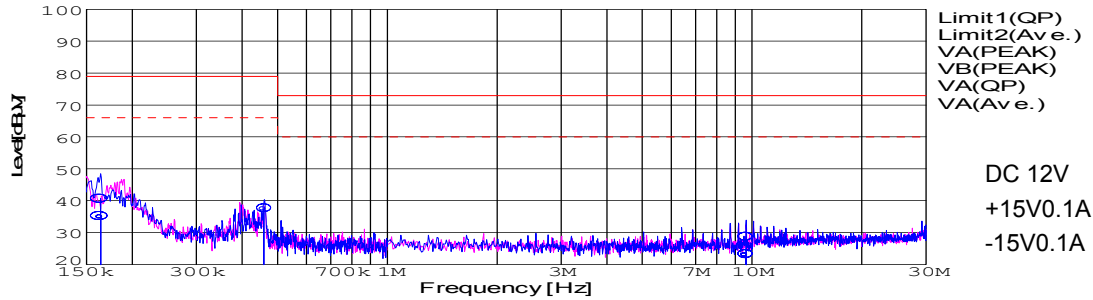


DATA SHEET		Date	13-May-05
Model	SUCW31215	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	T.Ohara

LINE CONDUCTION

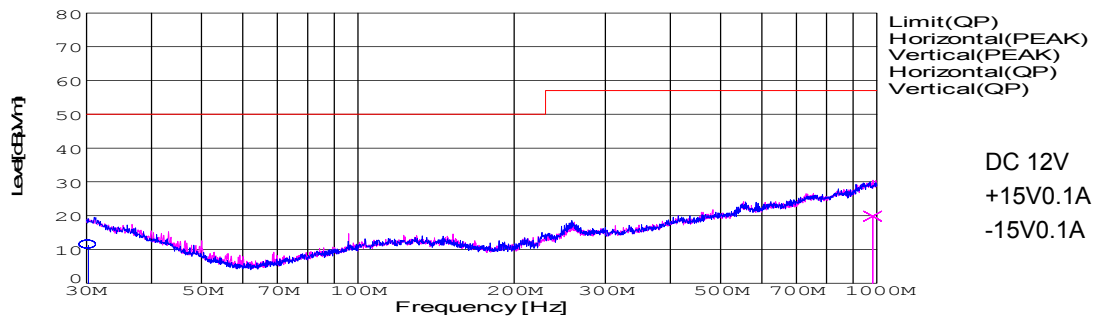
Model Name : SUCW31215 Temp. : 25
 Model No. : Humi. : 45
 Serial No. : Date : 2005/5/13 14:16
 Points : 3 Test Equip. : R3132,ESPC
 Detector : PEAK/QP/Ave. Load Line : 10mm
 Line Mode : VA Comment : T.Ohara
 Power Supply : DC 12V
 Limit1: [EN 55022] Class A(QP)
 Limit2: [EN 55022] Class A(Ave.)



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]
0.1636	25.3	30.9	9.8	35.1	40.7	VA	66	79	30.9	38.3
0.4592	27.6	27.6	9.9	37.5	37.5	VA	66	79	28.5	41.5
9.6276	13	18.7	10.1	23.1	28.8	VA	60	73	36.9	44.2

RADIATED EMISSION

Model Name : SUCW31215 Temp. : 25
 Model No. : Humi. : 45
 Serial No. : Date : 2005/5/13 14:33
 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>



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]
30.269	25.4	BL	18.1	-32.3	11.2	160	102	Hori.	50	38.8
981.199	23.9	BL	25.2	-29.3	19.8	70	110	Vert.	57	37.2



Conditions

Test : EMI
 Model Name : SUCS/SUCW 312

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

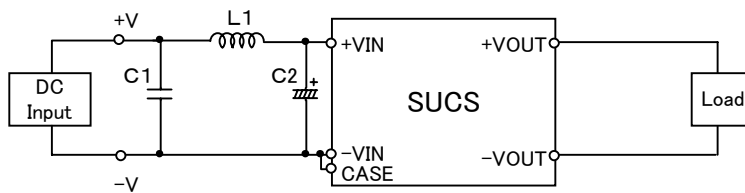


Fig.1 Testing circuitry 1

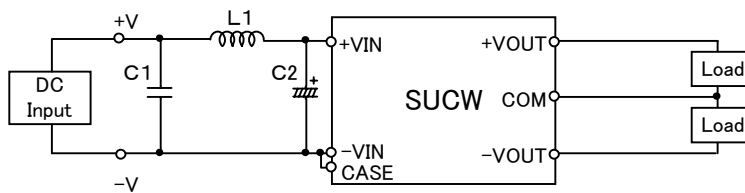


Fig.2 Testing circuitry 2

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