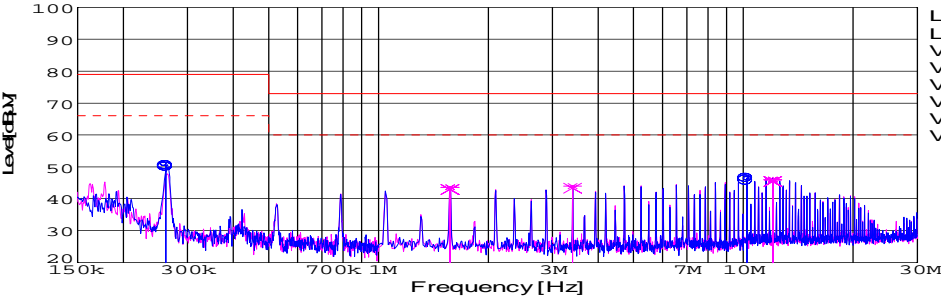
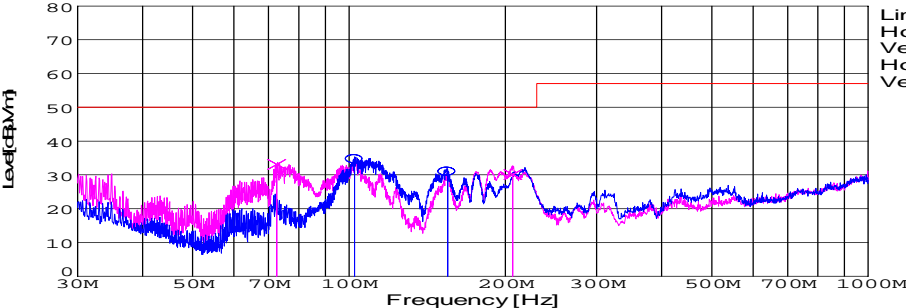
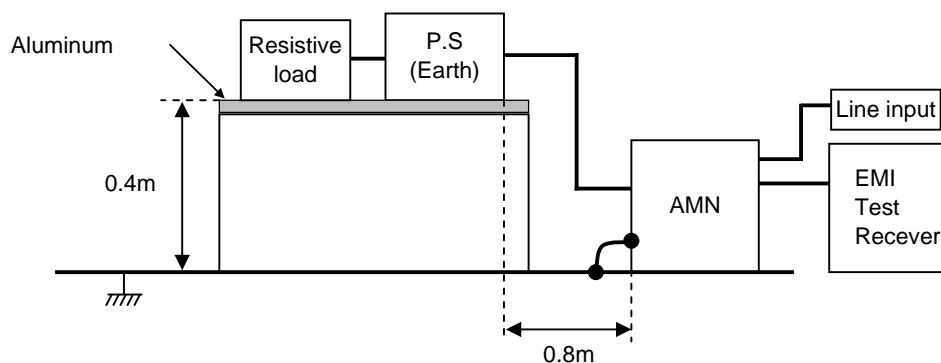


DATA SHEET							Date	27-Jan-09																																																																				
Model	SUTS104805						Temp.	25 degreeC																																																																				
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																																																				
							Tested by	D.Joboji																																																																				
LINE CONDUCTION																																																																												
Model Name : SUTS104805			Temp. : 25																																																																									
Model No. :			Humi. : 45																																																																									
Serial No. :			Date : 2009/1/27 9:55																																																																									
Points : 5			Test Equip. : R3132,ESPC																																																																									
Detector : PEAK/QP/Ave.			Load Line : 50mm																																																																									
Line Mode : VA/VB			Comment :																																																																									
Power Supply : DC 48V																																																																												
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 48V																																																																					
<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>0.261</td><td>40.8</td><td>40.2</td><td>9.8</td><td>50.6</td><td>50</td><td>VA</td><td>66</td><td>79</td><td>15.4</td><td>29</td></tr><tr><td>10.2101</td><td>36.3</td><td>35.6</td><td>10.1</td><td>46.4</td><td>45.7</td><td>VA</td><td>60</td><td>73</td><td>13.6</td><td>27.3</td></tr><tr><td>1.5712</td><td>33.7</td><td>33.1</td><td>9.9</td><td>43.6</td><td>43</td><td>VB</td><td>60</td><td>73</td><td>16.4</td><td>30</td></tr><tr><td>3.4031</td><td>34</td><td>33.4</td><td>10</td><td>44</td><td>43.4</td><td>VB</td><td>60</td><td>73</td><td>16</td><td>29.6</td></tr><tr><td>12.0419</td><td>35.9</td><td>35.3</td><td>10.1</td><td>46</td><td>45.4</td><td>VB</td><td>60</td><td>73</td><td>14</td><td>27.6</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]	0.261	40.8	40.2	9.8	50.6	50	VA	66	79	15.4	29	10.2101	36.3	35.6	10.1	46.4	45.7	VA	60	73	13.6	27.3	1.5712	33.7	33.1	9.9	43.6	43	VB	60	73	16.4	30	3.4031	34	33.4	10	44	43.4	VB	60	73	16	29.6	12.0419	35.9	35.3	10.1	46	45.4	VB	60	73	14	27.6
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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Model Name : SUTS104805			Temp. : 25																																																																									
Model No. :			Humi. : 45																																																																									
Serial No. :			Date : 2009/1/27 10:11																																																																									
Points : 4			Test Equip. : R3132,ESPC																																																																									
Detector : PEAK/QP			Load Line : 50mm																																																																									
Polarization : Hori. & Vert.			Comment :																																																																									
Power Supply : DC 48V																																																																												
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							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP) DC 48V																																																																					
<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>102.454</td><td>56.5</td><td>BL</td><td>9.9</td><td>-31.7</td><td>34.7</td><td>351</td><td>150</td><td>Hori.</td><td>50</td><td>15.3</td></tr><tr><td>154.829</td><td>52.2</td><td>BL</td><td>10.3</td><td>-31.5</td><td>31</td><td>193</td><td>160</td><td>Hori.</td><td>50</td><td>19</td></tr><tr><td>72.576</td><td>59.1</td><td>BL</td><td>5.9</td><td>-31.9</td><td>33.1</td><td>58</td><td>113</td><td>Vert.</td><td>50</td><td>16.9</td></tr><tr><td>206.729</td><td>52.8</td><td>BL</td><td>8.6</td><td>-31.3</td><td>30.1</td><td>10</td><td>103</td><td>Vert.</td><td>50</td><td>19.9</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]	102.454	56.5	BL	9.9	-31.7	34.7	351	150	Hori.	50	15.3	154.829	52.2	BL	10.3	-31.5	31	193	160	Hori.	50	19	72.576	59.1	BL	5.9	-31.9	33.1	58	113	Vert.	50	16.9	206.729	52.8	BL	8.6	-31.3	30.1	10	103	Vert.	50	19.9											
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

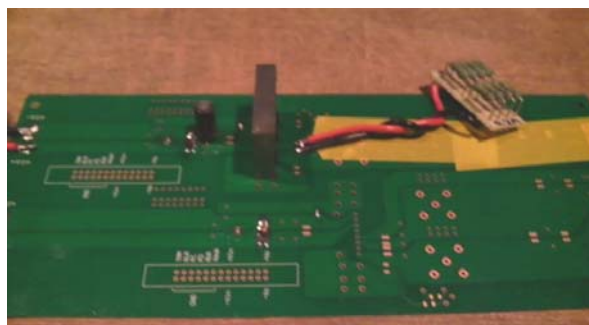
Test : EMI
Model Name : SUTS/SUTW1048□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

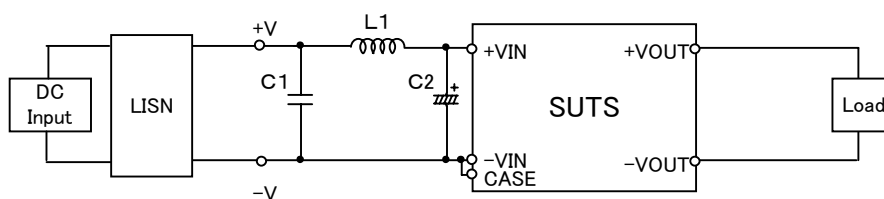


Fig.1 Testing circuitry 1

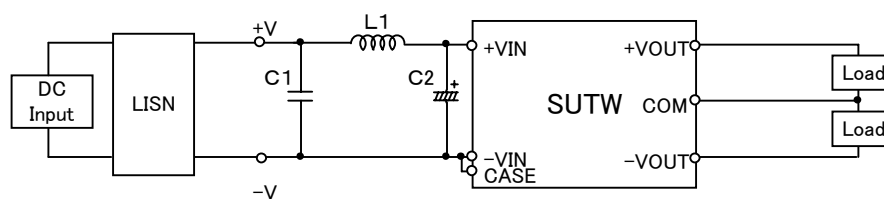


Fig.2 Testing circuitry 2

L1 : 10 μ H	CY3H-100	(KORIN ELECTRONICS)
C1: 100V 2.2 μ F	C4532JB2A225M	(TDK)
C2: 100V 47 μ F	UPW2A470M	(NICHICON)