

DATA SHEET							Date	12-Oct-07		
Model	SFS15242R5						Temp.	25 degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	Y.Miyawaki		
LINE CONDUCTION										
Model Name			SFS15242R5		Temp.		25degreeC			
Model No.					Humi.		45%			
Serial No.					Date		2007/10/12 12:53			
Points			3		Test Equip.		R3132,ESPC			
Detector			PEAK/QP/Ave.		Load Line		100mm			
Line Mode			VA/VB		Comment		Vo = 2.5V , Io = 4.5A			
Power Supply			DC 24V							
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]
0.7207	25.3	26.1	9.9	35.2	36	VA	60	73	24.8	37
18.7326	34.9	34.7	10.2	45.1	44.9	VA	60	73	14.9	28.1
0.1514	34.3	39.3	9.8	44.1	49.1	VB	66	79	21.9	29.9
RADIATED EMISSION										
Model Name			SFS15482R5		Temp.		25degreeC			
Model No.					Humi.		45%			
Serial No.					Date		2007/10/12 13:03			
Points			3		Test Equip.		R3132,ESPC			
Detector			PEAK/QP		Load Line		100mm			
Polarization			Vertical		Comment		Vo = 2.5V , Io = 4.5A			
Power Supply			DC 24V							
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]
123.562	50	BL	11	-31.7	29.3	1	155	Vert.	50	20.7
206.595	58	BL	8.6	-31.3	35.3	249	127	Vert.	50	14.7
252.086	61.5	BL	12.7	-31.1	43.1	214	129	Vert.	57	13.9

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1.Conditions

(1)Photograph of Test Set-Up

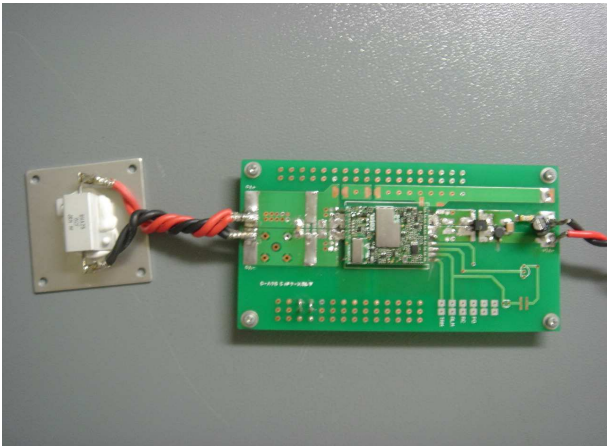
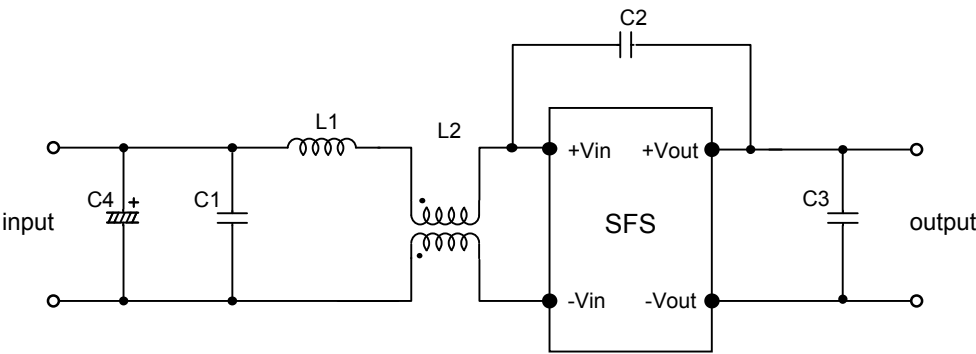


Fig1. Photograph of Test Set-Up

(2)Testing circuitry



- C1: 1 μ F 100V Ceramic capacitor

C2: 2200pF 630V Ceramic capacitor

C3: 22 μ F 16V Ceramic capacitor

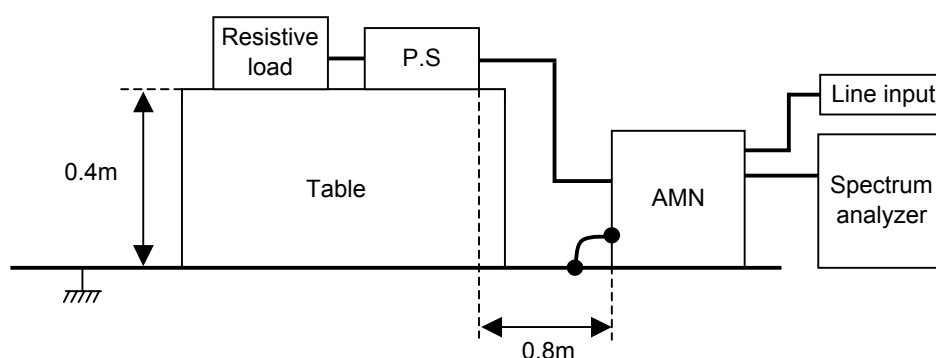
C4: 33 μ F 100V Electric capacitor
- L1: 1 μ H 2.4A Inductor

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
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1. Line conduction



2. Radiated emission

