

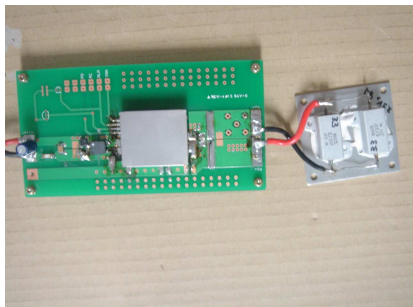
DATA SHEET							Date	10-Aug-06																																														
Model	SFCS302415						Temp.	25degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	S.Shiina																																														
LINE CONDUCTION																																																						
Model Name		SFCS302415			Temp.		25degreeC																																															
Model No.					Humi.		45%																																															
Serial No.					Date		2006/8/10 15:46																																															
Points		3			Test Equip.		R3132,ESPC																																															
Detector		PEAK/QP/Ave.			Load Line		100mm																																															
Line Mode		VA/VB			Comment		Vin = 24V , Iout = 2A																																															
Power Supply		DC 24V																																																				
Limit1:		[CISPR Pub11] Class A Gr.1(QP)																																																				
Limit2:		[CISPR Pub11] Class A Gr.1(Ave.)																																																				
							Testing circuitry 2																																															
<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>18.1317</td><td>40</td><td>40</td><td>10.2</td><td>50.2</td><td>50.2</td><td>VA</td><td>60</td><td>73</td><td>9.8</td><td>22.8</td></tr><tr><td>0.4891</td><td>42.5</td><td>42</td><td>9.9</td><td>52.4</td><td>51.9</td><td>VB</td><td>66</td><td>79</td><td>13.6</td><td>27.1</td></tr><tr><td>0.9803</td><td>31.6</td><td>31</td><td>9.9</td><td>41.5</td><td>40.9</td><td>VB</td><td>60</td><td>73</td><td>18.5</td><td>32.1</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]	18.1317	40	40	10.2	50.2	50.2	VA	60	73	9.8	22.8	0.4891	42.5	42	9.9	52.4	51.9	VB	66	79	13.6	27.1	0.9803	31.6	31	9.9	41.5	40.9	VB	60	73	18.5	32.1
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		SFCS302415			Temp.		25degreeC																																															
Model No.					Humi.		45%																																															
Serial No.					Date		2006/8/10 15:57																																															
Points		2			Test Equip.		R3132,ESPC																																															
Detector		PEAK/QP			Load Line		100mm																																															
Polarization		Vertical			Comment		Vin = 24V , Iout = 2A																																															
Power Supply		DC 24V																																																				
Limit:		[CISPR 11] Class A Group 1<3m>																																																				
							Testing circuitry 2																																															
<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>66.604</td><td>59.5</td><td>BL</td><td>5</td><td>-32</td><td>32.5</td><td>316</td><td>111</td><td>Vert.</td><td>50</td><td>17.5</td></tr><tr><td>123.855</td><td>53.8</td><td>BL</td><td>11</td><td>-31.7</td><td>33.1</td><td>287</td><td>155</td><td>Vert.</td><td>50</td><td>16.9</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]	66.604	59.5	BL	5	-32	32.5	316	111	Vert.	50	17.5	123.855	53.8	BL	11	-31.7	33.1	287	155	Vert.	50	16.9											
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	10-Aug-06
Model	SFCS302415	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

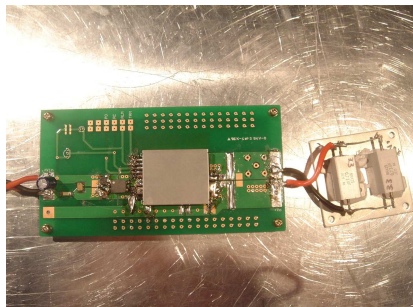
1.Conditions

(1)Photographs of Test Set-Up

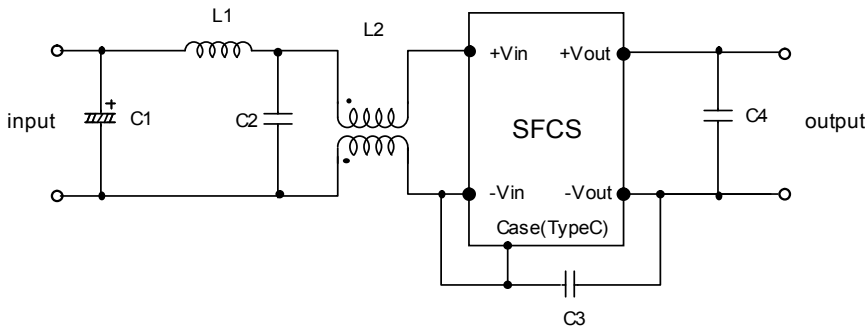
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



- C1 : 68µF 63V Electric capacitor

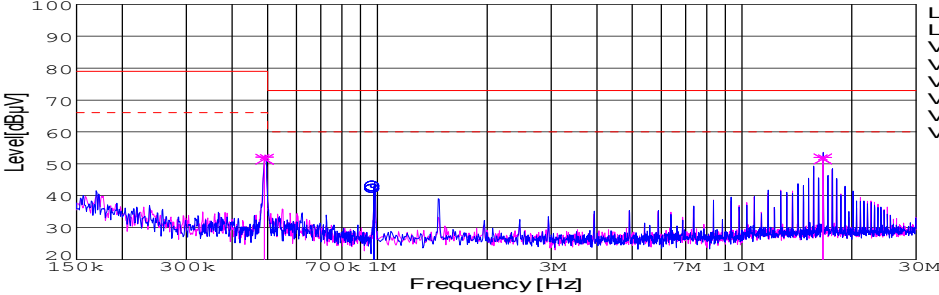
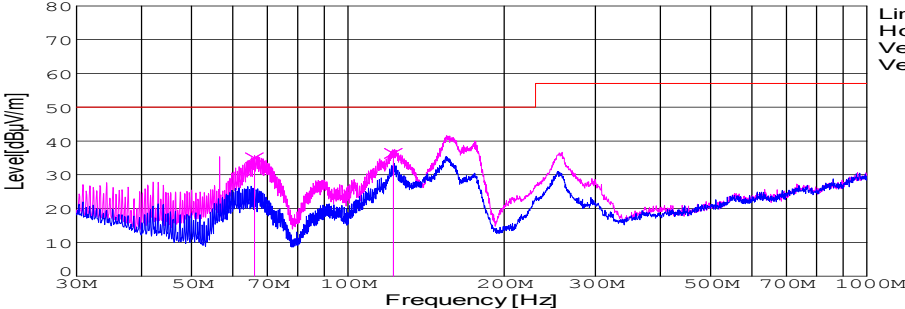
C2 : 1µF 100V Ceramic capacitor

C3 : 2200pF 630V Ceramic capacitor

C4 : 0.1µF 50V Ceramic capacitor
- L1 : 1µH 2.4A Inductor

L2 : ZJYS51R5-2P : TDK

Fig. Testing circuitry2

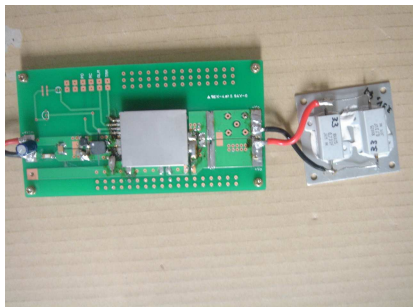
DATA SHEET							Date	11-Aug-06																																														
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Model Name		SFCS302415			Temp.		25degreeC																																															
Model No.					Humi.		45%																																															
Serial No.					Date		2006/8/11 16:50																																															
Points		3			Test Equip.		R3132,ESPC																																															
Detector		PEAK/QP/Ave.			Load Line		100mm																																															
Line Mode		VA/VB			Comment																																																	
Power Supply		DV24V																																																				
Limit1:		[CISPR Pub11] Class A Gr.1(QP)																																																				
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Model Name		SFCS302415			Temp.		25degreeC																																															
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Detector		PEAK/QP			Load Line		100mm																																															
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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-Aug-06
Model	SFCS302415	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

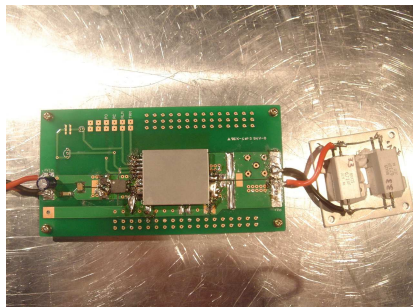
1.Conditions

(1)Photographs of Test Set-Up

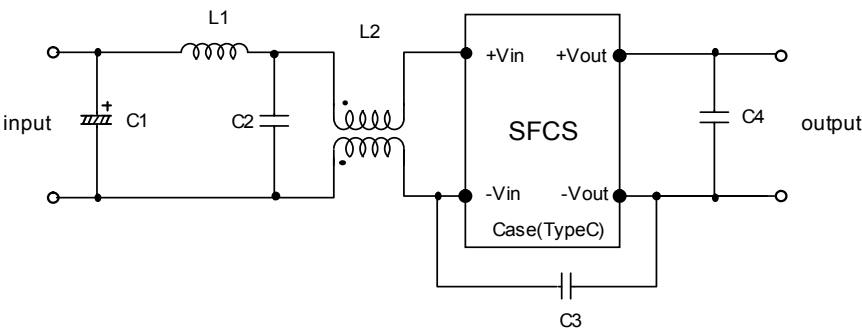
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



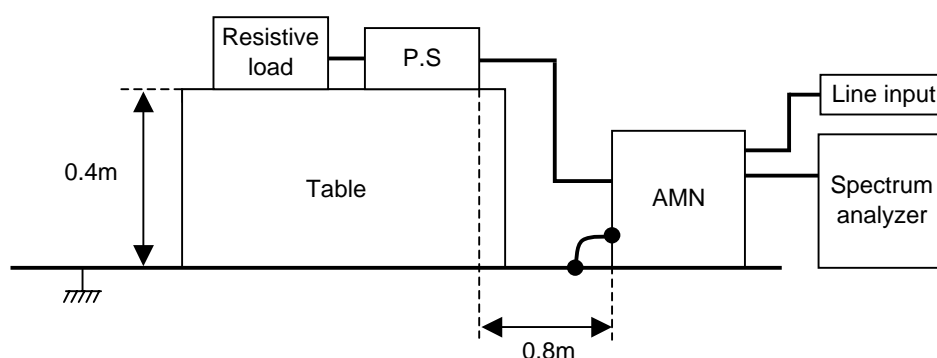
C1 : 68 μ F 63V Electric capacitor
C2 : 1 μ F 100V Ceramic capacitor
C3 : 2200pF 630V Ceramic capacitor
C4 : 0.1 μ F 50V Ceramic capacitor

L1 : 1 μ H 2.4A Inductor
L2 L2 : ZJYS51R5-2P : TDK

Fig. Testing circuitry1

DATA SHEET		Date	10-Aug-06
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

1. Line conduction



2. Radiated emission

