

Date	17-May-05
Temp.	25degreeC
Humid.	45 %RH
Tested by	T.Ohara

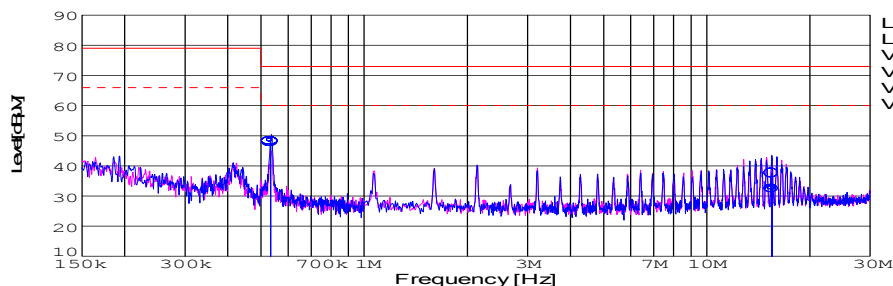
Model	SUCS1R51205
Test	EMI Line conduction & Radiated emission

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Model Name      : SUCS1R51205
Model No.       : -
Serial No.      : -
Points          : 2
Detector        : PEAQ/QP/Av e.
Line Mode       : VA
Power Supply     : DC 12V
Limit1: [EN 55022] Class A(QP)
Limit2: [EN 55022] Class A(Ave.)

```

Temp. : 25degreeC
Humi. : 45%
Date : 2004/10/7 18:51
Test Equip. : R3132,ESPC
Load Line : 10mm
Comment : -

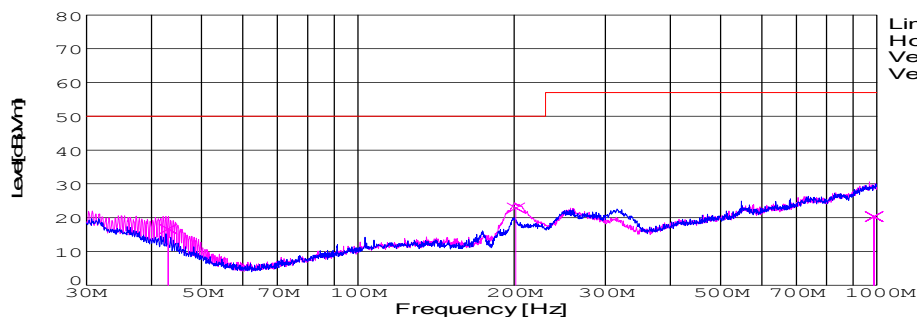


Vin : DC12V
Iout : 0.3A

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]
0.533	38.4	38.1	9.9	48.3	48	VA	60	73	11.7	25
15.4981	22.3	27.4	10.2	32.5	37.6	VA	60	73	27.5	35.4

```
Model Name      : SUCS1R51205
Model No.       :
Serial No.      :
Points          : 3
Detector        : PEAK/QP
Polarization    : Vertical
Power Supply    : DC 12V
Limit: [EN 55022] Class A<3m>
```

```
Temp.      : 25degreeC
Humi.      : 45%
Date       : 2005/5/10 10:02
Test Equip.: R3132,ESPC
Load Line  : 10mm
Comment    :
```



Vin : DC12V
Iout : 0.3A

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]
201.658	45.6	BL	8.5	-31.3	22.8	48	111	Vert.	50	27.2
986.984	24.3	BL	25.3	-29.3	20.3	286	130	Vert.	57	36.7
43.078	37.5	BL	11.3	-32.2	16.6	242	100	Vert.	50	33.4

COSEL

Conditions

Test : EMI
Model Name : SUCS/SUCW 1R512

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

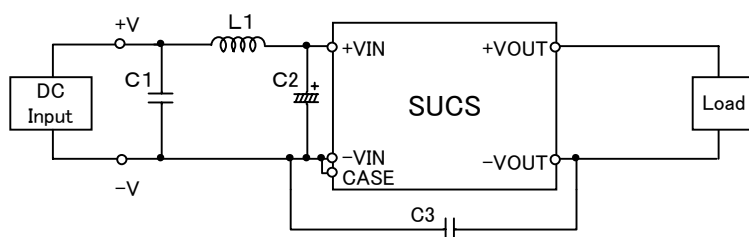


Fig.1 Testing circuitry 1

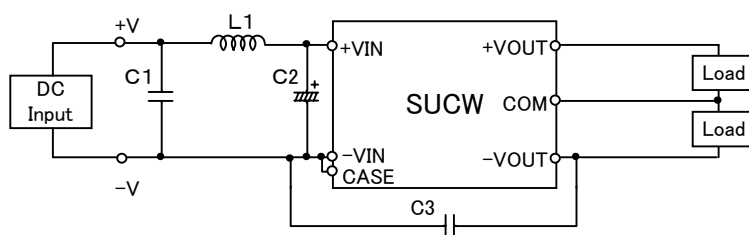


Fig.2 Testing circuitry 2

L1 :	4.7 μ H	GLF2518T4R7M	(TDK)
C1 :	25V 1 μ F	C2012JB1E105K	(TDK)
C2 :	25V 47 μ F	UPW1E470M	(NICHICON)
C3 :	1000V 100pF	GRM31AR33A101K	(MURATA)