参考資料

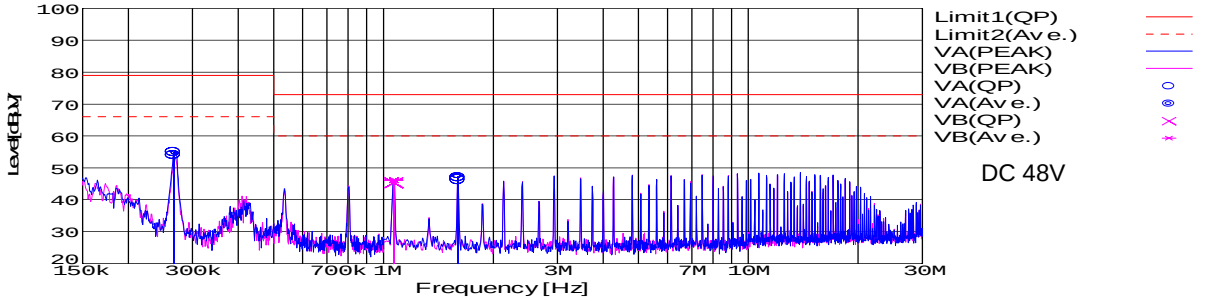
COSEL

DATA SHEET		Date	27-Jan-09
Model	SUTS104812	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	D.Joboji

LINE CONDUCTION

Model Name : SUTS104812
Model No. :
Serial No. :
Points : 3
Detector : PEAK/QP/Ave.
Line Mode : VA/VB
Power Supply : DC 48V
Limit1: [EN 55022] Class A(QP)
Limit2: [EN 55022] Class A(Ave.)

Temp. : 25
Humi. : 45
Date : 2009/1/27 10:46
Test Equip. : R3132,ESPC
Load Line : 50mm
Comment :

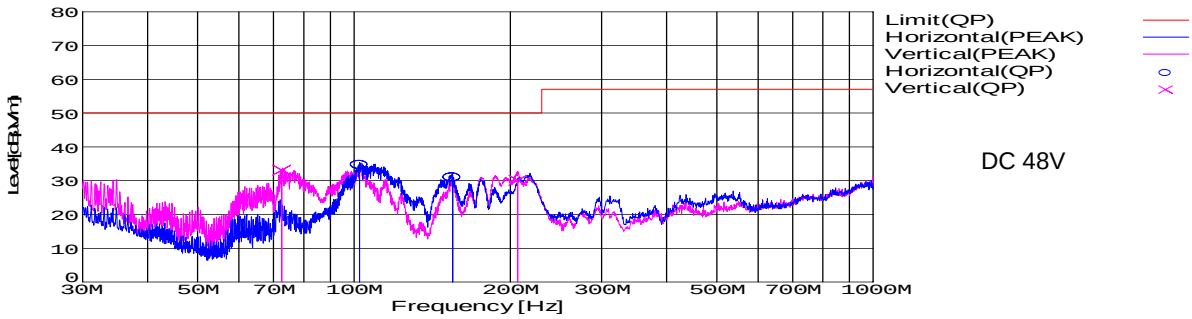


Frequency [MHz]	Meter Reading (Ave.)[dBuV]	Meter Reading (QP)[dBuV]	Factor [dB]	Level(Ave.) [dBuV]	Level(QP) [dBuV]	Line	Limit(Ave.) [dBuV]	Limit(QP) [dBuV]	Margin(Ave.) [dB]	Margin(QP) [dB]
0.2667	45	44.2	9.8	54.8	54	VA	66	79	11.2	25
1.6021	37.2	36.4	9.9	47.1	46.3	VA	60	73	12.9	26.7
1.0678	36.3	35.5	9.9	46.2	45.4	VB	60	73	13.8	27.6

RADIATED EMISSION

Model Name : SUTS104812
Model No. :
Serial No. :
Points : 4
Detector : PEAK/QP
Polarization : Hori. & Vert.
Power Supply : DC 48V
Limit: [EN 55022] Class A<3m>

Temp. : 25
Humi. : 45
Date : 2009/1/27 11:03
Test Equip. : R3132,ESPC
Load Line : 50mm
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]
102.454	56.5	BL	9.9	-31.7	34.7	351	150	Hori.	50	15.3
154.829	52.2	BL	10.3	-31.5	31	193	160	Hori.	50	19
72.576	59.1	BL	5.9	-31.9	33.1	58	113	Vert.	50	16.9
206.729	52.8	BL	8.6	-31.3	30.1	10	103	Vert.	50	19.9

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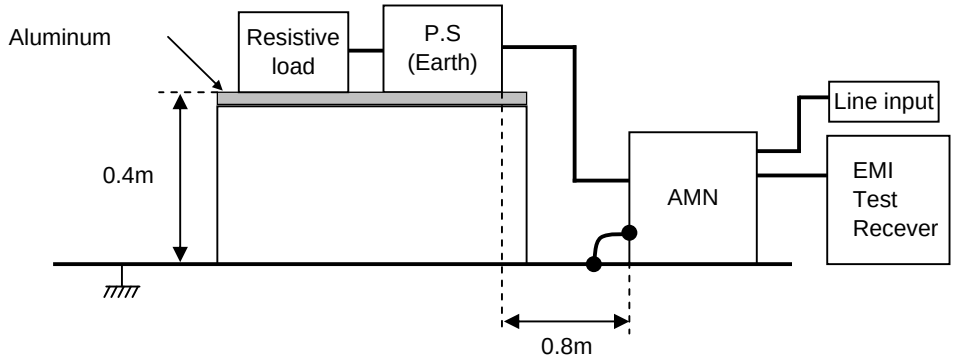
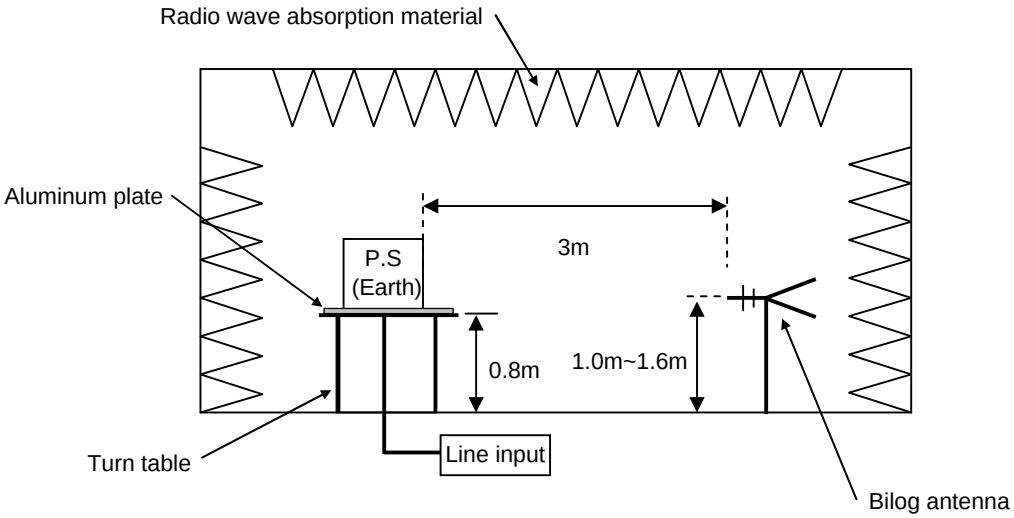
DATA SHEET	
Model	Circuit used for measurement
Test	EMI Line conduction & Radiated emission

1. Line conduction



2. Radiated emission



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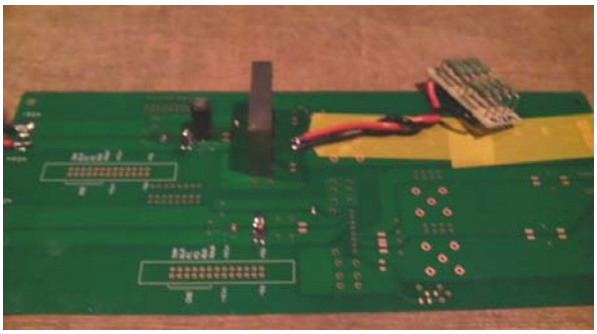
Conditions

Test : EMI
Model Name : SUTS/SUTW1048□□

○Photographs of Test Set-Up

LINE CONDUCTION

RADIATED EMISSION



○Testing circuitry

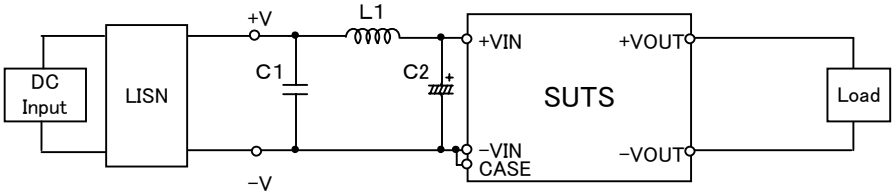


Fig.1 Testing circuitry 1

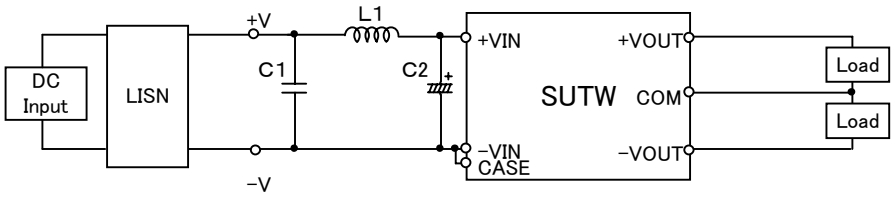


Fig.2 Testing circuitry 2

L1 :	10μH	CY3H-100	(KORIN ELECTRONICS)
C1 :	100V 2.2μF	C4532JB2A225M	(TDK)
C2 :	100V 47μF	UPW2A470M	(NICHICON)