



RADIATED EMISSION

Model Name : CBS502403

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : T.Oiwake

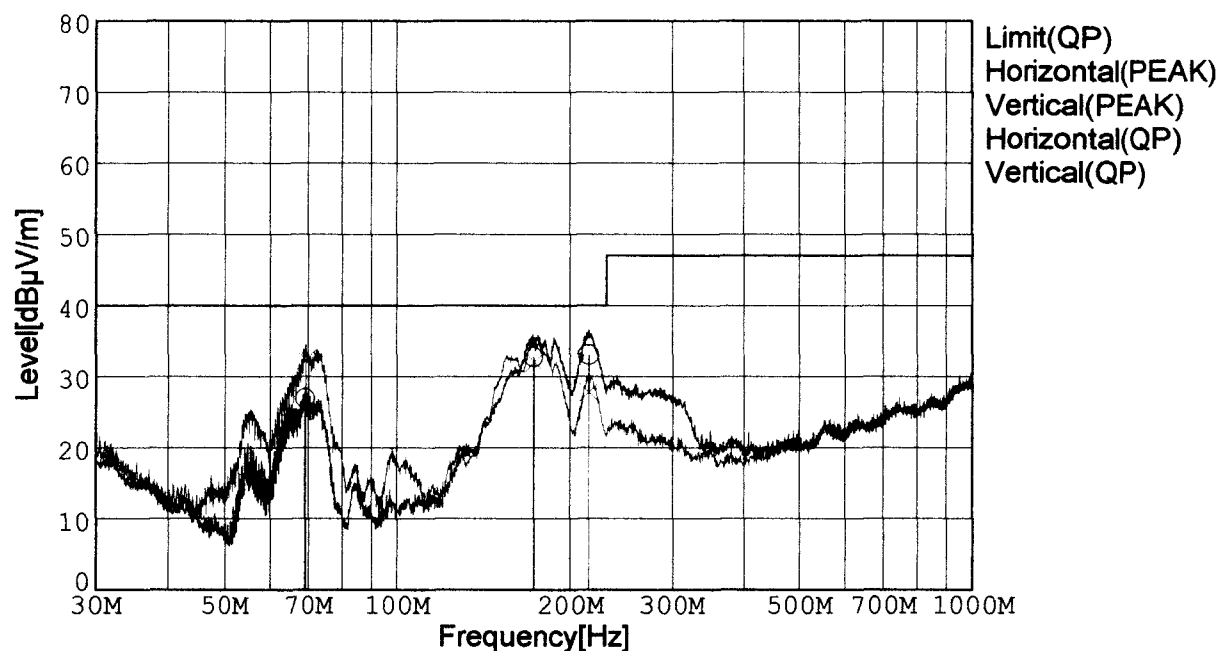
Temp. : 25degC

Humi. : 40%

Date : 2002/7/18 21:10

Test Equip. : R3132,ESPC

Comment : DC 24V, 11.7A



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]
69.063	53.5	BL	5.3	-31.8	27.0	285	143	Hori.	40.0	13.0
69.341	58.8	BL	5.3	-31.8	32.3	12	102	Vert.	40.0	7.7
172.271	55.3	BL	8.7	-31.3	32.7	255	150	Hori.	40.0	7.3
172.652	54.6	BL	8.7	-31.3	32.0	285	155	Vert.	40.0	8.0
214.735	55.3	BL	8.8	-31.1	33.0	115	140	Hori.	40.0	7.0
214.640	50.1	BL	8.8	-31.1	27.8	203	106	Vert.	40.0	12.2

BL: Biconi-Log

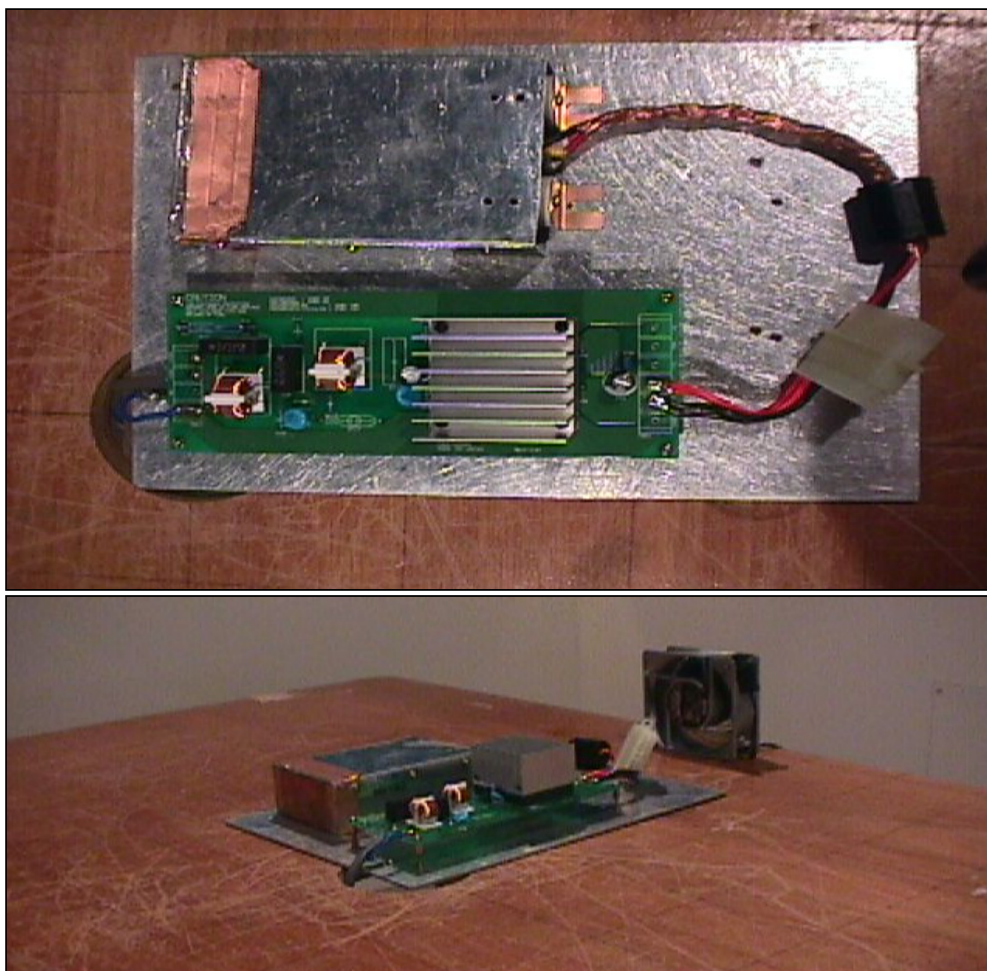
Conditions

Date 2002/7/19

Test : RADIATED EMISSION

Model Name : CBS502403/15/24

○Photographs of Test Set-Up



○Testing circuitry

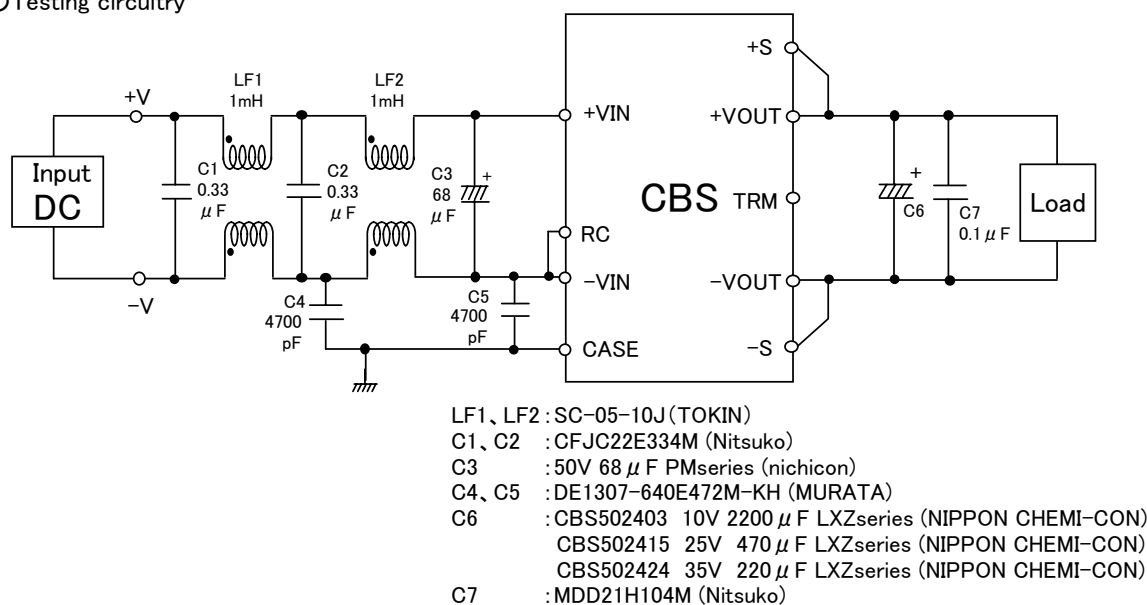


Fig. Testing circuitry



LINE CONDUCTION

Model Name : CBS502403

Model No. :

Serial No. :

Points : 2

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Limit1: [EN 55022] Class B(QP)

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

Tested by : T.Oiwake

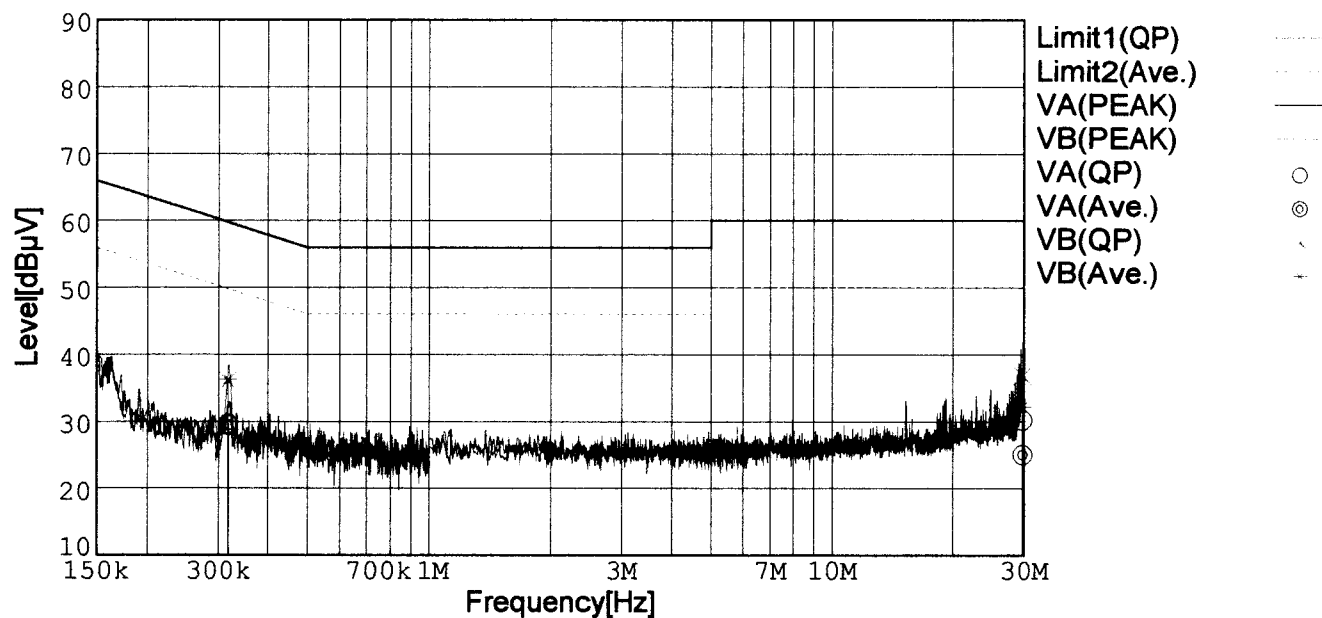
Temp. : 25degC

Humi. : 40%

Date : 2002/7/17 12:07

Test Equip. : R3132,ESPC

Comment : DC 24V, Io=11.7A



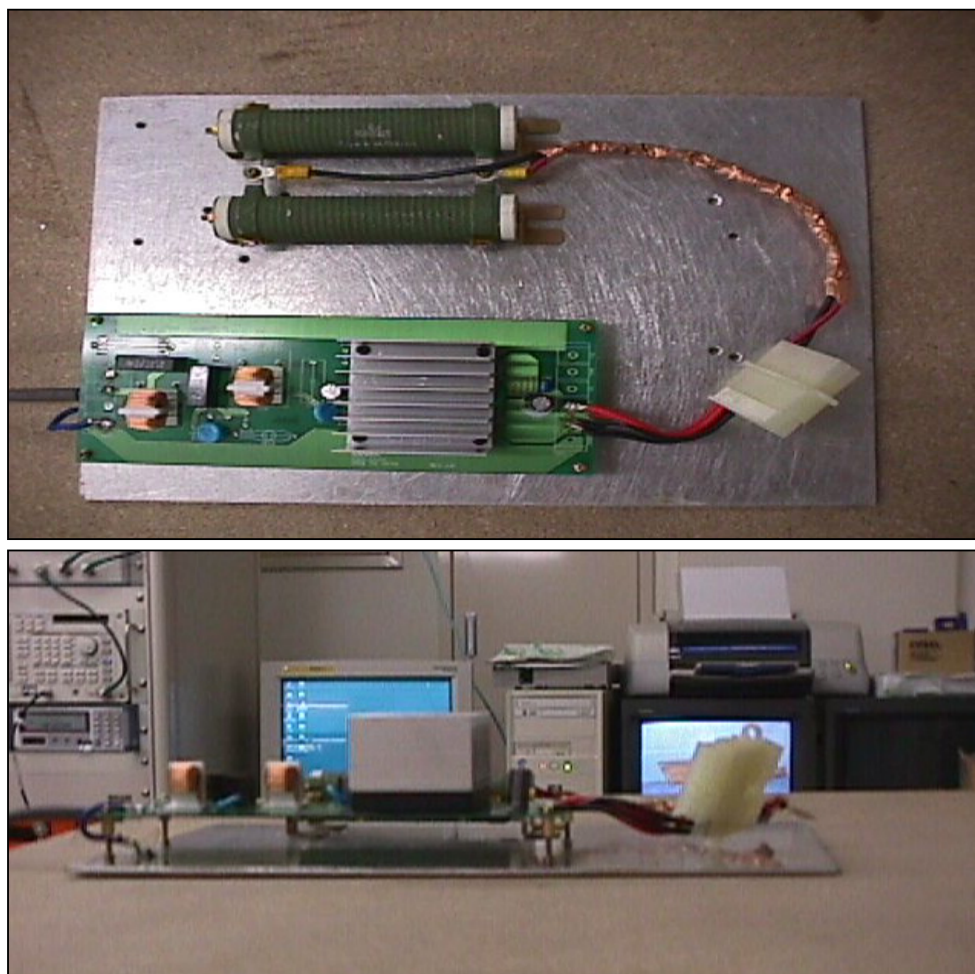
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3179	19.8	19.6	9.8	29.6	29.4	VA	59.8	49.8	30.2	20.4
29.7948	19.8	14.6	10.4	30.2	25.0	VA	60.0	50.0	29.8	25.0
0.3170	26.2	26.5	9.8	36.0	36.3	VB	59.8	49.8	23.8	13.5
29.7597	26.4	21.8	10.4	36.8	32.2	VB	60.0	50.0	23.2	17.8

Conditions

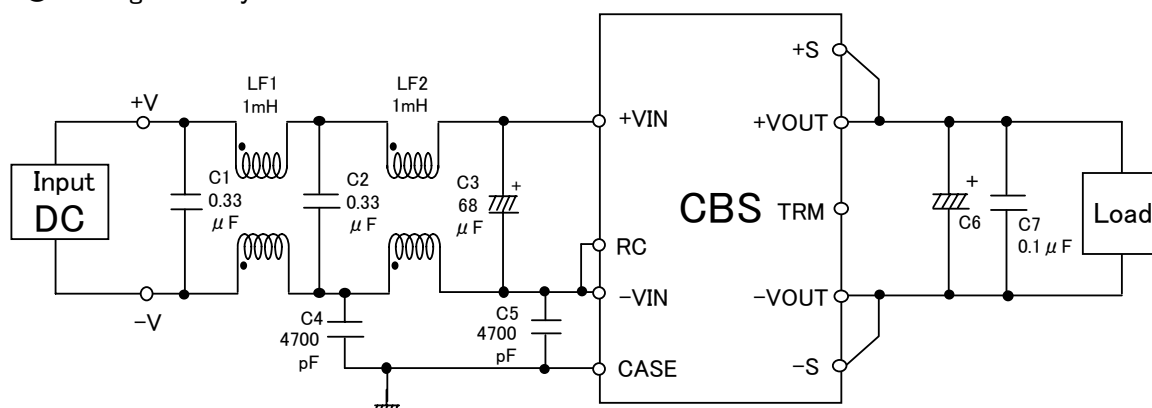
Date 2002/7/19

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