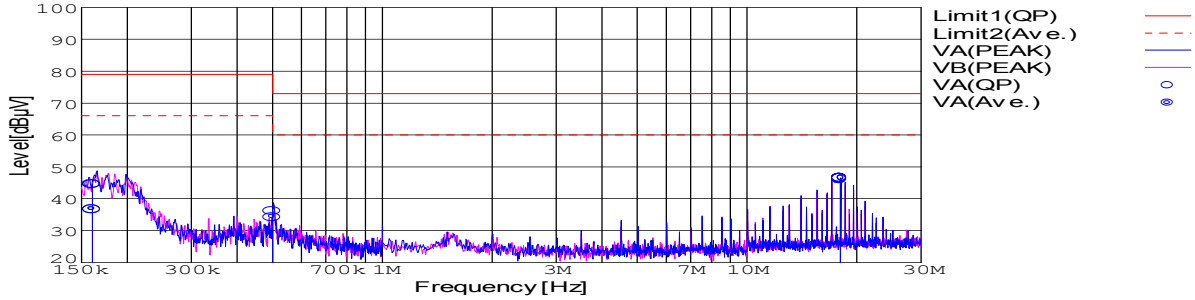


DATA SHEET		Date	09-Oct-07
Model	SFS30241R8	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

LINE CONDUCTION

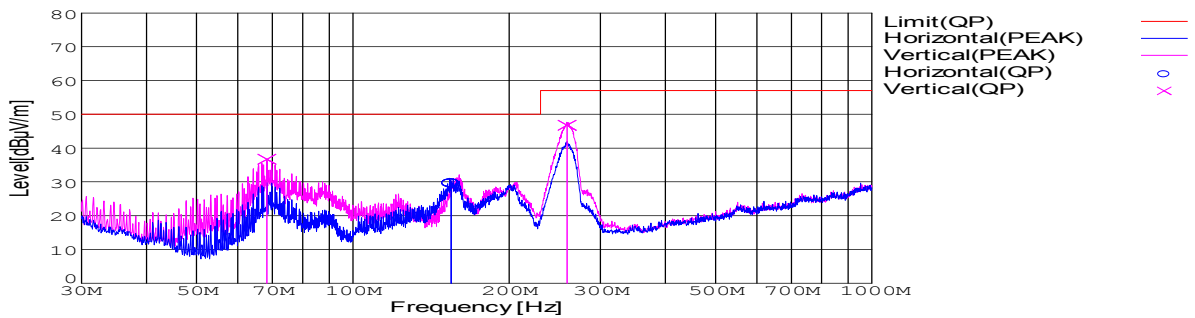
Model Name : SFS30241R8 Temp. : 25degreeC
 Model No. : Humi. : 45%
 Serial No. : Date : 2007/10/9 17:13
 Points : 3 Test Equip. : R3132,ESPC
 Detector : PEAK/QP/Ave. Load Line : 100mm
 Line Mode : VA Comment : Vo = 1.8V , Io = 9.0A
 Power Supply : DC 24V
 Limit1: [CISPR Pub11] Class A Gr.1(QP)
 Limit2: [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]
0.1607	26.9	34.7	9.8	36.7	44.5	VA	66	79	29.3	34.5
0.5002	24.4	26.1	9.9	34.3	36	VA	60	73	25.7	37
18.0219	36.3	36.1	10.2	46.5	46.3	VA	60	73	13.5	26.7

RADIATED EMISSION

Model Name : SFS30241R8 Temp. : 25degreeC
 Model No. : Humi. : 45%
 Serial No. : Date : 2007/10/9 16:55
 Points : 3 Test Equip. : R3132,ESPC
 Detector : PEAK/QP Load Line : 100mm
 Polarization : Hori. & Vert. Comment : Vo = 1.8V , Io = 9.0A
 Power Supply : DC 24V
 Limit: [CISPR 11] Class A Group 1<3m>



Frequency [MHz]	Meter Reading (QP) [dBuV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBuV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
154.672	50.7	BL	10.3	-31.5	29.5	70	153	Hori.	50	20.5
68.304	63.5	BL	5.2	-32	36.7	295	114	Vert.	50	13.3
258.636	64.4	BL	13.5	-31.1	46.8	230	116	Vert.	57	10.2

DATA SHEET		Date	09-Oct-07
Model	SFS30241R8	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1. Conditions

(1) Photograph of Test Set-Up

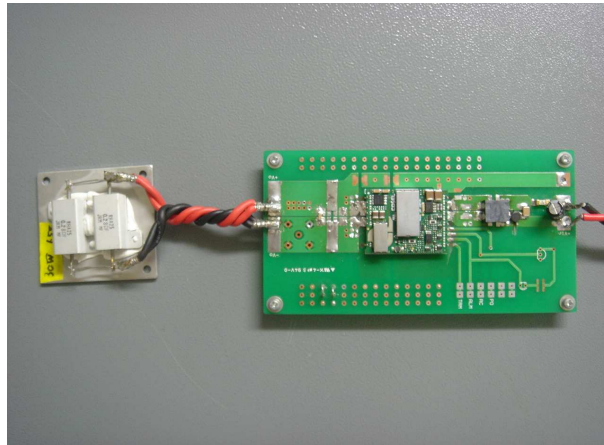
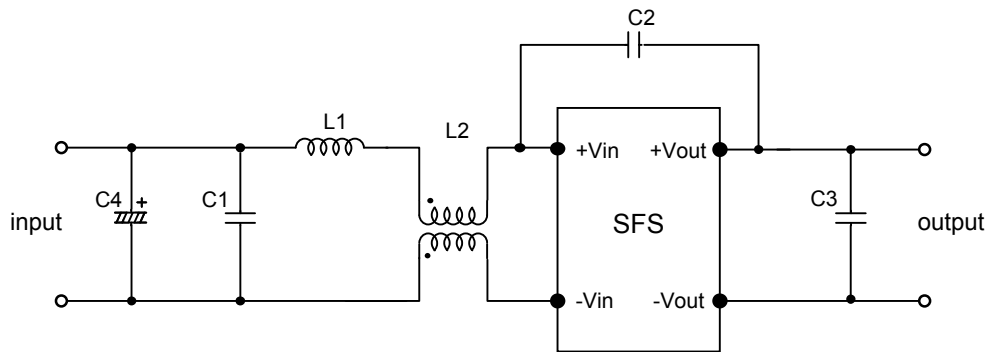


Fig1. Photograph of Test Set-Up

(2) Testing circuitry

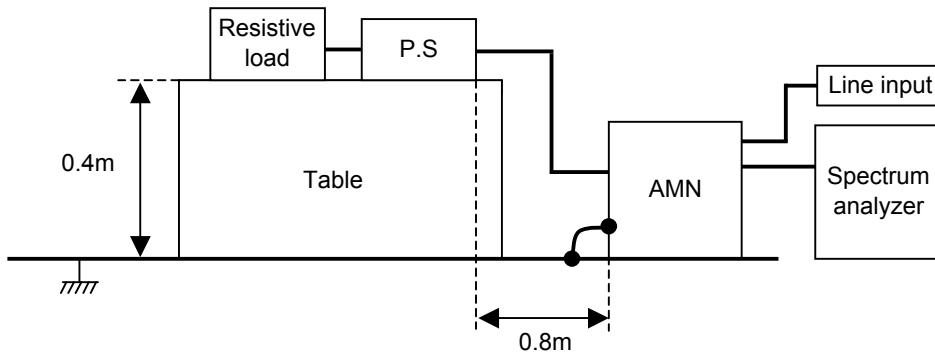


- C1: 1 μ F 100V Ceramic capacitor
- C2: 2200pF 630V Ceramic capacitor
- C3: 22 μ F 16V Ceramic capacitor
- C4: 68 μ F 80V Electric capacitor
- L1: 1 μ H 2.4A Inductor
- L2: ACM1211-102-2PL : TDK

Fig2. Testing circuitry

DATA SHEET		Date	09-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

