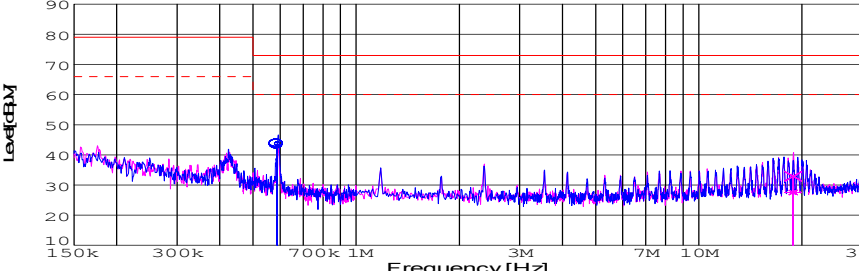
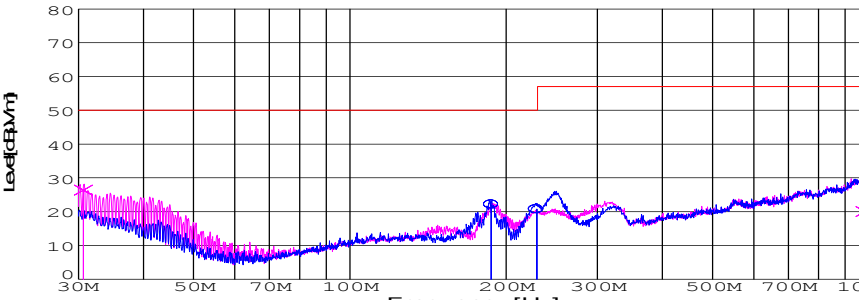


DATA SHEET							Date	17-May-05																																																									
Model	SUCS1R51212						Temp.	25degreeC																																																									
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																																									
							Tested by	T.Ohara																																																									
LINE CONDUCTION																																																																	
Model Name : SUCS1R51212			Temp. : 25degreeC																																																														
Model No. : -			Humi. : 45%																																																														
Serial No. : -			Date : 2004/10/7 21:04																																																														
Points : 2			Test Equip. : R3132,ESPC																																																														
Detector : PEAK/QP/Ave.			Load Line : 10mm																																																														
Line Mode : VA/VB			Comment : -																																																														
Power Supply : DC 12V																																																																	
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.)																																																										
							Vin : DC12V Iout : 0.13A																																																										
<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>0.5886</td><td>33.8</td><td>33.7</td><td>9.9</td><td>43.7</td><td>43.6</td><td>VA</td><td>60</td><td>73</td><td>16.3</td><td>29.4</td></tr><tr><td>18.8879</td><td>17.3</td><td>22.6</td><td>10.3</td><td>27.6</td><td>32.9</td><td>VB</td><td>60</td><td>73</td><td>32.4</td><td>40.1</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]	0.5886	33.8	33.7	9.9	43.7	43.6	VA	60	73	16.3	29.4	18.8879	17.3	22.6	10.3	27.6	32.9	VB	60	73	32.4	40.1																						
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Model Name : SUCS1R51212			Temp. : 25degreeC																																																														
Model No. : -			Humi. : 45%																																																														
Serial No. : -			Date : 2005/5/10 11:38																																																														
Points : 4			Test Equip. : R3132,ESPC																																																														
Detector : PEAK/QP			Load Line : 10mm																																																														
Polarization : Hori. & Vert.			Comment : -																																																														
Power Supply : DC 12V																																																																	
Limit: [EN 55022] Class A<3m>																																																																	
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP)																																																										
							Vin : DC12V Iout : 0.13A																																																										
<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>187.025</td><td>45</td><td>BL</td><td>8.3</td><td>-31.3</td><td>22</td><td>191</td><td>159</td><td>Hori.</td><td>50</td><td>28</td></tr><tr><td>229.222</td><td>42.3</td><td>BL</td><td>9.7</td><td>-31.2</td><td>20.8</td><td>2</td><td>110</td><td>Hori.</td><td>50</td><td>29.2</td></tr><tr><td>30.652</td><td>40.8</td><td>BL</td><td>17.9</td><td>-32.3</td><td>26.4</td><td>148</td><td>117</td><td>Vert.</td><td>50</td><td>23.6</td></tr><tr><td>981.753</td><td>24.1</td><td>BL</td><td>25.2</td><td>-29.3</td><td>20</td><td>62</td><td>159</td><td>Vert.</td><td>57</td><td>37</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]	187.025	45	BL	8.3	-31.3	22	191	159	Hori.	50	28	229.222	42.3	BL	9.7	-31.2	20.8	2	110	Hori.	50	29.2	30.652	40.8	BL	17.9	-32.3	26.4	148	117	Vert.	50	23.6	981.753	24.1	BL	25.2	-29.3	20	62	159	Vert.	57	37
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COSEL

Conditions

Test : EMI
Model Name : SUCS/SUCW 1R512

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

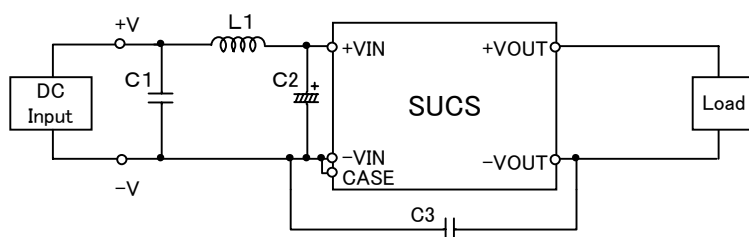


Fig.1 Testing circuitry 1

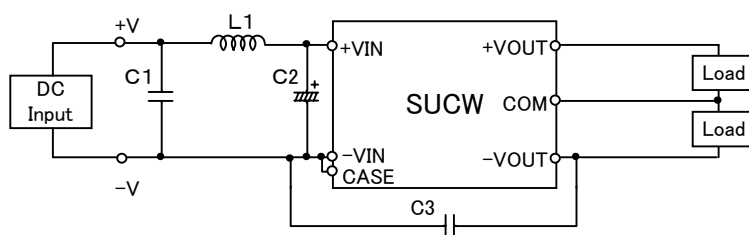


Fig.2 Testing circuitry 2

L1 :	4.7 μ H	GLF2518T4R7M	(TDK)
C1 :	25V 1 μ F	C2012JB1E105K	(TDK)
C2 :	25V 47 μ F	UPW1E470M	(NICHICON)
C3 :	1000V 100pF	GRM31AR33A101K	(MURATA)