



Verification Test Report

Production Qualification Division

Switch Power Supply FSP450-60GHS(85) Verification Test Report	FSP USA(F06)	DU[Y. ' ' 2 of 3
	2012/02/21	

ACOUSTIC TEST

1. Test Equipment:

Equipment	Model	Serial No.	Qty	Remarks
Semi-Anechoic Chamber	Free Field Acoustic	N/A	1	
Microphone	B & K	4188	1	
Acoustic Analyzer	B & K	3560C	1	
Electronic Load	Chroma	6314	1	

2. Test Condition:

- ◇ Input voltage: 115V/60Hz
- ◇ Ambient Temperature: 25.0°C, Ambient Humidity: 50%RH.
- ◇ Background Noise: 19.5 dB.
- ◇ Warm Up Time: 15 Minutes.
- ◇ Load condition:

Load Condition	Output Voltage (V)						Remark
	+5V	+12V1	+12V2	-12V	+3.3V	+5VSB	
Min load	0.5	0.1	0.1	0	0.5	0	
20%	2.32	2.84	2.84	0.08	2.22	0.39	
40%	4.64	5.68	5.68	0.16	4.44	0.79	
60%	6.97	8.52	8.52	0.23	6.65	1.18	
80%	9.29	11.36	11.36	0.31	8.87	1.58	
100%	11.61	14.20	14.20	0.39	11.09	1.97	

3. Test Record:

Output Load	Min	20%	40%	60%	80%	100%
Total(dB) 115V/60Hz	26.5	26.8	26.8	27.0	27.1	31.6
SPEC(dB)	*	*	*	*	*	*



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