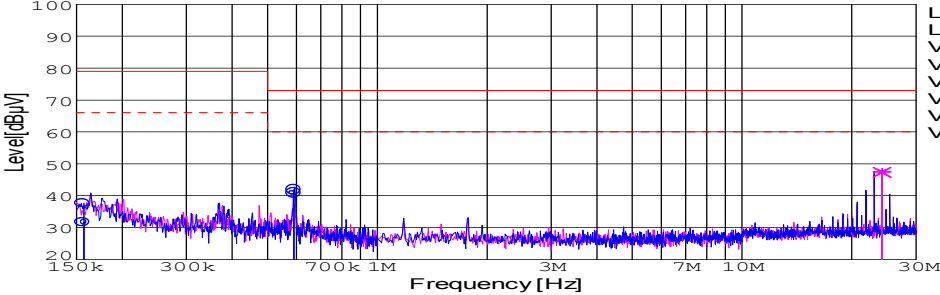
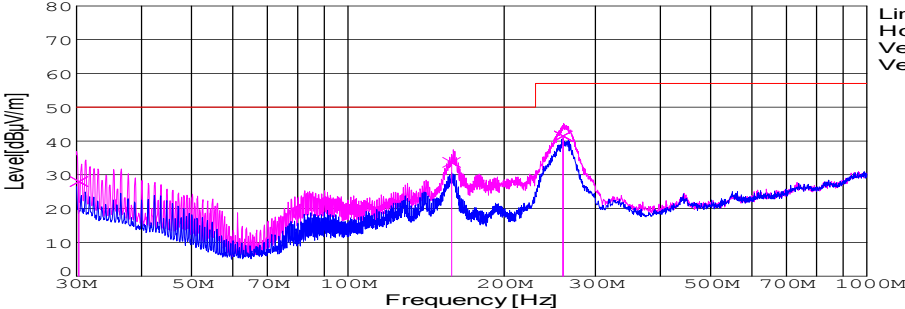


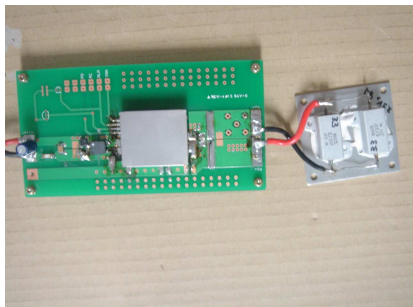
DATA SHEET							Date	07-Sep-06																																														
Model	SFCS15483R3						Temp.	25degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	S.Shiina																																														
LINE CONDUCTION																																																						
Model Name		SFCS15483R3			Temp.		25degreeC																																															
Model No.					Humi.		45%																																															
Serial No.					Date		2006/9/7 20:53																																															
Points		3			Test Equip.		R3132,ESPC																																															
Detector		PEAK/QP/Ave.			Load Line		100mm																																															
Line Mode		VA/VB			Comment																																																	
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.)		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>0.157</td><td>21.9</td><td>27.9</td><td>9.8</td><td>31.7</td><td>37.7</td><td>VA</td><td>66</td><td>79</td><td>34.3</td><td>41.3</td></tr><tr><td>0.5909</td><td>30.9</td><td>31.9</td><td>9.9</td><td>40.8</td><td>41.8</td><td>VA</td><td>60</td><td>73</td><td>19.2</td><td>31.2</td></tr><tr><td>24.1778</td><td>37.2</td><td>37</td><td>10.3</td><td>47.5</td><td>47.3</td><td>VB</td><td>60</td><td>73</td><td>12.5</td><td>25.7</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]	0.157	21.9	27.9	9.8	31.7	37.7	VA	66	79	34.3	41.3	0.5909	30.9	31.9	9.9	40.8	41.8	VA	60	73	19.2	31.2	24.1778	37.2	37	10.3	47.5	47.3	VB	60	73	12.5	25.7
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		SFCS15483R3			Temp.		25degreeC																																															
Model No.					Humi.		45%																																															
Serial No.					Date		2006/9/7 21:07																																															
Points		3			Test Equip.		R3132,ESPC																																															
Detector		PEAK/QP			Load Line		100mm																																															
Polarization		Vertical			Comment																																																	
Power Supply		DC 48V																																																				
Limit:		[CISPR 11] Class A Group 1<3m>																																																				
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Vertical(QP)		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>30.311</td><td>42.2</td><td>BL</td><td>18.1</td><td>-32.3</td><td>28</td><td>55</td><td>152</td><td>Vert.</td><td>50</td><td>22</td></tr><tr><td>158.431</td><td>55.1</td><td>BL</td><td>10</td><td>-31.5</td><td>33.6</td><td>137</td><td>103</td><td>Vert.</td><td>50</td><td>16.4</td></tr><tr><td>259.83</td><td>58.9</td><td>BL</td><td>13.7</td><td>-31.1</td><td>41.5</td><td>74</td><td>105</td><td>Vert.</td><td>57</td><td>15.5</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]	30.311	42.2	BL	18.1	-32.3	28	55	152	Vert.	50	22	158.431	55.1	BL	10	-31.5	33.6	137	103	Vert.	50	16.4	259.83	58.9	BL	13.7	-31.1	41.5	74	105	Vert.	57	15.5
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	07-Sep-06
Model	SFCS15483R3	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

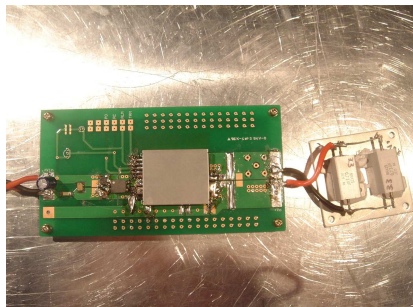
1.Conditions

(1)Photographs of Test Set-Up

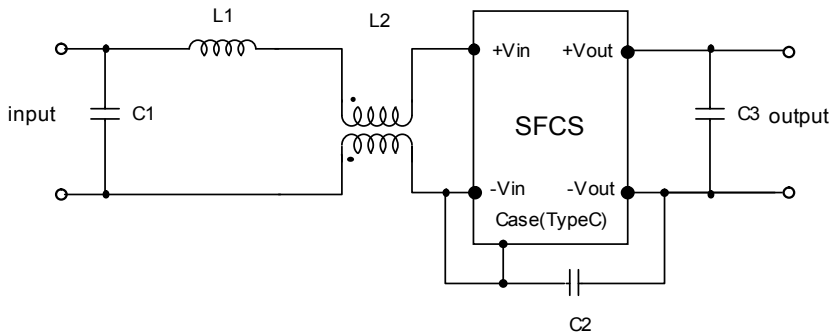
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



C1: 1 μ F 100V Ceramic capacitor
C2: 1000pF 630V Ceramic capacitor
C3 : 22 μ F 16V Ceramic capacitor

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

Fig. Testing circuitry2

DATA SHEET

Date 07-Sep-06

Model SFCS15483R3

Temp. 25degreeC

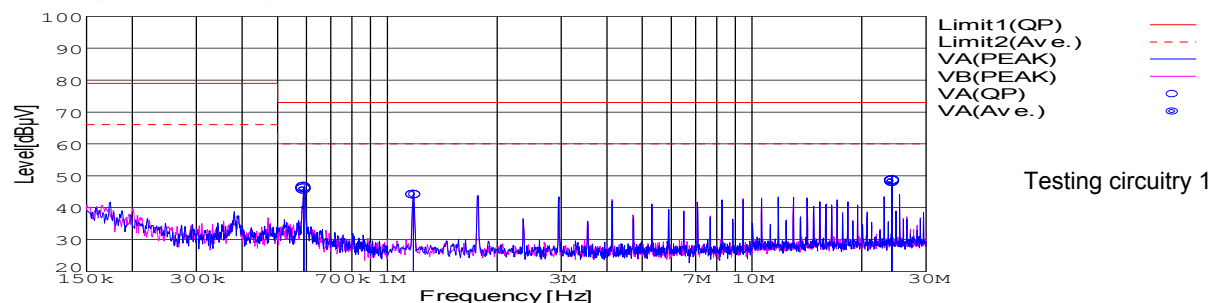
Test EMI
Line conduction & Radiated emission

Humid. 45 %RH

Tested by S.Shiina

LINE CONDUCTION

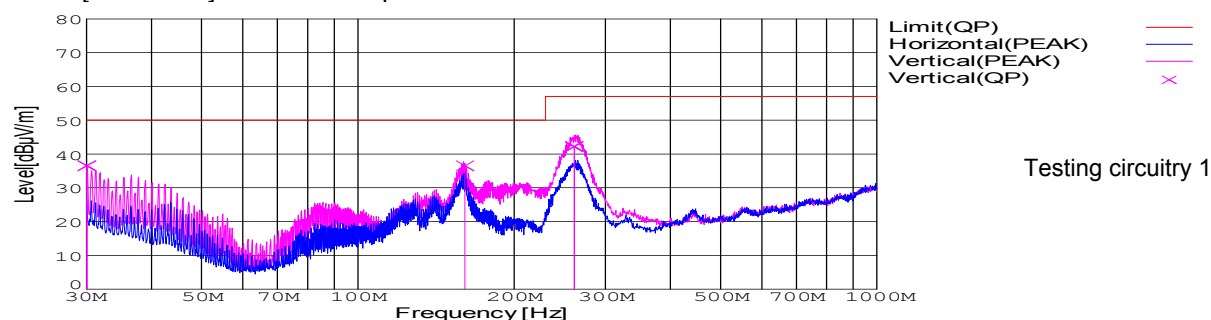
Model Name : SFCS15483R3 Temp. : 25degreeC
Model No. : Humi. : 45%
Serial No. : Date : 2006/9/7 21:23
Points : 3 Test Equip. : R3132,ESPC
Detector : PEAK/QP/Ave. Load Line : 100mm
Line Mode : VA
Power Supply : DC 48V
Limit1: [CISPR Pub11] Class A Gr.1(QP)
Limit2: [CISPR Pub11] Class A Gr.1(Ave.)



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]
0.5901	36	36.3	9.9	45.9	46.2	VA	60	73	14.1	26.8
1.1794	34.1	34.1	9.9	44	44	VA	60	73	16	29
24.182	38	38.1	10.3	48.3	48.4	VA	60	73	11.7	24.6

RADIATED EMISSION

Model Name : SFCS15483R3 Temp. : 25degreeC
Model No. : Humi. : 45%
Serial No. : Date : 2006/9/8 10:07
Points : 3 Test Equip. : R3132,ESPC
Detector : PEAK/QP Load Line : 100mm
Polarization : Vertical
Power Supply : DC 48V
Limit: [CISPR 11] Class A Group 1<3m>



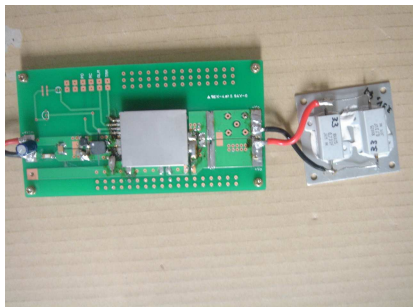
Frequency [MHz]	MeterReading (QP) [dBuV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBuV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
30.051	50.6	BL	18.2	-32.3	36.5	62	100	Vert.	50	13.5
160.88	58.2	BL	9.8	-31.5	36.5	2	142	Vert.	50	13.5
261.103	59.7	BL	13.6	-31.1	42.2	113	147	Vert.	57	14.8

DATA SHEET		Date	07-Sep-06
Model	SFCS15483R3	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

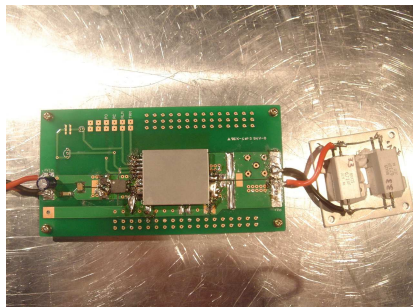
1.Conditions

(1)Photographs of Test Set-Up

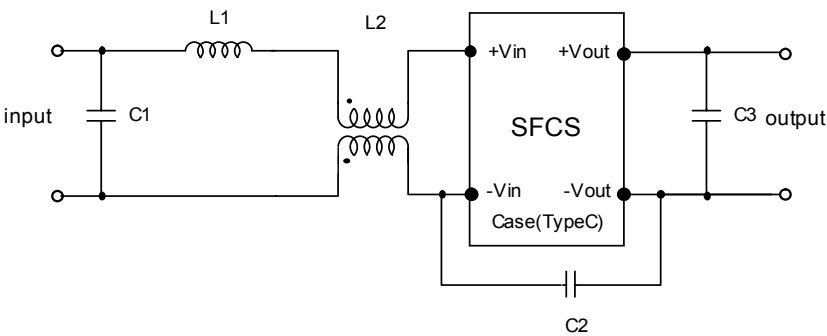
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



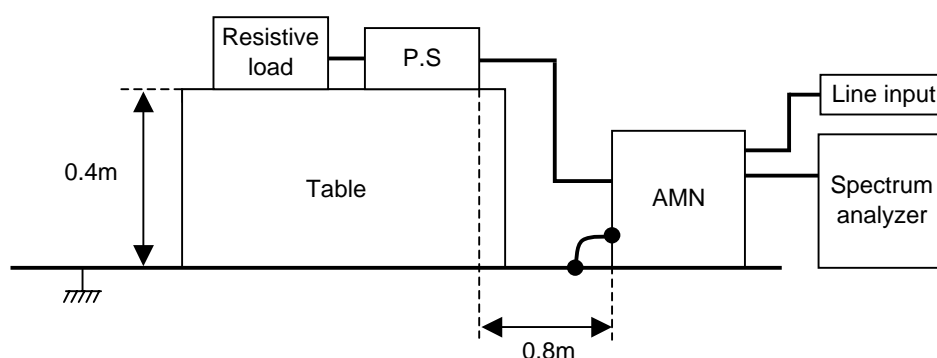
C1 : 1 μ F 100V Ceramic capacitor
C2 : 1000pF 630V Ceramic capacitor
C3 : 22 μ F 16V Ceramic capacitor

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

Fig. Testing circuitry1

DATA SHEET		Date	07-Sep-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

