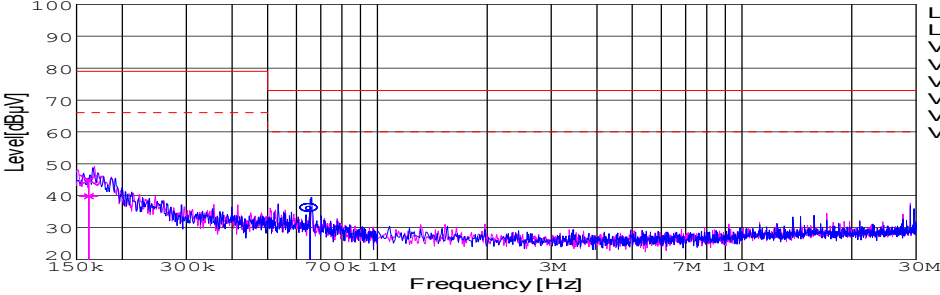
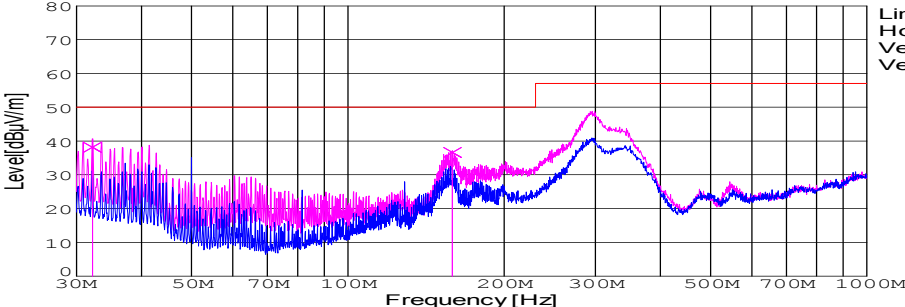


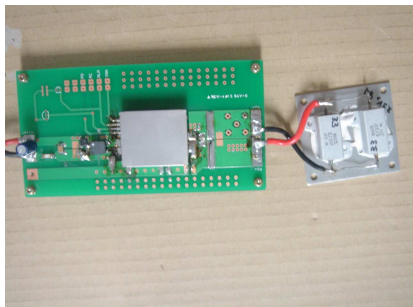
DATA SHEET							Date	09-Jun-06																																			
Model	SFCS15243R3						Temp.	25degreeC																																			
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																			
							Tested by	S.Shiina																																			
LINE CONDUCTION																																											
Model Name		SFCS15243R3			Temp.		25degreeC																																				
Model No.					Humi.		45%																																				
Serial No.					Date		2006/6/9 18:27																																				
Points		2			Test Equip.		R3132,ESPC																																				
Detector		PEAK/QP/Ave.			Load Line		100mm																																				
Line Mode		VA/VB			Comment																																						
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.)		×																																		
							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>0.6547</td><td>26</td><td>26.3</td><td>9.9</td><td>35.9</td><td>36.2</td><td>VA</td><td>60</td><td>73</td><td>24.1</td><td>36.8</td></tr><tr><td>0.1619</td><td>30</td><td>35.1</td><td>9.8</td><td>39.8</td><td>44.9</td><td>VB</td><td>66</td><td>79</td><td>26.2</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]	0.6547	26	26.3	9.9	35.9	36.2	VA	60	73	24.1	36.8	0.1619	30	35.1	9.8	39.8	44.9	VB	66	79	26.2	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]																																	
0.6547	26	26.3	9.9	35.9	36.2	VA	60	73	24.1	36.8																																	
0.1619	30	35.1	9.8	39.8	44.9	VB	66	79	26.2	34.1																																	
RADIATED EMISSION																																											
Model Name		SFCS15243R3			Temp.		25degreeC																																				
Model No.					Humi.		45%																																				
Serial No.					Date		2006/6/9 19:05																																				
Points		2			Test Equip.		R3132,ESPC																																				
Detector		PEAK/QP			Load Line		100mm																																				
Polarization		Vertical			Comment																																						
Power Supply		DC 24V																																									
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 &amp; 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>32.203</td><td>53.3</td><td>BL</td><td>17.1</td><td>-32.2</td><td>38.2</td><td>56</td><td>101</td><td>Vert.</td><td>50</td><td>11.8</td></tr><tr><td>158.978</td><td>58.1</td><td>BL</td><td>10</td><td>-31.5</td><td>36.6</td><td>111</td><td>159</td><td>Vert.</td><td>50</td><td>13.4</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]	32.203	53.3	BL	17.1	-32.2	38.2	56	101	Vert.	50	11.8	158.978	58.1	BL	10	-31.5	36.6	111	159	Vert.	50	13.4
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]																																	
32.203	53.3	BL	17.1	-32.2	38.2	56	101	Vert.	50	11.8																																	
158.978	58.1	BL	10	-31.5	36.6	111	159	Vert.	50	13.4																																	

DATA SHEET		Date	09-Jun-06
Model	SFCS15243R3	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

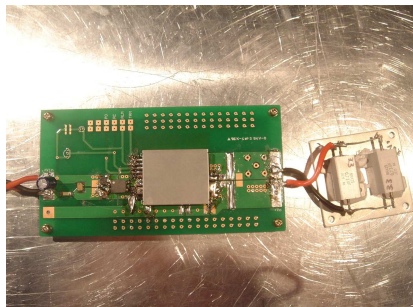
1.Conditions

(1)Photographs of Test Set-Up

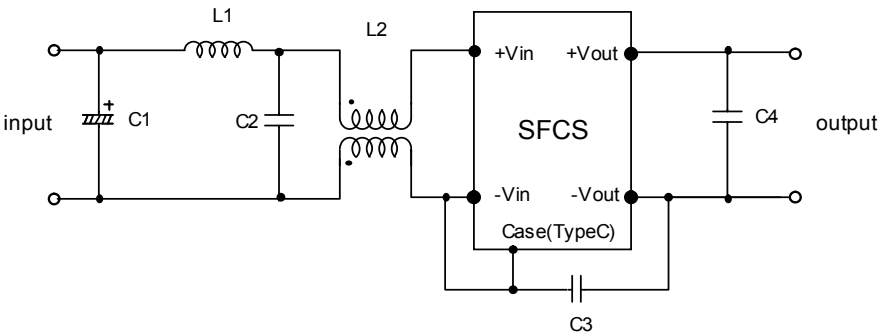
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



- C1 : 47 $\mu$ F 50V Electric capacitor

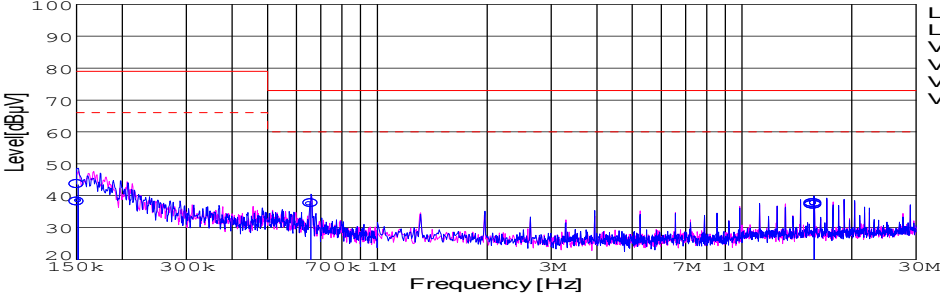
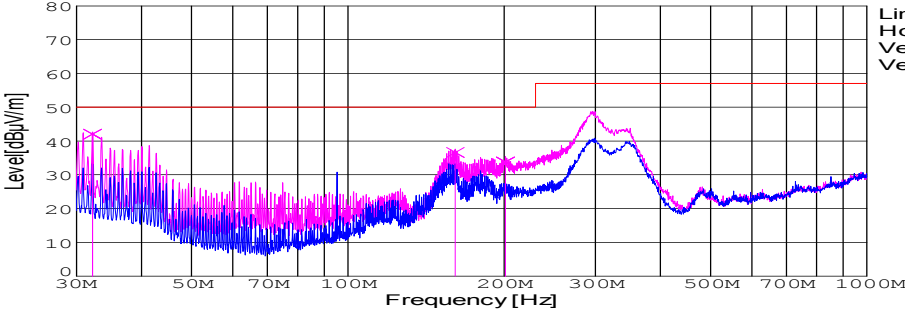
C2 : 1 $\mu$ F 100V Ceramic capacitor

C3 : 1000pF 630V Ceramic capacitor

C4 : 22 $\mu$ F 16V Ceramic capacitor
- L1 : 1 $\mu$ H 2.4A Inductor

L2 : ZJYS51R5-2P : TDK

Fig. Testing circuitry2

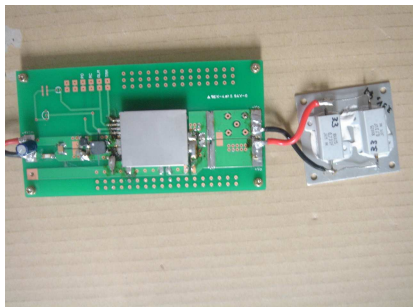
DATA SHEET							Date	09-Jun-06		
Model	SFCS15243R3						Temp.	25degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	S.Shiina		
LINE CONDUCTION										
Model Name		SFCS15243R3			Temp.		25degreeC			
Model No.					Humi.		45%			
Serial No.					Date		2006/6/9 18:20			
Points		3			Test Equip.		R3132,ESPC			
Detector		PEAK/QP/Ave.			Load Line		100mm			
Line Mode		VA			Comment					
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.)		Testing circuitry 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]
0.1515	28.4	33.6	9.8	38.2	43.4	VA	66	79	27.8	35.6
0.6572	27.6	27.6	9.9	37.5	37.5	VA	60	73	22.5	35.5
15.7669	27.4	27	10.2	37.6	37.2	VA	60	73	22.4	35.8
RADIATED EMISSION										
Model Name		SFCS15243R3			Temp.		25degreeC			
Model No.					Humi.		45%			
Serial No.					Date		2006/6/9 19:28			
Points		3			Test Equip.		R3132,ESPC			
Detector		PEAK/QP			Load Line		100mm			
Polarization		Vertical			Comment					
Power Supply		DC 24V								
Limit:		[CISPR 11] Class A Group 1<3m>								
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Vertical(QP)		Testing circuitry 1	
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]
32.228	57.1	BL	17.1	-32.2	42	68	100	Vert.	50	8
161.084	58.3	BL	9.8	-31.5	36.6	123	154	Vert.	50	13.4
201.141	56.6	BL	8.5	-31.3	33.8	154	132	Vert.	50	16.2

DATA SHEET		Date	09-Jun-06
Model	SFCS15243R3	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

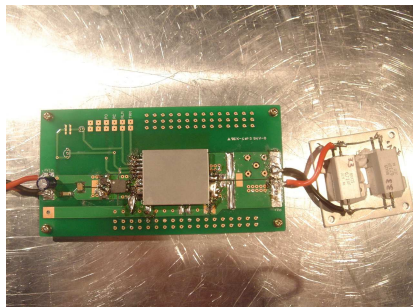
1.Conditions

(1)Photographs of Test Set-Up

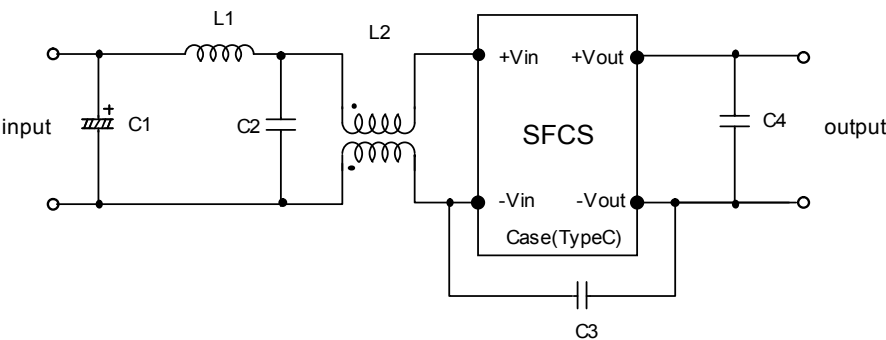
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



- C1 : 47 $\mu$ F 50V Electric capacitor

C2 : 1 $\mu$ F 100V Ceramic capacitor

C3 : 1000pF 630V Ceramic capacitor

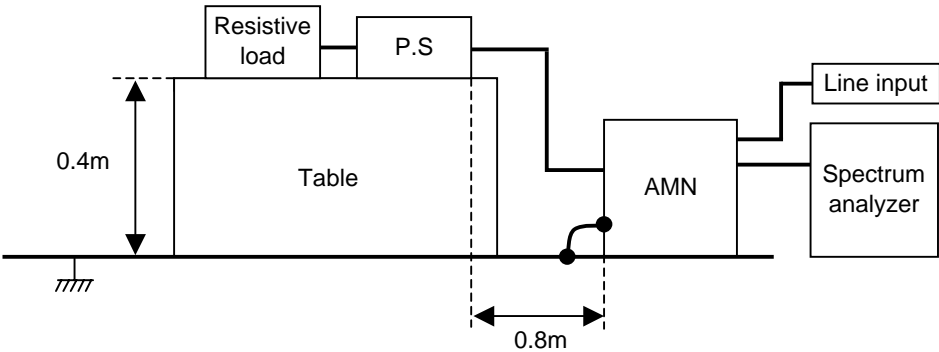
C4 : 22 $\mu$ F 16V Ceramic capacitor
- L1 : 1 $\mu$ H 2.4A Inductor

L2 : ZJYS51R5-2P : TDK

Fig. Testing circuitry1

DATA SHEET		Date	09-Jun-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

