

DATA SHEET							Date	21-Feb-05																																																									
Model	SUS61212						Temp.	25 degreeC																																																									
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																																									
							Tested by	Y.Hirose																																																									
LINE CONDUCTION																																																																	
Model Name : SUS61212			Temp. : 25																																																														
Model No. :			Humi. : 45																																																														
Serial No. :			Date : 2005/2/21 14:03																																																														
Points : 4			Test Equip. : R3132,ESPC																																																														
Detector : PEAK/QP/Ave.			Comment : Y.Hirose																																																														
Line Mode : VA/VB			12V0.5A																																																														
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.) *																																																										
							DC 12V 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>0.3539</td><td>44.4</td><td>44</td><td>9.8</td><td>54.2</td><td>53.8</td><td>VA</td><td>66</td><td>79</td><td>11.8</td><td>25.2</td></tr><tr><td>1.0632</td><td>26</td><td>25.8</td><td>9.9</td><td>35.9</td><td>35.7</td><td>VA</td><td>60</td><td>73</td><td>24.1</td><td>37.3</td></tr><tr><td>11.6946</td><td>18</td><td>23.4</td><td>10.1</td><td>28.1</td><td>33.5</td><td>VA</td><td>60</td><td>73</td><td>31.9</td><td>39.5</td></tr><tr><td>11.3433</td><td>19.1</td><td>23.8</td><td>10.1</td><td>29.2</td><td>33.9</td><td>VB</td><td>60</td><td>73</td><td>30.8</td><td>39.1</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]	0.3539	44.4	44	9.8	54.2	53.8	VA	66	79	11.8	25.2	1.0632	26	25.8	9.9	35.9	35.7	VA	60	73	24.1	37.3	11.6946	18	23.4	10.1	28.1	33.5	VA	60	73	31.9	39.5	11.3433	19.1	23.8	10.1	29.2	33.9	VB	60	73	30.8	39.1
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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Model Name : SUS61212			Temp. : 25																																																														
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Serial No. :			Date : 2005/2/21 14:16																																																														
Points : 3			Test Equip. : R3132,ESPC																																																														
Detector : PEAK/QP			Comment : Y.Hirose																																																														
Polarization : Hori. & Vert.			12V0.5A																																																														
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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 & 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>150.419</td><td>35.4</td><td>BL</td><td>10.6</td><td>-31.5</td><td>14.5</td><td>165</td><td>151</td><td>Hori.</td><td>50</td><td>35.5</td></tr><tr><td>31.951</td><td>31.1</td><td>BL</td><td>17.2</td><td>-32.2</td><td>16.1</td><td>274</td><td>108</td><td>Vert.</td><td>50</td><td>33.9</td></tr><tr><td>257.962</td><td>39.2</td><td>BL</td><td>13.4</td><td>-31.1</td><td>21.5</td><td>51</td><td>130</td><td>Vert.</td><td>57</td><td>35.5</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]	150.419	35.4	BL	10.6	-31.5	14.5	165	151	Hori.	50	35.5	31.951	31.1	BL	17.2	-32.2	16.1	274	108	Vert.	50	33.9	257.962	39.2	BL	13.4	-31.1	21.5	51	130	Vert.	57	35.5											
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COSEL

Conditions

Test : EMI
Model Name : SUS/SUW 612□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

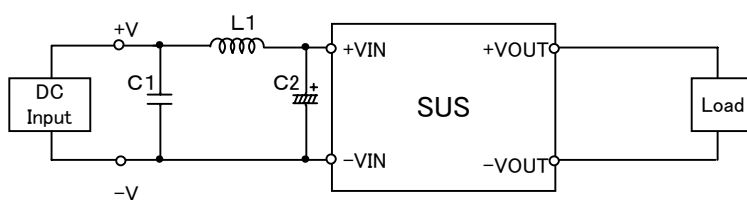


Fig.1 Testing circuitry 1

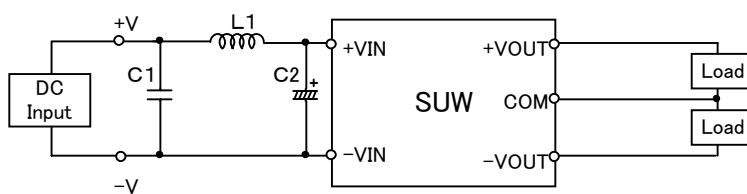


Fig.2 Testing circuitry 2

L1 :	1 μ H	CY3H-1R0	(KORIN ELECTRONICS)
C1 :	25V 1 μ F	C3216JB1E105M	(TDK)
C2 :	25V 220 μ F	LXZ25VB220(M)	(NIPPON CHEMI-COM)