

PMP40260 Test Results

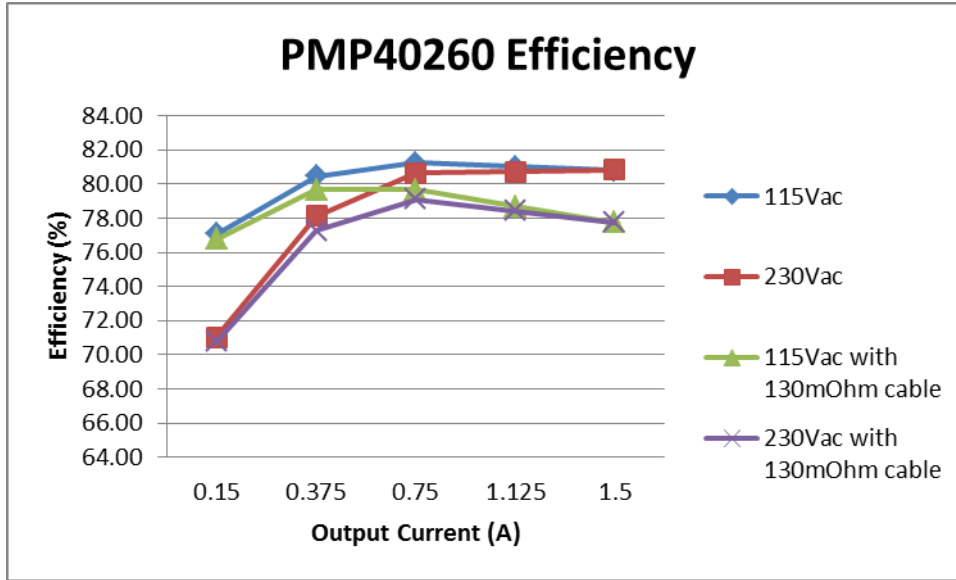
1. INPUT CHARACTERISTICS

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

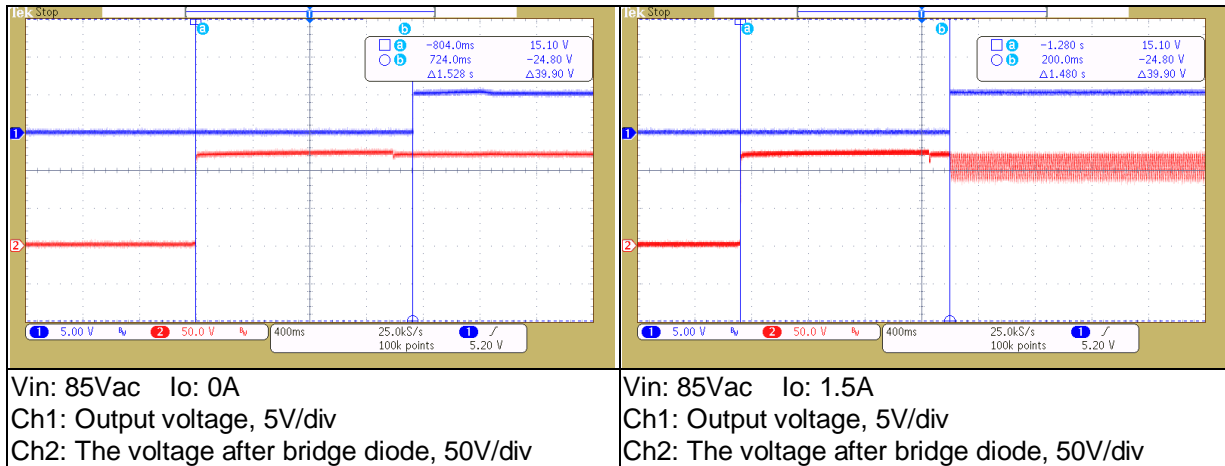
Vin (Vac)	Pin (W)	Io (A)	Vbus1 (V)	Vbus (V)	AC/DC Eff (%)	Board end Eff (%)	Board end Ave_Eff (%)	Ave_Eff with 130mOhm cable (%)	COC V5
									Tier 2 2016 standard eff (%)
115V/60Hz		0	5.050	5.050					
	0.98	0.15	5.048	5.036	77.27	77.08	77.08	76.78	67.7
	2.34	0.372	5.090	5.060	80.92	80.44	80.87	78.95	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	1.528S	Pass
85Vac 47Hz	1.5A	1.480S	Pass

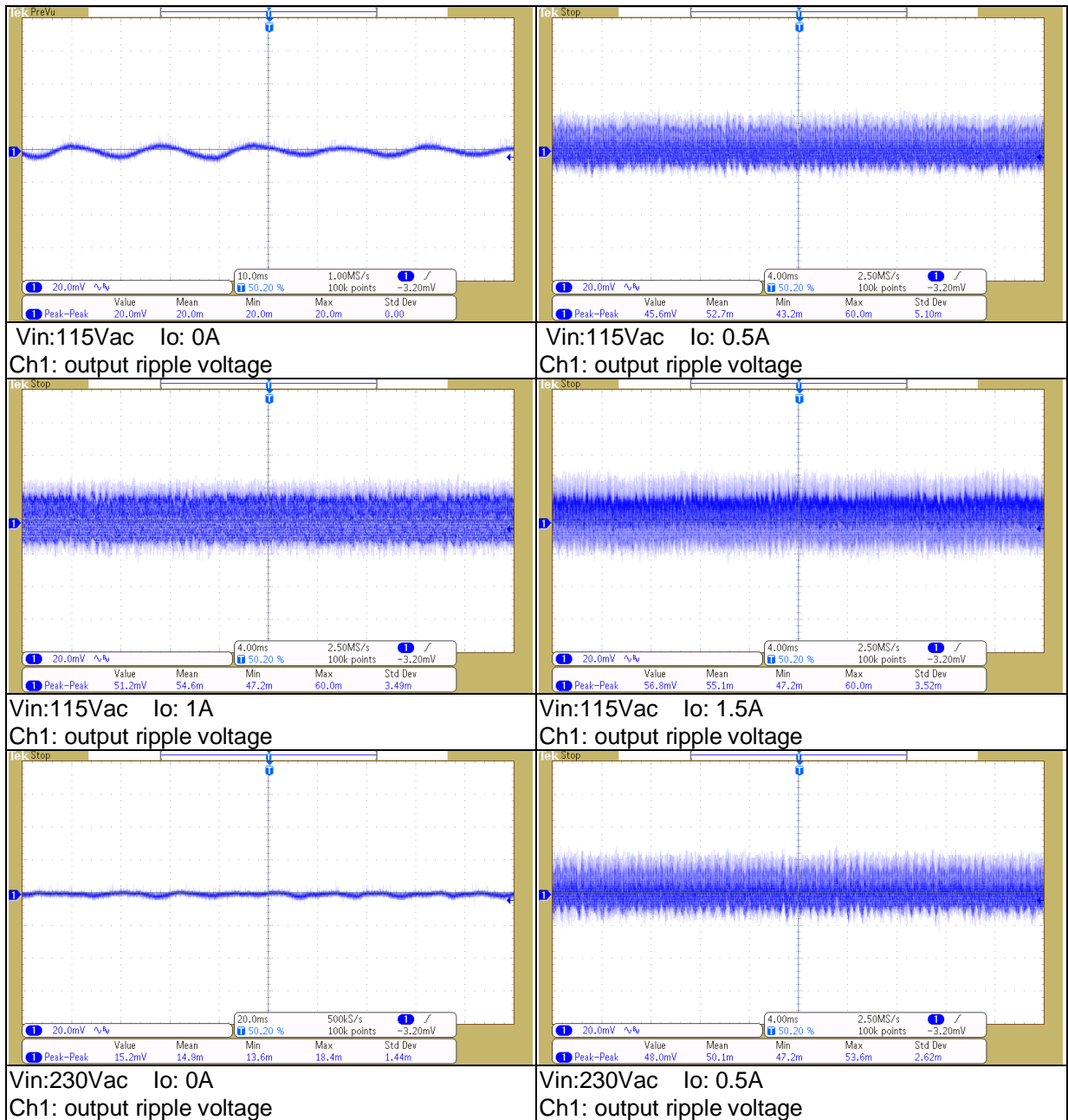


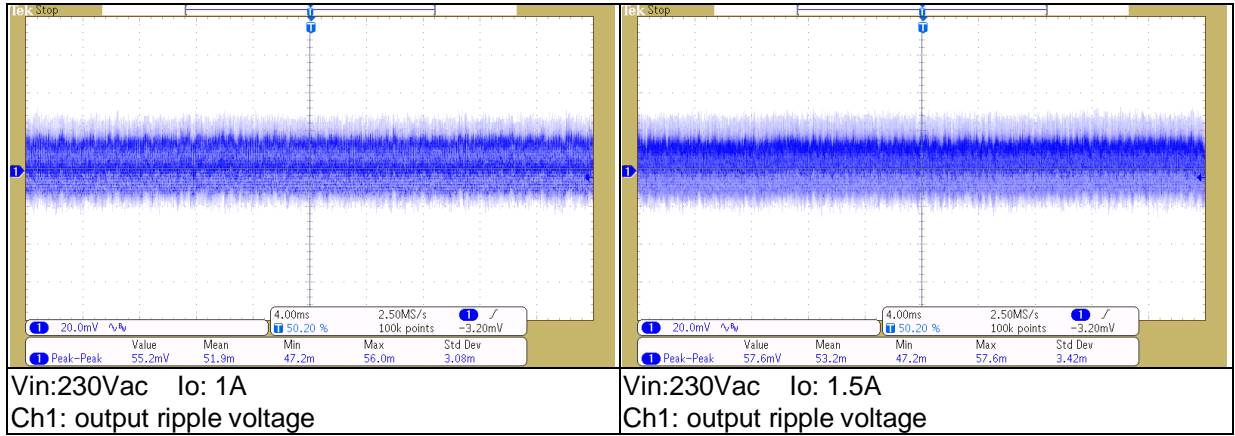
2.2 RIPPLE VOLTAGE

Test at board end

Input voltage	Output current	Ripple voltage
115Vac	0A	20.0mV
115Vac	0.5A	45.6mV

115Vac	1A	51.2mV
115Vac	1.5A	56.8mV
230Vac	0A	15.2mV
230Vac	0.5A	48.0mV
230Vac	1A	55.2mV
230Vac	1.5A	57.6mV

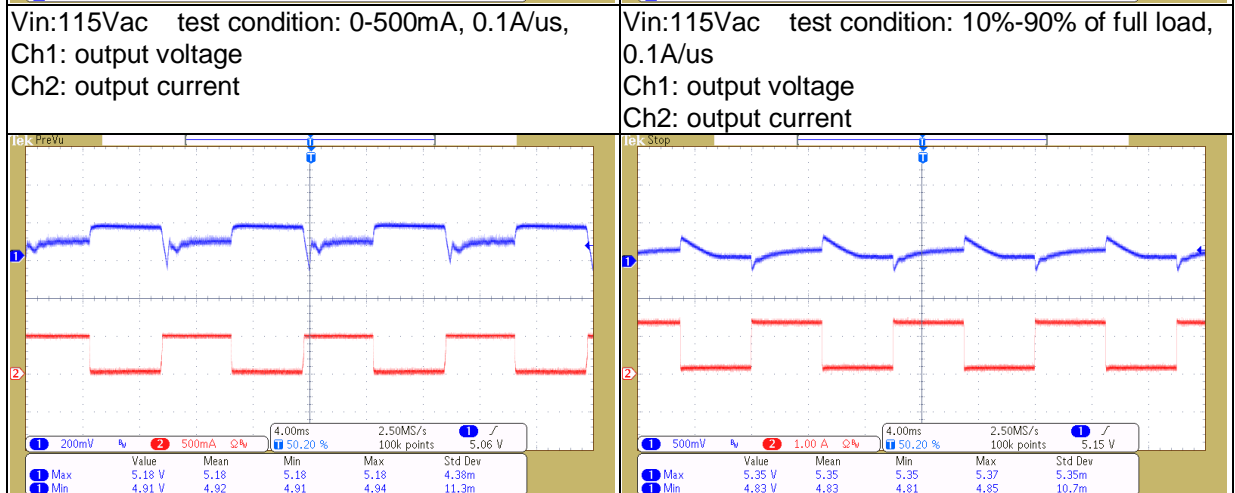
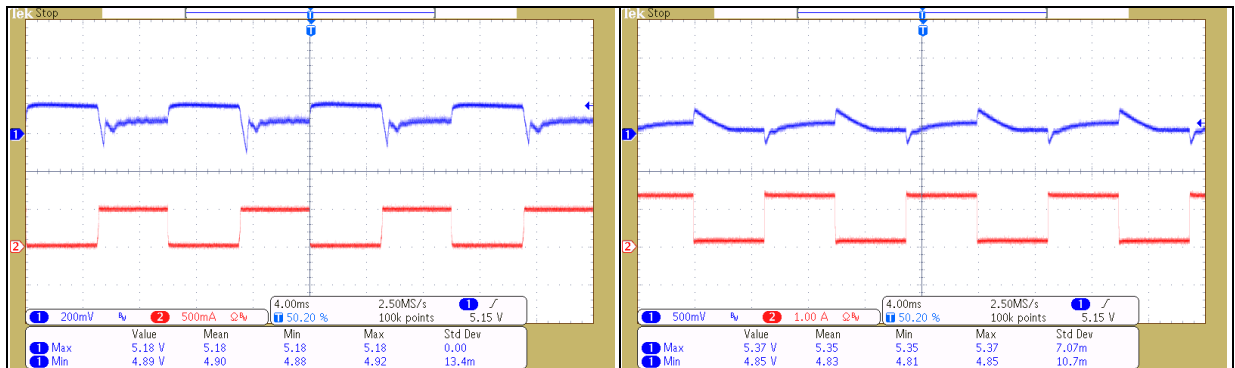




2.3 DYNAMIC RESPONSE

Test at board end

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

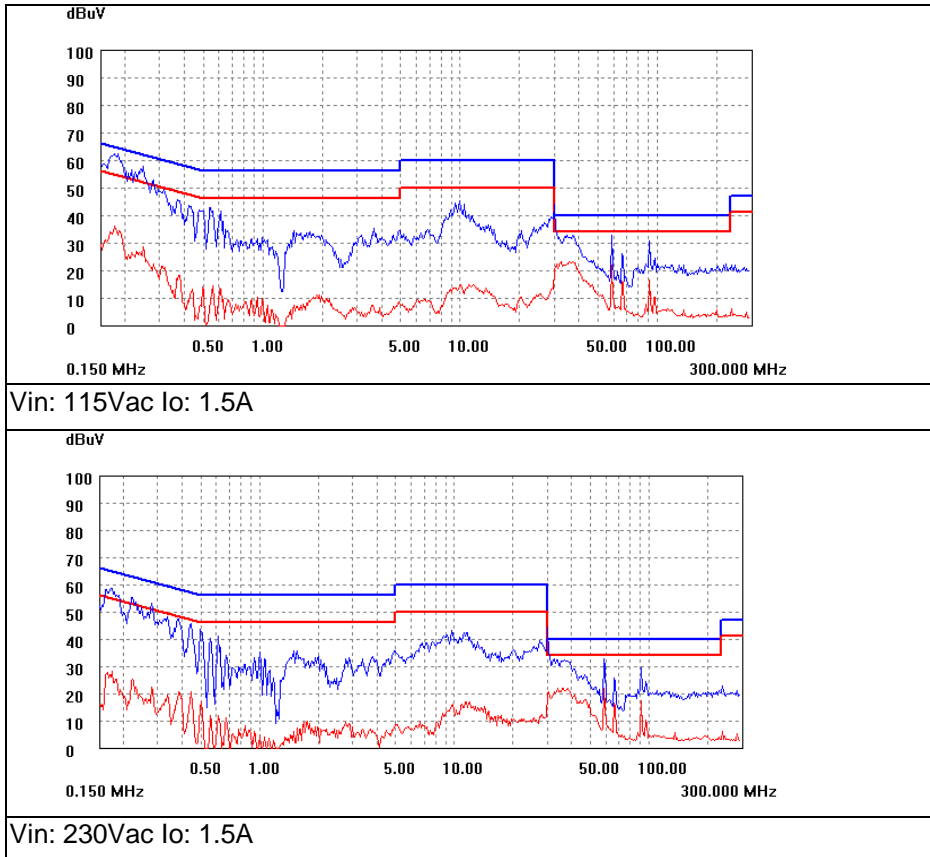


Vin: 230Vac test condition: 0-500mA, 0.1A/us,
Ch1: output voltage
Ch2: output current

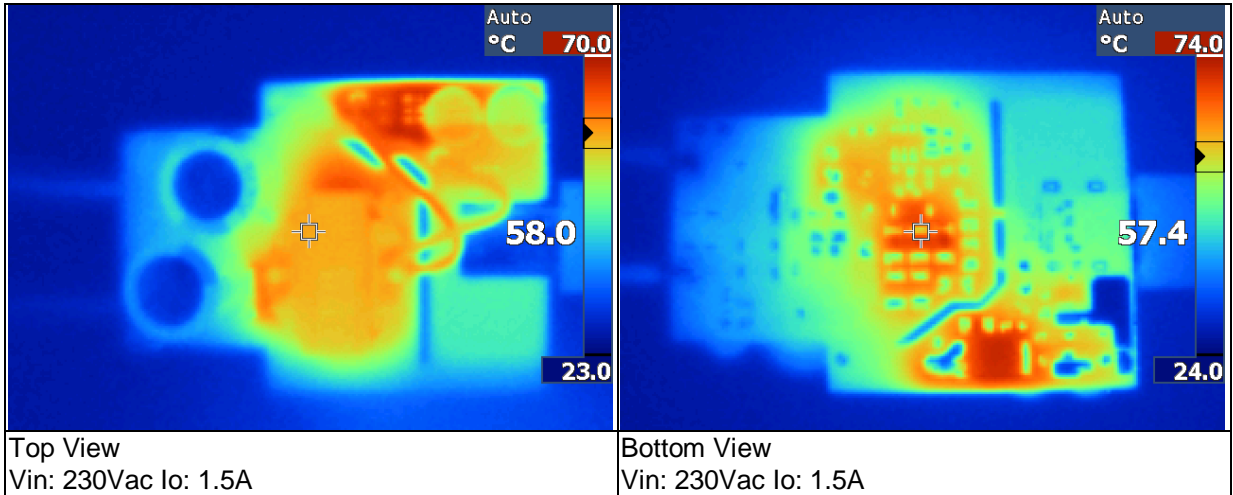
Vin: 230Vac test condition: 10%-90% of full load,
0.1A/us
Ch1: output voltage
Ch2: output current

3. EMI Test

3.1 Conduction EMI



4. Thermal Test



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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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