



RADIATED EMISSION

Model Name : CBS2002412

Model No. :

Serial No. :

Points : 4

Detector : PEAK/QP

Polarization : Hori. & Vert.

Power Supply : DC 24V

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

Temp. : 25degC

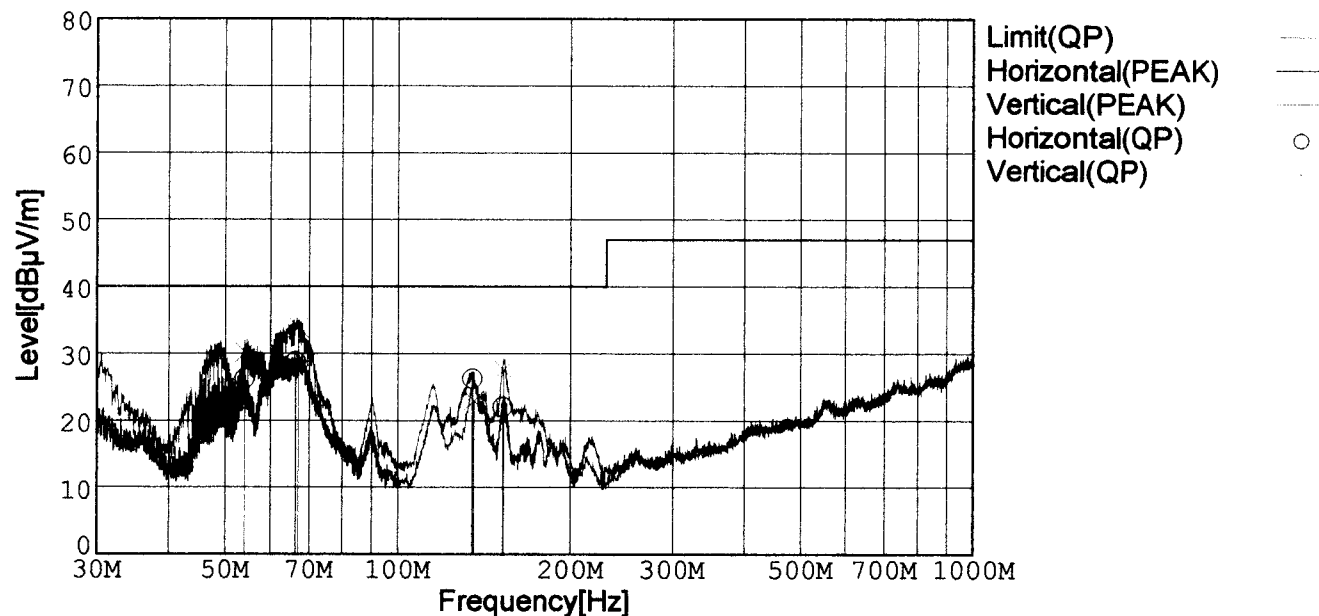
Humi. : 40%

Date : 2002/3/12 14:12

Test Equip. : R3132,ESPC

Comment : Vo=12V, Io=16.7A

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]
54.045	52.1	BL	6.0	-31.9	26.2	242	125	Hori.	40.0	13.8
66.327	55.6	BL	5.0	-31.8	28.8	253	154	Hori.	40.0	11.2
134.916	46.6	BL	11.0	-31.4	26.2	242	154	Hori.	40.0	13.8
152.530	43.0	BL	10.4	-31.4	22.0	266	159	Hori.	40.0	18.0
54.052	56.0	BL	6.0	-31.9	30.1	9	131	Vert.	40.0	9.9
67.085	60.6	BL	5.1	-31.8	33.9	341	118	Vert.	40.0	6.1
135.647	43.3	BL	11.0	-31.4	22.9	239	144	Vert.	40.0	17.1
152.903	48.5	BL	10.4	-31.4	27.5	217	152	Vert.	40.0	12.5

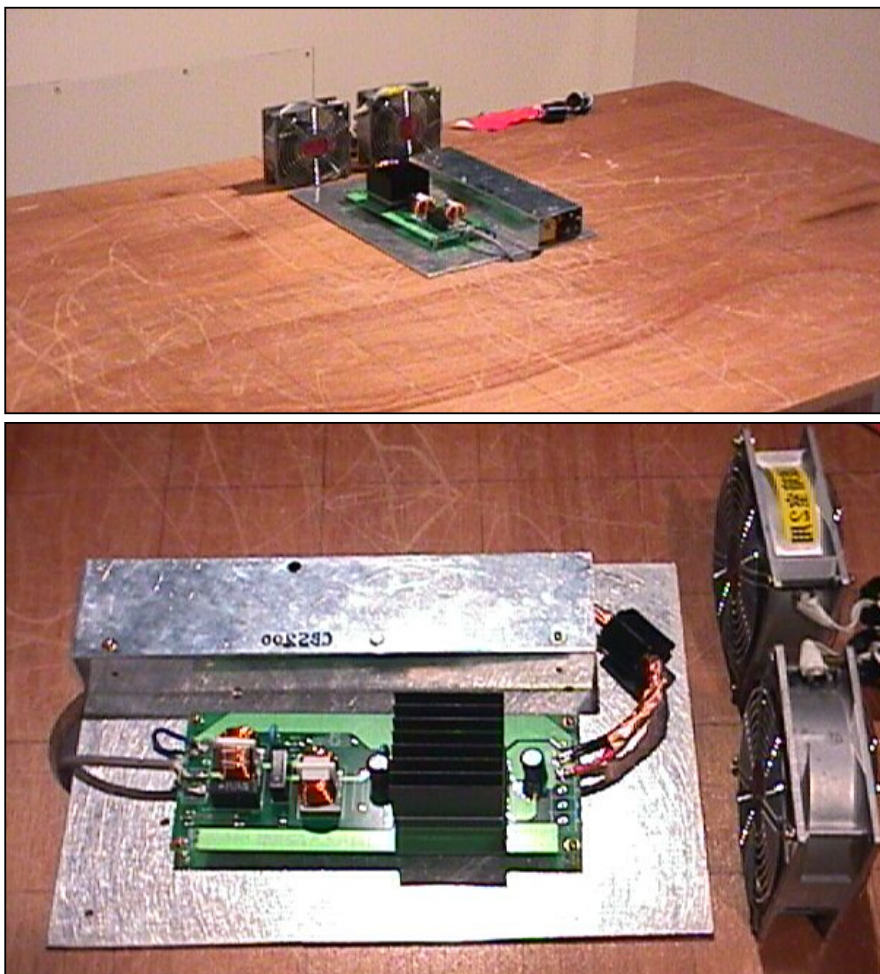
BL: Biconi-Log

Conditions

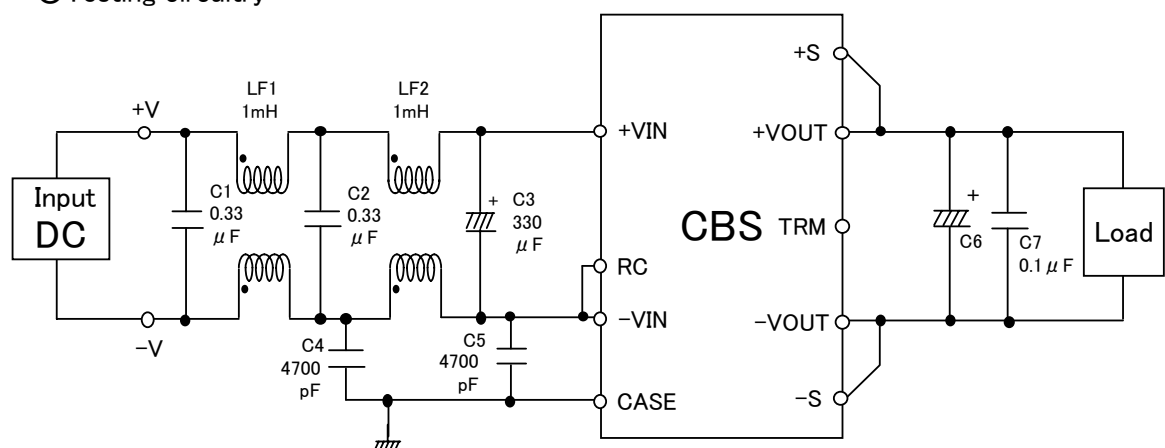
Date 2002/4/17

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 : CBS2002412

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

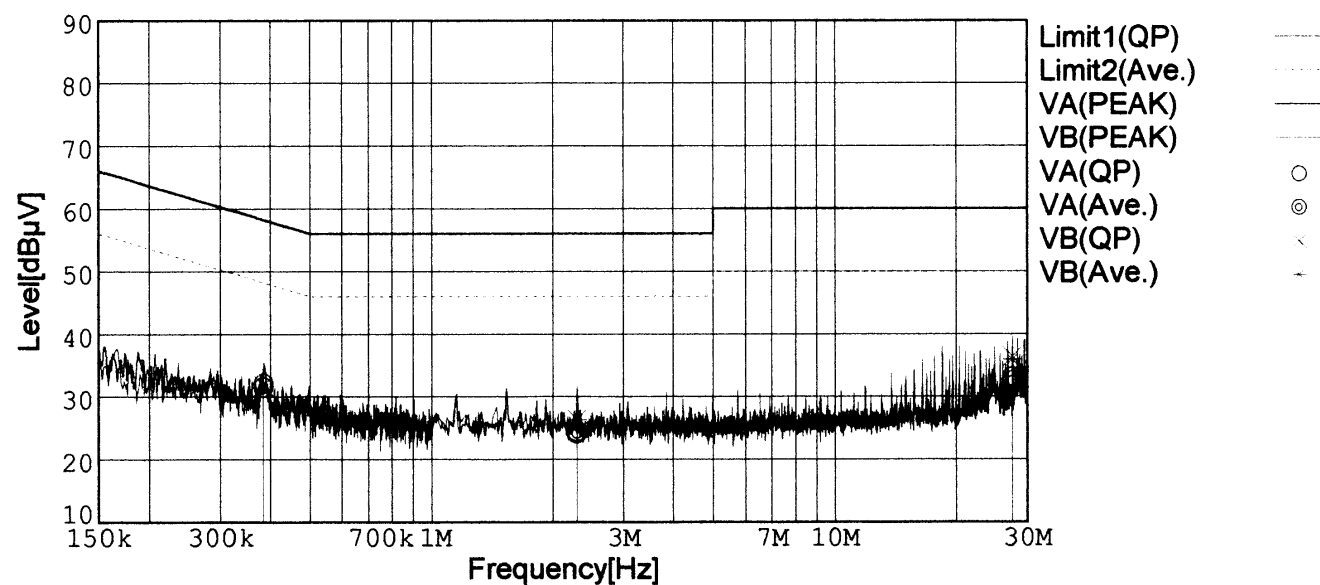
Humi. : 40%

Date : 2002/3/5 0:59

Test Equip. : R3132,ESPC

Comment : Vo=12V, Io=16.7A

Tested by : T.Oiwake



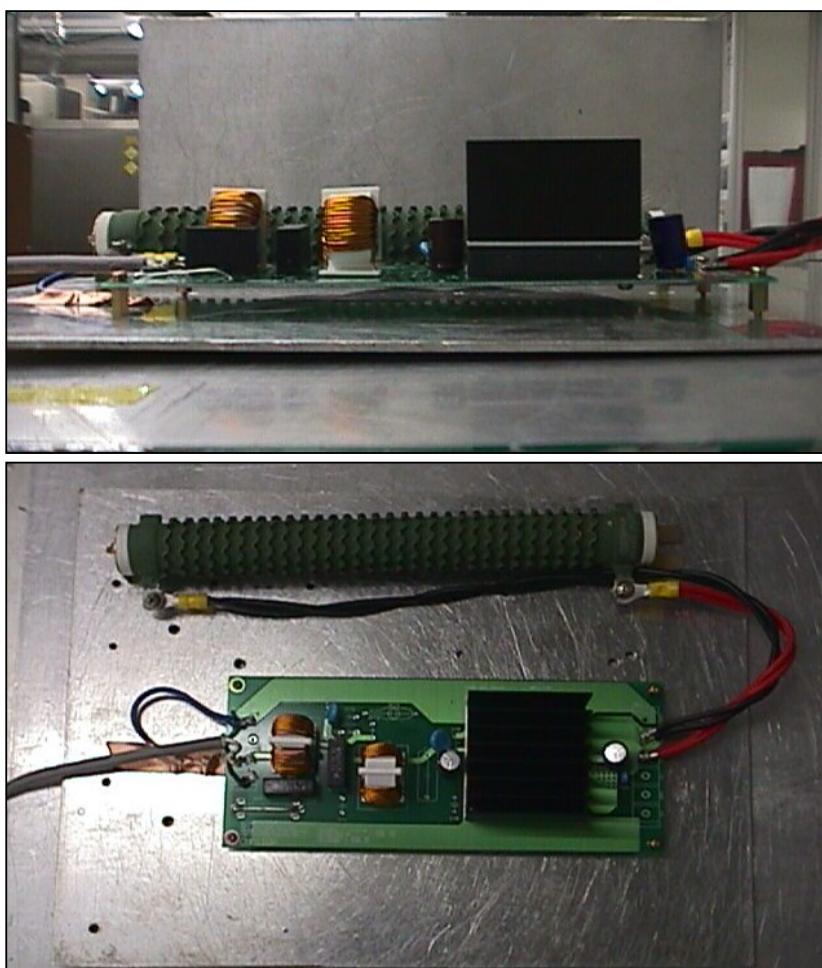
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3828	22.3	21.7	9.8	32.1	31.5	VA	58.2	48.2	26.1	16.7
2.2963	14.6	14.2	9.9	24.5	24.1	VA	56.0	46.0	31.5	21.9
27.5689	22.6	22.1	10.4	33.0	32.5	VA	60.0	50.0	27.0	17.5
0.3830	22.0	21.5	9.8	31.8	31.3	VB	58.2	48.2	26.4	16.9
2.2974	16.5	16.4	9.9	26.4	26.3	VB	56.0	46.0	29.6	19.7
27.5709	26.0	25.5	10.4	36.4	35.9	VB	60.0	50.0	23.6	14.1

Conditions

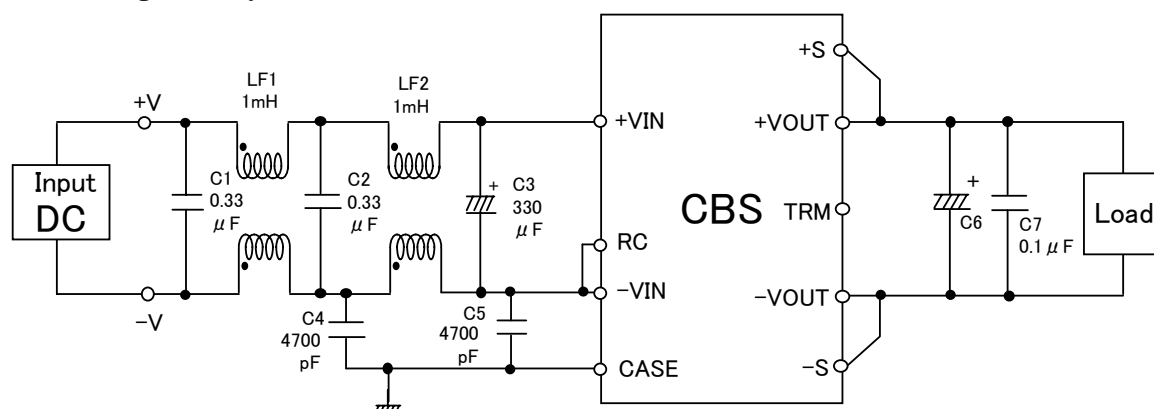
Date 2002/4/17

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