

## PMP40260 Test Results

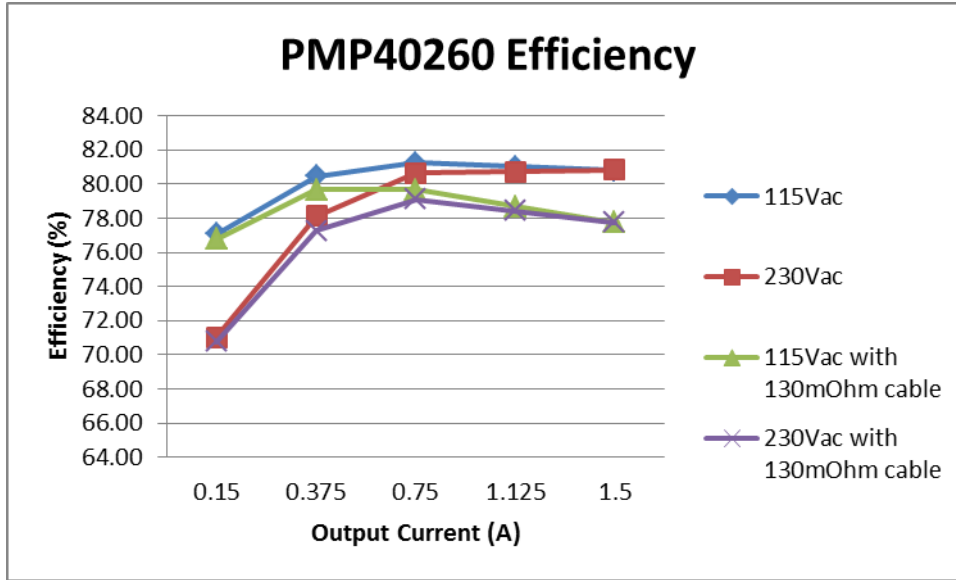
### 1. INPUT CHARACTERISTICS

#### 1.1 STANDBY POWER

Vin (Vac)	Input Power(mW)
85	37.2
115	38.9
132	39.8
180	46.6
230	57.2
264	58.6

#### 1.2 EFFICIENCY DATA

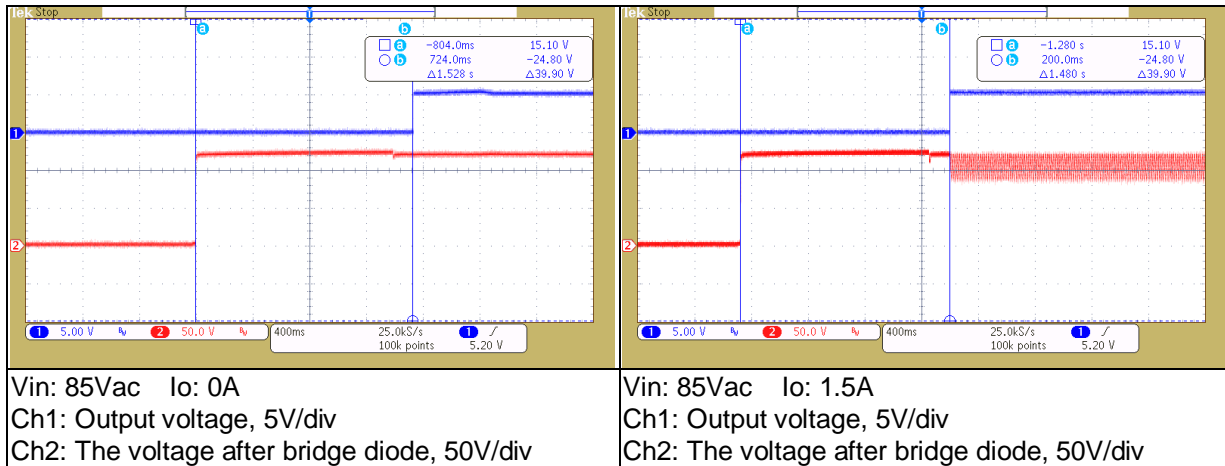
Vin (Vac)	Pin (W)	Io (A)	Vbus1 (V)	Vbus (V)	AC/DC Eff (%)	Board end Eff (%)	Board end Ave_Eff (%)	Ave_Eff with 130mOhm cable (%)	COC V5
									Tier 2 2016 standard eff (%)
115V/60Hz		0	5.050	5.050					
	0.98	0.15	5.048	5.036	77.27	77.08	77.08	76.78	67.7
	2.34	0.372	5.090	5.060	80.92	80.44	80.87	78.95	76.9
	4.7	0.75	5.152	5.091	82.21	81.24			
	7.118	1.125	5.217	5.126	82.46	81.02			
	9.585	1.5	5.285	5.163	82.70	80.8			
230V/50Hz		0	5.051	5.051					
	1.064	0.15	5.051	5.039	71.21	71.04	71.04	70.76	67.7
	2.404	0.371	5.093	5.063	78.60	78.14	80.08	78.14	76.90%
	4.735	0.749	5.160	5.099	81.62	80.66			
	7.148	1.125	5.220	5.129	82.16	80.72			
	9.574	1.499	5.283	5.162	82.72	80.82			



## 2. OUTPUT CHARACTERISTICS

### 2.1 Turn on delay time

Input voltage	Output current	Turn on delay time	Pass/Fail
85Vac 47Hz	0A	<b>1.528S</b>	<b>Pass</b>
85Vac 47Hz	1.5A	<b>1.480S</b>	<b>Pass</b>

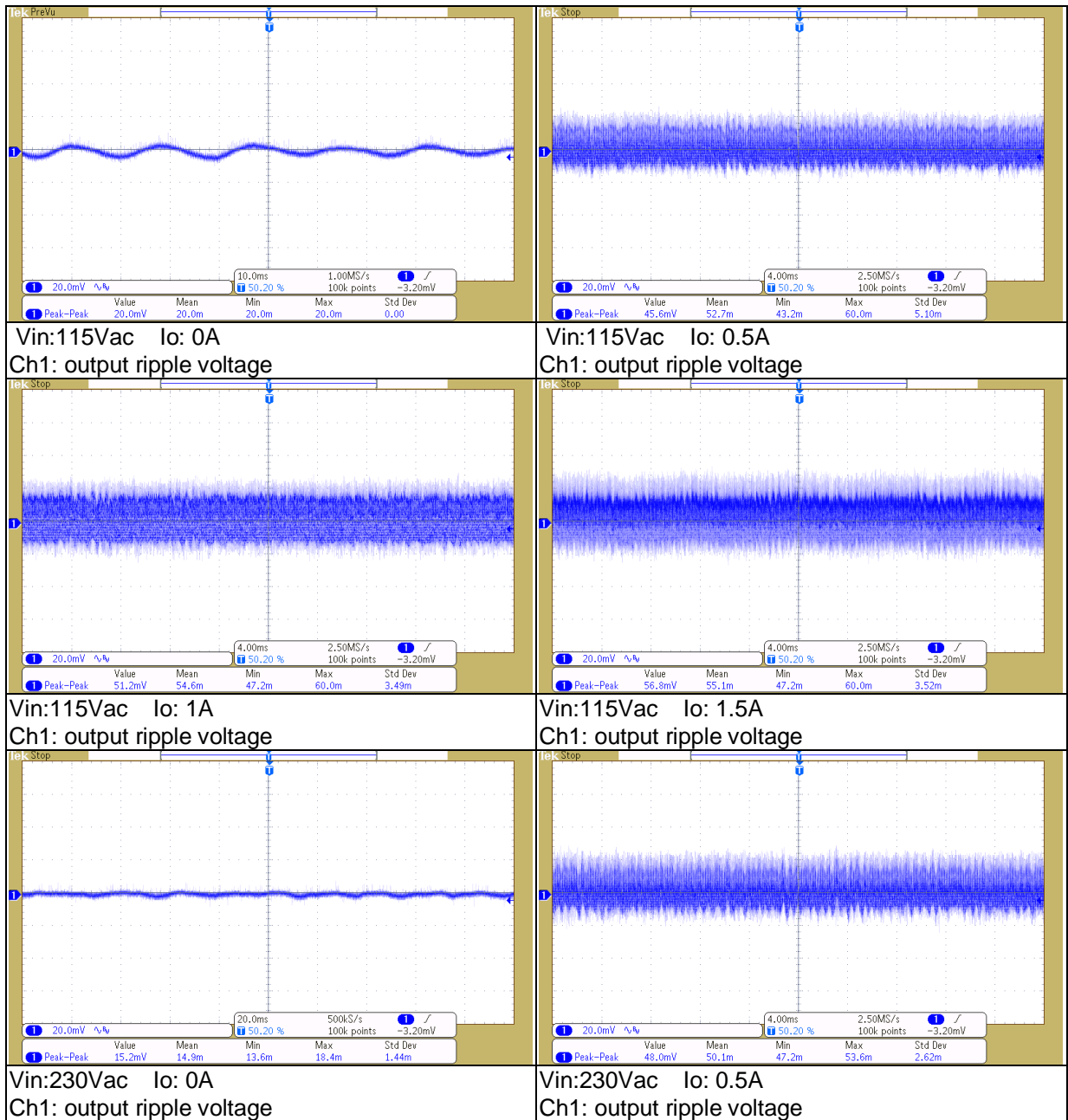


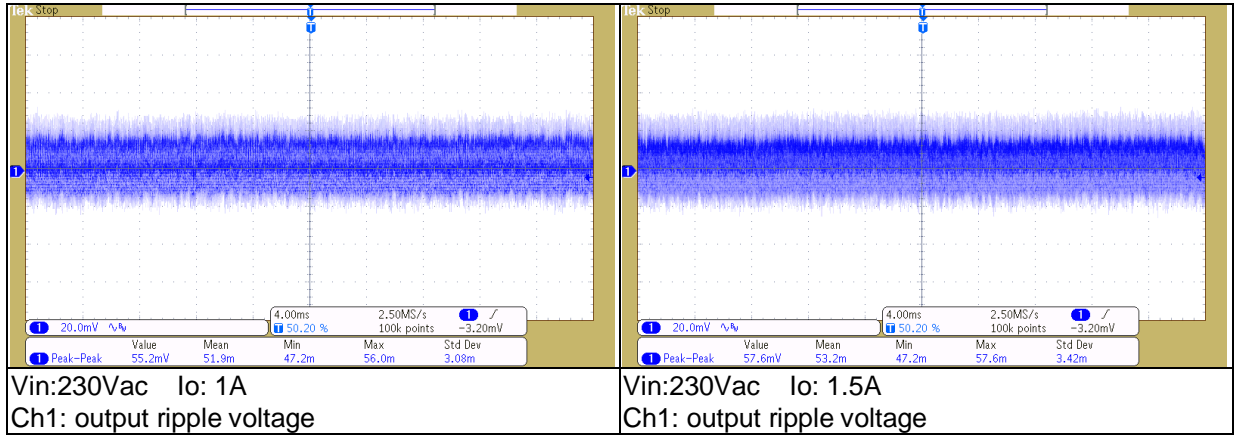
### 2.2 RIPPLE VOLTAGE

Test at board end

Input voltage	Output current	Ripple voltage
115Vac	0A	<b>20.0mV</b>
115Vac	0.5A	<b>45.6mV</b>

115Vac	1A	<b>51.2mV</b>
115Vac	1.5A	<b>56.8mV</b>
230Vac	0A	<b>15.2mV</b>
230Vac	0.5A	<b>48.0mV</b>
230Vac	1A	<b>55.2mV</b>
230Vac	1.5A	<b>57.6mV</b>

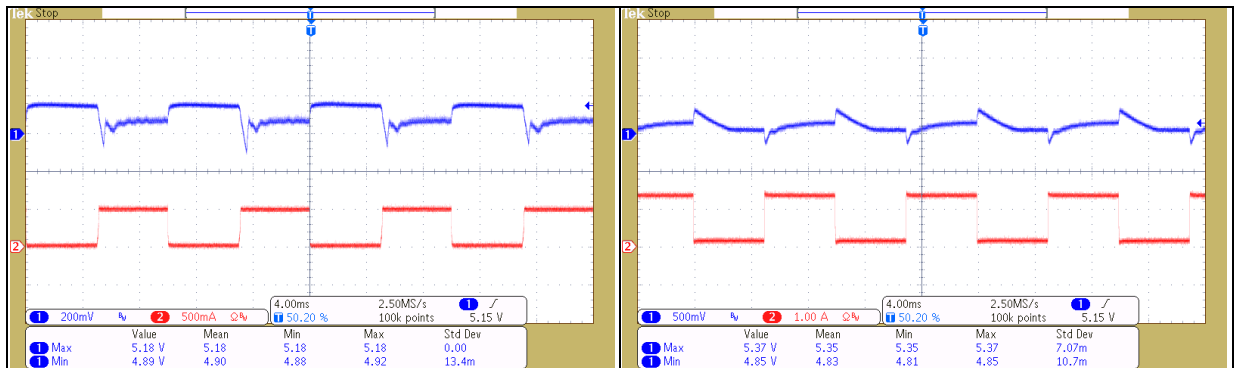




### 2.3 DYNAMIC RESPONSE

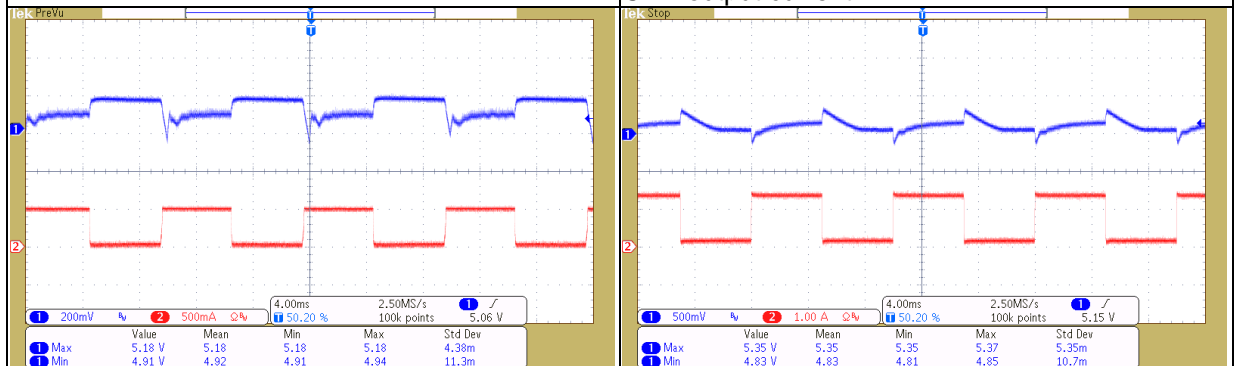
Test at board end

Input voltage	Output current	Min voltage	Max voltage
115Vac	0~500mA	<b>4.89V</b>	<b>5.18V</b>
115Vac	10%-90% of full load	<b>4.85V</b>	<b>5.37V</b>
230Vac	0~500mA	<b>4.91V</b>	<b>5.18V</b>
230Vac	10%-90% of full load	<b>4.83V</b>	<b>5.35V</b>



**Vin:115Vac** test condition: 0-500mA, 0.1A/us,  
Ch1: output voltage  
Ch2: output current

**Vin:230Vac** test condition: 10%-90% of full load,  
0.1A/us  
Ch1: output voltage  
Ch2: output current

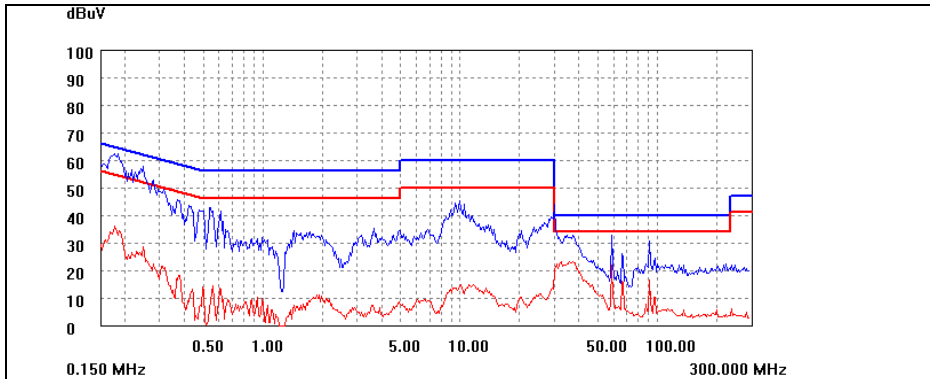


Vin: 230Vac test condition: 0-500mA, 0.1A/us,  
Ch1: output voltage  
Ch2: output current

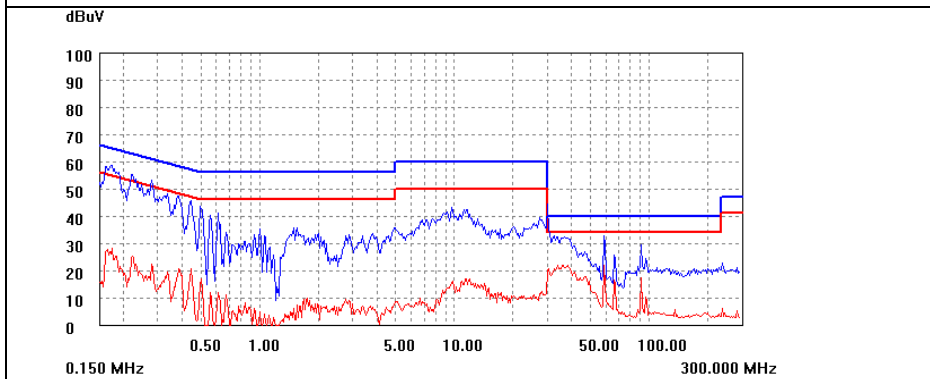
Vin: 230Vac test condition: 10%-90% of full load,  
0.1A/us  
Ch1: output voltage  
Ch2: output current

### 3. EMI Test

#### 3.1 Conduction EMI

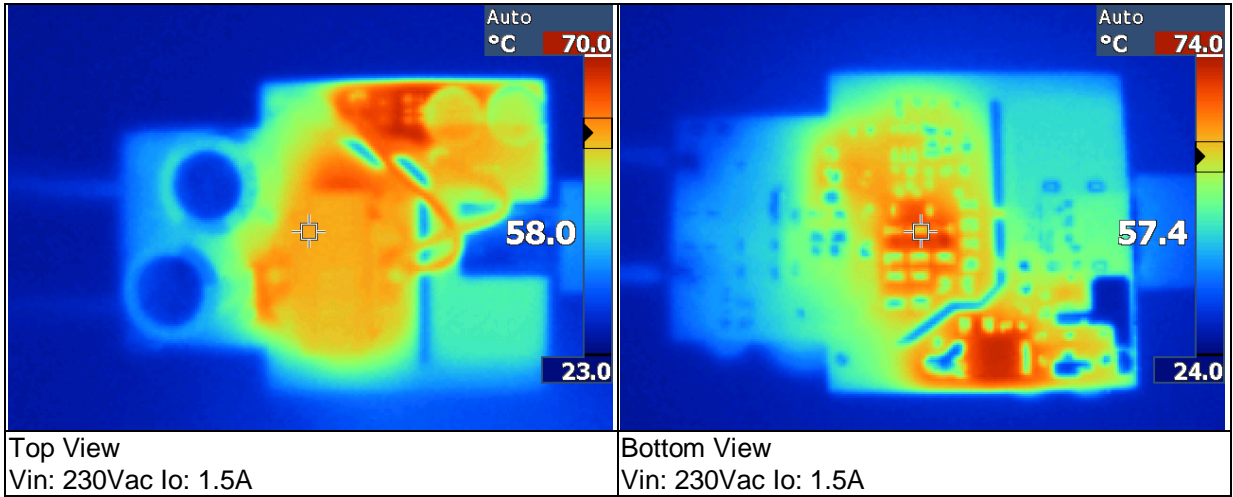


Vin: 115Vac Io: 1.5A



Vin: 230Vac Io: 1.5A

### 4. Thermal Test



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