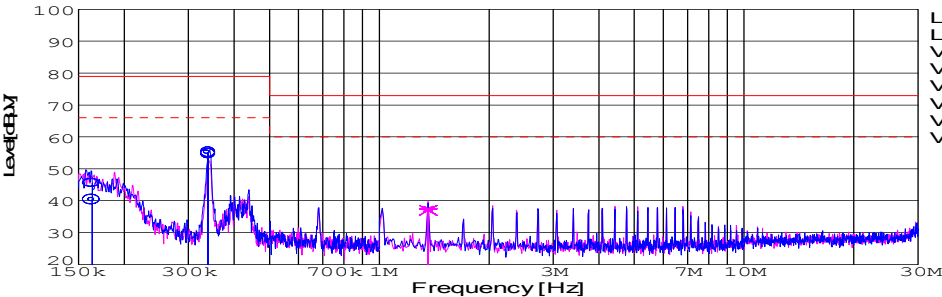
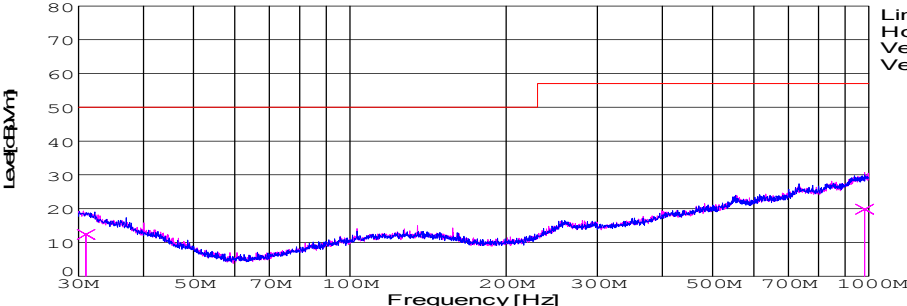


DATA SHEET							Date	13-May-05																																														
Model	SUCS34812						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	T.Ohara																																														
LINE CONDUCTION																																																						
Model Name : SUCS34812			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2005/5/13 16:49																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Load Line : 10mm																																																			
Line Mode : VA/VB			Comment : T.Ohara																																																			
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 12V0.25A																																															
<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>0.1636</td><td>30.6</td><td>35.6</td><td>9.8</td><td>40.4</td><td>45.4</td><td>VA</td><td>66</td><td>79</td><td>25.6</td><td>33.6</td></tr><tr><td>0.3398</td><td>45.5</td><td>44.9</td><td>9.8</td><td>55.3</td><td>54.7</td><td>VA</td><td>66</td><td>79</td><td>10.7</td><td>24.3</td></tr><tr><td>1.3614</td><td>27.6</td><td>27.1</td><td>9.9</td><td>37.5</td><td>37</td><td>VB</td><td>60</td><td>73</td><td>22.5</td><td>36</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]	0.1636	30.6	35.6	9.8	40.4	45.4	VA	66	79	25.6	33.6	0.3398	45.5	44.9	9.8	55.3	54.7	VA	66	79	10.7	24.3	1.3614	27.6	27.1	9.9	37.5	37	VB	60	73	22.5	36
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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0.3398	45.5	44.9	9.8	55.3	54.7	VA	66	79	10.7	24.3																																												
1.3614	27.6	27.1	9.9	37.5	37	VB	60	73	22.5	36																																												
RADIATED EMISSION																																																						
Model Name : SUCS34812			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2005/5/13 17:04																																																			
Points : 2			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Load Line : 10mm																																																			
Polarization : Vertical			Comment :																																																			
Power Supply : DC 48V																																																						
Limit: [EN 55022] Class A<3m>																																																						
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Vertical(QP)																																															
							DC 48V 12V0.25A																																															
<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>981.356</td><td>23.9</td><td>BL</td><td>25.2</td><td>-29.3</td><td>19.8</td><td>232</td><td>117</td><td>Vert.</td><td>57</td><td>37.2</td></tr><tr><td>31.014</td><td>27</td><td>BL</td><td>17.7</td><td>-32.3</td><td>12.4</td><td>38</td><td>131</td><td>Vert.</td><td>50</td><td>37.6</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]	981.356	23.9	BL	25.2	-29.3	19.8	232	117	Vert.	57	37.2	31.014	27	BL	17.7	-32.3	12.4	38	131	Vert.	50	37.6											
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]																																												
981.356	23.9	BL	25.2	-29.3	19.8	232	117	Vert.	57	37.2																																												
31.014	27	BL	17.7	-32.3	12.4	38	131	Vert.	50	37.6																																												

COSEL

Conditions

Test : EMI
Model Name : SUCS/SUCW 348

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

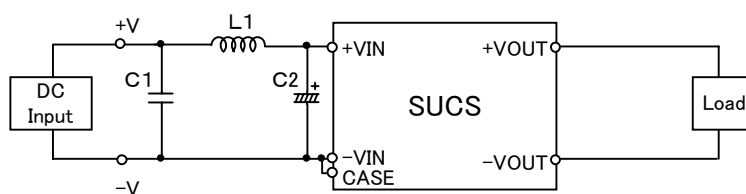


Fig.1 Testing circuitry 1

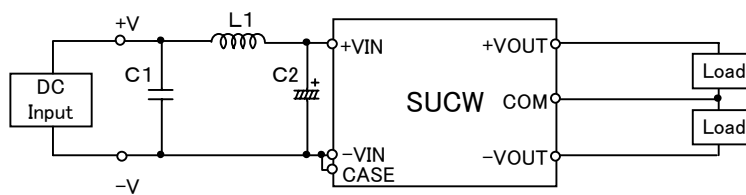


Fig.2 Testing circuitry 2

L1 :	10 μ H	CY3H-100	(KORIN ELECTRONICS)
C1 :	100V 0.47 μ F	C3216JB2A474K	(TDK)
C2 :	100V 22 μ F	UPW2A220M	(NICHICON)