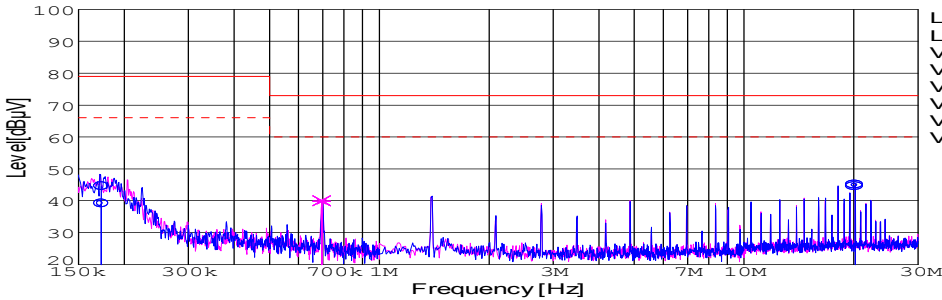
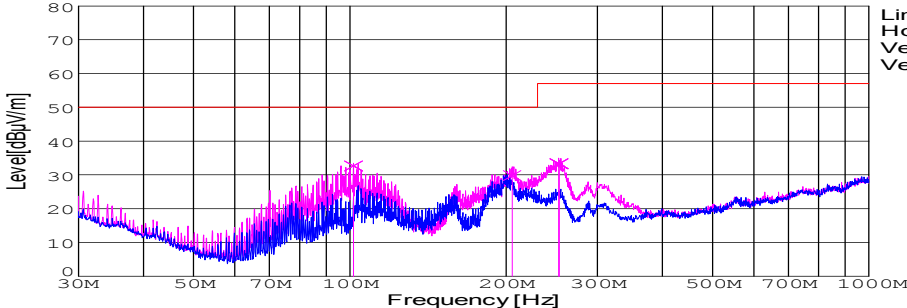


DATA SHEET							Date	11-Oct-07																																														
Model	SFS15481R2						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	Y.Miyawaki																																														
LINE CONDUCTION																																																						
Model Name			SFS15481R2		Temp.		25degreeC																																															
Model No.					Humi.		45%																																															
Serial No.					Date		2007/10/11 13:16																																															
Points			3		Test Equip.		R3132,ESPC																																															
Detector			PEAK/QP/Ave.		Load Line		100mm																																															
Line Mode			VA/VB		Comment		Vo = 1.2V , Io = 5.2A																																															
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.) VB(QP) VB(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>0.1729</td><td>29.3</td><td>34.6</td><td>9.8</td><td>39.1</td><td>44.4</td><td>VA</td><td>66</td><td>79</td><td>26.9</td><td>34.6</td></tr><tr><td>20.1626</td><td>34.6</td><td>34.3</td><td>10.3</td><td>44.9</td><td>44.6</td><td>VA</td><td>60</td><td>73</td><td>15.1</td><td>28.4</td></tr><tr><td>0.6954</td><td>29.9</td><td>30.1</td><td>9.9</td><td>39.8</td><td>40</td><td>VB</td><td>60</td><td>73</td><td>20.2</td><td>33</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]	0.1729	29.3	34.6	9.8	39.1	44.4	VA	66	79	26.9	34.6	20.1626	34.6	34.3	10.3	44.9	44.6	VA	60	73	15.1	28.4	0.6954	29.9	30.1	9.9	39.8	40	VB	60	73	20.2	33
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]																																												
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RADIATED EMISSION																																																						
Model Name			SFS15481R2		Temp.		25degreeC																																															
Model No.					Humi.		45%																																															
Serial No.					Date		2007/10/11 13:27																																															
Points			3		Test Equip.		R3132,ESPC																																															
Detector			PEAK/QP		Load Line		100mm																																															
Polarization			Vertical		Comment		Vo = 1.2V , Io = 5.2A																																															
Power Supply			DC 48V																																																			
Limit: [CISPR 11]			Class A Group 1<3m>																																																			
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Vertical(QP)																																															
<table><tr><th>Frequency [MHz]</th><th>MeterReading (QP) [dBuV]</th><th>Ant. Type</th><th>Antenna Factor [dB/m]</th><th>Cable & Preamp [dB]</th><th>Level(QP) [dBuV/m]</th><th>Angle [°]</th><th>Height [cm]</th><th>Polar.</th><th>Limit [dBuV/m]</th><th>Margin [dB]</th></tr><tr><td>101.641</td><td>54.5</td><td>BL</td><td>9.9</td><td>-31.7</td><td>32.7</td><td>351</td><td>110</td><td>Vert.</td><td>50</td><td>17.3</td></tr><tr><td>205.385</td><td>52.5</td><td>BL</td><td>8.6</td><td>-31.3</td><td>29.8</td><td>215</td><td>111</td><td>Vert.</td><td>50</td><td>20.2</td></tr><tr><td>252.798</td><td>51.6</td><td>BL</td><td>12.8</td><td>-31.1</td><td>33.3</td><td>225</td><td>136</td><td>Vert.</td><td>57</td><td>23.7</td></tr></table>											Frequency [MHz]	MeterReading (QP) [dBuV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBuV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	101.641	54.5	BL	9.9	-31.7	32.7	351	110	Vert.	50	17.3	205.385	52.5	BL	8.6	-31.3	29.8	215	111	Vert.	50	20.2	252.798	51.6	BL	12.8	-31.1	33.3	225	136	Vert.	57	23.7
Frequency [MHz]	MeterReading (QP) [dBuV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBuV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]																																												
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DATA SHEET		Date	11-Oct-07
Model	SFS15481R2	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1.Conditions

(1)Photograph of Test Set-Up

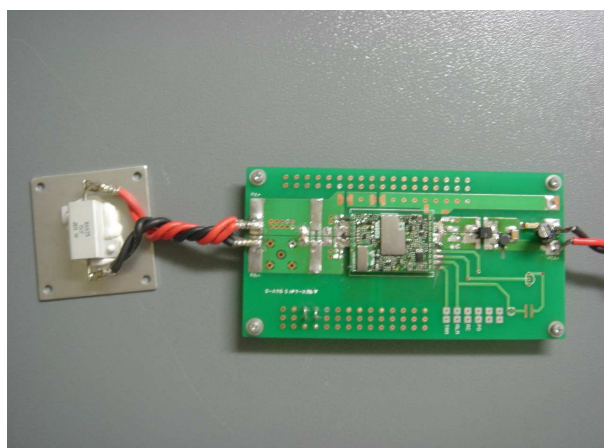
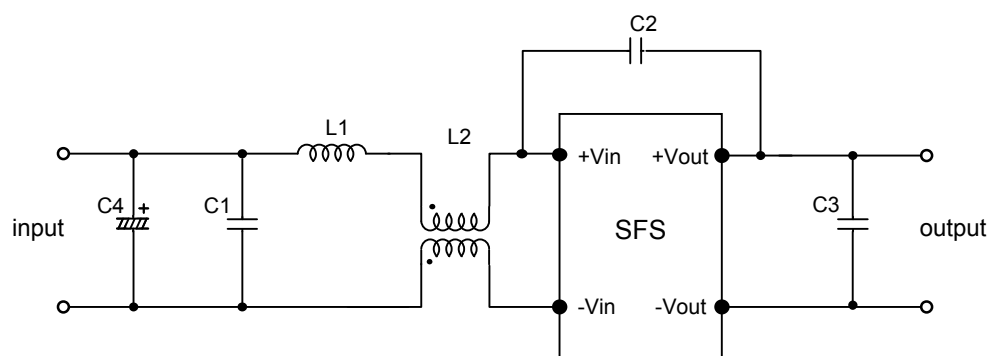


Fig1. Photograph of Test Set-Up

(2)Testing circuitry



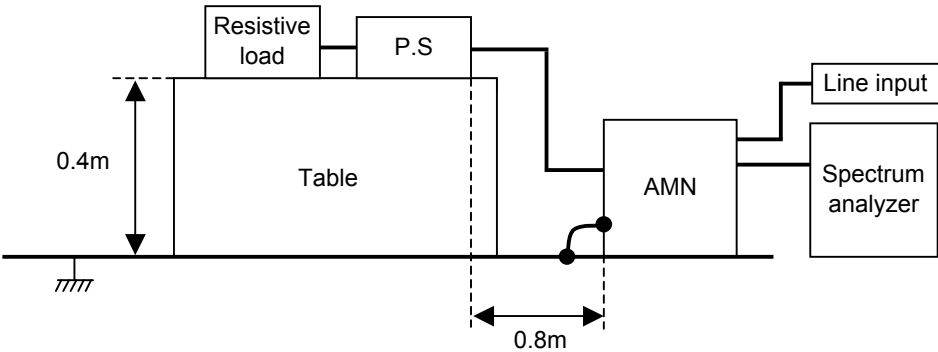
C1: 1 μ F 100V Ceramic capacitor
 C2: 2200pF 630V Ceramic capacitor
 C3: 22 μ F 16V Ceramic capacitor
 C4: 10 μ F 100V Electric capacitor

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

