbiased	23.34	23.468	0.128
332	30	Unbiased	24.143	24.29	0.147
333	50	Bias	23.273	23.403	0.13
334	50	Bias	24.021	24.018	-0.003
335	50	Bias	23.562	23.611	0.049
336	50	Bias	23.628	24.077	0.449
337	50	Bias	23.413	23.223	-0.19
338	50	Unbiased	23.058	23.305	0.247
339	50	Unbiased	23.239	23.415	0.176
340	50	Unbiased	23.454	23.508	0.054
341	50	Unbiased	23.832	23.974	0.142
342	50	Unbiased	23.694	23.748	0.054
343	100	Bias	23.68	23.902	0.222
344	100	Bias	23.392	23.393	0.001
345	100	Bias	24.39	24.263	-0.127
346	100	Bias	23.577	23.106	-0.471
347	100	Bias	23.236	23.386	0.15
348	100	Unbiased	24.174	24.582	0.408
349	100	Unbiased	24.135	23.967	-0.168
350	100	Unbiased	24.055	23.996	-0.059
351	100	Unbiased	24.219	24.523	0.304
352	100	Unbiased	23.499	23.534	0.035

Test Statistics (ms)

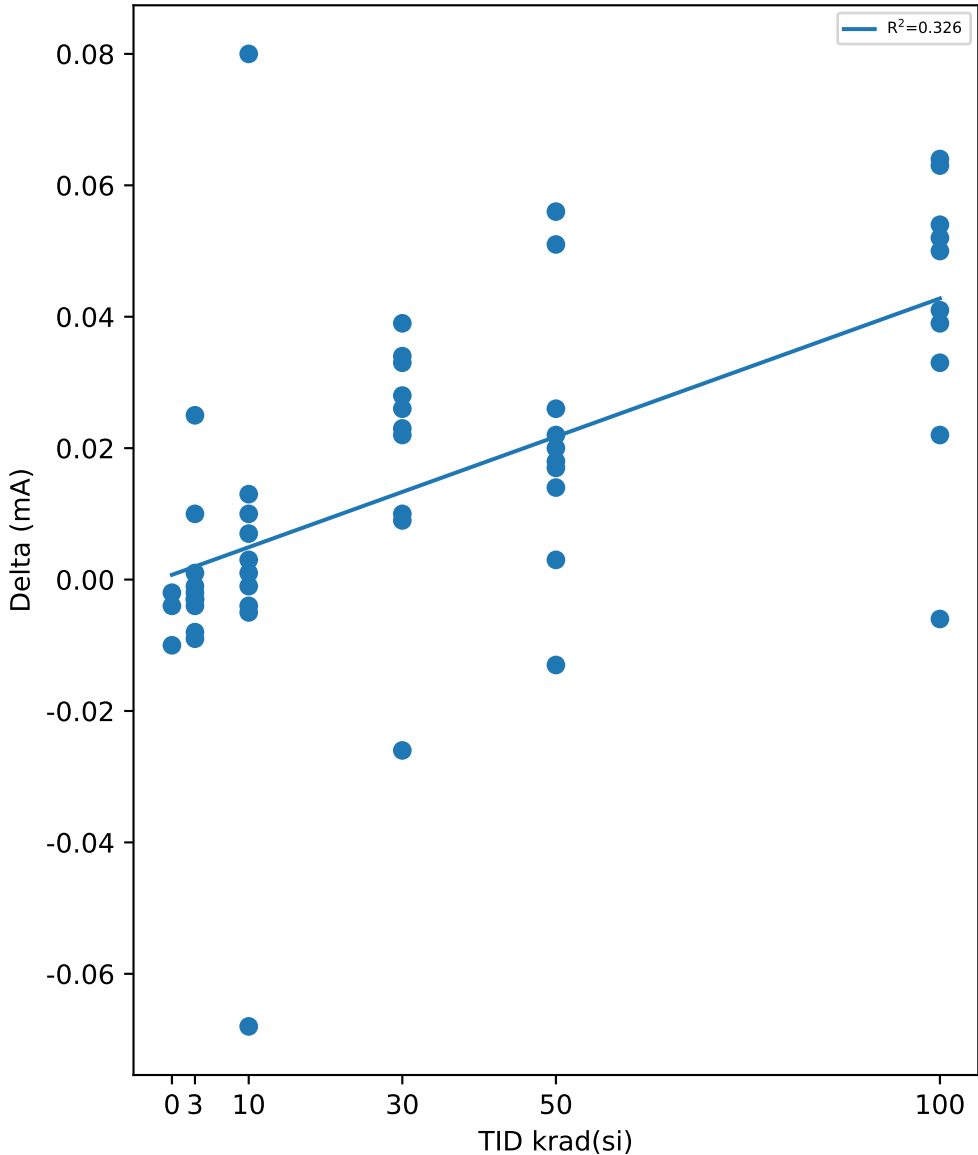
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.319	23.579	23.884	0.28525	23.35	23.599	23.893	0.2742	0.009	0.020667	0.031	0.01106
3	23.193	23.689	24.091	0.27753	23.291	23.701	24.051	0.25414	-0.074	0.0112	0.098	0.059486
10	23.148	23.623	24.05	0.35607	23.227	23.624	24.037	0.35032	-0.781	0.0015	0.889	0.3983
30	23.34	23.836	24.5	0.33898	23.468	23.85	24.438	0.32262	-0.225	0.0139	0.255	0.14236
50	23.058	23.517	24.021	0.29082	23.223	23.628	24.077	0.31035	-0.19	0.1108	0.449	0.16741
100	23.236	23.836	24.39	0.40378	23.106	23.865	24.582	0.50247	-0.471	0.0295	0.408	0.25666

Device Test: 6.0 ; ISD

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 2.1 (mA))

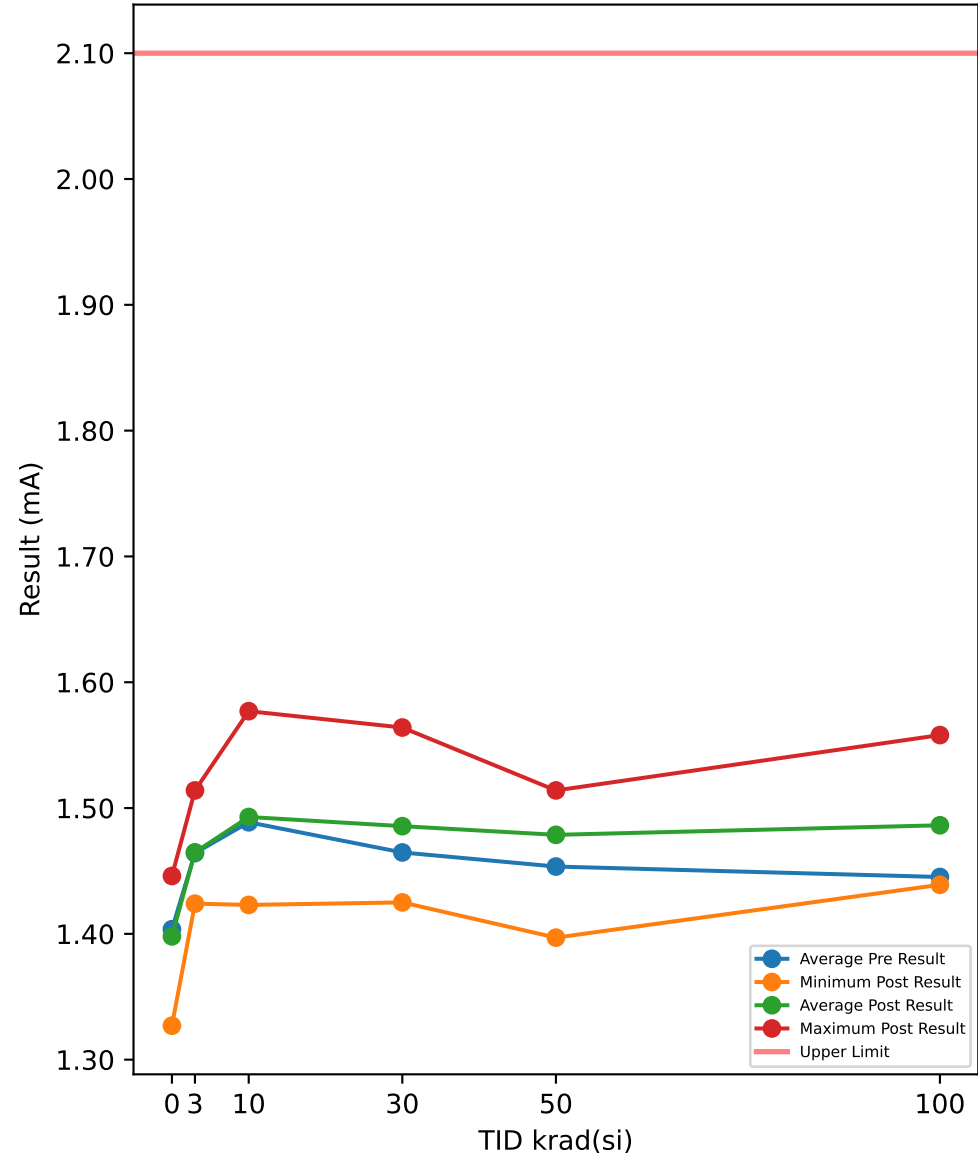
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.424	1.414	-0.01
301	0	Correlation	1.293	1.289	-0.004
302	0	Correlation	1.383	1.381	-0.002
303	3	Bias	1.396	1.421	0.025
304	3	Bias	1.453	1.444	-0.009
305	3	Bias	1.484	1.476	-0.008
306	3	Bias	1.4	1.397	-0.003
307	3	Bias	1.454	1.452	-0.002
308	3	Unbiased	1.456	1.452	-0.004
309	3	Unbiased	1.384	1.383	-0.001
310	3	Unbiased	1.412	1.413	0.001
311	3	Unbiased	1.411	1.408	-0.003
312	3	Unbiased	1.414	1.424	0.01
313	10	Bias	1.371	1.381	0.01
314	10	Bias	1.48	1.479	-0.001
315	10	Bias	1.522	1.535	0.013
316	10	Bias	1.406	1.401	-0.005
317	10	Bias	1.403	1.399	-0.004
318	10	Unbiased	1.446	1.449	0.003
319	10	Unbiased	1.536	1.543	0.007
320	10	Unbiased	1.412	1.492	0.08
321	10	Unbiased	1.486	1.418	-0.068
322	10	Unbiased	1.448	1.449	0.001
323	30	Bias	1.379	1.413	0.034
324	30	Bias	1.411	1.385	-0.026
325	30	Bias	1.471	1.493	0.022
326	30	Bias	1.506	1.529	0.023
327	30	Bias	1.451	1.46	0.009
328	30	Unbiased	1.427	1.455	0.028
329	30	Unbiased	1.371	1.41	0.039
330	30	Unbiased	1.381	1.414	0.033
331	30	Unbiased	1.398	1.424	0.026
332	30	Unbiased	1.469	1.479	0.01
333	50	Bias	1.437	1.454	0.017
334	50	Bias	1.459	1.473	0.014
335	50	Bias	1.383	1.439	0.056
336	50	Bias	1.441	1.444	0.003
337	50	Bias	1.435	1.461	0.026
338	50	Unbiased	1.412	1.434	0.022
339	50	Unbiased	1.333	1.351	0.018
340	50	Unbiased	1.417	1.468	0.051
341	50	Unbiased	1.457	1.444	-0.013
342	50	Unbiased	1.4	1.42	0.02
343	100	Bias	1.427	1.449	0.022
344	100	Bias	1.47	1.52	0.05
345	100	Bias	1.404	1.398	-0.006
346	100	Bias	1.391	1.455	0.064
347	100	Bias	1.417	1.45	0.033
348	100	Unbiased	1.389	1.452	0.063
349	100	Unbiased	1.395	1.449	0.054
350	100	Unbiased	1.366	1.405	0.039
351	100	Unbiased	1.443	1.495	0.052
352	100	Unbiased	1.355	1.396	0.041

Test Statistics (mA)

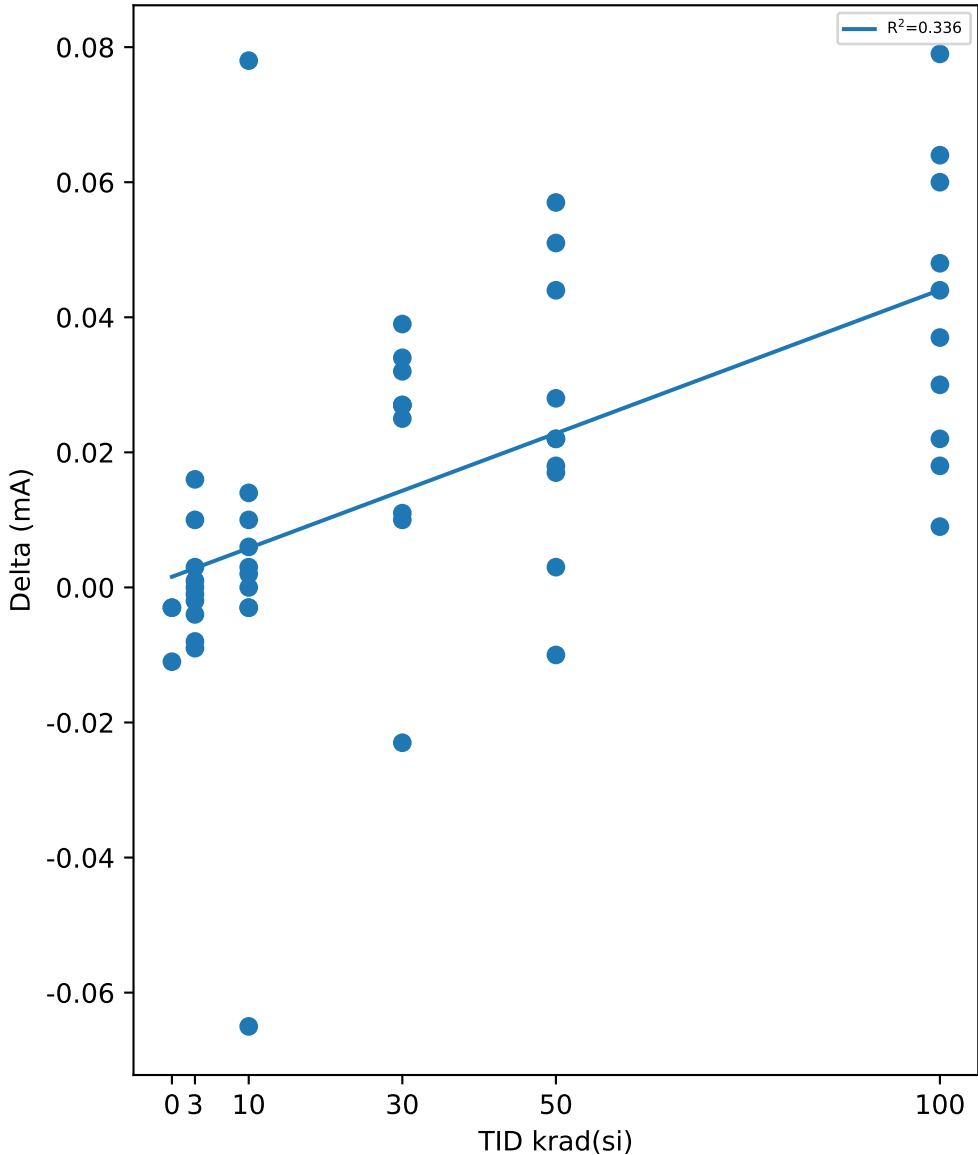
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.293	1.3667	1.424	0.06701	1.289	1.3613	1.414	0.064779	-0.01	-0.0053333	-0.002	0.0041633
3	1.384	1.4264	1.484	0.032796	1.383	1.427	1.476	0.028632	-0.009	0.0006	0.025	0.010035
10	1.371	1.451	1.536	0.054381	1.381	1.4546	1.543	0.05682	-0.068	0.0036	0.08	0.035378
30	1.371	1.4264	1.506	0.046148	1.385	1.4462	1.529	0.044818	-0.026	0.0198	0.039	0.018784
50	1.333	1.4174	1.459	0.03828	1.351	1.4388	1.473	0.034778	-0.013	0.0214	0.056	0.020288
100	1.355	1.4057	1.47	0.034747	1.396	1.4469	1.52	0.040145	-0.006	0.0412	0.064	0.021139

Device Test: 6.1 ; ISD

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 2.1 (mA))

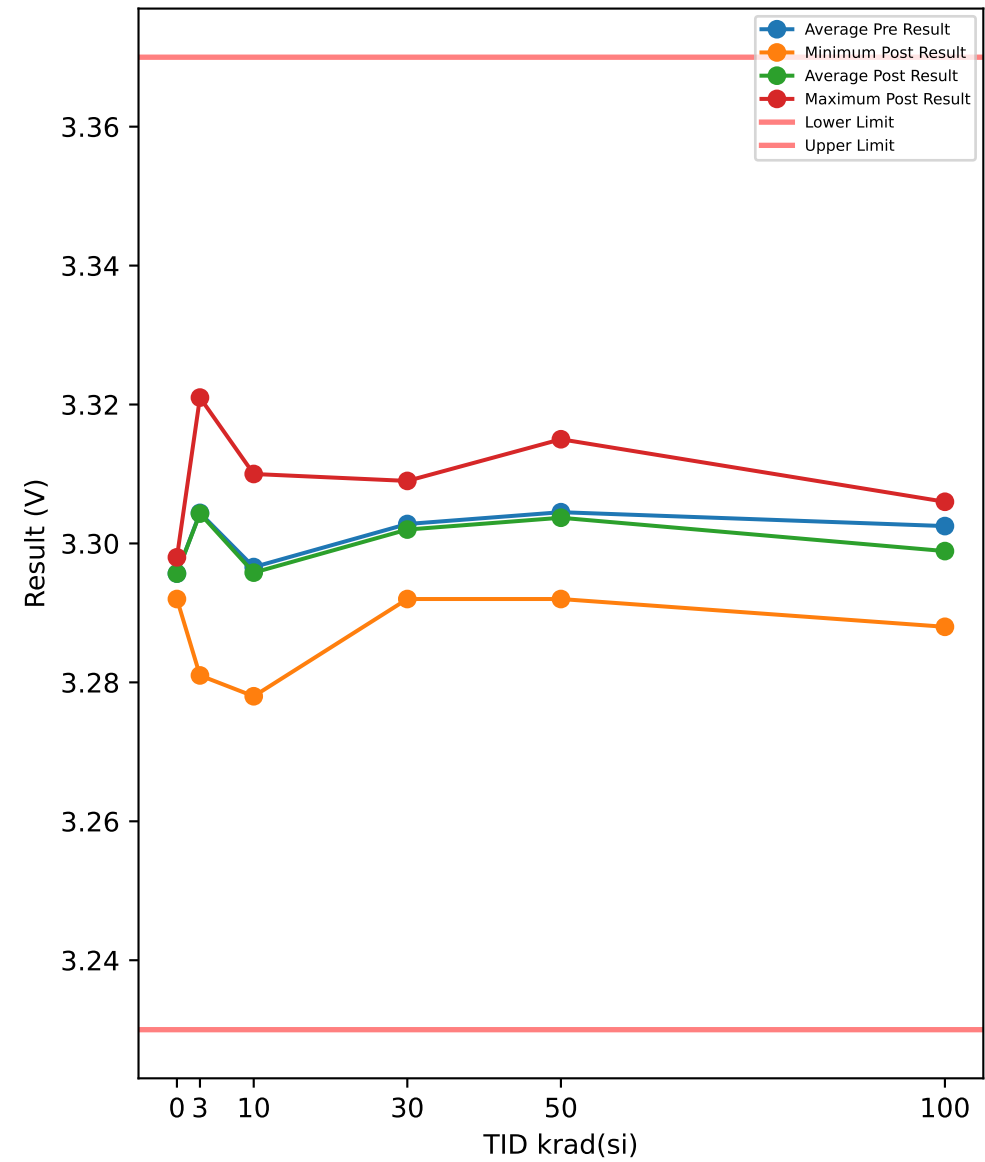
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.457	1.446	-0.011
301	0	Correlation	1.33	1.327	-0.003
302	0	Correlation	1.424	1.421	-0.003
303	3	Bias	1.453	1.456	0.003
304	3	Bias	1.487	1.478	-0.009
305	3	Bias	1.522	1.514	-0.008
306	3	Bias	1.421	1.437	0.016
307	3	Bias	1.495	1.494	-0.001
308	3	Unbiased	1.493	1.489	-0.004
309	3	Unbiased	1.424	1.424	0
310	3	Unbiased	1.452	1.453	0.001
311	3	Unbiased	1.446	1.444	-0.002
312	3	Unbiased	1.449	1.459	0.01
313	10	Bias	1.413	1.423	0.01
314	10	Bias	1.517	1.517	0
315	10	Bias	1.555	1.569	0.014
316	10	Bias	1.442	1.439	-0.003
317	10	Bias	1.446	1.443	-0.003
318	10	Unbiased	1.485	1.488	0.003
319	10	Unbiased	1.571	1.577	0.006
320	10	Unbiased	1.45	1.528	0.078
321	10	Unbiased	1.522	1.457	-0.065
322	10	Unbiased	1.486	1.488	0.002
323	30	Bias	1.422	1.456	0.034
324	30	Bias	1.448	1.425	-0.023
325	30	Bias	1.508	1.533	0.025
326	30	Bias	1.537	1.564	0.027
327	30	Bias	1.491	1.502	0.011
328	30	Unbiased	1.468	1.495	0.027
329	30	Unbiased	1.408	1.447	0.039
330	30	Unbiased	1.419	1.451	0.032
331	30	Unbiased	1.436	1.463	0.027
332	30	Unbiased	1.51	1.52	0.01
333	50	Bias	1.472	1.489	0.017
334	50	Bias	1.496	1.514	0.018
335	50	Bias	1.425	1.482	0.057
336	50	Bias	1.483	1.486	0.003
337	50	Bias	1.474	1.502	0.028
338	50	Unbiased	1.445	1.467	0.022
339	50	Unbiased	1.353	1.397	0.044
340	50	Unbiased	1.455	1.506	0.051
341	50	Unbiased	1.493	1.483	-0.01
342	50	Unbiased	1.439	1.461	0.022
343	100	Bias	1.466	1.488	0.022
344	100	Bias	1.51	1.558	0.048
345	100	Bias	1.424	1.442	0.018
346	100	Bias	1.43	1.494	0.064
347	100	Bias	1.477	1.486	0.009
348	100	Unbiased	1.43	1.49	0.06
349	100	Unbiased	1.457	1.487	0.03
350	100	Unbiased	1.408	1.445	0.037
351	100	Unbiased	1.455	1.534	0.079
352	100	Unbiased	1.395	1.439	0.044

Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.33	1.4037	1.457	0.065896	1.327	1.398	1.446	0.062746	-0.011	-0.0056667	-0.003	0.0046188
3	1.421	1.4642	1.522	0.033263	1.424	1.4648	1.514	0.028193	-0.009	0.0006	0.016	0.0076623
10	1.413	1.4887	1.571	0.051996	1.423	1.4929	1.577	0.054052	-0.065	0.0042	0.078	0.034149
30	1.408	1.4647	1.537	0.044828	1.425	1.4856	1.564	0.044323	-0.023	0.0209	0.039	0.017935
50	1.353	1.4535	1.496	0.042422	1.397	1.4787	1.514	0.033079	-0.01	0.0252	0.057	0.020842
100	1.395	1.4452	1.51	0.03447	1.439	1.4863	1.558	0.038583	0.009	0.0411	0.079	0.022218

Device Test: 6.10 ; VLDO_REG

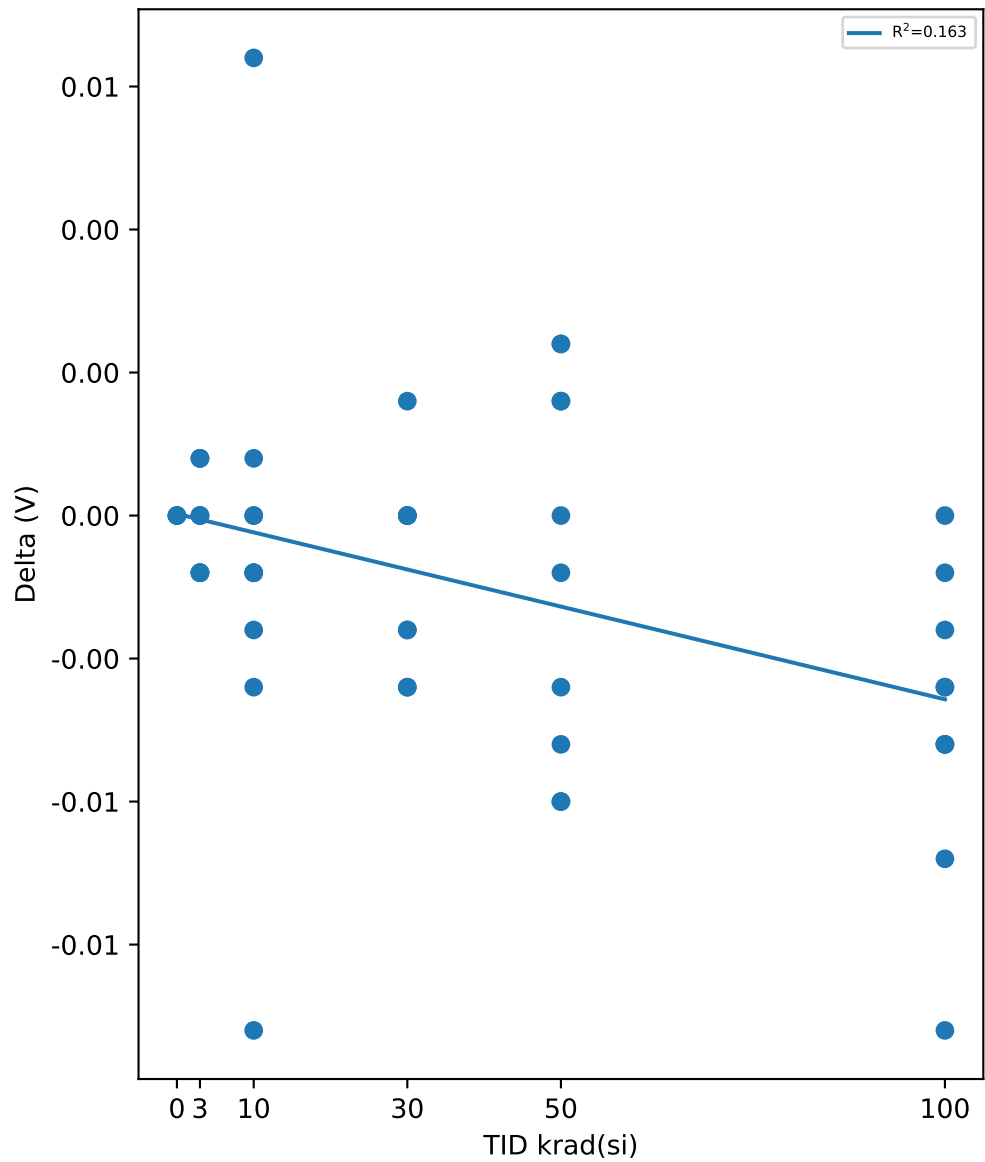
TID vs Result Stats



Test Results (Lower Limit = 3.23, Upper Limit = 3.37 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	3.298	3.298	0
301	0	Correlation	3.292	3.292	0
302	0	Correlation	3.297	3.297	0
303	3	Bias	3.28	3.281	0.001
304	3	Bias	3.302	3.301	-0.001
305	3	Bias	3.305	3.305	0
306	3	Bias	3.297	3.297	0
307	3	Bias	3.322	3.321	-0.001
308	3	Unbiased	3.319	3.32	0.001
309	3	Unbiased	3.301	3.302	0.001
310	3	Unbiased	3.313	3.312	-0.001
311	3	Unbiased	3.293	3.293	0
312	3	Unbiased	3.312	3.311	-0.001
313	10	Bias	3.307	3.307	0
314	10	Bias	3.302	3.299	-0.003
315	10	Bias	3.294	3.294	0
316	10	Bias	3.299	3.3	0.001
317	10	Bias	3.298	3.297	-0.001
318	10	Unbiased	3.312	3.31	-0.002
319	10	Unbiased	3.294	3.293	-0.001
320	10	Unbiased	3.287	3.278	-0.009
321	10	Unbiased	3.278	3.286	0.008
322	10	Unbiased	3.295	3.294	-0.001
323	30	Bias	3.304	3.302	-0.002
324	30	Bias	3.3	3.297	-0.003
325	30	Bias	3.304	3.304	0
326	30	Bias	3.292	3.292	0
327	30	Bias	3.306	3.306	0
328	30	Unbiased	3.312	3.309	-0.003
329	30	Unbiased	3.304	3.304	0
330	30	Unbiased	3.302	3.304	0.002
331	30	Unbiased	3.309	3.307	-0.002
332	30	Unbiased	3.295	3.295	0
333	50	Bias	3.297	3.292	-0.005
334	50	Bias	3.298	3.298	0
335	50	Bias	3.3	3.299	-0.001
336	50	Bias	3.311	3.313	0.002
337	50	Bias	3.306	3.303	-0.003
338	50	Unbiased	3.302	3.305	0.003
339	50	Unbiased	3.319	3.315	-0.004
340	50	Unbiased	3.31	3.313	0.003
341	50	Unbiased	3.302	3.297	-0.005
342	50	Unbiased	3.3	3.302	0.002
343	100	Bias	3.309	3.306	-0.003
344	100	Bias	3.303	3.3	-0.003
345	100	Bias	3.305	3.301	-0.004
346	100	Bias	3.297	3.288	-0.009
347	100	Bias	3.292	3.288	-0.004
348	100	Unbiased	3.303	3.302	-0.001
349	100	Unbiased	3.303	3.297	-0.006
350	100	Unbiased	3.301	3.299	-0.002
351	100	Unbiased	3.309	3.305	-0.004
352	100	Unbiased	3.303	3.303	0

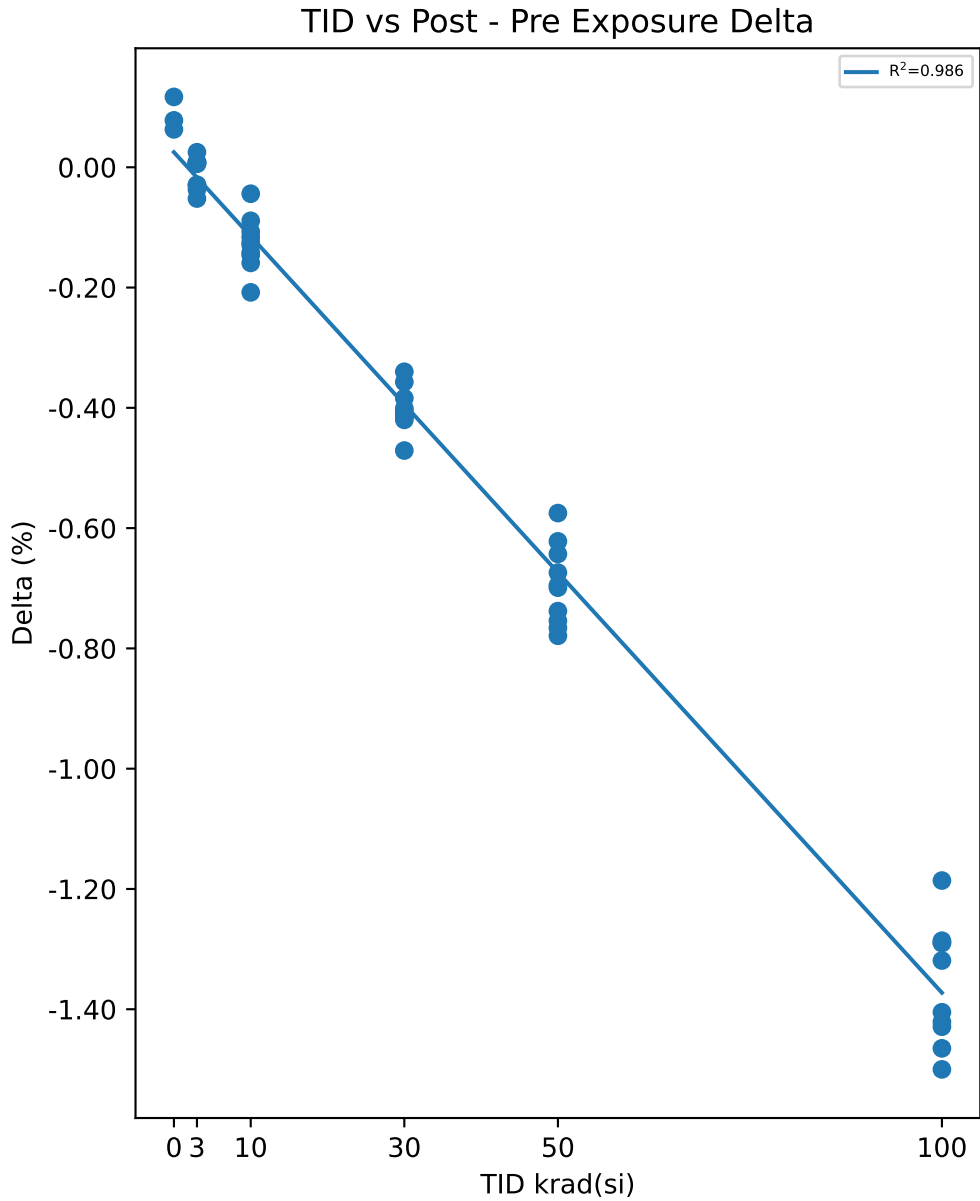
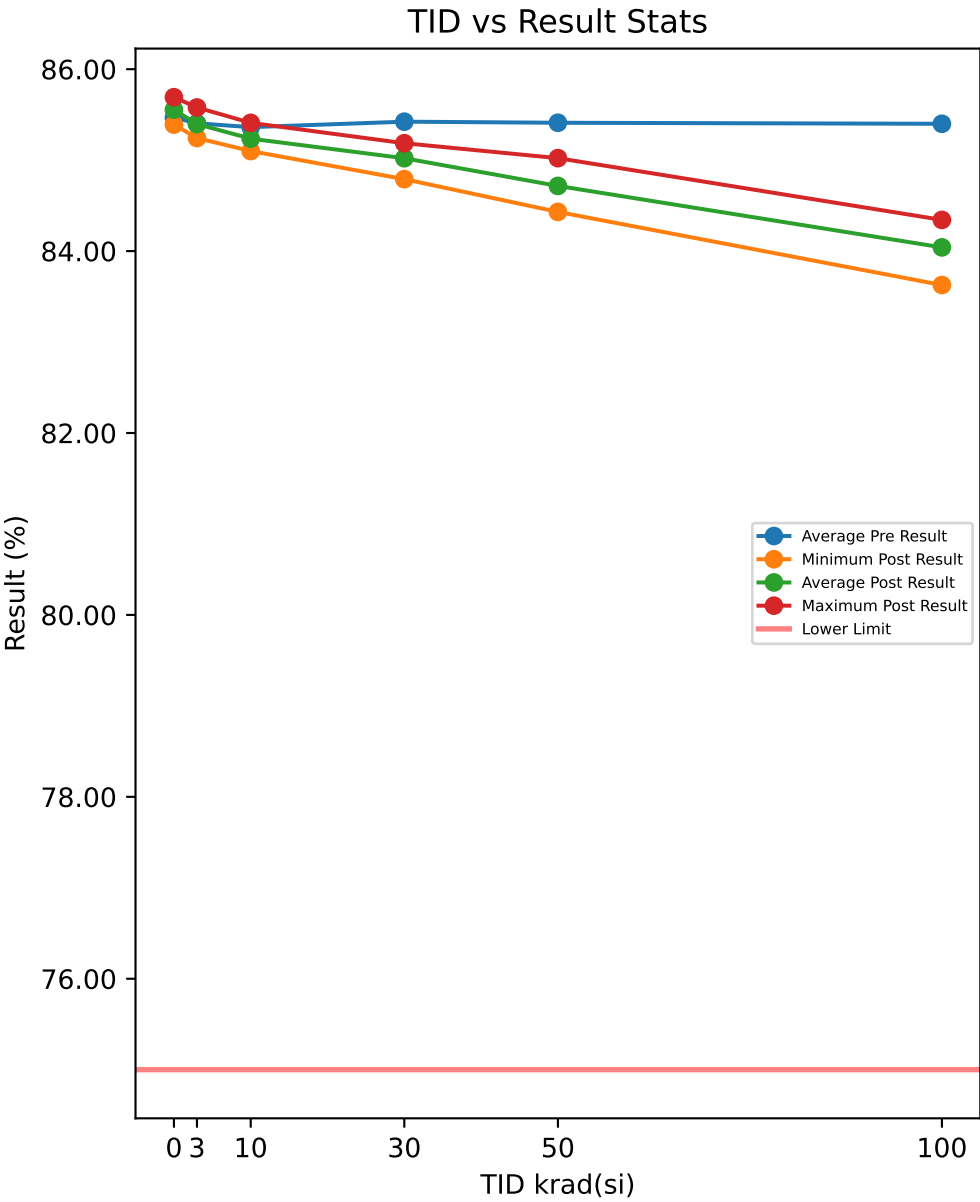
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.292	3.2957	3.298	0.0032146	3.292	3.2957	3.298	0.0032146	0	0	0	0
3	3.28	3.3044	3.322	0.012703	3.281	3.3043	3.321	0.012338	-0.001	-0.0001	0.001	0.0008756
10	3.278	3.2966	3.312	0.0096402	3.278	3.2958	3.31	0.009331	-0.009	-0.0008	0.008	0.004158
30	3.292	3.3028	3.312	0.0059963	3.292	3.302	3.309	0.0055377	-0.003	-0.0008	0.002	0.0016193
50	3.297	3.3045	3.319	0.0069642	3.292	3.3037	3.315	0.007761	-0.005	-0.0008	0.003	0.0032592
100	3.292	3.3025	3.309	0.0051045	3.288	3.2989	3.306	0.0063325	-0.009	-0.0036	0	0.0025473

Device Test: 6.100; VOH_PWRGD_10MA

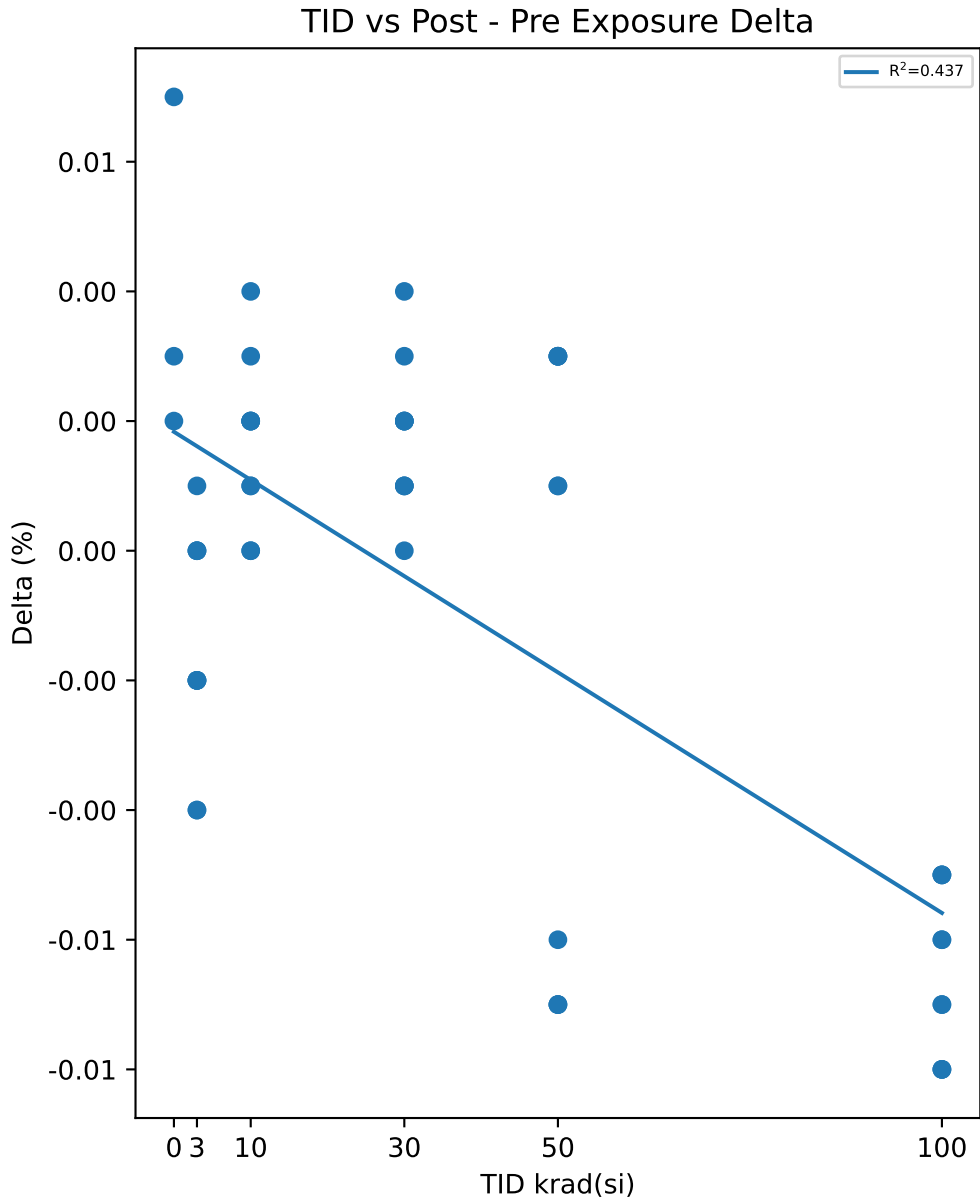
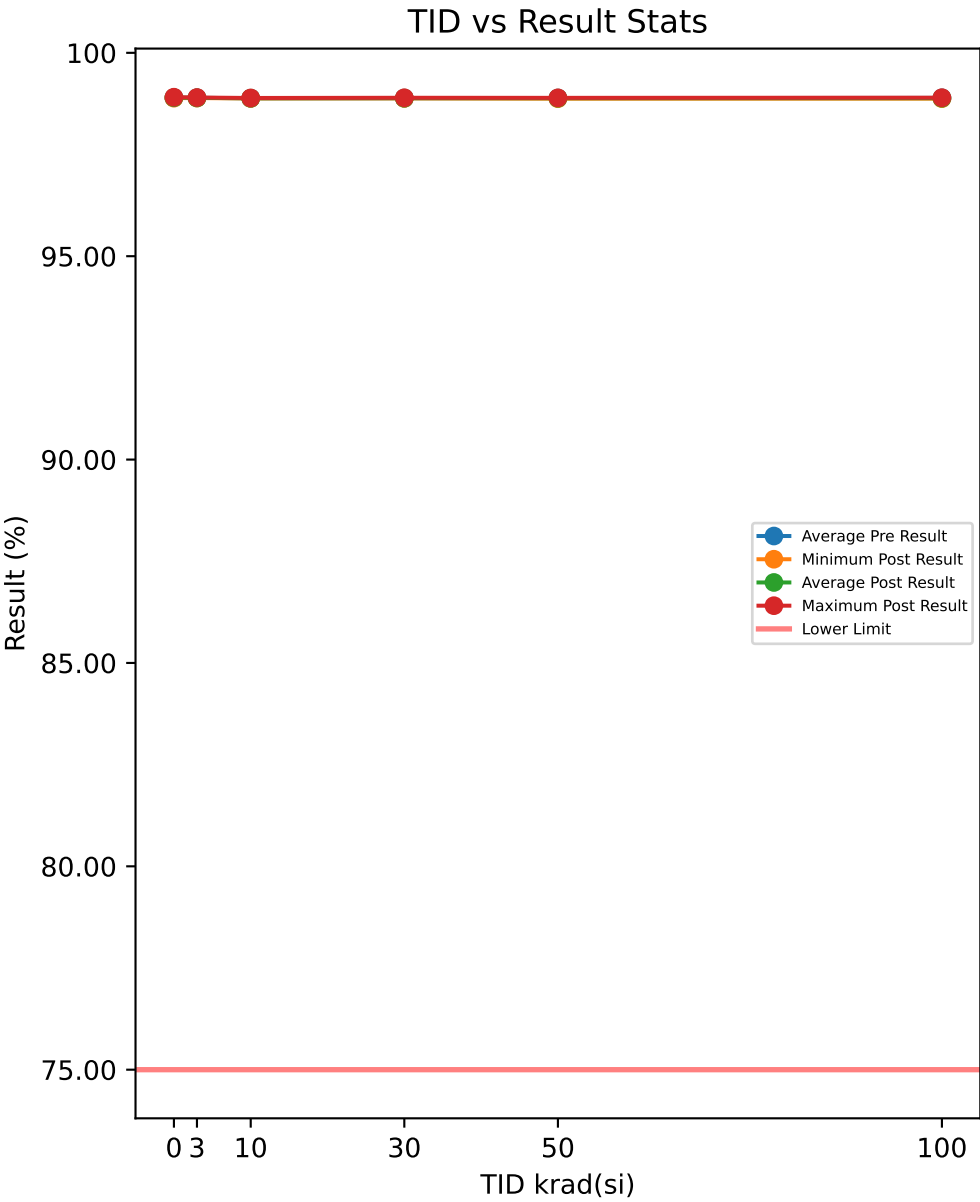


Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	85.464	85.581	0.117
301	0	Correlation	85.614	85.692	0.078
302	0	Correlation	85.328	85.391	0.063
303	3	Bias	85.261	85.286	0.025
304	3	Bias	85.296	85.302	0.006
305	3	Bias	85.486	85.495	0.009
306	3	Bias	85.435	85.443	0.008
307	3	Bias	85.235	85.243	0.008
308	3	Unbiased	85.399	85.405	0.006
309	3	Unbiased	85.383	85.346	-0.037
310	3	Unbiased	85.356	85.304	-0.052
311	3	Unbiased	85.609	85.579	-0.03
312	3	Unbiased	85.59	85.561	-0.029
313	10	Bias	85.469	85.344	-0.125
314	10	Bias	85.434	85.305	-0.129
315	10	Bias	85.259	85.1	-0.159
316	10	Bias	85.552	85.41	-0.142
317	10	Bias	85.327	85.181	-0.146
318	10	Unbiased	85.367	85.26	-0.107
319	10	Unbiased	85.33	85.241	-0.089
320	10	Unbiased	85.265	85.221	-0.044
321	10	Unbiased	85.348	85.14	-0.208
322	10	Unbiased	85.276	85.16	-0.116
323	30	Bias	85.386	84.982	-0.404
324	30	Bias	85.526	85.142	-0.384
325	30	Bias	85.262	84.791	-0.471
326	30	Bias	85.55	85.139	-0.411
327	30	Bias	85.418	85.004	-0.414
328	30	Unbiased	85.436	85.079	-0.357
329	30	Unbiased	85.412	85.072	-0.34
330	30	Unbiased	85.587	85.186	-0.401
331	30	Unbiased	85.369	84.953	-0.416
332	30	Unbiased	85.282	84.862	-0.42
333	50	Bias	85.644	85.022	-0.622
334	50	Bias	85.264	84.59	-0.674
335	50	Bias	85.301	84.522	-0.779
336	50	Bias	85.409	84.643	-0.766
337	50	Bias	85.185	84.431	-0.754
338	50	Unbiased	85.576	85.001	-0.575
339	50	Unbiased	85.476	84.833	-0.643
340	50	Unbiased	85.342	84.604	-0.738
341	50	Unbiased	85.515	84.82	-0.695
342	50	Unbiased	85.398	84.699	-0.699
343	100	Bias	85.475	84.189	-1.286
344	100	Bias	85.427	84.138	-1.289
345	100	Bias	85.491	84.062	-1.429
346	100	Bias	85.127	83.627	-1.5
347	100	Bias	85.363	83.958	-1.405
348	100	Unbiased	85.327	84.037	-1.29
349	100	Unbiased	85.492	84.306	-1.186
350	100	Unbiased	85.388	83.967	-1.421
351	100	Unbiased	85.246	83.781	-1.465
352	100	Unbiased	85.662	84.343	-1.319

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	85.328	85.469	85.614	0.14306	85.391	85.555	85.692	0.15222	0.063	0.086	0.117	0.027875
3	85.235	85.405	85.609	0.12812	85.243	85.396	85.579	0.11931	-0.052	-0.0086	0.025	0.025778
10	85.259	85.363	85.552	0.095808	85.1	85.236	85.41	0.096632	-0.208	-0.1265	-0.044	0.0435
30	85.262	85.423	85.587	0.10752	84.791	85.021	85.186	0.12753	-0.471	-0.4018	-0.34	0.036061
50	85.185	85.411	85.644	0.14386	84.431	84.716	85.022	0.19784	-0.779	-0.6945	-0.575	0.066928
100	85.127	85.4	85.662	0.14788	83.627	84.041	84.343	0.22225	-1.5	-1.359	-1.186	0.099161

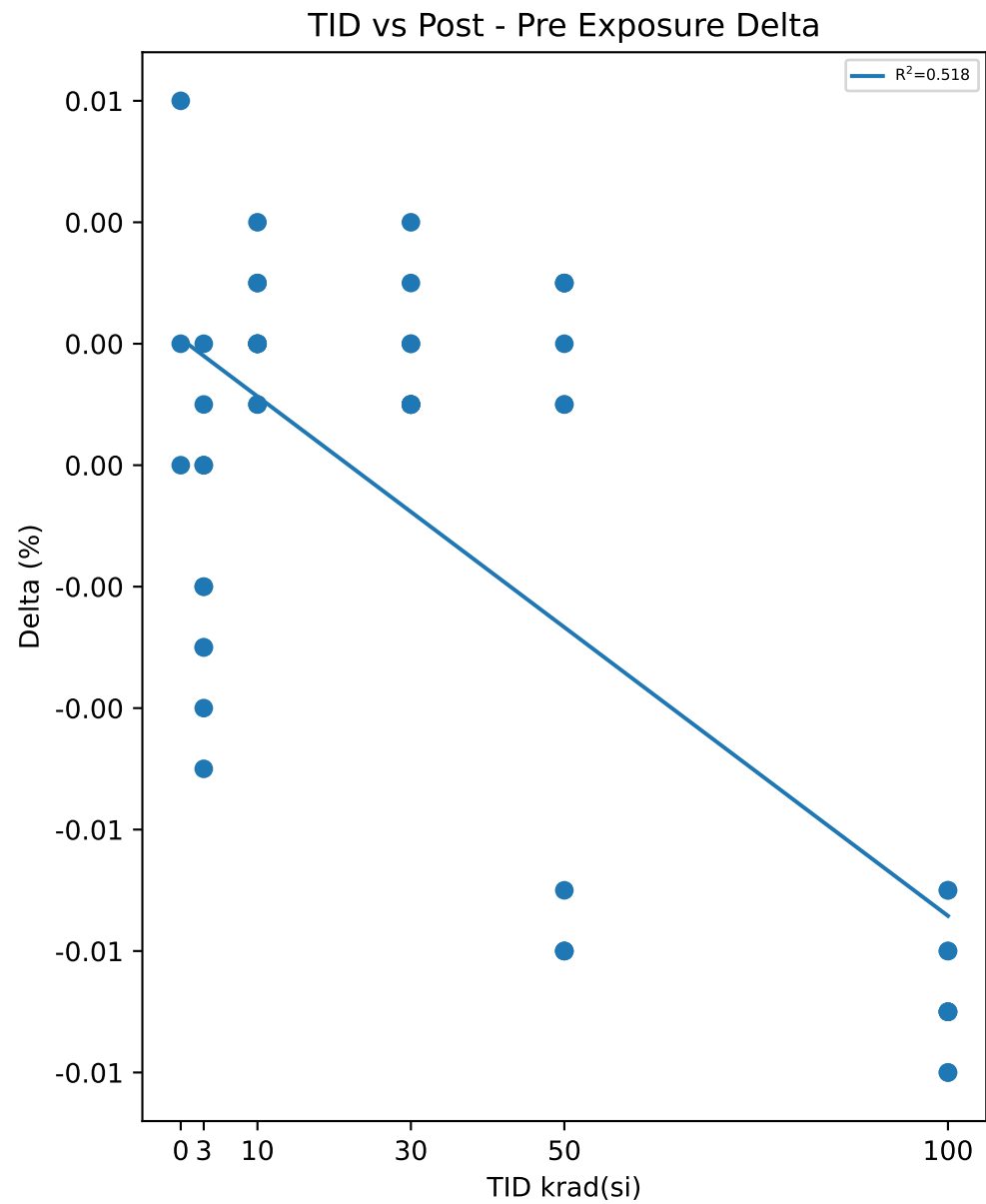
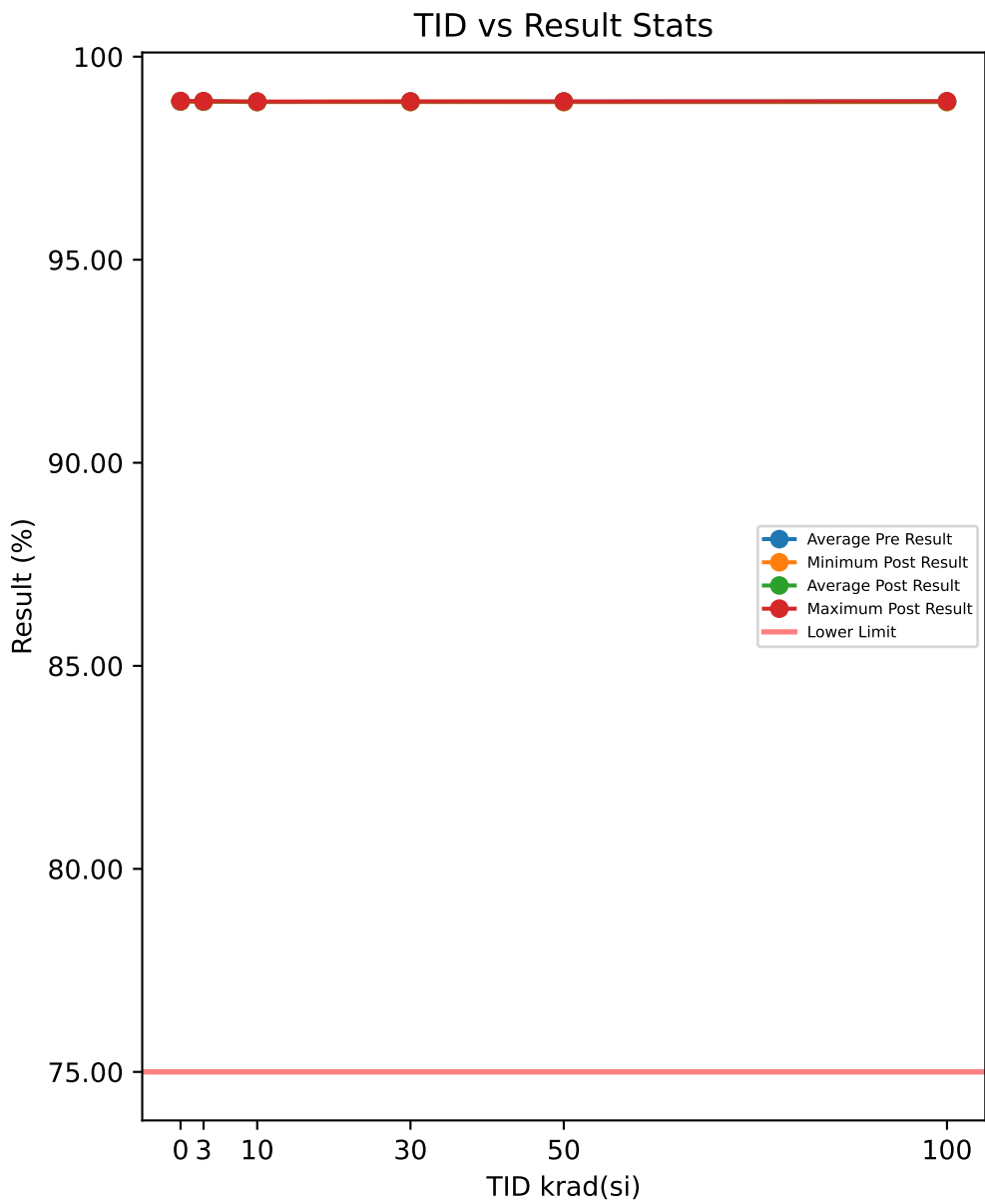
Device Test: 6.101; VOH_RESET_10MA



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.893	98.9	0.007
301	0	Correlation	98.906	98.909	0.003
302	0	Correlation	98.884	98.886	0.002
303	3	Bias	98.899	98.897	-0.002
304	3	Bias	98.891	98.889	-0.002
305	3	Bias	98.892	98.89	-0.002
306	3	Bias	98.895	98.891	-0.004
307	3	Bias	98.89	98.888	-0.002
308	3	Unbiased	98.893	98.889	-0.004
309	3	Unbiased	98.89	98.89	0
310	3	Unbiased	98.889	98.889	0
311	3	Unbiased	98.9	98.901	0.001
312	3	Unbiased	98.9	98.9	0
313	10	Bias	98.885	98.886	0.001
314	10	Bias	98.88	98.882	0.002
315	10	Bias	98.876	98.878	0.002
316	10	Bias	98.882	98.883	0.001
317	10	Bias	98.879	98.881	0.002
318	10	Unbiased	98.885	98.885	0
319	10	Unbiased	98.888	98.89	0.002
320	10	Unbiased	98.884	98.888	0.004
321	10	Unbiased	98.885	98.885	0
322	10	Unbiased	98.884	98.887	0.003
323	30	Bias	98.883	98.885	0.002
324	30	Bias	98.884	98.886	0.002
325	30	Bias	98.876	98.879	0.003
326	30	Bias	98.891	98.895	0.004
327	30	Bias	98.884	98.886	0.002
328	30	Unbiased	98.886	98.887	0.001
329	30	Unbiased	98.885	98.887	0.002
330	30	Unbiased	98.883	98.884	0.001
331	30	Unbiased	98.887	98.888	0.001
332	30	Unbiased	98.885	98.885	0
333	50	Bias	98.884	98.887	0.003
334	50	Bias	98.875	98.878	0.003
335	50	Bias	98.891	98.892	0.001
336	50	Bias	98.891	98.892	0.001
337	50	Bias	98.869	98.872	0.003
338	50	Unbiased	98.886	98.889	0.003
339	50	Unbiased	98.894	98.887	-0.007
340	50	Unbiased	98.887	98.88	-0.007
341	50	Unbiased	98.899	98.893	-0.006
342	50	Unbiased	98.891	98.884	-0.007
343	100	Bias	98.895	98.888	-0.007
344	100	Bias	98.89	98.885	-0.005
345	100	Bias	98.896	98.89	-0.006
346	100	Bias	98.883	98.878	-0.005
347	100	Bias	98.888	98.883	-0.005
348	100	Unbiased	98.896	98.888	-0.008
349	100	Unbiased	98.889	98.881	-0.008
350	100	Unbiased	98.894	98.888	-0.006
351	100	Unbiased	98.881	98.873	-0.008
352	100	Unbiased	98.904	98.897	-0.007

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.884	98.894	98.906	0.01106	98.886	98.898	98.909	0.01159	0.002	0.004	0.007	0.0026458
3	98.889	98.894	98.9	0.0043321	98.888	98.892	98.901	0.0049486	-0.004	-0.0015	0.001	0.0017159
10	98.876	98.883	98.888	0.0035528	98.878	98.885	98.89	0.0035668	0	0.0017	0.004	0.0012517
30	98.876	98.884	98.891	0.0037771	98.879	98.886	98.895	0.0039665	0	0.0018	0.004	0.0011353
50	98.869	98.887	98.899	0.0089325	98.872	98.885	98.893	0.0068993	-0.007	-0.0013	0.003	0.0047621
100	98.881	98.892	98.904	0.0068183	98.873	98.885	98.897	0.0067404	-0.008	-0.0065	-0.005	0.0012693

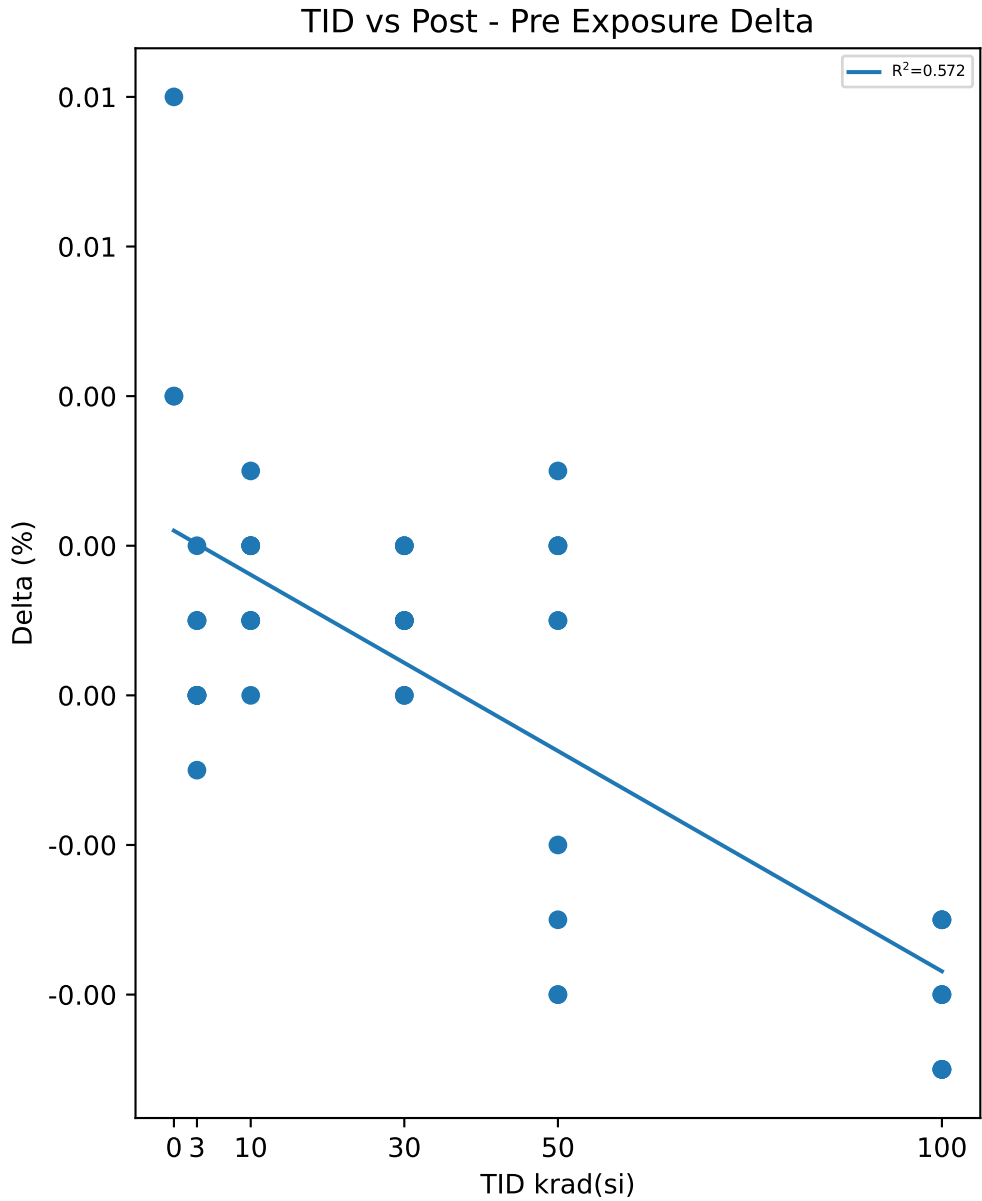
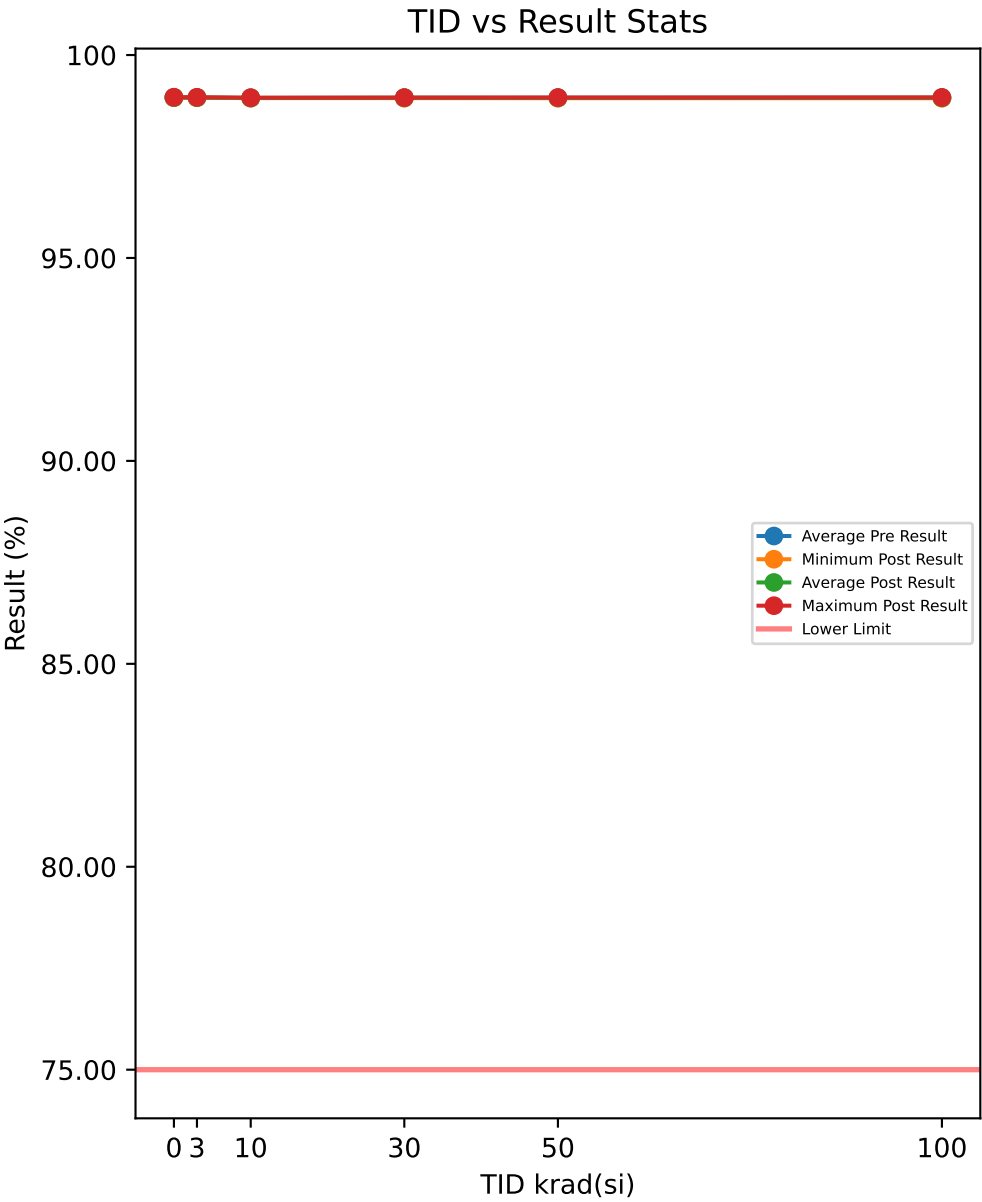
Device Test: 6.102; VOH_RESET_10MA



Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.897	98.903	0.006
301	0	Correlation	98.906	98.908	0.002
302	0	Correlation	98.894	98.894	0
303	3	Bias	98.902	98.9	-0.002
304	3	Bias	98.894	98.891	-0.003
305	3	Bias	98.897	98.894	-0.003
306	3	Bias	98.901	98.896	-0.005
307	3	Bias	98.896	98.894	-0.002
308	3	Unbiased	98.899	98.895	-0.004
309	3	Unbiased	98.895	98.895	0
310	3	Unbiased	98.893	98.893	0
311	3	Unbiased	98.904	98.906	0.002
312	3	Unbiased	98.903	98.904	0.001
313	10	Bias	98.889	98.891	0.002
314	10	Bias	98.886	98.888	0.002
315	10	Bias	98.882	98.883	0.001
316	10	Bias	98.886	98.888	0.002
317	10	Bias	98.886	98.888	0.002
318	10	Unbiased	98.893	98.895	0.002
319	10	Unbiased	98.886	98.889	0.003
320	10	Unbiased	98.89	98.894	0.004
321	10	Unbiased	98.891	98.892	0.001
322	10	Unbiased	98.884	98.887	0.003
323	30	Bias	98.892	98.893	0.001
324	30	Bias	98.888	98.889	0.001
325	30	Bias	98.885	98.888	0.003
326	30	Bias	98.895	98.899	0.004
327	30	Bias	98.882	98.883	0.001
328	30	Unbiased	98.892	98.893	0.001
329	30	Unbiased	98.888	98.89	0.002
330	30	Unbiased	98.889	98.891	0.002
331	30	Unbiased	98.895	98.896	0.001
332	30	Unbiased	98.892	98.893	0.001
333	50	Bias	98.892	98.895	0.003
334	50	Bias	98.886	98.888	0.002
335	50	Bias	98.896	98.897	0.001
336	50	Bias	98.895	98.896	0.001
337	50	Bias	98.878	98.881	0.003
338	50	Unbiased	98.894	98.897	0.003
339	50	Unbiased	98.899	98.891	-0.008
340	50	Unbiased	98.9	98.892	-0.008
341	50	Unbiased	98.9	98.893	-0.007
342	50	Unbiased	98.895	98.887	-0.008
343	100	Bias	98.904	98.895	-0.009
344	100	Bias	98.901	98.893	-0.008
345	100	Bias	98.901	98.892	-0.009
346	100	Bias	98.891	98.882	-0.009
347	100	Bias	98.898	98.891	-0.007
348	100	Unbiased	98.903	98.894	-0.009
349	100	Unbiased	98.897	98.887	-0.01
350	100	Unbiased	98.9	98.893	-0.007
351	100	Unbiased	98.894	98.884	-0.01
352	100	Unbiased	98.91	98.902	-0.008

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.894	98.899	98.906	0.006245	98.894	98.902	98.908	0.0070946	0	0.0026667	0.006	0.0030551
3	98.893	98.898	98.904	0.0039497	98.891	98.897	98.906	0.0049171	-0.005	-0.0016	0.002	0.0022706
10	98.882	98.887	98.893	0.0033682	98.883	98.889	98.895	0.0035668	0.001	0.0022	0.004	0.00091894
30	98.882	98.89	98.895	0.0042111	98.883	98.891	98.899	0.0044284	0.001	0.0017	0.004	0.0010593
50	98.878	98.893	98.9	0.0068678	98.881	98.892	98.897	0.0051435	-0.008	-0.0018	0.003	0.0051812
100	98.891	98.9	98.91	0.0053427	98.882	98.891	98.902	0.0057745	-0.01	-0.0086	-0.007	0.001075

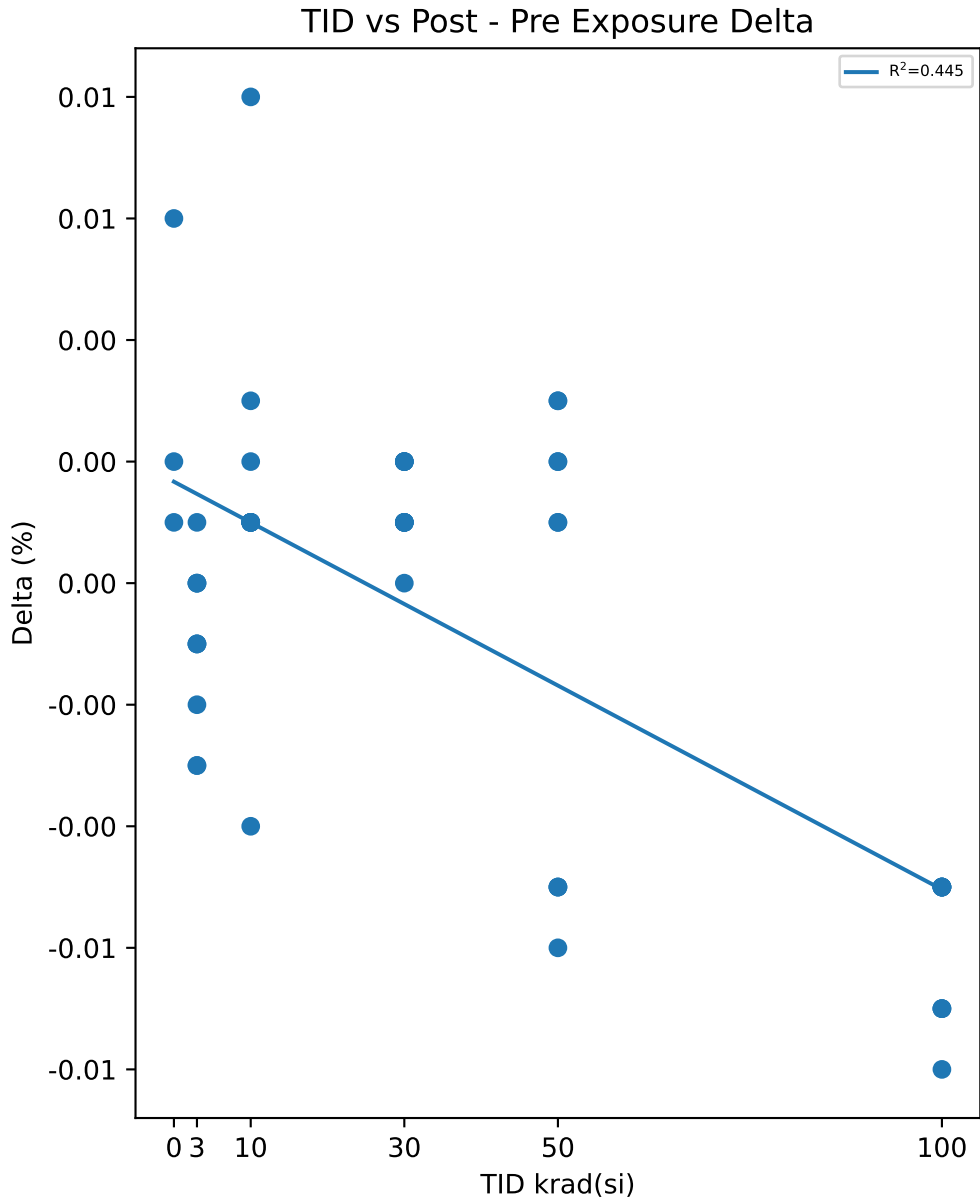
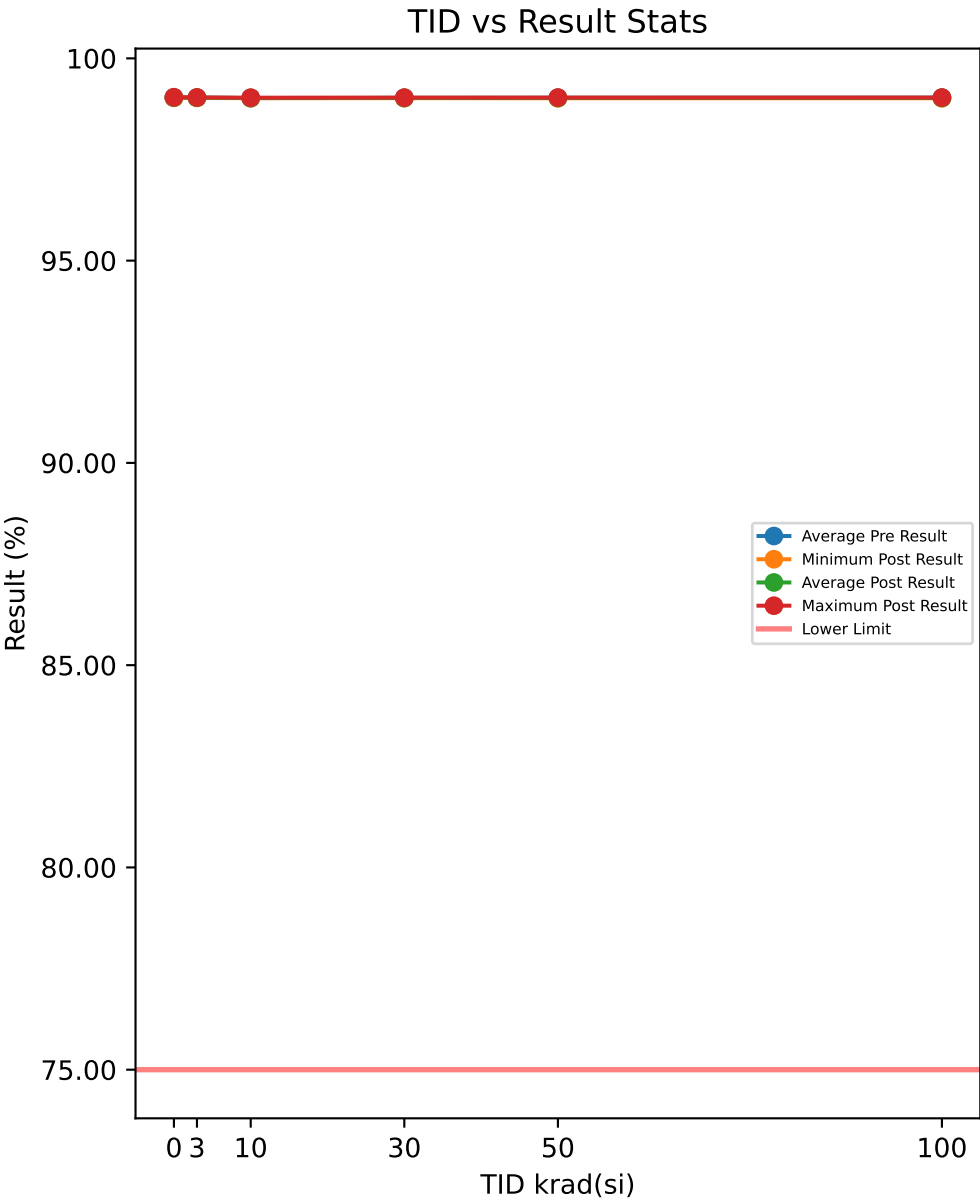
Device Test: 6.103; VOH_RESET_10MA



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.95	98.958	0.008
301	0	Correlation	98.957	98.961	0.004
302	0	Correlation	98.945	98.949	0.004
303	3	Bias	98.957	98.959	0.002
304	3	Bias	98.948	98.948	0
305	3	Bias	98.953	98.954	0.001
306	3	Bias	98.948	98.948	0
307	3	Bias	98.951	98.952	0.001
308	3	Unbiased	98.95	98.95	0
309	3	Unbiased	98.948	98.948	0
310	3	Unbiased	98.948	98.947	-0.001
311	3	Unbiased	98.956	98.957	0.001
312	3	Unbiased	98.957	98.957	0
313	10	Bias	98.945	98.945	0
314	10	Bias	98.943	98.944	0.001
315	10	Bias	98.937	98.938	0.001
316	10	Bias	98.939	98.941	0.002
317	10	Bias	98.941	98.942	0.001
318	10	Unbiased	98.949	98.95	0.001
319	10	Unbiased	98.941	98.943	0.002
320	10	Unbiased	98.94	98.942	0.002
321	10	Unbiased	98.94	98.942	0.002
322	10	Unbiased	98.938	98.941	0.003
323	30	Bias	98.949	98.95	0.001
324	30	Bias	98.94	98.942	0.002
325	30	Bias	98.94	98.942	0.002
326	30	Bias	98.95	98.952	0.002
327	30	Bias	98.937	98.938	0.001
328	30	Unbiased	98.948	98.948	0
329	30	Unbiased	98.946	98.947	0.001
330	30	Unbiased	98.948	98.949	0.001
331	30	Unbiased	98.947	98.948	0.001
332	30	Unbiased	98.947	98.947	0
333	50	Bias	98.947	98.95	0.003
334	50	Bias	98.938	98.94	0.002
335	50	Bias	98.947	98.948	0.001
336	50	Bias	98.952	98.953	0.001
337	50	Bias	98.934	98.936	0.002
338	50	Unbiased	98.945	98.947	0.002
339	50	Unbiased	98.95	98.946	-0.004
340	50	Unbiased	98.95	98.946	-0.004
341	50	Unbiased	98.955	98.952	-0.003
342	50	Unbiased	98.942	98.94	-0.002
343	100	Bias	98.954	98.95	-0.004
344	100	Bias	98.949	98.946	-0.003
345	100	Bias	98.953	98.948	-0.005
346	100	Bias	98.94	98.936	-0.004
347	100	Bias	98.948	98.945	-0.003
348	100	Unbiased	98.954	98.95	-0.004
349	100	Unbiased	98.942	98.937	-0.005
350	100	Unbiased	98.949	98.946	-0.003
351	100	Unbiased	98.94	98.935	-0.005
352	100	Unbiased	98.961	98.956	-0.005

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.945	98.951	98.957	0.0060277	98.949	98.956	98.961	0.006245	0.004	0.0053333	0.008	0.0023094
3	98.948	98.952	98.957	0.0038644	98.947	98.952	98.959	0.0044721	-0.001	0.0004	0.002	0.00084327
10	98.937	98.941	98.949	0.0035606	98.938	98.943	98.95	0.0031552	0	0.0015	0.003	0.00084984
30	98.937	98.945	98.95	0.004492	98.938	98.946	98.952	0.004296	0	0.0011	0.002	0.00073786
50	98.934	98.946	98.955	0.0064636	98.936	98.946	98.953	0.0055538	-0.004	-0.0002	0.003	0.0027406
100	98.94	98.949	98.961	0.0068475	98.935	98.945	98.956	0.0068872	-0.005	-0.0041	-0.003	0.0008756

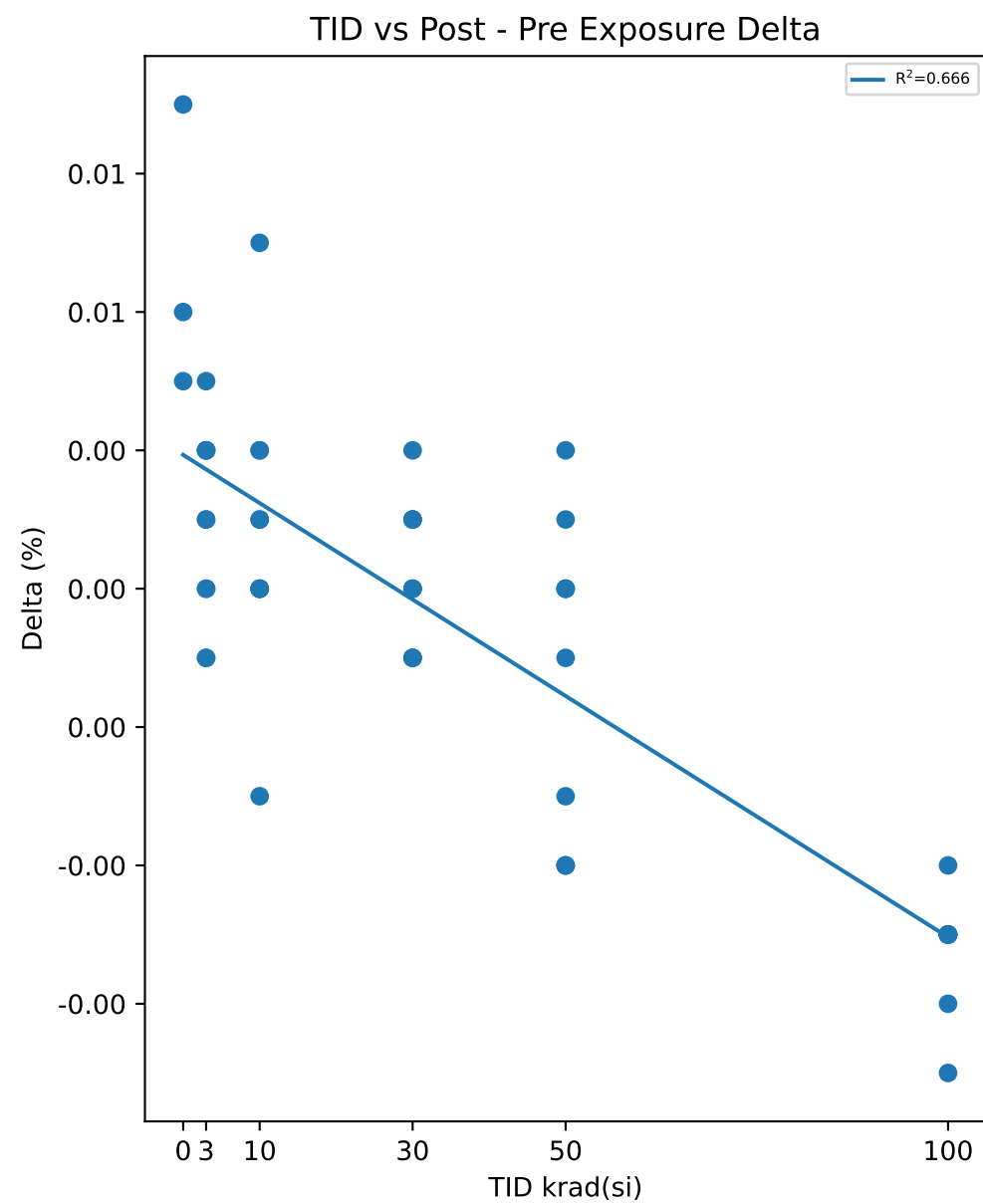
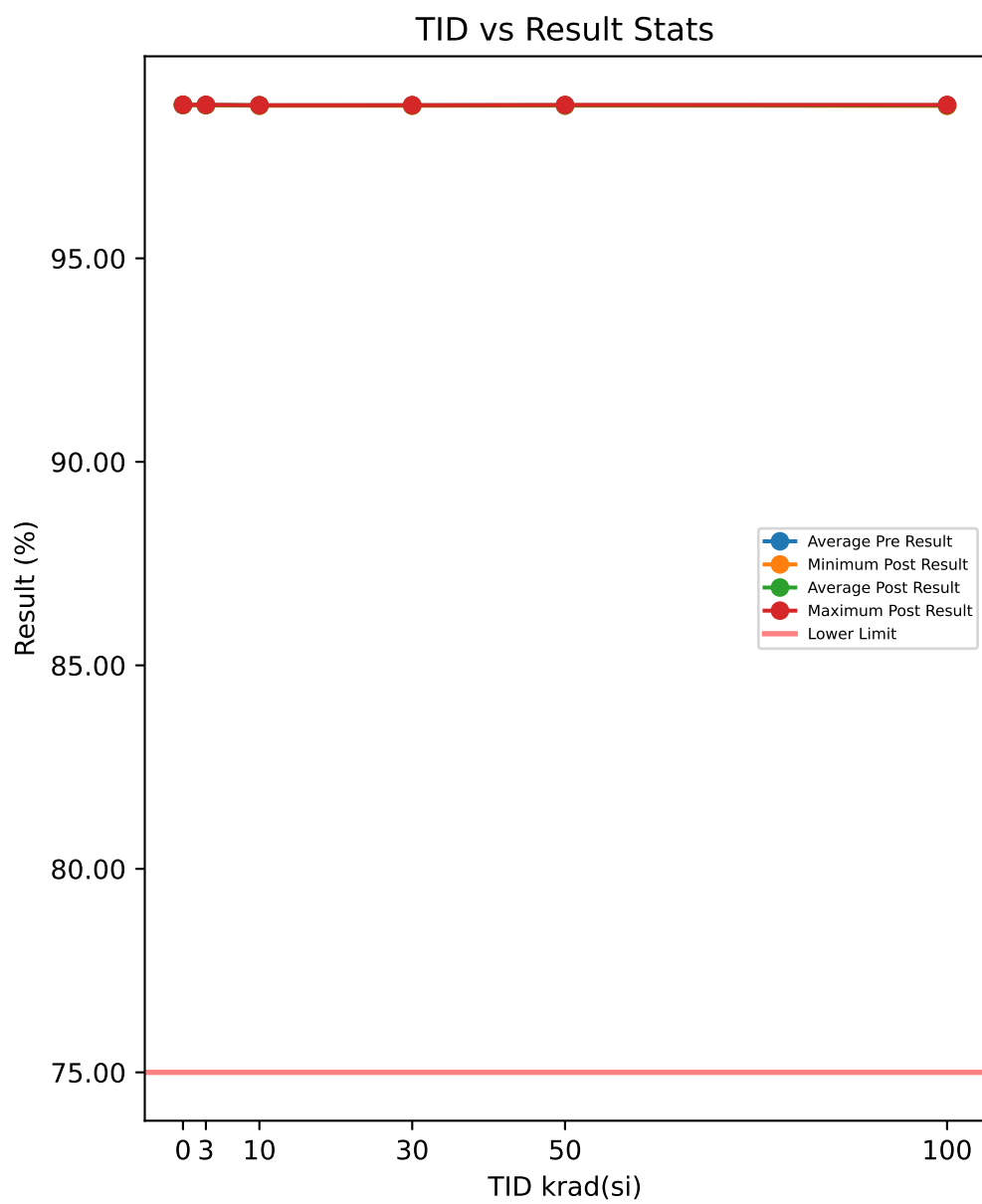
Device Test: 6.104; VOH_RESET_10MA



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.029	99.035	0.006
301	0	Correlation	99.038	99.04	0.002
302	0	Correlation	99.023	99.024	0.001
303	3	Bias	99.032	99.031	-0.001
304	3	Bias	99.026	99.025	-0.001
305	3	Bias	99.031	99.029	-0.002
306	3	Bias	99.029	99.026	-0.003
307	3	Bias	99.023	99.023	0
308	3	Unbiased	99.027	99.024	-0.003
309	3	Unbiased	99.027	99.027	0
310	3	Unbiased	99.026	99.025	-0.001
311	3	Unbiased	99.033	99.034	0.001
312	3	Unbiased	99.034	99.034	0
313	10	Bias	99.024	99.025	0.001
314	10	Bias	99.02	99.021	0.001
315	10	Bias	99.015	99.016	0.001
316	10	Bias	99.019	99.02	0.001
317	10	Bias	99.014	99.015	0.001
318	10	Unbiased	99.027	99.028	0.001
319	10	Unbiased	99.016	99.018	0.002
320	10	Unbiased	99.014	99.022	0.008
321	10	Unbiased	99.02	99.016	-0.004
322	10	Unbiased	99.014	99.017	0.003
323	30	Bias	99.024	99.026	0.002
324	30	Bias	99.021	99.022	0.001
325	30	Bias	99.014	99.016	0.002
326	30	Bias	99.028	99.03	0.002
327	30	Bias	99.016	99.017	0.001
328	30	Unbiased	99.023	99.023	0
329	30	Unbiased	99.021	99.022	0.001
330	30	Unbiased	99.026	99.027	0.001
331	30	Unbiased	99.021	99.023	0.002
332	30	Unbiased	99.022	99.023	0.001
333	50	Bias	99.027	99.029	0.002
334	50	Bias	99.01	99.013	0.003
335	50	Bias	99.025	99.026	0.001
336	50	Bias	99.03	99.031	0.001
337	50	Bias	99.01	99.013	0.003
338	50	Unbiased	99.023	99.025	0.002
339	50	Unbiased	99.029	99.023	-0.006
340	50	Unbiased	99.027	99.022	-0.005
341	50	Unbiased	99.03	99.025	-0.005
342	50	Unbiased	99.024	99.019	-0.005
343	100	Bias	99.033	99.028	-0.005
344	100	Bias	99.027	99.022	-0.005
345	100	Bias	99.031	99.026	-0.005
346	100	Bias	99.019	99.014	-0.005
347	100	Bias	99.029	99.024	-0.005
348	100	Unbiased	99.032	99.025	-0.007
349	100	Unbiased	99.022	99.014	-0.008
350	100	Unbiased	99.029	99.024	-0.005
351	100	Unbiased	99.02	99.013	-0.007
352	100	Unbiased	99.038	99.031	-0.007

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.023	99.03	99.038	0.0075498	99.024	99.033	99.04	0.0081854	0.001	0.003	0.006	0.0026458
3	99.023	99.029	99.034	0.0035839	99.023	99.028	99.034	0.0040222	-0.003	-0.001	0.001	0.0013333
10	99.014	99.018	99.027	0.0045473	99.015	99.02	99.028	0.0042635	-0.004	0.0015	0.008	0.0029155
30	99.014	99.022	99.028	0.0041952	99.016	99.023	99.03	0.0042282	0	0.0013	0.002	0.00067495
50	99.01	99.023	99.03	0.0075019	99.013	99.023	99.031	0.0060773	-0.006	-0.0009	0.003	0.0038137
100	99.019	99.028	99.038	0.0060919	99.013	99.022	99.031	0.0063149	-0.008	-0.0059	-0.005	0.0011972

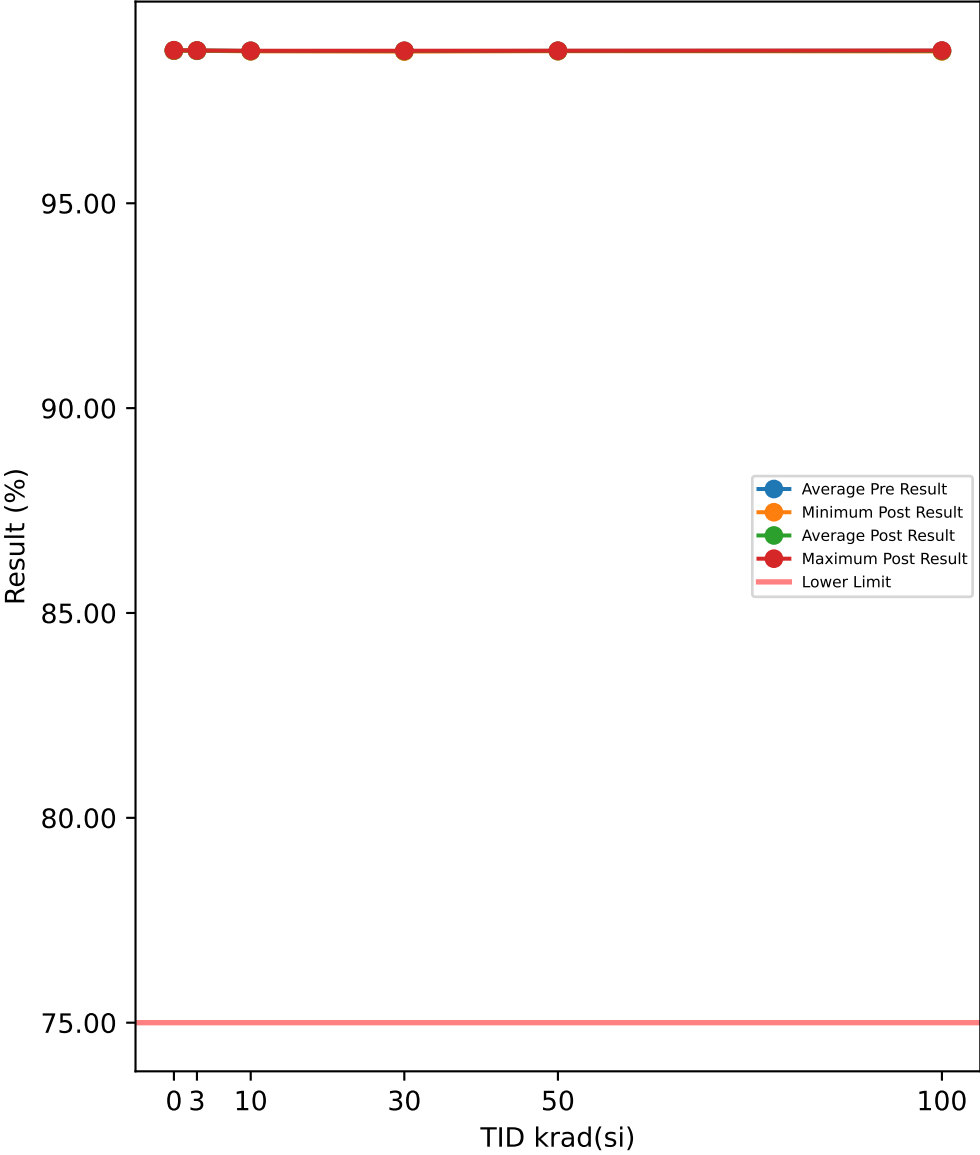
Device Test: 6.105; VOH_WDO_10MA



Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.766	98.775	0.009
301	0	Correlation	98.767	98.773	0.006
302	0	Correlation	98.761	98.766	0.005
303	3	Bias	98.768	98.772	0.004
304	3	Bias	98.758	98.761	0.003
305	3	Bias	98.765	98.769	0.004
306	3	Bias	98.765	98.768	0.003
307	3	Bias	98.759	98.764	0.005
308	3	Unbiased	98.764	98.766	0.002
309	3	Unbiased	98.763	98.764	0.001
310	3	Unbiased	98.763	98.764	0.001
311	3	Unbiased	98.768	98.772	0.004
312	3	Unbiased	98.768	98.77	0.002
313	10	Bias	98.76	98.763	0.003
314	10	Bias	98.759	98.762	0.003
315	10	Bias	98.757	98.759	0.002
316	10	Bias	98.746	98.748	0.002
317	10	Bias	98.756	98.758	0.002
318	10	Unbiased	98.76	98.762	0.002
319	10	Unbiased	98.758	98.762	0.004
320	10	Unbiased	98.752	98.759	0.007
321	10	Unbiased	98.757	98.756	-0.001
322	10	Unbiased	98.749	98.753	0.004
323	30	Bias	98.759	98.76	0.001
324	30	Bias	98.759	98.761	0.002
325	30	Bias	98.75	98.753	0.003
326	30	Bias	98.758	98.762	0.004
327	30	Bias	98.745	98.748	0.003
328	30	Unbiased	98.762	98.764	0.002
329	30	Unbiased	98.754	98.755	0.001
330	30	Unbiased	98.758	98.76	0.002
331	30	Unbiased	98.761	98.762	0.001
332	30	Unbiased	98.755	98.758	0.003
333	50	Bias	98.756	98.758	0.002
334	50	Bias	98.75	98.751	0.001
335	50	Bias	98.762	98.764	0.002
336	50	Bias	98.763	98.765	0.002
337	50	Bias	98.748	98.751	0.003
338	50	Unbiased	98.752	98.756	0.004
339	50	Unbiased	98.77	98.769	-0.001
340	50	Unbiased	98.757	98.755	-0.002
341	50	Unbiased	98.764	98.762	-0.002
342	50	Unbiased	98.758	98.756	-0.002
343	100	Bias	98.765	98.762	-0.003
344	100	Bias	98.762	98.76	-0.002
345	100	Bias	98.76	98.757	-0.003
346	100	Bias	98.756	98.753	-0.003
347	100	Bias	98.761	98.758	-0.003
348	100	Unbiased	98.761	98.758	-0.003
349	100	Unbiased	98.749	98.745	-0.004
350	100	Unbiased	98.762	98.759	-0.003
351	100	Unbiased	98.754	98.749	-0.005
352	100	Unbiased	98.772	98.769	-0.003

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.761	98.765	98.767	0.0032146	98.766	98.771	98.775	0.0047258	0.005	0.0066667	0.009	0.0020817
3	98.758	98.764	98.768	0.0035418	98.761	98.767	98.772	0.0037712	0.001	0.0029	0.005	0.0013703
10	98.746	98.755	98.76	0.004812	98.748	98.758	98.763	0.0047563	-0.001	0.0028	0.007	0.002044
30	98.745	98.756	98.762	0.0052589	98.748	98.758	98.764	0.0049227	0.001	0.0022	0.004	0.0010328
50	98.748	98.758	98.77	0.0068799	98.751	98.759	98.769	0.0060745	-0.002	0.0007	0.004	0.0022632
100	98.749	98.76	98.772	0.0062503	98.745	98.757	98.769	0.006733	-0.005	-0.0032	-0.002	0.00078881

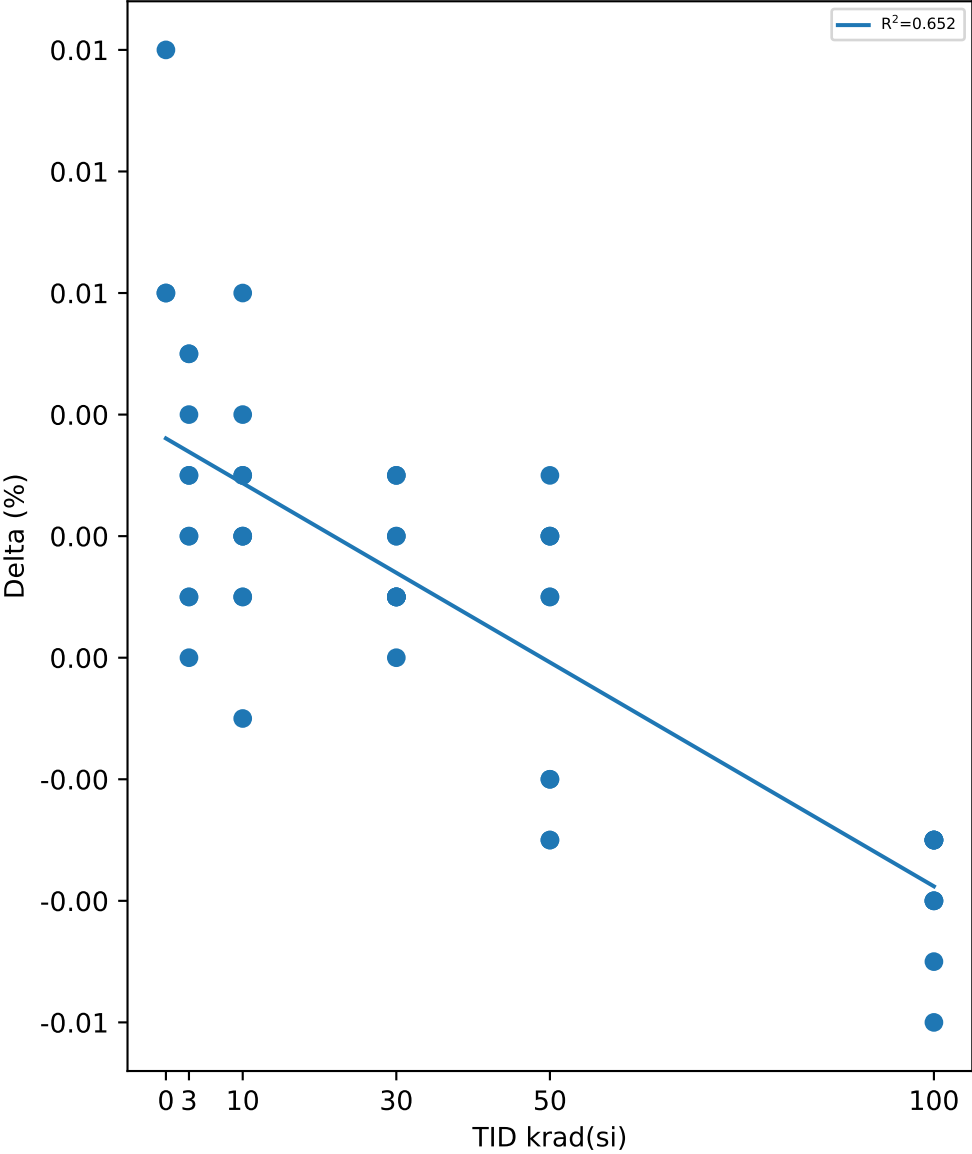
TID vs Result Stats



Test Results (Lower Limit = 75.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.726	98.736	0.01
301	0	Correlation	98.729	98.735	0.006
302	0	Correlation	98.718	98.724	0.006
303	3	Bias	98.721	98.726	0.005
304	3	Bias	98.72	98.723	0.003
305	3	Bias	98.722	98.727	0.005
306	3	Bias	98.728	98.73	0.002
307	3	Bias	98.721	98.725	0.004
308	3	Unbiased	98.72	98.722	0.002
309	3	Unbiased	98.723	98.724	0.001
310	3	Unbiased	98.725	98.725	0
311	3	Unbiased	98.726	98.729	0.003
312	3	Unbiased	98.728	98.729	0.001
313	10	Bias	98.719	98.721	0.002
314	10	Bias	98.718	98.72	0.002
315	10	Bias	98.714	98.717	0.003
316	10	Bias	98.707	98.708	0.001
317	10	Bias	98.714	98.715	0.001
318	10	Unbiased	98.72	98.722	0.002
319	10	Unbiased	98.718	98.722	0.004
320	10	Unbiased	98.715	98.721	0.006
321	10	Unbiased	98.719	98.718	-0.001
322	10	Unbiased	98.71	98.713	0.003
323	30	Bias	98.719	98.72	0.001
324	30	Bias	98.714	98.716	0.002
325	30	Bias	98.712	98.714	0.002
326	30	Bias	98.72	98.723	0.003
327	30	Bias	98.701	98.702	0.001
328	30	Unbiased	98.72	98.721	0.001
329	30	Unbiased	98.717	98.717	0
330	30	Unbiased	98.714	98.715	0.001
331	30	Unbiased	98.72	98.721	0.001
332	30	Unbiased	98.714	98.717	0.003
333	50	Bias	98.716	98.718	0.002
334	50	Bias	98.713	98.714	0.001
335	50	Bias	98.722	98.724	0.002
336	50	Bias	98.723	98.724	0.001
337	50	Bias	98.709	98.711	0.002
338	50	Unbiased	98.711	98.714	0.003
339	50	Unbiased	98.727	98.724	-0.003
340	50	Unbiased	98.717	98.714	-0.003
341	50	Unbiased	98.726	98.724	-0.002
342	50	Unbiased	98.716	98.714	-0.002
343	100	Bias	98.726	98.722	-0.004
344	100	Bias	98.725	98.722	-0.003
345	100	Bias	98.722	98.719	-0.003
346	100	Bias	98.716	98.712	-0.004
347	100	Bias	98.723	98.72	-0.003
348	100	Unbiased	98.721	98.718	-0.003
349	100	Unbiased	98.71	98.706	-0.004
350	100	Unbiased	98.722	98.719	-0.003
351	100	Unbiased	98.717	98.711	-0.006
352	100	Unbiased	98.733	98.728	-0.005

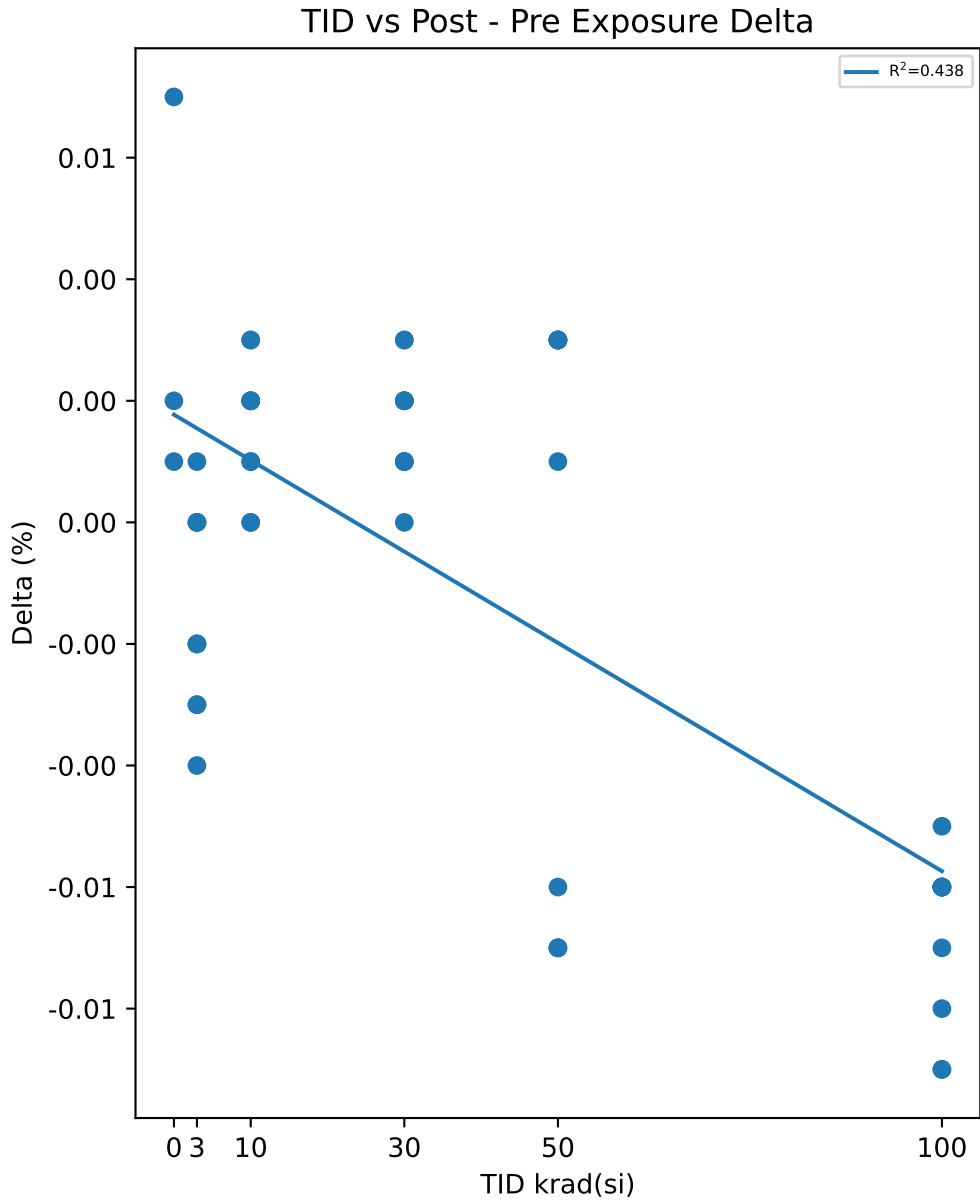
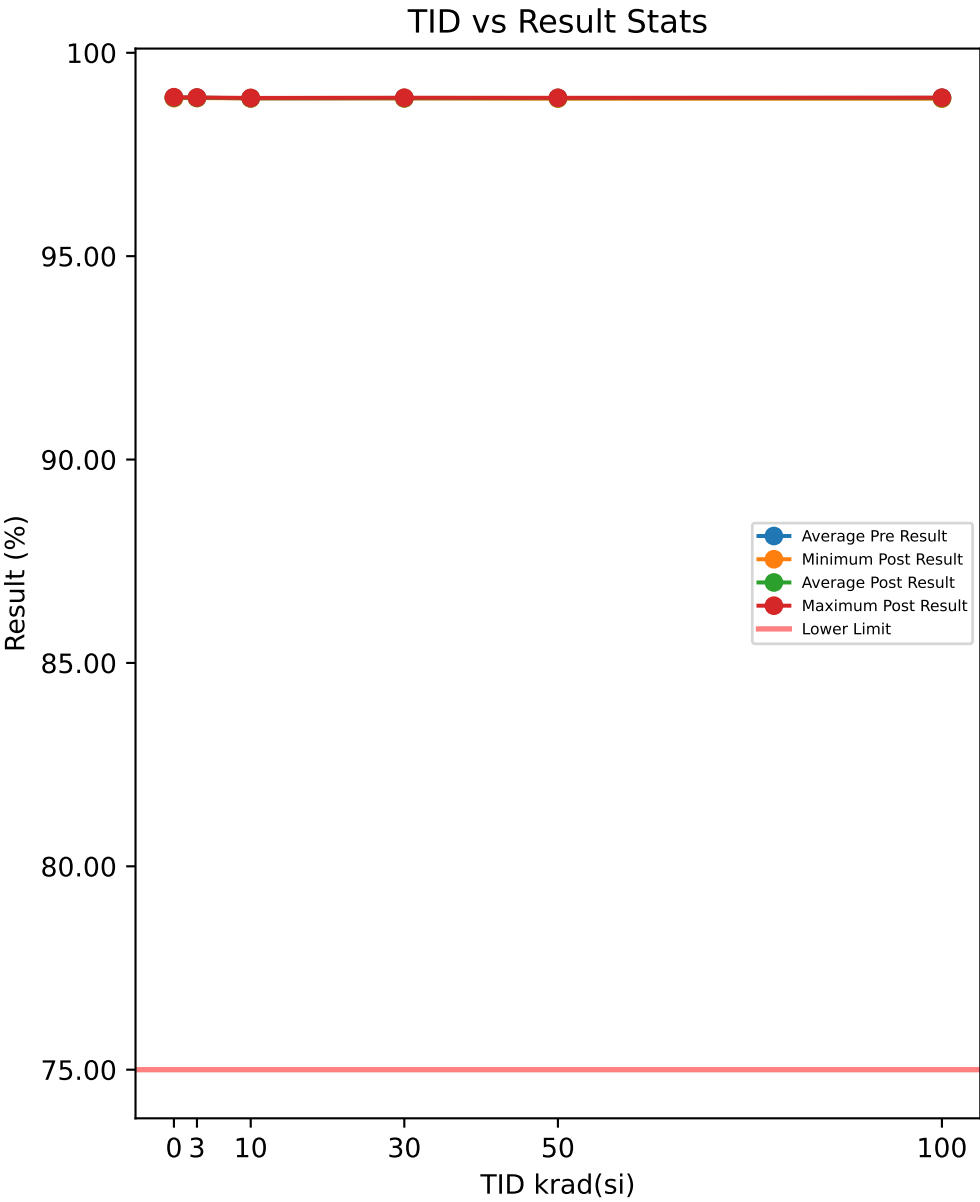
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.718	98.724	98.729	0.0056862	98.724	98.732	98.736	0.0066583	0.006	0.0073333	0.01	0.0023094
3	98.72	98.723	98.728	0.003134	98.722	98.726	98.73	0.002708	0	0.0026	0.005	0.0017127
10	98.707	98.715	98.72	0.004274	98.708	98.718	98.722	0.0045717	-0.001	0.0023	0.006	0.0018886
30	98.701	98.715	98.72	0.0058013	98.702	98.717	98.723	0.0059104	0	0.0015	0.003	0.00097183
50	98.709	98.718	98.727	0.0062361	98.711	98.718	98.724	0.0053427	-0.003	0.0001	0.003	0.002331
100	98.71	98.721	98.733	0.0062405	98.706	98.718	98.728	0.0063779	-0.006	-0.0038	-0.003	0.0010328

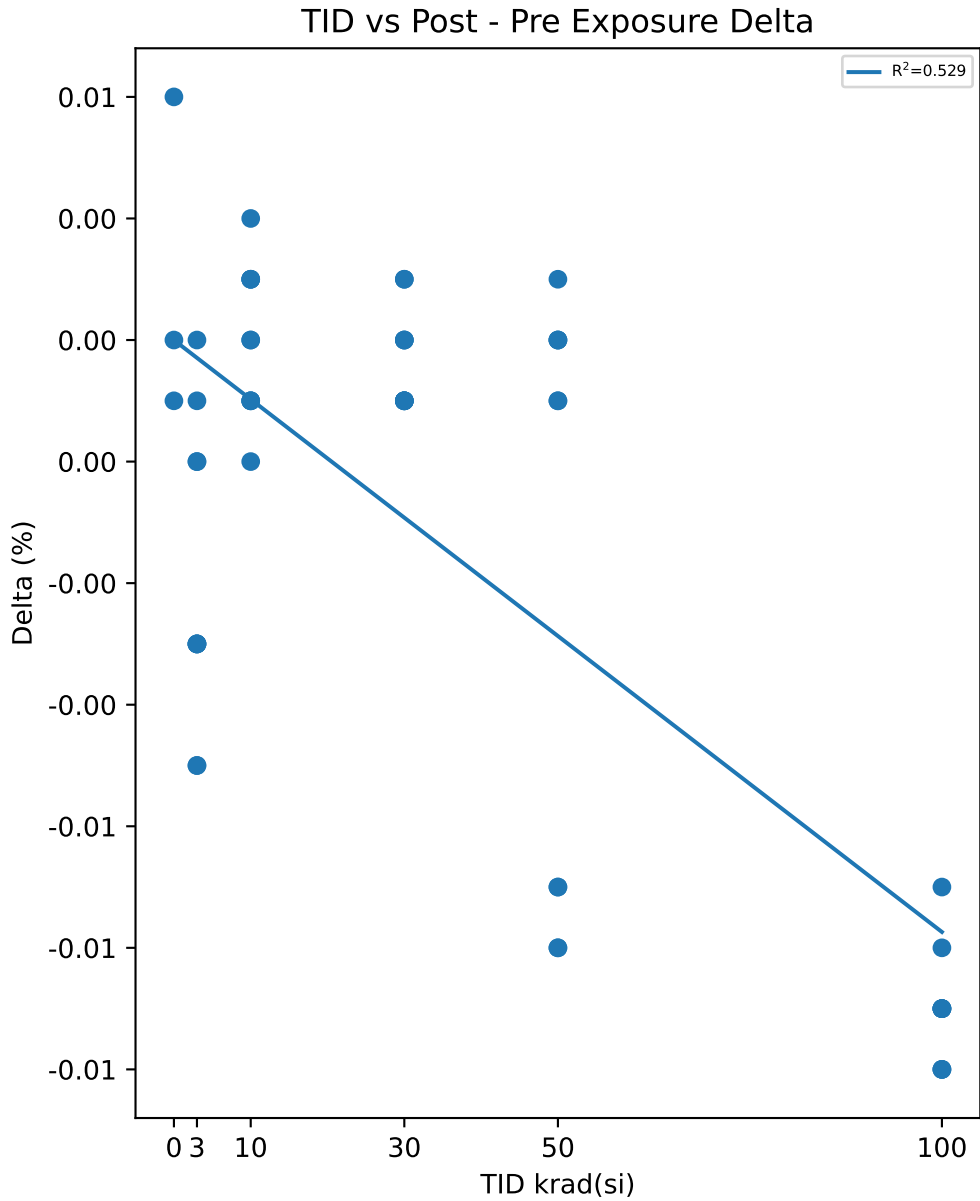
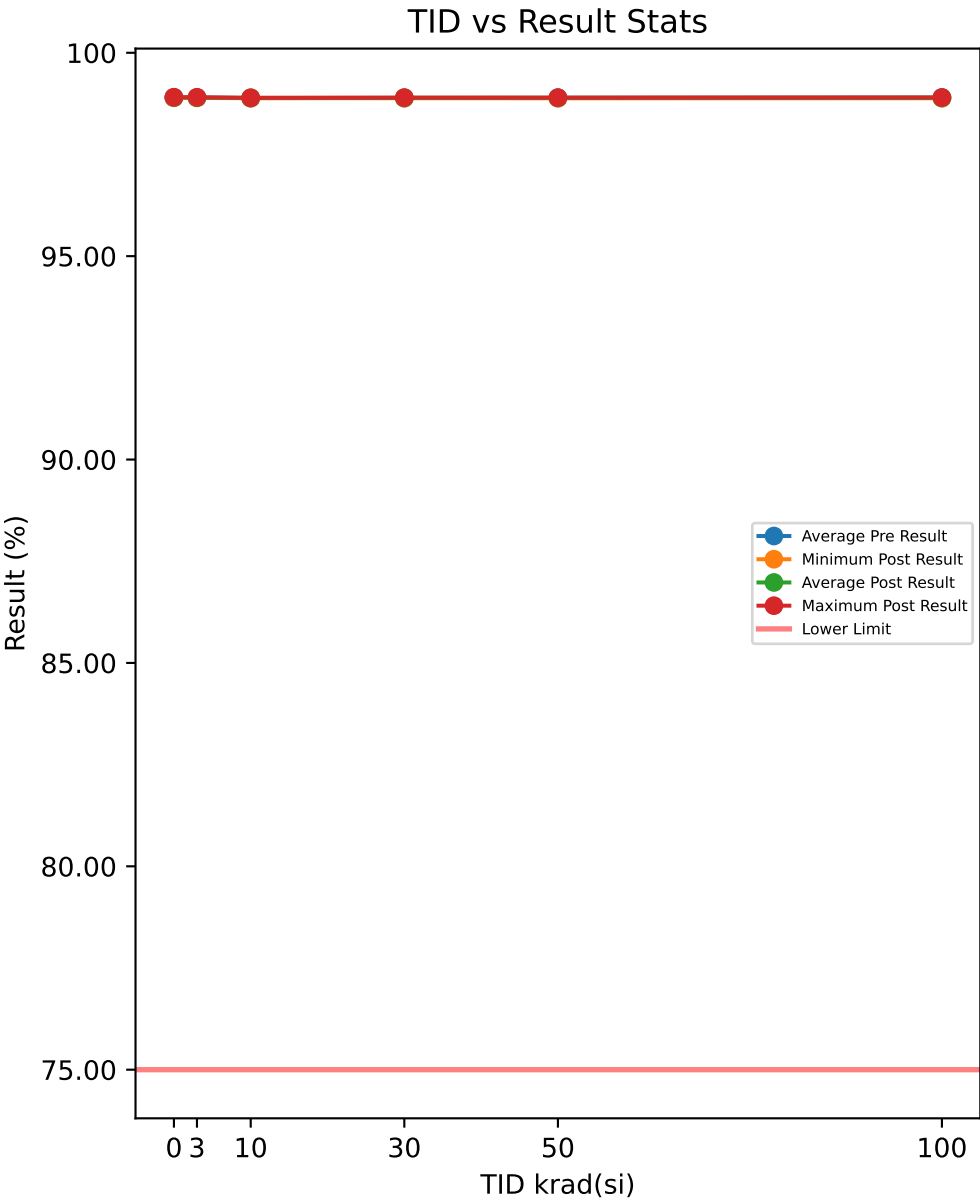
Device Test: 6.107; VOH_RESET_10MA



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.893	98.9	0.007
301	0	Correlation	98.906	98.908	0.002
302	0	Correlation	98.884	98.885	0.001
303	3	Bias	98.899	98.897	-0.002
304	3	Bias	98.891	98.888	-0.003
305	3	Bias	98.892	98.89	-0.002
306	3	Bias	98.895	98.891	-0.004
307	3	Bias	98.89	98.888	-0.002
308	3	Unbiased	98.892	98.889	-0.003
309	3	Unbiased	98.89	98.89	0
310	3	Unbiased	98.889	98.889	0
311	3	Unbiased	98.9	98.901	0.001
312	3	Unbiased	98.9	98.9	0
313	10	Bias	98.885	98.885	0
314	10	Bias	98.88	98.882	0.002
315	10	Bias	98.876	98.878	0.002
316	10	Bias	98.882	98.883	0.001
317	10	Bias	98.879	98.881	0.002
318	10	Unbiased	98.884	98.885	0.001
319	10	Unbiased	98.887	98.89	0.003
320	10	Unbiased	98.884	98.887	0.003
321	10	Unbiased	98.885	98.885	0
322	10	Unbiased	98.884	98.886	0.002
323	30	Bias	98.883	98.885	0.002
324	30	Bias	98.884	98.886	0.002
325	30	Bias	98.875	98.878	0.003
326	30	Bias	98.892	98.895	0.003
327	30	Bias	98.884	98.886	0.002
328	30	Unbiased	98.886	98.887	0.001
329	30	Unbiased	98.885	98.887	0.002
330	30	Unbiased	98.883	98.884	0.001
331	30	Unbiased	98.887	98.888	0.001
332	30	Unbiased	98.885	98.885	0
333	50	Bias	98.885	98.888	0.003
334	50	Bias	98.875	98.878	0.003
335	50	Bias	98.89	98.893	0.003
336	50	Bias	98.89	98.891	0.001
337	50	Bias	98.869	98.872	0.003
338	50	Unbiased	98.886	98.889	0.003
339	50	Unbiased	98.893	98.887	-0.006
340	50	Unbiased	98.887	98.88	-0.007
341	50	Unbiased	98.899	98.892	-0.007
342	50	Unbiased	98.891	98.884	-0.007
343	100	Bias	98.895	98.889	-0.006
344	100	Bias	98.891	98.885	-0.006
345	100	Bias	98.896	98.89	-0.006
346	100	Bias	98.883	98.878	-0.005
347	100	Bias	98.888	98.882	-0.006
348	100	Unbiased	98.896	98.887	-0.009
349	100	Unbiased	98.889	98.881	-0.008
350	100	Unbiased	98.894	98.888	-0.006
351	100	Unbiased	98.881	98.872	-0.009
352	100	Unbiased	98.904	98.897	-0.007

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.884	98.894	98.906	0.01106	98.885	98.898	98.908	0.011676	0.001	0.0033333	0.007	0.0032146
3	98.889	98.894	98.9	0.0043665	98.888	98.892	98.901	0.0050343	-0.004	-0.0015	0.001	0.0016499
10	98.876	98.883	98.887	0.00334	98.878	98.884	98.89	0.0033599	0	0.0016	0.003	0.001075
30	98.875	98.884	98.892	0.0042216	98.878	98.886	98.895	0.0041753	0	0.0017	0.003	0.00094868
50	98.869	98.886	98.899	0.008721	98.872	98.885	98.893	0.0068346	-0.007	-0.0011	0.003	0.0049092
100	98.881	98.892	98.904	0.0067995	98.872	98.885	98.897	0.0069992	-0.009	-0.0068	-0.005	0.0013984

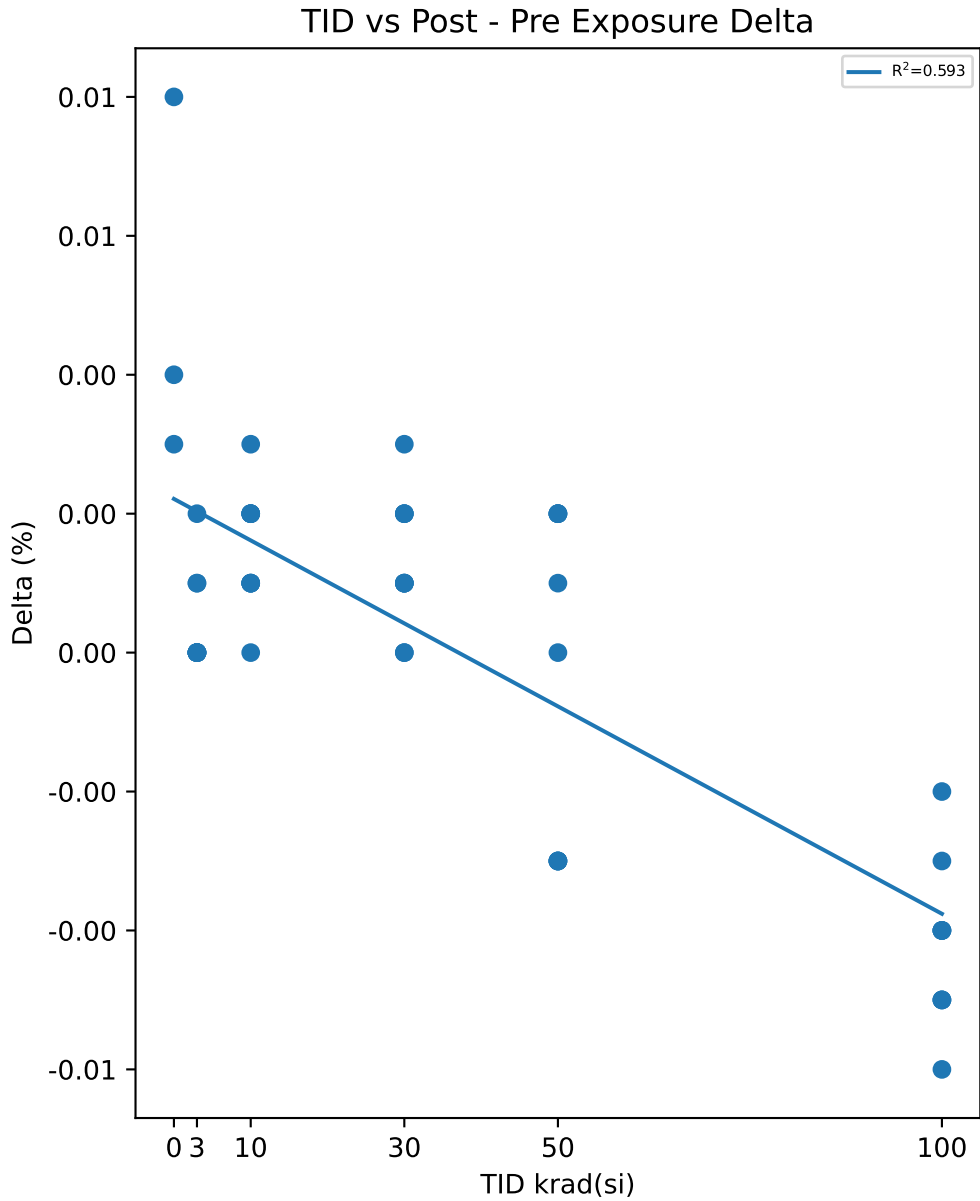
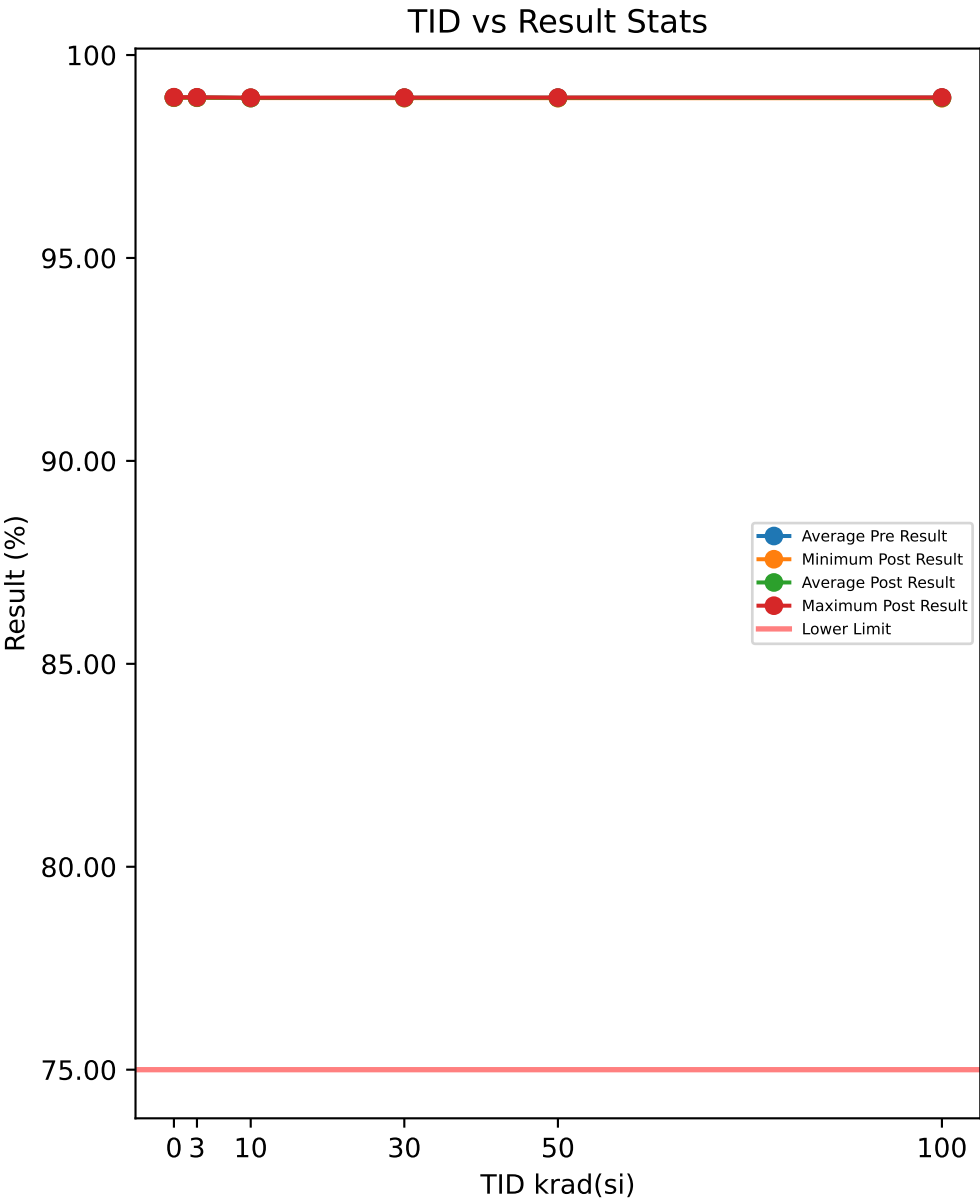
Device Test: 6.108; VOH_RESET_10MA



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.897	98.903	0.006
301	0	Correlation	98.906	98.908	0.002
302	0	Correlation	98.893	98.894	0.001
303	3	Bias	98.903	98.9	-0.003
304	3	Bias	98.894	98.891	-0.003
305	3	Bias	98.897	98.894	-0.003
306	3	Bias	98.9	98.895	-0.005
307	3	Bias	98.896	98.893	-0.003
308	3	Unbiased	98.899	98.894	-0.005
309	3	Unbiased	98.895	98.895	0
310	3	Unbiased	98.893	98.893	0
311	3	Unbiased	98.904	98.906	0.002
312	3	Unbiased	98.903	98.904	0.001
313	10	Bias	98.889	98.89	0.001
314	10	Bias	98.885	98.887	0.002
315	10	Bias	98.882	98.883	0.001
316	10	Bias	98.886	98.888	0.002
317	10	Bias	98.885	98.888	0.003
318	10	Unbiased	98.893	98.894	0.001
319	10	Unbiased	98.886	98.889	0.003
320	10	Unbiased	98.889	98.893	0.004
321	10	Unbiased	98.891	98.891	0
322	10	Unbiased	98.884	98.887	0.003
323	30	Bias	98.891	98.892	0.001
324	30	Bias	98.888	98.889	0.001
325	30	Bias	98.885	98.888	0.003
326	30	Bias	98.895	98.898	0.003
327	30	Bias	98.881	98.883	0.002
328	30	Unbiased	98.892	98.893	0.001
329	30	Unbiased	98.888	98.89	0.002
330	30	Unbiased	98.889	98.891	0.002
331	30	Unbiased	98.894	98.895	0.001
332	30	Unbiased	98.892	98.893	0.001
333	50	Bias	98.892	98.895	0.003
334	50	Bias	98.886	98.888	0.002
335	50	Bias	98.896	98.897	0.001
336	50	Bias	98.895	98.896	0.001
337	50	Bias	98.879	98.881	0.002
338	50	Unbiased	98.894	98.896	0.002
339	50	Unbiased	98.899	98.891	-0.008
340	50	Unbiased	98.899	98.892	-0.007
341	50	Unbiased	98.9	98.893	-0.007
342	50	Unbiased	98.895	98.887	-0.008
343	100	Bias	98.904	98.895	-0.009
344	100	Bias	98.901	98.893	-0.008
345	100	Bias	98.901	98.892	-0.009
346	100	Bias	98.891	98.882	-0.009
347	100	Bias	98.899	98.89	-0.009
348	100	Unbiased	98.903	98.893	-0.01
349	100	Unbiased	98.897	98.887	-0.01
350	100	Unbiased	98.9	98.893	-0.007
351	100	Unbiased	98.894	98.884	-0.01
352	100	Unbiased	98.91	98.901	-0.009

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.893	98.899	98.906	0.0066583	98.894	98.902	98.908	0.0070946	0.001	0.003	0.006	0.0026458
3	98.893	98.898	98.904	0.0040056	98.891	98.897	98.906	0.0050607	-0.005	-0.0019	0.002	0.0024698
10	98.882	98.887	98.893	0.0033993	98.883	98.889	98.894	0.0031972	0	0.002	0.004	0.0012472
30	98.881	98.889	98.895	0.0042492	98.883	98.891	98.898	0.0041042	0.001	0.0017	0.003	0.00082327
50	98.879	98.893	98.9	0.0065192	98.881	98.892	98.897	0.0050376	-0.008	-0.0019	0.003	0.0048637
100	98.891	98.9	98.91	0.0053125	98.882	98.891	98.901	0.0055377	-0.01	-0.009	-0.007	0.00094281

Device Test: 6.109; VOH_RESET_10MA

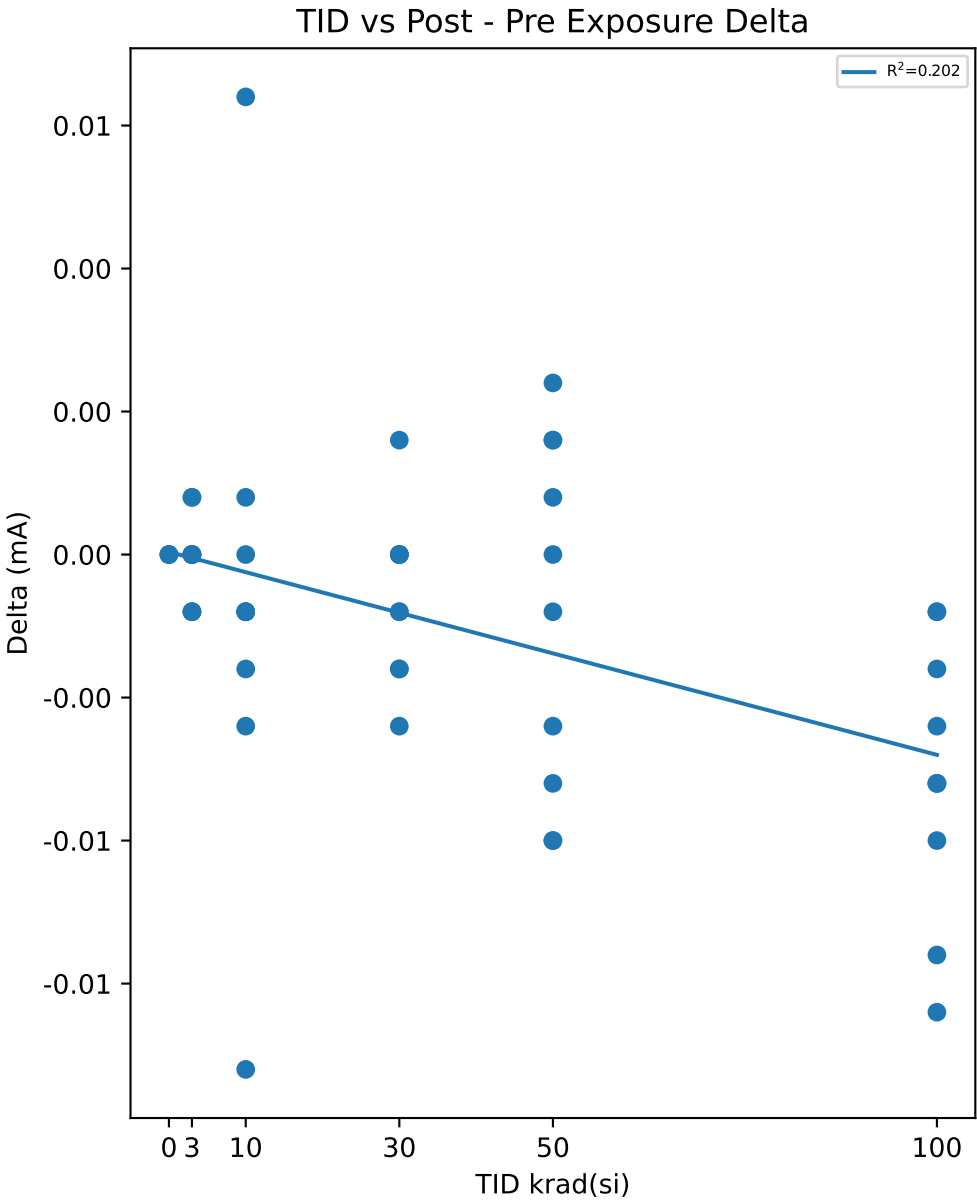
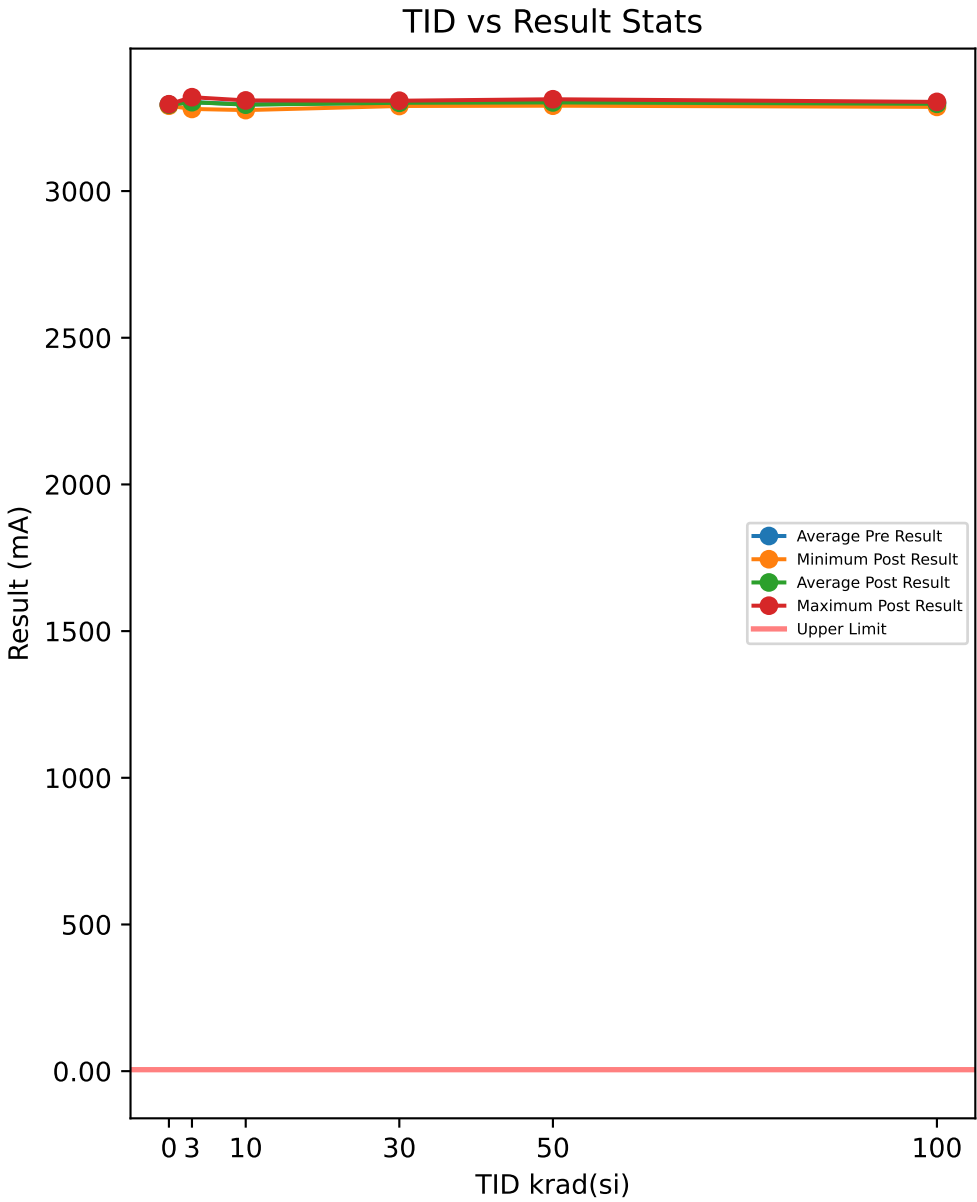


Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.95	98.958	0.008
301	0	Correlation	98.957	98.961	0.004
302	0	Correlation	98.945	98.948	0.003
303	3	Bias	98.957	98.959	0.002
304	3	Bias	98.948	98.948	0
305	3	Bias	98.953	98.954	0.001
306	3	Bias	98.947	98.947	0
307	3	Bias	98.951	98.952	0.001
308	3	Unbiased	98.95	98.95	0
309	3	Unbiased	98.948	98.948	0
310	3	Unbiased	98.947	98.947	0
311	3	Unbiased	98.956	98.956	0
312	3	Unbiased	98.957	98.957	0
313	10	Bias	98.945	98.945	0
314	10	Bias	98.943	98.944	0.001
315	10	Bias	98.937	98.939	0.002
316	10	Bias	98.939	98.94	0.001
317	10	Bias	98.94	98.942	0.002
318	10	Unbiased	98.949	98.95	0.001
319	10	Unbiased	98.94	98.943	0.003
320	10	Unbiased	98.94	98.942	0.002
321	10	Unbiased	98.94	98.941	0.001
322	10	Unbiased	98.938	98.94	0.002
323	30	Bias	98.949	98.949	0
324	30	Bias	98.94	98.942	0.002
325	30	Bias	98.939	98.942	0.003
326	30	Bias	98.95	98.952	0.002
327	30	Bias	98.937	98.938	0.001
328	30	Unbiased	98.947	98.948	0.001
329	30	Unbiased	98.945	98.947	0.002
330	30	Unbiased	98.948	98.949	0.001
331	30	Unbiased	98.947	98.948	0.001
332	30	Unbiased	98.947	98.947	0
333	50	Bias	98.948	98.949	0.001
334	50	Bias	98.938	98.94	0.002
335	50	Bias	98.947	98.949	0.002
336	50	Bias	98.953	98.953	0
337	50	Bias	98.935	98.937	0.002
338	50	Unbiased	98.945	98.947	0.002
339	50	Unbiased	98.949	98.946	-0.003
340	50	Unbiased	98.949	98.946	-0.003
341	50	Unbiased	98.954	98.951	-0.003
342	50	Unbiased	98.942	98.939	-0.003
343	100	Bias	98.954	98.95	-0.004
344	100	Bias	98.949	98.946	-0.003
345	100	Bias	98.952	98.948	-0.004
346	100	Bias	98.94	98.936	-0.004
347	100	Bias	98.948	98.944	-0.004
348	100	Unbiased	98.954	98.949	-0.005
349	100	Unbiased	98.942	98.936	-0.006
350	100	Unbiased	98.948	98.946	-0.002
351	100	Unbiased	98.94	98.935	-0.005
352	100	Unbiased	98.961	98.956	-0.005

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.945	98.951	98.957	0.0060277	98.948	98.956	98.961	0.0068069	0.003	0.005	0.008	0.0026458
3	98.947	98.951	98.957	0.0040879	98.947	98.952	98.959	0.0044672	0	0.0004	0.002	0.00069921
10	98.937	98.941	98.949	0.003604	98.939	98.943	98.95	0.0032042	0	0.0015	0.003	0.00084984
30	98.937	98.945	98.95	0.004557	98.938	98.946	98.952	0.0042111	0	0.0013	0.003	0.00094868
50	98.935	98.946	98.954	0.0061283	98.937	98.946	98.953	0.0053552	-0.003	-0.0003	0.002	0.002406
100	98.94	98.949	98.961	0.0067954	98.935	98.945	98.956	0.0069474	-0.006	-0.0042	-0.002	0.0011353

Device Test: 6.11 ; VLDO_I_MAX

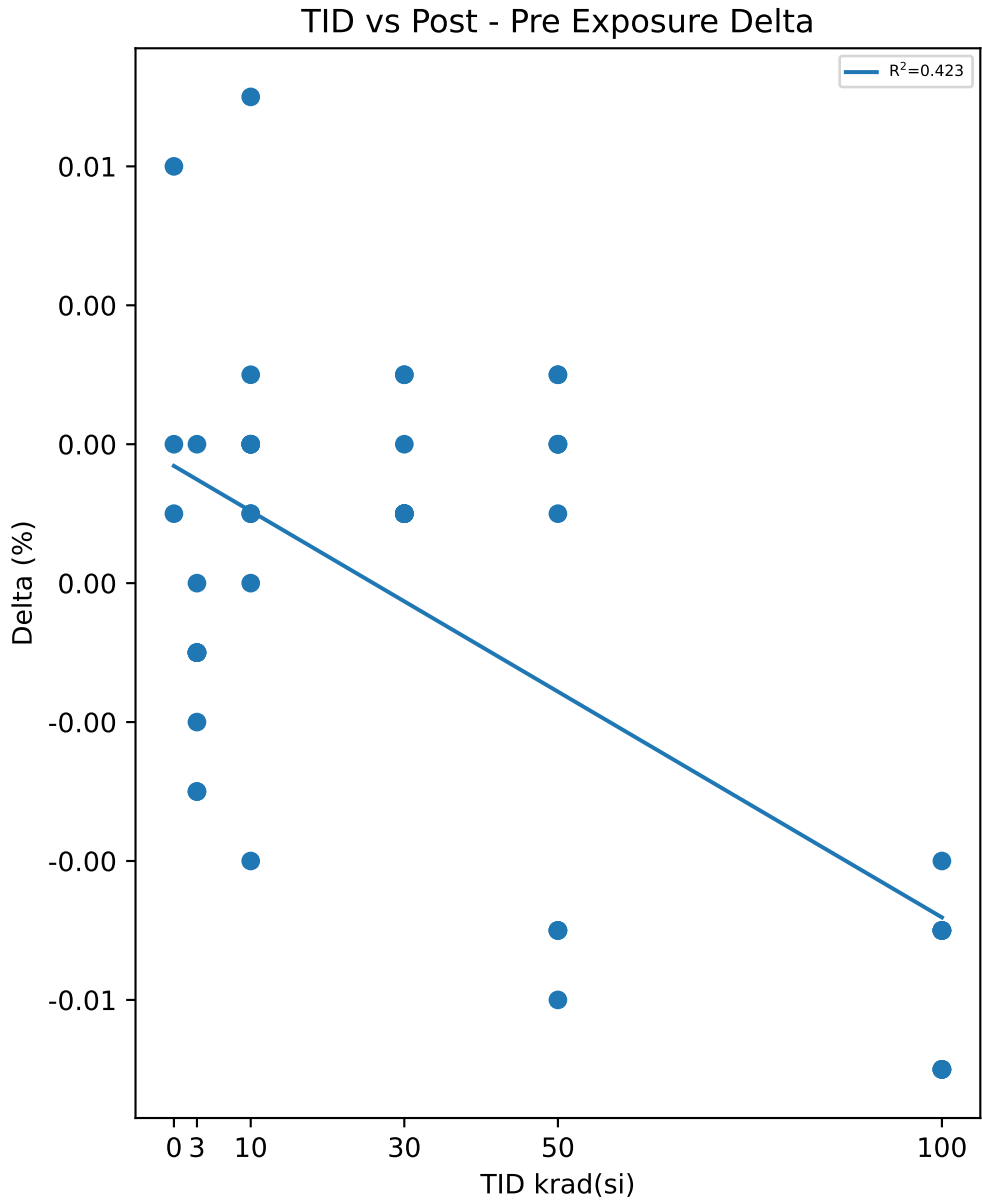
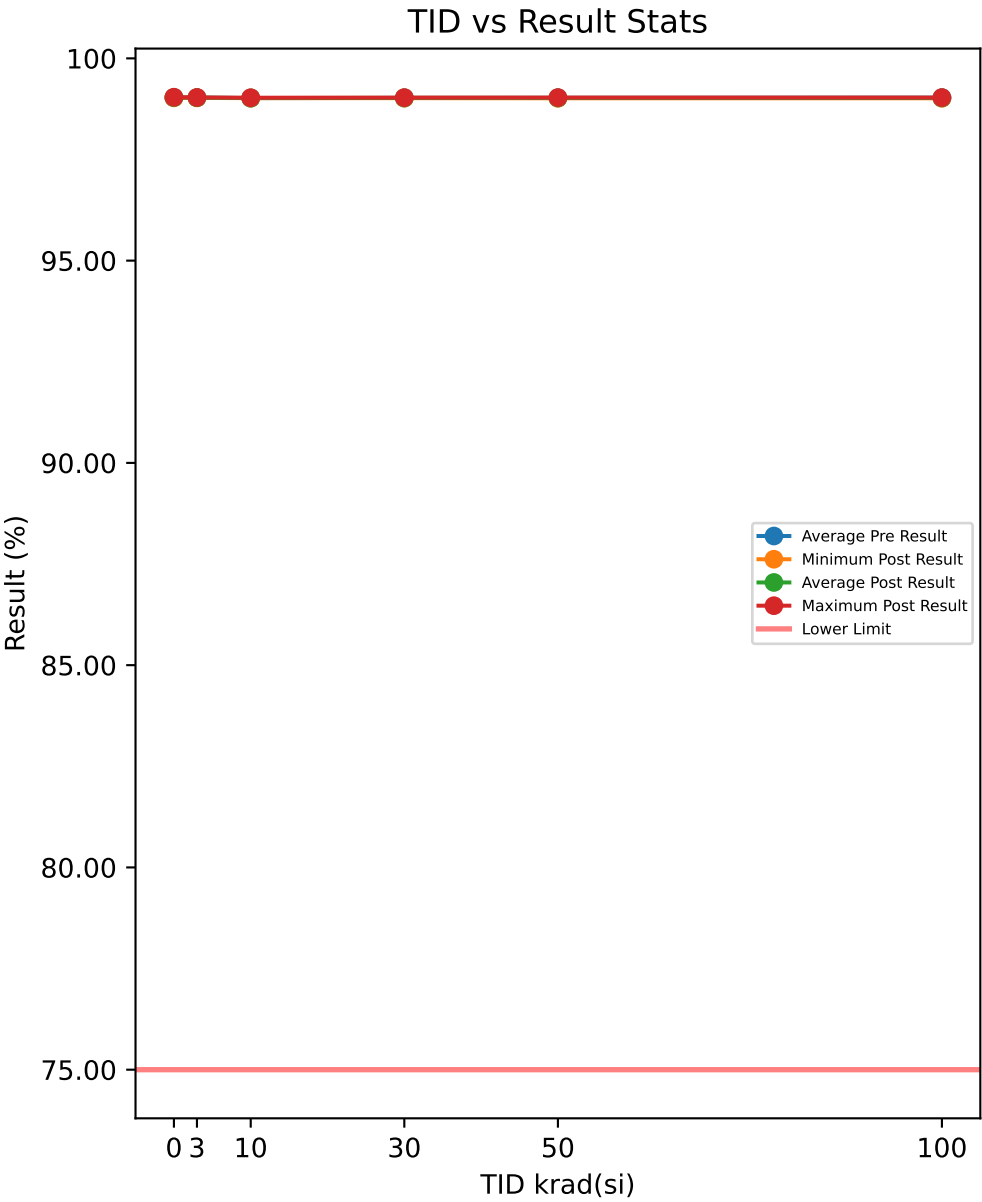


Test Results (Upper Limit = 5.0 (mA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	3296	3296	0
301	0	Correlation	3291	3291	0
302	0	Correlation	3296	3296	0
303	3	Bias	3279	3280	0.001
304	3	Bias	3301	3300	-0.001
305	3	Bias	3303	3304	0.001
306	3	Bias	3296	3296	0
307	3	Bias	3321	3320	-0.001
308	3	Unbiased	3318	3318	0
309	3	Unbiased	3300	3300	0
310	3	Unbiased	3311	3311	0
311	3	Unbiased	3292	3291	-0.001
312	3	Unbiased	3310	3310	0
313	10	Bias	3306	3305	-0.001
314	10	Bias	3301	3298	-0.003
315	10	Bias	3293	3293	0
316	10	Bias	3298	3299	0.001
317	10	Bias	3297	3296	-0.001
318	10	Unbiased	3311	3309	-0.002
319	10	Unbiased	3293	3292	-0.001
320	10	Unbiased	3285	3276	-0.009
321	10	Unbiased	3277	3285	0.008
322	10	Unbiased	3293	3292	-0.001
323	30	Bias	3302	3301	-0.001
324	30	Bias	3299	3296	-0.003
325	30	Bias	3303	3303	0
326	30	Bias	3291	3290	-0.001
327	30	Bias	3305	3305	0
328	30	Unbiased	3310	3308	-0.002
329	30	Unbiased	3303	3303	0
330	30	Unbiased	3301	3303	0.002
331	30	Unbiased	3308	3306	-0.002
332	30	Unbiased	3294	3294	0
333	50	Bias	3296	3291	-0.005
334	50	Bias	3297	3297	0
335	50	Bias	3299	3298	-0.001
336	50	Bias	3310	3311	0.001
337	50	Bias	3304	3301	-0.003
338	50	Unbiased	3301	3303	0.002
339	50	Unbiased	3317	3313	-0.004
340	50	Unbiased	3308	3311	0.003
341	50	Unbiased	3301	3296	-0.005
342	50	Unbiased	3299	3301	0.002
343	100	Bias	3308	3304	-0.004
344	100	Bias	3302	3299	-0.003
345	100	Bias	3304	3300	-0.004
346	100	Bias	3295	3287	-0.008
347	100	Bias	3291	3287	-0.004
348	100	Unbiased	3302	3301	-0.001
349	100	Unbiased	3302	3295	-0.007
350	100	Unbiased	3300	3298	-0.002
351	100	Unbiased	3308	3303	-0.005
352	100	Unbiased	3302	3301	-0.001

Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3291	3294.3	3296	2.8868	3291	3294.3	3296	2.8868	0	0	0	0
3	3279	3303.1	3321	12.565	3280	3303	3320	12.329	-0.001	-0.0001	0.001	0.00073786
10	3277	3295.4	3311	9.7775	3276	3294.5	3309	9.4428	-0.009	-0.0009	0.008	0.0041486
30	3291	3301.6	3310	5.8157	3290	3300.9	3308	5.7436	-0.003	-0.0007	0.002	0.0014181
50	3296	3303.2	3317	6.6299	3291	3302.2	3313	7.3303	-0.005	-0.001	0.003	0.0030551
100	3291	3301.4	3308	5.2324	3287	3297.5	3304	6.0782	-0.008	-0.0039	-0.001	0.002331

Device Test: 6.110; VOH_RESET_10MA



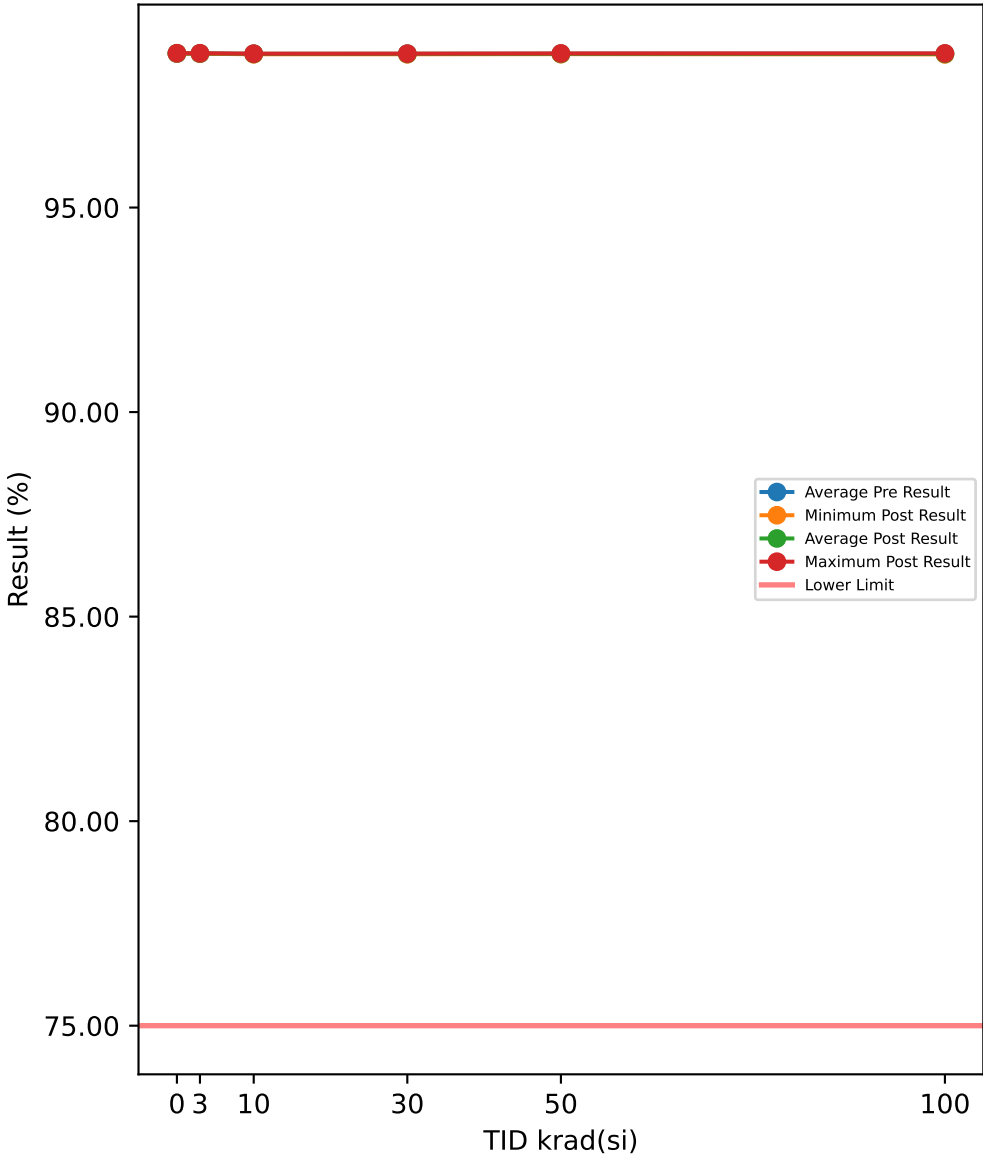
Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.029	99.035	0.006
301	0	Correlation	99.038	99.04	0.002
302	0	Correlation	99.023	99.024	0.001
303	3	Bias	99.032	99.03	-0.002
304	3	Bias	99.026	99.025	-0.001
305	3	Bias	99.03	99.029	-0.001
306	3	Bias	99.029	99.026	-0.003
307	3	Bias	99.024	99.023	-0.001
308	3	Unbiased	99.027	99.024	-0.003
309	3	Unbiased	99.027	99.026	-0.001
310	3	Unbiased	99.026	99.025	-0.001
311	3	Unbiased	99.032	99.034	0.002
312	3	Unbiased	99.034	99.034	0
313	10	Bias	99.024	99.025	0.001
314	10	Bias	99.019	99.021	0.002
315	10	Bias	99.014	99.016	0.002
316	10	Bias	99.019	99.02	0.001
317	10	Bias	99.014	99.016	0.002
318	10	Unbiased	99.027	99.027	0
319	10	Unbiased	99.015	99.018	0.003
320	10	Unbiased	99.014	99.021	0.007
321	10	Unbiased	99.02	99.016	-0.004
322	10	Unbiased	99.014	99.016	0.002
323	30	Bias	99.025	99.026	0.001
324	30	Bias	99.021	99.022	0.001
325	30	Bias	99.013	99.016	0.003
326	30	Bias	99.027	99.03	0.003
327	30	Bias	99.016	99.018	0.002
328	30	Unbiased	99.023	99.024	0.001
329	30	Unbiased	99.021	99.022	0.001
330	30	Unbiased	99.026	99.027	0.001
331	30	Unbiased	99.022	99.023	0.001
332	30	Unbiased	99.022	99.023	0.001
333	50	Bias	99.026	99.029	0.003
334	50	Bias	99.01	99.013	0.003
335	50	Bias	99.024	99.026	0.002
336	50	Bias	99.03	99.031	0.001
337	50	Bias	99.011	99.013	0.002
338	50	Unbiased	99.023	99.025	0.002
339	50	Unbiased	99.028	99.023	-0.005
340	50	Unbiased	99.027	99.021	-0.006
341	50	Unbiased	99.029	99.024	-0.005
342	50	Unbiased	99.024	99.019	-0.005
343	100	Bias	99.033	99.028	-0.005
344	100	Bias	99.027	99.022	-0.005
345	100	Bias	99.031	99.026	-0.005
346	100	Bias	99.019	99.014	-0.005
347	100	Bias	99.028	99.024	-0.004
348	100	Unbiased	99.031	99.024	-0.007
349	100	Unbiased	99.021	99.014	-0.007
350	100	Unbiased	99.029	99.024	-0.005
351	100	Unbiased	99.02	99.013	-0.007
352	100	Unbiased	99.038	99.031	-0.007

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.023	99.03	99.038	0.0075498	99.024	99.033	99.04	0.0081854	0.001	0.003	0.006	0.0026458
3	99.024	99.029	99.034	0.0032335	99.023	99.028	99.034	0.0039777	-0.003	-0.0011	0.002	0.0014491
10	99.014	99.018	99.027	0.0046667	99.016	99.02	99.027	0.0039777	-0.004	0.0016	0.007	0.0027162
30	99.013	99.022	99.027	0.0043256	99.016	99.023	99.03	0.0040947	0.001	0.0015	0.003	0.00084984
50	99.01	99.023	99.03	0.0070679	99.013	99.022	99.031	0.006059	-0.006	-0.0008	0.003	0.0038816
100	99.019	99.028	99.038	0.0061292	99.013	99.022	99.031	0.0062716	-0.007	-0.0057	-0.004	0.0011595

Device Test: 6.111; VOH_WDO_10MA

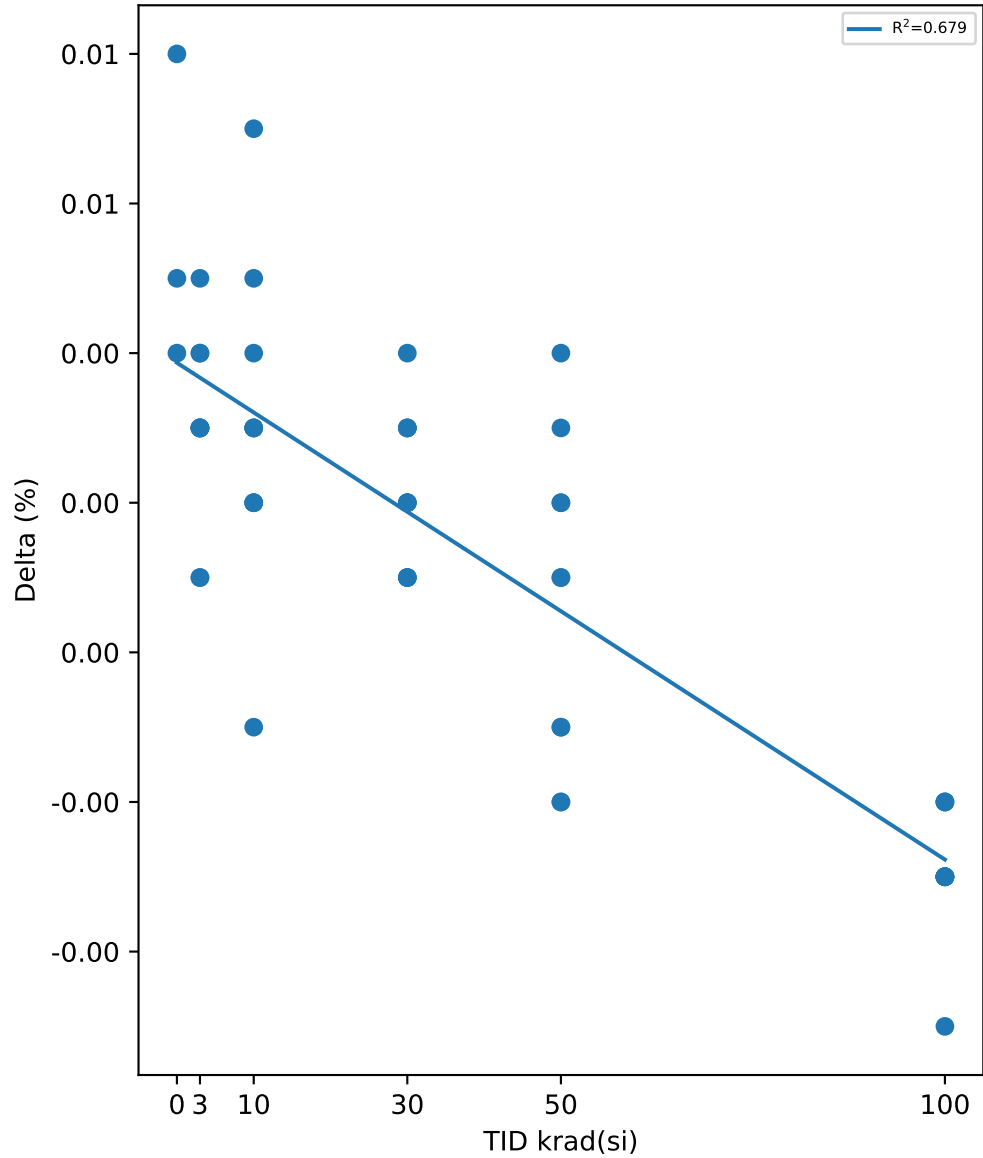
TID vs Result Stats



Test Results (Lower Limit = 75.0 (%))

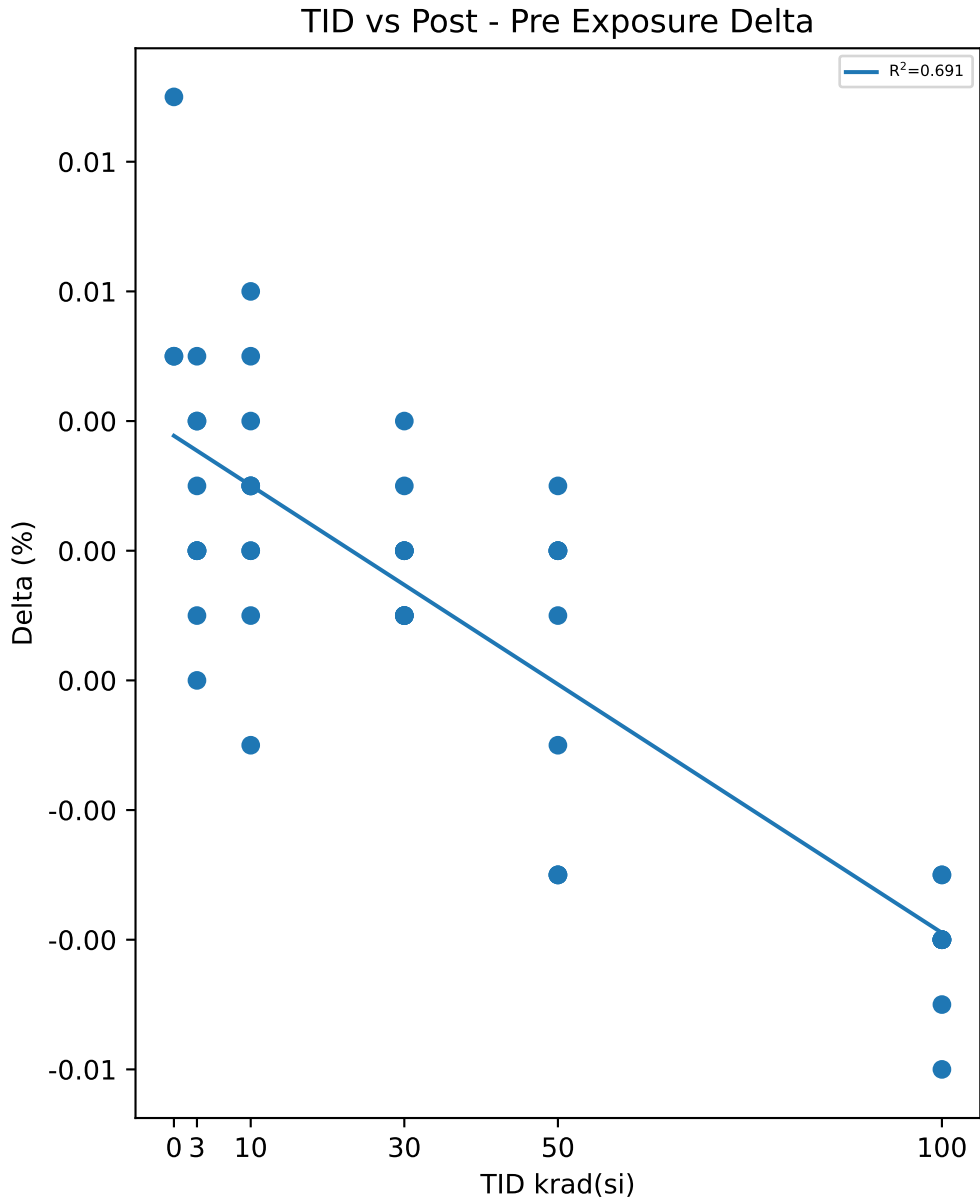
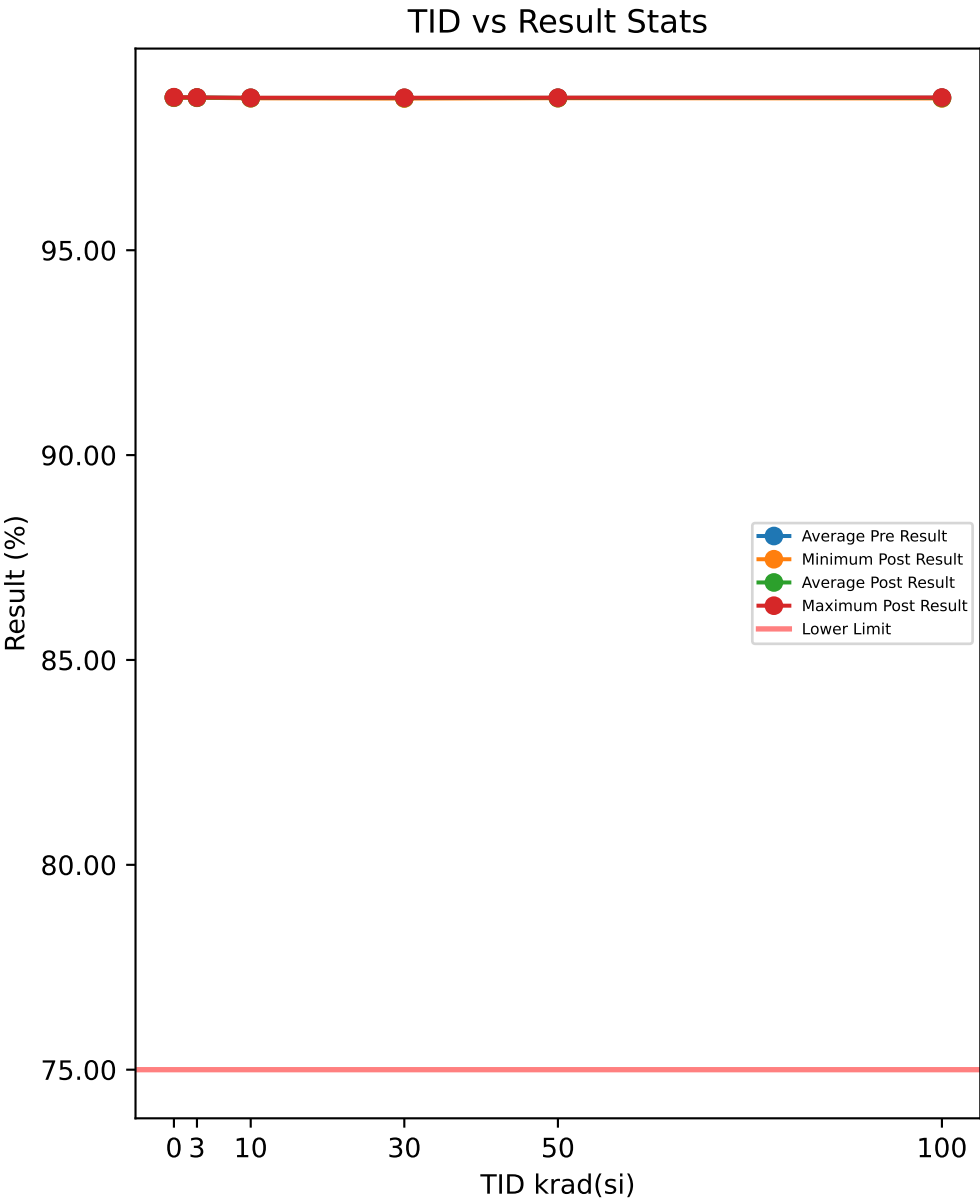
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.765	98.773	0.008
301	0	Correlation	98.767	98.772	0.005
302	0	Correlation	98.761	98.765	0.004
303	3	Bias	98.767	98.772	0.005
304	3	Bias	98.757	98.76	0.003
305	3	Bias	98.764	98.768	0.004
306	3	Bias	98.764	98.767	0.003
307	3	Bias	98.76	98.764	0.004
308	3	Unbiased	98.763	98.766	0.003
309	3	Unbiased	98.762	98.763	0.001
310	3	Unbiased	98.762	98.763	0.001
311	3	Unbiased	98.768	98.771	0.003
312	3	Unbiased	98.767	98.77	0.003
313	10	Bias	98.759	98.762	0.003
314	10	Bias	98.758	98.761	0.003
315	10	Bias	98.756	98.758	0.002
316	10	Bias	98.745	98.747	0.002
317	10	Bias	98.755	98.758	0.003
318	10	Unbiased	98.759	98.761	0.002
319	10	Unbiased	98.757	98.762	0.005
320	10	Unbiased	98.752	98.759	0.007
321	10	Unbiased	98.756	98.755	-0.001
322	10	Unbiased	98.748	98.752	0.004
323	30	Bias	98.758	98.759	0.001
324	30	Bias	98.759	98.76	0.001
325	30	Bias	98.749	98.752	0.003
326	30	Bias	98.757	98.761	0.004
327	30	Bias	98.744	98.747	0.003
328	30	Unbiased	98.761	98.763	0.002
329	30	Unbiased	98.753	98.755	0.002
330	30	Unbiased	98.757	98.759	0.002
331	30	Unbiased	98.76	98.761	0.001
332	30	Unbiased	98.754	98.757	0.003
333	50	Bias	98.756	98.758	0.002
334	50	Bias	98.749	98.75	0.001
335	50	Bias	98.761	98.763	0.002
336	50	Bias	98.763	98.764	0.001
337	50	Bias	98.747	98.75	0.003
338	50	Unbiased	98.751	98.755	0.004
339	50	Unbiased	98.77	98.768	-0.002
340	50	Unbiased	98.756	98.754	-0.002
341	50	Unbiased	98.763	98.762	-0.001
342	50	Unbiased	98.757	98.756	-0.001
343	100	Bias	98.764	98.762	-0.002
344	100	Bias	98.761	98.759	-0.002
345	100	Bias	98.759	98.756	-0.003
346	100	Bias	98.755	98.752	-0.003
347	100	Bias	98.76	98.757	-0.003
348	100	Unbiased	98.761	98.758	-0.003
349	100	Unbiased	98.747	98.744	-0.003
350	100	Unbiased	98.761	98.758	-0.003
351	100	Unbiased	98.753	98.748	-0.005
352	100	Unbiased	98.771	98.769	-0.002

TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.761	98.764	98.767	0.0030551	98.765	98.77	98.773	0.0043589	0.004	0.0056667	0.008	0.0020817
3	98.757	98.763	98.768	0.0034059	98.76	98.766	98.772	0.0039215	0.001	0.003	0.005	0.0012472
10	98.745	98.754	98.759	0.0047434	98.747	98.757	98.762	0.0048819	-0.001	0.003	0.007	0.0021082
30	98.744	98.755	98.761	0.0053292	98.747	98.757	98.763	0.004858	0.001	0.0022	0.004	0.0010328
50	98.747	98.757	98.77	0.0071344	98.75	98.758	98.768	0.0060919	-0.002	0.0007	0.004	0.0021108
100	98.747	98.759	98.771	0.0064773	98.744	98.756	98.769	0.0070404	-0.005	-0.0029	-0.002	0.0008756

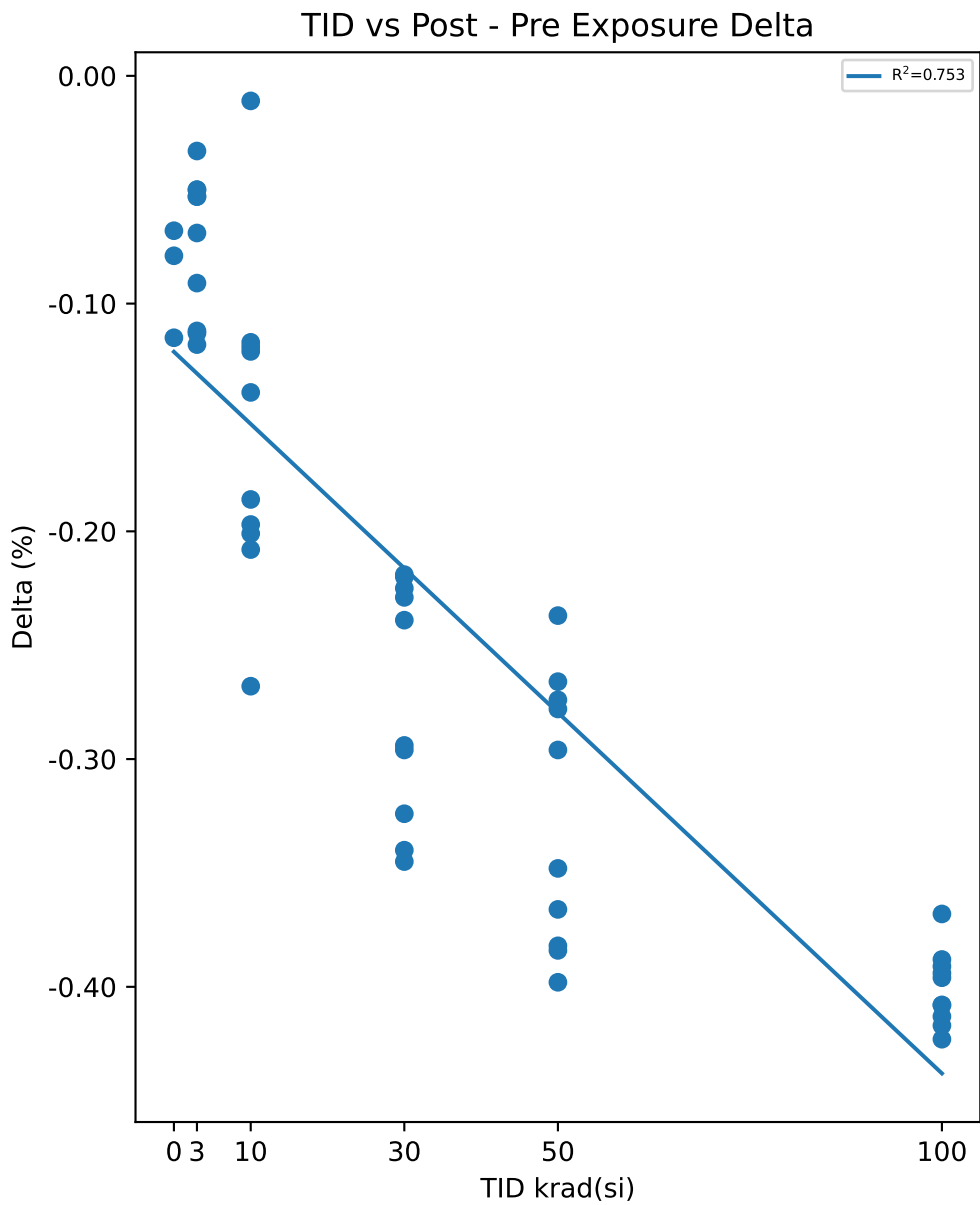
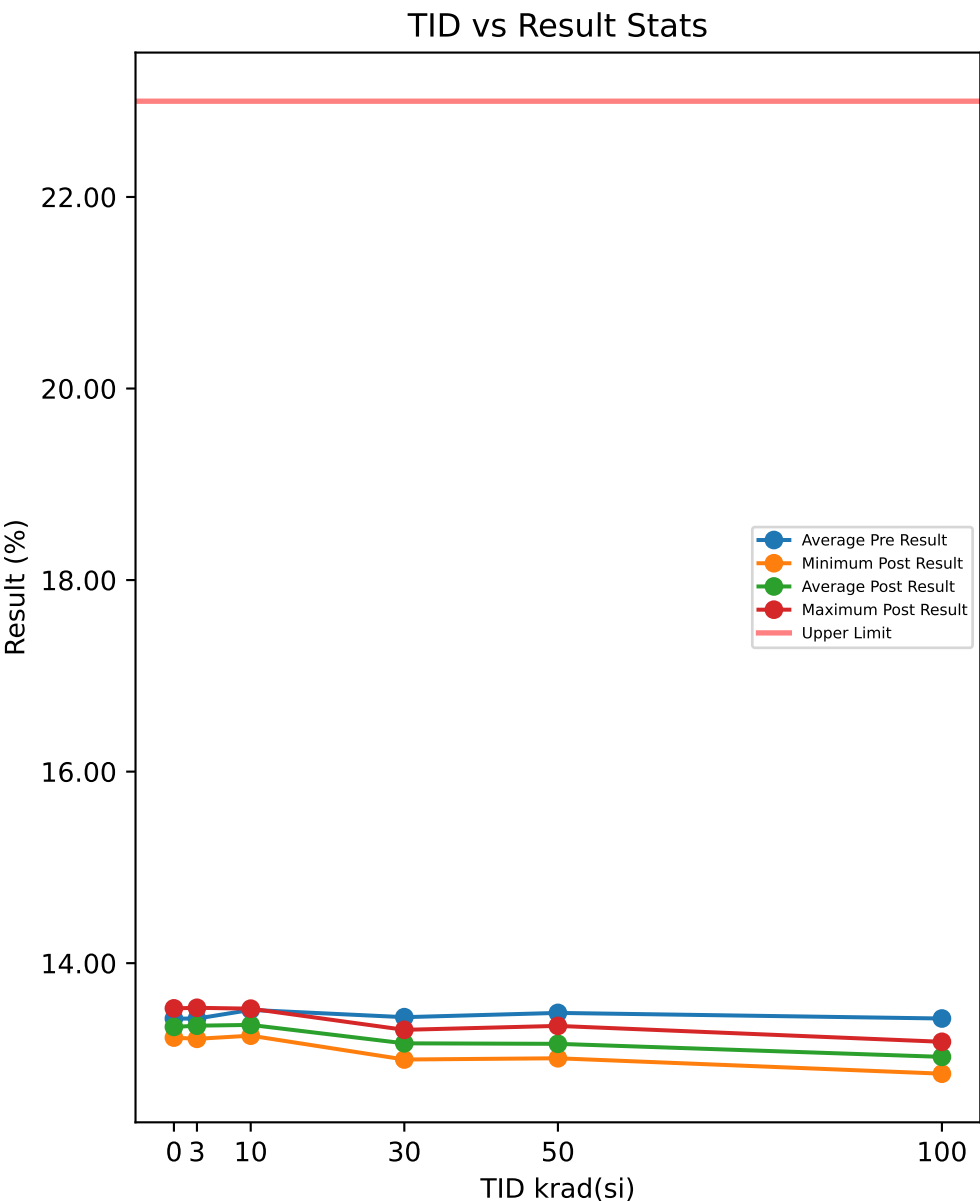


Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	98.726	98.735	0.009
301	0	Correlation	98.729	98.734	0.005
302	0	Correlation	98.717	98.722	0.005
303	3	Bias	98.721	98.725	0.004
304	3	Bias	98.719	98.722	0.003
305	3	Bias	98.722	98.726	0.004
306	3	Bias	98.727	98.729	0.002
307	3	Bias	98.72	98.725	0.005
308	3	Unbiased	98.719	98.721	0.002
309	3	Unbiased	98.722	98.723	0.001
310	3	Unbiased	98.724	98.724	0
311	3	Unbiased	98.726	98.728	0.002
312	3	Unbiased	98.727	98.729	0.002
313	10	Bias	98.718	98.721	0.003
314	10	Bias	98.717	98.72	0.003
315	10	Bias	98.713	98.716	0.003
316	10	Bias	98.706	98.708	0.002
317	10	Bias	98.714	98.715	0.001
318	10	Unbiased	98.719	98.721	0.002
319	10	Unbiased	98.717	98.722	0.005
320	10	Unbiased	98.714	98.72	0.006
321	10	Unbiased	98.718	98.717	-0.001
322	10	Unbiased	98.709	98.713	0.004
323	30	Bias	98.717	98.719	0.002
324	30	Bias	98.714	98.715	0.001
325	30	Bias	98.711	98.713	0.002
326	30	Bias	98.718	98.722	0.004
327	30	Bias	98.7	98.702	0.002
328	30	Unbiased	98.718	98.72	0.002
329	30	Unbiased	98.716	98.717	0.001
330	30	Unbiased	98.713	98.714	0.001
331	30	Unbiased	98.719	98.72	0.001
332	30	Unbiased	98.713	98.716	0.003
333	50	Bias	98.715	98.717	0.002
334	50	Bias	98.712	98.714	0.002
335	50	Bias	98.721	98.722	0.001
336	50	Bias	98.722	98.724	0.002
337	50	Bias	98.708	98.71	0.002
338	50	Unbiased	98.71	98.713	0.003
339	50	Unbiased	98.726	98.723	-0.003
340	50	Unbiased	98.717	98.714	-0.003
341	50	Unbiased	98.726	98.723	-0.003
342	50	Unbiased	98.715	98.714	-0.001
343	100	Bias	98.725	98.721	-0.004
344	100	Bias	98.724	98.721	-0.003
345	100	Bias	98.722	98.718	-0.004
346	100	Bias	98.715	98.711	-0.004
347	100	Bias	98.722	98.718	-0.004
348	100	Unbiased	98.721	98.717	-0.004
349	100	Unbiased	98.709	98.705	-0.004
350	100	Unbiased	98.721	98.718	-0.003
351	100	Unbiased	98.716	98.71	-0.006
352	100	Unbiased	98.733	98.728	-0.005

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.717	98.724	98.729	0.006245	98.722	98.73	98.735	0.0072342	0.005	0.0063333	0.009	0.0023094
3	98.719	98.723	98.727	0.0031287	98.721	98.725	98.729	0.0028206	0	0.0025	0.005	0.0015092
10	98.706	98.715	98.719	0.0042492	98.708	98.717	98.722	0.0044234	-0.001	0.0028	0.006	0.0019889
30	98.7	98.714	98.719	0.0055468	98.702	98.716	98.722	0.0056529	0.001	0.0019	0.004	0.00099443
50	98.708	98.717	98.726	0.0063736	98.71	98.717	98.724	0.0051251	-0.003	0.0002	0.003	0.0024404
100	98.709	98.721	98.733	0.0064601	98.705	98.717	98.728	0.0065328	-0.006	-0.0041	-0.003	0.0008756

Device Test: 6.113; VOL_RESET_10MA



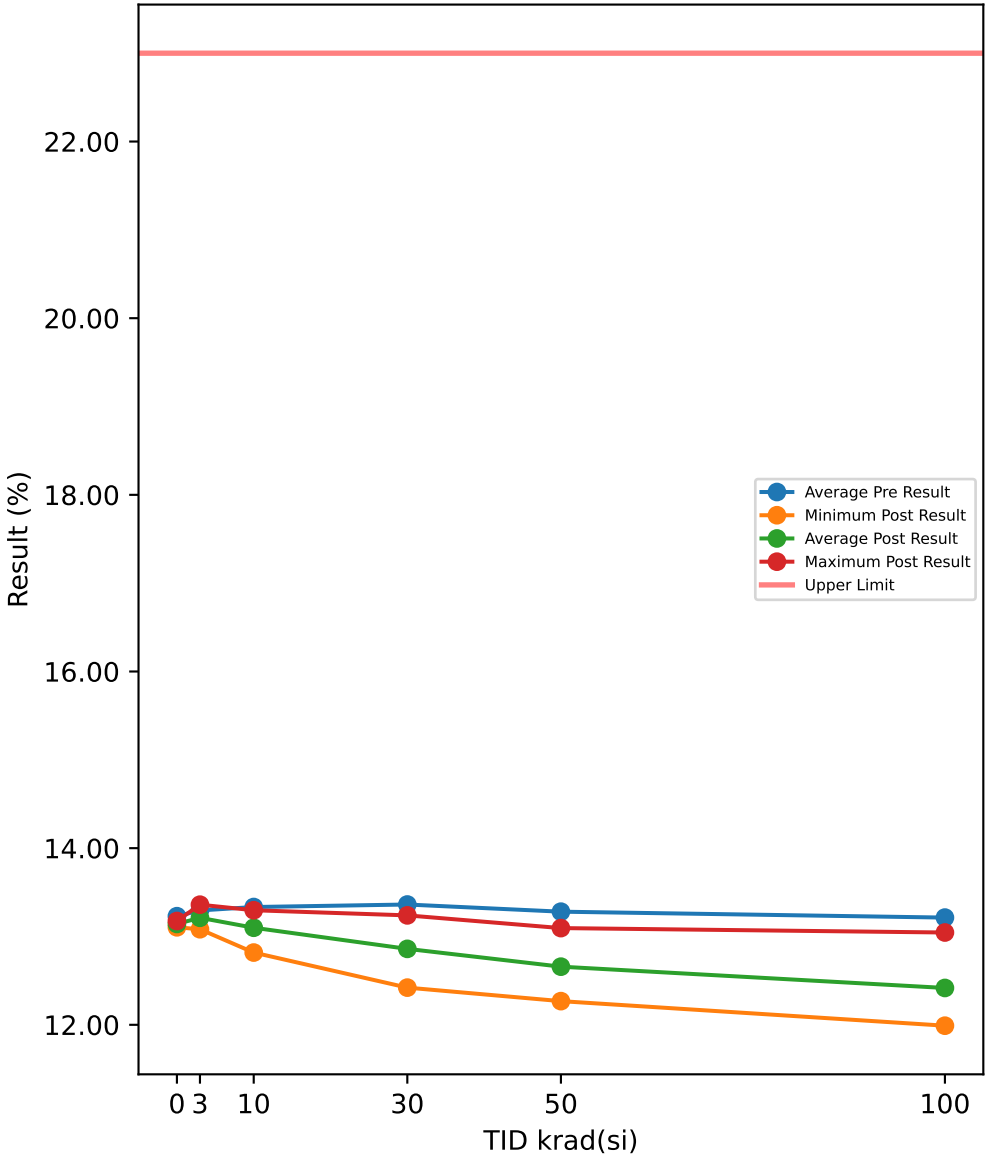
Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	13.367	13.252	-0.115
301	0	Correlation	13.302	13.223	-0.079
302	0	Correlation	13.596	13.528	-0.068
303	3	Bias	13.355	13.242	-0.113
304	3	Bias	13.652	13.534	-0.118
305	3	Bias	13.428	13.316	-0.112
306	3	Bias	13.43	13.339	-0.091
307	3	Bias	13.42	13.351	-0.069
308	3	Unbiased	13.409	13.356	-0.053
309	3	Unbiased	13.552	13.502	-0.05
310	3	Unbiased	13.398	13.365	-0.033
311	3	Unbiased	13.26	13.21	-0.05
312	3	Unbiased	13.31	13.257	-0.053
313	10	Bias	13.51	13.324	-0.186
314	10	Bias	13.589	13.388	-0.201
315	10	Bias	13.463	13.266	-0.197
316	10	Bias	13.478	13.357	-0.121
317	10	Bias	13.49	13.282	-0.208
318	10	Unbiased	13.464	13.347	-0.117
319	10	Unbiased	13.362	13.243	-0.119
320	10	Unbiased	13.612	13.344	-0.268
321	10	Unbiased	13.489	13.478	-0.011
322	10	Unbiased	13.664	13.525	-0.139
323	30	Bias	13.431	13.135	-0.296
324	30	Bias	13.378	13.084	-0.294
325	30	Bias	13.601	13.256	-0.345
326	30	Bias	13.334	12.994	-0.34
327	30	Bias	13.519	13.195	-0.324
328	30	Unbiased	13.334	13.115	-0.219
329	30	Unbiased	13.524	13.304	-0.22
330	30	Unbiased	13.355	13.126	-0.229
331	30	Unbiased	13.479	13.24	-0.239
332	30	Unbiased	13.406	13.181	-0.225
333	50	Bias	13.355	13.007	-0.348
334	50	Bias	13.553	13.187	-0.366
335	50	Bias	13.429	13.045	-0.384
336	50	Bias	13.503	13.121	-0.382
337	50	Bias	13.691	13.293	-0.398
338	50	Unbiased	13.412	13.116	-0.296
339	50	Unbiased	13.256	13.019	-0.237
340	50	Unbiased	13.49	13.216	-0.274
341	50	Unbiased	13.495	13.229	-0.266
342	50	Unbiased	13.623	13.345	-0.278
343	100	Bias	13.388	12.997	-0.391
344	100	Bias	13.462	13.054	-0.408
345	100	Bias	13.394	12.981	-0.413
346	100	Bias	13.505	13.097	-0.408
347	100	Bias	13.457	13.063	-0.394
348	100	Unbiased	13.575	13.179	-0.396
349	100	Unbiased	13.42	13.052	-0.368
350	100	Unbiased	13.269	12.846	-0.423
351	100	Unbiased	13.472	13.055	-0.417
352	100	Unbiased	13.28	12.892	-0.388

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.302	13.422	13.596	0.15444	13.223	13.334	13.528	0.16835	-0.115	-0.087333	-0.068	0.024583
3	13.26	13.421	13.652	0.11251	13.21	13.347	13.534	0.10453	-0.118	-0.0742	-0.033	0.031499
10	13.362	13.512	13.664	0.087185	13.243	13.355	13.525	0.08948	-0.268	-0.1567	-0.011	0.070929
30	13.334	13.436	13.601	0.091509	12.994	13.163	13.304	0.091327	-0.345	-0.2731	-0.219	0.052031
50	13.256	13.481	13.691	0.12657	13.007	13.158	13.345	0.11569	-0.398	-0.3229	-0.237	0.058785
100	13.269	13.422	13.575	0.09495	12.846	13.022	13.179	0.097267	-0.423	-0.4006	-0.368	0.016372

Device Test: 6.114; VOL_RESET_10MA

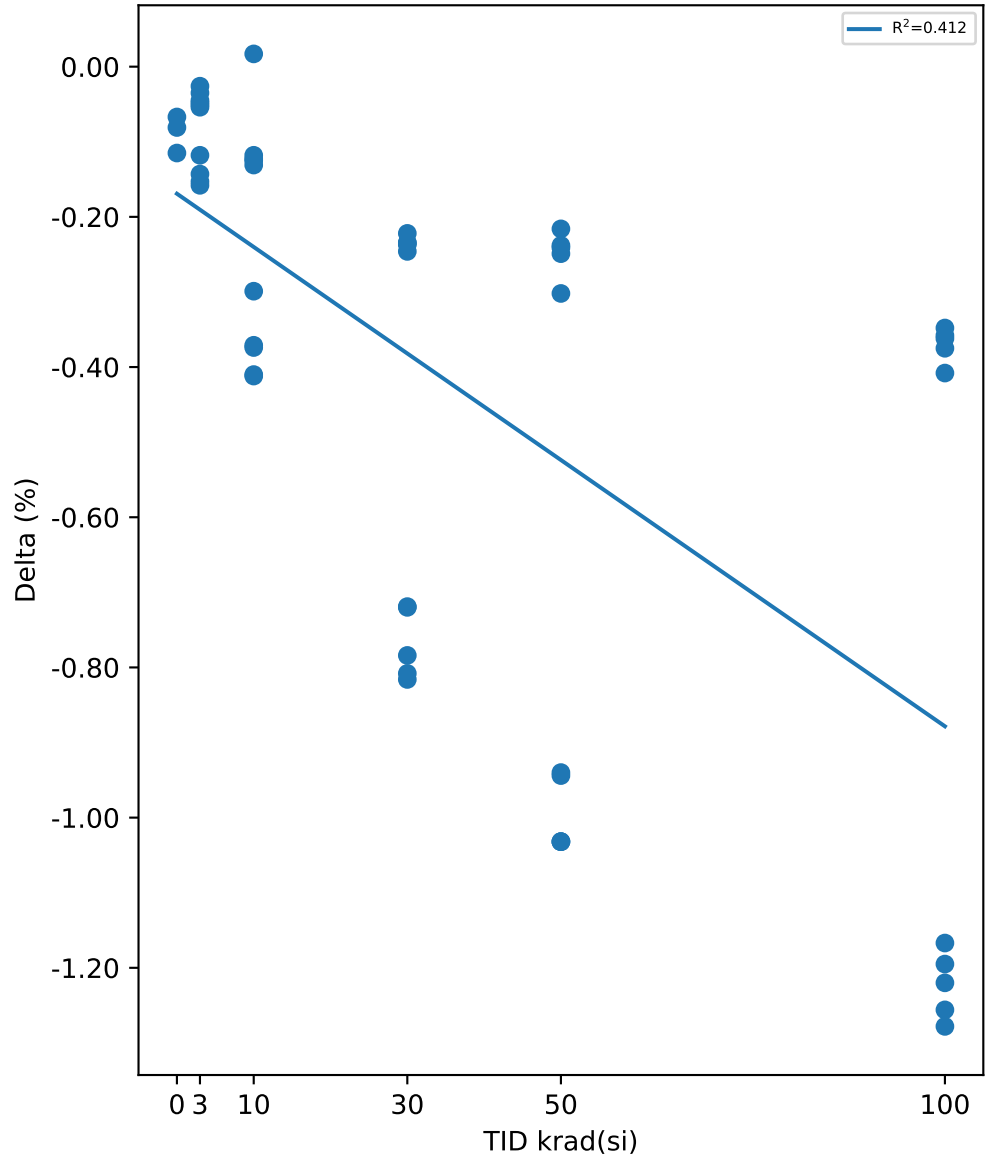
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	13.29	13.175	-0.115
301	0	Correlation	13.185	13.104	-0.081
302	0	Correlation	13.214	13.147	-0.067
303	3	Bias	13.292	13.149	-0.143
304	3	Bias	13.328	13.175	-0.153
305	3	Bias	13.401	13.243	-0.158
306	3	Bias	13.302	13.184	-0.118
307	3	Bias	13.351	13.306	-0.045
308	3	Unbiased	13.376	13.35	-0.026
309	3	Unbiased	13.179	13.131	-0.048
310	3	Unbiased	13.395	13.36	-0.035
311	3	Unbiased	13.188	13.137	-0.051
312	3	Unbiased	13.136	13.082	-0.054
313	10	Bias	13.424	13.053	-0.371
314	10	Bias	13.192	12.818	-0.374
315	10	Bias	13.416	13.006	-0.41
316	10	Bias	13.283	13.16	-0.123
317	10	Bias	13.472	13.06	-0.412
318	10	Unbiased	13.136	13.018	-0.118
319	10	Unbiased	13.397	13.272	-0.125
320	10	Unbiased	13.28	13.297	0.017
321	10	Unbiased	13.448	13.149	-0.299
322	10	Unbiased	13.287	13.156	-0.131
323	30	Bias	13.431	12.711	-0.72
324	30	Bias	13.377	12.658	-0.719
325	30	Bias	13.237	12.421	-0.816
326	30	Bias	13.281	12.473	-0.808
327	30	Bias	13.519	12.735	-0.784
328	30	Unbiased	13.297	13.063	-0.234
329	30	Unbiased	13.461	13.239	-0.222
330	30	Unbiased	13.212	12.977	-0.235
331	30	Unbiased	13.368	13.122	-0.246
332	30	Unbiased	13.436	13.199	-0.237
333	50	Bias	13.332	12.388	-0.944
334	50	Bias	13.208	12.268	-0.94
335	50	Bias	13.376	12.344	-1.032
336	50	Bias	13.4	12.368	-1.032
337	50	Bias	13.41	12.378	-1.032
338	50	Unbiased	13.292	12.99	-0.302
339	50	Unbiased	13.093	12.877	-0.216
340	50	Unbiased	13.213	12.964	-0.249
341	50	Unbiased	13.336	13.095	-0.241
342	50	Unbiased	13.148	12.91	-0.238
343	100	Bias	13.157	11.99	-1.167
344	100	Bias	13.253	12.058	-1.195
345	100	Bias	13.264	12.008	-1.256
346	100	Bias	13.311	12.033	-1.278
347	100	Bias	13.274	12.054	-1.22
348	100	Unbiased	13.124	12.776	-0.348
349	100	Unbiased	13.403	13.045	-0.358
350	100	Unbiased	13.161	12.753	-0.408
351	100	Unbiased	13.091	12.716	-0.375
352	100	Unbiased	13.101	12.739	-0.362

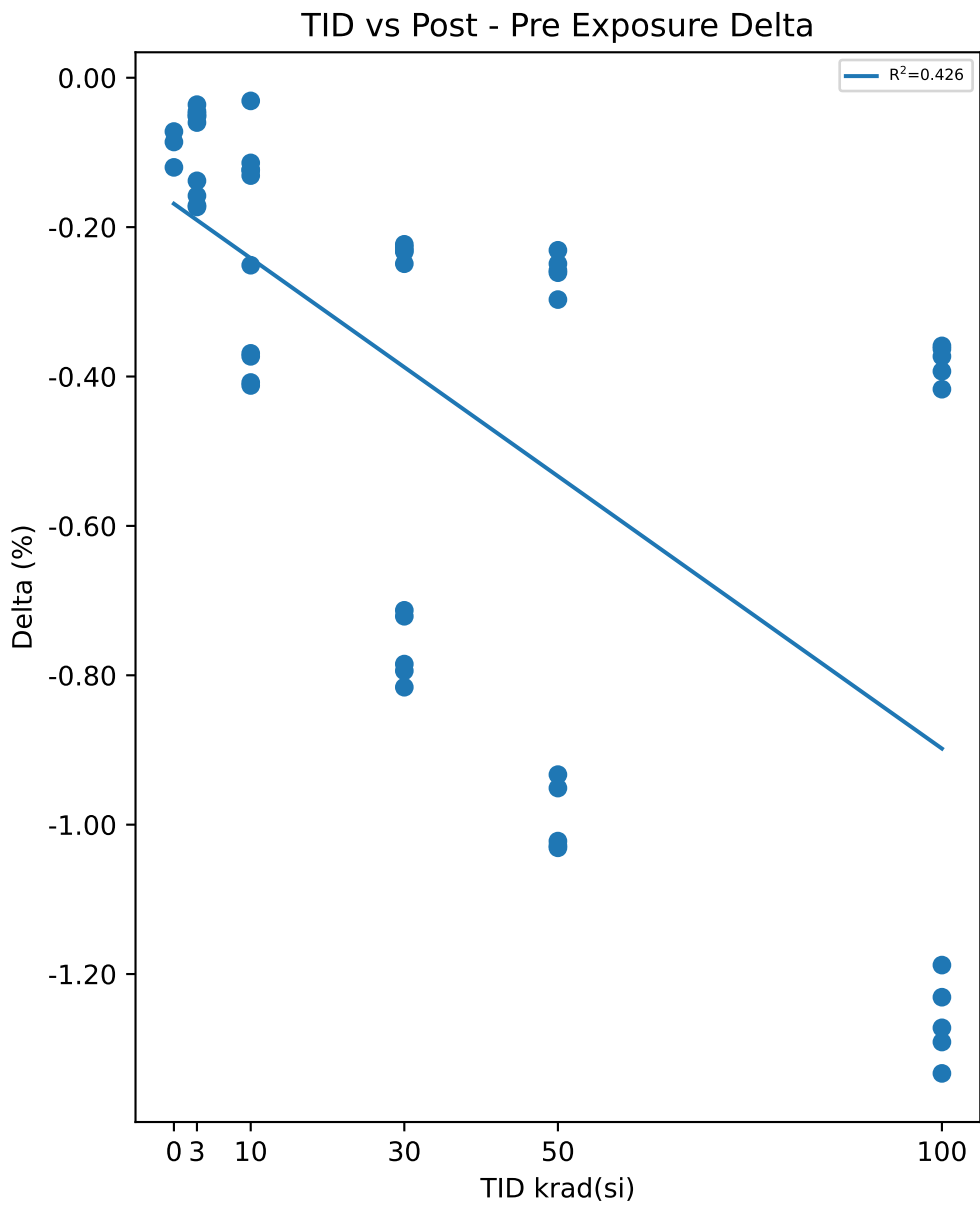
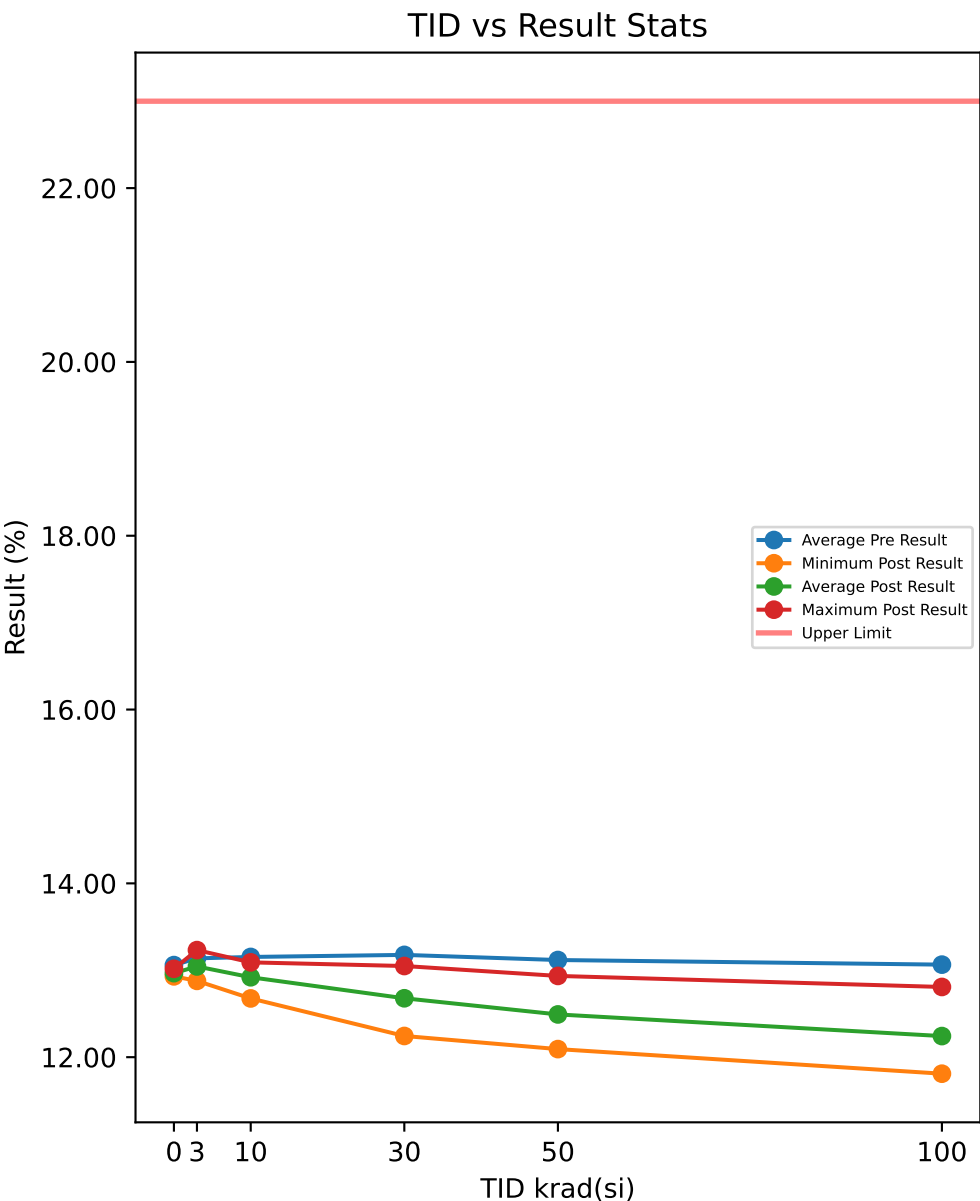
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.185	13.23	13.29	0.054225	13.104	13.142	13.175	0.035763	-0.115	-0.087667	-0.067	0.024685
3	13.136	13.295	13.401	0.095607	13.082	13.212	13.36	0.097725	-0.158	-0.0831	-0.026	0.053163
10	13.136	13.334	13.472	0.11447	12.818	13.099	13.297	0.14	-0.412	-0.2346	0.017	0.15511
30	13.212	13.362	13.519	0.10212	12.421	12.86	13.239	0.29874	-0.816	-0.5021	-0.222	0.28356
50	13.093	13.281	13.41	0.10983	12.268	12.658	13.095	0.33206	-1.032	-0.6226	-0.216	0.39554
100	13.091	13.214	13.403	0.10264	11.99	12.417	13.045	0.41992	-1.278	-0.7967	-0.348	0.45083

Device Test: 6.115; VOL_RESET_10MA

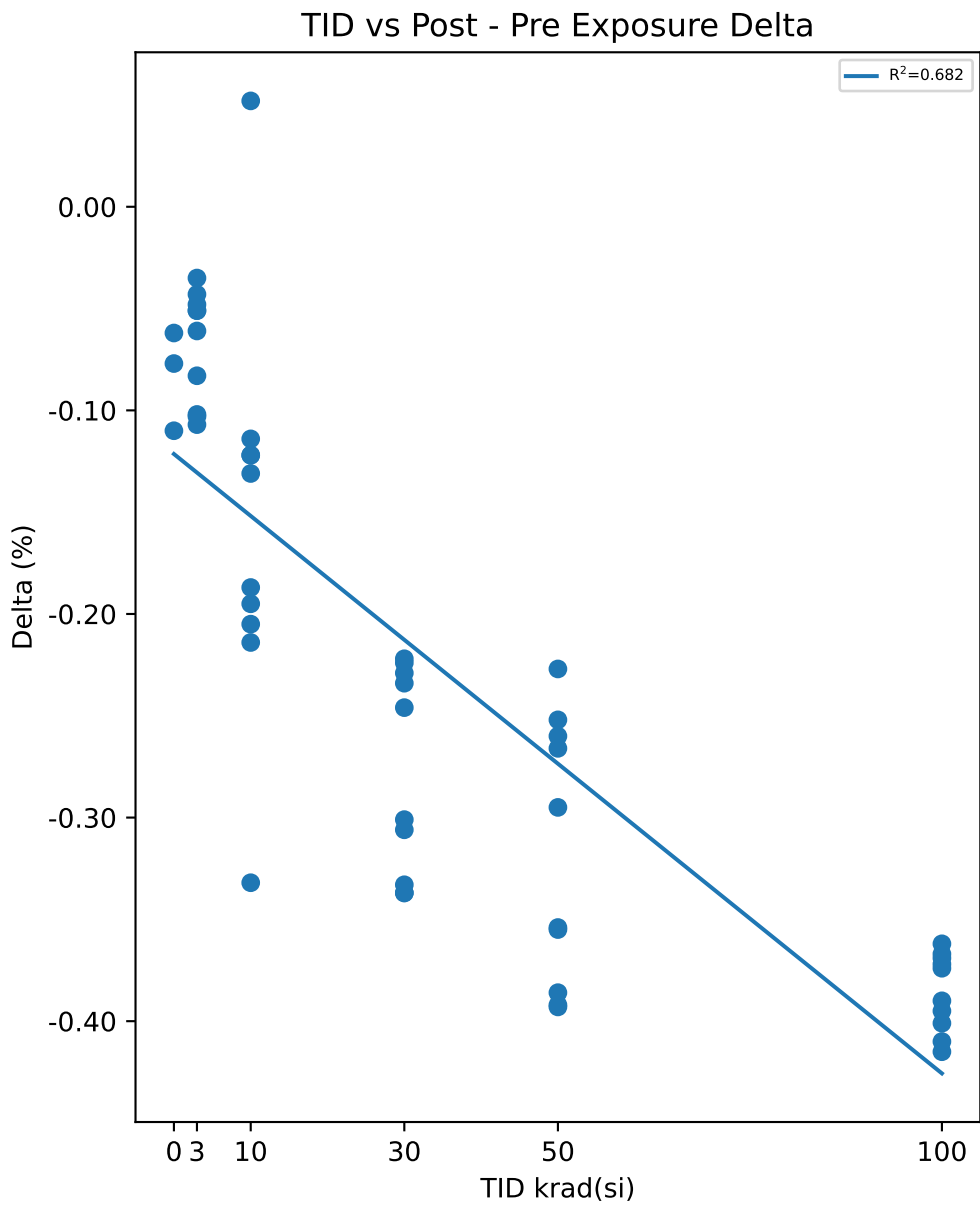
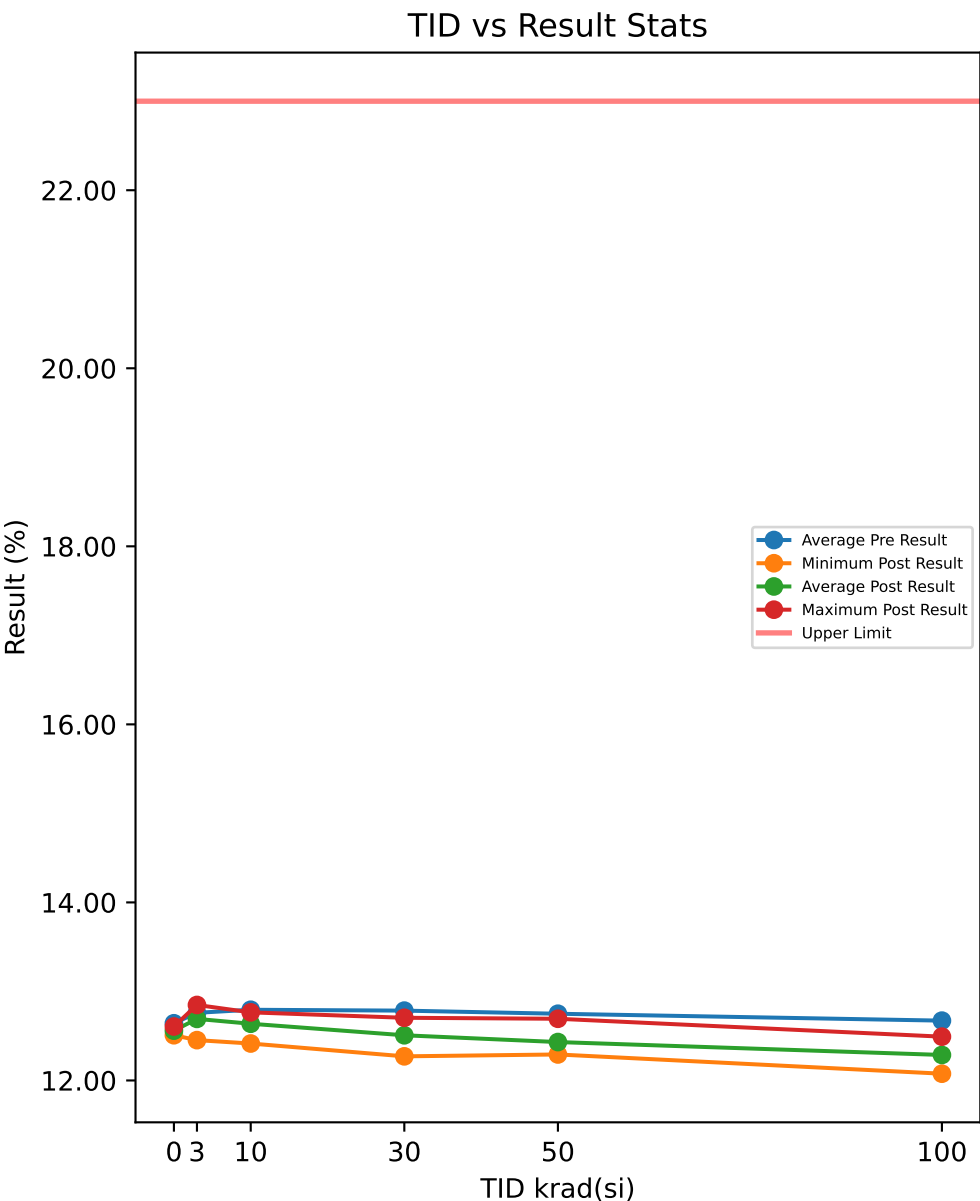


Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	13.137	13.017	-0.12
301	0	Correlation	13.016	12.93	-0.086
302	0	Correlation	13.026	12.954	-0.072
303	3	Bias	13.111	12.953	-0.158
304	3	Bias	13.273	13.1	-0.173
305	3	Bias	13.162	12.991	-0.171
306	3	Bias	13.192	13.054	-0.138
307	3	Bias	13.176	13.116	-0.06
308	3	Unbiased	13.277	13.232	-0.045
309	3	Unbiased	13.049	13.001	-0.048
310	3	Unbiased	13.212	13.176	-0.036
311	3	Unbiased	12.989	12.938	-0.051
312	3	Unbiased	12.93	12.878	-0.052
313	10	Bias	13.263	12.894	-0.369
314	10	Bias	13.049	12.676	-0.373
315	10	Bias	13.198	12.79	-0.408
316	10	Bias	13.11	12.987	-0.123
317	10	Bias	13.294	12.882	-0.412
318	10	Unbiased	12.935	12.821	-0.114
319	10	Unbiased	13.171	13.047	-0.124
320	10	Unbiased	13.122	13.091	-0.031
321	10	Unbiased	13.242	12.991	-0.251
322	10	Unbiased	13.149	13.018	-0.131
323	30	Bias	13.272	12.551	-0.721
324	30	Bias	13.163	12.45	-0.713
325	30	Bias	13.1	12.284	-0.816
326	30	Bias	13.038	12.244	-0.794
327	30	Bias	13.344	12.559	-0.785
328	30	Unbiased	13.063	12.836	-0.227
329	30	Unbiased	13.272	13.049	-0.223
330	30	Unbiased	13.015	12.784	-0.231
331	30	Unbiased	13.281	13.032	-0.249
332	30	Unbiased	13.222	12.989	-0.233
333	50	Bias	13.124	12.191	-0.933
334	50	Bias	13.044	12.093	-0.951
335	50	Bias	13.208	12.186	-1.022
336	50	Bias	13.287	12.259	-1.028
337	50	Bias	13.239	12.208	-1.031
338	50	Unbiased	13.103	12.806	-0.297
339	50	Unbiased	12.938	12.707	-0.231
340	50	Unbiased	13.039	12.778	-0.261
341	50	Unbiased	13.193	12.935	-0.258
342	50	Unbiased	13.005	12.756	-0.249
343	100	Bias	12.998	11.81	-1.188
344	100	Bias	13.143	11.912	-1.231
345	100	Bias	13.097	11.825	-1.272
346	100	Bias	13.277	11.944	-1.333
347	100	Bias	13.177	11.886	-1.291
348	100	Unbiased	12.964	12.605	-0.359
349	100	Unbiased	13.171	12.808	-0.363
350	100	Unbiased	12.967	12.55	-0.417
351	100	Unbiased	13.007	12.614	-0.393
352	100	Unbiased	12.848	12.475	-0.373

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.016	13.06	13.137	0.067159	12.93	12.967	13.017	0.044933	-0.12	-0.092667	-0.072	0.024685
3	12.93	13.137	13.277	0.11646	12.878	13.044	13.232	0.11201	-0.173	-0.0932	-0.036	0.058543
10	12.935	13.153	13.294	0.10719	12.676	12.92	13.091	0.13032	-0.412	-0.2336	-0.031	0.14546
30	13.015	13.177	13.344	0.11713	12.244	12.678	13.049	0.30217	-0.816	-0.4992	-0.223	0.28277
50	12.938	13.118	13.287	0.11258	12.093	12.492	12.935	0.32846	-1.031	-0.6261	-0.231	0.38835
100	12.848	13.065	13.277	0.12935	11.81	12.243	12.808	0.39786	-1.333	-0.822	-0.359	0.46661

Device Test: 6.116; VOL_RESET_10MA

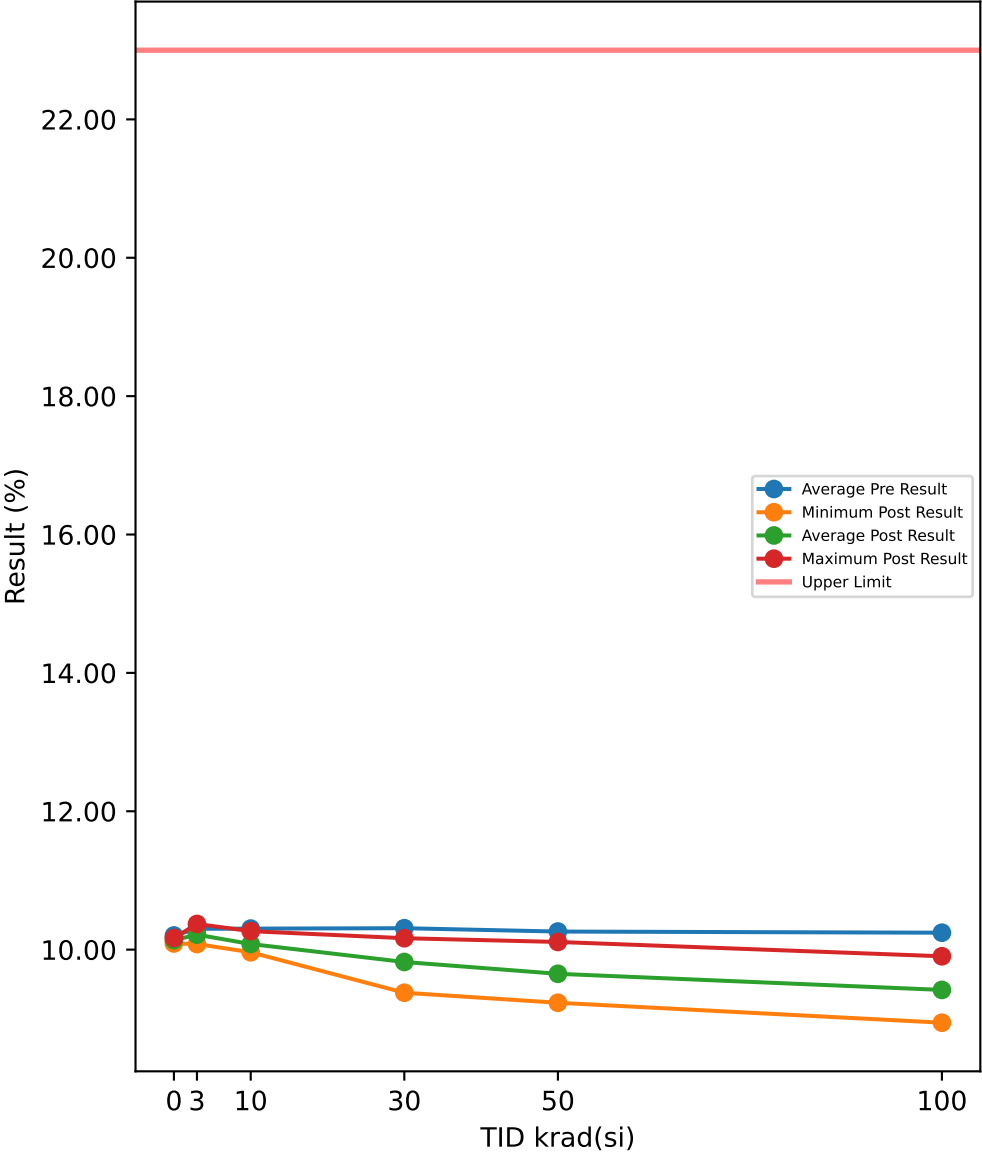


Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.716	12.606	-0.11
301	0	Correlation	12.585	12.508	-0.077
302	0	Correlation	12.626	12.564	-0.062
303	3	Bias	12.722	12.62	-0.102
304	3	Bias	12.951	12.848	-0.103
305	3	Bias	12.847	12.74	-0.107
306	3	Bias	12.797	12.714	-0.083
307	3	Bias	12.834	12.773	-0.061
308	3	Unbiased	12.872	12.829	-0.043
309	3	Unbiased	12.654	12.606	-0.048
310	3	Unbiased	12.851	12.816	-0.035
311	3	Unbiased	12.568	12.517	-0.051
312	3	Unbiased	12.504	12.453	-0.051
313	10	Bias	12.901	12.714	-0.187
314	10	Bias	12.668	12.473	-0.195
315	10	Bias	12.88	12.675	-0.205
316	10	Bias	12.704	12.582	-0.122
317	10	Bias	12.979	12.765	-0.214
318	10	Unbiased	12.529	12.415	-0.114
319	10	Unbiased	12.817	12.695	-0.122
320	10	Unbiased	12.713	12.765	0.052
321	10	Unbiased	12.916	12.584	-0.332
322	10	Unbiased	12.834	12.703	-0.131
323	30	Bias	12.9	12.594	-0.306
324	30	Bias	12.769	12.468	-0.301
325	30	Bias	12.704	12.367	-0.337
326	30	Bias	12.604	12.271	-0.333
327	30	Bias	13.008	12.671	-0.337
328	30	Unbiased	12.634	12.41	-0.224
329	30	Unbiased	12.926	12.704	-0.222
330	30	Unbiased	12.596	12.367	-0.229
331	30	Unbiased	12.874	12.628	-0.246
332	30	Unbiased	12.829	12.595	-0.234
333	50	Bias	12.723	12.368	-0.355
334	50	Bias	12.662	12.308	-0.354
335	50	Bias	12.875	12.482	-0.393
336	50	Bias	12.901	12.515	-0.386
337	50	Bias	12.844	12.452	-0.392
338	50	Unbiased	12.706	12.411	-0.295
339	50	Unbiased	12.519	12.292	-0.227
340	50	Unbiased	12.713	12.447	-0.266
341	50	Unbiased	12.953	12.693	-0.26
342	50	Unbiased	12.598	12.346	-0.252
343	100	Bias	12.559	12.185	-0.374
344	100	Bias	12.78	12.379	-0.401
345	100	Bias	12.793	12.383	-0.41
346	100	Bias	12.801	12.411	-0.39
347	100	Bias	12.68	12.313	-0.367
348	100	Unbiased	12.608	12.246	-0.362
349	100	Unbiased	12.864	12.492	-0.372
350	100	Unbiased	12.576	12.161	-0.415
351	100	Unbiased	12.614	12.219	-0.395
352	100	Unbiased	12.445	12.076	-0.369

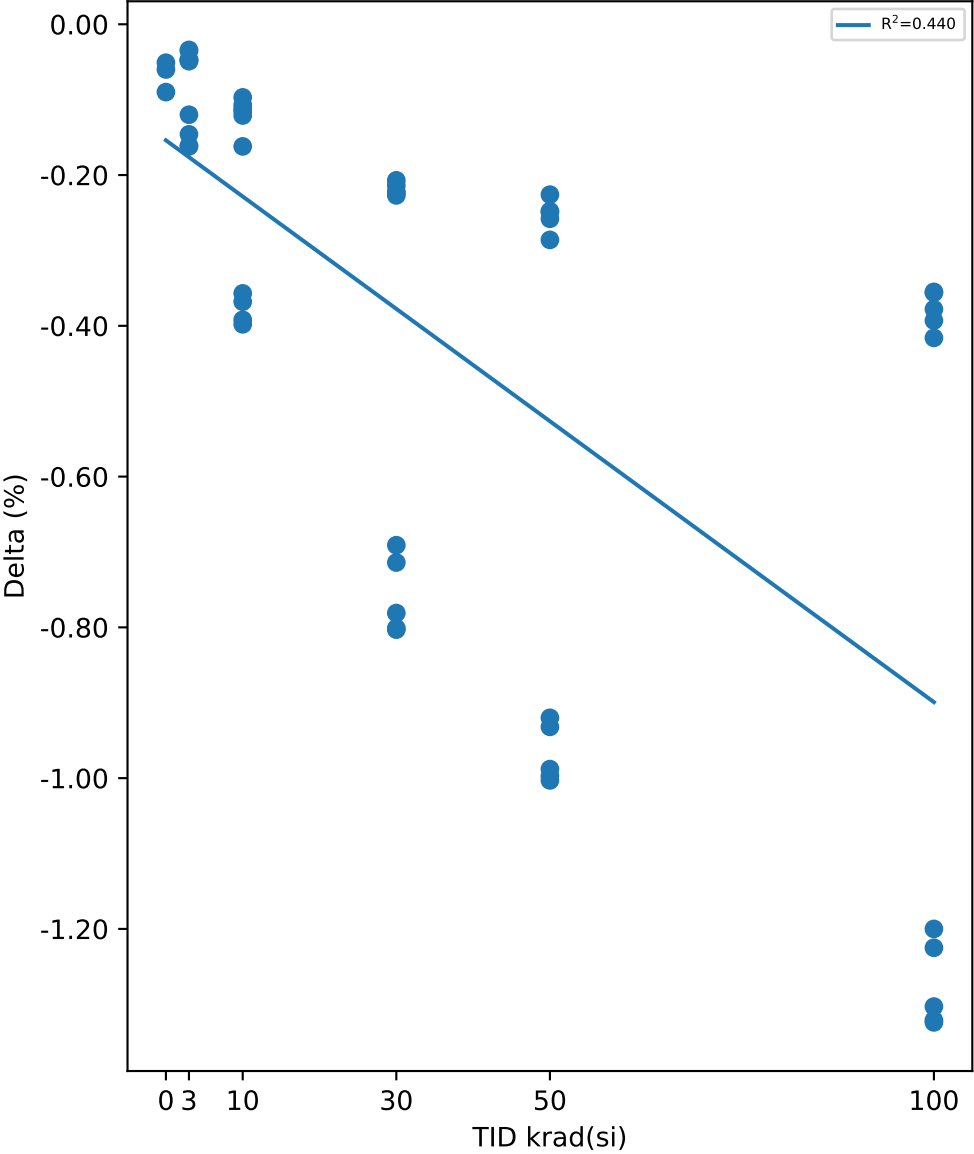
Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.585	12.642	12.716	0.06701	12.508	12.559	12.606	0.049166	-0.11	-0.083	-0.062	0.024556
3	12.504	12.76	12.951	0.14407	12.453	12.692	12.848	0.13669	-0.107	-0.0684	-0.035	0.027621
10	12.529	12.794	12.979	0.13778	12.415	12.637	12.765	0.12013	-0.332	-0.157	0.052	0.09842
30	12.596	12.784	13.008	0.1456	12.271	12.508	12.704	0.14962	-0.337	-0.2769	-0.222	0.050223
50	12.519	12.749	12.953	0.14012	12.292	12.431	12.693	0.11787	-0.393	-0.318	-0.227	0.064656
100	12.445	12.672	12.864	0.13369	12.076	12.287	12.492	0.13032	-0.415	-0.3855	-0.362	0.019156

Device Test: 6.117; VOL_WDO_10MA

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 23.0 (%))

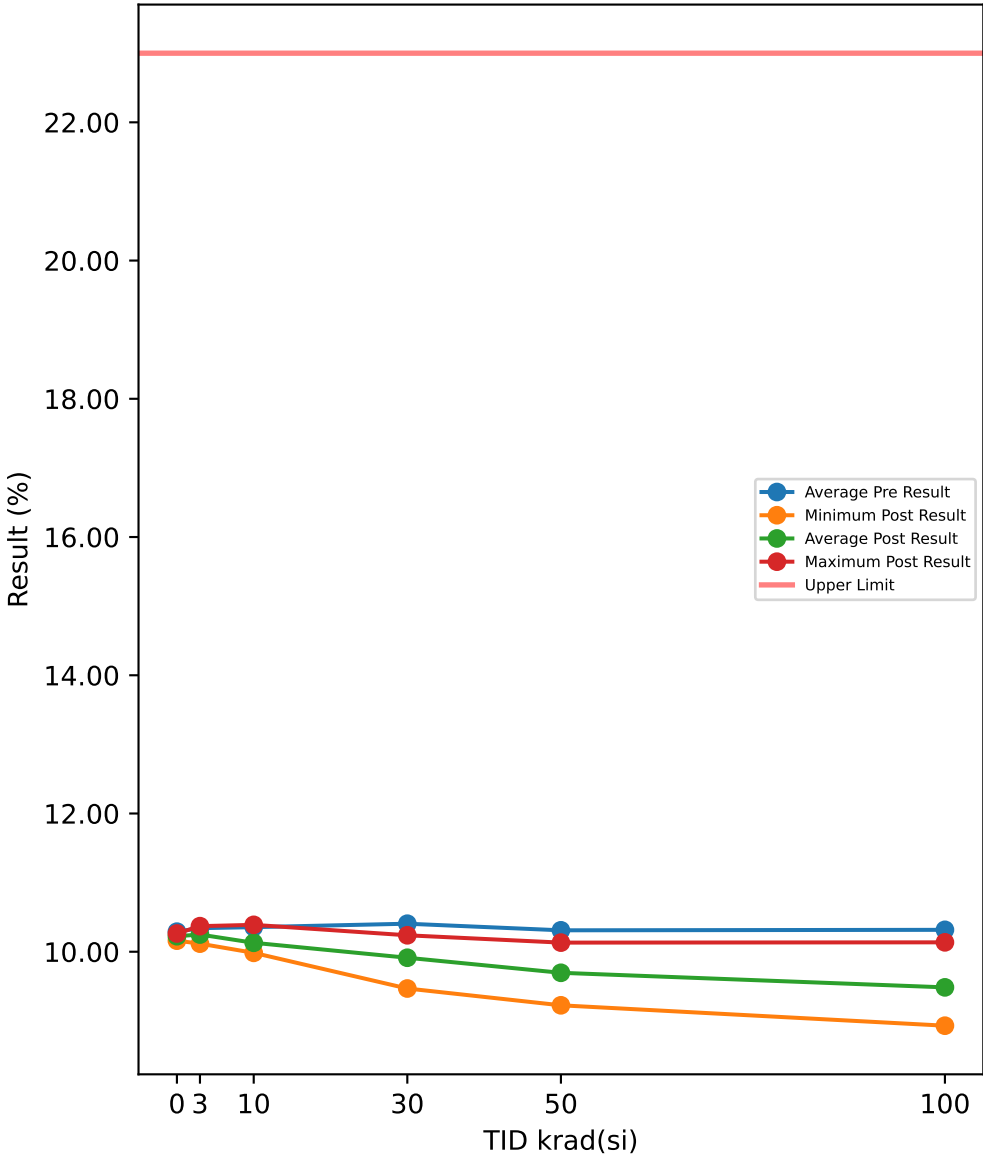
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	10.258	10.168	-0.09
301	0	Correlation	10.149	10.089	-0.06
302	0	Correlation	10.207	10.156	-0.051
303	3	Bias	10.361	10.215	-0.146
304	3	Bias	10.418	10.256	-0.162
305	3	Bias	10.316	10.155	-0.161
306	3	Bias	10.201	10.081	-0.12
307	3	Bias	10.383	10.335	-0.048
308	3	Unbiased	10.406	10.371	-0.035
309	3	Unbiased	10.253	10.204	-0.049
310	3	Unbiased	10.351	10.317	-0.034
311	3	Unbiased	10.152	10.105	-0.047
312	3	Unbiased	10.171	10.124	-0.047
313	10	Bias	10.325	9.968	-0.357
314	10	Bias	10.371	10.003	-0.368
315	10	Bias	10.376	9.978	-0.398
316	10	Bias	10.21	10.095	-0.115
317	10	Bias	10.354	9.962	-0.392
318	10	Unbiased	10.233	10.126	-0.107
319	10	Unbiased	10.379	10.267	-0.112
320	10	Unbiased	10.196	10.099	-0.097
321	10	Unbiased	10.238	10.076	-0.162
322	10	Unbiased	10.357	10.236	-0.121
323	30	Bias	10.502	9.788	-0.714
324	30	Bias	10.267	9.576	-0.691
325	30	Bias	10.34	9.537	-0.803
326	30	Bias	10.158	9.377	-0.781
327	30	Bias	10.491	9.69	-0.801
328	30	Unbiased	10.206	9.992	-0.214
329	30	Unbiased	10.324	10.117	-0.207
330	30	Unbiased	10.188	9.964	-0.224
331	30	Unbiased	10.234	10.007	-0.227
332	30	Unbiased	10.387	10.165	-0.222
333	50	Bias	10.152	9.232	-0.92
334	50	Bias	10.243	9.311	-0.932
335	50	Bias	10.327	9.33	-0.997
336	50	Bias	10.294	9.306	-0.988
337	50	Bias	10.302	9.299	-1.003
338	50	Unbiased	10.245	9.959	-0.286
339	50	Unbiased	10.126	9.9	-0.226
340	50	Unbiased	10.33	10.072	-0.258
341	50	Unbiased	10.36	10.111	-0.249
342	50	Unbiased	10.234	9.986	-0.248
343	100	Bias	10.144	8.944	-1.2
344	100	Bias	10.237	9.012	-1.225
345	100	Bias	10.352	9.049	-1.303
346	100	Bias	10.395	9.071	-1.324
347	100	Bias	10.282	8.961	-1.321
348	100	Unbiased	10.186	9.83	-0.356
349	100	Unbiased	10.259	9.904	-0.355
350	100	Unbiased	10.222	9.806	-0.416
351	100	Unbiased	10.243	9.85	-0.393
352	100	Unbiased	10.127	9.749	-0.378

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.149	10.205	10.258	0.054537	10.089	10.138	10.168	0.042572	-0.09	-0.067	-0.051	0.020421
3	10.152	10.301	10.418	0.099536	10.081	10.216	10.371	0.10158	-0.162	-0.0849	-0.034	0.055081
10	10.196	10.304	10.379	0.075237	9.962	10.081	10.267	0.10792	-0.398	-0.2229	-0.097	0.13565
30	10.158	10.31	10.502	0.1216	9.377	9.8213	10.165	0.26798	-0.803	-0.4884	-0.207	0.28634
50	10.126	10.261	10.36	0.076813	9.232	9.6506	10.111	0.37934	-1.003	-0.6107	-0.226	0.3778
100	10.127	10.245	10.395	0.08414	8.944	9.4176	9.904	0.43558	-1.324	-0.8271	-0.355	0.4736

Device Test: 6.118; VOL_PWRGD_10MA

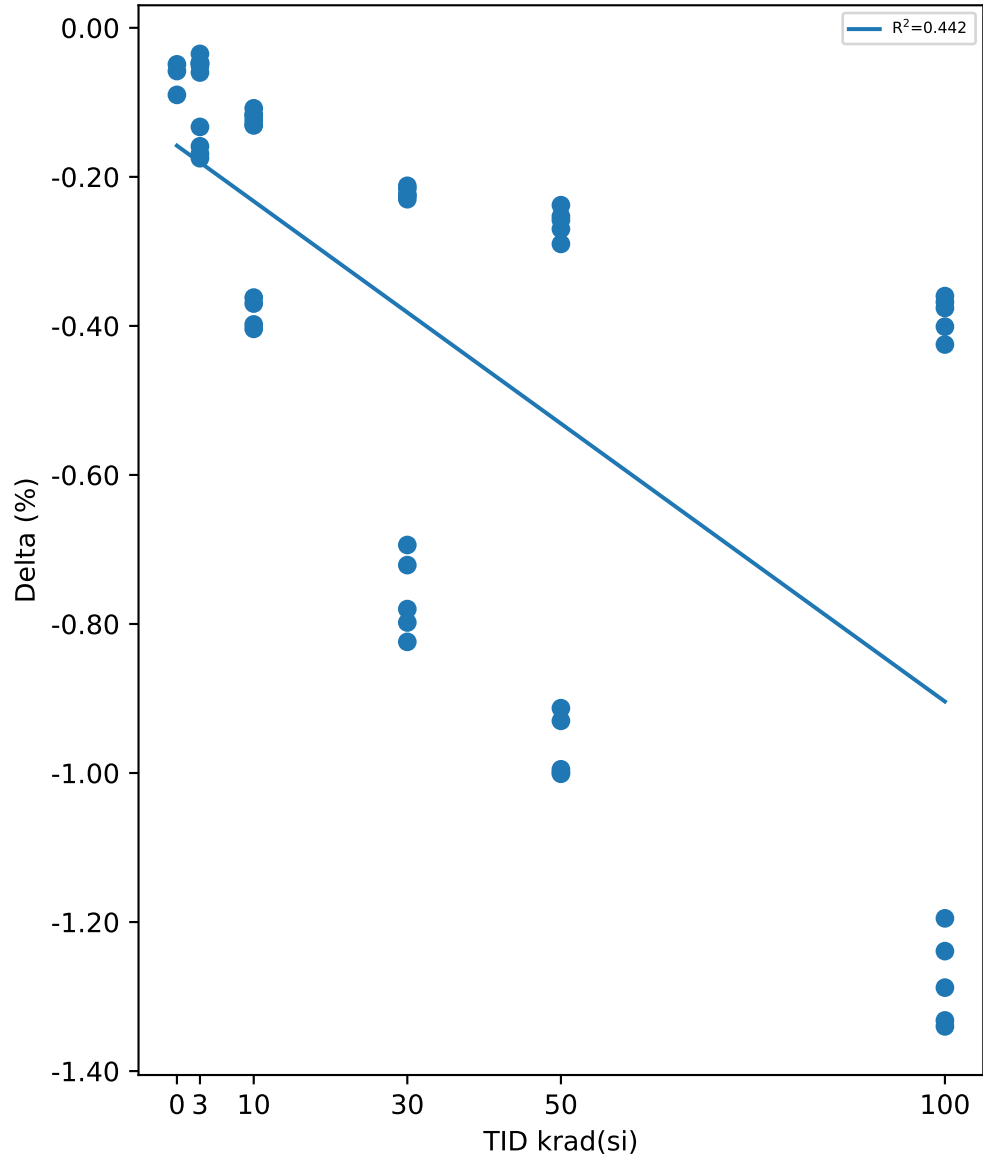
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	10.354	10.264	-0.09
301	0	Correlation	10.218	10.16	-0.058
302	0	Correlation	10.299	10.25	-0.049
303	3	Bias	10.391	10.232	-0.159
304	3	Bias	10.42	10.251	-0.169
305	3	Bias	10.406	10.231	-0.175
306	3	Bias	10.343	10.21	-0.133
307	3	Bias	10.427	10.367	-0.06
308	3	Unbiased	10.417	10.37	-0.047
309	3	Unbiased	10.295	10.244	-0.051
310	3	Unbiased	10.344	10.309	-0.035
311	3	Unbiased	10.203	10.156	-0.047
312	3	Unbiased	10.165	10.117	-0.048
313	10	Bias	10.427	10.065	-0.362
314	10	Bias	10.354	9.984	-0.37
315	10	Bias	10.403	9.999	-0.404
316	10	Bias	10.277	10.159	-0.118
317	10	Bias	10.418	10.02	-0.398
318	10	Unbiased	10.172	10.064	-0.108
319	10	Unbiased	10.505	10.389	-0.116
320	10	Unbiased	10.303	10.173	-0.13
321	10	Unbiased	10.313	10.182	-0.131
322	10	Unbiased	10.384	10.26	-0.124
323	30	Bias	10.594	9.873	-0.721
324	30	Bias	10.371	9.677	-0.694
325	30	Bias	10.337	9.539	-0.798
326	30	Bias	10.248	9.468	-0.78
327	30	Bias	10.656	9.832	-0.824
328	30	Unbiased	10.311	10.095	-0.216
329	30	Unbiased	10.425	10.213	-0.212
330	30	Unbiased	10.29	10.065	-0.225
331	30	Unbiased	10.361	10.131	-0.23
332	30	Unbiased	10.462	10.238	-0.224
333	50	Bias	10.138	9.225	-0.913
334	50	Bias	10.306	9.376	-0.93
335	50	Bias	10.361	9.362	-0.999
336	50	Bias	10.396	9.401	-0.995
337	50	Bias	10.355	9.354	-1.001
338	50	Unbiased	10.337	10.047	-0.29
339	50	Unbiased	10.252	10.014	-0.238
340	50	Unbiased	10.337	10.067	-0.27
341	50	Unbiased	10.39	10.132	-0.258
342	50	Unbiased	10.228	9.975	-0.253
343	100	Bias	10.125	8.93	-1.195
344	100	Bias	10.322	9.083	-1.239
345	100	Bias	10.341	9.053	-1.288
346	100	Bias	10.474	9.142	-1.332
347	100	Bias	10.373	9.033	-1.34
348	100	Unbiased	10.219	9.859	-0.36
349	100	Unbiased	10.504	10.136	-0.368
350	100	Unbiased	10.341	9.916	-0.425
351	100	Unbiased	10.353	9.952	-0.401
352	100	Unbiased	10.117	9.741	-0.376

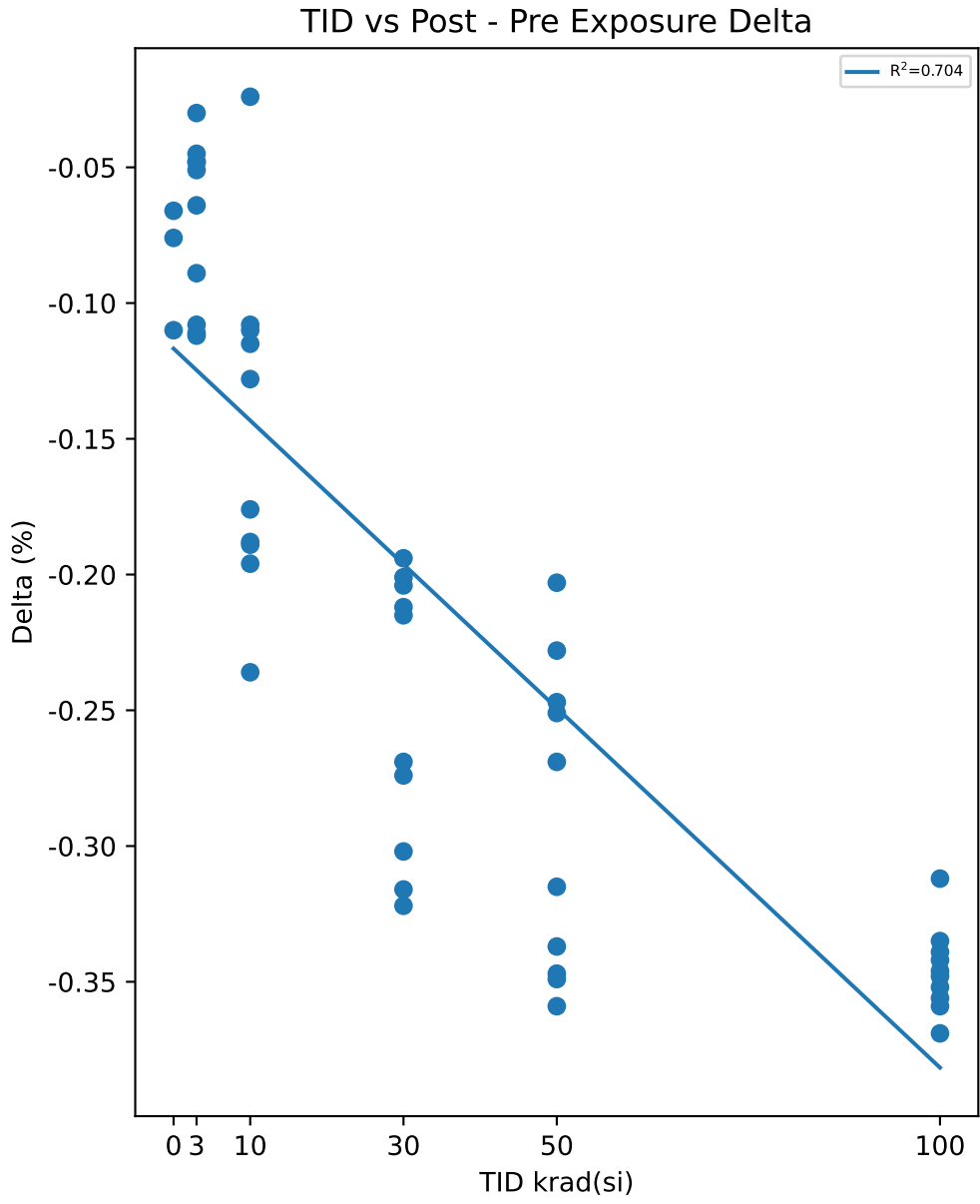
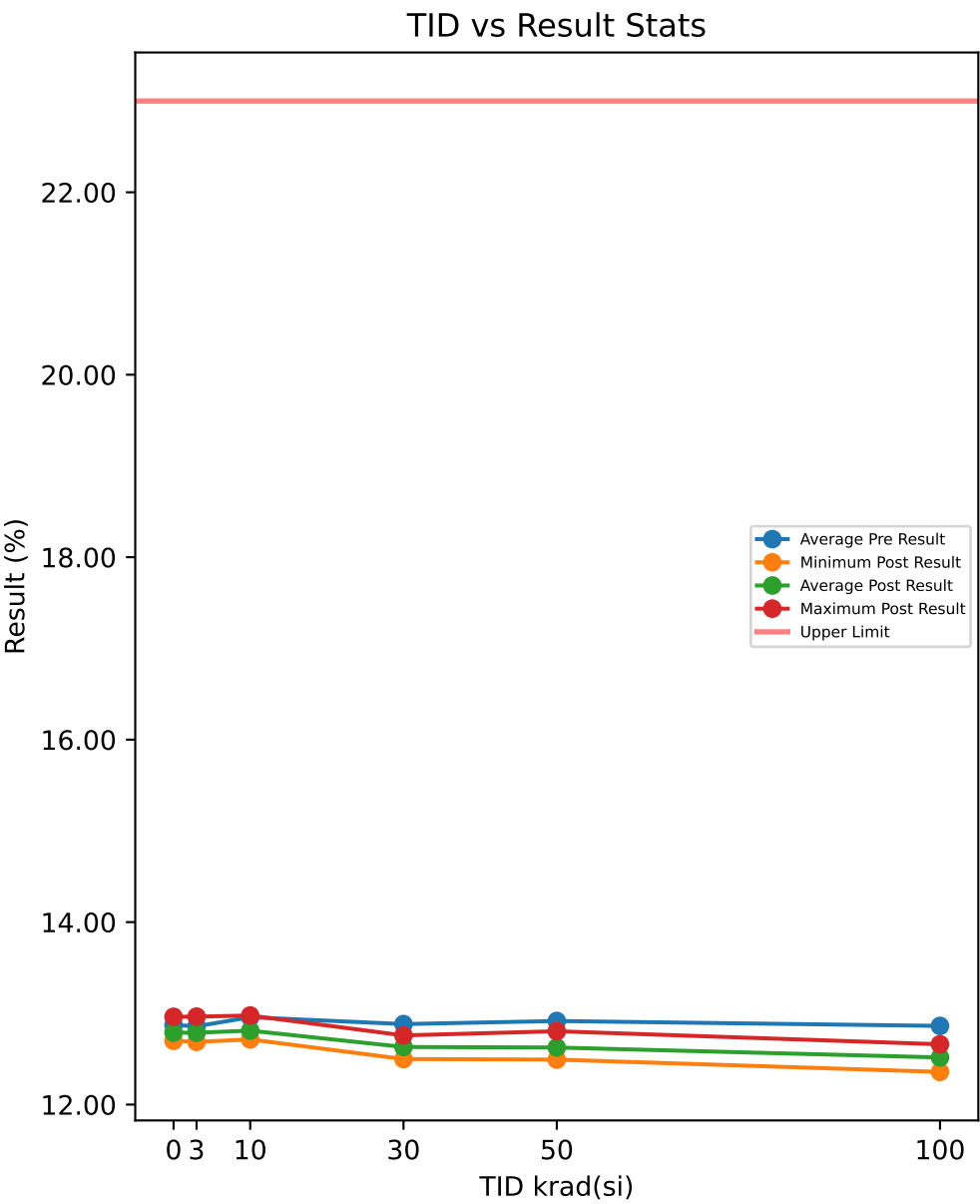
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.218	10.29	10.354	0.068413	10.16	10.225	10.264	0.056439	-0.09	-0.065667	-0.049	0.021548
3	10.165	10.341	10.427	0.093266	10.117	10.249	10.37	0.081921	-0.175	-0.0924	-0.035	0.05862
10	10.172	10.356	10.505	0.093593	9.984	10.13	10.389	0.12847	-0.404	-0.2261	-0.108	0.13615
30	10.248	10.405	10.656	0.13199	9.468	9.9131	10.238	0.27911	-0.824	-0.4924	-0.212	0.28798
50	10.138	10.31	10.396	0.081355	9.225	9.6953	10.132	0.3756	-1.001	-0.6147	-0.238	0.3733
100	10.117	10.317	10.504	0.12983	8.93	9.4845	10.136	0.47273	-1.34	-0.8324	-0.36	0.47268

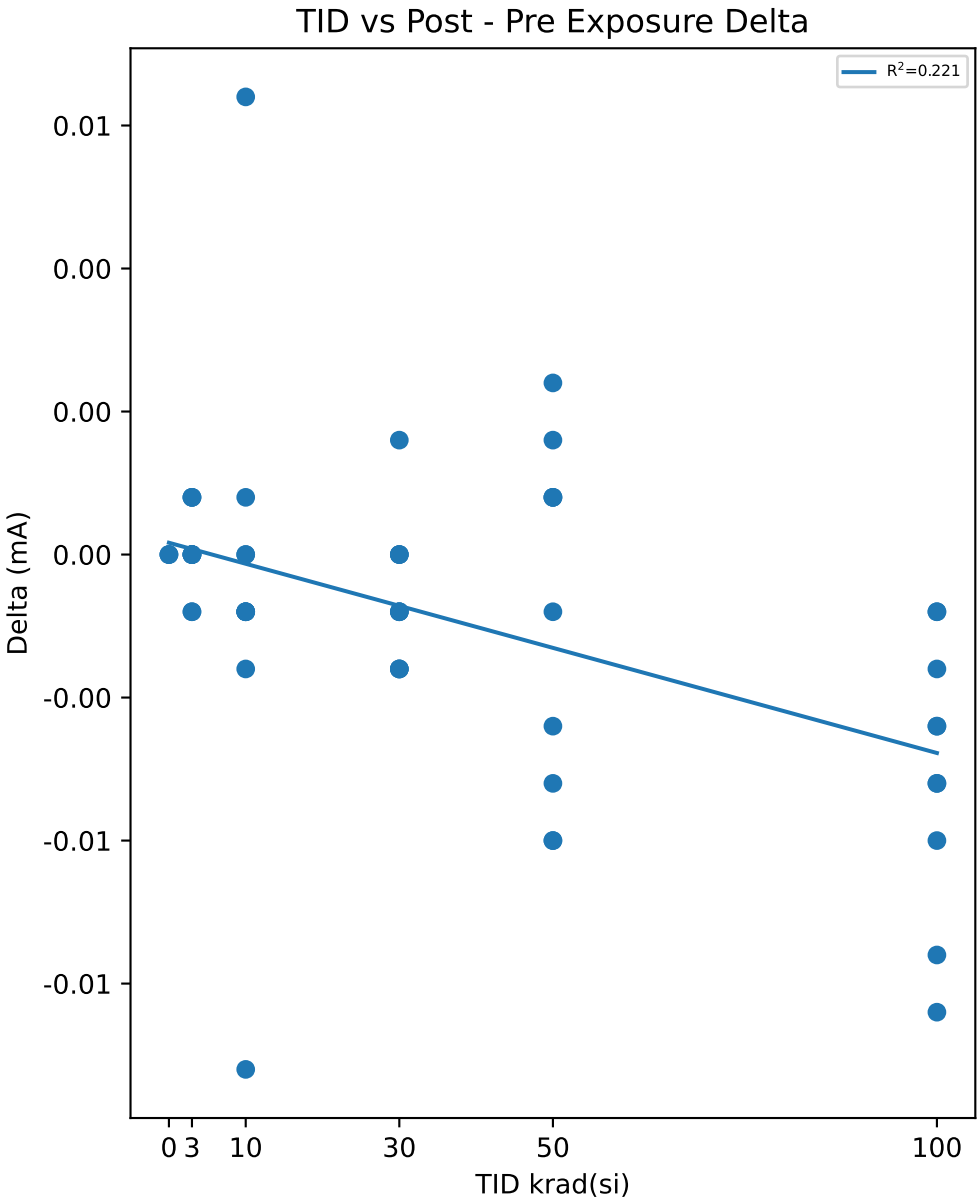
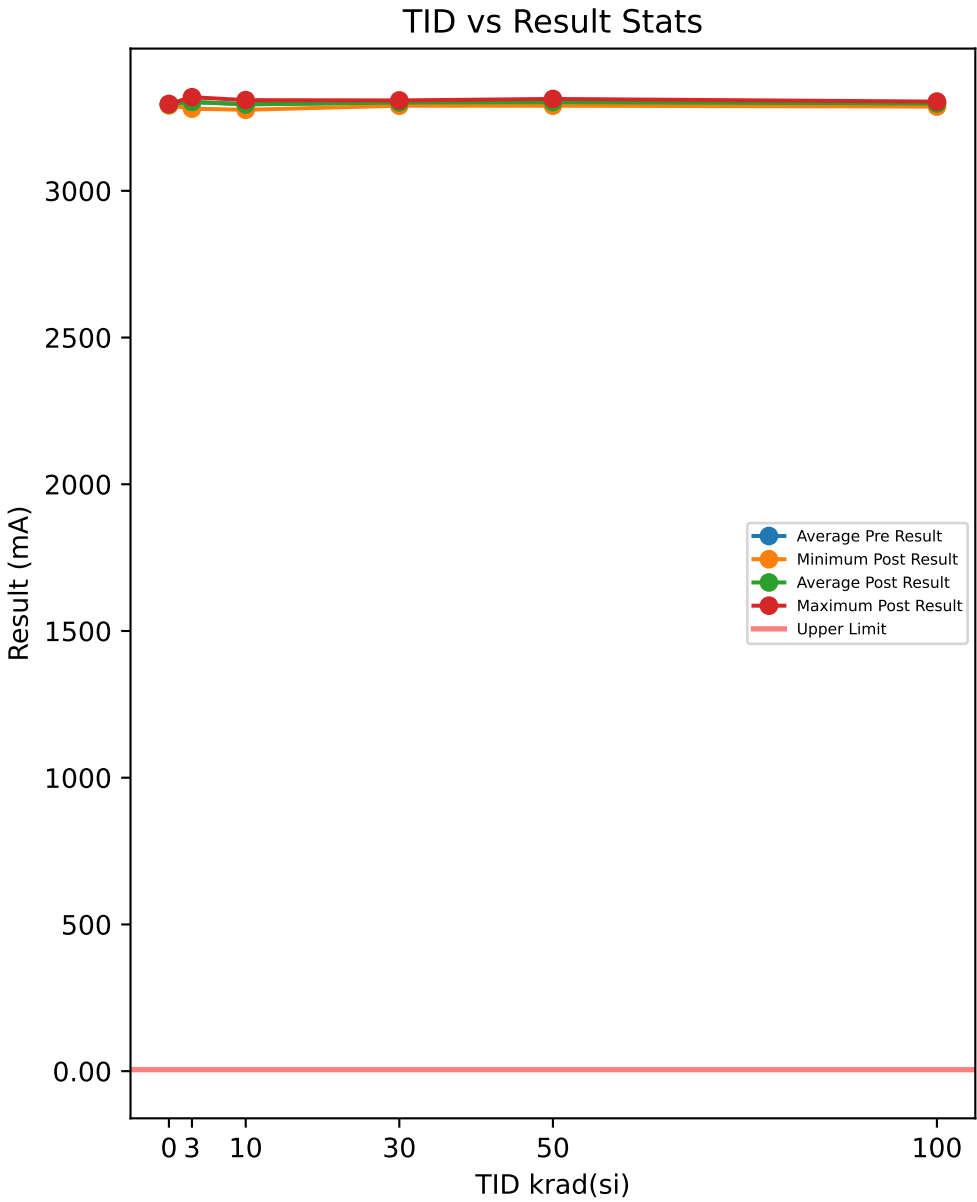
Device Test: 6.119; VOL_RESET_10MA



Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.809	12.699	-0.11
301	0	Correlation	12.78	12.704	-0.076
302	0	Correlation	13.028	12.962	-0.066
303	3	Bias	12.831	12.72	-0.111
304	3	Bias	13.076	12.964	-0.112
305	3	Bias	12.869	12.761	-0.108
306	3	Bias	12.885	12.796	-0.089
307	3	Bias	12.829	12.765	-0.064
308	3	Unbiased	12.83	12.779	-0.051
309	3	Unbiased	12.963	12.915	-0.048
310	3	Unbiased	12.817	12.787	-0.03
311	3	Unbiased	12.732	12.687	-0.045
312	3	Unbiased	12.75	12.702	-0.048
313	10	Bias	12.947	12.771	-0.176
314	10	Bias	13.014	12.825	-0.189
315	10	Bias	12.914	12.726	-0.188
316	10	Bias	12.929	12.814	-0.115
317	10	Bias	12.932	12.736	-0.196
318	10	Unbiased	12.888	12.78	-0.108
319	10	Unbiased	12.824	12.714	-0.11
320	10	Unbiased	13.061	12.825	-0.236
321	10	Unbiased	12.96	12.936	-0.024
322	10	Unbiased	13.104	12.976	-0.128
323	30	Bias	12.865	12.591	-0.274
324	30	Bias	12.833	12.564	-0.269
325	30	Bias	13.026	12.704	-0.322
326	30	Bias	12.815	12.499	-0.316
327	30	Bias	12.947	12.645	-0.302
328	30	Unbiased	12.769	12.575	-0.194
329	30	Unbiased	12.959	12.758	-0.201
330	30	Unbiased	12.827	12.615	-0.212
331	30	Unbiased	12.912	12.697	-0.215
332	30	Unbiased	12.869	12.665	-0.204
333	50	Bias	12.836	12.521	-0.315
334	50	Bias	12.989	12.652	-0.337
335	50	Bias	12.866	12.519	-0.347
336	50	Bias	12.93	12.581	-0.349
337	50	Bias	13.099	12.74	-0.359
338	50	Unbiased	12.855	12.586	-0.269
339	50	Unbiased	12.696	12.493	-0.203
340	50	Unbiased	12.894	12.647	-0.247
341	50	Unbiased	12.94	12.712	-0.228
342	50	Unbiased	13.055	12.804	-0.251
343	100	Bias	12.813	12.471	-0.342
344	100	Bias	12.887	12.531	-0.356
345	100	Bias	12.84	12.481	-0.359
346	100	Bias	12.96	12.612	-0.348
347	100	Bias	12.904	12.565	-0.339
348	100	Unbiased	13.007	12.661	-0.346
349	100	Unbiased	12.872	12.56	-0.312
350	100	Unbiased	12.727	12.358	-0.369
351	100	Unbiased	12.883	12.531	-0.352
352	100	Unbiased	12.731	12.396	-0.335

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.78	12.872	13.028	0.13559	12.699	12.788	12.962	0.15042	-0.11	-0.084	-0.066	0.023065
3	12.732	12.858	13.076	0.10054	12.687	12.788	12.964	0.088649	-0.112	-0.0706	-0.03	0.031334
10	12.824	12.957	13.104	0.082657	12.714	12.81	12.976	0.086965	-0.236	-0.147	-0.024	0.061474
30	12.769	12.882	13.026	0.078125	12.499	12.631	12.758	0.07751	-0.322	-0.2509	-0.194	0.051093
50	12.696	12.916	13.099	0.11567	12.493	12.625	12.804	0.1038	-0.359	-0.2905	-0.203	0.057297
100	12.727	12.862	13.007	0.089336	12.358	12.517	12.661	0.092879	-0.369	-0.3458	-0.312	0.015562

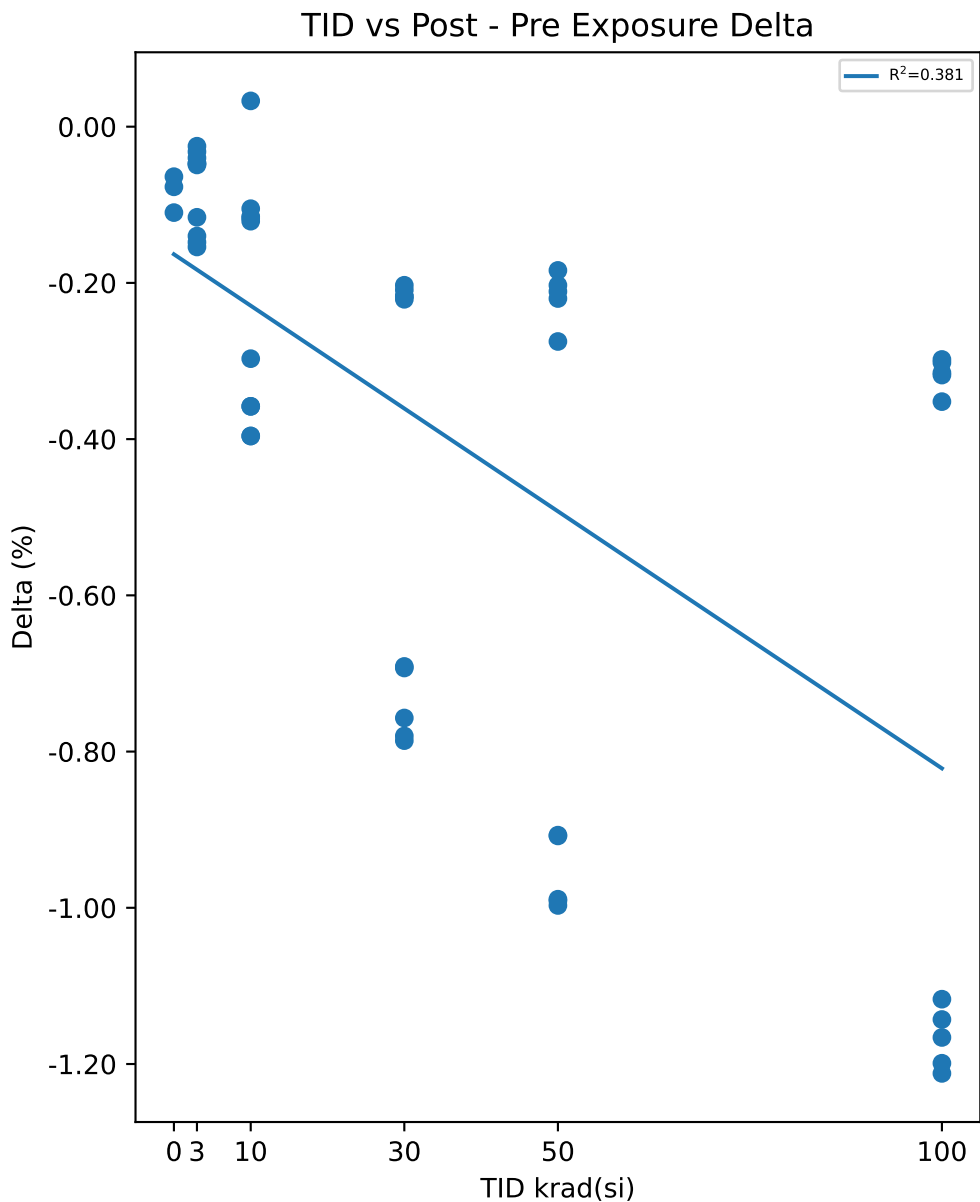
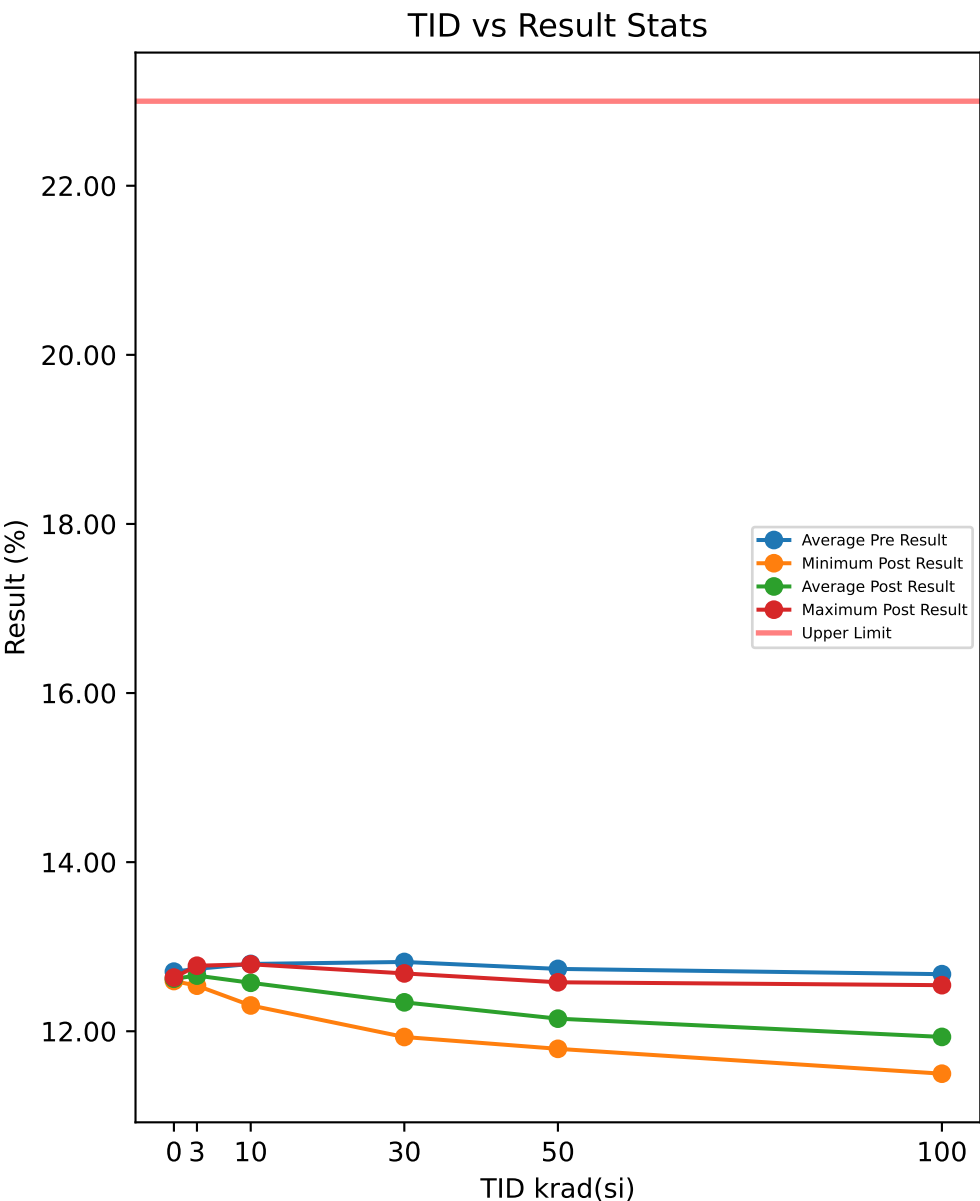


Test Results (Upper Limit = 5.0 (mA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	3296	3296	0
301	0	Correlation	3291	3291	0
302	0	Correlation	3296	3296	0
303	3	Bias	3279	3280	0.001
304	3	Bias	3300	3300	0
305	3	Bias	3303	3303	0
306	3	Bias	3295	3296	0.001
307	3	Bias	3320	3319	-0.001
308	3	Unbiased	3318	3318	0
309	3	Unbiased	3299	3300	0.001
310	3	Unbiased	3311	3311	0
311	3	Unbiased	3292	3291	-0.001
312	3	Unbiased	3310	3310	0
313	10	Bias	3305	3305	0
314	10	Bias	3300	3298	-0.002
315	10	Bias	3293	3293	0
316	10	Bias	3298	3299	0.001
317	10	Bias	3297	3296	-0.001
318	10	Unbiased	3310	3309	-0.001
319	10	Unbiased	3293	3292	-0.001
320	10	Unbiased	3285	3276	-0.009
321	10	Unbiased	3277	3285	0.008
322	10	Unbiased	3293	3292	-0.001
323	30	Bias	3302	3301	-0.001
324	30	Bias	3298	3296	-0.002
325	30	Bias	3303	3303	0
326	30	Bias	3291	3290	-0.001
327	30	Bias	3305	3305	0
328	30	Unbiased	3310	3308	-0.002
329	30	Unbiased	3303	3303	0
330	30	Unbiased	3301	3303	0.002
331	30	Unbiased	3308	3306	-0.002
332	30	Unbiased	3294	3293	-0.001
333	50	Bias	3295	3290	-0.005
334	50	Bias	3296	3297	0.001
335	50	Bias	3299	3298	-0.001
336	50	Bias	3310	3311	0.001
337	50	Bias	3304	3301	-0.003
338	50	Unbiased	3301	3303	0.002
339	50	Unbiased	3317	3313	-0.004
340	50	Unbiased	3308	3311	0.003
341	50	Unbiased	3301	3296	-0.005
342	50	Unbiased	3299	3300	0.001
343	100	Bias	3307	3304	-0.003
344	100	Bias	3302	3299	-0.003
345	100	Bias	3303	3299	-0.004
346	100	Bias	3295	3287	-0.008
347	100	Bias	3291	3287	-0.004
348	100	Unbiased	3302	3301	-0.001
349	100	Unbiased	3302	3295	-0.007
350	100	Unbiased	3300	3298	-0.002
351	100	Unbiased	3308	3303	-0.005
352	100	Unbiased	3302	3301	-0.001

Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3291	3294.3	3296	2.8868	3291	3294.3	3296	2.8868	0	0	0	0
3	3279	3302.7	3320	12.526	3280	3302.8	3319	12.173	-0.001	0.0001	0.001	0.00073786
10	3277	3295.1	3310	9.4216	3276	3294.5	3309	9.4428	-0.009	-0.0006	0.008	0.0040879
30	3291	3301.5	3310	5.8737	3290	3300.8	3308	5.8841	-0.002	-0.0007	0.002	0.0012517
50	3295	3303	3317	6.8638	3290	3302	3313	7.5277	-0.005	-0.001	0.003	0.0030185
100	3291	3301.2	3308	5.0509	3287	3297.4	3304	6.0406	-0.008	-0.0038	-0.001	0.0023476

Device Test: 6.120; VOL_RESET_10MA

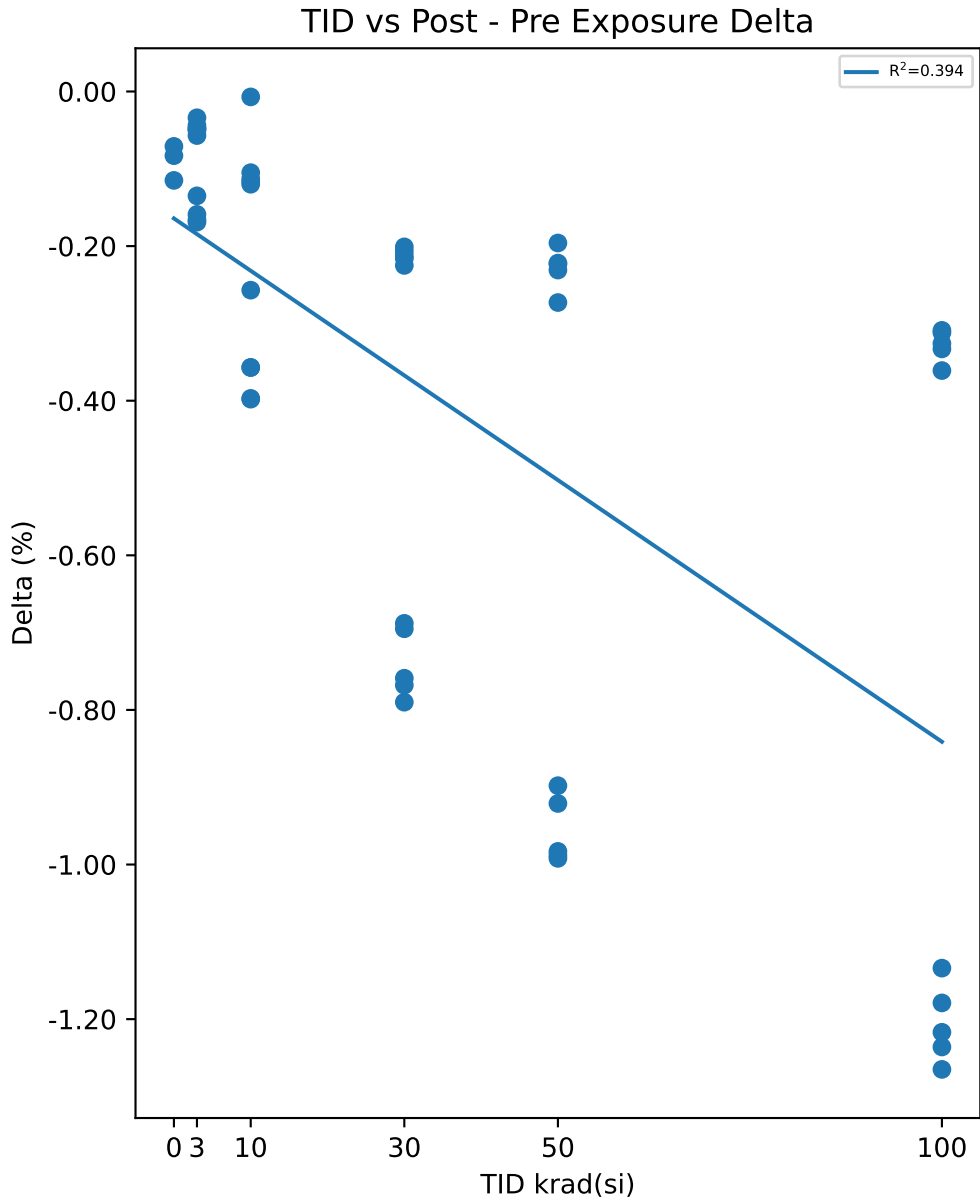
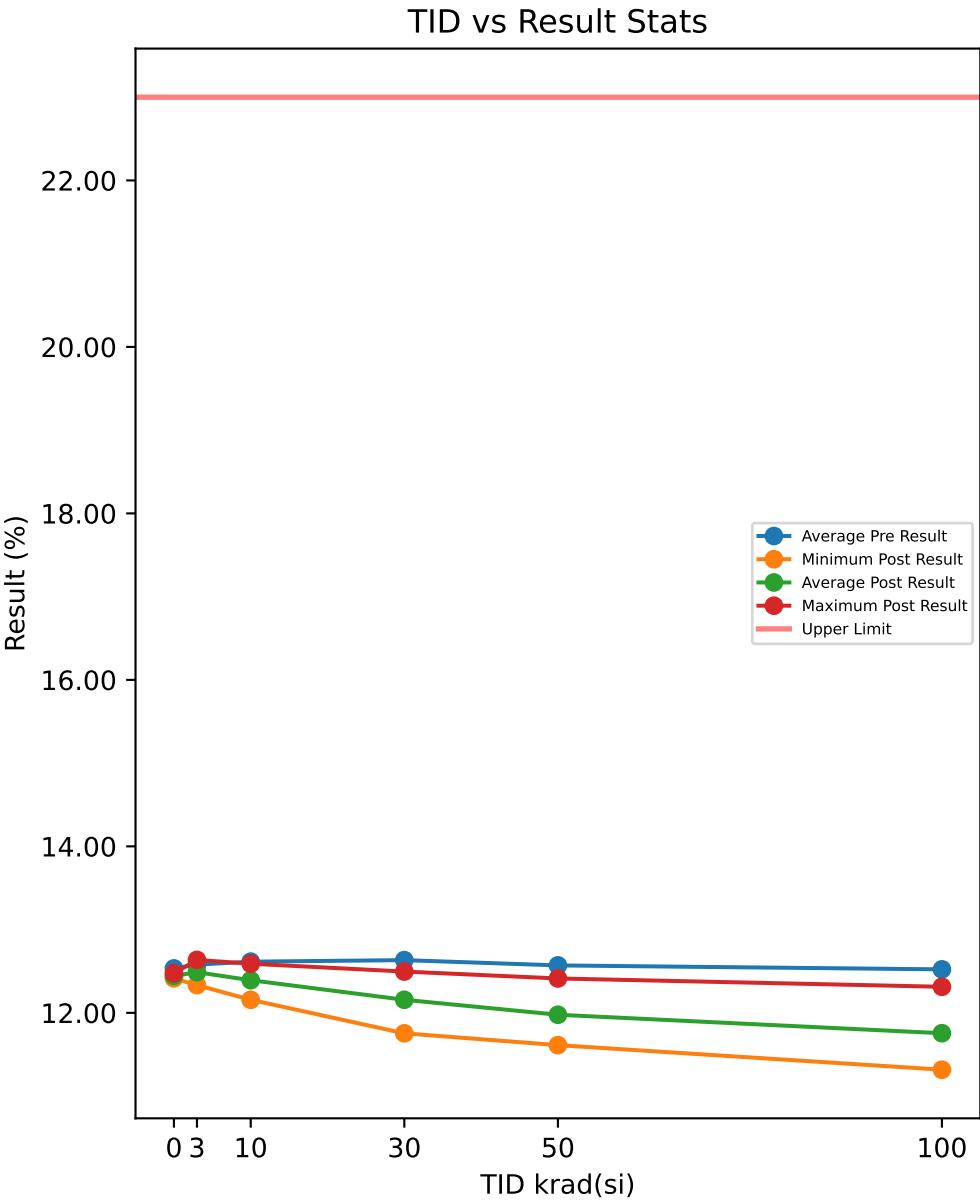


Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.745	12.635	-0.11
301	0	Correlation	12.671	12.594	-0.077
302	0	Correlation	12.699	12.635	-0.064
303	3	Bias	12.763	12.623	-0.14
304	3	Bias	12.766	12.618	-0.148
305	3	Bias	12.857	12.703	-0.154
306	3	Bias	12.765	12.649	-0.116
307	3	Bias	12.749	12.709	-0.04
308	3	Unbiased	12.786	12.761	-0.025
309	3	Unbiased	12.63	12.583	-0.047
310	3	Unbiased	12.807	12.775	-0.032
311	3	Unbiased	12.668	12.621	-0.047
312	3	Unbiased	12.588	12.539	-0.049
313	10	Bias	12.867	12.509	-0.358
314	10	Bias	12.663	12.305	-0.358
315	10	Bias	12.88	12.484	-0.396
316	10	Bias	12.753	12.636	-0.117
317	10	Bias	12.92	12.524	-0.396
318	10	Unbiased	12.596	12.491	-0.105
319	10	Unbiased	12.846	12.731	-0.115
320	10	Unbiased	12.759	12.792	0.033
321	10	Unbiased	12.933	12.636	-0.297
322	10	Unbiased	12.745	12.624	-0.121
323	30	Bias	12.861	12.168	-0.693
324	30	Bias	12.841	12.15	-0.691
325	30	Bias	12.718	11.932	-0.786
326	30	Bias	12.762	11.982	-0.78
327	30	Bias	12.949	12.192	-0.757
328	30	Unbiased	12.76	12.551	-0.209
329	30	Unbiased	12.884	12.681	-0.203
330	30	Unbiased	12.708	12.491	-0.217
331	30	Unbiased	12.81	12.589	-0.221
332	30	Unbiased	12.901	12.684	-0.217
333	50	Bias	12.822	11.915	-0.907
334	50	Bias	12.7	11.792	-0.908
335	50	Bias	12.811	11.82	-0.991
336	50	Bias	12.83	11.833	-0.997
337	50	Bias	12.856	11.867	-0.989
338	50	Unbiased	12.752	12.477	-0.275
339	50	Unbiased	12.556	12.372	-0.184
340	50	Unbiased	12.647	12.427	-0.22
341	50	Unbiased	12.782	12.579	-0.203
342	50	Unbiased	12.618	12.407	-0.211
343	100	Bias	12.615	11.498	-1.117
344	100	Bias	12.714	11.571	-1.143
345	100	Bias	12.712	11.513	-1.199
346	100	Bias	12.77	11.558	-1.212
347	100	Bias	12.758	11.592	-1.166
348	100	Unbiased	12.585	12.287	-0.298
349	100	Unbiased	12.847	12.545	-0.302
350	100	Unbiased	12.621	12.269	-0.352
351	100	Unbiased	12.54	12.222	-0.318
352	100	Unbiased	12.589	12.274	-0.315

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.671	12.705	12.745	0.037363	12.594	12.621	12.635	0.023671	-0.11	-0.083667	-0.064	0.023714
3	12.588	12.738	12.857	0.083366	12.539	12.658	12.775	0.076728	-0.154	-0.0798	-0.025	0.052772
10	12.596	12.796	12.933	0.11168	12.305	12.573	12.792	0.14001	-0.396	-0.223	0.033	0.1544
30	12.708	12.819	12.949	0.08126	11.932	12.342	12.684	0.28793	-0.786	-0.4774	-0.203	0.28003
50	12.556	12.737	12.856	0.10228	11.792	12.149	12.579	0.3259	-0.997	-0.5885	-0.184	0.39181
100	12.54	12.675	12.847	0.099233	11.498	11.933	12.545	0.41715	-1.212	-0.7422	-0.298	0.44918

Device Test: 6.121; VOL_RESET_10MA

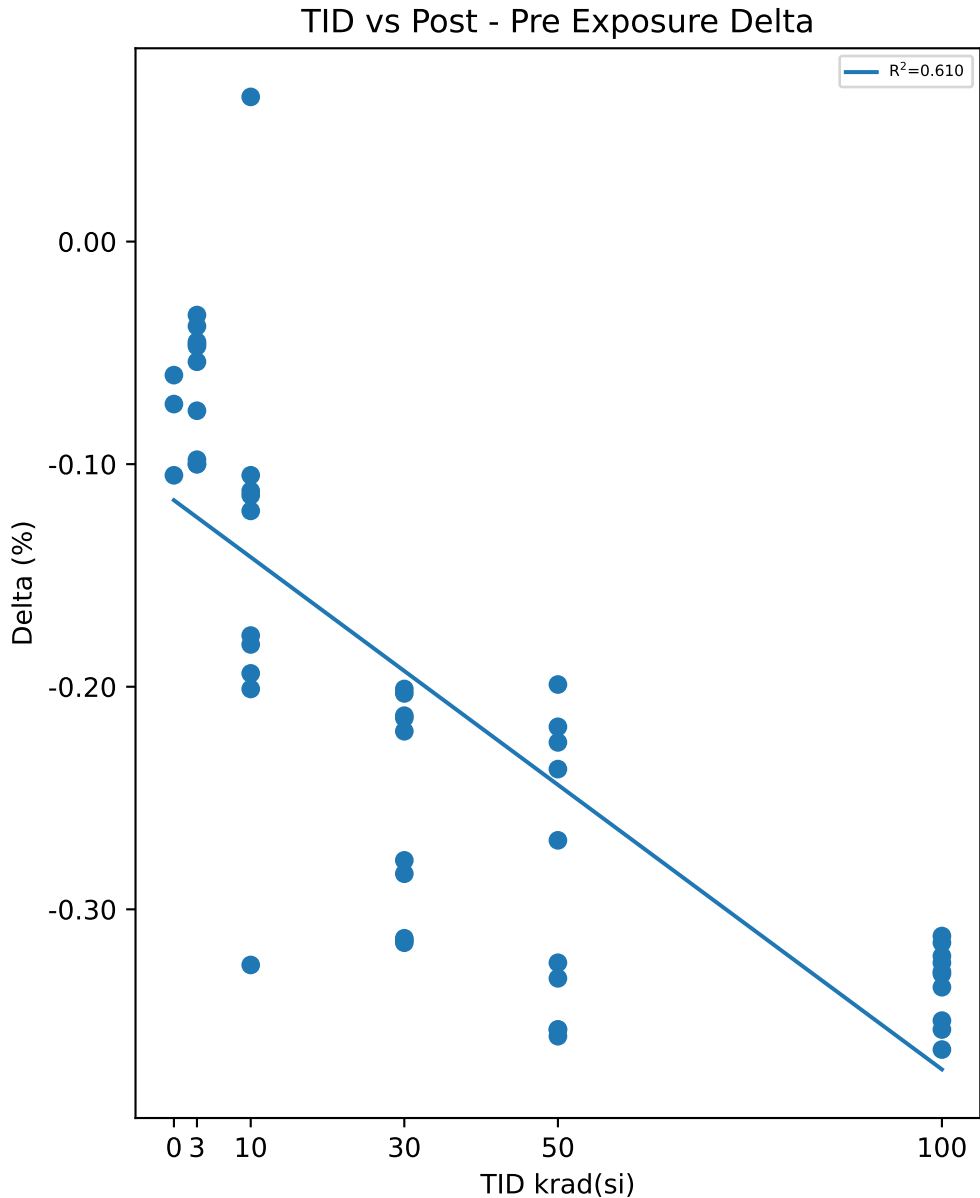
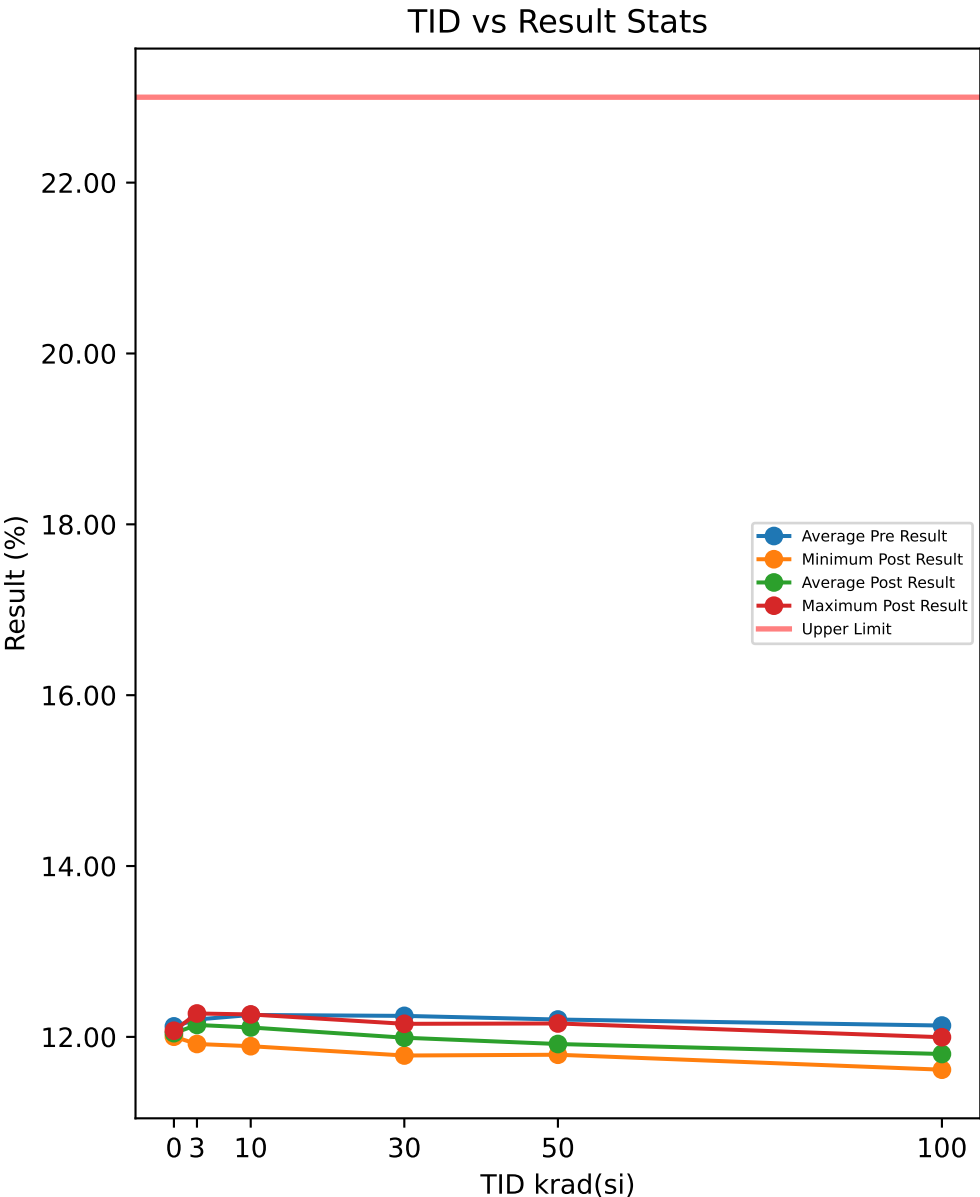


Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.59	12.475	-0.115
301	0	Correlation	12.498	12.415	-0.083
302	0	Correlation	12.513	12.442	-0.071
303	3	Bias	12.588	12.429	-0.159
304	3	Bias	12.696	12.53	-0.166
305	3	Bias	12.63	12.461	-0.169
306	3	Bias	12.647	12.512	-0.135
307	3	Bias	12.576	12.519	-0.057
308	3	Unbiased	12.68	12.636	-0.044
309	3	Unbiased	12.496	12.446	-0.05
310	3	Unbiased	12.626	12.592	-0.034
311	3	Unbiased	12.47	12.422	-0.048
312	3	Unbiased	12.381	12.333	-0.048
313	10	Bias	12.7	12.343	-0.357
314	10	Bias	12.514	12.157	-0.357
315	10	Bias	12.669	12.272	-0.397
316	10	Bias	12.576	12.459	-0.117
317	10	Bias	12.742	12.344	-0.398
318	10	Unbiased	12.394	12.289	-0.105
319	10	Unbiased	12.626	12.513	-0.113
320	10	Unbiased	12.597	12.59	-0.007
321	10	Unbiased	12.732	12.475	-0.257
322	10	Unbiased	12.598	12.478	-0.12
323	30	Bias	12.698	12.003	-0.695
324	30	Bias	12.627	11.939	-0.688
325	30	Bias	12.572	11.782	-0.79
326	30	Bias	12.522	11.754	-0.768
327	30	Bias	12.779	12.02	-0.759
328	30	Unbiased	12.53	12.323	-0.207
329	30	Unbiased	12.697	12.496	-0.201
330	30	Unbiased	12.508	12.292	-0.216
331	30	Unbiased	12.708	12.483	-0.225
332	30	Unbiased	12.691	12.478	-0.213
333	50	Bias	12.61	11.712	-0.898
334	50	Bias	12.533	11.612	-0.921
335	50	Bias	12.641	11.658	-0.983
336	50	Bias	12.707	11.715	-0.992
337	50	Bias	12.68	11.692	-0.988
338	50	Unbiased	12.559	12.286	-0.273
339	50	Unbiased	12.397	12.201	-0.196
340	50	Unbiased	12.469	12.238	-0.231
341	50	Unbiased	12.635	12.413	-0.222
342	50	Unbiased	12.467	12.244	-0.223
343	100	Bias	12.451	11.317	-1.134
344	100	Bias	12.597	11.418	-1.179
345	100	Bias	12.546	11.329	-1.217
346	100	Bias	12.722	11.457	-1.265
347	100	Bias	12.659	11.423	-1.236
348	100	Unbiased	12.419	12.11	-0.309
349	100	Unbiased	12.625	12.313	-0.312
350	100	Unbiased	12.425	12.064	-0.361
351	100	Unbiased	12.441	12.108	-0.333
352	100	Unbiased	12.338	12.012	-0.326

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.498	12.534	12.59	0.049359	12.415	12.444	12.475	0.03005	-0.115	-0.089667	-0.071	0.022745
3	12.381	12.579	12.696	0.10077	12.333	12.488	12.636	0.088428	-0.169	-0.091	-0.034	0.057987
10	12.394	12.615	12.742	0.10607	12.157	12.392	12.59	0.13231	-0.398	-0.2228	-0.007	0.14625
30	12.508	12.633	12.779	0.094832	11.754	12.157	12.496	0.29118	-0.79	-0.4762	-0.201	0.2798
50	12.397	12.57	12.707	0.10218	11.612	11.977	12.413	0.3215	-0.992	-0.5927	-0.196	0.38493
100	12.338	12.522	12.722	0.12519	11.317	11.755	12.313	0.39573	-1.265	-0.7672	-0.309	0.4642

Device Test: 6.122; VOL_RESET_10MA



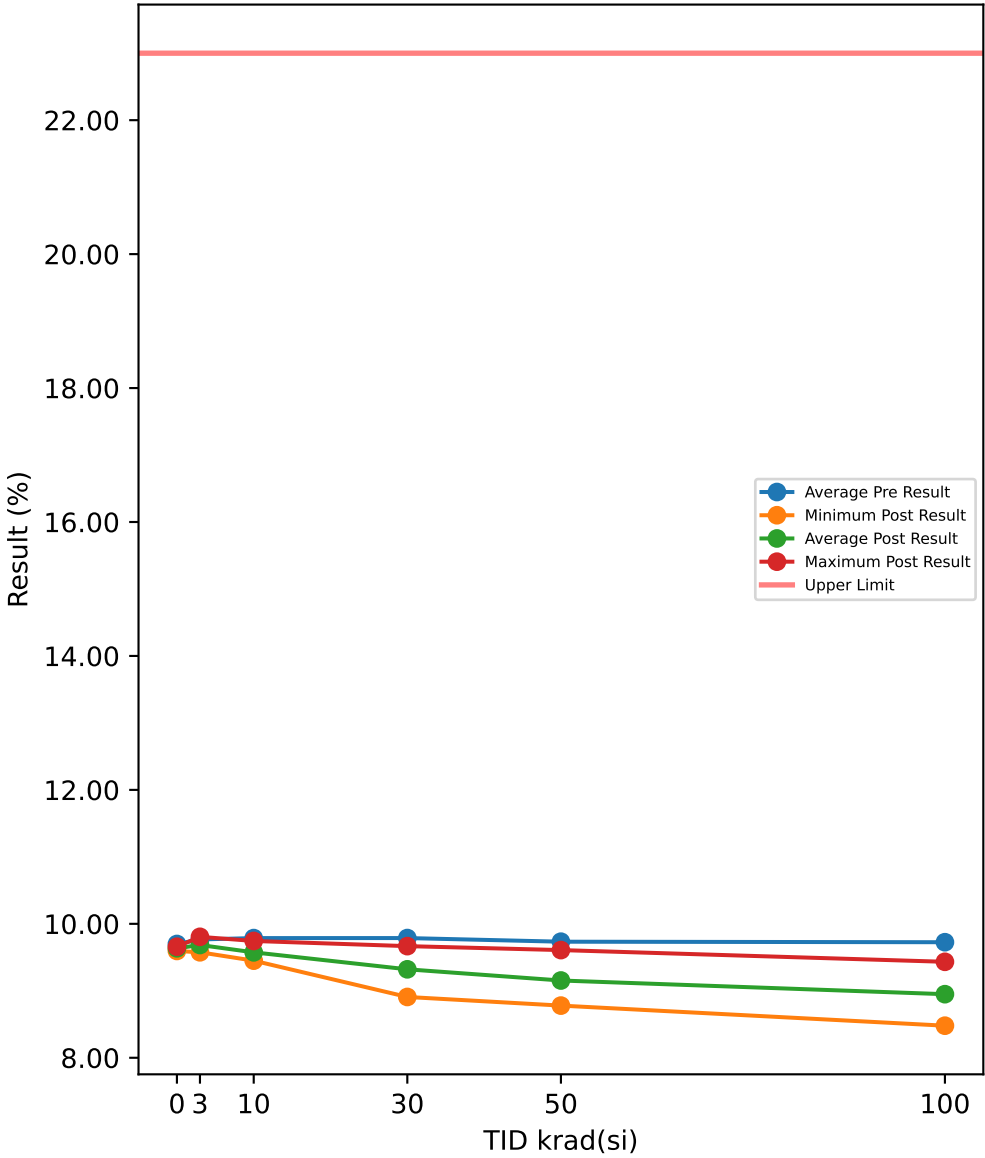
Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	12.177	12.072	-0.105
301	0	Correlation	12.075	12.002	-0.073
302	0	Correlation	12.117	12.057	-0.06
303	3	Bias	12.2	12.1	-0.1
304	3	Bias	12.372	12.274	-0.098
305	3	Bias	12.306	12.206	-0.1
306	3	Bias	12.252	12.176	-0.076
307	3	Bias	12.231	12.177	-0.054
308	3	Unbiased	12.282	12.244	-0.038
309	3	Unbiased	12.105	12.058	-0.047
310	3	Unbiased	12.267	12.234	-0.033
311	3	Unbiased	12.057	12.012	-0.045
312	3	Unbiased	11.963	11.917	-0.046
313	10	Bias	12.34	12.163	-0.177
314	10	Bias	12.137	11.956	-0.181
315	10	Bias	12.348	12.154	-0.194
316	10	Bias	12.172	12.058	-0.114
317	10	Bias	12.419	12.218	-0.201
318	10	Unbiased	11.996	11.891	-0.105
319	10	Unbiased	12.272	12.16	-0.112
320	10	Unbiased	12.198	12.263	0.065
321	10	Unbiased	12.403	12.078	-0.325
322	10	Unbiased	12.283	12.162	-0.121
323	30	Bias	12.33	12.046	-0.284
324	30	Bias	12.238	11.96	-0.278
325	30	Bias	12.182	11.867	-0.315
326	30	Bias	12.096	11.782	-0.314
327	30	Bias	12.442	12.129	-0.313
328	30	Unbiased	12.109	11.906	-0.203
329	30	Unbiased	12.354	12.153	-0.201
330	30	Unbiased	12.096	11.882	-0.214
331	30	Unbiased	12.309	12.089	-0.22
332	30	Unbiased	12.303	12.09	-0.213
333	50	Bias	12.213	11.889	-0.324
334	50	Bias	12.153	11.822	-0.331
335	50	Bias	12.307	11.95	-0.357
336	50	Bias	12.327	11.973	-0.354
337	50	Bias	12.294	11.94	-0.354
338	50	Unbiased	12.165	11.896	-0.269
339	50	Unbiased	11.99	11.791	-0.199
340	50	Unbiased	12.144	11.907	-0.237
341	50	Unbiased	12.375	12.157	-0.218
342	50	Unbiased	12.066	11.841	-0.225
343	100	Bias	12.027	11.698	-0.329
344	100	Bias	12.232	11.882	-0.35
345	100	Bias	12.233	11.879	-0.354
346	100	Bias	12.253	11.925	-0.328
347	100	Bias	12.172	11.851	-0.321
348	100	Unbiased	12.067	11.752	-0.315
349	100	Unbiased	12.308	11.996	-0.312
350	100	Unbiased	12.042	11.679	-0.363
351	100	Unbiased	12.055	11.72	-0.335
352	100	Unbiased	11.94	11.616	-0.324

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.075	12.123	12.177	0.051264	12.002	12.044	12.072	0.036856	-0.105	-0.079333	-0.06	0.023159
3	11.963	12.204	12.372	0.12526	11.917	12.14	12.274	0.11502	-0.1	-0.0637	-0.033	0.027084
10	11.996	12.257	12.419	0.13202	11.891	12.11	12.263	0.11567	-0.325	-0.1465	0.065	0.099197
30	12.096	12.246	12.442	0.12124	11.782	11.99	12.153	0.12773	-0.315	-0.2555	-0.201	0.049556
50	11.99	12.203	12.375	0.1228	11.791	11.917	12.157	0.10239	-0.357	-0.2868	-0.199	0.063557
100	11.94	12.133	12.308	0.12182	11.616	11.8	11.996	0.12347	-0.363	-0.3331	-0.312	0.017208

Device Test: 6.123; VOL_WDO_10MA

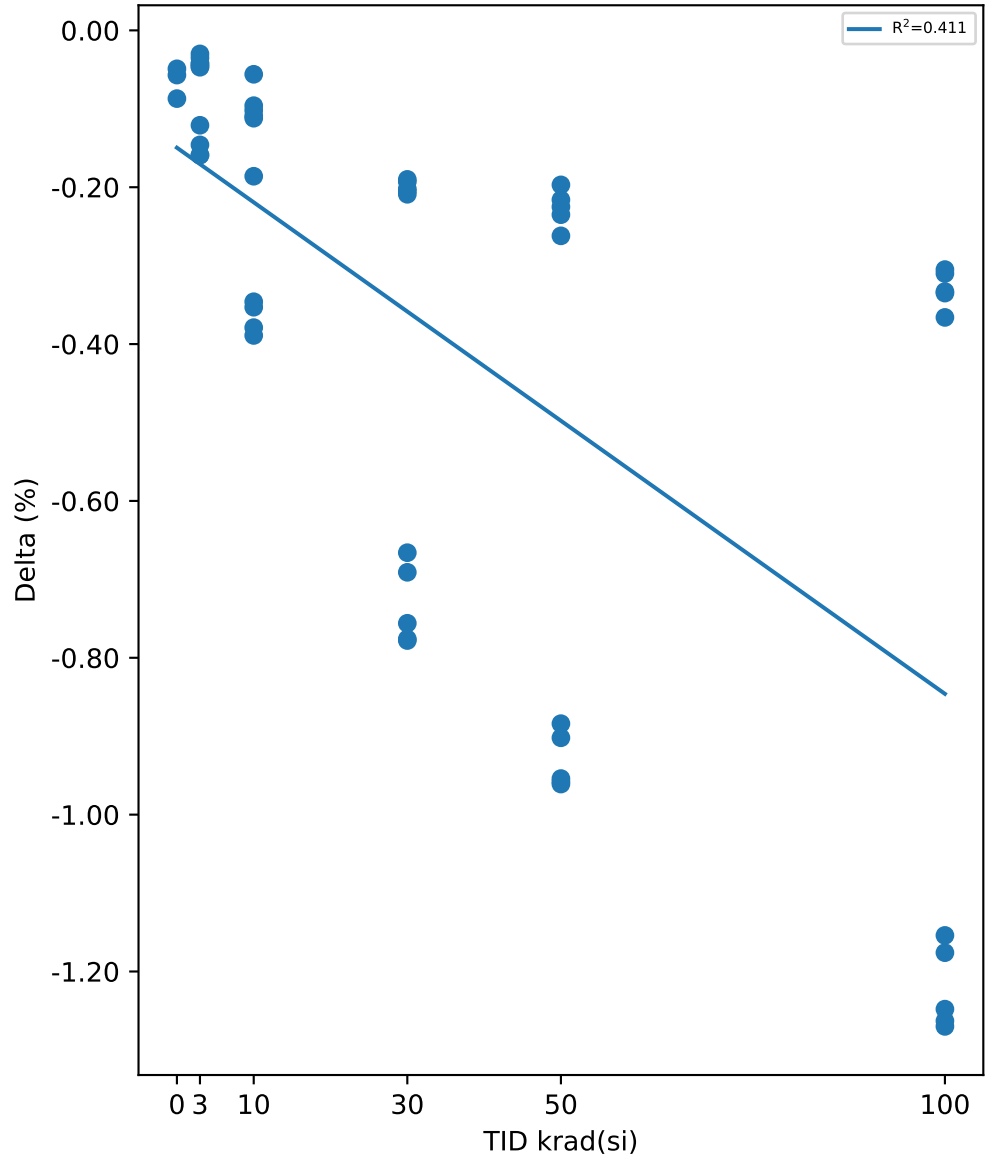
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	9.745	9.658	-0.087
301	0	Correlation	9.652	9.595	-0.057
302	0	Correlation	9.7	9.651	-0.049
303	3	Bias	9.855	9.709	-0.146
304	3	Bias	9.876	9.717	-0.159
305	3	Bias	9.799	9.64	-0.159
306	3	Bias	9.696	9.575	-0.121
307	3	Bias	9.802	9.756	-0.046
308	3	Unbiased	9.841	9.806	-0.035
309	3	Unbiased	9.722	9.675	-0.047
310	3	Unbiased	9.795	9.765	-0.03
311	3	Unbiased	9.652	9.61	-0.042
312	3	Unbiased	9.629	9.586	-0.043
313	10	Bias	9.796	9.45	-0.346
314	10	Bias	9.833	9.48	-0.353
315	10	Bias	9.871	9.482	-0.389
316	10	Bias	9.699	9.59	-0.109
317	10	Bias	9.834	9.455	-0.379
318	10	Unbiased	9.693	9.597	-0.096
319	10	Unbiased	9.846	9.744	-0.102
320	10	Unbiased	9.7	9.644	-0.056
321	10	Unbiased	9.775	9.589	-0.186
322	10	Unbiased	9.823	9.711	-0.112
323	30	Bias	9.941	9.25	-0.691
324	30	Bias	9.744	9.078	-0.666
325	30	Bias	9.816	9.04	-0.776
326	30	Bias	9.664	8.908	-0.756
327	30	Bias	9.966	9.188	-0.778
328	30	Unbiased	9.688	9.495	-0.193
329	30	Unbiased	9.789	9.599	-0.19
330	30	Unbiased	9.688	9.479	-0.209
331	30	Unbiased	9.71	9.505	-0.205
332	30	Unbiased	9.869	9.667	-0.202
333	50	Bias	9.663	8.779	-0.884
334	50	Bias	9.738	8.836	-0.902
335	50	Bias	9.79	8.832	-0.958
336	50	Bias	9.755	8.801	-0.954
337	50	Bias	9.778	8.817	-0.961
338	50	Unbiased	9.708	9.446	-0.262
339	50	Unbiased	9.599	9.402	-0.197
340	50	Unbiased	9.768	9.533	-0.235
341	50	Unbiased	9.824	9.608	-0.216
342	50	Unbiased	9.709	9.484	-0.225
343	100	Bias	9.633	8.479	-1.154
344	100	Bias	9.726	8.55	-1.176
345	100	Bias	9.817	8.569	-1.248
346	100	Bias	9.871	8.608	-1.263
347	100	Bias	9.803	8.533	-1.27
348	100	Unbiased	9.656	9.346	-0.31
349	100	Unbiased	9.738	9.433	-0.305
350	100	Unbiased	9.699	9.333	-0.366
351	100	Unbiased	9.689	9.356	-0.333
352	100	Unbiased	9.622	9.287	-0.335

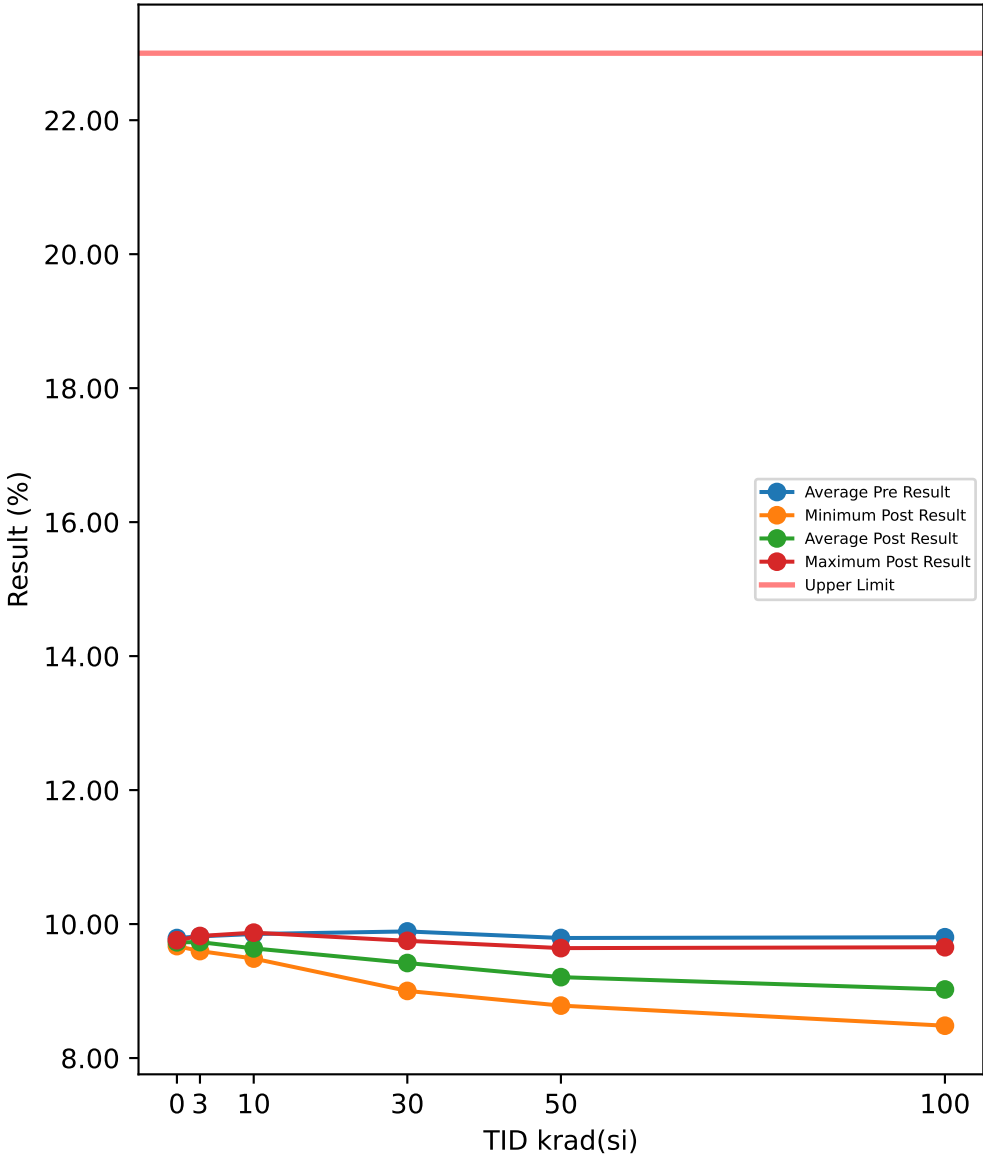
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.652	9.699	9.745	0.046508	9.595	9.6347	9.658	0.03453	-0.087	-0.064333	-0.049	0.020033
3	9.629	9.7667	9.876	0.086582	9.575	9.6839	9.806	0.079806	-0.159	-0.0828	-0.03	0.055801
10	9.693	9.787	9.871	0.067109	9.45	9.5742	9.744	0.10563	-0.389	-0.2128	-0.056	0.13672
30	9.664	9.7875	9.966	0.10844	8.908	9.3209	9.667	0.26192	-0.778	-0.4666	-0.19	0.28338
50	9.599	9.7332	9.824	0.066119	8.779	9.1538	9.608	0.36348	-0.961	-0.5794	-0.197	0.37259
100	9.622	9.7254	9.871	0.082891	8.479	8.9494	9.433	0.42597	-1.27	-0.776	-0.305	0.47196

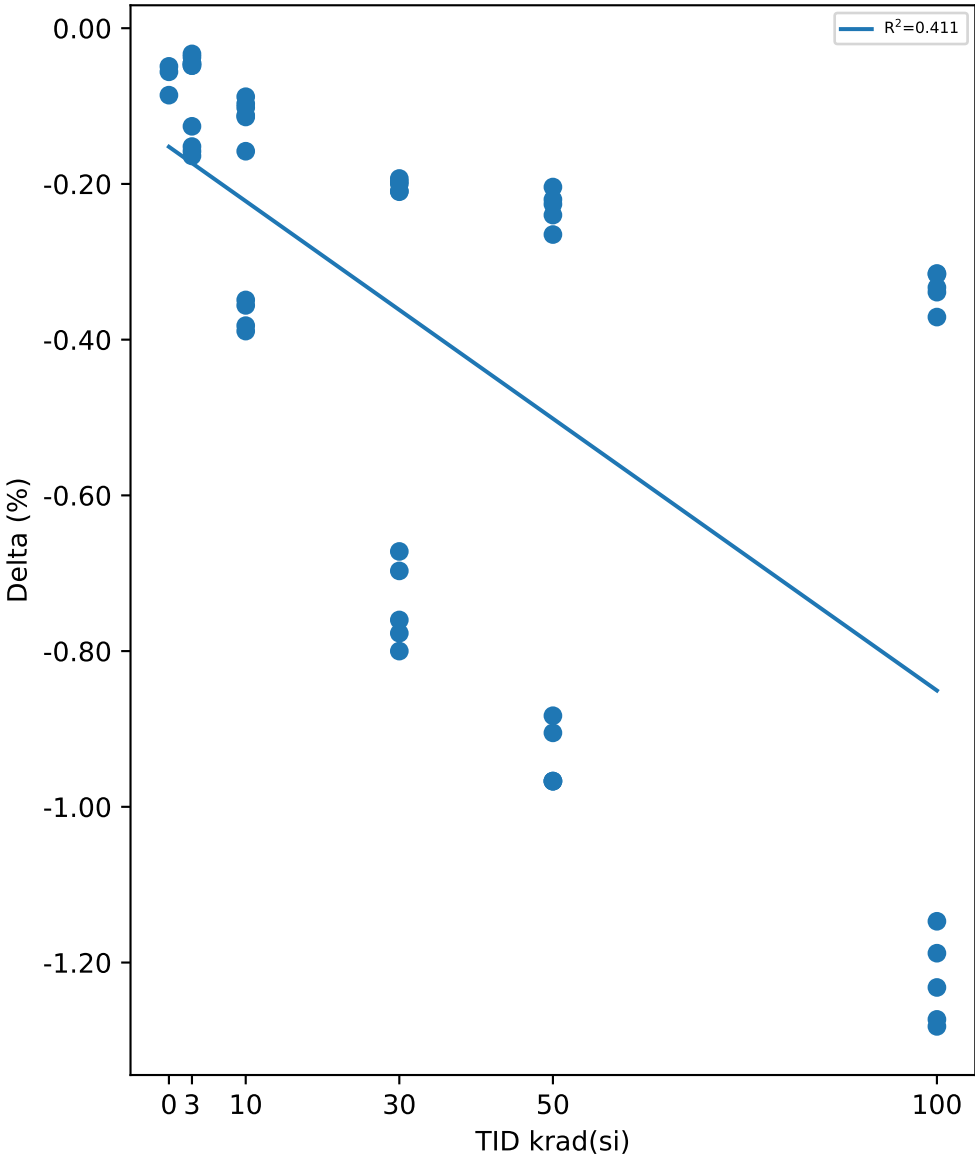
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	9.845	9.759	-0.086
301	0	Correlation	9.727	9.671	-0.056
302	0	Correlation	9.802	9.753	-0.049
303	3	Bias	9.897	9.745	-0.152
304	3	Bias	9.886	9.728	-0.158
305	3	Bias	9.89	9.726	-0.164
306	3	Bias	9.833	9.707	-0.126
307	3	Bias	9.854	9.806	-0.048
308	3	Unbiased	9.859	9.822	-0.037
309	3	Unbiased	9.778	9.73	-0.048
310	3	Unbiased	9.81	9.777	-0.033
311	3	Unbiased	9.714	9.669	-0.045
312	3	Unbiased	9.642	9.597	-0.045
313	10	Bias	9.905	9.556	-0.349
314	10	Bias	9.841	9.485	-0.356
315	10	Bias	9.91	9.521	-0.389
316	10	Bias	9.777	9.665	-0.112
317	10	Bias	9.909	9.527	-0.382
318	10	Unbiased	9.661	9.564	-0.097
319	10	Unbiased	9.974	9.872	-0.102
320	10	Unbiased	9.815	9.727	-0.088
321	10	Unbiased	9.859	9.701	-0.158
322	10	Unbiased	9.866	9.752	-0.114
323	30	Bias	10.039	9.342	-0.697
324	30	Bias	9.854	9.182	-0.672
325	30	Bias	9.83	9.053	-0.777
326	30	Bias	9.762	9.002	-0.76
327	30	Bias	10.133	9.333	-0.8
328	30	Unbiased	9.799	9.602	-0.197
329	30	Unbiased	9.897	9.704	-0.193
330	30	Unbiased	9.796	9.586	-0.21
331	30	Unbiased	9.842	9.633	-0.209
332	30	Unbiased	9.95	9.75	-0.2
333	50	Bias	9.666	8.783	-0.883
334	50	Bias	9.81	8.905	-0.905
335	50	Bias	9.842	8.875	-0.967
336	50	Bias	9.864	8.897	-0.967
337	50	Bias	9.844	8.877	-0.967
338	50	Unbiased	9.806	9.541	-0.265
339	50	Unbiased	9.722	9.518	-0.204
340	50	Unbiased	9.788	9.548	-0.24
341	50	Unbiased	9.861	9.641	-0.22
342	50	Unbiased	9.718	9.492	-0.226
343	100	Bias	9.63	8.483	-1.147
344	100	Bias	9.816	8.628	-1.188
345	100	Bias	9.817	8.585	-1.232
346	100	Bias	9.958	8.685	-1.273
347	100	Bias	9.893	8.611	-1.282
348	100	Unbiased	9.702	9.386	-0.316
349	100	Unbiased	9.969	9.654	-0.315
350	100	Unbiased	9.819	9.448	-0.371
351	100	Unbiased	9.803	9.464	-0.339
352	100	Unbiased	9.626	9.293	-0.333

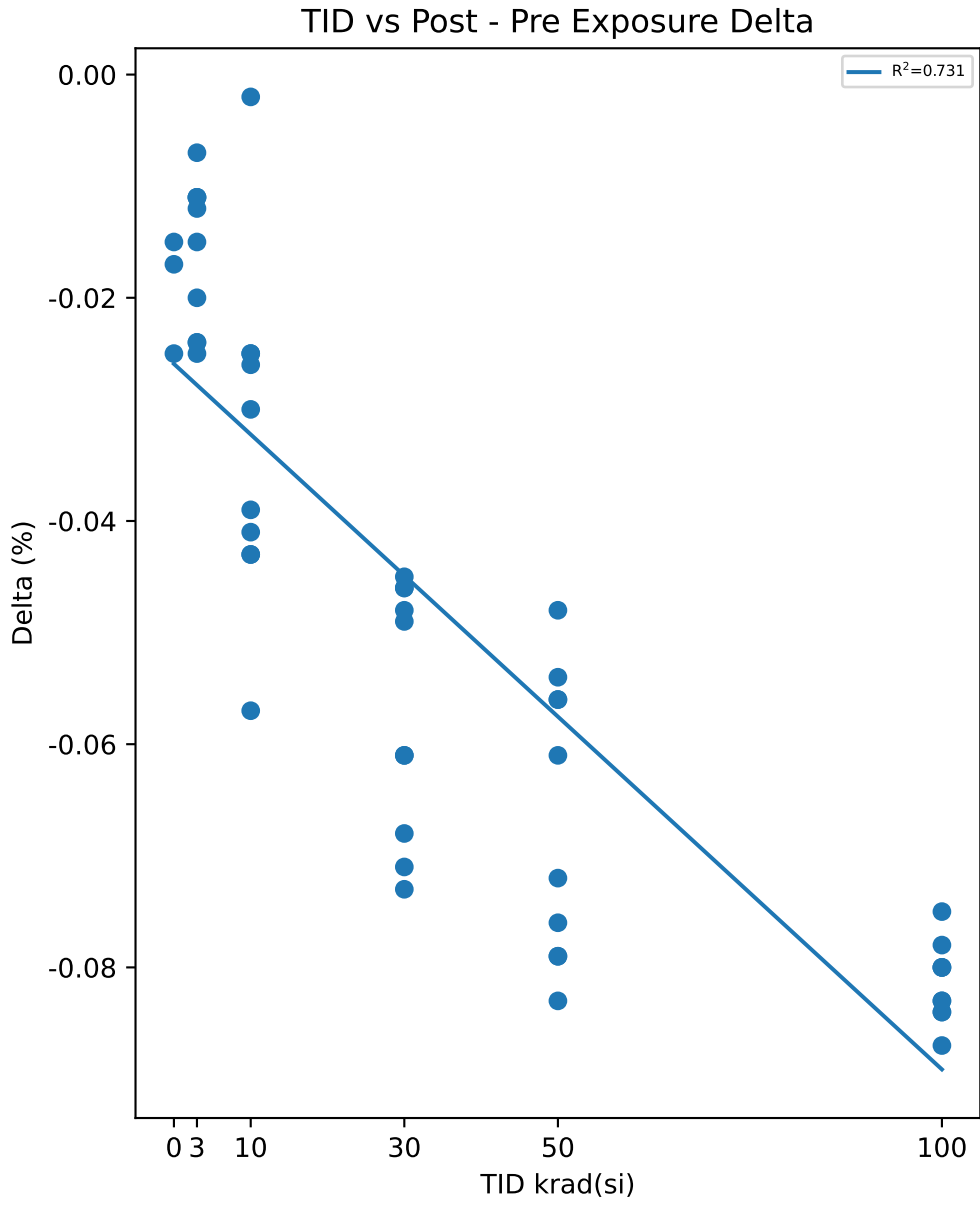
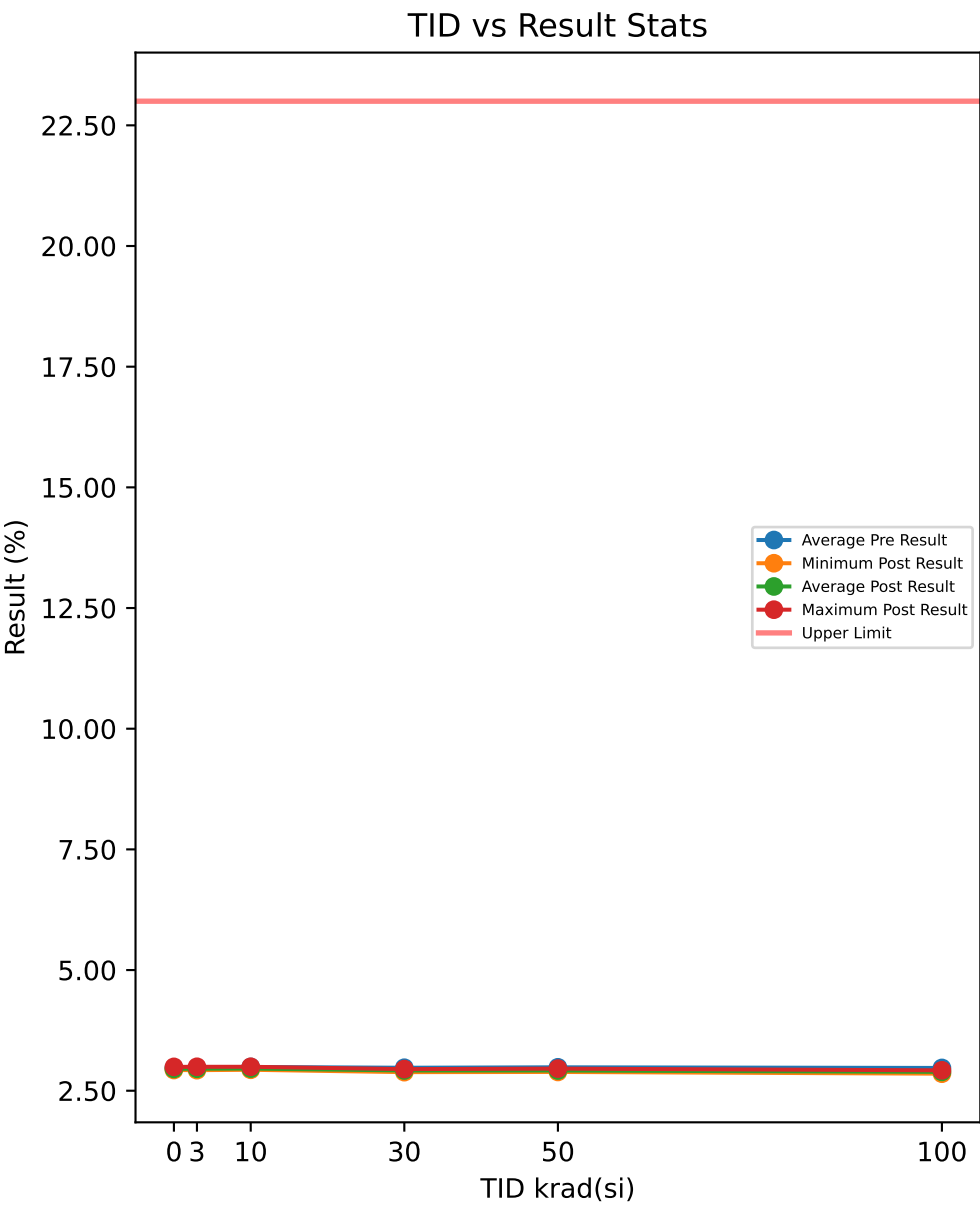
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.727	9.7913	9.845	0.059719	9.671	9.7277	9.759	0.049166	-0.086	-0.063667	-0.049	0.019655
3	9.642	9.8163	9.897	0.083452	9.597	9.7307	9.822	0.065513	-0.164	-0.0856	-0.033	0.056453
10	9.661	9.8517	9.974	0.087016	9.485	9.637	9.872	0.1256	-0.389	-0.2147	-0.088	0.13453
30	9.762	9.8902	10.133	0.11813	9.002	9.4187	9.75	0.27392	-0.8	-0.4715	-0.193	0.28664
50	9.666	9.7921	9.864	0.068262	8.783	9.2077	9.641	0.36214	-0.967	-0.5844	-0.204	0.37382
100	9.626	9.8033	9.969	0.121	8.483	9.0237	9.654	0.45964	-1.282	-0.7796	-0.315	0.47065

Device Test: 6.125; VOL_RESET_10MA

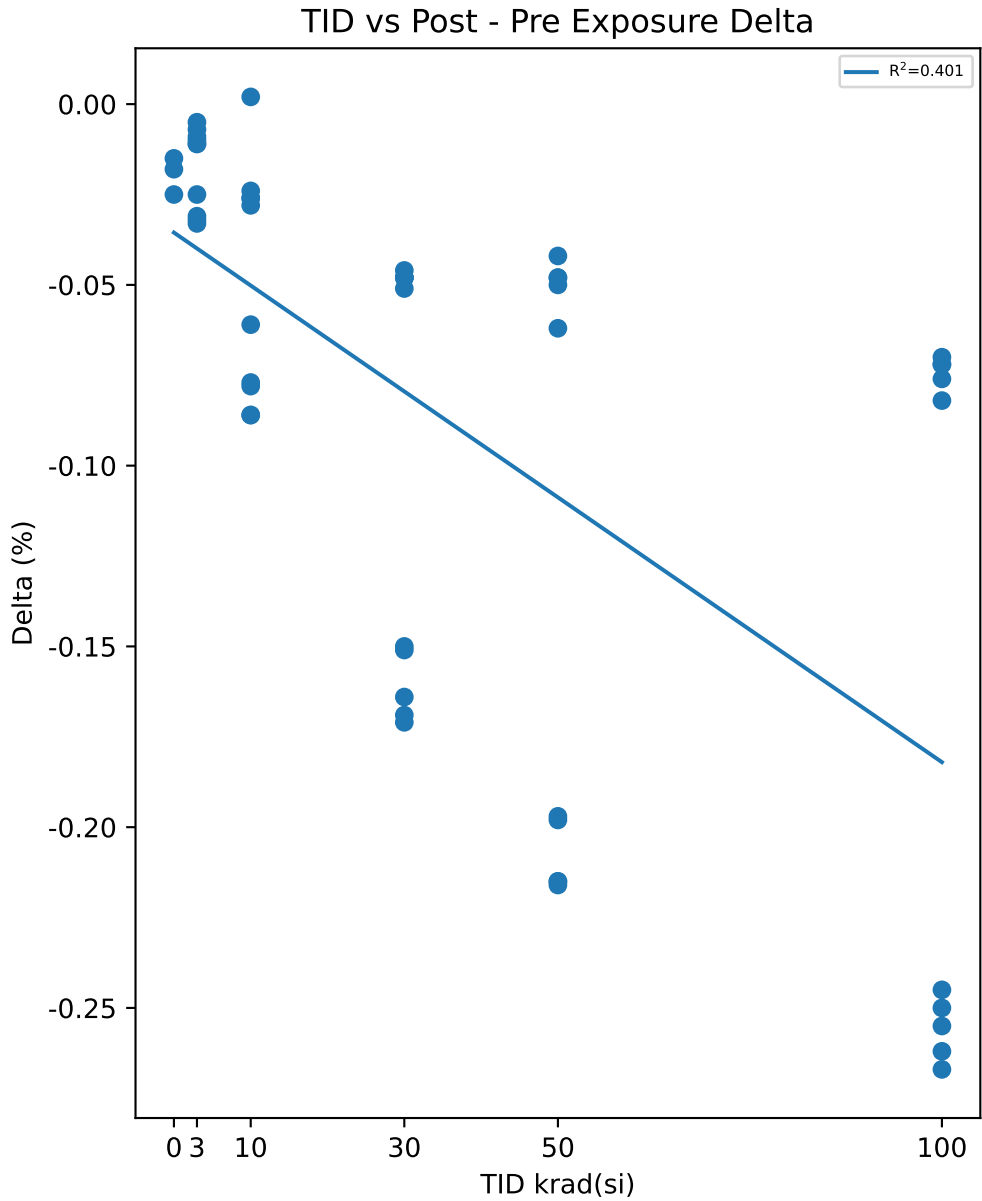
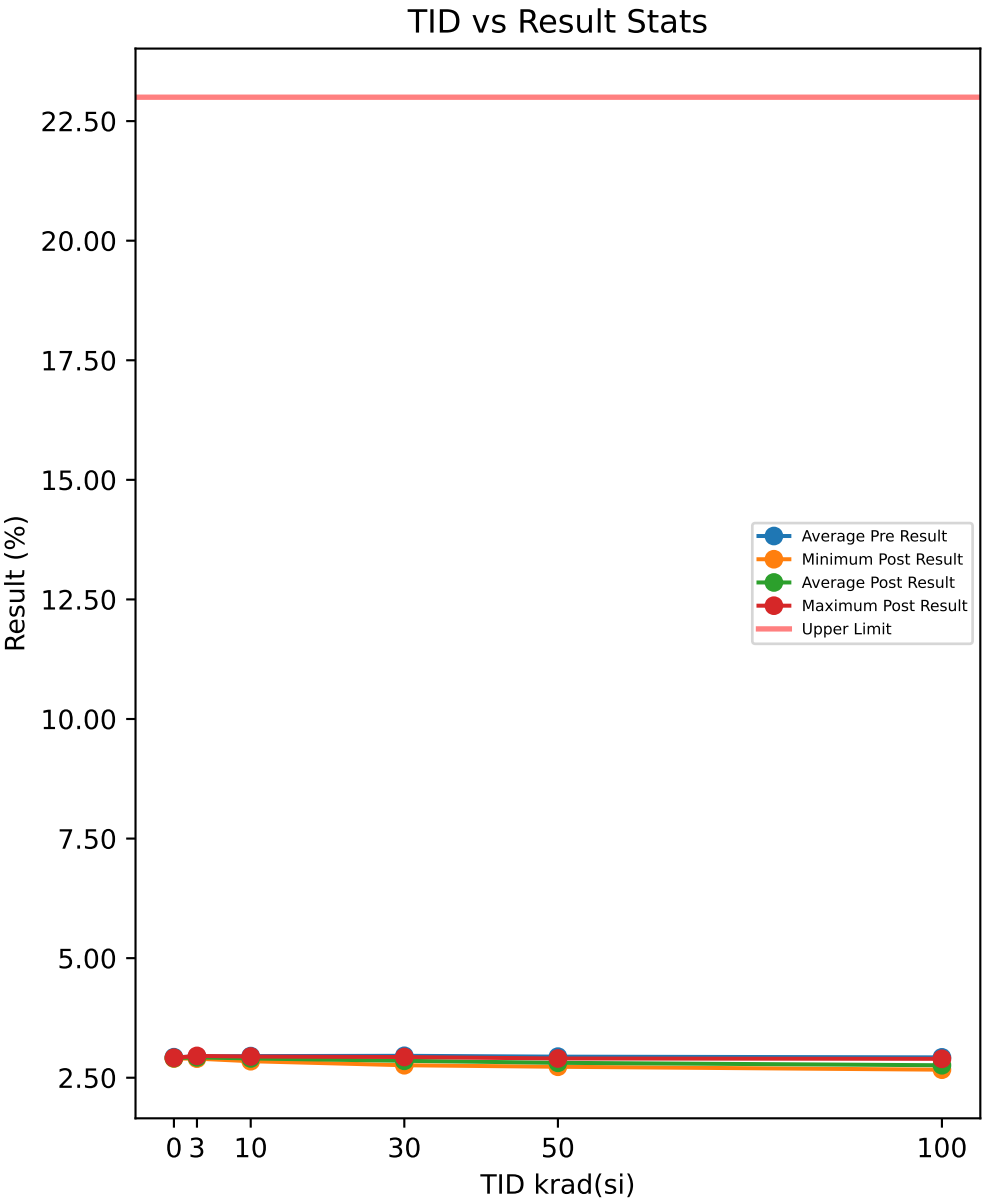


Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.96	2.935	-0.025
301	0	Correlation	2.946	2.929	-0.017
302	0	Correlation	3.009	2.994	-0.015
303	3	Bias	2.958	2.934	-0.024
304	3	Bias	3.021	2.996	-0.025
305	3	Bias	2.973	2.949	-0.024
306	3	Bias	2.975	2.955	-0.02
307	3	Bias	2.971	2.956	-0.015
308	3	Unbiased	2.969	2.957	-0.012
309	3	Unbiased	3	2.989	-0.011
310	3	Unbiased	2.966	2.959	-0.007
311	3	Unbiased	2.937	2.926	-0.011
312	3	Unbiased	2.948	2.937	-0.011
313	10	Bias	2.991	2.952	-0.039
314	10	Bias	3.008	2.965	-0.043
315	10	Bias	2.98	2.939	-0.041
316	10	Bias	2.989	2.963	-0.026
317	10	Bias	2.987	2.944	-0.043
318	10	Unbiased	2.982	2.957	-0.025
319	10	Unbiased	2.959	2.934	-0.025
320	10	Unbiased	3.012	2.955	-0.057
321	10	Unbiased	2.986	2.984	-0.002
322	10	Unbiased	3.026	2.996	-0.03
323	30	Bias	2.975	2.914	-0.061
324	30	Bias	2.965	2.904	-0.061
325	30	Bias	3.011	2.938	-0.073
326	30	Bias	2.956	2.885	-0.071
327	30	Bias	2.996	2.928	-0.068
328	30	Unbiased	2.954	2.909	-0.045
329	30	Unbiased	2.994	2.948	-0.046
330	30	Unbiased	2.961	2.913	-0.048
331	30	Unbiased	2.984	2.935	-0.049
332	30	Unbiased	2.968	2.922	-0.046
333	50	Bias	2.962	2.89	-0.072
334	50	Bias	3	2.924	-0.076
335	50	Bias	2.973	2.894	-0.079
336	50	Bias	2.989	2.91	-0.079
337	50	Bias	3.031	2.948	-0.083
338	50	Unbiased	2.972	2.911	-0.061
339	50	Unbiased	2.937	2.889	-0.048
340	50	Unbiased	2.987	2.931	-0.056
341	50	Unbiased	2.989	2.935	-0.054
342	50	Unbiased	3.014	2.958	-0.056
343	100	Bias	2.964	2.884	-0.08
344	100	Bias	2.981	2.898	-0.083
345	100	Bias	2.966	2.882	-0.084
346	100	Bias	2.991	2.908	-0.083
347	100	Bias	2.979	2.899	-0.08
348	100	Unbiased	3.003	2.923	-0.08
349	100	Unbiased	2.974	2.899	-0.075
350	100	Unbiased	2.94	2.853	-0.087
351	100	Unbiased	2.982	2.898	-0.084
352	100	Unbiased	2.942	2.864	-0.078

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.946	2.9717	3.009	0.033081	2.929	2.9527	2.994	0.035921	-0.025	-0.019	-0.015	0.0052915
3	2.937	2.9718	3.021	0.024124	2.926	2.9558	2.996	0.022345	-0.025	-0.016	-0.007	0.00665
10	2.959	2.992	3.026	0.018903	2.934	2.9589	2.996	0.019336	-0.057	-0.0331	-0.002	0.014992
30	2.954	2.9764	3.011	0.019167	2.885	2.9196	2.948	0.018518	-0.073	-0.0568	-0.045	0.011233
50	2.937	2.9854	3.031	0.026588	2.889	2.919	2.958	0.024262	-0.083	-0.0664	-0.048	0.012712
100	2.94	2.9722	3.003	0.019943	2.853	2.8908	2.923	0.02066	-0.087	-0.0814	-0.075	0.0034705

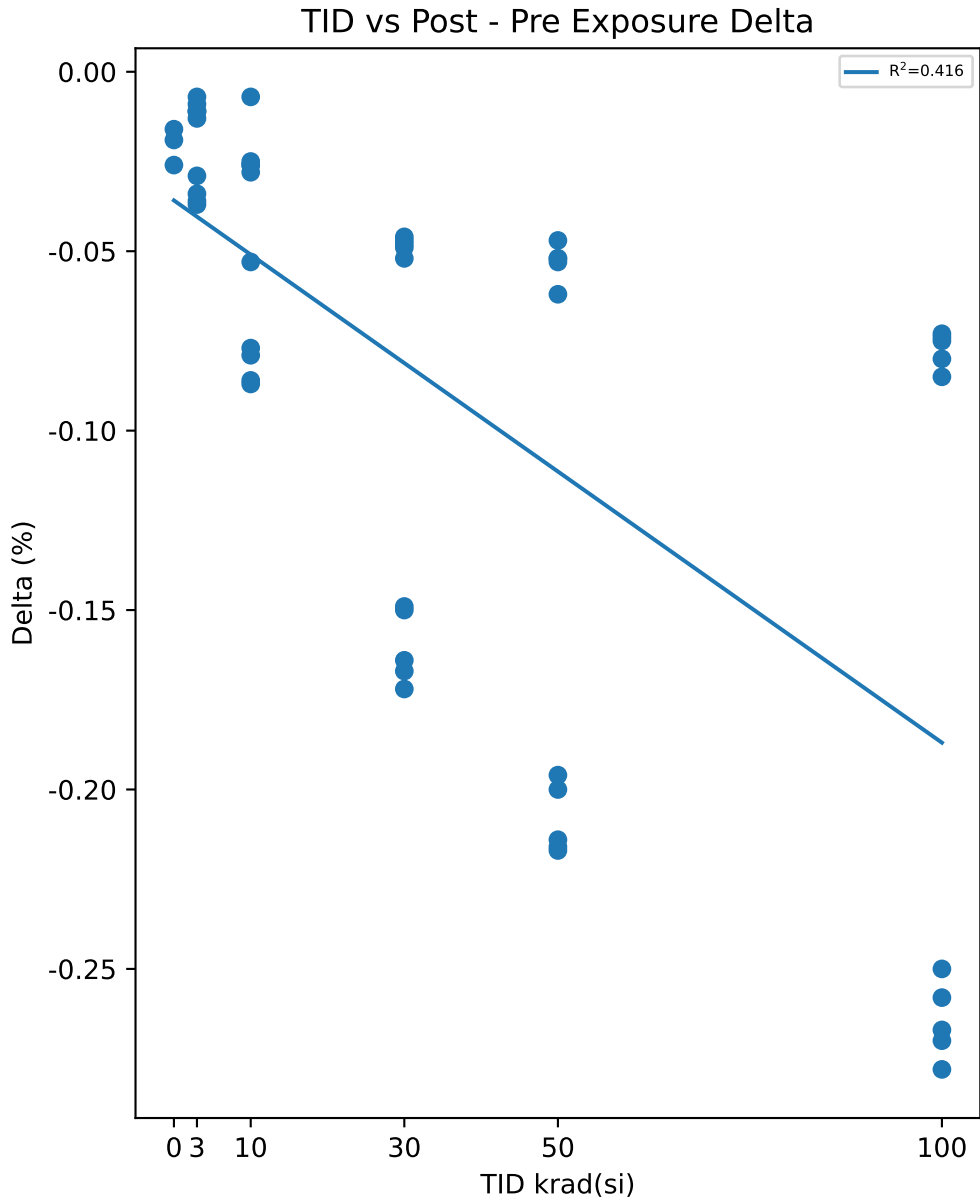
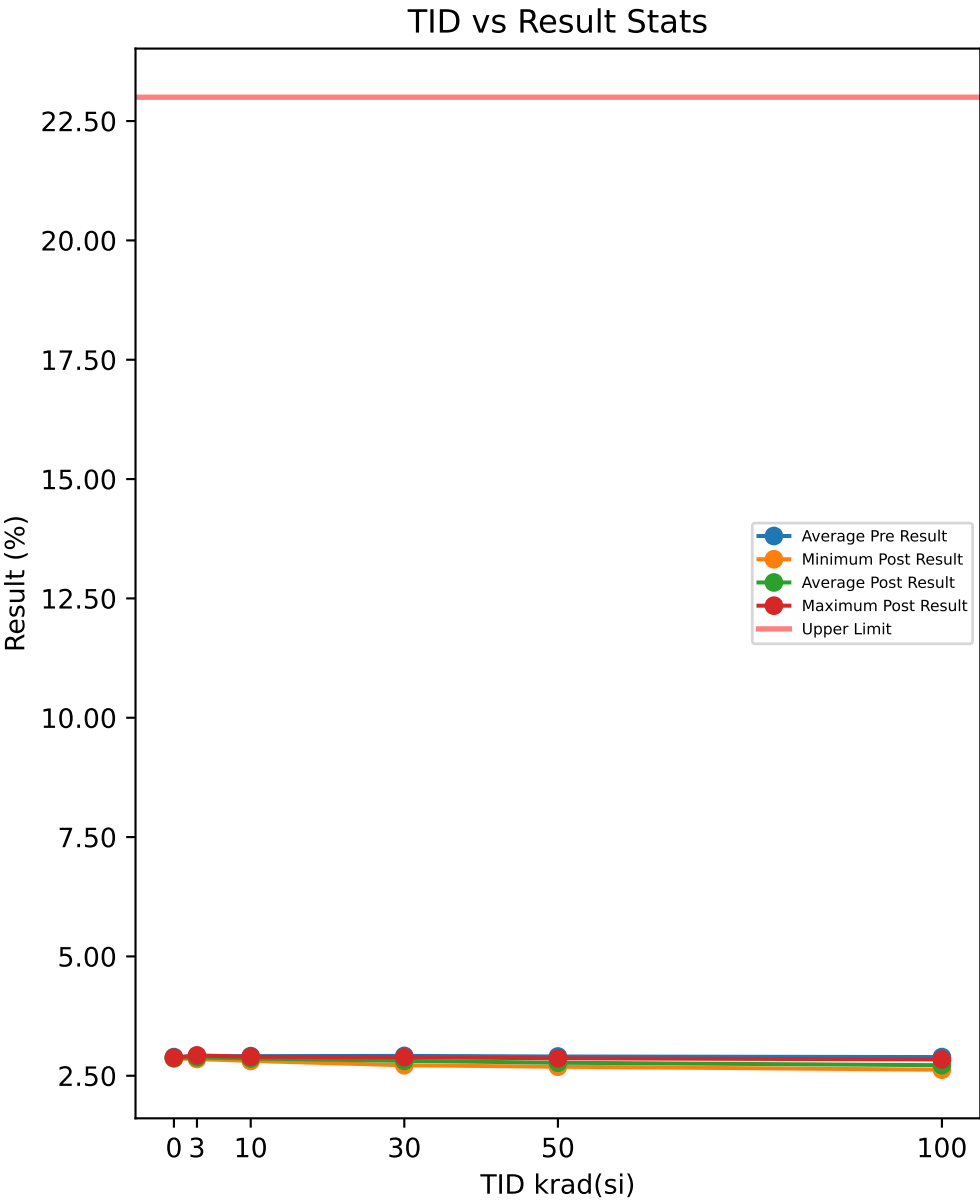
Device Test: 6.126; VOL_RESET_10MA



Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.942	2.917	-0.025
301	0	Correlation	2.919	2.901	-0.018
302	0	Correlation	2.927	2.912	-0.015
303	3	Bias	2.942	2.911	-0.031
304	3	Bias	2.949	2.917	-0.032
305	3	Bias	2.964	2.931	-0.033
306	3	Bias	2.944	2.919	-0.025
307	3	Bias	2.954	2.945	-0.009
308	3	Unbiased	2.959	2.954	-0.005
309	3	Unbiased	2.919	2.909	-0.01
310	3	Unbiased	2.963	2.956	-0.007
311	3	Unbiased	2.921	2.91	-0.011
312	3	Unbiased	2.91	2.899	-0.011
313	10	Bias	2.971	2.894	-0.077
314	10	Bias	2.923	2.845	-0.078
315	10	Bias	2.969	2.883	-0.086
316	10	Bias	2.946	2.92	-0.026
317	10	Bias	2.98	2.894	-0.086
318	10	Unbiased	2.911	2.887	-0.024
319	10	Unbiased	2.964	2.938	-0.026
320	10	Unbiased	2.941	2.943	0.002
321	10	Unbiased	2.975	2.914	-0.061
322	10	Unbiased	2.944	2.916	-0.028
323	30	Bias	2.972	2.821	-0.151
324	30	Bias	2.962	2.812	-0.15
325	30	Bias	2.932	2.761	-0.171
326	30	Bias	2.941	2.772	-0.169
327	30	Bias	2.993	2.829	-0.164
328	30	Unbiased	2.944	2.896	-0.048
329	30	Unbiased	2.979	2.933	-0.046
330	30	Unbiased	2.929	2.881	-0.048
331	30	Unbiased	2.959	2.908	-0.051
332	30	Unbiased	2.972	2.924	-0.048
333	50	Bias	2.954	2.756	-0.198
334	50	Bias	2.926	2.729	-0.197
335	50	Bias	2.959	2.744	-0.215
336	50	Bias	2.965	2.75	-0.215
337	50	Bias	2.969	2.753	-0.216
338	50	Unbiased	2.945	2.883	-0.062
339	50	Unbiased	2.899	2.857	-0.042
340	50	Unbiased	2.927	2.877	-0.05
341	50	Unbiased	2.95	2.902	-0.048
342	50	Unbiased	2.914	2.866	-0.048
343	100	Bias	2.913	2.668	-0.245
344	100	Bias	2.933	2.683	-0.25
345	100	Bias	2.935	2.673	-0.262
346	100	Bias	2.947	2.68	-0.267
347	100	Bias	2.938	2.683	-0.255
348	100	Unbiased	2.908	2.838	-0.07
349	100	Unbiased	2.967	2.895	-0.072
350	100	Unbiased	2.915	2.833	-0.082
351	100	Unbiased	2.901	2.825	-0.076
352	100	Unbiased	2.901	2.829	-0.072

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.919	2.9293	2.942	0.011676	2.901	2.91	2.917	0.0081854	-0.025	-0.019333	-0.015	0.0051316
3	2.91	2.9425	2.964	0.019444	2.899	2.9251	2.956	0.020251	-0.033	-0.0174	-0.005	0.011394
10	2.911	2.9524	2.98	0.02321	2.845	2.9034	2.943	0.029029	-0.086	-0.049	0.002	0.032028
30	2.929	2.9583	2.993	0.021281	2.761	2.8537	2.933	0.062716	-0.171	-0.1046	-0.046	0.05983
50	2.899	2.9408	2.969	0.023247	2.729	2.8117	2.902	0.070143	-0.216	-0.1291	-0.042	0.083777
100	2.901	2.9258	2.967	0.021755	2.668	2.7607	2.895	0.090006	-0.267	-0.1651	-0.07	0.095842

Device Test: 6.127; VOL_RESET_10MA



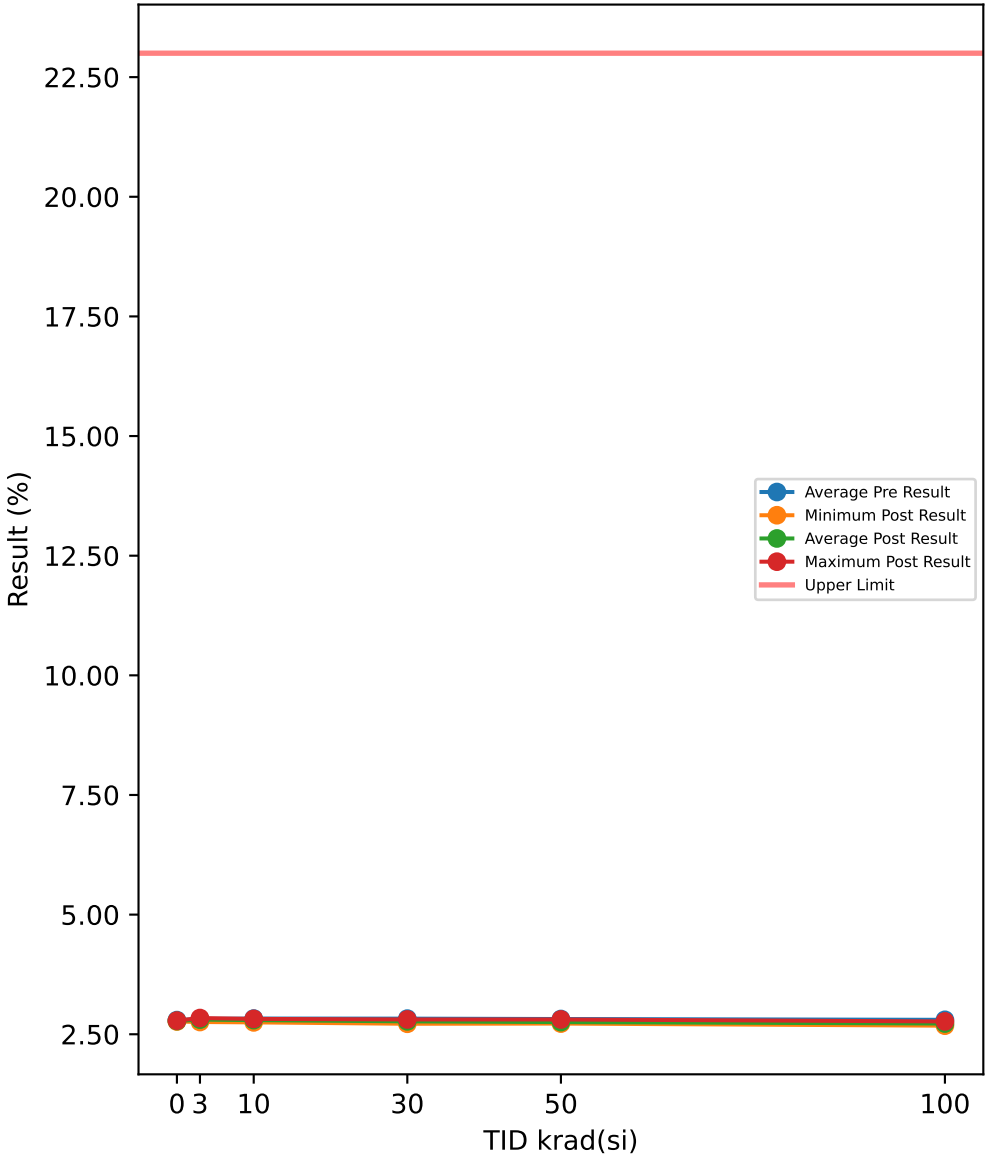
Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.906	2.88	-0.026
301	0	Correlation	2.882	2.863	-0.019
302	0	Correlation	2.884	2.868	-0.016
303	3	Bias	2.9	2.866	-0.034
304	3	Bias	2.935	2.899	-0.036
305	3	Bias	2.912	2.875	-0.037
306	3	Bias	2.918	2.889	-0.029
307	3	Bias	2.913	2.9	-0.013
308	3	Unbiased	2.936	2.927	-0.009
309	3	Unbiased	2.888	2.877	-0.011
310	3	Unbiased	2.921	2.914	-0.007
311	3	Unbiased	2.876	2.865	-0.011
312	3	Unbiased	2.862	2.851	-0.011
313	10	Bias	2.934	2.857	-0.077
314	10	Bias	2.89	2.811	-0.079
315	10	Bias	2.92	2.834	-0.086
316	10	Bias	2.906	2.88	-0.026
317	10	Bias	2.94	2.853	-0.087
318	10	Unbiased	2.865	2.84	-0.025
319	10	Unbiased	2.914	2.888	-0.026
320	10	Unbiased	2.904	2.897	-0.007
321	10	Unbiased	2.929	2.876	-0.053
322	10	Unbiased	2.911	2.883	-0.028
323	30	Bias	2.934	2.784	-0.15
324	30	Bias	2.913	2.764	-0.149
325	30	Bias	2.901	2.729	-0.172
326	30	Bias	2.887	2.72	-0.167
327	30	Bias	2.952	2.788	-0.164
328	30	Unbiased	2.891	2.844	-0.047
329	30	Unbiased	2.934	2.888	-0.046
330	30	Unbiased	2.885	2.836	-0.049
331	30	Unbiased	2.937	2.885	-0.052
332	30	Unbiased	2.925	2.877	-0.048
333	50	Bias	2.907	2.711	-0.196
334	50	Bias	2.889	2.689	-0.2
335	50	Bias	2.921	2.707	-0.214
336	50	Bias	2.938	2.722	-0.216
337	50	Bias	2.93	2.713	-0.217
338	50	Unbiased	2.902	2.84	-0.062
339	50	Unbiased	2.864	2.817	-0.047
340	50	Unbiased	2.887	2.834	-0.053
341	50	Unbiased	2.917	2.865	-0.052
342	50	Unbiased	2.881	2.829	-0.052
343	100	Bias	2.877	2.627	-0.25
344	100	Bias	2.908	2.65	-0.258
345	100	Bias	2.898	2.631	-0.267
346	100	Bias	2.936	2.658	-0.278
347	100	Bias	2.915	2.645	-0.27
348	100	Unbiased	2.872	2.799	-0.073
349	100	Unbiased	2.917	2.842	-0.075
350	100	Unbiased	2.871	2.786	-0.085
351	100	Unbiased	2.88	2.8	-0.08
352	100	Unbiased	2.844	2.77	-0.074

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.882	2.8907	2.906	0.013317	2.863	2.8703	2.88	0.0087369	-0.026	-0.020333	-0.016	0.0051316
3	2.862	2.9061	2.936	0.024474	2.851	2.8863	2.927	0.023819	-0.037	-0.0198	-0.007	0.012488
10	2.865	2.9113	2.94	0.022146	2.811	2.8619	2.897	0.027562	-0.087	-0.0494	-0.007	0.03046
30	2.885	2.9159	2.952	0.023867	2.72	2.8115	2.888	0.063197	-0.172	-0.1044	-0.046	0.059452
50	2.864	2.9036	2.938	0.023439	2.689	2.7727	2.865	0.069284	-0.217	-0.1309	-0.047	0.082245
100	2.844	2.8918	2.936	0.02768	2.627	2.7208	2.842	0.085188	-0.278	-0.171	-0.073	0.098985

Device Test: 6.128; VOL_RESET_10MA

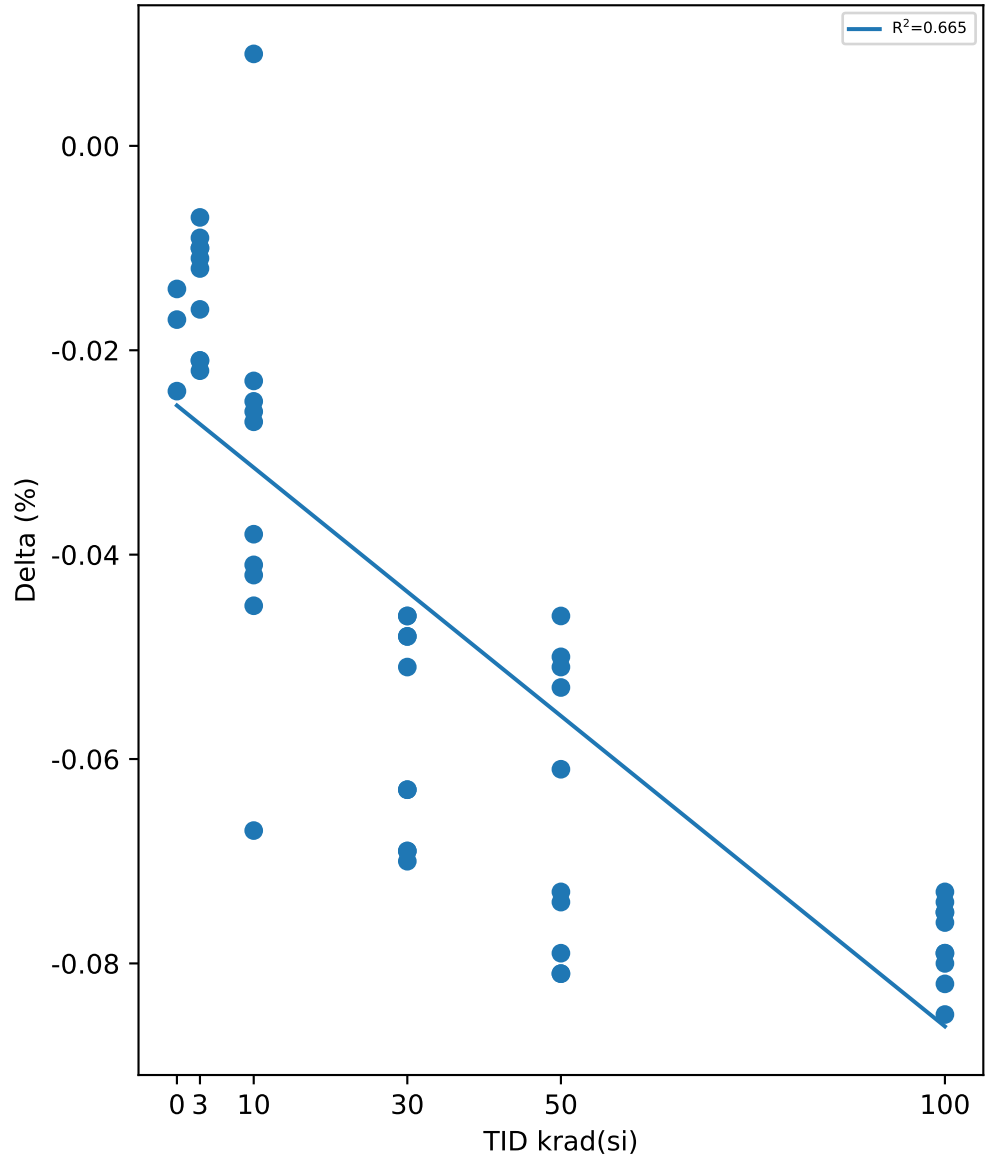
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.809	2.785	-0.024
301	0	Correlation	2.783	2.766	-0.017
302	0	Correlation	2.795	2.781	-0.014
303	3	Bias	2.812	2.791	-0.021
304	3	Bias	2.861	2.839	-0.022
305	3	Bias	2.837	2.816	-0.021
306	3	Bias	2.826	2.81	-0.016
307	3	Bias	2.834	2.822	-0.012
308	3	Unbiased	2.844	2.835	-0.009
309	3	Unbiased	2.798	2.788	-0.01
310	3	Unbiased	2.838	2.831	-0.007
311	3	Unbiased	2.78	2.769	-0.011
312	3	Unbiased	2.766	2.756	-0.01
313	10	Bias	2.849	2.811	-0.038
314	10	Bias	2.803	2.762	-0.041
315	10	Bias	2.845	2.803	-0.042
316	10	Bias	2.814	2.788	-0.026
317	10	Bias	2.866	2.821	-0.045
318	10	Unbiased	2.771	2.748	-0.023
319	10	Unbiased	2.832	2.807	-0.025
320	10	Unbiased	2.812	2.821	0.009
321	10	Unbiased	2.852	2.785	-0.067
322	10	Unbiased	2.839	2.812	-0.027
323	30	Bias	2.85	2.787	-0.063
324	30	Bias	2.825	2.762	-0.063
325	30	Bias	2.811	2.741	-0.07
326	30	Bias	2.788	2.719	-0.069
327	30	Bias	2.875	2.806	-0.069
328	30	Unbiased	2.795	2.749	-0.046
329	30	Unbiased	2.855	2.809	-0.046
330	30	Unbiased	2.79	2.742	-0.048
331	30	Unbiased	2.844	2.793	-0.051
332	30	Unbiased	2.835	2.787	-0.048
333	50	Bias	2.816	2.743	-0.073
334	50	Bias	2.801	2.727	-0.074
335	50	Bias	2.844	2.763	-0.081
336	50	Bias	2.85	2.771	-0.079
337	50	Bias	2.838	2.757	-0.081
338	50	Unbiased	2.811	2.75	-0.061
339	50	Unbiased	2.769	2.723	-0.046
340	50	Unbiased	2.811	2.758	-0.053
341	50	Unbiased	2.86	2.809	-0.051
342	50	Unbiased	2.787	2.737	-0.05
343	100	Bias	2.778	2.702	-0.076
344	100	Bias	2.824	2.744	-0.08
345	100	Bias	2.826	2.744	-0.082
346	100	Bias	2.829	2.75	-0.079
347	100	Bias	2.803	2.729	-0.074
348	100	Unbiased	2.789	2.716	-0.073
349	100	Unbiased	2.843	2.768	-0.075
350	100	Unbiased	2.782	2.697	-0.085
351	100	Unbiased	2.791	2.712	-0.079
352	100	Unbiased	2.754	2.679	-0.075

TID vs Post - Pre Exposure Delta

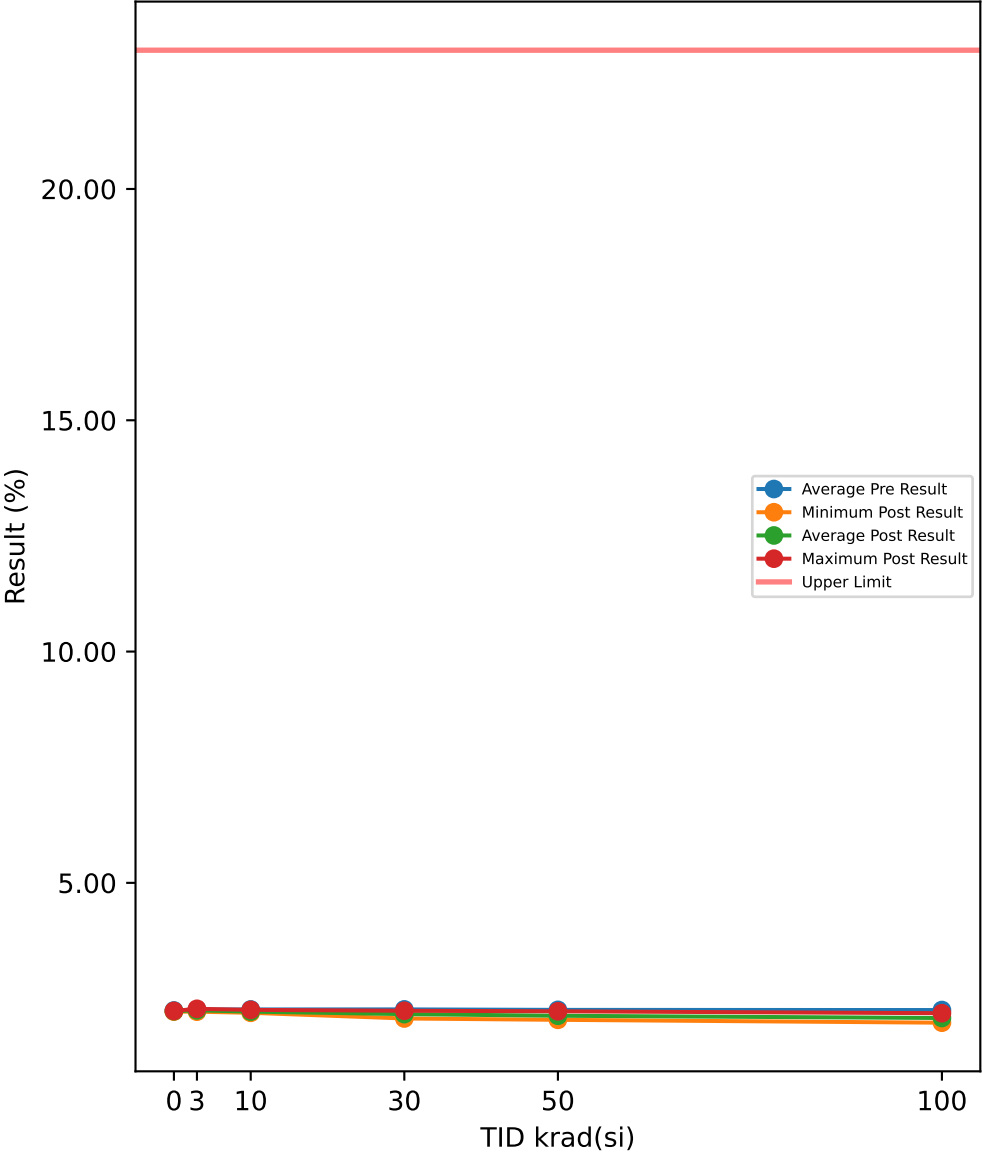


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.783	2.7957	2.809	0.013013	2.766	2.7773	2.785	0.010017	-0.024	-0.018333	-0.014	0.0051316
3	2.766	2.8196	2.861	0.030119	2.756	2.8057	2.839	0.028566	-0.022	-0.0139	-0.007	0.0056263
10	2.771	2.8283	2.866	0.028308	2.748	2.7958	2.821	0.024823	-0.067	-0.0325	0.009	0.019665
30	2.788	2.8268	2.875	0.030081	2.719	2.7695	2.809	0.031006	-0.07	-0.0573	-0.046	0.010371
50	2.769	2.8187	2.86	0.029082	2.723	2.7538	2.809	0.024801	-0.081	-0.0649	-0.046	0.014122
100	2.754	2.8019	2.843	0.02797	2.679	2.7241	2.768	0.027654	-0.085	-0.0778	-0.073	0.0038528

Device Test: 6.129; VOL_WDO_10MA

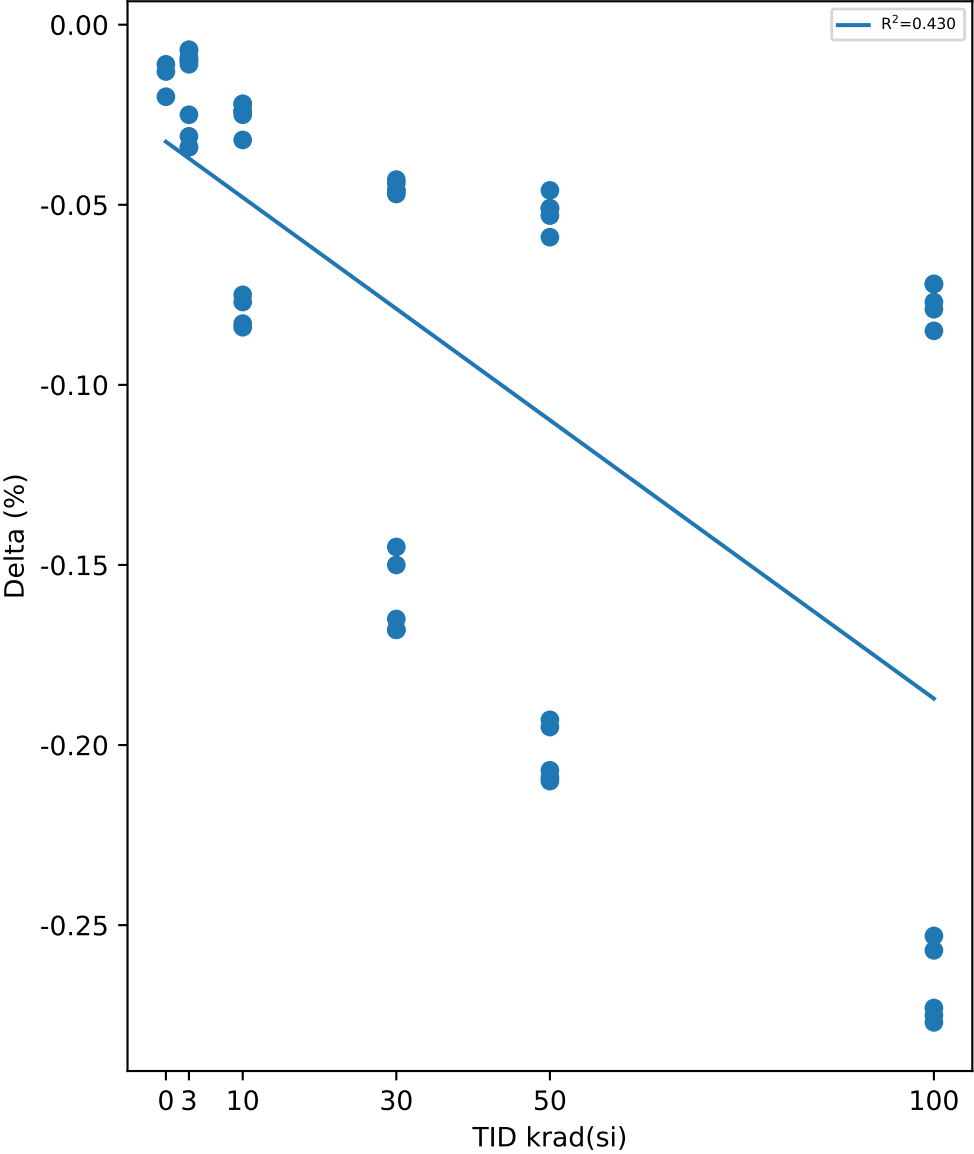
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.252	2.232	-0.02
301	0	Correlation	2.229	2.216	-0.013
302	0	Correlation	2.243	2.232	-0.011
303	3	Bias	2.274	2.243	-0.031
304	3	Bias	2.286	2.252	-0.034
305	3	Bias	2.265	2.231	-0.034
306	3	Bias	2.24	2.215	-0.025
307	3	Bias	2.279	2.269	-0.01
308	3	Unbiased	2.284	2.277	-0.007
309	3	Unbiased	2.253	2.242	-0.011
310	3	Unbiased	2.273	2.266	-0.007
311	3	Unbiased	2.229	2.22	-0.009
312	3	Unbiased	2.234	2.224	-0.01
313	10	Bias	2.267	2.192	-0.075
314	10	Bias	2.278	2.201	-0.077
315	10	Bias	2.278	2.194	-0.084
316	10	Bias	2.244	2.22	-0.024
317	10	Bias	2.274	2.191	-0.083
318	10	Unbiased	2.249	2.227	-0.022
319	10	Unbiased	2.278	2.254	-0.024
320	10	Unbiased	2.241	2.219	-0.022
321	10	Unbiased	2.248	2.216	-0.032
322	10	Unbiased	2.274	2.249	-0.025
323	30	Bias	2.304	2.154	-0.15
324	30	Bias	2.255	2.11	-0.145
325	30	Bias	2.271	2.103	-0.168
326	30	Bias	2.233	2.068	-0.165
327	30	Bias	2.303	2.135	-0.168
328	30	Unbiased	2.243	2.199	-0.044
329	30	Unbiased	2.266	2.223	-0.043
330	30	Unbiased	2.239	2.193	-0.046
331	30	Unbiased	2.248	2.201	-0.047
332	30	Unbiased	2.281	2.235	-0.046
333	50	Bias	2.232	2.039	-0.193
334	50	Bias	2.25	2.055	-0.195
335	50	Bias	2.268	2.059	-0.209
336	50	Bias	2.261	2.054	-0.207
337	50	Bias	2.264	2.054	-0.21
338	50	Unbiased	2.25	2.191	-0.059
339	50	Unbiased	2.224	2.178	-0.046
340	50	Unbiased	2.269	2.216	-0.053
341	50	Unbiased	2.274	2.223	-0.051
342	50	Unbiased	2.25	2.199	-0.051
343	100	Bias	2.23	1.977	-0.253
344	100	Bias	2.25	1.993	-0.257
345	100	Bias	2.272	1.999	-0.273
346	100	Bias	2.282	2.005	-0.277
347	100	Bias	2.258	1.983	-0.275
348	100	Unbiased	2.238	2.166	-0.072
349	100	Unbiased	2.254	2.182	-0.072
350	100	Unbiased	2.246	2.161	-0.085
351	100	Unbiased	2.25	2.171	-0.079
352	100	Unbiased	2.225	2.148	-0.077

TID vs Post - Pre Exposure Delta

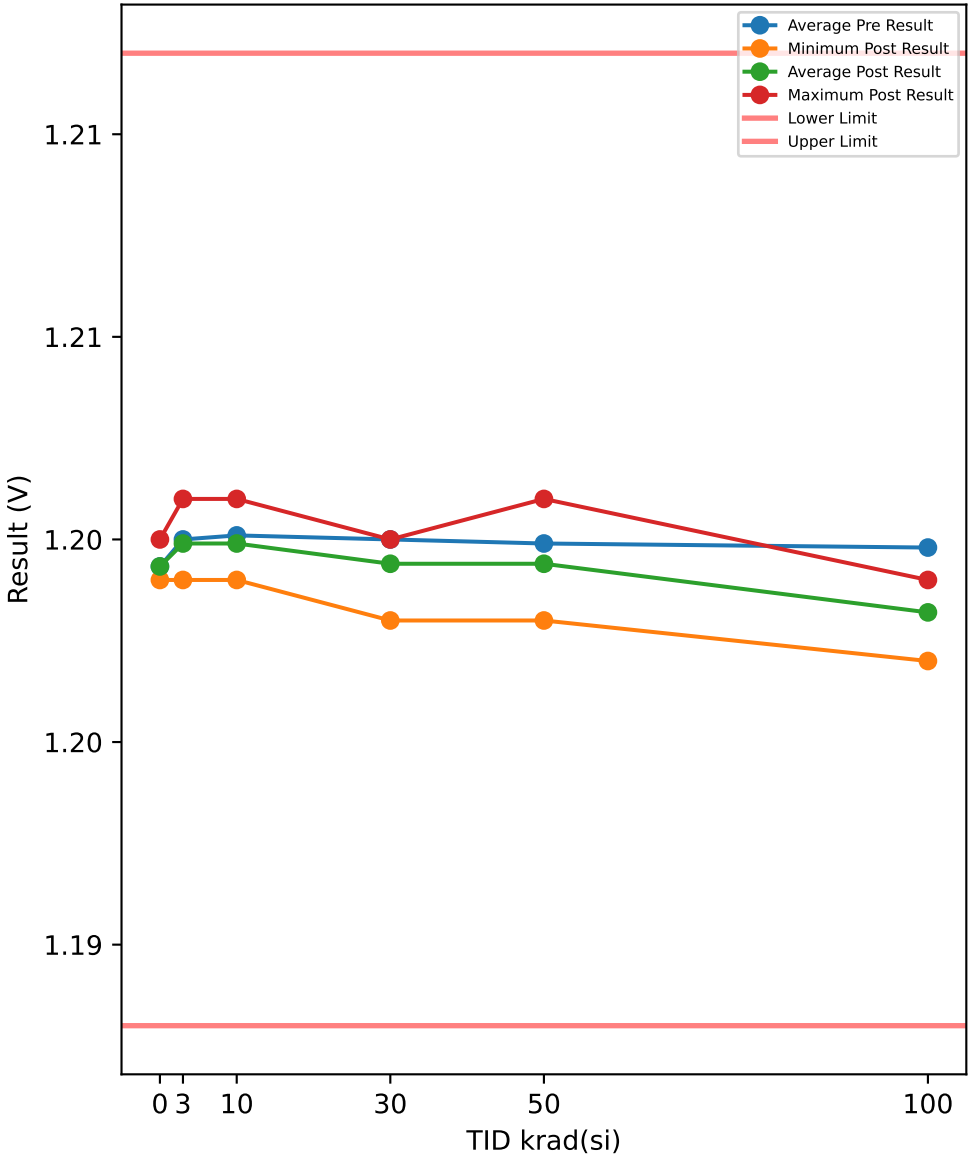


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.229	2.2413	2.252	0.01159	2.216	2.2267	2.232	0.0092376	-0.02	-0.014667	-0.011	0.0047258
3	2.229	2.2617	2.286	0.02124	2.215	2.2439	2.277	0.021738	-0.034	-0.0178	-0.007	0.011689
10	2.241	2.2631	2.278	0.015631	2.191	2.2163	2.254	0.022579	-0.084	-0.0468	-0.022	0.028608
30	2.233	2.2643	2.304	0.025443	2.068	2.1621	2.235	0.056485	-0.168	-0.1022	-0.043	0.060531
50	2.224	2.2542	2.274	0.016335	2.039	2.1268	2.223	0.079741	-0.21	-0.1274	-0.046	0.079725
100	2.225	2.2505	2.282	0.017545	1.977	2.0785	2.182	0.092506	-0.277	-0.172	-0.072	0.10048

Device Test: 6.13 ; REFCAP

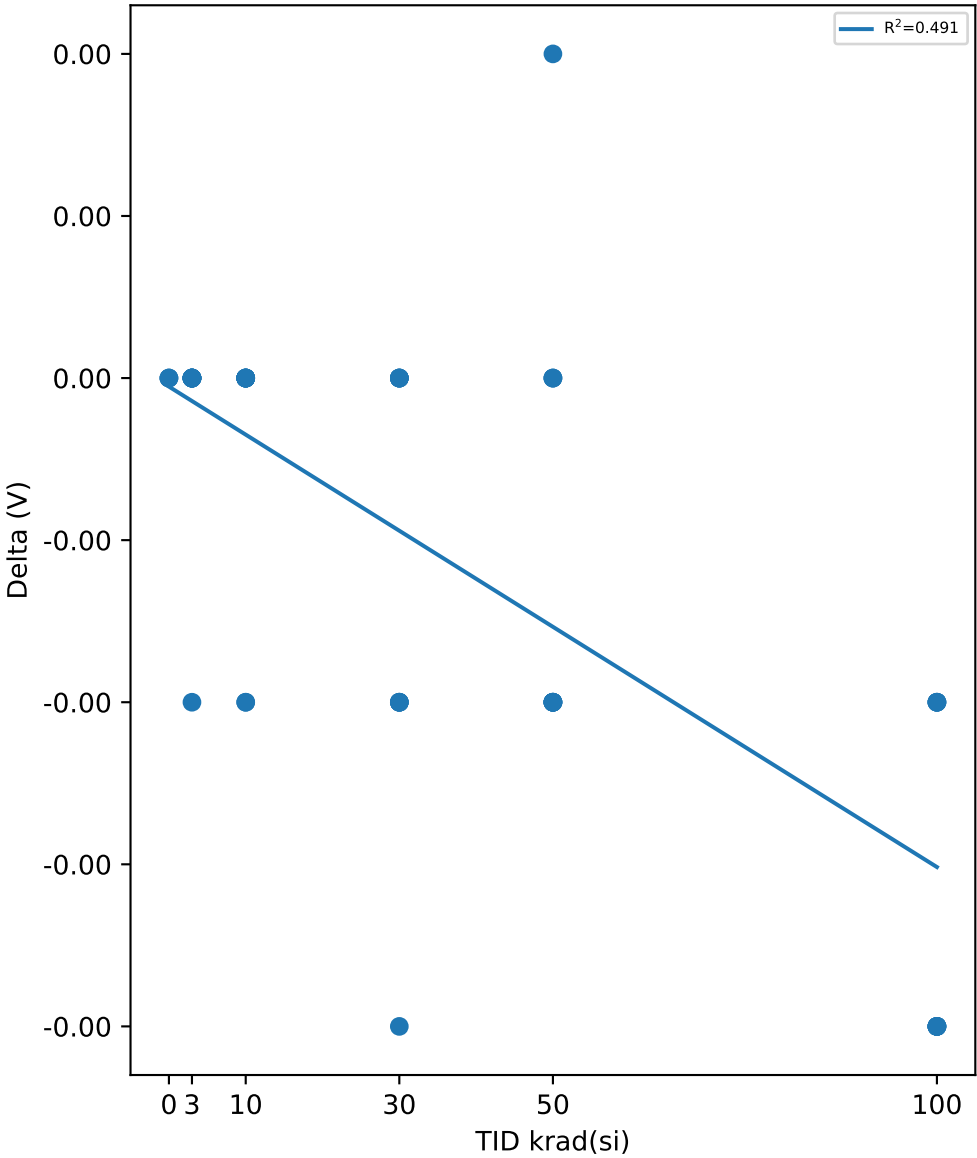
TID vs Result Stats



Test Results (Lower Limit = 1.188, Upper Limit = 1.212 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.199	1.199	0
301	0	Correlation	1.2	1.2	0
302	0	Correlation	1.199	1.199	0
303	3	Bias	1.2	1.2	0
304	3	Bias	1.199	1.199	0
305	3	Bias	1.201	1.201	0
306	3	Bias	1.2	1.2	0
307	3	Bias	1.2	1.2	0
308	3	Unbiased	1.201	1.201	0
309	3	Unbiased	1.199	1.199	0
310	3	Unbiased	1.2	1.2	0
311	3	Unbiased	1.2	1.199	-0.001
312	3	Unbiased	1.2	1.2	0
313	10	Bias	1.2	1.2	0
314	10	Bias	1.2	1.2	0
315	10	Bias	1.2	1.2	0
316	10	Bias	1.2	1.2	0
317	10	Bias	1.2	1.199	-0.001
318	10	Unbiased	1.201	1.201	0
319	10	Unbiased	1.2	1.2	0
320	10	Unbiased	1.2	1.199	-0.001
321	10	Unbiased	1.2	1.2	0
322	10	Unbiased	1.2	1.2	0
323	30	Bias	1.201	1.2	-0.001
324	30	Bias	1.2	1.2	0
325	30	Bias	1.201	1.199	-0.002
326	30	Bias	1.199	1.199	0
327	30	Bias	1.201	1.2	-0.001
328	30	Unbiased	1.2	1.2	0
329	30	Unbiased	1.199	1.199	0
330	30	Unbiased	1.201	1.2	-0.001
331	30	Unbiased	1.199	1.199	0
332	30	Unbiased	1.199	1.198	-0.001
333	50	Bias	1.2	1.199	-0.001
334	50	Bias	1.199	1.199	0
335	50	Bias	1.2	1.199	-0.001
336	50	Bias	1.2	1.199	-0.001
337	50	Bias	1.201	1.2	-0.001
338	50	Unbiased	1.201	1.2	-0.001
339	50	Unbiased	1.2	1.2	0
340	50	Unbiased	1.199	1.199	0
341	50	Unbiased	1.199	1.198	-0.001
342	50	Unbiased	1.2	1.201	0.001
343	100	Bias	1.2	1.198	-0.002
344	100	Bias	1.2	1.198	-0.002
345	100	Bias	1.2	1.198	-0.002
346	100	Bias	1.199	1.197	-0.002
347	100	Bias	1.2	1.199	-0.001
348	100	Unbiased	1.199	1.198	-0.001
349	100	Unbiased	1.199	1.198	-0.001
350	100	Unbiased	1.201	1.199	-0.002
351	100	Unbiased	1.2	1.198	-0.002
352	100	Unbiased	1.2	1.199	-0.001

TID vs Post - Pre Exposure Delta

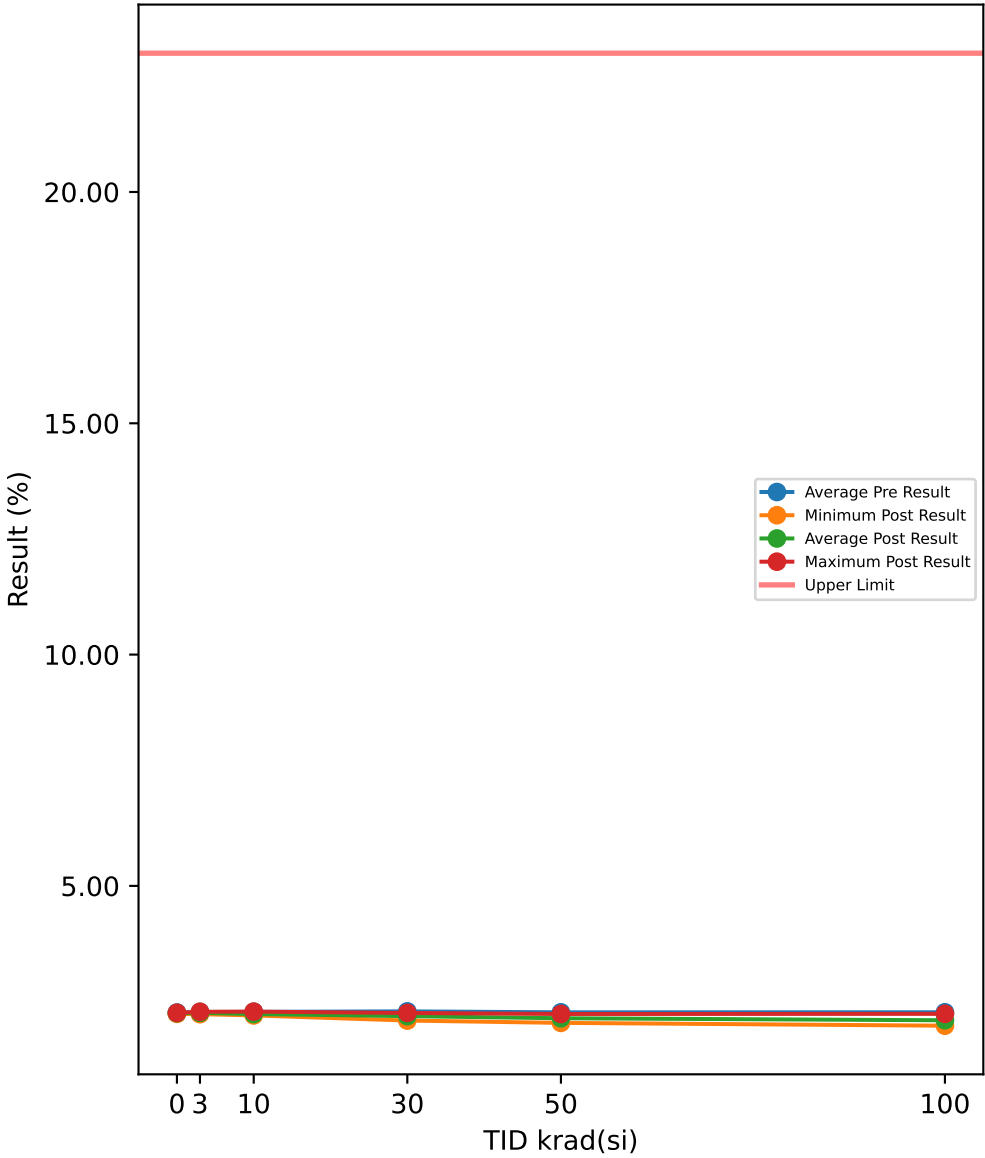


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.199	1.1993	1.2	0.00057735	1.199	1.1993	1.2	0.00057735	0	0	0	0
3	1.199	1.2	1.201	0.00066667	1.199	1.1999	1.201	0.00073786	-0.001	-0.0001	0	0.00031623
10	1.2	1.2001	1.201	0.00031623	1.199	1.1999	1.201	0.00056765	-0.001	-0.0002	0	0.00042164
30	1.199	1.2	1.201	0.00094281	1.198	1.1994	1.2	0.00069921	-0.002	-0.0006	0	0.00069921
50	1.199	1.1999	1.201	0.00073786	1.198	1.1994	1.201	0.00084327	-0.001	-0.0005	0.001	0.00070711
100	1.199	1.1998	1.201	0.00063246	1.197	1.1982	1.199	0.00063246	-0.002	-0.0016	-0.001	0.0005164

Device Test: 6.130; VOL_PWRGD_10MA

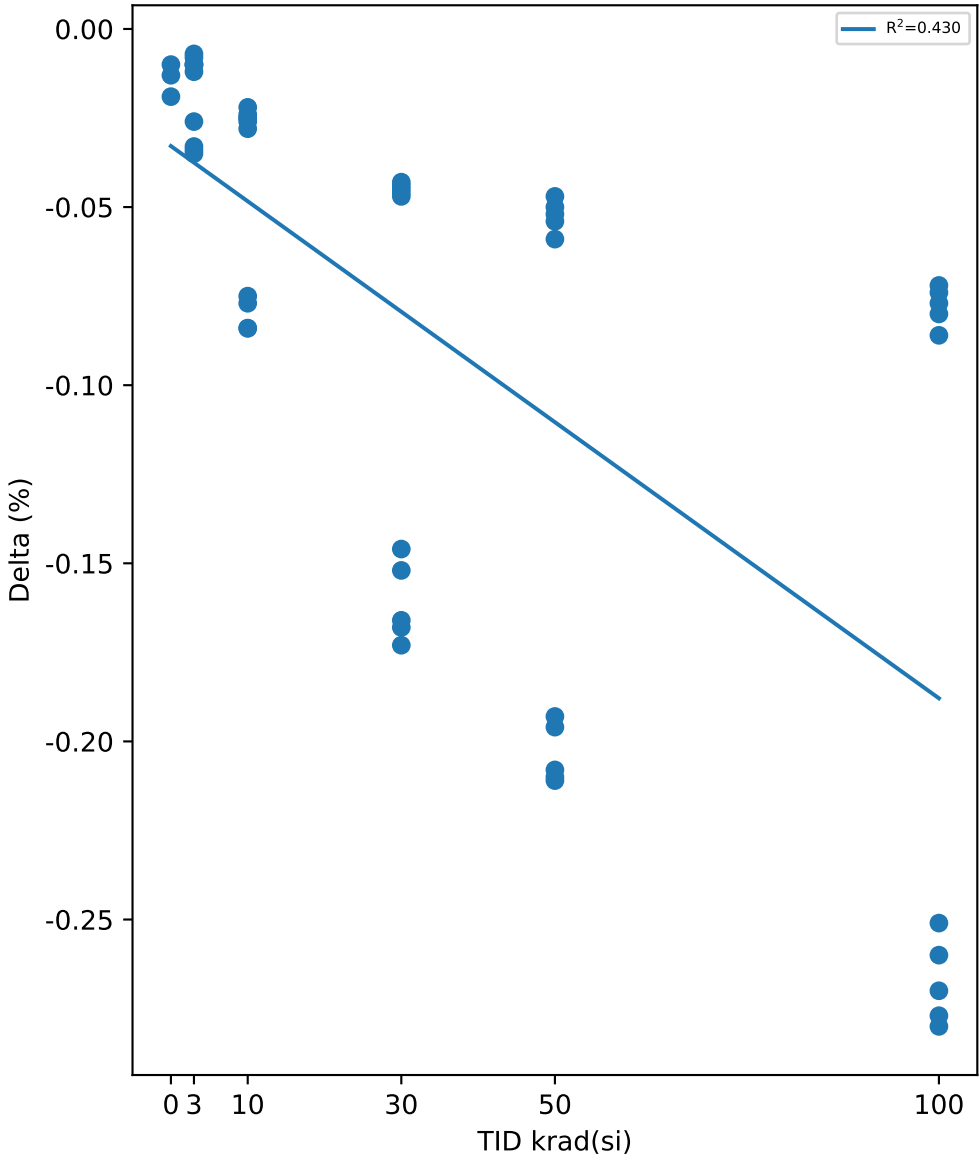
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.275	2.256	-0.019
301	0	Correlation	2.247	2.234	-0.013
302	0	Correlation	2.266	2.256	-0.01
303	3	Bias	2.284	2.251	-0.033
304	3	Bias	2.29	2.256	-0.034
305	3	Bias	2.287	2.252	-0.035
306	3	Bias	2.273	2.247	-0.026
307	3	Bias	2.29	2.278	-0.012
308	3	Unbiased	2.287	2.279	-0.008
309	3	Unbiased	2.264	2.254	-0.01
310	3	Unbiased	2.275	2.268	-0.007
311	3	Unbiased	2.244	2.234	-0.01
312	3	Unbiased	2.237	2.227	-0.01
313	10	Bias	2.291	2.216	-0.075
314	10	Bias	2.277	2.2	-0.077
315	10	Bias	2.286	2.202	-0.084
316	10	Bias	2.261	2.237	-0.024
317	10	Bias	2.291	2.207	-0.084
318	10	Unbiased	2.239	2.217	-0.022
319	10	Unbiased	2.307	2.282	-0.025
320	10	Unbiased	2.266	2.238	-0.028
321	10	Unbiased	2.267	2.241	-0.026
322	10	Unbiased	2.285	2.26	-0.025
323	30	Bias	2.327	2.175	-0.152
324	30	Bias	2.281	2.135	-0.146
325	30	Bias	2.274	2.106	-0.168
326	30	Bias	2.255	2.089	-0.166
327	30	Bias	2.34	2.167	-0.173
328	30	Unbiased	2.267	2.223	-0.044
329	30	Unbiased	2.291	2.248	-0.043
330	30	Unbiased	2.264	2.218	-0.046
331	30	Unbiased	2.277	2.23	-0.047
332	30	Unbiased	2.298	2.253	-0.045
333	50	Bias	2.232	2.039	-0.193
334	50	Bias	2.266	2.07	-0.196
335	50	Bias	2.277	2.067	-0.21
336	50	Bias	2.284	2.076	-0.208
337	50	Bias	2.278	2.067	-0.211
338	50	Unbiased	2.272	2.213	-0.059
339	50	Unbiased	2.253	2.206	-0.047
340	50	Unbiased	2.273	2.219	-0.054
341	50	Unbiased	2.283	2.231	-0.052
342	50	Unbiased	2.25	2.2	-0.05
343	100	Bias	2.229	1.978	-0.251
344	100	Bias	2.269	2.009	-0.26
345	100	Bias	2.272	2.002	-0.27
346	100	Bias	2.302	2.022	-0.28
347	100	Bias	2.278	2.001	-0.277
348	100	Unbiased	2.247	2.175	-0.072
349	100	Unbiased	2.308	2.234	-0.074
350	100	Unbiased	2.273	2.187	-0.086
351	100	Unbiased	2.275	2.195	-0.08
352	100	Unbiased	2.226	2.149	-0.077

TID vs Post - Pre Exposure Delta

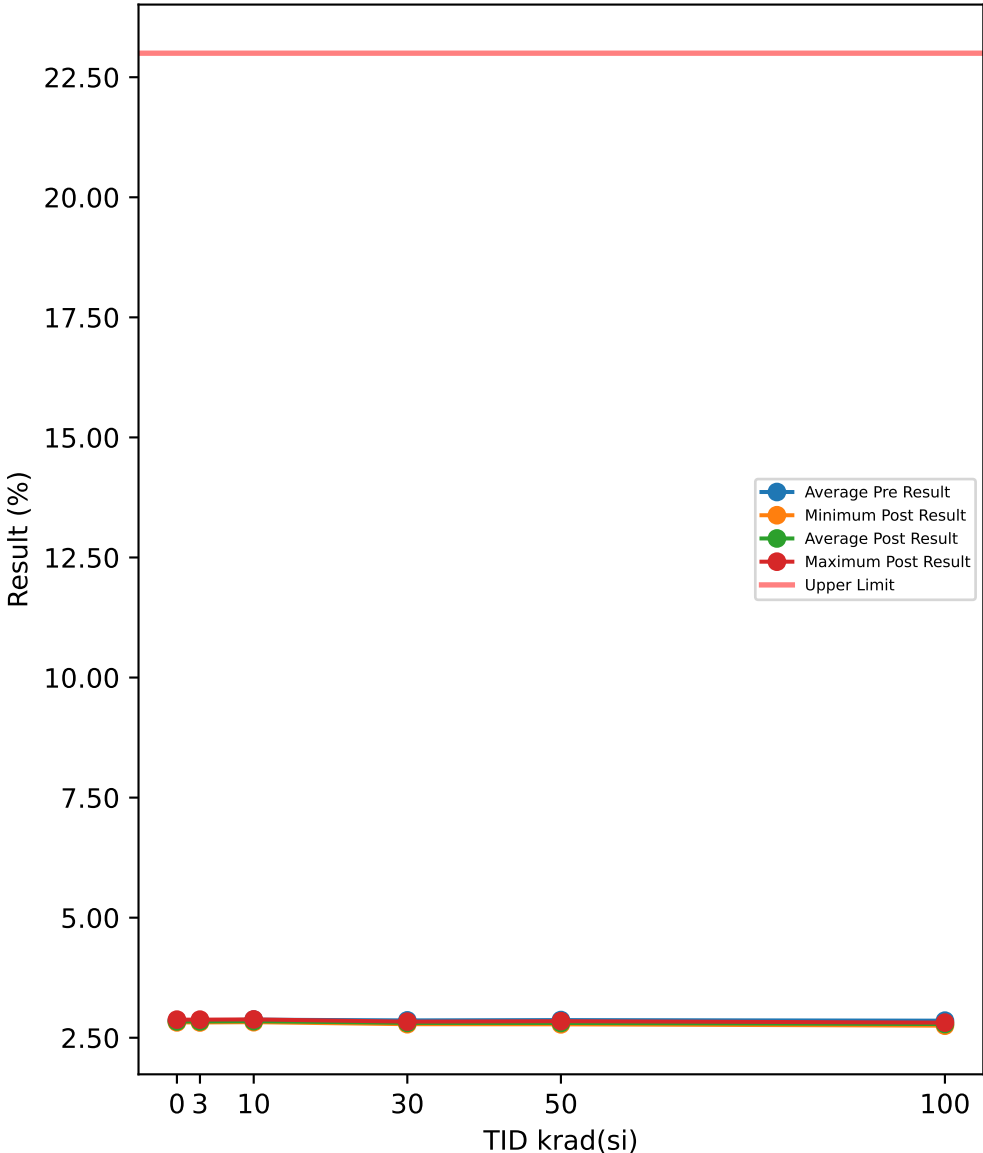


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.247	2.2627	2.275	0.014295	2.234	2.2487	2.256	0.012702	-0.019	-0.014	-0.01	0.0045826
3	2.237	2.2731	2.29	0.019186	2.227	2.2546	2.279	0.016959	-0.035	-0.0185	-0.007	0.011928
10	2.239	2.277	2.307	0.019316	2.2	2.23	2.282	0.0267	-0.084	-0.047	-0.022	0.02857
30	2.255	2.2874	2.34	0.027492	2.089	2.1844	2.253	0.059187	-0.173	-0.103	-0.043	0.061621
50	2.232	2.2668	2.284	0.016792	2.039	2.1388	2.231	0.080033	-0.211	-0.128	-0.047	0.079944
100	2.226	2.2679	2.308	0.027229	1.978	2.0952	2.234	0.10055	-0.28	-0.1727	-0.072	0.10042

Device Test: 6.131; VOL_RESET_10MA

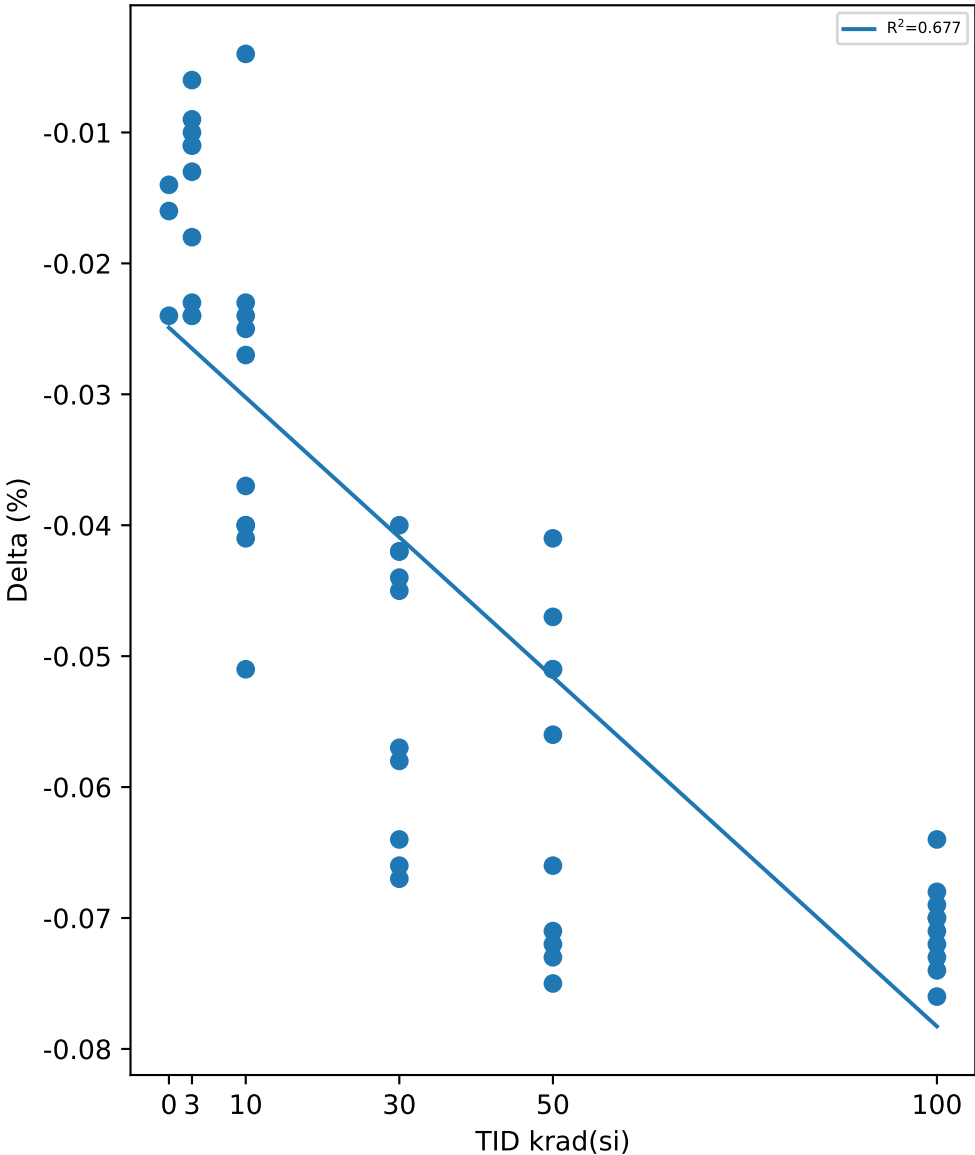
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.844	2.82	-0.024
301	0	Correlation	2.838	2.822	-0.016
302	0	Correlation	2.891	2.877	-0.014
303	3	Bias	2.849	2.825	-0.024
304	3	Bias	2.901	2.877	-0.024
305	3	Bias	2.857	2.834	-0.023
306	3	Bias	2.861	2.843	-0.018
307	3	Bias	2.848	2.835	-0.013
308	3	Unbiased	2.848	2.838	-0.01
309	3	Unbiased	2.878	2.867	-0.011
310	3	Unbiased	2.845	2.839	-0.006
311	3	Unbiased	2.827	2.818	-0.009
312	3	Unbiased	2.832	2.821	-0.011
313	10	Bias	2.874	2.837	-0.037
314	10	Bias	2.888	2.848	-0.04
315	10	Bias	2.867	2.827	-0.04
316	10	Bias	2.875	2.85	-0.025
317	10	Bias	2.871	2.83	-0.041
318	10	Unbiased	2.862	2.839	-0.023
319	10	Unbiased	2.848	2.824	-0.024
320	10	Unbiased	2.898	2.847	-0.051
321	10	Unbiased	2.876	2.872	-0.004
322	10	Unbiased	2.909	2.882	-0.027
323	30	Bias	2.858	2.8	-0.058
324	30	Bias	2.852	2.795	-0.057
325	30	Bias	2.891	2.824	-0.067
326	30	Bias	2.848	2.782	-0.066
327	30	Bias	2.877	2.813	-0.064
328	30	Unbiased	2.836	2.796	-0.04
329	30	Unbiased	2.877	2.835	-0.042
330	30	Unbiased	2.851	2.807	-0.044
331	30	Unbiased	2.867	2.822	-0.045
332	30	Unbiased	2.857	2.815	-0.042
333	50	Bias	2.854	2.788	-0.066
334	50	Bias	2.883	2.812	-0.071
335	50	Bias	2.856	2.784	-0.072
336	50	Bias	2.87	2.797	-0.073
337	50	Bias	2.908	2.833	-0.075
338	50	Unbiased	2.857	2.801	-0.056
339	50	Unbiased	2.82	2.779	-0.041
340	50	Unbiased	2.863	2.812	-0.051
341	50	Unbiased	2.873	2.826	-0.047
342	50	Unbiased	2.896	2.845	-0.051
343	100	Bias	2.844	2.774	-0.07
344	100	Bias	2.861	2.788	-0.073
345	100	Bias	2.851	2.777	-0.074
346	100	Bias	2.878	2.806	-0.072
347	100	Bias	2.864	2.795	-0.069
348	100	Unbiased	2.885	2.815	-0.07
349	100	Unbiased	2.86	2.796	-0.064
350	100	Unbiased	2.827	2.751	-0.076
351	100	Unbiased	2.86	2.789	-0.071
352	100	Unbiased	2.828	2.76	-0.068

TID vs Post - Pre Exposure Delta

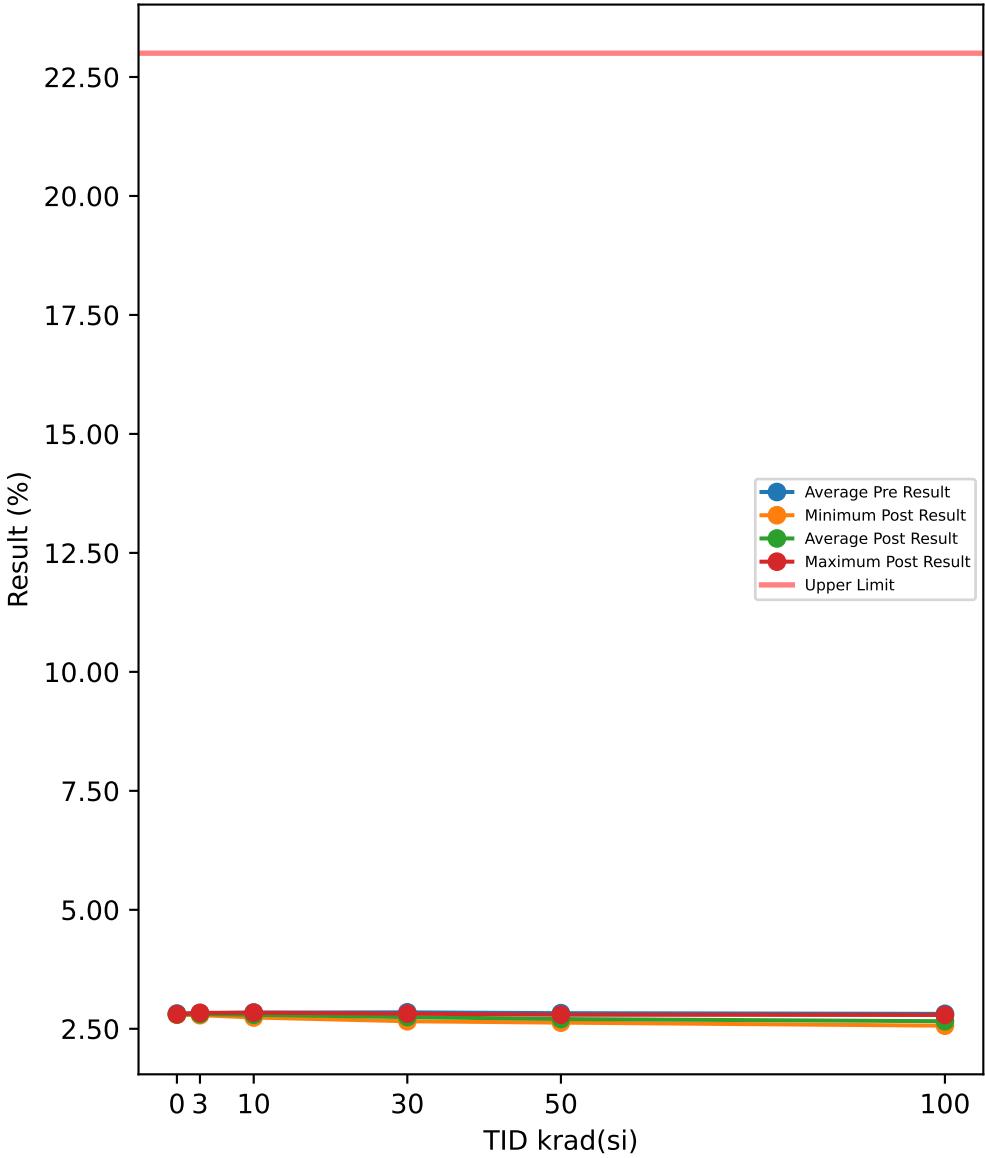


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.838	2.8577	2.891	0.029023	2.82	2.8397	2.877	0.032347	-0.024	-0.018	-0.014	0.0052915
3	2.827	2.8546	2.901	0.021681	2.818	2.8397	2.877	0.01898	-0.024	-0.0149	-0.006	0.0067733
10	2.848	2.8768	2.909	0.017643	2.824	2.8456	2.882	0.018922	-0.051	-0.0312	-0.004	0.013298
30	2.836	2.8614	2.891	0.016487	2.782	2.8089	2.835	0.015989	-0.067	-0.0525	-0.04	0.010957
50	2.82	2.868	2.908	0.024558	2.779	2.8077	2.845	0.02195	-0.075	-0.0603	-0.041	0.012482
100	2.827	2.8558	2.885	0.018972	2.751	2.7851	2.815	0.019869	-0.076	-0.0707	-0.064	0.0033682

Device Test: 6.132; VOL_RESET_10MA

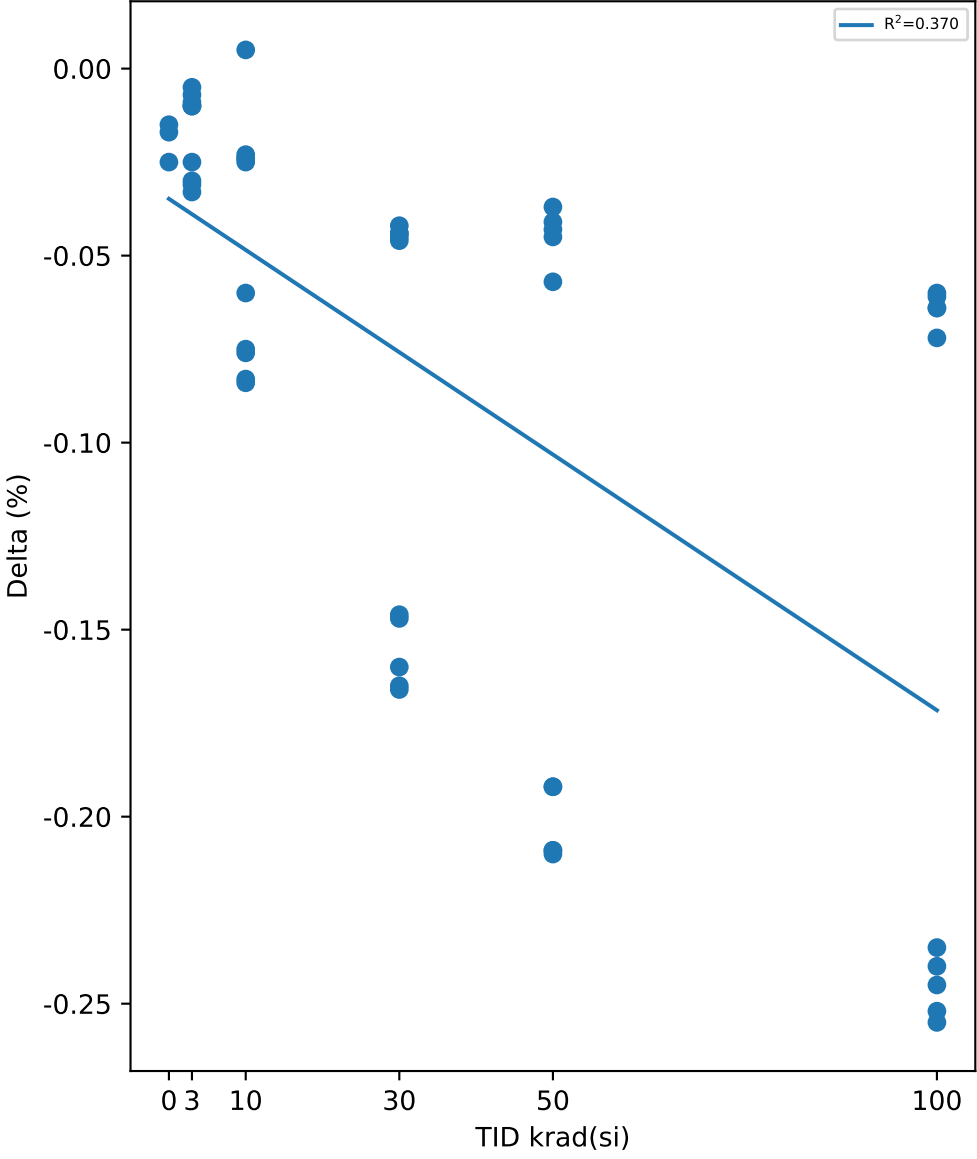
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.829	2.804	-0.025
301	0	Correlation	2.812	2.795	-0.017
302	0	Correlation	2.821	2.806	-0.015
303	3	Bias	2.832	2.802	-0.03
304	3	Bias	2.833	2.802	-0.031
305	3	Bias	2.852	2.819	-0.033
306	3	Bias	2.833	2.808	-0.025
307	3	Bias	2.83	2.821	-0.009
308	3	Unbiased	2.837	2.832	-0.005
309	3	Unbiased	2.805	2.795	-0.01
310	3	Unbiased	2.842	2.835	-0.007
311	3	Unbiased	2.813	2.803	-0.01
312	3	Unbiased	2.796	2.786	-0.01
313	10	Bias	2.856	2.781	-0.075
314	10	Bias	2.813	2.737	-0.076
315	10	Bias	2.858	2.775	-0.083
316	10	Bias	2.835	2.811	-0.024
317	10	Bias	2.866	2.782	-0.084
318	10	Unbiased	2.799	2.776	-0.023
319	10	Unbiased	2.85	2.826	-0.024
320	10	Unbiased	2.833	2.838	0.005
321	10	Unbiased	2.868	2.808	-0.06
322	10	Unbiased	2.831	2.806	-0.025
323	30	Bias	2.854	2.707	-0.147
324	30	Bias	2.851	2.705	-0.146
325	30	Bias	2.824	2.658	-0.166
326	30	Bias	2.833	2.668	-0.165
327	30	Bias	2.875	2.715	-0.16
328	30	Unbiased	2.833	2.789	-0.044
329	30	Unbiased	2.859	2.817	-0.042
330	30	Unbiased	2.824	2.779	-0.045
331	30	Unbiased	2.843	2.797	-0.046
332	30	Unbiased	2.861	2.817	-0.044
333	50	Bias	2.848	2.656	-0.192
334	50	Bias	2.821	2.629	-0.192
335	50	Bias	2.842	2.633	-0.209
336	50	Bias	2.847	2.637	-0.21
337	50	Bias	2.854	2.645	-0.209
338	50	Unbiased	2.833	2.776	-0.057
339	50	Unbiased	2.788	2.751	-0.037
340	50	Unbiased	2.81	2.765	-0.045
341	50	Unbiased	2.836	2.795	-0.041
342	50	Unbiased	2.804	2.761	-0.043
343	100	Bias	2.8	2.565	-0.235
344	100	Bias	2.821	2.581	-0.24
345	100	Bias	2.821	2.569	-0.252
346	100	Bias	2.835	2.58	-0.255
347	100	Bias	2.831	2.586	-0.245
348	100	Unbiased	2.796	2.736	-0.06
349	100	Unbiased	2.851	2.79	-0.061
350	100	Unbiased	2.803	2.731	-0.072
351	100	Unbiased	2.786	2.722	-0.064
352	100	Unbiased	2.795	2.731	-0.064

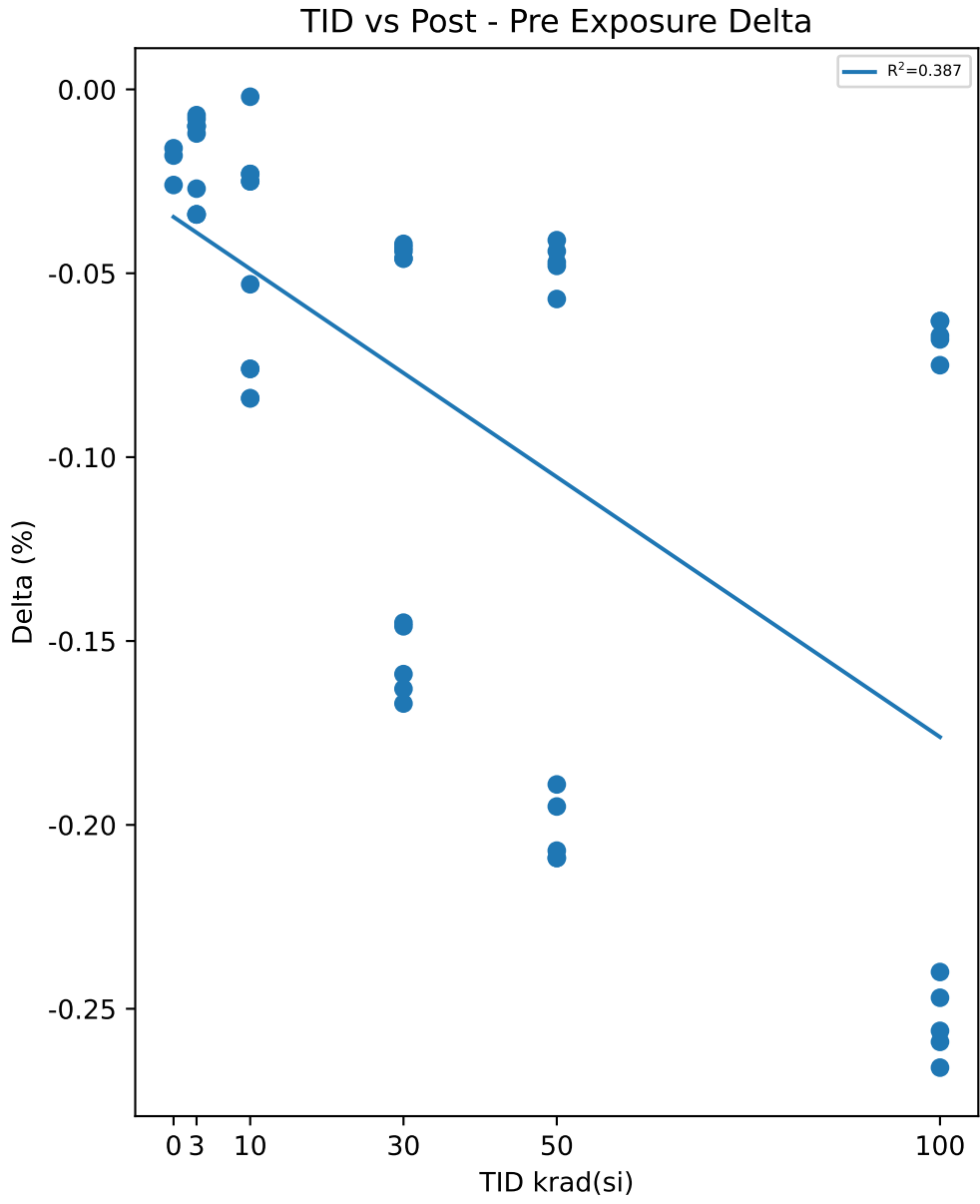
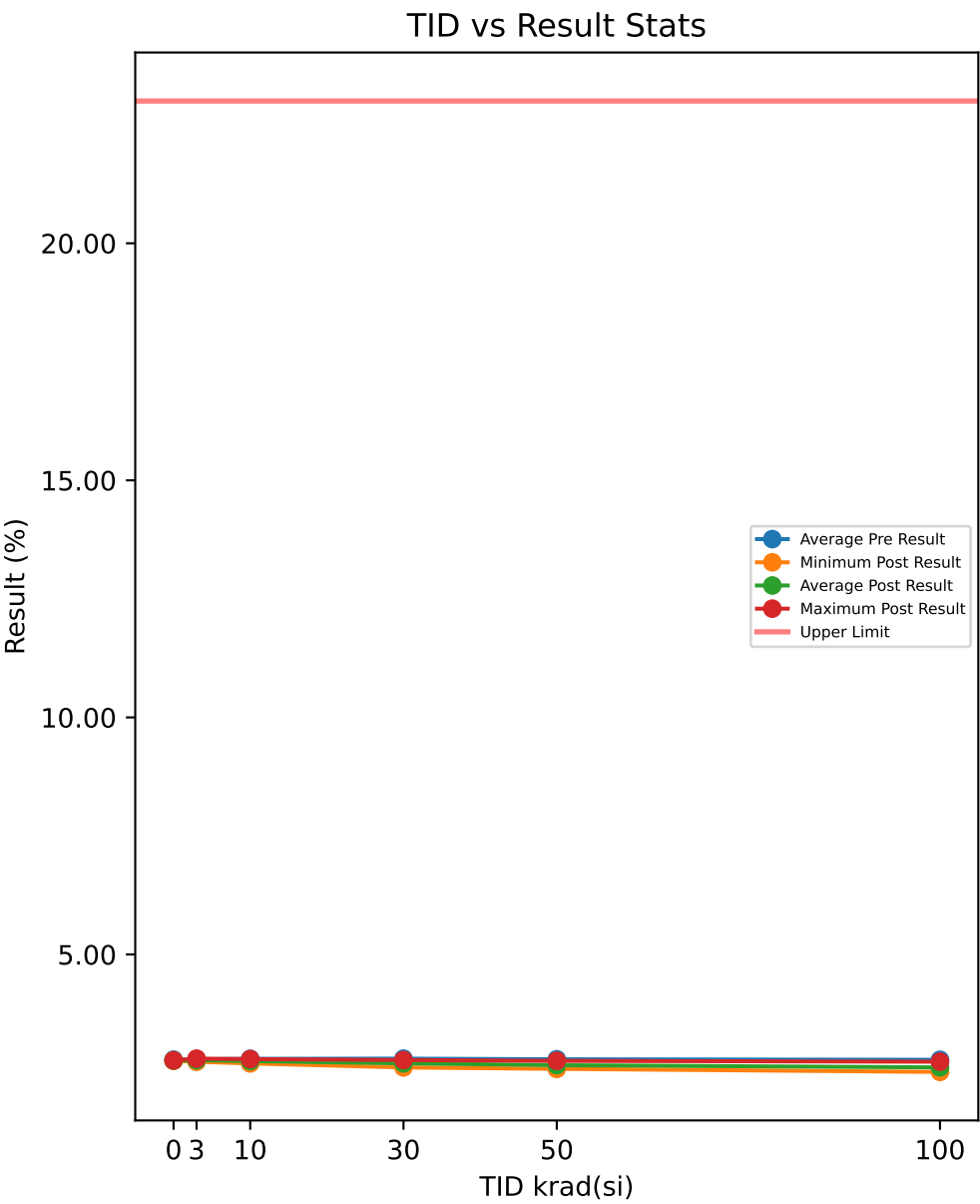
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.812	2.8207	2.829	0.0085049	2.795	2.8017	2.806	0.0058595	-0.025	-0.019	-0.015	0.0052915
3	2.796	2.8273	2.852	0.017308	2.786	2.8103	2.835	0.015959	-0.033	-0.017	-0.005	0.011255
10	2.799	2.8409	2.868	0.022845	2.737	2.794	2.838	0.029507	-0.084	-0.0469	0.005	0.032112
30	2.824	2.8457	2.875	0.017121	2.658	2.7452	2.817	0.061106	-0.166	-0.1005	-0.042	0.059703
50	2.788	2.8283	2.854	0.021782	2.629	2.7048	2.795	0.069584	-0.21	-0.1235	-0.037	0.08356
100	2.786	2.8139	2.851	0.021037	2.565	2.6591	2.79	0.089453	-0.255	-0.1548	-0.06	0.095711

Device Test: 6.133; VOL_RESET_10MA

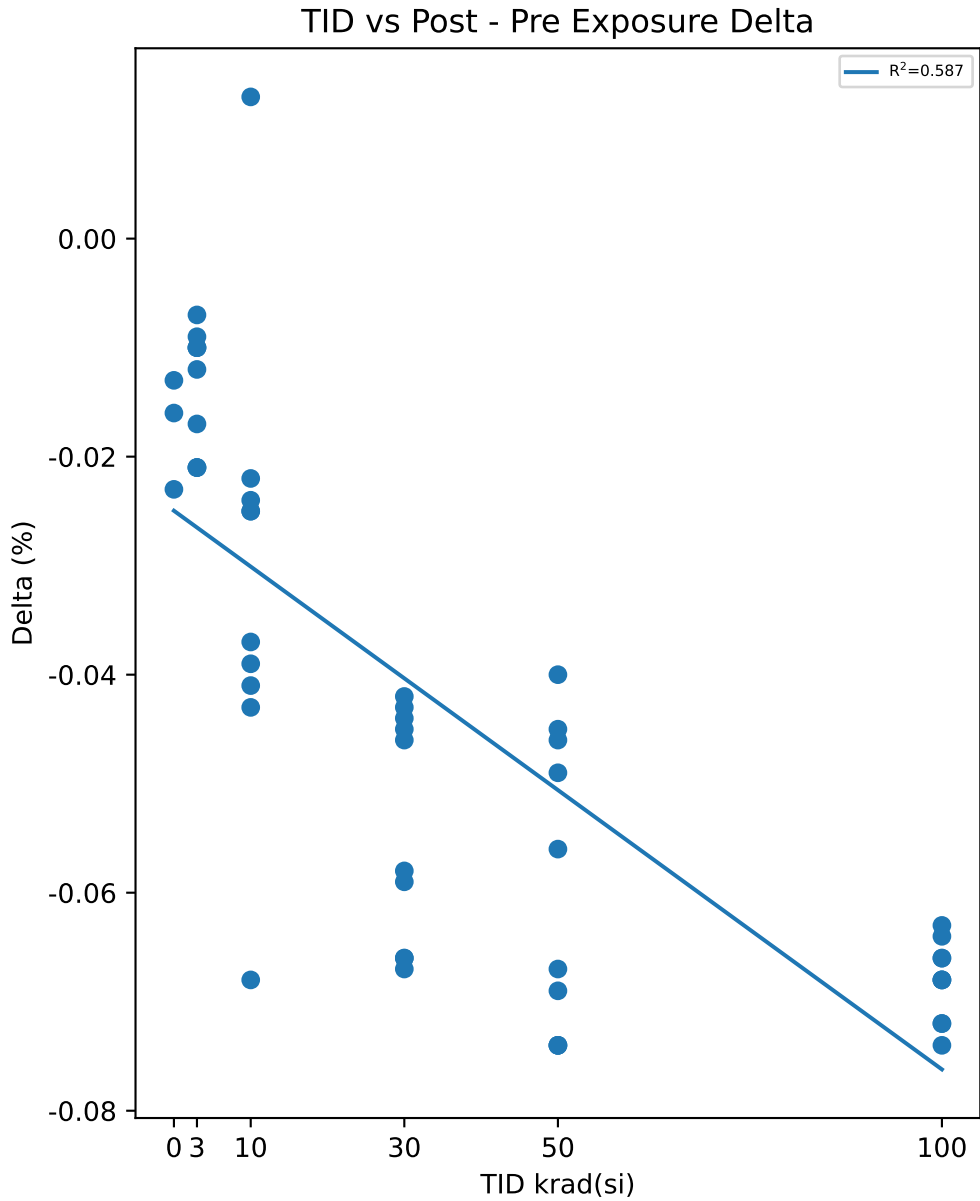
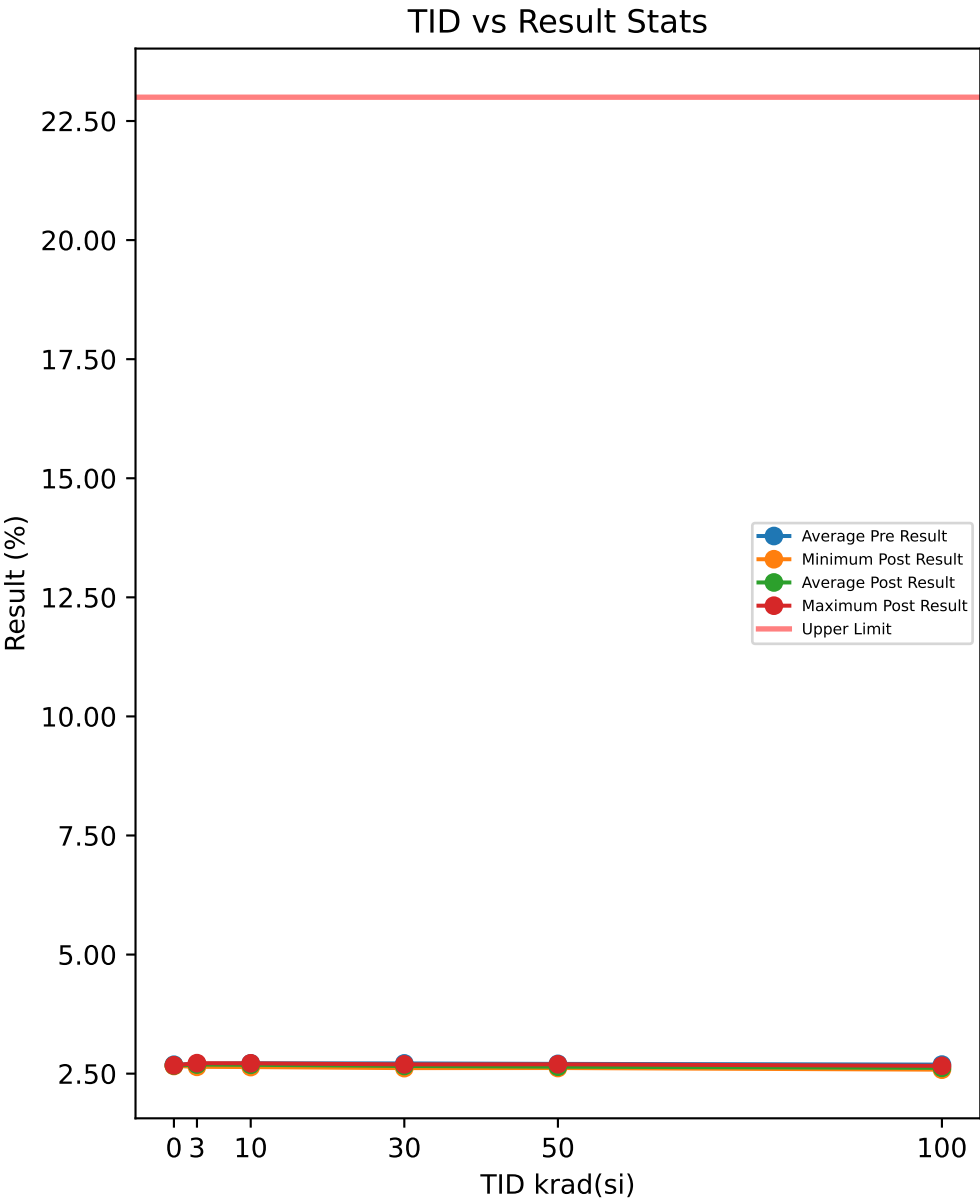


Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.793	2.767	-0.026
301	0	Correlation	2.774	2.756	-0.018
302	0	Correlation	2.778	2.762	-0.016
303	3	Bias	2.791	2.757	-0.034
304	3	Bias	2.814	2.78	-0.034
305	3	Bias	2.799	2.765	-0.034
306	3	Bias	2.803	2.776	-0.027
307	3	Bias	2.788	2.776	-0.012
308	3	Unbiased	2.811	2.803	-0.008
309	3	Unbiased	2.772	2.762	-0.01
310	3	Unbiased	2.799	2.792	-0.007
311	3	Unbiased	2.767	2.757	-0.01
312	3	Unbiased	2.747	2.737	-0.01
313	10	Bias	2.817	2.741	-0.076
314	10	Bias	2.778	2.702	-0.076
315	10	Bias	2.81	2.726	-0.084
316	10	Bias	2.795	2.77	-0.025
317	10	Bias	2.825	2.741	-0.084
318	10	Unbiased	2.752	2.729	-0.023
319	10	Unbiased	2.8	2.777	-0.023
320	10	Unbiased	2.795	2.793	-0.002
321	10	Unbiased	2.822	2.769	-0.053
322	10	Unbiased	2.796	2.771	-0.025
323	30	Bias	2.815	2.669	-0.146
324	30	Bias	2.802	2.657	-0.145
325	30	Bias	2.791	2.624	-0.167
326	30	Bias	2.78	2.617	-0.163
327	30	Bias	2.834	2.675	-0.159
328	30	Unbiased	2.78	2.737	-0.043
329	30	Unbiased	2.815	2.773	-0.042
330	30	Unbiased	2.779	2.733	-0.046
331	30	Unbiased	2.817	2.771	-0.046
332	30	Unbiased	2.814	2.77	-0.044
333	50	Bias	2.799	2.61	-0.189
334	50	Bias	2.782	2.587	-0.195
335	50	Bias	2.803	2.596	-0.207
336	50	Bias	2.817	2.608	-0.209
337	50	Bias	2.813	2.604	-0.209
338	50	Unbiased	2.789	2.732	-0.057
339	50	Unbiased	2.752	2.711	-0.041
340	50	Unbiased	2.768	2.72	-0.048
341	50	Unbiased	2.8	2.756	-0.044
342	50	Unbiased	2.769	2.722	-0.047
343	100	Bias	2.763	2.523	-0.24
344	100	Bias	2.793	2.546	-0.247
345	100	Bias	2.783	2.527	-0.256
346	100	Bias	2.82	2.554	-0.266
347	100	Bias	2.806	2.547	-0.259
348	100	Unbiased	2.758	2.695	-0.063
349	100	Unbiased	2.801	2.738	-0.063
350	100	Unbiased	2.758	2.683	-0.075
351	100	Unbiased	2.762	2.694	-0.068
352	100	Unbiased	2.739	2.672	-0.067

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.774	2.7817	2.793	0.010017	2.756	2.7617	2.767	0.0055076	-0.026	-0.02	-0.016	0.0052915
3	2.747	2.7891	2.814	0.021205	2.737	2.7705	2.803	0.019028	-0.034	-0.0186	-0.007	0.011993
10	2.752	2.799	2.825	0.021965	2.702	2.7519	2.793	0.028337	-0.084	-0.0471	-0.002	0.030914
30	2.779	2.8027	2.834	0.019276	2.617	2.7026	2.773	0.061247	-0.167	-0.1001	-0.042	0.059312
50	2.752	2.7892	2.817	0.021175	2.587	2.6646	2.756	0.068312	-0.209	-0.1246	-0.041	0.081707
100	2.739	2.7783	2.82	0.026094	2.523	2.6179	2.738	0.084901	-0.266	-0.1604	-0.063	0.098532

Device Test: 6.134; VOL_RESET_10MA

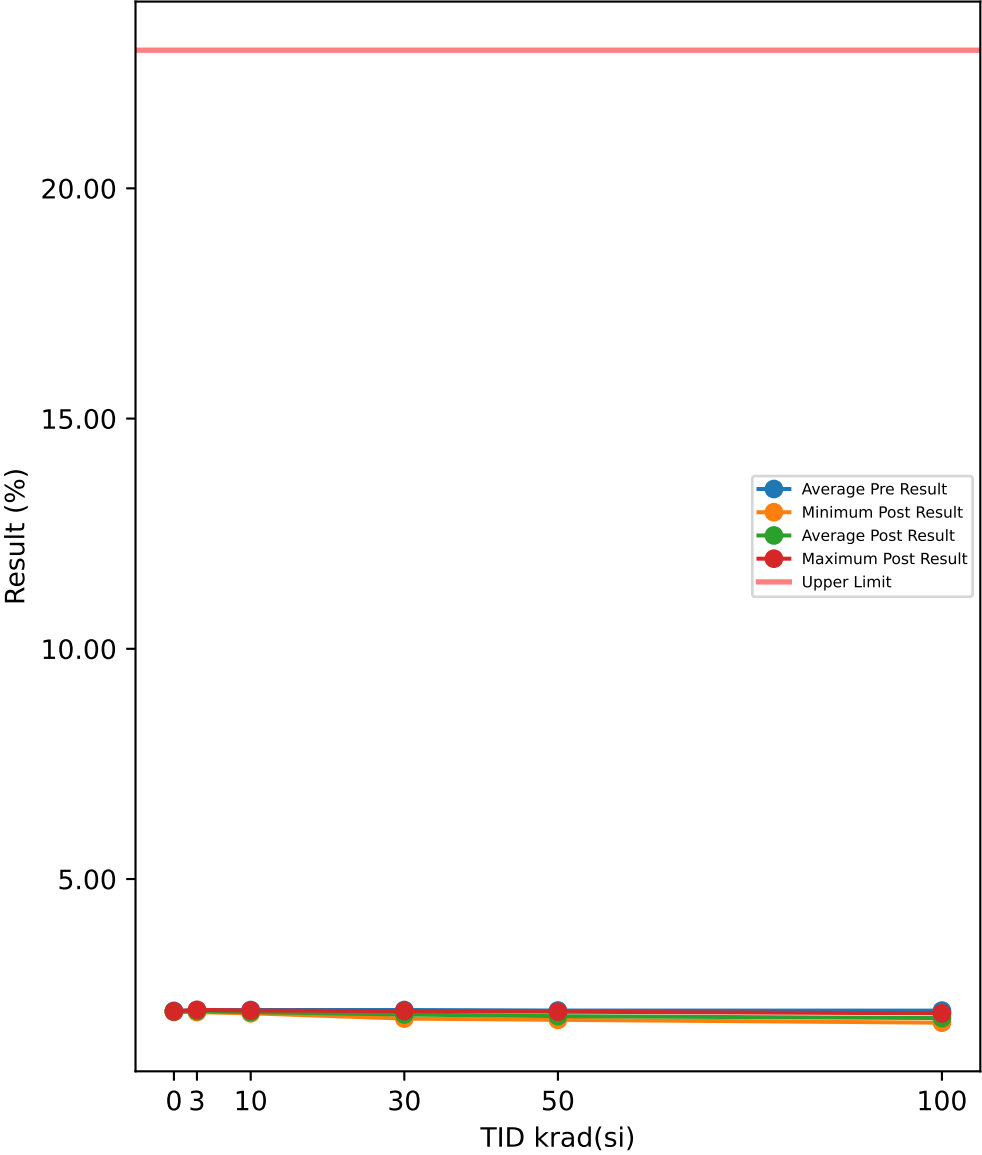


Test Results (Upper Limit = 23.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.697	2.674	-0.023
301	0	Correlation	2.677	2.661	-0.016
302	0	Correlation	2.688	2.675	-0.013
303	3	Bias	2.703	2.682	-0.021
304	3	Bias	2.741	2.72	-0.021
305	3	Bias	2.726	2.705	-0.021
306	3	Bias	2.714	2.697	-0.017
307	3	Bias	2.71	2.698	-0.012
308	3	Unbiased	2.722	2.713	-0.009
309	3	Unbiased	2.684	2.674	-0.01
310	3	Unbiased	2.717	2.71	-0.007
311	3	Unbiased	2.673	2.663	-0.01
312	3	Unbiased	2.653	2.643	-0.01
313	10	Bias	2.733	2.696	-0.037
314	10	Bias	2.692	2.653	-0.039
315	10	Bias	2.735	2.694	-0.041
316	10	Bias	2.703	2.678	-0.025
317	10	Bias	2.75	2.707	-0.043
318	10	Unbiased	2.66	2.638	-0.022
319	10	Unbiased	2.719	2.695	-0.024
320	10	Unbiased	2.704	2.717	0.013
321	10	Unbiased	2.747	2.679	-0.068
322	10	Unbiased	2.724	2.699	-0.025
323	30	Bias	2.732	2.673	-0.059
324	30	Bias	2.714	2.656	-0.058
325	30	Bias	2.702	2.635	-0.067
326	30	Bias	2.682	2.616	-0.066
327	30	Bias	2.758	2.692	-0.066
328	30	Unbiased	2.685	2.643	-0.042
329	30	Unbiased	2.737	2.694	-0.043
330	30	Unbiased	2.685	2.64	-0.045
331	30	Unbiased	2.727	2.681	-0.046
332	30	Unbiased	2.726	2.682	-0.044
333	50	Bias	2.709	2.642	-0.067
334	50	Bias	2.695	2.626	-0.069
335	50	Bias	2.726	2.652	-0.074
336	50	Bias	2.731	2.657	-0.074
337	50	Bias	2.724	2.65	-0.074
338	50	Unbiased	2.698	2.642	-0.056
339	50	Unbiased	2.658	2.618	-0.04
340	50	Unbiased	2.693	2.644	-0.049
341	50	Unbiased	2.741	2.696	-0.045
342	50	Unbiased	2.676	2.63	-0.046
343	100	Bias	2.667	2.599	-0.068
344	100	Bias	2.711	2.639	-0.072
345	100	Bias	2.71	2.638	-0.072
346	100	Bias	2.716	2.648	-0.068
347	100	Bias	2.698	2.632	-0.066
348	100	Unbiased	2.675	2.612	-0.063
349	100	Unbiased	2.728	2.664	-0.064
350	100	Unbiased	2.67	2.596	-0.074
351	100	Unbiased	2.674	2.606	-0.068
352	100	Unbiased	2.649	2.583	-0.066

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.677	2.6873	2.697	0.010017	2.661	2.67	2.675	0.0078102	-0.023	-0.017333	-0.013	0.0051316
3	2.653	2.7043	2.741	0.026758	2.643	2.6905	2.72	0.024546	-0.021	-0.0138	-0.007	0.0055936
10	2.66	2.7167	2.75	0.027609	2.638	2.6856	2.717	0.024314	-0.068	-0.0311	0.013	0.020685
30	2.682	2.7148	2.758	0.025703	2.616	2.6612	2.694	0.026927	-0.067	-0.0536	-0.042	0.010575
50	2.658	2.7051	2.741	0.026104	2.618	2.6457	2.696	0.021469	-0.074	-0.0594	-0.04	0.013632
100	2.649	2.6898	2.728	0.026067	2.583	2.6217	2.664	0.026175	-0.074	-0.0681	-0.063	0.003604

Device Test: 6.135; VOL_WDO_10MA

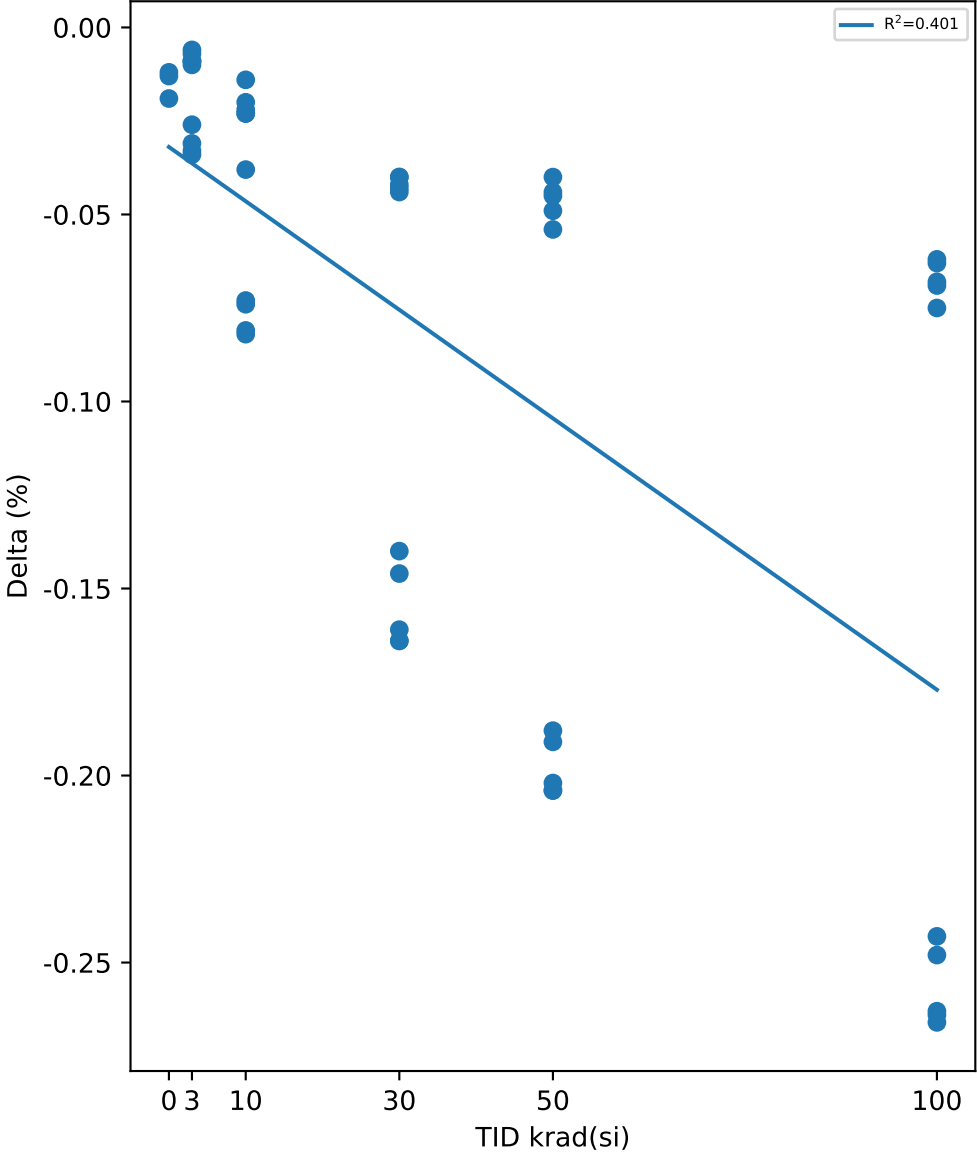
TID vs Result Stats



Test Results (Upper Limit = 23.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.145	2.126	-0.019
301	0	Correlation	2.126	2.113	-0.013
302	0	Correlation	2.138	2.126	-0.012
303	3	Bias	2.169	2.138	-0.031
304	3	Bias	2.173	2.14	-0.033
305	3	Bias	2.158	2.124	-0.034
306	3	Bias	2.135	2.109	-0.026
307	3	Bias	2.158	2.149	-0.009
308	3	Unbiased	2.166	2.159	-0.007
309	3	Unbiased	2.142	2.132	-0.01
310	3	Unbiased	2.157	2.151	-0.006
311	3	Unbiased	2.125	2.116	-0.009
312	3	Unbiased	2.121	2.112	-0.009
313	10	Bias	2.157	2.084	-0.073
314	10	Bias	2.166	2.092	-0.074
315	10	Bias	2.173	2.091	-0.082
316	10	Bias	2.138	2.115	-0.023
317	10	Bias	2.166	2.085	-0.081
318	10	Unbiased	2.136	2.116	-0.02
319	10	Unbiased	2.167	2.145	-0.022
320	10	Unbiased	2.138	2.124	-0.014
321	10	Unbiased	2.152	2.114	-0.038
322	10	Unbiased	2.163	2.14	-0.023
323	30	Bias	2.187	2.041	-0.146
324	30	Bias	2.146	2.006	-0.14
325	30	Bias	2.162	1.998	-0.164
326	30	Bias	2.13	1.969	-0.161
327	30	Bias	2.194	2.03	-0.164
328	30	Unbiased	2.135	2.095	-0.04
329	30	Unbiased	2.155	2.115	-0.04
330	30	Unbiased	2.135	2.091	-0.044
331	30	Unbiased	2.139	2.096	-0.043
332	30	Unbiased	2.173	2.131	-0.042
333	50	Bias	2.13	1.942	-0.188
334	50	Bias	2.145	1.954	-0.191
335	50	Bias	2.157	1.953	-0.204
336	50	Bias	2.149	1.947	-0.202
337	50	Bias	2.155	1.951	-0.204
338	50	Unbiased	2.138	2.084	-0.054
339	50	Unbiased	2.114	2.074	-0.04
340	50	Unbiased	2.152	2.103	-0.049
341	50	Unbiased	2.162	2.118	-0.044
342	50	Unbiased	2.139	2.094	-0.045
343	100	Bias	2.123	1.88	-0.243
344	100	Bias	2.143	1.895	-0.248
345	100	Bias	2.16	1.897	-0.263
346	100	Bias	2.173	1.907	-0.266
347	100	Bias	2.158	1.894	-0.264
348	100	Unbiased	2.127	2.064	-0.063
349	100	Unbiased	2.145	2.083	-0.062
350	100	Unbiased	2.137	2.062	-0.075
351	100	Unbiased	2.135	2.066	-0.069
352	100	Unbiased	2.119	2.051	-0.068

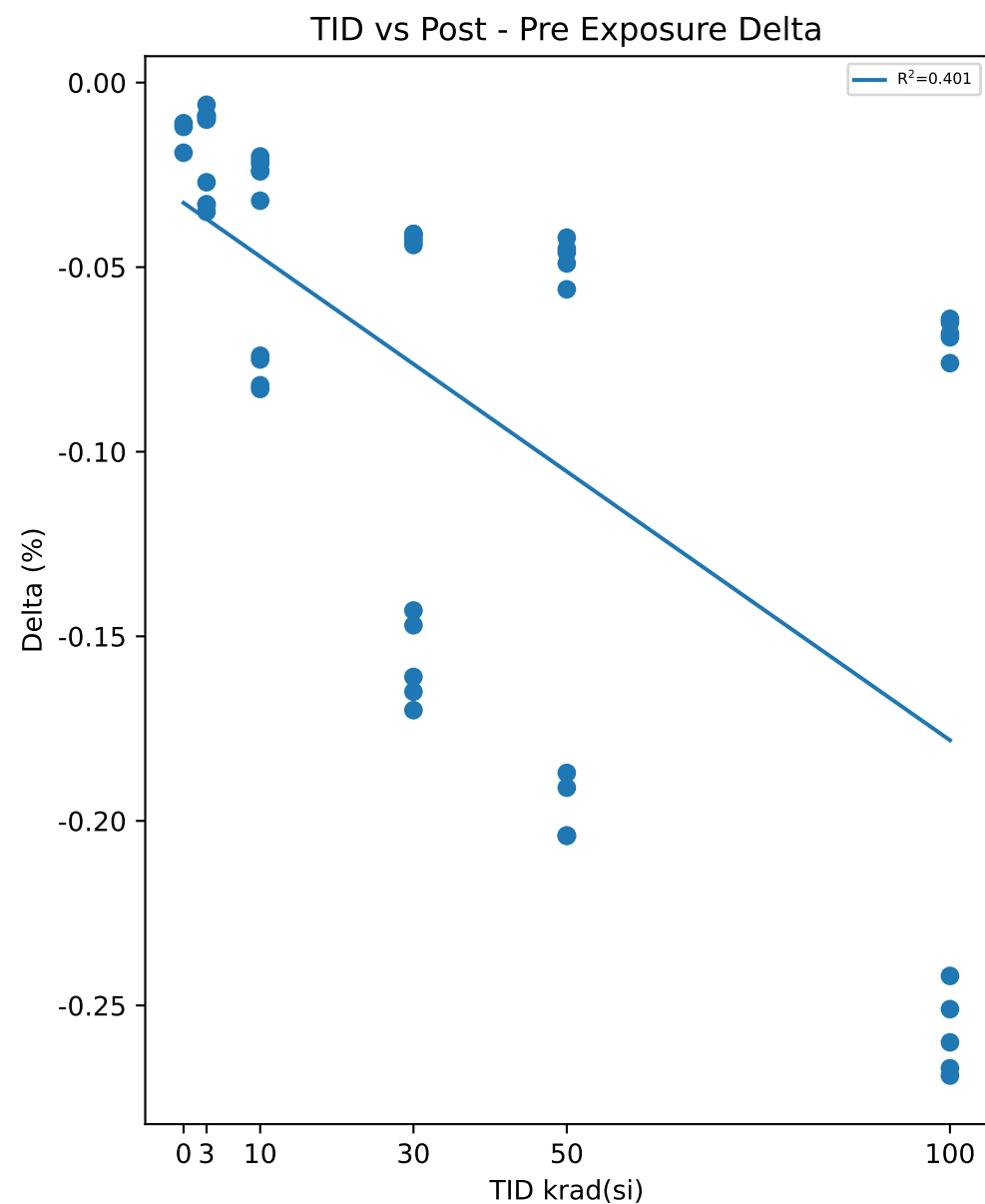
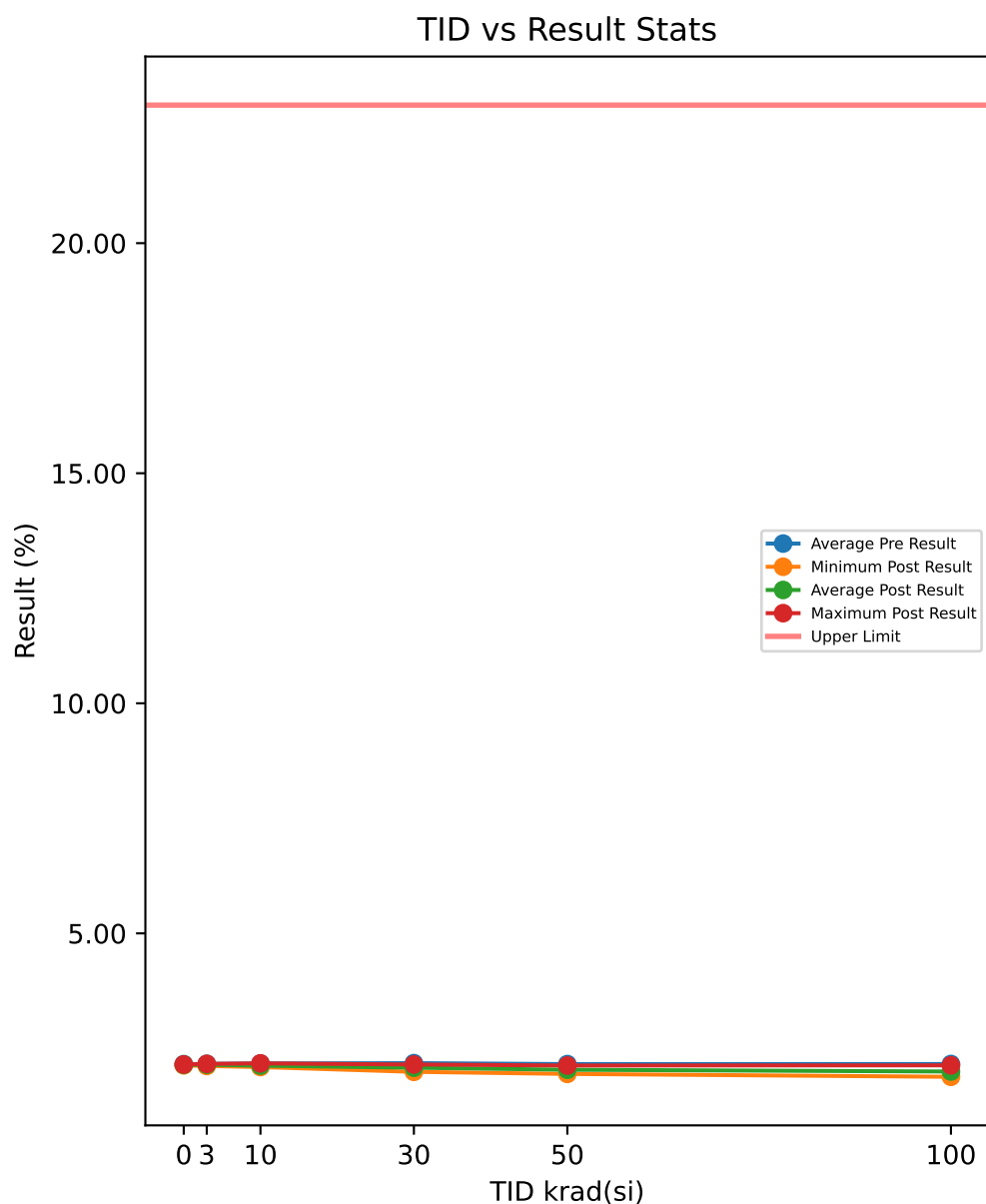
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.126	2.1363	2.145	0.009609	2.113	2.1217	2.126	0.0075056	-0.019	-0.014667	-0.012	0.0037859
3	2.121	2.1504	2.173	0.018488	2.109	2.133	2.159	0.017378	-0.034	-0.0174	-0.006	0.011937
10	2.136	2.1556	2.173	0.013834	2.084	2.1106	2.145	0.022062	-0.082	-0.045	-0.014	0.028717
30	2.13	2.1556	2.194	0.022795	1.969	2.0572	2.131	0.055549	-0.164	-0.0984	-0.04	0.060141
50	2.114	2.1441	2.162	0.014379	1.942	2.022	2.118	0.077431	-0.204	-0.1221	-0.04	0.080038
100	2.119	2.142	2.173	0.017448	1.88	1.9799	2.083	0.090471	-0.266	-0.1621	-0.062	0.10013

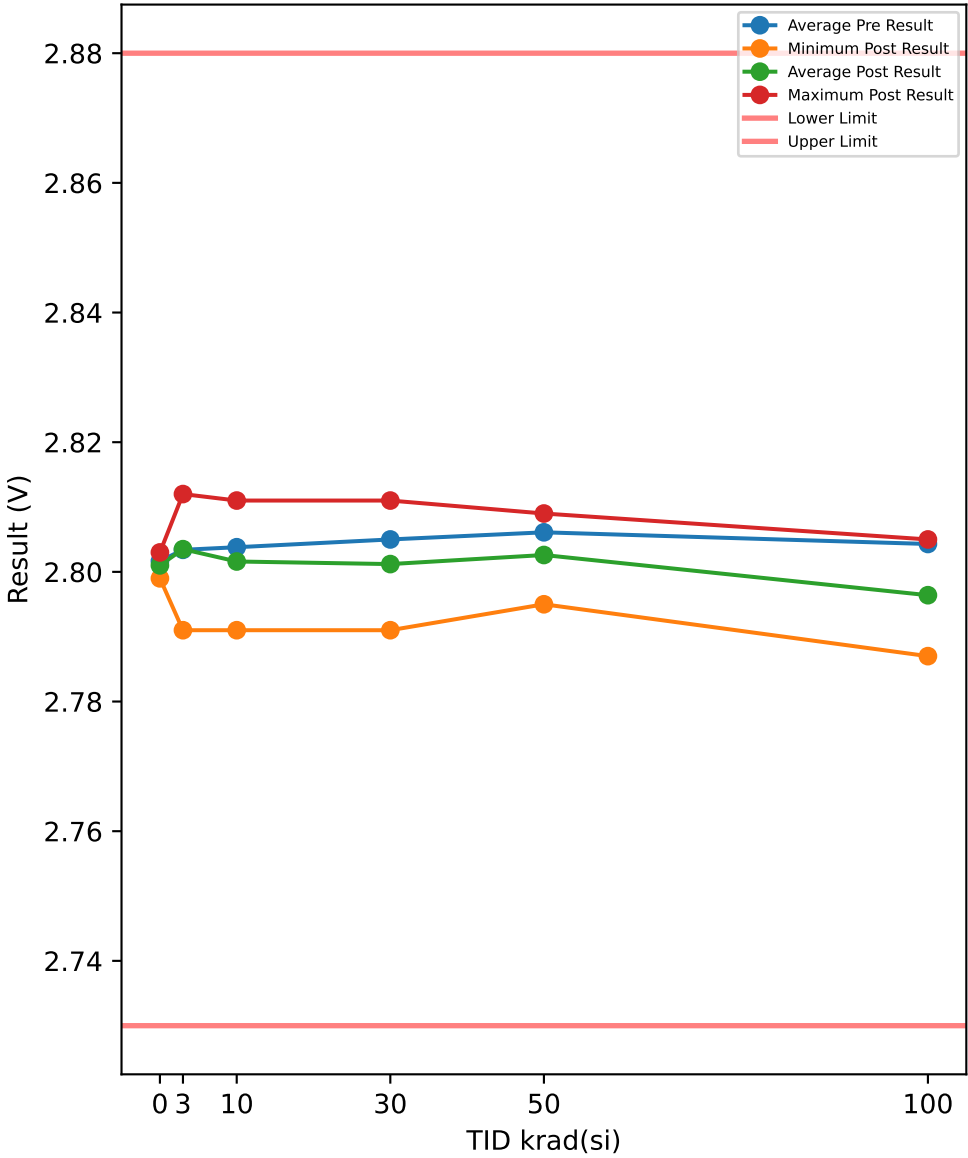
Device Test: 6.136; VOL_PWRGD_10MA



Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.169	2.15	-0.019
301	0	Correlation	2.144	2.132	-0.012
302	0	Correlation	2.162	2.151	-0.011
303	3	Bias	2.181	2.148	-0.033
304	3	Bias	2.178	2.145	-0.033
305	3	Bias	2.18	2.145	-0.035
306	3	Bias	2.168	2.141	-0.027
307	3	Bias	2.171	2.161	-0.01
308	3	Unbiased	2.173	2.164	-0.009
309	3	Unbiased	2.156	2.146	-0.01
310	3	Unbiased	2.163	2.157	-0.006
311	3	Unbiased	2.141	2.132	-0.009
312	3	Unbiased	2.127	2.118	-0.009
313	10	Bias	2.183	2.109	-0.074
314	10	Bias	2.17	2.095	-0.075
315	10	Bias	2.184	2.101	-0.083
316	10	Bias	2.157	2.133	-0.024
317	10	Bias	2.185	2.103	-0.082
318	10	Unbiased	2.132	2.111	-0.021
319	10	Unbiased	2.197	2.175	-0.022
320	10	Unbiased	2.164	2.144	-0.02
321	10	Unbiased	2.172	2.14	-0.032
322	10	Unbiased	2.176	2.152	-0.024
323	30	Bias	2.211	2.064	-0.147
324	30	Bias	2.173	2.03	-0.143
325	30	Bias	2.168	2.003	-0.165
326	30	Bias	2.152	1.991	-0.161
327	30	Bias	2.232	2.062	-0.17
328	30	Unbiased	2.161	2.12	-0.041
329	30	Unbiased	2.182	2.141	-0.041
330	30	Unbiased	2.161	2.117	-0.044
331	30	Unbiased	2.168	2.125	-0.043
332	30	Unbiased	2.192	2.15	-0.042
333	50	Bias	2.133	1.946	-0.187
334	50	Bias	2.163	1.972	-0.191
335	50	Bias	2.169	1.965	-0.204
336	50	Bias	2.174	1.97	-0.204
337	50	Bias	2.171	1.967	-0.204
338	50	Unbiased	2.162	2.106	-0.056
339	50	Unbiased	2.143	2.101	-0.042
340	50	Unbiased	2.159	2.11	-0.049
341	50	Unbiased	2.173	2.128	-0.045
342	50	Unbiased	2.144	2.098	-0.046
343	100	Bias	2.125	1.883	-0.242
344	100	Bias	2.164	1.913	-0.251
345	100	Bias	2.163	1.903	-0.26
346	100	Bias	2.194	1.925	-0.269
347	100	Bias	2.179	1.912	-0.267
348	100	Unbiased	2.139	2.075	-0.064
349	100	Unbiased	2.197	2.132	-0.065
350	100	Unbiased	2.164	2.088	-0.076
351	100	Unbiased	2.161	2.092	-0.069
352	100	Unbiased	2.123	2.055	-0.068

krad(s)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.144	2.1583	2.169	0.012897	2.132	2.1443	2.151	0.010693	-0.019	-0.014	-0.011	0.0043589
3	2.127	2.1638	2.181	0.017794	2.118	2.1457	2.164	0.013663	-0.035	-0.0181	-0.006	0.012179
10	2.132	2.172	2.197	0.01816	2.095	2.1263	2.175	0.026403	-0.083	-0.0457	-0.02	0.028539
30	2.152	2.18	2.232	0.025069	1.991	2.0803	2.15	0.058256	-0.17	-0.0997	-0.041	0.061114
50	2.133	2.1591	2.174	0.014325	1.946	2.0363	2.128	0.076929	-0.204	-0.1228	-0.042	0.079541
100	2.123	2.1609	2.197	0.025723	1.883	1.9978	2.132	0.097906	-0.269	-0.1631	-0.064	0.10016

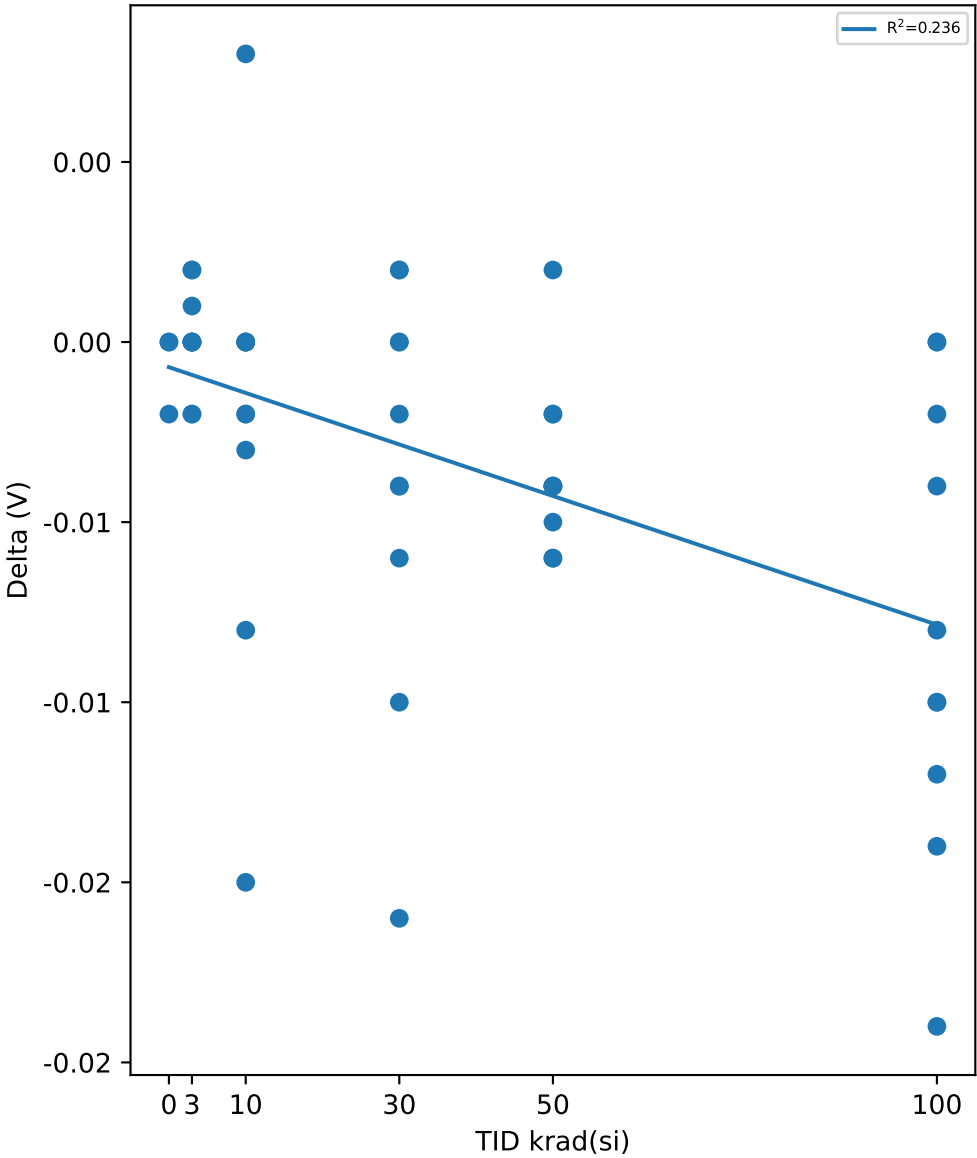
TID vs Result Stats



Test Results (Lower Limit = 2.73, Upper Limit = 2.88 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.801	2.801	0
301	0	Correlation	2.805	2.803	-0.002
302	0	Correlation	2.799	2.799	0
303	3	Bias	2.809	2.811	0.002
304	3	Bias	2.809	2.809	0
305	3	Bias	2.791	2.791	0
306	3	Bias	2.811	2.812	0.001
307	3	Bias	2.809	2.807	-0.002
308	3	Unbiased	2.805	2.803	-0.002
309	3	Unbiased	2.797	2.797	0
310	3	Unbiased	2.801	2.803	0.002
311	3	Unbiased	2.803	2.803	0
312	3	Unbiased	2.799	2.799	0
313	10	Bias	2.814	2.811	-0.003
314	10	Bias	2.797	2.795	-0.002
315	10	Bias	2.812	2.797	-0.015
316	10	Bias	2.807	2.799	-0.008
317	10	Bias	2.791	2.791	0
318	10	Unbiased	2.803	2.811	0.008
319	10	Unbiased	2.807	2.807	0
320	10	Unbiased	2.801	2.801	0
321	10	Unbiased	2.801	2.799	-0.002
322	10	Unbiased	2.805	2.805	0
323	30	Bias	2.801	2.791	-0.01
324	30	Bias	2.803	2.799	-0.004
325	30	Bias	2.799	2.795	-0.004
326	30	Bias	2.807	2.807	0
327	30	Bias	2.805	2.799	-0.006
328	30	Unbiased	2.809	2.811	0.002
329	30	Unbiased	2.805	2.805	0
330	30	Unbiased	2.807	2.805	-0.002
331	30	Unbiased	2.809	2.793	-0.016
332	30	Unbiased	2.805	2.807	0.002
333	50	Bias	2.809	2.803	-0.006
334	50	Bias	2.803	2.799	-0.004
335	50	Bias	2.799	2.795	-0.004
336	50	Bias	2.807	2.809	0.002
337	50	Bias	2.801	2.795	-0.006
338	50	Unbiased	2.807	2.805	-0.002
339	50	Unbiased	2.805	2.801	-0.004
340	50	Unbiased	2.809	2.807	-0.002
341	50	Unbiased	2.812	2.807	-0.005
342	50	Unbiased	2.809	2.805	-0.004
343	100	Bias	2.811	2.799	-0.012
344	100	Bias	2.797	2.787	-0.01
345	100	Bias	2.814	2.795	-0.019
346	100	Bias	2.799	2.789	-0.01
347	100	Bias	2.803	2.795	-0.008
348	100	Unbiased	2.809	2.795	-0.014
349	100	Unbiased	2.795	2.795	0
350	100	Unbiased	2.801	2.801	0
351	100	Unbiased	2.807	2.803	-0.004
352	100	Unbiased	2.807	2.805	-0.002

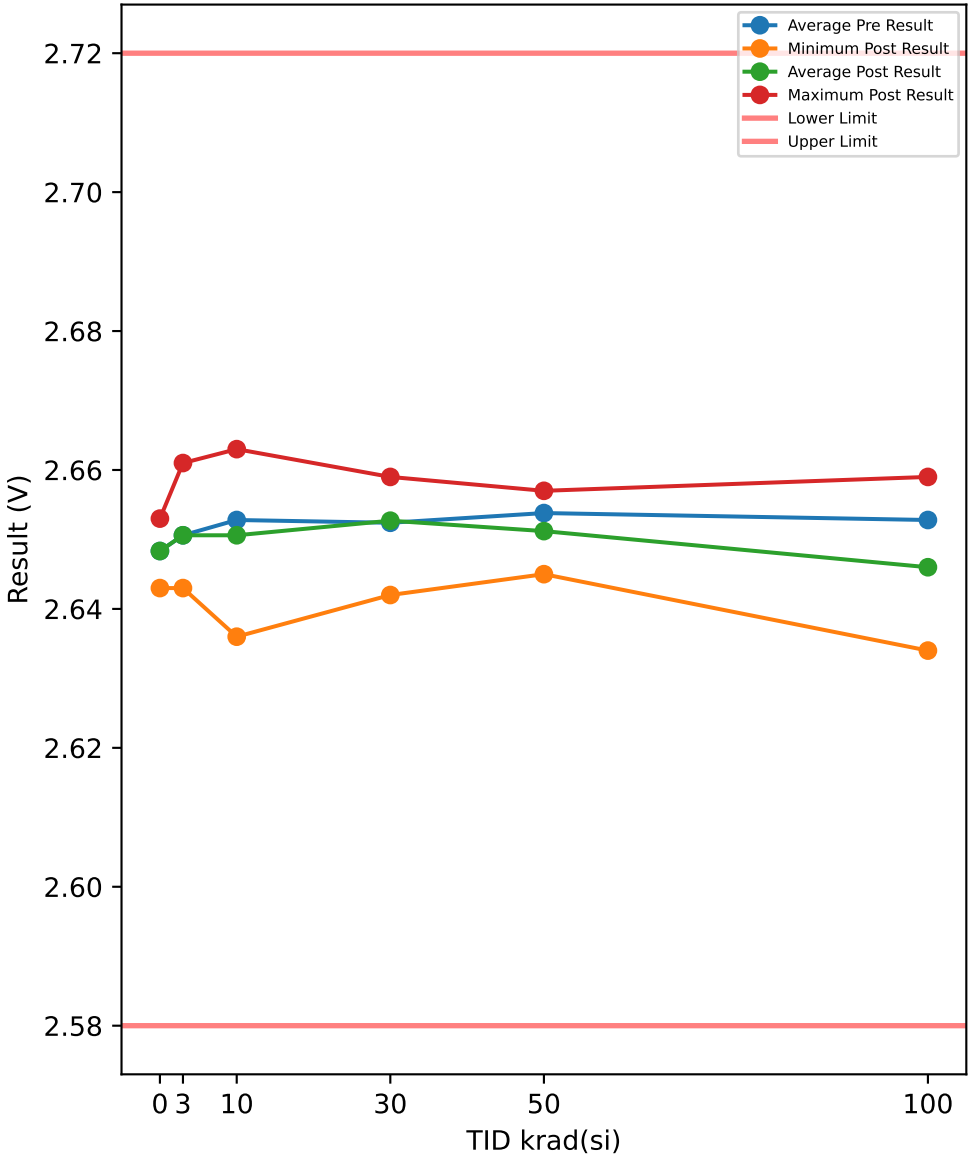
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.799	2.8017	2.805	0.0030551	2.799	2.801	2.803	0.002	-0.002	-0.00066667	0	0.0011547
3	2.791	2.8034	2.811	0.0064498	2.791	2.8035	2.812	0.006587	-0.002	0.0001	0.002	0.0013703
10	2.791	2.8038	2.814	0.006828	2.791	2.8016	2.811	0.0067363	-0.015	-0.0022	0.008	0.0059777
30	2.799	2.805	2.809	0.003266	2.791	2.8012	2.811	0.0067626	-0.016	-0.0038	0.002	0.0056921
50	2.799	2.8061	2.812	0.0040675	2.795	2.8026	2.809	0.004971	-0.006	-0.0035	0.002	0.0023688
100	2.795	2.8043	2.814	0.0062902	2.787	2.7964	2.805	0.0057388	-0.019	-0.0079	0	0.0063325

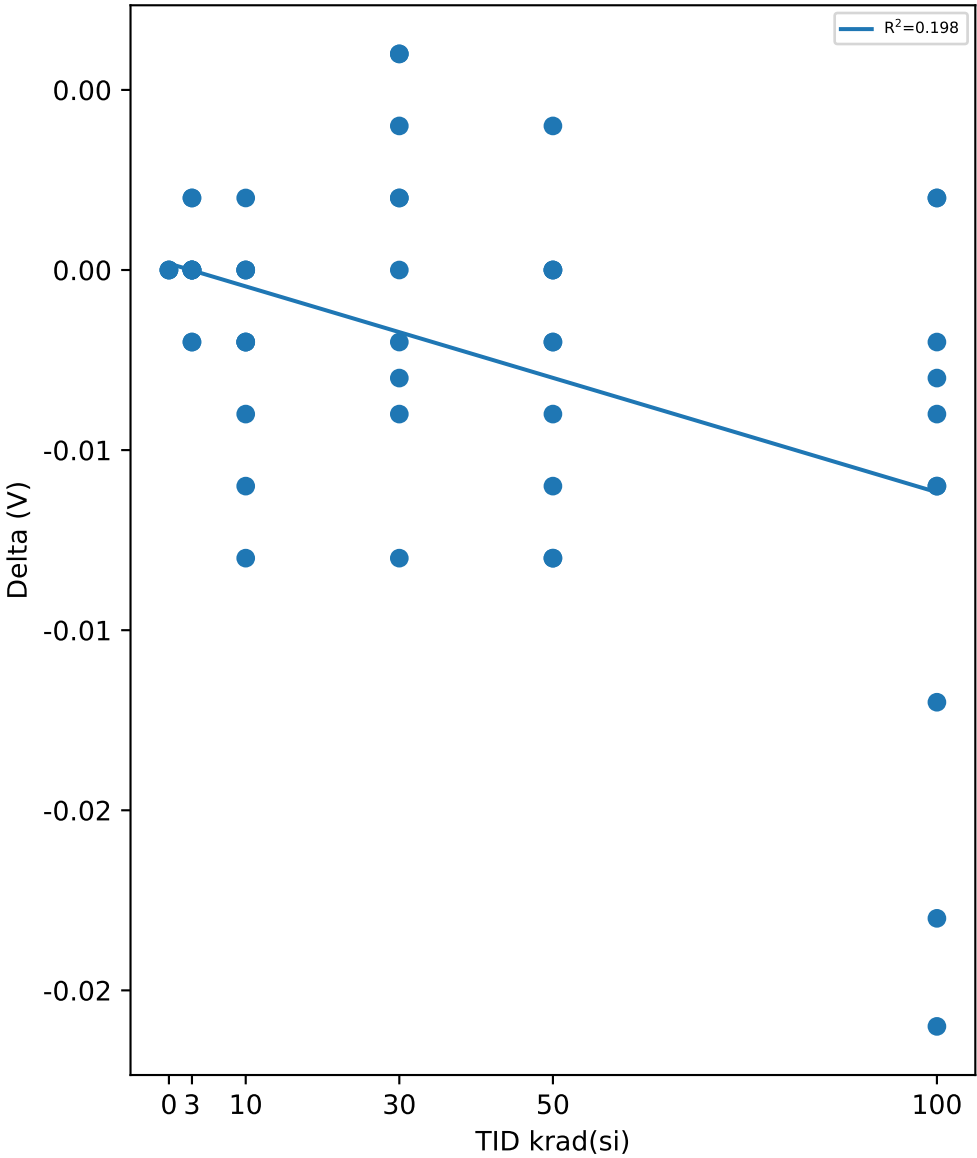
TID vs Result Stats



Test Results (Lower Limit = 2.58, Upper Limit = 2.72 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.649	2.649	0
301	0	Correlation	2.653	2.653	0
302	0	Correlation	2.643	2.643	0
303	3	Bias	2.655	2.657	0.002
304	3	Bias	2.653	2.651	-0.002
305	3	Bias	2.643	2.643	0
306	3	Bias	2.661	2.661	0
307	3	Bias	2.651	2.651	0
308	3	Unbiased	2.647	2.647	0
309	3	Unbiased	2.643	2.645	0.002
310	3	Unbiased	2.657	2.655	-0.002
311	3	Unbiased	2.649	2.649	0
312	3	Unbiased	2.647	2.647	0
313	10	Bias	2.657	2.657	0
314	10	Bias	2.642	2.64	-0.002
315	10	Bias	2.657	2.653	-0.004
316	10	Bias	2.653	2.651	-0.002
317	10	Bias	2.642	2.636	-0.006
318	10	Unbiased	2.657	2.655	-0.002
319	10	Unbiased	2.661	2.663	0.002
320	10	Unbiased	2.651	2.651	0
321	10	Unbiased	2.653	2.645	-0.008
322	10	Unbiased	2.655	2.655	0
323	30	Bias	2.645	2.642	-0.003
324	30	Bias	2.651	2.657	0.006
325	30	Bias	2.651	2.647	-0.004
326	30	Bias	2.653	2.659	0.006
327	30	Bias	2.649	2.651	0.002
328	30	Unbiased	2.659	2.659	0
329	30	Unbiased	2.655	2.653	-0.002
330	30	Unbiased	2.649	2.653	0.004
331	30	Unbiased	2.655	2.647	-0.008
332	30	Unbiased	2.657	2.659	0.002
333	50	Bias	2.657	2.651	-0.006
334	50	Bias	2.655	2.647	-0.008
335	50	Bias	2.649	2.645	-0.004
336	50	Bias	2.653	2.653	0
337	50	Bias	2.653	2.645	-0.008
338	50	Unbiased	2.653	2.657	0.004
339	50	Unbiased	2.651	2.651	0
340	50	Unbiased	2.653	2.651	-0.002
341	50	Unbiased	2.659	2.657	-0.002
342	50	Unbiased	2.655	2.655	0
343	100	Bias	2.661	2.643	-0.018
344	100	Bias	2.655	2.634	-0.021
345	100	Bias	2.659	2.647	-0.012
346	100	Bias	2.645	2.642	-0.003
347	100	Bias	2.649	2.643	-0.006
348	100	Unbiased	2.651	2.653	0.002
349	100	Unbiased	2.647	2.643	-0.004
350	100	Unbiased	2.649	2.643	-0.006
351	100	Unbiased	2.655	2.653	-0.002
352	100	Unbiased	2.657	2.659	0.002

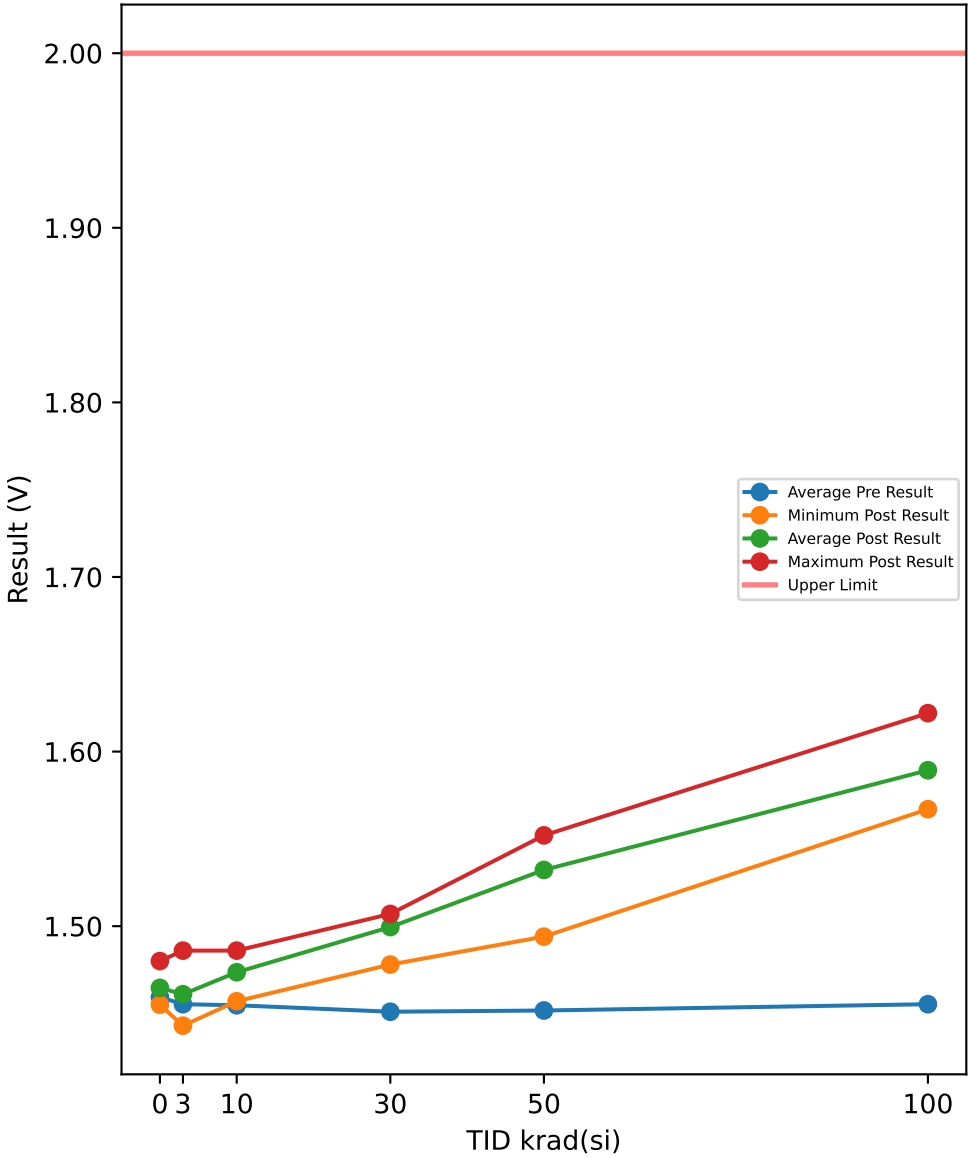
TID vs Post - Pre Exposure Delta



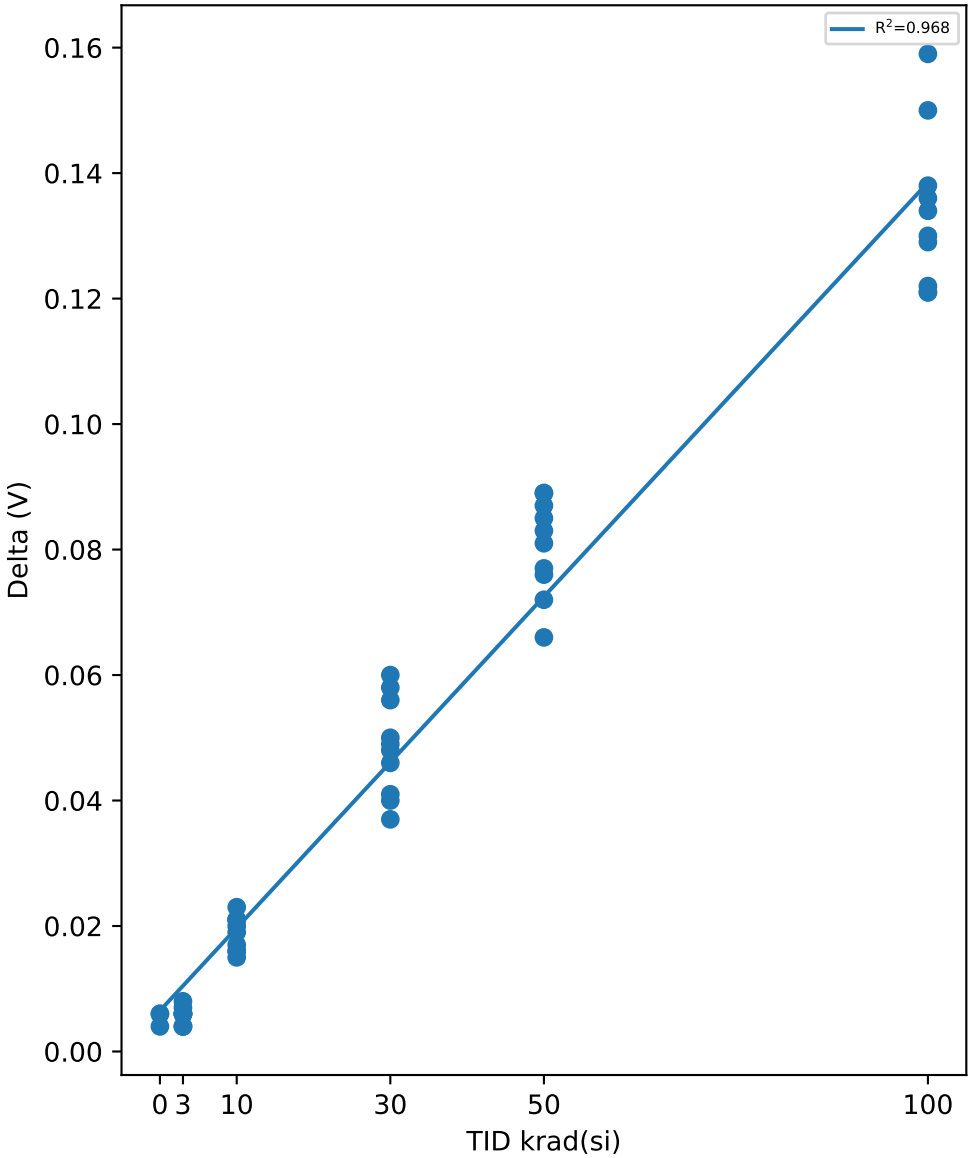
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.643	2.6483	2.653	0.0050332	2.643	2.6483	2.653	0.0050332	0	0	0	0
3	2.643	2.6506	2.661	0.0059479	2.643	2.6506	2.661	0.0056411	-0.002	0	0.002	0.0013333
10	2.642	2.6528	2.661	0.0063386	2.636	2.6506	2.663	0.0081404	-0.008	-0.0022	0.002	0.0030478
30	2.645	2.6524	2.659	0.0042216	2.642	2.6527	2.659	0.0059638	-0.008	0.0003	0.006	0.0045717
50	2.649	2.6538	2.659	0.0028597	2.645	2.6512	2.657	0.0044672	-0.008	-0.0026	0.004	0.003893
100	2.645	2.6528	2.661	0.0053707	2.634	2.646	2.659	0.0071802	-0.021	-0.0068	0.002	0.0078571

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 2.0 (V))

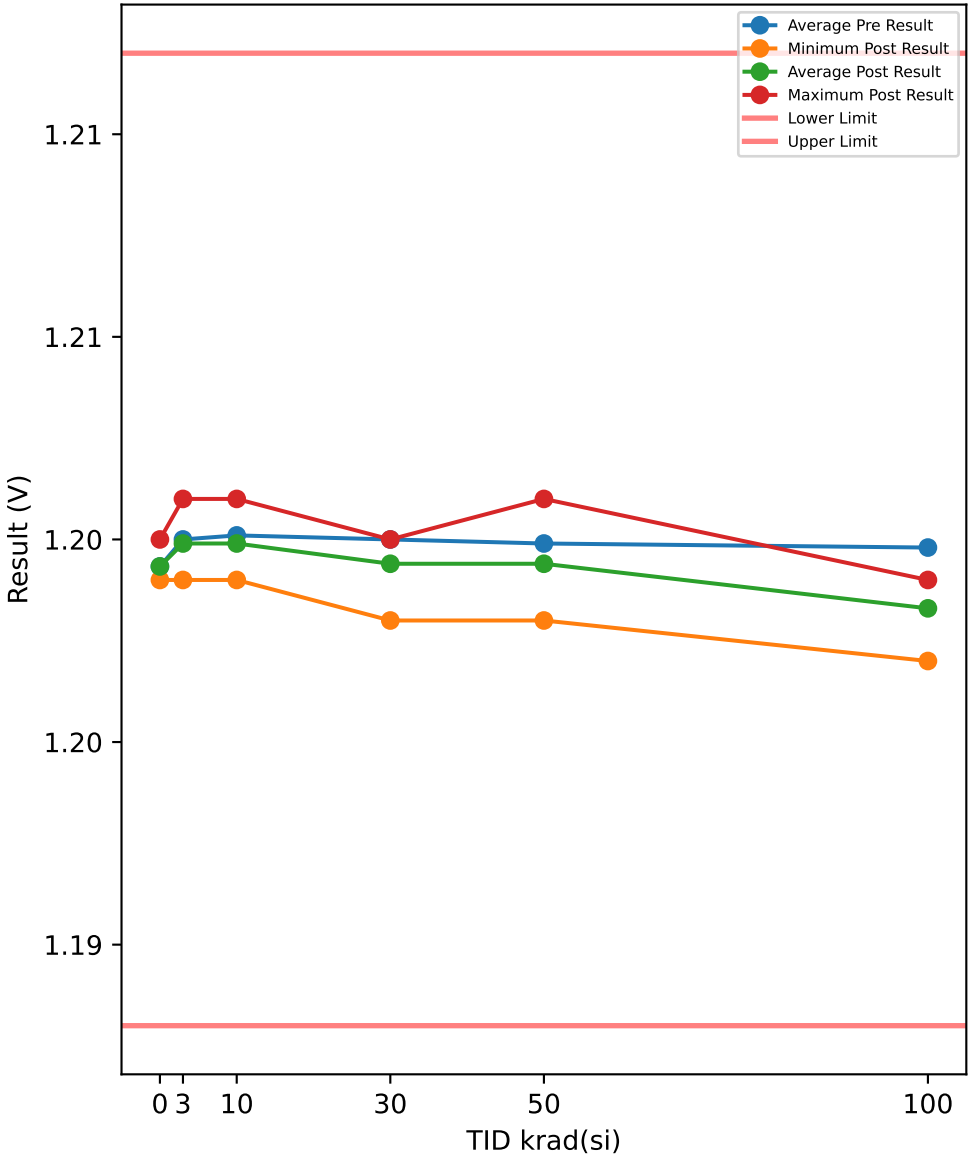
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.474	1.48	0.006
301	0	Correlation	1.449	1.455	0.006
302	0	Correlation	1.455	1.459	0.004
303	3	Bias	1.48	1.486	0.006
304	3	Bias	1.437	1.443	0.006
305	3	Bias	1.453	1.459	0.006
306	3	Bias	1.457	1.461	0.004
307	3	Bias	1.445	1.453	0.008
308	3	Unbiased	1.449	1.455	0.006
309	3	Unbiased	1.459	1.463	0.004
310	3	Unbiased	1.459	1.466	0.007
311	3	Unbiased	1.459	1.465	0.006
312	3	Unbiased	1.455	1.459	0.004
313	10	Bias	1.441	1.457	0.016
314	10	Bias	1.461	1.478	0.017
315	10	Bias	1.47	1.486	0.016
316	10	Bias	1.445	1.466	0.021
317	10	Bias	1.445	1.465	0.02
318	10	Unbiased	1.453	1.472	0.019
319	10	Unbiased	1.463	1.484	0.021
320	10	Unbiased	1.457	1.472	0.015
321	10	Unbiased	1.457	1.478	0.021
322	10	Unbiased	1.455	1.478	0.023
323	30	Bias	1.455	1.496	0.041
324	30	Bias	1.441	1.478	0.037
325	30	Bias	1.459	1.505	0.046
326	30	Bias	1.455	1.505	0.05
327	30	Bias	1.459	1.499	0.04
328	30	Unbiased	1.455	1.503	0.048
329	30	Unbiased	1.447	1.496	0.049
330	30	Unbiased	1.451	1.507	0.056
331	30	Unbiased	1.445	1.503	0.058
332	30	Unbiased	1.443	1.503	0.06
333	50	Bias	1.422	1.494	0.072
334	50	Bias	1.457	1.523	0.066
335	50	Bias	1.465	1.552	0.087
336	50	Bias	1.455	1.536	0.081
337	50	Bias	1.451	1.536	0.085
338	50	Unbiased	1.463	1.54	0.077
339	50	Unbiased	1.451	1.527	0.076
340	50	Unbiased	1.455	1.538	0.083
341	50	Unbiased	1.445	1.534	0.089
342	50	Unbiased	1.453	1.542	0.089
343	100	Bias	1.457	1.579	0.122
344	100	Bias	1.47	1.591	0.121
345	100	Bias	1.431	1.567	0.136
346	100	Bias	1.476	1.597	0.121
347	100	Bias	1.466	1.595	0.129
348	100	Unbiased	1.445	1.579	0.134
349	100	Unbiased	1.457	1.587	0.13
350	100	Unbiased	1.447	1.597	0.15
351	100	Unbiased	1.463	1.622	0.159
352	100	Unbiased	1.441	1.579	0.138

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.449	1.4593	1.474	0.013051	1.455	1.4647	1.48	0.013429	0.004	0.0053333	0.006	0.0011547
3	1.437	1.4553	1.48	0.011255	1.443	1.461	1.486	0.011065	0.004	0.0057	0.008	0.0013375
10	1.441	1.4547	1.47	0.0090191	1.457	1.4736	1.486	0.009021	0.015	0.0189	0.023	0.0027264
30	1.441	1.451	1.459	0.0065997	1.478	1.4995	1.507	0.008436	0.037	0.0485	0.06	0.0078067
50	1.422	1.4517	1.465	0.011945	1.494	1.5322	1.552	0.015583	0.066	0.0805	0.089	0.007663
100	1.431	1.4553	1.476	0.014119	1.567	1.5893	1.622	0.015071	0.121	0.134	0.159	0.012579

Device Test: 6.14 ; REFCAP

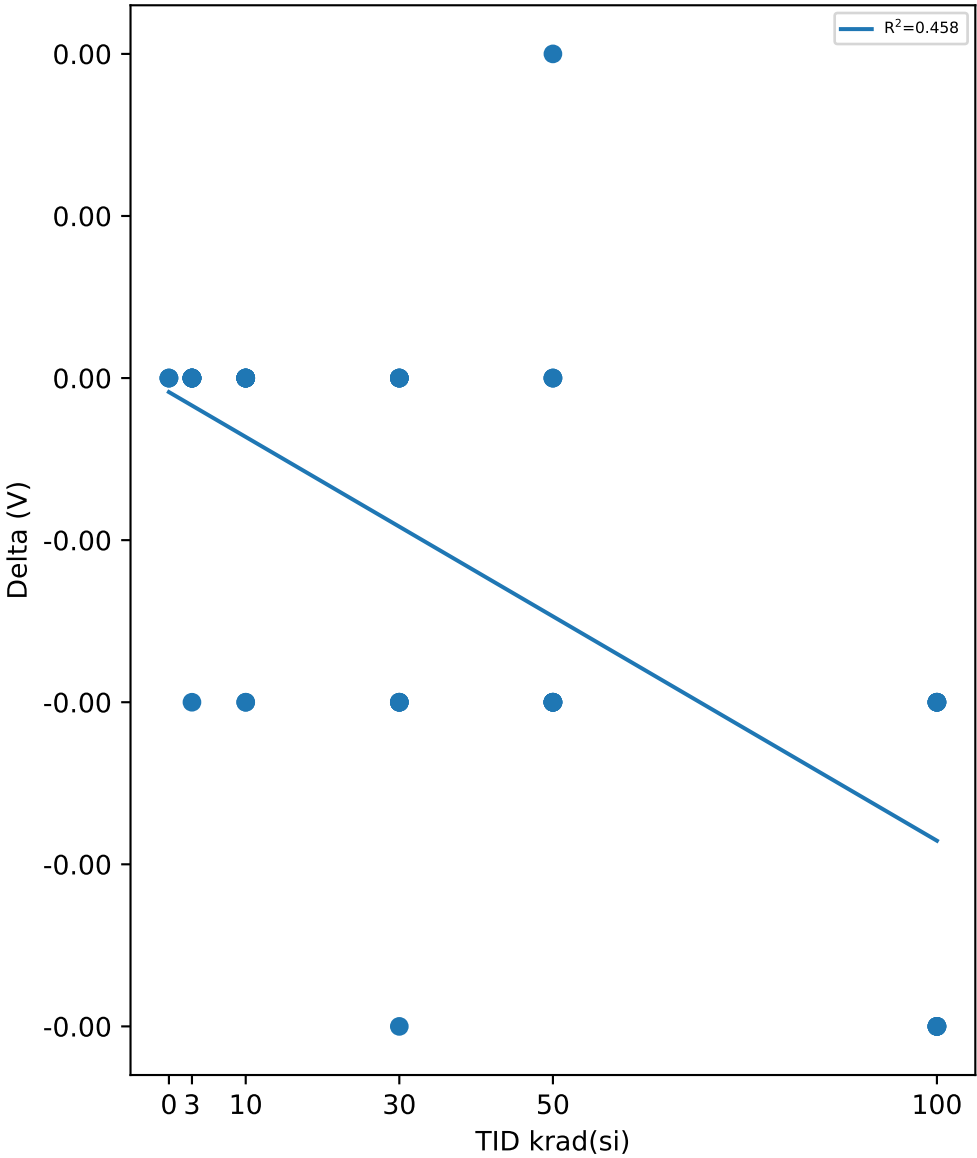
TID vs Result Stats



Test Results (Lower Limit = 1.188, Upper Limit = 1.212 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.199	1.199	0
301	0	Correlation	1.2	1.2	0
302	0	Correlation	1.199	1.199	0
303	3	Bias	1.2	1.2	0
304	3	Bias	1.199	1.199	0
305	3	Bias	1.201	1.201	0
306	3	Bias	1.2	1.2	0
307	3	Bias	1.2	1.2	0
308	3	Unbiased	1.201	1.201	0
309	3	Unbiased	1.199	1.199	0
310	3	Unbiased	1.2	1.2	0
311	3	Unbiased	1.2	1.199	-0.001
312	3	Unbiased	1.2	1.2	0
313	10	Bias	1.2	1.2	0
314	10	Bias	1.2	1.2	0
315	10	Bias	1.2	1.2	0
316	10	Bias	1.2	1.2	0
317	10	Bias	1.2	1.199	-0.001
318	10	Unbiased	1.201	1.201	0
319	10	Unbiased	1.2	1.2	0
320	10	Unbiased	1.2	1.199	-0.001
321	10	Unbiased	1.2	1.2	0
322	10	Unbiased	1.2	1.2	0
323	30	Bias	1.201	1.2	-0.001
324	30	Bias	1.2	1.2	0
325	30	Bias	1.201	1.199	-0.002
326	30	Bias	1.199	1.199	0
327	30	Bias	1.201	1.2	-0.001
328	30	Unbiased	1.2	1.2	0
329	30	Unbiased	1.199	1.199	0
330	30	Unbiased	1.201	1.2	-0.001
331	30	Unbiased	1.199	1.199	0
332	30	Unbiased	1.199	1.198	-0.001
333	50	Bias	1.2	1.199	-0.001
334	50	Bias	1.199	1.199	0
335	50	Bias	1.2	1.199	-0.001
336	50	Bias	1.2	1.199	-0.001
337	50	Bias	1.201	1.2	-0.001
338	50	Unbiased	1.201	1.2	-0.001
339	50	Unbiased	1.2	1.2	0
340	50	Unbiased	1.199	1.199	0
341	50	Unbiased	1.199	1.198	-0.001
342	50	Unbiased	1.2	1.201	0.001
343	100	Bias	1.2	1.198	-0.002
344	100	Bias	1.2	1.198	-0.002
345	100	Bias	1.2	1.199	-0.001
346	100	Bias	1.199	1.197	-0.002
347	100	Bias	1.2	1.199	-0.001
348	100	Unbiased	1.199	1.198	-0.001
349	100	Unbiased	1.199	1.198	-0.001
350	100	Unbiased	1.201	1.199	-0.002
351	100	Unbiased	1.2	1.198	-0.002
352	100	Unbiased	1.2	1.199	-0.001

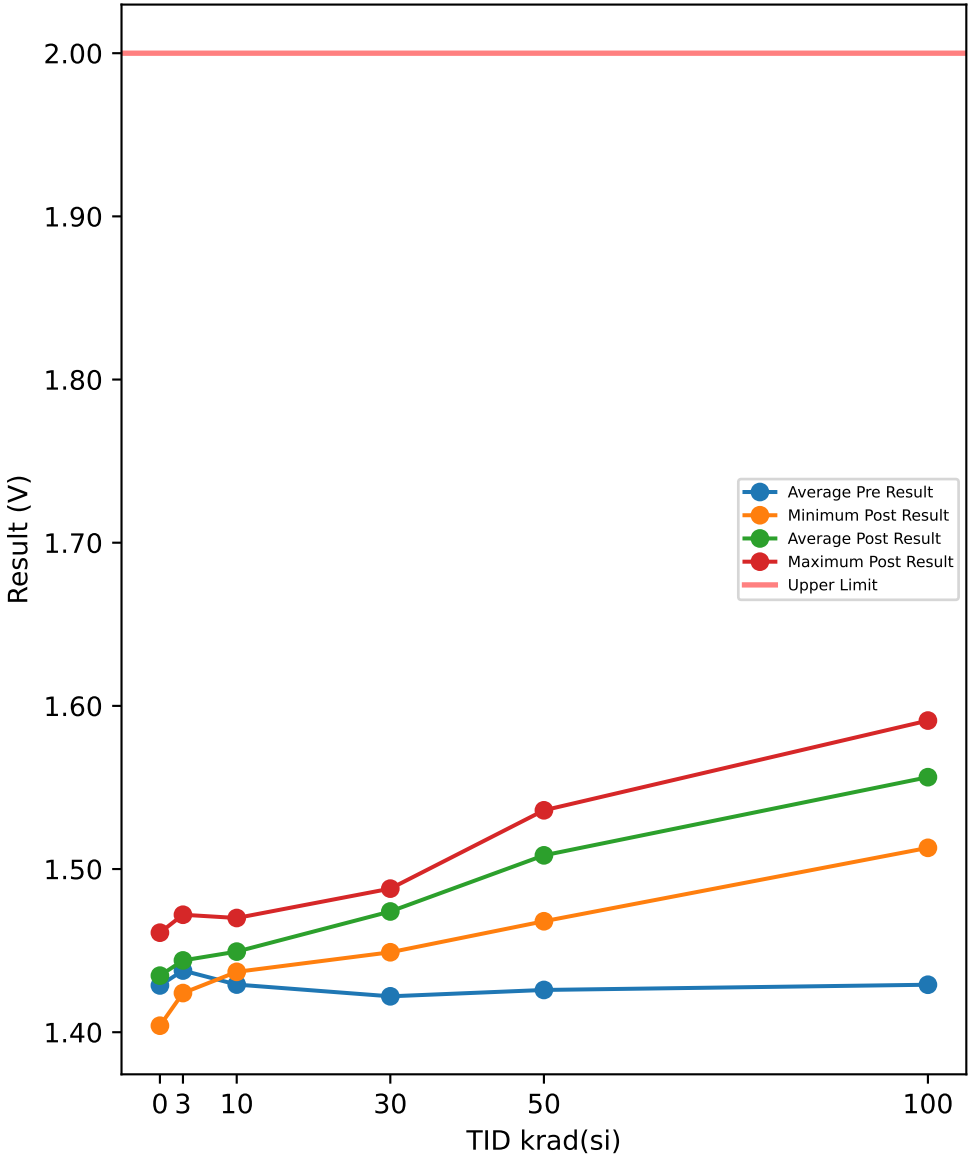
TID vs Post - Pre Exposure Delta



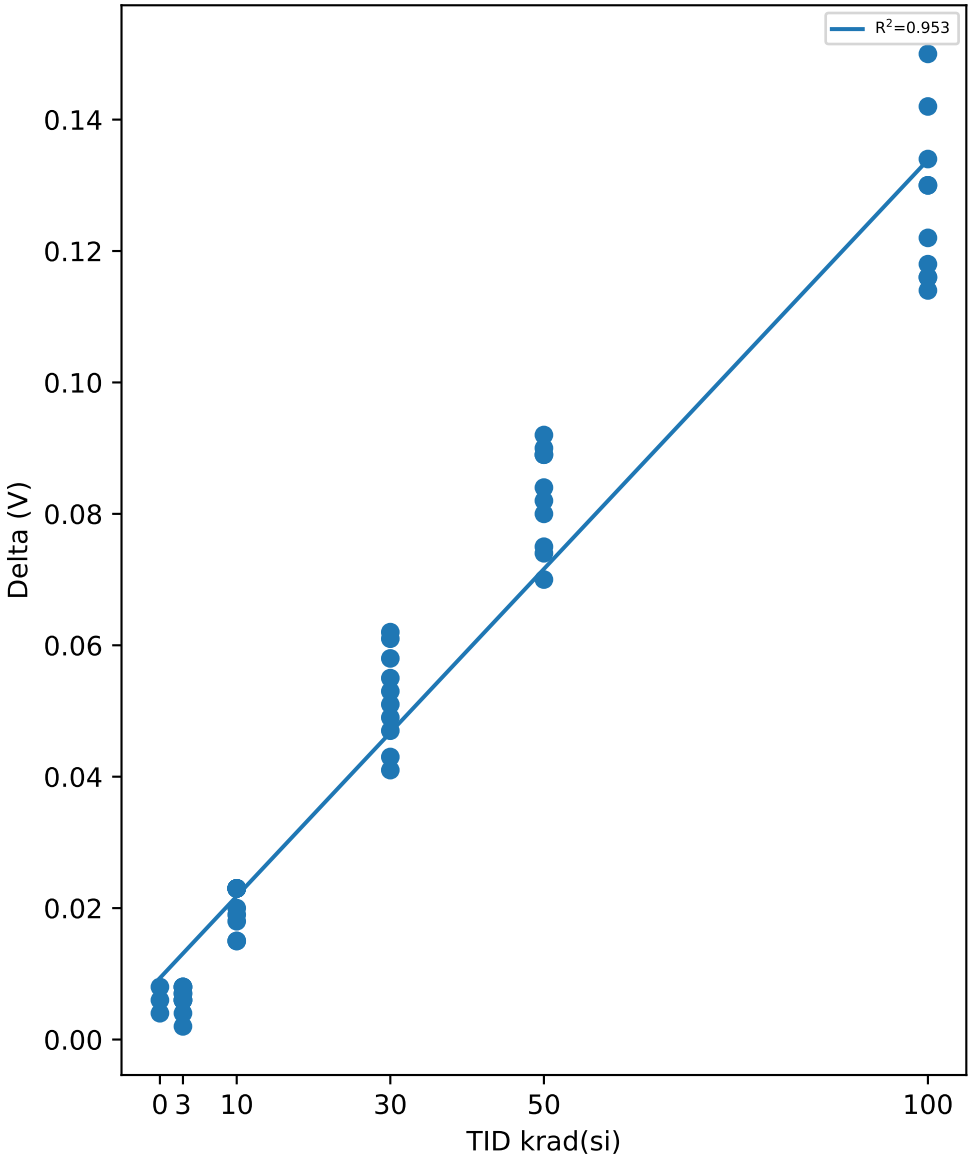
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.199	1.1993	1.2	0.00057735	1.199	1.1993	1.2	0.00057735	0	0	0	0
3	1.199	1.2	1.201	0.00066667	1.199	1.1999	1.201	0.00073786	-0.001	-0.0001	0	0.00031623
10	1.2	1.2001	1.201	0.00031623	1.199	1.1999	1.201	0.00056765	-0.001	-0.0002	0	0.00042164
30	1.199	1.2	1.201	0.00094281	1.198	1.1994	1.2	0.00069921	-0.002	-0.0006	0	0.00069921
50	1.199	1.1999	1.201	0.00073786	1.198	1.1994	1.201	0.00084327	-0.001	-0.0005	0.001	0.00070711
100	1.199	1.1998	1.201	0.00063246	1.197	1.1983	1.199	0.00067495	-0.002	-0.0015	-0.001	0.00052705

TID vs Result Stats



TID vs Post - Pre Exposure Delta



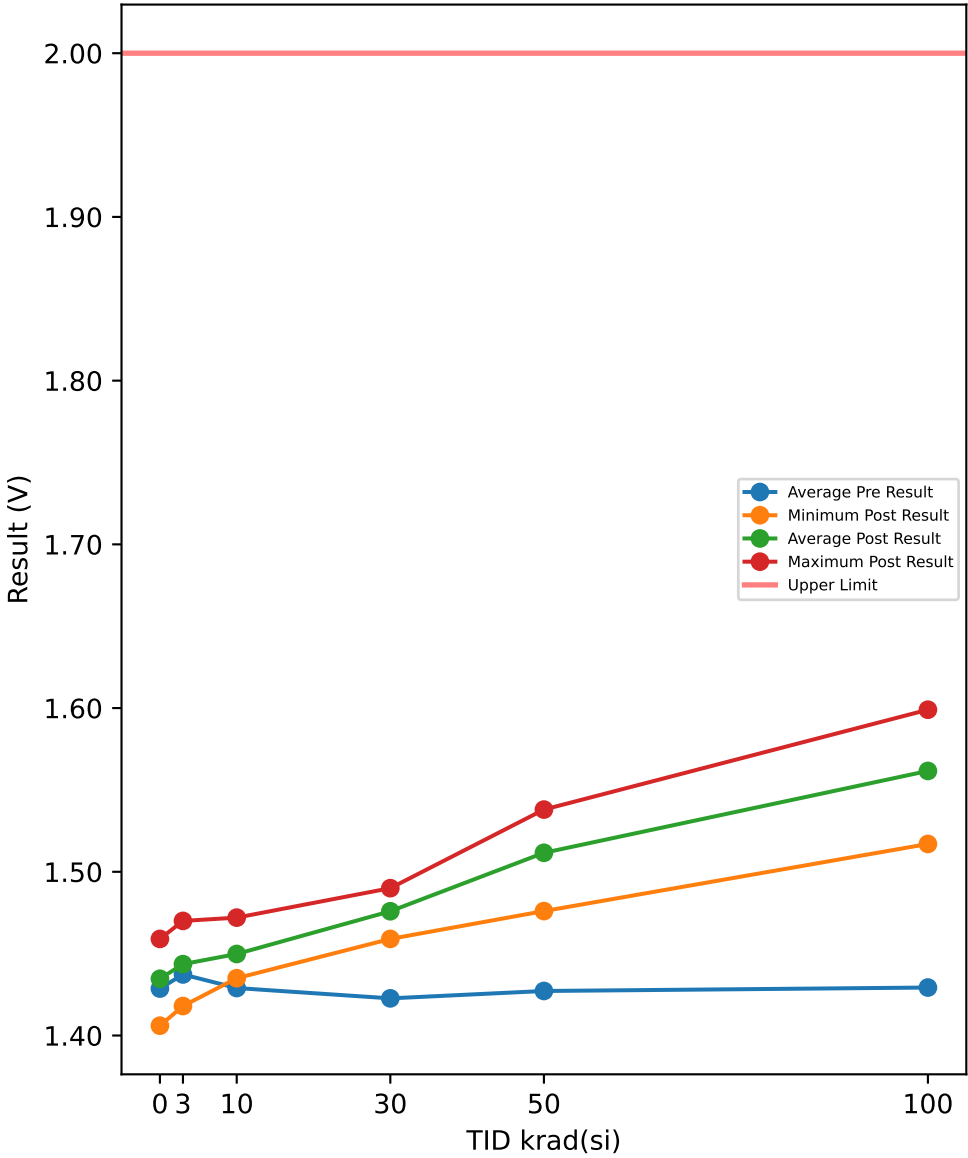
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.453	1.461	0.008
301	0	Correlation	1.433	1.439	0.006
302	0	Correlation	1.4	1.404	0.004
303	3	Bias	1.465	1.472	0.007
304	3	Bias	1.428	1.435	0.007
305	3	Bias	1.416	1.424	0.008
306	3	Bias	1.441	1.443	0.002
307	3	Bias	1.435	1.443	0.008
308	3	Unbiased	1.439	1.445	0.006
309	3	Unbiased	1.435	1.439	0.004
310	3	Unbiased	1.441	1.449	0.008
311	3	Unbiased	1.441	1.447	0.006
312	3	Unbiased	1.437	1.443	0.006
313	10	Bias	1.424	1.439	0.015
314	10	Bias	1.431	1.449	0.018
315	10	Bias	1.433	1.453	0.02
316	10	Bias	1.424	1.447	0.023
317	10	Bias	1.422	1.445	0.023
318	10	Unbiased	1.418	1.437	0.019
319	10	Unbiased	1.447	1.47	0.023
320	10	Unbiased	1.424	1.439	0.015
321	10	Unbiased	1.422	1.445	0.023
322	10	Unbiased	1.447	1.47	0.023
323	30	Bias	1.441	1.484	0.043
324	30	Bias	1.424	1.465	0.041
325	30	Bias	1.398	1.449	0.051
326	30	Bias	1.431	1.486	0.055
327	30	Bias	1.439	1.486	0.047
328	30	Unbiased	1.416	1.465	0.049
329	30	Unbiased	1.435	1.488	0.053
330	30	Unbiased	1.4	1.461	0.061
331	30	Unbiased	1.424	1.482	0.058
332	30	Unbiased	1.412	1.474	0.062
333	50	Bias	1.397	1.472	0.075
334	50	Bias	1.398	1.468	0.07
335	50	Bias	1.447	1.536	0.089
336	50	Bias	1.441	1.525	0.084
337	50	Bias	1.416	1.505	0.089
338	50	Unbiased	1.445	1.525	0.08
339	50	Unbiased	1.412	1.486	0.074
340	50	Unbiased	1.437	1.519	0.082
341	50	Unbiased	1.435	1.527	0.092
342	50	Unbiased	1.431	1.521	0.09
343	100	Bias	1.418	1.534	0.116
344	100	Bias	1.43	1.548	0.118
345	100	Bias	1.422	1.556	0.134
346	100	Bias	1.459	1.573	0.114
347	100	Bias	1.426	1.542	0.116
348	100	Unbiased	1.43	1.56	0.13
349	100	Unbiased	1.441	1.571	0.13
350	100	Unbiased	1.433	1.575	0.142
351	100	Unbiased	1.441	1.591	0.15
352	100	Unbiased	1.391	1.513	0.122

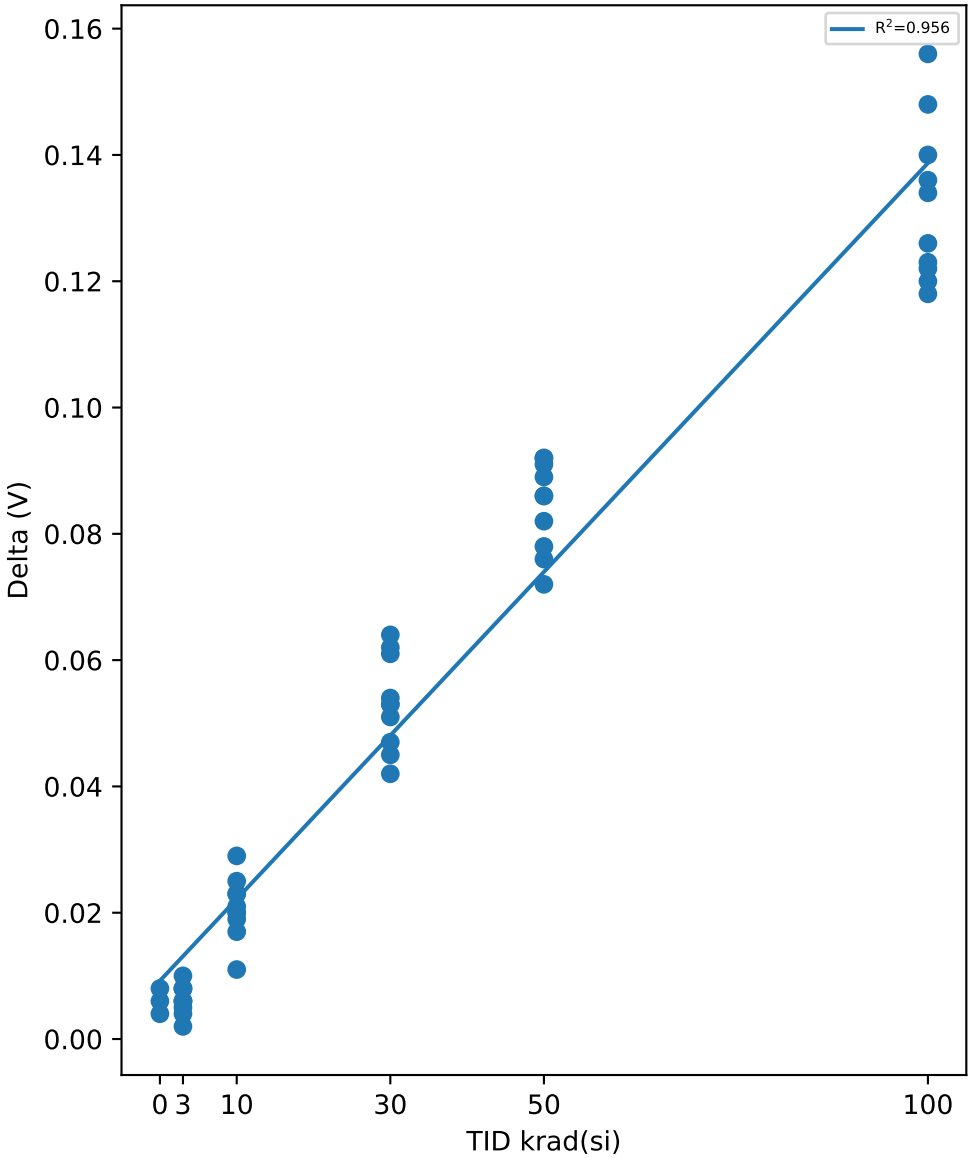
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.4	1.4287	1.453	0.026764	1.404	1.4347	1.461	0.028746	0.004	0.006	0.008	0.002
3	1.416	1.4378	1.465	0.012291	1.424	1.444	1.472	0.012147	0.002	0.0062	0.008	0.0019322
10	1.418	1.4292	1.447	0.010337	1.437	1.4494	1.47	0.011909	0.015	0.0202	0.023	0.0033267
30	1.398	1.422	1.441	0.01529	1.449	1.474	1.488	0.01335	0.041	0.052	0.062	0.0071802
50	1.397	1.4259	1.447	0.018782	1.468	1.5084	1.536	0.024496	0.07	0.0825	0.092	0.007634
100	1.391	1.4291	1.459	0.017729	1.513	1.5563	1.591	0.022872	0.114	0.1272	0.15	0.012191

TID vs Result Stats



TID vs Post - Pre Exposure Delta



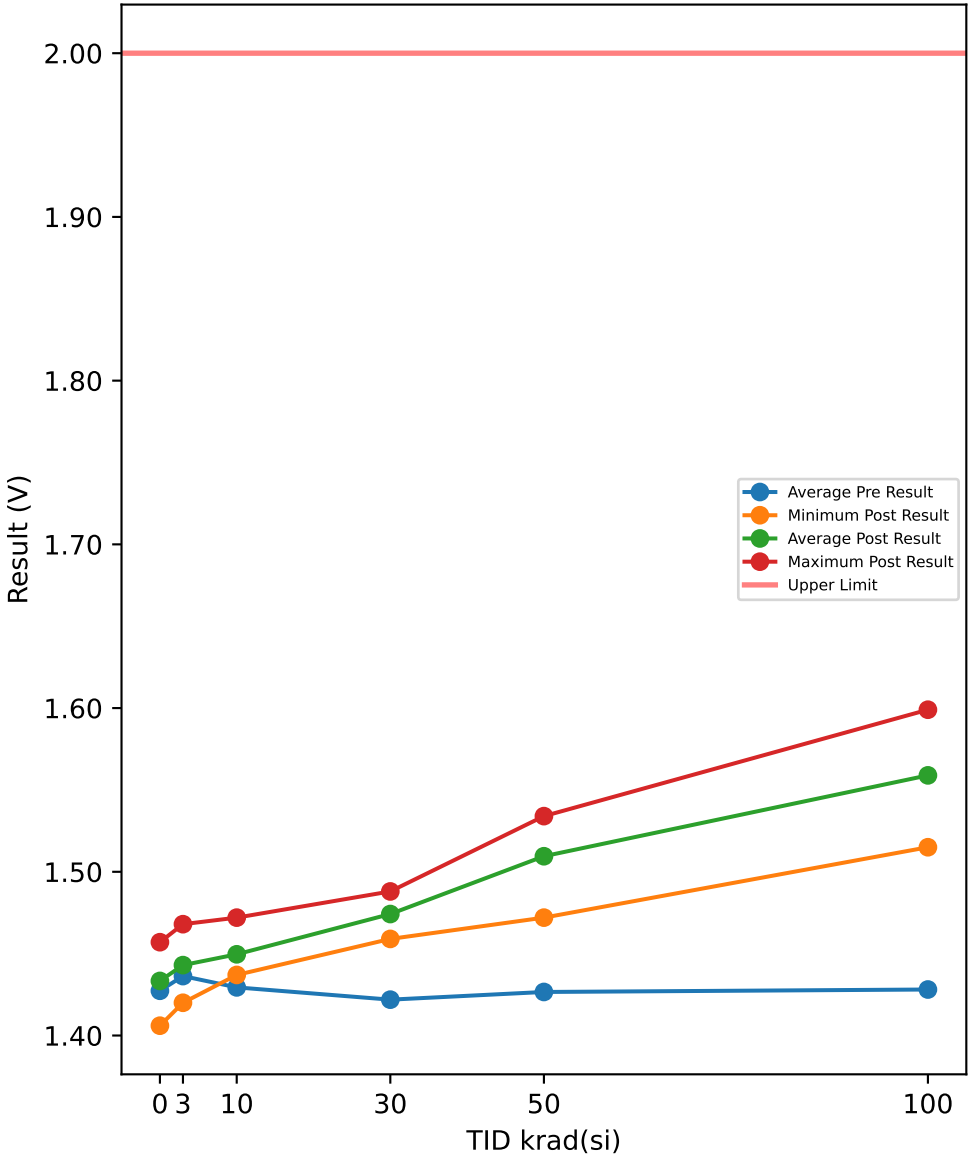
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.451	1.459	0.008
301	0	Correlation	1.433	1.439	0.006
302	0	Correlation	1.402	1.406	0.004
303	3	Bias	1.465	1.47	0.005
304	3	Bias	1.431	1.439	0.008
305	3	Bias	1.41	1.418	0.008
306	3	Bias	1.443	1.445	0.002
307	3	Bias	1.433	1.443	0.01
308	3	Unbiased	1.439	1.445	0.006
309	3	Unbiased	1.435	1.439	0.004
310	3	Unbiased	1.441	1.447	0.006
311	3	Unbiased	1.439	1.447	0.008
312	3	Unbiased	1.437	1.443	0.006
313	10	Bias	1.426	1.443	0.017
314	10	Bias	1.433	1.453	0.02
315	10	Bias	1.431	1.451	0.02
316	10	Bias	1.424	1.447	0.023
317	10	Bias	1.422	1.445	0.023
318	10	Unbiased	1.418	1.437	0.019
319	10	Unbiased	1.447	1.468	0.021
320	10	Unbiased	1.424	1.435	0.011
321	10	Unbiased	1.418	1.447	0.029
322	10	Unbiased	1.447	1.472	0.025
323	30	Bias	1.441	1.486	0.045
324	30	Bias	1.424	1.466	0.042
325	30	Bias	1.406	1.459	0.053
326	30	Bias	1.43	1.484	0.054
327	30	Bias	1.435	1.482	0.047
328	30	Unbiased	1.414	1.465	0.051
329	30	Unbiased	1.435	1.488	0.053
330	30	Unbiased	1.404	1.465	0.061
331	30	Unbiased	1.428	1.49	0.062
332	30	Unbiased	1.41	1.474	0.064
333	50	Bias	1.398	1.476	0.078
334	50	Bias	1.404	1.476	0.072
335	50	Bias	1.447	1.538	0.091
336	50	Bias	1.443	1.529	0.086
337	50	Bias	1.418	1.507	0.089
338	50	Unbiased	1.445	1.527	0.082
339	50	Unbiased	1.41	1.486	0.076
340	50	Unbiased	1.437	1.523	0.086
341	50	Unbiased	1.437	1.529	0.092
342	50	Unbiased	1.433	1.525	0.092
343	100	Bias	1.414	1.532	0.118
344	100	Bias	1.435	1.558	0.123
345	100	Bias	1.422	1.562	0.14
346	100	Bias	1.463	1.585	0.122
347	100	Bias	1.422	1.542	0.12
348	100	Unbiased	1.431	1.567	0.136
349	100	Unbiased	1.439	1.573	0.134
350	100	Unbiased	1.433	1.581	0.148
351	100	Unbiased	1.443	1.599	0.156
352	100	Unbiased	1.391	1.517	0.126

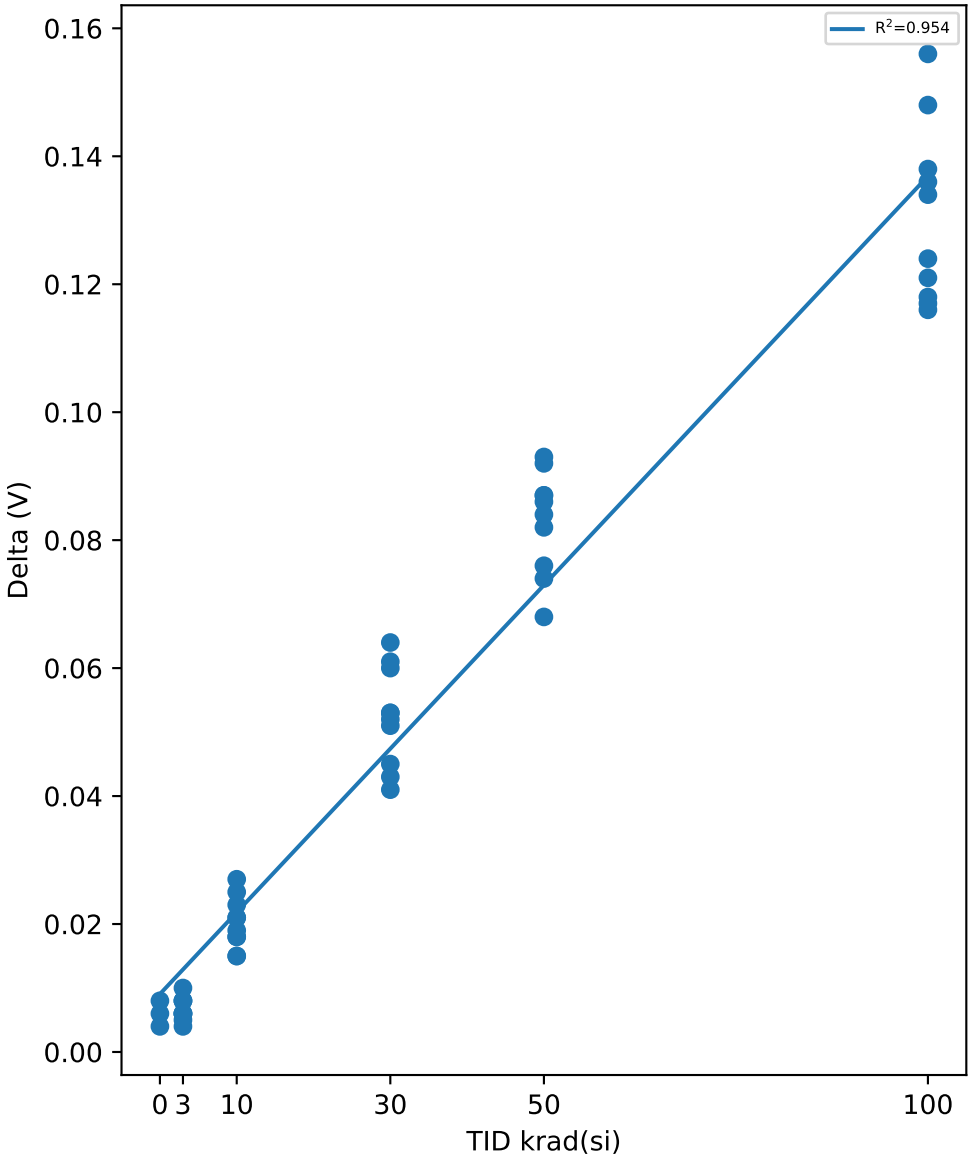
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.402	1.4287	1.451	0.024786	1.406	1.4347	1.459	0.026764	0.004	0.006	0.008	0.002
3	1.41	1.4373	1.465	0.01345	1.418	1.4436	1.47	0.012572	0.002	0.0063	0.01	0.0023118
10	1.418	1.429	1.447	0.010635	1.435	1.4498	1.472	0.012035	0.011	0.0208	0.029	0.0048259
30	1.404	1.4227	1.441	0.013275	1.459	1.4759	1.49	0.011426	0.042	0.0532	0.064	0.0073907
50	1.398	1.4272	1.447	0.018122	1.476	1.5116	1.538	0.023712	0.072	0.0844	0.092	0.0071212
100	1.391	1.4293	1.463	0.019073	1.517	1.5616	1.599	0.025264	0.118	0.1323	0.156	0.012789

TID vs Result Stats



TID vs Post - Pre Exposure Delta



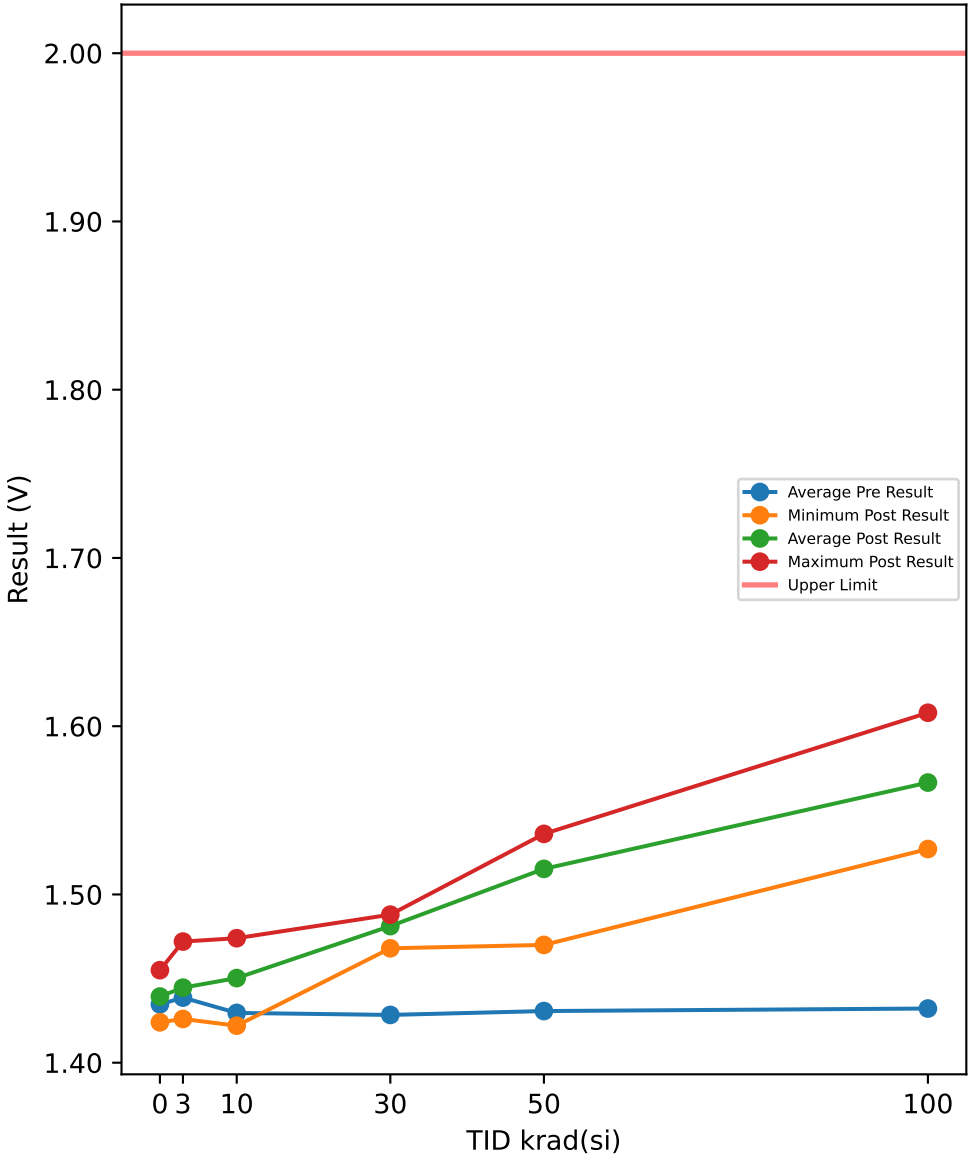
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.449	1.457	0.008
301	0	Correlation	1.431	1.437	0.006
302	0	Correlation	1.402	1.406	0.004
303	3	Bias	1.463	1.468	0.005
304	3	Bias	1.431	1.439	0.008
305	3	Bias	1.412	1.42	0.008
306	3	Bias	1.441	1.445	0.004
307	3	Bias	1.433	1.443	0.01
308	3	Unbiased	1.437	1.443	0.006
309	3	Unbiased	1.433	1.439	0.006
310	3	Unbiased	1.441	1.447	0.006
311	3	Unbiased	1.437	1.445	0.008
312	3	Unbiased	1.435	1.441	0.006
313	10	Bias	1.426	1.441	0.015
314	10	Bias	1.433	1.451	0.018
315	10	Bias	1.433	1.451	0.018
316	10	Bias	1.424	1.447	0.023
317	10	Bias	1.424	1.445	0.021
318	10	Unbiased	1.42	1.439	0.019
319	10	Unbiased	1.447	1.468	0.021
320	10	Unbiased	1.422	1.437	0.015
321	10	Unbiased	1.418	1.445	0.027
322	10	Unbiased	1.447	1.472	0.025
323	30	Bias	1.441	1.484	0.043
324	30	Bias	1.424	1.465	0.041
325	30	Bias	1.406	1.459	0.053
326	30	Bias	1.43	1.482	0.052
327	30	Bias	1.435	1.48	0.045
328	30	Unbiased	1.412	1.463	0.051
329	30	Unbiased	1.433	1.486	0.053
330	30	Unbiased	1.402	1.463	0.061
331	30	Unbiased	1.428	1.488	0.06
332	30	Unbiased	1.408	1.472	0.064
333	50	Bias	1.398	1.472	0.074
334	50	Bias	1.406	1.474	0.068
335	50	Bias	1.447	1.534	0.087
336	50	Bias	1.441	1.525	0.084
337	50	Bias	1.414	1.501	0.087
338	50	Unbiased	1.445	1.527	0.082
339	50	Unbiased	1.406	1.482	0.076
340	50	Unbiased	1.437	1.523	0.086
341	50	Unbiased	1.439	1.532	0.093
342	50	Unbiased	1.433	1.525	0.092
343	100	Bias	1.41	1.527	0.117
344	100	Bias	1.435	1.556	0.121
345	100	Bias	1.422	1.56	0.138
346	100	Bias	1.461	1.579	0.118
347	100	Bias	1.416	1.532	0.116
348	100	Unbiased	1.431	1.567	0.136
349	100	Unbiased	1.441	1.575	0.134
350	100	Unbiased	1.431	1.579	0.148
351	100	Unbiased	1.443	1.599	0.156
352	100	Unbiased	1.391	1.515	0.124

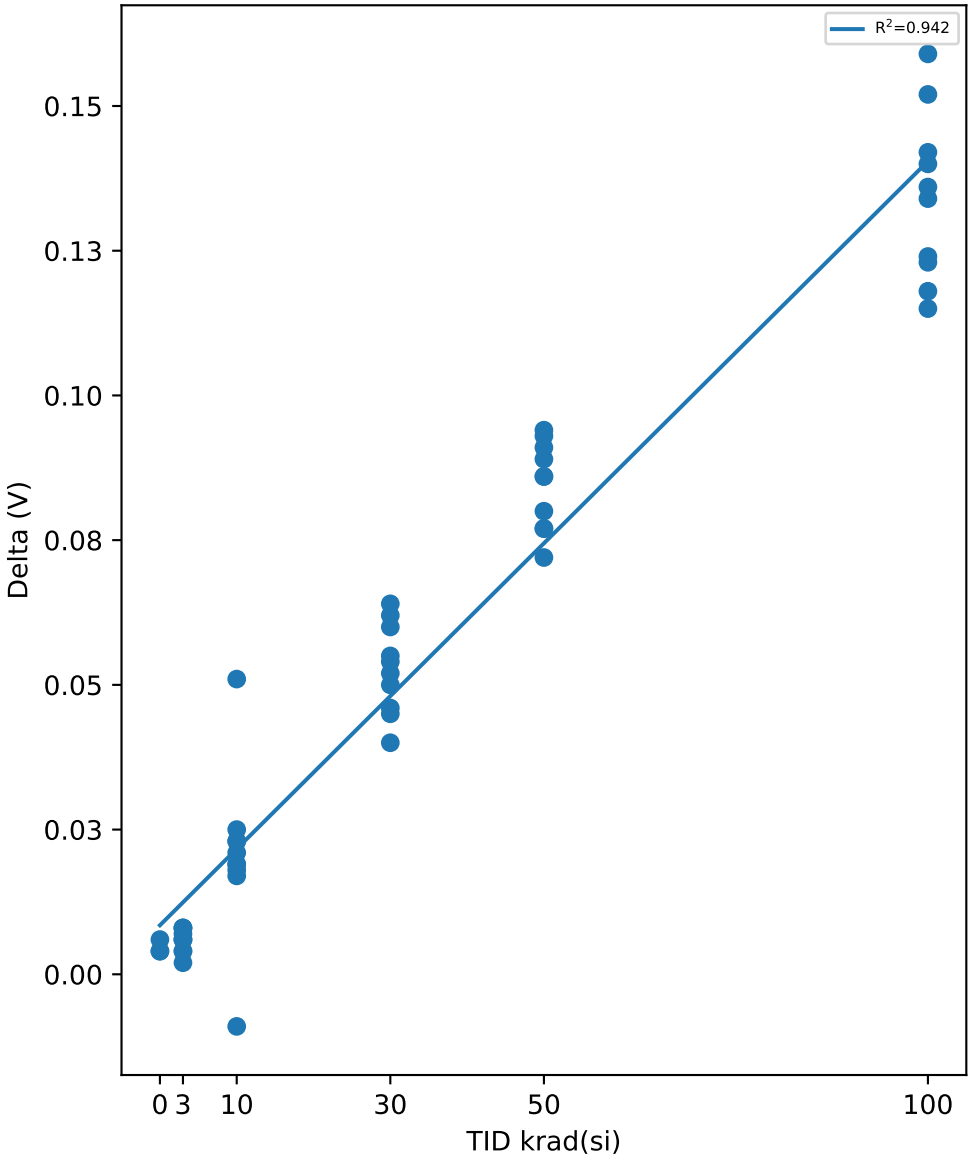
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.402	1.4273	1.449	0.023714	1.406	1.4333	1.457	0.025697	0.004	0.006	0.008	0.002
3	1.412	1.4363	1.463	0.012473	1.42	1.443	1.468	0.011614	0.004	0.0067	0.01	0.001767
10	1.418	1.4294	1.447	0.01048	1.437	1.4496	1.472	0.01173	0.015	0.0202	0.027	0.0039944
30	1.402	1.4219	1.441	0.013772	1.459	1.4742	1.488	0.011013	0.041	0.0523	0.064	0.007761
50	1.398	1.4266	1.447	0.01853	1.472	1.5095	1.534	0.024879	0.068	0.0829	0.093	0.0080201
100	1.391	1.4281	1.461	0.019502	1.515	1.5589	1.599	0.026706	0.116	0.1308	0.156	0.013887

TID vs Result Stats



TID vs Post - Pre Exposure Delta



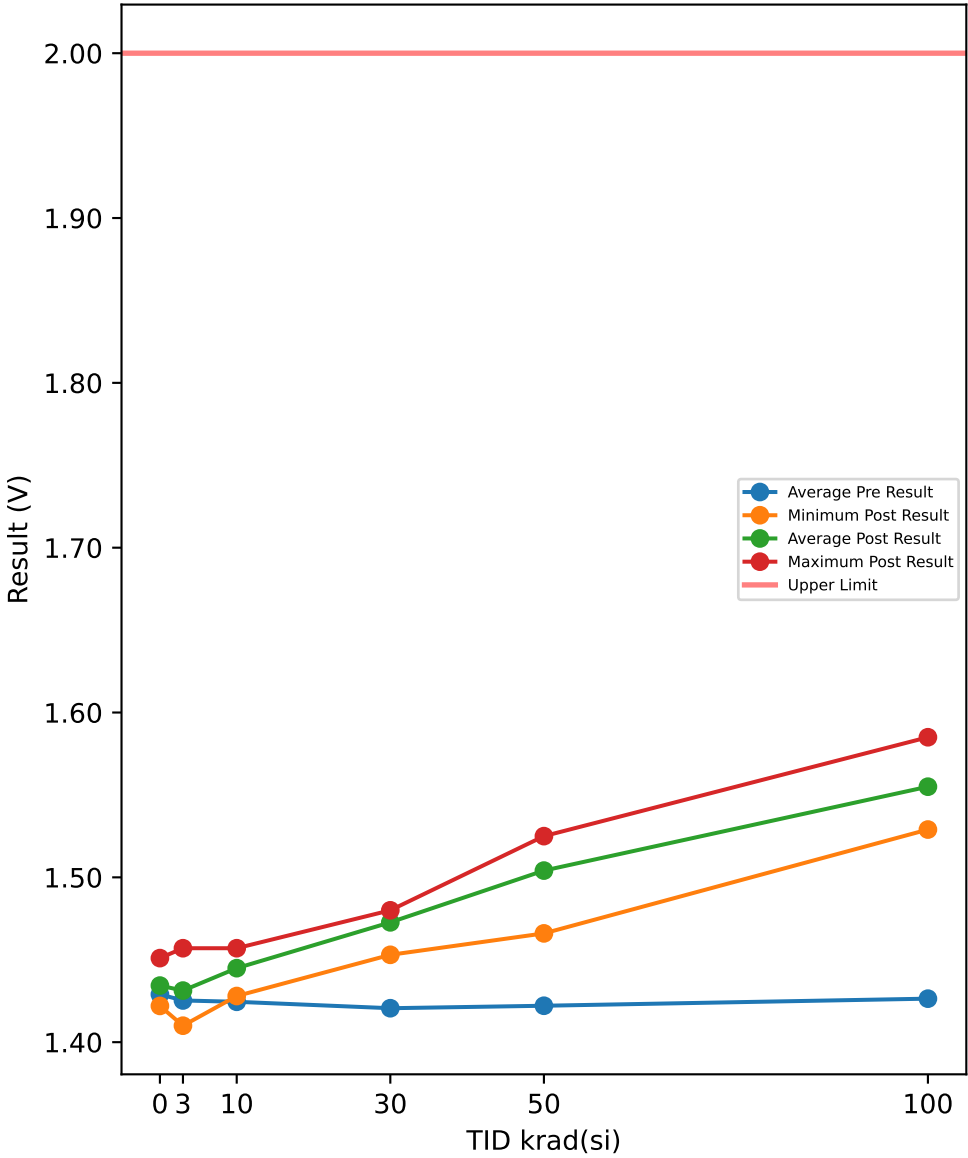
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.449	1.455	0.006
301	0	Correlation	1.435	1.439	0.004
302	0	Correlation	1.42	1.424	0.004
303	3	Bias	1.466	1.472	0.006
304	3	Bias	1.43	1.437	0.007
305	3	Bias	1.418	1.426	0.008
306	3	Bias	1.441	1.443	0.002
307	3	Bias	1.435	1.443	0.008
308	3	Unbiased	1.439	1.443	0.004
309	3	Unbiased	1.435	1.439	0.004
310	3	Unbiased	1.441	1.447	0.006
311	3	Unbiased	1.441	1.449	0.008
312	3	Unbiased	1.441	1.447	0.006
313	10	Bias	1.424	1.441	0.017
314	10	Bias	1.443	1.461	0.018
315	10	Bias	1.426	1.445	0.019
316	10	Bias	1.42	1.443	0.023
317	10	Bias	1.416	1.439	0.023
318	10	Unbiased	1.43	1.449	0.019
319	10	Unbiased	1.453	1.474	0.021
320	10	Unbiased	1.431	1.422	-0.009
321	10	Unbiased	1.404	1.455	0.051
322	10	Unbiased	1.449	1.474	0.025
323	30	Bias	1.443	1.488	0.045
324	30	Bias	1.428	1.468	0.04
325	30	Bias	1.426	1.48	0.054
326	30	Bias	1.433	1.488	0.055
327	30	Bias	1.43	1.476	0.046
328	30	Unbiased	1.426	1.476	0.05
329	30	Unbiased	1.43	1.482	0.052
330	30	Unbiased	1.42	1.482	0.062
331	30	Unbiased	1.426	1.486	0.06
332	30	Unbiased	1.422	1.486	0.064
333	50	Bias	1.393	1.47	0.077
334	50	Bias	1.422	1.494	0.072
335	50	Bias	1.445	1.536	0.091
336	50	Bias	1.439	1.525	0.086
337	50	Bias	1.412	1.501	0.089
338	50	Unbiased	1.451	1.531	0.08
339	50	Unbiased	1.428	1.505	0.077
340	50	Unbiased	1.443	1.529	0.086
341	50	Unbiased	1.435	1.529	0.094
342	50	Unbiased	1.439	1.532	0.093
343	100	Bias	1.416	1.534	0.118
344	100	Bias	1.435	1.558	0.123
345	100	Bias	1.424	1.566	0.142
346	100	Bias	1.463	1.587	0.124
347	100	Bias	1.412	1.527	0.115
348	100	Unbiased	1.435	1.575	0.14
349	100	Unbiased	1.439	1.573	0.134
350	100	Unbiased	1.435	1.587	0.152
351	100	Unbiased	1.449	1.608	0.159
352	100	Unbiased	1.414	1.55	0.136

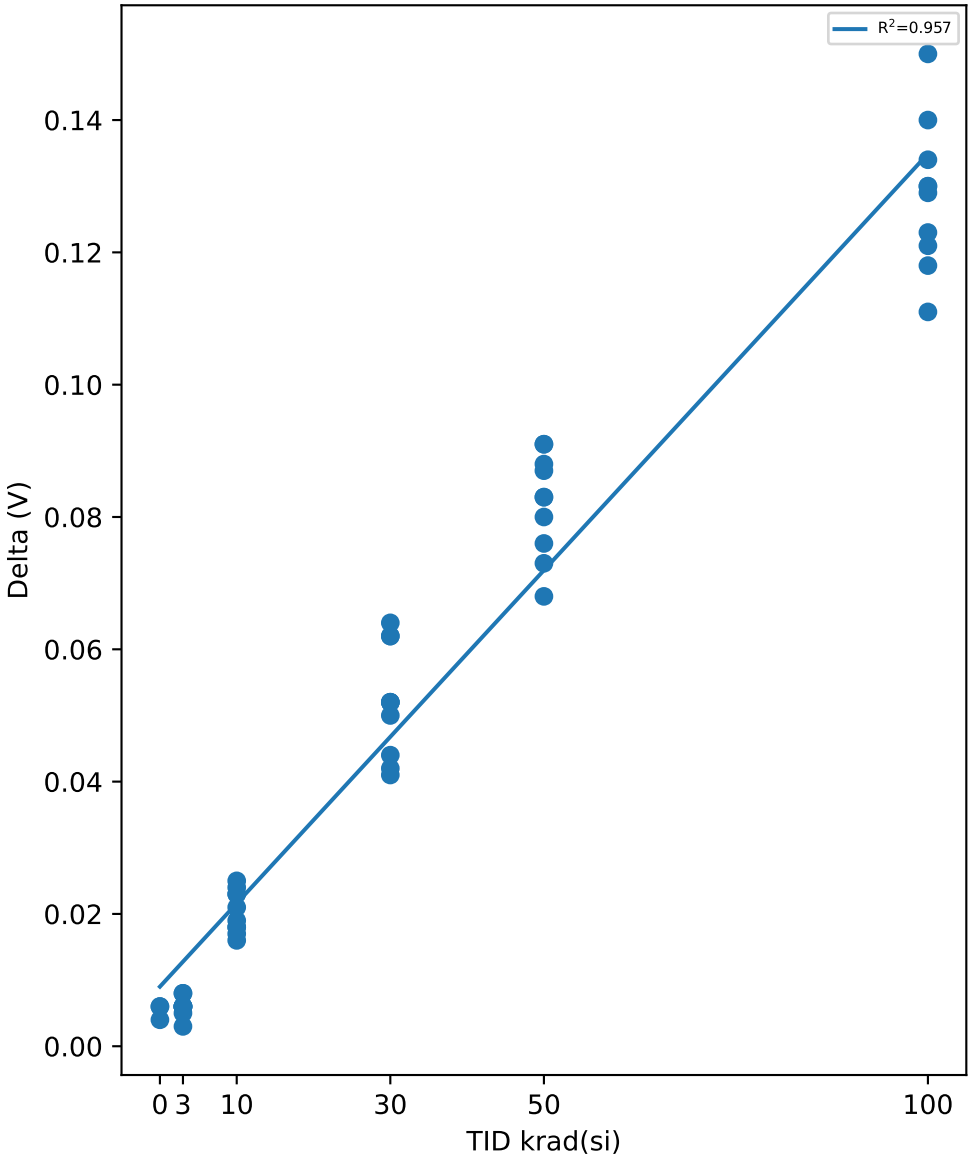
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.42	1.4347	1.449	0.014503	1.424	1.4393	1.455	0.015503	0.004	0.0046667	0.006	0.0011547
3	1.418	1.4387	1.466	0.01201	1.426	1.4446	1.472	0.011664	0.002	0.0059	0.008	0.0020248
10	1.404	1.4296	1.453	0.015211	1.422	1.4503	1.474	0.016187	-0.009	0.0207	0.051	0.014361
30	1.42	1.4284	1.443	0.0063979	1.468	1.4812	1.488	0.0064083	0.04	0.0528	0.064	0.0078003
50	1.393	1.4307	1.451	0.017569	1.47	1.5152	1.536	0.021704	0.072	0.0845	0.094	0.0075902
100	1.412	1.4322	1.463	0.016226	1.527	1.5665	1.608	0.02503	0.115	0.1343	0.159	0.014492

TID vs Result Stats



TID vs Post - Pre Exposure Delta



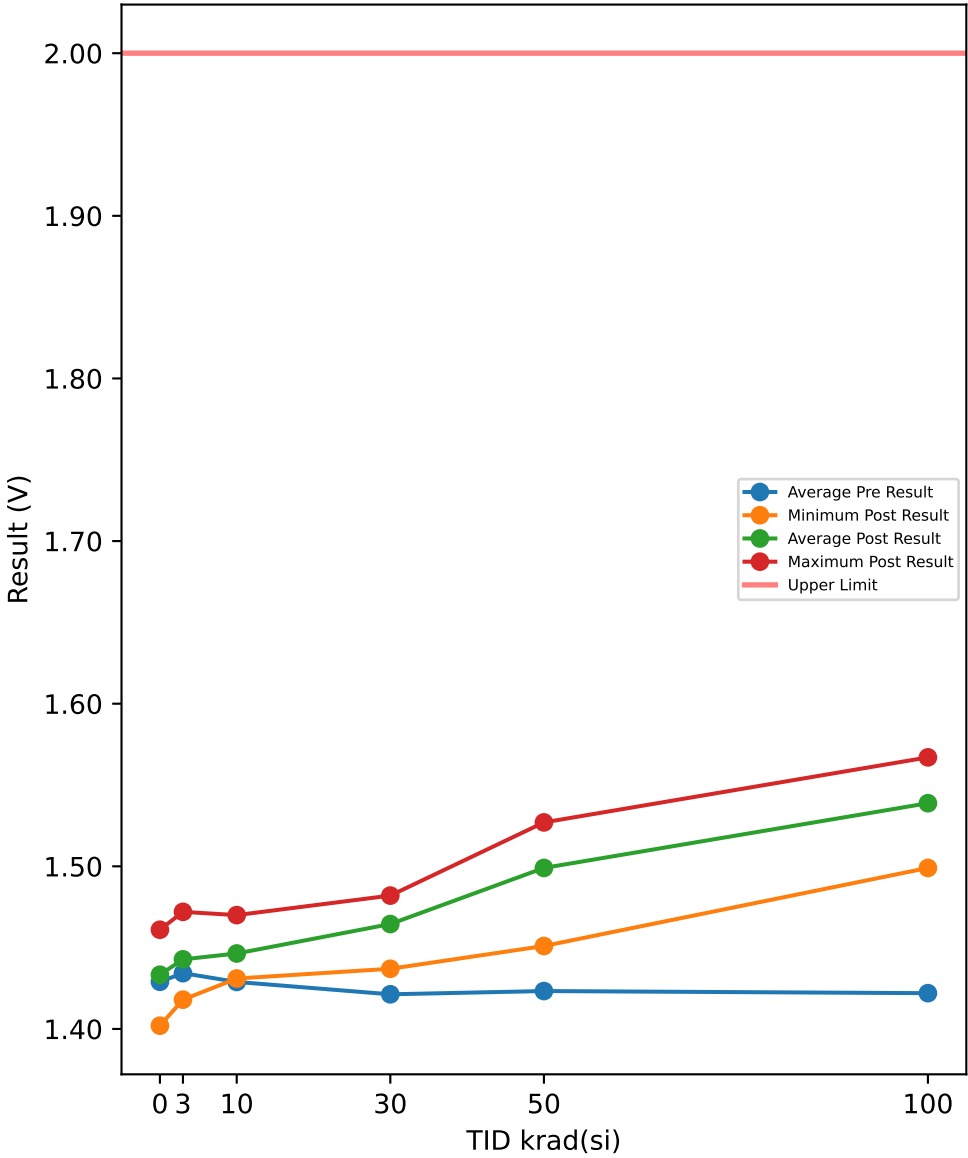
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.445	1.451	0.006
301	0	Correlation	1.416	1.422	0.006
302	0	Correlation	1.426	1.43	0.004
303	3	Bias	1.451	1.457	0.006
304	3	Bias	1.404	1.41	0.006
305	3	Bias	1.422	1.43	0.008
306	3	Bias	1.428	1.431	0.003
307	3	Bias	1.416	1.424	0.008
308	3	Unbiased	1.418	1.424	0.006
309	3	Unbiased	1.431	1.437	0.006
310	3	Unbiased	1.431	1.437	0.006
311	3	Unbiased	1.428	1.433	0.005
312	3	Unbiased	1.424	1.43	0.006
313	10	Bias	1.412	1.428	0.016
314	10	Bias	1.431	1.449	0.018
315	10	Bias	1.439	1.457	0.018
316	10	Bias	1.416	1.439	0.023
317	10	Bias	1.416	1.437	0.021
318	10	Unbiased	1.424	1.443	0.019
319	10	Unbiased	1.431	1.455	0.024
320	10	Unbiased	1.428	1.445	0.017
321	10	Unbiased	1.428	1.451	0.023
322	10	Unbiased	1.42	1.445	0.025
323	30	Bias	1.428	1.47	0.042
324	30	Bias	1.412	1.453	0.041
325	30	Bias	1.428	1.48	0.052
326	30	Bias	1.424	1.476	0.052
327	30	Bias	1.43	1.474	0.044
328	30	Unbiased	1.426	1.476	0.05
329	30	Unbiased	1.418	1.47	0.052
330	30	Unbiased	1.416	1.478	0.062
331	30	Unbiased	1.414	1.476	0.062
332	30	Unbiased	1.41	1.474	0.064
333	50	Bias	1.393	1.466	0.073
334	50	Bias	1.43	1.498	0.068
335	50	Bias	1.437	1.525	0.088
336	50	Bias	1.424	1.507	0.083
337	50	Bias	1.424	1.511	0.087
338	50	Unbiased	1.433	1.513	0.08
339	50	Unbiased	1.418	1.494	0.076
340	50	Unbiased	1.43	1.513	0.083
341	50	Unbiased	1.412	1.503	0.091
342	50	Unbiased	1.42	1.511	0.091
343	100	Bias	1.43	1.548	0.118
344	100	Bias	1.443	1.564	0.121
345	100	Bias	1.4	1.529	0.129
346	100	Bias	1.449	1.56	0.111
347	100	Bias	1.439	1.562	0.123
348	100	Unbiased	1.41	1.54	0.13
349	100	Unbiased	1.428	1.558	0.13
350	100	Unbiased	1.418	1.558	0.14
351	100	Unbiased	1.435	1.585	0.15
352	100	Unbiased	1.412	1.546	0.134

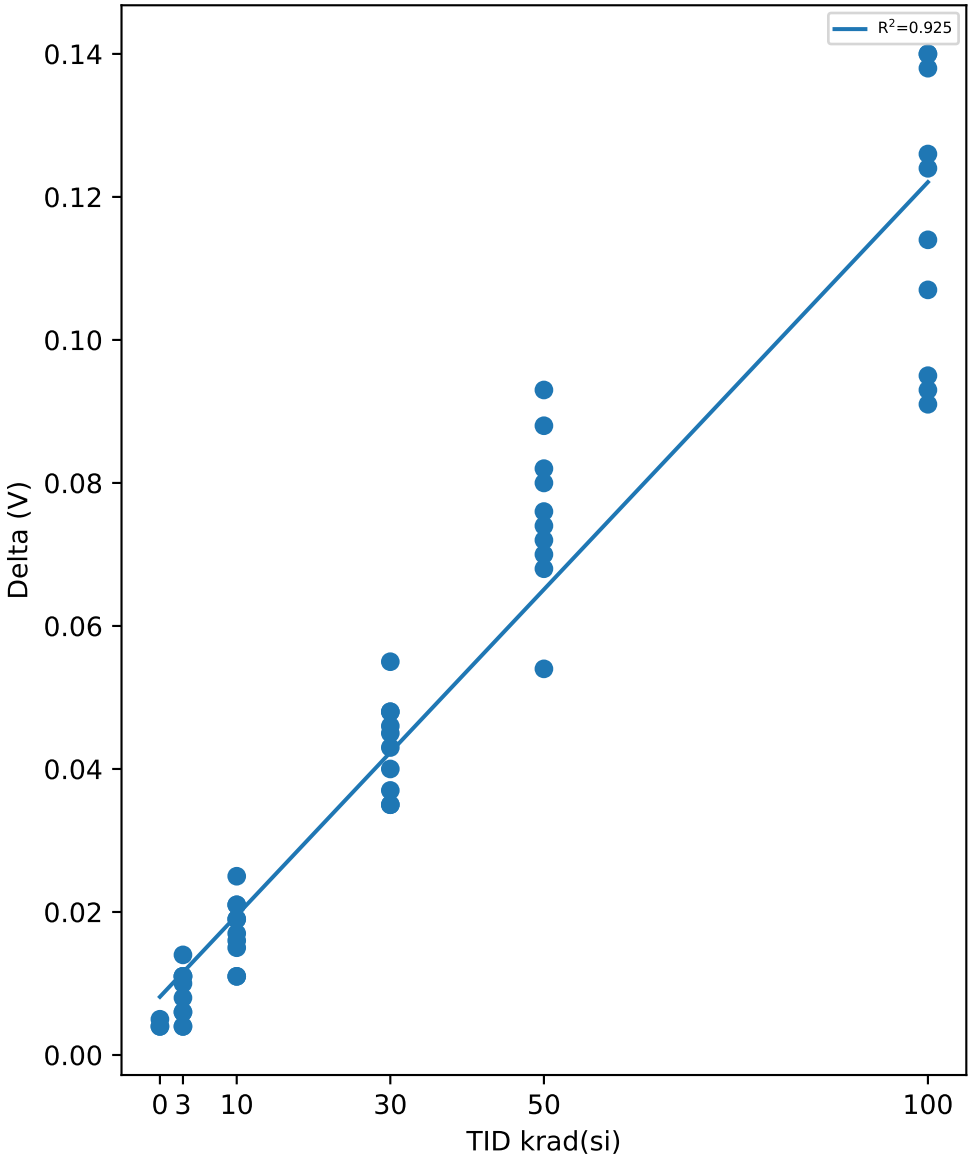
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.416	1.429	1.445	0.014731	1.422	1.4343	1.451	0.014978	0.004	0.0053333	0.006	0.0011547
3	1.404	1.4253	1.451	0.01223	1.41	1.4313	1.457	0.011982	0.003	0.006	0.008	0.0014142
10	1.412	1.4245	1.439	0.008436	1.428	1.4449	1.457	0.008749	0.016	0.0204	0.025	0.0032042
30	1.41	1.4206	1.43	0.0074267	1.453	1.4727	1.48	0.0076019	0.041	0.0521	0.064	0.0083858
50	1.393	1.4221	1.437	0.012662	1.466	1.5041	1.525	0.015954	0.068	0.082	0.091	0.0077603
100	1.4	1.4264	1.449	0.015911	1.529	1.555	1.585	0.01529	0.111	0.1286	0.15	0.011217

TID vs Result Stats



TID vs Post - Pre Exposure Delta



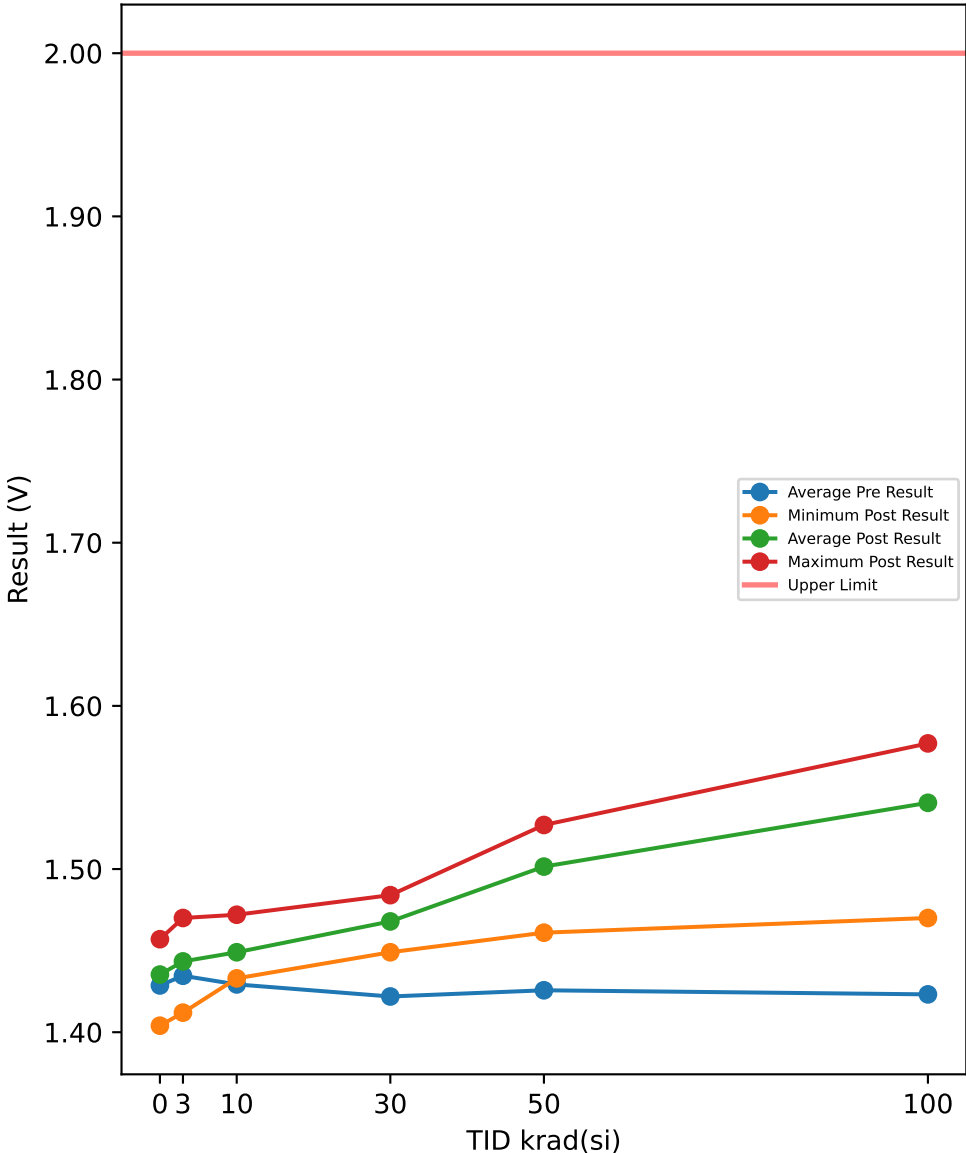
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.457	1.461	0.004
301	0	Correlation	1.433	1.437	0.004
302	0	Correlation	1.397	1.402	0.005
303	3	Bias	1.461	1.472	0.011
304	3	Bias	1.424	1.435	0.011
305	3	Bias	1.404	1.418	0.014
306	3	Bias	1.437	1.445	0.008
307	3	Bias	1.43	1.441	0.011
308	3	Unbiased	1.435	1.445	0.01
309	3	Unbiased	1.435	1.439	0.004
310	3	Unbiased	1.441	1.447	0.006
311	3	Unbiased	1.439	1.445	0.006
312	3	Unbiased	1.437	1.441	0.004
313	10	Bias	1.428	1.439	0.011
314	10	Bias	1.43	1.447	0.017
315	10	Bias	1.431	1.447	0.016
316	10	Bias	1.424	1.449	0.025
317	10	Bias	1.422	1.441	0.019
318	10	Unbiased	1.416	1.431	0.015
319	10	Unbiased	1.447	1.466	0.019
320	10	Unbiased	1.422	1.433	0.011
321	10	Unbiased	1.42	1.441	0.021
322	10	Unbiased	1.449	1.47	0.021
323	30	Bias	1.443	1.48	0.037
324	30	Bias	1.424	1.459	0.035
325	30	Bias	1.397	1.437	0.04
326	30	Bias	1.43	1.476	0.046
327	30	Bias	1.443	1.478	0.035
328	30	Unbiased	1.41	1.453	0.043
329	30	Unbiased	1.437	1.482	0.045
330	30	Unbiased	1.397	1.445	0.048
331	30	Unbiased	1.426	1.474	0.048
332	30	Unbiased	1.406	1.461	0.055
333	50	Bias	1.397	1.465	0.068
334	50	Bias	1.397	1.451	0.054
335	50	Bias	1.445	1.527	0.082
336	50	Bias	1.443	1.517	0.074
337	50	Bias	1.416	1.492	0.076
338	50	Unbiased	1.447	1.519	0.072
339	50	Unbiased	1.398	1.468	0.07
340	50	Unbiased	1.433	1.513	0.08
341	50	Unbiased	1.431	1.519	0.088
342	50	Unbiased	1.426	1.519	0.093
343	100	Bias	1.408	1.499	0.091
344	100	Bias	1.42	1.513	0.093
345	100	Bias	1.42	1.534	0.114
346	100	Bias	1.453	1.548	0.095
347	100	Bias	1.408	1.546	0.138
348	100	Unbiased	1.424	1.564	0.14
349	100	Unbiased	1.441	1.548	0.107
350	100	Unbiased	1.428	1.552	0.124
351	100	Unbiased	1.441	1.567	0.126
352	100	Unbiased	1.377	1.517	0.14

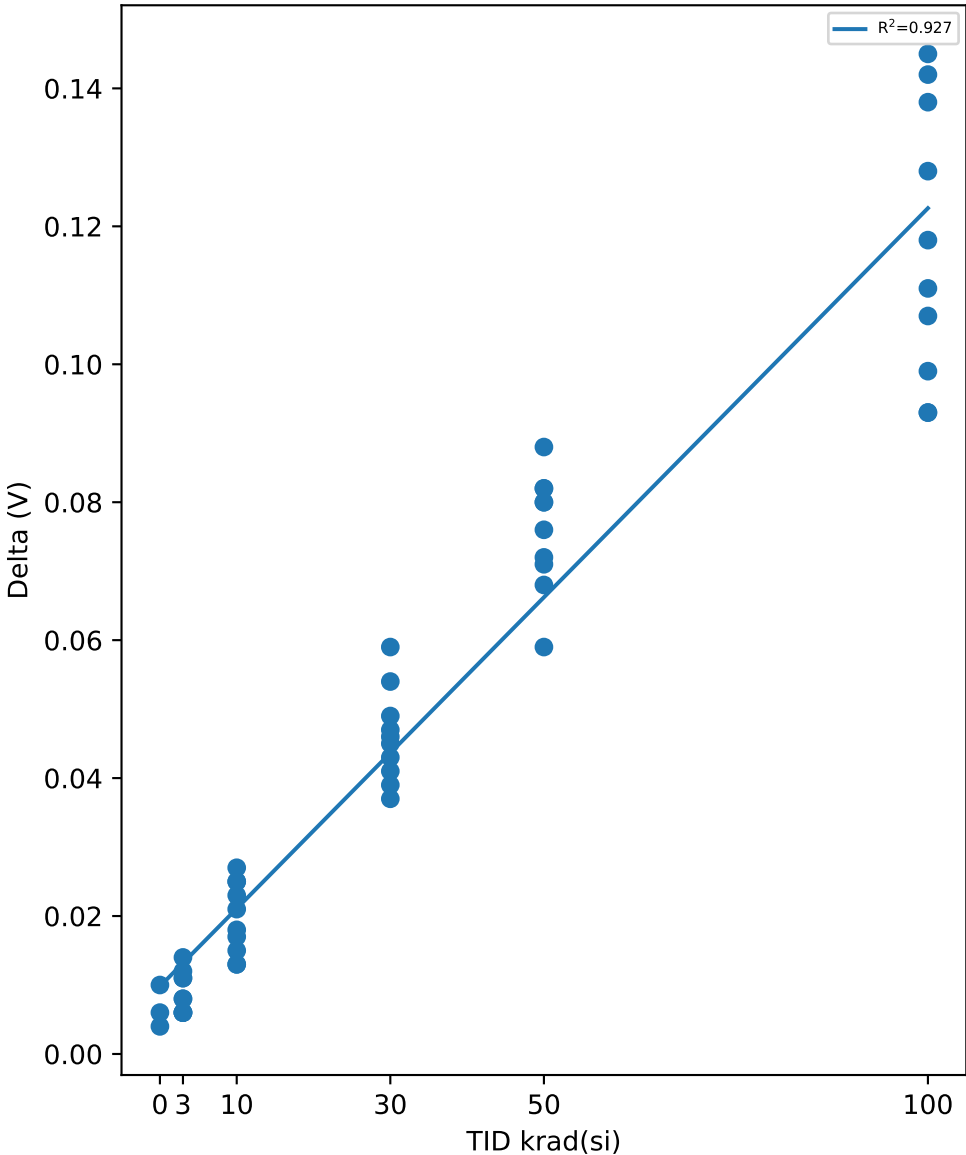
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.397	1.429	1.457	0.030199	1.402	1.4333	1.461	0.02967	0.004	0.0043333	0.005	0.00057735
3	1.404	1.4343	1.461	0.014291	1.418	1.4428	1.472	0.013256	0.004	0.0085	0.014	0.0034075
10	1.416	1.4289	1.449	0.01107	1.431	1.4464	1.47	0.012817	0.011	0.0175	0.025	0.0044535
30	1.397	1.4213	1.443	0.017752	1.437	1.4645	1.482	0.015855	0.035	0.0432	0.055	0.0064944
50	1.397	1.4233	1.447	0.020161	1.451	1.499	1.527	0.027837	0.054	0.0757	0.093	0.010995
100	1.377	1.422	1.453	0.021468	1.499	1.5388	1.567	0.022543	0.091	0.1168	0.14	0.019646

TID vs Result Stats



TID vs Post - Pre Exposure Delta



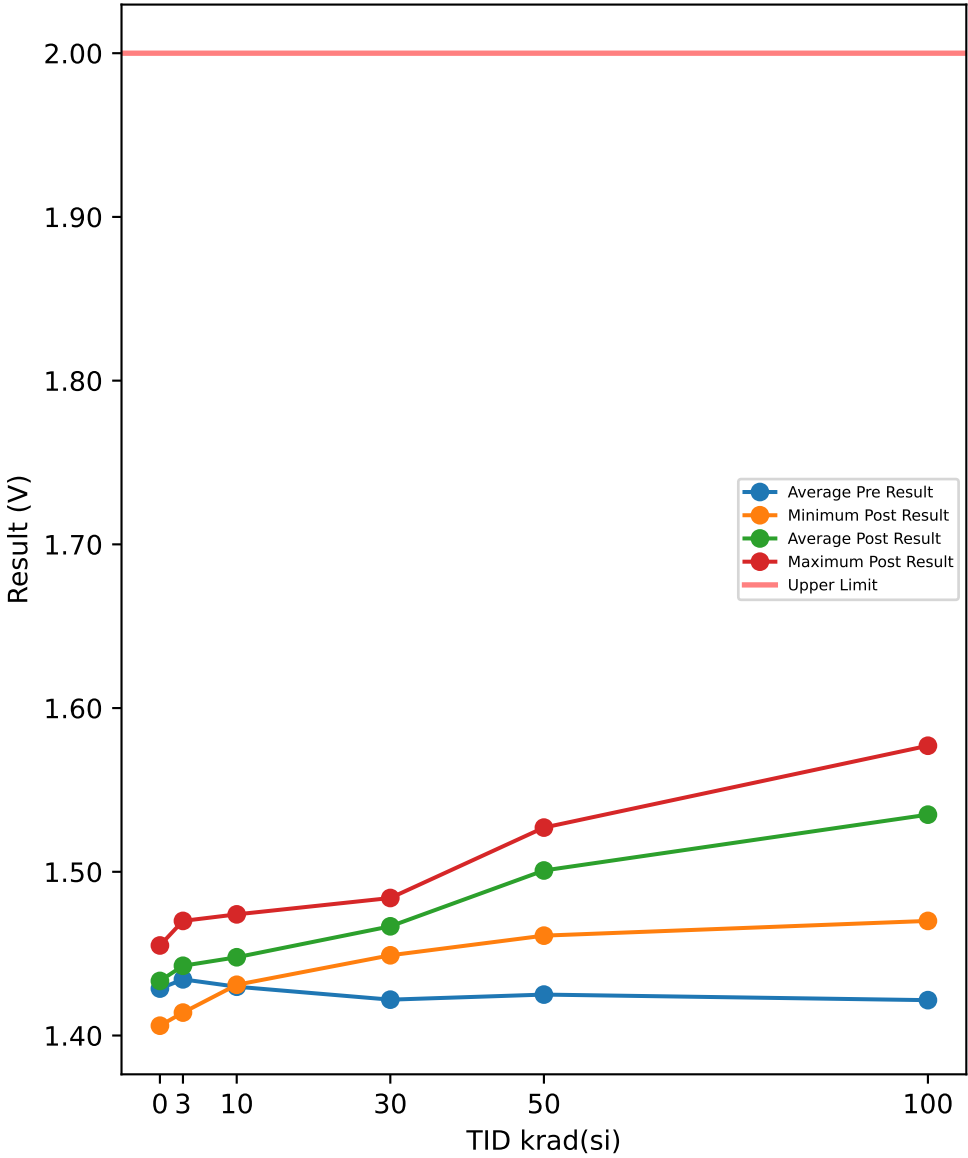
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.451	1.457	0.006
301	0	Correlation	1.435	1.445	0.01
302	0	Correlation	1.4	1.404	0.004
303	3	Bias	1.459	1.47	0.011
304	3	Bias	1.428	1.439	0.011
305	3	Bias	1.398	1.412	0.014
306	3	Bias	1.439	1.447	0.008
307	3	Bias	1.433	1.441	0.008
308	3	Unbiased	1.441	1.447	0.006
309	3	Unbiased	1.433	1.439	0.006
310	3	Unbiased	1.439	1.451	0.012
311	3	Unbiased	1.439	1.445	0.006
312	3	Unbiased	1.437	1.443	0.006
313	10	Bias	1.428	1.441	0.013
314	10	Bias	1.433	1.451	0.018
315	10	Bias	1.43	1.445	0.015
316	10	Bias	1.426	1.449	0.023
317	10	Bias	1.422	1.447	0.025
318	10	Unbiased	1.416	1.433	0.017
319	10	Unbiased	1.447	1.472	0.025
320	10	Unbiased	1.424	1.437	0.013
321	10	Unbiased	1.416	1.443	0.027
322	10	Unbiased	1.451	1.472	0.021
323	30	Bias	1.443	1.482	0.039
324	30	Bias	1.424	1.461	0.037
325	30	Bias	1.404	1.449	0.045
326	30	Bias	1.43	1.476	0.046
327	30	Bias	1.435	1.476	0.041
328	30	Unbiased	1.41	1.453	0.043
329	30	Unbiased	1.435	1.482	0.047
330	30	Unbiased	1.402	1.451	0.049
331	30	Unbiased	1.43	1.484	0.054
332	30	Unbiased	1.406	1.465	0.059
333	50	Bias	1.398	1.466	0.068
334	50	Bias	1.402	1.461	0.059
335	50	Bias	1.445	1.527	0.082
336	50	Bias	1.445	1.521	0.076
337	50	Bias	1.418	1.498	0.08
338	50	Unbiased	1.449	1.521	0.072
339	50	Unbiased	1.397	1.468	0.071
340	50	Unbiased	1.433	1.515	0.082
341	50	Unbiased	1.433	1.521	0.088
342	50	Unbiased	1.437	1.517	0.08
343	100	Bias	1.418	1.529	0.111
344	100	Bias	1.428	1.527	0.099
345	100	Bias	1.42	1.538	0.118
346	100	Bias	1.455	1.562	0.107
347	100	Bias	1.406	1.499	0.093
348	100	Unbiased	1.426	1.571	0.145
349	100	Unbiased	1.435	1.577	0.142
350	100	Unbiased	1.428	1.556	0.128
351	100	Unbiased	1.439	1.577	0.138
352	100	Unbiased	1.377	1.47	0.093

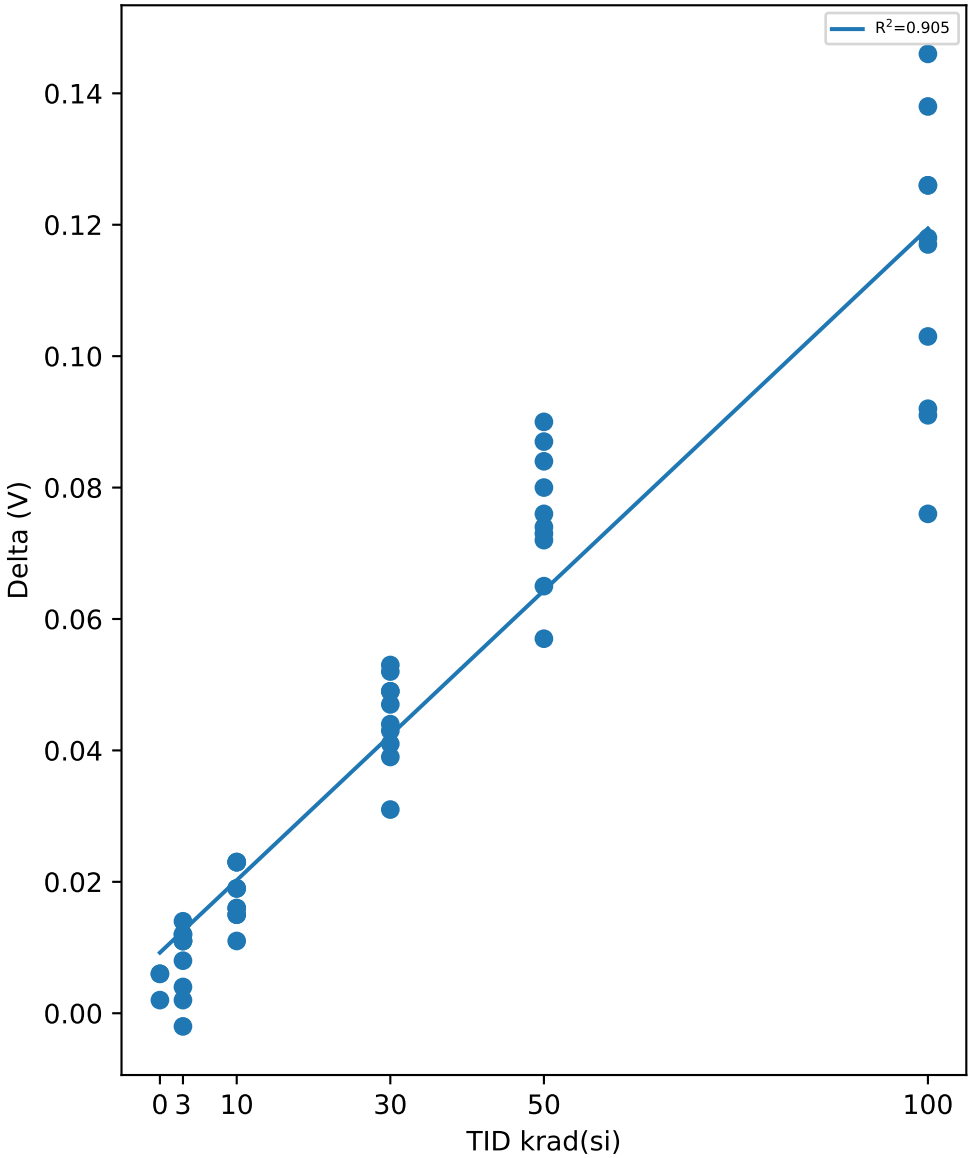
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.4	1.4287	1.451	0.026083	1.404	1.4353	1.457	0.027791	0.004	0.0066667	0.01	0.0030551
3	1.398	1.4346	1.459	0.015233	1.412	1.4434	1.47	0.014238	0.006	0.0088	0.014	0.002974
10	1.416	1.4293	1.451	0.011767	1.433	1.449	1.472	0.013258	0.013	0.0197	0.027	0.0052079
30	1.402	1.4219	1.443	0.015037	1.449	1.4679	1.484	0.01378	0.037	0.046	0.059	0.006733
50	1.397	1.4257	1.449	0.020369	1.461	1.5015	1.527	0.026349	0.059	0.0758	0.088	0.0084433
100	1.377	1.4232	1.455	0.020874	1.47	1.5406	1.577	0.03545	0.093	0.1174	0.145	0.019951

TID vs Result Stats



TID vs Post - Pre Exposure Delta



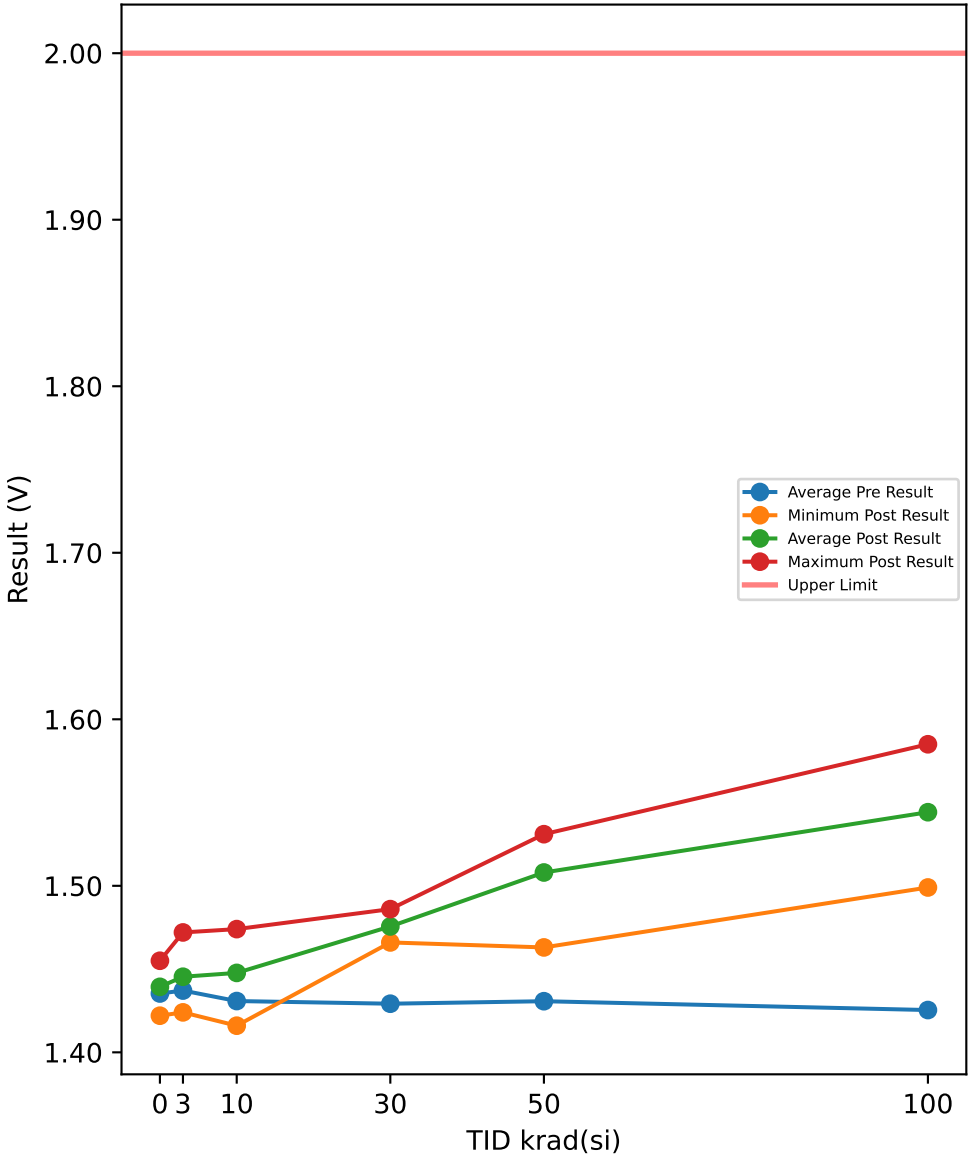
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.449	1.455	0.006
301	0	Correlation	1.437	1.439	0.002
302	0	Correlation	1.4	1.406	0.006
303	3	Bias	1.459	1.47	0.011
304	3	Bias	1.428	1.439	0.011
305	3	Bias	1.4	1.414	0.014
306	3	Bias	1.437	1.449	0.012
307	3	Bias	1.43	1.441	0.011
308	3	Unbiased	1.433	1.445	0.012
309	3	Unbiased	1.439	1.437	-0.002
310	3	Unbiased	1.443	1.445	0.002
311	3	Unbiased	1.437	1.445	0.008
312	3	Unbiased	1.437	1.441	0.004
313	10	Bias	1.426	1.441	0.015
314	10	Bias	1.433	1.449	0.016
315	10	Bias	1.431	1.447	0.016
316	10	Bias	1.426	1.445	0.019
317	10	Bias	1.424	1.443	0.019
318	10	Unbiased	1.416	1.439	0.023
319	10	Unbiased	1.453	1.468	0.015
320	10	Unbiased	1.42	1.431	0.011
321	10	Unbiased	1.418	1.441	0.023
322	10	Unbiased	1.451	1.474	0.023
323	30	Bias	1.443	1.484	0.041
324	30	Bias	1.43	1.461	0.031
325	30	Bias	1.404	1.453	0.049
326	30	Bias	1.43	1.474	0.044
327	30	Bias	1.435	1.474	0.039
328	30	Unbiased	1.41	1.453	0.043
329	30	Unbiased	1.433	1.48	0.047
330	30	Unbiased	1.4	1.449	0.049
331	30	Unbiased	1.428	1.48	0.052
332	30	Unbiased	1.406	1.459	0.053
333	50	Bias	1.398	1.463	0.065
334	50	Bias	1.404	1.461	0.057
335	50	Bias	1.447	1.527	0.08
336	50	Bias	1.443	1.517	0.074
337	50	Bias	1.414	1.49	0.076
338	50	Unbiased	1.449	1.521	0.072
339	50	Unbiased	1.393	1.466	0.073
340	50	Unbiased	1.435	1.519	0.084
341	50	Unbiased	1.437	1.527	0.09
342	50	Unbiased	1.43	1.517	0.087
343	100	Bias	1.414	1.49	0.076
344	100	Bias	1.428	1.554	0.126
345	100	Bias	1.418	1.564	0.146
346	100	Bias	1.451	1.554	0.103
347	100	Bias	1.398	1.49	0.092
348	100	Unbiased	1.426	1.544	0.118
349	100	Unbiased	1.435	1.552	0.117
350	100	Unbiased	1.428	1.554	0.126
351	100	Unbiased	1.439	1.577	0.138
352	100	Unbiased	1.379	1.47	0.091

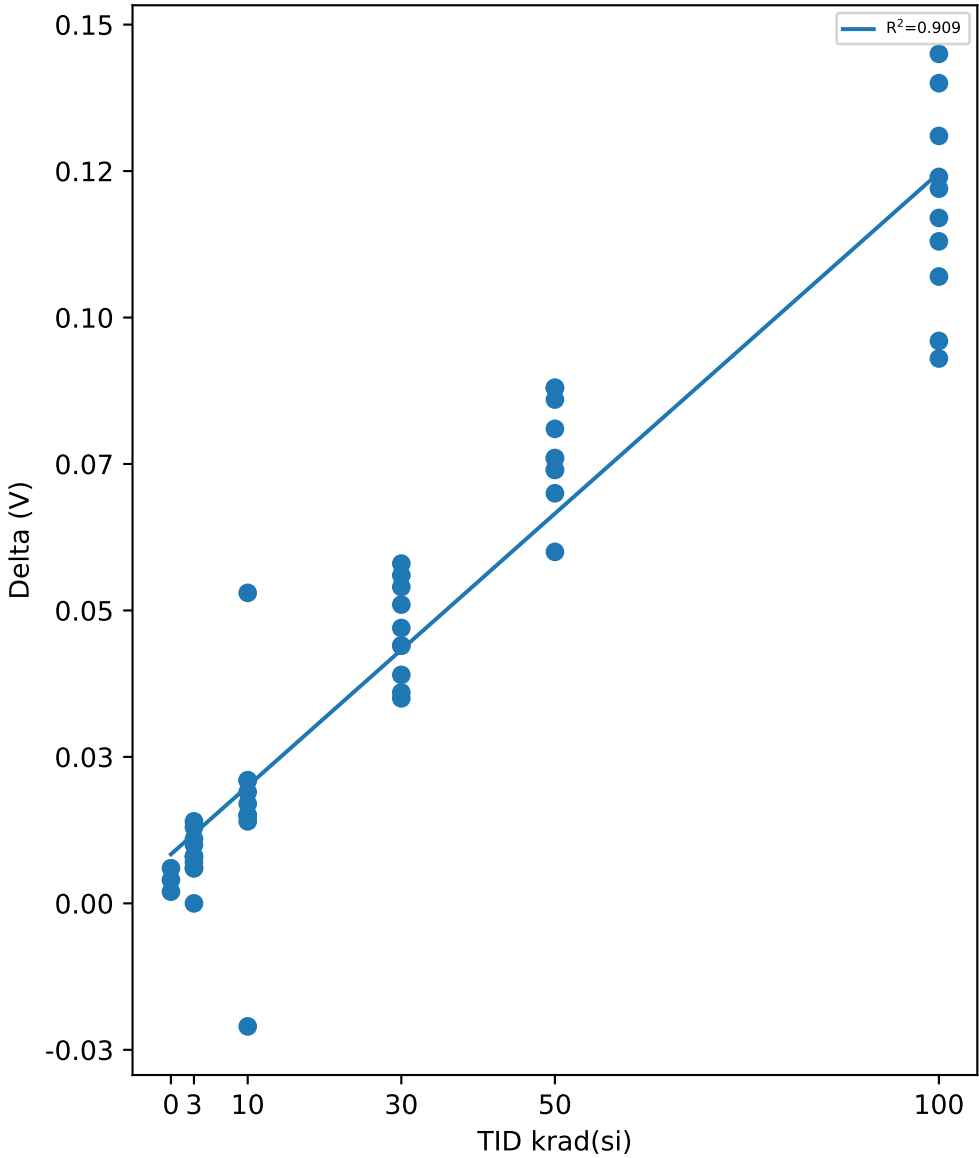
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.4	1.4287	1.449	0.025541	1.406	1.4333	1.455	0.024987	0.002	0.0046667	0.006	0.0023094
3	1.4	1.4343	1.459	0.01478	1.414	1.4426	1.47	0.013648	-0.002	0.0083	0.014	0.0052292
10	1.416	1.4298	1.453	0.012856	1.431	1.4478	1.474	0.013248	0.011	0.018	0.023	0.0041096
30	1.4	1.4219	1.443	0.015286	1.449	1.4667	1.484	0.013081	0.031	0.0448	0.053	0.00668
50	1.393	1.425	1.449	0.020997	1.461	1.5008	1.527	0.027844	0.057	0.0758	0.09	0.010042
100	1.379	1.4216	1.451	0.020791	1.47	1.5349	1.577	0.037018	0.076	0.1133	0.146	0.022326

TID vs Result Stats



TID vs Post - Pre Exposure Delta



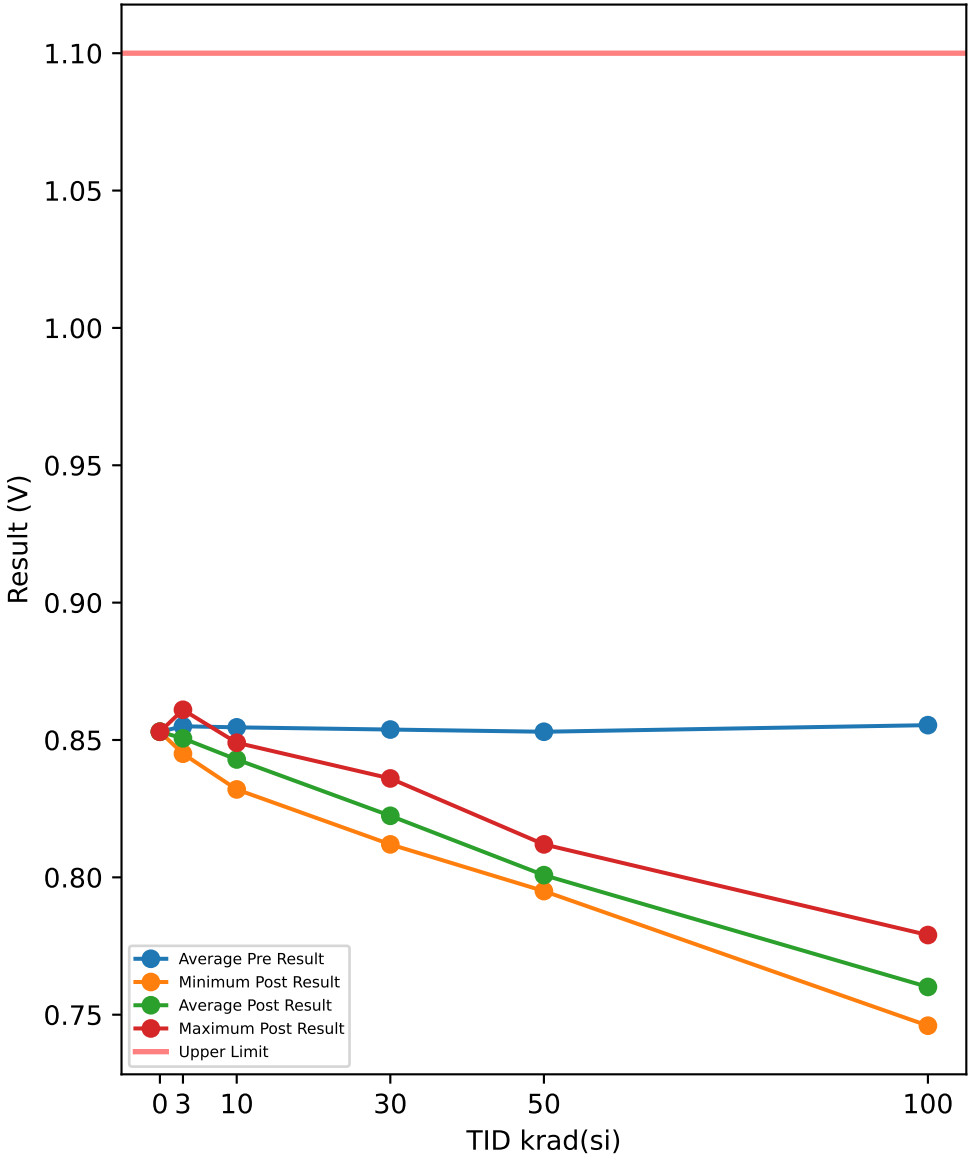
Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.449	1.455	0.006
301	0	Correlation	1.439	1.441	0.002
302	0	Correlation	1.418	1.422	0.004
303	3	Bias	1.461	1.472	0.011
304	3	Bias	1.43	1.437	0.007
305	3	Bias	1.41	1.424	0.014
306	3	Bias	1.437	1.445	0.008
307	3	Bias	1.43	1.443	0.013
308	3	Unbiased	1.439	1.449	0.01
309	3	Unbiased	1.439	1.439	0
310	3	Unbiased	1.441	1.447	0.006
311	3	Unbiased	1.441	1.449	0.008
312	3	Unbiased	1.443	1.449	0.006
313	10	Bias	1.426	1.441	0.015
314	10	Bias	1.447	1.461	0.014
315	10	Bias	1.422	1.437	0.015
316	10	Bias	1.42	1.441	0.021
317	10	Bias	1.416	1.435	0.019
318	10	Unbiased	1.428	1.445	0.017
319	10	Unbiased	1.459	1.474	0.015
320	10	Unbiased	1.437	1.416	-0.021
321	10	Unbiased	1.4	1.453	0.053
322	10	Unbiased	1.453	1.474	0.021
323	30	Bias	1.449	1.484	0.035
324	30	Bias	1.43	1.466	0.036
325	30	Bias	1.426	1.47	0.044
326	30	Bias	1.435	1.486	0.051
327	30	Bias	1.431	1.47	0.039
328	30	Unbiased	1.426	1.47	0.044
329	30	Unbiased	1.431	1.478	0.047
330	30	Unbiased	1.418	1.476	0.058
331	30	Unbiased	1.426	1.48	0.054
332	30	Unbiased	1.42	1.476	0.056
333	50	Bias	1.393	1.463	0.07
334	50	Bias	1.422	1.482	0.06
335	50	Bias	1.445	1.531	0.086
336	50	Bias	1.441	1.517	0.076
337	50	Bias	1.416	1.49	0.074
338	50	Unbiased	1.453	1.527	0.074
339	50	Unbiased	1.418	1.499	0.081
340	50	Unbiased	1.449	1.525	0.076
341	50	Unbiased	1.433	1.521	0.088
342	50	Unbiased	1.437	1.525	0.088
343	100	Bias	1.406	1.499	0.093
344	100	Bias	1.431	1.527	0.096
345	100	Bias	1.418	1.542	0.124
346	100	Bias	1.455	1.562	0.107
347	100	Bias	1.395	1.54	0.145
348	100	Unbiased	1.43	1.552	0.122
349	100	Unbiased	1.435	1.552	0.117
350	100	Unbiased	1.431	1.562	0.131
351	100	Unbiased	1.445	1.585	0.14
352	100	Unbiased	1.408	1.521	0.113

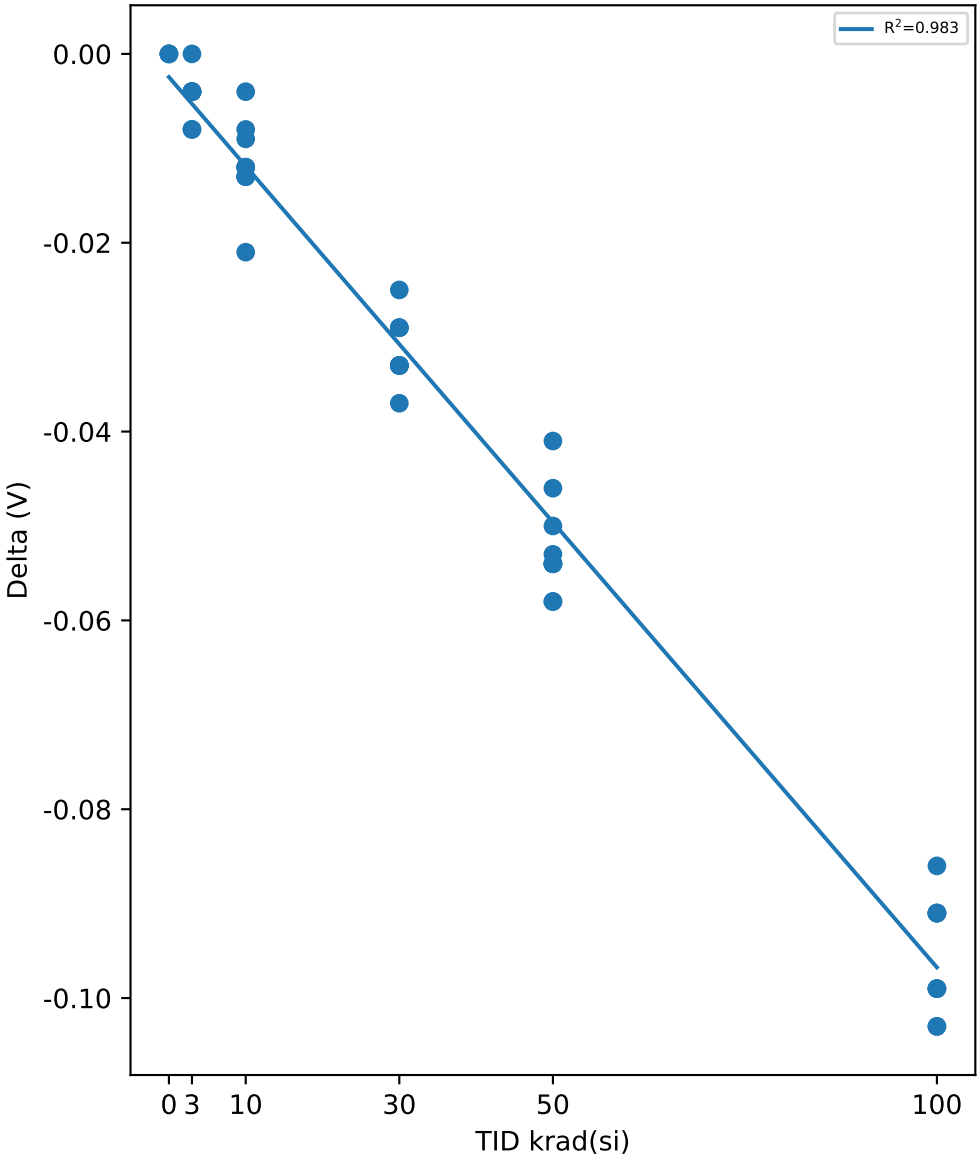
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.418	1.4353	1.449	0.015822	1.422	1.4393	1.455	0.016563	0.002	0.004	0.006	0.002
3	1.41	1.4371	1.461	0.012819	1.424	1.4454	1.472	0.012131	0	0.0083	0.014	0.0040291
10	1.4	1.4308	1.459	0.018201	1.416	1.4477	1.474	0.018154	-0.021	0.0169	0.053	0.017629
30	1.418	1.4292	1.449	0.0086513	1.466	1.4756	1.486	0.0065862	0.035	0.0464	0.058	0.0082354
50	1.393	1.4307	1.453	0.018445	1.463	1.508	1.531	0.023152	0.06	0.0773	0.088	0.0087946
100	1.395	1.4254	1.455	0.018542	1.499	1.5442	1.585	0.024312	0.093	0.1188	0.145	0.017268

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 1.1 (V))

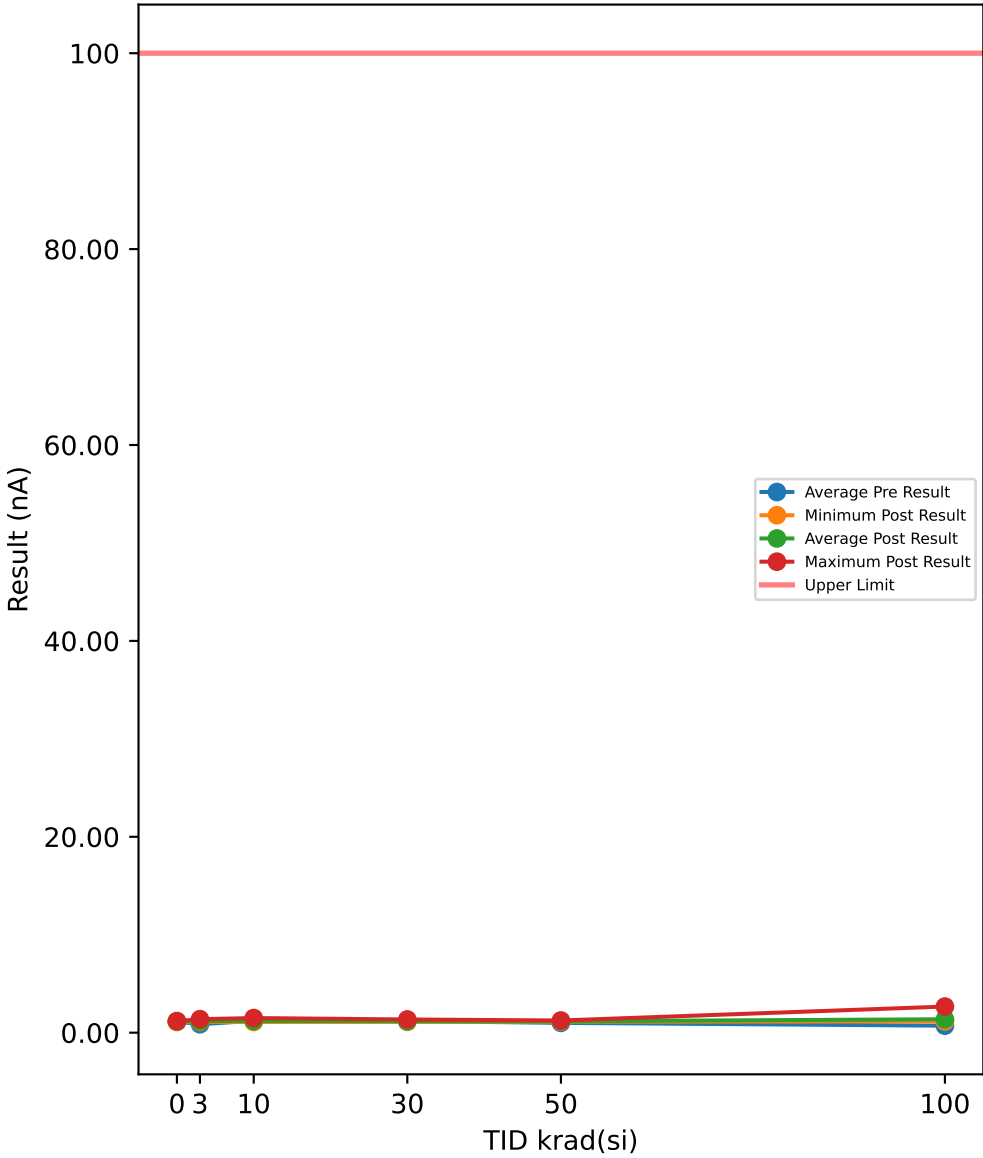
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.853	0.853	0
301	0	Correlation	0.853	0.853	0
302	0	Correlation	0.853	0.853	0
303	3	Bias	0.853	0.849	-0.004
304	3	Bias	0.853	0.845	-0.008
305	3	Bias	0.865	0.861	-0.004
306	3	Bias	0.857	0.853	-0.004
307	3	Bias	0.857	0.853	-0.004
308	3	Unbiased	0.861	0.853	-0.008
309	3	Unbiased	0.857	0.853	-0.004
310	3	Unbiased	0.853	0.849	-0.004
311	3	Unbiased	0.849	0.845	-0.004
312	3	Unbiased	0.845	0.845	0
313	10	Bias	0.861	0.849	-0.012
314	10	Bias	0.853	0.84	-0.013
315	10	Bias	0.857	0.845	-0.012
316	10	Bias	0.849	0.84	-0.009
317	10	Bias	0.861	0.849	-0.012
318	10	Unbiased	0.845	0.832	-0.013
319	10	Unbiased	0.857	0.849	-0.008
320	10	Unbiased	0.853	0.849	-0.004
321	10	Unbiased	0.861	0.84	-0.021
322	10	Unbiased	0.849	0.836	-0.013
323	30	Bias	0.857	0.828	-0.029
324	30	Bias	0.849	0.82	-0.029
325	30	Bias	0.849	0.812	-0.037
326	30	Bias	0.853	0.82	-0.033
327	30	Bias	0.861	0.828	-0.033
328	30	Unbiased	0.849	0.82	-0.029
329	30	Unbiased	0.861	0.836	-0.025
330	30	Unbiased	0.849	0.816	-0.033
331	30	Unbiased	0.857	0.824	-0.033
332	30	Unbiased	0.853	0.82	-0.033
333	50	Bias	0.853	0.812	-0.041
334	50	Bias	0.849	0.799	-0.05
335	50	Bias	0.853	0.795	-0.058
336	50	Bias	0.857	0.803	-0.054
337	50	Bias	0.857	0.803	-0.054
338	50	Unbiased	0.849	0.803	-0.046
339	50	Unbiased	0.849	0.795	-0.054
340	50	Unbiased	0.849	0.795	-0.054
341	50	Unbiased	0.861	0.808	-0.053
342	50	Unbiased	0.853	0.795	-0.058
343	100	Bias	0.857	0.766	-0.091
344	100	Bias	0.857	0.766	-0.091
345	100	Bias	0.853	0.754	-0.099
346	100	Bias	0.853	0.754	-0.099
347	100	Bias	0.853	0.762	-0.091
348	100	Unbiased	0.857	0.766	-0.091
349	100	Unbiased	0.865	0.779	-0.086
350	100	Unbiased	0.849	0.746	-0.103
351	100	Unbiased	0.853	0.75	-0.103
352	100	Unbiased	0.857	0.758	-0.099

Test Statistics (V)

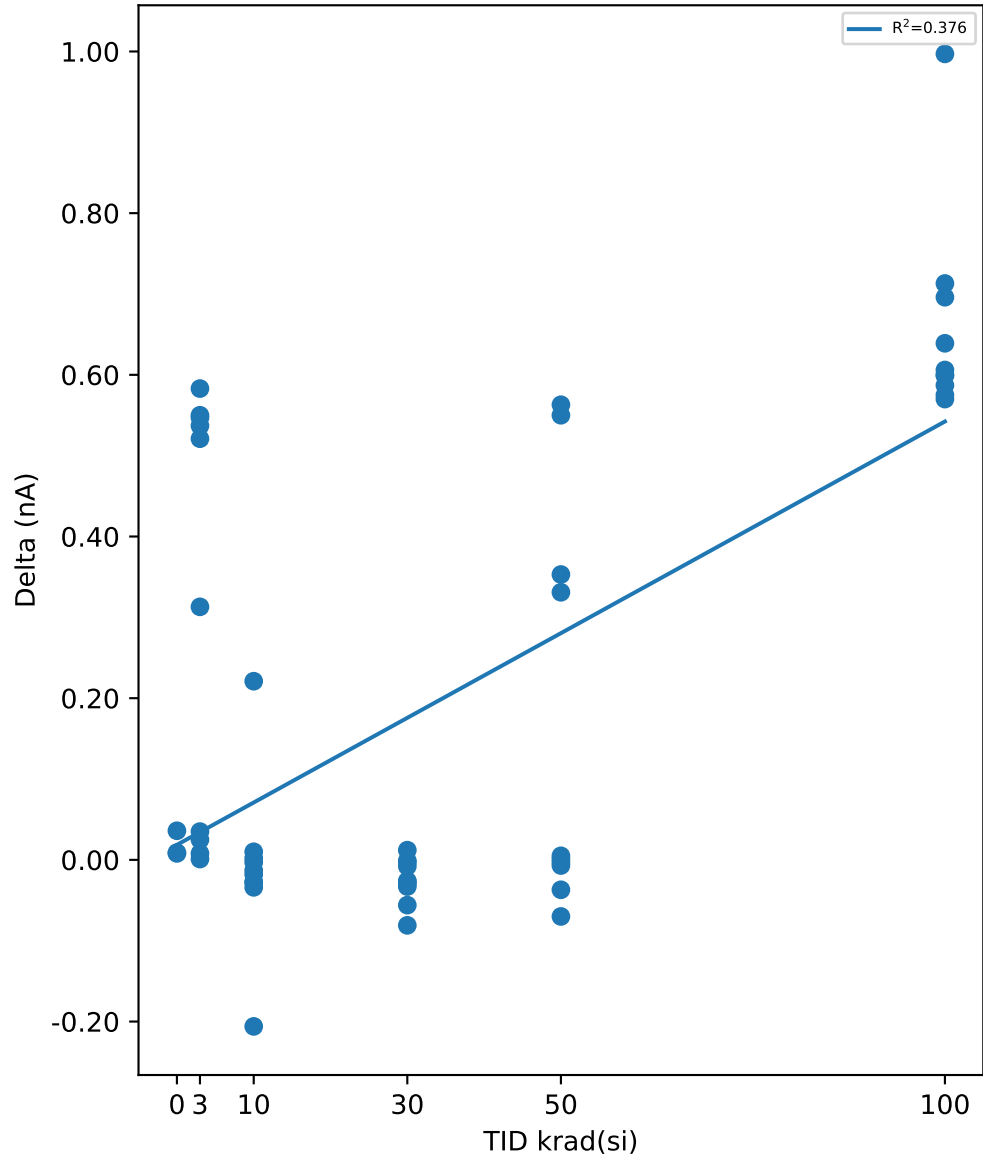
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.853	0.853	0.853	0	0.853	0.853	0.853	0	0	0	0	0
3	0.845	0.855	0.865	0.0057349	0.845	0.8506	0.861	0.0050596	-0.008	-0.0044	0	0.0022706
10	0.845	0.8546	0.861	0.0057194	0.832	0.8429	0.849	0.0061905	-0.021	-0.0117	-0.004	0.0043729
30	0.849	0.8538	0.861	0.0049171	0.812	0.8224	0.836	0.0068508	-0.037	-0.0314	-0.025	0.0033731
50	0.849	0.853	0.861	0.0042164	0.795	0.8008	0.812	0.0060516	-0.058	-0.0522	-0.041	0.0052662
100	0.849	0.8554	0.865	0.0042999	0.746	0.7601	0.779	0.0096891	-0.103	-0.0953	-0.086	0.0059638

Device Test: 6.15 ; ILKG_SR_UVLO

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 100.0 (nA))

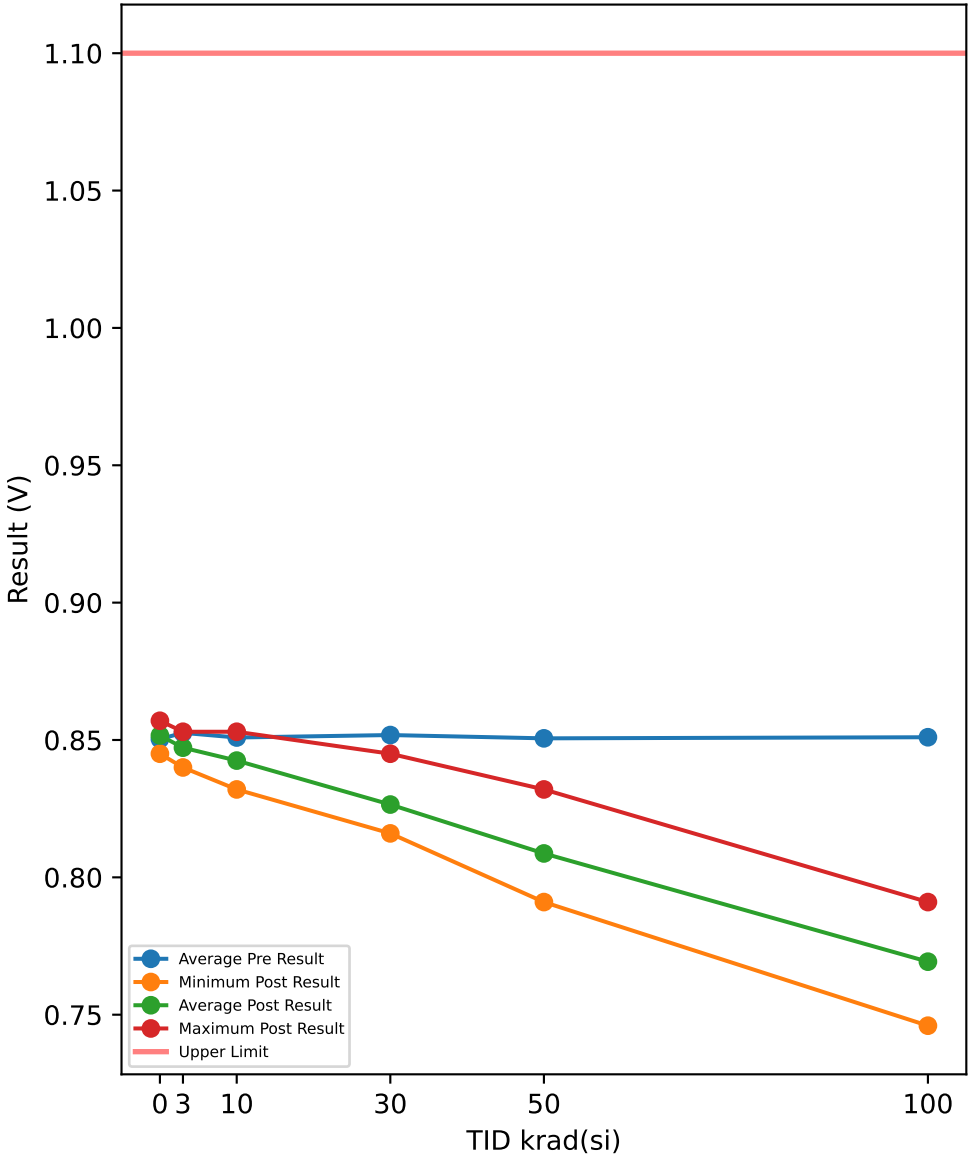
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.174	1.183	0.009
301	0	Correlation	1.089	1.097	0.008
302	0	Correlation	1.125	1.161	0.036
303	3	Bias	0.83	1.38	0.55
304	3	Bias	0.804	1.117	0.313
305	3	Bias	0.593	1.114	0.521
306	3	Bias	0.604	1.141	0.537
307	3	Bias	0.565	1.148	0.583
308	3	Unbiased	0.721	1.268	0.547
309	3	Unbiased	1.103	1.138	0.035
310	3	Unbiased	1.093	1.101	0.008
311	3	Unbiased	1.181	1.182	0.001
312	3	Unbiased	1.137	1.162	0.025
313	10	Bias	1.178	1.165	-0.013
314	10	Bias	1.495	1.497	0.002
315	10	Bias	1.226	1.192	-0.034
316	10	Bias	1.119	1.091	-0.028
317	10	Bias	1.171	1.144	-0.027
318	10	Unbiased	1.186	1.183	-0.003
319	10	Unbiased	1.108	1.09	-0.018
320	10	Unbiased	1.352	1.146	-0.206
321	10	Unbiased	1.15	1.371	0.221
322	10	Unbiased	1.159	1.169	0.01
323	30	Bias	1.148	1.122	-0.026
324	30	Bias	1.338	1.35	0.012
325	30	Bias	1.176	1.149	-0.027
326	30	Bias	1.177	1.147	-0.03
327	30	Bias	1.163	1.16	-0.003
328	30	Unbiased	1.242	1.209	-0.033
329	30	Unbiased	1.194	1.138	-0.056
330	30	Unbiased	1.159	1.151	-0.008
331	30	Unbiased	1.14	1.139	-0.001
332	30	Unbiased	1.187	1.106	-0.081
333	50	Bias	1.258	1.188	-0.07
334	50	Bias	1.182	1.145	-0.037
335	50	Bias	1.128	1.129	0.001
336	50	Bias	1.143	1.136	-0.007
337	50	Bias	1.166	1.163	-0.003
338	50	Unbiased	1.22	1.225	0.005
339	50	Unbiased	0.695	1.245	0.55
340	50	Unbiased	0.768	1.121	0.353
341	50	Unbiased	0.853	1.184	0.331
342	50	Unbiased	0.592	1.155	0.563
343	100	Bias	0.574	1.149	0.575
344	100	Bias	0.58	1.18	0.6
345	100	Bias	1.671	2.668	0.997
346	100	Bias	0.641	1.337	0.696
347	100	Bias	0.666	1.272	0.606
348	100	Unbiased	0.633	1.203	0.57
349	100	Unbiased	0.602	1.201	0.599
350	100	Unbiased	0.546	1.259	0.713
351	100	Unbiased	0.621	1.208	0.587
352	100	Unbiased	0.61	1.249	0.639

Test Statistics (nA)

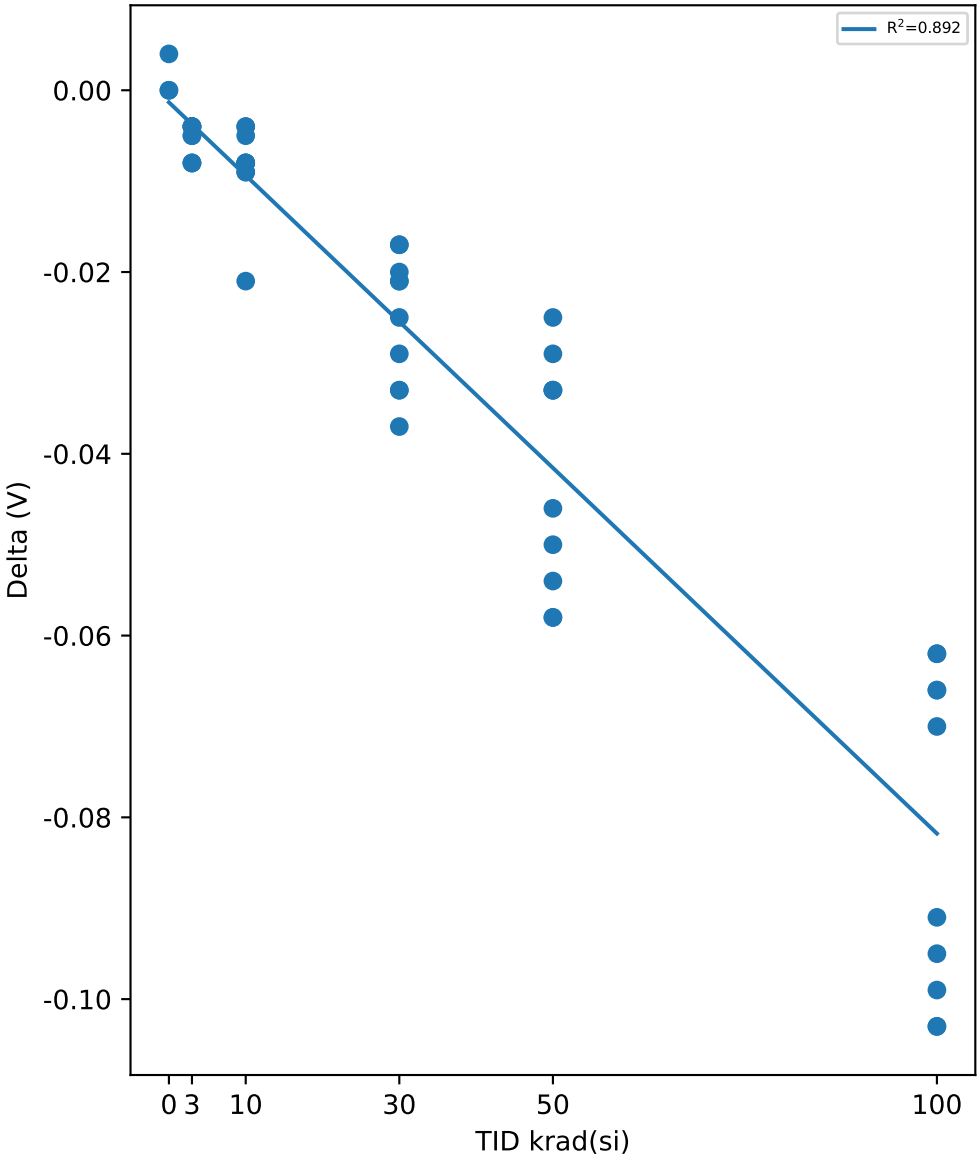
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.089	1.1293	1.174	0.042665	1.097	1.147	1.183	0.044677	0.008	0.017667	0.036	0.015885
3	0.565	0.8631	1.181	0.245	1.101	1.1751	1.38	0.086092	0.001	0.312	0.583	0.26412
10	1.108	1.2144	1.495	0.11993	1.09	1.2048	1.497	0.12901	-0.206	-0.0096	0.221	0.102
30	1.14	1.1924	1.338	0.058589	1.106	1.1671	1.35	0.069644	-0.081	-0.0253	0.012	0.027705
50	0.592	1.0005	1.258	0.24662	1.121	1.1691	1.245	0.04123	-0.07	0.1686	0.563	0.25292
100	0.546	0.7144	1.671	0.33794	1.149	1.3726	2.668	0.45826	0.57	0.6582	0.997	0.12866

Device Test: 6.150; VPULLUP_VALID

TID vs Result Stats



TID vs Post - Pre Exposure Delta



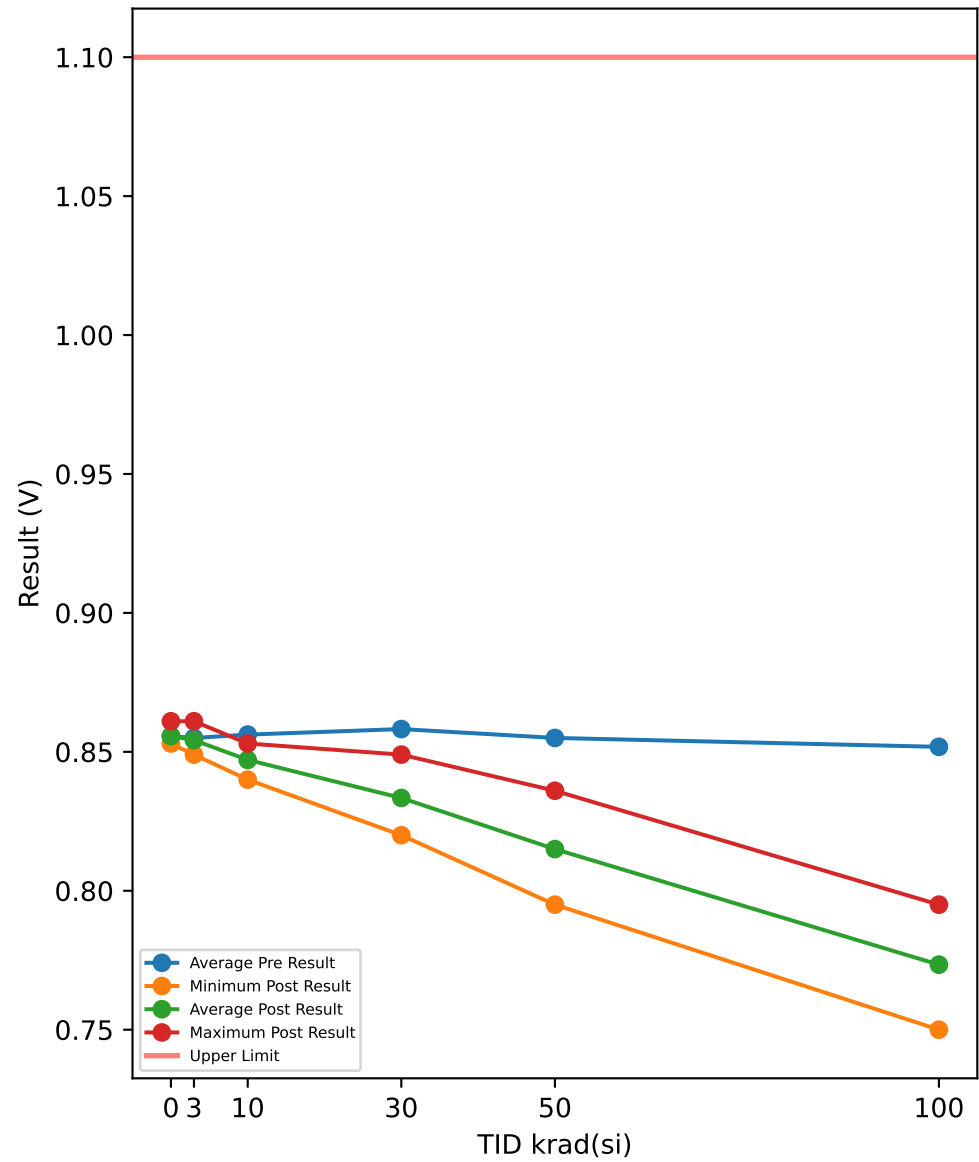
Test Results (Upper Limit = 1.1 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.857	0.857	0
301	0	Correlation	0.849	0.853	0.004
302	0	Correlation	0.845	0.845	0
303	3	Bias	0.849	0.845	-0.004
304	3	Bias	0.857	0.849	-0.008
305	3	Bias	0.861	0.853	-0.008
306	3	Bias	0.857	0.853	-0.004
307	3	Bias	0.857	0.853	-0.004
308	3	Unbiased	0.853	0.845	-0.008
309	3	Unbiased	0.853	0.849	-0.004
310	3	Unbiased	0.849	0.845	-0.004
311	3	Unbiased	0.845	0.84	-0.005
312	3	Unbiased	0.845	0.84	-0.005
313	10	Bias	0.857	0.853	-0.004
314	10	Bias	0.845	0.84	-0.005
315	10	Bias	0.857	0.849	-0.008
316	10	Bias	0.849	0.84	-0.009
317	10	Bias	0.857	0.849	-0.008
318	10	Unbiased	0.845	0.836	-0.009
319	10	Unbiased	0.853	0.845	-0.008
320	10	Unbiased	0.849	0.845	-0.004
321	10	Unbiased	0.857	0.836	-0.021
322	10	Unbiased	0.84	0.832	-0.008
323	30	Bias	0.853	0.836	-0.017
324	30	Bias	0.845	0.828	-0.017
325	30	Bias	0.845	0.824	-0.021
326	30	Bias	0.853	0.832	-0.021
327	30	Bias	0.865	0.845	-0.02
328	30	Unbiased	0.845	0.816	-0.029
329	30	Unbiased	0.857	0.832	-0.025
330	30	Unbiased	0.849	0.816	-0.033
331	30	Unbiased	0.853	0.816	-0.037
332	30	Unbiased	0.853	0.82	-0.033
333	50	Bias	0.857	0.832	-0.025
334	50	Bias	0.845	0.816	-0.029
335	50	Bias	0.849	0.816	-0.033
336	50	Bias	0.849	0.816	-0.033
337	50	Bias	0.853	0.82	-0.033
338	50	Unbiased	0.849	0.803	-0.046
339	50	Unbiased	0.849	0.799	-0.05
340	50	Unbiased	0.849	0.791	-0.058
341	50	Unbiased	0.857	0.803	-0.054
342	50	Unbiased	0.849	0.791	-0.058
343	100	Bias	0.853	0.791	-0.062
344	100	Bias	0.853	0.791	-0.062
345	100	Bias	0.849	0.783	-0.066
346	100	Bias	0.845	0.775	-0.07
347	100	Bias	0.845	0.779	-0.066
348	100	Unbiased	0.853	0.758	-0.095
349	100	Unbiased	0.861	0.77	-0.091
350	100	Unbiased	0.849	0.746	-0.103
351	100	Unbiased	0.849	0.746	-0.103
352	100	Unbiased	0.853	0.754	-0.099

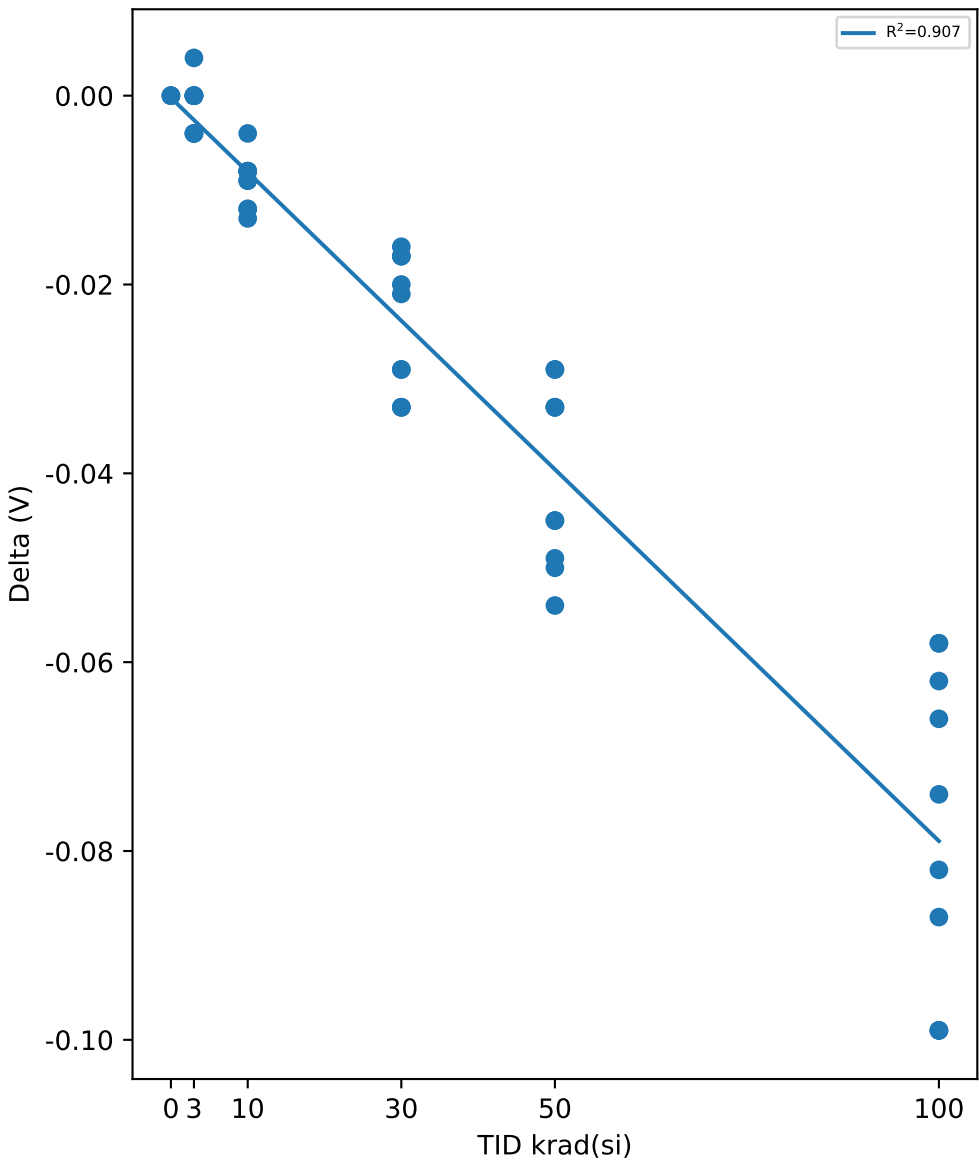
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.845	0.85033	0.857	0.0061101	0.845	0.85167	0.857	0.0061101	0	0.0013333	0.004	0.0023094
3	0.845	0.8526	0.861	0.0054813	0.84	0.8472	0.853	0.0050067	-0.008	-0.0054	-0.004	0.0018379
10	0.84	0.8509	0.857	0.0062263	0.832	0.8425	0.853	0.0067864	-0.021	-0.0084	-0.004	0.0048351
30	0.845	0.8518	0.865	0.0062681	0.816	0.8265	0.845	0.0098573	-0.037	-0.0253	-0.017	0.0072426
50	0.845	0.8506	0.857	0.0038644	0.791	0.8087	0.832	0.0134	-0.058	-0.0419	-0.025	0.012635
100	0.845	0.851	0.861	0.004714	0.746	0.7693	0.791	0.017334	-0.103	-0.0817	-0.062	0.017876

TID vs Result Stats



TID vs Post - Pre Exposure Delta



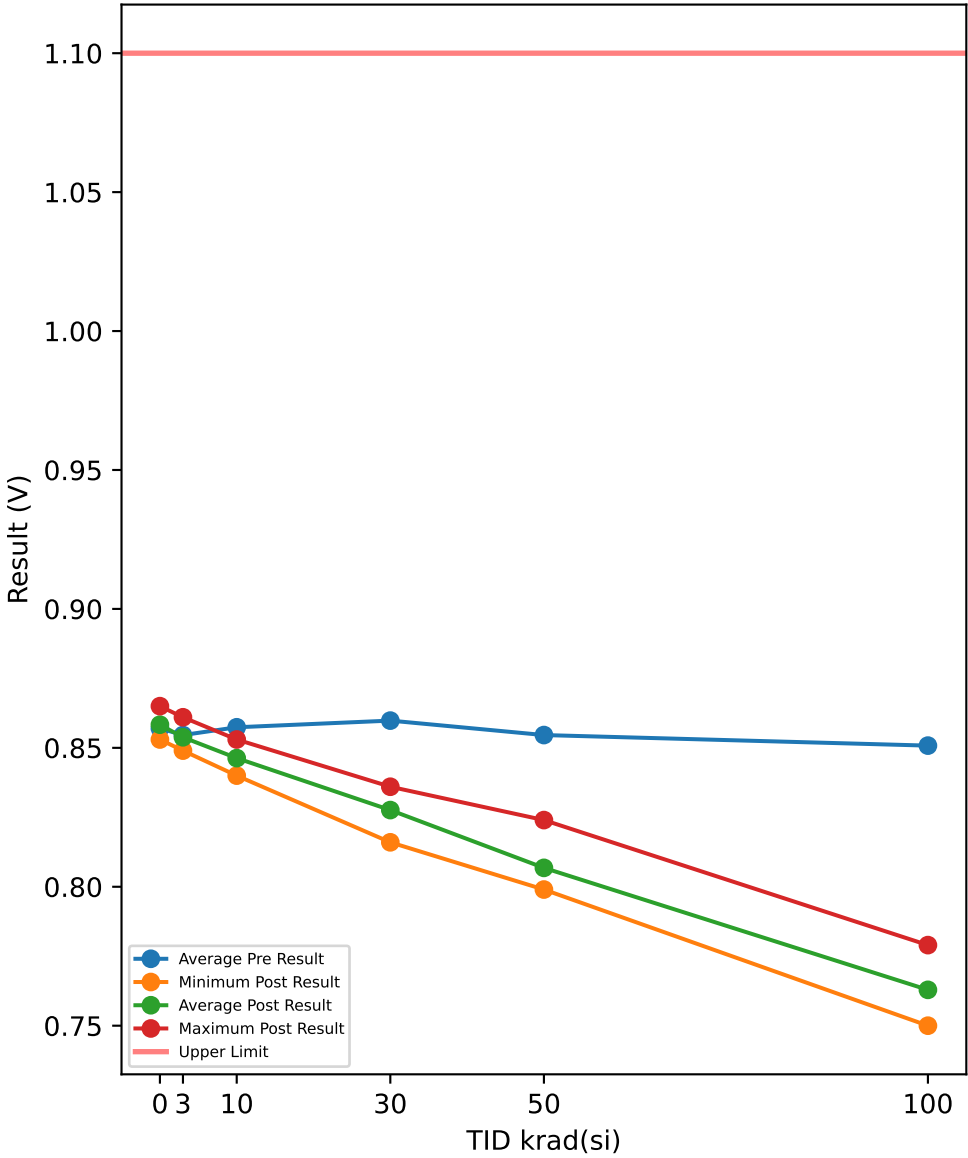
Test Results (Upper Limit = 1.1 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.861	0.861	0
301	0	Correlation	0.853	0.853	0
302	0	Correlation	0.853	0.853	0
303	3	Bias	0.853	0.853	0
304	3	Bias	0.853	0.853	0
305	3	Bias	0.857	0.861	0.004
306	3	Bias	0.857	0.857	0
307	3	Bias	0.857	0.857	0
308	3	Unbiased	0.853	0.853	0
309	3	Unbiased	0.861	0.857	-0.004
310	3	Unbiased	0.857	0.853	-0.004
311	3	Unbiased	0.853	0.849	-0.004
312	3	Unbiased	0.849	0.849	0
313	10	Bias	0.857	0.853	-0.004
314	10	Bias	0.849	0.84	-0.009
315	10	Bias	0.861	0.853	-0.008
316	10	Bias	0.857	0.849	-0.008
317	10	Bias	0.861	0.853	-0.008
318	10	Unbiased	0.849	0.84	-0.009
319	10	Unbiased	0.861	0.849	-0.012
320	10	Unbiased	0.857	0.849	-0.008
321	10	Unbiased	0.857	0.845	-0.012
322	10	Unbiased	0.853	0.84	-0.013
323	30	Bias	0.861	0.845	-0.016
324	30	Bias	0.853	0.836	-0.017
325	30	Bias	0.853	0.832	-0.021
326	30	Bias	0.857	0.84	-0.017
327	30	Bias	0.869	0.849	-0.02
328	30	Unbiased	0.849	0.82	-0.029
329	30	Unbiased	0.865	0.836	-0.029
330	30	Unbiased	0.857	0.824	-0.033
331	30	Unbiased	0.857	0.824	-0.033
332	30	Unbiased	0.861	0.828	-0.033
333	50	Bias	0.865	0.836	-0.029
334	50	Bias	0.849	0.82	-0.029
335	50	Bias	0.853	0.82	-0.033
336	50	Bias	0.853	0.82	-0.033
337	50	Bias	0.861	0.828	-0.033
338	50	Unbiased	0.857	0.812	-0.045
339	50	Unbiased	0.853	0.808	-0.045
340	50	Unbiased	0.853	0.803	-0.05
341	50	Unbiased	0.857	0.808	-0.049
342	50	Unbiased	0.849	0.795	-0.054
343	100	Bias	0.849	0.783	-0.066
344	100	Bias	0.853	0.795	-0.058
345	100	Bias	0.849	0.791	-0.058
346	100	Bias	0.845	0.783	-0.062
347	100	Bias	0.849	0.775	-0.074
348	100	Unbiased	0.853	0.766	-0.087
349	100	Unbiased	0.861	0.779	-0.082
350	100	Unbiased	0.849	0.75	-0.099
351	100	Unbiased	0.853	0.754	-0.099
352	100	Unbiased	0.857	0.758	-0.099

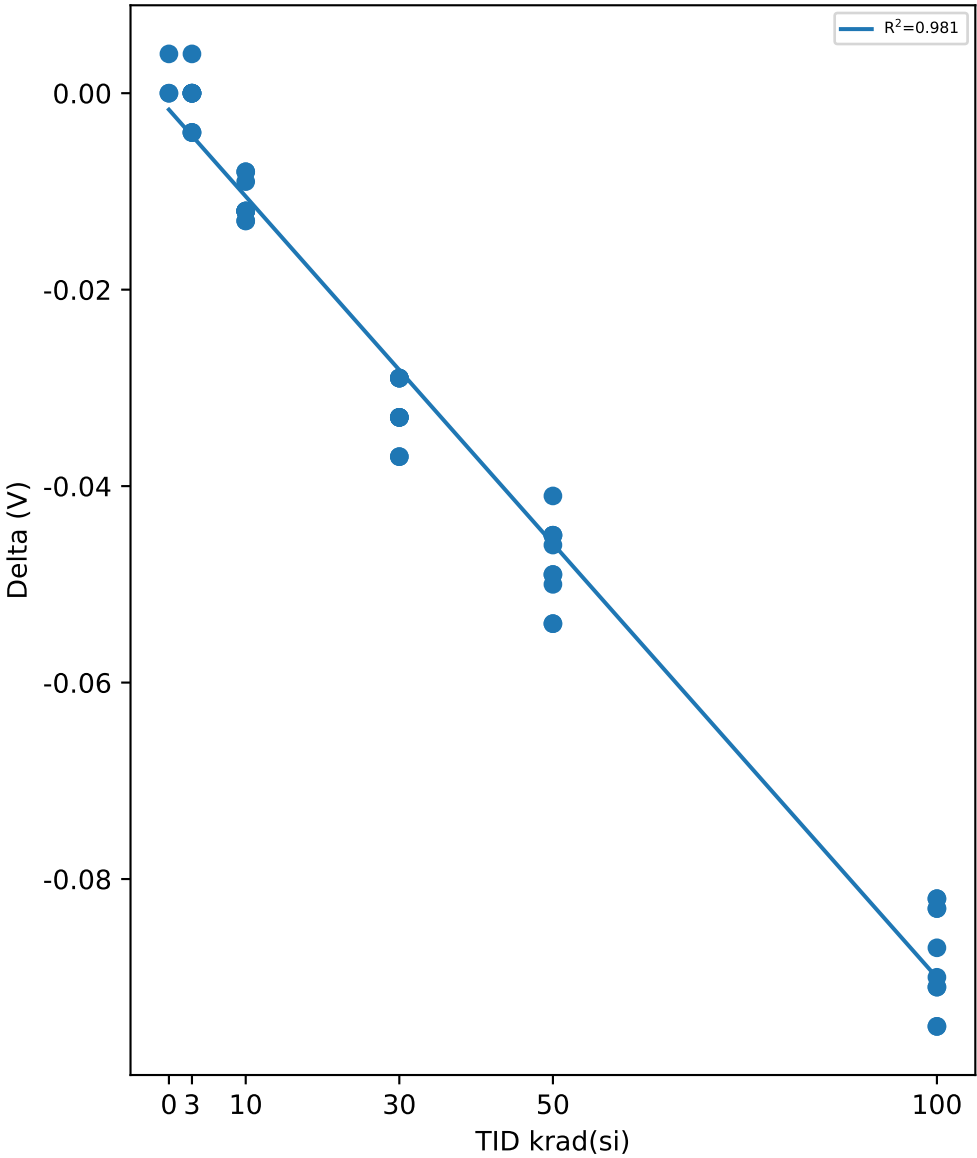
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.853	0.85567	0.861	0.0046188	0.853	0.85567	0.861	0.0046188	0	0	0	0
3	0.849	0.855	0.861	0.0033993	0.849	0.8542	0.861	0.0037947	-0.004	-0.0008	0.004	0.0025298
10	0.849	0.8562	0.861	0.0045412	0.84	0.8471	0.853	0.0054863	-0.013	-0.0091	-0.004	0.0026437
30	0.849	0.8582	0.869	0.0059777	0.82	0.8334	0.849	0.0095592	-0.033	-0.0248	-0.016	0.0072541
50	0.849	0.855	0.865	0.0050772	0.795	0.815	0.836	0.012184	-0.054	-0.04	-0.029	0.0095219
100	0.845	0.8518	0.861	0.004638	0.75	0.7734	0.795	0.015672	-0.099	-0.0784	-0.058	0.017109

TID vs Result Stats



TID vs Post - Pre Exposure Delta



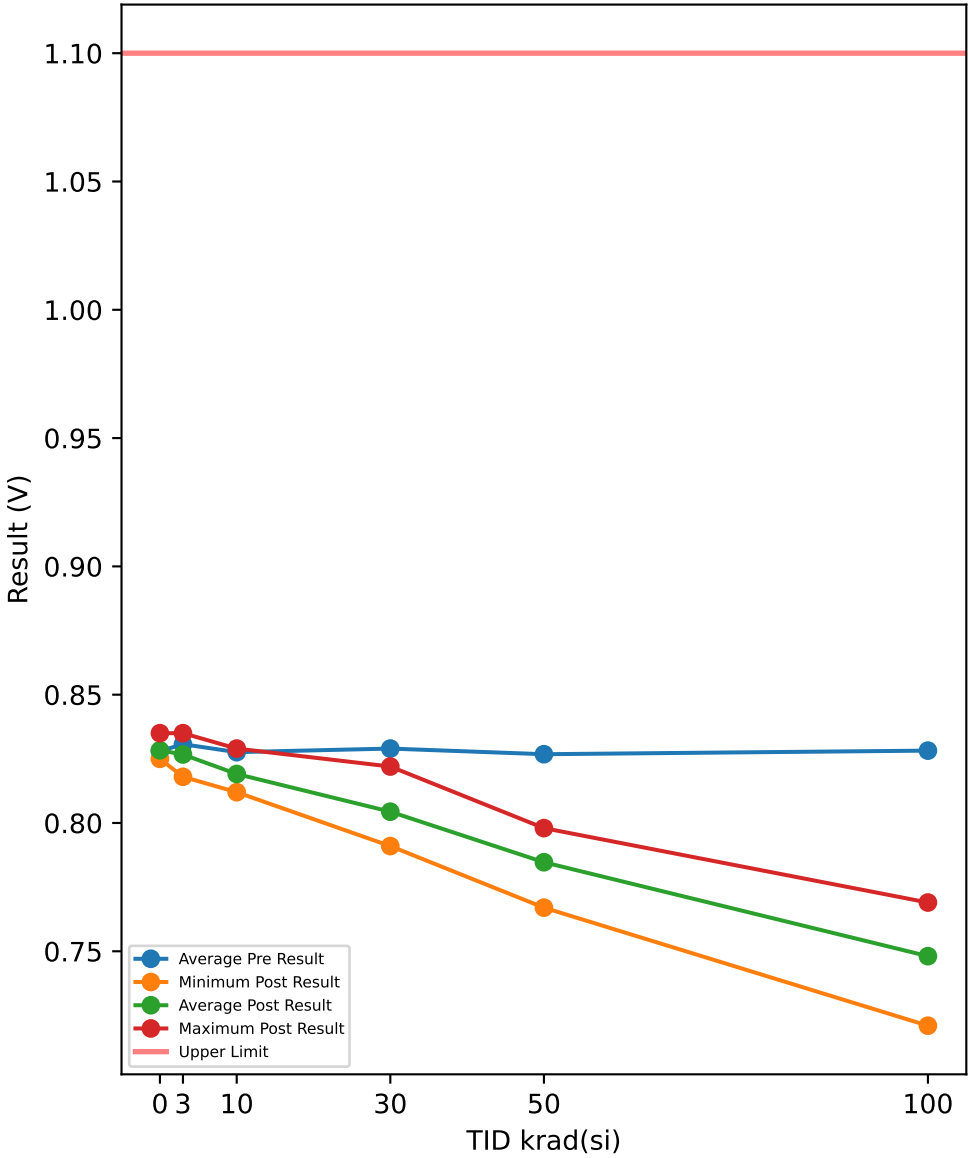
Test Results (Upper Limit = 1.1 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.865	0.865	0
301	0	Correlation	0.853	0.857	0.004
302	0	Correlation	0.853	0.853	0
303	3	Bias	0.849	0.849	0
304	3	Bias	0.853	0.853	0
305	3	Bias	0.857	0.857	0
306	3	Bias	0.853	0.853	0
307	3	Bias	0.857	0.861	0.004
308	3	Unbiased	0.853	0.853	0
309	3	Unbiased	0.861	0.861	0
310	3	Unbiased	0.853	0.849	-0.004
311	3	Unbiased	0.853	0.849	-0.004
312	3	Unbiased	0.857	0.853	-0.004
313	10	Bias	0.861	0.849	-0.012
314	10	Bias	0.853	0.84	-0.013
315	10	Bias	0.861	0.849	-0.012
316	10	Bias	0.861	0.853	-0.008
317	10	Bias	0.861	0.853	-0.008
318	10	Unbiased	0.849	0.84	-0.009
319	10	Unbiased	0.861	0.849	-0.012
320	10	Unbiased	0.857	0.845	-0.012
321	10	Unbiased	0.857	0.845	-0.012
322	10	Unbiased	0.853	0.84	-0.013
323	30	Bias	0.861	0.832	-0.029
324	30	Bias	0.857	0.828	-0.029
325	30	Bias	0.853	0.816	-0.037
326	30	Bias	0.861	0.828	-0.033
327	30	Bias	0.869	0.836	-0.033
328	30	Unbiased	0.853	0.824	-0.029
329	30	Unbiased	0.865	0.836	-0.029
330	30	Unbiased	0.861	0.828	-0.033
331	30	Unbiased	0.857	0.824	-0.033
332	30	Unbiased	0.861	0.824	-0.037
333	50	Bias	0.869	0.824	-0.045
334	50	Bias	0.853	0.808	-0.045
335	50	Bias	0.853	0.799	-0.054
336	50	Bias	0.853	0.799	-0.054
337	50	Bias	0.861	0.812	-0.049
338	50	Unbiased	0.857	0.812	-0.045
339	50	Unbiased	0.849	0.808	-0.041
340	50	Unbiased	0.849	0.799	-0.05
341	50	Unbiased	0.857	0.808	-0.049
342	50	Unbiased	0.845	0.799	-0.046
343	100	Bias	0.853	0.77	-0.083
344	100	Bias	0.849	0.766	-0.083
345	100	Bias	0.853	0.762	-0.091
346	100	Bias	0.84	0.75	-0.09
347	100	Bias	0.84	0.758	-0.082
348	100	Unbiased	0.853	0.766	-0.087
349	100	Unbiased	0.861	0.779	-0.082
350	100	Unbiased	0.849	0.754	-0.095
351	100	Unbiased	0.853	0.758	-0.095
352	100	Unbiased	0.857	0.766	-0.091

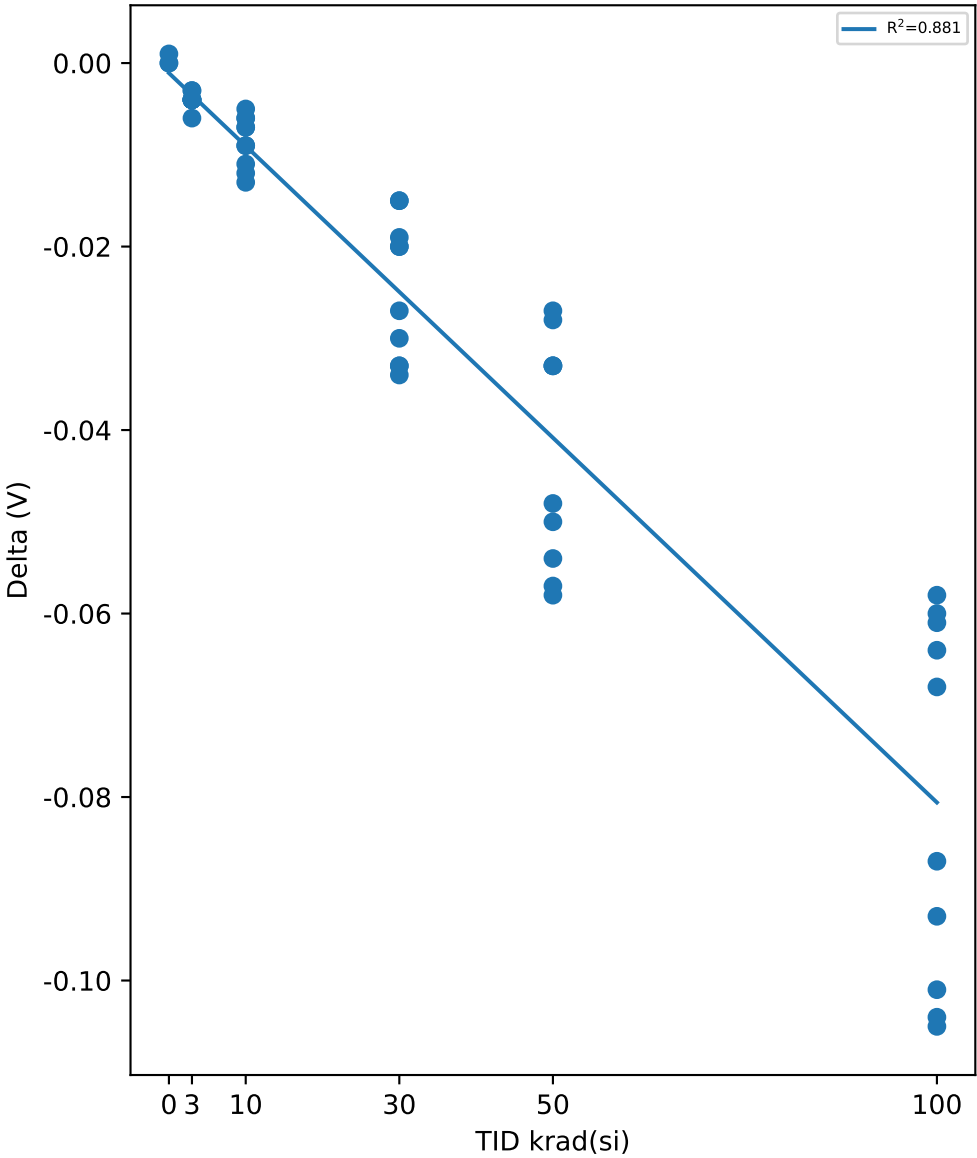
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.853	0.857	0.865	0.0069282	0.853	0.85833	0.865	0.0061101	0	0.0013333	0.004	0.0023094
3	0.849	0.8546	0.861	0.0033731	0.849	0.8538	0.861	0.0045412	-0.004	-0.0008	0.004	0.0025298
10	0.849	0.8574	0.861	0.004402	0.84	0.8463	0.853	0.0051001	-0.013	-0.0111	-0.008	0.0019692
30	0.853	0.8598	0.869	0.0050067	0.816	0.8276	0.836	0.0060955	-0.037	-0.0322	-0.029	0.0031552
50	0.845	0.8546	0.869	0.0068508	0.799	0.8068	0.824	0.0081486	-0.054	-0.0478	-0.041	0.0041846
100	0.84	0.8508	0.861	0.00668	0.75	0.7629	0.779	0.0083858	-0.095	-0.0879	-0.082	0.0051951

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 1.1 (V))

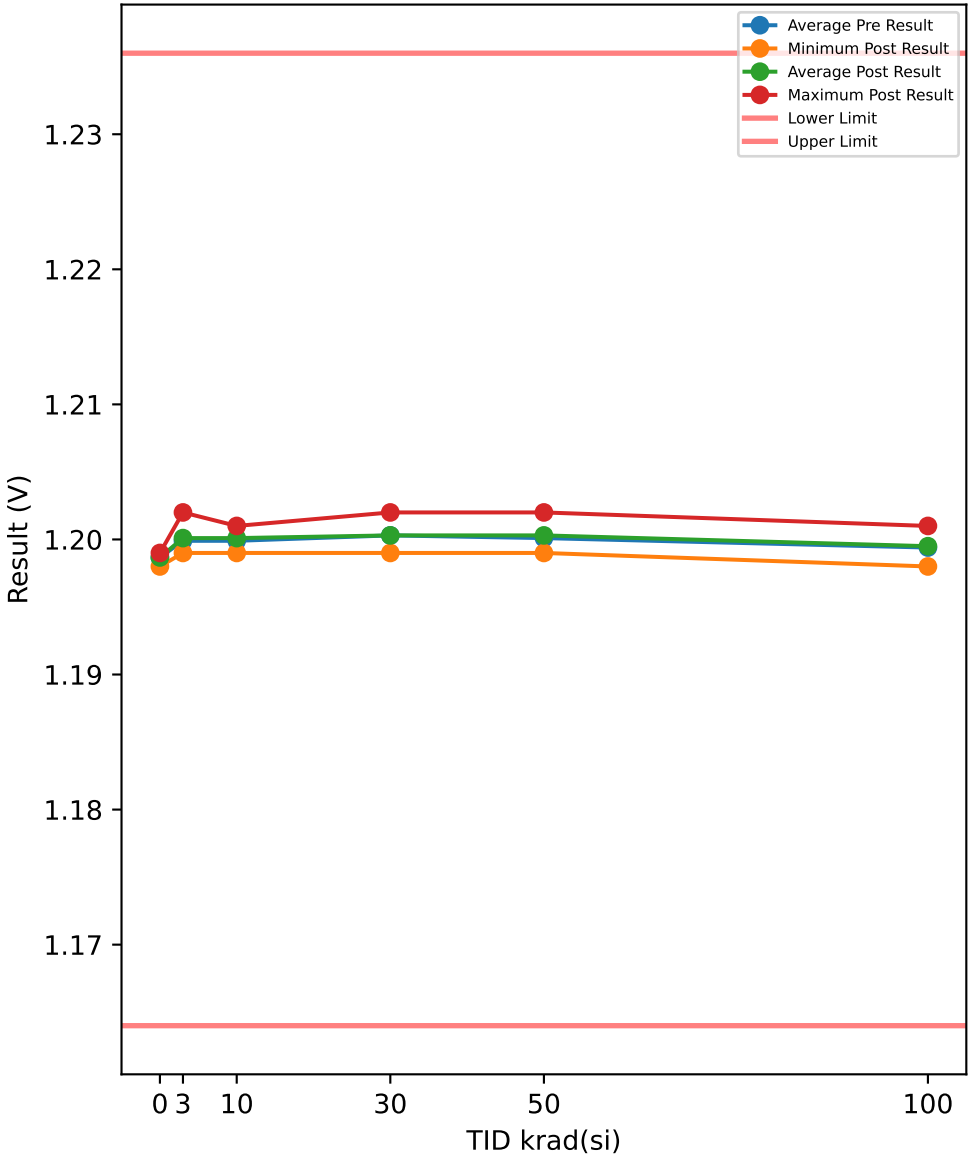
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.835	0.835	0
301	0	Correlation	0.825	0.825	0
302	0	Correlation	0.824	0.825	0.001
303	3	Bias	0.831	0.827	-0.004
304	3	Bias	0.831	0.827	-0.004
305	3	Bias	0.833	0.829	-0.004
306	3	Bias	0.833	0.829	-0.004
307	3	Bias	0.839	0.835	-0.004
308	3	Unbiased	0.833	0.827	-0.006
309	3	Unbiased	0.833	0.829	-0.004
310	3	Unbiased	0.825	0.822	-0.003
311	3	Unbiased	0.822	0.818	-0.004
312	3	Unbiased	0.827	0.824	-0.003
313	10	Bias	0.835	0.829	-0.006
314	10	Bias	0.824	0.818	-0.006
315	10	Bias	0.831	0.824	-0.007
316	10	Bias	0.825	0.818	-0.007
317	10	Bias	0.827	0.822	-0.005
318	10	Unbiased	0.825	0.814	-0.011
319	10	Unbiased	0.833	0.824	-0.009
320	10	Unbiased	0.827	0.814	-0.013
321	10	Unbiased	0.825	0.816	-0.009
322	10	Unbiased	0.824	0.812	-0.012
323	30	Bias	0.833	0.818	-0.015
324	30	Bias	0.831	0.816	-0.015
325	30	Bias	0.822	0.802	-0.02
326	30	Bias	0.824	0.804	-0.02
327	30	Bias	0.841	0.822	-0.019
328	30	Unbiased	0.824	0.794	-0.03
329	30	Unbiased	0.837	0.81	-0.027
330	30	Unbiased	0.824	0.791	-0.033
331	30	Unbiased	0.825	0.791	-0.034
332	30	Unbiased	0.829	0.796	-0.033
333	50	Bias	0.822	0.794	-0.028
334	50	Bias	0.825	0.798	-0.027
335	50	Bias	0.825	0.792	-0.033
336	50	Bias	0.829	0.796	-0.033
337	50	Bias	0.829	0.796	-0.033
338	50	Unbiased	0.827	0.779	-0.048
339	50	Unbiased	0.825	0.775	-0.05
340	50	Unbiased	0.827	0.769	-0.058
341	50	Unbiased	0.835	0.781	-0.054
342	50	Unbiased	0.824	0.767	-0.057
343	100	Bias	0.825	0.765	-0.06
344	100	Bias	0.825	0.767	-0.058
345	100	Bias	0.833	0.769	-0.064
346	100	Bias	0.827	0.759	-0.068
347	100	Bias	0.824	0.763	-0.061
348	100	Unbiased	0.829	0.736	-0.093
349	100	Unbiased	0.843	0.756	-0.087
350	100	Unbiased	0.825	0.721	-0.104
351	100	Unbiased	0.829	0.724	-0.105
352	100	Unbiased	0.822	0.721	-0.101

Test Statistics (V)

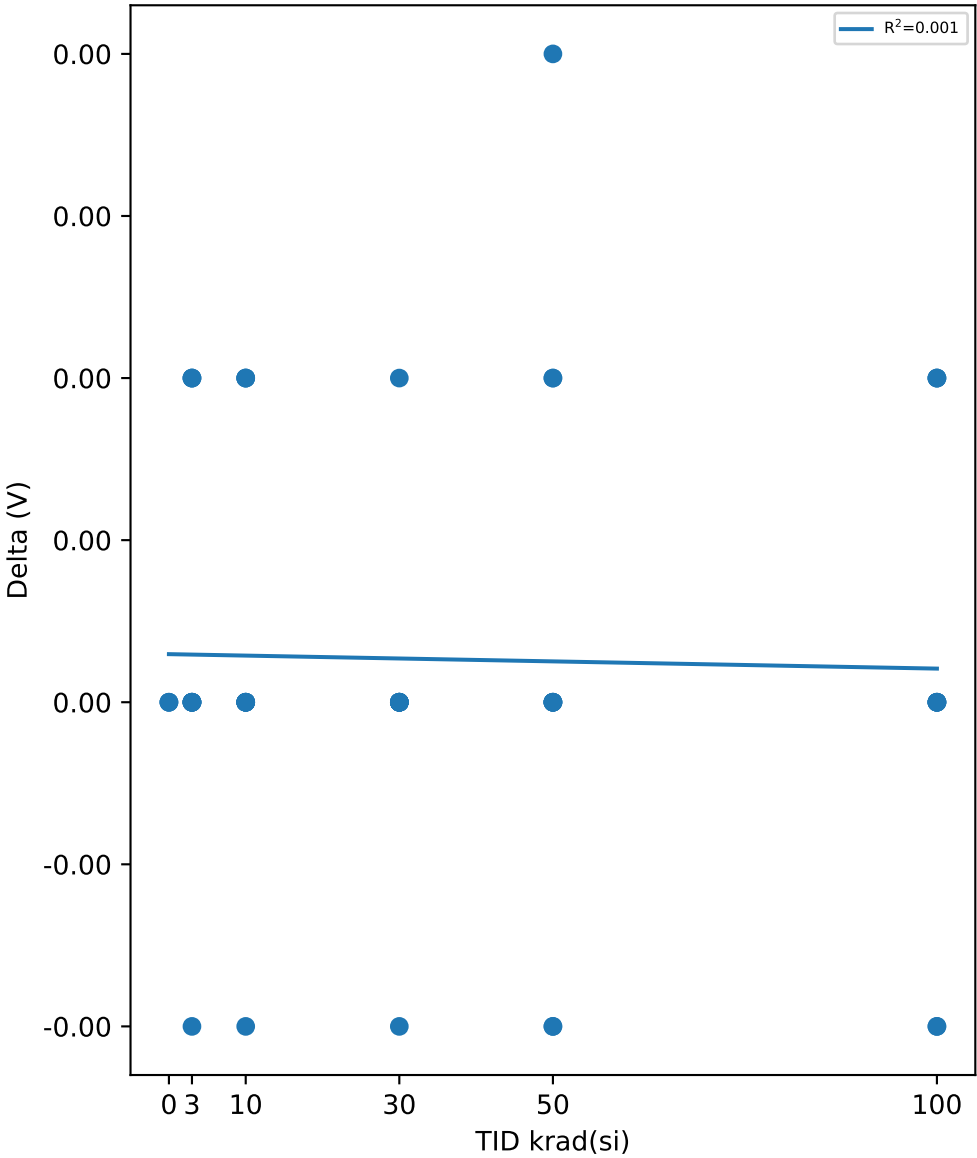
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.824	0.828	0.835	0.0060828	0.825	0.82833	0.835	0.0057735	0	0.00033333	0.001	0.00057735
3	0.822	0.8307	0.839	0.0048546	0.818	0.8267	0.835	0.0045959	-0.006	-0.004	-0.003	0.0008165
10	0.824	0.8276	0.835	0.0039777	0.812	0.8191	0.829	0.0054661	-0.013	-0.0085	-0.005	0.0027588
30	0.822	0.829	0.841	0.0063944	0.791	0.8044	0.822	0.011568	-0.034	-0.0246	-0.015	0.0076187
50	0.822	0.8268	0.835	0.0036148	0.767	0.7847	0.798	0.011889	-0.058	-0.0421	-0.027	0.012423
100	0.822	0.8282	0.843	0.00607	0.721	0.7481	0.769	0.020218	-0.105	-0.0801	-0.058	0.019734

Device Test: 6.155; VHYS

TID vs Result Stats



TID vs Post - Pre Exposure Delta



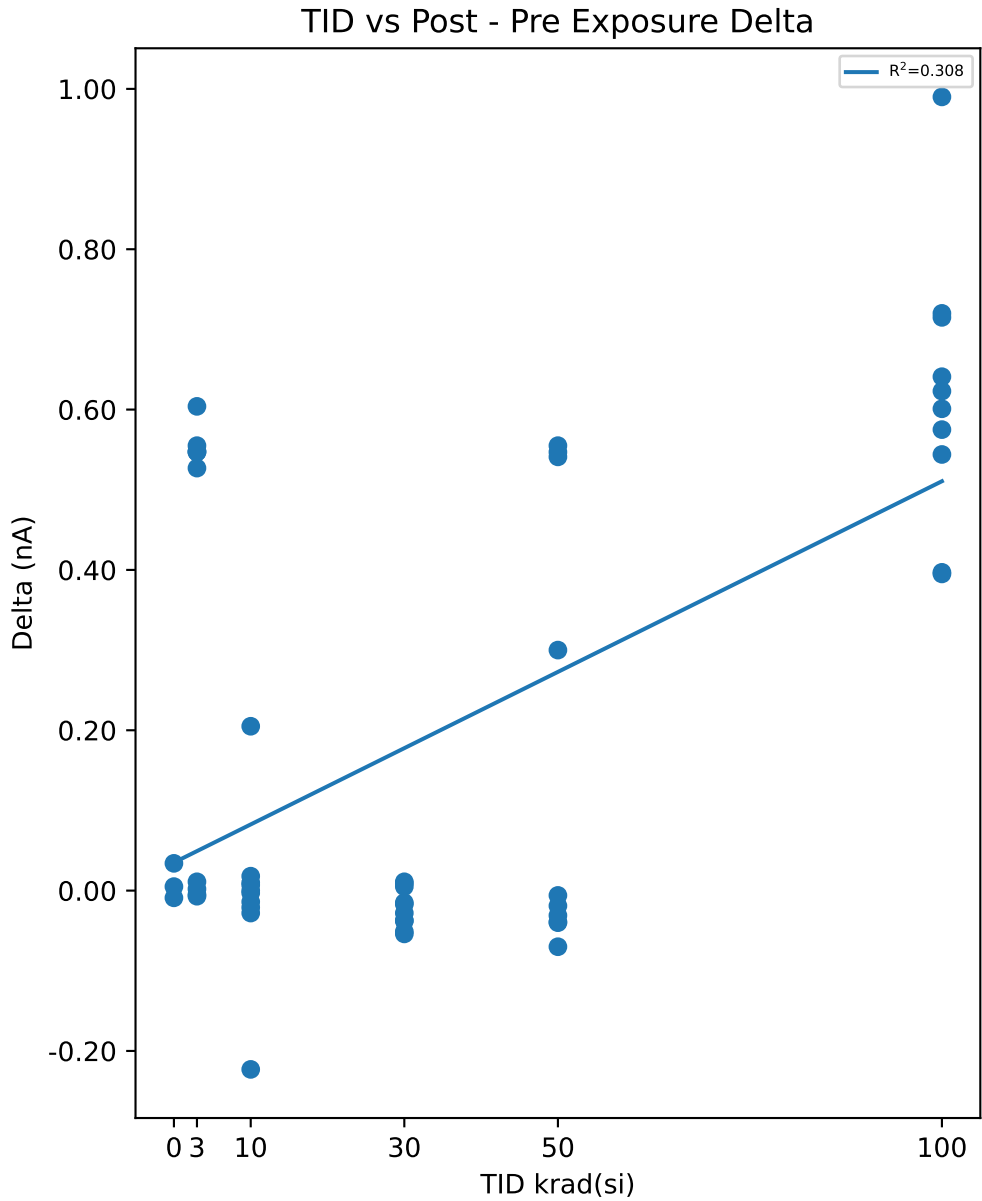
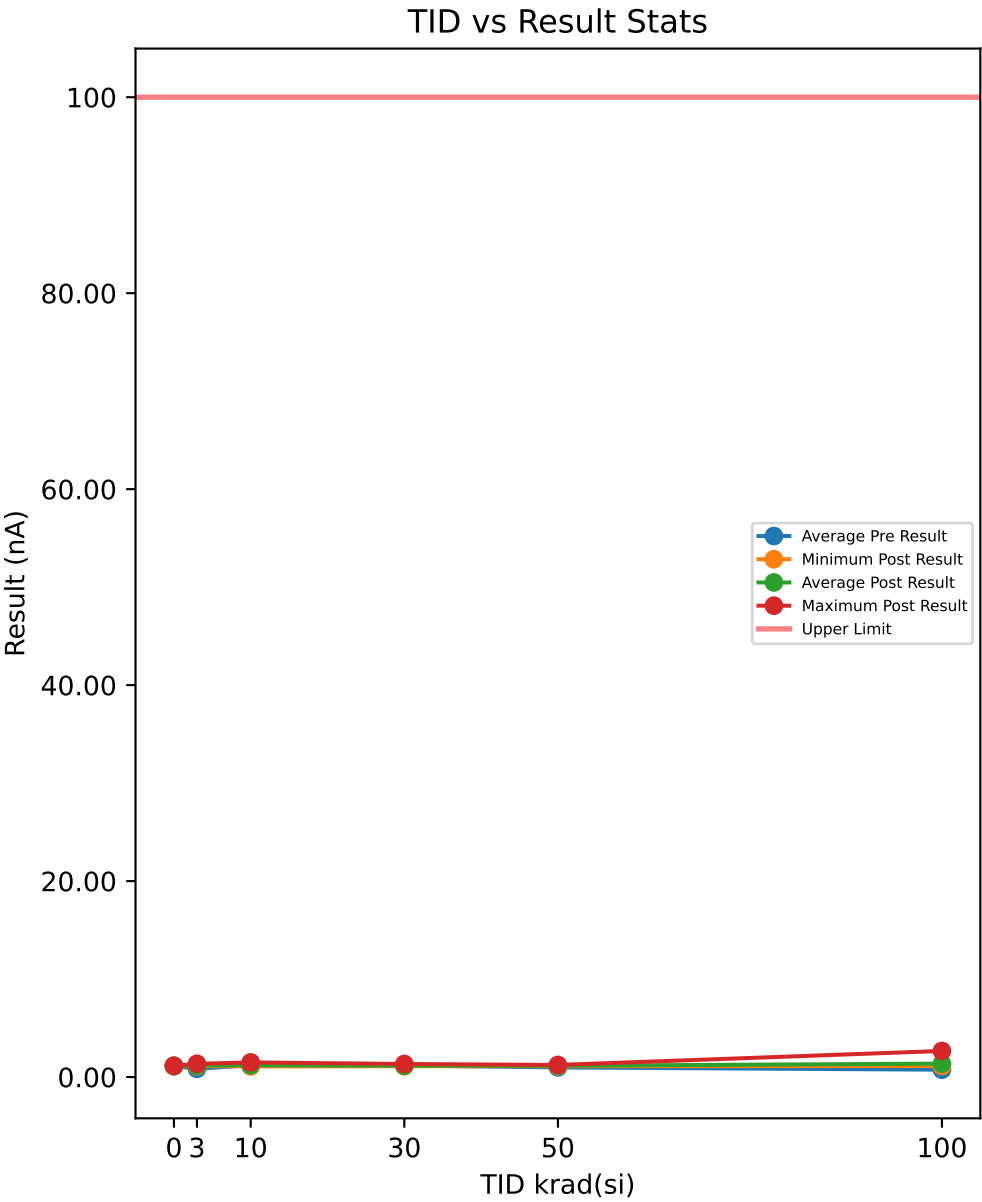
Test Results (Lower Limit = 1.164, Upper Limit = 1.236 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.198	1.198	0
301	0	Correlation	1.199	1.199	0
302	0	Correlation	1.199	1.199	0
303	3	Bias	1.2	1.2	0
304	3	Bias	1.199	1.199	0
305	3	Bias	1.201	1.202	0.001
306	3	Bias	1.2	1.2	0
307	3	Bias	1.201	1.2	-0.001
308	3	Unbiased	1.2	1.201	0.001
309	3	Unbiased	1.199	1.2	0.001
310	3	Unbiased	1.201	1.201	0
311	3	Unbiased	1.199	1.199	0
312	3	Unbiased	1.199	1.199	0
313	10	Bias	1.2	1.2	0
314	10	Bias	1.2	1.2	0
315	10	Bias	1.2	1.201	0.001
316	10	Bias	1.2	1.2	0
317	10	Bias	1.2	1.2	0
318	10	Unbiased	1.199	1.2	0.001
319	10	Unbiased	1.199	1.199	0
320	10	Unbiased	1.201	1.2	-0.001
321	10	Unbiased	1.2	1.201	0.001
322	10	Unbiased	1.2	1.2	0
323	30	Bias	1.2	1.2	0
324	30	Bias	1.201	1.201	0
325	30	Bias	1.201	1.2	-0.001
326	30	Bias	1.2	1.2	0
327	30	Bias	1.202	1.202	0
328	30	Unbiased	1.202	1.202	0
329	30	Unbiased	1.199	1.2	0.001
330	30	Unbiased	1.199	1.199	0
331	30	Unbiased	1.2	1.2	0
332	30	Unbiased	1.199	1.199	0
333	50	Bias	1.199	1.199	0
334	50	Bias	1.199	1.199	0
335	50	Bias	1.2	1.199	-0.001
336	50	Bias	1.2	1.2	0
337	50	Bias	1.202	1.201	-0.001
338	50	Unbiased	1.202	1.202	0
339	50	Unbiased	1.201	1.201	0
340	50	Unbiased	1.199	1.2	0.001
341	50	Unbiased	1.199	1.2	0.001
342	50	Unbiased	1.2	1.202	0.002
343	100	Bias	1.198	1.198	0
344	100	Bias	1.198	1.198	0
345	100	Bias	1.201	1.2	-0.001
346	100	Bias	1.2	1.199	-0.001
347	100	Bias	1.2	1.201	0.001
348	100	Unbiased	1.199	1.199	0
349	100	Unbiased	1.199	1.2	0.001
350	100	Unbiased	1.2	1.2	0
351	100	Unbiased	1.2	1.2	0
352	100	Unbiased	1.199	1.2	0.001

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.198	1.1987	1.199	0.00057735	1.198	1.1987	1.199	0.00057735	0	0	0	0
3	1.199	1.1999	1.201	0.0008756	1.199	1.2001	1.202	0.00099443	-0.001	0.0002	0.001	0.00063246
10	1.199	1.1999	1.201	0.00056765	1.199	1.2001	1.201	0.00056765	-0.001	0.0002	0.001	0.00063246
30	1.199	1.2003	1.202	0.0011595	1.199	1.2003	1.202	0.0010593	-0.001	-2.2204e-17	0.001	0.0004714
50	1.199	1.2001	1.202	0.0011972	1.199	1.2003	1.202	0.0011595	-0.001	0.0002	0.002	0.00091894
100	1.198	1.1994	1.201	0.00096609	1.198	1.1995	1.201	0.00097183	-0.001	0.0001	0.001	0.00073786

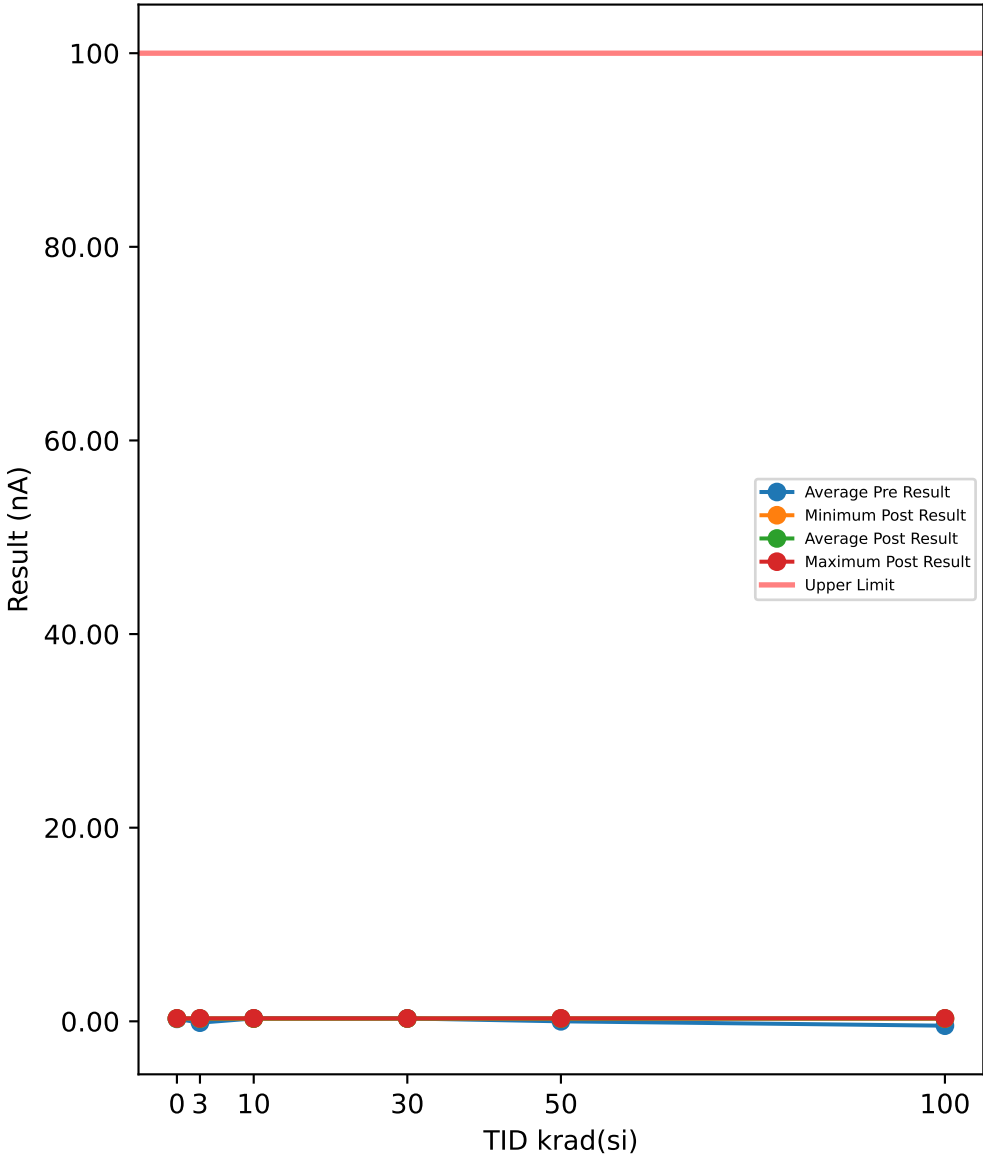
Device Test: 6.16 ; ILKG_SR_UVLO



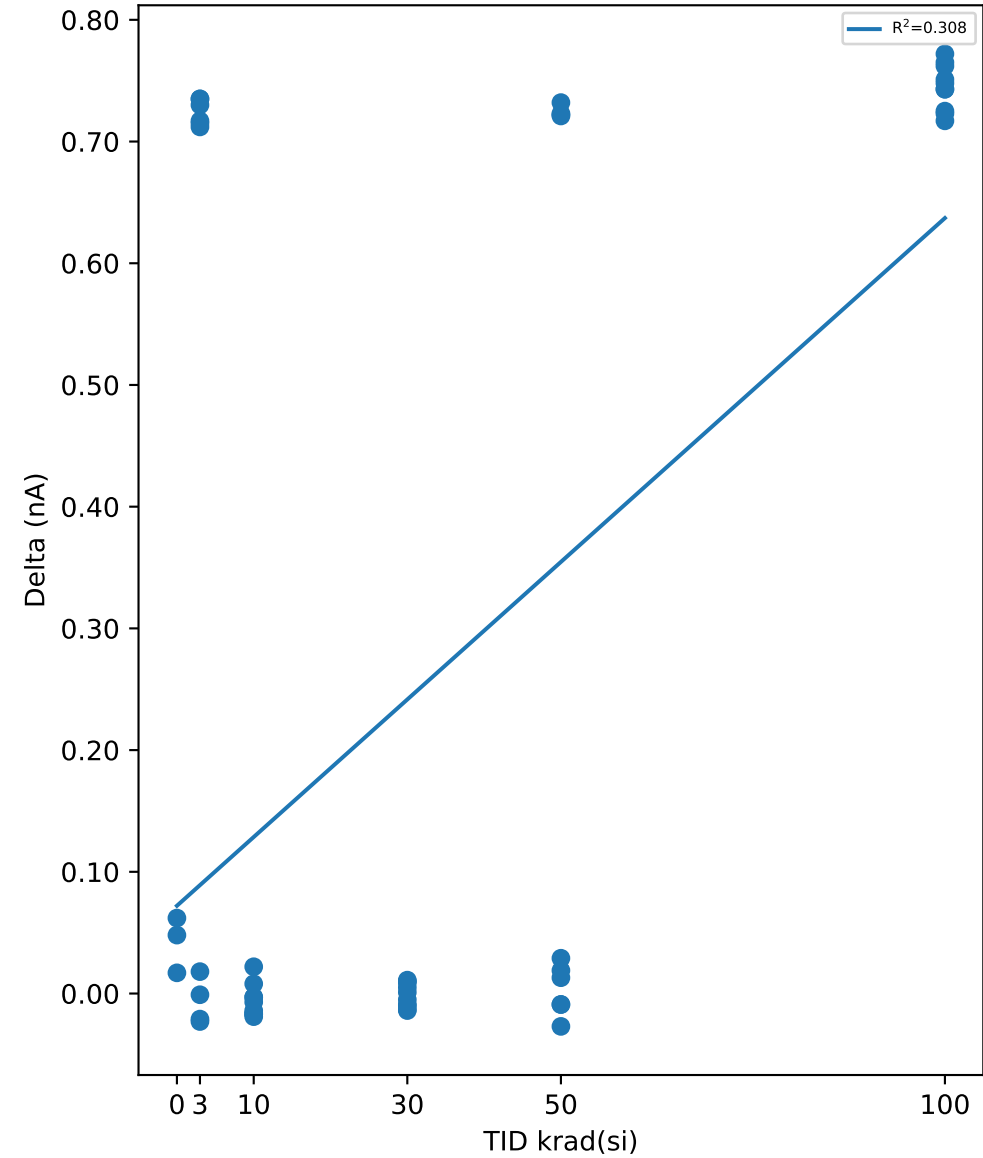
Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.155	1.16	0.005
301	0	Correlation	1.075	1.109	0.034
302	0	Correlation	1.124	1.115	-0.009
303	3	Bias	0.805	1.353	0.548
304	3	Bias	0.585	1.112	0.527
305	3	Bias	0.557	1.112	0.555
306	3	Bias	0.62	1.167	0.547
307	3	Bias	0.551	1.155	0.604
308	3	Unbiased	0.712	1.259	0.547
309	3	Unbiased	1.136	1.129	-0.007
310	3	Unbiased	1.117	1.119	0.002
311	3	Unbiased	1.158	1.153	-0.005
312	3	Unbiased	1.165	1.176	0.011
313	10	Bias	1.169	1.166	-0.003
314	10	Bias	1.478	1.496	0.018
315	10	Bias	1.22	1.199	-0.021
316	10	Bias	1.096	1.103	0.007
317	10	Bias	1.159	1.145	-0.014
318	10	Unbiased	1.164	1.174	0.01
319	10	Unbiased	1.118	1.09	-0.028
320	10	Unbiased	1.367	1.144	-0.223
321	10	Unbiased	1.171	1.376	0.205
322	10	Unbiased	1.163	1.163	0
323	30	Bias	1.113	1.122	0.009
324	30	Bias	1.372	1.335	-0.037
325	30	Bias	1.149	1.154	0.005
326	30	Bias	1.151	1.134	-0.017
327	30	Bias	1.172	1.157	-0.015
328	30	Unbiased	1.23	1.192	-0.038
329	30	Unbiased	1.182	1.154	-0.028
330	30	Unbiased	1.127	1.138	0.011
331	30	Unbiased	1.168	1.114	-0.054
332	30	Unbiased	1.157	1.106	-0.051
333	50	Bias	1.233	1.202	-0.031
334	50	Bias	1.18	1.11	-0.07
335	50	Bias	1.122	1.103	-0.019
336	50	Bias	1.158	1.118	-0.04
337	50	Bias	1.17	1.164	-0.006
338	50	Unbiased	1.222	1.183	-0.039
339	50	Unbiased	0.935	1.235	0.3
340	50	Unbiased	0.566	1.107	0.541
341	50	Unbiased	0.637	1.184	0.547
342	50	Unbiased	0.598	1.153	0.555
343	100	Bias	0.577	1.121	0.544
344	100	Bias	0.588	1.163	0.575
345	100	Bias	1.674	2.664	0.99
346	100	Bias	0.62	1.34	0.72
347	100	Bias	0.65	1.291	0.641
348	100	Unbiased	0.613	1.214	0.601
349	100	Unbiased	0.8	1.197	0.397
350	100	Unbiased	0.541	1.256	0.715
351	100	Unbiased	0.617	1.24	0.623
352	100	Unbiased	0.839	1.234	0.395

Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.075	1.118	1.155	0.040336	1.109	1.128	1.16	0.027875	-0.009	0.01	0.034	0.021932
3	0.551	0.8406	1.165	0.27198	1.112	1.1735	1.353	0.076635	-0.007	0.3329	0.604	0.28699
10	1.096	1.2105	1.478	0.11933	1.09	1.2056	1.496	0.12873	-0.223	-0.0049	0.205	0.10188
30	1.113	1.1821	1.372	0.073908	1.106	1.1606	1.335	0.066133	-0.054	-0.0215	0.011	0.024112
50	0.566	0.9821	1.233	0.27638	1.103	1.1559	1.235	0.045598	-0.07	0.1738	0.555	0.27833
100	0.541	0.7519	1.674	0.33786	1.121	1.372	2.664	0.45814	0.395	0.6201	0.99	0.17156

TID vs Result Stats



TID vs Post - Pre Exposure Delta

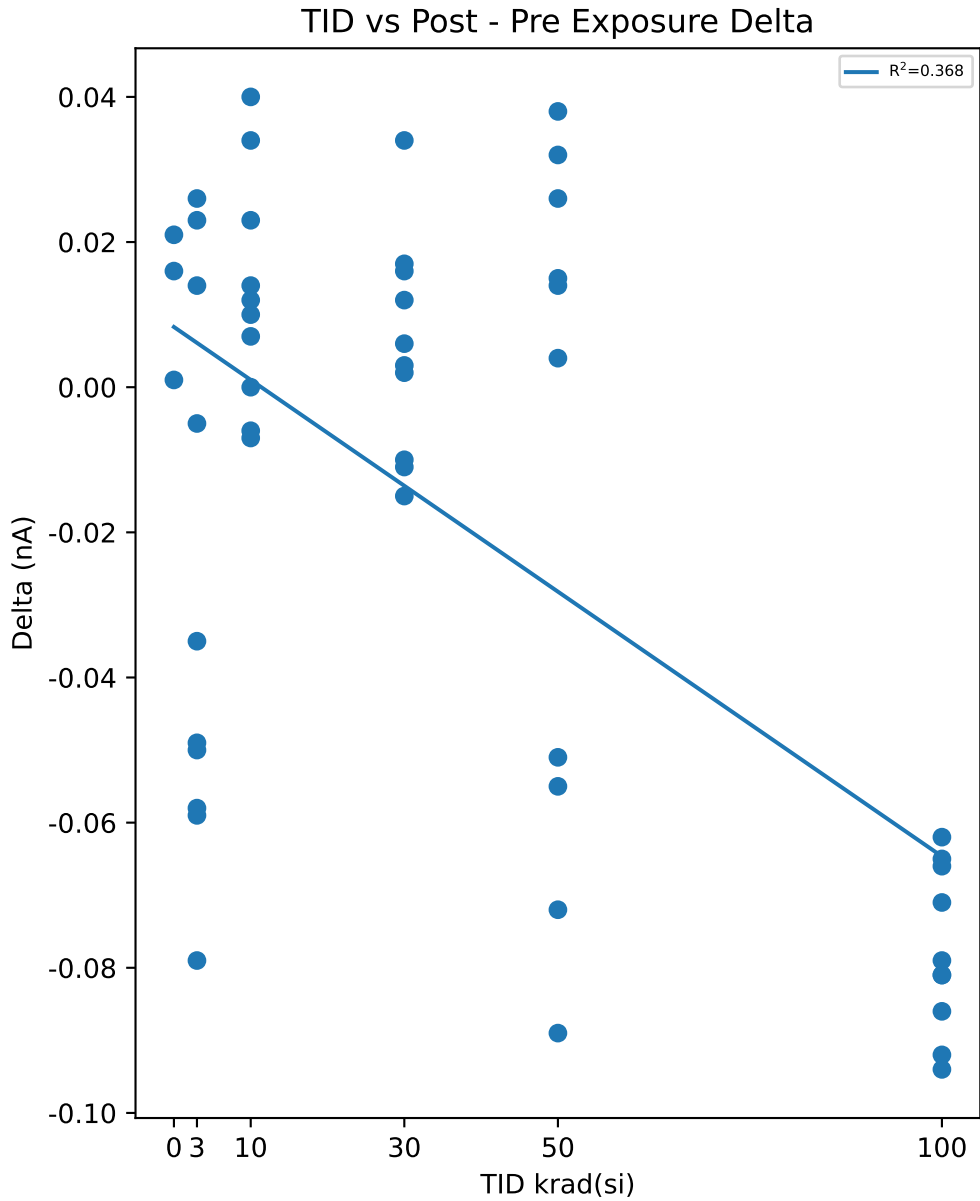
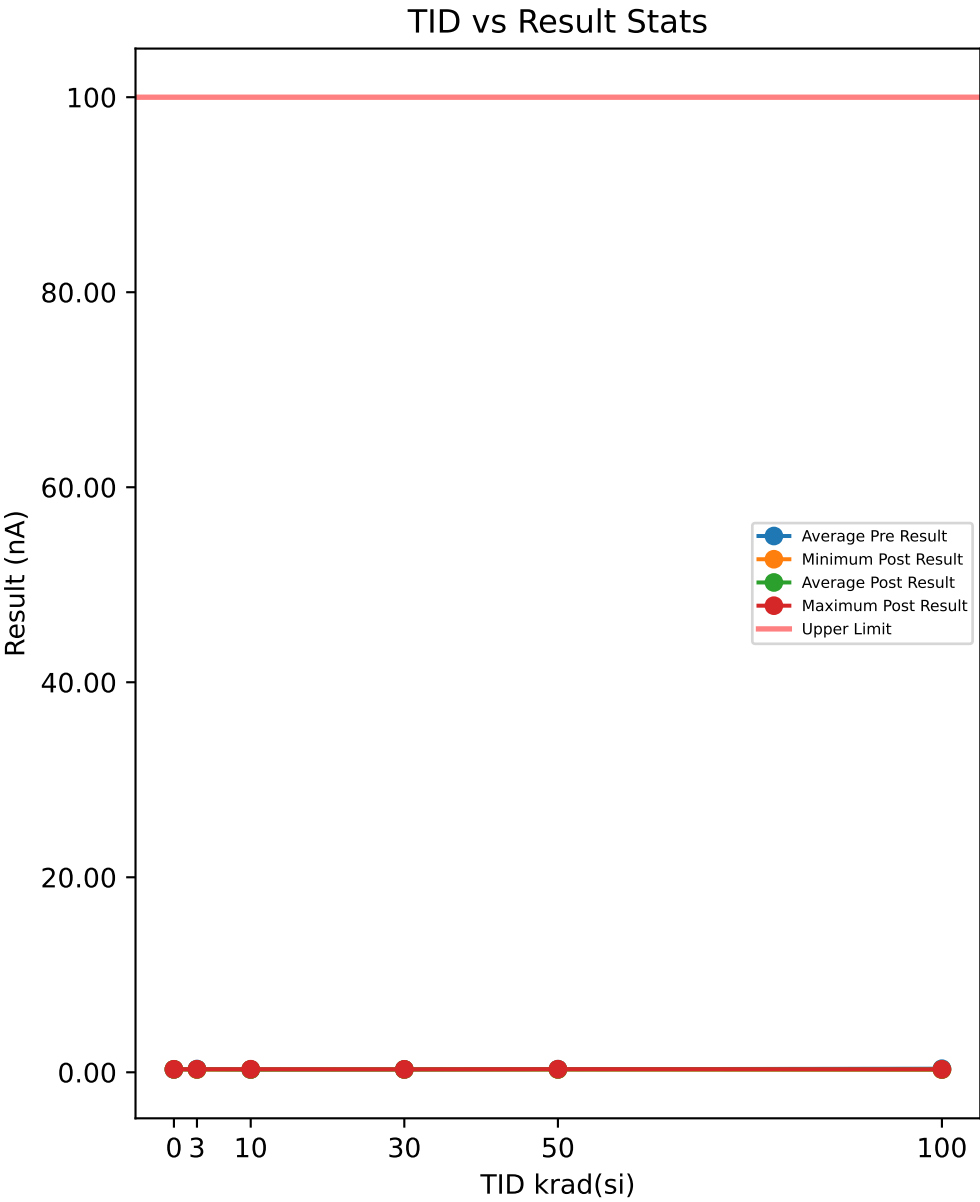


Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.243	0.305	0.062
301	0	Correlation	0.241	0.289	0.048
302	0	Correlation	0.27	0.287	0.017
303	3	Bias	-0.42	0.292	0.712
304	3	Bias	-0.427	0.288	0.715
305	3	Bias	-0.42	0.297	0.717
306	3	Bias	-0.434	0.296	0.73
307	3	Bias	-0.438	0.297	0.735
308	3	Unbiased	-0.466	0.269	0.735
309	3	Unbiased	0.307	0.286	-0.021
310	3	Unbiased	0.301	0.3	-0.001
311	3	Unbiased	0.303	0.28	-0.023
312	3	Unbiased	0.288	0.306	0.018
313	10	Bias	0.298	0.281	-0.017
314	10	Bias	0.292	0.273	-0.019
315	10	Bias	0.297	0.294	-0.003
316	10	Bias	0.3	0.293	-0.007
317	10	Bias	0.284	0.292	0.008
318	10	Unbiased	0.306	0.29	-0.016
319	10	Unbiased	0.31	0.296	-0.014
320	10	Unbiased	0.288	0.31	0.022
321	10	Unbiased	0.293	0.29	-0.003
322	10	Unbiased	0.298	0.281	-0.017
323	30	Bias	0.291	0.281	-0.01
324	30	Bias	0.287	0.298	0.011
325	30	Bias	0.295	0.281	-0.014
326	30	Bias	0.288	0.289	0.001
327	30	Bias	0.304	0.291	-0.013
328	30	Unbiased	0.289	0.298	0.009
329	30	Unbiased	0.302	0.297	-0.005
330	30	Unbiased	0.304	0.295	-0.009
331	30	Unbiased	0.291	0.301	0.01
332	30	Unbiased	0.286	0.291	0.005
333	50	Bias	0.278	0.307	0.029
334	50	Bias	0.303	0.276	-0.027
335	50	Bias	0.28	0.293	0.013
336	50	Bias	0.294	0.285	-0.009
337	50	Bias	0.288	0.307	0.019
338	50	Unbiased	0.286	0.277	-0.009
339	50	Unbiased	-0.426	0.297	0.723
340	50	Unbiased	-0.426	0.296	0.722
341	50	Unbiased	-0.445	0.287	0.732
342	50	Unbiased	-0.437	0.284	0.721
343	100	Bias	-0.421	0.296	0.717
344	100	Bias	-0.467	0.298	0.765
345	100	Bias	-0.463	0.299	0.762
346	100	Bias	-0.464	0.284	0.748
347	100	Bias	-0.458	0.293	0.751
348	100	Unbiased	-0.437	0.306	0.743
349	100	Unbiased	-0.441	0.284	0.725
350	100	Unbiased	-0.443	0.28	0.723
351	100	Unbiased	-0.45	0.293	0.743
352	100	Unbiased	-0.475	0.297	0.772

Test Statistics (nA)

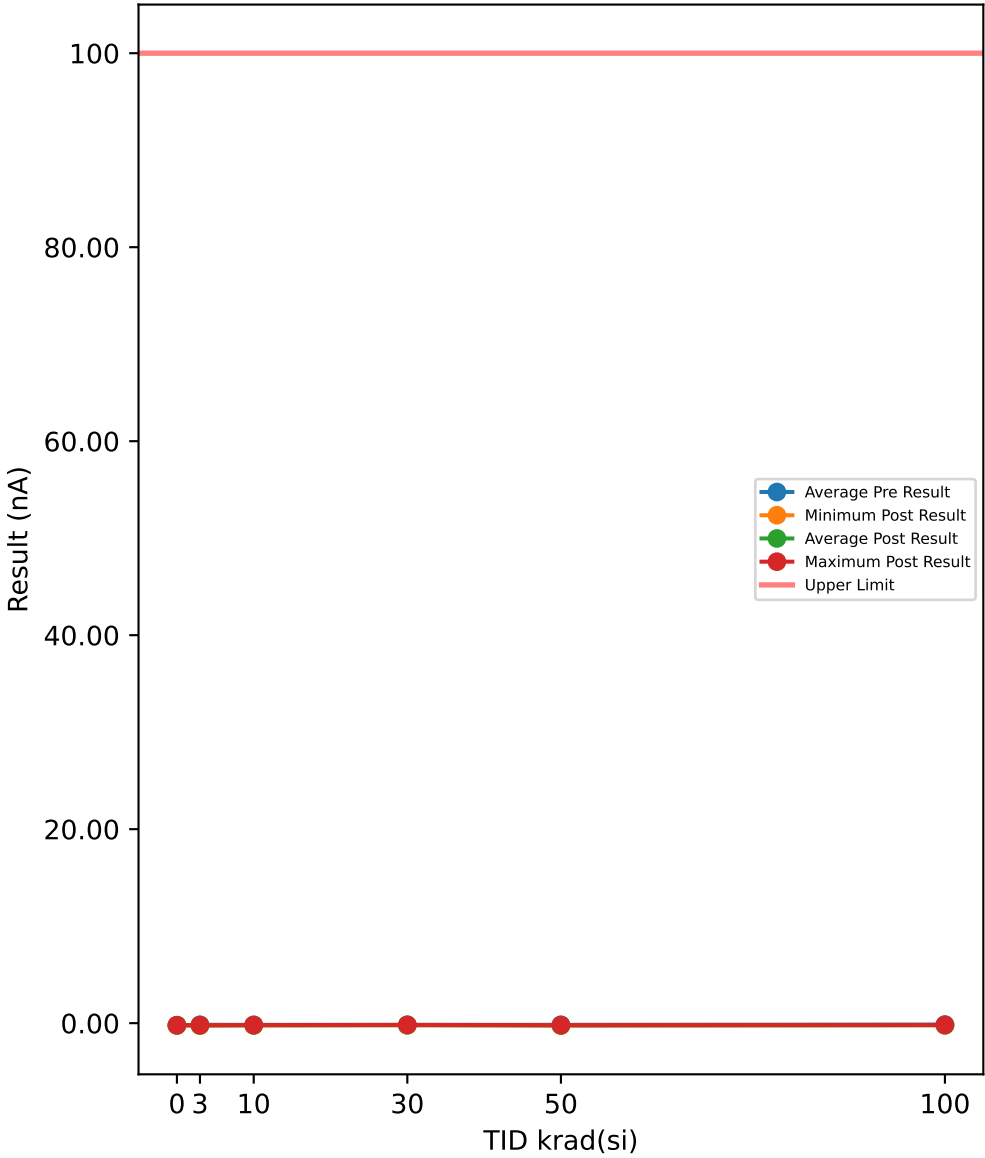
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.241	0.25133	0.27	0.016197	0.287	0.29367	0.305	0.0098658	0.017	0.042333	0.062	0.023029
3	-0.466	-0.1406	0.307	0.37924	0.269	0.2911	0.306	0.010765	-0.023	0.4317	0.735	0.3776
10	0.284	0.2966	0.31	0.0078202	0.273	0.29	0.31	0.010088	-0.019	-0.0066	0.022	0.013209
30	0.286	0.2937	0.304	0.0071188	0.281	0.2922	0.301	0.0069889	-0.014	-0.0015	0.011	0.0098686
50	-0.445	-0.0005	0.303	0.37277	0.276	0.2909	0.307	0.01105	-0.027	0.2914	0.732	0.3731
100	-0.475	-0.4519	-0.421	0.016489	0.28	0.293	0.306	0.0080691	0.717	0.7449	0.772	0.018675



Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.285	0.301	0.016
301	0	Correlation	0.3	0.301	0.001
302	0	Correlation	0.288	0.309	0.021
303	3	Bias	0.347	0.312	-0.035
304	3	Bias	0.356	0.307	-0.049
305	3	Bias	0.36	0.301	-0.059
306	3	Bias	0.367	0.317	-0.05
307	3	Bias	0.357	0.299	-0.058
308	3	Unbiased	0.38	0.301	-0.079
309	3	Unbiased	0.287	0.301	0.014
310	3	Unbiased	0.293	0.316	0.023
311	3	Unbiased	0.281	0.307	0.026
312	3	Unbiased	0.282	0.277	-0.005
313	10	Bias	0.269	0.279	0.01
314	10	Bias	0.285	0.292	0.007
315	10	Bias	0.293	0.287	-0.006
316	10	Bias	0.282	0.294	0.012
317	10	Bias	0.29	0.283	-0.007
318	10	Unbiased	0.267	0.301	0.034
319	10	Unbiased	0.294	0.294	0
320	10	Unbiased	0.274	0.288	0.014
321	10	Unbiased	0.285	0.308	0.023
322	10	Unbiased	0.277	0.317	0.04
323	30	Bias	0.285	0.302	0.017
324	30	Bias	0.288	0.3	0.012
325	30	Bias	0.273	0.307	0.034
326	30	Bias	0.287	0.303	0.016
327	30	Bias	0.309	0.298	-0.011
328	30	Unbiased	0.298	0.301	0.003
329	30	Unbiased	0.302	0.287	-0.015
330	30	Unbiased	0.304	0.294	-0.01
331	30	Unbiased	0.281	0.283	0.002
332	30	Unbiased	0.291	0.297	0.006
333	50	Bias	0.269	0.283	0.014
334	50	Bias	0.278	0.282	0.004
335	50	Bias	0.279	0.294	0.015
336	50	Bias	0.284	0.322	0.038
337	50	Bias	0.274	0.3	0.026
338	50	Unbiased	0.28	0.312	0.032
339	50	Unbiased	0.381	0.292	-0.089
340	50	Unbiased	0.386	0.314	-0.072
341	50	Unbiased	0.363	0.308	-0.055
342	50	Unbiased	0.366	0.315	-0.051
343	100	Bias	0.384	0.29	-0.094
344	100	Bias	0.343	0.278	-0.065
345	100	Bias	0.37	0.289	-0.081
346	100	Bias	0.359	0.267	-0.092
347	100	Bias	0.377	0.306	-0.071
348	100	Unbiased	0.364	0.302	-0.062
349	100	Unbiased	0.381	0.3	-0.081
350	100	Unbiased	0.372	0.286	-0.086
351	100	Unbiased	0.37	0.291	-0.079
352	100	Unbiased	0.366	0.3	-0.066

Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.285	0.291	0.3	0.0079373	0.301	0.30367	0.309	0.0046188	0.001	0.012667	0.021	0.010408
3	0.281	0.331	0.38	0.039967	0.277	0.3038	0.317	0.011429	-0.079	-0.0272	0.026	0.038354
10	0.267	0.2816	0.294	0.009594	0.279	0.2943	0.317	0.011586	-0.007	0.0127	0.04	0.015798
30	0.273	0.2918	0.309	0.011263	0.283	0.2972	0.307	0.0073907	-0.015	0.0054	0.034	0.015086
50	0.269	0.316	0.386	0.050487	0.282	0.3022	0.322	0.014054	-0.089	-0.0138	0.038	0.047618
100	0.343	0.3686	0.384	0.011796	0.267	0.2909	0.306	0.011939	-0.094	-0.0777	-0.062	0.011314

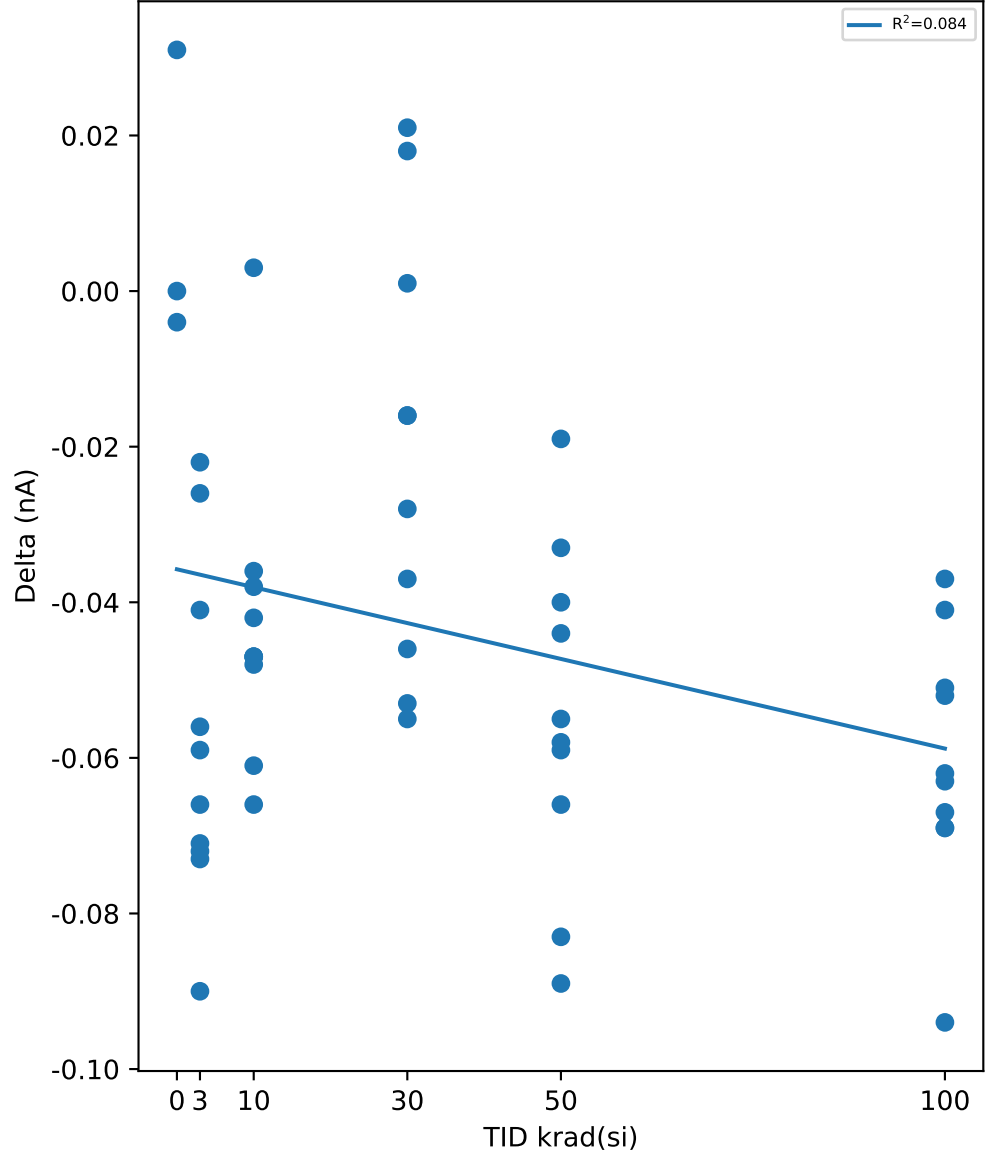
TID vs Result Stats



Test Results (Upper Limit = 100.0 (nA))

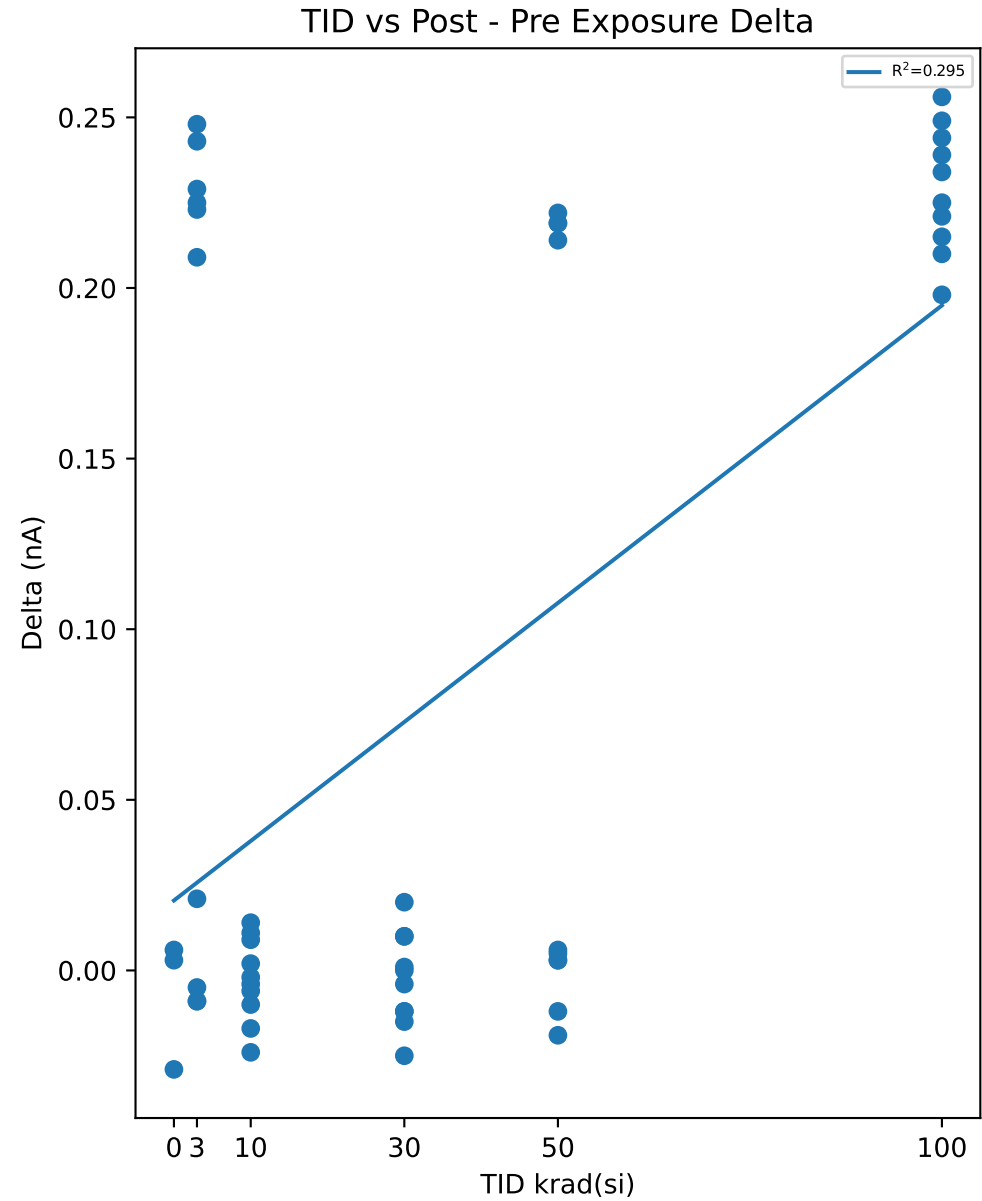
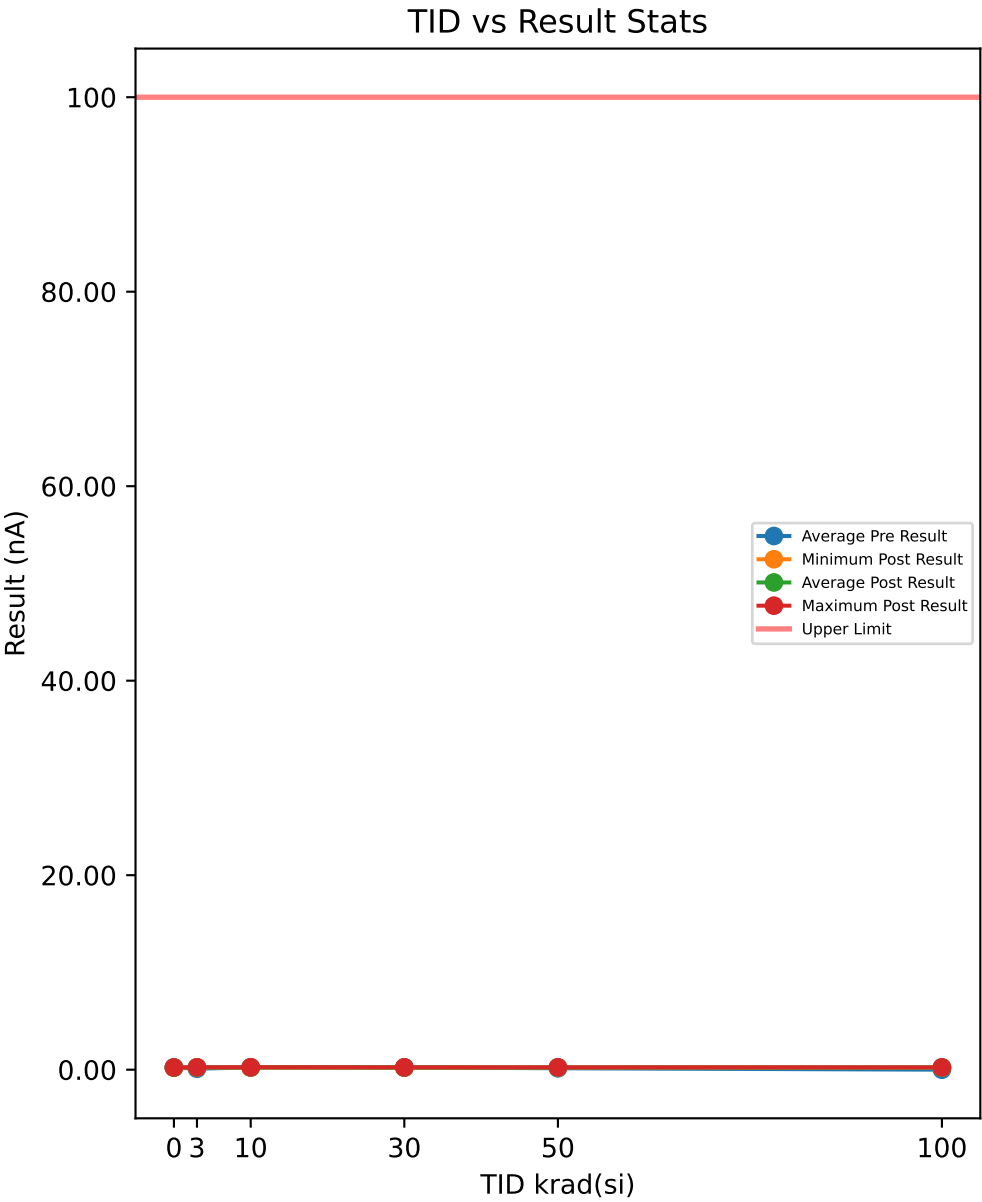
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	-0.227	-0.231	-0.004
301	0	Correlation	-0.24	-0.209	0.031
302	0	Correlation	-0.216	-0.216	0
303	3	Bias	-0.157	-0.228	-0.071
304	3	Bias	-0.153	-0.212	-0.059
305	3	Bias	-0.162	-0.228	-0.066
306	3	Bias	-0.175	-0.201	-0.026
307	3	Bias	-0.174	-0.23	-0.056
308	3	Unbiased	-0.14	-0.213	-0.073
309	3	Unbiased	-0.182	-0.204	-0.022
310	3	Unbiased	-0.183	-0.224	-0.041
311	3	Unbiased	-0.189	-0.261	-0.072
312	3	Unbiased	-0.161	-0.251	-0.09
313	10	Bias	-0.193	-0.24	-0.047
314	10	Bias	-0.201	-0.243	-0.042
315	10	Bias	-0.172	-0.208	-0.036
316	10	Bias	-0.161	-0.227	-0.066
317	10	Bias	-0.196	-0.193	0.003
318	10	Unbiased	-0.178	-0.225	-0.047
319	10	Unbiased	-0.158	-0.219	-0.061
320	10	Unbiased	-0.154	-0.202	-0.048
321	10	Unbiased	-0.175	-0.213	-0.038
322	10	Unbiased	-0.166	-0.213	-0.047
323	30	Bias	-0.18	-0.208	-0.028
324	30	Bias	-0.152	-0.207	-0.055
325	30	Bias	-0.152	-0.205	-0.053
326	30	Bias	-0.181	-0.218	-0.037
327	30	Bias	-0.191	-0.207	-0.016
328	30	Unbiased	-0.186	-0.185	0.001
329	30	Unbiased	-0.196	-0.175	0.021
330	30	Unbiased	-0.202	-0.184	0.018
331	30	Unbiased	-0.179	-0.195	-0.016
332	30	Unbiased	-0.18	-0.226	-0.046
333	50	Bias	-0.183	-0.202	-0.019
334	50	Bias	-0.174	-0.214	-0.04
335	50	Bias	-0.202	-0.257	-0.055
336	50	Bias	-0.203	-0.247	-0.044
337	50	Bias	-0.194	-0.227	-0.033
338	50	Unbiased	-0.176	-0.242	-0.066
339	50	Unbiased	-0.133	-0.222	-0.089
340	50	Unbiased	-0.164	-0.223	-0.059
341	50	Unbiased	-0.165	-0.223	-0.058
342	50	Unbiased	-0.117	-0.2	-0.083
343	100	Bias	-0.162	-0.225	-0.063
344	100	Bias	-0.167	-0.204	-0.037
345	100	Bias	-0.163	-0.215	-0.052
346	100	Bias	-0.117	-0.211	-0.094
347	100	Bias	-0.137	-0.206	-0.069
348	100	Unbiased	-0.148	-0.217	-0.069
349	100	Unbiased	-0.171	-0.212	-0.041
350	100	Unbiased	-0.133	-0.2	-0.067
351	100	Unbiased	-0.119	-0.181	-0.062
352	100	Unbiased	-0.144	-0.195	-0.051

TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.24	-0.22767	-0.216	0.012014	-0.231	-0.21867	-0.209	0.01124	-0.004	0.009	0.031	0.019157
3	-0.189	-0.1676	-0.14	0.015493	-0.261	-0.2252	-0.201	0.01928	-0.09	-0.0576	-0.022	0.021834
10	-0.201	-0.1754	-0.154	0.016548	-0.243	-0.2183	-0.193	0.015882	-0.066	-0.0429	0.003	0.01861
30	-0.202	-0.1799	-0.152	0.016556	-0.226	-0.201	-0.175	0.016014	-0.055	-0.0211	0.021	0.027747
50	-0.203	-0.1711	-0.117	0.02816	-0.257	-0.2257	-0.2	0.018524	-0.089	-0.0546	-0.019	0.021629
100	-0.171	-0.1461	-0.117	0.019547	-0.225	-0.2066	-0.181	0.012501	-0.094	-0.0605	-0.037	0.016372

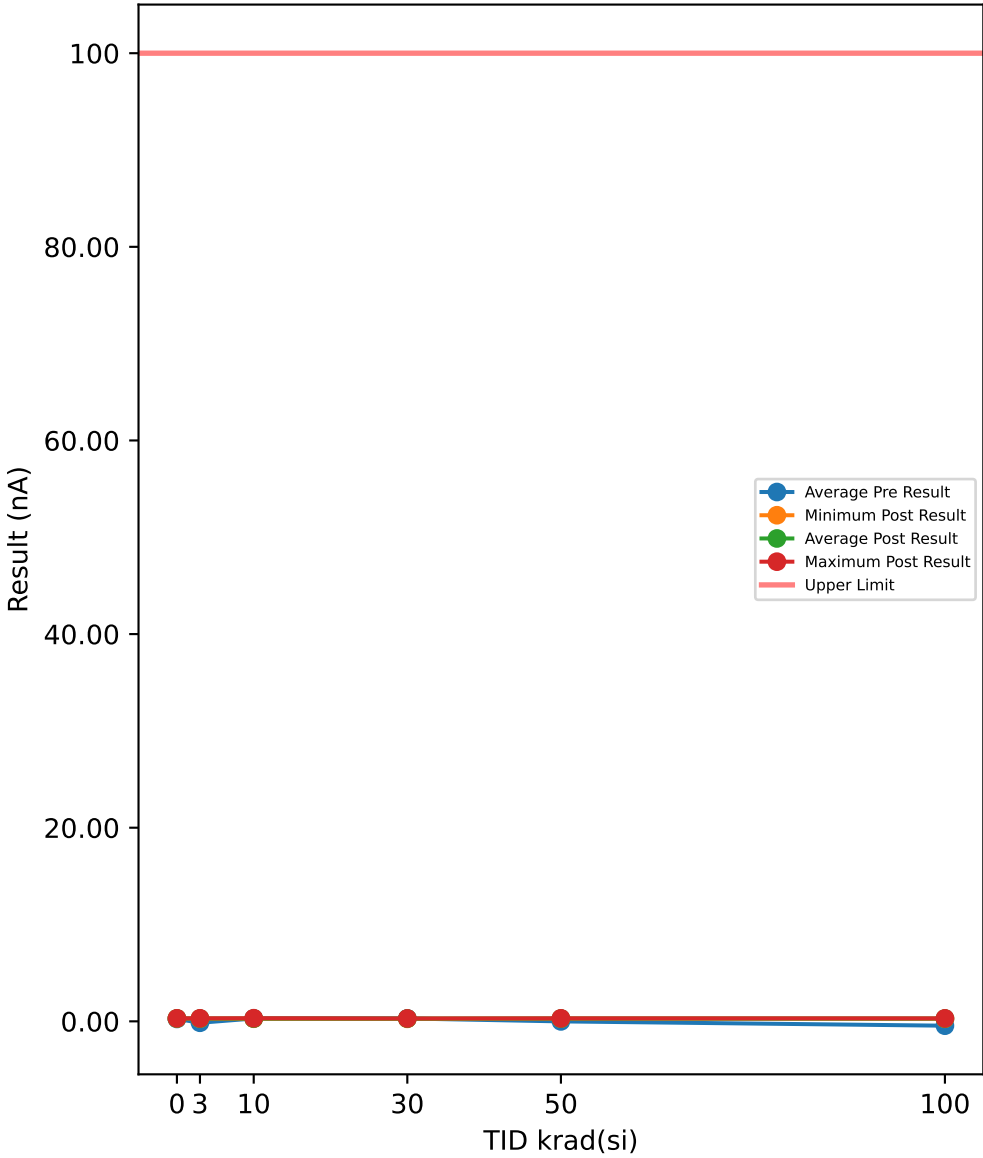


Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.205	0.208	0.003
301	0	Correlation	0.246	0.217	-0.029
302	0	Correlation	0.227	0.233	0.006
303	3	Bias	0.005	0.248	0.243
304	3	Bias	-0.003	0.245	0.248
305	3	Bias	0.009	0.234	0.225
306	3	Bias	0	0.229	0.229
307	3	Bias	0.02	0.243	0.223
308	3	Unbiased	0.014	0.223	0.209
309	3	Unbiased	0.244	0.235	-0.009
310	3	Unbiased	0.224	0.245	0.021
311	3	Unbiased	0.228	0.219	-0.009
312	3	Unbiased	0.235	0.23	-0.005
313	10	Bias	0.233	0.235	0.002
314	10	Bias	0.25	0.226	-0.024
315	10	Bias	0.247	0.237	-0.01
316	10	Bias	0.242	0.253	0.011
317	10	Bias	0.219	0.217	-0.002
318	10	Unbiased	0.241	0.224	-0.017
319	10	Unbiased	0.236	0.25	0.014
320	10	Unbiased	0.231	0.24	0.009
321	10	Unbiased	0.245	0.241	-0.004
322	10	Unbiased	0.233	0.227	-0.006
323	30	Bias	0.222	0.223	0.001
324	30	Bias	0.221	0.221	0
325	30	Bias	0.237	0.233	-0.004
326	30	Bias	0.234	0.244	0.01
327	30	Bias	0.219	0.229	0.01
328	30	Unbiased	0.24	0.228	-0.012
329	30	Unbiased	0.228	0.203	-0.025
330	30	Unbiased	0.217	0.205	-0.012
331	30	Unbiased	0.221	0.241	0.02
332	30	Unbiased	0.236	0.221	-0.015
333	50	Bias	0.236	0.217	-0.019
334	50	Bias	0.233	0.239	0.006
335	50	Bias	0.222	0.225	0.003
336	50	Bias	0.233	0.238	0.005
337	50	Bias	0.234	0.222	-0.012
338	50	Unbiased	0.233	0.236	0.003
339	50	Unbiased	0.021	0.243	0.222
340	50	Unbiased	0.005	0.219	0.214
341	50	Unbiased	0.012	0.231	0.219
342	50	Unbiased	0.019	0.238	0.219
343	100	Bias	0.008	0.229	0.221
344	100	Bias	0.002	0.217	0.215
345	100	Bias	-0.003	0.207	0.21
346	100	Bias	-0.008	0.236	0.244
347	100	Bias	0.019	0.217	0.198
348	100	Unbiased	-0.013	0.236	0.249
349	100	Unbiased	0	0.239	0.239
350	100	Unbiased	0.001	0.235	0.234
351	100	Unbiased	-0.025	0.231	0.256
352	100	Unbiased	0.017	0.242	0.225

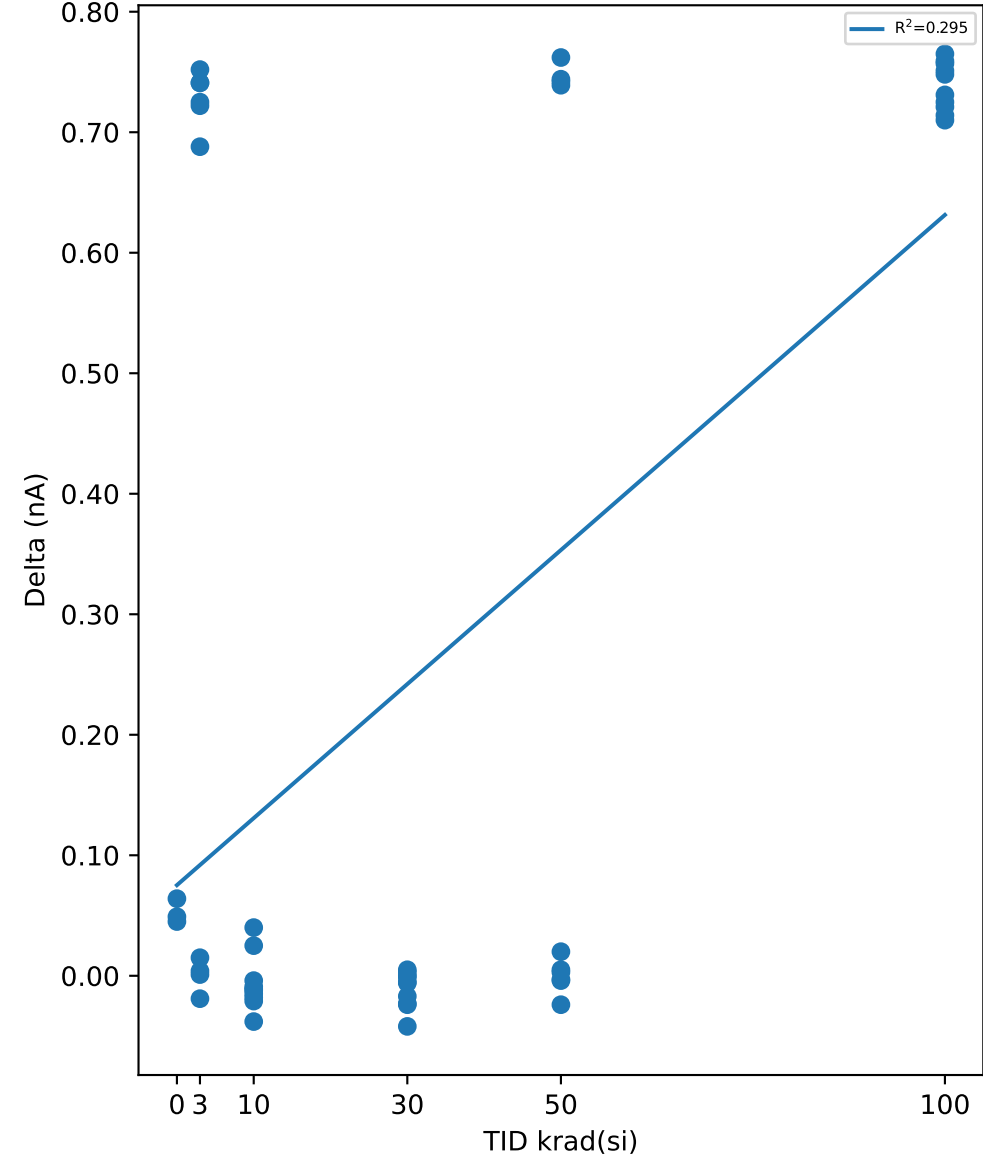
Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.205	0.226	0.246	0.020518	0.208	0.21933	0.233	0.012662	-0.029	-0.0066667	0.006	0.019399
3	-0.003	0.0976	0.244	0.11661	0.219	0.2351	0.248	0.0099716	-0.009	0.1375	0.248	0.11953
10	0.219	0.2377	0.25	0.0092021	0.217	0.235	0.253	0.011566	-0.024	-0.0027	0.014	0.012248
30	0.217	0.2275	0.24	0.0085538	0.203	0.2248	0.244	0.01344	-0.025	-0.0027	0.02	0.013671
50	0.005	0.1448	0.236	0.1125	0.217	0.2308	0.243	0.0093547	-0.019	0.086	0.222	0.11432
100	-0.025	-0.0002	0.019	0.013273	0.207	0.2289	0.242	0.011445	0.198	0.2291	0.256	0.01849

Device Test: 6.21 ; ILKG_SENSE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



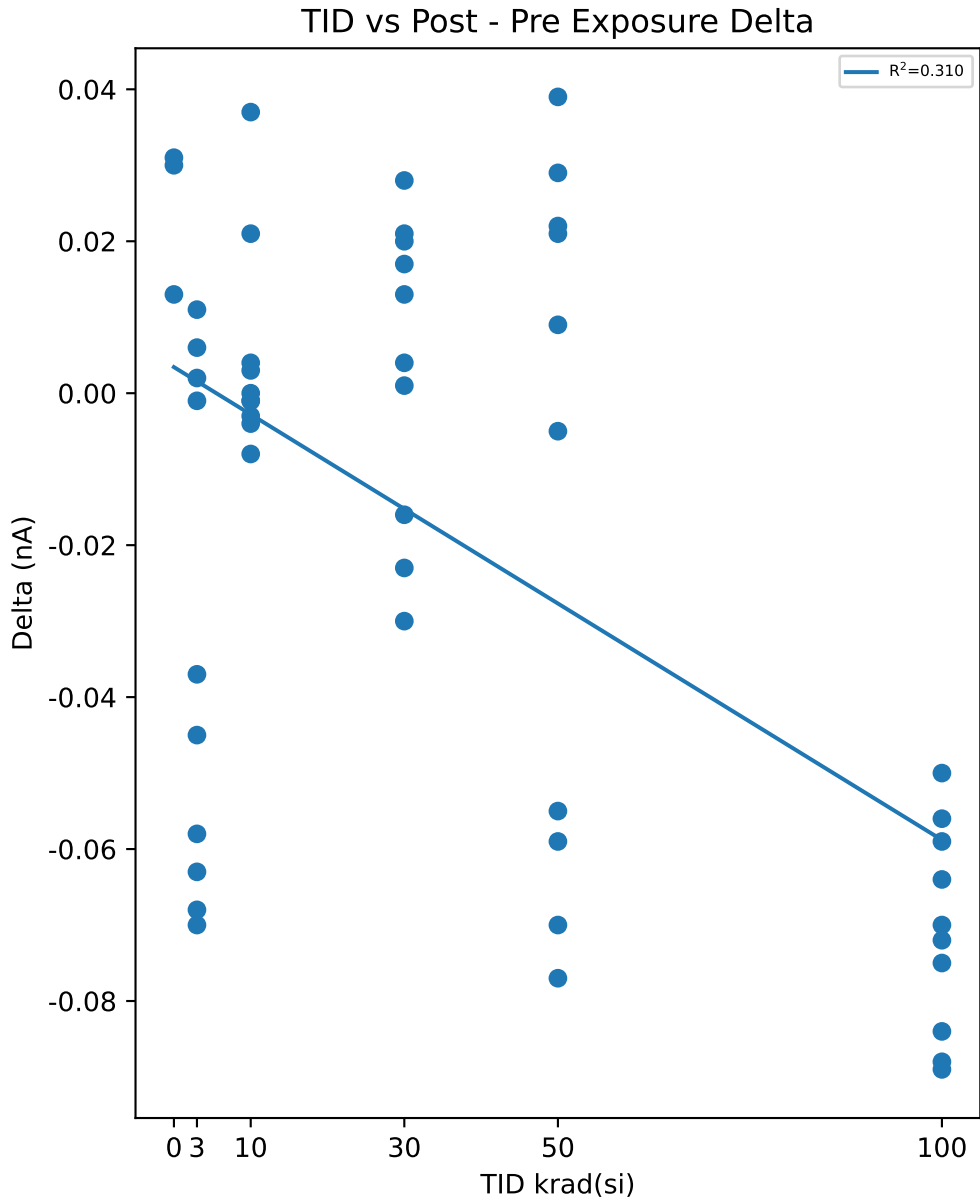
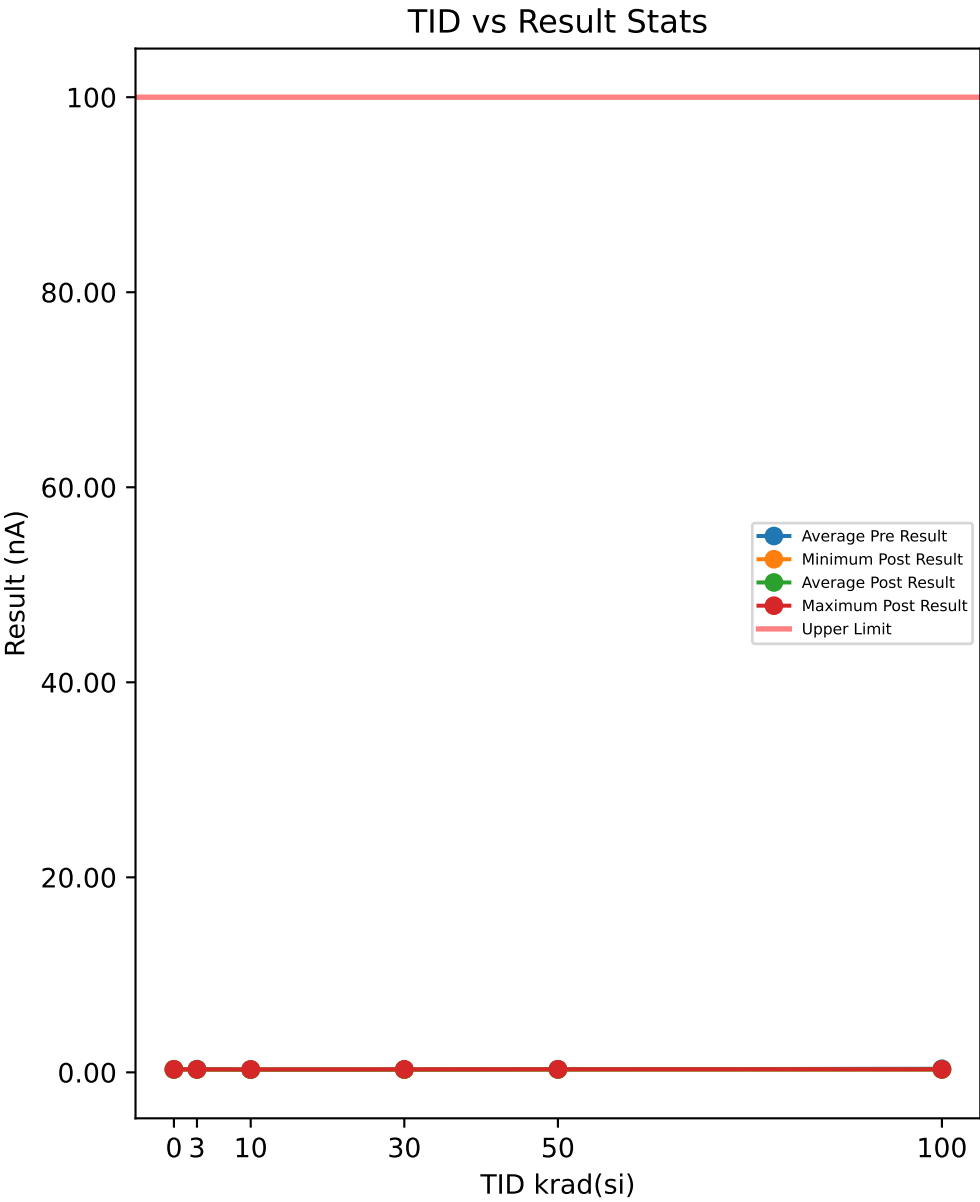
Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.233	0.297	0.064
301	0	Correlation	0.244	0.293	0.049
302	0	Correlation	0.267	0.312	0.045
303	3	Bias	-0.427	0.314	0.741
304	3	Bias	-0.458	0.283	0.741
305	3	Bias	-0.42	0.268	0.688
306	3	Bias	-0.443	0.309	0.752
307	3	Bias	-0.447	0.278	0.725
308	3	Unbiased	-0.449	0.273	0.722
309	3	Unbiased	0.286	0.29	0.004
310	3	Unbiased	0.295	0.31	0.015
311	3	Unbiased	0.293	0.274	-0.019
312	3	Unbiased	0.3	0.301	0.001
313	10	Bias	0.295	0.284	-0.011
314	10	Bias	0.276	0.267	-0.009
315	10	Bias	0.29	0.278	-0.012
316	10	Bias	0.305	0.29	-0.015
317	10	Bias	0.288	0.27	-0.018
318	10	Unbiased	0.284	0.324	0.04
319	10	Unbiased	0.304	0.283	-0.021
320	10	Unbiased	0.276	0.301	0.025
321	10	Unbiased	0.302	0.298	-0.004
322	10	Unbiased	0.31	0.272	-0.038
323	30	Bias	0.3	0.258	-0.042
324	30	Bias	0.291	0.29	-0.001
325	30	Bias	0.299	0.294	-0.005
326	30	Bias	0.281	0.281	0
327	30	Bias	0.296	0.299	0.003
328	30	Unbiased	0.306	0.289	-0.017
329	30	Unbiased	0.296	0.273	-0.023
330	30	Unbiased	0.316	0.292	-0.024
331	30	Unbiased	0.287	0.292	0.005
332	30	Unbiased	0.295	0.289	-0.006
333	50	Bias	0.285	0.288	0.003
334	50	Bias	0.28	0.3	0.02
335	50	Bias	0.295	0.292	-0.003
336	50	Bias	0.298	0.274	-0.024
337	50	Bias	0.299	0.295	-0.004
338	50	Unbiased	0.283	0.288	0.005
339	50	Unbiased	-0.431	0.311	0.742
340	50	Unbiased	-0.446	0.298	0.744
341	50	Unbiased	-0.476	0.286	0.762
342	50	Unbiased	-0.445	0.294	0.739
343	100	Bias	-0.446	0.279	0.725
344	100	Bias	-0.45	0.307	0.757
345	100	Bias	-0.462	0.297	0.759
346	100	Bias	-0.451	0.297	0.748
347	100	Bias	-0.467	0.298	0.765
348	100	Unbiased	-0.455	0.266	0.721
349	100	Unbiased	-0.437	0.294	0.731
350	100	Unbiased	-0.436	0.278	0.714
351	100	Unbiased	-0.424	0.286	0.71
352	100	Unbiased	-0.468	0.283	0.751

Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.233	0.248	0.267	0.017349	0.293	0.30067	0.312	0.010017	0.045	0.052667	0.064	0.010017
3	-0.458	-0.147	0.3	0.37929	0.268	0.29	0.314	0.017256	-0.019	0.437	0.752	0.37636
10	0.276	0.293	0.31	0.012166	0.267	0.2867	0.324	0.017366	-0.038	-0.0063	0.04	0.022667
30	0.281	0.2967	0.316	0.0097303	0.258	0.2857	0.299	0.012093	-0.042	-0.011	0.005	0.01507
50	-0.476	-0.0058	0.299	0.38208	0.274	0.2926	0.311	0.0097889	-0.024	0.2984	0.762	0.38607
100	-0.468	-0.4496	-0.424	0.014292	0.266	0.2885	0.307	0.01225	0.71	0.7381	0.765	0.020185

Device Test: 6.22 ; ILKG_SENSE

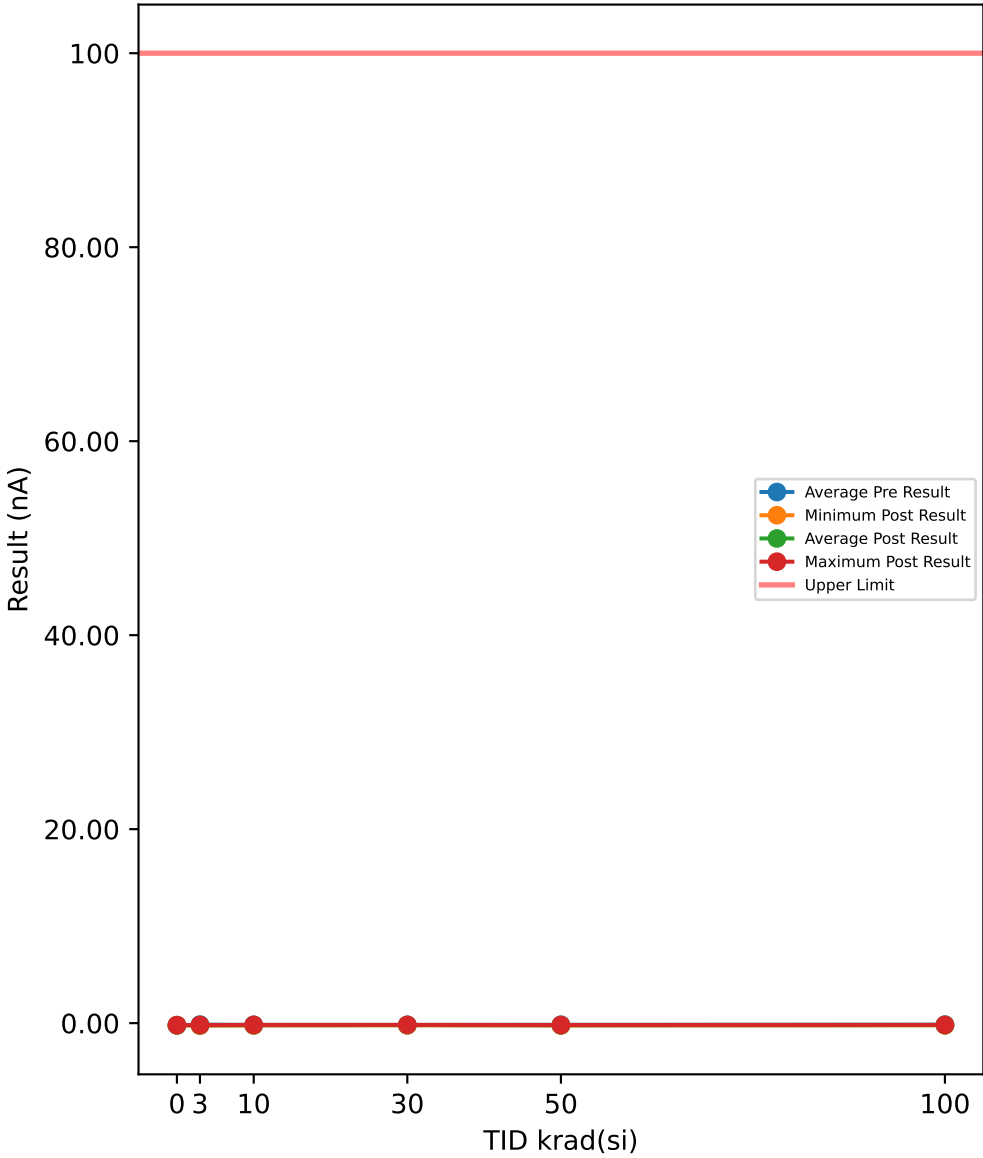


Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.286	0.316	0.03
301	0	Correlation	0.296	0.309	0.013
302	0	Correlation	0.269	0.3	0.031
303	3	Bias	0.351	0.306	-0.045
304	3	Bias	0.346	0.309	-0.037
305	3	Bias	0.357	0.294	-0.063
306	3	Bias	0.364	0.294	-0.07
307	3	Bias	0.37	0.302	-0.068
308	3	Unbiased	0.364	0.306	-0.058
309	3	Unbiased	0.289	0.3	0.011
310	3	Unbiased	0.292	0.298	0.006
311	3	Unbiased	0.289	0.291	0.002
312	3	Unbiased	0.286	0.285	-0.001
313	10	Bias	0.283	0.275	-0.008
314	10	Bias	0.281	0.28	-0.001
315	10	Bias	0.283	0.287	0.004
316	10	Bias	0.288	0.285	-0.003
317	10	Bias	0.291	0.29	-0.001
318	10	Unbiased	0.278	0.278	0
319	10	Unbiased	0.278	0.299	0.021
320	10	Unbiased	0.283	0.286	0.003
321	10	Unbiased	0.305	0.301	-0.004
322	10	Unbiased	0.262	0.299	0.037
323	30	Bias	0.265	0.293	0.028
324	30	Bias	0.277	0.294	0.017
325	30	Bias	0.263	0.284	0.021
326	30	Bias	0.278	0.298	0.02
327	30	Bias	0.304	0.274	-0.03
328	30	Unbiased	0.318	0.295	-0.023
329	30	Unbiased	0.288	0.289	0.001
330	30	Unbiased	0.304	0.288	-0.016
331	30	Unbiased	0.274	0.278	0.004
332	30	Unbiased	0.296	0.309	0.013
333	50	Bias	0.282	0.291	0.009
334	50	Bias	0.288	0.283	-0.005
335	50	Bias	0.282	0.303	0.021
336	50	Bias	0.278	0.307	0.029
337	50	Bias	0.266	0.288	0.022
338	50	Unbiased	0.276	0.315	0.039
339	50	Unbiased	0.367	0.29	-0.077
340	50	Unbiased	0.374	0.315	-0.059
341	50	Unbiased	0.377	0.307	-0.07
342	50	Unbiased	0.374	0.319	-0.055
343	100	Bias	0.371	0.315	-0.056
344	100	Bias	0.38	0.291	-0.089
345	100	Bias	0.355	0.296	-0.059
346	100	Bias	0.366	0.294	-0.072
347	100	Bias	0.386	0.298	-0.088
348	100	Unbiased	0.371	0.301	-0.07
349	100	Unbiased	0.377	0.302	-0.075
350	100	Unbiased	0.388	0.304	-0.084
351	100	Unbiased	0.371	0.307	-0.064
352	100	Unbiased	0.351	0.301	-0.05

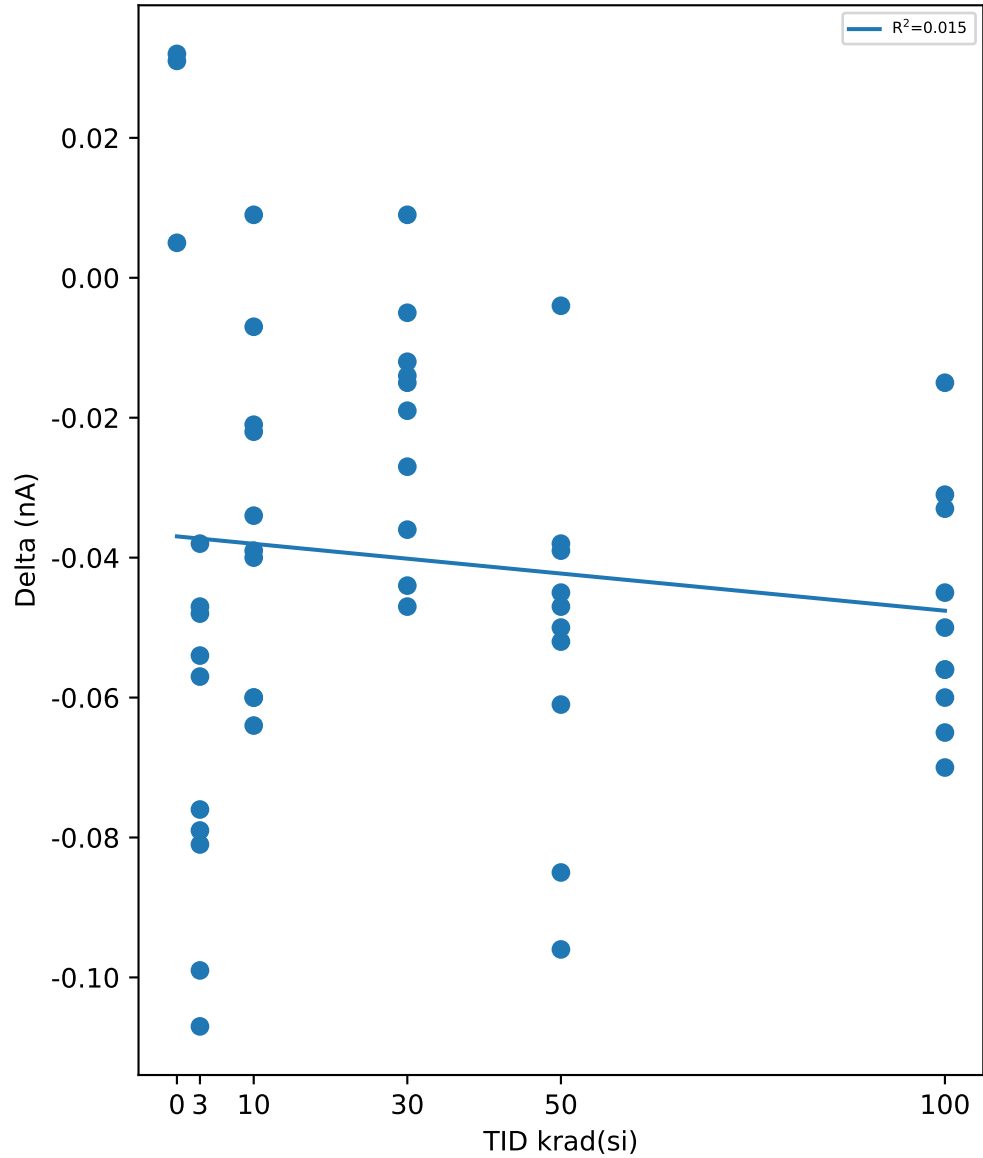
Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.269	0.28367	0.296	0.01365	0.3	0.30833	0.316	0.0080208	0.013	0.024667	0.031	0.010116
3	0.286	0.3308	0.37	0.036627	0.285	0.2985	0.309	0.0075755	-0.07	-0.0323	0.011	0.0333
10	0.262	0.2832	0.305	0.010891	0.275	0.288	0.301	0.0092014	-0.008	0.0048	0.037	0.013726
30	0.263	0.2867	0.318	0.018349	0.274	0.2902	0.309	0.010086	-0.03	0.0035	0.028	0.020173
50	0.266	0.3164	0.377	0.04909	0.283	0.3018	0.319	0.012908	-0.077	-0.0146	0.039	0.045456
100	0.351	0.3716	0.388	0.012057	0.291	0.3009	0.315	0.006871	-0.089	-0.0707	-0.05	0.013573

Device Test: 6.23 ; ILKG_SENSE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



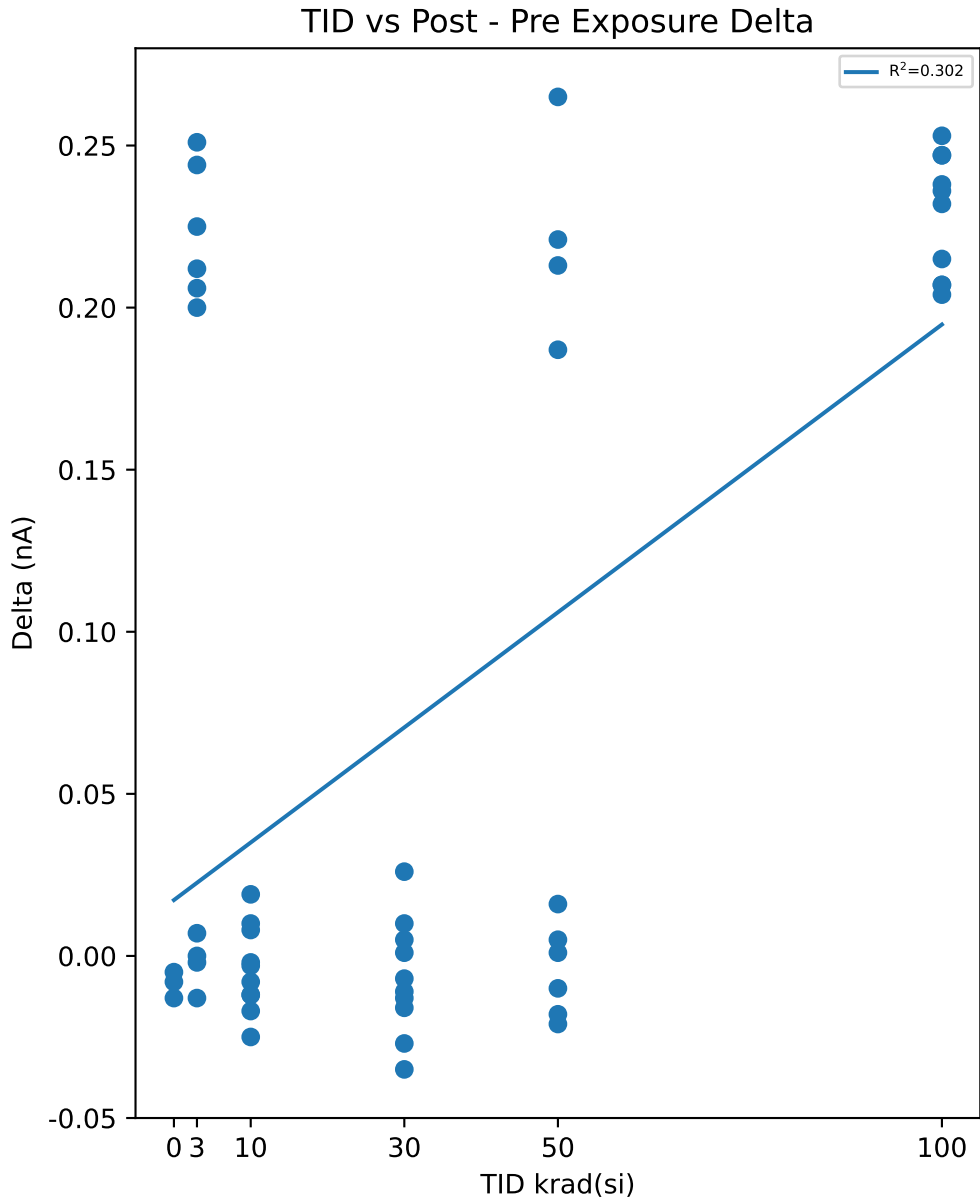
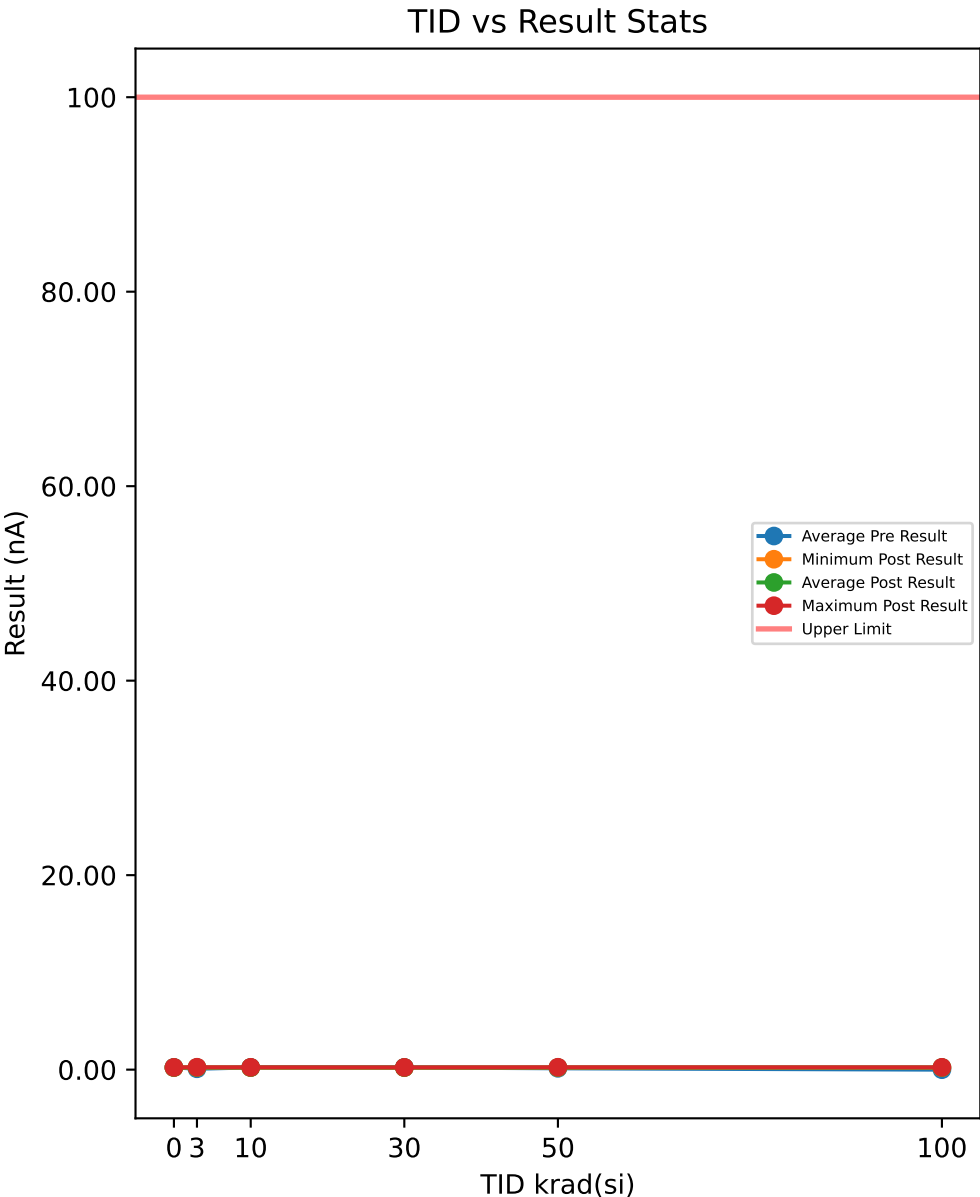
Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	-0.25	-0.218	0.032
301	0	Correlation	-0.25	-0.219	0.031
302	0	Correlation	-0.207	-0.202	0.005
303	3	Bias	-0.108	-0.215	-0.107
304	3	Bias	-0.148	-0.224	-0.076
305	3	Bias	-0.11	-0.209	-0.099
306	3	Bias	-0.137	-0.194	-0.057
307	3	Bias	-0.192	-0.23	-0.038
308	3	Unbiased	-0.119	-0.198	-0.079
309	3	Unbiased	-0.161	-0.209	-0.048
310	3	Unbiased	-0.171	-0.218	-0.047
311	3	Unbiased	-0.182	-0.263	-0.081
312	3	Unbiased	-0.177	-0.231	-0.054
313	10	Bias	-0.201	-0.24	-0.039
314	10	Bias	-0.199	-0.221	-0.022
315	10	Bias	-0.19	-0.181	0.009
316	10	Bias	-0.182	-0.222	-0.04
317	10	Bias	-0.196	-0.203	-0.007
318	10	Unbiased	-0.17	-0.23	-0.06
319	10	Unbiased	-0.143	-0.207	-0.064
320	10	Unbiased	-0.18	-0.201	-0.021
321	10	Unbiased	-0.16	-0.22	-0.06
322	10	Unbiased	-0.168	-0.202	-0.034
323	30	Bias	-0.186	-0.201	-0.015
324	30	Bias	-0.161	-0.197	-0.036
325	30	Bias	-0.16	-0.204	-0.044
326	30	Bias	-0.184	-0.198	-0.014
327	30	Bias	-0.191	-0.21	-0.019
328	30	Unbiased	-0.191	-0.203	-0.012
329	30	Unbiased	-0.188	-0.179	0.009
330	30	Unbiased	-0.188	-0.193	-0.005
331	30	Unbiased	-0.182	-0.209	-0.027
332	30	Unbiased	-0.178	-0.225	-0.047
333	50	Bias	-0.186	-0.19	-0.004
334	50	Bias	-0.181	-0.231	-0.05
335	50	Bias	-0.198	-0.243	-0.045
336	50	Bias	-0.196	-0.243	-0.047
337	50	Bias	-0.19	-0.228	-0.038
338	50	Unbiased	-0.172	-0.224	-0.052
339	50	Unbiased	-0.169	-0.208	-0.039
340	50	Unbiased	-0.135	-0.22	-0.085
341	50	Unbiased	-0.115	-0.211	-0.096
342	50	Unbiased	-0.149	-0.21	-0.061
343	100	Bias	-0.178	-0.223	-0.045
344	100	Bias	-0.147	-0.203	-0.056
345	100	Bias	-0.183	-0.214	-0.031
346	100	Bias	-0.142	-0.202	-0.06
347	100	Bias	-0.16	-0.193	-0.033
348	100	Unbiased	-0.174	-0.224	-0.05
349	100	Unbiased	-0.141	-0.211	-0.07
350	100	Unbiased	-0.168	-0.183	-0.015
351	100	Unbiased	-0.123	-0.179	-0.056
352	100	Unbiased	-0.144	-0.209	-0.065

Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.25	-0.23567	-0.207	0.024826	-0.219	-0.213	-0.202	0.0095394	0.005	0.022667	0.032	0.015308
3	-0.192	-0.1505	-0.108	0.030866	-0.263	-0.2191	-0.194	0.019745	-0.107	-0.0686	-0.038	0.02331
10	-0.201	-0.1789	-0.143	0.018747	-0.24	-0.2127	-0.181	0.017114	-0.064	-0.0338	0.009	0.024045
30	-0.191	-0.1809	-0.16	0.011464	-0.225	-0.2019	-0.179	0.012013	-0.047	-0.021	0.009	0.017613
50	-0.198	-0.1691	-0.115	0.027739	-0.243	-0.2208	-0.19	0.016592	-0.096	-0.0517	-0.004	0.0255
100	-0.183	-0.156	-0.123	0.019528	-0.224	-0.2041	-0.179	0.015373	-0.07	-0.0481	-0.015	0.017195

Device Test: 6.24 ; ILKG_SENSE

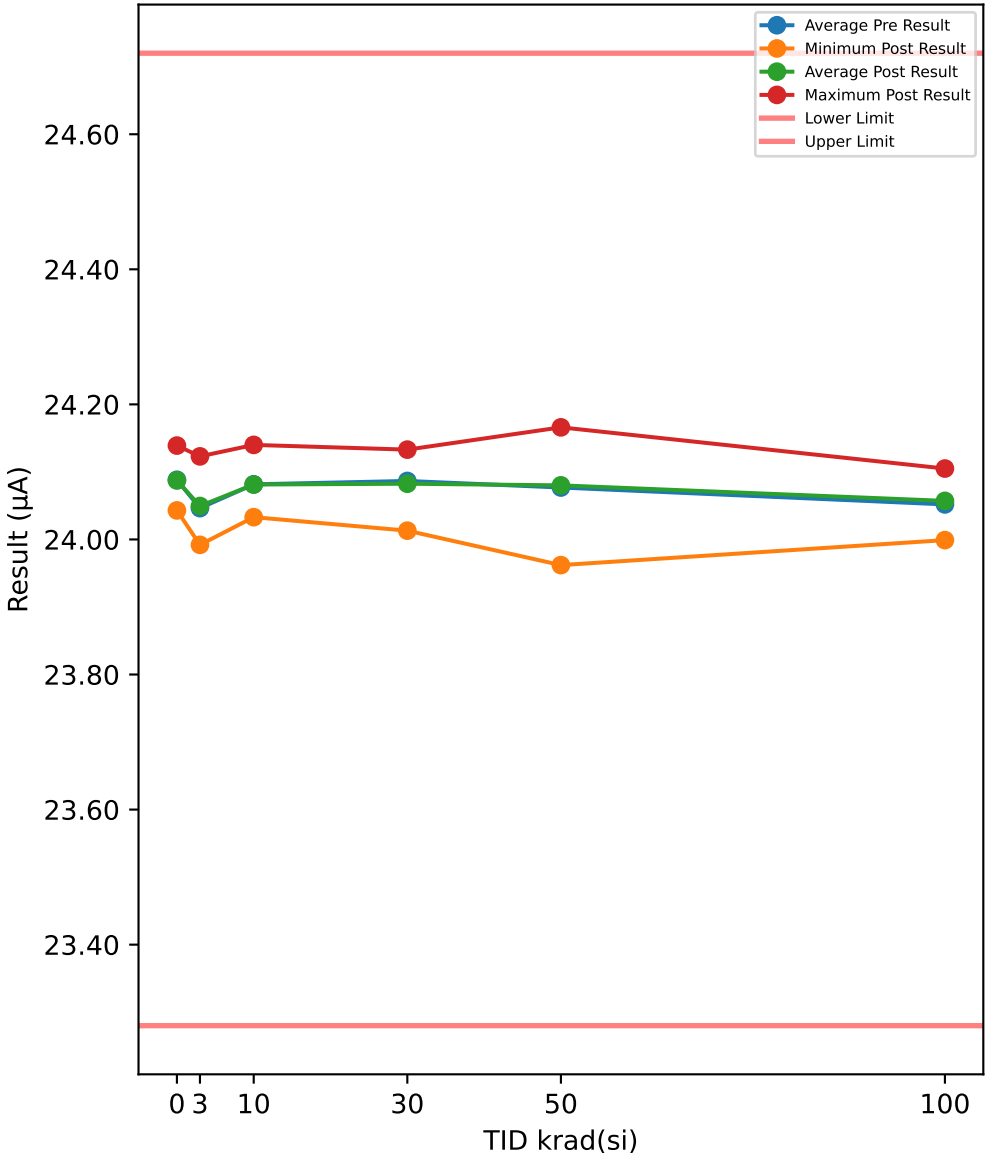


Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.214	0.206	-0.008
301	0	Correlation	0.23	0.217	-0.013
302	0	Correlation	0.239	0.234	-0.005
303	3	Bias	-0.003	0.248	0.251
304	3	Bias	-0.019	0.225	0.244
305	3	Bias	0.007	0.207	0.2
306	3	Bias	-0.011	0.214	0.225
307	3	Bias	0.01	0.216	0.206
308	3	Unbiased	0.003	0.215	0.212
309	3	Unbiased	0.225	0.225	0
310	3	Unbiased	0.214	0.221	0.007
311	3	Unbiased	0.212	0.21	-0.002
312	3	Unbiased	0.23	0.217	-0.013
313	10	Bias	0.229	0.226	-0.003
314	10	Bias	0.235	0.233	-0.002
315	10	Bias	0.23	0.218	-0.012
316	10	Bias	0.207	0.226	0.019
317	10	Bias	0.224	0.212	-0.012
318	10	Unbiased	0.244	0.219	-0.025
319	10	Unbiased	0.231	0.241	0.01
320	10	Unbiased	0.208	0.216	0.008
321	10	Unbiased	0.22	0.203	-0.017
322	10	Unbiased	0.217	0.209	-0.008
323	30	Bias	0.231	0.224	-0.007
324	30	Bias	0.223	0.233	0.01
325	30	Bias	0.219	0.22	0.001
326	30	Bias	0.223	0.228	0.005
327	30	Bias	0.229	0.213	-0.016
328	30	Unbiased	0.223	0.21	-0.013
329	30	Unbiased	0.244	0.209	-0.035
330	30	Unbiased	0.223	0.212	-0.011
331	30	Unbiased	0.206	0.232	0.026
332	30	Unbiased	0.227	0.2	-0.027
333	50	Bias	0.214	0.23	0.016
334	50	Bias	0.226	0.231	0.005
335	50	Bias	0.24	0.222	-0.018
336	50	Bias	0.218	0.208	-0.01
337	50	Bias	0.248	0.227	-0.021
338	50	Unbiased	0.223	0.224	0.001
339	50	Unbiased	-0.001	0.212	0.213
340	50	Unbiased	-0.002	0.219	0.221
341	50	Unbiased	0.012	0.199	0.187
342	50	Unbiased	-0.019	0.246	0.265
343	100	Bias	-0.007	0.225	0.232
344	100	Bias	0.002	0.209	0.207
345	100	Bias	-0.008	0.199	0.207
346	100	Bias	-0.01	0.237	0.247
347	100	Bias	0.008	0.212	0.204
348	100	Unbiased	-0.013	0.234	0.247
349	100	Unbiased	-0.005	0.231	0.236
350	100	Unbiased	-0.002	0.236	0.238
351	100	Unbiased	-0.014	0.239	0.253
352	100	Unbiased	-0.006	0.209	0.215

Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.214	0.22767	0.239	0.012662	0.206	0.219	0.234	0.014107	-0.013	-0.0086667	-0.005	0.0040415
3	-0.019	0.0868	0.23	0.11526	0.207	0.2198	0.248	0.011497	-0.013	0.133	0.251	0.11732
10	0.207	0.2245	0.244	0.011731	0.203	0.2203	0.241	0.011431	-0.025	-0.0042	0.019	0.013448
30	0.206	0.2248	0.244	0.0096009	0.2	0.2181	0.233	0.011101	-0.035	-0.0067	0.026	0.017957
50	-0.019	0.1359	0.248	0.11975	0.199	0.2218	0.246	0.013265	-0.021	0.0859	0.265	0.11868
100	-0.014	-0.0055	0.008	0.0067371	0.199	0.2231	0.239	0.014525	0.204	0.2286	0.253	0.018709

Device Test: 6.25 ; IHYS

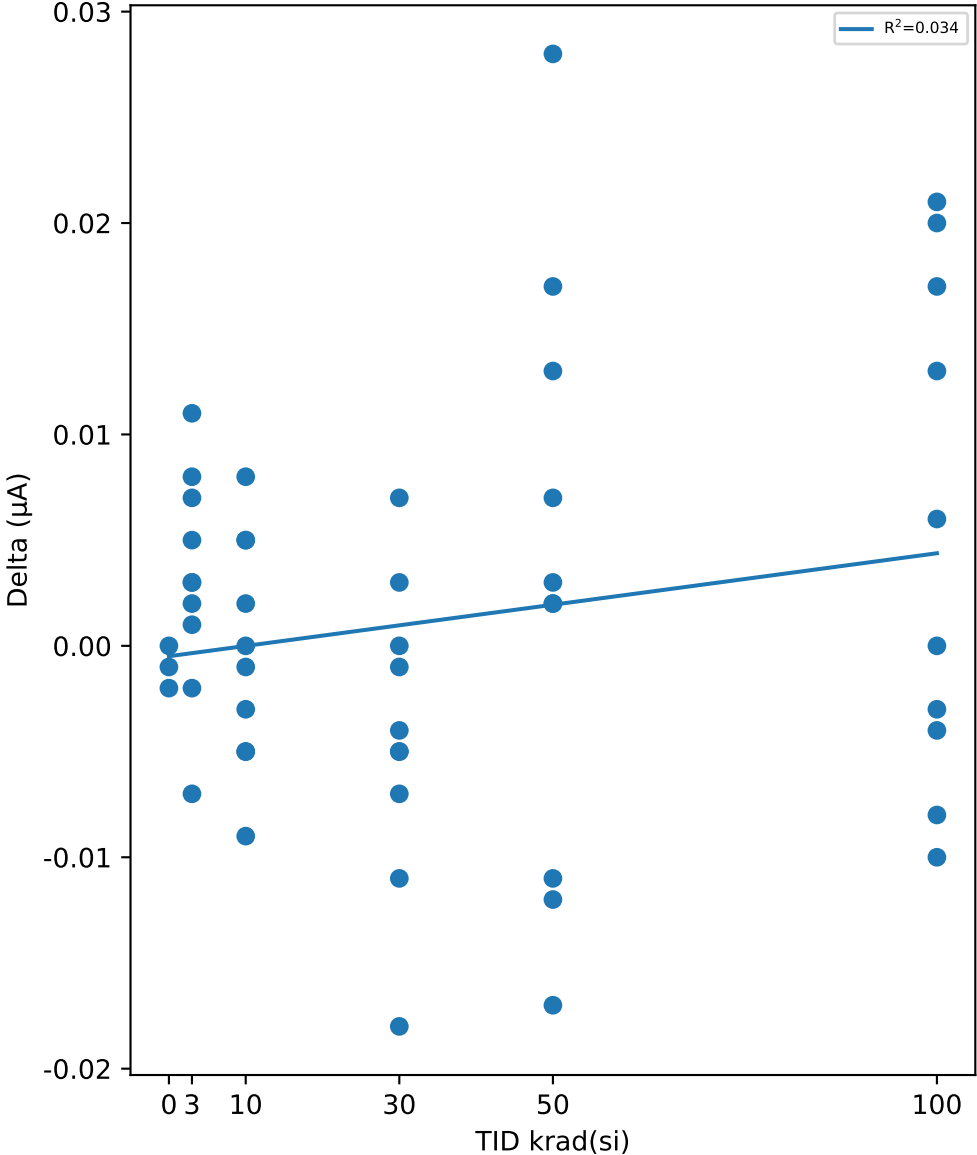
TID vs Result Stats



Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.045	24.043	-0.002
301	0	Correlation	24.139	24.139	0
302	0	Correlation	24.081	24.08	-0.001
303	3	Bias	24.003	24.011	0.008
304	3	Bias	23.994	23.992	-0.002
305	3	Bias	24.099	24.106	0.007
306	3	Bias	24.094	24.095	0.001
307	3	Bias	24.012	24.015	0.003
308	3	Unbiased	24.112	24.123	0.011
309	3	Unbiased	24.02	24.023	0.003
310	3	Unbiased	24.039	24.041	0.002
311	3	Unbiased	24.063	24.056	-0.007
312	3	Unbiased	24.028	24.033	0.005
313	10	Bias	24.044	24.049	0.005
314	10	Bias	24.101	24.098	-0.003
315	10	Bias	24.093	24.098	0.005
316	10	Bias	24.106	24.101	-0.005
317	10	Bias	24.145	24.14	-0.005
318	10	Unbiased	24.072	24.072	0
319	10	Unbiased	24.034	24.033	-0.001
320	10	Unbiased	24.06	24.068	0.008
321	10	Unbiased	24.07	24.061	-0.009
322	10	Unbiased	24.091	24.093	0.002
323	30	Bias	24.087	24.082	-0.005
324	30	Bias	24.09	24.09	0
325	30	Bias	24.101	24.083	-0.018
326	30	Bias	24.085	24.084	-0.001
327	30	Bias	24.129	24.118	-0.011
328	30	Unbiased	24.14	24.133	-0.007
329	30	Unbiased	24.064	24.071	0.007
330	30	Unbiased	24.063	24.058	-0.005
331	30	Unbiased	24.09	24.093	0.003
332	30	Unbiased	24.017	24.013	-0.004
333	50	Bias	24.12	24.122	0.002
334	50	Bias	24.04	24.043	0.003
335	50	Bias	23.979	23.962	-0.017
336	50	Bias	24.053	24.042	-0.011
337	50	Bias	24.178	24.166	-0.012
338	50	Unbiased	24.128	24.13	0.002
339	50	Unbiased	24.117	24.124	0.007
340	50	Unbiased	24.025	24.042	0.017
341	50	Unbiased	24.109	24.122	0.013
342	50	Unbiased	24.02	24.048	0.028
343	100	Bias	24.046	24.038	-0.008
344	100	Bias	24.009	24.006	-0.003
345	100	Bias	24.031	24.027	-0.004
346	100	Bias	24.094	24.084	-0.01
347	100	Bias	24.054	24.074	0.02
348	100	Unbiased	24.099	24.105	0.006
349	100	Unbiased	24.042	24.059	0.017
350	100	Unbiased	24.076	24.076	0
351	100	Unbiased	23.986	23.999	0.013
352	100	Unbiased	24.082	24.103	0.021

TID vs Post - Pre Exposure Delta

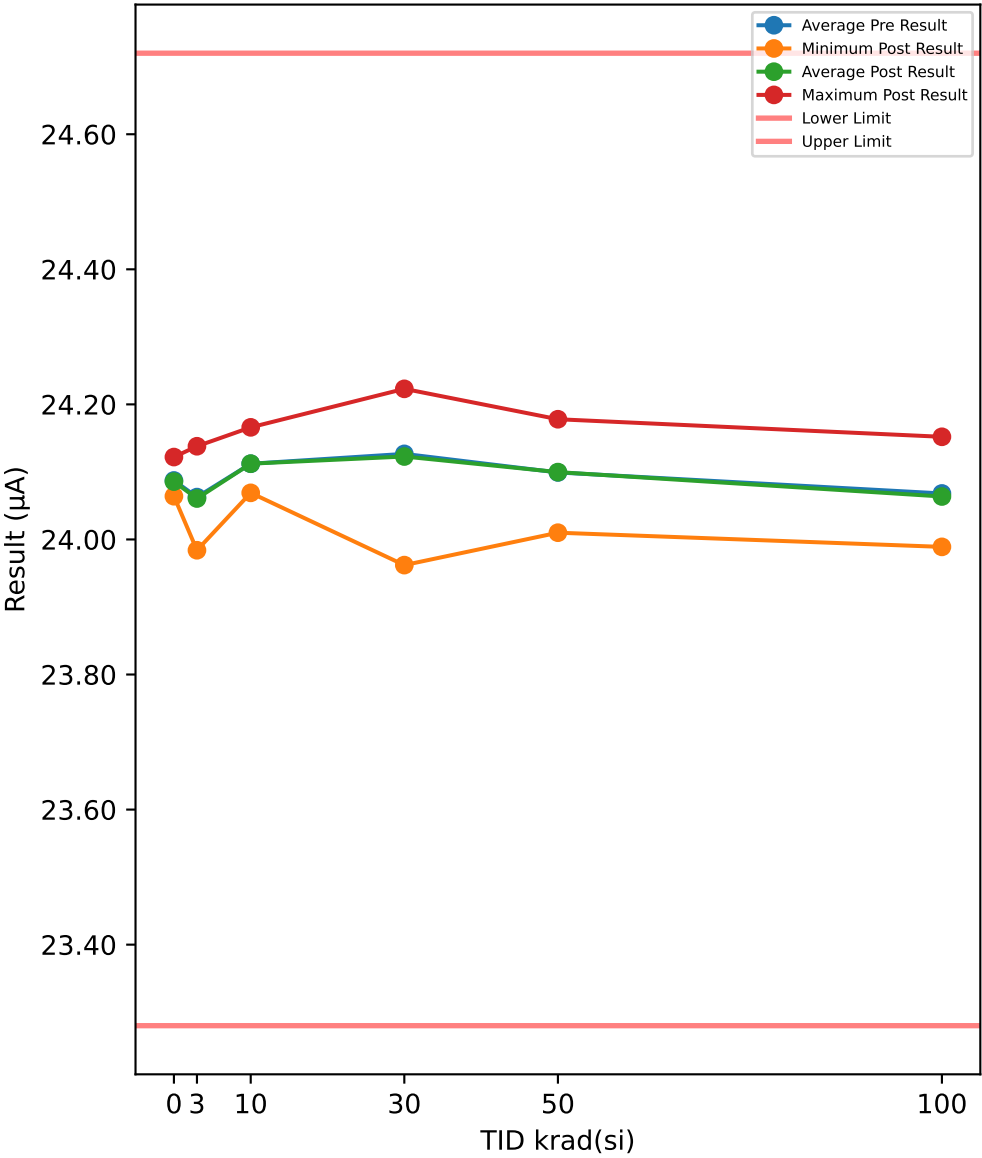


Test Statistics (µA)

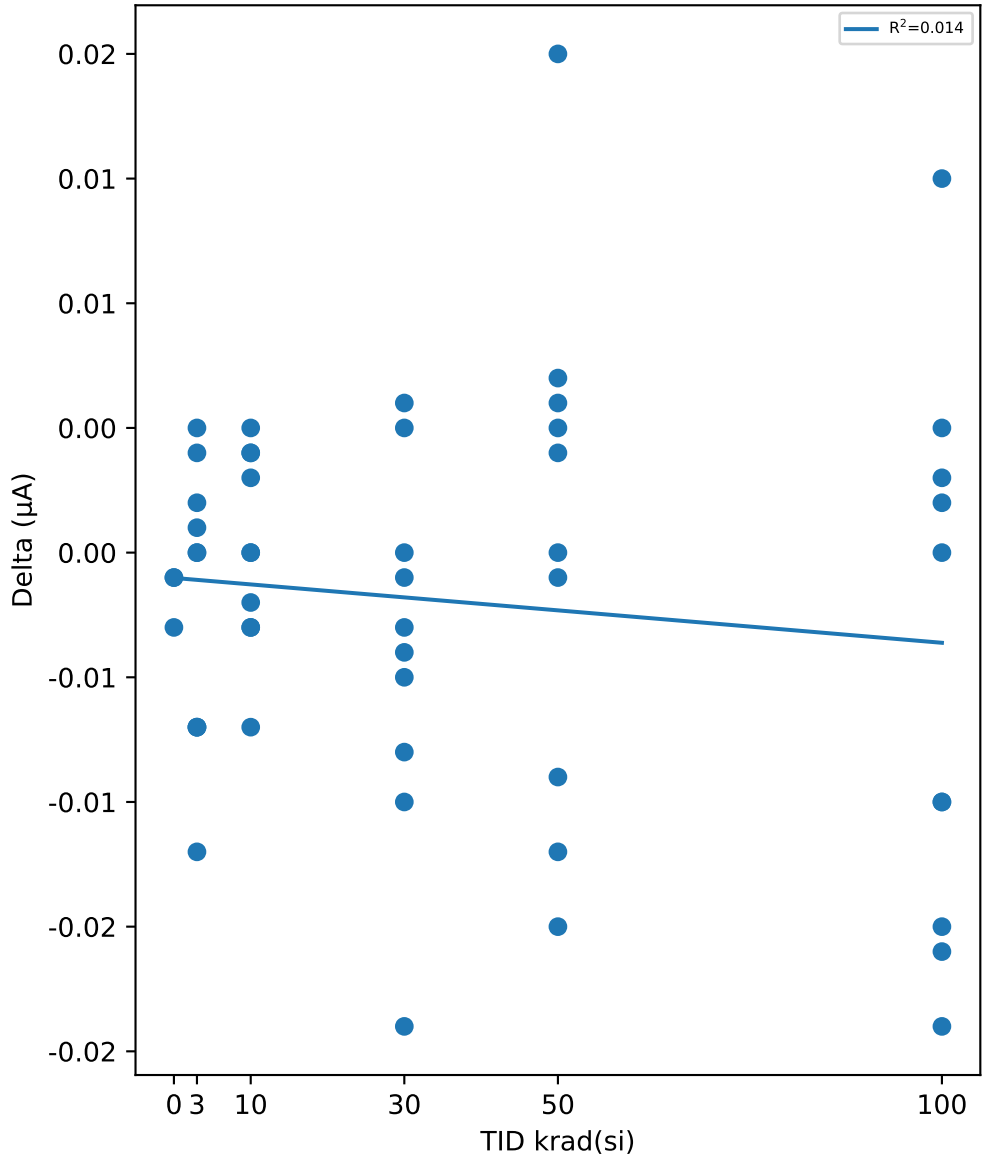
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.045	24.088	24.139	0.047427	24.043	24.087	24.139	0.048418	-0.002	-0.001	0	0.001
3	23.994	24.046	24.112	0.042836	23.992	24.05	24.123	0.044388	-0.007	0.0031	0.011	0.0051521
10	24.034	24.082	24.145	0.03263	24.033	24.081	24.14	0.030876	-0.009	-0.0003	0.008	0.0053552
30	24.017	24.087	24.14	0.034632	24.013	24.082	24.133	0.032562	-0.018	-0.0041	0.007	0.0070781
50	23.979	24.077	24.178	0.062162	23.962	24.08	24.166	0.061972	-0.017	0.0032	0.028	0.013983
100	23.986	24.052	24.099	0.03687	23.999	24.057	24.105	0.038048	-0.01	0.0052	0.021	0.011802

Device Test: 6.26 ; IHYS

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))

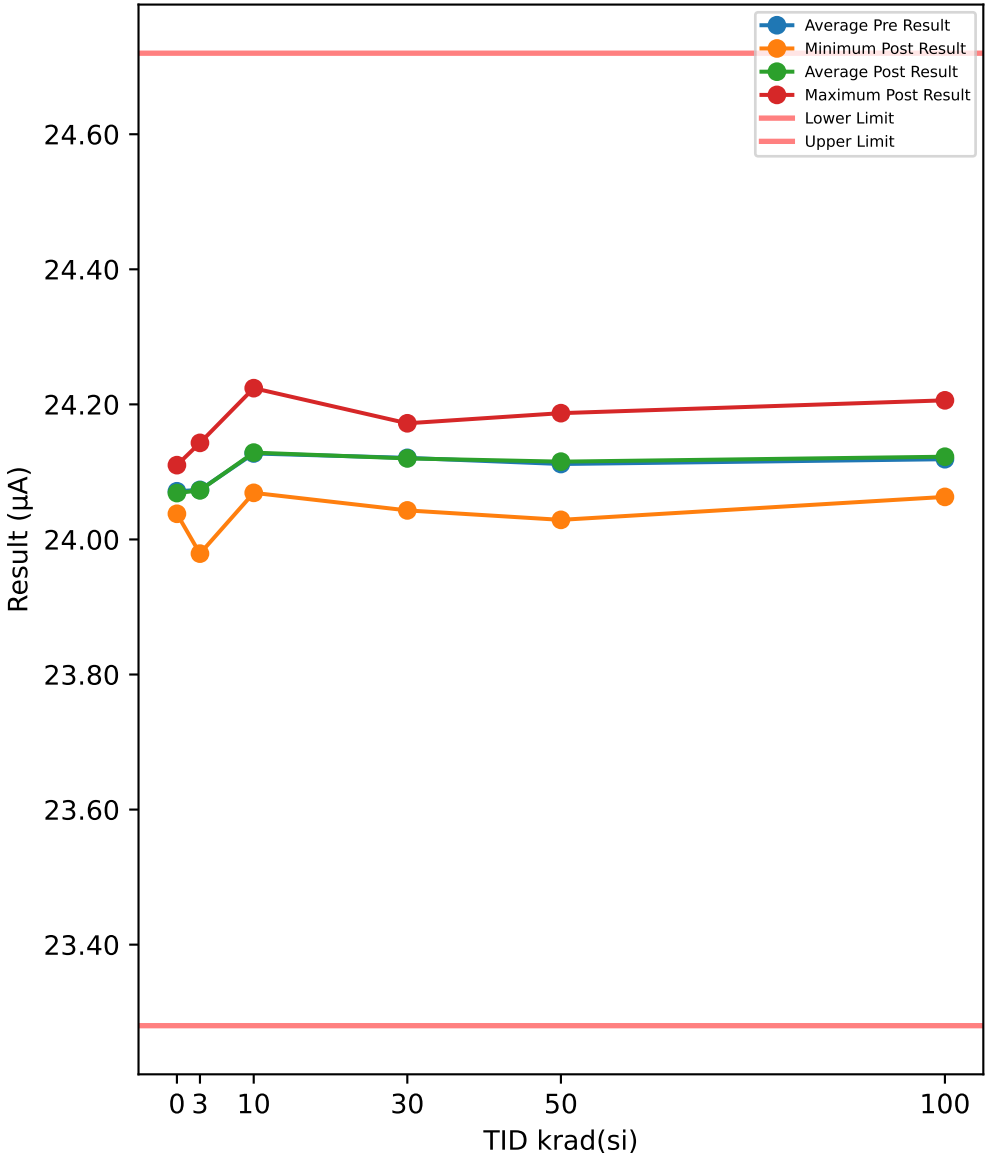
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.074	24.071	-0.003
301	0	Correlation	24.123	24.122	-0.001
302	0	Correlation	24.065	24.064	-0.001
303	3	Bias	24.013	24.013	0
304	3	Bias	24.005	23.993	-0.012
305	3	Bias	24.138	24.138	0
306	3	Bias	24.041	24.034	-0.007
307	3	Bias	24.106	24.099	-0.007
308	3	Unbiased	24.082	24.084	0.002
309	3	Unbiased	23.98	23.984	0.004
310	3	Unbiased	24.078	24.079	0.001
311	3	Unbiased	24.12	24.113	-0.007
312	3	Unbiased	24.064	24.069	0.005
313	10	Bias	24.077	24.081	0.004
314	10	Bias	24.169	24.166	-0.003
315	10	Bias	24.066	24.07	0.004
316	10	Bias	24.116	24.114	-0.002
317	10	Bias	24.127	24.124	-0.003
318	10	Unbiased	24.069	24.069	0
319	10	Unbiased	24.11	24.11	0
320	10	Unbiased	24.155	24.148	-0.007
321	10	Unbiased	24.152	24.157	0.005
322	10	Unbiased	24.08	24.083	0.003
323	30	Bias	24.142	24.134	-0.008
324	30	Bias	24.193	24.193	0
325	30	Bias	24.144	24.125	-0.019
326	30	Bias	24.134	24.133	-0.001
327	30	Bias	24.161	24.151	-0.01
328	30	Unbiased	24.227	24.223	-0.004
329	30	Unbiased	24.088	24.093	0.005
330	30	Unbiased	24.155	24.152	-0.003
331	30	Unbiased	24.056	24.062	0.006
332	30	Unbiased	23.967	23.962	-0.005
333	50	Bias	24.125	24.132	0.007
334	50	Bias	24.056	24.055	-0.001
335	50	Bias	24.042	24.027	-0.015
336	50	Bias	24.019	24.01	-0.009
337	50	Bias	24.138	24.126	-0.012
338	50	Unbiased	24.174	24.178	0.004
339	50	Unbiased	24.116	24.116	0
340	50	Unbiased	24.066	24.071	0.005
341	50	Unbiased	24.116	24.122	0.006
342	50	Unbiased	24.14	24.16	0.02
343	100	Bias	24.071	24.052	-0.019
344	100	Bias	24.073	24.058	-0.015
345	100	Bias	24.139	24.123	-0.016
346	100	Bias	24.057	24.047	-0.01
347	100	Bias	24.15	24.152	0.002
348	100	Unbiased	24.112	24.112	0
349	100	Unbiased	24.008	24.011	0.003
350	100	Unbiased	24.078	24.068	-0.01
351	100	Unbiased	23.984	23.989	0.005
352	100	Unbiased	24.009	24.024	0.015

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.065	24.087	24.123	0.031214	24.064	24.086	24.122	0.03166	-0.003	-0.0016667	-0.001	0.0011547
3	23.98	24.063	24.138	0.052224	23.984	24.061	24.138	0.052258	-0.012	-0.0021	0.005	0.0057048
10	24.066	24.112	24.169	0.038235	24.069	24.112	24.166	0.036215	-0.007	0.0001	0.005	0.0039001
30	23.967	24.127	24.227	0.073802	23.962	24.123	24.223	0.072489	-0.019	-0.0039	0.006	0.0073401
50	24.019	24.099	24.174	0.050186	24.01	24.1	24.178	0.056192	-0.015	0.0005	0.02	0.010406
100	23.984	24.068	24.15	0.05587	23.989	24.064	24.152	0.05169	-0.019	-0.0045	0.015	0.011068

Device Test: 6.27 ; IHYS

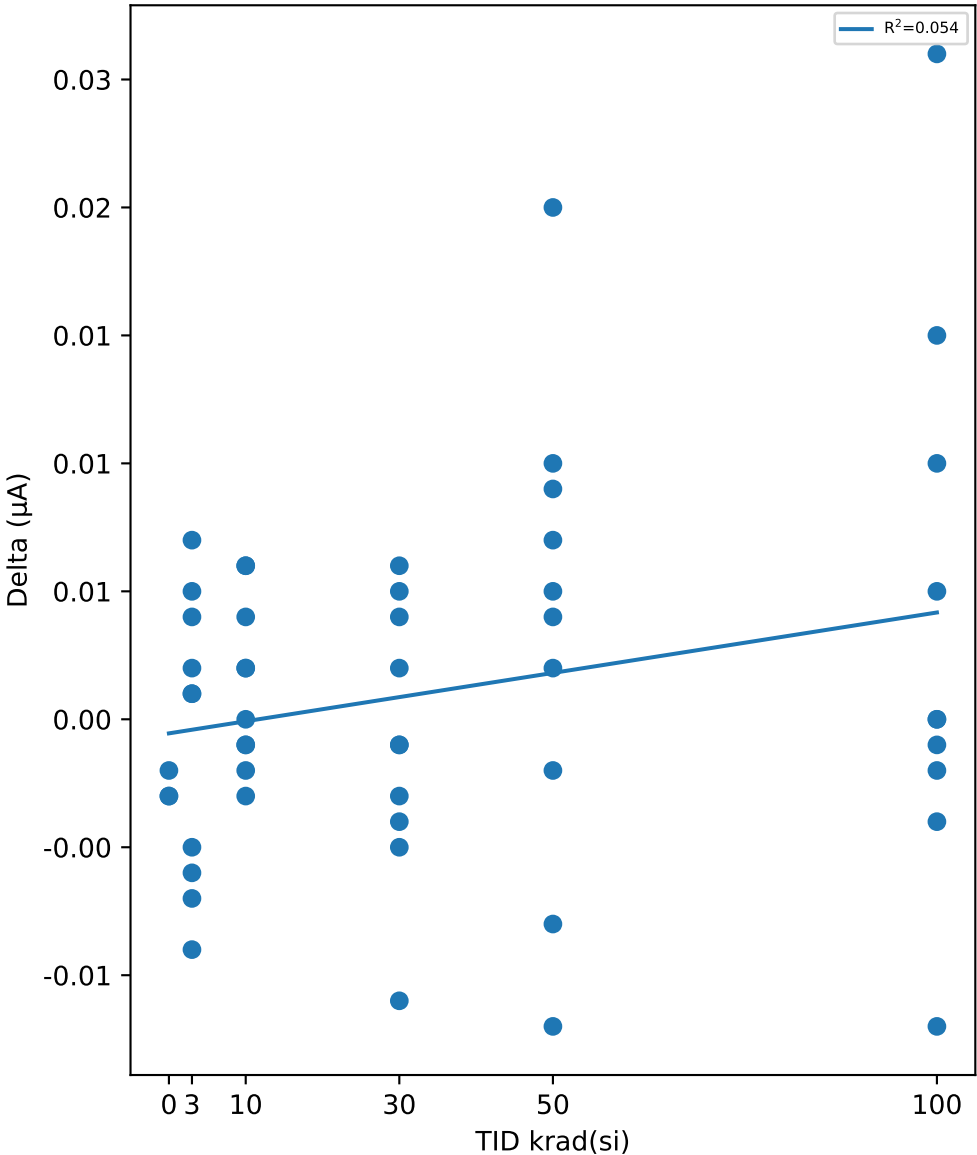
TID vs Result Stats



Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.061	24.058	-0.003
301	0	Correlation	24.112	24.11	-0.002
302	0	Correlation	24.041	24.038	-0.003
303	3	Bias	24.058	24.06	0.002
304	3	Bias	23.988	23.979	-0.009
305	3	Bias	24.126	24.127	0.001
306	3	Bias	24.08	24.074	-0.006
307	3	Bias	24.09	24.085	-0.005
308	3	Unbiased	24.138	24.143	0.005
309	3	Unbiased	24.011	24.015	0.004
310	3	Unbiased	24.076	24.077	0.001
311	3	Unbiased	24.098	24.091	-0.007
312	3	Unbiased	24.069	24.076	0.007
313	10	Bias	24.081	24.087	0.006
314	10	Bias	24.227	24.224	-0.003
315	10	Bias	24.125	24.131	0.006
316	10	Bias	24.172	24.171	-0.001
317	10	Bias	24.16	24.159	-0.001
318	10	Unbiased	24.129	24.129	0
319	10	Unbiased	24.092	24.094	0.002
320	10	Unbiased	24.109	24.111	0.002
321	10	Unbiased	24.113	24.111	-0.002
322	10	Unbiased	24.065	24.069	0.004
323	30	Bias	24.116	24.115	-0.001
324	30	Bias	24.134	24.14	0.006
325	30	Bias	24.143	24.132	-0.011
326	30	Bias	24.167	24.172	0.005
327	30	Bias	24.134	24.13	-0.004
328	30	Unbiased	24.117	24.112	-0.005
329	30	Unbiased	24.121	24.125	0.004
330	30	Unbiased	24.083	24.08	-0.003
331	30	Unbiased	24.149	24.151	0.002
332	30	Unbiased	24.044	24.043	-0.001
333	50	Bias	24.177	24.187	0.01
334	50	Bias	24.08	24.085	0.005
335	50	Bias	24.089	24.077	-0.012
336	50	Bias	24.037	24.029	-0.008
337	50	Bias	24.181	24.179	-0.002
338	50	Unbiased	24.119	24.123	0.004
339	50	Unbiased	24.135	24.137	0.002
340	50	Unbiased	24.026	24.035	0.009
341	50	Unbiased	24.158	24.165	0.007
342	50	Unbiased	24.115	24.135	0.02
343	100	Bias	24.139	24.137	-0.002
344	100	Bias	24.116	24.115	-0.001
345	100	Bias	24.109	24.109	0
346	100	Bias	24.133	24.129	-0.004
347	100	Bias	24.18	24.206	0.026
348	100	Unbiased	24.133	24.133	0
349	100	Unbiased	24.053	24.063	0.01
350	100	Unbiased	24.172	24.16	-0.012
351	100	Unbiased	24.093	24.098	0.005
352	100	Unbiased	24.06	24.075	0.015

TID vs Post - Pre Exposure Delta

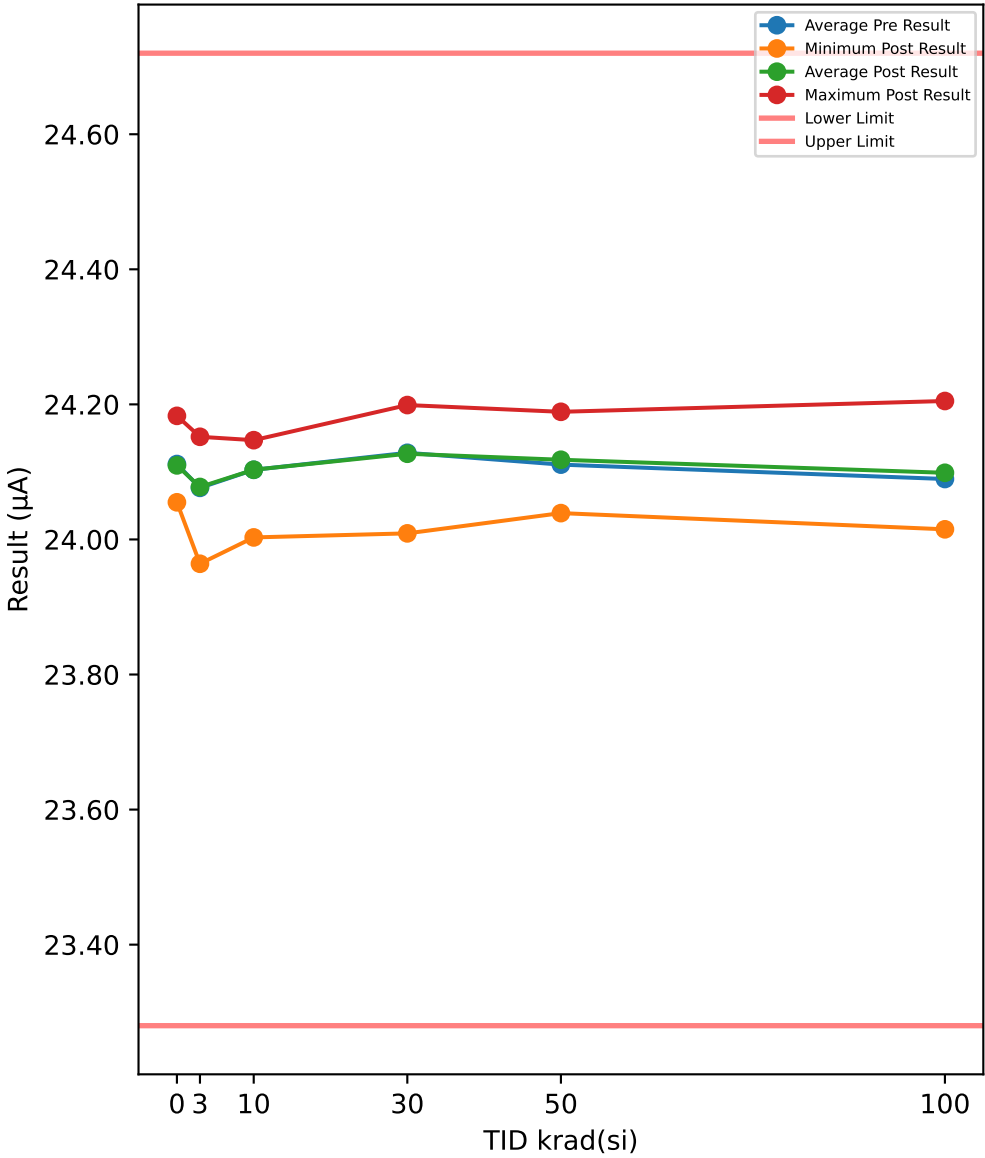


Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.041	24.071	24.112	0.036611	24.038	24.069	24.11	0.037166	-0.003	-0.0026667	-0.002	0.00057735
3	23.988	24.073	24.138	0.046325	23.979	24.073	24.143	0.047933	-0.009	-0.0007	0.007	0.0055986
10	24.065	24.127	24.227	0.048104	24.069	24.129	24.224	0.04586	-0.003	0.0013	0.006	0.0032335
30	24.044	24.121	24.167	0.035175	24.043	24.12	24.172	0.036442	-0.011	-0.0008	0.006	0.0052451
50	24.026	24.112	24.181	0.054019	24.029	24.115	24.187	0.056635	-0.012	0.0035	0.02	0.0092165
100	24.053	24.119	24.18	0.042089	24.063	24.122	24.206	0.041334	-0.012	0.0037	0.026	0.010822

Device Test: 6.28 ; IHYS

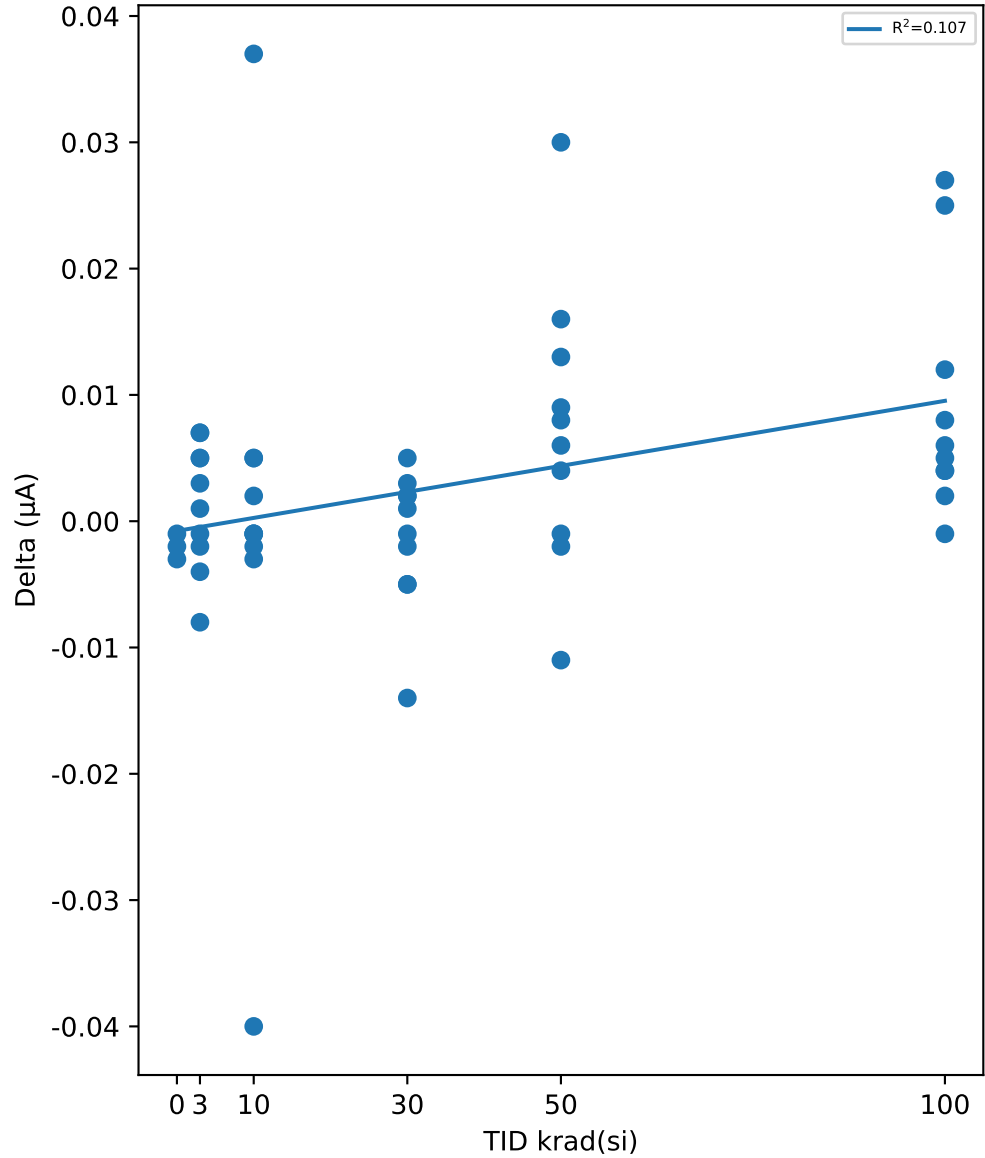
TID vs Result Stats



Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.058	24.055	-0.003
301	0	Correlation	24.184	24.183	-0.001
302	0	Correlation	24.093	24.091	-0.002
303	3	Bias	24.02	24.027	0.007
304	3	Bias	23.968	23.964	-0.004
305	3	Bias	24.147	24.152	0.005
306	3	Bias	24.07	24.069	-0.001
307	3	Bias	24.102	24.1	-0.002
308	3	Unbiased	24.137	24.144	0.007
309	3	Unbiased	24.094	24.097	0.003
310	3	Unbiased	24.045	24.046	0.001
311	3	Unbiased	24.084	24.076	-0.008
312	3	Unbiased	24.097	24.102	0.005
313	10	Bias	24.066	24.071	0.005
314	10	Bias	24.149	24.147	-0.002
315	10	Bias	24.078	24.083	0.005
316	10	Bias	24.143	24.14	-0.003
317	10	Bias	24.145	24.144	-0.001
318	10	Unbiased	24.127	24.126	-0.001
319	10	Unbiased	24.089	24.088	-0.001
320	10	Unbiased	24.135	24.095	-0.04
321	10	Unbiased	24.098	24.135	0.037
322	10	Unbiased	24.001	24.003	0.002
323	30	Bias	24.106	24.108	0.002
324	30	Bias	24.119	24.121	0.002
325	30	Bias	24.178	24.164	-0.014
326	30	Bias	24.078	24.081	0.003
327	30	Bias	24.201	24.199	-0.002
328	30	Unbiased	24.192	24.187	-0.005
329	30	Unbiased	24.108	24.113	0.005
330	30	Unbiased	24.14	24.135	-0.005
331	30	Unbiased	24.151	24.152	0.001
332	30	Unbiased	24.01	24.009	-0.001
333	50	Bias	24.167	24.18	0.013
334	50	Bias	24.031	24.04	0.009
335	50	Bias	24.05	24.039	-0.011
336	50	Bias	24.102	24.1	-0.002
337	50	Bias	24.185	24.184	-0.001
338	50	Unbiased	24.111	24.115	0.004
339	50	Unbiased	24.08	24.086	0.006
340	50	Unbiased	24.055	24.071	0.016
341	50	Unbiased	24.181	24.189	0.008
342	50	Unbiased	24.146	24.176	0.03
343	100	Bias	24.088	24.093	0.005
344	100	Bias	24.06	24.062	0.002
345	100	Bias	24.158	24.162	0.004
346	100	Bias	24.111	24.117	0.006
347	100	Bias	24.078	24.105	0.027
348	100	Unbiased	24.197	24.205	0.008
349	100	Unbiased	24.092	24.104	0.012
350	100	Unbiased	24.103	24.102	-0.001
351	100	Unbiased	24.011	24.015	0.004
352	100	Unbiased	23.997	24.022	0.025

TID vs Post - Pre Exposure Delta

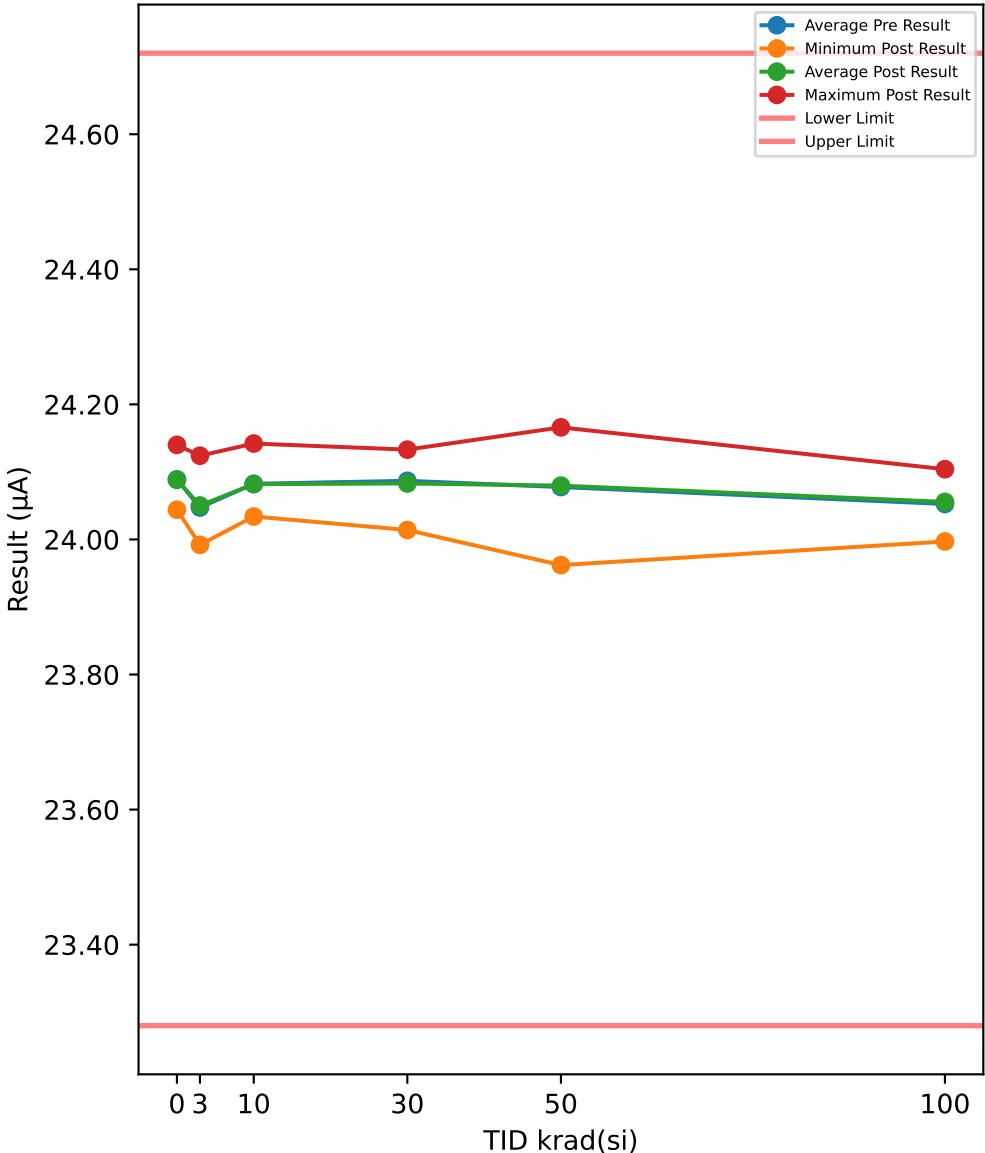


Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.058	24.112	24.184	0.065041	24.055	24.11	24.183	0.06601	-0.003	-0.002	-0.001	0.001
3	23.968	24.076	24.147	0.053813	23.964	24.078	24.152	0.055736	-0.008	0.0013	0.007	0.0050122
10	24.001	24.103	24.149	0.046784	24.003	24.103	24.147	0.045033	-0.04	0.0001	0.037	0.018375
30	24.01	24.128	24.201	0.057722	24.009	24.127	24.199	0.055252	-0.014	-0.0014	0.005	0.0055217
50	24.031	24.111	24.185	0.056799	24.039	24.118	24.189	0.060089	-0.011	0.0072	0.03	0.011203
100	23.997	24.09	24.197	0.060206	24.015	24.099	24.205	0.057724	-0.001	0.0092	0.027	0.0095079

Device Test: 6.29 ; IHYS

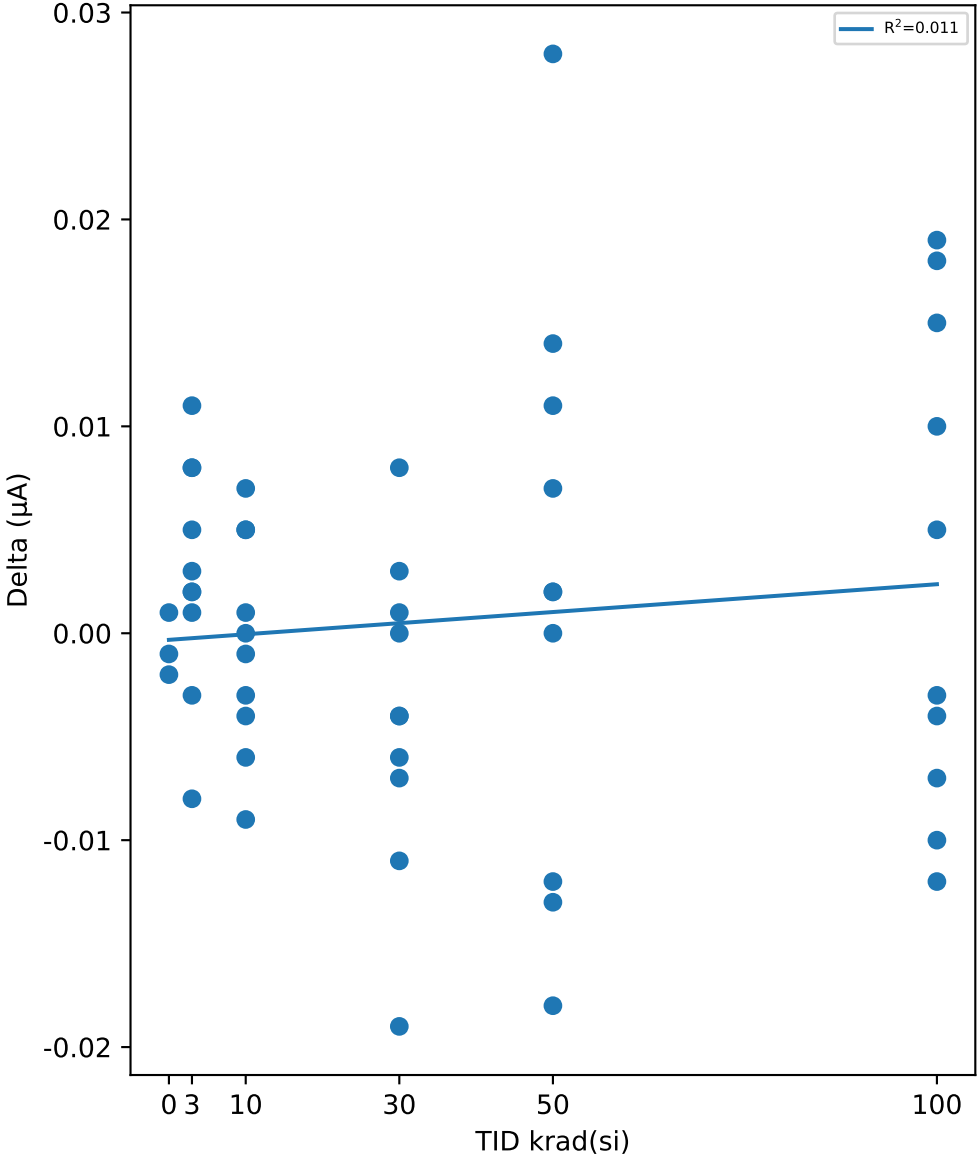
TID vs Result Stats



Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.046	24.044	-0.002
301	0	Correlation	24.139	24.14	0.001
302	0	Correlation	24.082	24.081	-0.001
303	3	Bias	24.004	24.012	0.008
304	3	Bias	23.995	23.992	-0.003
305	3	Bias	24.099	24.107	0.008
306	3	Bias	24.095	24.097	0.002
307	3	Bias	24.013	24.015	0.002
308	3	Unbiased	24.113	24.124	0.011
309	3	Unbiased	24.021	24.024	0.003
310	3	Unbiased	24.04	24.041	0.001
311	3	Unbiased	24.065	24.057	-0.008
312	3	Unbiased	24.028	24.033	0.005
313	10	Bias	24.045	24.05	0.005
314	10	Bias	24.102	24.099	-0.003
315	10	Bias	24.093	24.098	0.005
316	10	Bias	24.108	24.102	-0.006
317	10	Bias	24.146	24.142	-0.004
318	10	Unbiased	24.073	24.072	-0.001
319	10	Unbiased	24.034	24.034	0
320	10	Unbiased	24.061	24.068	0.007
321	10	Unbiased	24.071	24.062	-0.009
322	10	Unbiased	24.091	24.092	0.001
323	30	Bias	24.087	24.081	-0.006
324	30	Bias	24.09	24.091	0.001
325	30	Bias	24.102	24.083	-0.019
326	30	Bias	24.084	24.084	0
327	30	Bias	24.129	24.118	-0.011
328	30	Unbiased	24.14	24.133	-0.007
329	30	Unbiased	24.064	24.072	0.008
330	30	Unbiased	24.063	24.059	-0.004
331	30	Unbiased	24.091	24.094	0.003
332	30	Unbiased	24.018	24.014	-0.004
333	50	Bias	24.12	24.122	0.002
334	50	Bias	24.04	24.042	0.002
335	50	Bias	23.98	23.962	-0.018
336	50	Bias	24.054	24.042	-0.012
337	50	Bias	24.179	24.166	-0.013
338	50	Unbiased	24.129	24.129	0
339	50	Unbiased	24.117	24.124	0.007
340	50	Unbiased	24.027	24.041	0.014
341	50	Unbiased	24.11	24.121	0.011
342	50	Unbiased	24.02	24.048	0.028
343	100	Bias	24.047	24.037	-0.01
344	100	Bias	24.009	24.005	-0.004
345	100	Bias	24.032	24.025	-0.007
346	100	Bias	24.095	24.083	-0.012
347	100	Bias	24.055	24.073	0.018
348	100	Unbiased	24.099	24.104	0.005
349	100	Unbiased	24.042	24.057	0.015
350	100	Unbiased	24.077	24.074	-0.003
351	100	Unbiased	23.987	23.997	0.01
352	100	Unbiased	24.082	24.101	0.019

TID vs Post - Pre Exposure Delta

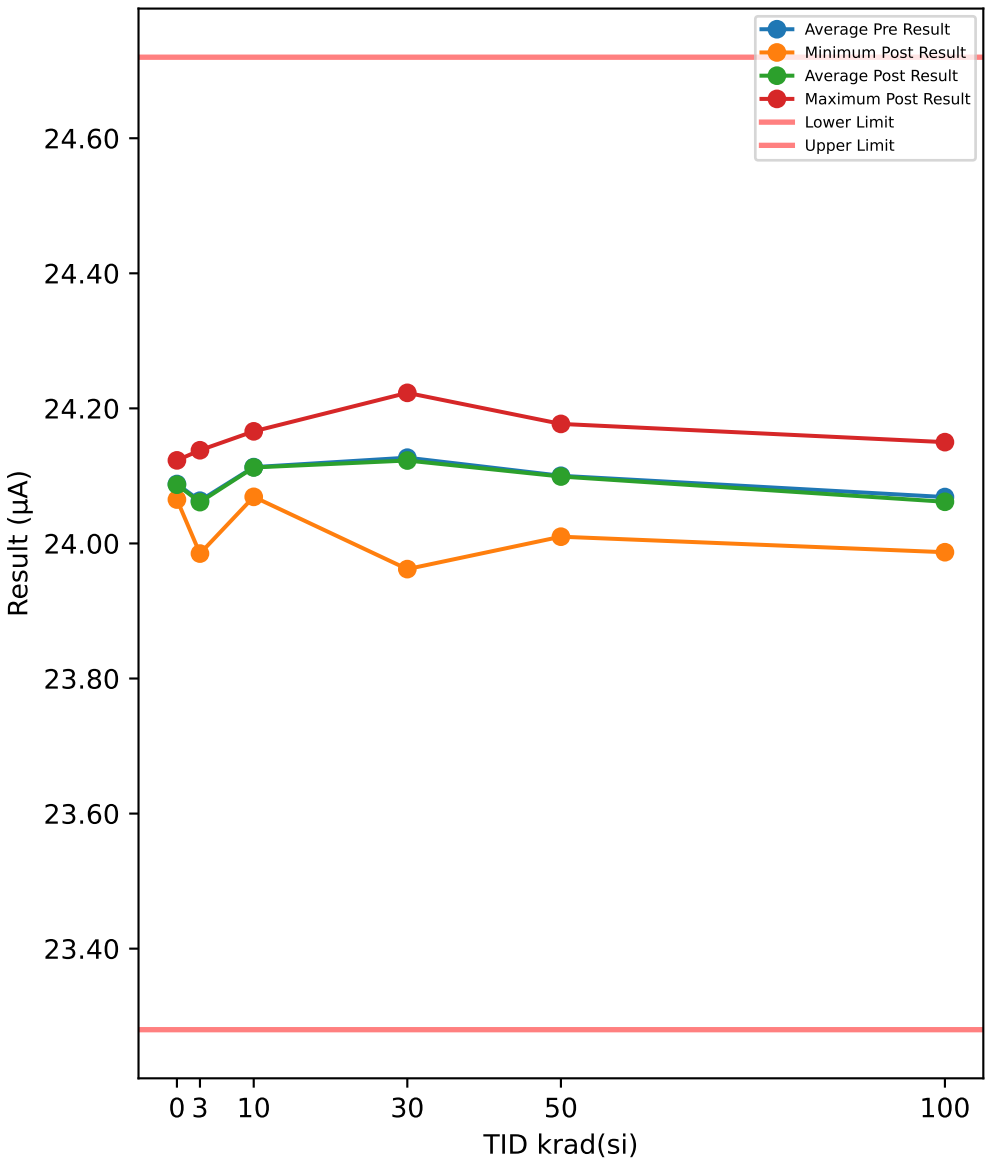


Test Statistics (µA)

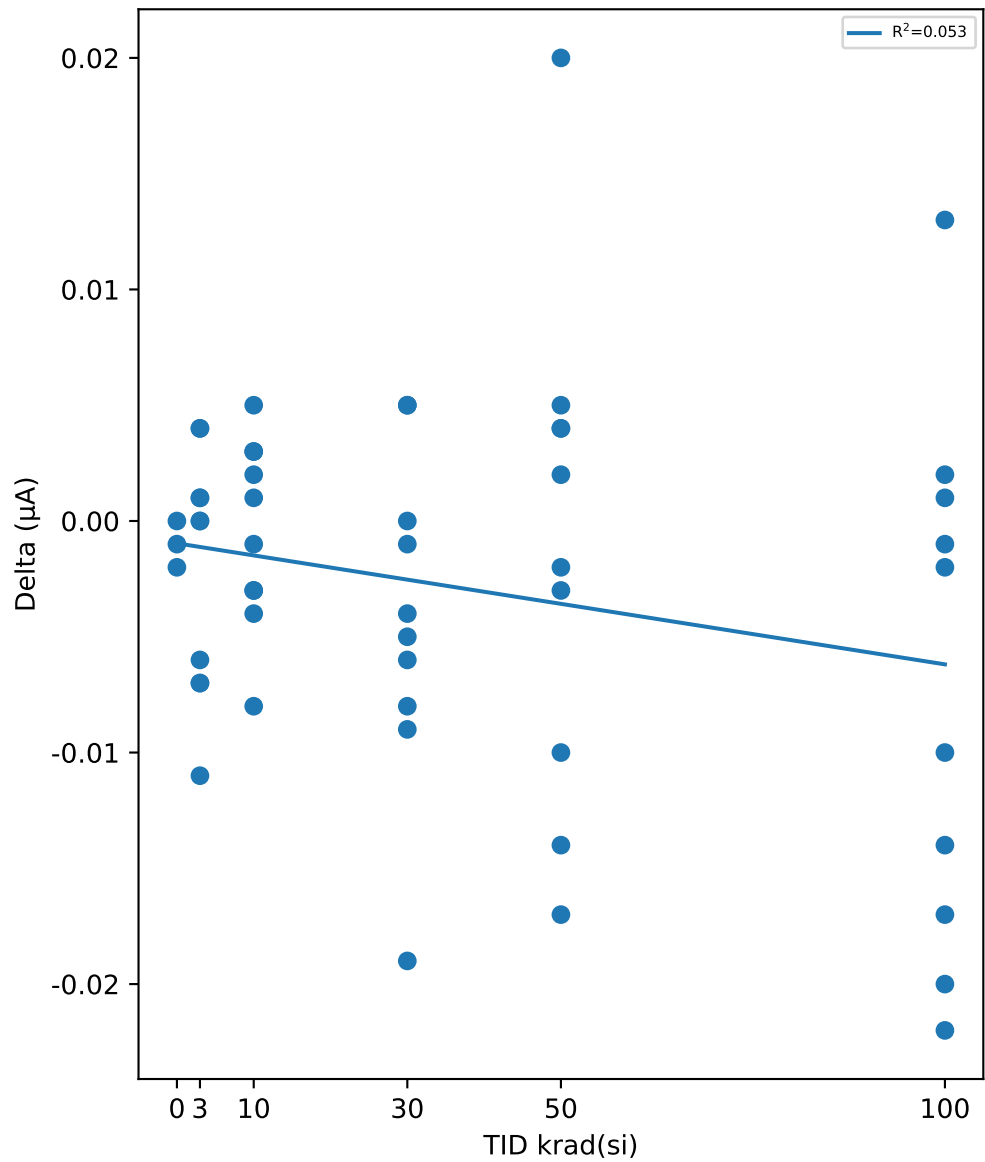
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.046	24.089	24.139	0.046893	24.044	24.088	24.14	0.048418	-0.002	-0.00066667	0.001	0.0015275
3	23.995	24.047	24.113	0.042794	23.992	24.05	24.124	0.044798	-0.008	0.0029	0.011	0.0055867
10	24.034	24.082	24.146	0.03281	24.034	24.082	24.142	0.031036	-0.009	-0.0005	0.007	0.0051694
30	24.018	24.087	24.14	0.034476	24.014	24.083	24.133	0.032271	-0.019	-0.0039	0.008	0.0076077
50	23.98	24.078	24.179	0.062092	23.962	24.08	24.166	0.061945	-0.018	0.0021	0.028	0.013948
100	23.987	24.053	24.099	0.036801	23.997	24.056	24.104	0.038114	-0.012	0.0031	0.019	0.011818

Device Test: 6.30 ; IHYS

TID vs Result Stats



TID vs Post - Pre Exposure Delta

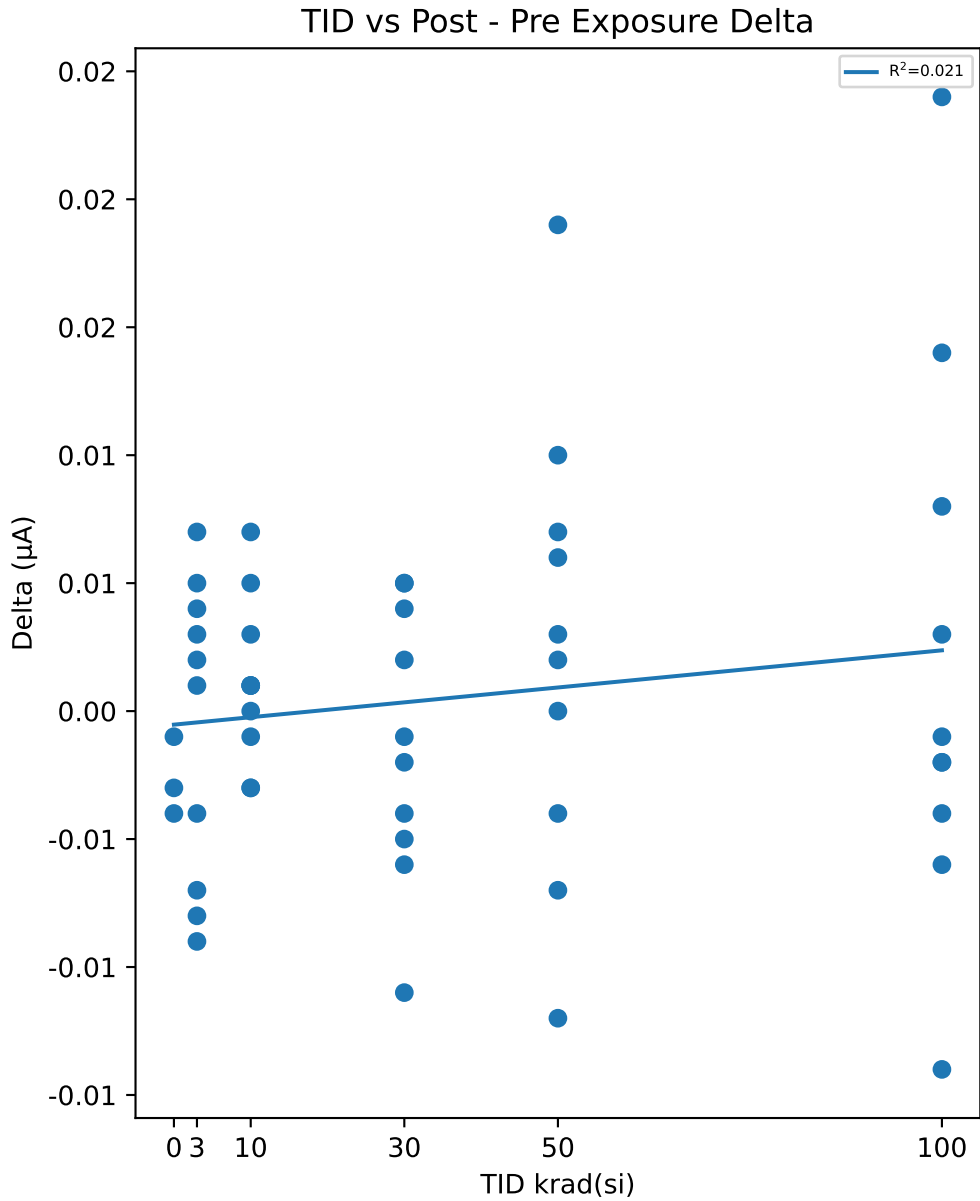
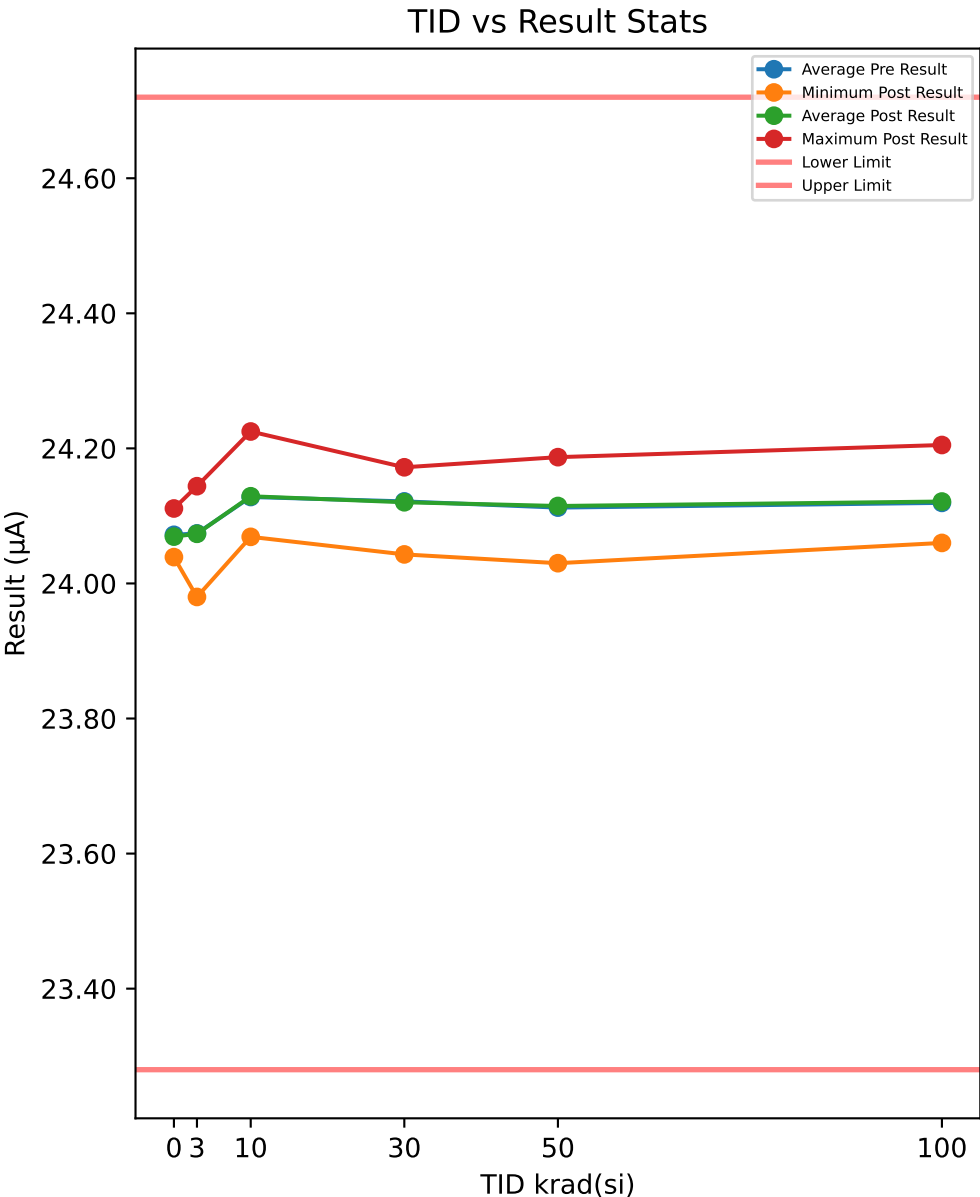


Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.075	24.073	-0.002
301	0	Correlation	24.123	24.123	0
302	0	Correlation	24.066	24.065	-0.001
303	3	Bias	24.014	24.014	0
304	3	Bias	24.005	23.994	-0.011
305	3	Bias	24.138	24.138	0
306	3	Bias	24.042	24.036	-0.006
307	3	Bias	24.106	24.099	-0.007
308	3	Unbiased	24.083	24.084	0.001
309	3	Unbiased	23.981	23.985	0.004
310	3	Unbiased	24.078	24.079	0.001
311	3	Unbiased	24.121	24.114	-0.007
312	3	Unbiased	24.065	24.069	0.004
313	10	Bias	24.078	24.081	0.003
314	10	Bias	24.169	24.166	-0.003
315	10	Bias	24.067	24.07	0.003
316	10	Bias	24.118	24.114	-0.004
317	10	Bias	24.128	24.125	-0.003
318	10	Unbiased	24.07	24.069	-0.001
319	10	Unbiased	24.11	24.111	0.001
320	10	Unbiased	24.156	24.148	-0.008
321	10	Unbiased	24.153	24.158	0.005
322	10	Unbiased	24.081	24.083	0.002
323	30	Bias	24.142	24.134	-0.008
324	30	Bias	24.193	24.193	0
325	30	Bias	24.143	24.124	-0.019
326	30	Bias	24.134	24.133	-0.001
327	30	Bias	24.161	24.152	-0.009
328	30	Unbiased	24.228	24.223	-0.005
329	30	Unbiased	24.088	24.093	0.005
330	30	Unbiased	24.156	24.152	-0.004
331	30	Unbiased	24.057	24.062	0.005
332	30	Unbiased	23.968	23.962	-0.006
333	50	Bias	24.126	24.131	0.005
334	50	Bias	24.057	24.054	-0.003
335	50	Bias	24.043	24.026	-0.017
336	50	Bias	24.02	24.01	-0.01
337	50	Bias	24.139	24.125	-0.014
338	50	Unbiased	24.175	24.177	0.002
339	50	Unbiased	24.117	24.115	-0.002
340	50	Unbiased	24.067	24.071	0.004
341	50	Unbiased	24.118	24.122	0.004
342	50	Unbiased	24.14	24.16	0.02
343	100	Bias	24.072	24.05	-0.022
344	100	Bias	24.074	24.057	-0.017
345	100	Bias	24.14	24.12	-0.02
346	100	Bias	24.057	24.047	-0.01
347	100	Bias	24.151	24.15	-0.001
348	100	Unbiased	24.112	24.11	-0.002
349	100	Unbiased	24.008	24.009	0.001
350	100	Unbiased	24.079	24.065	-0.014
351	100	Unbiased	23.985	23.987	0.002
352	100	Unbiased	24.009	24.022	0.013

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.066	24.088	24.123	0.030643	24.065	24.087	24.123	0.031432	-0.002	-0.001	0	0.001
3	23.981	24.063	24.138	0.052064	23.985	24.061	24.138	0.051852	-0.011	-0.0021	0.004	0.0052164
10	24.067	24.113	24.169	0.038091	24.069	24.113	24.166	0.036385	-0.008	-0.0005	0.005	0.0040069
30	23.968	24.127	24.228	0.073625	23.962	24.123	24.223	0.07253	-0.019	-0.0042	0.005	0.0071305
50	24.02	24.1	24.175	0.050135	24.01	24.099	24.177	0.056124	-0.017	-0.0011	0.02	0.010785
100	23.985	24.069	24.151	0.056044	23.987	24.062	24.15	0.051476	-0.022	-0.007	0.013	0.011343



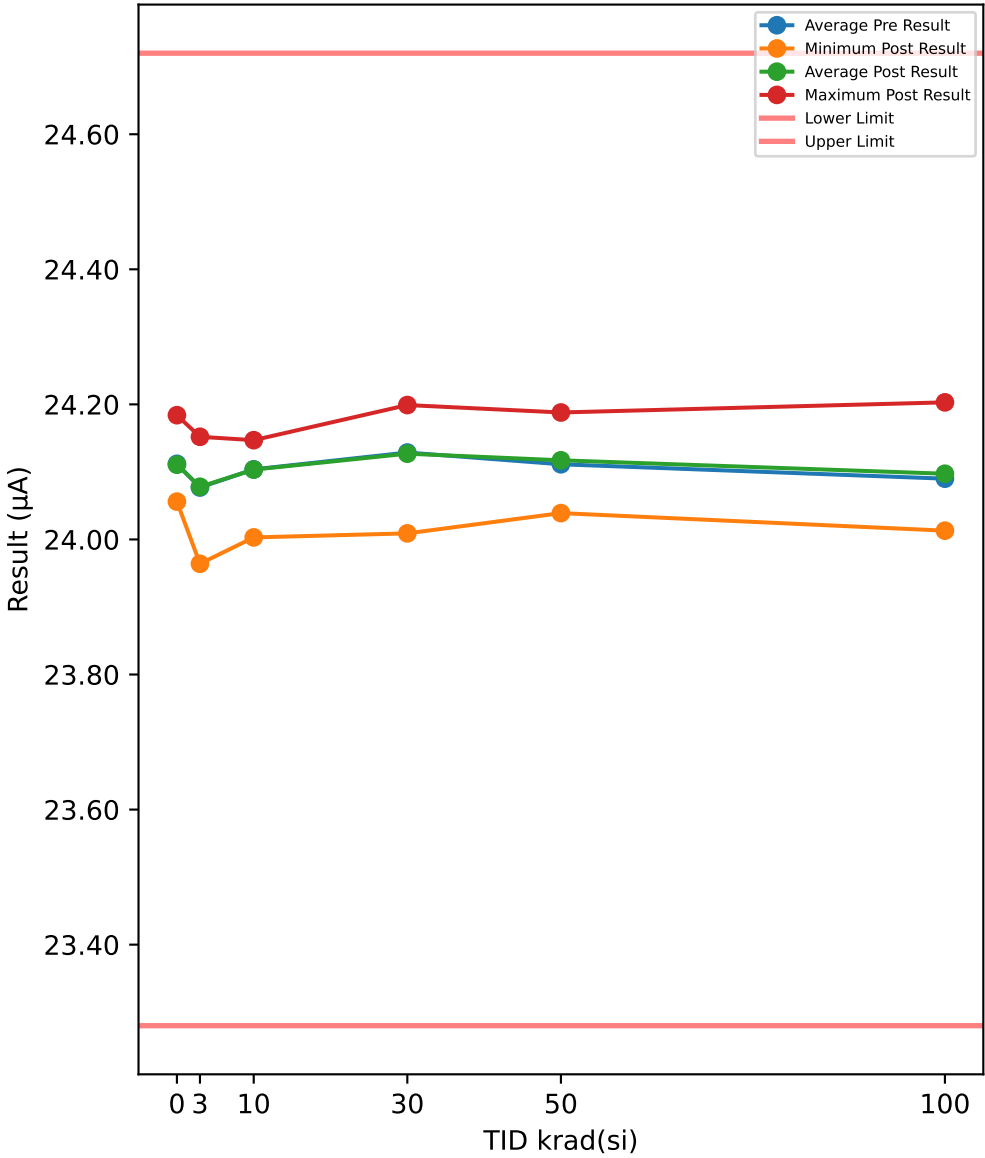
Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.062	24.058	-0.004
301	0	Correlation	24.112	24.111	-0.001
302	0	Correlation	24.042	24.039	-0.003
303	3	Bias	24.058	24.061	0.003
304	3	Bias	23.989	23.98	-0.009
305	3	Bias	24.126	24.127	0.001
306	3	Bias	24.082	24.075	-0.007
307	3	Bias	24.09	24.086	-0.004
308	3	Unbiased	24.139	24.144	0.005
309	3	Unbiased	24.012	24.016	0.004
310	3	Unbiased	24.075	24.077	0.002
311	3	Unbiased	24.1	24.092	-0.008
312	3	Unbiased	24.07	24.077	0.007
313	10	Bias	24.081	24.086	0.005
314	10	Bias	24.228	24.225	-0.003
315	10	Bias	24.125	24.132	0.007
316	10	Bias	24.174	24.171	-0.003
317	10	Bias	24.161	24.16	-0.001
318	10	Unbiased	24.129	24.13	0.001
319	10	Unbiased	24.093	24.094	0.001
320	10	Unbiased	24.11	24.111	0.001
321	10	Unbiased	24.113	24.113	0
322	10	Unbiased	24.066	24.069	0.003
323	30	Bias	24.116	24.115	-0.001
324	30	Bias	24.135	24.14	0.005
325	30	Bias	24.143	24.132	-0.011
326	30	Bias	24.167	24.172	0.005
327	30	Bias	24.135	24.13	-0.005
328	30	Unbiased	24.118	24.112	-0.006
329	30	Unbiased	24.121	24.125	0.004
330	30	Unbiased	24.085	24.081	-0.004
331	30	Unbiased	24.15	24.152	0.002
332	30	Unbiased	24.045	24.043	-0.002
333	50	Bias	24.177	24.187	0.01
334	50	Bias	24.081	24.084	0.003
335	50	Bias	24.089	24.077	-0.012
336	50	Bias	24.037	24.03	-0.007
337	50	Bias	24.182	24.178	-0.004
338	50	Unbiased	24.12	24.122	0.002
339	50	Unbiased	24.136	24.136	0
340	50	Unbiased	24.027	24.034	0.007
341	50	Unbiased	24.159	24.165	0.006
342	50	Unbiased	24.115	24.134	0.019
343	100	Bias	24.141	24.135	-0.006
344	100	Bias	24.117	24.115	-0.002
345	100	Bias	24.11	24.108	-0.002
346	100	Bias	24.133	24.129	-0.004
347	100	Bias	24.181	24.205	0.024
348	100	Unbiased	24.133	24.132	-0.001
349	100	Unbiased	24.052	24.06	0.008
350	100	Unbiased	24.173	24.159	-0.014
351	100	Unbiased	24.094	24.097	0.003
352	100	Unbiased	24.059	24.073	0.014

Test Statistics (µA)

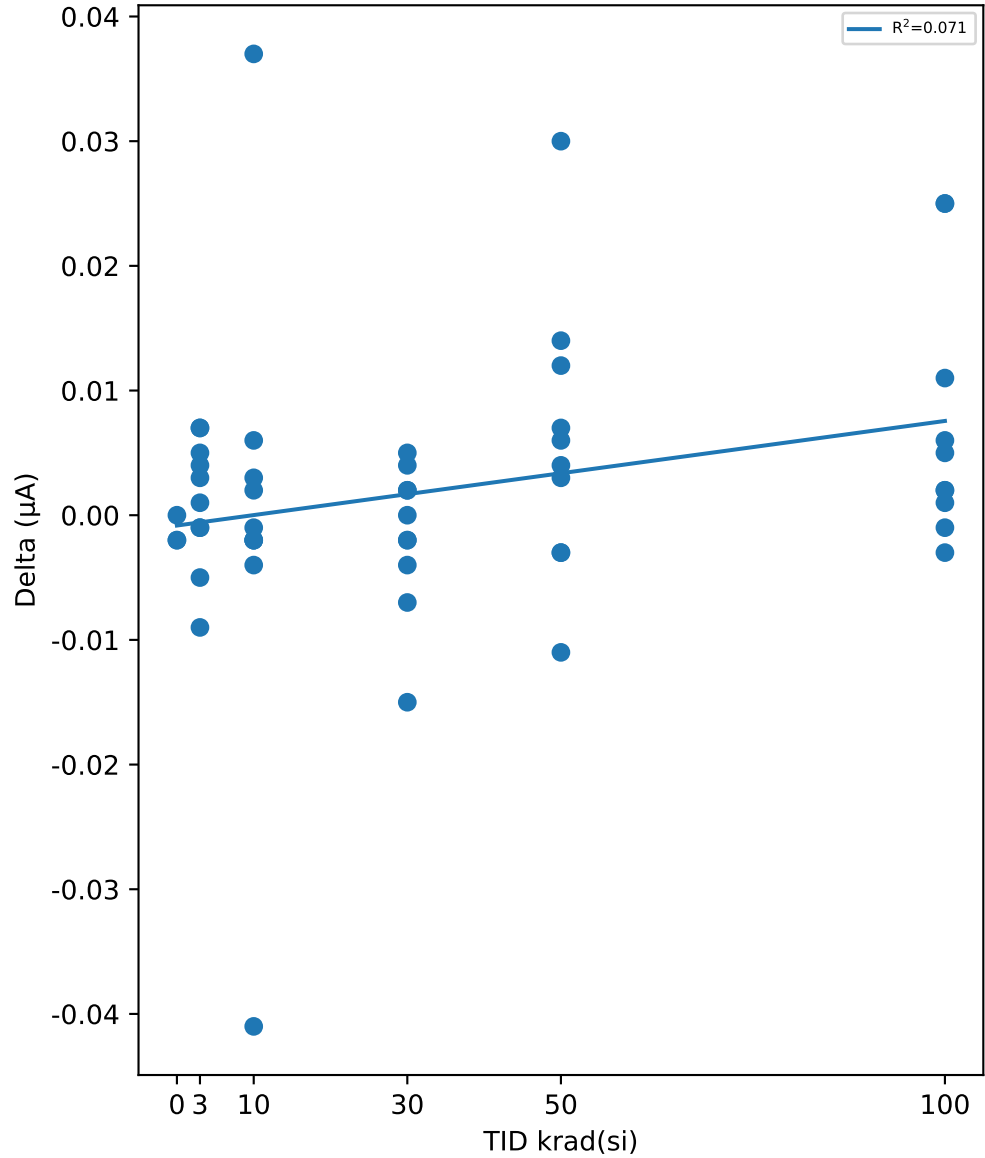
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.042	24.072	24.112	0.036056	24.039	24.069	24.111	0.037314	-0.004	-0.0026667	-0.001	0.0015275
3	23.989	24.074	24.139	0.046268	23.98	24.073	24.144	0.047799	-0.009	-0.0006	0.007	0.0058727
10	24.066	24.128	24.228	0.048353	24.069	24.129	24.225	0.046194	-0.003	0.0011	0.007	0.0032128
30	24.045	24.122	24.167	0.034859	24.043	24.12	24.172	0.036417	-0.011	-0.0013	0.005	0.0053344
50	24.027	24.112	24.182	0.05408	24.03	24.115	24.187	0.056464	-0.012	0.0024	0.019	0.0088844
100	24.052	24.119	24.181	0.042732	24.06	24.121	24.205	0.041748	-0.014	0.002	0.024	0.010863

Device Test: 6.32 ; IHYS

TID vs Result Stats



TID vs Post - Pre Exposure Delta



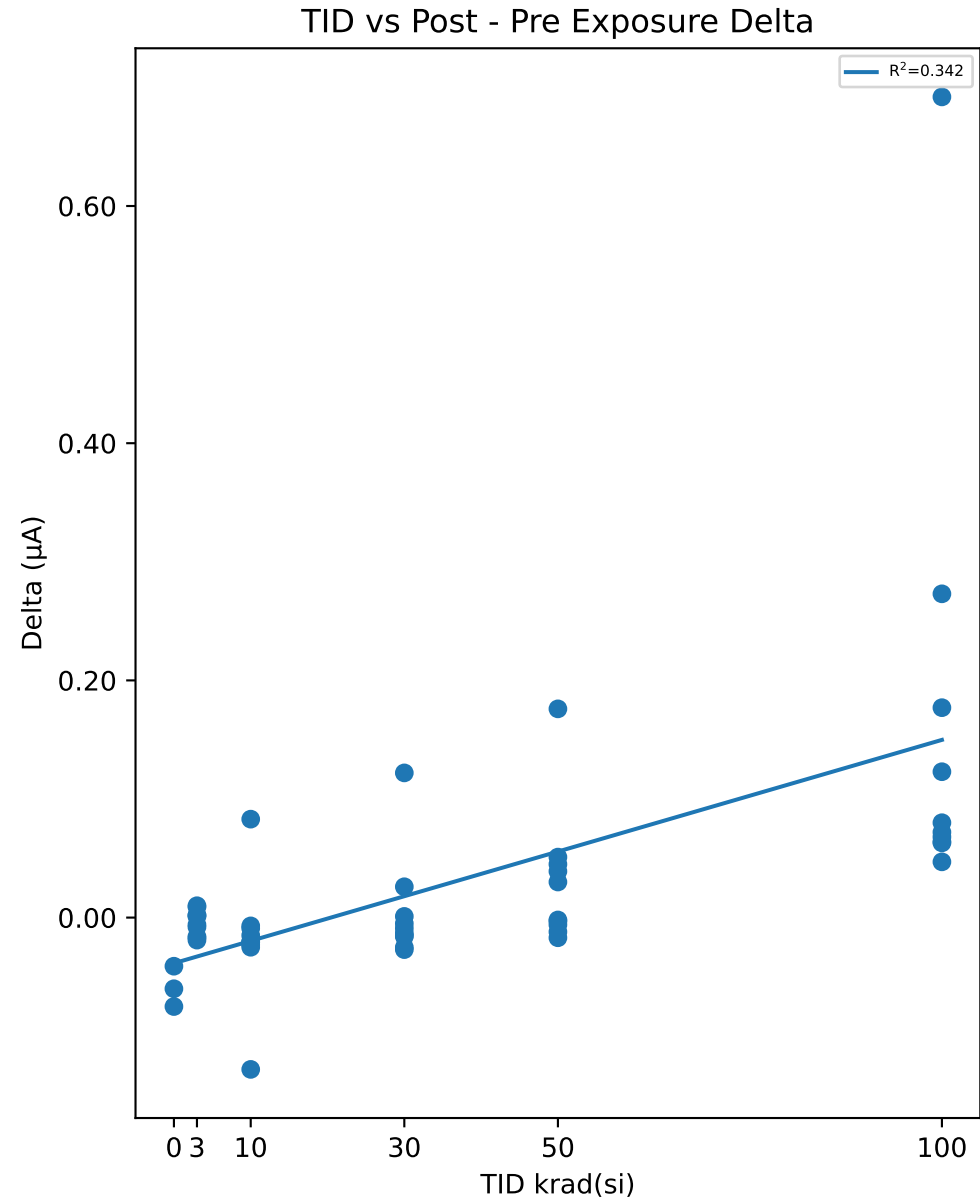
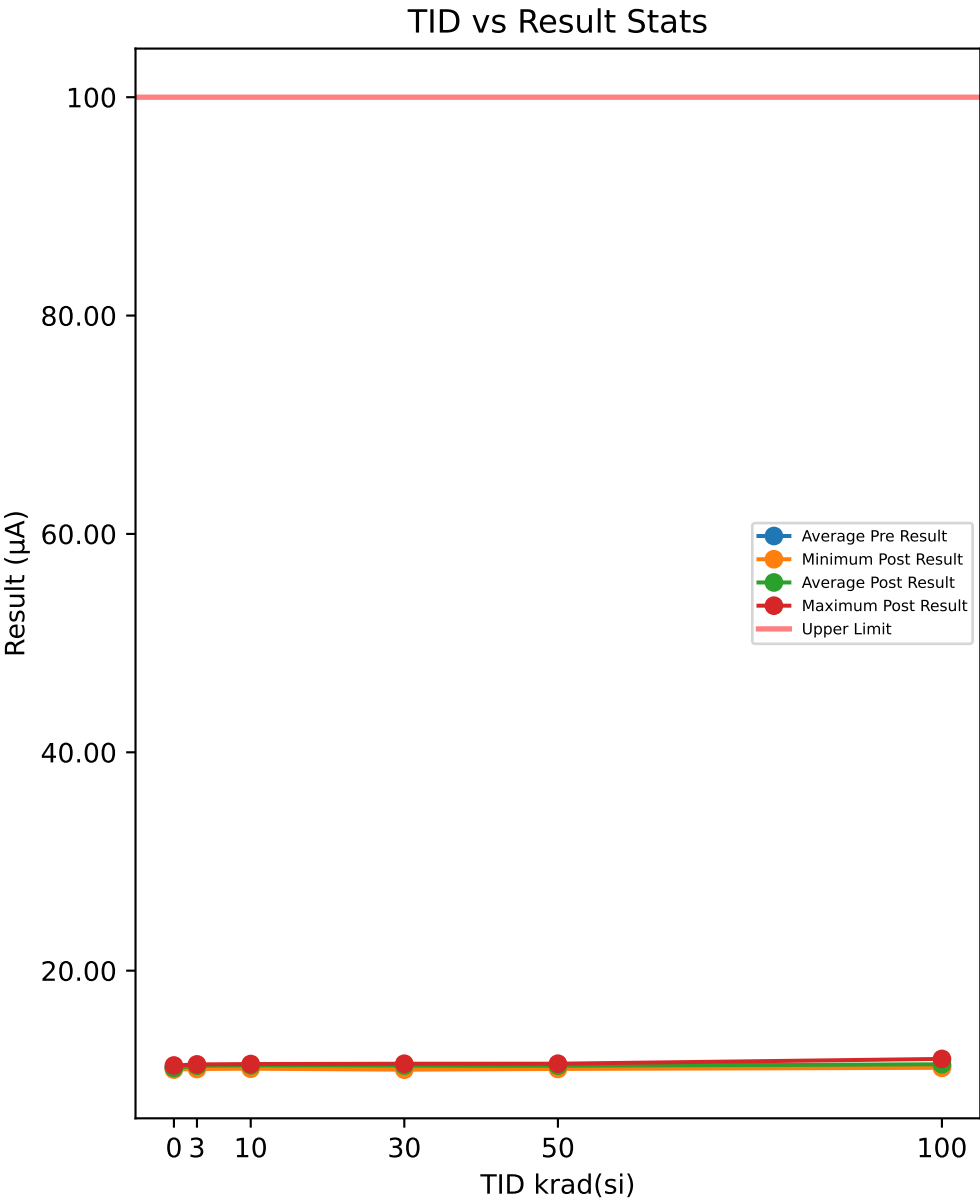
Test Results (Lower Limit = 23.28, Upper Limit = 24.72 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	24.058	24.056	-0.002
301	0	Correlation	24.184	24.184	0
302	0	Correlation	24.094	24.092	-0.002
303	3	Bias	24.02	24.027	0.007
304	3	Bias	23.969	23.964	-0.005
305	3	Bias	24.147	24.152	0.005
306	3	Bias	24.071	24.07	-0.001
307	3	Bias	24.102	24.101	-0.001
308	3	Unbiased	24.137	24.144	0.007
309	3	Unbiased	24.094	24.097	0.003
310	3	Unbiased	24.045	24.046	0.001
311	3	Unbiased	24.086	24.077	-0.009
312	3	Unbiased	24.098	24.102	0.004
313	10	Bias	24.065	24.071	0.006
314	10	Bias	24.149	24.147	-0.002
315	10	Bias	24.079	24.082	0.003
316	10	Bias	24.145	24.141	-0.004
317	10	Bias	24.146	24.144	-0.002
318	10	Unbiased	24.128	24.126	-0.002
319	10	Unbiased	24.09	24.089	-0.001
320	10	Unbiased	24.136	24.095	-0.041
321	10	Unbiased	24.099	24.136	0.037
322	10	Unbiased	24.001	24.003	0.002
323	30	Bias	24.105	24.107	0.002
324	30	Bias	24.12	24.122	0.002
325	30	Bias	24.178	24.163	-0.015
326	30	Bias	24.077	24.081	0.004
327	30	Bias	24.201	24.199	-0.002
328	30	Unbiased	24.193	24.186	-0.007
329	30	Unbiased	24.109	24.114	0.005
330	30	Unbiased	24.14	24.136	-0.004
331	30	Unbiased	24.153	24.153	0
332	30	Unbiased	24.011	24.009	-0.002
333	50	Bias	24.167	24.179	0.012
334	50	Bias	24.032	24.039	0.007
335	50	Bias	24.05	24.039	-0.011
336	50	Bias	24.102	24.099	-0.003
337	50	Bias	24.186	24.183	-0.003
338	50	Unbiased	24.112	24.115	0.003
339	50	Unbiased	24.081	24.085	0.004
340	50	Unbiased	24.056	24.07	0.014
341	50	Unbiased	24.182	24.188	0.006
342	50	Unbiased	24.145	24.175	0.03
343	100	Bias	24.089	24.091	0.002
344	100	Bias	24.061	24.06	-0.001
345	100	Bias	24.159	24.161	0.002
346	100	Bias	24.112	24.117	0.005
347	100	Bias	24.079	24.104	0.025
348	100	Unbiased	24.197	24.203	0.006
349	100	Unbiased	24.091	24.102	0.011
350	100	Unbiased	24.104	24.101	-0.003
351	100	Unbiased	24.012	24.013	0.001
352	100	Unbiased	23.996	24.021	0.025

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.058	24.112	24.184	0.0649	24.056	24.111	24.184	0.06601	-0.002	-0.0013333	0	0.0011547
3	23.969	24.077	24.147	0.053654	23.964	24.078	24.152	0.055761	-0.009	0.0011	0.007	0.0052164
10	24.001	24.104	24.149	0.047194	24.003	24.103	24.147	0.045218	-0.041	-0.0004	0.037	0.018638
30	24.011	24.129	24.201	0.057795	24.009	24.127	24.199	0.055128	-0.015	-0.0017	0.005	0.0059451
50	24.032	24.111	24.186	0.056692	24.039	24.117	24.188	0.059938	-0.011	0.0059	0.03	0.011259
100	23.996	24.09	24.197	0.060345	24.013	24.097	24.203	0.057791	-0.003	0.0073	0.025	0.0101

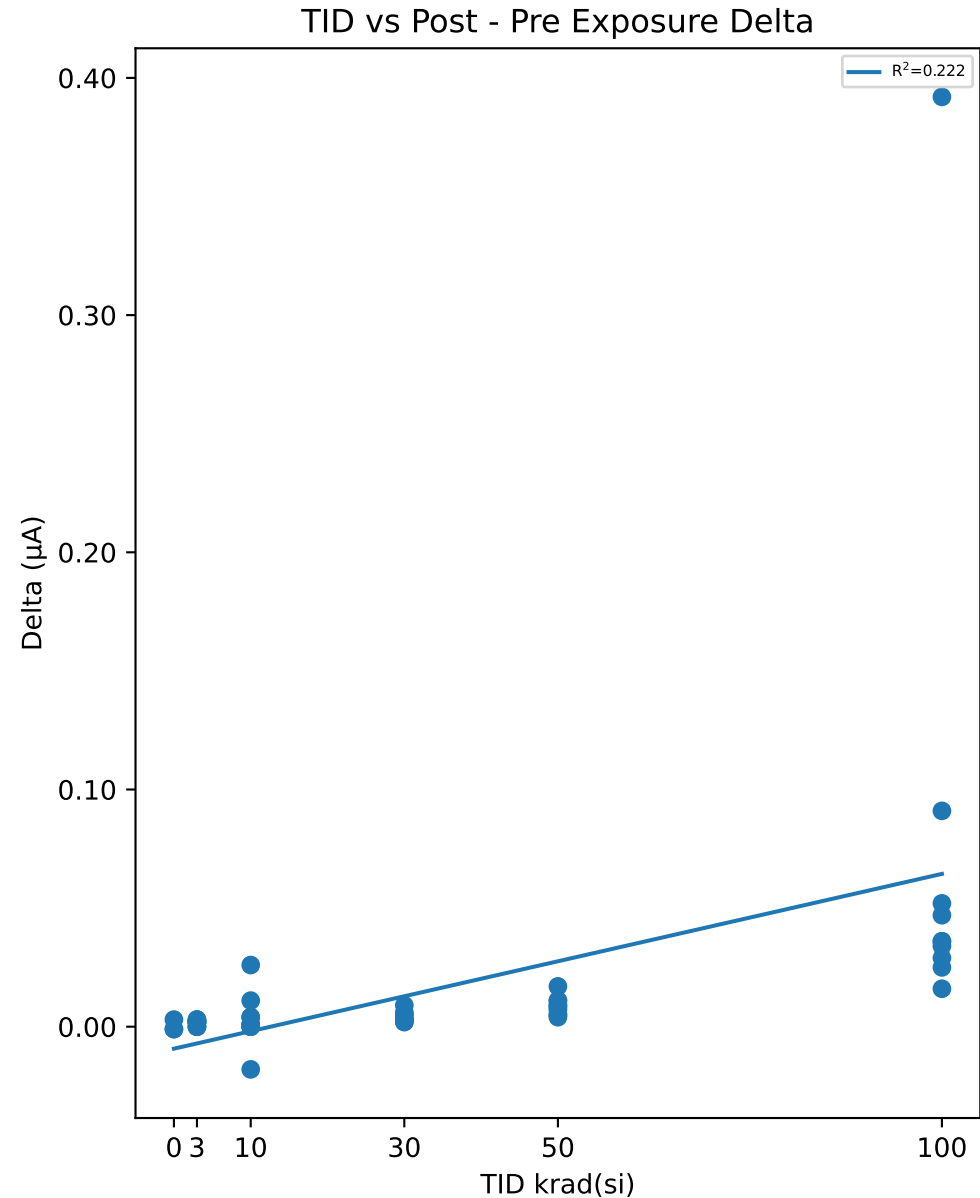
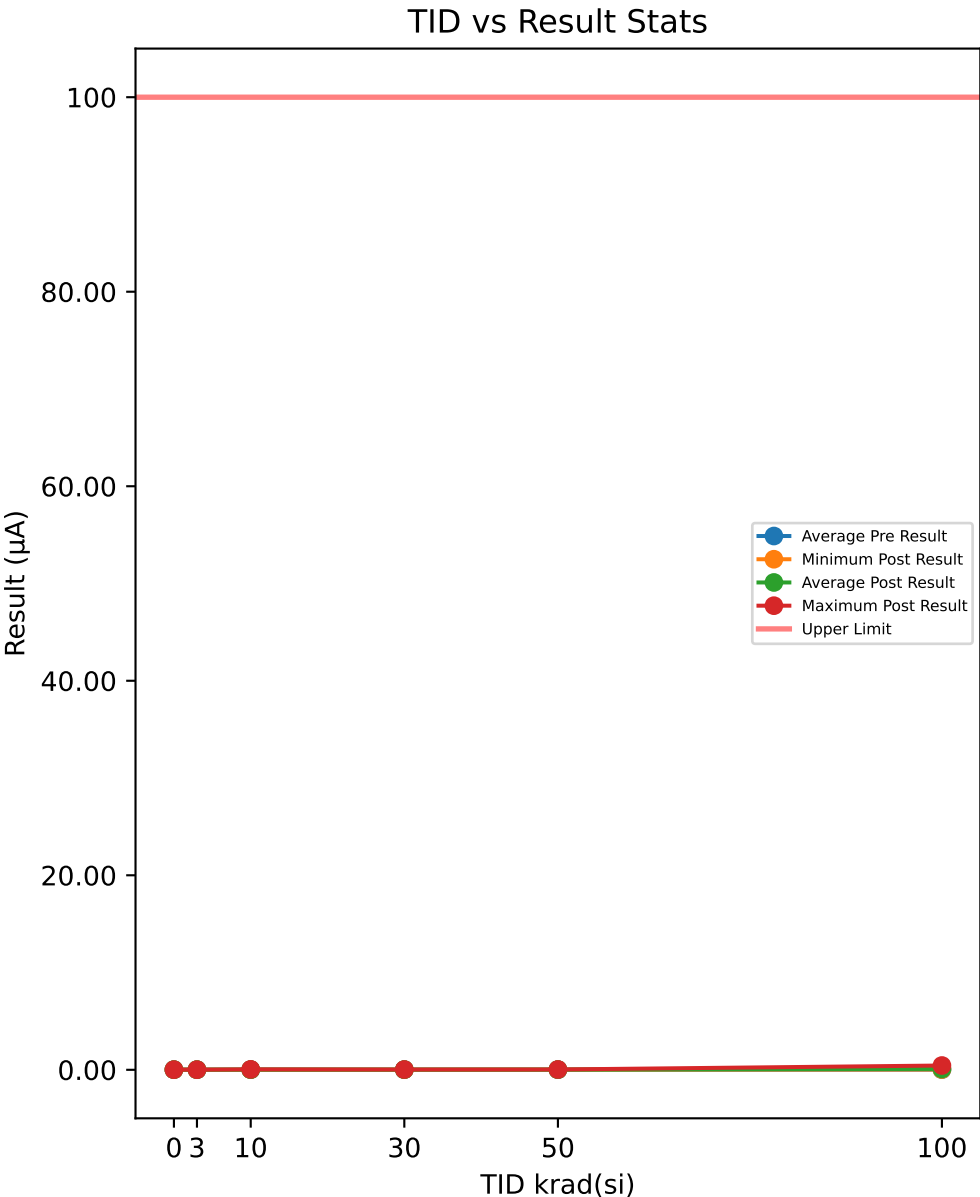
Device Test: 6.33 ; PULL_UP_LKG



Test Results (Upper Limit = 100.0 (µA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	11.083	11.008	-0.075
301	0	Correlation	11.001	10.941	-0.06
302	0	Correlation	11.357	11.316	-0.041
303	3	Bias	11.367	11.361	-0.006
304	3	Bias	11.27	11.254	-0.016
305	3	Bias	11.364	11.356	-0.008
306	3	Bias	11.406	11.416	0.01
307	3	Bias	11.337	11.32	-0.017
308	3	Unbiased	11.369	11.371	0.002
309	3	Unbiased	11.333	11.334	0.001
310	3	Unbiased	11.365	11.374	0.009
311	3	Unbiased	10.992	10.994	0.002
312	3	Unbiased	11.256	11.237	-0.019
313	10	Bias	11.381	11.372	-0.009
314	10	Bias	11.289	11.268	-0.021
315	10	Bias	11.456	11.449	-0.007
316	10	Bias	11.042	11.021	-0.021
317	10	Bias	11.438	11.423	-0.015
318	10	Unbiased	11.38	11.357	-0.023
319	10	Unbiased	11.423	11.398	-0.025
320	10	Unbiased	11.331	11.414	0.083
321	10	Unbiased	11.433	11.305	-0.128
322	10	Unbiased	11.316	11.296	-0.02
323	30	Bias	11.423	11.41	-0.013
324	30	Bias	10.946	10.931	-0.015
325	30	Bias	11.327	11.353	0.026
326	30	Bias	11.098	11.082	-0.016
327	30	Bias	11.504	11.477	-0.027
328	30	Unbiased	11.235	11.23	-0.005
329	30	Unbiased	11.414	11.405	-0.009
330	30	Unbiased	11.176	11.298	0.122
331	30	Unbiased	11.479	11.454	-0.025
332	30	Unbiased	11.437	11.438	0.001
333	50	Bias	11.063	11.061	-0.002
334	50	Bias	11.4	11.451	0.051
335	50	Bias	11.399	11.396	-0.003
336	50	Bias	11.497	11.48	-0.017
337	50	Bias	11.377	11.365	-0.012
338	50	Unbiased	11.006	11	-0.006
339	50	Unbiased	11.172	11.348	0.176
340	50	Unbiased	11.231	11.276	0.045
341	50	Unbiased	11.294	11.333	0.039
342	50	Unbiased	11.256	11.286	0.03
343	100	Bias	11.374	11.551	0.177
344	100	Bias	11.342	11.465	0.123
345	100	Bias	11.037	11.101	0.064
346	100	Bias	11.317	11.397	0.08
347	100	Bias	11.158	11.431	0.273
348	100	Unbiased	11.305	11.377	0.072
349	100	Unbiased	11.294	11.341	0.047
350	100	Unbiased	11.23	11.293	0.063
351	100	Unbiased	11.327	11.395	0.068
352	100	Unbiased	11.225	11.917	0.692

Test Statistics (µA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.001	11.147	11.357	0.18643	10.941	11.088	11.316	0.19999	-0.075	-0.058667	-0.041	0.017039
3	10.992	11.306	11.406	0.11954	10.994	11.302	11.416	0.12114	-0.019	-0.0042	0.01	0.010644
10	11.042	11.349	11.456	0.12163	11.021	11.33	11.449	0.12387	-0.128	-0.0186	0.083	0.050116
30	10.946	11.304	11.504	0.18465	10.931	11.308	11.477	0.17889	-0.027	0.0039	0.122	0.04412
50	11.006	11.27	11.497	0.15669	11	11.3	11.48	0.15632	-0.017	0.0301	0.176	0.057198
100	11.037	11.261	11.374	0.10159	11.101	11.427	11.917	0.20896	0.047	0.1659	0.692	0.19751

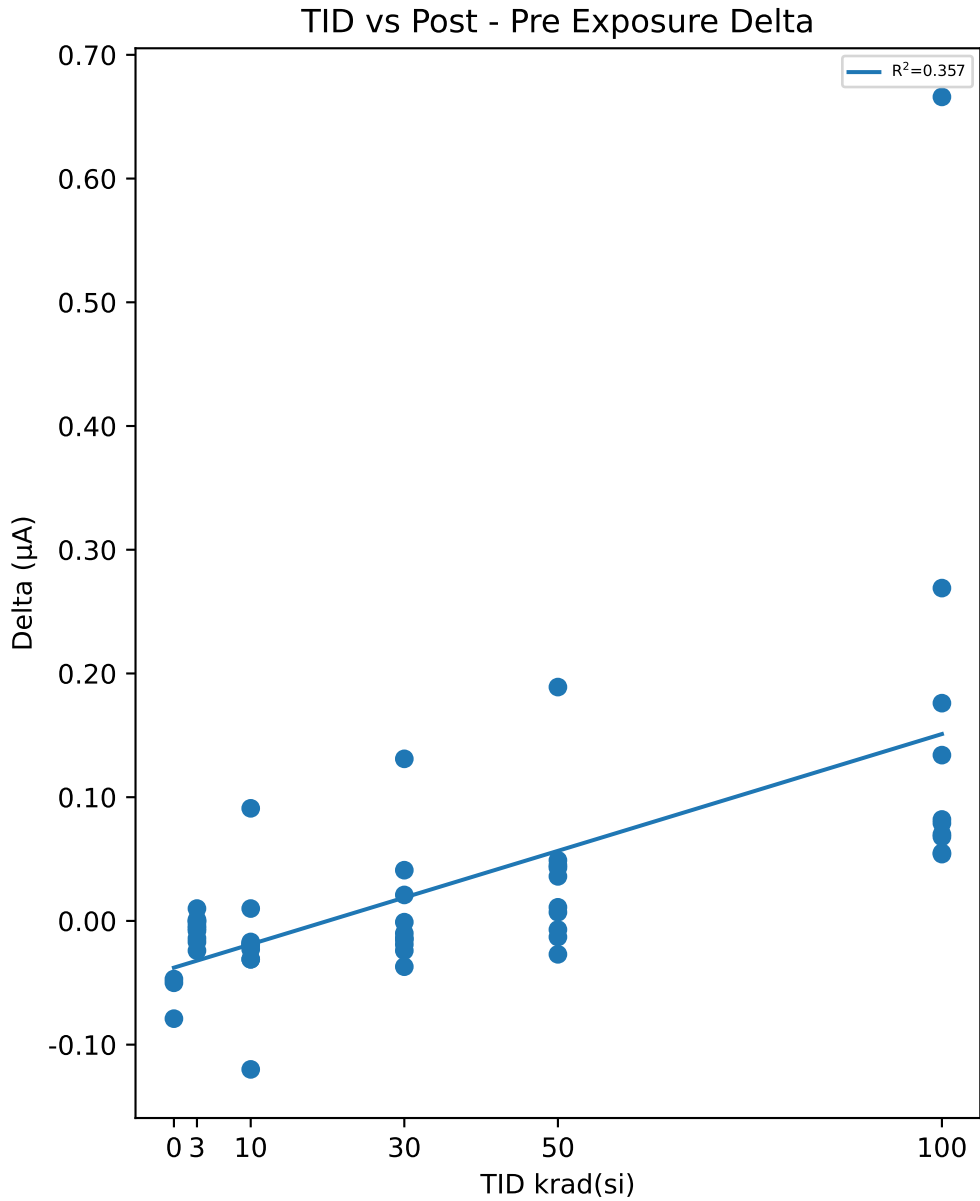
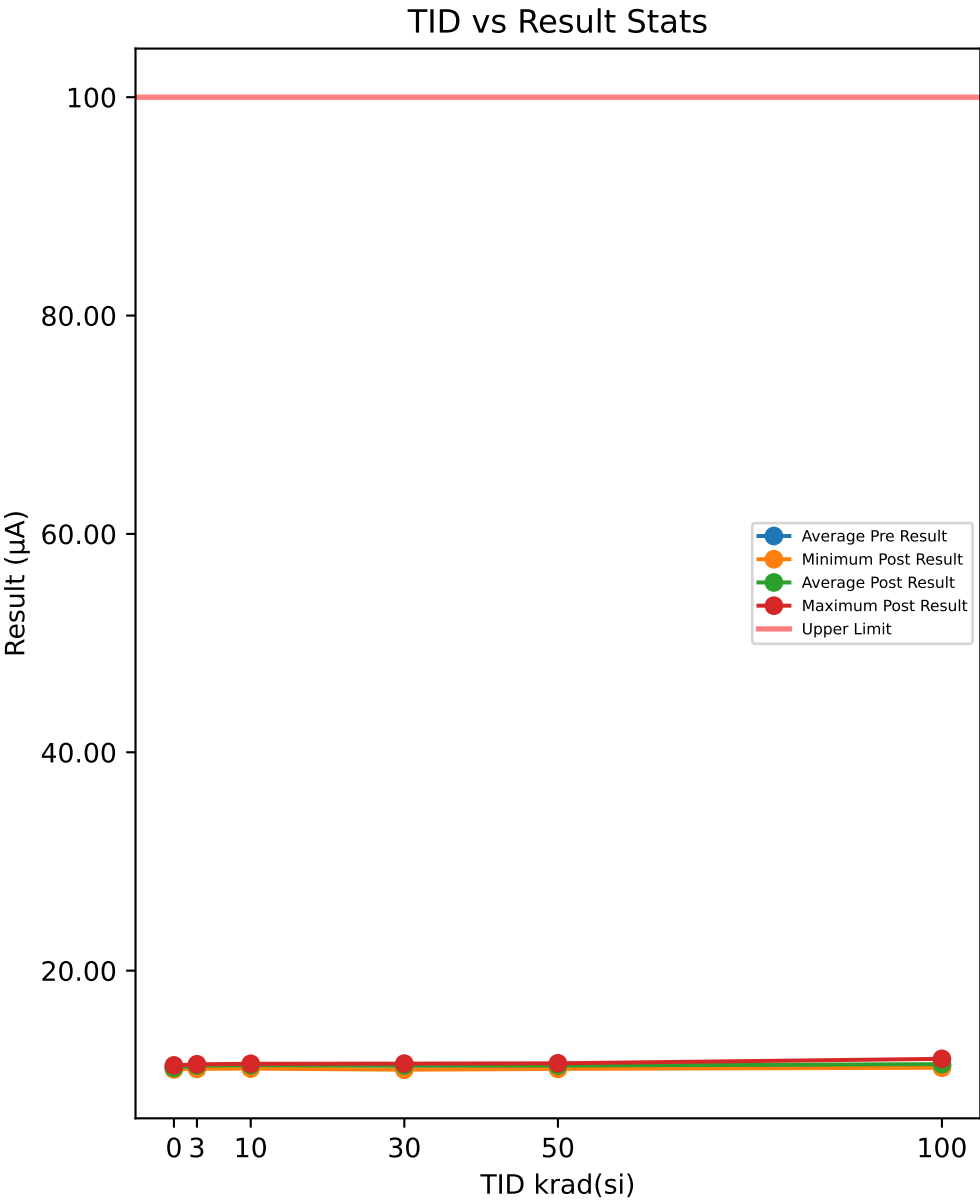
Device Test: 6.34 ; PULL_UP_LKG



Test Results (Upper Limit = 100.0 (µA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.013	0.012	-0.001
301	0	Correlation	0.013	0.012	-0.001
302	0	Correlation	0.012	0.015	0.003
303	3	Bias	0.011	0.013	0.002
304	3	Bias	0.011	0.014	0.003
305	3	Bias	0.012	0.014	0.002
306	3	Bias	0.012	0.012	0
307	3	Bias	0.01	0.012	0.002
308	3	Unbiased	0.01	0.013	0.003
309	3	Unbiased	0.012	0.014	0.002
310	3	Unbiased	0.01	0.012	0.002
311	3	Unbiased	0.014	0.014	0
312	3	Unbiased	0.013	0.013	0
313	10	Bias	0.013	0.013	0
314	10	Bias	0.012	0.012	0
315	10	Bias	0.034	0.045	0.011
316	10	Bias	0.014	0.015	0.001
317	10	Bias	0.011	0.015	0.004
318	10	Unbiased	0.014	0.018	0.004
319	10	Unbiased	0.014	0.014	0
320	10	Unbiased	0.014	0.04	0.026
321	10	Unbiased	0.031	0.013	-0.018
322	10	Unbiased	0.012	0.013	0.001
323	30	Bias	0.012	0.014	0.002
324	30	Bias	0.013	0.016	0.003
325	30	Bias	0.014	0.019	0.005
326	30	Bias	0.013	0.016	0.003
327	30	Bias	0.012	0.015	0.003
328	30	Unbiased	0.012	0.017	0.005
329	30	Unbiased	0.012	0.015	0.003
330	30	Unbiased	0.018	0.027	0.009
331	30	Unbiased	0.012	0.014	0.002
332	30	Unbiased	0.013	0.019	0.006
333	50	Bias	0.013	0.022	0.009
334	50	Bias	0.013	0.024	0.011
335	50	Bias	0.012	0.017	0.005
336	50	Bias	0.013	0.017	0.004
337	50	Bias	0.016	0.033	0.017
338	50	Unbiased	0.013	0.018	0.005
339	50	Unbiased	0.013	0.024	0.011
340	50	Unbiased	0.01	0.018	0.008
341	50	Unbiased	0.01	0.017	0.007
342	50	Unbiased	0.011	0.02	0.009
343	100	Bias	0.017	0.108	0.091
344	100	Bias	0.011	0.058	0.047
345	100	Bias	0.012	0.041	0.029
346	100	Bias	0.011	0.047	0.036
347	100	Bias	0.049	0.441	0.392
348	100	Unbiased	0.011	0.036	0.025
349	100	Unbiased	0.011	0.027	0.016
350	100	Unbiased	0.011	0.047	0.036
351	100	Unbiased	0.01	0.044	0.034
352	100	Unbiased	0.012	0.064	0.052

Test Statistics (µA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.012	0.012667	0.013	0.00057735	0.012	0.013	0.015	0.0017321	-0.001	0.00033333	0.003	0.0023094
3	0.01	0.0115	0.014	0.001354	0.012	0.0131	0.014	0.0008756	0	0.0016	0.003	0.0011738
10	0.011	0.0169	0.034	0.0083193	0.012	0.0198	0.045	0.012136	-0.018	0.0029	0.026	0.010908
30	0.012	0.0131	0.018	0.0018529	0.014	0.0172	0.027	0.0038816	0.002	0.0041	0.009	0.0021833
50	0.01	0.0124	0.016	0.0017764	0.017	0.021	0.033	0.0050553	0.004	0.0086	0.017	0.0038355
100	0.01	0.0155	0.049	0.011928	0.027	0.0913	0.441	0.12486	0.016	0.0758	0.392	0.11298

Device Test: 6.35 ; PULL_UP_LKG

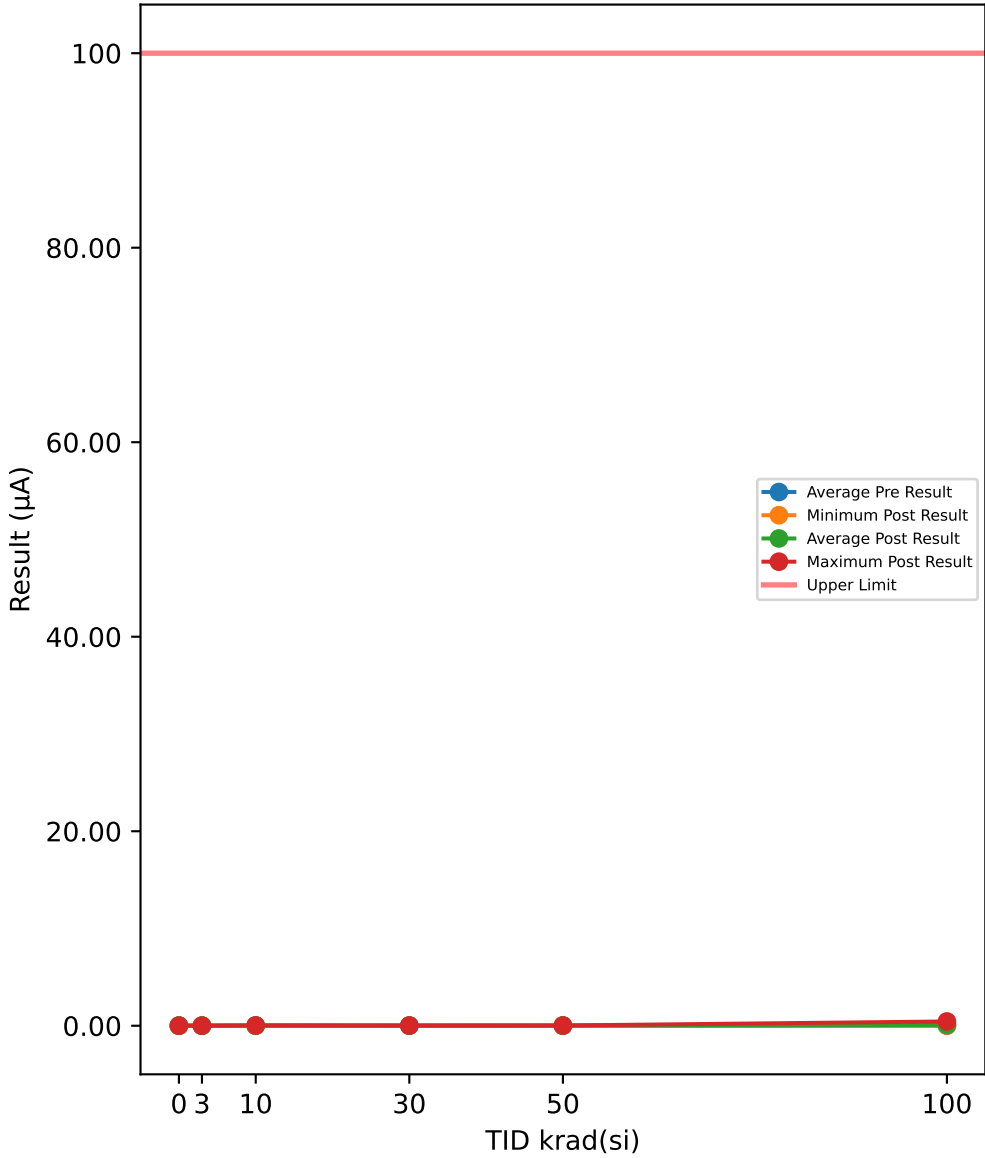


Test Results (Upper Limit = 100.0 (µA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	11.088	11.009	-0.079
301	0	Correlation	11.004	10.954	-0.05
302	0	Correlation	11.368	11.321	-0.047
303	3	Bias	11.379	11.362	-0.017
304	3	Bias	11.267	11.261	-0.006
305	3	Bias	11.375	11.361	-0.014
306	3	Bias	11.423	11.423	0
307	3	Bias	11.336	11.328	-0.008
308	3	Unbiased	11.371	11.37	-0.001
309	3	Unbiased	11.344	11.345	0.001
310	3	Unbiased	11.371	11.381	0.01
311	3	Unbiased	11.004	11	-0.004
312	3	Unbiased	11.265	11.241	-0.024
313	10	Bias	11.393	11.374	-0.019
314	10	Bias	11.292	11.269	-0.023
315	10	Bias	11.458	11.468	0.01
316	10	Bias	11.045	11.028	-0.017
317	10	Bias	11.446	11.428	-0.018
318	10	Unbiased	11.395	11.364	-0.031
319	10	Unbiased	11.428	11.397	-0.031
320	10	Unbiased	11.331	11.422	0.091
321	10	Unbiased	11.437	11.317	-0.12
322	10	Unbiased	11.322	11.302	-0.02
323	30	Bias	11.429	11.428	-0.001
324	30	Bias	10.942	10.928	-0.014
325	30	Bias	11.322	11.363	0.041
326	30	Bias	11.111	11.074	-0.037
327	30	Bias	11.503	11.484	-0.019
328	30	Unbiased	11.247	11.237	-0.01
329	30	Unbiased	11.421	11.397	-0.024
330	30	Unbiased	11.182	11.313	0.131
331	30	Unbiased	11.479	11.464	-0.015
332	30	Unbiased	11.432	11.453	0.021
333	50	Bias	11.065	11.058	-0.007
334	50	Bias	11.419	11.464	0.045
335	50	Bias	11.409	11.396	-0.013
336	50	Bias	11.506	11.513	0.007
337	50	Bias	11.366	11.377	0.011
338	50	Unbiased	11.028	11.001	-0.027
339	50	Unbiased	11.173	11.362	0.189
340	50	Unbiased	11.241	11.29	0.049
341	50	Unbiased	11.301	11.344	0.043
342	50	Unbiased	11.256	11.292	0.036
343	100	Bias	11.39	11.566	0.176
344	100	Bias	11.343	11.477	0.134
345	100	Bias	11.031	11.11	0.079
346	100	Bias	11.318	11.4	0.082
347	100	Bias	11.162	11.431	0.269
348	100	Unbiased	11.316	11.37	0.054
349	100	Unbiased	11.302	11.357	0.055
350	100	Unbiased	11.24	11.308	0.068
351	100	Unbiased	11.336	11.406	0.07
352	100	Unbiased	11.255	11.921	0.666

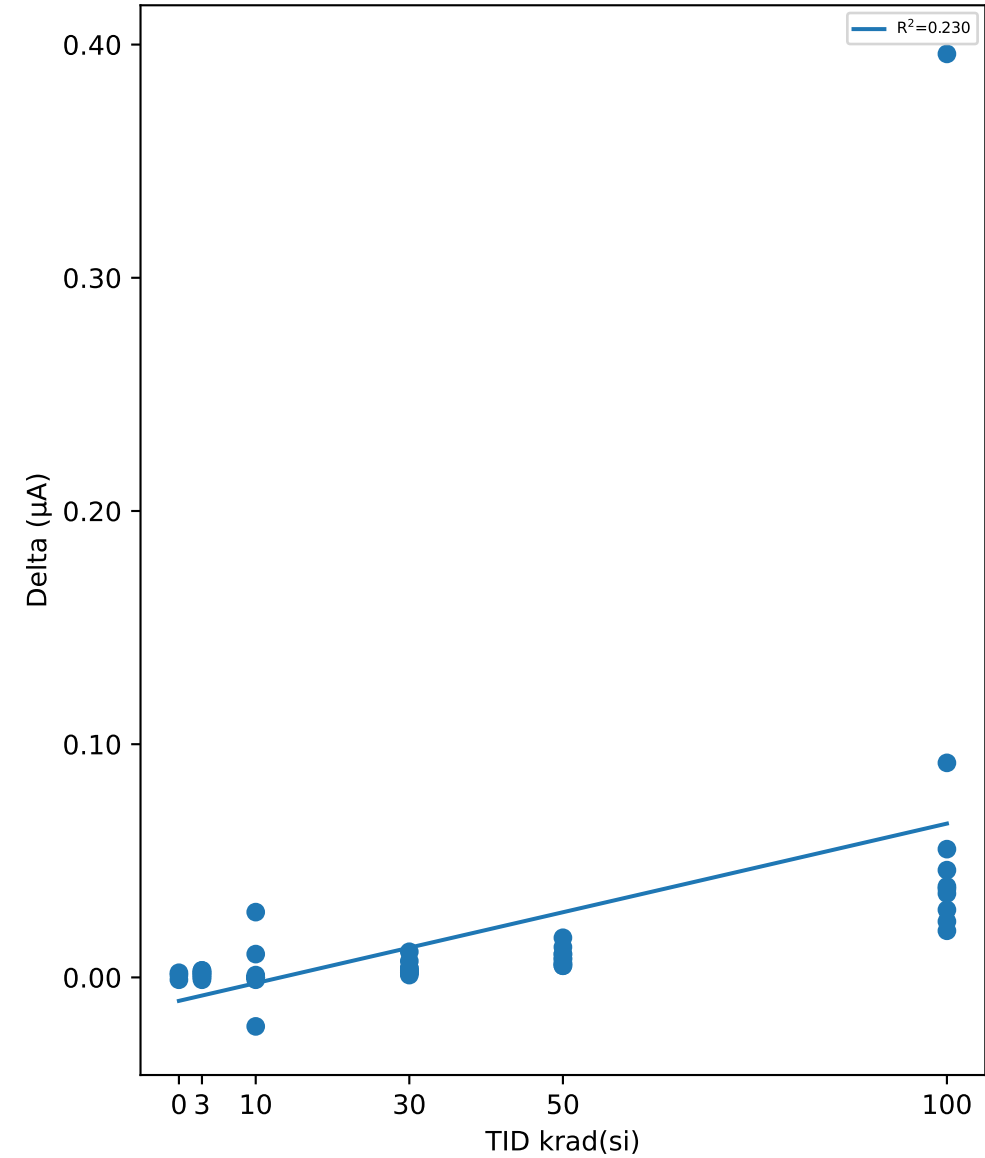
Test Statistics (μA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.004	11.153	11.368	0.19059	10.954	11.095	11.321	0.19793	-0.079	-0.058667	-0.047	0.017673
3	11.004	11.314	11.423	0.11945	11	11.307	11.423	0.12085	-0.024	-0.0063	0.01	0.0099001
10	11.045	11.355	11.458	0.1228	11.028	11.337	11.468	0.12476	-0.12	-0.0178	0.091	0.051031
30	10.942	11.307	11.503	0.18336	10.928	11.314	11.484	0.18425	-0.037	0.0073	0.131	0.048965
50	11.028	11.276	11.506	0.15564	11.001	11.31	11.513	0.16343	-0.027	0.0333	0.189	0.060846
100	11.031	11.269	11.39	0.10511	11.11	11.435	11.921	0.20797	0.054	0.1653	0.666	0.18857

Device Test: 6.36 ; PULL_UP_LKG

TID vs Result Stats



TID vs Post - Pre Exposure Delta

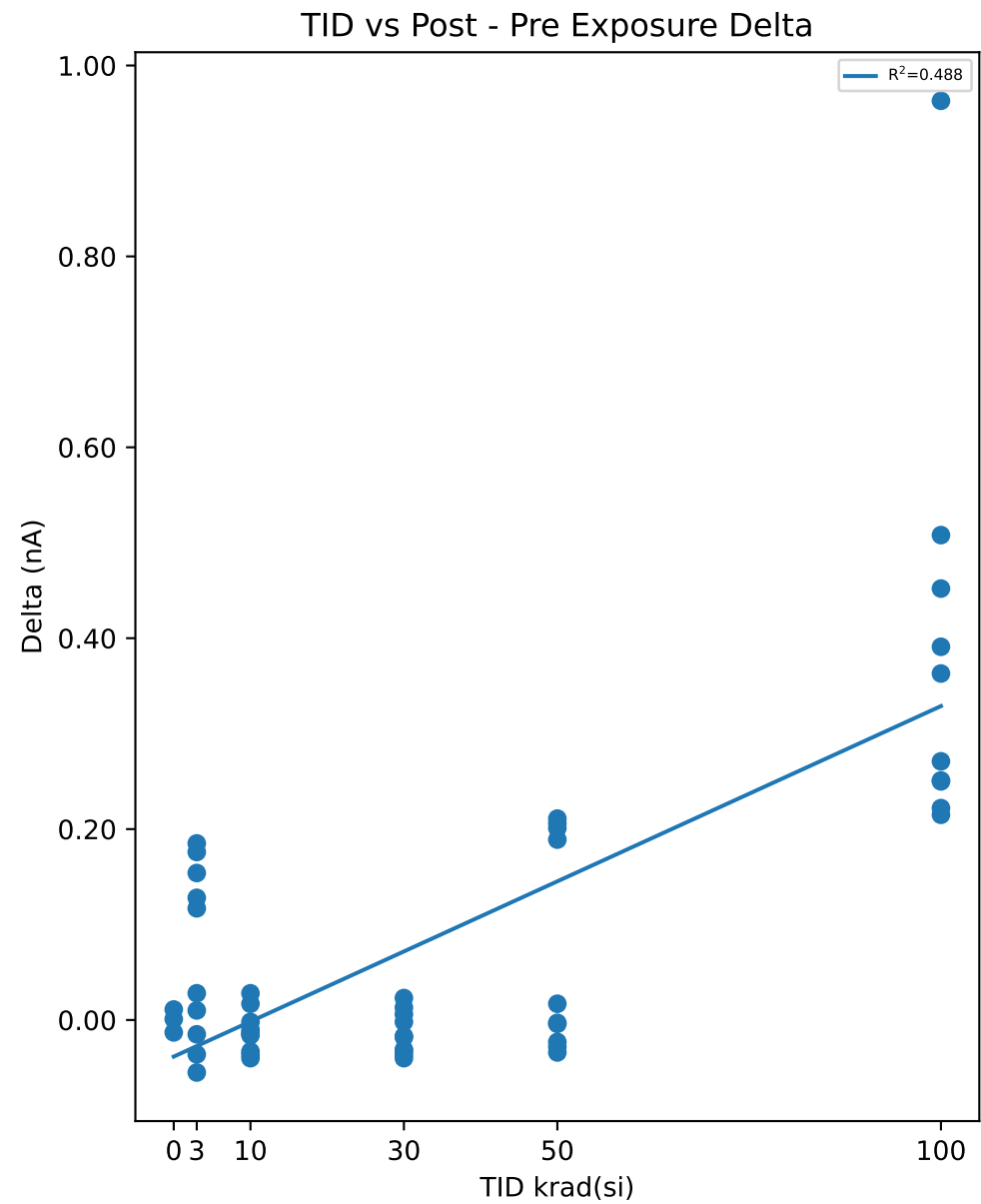
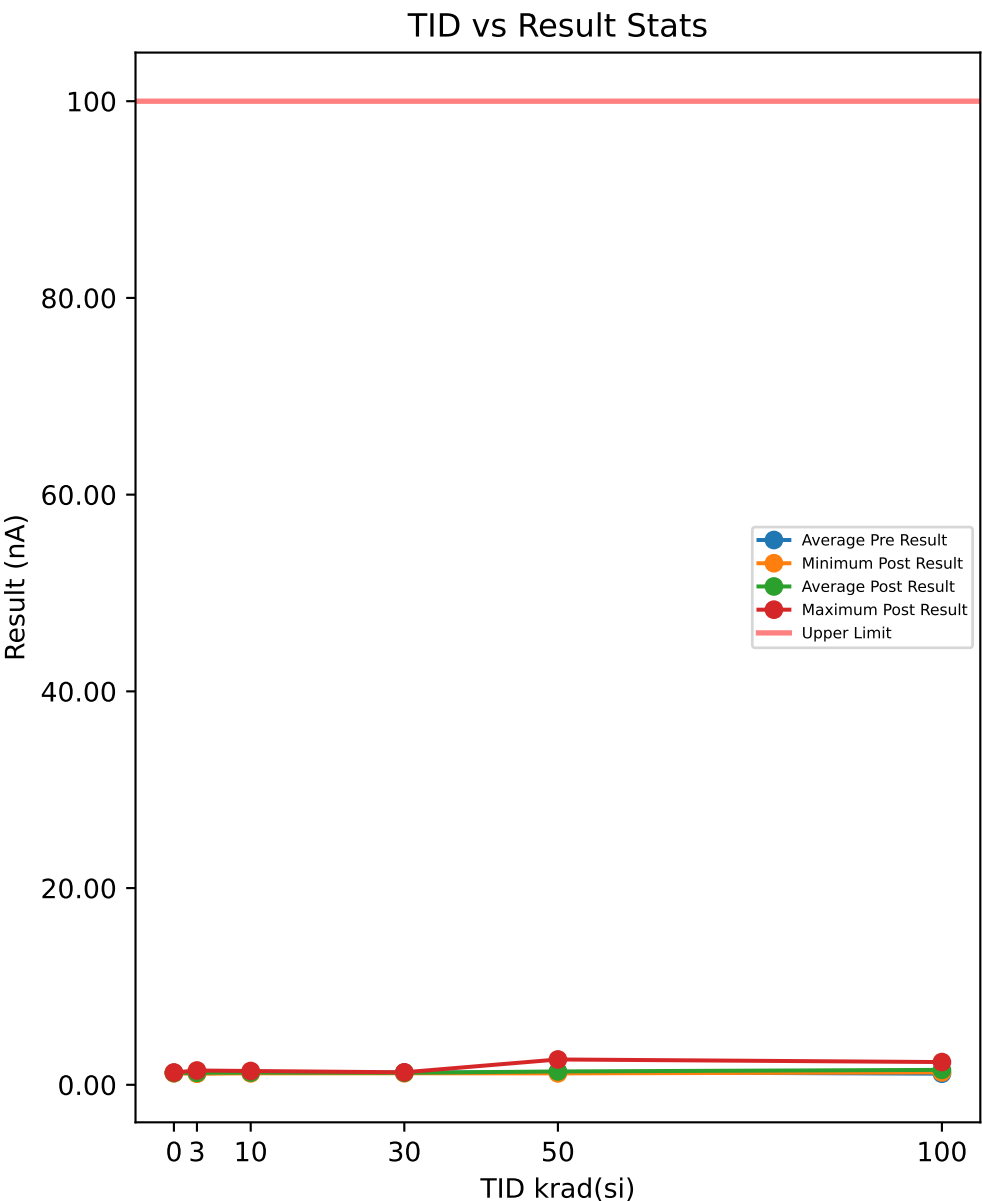


Test Results (Upper Limit = 100.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.005	0.007	0.002
301	0	Correlation	0.007	0.006	-0.001
302	0	Correlation	0.008	0.009	0.001
303	3	Bias	0.005	0.006	0.001
304	3	Bias	0.005	0.008	0.003
305	3	Bias	0.007	0.008	0.001
306	3	Bias	0.004	0.006	0.002
307	3	Bias	0.004	0.007	0.003
308	3	Unbiased	0.004	0.006	0.002
309	3	Unbiased	0.006	0.006	0
310	3	Unbiased	0.005	0.007	0.002
311	3	Unbiased	0.007	0.006	-0.001
312	3	Unbiased	0.006	0.006	0
313	10	Bias	0.007	0.007	0
314	10	Bias	0.007	0.007	0
315	10	Bias	0.028	0.038	0.01
316	10	Bias	0.007	0.007	0
317	10	Bias	0.009	0.009	0
318	10	Unbiased	0.009	0.008	-0.001
319	10	Unbiased	0.007	0.007	0
320	10	Unbiased	0.006	0.034	0.028
321	10	Unbiased	0.027	0.006	-0.021
322	10	Unbiased	0.005	0.006	0.001
323	30	Bias	0.008	0.009	0.001
324	30	Bias	0.006	0.01	0.004
325	30	Bias	0.005	0.012	0.007
326	30	Bias	0.008	0.011	0.003
327	30	Bias	0.006	0.008	0.002
328	30	Unbiased	0.007	0.011	0.004
329	30	Unbiased	0.005	0.008	0.003
330	30	Unbiased	0.011	0.022	0.011
331	30	Unbiased	0.007	0.009	0.002
332	30	Unbiased	0.011	0.013	0.002
333	50	Bias	0.009	0.015	0.006
334	50	Bias	0.01	0.02	0.01
335	50	Bias	0.006	0.014	0.008
336	50	Bias	0.007	0.012	0.005
337	50	Bias	0.009	0.026	0.017
338	50	Unbiased	0.006	0.011	0.005
339	50	Unbiased	0.006	0.019	0.013
340	50	Unbiased	0.004	0.014	0.01
341	50	Unbiased	0.004	0.012	0.008
342	50	Unbiased	0.005	0.011	0.006
343	100	Bias	0.011	0.103	0.092
344	100	Bias	0.006	0.052	0.046
345	100	Bias	0.005	0.034	0.029
346	100	Bias	0.004	0.043	0.039
347	100	Bias	0.044	0.44	0.396
348	100	Unbiased	0.005	0.029	0.024
349	100	Unbiased	0.004	0.024	0.02
350	100	Unbiased	0.005	0.043	0.038
351	100	Unbiased	0.003	0.039	0.036
352	100	Unbiased	0.005	0.06	0.055

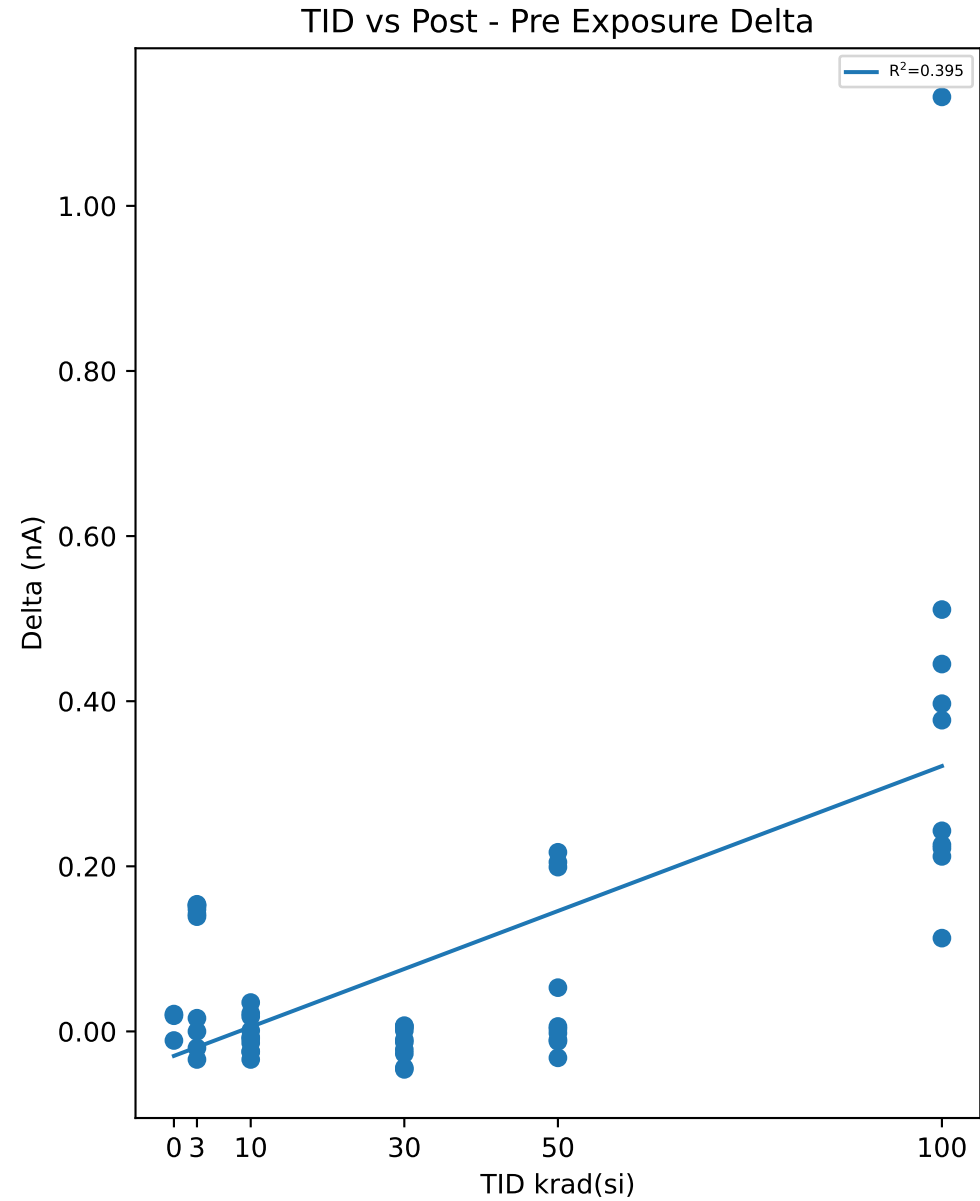
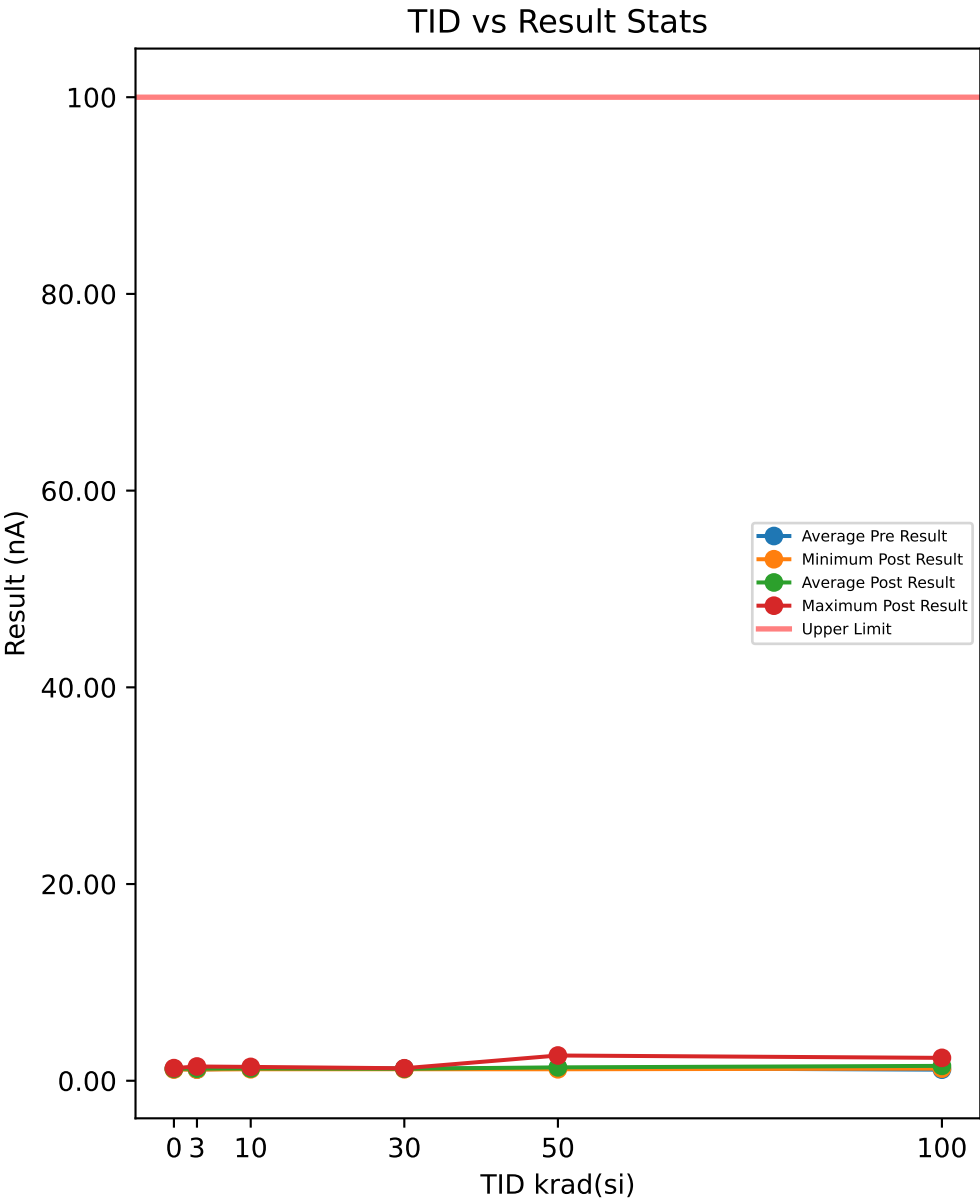
Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.005	0.0066667	0.008	0.0015275	0.006	0.0073333	0.009	0.0015275	-0.001	0.00066667	0.002	0.0015275
3	0.004	0.0053	0.007	0.0011595	0.006	0.0066	0.008	0.00084327	-0.001	0.0013	0.003	0.0013375
10	0.005	0.0112	0.028	0.0086769	0.006	0.0129	0.038	0.012242	-0.021	0.0017	0.028	0.01201
30	0.005	0.0074	0.011	0.0021705	0.008	0.0113	0.022	0.004111	0.001	0.0039	0.011	0.0029981
50	0.004	0.0066	0.01	0.0021187	0.011	0.0154	0.026	0.004858	0.005	0.0088	0.017	0.0038528
100	0.003	0.0092	0.044	0.012417	0.024	0.0867	0.44	0.12611	0.02	0.0775	0.396	0.11374



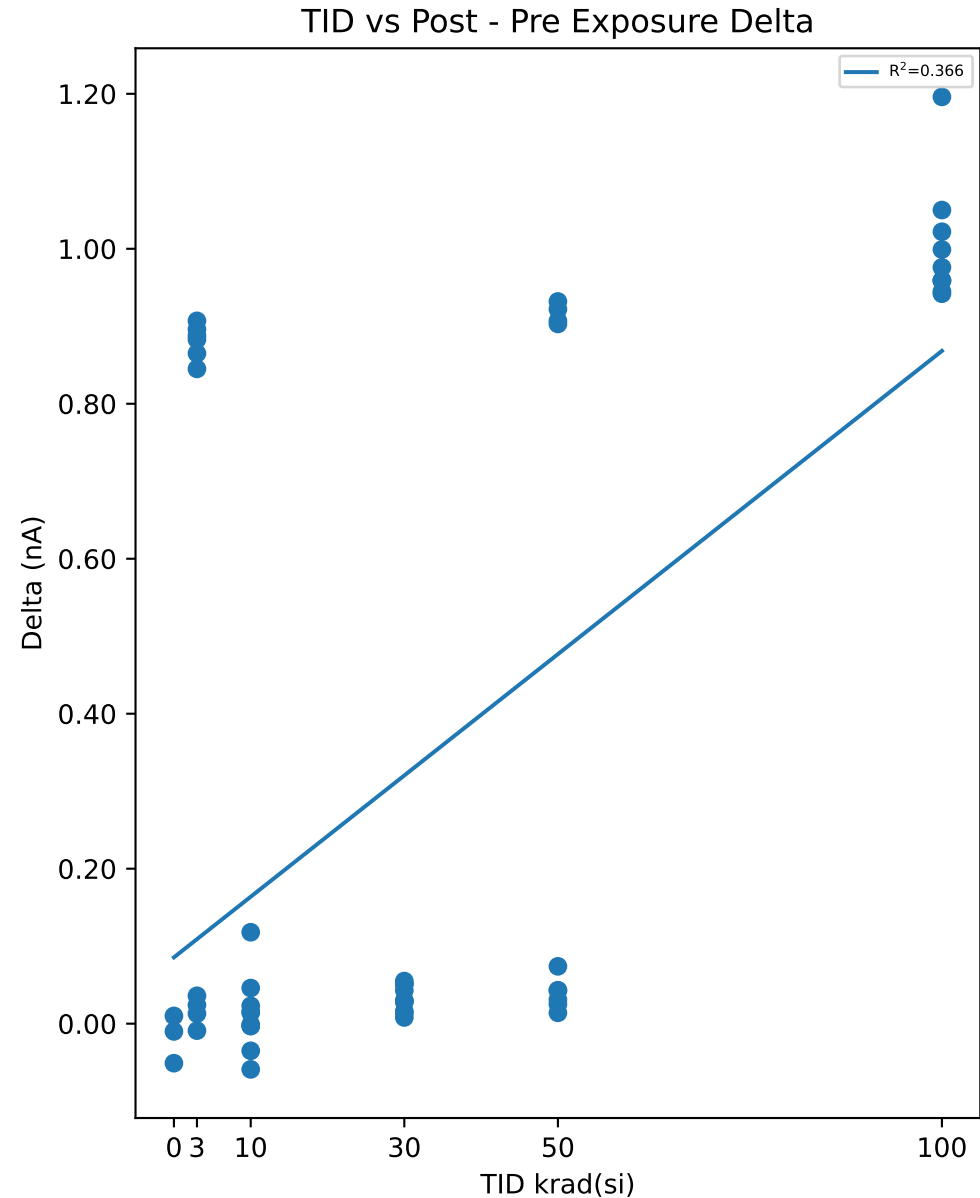
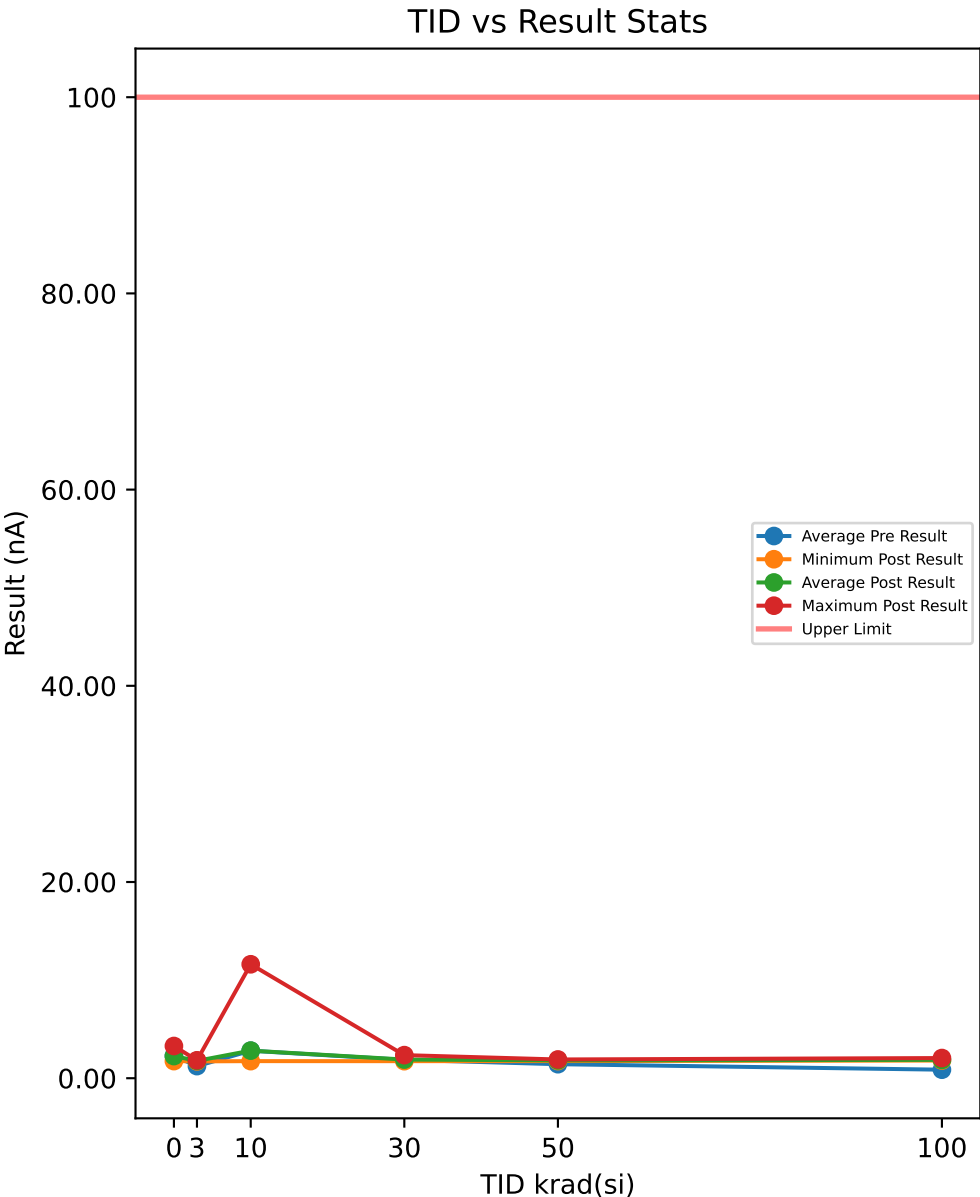
Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.195	1.196	0.001
301	0	Correlation	1.16	1.171	0.011
302	0	Correlation	1.264	1.251	-0.013
303	3	Bias	0.982	1.167	0.185
304	3	Bias	1.024	1.178	0.154
305	3	Bias	1.002	1.13	0.128
306	3	Bias	1.311	1.321	0.01
307	3	Bias	0.971	1.147	0.176
308	3	Unbiased	1.106	1.223	0.117
309	3	Unbiased	1.196	1.224	0.028
310	3	Unbiased	1.27	1.234	-0.036
311	3	Unbiased	1.238	1.183	-0.055
312	3	Unbiased	1.47	1.455	-0.015
313	10	Bias	1.251	1.237	-0.014
314	10	Bias	1.202	1.169	-0.033
315	10	Bias	1.347	1.311	-0.036
316	10	Bias	1.192	1.209	0.017
317	10	Bias	1.191	1.189	-0.002
318	10	Unbiased	1.417	1.403	-0.014
319	10	Unbiased	1.175	1.165	-0.01
320	10	Unbiased	1.173	1.201	0.028
321	10	Unbiased	1.235	1.195	-0.04
322	10	Unbiased	1.361	1.345	-0.016
323	30	Bias	1.229	1.189	-0.04
324	30	Bias	1.254	1.237	-0.017
325	30	Bias	1.246	1.215	-0.031
326	30	Bias	1.179	1.202	0.023
327	30	Bias	1.19	1.172	-0.018
328	30	Unbiased	1.278	1.242	-0.036
329	30	Unbiased	1.208	1.176	-0.032
330	30	Unbiased	1.263	1.269	0.006
331	30	Unbiased	1.258	1.271	0.013
332	30	Unbiased	1.251	1.249	-0.002
333	50	Bias	1.271	1.248	-0.023
334	50	Bias	1.306	1.272	-0.034
335	50	Bias	1.222	1.218	-0.004
336	50	Bias	1.189	1.161	-0.028
337	50	Bias	1.212	1.209	-0.003
338	50	Unbiased	1.166	1.183	0.017
339	50	Unbiased	1.029	1.235	0.206
340	50	Unbiased	1.082	1.283	0.201
341	50	Unbiased	2.364	2.575	0.211
342	50	Unbiased	1.005	1.194	0.189
343	100	Bias	1.151	1.401	0.25
344	100	Bias	1.037	1.259	0.222
345	100	Bias	0.968	1.359	0.391
346	100	Bias	1.289	1.741	0.452
347	100	Bias	1.121	1.392	0.271
348	100	Unbiased	1.052	1.267	0.215
349	100	Unbiased	1.072	1.323	0.251
350	100	Unbiased	1.349	2.312	0.963
351	100	Unbiased	1.251	1.759	0.508
352	100	Unbiased	1.003	1.366	0.363

Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.16	1.2063	1.264	0.052918	1.171	1.206	1.251	0.040927	-0.013	-0.00033333	0.011	0.012055
3	0.971	1.157	1.47	0.16736	1.13	1.2262	1.455	0.096973	-0.055	0.0692	0.185	0.092216
10	1.173	1.2544	1.417	0.088415	1.165	1.2424	1.403	0.081895	-0.04	-0.012	0.028	0.022035
30	1.179	1.2356	1.278	0.033036	1.172	1.2222	1.271	0.036693	-0.04	-0.0134	0.023	0.022202
50	1.005	1.2846	2.364	0.39196	1.161	1.3578	2.575	0.4294	-0.034	0.0732	0.211	0.11169
100	0.968	1.1293	1.349	0.12861	1.259	1.5179	2.312	0.33071	0.215	0.3886	0.963	0.22577



Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.191	1.212	0.021
301	0	Correlation	1.148	1.137	-0.011
302	0	Correlation	1.264	1.283	0.019
303	3	Bias	0.998	1.152	0.154
304	3	Bias	1.03	1.169	0.139
305	3	Bias	1.001	1.153	0.152
306	3	Bias	1.152	1.305	0.153
307	3	Bias	0.992	1.134	0.142
308	3	Unbiased	1.108	1.256	0.148
309	3	Unbiased	1.213	1.229	0.016
310	3	Unbiased	1.273	1.239	-0.034
311	3	Unbiased	1.228	1.228	0
312	3	Unbiased	1.471	1.451	-0.02
313	10	Bias	1.232	1.267	0.035
314	10	Bias	1.177	1.168	-0.009
315	10	Bias	1.34	1.316	-0.024
316	10	Bias	1.197	1.215	0.018
317	10	Bias	1.198	1.199	0.001
318	10	Unbiased	1.433	1.408	-0.025
319	10	Unbiased	1.181	1.167	-0.014
320	10	Unbiased	1.182	1.204	0.022
321	10	Unbiased	1.229	1.195	-0.034
322	10	Unbiased	1.361	1.354	-0.007
323	30	Bias	1.25	1.206	-0.044
324	30	Bias	1.237	1.227	-0.01
325	30	Bias	1.25	1.223	-0.027
326	30	Bias	1.193	1.2	0.007
327	30	Bias	1.191	1.169	-0.022
328	30	Unbiased	1.27	1.224	-0.046
329	30	Unbiased	1.199	1.186	-0.013
330	30	Unbiased	1.257	1.262	0.005
331	30	Unbiased	1.27	1.271	0.001
332	30	Unbiased	1.249	1.255	0.006
333	50	Bias	1.265	1.253	-0.012
334	50	Bias	1.288	1.286	-0.002
335	50	Bias	1.224	1.227	0.003
336	50	Bias	1.198	1.166	-0.032
337	50	Bias	1.197	1.203	0.006
338	50	Unbiased	1.182	1.172	-0.01
339	50	Unbiased	1.032	1.237	0.205
340	50	Unbiased	1.243	1.296	0.053
341	50	Unbiased	2.351	2.568	0.217
342	50	Unbiased	1.013	1.212	0.199
343	100	Bias	1.178	1.4	0.222
344	100	Bias	1.023	1.235	0.212
345	100	Bias	0.962	1.339	0.377
346	100	Bias	1.294	1.739	0.445
347	100	Bias	1.126	1.369	0.243
348	100	Unbiased	1.049	1.275	0.226
349	100	Unbiased	1.213	1.326	0.113
350	100	Unbiased	1.195	2.327	1.132
351	100	Unbiased	1.238	1.749	0.511
352	100	Unbiased	0.971	1.368	0.397

Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.148	1.201	1.264	0.058643	1.137	1.2107	1.283	0.073009	-0.011	0.0096667	0.021	0.017926
3	0.992	1.1466	1.471	0.1544	1.134	1.2316	1.451	0.094371	-0.034	0.085	0.154	0.082449
10	1.177	1.253	1.433	0.091173	1.167	1.2493	1.408	0.083666	-0.034	-0.0037	0.035	0.022559
30	1.191	1.2366	1.27	0.03083	1.169	1.2223	1.271	0.033273	-0.046	-0.0143	0.007	0.02
50	1.013	1.2993	2.351	0.38066	1.166	1.362	2.568	0.42591	-0.032	0.0627	0.217	0.10194
100	0.962	1.1249	1.294	0.11702	1.235	1.5127	2.327	0.33716	0.113	0.3878	1.132	0.28936

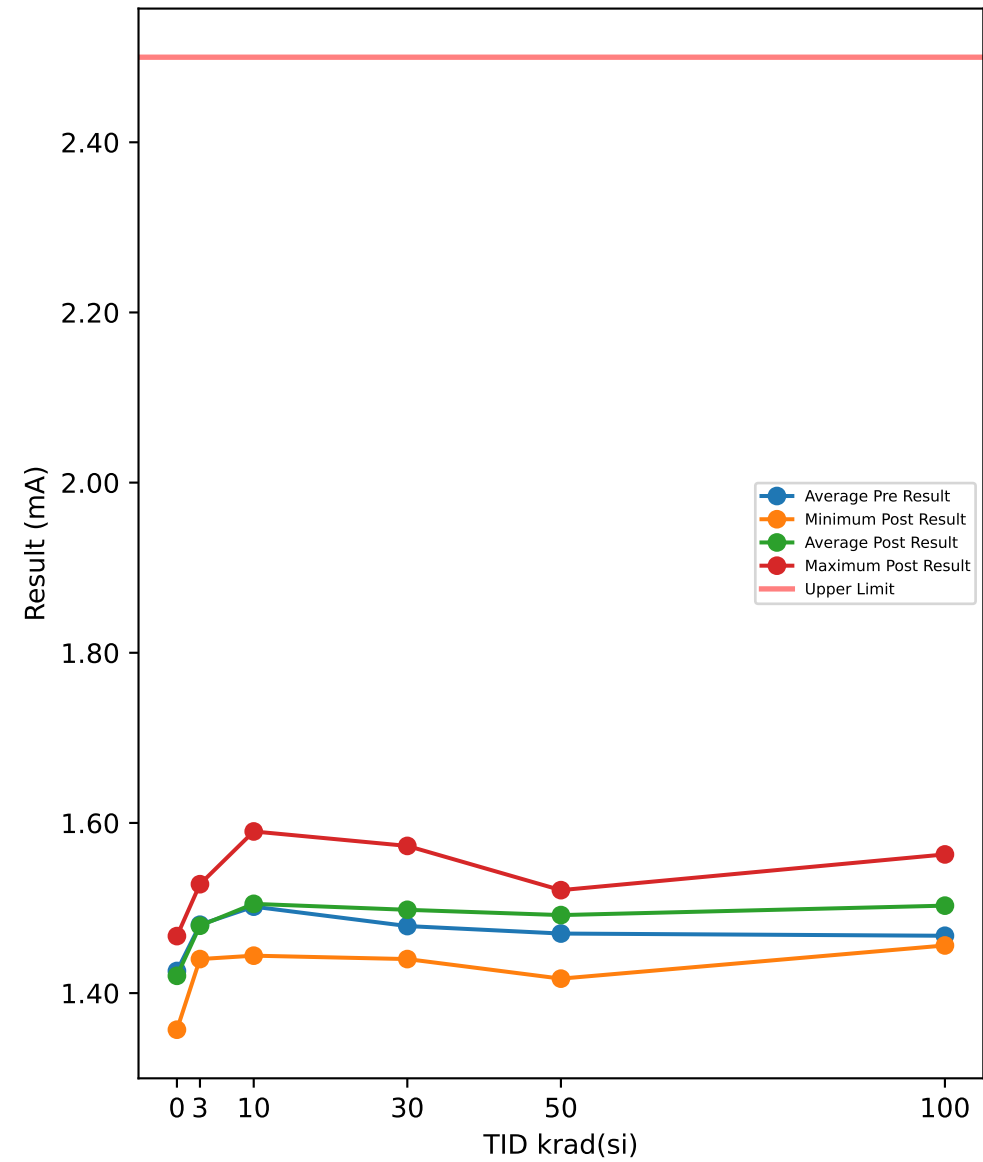


Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	3.334	3.283	-0.051
301	0	Correlation	1.754	1.744	-0.01
302	0	Correlation	1.736	1.746	0.01
303	3	Bias	0.869	1.714	0.845
304	3	Bias	0.885	1.781	0.896
305	3	Bias	0.889	1.754	0.865
306	3	Bias	0.886	1.793	0.907
307	3	Bias	0.853	1.741	0.888
308	3	Unbiased	0.904	1.787	0.883
309	3	Unbiased	1.747	1.783	0.036
310	3	Unbiased	1.736	1.727	-0.009
311	3	Unbiased	1.812	1.825	0.013
312	3	Unbiased	1.767	1.791	0.024
313	10	Bias	1.796	1.81	0.014
314	10	Bias	1.749	1.746	-0.003
315	10	Bias	2.04	2.056	0.016
316	10	Bias	1.719	1.742	0.023
317	10	Bias	1.753	1.799	0.046
318	10	Unbiased	11.649	11.614	-0.035
319	10	Unbiased	1.953	1.95	-0.003
320	10	Unbiased	1.807	1.748	-0.059
321	10	Unbiased	1.75	1.868	0.118
322	10	Unbiased	1.788	1.787	-0.001
323	30	Bias	1.815	1.829	0.014
324	30	Bias	1.781	1.789	0.008
325	30	Bias	1.738	1.781	0.043
326	30	Bias	1.77	1.798	0.028
327	30	Bias	1.708	1.737	0.029
328	30	Unbiased	2.337	2.353	0.016
329	30	Unbiased	2.15	2.18	0.03
330	30	Unbiased	1.77	1.825	0.055
331	30	Unbiased	1.774	1.825	0.051
332	30	Unbiased	1.858	1.909	0.051
333	50	Bias	1.772	1.846	0.074
334	50	Bias	1.821	1.846	0.025
335	50	Bias	1.743	1.786	0.043
336	50	Bias	1.773	1.816	0.043
337	50	Bias	1.897	1.911	0.014
338	50	Unbiased	1.781	1.812	0.031
339	50	Unbiased	0.9	1.832	0.932
340	50	Unbiased	0.844	1.747	0.903
341	50	Unbiased	0.872	1.794	0.922
342	50	Unbiased	0.886	1.793	0.907
343	100	Bias	0.843	1.802	0.959
344	100	Bias	0.902	1.847	0.945
345	100	Bias	0.872	1.894	1.022
346	100	Bias	0.849	1.899	1.05
347	100	Bias	0.838	1.837	0.999
348	100	Unbiased	0.866	1.842	0.976
349	100	Unbiased	0.891	1.85	0.959
350	100	Unbiased	0.883	1.842	0.959
351	100	Unbiased	0.86	2.056	1.196
352	100	Unbiased	0.882	1.824	0.942

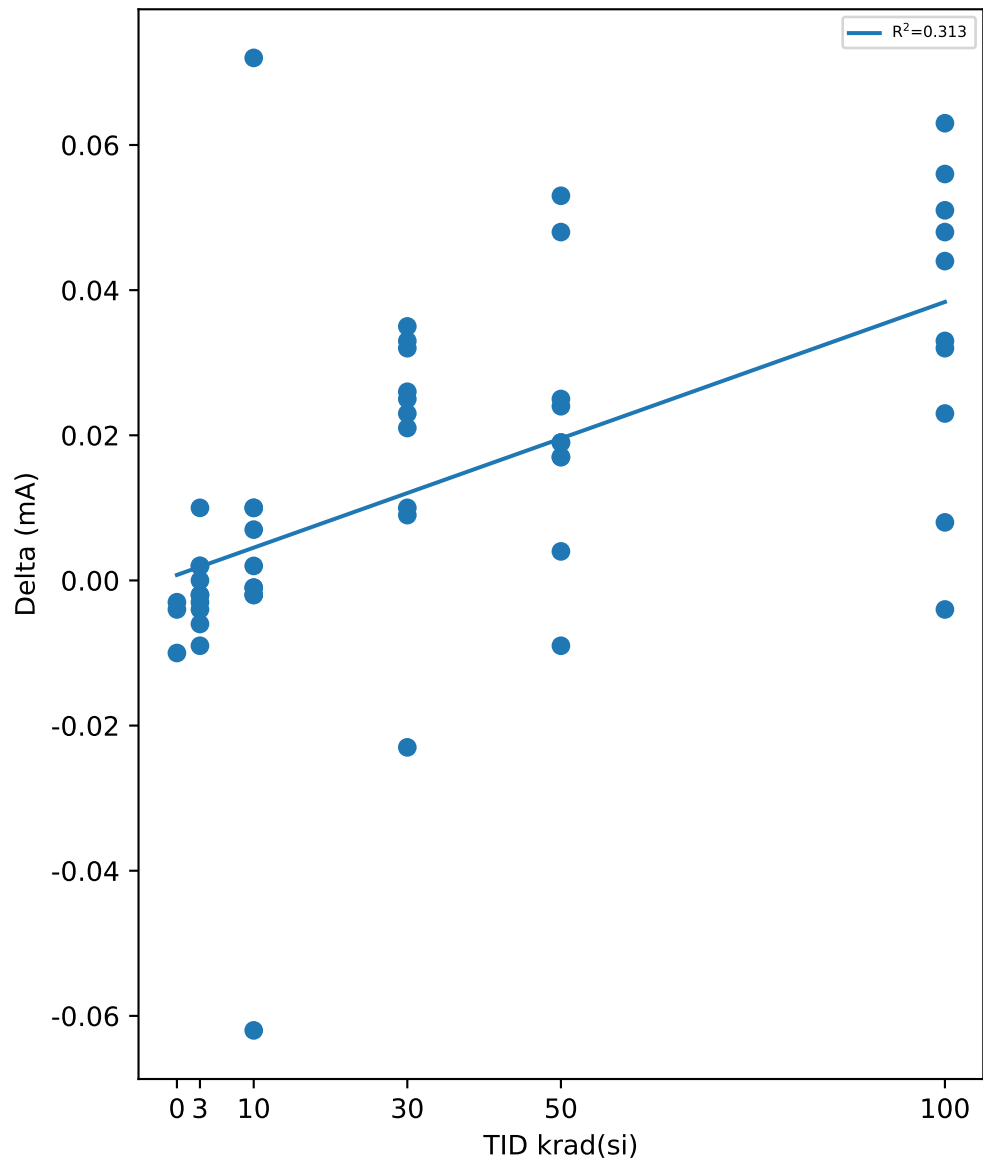
Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.736	2.2747	3.334	0.91745	1.744	2.2577	3.283	0.88797	-0.051	-0.017	0.01	0.031097
3	0.853	1.2348	1.812	0.45735	1.714	1.7696	1.825	0.034407	-0.009	0.5348	0.907	0.44696
10	1.719	2.8004	11.649	3.1107	1.742	2.812	11.614	3.0944	-0.059	0.0116	0.118	0.04761
30	1.708	1.8701	2.337	0.20561	1.737	1.9026	2.353	0.20093	0.008	0.0325	0.055	0.016847
50	0.844	1.4289	1.897	0.47823	1.747	1.8183	1.911	0.04437	0.014	0.3894	0.932	0.45355
100	0.838	0.8686	0.902	0.021272	1.802	1.8693	2.056	0.071751	0.942	1.0007	1.196	0.077031

Device Test: 6.4 ; IQ

TID vs Result Stats



TID vs Post - Pre Exposure Delta

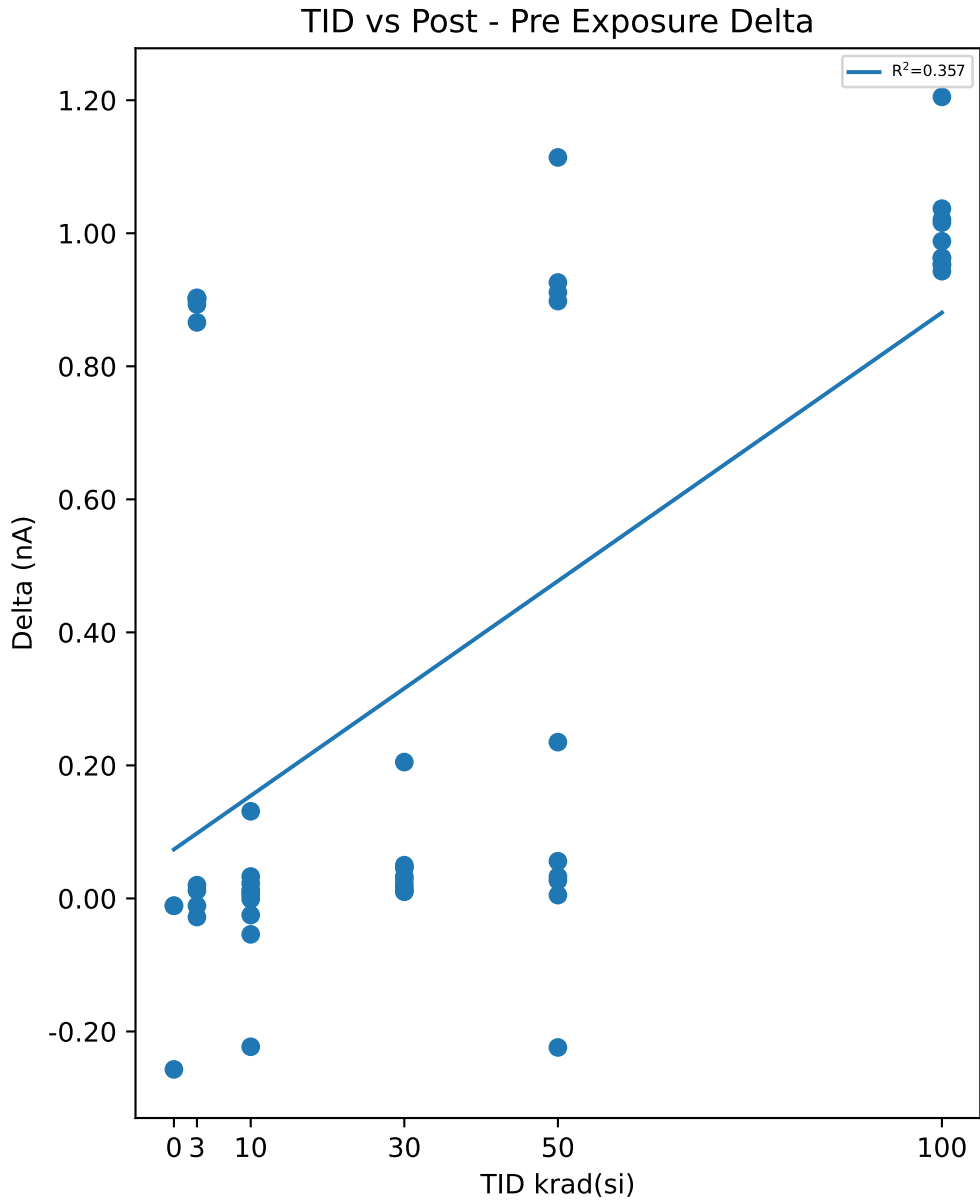
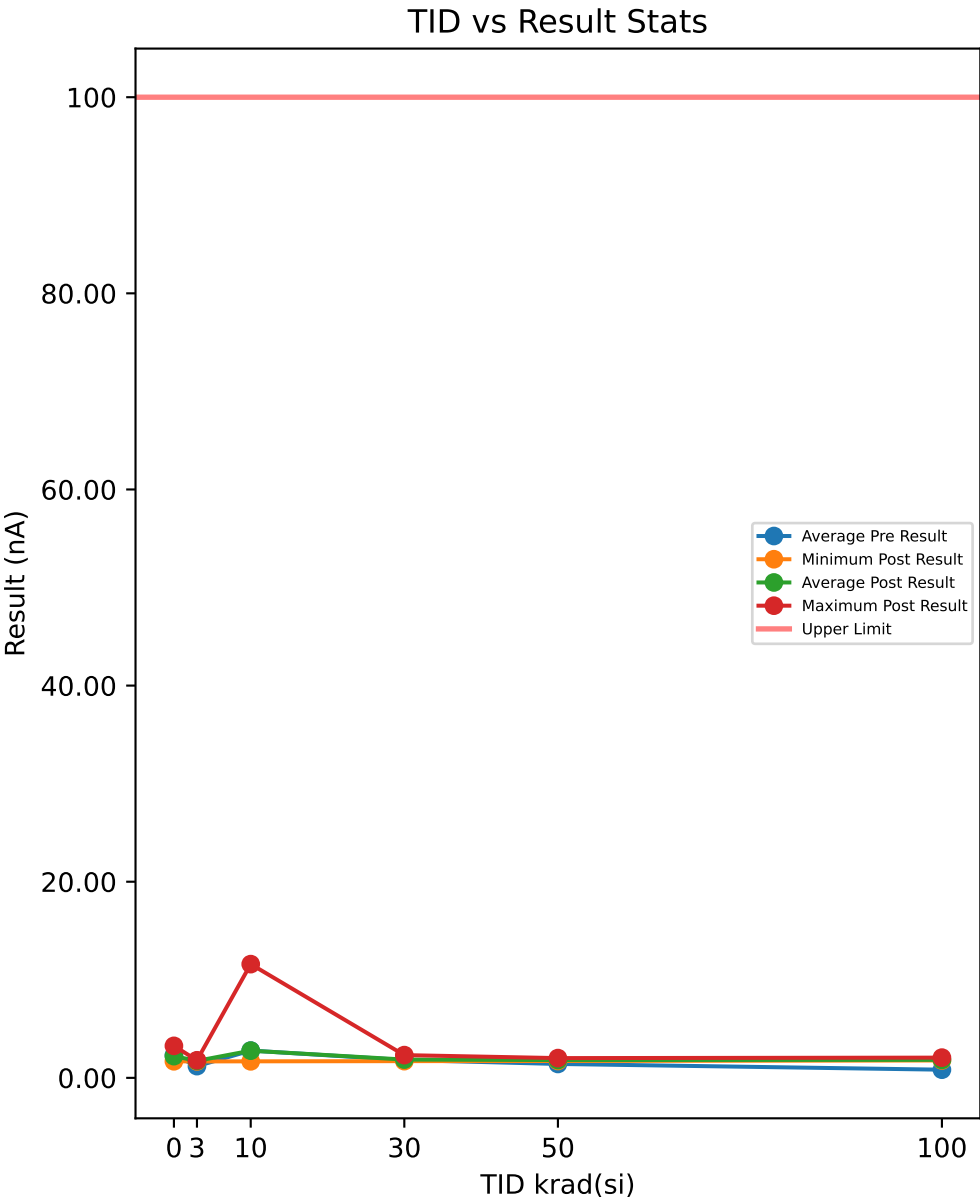


Test Results (Upper Limit = 2.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.477	1.467	-0.01
301	0	Correlation	1.361	1.357	-0.004
302	0	Correlation	1.44	1.437	-0.003
303	3	Bias	1.472	1.474	0.002
304	3	Bias	1.503	1.494	-0.009
305	3	Bias	1.534	1.528	-0.006
306	3	Bias	1.458	1.454	-0.004
307	3	Bias	1.505	1.503	-0.002
308	3	Unbiased	1.506	1.503	-0.003
309	3	Unbiased	1.44	1.44	0
310	3	Unbiased	1.463	1.465	0.002
311	3	Unbiased	1.457	1.455	-0.002
312	3	Unbiased	1.466	1.476	0.01
313	10	Bias	1.434	1.444	0.01
314	10	Bias	1.527	1.526	-0.001
315	10	Bias	1.565	1.575	0.01
316	10	Bias	1.452	1.45	-0.002
317	10	Bias	1.463	1.462	-0.001
318	10	Unbiased	1.497	1.499	0.002
319	10	Unbiased	1.583	1.59	0.007
320	10	Unbiased	1.468	1.54	0.072
321	10	Unbiased	1.535	1.473	-0.062
322	10	Unbiased	1.492	1.49	-0.002
323	30	Bias	1.437	1.469	0.032
324	30	Bias	1.463	1.44	-0.023
325	30	Bias	1.516	1.539	0.023
326	30	Bias	1.552	1.573	0.021
327	30	Bias	1.504	1.514	0.01
328	30	Unbiased	1.48	1.506	0.026
329	30	Unbiased	1.432	1.467	0.035
330	30	Unbiased	1.439	1.472	0.033
331	30	Unbiased	1.452	1.477	0.025
332	30	Unbiased	1.513	1.522	0.009
333	50	Bias	1.484	1.503	0.019
334	50	Bias	1.504	1.521	0.017
335	50	Bias	1.443	1.496	0.053
336	50	Bias	1.491	1.495	0.004
337	50	Bias	1.486	1.511	0.025
338	50	Unbiased	1.463	1.487	0.024
339	50	Unbiased	1.398	1.417	0.019
340	50	Unbiased	1.469	1.517	0.048
341	50	Unbiased	1.508	1.499	-0.009
342	50	Unbiased	1.454	1.471	0.017
343	100	Bias	1.484	1.507	0.023
344	100	Bias	1.515	1.563	0.048
345	100	Bias	1.46	1.456	-0.004
346	100	Bias	1.45	1.513	0.063
347	100	Bias	1.493	1.501	0.008
348	100	Unbiased	1.448	1.504	0.056
349	100	Unbiased	1.481	1.514	0.033
350	100	Unbiased	1.433	1.465	0.032
351	100	Unbiased	1.495	1.546	0.051
352	100	Unbiased	1.415	1.459	0.044

Test Statistics (mA)

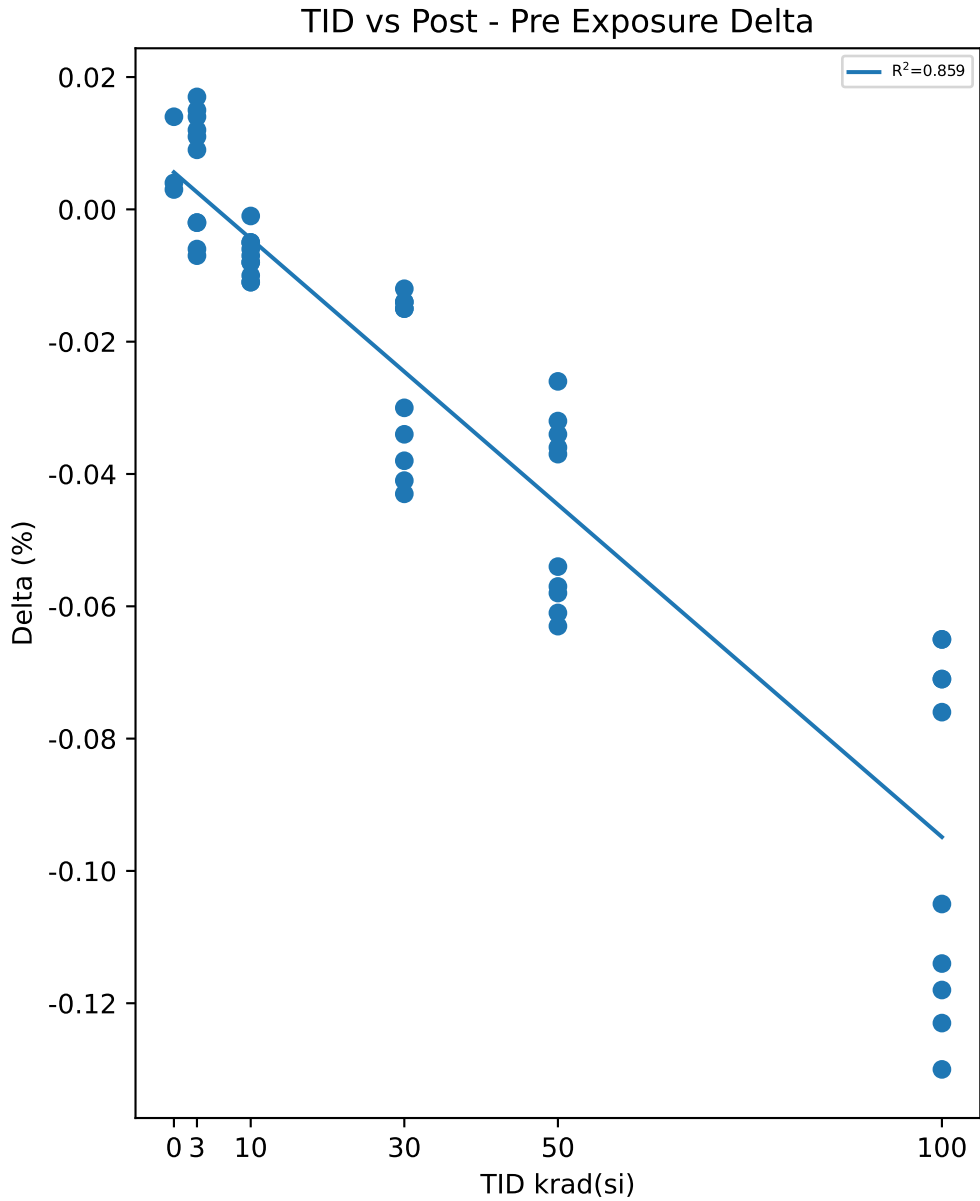
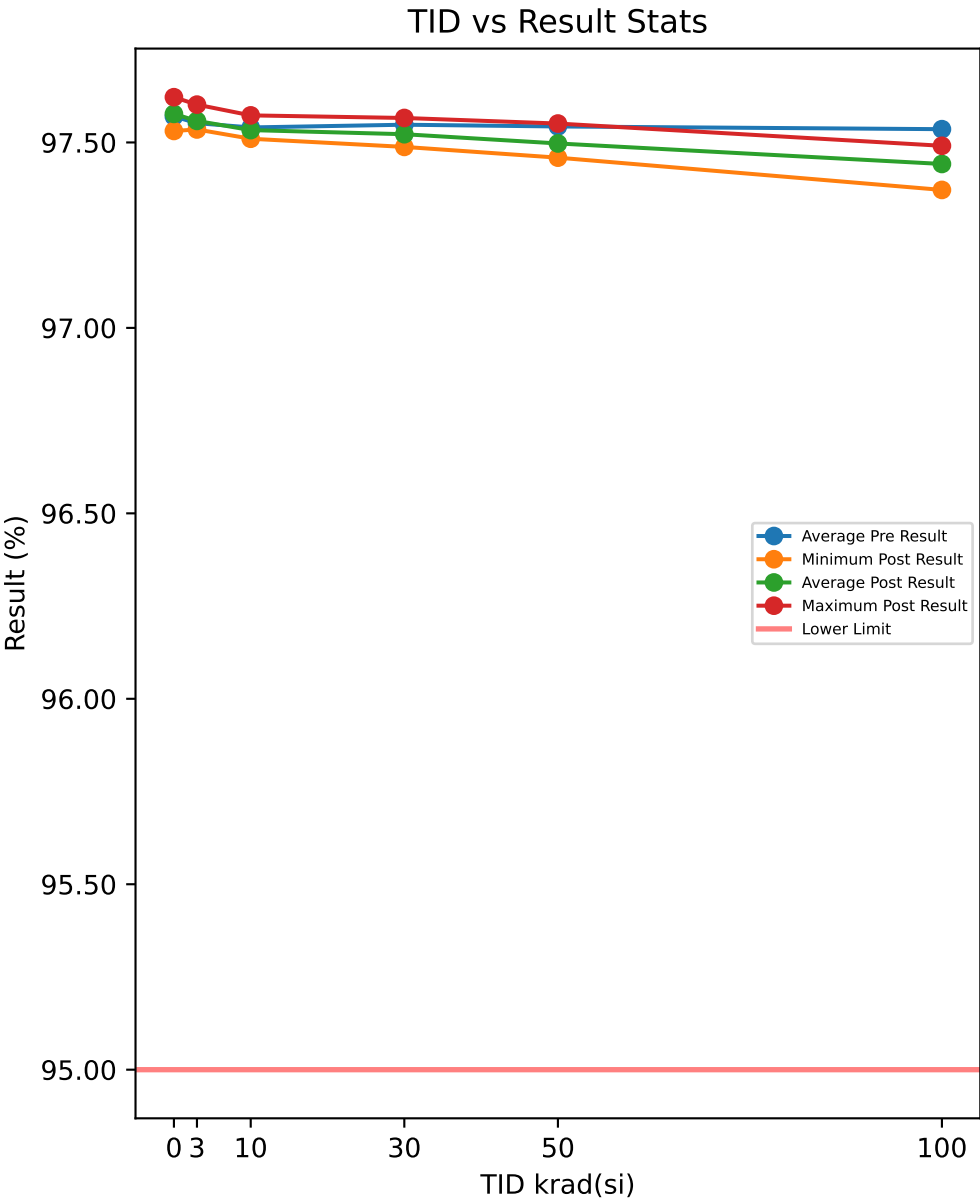
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.361	1.426	1.477	0.059254	1.357	1.4203	1.467	0.056862	-0.01	-0.0056667	-0.003	0.0037859
3	1.44	1.4804	1.534	0.029639	1.44	1.4792	1.528	0.027345	-0.009	-0.0012	0.01	0.0052026
10	1.434	1.5016	1.583	0.04963	1.444	1.5049	1.59	0.051285	-0.062	0.0033	0.072	0.031941
30	1.432	1.4788	1.552	0.040876	1.44	1.4979	1.573	0.040118	-0.023	0.0191	0.035	0.017227
50	1.398	1.47	1.508	0.03285	1.417	1.4917	1.521	0.030022	-0.009	0.0217	0.053	0.018264
100	1.415	1.4674	1.515	0.031281	1.456	1.5028	1.563	0.035402	-0.004	0.0354	0.063	0.021438



Test Results (Upper Limit = 100.0 (nA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	3.519	3.262	-0.257
301	0	Correlation	1.7	1.689	-0.011
302	0	Correlation	1.705	1.694	-0.011
303	3	Bias	0.807	1.709	0.902
304	3	Bias	0.853	1.755	0.902
305	3	Bias	0.845	1.745	0.9
306	3	Bias	0.876	1.742	0.866
307	3	Bias	0.807	1.71	0.903
308	3	Unbiased	0.875	1.768	0.893
309	3	Unbiased	1.71	1.73	0.02
310	3	Unbiased	1.702	1.674	-0.028
311	3	Unbiased	1.779	1.791	0.012
312	3	Unbiased	1.717	1.706	-0.011
313	10	Bias	1.749	1.772	0.023
314	10	Bias	1.719	1.728	0.009
315	10	Bias	1.972	2.005	0.033
316	10	Bias	1.686	1.685	-0.001
317	10	Bias	1.728	1.741	0.013
318	10	Unbiased	11.622	11.597	-0.025
319	10	Unbiased	1.893	1.898	0.005
320	10	Unbiased	1.778	1.724	-0.054
321	10	Unbiased	1.673	1.804	0.131
322	10	Unbiased	1.983	1.76	-0.223
323	30	Bias	1.758	1.805	0.047
324	30	Bias	1.732	1.753	0.021
325	30	Bias	1.713	1.759	0.046
326	30	Bias	1.723	1.756	0.033
327	30	Bias	1.693	1.704	0.011
328	30	Unbiased	2.114	2.319	0.205
329	30	Unbiased	2.121	2.15	0.029
330	30	Unbiased	1.77	1.78	0.01
331	30	Unbiased	1.746	1.761	0.015
332	30	Unbiased	1.816	1.866	0.05
333	50	Bias	1.729	1.762	0.033
334	50	Bias	1.78	2.015	0.235
335	50	Bias	1.688	1.744	0.056
336	50	Bias	1.745	1.772	0.027
337	50	Bias	2.101	1.877	-0.224
338	50	Unbiased	1.756	1.761	0.005
339	50	Unbiased	0.872	1.77	0.898
340	50	Unbiased	0.795	1.721	0.926
341	50	Unbiased	0.841	1.752	0.911
342	50	Unbiased	0.868	1.982	1.114
343	100	Bias	0.831	1.774	0.943
344	100	Bias	0.858	2.063	1.205
345	100	Bias	0.838	1.859	1.021
346	100	Bias	0.823	1.86	1.037
347	100	Bias	0.828	1.816	0.988
348	100	Unbiased	0.852	1.806	0.954
349	100	Unbiased	0.847	1.799	0.952
350	100	Unbiased	0.838	1.801	0.963
351	100	Unbiased	0.791	1.807	1.016
352	100	Unbiased	0.819	1.782	0.963

Test Statistics (nA)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.7	2.308	3.519	1.0488	1.689	2.215	3.262	0.90673	-0.257	-0.093	-0.011	0.14203
3	0.807	1.1971	1.779	0.4571	1.674	1.733	1.791	0.034354	-0.028	0.5359	0.903	0.46303
10	1.673	2.7803	11.622	3.1087	1.685	2.7714	11.597	3.1024	-0.223	-0.0089	0.131	0.089152
30	1.693	1.8186	2.121	0.1611	1.704	1.8653	2.319	0.20291	0.01	0.0467	0.205	0.057598
50	0.795	1.4175	2.101	0.50662	1.721	1.8156	2.015	0.10497	-0.224	0.3981	1.114	0.50115
100	0.791	0.8325	0.858	0.019202	1.774	1.8367	2.063	0.084409	0.943	1.0042	1.205	0.077793

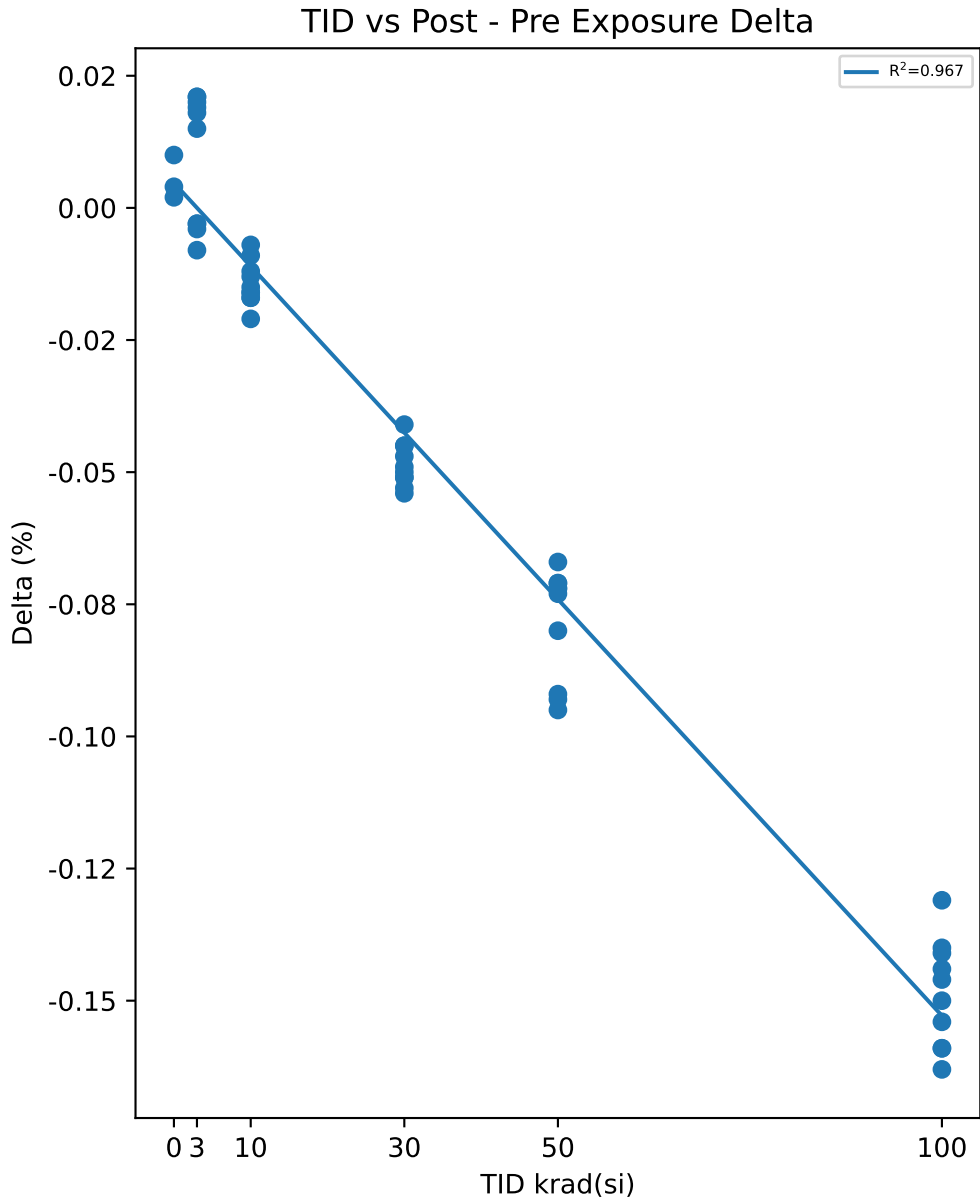
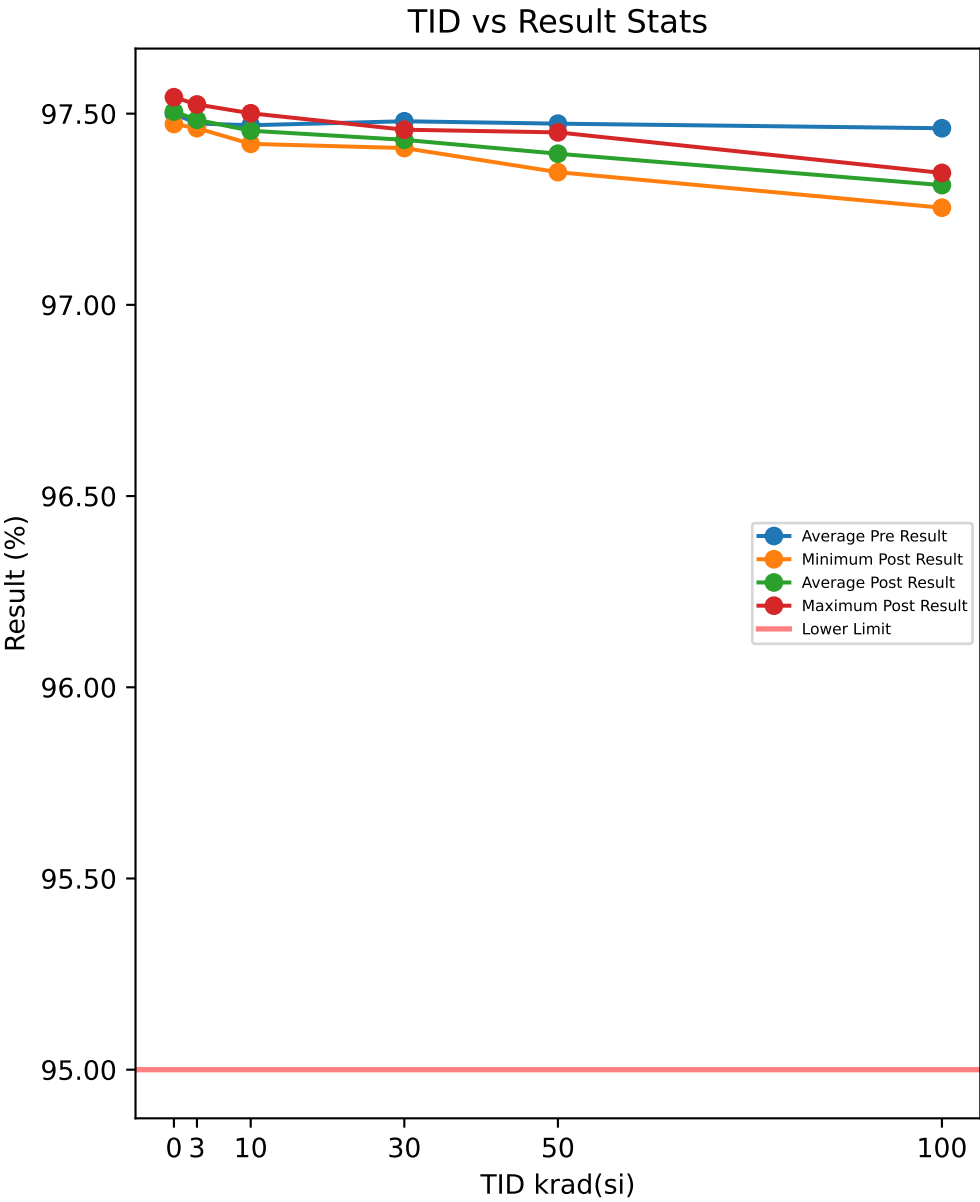
Device Test: 6.41 ; VOH_RESET_2MA



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.564	97.578	0.014
301	0	Correlation	97.619	97.622	0.003
302	0	Correlation	97.527	97.531	0.004
303	3	Bias	97.537	97.554	0.017
304	3	Bias	97.53	97.545	0.015
305	3	Bias	97.539	97.553	0.014
306	3	Bias	97.54	97.551	0.011
307	3	Bias	97.523	97.535	0.012
308	3	Unbiased	97.546	97.555	0.009
309	3	Unbiased	97.555	97.549	-0.006
310	3	Unbiased	97.545	97.538	-0.007
311	3	Unbiased	97.604	97.602	-0.002
312	3	Unbiased	97.601	97.599	-0.002
313	10	Bias	97.55	97.545	-0.005
314	10	Bias	97.539	97.538	-0.001
315	10	Bias	97.518	97.51	-0.008
316	10	Bias	97.584	97.573	-0.011
317	10	Bias	97.515	97.51	-0.005
318	10	Unbiased	97.538	97.53	-0.008
319	10	Unbiased	97.546	97.54	-0.006
320	10	Unbiased	97.529	97.518	-0.011
321	10	Unbiased	97.526	97.519	-0.007
322	10	Unbiased	97.56	97.55	-0.01
323	30	Bias	97.536	97.521	-0.015
324	30	Bias	97.553	97.539	-0.014
325	30	Bias	97.52	97.506	-0.014
326	30	Bias	97.578	97.566	-0.012
327	30	Bias	97.551	97.536	-0.015
328	30	Unbiased	97.552	97.518	-0.034
329	30	Unbiased	97.549	97.519	-0.03
330	30	Unbiased	97.569	97.531	-0.038
331	30	Unbiased	97.541	97.498	-0.043
332	30	Unbiased	97.529	97.488	-0.041
333	50	Bias	97.577	97.551	-0.026
334	50	Bias	97.516	97.484	-0.032
335	50	Bias	97.537	97.503	-0.034
336	50	Bias	97.546	97.509	-0.037
337	50	Bias	97.502	97.466	-0.036
338	50	Unbiased	97.574	97.52	-0.054
339	50	Unbiased	97.541	97.484	-0.057
340	50	Unbiased	97.52	97.459	-0.061
341	50	Unbiased	97.566	97.508	-0.058
342	50	Unbiased	97.552	97.489	-0.063
343	100	Bias	97.545	97.48	-0.065
344	100	Bias	97.528	97.463	-0.065
345	100	Bias	97.562	97.491	-0.071
346	100	Bias	97.502	97.426	-0.076
347	100	Bias	97.522	97.451	-0.071
348	100	Unbiased	97.542	97.428	-0.114
349	100	Unbiased	97.548	97.443	-0.105
350	100	Unbiased	97.543	97.42	-0.123
351	100	Unbiased	97.502	97.372	-0.13
352	100	Unbiased	97.564	97.446	-0.118

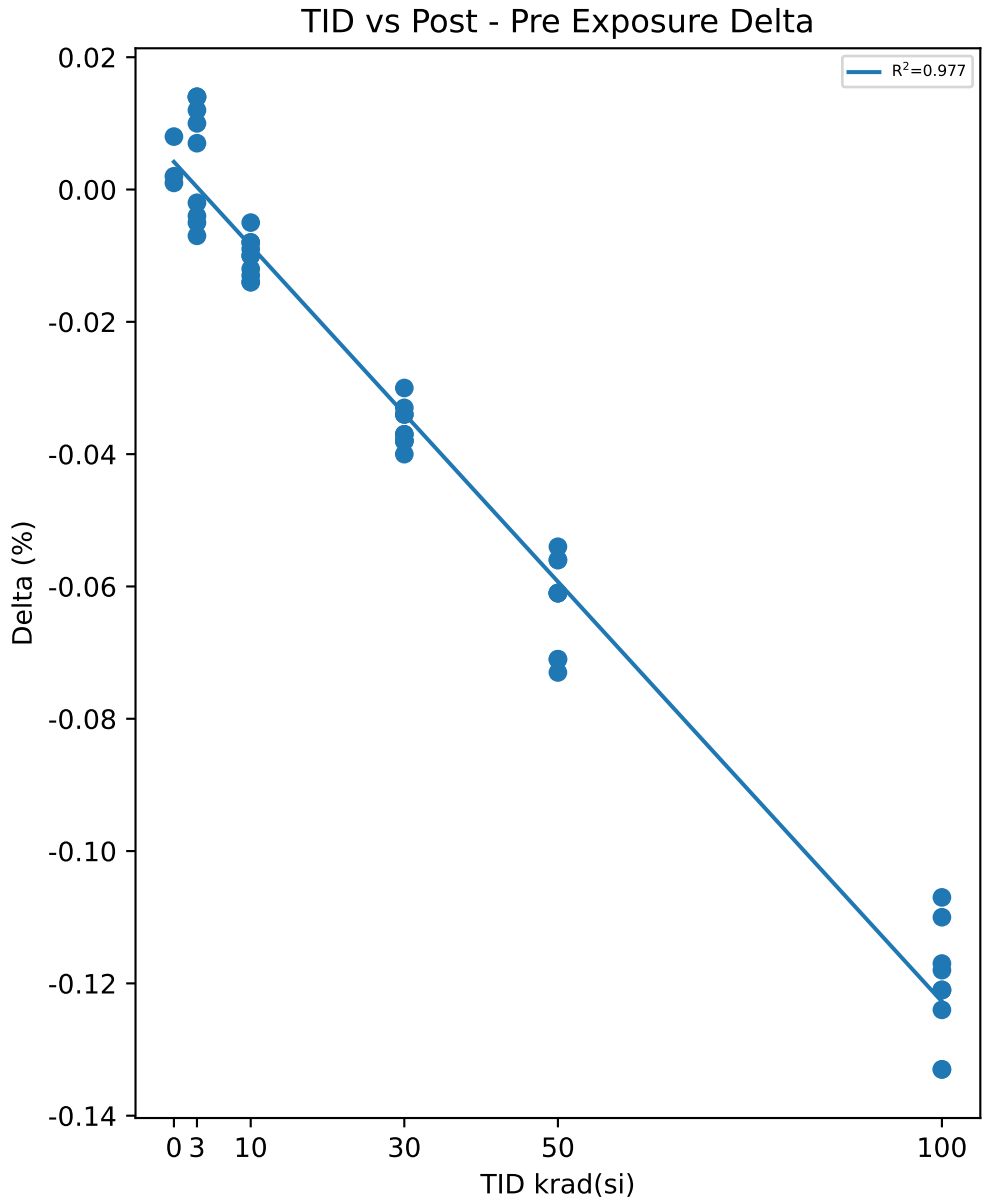
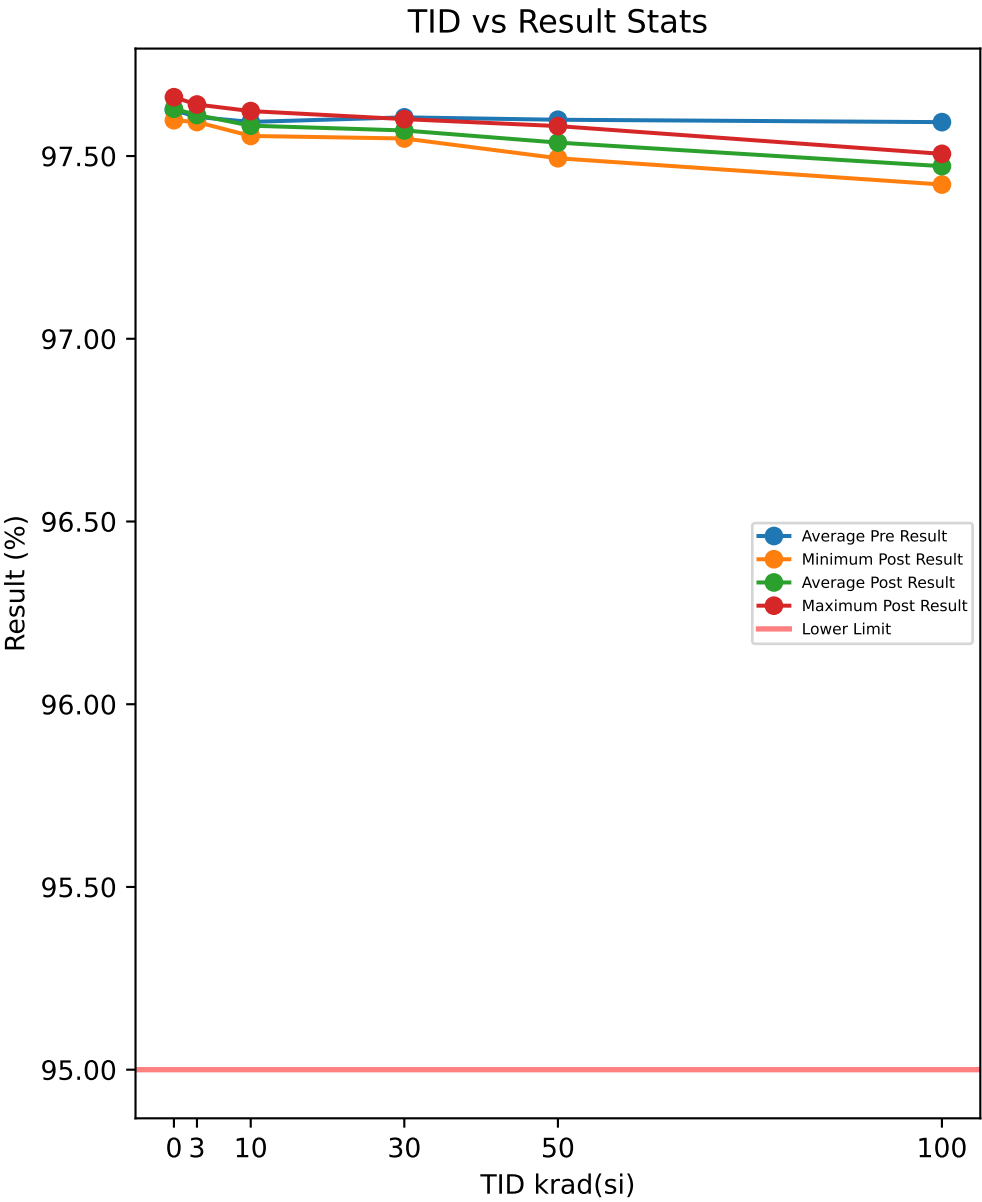
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.527	97.57	97.619	0.046293	97.531	97.577	97.622	0.045508	0.003	0.007	0.014	0.0060828
3	97.523	97.552	97.604	0.028012	97.535	97.558	97.602	0.023321	-0.007	0.0061	0.017	0.009291
10	97.515	97.54	97.584	0.020818	97.51	97.533	97.573	0.019984	-0.011	-0.0072	-0.001	0.0031198
30	97.52	97.548	97.578	0.017415	97.488	97.522	97.566	0.022399	-0.043	-0.0256	-0.012	0.012747
50	97.502	97.543	97.577	0.025199	97.459	97.497	97.551	0.026982	-0.063	-0.0458	-0.026	0.013998
100	97.502	97.536	97.564	0.021964	97.372	97.442	97.491	0.033698	-0.13	-0.0938	-0.065	0.026452



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.49	97.5	0.01
301	0	Correlation	97.539	97.543	0.004
302	0	Correlation	97.471	97.473	0.002
303	3	Bias	97.449	97.47	0.021
304	3	Bias	97.448	97.469	0.021
305	3	Bias	97.466	97.486	0.02
306	3	Bias	97.461	97.479	0.018
307	3	Bias	97.443	97.462	0.019
308	3	Unbiased	97.467	97.482	0.015
309	3	Unbiased	97.48	97.476	-0.004
310	3	Unbiased	97.474	97.466	-0.008
311	3	Unbiased	97.527	97.524	-0.003
312	3	Unbiased	97.527	97.524	-0.003
313	10	Bias	97.483	97.467	-0.016
314	10	Bias	97.471	97.456	-0.015
315	10	Bias	97.442	97.421	-0.021
316	10	Bias	97.518	97.501	-0.017
317	10	Bias	97.451	97.434	-0.017
318	10	Unbiased	97.479	97.467	-0.012
319	10	Unbiased	97.455	97.448	-0.007
320	10	Unbiased	97.462	97.453	-0.009
321	10	Unbiased	97.466	97.45	-0.016
322	10	Unbiased	97.47	97.457	-0.013
323	30	Bias	97.474	97.424	-0.05
324	30	Bias	97.488	97.443	-0.045
325	30	Bias	97.464	97.41	-0.054
326	30	Bias	97.504	97.457	-0.047
327	30	Bias	97.463	97.412	-0.051
328	30	Unbiased	97.485	97.44	-0.045
329	30	Unbiased	97.474	97.433	-0.041
330	30	Unbiased	97.507	97.458	-0.049
331	30	Unbiased	97.476	97.423	-0.053
332	30	Unbiased	97.466	97.415	-0.051
333	50	Bias	97.523	97.451	-0.072
334	50	Bias	97.464	97.384	-0.08
335	50	Bias	97.462	97.369	-0.093
336	50	Bias	97.478	97.383	-0.095
337	50	Bias	97.439	97.347	-0.092
338	50	Unbiased	97.515	97.444	-0.071
339	50	Unbiased	97.455	97.388	-0.067
340	50	Unbiased	97.457	97.385	-0.072
341	50	Unbiased	97.479	97.408	-0.071
342	50	Unbiased	97.466	97.393	-0.073
343	100	Bias	97.475	97.334	-0.141
344	100	Bias	97.463	97.319	-0.144
345	100	Bias	97.482	97.323	-0.159
346	100	Bias	97.417	97.254	-0.163
347	100	Bias	97.445	97.295	-0.15
348	100	Unbiased	97.471	97.331	-0.14
349	100	Unbiased	97.47	97.339	-0.131
350	100	Unbiased	97.463	97.309	-0.154
351	100	Unbiased	97.441	97.282	-0.159
352	100	Unbiased	97.491	97.345	-0.146

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.471	97.5	97.539	0.035086	97.473	97.505	97.543	0.035303	0.002	0.0053333	0.01	0.0041633
3	97.443	97.474	97.527	0.03018	97.462	97.484	97.524	0.022424	-0.008	0.0096	0.021	0.012331
10	97.442	97.47	97.518	0.021093	97.421	97.455	97.501	0.021298	-0.021	-0.0143	-0.007	0.0041379
30	97.463	97.48	97.507	0.015716	97.41	97.431	97.458	0.017646	-0.054	-0.0486	-0.041	0.0040607
50	97.439	97.474	97.523	0.026469	97.347	97.395	97.451	0.031804	-0.095	-0.0786	-0.067	0.010679
100	97.417	97.462	97.491	0.021888	97.254	97.313	97.345	0.028641	-0.163	-0.1487	-0.131	0.010133

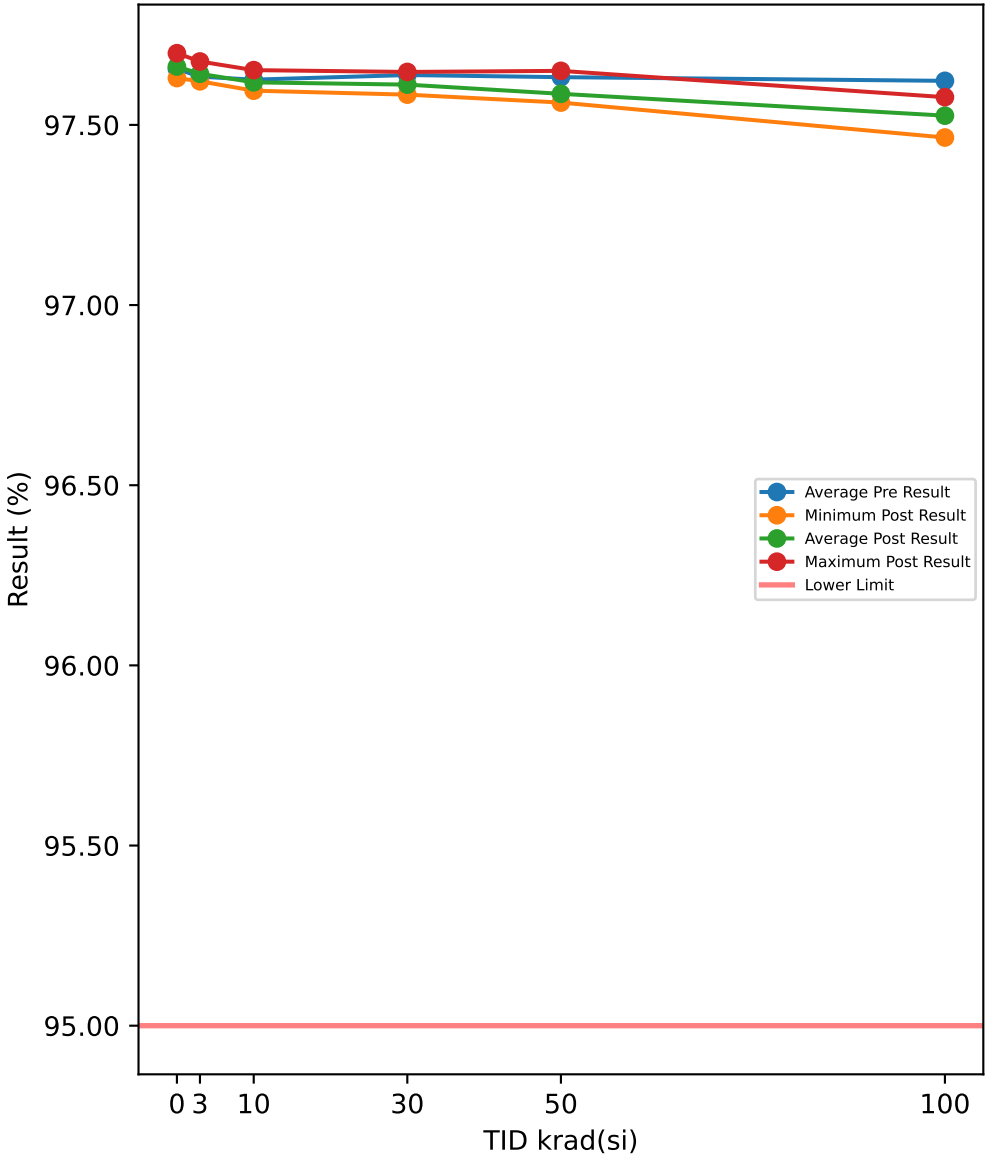


Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.621	97.629	0.008
301	0	Correlation	97.659	97.661	0.002
302	0	Correlation	97.597	97.598	0.001
303	3	Bias	97.599	97.613	0.014
304	3	Bias	97.588	97.602	0.014
305	3	Bias	97.611	97.621	0.01
306	3	Bias	97.589	97.601	0.012
307	3	Bias	97.585	97.599	0.014
308	3	Unbiased	97.602	97.609	0.007
309	3	Unbiased	97.608	97.604	-0.004
310	3	Unbiased	97.6	97.593	-0.007
311	3	Unbiased	97.642	97.64	-0.002
312	3	Unbiased	97.646	97.641	-0.005
313	10	Bias	97.61	97.596	-0.014
314	10	Bias	97.602	97.592	-0.01
315	10	Bias	97.568	97.555	-0.013
316	10	Bias	97.635	97.623	-0.012
317	10	Bias	97.576	97.562	-0.014
318	10	Unbiased	97.613	97.605	-0.008
319	10	Unbiased	97.581	97.576	-0.005
320	10	Unbiased	97.579	97.57	-0.009
321	10	Unbiased	97.577	97.569	-0.008
322	10	Unbiased	97.593	97.583	-0.01
323	30	Bias	97.612	97.575	-0.037
324	30	Bias	97.602	97.568	-0.034
325	30	Bias	97.588	97.548	-0.04
326	30	Bias	97.629	97.596	-0.033
327	30	Bias	97.589	97.552	-0.037
328	30	Unbiased	97.609	97.575	-0.034
329	30	Unbiased	97.601	97.571	-0.03
330	30	Unbiased	97.639	97.601	-0.038
331	30	Unbiased	97.596	97.558	-0.038
332	30	Unbiased	97.594	97.556	-0.038
333	50	Bias	97.638	97.582	-0.056
334	50	Bias	97.577	97.516	-0.061
335	50	Bias	97.587	97.516	-0.071
336	50	Bias	97.608	97.535	-0.073
337	50	Bias	97.565	97.494	-0.071
338	50	Unbiased	97.629	97.575	-0.054
339	50	Unbiased	97.594	97.538	-0.056
340	50	Unbiased	97.59	97.529	-0.061
341	50	Unbiased	97.612	97.551	-0.061
342	50	Unbiased	97.593	97.532	-0.061
343	100	Bias	97.61	97.492	-0.118
344	100	Bias	97.593	97.476	-0.117
345	100	Bias	97.617	97.484	-0.133
346	100	Bias	97.555	97.422	-0.133
347	100	Bias	97.582	97.461	-0.121
348	100	Unbiased	97.601	97.491	-0.11
349	100	Unbiased	97.592	97.485	-0.107
350	100	Unbiased	97.589	97.468	-0.121
351	100	Unbiased	97.562	97.438	-0.124
352	100	Unbiased	97.627	97.506	-0.121

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.597	97.626	97.659	0.031262	97.598	97.629	97.661	0.031501	0.001	0.0036667	0.008	0.0037859
3	97.585	97.607	97.646	0.021266	97.593	97.612	97.641	0.016767	-0.007	0.0053	0.014	0.0087819
10	97.568	97.593	97.635	0.021193	97.555	97.583	97.623	0.02101	-0.014	-0.0103	-0.005	0.0029458
30	97.588	97.606	97.639	0.016868	97.548	97.57	97.601	0.017764	-0.04	-0.0359	-0.03	0.003035
50	97.565	97.599	97.638	0.022598	97.494	97.537	97.582	0.026853	-0.073	-0.0625	-0.054	0.0068354
100	97.555	97.593	97.627	0.022675	97.422	97.472	97.506	0.025902	-0.133	-0.1205	-0.107	0.0084097

Device Test: 6.44 ; VOH_RESET_2MA

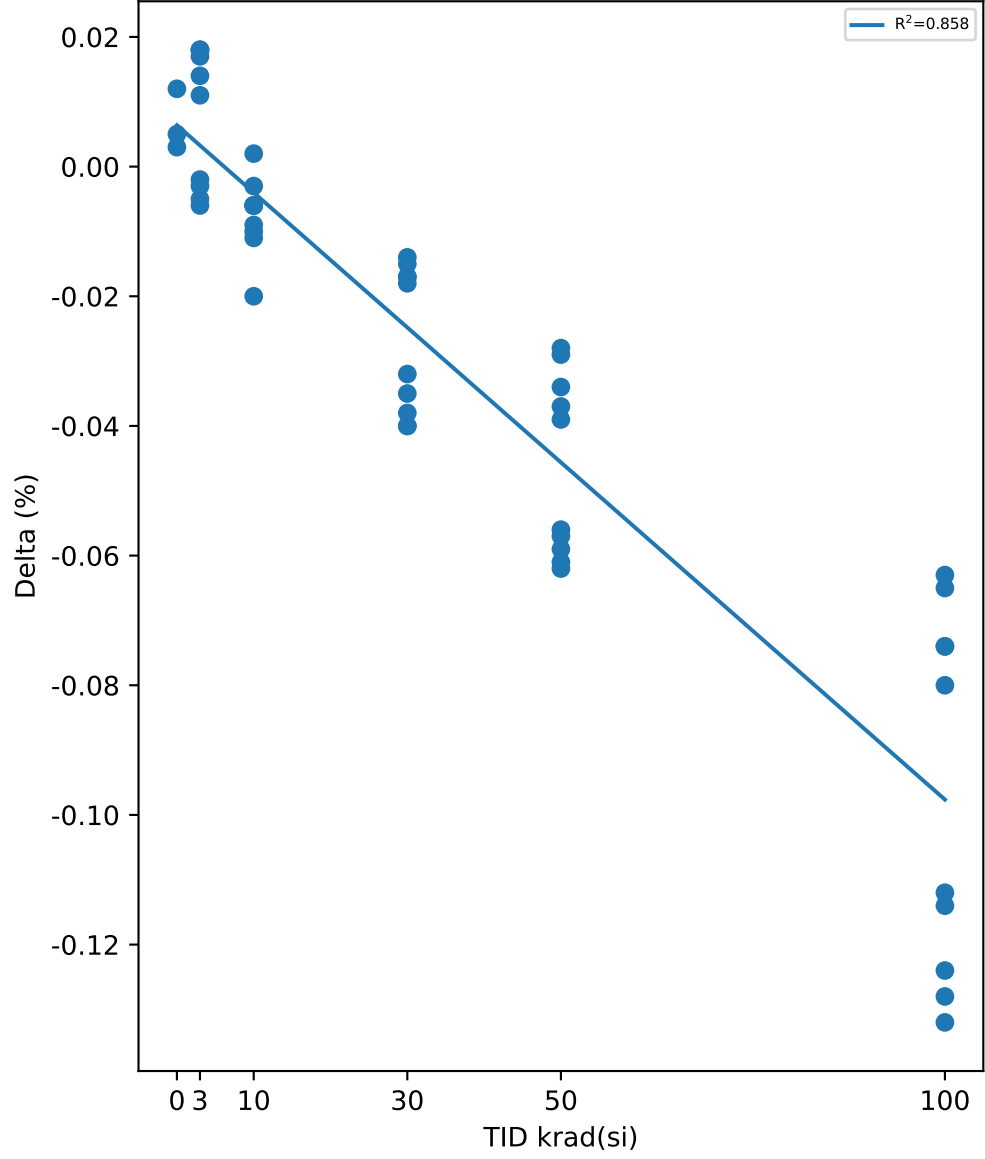
TID vs Result Stats



Test Results (Lower Limit = 95.0 (%))

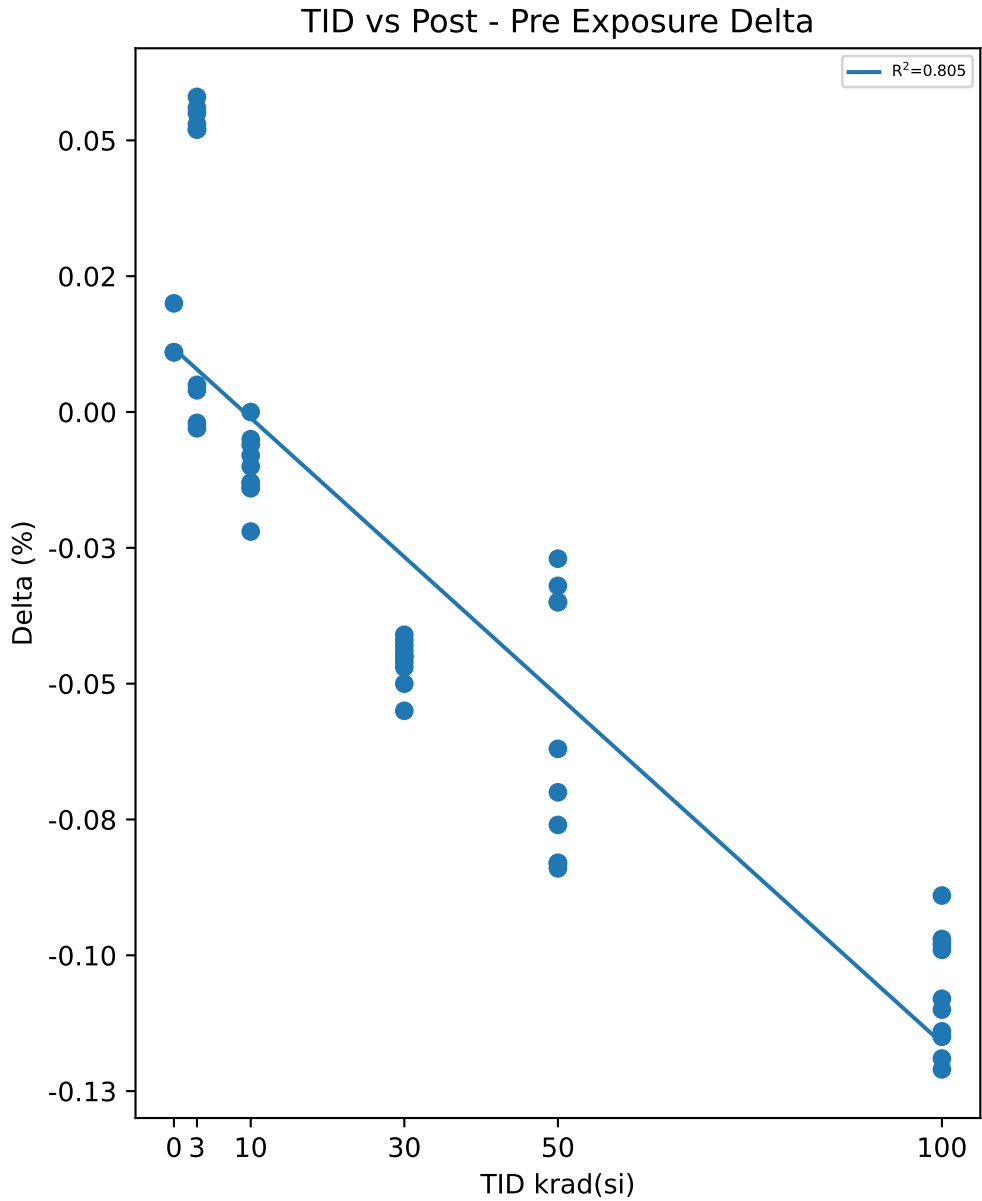
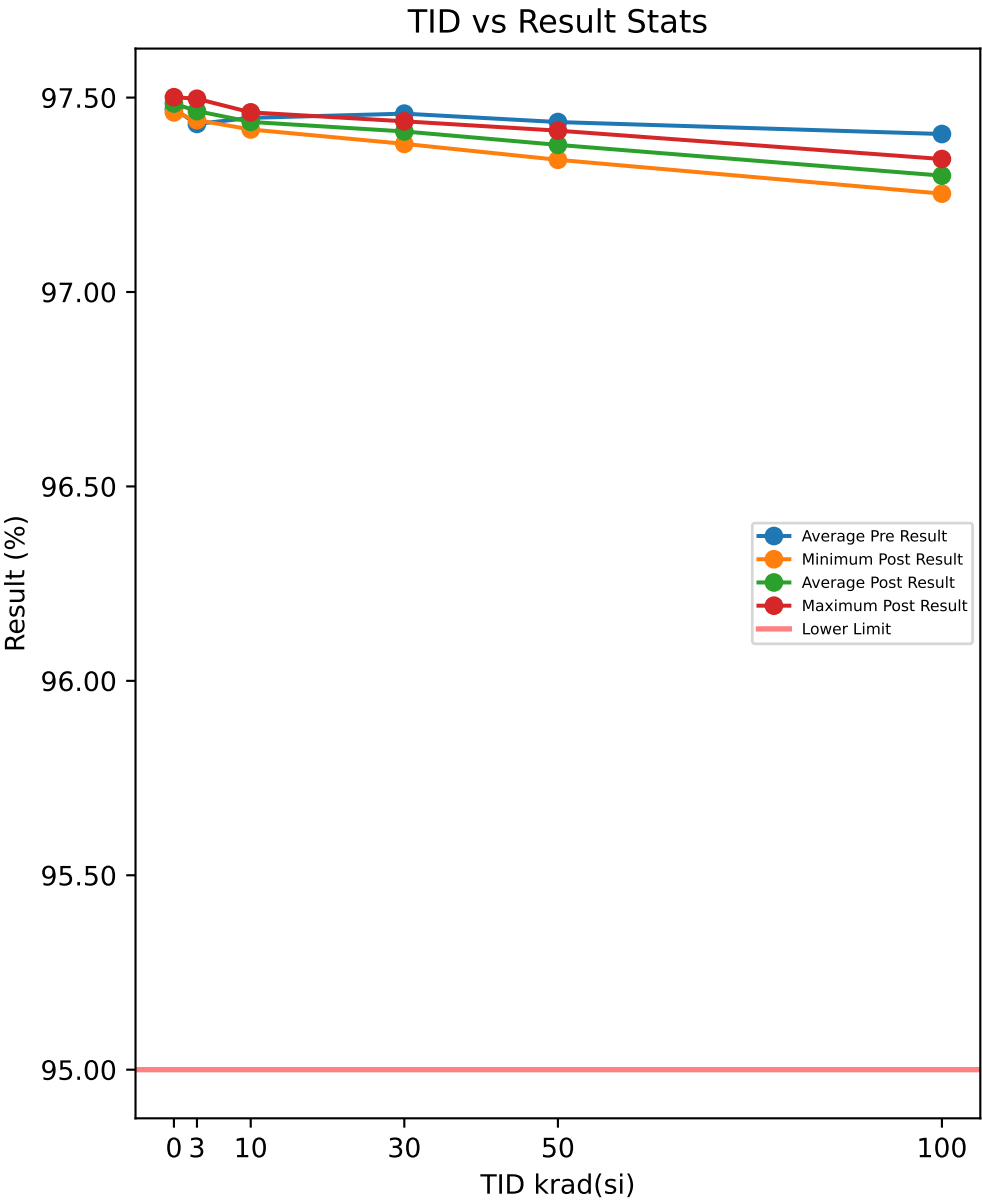
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.645	97.657	0.012
301	0	Correlation	97.694	97.699	0.005
302	0	Correlation	97.627	97.63	0.003
303	3	Bias	97.617	97.635	0.018
304	3	Bias	97.617	97.635	0.018
305	3	Bias	97.636	97.654	0.018
306	3	Bias	97.622	97.636	0.014
307	3	Bias	97.604	97.621	0.017
308	3	Unbiased	97.621	97.632	0.011
309	3	Unbiased	97.641	97.635	-0.006
310	3	Unbiased	97.626	97.621	-0.005
311	3	Unbiased	97.677	97.674	-0.003
312	3	Unbiased	97.678	97.676	-0.002
313	10	Bias	97.65	97.644	-0.006
314	10	Bias	97.636	97.633	-0.003
315	10	Bias	97.601	97.595	-0.006
316	10	Bias	97.663	97.652	-0.011
317	10	Bias	97.607	97.601	-0.006
318	10	Unbiased	97.646	97.637	-0.009
319	10	Unbiased	97.611	97.605	-0.006
320	10	Unbiased	97.605	97.607	0.002
321	10	Unbiased	97.615	97.595	-0.02
322	10	Unbiased	97.622	97.612	-0.01
323	30	Bias	97.64	97.622	-0.018
324	30	Bias	97.642	97.628	-0.014
325	30	Bias	97.617	97.6	-0.017
326	30	Bias	97.662	97.647	-0.015
327	30	Bias	97.624	97.607	-0.017
328	30	Unbiased	97.643	97.608	-0.035
329	30	Unbiased	97.632	97.6	-0.032
330	30	Unbiased	97.674	97.634	-0.04
331	30	Unbiased	97.626	97.588	-0.038
332	30	Unbiased	97.624	97.584	-0.04
333	50	Bias	97.678	97.65	-0.028
334	50	Bias	97.606	97.577	-0.029
335	50	Bias	97.623	97.589	-0.034
336	50	Bias	97.643	97.604	-0.039
337	50	Bias	97.603	97.566	-0.037
338	50	Unbiased	97.664	97.607	-0.057
339	50	Unbiased	97.623	97.567	-0.056
340	50	Unbiased	97.623	97.562	-0.061
341	50	Unbiased	97.635	97.576	-0.059
342	50	Unbiased	97.627	97.565	-0.062
343	100	Bias	97.64	97.577	-0.063
344	100	Bias	97.623	97.558	-0.065
345	100	Bias	97.645	97.571	-0.074
346	100	Bias	97.583	97.503	-0.08
347	100	Bias	97.613	97.539	-0.074
348	100	Unbiased	97.629	97.515	-0.114
349	100	Unbiased	97.62	97.508	-0.112
350	100	Unbiased	97.619	97.491	-0.128
351	100	Unbiased	97.597	97.465	-0.132
352	100	Unbiased	97.654	97.53	-0.124

TID vs Post - Pre Exposure Delta



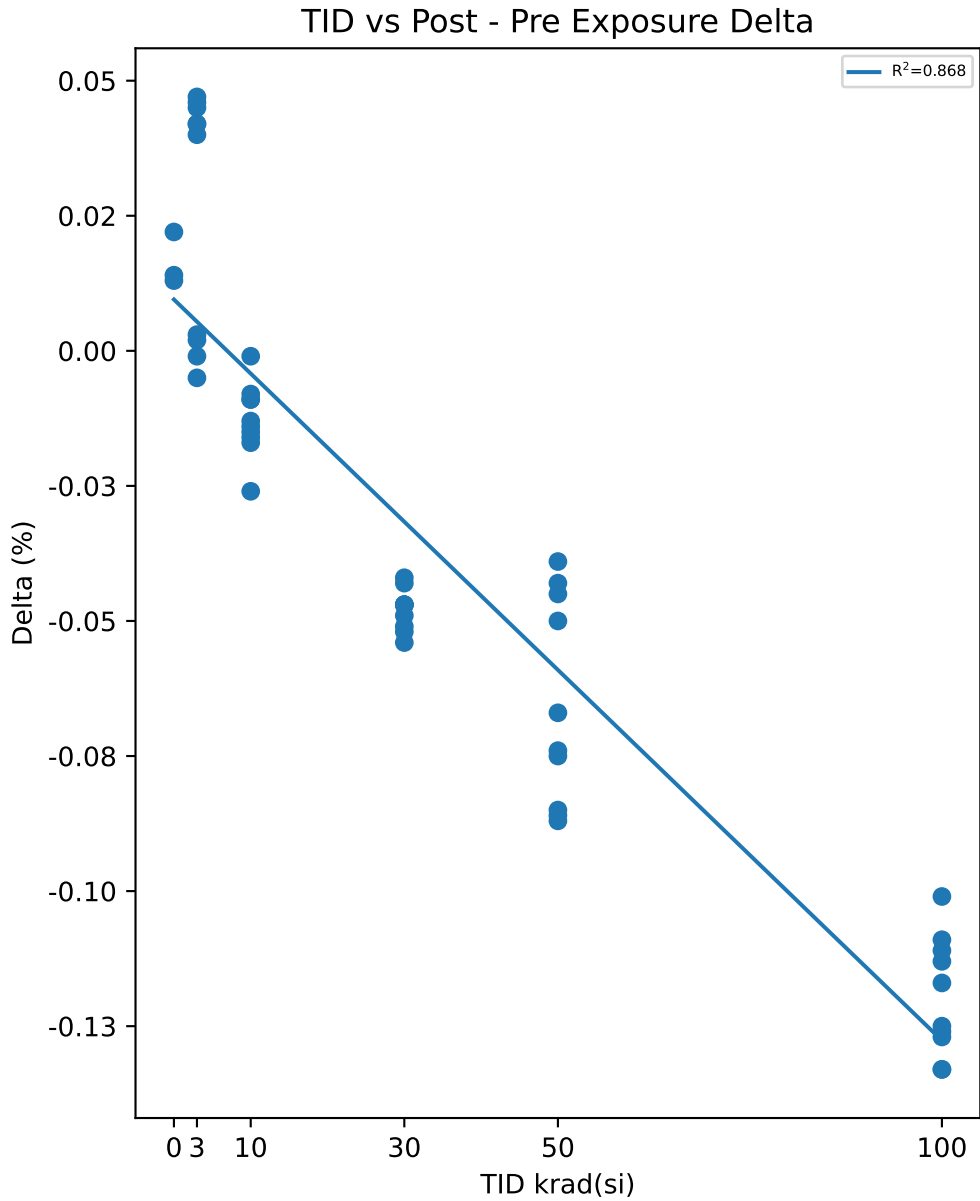
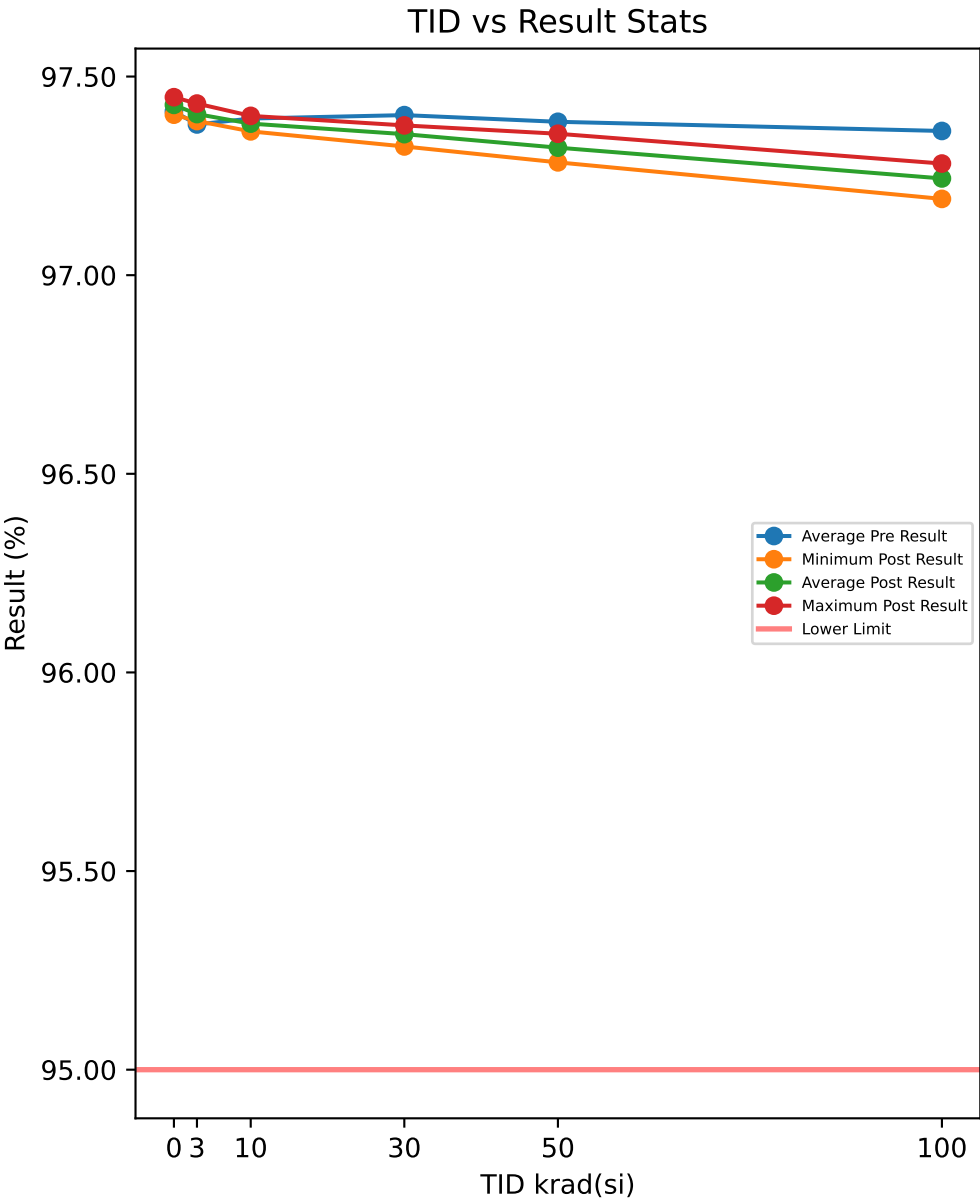
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.627	97.655	97.694	0.034675	97.63	97.662	97.699	0.034771	0.003	0.0066667	0.012	0.0047258
3	97.604	97.634	97.678	0.02515	97.621	97.642	97.676	0.019689	-0.006	0.008	0.018	0.010604
10	97.601	97.626	97.663	0.021686	97.595	97.618	97.652	0.02132	-0.02	-0.0075	0.002	0.0057397
30	97.617	97.638	97.674	0.018038	97.584	97.612	97.647	0.020422	-0.04	-0.0266	-0.014	0.011257
50	97.603	97.633	97.678	0.023694	97.562	97.586	97.65	0.027544	-0.062	-0.0462	-0.028	0.013975
100	97.583	97.622	97.654	0.021515	97.465	97.526	97.577	0.036139	-0.132	-0.0966	-0.063	0.027798



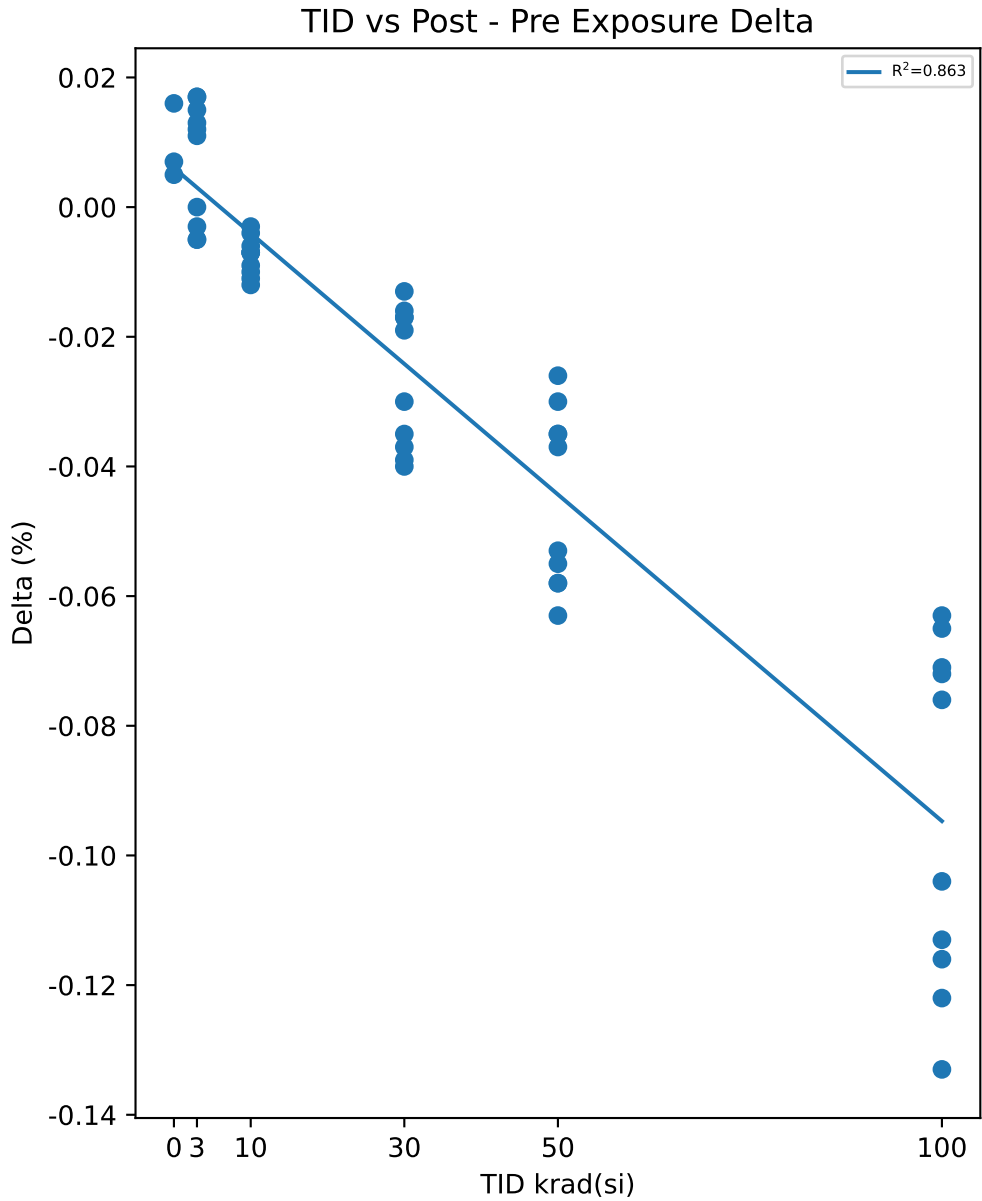
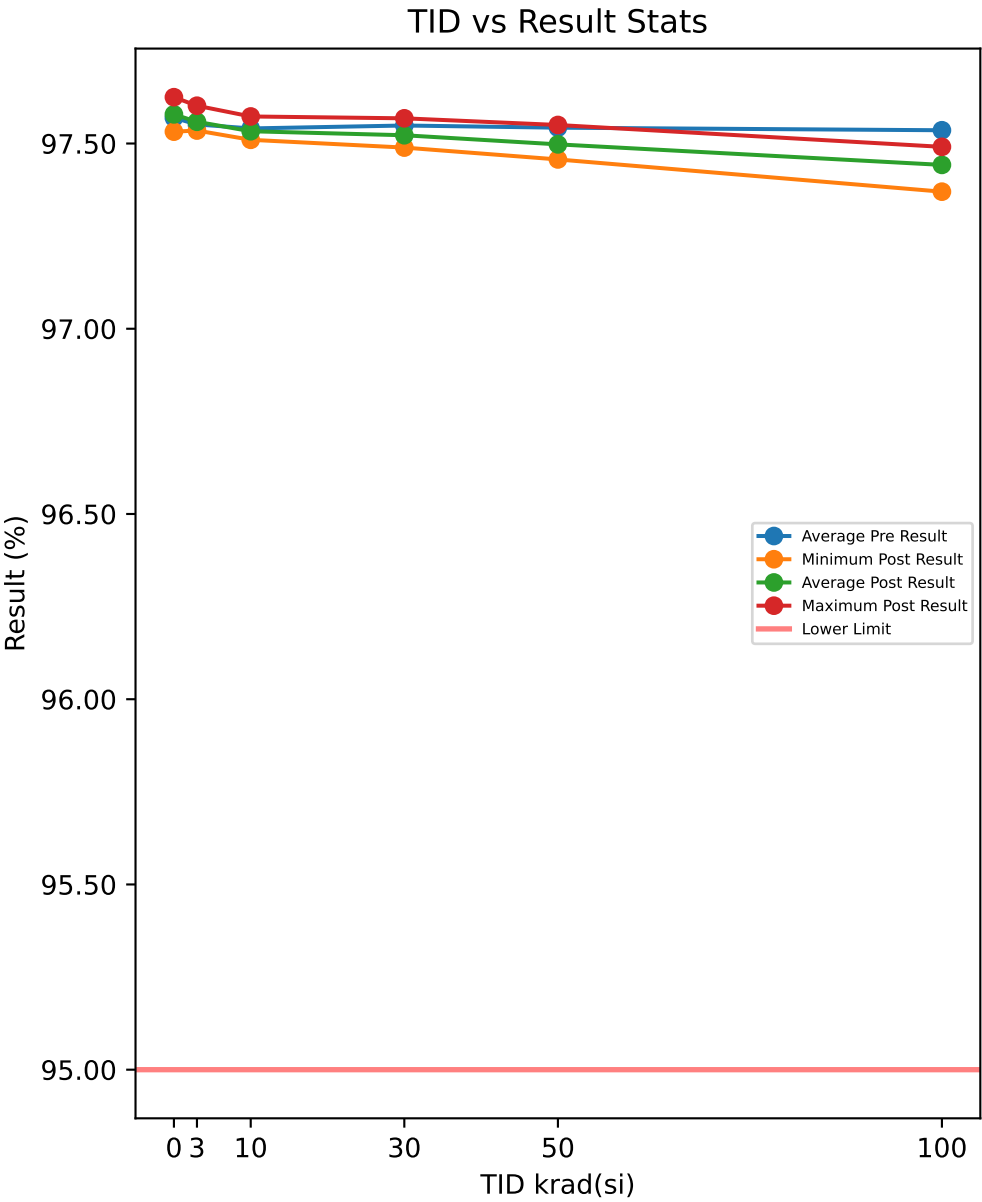
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.471	97.491	0.02
301	0	Correlation	97.49	97.501	0.011
302	0	Correlation	97.451	97.462	0.011
303	3	Bias	97.401	97.459	0.058
304	3	Bias	97.399	97.454	0.055
305	3	Bias	97.428	97.48	0.052
306	3	Bias	97.409	97.462	0.053
307	3	Bias	97.386	97.442	0.056
308	3	Unbiased	97.417	97.469	0.052
309	3	Unbiased	97.456	97.454	-0.002
310	3	Unbiased	97.45	97.447	-0.003
311	3	Unbiased	97.492	97.497	0.005
312	3	Unbiased	97.485	97.489	0.004
313	10	Bias	97.467	97.462	-0.005
314	10	Bias	97.463	97.45	-0.013
315	10	Bias	97.44	97.426	-0.014
316	10	Bias	97.464	97.45	-0.014
317	10	Bias	97.449	97.436	-0.013
318	10	Unbiased	97.453	97.445	-0.008
319	10	Unbiased	97.439	97.433	-0.006
320	10	Unbiased	97.428	97.428	0
321	10	Unbiased	97.44	97.418	-0.022
322	10	Unbiased	97.436	97.426	-0.01
323	30	Bias	97.458	97.413	-0.045
324	30	Bias	97.469	97.427	-0.042
325	30	Bias	97.436	97.381	-0.055
326	30	Bias	97.473	97.428	-0.045
327	30	Bias	97.458	97.411	-0.047
328	30	Unbiased	97.471	97.428	-0.043
329	30	Unbiased	97.45	97.409	-0.041
330	30	Unbiased	97.483	97.439	-0.044
331	30	Unbiased	97.451	97.401	-0.05
332	30	Unbiased	97.438	97.392	-0.046
333	50	Bias	97.485	97.415	-0.07
334	50	Bias	97.423	97.347	-0.076
335	50	Bias	97.448	97.364	-0.084
336	50	Bias	97.457	97.374	-0.083
337	50	Bias	97.423	97.34	-0.083
338	50	Unbiased	97.473	97.411	-0.062
339	50	Unbiased	97.421	97.394	-0.027
340	50	Unbiased	97.399	97.364	-0.035
341	50	Unbiased	97.428	97.393	-0.035
342	50	Unbiased	97.414	97.382	-0.032
343	100	Bias	97.419	97.321	-0.098
344	100	Bias	97.409	97.312	-0.097
345	100	Bias	97.416	97.302	-0.114
346	100	Bias	97.374	97.253	-0.121
347	100	Bias	97.397	97.287	-0.11
348	100	Unbiased	97.407	97.308	-0.099
349	100	Unbiased	97.41	97.321	-0.089
350	100	Unbiased	97.404	97.289	-0.115
351	100	Unbiased	97.377	97.258	-0.119
352	100	Unbiased	97.45	97.342	-0.108

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.451	97.471	97.49	0.019502	97.462	97.485	97.501	0.020257	0.011	0.014	0.02	0.0051962
3	97.386	97.432	97.492	0.036884	97.442	97.465	97.497	0.018197	-0.003	0.033	0.058	0.027701
10	97.428	97.448	97.467	0.01342	97.418	97.437	97.462	0.01385	-0.022	-0.0105	0	0.0061146
30	97.436	97.459	97.483	0.015392	97.381	97.413	97.439	0.018107	-0.055	-0.0458	-0.041	0.0041312
50	97.399	97.437	97.485	0.027534	97.34	97.378	97.415	0.025312	-0.084	-0.0587	-0.027	0.023805
100	97.374	97.406	97.45	0.021551	97.253	97.299	97.342	0.028119	-0.121	-0.107	-0.089	0.010708



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.412	97.434	0.022
301	0	Correlation	97.435	97.448	0.013
302	0	Correlation	97.39	97.404	0.014
303	3	Bias	97.346	97.393	0.047
304	3	Bias	97.349	97.394	0.045
305	3	Bias	97.375	97.417	0.042
306	3	Bias	97.37	97.412	0.042
307	3	Bias	97.342	97.388	0.046
308	3	Unbiased	97.362	97.402	0.04
309	3	Unbiased	97.397	97.396	-0.001
310	3	Unbiased	97.396	97.391	-0.005
311	3	Unbiased	97.43	97.432	0.002
312	3	Unbiased	97.427	97.43	0.003
313	10	Bias	97.409	97.4	-0.009
314	10	Bias	97.406	97.393	-0.013
315	10	Bias	97.378	97.362	-0.016
316	10	Bias	97.418	97.401	-0.017
317	10	Bias	97.39	97.375	-0.015
318	10	Unbiased	97.395	97.386	-0.009
319	10	Unbiased	97.389	97.381	-0.008
320	10	Unbiased	97.381	97.38	-0.001
321	10	Unbiased	97.395	97.369	-0.026
322	10	Unbiased	97.382	97.368	-0.014
323	30	Bias	97.4	97.351	-0.049
324	30	Bias	97.415	97.372	-0.043
325	30	Bias	97.378	97.324	-0.054
326	30	Bias	97.421	97.374	-0.047
327	30	Bias	97.4	97.349	-0.051
328	30	Unbiased	97.408	97.361	-0.047
329	30	Unbiased	97.401	97.359	-0.042
330	30	Unbiased	97.424	97.377	-0.047
331	30	Unbiased	97.398	97.346	-0.052
332	30	Unbiased	97.384	97.337	-0.047
333	50	Bias	97.431	97.356	-0.075
334	50	Bias	97.379	97.305	-0.074
335	50	Bias	97.388	97.302	-0.086
336	50	Bias	97.402	97.315	-0.087
337	50	Bias	97.369	97.284	-0.085
338	50	Unbiased	97.421	97.354	-0.067
339	50	Unbiased	97.375	97.336	-0.039
340	50	Unbiased	97.355	97.305	-0.05
341	50	Unbiased	97.38	97.335	-0.045
342	50	Unbiased	97.361	97.318	-0.043
343	100	Bias	97.374	97.265	-0.109
344	100	Bias	97.367	97.256	-0.111
345	100	Bias	97.375	97.248	-0.127
346	100	Bias	97.325	97.192	-0.133
347	100	Bias	97.36	97.235	-0.125
348	100	Unbiased	97.355	97.242	-0.113
349	100	Unbiased	97.373	97.272	-0.101
350	100	Unbiased	97.361	97.235	-0.126
351	100	Unbiased	97.342	97.209	-0.133
352	100	Unbiased	97.398	97.281	-0.117

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.39	97.412	97.435	0.022502	97.404	97.429	97.448	0.02248	0.013	0.016333	0.022	0.0049329
3	97.342	97.379	97.43	0.032077	97.388	97.406	97.432	0.016277	-0.005	0.0261	0.047	0.022864
10	97.378	97.394	97.418	0.013149	97.362	97.381	97.401	0.013493	-0.026	-0.0128	-0.001	0.0066633
30	97.378	97.403	97.424	0.014783	97.324	97.355	97.377	0.01701	-0.054	-0.0479	-0.042	0.003755
50	97.355	97.386	97.431	0.024924	97.284	97.321	97.356	0.023622	-0.087	-0.0651	-0.039	0.019134
100	97.325	97.363	97.398	0.019911	97.192	97.244	97.281	0.027581	-0.133	-0.1195	-0.101	0.010886

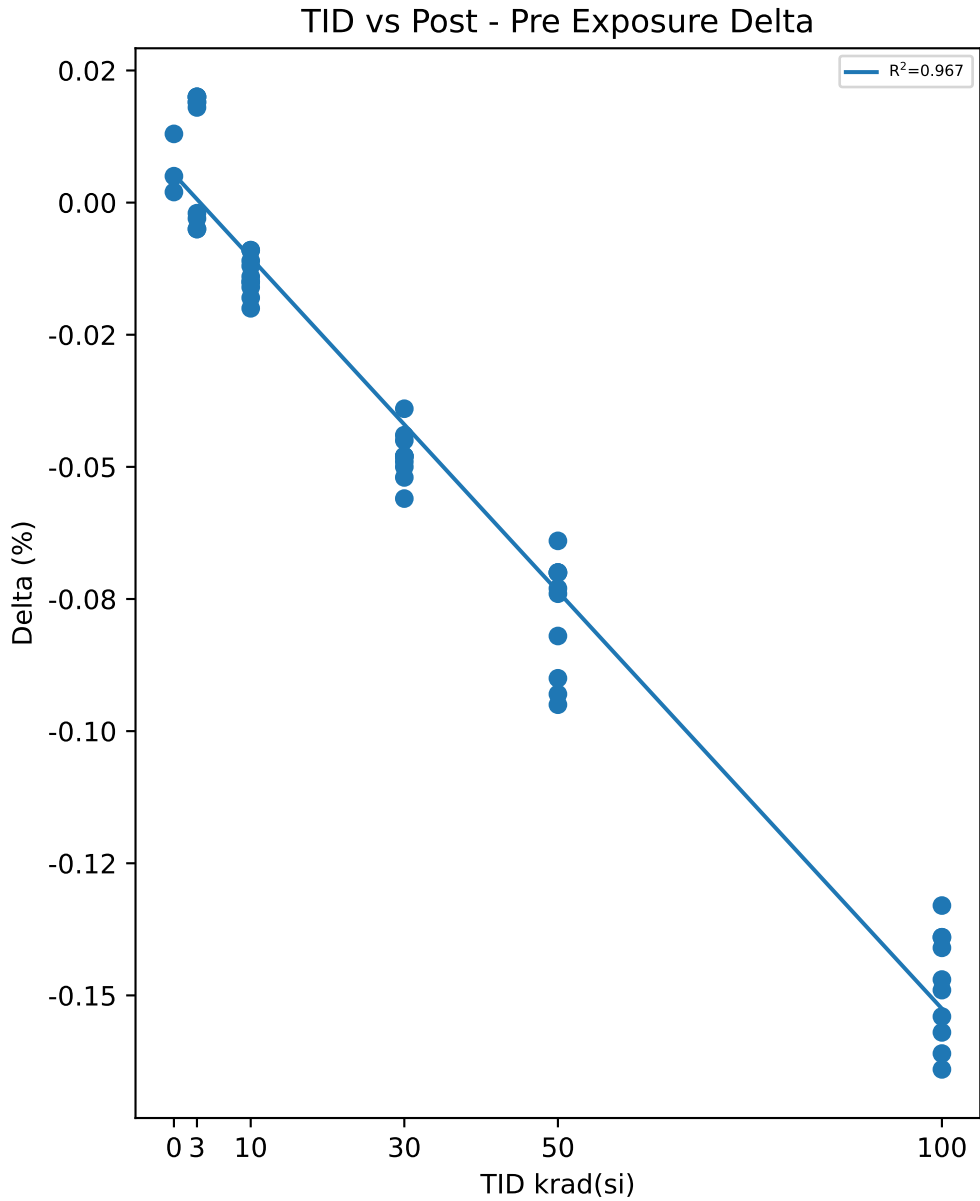
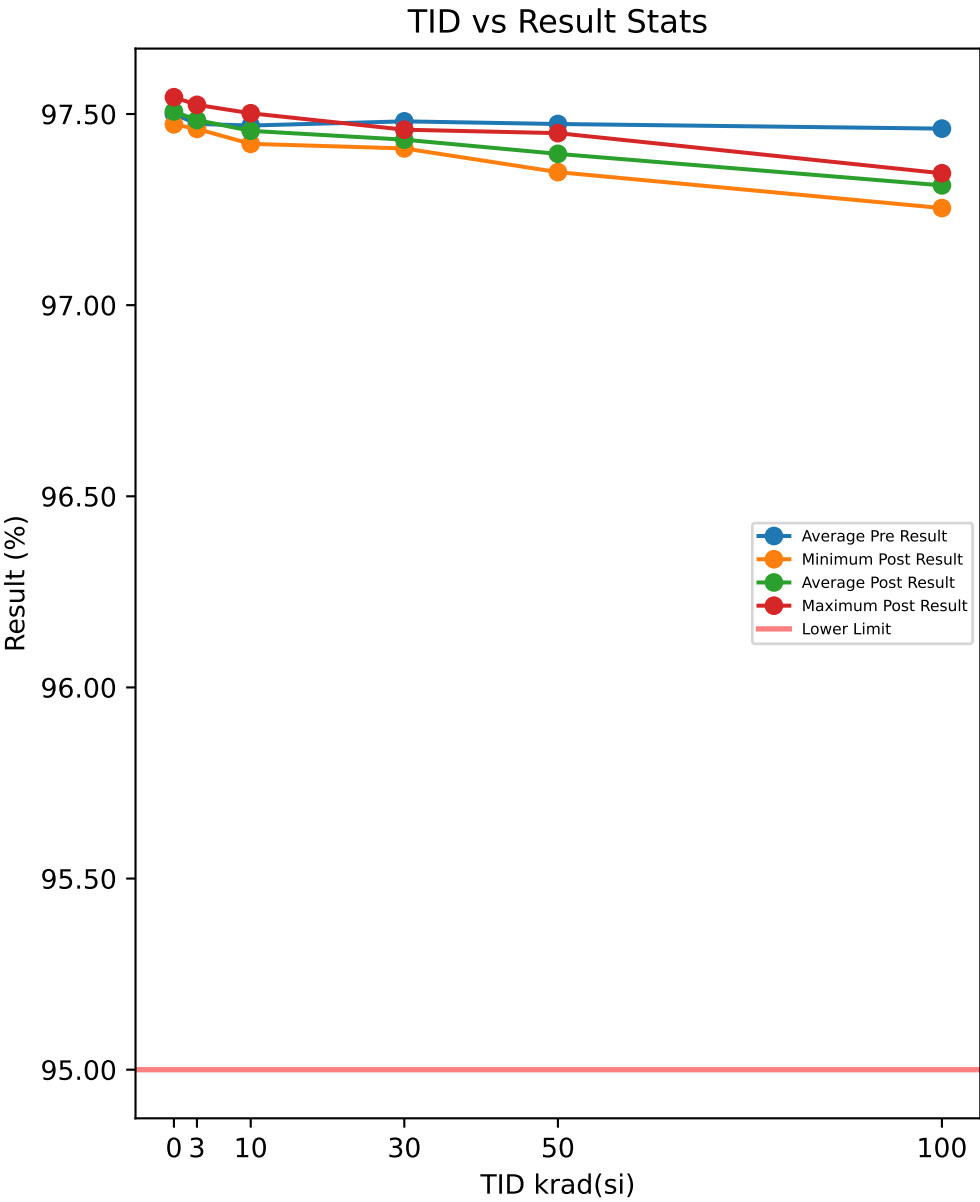


Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.563	97.579	0.016
301	0	Correlation	97.618	97.625	0.007
302	0	Correlation	97.527	97.532	0.005
303	3	Bias	97.538	97.555	0.017
304	3	Bias	97.529	97.544	0.015
305	3	Bias	97.537	97.554	0.017
306	3	Bias	97.539	97.551	0.012
307	3	Bias	97.522	97.535	0.013
308	3	Unbiased	97.546	97.557	0.011
309	3	Unbiased	97.555	97.55	-0.005
310	3	Unbiased	97.544	97.539	-0.005
311	3	Unbiased	97.605	97.602	-0.003
312	3	Unbiased	97.6	97.6	0
313	10	Bias	97.551	97.544	-0.007
314	10	Bias	97.54	97.537	-0.003
315	10	Bias	97.517	97.51	-0.007
316	10	Bias	97.585	97.573	-0.012
317	10	Bias	97.514	97.51	-0.004
318	10	Unbiased	97.54	97.529	-0.011
319	10	Unbiased	97.546	97.54	-0.006
320	10	Unbiased	97.528	97.518	-0.01
321	10	Unbiased	97.527	97.52	-0.007
322	10	Unbiased	97.559	97.55	-0.009
323	30	Bias	97.537	97.52	-0.017
324	30	Bias	97.555	97.539	-0.016
325	30	Bias	97.522	97.505	-0.017
326	30	Bias	97.581	97.568	-0.013
327	30	Bias	97.553	97.534	-0.019
328	30	Unbiased	97.553	97.518	-0.035
329	30	Unbiased	97.549	97.519	-0.03
330	30	Unbiased	97.568	97.531	-0.037
331	30	Unbiased	97.54	97.5	-0.04
332	30	Unbiased	97.528	97.489	-0.039
333	50	Bias	97.576	97.55	-0.026
334	50	Bias	97.516	97.486	-0.03
335	50	Bias	97.541	97.506	-0.035
336	50	Bias	97.546	97.509	-0.037
337	50	Bias	97.501	97.466	-0.035
338	50	Unbiased	97.573	97.52	-0.053
339	50	Unbiased	97.539	97.484	-0.055
340	50	Unbiased	97.52	97.457	-0.063
341	50	Unbiased	97.565	97.507	-0.058
342	50	Unbiased	97.55	97.492	-0.058
343	100	Bias	97.545	97.482	-0.063
344	100	Bias	97.528	97.463	-0.065
345	100	Bias	97.563	97.491	-0.072
346	100	Bias	97.502	97.426	-0.076
347	100	Bias	97.521	97.45	-0.071
348	100	Unbiased	97.541	97.428	-0.113
349	100	Unbiased	97.547	97.443	-0.104
350	100	Unbiased	97.543	97.421	-0.122
351	100	Unbiased	97.503	97.37	-0.133
352	100	Unbiased	97.565	97.449	-0.116

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.527	97.569	97.618	0.045829	97.532	97.579	97.625	0.046501	0.005	0.0093333	0.016	0.0058595
3	97.522	97.552	97.605	0.02836	97.535	97.559	97.602	0.023381	-0.005	0.0072	0.017	0.0092952
10	97.514	97.541	97.585	0.021229	97.51	97.533	97.573	0.019841	-0.012	-0.0076	-0.003	0.0029136
30	97.522	97.549	97.581	0.017784	97.489	97.522	97.568	0.022411	-0.04	-0.0263	-0.013	0.010863
50	97.501	97.543	97.576	0.024882	97.457	97.498	97.55	0.026945	-0.063	-0.045	-0.026	0.013646
100	97.502	97.536	97.565	0.02206	97.37	97.442	97.491	0.034371	-0.133	-0.0935	-0.063	0.026639

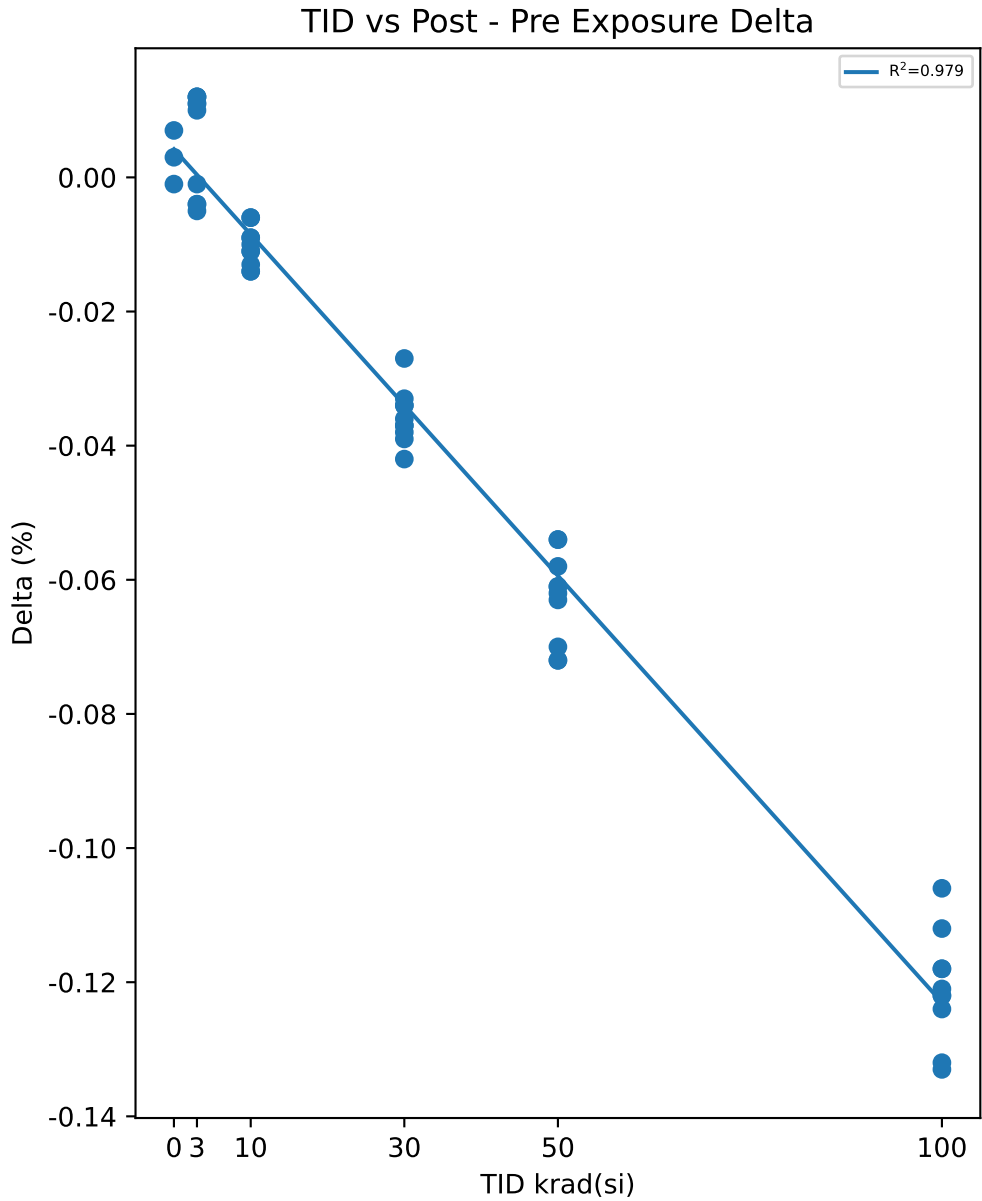
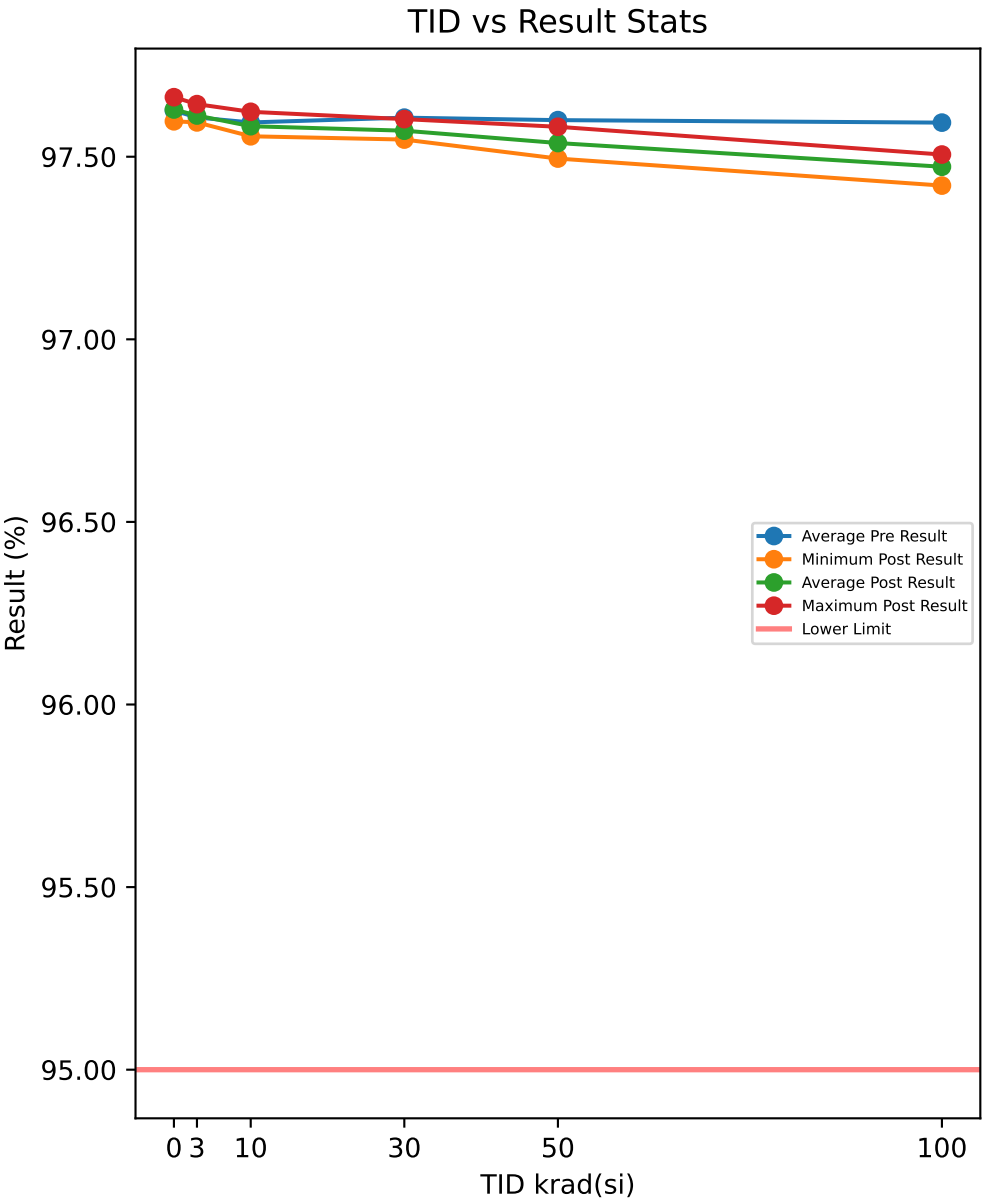
Device Test: 6.48 ; VOH_RESET_2MA



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.49	97.503	0.013
301	0	Correlation	97.539	97.544	0.005
302	0	Correlation	97.471	97.473	0.002
303	3	Bias	97.45	97.47	0.02
304	3	Bias	97.449	97.469	0.02
305	3	Bias	97.466	97.485	0.019
306	3	Bias	97.463	97.481	0.018
307	3	Bias	97.442	97.461	0.019
308	3	Unbiased	97.466	97.486	0.02
309	3	Unbiased	97.481	97.476	-0.005
310	3	Unbiased	97.472	97.467	-0.005
311	3	Unbiased	97.527	97.524	-0.003
312	3	Unbiased	97.525	97.523	-0.002
313	10	Bias	97.484	97.469	-0.015
314	10	Bias	97.471	97.457	-0.014
315	10	Bias	97.442	97.422	-0.02
316	10	Bias	97.518	97.502	-0.016
317	10	Bias	97.452	97.437	-0.015
318	10	Unbiased	97.48	97.468	-0.012
319	10	Unbiased	97.456	97.447	-0.009
320	10	Unbiased	97.462	97.453	-0.009
321	10	Unbiased	97.466	97.448	-0.018
322	10	Unbiased	97.468	97.457	-0.011
323	30	Bias	97.473	97.425	-0.048
324	30	Bias	97.489	97.444	-0.045
325	30	Bias	97.466	97.41	-0.056
326	30	Bias	97.507	97.458	-0.049
327	30	Bias	97.465	97.413	-0.052
328	30	Unbiased	97.486	97.442	-0.044
329	30	Unbiased	97.475	97.436	-0.039
330	30	Unbiased	97.507	97.459	-0.048
331	30	Unbiased	97.475	97.427	-0.048
332	30	Unbiased	97.465	97.415	-0.05
333	50	Bias	97.524	97.45	-0.074
334	50	Bias	97.465	97.383	-0.082
335	50	Bias	97.464	97.371	-0.093
336	50	Bias	97.479	97.384	-0.095
337	50	Bias	97.438	97.348	-0.09
338	50	Unbiased	97.515	97.445	-0.07
339	50	Unbiased	97.454	97.39	-0.064
340	50	Unbiased	97.456	97.383	-0.073
341	50	Unbiased	97.478	97.408	-0.07
342	50	Unbiased	97.466	97.396	-0.07
343	100	Bias	97.475	97.336	-0.139
344	100	Bias	97.462	97.321	-0.141
345	100	Bias	97.481	97.324	-0.157
346	100	Bias	97.418	97.254	-0.164
347	100	Bias	97.444	97.295	-0.149
348	100	Unbiased	97.471	97.332	-0.139
349	100	Unbiased	97.47	97.337	-0.133
350	100	Unbiased	97.462	97.308	-0.154
351	100	Unbiased	97.443	97.282	-0.161
352	100	Unbiased	97.492	97.345	-0.147

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.471	97.5	97.539	0.035086	97.473	97.507	97.544	0.035642	0.002	0.0066667	0.013	0.0056862
3	97.442	97.474	97.527	0.029696	97.461	97.484	97.524	0.022205	-0.005	0.0101	0.02	0.011967
10	97.442	97.47	97.518	0.021053	97.422	97.456	97.502	0.021349	-0.02	-0.0139	-0.009	0.0036652
30	97.465	97.481	97.507	0.016033	97.41	97.433	97.459	0.017842	-0.056	-0.0479	-0.039	0.0046056
50	97.438	97.474	97.524	0.026847	97.348	97.396	97.45	0.03146	-0.095	-0.0781	-0.064	0.01107
100	97.418	97.462	97.492	0.021591	97.254	97.313	97.345	0.028799	-0.164	-0.1484	-0.133	0.010426



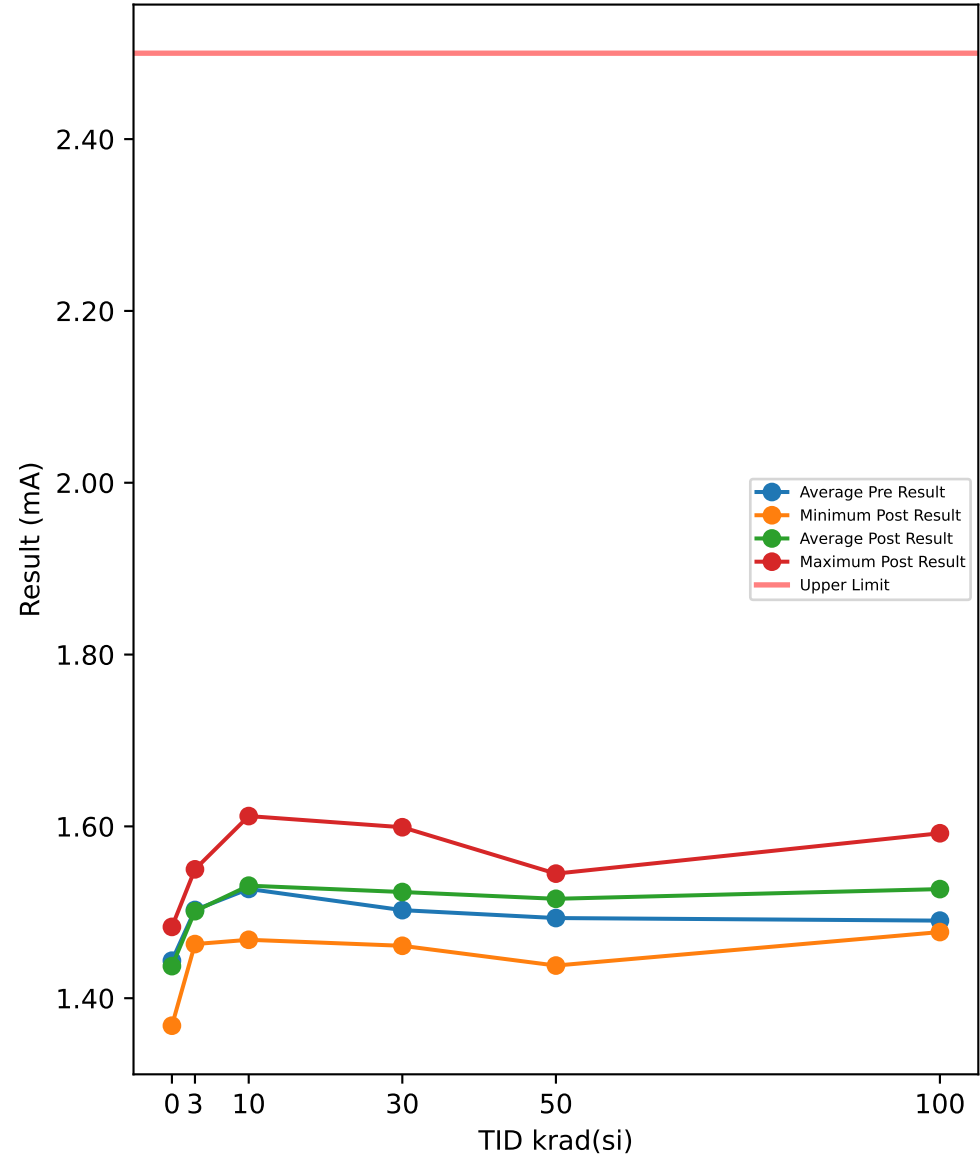
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.621	97.628	0.007
301	0	Correlation	97.66	97.663	0.003
302	0	Correlation	97.598	97.597	-0.001
303	3	Bias	97.6	97.612	0.012
304	3	Bias	97.59	97.602	0.012
305	3	Bias	97.61	97.621	0.011
306	3	Bias	97.592	97.602	0.01
307	3	Bias	97.587	97.599	0.012
308	3	Unbiased	97.6	97.611	0.011
309	3	Unbiased	97.608	97.604	-0.004
310	3	Unbiased	97.599	97.594	-0.005
311	3	Unbiased	97.644	97.64	-0.004
312	3	Unbiased	97.645	97.644	-0.001
313	10	Bias	97.61	97.596	-0.014
314	10	Bias	97.603	97.592	-0.011
315	10	Bias	97.57	97.556	-0.014
316	10	Bias	97.636	97.623	-0.013
317	10	Bias	97.576	97.565	-0.011
318	10	Unbiased	97.613	97.604	-0.009
319	10	Unbiased	97.581	97.575	-0.006
320	10	Unbiased	97.579	97.569	-0.01
321	10	Unbiased	97.578	97.572	-0.006
322	10	Unbiased	97.593	97.584	-0.009
323	30	Bias	97.612	97.575	-0.037
324	30	Bias	97.603	97.569	-0.034
325	30	Bias	97.589	97.547	-0.042
326	30	Bias	97.632	97.598	-0.034
327	30	Bias	97.592	97.554	-0.038
328	30	Unbiased	97.609	97.576	-0.033
329	30	Unbiased	97.601	97.574	-0.027
330	30	Unbiased	97.639	97.603	-0.036
331	30	Unbiased	97.597	97.56	-0.037
332	30	Unbiased	97.596	97.557	-0.039
333	50	Bias	97.64	97.582	-0.058
334	50	Bias	97.578	97.516	-0.062
335	50	Bias	97.589	97.517	-0.072
336	50	Bias	97.609	97.537	-0.072
337	50	Bias	97.565	97.495	-0.07
338	50	Unbiased	97.631	97.577	-0.054
339	50	Unbiased	97.593	97.539	-0.054
340	50	Unbiased	97.59	97.529	-0.061
341	50	Unbiased	97.613	97.55	-0.063
342	50	Unbiased	97.594	97.533	-0.061
343	100	Bias	97.612	97.494	-0.118
344	100	Bias	97.595	97.477	-0.118
345	100	Bias	97.617	97.485	-0.132
346	100	Bias	97.554	97.421	-0.133
347	100	Bias	97.583	97.461	-0.122
348	100	Unbiased	97.602	97.49	-0.112
349	100	Unbiased	97.591	97.485	-0.106
350	100	Unbiased	97.59	97.468	-0.122
351	100	Unbiased	97.563	97.439	-0.124
352	100	Unbiased	97.627	97.506	-0.121

Test Statistics (%)

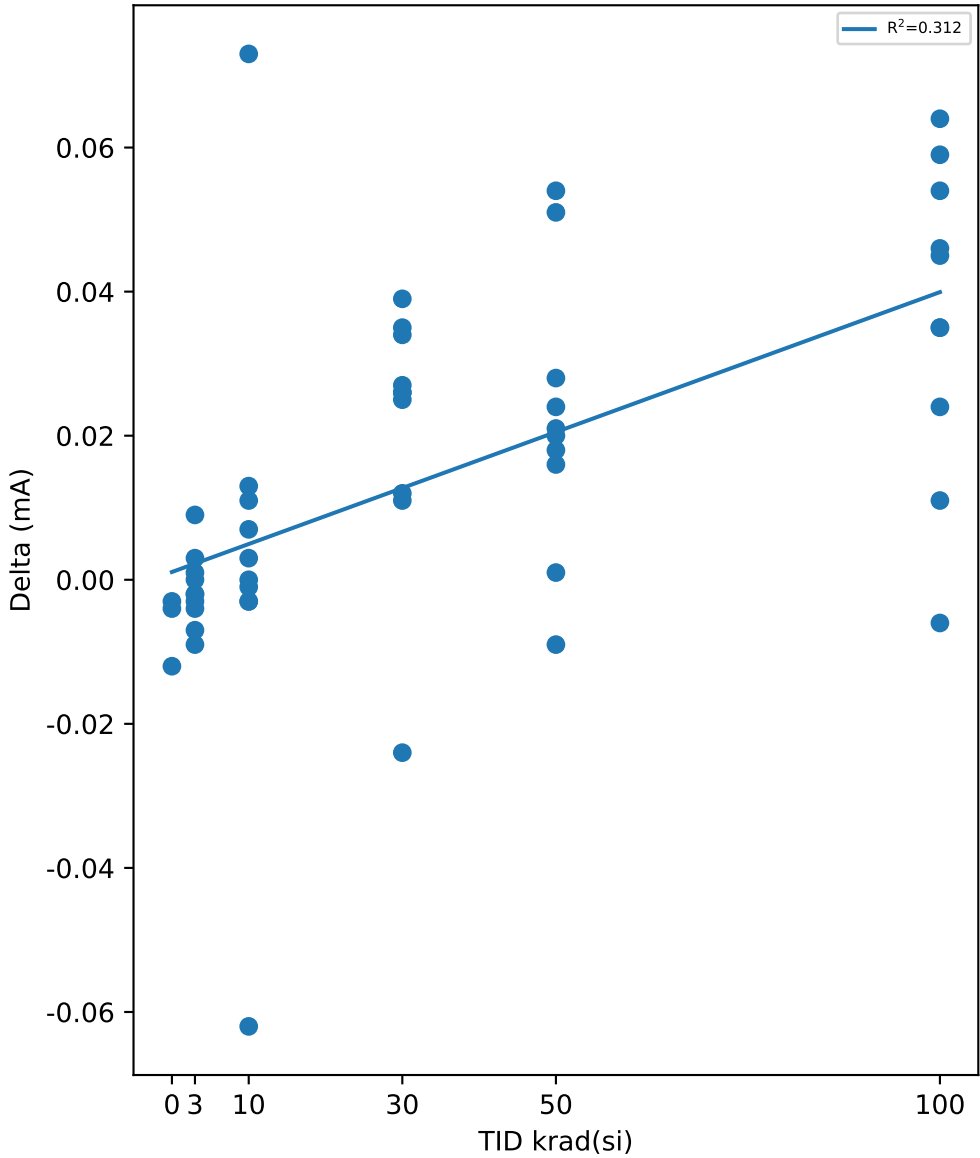
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.598	97.626	97.66	0.031342	97.597	97.629	97.663	0.03302	-0.001	0.003	0.007	0.004
3	97.587	97.608	97.645	0.020807	97.594	97.613	97.644	0.017123	-0.005	0.0054	0.012	0.0077488
10	97.57	97.594	97.636	0.021116	97.556	97.584	97.623	0.020337	-0.014	-0.0103	-0.006	0.0029078
30	97.589	97.607	97.639	0.016667	97.547	97.571	97.603	0.018221	-0.042	-0.0357	-0.027	0.0040565
50	97.565	97.6	97.64	0.023156	97.495	97.537	97.582	0.026834	-0.072	-0.0627	-0.054	0.0067173
100	97.554	97.593	97.627	0.022877	97.421	97.473	97.506	0.026141	-0.133	-0.1208	-0.106	0.0081622

Device Test: 6.5 ; IQ

TID vs Result Stats



TID vs Post - Pre Exposure Delta



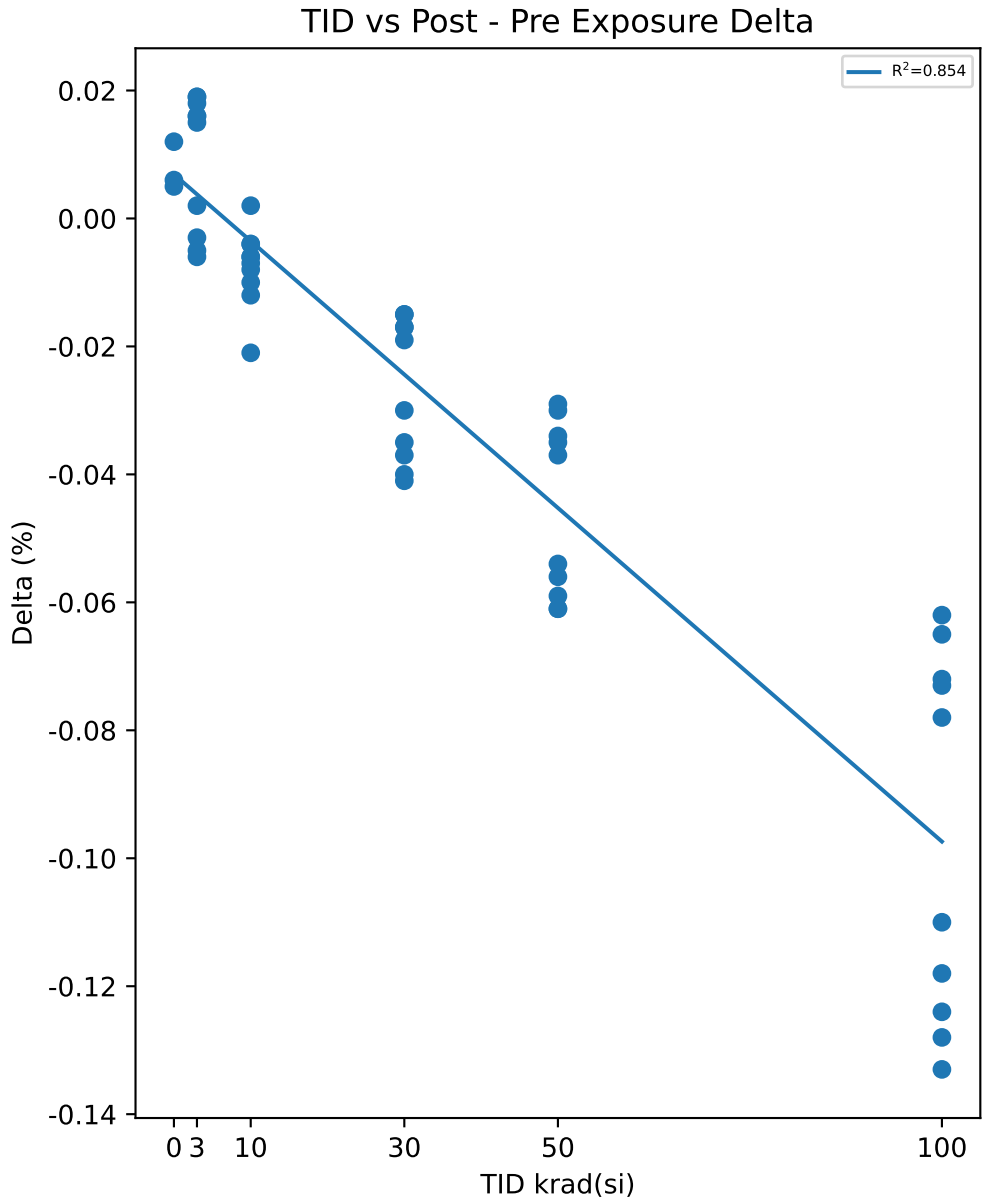
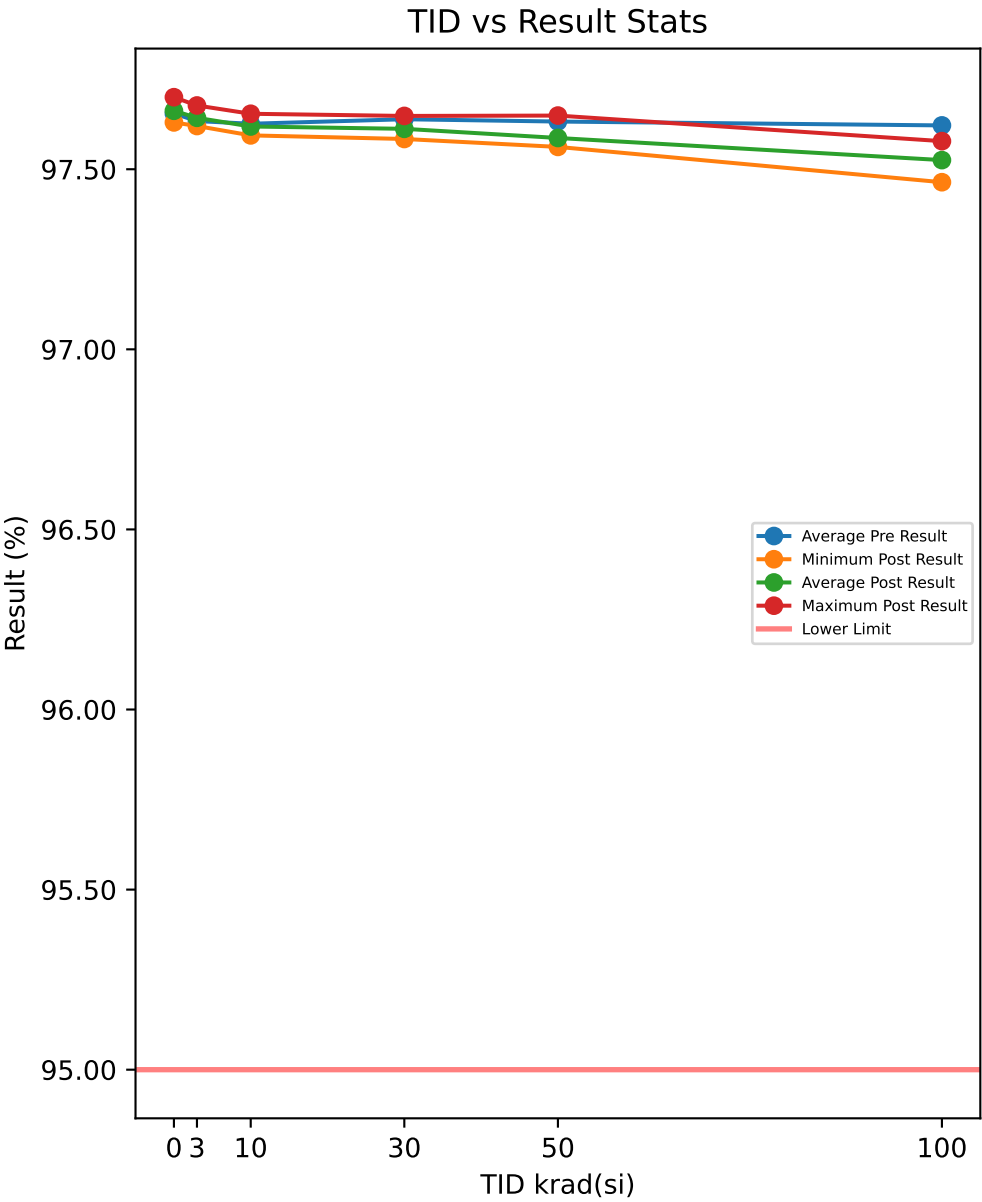
Test Results (Upper Limit = 2.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.495	1.483	-0.012
301	0	Correlation	1.372	1.368	-0.004
302	0	Correlation	1.464	1.461	-0.003
303	3	Bias	1.492	1.495	0.003
304	3	Bias	1.523	1.514	-0.009
305	3	Bias	1.557	1.55	-0.007
306	3	Bias	1.48	1.476	-0.004
307	3	Bias	1.533	1.531	-0.002
308	3	Unbiased	1.529	1.526	-0.003
309	3	Unbiased	1.463	1.463	0
310	3	Unbiased	1.485	1.486	0.001
311	3	Unbiased	1.481	1.479	-0.002
312	3	Unbiased	1.484	1.493	0.009
313	10	Bias	1.457	1.468	0.011
314	10	Bias	1.558	1.557	-0.001
315	10	Bias	1.595	1.608	0.013
316	10	Bias	1.478	1.475	-0.003
317	10	Bias	1.488	1.485	-0.003
318	10	Unbiased	1.522	1.525	0.003
319	10	Unbiased	1.605	1.612	0.007
320	10	Unbiased	1.489	1.562	0.073
321	10	Unbiased	1.557	1.495	-0.062
322	10	Unbiased	1.523	1.523	0
323	30	Bias	1.462	1.496	0.034
324	30	Bias	1.485	1.461	-0.024
325	30	Bias	1.542	1.569	0.027
326	30	Bias	1.574	1.599	0.025
327	30	Bias	1.53	1.541	0.011
328	30	Unbiased	1.507	1.533	0.026
329	30	Unbiased	1.446	1.485	0.039
330	30	Unbiased	1.457	1.492	0.035
331	30	Unbiased	1.476	1.502	0.026
332	30	Unbiased	1.546	1.558	0.012
333	50	Bias	1.51	1.526	0.016
334	50	Bias	1.527	1.545	0.018
335	50	Bias	1.465	1.519	0.054
336	50	Bias	1.522	1.523	0.001
337	50	Bias	1.512	1.54	0.028
338	50	Unbiased	1.482	1.506	0.024
339	50	Unbiased	1.417	1.438	0.021
340	50	Unbiased	1.492	1.543	0.051
341	50	Unbiased	1.531	1.522	-0.009
342	50	Unbiased	1.475	1.495	0.02
343	100	Bias	1.509	1.533	0.024
344	100	Bias	1.547	1.592	0.045
345	100	Bias	1.483	1.477	-0.006
346	100	Bias	1.47	1.534	0.064
347	100	Bias	1.515	1.526	0.011
348	100	Unbiased	1.47	1.529	0.059
349	100	Unbiased	1.496	1.531	0.035
350	100	Unbiased	1.45	1.485	0.035
351	100	Unbiased	1.526	1.58	0.054
352	100	Unbiased	1.437	1.483	0.046

Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.372	1.4437	1.495	0.063971	1.368	1.4373	1.483	0.061044	-0.012	-0.0063333	-0.003	0.0049329
3	1.463	1.5027	1.557	0.030387	1.463	1.5013	1.55	0.027833	-0.009	-0.0014	0.009	0.0051034
10	1.457	1.5272	1.605	0.050416	1.468	1.531	1.612	0.052434	-0.062	0.0038	0.073	0.03231
30	1.446	1.5025	1.574	0.043783	1.461	1.5236	1.599	0.043406	-0.024	0.0211	0.039	0.018248
50	1.417	1.4933	1.531	0.035113	1.438	1.5157	1.545	0.03156	-0.009	0.0224	0.054	0.019329
100	1.437	1.4903	1.547	0.03468	1.477	1.527	1.592	0.0385	-0.006	0.0367	0.064	0.02198

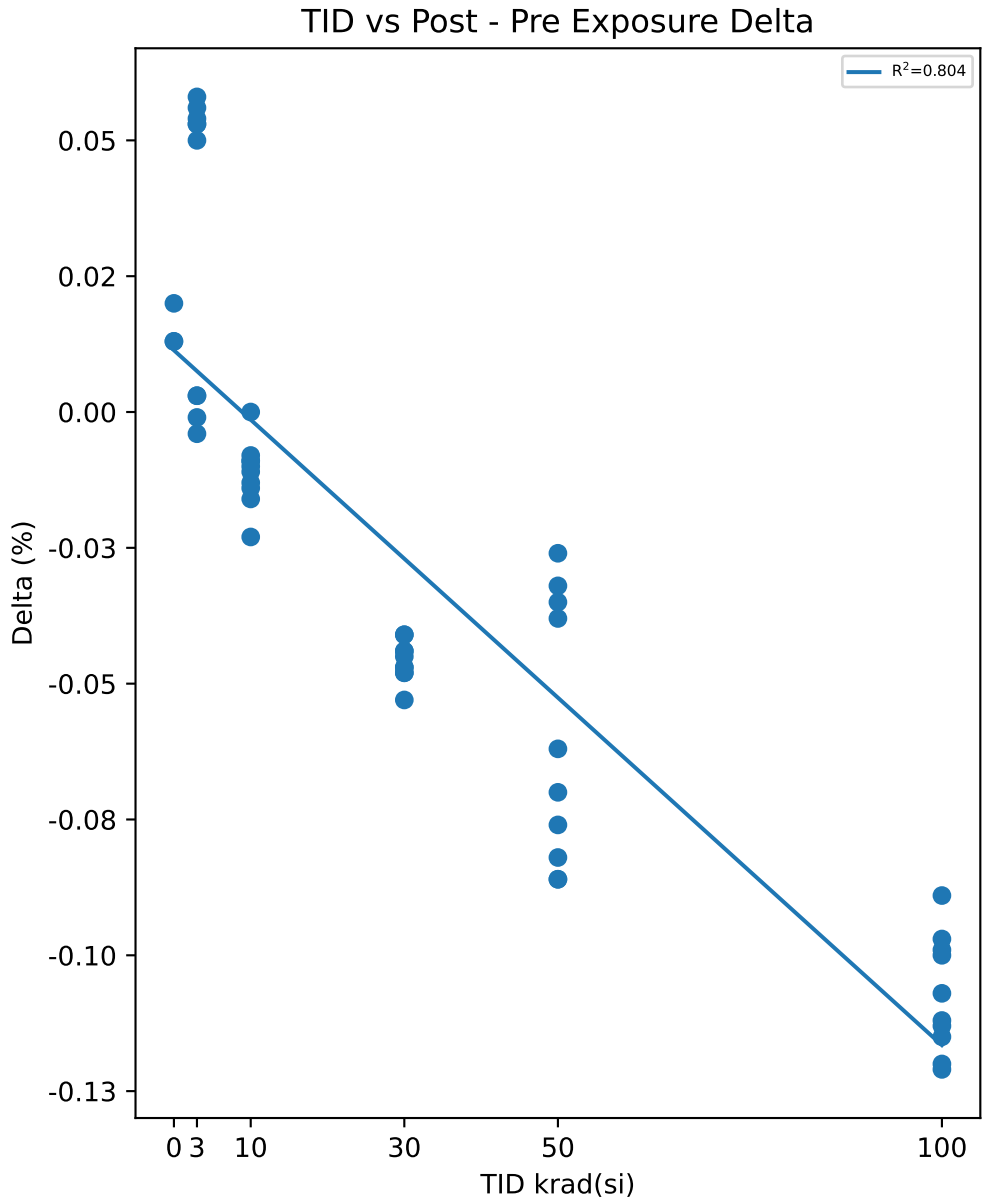
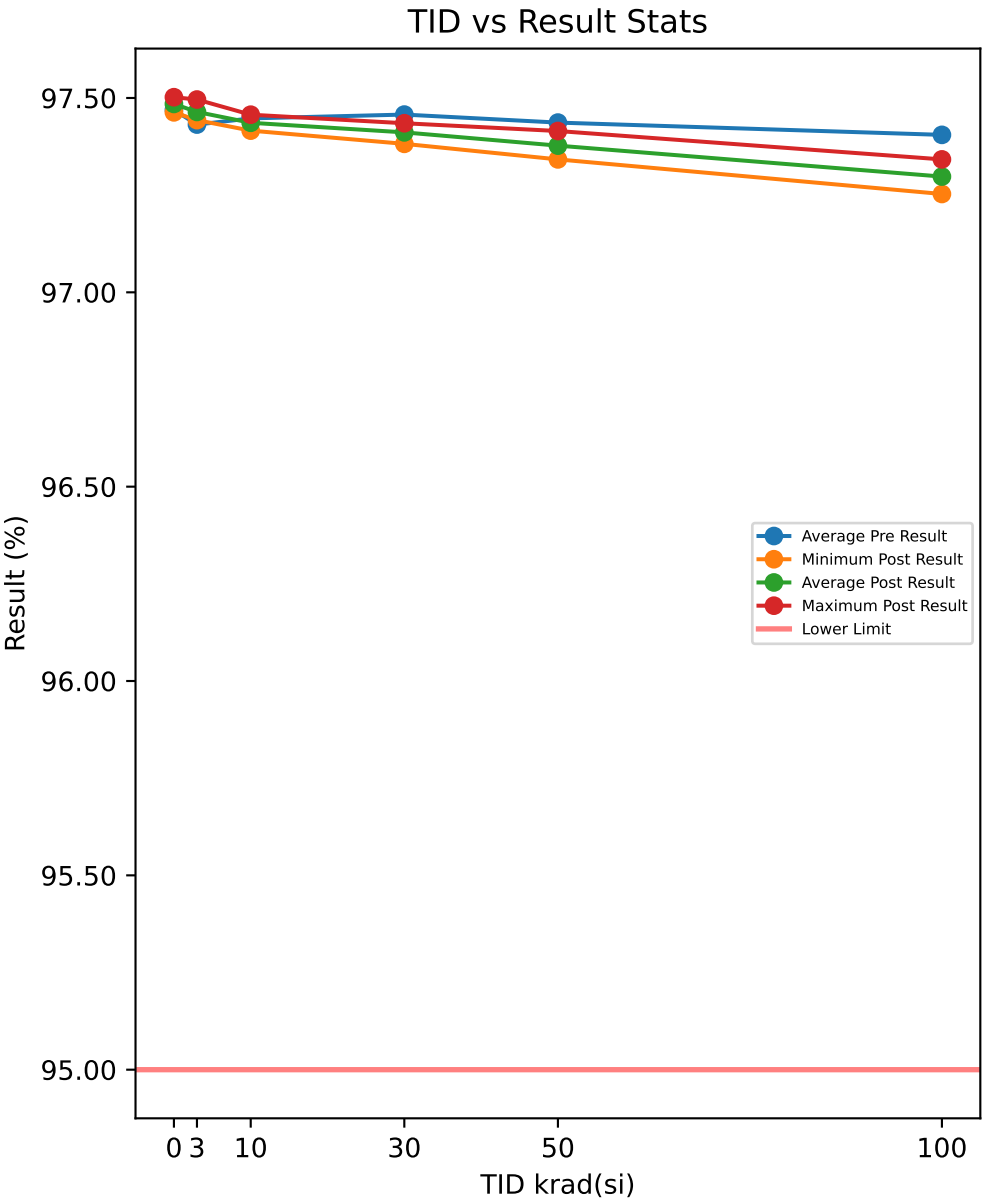
Device Test: 6.50 ; VOH_RESET_2MA



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.645	97.657	0.012
301	0	Correlation	97.694	97.7	0.006
302	0	Correlation	97.625	97.63	0.005
303	3	Bias	97.618	97.636	0.018
304	3	Bias	97.617	97.636	0.019
305	3	Bias	97.635	97.654	0.019
306	3	Bias	97.622	97.638	0.016
307	3	Bias	97.605	97.621	0.016
308	3	Unbiased	97.62	97.635	0.015
309	3	Unbiased	97.641	97.636	-0.005
310	3	Unbiased	97.626	97.62	-0.006
311	3	Unbiased	97.678	97.675	-0.003
312	3	Unbiased	97.675	97.677	0.002
313	10	Bias	97.65	97.644	-0.006
314	10	Bias	97.637	97.633	-0.004
315	10	Bias	97.603	97.597	-0.006
316	10	Bias	97.666	97.654	-0.012
317	10	Bias	97.605	97.601	-0.004
318	10	Unbiased	97.648	97.638	-0.01
319	10	Unbiased	97.612	97.605	-0.007
320	10	Unbiased	97.605	97.607	0.002
321	10	Unbiased	97.615	97.594	-0.021
322	10	Unbiased	97.622	97.614	-0.008
323	30	Bias	97.639	97.622	-0.017
324	30	Bias	97.644	97.629	-0.015
325	30	Bias	97.616	97.599	-0.017
326	30	Bias	97.663	97.648	-0.015
327	30	Bias	97.626	97.607	-0.019
328	30	Unbiased	97.644	97.609	-0.035
329	30	Unbiased	97.631	97.601	-0.03
330	30	Unbiased	97.674	97.634	-0.04
331	30	Unbiased	97.626	97.589	-0.037
332	30	Unbiased	97.625	97.584	-0.041
333	50	Bias	97.678	97.649	-0.029
334	50	Bias	97.607	97.577	-0.03
335	50	Bias	97.623	97.589	-0.034
336	50	Bias	97.643	97.606	-0.037
337	50	Bias	97.601	97.566	-0.035
338	50	Unbiased	97.665	97.609	-0.056
339	50	Unbiased	97.622	97.568	-0.054
340	50	Unbiased	97.623	97.562	-0.061
341	50	Unbiased	97.634	97.575	-0.059
342	50	Unbiased	97.628	97.567	-0.061
343	100	Bias	97.64	97.578	-0.062
344	100	Bias	97.622	97.557	-0.065
345	100	Bias	97.644	97.571	-0.073
346	100	Bias	97.582	97.504	-0.078
347	100	Bias	97.612	97.54	-0.072
348	100	Unbiased	97.631	97.513	-0.118
349	100	Unbiased	97.617	97.507	-0.11
350	100	Unbiased	97.619	97.491	-0.128
351	100	Unbiased	97.597	97.464	-0.133
352	100	Unbiased	97.653	97.529	-0.124

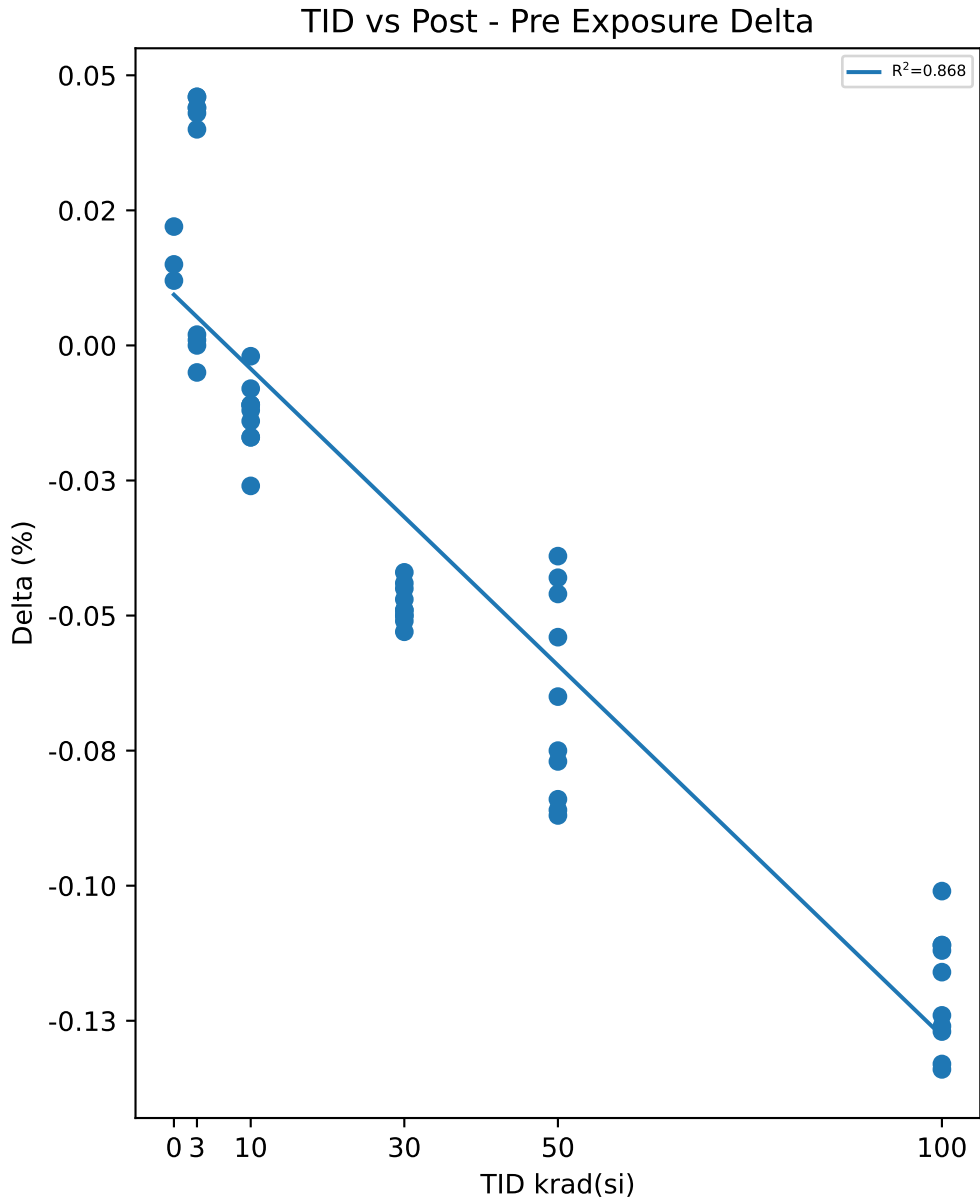
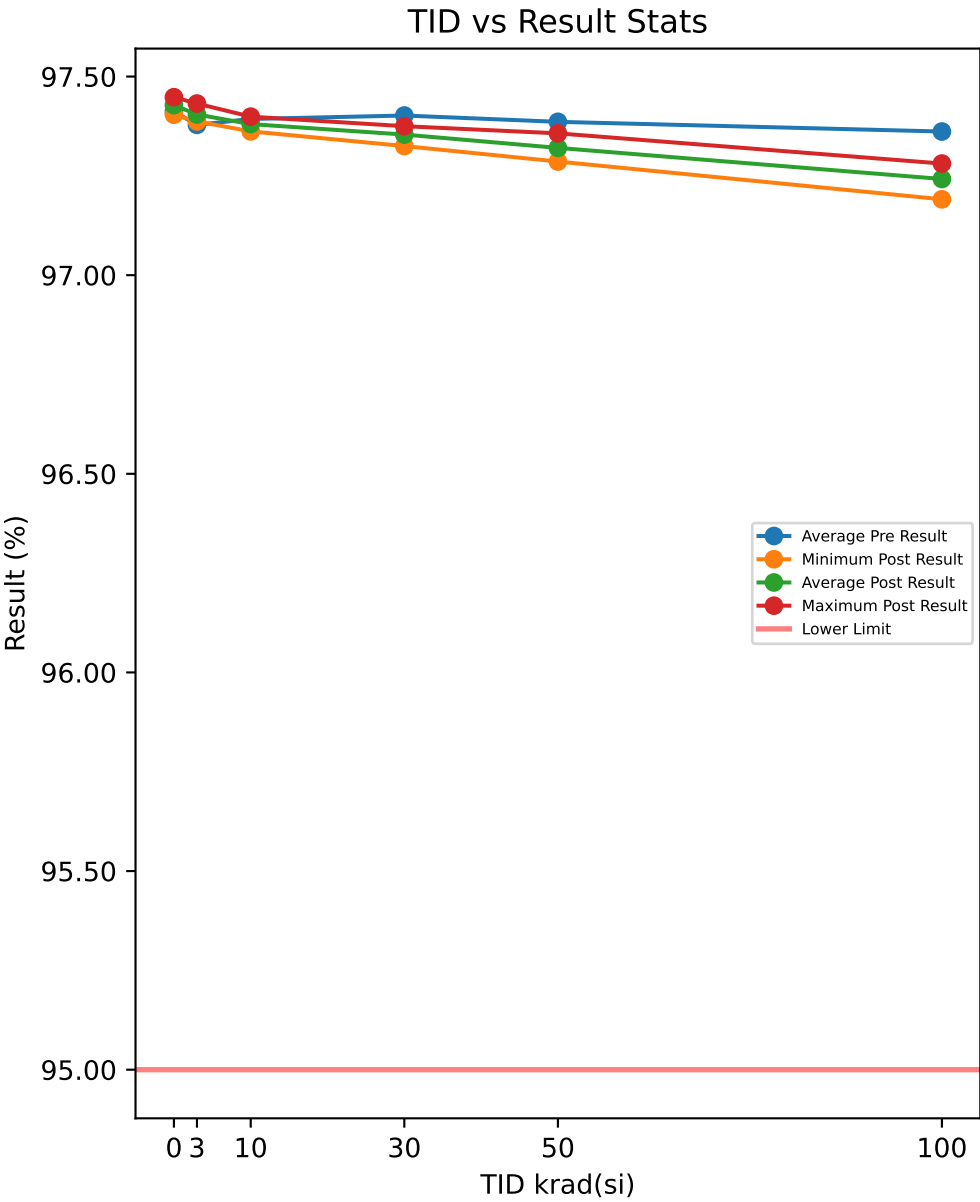
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.625	97.655	97.694	0.035501	97.63	97.662	97.7	0.035303	0.005	0.0076667	0.012	0.0037859
3	97.605	97.634	97.678	0.024622	97.62	97.643	97.677	0.01986	-0.006	0.0091	0.019	0.010692
10	97.603	97.626	97.666	0.02242	97.594	97.619	97.654	0.021613	-0.021	-0.0076	0.002	0.0060406
30	97.616	97.639	97.674	0.018189	97.584	97.612	97.648	0.020563	-0.041	-0.0266	-0.015	0.010997
50	97.601	97.632	97.678	0.024019	97.562	97.587	97.649	0.027414	-0.061	-0.0456	-0.029	0.013632
100	97.582	97.622	97.653	0.021623	97.464	97.525	97.578	0.036476	-0.133	-0.0963	-0.062	0.028678



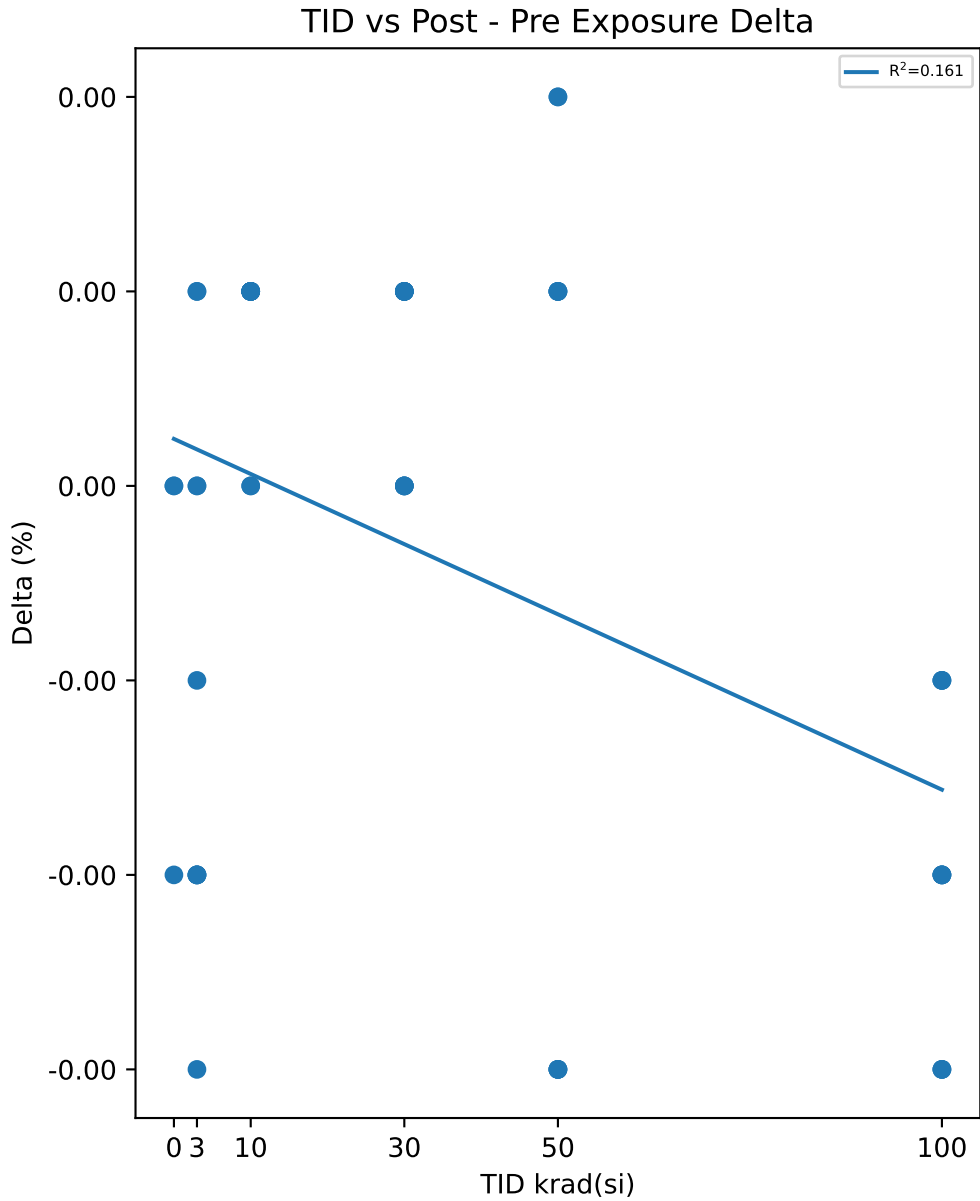
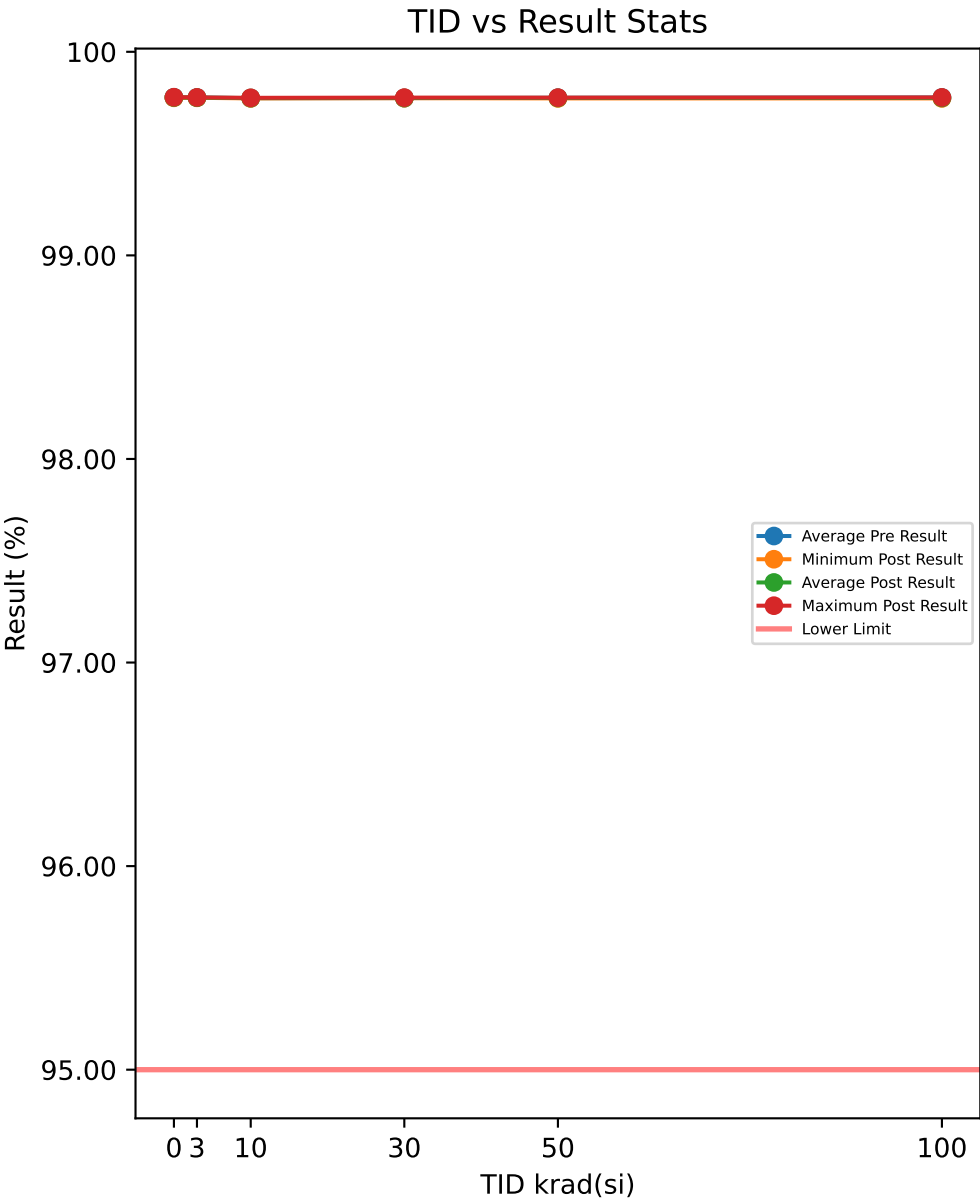
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.469	97.489	0.02
301	0	Correlation	97.489	97.502	0.013
302	0	Correlation	97.45	97.463	0.013
303	3	Bias	97.4	97.456	0.056
304	3	Bias	97.398	97.451	0.053
305	3	Bias	97.428	97.482	0.054
306	3	Bias	97.407	97.46	0.053
307	3	Bias	97.385	97.443	0.058
308	3	Unbiased	97.417	97.467	0.05
309	3	Unbiased	97.455	97.454	-0.001
310	3	Unbiased	97.449	97.445	-0.004
311	3	Unbiased	97.493	97.496	0.003
312	3	Unbiased	97.484	97.487	0.003
313	10	Bias	97.467	97.457	-0.01
314	10	Bias	97.461	97.452	-0.009
315	10	Bias	97.44	97.426	-0.014
316	10	Bias	97.464	97.448	-0.016
317	10	Bias	97.447	97.434	-0.013
318	10	Unbiased	97.452	97.443	-0.009
319	10	Unbiased	97.441	97.433	-0.008
320	10	Unbiased	97.427	97.427	0
321	10	Unbiased	97.439	97.416	-0.023
322	10	Unbiased	97.437	97.426	-0.011
323	30	Bias	97.458	97.414	-0.044
324	30	Bias	97.469	97.424	-0.045
325	30	Bias	97.435	97.382	-0.053
326	30	Bias	97.47	97.429	-0.041
327	30	Bias	97.456	97.409	-0.047
328	30	Unbiased	97.47	97.426	-0.044
329	30	Unbiased	97.448	97.407	-0.041
330	30	Unbiased	97.483	97.435	-0.048
331	30	Unbiased	97.447	97.4	-0.047
332	30	Unbiased	97.437	97.389	-0.048
333	50	Bias	97.485	97.415	-0.07
334	50	Bias	97.424	97.348	-0.076
335	50	Bias	97.448	97.362	-0.086
336	50	Bias	97.458	97.372	-0.086
337	50	Bias	97.424	97.342	-0.082
338	50	Unbiased	97.472	97.41	-0.062
339	50	Unbiased	97.419	97.393	-0.026
340	50	Unbiased	97.397	97.359	-0.038
341	50	Unbiased	97.427	97.392	-0.035
342	50	Unbiased	97.413	97.381	-0.032
343	100	Bias	97.418	97.319	-0.099
344	100	Bias	97.407	97.31	-0.097
345	100	Bias	97.416	97.301	-0.115
346	100	Bias	97.373	97.253	-0.12
347	100	Bias	97.397	97.285	-0.112
348	100	Unbiased	97.405	97.305	-0.1
349	100	Unbiased	97.407	97.318	-0.089
350	100	Unbiased	97.403	97.29	-0.113
351	100	Unbiased	97.376	97.255	-0.121
352	100	Unbiased	97.449	97.342	-0.107

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.45	97.469	97.489	0.019502	97.463	97.485	97.502	0.019858	0.013	0.015333	0.02	0.0040415
3	97.385	97.432	97.493	0.037262	97.443	97.464	97.496	0.018369	-0.004	0.0325	0.058	0.027902
10	97.427	97.448	97.467	0.013151	97.416	97.436	97.457	0.013265	-0.023	-0.0113	0	0.0059638
30	97.435	97.457	97.483	0.01572	97.382	97.412	97.435	0.017533	-0.053	-0.0458	-0.041	0.0036148
50	97.397	97.437	97.485	0.027945	97.342	97.377	97.415	0.025096	-0.086	-0.0593	-0.026	0.02413
100	97.373	97.405	97.449	0.021517	97.253	97.298	97.342	0.028059	-0.121	-0.1073	-0.089	0.010678



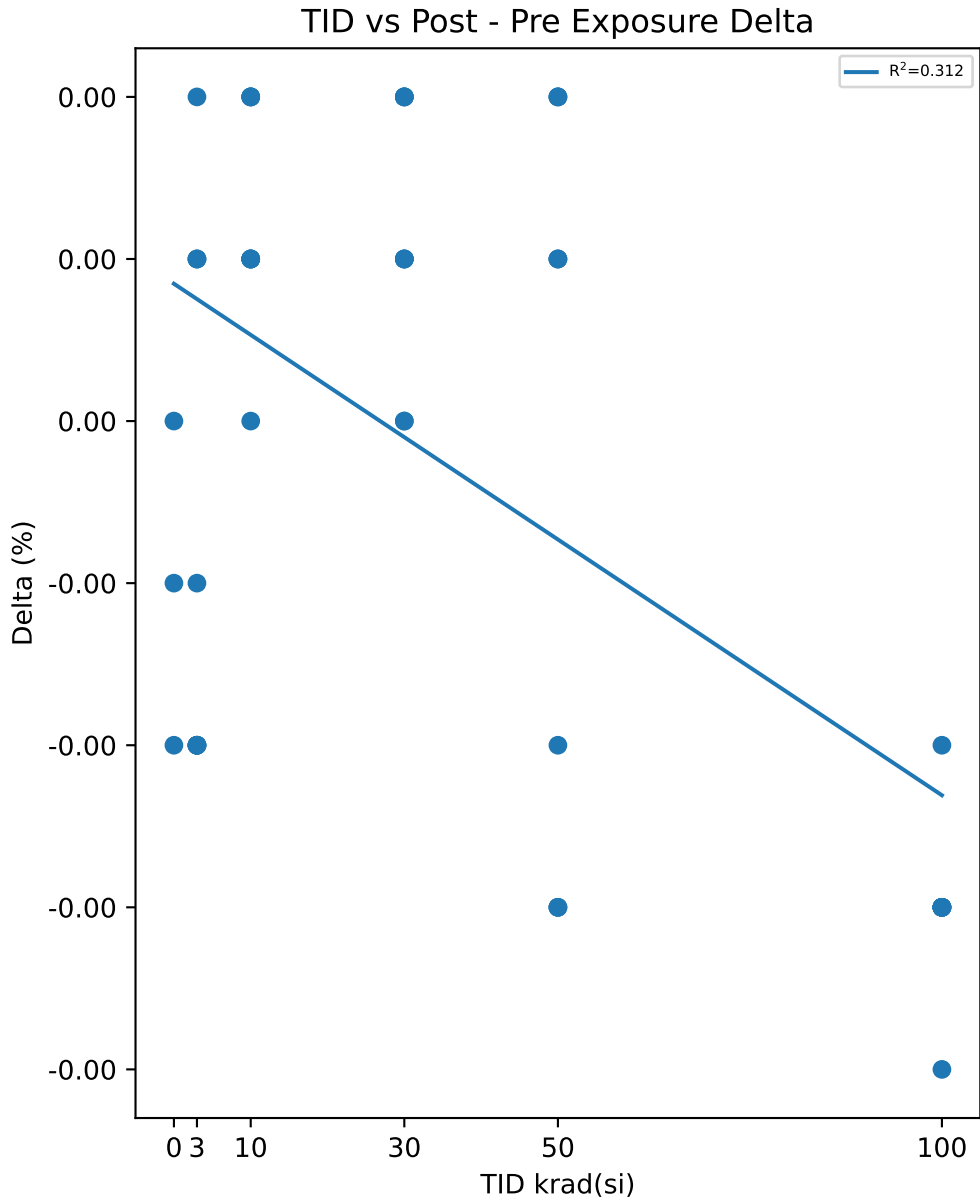
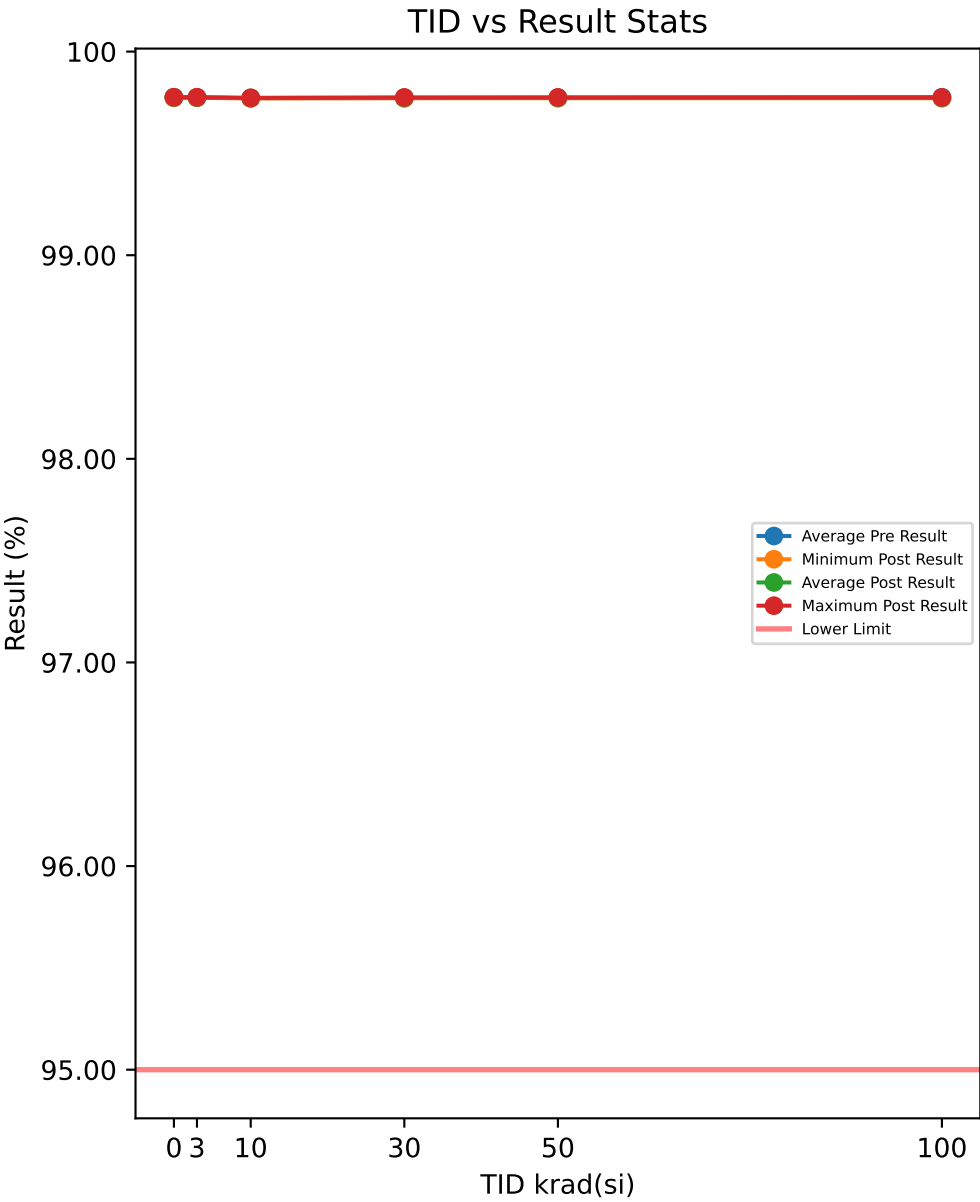
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	97.41	97.432	0.022
301	0	Correlation	97.433	97.448	0.015
302	0	Correlation	97.392	97.404	0.012
303	3	Bias	97.344	97.39	0.046
304	3	Bias	97.348	97.392	0.044
305	3	Bias	97.375	97.419	0.044
306	3	Bias	97.369	97.412	0.043
307	3	Bias	97.341	97.387	0.046
308	3	Unbiased	97.361	97.401	0.04
309	3	Unbiased	97.396	97.396	0
310	3	Unbiased	97.394	97.389	-0.005
311	3	Unbiased	97.43	97.432	0.002
312	3	Unbiased	97.426	97.427	0.001
313	10	Bias	97.408	97.396	-0.012
314	10	Bias	97.404	97.393	-0.011
315	10	Bias	97.379	97.362	-0.017
316	10	Bias	97.416	97.399	-0.017
317	10	Bias	97.388	97.374	-0.014
318	10	Unbiased	97.395	97.384	-0.011
319	10	Unbiased	97.389	97.381	-0.008
320	10	Unbiased	97.38	97.378	-0.002
321	10	Unbiased	97.393	97.367	-0.026
322	10	Unbiased	97.38	97.369	-0.011
323	30	Bias	97.401	97.352	-0.049
324	30	Bias	97.416	97.369	-0.047
325	30	Bias	97.378	97.325	-0.053
326	30	Bias	97.42	97.375	-0.045
327	30	Bias	97.397	97.347	-0.05
328	30	Unbiased	97.406	97.362	-0.044
329	30	Unbiased	97.401	97.359	-0.042
330	30	Unbiased	97.425	97.374	-0.051
331	30	Unbiased	97.393	97.343	-0.05
332	30	Unbiased	97.382	97.333	-0.049
333	50	Bias	97.432	97.357	-0.075
334	50	Bias	97.381	97.304	-0.077
335	50	Bias	97.388	97.302	-0.086
336	50	Bias	97.402	97.315	-0.087
337	50	Bias	97.37	97.286	-0.084
338	50	Unbiased	97.419	97.354	-0.065
339	50	Unbiased	97.374	97.335	-0.039
340	50	Unbiased	97.354	97.3	-0.054
341	50	Unbiased	97.38	97.334	-0.046
342	50	Unbiased	97.36	97.317	-0.043
343	100	Bias	97.372	97.261	-0.111
344	100	Bias	97.366	97.255	-0.111
345	100	Bias	97.374	97.247	-0.127
346	100	Bias	97.324	97.191	-0.133
347	100	Bias	97.358	97.234	-0.124
348	100	Unbiased	97.353	97.241	-0.112
349	100	Unbiased	97.372	97.271	-0.101
350	100	Unbiased	97.36	97.234	-0.126
351	100	Unbiased	97.34	97.206	-0.134
352	100	Unbiased	97.397	97.281	-0.116

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.392	97.412	97.433	0.020551	97.404	97.428	97.448	0.022271	0.012	0.016333	0.022	0.0051316
3	97.341	97.378	97.43	0.032301	97.387	97.404	97.432	0.016755	-0.005	0.0261	0.046	0.023024
10	97.379	97.393	97.416	0.012709	97.362	97.38	97.399	0.01272	-0.026	-0.0129	-0.002	0.0063325
30	97.378	97.402	97.425	0.015452	97.325	97.354	97.375	0.017032	-0.053	-0.048	-0.042	0.0034319
50	97.354	97.386	97.432	0.025002	97.286	97.32	97.357	0.023838	-0.087	-0.0656	-0.039	0.018763
100	97.324	97.362	97.397	0.020034	97.191	97.242	97.281	0.027775	-0.134	-0.1195	-0.101	0.010886



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.776	99.776	0
301	0	Correlation	99.779	99.777	-0.002
302	0	Correlation	99.774	99.774	0
303	3	Bias	99.777	99.776	-0.001
304	3	Bias	99.776	99.774	-0.002
305	3	Bias	99.776	99.774	-0.002
306	3	Bias	99.777	99.774	-0.003
307	3	Bias	99.776	99.774	-0.002
308	3	Unbiased	99.776	99.774	-0.002
309	3	Unbiased	99.774	99.774	0
310	3	Unbiased	99.773	99.774	0.001
311	3	Unbiased	99.775	99.776	0.001
312	3	Unbiased	99.776	99.776	0
313	10	Bias	99.773	99.774	0.001
314	10	Bias	99.772	99.773	0.001
315	10	Bias	99.771	99.771	0
316	10	Bias	99.772	99.773	0.001
317	10	Bias	99.771	99.772	0.001
318	10	Unbiased	99.772	99.773	0.001
319	10	Unbiased	99.773	99.774	0.001
320	10	Unbiased	99.772	99.773	0.001
321	10	Unbiased	99.773	99.773	0
322	10	Unbiased	99.772	99.773	0.001
323	30	Bias	99.772	99.773	0.001
324	30	Bias	99.772	99.773	0.001
325	30	Bias	99.771	99.772	0.001
326	30	Bias	99.774	99.775	0.001
327	30	Bias	99.773	99.773	0
328	30	Unbiased	99.773	99.773	0
329	30	Unbiased	99.773	99.774	0.001
330	30	Unbiased	99.772	99.773	0.001
331	30	Unbiased	99.773	99.773	0
332	30	Unbiased	99.773	99.773	0
333	50	Bias	99.772	99.774	0.002
334	50	Bias	99.771	99.772	0.001
335	50	Bias	99.774	99.775	0.001
336	50	Bias	99.774	99.775	0.001
337	50	Bias	99.769	99.771	0.002
338	50	Unbiased	99.773	99.774	0.001
339	50	Unbiased	99.777	99.774	-0.003
340	50	Unbiased	99.775	99.772	-0.003
341	50	Unbiased	99.778	99.775	-0.003
342	50	Unbiased	99.776	99.773	-0.003
343	100	Bias	99.776	99.774	-0.002
344	100	Bias	99.775	99.773	-0.002
345	100	Bias	99.776	99.775	-0.001
346	100	Bias	99.774	99.773	-0.001
347	100	Bias	99.775	99.773	-0.002
348	100	Unbiased	99.777	99.774	-0.003
349	100	Unbiased	99.775	99.772	-0.003
350	100	Unbiased	99.776	99.774	-0.002
351	100	Unbiased	99.774	99.771	-0.003
352	100	Unbiased	99.777	99.776	-0.001

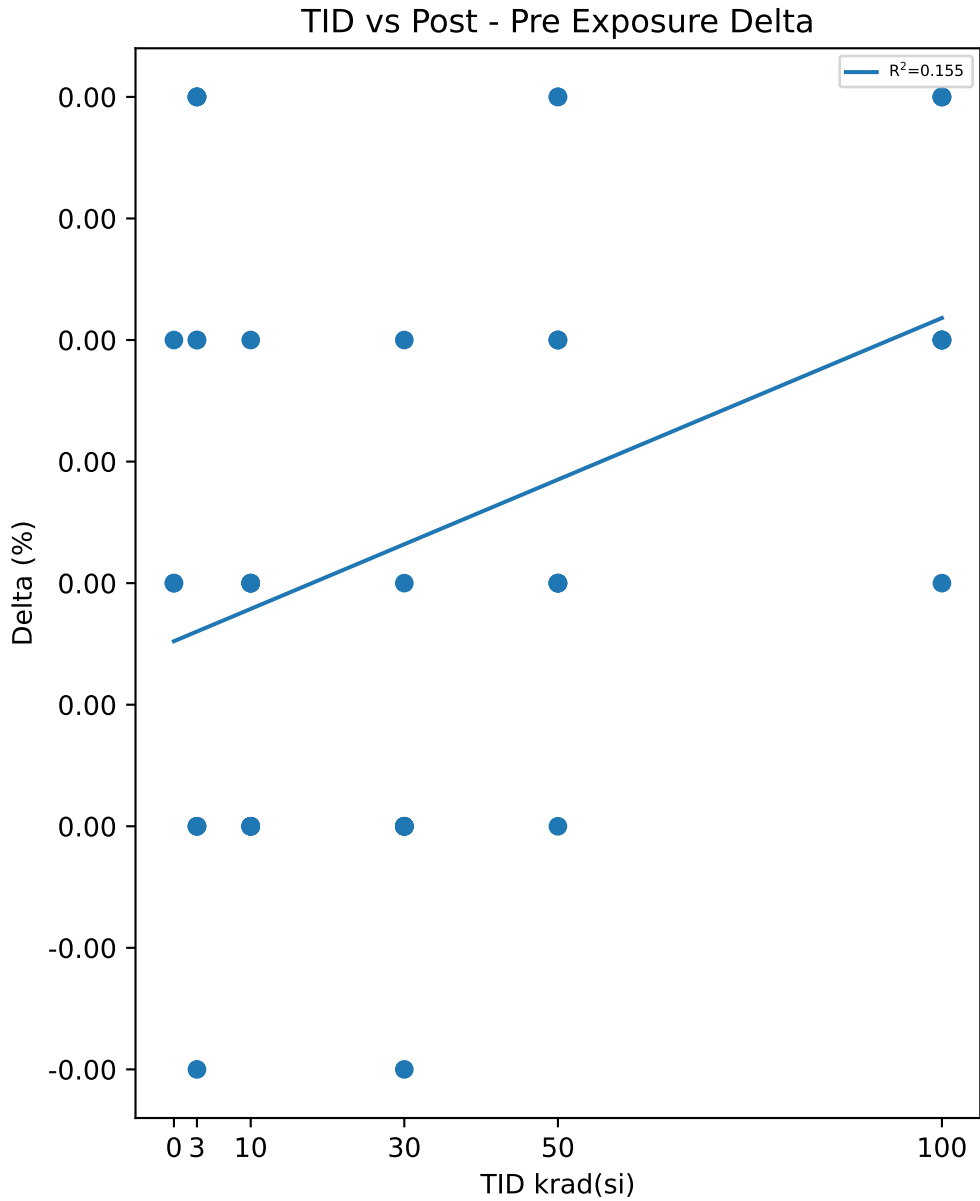
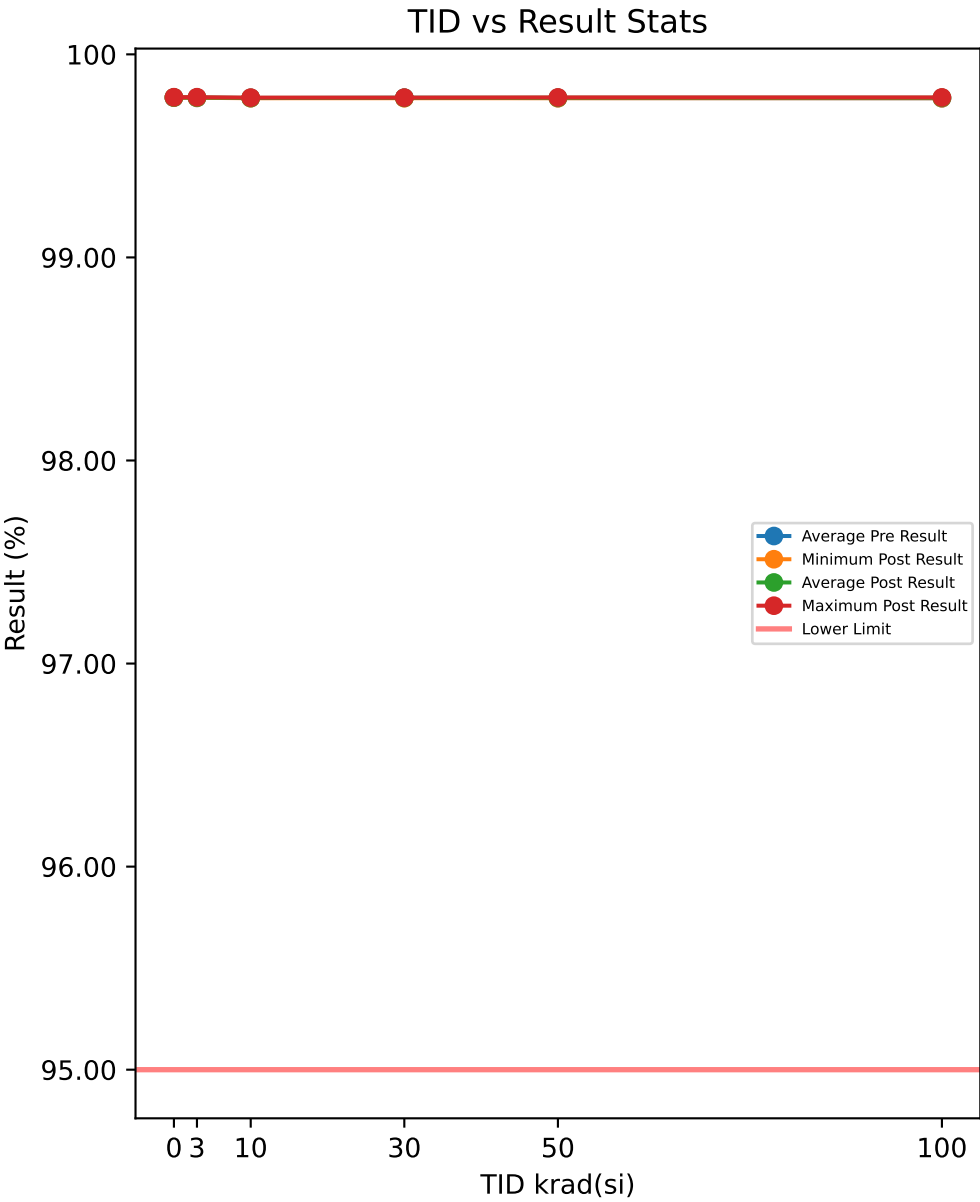
Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.774	99.776	99.779	0.0025166	99.774	99.776	99.777	0.0015275	-0.002	-0.00066667	0	0.0011547
3	99.773	99.776	99.777	0.0012649	99.774	99.775	99.776	0.00096609	-0.003	-0.001	0.001	0.0014142
10	99.771	99.772	99.773	0.00073786	99.771	99.773	99.774	0.0008756	0	0.0008	0.001	0.00042164
30	99.771	99.773	99.774	0.00084327	99.772	99.773	99.775	0.00078881	0	0.0006	0.001	0.0005164
50	99.769	99.774	99.778	0.0027669	99.771	99.773	99.775	0.0014337	-0.003	-0.0004	0.002	0.0022706
100	99.774	99.775	99.777	0.0010801	99.771	99.773	99.776	0.0014337	-0.003	-0.002	-0.001	0.0008165



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.775	99.775	0
301	0	Correlation	99.777	99.776	-0.001
302	0	Correlation	99.775	99.773	-0.002
303	3	Bias	99.776	99.774	-0.002
304	3	Bias	99.775	99.773	-0.002
305	3	Bias	99.775	99.774	-0.001
306	3	Bias	99.776	99.774	-0.002
307	3	Bias	99.776	99.774	-0.002
308	3	Unbiased	99.776	99.774	-0.002
309	3	Unbiased	99.772	99.773	0.001
310	3	Unbiased	99.772	99.773	0.001
311	3	Unbiased	99.775	99.776	0.001
312	3	Unbiased	99.774	99.776	0.002
313	10	Bias	99.771	99.773	0.002
314	10	Bias	99.771	99.772	0.001
315	10	Bias	99.77	99.77	0
316	10	Bias	99.77	99.772	0.002
317	10	Bias	99.771	99.772	0.001
318	10	Unbiased	99.772	99.773	0.001
319	10	Unbiased	99.771	99.772	0.001
320	10	Unbiased	99.771	99.773	0.002
321	10	Unbiased	99.772	99.773	0.001
322	10	Unbiased	99.77	99.772	0.002
323	30	Bias	99.772	99.774	0.002
324	30	Bias	99.771	99.772	0.001
325	30	Bias	99.77	99.772	0.002
326	30	Bias	99.773	99.775	0.002
327	30	Bias	99.77	99.771	0.001
328	30	Unbiased	99.772	99.773	0.001
329	30	Unbiased	99.771	99.773	0.002
330	30	Unbiased	99.772	99.772	0
331	30	Unbiased	99.772	99.773	0.001
332	30	Unbiased	99.773	99.773	0
333	50	Bias	99.772	99.773	0.001
334	50	Bias	99.771	99.772	0.001
335	50	Bias	99.773	99.775	0.002
336	50	Bias	99.773	99.774	0.001
337	50	Bias	99.769	99.771	0.002
338	50	Unbiased	99.772	99.774	0.002
339	50	Unbiased	99.776	99.773	-0.003
340	50	Unbiased	99.776	99.773	-0.003
341	50	Unbiased	99.776	99.773	-0.003
342	50	Unbiased	99.774	99.772	-0.002
343	100	Bias	99.777	99.774	-0.003
344	100	Bias	99.776	99.773	-0.003
345	100	Bias	99.776	99.773	-0.003
346	100	Bias	99.774	99.771	-0.003
347	100	Bias	99.776	99.773	-0.003
348	100	Unbiased	99.777	99.774	-0.003
349	100	Unbiased	99.776	99.772	-0.004
350	100	Unbiased	99.776	99.773	-0.003
351	100	Unbiased	99.774	99.771	-0.003
352	100	Unbiased	99.777	99.775	-0.002

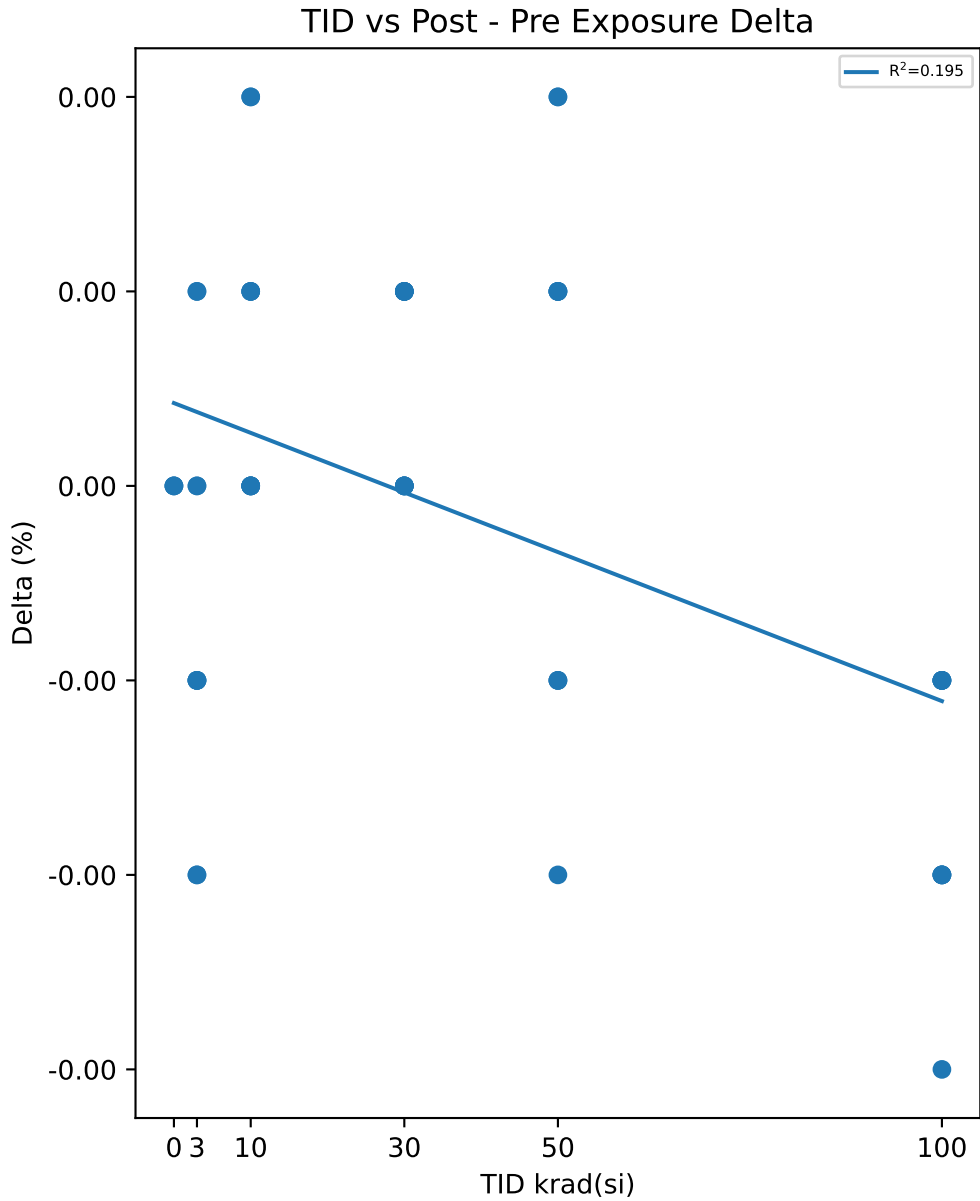
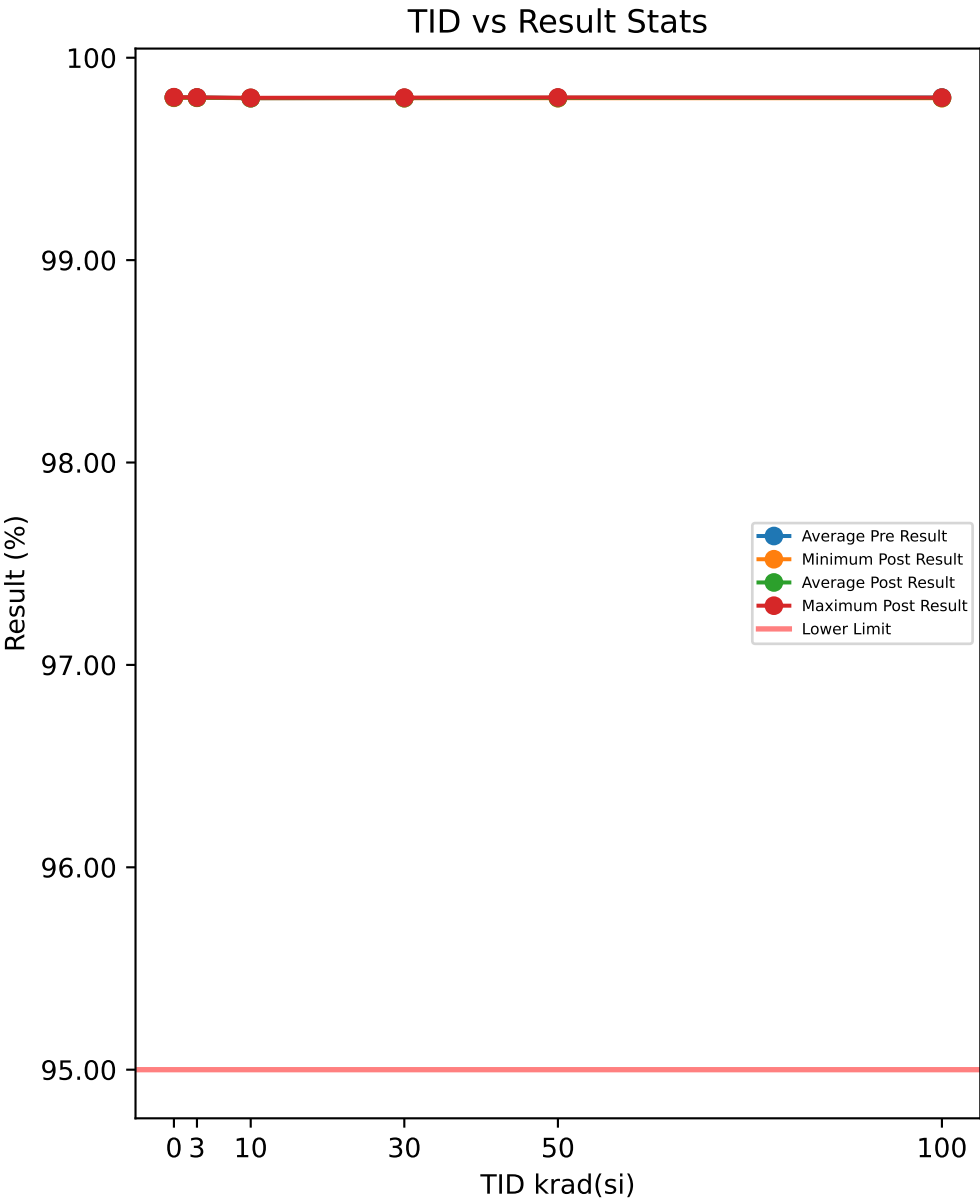
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.775	99.776	99.777	0.0011547	99.773	99.775	99.776	0.0015275	-0.002	-0.001	0	0.001
3	99.772	99.775	99.776	0.001567	99.773	99.774	99.776	0.0011005	-0.002	-0.0006	0.002	0.0016465
10	99.77	99.771	99.772	0.00073786	99.77	99.772	99.773	0.00091894	0	0.0013	0.002	0.00067495
30	99.77	99.772	99.773	0.001075	99.771	99.773	99.775	0.0011353	0	0.0012	0.002	0.00078881
50	99.769	99.773	99.776	0.0023476	99.771	99.773	99.775	0.0011547	-0.003	-0.0002	0.002	0.0022509
100	99.774	99.776	99.777	0.0011005	99.771	99.773	99.775	0.0012867	-0.004	-0.003	-0.002	0.0004714



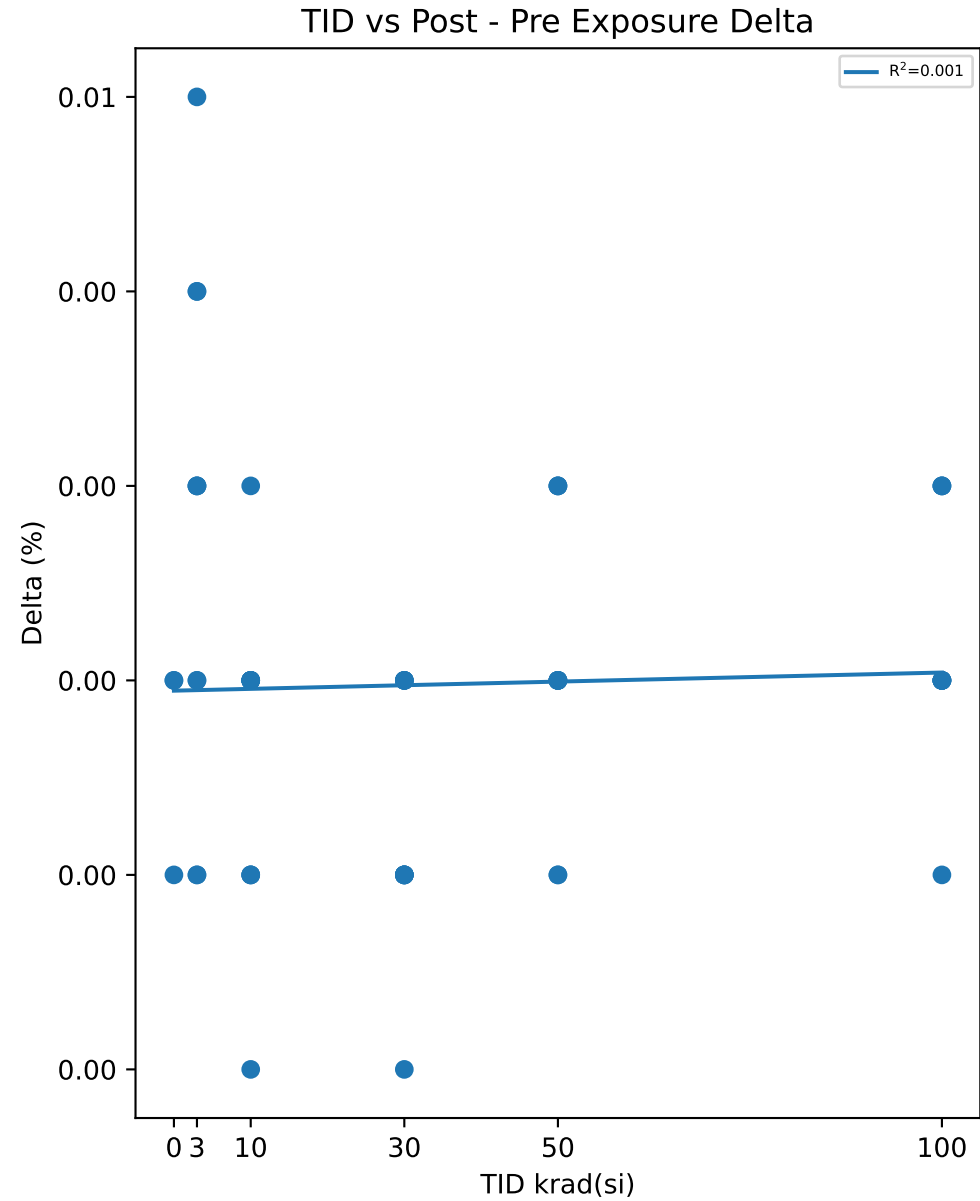
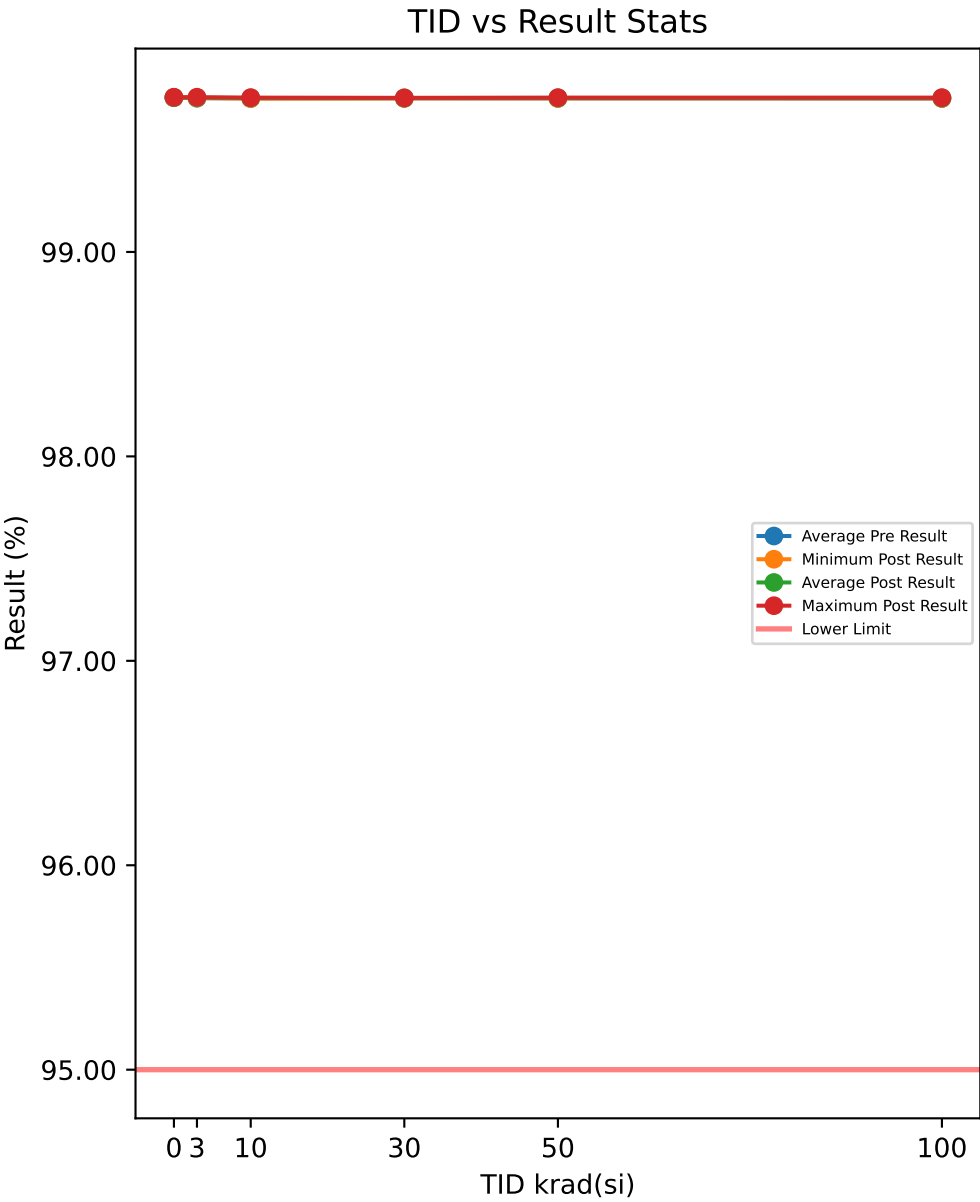
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.786	99.788	0.002
301	0	Correlation	99.788	99.789	0.001
302	0	Correlation	99.786	99.787	0.001
303	3	Bias	99.786	99.789	0.003
304	3	Bias	99.784	99.787	0.003
305	3	Bias	99.785	99.788	0.003
306	3	Bias	99.784	99.786	0.002
307	3	Bias	99.785	99.788	0.003
308	3	Unbiased	99.785	99.787	0.002
309	3	Unbiased	99.786	99.786	0
310	3	Unbiased	99.787	99.786	-0.001
311	3	Unbiased	99.788	99.788	0
312	3	Unbiased	99.788	99.788	0
313	10	Bias	99.786	99.786	0
314	10	Bias	99.785	99.786	0.001
315	10	Bias	99.784	99.784	0
316	10	Bias	99.785	99.785	0
317	10	Bias	99.785	99.785	0
318	10	Unbiased	99.786	99.787	0.001
319	10	Unbiased	99.784	99.786	0.002
320	10	Unbiased	99.784	99.785	0.001
321	10	Unbiased	99.785	99.785	0
322	10	Unbiased	99.784	99.785	0.001
323	30	Bias	99.787	99.787	0
324	30	Bias	99.785	99.785	0
325	30	Bias	99.784	99.786	0.002
326	30	Bias	99.787	99.787	0
327	30	Bias	99.784	99.784	0
328	30	Unbiased	99.786	99.786	0
329	30	Unbiased	99.786	99.786	0
330	30	Unbiased	99.786	99.787	0.001
331	30	Unbiased	99.786	99.786	0
332	30	Unbiased	99.787	99.786	-0.001
333	50	Bias	99.786	99.787	0.001
334	50	Bias	99.784	99.785	0.001
335	50	Bias	99.786	99.787	0.001
336	50	Bias	99.788	99.788	0
337	50	Bias	99.783	99.784	0.001
338	50	Unbiased	99.785	99.787	0.002
339	50	Unbiased	99.784	99.786	0.002
340	50	Unbiased	99.784	99.786	0.002
341	50	Unbiased	99.785	99.788	0.003
342	50	Unbiased	99.782	99.785	0.003
343	100	Bias	99.785	99.787	0.002
344	100	Bias	99.784	99.787	0.003
345	100	Bias	99.784	99.787	0.003
346	100	Bias	99.782	99.785	0.003
347	100	Bias	99.784	99.786	0.002
348	100	Unbiased	99.785	99.787	0.002
349	100	Unbiased	99.783	99.784	0.001
350	100	Unbiased	99.784	99.787	0.003
351	100	Unbiased	99.782	99.784	0.002
352	100	Unbiased	99.786	99.788	0.002

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.786	99.787	99.788	0.0011547	99.787	99.788	99.789	0.001	0.001	0.0013333	0.002	0.00057735
3	99.784	99.786	99.788	0.0014757	99.786	99.787	99.789	0.0010593	-0.001	0.0015	0.003	0.0015811
10	99.784	99.785	99.786	0.00078881	99.784	99.785	99.787	0.00084327	0	0.0006	0.002	0.00069921
30	99.784	99.786	99.787	0.0011353	99.784	99.786	99.787	0.00094281	-0.001	0.0002	0.002	0.00078881
50	99.782	99.785	99.788	0.0017029	99.784	99.786	99.788	0.0013375	0	0.0016	0.003	0.00096609
100	99.782	99.784	99.786	0.0012867	99.784	99.786	99.788	0.0013984	0.001	0.0023	0.003	0.00067495



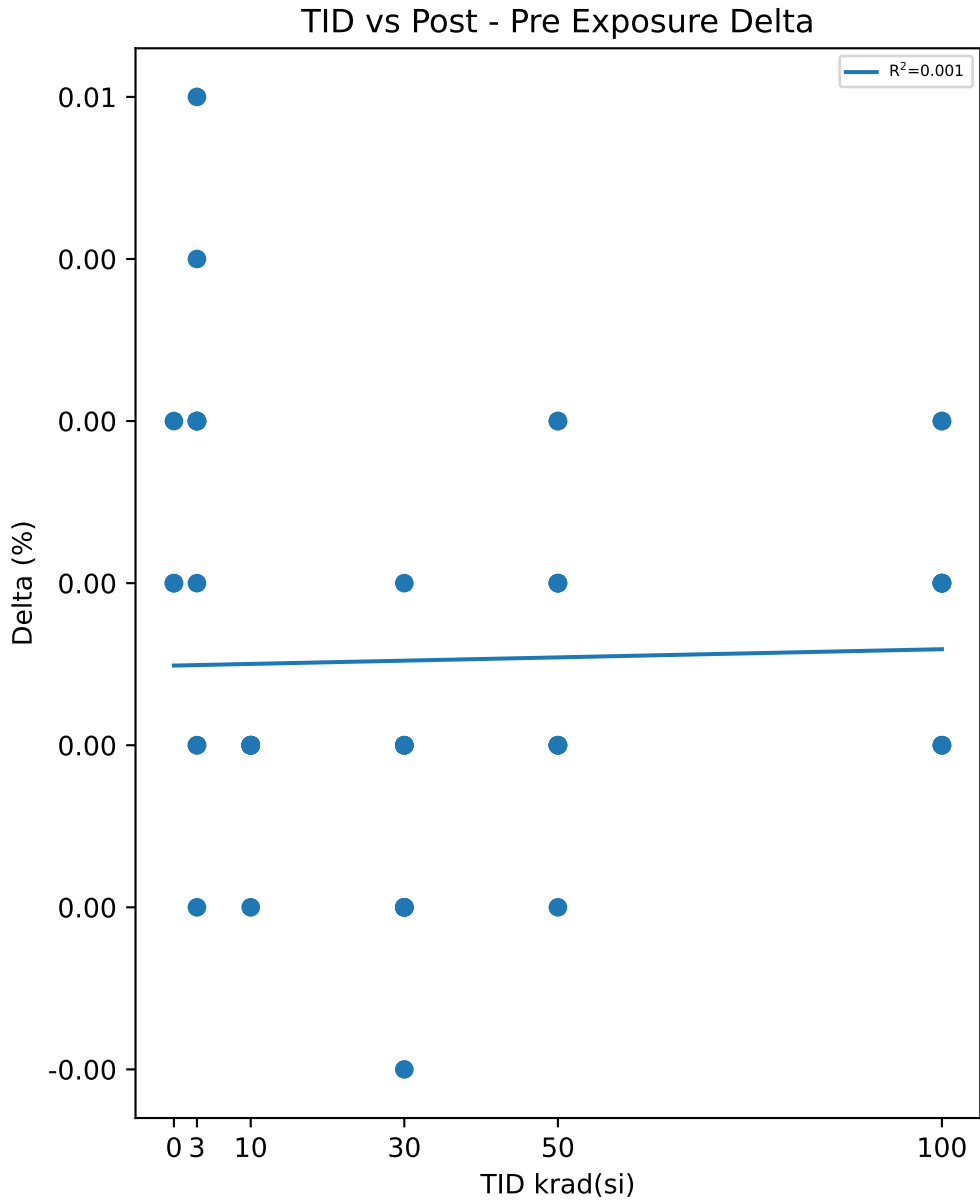
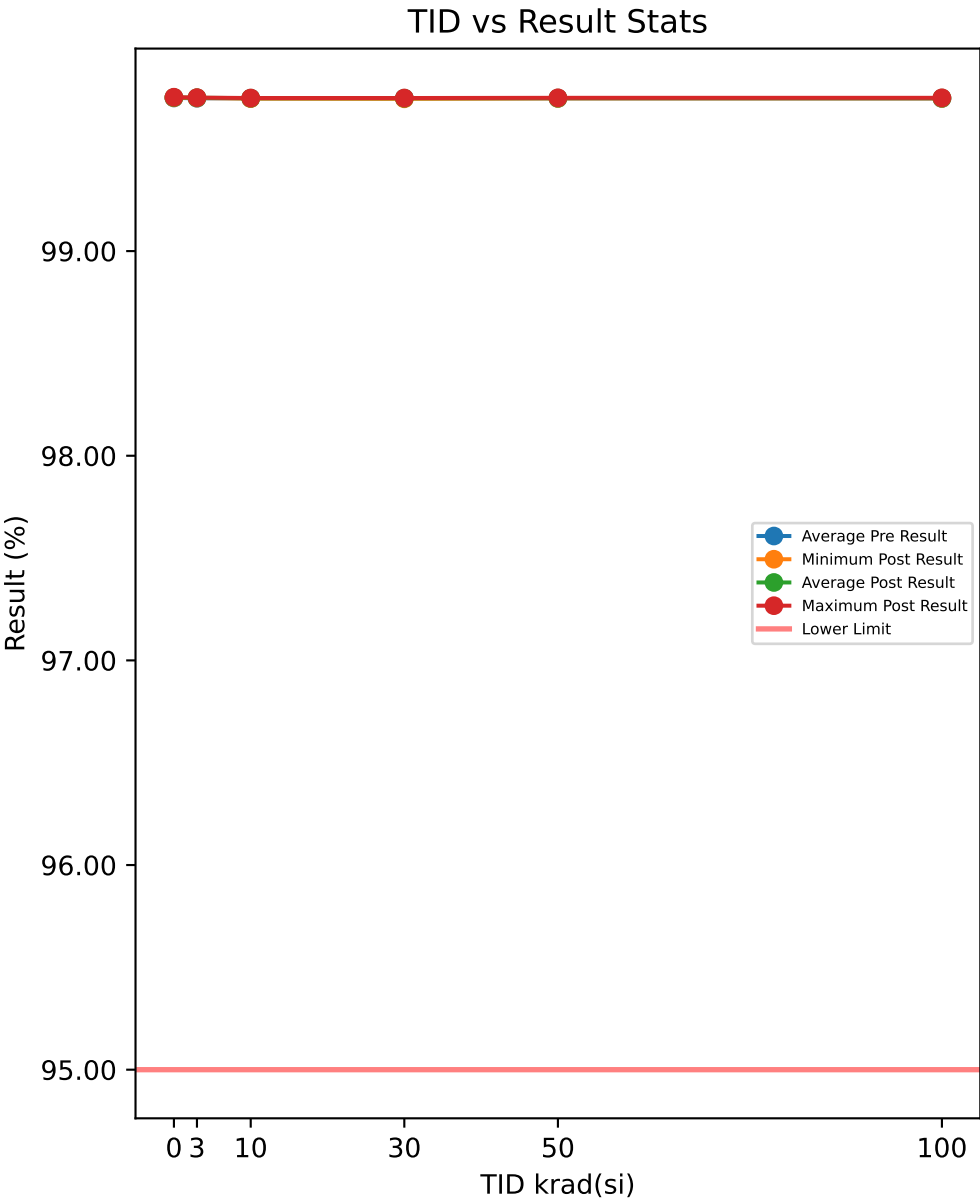
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.804	99.804	0
301	0	Correlation	99.805	99.805	0
302	0	Correlation	99.802	99.802	0
303	3	Bias	99.804	99.803	-0.001
304	3	Bias	99.803	99.802	-0.001
305	3	Bias	99.804	99.803	-0.001
306	3	Bias	99.804	99.802	-0.002
307	3	Bias	99.803	99.802	-0.001
308	3	Unbiased	99.804	99.802	-0.002
309	3	Unbiased	99.801	99.802	0.001
310	3	Unbiased	99.802	99.802	0
311	3	Unbiased	99.803	99.803	0
312	3	Unbiased	99.803	99.804	0.001
313	10	Bias	99.802	99.802	0
314	10	Bias	99.801	99.801	0
315	10	Bias	99.799	99.8	0.001
316	10	Bias	99.8	99.801	0.001
317	10	Bias	99.8	99.8	0
318	10	Unbiased	99.802	99.802	0
319	10	Unbiased	99.799	99.801	0.002
320	10	Unbiased	99.799	99.801	0.002
321	10	Unbiased	99.8	99.8	0
322	10	Unbiased	99.799	99.8	0.001
323	30	Bias	99.802	99.802	0
324	30	Bias	99.8	99.801	0.001
325	30	Bias	99.799	99.8	0.001
326	30	Bias	99.802	99.803	0.001
327	30	Bias	99.8	99.8	0
328	30	Unbiased	99.801	99.801	0
329	30	Unbiased	99.801	99.801	0
330	30	Unbiased	99.801	99.802	0.001
331	30	Unbiased	99.8	99.801	0.001
332	30	Unbiased	99.801	99.801	0
333	50	Bias	99.802	99.803	0.001
334	50	Bias	99.798	99.8	0.002
335	50	Bias	99.801	99.802	0.001
336	50	Bias	99.803	99.804	0.001
337	50	Bias	99.798	99.8	0.002
338	50	Unbiased	99.801	99.802	0.001
339	50	Unbiased	99.803	99.802	-0.001
340	50	Unbiased	99.803	99.801	-0.002
341	50	Unbiased	99.803	99.802	-0.001
342	50	Unbiased	99.802	99.801	-0.001
343	100	Bias	99.804	99.803	-0.001
344	100	Bias	99.803	99.802	-0.001
345	100	Bias	99.803	99.802	-0.001
346	100	Bias	99.801	99.8	-0.001
347	100	Bias	99.804	99.802	-0.002
348	100	Unbiased	99.805	99.802	-0.003
349	100	Unbiased	99.802	99.8	-0.002
350	100	Unbiased	99.803	99.802	-0.001
351	100	Unbiased	99.802	99.8	-0.002
352	100	Unbiased	99.805	99.803	-0.002

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.802	99.804	99.805	0.0015275	99.802	99.804	99.805	0.0015275	0	0	0	0
3	99.801	99.803	99.804	0.00099443	99.802	99.803	99.804	0.00070711	-0.002	-0.0006	0.001	0.001075
10	99.799	99.8	99.802	0.0011972	99.8	99.801	99.802	0.00078881	0	0.0007	0.002	0.00082327
30	99.799	99.801	99.802	0.00094868	99.8	99.801	99.803	0.00091894	0	0.0005	0.001	0.00052705
50	99.798	99.801	99.803	0.0019551	99.8	99.802	99.804	0.0012517	-0.002	0.0003	0.002	0.0014181
100	99.801	99.803	99.805	0.0013166	99.8	99.802	99.803	0.0011738	-0.003	-0.0016	-0.001	0.00069921



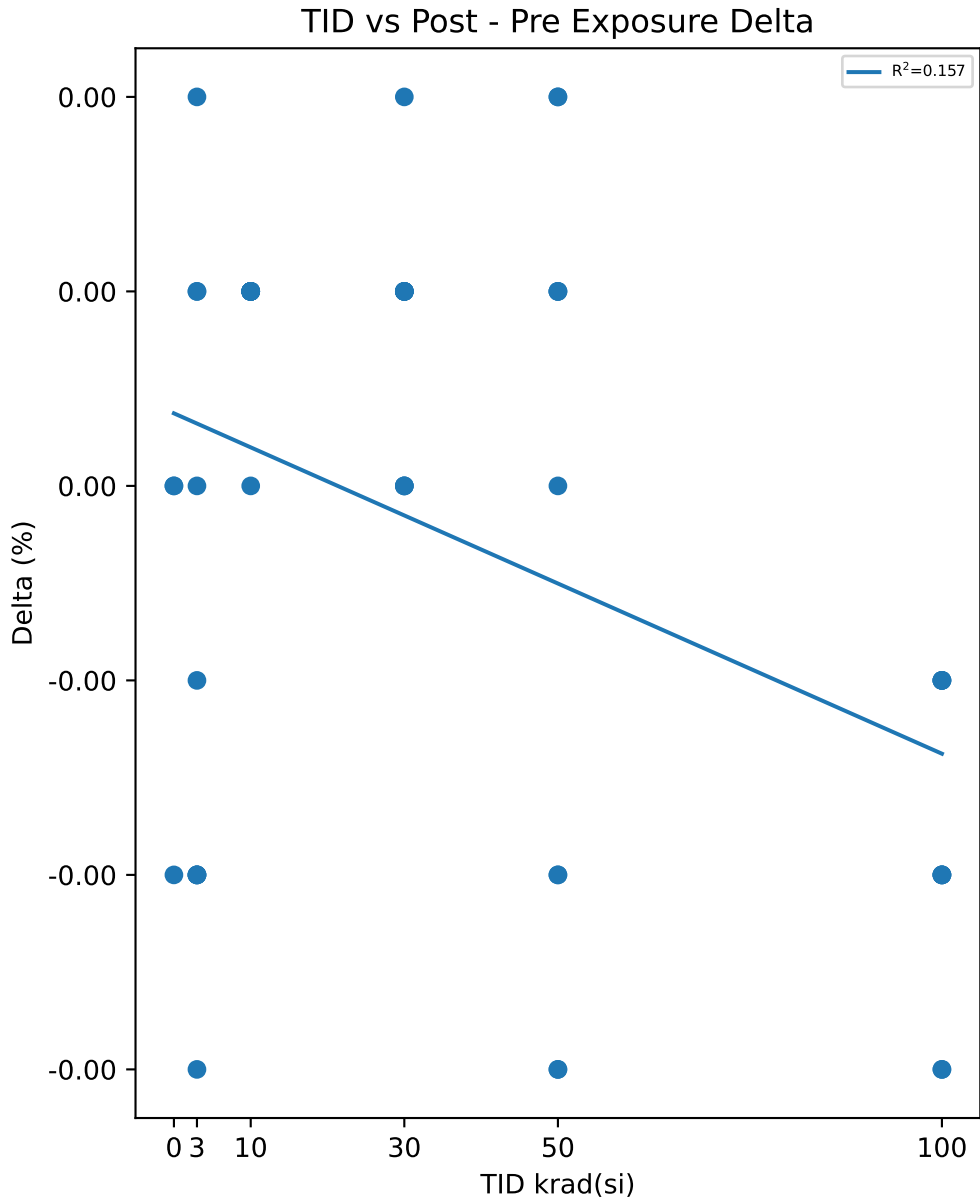
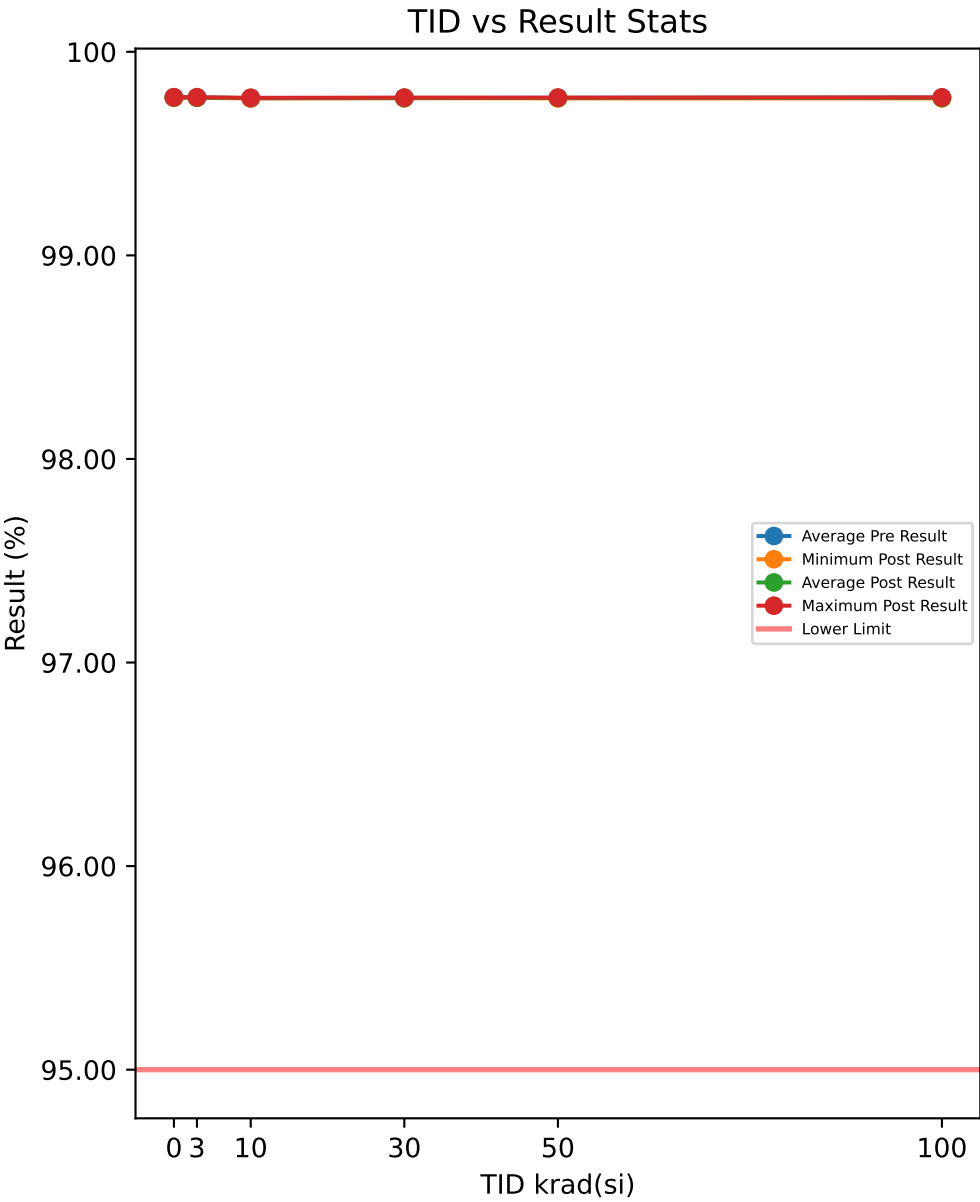
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.754	99.756	0.002
301	0	Correlation	99.755	99.757	0.002
302	0	Correlation	99.754	99.755	0.001
303	3	Bias	99.752	99.756	0.004
304	3	Bias	99.751	99.753	0.002
305	3	Bias	99.751	99.755	0.004
306	3	Bias	99.752	99.755	0.003
307	3	Bias	99.75	99.755	0.005
308	3	Unbiased	99.751	99.754	0.003
309	3	Unbiased	99.753	99.754	0.001
310	3	Unbiased	99.753	99.754	0.001
311	3	Unbiased	99.754	99.757	0.003
312	3	Unbiased	99.754	99.756	0.002
313	10	Bias	99.752	99.755	0.003
314	10	Bias	99.752	99.754	0.002
315	10	Bias	99.752	99.752	0
316	10	Bias	99.749	99.75	0.001
317	10	Bias	99.752	99.753	0.001
318	10	Unbiased	99.752	99.754	0.002
319	10	Unbiased	99.752	99.754	0.002
320	10	Unbiased	99.751	99.753	0.002
321	10	Unbiased	99.752	99.753	0.001
322	10	Unbiased	99.75	99.752	0.002
323	30	Bias	99.752	99.754	0.002
324	30	Bias	99.753	99.753	0
325	30	Bias	99.75	99.752	0.002
326	30	Bias	99.752	99.754	0.002
327	30	Bias	99.75	99.751	0.001
328	30	Unbiased	99.753	99.754	0.001
329	30	Unbiased	99.751	99.752	0.001
330	30	Unbiased	99.752	99.753	0.001
331	30	Unbiased	99.752	99.753	0.001
332	30	Unbiased	99.751	99.753	0.002
333	50	Bias	99.752	99.753	0.001
334	50	Bias	99.75	99.751	0.001
335	50	Bias	99.753	99.755	0.002
336	50	Bias	99.753	99.755	0.002
337	50	Bias	99.75	99.752	0.002
338	50	Unbiased	99.75	99.753	0.003
339	50	Unbiased	99.753	99.755	0.002
340	50	Unbiased	99.75	99.752	0.002
341	50	Unbiased	99.751	99.754	0.003
342	50	Unbiased	99.75	99.753	0.003
343	100	Bias	99.752	99.754	0.002
344	100	Bias	99.751	99.754	0.003
345	100	Bias	99.75	99.753	0.003
346	100	Bias	99.749	99.752	0.003
347	100	Bias	99.751	99.753	0.002
348	100	Unbiased	99.751	99.753	0.002
349	100	Unbiased	99.749	99.751	0.002
350	100	Unbiased	99.751	99.753	0.002
351	100	Unbiased	99.75	99.751	0.001
352	100	Unbiased	99.753	99.755	0.002

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.754	99.754	99.755	0.00057735	99.755	99.756	99.757	0.001	0.001	0.0016667	0.002	0.00057735
3	99.75	99.752	99.754	0.0013703	99.753	99.755	99.757	0.0011972	0.001	0.0028	0.005	0.0013166
10	99.749	99.751	99.752	0.001075	99.75	99.753	99.755	0.0014142	0	0.0016	0.003	0.00084327
30	99.75	99.752	99.753	0.001075	99.751	99.753	99.754	0.00099443	0	0.0013	0.002	0.00067495
50	99.75	99.751	99.753	0.0013984	99.751	99.753	99.755	0.0014181	0.001	0.0021	0.003	0.00073786
100	99.749	99.751	99.753	0.0012517	99.751	99.753	99.755	0.0012867	0.001	0.0022	0.003	0.00063246



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.749	99.751	0.002
301	0	Correlation	99.749	99.752	0.003
302	0	Correlation	99.747	99.749	0.002
303	3	Bias	99.746	99.749	0.003
304	3	Bias	99.745	99.749	0.004
305	3	Bias	99.746	99.749	0.003
306	3	Bias	99.747	99.75	0.003
307	3	Bias	99.745	99.75	0.005
308	3	Unbiased	99.745	99.748	0.003
309	3	Unbiased	99.748	99.749	0.001
310	3	Unbiased	99.749	99.749	0
311	3	Unbiased	99.748	99.75	0.002
312	3	Unbiased	99.749	99.75	0.001
313	10	Bias	99.747	99.748	0.001
314	10	Bias	99.747	99.748	0.001
315	10	Bias	99.746	99.747	0.001
316	10	Bias	99.745	99.745	0
317	10	Bias	99.746	99.747	0.001
318	10	Unbiased	99.747	99.748	0.001
319	10	Unbiased	99.747	99.748	0.001
320	10	Unbiased	99.746	99.747	0.001
321	10	Unbiased	99.747	99.748	0.001
322	10	Unbiased	99.745	99.746	0.001
323	30	Bias	99.747	99.748	0.001
324	30	Bias	99.746	99.747	0.001
325	30	Bias	99.745	99.746	0.001
326	30	Bias	99.747	99.748	0.001
327	30	Bias	99.744	99.744	0
328	30	Unbiased	99.748	99.748	0
329	30	Unbiased	99.748	99.747	-0.001
330	30	Unbiased	99.747	99.747	0
331	30	Unbiased	99.748	99.748	0
332	30	Unbiased	99.746	99.748	0.002
333	50	Bias	99.746	99.747	0.001
334	50	Bias	99.747	99.747	0
335	50	Bias	99.748	99.749	0.001
336	50	Bias	99.748	99.749	0.001
337	50	Bias	99.746	99.747	0.001
338	50	Unbiased	99.745	99.747	0.002
339	50	Unbiased	99.747	99.749	0.002
340	50	Unbiased	99.744	99.746	0.002
341	50	Unbiased	99.746	99.749	0.003
342	50	Unbiased	99.744	99.747	0.003
343	100	Bias	99.746	99.748	0.002
344	100	Bias	99.746	99.749	0.003
345	100	Bias	99.746	99.748	0.002
346	100	Bias	99.745	99.746	0.001
347	100	Bias	99.746	99.748	0.002
348	100	Unbiased	99.746	99.748	0.002
349	100	Unbiased	99.743	99.746	0.003
350	100	Unbiased	99.746	99.748	0.002
351	100	Unbiased	99.745	99.746	0.001
352	100	Unbiased	99.748	99.749	0.001

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.747	99.748	99.749	0.0011547	99.749	99.751	99.752	0.0015275	0.002	0.0023333	0.003	0.00057735
3	99.745	99.747	99.749	0.0016193	99.748	99.749	99.75	0.00067495	0	0.0025	0.005	0.0015092
10	99.745	99.746	99.747	0.00082327	99.745	99.747	99.748	0.0010328	0	0.0009	0.001	0.00031623
30	99.744	99.747	99.748	0.0013499	99.744	99.747	99.748	0.0012867	-0.001	0.0005	0.002	0.00084984
50	99.744	99.746	99.748	0.0014491	99.746	99.748	99.749	0.0011595	0	0.0016	0.003	0.00096609
100	99.743	99.746	99.748	0.0012517	99.746	99.748	99.749	0.0011738	0.001	0.0019	0.003	0.00073786

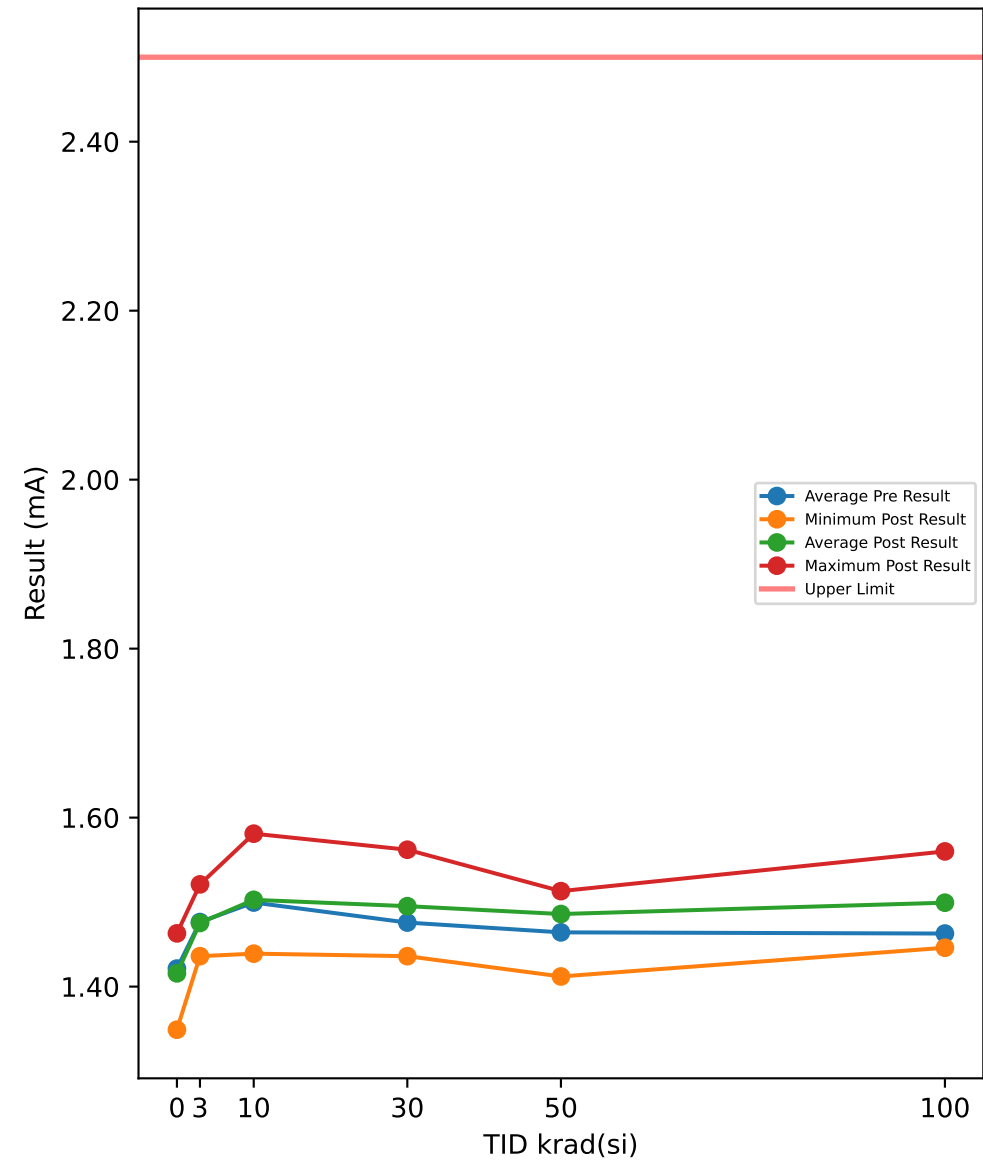


Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.776	99.776	0
301	0	Correlation	99.779	99.777	-0.002
302	0	Correlation	99.774	99.774	0
303	3	Bias	99.777	99.775	-0.002
304	3	Bias	99.776	99.774	-0.002
305	3	Bias	99.776	99.775	-0.001
306	3	Bias	99.777	99.774	-0.003
307	3	Bias	99.776	99.774	-0.002
308	3	Unbiased	99.776	99.774	-0.002
309	3	Unbiased	99.773	99.774	0.001
310	3	Unbiased	99.773	99.774	0.001
311	3	Unbiased	99.775	99.777	0.002
312	3	Unbiased	99.776	99.776	0
313	10	Bias	99.773	99.774	0.001
314	10	Bias	99.772	99.773	0.001
315	10	Bias	99.77	99.771	0.001
316	10	Bias	99.772	99.773	0.001
317	10	Bias	99.771	99.772	0.001
318	10	Unbiased	99.772	99.773	0.001
319	10	Unbiased	99.773	99.774	0.001
320	10	Unbiased	99.772	99.773	0.001
321	10	Unbiased	99.772	99.773	0.001
322	10	Unbiased	99.773	99.773	0
323	30	Bias	99.772	99.773	0.001
324	30	Bias	99.772	99.773	0.001
325	30	Bias	99.77	99.772	0.002
326	30	Bias	99.774	99.775	0.001
327	30	Bias	99.773	99.773	0
328	30	Unbiased	99.773	99.773	0
329	30	Unbiased	99.773	99.774	0.001
330	30	Unbiased	99.772	99.773	0.001
331	30	Unbiased	99.773	99.774	0.001
332	30	Unbiased	99.773	99.773	0
333	50	Bias	99.773	99.774	0.001
334	50	Bias	99.771	99.772	0.001
335	50	Bias	99.773	99.775	0.002
336	50	Bias	99.774	99.774	0
337	50	Bias	99.77	99.771	0.001
338	50	Unbiased	99.772	99.774	0.002
339	50	Unbiased	99.776	99.774	-0.002
340	50	Unbiased	99.775	99.772	-0.003
341	50	Unbiased	99.777	99.775	-0.002
342	50	Unbiased	99.776	99.773	-0.003
343	100	Bias	99.776	99.774	-0.002
344	100	Bias	99.776	99.773	-0.003
345	100	Bias	99.776	99.775	-0.001
346	100	Bias	99.773	99.772	-0.001
347	100	Bias	99.775	99.773	-0.002
348	100	Unbiased	99.777	99.774	-0.003
349	100	Unbiased	99.775	99.773	-0.002
350	100	Unbiased	99.775	99.774	-0.001
351	100	Unbiased	99.773	99.771	-0.002
352	100	Unbiased	99.777	99.776	-0.001

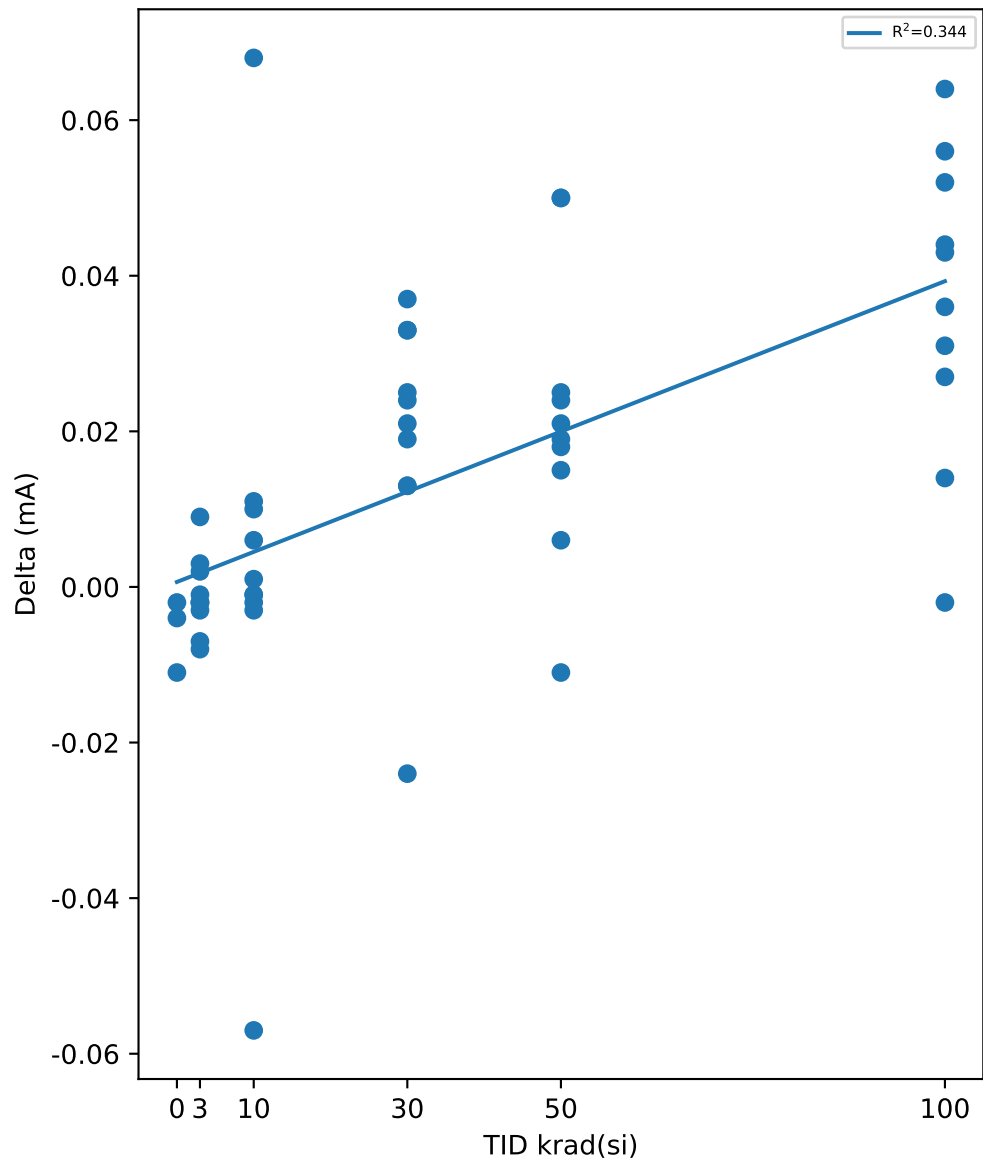
Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.774	99.776	99.779	0.0025166	99.774	99.776	99.777	0.0015275	-0.002	-0.00066667	0	0.0011547
3	99.773	99.775	99.777	0.0014337	99.774	99.775	99.777	0.0010593	-0.003	-0.0008	0.002	0.0016865
10	99.77	99.772	99.773	0.00094281	99.771	99.773	99.774	0.0008756	0	0.0009	0.001	0.00031623
30	99.77	99.773	99.774	0.0010801	99.772	99.773	99.775	0.00082327	0	0.0008	0.002	0.00063246
50	99.77	99.774	99.777	0.0023118	99.771	99.773	99.775	0.0013499	-0.003	-0.0003	0.002	0.0020028
100	99.773	99.775	99.777	0.0014181	99.771	99.773	99.776	0.0014337	-0.003	-0.0018	-0.001	0.00078881

Device Test: 6.6 ; IQ

TID vs Result Stats



TID vs Post - Pre Exposure Delta

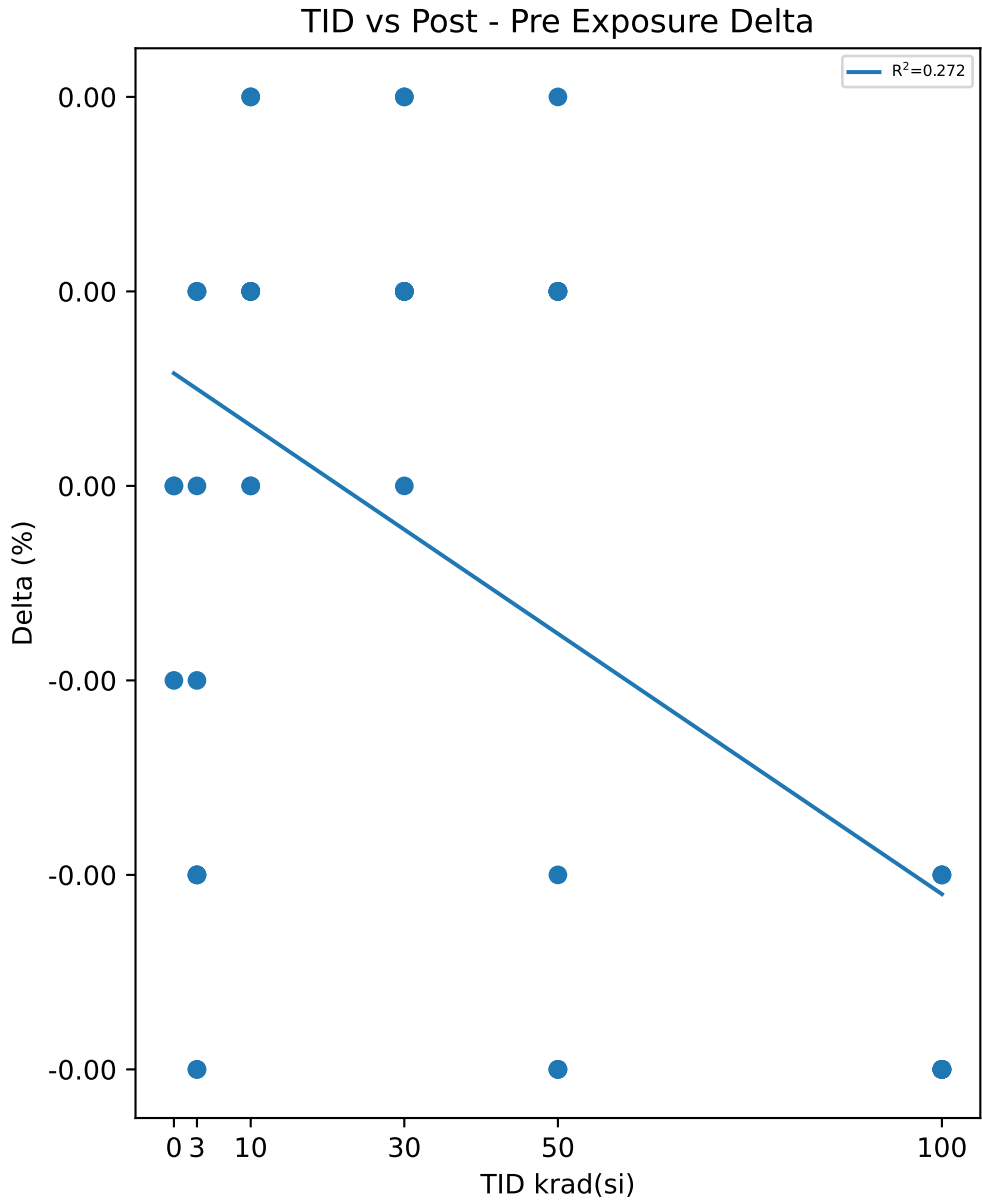
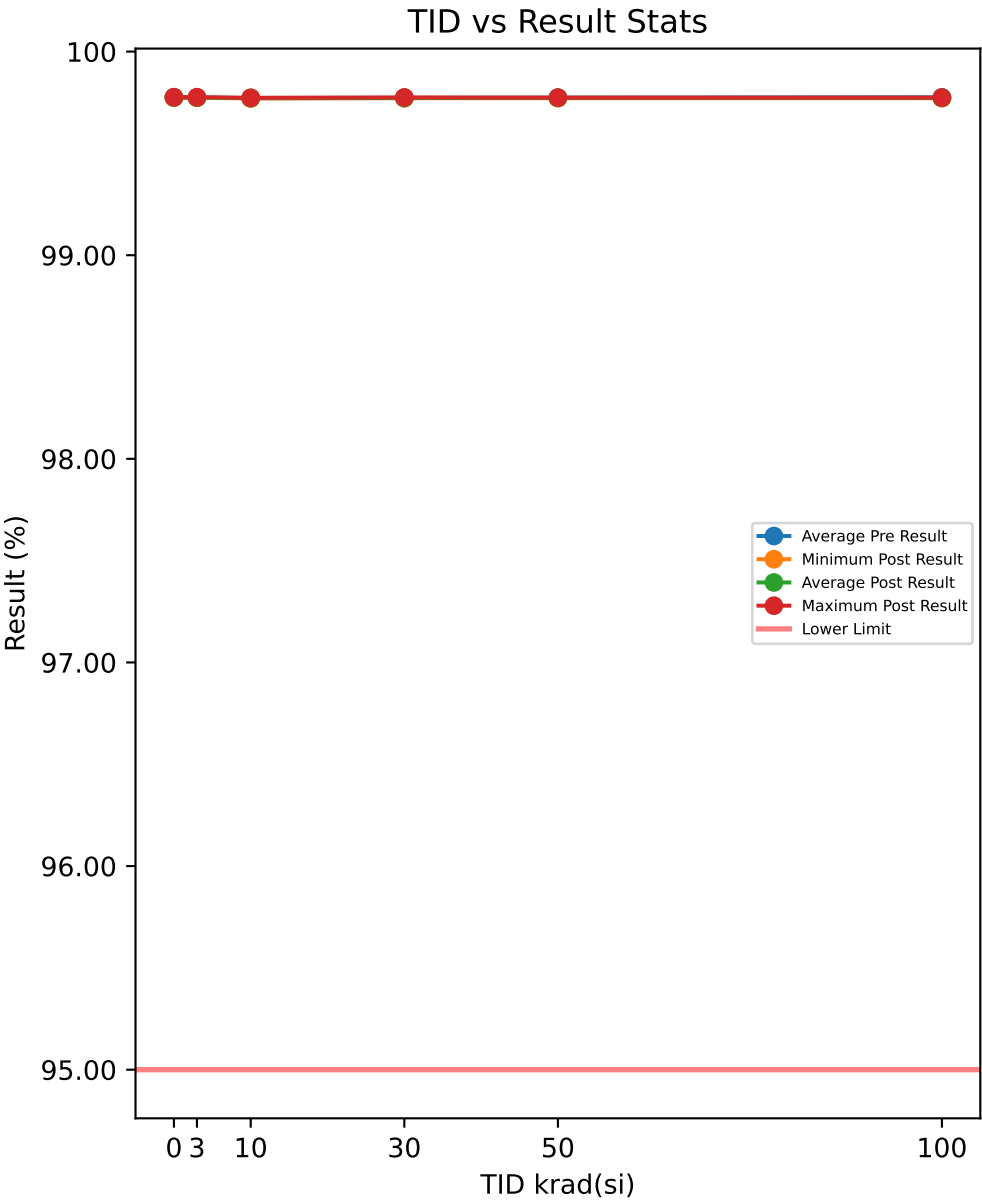


Test Results (Upper Limit = 2.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.474	1.463	-0.011
301	0	Correlation	1.353	1.349	-0.004
302	0	Correlation	1.437	1.435	-0.002
303	3	Bias	1.471	1.474	0.003
304	3	Bias	1.502	1.494	-0.008
305	3	Bias	1.528	1.521	-0.007
306	3	Bias	1.453	1.45	-0.003
307	3	Bias	1.502	1.5	-0.002
308	3	Unbiased	1.5	1.498	-0.002
309	3	Unbiased	1.437	1.436	-0.001
310	3	Unbiased	1.457	1.459	0.002
311	3	Unbiased	1.454	1.452	-0.002
312	3	Unbiased	1.46	1.469	0.009
313	10	Bias	1.429	1.439	0.01
314	10	Bias	1.529	1.528	-0.001
315	10	Bias	1.568	1.579	0.011
316	10	Bias	1.452	1.45	-0.002
317	10	Bias	1.46	1.457	-0.003
318	10	Unbiased	1.49	1.491	0.001
319	10	Unbiased	1.575	1.581	0.006
320	10	Unbiased	1.467	1.535	0.068
321	10	Unbiased	1.53	1.473	-0.057
322	10	Unbiased	1.495	1.494	-0.001
323	30	Bias	1.441	1.474	0.033
324	30	Bias	1.46	1.436	-0.024
325	30	Bias	1.512	1.533	0.021
326	30	Bias	1.543	1.562	0.019
327	30	Bias	1.503	1.516	0.013
328	30	Unbiased	1.477	1.502	0.025
329	30	Unbiased	1.427	1.464	0.037
330	30	Unbiased	1.429	1.462	0.033
331	30	Unbiased	1.452	1.476	0.024
332	30	Unbiased	1.514	1.527	0.013
333	50	Bias	1.482	1.5	0.018
334	50	Bias	1.496	1.511	0.015
335	50	Bias	1.438	1.488	0.05
336	50	Bias	1.486	1.492	0.006
337	50	Bias	1.48	1.504	0.024
338	50	Unbiased	1.458	1.483	0.025
339	50	Unbiased	1.393	1.412	0.019
340	50	Unbiased	1.463	1.513	0.05
341	50	Unbiased	1.502	1.491	-0.011
342	50	Unbiased	1.444	1.465	0.021
343	100	Bias	1.478	1.505	0.027
344	100	Bias	1.516	1.56	0.044
345	100	Bias	1.448	1.446	-0.002
346	100	Bias	1.449	1.513	0.064
347	100	Bias	1.491	1.505	0.014
348	100	Unbiased	1.441	1.497	0.056
349	100	Unbiased	1.471	1.502	0.031
350	100	Unbiased	1.422	1.458	0.036
351	100	Unbiased	1.499	1.551	0.052
352	100	Unbiased	1.413	1.456	0.043

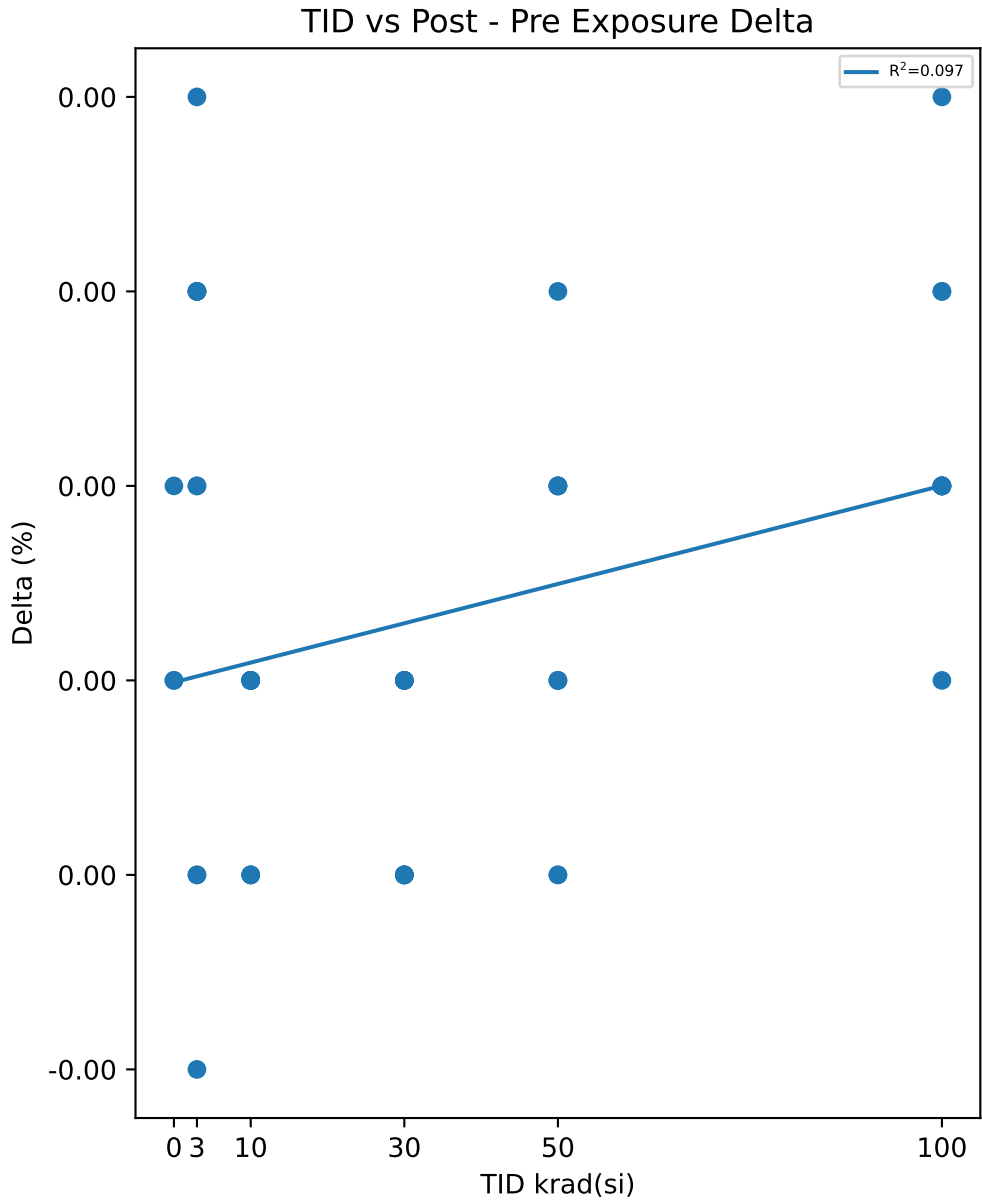
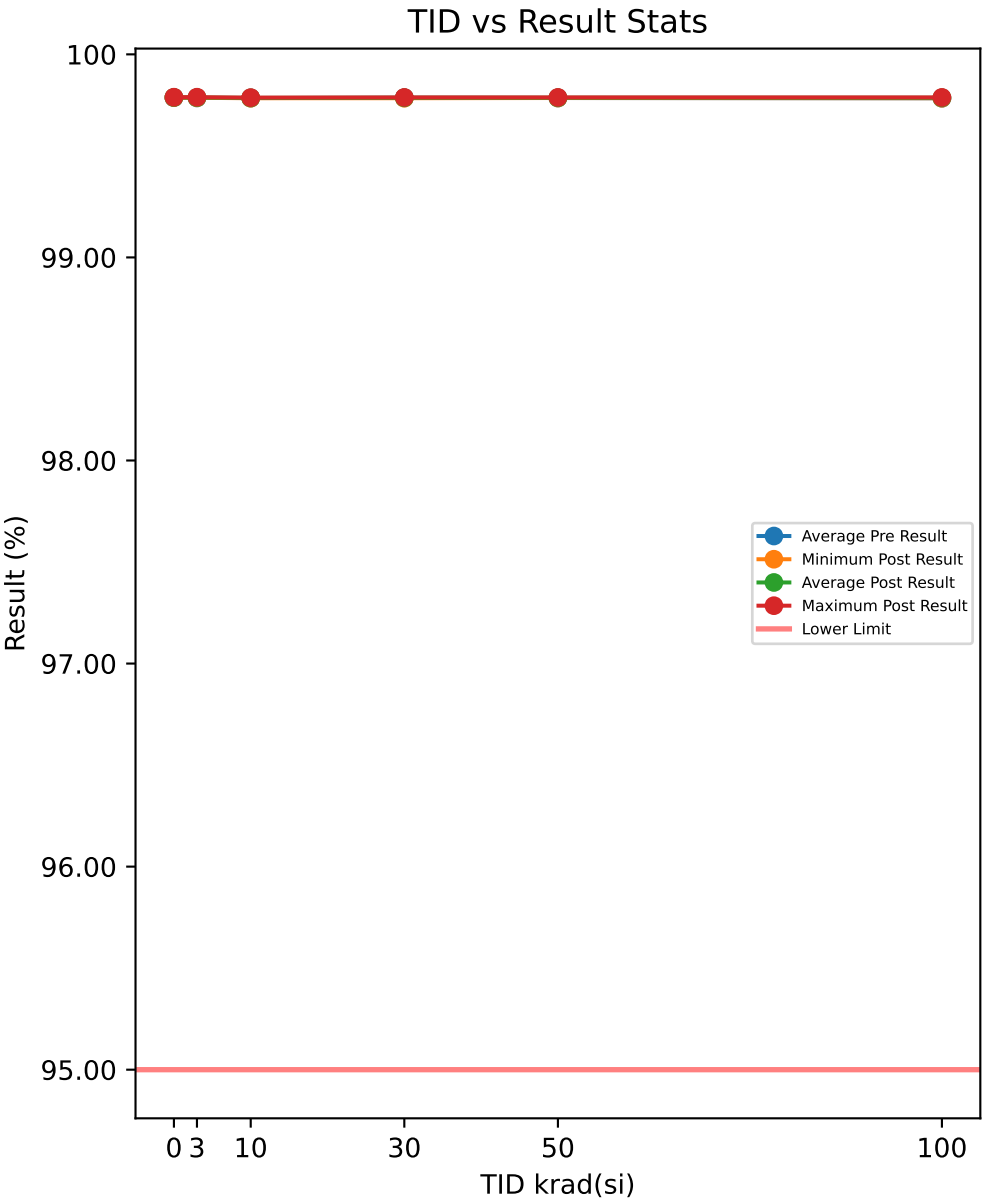
Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.353	1.4213	1.474	0.062003	1.349	1.4157	1.463	0.059408	-0.011	-0.0056667	-0.002	0.0047258
3	1.437	1.4764	1.528	0.029451	1.436	1.4753	1.521	0.027076	-0.008	-0.0011	0.009	0.0049092
10	1.429	1.4995	1.575	0.049606	1.439	1.5027	1.581	0.051266	-0.057	0.0032	0.068	0.029895
30	1.427	1.4758	1.543	0.040312	1.436	1.4952	1.562	0.039129	-0.024	0.0194	0.037	0.017322
50	1.393	1.4642	1.502	0.032805	1.412	1.4859	1.513	0.029561	-0.011	0.0217	0.05	0.018258
100	1.413	1.4628	1.516	0.03377	1.446	1.4993	1.56	0.03807	-0.002	0.0365	0.064	0.019957



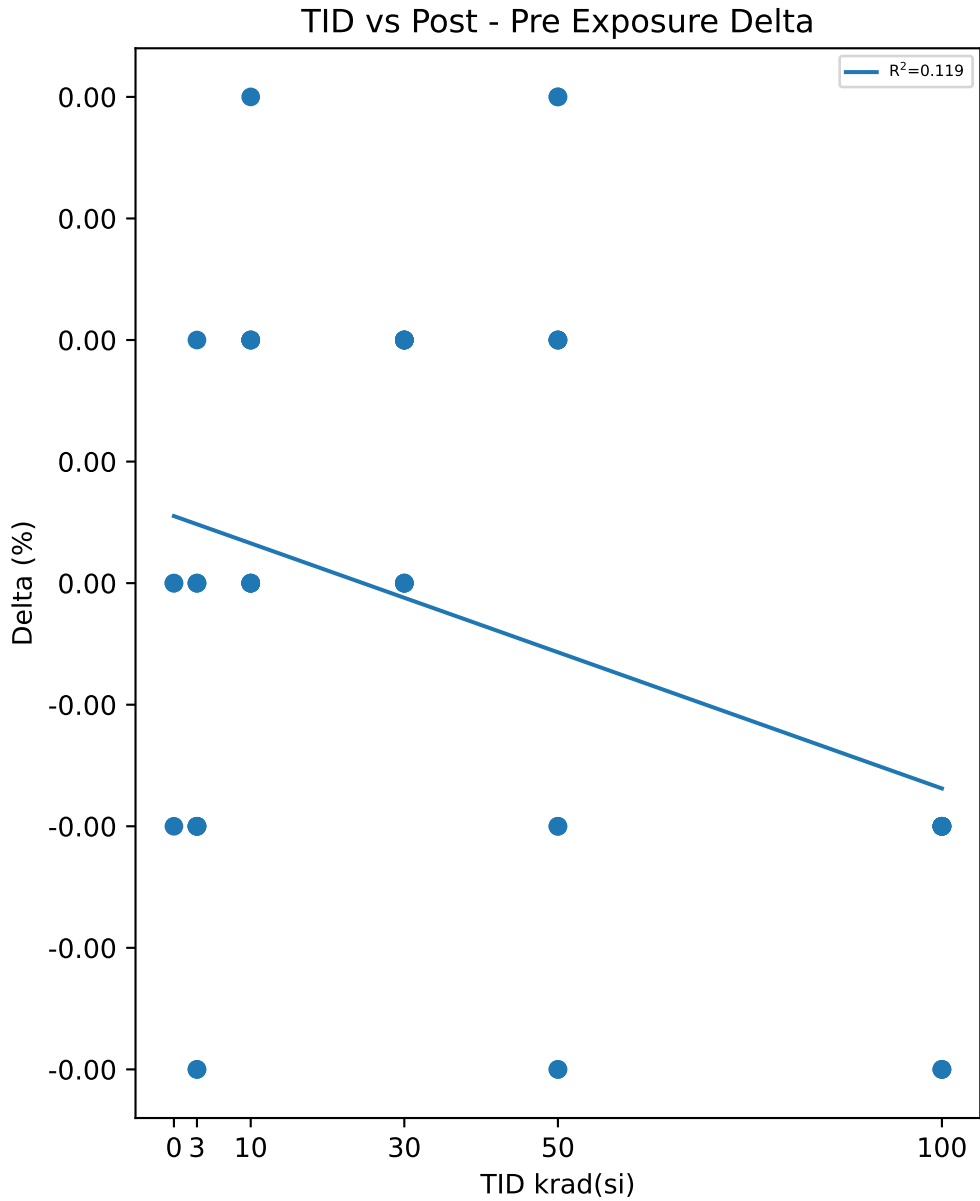
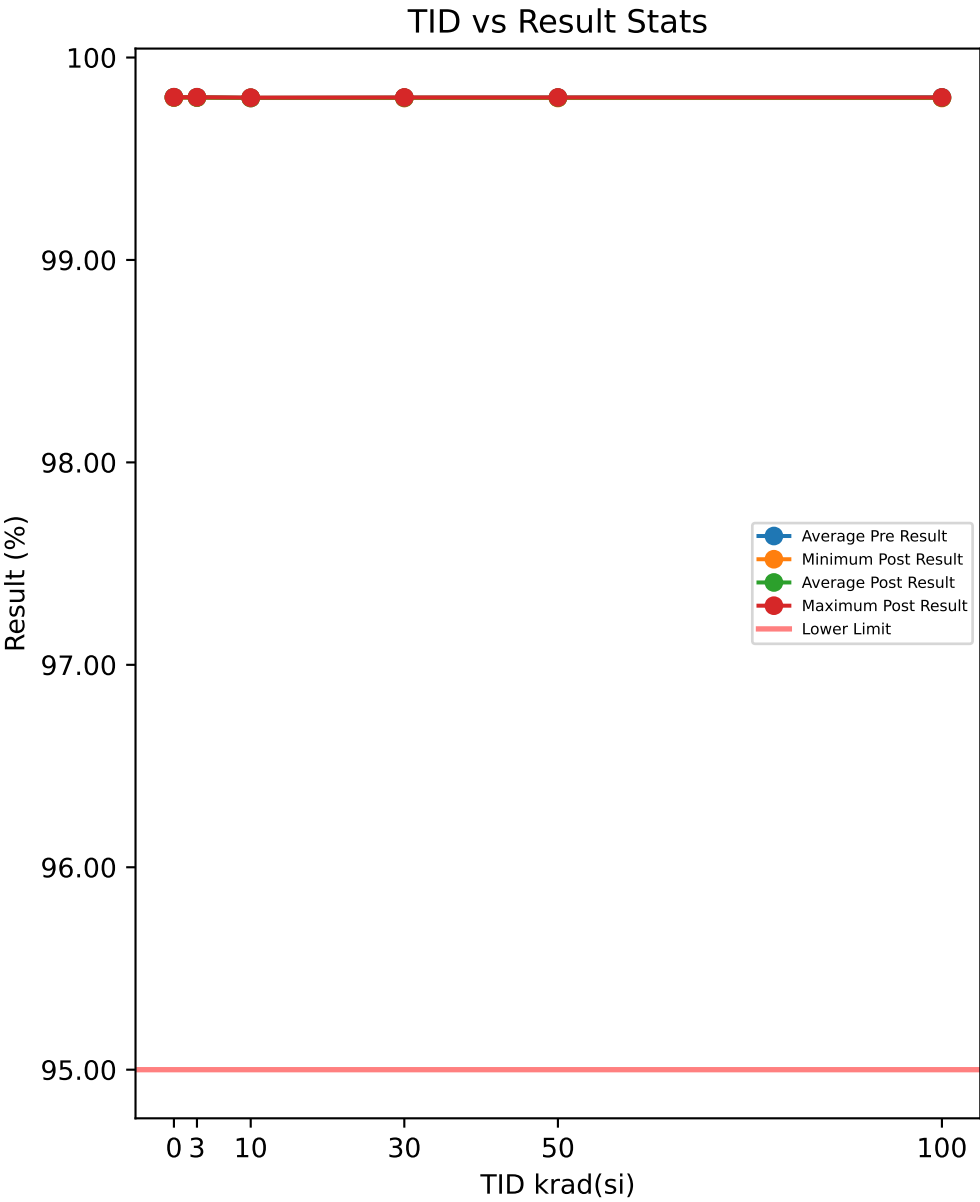
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.775	99.775	0
301	0	Correlation	99.777	99.776	-0.001
302	0	Correlation	99.774	99.774	0
303	3	Bias	99.776	99.774	-0.002
304	3	Bias	99.775	99.773	-0.002
305	3	Bias	99.775	99.774	-0.001
306	3	Bias	99.776	99.773	-0.003
307	3	Bias	99.776	99.774	-0.002
308	3	Unbiased	99.776	99.773	-0.003
309	3	Unbiased	99.773	99.773	0
310	3	Unbiased	99.772	99.773	0.001
311	3	Unbiased	99.775	99.776	0.001
312	3	Unbiased	99.774	99.775	0.001
313	10	Bias	99.772	99.773	0.001
314	10	Bias	99.771	99.772	0.001
315	10	Bias	99.77	99.77	0
316	10	Bias	99.771	99.772	0.001
317	10	Bias	99.77	99.772	0.002
318	10	Unbiased	99.772	99.773	0.001
319	10	Unbiased	99.77	99.772	0.002
320	10	Unbiased	99.772	99.773	0.001
321	10	Unbiased	99.772	99.773	0.001
322	10	Unbiased	99.771	99.771	0
323	30	Bias	99.772	99.773	0.001
324	30	Bias	99.771	99.772	0.001
325	30	Bias	99.77	99.772	0.002
326	30	Bias	99.773	99.775	0.002
327	30	Bias	99.77	99.771	0.001
328	30	Unbiased	99.772	99.773	0.001
329	30	Unbiased	99.771	99.772	0.001
330	30	Unbiased	99.772	99.773	0.001
331	30	Unbiased	99.772	99.773	0.001
332	30	Unbiased	99.773	99.773	0
333	50	Bias	99.773	99.774	0.001
334	50	Bias	99.771	99.772	0.001
335	50	Bias	99.773	99.774	0.001
336	50	Bias	99.773	99.774	0.001
337	50	Bias	99.77	99.771	0.001
338	50	Unbiased	99.772	99.774	0.002
339	50	Unbiased	99.775	99.773	-0.002
340	50	Unbiased	99.776	99.773	-0.003
341	50	Unbiased	99.776	99.773	-0.003
342	50	Unbiased	99.775	99.772	-0.003
343	100	Bias	99.776	99.774	-0.002
344	100	Bias	99.776	99.773	-0.003
345	100	Bias	99.775	99.773	-0.002
346	100	Bias	99.774	99.771	-0.003
347	100	Bias	99.776	99.773	-0.003
348	100	Unbiased	99.776	99.774	-0.002
349	100	Unbiased	99.775	99.772	-0.003
350	100	Unbiased	99.776	99.773	-0.003
351	100	Unbiased	99.774	99.771	-0.003
352	100	Unbiased	99.777	99.774	-0.003

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.774	99.775	99.777	0.0015275	99.774	99.775	99.776	0.001	-0.001	-0.00033333	0	0.00057735
3	99.772	99.775	99.776	0.0013984	99.773	99.774	99.776	0.0010328	-0.003	-0.001	0.001	0.001633
10	99.77	99.771	99.772	0.0008756	99.77	99.772	99.773	0.00099443	0	0.001	0.002	0.00066667
30	99.77	99.772	99.773	0.001075	99.771	99.773	99.775	0.0010593	0	0.0011	0.002	0.00056765
50	99.77	99.773	99.776	0.0020656	99.771	99.773	99.774	0.0010541	-0.003	-0.0004	0.002	0.0020656
100	99.774	99.775	99.777	0.00097183	99.771	99.773	99.774	0.0011353	-0.003	-0.0027	-0.002	0.00048305



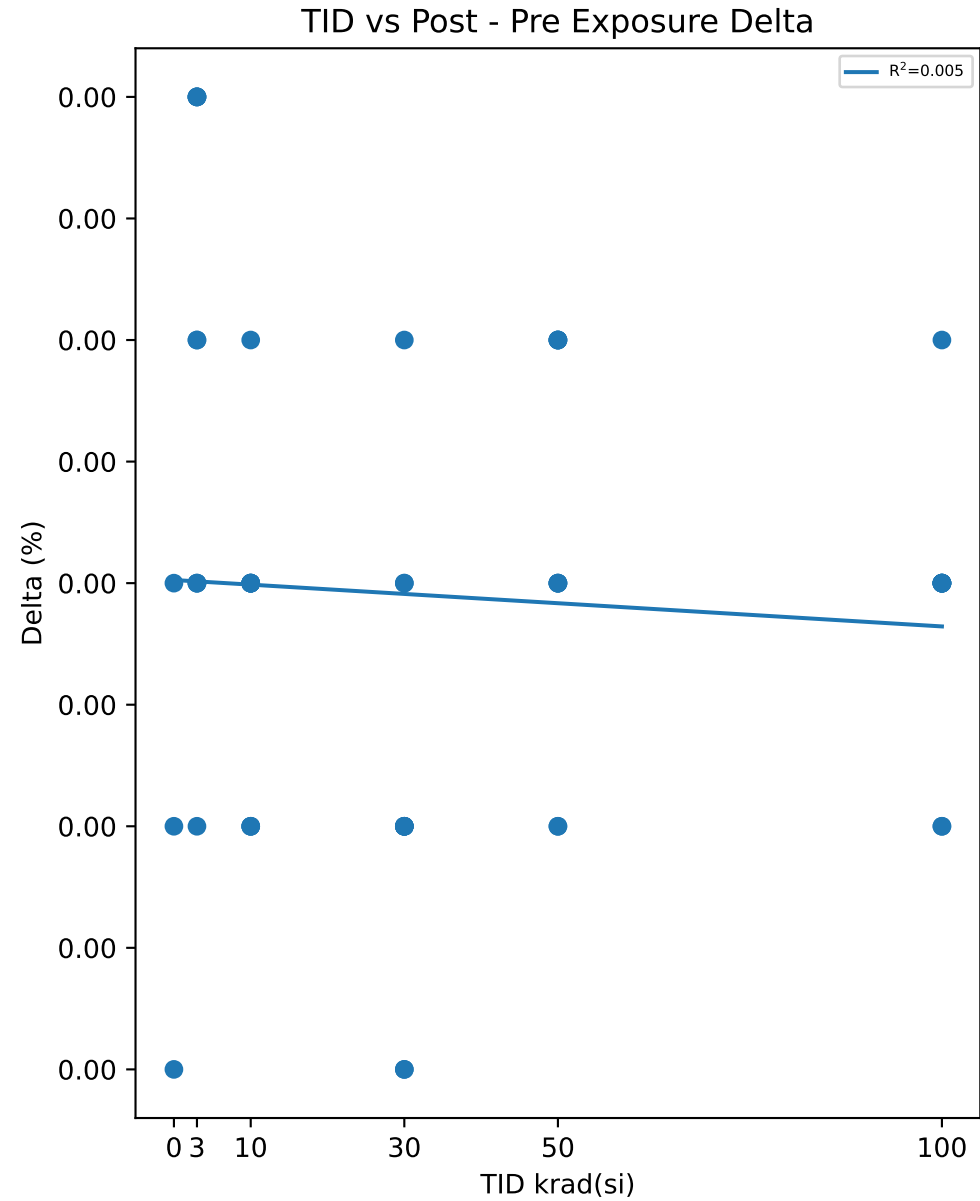
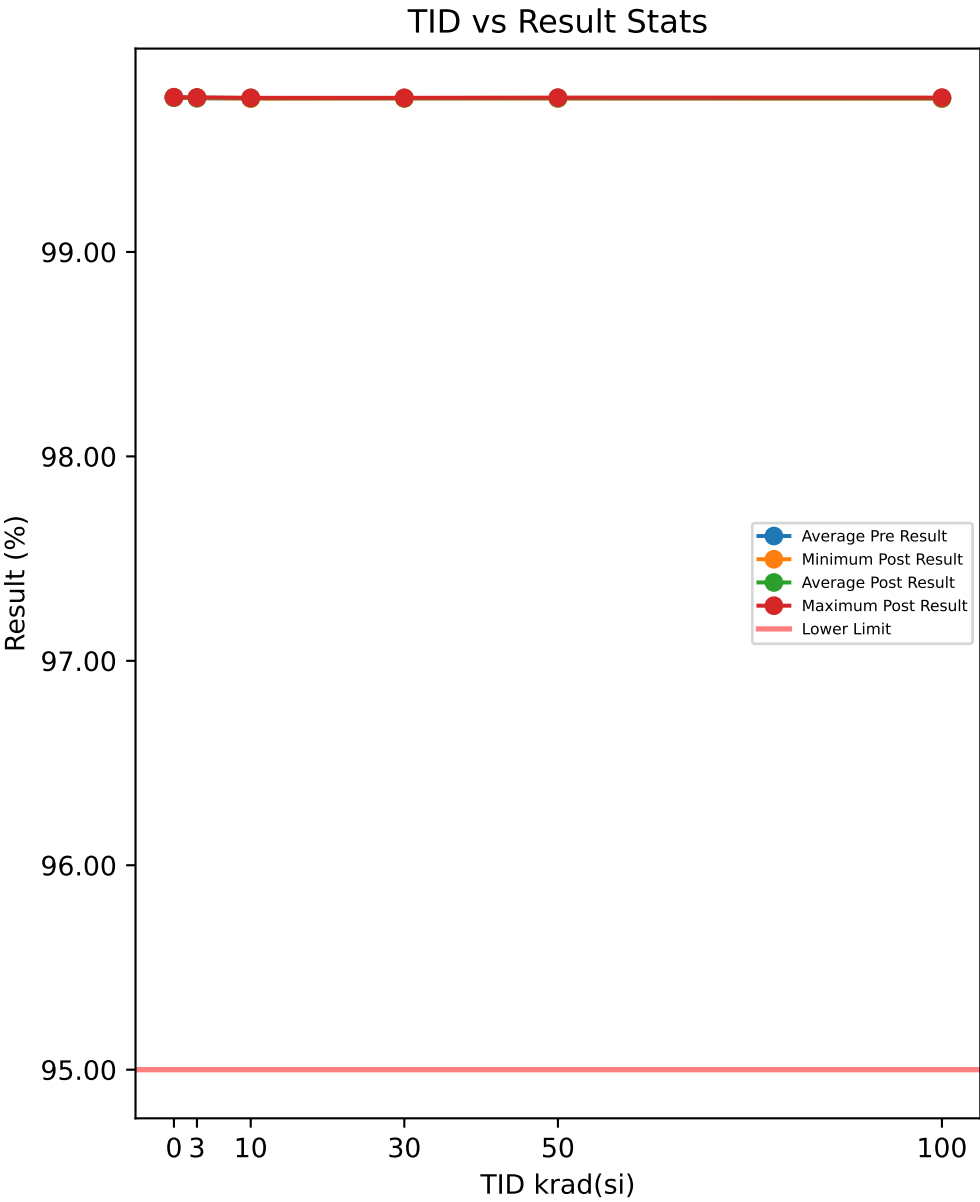
Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.787	99.788	0.001
301	0	Correlation	99.788	99.789	0.001
302	0	Correlation	99.785	99.787	0.002
303	3	Bias	99.786	99.789	0.003
304	3	Bias	99.784	99.787	0.003
305	3	Bias	99.785	99.788	0.003
306	3	Bias	99.784	99.786	0.002
307	3	Bias	99.784	99.788	0.004
308	3	Unbiased	99.784	99.787	0.003
309	3	Unbiased	99.786	99.786	0
310	3	Unbiased	99.787	99.786	-0.001
311	3	Unbiased	99.787	99.789	0.002
312	3	Unbiased	99.788	99.788	0
313	10	Bias	99.786	99.786	0
314	10	Bias	99.785	99.786	0.001
315	10	Bias	99.783	99.784	0.001
316	10	Bias	99.784	99.785	0.001
317	10	Bias	99.784	99.785	0.001
318	10	Unbiased	99.786	99.787	0.001
319	10	Unbiased	99.785	99.786	0.001
320	10	Unbiased	99.785	99.786	0.001
321	10	Unbiased	99.785	99.785	0
322	10	Unbiased	99.785	99.785	0
323	30	Bias	99.787	99.788	0.001
324	30	Bias	99.784	99.785	0.001
325	30	Bias	99.784	99.785	0.001
326	30	Bias	99.787	99.788	0.001
327	30	Bias	99.784	99.784	0
328	30	Unbiased	99.787	99.787	0
329	30	Unbiased	99.786	99.787	0.001
330	30	Unbiased	99.787	99.787	0
331	30	Unbiased	99.786	99.786	0
332	30	Unbiased	99.786	99.786	0
333	50	Bias	99.787	99.787	0
334	50	Bias	99.784	99.785	0.001
335	50	Bias	99.786	99.787	0.001
336	50	Bias	99.788	99.788	0
337	50	Bias	99.784	99.785	0.001
338	50	Unbiased	99.785	99.787	0.002
339	50	Unbiased	99.784	99.786	0.002
340	50	Unbiased	99.784	99.786	0.002
341	50	Unbiased	99.785	99.788	0.003
342	50	Unbiased	99.783	99.785	0.002
343	100	Bias	99.785	99.787	0.002
344	100	Bias	99.784	99.787	0.003
345	100	Bias	99.784	99.787	0.003
346	100	Bias	99.782	99.784	0.002
347	100	Bias	99.784	99.786	0.002
348	100	Unbiased	99.785	99.787	0.002
349	100	Unbiased	99.783	99.784	0.001
350	100	Unbiased	99.783	99.787	0.004
351	100	Unbiased	99.782	99.784	0.002
352	100	Unbiased	99.786	99.788	0.002

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.785	99.787	99.788	0.0015275	99.787	99.788	99.789	0.001	0.001	0.0013333	0.002	0.00057735
3	99.784	99.785	99.788	0.0015092	99.786	99.787	99.789	0.0011738	-0.001	0.0019	0.004	0.0016633
10	99.783	99.785	99.786	0.00091894	99.784	99.785	99.787	0.00084984	0	0.0007	0.001	0.00048305
30	99.784	99.786	99.787	0.0013166	99.784	99.786	99.788	0.0013375	0	0.0005	0.001	0.00052705
50	99.783	99.785	99.788	0.0015635	99.785	99.786	99.788	0.0011738	0	0.0014	0.003	0.00096609
100	99.782	99.784	99.786	0.0013166	99.784	99.786	99.788	0.0015239	0.001	0.0023	0.004	0.00082327



Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.804	99.804	0
301	0	Correlation	99.805	99.804	-0.001
302	0	Correlation	99.802	99.802	0
303	3	Bias	99.804	99.802	-0.002
304	3	Bias	99.803	99.802	-0.001
305	3	Bias	99.804	99.803	-0.001
306	3	Bias	99.804	99.802	-0.002
307	3	Bias	99.803	99.802	-0.001
308	3	Unbiased	99.803	99.802	-0.001
309	3	Unbiased	99.802	99.802	0
310	3	Unbiased	99.802	99.802	0
311	3	Unbiased	99.803	99.804	0.001
312	3	Unbiased	99.804	99.804	0
313	10	Bias	99.801	99.802	0.001
314	10	Bias	99.801	99.801	0
315	10	Bias	99.799	99.8	0.001
316	10	Bias	99.801	99.801	0
317	10	Bias	99.799	99.8	0.001
318	10	Unbiased	99.802	99.802	0
319	10	Unbiased	99.799	99.801	0.002
320	10	Unbiased	99.8	99.801	0.001
321	10	Unbiased	99.8	99.8	0
322	10	Unbiased	99.8	99.8	0
323	30	Bias	99.802	99.803	0.001
324	30	Bias	99.8	99.801	0.001
325	30	Bias	99.799	99.8	0.001
326	30	Bias	99.802	99.803	0.001
327	30	Bias	99.8	99.8	0
328	30	Unbiased	99.801	99.802	0.001
329	30	Unbiased	99.801	99.801	0
330	30	Unbiased	99.802	99.803	0.001
331	30	Unbiased	99.801	99.801	0
332	30	Unbiased	99.801	99.801	0
333	50	Bias	99.802	99.803	0.001
334	50	Bias	99.798	99.8	0.002
335	50	Bias	99.801	99.803	0.002
336	50	Bias	99.802	99.803	0.001
337	50	Bias	99.799	99.8	0.001
338	50	Unbiased	99.801	99.802	0.001
339	50	Unbiased	99.803	99.802	-0.001
340	50	Unbiased	99.803	99.801	-0.002
341	50	Unbiased	99.803	99.802	-0.001
342	50	Unbiased	99.803	99.801	-0.002
343	100	Bias	99.804	99.803	-0.001
344	100	Bias	99.803	99.802	-0.001
345	100	Bias	99.803	99.802	-0.001
346	100	Bias	99.801	99.8	-0.001
347	100	Bias	99.803	99.802	-0.001
348	100	Unbiased	99.804	99.802	-0.002
349	100	Unbiased	99.802	99.8	-0.002
350	100	Unbiased	99.803	99.802	-0.001
351	100	Unbiased	99.801	99.8	-0.001
352	100	Unbiased	99.805	99.803	-0.002

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.802	99.804	99.805	0.0015275	99.802	99.803	99.804	0.0011547	-0.001	-0.00033333	0	0.00057735
3	99.802	99.803	99.804	0.00078881	99.802	99.803	99.804	0.00084984	-0.002	-0.0007	0.001	0.00094868
10	99.799	99.8	99.802	0.0010328	99.8	99.801	99.802	0.00078881	0	0.0006	0.002	0.00069921
30	99.799	99.801	99.802	0.00099443	99.8	99.802	99.803	0.0011785	0	0.0006	0.001	0.0005164
50	99.798	99.802	99.803	0.0017795	99.8	99.802	99.803	0.0011595	-0.002	0.0002	0.002	0.0015492
100	99.801	99.803	99.805	0.0012867	99.8	99.802	99.803	0.0011738	-0.002	-0.0013	-0.001	0.00048305

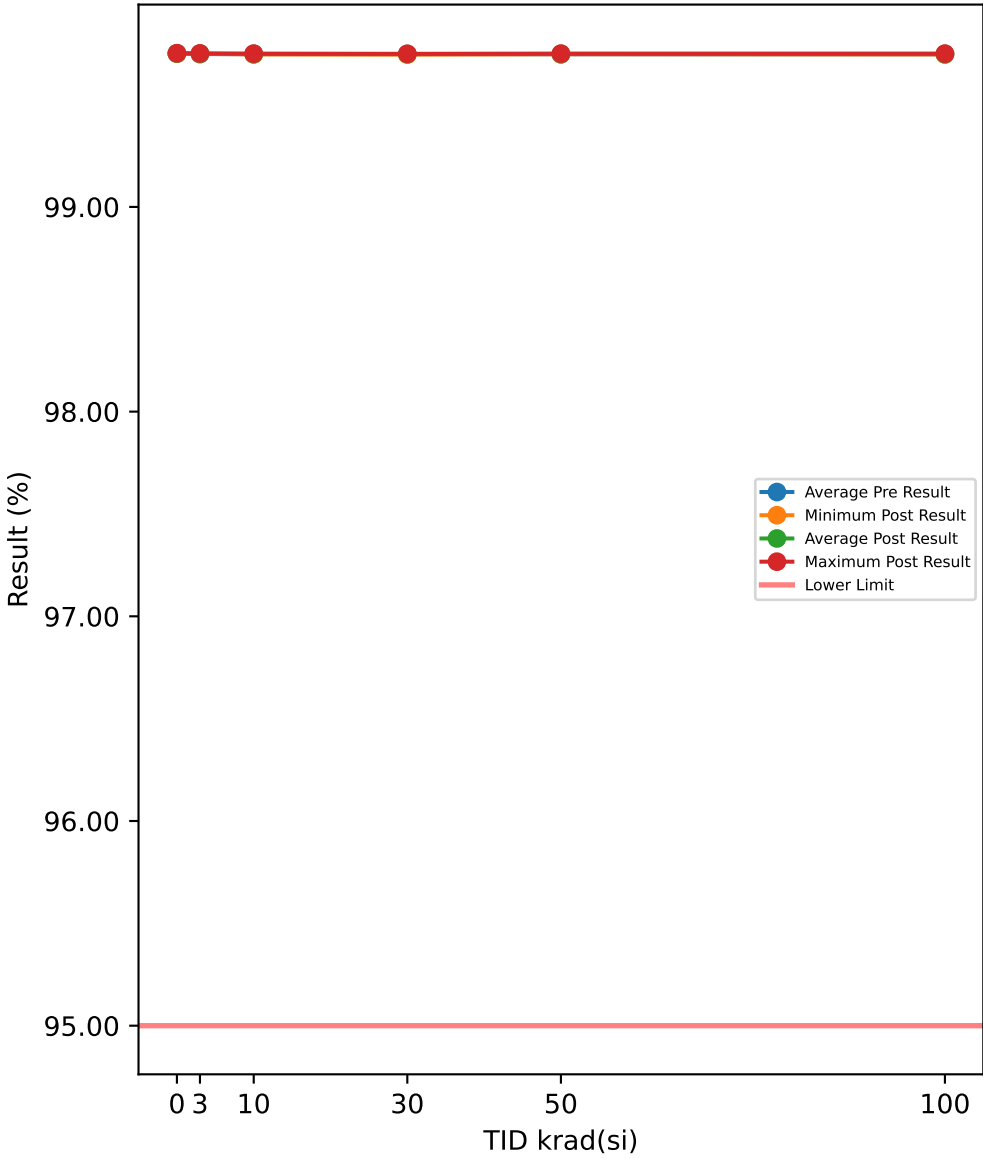


Test Results (Lower Limit = 95.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.755	99.757	0.002
301	0	Correlation	99.756	99.756	0
302	0	Correlation	99.754	99.755	0.001
303	3	Bias	99.752	99.756	0.004
304	3	Bias	99.75	99.753	0.003
305	3	Bias	99.751	99.755	0.004
306	3	Bias	99.751	99.755	0.004
307	3	Bias	99.751	99.755	0.004
308	3	Unbiased	99.751	99.754	0.003
309	3	Unbiased	99.752	99.754	0.002
310	3	Unbiased	99.752	99.753	0.001
311	3	Unbiased	99.754	99.756	0.002
312	3	Unbiased	99.754	99.756	0.002
313	10	Bias	99.752	99.754	0.002
314	10	Bias	99.752	99.754	0.002
315	10	Bias	99.751	99.752	0.001
316	10	Bias	99.749	99.75	0.001
317	10	Bias	99.751	99.753	0.002
318	10	Unbiased	99.752	99.754	0.002
319	10	Unbiased	99.751	99.754	0.003
320	10	Unbiased	99.751	99.753	0.002
321	10	Unbiased	99.752	99.753	0.001
322	10	Unbiased	99.75	99.752	0.002
323	30	Bias	99.752	99.753	0.001
324	30	Bias	99.753	99.753	0
325	30	Bias	99.75	99.752	0.002
326	30	Bias	99.751	99.754	0.003
327	30	Bias	99.75	99.751	0.001
328	30	Unbiased	99.753	99.754	0.001
329	30	Unbiased	99.752	99.752	0
330	30	Unbiased	99.752	99.753	0.001
331	30	Unbiased	99.752	99.753	0.001
332	30	Unbiased	99.751	99.753	0.002
333	50	Bias	99.751	99.753	0.002
334	50	Bias	99.75	99.751	0.001
335	50	Bias	99.753	99.755	0.002
336	50	Bias	99.753	99.754	0.001
337	50	Bias	99.75	99.752	0.002
338	50	Unbiased	99.75	99.753	0.003
339	50	Unbiased	99.753	99.755	0.002
340	50	Unbiased	99.749	99.752	0.003
341	50	Unbiased	99.751	99.754	0.003
342	50	Unbiased	99.75	99.753	0.003
343	100	Bias	99.752	99.754	0.002
344	100	Bias	99.751	99.753	0.002
345	100	Bias	99.75	99.753	0.003
346	100	Bias	99.75	99.751	0.001
347	100	Bias	99.751	99.752	0.001
348	100	Unbiased	99.751	99.753	0.002
349	100	Unbiased	99.748	99.75	0.002
350	100	Unbiased	99.751	99.753	0.002
351	100	Unbiased	99.749	99.751	0.002
352	100	Unbiased	99.753	99.755	0.002

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.754	99.755	99.756	0.001	99.755	99.756	99.757	0.001	0	0.001	0.002	0.001
3	99.75	99.752	99.754	0.0013166	99.753	99.755	99.756	0.0011595	0.001	0.0029	0.004	0.0011005
10	99.749	99.751	99.752	0.00099443	99.75	99.753	99.754	0.0012867	0.001	0.0018	0.003	0.00063246
30	99.75	99.752	99.753	0.001075	99.751	99.753	99.754	0.00091894	0	0.0012	0.003	0.00091894
50	99.749	99.751	99.753	0.0014907	99.751	99.753	99.755	0.0013166	0.001	0.0022	0.003	0.00078881
100	99.748	99.751	99.753	0.0014298	99.75	99.752	99.755	0.0015092	0.001	0.0019	0.003	0.00056765

Device Test: 6.64 ; VOH_PWRGD_2MA

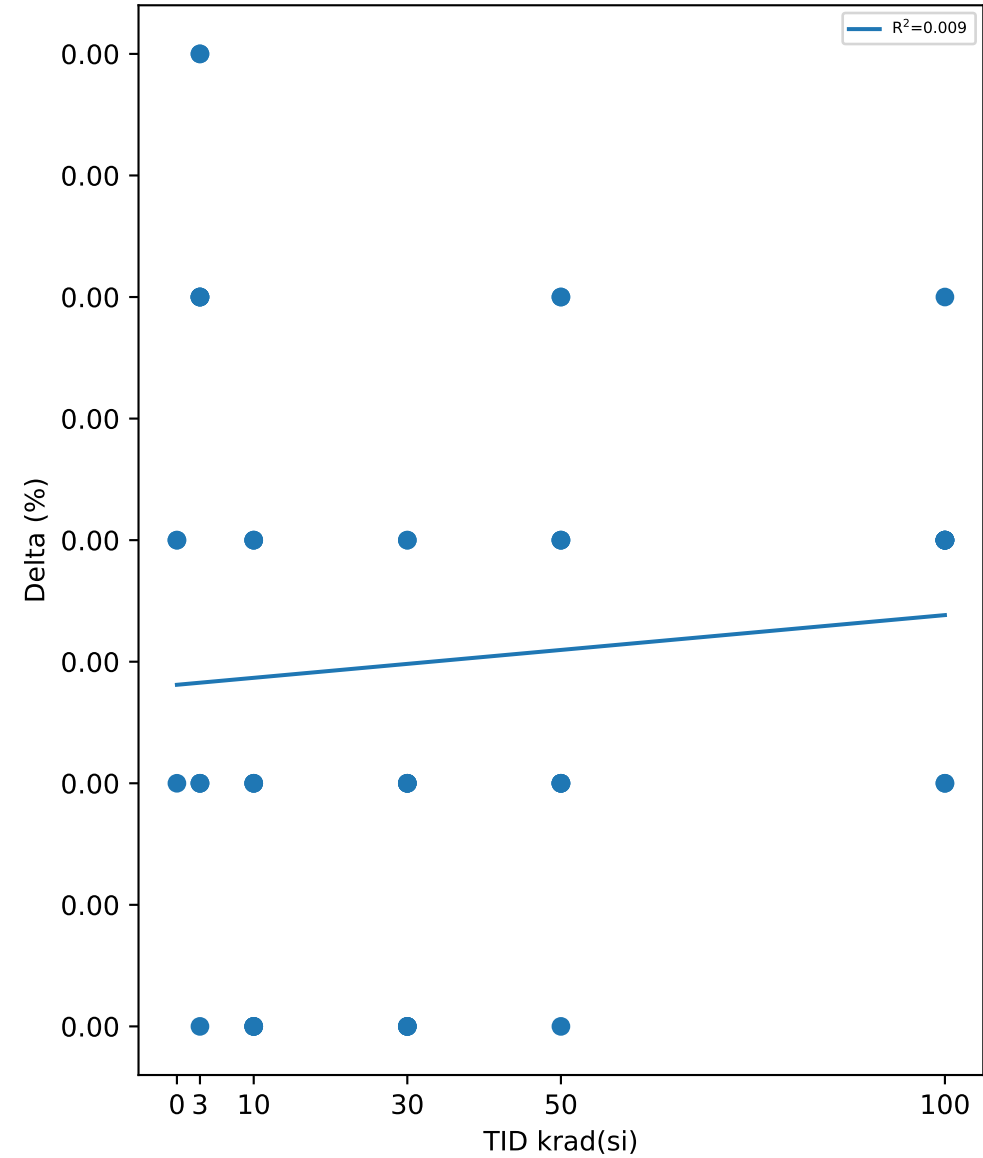
TID vs Result Stats



Test Results (Lower Limit = 95.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.749	99.751	0.002
301	0	Correlation	99.75	99.751	0.001
302	0	Correlation	99.747	99.749	0.002
303	3	Bias	99.745	99.749	0.004
304	3	Bias	99.745	99.748	0.003
305	3	Bias	99.746	99.749	0.003
306	3	Bias	99.747	99.75	0.003
307	3	Bias	99.745	99.749	0.004
308	3	Unbiased	99.745	99.748	0.003
309	3	Unbiased	99.747	99.748	0.001
310	3	Unbiased	99.748	99.748	0
311	3	Unbiased	99.749	99.75	0.001
312	3	Unbiased	99.749	99.75	0.001
313	10	Bias	99.747	99.749	0.002
314	10	Bias	99.747	99.748	0.001
315	10	Bias	99.746	99.746	0
316	10	Bias	99.745	99.745	0
317	10	Bias	99.746	99.747	0.001
318	10	Unbiased	99.748	99.748	0
319	10	Unbiased	99.746	99.748	0.002
320	10	Unbiased	99.746	99.748	0.002
321	10	Unbiased	99.747	99.747	0
322	10	Unbiased	99.745	99.746	0.001
323	30	Bias	99.747	99.748	0.001
324	30	Bias	99.746	99.746	0
325	30	Bias	99.745	99.747	0.002
326	30	Bias	99.747	99.748	0.001
327	30	Bias	99.744	99.744	0
328	30	Unbiased	99.747	99.748	0.001
329	30	Unbiased	99.747	99.747	0
330	30	Unbiased	99.746	99.747	0.001
331	30	Unbiased	99.747	99.747	0
332	30	Unbiased	99.746	99.748	0.002
333	50	Bias	99.746	99.747	0.001
334	50	Bias	99.746	99.746	0
335	50	Bias	99.748	99.749	0.001
336	50	Bias	99.748	99.749	0.001
337	50	Bias	99.745	99.746	0.001
338	50	Unbiased	99.745	99.747	0.002
339	50	Unbiased	99.746	99.749	0.003
340	50	Unbiased	99.744	99.746	0.002
341	50	Unbiased	99.746	99.748	0.002
342	50	Unbiased	99.744	99.747	0.003
343	100	Bias	99.746	99.748	0.002
344	100	Bias	99.746	99.748	0.002
345	100	Bias	99.746	99.748	0.002
346	100	Bias	99.744	99.746	0.002
347	100	Bias	99.746	99.747	0.001
348	100	Unbiased	99.746	99.748	0.002
349	100	Unbiased	99.743	99.745	0.002
350	100	Unbiased	99.745	99.748	0.003
351	100	Unbiased	99.744	99.746	0.002
352	100	Unbiased	99.748	99.749	0.001

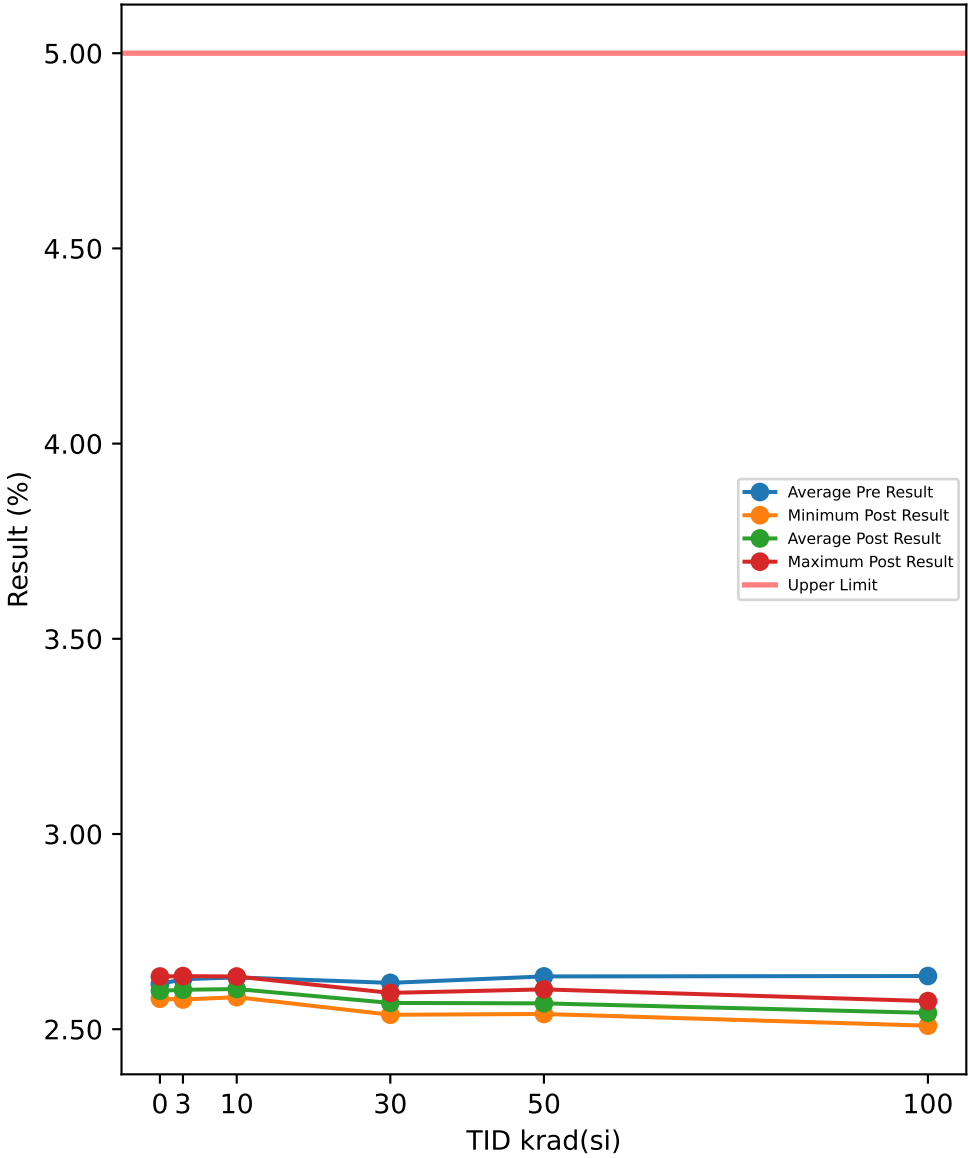
TID vs Post - Pre Exposure Delta



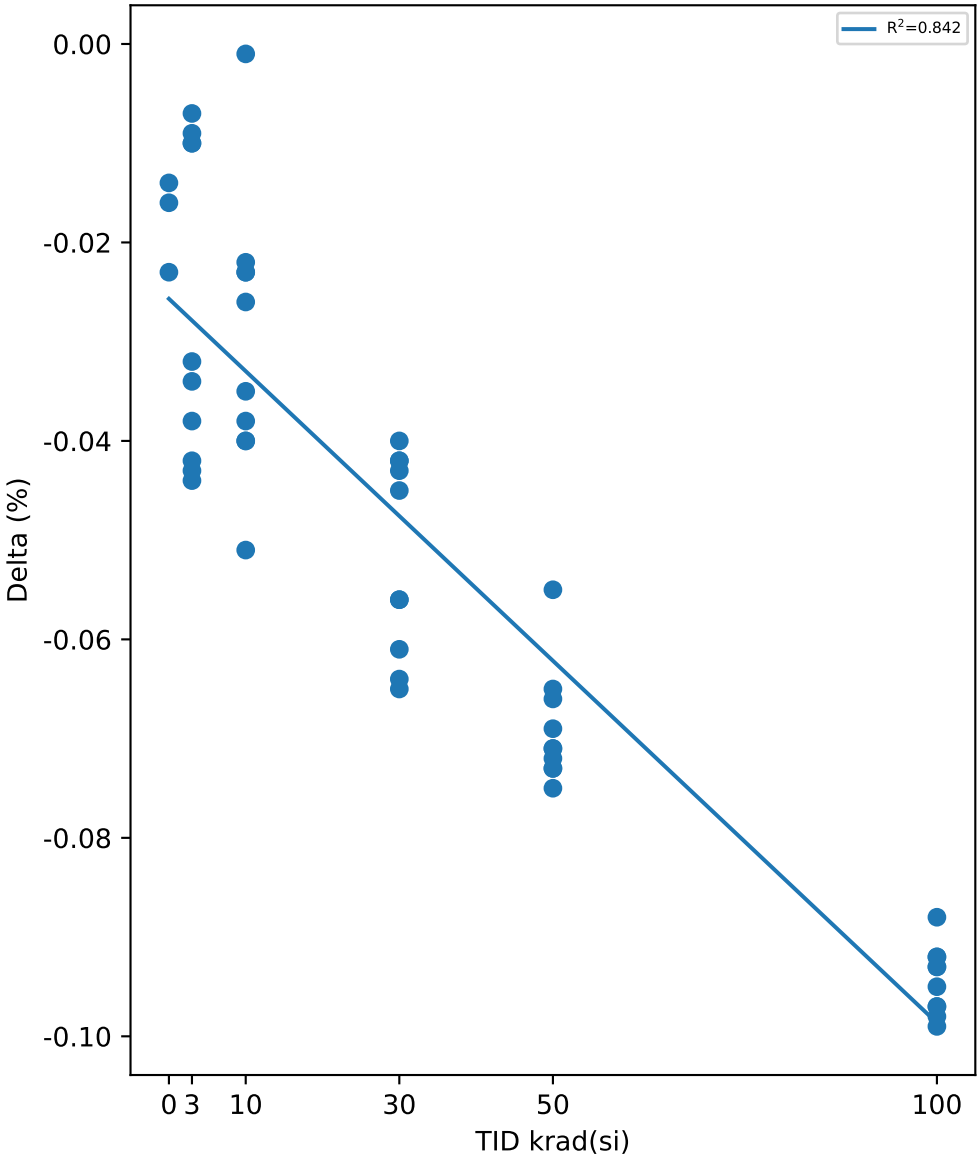
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.747	99.749	99.75	0.0015275	99.749	99.75	99.751	0.0011547	0.001	0.0016667	0.002	0.00057735
3	99.745	99.747	99.749	0.0016465	99.748	99.749	99.75	0.0008756	0	0.0023	0.004	0.0014181
10	99.745	99.746	99.748	0.00094868	99.745	99.747	99.749	0.0012293	0	0.0009	0.002	0.0008756
30	99.744	99.746	99.747	0.0010328	99.744	99.747	99.748	0.0012472	0	0.0008	0.002	0.00078881
50	99.744	99.746	99.748	0.0013984	99.746	99.747	99.749	0.0012649	0	0.0016	0.003	0.00096609
100	99.743	99.745	99.748	0.0014298	99.745	99.747	99.749	0.0012517	0.001	0.0019	0.003	0.00056765

TID vs Result Stats



TID vs Post - Pre Exposure Delta



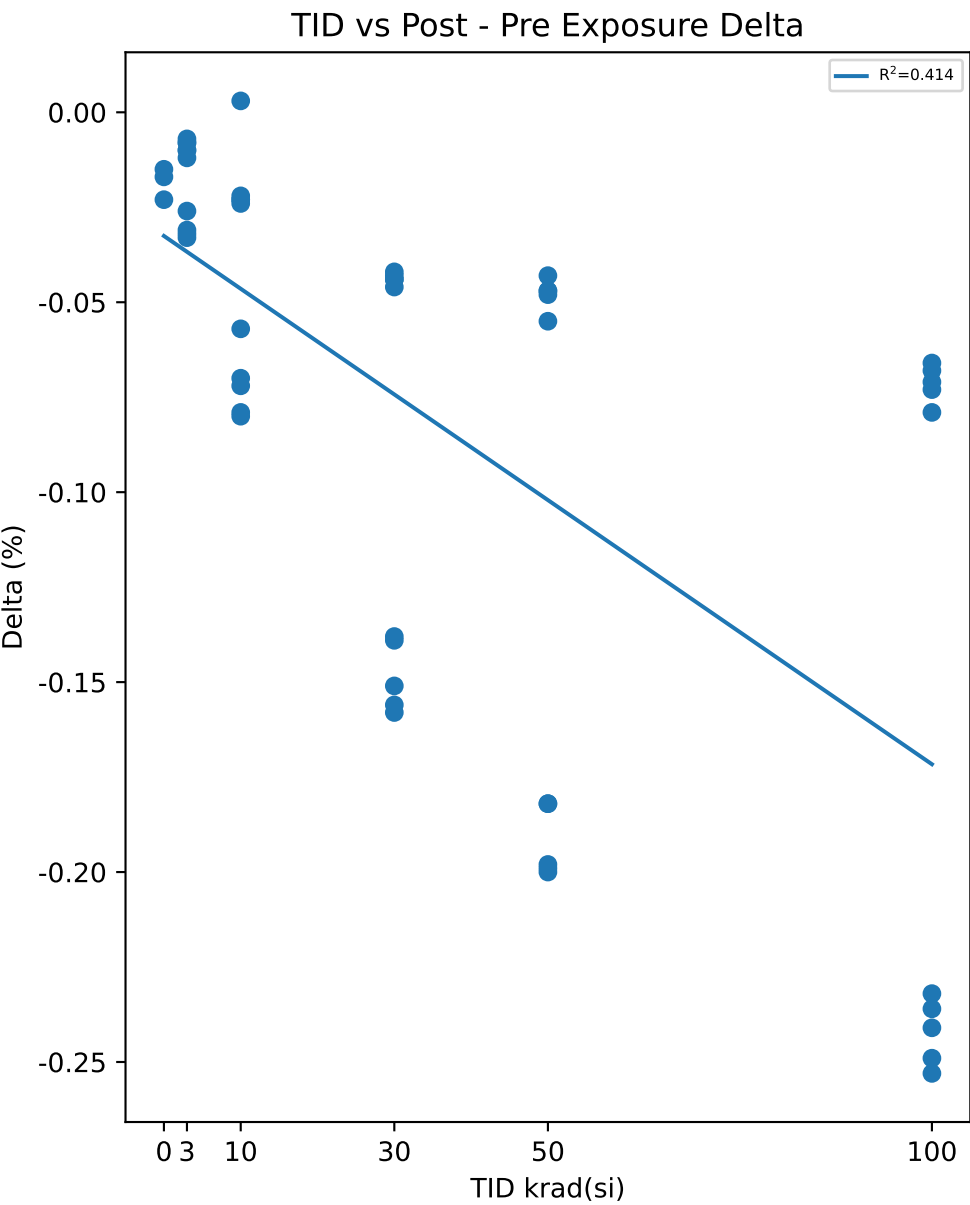
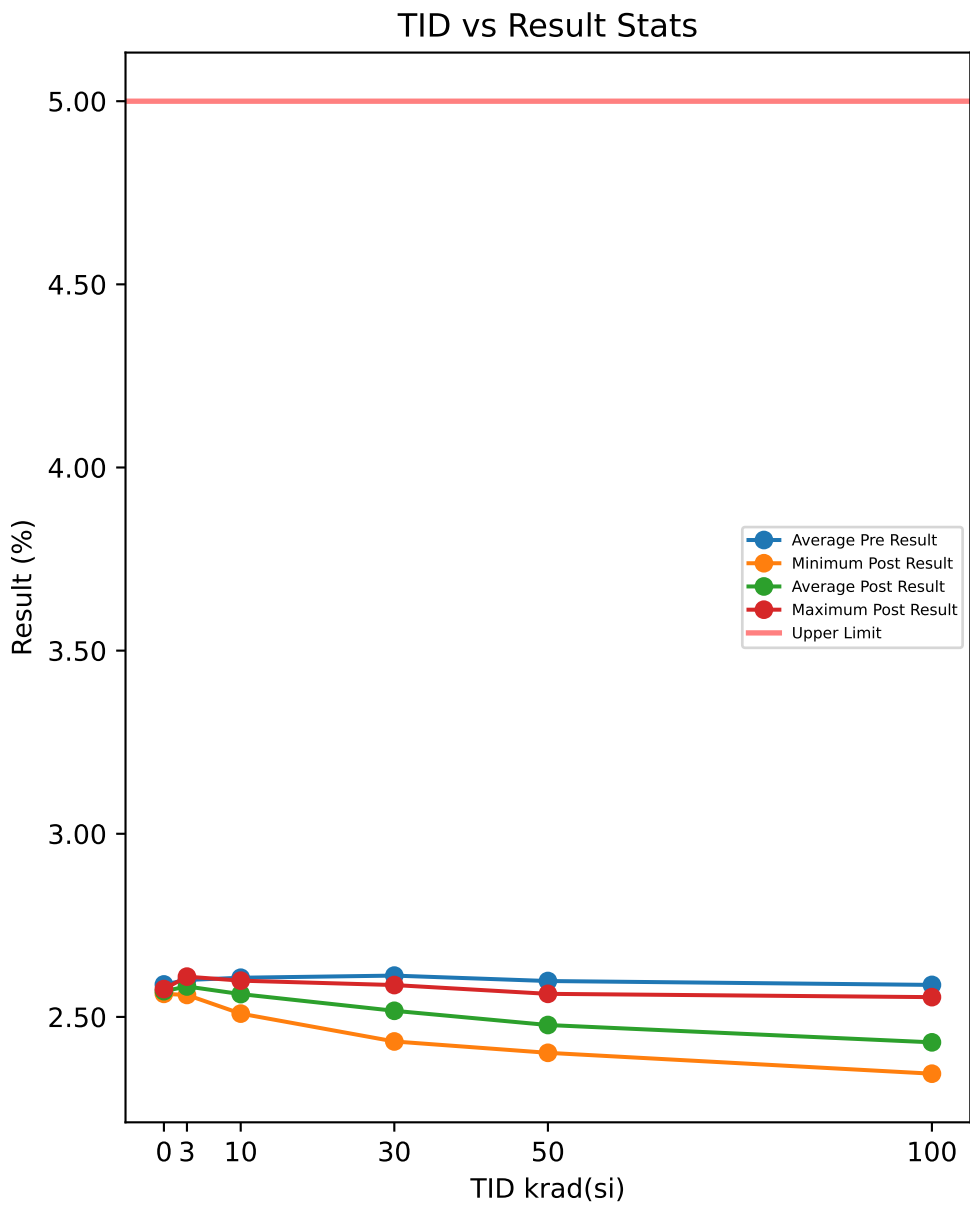
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.605	2.582	-0.023
301	0	Correlation	2.594	2.578	-0.016
302	0	Correlation	2.649	2.635	-0.014
303	3	Bias	2.624	2.581	-0.043
304	3	Bias	2.68	2.636	-0.044
305	3	Bias	2.638	2.596	-0.042
306	3	Bias	2.638	2.6	-0.038
307	3	Bias	2.636	2.602	-0.034
308	3	Unbiased	2.635	2.603	-0.032
309	3	Unbiased	2.638	2.628	-0.01
310	3	Unbiased	2.611	2.604	-0.007
311	3	Unbiased	2.585	2.576	-0.009
312	3	Unbiased	2.594	2.584	-0.01
313	10	Bias	2.633	2.598	-0.035
314	10	Bias	2.648	2.608	-0.04
315	10	Bias	2.624	2.586	-0.038
316	10	Bias	2.627	2.604	-0.023
317	10	Bias	2.629	2.589	-0.04
318	10	Unbiased	2.624	2.601	-0.023
319	10	Unbiased	2.604	2.582	-0.022
320	10	Unbiased	2.651	2.6	-0.051
321	10	Unbiased	2.627	2.626	-0.001
322	10	Unbiased	2.661	2.635	-0.026
323	30	Bias	2.617	2.561	-0.056
324	30	Bias	2.608	2.552	-0.056
325	30	Bias	2.649	2.584	-0.065
326	30	Bias	2.601	2.537	-0.064
327	30	Bias	2.633	2.572	-0.061
328	30	Unbiased	2.599	2.559	-0.04
329	30	Unbiased	2.635	2.593	-0.042
330	30	Unbiased	2.605	2.562	-0.043
331	30	Unbiased	2.626	2.581	-0.045
332	30	Unbiased	2.614	2.572	-0.042
333	50	Bias	2.605	2.539	-0.066
334	50	Bias	2.64	2.571	-0.069
335	50	Bias	2.616	2.544	-0.072
336	50	Bias	2.631	2.56	-0.071
337	50	Bias	2.666	2.591	-0.075
338	50	Unbiased	2.613	2.558	-0.055
339	50	Unbiased	2.606	2.541	-0.065
340	50	Unbiased	2.648	2.575	-0.073
341	50	Unbiased	2.652	2.581	-0.071
342	50	Unbiased	2.675	2.602	-0.073
343	100	Bias	2.629	2.536	-0.093
344	100	Bias	2.643	2.546	-0.097
345	100	Bias	2.632	2.535	-0.097
346	100	Bias	2.653	2.558	-0.095
347	100	Bias	2.642	2.55	-0.092
348	100	Unbiased	2.665	2.572	-0.093
349	100	Unbiased	2.636	2.548	-0.088
350	100	Unbiased	2.608	2.509	-0.099
351	100	Unbiased	2.645	2.547	-0.098
352	100	Unbiased	2.609	2.517	-0.092

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.594	2.616	2.649	0.029103	2.578	2.5983	2.635	0.031817	-0.023	-0.017667	-0.014	0.0047258
3	2.585	2.6279	2.68	0.026723	2.576	2.601	2.636	0.019172	-0.044	-0.0269	-0.007	0.015871
10	2.604	2.6328	2.661	0.01641	2.582	2.6029	2.635	0.016809	-0.051	-0.0299	-0.001	0.01394
30	2.599	2.6187	2.649	0.016567	2.537	2.5673	2.593	0.016533	-0.065	-0.0514	-0.04	0.00998
50	2.605	2.6352	2.675	0.025046	2.539	2.5662	2.602	0.021576	-0.075	-0.069	-0.055	0.005831
100	2.608	2.6362	2.665	0.017869	2.509	2.5418	2.572	0.018546	-0.099	-0.0944	-0.088	0.0034059

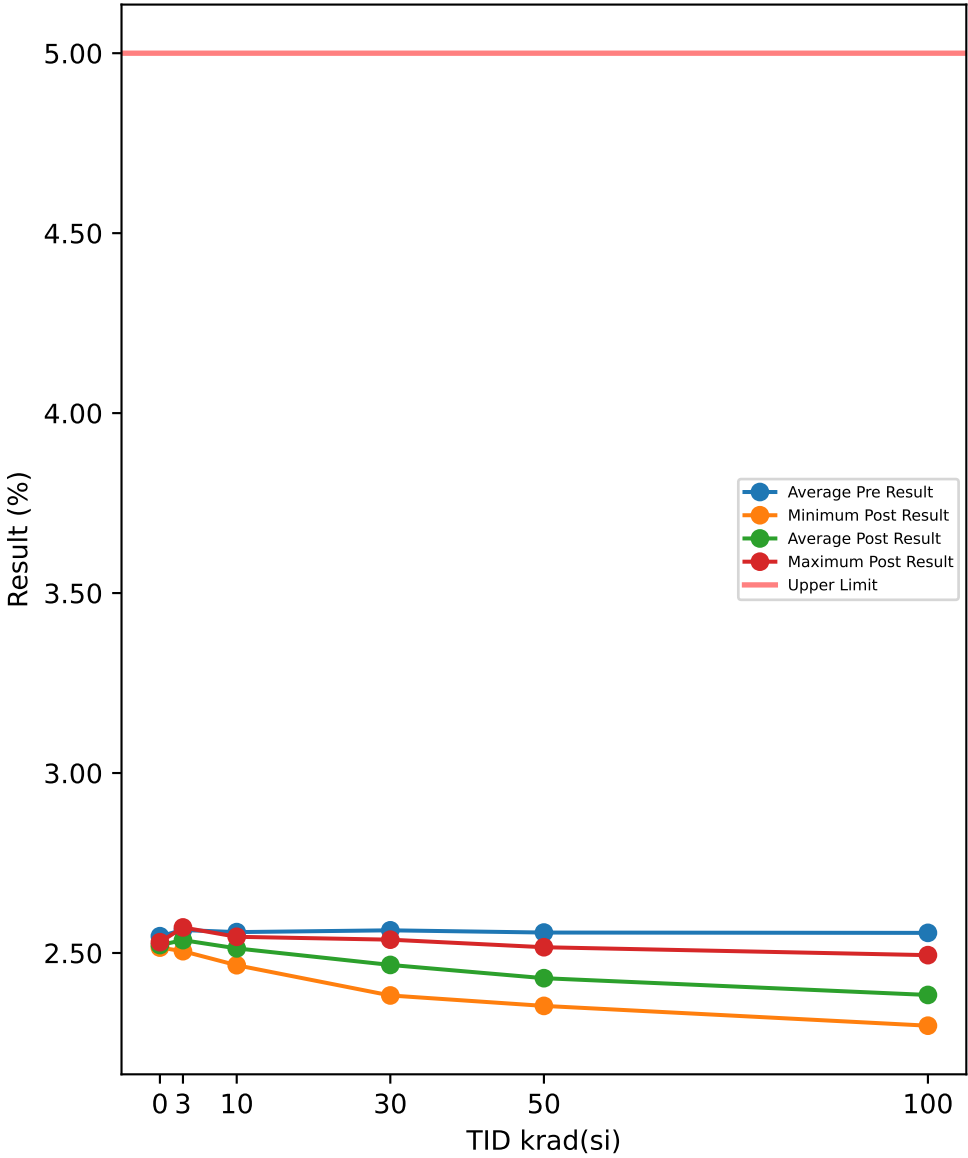
Device Test: 6.66 ; VOL RESET 2MA



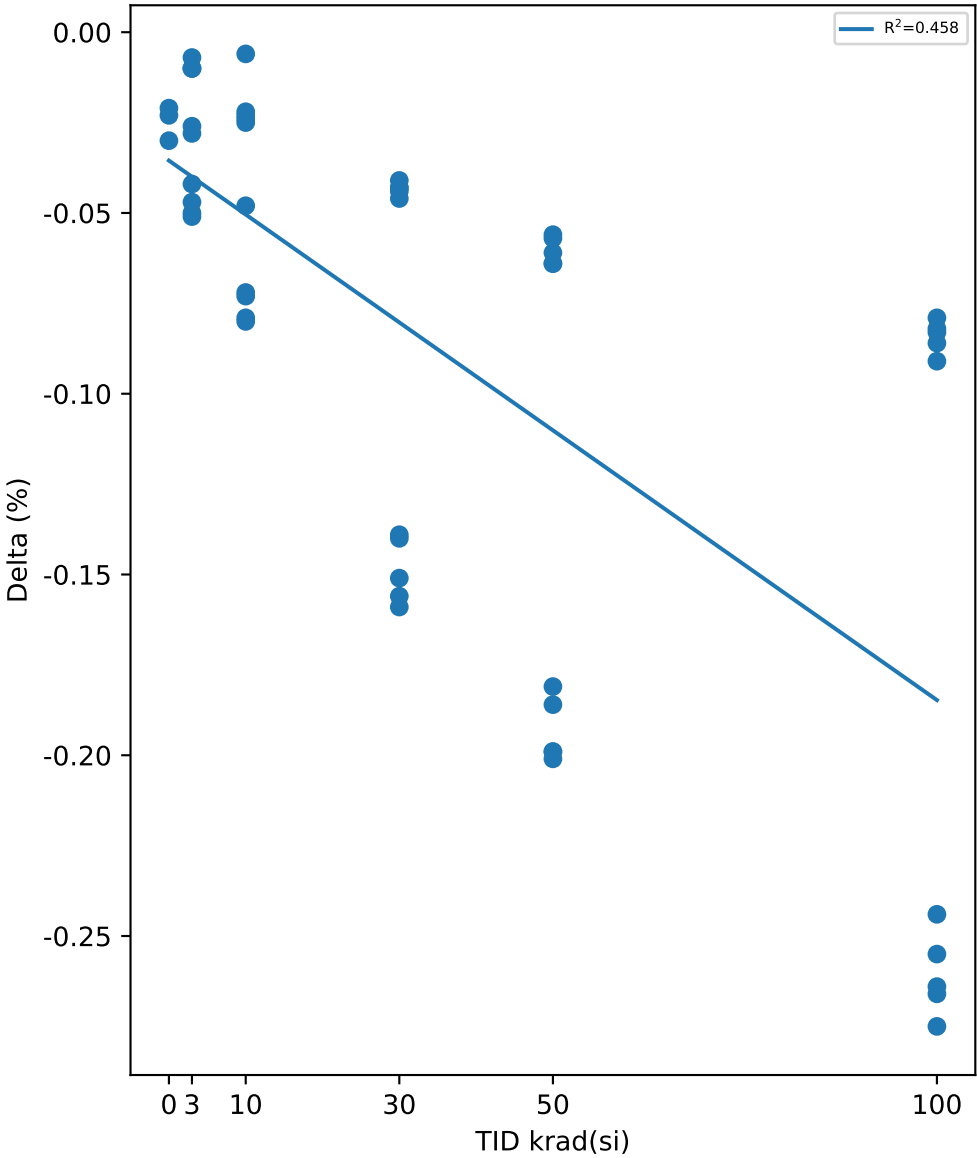
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.599	2.576	-0.023
301	0	Correlation	2.58	2.563	-0.017
302	0	Correlation	2.587	2.572	-0.015
303	3	Bias	2.601	2.57	-0.031
304	3	Bias	2.608	2.576	-0.032
305	3	Bias	2.624	2.591	-0.033
306	3	Bias	2.604	2.578	-0.026
307	3	Bias	2.612	2.6	-0.012
308	3	Unbiased	2.618	2.61	-0.008
309	3	Unbiased	2.577	2.567	-0.01
310	3	Unbiased	2.617	2.61	-0.007
311	3	Unbiased	2.579	2.569	-0.01
312	3	Unbiased	2.568	2.56	-0.008
313	10	Bias	2.624	2.554	-0.07
314	10	Bias	2.581	2.509	-0.072
315	10	Bias	2.624	2.545	-0.079
316	10	Bias	2.598	2.575	-0.023
317	10	Bias	2.634	2.554	-0.08
318	10	Unbiased	2.57	2.548	-0.022
319	10	Unbiased	2.618	2.595	-0.023
320	10	Unbiased	2.596	2.599	0.003
321	10	Unbiased	2.628	2.571	-0.057
322	10	Unbiased	2.597	2.573	-0.024
323	30	Bias	2.624	2.485	-0.139
324	30	Bias	2.616	2.478	-0.138
325	30	Bias	2.591	2.433	-0.158
326	30	Bias	2.598	2.442	-0.156
327	30	Bias	2.641	2.49	-0.151
328	30	Unbiased	2.602	2.559	-0.043
329	30	Unbiased	2.629	2.587	-0.042
330	30	Unbiased	2.587	2.543	-0.044
331	30	Unbiased	2.613	2.567	-0.046
332	30	Unbiased	2.627	2.583	-0.044
333	50	Bias	2.609	2.427	-0.182
334	50	Bias	2.584	2.402	-0.182
335	50	Bias	2.613	2.413	-0.2
336	50	Bias	2.619	2.42	-0.199
337	50	Bias	2.621	2.423	-0.198
338	50	Unbiased	2.598	2.543	-0.055
339	50	Unbiased	2.566	2.523	-0.043
340	50	Unbiased	2.585	2.537	-0.048
341	50	Unbiased	2.61	2.563	-0.047
342	50	Unbiased	2.575	2.528	-0.047
343	100	Bias	2.577	2.345	-0.232
344	100	Bias	2.594	2.358	-0.236
345	100	Bias	2.597	2.348	-0.249
346	100	Bias	2.606	2.353	-0.253
347	100	Bias	2.6	2.359	-0.241
348	100	Unbiased	2.569	2.503	-0.066
349	100	Unbiased	2.622	2.554	-0.068
350	100	Unbiased	2.577	2.498	-0.079
351	100	Unbiased	2.564	2.491	-0.073
352	100	Unbiased	2.568	2.497	-0.071

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.58	2.5887	2.599	0.009609	2.563	2.5703	2.576	0.0066583	-0.023	-0.018333	-0.015	0.0041633
3	2.568	2.6008	2.624	0.019441	2.56	2.5831	2.61	0.018363	-0.033	-0.0177	-0.007	0.011245
10	2.57	2.607	2.634	0.021644	2.509	2.5623	2.599	0.026353	-0.08	-0.0447	0.003	0.030037
30	2.587	2.6128	2.641	0.017862	2.433	2.5167	2.587	0.057879	-0.158	-0.0961	-0.042	0.055493
50	2.566	2.598	2.621	0.019374	2.402	2.4779	2.563	0.06536	-0.2	-0.1201	-0.043	0.07631
100	2.564	2.5874	2.622	0.019196	2.345	2.4306	2.554	0.084089	-0.253	-0.1568	-0.066	0.090271

TID vs Result Stats



TID vs Post - Pre Exposure Delta



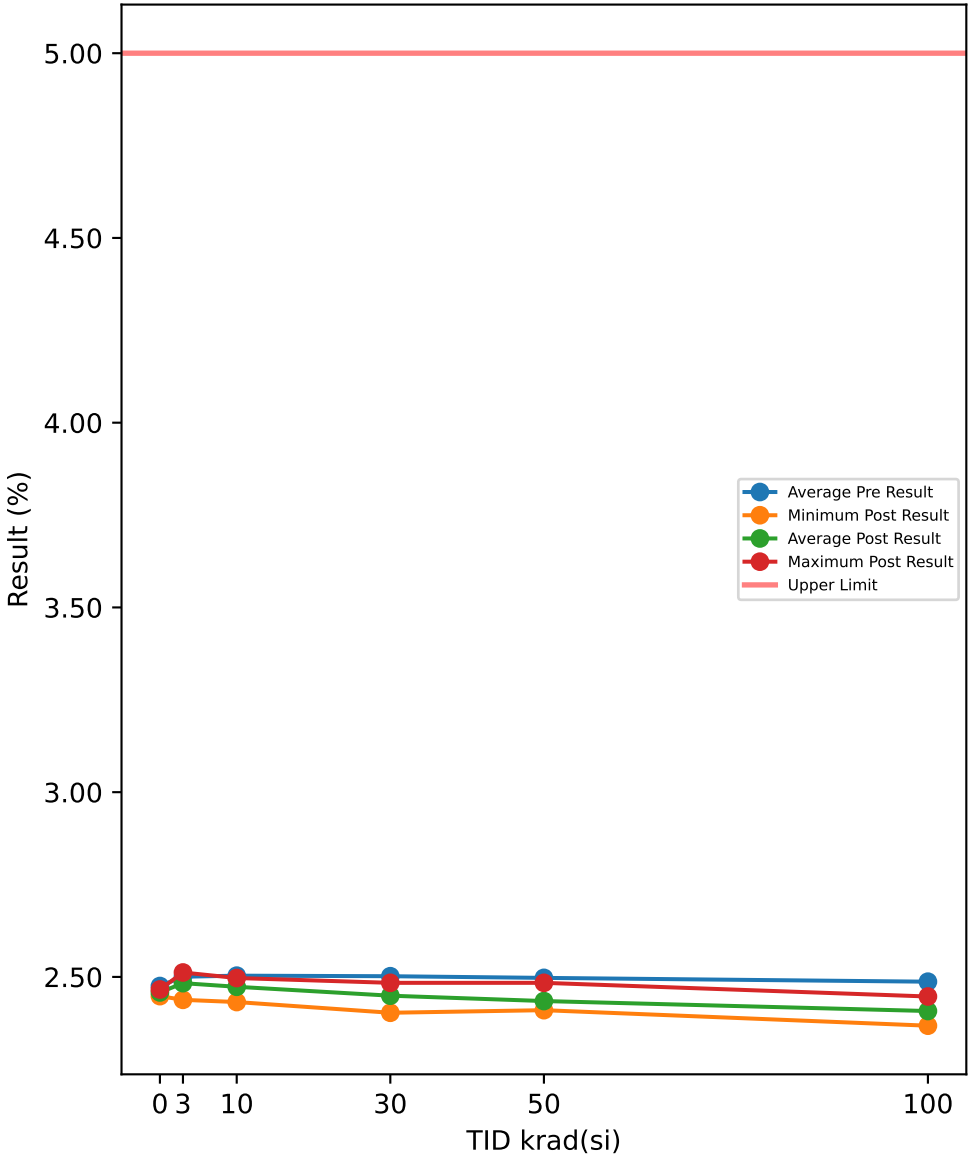
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.56	2.53	-0.03
301	0	Correlation	2.538	2.515	-0.023
302	0	Correlation	2.542	2.521	-0.021
303	3	Bias	2.565	2.518	-0.047
304	3	Bias	2.596	2.545	-0.051
305	3	Bias	2.578	2.528	-0.05
306	3	Bias	2.58	2.538	-0.042
307	3	Bias	2.576	2.548	-0.028
308	3	Unbiased	2.597	2.571	-0.026
309	3	Unbiased	2.537	2.527	-0.01
310	3	Unbiased	2.567	2.56	-0.007
311	3	Unbiased	2.527	2.517	-0.01
312	3	Unbiased	2.515	2.505	-0.01
313	10	Bias	2.579	2.507	-0.072
314	10	Bias	2.539	2.466	-0.073
315	10	Bias	2.568	2.489	-0.079
316	10	Bias	2.55	2.527	-0.023
317	10	Bias	2.585	2.505	-0.08
318	10	Unbiased	2.517	2.495	-0.022
319	10	Unbiased	2.561	2.537	-0.024
320	10	Unbiased	2.551	2.545	-0.006
321	10	Unbiased	2.574	2.526	-0.048
322	10	Unbiased	2.556	2.531	-0.025
323	30	Bias	2.579	2.439	-0.14
324	30	Bias	2.561	2.422	-0.139
325	30	Bias	2.55	2.391	-0.159
326	30	Bias	2.538	2.382	-0.156
327	30	Bias	2.593	2.442	-0.151
328	30	Unbiased	2.543	2.5	-0.043
329	30	Unbiased	2.578	2.537	-0.041
330	30	Unbiased	2.535	2.491	-0.044
331	30	Unbiased	2.581	2.535	-0.046
332	30	Unbiased	2.572	2.529	-0.043
333	50	Bias	2.554	2.373	-0.181
334	50	Bias	2.539	2.353	-0.186
335	50	Bias	2.566	2.367	-0.199
336	50	Bias	2.582	2.383	-0.199
337	50	Bias	2.574	2.373	-0.201
338	50	Unbiased	2.547	2.491	-0.056
339	50	Unbiased	2.531	2.474	-0.057
340	50	Unbiased	2.55	2.486	-0.064
341	50	Unbiased	2.58	2.516	-0.064
342	50	Unbiased	2.545	2.484	-0.061
343	100	Bias	2.542	2.298	-0.244
344	100	Bias	2.572	2.317	-0.255
345	100	Bias	2.565	2.301	-0.264
346	100	Bias	2.598	2.323	-0.275
347	100	Bias	2.58	2.314	-0.266
348	100	Unbiased	2.534	2.455	-0.079
349	100	Unbiased	2.577	2.494	-0.083
350	100	Unbiased	2.535	2.444	-0.091
351	100	Unbiased	2.543	2.457	-0.086
352	100	Unbiased	2.513	2.431	-0.082

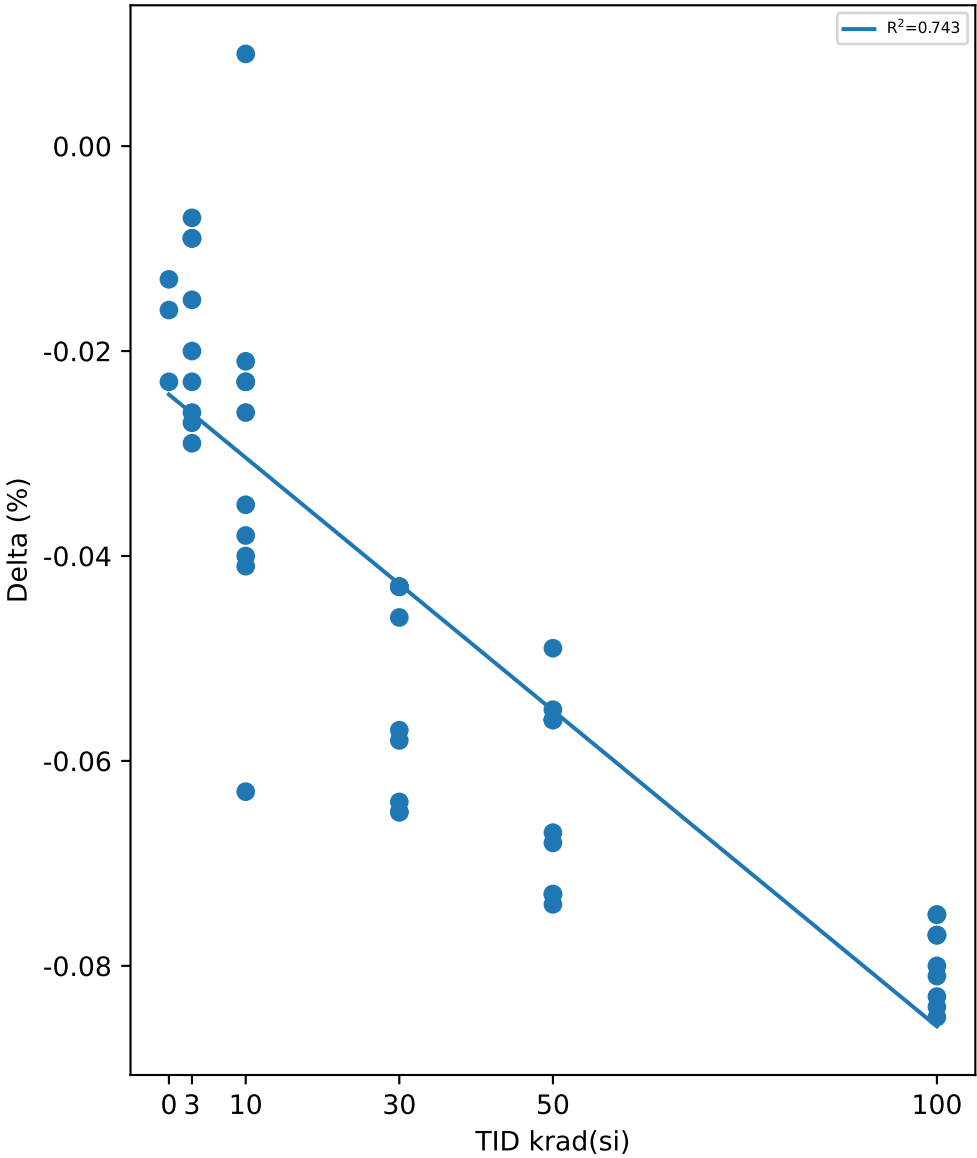
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.538	2.5467	2.56	0.011719	2.515	2.522	2.53	0.0075498	-0.03	-0.024667	-0.021	0.0047258
3	2.515	2.5638	2.597	0.028319	2.505	2.5357	2.571	0.020602	-0.051	-0.0281	-0.007	0.018218
10	2.517	2.558	2.585	0.020259	2.466	2.5128	2.545	0.024715	-0.08	-0.0452	-0.006	0.028436
30	2.535	2.563	2.593	0.020461	2.382	2.4668	2.537	0.05913	-0.159	-0.0962	-0.041	0.056002
50	2.531	2.5568	2.582	0.017719	2.353	2.43	2.516	0.06473	-0.201	-0.1268	-0.056	0.070297
100	2.513	2.5559	2.598	0.026367	2.298	2.3834	2.494	0.078649	-0.275	-0.1725	-0.079	0.093456

TID vs Result Stats



TID vs Post - Pre Exposure Delta



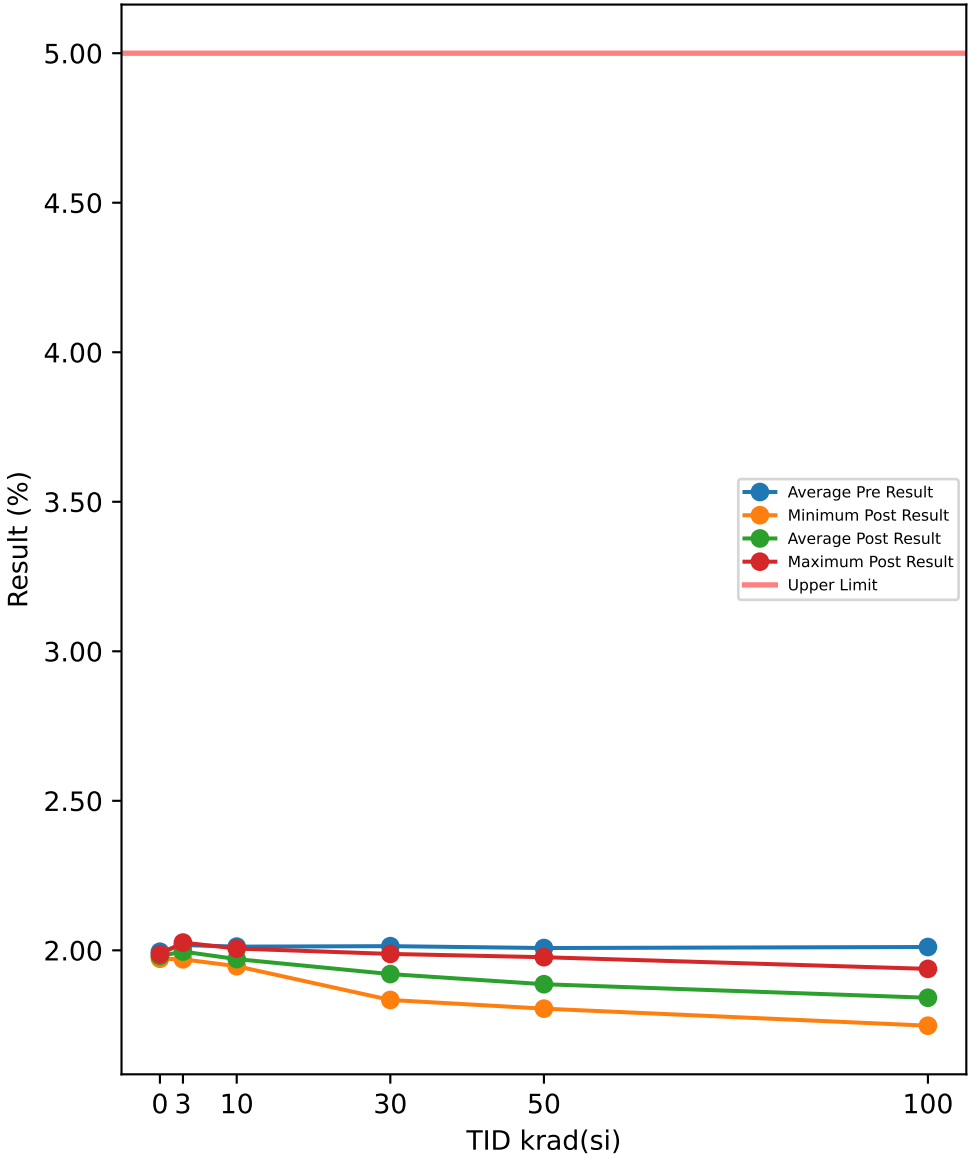
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.489	2.466	-0.023
301	0	Correlation	2.464	2.448	-0.016
302	0	Correlation	2.473	2.46	-0.013
303	3	Bias	2.495	2.469	-0.026
304	3	Bias	2.539	2.512	-0.027
305	3	Bias	2.523	2.494	-0.029
306	3	Bias	2.511	2.488	-0.023
307	3	Bias	2.517	2.497	-0.02
308	3	Unbiased	2.525	2.51	-0.015
309	3	Unbiased	2.476	2.467	-0.009
310	3	Unbiased	2.512	2.505	-0.007
311	3	Unbiased	2.46	2.451	-0.009
312	3	Unbiased	2.447	2.438	-0.009
313	10	Bias	2.524	2.489	-0.035
314	10	Bias	2.48	2.442	-0.038
315	10	Bias	2.521	2.481	-0.04
316	10	Bias	2.486	2.463	-0.023
317	10	Bias	2.538	2.497	-0.041
318	10	Unbiased	2.453	2.432	-0.021
319	10	Unbiased	2.507	2.484	-0.023
320	10	Unbiased	2.488	2.497	0.009
321	10	Unbiased	2.526	2.463	-0.063
322	10	Unbiased	2.511	2.485	-0.026
323	30	Bias	2.522	2.464	-0.058
324	30	Bias	2.499	2.442	-0.057
325	30	Bias	2.488	2.424	-0.064
326	30	Bias	2.468	2.403	-0.065
327	30	Bias	2.544	2.479	-0.065
328	30	Unbiased	2.475	2.432	-0.043
329	30	Unbiased	2.527	2.484	-0.043
330	30	Unbiased	2.468	2.425	-0.043
331	30	Unbiased	2.517	2.471	-0.046
332	30	Unbiased	2.511	2.468	-0.043
333	50	Bias	2.492	2.424	-0.068
334	50	Bias	2.479	2.412	-0.067
335	50	Bias	2.516	2.443	-0.073
336	50	Bias	2.523	2.45	-0.073
337	50	Bias	2.513	2.439	-0.074
338	50	Unbiased	2.486	2.43	-0.056
339	50	Unbiased	2.459	2.41	-0.049
340	50	Unbiased	2.493	2.437	-0.056
341	50	Unbiased	2.54	2.484	-0.056
342	50	Unbiased	2.473	2.418	-0.055
343	100	Bias	2.466	2.389	-0.077
344	100	Bias	2.508	2.425	-0.083
345	100	Bias	2.51	2.426	-0.084
346	100	Bias	2.511	2.431	-0.08
347	100	Bias	2.489	2.414	-0.075
348	100	Unbiased	2.475	2.4	-0.075
349	100	Unbiased	2.524	2.447	-0.077
350	100	Unbiased	2.468	2.383	-0.085
351	100	Unbiased	2.475	2.394	-0.081
352	100	Unbiased	2.445	2.368	-0.077

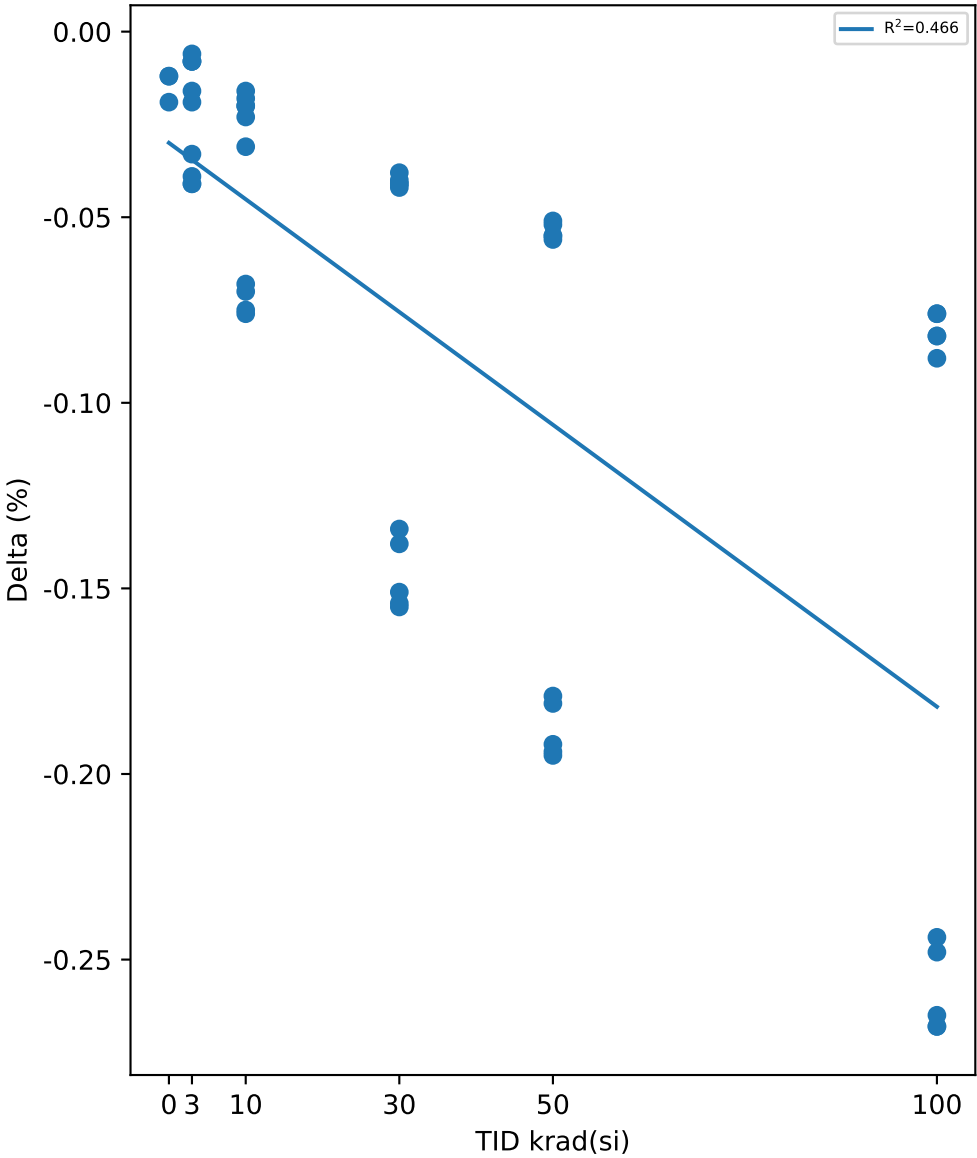
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.464	2.4753	2.489	0.012662	2.448	2.458	2.466	0.0091652	-0.023	-0.017333	-0.013	0.0051316
3	2.447	2.5005	2.539	0.030252	2.438	2.4831	2.512	0.025597	-0.029	-0.0174	-0.007	0.008592
10	2.453	2.5034	2.538	0.02612	2.432	2.4733	2.497	0.022554	-0.063	-0.0301	0.009	0.018604
30	2.468	2.5019	2.544	0.026543	2.403	2.4492	2.484	0.027587	-0.065	-0.0527	-0.043	0.0099894
50	2.459	2.4974	2.54	0.025048	2.41	2.4347	2.484	0.021853	-0.074	-0.0627	-0.049	0.0092382
100	2.445	2.4871	2.524	0.025327	2.368	2.4077	2.447	0.02482	-0.085	-0.0794	-0.075	0.0037178

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 5.0 (%))

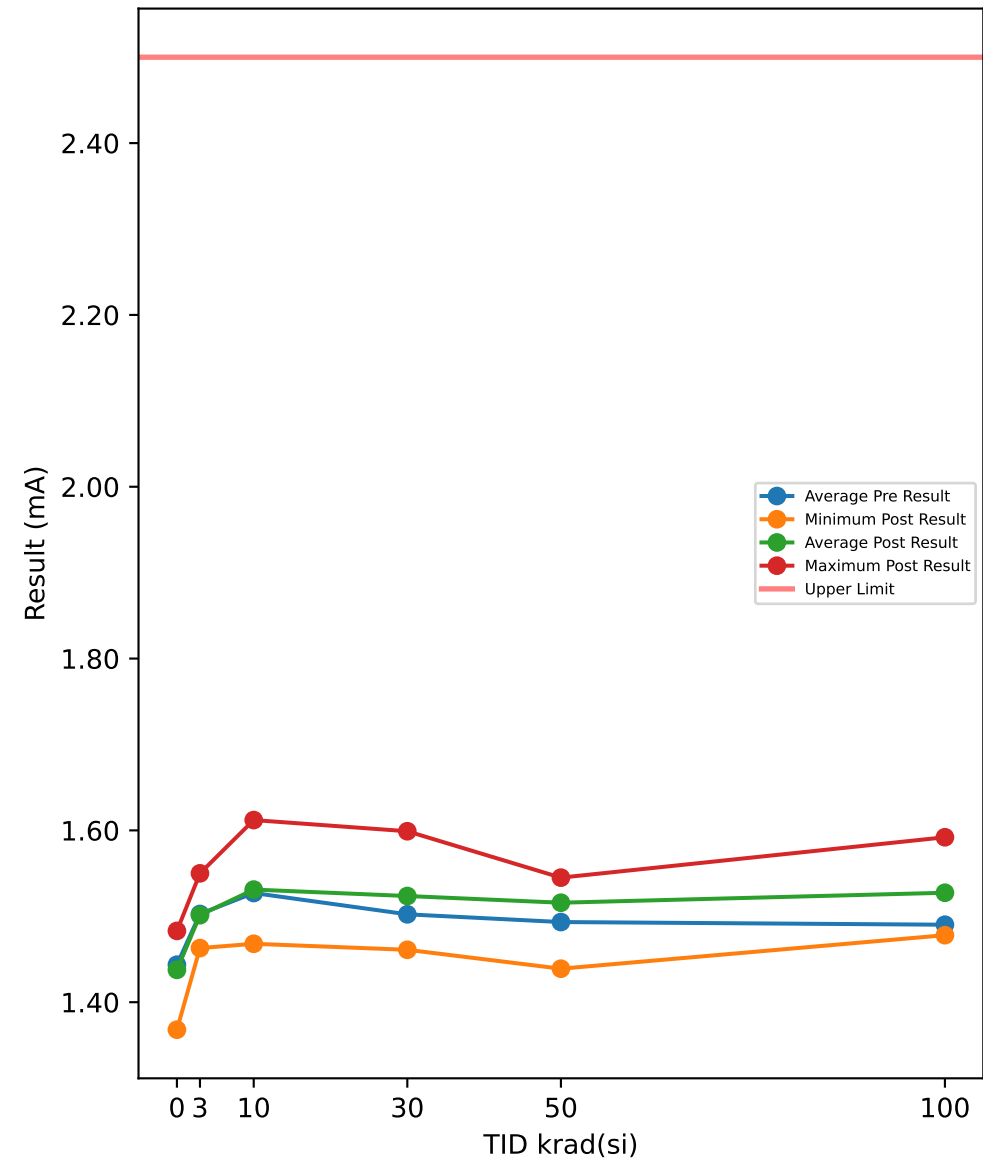
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.006	1.987	-0.019
301	0	Correlation	1.984	1.972	-0.012
302	0	Correlation	1.996	1.984	-0.012
303	3	Bias	2.033	1.994	-0.039
304	3	Bias	2.044	2.003	-0.041
305	3	Bias	2.026	1.985	-0.041
306	3	Bias	2.003	1.97	-0.033
307	3	Bias	2.037	2.018	-0.019
308	3	Unbiased	2.042	2.026	-0.016
309	3	Unbiased	2.002	1.994	-0.008
310	3	Unbiased	2.021	2.015	-0.006
311	3	Unbiased	1.983	1.975	-0.008
312	3	Unbiased	1.986	1.978	-0.008
313	10	Bias	2.017	1.949	-0.068
314	10	Bias	2.025	1.955	-0.07
315	10	Bias	2.028	1.952	-0.076
316	10	Bias	1.995	1.975	-0.02
317	10	Bias	2.022	1.947	-0.075
318	10	Unbiased	1.998	1.98	-0.018
319	10	Unbiased	2.026	2.006	-0.02
320	10	Unbiased	1.991	1.975	-0.016
321	10	Unbiased	2	1.969	-0.031
322	10	Unbiased	2.022	1.999	-0.023
323	30	Bias	2.05	1.912	-0.138
324	30	Bias	2.006	1.872	-0.134
325	30	Bias	2.02	1.865	-0.155
326	30	Bias	1.985	1.834	-0.151
327	30	Bias	2.049	1.895	-0.154
328	30	Unbiased	1.995	1.955	-0.04
329	30	Unbiased	2.015	1.977	-0.038
330	30	Unbiased	1.992	1.951	-0.041
331	30	Unbiased	1.999	1.957	-0.042
332	30	Unbiased	2.029	1.988	-0.041
333	50	Bias	1.984	1.805	-0.179
334	50	Bias	2.001	1.82	-0.181
335	50	Bias	2.016	1.822	-0.194
336	50	Bias	2.011	1.819	-0.192
337	50	Bias	2.013	1.818	-0.195
338	50	Unbiased	1.999	1.947	-0.052
339	50	Unbiased	1.988	1.937	-0.051
340	50	Unbiased	2.025	1.969	-0.056
341	50	Unbiased	2.032	1.977	-0.055
342	50	Unbiased	2.008	1.953	-0.055
343	100	Bias	1.992	1.748	-0.244
344	100	Bias	2.009	1.761	-0.248
345	100	Bias	2.032	1.767	-0.265
346	100	Bias	2.04	1.772	-0.268
347	100	Bias	2.021	1.753	-0.268
348	100	Unbiased	1.999	1.923	-0.076
349	100	Unbiased	2.014	1.938	-0.076
350	100	Unbiased	2.006	1.918	-0.088
351	100	Unbiased	2.009	1.927	-0.082
352	100	Unbiased	1.989	1.907	-0.082

Test Statistics (%)

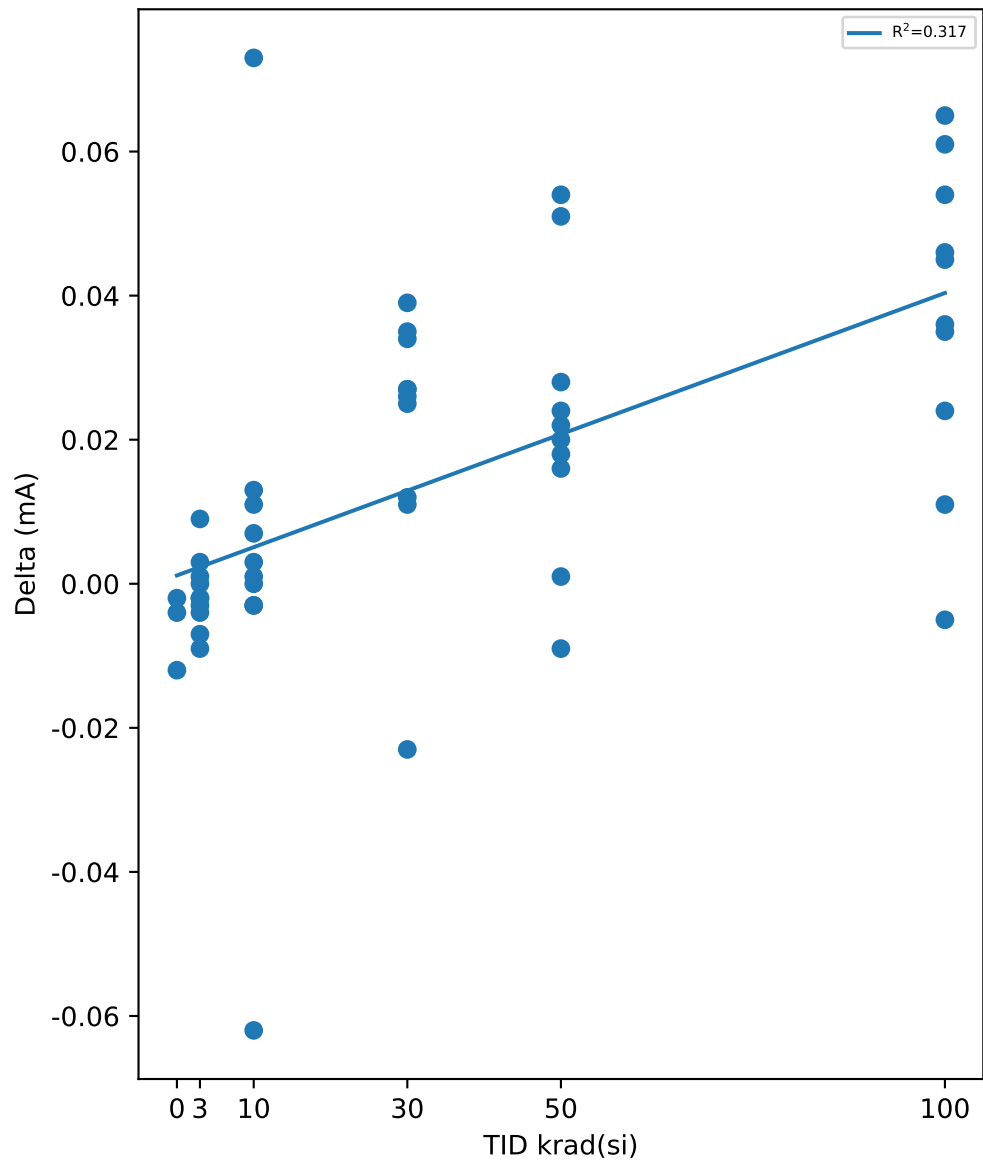
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.984	1.9953	2.006	0.011015	1.972	1.981	1.987	0.0079373	-0.019	-0.014333	-0.012	0.0040415
3	1.983	2.0177	2.044	0.022706	1.97	1.9958	2.026	0.019332	-0.041	-0.0219	-0.006	0.014985
10	1.991	2.0124	2.028	0.014585	1.947	1.9707	2.006	0.020554	-0.076	-0.0417	-0.016	0.026679
30	1.985	2.014	2.05	0.022993	1.834	1.9206	1.988	0.052534	-0.155	-0.0934	-0.038	0.05625
50	1.984	2.0077	2.032	0.015159	1.805	1.8867	1.977	0.074612	-0.195	-0.121	-0.051	0.071031
100	1.989	2.0111	2.04	0.016374	1.748	1.8414	1.938	0.08618	-0.268	-0.1697	-0.076	0.09409

Device Test: 6.7 ; IQ

TID vs Result Stats



TID vs Post - Pre Exposure Delta



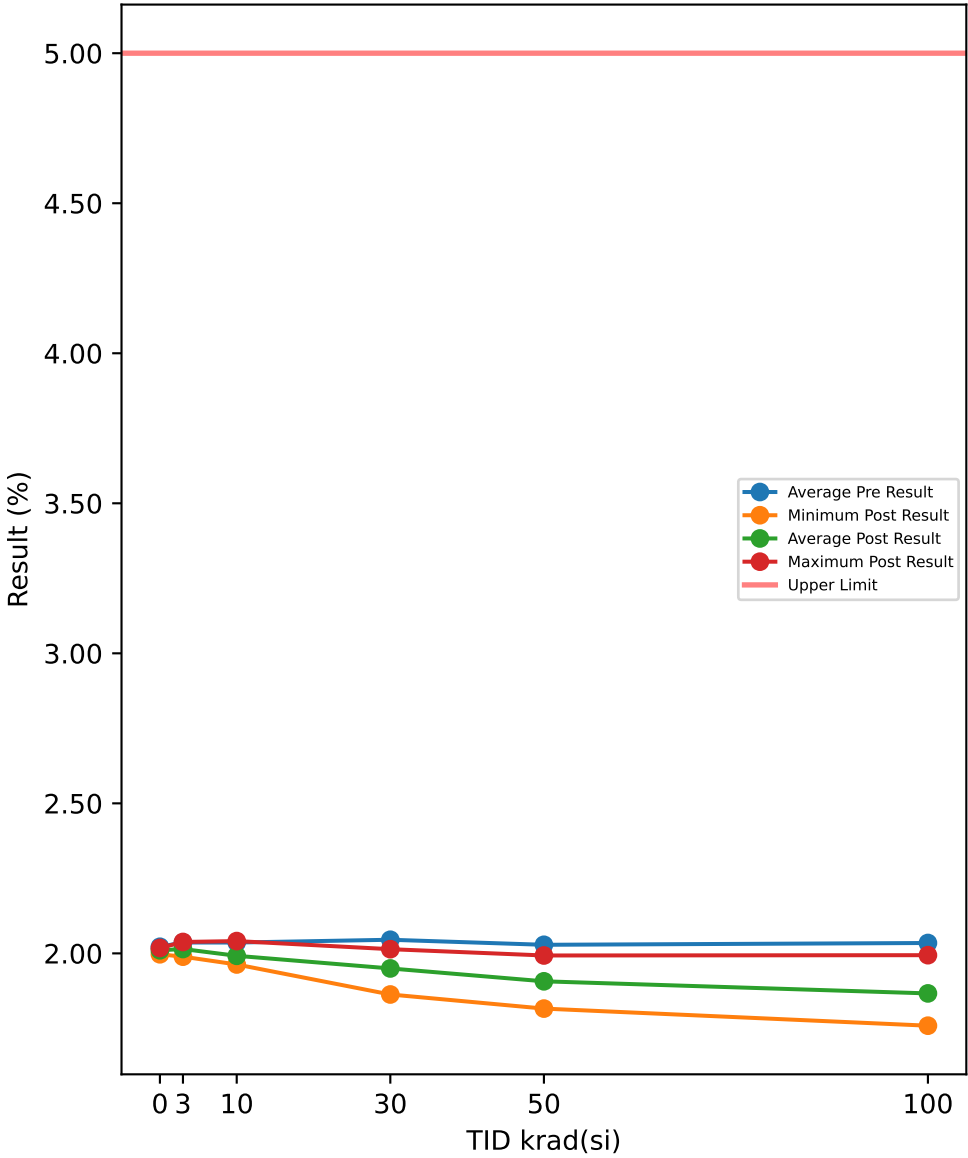
Test Results (Upper Limit = 2.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.495	1.483	-0.012
301	0	Correlation	1.372	1.368	-0.004
302	0	Correlation	1.464	1.462	-0.002
303	3	Bias	1.492	1.495	0.003
304	3	Bias	1.523	1.514	-0.009
305	3	Bias	1.557	1.55	-0.007
306	3	Bias	1.48	1.476	-0.004
307	3	Bias	1.533	1.531	-0.002
308	3	Unbiased	1.529	1.526	-0.003
309	3	Unbiased	1.463	1.463	0
310	3	Unbiased	1.485	1.486	0.001
311	3	Unbiased	1.481	1.479	-0.002
312	3	Unbiased	1.484	1.493	0.009
313	10	Bias	1.457	1.468	0.011
314	10	Bias	1.558	1.558	0
315	10	Bias	1.595	1.608	0.013
316	10	Bias	1.478	1.475	-0.003
317	10	Bias	1.488	1.485	-0.003
318	10	Unbiased	1.522	1.525	0.003
319	10	Unbiased	1.605	1.612	0.007
320	10	Unbiased	1.489	1.562	0.073
321	10	Unbiased	1.557	1.495	-0.062
322	10	Unbiased	1.522	1.523	0.001
323	30	Bias	1.462	1.496	0.034
324	30	Bias	1.484	1.461	-0.023
325	30	Bias	1.542	1.569	0.027
326	30	Bias	1.574	1.599	0.025
327	30	Bias	1.53	1.541	0.011
328	30	Unbiased	1.506	1.533	0.027
329	30	Unbiased	1.446	1.485	0.039
330	30	Unbiased	1.457	1.492	0.035
331	30	Unbiased	1.476	1.502	0.026
332	30	Unbiased	1.546	1.558	0.012
333	50	Bias	1.51	1.526	0.016
334	50	Bias	1.527	1.545	0.018
335	50	Bias	1.465	1.519	0.054
336	50	Bias	1.522	1.523	0.001
337	50	Bias	1.512	1.54	0.028
338	50	Unbiased	1.482	1.506	0.024
339	50	Unbiased	1.417	1.439	0.022
340	50	Unbiased	1.492	1.543	0.051
341	50	Unbiased	1.531	1.522	-0.009
342	50	Unbiased	1.475	1.495	0.02
343	100	Bias	1.509	1.533	0.024
344	100	Bias	1.547	1.592	0.045
345	100	Bias	1.483	1.478	-0.005
346	100	Bias	1.47	1.535	0.065
347	100	Bias	1.515	1.526	0.011
348	100	Unbiased	1.469	1.53	0.061
349	100	Unbiased	1.496	1.532	0.036
350	100	Unbiased	1.45	1.485	0.035
351	100	Unbiased	1.526	1.58	0.054
352	100	Unbiased	1.437	1.483	0.046

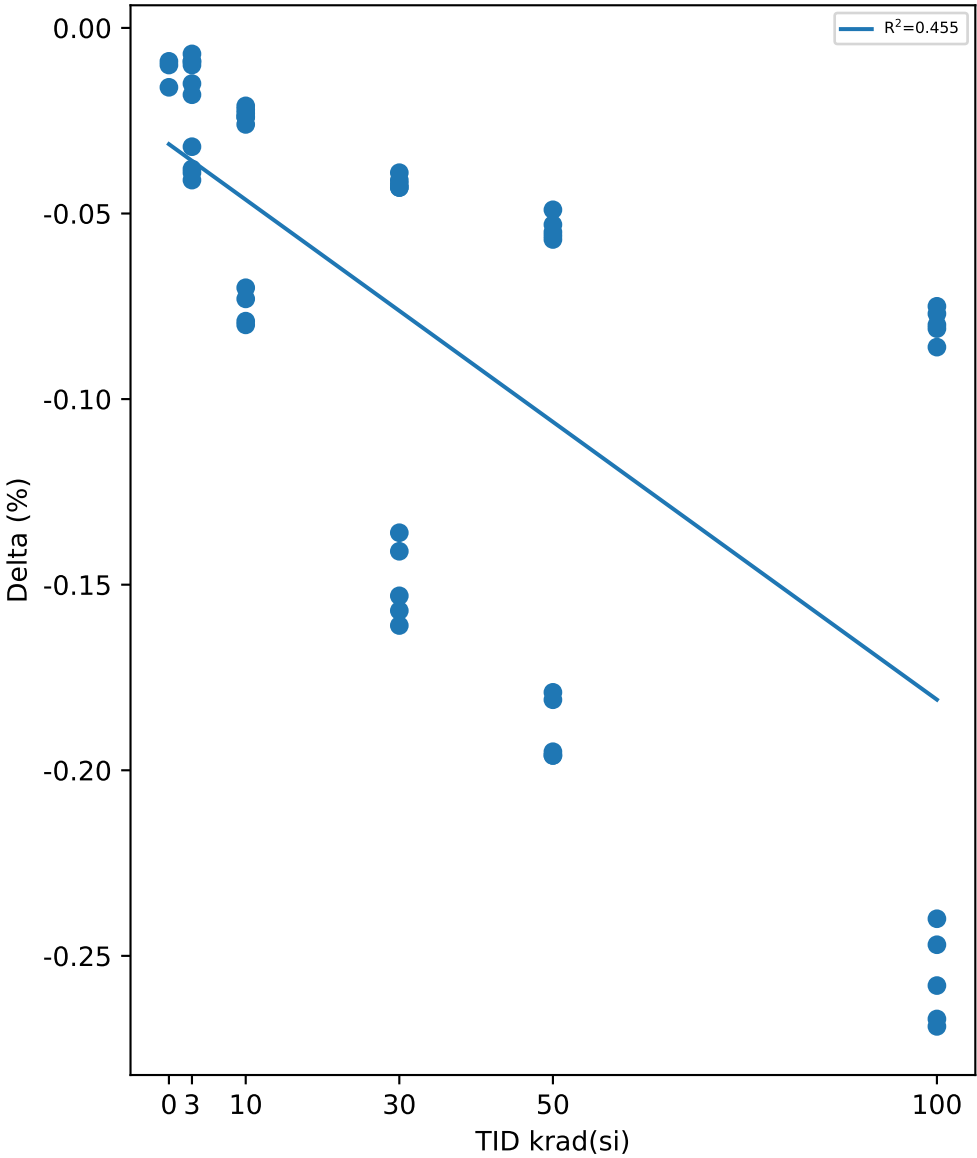
Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.372	1.4437	1.495	0.063971	1.368	1.4377	1.483	0.06124	-0.012	-0.006	-0.002	0.0052915
3	1.463	1.5027	1.557	0.030387	1.463	1.5013	1.55	0.027833	-0.009	-0.0014	0.009	0.0051034
10	1.457	1.5271	1.605	0.050426	1.468	1.5311	1.612	0.05249	-0.062	0.004	0.073	0.032283
30	1.446	1.5023	1.574	0.043818	1.461	1.5236	1.599	0.043406	-0.023	0.0213	0.039	0.018006
50	1.417	1.4933	1.531	0.035113	1.439	1.5158	1.545	0.031286	-0.009	0.0225	0.054	0.019323
100	1.437	1.4902	1.547	0.034746	1.478	1.5274	1.592	0.038396	-0.005	0.0372	0.065	0.02213

TID vs Result Stats



TID vs Post - Pre Exposure Delta



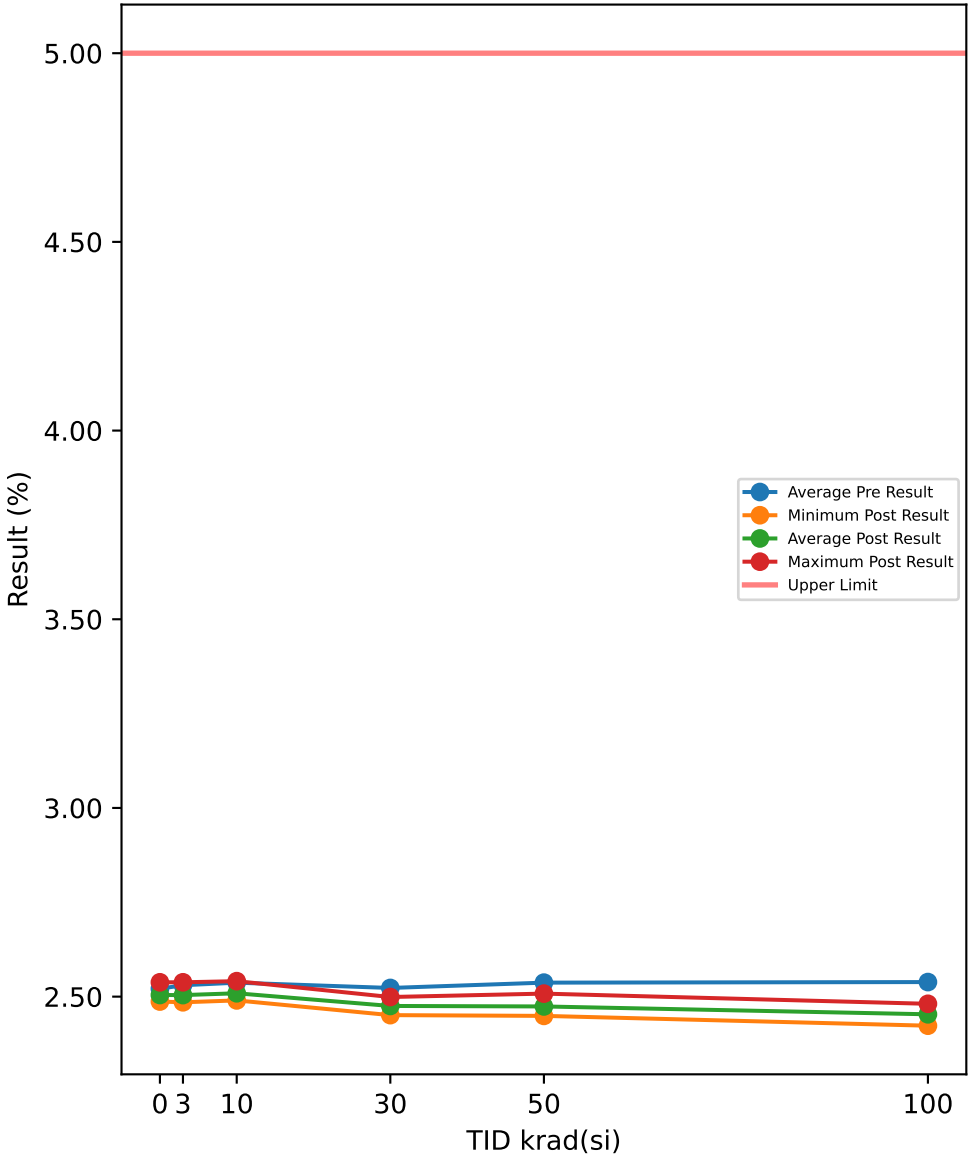
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.034	2.018	-0.016
301	0	Correlation	2.007	1.997	-0.01
302	0	Correlation	2.025	2.016	-0.009
303	3	Bias	2.049	2.011	-0.038
304	3	Bias	2.054	2.015	-0.039
305	3	Bias	2.053	2.012	-0.041
306	3	Bias	2.038	2.006	-0.032
307	3	Bias	2.055	2.037	-0.018
308	3	Unbiased	2.053	2.038	-0.015
309	3	Unbiased	2.024	2.014	-0.01
310	3	Unbiased	2.033	2.026	-0.007
311	3	Unbiased	2.006	1.997	-0.009
312	3	Unbiased	1.998	1.989	-0.009
313	10	Bias	2.05	1.98	-0.07
314	10	Bias	2.036	1.963	-0.073
315	10	Bias	2.047	1.967	-0.08
316	10	Bias	2.021	1.998	-0.023
317	10	Bias	2.049	1.97	-0.079
318	10	Unbiased	2.001	1.98	-0.021
319	10	Unbiased	2.063	2.041	-0.022
320	10	Unbiased	2.025	2.001	-0.024
321	10	Unbiased	2.028	2.002	-0.026
322	10	Unbiased	2.041	2.017	-0.024
323	30	Bias	2.08	1.939	-0.141
324	30	Bias	2.039	1.903	-0.136
325	30	Bias	2.033	1.876	-0.157
326	30	Bias	2.016	1.863	-0.153
327	30	Bias	2.094	1.933	-0.161
328	30	Unbiased	2.028	1.987	-0.041
329	30	Unbiased	2.047	2.008	-0.039
330	30	Unbiased	2.024	1.982	-0.042
331	30	Unbiased	2.036	1.993	-0.043
332	30	Unbiased	2.057	2.014	-0.043
333	50	Bias	1.995	1.816	-0.179
334	50	Bias	2.026	1.845	-0.181
335	50	Bias	2.036	1.84	-0.196
336	50	Bias	2.043	1.848	-0.195
337	50	Bias	2.036	1.84	-0.196
338	50	Unbiased	2.03	1.975	-0.055
339	50	Unbiased	2.019	1.97	-0.049
340	50	Unbiased	2.036	1.979	-0.057
341	50	Unbiased	2.049	1.993	-0.056
342	50	Unbiased	2.016	1.963	-0.053
343	100	Bias	1.999	1.759	-0.24
344	100	Bias	2.035	1.788	-0.247
345	100	Bias	2.039	1.781	-0.258
346	100	Bias	2.065	1.798	-0.267
347	100	Bias	2.048	1.779	-0.269
348	100	Unbiased	2.015	1.94	-0.075
349	100	Unbiased	2.071	1.994	-0.077
350	100	Unbiased	2.037	1.951	-0.086
351	100	Unbiased	2.039	1.958	-0.081
352	100	Unbiased	1.998	1.918	-0.08

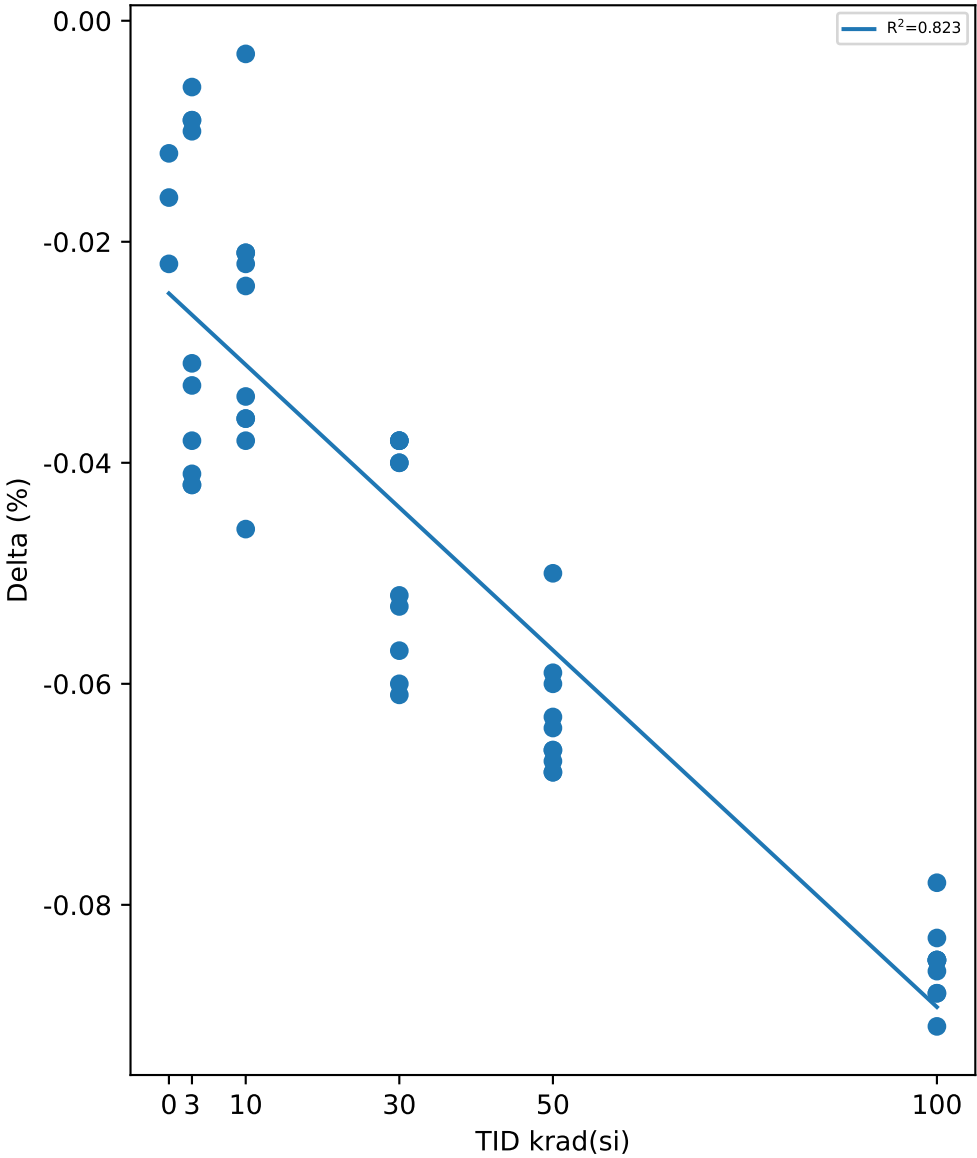
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.007	2.022	2.034	0.013748	1.997	2.0103	2.018	0.01159	-0.016	-0.011667	-0.009	0.0037859
3	1.998	2.0363	2.055	0.020902	1.989	2.0145	2.038	0.015771	-0.041	-0.0218	-0.007	0.014054
10	2.001	2.0361	2.063	0.017873	1.963	1.9919	2.041	0.024678	-0.08	-0.0442	-0.021	0.027112
30	2.016	2.0454	2.094	0.024954	1.863	1.9498	2.014	0.055142	-0.161	-0.0956	-0.039	0.057374
50	1.995	2.0286	2.049	0.015551	1.816	1.9069	1.993	0.073706	-0.196	-0.1217	-0.049	0.071624
100	1.998	2.0346	2.071	0.024641	1.759	1.8666	1.994	0.092617	-0.269	-0.168	-0.075	0.093389

TID vs Result Stats



TID vs Post - Pre Exposure Delta



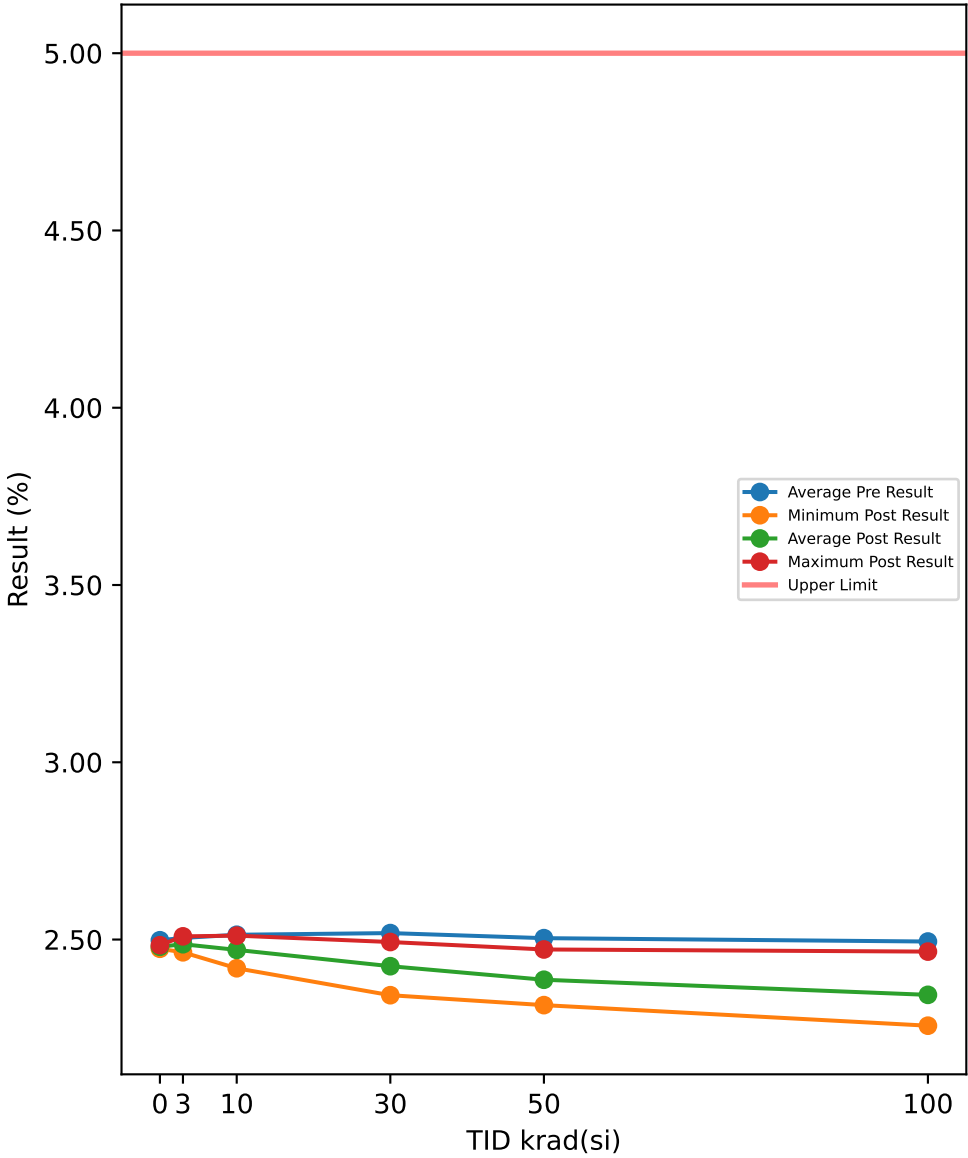
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.509	2.487	-0.022
301	0	Correlation	2.504	2.488	-0.016
302	0	Correlation	2.55	2.538	-0.012
303	3	Bias	2.532	2.491	-0.041
304	3	Bias	2.58	2.538	-0.042
305	3	Bias	2.542	2.5	-0.042
306	3	Bias	2.543	2.505	-0.038
307	3	Bias	2.533	2.5	-0.033
308	3	Unbiased	2.534	2.503	-0.031
309	3	Unbiased	2.537	2.527	-0.01
310	3	Unbiased	2.51	2.504	-0.006
311	3	Unbiased	2.494	2.485	-0.009
312	3	Unbiased	2.497	2.488	-0.009
313	10	Bias	2.536	2.502	-0.034
314	10	Bias	2.548	2.512	-0.036
315	10	Bias	2.529	2.493	-0.036
316	10	Bias	2.532	2.51	-0.022
317	10	Bias	2.533	2.495	-0.038
318	10	Unbiased	2.524	2.503	-0.021
319	10	Unbiased	2.511	2.49	-0.021
320	10	Unbiased	2.556	2.51	-0.046
321	10	Unbiased	2.536	2.533	-0.003
322	10	Unbiased	2.565	2.541	-0.024
323	30	Bias	2.519	2.467	-0.052
324	30	Bias	2.514	2.461	-0.053
325	30	Bias	2.55	2.489	-0.061
326	30	Bias	2.511	2.451	-0.06
327	30	Bias	2.534	2.477	-0.057
328	30	Unbiased	2.502	2.464	-0.038
329	30	Unbiased	2.537	2.499	-0.038
330	30	Unbiased	2.514	2.474	-0.04
331	30	Unbiased	2.528	2.488	-0.04
332	30	Unbiased	2.521	2.483	-0.038
333	50	Bias	2.515	2.455	-0.06
334	50	Bias	2.542	2.479	-0.063
335	50	Bias	2.519	2.453	-0.066
336	50	Bias	2.532	2.466	-0.066
337	50	Bias	2.564	2.496	-0.068
338	50	Unbiased	2.516	2.466	-0.05
339	50	Unbiased	2.508	2.449	-0.059
340	50	Unbiased	2.544	2.477	-0.067
341	50	Unbiased	2.555	2.491	-0.064
342	50	Unbiased	2.576	2.508	-0.068
343	100	Bias	2.529	2.444	-0.085
344	100	Bias	2.543	2.455	-0.088
345	100	Bias	2.535	2.447	-0.088
346	100	Bias	2.557	2.472	-0.085
347	100	Bias	2.547	2.462	-0.085
348	100	Unbiased	2.566	2.481	-0.085
349	100	Unbiased	2.54	2.462	-0.078
350	100	Unbiased	2.514	2.423	-0.091
351	100	Unbiased	2.542	2.456	-0.086
352	100	Unbiased	2.513	2.43	-0.083

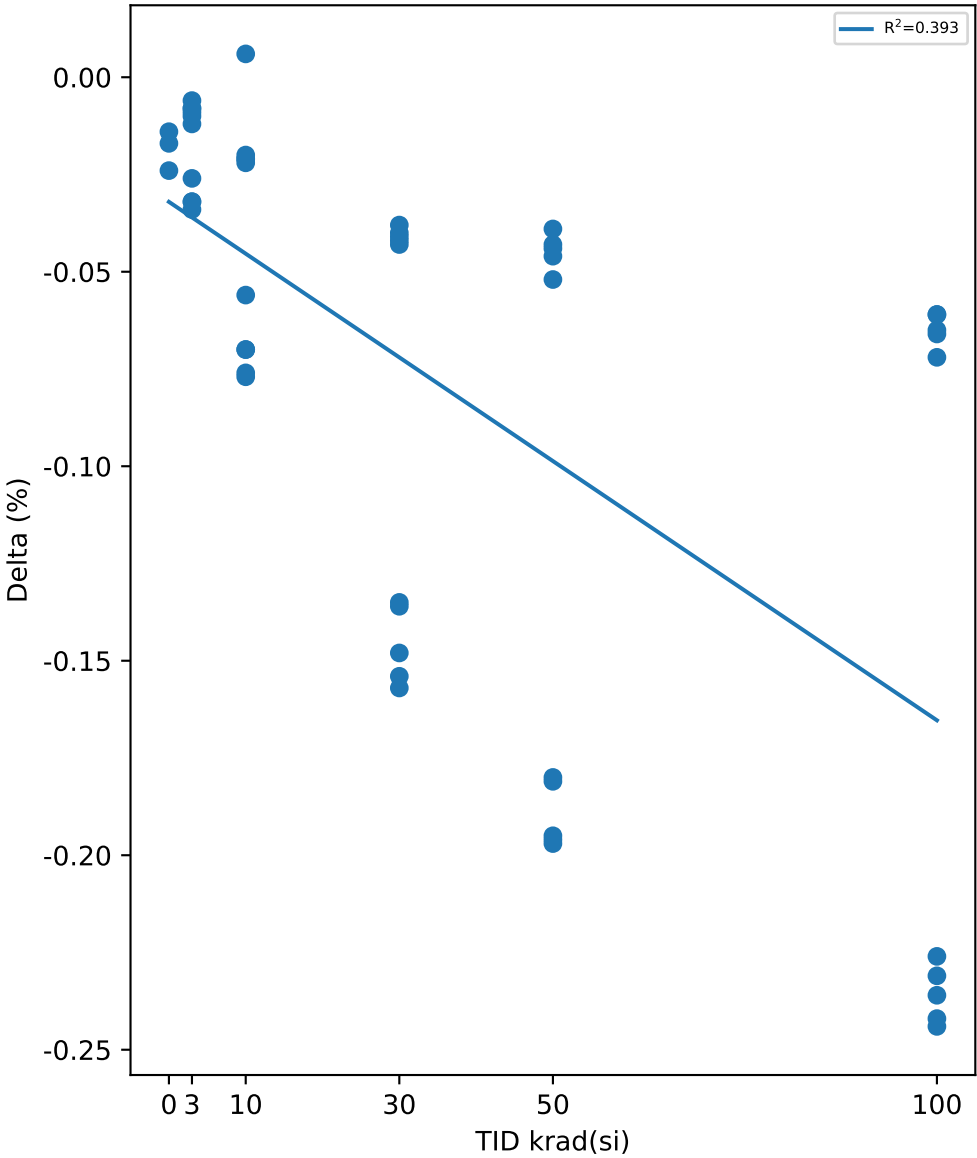
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.504	2.521	2.55	0.025239	2.487	2.5043	2.538	0.02916	-0.022	-0.016667	-0.012	0.0050332
3	2.494	2.5302	2.58	0.025112	2.485	2.5041	2.538	0.016683	-0.042	-0.0261	-0.006	0.015595
10	2.511	2.537	2.565	0.015699	2.49	2.5089	2.541	0.016696	-0.046	-0.0281	-0.003	0.012306
30	2.502	2.523	2.55	0.014291	2.451	2.4753	2.499	0.01478	-0.061	-0.0477	-0.038	0.0097872
50	2.508	2.5371	2.576	0.023005	2.449	2.474	2.508	0.019771	-0.068	-0.0631	-0.05	0.0055668
100	2.513	2.5386	2.566	0.01686	2.423	2.4532	2.481	0.017844	-0.091	-0.0854	-0.078	0.0034383

TID vs Result Stats



TID vs Post - Pre Exposure Delta



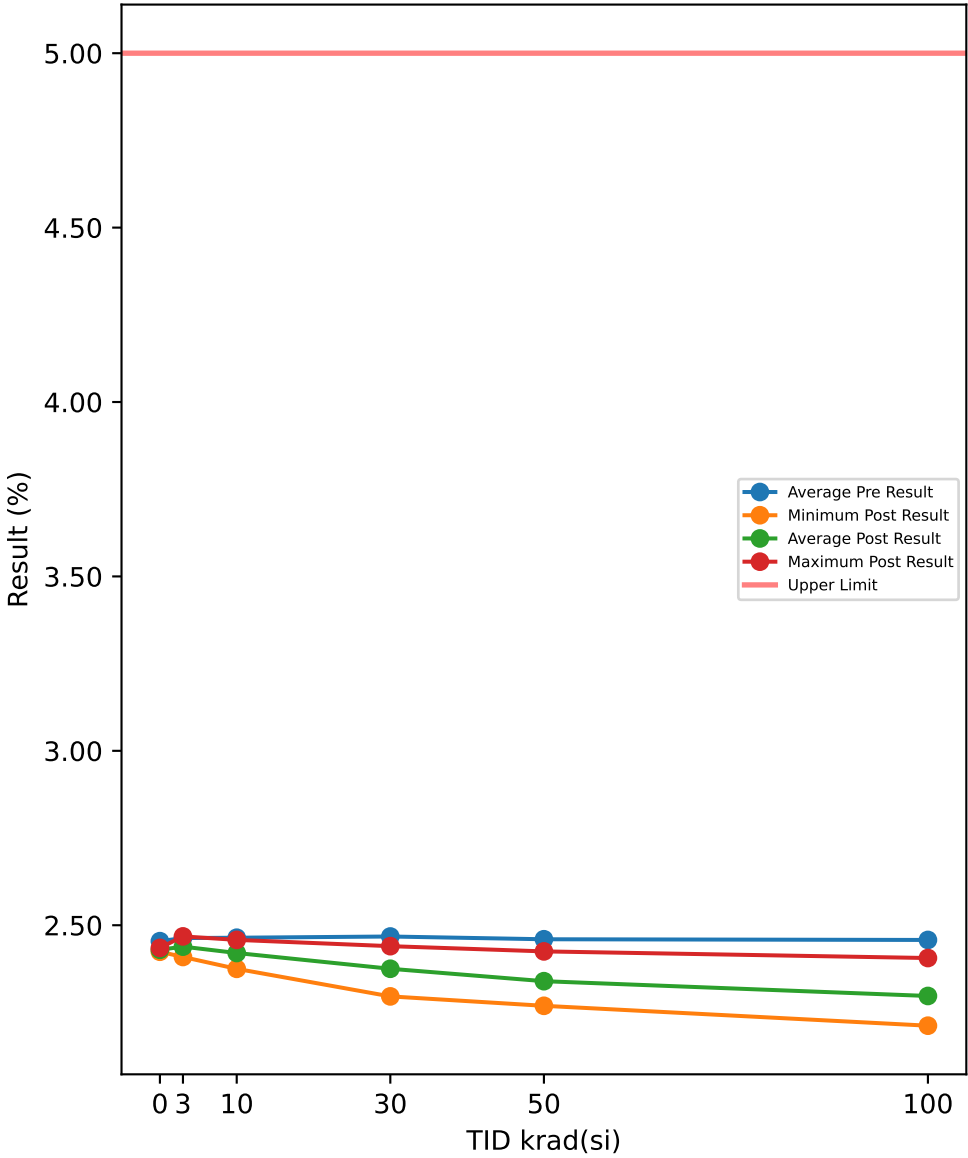
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.505	2.481	-0.024
301	0	Correlation	2.491	2.474	-0.017
302	0	Correlation	2.498	2.484	-0.014
303	3	Bias	2.51	2.478	-0.032
304	3	Bias	2.511	2.479	-0.032
305	3	Bias	2.531	2.497	-0.034
306	3	Bias	2.511	2.485	-0.026
307	3	Bias	2.508	2.496	-0.012
308	3	Unbiased	2.516	2.508	-0.008
309	3	Unbiased	2.482	2.472	-0.01
310	3	Unbiased	2.515	2.509	-0.006
311	3	Unbiased	2.488	2.48	-0.008
312	3	Unbiased	2.473	2.464	-0.009
313	10	Bias	2.528	2.458	-0.07
314	10	Bias	2.489	2.419	-0.07
315	10	Bias	2.53	2.454	-0.076
316	10	Bias	2.505	2.484	-0.021
317	10	Bias	2.538	2.461	-0.077
318	10	Unbiased	2.476	2.456	-0.02
319	10	Unbiased	2.522	2.501	-0.021
320	10	Unbiased	2.505	2.511	0.006
321	10	Unbiased	2.539	2.483	-0.056
322	10	Unbiased	2.503	2.481	-0.022
323	30	Bias	2.525	2.389	-0.136
324	30	Bias	2.523	2.388	-0.135
325	30	Bias	2.5	2.343	-0.157
326	30	Bias	2.507	2.353	-0.154
327	30	Bias	2.542	2.394	-0.148
328	30	Unbiased	2.508	2.468	-0.04
329	30	Unbiased	2.528	2.49	-0.038
330	30	Unbiased	2.499	2.457	-0.042
331	30	Unbiased	2.516	2.473	-0.043
332	30	Unbiased	2.534	2.493	-0.041
333	50	Bias	2.52	2.34	-0.18
334	50	Bias	2.496	2.315	-0.181
335	50	Bias	2.514	2.318	-0.196
336	50	Bias	2.52	2.323	-0.197
337	50	Bias	2.525	2.33	-0.195
338	50	Unbiased	2.504	2.452	-0.052
339	50	Unbiased	2.472	2.433	-0.039
340	50	Unbiased	2.489	2.443	-0.046
341	50	Unbiased	2.515	2.472	-0.043
342	50	Unbiased	2.484	2.44	-0.044
343	100	Bias	2.483	2.257	-0.226
344	100	Bias	2.502	2.271	-0.231
345	100	Bias	2.502	2.26	-0.242
346	100	Bias	2.512	2.268	-0.244
347	100	Bias	2.511	2.275	-0.236
348	100	Unbiased	2.477	2.416	-0.061
349	100	Unbiased	2.527	2.466	-0.061
350	100	Unbiased	2.483	2.411	-0.072
351	100	Unbiased	2.469	2.403	-0.066
352	100	Unbiased	2.478	2.413	-0.065

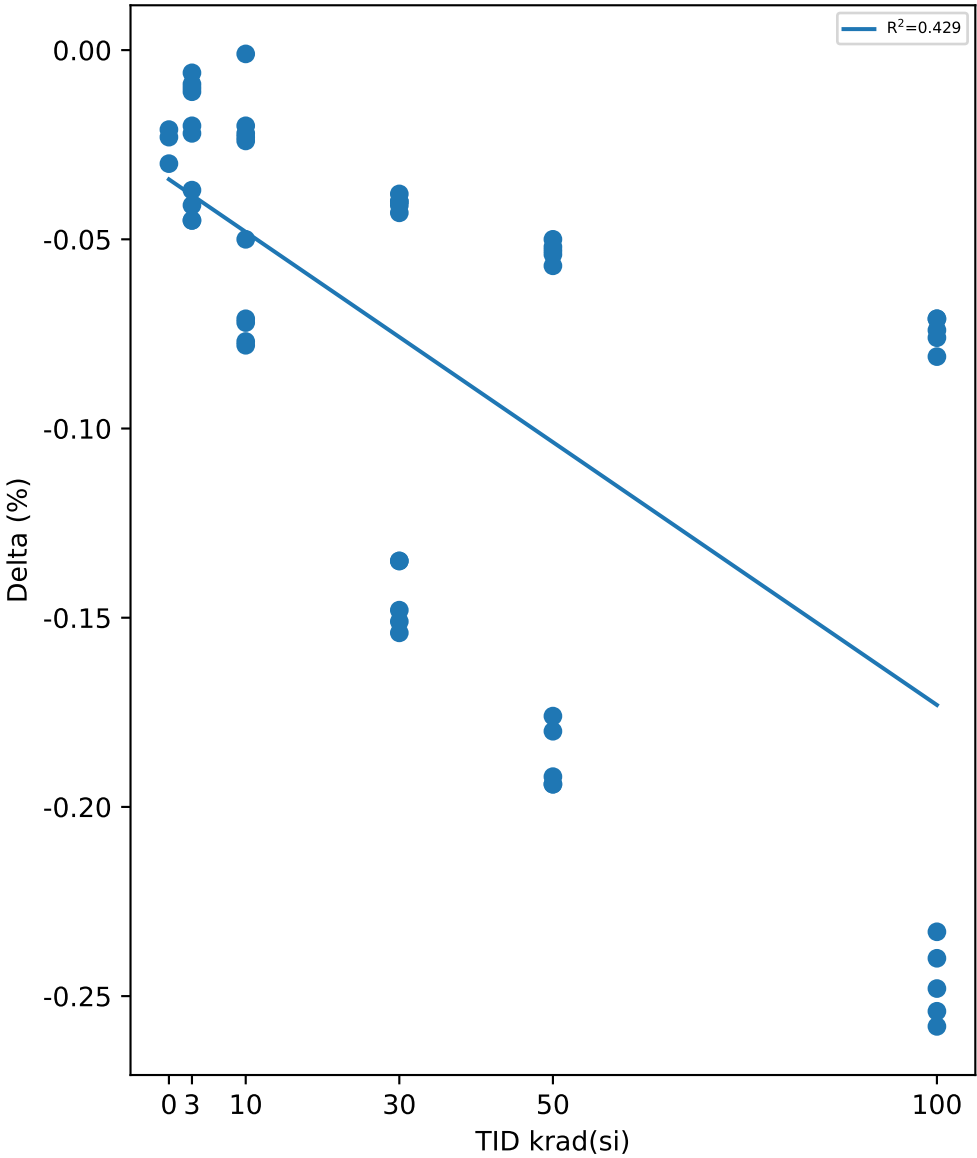
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.491	2.498	2.505	0.007	2.474	2.4797	2.484	0.0051316	-0.024	-0.018333	-0.014	0.0051316
3	2.473	2.5045	2.531	0.017772	2.464	2.4868	2.509	0.01512	-0.034	-0.0177	-0.006	0.011719
10	2.476	2.5135	2.539	0.021256	2.419	2.4708	2.511	0.026666	-0.077	-0.0427	0.006	0.030203
30	2.499	2.5182	2.542	0.014589	2.343	2.4248	2.493	0.05731	-0.157	-0.0934	-0.038	0.055869
50	2.472	2.5039	2.525	0.01791	2.315	2.3866	2.472	0.065835	-0.197	-0.1173	-0.039	0.076699
100	2.469	2.4944	2.527	0.018975	2.257	2.344	2.466	0.083858	-0.244	-0.1504	-0.061	0.090209

TID vs Result Stats



TID vs Post - Pre Exposure Delta



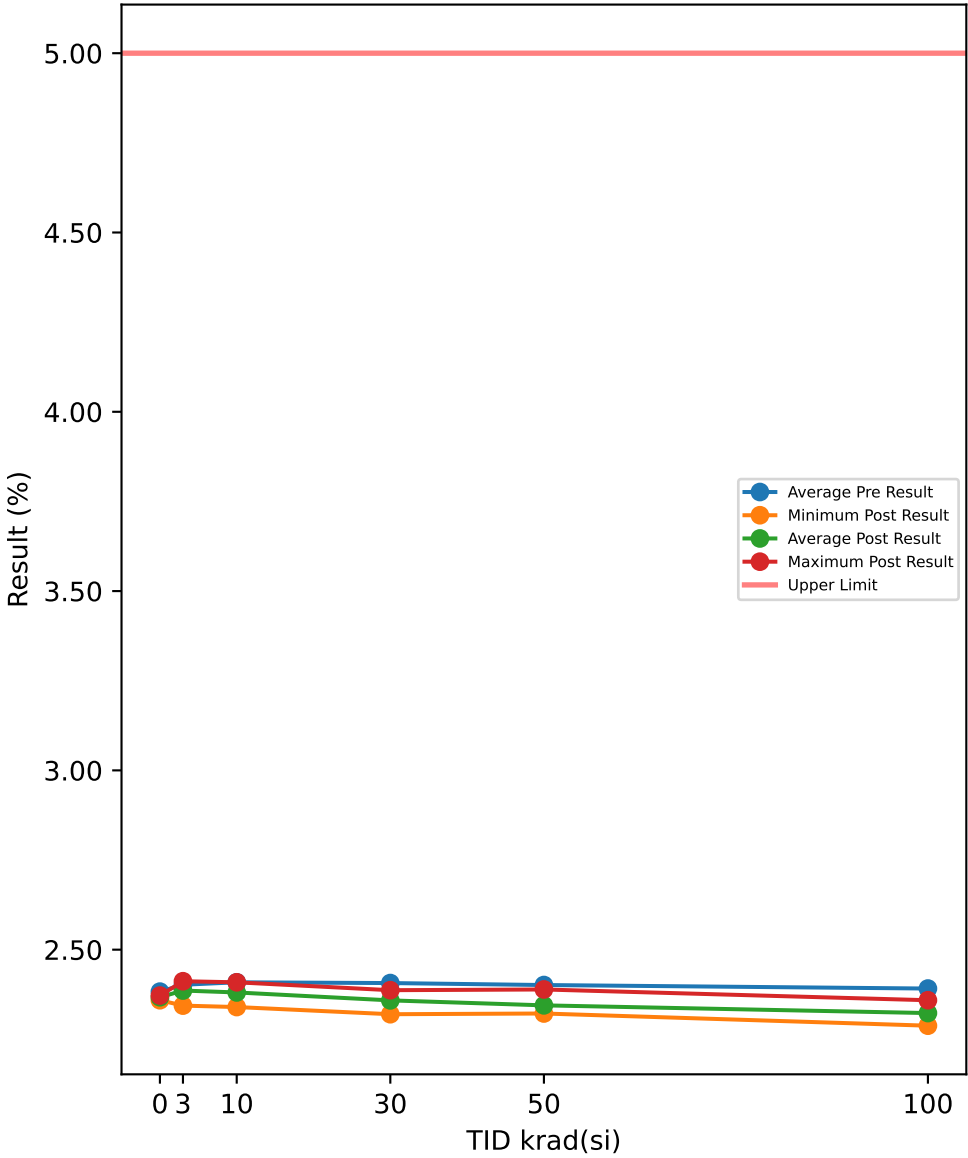
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.465	2.435	-0.03
301	0	Correlation	2.447	2.424	-0.023
302	0	Correlation	2.451	2.43	-0.021
303	3	Bias	2.468	2.427	-0.041
304	3	Bias	2.491	2.446	-0.045
305	3	Bias	2.48	2.435	-0.045
306	3	Bias	2.48	2.443	-0.037
307	3	Bias	2.466	2.444	-0.022
308	3	Unbiased	2.488	2.468	-0.02
309	3	Unbiased	2.44	2.43	-0.01
310	3	Unbiased	2.465	2.459	-0.006
311	3	Unbiased	2.436	2.425	-0.011
312	3	Unbiased	2.418	2.409	-0.009
313	10	Bias	2.482	2.41	-0.072
314	10	Bias	2.446	2.375	-0.071
315	10	Bias	2.475	2.398	-0.077
316	10	Bias	2.457	2.434	-0.023
317	10	Bias	2.489	2.411	-0.078
318	10	Unbiased	2.422	2.402	-0.02
319	10	Unbiased	2.465	2.443	-0.022
320	10	Unbiased	2.459	2.458	-0.001
321	10	Unbiased	2.486	2.436	-0.05
322	10	Unbiased	2.461	2.437	-0.024
323	30	Bias	2.479	2.344	-0.135
324	30	Bias	2.467	2.332	-0.135
325	30	Bias	2.457	2.303	-0.154
326	30	Bias	2.447	2.296	-0.151
327	30	Bias	2.495	2.347	-0.148
328	30	Unbiased	2.449	2.409	-0.04
329	30	Unbiased	2.478	2.44	-0.038
330	30	Unbiased	2.445	2.404	-0.041
331	30	Unbiased	2.481	2.438	-0.043
332	30	Unbiased	2.479	2.439	-0.04
333	50	Bias	2.464	2.288	-0.176
334	50	Bias	2.449	2.269	-0.18
335	50	Bias	2.467	2.275	-0.192
336	50	Bias	2.482	2.288	-0.194
337	50	Bias	2.477	2.283	-0.194
338	50	Unbiased	2.452	2.4	-0.052
339	50	Unbiased	2.435	2.385	-0.05
340	50	Unbiased	2.447	2.39	-0.057
341	50	Unbiased	2.478	2.425	-0.053
342	50	Unbiased	2.447	2.393	-0.054
343	100	Bias	2.445	2.212	-0.233
344	100	Bias	2.47	2.23	-0.24
345	100	Bias	2.462	2.214	-0.248
346	100	Bias	2.495	2.237	-0.258
347	100	Bias	2.486	2.232	-0.254
348	100	Unbiased	2.438	2.367	-0.071
349	100	Unbiased	2.477	2.406	-0.071
350	100	Unbiased	2.439	2.358	-0.081
351	100	Unbiased	2.443	2.367	-0.076
352	100	Unbiased	2.423	2.349	-0.074

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.447	2.4543	2.465	0.0094516	2.424	2.4297	2.435	0.0055076	-0.03	-0.024667	-0.021	0.0047258
3	2.418	2.4632	2.491	0.024284	2.409	2.4386	2.468	0.017212	-0.045	-0.0246	-0.006	0.015883
10	2.422	2.4642	2.489	0.020346	2.375	2.4204	2.458	0.025224	-0.078	-0.0438	-0.001	0.028951
30	2.445	2.4677	2.495	0.017295	2.296	2.3752	2.44	0.057063	-0.154	-0.0925	-0.038	0.055259
50	2.435	2.4598	2.482	0.016019	2.269	2.3396	2.425	0.063316	-0.194	-0.1202	-0.05	0.070875
100	2.423	2.4578	2.495	0.023696	2.212	2.2972	2.406	0.077841	-0.258	-0.1606	-0.071	0.090948

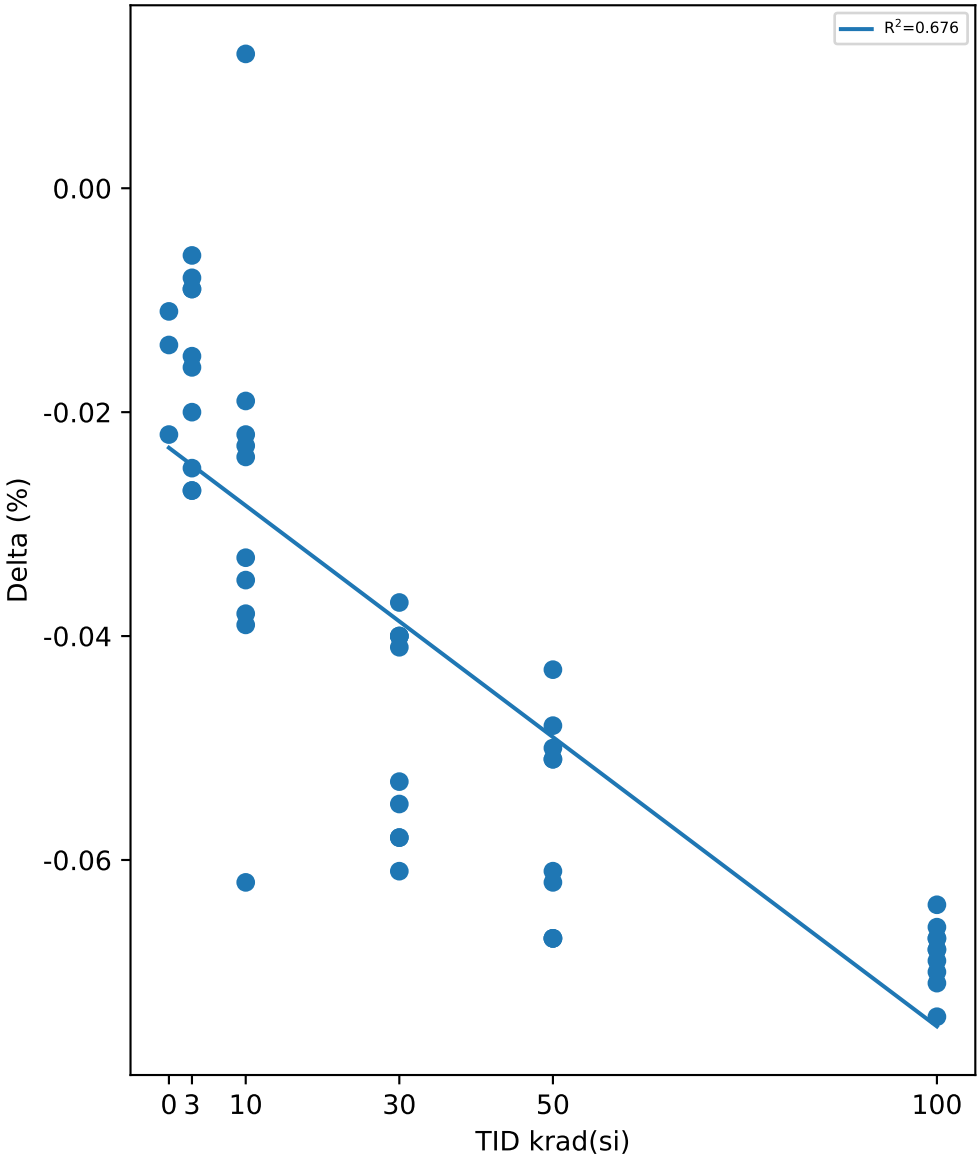
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	2.394	2.372	-0.022
301	0	Correlation	2.373	2.359	-0.014
302	0	Correlation	2.382	2.371	-0.011
303	3	Bias	2.402	2.377	-0.025
304	3	Bias	2.439	2.412	-0.027
305	3	Bias	2.427	2.4	-0.027
306	3	Bias	2.413	2.393	-0.02
307	3	Bias	2.409	2.393	-0.016
308	3	Unbiased	2.421	2.406	-0.015
309	3	Unbiased	2.379	2.37	-0.009
310	3	Unbiased	2.41	2.404	-0.006
311	3	Unbiased	2.37	2.361	-0.009
312	3	Unbiased	2.352	2.344	-0.008
313	10	Bias	2.425	2.392	-0.033
314	10	Bias	2.387	2.352	-0.035
315	10	Bias	2.428	2.39	-0.038
316	10	Bias	2.393	2.37	-0.023
317	10	Bias	2.44	2.401	-0.039
318	10	Unbiased	2.359	2.34	-0.019
319	10	Unbiased	2.411	2.389	-0.022
320	10	Unbiased	2.397	2.409	0.012
321	10	Unbiased	2.436	2.374	-0.062
322	10	Unbiased	2.414	2.39	-0.024
323	30	Bias	2.422	2.367	-0.055
324	30	Bias	2.406	2.353	-0.053
325	30	Bias	2.395	2.337	-0.058
326	30	Bias	2.378	2.32	-0.058
327	30	Bias	2.445	2.384	-0.061
328	30	Unbiased	2.381	2.344	-0.037
329	30	Unbiased	2.427	2.387	-0.04
330	30	Unbiased	2.38	2.34	-0.04
331	30	Unbiased	2.417	2.376	-0.041
332	30	Unbiased	2.418	2.378	-0.04
333	50	Bias	2.402	2.34	-0.062
334	50	Bias	2.389	2.328	-0.061
335	50	Bias	2.417	2.35	-0.067
336	50	Bias	2.422	2.355	-0.067
337	50	Bias	2.416	2.349	-0.067
338	50	Unbiased	2.391	2.34	-0.051
339	50	Unbiased	2.365	2.322	-0.043
340	50	Unbiased	2.393	2.342	-0.051
341	50	Unbiased	2.439	2.389	-0.05
342	50	Unbiased	2.38	2.332	-0.048
343	100	Bias	2.372	2.304	-0.068
344	100	Bias	2.409	2.339	-0.07
345	100	Bias	2.409	2.338	-0.071
346	100	Bias	2.414	2.346	-0.068
347	100	Bias	2.401	2.335	-0.066
348	100	Unbiased	2.379	2.315	-0.064
349	100	Unbiased	2.426	2.359	-0.067
350	100	Unbiased	2.374	2.3	-0.074
351	100	Unbiased	2.377	2.308	-0.069
352	100	Unbiased	2.355	2.288	-0.067

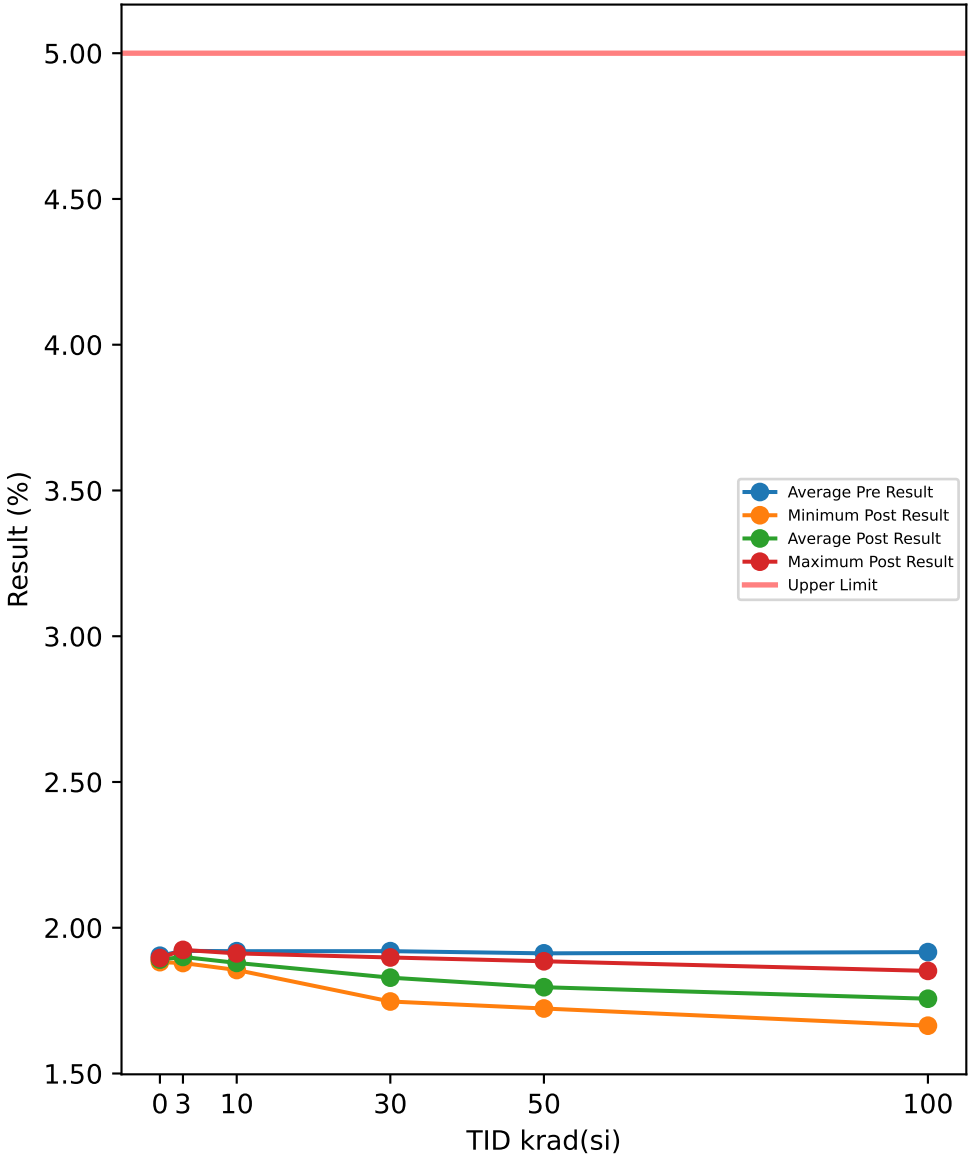
TID vs Post - Pre Exposure Delta



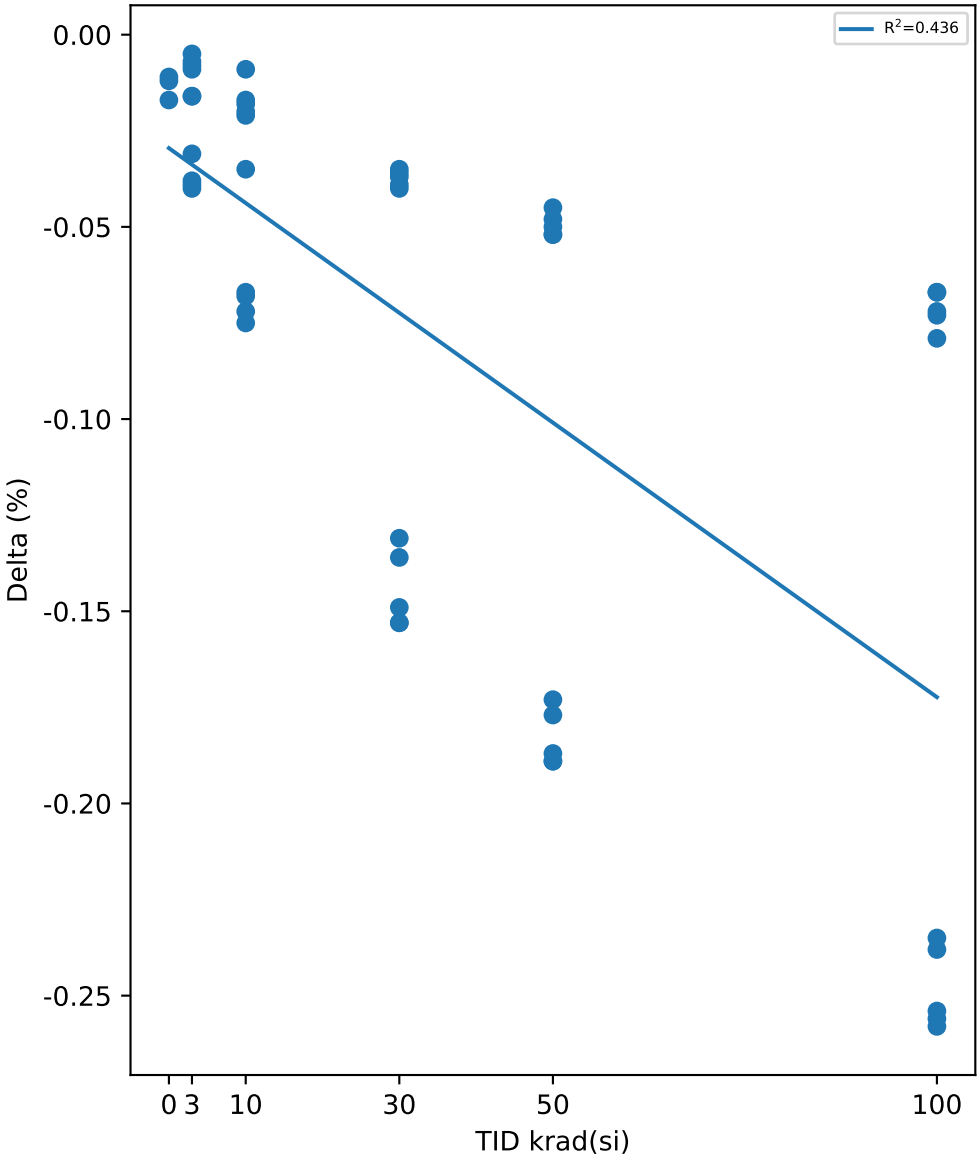
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.373	2.383	2.394	0.010536	2.359	2.3673	2.372	0.0072342	-0.022	-0.015667	-0.011	0.0056862
3	2.352	2.4022	2.439	0.027165	2.344	2.386	2.412	0.022161	-0.027	-0.0162	-0.006	0.0081758
10	2.359	2.409	2.44	0.02521	2.34	2.3807	2.409	0.021659	-0.062	-0.0283	0.012	0.01888
30	2.378	2.4069	2.445	0.022806	2.32	2.3586	2.387	0.02297	-0.061	-0.0483	-0.037	0.0094522
50	2.365	2.4014	2.439	0.022137	2.322	2.3447	2.389	0.018625	-0.067	-0.0567	-0.043	0.009056
100	2.355	2.3916	2.426	0.023056	2.288	2.3232	2.359	0.023223	-0.074	-0.0684	-0.064	0.0027968

TID vs Result Stats



TID vs Post - Pre Exposure Delta



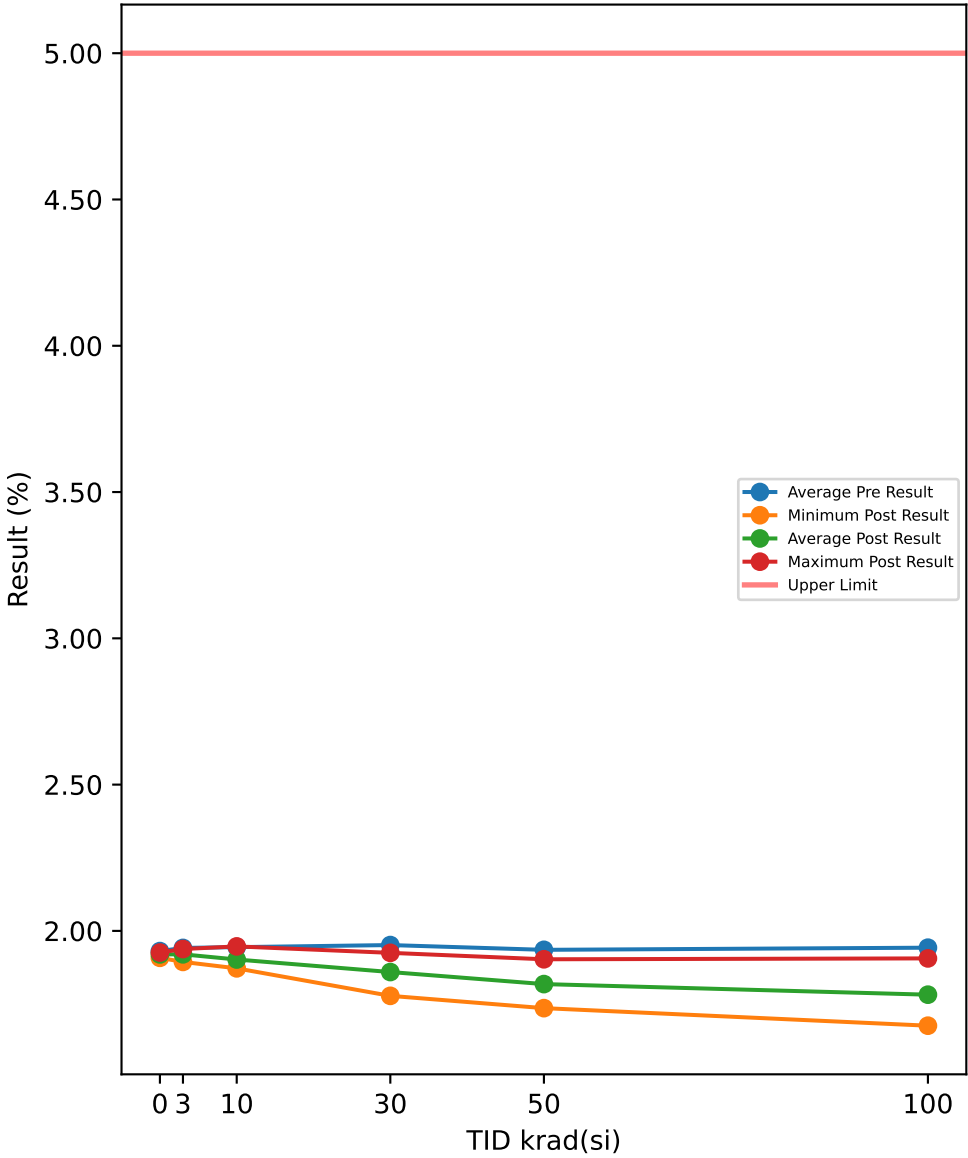
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.913	1.896	-0.017
301	0	Correlation	1.894	1.882	-0.012
302	0	Correlation	1.905	1.894	-0.011
303	3	Bias	1.941	1.903	-0.038
304	3	Bias	1.946	1.907	-0.039
305	3	Bias	1.932	1.892	-0.04
306	3	Bias	1.91	1.879	-0.031
307	3	Bias	1.93	1.914	-0.016
308	3	Unbiased	1.94	1.924	-0.016
309	3	Unbiased	1.907	1.898	-0.009
310	3	Unbiased	1.921	1.916	-0.005
311	3	Unbiased	1.893	1.885	-0.008
312	3	Unbiased	1.888	1.881	-0.007
313	10	Bias	1.922	1.855	-0.067
314	10	Bias	1.929	1.861	-0.068
315	10	Bias	1.937	1.862	-0.075
316	10	Bias	1.903	1.883	-0.02
317	10	Bias	1.929	1.857	-0.072
318	10	Unbiased	1.901	1.884	-0.017
319	10	Unbiased	1.93	1.912	-0.018
320	10	Unbiased	1.902	1.893	-0.009
321	10	Unbiased	1.917	1.882	-0.035
322	10	Unbiased	1.926	1.905	-0.021
323	30	Bias	1.949	1.813	-0.136
324	30	Bias	1.911	1.78	-0.131
325	30	Bias	1.925	1.772	-0.153
326	30	Bias	1.896	1.747	-0.149
327	30	Bias	1.955	1.802	-0.153
328	30	Unbiased	1.901	1.865	-0.036
329	30	Unbiased	1.919	1.884	-0.035
330	30	Unbiased	1.902	1.862	-0.04
331	30	Unbiased	1.904	1.865	-0.039
332	30	Unbiased	1.935	1.898	-0.037
333	50	Bias	1.896	1.723	-0.173
334	50	Bias	1.91	1.733	-0.177
335	50	Bias	1.919	1.73	-0.189
336	50	Bias	1.913	1.726	-0.187
337	50	Bias	1.918	1.729	-0.189
338	50	Unbiased	1.902	1.854	-0.048
339	50	Unbiased	1.891	1.846	-0.045
340	50	Unbiased	1.924	1.872	-0.052
341	50	Unbiased	1.935	1.885	-0.05
342	50	Unbiased	1.914	1.862	-0.052
343	100	Bias	1.899	1.664	-0.235
344	100	Bias	1.916	1.678	-0.238
345	100	Bias	1.935	1.681	-0.254
346	100	Bias	1.944	1.688	-0.256
347	100	Bias	1.933	1.675	-0.258
348	100	Unbiased	1.902	1.835	-0.067
349	100	Unbiased	1.919	1.852	-0.067
350	100	Unbiased	1.911	1.832	-0.079
351	100	Unbiased	1.909	1.837	-0.072
352	100	Unbiased	1.896	1.823	-0.073

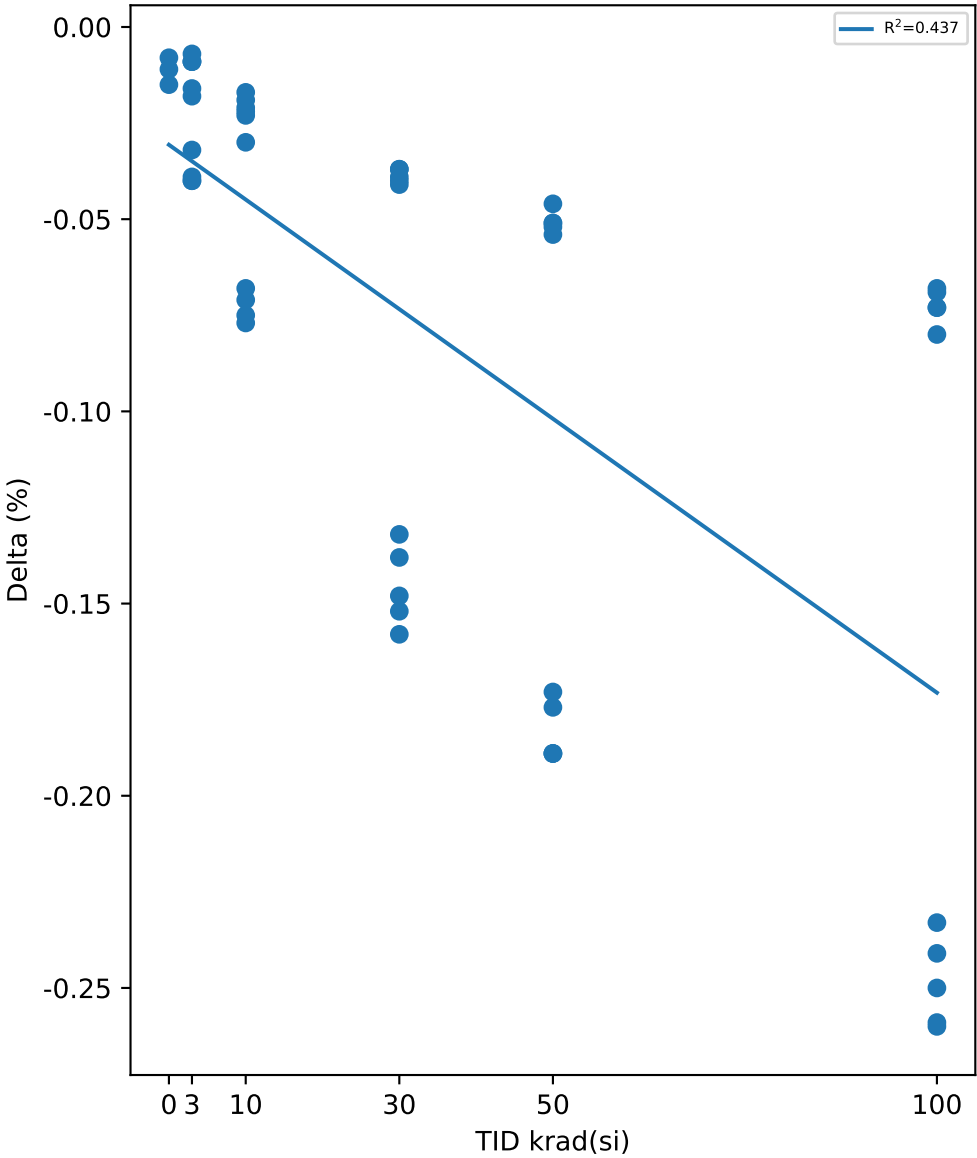
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.894	1.904	1.913	0.0095394	1.882	1.8907	1.896	0.0075719	-0.017	-0.013333	-0.011	0.0032146
3	1.888	1.9208	1.946	0.020487	1.879	1.8999	1.924	0.015567	-0.04	-0.0209	-0.005	0.014487
10	1.901	1.9196	1.937	0.013218	1.855	1.8794	1.912	0.020228	-0.075	-0.0402	-0.009	0.026919
30	1.896	1.9197	1.955	0.020854	1.747	1.8288	1.898	0.05252	-0.153	-0.0909	-0.035	0.056822
50	1.891	1.9122	1.935	0.013181	1.723	1.796	1.885	0.072234	-0.189	-0.1162	-0.045	0.070618
100	1.896	1.9164	1.944	0.016331	1.664	1.7565	1.852	0.084089	-0.258	-0.1599	-0.067	0.093415

TID vs Result Stats



TID vs Post - Pre Exposure Delta



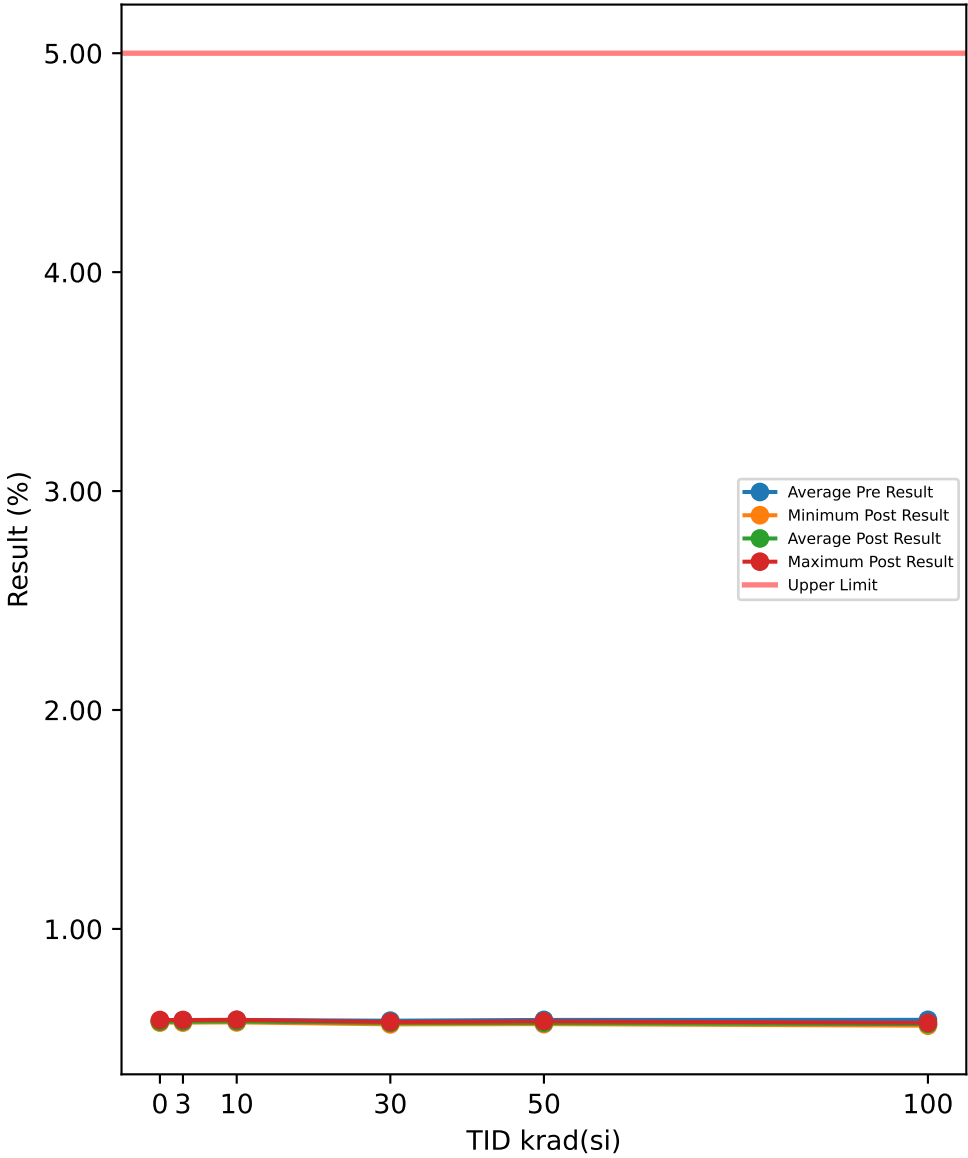
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	1.941	1.926	-0.015
301	0	Correlation	1.919	1.908	-0.011
302	0	Correlation	1.933	1.925	-0.008
303	3	Bias	1.961	1.922	-0.039
304	3	Bias	1.959	1.919	-0.04
305	3	Bias	1.96	1.92	-0.04
306	3	Bias	1.947	1.915	-0.032
307	3	Bias	1.952	1.934	-0.018
308	3	Unbiased	1.954	1.938	-0.016
309	3	Unbiased	1.929	1.92	-0.009
310	3	Unbiased	1.936	1.929	-0.007
311	3	Unbiased	1.917	1.908	-0.009
312	3	Unbiased	1.903	1.894	-0.009
313	10	Bias	1.955	1.887	-0.068
314	10	Bias	1.943	1.872	-0.071
315	10	Bias	1.957	1.88	-0.077
316	10	Bias	1.93	1.907	-0.023
317	10	Bias	1.956	1.881	-0.075
318	10	Unbiased	1.907	1.888	-0.019
319	10	Unbiased	1.968	1.947	-0.021
320	10	Unbiased	1.937	1.92	-0.017
321	10	Unbiased	1.945	1.915	-0.03
322	10	Unbiased	1.947	1.925	-0.022
323	30	Bias	1.981	1.843	-0.138
324	30	Bias	1.944	1.812	-0.132
325	30	Bias	1.94	1.788	-0.152
326	30	Bias	1.926	1.778	-0.148
327	30	Bias	2	1.842	-0.158
328	30	Unbiased	1.934	1.897	-0.037
329	30	Unbiased	1.952	1.915	-0.037
330	30	Unbiased	1.934	1.893	-0.041
331	30	Unbiased	1.941	1.901	-0.04
332	30	Unbiased	1.964	1.925	-0.039
333	50	Bias	1.909	1.736	-0.173
334	50	Bias	1.936	1.759	-0.177
335	50	Bias	1.941	1.752	-0.189
336	50	Bias	1.946	1.757	-0.189
337	50	Bias	1.943	1.754	-0.189
338	50	Unbiased	1.934	1.883	-0.051
339	50	Unbiased	1.926	1.88	-0.046
340	50	Unbiased	1.938	1.884	-0.054
341	50	Unbiased	1.954	1.903	-0.051
342	50	Unbiased	1.926	1.874	-0.052
343	100	Bias	1.909	1.676	-0.233
344	100	Bias	1.945	1.704	-0.241
345	100	Bias	1.945	1.695	-0.25
346	100	Bias	1.974	1.715	-0.259
347	100	Bias	1.962	1.702	-0.26
348	100	Unbiased	1.922	1.854	-0.068
349	100	Unbiased	1.975	1.906	-0.069
350	100	Unbiased	1.945	1.865	-0.08
351	100	Unbiased	1.941	1.868	-0.073
352	100	Unbiased	1.908	1.835	-0.073

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.919	1.931	1.941	0.011136	1.908	1.9197	1.926	0.010116	-0.015	-0.011333	-0.008	0.0035119
3	1.903	1.9418	1.961	0.019982	1.894	1.9199	1.938	0.012697	-0.04	-0.0219	-0.007	0.014224
10	1.907	1.9445	1.968	0.017103	1.872	1.9022	1.947	0.024307	-0.077	-0.0423	-0.017	0.026521
30	1.926	1.9516	2	0.023429	1.778	1.8594	1.925	0.053965	-0.158	-0.0922	-0.037	0.056737
50	1.909	1.9353	1.954	0.012606	1.736	1.8182	1.903	0.070839	-0.189	-0.1171	-0.046	0.070107
100	1.908	1.9426	1.975	0.023996	1.676	1.782	1.906	0.090328	-0.26	-0.1606	-0.068	0.093137

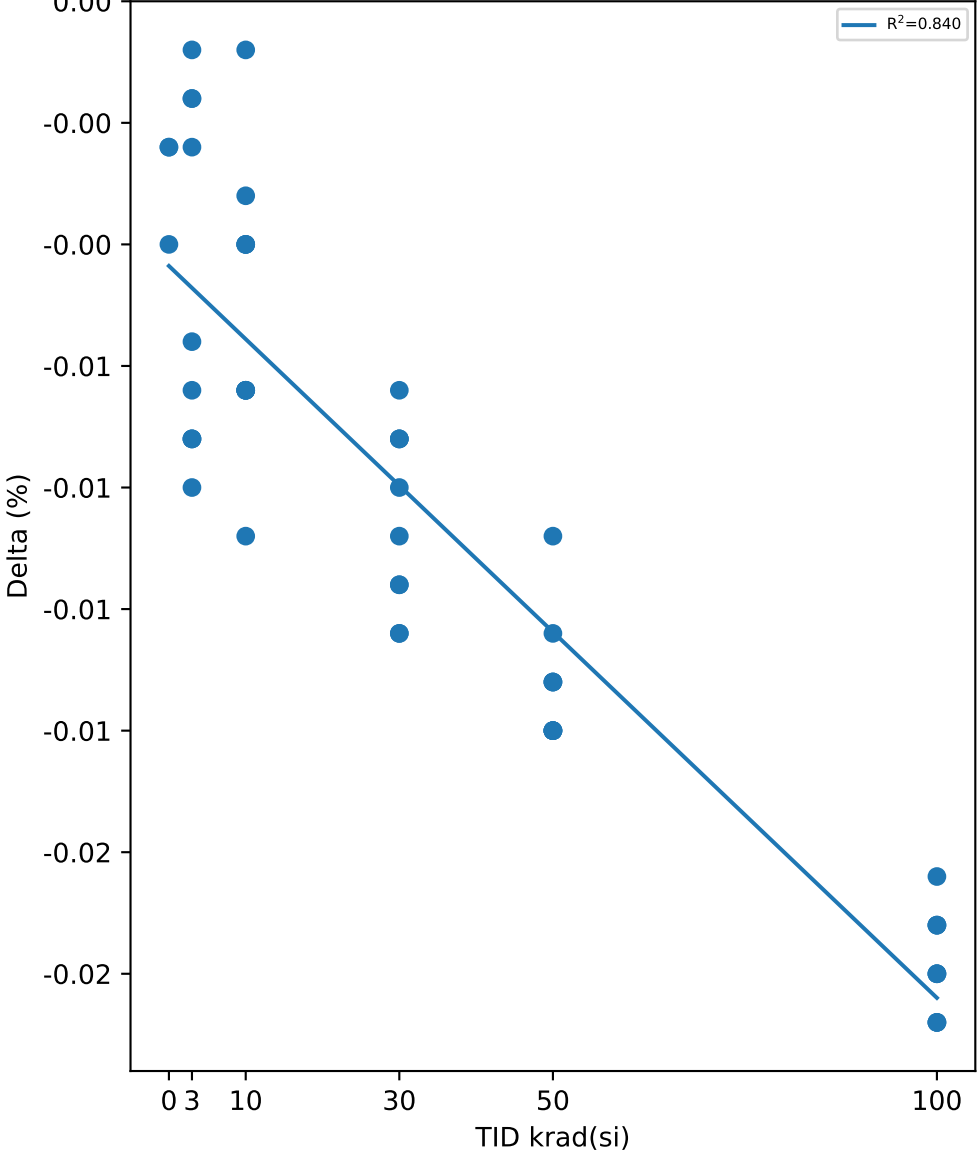
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.578	0.573	-0.005
301	0	Correlation	0.575	0.572	-0.003
302	0	Correlation	0.587	0.584	-0.003
303	3	Bias	0.582	0.573	-0.009
304	3	Bias	0.594	0.584	-0.01
305	3	Bias	0.585	0.576	-0.009
306	3	Bias	0.586	0.577	-0.009
307	3	Bias	0.585	0.577	-0.008
308	3	Unbiased	0.584	0.577	-0.007
309	3	Unbiased	0.585	0.583	-0.002
310	3	Unbiased	0.579	0.577	-0.002
311	3	Unbiased	0.573	0.572	-0.001
312	3	Unbiased	0.576	0.573	-0.003
313	10	Bias	0.584	0.576	-0.008
314	10	Bias	0.587	0.579	-0.008
315	10	Bias	0.582	0.574	-0.008
316	10	Bias	0.583	0.579	-0.004
317	10	Bias	0.583	0.575	-0.008
318	10	Unbiased	0.582	0.577	-0.005
319	10	Unbiased	0.578	0.573	-0.005
320	10	Unbiased	0.588	0.577	-0.011
321	10	Unbiased	0.583	0.582	-0.001
322	10	Unbiased	0.59	0.585	-0.005
323	30	Bias	0.58	0.569	-0.011
324	30	Bias	0.579	0.567	-0.012
325	30	Bias	0.587	0.574	-0.013
326	30	Bias	0.577	0.564	-0.013
327	30	Bias	0.584	0.572	-0.012
328	30	Unbiased	0.577	0.568	-0.009
329	30	Unbiased	0.584	0.575	-0.009
330	30	Unbiased	0.578	0.57	-0.008
331	30	Unbiased	0.583	0.573	-0.01
332	30	Unbiased	0.58	0.571	-0.009
333	50	Bias	0.579	0.565	-0.014
334	50	Bias	0.585	0.571	-0.014
335	50	Bias	0.58	0.565	-0.015
336	50	Bias	0.583	0.569	-0.014
337	50	Bias	0.591	0.576	-0.015
338	50	Unbiased	0.58	0.569	-0.011
339	50	Unbiased	0.578	0.565	-0.013
340	50	Unbiased	0.587	0.572	-0.015
341	50	Unbiased	0.588	0.573	-0.015
342	50	Unbiased	0.593	0.578	-0.015
343	100	Bias	0.583	0.564	-0.019
344	100	Bias	0.586	0.566	-0.02
345	100	Bias	0.584	0.563	-0.021
346	100	Bias	0.588	0.569	-0.019
347	100	Bias	0.586	0.566	-0.02
348	100	Unbiased	0.591	0.571	-0.02
349	100	Unbiased	0.585	0.567	-0.018
350	100	Unbiased	0.579	0.558	-0.021
351	100	Unbiased	0.587	0.566	-0.021
352	100	Unbiased	0.579	0.56	-0.019

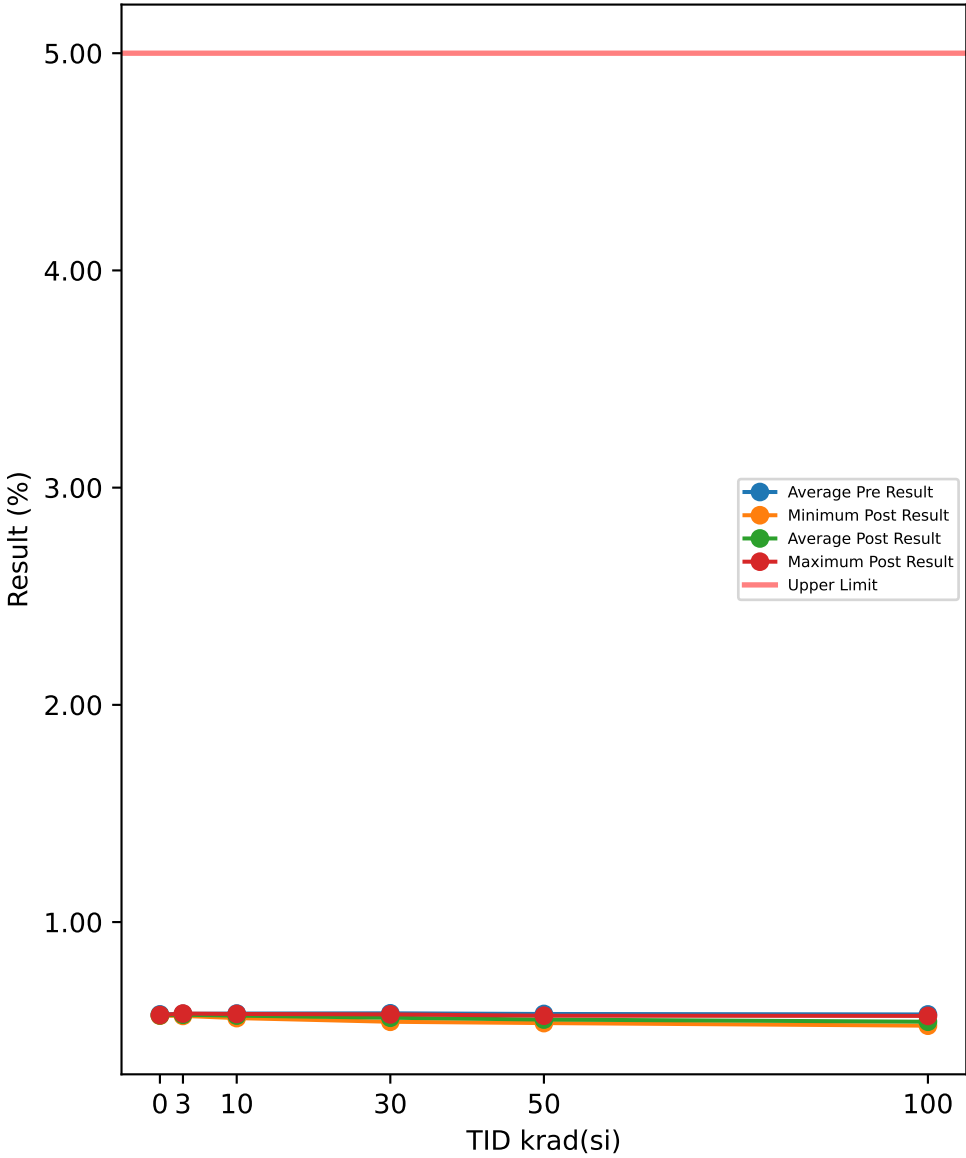
TID vs Post - Pre Exposure Delta



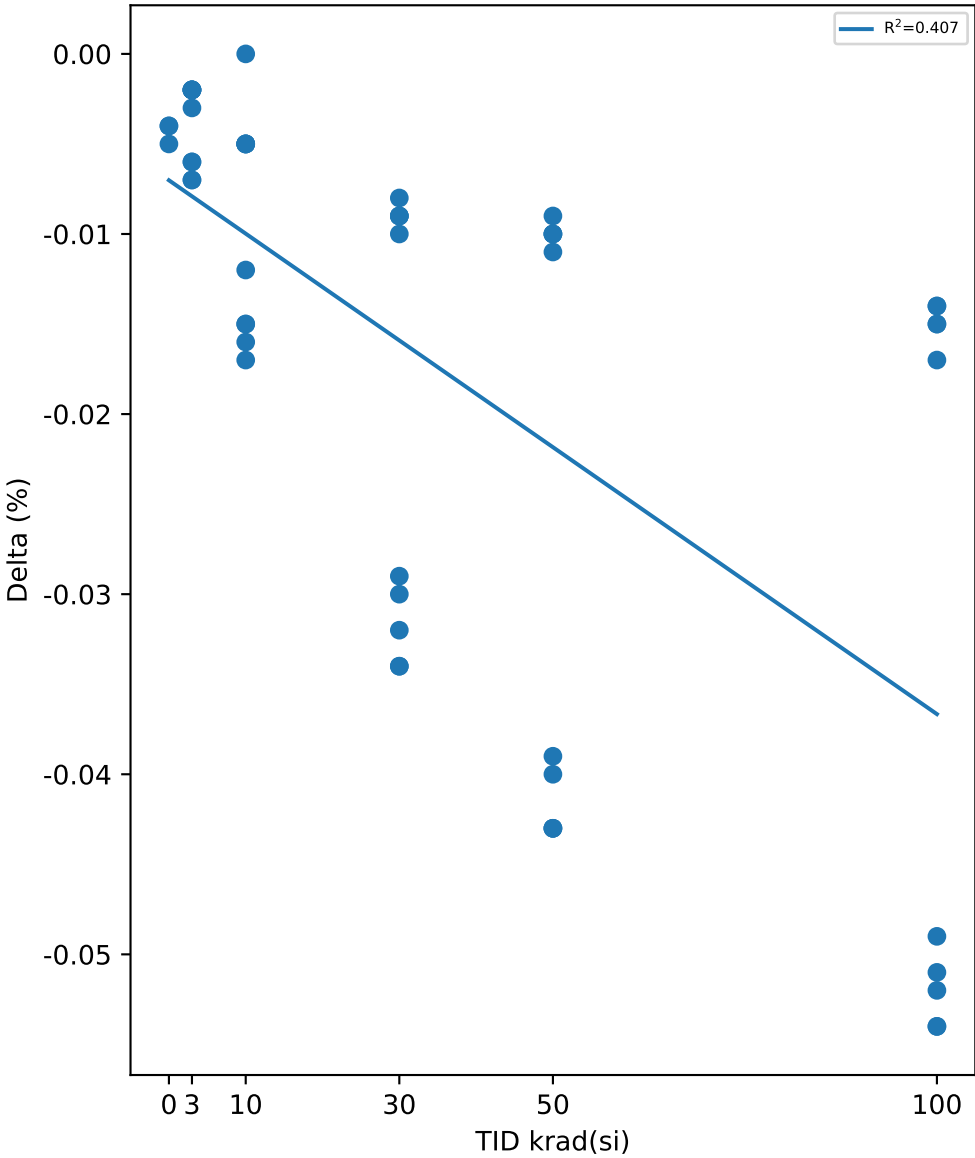
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.575	0.58	0.587	0.006245	0.572	0.57633	0.584	0.0066583	-0.005	-0.0036667	-0.003	0.0011547
3	0.573	0.5829	0.594	0.0058585	0.572	0.5769	0.584	0.0039847	-0.01	-0.006	-0.001	0.003559
10	0.578	0.584	0.59	0.0034641	0.573	0.5777	0.585	0.0036833	-0.011	-0.0063	-0.001	0.0028304
30	0.577	0.5809	0.587	0.003414	0.564	0.5703	0.575	0.003401	-0.013	-0.0106	-0.008	0.0018379
50	0.578	0.5844	0.593	0.0052536	0.565	0.5703	0.578	0.0045959	-0.015	-0.0141	-0.011	0.0012867
100	0.579	0.5848	0.591	0.0037653	0.558	0.565	0.571	0.0039158	-0.021	-0.0198	-0.018	0.0010328

TID vs Result Stats



TID vs Post - Pre Exposure Delta



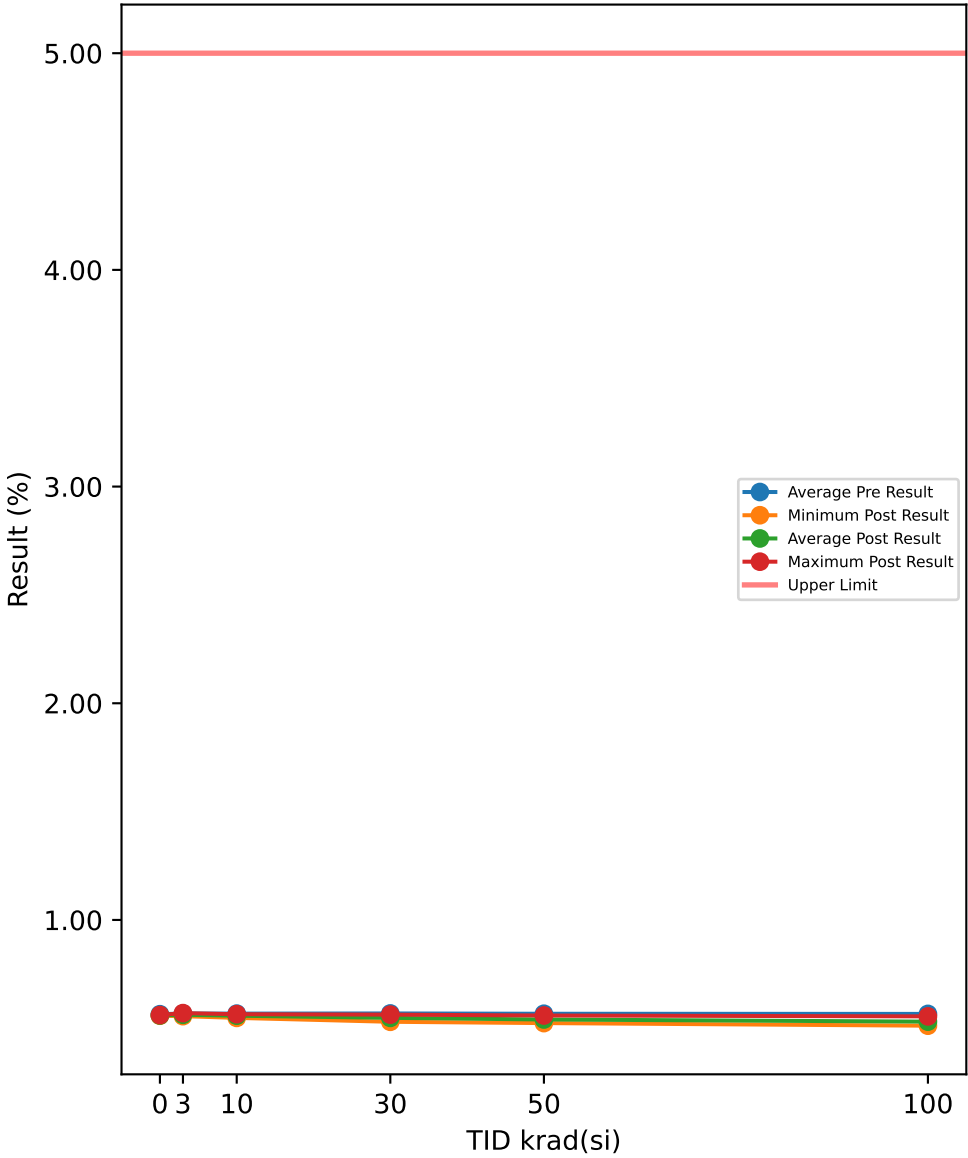
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.577	0.572	-0.005
301	0	Correlation	0.573	0.569	-0.004
302	0	Correlation	0.575	0.571	-0.004
303	3	Bias	0.577	0.571	-0.006
304	3	Bias	0.579	0.572	-0.007
305	3	Bias	0.582	0.575	-0.007
306	3	Bias	0.578	0.572	-0.006
307	3	Bias	0.58	0.577	-0.003
308	3	Unbiased	0.581	0.579	-0.002
309	3	Unbiased	0.572	0.57	-0.002
310	3	Unbiased	0.581	0.579	-0.002
311	3	Unbiased	0.573	0.571	-0.002
312	3	Unbiased	0.57	0.568	-0.002
313	10	Bias	0.583	0.568	-0.015
314	10	Bias	0.573	0.558	-0.015
315	10	Bias	0.582	0.566	-0.016
316	10	Bias	0.578	0.573	-0.005
317	10	Bias	0.584	0.567	-0.017
318	10	Unbiased	0.571	0.566	-0.005
319	10	Unbiased	0.581	0.576	-0.005
320	10	Unbiased	0.577	0.577	0
321	10	Unbiased	0.583	0.571	-0.012
322	10	Unbiased	0.577	0.572	-0.005
323	30	Bias	0.582	0.553	-0.029
324	30	Bias	0.581	0.551	-0.03
325	30	Bias	0.575	0.541	-0.034
326	30	Bias	0.577	0.543	-0.034
327	30	Bias	0.586	0.554	-0.032
328	30	Unbiased	0.578	0.569	-0.009
329	30	Unbiased	0.583	0.575	-0.008
330	30	Unbiased	0.575	0.566	-0.009
331	30	Unbiased	0.58	0.57	-0.01
332	30	Unbiased	0.583	0.574	-0.009
333	50	Bias	0.58	0.54	-0.04
334	50	Bias	0.574	0.535	-0.039
335	50	Bias	0.58	0.537	-0.043
336	50	Bias	0.581	0.538	-0.043
337	50	Bias	0.582	0.539	-0.043
338	50	Unbiased	0.577	0.566	-0.011
339	50	Unbiased	0.57	0.561	-0.009
340	50	Unbiased	0.575	0.565	-0.01
341	50	Unbiased	0.579	0.569	-0.01
342	50	Unbiased	0.572	0.562	-0.01
343	100	Bias	0.572	0.523	-0.049
344	100	Bias	0.576	0.525	-0.051
345	100	Bias	0.577	0.523	-0.054
346	100	Bias	0.579	0.525	-0.054
347	100	Bias	0.578	0.526	-0.052
348	100	Unbiased	0.571	0.557	-0.014
349	100	Unbiased	0.582	0.568	-0.014
350	100	Unbiased	0.573	0.556	-0.017
351	100	Unbiased	0.57	0.555	-0.015
352	100	Unbiased	0.57	0.555	-0.015

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.573	0.575	0.577	0.002	0.569	0.57067	0.572	0.0015275	-0.005	-0.0043333	-0.004	0.00057735
3	0.57	0.5773	0.582	0.0042177	0.568	0.5734	0.579	0.0038644	-0.007	-0.0039	-0.002	0.0022828
10	0.571	0.5789	0.584	0.0044585	0.558	0.5694	0.577	0.0056214	-0.017	-0.0095	0	0.0061146
30	0.575	0.58	0.586	0.0036818	0.541	0.5596	0.575	0.012703	-0.034	-0.0204	-0.008	0.012122
50	0.57	0.577	0.582	0.0040825	0.535	0.5512	0.569	0.014343	-0.043	-0.0258	-0.009	0.016712
100	0.57	0.5748	0.582	0.0041846	0.523	0.5413	0.568	0.018215	-0.054	-0.0335	-0.014	0.019569

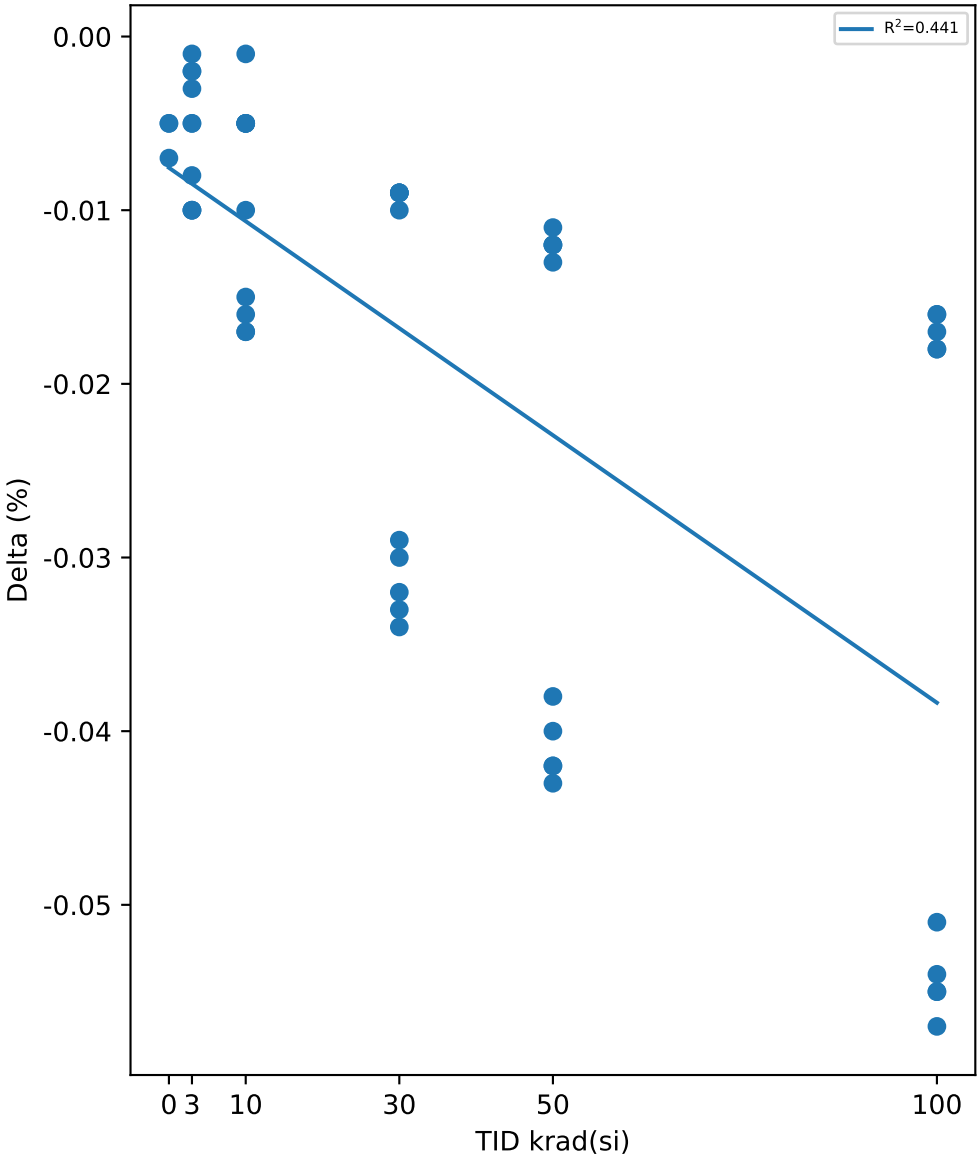
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.568	0.561	-0.007
301	0	Correlation	0.563	0.558	-0.005
302	0	Correlation	0.564	0.559	-0.005
303	3	Bias	0.568	0.558	-0.01
304	3	Bias	0.575	0.565	-0.01
305	3	Bias	0.571	0.561	-0.01
306	3	Bias	0.571	0.563	-0.008
307	3	Bias	0.57	0.565	-0.005
308	3	Unbiased	0.575	0.57	-0.005
309	3	Unbiased	0.563	0.561	-0.002
310	3	Unbiased	0.569	0.568	-0.001
311	3	Unbiased	0.561	0.558	-0.003
312	3	Unbiased	0.558	0.556	-0.002
313	10	Bias	0.572	0.557	-0.015
314	10	Bias	0.564	0.548	-0.016
315	10	Bias	0.57	0.553	-0.017
316	10	Bias	0.567	0.562	-0.005
317	10	Bias	0.573	0.556	-0.017
318	10	Unbiased	0.559	0.554	-0.005
319	10	Unbiased	0.568	0.563	-0.005
320	10	Unbiased	0.566	0.565	-0.001
321	10	Unbiased	0.571	0.561	-0.01
322	10	Unbiased	0.567	0.562	-0.005
323	30	Bias	0.572	0.542	-0.03
324	30	Bias	0.568	0.539	-0.029
325	30	Bias	0.566	0.532	-0.034
326	30	Bias	0.563	0.53	-0.033
327	30	Bias	0.575	0.543	-0.032
328	30	Unbiased	0.564	0.555	-0.009
329	30	Unbiased	0.572	0.563	-0.009
330	30	Unbiased	0.563	0.554	-0.009
331	30	Unbiased	0.572	0.562	-0.01
332	30	Unbiased	0.57	0.561	-0.009
333	50	Bias	0.567	0.529	-0.038
334	50	Bias	0.564	0.524	-0.04
335	50	Bias	0.569	0.527	-0.042
336	50	Bias	0.573	0.53	-0.043
337	50	Bias	0.571	0.529	-0.042
338	50	Unbiased	0.566	0.554	-0.012
339	50	Unbiased	0.561	0.55	-0.011
340	50	Unbiased	0.565	0.552	-0.013
341	50	Unbiased	0.571	0.559	-0.012
342	50	Unbiased	0.564	0.552	-0.012
343	100	Bias	0.563	0.512	-0.051
344	100	Bias	0.57	0.516	-0.054
345	100	Bias	0.568	0.513	-0.055
346	100	Bias	0.575	0.518	-0.057
347	100	Bias	0.571	0.516	-0.055
348	100	Unbiased	0.562	0.546	-0.016
349	100	Unbiased	0.571	0.555	-0.016
350	100	Unbiased	0.562	0.544	-0.018
351	100	Unbiased	0.564	0.546	-0.018
352	100	Unbiased	0.558	0.541	-0.017

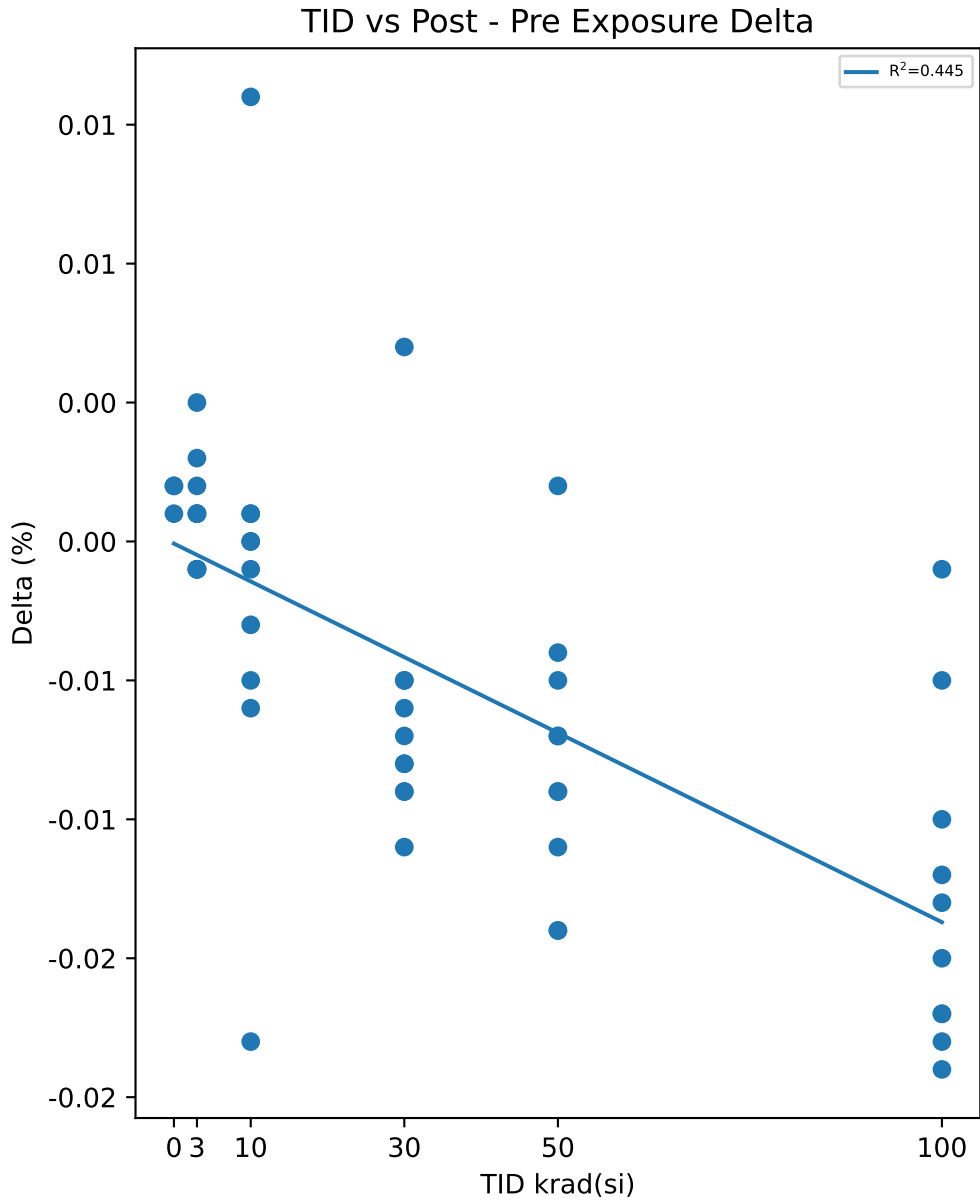
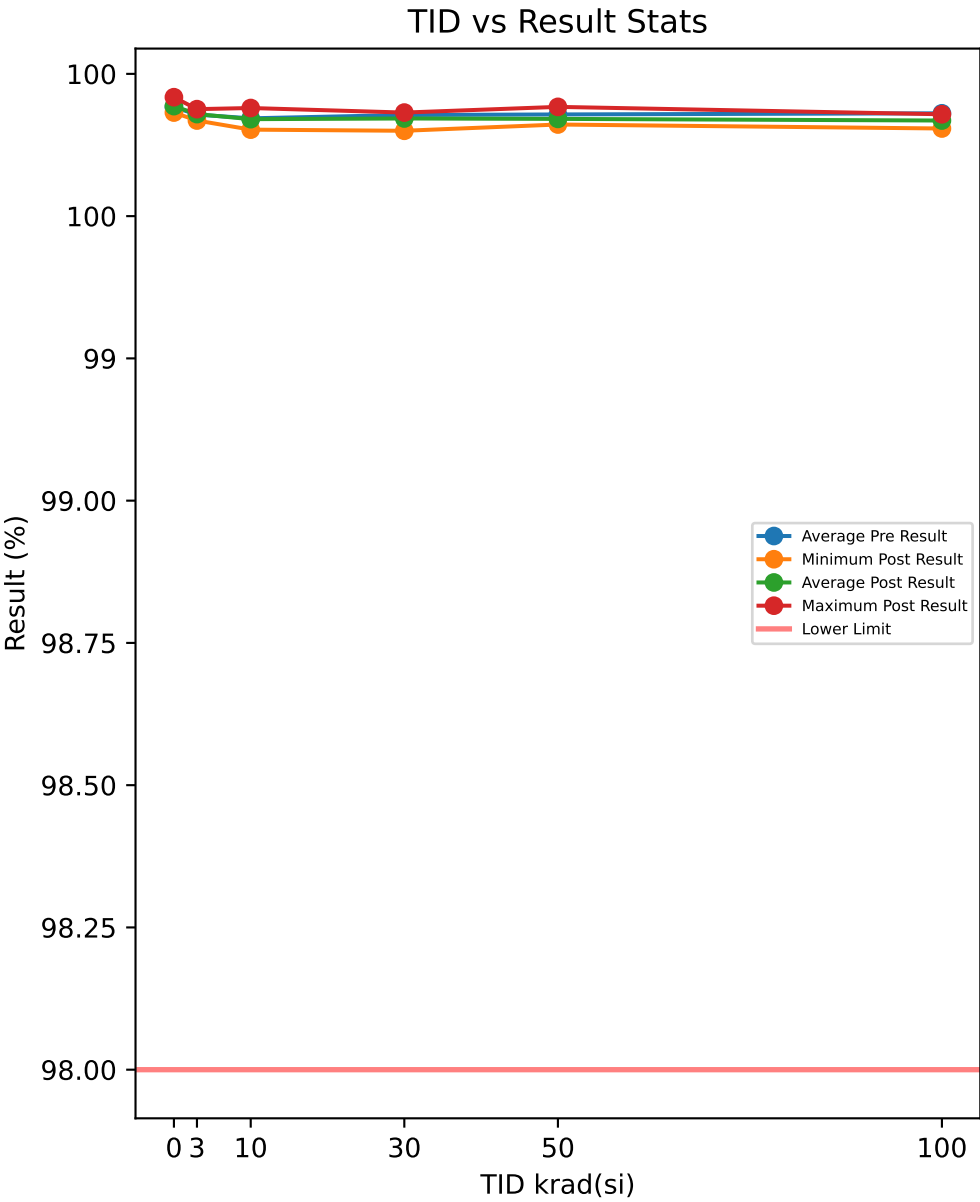
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.563	0.565	0.568	0.0026458	0.558	0.55933	0.561	0.0015275	-0.007	-0.0056667	-0.005	0.0011547
3	0.558	0.5681	0.575	0.0057242	0.556	0.5625	0.57	0.0045522	-0.01	-0.0056	-0.001	0.0036271
10	0.559	0.5677	0.573	0.0041647	0.548	0.5581	0.565	0.0053841	-0.017	-0.0096	-0.001	0.0061319
30	0.563	0.5685	0.575	0.0043269	0.53	0.5481	0.563	0.012458	-0.034	-0.0204	-0.009	0.01189
50	0.561	0.5671	0.573	0.0038137	0.524	0.5406	0.559	0.013778	-0.043	-0.0265	-0.011	0.01535
100	0.558	0.5664	0.575	0.0053583	0.512	0.5307	0.555	0.016991	-0.057	-0.0357	-0.016	0.019777

Device Test: 6.8 ; VLDO_DO

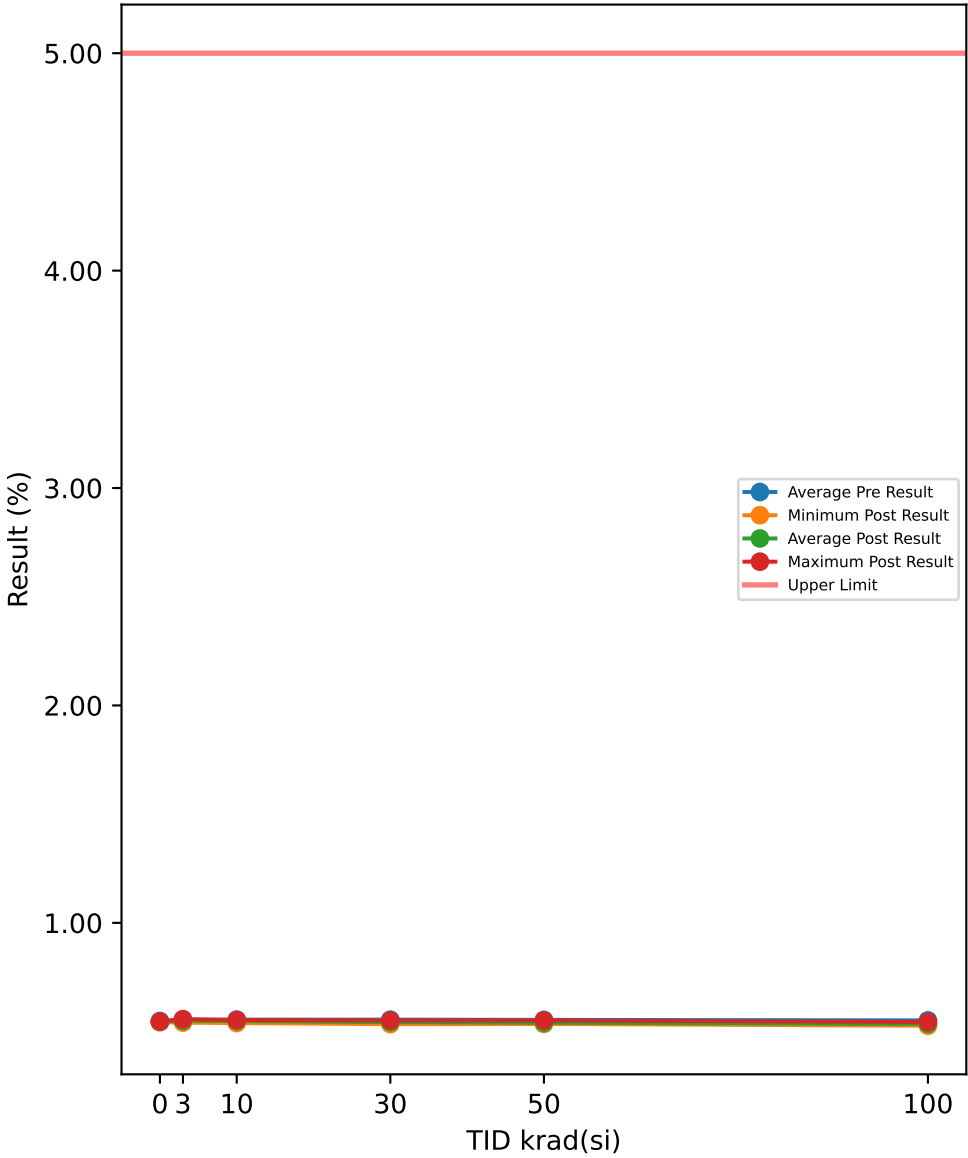


Test Results (Lower Limit = 98.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	99.68	99.682	0.002
301	0	Correlation	99.707	99.709	0.002
302	0	Correlation	99.688	99.689	0.001
303	3	Bias	99.681	99.68	-0.001
304	3	Bias	99.67	99.675	0.005
305	3	Bias	99.667	99.668	0.001
306	3	Bias	99.689	99.688	-0.001
307	3	Bias	99.673	99.675	0.002
308	3	Unbiased	99.672	99.675	0.003
309	3	Unbiased	99.687	99.688	0.001
310	3	Unbiased	99.685	99.684	-0.001
311	3	Unbiased	99.68	99.681	0.001
312	3	Unbiased	99.68	99.679	-0.001
313	10	Bias	99.696	99.69	-0.006
314	10	Bias	99.662	99.662	0
315	10	Bias	99.658	99.653	-0.005
316	10	Bias	99.679	99.68	0.001
317	10	Bias	99.683	99.684	0.001
318	10	Unbiased	99.67	99.669	-0.001
319	10	Unbiased	99.655	99.652	-0.003
320	10	Unbiased	99.683	99.665	-0.018
321	10	Unbiased	99.666	99.682	0.016
322	10	Unbiased	99.667	99.667	0
323	30	Bias	99.689	99.68	-0.009
324	30	Bias	99.675	99.682	0.007
325	30	Bias	99.668	99.663	-0.005
326	30	Bias	99.657	99.65	-0.007
327	30	Bias	99.671	99.666	-0.005
328	30	Unbiased	99.679	99.671	-0.008
329	30	Unbiased	99.693	99.682	-0.011
330	30	Unbiased	99.685	99.677	-0.008
331	30	Unbiased	99.687	99.678	-0.009
332	30	Unbiased	99.673	99.667	-0.006
333	50	Bias	99.672	99.661	-0.011
334	50	Bias	99.67	99.663	-0.007
335	50	Bias	99.689	99.675	-0.014
336	50	Bias	99.675	99.671	-0.004
337	50	Bias	99.678	99.669	-0.009
338	50	Unbiased	99.678	99.671	-0.007
339	50	Unbiased	99.697	99.692	-0.005
340	50	Unbiased	99.676	99.662	-0.014
341	50	Unbiased	99.671	99.673	0.002
342	50	Unbiased	99.681	99.672	-0.009
343	100	Bias	99.677	99.667	-0.01
344	100	Bias	99.671	99.654	-0.017
345	100	Bias	99.68	99.679	-0.001
346	100	Bias	99.688	99.669	-0.019
347	100	Bias	99.672	99.667	-0.005
348	100	Unbiased	99.682	99.665	-0.017
349	100	Unbiased	99.681	99.669	-0.012
350	100	Unbiased	99.692	99.679	-0.013
351	100	Unbiased	99.672	99.654	-0.018
352	100	Unbiased	99.692	99.677	-0.015

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.68	99.692	99.707	0.013868	99.682	99.693	99.709	0.014012	0.001	0.0016667	0.002	0.00057735
3	99.667	99.678	99.689	0.0075454	99.668	99.679	99.688	0.0063254	-0.001	0.0009	0.005	0.0020248
10	99.655	99.672	99.696	0.012982	99.652	99.67	99.69	0.013125	-0.018	-0.0015	0.016	0.0083699
30	99.657	99.678	99.693	0.011056	99.65	99.672	99.682	0.010276	-0.011	-0.0061	0.007	0.0049766
50	99.67	99.679	99.697	0.0084859	99.661	99.671	99.692	0.0088876	-0.014	-0.0078	0.002	0.0048259
100	99.671	99.681	99.692	0.0079589	99.654	99.668	99.679	0.0089938	-0.019	-0.0127	-0.001	0.0059076

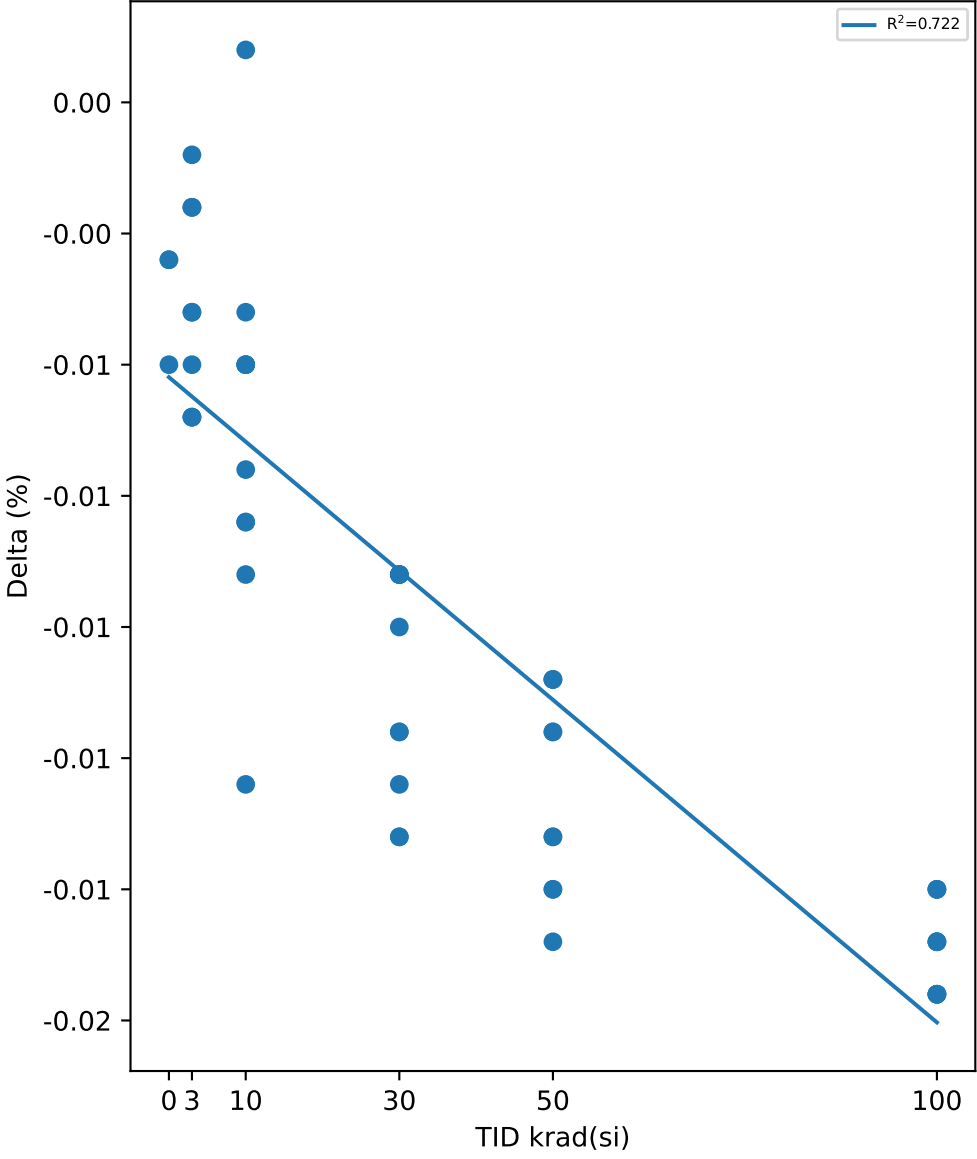
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.551	0.546	-0.005
301	0	Correlation	0.546	0.543	-0.003
302	0	Correlation	0.549	0.546	-0.003
303	3	Bias	0.553	0.547	-0.006
304	3	Bias	0.563	0.557	-0.006
305	3	Bias	0.559	0.553	-0.006
306	3	Bias	0.556	0.551	-0.005
307	3	Bias	0.557	0.553	-0.004
308	3	Unbiased	0.56	0.556	-0.004
309	3	Unbiased	0.549	0.547	-0.002
310	3	Unbiased	0.556	0.555	-0.001
311	3	Unbiased	0.546	0.544	-0.002
312	3	Unbiased	0.543	0.541	-0.002
313	10	Bias	0.559	0.552	-0.007
314	10	Bias	0.55	0.542	-0.008
315	10	Bias	0.558	0.55	-0.008
316	10	Bias	0.552	0.547	-0.005
317	10	Bias	0.562	0.553	-0.009
318	10	Unbiased	0.544	0.539	-0.005
319	10	Unbiased	0.555	0.551	-0.004
320	10	Unbiased	0.552	0.553	0.001
321	10	Unbiased	0.559	0.546	-0.013
322	10	Unbiased	0.557	0.552	-0.005
323	30	Bias	0.559	0.547	-0.012
324	30	Bias	0.554	0.542	-0.012
325	30	Bias	0.552	0.538	-0.014
326	30	Bias	0.547	0.534	-0.013
327	30	Bias	0.564	0.55	-0.014
328	30	Unbiased	0.549	0.54	-0.009
329	30	Unbiased	0.56	0.551	-0.009
330	30	Unbiased	0.548	0.539	-0.009
331	30	Unbiased	0.558	0.548	-0.01
332	30	Unbiased	0.556	0.547	-0.009
333	50	Bias	0.553	0.539	-0.014
334	50	Bias	0.55	0.536	-0.014
335	50	Bias	0.557	0.542	-0.015
336	50	Bias	0.559	0.544	-0.015
337	50	Bias	0.557	0.541	-0.016
338	50	Unbiased	0.551	0.54	-0.011
339	50	Unbiased	0.546	0.535	-0.011
340	50	Unbiased	0.553	0.541	-0.012
341	50	Unbiased	0.563	0.551	-0.012
342	50	Unbiased	0.549	0.538	-0.011
343	100	Bias	0.547	0.531	-0.016
344	100	Bias	0.556	0.539	-0.017
345	100	Bias	0.556	0.539	-0.017
346	100	Bias	0.557	0.54	-0.017
347	100	Bias	0.552	0.536	-0.016
348	100	Unbiased	0.549	0.534	-0.015
349	100	Unbiased	0.559	0.544	-0.015
350	100	Unbiased	0.547	0.53	-0.017
351	100	Unbiased	0.549	0.533	-0.016
352	100	Unbiased	0.542	0.527	-0.015

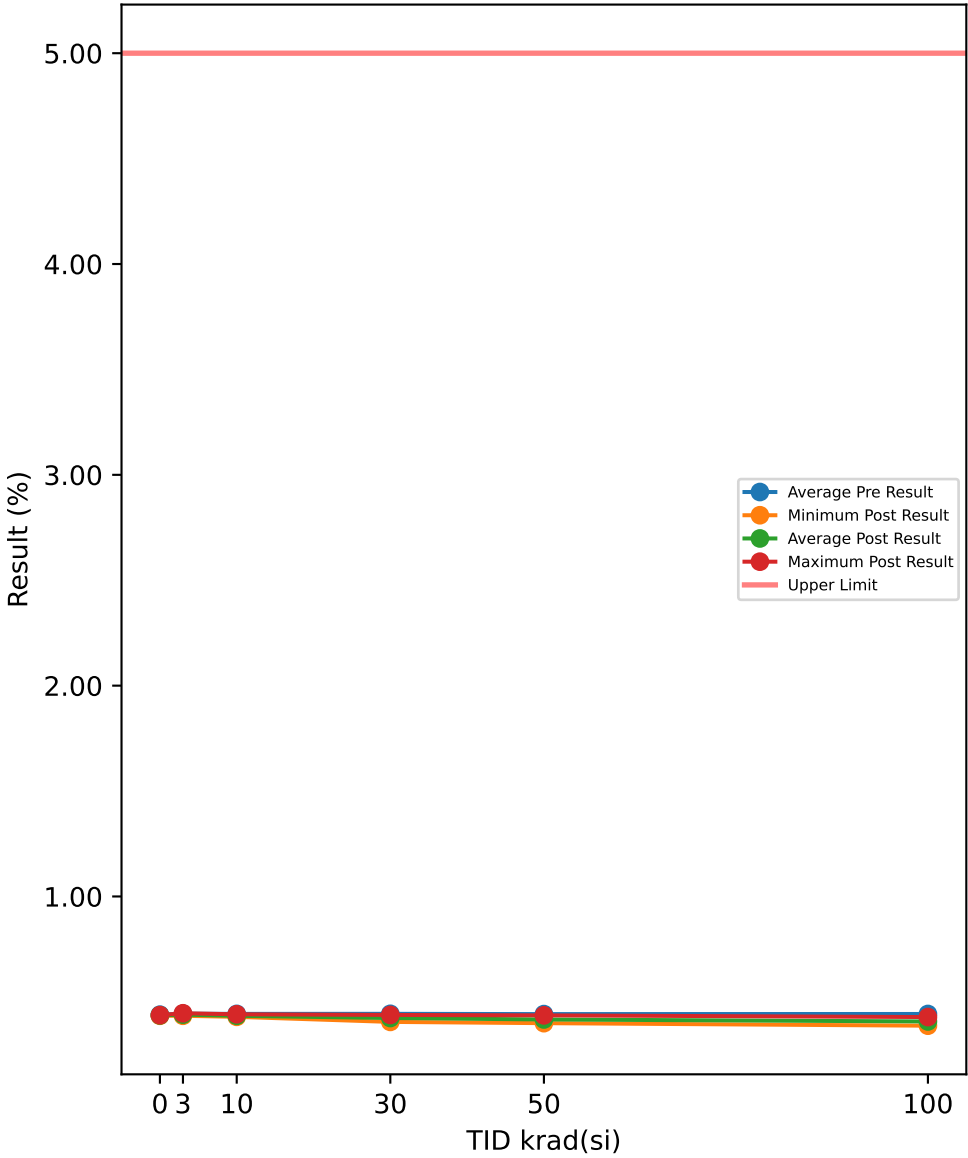
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.546	0.54867	0.551	0.0025166	0.543	0.545	0.546	0.0017321	-0.005	-0.0036667	-0.003	0.0011547
3	0.543	0.5542	0.563	0.0064083	0.541	0.5504	0.557	0.0053996	-0.006	-0.0038	-0.001	0.0019322
10	0.544	0.5548	0.562	0.00535	0.539	0.5485	0.553	0.0048819	-0.013	-0.0063	0.001	0.0036833
30	0.547	0.5547	0.564	0.0056774	0.534	0.5436	0.551	0.0057581	-0.014	-0.0111	-0.009	0.0021318
50	0.546	0.5538	0.563	0.0051597	0.535	0.5407	0.551	0.0045228	-0.016	-0.0131	-0.011	0.001912
100	0.542	0.5514	0.559	0.0054813	0.527	0.5353	0.544	0.0052504	-0.017	-0.0161	-0.015	0.0008756

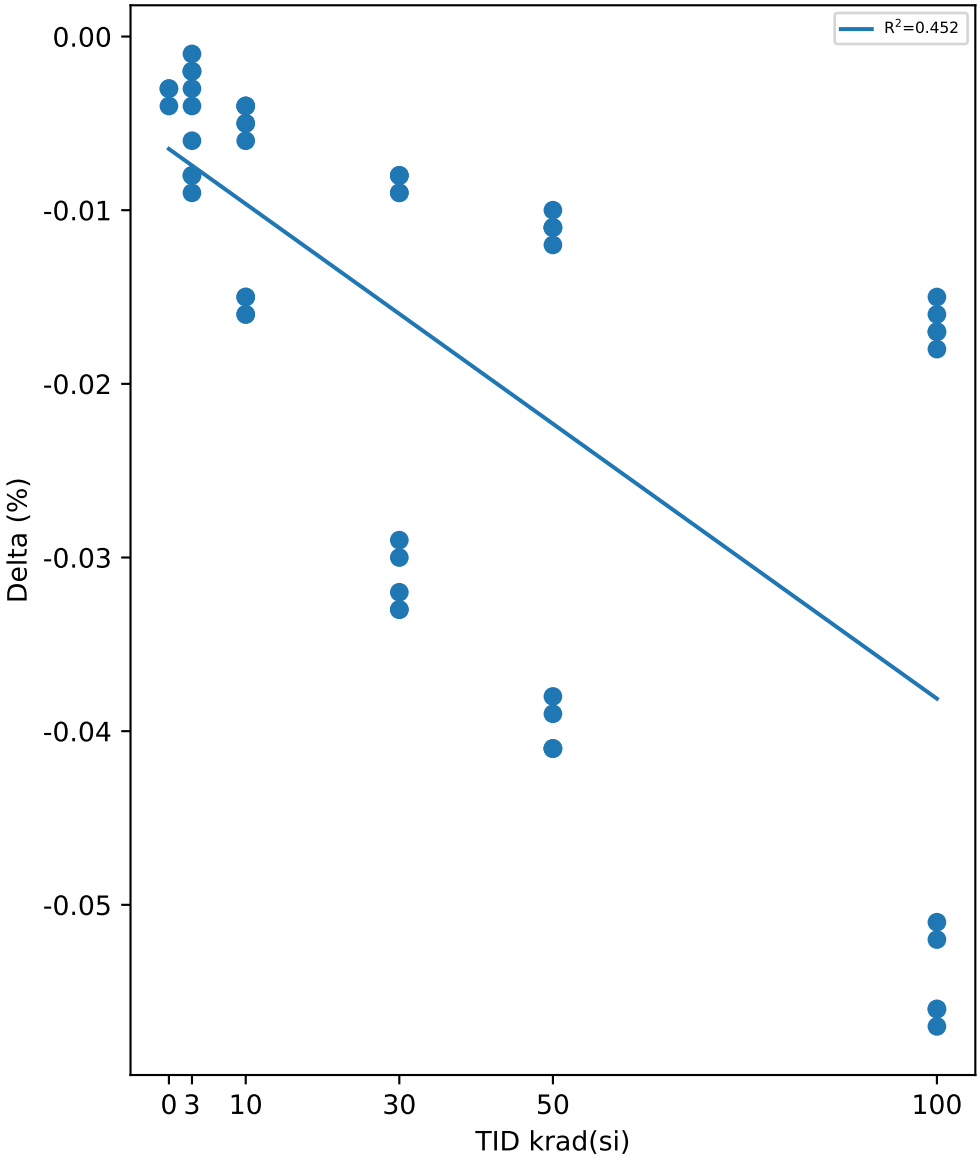
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.441	0.437	-0.004
301	0	Correlation	0.437	0.434	-0.003
302	0	Correlation	0.44	0.437	-0.003
303	3	Bias	0.447	0.439	-0.008
304	3	Bias	0.449	0.441	-0.008
305	3	Bias	0.446	0.437	-0.009
306	3	Bias	0.44	0.434	-0.006
307	3	Bias	0.448	0.444	-0.004
308	3	Unbiased	0.449	0.446	-0.003
309	3	Unbiased	0.441	0.439	-0.002
310	3	Unbiased	0.445	0.444	-0.001
311	3	Unbiased	0.437	0.435	-0.002
312	3	Unbiased	0.437	0.435	-0.002
313	10	Bias	0.444	0.429	-0.015
314	10	Bias	0.446	0.431	-0.015
315	10	Bias	0.446	0.43	-0.016
316	10	Bias	0.439	0.435	-0.004
317	10	Bias	0.445	0.429	-0.016
318	10	Unbiased	0.44	0.436	-0.004
319	10	Unbiased	0.446	0.441	-0.005
320	10	Unbiased	0.439	0.435	-0.004
321	10	Unbiased	0.44	0.434	-0.006
322	10	Unbiased	0.445	0.44	-0.005
323	30	Bias	0.451	0.421	-0.03
324	30	Bias	0.442	0.413	-0.029
325	30	Bias	0.445	0.412	-0.033
326	30	Bias	0.437	0.405	-0.032
327	30	Bias	0.451	0.418	-0.033
328	30	Unbiased	0.439	0.431	-0.008
329	30	Unbiased	0.443	0.435	-0.008
330	30	Unbiased	0.439	0.43	-0.009
331	30	Unbiased	0.44	0.431	-0.009
332	30	Unbiased	0.446	0.438	-0.008
333	50	Bias	0.437	0.399	-0.038
334	50	Bias	0.441	0.402	-0.039
335	50	Bias	0.444	0.403	-0.041
336	50	Bias	0.443	0.402	-0.041
337	50	Bias	0.443	0.402	-0.041
338	50	Unbiased	0.44	0.429	-0.011
339	50	Unbiased	0.437	0.427	-0.01
340	50	Unbiased	0.446	0.434	-0.012
341	50	Unbiased	0.447	0.436	-0.011
342	50	Unbiased	0.442	0.431	-0.011
343	100	Bias	0.438	0.387	-0.051
344	100	Bias	0.442	0.39	-0.052
345	100	Bias	0.447	0.391	-0.056
346	100	Bias	0.449	0.392	-0.057
347	100	Bias	0.445	0.389	-0.056
348	100	Unbiased	0.44	0.424	-0.016
349	100	Unbiased	0.443	0.428	-0.015
350	100	Unbiased	0.442	0.424	-0.018
351	100	Unbiased	0.442	0.425	-0.017
352	100	Unbiased	0.438	0.421	-0.017

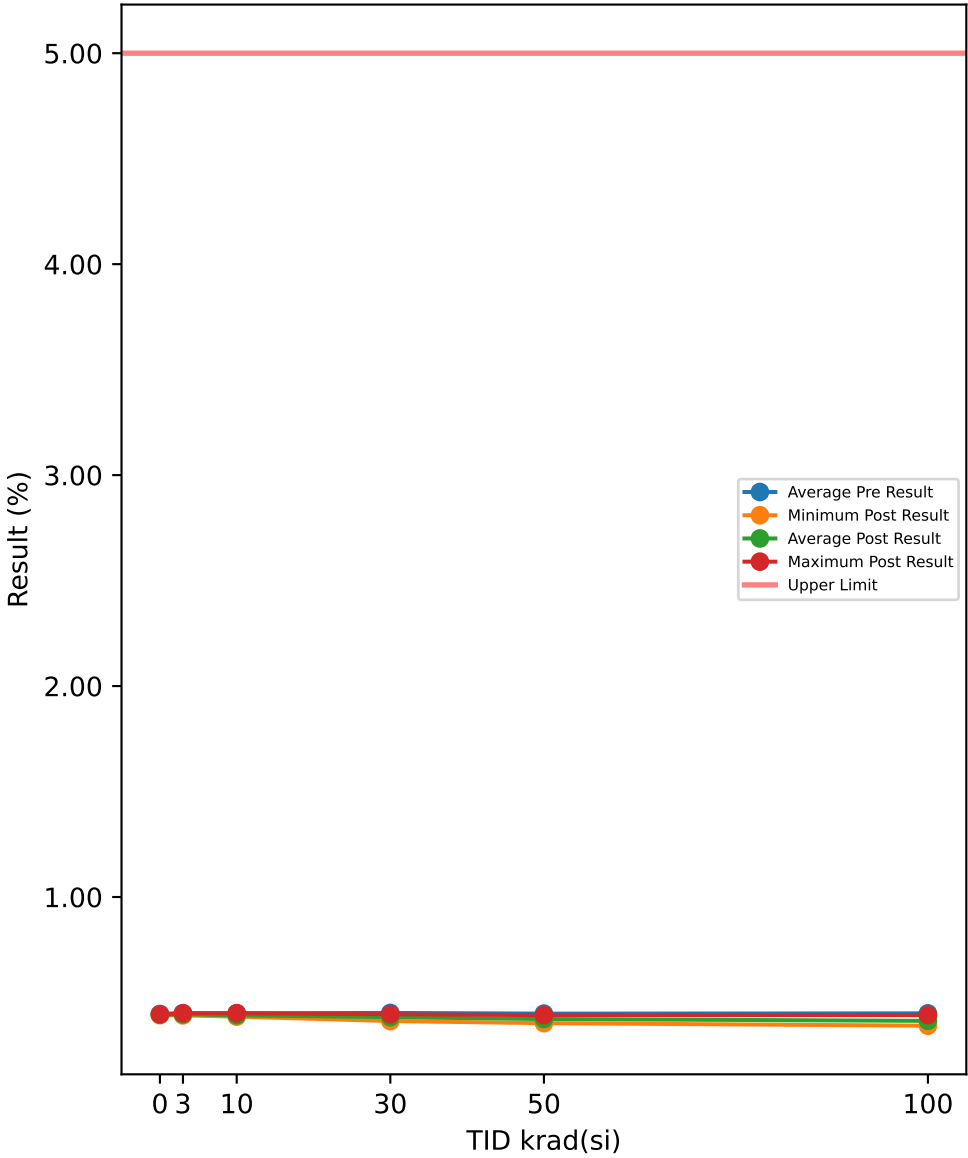
TID vs Post - Pre Exposure Delta



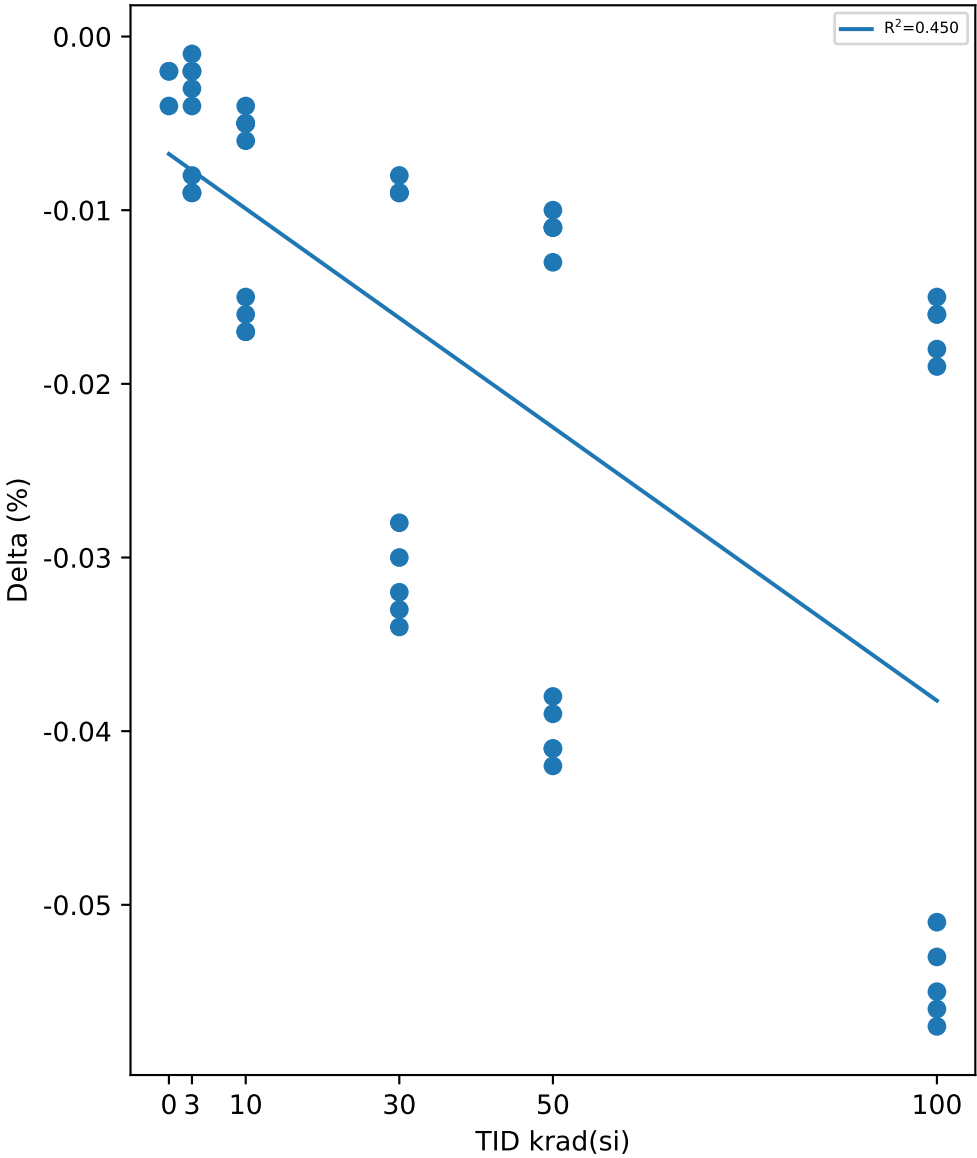
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.437	0.43933	0.441	0.0020817	0.434	0.436	0.437	0.0017321	-0.004	-0.0033333	-0.003	0.00057735
3	0.437	0.4439	0.449	0.0047481	0.434	0.4394	0.446	0.0042479	-0.009	-0.0045	-0.001	0.0029907
10	0.439	0.443	0.446	0.0030912	0.429	0.434	0.441	0.0042947	-0.016	-0.009	-0.004	0.0056372
30	0.437	0.4433	0.451	0.0049227	0.405	0.4234	0.438	0.011147	-0.033	-0.0199	-0.008	0.012188
50	0.437	0.442	0.447	0.0033665	0.399	0.4165	0.436	0.015925	-0.041	-0.0255	-0.01	0.015321
100	0.438	0.4426	0.449	0.0035963	0.387	0.4071	0.428	0.018357	-0.057	-0.0355	-0.015	0.020018

TID vs Result Stats



TID vs Post - Pre Exposure Delta



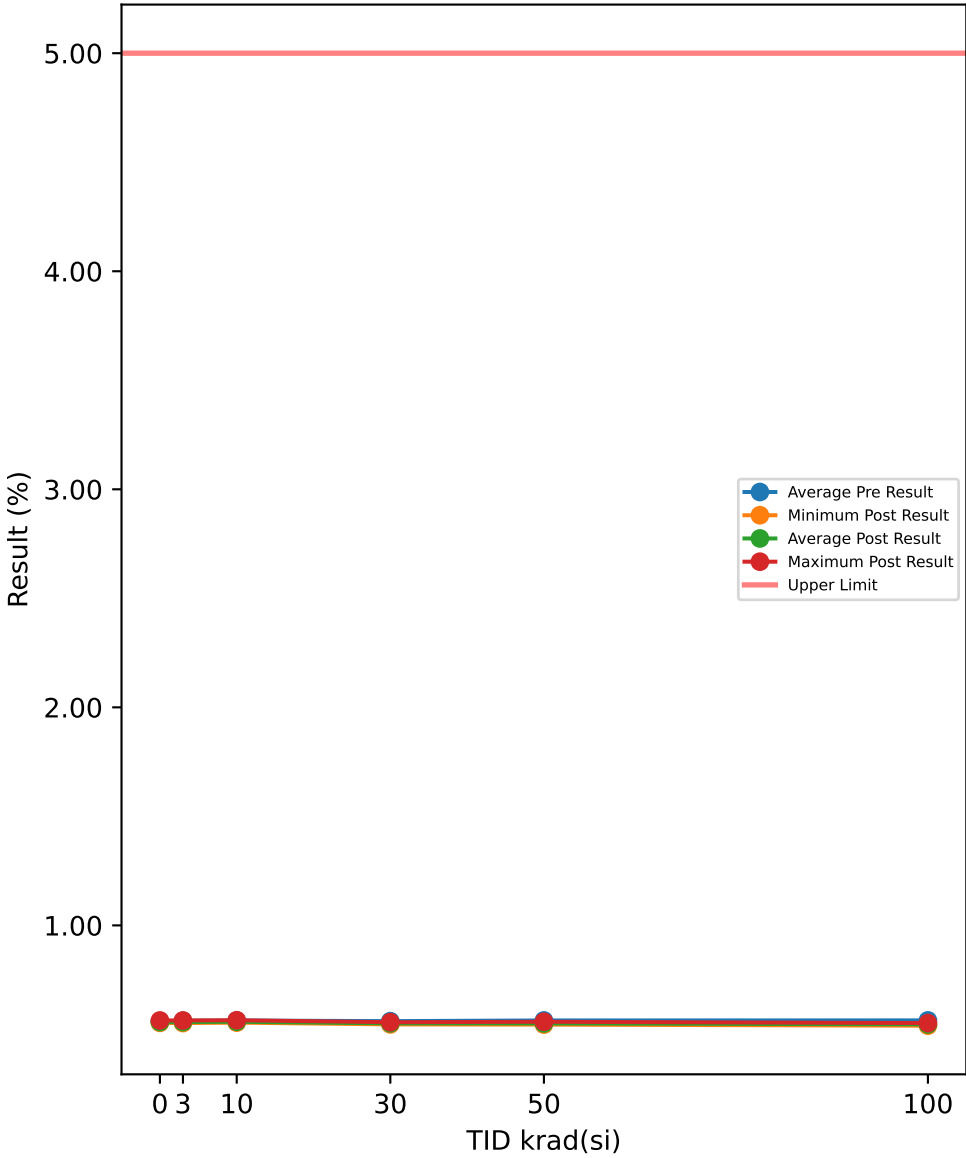
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.448	0.444	-0.004
301	0	Correlation	0.442	0.44	-0.002
302	0	Correlation	0.446	0.444	-0.002
303	3	Bias	0.452	0.443	-0.009
304	3	Bias	0.453	0.444	-0.009
305	3	Bias	0.453	0.444	-0.009
306	3	Bias	0.45	0.442	-0.008
307	3	Bias	0.453	0.449	-0.004
308	3	Unbiased	0.452	0.449	-0.003
309	3	Unbiased	0.446	0.444	-0.002
310	3	Unbiased	0.448	0.447	-0.001
311	3	Unbiased	0.442	0.44	-0.002
312	3	Unbiased	0.441	0.439	-0.002
313	10	Bias	0.452	0.437	-0.015
314	10	Bias	0.449	0.433	-0.016
315	10	Bias	0.451	0.434	-0.017
316	10	Bias	0.446	0.441	-0.005
317	10	Bias	0.452	0.435	-0.017
318	10	Unbiased	0.441	0.437	-0.004
319	10	Unbiased	0.454	0.449	-0.005
320	10	Unbiased	0.446	0.441	-0.005
321	10	Unbiased	0.447	0.441	-0.006
322	10	Unbiased	0.45	0.445	-0.005
323	30	Bias	0.458	0.428	-0.03
324	30	Bias	0.449	0.421	-0.028
325	30	Bias	0.448	0.415	-0.033
326	30	Bias	0.444	0.412	-0.032
327	30	Bias	0.461	0.427	-0.034
328	30	Unbiased	0.447	0.438	-0.009
329	30	Unbiased	0.451	0.443	-0.008
330	30	Unbiased	0.446	0.437	-0.009
331	30	Unbiased	0.448	0.439	-0.009
332	30	Unbiased	0.453	0.444	-0.009
333	50	Bias	0.44	0.402	-0.038
334	50	Bias	0.447	0.408	-0.039
335	50	Bias	0.448	0.407	-0.041
336	50	Bias	0.45	0.409	-0.041
337	50	Bias	0.449	0.407	-0.042
338	50	Unbiased	0.447	0.436	-0.011
339	50	Unbiased	0.445	0.435	-0.01
340	50	Unbiased	0.45	0.437	-0.013
341	50	Unbiased	0.451	0.44	-0.011
342	50	Unbiased	0.445	0.434	-0.011
343	100	Bias	0.441	0.39	-0.051
344	100	Bias	0.449	0.396	-0.053
345	100	Bias	0.449	0.394	-0.055
346	100	Bias	0.455	0.398	-0.057
347	100	Bias	0.451	0.395	-0.056
348	100	Unbiased	0.444	0.429	-0.015
349	100	Unbiased	0.456	0.44	-0.016
350	100	Unbiased	0.45	0.431	-0.019
351	100	Unbiased	0.45	0.432	-0.018
352	100	Unbiased	0.44	0.424	-0.016

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.442	0.44533	0.448	0.0030551	0.44	0.44267	0.444	0.0023094	-0.004	-0.0026667	-0.002	0.0011547
3	0.441	0.449	0.453	0.0045947	0.439	0.4441	0.449	0.003414	-0.009	-0.0049	-0.001	0.003414
10	0.441	0.4488	0.454	0.0038528	0.433	0.4393	0.449	0.0050783	-0.017	-0.0095	-0.004	0.0058547
30	0.444	0.4505	0.461	0.0054006	0.412	0.4304	0.444	0.011549	-0.034	-0.0201	-0.008	0.012023
50	0.44	0.4472	0.451	0.0032592	0.402	0.4215	0.44	0.015883	-0.042	-0.0257	-0.01	0.015341
100	0.44	0.4485	0.456	0.0053593	0.39	0.4129	0.44	0.019773	-0.057	-0.0356	-0.015	0.019912

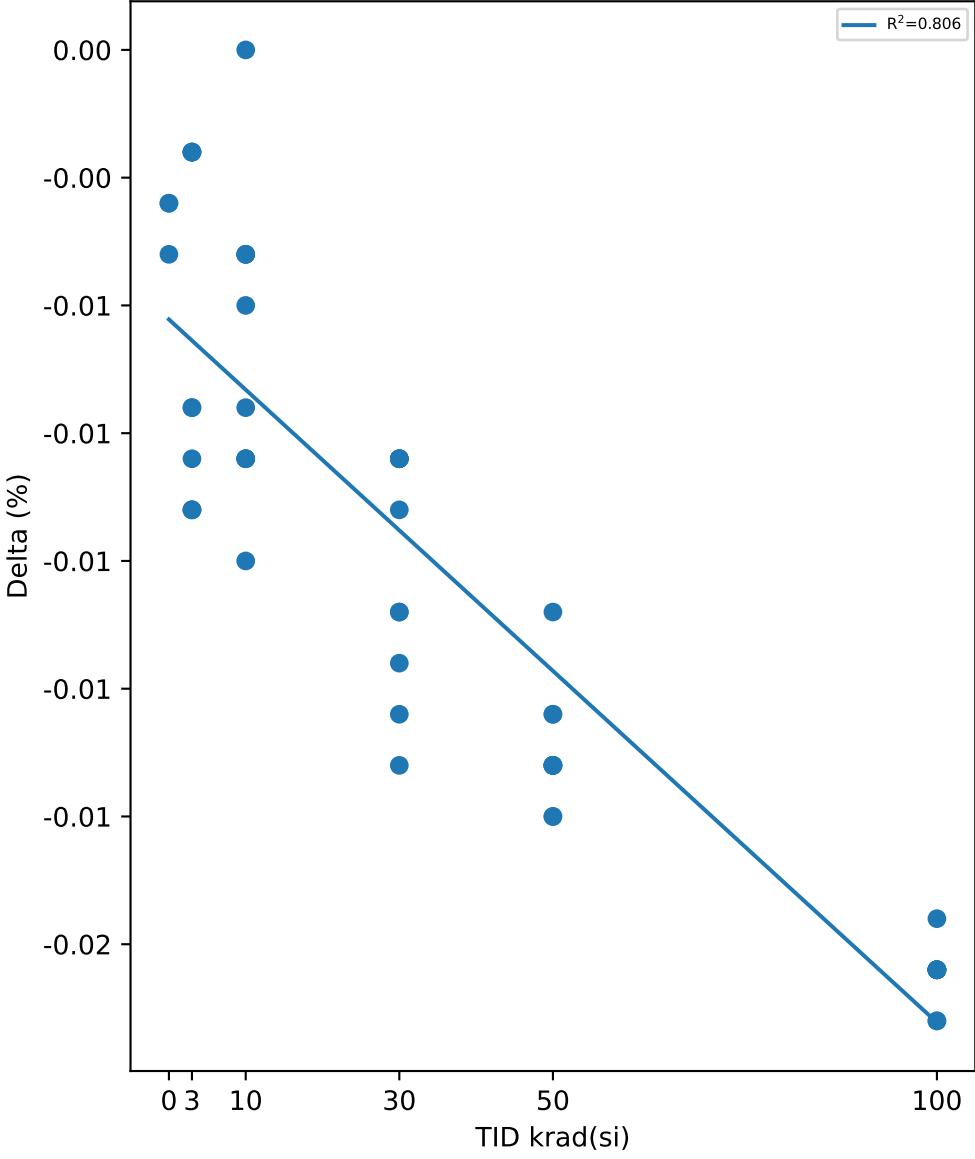
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.557	0.553	-0.004
301	0	Correlation	0.556	0.553	-0.003
302	0	Correlation	0.567	0.564	-0.003
303	3	Bias	0.563	0.554	-0.009
304	3	Bias	0.573	0.564	-0.009
305	3	Bias	0.565	0.556	-0.009
306	3	Bias	0.565	0.557	-0.008
307	3	Bias	0.563	0.556	-0.007
308	3	Unbiased	0.563	0.556	-0.007
309	3	Unbiased	0.564	0.562	-0.002
310	3	Unbiased	0.558	0.556	-0.002
311	3	Unbiased	0.554	0.552	-0.002
312	3	Unbiased	0.555	0.553	-0.002
313	10	Bias	0.563	0.556	-0.007
314	10	Bias	0.566	0.558	-0.008
315	10	Bias	0.562	0.554	-0.008
316	10	Bias	0.563	0.559	-0.004
317	10	Bias	0.563	0.555	-0.008
318	10	Unbiased	0.561	0.557	-0.004
319	10	Unbiased	0.558	0.554	-0.004
320	10	Unbiased	0.568	0.558	-0.01
321	10	Unbiased	0.563	0.563	0
322	10	Unbiased	0.57	0.565	-0.005
323	30	Bias	0.56	0.549	-0.011
324	30	Bias	0.559	0.548	-0.011
325	30	Bias	0.567	0.553	-0.014
326	30	Bias	0.558	0.546	-0.012
327	30	Bias	0.564	0.551	-0.013
328	30	Unbiased	0.556	0.548	-0.008
329	30	Unbiased	0.564	0.556	-0.008
330	30	Unbiased	0.559	0.551	-0.008
331	30	Unbiased	0.562	0.553	-0.009
332	30	Unbiased	0.56	0.552	-0.008
333	50	Bias	0.56	0.547	-0.013
334	50	Bias	0.565	0.551	-0.014
335	50	Bias	0.56	0.546	-0.014
336	50	Bias	0.563	0.548	-0.015
337	50	Bias	0.57	0.555	-0.015
338	50	Unbiased	0.56	0.549	-0.011
339	50	Unbiased	0.558	0.545	-0.013
340	50	Unbiased	0.565	0.551	-0.014
341	50	Unbiased	0.568	0.554	-0.014
342	50	Unbiased	0.572	0.558	-0.014
343	100	Bias	0.562	0.544	-0.018
344	100	Bias	0.565	0.547	-0.018
345	100	Bias	0.563	0.545	-0.018
346	100	Bias	0.569	0.55	-0.019
347	100	Bias	0.566	0.548	-0.018
348	100	Unbiased	0.57	0.552	-0.018
349	100	Unbiased	0.565	0.548	-0.017
350	100	Unbiased	0.559	0.54	-0.019
351	100	Unbiased	0.565	0.547	-0.018
352	100	Unbiased	0.559	0.541	-0.018

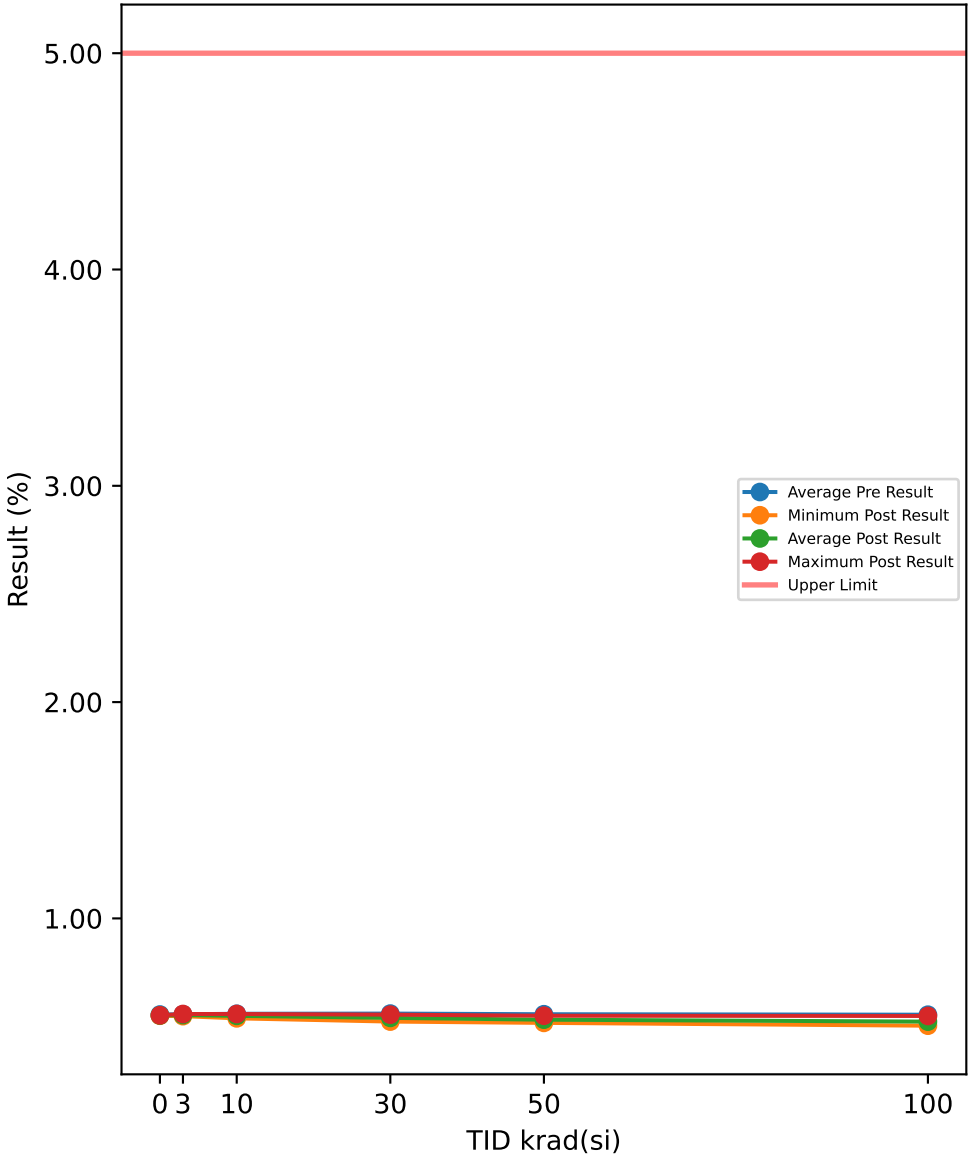
TID vs Post - Pre Exposure Delta



Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.556	0.56	0.567	0.0060828	0.553	0.55667	0.564	0.0063509	-0.004	-0.0033333	-0.003	0.00057735
3	0.554	0.5623	0.573	0.0055187	0.552	0.5566	0.564	0.0037476	-0.009	-0.0057	-0.002	0.0032677
10	0.558	0.5637	0.57	0.0034657	0.554	0.5579	0.565	0.0036652	-0.01	-0.0058	0	0.0029364
30	0.556	0.5609	0.567	0.0033149	0.546	0.5507	0.556	0.0029833	-0.014	-0.0102	-0.008	0.0022998
50	0.558	0.5641	0.572	0.0047481	0.545	0.5504	0.558	0.0042216	-0.015	-0.0137	-0.011	0.0011595
100	0.559	0.5643	0.57	0.0036833	0.54	0.5462	0.552	0.0037653	-0.019	-0.0181	-0.017	0.00056765

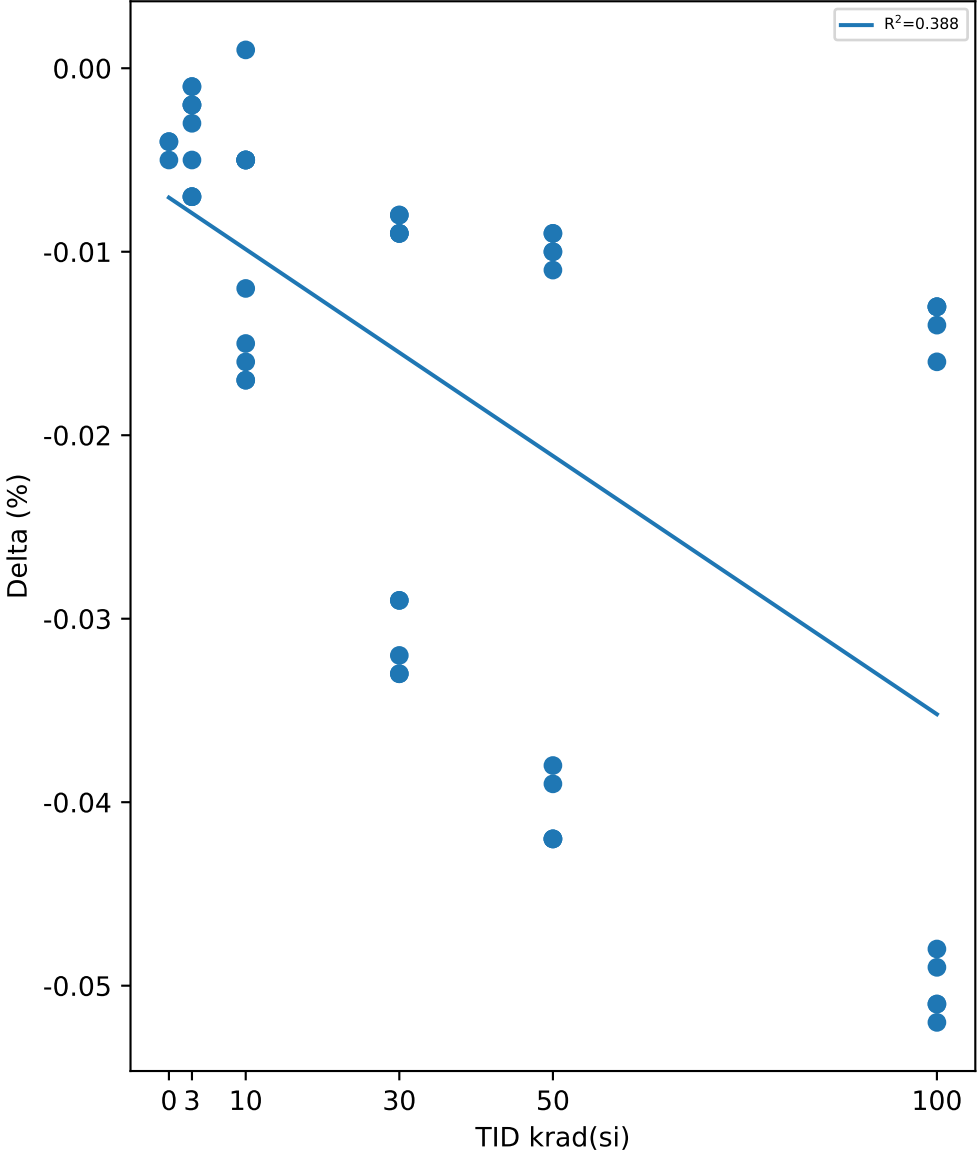
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.557	0.552	-0.005
301	0	Correlation	0.554	0.55	-0.004
302	0	Correlation	0.556	0.552	-0.004
303	3	Bias	0.558	0.551	-0.007
304	3	Bias	0.558	0.551	-0.007
305	3	Bias	0.562	0.555	-0.007
306	3	Bias	0.558	0.553	-0.005
307	3	Bias	0.558	0.555	-0.003
308	3	Unbiased	0.56	0.558	-0.002
309	3	Unbiased	0.552	0.55	-0.002
310	3	Unbiased	0.559	0.558	-0.001
311	3	Unbiased	0.553	0.552	-0.001
312	3	Unbiased	0.55	0.548	-0.002
313	10	Bias	0.562	0.547	-0.015
314	10	Bias	0.554	0.538	-0.016
315	10	Bias	0.563	0.546	-0.017
316	10	Bias	0.558	0.553	-0.005
317	10	Bias	0.564	0.547	-0.017
318	10	Unbiased	0.551	0.546	-0.005
319	10	Unbiased	0.561	0.556	-0.005
320	10	Unbiased	0.557	0.558	0.001
321	10	Unbiased	0.564	0.552	-0.012
322	10	Unbiased	0.557	0.552	-0.005
323	30	Bias	0.561	0.532	-0.029
324	30	Bias	0.561	0.532	-0.029
325	30	Bias	0.556	0.523	-0.033
326	30	Bias	0.558	0.525	-0.033
327	30	Bias	0.566	0.534	-0.032
328	30	Unbiased	0.558	0.549	-0.009
329	30	Unbiased	0.562	0.554	-0.008
330	30	Unbiased	0.556	0.547	-0.009
331	30	Unbiased	0.559	0.55	-0.009
332	30	Unbiased	0.563	0.555	-0.008
333	50	Bias	0.561	0.522	-0.039
334	50	Bias	0.555	0.517	-0.038
335	50	Bias	0.559	0.517	-0.042
336	50	Bias	0.56	0.518	-0.042
337	50	Bias	0.562	0.52	-0.042
338	50	Unbiased	0.557	0.546	-0.011
339	50	Unbiased	0.55	0.541	-0.009
340	50	Unbiased	0.554	0.544	-0.01
341	50	Unbiased	0.559	0.55	-0.009
342	50	Unbiased	0.553	0.543	-0.01
343	100	Bias	0.552	0.504	-0.048
344	100	Bias	0.556	0.507	-0.049
345	100	Bias	0.556	0.505	-0.051
346	100	Bias	0.559	0.507	-0.052
347	100	Bias	0.559	0.508	-0.051
348	100	Unbiased	0.551	0.538	-0.013
349	100	Unbiased	0.562	0.549	-0.013
350	100	Unbiased	0.553	0.537	-0.016
351	100	Unbiased	0.549	0.536	-0.013
352	100	Unbiased	0.551	0.537	-0.014

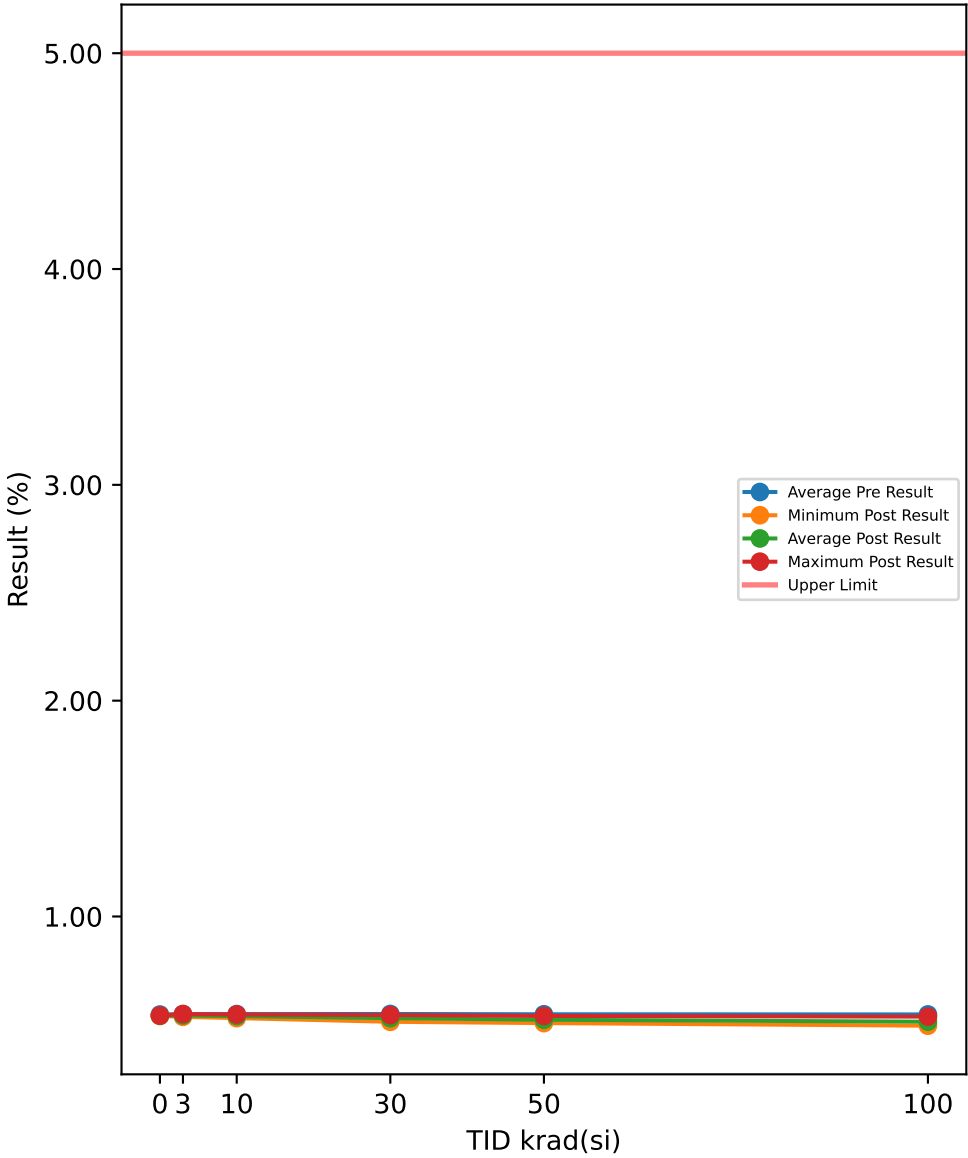
TID vs Post - Pre Exposure Delta



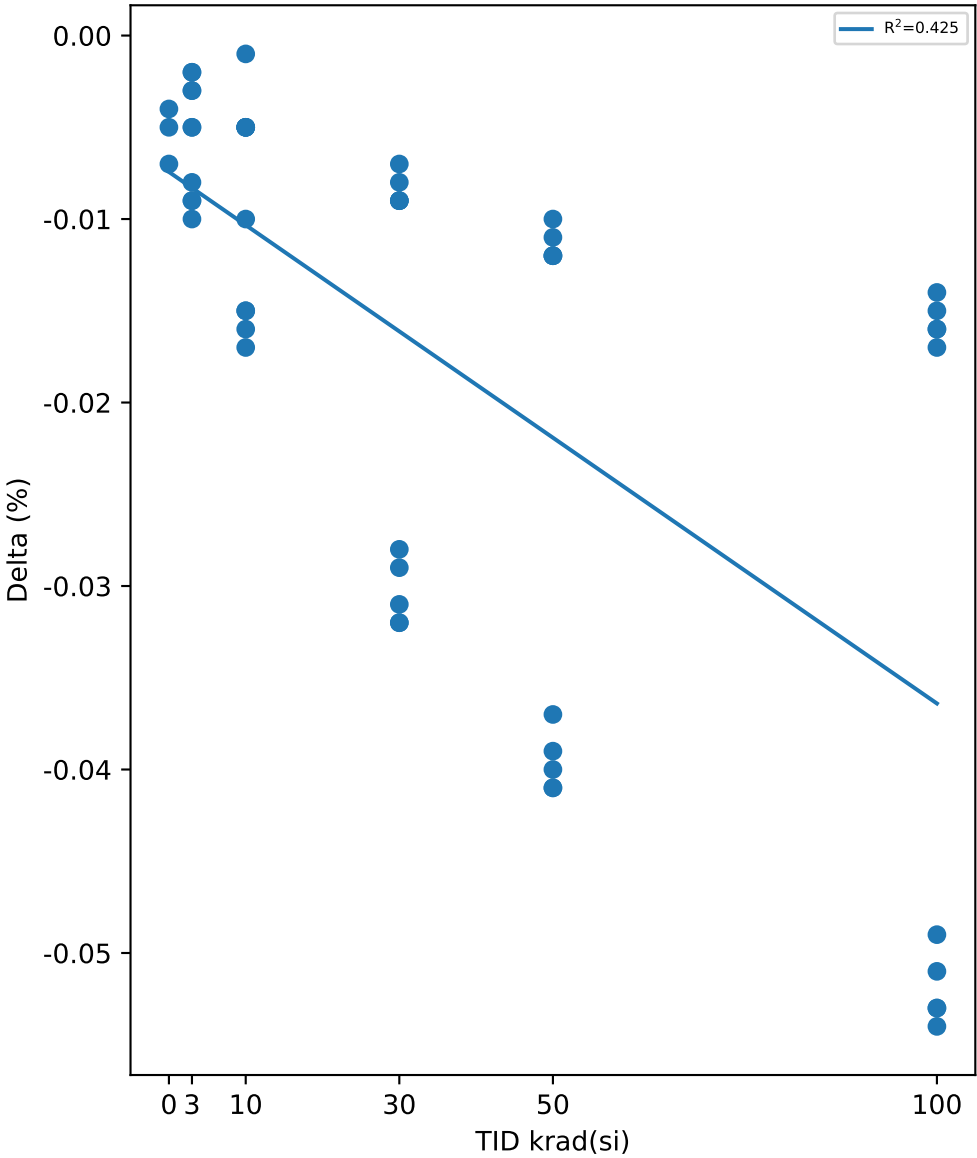
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.554	0.55567	0.557	0.0015275	0.55	0.55133	0.552	0.0011547	-0.005	-0.0043333	-0.004	0.00057735
3	0.55	0.5568	0.562	0.0038239	0.548	0.5531	0.558	0.0033483	-0.007	-0.0037	-0.001	0.0025408
10	0.551	0.5591	0.564	0.0044335	0.538	0.5495	0.558	0.0058547	-0.017	-0.0096	0.001	0.0065184
30	0.556	0.56	0.566	0.0031972	0.523	0.5401	0.555	0.012151	-0.033	-0.0199	-0.008	0.011995
50	0.55	0.557	0.562	0.0038873	0.517	0.5318	0.55	0.013967	-0.042	-0.0252	-0.009	0.016295
100	0.549	0.5548	0.562	0.0042635	0.504	0.5228	0.549	0.0179	-0.052	-0.032	-0.013	0.019235

TID vs Result Stats



TID vs Post - Pre Exposure Delta



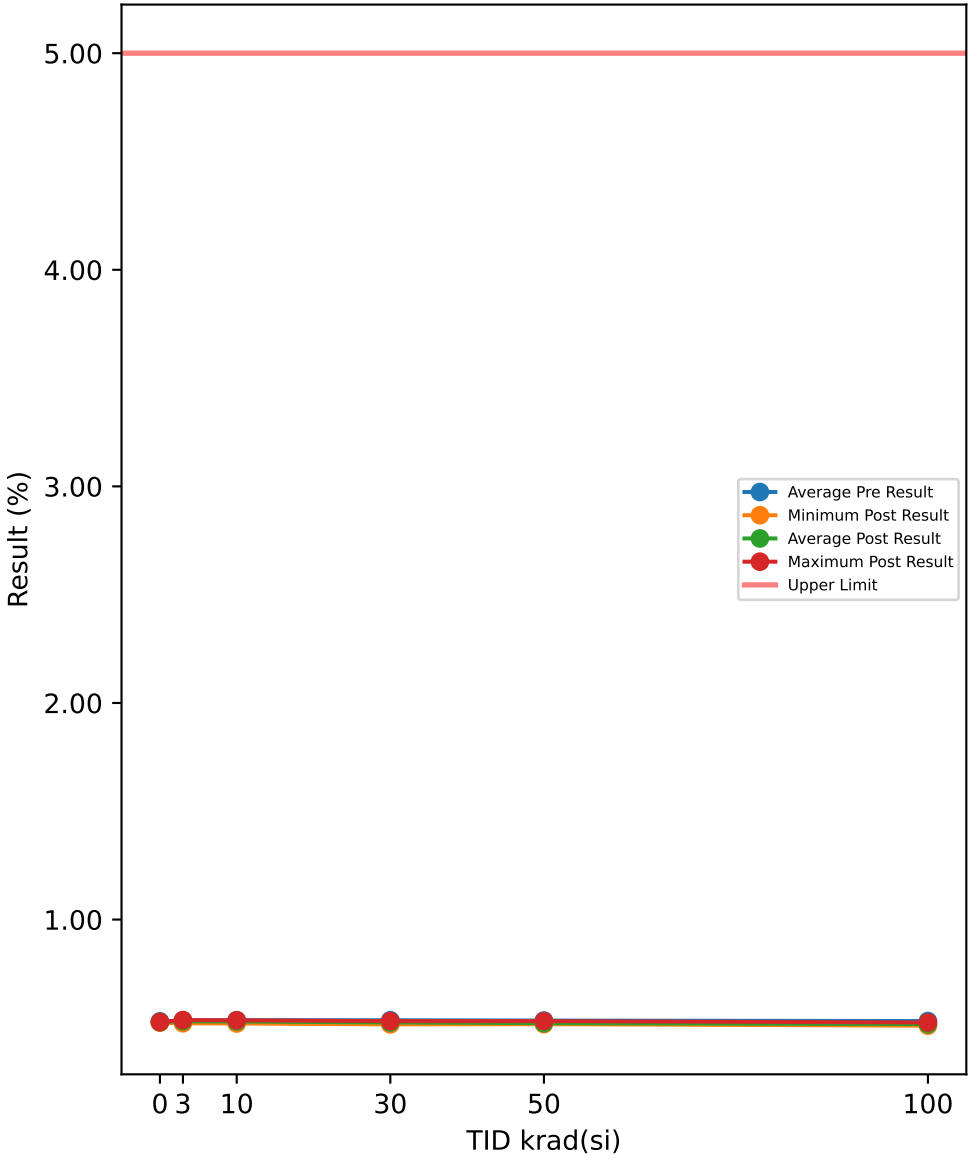
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.548	0.541	-0.007
301	0	Correlation	0.544	0.539	-0.005
302	0	Correlation	0.545	0.541	-0.004
303	3	Bias	0.548	0.539	-0.009
304	3	Bias	0.553	0.544	-0.009
305	3	Bias	0.551	0.541	-0.01
306	3	Bias	0.551	0.543	-0.008
307	3	Bias	0.548	0.543	-0.005
308	3	Unbiased	0.553	0.548	-0.005
309	3	Unbiased	0.542	0.54	-0.002
310	3	Unbiased	0.548	0.546	-0.002
311	3	Unbiased	0.542	0.539	-0.003
312	3	Unbiased	0.538	0.535	-0.003
313	10	Bias	0.551	0.536	-0.015
314	10	Bias	0.544	0.529	-0.015
315	10	Bias	0.55	0.534	-0.016
316	10	Bias	0.547	0.542	-0.005
317	10	Bias	0.553	0.536	-0.017
318	10	Unbiased	0.539	0.534	-0.005
319	10	Unbiased	0.548	0.543	-0.005
320	10	Unbiased	0.547	0.546	-0.001
321	10	Unbiased	0.552	0.542	-0.01
322	10	Unbiased	0.547	0.542	-0.005
323	30	Bias	0.551	0.522	-0.029
324	30	Bias	0.548	0.52	-0.028
325	30	Bias	0.546	0.514	-0.032
326	30	Bias	0.544	0.512	-0.032
327	30	Bias	0.554	0.523	-0.031
328	30	Unbiased	0.544	0.536	-0.008
329	30	Unbiased	0.55	0.543	-0.007
330	30	Unbiased	0.544	0.535	-0.009
331	30	Unbiased	0.551	0.542	-0.009
332	30	Unbiased	0.551	0.542	-0.009
333	50	Bias	0.548	0.511	-0.037
334	50	Bias	0.545	0.506	-0.039
335	50	Bias	0.548	0.508	-0.04
336	50	Bias	0.551	0.51	-0.041
337	50	Bias	0.551	0.51	-0.041
338	50	Unbiased	0.546	0.534	-0.012
339	50	Unbiased	0.541	0.531	-0.01
340	50	Unbiased	0.544	0.532	-0.012
341	50	Unbiased	0.551	0.539	-0.012
342	50	Unbiased	0.544	0.533	-0.011
343	100	Bias	0.543	0.494	-0.049
344	100	Bias	0.549	0.498	-0.051
345	100	Bias	0.547	0.494	-0.053
346	100	Bias	0.554	0.5	-0.054
347	100	Bias	0.552	0.499	-0.053
348	100	Unbiased	0.542	0.528	-0.014
349	100	Unbiased	0.551	0.536	-0.015
350	100	Unbiased	0.542	0.525	-0.017
351	100	Unbiased	0.543	0.527	-0.016
352	100	Unbiased	0.539	0.523	-0.016

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.544	0.54567	0.548	0.0020817	0.539	0.54033	0.541	0.0011547	-0.007	-0.0053333	-0.004	0.0015275
3	0.538	0.5474	0.553	0.0051251	0.535	0.5418	0.548	0.0037947	-0.01	-0.0056	-0.002	0.003134
10	0.539	0.5478	0.553	0.0041312	0.529	0.5384	0.546	0.0053375	-0.017	-0.0094	-0.001	0.0058916
30	0.544	0.5483	0.554	0.0036225	0.512	0.5289	0.543	0.012013	-0.032	-0.0194	-0.007	0.011673
50	0.541	0.5469	0.551	0.0034785	0.506	0.5214	0.539	0.013302	-0.041	-0.0255	-0.01	0.014916
100	0.539	0.5462	0.554	0.0050947	0.494	0.5124	0.536	0.016675	-0.054	-0.0338	-0.014	0.019246

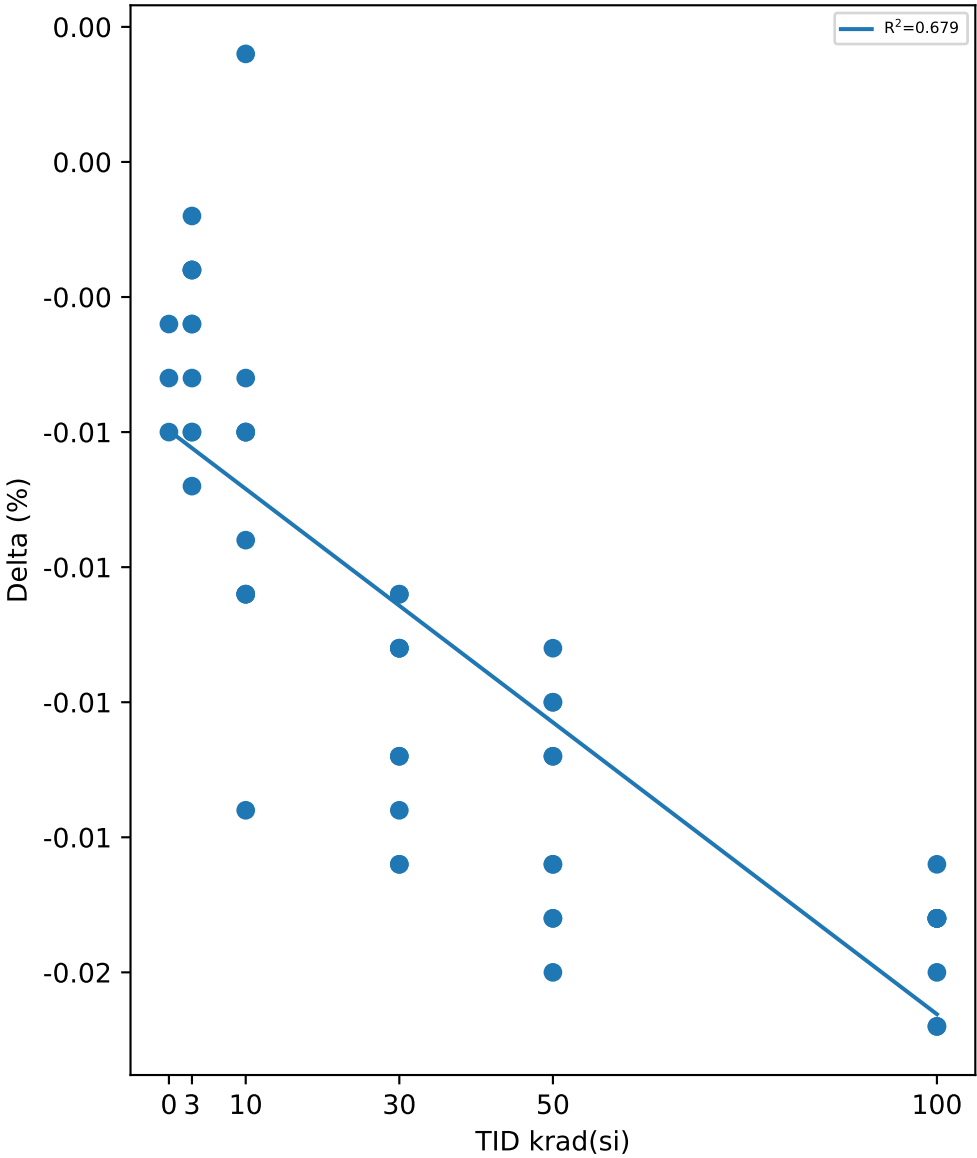
TID vs Result Stats



Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.532	0.527	-0.005
301	0	Correlation	0.528	0.524	-0.004
302	0	Correlation	0.53	0.527	-0.003
303	3	Bias	0.534	0.529	-0.005
304	3	Bias	0.541	0.536	-0.005
305	3	Bias	0.539	0.533	-0.006
306	3	Bias	0.536	0.532	-0.004
307	3	Bias	0.535	0.532	-0.003
308	3	Unbiased	0.538	0.535	-0.003
309	3	Unbiased	0.529	0.527	-0.002
310	3	Unbiased	0.535	0.534	-0.001
311	3	Unbiased	0.527	0.525	-0.002
312	3	Unbiased	0.523	0.521	-0.002
313	10	Bias	0.539	0.532	-0.007
314	10	Bias	0.531	0.523	-0.008
315	10	Bias	0.539	0.531	-0.008
316	10	Bias	0.533	0.528	-0.005
317	10	Bias	0.542	0.534	-0.008
318	10	Unbiased	0.525	0.52	-0.005
319	10	Unbiased	0.535	0.531	-0.004
320	10	Unbiased	0.533	0.535	0.002
321	10	Unbiased	0.54	0.528	-0.012
322	10	Unbiased	0.537	0.532	-0.005
323	30	Bias	0.538	0.527	-0.011
324	30	Bias	0.535	0.524	-0.011
325	30	Bias	0.533	0.52	-0.013
326	30	Bias	0.529	0.516	-0.013
327	30	Bias	0.543	0.531	-0.012
328	30	Unbiased	0.53	0.521	-0.009
329	30	Unbiased	0.539	0.531	-0.008
330	30	Unbiased	0.53	0.521	-0.009
331	30	Unbiased	0.537	0.528	-0.009
332	30	Unbiased	0.537	0.529	-0.008
333	50	Bias	0.534	0.521	-0.013
334	50	Bias	0.531	0.518	-0.013
335	50	Bias	0.537	0.523	-0.014
336	50	Bias	0.538	0.524	-0.014
337	50	Bias	0.537	0.522	-0.015
338	50	Unbiased	0.532	0.521	-0.011
339	50	Unbiased	0.526	0.517	-0.009
340	50	Unbiased	0.532	0.521	-0.011
341	50	Unbiased	0.541	0.531	-0.01
342	50	Unbiased	0.529	0.519	-0.01
343	100	Bias	0.527	0.513	-0.014
344	100	Bias	0.535	0.52	-0.015
345	100	Bias	0.536	0.52	-0.016
346	100	Bias	0.536	0.522	-0.014
347	100	Bias	0.533	0.519	-0.014
348	100	Unbiased	0.529	0.515	-0.014
349	100	Unbiased	0.539	0.525	-0.014
350	100	Unbiased	0.528	0.512	-0.016
351	100	Unbiased	0.528	0.514	-0.014
352	100	Unbiased	0.523	0.51	-0.013

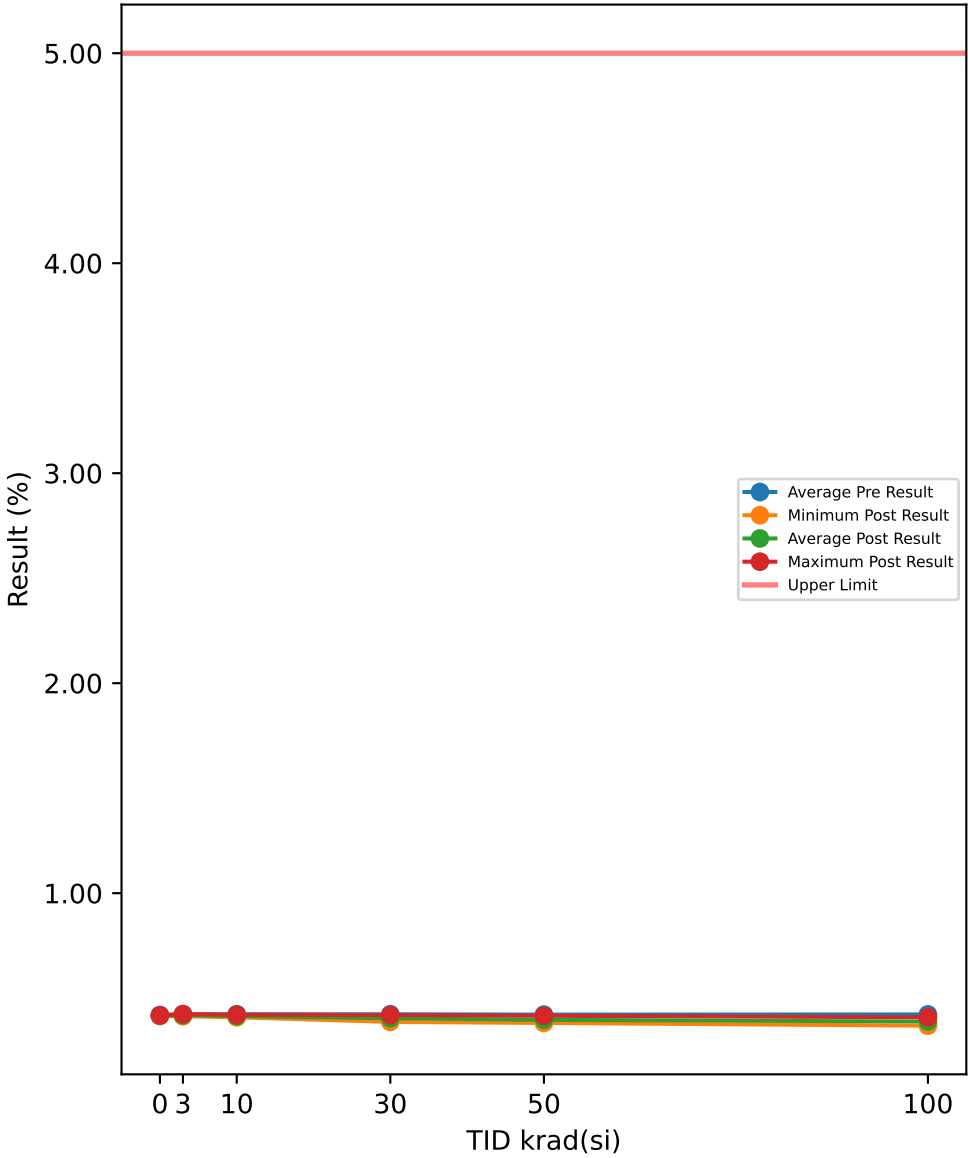
TID vs Post - Pre Exposure Delta



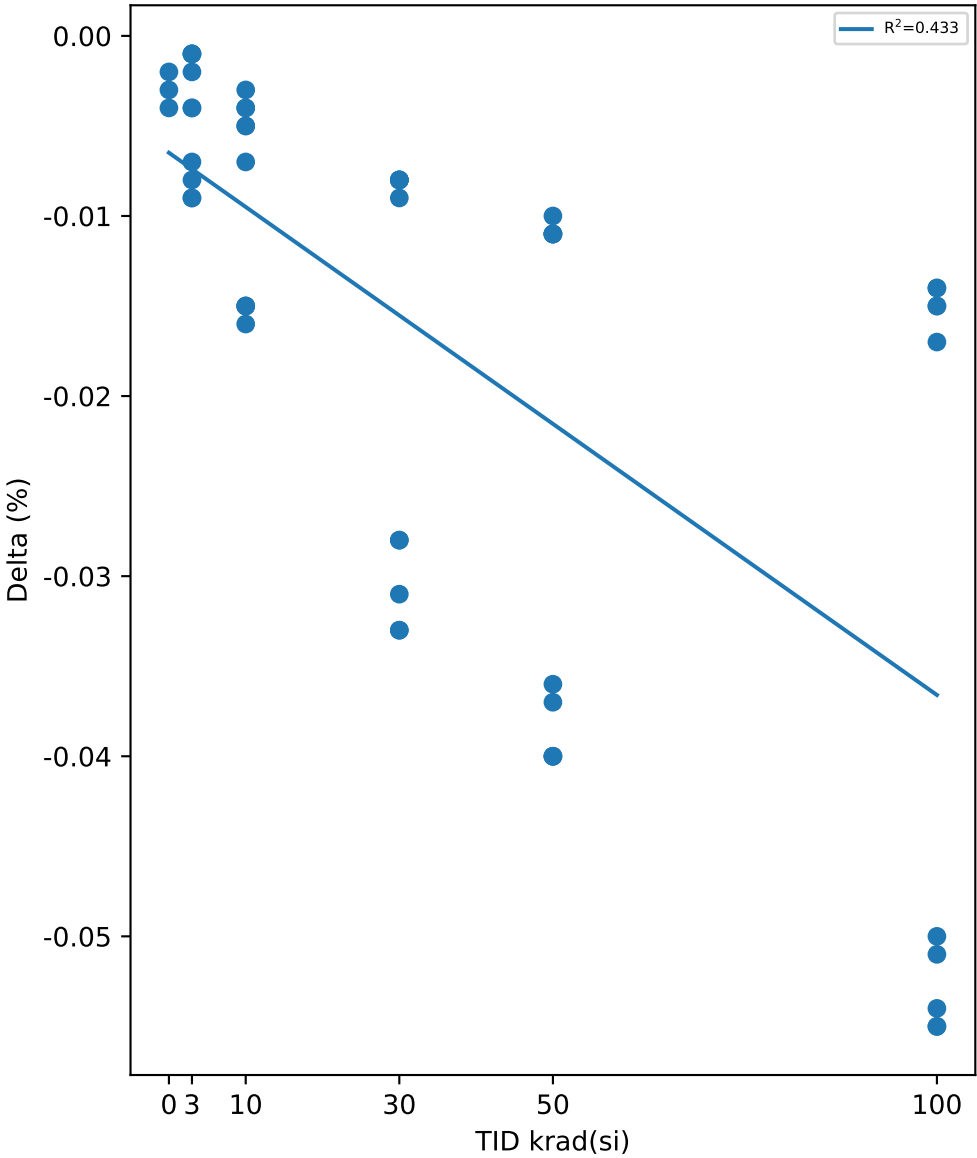
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.528	0.53	0.532	0.002	0.524	0.526	0.527	0.0017321	-0.005	-0.004	-0.003	0.001
3	0.523	0.5337	0.541	0.0056774	0.521	0.5304	0.536	0.004812	-0.006	-0.0033	-0.001	0.0016364
10	0.525	0.5354	0.542	0.0050816	0.52	0.5294	0.535	0.0047656	-0.012	-0.006	0.002	0.0036515
30	0.529	0.5351	0.543	0.004557	0.516	0.5248	0.531	0.0051597	-0.013	-0.0103	-0.008	0.0019465
50	0.526	0.5337	0.541	0.0045717	0.517	0.5217	0.531	0.0039172	-0.015	-0.012	-0.009	0.0020548
100	0.523	0.5314	0.539	0.0051034	0.51	0.517	0.525	0.0048762	-0.016	-0.0144	-0.013	0.00096609

TID vs Result Stats



TID vs Post - Pre Exposure Delta



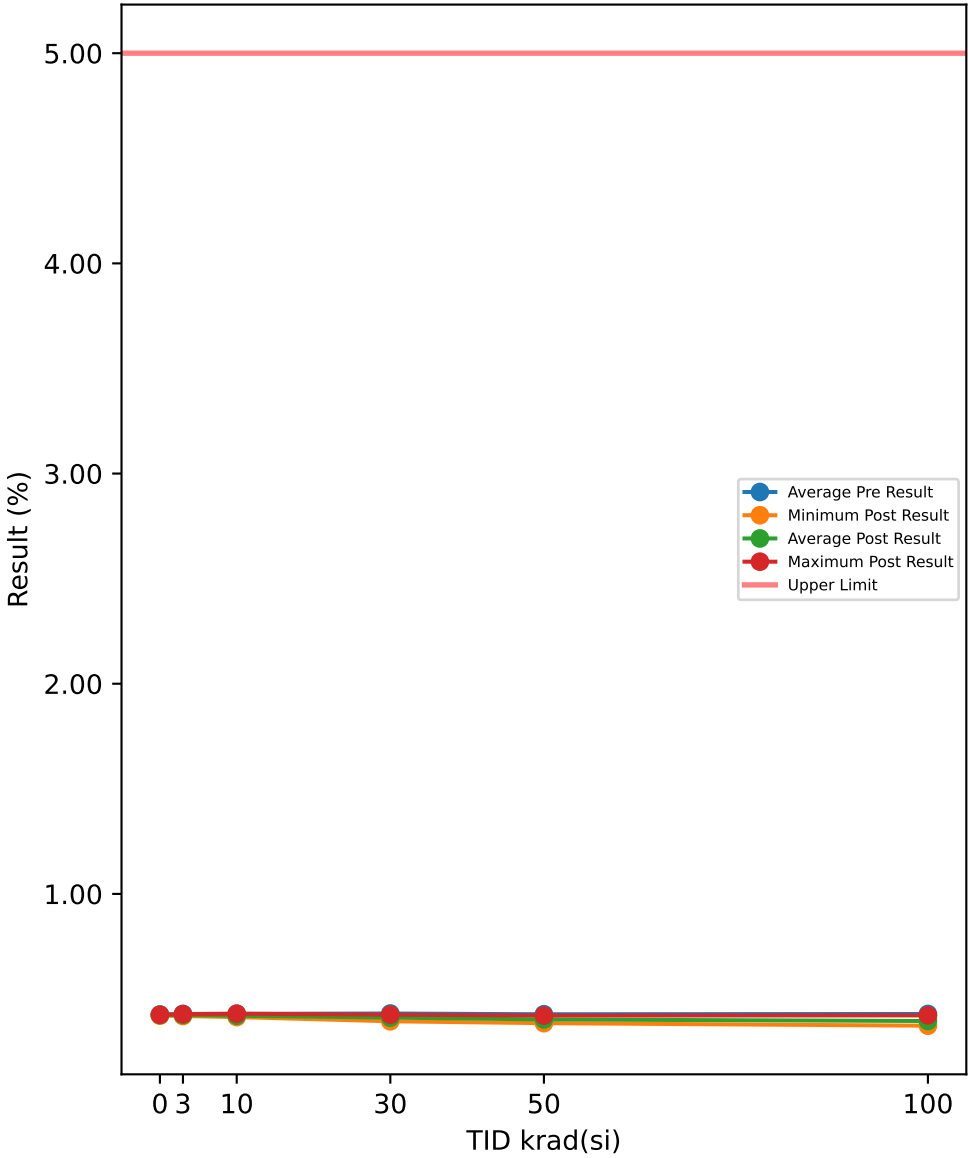
Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.422	0.418	-0.004
301	0	Correlation	0.418	0.415	-0.003
302	0	Correlation	0.42	0.418	-0.002
303	3	Bias	0.428	0.42	-0.008
304	3	Bias	0.429	0.42	-0.009
305	3	Bias	0.426	0.417	-0.009
306	3	Bias	0.421	0.414	-0.007
307	3	Bias	0.426	0.422	-0.004
308	3	Unbiased	0.428	0.424	-0.004
309	3	Unbiased	0.421	0.419	-0.002
310	3	Unbiased	0.424	0.423	-0.001
311	3	Unbiased	0.417	0.416	-0.001
312	3	Unbiased	0.416	0.415	-0.001
313	10	Bias	0.424	0.409	-0.015
314	10	Bias	0.426	0.411	-0.015
315	10	Bias	0.427	0.411	-0.016
316	10	Bias	0.42	0.416	-0.004
317	10	Bias	0.425	0.41	-0.015
318	10	Unbiased	0.42	0.416	-0.004
319	10	Unbiased	0.426	0.421	-0.005
320	10	Unbiased	0.42	0.417	-0.003
321	10	Unbiased	0.422	0.415	-0.007
322	10	Unbiased	0.425	0.42	-0.005
323	30	Bias	0.429	0.401	-0.028
324	30	Bias	0.422	0.394	-0.028
325	30	Bias	0.425	0.392	-0.033
326	30	Bias	0.418	0.387	-0.031
327	30	Bias	0.431	0.398	-0.033
328	30	Unbiased	0.42	0.412	-0.008
329	30	Unbiased	0.423	0.415	-0.008
330	30	Unbiased	0.42	0.411	-0.009
331	30	Unbiased	0.42	0.412	-0.008
332	30	Unbiased	0.427	0.419	-0.008
333	50	Bias	0.418	0.382	-0.036
334	50	Bias	0.421	0.384	-0.037
335	50	Bias	0.423	0.383	-0.04
336	50	Bias	0.422	0.382	-0.04
337	50	Bias	0.423	0.383	-0.04
338	50	Unbiased	0.42	0.409	-0.011
339	50	Unbiased	0.417	0.407	-0.01
340	50	Unbiased	0.424	0.413	-0.011
341	50	Unbiased	0.427	0.416	-0.011
342	50	Unbiased	0.422	0.411	-0.011
343	100	Bias	0.419	0.369	-0.05
344	100	Bias	0.423	0.372	-0.051
345	100	Bias	0.427	0.372	-0.055
346	100	Bias	0.429	0.374	-0.055
347	100	Bias	0.426	0.372	-0.054
348	100	Unbiased	0.419	0.405	-0.014
349	100	Unbiased	0.423	0.409	-0.014
350	100	Unbiased	0.422	0.405	-0.017
351	100	Unbiased	0.421	0.406	-0.015
352	100	Unbiased	0.418	0.403	-0.015

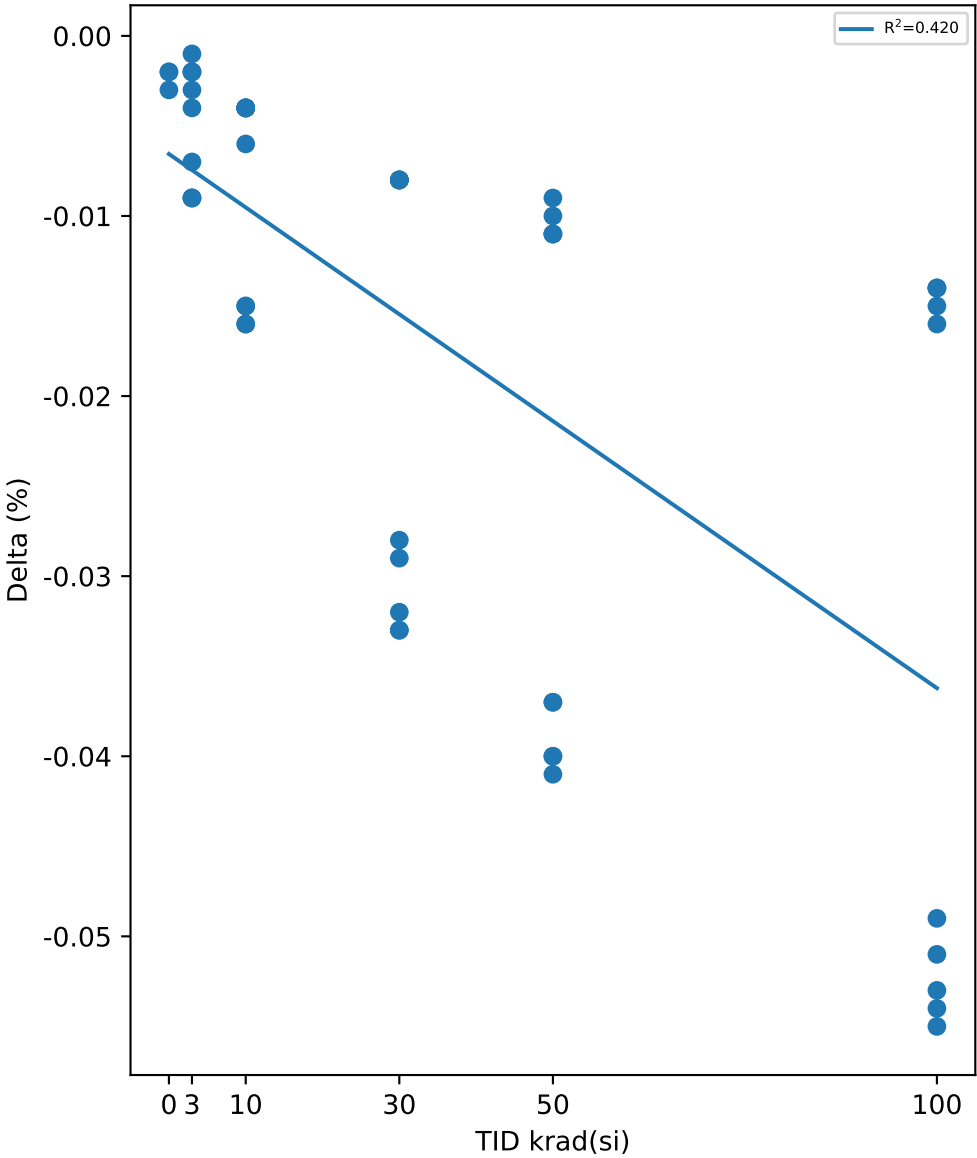
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.418	0.42	0.422	0.002	0.415	0.417	0.418	0.0017321	-0.004	-0.003	-0.002	0.001
3	0.416	0.4236	0.429	0.0046476	0.414	0.419	0.424	0.0034319	-0.009	-0.0046	-0.001	0.0033731
10	0.42	0.4235	0.427	0.0027588	0.409	0.4146	0.421	0.0041952	-0.016	-0.0089	-0.003	0.0055668
30	0.418	0.4235	0.431	0.0043525	0.387	0.4041	0.419	0.01106	-0.033	-0.0194	-0.008	0.011928
50	0.417	0.4217	0.427	0.0029078	0.382	0.397	0.416	0.015158	-0.04	-0.0247	-0.01	0.014712
100	0.418	0.4227	0.429	0.0036833	0.369	0.3887	0.409	0.017914	-0.055	-0.034	-0.014	0.020105

TID vs Result Stats



TID vs Post - Pre Exposure Delta

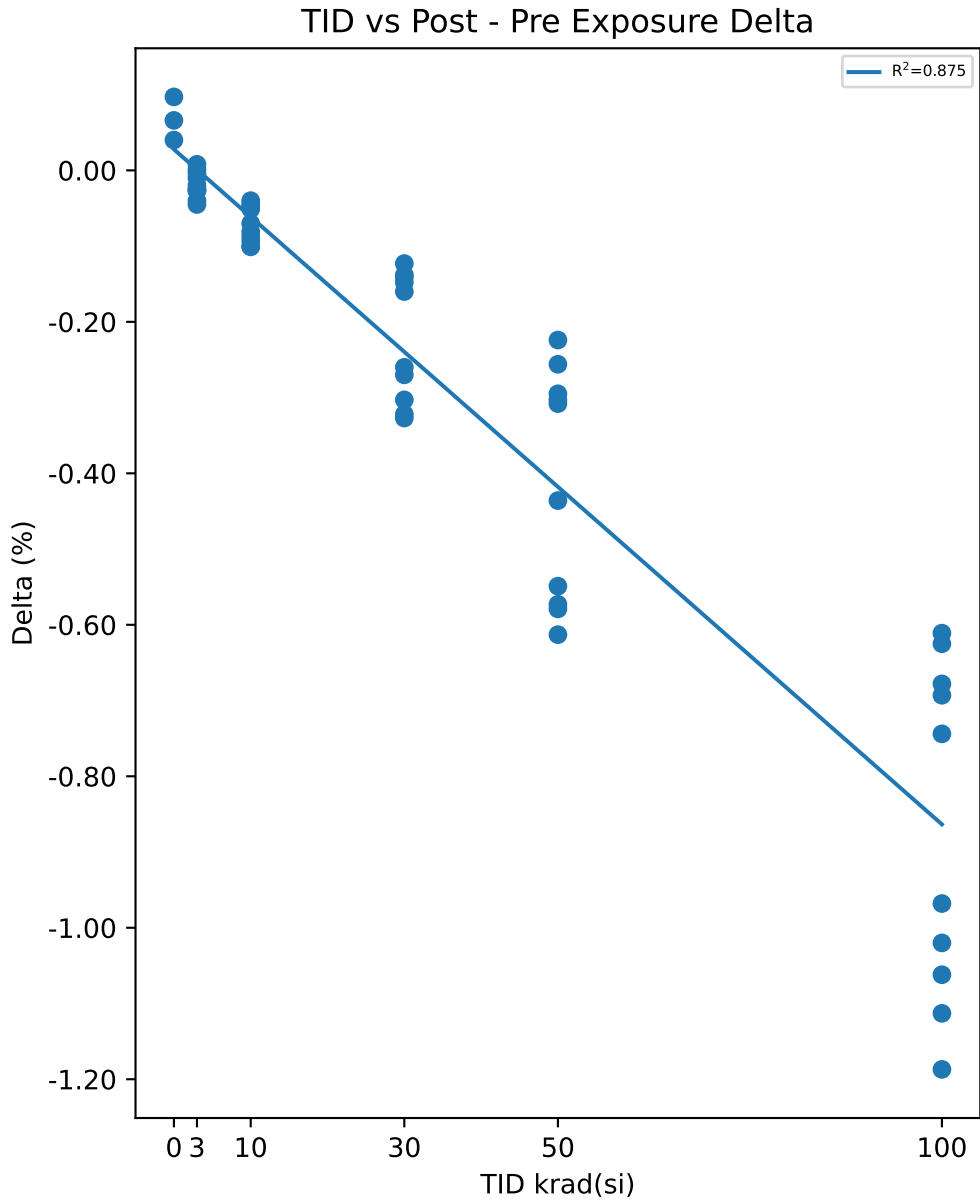
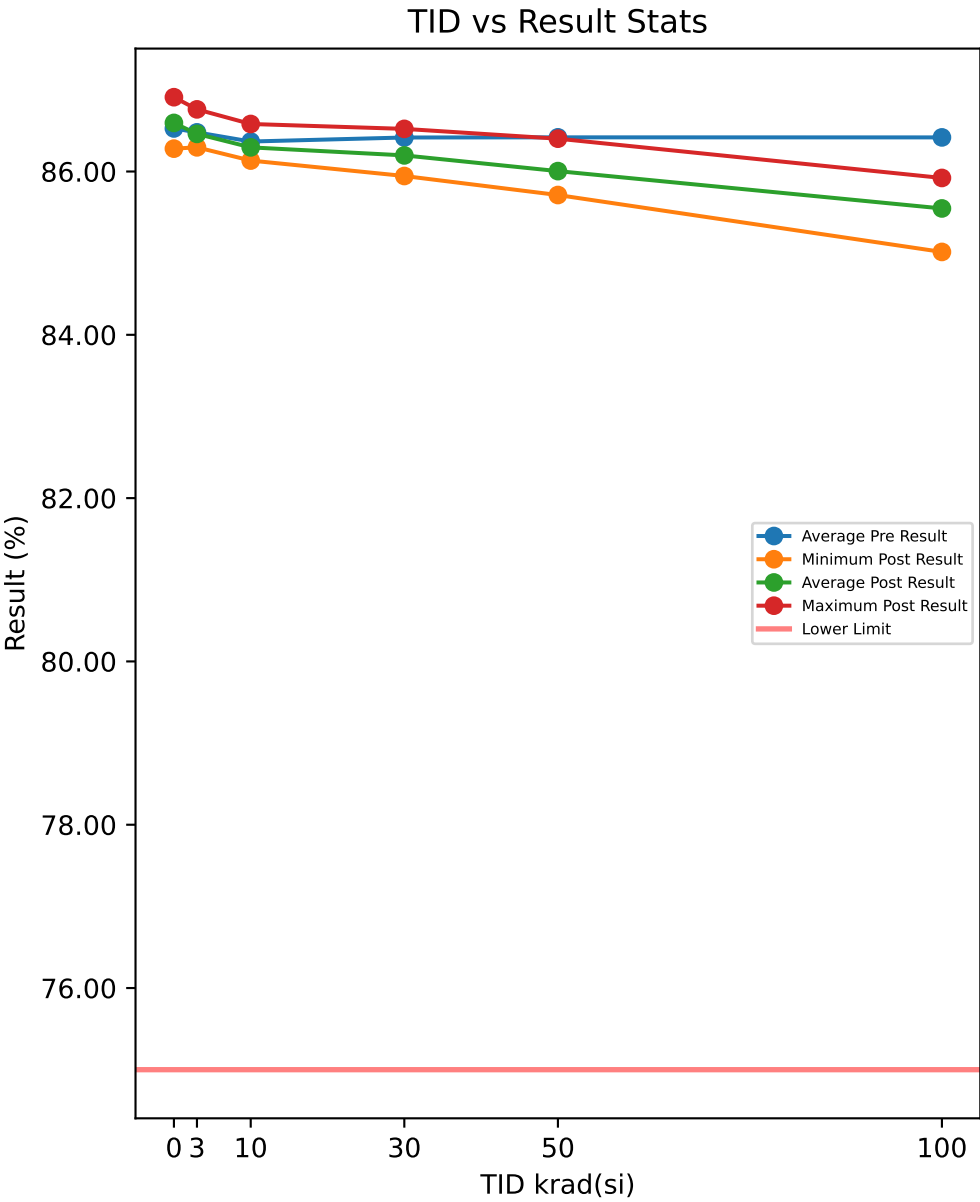


Test Results (Upper Limit = 5.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	0.428	0.425	-0.003
301	0	Correlation	0.423	0.421	-0.002
302	0	Correlation	0.427	0.425	-0.002
303	3	Bias	0.433	0.424	-0.009
304	3	Bias	0.433	0.424	-0.009
305	3	Bias	0.433	0.424	-0.009
306	3	Bias	0.43	0.423	-0.007
307	3	Bias	0.431	0.427	-0.004
308	3	Unbiased	0.431	0.428	-0.003
309	3	Unbiased	0.426	0.424	-0.002
310	3	Unbiased	0.428	0.426	-0.002
311	3	Unbiased	0.423	0.421	-0.002
312	3	Unbiased	0.42	0.419	-0.001
313	10	Bias	0.432	0.417	-0.015
314	10	Bias	0.429	0.414	-0.015
315	10	Bias	0.432	0.416	-0.016
316	10	Bias	0.426	0.422	-0.004
317	10	Bias	0.432	0.416	-0.016
318	10	Unbiased	0.422	0.418	-0.004
319	10	Unbiased	0.434	0.43	-0.004
320	10	Unbiased	0.428	0.424	-0.004
321	10	Unbiased	0.429	0.423	-0.006
322	10	Unbiased	0.43	0.426	-0.004
323	30	Bias	0.437	0.408	-0.029
324	30	Bias	0.43	0.402	-0.028
325	30	Bias	0.429	0.396	-0.033
326	30	Bias	0.426	0.394	-0.032
327	30	Bias	0.441	0.408	-0.033
328	30	Unbiased	0.427	0.419	-0.008
329	30	Unbiased	0.431	0.423	-0.008
330	30	Unbiased	0.427	0.419	-0.008
331	30	Unbiased	0.428	0.42	-0.008
332	30	Unbiased	0.433	0.425	-0.008
333	50	Bias	0.422	0.385	-0.037
334	50	Bias	0.427	0.39	-0.037
335	50	Bias	0.429	0.388	-0.041
336	50	Bias	0.43	0.39	-0.04
337	50	Bias	0.429	0.389	-0.04
338	50	Unbiased	0.427	0.416	-0.011
339	50	Unbiased	0.425	0.416	-0.009
340	50	Unbiased	0.428	0.417	-0.011
341	50	Unbiased	0.431	0.421	-0.01
342	50	Unbiased	0.426	0.415	-0.011
343	100	Bias	0.422	0.373	-0.049
344	100	Bias	0.429	0.378	-0.051
345	100	Bias	0.429	0.376	-0.053
346	100	Bias	0.435	0.381	-0.054
347	100	Bias	0.433	0.378	-0.055
348	100	Unbiased	0.425	0.411	-0.014
349	100	Unbiased	0.436	0.422	-0.014
350	100	Unbiased	0.429	0.413	-0.016
351	100	Unbiased	0.429	0.414	-0.015
352	100	Unbiased	0.421	0.407	-0.014

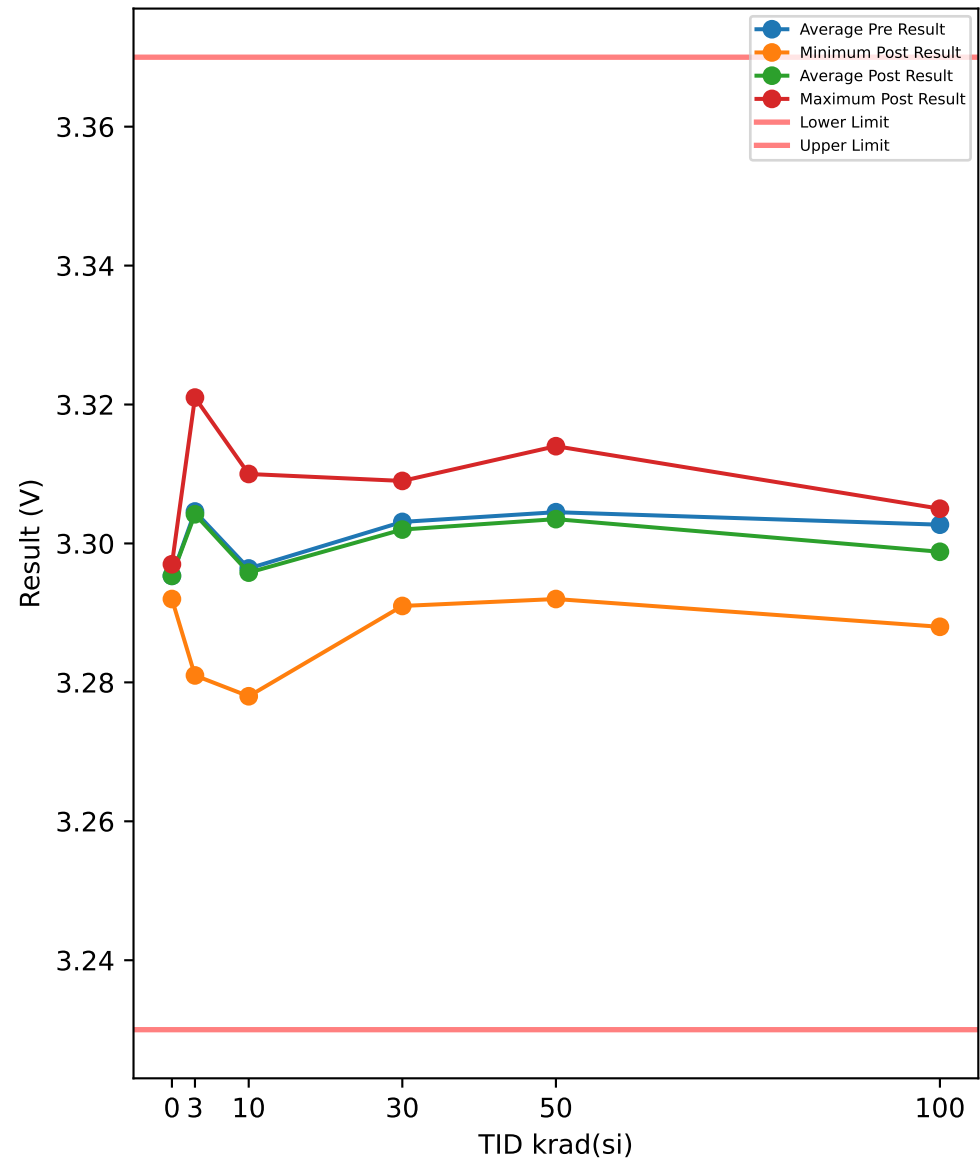
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.423	0.426	0.428	0.0026458	0.421	0.42367	0.425	0.0023094	-0.003	-0.0023333	-0.002	0.00057735
3	0.42	0.4288	0.433	0.0045166	0.419	0.424	0.428	0.0026667	-0.009	-0.0048	-0.001	0.0033267
10	0.422	0.4294	0.434	0.0035024	0.414	0.4206	0.43	0.0051897	-0.016	-0.0088	-0.004	0.005808
30	0.426	0.4309	0.441	0.0048408	0.394	0.4114	0.425	0.011355	-0.033	-0.0195	-0.008	0.012222
50	0.422	0.4274	0.431	0.0026331	0.385	0.4027	0.421	0.015217	-0.041	-0.0247	-0.009	0.015137
100	0.421	0.4288	0.436	0.0050509	0.373	0.3953	0.422	0.019528	-0.055	-0.0335	-0.014	0.019996



Device Test: 6.9 ; VLDO_REG

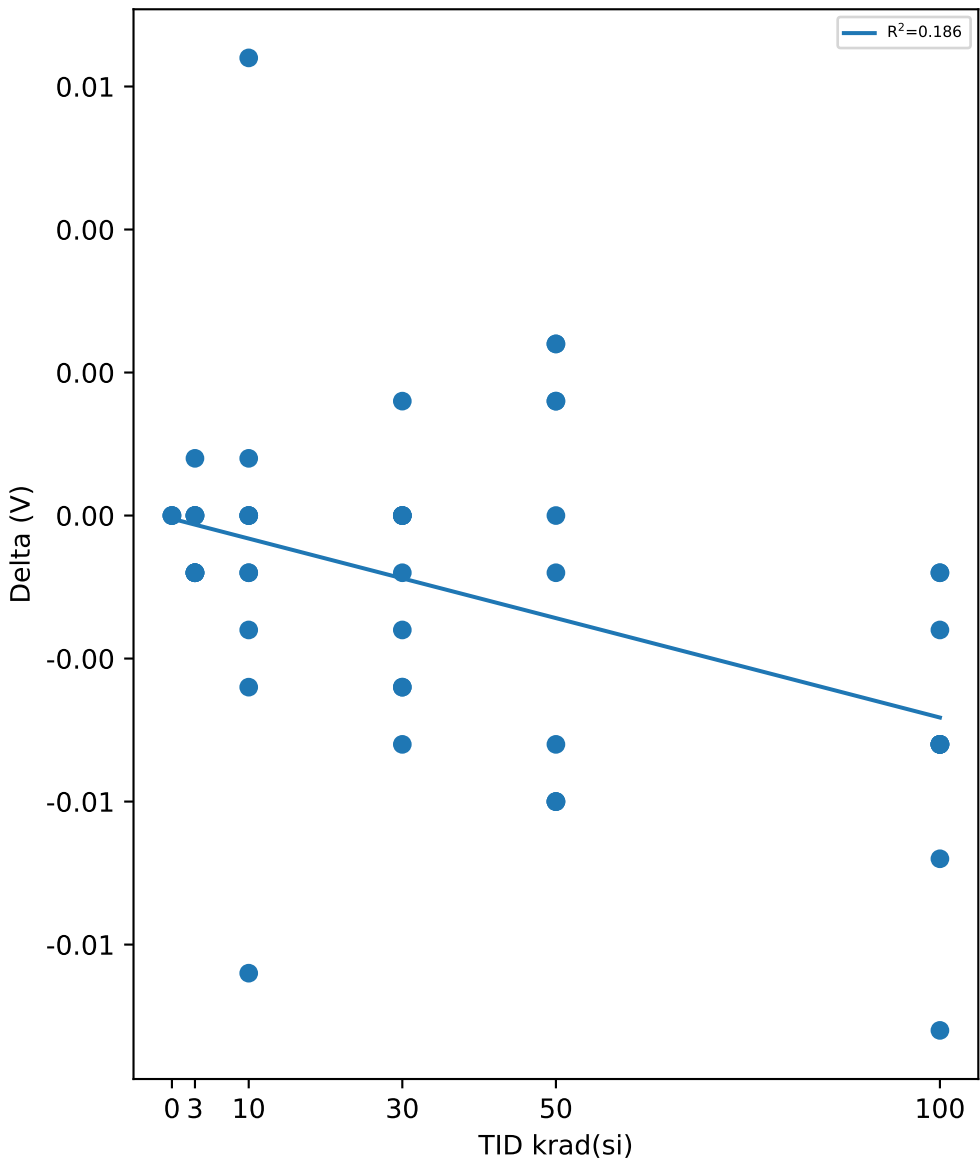
TID vs Result Stats



Test Results (Lower Limit = 3.23, Upper Limit = 3.37 (V))

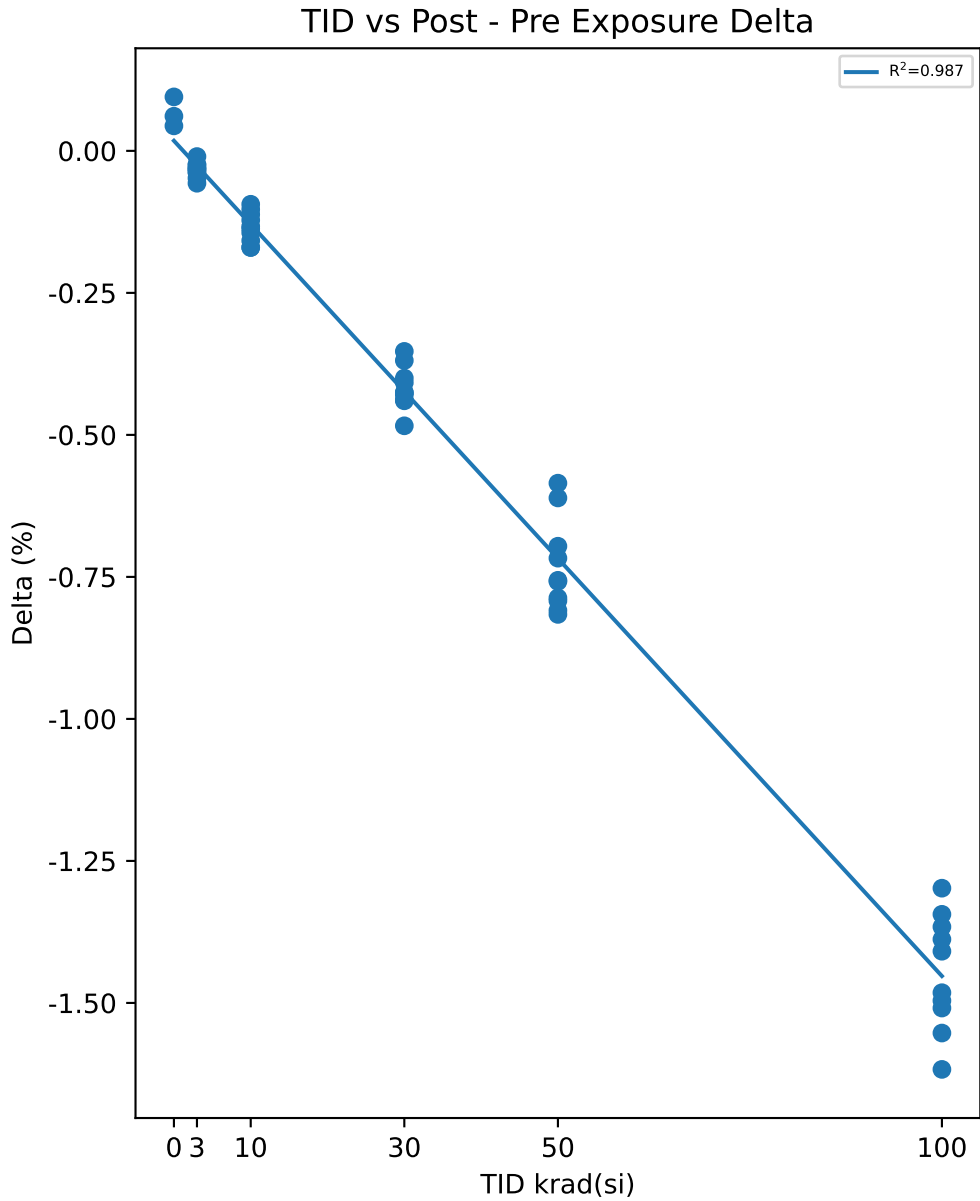
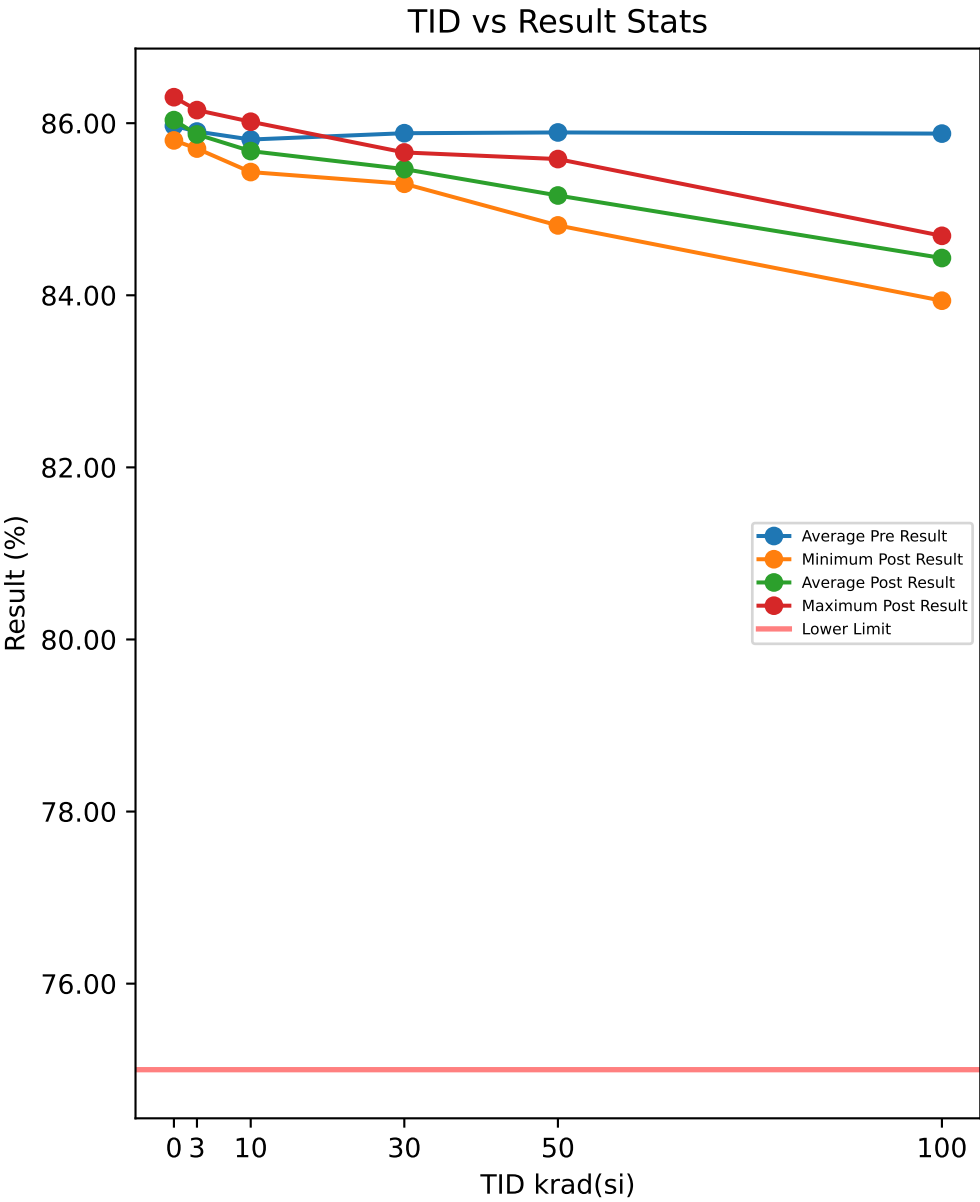
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	3.297	3.297	0
301	0	Correlation	3.292	3.292	0
302	0	Correlation	3.297	3.297	0
303	3	Bias	3.281	3.281	0
304	3	Bias	3.302	3.301	-0.001
305	3	Bias	3.305	3.306	0.001
306	3	Bias	3.297	3.297	0
307	3	Bias	3.322	3.321	-0.001
308	3	Unbiased	3.32	3.32	0
309	3	Unbiased	3.301	3.301	0
310	3	Unbiased	3.313	3.312	-0.001
311	3	Unbiased	3.293	3.292	-0.001
312	3	Unbiased	3.312	3.311	-0.001
313	10	Bias	3.307	3.307	0
314	10	Bias	3.302	3.299	-0.003
315	10	Bias	3.294	3.294	0
316	10	Bias	3.299	3.3	0.001
317	10	Bias	3.298	3.297	-0.001
318	10	Unbiased	3.312	3.31	-0.002
319	10	Unbiased	3.294	3.293	-0.001
320	10	Unbiased	3.286	3.278	-0.008
321	10	Unbiased	3.278	3.286	0.008
322	10	Unbiased	3.294	3.294	0
323	30	Bias	3.304	3.303	-0.001
324	30	Bias	3.3	3.297	-0.003
325	30	Bias	3.304	3.304	0
326	30	Bias	3.295	3.291	-0.004
327	30	Bias	3.306	3.306	0
328	30	Unbiased	3.312	3.309	-0.003
329	30	Unbiased	3.304	3.304	0
330	30	Unbiased	3.302	3.304	0.002
331	30	Unbiased	3.309	3.307	-0.002
332	30	Unbiased	3.295	3.295	0
333	50	Bias	3.297	3.292	-0.005
334	50	Bias	3.298	3.298	0
335	50	Bias	3.3	3.299	-0.001
336	50	Bias	3.311	3.313	0.002
337	50	Bias	3.306	3.302	-0.004
338	50	Unbiased	3.302	3.305	0.003
339	50	Unbiased	3.319	3.314	-0.005
340	50	Unbiased	3.31	3.313	0.003
341	50	Unbiased	3.302	3.297	-0.005
342	50	Unbiased	3.3	3.302	0.002
343	100	Bias	3.309	3.305	-0.004
344	100	Bias	3.304	3.3	-0.004
345	100	Bias	3.305	3.301	-0.004
346	100	Bias	3.297	3.288	-0.009
347	100	Bias	3.292	3.288	-0.004
348	100	Unbiased	3.303	3.302	-0.001
349	100	Unbiased	3.303	3.297	-0.006
350	100	Unbiased	3.301	3.299	-0.002
351	100	Unbiased	3.309	3.305	-0.004
352	100	Unbiased	3.304	3.303	-0.001

TID vs Post - Pre Exposure Delta



Test Statistics (V)

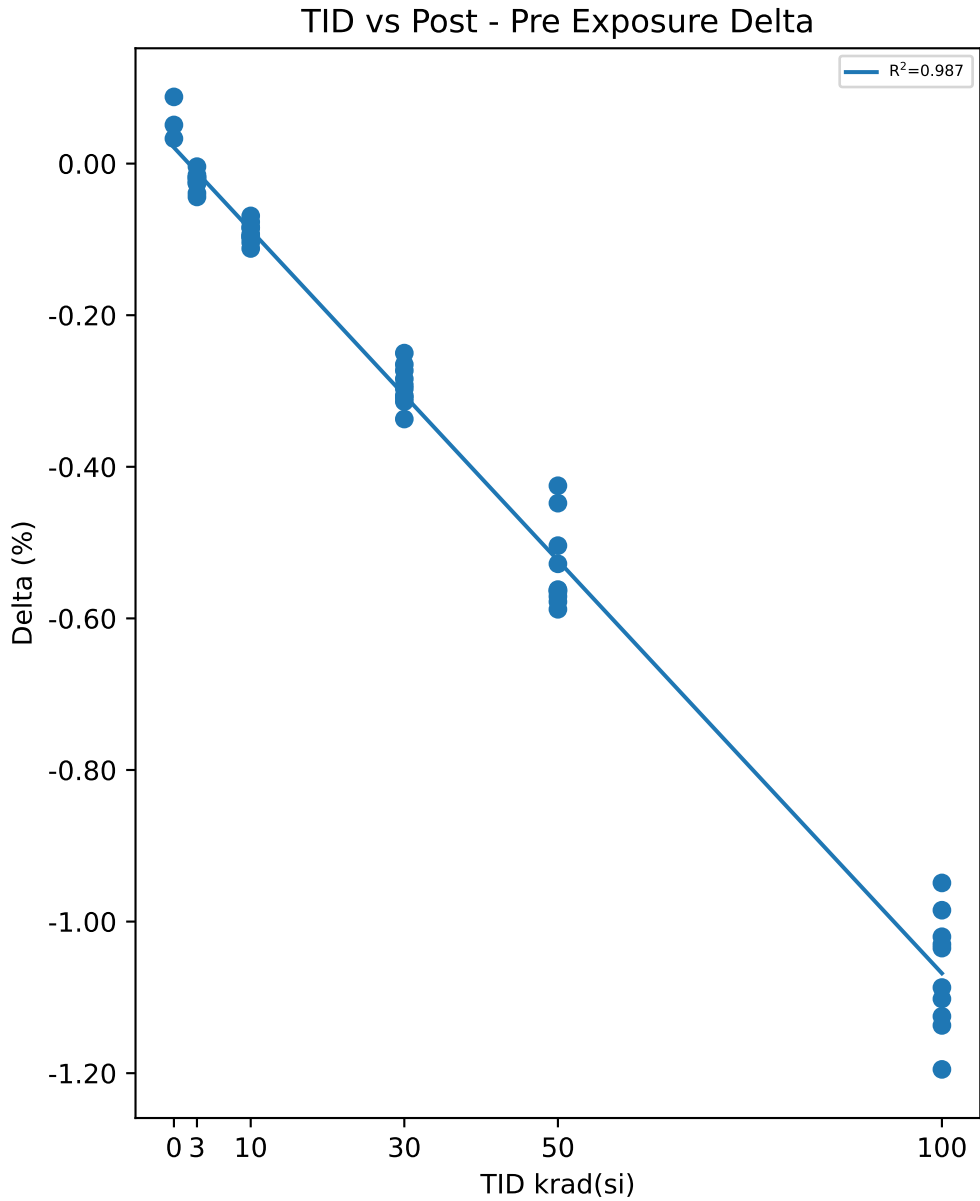
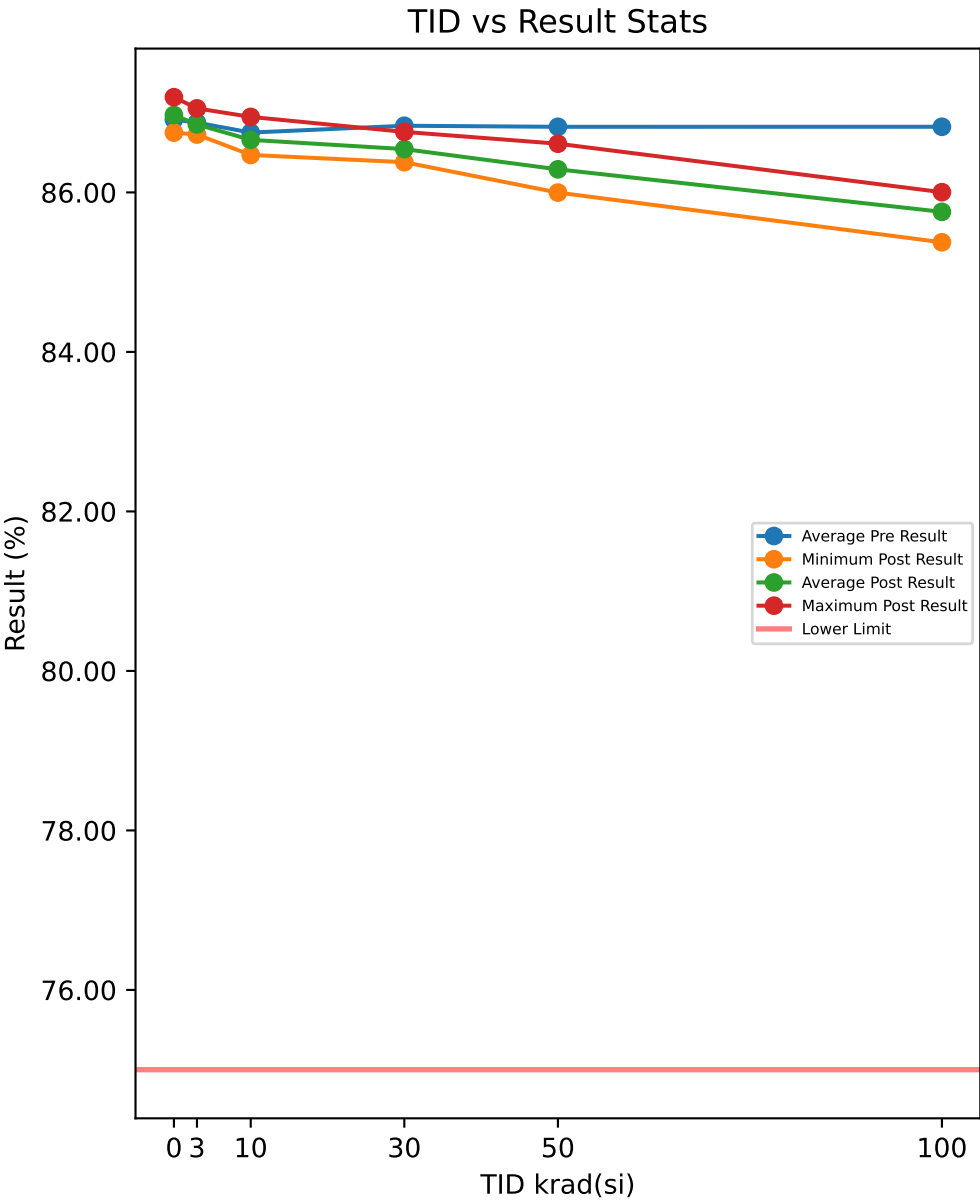
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.292	3.2953	3.297	0.0028868	3.292	3.2953	3.297	0.0028868	0	0	0	0
3	3.281	3.3046	3.322	0.012624	3.281	3.3042	3.321	0.012479	-0.001	-0.0004	0.001	0.00069921
10	3.278	3.2964	3.312	0.0097775	3.278	3.2958	3.31	0.009331	-0.008	-0.0006	0.008	0.0039497
30	3.295	3.3031	3.312	0.0054457	3.291	3.302	3.309	0.0057542	-0.004	-0.0011	0.002	0.0018529
50	3.297	3.3045	3.319	0.0069642	3.292	3.3035	3.314	0.0076194	-0.005	-0.001	0.003	0.0034641
100	3.292	3.3027	3.309	0.0051435	3.288	3.2988	3.305	0.0062147	-0.009	-0.0039	-0.001	0.0023781



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	85.91	86.005	0.095
301	0	Correlation	86.241	86.302	0.061
302	0	Correlation	85.756	85.8	0.044
303	3	Bias	85.773	85.763	-0.01
304	3	Bias	85.791	85.76	-0.031
305	3	Bias	85.912	85.888	-0.024
306	3	Bias	85.87	85.839	-0.031
307	3	Bias	85.737	85.705	-0.032
308	3	Unbiased	85.9	85.875	-0.025
309	3	Unbiased	85.872	85.824	-0.048
310	3	Unbiased	85.806	85.749	-0.057
311	3	Unbiased	86.189	86.152	-0.037
312	3	Unbiased	86.179	86.141	-0.038
313	10	Bias	85.904	85.767	-0.137
314	10	Bias	85.817	85.684	-0.133
315	10	Bias	85.602	85.432	-0.17
316	10	Bias	86.161	86.017	-0.144
317	10	Bias	85.678	85.52	-0.158
318	10	Unbiased	85.864	85.752	-0.112
319	10	Unbiased	85.715	85.612	-0.103
320	10	Unbiased	85.754	85.66	-0.094
321	10	Unbiased	85.788	85.618	-0.17
322	10	Unbiased	85.817	85.695	-0.122
323	30	Bias	85.822	85.397	-0.425
324	30	Bias	85.954	85.554	-0.4
325	30	Bias	85.78	85.296	-0.484
326	30	Bias	86.075	85.649	-0.426
327	30	Bias	85.776	85.336	-0.44
328	30	Unbiased	85.91	85.541	-0.369
329	30	Unbiased	85.844	85.491	-0.353
330	30	Unbiased	86.068	85.66	-0.408
331	30	Unbiased	85.839	85.41	-0.429
332	30	Unbiased	85.768	85.33	-0.438
333	50	Bias	86.194	85.583	-0.611
334	50	Bias	85.77	85.074	-0.696
335	50	Bias	85.742	84.926	-0.816
336	50	Bias	85.854	85.045	-0.809
337	50	Bias	85.599	84.812	-0.787
338	50	Unbiased	86.131	85.546	-0.585
339	50	Unbiased	85.84	85.123	-0.717
340	50	Unbiased	85.862	85.07	-0.792
341	50	Unbiased	86.014	85.258	-0.756
342	50	Unbiased	85.918	85.16	-0.758
343	100	Bias	85.975	84.609	-1.366
344	100	Bias	85.88	84.492	-1.388
345	100	Bias	86.024	84.515	-1.509
346	100	Bias	85.554	83.937	-1.617
347	100	Bias	85.739	84.257	-1.482
348	100	Unbiased	85.932	84.588	-1.344
349	100	Unbiased	85.947	84.649	-1.298
350	100	Unbiased	85.89	84.394	-1.496
351	100	Unbiased	85.749	84.196	-1.553
352	100	Unbiased	86.1	84.691	-1.409

Test Statistics (%)

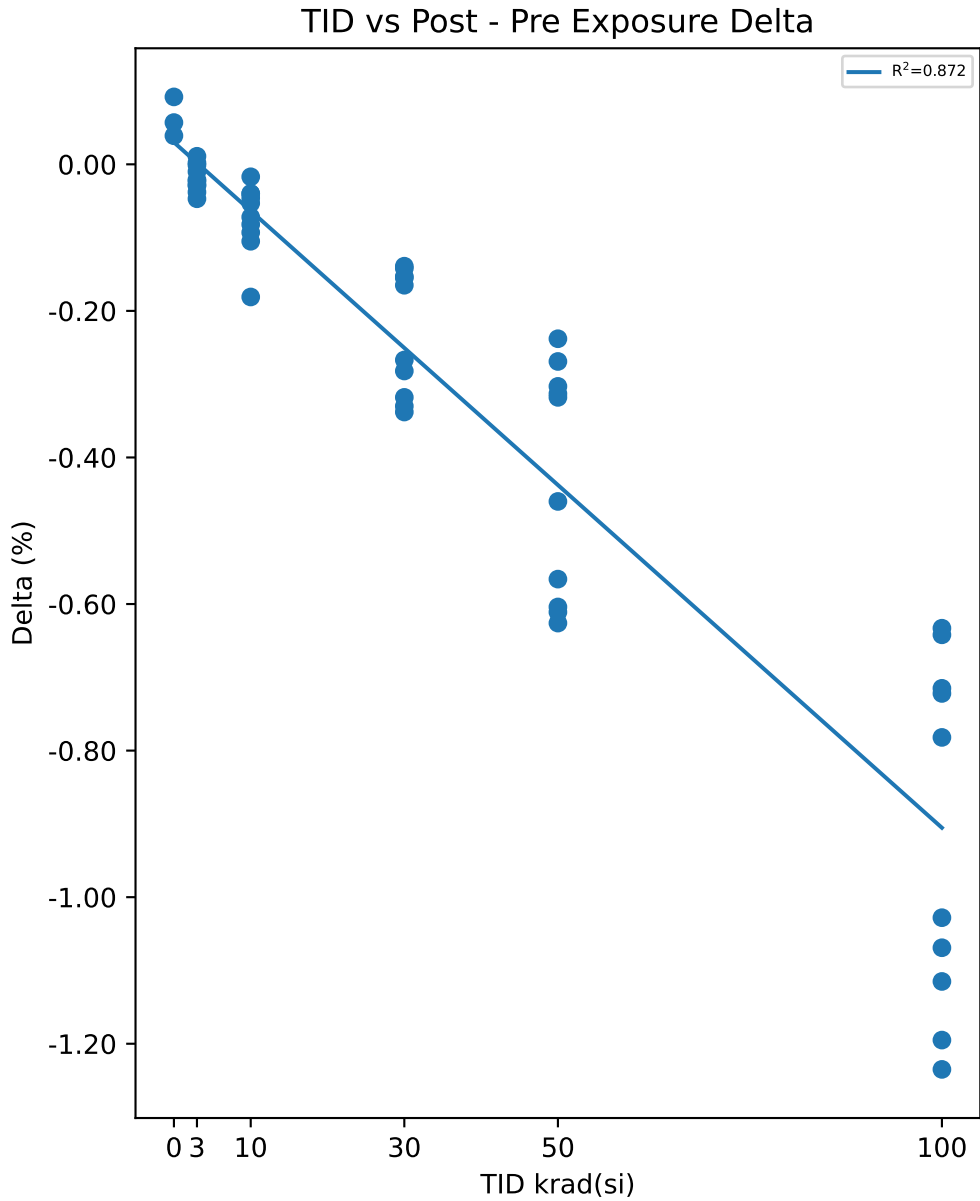
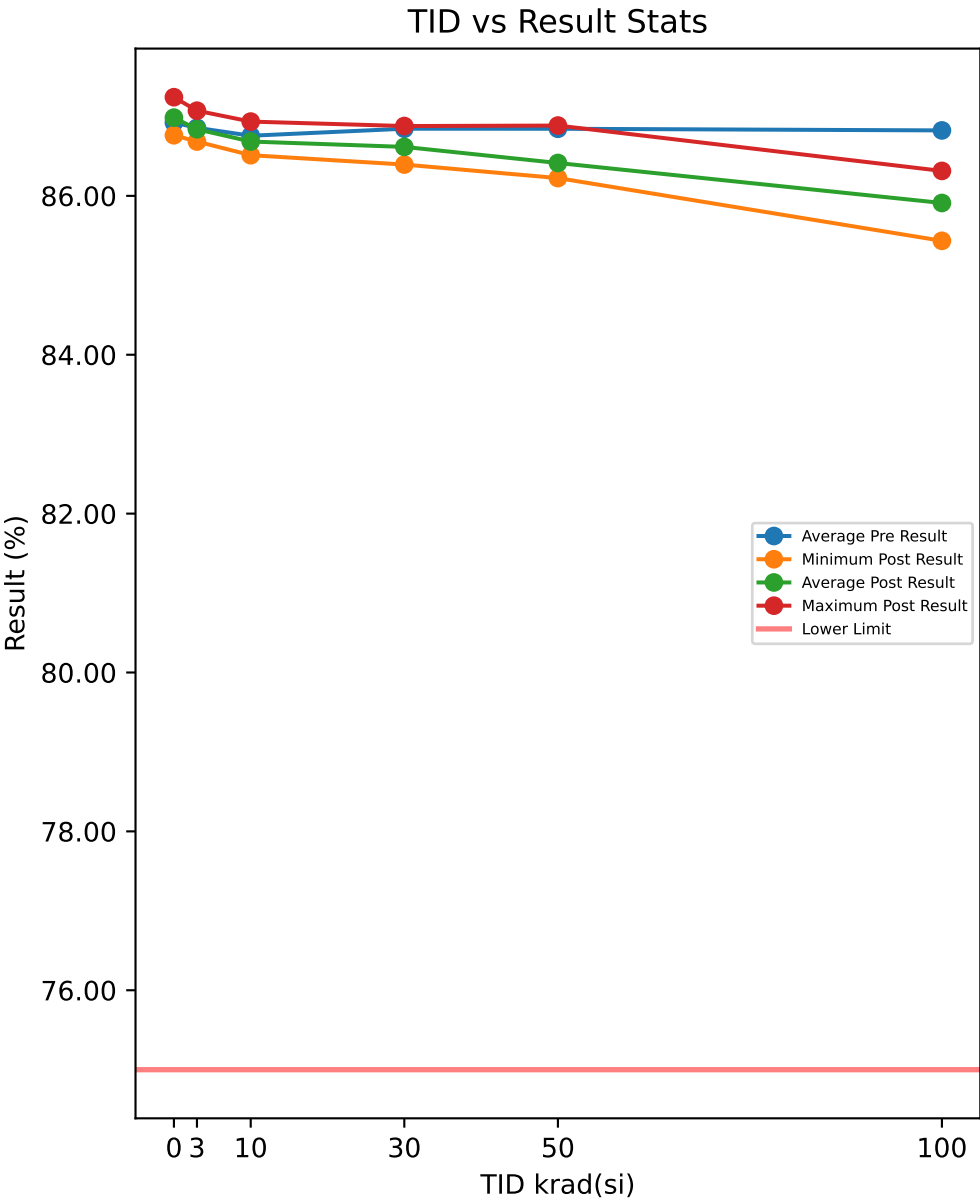
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	85.756	85.969	86.241	0.24782	85.8	86.036	86.302	0.2524	0.044	0.066667	0.095	0.025968
3	85.737	85.903	86.189	0.15865	85.705	85.87	86.152	0.15699	-0.057	-0.0333	-0.01	0.013013
10	85.602	85.81	86.161	0.15216	85.432	85.676	86.017	0.15718	-0.17	-0.1343	-0.094	0.026804
30	85.768	85.884	86.075	0.11514	85.296	85.466	85.66	0.13221	-0.484	-0.4172	-0.353	0.037294
50	85.599	85.892	86.194	0.18017	84.812	85.16	85.583	0.24574	-0.816	-0.7327	-0.585	0.080711
100	85.554	85.879	86.1	0.15943	83.937	84.433	84.691	0.23877	-1.617	-1.4462	-1.298	0.10105



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	86.881	86.969	0.088
301	0	Correlation	87.143	87.194	0.051
302	0	Correlation	86.717	86.75	0.033
303	3	Bias	86.843	86.839	-0.004
304	3	Bias	86.795	86.777	-0.018
305	3	Bias	86.92	86.905	-0.015
306	3	Bias	86.799	86.776	-0.023
307	3	Bias	86.775	86.755	-0.02
308	3	Unbiased	86.859	86.841	-0.018
309	3	Unbiased	86.842	86.803	-0.039
310	3	Unbiased	86.77	86.726	-0.044
311	3	Unbiased	87.069	87.043	-0.026
312	3	Unbiased	87.08	87.054	-0.026
313	10	Bias	86.845	86.749	-0.096
314	10	Bias	86.811	86.718	-0.093
315	10	Bias	86.582	86.47	-0.112
316	10	Bias	87.043	86.947	-0.096
317	10	Bias	86.619	86.515	-0.104
318	10	Unbiased	86.871	86.794	-0.077
319	10	Unbiased	86.668	86.599	-0.069
320	10	Unbiased	86.658	86.573	-0.085
321	10	Unbiased	86.659	86.561	-0.098
322	10	Unbiased	86.749	86.665	-0.084
323	30	Bias	86.858	86.561	-0.297
324	30	Bias	86.82	86.536	-0.284
325	30	Bias	86.716	86.379	-0.337
326	30	Bias	87.008	86.735	-0.273
327	30	Bias	86.744	86.438	-0.306
328	30	Unbiased	86.846	86.581	-0.265
329	30	Unbiased	86.801	86.551	-0.25
330	30	Unbiased	87.051	86.759	-0.292
331	30	Unbiased	86.769	86.46	-0.309
332	30	Unbiased	86.747	86.433	-0.314
333	50	Bias	87.059	86.611	-0.448
334	50	Bias	86.65	86.146	-0.504
335	50	Bias	86.697	86.119	-0.578
336	50	Bias	86.834	86.263	-0.571
337	50	Bias	86.563	85.998	-0.565
338	50	Unbiased	87.009	86.584	-0.425
339	50	Unbiased	86.838	86.31	-0.528
340	50	Unbiased	86.816	86.228	-0.588
341	50	Unbiased	86.936	86.374	-0.562
342	50	Unbiased	86.826	86.263	-0.563
343	100	Bias	86.93	85.91	-1.02
344	100	Bias	86.827	85.792	-1.035
345	100	Bias	86.969	85.844	-1.125
346	100	Bias	86.57	85.375	-1.195
347	100	Bias	86.748	85.646	-1.102
348	100	Unbiased	86.87	85.885	-0.985
349	100	Unbiased	86.827	85.878	-0.949
350	100	Unbiased	86.812	85.725	-1.087
351	100	Unbiased	86.646	85.509	-1.137
352	100	Unbiased	87.033	86.003	-1.03

Test Statistics (%)

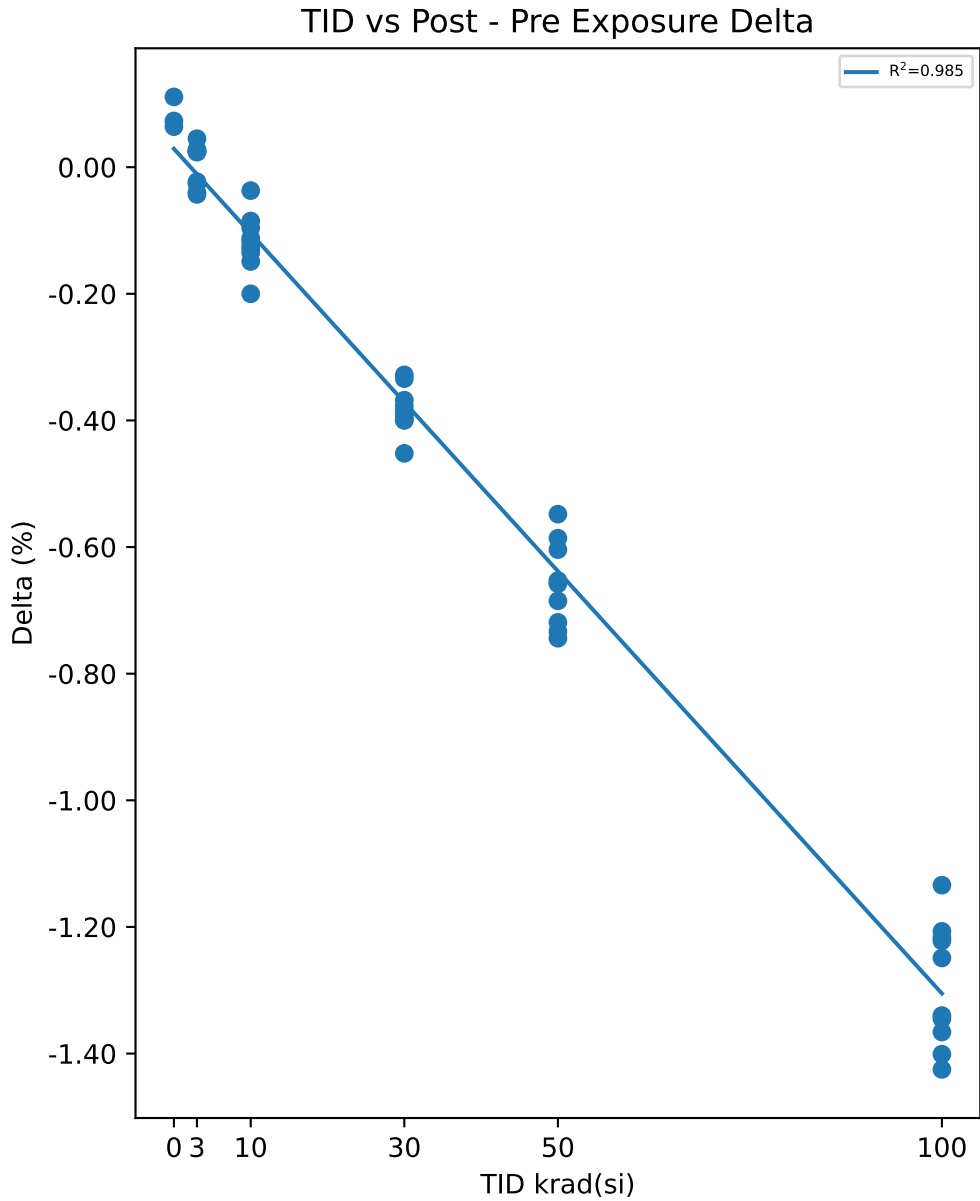
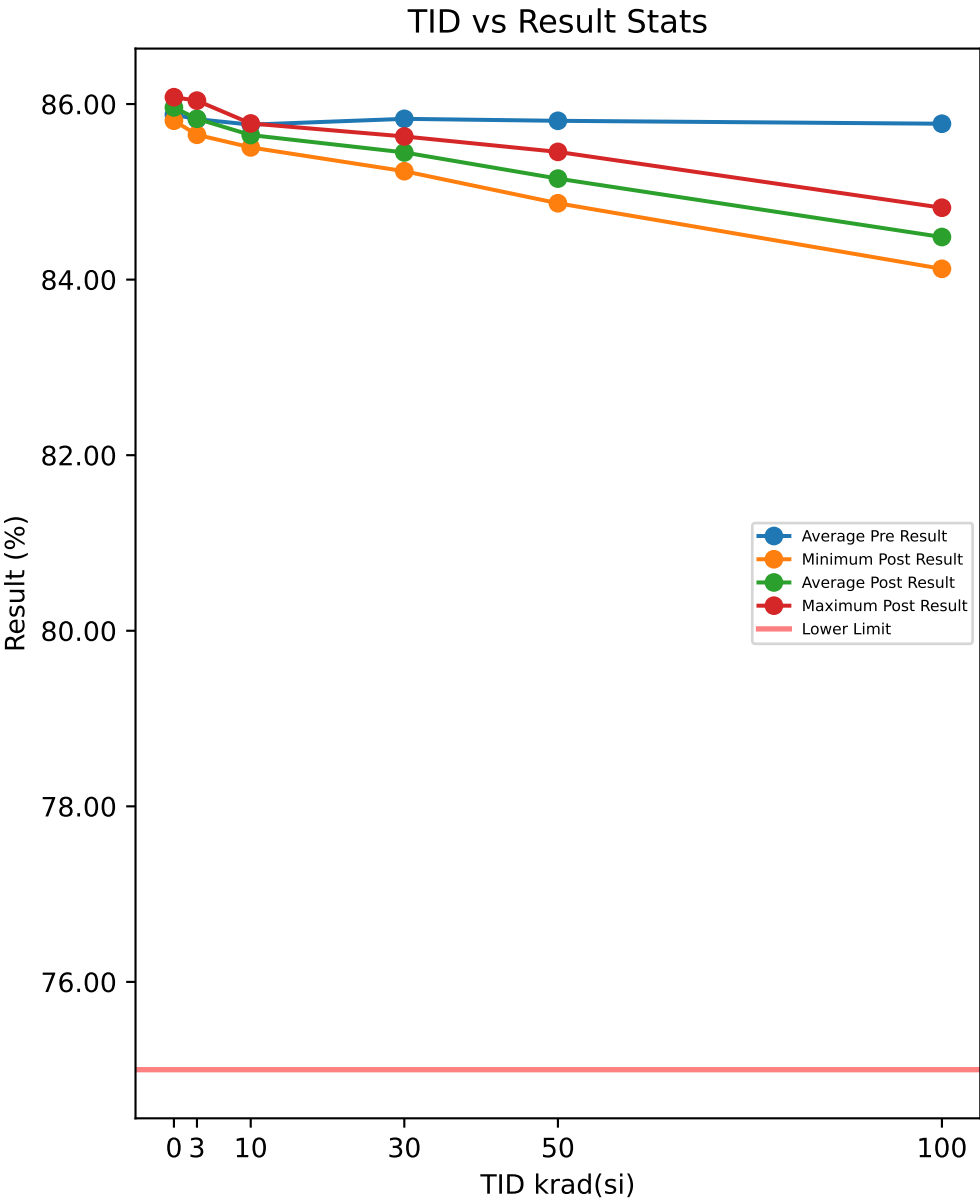
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.717	86.914	87.143	0.21487	86.75	86.971	87.194	0.22201	0.033	0.057333	0.088	0.028042
3	86.77	86.875	87.08	0.11414	86.726	86.852	87.054	0.11522	-0.044	-0.0233	-0.004	0.011538
10	86.582	86.751	87.043	0.14224	86.47	86.659	86.947	0.14524	-0.112	-0.0914	-0.069	0.012808
30	86.716	86.836	87.051	0.11212	86.379	86.543	86.759	0.12575	-0.337	-0.2927	-0.25	0.025673
50	86.563	86.823	87.059	0.15523	85.998	86.29	86.611	0.19364	-0.588	-0.5332	-0.425	0.056778
100	86.57	86.823	87.033	0.1415	85.375	85.757	86.003	0.19565	-1.195	-1.0665	-0.949	0.07566



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	86.857	86.949	0.092
301	0	Correlation	87.185	87.242	0.057
302	0	Correlation	86.724	86.763	0.039
303	3	Bias	86.775	86.786	0.011
304	3	Bias	86.788	86.787	-0.001
305	3	Bias	86.911	86.913	0.002
306	3	Bias	86.807	86.797	-0.01
307	3	Bias	86.705	86.684	-0.021
308	3	Unbiased	86.809	86.786	-0.023
309	3	Unbiased	86.842	86.804	-0.038
310	3	Unbiased	86.735	86.688	-0.047
311	3	Unbiased	87.101	87.072	-0.029
312	3	Unbiased	87.095	87.067	-0.028
313	10	Bias	86.903	86.863	-0.04
314	10	Bias	86.823	86.783	-0.04
315	10	Bias	86.586	86.533	-0.053
316	10	Bias	87.04	86.935	-0.105
317	10	Bias	86.611	86.565	-0.046
318	10	Unbiased	86.889	86.807	-0.082
319	10	Unbiased	86.663	86.591	-0.072
320	10	Unbiased	86.617	86.6	-0.017
321	10	Unbiased	86.693	86.512	-0.181
322	10	Unbiased	86.743	86.65	-0.093
323	30	Bias	86.835	86.682	-0.153
324	30	Bias	86.889	86.747	-0.142
325	30	Bias	86.706	86.541	-0.165
326	30	Bias	87.018	86.879	-0.139
327	30	Bias	86.759	86.604	-0.155
328	30	Unbiased	86.867	86.585	-0.282
329	30	Unbiased	86.797	86.53	-0.267
330	30	Unbiased	87.085	86.767	-0.318
331	30	Unbiased	86.765	86.435	-0.33
332	30	Unbiased	86.732	86.394	-0.338
333	50	Bias	87.123	86.885	-0.238
334	50	Bias	86.638	86.369	-0.269
335	50	Bias	86.728	86.41	-0.318
336	50	Bias	86.854	86.541	-0.313
337	50	Bias	86.596	86.293	-0.303
338	50	Unbiased	87.041	86.581	-0.46
339	50	Unbiased	86.833	86.267	-0.566
340	50	Unbiased	86.85	86.224	-0.626
341	50	Unbiased	86.926	86.315	-0.611
342	50	Unbiased	86.858	86.254	-0.604
343	100	Bias	86.947	86.314	-0.633
344	100	Bias	86.825	86.183	-0.642
345	100	Bias	86.985	86.27	-0.715
346	100	Bias	86.544	85.762	-0.782
347	100	Bias	86.737	86.015	-0.722
348	100	Unbiased	86.867	85.798	-1.069
349	100	Unbiased	86.81	85.782	-1.028
350	100	Unbiased	86.813	85.618	-1.195
351	100	Unbiased	86.669	85.434	-1.235
352	100	Unbiased	87.043	85.928	-1.115

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.724	86.922	87.185	0.23727	86.763	86.985	87.242	0.24148	0.039	0.062667	0.092	0.026951
3	86.705	86.857	87.101	0.13888	86.684	86.838	87.072	0.13739	-0.047	-0.0184	0.011	0.018524
10	86.586	86.757	87.04	0.15146	86.512	86.684	86.935	0.15033	-0.181	-0.0729	-0.017	0.046682
30	86.706	86.845	87.085	0.12393	86.394	86.616	86.879	0.15263	-0.338	-0.2289	-0.139	0.085162
50	86.596	86.845	87.123	0.16371	86.224	86.414	86.885	0.2043	-0.626	-0.4308	-0.238	0.15846
100	86.544	86.824	87.043	0.14951	85.434	85.91	86.314	0.28701	-1.235	-0.9136	-0.633	0.23717

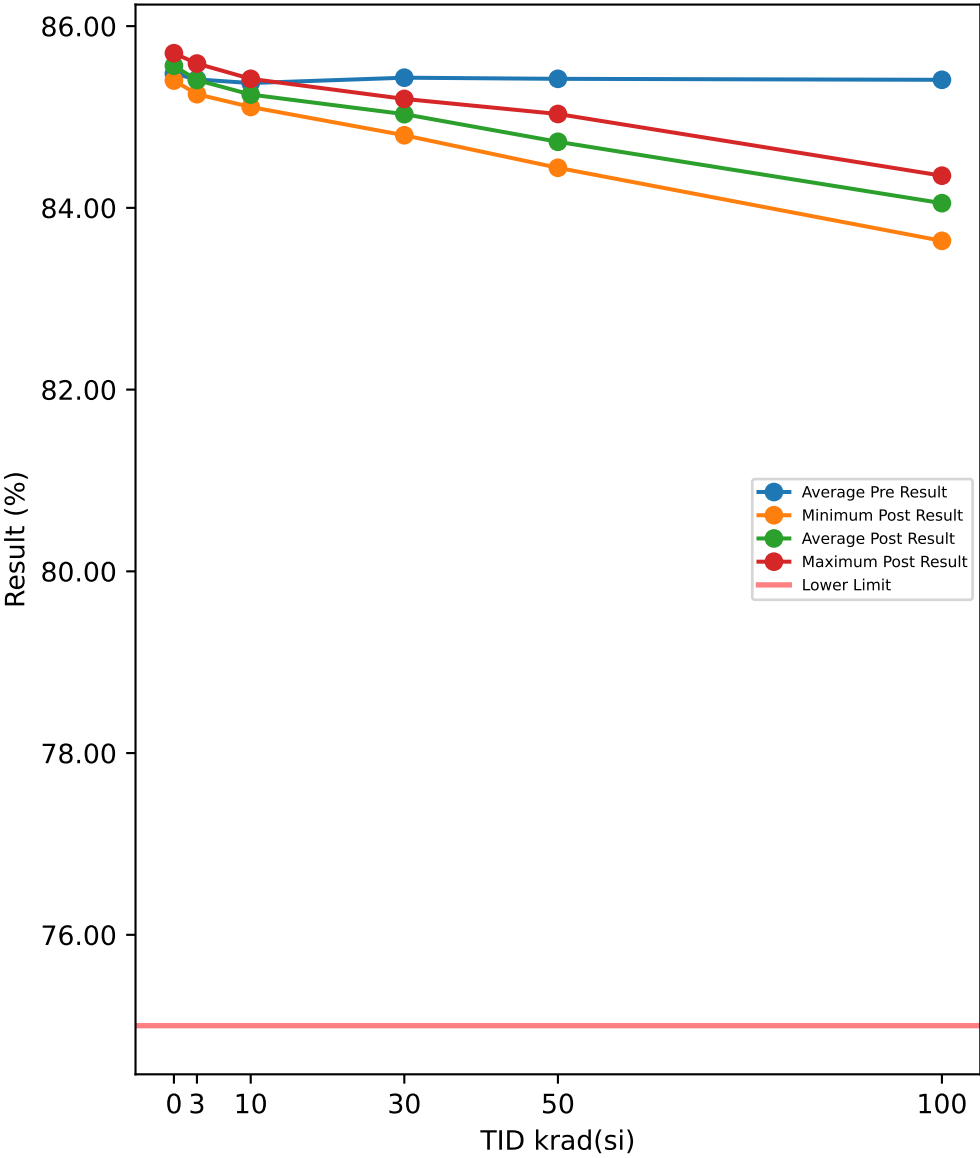


Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	85.885	85.996	0.111
301	0	Correlation	86.005	86.078	0.073
302	0	Correlation	85.746	85.81	0.064
303	3	Bias	85.717	85.762	0.045
304	3	Bias	85.729	85.753	0.024
305	3	Bias	85.923	85.951	0.028
306	3	Bias	85.784	85.808	0.024
307	3	Bias	85.625	85.65	0.025
308	3	Unbiased	85.851	85.877	0.026
309	3	Unbiased	85.815	85.775	-0.04
310	3	Unbiased	85.759	85.716	-0.043
311	3	Unbiased	86.065	86.039	-0.026
312	3	Unbiased	86.011	85.988	-0.023
313	10	Bias	85.896	85.779	-0.117
314	10	Bias	85.856	85.732	-0.124
315	10	Bias	85.712	85.563	-0.149
316	10	Bias	85.904	85.775	-0.129
317	10	Bias	85.76	85.625	-0.135
318	10	Unbiased	85.793	85.697	-0.096
319	10	Unbiased	85.707	85.622	-0.085
320	10	Unbiased	85.623	85.586	-0.037
321	10	Unbiased	85.706	85.506	-0.2
322	10	Unbiased	85.696	85.584	-0.112
323	30	Bias	85.821	85.436	-0.385
324	30	Bias	85.906	85.538	-0.368
325	30	Bias	85.687	85.235	-0.452
326	30	Bias	85.938	85.545	-0.393
327	30	Bias	85.843	85.454	-0.389
328	30	Unbiased	85.899	85.565	-0.334
329	30	Unbiased	85.762	85.434	-0.328
330	30	Unbiased	86.008	85.631	-0.377
331	30	Unbiased	85.763	85.364	-0.399
332	30	Unbiased	85.687	85.287	-0.4
333	50	Bias	86.041	85.455	-0.586
334	50	Bias	85.598	84.945	-0.653
335	50	Bias	85.738	84.994	-0.744
336	50	Bias	85.819	85.086	-0.733
337	50	Bias	85.589	84.87	-0.719
338	50	Unbiased	85.958	85.41	-0.548
339	50	Unbiased	85.856	85.252	-0.604
340	50	Unbiased	85.733	85.048	-0.685
341	50	Unbiased	85.923	85.265	-0.658
342	50	Unbiased	85.836	85.181	-0.655
343	100	Bias	85.857	84.64	-1.217
344	100	Bias	85.799	84.577	-1.222
345	100	Bias	85.852	84.486	-1.366
346	100	Bias	85.548	84.123	-1.425
347	100	Bias	85.708	84.368	-1.34
348	100	Unbiased	85.769	84.562	-1.207
349	100	Unbiased	85.82	84.686	-1.134
350	100	Unbiased	85.759	84.414	-1.345
351	100	Unbiased	85.578	84.177	-1.401
352	100	Unbiased	86.068	84.819	-1.249

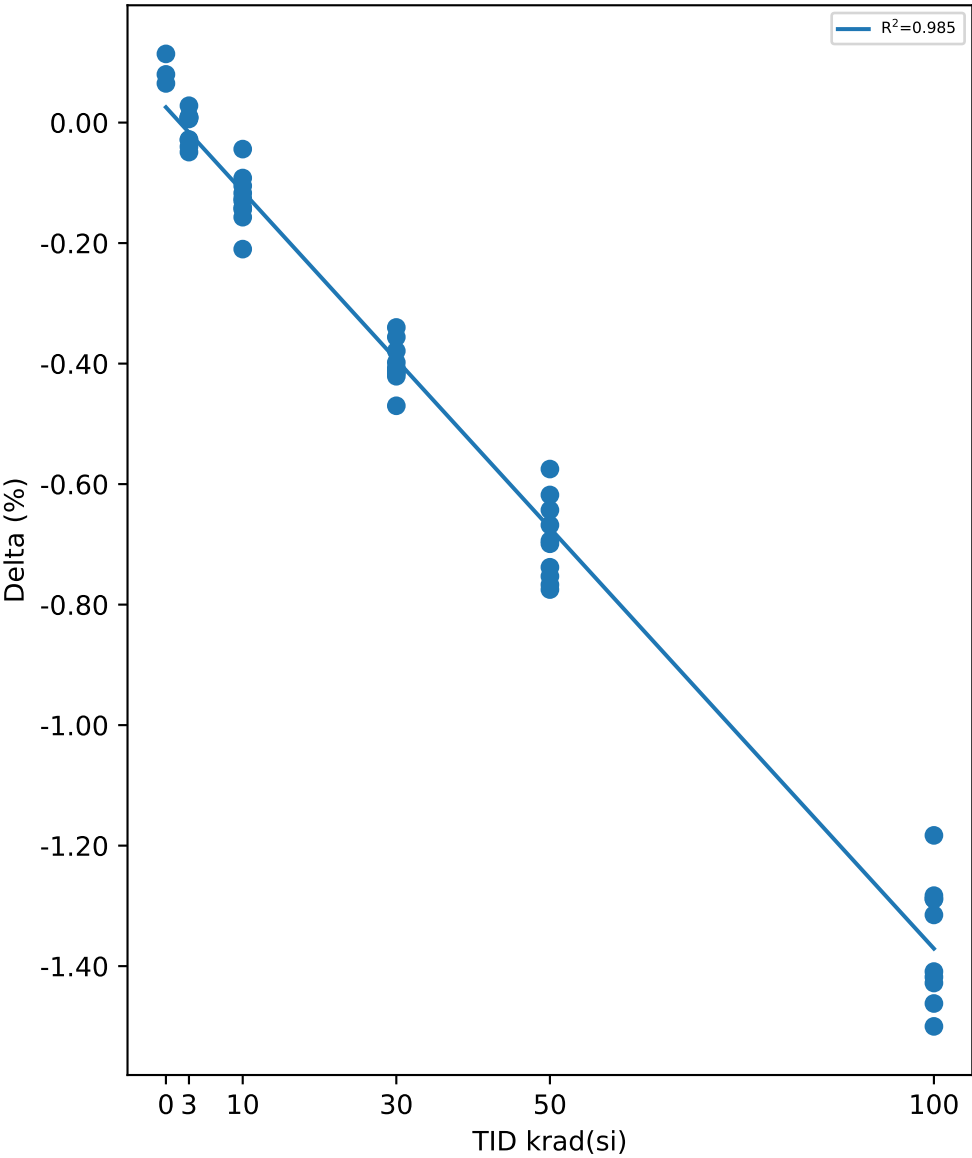
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	85.746	85.879	86.005	0.12962	85.81	85.961	86.078	0.13732	0.064	0.082667	0.111	0.024947
3	85.625	85.828	86.065	0.1372	85.65	85.832	86.039	0.12689	-0.043	0.004	0.045	0.032924
10	85.623	85.765	85.904	0.094369	85.506	85.647	85.779	0.093849	-0.2	-0.1184	-0.037	0.042558
30	85.687	85.831	86.008	0.10756	85.235	85.449	85.631	0.12623	-0.452	-0.3825	-0.328	0.035167
50	85.589	85.809	86.041	0.1475	84.87	85.151	85.455	0.19564	-0.744	-0.6585	-0.548	0.064724
100	85.548	85.776	86.068	0.14765	84.123	84.485	84.819	0.21985	-1.425	-1.2906	-1.134	0.097012

TID vs Result Stats



TID vs Post - Pre Exposure Delta

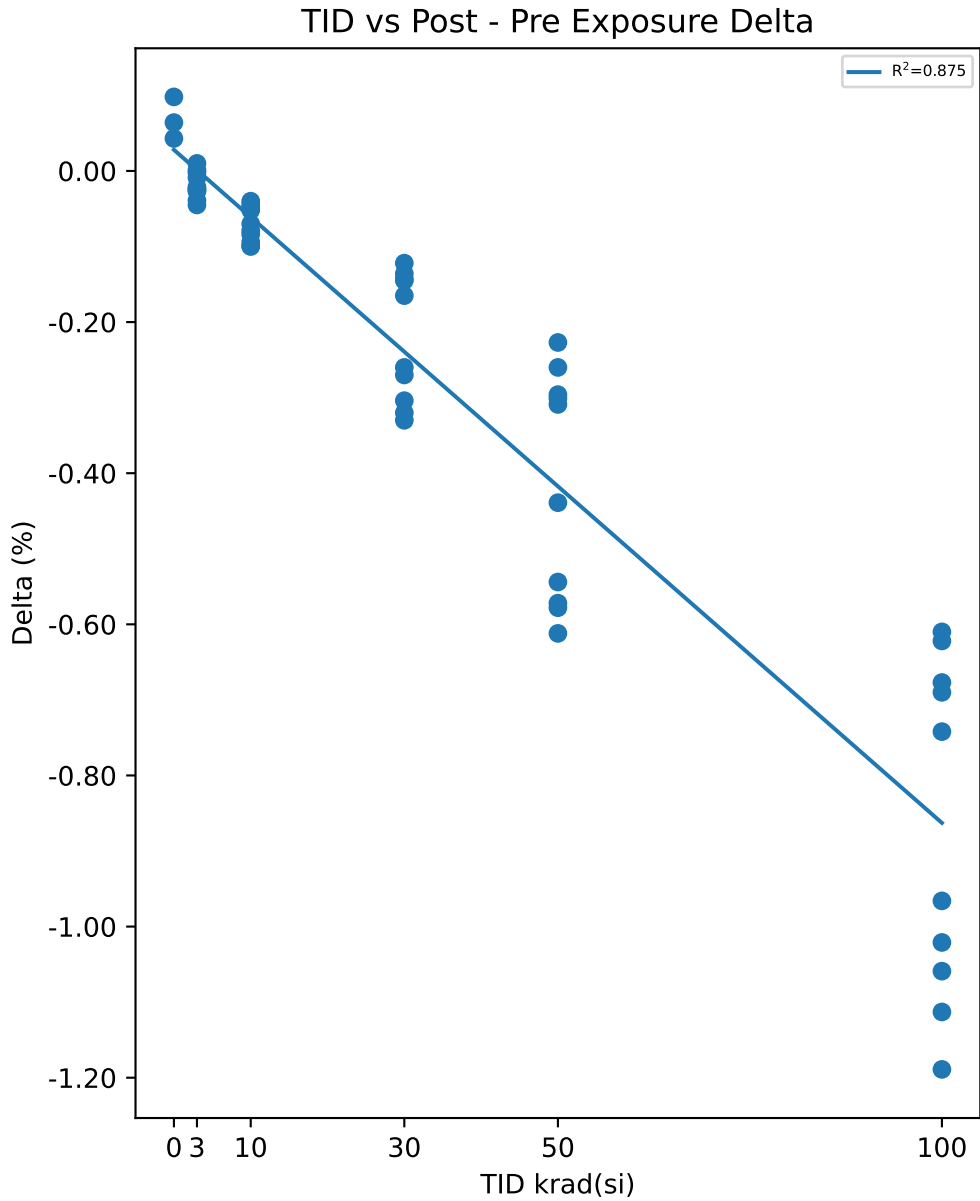
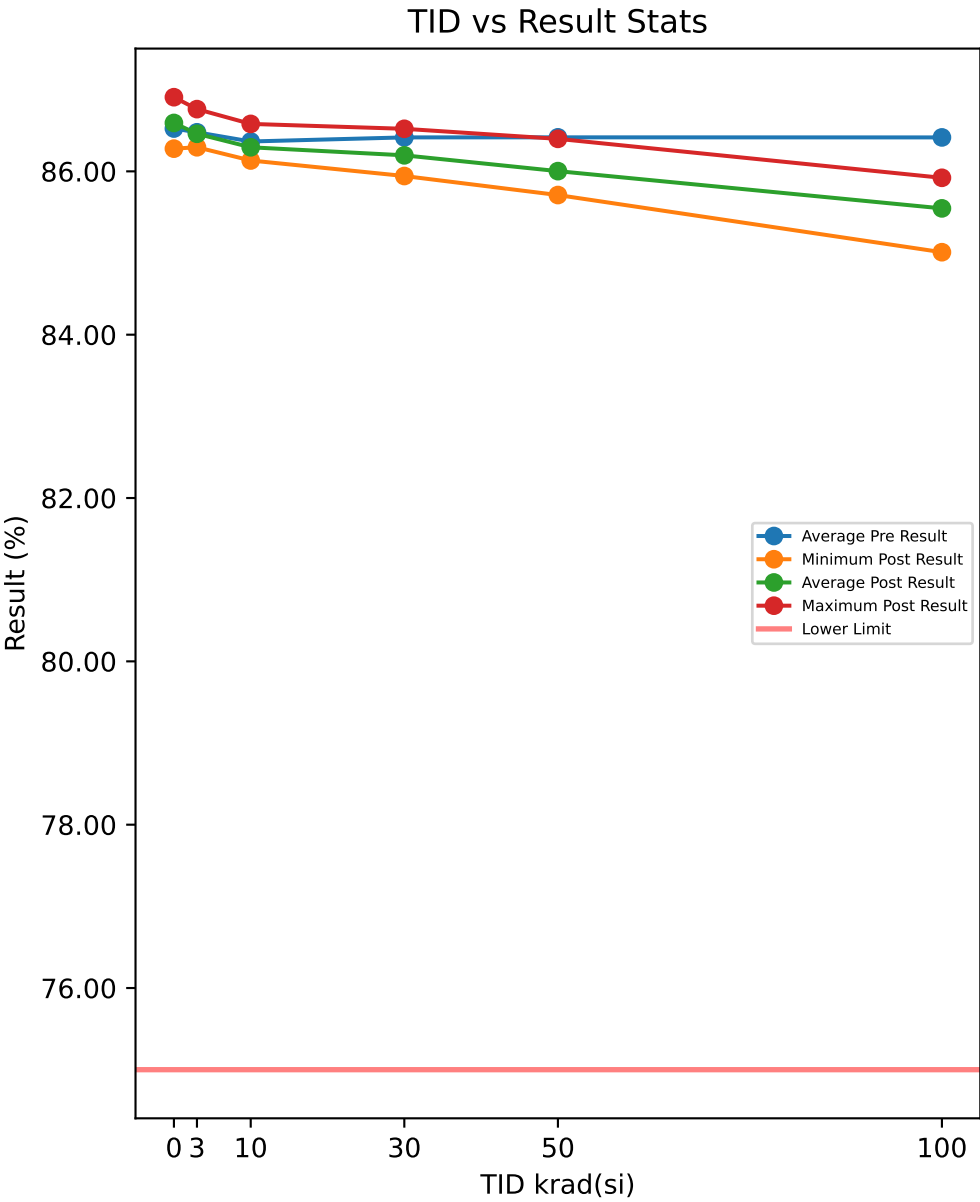


Test Results (Lower Limit = 75.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	85.474	85.588	0.114
301	0	Correlation	85.622	85.702	0.08
302	0	Correlation	85.336	85.401	0.065
303	3	Bias	85.27	85.298	0.028
304	3	Bias	85.306	85.314	0.008
305	3	Bias	85.494	85.504	0.01
306	3	Bias	85.444	85.452	0.008
307	3	Bias	85.245	85.251	0.006
308	3	Unbiased	85.408	85.417	0.009
309	3	Unbiased	85.391	85.351	-0.04
310	3	Unbiased	85.364	85.315	-0.049
311	3	Unbiased	85.617	85.588	-0.029
312	3	Unbiased	85.599	85.571	-0.028
313	10	Bias	85.48	85.354	-0.126
314	10	Bias	85.446	85.316	-0.13
315	10	Bias	85.267	85.11	-0.157
316	10	Bias	85.561	85.42	-0.141
317	10	Bias	85.337	85.193	-0.144
318	10	Unbiased	85.374	85.269	-0.105
319	10	Unbiased	85.341	85.249	-0.092
320	10	Unbiased	85.278	85.234	-0.044
321	10	Unbiased	85.361	85.151	-0.21
322	10	Unbiased	85.289	85.172	-0.117
323	30	Bias	85.397	84.99	-0.407
324	30	Bias	85.534	85.155	-0.379
325	30	Bias	85.269	84.799	-0.47
326	30	Bias	85.561	85.148	-0.413
327	30	Bias	85.428	85.016	-0.412
328	30	Unbiased	85.446	85.09	-0.356
329	30	Unbiased	85.422	85.082	-0.34
330	30	Unbiased	85.597	85.199	-0.398
331	30	Unbiased	85.378	84.962	-0.416
332	30	Unbiased	85.292	84.871	-0.421
333	50	Bias	85.651	85.033	-0.618
334	50	Bias	85.272	84.604	-0.668
335	50	Bias	85.309	84.534	-0.775
336	50	Bias	85.418	84.651	-0.767
337	50	Bias	85.194	84.441	-0.753
338	50	Unbiased	85.587	85.012	-0.575
339	50	Unbiased	85.485	84.842	-0.643
340	50	Unbiased	85.352	84.614	-0.738
341	50	Unbiased	85.524	84.83	-0.694
342	50	Unbiased	85.408	84.709	-0.699
343	100	Bias	85.484	84.201	-1.283
344	100	Bias	85.436	84.148	-1.288
345	100	Bias	85.499	84.071	-1.428
346	100	Bias	85.137	83.637	-1.5
347	100	Bias	85.375	83.966	-1.409
348	100	Unbiased	85.338	84.049	-1.289
349	100	Unbiased	85.501	84.318	-1.183
350	100	Unbiased	85.395	83.977	-1.418
351	100	Unbiased	85.258	83.796	-1.462
352	100	Unbiased	85.669	84.354	-1.315

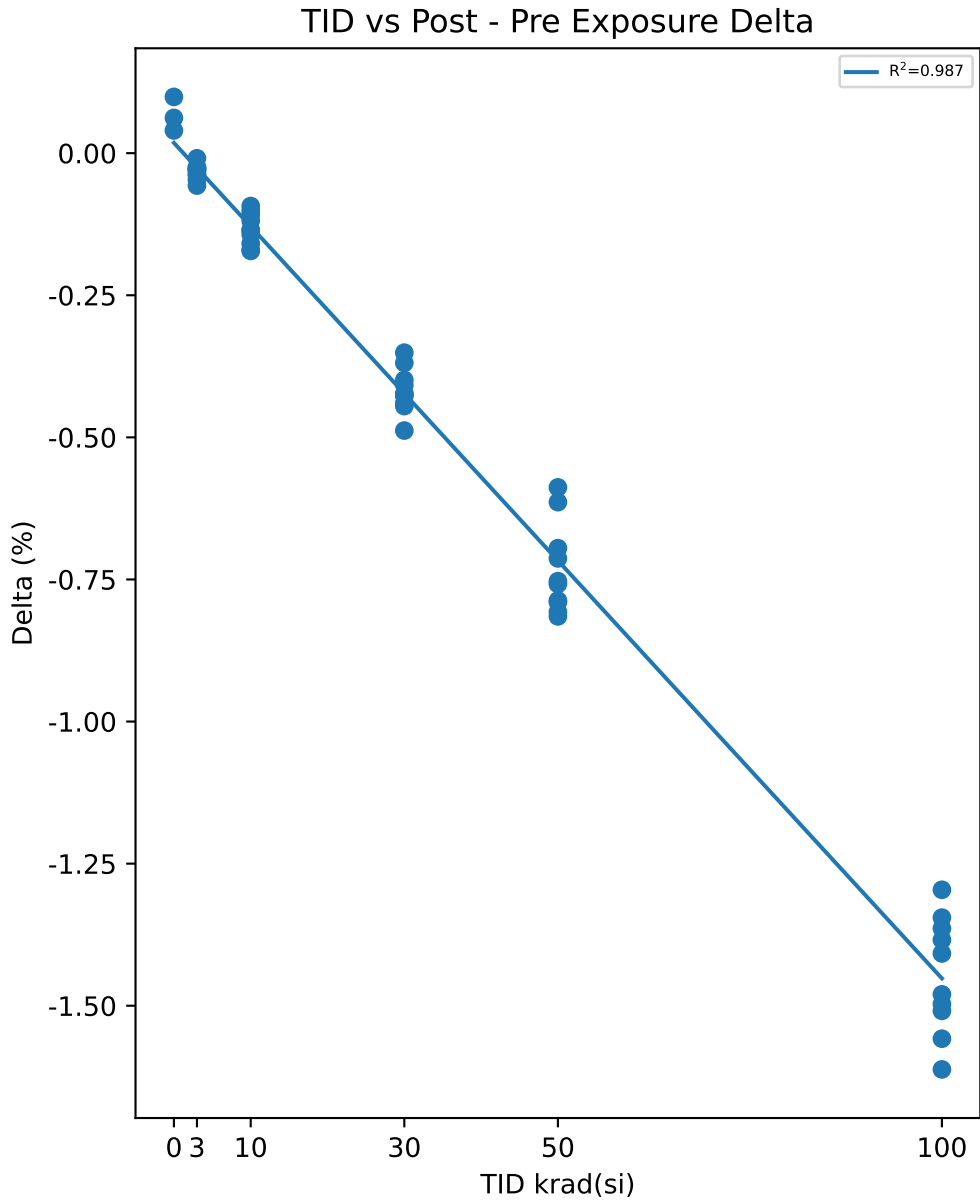
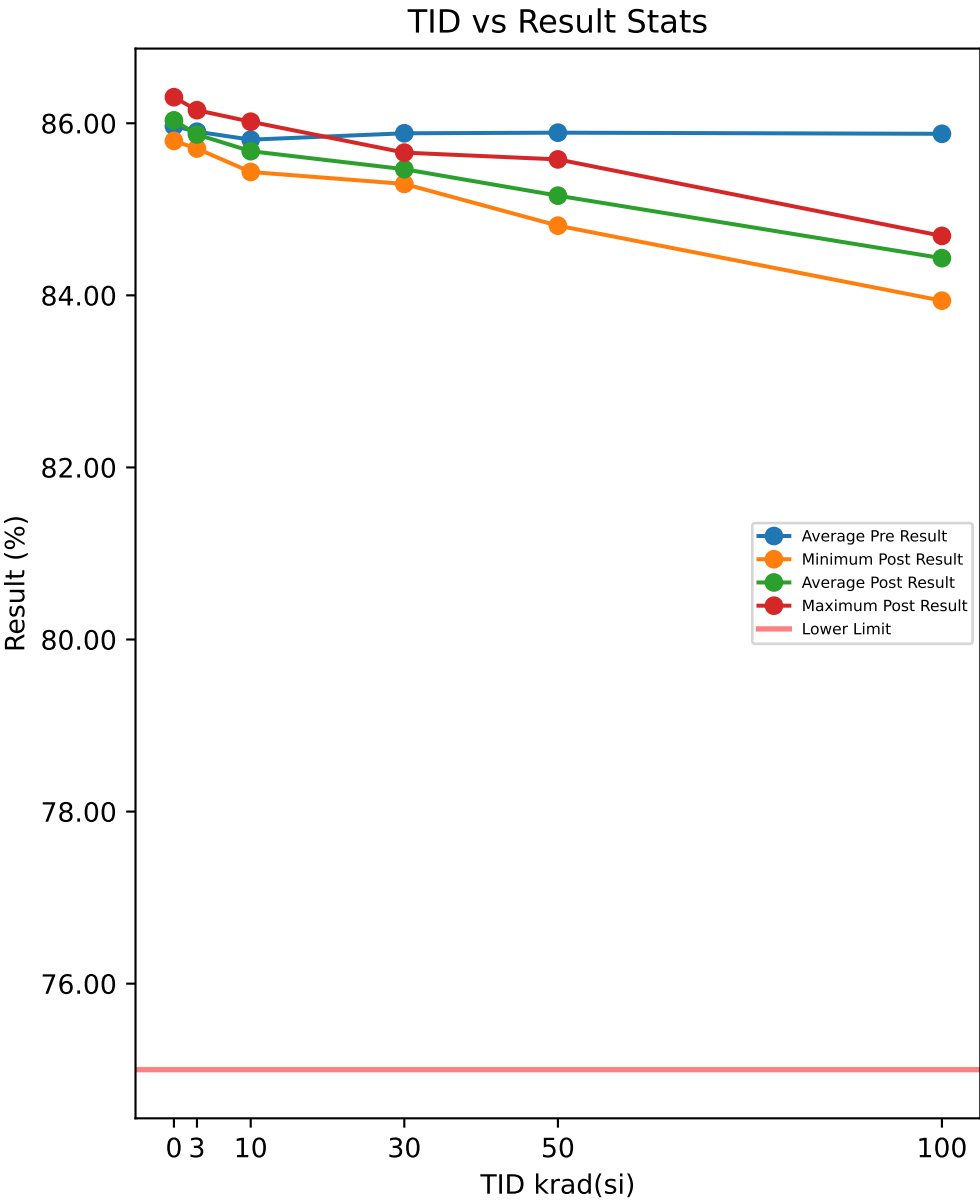
Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	85.336	85.477	85.622	0.14303	85.401	85.564	85.702	0.15197	0.065	0.086333	0.114	0.025106
3	85.245	85.414	85.617	0.1277	85.251	85.406	85.588	0.11909	-0.049	-0.0077	0.028	0.026166
10	85.267	85.373	85.561	0.095395	85.11	85.247	85.42	0.096218	-0.21	-0.1266	-0.044	0.043436
30	85.269	85.432	85.597	0.10796	84.799	85.031	85.199	0.12887	-0.47	-0.4012	-0.34	0.036401
50	85.194	85.42	85.651	0.1439	84.441	84.727	85.033	0.19769	-0.775	-0.693	-0.575	0.067112
100	85.137	85.409	85.669	0.1467	83.637	84.052	84.354	0.22224	-1.5	-1.3575	-1.183	0.09991



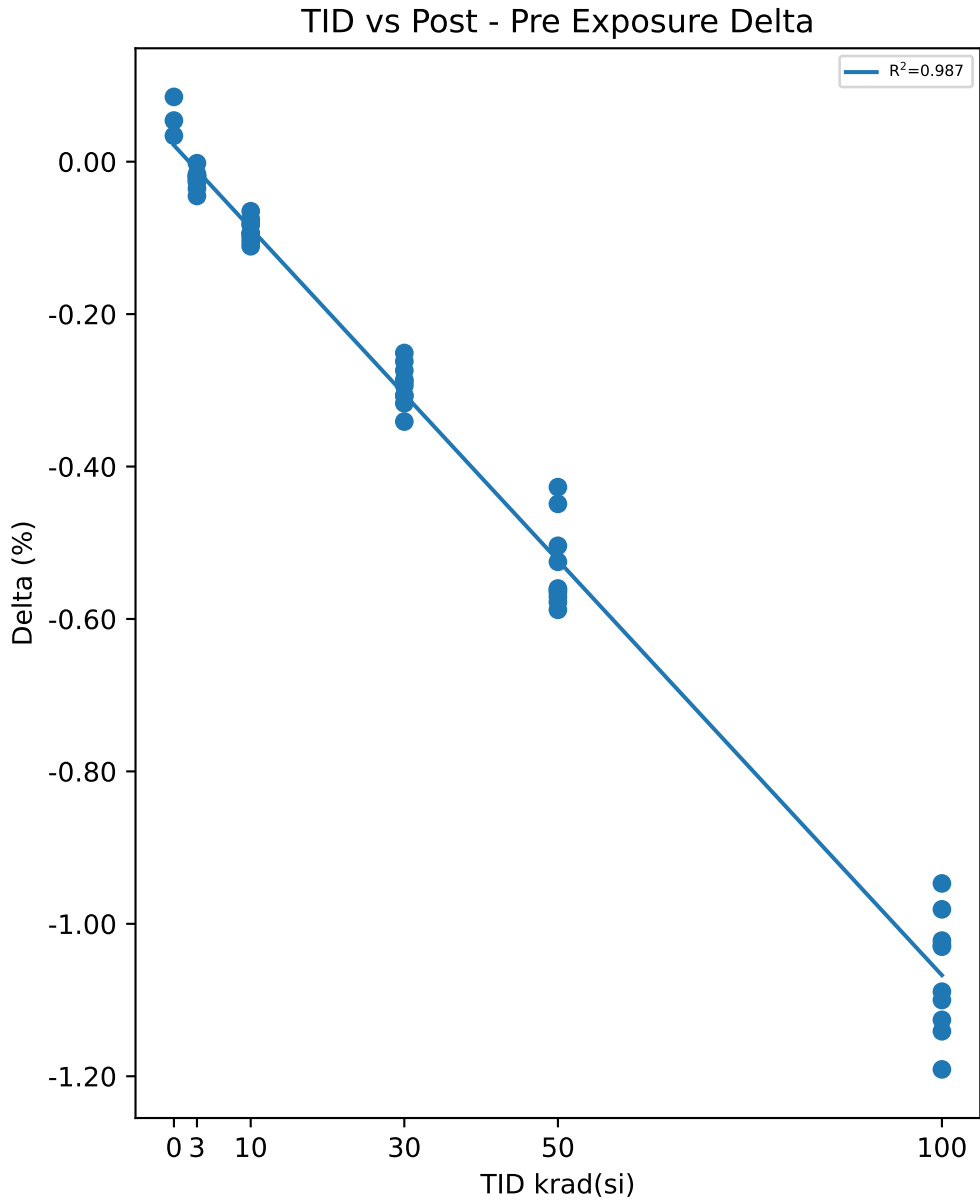
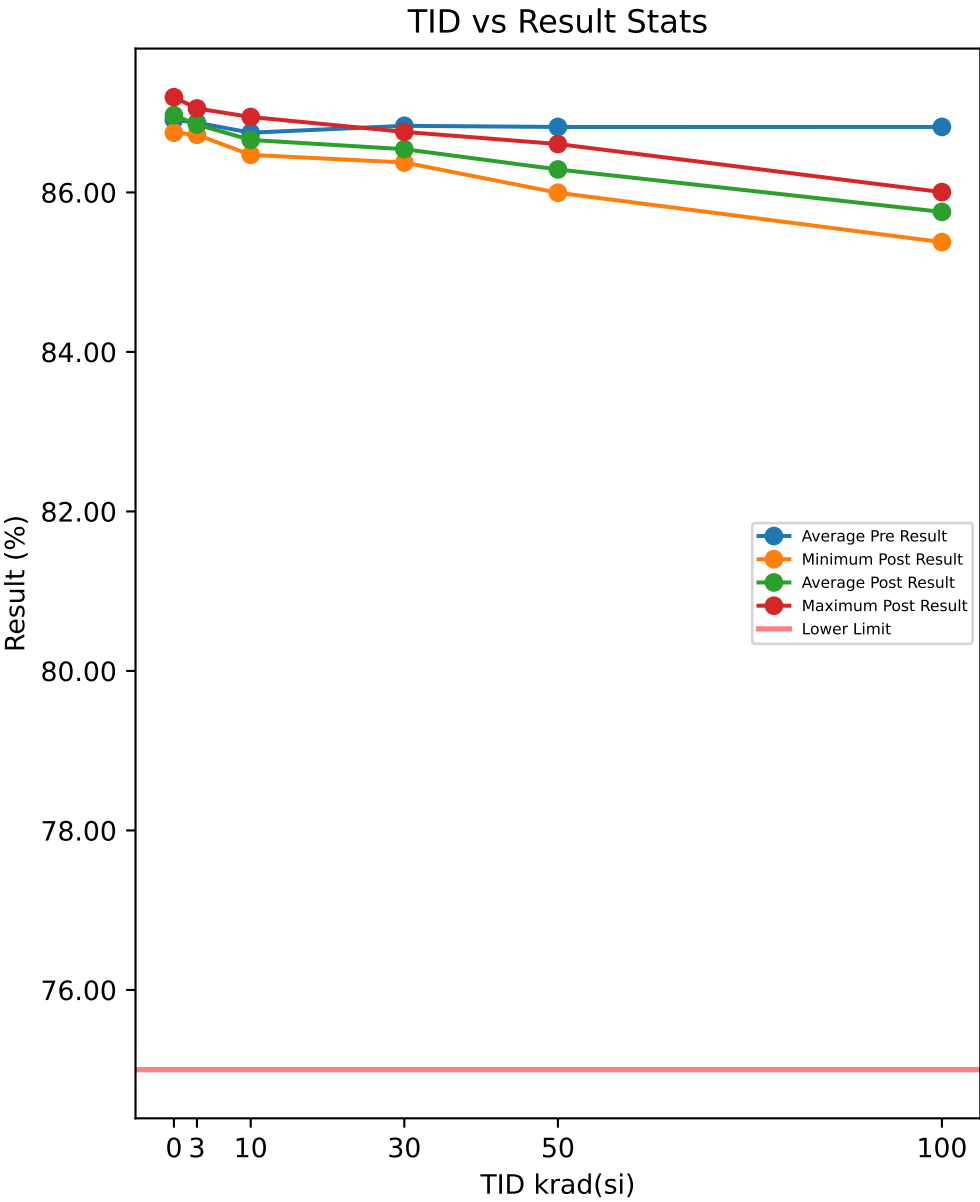
Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	86.494	86.592	0.098
301	0	Correlation	86.844	86.908	0.064
302	0	Correlation	86.235	86.278	0.043
303	3	Bias	86.412	86.422	0.01
304	3	Bias	86.363	86.361	-0.002
305	3	Bias	86.428	86.429	0.001
306	3	Bias	86.423	86.414	-0.009
307	3	Bias	86.316	86.295	-0.021
308	3	Unbiased	86.473	86.449	-0.024
309	3	Unbiased	86.449	86.41	-0.039
310	3	Unbiased	86.373	86.328	-0.045
311	3	Unbiased	86.789	86.762	-0.027
312	3	Unbiased	86.757	86.732	-0.025
313	10	Bias	86.42	86.376	-0.044
314	10	Bias	86.36	86.32	-0.04
315	10	Bias	86.207	86.155	-0.052
316	10	Bias	86.681	86.581	-0.1
317	10	Bias	86.181	86.133	-0.048
318	10	Unbiased	86.346	86.267	-0.079
319	10	Unbiased	86.395	86.325	-0.07
320	10	Unbiased	86.287	86.188	-0.099
321	10	Unbiased	86.281	86.187	-0.094
322	10	Unbiased	86.499	86.415	-0.084
323	30	Bias	86.326	86.181	-0.145
324	30	Bias	86.464	86.328	-0.136
325	30	Bias	86.244	86.079	-0.165
326	30	Bias	86.643	86.521	-0.122
327	30	Bias	86.441	86.298	-0.143
328	30	Unbiased	86.435	86.165	-0.27
329	30	Unbiased	86.419	86.159	-0.26
330	30	Unbiased	86.563	86.259	-0.304
331	30	Unbiased	86.35	86.03	-0.32
332	30	Unbiased	86.273	85.943	-0.33
333	50	Bias	86.625	86.398	-0.227
334	50	Bias	86.197	85.937	-0.26
335	50	Bias	86.339	86.038	-0.301
336	50	Bias	86.391	86.082	-0.309
337	50	Bias	86.113	85.817	-0.296
338	50	Unbiased	86.6	86.161	-0.439
339	50	Unbiased	86.442	85.898	-0.544
340	50	Unbiased	86.322	85.71	-0.612
341	50	Unbiased	86.618	86.046	-0.572
342	50	Unbiased	86.518	85.94	-0.578
343	100	Bias	86.477	85.867	-0.61
344	100	Bias	86.35	85.728	-0.622
345	100	Bias	86.598	85.921	-0.677
346	100	Bias	86.188	85.446	-0.742
347	100	Bias	86.308	85.618	-0.69
348	100	Unbiased	86.441	85.42	-1.021
349	100	Unbiased	86.504	85.538	-0.966
350	100	Unbiased	86.474	85.361	-1.113
351	100	Unbiased	86.199	85.01	-1.189
352	100	Unbiased	86.617	85.558	-1.059

Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.235	86.524	86.844	0.30563	86.278	86.593	86.908	0.315	0.043	0.068333	0.098	0.027755
3	86.316	86.478	86.789	0.16186	86.295	86.46	86.762	0.15874	-0.045	-0.0181	0.01	0.017723
10	86.181	86.366	86.681	0.14685	86.133	86.295	86.581	0.13905	-0.1	-0.071	-0.04	0.023495
30	86.244	86.416	86.643	0.12424	85.943	86.196	86.521	0.16507	-0.33	-0.2195	-0.122	0.084651
50	86.113	86.416	86.625	0.17782	85.71	86.003	86.398	0.19151	-0.612	-0.4138	-0.227	0.15092
100	86.188	86.416	86.617	0.15058	85.01	85.547	85.921	0.26449	-1.189	-0.8689	-0.61	0.22203



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	85.905	86.004	0.099
301	0	Correlation	86.241	86.303	0.062
302	0	Correlation	85.755	85.795	0.04
303	3	Bias	85.773	85.764	-0.009
304	3	Bias	85.788	85.759	-0.029
305	3	Bias	85.913	85.888	-0.025
306	3	Bias	85.868	85.839	-0.029
307	3	Bias	85.736	85.706	-0.03
308	3	Unbiased	85.901	85.876	-0.025
309	3	Unbiased	85.87	85.823	-0.047
310	3	Unbiased	85.805	85.748	-0.057
311	3	Unbiased	86.191	86.152	-0.039
312	3	Unbiased	86.176	86.14	-0.036
313	10	Bias	85.903	85.767	-0.136
314	10	Bias	85.817	85.682	-0.135
315	10	Bias	85.604	85.434	-0.17
316	10	Bias	86.161	86.018	-0.143
317	10	Bias	85.678	85.519	-0.159
318	10	Unbiased	85.862	85.753	-0.109
319	10	Unbiased	85.713	85.612	-0.101
320	10	Unbiased	85.753	85.66	-0.093
321	10	Unbiased	85.788	85.616	-0.172
322	10	Unbiased	85.815	85.696	-0.119
323	30	Bias	85.817	85.394	-0.423
324	30	Bias	85.956	85.557	-0.399
325	30	Bias	85.783	85.295	-0.488
326	30	Bias	86.074	85.649	-0.425
327	30	Bias	85.777	85.332	-0.445
328	30	Unbiased	85.91	85.541	-0.369
329	30	Unbiased	85.844	85.493	-0.351
330	30	Unbiased	86.067	85.659	-0.408
331	30	Unbiased	85.84	85.413	-0.427
332	30	Unbiased	85.768	85.328	-0.44
333	50	Bias	86.194	85.58	-0.614
334	50	Bias	85.766	85.071	-0.695
335	50	Bias	85.741	84.926	-0.815
336	50	Bias	85.853	85.046	-0.807
337	50	Bias	85.597	84.81	-0.787
338	50	Unbiased	86.132	85.544	-0.588
339	50	Unbiased	85.836	85.123	-0.713
340	50	Unbiased	85.859	85.069	-0.79
341	50	Unbiased	86.012	85.259	-0.753
342	50	Unbiased	85.917	85.159	-0.758
343	100	Bias	85.976	84.612	-1.364
344	100	Bias	85.876	84.492	-1.384
345	100	Bias	86.024	84.515	-1.509
346	100	Bias	85.55	83.938	-1.612
347	100	Bias	85.737	84.257	-1.48
348	100	Unbiased	85.931	84.586	-1.345
349	100	Unbiased	85.945	84.649	-1.296
350	100	Unbiased	85.889	84.392	-1.497
351	100	Unbiased	85.748	84.19	-1.558
352	100	Unbiased	86.099	84.691	-1.408

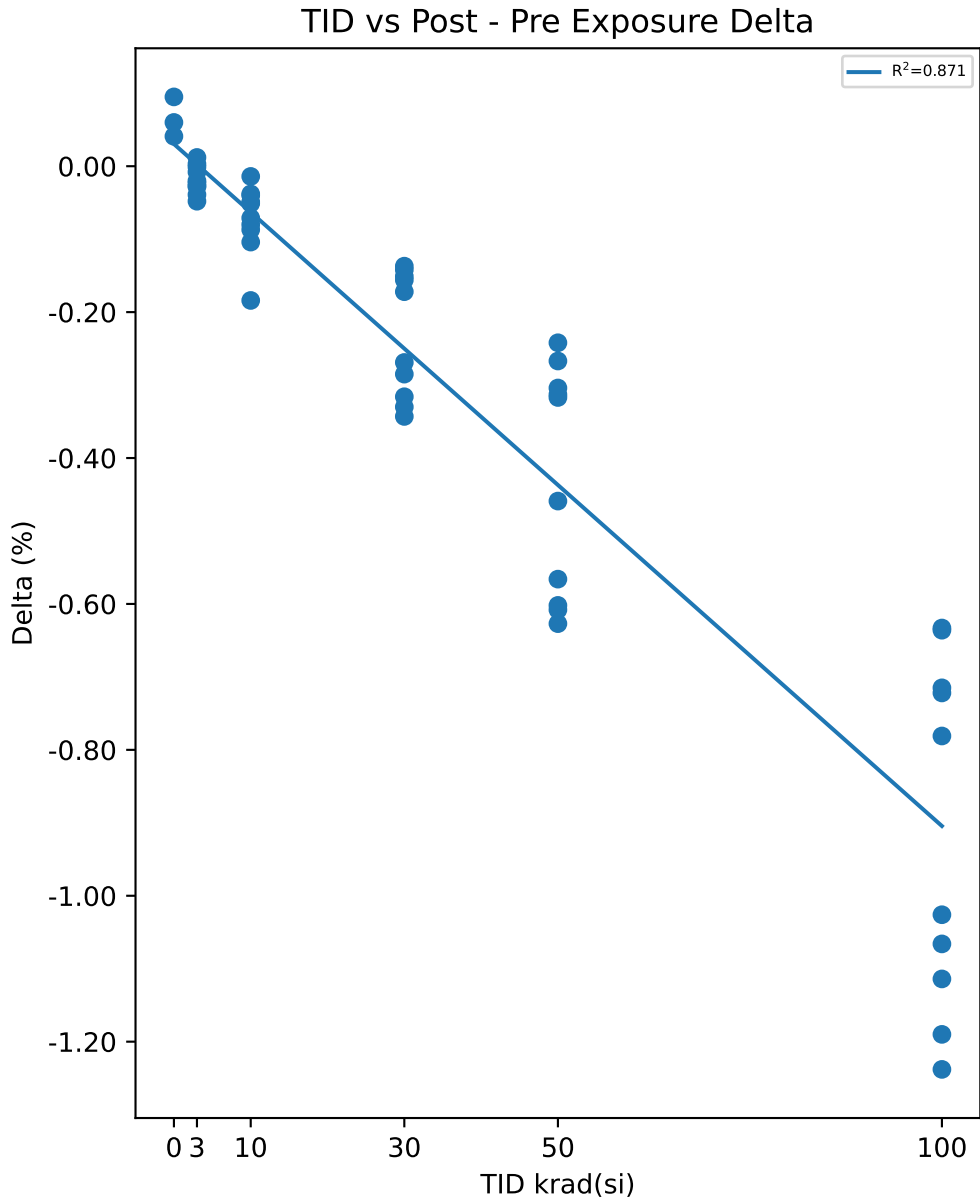
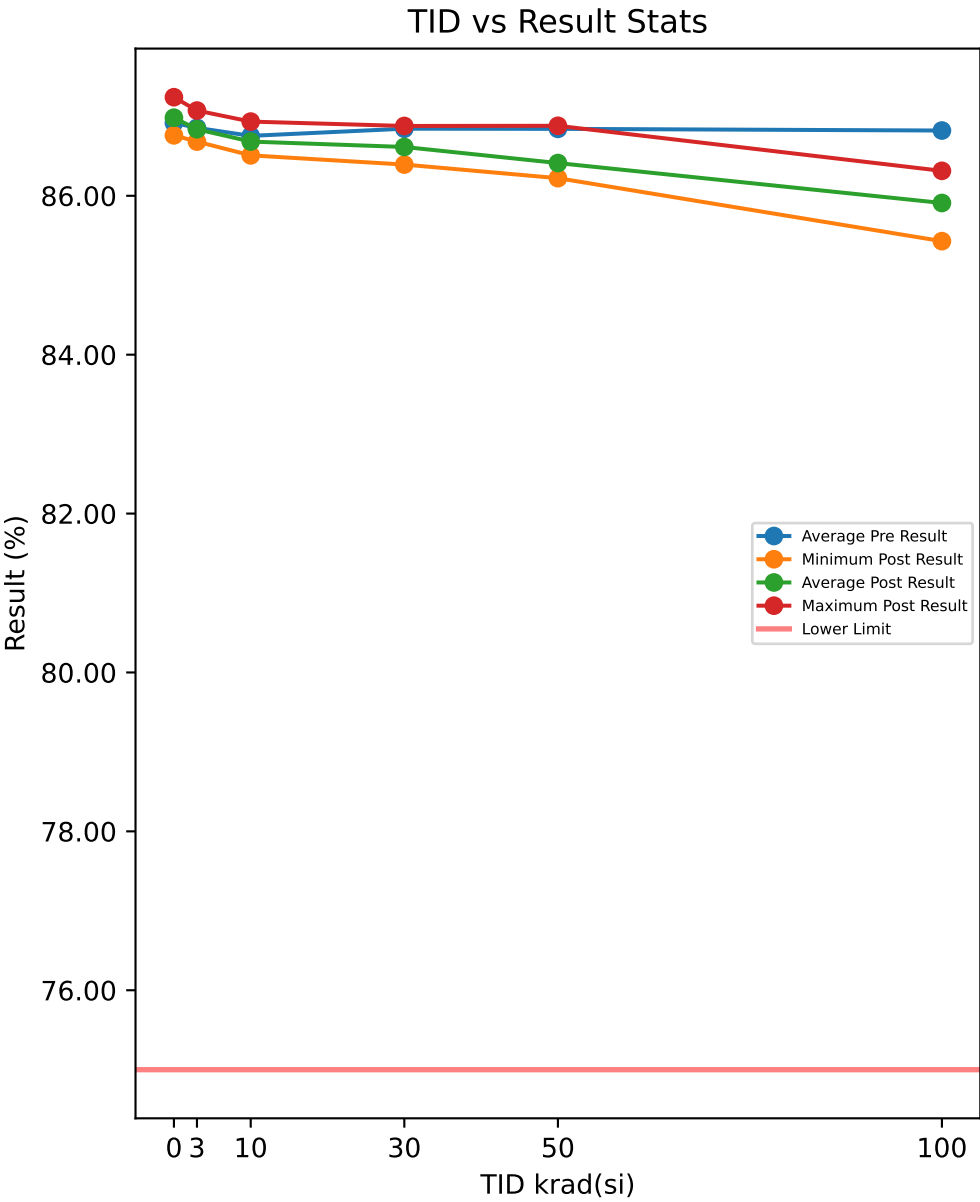
Test Statistics (%)												
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	85.755	85.967	86.241	0.24886	85.795	86.034	86.303	0.25533	0.04	0.067	0.099	0.029816
3	85.736	85.902	86.191	0.15899	85.706	85.87	86.152	0.1568	-0.057	-0.0326	-0.009	0.013167
10	85.604	85.809	86.161	0.15189	85.434	85.676	86.018	0.15733	-0.172	-0.1337	-0.093	0.028028
30	85.768	85.884	86.074	0.11478	85.295	85.466	85.659	0.13317	-0.488	-0.4175	-0.351	0.038897
50	85.597	85.891	86.194	0.18113	84.81	85.159	85.58	0.24528	-0.815	-0.732	-0.588	0.079169
100	85.55	85.877	86.099	0.1604	83.938	84.432	84.691	0.23935	-1.612	-1.4453	-1.296	0.1014



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	86.88	86.965	0.085
301	0	Correlation	87.14	87.194	0.054
302	0	Correlation	86.714	86.748	0.034
303	3	Bias	86.842	86.84	-0.002
304	3	Bias	86.795	86.775	-0.02
305	3	Bias	86.92	86.904	-0.016
306	3	Bias	86.798	86.775	-0.023
307	3	Bias	86.773	86.754	-0.019
308	3	Unbiased	86.859	86.84	-0.019
309	3	Unbiased	86.838	86.803	-0.035
310	3	Unbiased	86.768	86.723	-0.045
311	3	Unbiased	87.069	87.042	-0.027
312	3	Unbiased	87.078	87.053	-0.025
313	10	Bias	86.844	86.75	-0.094
314	10	Bias	86.81	86.716	-0.094
315	10	Bias	86.582	86.471	-0.111
316	10	Bias	87.042	86.946	-0.096
317	10	Bias	86.618	86.512	-0.106
318	10	Unbiased	86.867	86.792	-0.075
319	10	Unbiased	86.664	86.599	-0.065
320	10	Unbiased	86.654	86.571	-0.083
321	10	Unbiased	86.66	86.559	-0.101
322	10	Unbiased	86.747	86.666	-0.081
323	30	Bias	86.854	86.56	-0.294
324	30	Bias	86.821	86.535	-0.286
325	30	Bias	86.716	86.375	-0.341
326	30	Bias	87.007	86.733	-0.274
327	30	Bias	86.743	86.436	-0.307
328	30	Unbiased	86.843	86.581	-0.262
329	30	Unbiased	86.8	86.549	-0.251
330	30	Unbiased	87.048	86.759	-0.289
331	30	Unbiased	86.77	86.463	-0.307
332	30	Unbiased	86.749	86.432	-0.317
333	50	Bias	87.056	86.607	-0.449
334	50	Bias	86.647	86.143	-0.504
335	50	Bias	86.696	86.118	-0.578
336	50	Bias	86.834	86.263	-0.571
337	50	Bias	86.561	85.996	-0.565
338	50	Unbiased	87.008	86.581	-0.427
339	50	Unbiased	86.834	86.309	-0.525
340	50	Unbiased	86.815	86.227	-0.588
341	50	Unbiased	86.934	86.374	-0.56
342	50	Unbiased	86.824	86.262	-0.562
343	100	Bias	86.931	85.909	-1.022
344	100	Bias	86.823	85.793	-1.03
345	100	Bias	86.969	85.843	-1.126
346	100	Bias	86.568	85.377	-1.191
347	100	Bias	86.745	85.645	-1.1
348	100	Unbiased	86.866	85.885	-0.981
349	100	Unbiased	86.823	85.876	-0.947
350	100	Unbiased	86.811	85.722	-1.089
351	100	Unbiased	86.644	85.503	-1.141
352	100	Unbiased	87.032	86.004	-1.028

Test Statistics (%)

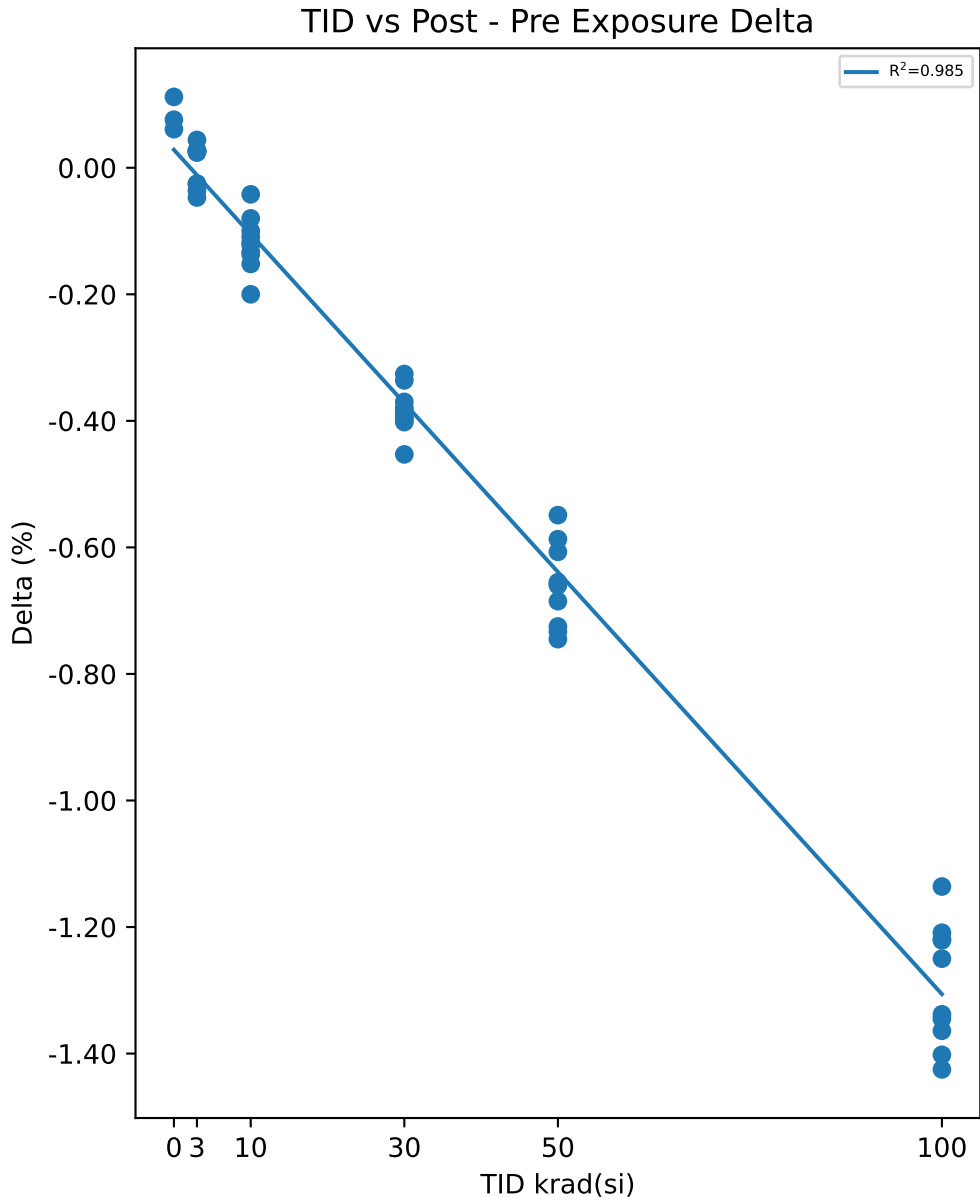
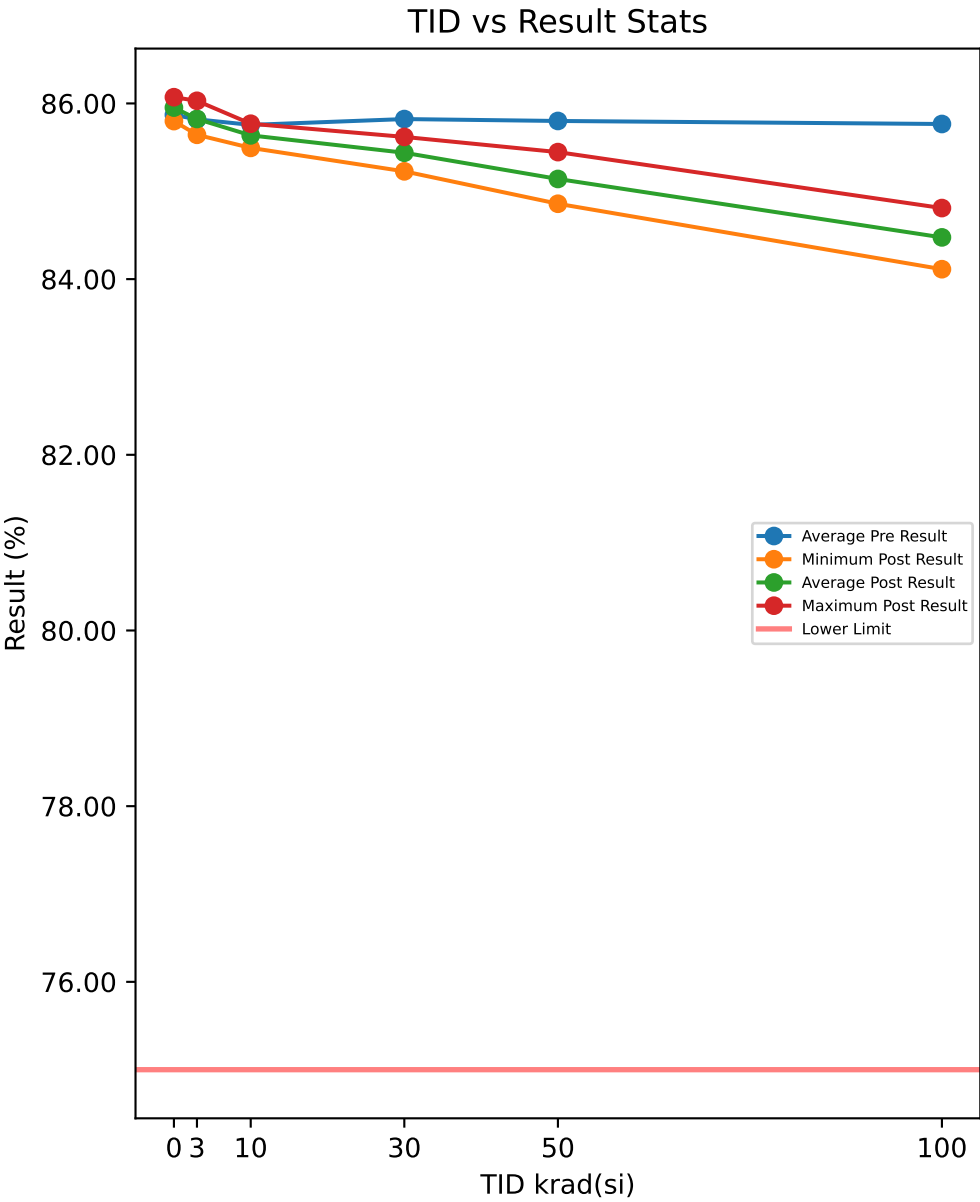
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.714	86.911	87.14	0.21472	86.748	86.969	87.194	0.22303	0.034	0.057667	0.085	0.025697
3	86.768	86.874	87.078	0.11439	86.723	86.851	87.053	0.11546	-0.045	-0.0231	-0.002	0.011445
10	86.582	86.749	87.042	0.1421	86.471	86.658	86.946	0.14527	-0.111	-0.0906	-0.065	0.014385
30	86.716	86.835	87.048	0.11108	86.375	86.542	86.759	0.12604	-0.341	-0.2928	-0.251	0.026716
50	86.561	86.821	87.056	0.15522	85.996	86.288	86.607	0.19312	-0.588	-0.5329	-0.427	0.05606
100	86.568	86.821	87.032	0.14212	85.377	85.756	86.004	0.19608	-1.191	-1.0655	-0.947	0.076445



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	86.852	86.947	0.095
301	0	Correlation	87.181	87.241	0.06
302	0	Correlation	86.72	86.761	0.041
303	3	Bias	86.774	86.786	0.012
304	3	Bias	86.787	86.786	-0.001
305	3	Bias	86.91	86.913	0.003
306	3	Bias	86.804	86.796	-0.008
307	3	Bias	86.702	86.682	-0.02
308	3	Unbiased	86.809	86.786	-0.023
309	3	Unbiased	86.841	86.802	-0.039
310	3	Unbiased	86.734	86.686	-0.048
311	3	Unbiased	87.101	87.073	-0.028
312	3	Unbiased	87.092	87.065	-0.027
313	10	Bias	86.902	86.862	-0.04
314	10	Bias	86.82	86.782	-0.038
315	10	Bias	86.586	86.535	-0.051
316	10	Bias	87.038	86.934	-0.104
317	10	Bias	86.61	86.561	-0.049
318	10	Unbiased	86.886	86.806	-0.08
319	10	Unbiased	86.658	86.587	-0.071
320	10	Unbiased	86.612	86.598	-0.014
321	10	Unbiased	86.693	86.509	-0.184
322	10	Unbiased	86.738	86.651	-0.087
323	30	Bias	86.831	86.68	-0.151
324	30	Bias	86.889	86.747	-0.142
325	30	Bias	86.708	86.536	-0.172
326	30	Bias	87.016	86.879	-0.137
327	30	Bias	86.757	86.601	-0.156
328	30	Unbiased	86.868	86.583	-0.285
329	30	Unbiased	86.796	86.527	-0.269
330	30	Unbiased	87.081	86.765	-0.316
331	30	Unbiased	86.764	86.434	-0.33
332	30	Unbiased	86.736	86.393	-0.343
333	50	Bias	87.123	86.881	-0.242
334	50	Bias	86.634	86.367	-0.267
335	50	Bias	86.726	86.409	-0.317
336	50	Bias	86.853	86.54	-0.313
337	50	Bias	86.594	86.29	-0.304
338	50	Unbiased	87.039	86.58	-0.459
339	50	Unbiased	86.831	86.265	-0.566
340	50	Unbiased	86.849	86.222	-0.627
341	50	Unbiased	86.922	86.314	-0.608
342	50	Unbiased	86.855	86.253	-0.602
343	100	Bias	86.947	86.314	-0.633
344	100	Bias	86.818	86.182	-0.636
345	100	Bias	86.984	86.269	-0.715
346	100	Bias	86.544	85.763	-0.781
347	100	Bias	86.735	86.013	-0.722
348	100	Unbiased	86.864	85.798	-1.066
349	100	Unbiased	86.806	85.78	-1.026
350	100	Unbiased	86.809	85.619	-1.19
351	100	Unbiased	86.667	85.429	-1.238
352	100	Unbiased	87.041	85.927	-1.114

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.72	86.918	87.181	0.23741	86.761	86.983	87.241	0.24202	0.041	0.065333	0.095	0.027392
3	86.702	86.855	87.101	0.13899	86.682	86.838	87.073	0.13784	-0.048	-0.0179	0.012	0.019093
10	86.586	86.754	87.038	0.15153	86.509	86.683	86.934	0.15074	-0.184	-0.0718	-0.014	0.047576
30	86.708	86.845	87.081	0.12245	86.393	86.614	86.879	0.15315	-0.343	-0.2301	-0.137	0.085755
50	86.594	86.843	87.123	0.16427	86.222	86.412	86.881	0.20387	-0.627	-0.4305	-0.242	0.15764
100	86.544	86.822	87.041	0.14941	85.429	85.909	86.314	0.28753	-1.238	-0.9121	-0.633	0.23738



Test Results (Lower Limit = 75.0 (%))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
300	0	Correlation	85.876	85.988	0.112
301	0	Correlation	85.995	86.071	0.076
302	0	Correlation	85.738	85.799	0.061
303	3	Bias	85.71	85.754	0.044
304	3	Bias	85.719	85.743	0.024
305	3	Bias	85.915	85.942	0.027
306	3	Bias	85.773	85.799	0.026
307	3	Bias	85.616	85.643	0.027
308	3	Unbiased	85.841	85.868	0.027
309	3	Unbiased	85.807	85.771	-0.036
310	3	Unbiased	85.751	85.704	-0.047
311	3	Unbiased	86.056	86.03	-0.026
312	3	Unbiased	86.003	85.978	-0.025
313	10	Bias	85.887	85.769	-0.118
314	10	Bias	85.844	85.722	-0.122
315	10	Bias	85.705	85.553	-0.152
316	10	Bias	85.896	85.763	-0.133
317	10	Bias	85.751	85.614	-0.137
318	10	Unbiased	85.788	85.688	-0.1
319	10	Unbiased	85.695	85.615	-0.08
320	10	Unbiased	85.614	85.572	-0.042
321	10	Unbiased	85.694	85.494	-0.2
322	10	Unbiased	85.684	85.575	-0.109
323	30	Bias	85.812	85.428	-0.384
324	30	Bias	85.898	85.528	-0.37
325	30	Bias	85.68	85.227	-0.453
326	30	Bias	85.927	85.536	-0.391
327	30	Bias	85.834	85.44	-0.394
328	30	Unbiased	85.889	85.553	-0.336
329	30	Unbiased	85.751	85.425	-0.326
330	30	Unbiased	85.998	85.619	-0.379
331	30	Unbiased	85.753	85.354	-0.399
332	30	Unbiased	85.679	85.277	-0.402
333	50	Bias	86.033	85.446	-0.587
334	50	Bias	85.588	84.933	-0.655
335	50	Bias	85.728	84.983	-0.745
336	50	Bias	85.811	85.078	-0.733
337	50	Bias	85.583	84.858	-0.725
338	50	Unbiased	85.948	85.399	-0.549
339	50	Unbiased	85.849	85.242	-0.607
340	50	Unbiased	85.723	85.038	-0.685
341	50	Unbiased	85.915	85.255	-0.66
342	50	Unbiased	85.827	85.17	-0.657
343	100	Bias	85.848	84.627	-1.221
344	100	Bias	85.788	84.569	-1.219
345	100	Bias	85.842	84.478	-1.364
346	100	Bias	85.538	84.113	-1.425
347	100	Bias	85.699	84.361	-1.338
348	100	Unbiased	85.76	84.551	-1.209
349	100	Unbiased	85.81	84.674	-1.136
350	100	Unbiased	85.75	84.405	-1.345
351	100	Unbiased	85.566	84.164	-1.402
352	100	Unbiased	86.059	84.809	-1.25

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	85.738	85.87	85.995	0.12862	85.799	85.953	86.071	0.1394	0.061	0.083	0.112	0.026211
3	85.616	85.819	86.056	0.13732	85.643	85.823	86.03	0.12652	-0.047	0.0041	0.044	0.033355
10	85.614	85.756	85.896	0.094908	85.494	85.636	85.769	0.09411	-0.2	-0.1193	-0.042	0.042282
30	85.679	85.822	85.998	0.10694	85.227	85.439	85.619	0.12537	-0.453	-0.3834	-0.326	0.035503
50	85.583	85.8	86.033	0.1475	84.858	85.14	85.446	0.19622	-0.745	-0.6603	-0.549	0.06489
100	85.538	85.766	86.059	0.14815	84.113	84.475	84.809	0.21973	-1.425	-1.2909	-1.136	0.096174

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