

DATA SHEET							Date	16-Oct-09																																														
Model	DHS250B03						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	D.TSUCHIDA																																														
LINE CONDUCTION																																																						
Model Name : DHS250B03				Temp. : 25°C																																																		
Model No. :				Humi. : 45%																																																		
Serial No. :				Date : 2009/10/16 21:58																																																		
Points : 3				Test Equip. : R3132, ESPC																																																		
Detector : PEAK/QP/Ave.				Load Line : 100mm																																																		
Line Mode : VA/VB				Comment : D. TSUCHIDA																																																		
Power Supply : AC 230V 50Hz																																																						
Limit1: [EN 55011] Class A Gr. 1 (QP)																																																						
Limit2: [EN 55011] Class A Gr. 1 (Ave.)																																																						
							AC 230V 50Hz																																															
<table><tr><th>Frequency [MHz]</th><th>Meter Reading (Ave.) [dBμV]</th><th>Meter Reading (QP) [dBμV]</th><th>Factor [dB]</th><th>Level(Ave.) [dBμV]</th><th>Level(QP) [dBμV]</th><th>Line</th><th>Limit(Ave.) [dBμV]</th><th>Limit(QP) [dBμV]</th><th>Margin(Ave.) [dB]</th><th>Margin(QP) [dB]</th></tr><tr><td>0.1764</td><td>26.6</td><td>48.9</td><td>9.8</td><td>36.4</td><td>58.7</td><td>VA</td><td>66</td><td>79</td><td>29.6</td><td>20.3</td></tr><tr><td>28.1457</td><td>23.5</td><td>33.9</td><td>10.4</td><td>33.9</td><td>44.3</td><td>VA</td><td>60</td><td>73</td><td>26.1</td><td>28.7</td></tr><tr><td>0.1763</td><td>26.7</td><td>49.2</td><td>9.8</td><td>36.5</td><td>59</td><td>VB</td><td>66</td><td>79</td><td>29.5</td><td>20</td></tr></table>											Frequency [MHz]	Meter Reading (Ave.) [dBμV]	Meter Reading (QP) [dBμV]	Factor [dB]	Level(Ave.) [dBμV]	Level(QP) [dBμV]	Line	Limit(Ave.) [dBμV]	Limit(QP) [dBμV]	Margin(Ave.) [dB]	Margin(QP) [dB]	0.1764	26.6	48.9	9.8	36.4	58.7	VA	66	79	29.6	20.3	28.1457	23.5	33.9	10.4	33.9	44.3	VA	60	73	26.1	28.7	0.1763	26.7	49.2	9.8	36.5	59	VB	66	79	29.5	20
Frequency [MHz]	Meter Reading (Ave.) [dBμV]	Meter Reading (QP) [dBμV]	Factor [dB]	Level(Ave.) [dBμV]	Level(QP) [dBμV]	Line	Limit(Ave.) [dBμV]	Limit(QP) [dBμV]	Margin(Ave.) [dB]	Margin(QP) [dB]																																												
0.1764	26.6	48.9	9.8	36.4	58.7	VA	66	79	29.6	20.3																																												
28.1457	23.5	33.9	10.4	33.9	44.3	VA	60	73	26.1	28.7																																												
0.1763	26.7	49.2	9.8	36.5	59	VB	66	79	29.5	20																																												
RADIATED EMISSION																																																						
Model Name : DHS250B03				Temp. : 25°C																																																		
Model No. :				Humi. : 45%																																																		
Serial No. :				Date : 2009/10/17 18:05																																																		
Points : 4				Test Equip. : R3132, ESPC																																																		
Detector : PEAK/QP				Load Line : 100mm																																																		
Polarization : Hori. & Vert.				Comment : D. TSUCHIDA																																																		
Power Supply : AC230V 50Hz																																																						
Limit: [EN 55011] Class A Group 1<3m>																																																						
							AC 230V 50Hz																																															
<table><tr><th>Frequency [MHz]</th><th>Meter Reading (QP) [dBμV]</th><th>Ant. Type</th><th>Antenna Factor [dB/m]</th><th>Cable & Preamp [dB]</th><th>Level(QP) [dBμV/m]</th><th>Angle [°]</th><th>Height [cm]</th><th>Polar.</th><th>Limit [dBμV/m]</th><th>Margin [dB]</th></tr><tr><td>103.744</td><td>58.1</td><td>BL</td><td>10.1</td><td>-26.3</td><td>41.9</td><td>164</td><td>144</td><td>Hori.</td><td>50</td><td>8.1</td></tr><tr><td>40.58</td><td>61.1</td><td>BL</td><td>12.7</td><td>-30.8</td><td>43</td><td>145</td><td>102</td><td>Vert.</td><td>50</td><td>7</td></tr><tr><td>122.405</td><td>57.8</td><td>BL</td><td>11</td><td>-29.9</td><td>38.9</td><td>122</td><td>146</td><td>Vert.</td><td>50</td><td>11.1</td></tr></table>											Frequency [MHz]	Meter Reading (QP) [dBμV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBμV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBμV/m]	Margin [dB]	103.744	58.1	BL	10.1	-26.3	41.9	164	144	Hori.	50	8.1	40.58	61.1	BL	12.7	-30.8	43	145	102	Vert.	50	7	122.405	57.8	BL	11	-29.9	38.9	122	146	Vert.	50	11.1
Frequency [MHz]	Meter Reading (QP) [dBμV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBμV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBμV/m]	Margin [dB]																																												
103.744	58.1	BL	10.1	-26.3	41.9	164	144	Hori.	50	8.1																																												
40.58	61.1	BL	12.7	-30.8	43	145	102	Vert.	50	7																																												
122.405	57.8	BL	11	-29.9	38.9	122	146	Vert.	50	11.1																																												

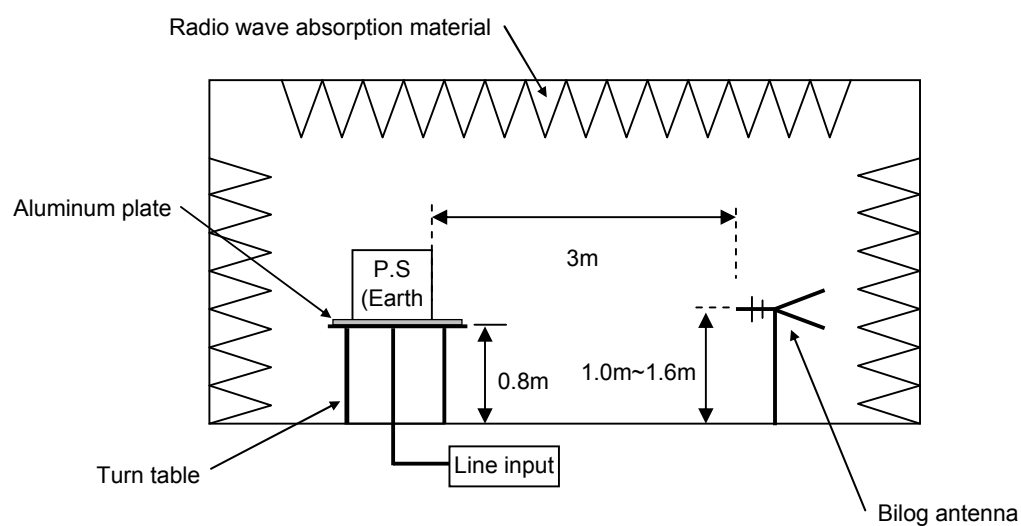
DATA SHEET

Model	Circuit used for measurement
Test	EMI Line conduction & Radiated emission

1. Line conduction



2. Radiated emission

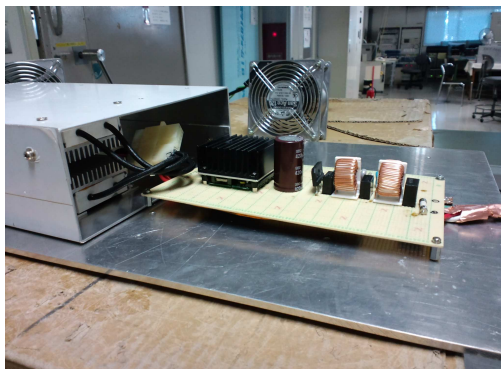


Test: EMI

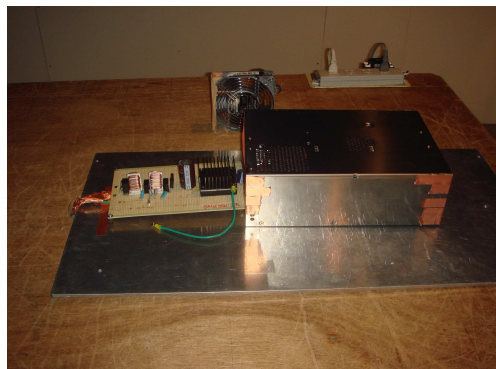
Model Name:DHS250B Series

○ Photographs of Test Set-Up

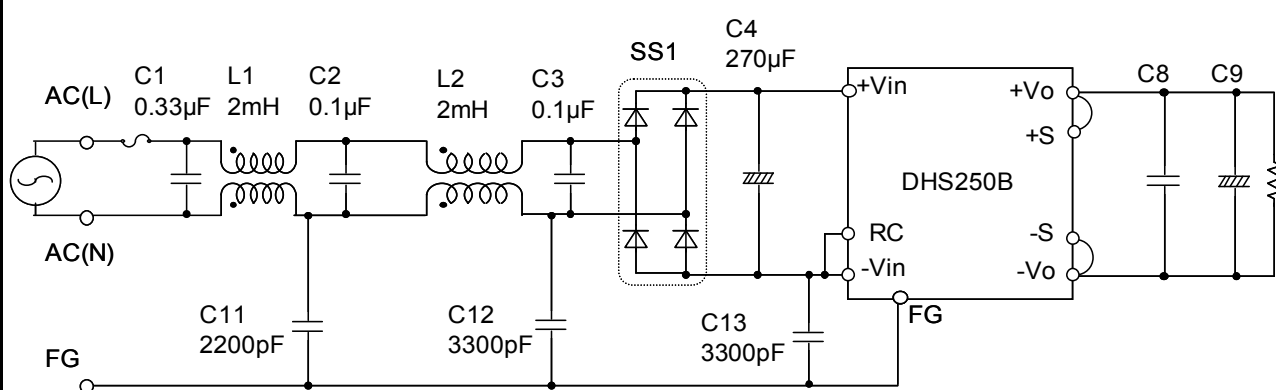
LINE CONDUCTION



RADIATED EMISSION



○ Test circuit



L1,L2 : SC-05-200(NEC TOKIN)

SS1 : D10XB60(SINDENGEN)

C8 : DHS250B03 10μF
 DHS250B05 10μF
 DHS250B07 10μF
 DHS250B12 10μF
 DHS250B15 10μF
 DHS250B24 4.7μF
 DHS250B28 4.7μF
 DHS250B48 2.2μF

C9 : DHS250B03 2200μF
 DHS250B05 2200μF
 DHS250B07 2200μF
 DHS250B12 1000μF
 DHS250B15 1000μF
 DHS250B24 470μF
 DHS250B28 470μF
 DHS250B48 330μF