



RADIATED EMISSION

Model Name : CBS2002428

Model No. :

Serial No. :

Points : 4

Detector : PEAK/QP

Polarization : Hori. & Vert.

Power Supply : DC 24V

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

Temp. : 25degC

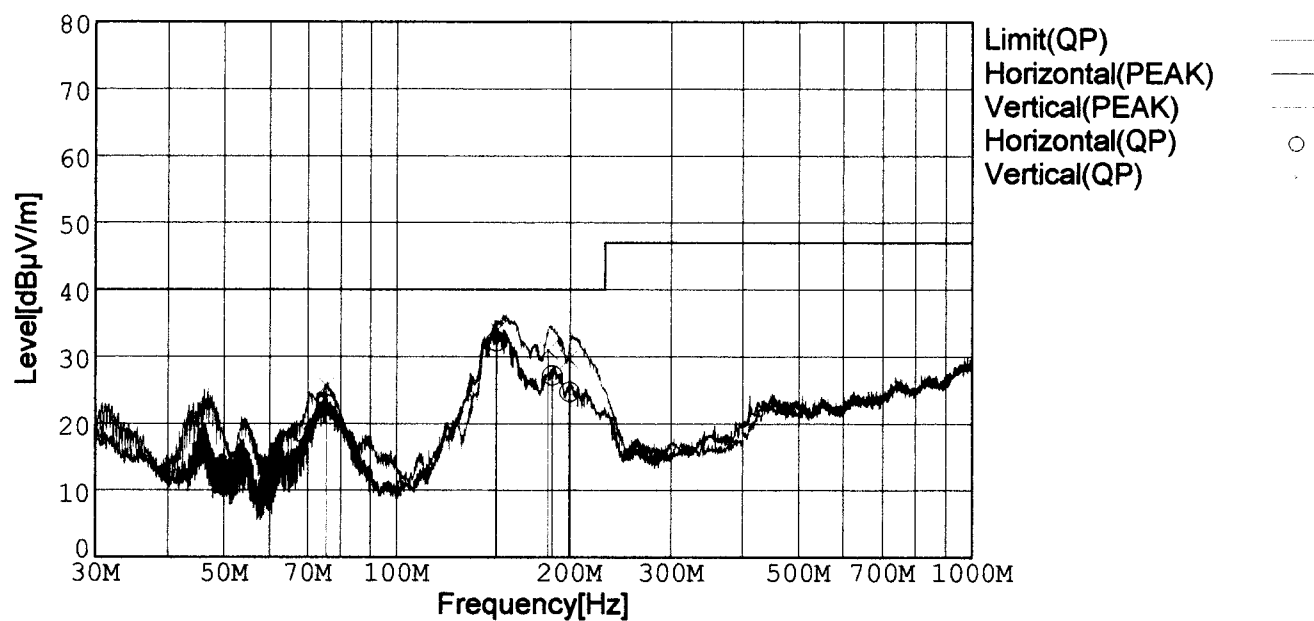
Humi. : 40%

Date : 2002/3/12 13:14

Test Equip. : R3132,ESPC

Comment : Vo=28V, Io=7.2A

Tested by : T.Oiwake



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]
75.497	48.0	BL	6.5	-31.7	22.8	281	156	Hori.	40.0	17.2
149.047	53.1	BL	10.6	-31.4	32.3	104	145	Hori.	40.0	7.7
186.583	50.1	BL	8.3	-31.2	27.2	125	132	Hori.	40.0	12.8
199.559	47.4	BL	8.5	-31.2	24.7	126	119	Hori.	40.0	15.3
75.483	50.8	BL	6.5	-31.7	25.6	346	134	Vert.	40.0	14.4
149.393	54.8	BL	10.6	-31.4	34.0	42	146	Vert.	40.0	6.0
183.467	53.8	BL	8.4	-31.2	31.0	102	104	Vert.	40.0	9.0
199.191	52.3	BL	8.5	-31.2	29.6	200	102	Vert.	40.0	10.4

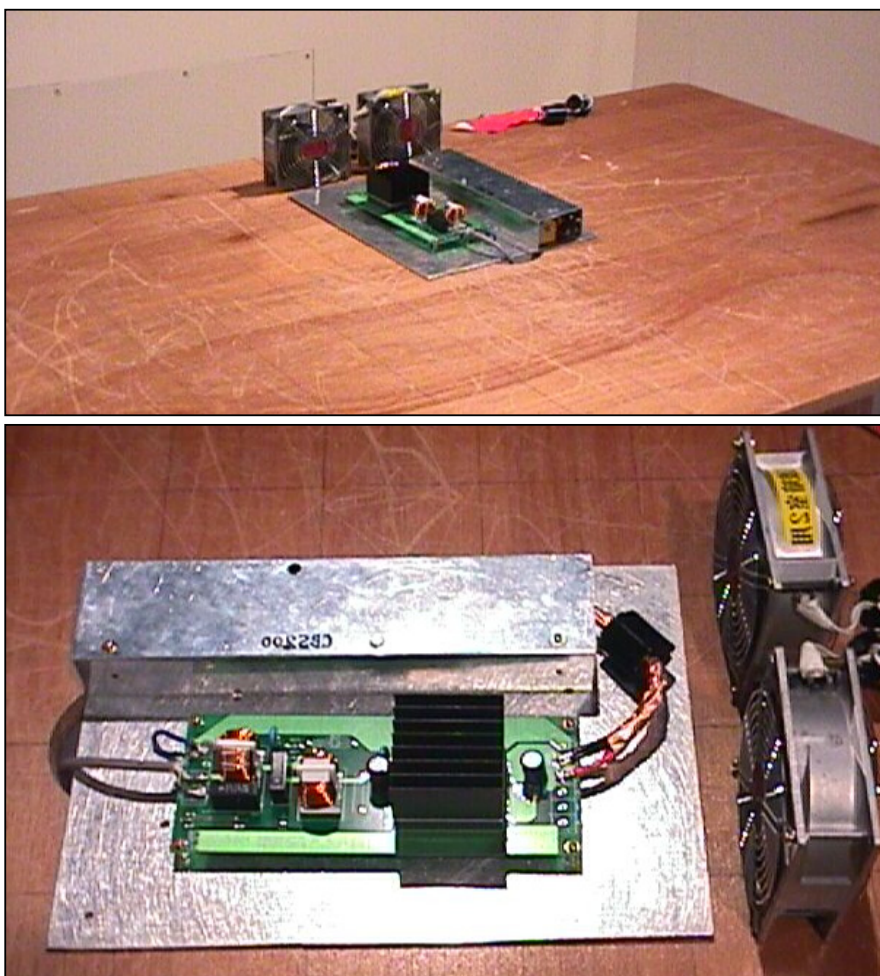
BL: Biconi-Log

Conditions

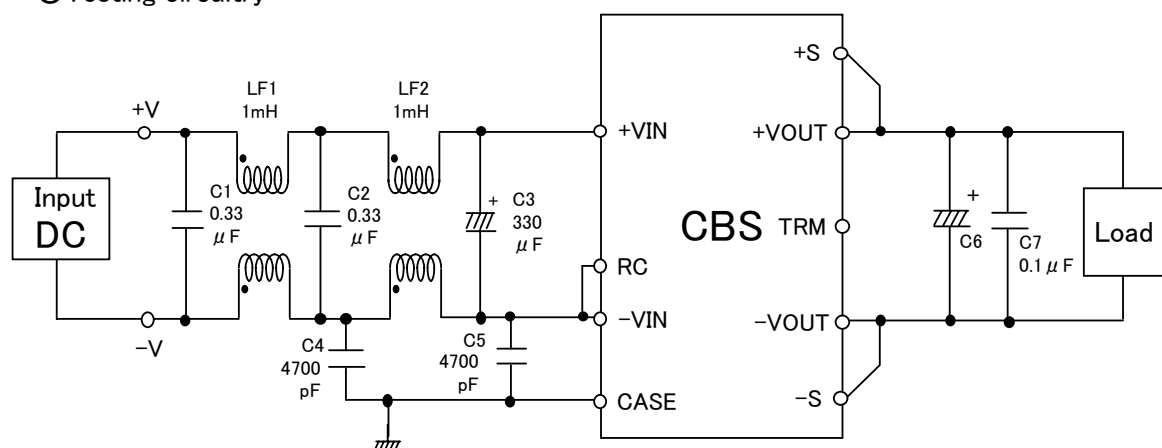
Date 2002/4/17

Test : RADIATED EMISSION
Model Name : CBS20024

○Photographs of Test Set-Up



○Testing circuitry



- LF1、LF2 : SC-10-10J(TOKIN)
C1、C2 : CFJC22E334M (Nitsuko)
C3 : 50V 330 μ F PMseries (nichicon)
C4、C5 : DE1307-640E472M-KH (MURATA)
C6 : CBS2002403/05 10V 2200 μ F LXZseries (NIPPON CHEMI-CON)
CBS2002412/15 25V 1000 μ F LXZseries (NIPPON CHEMI-CON)
CBS2002424/28 35V 470 μ F LXZseries (NIPPON CHEMI-CON)
C7 : MDD21H104M (Nitsuko)

Fig. Testing circuitry

LINE CONDUCTION

Model Name : CBS2002428

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Power Supply : DC 24V

Limit1: [EN 55022] Class B(QP)

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

Temp. : 25degC

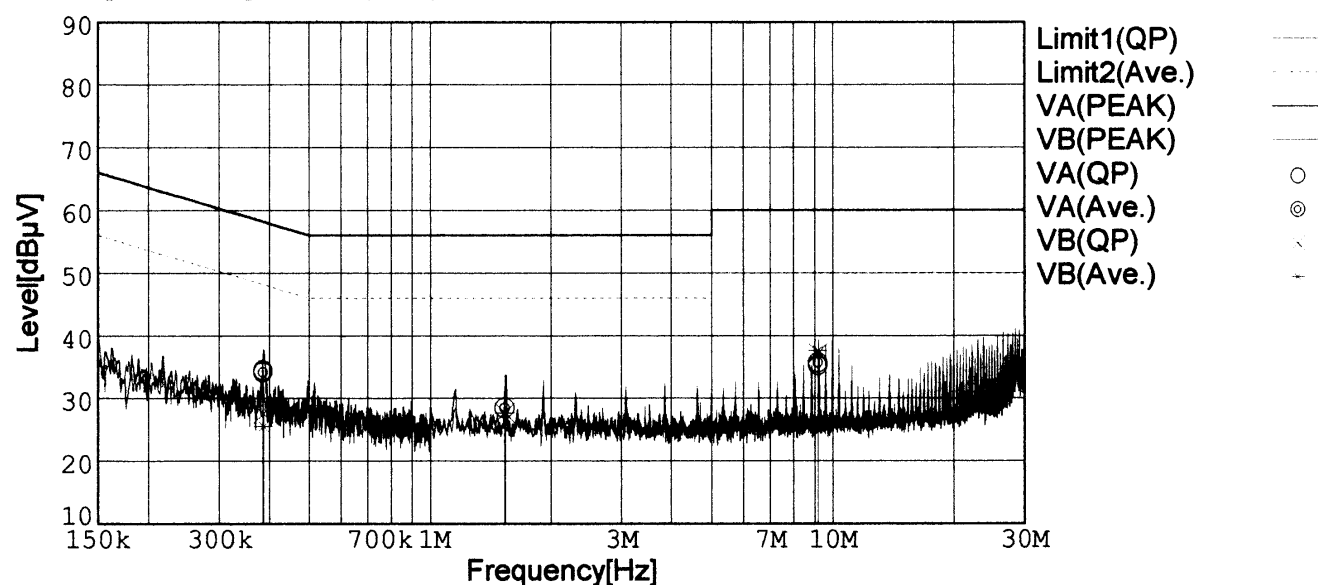
Humi. : 40%

Date : 2002/3/5 1:13

Test Equip. : R3132,ESPC

Comment : Vo=28V, Io=7.2A

Tested by : T.Oiwake



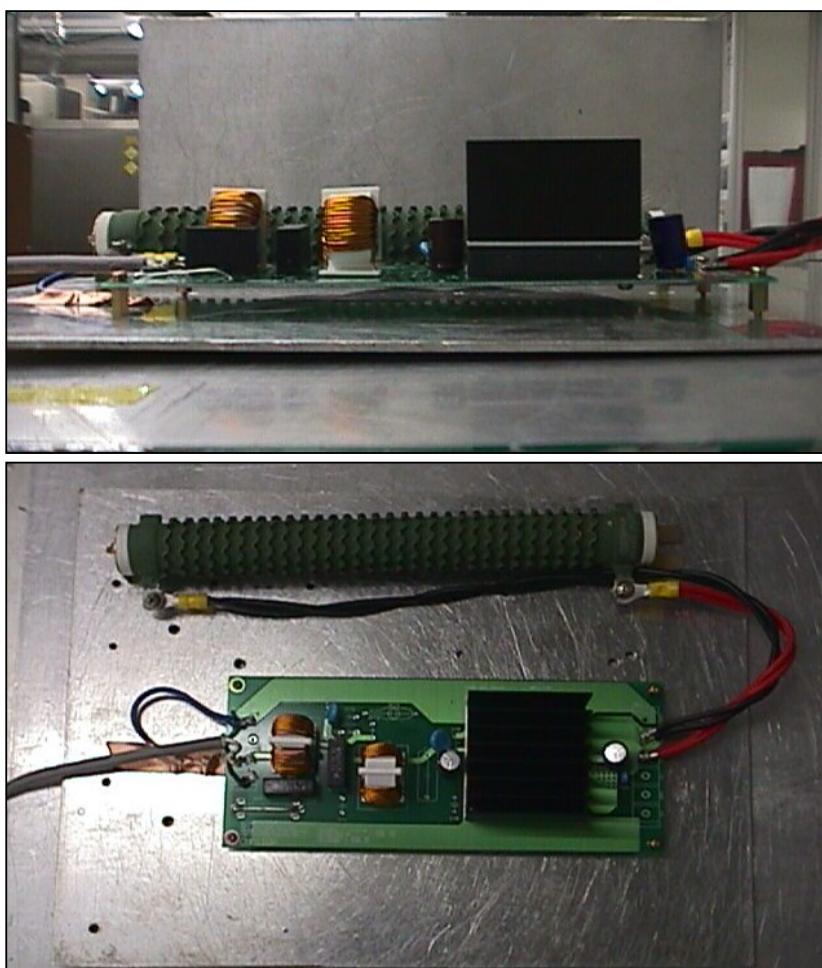
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3838	24.7	24.4	9.8	34.5	34.2	VA	58.2	48.2	23.7	14.0
1.5305	18.6	18.6	9.9	28.5	28.5	VA	56.0	46.0	27.5	17.5
9.1696	25.2	25.6	10.1	35.3	35.7	VA	60.0	50.0	24.7	14.3
0.3849	17.8	15.7	9.8	27.6	25.5	VB	58.2	48.2	30.6	22.7
1.5284	17.8	17.7	9.9	27.7	27.6	VB	56.0	46.0	28.3	18.4
9.1672	27.1	27.5	10.1	37.2	37.6	VB	60.0	50.0	22.8	12.4

Conditions

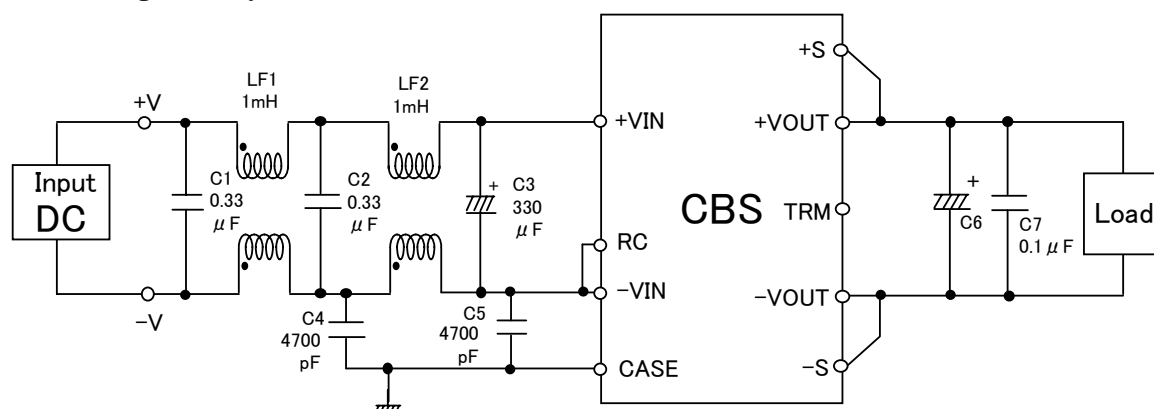
Date 2002/4/17

Test : LINE CONDUCTION
Model Name : CBS20024

○Photographs of Test Set-Up



○Testing circuitry



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CBS2002424/28 35V 470 μ F LXZseries (NIPPON CHEMI-CON)
C7 : MDD21H104M (Nitsuko)

Fig. Testing circuitry