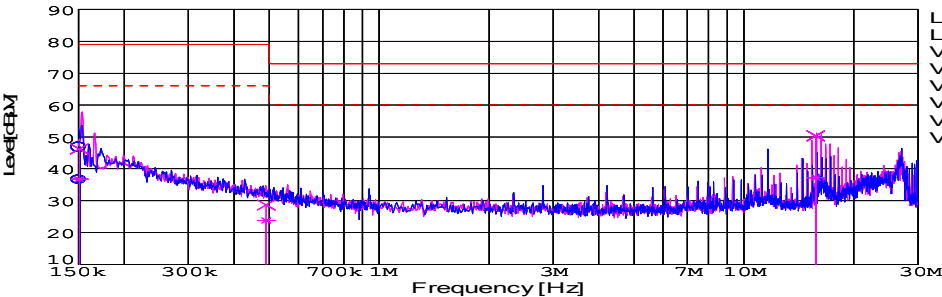
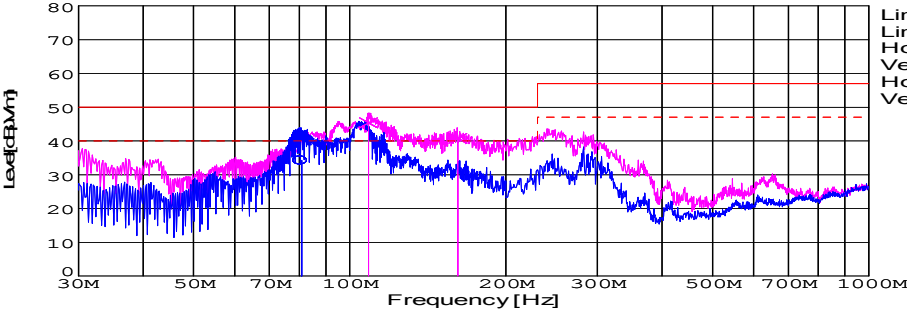
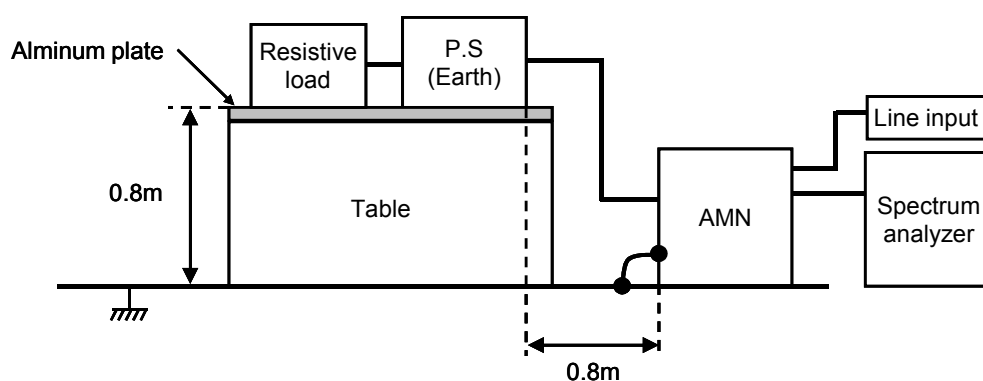


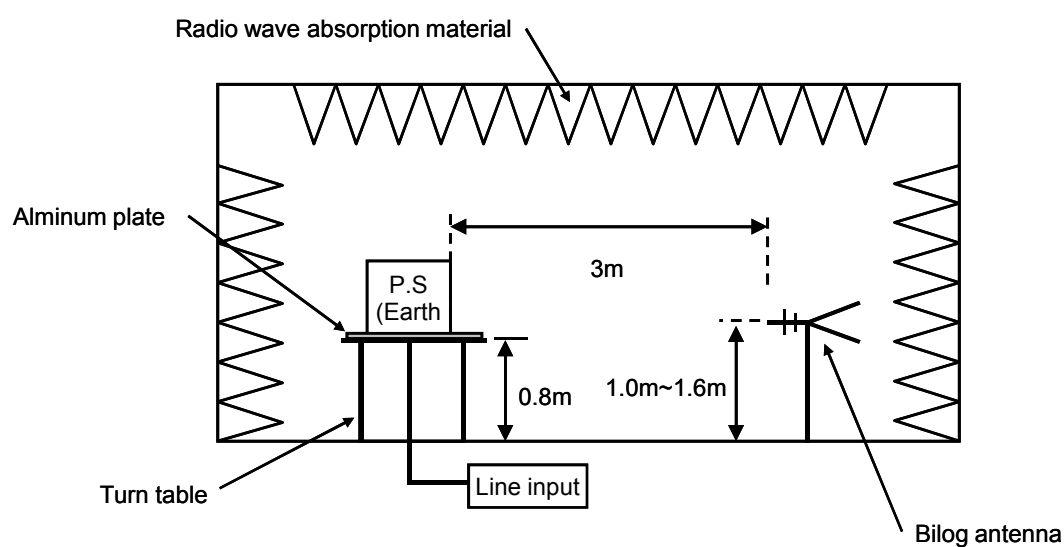
| DATA SHEET | | | | | | | Date | 18-Apr-09 | | |
|--|--|---------------------------|--------------------------|---------------------|--------------------|-----------|---|------------------|-------------------|-----------------|
| Model | DHS50B24 | | | | | | Temp. | 25 degreeC | | |
| Test | EMI Line conduction & Radiated emission | | | | | | Humid. | 45 %RH | | |
| | | | | | | | Tested by | S.SAWADA | | |
| LINE CONDUCTION | | | | | | | | | | |
| Model Name : DHS50B24 | | | Temp. : 25 | | | | | | | |
| Model No. : | | | Humi. : 45 | | | | | | | |
| Serial No. : | | | Date : 2009/4/18 2:57 | | | | | | | |
| Points : 4 | | | 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 | | | |
| 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] |
| 0.1513 | 26.5 | 36.7 | 10 | 36.5 | 46.7 | VA | 66 | 79 | 29.5 | 32.3 |
| 0.1506 | 26.7 | 36.2 | 10 | 36.7 | 46.2 | VB | 66 | 79 | 29.3 | 32.8 |
| 0.4903 | 13.7 | 18.6 | 10.1 | 23.8 | 28.7 | VB | 66 | 79 | 42.2 | 50.3 |
| 15.7473 | 26.5 | 39.6 | 10.7 | 37.2 | 50.3 | VB | 60 | 73 | 22.8 | 22.7 |
| RADIATED EMISSION | | | | | | | | | | |
| Model Name : DHS50B24 | | | Temp. : 25 | | | | | | | |
| Model No. : | | | Humi. : 45 | | | | | | | |
| Serial No. : | | | Date : 2009/4/23 12:09 | | | | | | | |
| Points : 3 | | | Test Equip. : R3132,ESPC | | | | | | | |
| Detector : PEAK/QP | | | Load Line : 100mm | | | | | | | |
| Polarization : Hori. & Vert. | | | Comment : S.SAWADA | | | | | | | |
| 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 | | | |
| 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] |
| 108.683 | 66.5 | BL | 10.6 | -31.7 | 45.4 | 48 | 117 | Vert. | 50 | 4.6 |
| 161.54 | 62.6 | BL | 9.7 | -31.5 | 40.8 | 165 | 160 | Vert. | 50 | 9.2 |

| 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

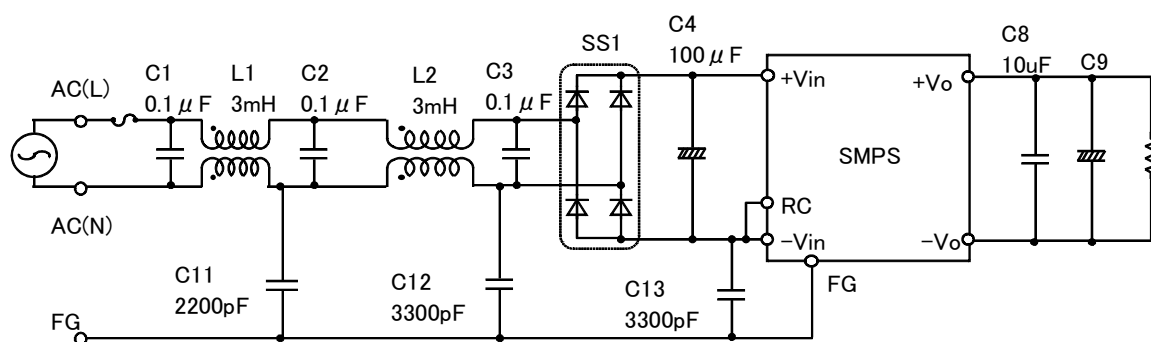
LINE CONDUCTION



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 |