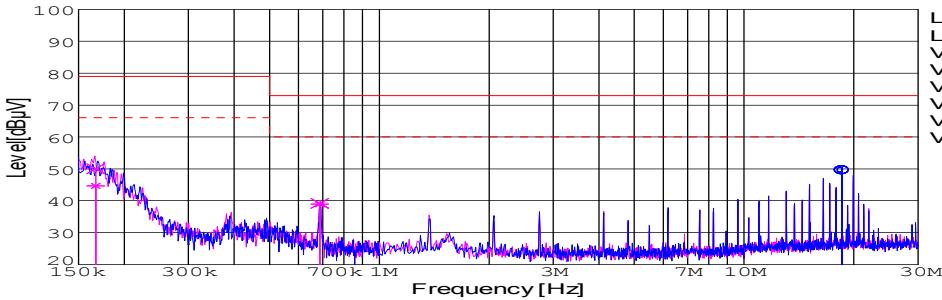
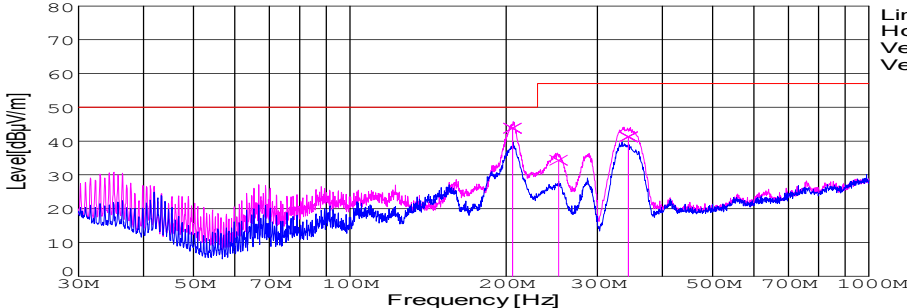


DATA SHEET							Date	12-Oct-07																																														
Model	SFS152412						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	Y.Miyawaki																																														
LINE CONDUCTION																																																						
Model Name : SFS152412			Temp. : 25degreeC																																																			
Model No. :			Humi. : 45%																																																			
Serial No. :			Date : 2007/10/12 15:12																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Load Line : 100mm																																																			
Line Mode : VA/VB			Comment : Vo = 12.0V , Io = 1.3A																																																			
Power Supply : DC 24V																																																						
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>18.5372</td><td>39.3</td><td>39.1</td><td>10.2</td><td>49.5</td><td>49.3</td><td>VA</td><td>60</td><td>73</td><td>10.5</td><td>23.7</td></tr><tr><td>0.167</td><td>34.9</td><td>40.2</td><td>9.8</td><td>44.7</td><td>50</td><td>VB</td><td>66</td><td>79</td><td>21.3</td><td>29</td></tr><tr><td>0.6869</td><td>29</td><td>29.3</td><td>9.9</td><td>38.9</td><td>39.2</td><td>VB</td><td>60</td><td>73</td><td>21.1</td><td>33.8</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]	18.5372	39.3	39.1	10.2	49.5	49.3	VA	60	73	10.5	23.7	0.167	34.9	40.2	9.8	44.7	50	VB	66	79	21.3	29	0.6869	29	29.3	9.9	38.9	39.2	VB	60	73	21.1	33.8
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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Model Name : SFS152412			Temp. : 25degreeC																																																			
Model No. :			Humi. : 45%																																																			
Serial No. :			Date : 2007/10/12 14:24																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Load Line : 100mm																																																			
Polarization : Vertical			Comment : Vo = 12.0V , Io = 1.3A																																																			
Power Supply : DC 24V																																																						
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>205.678</td><td>66.5</td><td>BL</td><td>8.6</td><td>-31.3</td><td>43.8</td><td>219</td><td>121</td><td>Vert.</td><td>50</td><td>6.2</td></tr><tr><td>252.403</td><td>52.7</td><td>BL</td><td>12.7</td><td>-31.1</td><td>34.3</td><td>209</td><td>132</td><td>Vert.</td><td>57</td><td>22.7</td></tr><tr><td>344.234</td><td>57.9</td><td>BL</td><td>14.2</td><td>-30.8</td><td>41.3</td><td>248</td><td>108</td><td>Vert.</td><td>57</td><td>15.7</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]	205.678	66.5	BL	8.6	-31.3	43.8	219	121	Vert.	50	6.2	252.403	52.7	BL	12.7	-31.1	34.3	209	132	Vert.	57	22.7	344.234	57.9	BL	14.2	-30.8	41.3	248	108	Vert.	57	15.7
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	12-Oct-07
Model	SFS152412	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1.Conditions

(1)Photograph of Test Set-Up

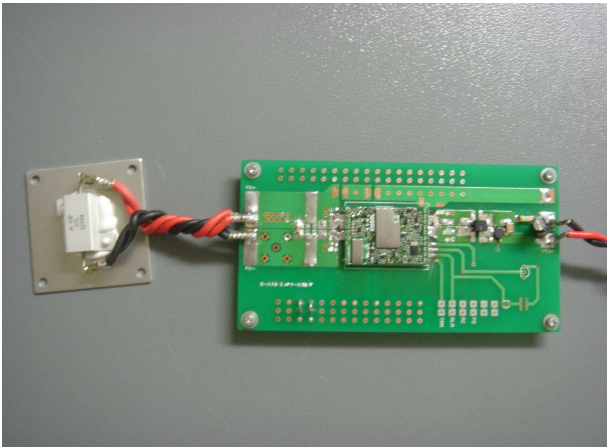
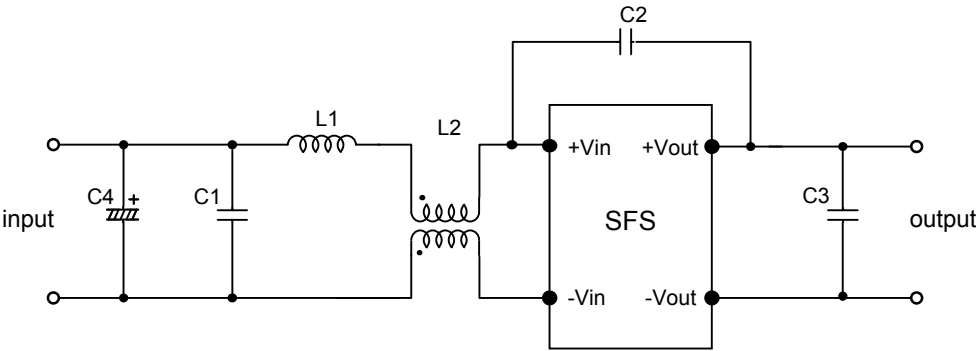


Fig1. Photograph of Test Set-Up

(2)Testing circuitry



- C1: 1 μ F 100V Ceramic capacitor

C2: 2200pF 630V Ceramic capacitor

C3: 0.1 μ F 50V Ceramic capacitor

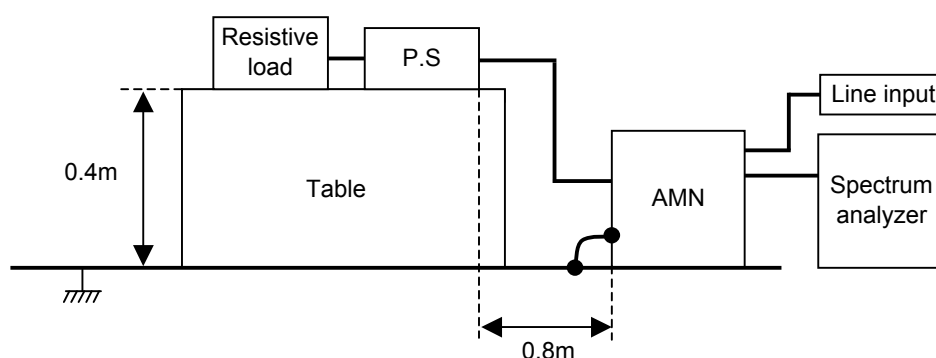
C4: 33 μ F 100V Electric capacitor
- L1: 1 μ H 2.4A Inductor

L2: ZJYS51R5-2PT : TDK

Fig2. Testing circuitry

DATA SHEET		Date	12-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

