

## **PMP4466 Test Results**

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### **1. INPUT CHARACTERISTICS**

#### 1.1 Standby Power

<b>Vin (Vac)</b>	<b>Pin (mW)</b>
90	15
115	16
230	25
264	27

#### 1.2 EFFICIENCY DATA and Curve

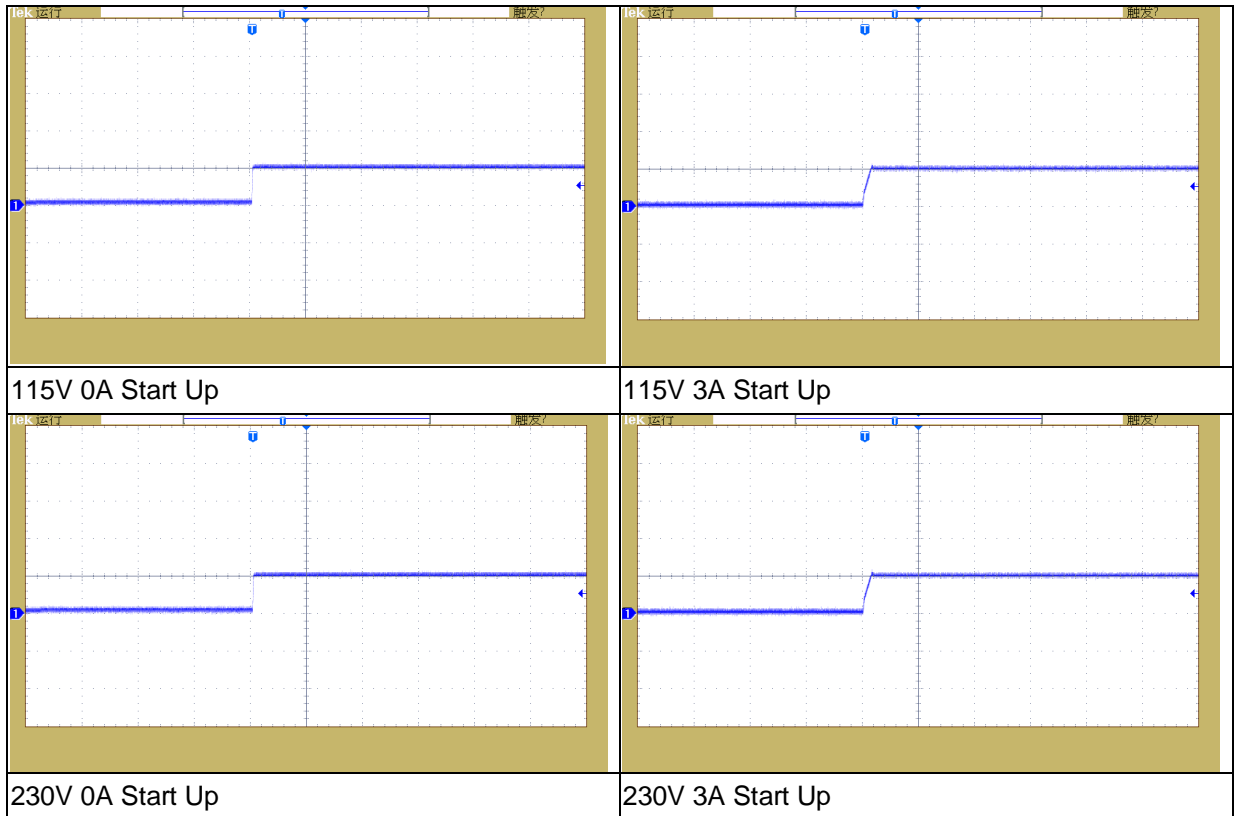
Note: Efficiency is tested on USB end

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

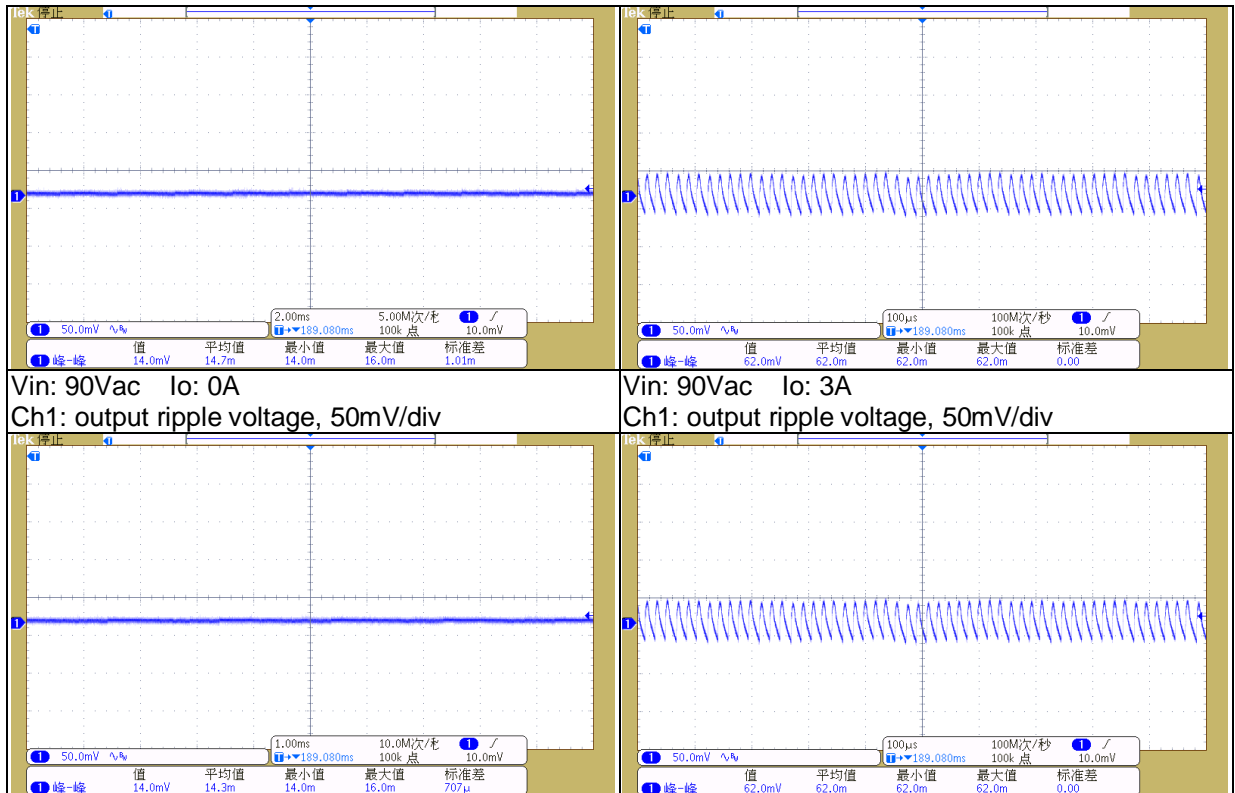
### **2. OUTPUT CHARACTERISTICS**

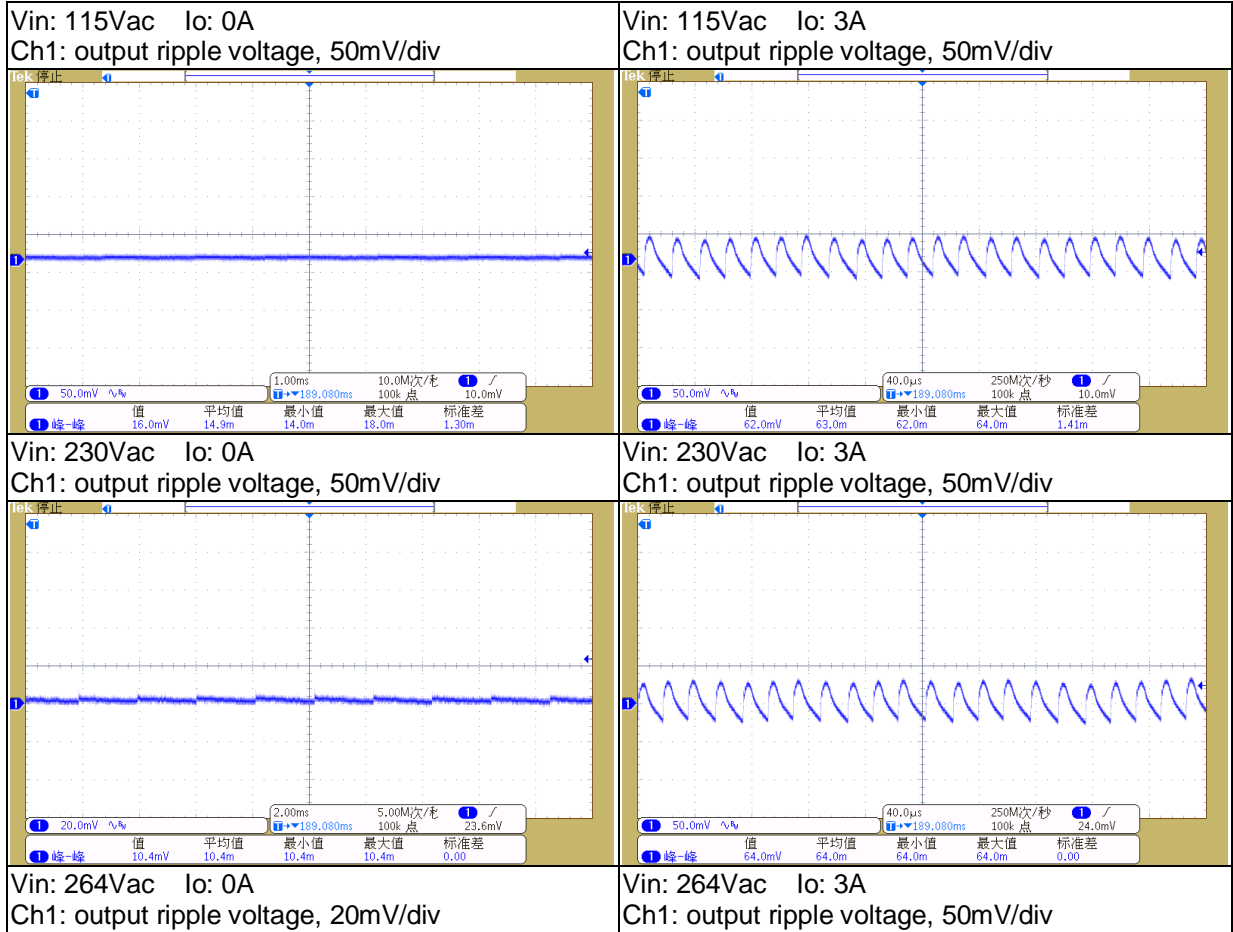
#### 2.1 STARTUP

CH1: Vout



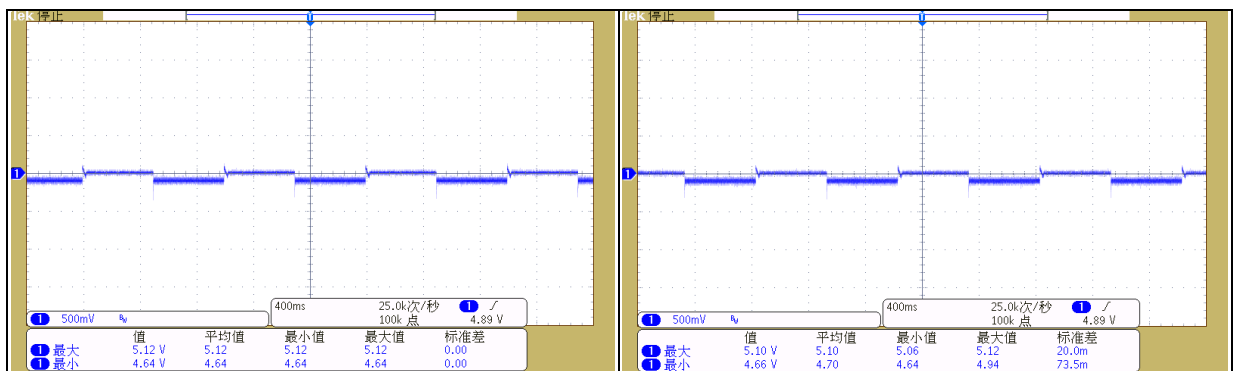
## 2.2 RIPPLE VOLTAGE





### 2.3 DYNAMIC RESPONSE

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

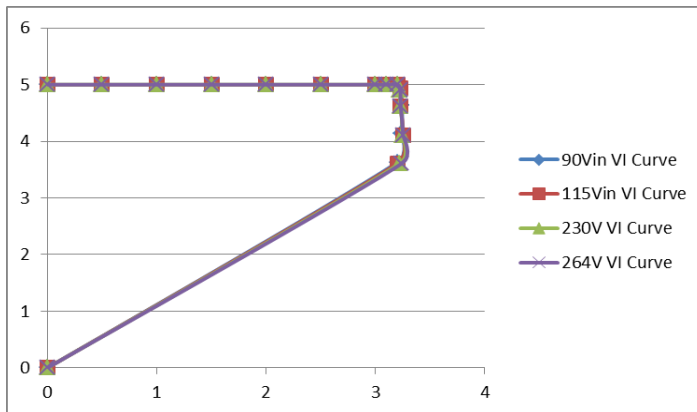


Vin: 115Vac test condition: 0%-100% of full load, 0.4A/us, 500ms cycle, 1m cable Ch1: output voltage	Vin: 230Vac test condition: 0%-100% of full load, 0.4A/us, 500ms cycle, 1m cable Ch1: output voltage
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### 2.4 OUTPUT SHORT PROTECTION

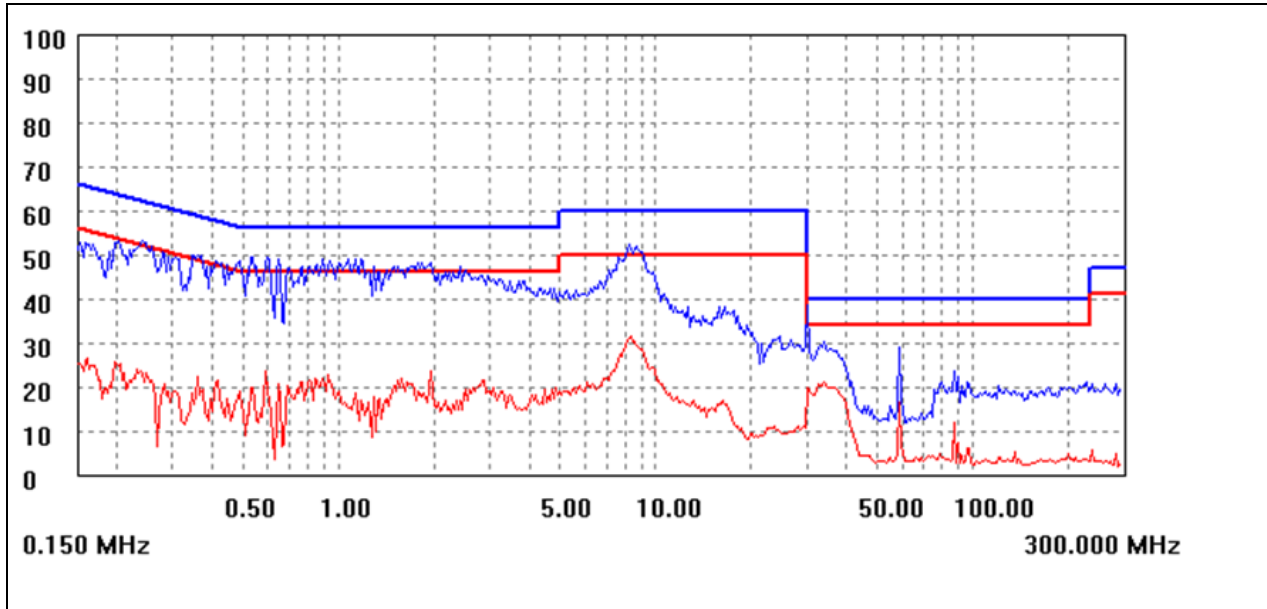
Input voltage	Output short protection
115&230Vac	Hiccup up mode

## 3. IV CURVE

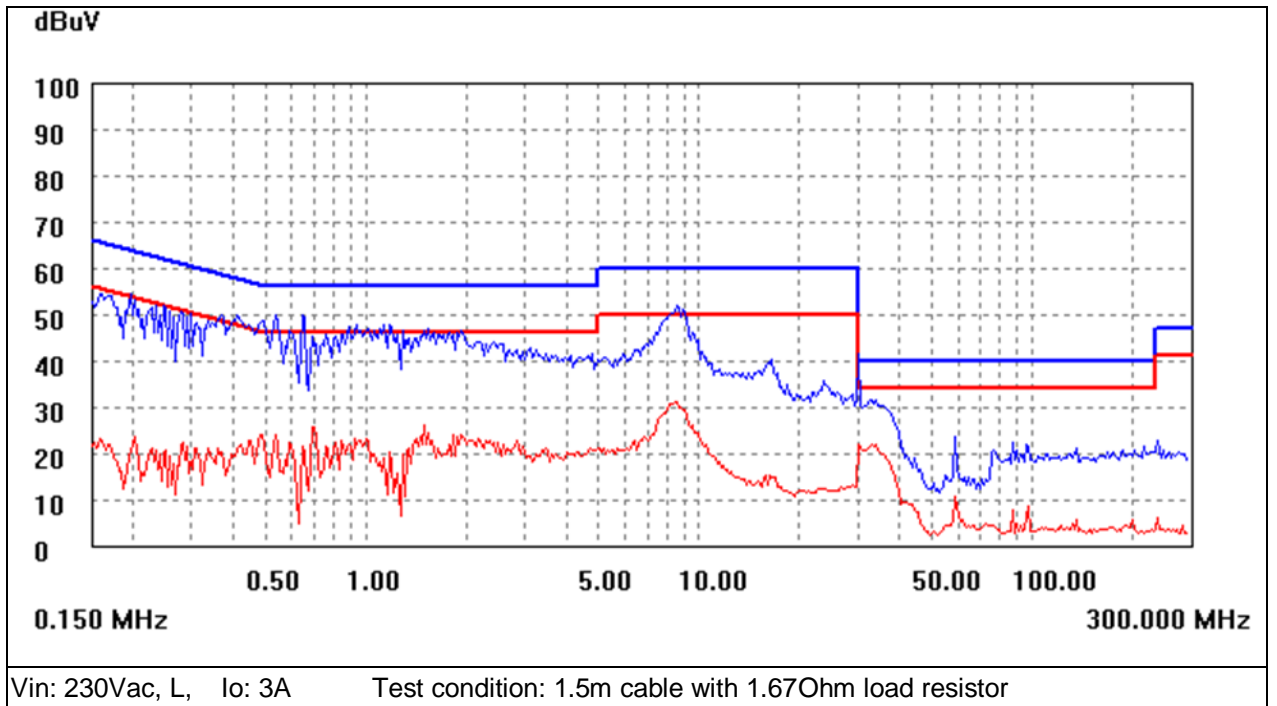


## 4. EMI Test

Conduction emission



Vin: 230Vac, N, Io: 3A Test condition: 1.5m cable with 1.67Ohm load resistor



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