



RADIATED EMISSION

Model Name : CBS502415

Model No. :

Serial No. :

Points : 2

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : T.Oiwake

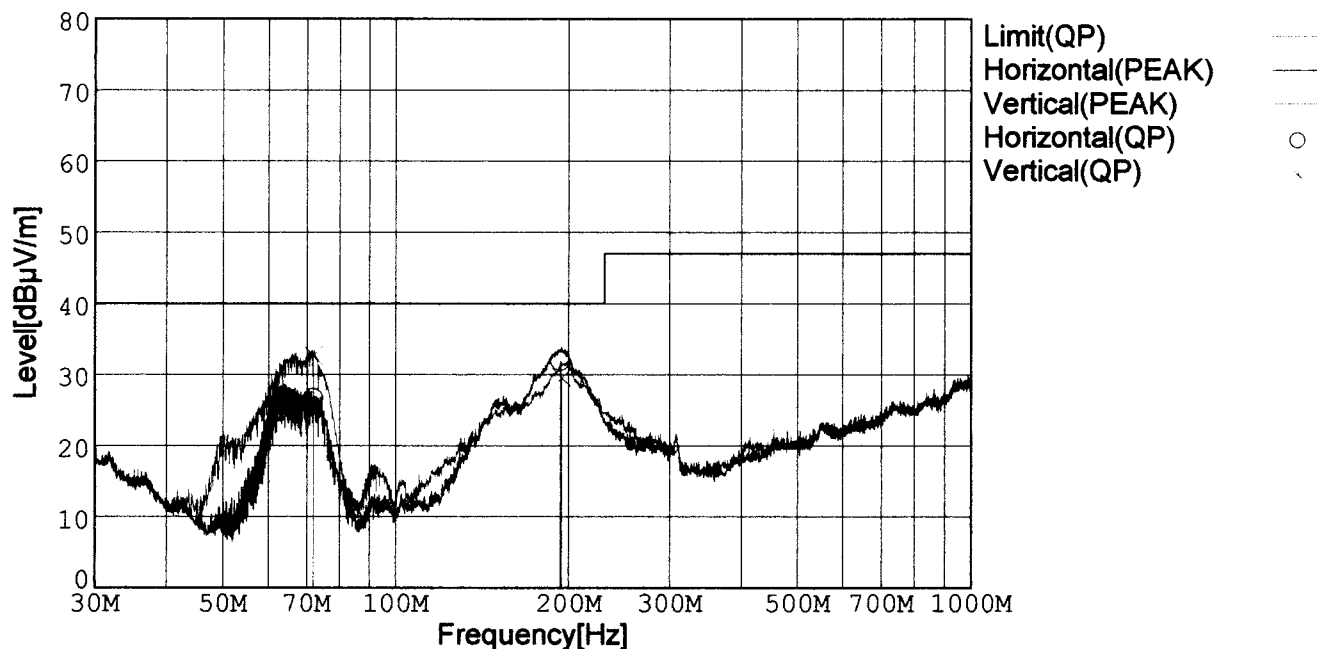
Temp. : 25degC

Humi. : 40%

Date : 2002/7/18 15:08

Test Equip. : R3132,ESPC

Comment : DC 24V, Io=3.4A



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]
71.870	52.7	BL	5.8	-31.8	26.7	291	156	Hori.	40.0	13.3
193.593	54.7	BL	8.4	-31.2	31.9	257	147	Hori.	40.0	8.1
71.838	58.7	BL	5.8	-31.8	32.7	10	110	Vert.	40.0	7.3
194.658	52.3	BL	8.4	-31.2	29.5	63	108	Vert.	40.0	10.5

BL: Biconi-Log

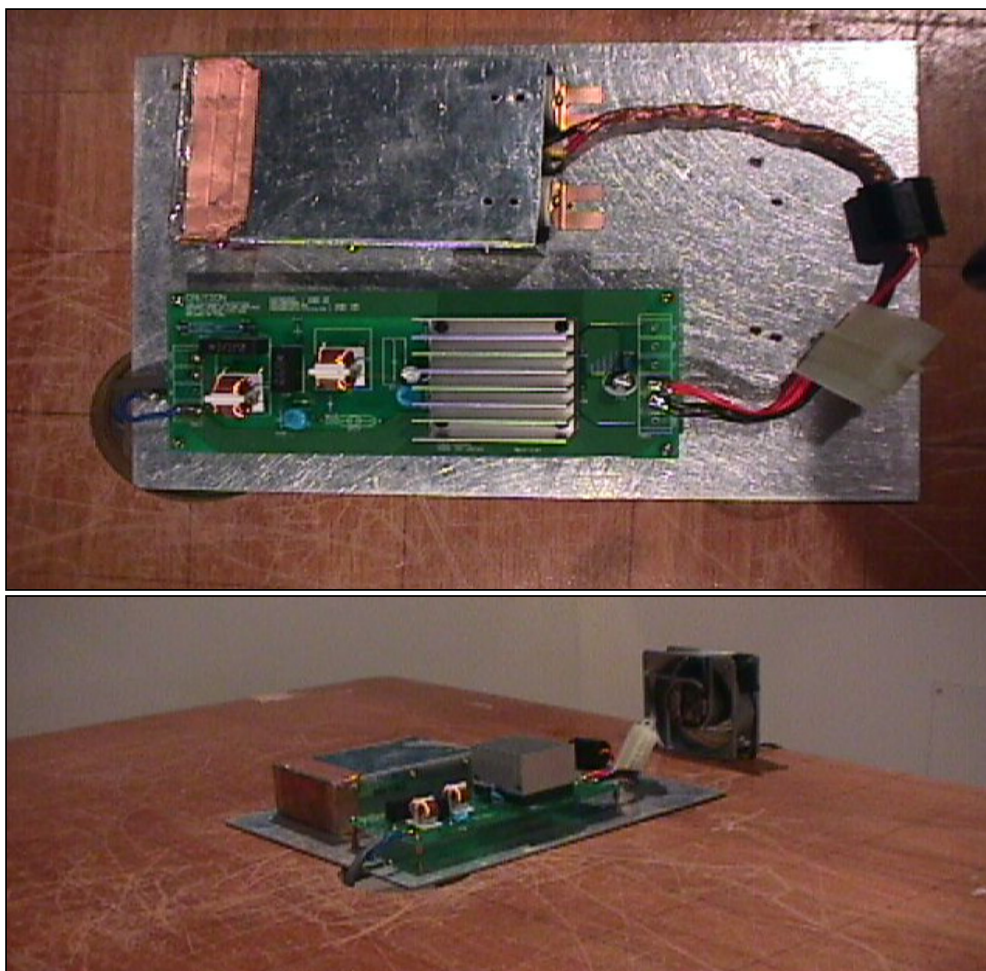
Conditions

Date 2002/7/19

Test : RADIATED EMISSION

Model Name : CBS502403/15/24

○Photographs of Test Set-Up



○Testing circuitry

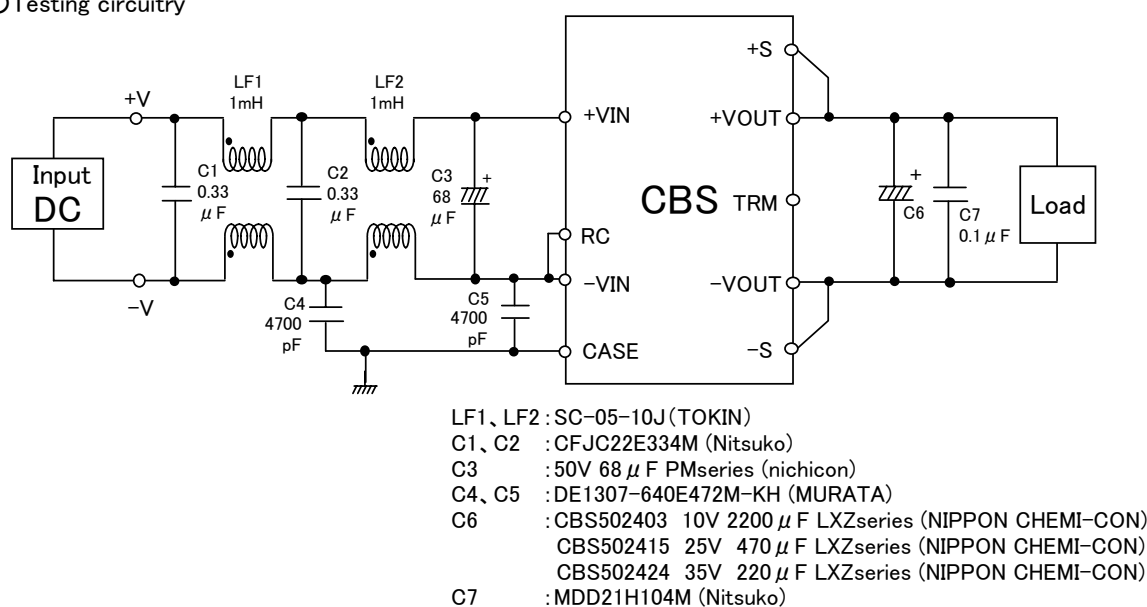


Fig. Testing circuitry



LINE CONDUCTION

Model Name : CBS502415

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Limit1: [EN 55022] Class B(QP)

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

Tested by : T.Oiwake

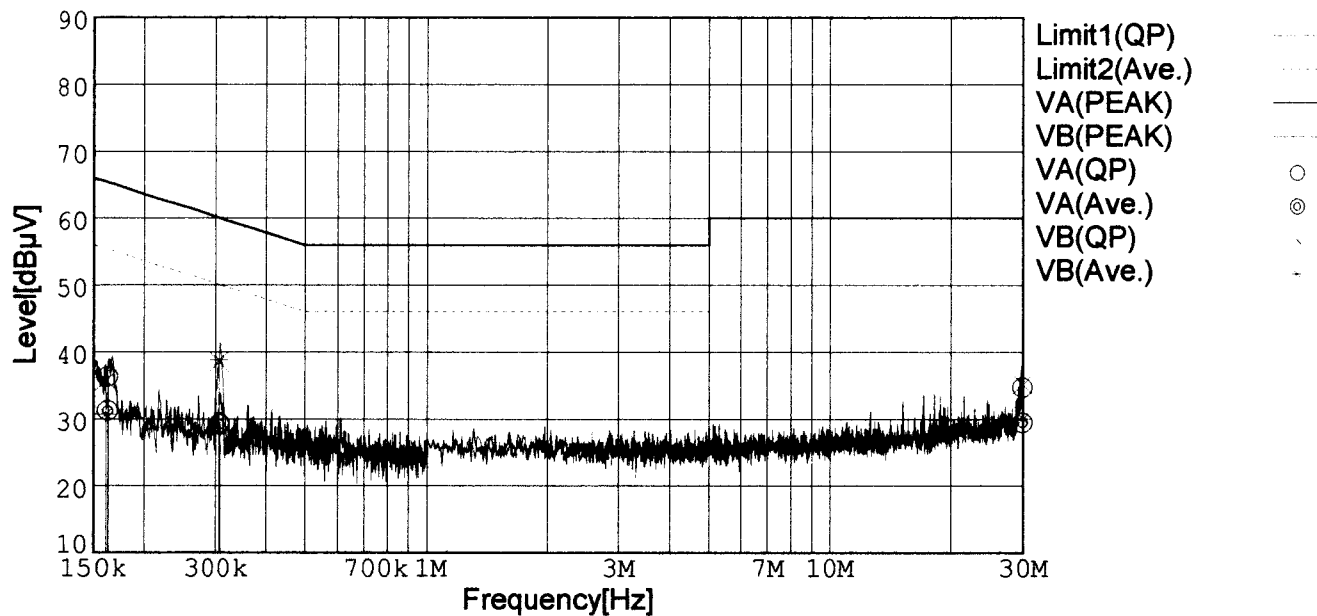
Temp. : 25degC

Humi. : 40%

Date : 2002/7/17 10:54

Test Equip. : R3132,ESPC

Comment : DC 24V, Io=3.4A



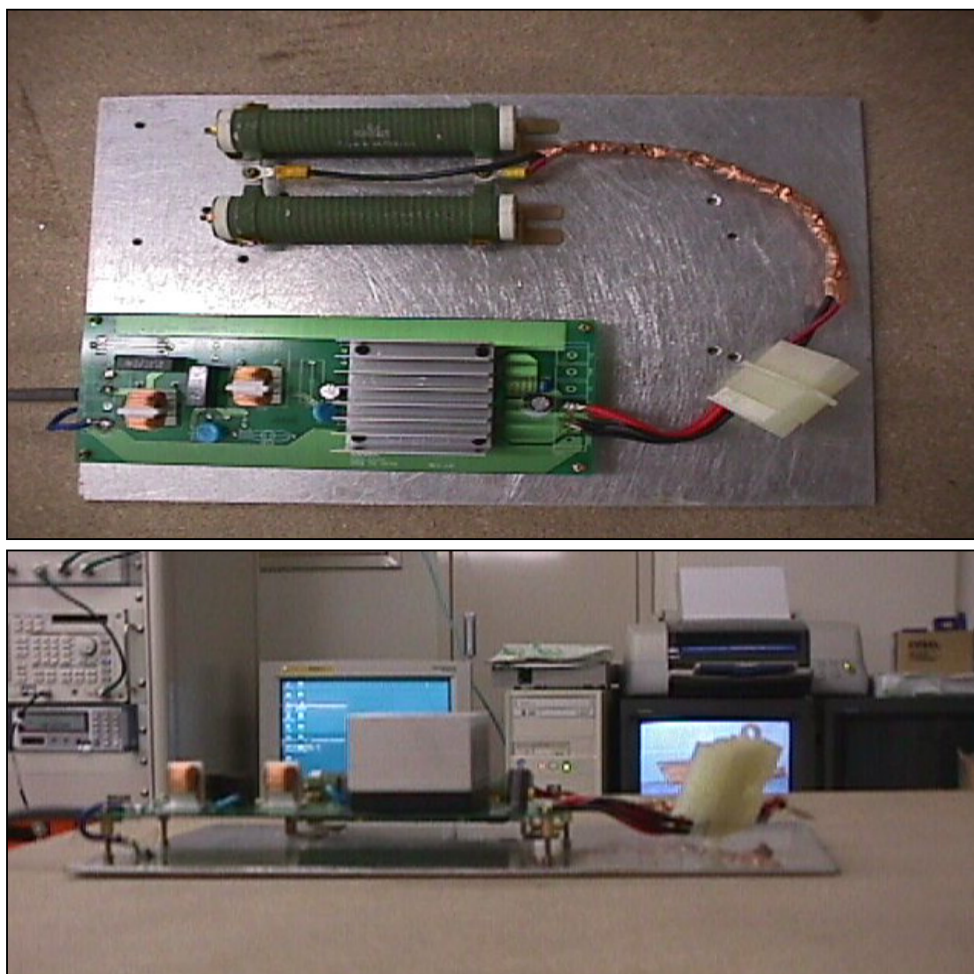
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.1618	26.5	21.4	9.8	36.3	31.2	VA	65.4	55.4	29.1	24.2
0.3079	19.6	19.4	9.8	29.4	29.2	VA	60.0	50.0	30.6	20.8
29.9996	24.3	19.1	10.4	34.7	29.5	VA	60.0	50.0	25.3	20.5
0.1600	25.9	20.9	9.8	35.7	30.7	VB	65.5	55.5	29.8	24.8
0.3063	28.7	29.0	9.8	38.5	38.8	VB	60.1	50.1	21.6	11.3
29.9999	24.8	19.6	10.4	35.2	30.0	VB	60.0	50.0	24.8	20.0

Conditions

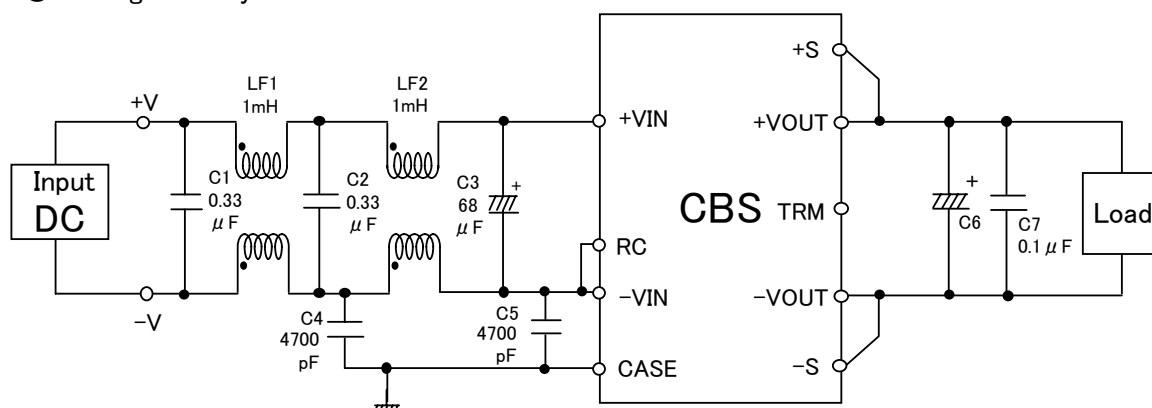
Date 2002/7/19

Test : LINE CONDUCTION
 Model Name : CBS502403/15/24

○Photographs of Test Set-Up



○Testing circuitry



LF1、LF2: SC-05-10J (TOKIN)
 C1、C2 : CFJC22E334M (Nitsuko)
 C3 : 50V 68 μ F PMseries (nichicon)
 C4、C5 : DE1307-640E472M-KH (MURATA)
 C6 : CBS502403 10V 2200 μ F LXZseries (NIPPON CHEMI-CON)
 CBS502415 25V 470 μ F LXZseries (NIPPON CHEMI-CON)
 CBS502424 35V 220 μ F LXZseries (NIPPON CHEMI-CON)
 C7 : MDD21H104M (Nitsuko)

Fig. Testing circuitry