Radiation Report

LM117QML-SP 0.5 A Total Ionizing Dose (TID)

ABSTRACT

This report discusses the results of the total ionizing dose (TID) testing for the Texas Instruments LM117QML-SP 0.5 A, 3-terminal linear regulator. The study was done to determine TID effects under low dose rate (LDR) and high dose rate (HDR) up to 100 krad(Si). The results show that all samples pass within the specified test limits up to 100 krad(Si).

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Trademarks

1 Device Information

1.1 Product Description

The LM117QML-SP 3-terminal positive voltage linear regulator is capable of supplying either 0.5 A or 1.5 A over a 1.2-V to 37-V output range. It is simple to use and requires only two external resistors to set the output voltage.

The regulator is "floating" and sees only the input-to-output differential voltage, thus enabling supplies of several hundred volts to be regulated as long as the maximum input-to-output differential is not exceeded.

1.2 Device Details

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

Table 1-1. Device and Exposure Details

RHA TID Details: up to 100 krad(Si)	
TI Part Number	LM117QML-SP
Orderable Number	LM117HRLQMLV
Maximum Output Current	0.5 A
Device Function	Voltage Linear Regulator
Die Name	GLLM117HRRE
Package	3-pin NDT (TO-39)
Technology	SLM
Quantity Tested	LDR - 50, HDR - 60
Lot Accept/Reject	All levels tested and passed up to 100 krad(Si) for HDR and LDR
HDR Radiation Facility	Texas Instruments South Portland, Maine
Die Lot# / Assembly Lot#	JM088366/ 8J1196J019
HDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
HDR Dose Rate	20-100 rad(Si)/s
Irradiation Temperature	Ambient, room temperature
LDR Radiation Facility	White Sands Missile Range, New Mexico
Die Lot# / Assembly Lot#	JM088366/ 8J1196J019
LDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
LDR Dose Rate	0.01 rad(Si)/s

2 Total Dose Test Setup

2.1 Test Overview

The LM117HRLQMLV was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Conditions A and D were used. For this test, the product was irradiated up to the target radiation level and then put through full electrical parametric testing on the production Automated Test Equipment (ATE).

2.2 Test Description and Facilities

The LM117HRLQMLV HDR exposure was performed on biased and unbiased devices in a Co-60 gammacell at TI facility in South Portland, Maine. The dose rate for this testing was between 20-100 rad(Si)/s. After exposure, the devices underwent a full post-radiation electrical testing in South Portland, Maine.

The LM117HRLQMLV LDR exposure was performed on biased and unbiased devices in White Sands Missile Range in New Mexico. The dose rate of the irradiator used in the exposure was 10 mrad(Si)/s. After exposure, devices were electrically tested at Texas Instruments in South Portland, Maine. The test program consists of guard band test limits set within data sheet electrical test limits.

2.3 Test Setup Details

The devices under LDR and HDR exposure were tested in both biased and unbiased conditions in two situations described as follows.

2.3.1 Unbiased

For the unbiased LDR and HDR conditions, the exposure was performed with all pins grounded.

2.3.2 Biased

Figure 2-1 shows the diagram for LDR and HDR exposure with biased condition.

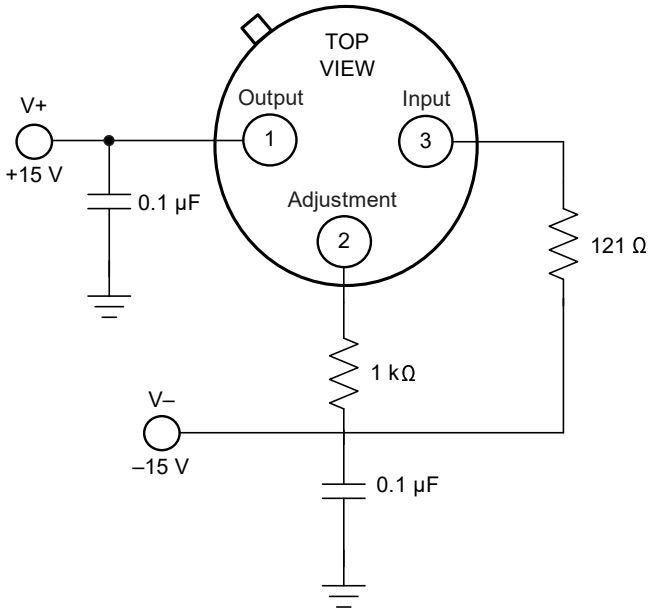


Figure 2-1. LDR and HDR TID Bias Diagram

2.4 Test Configuration and Conditions

HDR devices were exposed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), and 100 krad(Si) for biased and unbiased conditions. LDR devices were exposed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), and 100 krad(Si) for biased and unbiased conditions. The samples were radiated and sent back to Texas Instruments for post testing before being exposed again.

Table 2-1. HDR ≤ 20–100 rad(Si)/s Biased Device Serial Numbers

Total Samples: 30				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
315, 316, 317, 318, 319, 320	1015, 1016, 1017, 1018, 1019, 1020	3015, 3016, 3017, 3018, 3019, 3020	5015, 5016, 5017, 5018, 5019, 5020	10015, 10016, 10017, 10018, 10019, 10020

Table 2-2. HDR = 20–100 rad(Si)/s Unbiased Device Serial Numbers

Total Samples: 30				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
321, 322, 323, 324, 325, 326	1021, 1022, 1023, 1024, 1025, 1026	1021, 1022, 1023, 1024, 1025, 1026	5021, 5022, 5023, 5024, 5025, 5026	10021, 10022, 10023, 10024, 10025, 10026

Table 2-3. LDR = 10 mrad(Si)/s Biased Device Serial Numbers

Total Samples: 25				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
327, 328, 329, 330, 331	1027, 1028, 1029, 1030, 1031	3027, 3028, 3029, 3030, 3031	5027, 5028, 5029, 5030, 5031	10027, 10028, 10029, 10030, 10031

Table 2-4. LDR = 10 mrad(Si)/s Unbiased Device Serial Numbers

Total Samples: 25				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
332, 333, 334, 335, 336	1032, 1033, 1034, 1035, 1036	3032, 3033, 3034, 3035, 3036	5032, 5033, 5034, 5035, 5036	10032, 10033, 10034, 10035, 10036

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the LM117QML-SP 0.5 A device passes up to 100-krad(Si) LDR and 100-krad(Si) HDR TID. The drift of data sheet electrical parameters through LDR and HDR were within the pre-irradiation characterization limits. Overall the LM117HRLQMLV show a strong degree of hardness to TID LDR and HDR irradiation up to 100 krad(Si) for both biased and unbiased exposure conditions. Performance is measured based on the difference between pre- and post-irradiation with respect to the data sheet electrical min-max specifications. The measurements taken post-irradiation for each sample set show marginal shift for most parameters at each dose level for both biased and unbiased devices. The parameters that did show a greater degree of change between pre- and post-irradiation were still within the data sheet electrical specification. The tables in Appendix A and B show minimum and maximum values measured post-irradiation only for each sample set and the average of that sample set at each dose level.

See Appendix A and Appendix B for graphs and drifts.

3.2 Specification Compliance Matrix

Table 3-1. LM117QML-SP 0.5 A Specification Compliance Matrix

PARAMETER		TEST CONDITION		LM117HRLQMLV DATA SHEET (SNVSC12)			ATE
Symbol	Description			MIN	MAX	Unit	
I_{adj}	Adjust Pin Current	C=4.25 V, I_L=-5 mA		-100	-15	µA	1
		V_I=41.25 V, I_L=-5 mA		-100	-15		2
ΔI_{adj}/Line	Adjust Pin Current Change	4.25 V ≤ V_I ≤ 41.25 V , I_L= -5 mA		-5	5	µA	3
ΔI_{adj}/Load	Adjust Pin Current Change	V_I= 6.25 V , -500 mA ≤ I_L ≤ -5 mA		-5	5	µA	4
I_Q	Minimum Load Current	V_I= 4.25 V , Forced V_O= 1.4 V		-3	-0.5	mA	5
		V_I= 14.25 V , Forced V_O= 1.4 V		-3	-0.5		6
		V_I= 41.25 V , Forced V_O= 1.4 V		-5	-1		7
V_O	Output Voltage	V_I= 4.25 V , I_L= -5 mA		1.2	1.3	V	8
			25°C Post Radiation		1.35		
		V_I= 4.25 V , I_L= -500 mA		1.2	1.3		9
			25°C Post Radiation		1.35		
		V_I= 41.25 V , I_L= -5 mA		1.2	1.3		10
			25°C Post Radiation		1.35		
		V_I= 41.25 V , I_L= -500 mA		1.2	1.3		11
			25°C Post Radiation		1.35		
V_{RLine}	Line Regulation	4.25 V ≤ V_I ≤ 41.25 V , I_L= -5 mA	25°C	-9	9	mV	12
			125°C, -55°C	-23	23		
			25°C Post Radiation	-25	25		
V_{RLoad}	Load Regulation	V_I= 6.25 V , -500 mA ≤ I_L ≤ -5 mA		-12	12	mV	13
		V_I= 41.25 V , -50 mA ≤ I_L ≤ -5 mA		-12	12		14
V_{RTh}	Thermal Regulation	V_I= 14.6 V , I_L= -500 mA		-12	12	mV	15
V_{NO}	Output Noise Voltage	V_I= 6.25 V , I_L= -50 mA		7	120	µ V_{RMS}	22
ΔV_O / ΔV_I	Line Transient Response	V_I= 6.25 V , ΔV_I= 3 V , I_L= -10 mA			6	mV/V	23
ΔV_O / ΔV_L	Load Transient Response	V_I= 6.25 V , ΔI_L= -200 mA, I_L= -50 mA			0.6	mV/ mA	24
ΔV_I / ΔV_O	Ripple Rejection	V_I= 6.25 V , ΔI_L= -125 mA, E_I= 1 V_{RMS} At f = 2400 Hz		60		dB	25
I_{OS}	Output Short Circuit Current	V_I= 4.25 V		-1.8	-0.5	A	16
		V_I= 40 V		-0.5	-0.05		18

Table 3-1. LM117QML-SP 0.5 A Specification Compliance Matrix (continued)

V_o (Recov)	Output Voltage Recovery	V_I= 4.25 V , R_L= 2.5 Ω, C_L= 20 µF		1.2	1.3	V	17
			25°C Post Radiation		1.35		
		V_I= 4.25 V , R_L= 2.5 Ω, C_L= 20 µF		1.2	1.3		19
			25°C Post Radiation		1.35		
V_{Start}	Voltage Startup	V_I= 4.25 V , R_L= 2.5 Ω, C_L= 20 µF, I_L = -500 mA		1.2	1.3	V	20

4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, Data Sheet for LM117QML-SP

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 (Defense Logistics Agency) website.

5 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

DATE	REVISION	NOTES
April 2022	*	Initial release

A Appendix: HDR TID Report Data

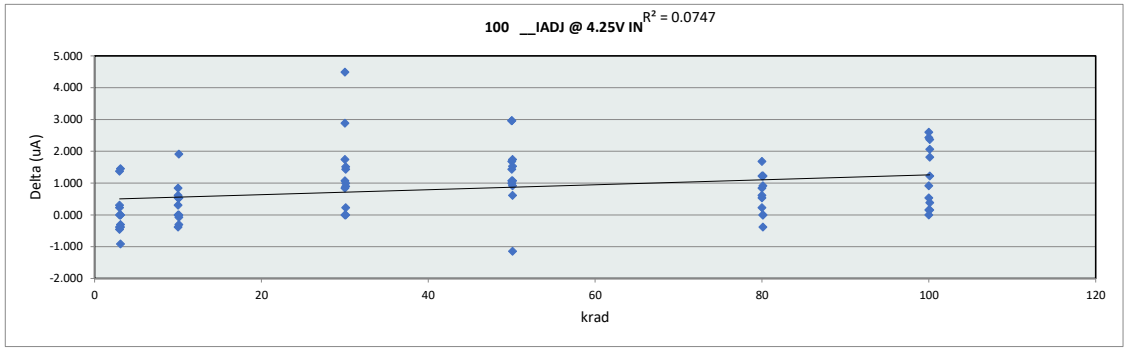
This appendix provides the LM117HRLQMLV HDR TID report data.

Identifier	Description
3	3 krad(Si) unbiased
3.1	3 krad(Si) biased
10	10 krad(Si) unbiased
10.1	10 krad(Si) biased
30	30 krad(Si) unbiased
30.1	30 krad(Si) biased
50	50 krad(Si) unbiased
50.1	50 krad(Si) biased
80	80 krad(Si) unbiased
80.1	80 krad(Si) biased
100	100 krad(Si) unbiased
100.1	100 krad(Si) biased

HDR Report
LM117HRLQMLV

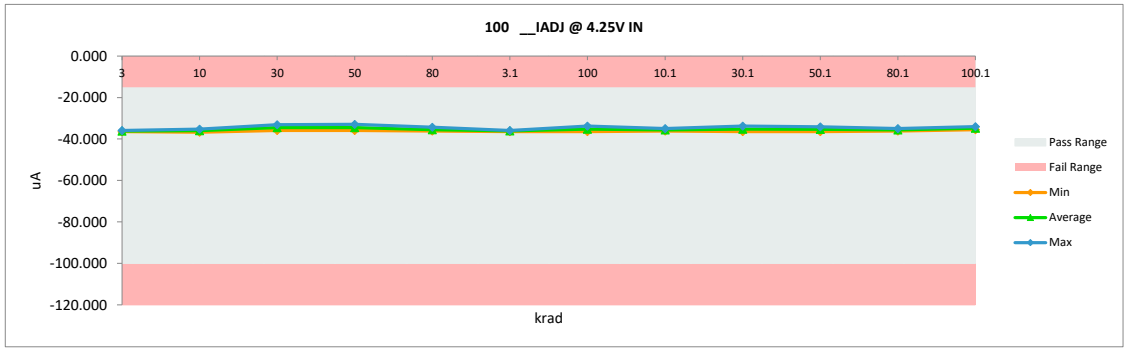
	100 __IADJ @ 4.25V IN	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	-15	-15
Min Limit	-100	-100

krad	Serial #	PRE	POST	Delta
3	321	-35.889	-36.347	-0.458
3	322	-36.195	-35.889	0.306
3	323	-35.507	-35.889	-0.382
3	324	-37.570	-36.195	1.375
3	325	-36.424	-36.195	0.229
3	326	-36.424	-36.424	0.000
3.1	315	-36.424	-36.424	0.000
3.1	316	-35.889	-35.889	0.000
3.1	317	-35.889	-36.195	-0.306
3.1	318	-37.417	-35.965	1.452
3.1	319	-35.507	-35.889	-0.382
3.1	320	-35.278	-36.195	-0.917
10	1021	-35.889	-35.278	0.611
10	1022	-36.195	-35.889	0.306
10	1023	-35.507	-35.889	-0.382
10	1024	-37.570	-36.729	0.841
10	1025	-36.424	-35.889	0.535
10	1026	-36.424	-36.424	0.000
10.1	1015	-36.424	-35.889	0.535
10.1	1016	-35.889	-36.195	-0.306
10.1	1017	-35.889	-35.889	0.000
10.1	1018	-37.417	-35.507	1.910
10.1	1019	-35.507	-34.972	0.535
10.1	1020	-35.278	-35.354	-0.076
30	3021	-35.889	-35.889	0.000
30	3022	-36.195	-35.354	0.841
30	3023	-35.507	-33.767	1.740
30	3024	-37.570	-33.080	4.491
30	3025	-36.424	-33.538	2.886
30	3026	-36.424	-35.354	1.070
30.1	3015	-36.424	-36.195	0.229
30.1	3016	-35.889	-34.990	0.899
30.1	3017	-35.889	-35.889	0.000
30.1	3018	-37.417	-36.424	0.993
30.1	3019	-35.507	-34.073	1.434
30.1	3020	-35.278	-33.767	1.510
50	5021	-35.889	-32.927	2.962
50	5022	-36.195	-35.201	0.993
50	5023	-35.507	-34.073	1.434
50	5024	-37.570	-35.889	1.681
50	5025	-36.424	-33.462	2.962
50	5026	-36.424	-35.354	1.070
50.1	5015	-36.424	-35.354	1.070
50.1	5016	-35.889	-34.149	1.740
50.1	5017	-35.889	-35.278	0.611
50.1	5018	-37.417	-35.889	1.528
50.1	5019	-35.507	-34.590	0.917
50.1	5020	-35.278	-36.424	-1.146
80	8021	-35.889	-35.278	0.611
80	8022	-36.195	-35.354	0.841
80	8023	-35.507	-34.284	1.223
80	8024	-37.570	-35.889	1.681



	100 __IADJ @ 4.25	
Test Site		
Tester		
Test Number		
Max Limit	-15	uA
Min Limit	-100	uA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000
Min	-36.424	-36.729	-35.889	-35.889	-36.195	-36.424	-36.424	-36.195	-36.424	-36.424	-36.195	-35.507
Average	-36.156	-36.016	-34.497	-34.484	-35.481	-36.093	-35.230	-35.634	-35.223	-35.281	-35.571	-34.733
Max	-35.889	-35.278	-33.080	-32.927	-34.284	-35.889	-33.767	-34.972	-33.767	-34.149	-34.972	-34.055
UL	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000



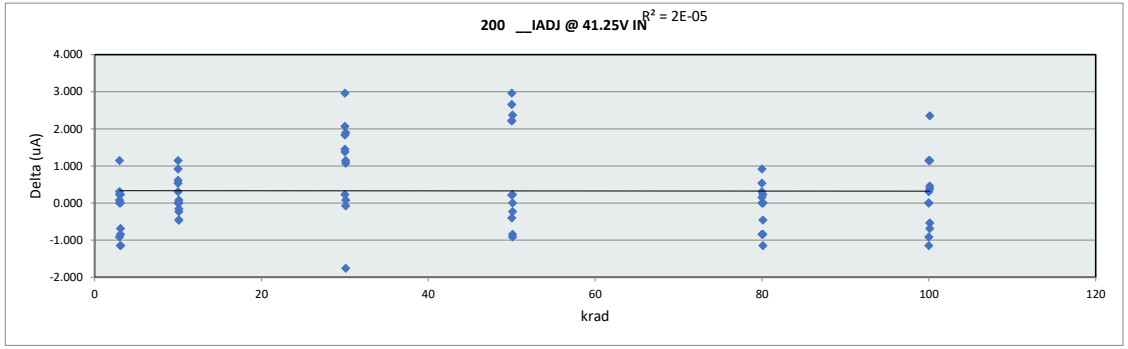
HDR Report
LM117HRLQMLV

80	8025	-36.424	-35.889	0.535
80	8026	-36.424	-36.195	0.229
80.1	8015	-36.424	-35.201	1.223
80.1	8016	-35.889	-34.972	0.917
80.1	8017	-35.889	-35.889	0.000
80.1	8018	-37.417	-36.195	1.223
80.1	8019	-35.507	-35.889	-0.382
80.1	8020	-35.278	-35.278	0.000
100	10015	-36.424	-35.889	0.535
100	10021	-35.889	-34.972	0.917
100	10022	-36.195	-33.767	2.427
100	10023	-35.507	-35.354	0.153
100	10024	-37.570	-34.972	2.598
100	10025	-36.424	-36.424	0.000
100.1	10026	-36.424	-34.055	2.369
100.1	10016	-35.889	-34.073	1.816
100.1	10017	-35.889	-35.507	0.382
100.1	10018	-37.417	-35.354	2.063
100.1	10019	-35.507	-35.354	0.153
100.1	10020	-35.278	-34.055	1.223
	Max	-35.278	-32.927	4.491
	Average	-36.201	-35.367	0.834
	Min	-37.570	-36.729	-1.146
	Std Dev	0.689	0.909	1.013

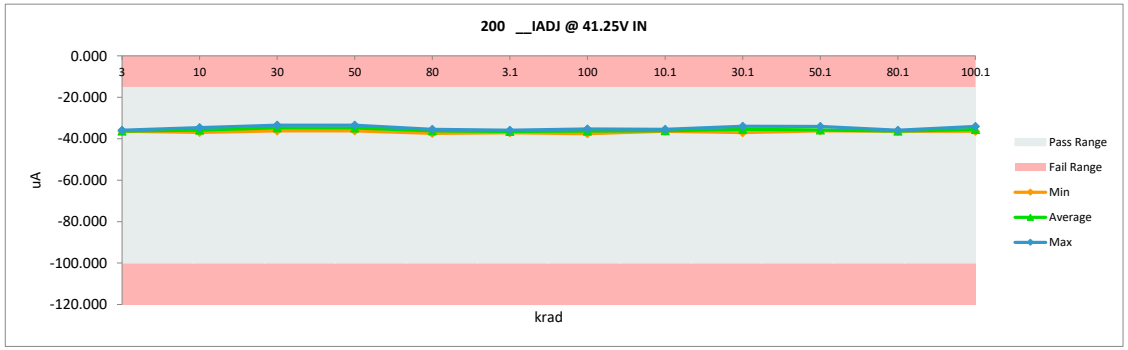
HDR Report
LM117HRLQMLV

	200 __IADJ @ 41.25V IN	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	-15	-15
Min Limit	-100	-100

krad	Serial #	PRE	POST	Delta
3	321	-36.424	-36.424	0.000
3	322	-36.424	-36.195	0.229
3	323	-36.195	-35.889	0.306
3	324	-35.507	-36.424	-0.917
3	325	-36.424	-36.347	0.076
3	326	-37.570	-36.424	1.146
3.1	315	-36.424	-37.112	-0.688
3.1	316	-36.424	-36.195	0.229
3.1	317	-35.965	-37.112	-1.146
3.1	318	-35.278	-36.424	-1.146
3.1	319	-35.889	-35.889	0.000
3.1	320	-35.354	-36.195	-0.841
10	1021	-36.424	-35.278	1.146
10	1022	-36.424	-36.424	0.000
10	1023	-36.195	-35.889	0.306
10	1024	-35.507	-34.590	0.917
10	1025	-36.424	-35.889	0.535
10	1026	-37.570	-36.959	0.611
10.1	1015	-36.424	-36.347	0.076
10.1	1016	-36.424	-36.424	0.000
10.1	1017	-35.965	-36.424	-0.458
10.1	1018	-35.278	-35.507	-0.229
10.1	1019	-35.889	-36.347	-0.458
10.1	1020	-35.354	-35.507	-0.153
30	3021	-36.424	-36.195	0.229
30	3022	-36.424	-34.590	1.834
30	3023	-36.195	-34.131	2.063
30	3024	-35.507	-34.055	1.452
30	3025	-36.424	-33.462	2.962
30	3026	-37.570	-36.195	1.375
30.1	3015	-36.424	-36.500	-0.076
30.1	3016	-36.424	-35.278	1.146
30.1	3017	-35.965	-35.889	0.076
30.1	3018	-35.278	-37.035	-1.758
30.1	3019	-35.889	-33.996	1.892
30.1	3020	-35.354	-34.284	1.070
50	5021	-36.424	-33.767	2.657
50	5022	-36.424	-36.212	0.211
50	5023	-36.195	-33.979	2.216
50	5024	-35.507	-35.907	-0.400
50	5025	-36.424	-33.462	2.962
50	5026	-37.570	-35.354	2.216
50.1	5015	-36.424	-36.195	0.229
50.1	5016	-36.424	-34.055	2.369
50.1	5017	-35.965	-36.195	-0.229
50.1	5018	-35.278	-36.195	-0.917
50.1	5019	-35.889	-35.889	0.000
50.1	5020	-35.354	-36.195	-0.841
80	8021	-36.424	-36.424	0.000
80	8022	-36.424	-35.507	0.917
80	8023	-36.195	-35.889	0.306
80	8024	-35.507	-36.347	-0.841



	200 __IADJ @ 41.25V IN											
Test Site												
Tester												
Test Number												
Max Limit	-15	uA										
Min Limit	-100	uA										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000
Min	-36.424	-36.959	-36.195	-36.212	-37.417	-37.112	-37.570	-36.424	-37.035	-36.195	-36.424	-36.424
Average	-36.284	-35.838	-34.771	-34.780	-36.246	-36.487	-36.335	-36.093	-35.497	-35.787	-36.258	-35.561
Max	-35.889	-34.590	-33.462	-33.462	-35.507	-35.889	-35.278	-35.507	-33.996	-34.055	-35.889	-34.073
UL	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000



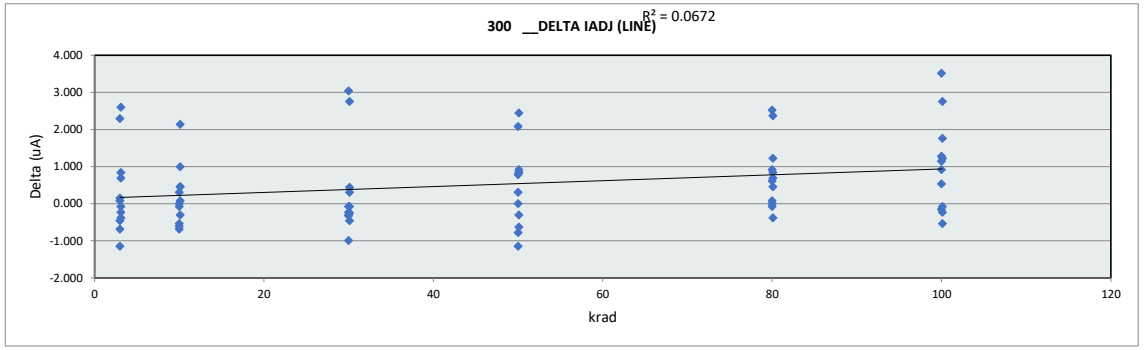
HDR Report
LM117HRLQMLV

80	8025	-36.424	-35.889	0.535
80	8026	-37.570	-37.417	0.153
80.1	8015	-36.424	-36.424	0.000
80.1	8016	-36.424	-36.195	0.229
80.1	8017	-35.965	-36.424	-0.458
80.1	8018	-35.278	-36.424	-1.146
80.1	8019	-35.889	-35.889	0.000
80.1	8020	-35.354	-36.195	-0.841
100	10015	-36.424	-36.424	0.000
100	10021	-36.424	-36.424	0.000
100	10022	-36.424	-35.278	1.146
100	10023	-36.195	-35.889	0.306
100	10024	-35.507	-36.424	-0.917
100	10025	-36.424	-37.570	-1.146
100.1	10026	-37.570	-36.424	1.146
100.1	10016	-36.424	-34.073	2.351
100.1	10017	-35.965	-35.507	0.458
100.1	10018	-35.278	-35.965	-0.688
100.1	10019	-35.889	-35.507	0.382
100.1	10020	-35.354	-35.889	-0.535
	Max	-35.278	-33.462	2.962
	Average	-36.156	-35.828	0.328
	Min	-37.570	-37.570	-1.758
	Std Dev	0.603	0.932	1.063

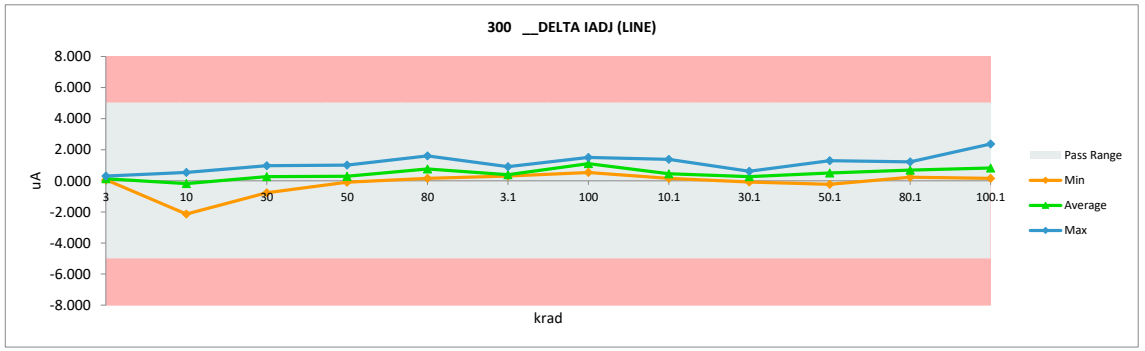
HDR Report
LM117HRLQMLV

	300 __DELTA IADJ (LINE)	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

krad	Serial #	PRE	POST	Delta
3	321	0.535	0.076	-0.458
3	322	0.229	0.306	0.076
3	323	0.688	0.000	-0.688
3	324	-2.063	0.229	2.292
3	325	0.000	0.153	0.153
3	326	1.146	0.000	-1.146
3.1	315	0.000	0.688	0.688
3.1	316	0.535	0.306	-0.229
3.1	317	0.076	0.917	0.841
3.1	318	-2.140	0.458	2.598
3.1	319	0.382	0.000	-0.382
3.1	320	0.076	0.000	-0.076
10	1021	0.535	0.000	-0.535
10	1022	0.229	0.535	0.306
10	1023	0.688	0.000	-0.688
10	1024	-2.063	-2.140	-0.076
10	1025	0.000	0.000	0.000
10	1026	1.146	0.535	-0.611
10.1	1015	0.000	0.458	0.458
10.1	1016	0.535	0.229	-0.306
10.1	1017	0.076	0.535	0.458
10.1	1018	-2.140	0.000	2.140
10.1	1019	0.382	1.375	0.993
10.1	1020	0.076	0.153	0.076
30	3021	0.535	0.306	-0.229
30	3022	0.229	-0.764	-0.993
30	3023	0.688	0.364	-0.324
30	3024	-2.063	0.976	3.039
30	3025	0.000	-0.076	-0.076
30	3026	1.146	0.841	-0.306
30.1	3015	0.000	0.306	0.306
30.1	3016	0.535	0.288	-0.247
30.1	3017	0.076	0.000	-0.076
30.1	3018	-2.140	0.611	2.751
30.1	3019	0.382	-0.076	-0.458
30.1	3020	0.076	0.517	0.441
50	5021	0.535	0.841	0.306
50	5022	0.229	1.011	0.782
50	5023	0.688	-0.094	-0.782
50	5024	-2.063	0.018	2.081
50	5025	0.000	0.000	0.000
50	5026	1.146	0.000	-1.146
50.1	5015	0.000	0.841	0.841
50.1	5016	0.535	-0.094	-0.629
50.1	5017	0.076	0.917	0.841
50.1	5018	-2.140	0.306	2.445
50.1	5019	0.382	1.299	0.917
50.1	5020	0.076	-0.229	-0.306
80	8021	0.535	1.146	0.611
80	8022	0.229	0.153	-0.076
80	8023	0.688	1.605	0.917
80	8024	-2.063	0.458	2.522



	300 __DELTA IADJ											
Test Site												
Tester												
Test Number												
Max Limit	5	uA										
Min Limit	-5	uA										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	0.076	-2.140	-0.764	-0.094	0.153	0.306	0.535	0.153	-0.076	-0.229	0.229	0.153
Average	0.127	-0.178	0.274	0.296	0.764	0.395	1.105	0.458	0.274	0.506	0.688	0.828
Max	0.306	0.535	0.976	1.011	1.605	0.917	1.510	1.375	0.611	1.299	1.223	2.369
UL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000



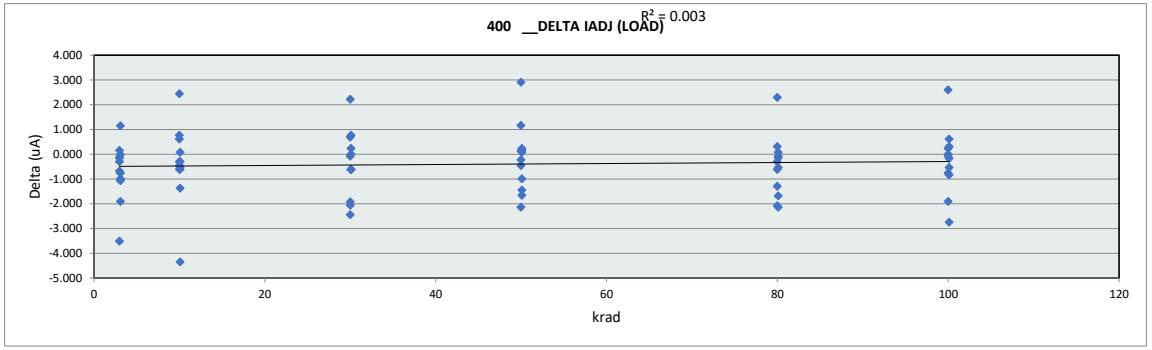
HDR Report
LM117HRLQMLV

80	8025	0.000	0.000	0.000
80	8026	1.146	1.223	0.076
80.1	8015	0.000	1.223	1.223
80.1	8016	0.535	1.223	0.688
80.1	8017	0.076	0.535	0.458
80.1	8018	-2.140	0.229	2.369
80.1	8019	0.382	0.000	-0.382
80.1	8020	0.076	0.917	0.841
100	10015	0.000	0.535	0.535
100	10021	0.535	1.452	0.917
100	10022	0.229	1.510	1.281
100	10023	0.688	0.535	-0.153
100	10024	-2.063	1.452	3.515
100	10025	0.000	1.146	1.146
100.1	10026	1.146	2.369	1.223
100.1	10016	0.535	0.000	-0.535
100.1	10017	0.076	0.000	-0.076
100.1	10018	-2.140	0.611	2.751
100.1	10019	0.382	0.153	-0.229
100.1	10020	0.076	1.834	1.758
	Max	1.146	2.369	3.515
	Average	-0.045	0.461	0.506
	Min	-2.140	-2.140	-1.146
	Std Dev	0.981	0.650	1.086

HDR Report
LM117HRLQMLV

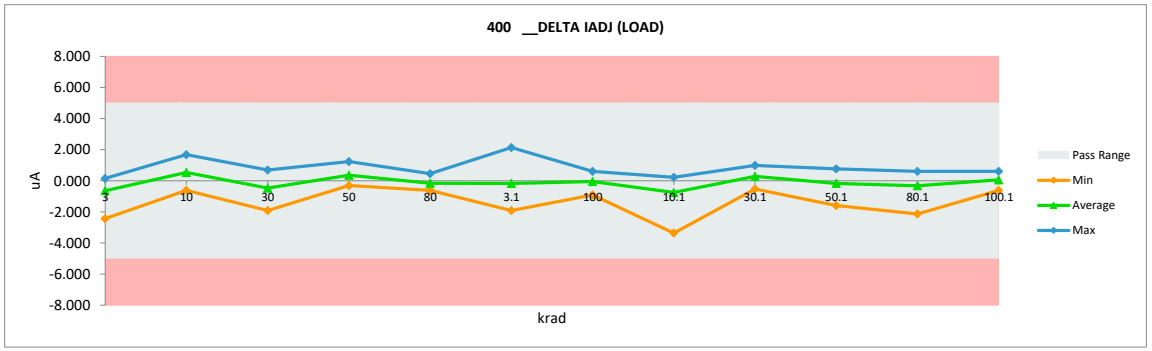
	400 __DELTA IADJ (LOAD)	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

krad	Serial #	PRE	POST	Delta
3	321	0.153	0.000	-0.153
3	322	-2.292	-2.427	-0.135
3	323	0.000	0.153	0.153
3	324	0.076	-0.229	-0.306
3	325	0.688	0.000	-0.688
3	326	2.140	-1.375	-3.515
3.1	315	0.993	2.140	1.146
3.1	316	0.535	-0.458	-0.993
3.1	317	0.076	0.059	-0.018
3.1	318	0.000	-1.910	-1.910
3.1	319	0.458	-0.306	-0.764
3.1	320	0.535	-0.535	-1.070
10	1021	0.153	0.917	0.764
10	1022	-2.292	0.153	2.445
10	1023	0.000	-0.611	-0.611
10	1024	0.076	0.688	0.611
10	1025	0.688	0.382	-0.306
10	1026	2.140	1.681	-0.458
10.1	1015	0.993	-3.362	-4.356
10.1	1016	0.535	0.229	-0.306
10.1	1017	0.076	-0.535	-0.611
10.1	1018	0.000	0.076	0.076
10.1	1019	0.458	-0.917	-1.375
10.1	1020	0.535	0.000	-0.535
30	3021	0.153	-1.910	-2.063
30	3022	-2.292	-0.076	2.216
30	3023	0.000	0.688	0.688
30	3024	0.076	-1.852	-1.928
30	3025	0.688	0.611	-0.076
30	3026	2.140	-0.306	-2.445
30.1	3015	0.993	0.993	0.000
30.1	3016	0.535	-0.076	-0.611
30.1	3017	0.076	-0.535	-0.611
30.1	3018	0.000	0.764	0.764
30.1	3019	0.458	-0.171	-0.629
30.1	3020	0.535	0.764	0.229
50	5021	0.153	-0.306	-0.458
50	5022	-2.292	0.611	2.904
50	5023	0.000	-0.229	-0.229
50	5024	0.076	1.240	1.164
50	5025	0.688	0.823	0.135
50	5026	2.140	0.000	-2.140
50.1	5015	0.993	0.000	-0.993
50.1	5016	0.535	0.764	0.229
50.1	5017	0.076	-1.587	-1.663
50.1	5018	0.000	0.076	0.076
50.1	5019	0.458	0.611	0.153
50.1	5020	0.535	-0.917	-1.452
80	8021	0.153	0.458	0.306
80	8022	-2.292	0.000	2.292
80	8023	0.000	-0.306	-0.306
80	8024	0.076	-0.535	-0.611



	400 __DELTA IADJ	
Test Site		
Tester		
Test Number		
Max Limit	5	uA
Min Limit	-5	uA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-2.427	-0.611	-1.910	-0.306	-0.611	-1.910	-0.917	-3.362	-0.535	-1.587	-2.140	-0.611
Average	-0.647	0.535	-0.474	0.357	-0.156	-0.169	-0.051	-0.751	0.290	-0.175	-0.318	0.061
Max	0.153	1.681	0.688	1.240	0.458	2.140	0.611	0.229	0.993	0.764	0.611	0.611
UL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000



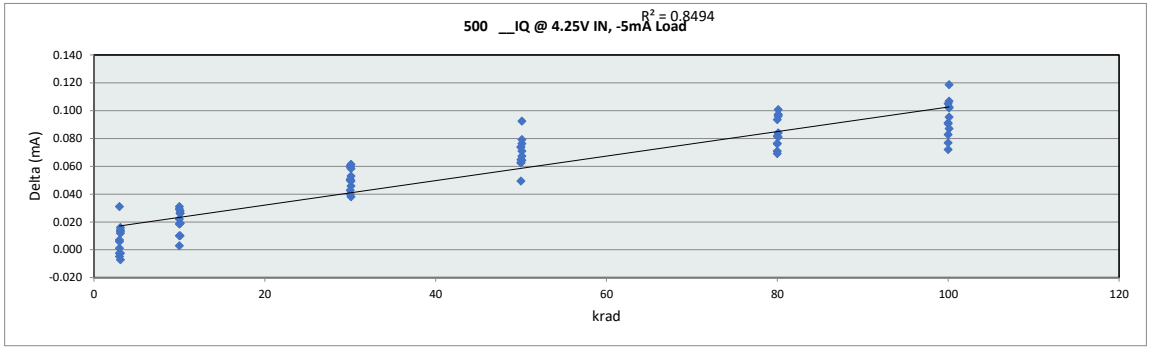
HDR Report
LM117HRLQMLV

80	8025	0.688	-0.611	-1.299
80	8026	2.140	0.059	-2.081
80.1	8015	0.993	-0.688	-1.681
80.1	8016	0.535	0.382	-0.153
80.1	8017	0.076	0.000	-0.076
80.1	8018	0.000	-2.140	-2.140
80.1	8019	0.458	-0.076	-0.535
80.1	8020	0.535	0.611	0.076
100	10015	0.993	-0.917	-1.910
100	10021	0.153	-0.611	-0.764
100	10022	-2.292	0.306	2.598
100	10023	0.000	0.000	0.000
100	10024	0.076	0.306	0.229
100	10025	0.688	0.611	-0.076
100.1	10026	2.140	-0.611	-2.751
100.1	10016	0.535	0.364	-0.171
100.1	10017	0.076	0.382	0.306
100.1	10018	0.000	0.611	0.611
100.1	10019	0.458	-0.382	-0.841
100.1	10020	0.535	0.000	-0.535
	Max	2.140	2.140	2.904
	Average	0.280	-0.125	-0.405
	Min	-2.292	-3.362	-4.356
	Std Dev	0.971	0.918	1.297

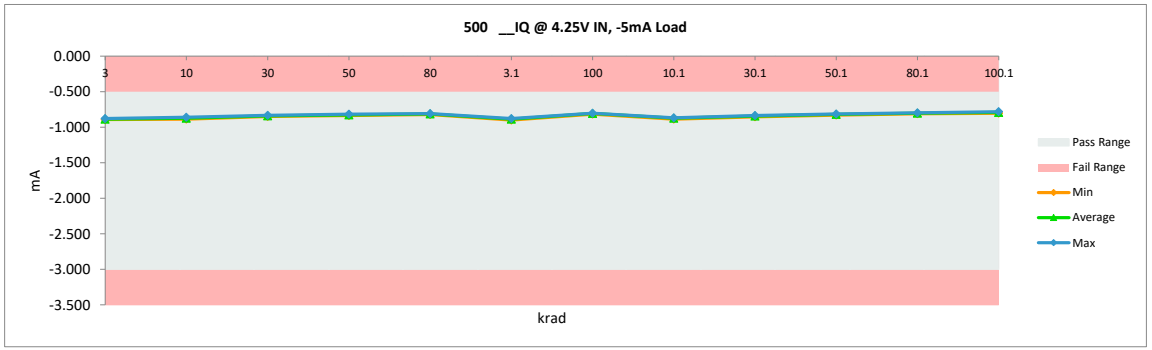
HDR Report
LM117HRLQMLV

	500 __IQ @ 4.25V IN, -5mA Loa	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	-0.5	-0.5
Min Limit	-3	-3

krad	Serial #	PRE	POST	Delta
3	321	-0.878	-0.883	-0.005
3	322	-0.909	-0.878	0.031
3	323	-0.890	-0.883	0.007
3	324	-0.897	-0.891	0.006
3	325	-0.892	-0.891	0.001
3	326	-0.885	-0.887	-0.002
3.1	315	-0.892	-0.899	-0.007
3.1	316	-0.878	-0.880	-0.002
3.1	317	-0.906	-0.893	0.013
3.1	318	-0.906	-0.892	0.014
3.1	319	-0.894	-0.882	0.012
3.1	320	-0.894	-0.878	0.016
10	1021	-0.878	-0.868	0.010
10	1022	-0.909	-0.887	0.022
10	1023	-0.890	-0.859	0.031
10	1024	-0.897	-0.868	0.029
10	1025	-0.892	-0.874	0.019
10	1026	-0.885	-0.882	0.003
10.1	1015	-0.892	-0.873	0.019
10.1	1016	-0.878	-0.868	0.010
10.1	1017	-0.906	-0.878	0.028
10.1	1018	-0.906	-0.887	0.019
10.1	1019	-0.894	-0.868	0.026
10.1	1020	-0.894	-0.868	0.026
30	3021	-0.878	-0.835	0.043
30	3022	-0.909	-0.849	0.060
30	3023	-0.890	-0.840	0.050
30	3024	-0.897	-0.846	0.051
30	3025	-0.892	-0.833	0.060
30	3026	-0.885	-0.845	0.040
30.1	3015	-0.892	-0.846	0.046
30.1	3016	-0.878	-0.840	0.038
30.1	3017	-0.906	-0.845	0.061
30.1	3018	-0.906	-0.853	0.053
30.1	3019	-0.894	-0.845	0.049
30.1	3020	-0.894	-0.836	0.058
50	5021	-0.878	-0.815	0.063
50	5022	-0.909	-0.835	0.074
50	5023	-0.890	-0.825	0.065
50	5024	-0.897	-0.823	0.074
50	5025	-0.892	-0.830	0.063
50	5026	-0.885	-0.835	0.049
50.1	5015	-0.892	-0.825	0.067
50.1	5016	-0.878	-0.814	0.064
50.1	5017	-0.906	-0.814	0.092
50.1	5018	-0.906	-0.830	0.076
50.1	5019	-0.894	-0.823	0.071
50.1	5020	-0.894	-0.815	0.079
80	8021	-0.878	-0.807	0.071
80	8022	-0.909	-0.815	0.094
80	8023	-0.890	-0.814	0.076
80	8024	-0.897	-0.821	0.076



	500 __IQ @ 4.25V											
Test Site												
Tester												
Test Number												
Max Limit	-0.5	mA										
Min Limit	-3	mA										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000
Min	-0.891	-0.887	-0.849	-0.835	-0.821	-0.899	-0.815	-0.887	-0.853	-0.830	-0.810	-0.804
Average	-0.885	-0.873	-0.841	-0.827	-0.814	-0.887	-0.807	-0.874	-0.844	-0.820	-0.802	-0.792
Max	-0.878	-0.859	-0.833	-0.815	-0.807	-0.878	-0.802	-0.868	-0.836	-0.814	-0.797	-0.783
UL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500



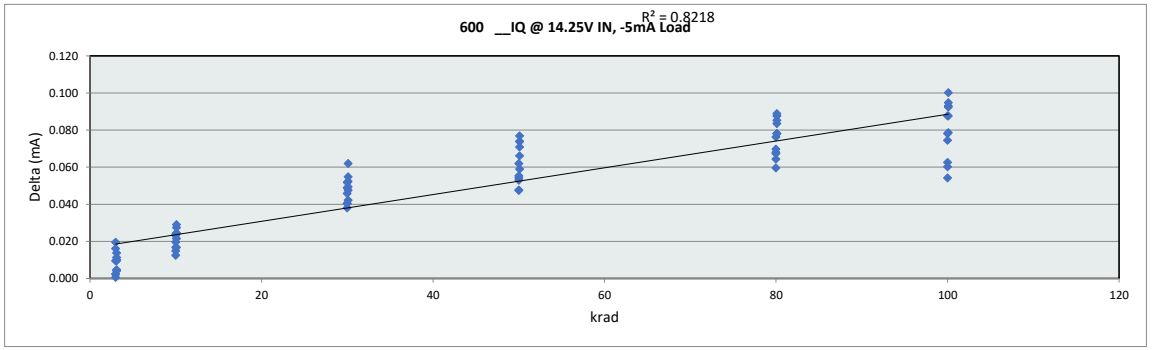
HDR Report
LM117HRLQMLV

80	8025	-0.892	-0.811	0.082
80	8026	-0.885	-0.815	0.069
80.1	8015	-0.892	-0.808	0.084
80.1	8016	-0.878	-0.797	0.081
80.1	8017	-0.906	-0.805	0.101
80.1	8018	-0.906	-0.810	0.096
80.1	8019	-0.894	-0.797	0.097
80.1	8020	-0.894	-0.797	0.097
100	10015	-0.892	-0.802	0.091
100	10021	-0.878	-0.806	0.072
100	10022	-0.909	-0.804	0.105
100	10023	-0.890	-0.807	0.083
100	10024	-0.897	-0.806	0.091
100	10025	-0.892	-0.815	0.077
100.1	10026	-0.885	-0.797	0.087
100.1	10016	-0.878	-0.783	0.095
100.1	10017	-0.906	-0.787	0.119
100.1	10018	-0.906	-0.804	0.102
100.1	10019	-0.894	-0.787	0.107
100.1	10020	-0.894	-0.791	0.103
	Max	-0.878	-0.783	0.119
	Average	-0.893	-0.839	0.055
	Min	-0.909	-0.899	-0.007
	Std Dev	0.010	0.033	0.034

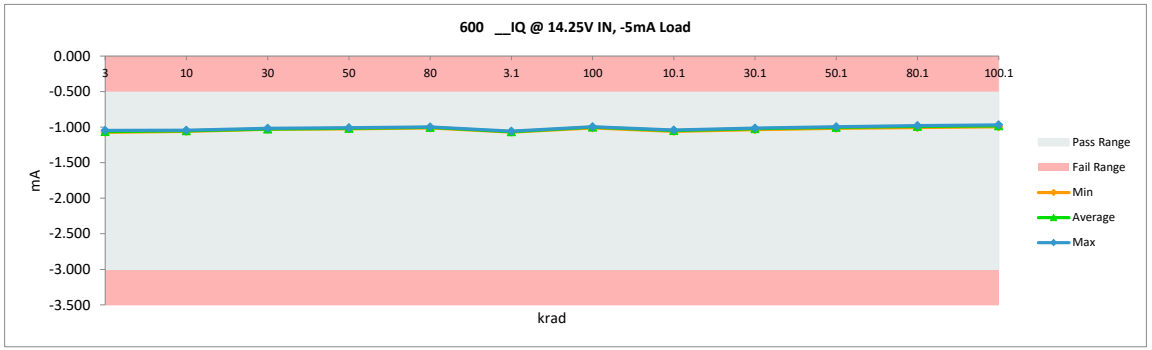
HDR Report
LM117HRLQMLV

	600 __IQ @ 14.25V IN, -5mA Lo	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	-0.5	-0.5
Min Limit	-3	-3

krad	Serial #	PRE	POST	Delta
3	321	-1.066	-1.050	0.016
3	322	-1.082	-1.073	0.010
3	323	-1.064	-1.044	0.020
3	324	-1.071	-1.069	0.002
3	325	-1.065	-1.064	0.001
3	326	-1.071	-1.069	0.002
3.1	315	-1.073	-1.069	0.004
3.1	316	-1.069	-1.059	0.010
3.1	317	-1.082	-1.069	0.014
3.1	318	-1.082	-1.071	0.011
3.1	319	-1.069	-1.064	0.005
3.1	320	-1.066	-1.056	0.010
10	1021	-1.066	-1.043	0.023
10	1022	-1.082	-1.059	0.024
10	1023	-1.064	-1.044	0.020
10	1024	-1.071	-1.059	0.013
10	1025	-1.065	-1.050	0.015
10	1026	-1.071	-1.054	0.017
10.1	1015	-1.073	-1.056	0.017
10.1	1016	-1.069	-1.040	0.029
10.1	1017	-1.082	-1.055	0.027
10.1	1018	-1.082	-1.058	0.024
10.1	1019	-1.069	-1.044	0.024
10.1	1020	-1.066	-1.044	0.022
30	3021	-1.066	-1.017	0.049
30	3022	-1.082	-1.031	0.052
30	3023	-1.064	-1.018	0.046
30	3024	-1.071	-1.031	0.040
30	3025	-1.065	-1.026	0.038
30	3026	-1.071	-1.031	0.040
30.1	3015	-1.073	-1.031	0.042
30.1	3016	-1.069	-1.016	0.052
30.1	3017	-1.082	-1.020	0.062
30.1	3018	-1.082	-1.035	0.048
30.1	3019	-1.069	-1.014	0.055
30.1	3020	-1.066	-1.016	0.049
50	5021	-1.066	-1.012	0.054
50	5022	-1.082	-1.020	0.062
50	5023	-1.064	-1.009	0.055
50	5024	-1.071	-1.023	0.048
50	5025	-1.065	-1.012	0.053
50	5026	-1.071	-1.023	0.048
50.1	5015	-1.073	-1.014	0.059
50.1	5016	-1.069	-0.995	0.074
50.1	5017	-1.082	-1.006	0.077
50.1	5018	-1.082	-1.016	0.066
50.1	5019	-1.069	-0.995	0.074
50.1	5020	-1.066	-0.995	0.071
80	8021	-1.066	-0.996	0.070
80	8022	-1.082	-1.006	0.076
80	8023	-1.064	-0.997	0.067
80	8024	-1.071	-1.007	0.064



	600 __IQ @ 14.25											
Test Site												
Tester												
Test Number												
Max Limit	-0.5	mA										
Min Limit	-3	mA										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000
Min	-1.073	-1.059	-1.031	-1.023	-1.012	-1.071	-1.012	-1.058	-1.035	-1.016	-1.004	-0.995
Average	-1.061	-1.051	-1.026	-1.016	-1.002	-1.065	-1.001	-1.050	-1.022	-1.003	-0.990	-0.982
Max	-1.044	-1.043	-1.017	-1.009	-0.996	-1.056	-0.995	-1.040	-1.014	-0.995	-0.978	-0.968
UL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500



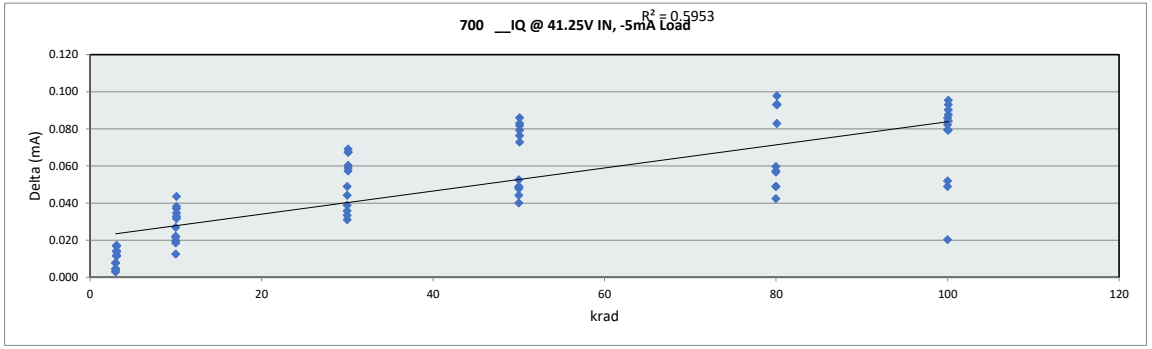
HDR Report
LM117HRLQMLV

80	8025	-1.065	-0.997	0.068
80	8026	-1.071	-1.012	0.060
80.1	8015	-1.073	-0.995	0.078
80.1	8016	-1.069	-0.980	0.089
80.1	8017	-1.082	-1.004	0.078
80.1	8018	-1.082	-0.997	0.085
80.1	8019	-1.069	-0.985	0.083
80.1	8020	-1.066	-0.978	0.088
100	10015	-1.073	-0.995	0.078
100	10021	-1.066	-1.012	0.054
100	10022	-1.082	-0.995	0.088
100	10023	-1.064	-1.001	0.063
100	10024	-1.071	-0.997	0.075
100	10025	-1.065	-1.004	0.060
100.1	10026	-1.071	-0.992	0.079
100.1	10016	-1.069	-0.968	0.100
100.1	10017	-1.082	-0.988	0.095
100.1	10018	-1.082	-0.995	0.088
100.1	10019	-1.069	-0.976	0.093
100.1	10020	-1.066	-0.973	0.092
	Max	-1.064	-0.968	0.100
	Average	-1.072	-1.022	0.049
	Min	-1.082	-1.073	0.001
	Std Dev	0.007	0.028	0.028

HDR Report
LM117HRLQMLV

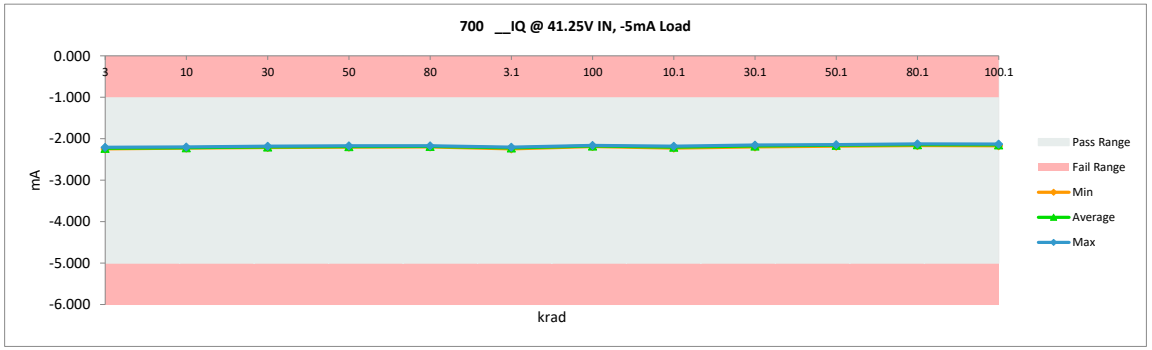
	700 __IQ @ 41.25V IN, -5mA Lo	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	-1	-1
Min Limit	-5	-5

krad	Serial #	PRE	POST	Delta
3	321	-2.229	-2.226	0.003
3	322	-2.247	-2.239	0.008
3	323	-2.211	-2.206	0.004
3	324	-2.248	-2.245	0.003
3	325	-2.227	-2.223	0.005
3	326	-2.247	-2.239	0.008
3.1	315	-2.252	-2.235	0.017
3.1	316	-2.226	-2.214	0.012
3.1	317	-2.247	-2.230	0.017
3.1	318	-2.258	-2.245	0.014
3.1	319	-2.220	-2.209	0.011
3.1	320	-2.218	-2.203	0.014
10	1021	-2.229	-2.209	0.020
10	1022	-2.247	-2.220	0.027
10	1023	-2.211	-2.198	0.013
10	1024	-2.248	-2.226	0.022
10	1025	-2.227	-2.209	0.019
10	1026	-2.247	-2.226	0.022
10.1	1015	-2.252	-2.217	0.035
10.1	1016	-2.226	-2.189	0.037
10.1	1017	-2.247	-2.203	0.044
10.1	1018	-2.258	-2.226	0.033
10.1	1019	-2.220	-2.189	0.032
10.1	1020	-2.218	-2.180	0.038
30	3021	-2.229	-2.180	0.049
30	3022	-2.247	-2.203	0.044
30	3023	-2.211	-2.180	0.031
30	3024	-2.248	-2.209	0.039
30	3025	-2.227	-2.192	0.036
30	3026	-2.247	-2.214	0.033
30.1	3015	-2.252	-2.195	0.057
30.1	3016	-2.226	-2.156	0.069
30.1	3017	-2.247	-2.180	0.068
30.1	3018	-2.258	-2.198	0.060
30.1	3019	-2.220	-2.161	0.059
30.1	3020	-2.218	-2.150	0.067
50	5021	-2.229	-2.180	0.049
50	5022	-2.247	-2.195	0.053
50	5023	-2.211	-2.171	0.040
50	5024	-2.248	-2.203	0.044
50	5025	-2.227	-2.180	0.048
50	5026	-2.247	-2.199	0.048
50.1	5015	-2.252	-2.179	0.073
50.1	5016	-2.226	-2.144	0.082
50.1	5017	-2.247	-2.161	0.086
50.1	5018	-2.258	-2.175	0.083
50.1	5019	-2.220	-2.141	0.079
50.1	5020	-2.218	-2.141	0.076
80	8021	-2.229	-2.180	0.049
80	8022	-2.247	-2.190	0.057
80	8023	-2.211	-2.168	0.042
80	8024	-2.248	-2.199	0.049



	700 __IQ @ 41.25	
Test Site		
Tester		
Test Number		
Max Limit	-1	mA
Min Limit	-5	mA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-2.245	-2.226	-2.214	-2.203	-2.199	-2.245	-2.190	-2.226	-2.198	-2.179	-2.165	-2.168
Average	-2.230	-2.215	-2.196	-2.188	-2.182	-2.223	-2.174	-2.200	-2.173	-2.157	-2.145	-2.148
Max	-2.206	-2.198	-2.180	-2.171	-2.168	-2.203	-2.161	-2.180	-2.150	-2.141	-2.125	-2.130
UL	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000



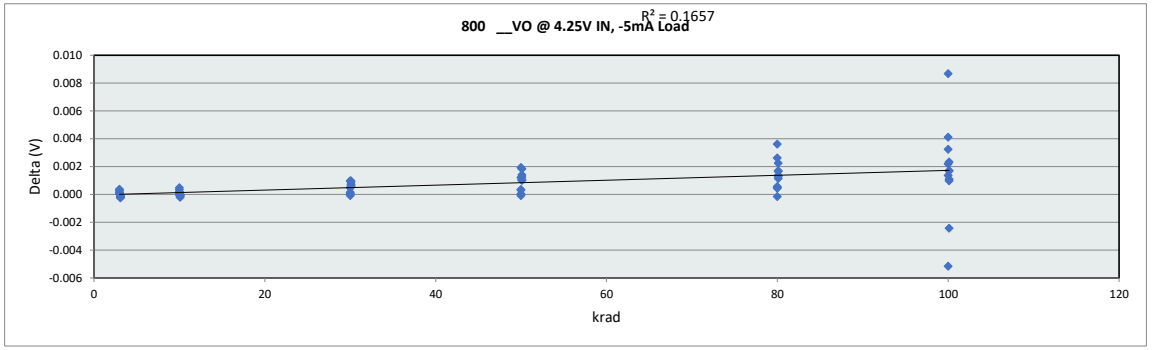
HDR Report
LM117HRLQMLV

80	8025	-2.227	-2.171	0.057
80	8026	-2.247	-2.187	0.060
80.1	8015	-2.252	-2.159	0.093
80.1	8016	-2.226	-2.133	0.093
80.1	8017	-2.247	-2.149	0.098
80.1	8018	-2.258	-2.165	0.093
80.1	8019	-2.220	-2.137	0.083
80.1	8020	-2.218	-2.125	0.093
100	10015	-2.252	-2.172	0.079
100	10021	-2.229	-2.180	0.049
100	10022	-2.247	-2.161	0.086
100	10023	-2.211	-2.190	0.020
100	10024	-2.248	-2.165	0.082
100	10025	-2.227	-2.175	0.052
100.1	10026	-2.247	-2.163	0.084
100.1	10016	-2.226	-2.133	0.093
100.1	10017	-2.247	-2.152	0.095
100.1	10018	-2.258	-2.168	0.090
100.1	10019	-2.220	-2.141	0.079
100.1	10020	-2.218	-2.130	0.088
	Max	-2.211	-2.125	0.098
	Average	-2.236	-2.186	0.050
	Min	-2.258	-2.245	0.003
	Std Dev	0.015	0.031	0.029

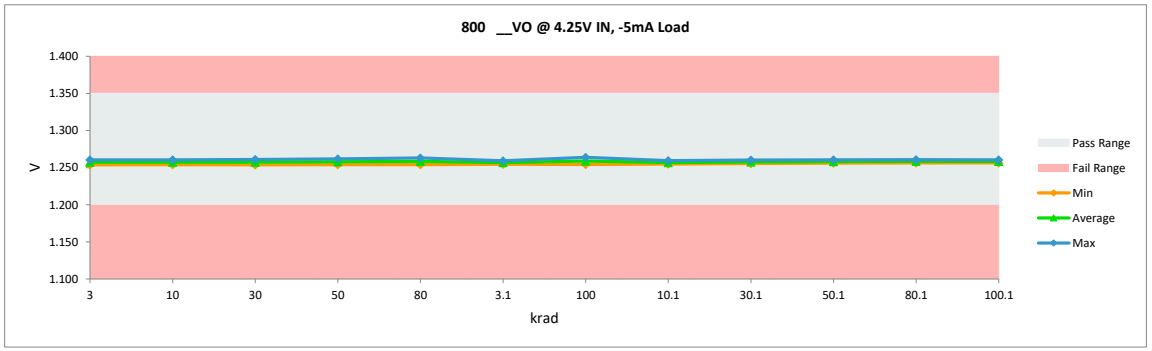
HDR Report
LM117HRLQMLV

	800 __VO @ 4.25V IN, -5mA Loa	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	321	1.258	1.258	0.000
3	322	1.260	1.260	0.000
3	323	1.254	1.254	0.000
3	324	1.256	1.256	0.000
3	325	1.255	1.256	0.000
3	326	1.260	1.261	0.000
3.1	315	1.257	1.257	0.000
3.1	316	1.257	1.257	0.000
3.1	317	1.258	1.257	0.000
3.1	318	1.259	1.259	0.000
3.1	319	1.257	1.257	0.000
3.1	320	1.255	1.255	0.000
10	1021	1.258	1.258	0.000
10	1022	1.260	1.259	0.000
10	1023	1.254	1.254	0.000
10	1024	1.256	1.256	0.000
10	1025	1.255	1.256	0.000
10	1026	1.260	1.261	0.000
10.1	1015	1.257	1.257	0.000
10.1	1016	1.257	1.257	0.000
10.1	1017	1.258	1.258	0.000
10.1	1018	1.259	1.259	0.000
10.1	1019	1.257	1.257	0.000
10.1	1020	1.255	1.255	0.000
30	3021	1.258	1.258	0.000
30	3022	1.260	1.260	0.000
30	3023	1.254	1.254	0.000
30	3024	1.256	1.256	0.000
30	3025	1.255	1.256	0.001
30	3026	1.260	1.261	0.000
30.1	3015	1.257	1.257	0.001
30.1	3016	1.257	1.257	0.001
30.1	3017	1.258	1.259	0.001
30.1	3018	1.259	1.260	0.001
30.1	3019	1.257	1.258	0.001
30.1	3020	1.255	1.255	0.001
50	5021	1.258	1.258	0.000
50	5022	1.260	1.260	0.000
50	5023	1.254	1.254	0.000
50	5024	1.256	1.256	0.000
50	5025	1.255	1.257	0.002
50	5026	1.260	1.262	0.001
50.1	5015	1.257	1.258	0.001
50.1	5016	1.257	1.258	0.001
50.1	5017	1.258	1.259	0.002
50.1	5018	1.259	1.260	0.001
50.1	5019	1.257	1.258	0.001
50.1	5020	1.255	1.256	0.001
80	8021	1.258	1.258	0.000
80	8022	1.260	1.260	0.001
80	8023	1.254	1.254	0.000
80	8024	1.256	1.257	0.001



	800 __VO @ 4.25V											
Test Site												
Tester												
Test Number												
Max Limit	1.35	V										
Min Limit	1.2	V										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.254	1.254	1.254	1.254	1.254	1.255	1.254	1.255	1.255	1.256	1.256	1.256
Average	1.257	1.257	1.257	1.258	1.258	1.257	1.259	1.257	1.258	1.258	1.259	1.259
Max	1.261	1.261	1.261	1.262	1.263	1.259	1.264	1.259	1.260	1.260	1.261	1.260
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



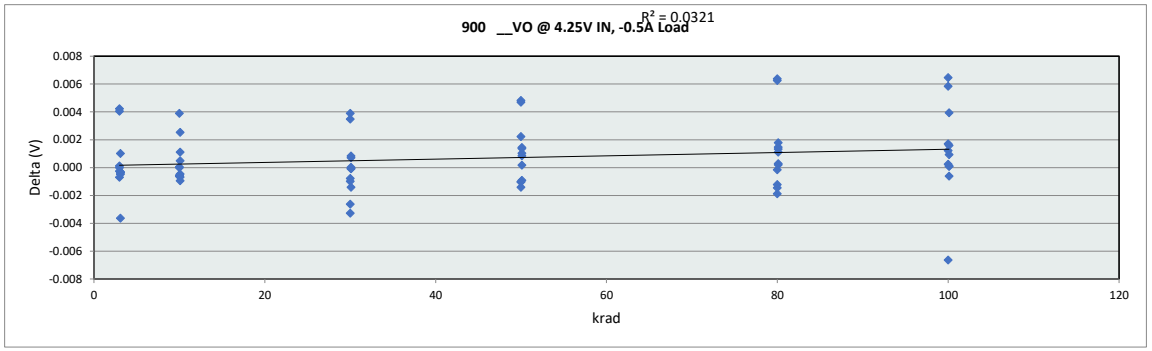
HDR Report
LM117HRLQMLV

80	8025	1.255	1.259	0.004
80	8026	1.260	1.263	0.003
80.1	8015	1.257	1.258	0.001
80.1	8016	1.257	1.258	0.001
80.1	8017	1.258	1.260	0.002
80.1	8018	1.259	1.261	0.001
80.1	8019	1.257	1.258	0.002
80.1	8020	1.255	1.256	0.002
100	10015	1.257	1.258	0.001
100	10021	1.258	1.260	0.002
100	10022	1.260	1.254	-0.005
100	10023	1.254	1.257	0.003
100	10024	1.256	1.260	0.004
100	10025	1.255	1.264	0.009
100.1	10026	1.260	1.258	-0.002
100.1	10016	1.257	1.258	0.001
100.1	10017	1.258	1.260	0.002
100.1	10018	1.259	1.260	0.001
100.1	10019	1.257	1.258	0.002
100.1	10020	1.255	1.256	0.002
	Max	1.260	1.264	0.009
	Average	1.257	1.258	0.001
	Min	1.254	1.254	-0.005
	Std Dev	0.002	0.002	0.002

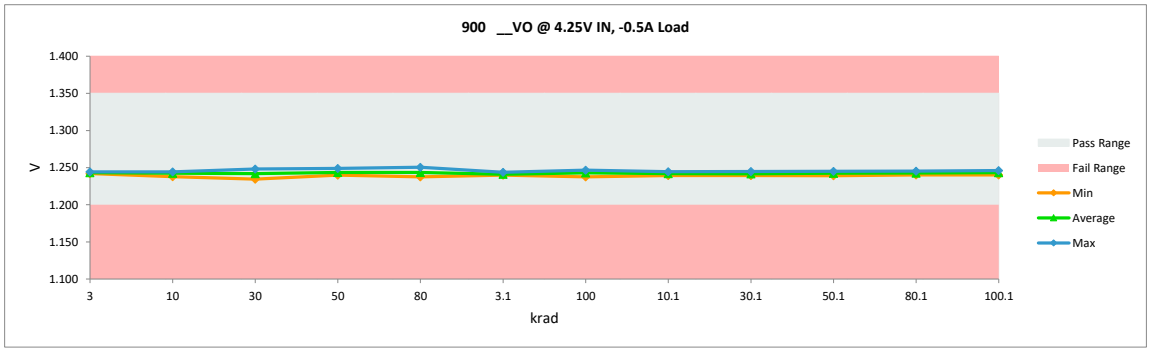
HDR Report
LM117HRLQMLV

	900 __VO @ 4.25V IN, -0.5A Loa	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	321	1.243	1.242	0.000
3	322	1.244	1.244	-0.001
3	323	1.238	1.242	0.004
3	324	1.244	1.244	0.000
3	325	1.240	1.244	0.004
3	326	1.244	1.244	0.000
3.1	315	1.241	1.240	0.000
3.1	316	1.241	1.240	0.000
3.1	317	1.242	1.242	0.000
3.1	318	1.243	1.244	0.001
3.1	319	1.244	1.240	-0.004
3.1	320	1.240	1.240	0.000
10	1021	1.243	1.242	-0.001
10	1022	1.244	1.244	-0.001
10	1023	1.238	1.238	0.000
10	1024	1.244	1.243	-0.001
10	1025	1.240	1.244	0.004
10	1026	1.244	1.244	0.000
10.1	1015	1.241	1.243	0.003
10.1	1016	1.241	1.240	-0.001
10.1	1017	1.242	1.242	0.000
10.1	1018	1.243	1.244	0.001
10.1	1019	1.244	1.245	0.000
10.1	1020	1.240	1.239	-0.001
30	3021	1.243	1.242	-0.001
30	3022	1.244	1.243	-0.001
30	3023	1.238	1.235	-0.003
30	3024	1.244	1.241	-0.003
30	3025	1.240	1.244	0.003
30	3026	1.244	1.248	0.004
30.1	3015	1.241	1.239	-0.001
30.1	3016	1.241	1.241	0.000
30.1	3017	1.242	1.242	0.000
30.1	3018	1.243	1.243	0.001
30.1	3019	1.244	1.245	0.001
30.1	3020	1.240	1.240	0.000
50	5021	1.243	1.242	-0.001
50	5022	1.244	1.243	-0.001
50	5023	1.238	1.240	0.002
50	5024	1.244	1.242	-0.001
50	5025	1.240	1.245	0.005
50	5026	1.244	1.249	0.005
50.1	5015	1.241	1.242	0.001
50.1	5016	1.241	1.241	0.000
50.1	5017	1.242	1.243	0.001
50.1	5018	1.243	1.244	0.001
50.1	5019	1.244	1.245	0.001
50.1	5020	1.240	1.239	-0.001
80	8021	1.243	1.241	-0.001
80	8022	1.244	1.243	-0.001
80	8023	1.238	1.238	0.000
80	8024	1.244	1.242	-0.002



	900 __VO @ 4.25V											
Test Site												
Tester												
Test Number												
Max Limit	1.35	V										
Min Limit	1.2	V										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.242	1.238	1.235	1.240	1.238	1.240	1.238	1.239	1.239	1.239	1.240	1.240
Average	1.243	1.242	1.242	1.244	1.243	1.241	1.243	1.242	1.242	1.242	1.243	1.243
Max	1.244	1.244	1.248	1.249	1.251	1.244	1.247	1.245	1.245	1.245	1.245	1.246
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



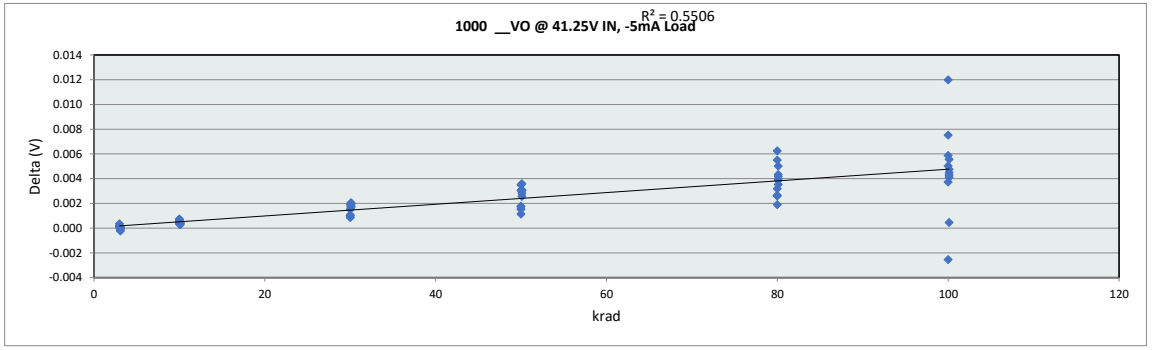
HDR Report
LM117HRLQMLV

80	8025	1.240	1.246	0.006
80	8026	1.244	1.251	0.006
80.1	8015	1.241	1.242	0.001
80.1	8016	1.241	1.241	0.000
80.1	8017	1.242	1.244	0.001
80.1	8018	1.243	1.245	0.002
80.1	8019	1.244	1.245	0.001
80.1	8020	1.240	1.240	0.000
100	10015	1.241	1.241	0.000
100	10021	1.243	1.244	0.001
100	10022	1.244	1.238	-0.007
100	10023	1.238	1.244	0.006
100	10024	1.244	1.245	0.002
100	10025	1.240	1.247	0.006
100.1	10026	1.244	1.244	-0.001
100.1	10016	1.241	1.241	0.000
100.1	10017	1.242	1.246	0.004
100.1	10018	1.243	1.244	0.002
100.1	10019	1.244	1.245	0.001
100.1	10020	1.240	1.240	0.000
	Max	1.244	1.251	0.006
	Average	1.242	1.243	0.001
	Min	1.238	1.235	-0.007
	Std Dev	0.002	0.003	0.002

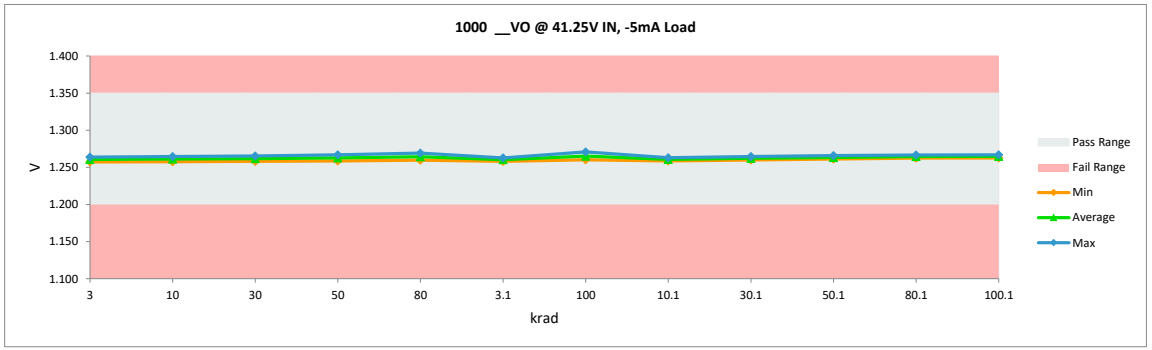
HDR Report
LM117HRLQMLV

	1000 __VO @ 41.25V IN, -5mA L	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	321	1.261	1.262	0.000
3	322	1.263	1.263	0.000
3	323	1.257	1.257	0.000
3	324	1.260	1.260	0.000
3	325	1.259	1.259	0.000
3	326	1.264	1.264	0.000
3.1	315	1.260	1.260	0.000
3.1	316	1.260	1.260	0.000
3.1	317	1.261	1.261	0.000
3.1	318	1.263	1.263	0.000
3.1	319	1.260	1.260	0.000
3.1	320	1.258	1.258	0.000
10	1021	1.261	1.262	0.000
10	1022	1.263	1.263	0.001
10	1023	1.257	1.258	0.001
10	1024	1.260	1.260	0.000
10	1025	1.259	1.259	0.001
10	1026	1.264	1.264	0.001
10.1	1015	1.260	1.260	0.000
10.1	1016	1.260	1.260	0.000
10.1	1017	1.261	1.261	0.000
10.1	1018	1.263	1.263	0.000
10.1	1019	1.260	1.261	0.001
10.1	1020	1.258	1.258	0.000
30	3021	1.261	1.262	0.001
30	3022	1.263	1.264	0.001
30	3023	1.257	1.258	0.001
30	3024	1.260	1.260	0.001
30	3025	1.259	1.261	0.002
30	3026	1.264	1.265	0.002
30.1	3015	1.260	1.262	0.002
30.1	3016	1.260	1.262	0.002
30.1	3017	1.261	1.263	0.002
30.1	3018	1.263	1.265	0.002
30.1	3019	1.260	1.262	0.002
30.1	3020	1.258	1.260	0.002
50	5021	1.261	1.262	0.001
50	5022	1.263	1.264	0.002
50	5023	1.257	1.259	0.002
50	5024	1.260	1.261	0.002
50	5025	1.259	1.262	0.003
50	5026	1.264	1.267	0.003
50.1	5015	1.260	1.263	0.003
50.1	5016	1.260	1.263	0.003
50.1	5017	1.261	1.265	0.004
50.1	5018	1.263	1.266	0.003
50.1	5019	1.260	1.263	0.003
50.1	5020	1.258	1.261	0.003
80	8021	1.261	1.263	0.002
80	8022	1.263	1.266	0.003
80	8023	1.257	1.260	0.003
80	8024	1.260	1.262	0.003



	1000 __VO @ 41.25											
Test Site												
Tester												
Test Number												
Max Limit	1.35	V										
Min Limit	1.2	V										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.257	1.258	1.258	1.259	1.260	1.258	1.260	1.258	1.260	1.261	1.262	1.263
Average	1.261	1.261	1.262	1.263	1.264	1.260	1.265	1.261	1.262	1.263	1.264	1.265
Max	1.264	1.264	1.265	1.267	1.269	1.263	1.271	1.263	1.265	1.266	1.267	1.267
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



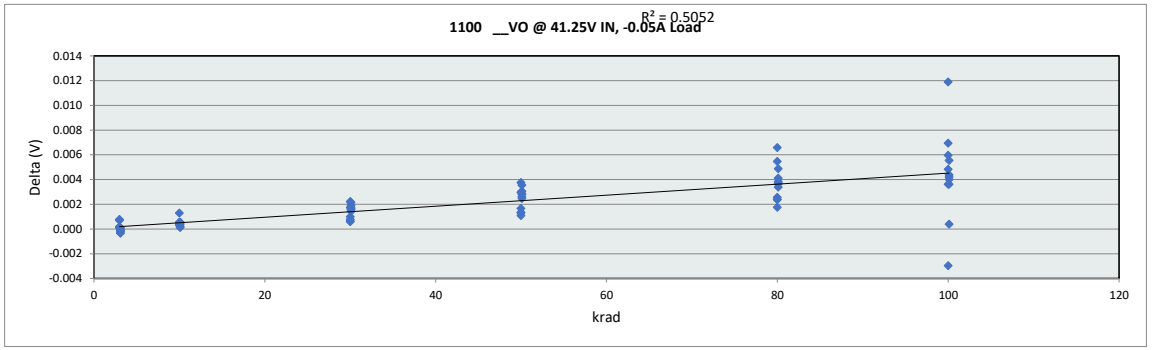
HDR Report
LM117HRLQMLV

80	8025	1.259	1.265	0.006
80	8026	1.264	1.269	0.005
80.1	8015	1.260	1.264	0.004
80.1	8016	1.260	1.264	0.004
80.1	8017	1.261	1.266	0.005
80.1	8018	1.263	1.267	0.004
80.1	8019	1.260	1.264	0.004
80.1	8020	1.258	1.262	0.004
100	10015	1.260	1.264	0.004
100	10021	1.261	1.266	0.005
100	10022	1.263	1.260	-0.003
100	10023	1.257	1.263	0.006
100	10024	1.260	1.267	0.008
100	10025	1.259	1.271	0.012
100.1	10026	1.264	1.264	0.000
100.1	10016	1.260	1.264	0.004
100.1	10017	1.261	1.267	0.006
100.1	10018	1.263	1.267	0.004
100.1	10019	1.260	1.265	0.005
100.1	10020	1.258	1.263	0.004
	Max	1.264	1.271	0.012
	Average	1.260	1.263	0.002
	Min	1.257	1.257	-0.003
	Std Dev	0.002	0.003	0.002

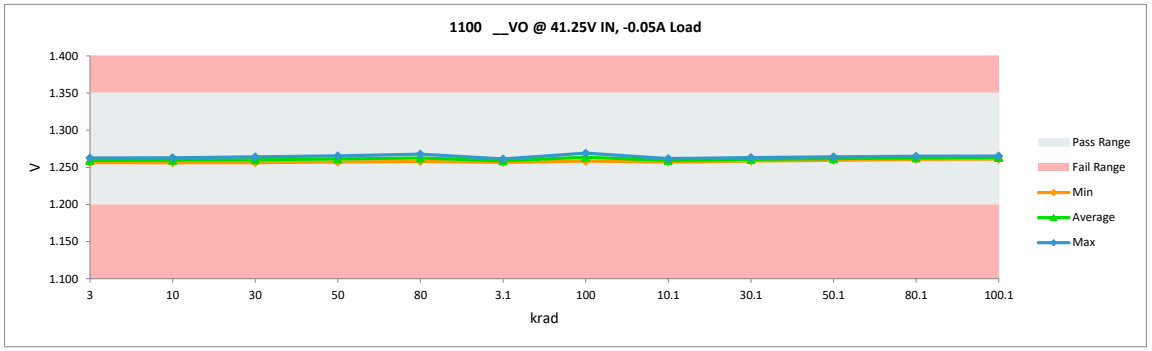
HDR Report
LM117HRLQMLV

	1100 __VO @ 41.25V IN, -0.05A	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	321	1.260	1.260	0.000
3	322	1.261	1.262	0.000
3	323	1.256	1.256	0.001
3	324	1.258	1.259	0.000
3	325	1.257	1.258	0.001
3	326	1.262	1.262	0.000
3.1	315	1.259	1.258	0.000
3.1	316	1.259	1.258	0.000
3.1	317	1.260	1.259	0.000
3.1	318	1.261	1.261	0.000
3.1	319	1.259	1.259	0.000
3.1	320	1.257	1.257	0.000
10	1021	1.260	1.260	0.000
10	1022	1.261	1.262	0.000
10	1023	1.256	1.256	0.001
10	1024	1.258	1.259	0.000
10	1025	1.257	1.258	0.001
10	1026	1.262	1.263	0.001
10.1	1015	1.259	1.259	0.001
10.1	1016	1.259	1.259	0.000
10.1	1017	1.260	1.260	0.000
10.1	1018	1.261	1.262	0.000
10.1	1019	1.259	1.259	0.001
10.1	1020	1.257	1.257	0.000
30	3021	1.260	1.261	0.001
30	3022	1.261	1.262	0.001
30	3023	1.256	1.256	0.001
30	3024	1.258	1.259	0.001
30	3025	1.257	1.259	0.002
30	3026	1.262	1.264	0.002
30.1	3015	1.259	1.260	0.002
30.1	3016	1.259	1.260	0.001
30.1	3017	1.260	1.262	0.002
30.1	3018	1.261	1.263	0.002
30.1	3019	1.259	1.261	0.002
30.1	3020	1.257	1.258	0.002
50	5021	1.260	1.261	0.001
50	5022	1.261	1.263	0.001
50	5023	1.256	1.257	0.002
50	5024	1.258	1.260	0.001
50	5025	1.257	1.261	0.004
50	5026	1.262	1.265	0.003
50.1	5015	1.259	1.261	0.003
50.1	5016	1.259	1.261	0.002
50.1	5017	1.260	1.263	0.004
50.1	5018	1.261	1.264	0.003
50.1	5019	1.259	1.262	0.003
50.1	5020	1.257	1.259	0.003
80	8021	1.260	1.262	0.002
80	8022	1.261	1.264	0.003
80	8023	1.256	1.258	0.002
80	8024	1.258	1.261	0.002



	1100 __VO @ 41.2											
Test Site												
Tester												
Test Number												
Max Limit	1.35	V										
Min Limit	1.2	V										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.256	1.256	1.256	1.257	1.258	1.257	1.258	1.257	1.258	1.259	1.261	1.261
Average	1.259	1.260	1.260	1.261	1.263	1.259	1.264	1.259	1.261	1.262	1.263	1.263
Max	1.262	1.263	1.264	1.265	1.268	1.261	1.269	1.262	1.263	1.264	1.265	1.265
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



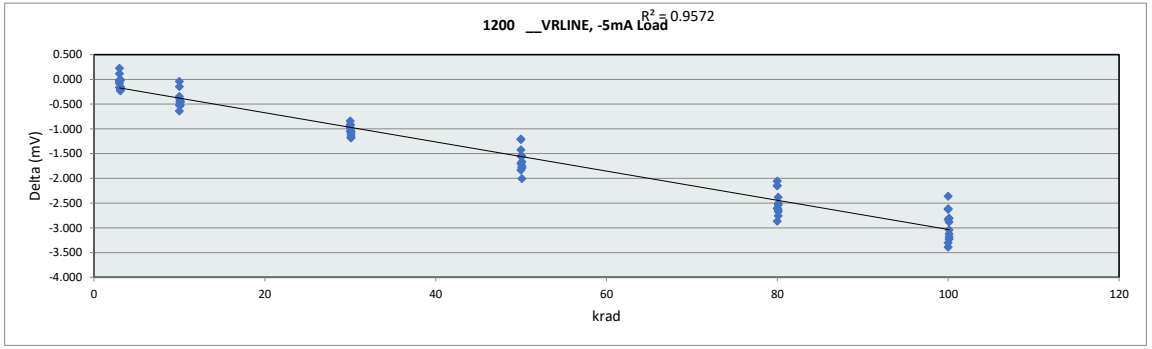
HDR Report
LM117HRLQMLV

80	8025	1.257	1.264	0.007
80	8026	1.262	1.268	0.005
80.1	8015	1.259	1.262	0.004
80.1	8016	1.259	1.262	0.003
80.1	8017	1.260	1.264	0.005
80.1	8018	1.261	1.265	0.004
80.1	8019	1.259	1.263	0.004
80.1	8020	1.257	1.261	0.004
100	10015	1.259	1.262	0.004
100	10021	1.260	1.265	0.005
100	10022	1.261	1.258	-0.003
100	10023	1.256	1.262	0.006
100	10024	1.258	1.265	0.007
100	10025	1.257	1.269	0.012
100.1	10026	1.262	1.263	0.000
100.1	10016	1.259	1.262	0.004
100.1	10017	1.260	1.265	0.006
100.1	10018	1.261	1.265	0.004
100.1	10019	1.259	1.263	0.004
100.1	10020	1.257	1.261	0.004
	Max	1.262	1.269	0.012
	Average	1.259	1.261	0.002
	Min	1.256	1.256	-0.003
	Std Dev	0.002	0.003	0.002

HDR Report
LM117HRLQMLV

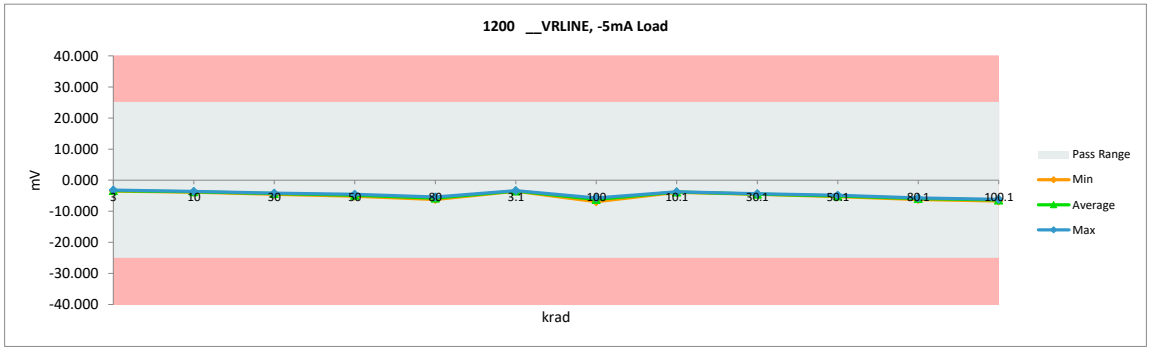
	1200 __VRLINE, -5mA Load	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	25	25
Min Limit	-25	-25

krad	Serial #	PRE	POST	Delta
3	321	-3.347	-3.510	-0.162
3	322	-3.178	-3.197	-0.019
3	323	-3.319	-3.395	-0.076
3	324	-3.471	-3.510	-0.038
3	325	-3.624	-3.395	0.229
3	326	-3.352	-3.237	0.115
3.1	315	-3.357	-3.508	-0.151
3.1	316	-3.357	-3.555	-0.198
3.1	317	-3.484	-3.490	-0.007
3.1	318	-3.263	-3.427	-0.163
3.1	319	-3.213	-3.443	-0.230
3.1	320	-3.366	-3.386	-0.019
10	1021	-3.347	-3.692	-0.344
10	1022	-3.178	-3.818	-0.640
10	1023	-3.319	-3.700	-0.381
10	1024	-3.471	-3.615	-0.144
10	1025	-3.624	-3.663	-0.039
10	1026	-3.352	-3.875	-0.523
10.1	1015	-3.357	-3.880	-0.523
10.1	1016	-3.357	-3.813	-0.456
10.1	1017	-3.484	-3.938	-0.454
10.1	1018	-3.263	-3.723	-0.460
10.1	1019	-3.213	-3.739	-0.526
10.1	1020	-3.366	-3.795	-0.428
30	3021	-3.347	-4.274	-0.927
30	3022	-3.178	-4.162	-0.984
30	3023	-3.319	-4.233	-0.915
30	3024	-3.471	-4.310	-0.838
30	3025	-3.624	-4.549	-0.925
30	3026	-3.352	-4.401	-1.049
30.1	3015	-3.357	-4.539	-1.183
30.1	3016	-3.357	-4.473	-1.116
30.1	3017	-3.484	-4.525	-1.041
30.1	3018	-3.263	-4.439	-1.176
30.1	3019	-3.213	-4.379	-1.166
30.1	3020	-3.366	-4.437	-1.071
50	5021	-3.347	-4.552	-1.204
50	5022	-3.178	-4.876	-1.698
50	5023	-3.319	-4.740	-1.421
50	5024	-3.471	-4.683	-1.212
50	5025	-3.624	-5.179	-1.555
50	5026	-3.352	-5.184	-1.832
50.1	5015	-3.357	-5.144	-1.787
50.1	5016	-3.357	-4.906	-1.549
50.1	5017	-3.484	-5.230	-1.746
50.1	5018	-3.263	-5.269	-2.006
50.1	5019	-3.213	-4.877	-1.664
50.1	5020	-3.366	-5.149	-1.782
80	8021	-3.347	-5.402	-2.054
80	8022	-3.178	-5.782	-2.604
80	8023	-3.319	-5.466	-2.148
80	8024	-3.471	-5.617	-2.146



	1200 __VRLINE, -5	
Test Site		
Tester		
Test Number		
Max Limit	25	mV
Min Limit	-25	mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000
Min	-3.510	-3.875	-4.549	-5.184	-6.234	-3.555	-6.924	-3.938	-4.539	-5.269	-6.241	-6.708
Average	-3.374	-3.727	-4.322	-4.869	-5.787	-3.468	-6.235	-3.815	-4.466	-5.096	-5.920	-6.381
Max	-3.197	-3.615	-4.162	-4.552	-5.402	-3.386	-5.717	-3.723	-4.379	-4.877	-5.736	-6.171
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000



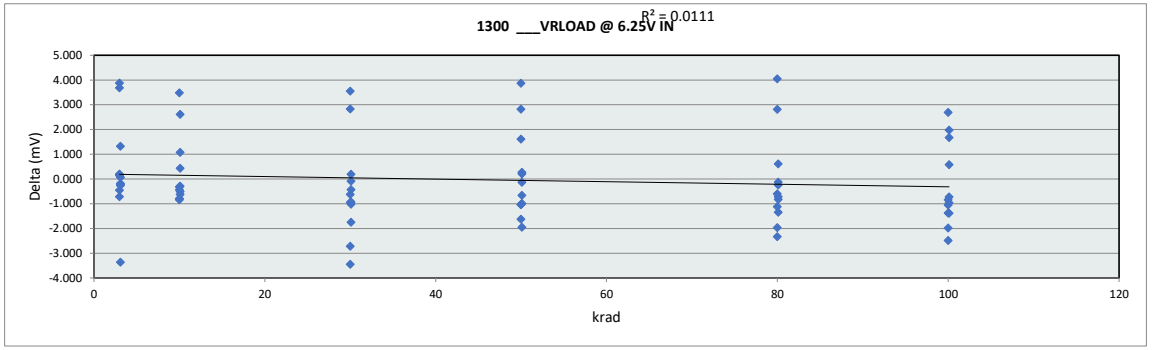
HDR Report
LM117HRLQMLV

80	8025	-3.624	-6.234	-2.610
80	8026	-3.352	-6.219	-2.867
80.1	8015	-3.357	-5.861	-2.504
80.1	8016	-3.357	-5.736	-2.379
80.1	8017	-3.484	-6.241	-2.757
80.1	8018	-3.263	-5.937	-2.673
80.1	8019	-3.213	-5.841	-2.628
80.1	8020	-3.366	-5.903	-2.537
100	10015	-3.357	-5.717	-2.360
100	10021	-3.347	-6.176	-2.829
100	10022	-3.178	-5.790	-2.612
100	10023	-3.319	-5.944	-2.625
100	10024	-3.471	-6.862	-3.390
100	10025	-3.624	-6.924	-3.300
100.1	10026	-3.352	-6.231	-2.879
100.1	10016	-3.357	-6.480	-3.123
100.1	10017	-3.484	-6.708	-3.224
100.1	10018	-3.263	-6.444	-3.181
100.1	10019	-3.213	-6.252	-3.039
100.1	10020	-3.366	-6.171	-2.805
	Max	-3.178	-3.197	0.229
	Average	-3.361	-4.788	-1.427
	Min	-3.624	-6.924	-3.390
	Std Dev	0.118	1.076	1.072

HDR Report
LM117HRLQMLV

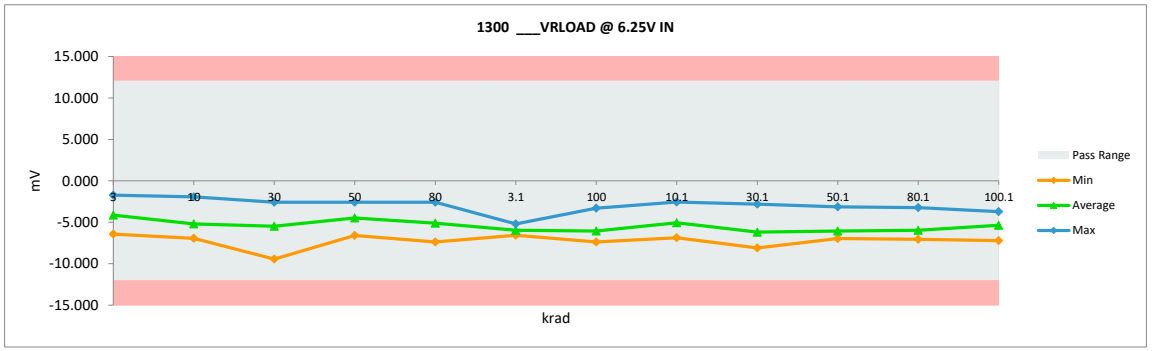
	1300 ___VRLOAD @ 6.25V IN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	12	12
Min Limit	-12	-12

krad	Serial #	PRE	POST	Delta
3	321	-5.566	-6.014	-0.448
3	322	-5.412	-6.129	-0.717
3	323	-6.003	-2.123	3.880
3	324	-2.544	-2.400	0.144
3	325	-5.415	-1.731	3.684
3	326	-6.633	-6.433	0.200
3.1	315	-6.350	-6.567	-0.217
3.1	316	-6.242	-6.175	0.067
3.1	317	-5.652	-5.910	-0.258
3.1	318	-6.854	-5.528	1.327
3.1	319	-3.000	-6.356	-3.357
3.1	320	-5.023	-5.204	-0.181
10	1021	-5.566	-6.358	-0.793
10	1022	-5.412	-6.215	-0.803
10	1023	-6.003	-6.436	-0.433
10	1024	-2.544	-3.384	-0.840
10	1025	-5.415	-1.931	3.484
10	1026	-6.633	-6.949	-0.316
10.1	1015	-6.350	-3.736	2.614
10.1	1016	-6.242	-6.863	-0.621
10.1	1017	-5.652	-6.155	-0.504
10.1	1018	-6.854	-5.777	1.078
10.1	1019	-3.000	-2.563	0.437
10.1	1020	-5.023	-5.310	-0.287
30	3021	-5.566	-6.509	-0.943
30	3022	-5.412	-6.034	-0.622
30	3023	-6.003	-9.448	-3.446
30	3024	-2.544	-5.260	-2.716
30	3025	-5.415	-2.581	2.834
30	3026	-6.633	-3.079	3.554
30.1	3015	-6.350	-8.093	-1.743
30.1	3016	-6.242	-6.672	-0.430
30.1	3017	-5.652	-6.665	-1.014
30.1	3018	-6.854	-6.939	-0.085
30.1	3019	-3.000	-2.809	0.191
30.1	3020	-5.023	-5.947	-0.924
50	5021	-5.566	-6.595	-1.029
50	5022	-5.412	-6.445	-1.033
50	5023	-6.003	-4.392	1.611
50	5024	-2.544	-4.163	-1.619
50	5025	-5.415	-2.588	2.827
50	5026	-6.633	-2.763	3.870
50.1	5015	-6.350	-6.082	0.268
50.1	5016	-6.242	-6.901	-0.659
50.1	5017	-5.652	-6.636	-0.984
50.1	5018	-6.854	-6.644	0.211
50.1	5019	-3.000	-3.133	-0.134
50.1	5020	-5.023	-6.971	-1.947
80	8021	-5.566	-6.682	-1.116
80	8022	-5.412	-7.379	-1.966
80	8023	-6.003	-6.598	-0.595
80	8024	-2.544	-4.870	-2.326



	1300 ___VRLOAD @
Test Site	
Tester	
Test Number	
Max Limit	12 mV
Min Limit	-12 mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000
Min	-6.433	-6.949	-9.448	-6.595	-7.379	-6.567	-7.391	-6.863	-8.093	-6.971	-7.064	-7.207
Average	-4.138	-5.212	-5.485	-4.491	-5.119	-5.957	-6.053	-5.067	-6.188	-6.061	-5.959	-5.372
Max	-1.731	-1.931	-2.581	-2.588	-2.584	-5.204	-3.313	-2.563	-2.809	-3.133	-3.239	-3.724
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



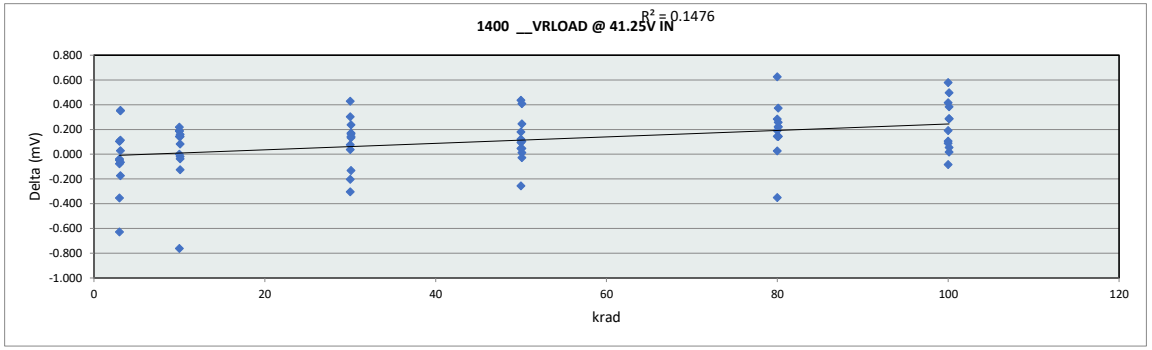
HDR Report
LM117HRLQMLV

80	8025	-5.415	-2.600	2.815
80	8026	-6.633	-2.584	4.049
80.1	8015	-6.350	-6.474	-0.124
80.1	8016	-6.242	-7.064	-0.822
80.1	8017	-5.652	-6.366	-0.714
80.1	8018	-6.854	-6.245	0.609
80.1	8019	-3.000	-3.239	-0.239
80.1	8020	-5.023	-6.368	-1.345
100	10015	-6.350	-7.188	-0.838
100	10021	-5.566	-6.614	-1.048
100	10022	-5.412	-6.788	-1.376
100	10023	-6.003	-3.313	2.689
100	10024	-2.544	-5.023	-2.480
100	10025	-5.415	-7.391	-1.976
100.1	10026	-6.633	-4.650	1.983
100.1	10016	-6.242	-7.207	-0.965
100.1	10017	-5.652	-3.974	1.678
100.1	10018	-6.854	-6.273	0.581
100.1	10019	-3.000	-3.724	-0.725
100.1	10020	-5.023	-6.404	-1.381
	Max	-2.544	-1.731	4.049
	Average	-5.391	-5.425	-0.034
	Min	-6.854	-9.448	-3.446
	Std Dev	1.292	1.750	1.752

HDR Report
LM117HRLQMLV

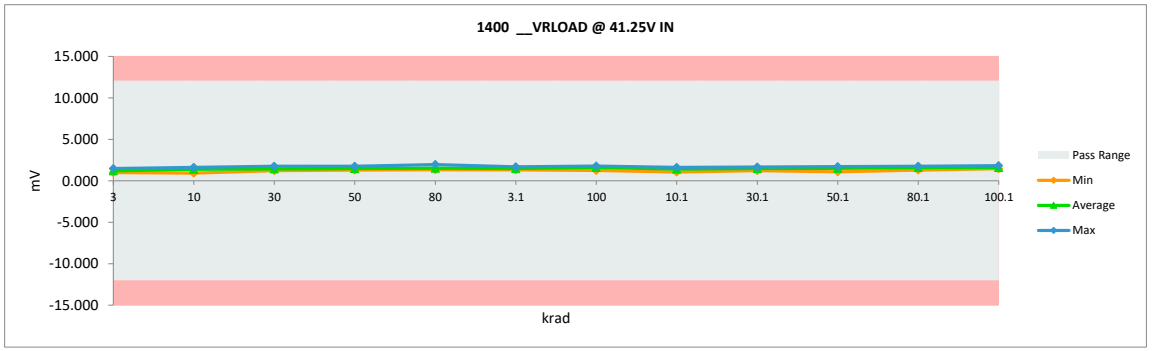
	1400 __VRLOAD @ 41.25V IN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	12	12
Min Limit	-12	-12

krad	Serial #	PRE	POST	Delta
3	321	1.374	1.478	0.104
3	322	1.328	1.281	-0.048
3	323	1.335	0.982	-0.353
3	324	1.108	1.070	-0.038
3	325	1.686	1.059	-0.628
3	326	1.424	1.347	-0.077
3.1	315	1.527	1.641	0.114
3.1	316	1.336	1.687	0.351
3.1	317	1.527	1.354	-0.173
3.1	318	1.431	1.367	-0.065
3.1	319	1.077	1.431	0.355
3.1	320	1.297	1.326	0.029
10	1021	1.374	1.517	0.143
10	1022	1.328	1.548	0.219
10	1023	1.335	1.524	0.189
10	1024	1.108	1.109	0.001
10	1025	1.686	0.925	-0.761
10	1026	1.424	1.613	0.189
10.1	1015	1.527	1.402	-0.125
10.1	1016	1.336	1.479	0.143
10.1	1017	1.527	1.610	0.083
10.1	1018	1.431	1.395	-0.036
10.1	1019	1.077	1.059	-0.018
10.1	1020	1.297	1.458	0.161
30	3021	1.374	1.451	0.076
30	3022	1.328	1.367	0.038
30	3023	1.335	1.763	0.428
30	3024	1.108	1.411	0.303
30	3025	1.686	1.383	-0.303
30	3026	1.424	1.221	-0.203
30.1	3015	1.527	1.660	0.134
30.1	3016	1.336	1.575	0.238
30.1	3017	1.527	1.395	-0.132
30.1	3018	1.431	1.603	0.172
30.1	3019	1.077	1.221	0.144
30.1	3020	1.297	1.462	0.165
50	5021	1.374	1.422	0.048
50	5022	1.328	1.765	0.437
50	5023	1.335	1.457	0.122
50	5024	1.108	1.288	0.180
50	5025	1.686	1.431	-0.255
50	5026	1.424	1.519	0.095
50.1	5015	1.527	1.500	-0.027
50.1	5016	1.336	1.441	0.105
50.1	5017	1.527	1.575	0.048
50.1	5018	1.431	1.678	0.246
50.1	5019	1.077	1.090	0.013
50.1	5020	1.297	1.706	0.409
80	8021	1.374	1.519	0.145
80	8022	1.328	1.954	0.626
80	8023	1.335	1.527	0.192
80	8024	1.108	1.393	0.285



	1400 __VRLOAD @	
Test Site		
Tester		
Test Number		
Max Limit	12	mV
Min Limit	-12	mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000
Min	0.982	0.925	1.221	1.288	1.336	1.326	1.252	1.059	1.221	1.090	1.297	1.460
Average	1.203	1.373	1.433	1.481	1.530	1.468	1.610	1.400	1.486	1.498	1.593	1.603
Max	1.478	1.613	1.763	1.765	1.954	1.687	1.776	1.610	1.660	1.706	1.749	1.833
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



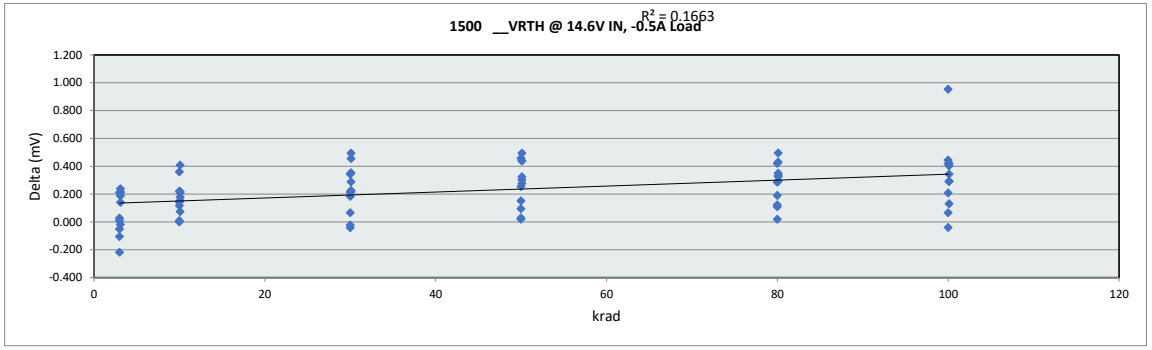
HDR Report
LM117HRLQMLV

80	8025	1.686	1.336	-0.350
80	8026	1.424	1.451	0.027
80.1	8015	1.527	1.749	0.222
80.1	8016	1.336	1.481	0.145
80.1	8017	1.527	1.670	0.143
80.1	8018	1.431	1.689	0.257
80.1	8019	1.077	1.297	0.220
80.1	8020	1.297	1.670	0.373
100	10015	1.527	1.634	0.107
100	10021	1.374	1.565	0.191
100	10022	1.328	1.744	0.416
100	10023	1.335	1.252	-0.083
100	10024	1.108	1.687	0.579
100	10025	1.686	1.776	0.090
100.1	10026	1.424	1.479	0.055
100.1	10016	1.336	1.833	0.497
100.1	10017	1.527	1.545	0.018
100.1	10018	1.431	1.718	0.286
100.1	10019	1.077	1.460	0.383
100.1	10020	1.297	1.584	0.287
	Max	1.686	1.954	0.626
	Average	1.371	1.473	0.102
	Min	1.077	0.925	-0.761
	Std Dev	0.164	0.209	0.242

HDR Report
LM117HRLQMLV

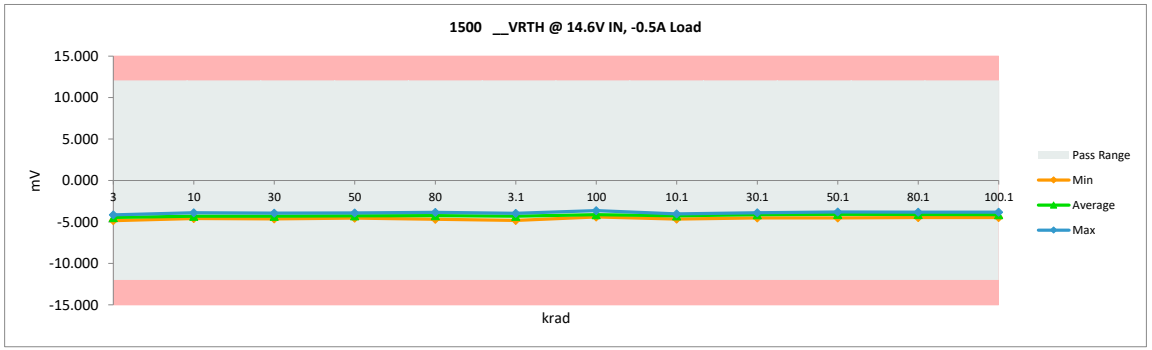
	1500 __VRTH @ 14.6V IN, -0.5A	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	12	12
Min Limit	-12	-12

krad	Serial #	PRE	POST	Delta
3	321	-4.360	-4.149	0.211
3	322	-4.511	-4.728	-0.217
3	323	-4.795	-4.846	-0.051
3	324	-4.587	-4.578	0.010
3	325	-4.121	-4.226	-0.105
3	326	-4.252	-4.225	0.028
3.1	315	-4.386	-4.169	0.216
3.1	316	-4.807	-4.568	0.238
3.1	317	-4.109	-3.968	0.141
3.1	318	-4.246	-4.035	0.211
3.1	319	-4.424	-4.236	0.188
3.1	320	-4.800	-4.817	-0.017
10	1021	-4.360	-4.243	0.117
10	1022	-4.511	-4.511	0.000
10	1023	-4.795	-4.435	0.360
10	1024	-4.587	-4.578	0.010
10	1025	-4.121	-3.900	0.221
10	1026	-4.252	-4.109	0.143
10.1	1015	-4.386	-4.168	0.218
10.1	1016	-4.807	-4.398	0.408
10.1	1017	-4.109	-4.035	0.074
10.1	1018	-4.246	-4.035	0.211
10.1	1019	-4.424	-4.244	0.180
10.1	1020	-4.800	-4.644	0.155
30	3021	-4.360	-4.016	0.344
30	3022	-4.511	-4.444	0.067
30	3023	-4.795	-4.580	0.215
30	3024	-4.587	-4.628	-0.041
30	3025	-4.121	-3.938	0.183
30	3026	-4.252	-4.274	-0.022
30.1	3015	-4.386	-3.892	0.494
30.1	3016	-4.807	-4.351	0.456
30.1	3017	-4.109	-3.892	0.217
30.1	3018	-4.246	-3.892	0.354
30.1	3019	-4.424	-4.198	0.226
30.1	3020	-4.800	-4.511	0.289
50	5021	-4.360	-3.901	0.459
50	5022	-4.511	-4.492	0.019
50	5023	-4.795	-4.539	0.256
50	5024	-4.587	-4.492	0.095
50	5025	-4.121	-3.968	0.153
50	5026	-4.252	-4.224	0.029
50.1	5015	-4.386	-3.892	0.494
50.1	5016	-4.807	-4.368	0.439
50.1	5017	-4.109	-3.806	0.303
50.1	5018	-4.246	-3.806	0.440
50.1	5019	-4.424	-4.100	0.324
50.1	5020	-4.800	-4.522	0.278
80	8021	-4.360	-3.940	0.421
80	8022	-4.511	-4.492	0.019
80	8023	-4.795	-4.685	0.110
80	8024	-4.587	-4.396	0.191



	1500 __VRTH @ 14	
Test Site		
Tester		
Test Number		
Max Limit	12	mV
Min Limit	-12	mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000
Min	-4.846	-4.578	-4.628	-4.539	-4.685	-4.817	-4.399	-4.644	-4.511	-4.522	-4.475	-4.463
Average	-4.459	-4.296	-4.313	-4.269	-4.246	-4.299	-4.118	-4.254	-4.123	-4.082	-4.090	-4.126
Max	-4.149	-3.900	-3.938	-3.901	-3.835	-3.968	-3.633	-4.035	-3.892	-3.806	-3.816	-3.818
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



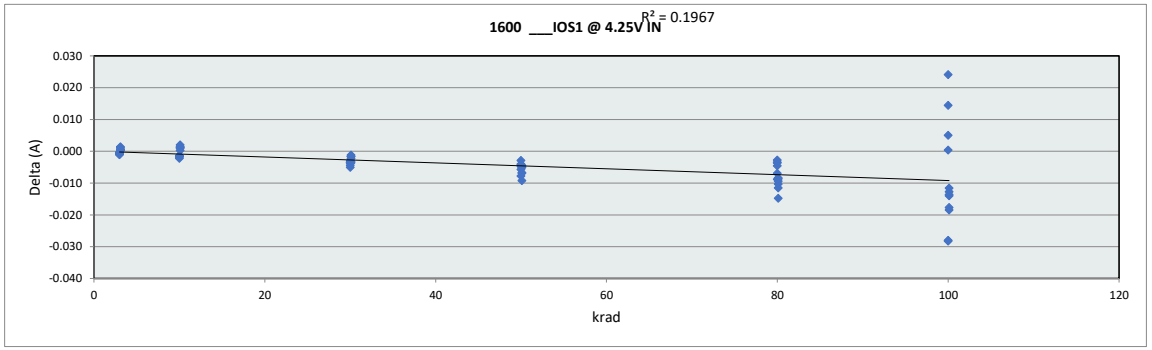
HDR Report
LM117HRLQMLV

80	8025	-4.121	-3.835	0.286
80	8026	-4.252	-4.129	0.123
80.1	8015	-4.386	-4.052	0.334
80.1	8016	-4.807	-4.311	0.496
80.1	8017	-4.109	-3.816	0.294
80.1	8018	-4.246	-3.816	0.430
80.1	8019	-4.424	-4.073	0.351
80.1	8020	-4.800	-4.475	0.325
100	10015	-4.386	-3.968	0.418
100	10021	-4.360	-4.399	-0.039
100	10022	-4.511	-4.303	0.208
100	10023	-4.795	-4.351	0.444
100	10024	-4.587	-3.633	0.954
100	10025	-4.121	-4.054	0.067
100.1	10026	-4.252	-4.121	0.132
100.1	10016	-4.807	-4.463	0.343
100.1	10017	-4.109	-3.818	0.292
100.1	10018	-4.246	-3.825	0.421
100.1	10019	-4.424	-4.131	0.293
100.1	10020	-4.800	-4.396	0.403
	Max	-4.109	-3.633	0.954
	Average	-4.450	-4.223	0.227
	Min	-4.807	-4.846	-0.217
	Std Dev	0.245	0.287	0.187

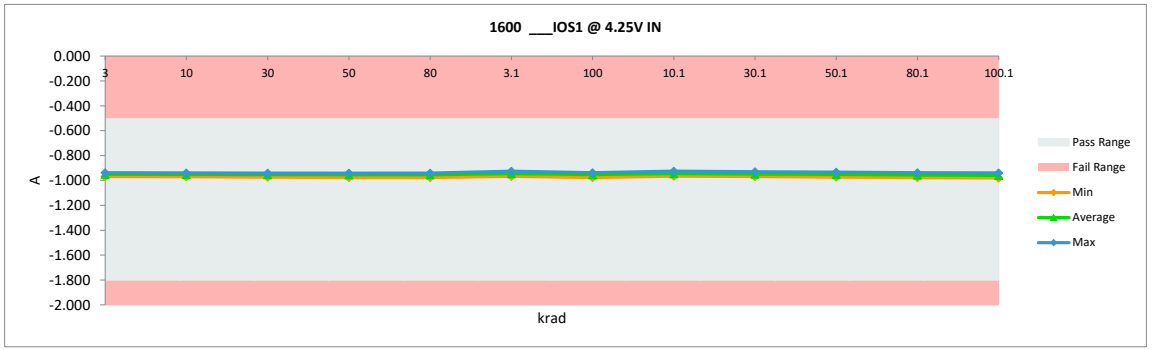
HDR Report
LM117HRLQMLV

	1600 ___IOS1 @ 4.25V IN	
Test Site		
Tester		
Test Number		
Unit	A	A
Max Limit	-0.5	-0.5
Min Limit	-1.8	-1.8

krad	Serial #	PRE	POST	Delta
3	321	-0.943	-0.944	-0.001
3	322	-0.937	-0.938	-0.001
3	323	-0.963	-0.964	-0.001
3	324	-0.948	-0.948	0.000
3	325	-0.968	-0.968	0.000
3	326	-0.939	-0.940	-0.001
3.1	315	-0.945	-0.943	0.001
3.1	316	-0.939	-0.938	0.001
3.1	317	-0.933	-0.933	0.000
3.1	318	-0.926	-0.925	0.000
3.1	319	-0.967	-0.966	0.001
3.1	320	-0.967	-0.966	0.001
10	1021	-0.943	-0.945	-0.002
10	1022	-0.937	-0.938	-0.001
10	1023	-0.963	-0.965	-0.002
10	1024	-0.948	-0.949	-0.001
10	1025	-0.968	-0.970	-0.002
10	1026	-0.939	-0.941	-0.002
10.1	1015	-0.945	-0.943	0.002
10.1	1016	-0.939	-0.937	0.001
10.1	1017	-0.933	-0.933	0.000
10.1	1018	-0.926	-0.925	0.001
10.1	1019	-0.967	-0.965	0.001
10.1	1020	-0.967	-0.966	0.001
30	3021	-0.943	-0.946	-0.003
30	3022	-0.937	-0.941	-0.004
30	3023	-0.963	-0.967	-0.004
30	3024	-0.948	-0.951	-0.004
30	3025	-0.968	-0.973	-0.005
30	3026	-0.939	-0.944	-0.004
30.1	3015	-0.945	-0.946	-0.001
30.1	3016	-0.939	-0.940	-0.002
30.1	3017	-0.933	-0.936	-0.004
30.1	3018	-0.926	-0.929	-0.003
30.1	3019	-0.967	-0.969	-0.002
30.1	3020	-0.967	-0.968	-0.002
50	5021	-0.943	-0.946	-0.003
50	5022	-0.937	-0.941	-0.004
50	5023	-0.963	-0.968	-0.005
50	5024	-0.948	-0.952	-0.004
50	5025	-0.968	-0.976	-0.008
50	5026	-0.939	-0.945	-0.006
50.1	5015	-0.945	-0.949	-0.004
50.1	5016	-0.939	-0.944	-0.005
50.1	5017	-0.933	-0.942	-0.009
50.1	5018	-0.926	-0.933	-0.007
50.1	5019	-0.967	-0.973	-0.007
50.1	5020	-0.967	-0.972	-0.005
80	8021	-0.943	-0.946	-0.003
80	8022	-0.937	-0.941	-0.003
80	8023	-0.963	-0.968	-0.005
80	8024	-0.948	-0.951	-0.004



	1600 ___IOS1 @ 4											
Test Site												
Tester												
Test Number												
Max Limit	-0.5	A										
Min Limit	-1.8	A										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800
Min	-0.968	-0.970	-0.973	-0.976	-0.977	-0.966	-0.976	-0.966	-0.969	-0.973	-0.977	-0.980
Average	-0.950	-0.951	-0.954	-0.955	-0.955	-0.945	-0.953	-0.945	-0.948	-0.952	-0.956	-0.960
Max	-0.938	-0.938	-0.941	-0.941	-0.941	-0.925	-0.938	-0.925	-0.929	-0.933	-0.937	-0.940
UL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500

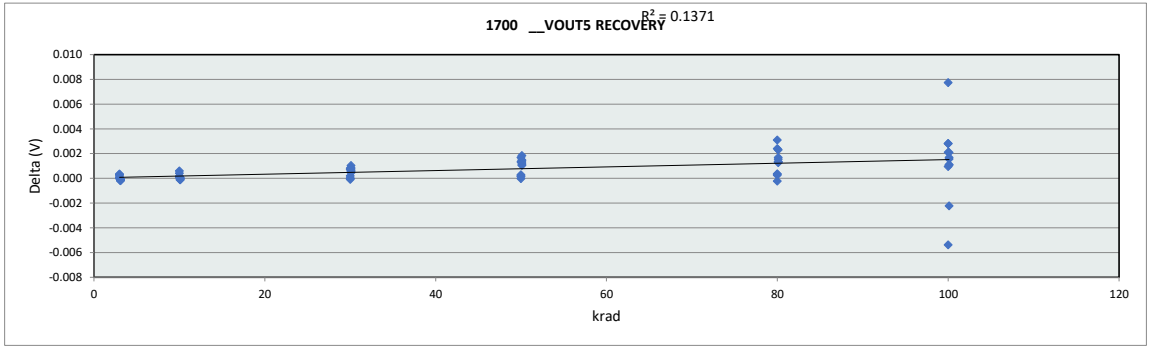


HDR Report
LM117HRLQMLV

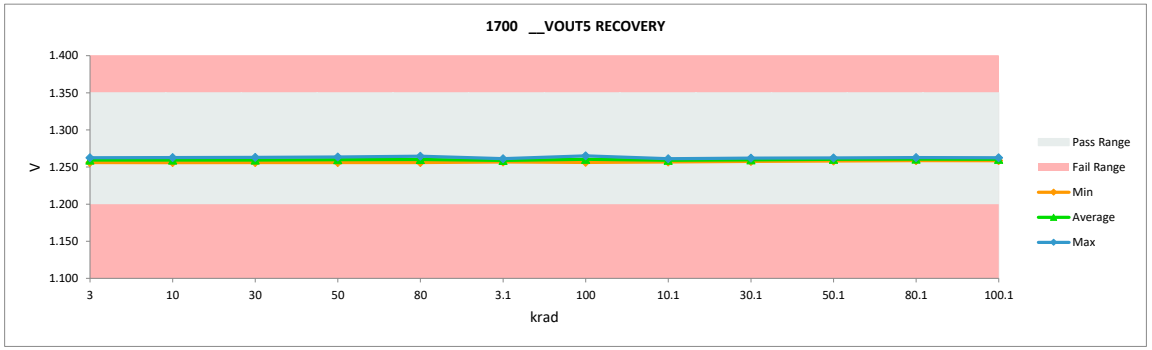
80	8025	-0.968	-0.977	-0.009
80	8026	-0.939	-0.946	-0.007
80.1	8015	-0.945	-0.953	-0.008
80.1	8016	-0.939	-0.948	-0.009
80.1	8017	-0.933	-0.948	-0.015
80.1	8018	-0.926	-0.937	-0.012
80.1	8019	-0.967	-0.977	-0.010
80.1	8020	-0.967	-0.976	-0.009
100	10015	-0.945	-0.944	0.000
100	10021	-0.943	-0.938	0.005
100	10022	-0.937	-0.965	-0.028
100	10023	-0.963	-0.949	0.014
100	10024	-0.948	-0.976	-0.028
100	10025	-0.968	-0.944	0.024
100.1	10026	-0.939	-0.957	-0.018
100.1	10016	-0.939	-0.952	-0.013
100.1	10017	-0.933	-0.951	-0.018
100.1	10018	-0.926	-0.940	-0.014
100.1	10019	-0.967	-0.980	-0.014
100.1	10020	-0.967	-0.978	-0.012
	Max	-0.926	-0.925	0.024
	Average	-0.948	-0.952	-0.004
	Min	-0.968	-0.980	-0.028
	Std Dev	0.014	0.015	0.007

HDR Report
LM117HRLQMLV

	1700 __VOUT5 RECOVERY		
Test Site			
Tester			
Test Number			
Unit	V	V	
Max Limit	1.35	1.35	
Min Limit	1.2	1.2	
krad	Serial #	PRE	POST	Delta
3	321	1.260	1.260	0.000
3	322	1.262	1.262	0.000
3	323	1.256	1.256	0.000
3	324	1.258	1.258	0.000
3	325	1.257	1.258	0.000
3	326	1.262	1.263	0.000
3.1	315	1.259	1.259	0.000
3.1	316	1.259	1.258	0.000
3.1	317	1.260	1.259	0.000
3.1	318	1.261	1.261	0.000
3.1	319	1.259	1.259	0.000
3.1	320	1.257	1.257	0.000
10	1021	1.260	1.260	0.000
10	1022	1.262	1.262	0.000
10	1023	1.256	1.256	0.000
10	1024	1.258	1.258	0.000
10	1025	1.257	1.258	0.001
10	1026	1.262	1.263	0.000
10.1	1015	1.259	1.259	0.000
10.1	1016	1.259	1.259	0.000
10.1	1017	1.260	1.260	0.000
10.1	1018	1.261	1.261	0.000
10.1	1019	1.259	1.259	0.000
10.1	1020	1.257	1.257	0.000
30	3021	1.260	1.260	0.000
30	3022	1.262	1.262	0.000
30	3023	1.256	1.256	0.000
30	3024	1.258	1.258	0.000
30	3025	1.257	1.258	0.001
30	3026	1.262	1.263	0.001
30.1	3015	1.259	1.259	0.000
30.1	3016	1.259	1.259	0.001
30.1	3017	1.260	1.261	0.001
30.1	3018	1.261	1.262	0.001
30.1	3019	1.259	1.260	0.001
30.1	3020	1.257	1.258	0.001
50	5021	1.260	1.260	0.000
50	5022	1.262	1.262	0.000
50	5023	1.256	1.256	0.000
50	5024	1.258	1.258	0.000
50	5025	1.257	1.259	0.002
50	5026	1.262	1.264	0.001
50.1	5015	1.259	1.260	0.001
50.1	5016	1.259	1.260	0.001
50.1	5017	1.260	1.261	0.002
50.1	5018	1.261	1.262	0.001
50.1	5019	1.259	1.260	0.001
50.1	5020	1.257	1.258	0.001
80	8021	1.260	1.260	0.000
80	8022	1.262	1.262	0.000
80	8023	1.256	1.256	0.000
80	8024	1.258	1.258	0.000



	1700 __VOUT5 RE											
Test Site												
Tester												
Test Number												
Max Limit	1.35	V										
Min Limit	1.2	V										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.256	1.256	1.256	1.256	1.256	1.257	1.256	1.257	1.258	1.258	1.258	1.258
Average	1.259	1.259	1.259	1.260	1.260	1.259	1.260	1.259	1.260	1.260	1.261	1.260
Max	1.263	1.263	1.263	1.264	1.265	1.261	1.265	1.261	1.262	1.262	1.263	1.262
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



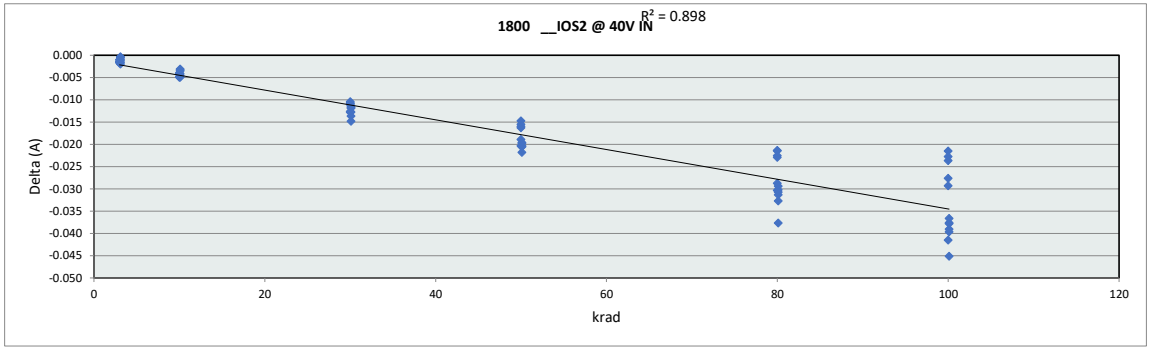
HDR Report
LM117HRLQMLV

80	8025	1.257	1.260	0.003
80	8026	1.262	1.265	0.002
80.1	8015	1.259	1.260	0.001
80.1	8016	1.259	1.260	0.001
80.1	8017	1.260	1.262	0.002
80.1	8018	1.261	1.263	0.001
80.1	8019	1.259	1.261	0.002
80.1	8020	1.257	1.258	0.002
100	10015	1.259	1.260	0.001
100	10021	1.260	1.262	0.002
100	10022	1.262	1.256	-0.005
100	10023	1.256	1.259	0.003
100	10024	1.258	1.261	0.003
100	10025	1.257	1.265	0.008
100.1	10026	1.262	1.260	-0.002
100.1	10016	1.259	1.260	0.001
100.1	10017	1.260	1.262	0.002
100.1	10018	1.261	1.262	0.001
100.1	10019	1.259	1.261	0.002
100.1	10020	1.257	1.258	0.002
	Max	1.262	1.265	0.008
	Average	1.259	1.260	0.001
	Min	1.256	1.256	-0.005
	Std Dev	0.002	0.002	0.001

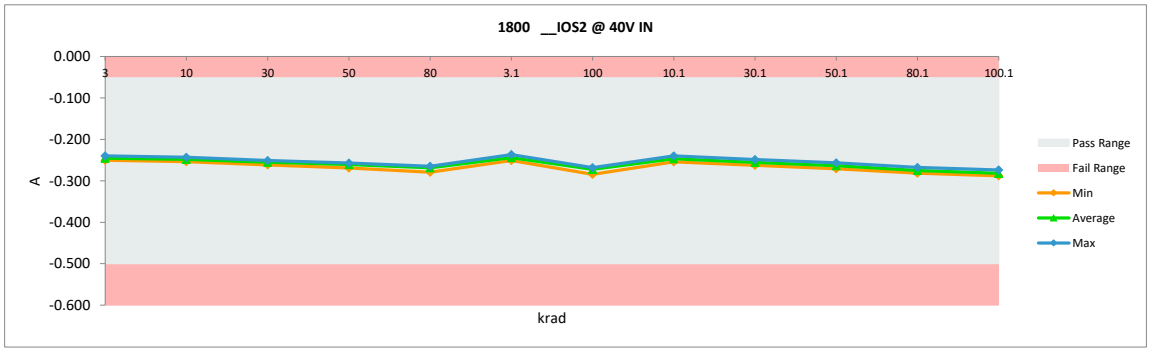
HDR Report
LM117HRLQMLV

	1800 __IOS2 @ 40V IN	
Test Site		
Tester		
Test Number		
Unit	A	A
Max Limit	-0.05	-0.05
Min Limit	-0.5	-0.5

krad	Serial #	PRE	POST	Delta
3	321	-0.244	-0.246	-0.002
3	322	-0.242	-0.243	-0.002
3	323	-0.247	-0.249	-0.002
3	324	-0.243	-0.244	-0.001
3	325	-0.249	-0.250	-0.001
3	326	-0.238	-0.240	-0.001
3.1	315	-0.241	-0.242	-0.001
3.1	316	-0.242	-0.243	-0.001
3.1	317	-0.240	-0.242	-0.002
3.1	318	-0.235	-0.237	-0.002
3.1	319	-0.250	-0.251	0.000
3.1	320	-0.250	-0.251	-0.001
10	1021	-0.244	-0.249	-0.004
10	1022	-0.242	-0.246	-0.004
10	1023	-0.247	-0.251	-0.004
10	1024	-0.243	-0.247	-0.004
10	1025	-0.249	-0.254	-0.005
10	1026	-0.238	-0.243	-0.005
10.1	1015	-0.241	-0.245	-0.003
10.1	1016	-0.242	-0.246	-0.004
10.1	1017	-0.240	-0.244	-0.005
10.1	1018	-0.235	-0.240	-0.005
10.1	1019	-0.250	-0.253	-0.003
10.1	1020	-0.250	-0.254	-0.004
30	3021	-0.244	-0.255	-0.010
30	3022	-0.242	-0.253	-0.011
30	3023	-0.247	-0.258	-0.011
30	3024	-0.243	-0.254	-0.011
30	3025	-0.249	-0.262	-0.013
30	3026	-0.238	-0.251	-0.013
30.1	3015	-0.241	-0.253	-0.011
30.1	3016	-0.242	-0.254	-0.012
30.1	3017	-0.240	-0.255	-0.015
30.1	3018	-0.235	-0.249	-0.014
30.1	3019	-0.250	-0.262	-0.012
30.1	3020	-0.250	-0.263	-0.013
50	5021	-0.244	-0.259	-0.015
50	5022	-0.242	-0.258	-0.016
50	5023	-0.247	-0.263	-0.016
50	5024	-0.243	-0.259	-0.016
50	5025	-0.249	-0.269	-0.020
50	5026	-0.238	-0.257	-0.019
50.1	5015	-0.241	-0.261	-0.020
50.1	5016	-0.242	-0.262	-0.020
50.1	5017	-0.240	-0.260	-0.020
50.1	5018	-0.235	-0.257	-0.022
50.1	5019	-0.250	-0.271	-0.021
50.1	5020	-0.250	-0.270	-0.020
80	8021	-0.244	-0.266	-0.021
80	8022	-0.242	-0.265	-0.023
80	8023	-0.247	-0.269	-0.021
80	8024	-0.243	-0.266	-0.023



	1800 __IOS2 @ 40											
Test Site												
Tester												
Test Number												
Max Limit	-0.05	A										
Min Limit	-0.5	A										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500
Min	-0.250	-0.254	-0.262	-0.269	-0.279	-0.251	-0.285	-0.254	-0.263	-0.271	-0.282	-0.288
Average	-0.245	-0.248	-0.255	-0.261	-0.269	-0.244	-0.272	-0.247	-0.256	-0.264	-0.275	-0.282
Max	-0.240	-0.243	-0.251	-0.257	-0.265	-0.237	-0.268	-0.240	-0.249	-0.257	-0.268	-0.274
UL	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050



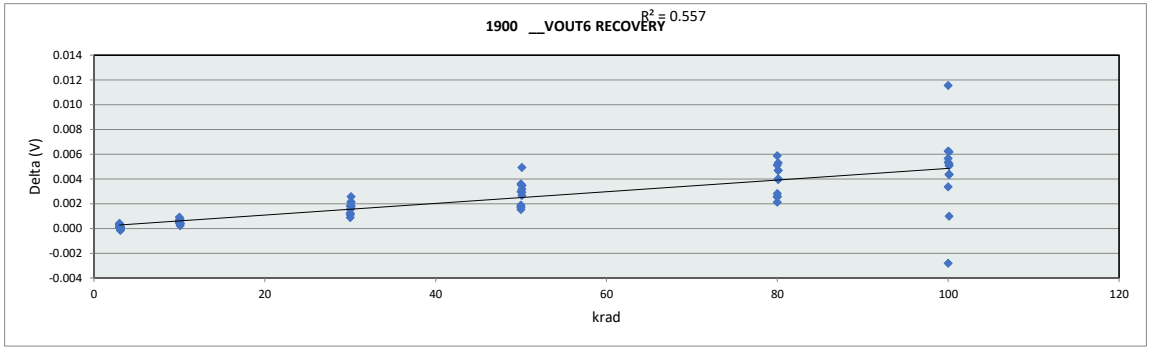
HDR Report
LM117HRLQMLV

80	8025	-0.249	-0.279	-0.030
80	8026	-0.238	-0.267	-0.029
80.1	8015	-0.241	-0.271	-0.029
80.1	8016	-0.242	-0.273	-0.030
80.1	8017	-0.240	-0.278	-0.038
80.1	8018	-0.235	-0.268	-0.033
80.1	8019	-0.250	-0.282	-0.031
80.1	8020	-0.250	-0.281	-0.031
100	10015	-0.241	-0.269	-0.028
100	10021	-0.244	-0.268	-0.024
100	10022	-0.242	-0.271	-0.029
100	10023	-0.247	-0.269	-0.022
100	10024	-0.243	-0.285	-0.042
100	10025	-0.249	-0.272	-0.023
100.1	10026	-0.238	-0.278	-0.040
100.1	10016	-0.242	-0.279	-0.037
100.1	10017	-0.240	-0.285	-0.045
100.1	10018	-0.235	-0.274	-0.039
100.1	10019	-0.250	-0.288	-0.038
100.1	10020	-0.250	-0.287	-0.038
	Max	-0.235	-0.237	0.000
	Average	-0.244	-0.260	-0.016
	Min	-0.250	-0.288	-0.045
	Std Dev	0.005	0.013	0.013

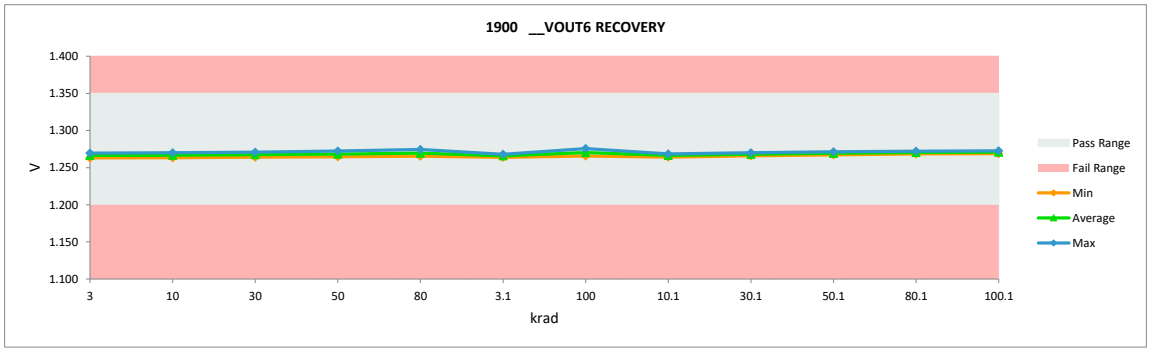
HDR Report
LM117HRLQMLV

	1900 __VOUT6 RECOVERY	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	321	1.267	1.267	0.000
3	322	1.269	1.269	0.000
3	323	1.263	1.263	0.000
3	324	1.265	1.265	0.000
3	325	1.264	1.265	0.000
3	326	1.269	1.270	0.000
3.1	315	1.266	1.266	0.000
3.1	316	1.266	1.266	0.000
3.1	317	1.266	1.266	0.000
3.1	318	1.268	1.268	0.000
3.1	319	1.266	1.266	0.000
3.1	320	1.264	1.264	0.000
10	1021	1.267	1.267	0.000
10	1022	1.269	1.269	0.000
10	1023	1.263	1.263	0.001
10	1024	1.265	1.266	0.000
10	1025	1.264	1.265	0.001
10	1026	1.269	1.270	0.001
10.1	1015	1.266	1.266	0.000
10.1	1016	1.266	1.266	0.000
10.1	1017	1.266	1.267	0.000
10.1	1018	1.268	1.269	0.000
10.1	1019	1.266	1.266	0.001
10.1	1020	1.264	1.264	0.000
30	3021	1.267	1.268	0.001
30	3022	1.269	1.270	0.001
30	3023	1.263	1.264	0.001
30	3024	1.265	1.266	0.001
30	3025	1.264	1.266	0.002
30	3026	1.269	1.271	0.002
30.1	3015	1.266	1.268	0.002
30.1	3016	1.266	1.267	0.002
30.1	3017	1.266	1.269	0.003
30.1	3018	1.268	1.270	0.002
30.1	3019	1.266	1.268	0.002
30.1	3020	1.264	1.266	0.002
50	5021	1.267	1.268	0.002
50	5022	1.269	1.270	0.002
50	5023	1.263	1.265	0.002
50	5024	1.265	1.267	0.002
50	5025	1.264	1.268	0.004
50	5026	1.269	1.272	0.003
50.1	5015	1.266	1.269	0.003
50.1	5016	1.266	1.268	0.003
50.1	5017	1.266	1.271	0.005
50.1	5018	1.268	1.271	0.003
50.1	5019	1.266	1.269	0.003
50.1	5020	1.264	1.267	0.003
80	8021	1.267	1.269	0.002
80	8022	1.269	1.271	0.003
80	8023	1.263	1.265	0.003
80	8024	1.265	1.268	0.003



	1900 __VOUT6 RE											
Test Site												
Tester												
Test Number												
Max Limit	1.35	V										
Min Limit	1.2	V										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.263	1.263	1.264	1.265	1.265	1.264	1.266	1.264	1.266	1.267	1.268	1.269
Average	1.266	1.267	1.267	1.268	1.270	1.266	1.270	1.266	1.268	1.269	1.270	1.271
Max	1.270	1.270	1.271	1.272	1.274	1.268	1.276	1.269	1.270	1.271	1.272	1.273
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



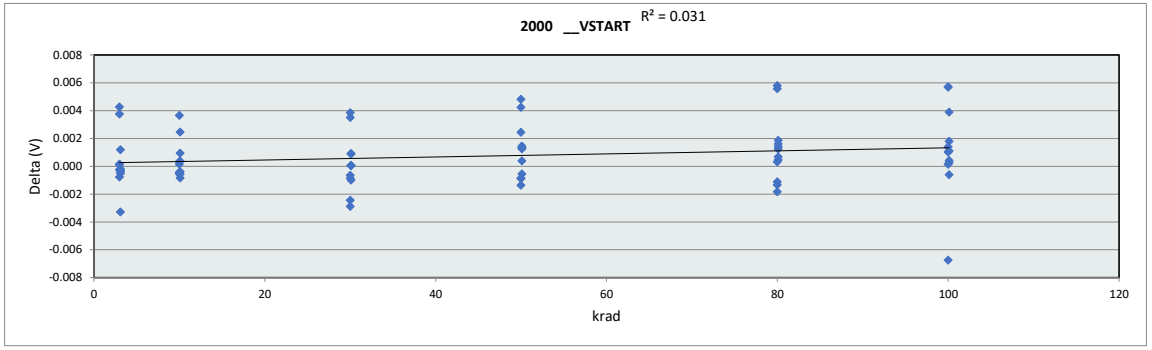
HDR Report
LM117HRLQMLV

80	8025	1.264	1.270	0.006
80	8026	1.269	1.274	0.005
80.1	8015	1.266	1.270	0.004
80.1	8016	1.266	1.270	0.004
80.1	8017	1.266	1.272	0.005
80.1	8018	1.268	1.272	0.004
80.1	8019	1.266	1.270	0.005
80.1	8020	1.264	1.268	0.005
100	10015	1.266	1.269	0.003
100	10021	1.267	1.272	0.005
100	10022	1.269	1.266	-0.003
100	10023	1.263	1.268	0.006
100	10024	1.265	1.271	0.006
100	10025	1.264	1.276	0.012
100.1	10026	1.269	1.270	0.001
100.1	10016	1.266	1.270	0.004
100.1	10017	1.266	1.273	0.006
100.1	10018	1.268	1.272	0.004
100.1	10019	1.266	1.271	0.005
100.1	10020	1.264	1.269	0.005
	Max	1.269	1.276	0.012
	Average	1.266	1.268	0.002
	Min	1.263	1.263	-0.003
	Std Dev	0.002	0.003	0.002

HDR Report
LM117HRLQMLV

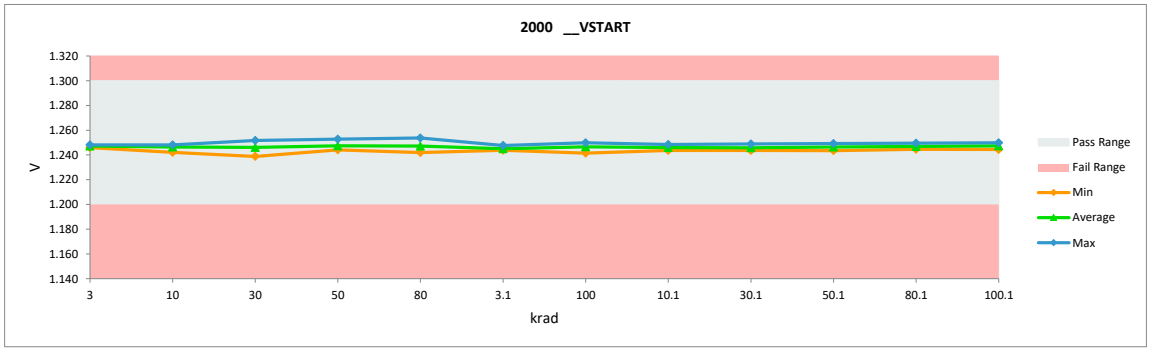
	2000 __VSTART	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.3	1.3
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	321	1.246	1.246	0.000
3	322	1.248	1.248	-0.001
3	323	1.242	1.246	0.004
3	324	1.248	1.248	0.000
3	325	1.244	1.248	0.004
3	326	1.248	1.248	0.000
3.1	315	1.245	1.244	0.000
3.1	316	1.245	1.244	0.000
3.1	317	1.246	1.245	0.000
3.1	318	1.246	1.248	0.001
3.1	319	1.248	1.245	-0.003
3.1	320	1.244	1.244	0.000
10	1021	1.246	1.246	0.000
10	1022	1.248	1.248	-0.001
10	1023	1.242	1.242	0.000
10	1024	1.248	1.247	-0.001
10	1025	1.244	1.248	0.004
10	1026	1.248	1.248	0.000
10.1	1015	1.245	1.247	0.002
10.1	1016	1.245	1.244	-0.001
10.1	1017	1.246	1.245	-0.001
10.1	1018	1.246	1.247	0.001
10.1	1019	1.248	1.248	0.000
10.1	1020	1.244	1.244	0.000
30	3021	1.246	1.246	-0.001
30	3022	1.248	1.248	-0.001
30	3023	1.242	1.239	-0.003
30	3024	1.248	1.245	-0.002
30	3025	1.244	1.248	0.004
30	3026	1.248	1.252	0.004
30.1	3015	1.245	1.244	-0.001
30.1	3016	1.245	1.245	0.000
30.1	3017	1.246	1.246	0.000
30.1	3018	1.246	1.247	0.001
30.1	3019	1.248	1.249	0.001
30.1	3020	1.244	1.244	0.000
50	5021	1.246	1.246	-0.001
50	5022	1.248	1.247	-0.001
50	5023	1.242	1.244	0.002
50	5024	1.248	1.246	-0.001
50	5025	1.244	1.248	0.004
50	5026	1.248	1.253	0.005
50.1	5015	1.245	1.246	0.001
50.1	5016	1.245	1.245	0.000
50.1	5017	1.246	1.247	0.001
50.1	5018	1.246	1.248	0.001
50.1	5019	1.248	1.249	0.001
50.1	5020	1.244	1.243	-0.001
80	8021	1.246	1.245	-0.001
80	8022	1.248	1.247	-0.001
80	8023	1.242	1.242	0.000
80	8024	1.248	1.246	-0.002



	2000 __VSTART	
Test Site		
Tester		
Test Number		
Max Limit	1.3	V
Min Limit	1.2	V

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.246	1.242	1.239	1.244	1.242	1.244	1.242	1.244	1.244	1.243	1.245	1.244
Average	1.247	1.246	1.246	1.247	1.247	1.245	1.247	1.246	1.246	1.246	1.247	1.247
Max	1.248	1.248	1.252	1.253	1.254	1.248	1.250	1.248	1.249	1.249	1.250	1.250
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300



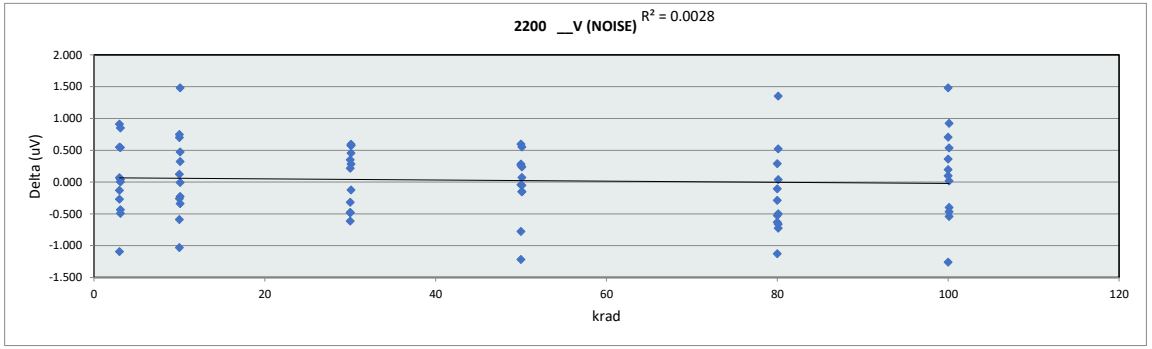
HDR Report
LM117HRLQMLV

80	8025	1.244	1.250	0.006
80	8026	1.248	1.254	0.006
80.1	8015	1.245	1.246	0.001
80.1	8016	1.245	1.245	0.001
80.1	8017	1.246	1.247	0.001
80.1	8018	1.246	1.248	0.002
80.1	8019	1.248	1.250	0.002
80.1	8020	1.244	1.245	0.000
100	10015	1.245	1.245	0.000
100	10021	1.246	1.248	0.001
100	10022	1.248	1.242	-0.007
100	10023	1.242	1.247	0.006
100	10024	1.248	1.249	0.001
100	10025	1.244	1.250	0.006
100.1	10026	1.248	1.247	-0.001
100.1	10016	1.245	1.245	0.000
100.1	10017	1.246	1.250	0.004
100.1	10018	1.246	1.248	0.002
100.1	10019	1.248	1.249	0.001
100.1	10020	1.244	1.244	0.000
	Max	1.248	1.254	0.006
	Average	1.246	1.247	0.001
	Min	1.242	1.239	-0.007
	Std Dev	0.002	0.003	0.002

HDR Report
LM117HRLQMLV

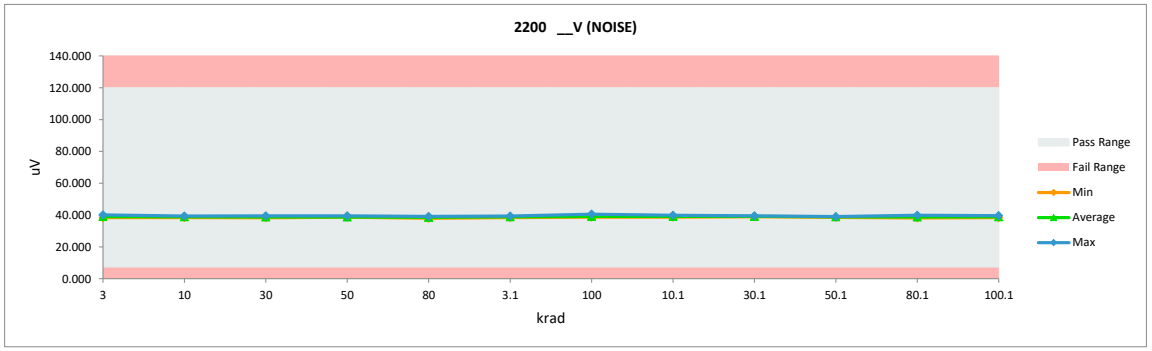
	2200 __V (NOISE)	
Test Site		
Tester		
Test Number		
Unit	uV	uV
Max Limit	120	120
Min Limit	7	7

krad	Serial #	PRE	POST	Delta
3	321	38.669	39.581	0.912
3	322	38.885	38.616	-0.269
3	323	39.939	38.846	-1.093
3	324	38.365	38.436	0.071
3	325	38.495	38.367	-0.128
3	326	39.523	40.072	0.549
3.1	315	39.049	38.556	-0.492
3.1	316	39.160	39.164	0.004
3.1	317	38.422	38.464	0.042
3.1	318	38.951	38.518	-0.433
3.1	319	38.495	39.346	0.851
3.1	320	38.733	39.278	0.545
10	1021	38.669	38.411	-0.258
10	1022	38.885	39.008	0.124
10	1023	39.939	39.350	-0.589
10	1024	38.365	39.115	0.750
10	1025	38.495	39.196	0.700
10	1026	39.523	38.496	-1.028
10.1	1015	39.049	39.044	-0.005
10.1	1016	39.160	38.935	-0.225
10.1	1017	38.422	39.905	1.483
10.1	1018	38.951	38.614	-0.337
10.1	1019	38.495	38.819	0.323
10.1	1020	38.733	39.208	0.474
30	3021	38.669	38.352	-0.317
30	3022	38.885	38.274	-0.611
30	3023	39.939	39.462	-0.477
30	3024	38.365	38.582	0.217
30	3025	38.495	38.848	0.352
30	3026	39.523	39.040	-0.483
30.1	3015	39.049	38.926	-0.123
30.1	3016	39.160	39.446	0.286
30.1	3017	38.422	39.016	0.594
30.1	3018	38.951	39.526	0.575
30.1	3019	38.495	39.076	0.580
30.1	3020	38.733	39.189	0.456
50	5021	38.669	38.627	-0.042
50	5022	38.885	39.483	0.599
50	5023	39.939	38.724	-1.214
50	5024	38.365	38.632	0.267
50	5025	38.495	38.779	0.284
50	5026	39.523	38.748	-0.775
50.1	5015	39.049	38.897	-0.151
50.1	5016	39.160	39.009	-0.151
50.1	5017	38.422	38.496	0.074
50.1	5018	38.951	38.900	-0.052
50.1	5019	38.495	39.049	0.554
50.1	5020	38.733	38.971	0.238
80	8021	38.669	38.564	-0.105
80	8022	38.885	39.174	0.289
80	8023	39.939	38.814	-1.125
80	8024	38.365	38.078	-0.287



	2200 __V (NOISE)	
Test Site		
Tester		
Test Number		
Max Limit	120	uV
Min Limit	7	uV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
Min	38.367	38.411	38.274	38.627	37.971	38.464	38.681	38.614	38.926	38.496	38.228	38.410
Average	38.986	38.929	38.760	38.832	38.583	38.888	39.166	39.087	39.197	38.887	38.808	38.894
Max	40.072	39.350	39.462	39.483	39.174	39.346	40.532	39.905	39.526	39.049	39.848	39.659
UL	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000



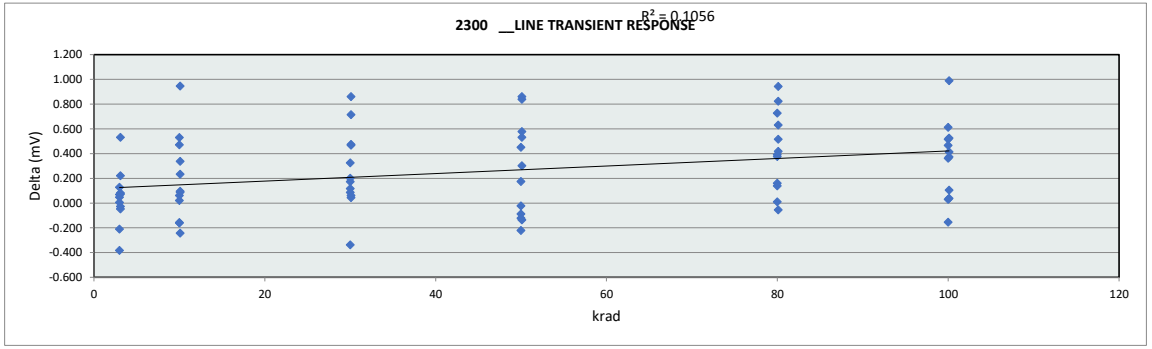
HDR Report
LM117HRLQMLV

80	8025	38.495	37.971	-0.524
80	8026	39.523	38.894	-0.629
80.1	8015	39.049	38.389	-0.660
80.1	8016	39.160	38.662	-0.498
80.1	8017	38.422	38.946	0.524
80.1	8018	38.951	38.228	-0.723
80.1	8019	38.495	39.848	1.353
80.1	8020	38.733	38.773	0.040
100	10015	39.049	40.532	1.483
100	10021	38.669	38.769	0.100
100	10022	38.885	39.592	0.708
100	10023	39.939	38.681	-1.258
100	10024	38.365	38.728	0.363
100	10025	38.495	38.693	0.197
100.1	10026	39.523	39.127	-0.396
100.1	10016	39.160	38.695	-0.465
100.1	10017	38.422	38.441	0.019
100.1	10018	38.951	38.410	-0.541
100.1	10019	38.495	39.032	0.537
100.1	10020	38.733	39.659	0.926
	Max	39.939	40.532	1.483
	Average	38.891	38.918	0.028
	Min	38.365	37.971	-1.258
	Std Dev	0.458	0.471	0.607

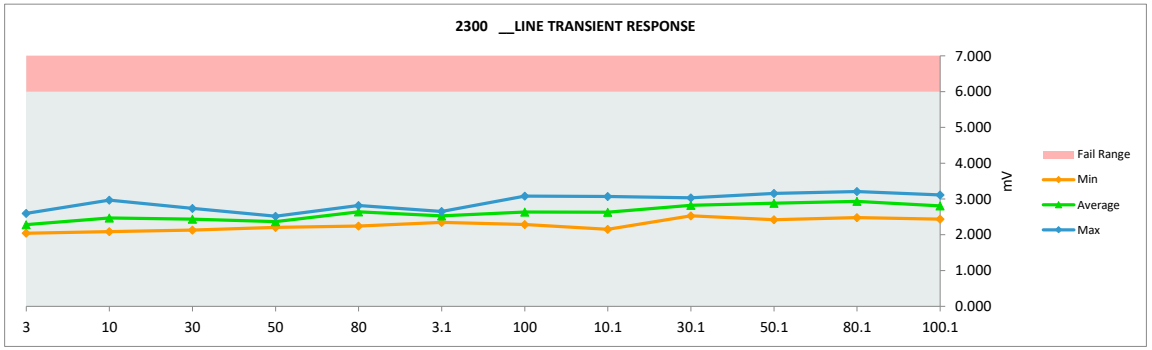
HDR Report
LM117HRLQMLV

	2300 __LINE TRANSIENT RESPO	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	6	6
Min Limit		

krad	Serial #	PRE	POST	Delta
3	321	2.426	2.043	-0.383
3	322	2.439	2.229	-0.211
3	323	2.107	2.112	0.005
3	324	2.068	2.137	0.069
3	325	2.468	2.597	0.129
3	326	2.536	2.583	0.047
3.1	315	2.468	2.549	0.081
3.1	316	2.065	2.596	0.531
3.1	317	2.578	2.650	0.073
3.1	318	2.123	2.345	0.222
3.1	319	2.556	2.509	-0.047
3.1	320	2.535	2.508	-0.027
10	1021	2.426	2.265	-0.161
10	1022	2.439	2.969	0.530
10	1023	2.107	2.578	0.471
10	1024	2.068	2.089	0.021
10	1025	2.468	2.529	0.061
10	1026	2.536	2.378	-0.158
10.1	1015	2.468	2.226	-0.242
10.1	1016	2.065	2.153	0.088
10.1	1017	2.578	2.811	0.233
10.1	1018	2.123	3.069	0.945
10.1	1019	2.556	2.652	0.096
10.1	1020	2.535	2.872	0.337
30	3021	2.426	2.599	0.173
30	3022	2.439	2.556	0.117
30	3023	2.107	2.433	0.326
30	3024	2.068	2.154	0.086
30	3025	2.468	2.130	-0.338
30	3026	2.536	2.737	0.201
30.1	3015	2.468	2.530	0.062
30.1	3016	2.065	2.780	0.715
30.1	3017	2.578	2.622	0.044
30.1	3018	2.123	2.984	0.861
30.1	3019	2.556	3.030	0.474
30.1	3020	2.535	3.003	0.468
50	5021	2.426	2.205	-0.221
50	5022	2.439	2.317	-0.122
50	5023	2.107	2.282	0.175
50	5024	2.068	2.519	0.451
50	5025	2.468	2.380	-0.088
50	5026	2.536	2.513	-0.022
50.1	5015	2.468	2.999	0.531
50.1	5016	2.065	2.903	0.838
50.1	5017	2.578	3.156	0.578
50.1	5018	2.123	2.984	0.861
50.1	5019	2.556	2.420	-0.136
50.1	5020	2.535	2.836	0.301
80	8021	2.426	2.818	0.392
80	8022	2.439	2.815	0.376
80	8023	2.107	2.246	0.139
80	8024	2.068	2.796	0.728



	2300 __LINE TRAN											
Test Site												
Tester												
Test Number												
Max Limit	6	mV										
Min Limit		mV										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL												
Min	2.043	2.089	2.130	2.205	2.246	2.345	2.286	2.153	2.530	2.420	2.480	2.438
Average	2.283	2.468	2.435	2.369	2.641	2.526	2.635	2.630	2.825	2.883	2.933	2.806
Max	2.597	2.969	2.737	2.519	2.818	2.650	3.080	3.069	3.030	3.156	3.208	3.112
UL	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000



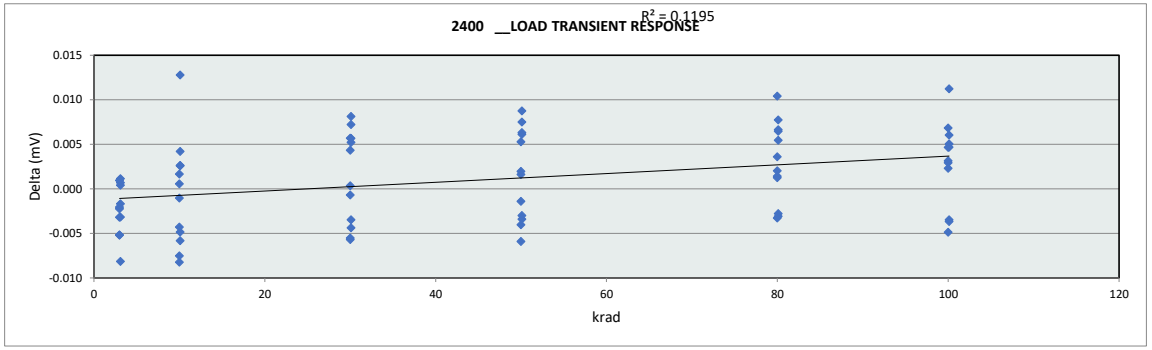
HDR Report
LM117HRLQMLV

80	8025	2.468	2.478	0.011
80	8026	2.536	2.696	0.160
80.1	8015	2.468	2.887	0.419
80.1	8016	2.065	3.008	0.943
80.1	8017	2.578	3.208	0.631
80.1	8018	2.123	2.946	0.823
80.1	8019	2.556	3.072	0.516
80.1	8020	2.535	2.480	-0.055
100	10015	2.468	3.080	0.612
100	10021	2.426	2.789	0.363
100	10022	2.439	2.286	-0.154
100	10023	2.107	2.623	0.516
100	10024	2.068	2.534	0.466
100	10025	2.468	2.499	0.031
100.1	10026	2.536	2.574	0.038
100.1	10016	2.065	2.438	0.373
100.1	10017	2.578	2.683	0.105
100.1	10018	2.123	3.112	0.989
100.1	10019	2.556	2.969	0.413
100.1	10020	2.535	3.060	0.525
	Max	2.578	3.208	0.989
	Average	2.364	2.620	0.256
	Min	2.065	2.043	-0.383
	Std Dev	0.200	0.307	0.334

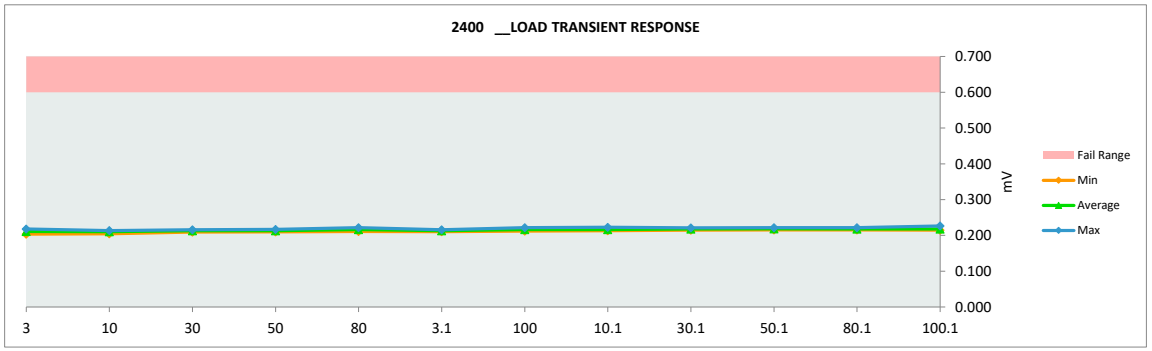
HDR Report
LM117HRLQMLV

	2400 __LOAD TRANSIENT RESP	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	0.6	0.6
Min Limit		

krad	Serial #	PRE	POST	Delta
3	321	0.221	0.218	-0.003
3	322	0.219	0.214	-0.005
3	323	0.212	0.209	-0.002
3	324	0.209	0.210	0.001
3	325	0.209	0.204	-0.005
3	326	0.211	0.209	-0.002
3.1	315	0.213	0.213	0.000
3.1	316	0.215	0.216	0.001
3.1	317	0.210	0.211	0.001
3.1	318	0.212	0.211	-0.002
3.1	319	0.219	0.216	-0.003
3.1	320	0.218	0.210	-0.008
10	1021	0.221	0.213	-0.008
10	1022	0.219	0.211	-0.008
10	1023	0.212	0.211	-0.001
10	1024	0.209	0.211	0.002
10	1025	0.209	0.205	-0.004
10	1026	0.211	0.212	0.001
10.1	1015	0.213	0.215	0.003
10.1	1016	0.215	0.218	0.003
10.1	1017	0.210	0.223	0.013
10.1	1018	0.212	0.217	0.004
10.1	1019	0.219	0.213	-0.006
10.1	1020	0.218	0.214	-0.005
30	3021	0.221	0.215	-0.006
30	3022	0.219	0.214	-0.006
30	3023	0.212	0.216	0.004
30	3024	0.209	0.215	0.006
30	3025	0.209	0.209	0.000
30	3026	0.211	0.211	-0.001
30.1	3015	0.213	0.221	0.008
30.1	3016	0.215	0.220	0.005
30.1	3017	0.210	0.217	0.007
30.1	3018	0.212	0.218	0.006
30.1	3019	0.219	0.215	-0.004
30.1	3020	0.218	0.215	-0.003
50	5021	0.221	0.217	-0.004
50	5022	0.219	0.213	-0.006
50	5023	0.212	0.214	0.002
50	5024	0.209	0.215	0.005
50	5025	0.209	0.210	0.002
50	5026	0.211	0.210	-0.001
50.1	5015	0.213	0.222	0.009
50.1	5016	0.215	0.222	0.006
50.1	5017	0.210	0.218	0.007
50.1	5018	0.212	0.219	0.006
50.1	5019	0.219	0.215	-0.003
50.1	5020	0.218	0.215	-0.003
80	8021	0.221	0.218	-0.003
80	8022	0.219	0.220	0.001
80	8023	0.212	0.213	0.001
80	8024	0.209	0.213	0.004



	2400 __LOAD TRA											
Test Site												
Tester												
Test Number												
Max Limit	0.6	mV										
Min Limit		mV										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL												
Min	0.204	0.205	0.209	0.210	0.211	0.210	0.212	0.213	0.215	0.215	0.215	0.215
Average	0.211	0.210	0.213	0.213	0.216	0.213	0.216	0.217	0.218	0.218	0.218	0.218
Max	0.218	0.213	0.216	0.217	0.222	0.216	0.222	0.223	0.221	0.222	0.222	0.226
UL	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600



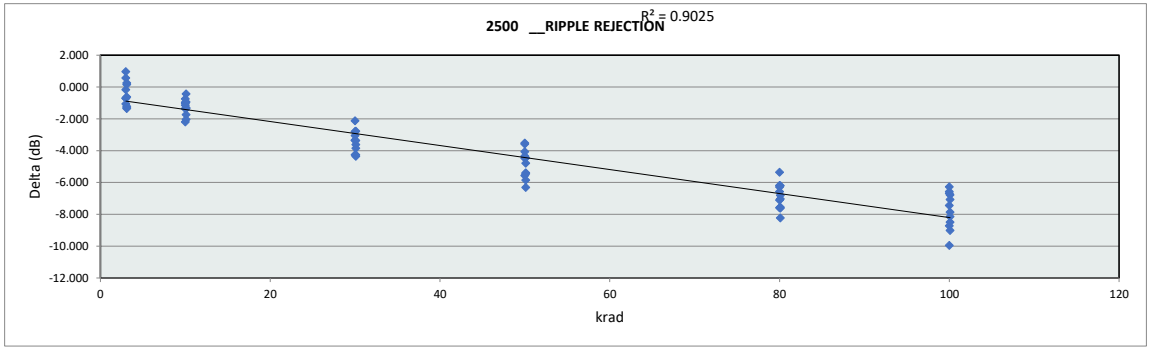
HDR Report
LM117HRLQMLV

80	8025	0.209	0.211	0.002
80	8026	0.211	0.222	0.010
80.1	8015	0.213	0.220	0.007
80.1	8016	0.215	0.222	0.006
80.1	8017	0.210	0.218	0.008
80.1	8018	0.212	0.218	0.005
80.1	8019	0.219	0.216	-0.003
80.1	8020	0.218	0.215	-0.003
100	10015	0.213	0.218	0.005
100	10021	0.221	0.216	-0.005
100	10022	0.219	0.222	0.002
100	10023	0.212	0.215	0.003
100	10024	0.209	0.212	0.003
100	10025	0.209	0.216	0.007
100.1	10026	0.211	0.217	0.005
100.1	10016	0.215	0.226	0.011
100.1	10017	0.210	0.215	0.005
100.1	10018	0.212	0.218	0.006
100.1	10019	0.219	0.215	-0.003
100.1	10020	0.218	0.215	-0.004
	Max	0.221	0.226	0.013
	Average	0.214	0.215	0.001
	Min	0.209	0.204	-0.008
	Std Dev	0.004	0.004	0.005

HDR Report
LM117HRLQMLV

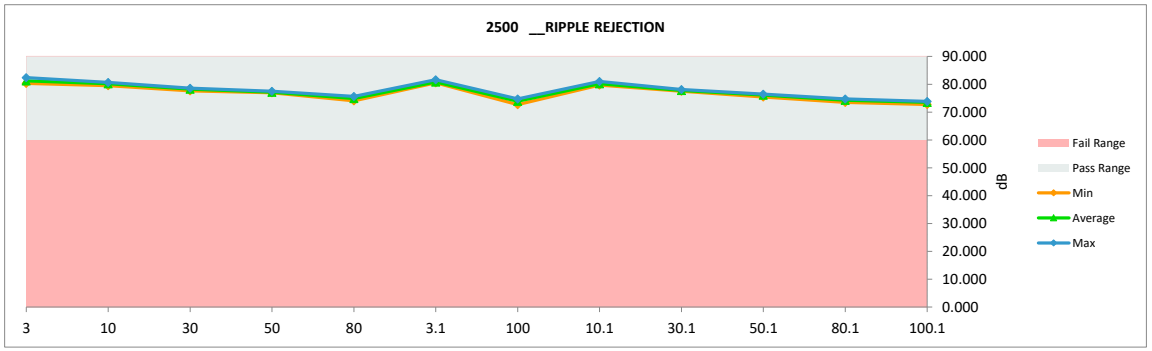
	2500 __RIPPLE REJECTION	
Test Site		
Tester		
Test Number		
Unit	dB	dB
Max Limit		
Min Limit	60	60

krad	Serial #	PRE	POST	Delta
3	321	81.564	80.860	-0.704
3	322	81.016	80.312	-0.704
3	323	80.995	81.569	0.574
3	324	82.792	81.737	-1.055
3	325	81.402	82.370	0.967
3	326	80.650	80.477	-0.172
3.1	315	81.125	80.494	-0.631
3.1	316	81.858	80.511	-1.347
3.1	317	81.750	80.532	-1.218
3.1	318	80.313	80.571	0.258
3.1	319	82.326	81.031	-1.295
3.1	320	81.482	81.640	0.159
10	1021	81.564	80.208	-1.356
10	1022	81.016	79.995	-1.021
10	1023	80.995	80.035	-0.961
10	1024	82.792	80.604	-2.189
10	1025	81.402	80.654	-0.748
10	1026	80.650	79.506	-1.144
10.1	1015	81.125	80.191	-0.934
10.1	1016	81.858	80.117	-1.741
10.1	1017	81.750	79.715	-2.035
10.1	1018	80.313	79.876	-0.437
10.1	1019	82.326	81.030	-1.296
10.1	1020	81.482	80.130	-1.351
30	3021	81.564	78.225	-3.339
30	3022	81.016	77.962	-3.053
30	3023	80.995	77.645	-3.351
30	3024	82.792	78.535	-4.257
30	3025	81.402	78.606	-2.797
30	3026	80.650	78.533	-2.117
30.1	3015	81.125	77.507	-3.619
30.1	3016	81.858	78.012	-3.845
30.1	3017	81.750	77.497	-4.253
30.1	3018	80.313	77.544	-2.769
30.1	3019	82.326	77.972	-4.355
30.1	3020	81.482	78.116	-3.366
50	5021	81.564	77.221	-4.343
50	5022	81.016	76.956	-4.060
50	5023	80.995	77.475	-3.520
50	5024	82.792	77.229	-5.563
50	5025	81.402	76.930	-4.472
50	5026	80.650	77.073	-3.576
50.1	5015	81.125	76.341	-4.784
50.1	5016	81.858	76.411	-5.446
50.1	5017	81.750	75.446	-6.304
50.1	5018	80.313	75.867	-4.447
50.1	5019	82.326	76.473	-5.854
50.1	5020	81.482	76.089	-5.393
80	8021	81.564	75.378	-6.186
80	8022	81.016	74.733	-6.282
80	8023	80.995	75.646	-5.349
80	8024	82.792	75.203	-7.589



	2500 __RIPPLE RE	
Test Site		
Tester		
Test Number		
Max Limit		dB
Min Limit	60	dB

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000
Min	80.312	79.506	77.645	76.930	74.071	80.494	72.684	79.715	77.497	75.446	73.525	72.737
Average	81.221	80.167	78.251	77.147	74.887	80.797	73.876	80.177	77.775	76.104	74.238	73.504
Max	82.370	80.654	78.606	77.475	75.646	81.640	74.746	81.030	78.116	76.473	74.709	73.840
UL												



HDR Report
LM117HRLQMLV

80	8025	81.402	74.292	-7.110
80	8026	80.650	74.071	-6.578
80.1	8015	81.125	74.321	-6.804
80.1	8016	81.858	74.309	-7.548
80.1	8017	81.750	73.525	-8.225
80.1	8018	80.313	74.111	-6.203
80.1	8019	82.326	74.709	-7.617
80.1	8020	81.482	74.450	-7.031
100	10015	81.125	74.557	-6.568
100	10021	81.564	74.117	-7.447
100	10022	81.016	74.746	-6.269
100	10023	80.995	74.309	-6.687
100	10024	82.792	72.841	-9.951
100	10025	81.402	72.684	-8.718
100.1	10026	80.650	73.583	-7.066
100.1	10016	81.858	73.713	-8.145
100.1	10017	81.750	72.737	-9.013
100.1	10018	80.313	73.529	-6.784
100.1	10019	82.326	73.840	-8.487
100.1	10020	81.482	73.623	-7.859
	Max	82.792	82.370	0.967
	Average	81.439	77.345	-4.094
	Min	80.313	72.684	-9.951
	Std Dev	0.668	2.767	2.825

B Appendix: LDR TID Report Data

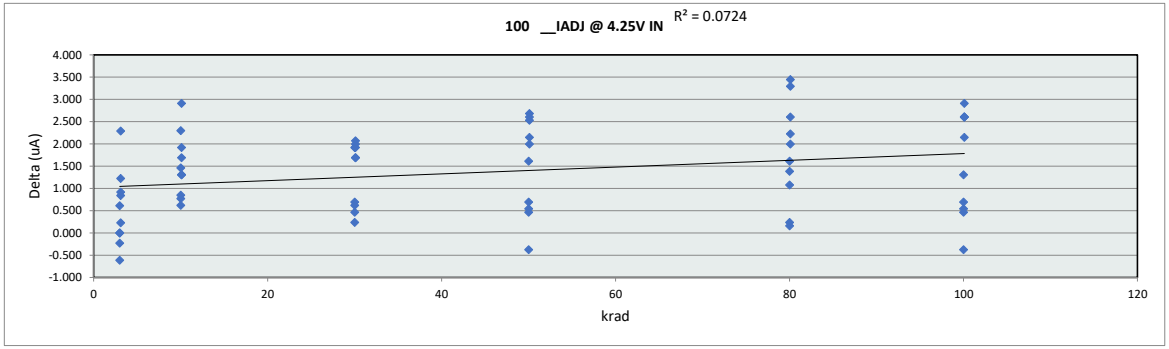
This appendix provides the LM117HRLQMLV LDR TID report data.

Identifier	Description
3	3 krad(Si) unbiased
3.1	3 krad(Si) biased
10	10 krad(Si) unbiased
10.1	10 krad(Si) biased
30	30 krad(Si) unbiased
30.1	30 krad(Si) biased
50	50 krad(Si) unbiased
50.1	50 krad(Si) biased
80	80 krad(Si) unbiased
80.1	80 krad(Si) biased
100	100 krad(Si) unbiased
100.1	100 krad(Si) biased

LDR Report
LM117HRLQMLV

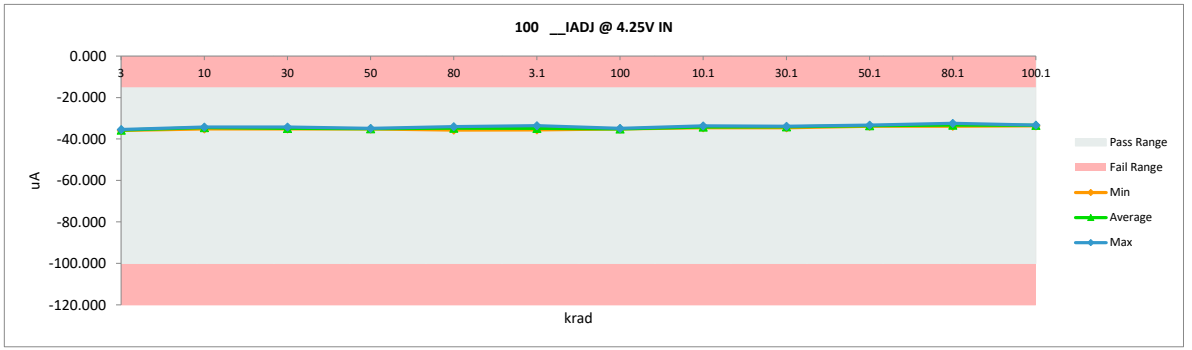
	100 __IADJ @ 4.25V IN	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	-15	-15
Min Limit	-100	-100

krad	Serial #	PRE	POST	Delta
3	332	-36.489	-35.878	0.611
3	333	-35.878	-35.878	0.000
3	334	-34.809	-35.420	-0.611
3	335	-35.420	-35.649	-0.229
3	336	-35.649	-35.649	0.000
3.1	327	-35.878	-33.586	2.292
3.1	328	-35.878	-34.961	0.917
3.1	329	-36.566	-35.343	1.222
3.1	330	-35.878	-35.649	0.229
3.1	331	-35.802	-34.961	0.840
10	1032	-36.489	-34.189	2.300
10	1033	-35.878	-35.106	0.772
10	1034	-34.809	-34.189	0.620
10	1035	-35.420	-34.571	0.849
10	1036	-35.649	-34.189	1.460
10.1	1027	-35.878	-34.189	1.689
10.1	1028	-35.878	-34.571	1.307
10.1	1029	-36.566	-33.654	2.911
10.1	1030	-35.878	-34.571	1.307
10.1	1031	-35.802	-33.883	1.918
30	3032	-36.489	-34.571	1.918
30	3033	-35.878	-35.182	0.696
30	3034	-34.809	-34.189	0.620
30	3035	-35.420	-35.182	0.237
30	3036	-35.649	-35.182	0.467
30.1	3027	-35.878	-34.189	1.689
30.1	3028	-35.878	-34.189	1.689
30.1	3029	-36.566	-34.571	1.995
30.1	3030	-35.878	-33.807	2.071
30.1	3031	-35.802	-33.883	1.918
50	5032	-36.489	-34.877	1.612
50	5033	-35.878	-35.182	0.696
50	5034	-34.809	-35.182	-0.374
50	5035	-35.420	-34.877	0.543
50	5036	-35.649	-35.182	0.467
50.1	5027	-35.878	-33.272	2.606
50.1	5028	-35.878	-33.348	2.530
50.1	5029	-36.566	-33.883	2.682
50.1	5030	-35.878	-33.883	1.995
50.1	5031	-35.802	-33.654	2.148
80	8032	-36.489	-34.877	1.612
80	8033	-35.878	-35.717	0.161
80	8034	-34.809	-34.571	0.238
80	8035	-35.420	-34.036	1.384
80	8036	-35.649	-34.571	1.078
80.1	8027	-35.878	-33.272	2.606
80.1	8028	-35.878	-32.432	3.446
80.1	8029	-36.566	-33.272	3.293
80.1	8030	-35.878	-33.654	2.224
80.1	8031	-35.802	-33.807	1.995
100	10032	-36.489	-35.182	1.307
100	10033	-35.878	-35.182	0.696



	100 __IADJ @ 4.25V	
Test Site		
Tester		
Test Number		
Max Limit	-15	uA
Min Limit	-100	uA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000
Min	-35.878	-35.106	-35.182	-35.182	-35.717	-35.649	-35.182	-34.571	-34.571	-33.883	-33.807	-33.654
Average	-35.695	-34.449	-34.861	-35.060	-34.754	-34.900	-35.121	-34.174	-34.128	-33.608	-33.287	-33.425
Max	-35.420	-34.189	-34.189	-34.877	-34.036	-33.586	-34.877	-33.654	-33.807	-33.272	-32.432	-33.272
UL	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000



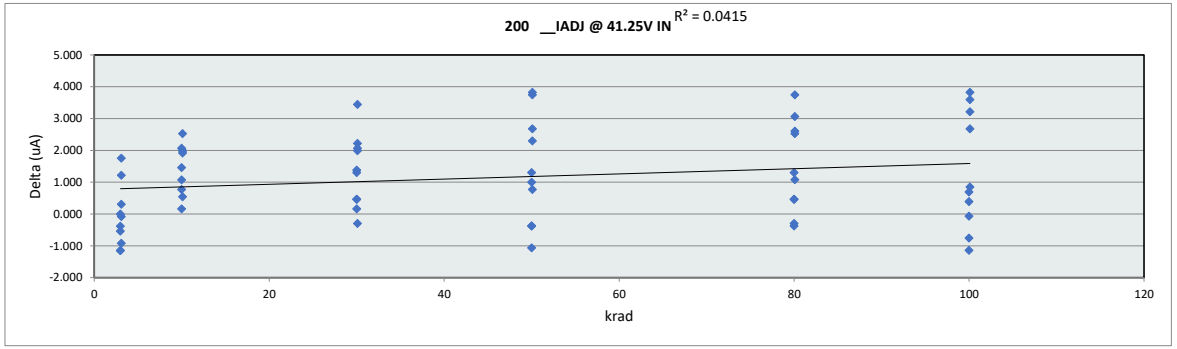
LDR Report
LM117HRLQMLV

100	10034	-34.809	-35.182	-0.374
100	10035	-35.420	-34.877	0.543
100	10036	-35.649	-35.182	0.467
100.1	10027	-35.878	-33.272	2.606
100.1	10028	-35.878	-33.272	2.606
100.1	10029	-36.566	-33.654	2.911
100.1	10030	-35.878	-33.272	2.606
100.1	10031	-35.802	-33.654	2.148
	Max	-34.809	-32.432	3.446
	Average	-35.825	-34.455	1.369
	Min	-36.566	-35.878	-0.611
	Std Dev	0.476	0.815	1.007

LDR Report
LM117HRLQMLV

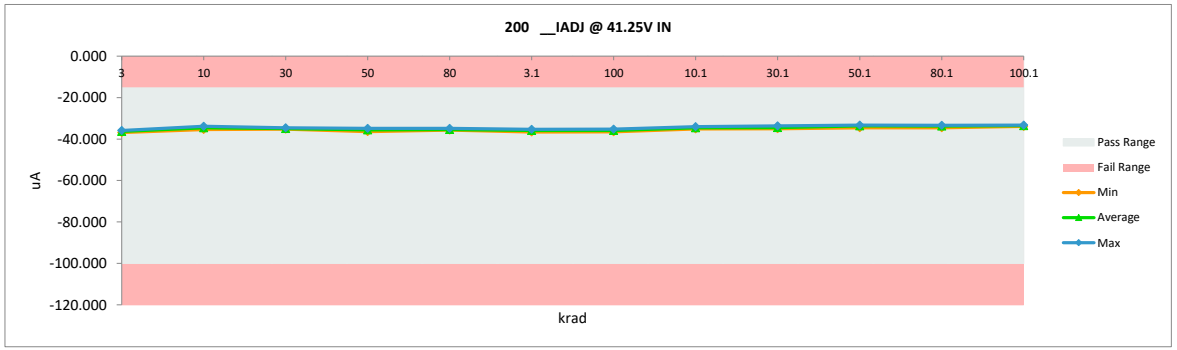
	200 __IADJ @ 41.25V IN	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	-15	-15
Min Limit	-100	-100

krad	Serial #	PRE	POST	Delta
3	332	-35.343	-36.489	-1.146
3	333	-36.489	-36.871	-0.382
3	334	-35.343	-36.489	-1.146
3	335	-35.343	-35.878	-0.535
3	336	-35.878	-35.878	0.000
3.1	327	-37.100	-35.343	1.757
3.1	328	-35.954	-36.031	-0.076
3.1	329	-34.732	-35.649	-0.917
3.1	330	-36.871	-36.566	0.306
3.1	331	-37.100	-35.878	1.222
10	1032	-35.343	-34.571	0.772
10	1033	-36.489	-35.412	1.078
10	1034	-35.343	-33.883	1.460
10	1035	-35.343	-35.182	0.161
10	1036	-35.878	-33.807	2.071
10.1	1027	-37.100	-34.571	2.529
10.1	1028	-35.954	-34.036	1.918
10.1	1029	-34.732	-34.189	0.543
10.1	1030	-36.871	-34.877	1.994
10.1	1031	-37.100	-35.106	1.994
30	3032	-35.343	-34.877	0.467
30	3033	-36.489	-35.106	1.383
30	3034	-35.343	-34.877	0.467
30	3035	-35.343	-35.182	0.161
30	3036	-35.878	-34.571	1.307
30.1	3027	-37.100	-34.877	2.224
30.1	3028	-35.954	-33.883	2.071
30.1	3029	-34.732	-35.029	-0.297
30.1	3030	-36.871	-34.877	1.994
30.1	3031	-37.100	-33.654	3.446
50	5032	-35.343	-35.717	-0.374
50	5033	-36.489	-35.182	1.307
50	5034	-35.343	-35.717	-0.374
50	5035	-35.343	-36.405	-1.061
50	5036	-35.878	-34.877	1.001
50.1	5027	-37.100	-33.348	3.752
50.1	5028	-35.954	-33.272	2.682
50.1	5029	-34.732	-33.960	0.772
50.1	5030	-36.871	-34.571	2.300
50.1	5031	-37.100	-33.272	3.828
80	8032	-35.343	-35.717	-0.374
80	8033	-36.489	-35.182	1.307
80	8034	-35.343	-35.641	-0.297
80	8035	-35.343	-34.877	0.467
80	8036	-35.878	-35.412	0.467
80.1	8027	-37.100	-33.348	3.752
80.1	8028	-35.954	-33.348	2.606
80.1	8029	-34.732	-33.654	1.078
80.1	8030	-36.871	-33.807	3.064
80.1	8031	-37.100	-34.571	2.529
100	10032	-35.343	-35.412	-0.068
100	10033	-36.489	-36.099	0.390



	200 __IADJ @ 41.25	
Test Site		
Tester		
Test Number		
Max Limit	-15	uA
Min Limit	-100	uA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000	-100.000
Min	-36.871	-35.412	-35.182	-36.405	-35.717	-36.566	-36.481	-35.106	-35.029	-34.571	-34.571	-33.883
Average	-36.321	-34.571	-34.922	-35.580	-35.366	-35.893	-35.855	-34.556	-34.464	-33.685	-33.746	-33.517
Max	-35.878	-33.807	-34.571	-34.877	-34.877	-35.343	-35.182	-34.036	-33.654	-33.272	-33.348	-33.272
UL	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000	-15.000



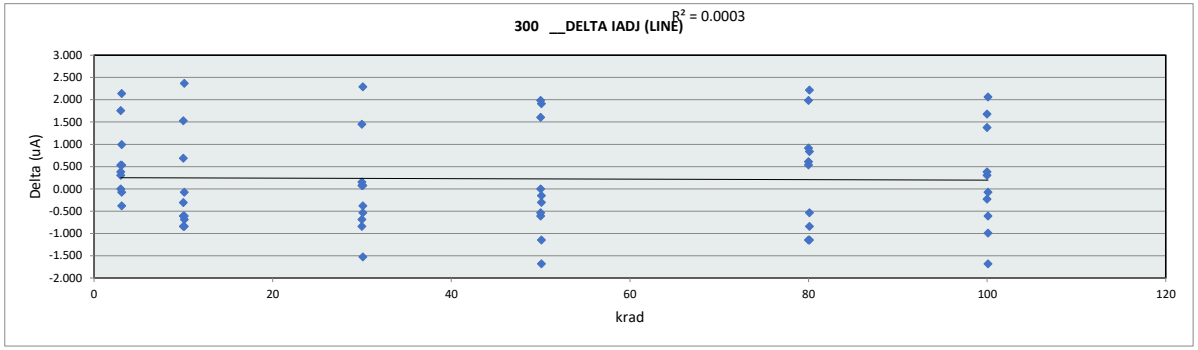
LDR Report
LM117HRLQMLV

100	10034	-35.343	-36.099	-0.756
100	10035	-35.343	-36.481	-1.138
100	10036	-35.878	-35.182	0.696
100.1	10027	-37.100	-33.883	3.217
100.1	10028	-35.954	-33.272	2.682
100.1	10029	-34.732	-33.883	0.849
100.1	10030	-36.871	-33.272	3.599
100.1	10031	-37.100	-33.272	3.828
	Max	-34.732	-33.272	3.828
	Average	-36.016	-34.873	1.143
	Min	-37.100	-36.871	-1.146
	Std Dev	0.803	1.015	1.429

LDR Report
LM117HRLQMLV

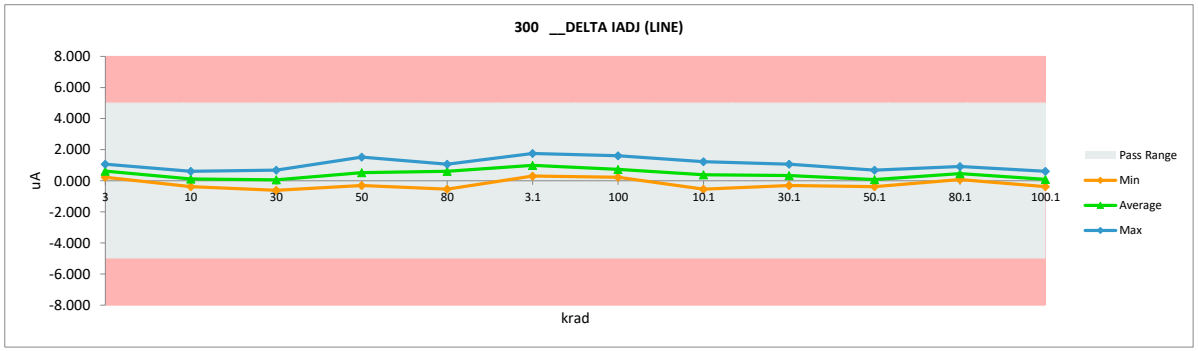
	300 __DELTA IADJ (LINE)	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

krad	Serial #	PRE	POST	Delta
3	332	-1.146	0.611	1.757
3	333	0.611	0.993	0.382
3	334	0.535	1.069	0.535
3	335	-0.076	0.229	0.306
3	336	0.229	0.229	0.000
3.1	327	1.222	1.757	0.535
3.1	328	0.076	1.069	0.993
3.1	329	-1.833	0.306	2.139
3.1	330	0.993	0.917	-0.076
3.1	331	1.299	0.917	-0.382
10	1032	-1.146	0.382	1.528
10	1033	0.611	0.306	-0.305
10	1034	0.535	-0.306	-0.840
10	1035	-0.076	0.611	0.688
10	1036	0.229	-0.382	-0.611
10.1	1027	1.222	0.382	-0.840
10.1	1028	0.076	-0.535	-0.611
10.1	1029	-1.833	0.535	2.368
10.1	1030	0.993	0.306	-0.687
10.1	1031	1.299	1.223	-0.076
30	3032	-1.146	0.306	1.451
30	3033	0.611	-0.076	-0.688
30	3034	0.535	0.688	0.153
30	3035	-0.076	0.000	0.076
30	3036	0.229	-0.611	-0.840
30.1	3027	1.222	0.688	-0.535
30.1	3028	0.076	-0.306	-0.382
30.1	3029	-1.833	0.458	2.292
30.1	3030	0.993	1.070	0.077
30.1	3031	1.299	-0.229	-1.528
50	5032	-1.146	0.840	1.986
50	5033	0.611	0.000	-0.611
50	5034	0.535	0.535	0.000
50	5035	-0.076	1.528	1.605
50	5036	0.229	-0.306	-0.535
50.1	5027	1.222	0.076	-1.146
50.1	5028	0.076	-0.076	-0.153
50.1	5029	-1.833	0.076	1.910
50.1	5030	0.993	0.688	-0.305
50.1	5031	1.299	-0.382	-1.681
80	8032	-1.146	0.840	1.986
80	8033	0.611	-0.535	-1.146
80	8034	0.535	1.070	0.535
80	8035	-0.076	0.841	0.917
80	8036	0.229	0.840	0.611
80.1	8027	1.222	0.076	-1.146
80.1	8028	0.076	0.917	0.841
80.1	8029	-1.833	0.382	2.215
80.1	8030	0.993	0.153	-0.840
80.1	8031	1.299	0.764	-0.535
100	10032	-1.146	0.229	1.375
100	10033	0.611	0.917	0.306



	300 __DELTA IADJ	
Test Site		
Tester		
Test Number		
Max Limit	5	uA
Min Limit	-5	uA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	0.229	-0.382	-0.611	-0.306	-0.535	0.306	0.229	-0.535	-0.306	-0.382	0.076	-0.382
Average	0.626	0.122	0.061	0.520	0.611	0.993	0.734	0.382	0.336	0.076	0.458	0.092
Max	1.069	0.611	0.688	1.528	1.070	1.757	1.605	1.223	1.070	0.688	0.917	0.611
UL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000



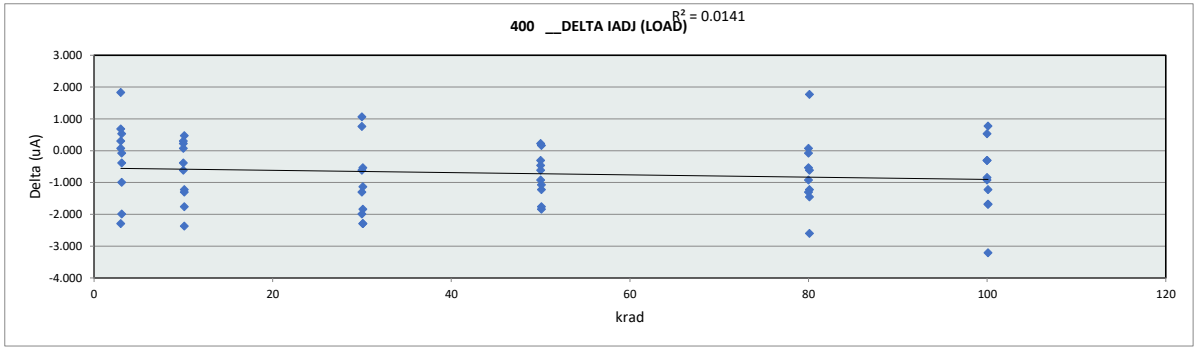
LDR Report
LM117HRLQMLV

100	10034	0.535	0.917	0.382
100	10035	-0.076	1.605	1.681
100	10036	0.229	0.000	-0.229
100.1	10027	1.222	0.611	-0.611
100.1	10028	0.076	0.000	-0.076
100.1	10029	-1.833	0.229	2.063
100.1	10030	0.993	0.000	-0.993
100.1	10031	1.299	-0.382	-1.681
	Max	1.299	1.757	2.368
	Average	0.191	0.418	0.227
	Min	-1.833	-0.611	-1.681
	Std Dev	0.967	0.557	1.106

LDR Report
LM117HRLQMLV

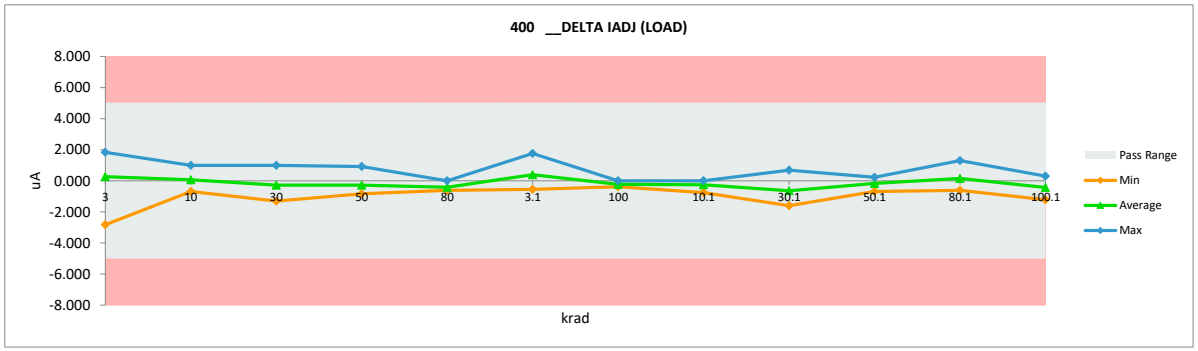
	400 __DELTA IADJ (LOAD)	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

krad	Serial #	PRE	POST	Delta
3	332	0.000	1.833	1.833
3	333	0.688	0.993	0.306
3	334	0.611	1.299	0.688
3	335	-0.076	0.000	0.076
3	336	-0.535	-2.826	-2.292
3.1	327	1.146	0.764	-0.382
3.1	328	-0.474	-0.550	-0.076
3.1	329	0.993	0.000	-0.993
3.1	330	1.222	1.757	0.535
3.1	331	1.986	0.000	-1.986
10	1032	0.000	-0.382	-0.382
10	1033	0.688	0.993	0.306
10	1034	0.611	0.688	0.077
10	1035	-0.076	-0.688	-0.611
10	1036	-0.535	-0.306	0.229
10.1	1027	1.146	-0.153	-1.299
10.1	1028	-0.474	0.000	0.474
10.1	1029	0.993	-0.764	-1.757
10.1	1030	1.222	0.000	-1.222
10.1	1031	1.986	-0.382	-2.368
30	3032	0.000	-1.299	-1.299
30	3033	0.688	-1.299	-1.986
30	3034	0.611	0.000	-0.611
30	3035	-0.076	0.993	1.070
30	3036	-0.535	0.229	0.764
30.1	3027	1.146	-0.688	-1.834
30.1	3028	-0.474	-1.605	-1.131
30.1	3029	0.993	-1.299	-2.292
30.1	3030	1.222	0.688	-0.535
30.1	3031	1.986	-0.306	-2.292
50	5032	0.000	-0.611	-0.611
50	5033	0.688	0.917	0.229
50	5034	0.611	-0.306	-0.917
50	5035	-0.076	-0.535	-0.458
50	5036	-0.535	-0.840	-0.306
50.1	5027	1.146	-0.688	-1.834
50.1	5028	-0.474	-0.306	0.168
50.1	5029	0.993	-0.229	-1.222
50.1	5030	1.222	0.153	-1.069
50.1	5031	1.986	0.229	-1.757
80	8032	0.000	-0.535	-0.535
80	8033	0.688	-0.611	-1.299
80	8034	0.611	-0.306	-0.917
80	8035	-0.076	0.000	0.076
80	8036	-0.535	-0.611	-0.077
80.1	8027	1.146	-0.306	-1.451
80.1	8028	-0.474	1.299	1.773
80.1	8029	0.993	0.382	-0.611
80.1	8030	1.222	0.000	-1.222
80.1	8031	1.986	-0.611	-2.597
100	10032	0.000	-0.306	-0.306
100	10033	0.688	-0.229	-0.917



	400 __DELTA IADJ	
Test Site		
Tester		
Test Number		
Max Limit	5	uA
Min Limit	-5	uA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-2.826	-0.688	-1.299	-0.840	-0.611	-0.550	-0.382	-0.764	-1.605	-0.688	-0.611	-1.223
Average	0.260	0.061	-0.275	-0.275	-0.413	0.394	-0.229	-0.260	-0.642	-0.168	0.153	-0.428
Max	1.833	0.993	0.993	0.917	0.000	1.757	0.000	0.000	0.688	0.229	1.299	0.306
UL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000



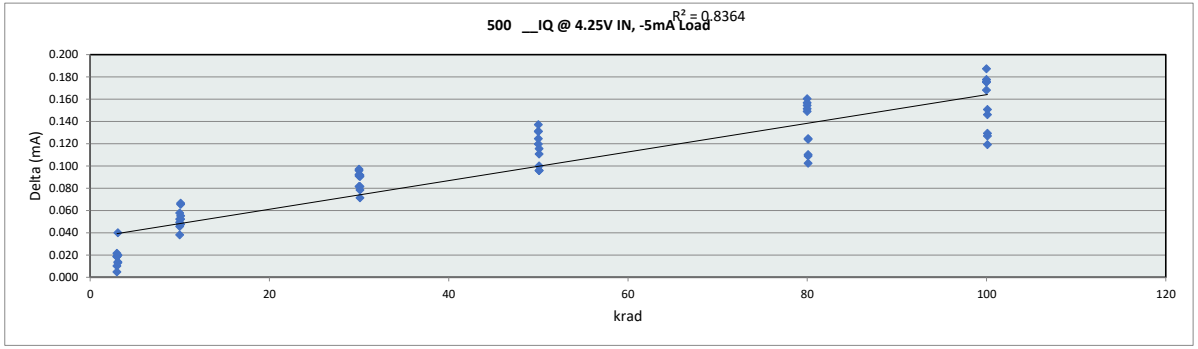
LDR Report
LM117HRLQMLV

100	10034	0.611	-0.229	-0.840
100	10035	-0.076	-0.382	-0.306
100	10036	-0.535	0.000	0.535
100.1	10027	1.146	-0.535	-1.681
100.1	10028	-0.474	0.306	0.779
100.1	10029	0.993	-0.688	-1.681
100.1	10030	1.222	0.000	-1.222
100.1	10031	1.986	-1.223	-3.209
	Max	1.986	1.833	1.833
	Average	0.556	-0.152	-0.708
	Min	-0.535	-2.826	-3.209
	Std Dev	0.782	0.806	1.072

LDR Report
LM117HRLQMLV

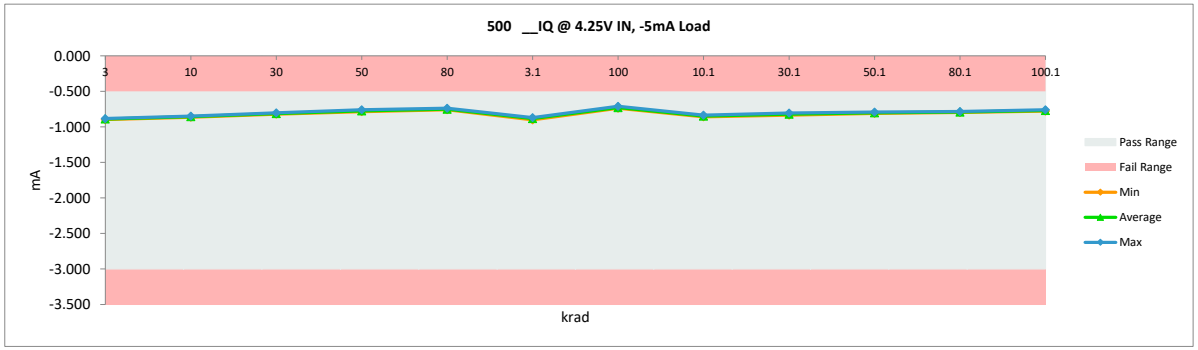
	500 __IQ @ 4.25V IN, -5mA Loa	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	-0.5	-0.5
Min Limit	-3	-3

krad	Serial #	PRE	POST	Delta
3	332	-0.913	-0.891	0.021
3	333	-0.902	-0.897	0.005
3	334	-0.897	-0.887	0.010
3	335	-0.900	-0.882	0.019
3	336	-0.911	-0.893	0.019
3.1	327	-0.910	-0.870	0.040
3.1	328	-0.901	-0.881	0.020
3.1	329	-0.906	-0.892	0.014
3.1	330	-0.921	-0.901	0.020
3.1	331	-0.887	-0.873	0.013
10	1032	-0.913	-0.855	0.058
10	1033	-0.902	-0.864	0.038
10	1034	-0.897	-0.851	0.046
10	1035	-0.900	-0.848	0.052
10	1036	-0.911	-0.862	0.049
10.1	1027	-0.910	-0.844	0.067
10.1	1028	-0.901	-0.846	0.055
10.1	1029	-0.906	-0.858	0.048
10.1	1030	-0.921	-0.855	0.065
10.1	1031	-0.887	-0.834	0.052
30	3032	-0.913	-0.817	0.096
30	3033	-0.902	-0.820	0.081
30	3034	-0.897	-0.805	0.092
30	3035	-0.900	-0.803	0.097
30	3036	-0.911	-0.820	0.091
30.1	3027	-0.910	-0.820	0.090
30.1	3028	-0.901	-0.822	0.078
30.1	3029	-0.906	-0.834	0.071
30.1	3030	-0.921	-0.829	0.092
30.1	3031	-0.887	-0.805	0.081
50	5032	-0.913	-0.782	0.131
50	5033	-0.902	-0.782	0.120
50	5034	-0.897	-0.760	0.137
50	5035	-0.900	-0.769	0.131
50	5036	-0.911	-0.787	0.124
50.1	5027	-0.910	-0.795	0.116
50.1	5028	-0.901	-0.801	0.100
50.1	5029	-0.906	-0.810	0.096
50.1	5030	-0.921	-0.810	0.111
50.1	5031	-0.887	-0.791	0.096
80	8032	-0.913	-0.759	0.154
80	8033	-0.902	-0.753	0.149
80	8034	-0.897	-0.736	0.160
80	8035	-0.900	-0.744	0.157
80	8036	-0.911	-0.760	0.151
80.1	8027	-0.910	-0.787	0.124
80.1	8028	-0.901	-0.791	0.110
80.1	8029	-0.906	-0.797	0.109
80.1	8030	-0.921	-0.796	0.124
80.1	8031	-0.887	-0.784	0.102
100	10032	-0.913	-0.738	0.175
100	10033	-0.902	-0.733	0.168



	500 __IQ @ 4.25V I	
Test Site		
Tester		
Test Number		
Max Limit	-0.5	mA
Min Limit	-3	mA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000
Min	-0.897	-0.864	-0.820	-0.787	-0.760	-0.901	-0.738	-0.858	-0.834	-0.810	-0.797	-0.779
Average	-0.890	-0.856	-0.813	-0.776	-0.750	-0.884	-0.728	-0.847	-0.822	-0.801	-0.791	-0.770
Max	-0.882	-0.848	-0.803	-0.760	-0.736	-0.870	-0.710	-0.834	-0.805	-0.791	-0.784	-0.760
UL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500



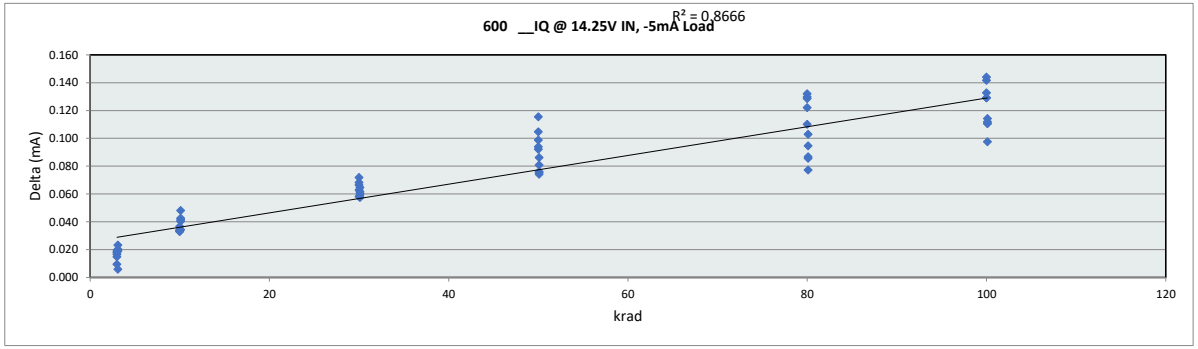
LDR Report
LM117HRLQMLV

100	10034	-0.897	-0.710	0.187
100	10035	-0.900	-0.725	0.176
100	10036	-0.911	-0.733	0.178
100.1	10027	-0.910	-0.760	0.151
100.1	10028	-0.901	-0.772	0.129
100.1	10029	-0.906	-0.779	0.127
100.1	10030	-0.921	-0.775	0.146
100.1	10031	-0.887	-0.768	0.119
	Max	-0.887	-0.710	0.187
	Average	-0.905	-0.811	0.094
	Min	-0.921	-0.901	0.005
	Std Dev	0.009	0.050	0.050

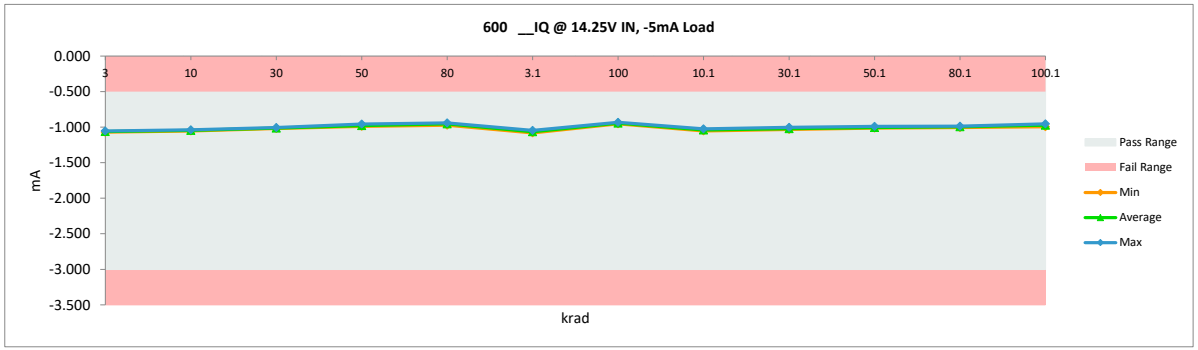
LDR Report
LM117HRLQMLV

	600 __IQ @ 14.25V IN, -5mA Lo	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	-0.5	-0.5
Min Limit	-3	-3

krad	Serial #	PRE	POST	Delta
3	332	-1.083	-1.064	0.019
3	333	-1.078	-1.068	0.010
3	334	-1.073	-1.058	0.015
3	335	-1.072	-1.054	0.018
3	336	-1.088	-1.071	0.017
3.1	327	-1.082	-1.061	0.020
3.1	328	-1.090	-1.071	0.019
3.1	329	-1.092	-1.068	0.023
3.1	330	-1.088	-1.082	0.006
3.1	331	-1.064	-1.045	0.020
10	1032	-1.083	-1.049	0.034
10	1033	-1.078	-1.045	0.033
10	1034	-1.073	-1.036	0.037
10	1035	-1.072	-1.039	0.033
10	1036	-1.088	-1.053	0.034
10.1	1027	-1.082	-1.039	0.043
10.1	1028	-1.090	-1.042	0.048
10.1	1029	-1.092	-1.051	0.040
10.1	1030	-1.088	-1.053	0.034
10.1	1031	-1.064	-1.023	0.041
30	3032	-1.083	-1.020	0.063
30	3033	-1.078	-1.020	0.058
30	3034	-1.073	-1.005	0.068
30	3035	-1.072	-1.005	0.067
30	3036	-1.088	-1.016	0.072
30.1	3027	-1.082	-1.020	0.062
30.1	3028	-1.090	-1.025	0.065
30.1	3029	-1.092	-1.032	0.059
30.1	3030	-1.088	-1.030	0.058
30.1	3031	-1.064	-1.004	0.061
50	5032	-1.083	-0.989	0.094
50	5033	-1.078	-0.986	0.092
50	5034	-1.073	-0.958	0.116
50	5035	-1.072	-0.967	0.105
50	5036	-1.088	-0.989	0.099
50.1	5027	-1.082	-1.005	0.076
50.1	5028	-1.090	-1.004	0.086
50.1	5029	-1.092	-1.011	0.081
50.1	5030	-1.088	-1.013	0.074
50.1	5031	-1.064	-0.989	0.076
80	8032	-1.083	-0.973	0.110
80	8033	-1.078	-0.956	0.122
80	8034	-1.073	-0.941	0.132
80	8035	-1.072	-0.943	0.129
80	8036	-1.088	-0.958	0.130
80.1	8027	-1.082	-0.987	0.095
80.1	8028	-1.090	-0.987	0.103
80.1	8029	-1.092	-1.006	0.086
80.1	8030	-1.088	-1.001	0.087
80.1	8031	-1.064	-0.987	0.077
100	10032	-1.083	-0.953	0.129
100	10033	-1.078	-0.949	0.129



	600 __IQ @ 14.25V											
Test Site												
Tester												
Test Number												
Max Limit	-0.5	mA										
Min Limit	-3	mA										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000
Min	-1.071	-1.053	-1.020	-0.989	-0.973	-1.082	-0.953	-1.053	-1.032	-1.013	-1.006	-0.994
Average	-1.063	-1.044	-1.013	-0.978	-0.954	-1.065	-0.943	-1.042	-1.022	-1.004	-0.993	-0.974
Max	-1.054	-1.036	-1.005	-0.958	-0.941	-1.045	-0.931	-1.023	-1.004	-0.989	-0.987	-0.953
UL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500



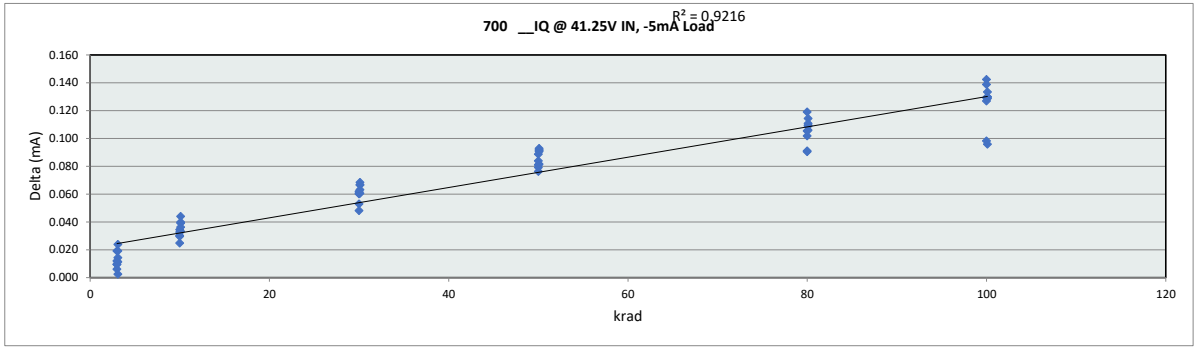
LDR Report
LM117HRLQMLV

100	10034	-1.073	-0.931	0.142
100	10035	-1.072	-0.939	0.133
100	10036	-1.088	-0.943	0.144
100.1	10027	-1.082	-0.967	0.114
100.1	10028	-1.090	-0.978	0.112
100.1	10029	-1.092	-0.994	0.098
100.1	10030	-1.088	-0.977	0.111
100.1	10031	-1.064	-0.953	0.111
	Max	-1.064	-0.931	0.144
	Average	-1.081	-1.008	0.073
	Min	-1.092	-1.082	0.006
	Std Dev	0.009	0.041	0.039

LDR Report
LM117HRLQMLV

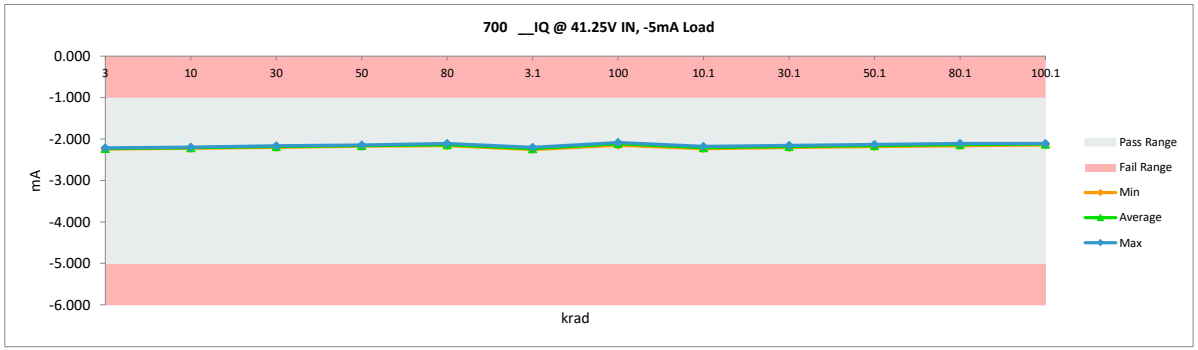
	700 __IQ @ 41.25V IN, -5mA Lo	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	-1	-1
Min Limit	-5	-5

krad	Serial #	PRE	POST	Delta
3	332	-2.247	-2.241	0.006
3	333	-2.247	-2.235	0.012
3	334	-2.226	-2.217	0.010
3	335	-2.232	-2.213	0.019
3	336	-2.247	-2.237	0.010
3.1	327	-2.237	-2.235	0.002
3.1	328	-2.241	-2.222	0.019
3.1	329	-2.271	-2.247	0.024
3.1	330	-2.265	-2.254	0.011
3.1	331	-2.213	-2.199	0.014
10	1032	-2.247	-2.222	0.025
10	1033	-2.247	-2.216	0.030
10	1034	-2.226	-2.194	0.033
10	1035	-2.232	-2.198	0.034
10	1036	-2.247	-2.217	0.030
10.1	1027	-2.237	-2.197	0.040
10.1	1028	-2.241	-2.202	0.039
10.1	1029	-2.271	-2.227	0.044
10.1	1030	-2.265	-2.232	0.033
10.1	1031	-2.213	-2.177	0.036
30	3032	-2.247	-2.199	0.048
30	3033	-2.247	-2.194	0.053
30	3034	-2.226	-2.164	0.062
30	3035	-2.232	-2.172	0.061
30	3036	-2.247	-2.187	0.060
30.1	3027	-2.237	-2.170	0.067
30.1	3028	-2.241	-2.175	0.067
30.1	3029	-2.271	-2.202	0.068
30.1	3030	-2.265	-2.202	0.063
30.1	3031	-2.213	-2.153	0.061
50	5032	-2.247	-2.167	0.079
50	5033	-2.247	-2.170	0.076
50	5034	-2.226	-2.145	0.081
50	5035	-2.232	-2.148	0.084
50	5036	-2.247	-2.158	0.089
50.1	5027	-2.237	-2.145	0.092
50.1	5028	-2.241	-2.148	0.093
50.1	5029	-2.271	-2.179	0.092
50.1	5030	-2.265	-2.175	0.091
50.1	5031	-2.213	-2.132	0.081
80	8032	-2.247	-2.145	0.102
80	8033	-2.247	-2.156	0.090
80	8034	-2.226	-2.107	0.119
80	8035	-2.232	-2.127	0.105
80	8036	-2.247	-2.156	0.091
80.1	8027	-2.237	-2.126	0.111
80.1	8028	-2.241	-2.132	0.109
80.1	8029	-2.271	-2.161	0.110
80.1	8030	-2.265	-2.151	0.114
80.1	8031	-2.213	-2.107	0.106
100	10032	-2.247	-2.148	0.098
100	10033	-2.247	-2.120	0.127



	700 __IQ @ 41.25V	
Test Site		
Tester		
Test Number		
Max Limit	-1	mA
Min Limit	-5	mA

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-2.241	-2.222	-2.199	-2.170	-2.156	-2.254	-2.148	-2.232	-2.202	-2.179	-2.161	-2.141
Average	-2.229	-2.209	-2.183	-2.158	-2.138	-2.231	-2.113	-2.207	-2.180	-2.156	-2.136	-2.122
Max	-2.213	-2.194	-2.164	-2.145	-2.107	-2.199	-2.084	-2.177	-2.153	-2.132	-2.107	-2.107
UL	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000



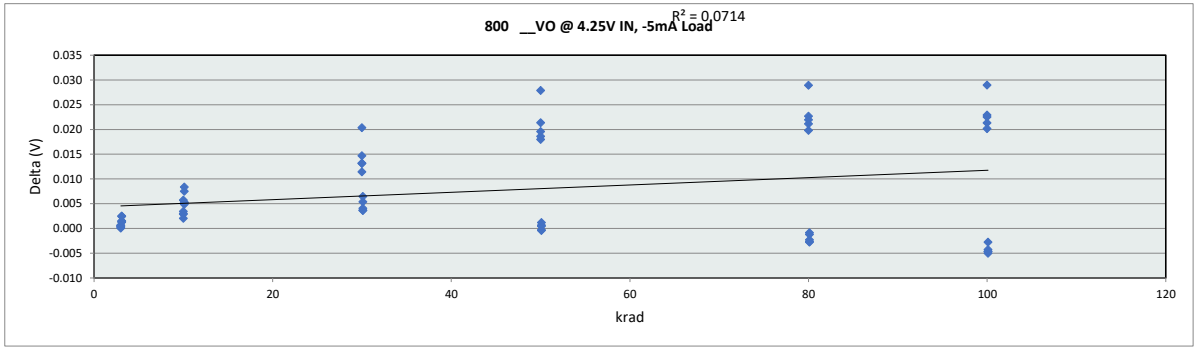
LDR Report
LM117HRLQMLV

100	10034	-2.226	-2.084	0.142
100	10035	-2.232	-2.094	0.139
100	10036	-2.247	-2.117	0.129
100.1	10027	-2.237	-2.107	0.130
100.1	10028	-2.241	-2.113	0.129
100.1	10029	-2.271	-2.141	0.130
100.1	10030	-2.265	-2.132	0.133
100.1	10031	-2.213	-2.117	0.096
	Max	-2.213	-2.084	0.142
	Average	-2.243	-2.172	0.071
	Min	-2.271	-2.254	0.002
	Std Dev	0.016	0.043	0.040

LDR Report
LM117HRLQMLV

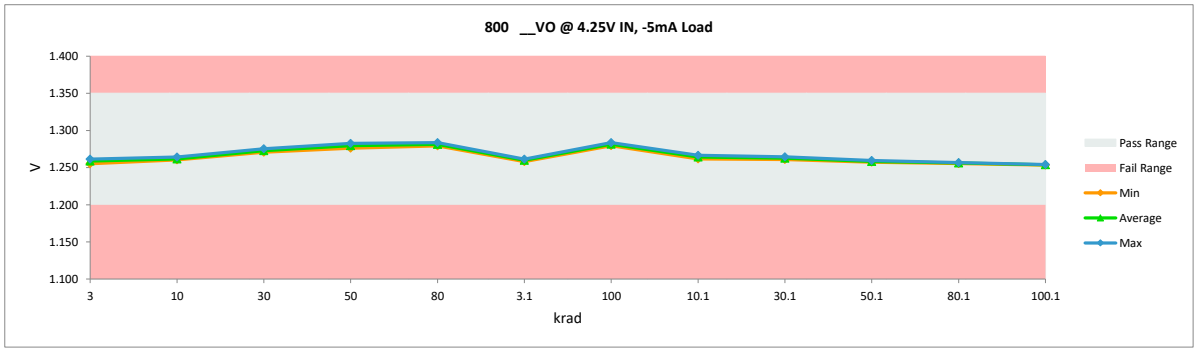
	800 __VO @ 4.25V IN, -5mA Loa	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	332	1.258	1.258	0.000
3	333	1.260	1.261	0.000
3	334	1.255	1.255	0.001
3	335	1.261	1.261	0.001
3	336	1.258	1.258	0.000
3.1	327	1.259	1.262	0.002
3.1	328	1.258	1.260	0.002
3.1	329	1.259	1.260	0.001
3.1	330	1.258	1.260	0.003
3.1	331	1.257	1.258	0.001
10	1032	1.258	1.261	0.003
10	1033	1.260	1.263	0.002
10	1034	1.255	1.260	0.006
10	1035	1.261	1.264	0.003
10	1036	1.258	1.261	0.003
10.1	1027	1.259	1.267	0.008
10.1	1028	1.258	1.263	0.005
10.1	1029	1.259	1.264	0.005
10.1	1030	1.258	1.266	0.008
10.1	1031	1.257	1.262	0.005
30	3032	1.258	1.271	0.013
30	3033	1.260	1.272	0.011
30	3034	1.255	1.275	0.020
30	3035	1.261	1.275	0.015
30	3036	1.258	1.271	0.013
30.1	3027	1.259	1.264	0.005
30.1	3028	1.258	1.262	0.004
30.1	3029	1.259	1.262	0.004
30.1	3030	1.258	1.264	0.006
30.1	3031	1.257	1.261	0.004
50	5032	1.258	1.276	0.019
50	5033	1.260	1.278	0.018
50	5034	1.255	1.283	0.028
50	5035	1.261	1.282	0.021
50	5036	1.258	1.278	0.020
50.1	5027	1.259	1.260	0.001
50.1	5028	1.258	1.258	0.000
50.1	5029	1.259	1.258	0.000
50.1	5030	1.258	1.259	0.001
50.1	5031	1.257	1.257	0.000
80	8032	1.258	1.280	0.022
80	8033	1.260	1.280	0.020
80	8034	1.255	1.284	0.029
80	8035	1.261	1.283	0.023
80	8036	1.258	1.279	0.021
80.1	8027	1.259	1.256	-0.003
80.1	8028	1.258	1.255	-0.003
80.1	8029	1.259	1.256	-0.002
80.1	8030	1.258	1.257	-0.001
80.1	8031	1.257	1.256	-0.001
100	10032	1.258	1.280	0.023
100	10033	1.260	1.281	0.020



	800 __VO @ 4.25V I	
Test Site		
Tester		
Test Number		
Max Limit	1.35	V
Min Limit	1.2	V

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.255	1.260	1.271	1.276	1.279	1.258	1.279	1.262	1.261	1.257	1.255	1.253
Average	1.259	1.262	1.273	1.279	1.281	1.260	1.282	1.264	1.263	1.258	1.256	1.254
Max	1.261	1.264	1.275	1.283	1.284	1.262	1.284	1.267	1.264	1.260	1.257	1.254
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



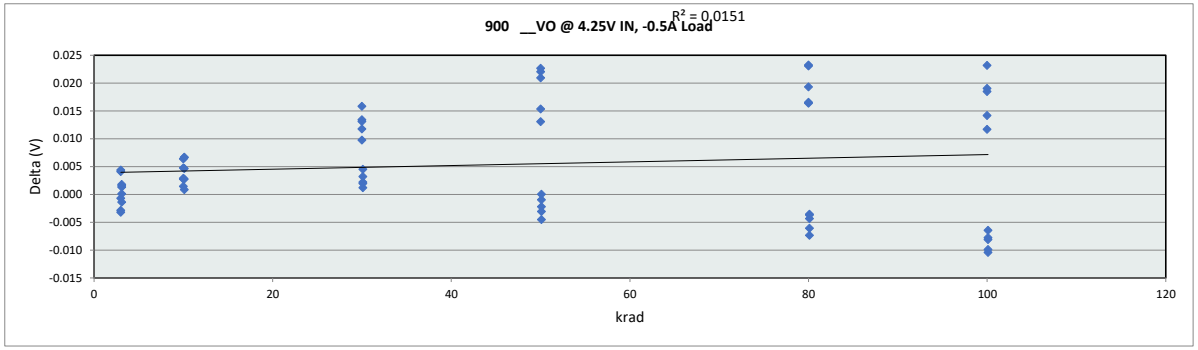
LDR Report
LM117HRLQMLV

100	10034	1.255	1.284	0.029
100	10035	1.261	1.284	0.023
100	10036	1.258	1.279	0.021
100.1	10027	1.259	1.254	-0.005
100.1	10028	1.258	1.253	-0.005
100.1	10029	1.259	1.254	-0.005
100.1	10030	1.258	1.254	-0.004
100.1	10031	1.257	1.254	-0.003
	Max	1.261	1.284	0.029
	Average	1.258	1.266	0.008
	Min	1.255	1.253	-0.005
	Std Dev	0.002	0.010	0.010

LDR Report
LM117HRLQMLV

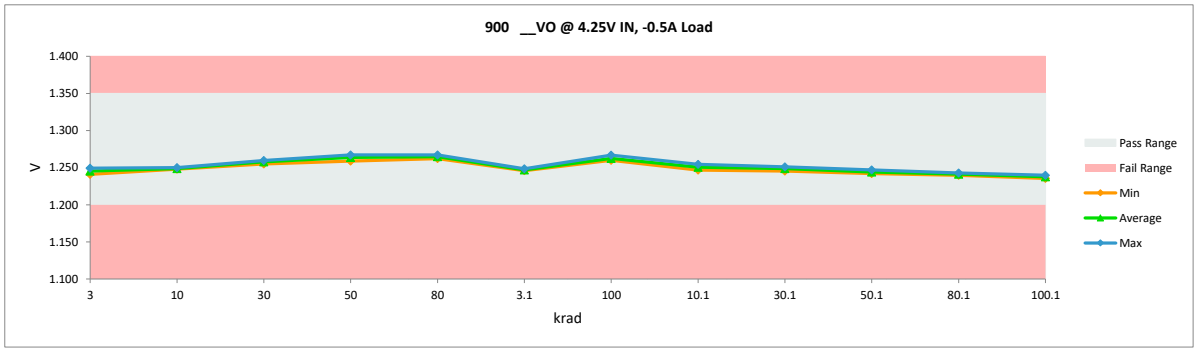
	900 __VO @ 4.25V IN, -0.5A Loa	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	332	1.242	1.246	0.004
3	333	1.249	1.248	-0.001
3	334	1.244	1.241	-0.003
3	335	1.245	1.249	0.004
3	336	1.246	1.243	-0.003
3.1	327	1.248	1.247	-0.001
3.1	328	1.246	1.246	0.000
3.1	329	1.247	1.249	0.001
3.1	330	1.246	1.247	0.002
3.1	331	1.244	1.246	0.002
10	1032	1.242	1.248	0.006
10	1033	1.249	1.250	0.001
10	1034	1.244	1.249	0.005
10	1035	1.245	1.248	0.003
10	1036	1.246	1.249	0.003
10.1	1027	1.248	1.255	0.007
10.1	1028	1.246	1.247	0.001
10.1	1029	1.247	1.250	0.003
10.1	1030	1.246	1.252	0.007
10.1	1031	1.244	1.249	0.005
30	3032	1.242	1.255	0.013
30	3033	1.249	1.258	0.010
30	3034	1.244	1.260	0.016
30	3035	1.245	1.259	0.013
30	3036	1.246	1.258	0.012
30.1	3027	1.248	1.251	0.003
30.1	3028	1.246	1.248	0.002
30.1	3029	1.247	1.249	0.002
30.1	3030	1.246	1.250	0.005
30.1	3031	1.244	1.245	0.001
50	5032	1.242	1.263	0.021
50	5033	1.249	1.264	0.015
50	5034	1.244	1.266	0.023
50	5035	1.245	1.267	0.022
50	5036	1.246	1.259	0.013
50.1	5027	1.248	1.247	-0.001
50.1	5028	1.246	1.243	-0.003
50.1	5029	1.247	1.243	-0.005
50.1	5030	1.246	1.246	0.000
50.1	5031	1.244	1.242	-0.002
80	8032	1.242	1.265	0.023
80	8033	1.249	1.265	0.017
80	8034	1.244	1.267	0.023
80	8035	1.245	1.264	0.019
80	8036	1.246	1.262	0.016
80.1	8027	1.248	1.241	-0.007
80.1	8028	1.246	1.240	-0.006
80.1	8029	1.247	1.243	-0.004
80.1	8030	1.246	1.242	-0.004
80.1	8031	1.244	1.241	-0.004
100	10032	1.242	1.260	0.018
100	10033	1.249	1.260	0.012



	900 __VO @ 4.25V I	
Test Site		
Tester		
Test Number		
Max Limit	1.35	V
Min Limit	1.2	V

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.241	1.248	1.255	1.259	1.262	1.246	1.260	1.247	1.245	1.242	1.240	1.235
Average	1.245	1.249	1.258	1.264	1.265	1.247	1.262	1.251	1.249	1.244	1.241	1.238
Max	1.249	1.250	1.260	1.267	1.267	1.249	1.267	1.255	1.251	1.247	1.243	1.240
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



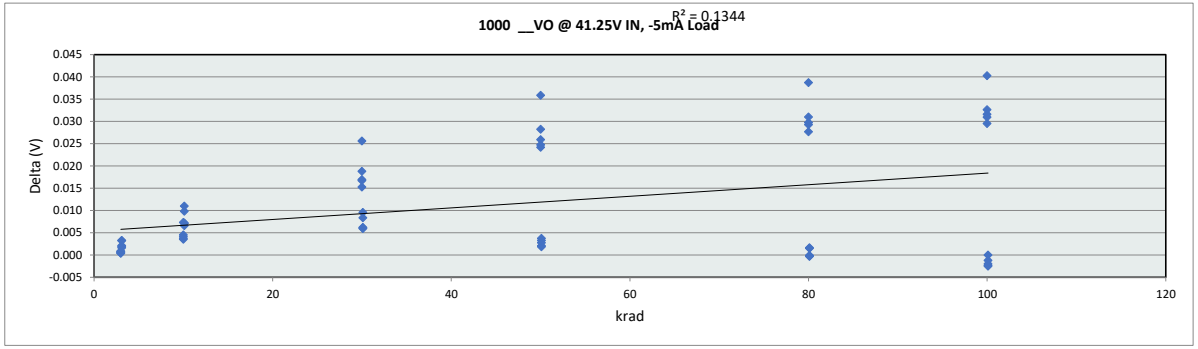
LDR Report
LM117HRLQMLV

100	10034	1.244	1.267	0.023
100	10035	1.245	1.264	0.019
100	10036	1.246	1.260	0.014
100.1	10027	1.248	1.240	-0.008
100.1	10028	1.246	1.235	-0.010
100.1	10029	1.247	1.237	-0.010
100.1	10030	1.246	1.238	-0.008
100.1	10031	1.244	1.238	-0.006
	Max	1.249	1.267	0.023
	Average	1.246	1.251	0.005
	Min	1.242	1.235	-0.010
	Std Dev	0.002	0.009	0.010

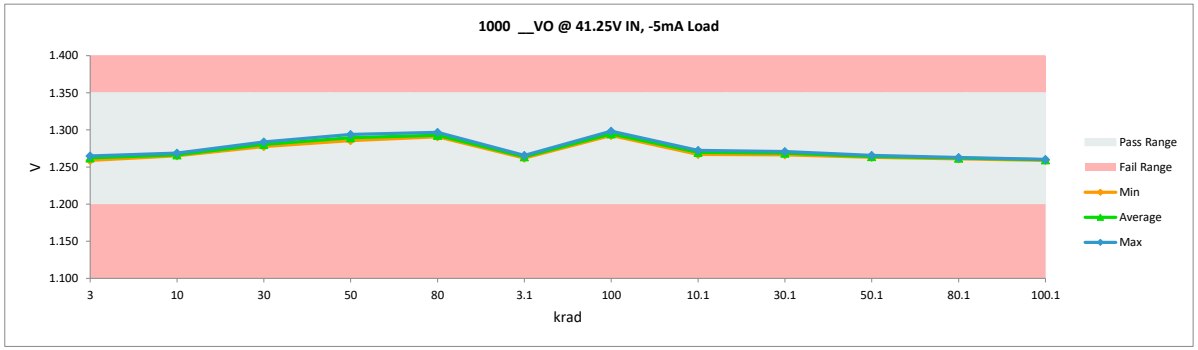
LDR Report
LM117HRLQMLV

	1000 __VO @ 41.25V IN, -5mA L	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	332	1.261	1.262	0.001
3	333	1.264	1.264	0.000
3	334	1.258	1.259	0.001
3	335	1.264	1.265	0.001
3	336	1.262	1.262	0.000
3.1	327	1.262	1.266	0.003
3.1	328	1.261	1.263	0.002
3.1	329	1.262	1.264	0.002
3.1	330	1.261	1.265	0.003
3.1	331	1.260	1.262	0.002
10	1032	1.261	1.265	0.004
10	1033	1.264	1.267	0.004
10	1034	1.258	1.265	0.007
10	1035	1.264	1.269	0.005
10	1036	1.262	1.265	0.004
10.1	1027	1.262	1.272	0.010
10.1	1028	1.261	1.269	0.007
10.1	1029	1.262	1.269	0.007
10.1	1030	1.261	1.272	0.011
10.1	1031	1.260	1.267	0.007
30	3032	1.261	1.278	0.017
30	3033	1.264	1.279	0.015
30	3034	1.258	1.284	0.026
30	3035	1.264	1.283	0.019
30	3036	1.262	1.279	0.017
30.1	3027	1.262	1.271	0.008
30.1	3028	1.261	1.267	0.006
30.1	3029	1.262	1.268	0.006
30.1	3030	1.261	1.271	0.010
30.1	3031	1.260	1.267	0.006
50	5032	1.261	1.286	0.025
50	5033	1.264	1.288	0.024
50	5034	1.258	1.294	0.036
50	5035	1.264	1.292	0.028
50	5036	1.262	1.287	0.026
50.1	5027	1.262	1.266	0.003
50.1	5028	1.261	1.263	0.002
50.1	5029	1.262	1.264	0.002
50.1	5030	1.261	1.265	0.004
50.1	5031	1.260	1.263	0.003
80	8032	1.261	1.291	0.030
80	8033	1.264	1.291	0.028
80	8034	1.258	1.297	0.039
80	8035	1.264	1.295	0.031
80	8036	1.262	1.291	0.029
80.1	8027	1.262	1.262	0.000
80.1	8028	1.261	1.261	0.000
80.1	8029	1.262	1.262	0.000
80.1	8030	1.261	1.263	0.002
80.1	8031	1.260	1.262	0.002
100	10032	1.261	1.293	0.032
100	10033	1.264	1.293	0.030



	1000 __VO @ 41.25V											
Test Site												
Tester												
Test Number												
Max Limit	1.35	V										
Min Limit	1.2	V										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.259	1.265	1.278	1.286	1.291	1.262	1.293	1.267	1.267	1.263	1.261	1.259
Average	1.262	1.266	1.280	1.289	1.293	1.264	1.295	1.270	1.269	1.264	1.262	1.260
Max	1.265	1.269	1.284	1.294	1.297	1.266	1.298	1.272	1.271	1.266	1.263	1.260
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



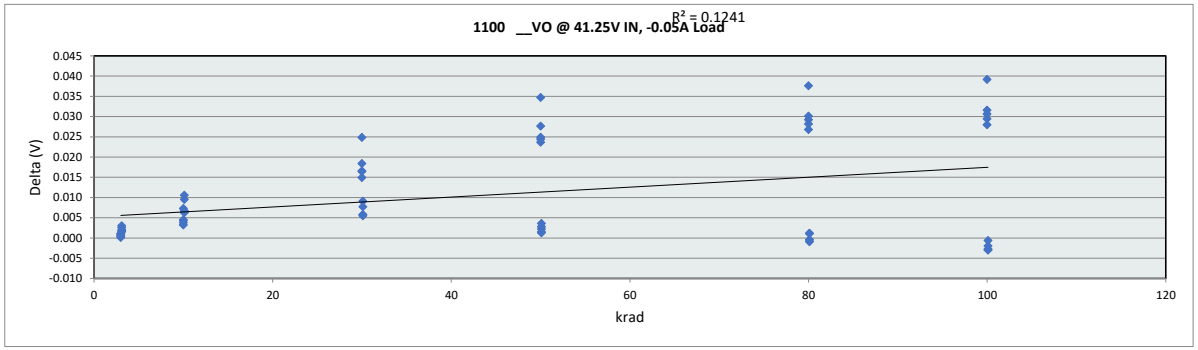
LDR Report
LM117HRLQMLV

100	10034	1.258	1.298	0.040
100	10035	1.264	1.297	0.033
100	10036	1.262	1.293	0.031
100.1	10027	1.262	1.260	-0.002
100.1	10028	1.261	1.259	-0.002
100.1	10029	1.262	1.260	-0.002
100.1	10030	1.261	1.260	-0.001
100.1	10031	1.260	1.260	0.000
	Max	1.264	1.298	0.040
	Average	1.262	1.273	0.011
	Min	1.258	1.259	-0.002
	Std Dev	0.002	0.013	0.013

LDR Report
LM117HRLQMLV

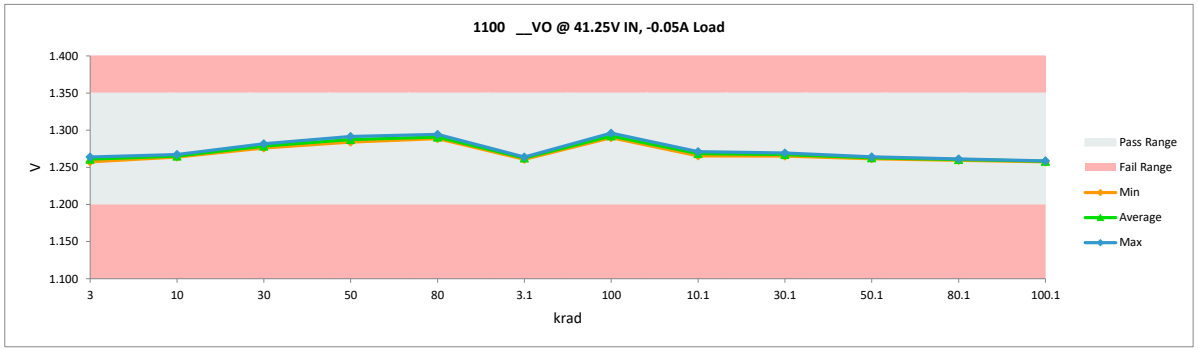
	1100 __VO @ 41.25V IN, -0.05A	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	332	1.259	1.261	0.001
3	333	1.262	1.263	0.000
3	334	1.257	1.257	0.001
3	335	1.263	1.264	0.001
3	336	1.260	1.261	0.000
3.1	327	1.261	1.264	0.003
3.1	328	1.260	1.262	0.002
3.1	329	1.261	1.263	0.002
3.1	330	1.260	1.263	0.003
3.1	331	1.259	1.261	0.002
10	1032	1.259	1.264	0.004
10	1033	1.262	1.266	0.003
10	1034	1.257	1.264	0.007
10	1035	1.263	1.267	0.004
10	1036	1.260	1.264	0.004
10.1	1027	1.261	1.271	0.010
10.1	1028	1.260	1.267	0.007
10.1	1029	1.261	1.268	0.006
10.1	1030	1.260	1.271	0.011
10.1	1031	1.259	1.266	0.006
30	3032	1.259	1.276	0.017
30	3033	1.262	1.277	0.015
30	3034	1.257	1.282	0.025
30	3035	1.263	1.281	0.018
30	3036	1.260	1.277	0.016
30.1	3027	1.261	1.269	0.008
30.1	3028	1.260	1.266	0.006
30.1	3029	1.261	1.267	0.005
30.1	3030	1.260	1.269	0.009
30.1	3031	1.259	1.265	0.006
50	5032	1.259	1.284	0.024
50	5033	1.262	1.286	0.024
50	5034	1.257	1.292	0.035
50	5035	1.263	1.290	0.028
50	5036	1.260	1.285	0.025
50.1	5027	1.261	1.264	0.003
50.1	5028	1.260	1.262	0.001
50.1	5029	1.261	1.262	0.001
50.1	5030	1.260	1.264	0.004
50.1	5031	1.259	1.261	0.002
80	8032	1.259	1.289	0.029
80	8033	1.262	1.289	0.027
80	8034	1.257	1.294	0.038
80	8035	1.263	1.293	0.030
80	8036	1.260	1.289	0.028
80.1	8027	1.261	1.261	-0.001
80.1	8028	1.260	1.259	-0.001
80.1	8029	1.261	1.261	0.000
80.1	8030	1.260	1.261	0.001
80.1	8031	1.259	1.260	0.001
100	10032	1.259	1.290	0.031
100	10033	1.262	1.290	0.028



	1100 __VO @ 41.25	
Test Site		
Tester		
Test Number		
Max Limit	1.35	V
Min Limit	1.2	V

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.257	1.264	1.276	1.284	1.289	1.261	1.290	1.266	1.265	1.261	1.259	1.257
Average	1.261	1.265	1.279	1.287	1.291	1.263	1.292	1.268	1.267	1.263	1.260	1.258
Max	1.264	1.267	1.282	1.292	1.294	1.264	1.296	1.271	1.269	1.264	1.261	1.259
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



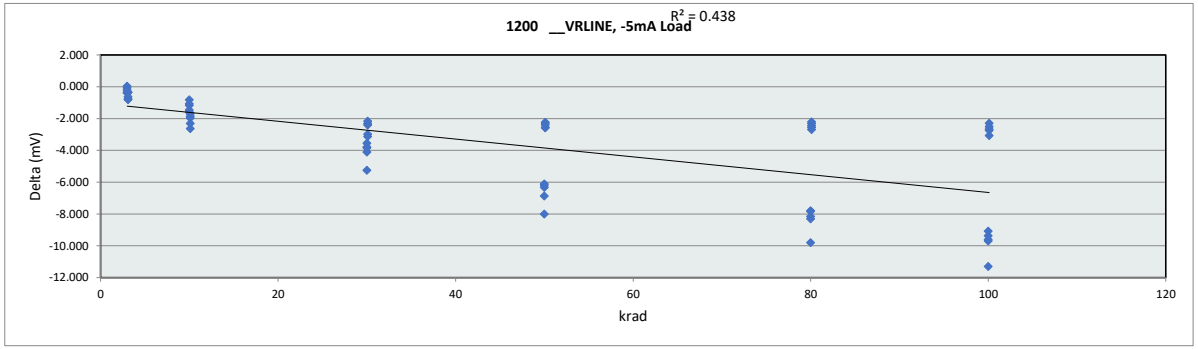
LDR Report
LM117HRLQMLV

100	10034	1.257	1.296	0.039
100	10035	1.263	1.294	0.032
100	10036	1.260	1.290	0.029
100.1	10027	1.261	1.258	-0.003
100.1	10028	1.260	1.257	-0.003
100.1	10029	1.261	1.258	-0.003
100.1	10030	1.260	1.258	-0.002
100.1	10031	1.259	1.259	-0.001
	Max	1.263	1.296	0.039
	Average	1.260	1.271	0.011
	Min	1.257	1.257	-0.003
	Std Dev	0.002	0.012	0.012

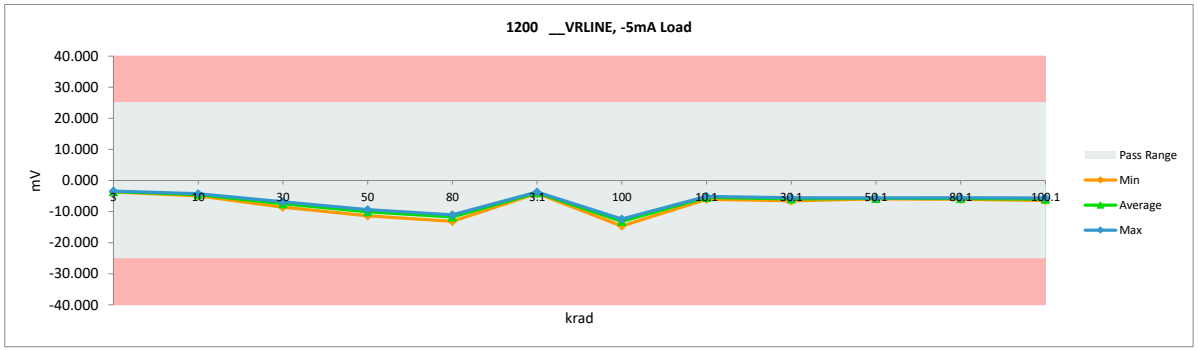
LDR Report
LM117HRLQMLV

	1200 __VRLINE, -5mA Load	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	25	25
Min Limit	-25	-25

krad	Serial #	PRE	POST	Delta
3	332	-3.310	-3.692	-0.381
3	333	-3.191	-3.554	-0.363
3	334	-3.357	-3.576	-0.219
3	335	-3.448	-3.411	0.036
3	336	-3.444	-3.521	-0.077
3.1	327	-3.257	-4.069	-0.813
3.1	328	-3.357	-3.715	-0.358
3.1	329	-3.330	-3.956	-0.626
3.1	330	-3.386	-4.145	-0.759
3.1	331	-3.395	-3.738	-0.343
10	1032	-3.310	-4.481	-1.171
10	1033	-3.191	-4.656	-1.465
10	1034	-3.357	-4.948	-1.591
10	1035	-3.448	-4.520	-1.073
10	1036	-3.444	-4.270	-0.826
10.1	1027	-3.257	-5.560	-2.303
10.1	1028	-3.357	-5.219	-1.862
10.1	1029	-3.330	-5.293	-1.963
10.1	1030	-3.386	-6.018	-2.632
10.1	1031	-3.395	-5.092	-1.697
30	3032	-3.310	-6.859	-3.549
30	3033	-3.191	-7.029	-3.838
30	3034	-3.357	-8.603	-5.246
30	3035	-3.448	-7.554	-4.107
30	3036	-3.444	-7.237	-3.794
30.1	3027	-3.257	-6.238	-2.981
30.1	3028	-3.357	-5.665	-2.308
30.1	3029	-3.330	-5.733	-2.403
30.1	3030	-3.386	-6.516	-3.130
30.1	3031	-3.395	-5.549	-2.154
50	5032	-3.310	-9.414	-6.104
50	5033	-3.191	-9.387	-6.196
50	5034	-3.357	-11.361	-8.004
50	5035	-3.448	-10.321	-6.873
50	5036	-3.444	-9.765	-6.321
50.1	5027	-3.257	-5.844	-2.587
50.1	5028	-3.357	-5.588	-2.231
50.1	5029	-3.330	-5.722	-2.392
50.1	5030	-3.386	-5.932	-2.546
50.1	5031	-3.395	-5.672	-2.277
80	8032	-3.310	-11.112	-7.802
80	8033	-3.191	-11.026	-7.835
80	8034	-3.357	-13.163	-9.806
80	8035	-3.448	-11.750	-8.303
80	8036	-3.444	-11.589	-8.145
80.1	8027	-3.257	-5.818	-2.562
80.1	8028	-3.357	-5.676	-2.319
80.1	8029	-3.330	-5.541	-2.211
80.1	8030	-3.386	-6.074	-2.688
80.1	8031	-3.395	-5.846	-2.451
100	10032	-3.310	-12.392	-9.082
100	10033	-3.191	-12.552	-9.361



	1200 __VRLINE, -5											
Test Site												
Tester												
Test Number												
Max Limit	25	mV										
Min Limit	-25	mV										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000	-25.000
Min	-3.692	-4.948	-8.603	-11.361	-13.163	-4.145	-14.650	-6.018	-6.516	-5.932	-6.074	-6.446
Average	-3.551	-4.575	-7.456	-10.049	-11.728	-3.925	-13.159	-5.436	-5.940	-5.752	-5.791	-5.996
Max	-3.411	-4.270	-6.859	-9.387	-11.026	-3.715	-12.392	-5.092	-5.549	-5.588	-5.541	-5.646
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000



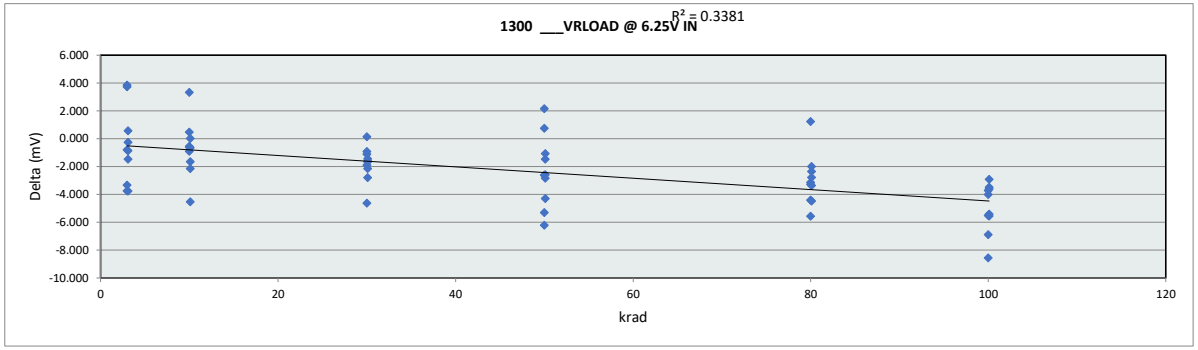
LDR Report
LM117HRLQMLV

100	10034	-3.357	-14.650	-11.293
100	10035	-3.448	-13.145	-9.698
100	10036	-3.444	-13.057	-9.613
100.1	10027	-3.257	-5.763	-2.506
100.1	10028	-3.357	-5.646	-2.289
100.1	10029	-3.330	-5.992	-2.662
100.1	10030	-3.386	-6.446	-3.060
100.1	10031	-3.395	-6.132	-2.737
	Max	-3.191	-3.411	0.036
	Average	-3.347	-6.947	-3.599
	Min	-3.448	-14.650	-11.293
	Std Dev	0.077	3.014	3.012

LDR Report
LM117HRLQMLV

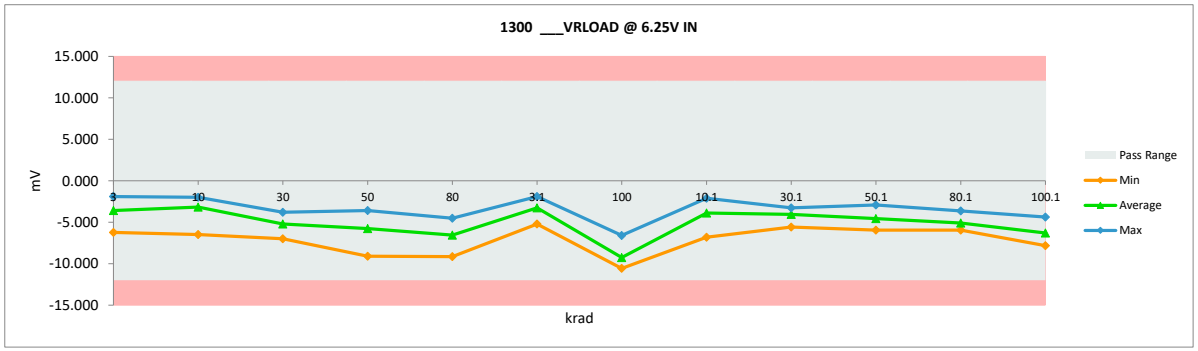
	1300 ___VRLOAD @ 6.25V IN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	12	12
Min Limit	-12	-12

krad	Serial #	PRE	POST	Delta
3	332	-5.747	-1.903	3.844
3	333	-2.008	-2.801	-0.793
3	334	-1.073	-4.814	-3.741
3	335	-5.871	-2.144	3.727
3	336	-2.876	-6.215	-3.340
3.1	327	-1.456	-5.219	-3.763
3.1	328	-2.275	-3.744	-1.470
3.1	329	-1.646	-1.903	-0.257
3.1	330	-2.369	-3.239	-0.870
3.1	331	-2.773	-2.209	0.564
10	1032	-5.747	-2.428	3.319
10	1033	-2.008	-2.560	-0.552
10	1034	-1.073	-1.979	-0.906
10	1035	-5.871	-6.470	-0.599
10	1036	-2.876	-2.404	0.471
10.1	1027	-1.456	-2.111	-0.655
10.1	1028	-2.275	-6.814	-4.539
10.1	1029	-1.646	-3.792	-2.146
10.1	1030	-2.369	-4.020	-1.651
10.1	1031	-2.773	-2.758	0.014
30	3032	-5.747	-5.613	0.134
30	3033	-2.008	-3.906	-1.898
30	3034	-1.073	-5.708	-4.635
30	3035	-5.871	-6.987	-1.116
30	3036	-2.876	-3.790	-0.915
30.1	3027	-1.456	-3.608	-2.152
30.1	3028	-2.275	-3.723	-1.449
30.1	3029	-1.646	-3.257	-1.611
30.1	3030	-2.369	-4.038	-1.669
30.1	3031	-2.773	-5.573	-2.800
50	5032	-5.747	-3.592	2.155
50	5033	-2.008	-4.622	-2.614
50	5034	-1.073	-6.376	-5.303
50	5035	-5.871	-5.118	0.753
50	5036	-2.876	-9.094	-6.219
50.1	5027	-1.456	-2.925	-1.470
50.1	5028	-2.275	-5.109	-2.834
50.1	5029	-1.646	-5.948	-4.302
50.1	5030	-2.369	-3.439	-1.070
50.1	5031	-2.773	-5.365	-2.592
80	8032	-5.747	-4.516	1.231
80	8033	-2.008	-5.144	-3.137
80	8034	-1.073	-6.636	-5.563
80	8035	-5.871	-9.153	-3.282
80	8036	-2.876	-7.292	-4.416
80.1	8027	-1.456	-5.938	-4.482
80.1	8028	-2.275	-5.632	-3.357
80.1	8029	-1.646	-3.639	-1.993
80.1	8030	-2.369	-4.727	-2.357
80.1	8031	-2.773	-5.556	-2.784
100	10032	-5.747	-9.753	-4.006
100	10033	-2.008	-10.566	-8.558



	1300 ___VRLOAD @	
Test Site		
Tester		
Test Number		
Max Limit	12	mV
Min Limit	-12	mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000
Min	-6.215	-6.470	-6.987	-9.094	-9.153	-5.219	-10.566	-6.814	-5.573	-5.948	-5.938	-7.824
Average	-3.576	-3.168	-5.201	-5.760	-6.548	-3.263	-9.252	-3.899	-4.040	-4.557	-5.098	-6.300
Max	-1.903	-1.979	-3.790	-3.592	-4.516	-1.903	-6.585	-2.111	-3.257	-2.925	-3.639	-4.382
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



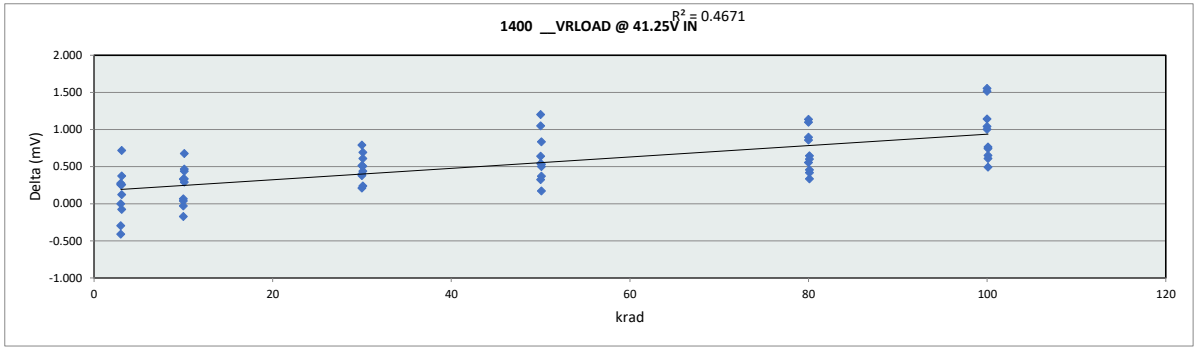
LDR Report
LM117HRLQMLV

100	10034	-1.073	-6.585	-5.512
100	10035	-5.871	-9.590	-3.719
100	10036	-2.876	-9.765	-6.889
100.1	10027	-1.456	-4.382	-2.927
100.1	10028	-2.275	-7.824	-5.549
100.1	10029	-1.646	-7.063	-5.417
100.1	10030	-2.369	-5.852	-3.483
100.1	10031	-2.773	-6.376	-3.604
	Max	-1.073	-1.903	3.844
	Average	-2.809	-5.055	-2.246
	Min	-5.871	-10.566	-8.558
	Std Dev	1.605	2.193	2.501

LDR Report
LM117HRLQMLV

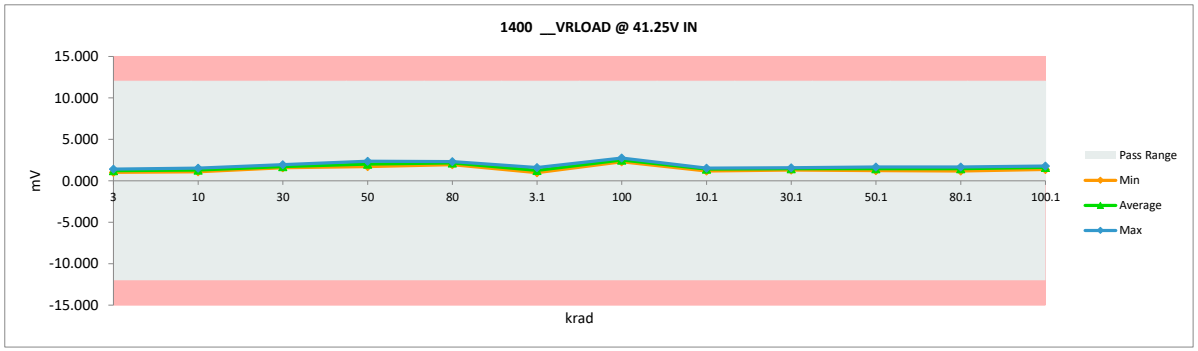
	1400 __VRLOAD @ 41.25V IN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	12	12
Min Limit	-12	-12

krad	Serial #	PRE	POST	Delta
3	332	1.402	1.106	-0.296
3	333	1.194	1.194	0.000
3	334	1.154	1.412	0.258
3	335	1.431	1.020	-0.410
3	336	1.116	1.392	0.277
3.1	327	0.882	1.601	0.719
3.1	328	1.059	0.983	-0.075
3.1	329	0.848	1.223	0.375
3.1	330	1.049	1.307	0.258
3.1	331	1.030	1.154	0.124
10	1032	1.402	1.230	-0.172
10	1033	1.194	1.526	0.332
10	1034	1.154	1.221	0.067
10	1035	1.431	1.468	0.037
10	1036	1.116	1.087	-0.029
10.1	1027	0.882	1.173	0.291
10.1	1028	1.059	1.527	0.468
10.1	1029	0.848	1.525	0.677
10.1	1030	1.049	1.488	0.439
10.1	1031	1.030	1.365	0.335
30	3032	1.402	1.613	0.211
30	3033	1.194	1.573	0.379
30	3034	1.154	1.945	0.791
30	3035	1.431	1.830	0.400
30	3036	1.116	1.630	0.514
30.1	3027	0.882	1.575	0.692
30.1	3028	1.059	1.298	0.239
30.1	3029	0.848	1.458	0.610
30.1	3030	1.049	1.555	0.506
30.1	3031	1.030	1.470	0.440
50	5032	1.402	1.727	0.325
50	5033	1.194	1.735	0.541
50	5034	1.154	2.357	1.203
50	5035	1.431	2.071	0.641
50	5036	1.116	2.165	1.049
50.1	5027	0.882	1.383	0.501
50.1	5028	1.059	1.429	0.370
50.1	5029	0.848	1.681	0.834
50.1	5030	1.049	1.221	0.172
50.1	5031	1.030	1.562	0.532
80	8032	1.402	1.957	0.555
80	8033	1.194	2.050	0.856
80	8034	1.154	2.291	1.137
80	8035	1.431	2.327	0.896
80	8036	1.116	2.214	1.099
80.1	8027	0.882	1.527	0.645
80.1	8028	1.059	1.660	0.602
80.1	8029	0.848	1.183	0.335
80.1	8030	1.049	1.468	0.419
80.1	8031	1.030	1.488	0.458
100	10032	1.402	2.403	1.001
100	10033	1.194	2.748	1.554



	1400 __VRLOAD @ 4	
Test Site		
Tester		
Test Number		
Max Limit	12	mV
Min Limit	-12	mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000
Min	1.020	1.087	1.573	1.727	1.957	0.983	2.296	1.173	1.298	1.221	1.183	1.376
Average	1.225	1.306	1.718	2.011	2.168	1.254	2.510	1.415	1.471	1.455	1.465	1.626
Max	1.412	1.526	1.945	2.357	2.327	1.601	2.748	1.527	1.575	1.681	1.660	1.792
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



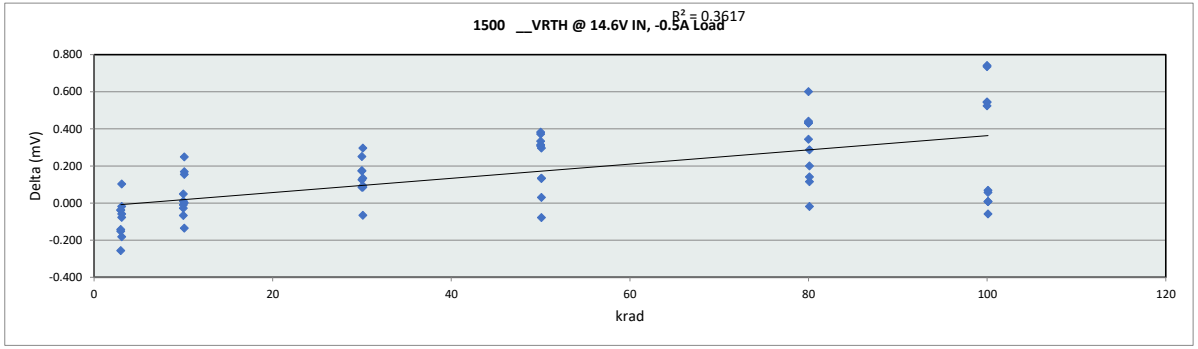
LDR Report
LM117HRLQMLV

100	10034	1.154	2.296	1.143
100	10035	1.431	2.473	1.042
100	10036	1.116	2.631	1.515
100.1	10027	0.882	1.376	0.494
100.1	10028	1.059	1.668	0.609
100.1	10029	0.848	1.613	0.765
100.1	10030	1.049	1.792	0.743
100.1	10031	1.030	1.679	0.649
	Max	1.431	2.748	1.554
	Average	1.116	1.635	0.519
	Min	0.848	0.983	-0.410
	Std Dev	0.183	0.419	0.400

LDR Report
LM117HRLQMLV

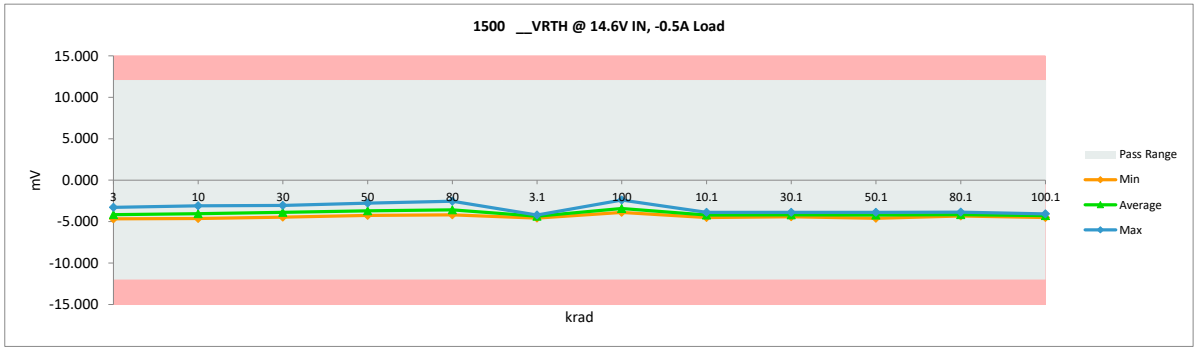
	1500 __VRTH @ 14.6V IN, -0.5A	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	12	12
Min Limit	-12	-12

krad	Serial #	PRE	POST	Delta
3	332	-4.006	-4.045	-0.038
3	333	-4.274	-4.530	-0.256
3	334	-3.139	-3.290	-0.152
3	335	-4.627	-4.663	-0.036
3	336	-4.131	-4.273	-0.142
3.1	327	-4.189	-4.207	-0.018
3.1	328	-4.367	-4.264	0.103
3.1	329	-4.302	-4.360	-0.058
3.1	330	-4.141	-4.322	-0.181
3.1	331	-4.511	-4.587	-0.076
10	1032	-4.006	-4.073	-0.067
10	1033	-4.274	-4.301	-0.027
10	1034	-3.139	-3.089	0.050
10	1035	-4.627	-4.616	0.011
10	1036	-4.131	-4.141	-0.010
10.1	1027	-4.189	-4.033	0.155
10.1	1028	-4.367	-4.197	0.170
10.1	1029	-4.302	-4.436	-0.134
10.1	1030	-4.141	-3.892	0.249
10.1	1031	-4.511	-4.509	0.002
30	3032	-4.006	-3.881	0.126
30	3033	-4.274	-4.024	0.251
30	3034	-3.139	-3.053	0.086
30	3035	-4.627	-4.454	0.174
30	3036	-4.131	-3.957	0.175
30.1	3027	-4.189	-3.892	0.297
30.1	3028	-4.367	-4.272	0.094
30.1	3029	-4.302	-4.368	-0.066
30.1	3030	-4.141	-4.006	0.134
30.1	3031	-4.511	-4.425	0.086
50	5032	-4.006	-3.692	0.315
50	5033	-4.274	-3.966	0.308
50	5034	-3.139	-2.767	0.372
50	5035	-4.627	-4.245	0.382
50	5036	-4.131	-3.798	0.334
50.1	5027	-4.189	-3.892	0.297
50.1	5028	-4.367	-4.233	0.134
50.1	5029	-4.302	-4.272	0.031
50.1	5030	-4.141	-4.006	0.134
50.1	5031	-4.511	-4.589	-0.078
80	8032	-4.006	-3.662	0.344
80	8033	-4.274	-3.842	0.432
80	8034	-3.139	-2.538	0.601
80	8035	-4.627	-4.186	0.442
80	8036	-4.131	-3.700	0.431
80.1	8027	-4.189	-4.073	0.115
80.1	8028	-4.367	-4.226	0.141
80.1	8029	-4.302	-4.320	-0.018
80.1	8030	-4.141	-3.854	0.287
80.1	8031	-4.511	-4.311	0.200
100	10032	-4.006	-3.482	0.525
100	10033	-4.274	-3.730	0.545



	1500 __VRTH @ 14.	
Test Site		
Tester		
Test Number		
Max Limit	12	mV
Min Limit	-12	mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000	-12.000
Min	-4.663	-4.616	-4.454	-4.245	-4.186	-4.587	-3.892	-4.509	-4.425	-4.589	-4.320	-4.501
Average	-4.160	-4.044	-3.873	-3.693	-3.586	-4.348	-3.417	-4.214	-4.193	-4.198	-4.157	-4.284
Max	-3.290	-3.089	-3.053	-2.767	-2.538	-4.207	-2.397	-3.892	-3.892	-3.892	-3.854	-4.071
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



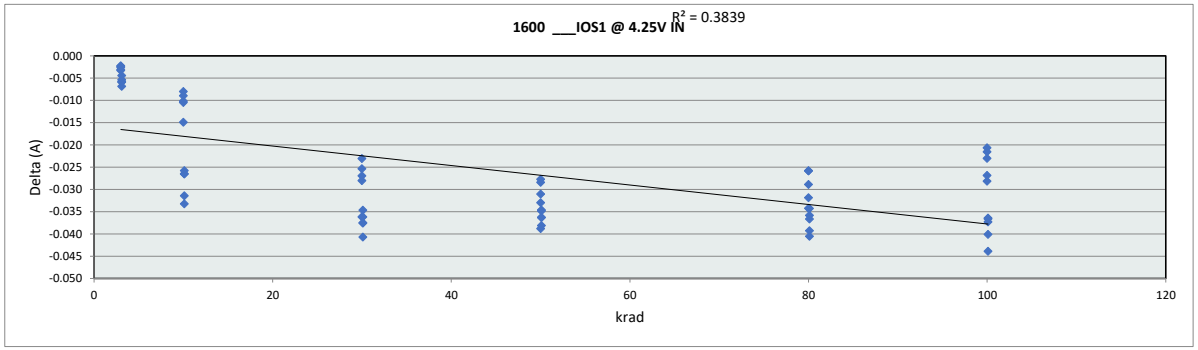
LDR Report
LM117HRLQMLV

100	10034	-3.139	-2.397	0.742
100	10035	-4.627	-3.892	0.735
100	10036	-4.131	-3.586	0.546
100.1	10027	-4.189	-4.130	0.058
100.1	10028	-4.367	-4.358	0.009
100.1	10029	-4.302	-4.360	-0.058
100.1	10030	-4.141	-4.071	0.070
100.1	10031	-4.511	-4.501	0.010
	Max	-3.139	-2.397	0.742
	Average	-4.169	-4.014	0.155
	Min	-4.627	-4.663	-0.256
	Std Dev	0.389	0.484	0.227

LDR Report
LM117HRLQMLV

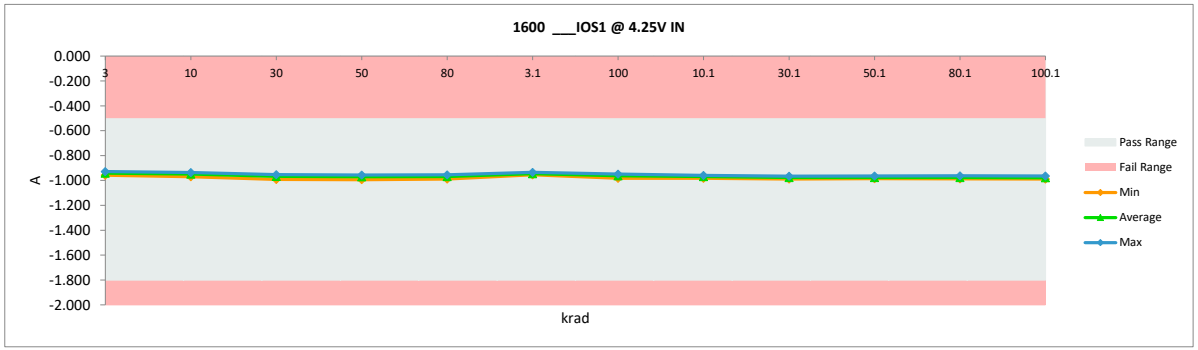
	1600 ___IOS1 @ 4.25V IN	
Test Site		
Tester		
Test Number		
Unit	A	A
Max Limit	-0.5	-0.5
Min Limit	-1.8	-1.8

krad	Serial #	PRE	POST	Delta
3	332	-0.951	-0.954	-0.003
3	333	-0.932	-0.935	-0.002
3	334	-0.955	-0.957	-0.002
3	335	-0.925	-0.928	-0.003
3	336	-0.929	-0.931	-0.003
3.1	327	-0.928	-0.935	-0.007
3.1	328	-0.933	-0.938	-0.004
3.1	329	-0.944	-0.950	-0.005
3.1	330	-0.948	-0.954	-0.006
3.1	331	-0.943	-0.949	-0.006
10	1032	-0.951	-0.962	-0.010
10	1033	-0.932	-0.940	-0.008
10	1034	-0.955	-0.970	-0.015
10	1035	-0.925	-0.935	-0.010
10	1036	-0.929	-0.938	-0.009
10.1	1027	-0.928	-0.959	-0.031
10.1	1028	-0.933	-0.960	-0.026
10.1	1029	-0.944	-0.971	-0.027
10.1	1030	-0.948	-0.982	-0.033
10.1	1031	-0.943	-0.969	-0.026
30	3032	-0.951	-0.978	-0.027
30	3033	-0.932	-0.955	-0.023
30	3034	-0.955	-0.991	-0.036
30	3035	-0.925	-0.953	-0.028
30	3036	-0.929	-0.954	-0.025
30.1	3027	-0.928	-0.965	-0.038
30.1	3028	-0.933	-0.969	-0.036
30.1	3029	-0.944	-0.979	-0.035
30.1	3030	-0.948	-0.989	-0.041
30.1	3031	-0.943	-0.981	-0.037
50	5032	-0.951	-0.984	-0.033
50	5033	-0.932	-0.960	-0.028
50	5034	-0.955	-0.994	-0.039
50	5035	-0.925	-0.956	-0.031
50	5036	-0.929	-0.957	-0.028
50.1	5027	-0.928	-0.964	-0.036
50.1	5028	-0.933	-0.968	-0.035
50.1	5029	-0.944	-0.979	-0.035
50.1	5030	-0.948	-0.985	-0.036
50.1	5031	-0.943	-0.981	-0.038
80	8032	-0.951	-0.983	-0.032
80	8033	-0.932	-0.958	-0.026
80	8034	-0.955	-0.989	-0.034
80	8035	-0.925	-0.954	-0.029
80	8036	-0.929	-0.955	-0.026
80.1	8027	-0.928	-0.962	-0.034
80.1	8028	-0.933	-0.970	-0.037
80.1	8029	-0.944	-0.980	-0.036
80.1	8030	-0.948	-0.988	-0.039
80.1	8031	-0.943	-0.984	-0.041
100	10032	-0.951	-0.979	-0.028
100	10033	-0.932	-0.954	-0.022



	1600 ___IOS1 @ 4.2	
Test Site		
Tester		
Test Number		
Max Limit	-0.5	A
Min Limit	-1.8	A

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800	-1.800
Min	-0.957	-0.970	-0.991	-0.994	-0.989	-0.954	-0.982	-0.982	-0.989	-0.985	-0.988	-0.989
Average	-0.941	-0.949	-0.966	-0.970	-0.968	-0.945	-0.963	-0.968	-0.977	-0.975	-0.977	-0.978
Max	-0.928	-0.935	-0.953	-0.956	-0.954	-0.935	-0.948	-0.959	-0.965	-0.964	-0.962	-0.964
UL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500



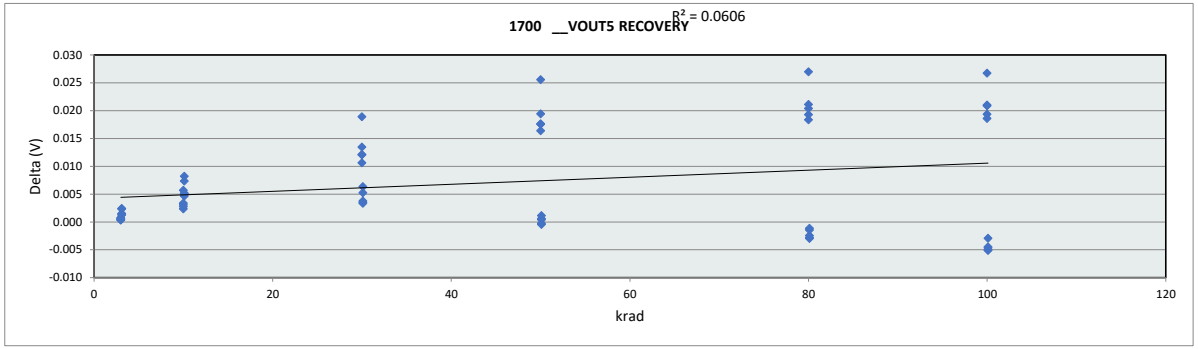
LDR Report
LM117HRLQMLV

100	10034	-0.955	-0.982	-0.027
100	10035	-0.925	-0.948	-0.023
100	10036	-0.929	-0.950	-0.021
100.1	10027	-0.928	-0.964	-0.036
100.1	10028	-0.933	-0.971	-0.037
100.1	10029	-0.944	-0.981	-0.037
100.1	10030	-0.948	-0.989	-0.040
100.1	10031	-0.943	-0.987	-0.044
	Max	-0.925	-0.928	-0.002
	Average	-0.939	-0.965	-0.026
	Min	-0.955	-0.994	-0.044
	Std Dev	0.010	0.017	0.013

LDR Report
LM117HRLQMLV

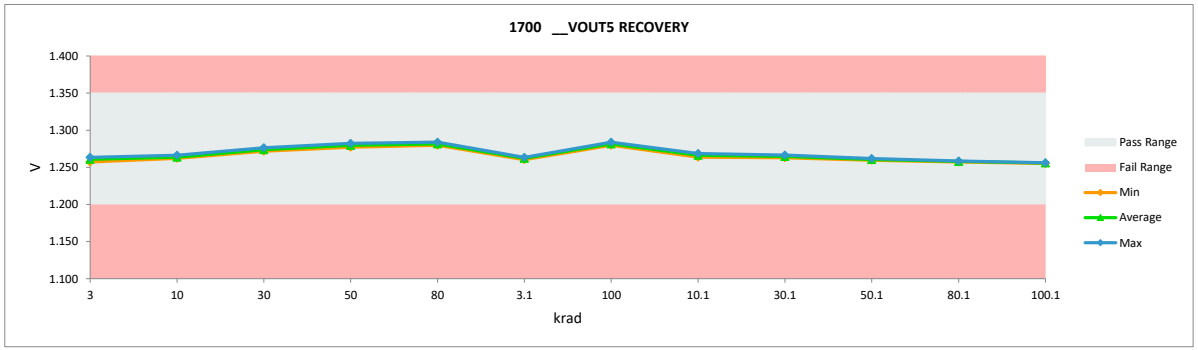
	1700 __VOUT5 RECOVERY	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	332	1.260	1.260	0.001
3	333	1.262	1.263	0.000
3	334	1.257	1.257	0.001
3	335	1.263	1.263	0.001
3	336	1.260	1.261	0.000
3.1	327	1.261	1.264	0.002
3.1	328	1.260	1.262	0.002
3.1	329	1.261	1.262	0.001
3.1	330	1.260	1.262	0.002
3.1	331	1.259	1.260	0.001
10	1032	1.260	1.263	0.003
10	1033	1.262	1.265	0.002
10	1034	1.257	1.262	0.006
10	1035	1.263	1.266	0.003
10	1036	1.260	1.263	0.003
10.1	1027	1.261	1.269	0.007
10.1	1028	1.260	1.265	0.005
10.1	1029	1.261	1.266	0.005
10.1	1030	1.260	1.268	0.008
10.1	1031	1.259	1.264	0.005
30	3032	1.260	1.272	0.012
30	3033	1.262	1.273	0.011
30	3034	1.257	1.275	0.019
30	3035	1.263	1.276	0.013
30	3036	1.260	1.272	0.012
30.1	3027	1.261	1.266	0.005
30.1	3028	1.260	1.264	0.003
30.1	3029	1.261	1.264	0.004
30.1	3030	1.260	1.266	0.006
30.1	3031	1.259	1.263	0.004
50	5032	1.260	1.277	0.018
50	5033	1.262	1.279	0.016
50	5034	1.257	1.282	0.026
50	5035	1.263	1.282	0.019
50	5036	1.260	1.278	0.018
50.1	5027	1.261	1.262	0.001
50.1	5028	1.260	1.260	0.000
50.1	5029	1.261	1.261	0.000
50.1	5030	1.260	1.261	0.001
50.1	5031	1.259	1.259	0.000
80	8032	1.260	1.280	0.020
80	8033	1.262	1.281	0.018
80	8034	1.257	1.283	0.027
80	8035	1.263	1.284	0.021
80	8036	1.260	1.280	0.019
80.1	8027	1.261	1.258	-0.003
80.1	8028	1.260	1.257	-0.003
80.1	8029	1.261	1.258	-0.002
80.1	8030	1.260	1.259	-0.001
80.1	8031	1.259	1.258	-0.001
100	10032	1.260	1.280	0.021
100	10033	1.262	1.281	0.019



	1700 __VOUT5 REC	
Test Site		
Tester		
Test Number		
Max Limit	1.35	V
Min Limit	1.2	V

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.257	1.262	1.272	1.277	1.280	1.260	1.280	1.264	1.263	1.259	1.257	1.255
Average	1.261	1.264	1.274	1.280	1.282	1.262	1.282	1.266	1.265	1.261	1.258	1.256
Max	1.263	1.266	1.276	1.282	1.284	1.264	1.284	1.269	1.266	1.262	1.259	1.256
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



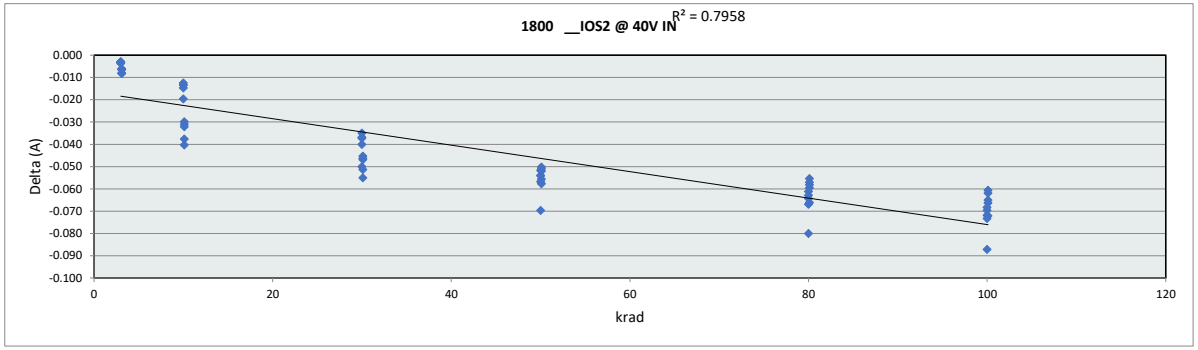
LDR Report
LM117HRLQMLV

100	10034	1.257	1.283	0.027
100	10035	1.263	1.284	0.021
100	10036	1.260	1.280	0.019
100.1	10027	1.261	1.256	-0.005
100.1	10028	1.260	1.255	-0.005
100.1	10029	1.261	1.256	-0.005
100.1	10030	1.260	1.256	-0.004
100.1	10031	1.259	1.256	-0.003
	Max	1.263	1.284	0.027
	Average	1.260	1.267	0.007
	Min	1.257	1.255	-0.005
	Std Dev	0.002	0.009	0.009

LDR Report
LM117HRLQMLV

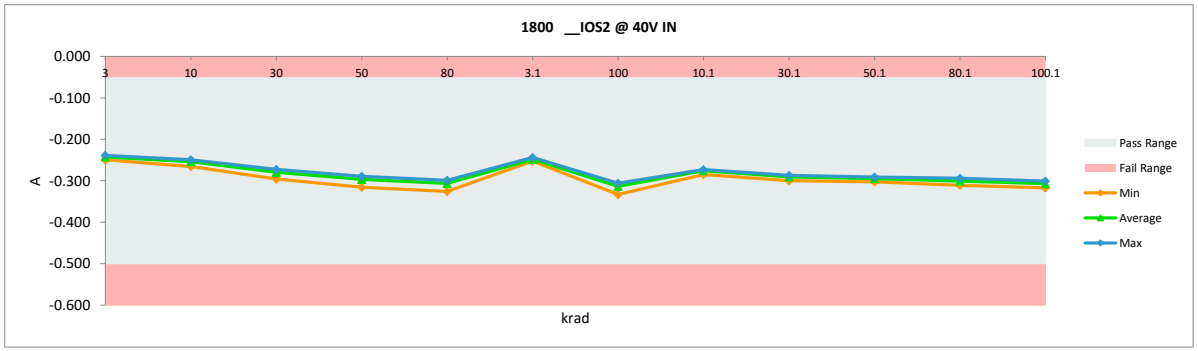
	1800 __IOS2 @ 40V IN	
Test Site		
Tester		
Test Number		
Unit	A	A
Max Limit	-0.05	-0.05
Min Limit	-0.5	-0.5

krad	Serial #	PRE	POST	Delta
3	332	-0.242	-0.245	-0.003
3	333	-0.238	-0.241	-0.003
3	334	-0.246	-0.249	-0.004
3	335	-0.235	-0.239	-0.003
3	336	-0.236	-0.239	-0.003
3.1	327	-0.236	-0.244	-0.008
3.1	328	-0.241	-0.247	-0.006
3.1	329	-0.242	-0.248	-0.006
3.1	330	-0.245	-0.253	-0.008
3.1	331	-0.243	-0.249	-0.006
10	1032	-0.242	-0.255	-0.013
10	1033	-0.238	-0.250	-0.012
10	1034	-0.246	-0.265	-0.020
10	1035	-0.235	-0.250	-0.015
10	1036	-0.236	-0.249	-0.013
10.1	1027	-0.236	-0.273	-0.038
10.1	1028	-0.241	-0.273	-0.032
10.1	1029	-0.242	-0.273	-0.031
10.1	1030	-0.245	-0.285	-0.040
10.1	1031	-0.243	-0.273	-0.030
30	3032	-0.242	-0.279	-0.037
30	3033	-0.238	-0.273	-0.035
30	3034	-0.246	-0.296	-0.050
30	3035	-0.235	-0.275	-0.040
30	3036	-0.236	-0.273	-0.037
30.1	3027	-0.236	-0.287	-0.051
30.1	3028	-0.241	-0.288	-0.047
30.1	3029	-0.242	-0.287	-0.045
30.1	3030	-0.245	-0.300	-0.055
30.1	3031	-0.243	-0.290	-0.046
50	5032	-0.242	-0.296	-0.054
50	5033	-0.238	-0.289	-0.052
50	5034	-0.246	-0.315	-0.070
50	5035	-0.235	-0.292	-0.057
50	5036	-0.236	-0.290	-0.054
50.1	5027	-0.236	-0.291	-0.056
50.1	5028	-0.241	-0.292	-0.051
50.1	5029	-0.242	-0.292	-0.050
50.1	5030	-0.245	-0.302	-0.058
50.1	5031	-0.243	-0.295	-0.052
80	8032	-0.242	-0.306	-0.064
80	8033	-0.238	-0.299	-0.061
80	8034	-0.246	-0.326	-0.080
80	8035	-0.235	-0.302	-0.067
80	8036	-0.236	-0.299	-0.063
80.1	8027	-0.236	-0.294	-0.058
80.1	8028	-0.241	-0.298	-0.057
80.1	8029	-0.242	-0.297	-0.055
80.1	8030	-0.245	-0.311	-0.066
80.1	8031	-0.243	-0.303	-0.059
100	10032	-0.242	-0.314	-0.072
100	10033	-0.238	-0.306	-0.068



	1800 __IOS2 @ 40V	
Test Site		
Tester		
Test Number		
Max Limit	-0.05	A
Min Limit	-0.5	A

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500
Min	-0.249	-0.265	-0.296	-0.315	-0.326	-0.253	-0.333	-0.285	-0.300	-0.302	-0.311	-0.317
Average	-0.243	-0.254	-0.279	-0.297	-0.306	-0.248	-0.313	-0.276	-0.290	-0.295	-0.301	-0.307
Max	-0.239	-0.249	-0.273	-0.289	-0.299	-0.244	-0.306	-0.273	-0.287	-0.291	-0.294	-0.301
UL	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050	-0.050



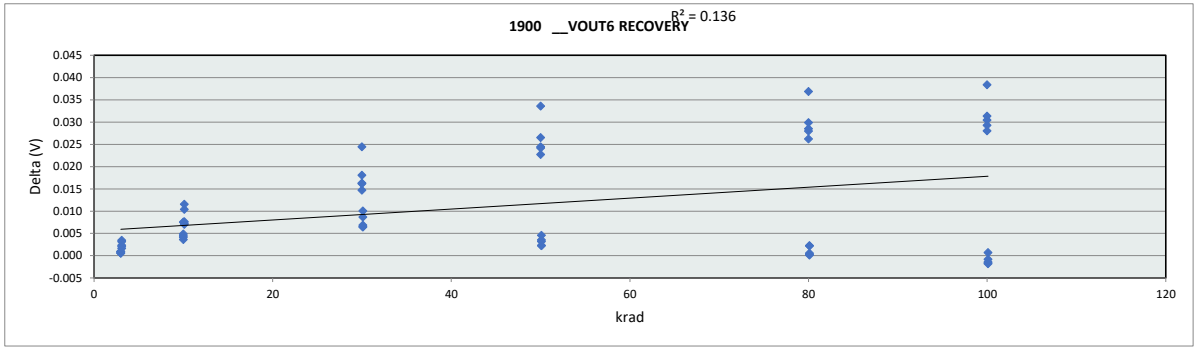
LDR Report
LM117HRLQMLV

100	10034	-0.246	-0.333	-0.087
100	10035	-0.235	-0.309	-0.073
100	10036	-0.236	-0.306	-0.070
100.1	10027	-0.236	-0.301	-0.065
100.1	10028	-0.241	-0.303	-0.062
100.1	10029	-0.242	-0.303	-0.061
100.1	10030	-0.245	-0.317	-0.072
100.1	10031	-0.243	-0.310	-0.066
	Max	-0.235	-0.239	-0.003
	Average	-0.240	-0.284	-0.044
	Min	-0.246	-0.333	-0.087
	Std Dev	0.004	0.024	0.024

LDR Report
LM117HRLQMLV

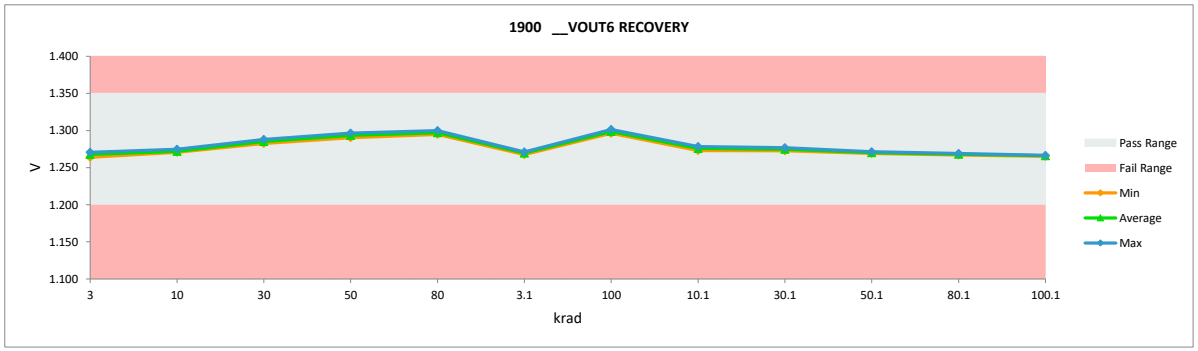
	1900 __VOUT6 RECOVERY	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.35	1.35
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	332	1.266	1.267	0.001
3	333	1.269	1.270	0.001
3	334	1.263	1.264	0.001
3	335	1.270	1.271	0.001
3	336	1.267	1.268	0.001
3.1	327	1.268	1.271	0.003
3.1	328	1.267	1.269	0.002
3.1	329	1.268	1.270	0.002
3.1	330	1.267	1.270	0.003
3.1	331	1.266	1.268	0.002
10	1032	1.266	1.271	0.004
10	1033	1.269	1.273	0.004
10	1034	1.263	1.271	0.008
10	1035	1.270	1.275	0.005
10	1036	1.267	1.271	0.004
10.1	1027	1.268	1.278	0.010
10.1	1028	1.267	1.275	0.008
10.1	1029	1.268	1.275	0.007
10.1	1030	1.267	1.278	0.012
10.1	1031	1.266	1.273	0.007
30	3032	1.266	1.282	0.016
30	3033	1.269	1.284	0.015
30	3034	1.263	1.287	0.024
30	3035	1.270	1.288	0.018
30	3036	1.267	1.283	0.016
30.1	3027	1.268	1.277	0.009
30.1	3028	1.267	1.273	0.007
30.1	3029	1.268	1.274	0.006
30.1	3030	1.267	1.277	0.010
30.1	3031	1.266	1.273	0.007
50	5032	1.266	1.290	0.024
50	5033	1.269	1.292	0.023
50	5034	1.263	1.297	0.034
50	5035	1.270	1.296	0.027
50	5036	1.267	1.291	0.024
50.1	5027	1.268	1.271	0.004
50.1	5028	1.267	1.269	0.002
50.1	5029	1.268	1.270	0.002
50.1	5030	1.267	1.271	0.005
50.1	5031	1.266	1.269	0.003
80	8032	1.266	1.295	0.029
80	8033	1.269	1.295	0.026
80	8034	1.263	1.300	0.037
80	8035	1.270	1.300	0.030
80	8036	1.267	1.295	0.028
80.1	8027	1.268	1.268	0.000
80.1	8028	1.267	1.267	0.000
80.1	8029	1.268	1.268	0.001
80.1	8030	1.267	1.269	0.002
80.1	8031	1.266	1.268	0.002
100	10032	1.266	1.297	0.030
100	10033	1.269	1.297	0.028



	1900 __VOUT6 REC	
Test Site		
Tester		
Test Number		
Max Limit	1.35	V
Min Limit	1.2	V

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.264	1.271	1.282	1.290	1.295	1.268	1.296	1.273	1.273	1.269	1.267	1.265
Average	1.268	1.272	1.285	1.293	1.297	1.270	1.299	1.276	1.275	1.270	1.268	1.266
Max	1.271	1.275	1.288	1.297	1.300	1.271	1.301	1.278	1.277	1.271	1.269	1.267
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



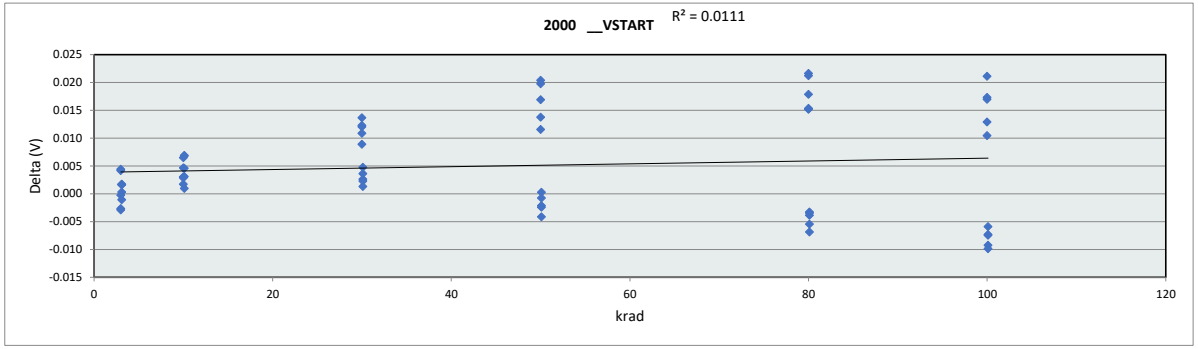
LDR Report
LM117HRLQMLV

100	10034	1.263	1.301	0.038
100	10035	1.270	1.301	0.031
100	10036	1.267	1.296	0.029
100.1	10027	1.268	1.266	-0.002
100.1	10028	1.267	1.265	-0.002
100.1	10029	1.268	1.266	-0.001
100.1	10030	1.267	1.266	-0.001
100.1	10031	1.266	1.267	0.001
	Max	1.270	1.301	0.038
	Average	1.267	1.278	0.011
	Min	1.263	1.264	-0.002
	Std Dev	0.002	0.012	0.012

LDR Report
LM117HRLQMLV

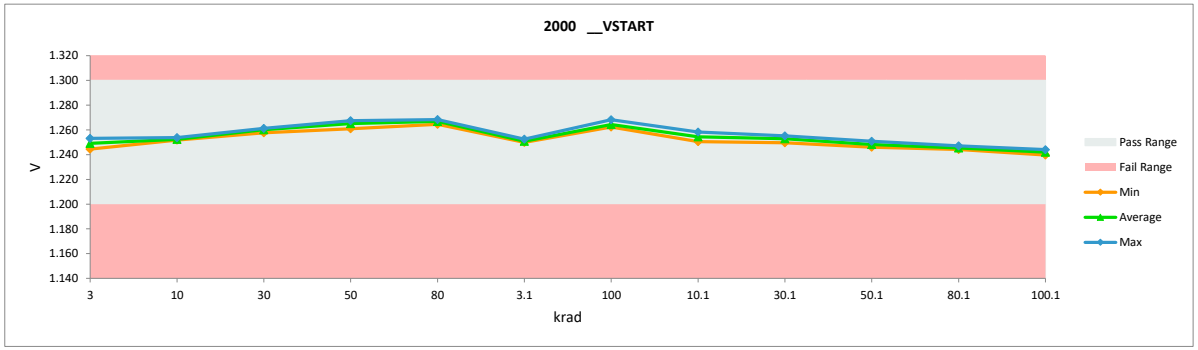
	2000 __VSTART	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.3	1.3
Min Limit	1.2	1.2

krad	Serial #	PRE	POST	Delta
3	332	1.246	1.250	0.004
3	333	1.252	1.252	0.000
3	334	1.247	1.244	-0.003
3	335	1.249	1.253	0.004
3	336	1.249	1.246	-0.003
3.1	327	1.252	1.250	-0.001
3.1	328	1.250	1.250	0.000
3.1	329	1.251	1.253	0.002
3.1	330	1.250	1.251	0.002
3.1	331	1.248	1.250	0.002
10	1032	1.246	1.252	0.006
10	1033	1.252	1.254	0.002
10	1034	1.247	1.252	0.005
10	1035	1.249	1.252	0.003
10	1036	1.249	1.252	0.003
10.1	1027	1.252	1.258	0.007
10.1	1028	1.250	1.251	0.001
10.1	1029	1.251	1.254	0.003
10.1	1030	1.250	1.256	0.007
10.1	1031	1.248	1.253	0.005
30	3032	1.246	1.258	0.012
30	3033	1.252	1.261	0.009
30	3034	1.247	1.261	0.014
30	3035	1.249	1.261	0.012
30	3036	1.249	1.260	0.011
30.1	3027	1.252	1.255	0.004
30.1	3028	1.250	1.252	0.003
30.1	3029	1.251	1.253	0.002
30.1	3030	1.250	1.254	0.005
30.1	3031	1.248	1.250	0.001
50	5032	1.246	1.265	0.020
50	5033	1.252	1.266	0.014
50	5034	1.247	1.267	0.020
50	5035	1.249	1.266	0.017
50	5036	1.249	1.261	0.012
50.1	5027	1.252	1.251	-0.001
50.1	5028	1.250	1.247	-0.002
50.1	5029	1.251	1.247	-0.004
50.1	5030	1.250	1.250	0.000
50.1	5031	1.248	1.246	-0.002
80	8032	1.246	1.267	0.022
80	8033	1.252	1.267	0.015
80	8034	1.247	1.268	0.021
80	8035	1.249	1.267	0.018
80	8036	1.249	1.265	0.015
80.1	8027	1.252	1.245	-0.007
80.1	8028	1.250	1.244	-0.005
80.1	8029	1.251	1.247	-0.004
80.1	8030	1.250	1.246	-0.003
80.1	8031	1.248	1.245	-0.003
100	10032	1.246	1.263	0.017
100	10033	1.252	1.263	0.010



	2000 __VSTART	
Test Site		
Tester		
Test Number		
Max Limit	1.3	V
Min Limit	1.2	V

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.244	1.252	1.258	1.261	1.265	1.250	1.262	1.251	1.250	1.246	1.244	1.240
Average	1.249	1.252	1.260	1.265	1.267	1.251	1.264	1.254	1.253	1.248	1.245	1.242
Max	1.253	1.254	1.261	1.267	1.268	1.253	1.268	1.258	1.255	1.251	1.247	1.244
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300



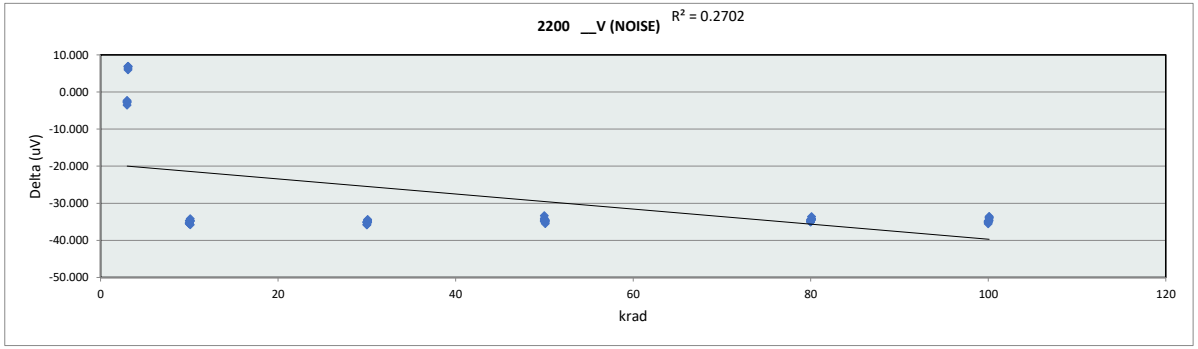
LDR Report
LM117HRLQMLV

100	10034	1.247	1.268	0.021
100	10035	1.249	1.266	0.017
100	10036	1.249	1.262	0.013
100.1	10027	1.252	1.244	-0.007
100.1	10028	1.250	1.240	-0.010
100.1	10029	1.251	1.242	-0.009
100.1	10030	1.250	1.242	-0.007
100.1	10031	1.248	1.242	-0.006
	Max	1.252	1.268	0.022
	Average	1.249	1.254	0.005
	Min	1.246	1.240	-0.010
	Std Dev	0.002	0.008	0.009

LDR Report
LM117HRLQMLV

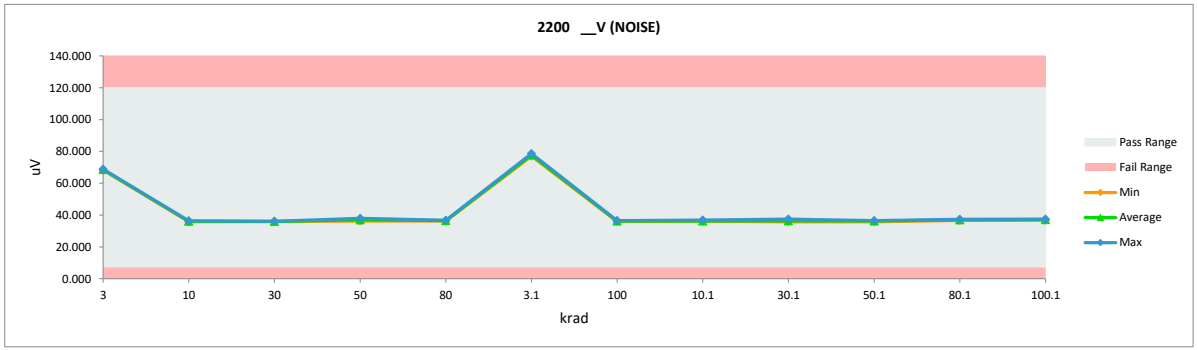
	2200 __V (NOISE)	
Test Site		
Tester		
Test Number		
Unit	uV	uV
Max Limit	120	120
Min Limit	7	7

krad	Serial #	PRE	POST	Delta
3	332	71.022	68.196	-2.826
3	333	71.227	68.636	-2.591
3	334	71.733	68.190	-3.544
3	335	71.056	68.767	-2.288
3	336	71.474	68.853	-2.621
3.1	327	70.830	77.262	6.432
3.1	328	70.977	76.993	6.016
3.1	329	70.866	77.813	6.948
3.1	330	71.039	77.956	6.917
3.1	331	71.854	78.641	6.787
10	1032	71.022	35.793	-35.229
10	1033	71.227	35.980	-35.247
10	1034	71.733	36.258	-35.476
10	1035	71.056	36.359	-34.696
10	1036	71.474	35.992	-35.482
10.1	1027	70.830	36.106	-34.724
10.1	1028	70.977	36.826	-34.150
10.1	1029	70.866	36.182	-34.684
10.1	1030	71.039	36.265	-34.774
10.1	1031	71.854	36.080	-35.775
30	3032	71.022	35.968	-35.054
30	3033	71.227	36.088	-35.139
30	3034	71.733	35.908	-35.825
30	3035	71.056	36.001	-35.055
30	3036	71.474	35.832	-35.642
30.1	3027	70.830	36.299	-34.531
30.1	3028	70.977	36.212	-34.765
30.1	3029	70.866	35.721	-35.145
30.1	3030	71.039	35.949	-35.090
30.1	3031	71.854	37.487	-34.368
50	5032	71.022	36.295	-34.727
50	5033	71.227	37.922	-33.305
50	5034	71.733	37.265	-34.469
50	5035	71.056	37.018	-34.037
50	5036	71.474	36.601	-34.873
50.1	5027	70.830	35.790	-35.039
50.1	5028	70.977	36.490	-34.487
50.1	5029	70.866	36.186	-34.679
50.1	5030	71.039	36.262	-34.777
50.1	5031	71.854	36.397	-35.457
80	8032	71.022	36.646	-34.376
80	8033	71.227	36.497	-34.730
80	8034	71.733	36.703	-35.030
80	8035	71.056	36.248	-34.807
80	8036	71.474	36.542	-34.932
80.1	8027	70.830	36.573	-34.257
80.1	8028	70.977	37.365	-33.612
80.1	8029	70.866	36.706	-34.160
80.1	8030	71.039	36.815	-34.224
80.1	8031	71.854	37.367	-34.487
100	10032	71.022	35.915	-35.107
100	10033	71.227	36.508	-34.719



	2200 __V (NOISE)	
Test Site		
Tester		
Test Number		
Max Limit	120	uV
Min Limit	7	uV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
Min	68.190	35.793	35.832	36.295	36.248	76.993	35.915	36.080	35.721	35.790	36.573	36.676
Average	68.529	36.076	35.960	37.020	36.528	77.733	36.235	36.292	36.334	36.225	36.965	37.128
Max	68.853	36.359	36.088	37.922	36.703	78.641	36.508	36.826	37.487	36.490	37.367	37.447
UL	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000



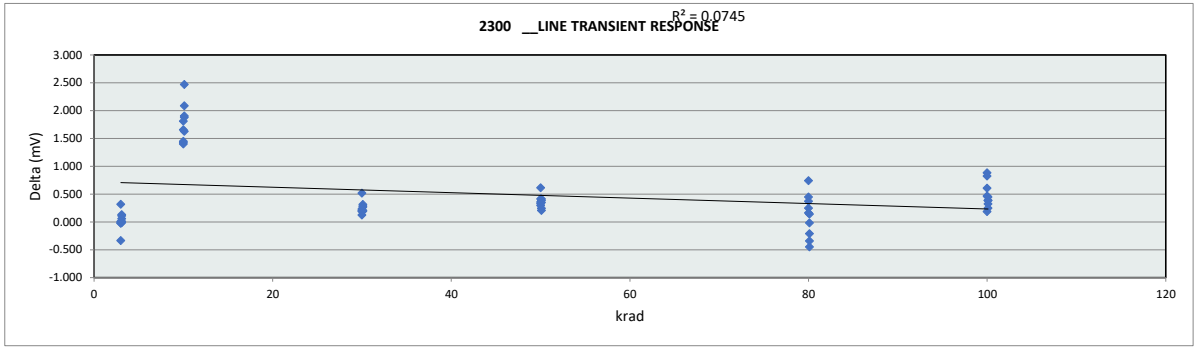
LDR Report
LM117HRLQMLV

100	10034	71.733	36.233	-35.501
100	10035	71.056	36.069	-34.986
100	10036	71.474	36.449	-35.026
100.1	10027	70.830	36.676	-34.154
100.1	10028	70.977	37.447	-33.530
100.1	10029	70.866	37.075	-33.791
100.1	10030	71.039	37.250	-33.788
100.1	10031	71.854	37.191	-34.663
	Max	71.854	78.641	6.948
	Average	71.208	42.585	-28.623
	Min	70.830	35.721	-35.825
	Std Dev	0.344	13.915	13.921

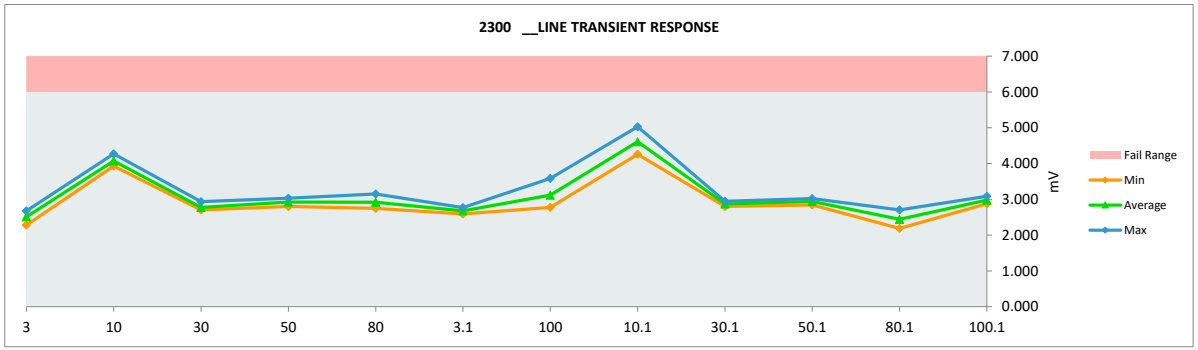
LDR Report
LM117HRLQMLV

	2300 __LINE TRANSIENT RESPO	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	6	6
Min Limit		

krad	Serial #	PRE	POST	Delta
3	332	2.611	2.278	-0.334
3	333	2.187	2.504	0.317
3	334	2.701	2.676	-0.025
3	335	2.526	2.509	-0.017
3	336	2.587	2.593	0.006
3.1	327	2.560	2.689	0.130
3.1	328	2.629	2.688	0.059
3.1	329	2.636	2.646	0.010
3.1	330	2.659	2.769	0.111
3.1	331	2.604	2.591	-0.013
10	1032	2.611	4.268	1.657
10	1033	2.187	3.999	1.812
10	1034	2.701	4.149	1.448
10	1035	2.526	3.927	1.401
10	1036	2.587	4.015	1.428
10.1	1027	2.560	5.028	2.468
10.1	1028	2.629	4.257	1.628
10.1	1029	2.636	4.721	2.085
10.1	1030	2.659	4.563	1.904
10.1	1031	2.604	4.485	1.881
30	3032	2.611	2.736	0.125
30	3033	2.187	2.703	0.517
30	3034	2.701	2.933	0.231
30	3035	2.526	2.716	0.191
30	3036	2.587	2.792	0.205
30.1	3027	2.560	2.872	0.312
30.1	3028	2.629	2.898	0.268
30.1	3029	2.636	2.842	0.206
30.1	3030	2.659	2.943	0.284
30.1	3031	2.604	2.798	0.194
50	5032	2.611	3.024	0.412
50	5033	2.187	2.800	0.613
50	5034	2.701	3.033	0.332
50	5035	2.526	2.823	0.298
50	5036	2.587	2.943	0.357
50.1	5027	2.560	2.945	0.385
50.1	5028	2.629	2.875	0.246
50.1	5029	2.636	2.843	0.206
50.1	5030	2.659	3.008	0.349
50.1	5031	2.604	3.019	0.415
80	8032	2.611	2.858	0.247
80	8033	2.187	2.927	0.740
80	8034	2.701	3.149	0.448
80	8035	2.526	2.898	0.372
80	8036	2.587	2.749	0.162
80.1	8027	2.560	2.702	0.142
80.1	8028	2.629	2.611	-0.018
80.1	8029	2.636	2.186	-0.450
80.1	8030	2.659	2.446	-0.213
80.1	8031	2.604	2.263	-0.341
100	10032	2.611	3.075	0.464
100	10033	2.187	3.012	0.825



	2300 __LINE TRANS											
Test Site												
Tester												
Test Number												
Max Limit	6	mV										
Min Limit		mV										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL												
Min	2.278	3.927	2.703	2.800	2.749	2.591	2.771	4.257	2.798	2.843	2.186	2.877
Average	2.512	4.072	2.776	2.925	2.916	2.677	3.115	4.611	2.870	2.938	2.442	2.976
Max	2.676	4.268	2.933	3.033	3.149	2.769	3.584	5.028	2.943	3.019	2.702	3.085
UL	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000



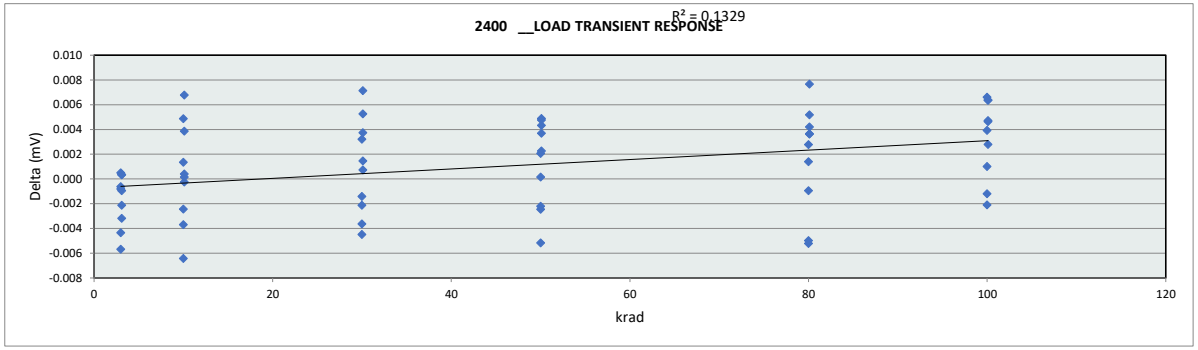
LDR Report
LM117HRLQMLV

100	10034	2.701	3.584	0.883
100	10035	2.526	3.132	0.607
100	10036	2.587	2.771	0.184
100.1	10027	2.560	2.945	0.386
100.1	10028	2.629	2.877	0.247
100.1	10029	2.636	3.085	0.449
100.1	10030	2.659	2.983	0.324
100.1	10031	2.604	2.989	0.385
	Max	2.701	5.028	2.468
	Average	2.570	3.069	0.499
	Min	2.187	2.186	-0.450
	Std Dev	0.137	0.631	0.637

LDR Report
LM117HRLQMLV

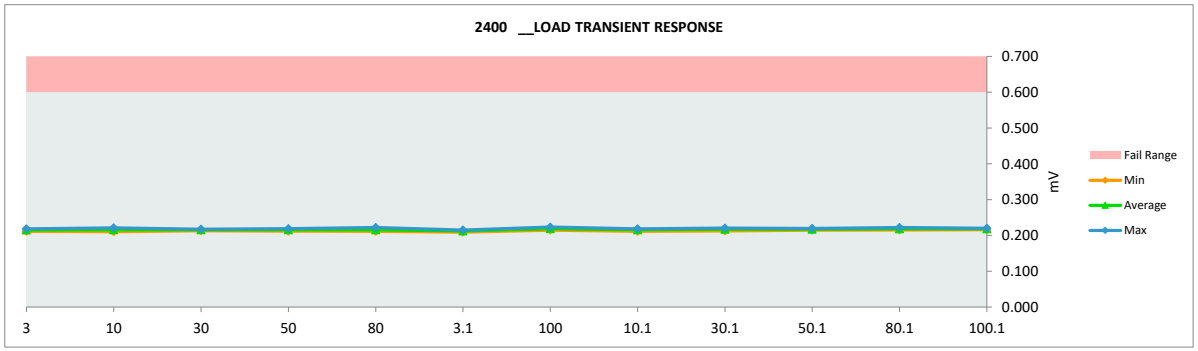
	2400 __LOAD TRANSIENT RESP	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	0.6	0.6
Min Limit		

krad	Serial #	PRE	POST	Delta
3	332	0.216	0.216	-0.001
3	333	0.214	0.214	0.001
3	334	0.217	0.211	-0.006
3	335	0.219	0.215	-0.004
3	336	0.219	0.218	-0.001
3.1	327	0.215	0.215	0.000
3.1	328	0.214	0.214	0.000
3.1	329	0.212	0.211	-0.001
3.1	330	0.211	0.209	-0.002
3.1	331	0.216	0.213	-0.003
10	1032	0.216	0.213	-0.004
10	1033	0.214	0.219	0.005
10	1034	0.217	0.210	-0.006
10	1035	0.219	0.221	0.001
10	1036	0.219	0.217	-0.002
10.1	1027	0.215	0.214	0.000
10.1	1028	0.214	0.217	0.004
10.1	1029	0.212	0.218	0.007
10.1	1030	0.211	0.212	0.000
10.1	1031	0.216	0.216	0.000
30	3032	0.216	0.213	-0.004
30	3033	0.214	0.217	0.003
30	3034	0.217	0.215	-0.001
30	3035	0.219	0.217	-0.002
30	3036	0.219	0.215	-0.004
30.1	3027	0.215	0.218	0.004
30.1	3028	0.214	0.221	0.007
30.1	3029	0.212	0.217	0.005
30.1	3030	0.211	0.213	0.001
30.1	3031	0.216	0.217	0.001
50	5032	0.216	0.214	-0.002
50	5033	0.214	0.216	0.002
50	5034	0.217	0.212	-0.005
50	5035	0.219	0.217	-0.002
50	5036	0.219	0.219	0.000
50.1	5027	0.215	0.219	0.005
50.1	5028	0.214	0.218	0.004
50.1	5029	0.212	0.216	0.005
50.1	5030	0.211	0.215	0.004
50.1	5031	0.216	0.219	0.002
80	8032	0.216	0.211	-0.005
80	8033	0.214	0.215	0.001
80	8034	0.217	0.212	-0.005
80	8035	0.219	0.222	0.003
80	8036	0.219	0.218	-0.001
80.1	8027	0.215	0.222	0.008
80.1	8028	0.214	0.218	0.004
80.1	8029	0.212	0.215	0.004
80.1	8030	0.211	0.216	0.005
80.1	8031	0.216	0.220	0.004
100	10032	0.216	0.215	-0.001
100	10033	0.214	0.220	0.007



	2400 __LOAD TRAN	
Test Site		
Tester		
Test Number		
Max Limit	0.6	mV
Min Limit		mV

krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL												
Min	0.211	0.210	0.213	0.212	0.211	0.209	0.215	0.212	0.213	0.215	0.215	0.216
Average	0.215	0.216	0.215	0.216	0.216	0.212	0.219	0.216	0.217	0.217	0.218	0.218
Max	0.218	0.221	0.217	0.219	0.222	0.215	0.223	0.218	0.221	0.219	0.222	0.220
UL	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600



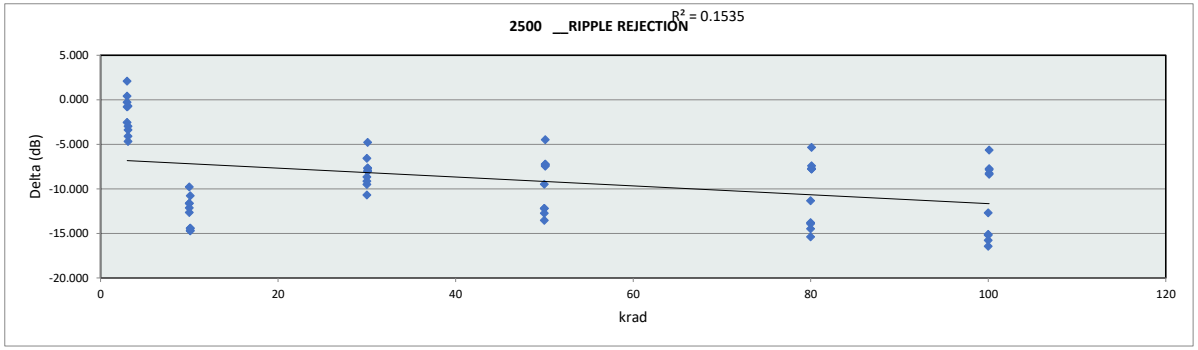
LDR Report
LM117HRLQMLV

100	10034	0.217	0.215	-0.002
100	10035	0.219	0.223	0.004
100	10036	0.219	0.220	0.001
100.1	10027	0.215	0.219	0.005
100.1	10028	0.214	0.220	0.006
100.1	10029	0.212	0.218	0.006
100.1	10030	0.211	0.216	0.005
100.1	10031	0.216	0.219	0.003
	Max	0.219	0.223	0.008
	Average	0.215	0.216	0.001
	Min	0.211	0.209	-0.006
	Std Dev	0.003	0.003	0.004

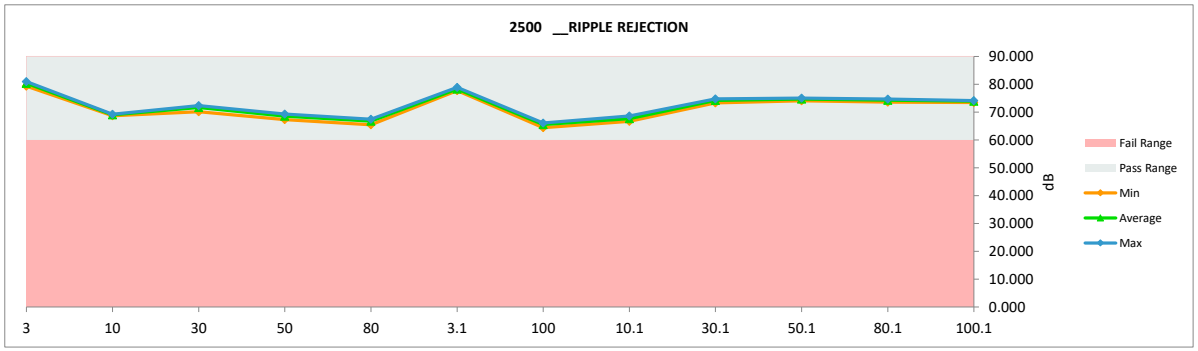
LDR Report
LM117HRLQMLV

	2500 __RIPPLE REJECTION	
Test Site		
Tester		
Test Number		
Unit	dB	dB
Max Limit		
Min Limit	60	60

krad	Serial #	PRE	POST	Delta
3	332	78.811	80.906	2.095
3	333	81.882	79.338	-2.543
3	334	80.861	80.571	-0.290
3	335	80.574	80.989	0.415
3	336	80.816	80.015	-0.802
3.1	327	81.863	77.770	-4.093
3.1	328	82.309	78.917	-3.392
3.1	329	82.478	77.808	-4.671
3.1	330	81.333	78.356	-2.977
3.1	331	79.427	78.718	-0.708
10	1032	78.811	69.018	-9.793
10	1033	81.882	69.222	-12.660
10	1034	80.861	68.723	-12.139
10	1035	80.574	68.963	-11.611
10	1036	80.816	69.168	-11.649
10.1	1027	81.863	67.442	-14.421
10.1	1028	82.309	67.895	-14.413
10.1	1029	82.478	67.757	-14.722
10.1	1030	81.333	66.671	-14.662
10.1	1031	79.427	68.646	-10.781
30	3032	78.811	72.232	-6.579
30	3033	81.882	72.365	-9.516
30	3034	80.861	70.161	-10.700
30	3035	80.574	71.425	-9.149
30	3036	80.816	72.153	-8.664
30.1	3027	81.863	73.817	-8.046
30.1	3028	82.309	74.663	-7.646
30.1	3029	82.478	74.747	-7.732
30.1	3030	81.333	73.332	-8.001
30.1	3031	79.427	74.631	-4.796
50	5032	78.811	69.323	-9.488
50	5033	81.882	69.151	-12.730
50	5034	80.861	67.322	-13.539
50	5035	80.574	68.382	-12.192
50	5036	80.816	68.624	-12.193
50.1	5027	81.863	74.489	-7.374
50.1	5028	82.309	75.042	-7.267
50.1	5029	82.478	75.026	-7.453
50.1	5030	81.333	74.112	-7.221
50.1	5031	79.427	74.932	-4.494
80	8032	78.811	67.466	-11.345
80	8033	81.882	67.396	-14.486
80	8034	80.861	65.473	-15.388
80	8035	80.574	66.657	-13.917
80	8036	80.816	67.010	-13.806
80.1	8027	81.863	74.457	-7.406
80.1	8028	82.309	74.583	-7.726
80.1	8029	82.478	74.705	-7.774
80.1	8030	81.333	73.571	-7.762
80.1	8031	79.427	74.088	-5.339
100	10032	78.811	66.109	-12.702
100	10033	81.882	66.096	-15.785



	2500 __RIPPLE REJ											
Test Site												
Tester												
Test Number												
Max Limit		dB										
Min Limit	60	dB										
krad	3	10	30	50	80	3.1	100	10.1	30.1	50.1	80.1	100.1
LL	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000
Min	79.338	68.723	70.161	67.322	65.473	77.770	64.414	66.671	73.332	74.112	73.571	73.480
Average	80.364	69.019	71.667	68.561	66.800	78.314	65.537	67.682	74.238	74.720	74.281	73.909
Max	80.989	69.222	72.365	69.323	67.466	78.917	66.109	68.646	74.747	75.042	74.705	74.116
UL												



LDR Report
LM117HRLQMLV

100	10034	80.861	64.414	-16.447
100	10035	80.574	65.366	-15.208
100	10036	80.816	65.700	-15.117
100.1	10027	81.863	74.116	-7.747
100.1	10028	82.309	74.043	-8.266
100.1	10029	82.478	74.115	-8.363
100.1	10030	81.333	73.480	-7.853
100.1	10031	79.427	73.789	-5.638
	Max	82.478	80.989	2.095
	Average	81.035	72.091	-8.945
	Min	78.811	64.414	-16.447
	Std Dev	1.151	4.538	4.527

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