

DATA SHEET							Date	12-Feb-09																																														
Model	SUTS62412						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	D.Joboji																																														
LINE CONDUCTION																																																						
Model Name : SUTS62412			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/2/12 11:29																																																			
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>0.3725</td><td>38.5</td><td>38</td><td>9.9</td><td>48.4</td><td>47.9</td><td>VA</td><td>66</td><td>79</td><td>17.6</td><td>31.1</td></tr><tr><td>1.1175</td><td>34.6</td><td>34</td><td>9.9</td><td>44.5</td><td>43.9</td><td>VA</td><td>60</td><td>73</td><td>15.5</td><td>29.1</td></tr><tr><td>13.4138</td><td>27.5</td><td>31.1</td><td>10.2</td><td>37.7</td><td>41.3</td><td>VB</td><td>60</td><td>73</td><td>22.3</td><td>31.7</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]	0.3725	38.5	38	9.9	48.4	47.9	VA	66	79	17.6	31.1	1.1175	34.6	34	9.9	44.5	43.9	VA	60	73	15.5	29.1	13.4138	27.5	31.1	10.2	37.7	41.3	VB	60	73	22.3	31.7
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Points : 2			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Comment :																																																			
Polarization : Hori. & Vert.																																																						
Power Supply : DC 24V																																																						
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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

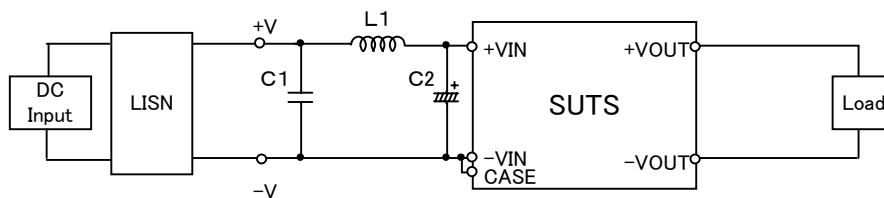


Fig.1 Testing circuitry 1

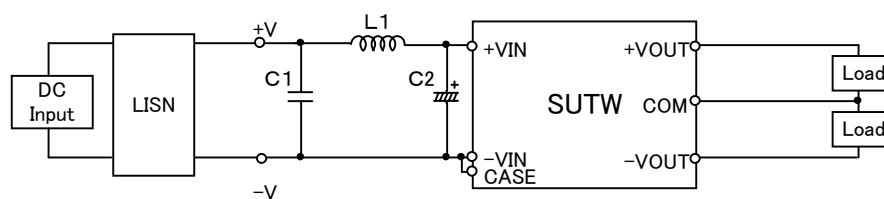


Fig.2 Testing circuitry 2

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