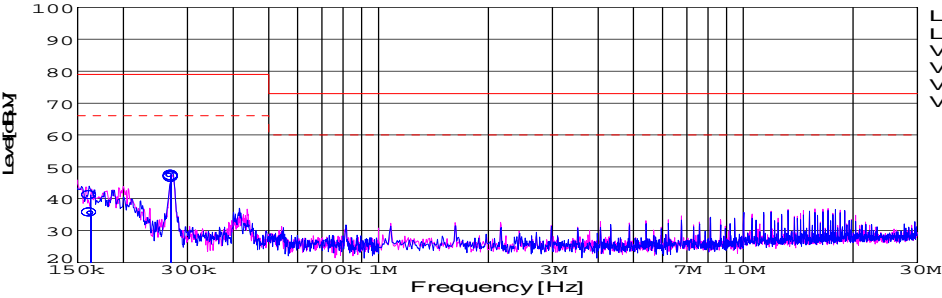
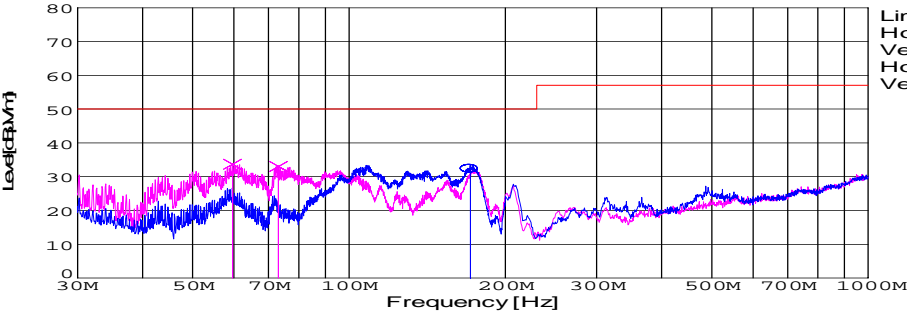


DATA SHEET							Date	27-Jan-09																																														
Model	SUTS102405						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	D.Joboji																																														
LINE CONDUCTION																																																						
Model Name			: SUTS102405		Temp.			: 25																																														
Model No.			:		Humi.			: 45																																														
Serial No.			:		Date			: 2009/1/27 9:06																																														
Points			: 2		Test Equip.			: R3132,ESPC																																														
Detector			: PEAK/QP/Ave.		Load Line			: 50mm																																														
Line Mode			: VA		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.)		⊙																																													
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>0.1627</td><td>25.7</td><td>31.4</td><td>9.8</td><td>35.5</td><td>41.2</td><td>VA</td><td>66</td><td>79</td><td>30.5</td><td>37.8</td></tr><tr><td>0.2702</td><td>37.5</td><td>37</td><td>9.8</td><td>47.3</td><td>46.8</td><td>VA</td><td>66</td><td>79</td><td>18.7</td><td>32.2</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]	0.1627	25.7	31.4	9.8	35.5	41.2	VA	66	79	30.5	37.8	0.2702	37.5	37	9.8	47.3	46.8	VA	66	79	18.7	32.2											
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			: SUTS102405		Temp.			: 25																																														
Model No.			:		Humi.			: 45																																														
Serial No.			:		Date			: 2009/1/27 9:17																																														
Points			: 3		Test Equip.			: R3132,ESPC																																														
Detector			: PEAK/QP		Load Line			: 50mm																																														
Polarization			: Hori. & Vert.		Comment			:																																														
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>171.349</td><td>54.9</td><td>BL</td><td>8.8</td><td>-31.4</td><td>32.3</td><td>177</td><td>157</td><td>Hori.</td><td>50</td><td>17.7</td></tr><tr><td>59.636</td><td>60.9</td><td>BL</td><td>4.8</td><td>-32</td><td>33.7</td><td>104</td><td>120</td><td>Vert.</td><td>50</td><td>16.3</td></tr><tr><td>73.131</td><td>58.9</td><td>BL</td><td>6</td><td>-31.9</td><td>33</td><td>125</td><td>100</td><td>Vert.</td><td>50</td><td>17</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]	171.349	54.9	BL	8.8	-31.4	32.3	177	157	Hori.	50	17.7	59.636	60.9	BL	4.8	-32	33.7	104	120	Vert.	50	16.3	73.131	58.9	BL	6	-31.9	33	125	100	Vert.	50	17
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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73.131	58.9	BL	6	-31.9	33	125	100	Vert.	50	17																																												

DATA SHEET

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

1. Line conduction



2. Radiated emission





Conditions

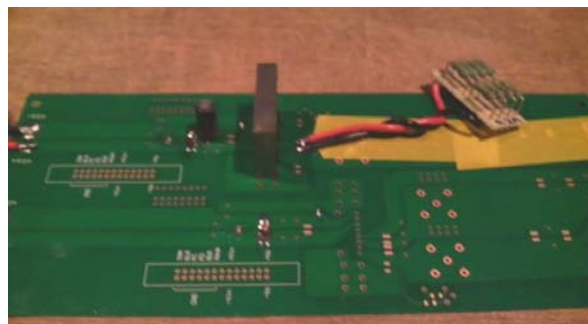
Test : EMI
Model Name : SUTS/SUTW1024□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

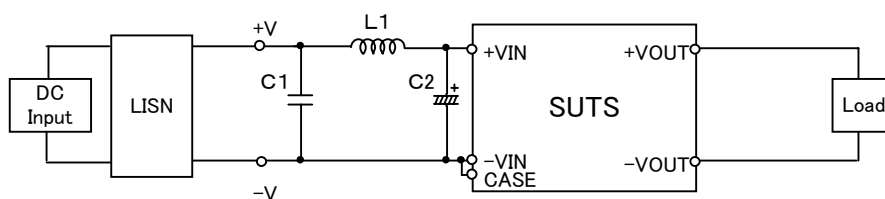


Fig.1 Testing circuitry 1

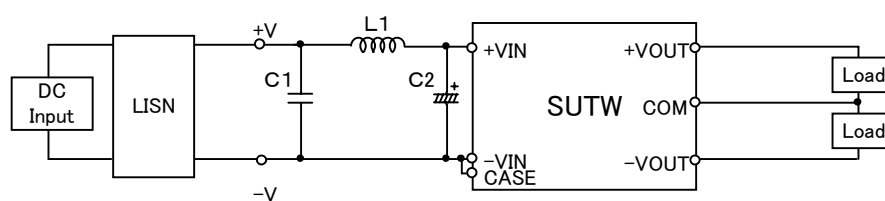


Fig.2 Testing circuitry 2

L1 :	2.2 μ H	CY3H-2R2	(KORIN ELECTRONICS)
C1 :	50V 3.3 μ F	C3225JB1H335M	(TDK)
C2 :	50V 100 μ F	UPM1H101M	(NICHICON)