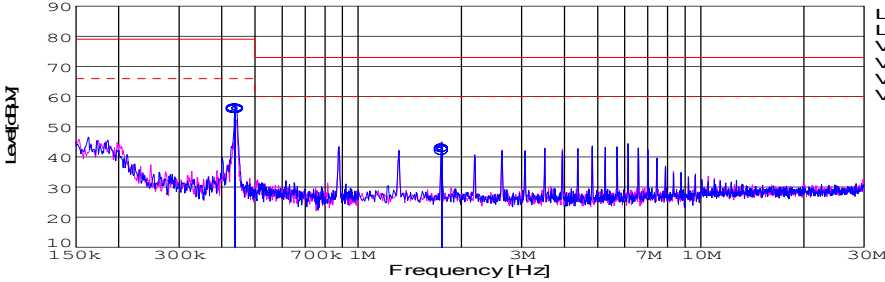
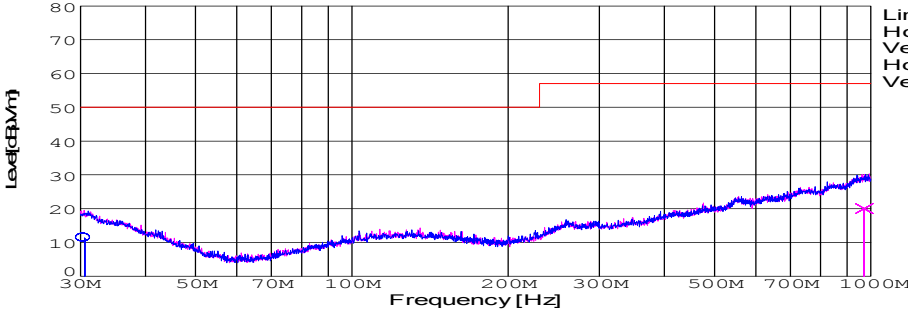


DATA SHEET							Date	17-May-05		
Model	SUCS1R54812						Temp.	25degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	T.Ohara		
LINE CONDUCTION										
Model Name		SUCS1R54812			Temp.		25degreeC			
Model No.		-			Humi.		45%			
Serial No.		-			Date		2004/10/14 20:25			
Points		2			Test Equip.		R3132,ESPC			
Detector		PEAK/QP/Ave.			Load Line		10mm			
Line Mode		VA			Comment		-			
Power Supply		DC 48V								
Limit1: [EN 55022]		Class A(QP)								
Limit2: [EN 55022]		Class A(Ave.)								
							Limit1(QP)		—	
							Limit2(Ave.)		- - -	
							VA(PEAK)		—	
							VB(PEAK)		—	
							VA(QP)		○	
							VA(Ave.)		○	
							Vin : DC48V			
							Iout : 0.13A			
Frequency [MHz]	Meter Reading (Ave.) [dBμV]	Meter Reading (QP) [dBμV]	Factor [dB]	Level(Ave.) [dBμV]	Level(QP) [dBμV]	Line	Limit(Ave.) [dBμV]	Limit(QP) [dBμV]	Margin(Ave.) [dB]	Margin(QP) [dB]
0.4379	46.2	45.6	9.9	56.1	55.5	VA	66	79	9.9	23.5
1.7537	32.9	32.2	9.9	42.8	42.1	VA	60	73	17.2	30.9
RADIATED EMISSION										
Model Name		SUCS1R54812			Temp.		25degreeC			
Model No.		-			Humi.		45%			
Serial No.		-			Date		2005/5/11 10:32			
Points		2			Test Equip.		R3132,ESPC			
Detector		PEAK/QP			Load Line		10mm			
Polarization		Hori. & Vert.			Comment		-			
Power Supply		DC 48V								
Limit: [EN 55022]		Class A<3m>								
							Limit(QP)		—	
							Horizontal(PEAK)		—	
							Vertical(PEAK)		—	
							Horizontal(QP)		○	
							Vertical(QP)		×	
							Vin : DC48V			
							Iout : 0.13A			
Frequency [MHz]	Meter Reading (QP) [dBμV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBμV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBμV/m]	Margin [dB]
30.58	25.7	BL	17.9	-32.3	11.3	210	128	Hori.	50	38.7
970.426	24	BL	25.3	-29.3	20	324	123	Vert.	57	37

COSEL

Conditions

Test : EMI
Model Name : SUCS/SUCW 1R548

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

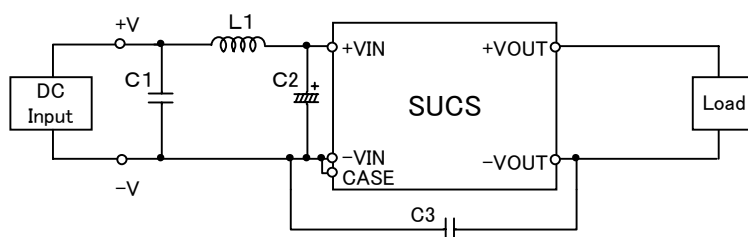


Fig.1 Testing circuitry 1

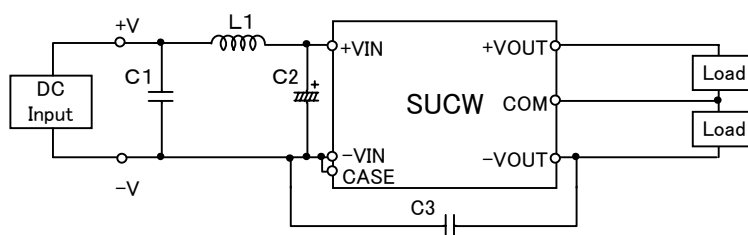


Fig.2 Testing circuitry 2

L1 :	10 μ H	GLF2518T100K	(TDK)
C1 :	100V 0.47 μ F	C3216JB2A474K	(TDK)
C2 :	100V 10 μ F	UPW2A100M	(NICHICON)
C3 :	1000V 470pF	GRM31BR33A471K	(MURATA)