



Verification Test Report

FSP GROUP INC.

Production Qualification Division

Document Name: 開關電源 FSP400-60APN(85) 驗證測試報告 Switch Power Supply FSP400-60APN(85) Verification Test Report	Customer: F/S GMBH	Revision: 1
	Test Date: 2009/05/26	Page: 2 of 21

ACOUSTIC TEST

1. Test Equipment:

Item	Brand	Model	Qty	Remark
Semi-Anechoic Chamber	Free Field Acoustic	N/A	1	
Microphone	B & K	4190-L-001	1	
Acoustic Analyzer	B & K	3560C	1	
Electronic Load	Chroma	6314	1	

2. Test Condition:

- ✦ Input voltage: 230Vac/50Hz
- ✦ Ambient Temperature: 26.4°C, Ambient Humidity: 62%RH.
- ✦ Background Noise: 15.7 dB.
- ✦ Warm Up Time: 20 Minutes.
- ✦ Load condition:

Output Load	Output Load (A)						Remark
	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	
100%	15.8	9.9	11.9	11.9	0.25	2.1	
80%	12.7	7.9	9.5	9.5	0.2	1.7	
60%	9.5	5.9	7.1	7.1	0.15	1.3	
40%	6.3	4.0	4.7	4.7	0.13	0.8	
20%	3.2	2.0	2.4	2.4	0.1	0.4	
Min	0.5	0.3	0.5	0.5	0	0	

3. Test Record:

Output	min	20%	40%	60%	80%	100%	Remark
230Vac/50Hz	20.1	21.9	24.3	26.3	28.5	30.3	dB

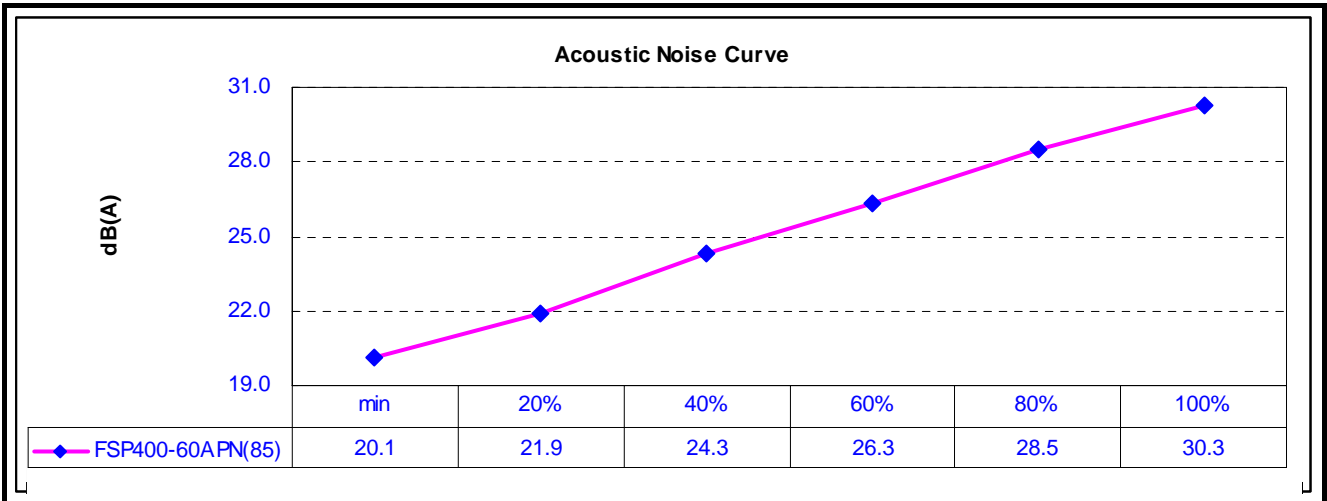


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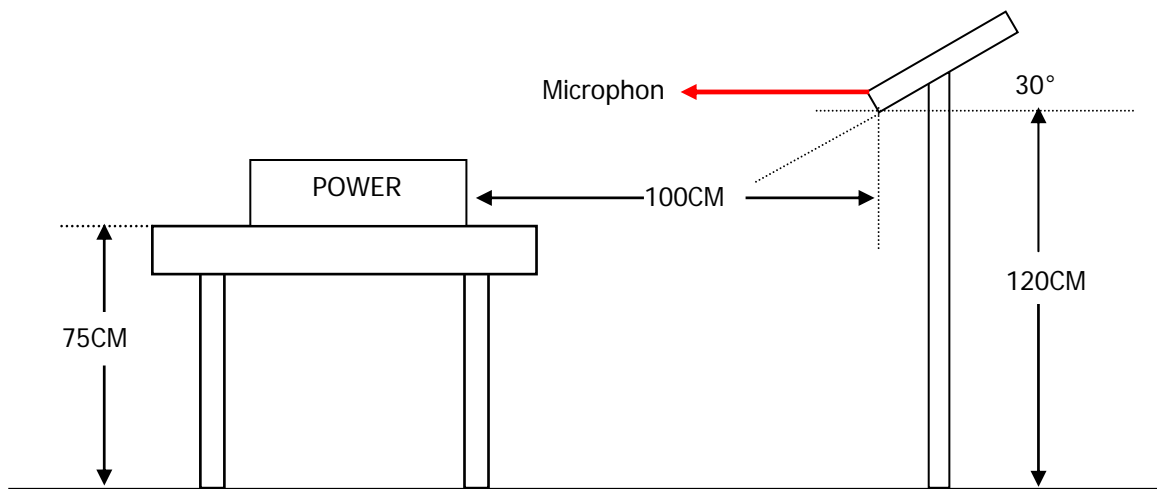
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4. Test Position Drawing:



5. Test Result:

REF