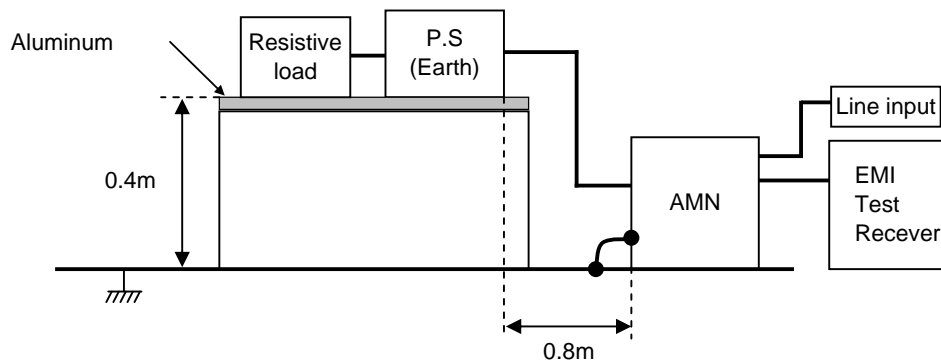


DATA SHEET							Date	11-Feb-09																																														
Model	SUTS62405						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	D.Joboji																																														
LINE CONDUCTION																																																						
Model Name : SUTS62405			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/11 9:36																																																			
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>0.3702</td><td>38.2</td><td>37.8</td><td>9.9</td><td>48.1</td><td>47.7</td><td>VA</td><td>66</td><td>79</td><td>17.9</td><td>31.3</td></tr><tr><td>1.1112</td><td>34.2</td><td>33.6</td><td>9.9</td><td>44.1</td><td>43.5</td><td>VB</td><td>60</td><td>73</td><td>15.9</td><td>29.5</td></tr><tr><td>11.4833</td><td>33.2</td><td>36.6</td><td>10.1</td><td>43.3</td><td>46.7</td><td>VB</td><td>60</td><td>73</td><td>16.7</td><td>26.3</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]	0.3702	38.2	37.8	9.9	48.1	47.7	VA	66	79	17.9	31.3	1.1112	34.2	33.6	9.9	44.1	43.5	VB	60	73	15.9	29.5	11.4833	33.2	36.6	10.1	43.3	46.7	VB	60	73	16.7	26.3
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 : SUTS62405			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/11 19:21																																																			
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 &amp; 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>141.374</td><td>43.2</td><td>BL</td><td>10.8</td><td>-31.6</td><td>22.4</td><td>204</td><td>145</td><td>Hori.</td><td>50</td><td>27.6</td></tr><tr><td>205.675</td><td>43.2</td><td>BL</td><td>8.6</td><td>-31.3</td><td>20.5</td><td>0</td><td>107</td><td>Vert.</td><td>50</td><td>29.5</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]	141.374	43.2	BL	10.8	-31.6	22.4	204	145	Hori.	50	27.6	205.675	43.2	BL	8.6	-31.3	20.5	0	107	Vert.	50	29.5											
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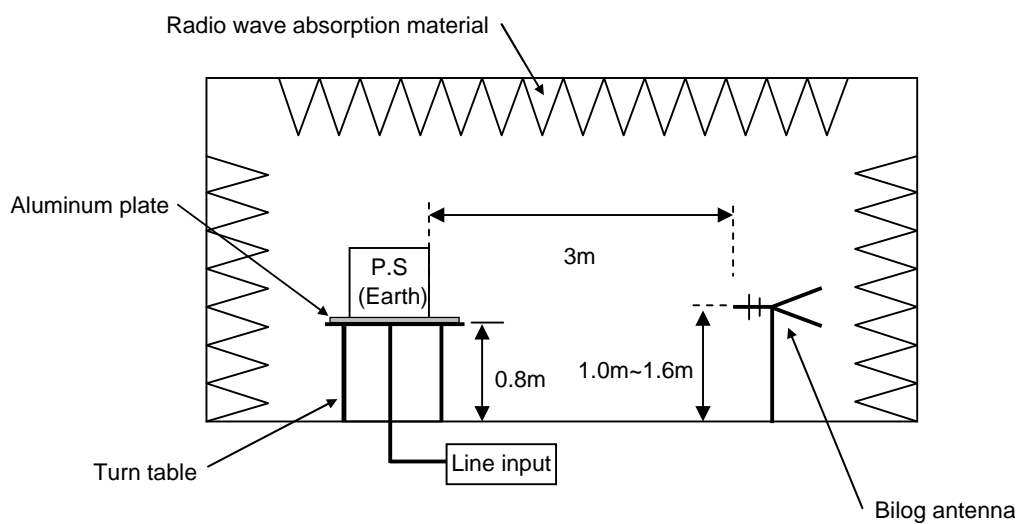
## DATA SHEET

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

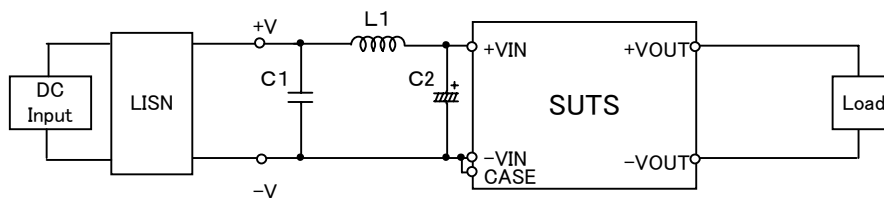


Fig.1 Testing circuitry 1

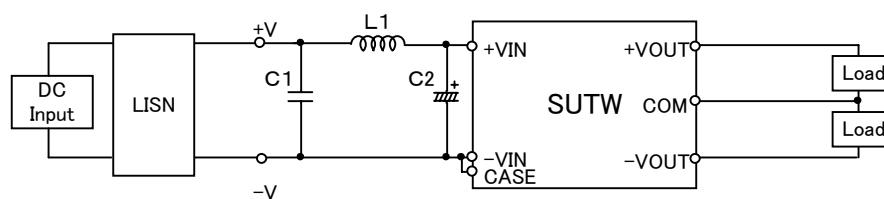


Fig.2 Testing circuitry 2

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