参考資料

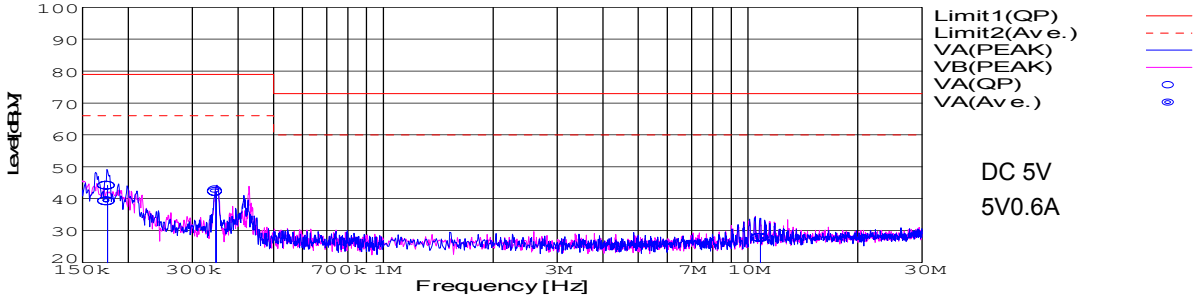
COSEL

DATA SHEET		Date	12-May-05
Model	SUCS30505	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	T.Ohara

LINE CONDUCTION

Model Name : SUCS30505
Model No. :
Serial No. :
Points : 3
Detector : PEAK/QP/Ave.
Line Mode : VA
Power Supply : DC 5V
Limit1: [EN 55022] Class A(QP)
Limit2: [EN 55022] Class A(Ave.)

Temp. : 25
Humi. : 45
Date : 2005/5/12 14:44
Test Equip. : R3132,ESPC
Load Line : 10mm
Comment : -

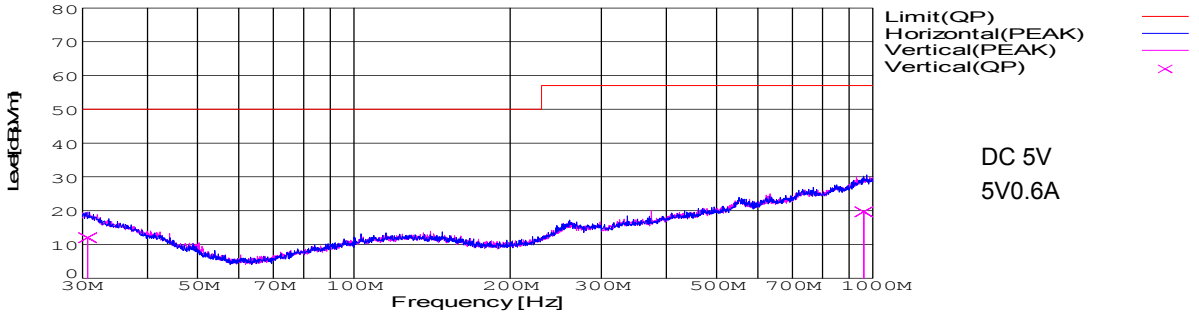


Frequency [MHz]	Meter Reading (Ave.)[dBuV]	Meter Reading (QP)[dBuV]	Factor [dB]	Level(Ave.) [dBuV]	Level(QP) [dBuV]	Line	Limit(Ave.) [dBuV]	Limit(QP) [dBuV]	Margin(Ave.) [dB]	Margin(QP) [dB]
0.1756	29.4	34.3	9.8	39.2	44.1	VA	66	79	26.8	34.9
0.3478	32.5	32.1	9.8	42.3	41.9	VA	66	79	23.7	37.1
10.8209	3.2	17.7	10.1	13.3	27.8	VA	60	73	46.7	45.2

RADIATED EMISSION

Model Name : SUCS30505
Model No. :
Serial No. :
Points : 2
Detector : PEAK/QP
Polarization : Vertical
Power Supply : DC 5V
Limit: [EN 55022] Class A<3m>

Temp. : 25
Humi. : 45
Date : 2005/5/12 14:14
Test Equip. : R3132,ESPC
Load Line : 10mm
Comment :



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]
30.686	26.4	BL	17.9	-32.3	12	13	127	Vert.	50	38
960.596	23.9	BL	25.1	-29.3	19.7	185	126	Vert.	57	37.3

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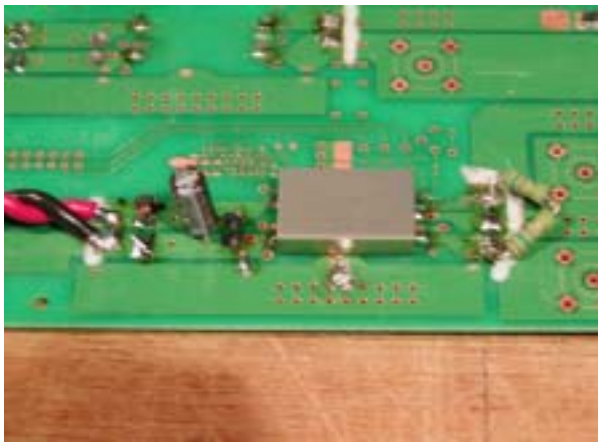
Conditions

Test : EMI
Model Name : SUCS/SUCW 305

○Photographs of Test Set-Up

LINE CONDUCTION

RADIATED EMISSION



○Testing circuitry

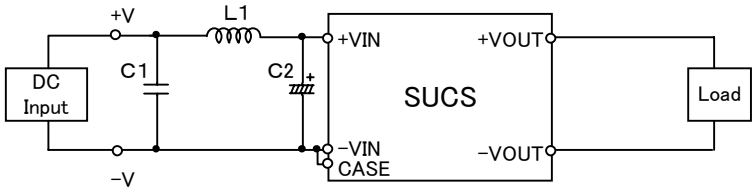


Fig.1 Testing circuitry 1

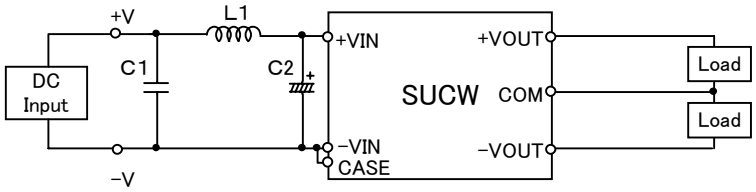


Fig.2 Testing circuitry 2

L1 :	2.2μH		CY3H-2R2	(KORIN ELECTRONICS)
C1 :	16V	1μF	C2012JB1C105K	(TDK)
C2 :	16V	220μF	UPW1C221M	(NICHICON)