

DATA SHEET							Date	12-May-05																																														
Model	SUCW30515						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	T.Ohara																																														
LINE CONDUCTION																																																						
Model Name : SUCW30515			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2005/5/12 17:03																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Load Line : 10mm																																																			
Line Mode : VA/VB			Comment : T.Ohara																																																			
Power Supply : DC 5V																																																						
Limit1: [EN 55022] Class A(QP)																																																						
Limit2: [EN 55022] Class A(Ave.)																																																						
							Limit1(QP)		Limit2(Ave.)																																													
							VA(PEAK)		VB(PEAK)																																													
							VA(QP)		VB(QP)																																													
							VA(Ave.)		VB(Ave.)																																													
							DC 5V																																															
							+15V0.1A																																															
							-15V0.1A																																															
<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>0.1599</td><td>26.3</td><td>32.1</td><td>9.8</td><td>36.1</td><td>41.9</td><td>VA</td><td>66</td><td>79</td><td>29.9</td><td>37.1</td></tr><tr><td>12.7796</td><td>4.8</td><td>15.6</td><td>10.2</td><td>15</td><td>25.8</td><td>VA</td><td>60</td><td>73</td><td>45</td><td>47.2</td></tr><tr><td>0.4409</td><td>28.8</td><td>29.8</td><td>9.9</td><td>38.7</td><td>39.7</td><td>VB</td><td>66</td><td>79</td><td>27.3</td><td>39.3</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]	0.1599	26.3	32.1	9.8	36.1	41.9	VA	66	79	29.9	37.1	12.7796	4.8	15.6	10.2	15	25.8	VA	60	73	45	47.2	0.4409	28.8	29.8	9.9	38.7	39.7	VB	66	79	27.3	39.3
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 : SUCW30515			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2005/5/12 17:19																																																			
Points : 2			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Load Line : 10mm																																																			
Polarization : Vertical			Comment :																																																			
Power Supply : DC 5V																																																						
Limit: [EN 55022] Class A<3m>																																																						
							Limit(QP)		Limit(Ave.)																																													
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COSEL

Conditions

Test : EMI
Model Name : SUCS/SUCW 305

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

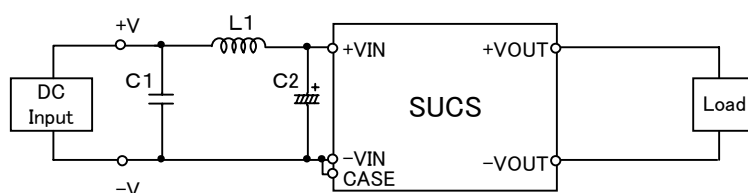


Fig.1 Testing circuitry 1

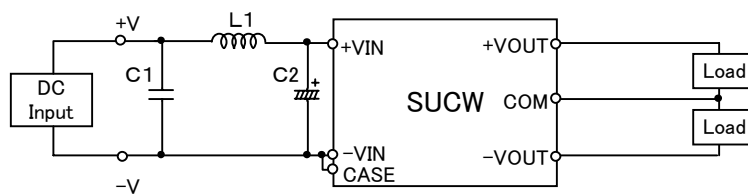


Fig.2 Testing circuitry 2

L1 :	2.2 μ H	CY3H-2R2	(KORIN ELECTRONICS)
C1 :	16V 1 μ F	C2012JB1C105K	(TDK)
C2 :	16V 220 μ F	UPW1C221M	(NICHICON)