

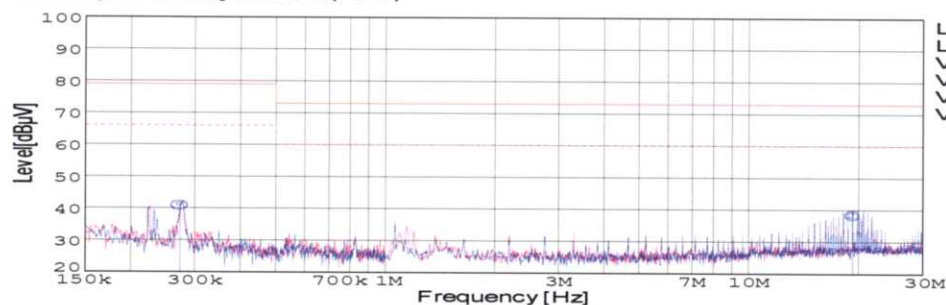
DATA SHEET

Model		SUCW100515	Date	01-Mar-05
Test		EMI Line conduction & Radiated emission	Temp.	25degreeC
			Humid.	45 %RH
			Tested by	C.Makino

LINE CONDUCTION

Model Name : SUCW100515
 Model No. :
 Serial No. :
 Points : 2
 Detector : PEAK/QP/Ave.
 Line Mode : VA
 Power Supply : DC 5V
 Limit1: [EN 55022] Class A(QP)
 Limit2: [EN 55022] Class A(Ave.)

Temp. : 25degreeC
 Humi. : 45%
 Date : 2005/3/1 17:07
 Test Equip. : R3132,ESPC
 Load Line : 50mm
 Comment : C.Makino



Limit1(QP)
 Limit2(Ave.)
 VA(PEAK)
 VB(PEAK)
 VA(QP)
 VA(Ave.)

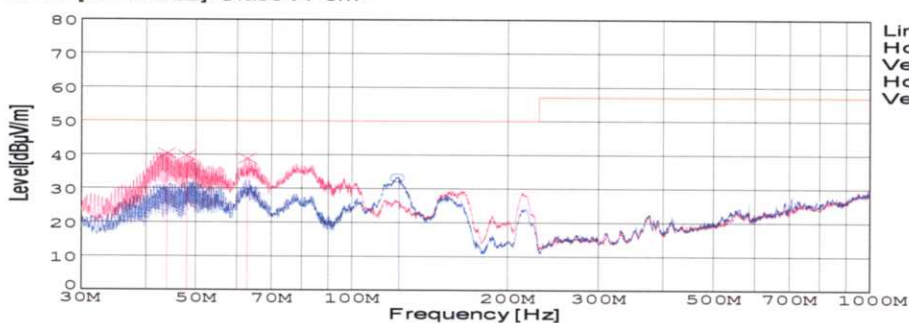
Vin: DC5V
 Iout: 0.35A

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]
0.2733	31.4	31	9.8	41.2	40.8	VA	66	79	24.8	38.2
19.2272	28.2	27.7	10.3	38.5	38	VA	60	73	21.5	35

RADIATED EMISSION

Model Name : SUCW100515
 Model No. :
 Serial No. :
 Points : 4
 Detector : PEAK/QP
 Polarization : Hori. & Vert.
 Power Supply : DC 5V
 Limit: [EN 55022] Class A<3m>

Temp. : 25degreeC
 Humi. : 45%
 Date : 2005/2/22 19:59
 Test Equip. : R3132,ESPC
 Load Line : 50mm
 Comment : C.Makino



Limit(QP)
 Horizontal(PEAK)
 Vertical(PEAK)
 Horizontal(QP)
 Vertical(QP)

Vin: DC5V
 Iout: 0.35A

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]
123.332	54	BL	11	-31.7	33.3	40	142	Hori.	50	16.7
43.954	61.9	BL	10.8	-32.2	40.5	147	100	Vert.	50	9.5
48.083	63.3	BL	8.7	-32.1	39.9	133	101	Vert.	50	10.1
62.907	66.2	BL	4.8	-32	39	119	115	Vert.	50	11

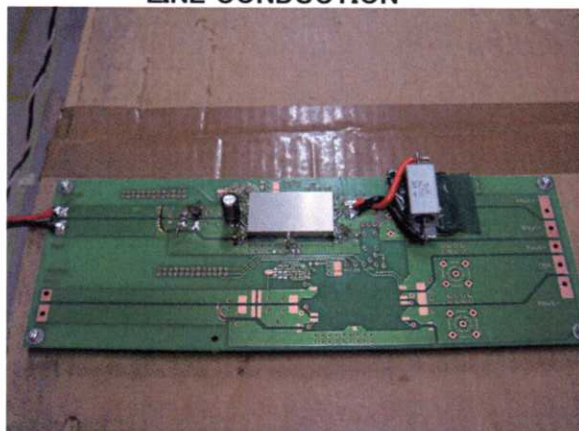
COSEL

Conditions

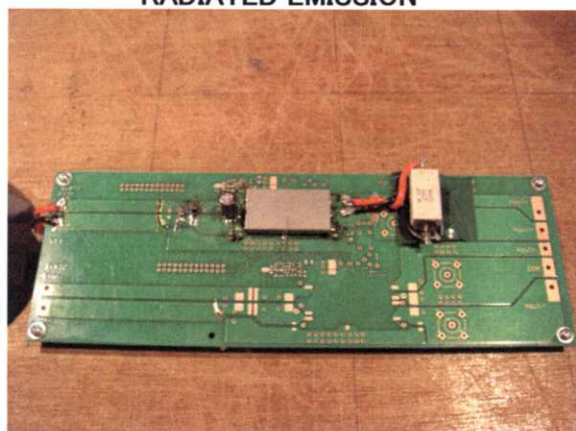
Test : EMI
Model Name : SUCS/SUCW1005

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

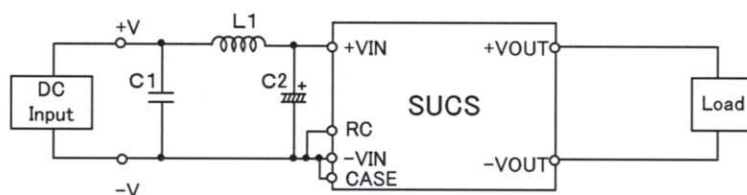


Fig.1 Testing circuitry 1

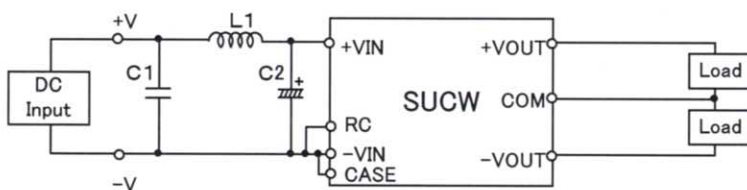


Fig.2 Testing circuitry 2

L1 : 0.5 μ H	CI4-0R5	(KORIN ELECTRONICS)
C1: 25V 22 μ F	GRM32ER71C226K	(MURATA)
C2: 25V 470 μ F	UPM1E471M	(NICHICON)