

DATA SHEET							Date	09-Oct-07																																																											
Model	SFS302412						Temp.	25 degreeC																																																											
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																																											
							Tested by	Y.Miyawaki																																																											
LINE CONDUCTION																																																																			
Model Name		SFS302412			Temp.		25degreeC																																																												
Model No.					Humi.		45%																																																												
Serial No.					Date		2007/10/9 12:03																																																												
Points		4			Test Equip.		R3132,ESPC																																																												
Detector		PEAK/QP/Ave.			Load Line		100mm																																																												
Line Mode		VA/VB			Comment		Vo = 12.0V , Io = 2.5A																																																												
Power Supply		DC 24V																																																																	
Limit1: [CISPR Pub11]		Class A Gr.1(QP)																																																																	
Limit2: [CISPR Pub11]		Class A Gr.1(Ave.)																																																																	
<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>0.4957</td><td>27.9</td><td>29</td><td>9.9</td><td>37.8</td><td>38.9</td><td>VA</td><td>66</td><td>79</td><td>28.2</td><td>40.1</td></tr><tr><td>9.4085</td><td>26.3</td><td>26.1</td><td>10.1</td><td>36.4</td><td>36.2</td><td>VA</td><td>60</td><td>73</td><td>23.6</td><td>36.8</td></tr><tr><td>17.3257</td><td>28.9</td><td>28.8</td><td>10.2</td><td>39.1</td><td>39</td><td>VA</td><td>60</td><td>73</td><td>20.9</td><td>34</td></tr><tr><td>0.1579</td><td>21.3</td><td>26.4</td><td>9.8</td><td>31.1</td><td>36.2</td><td>VB</td><td>66</td><td>79</td><td>34.9</td><td>42.8</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]	0.4957	27.9	29	9.9	37.8	38.9	VA	66	79	28.2	40.1	9.4085	26.3	26.1	10.1	36.4	36.2	VA	60	73	23.6	36.8	17.3257	28.9	28.8	10.2	39.1	39	VA	60	73	20.9	34	0.1579	21.3	26.4	9.8	31.1	36.2	VB	66	79	34.9	42.8
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Detector		PEAK/QP			Load Line		100mm																																																												
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Model	SFS302412	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1.Conditions

(1)Photograph of Test Set-Up

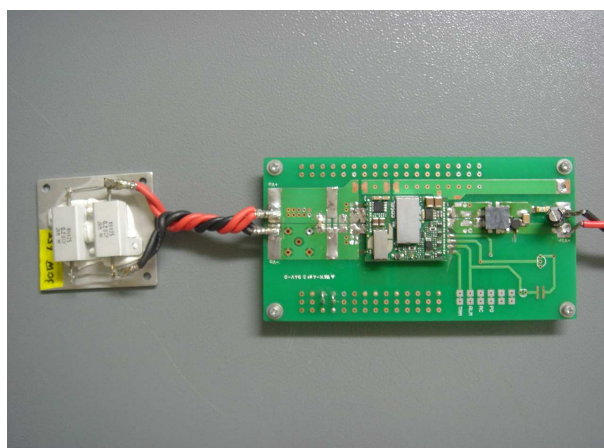
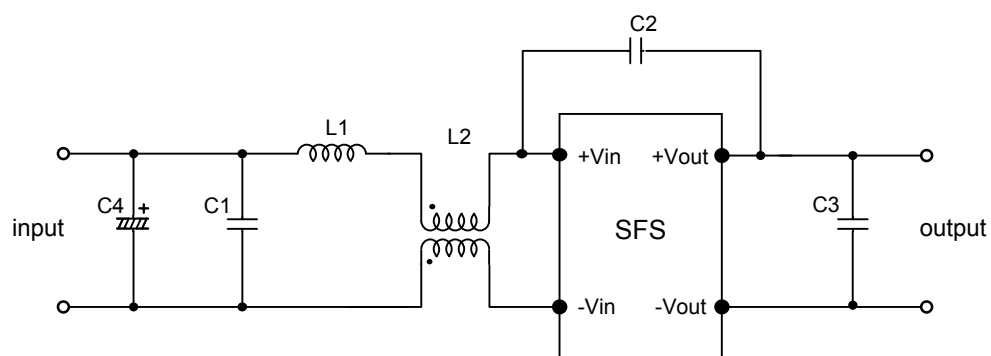


Fig1. Photograph of Test Set-Up

(2)Testing circuitry



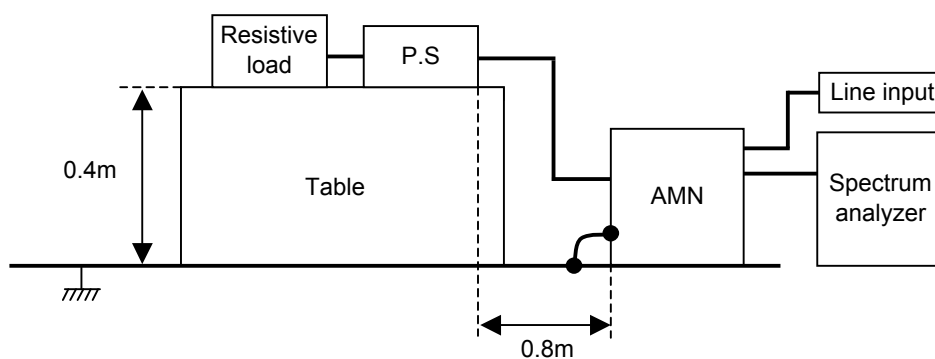
C1: 1 μ F 100V Ceramic capacitor
 C2: 2200pF 630V Ceramic capacitor
 C3: 0.1 μ F 50V Ceramic capacitor
 C4: 68 μ F 80V Electric capacitor

L1: 1 μ H 2.4A Inductor
 L2: ACM1211-102-2PL : TDK

Fig2. Testing circuitry

DATA SHEET		Date	09-Oct-07
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	Y.Miyawaki

1. Line conduction



2. Radiated emission

