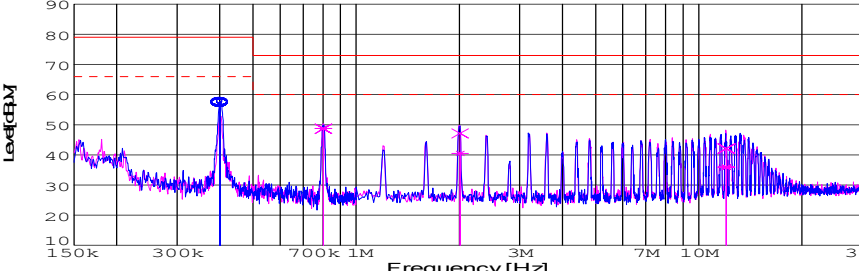
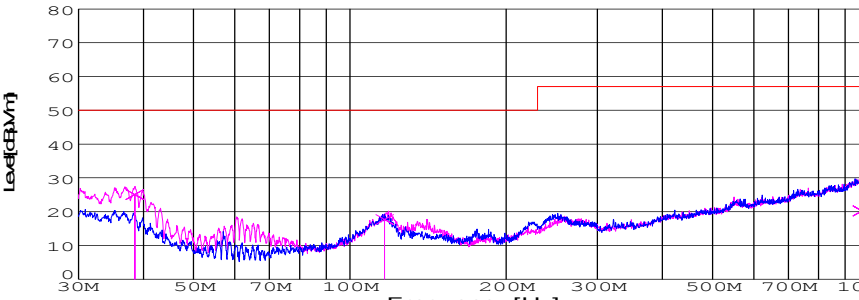


DATA SHEET							Date	17-May-05														
Model	SUCW1R50515						Temp.	25degreeC														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH														
							Tested by	T.Ohara														
LINE CONDUCTION																						
Model Name : SUCW1R50515			Temp. : 25degreeC																			
Model No. : -			Humi. : 45%																			
Serial No. : -			Date : 2004/10/7 11:26																			
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) : 79		Limit2(Ave.) : 66		VA(PEAK) : 57.6		VB(PEAK) : 48.8		VA(QP) : 57.1		VB(QP) : 48.7		VA(Ave.) : 40.5		VB(Ave.) : 37.3	
Vin : DC5V																						
Iout : 0.05A																						
TABLE 1: Line Conduction Data																						
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]												
0.4005	47.7	47.2	9.9	57.6	57.1	VA	66	79	8.4	21.9												
0.8014	38.9	38.8	9.9	48.8	48.7	VB	60	73	11.2	24.3												
2.0121	30.6	37.3	9.9	40.5	47.2	VB	60	73	19.5	25.8												
12.0451	25.8	32	10.1	35.9	42.1	VB	60	73	24.1	30.9												
RADIATED EMISSION																						
Model Name : SUCW1R50515			Temp. : 25degreeC																			
Model No. : -			Humi. : 45%																			
Serial No. : -			Date : 2005/5/10 14:15																			
Points : 3			Test Equip. : R3132,ESPC																			
Detector : PEAK/QP			Load Line : 10mm																			
Polarization : Vertical			Comment : -																			
Power Supply : DC 5V																						
Limit: [EN 55022] Class A<3m>																						
							Limit(QP) : 50		Horizontal(PEAK) : 25.1		Vertical(PEAK) : 17.7		Vertical(QP) : 20.2									
Vin : DC5V																						
Iout : 0.05A																						
TABLE 2: Radiated Emission Data																						
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]												
38.505	43.5	BL	13.8	-32.2	25.1	170	104	Vert.	50	24.9												
116.663	38.5	BL	10.9	-31.7	17.7	11	156	Vert.	50	32.3												
969.631	24.2	BL	25.3	-29.3	20.2	10	104	Vert.	57	36.8												

# COSEL

## Conditions

Test : EMI  
Model Name : SUCS/SUCW 1R505

○Photographs of Test Set-Up

### LINE CONDUCTION



### RADIATED EMISSION



○Testing circuitry

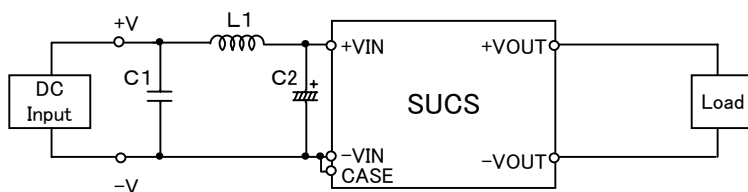


Fig.1 Testing circuitry 1

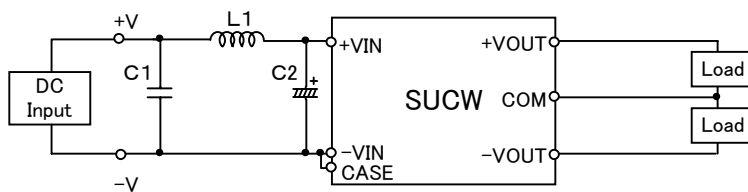


Fig.2 Testing circuitry 2

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