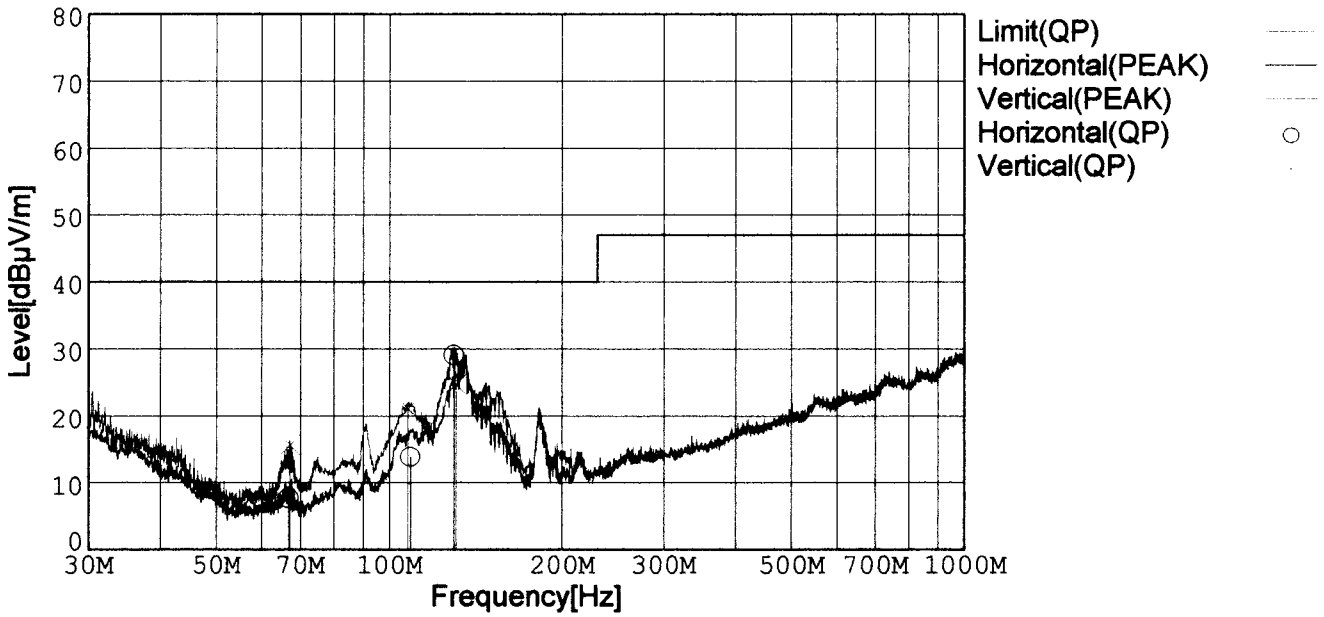
参考資料

COSEL

# RADIATED EMISSION

| | | | | | |
|---|---|---|---|---|---|
| Model Name | : | CBS2002403 | Temp. | : | 25degC |
| Model No. | : | | Humi. | : | 40% |
| Serial No. | : | | Date | : | 2002/3/12 0:11 |
| Points | : | 3 | Test Equip. | : | R3132,ESPC |
| Detector | : | PEAK/QP | Comment | : | Vo=3.3V, Io=35A |
| Polarization | : | Hori. & Vert. | Tested by | : | T.Oiwake |
| Power Supply | : | DC 24V | | | |

Limit: [EN 55022] Class B<3m>




| 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] |
|---|---|---|---|---|---|---|---|---|---|---|
| 66.781 | 34.5 | BL | 5.0 | -31.8 | 7.7 | 184 | 153 | Hori. | 40.0 | 32.3 |
| 108.648 | 34.8 | BL | 10.6 | -31.5 | 13.9 | 60 | 139 | Hori. | 40.0 | 26.1 |
| 129.454 | 49.3 | BL | 11.2 | -31.4 | 29.1 | 107 | 151 | Hori. | 40.0 | 10.9 |
| 67.141 | 42.3 | BL | 5.1 | -31.8 | 15.6 | 240 | 118 | Vert. | 40.0 | 24.4 |
| 107.589 | 42.1 | BL | 10.5 | -31.6 | 21.0 | 320 | 136 | Vert. | 40.0 | 19.0 |
| 130.547 | 44.9 | BL | 11.2 | -31.4 | 24.7 | 19 | 146 | Vert. | 40.0 | 15.3 |

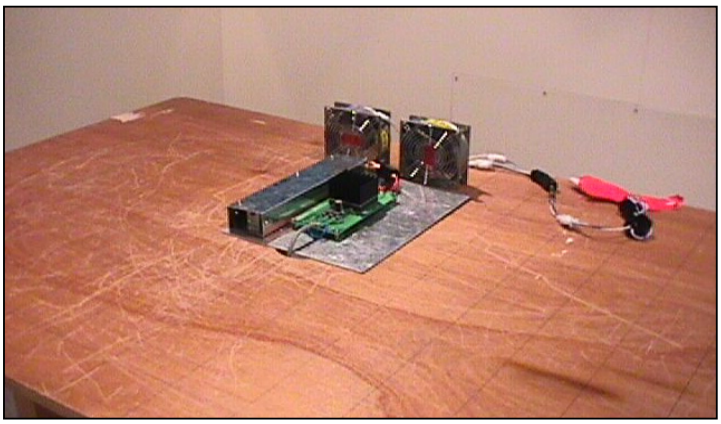
BL: Biconi-Log

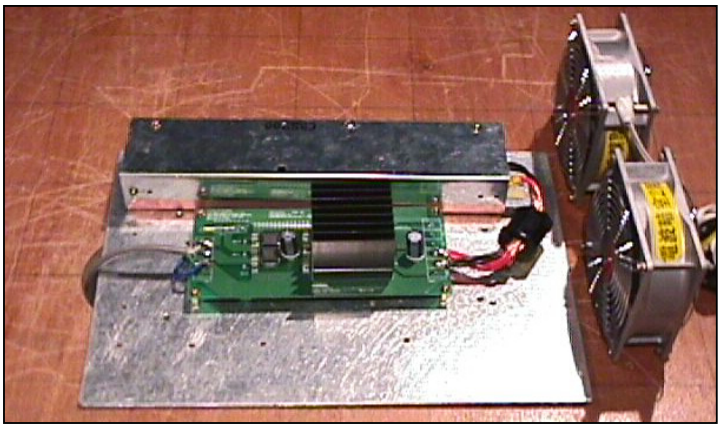
## Conditions

Date 2002/4/17

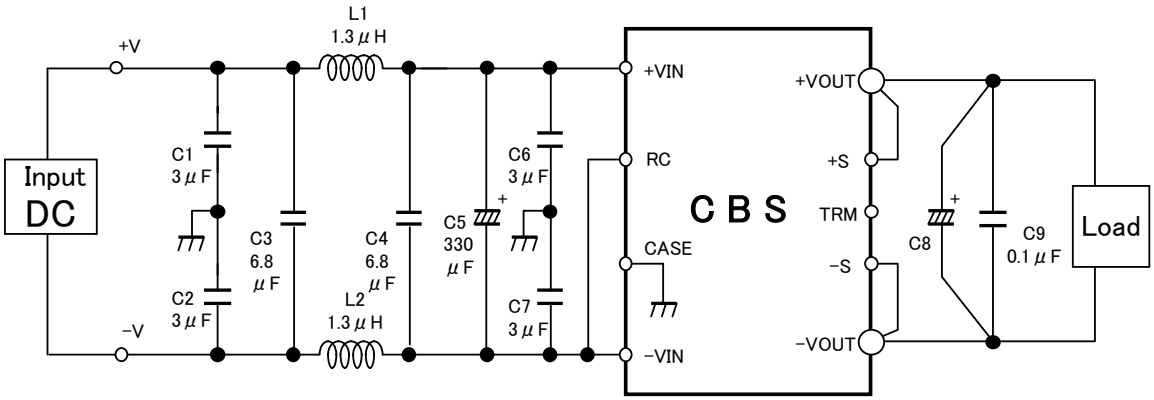
Test : RADIATED EMISSION
Model Name : CBS20024

○Photographs of Test Set-Up





○Testing circuitry



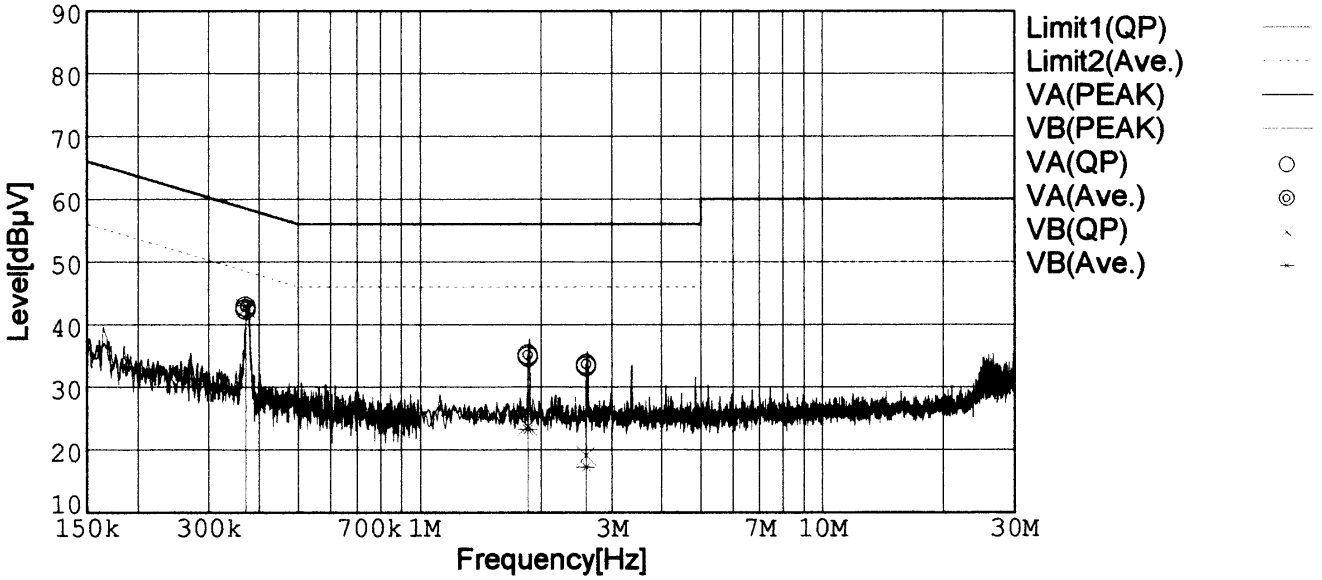

| | |
|---|---|
| L1、L2 | : ETQP6F1R3LFA(MATSUSHITA) |
| C1、C2、C6、C7 | : CY55Y5P2A305M(TOKIN) |
| C3、C4 | : CY55Y5U2A685S(TOKIN) |
| C5 | : 50V 330μF PMseries (nichicon) |
| C8 | : CBS2002403/05 10V 2200μF LXZseries (NIPPON CHEMI-CON) |
| | CBS2002412/15 25V 1000μF LXZseries (NIPPON CHEMI-CON) |
| | CBS2002424/28 35V 470μF LXZseries (NIPPON CHEMI-CON) |
| C9 | :MDD21H104M (Nitsuko) |

Fig. Testing circuitry

# LINE CONDUCTION

| | | | | | |
|---|---|---|---|---|---|
| Model Name | : | CBS2002403 | Temp. | : | 25degC |
| Model No. | : | | Humi. | : | 40% |
| Serial No. | : | | Date | : | 2002/3/5 2:20 |
| Points | : | 3 | Test Equip. | : | R3132,ESPC |
| Detector | : | PEAK/QP/Ave. | Comment | : | Vo=3.3V, Io=35A |
| Line Mode | : | VA/VB | Tested by | : | T.Oiwake |
| Power Supply | : | DC 24V | | | |

Limit1: [EN 55022] Class B(QP)
Limit2: [EN 55022] Class B(Ave.)



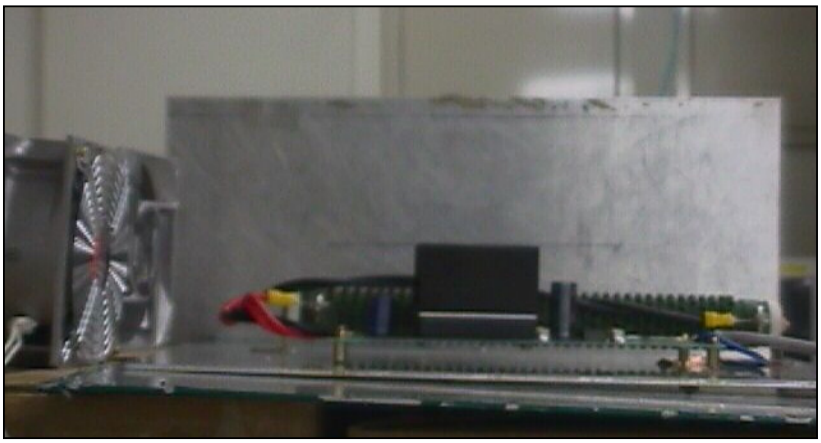

| Frequency [MHz] | Meter Reading (QP) [dBµV] | Meter Reading (Ave.) [dBµV] | Factor [dB] | Level (QP) [dBµV] | Level (Ave.) [dBµV] | Line | Limit (QP) [dBµV] | Limit (Ave.) [dBµV] | Margin (QP)[dB] | Margin (Ave.) [dB] |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.3700 | 32.6 | 33.1 | 9.8 | 42.4 | 42.9 | VA | 58.5 | 48.5 | 16.1 | 5.6 |
| 1.8515 | 24.9 | 25.2 | 9.9 | 34.8 | 35.1 | VA | 56.0 | 46.0 | 21.2 | 10.9 |
| 2.5887 | 23.4 | 23.8 | 9.9 | 33.3 | 33.7 | VA | 56.0 | 46.0 | 22.7 | 12.3 |
| 0.3698 | 32.8 | 33.2 | 9.8 | 42.6 | 43.0 | VB | 58.5 | 48.5 | 15.9 | 5.5 |
| 1.8498 | 13.9 | 13.3 | 9.9 | 23.8 | 23.2 | VB | 56.0 | 46.0 | 32.2 | 22.8 |
| 2.5874 | 9.2 | 7.4 | 9.9 | 19.1 | 17.3 | VB | 56.0 | 46.0 | 36.9 | 28.7 |

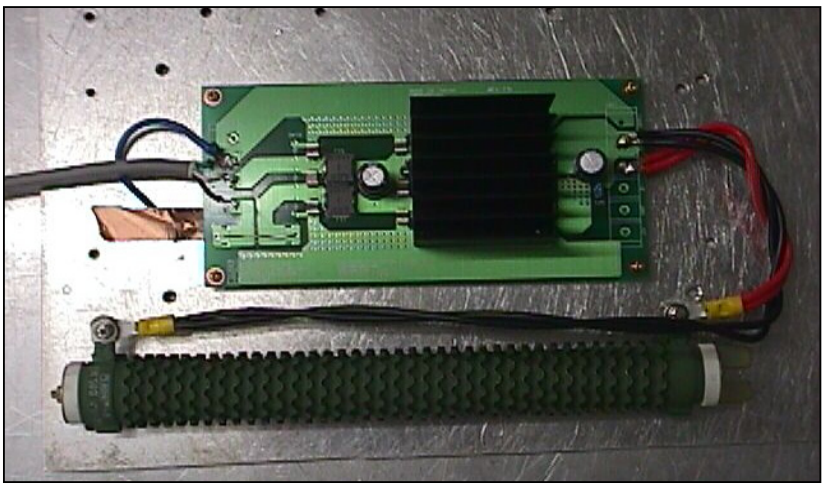
## Conditions

Date 2002/4/17

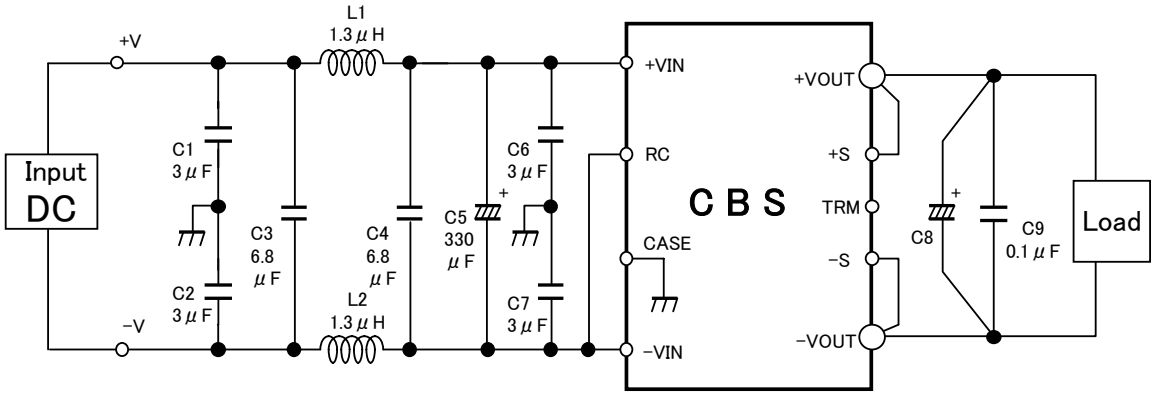
Test : LINE CONDUCTION
Model Name : CBS20024

○Photographs of Test Set-Up





○Testing circuitry

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| | CBS2002424/28 35V 470μF LXZseries (NIPPON CHEMI-CON) |
| C9 | : MDD21H104M (Nitsuko) |

Fig. Testing circuitry