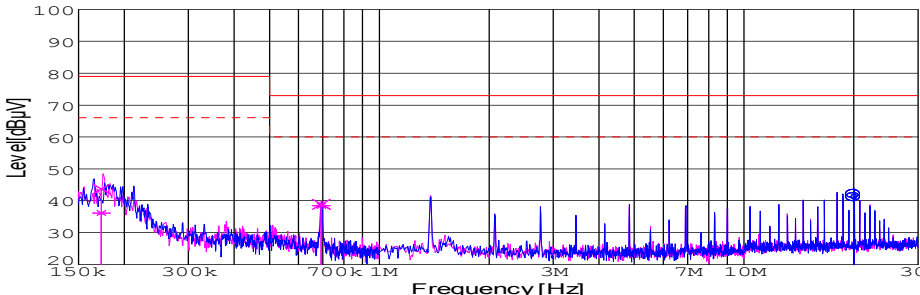
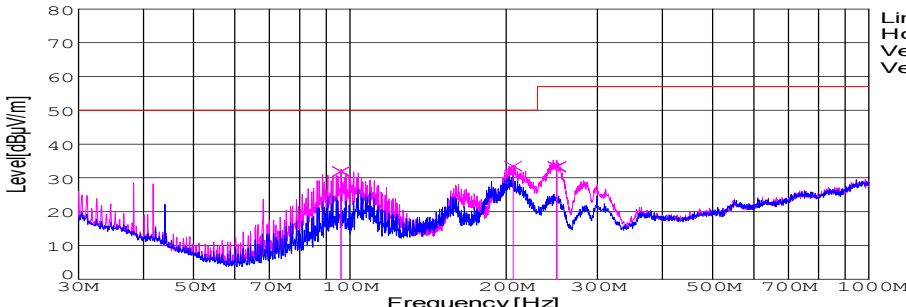


DATA SHEET							Date	11-Oct-07																																															
Model	SFS10481R2						Temp.	25 degreeC																																															
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																															
							Tested by	Y.Miyawaki																																															
LINE CONDUCTION																																																							
Model Name			SFS10481R2			Temp.			25degreeC																																														
Model No.						Humi.			45%																																														
Serial No.						Date			2007/10/11 17:14																																														
Points			3			Test Equip.			R3132,ESPC																																														
Detector			PEAK/QP/Ave.			Load Line			100mm																																														
Line Mode			VA/VB			Comment			Vo = 1.2V , Io = 3.5A																																														
Power Supply			DC 48V																																																				
Limit1: [CISPR Pub11] Class A Gr.1(QP)																																																							
Limit2: [CISPR Pub11] Class A Gr.1(Ave.)																																																							
							<div>Limit1(QP)</div> <div>Limit2(Ave.)</div> <div>VA(PEAK)</div> <div>VB(PEAK)</div> <div>VA(QP)</div> <div>VA(Ave.)</div> <div>VB(QP)</div> <div>VB(Ave.)</div>																																																
<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>20.0574</td><td>30.8</td><td>31.8</td><td>10.3</td><td>41.1</td><td>42.1</td><td>VA</td><td>60</td><td>73</td><td>18.9</td><td>30.9</td></tr><tr><td>0.1731</td><td>26.4</td><td>33.9</td><td>9.8</td><td>36.2</td><td>43.7</td><td>VB</td><td>66</td><td>79</td><td>29.8</td><td>35.3</td></tr><tr><td>0.6935</td><td>28.5</td><td>29</td><td>9.9</td><td>38.4</td><td>38.9</td><td>VB</td><td>60</td><td>73</td><td>21.6</td><td>34.1</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]	20.0574	30.8	31.8	10.3	41.1	42.1	VA	60	73	18.9	30.9	0.1731	26.4	33.9	9.8	36.2	43.7	VB	66	79	29.8	35.3	0.6935	28.5	29	9.9	38.4	38.9	VB	60	73	21.6	34.1
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			SFS10481R2			Temp.			25degreeC																																														
Model No.						Humi.			45%																																														
Serial No.						Date			2007/10/11 18:44																																														
Points			3			Test Equip.			R3132,ESPC																																														
Detector			PEAK/QP			Load Line			100mm																																														
Polarization			Vertical			Comment			Vo = 1.2V , Io = 3.5A																																														
Power Supply			DC 48V																																																				
Limit: [CISPR 11] Class A Group 1<3m>																																																							
							<div>Limit(QP)</div> <div>Horizontal(PEAK)</div> <div>Vertical(PEAK)</div> <div>Vertical(QP)</div>																																																
<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>96.199</td><td>54.3</td><td>BL</td><td>9.4</td><td>-31.8</td><td>31.9</td><td>54</td><td>126</td><td>Vert.</td><td>50</td><td>18.1</td></tr><tr><td>206.245</td><td>56.2</td><td>BL</td><td>8.6</td><td>-31.3</td><td>33.5</td><td>201</td><td>113</td><td>Vert.</td><td>50</td><td>16.5</td></tr><tr><td>250.496</td><td>51.9</td><td>BL</td><td>12.5</td><td>-31.1</td><td>33.3</td><td>211</td><td>123</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]	96.199	54.3	BL	9.4	-31.8	31.9	54	126	Vert.	50	18.1	206.245	56.2	BL	8.6	-31.3	33.5	201	113	Vert.	50	16.5	250.496	51.9	BL	12.5	-31.1	33.3	211	123	Vert.	57	23.7
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DATA SHEET		Date	11-Oct-07
Model	SFS10481R2	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1.Conditions

(1)Photograph of Test Set-Up

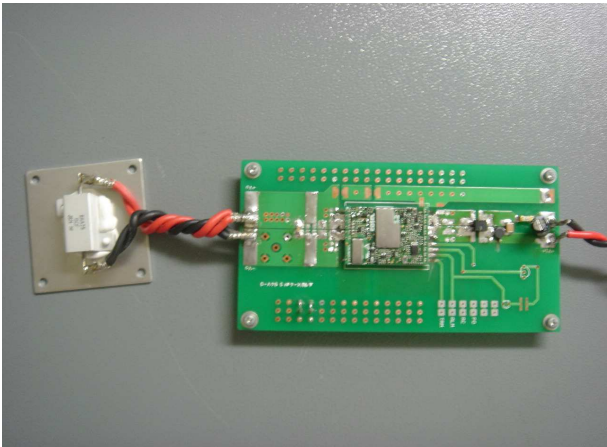
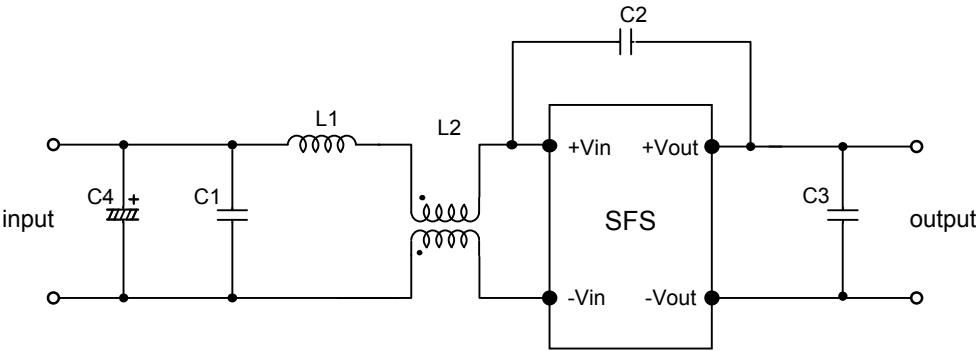


Fig1. Photograph of Test Set-Up

(2)Testing circuitry



- C1: 1 μ F 100V Ceramic capacitor

C2: 2200pF 630V Ceramic capacitor

C3: 22 μ F 16V Ceramic capacitor

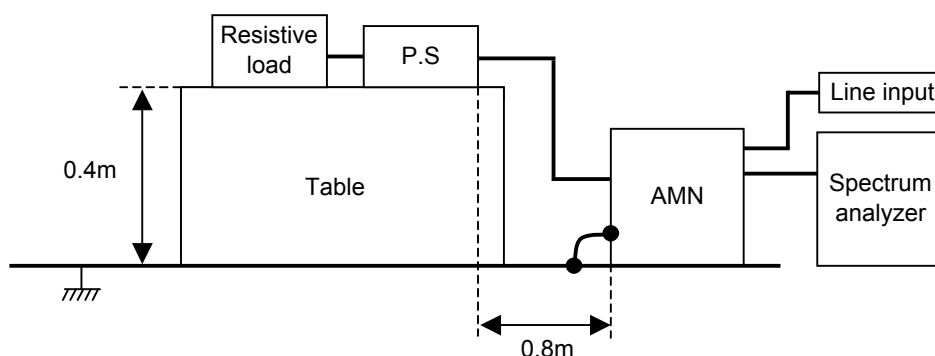
C4: 10 μ F 100V Electric capacitor
- L1: 1 μ H 2.4A Inductor

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

