

PMP4466 Test Results

1. INPUT CHARACTERISTICS

1.1 Standby Power

Vin (Vac)	Pin (mW)
90	15
115	16
230	25
264	27

1.2 EFFICIENCY DATA and Curve

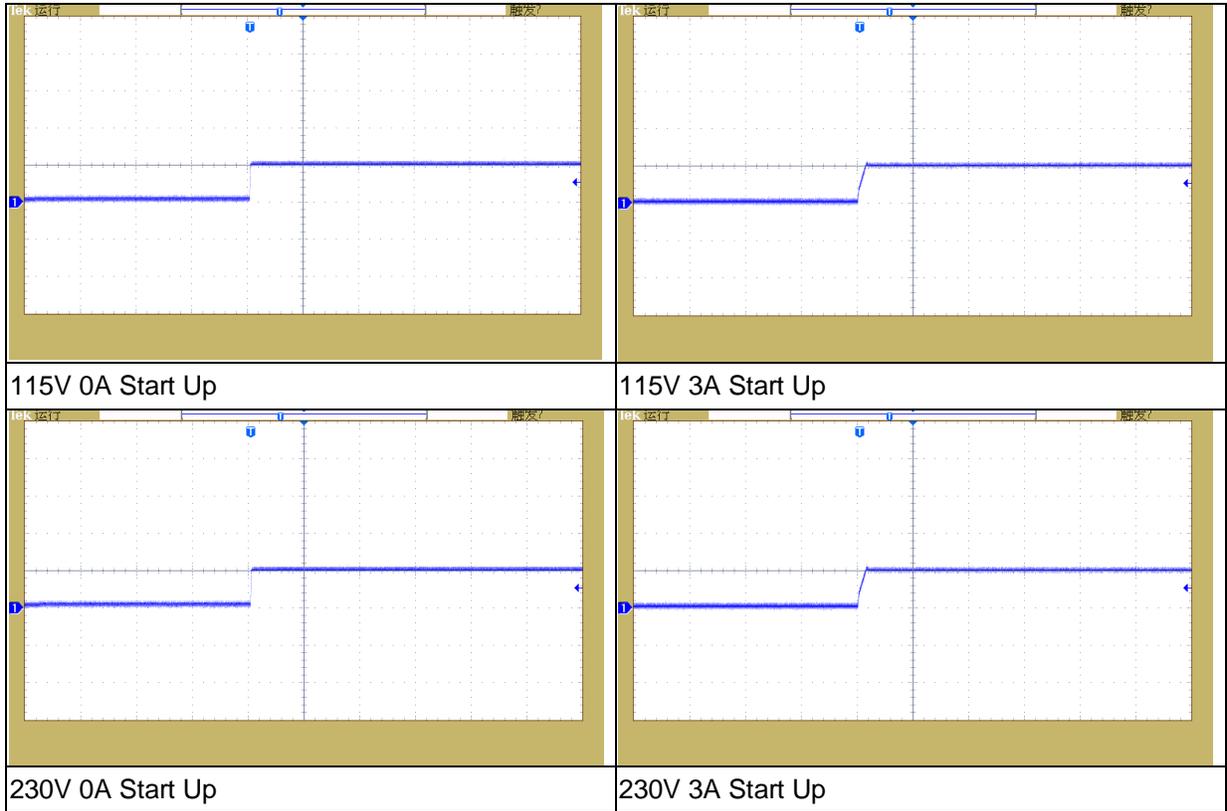
Note: Efficiency is tested on USB end

Vin(Vac)	Pin(W)	Vo(V)	Io(A)	Po(W)	Eff
115	2.02	4.9964	0.30	1.499	0.7420
	4.49	4.9962	0.75	3.747	0.8346
	8.70	4.9957	1.50	7.494	0.8613
	12.96	4.9954	2.25	11.240	0.8673
	17.24	4.9950	3.00	14.985	0.8692
Ave eff					0.8581
230	1.88	4.9967	0.30	1.499	0.7973
	4.38	4.9965	0.75	3.747	0.8556
	8.66	4.9963	1.50	7.494	0.8654
	13.02	4.9960	2.25	11.241	0.8634
	17.38	4.9955	3.00	14.987	0.8623
Ave eff					0.8617

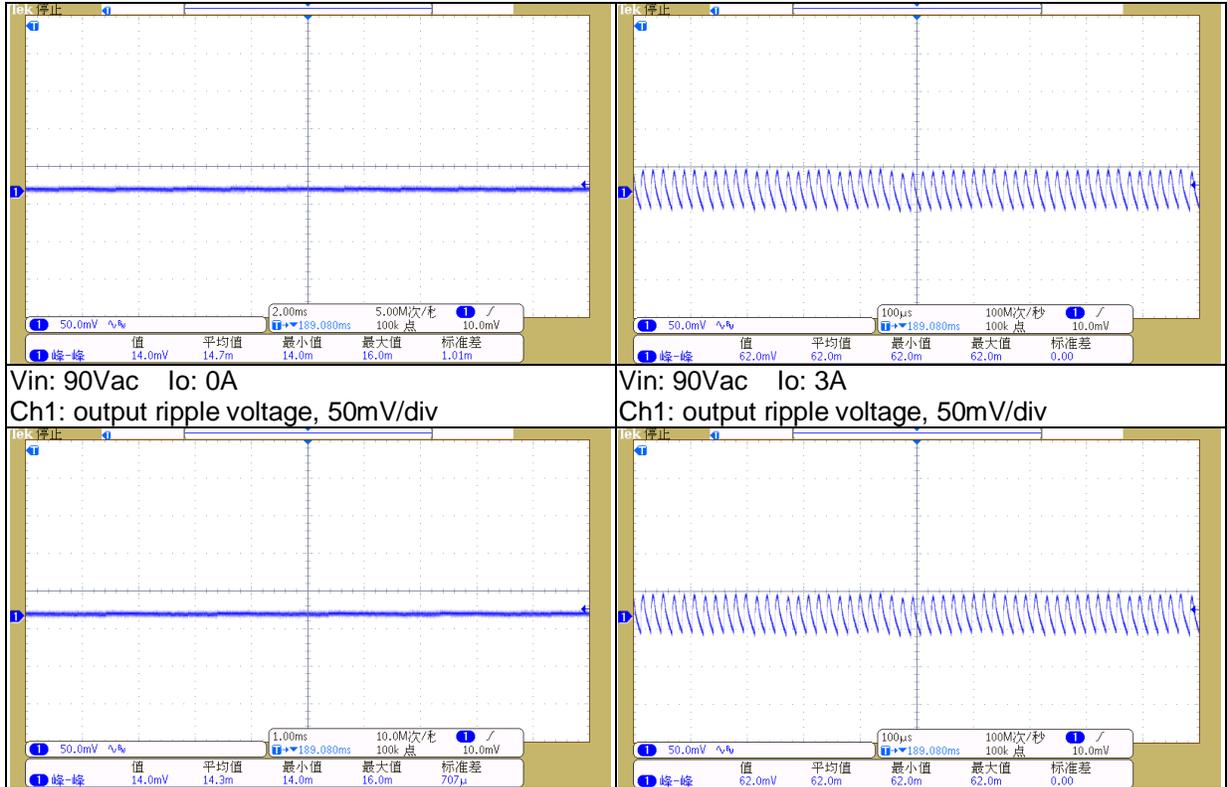
2. OUTPUT CHARACTERISTICS

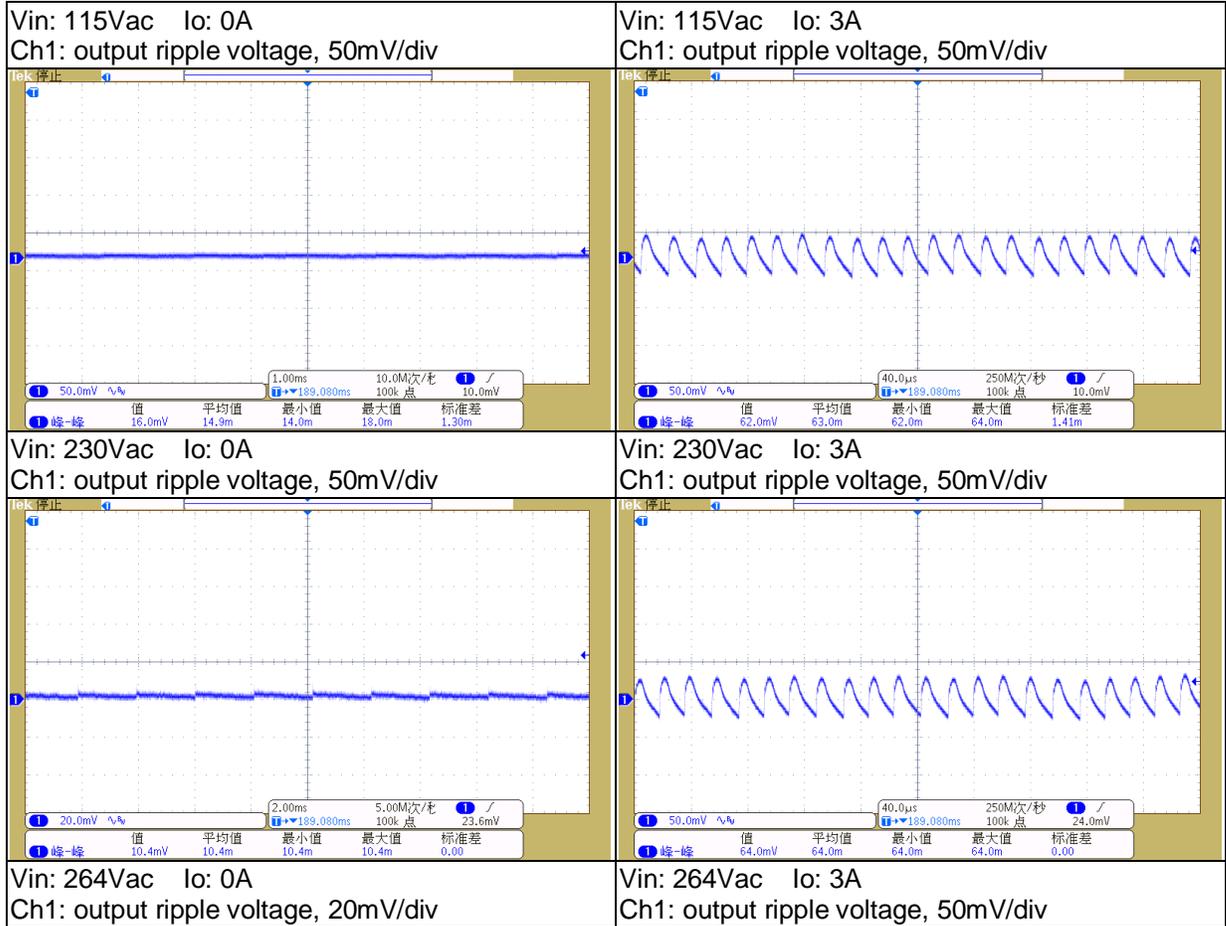
2.1 STARTUP

CH1: Vout



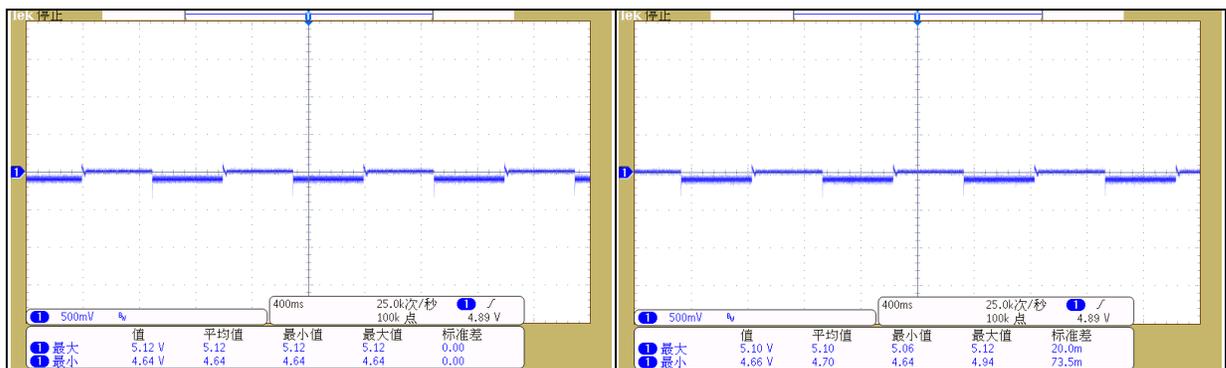
2.2 RIPPLE VOLTAGE





2.3 DYNAMIC RESPONSE

Input voltage	Output current	Max voltage	Min voltage
115Vac	0%-100% of full load	5.12V	4.64V
230Vac	0%-100% of full load	5.10V	4.66V

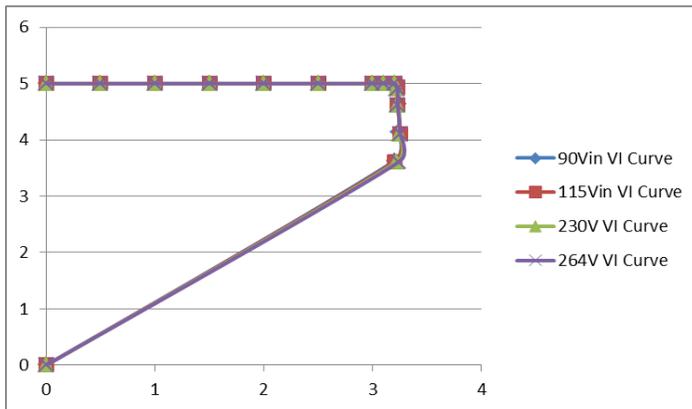


Vin: 115Vac test condition: 0%-100% of full load, 0.4A/us, 500ms cycle, 1m cable Ch1: output voltage	Vin: 230Vac test condition: 0%-100% of full load, 0.4A/us, 500ms cycle, 1m cable Ch1: output voltage
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2.4 OUTPUT SHORT PROTECTION

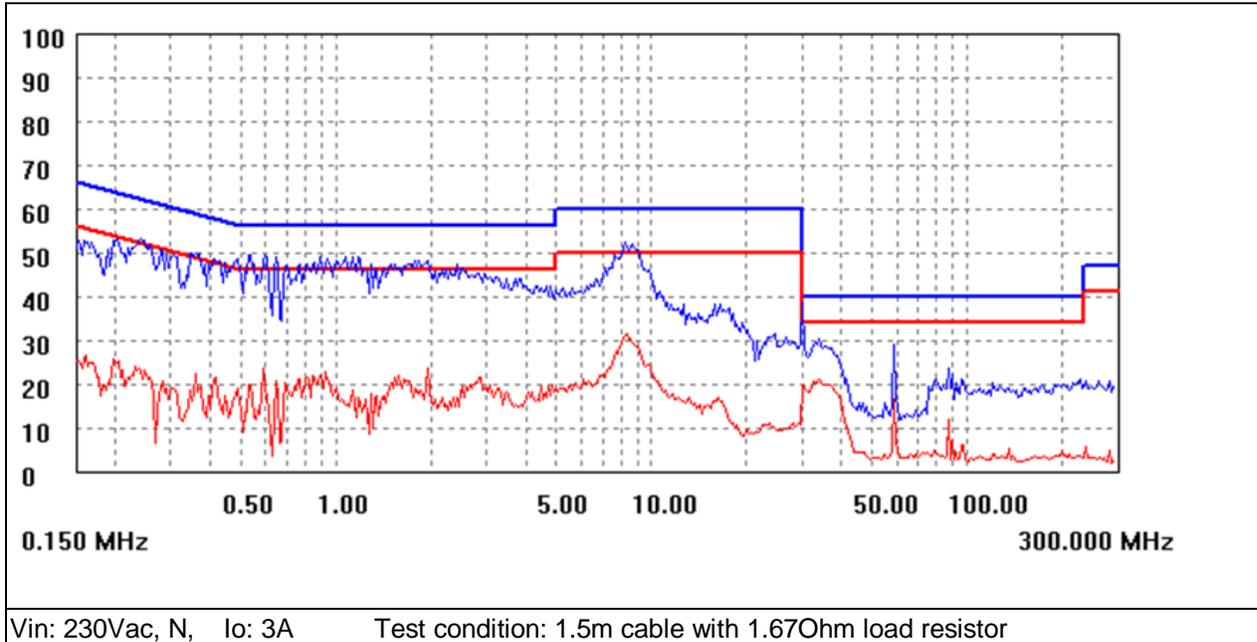
Input voltage	Output short protection
115&230Vac	Hiccup up mode

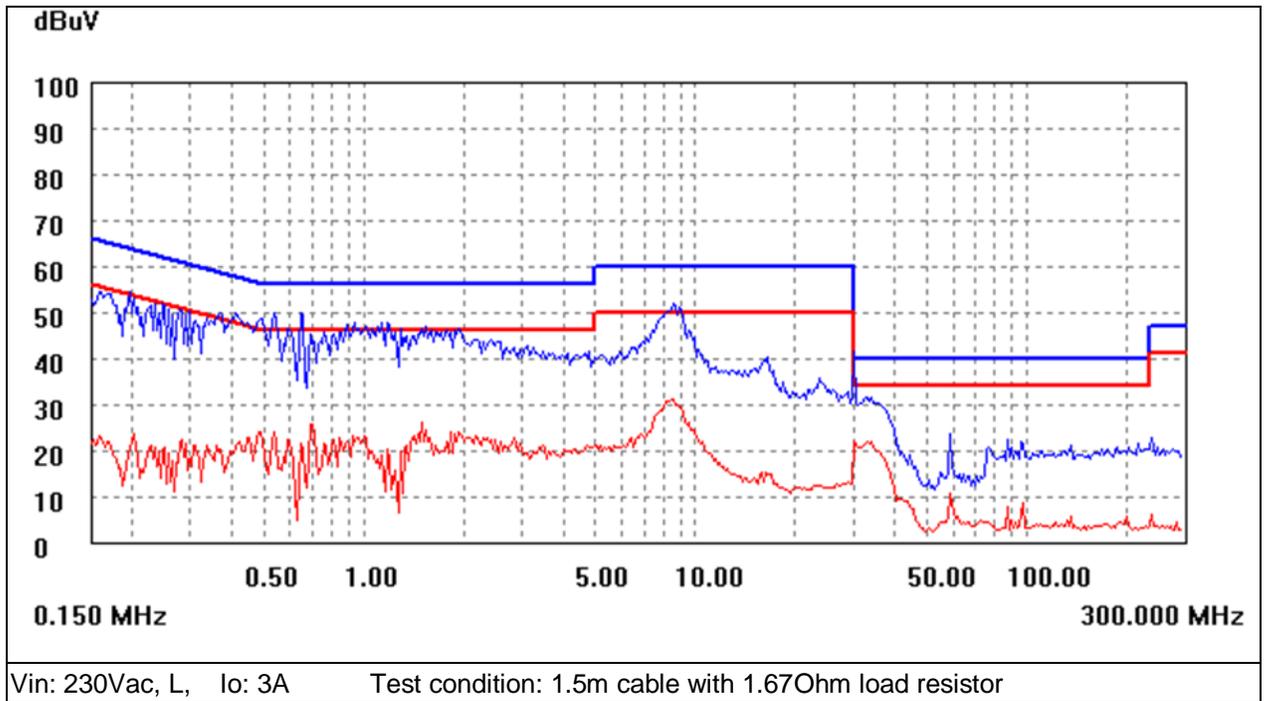
3. IV CURVE



4. EMI Test

Conduction emission





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