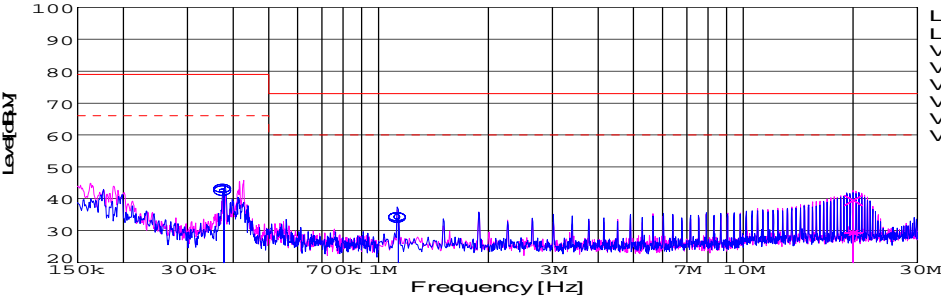
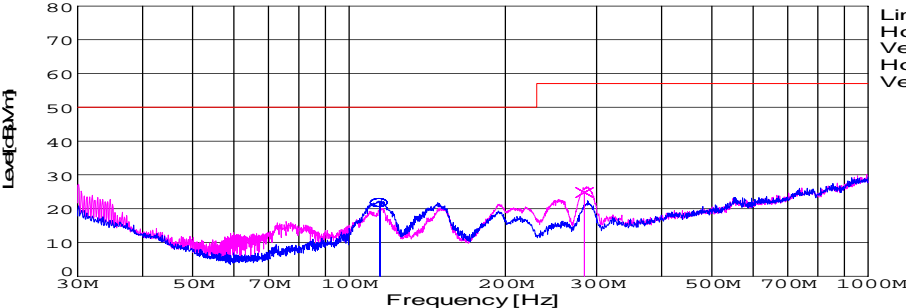


DATA SHEET							Date	20-Feb-09																																														
Model	SUTW62415						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	D.Joboji																																														
LINE CONDUCTION																																																						
Model Name : SUTW62415			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/20 11:48																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Comment :																																																			
Line Mode : VA/VB																																																						
Power Supply : DC 24V																																																						
Limit1: [EN 55022] Class A(QP)																																																						
Limit2: [EN 55022] Class A(Ave.)																																																						
							Limit1(QP) Limit2(Ave.) VA(PEAK) VB(PEAK) VA(QP) VA(Ave.) VB(QP) VB(Ave.) DC 24V																																															
<table><tr><th>Frequency [MHz]</th><th>Meter Reading (Ave.) [dBuV]</th><th>Meter Reading (QP) [dBuV]</th><th>Factor [dB]</th><th>Level(Ave.) [dBuV]</th><th>Level(QP) [dBuV]</th><th>Line</th><th>Limit(Ave.) [dBuV]</th><th>Limit(QP) [dBuV]</th><th>Margin(Ave.) [dB]</th><th>Margin(QP) [dB]</th></tr><tr><td>0.3773</td><td>32.4</td><td>33.3</td><td>9.9</td><td>42.3</td><td>43.2</td><td>VA</td><td>66</td><td>79</td><td>23.7</td><td>35.8</td></tr><tr><td>1.134</td><td>24.3</td><td>24</td><td>9.9</td><td>34.2</td><td>33.9</td><td>VA</td><td>60</td><td>73</td><td>25.8</td><td>39.1</td></tr><tr><td>20.0233</td><td>19</td><td>29.2</td><td>10.3</td><td>29.3</td><td>39.5</td><td>VB</td><td>60</td><td>73</td><td>30.7</td><td>33.5</td></tr></table>											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]	0.3773	32.4	33.3	9.9	42.3	43.2	VA	66	79	23.7	35.8	1.134	24.3	24	9.9	34.2	33.9	VA	60	73	25.8	39.1	20.0233	19	29.2	10.3	29.3	39.5	VB	60	73	30.7	33.5
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]																																												
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20.0233	19	29.2	10.3	29.3	39.5	VB	60	73	30.7	33.5																																												
RADIATED EMISSION																																																						
Model Name : SUTW62415			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/20 16:25																																																			
Points : 2			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Comment :																																																			
Polarization : Hori. & Vert.																																																						
Power Supply : DC 24V																																																						
Limit: [EN 55022] Class A<3m>																																																						
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP) DC 24V																																															
<table><tr><th>Frequency [MHz]</th><th>MeterReading (QP) [dBuV]</th><th>Ant. Type</th><th>Antenna Factor [dB/m]</th><th>Cable & Preamp [dB]</th><th>Level(QP) [dBuV/m]</th><th>Angle [°]</th><th>Height [cm]</th><th>Polar.</th><th>Limit [dBuV/m]</th><th>Margin [dB]</th></tr><tr><td>114.757</td><td>42.5</td><td>BL</td><td>10.8</td><td>-31.7</td><td>21.6</td><td>359</td><td>142</td><td>Hori.</td><td>50</td><td>28.4</td></tr><tr><td>284.274</td><td>43.2</td><td>BL</td><td>12.6</td><td>-31</td><td>24.8</td><td>244</td><td>118</td><td>Vert.</td><td>57</td><td>32.2</td></tr></table>											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]	114.757	42.5	BL	10.8	-31.7	21.6	359	142	Hori.	50	28.4	284.274	43.2	BL	12.6	-31	24.8	244	118	Vert.	57	32.2											
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]																																												
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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/SUTW 624□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

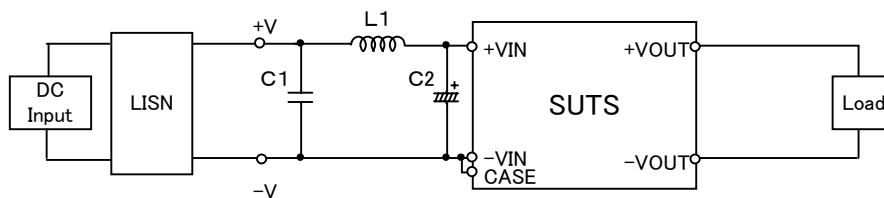


Fig.1 Testing circuitry 1

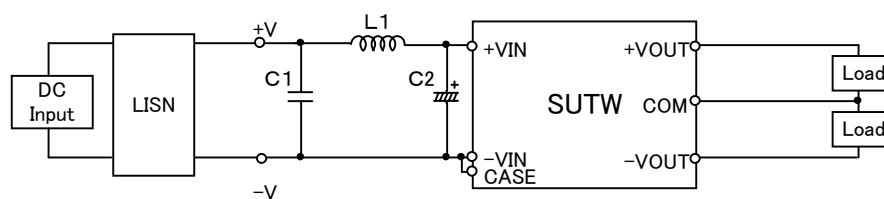


Fig.2 Testing circuitry 2

L1 :	2.2 μ H	CY3H-2R2	(KORIN ELECTRONICS)
C1 :	50V 2.2 μ F	C3225X5R1H225M	(TDK)
C2 :	50V 100 μ F	UPM1H101M	(NICHICON)