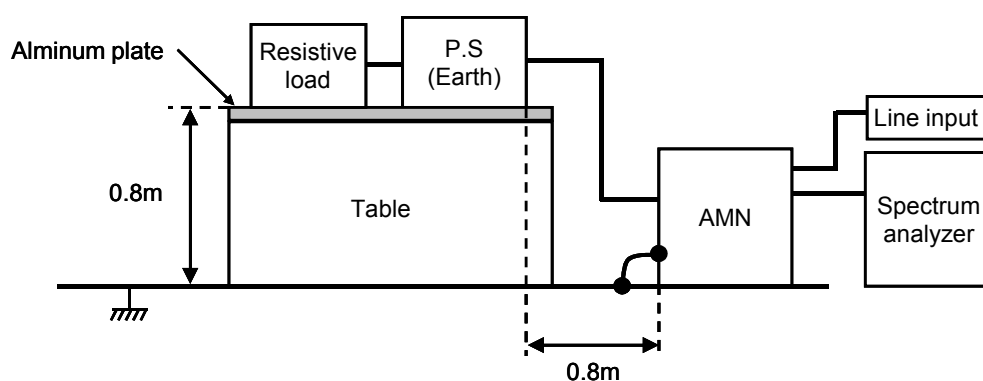


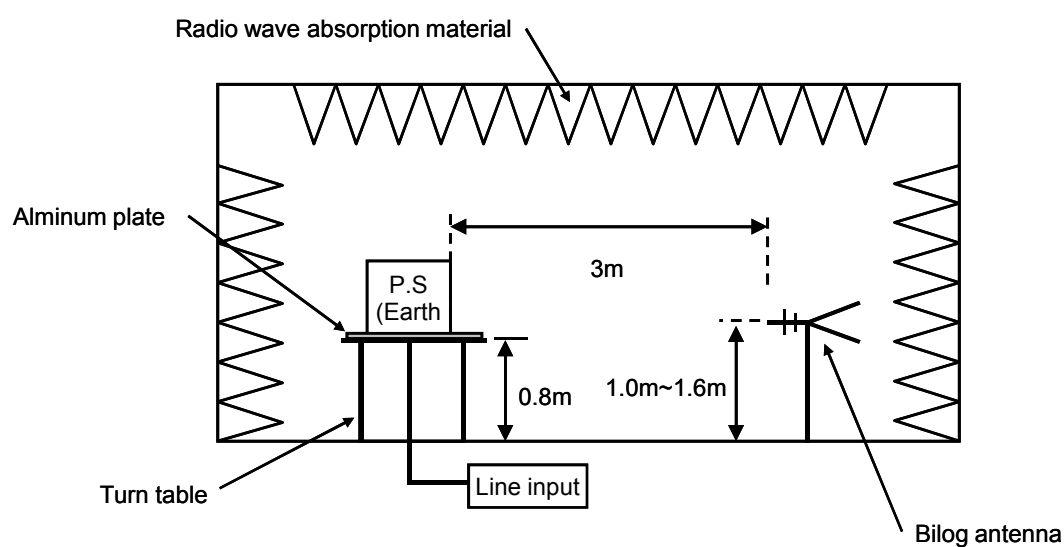
DATA SHEET							Date	18-Apr-09																																														
Model	DHS50B12						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	S.SAWADA																																														
LINE CONDUCTION																																																						
Model Name : DHS50B12			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/4/18 4:50																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP/Ave.			Load Line : 100mm																																																			
Line Mode : VA/VB			Comment : S.SAWADA																																																			
Power Supply : AC 230V 50Hz																																																						
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.) AC 230V 50Hz																																															
<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>0.4631</td><td>27.3</td><td>40</td><td>10.1</td><td>37.4</td><td>50.1</td><td>VA</td><td>66</td><td>79</td><td>28.6</td><td>28.9</td></tr><tr><td>19.0023</td><td>29.8</td><td>36.6</td><td>10.8</td><td>40.6</td><td>47.4</td><td>VB</td><td>60</td><td>73</td><td>19.4</td><td>25.6</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]	0.4631	27.3	40	10.1	37.4	50.1	VA	66	79	28.6	28.9	19.0023	29.8	36.6	10.8	40.6	47.4	VB	60	73	19.4	25.6											
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 : DHS50B12			Temp. : 25																																																			
Model No. :			Humi. : 45																																																			
Serial No. :			Date : 2009/5/15 20:13																																																			
Points : 3			Test Equip. : R3132,ESPC																																																			
Detector : PEAK/QP			Load Line : 100mm																																																			
Polarization : Hori. & Vert.			Comment :																																																			
Power Supply : AC 230V 50Hz																																																						
Limit: [EN 55022] Class A<3m>																																																						
							Limit(QP) Limit(QP)(-10dB) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP) AC 230V 50Hz																																															
<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>77.502</td><td>69</td><td>BL</td><td>6.7</td><td>-31.9</td><td>43.8</td><td>57</td><td>150</td><td>Hori.</td><td>50</td><td>6.2</td></tr><tr><td>66.873</td><td>51.8</td><td>BL</td><td>5</td><td>-32</td><td>24.8</td><td>251</td><td>109</td><td>Hori.</td><td>50</td><td>25.2</td></tr><tr><td>63.929</td><td>58.4</td><td>BL</td><td>4.8</td><td>-32</td><td>31.2</td><td>316</td><td>108</td><td>Vert.</td><td>50</td><td>18.8</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]	77.502	69	BL	6.7	-31.9	43.8	57	150	Hori.	50	6.2	66.873	51.8	BL	5	-32	24.8	251	109	Hori.	50	25.2	63.929	58.4	BL	4.8	-32	31.2	316	108	Vert.	50	18.8
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]																																												
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DATA SHEET		Date	18-Apr-09
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.SAWADA

1. Line conduction



2. Radiated emission



Test: EMI

Model Name:DHS50B/DHS100B Series

○ Photographs of Test Set-Up

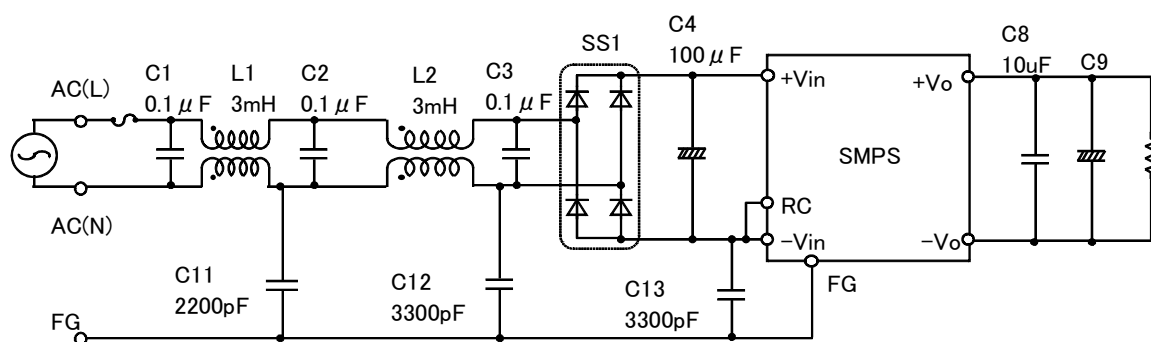
LINE CONDUCTION



RADIATED EMISSION



○ Test circuit



L1,L2 : SC-02-300(NEC TOKIN)
 SS1 : D3SBA60(SINDENGEN)
 C9 : DHS50B03/DHS100B03 2200 μ F
 DHS50B05/DHS100B05 2200 μ F
 DHS50B12/DHS100B12 470 μ F
 DHS50B15/DHS100B15 470 μ F
 DHS50B24/DHS100B24 220 μ F
 DHS50B28/DHS100B28 220 μ F