

DATA SHEET							Date	11-Oct-07																																														
Model	SFS204805						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	Y.Miyawaki																																														
LINE CONDUCTION																																																						
Model Name : SFS204805			Temp. : 25degreeC																																																			
Model No. :			Humi. : 45%																																																			
Serial No. :			Date : 2007/10/11 11:20																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Load Line : 100mm																																																			
Line Mode : VA			Comment : Vo = 5.0V , Io = 4.0A																																																			
Power Supply : DC 48V																																																						
Limit1: [CISPR Pub11] Class A Gr.1(QP)																																																						
Limit2: [CISPR Pub11] Class A Gr.1(Ave.)																																																						
							Limit1(QP) Limit2(Ave.) VA(PEAK) VB(PEAK) VA(QP) VA(Ave.)																																															
<table><tr><th>Frequency [MHz]</th><th>Meter Reading (Ave.) [dBuV]</th><th>Meter Reading (QP) [dBuV]</th><th>Factor [dB]</th><th>Level(Ave.) [dBuV]</th><th>Level(QP) [dBuV]</th><th>Line</th><th>Limit(Ave.) [dBuV]</th><th>Limit(QP) [dBuV]</th><th>Margin(Ave.) [dB]</th><th>Margin(QP) [dB]</th></tr><tr><td>0.1874</td><td>25.3</td><td>32.4</td><td>9.8</td><td>35.1</td><td>42.2</td><td>VA</td><td>66</td><td>79</td><td>30.9</td><td>36.8</td></tr><tr><td>0.646</td><td>33.8</td><td>33.8</td><td>9.9</td><td>43.7</td><td>43.7</td><td>VA</td><td>60</td><td>73</td><td>16.3</td><td>29.3</td></tr><tr><td>10.979</td><td>28.8</td><td>28.5</td><td>10.1</td><td>38.9</td><td>38.6</td><td>VA</td><td>60</td><td>73</td><td>21.1</td><td>34.4</td></tr></table>											Frequency [MHz]	Meter Reading (Ave.) [dBuV]	Meter Reading (QP) [dBuV]	Factor [dB]	Level(Ave.) [dBuV]	Level(QP) [dBuV]	Line	Limit(Ave.) [dBuV]	Limit(QP) [dBuV]	Margin(Ave.) [dB]	Margin(QP) [dB]	0.1874	25.3	32.4	9.8	35.1	42.2	VA	66	79	30.9	36.8	0.646	33.8	33.8	9.9	43.7	43.7	VA	60	73	16.3	29.3	10.979	28.8	28.5	10.1	38.9	38.6	VA	60	73	21.1	34.4
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Polarization : Vertical			Comment : Vo = 5.0V , Io = 4.0A																																																			
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Model	SFS204805	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1.Conditions

(1)Photograph of Test Set-Up

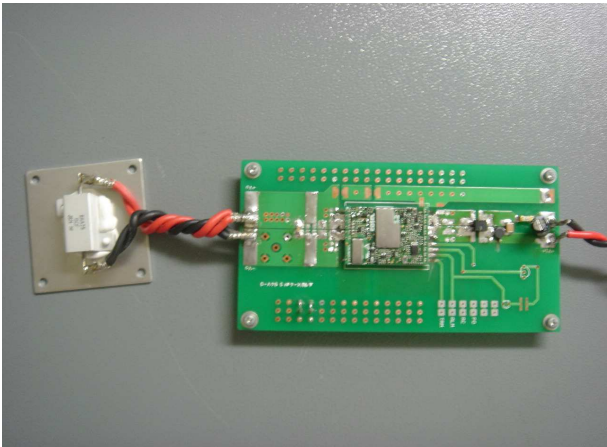
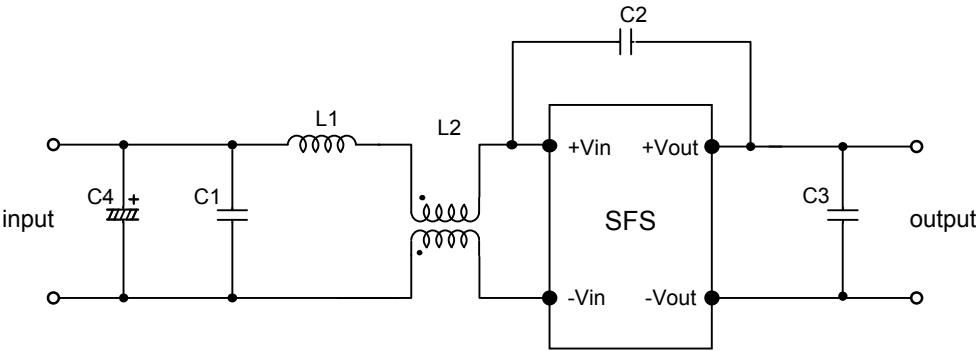


Fig1. Photograph of Test Set-Up

(2)Testing circuitry



- C1: 1 μ F 100V Ceramic capacitor

C2: 2200pF 630V Ceramic capacitor

C3: 22 μ F 16V Ceramic capacitor

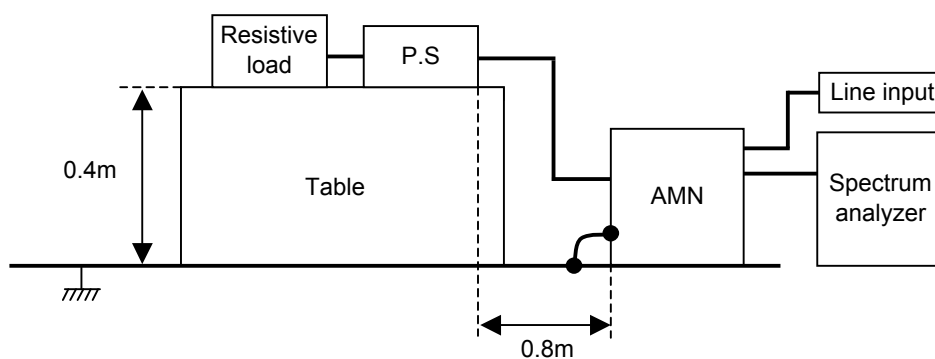
C4: 10 μ F 100V Electric capacitor
- L1: 1 μ H 2.4A Inductor

L2: ZJYS51R5-2PT : TDK

Fig2. Testing circuitry

DATA SHEET		Date	11-Oct-07
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1. Line conduction



2. Radiated emission

