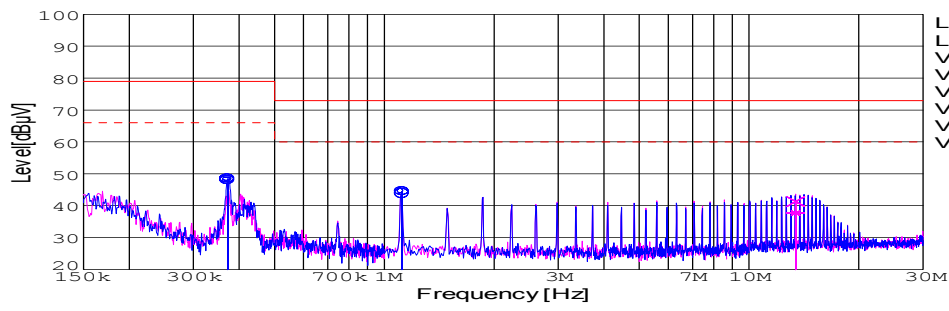
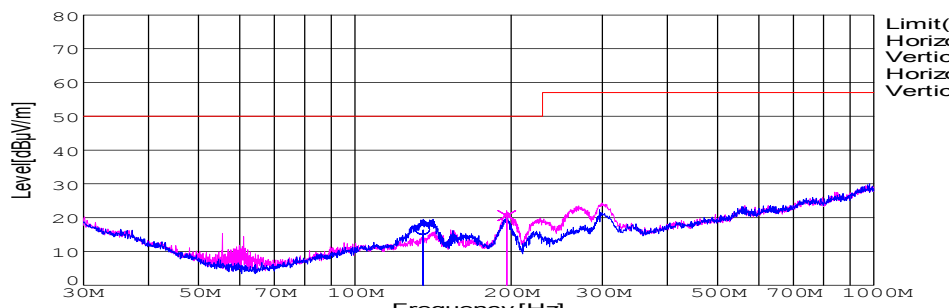


DATA SHEET							Date	10-Feb-05																																														
Model	SUCS62412						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	Y,Hirose																																														
LINE CONDUCTION																																																						
Model Name : SUCS62412			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2005/2/10 11:29																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Comment : Y,Hirose																																																			
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 12V0.5A																																															
<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
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 : SUCS62412			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2005/2/10 17:06																																																			
Points : 2			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Comment : Y,Hirose																																																			
Polarization : Hori. & Vert.																																																						
Power Supply : DC 24V																																																						
Limit: [EN 55022] Class A<3m>																																																						
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP)																																															
							DC 24V 12V0.5A																																															
<table><tr><th>Frequency [MHz]</th><th>MeterReading (QP) [dBuV]</th><th>Ant. Type</th><th>Antenna Factor [dB/m]</th><th>Cable &amp; 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>135.493</td><td>36.9</td><td>BL</td><td>11</td><td>-31.6</td><td>16.3</td><td>21</td><td>129</td><td>Hori.</td><td>50</td><td>33.7</td></tr><tr><td>196.235</td><td>43.5</td><td>BL</td><td>8.4</td><td>-31.3</td><td>20.6</td><td>309</td><td>104</td><td>Vert.</td><td>50</td><td>29.4</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]	135.493	36.9	BL	11	-31.6	16.3	21	129	Hori.	50	33.7	196.235	43.5	BL	8.4	-31.3	20.6	309	104	Vert.	50	29.4											
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# COSEL

## Conditions

Test : EMI  
Model Name : SUCS/SUCW 624□□

○Photographs of Test Set-Up

### LINE CONDUCTION



### RADIATED EMISSION



○Testing circuitry

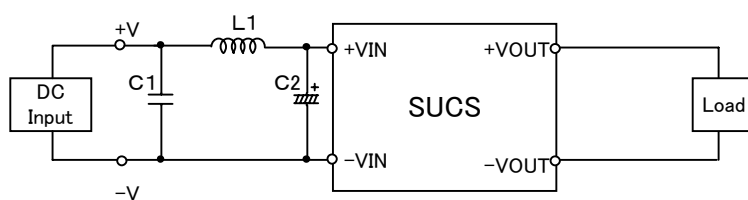


Fig.1 Testing circuitry 1

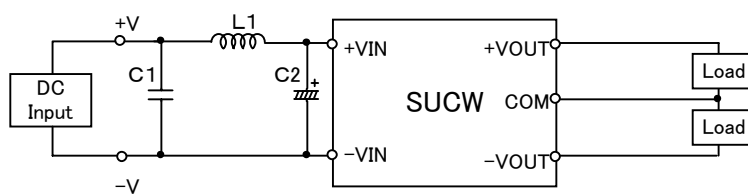


Fig.2 Testing circuitry 2

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