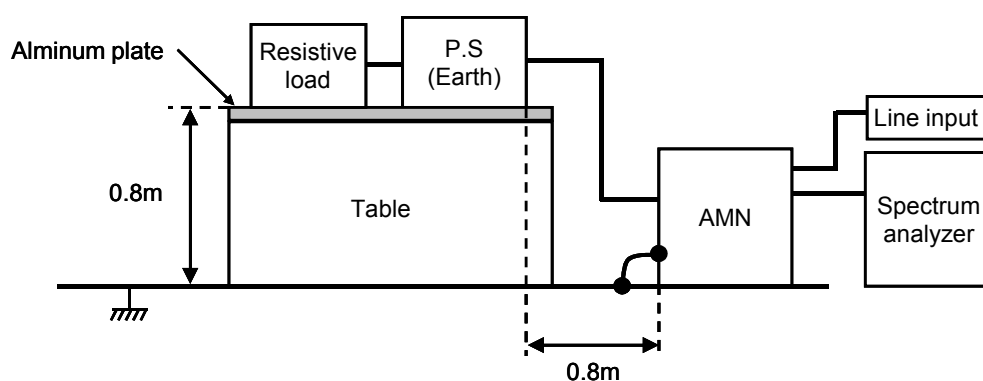


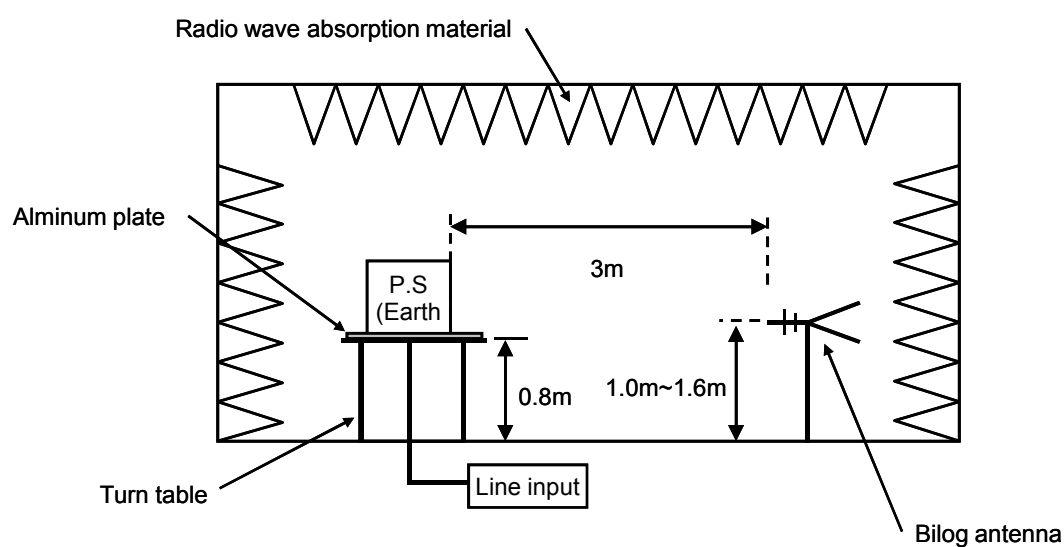
DATA SHEET							Date	14-Apr-09																																														
Model	DHS100B28						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	S.SAWADA																																														
LINE CONDUCTION																																																						
Model Name : DHS100B28			Temp. : 25			Humi. : 45																																																
Model No. :			Date : 2009/4/14 20:14			Test Equip. : R3132,ESPC																																																
Serial No. :			Load Line : 100mm			Comment : S.SAWADA																																																
Points : 3																																																						
Detector : PEAK/QP/Ave.																																																						
Line Mode : VA/VB																																																						
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 28V 3.6A																																															
<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>0.1501</td><td>27.8</td><td>54.2</td><td>9.8</td><td>37.6</td><td>64</td><td>VA</td><td>66</td><td>79</td><td>28.4</td><td>15</td></tr><tr><td>0.1661</td><td>23.9</td><td>47.5</td><td>9.8</td><td>33.7</td><td>57.3</td><td>VA</td><td>66</td><td>79</td><td>32.3</td><td>21.7</td></tr><tr><td>0.1628</td><td>24.6</td><td>48.6</td><td>9.8</td><td>34.4</td><td>58.4</td><td>VB</td><td>66</td><td>79</td><td>31.6</td><td>20.6</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]	0.1501	27.8	54.2	9.8	37.6	64	VA	66	79	28.4	15	0.1661	23.9	47.5	9.8	33.7	57.3	VA	66	79	32.3	21.7	0.1628	24.6	48.6	9.8	34.4	58.4	VB	66	79	31.6	20.6
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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0.1628	24.6	48.6	9.8	34.4	58.4	VB	66	79	31.6	20.6																																												
RADIATED EMISSION																																																						
Model Name : DHS100B28			Temp. : 25			Humi. : 45																																																
Model No. :			Date : 2009/4/14 19:50			Test Equip. : R3132,ESPC																																																
Serial No. :			Load Line : 100mm			Comment : S.SAWADA																																																
Points : 3																																																						
Detector : PEAK/QP																																																						
Polarization : Hori. & Vert.																																																						
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 28V 3.6A																																															
<table><tr><th>Frequency [MHz]</th><th>Meter Reading (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>109.386</td><td>62.6</td><td>BL</td><td>10.6</td><td>-31.7</td><td>41.5</td><td>328</td><td>159</td><td>Hori.</td><td>50</td><td>8.5</td></tr><tr><td>59.801</td><td>72.1</td><td>BL</td><td>4.7</td><td>-32</td><td>44.8</td><td>0</td><td>113</td><td>Vert.</td><td>50</td><td>5.2</td></tr></table>											Frequency [MHz]	Meter Reading (QP) [dBuV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBuV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	109.386	62.6	BL	10.6	-31.7	41.5	328	159	Hori.	50	8.5	59.801	72.1	BL	4.7	-32	44.8	0	113	Vert.	50	5.2											
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DATA SHEET		Date	14-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

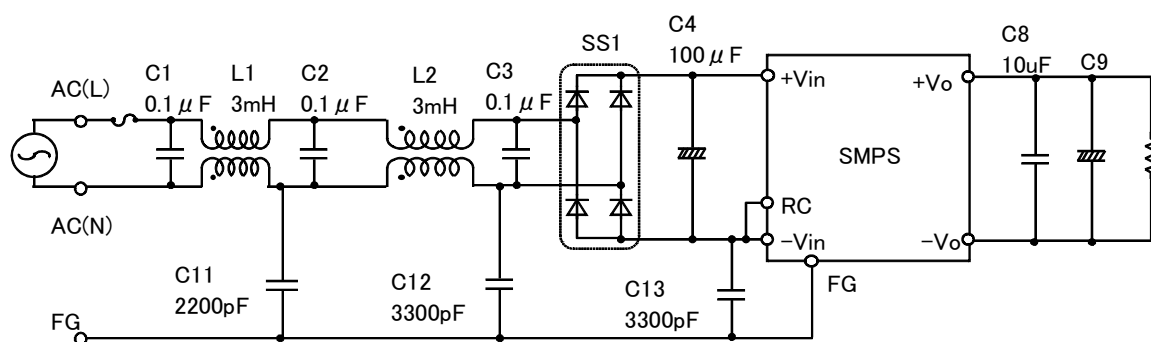
LINE CONDUCTION



RADIATED EMISSION



○ Test circuit



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