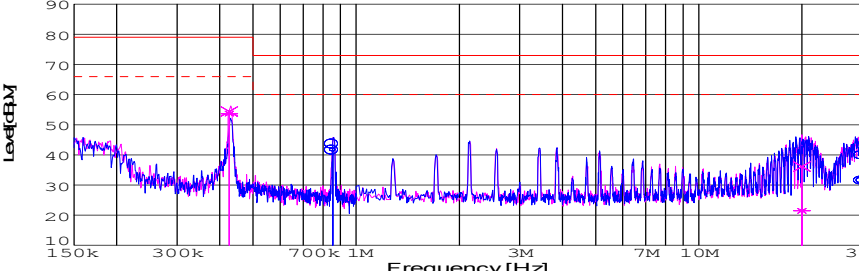
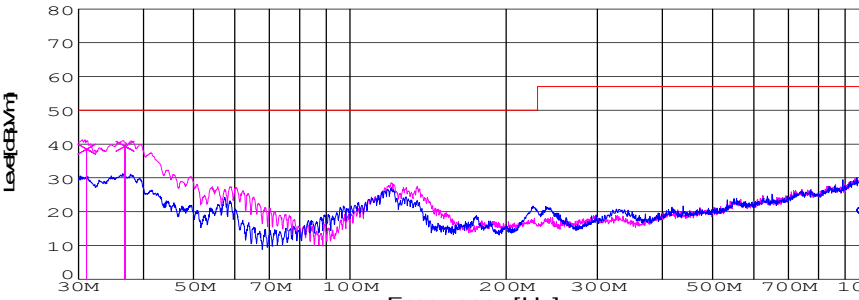


DATA SHEET							Date	17-May-05														
Model	SUCS1R50512						Temp.	25degreeC														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH														
							Tested by	T.Ohara														
LINE CONDUCTION																						
Model Name : SUCS1R50512			Temp. : 25degreeC																			
Model No. : -			Humi. : 45%																			
Serial No. : -			Date : 2004/10/7 11:02																			
Points : 4			Test Equip. : R3132,ESPC																			
Detector : PEAK/QP/Ave.			Load Line : 10mm																			
Line Mode : VA/VB			Comment : -																			
Power Supply : DC 5V																						
Limit1: [EN 55022] Class A(QP)																						
Limit2: [EN 55022] Class A(Ave.)																						
							Limit1(QP)		Limit2(Ave.)		VA(PEAK)		VB(PEAK)		VA(QP)		VA(Ave.)		VB(QP)		VB(Ave.)	
							Vin : DC5V															
							Iout : 0.13A															
TABLE 1: Line Conduction Data																						
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]												
0.8541	31.6	33.6	9.9	41.5	43.5	VA	60	73	18.5	29.5												
29.7023	21	29.2	10.5	31.5	39.7	VA	60	73	28.5	33.3												
0.426	43.8	44.5	9.9	53.7	54.4	VB	66	79	12.3	24.6												
RADIATED EMISSION																						
Model Name : SUCS1R50512			Temp. : 25degreeC																			
Model No. : -			Humi. : 45%																			
Serial No. : -			Date : 2005/5/10 16:08																			
Points : 3			Test Equip. : R3132,ESPC																			
Detector : PEAK/QP			Load Line : 10mm																			
Polarization : Hori. & Vert.			Comment : -																			
Power Supply : -																						
Limit: [EN 55022] Class A<3m>																						
							Limit(QP)		Horizontal(PEAK)		Vertical(PEAK)		Horizontal(QP)		Vertical(QP)							
							Vin : DC5V															
							Iout : 0.13A															
TABLE 2: Radiated Emission Data																						
Frequency [MHz]	MeterReading (QP) [dBμV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBμV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBμV/m]	Margin [dB]												
983.37	24.2	BL	25.3	-29.3	20.2	295	135	Hori.	57	36.8												
31.119	53.1	BL	17.7	-32.3	38.5	174	102	Vert.	50	11.5												
36.87	56.9	BL	14.7	-32.2	39.4	177	102	Vert.	50	10.6												

COSEL

Conditions

Test : EMI
Model Name : SUCS/SUCW 1R505

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

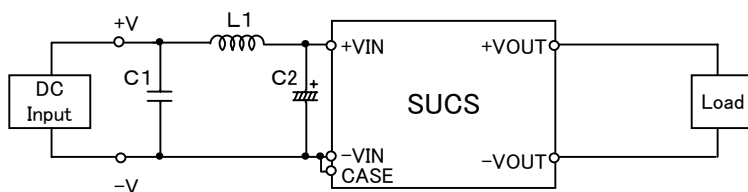


Fig.1 Testing circuitry 1

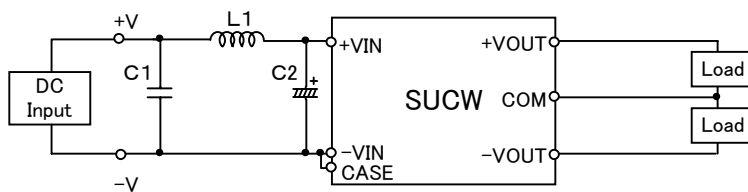


Fig.2 Testing circuitry 2

L1 :	2.2 μ H	GLF2518T2R2M	(TDK)
C1 :	16V 1 μ F	C2012JB1C105K	(TDK)
C2 :	16V 100 μ F	UPW1C101M	(NICHICON)