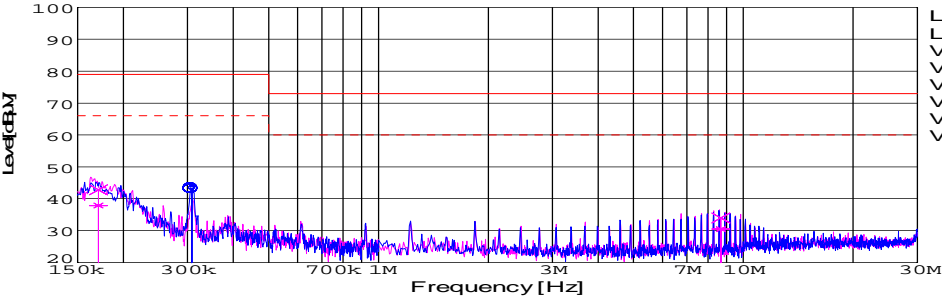
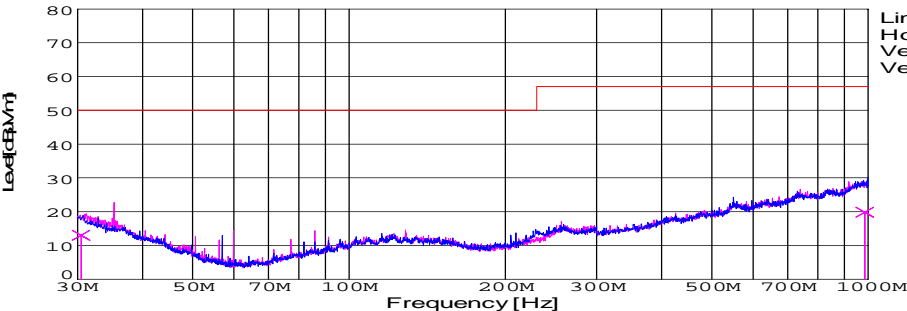


DATA SHEET							Date	07-Feb-09																																														
Model	SUTW34815						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	D.Joboji																																														
LINE CONDUCTION																																																						
Model Name : SUTW34815			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/7 9:17																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Load Line : 10mm																																																			
Line Mode : VA/VB			Comment :																																																			
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>0.3076</td><td>33.4</td><td>33.4</td><td>9.8</td><td>43.2</td><td>43.2</td><td>VA</td><td>66</td><td>79</td><td>22.8</td><td>35.8</td></tr><tr><td>0.171</td><td>28.1</td><td>33</td><td>9.8</td><td>37.9</td><td>42.8</td><td>VB</td><td>66</td><td>79</td><td>28.1</td><td>36.2</td></tr><tr><td>8.6758</td><td>20.4</td><td>23.9 (PEAK)</td><td>10.1</td><td>30.5</td><td>34 (PEAK)</td><td>VB</td><td>60</td><td>73</td><td>29.5</td><td>39</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]	0.3076	33.4	33.4	9.8	43.2	43.2	VA	66	79	22.8	35.8	0.171	28.1	33	9.8	37.9	42.8	VB	66	79	28.1	36.2	8.6758	20.4	23.9 (PEAK)	10.1	30.5	34 (PEAK)	VB	60	73	29.5	39
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 : SUTW34815			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/7 9:30																																																			
Points : 2			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Load Line : 10mm																																																			
Polarization : Vertical			Comment :																																																			
Power Supply : DC 48V																																																						
Limit: [EN 55022] Class A<3m>																																																						
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Vertical(QP) DC 48V																																															
<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>984.601</td><td>23.9</td><td>BL</td><td>25.3</td><td>-29.3</td><td>19.9</td><td>227</td><td>146</td><td>Vert.</td><td>57</td><td>37.1</td></tr><tr><td>30.453</td><td>27.3</td><td>BL</td><td>18</td><td>-32.3</td><td>13</td><td>144</td><td>112</td><td>Vert.</td><td>50</td><td>37</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]	984.601	23.9	BL	25.3	-29.3	19.9	227	146	Vert.	57	37.1	30.453	27.3	BL	18	-32.3	13	144	112	Vert.	50	37											
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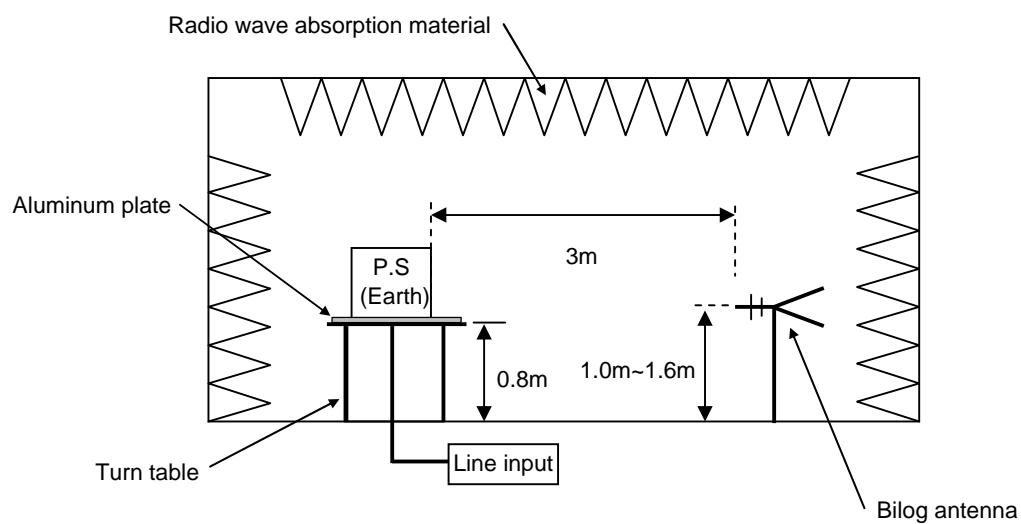
DATA SHEET

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

1. Line conduction



2. Radiated emission





Conditions

Test : EMI
Model Name : SUTS/SUTW 348□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

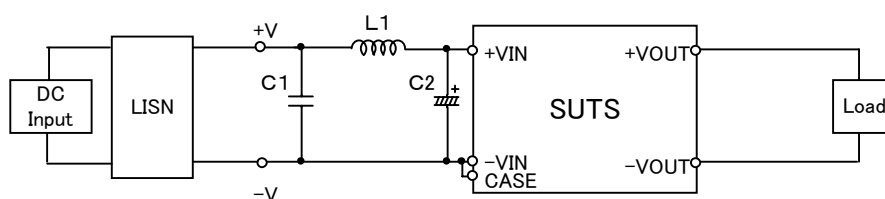


Fig.1 Testing circuitry 1

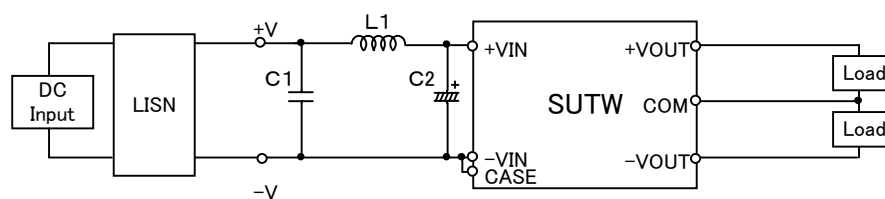


Fig.2 Testing circuitry 2

L1 :	10 μ H	CY3H-100	(KORIN ELECTRONICS)
C1 :	100V 0.47 μ F	C3216JB2A474K	(TDK)
C2 :	100V 22 μ F	UPW2A220M	(NICHICON)