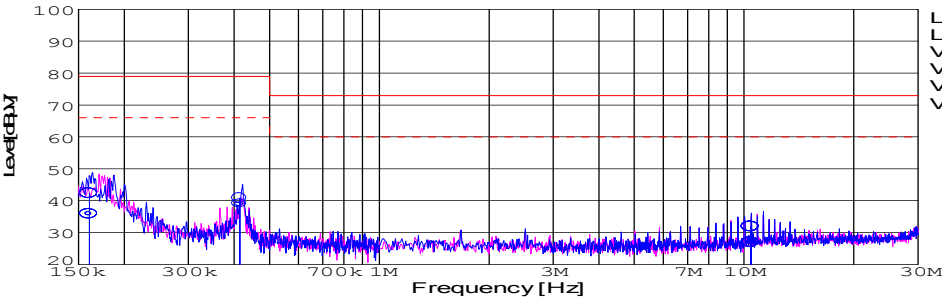
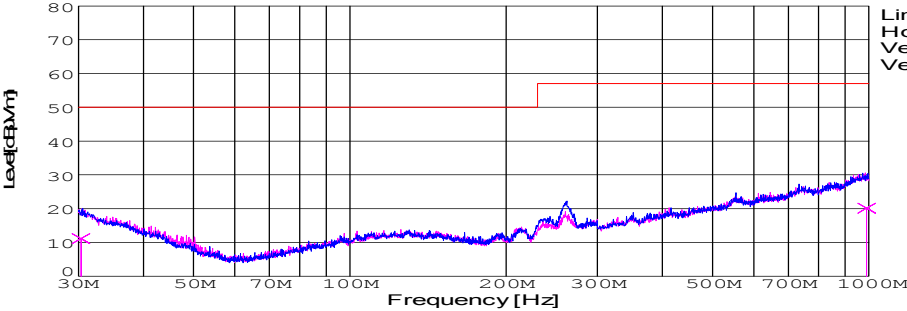


DATA SHEET							Date	13-May-05		
Model	SUS31212						Temp.	25 degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	T.Ohara		
LINE CONDUCTION										
Model Name : SUS31212			Temp. : 25							
Model No. :			Humi. : 45							
Serial No. :			Date : 2005/5/13 13:11							
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 12V0.25A			
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]
0.1604	26.1	32.6	9.8	35.9	42.4	VA	66	79	30.1	36.6
0.4148	29	30.9	9.9	38.9	40.8	VA	66	79	27.1	38.2
10.45	16.9	21.8	10.1	27	31.9	VA	60	73	33	41.1
RADIATED EMISSION										
Model Name : SUS31212			Temp. : 25							
Model No. :			Humi. : 45							
Serial No. :			Date : 2005/5/13 13:55							
Points : 2			Test Equip. : R3132,ESPC							
Detector : PEAK/QP			Load Line : 10mm							
Polarization : Vertical			Comment :							
Power Supply : DC 12V										
Limit: [EN 55022] Class A<3m>										
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Vertical(QP)			
							DC 12V 12V0.25A			
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]
990.227	24.1	BL	25.4	-29.3	20.2	145	120	Vert.	57	36.8
30.343	25.5	BL	18	-32.3	11.2	139	100	Vert.	50	38.8

COSEL

Conditions

Test : EMI
Model Name : SUS/SUW 312

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

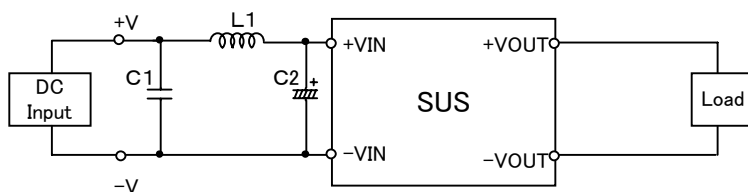


Fig.1 Testing circuitry 1

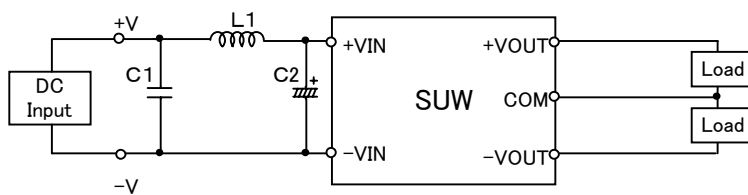


Fig.2 Testing circuitry 2

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