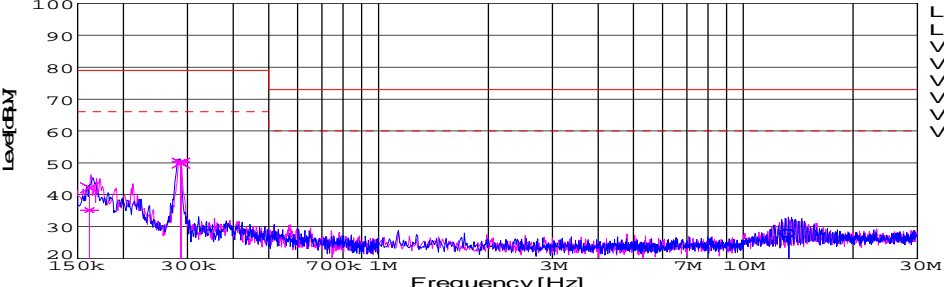
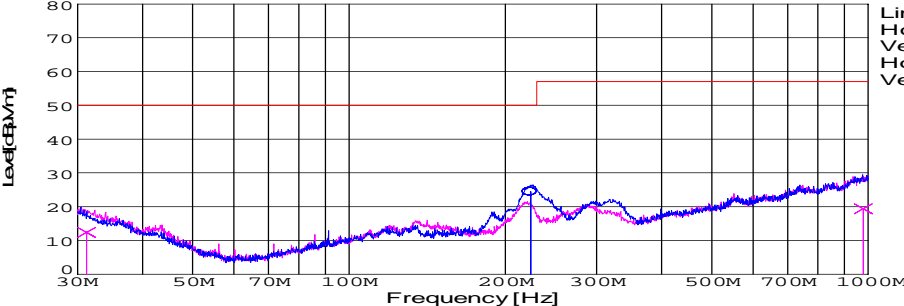
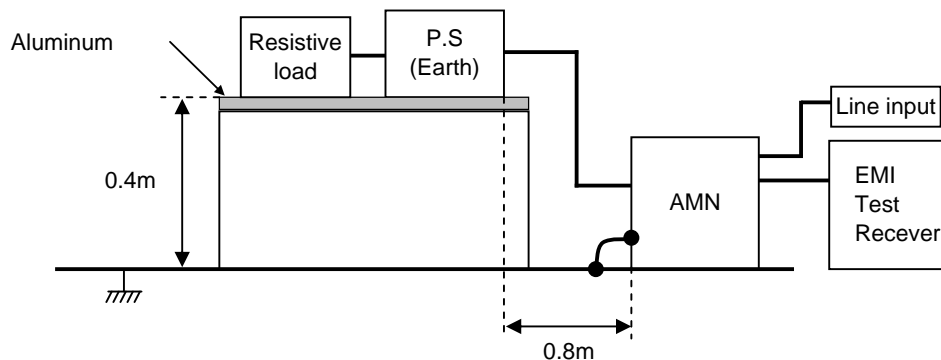


DATA SHEET							Date	05-Feb-09																																														
Model	SUTW30515						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	D.Joboji																																														
LINE CONDUCTION																																																						
Model Name : SUTW30515			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/5 18:28																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Load Line : 10mm																																																			
Line Mode : VA/VB			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.) ——— VB(QP) ——— VB(Ave.) ——— DC 5V																																															
<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>13.3104</td><td>6.1</td><td>17.5</td><td>10.2</td><td>16.3</td><td>27.7</td><td>VA</td><td>60</td><td>73</td><td>43.7</td><td>45.3</td></tr><tr><td>0.1615</td><td>25.4</td><td>32.4</td><td>9.8</td><td>35.2</td><td>42.2</td><td>VB</td><td>66</td><td>79</td><td>30.8</td><td>36.8</td></tr><tr><td>0.2874</td><td>40.5</td><td>40.1</td><td>9.8</td><td>50.3</td><td>49.9</td><td>VB</td><td>66</td><td>79</td><td>15.7</td><td>29.1</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]	13.3104	6.1	17.5	10.2	16.3	27.7	VA	60	73	43.7	45.3	0.1615	25.4	32.4	9.8	35.2	42.2	VB	66	79	30.8	36.8	0.2874	40.5	40.1	9.8	50.3	49.9	VB	66	79	15.7	29.1
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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RADIATED EMISSION																																																						
Model Name : SUTW30515			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/5 18:59																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Load Line : 10mm																																																			
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																																															
<table><tr><th>Frequency [MHz]</th><th>Meter Reading (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>223.731</td><td>46.5</td><td>BL</td><td>9.2</td><td>-31.2</td><td>24.5</td><td>359</td><td>156</td><td>Hori.</td><td>50</td><td>25.5</td></tr><tr><td>31.214</td><td>27.1</td><td>BL</td><td>17.6</td><td>-32.3</td><td>12.4</td><td>130</td><td>130</td><td>Vert.</td><td>50</td><td>37.6</td></tr><tr><td>978.746</td><td>23.5</td><td>BL</td><td>25.2</td><td>-29.3</td><td>19.4</td><td>16</td><td>150</td><td>Vert.</td><td>57</td><td>37.6</td></tr></table>											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]	223.731	46.5	BL	9.2	-31.2	24.5	359	156	Hori.	50	25.5	31.214	27.1	BL	17.6	-32.3	12.4	130	130	Vert.	50	37.6	978.746	23.5	BL	25.2	-29.3	19.4	16	150	Vert.	57	37.6
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]																																												
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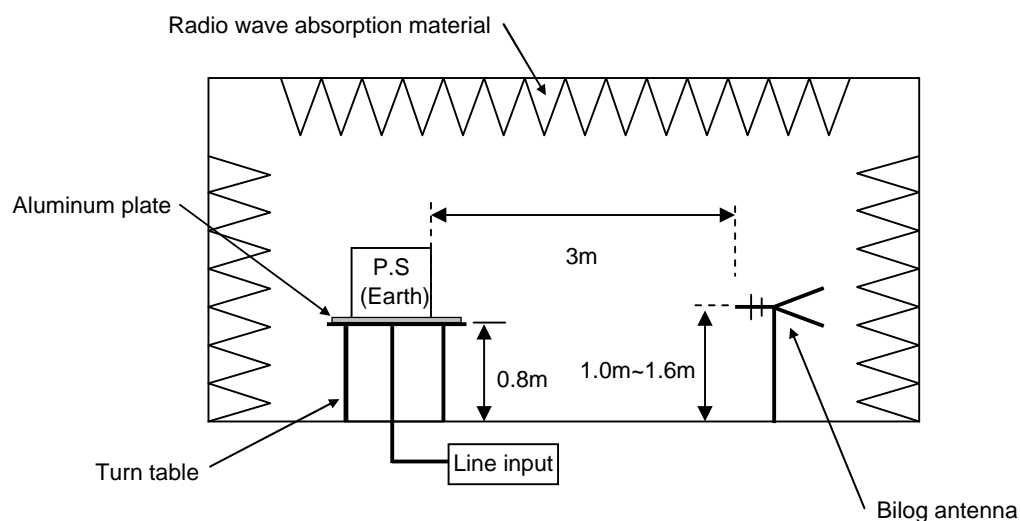
DATA SHEET

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

1. Line conduction



2. Radiated emission





Conditions

Test : EMI
Model Name : SUTS/SUTW 305□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

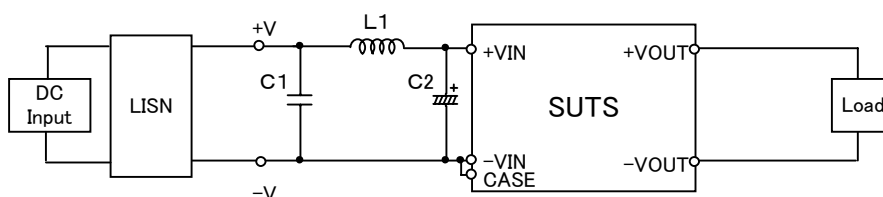


Fig.1 Testing circuitry 1

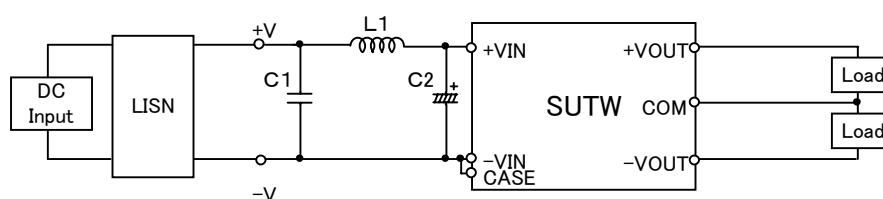


Fig.2 Testing circuitry 2

L1 :	2.2 μ H	CY3H-2R2	(KORIN ELECTRONICS)
C1 :	16V 1 μ F	C2012JB1C105K	(TDK)
C2 :	16V 220 μ F	UPW1C221M	(NICHICON)