

DATA SHEET							Date	20-Feb-09																																																									
Model	SUTS64812						Temp.	25 degreeC																																																									
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																																									
							Tested by	D.Joboji																																																									
LINE CONDUCTION																																																																	
Model Name : SUTS64812			Temp. : 25																																																														
Model No. :			Humi. : 45																																																														
Serial No. :			Date : 2009/2/20 10:41																																																														
Points : 4			Test Equip. : R3132,ESPC																																																														
Detector : PEAK/QP/Ave.			Comment :																																																														
Line Mode : VA/VB																																																																	
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>0.3253</td><td>40.9</td><td>40.3</td><td>9.8</td><td>50.7</td><td>50.1</td><td>VA</td><td>66</td><td>79</td><td>15.3</td><td>28.9</td></tr><tr><td>0.9788</td><td>32.7</td><td>32.2</td><td>9.9</td><td>42.6</td><td>42.1</td><td>VA</td><td>60</td><td>73</td><td>17.4</td><td>30.9</td></tr><tr><td>5.5459</td><td>30.9</td><td>30.7</td><td>10</td><td>40.9</td><td>40.7</td><td>VA</td><td>60</td><td>73</td><td>19.1</td><td>32.3</td></tr><tr><td>6.2022</td><td>29.3</td><td>30.7</td><td>10</td><td>39.3</td><td>40.7</td><td>VB</td><td>60</td><td>73</td><td>20.7</td><td>32.3</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]	0.3253	40.9	40.3	9.8	50.7	50.1	VA	66	79	15.3	28.9	0.9788	32.7	32.2	9.9	42.6	42.1	VA	60	73	17.4	30.9	5.5459	30.9	30.7	10	40.9	40.7	VA	60	73	19.1	32.3	6.2022	29.3	30.7	10	39.3	40.7	VB	60	73	20.7	32.3
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Model Name : SUTS64812			Temp. : 25																																																														
Model No. :			Humi. : 45																																																														
Serial No. :			Date : 2009/2/20 11:01																																																														
Points : 2			Test Equip. : R3132,ESPC																																																														
Detector : PEAK/QP			Comment :																																																														
Polarization : Vertical																																																																	
Power Supply : DC 48V																																																																	
Limit: [EN 55022] Class A<3m>																																																																	
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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 648□□

○Photographs of Test Set-Up

### LINE CONDUCTION



### RADIATED EMISSION



○Testing circuitry

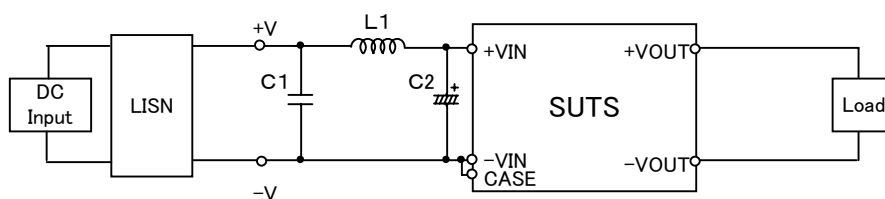


Fig.1 Testing circuitry 1

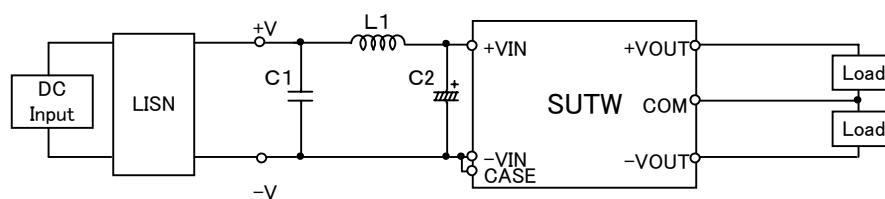


Fig.2 Testing circuitry 2

L1 :	6.8 $\mu$ H	CY3H-6R8	(KORIN ELECTRONICS)
C1 :	100V 1 $\mu$ F	C3225JB2A105M	(TDK)
C2 :	100V 47 $\mu$ F	UPW2A470M	(NICHICON)