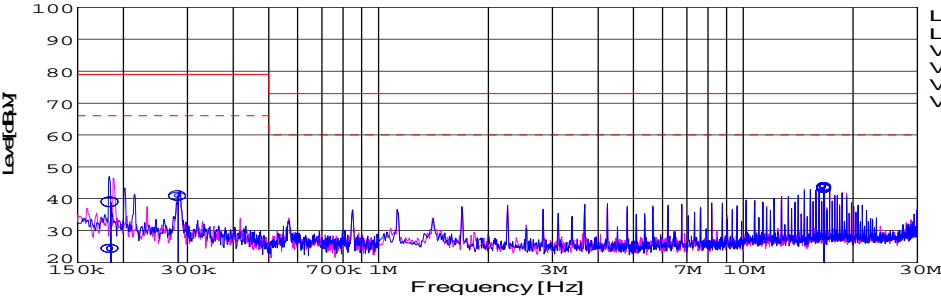
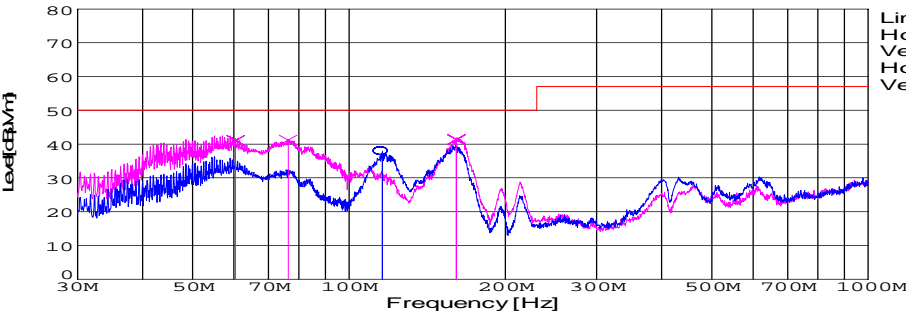


DATA SHEET							Date	02-Feb-09		
Model	SUTS100512						Temp.	25 degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	D.Joboji		
LINE CONDUCTION										
Model Name : SUTS100512			Temp. : 25							
Model No. :			Humi. : 45							
Serial No. :			Date : 2009/2/2 9:35							
Points : 4			Test Equip. : R3132,ESPC							
Detector : PEAK/QP/Ave.			Load Line : 50mm							
Line Mode : VA			Comment :							
Power Supply : DC 5V										
Limit1: [EN 55022] Class A(QP)										
Limit2: [EN 55022] Class A(Ave.)										
							Limit1(QP) Limit2(Ave.) VA(PEAK) VB(PEAK) VA(QP) VA(Ave.)			
DC 5V										
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]
0.1849	14.4	29	9.8	24.2	38.8	VA	66	79	41.8	40.2
0.2828	31	30.7	9.8	40.8	40.5	VA	66	79	25.2	38.5
16.6485	33.3	32.8	10.2	43.5	43	VA	60	73	16.5	30
16.6463	33.4	32.8	10.2	43.6	43	VA	60	73	16.4	30

RADIATED EMISSION										
Model Name : SUTS100512			Temp. : 25							
Model No. :			Humi. : 45							
Serial No. :			Date : 2009/2/2 10:04							
Points : 4			Test Equip. : R3132,ESPC							
Detector : PEAK/QP			Load Line : 50mm							
Polarization : Hori. & Vert.			Comment :							
Power Supply : DC 5V										
Limit: [EN 55022] Class A<3m>										
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP)			
DC 5V										
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]
116.075	58.5	BL	10.9	-31.7	37.7	39	152	Hori.	50	12.3
60.454	68.3	BL	4.7	-32	41	119	122	Vert.	50	9
76.352	66.5	BL	6.6	-31.9	41.2	121	114	Vert.	50	8.8
160.94	63	BL	9.8	-31.5	41.3	49	160	Vert.	50	8.7

DATA SHEET

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

1. Line conduction



2. Radiated emission





Conditions

Test : EMI
Model Name : SUTS/SUTW1005□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

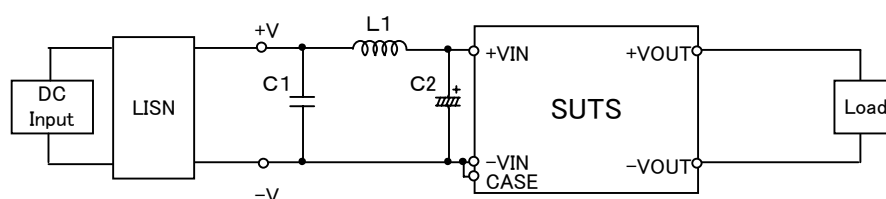


Fig.1 Testing circuitry 1

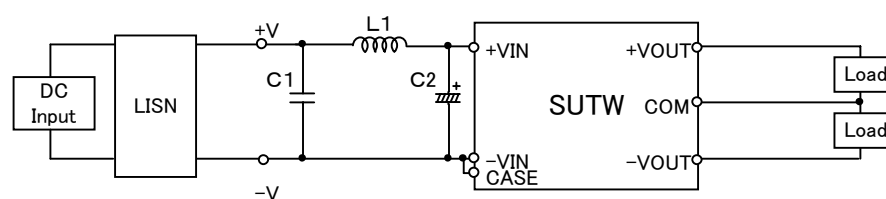


Fig.2 Testing circuitry 2

L1 :	0.5 μ H	CI4C-0R5	(KORIN ELECTRONICS)
C1 :	25V 22 μ F	C3225JC1E226M	(TDK)
C2 :	25V 470 μ F	UPM1E471M	(NICHICON)