

DATA SHEET

Model		SUS101205	Date	12-Mar-05
Test		EMI Line conduction & Radiated emission	Temp.	25degreeC
			Humid.	45 %RH
			Tested by	C.Makino

LINE CONDUCTION

Model Name : SUS101205

Model No. :

Serial No. :

Points : 4

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Power Supply : DC 12V

Limit1: [EN 55022] Class A(QP)

Limit2: [EN 55022] Class A(Ave.)

Temp. : 25degreeC

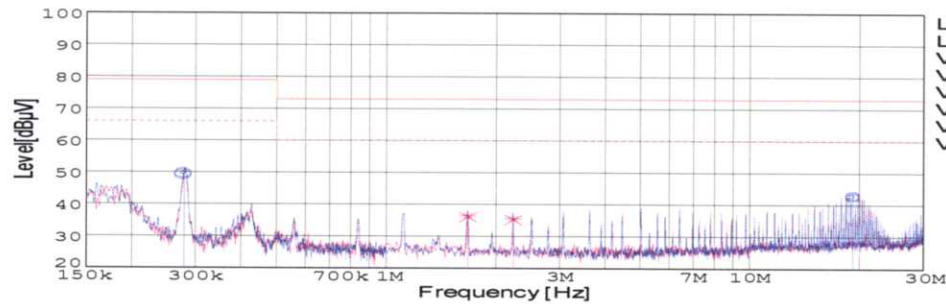
Humi. : 45%

Date : 2005/3/12 16:41

Test Equip. : R3132,ESPC

Load Line : 50mm

Comment : C.Makino



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

Vin: DC12V

Iout: 2A

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]
0.2784	40	39.5	9.8	49.8	49.3	VA	66	79	16.2	29.7
19.2079	32.7	32.3	10.3	43	42.6	VA	60	73	17	30.4
1.6709	26.6	26.2	9.9	36.5	36.1	VB	60	73	23.5	36.9
2.2269	25.7	25.3	9.9	35.6	35.2	VB	60	73	24.4	37.8

RADIATED EMISSION

Model Name : SUS101205

Model No. :

Serial No. :

Points : 2

Detector : PEAK/QP

Polarization : Hori. & Vert.

Power Supply : DC 12V

Limit: [EN 55022] Class A<3m>

Temp. : 25degreeC

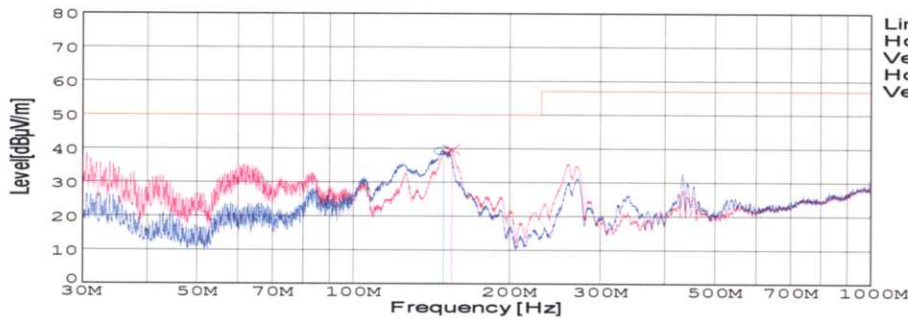
Humi. : 45%

Date : 2005/3/15 15:09

Test Equip. : R3132,ESPC

Load Line : 50mm

Comment : C.Makino



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

Vin: DC12V

Iout: 2A

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]
149.42	60.3	BL	10.6	-31.6	39.3	213	156	Hori.	50	10.7
154.639	61.1	BL	10.3	-31.5	39.9	108	158	Vert.	50	10.1

Conditions

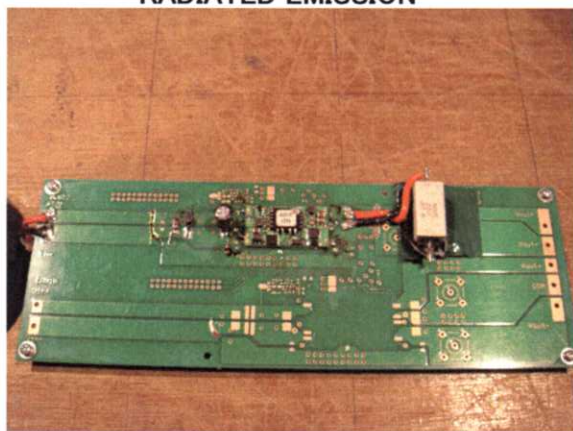
Test : EMI
Model Name : SUS/SUW1012

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

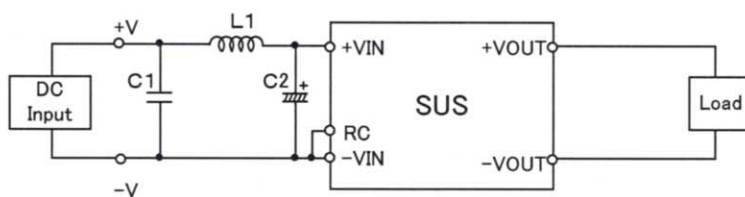


Fig.1 Testing circuitry 1

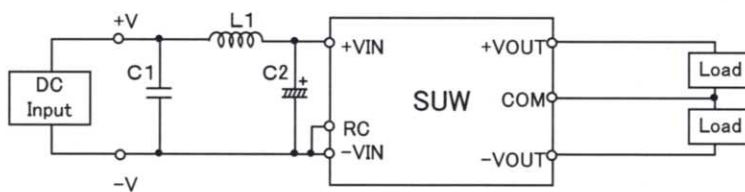


Fig.2 Testing circuitry 2

L1 : 1 μ H	CI4-1R0	(KORIN ELECTRONICS)
C1: 25V 10 μ F	C3225JB1E106M	(TDK)
C2: 25V 220 μ F	UPW1E221M	(NICHICON)