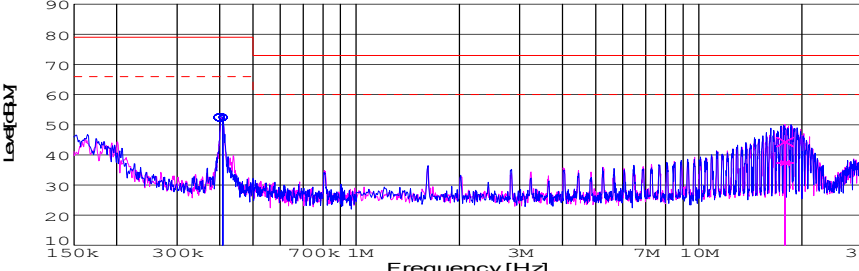
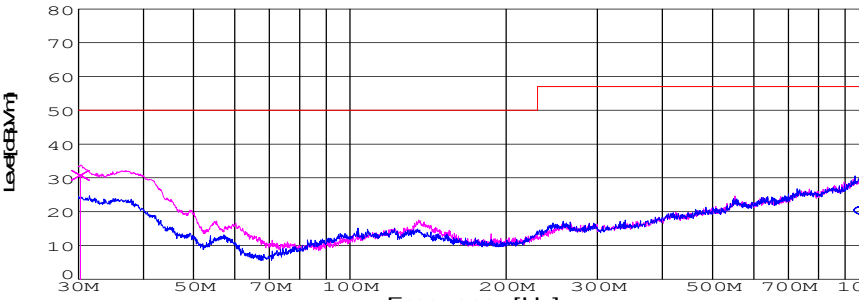


DATA SHEET							Date	17-May-05																																			
Model	SUCS1R50505						Temp.	25degreeC																																			
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																			
							Tested by	T.Ohara																																			
LINE CONDUCTION																																											
Model Name : SUCS1R50505			Temp. : 25degreeC																																								
Model No. : -			Humi. : 45%																																								
Serial No. : -			Date : 2004/10/7 10:34																																								
Points : 2			Test Equip. : R3132,ESPC																																								
Detector : PEAK/QP/Ave.			Load Line : 10mm																																								
Line Mode : VA/VB			Comment : -																																								
Power Supply : DC 5V																																											
Limit1: [EN 55022] Class A(QP)																																											
Limit2: [EN 55022] Class A(Ave.)																																											
							Limit1(QP) ———																																				
							Limit2(Ave.) - - -																																				
							VA(PEAK) ———																																				
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							VA(Ave.) ———																																				
							VB(QP) ———																																				
							VB(Ave.) ———																																				
							Vin : DC5V																																				
							Iout : 0.3A																																				
<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>0.407</td><td>42.4</td><td>42.2</td><td>9.9</td><td>52.3</td><td>52.1</td><td>VA</td><td>66</td><td>79</td><td>13.7</td><td>26.9</td></tr><tr><td>17.8958</td><td>27.1</td><td>34.1</td><td>10.2</td><td>37.3</td><td>44.3</td><td>VB</td><td>60</td><td>73</td><td>22.7</td><td>28.7</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]	0.407	42.4	42.2	9.9	52.3	52.1	VA	66	79	13.7	26.9	17.8958	27.1	34.1	10.2	37.3	44.3	VB	60	73	22.7	28.7
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 : SUCS1R50505			Temp. : 25degreeC																																								
Model No. : -			Humi. : 45%																																								
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Points : 2			Test Equip. : R3132,ESPC																																								
Detector : PEAK/QP			Load Line : 10mm																																								
Polarization : Hori. & Vert.			Comment : -																																								
Power Supply : DC 5V																																											
Limit: [EN 55022] Class A<3m>																																											
							Limit(QP) ———																																				
							Horizontal(PEAK) ———																																				
							Vertical(PEAK) ———																																				
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<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>979.857</td><td>24.3</td><td>BL</td><td>25.2</td><td>-29.3</td><td>20.2</td><td>87</td><td>159</td><td>Hori.</td><td>57</td><td>36.8</td></tr><tr><td>30.243</td><td>45</td><td>BL</td><td>18.1</td><td>-32.3</td><td>30.8</td><td>255</td><td>101</td><td>Vert.</td><td>50</td><td>19.2</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]	979.857	24.3	BL	25.2	-29.3	20.2	87	159	Hori.	57	36.8	30.243	45	BL	18.1	-32.3	30.8	255	101	Vert.	50	19.2
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# COSEL

## Conditions

Test : EMI  
Model Name : SUCS/SUCW 1R505

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

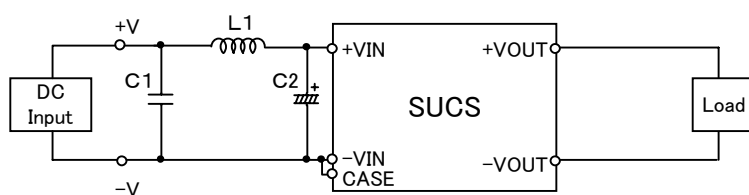


Fig.1 Testing circuitry 1

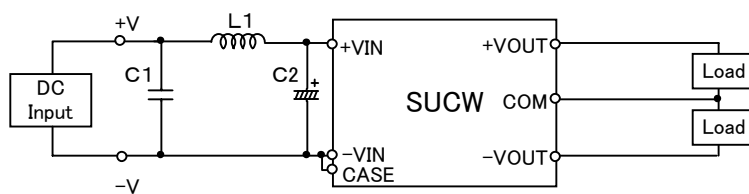


Fig.2 Testing circuitry 2

L1 :	2.2 $\mu$ H	GLF2518T2R2M	(TDK)
C1 :	16V    1 $\mu$ F	C2012JB1C105K	(TDK)
C2 :	16V    100 $\mu$ F	UPW1C101M	(NICHICON)