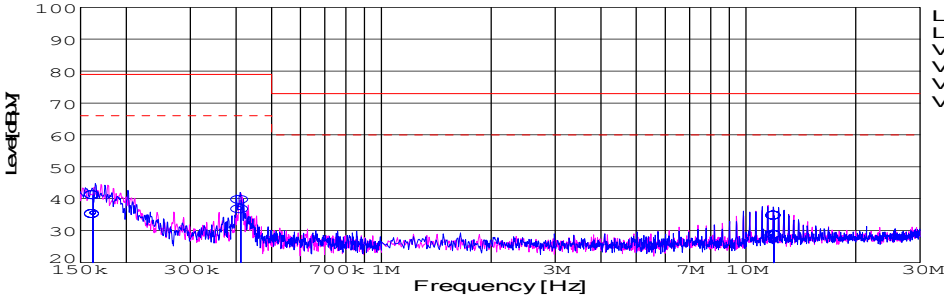
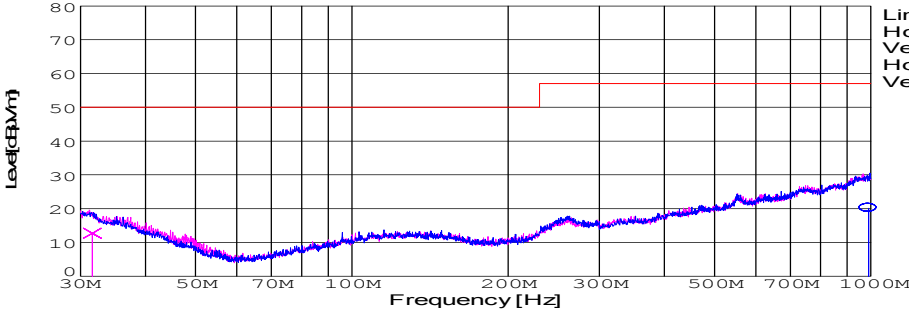


DATA SHEET							Date	13-May-05		
Model	SUCS31205						Temp.	25 degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	T.Ohara		
LINE CONDUCTION										
Model Name : SUCS31205			Temp. : 25							
Model No. :			Humi. : 45							
Serial No. :			Date : 2005/5/13 10:40							
Points : 3			Test Equip. : R3132,ESPC							
Detector : PEAK/QP/Ave.			Load Line : 10mm							
Line Mode : VA			Comment : T.Ohara							
Power Supply : DC 12V										
Limit1: [EN 55022] Class A(QP)										
Limit2: [EN 55022] Class A(Ave.)										
							Limit1(QP) Limit2(Ave.) VA(PEAK) VB(PEAK) VA(QP) VA(Ave.)			
							DC 12V 5V0.6A			
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]
0.1623	25.4	31.3	9.8	35.2	41.1	VA	66	79	30.8	37.9
0.4124	26.9	29.6	9.9	36.8	39.5	VA	66	79	29.2	39.5
11.8984	18.5	24.7	10.1	28.6	34.8	VA	60	73	31.4	38.2
RADIATED EMISSION										
Model Name : SUCS31205			Temp. : 25							
Model No. :			Humi. : 45							
Serial No. :			Date : 2005/5/13 10:53							
Points : 2			Test Equip. : R3132,ESPC							
Detector : PEAK/QP			Load Line : 10mm							
Polarization : Hori. & Vert.			Comment :							
Power Supply : DC 12V										
Limit: [EN 55022] Class A<3m>										
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP)			
							DC 12V 5V0.6A			
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]
989.841	24	BL	25.4	-29.3	20.1	138	160	Hori.	57	36.9
31.611	27.5	BL	17.4	-32.2	12.7	236	111	Vert.	50	37.3

# COSEL

## Conditions

Test : EMI  
Model Name : SUCS/SUCW 312

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

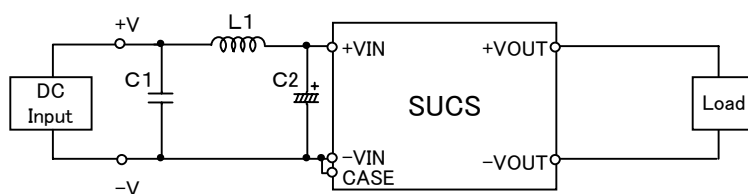


Fig.1 Testing circuitry 1

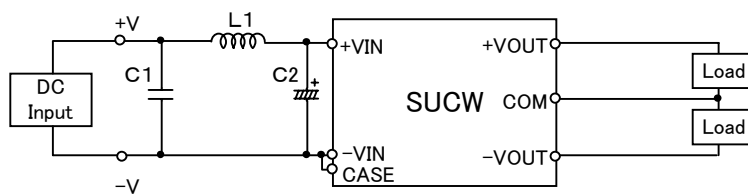


Fig.2 Testing circuitry 2

L1 :	4.7 $\mu$ H	CY3H-4R7	(KORIN ELECTRONICS)
C1 :	25V 1 $\mu$ F	C2012JB1E105K	(TDK)
C2 :	25V 100 $\mu$ F	UPW1E101M	(NICHICON)