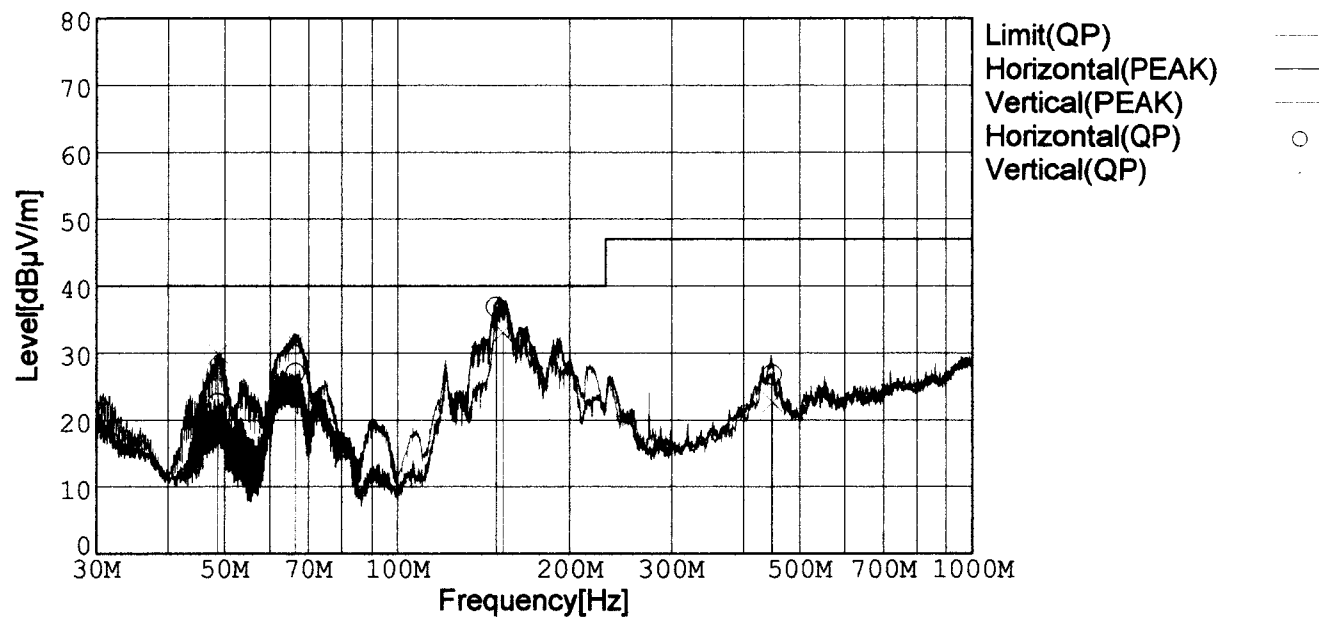




# RADIATED EMISSION

Model Name : CBS2002424  
 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 23:08  
 Test Equip. : R3132,ESPC  
 Comment : Vo=24V, Io=8.4A  
 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]
48.696	46.0	BL	8.4	-31.9	22.5	263	158	Hori.	40.0	17.5
66.274	53.8	BL	5.0	-31.8	27.0	256	142	Hori.	40.0	13.0
148.647	57.7	BL	10.6	-31.4	36.9	93	160	Hori.	40.0	3.1
447.056	40.4	BL	16.8	-30.4	26.8	219	116	Hori.	47.0	20.2
48.685	53.4	BL	8.4	-31.9	29.9	353	102	Vert.	40.0	10.1
66.270	58.2	BL	5.0	-31.8	31.4	340	119	Vert.	40.0	8.6
152.736	54.1	BL	10.4	-31.4	33.1	199	118	Vert.	40.0	6.9
448.068	36.1	BL	16.9	-30.4	22.6	312	102	Vert.	47.0	24.4

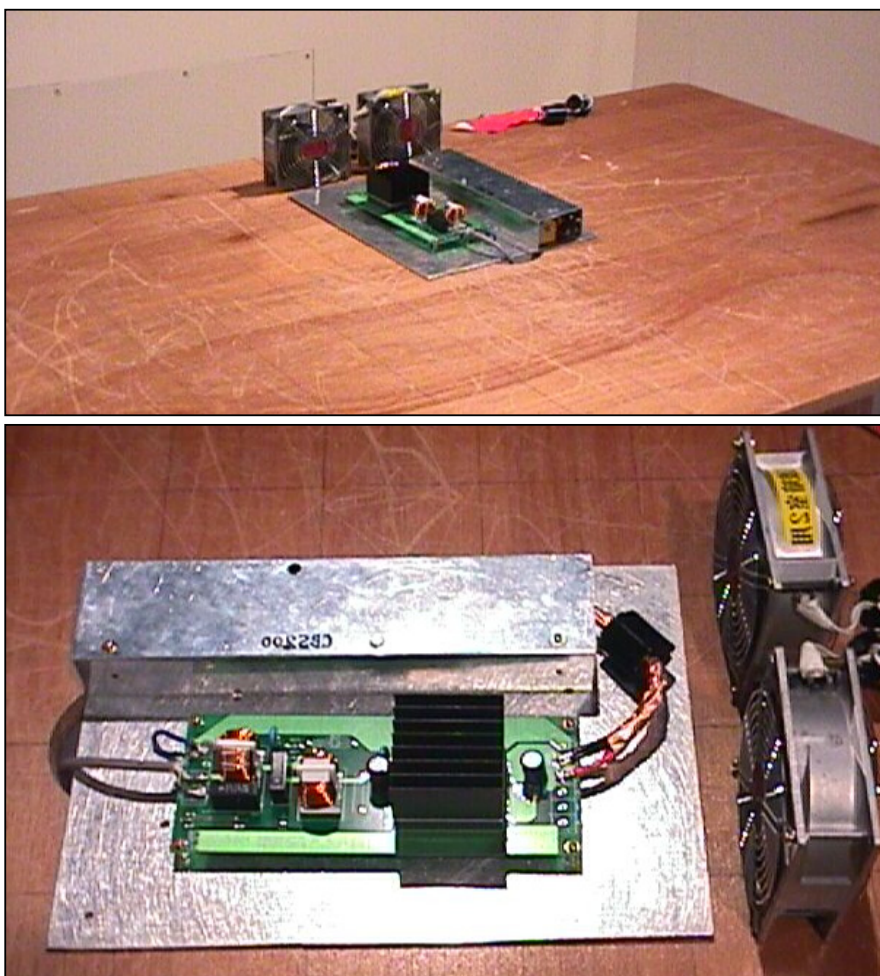
BL: Biconi-Log

# Conditions

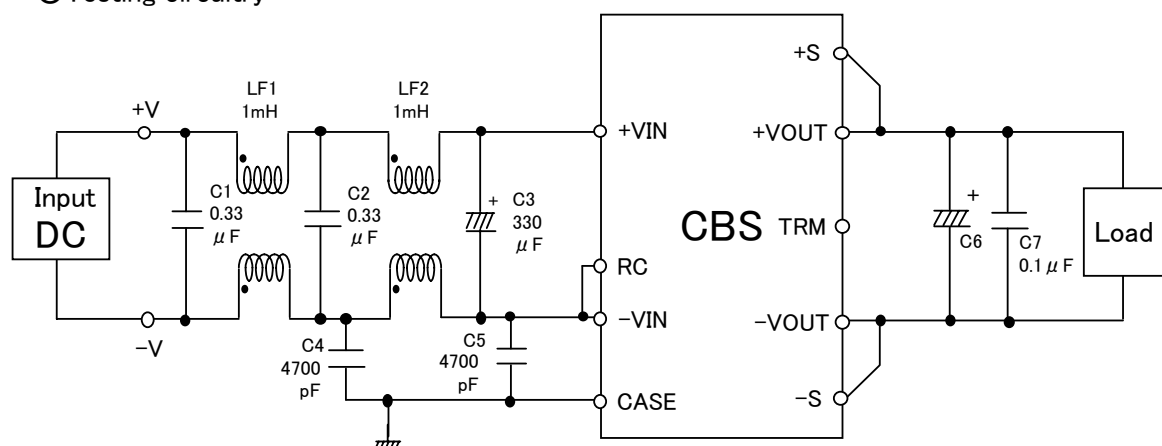
Date 2002/4/17

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  $\mu$  F PMseries (nichicon)  
C4、C5 : DE1307-640E472M-KH (MURATA)  
C6 : CBS2002403/05 10V 2200  $\mu$  F LXZseries (NIPPON CHEMI-CON)  
CBS2002412/15 25V 1000  $\mu$  F LXZseries (NIPPON CHEMI-CON)  
CBS2002424/28 35V 470  $\mu$  F LXZseries (NIPPON CHEMI-CON)  
C7 : MDD21H104M (Nitsuko)

Fig. Testing circuitry

## LINE CONDUCTION

Model Name : CBS2002424

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

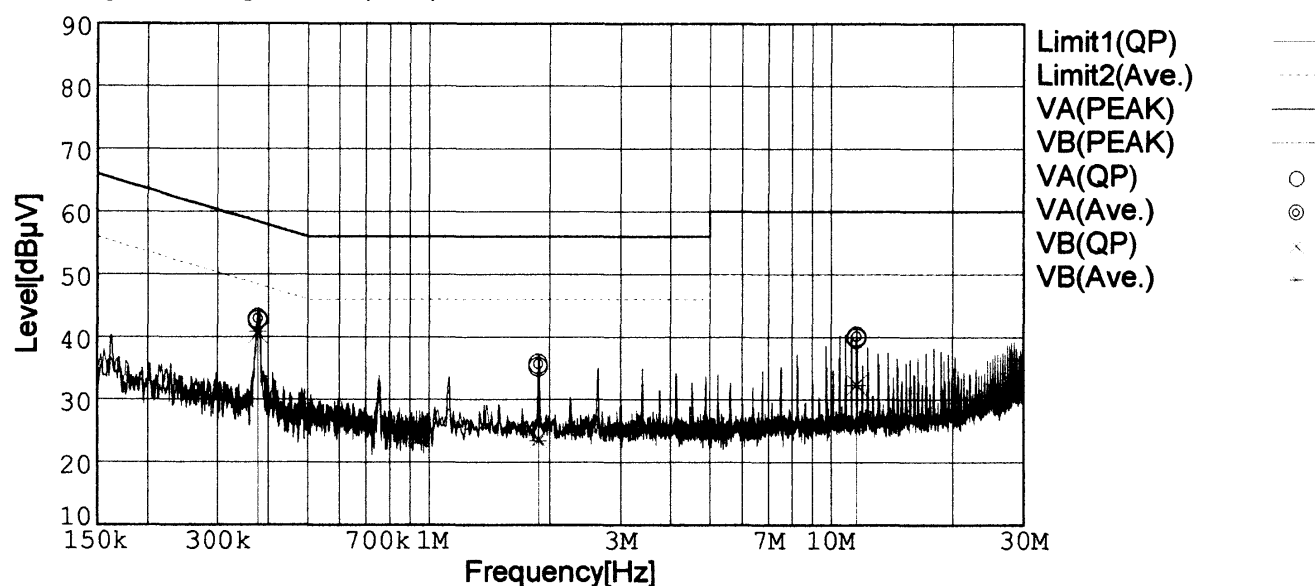
Humi. : 40%

Date : 2002/3/4 23:12

Test Equip. : R3132,ESPC

Comment : Vo=24V, Io=8.4A

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]
0.3753	32.8	33.1	9.8	42.6	42.9	VA	58.4	48.4	15.8	5.5
1.8727	25.3	25.8	9.9	35.2	35.7	VA	56.0	46.0	20.8	10.3
11.6006	29.7	30.0	10.1	39.8	40.1	VA	60.0	50.0	20.2	9.9
0.3761	30.8	31.0	9.8	40.6	40.8	VB	58.4	48.4	17.8	7.6
1.8733	13.8	13.6	9.9	23.7	23.5	VB	56.0	46.0	32.3	22.5
11.5989	22.3	22.3	10.1	32.4	32.4	VB	60.0	50.0	27.6	17.6

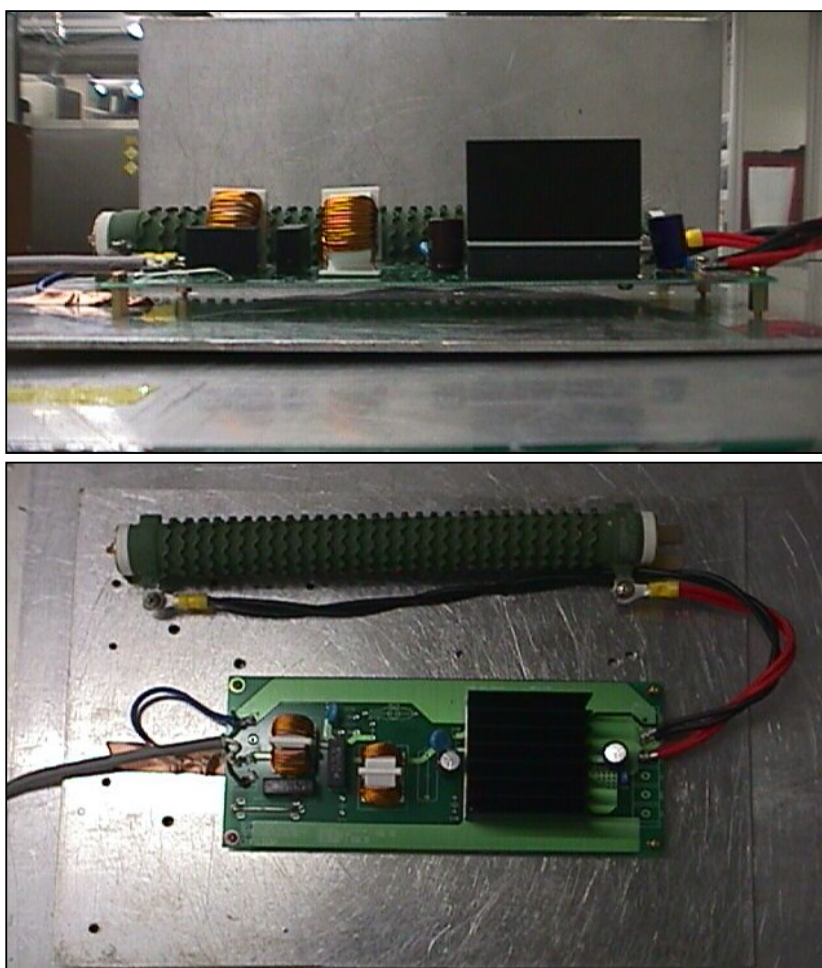
# Conditions

Date 2002/4/17

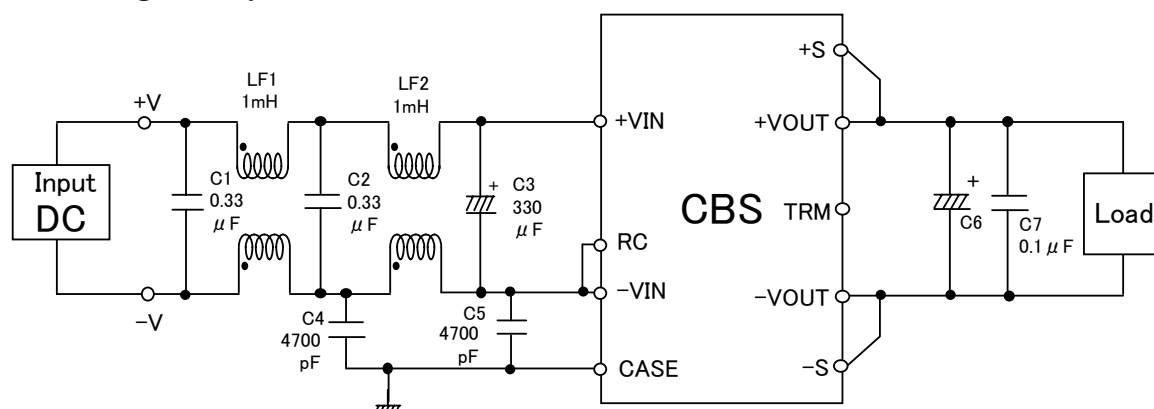
Test : LINE CONDUCTION

Model Name : CBS20024

○Photographs of Test Set-Up



○Testing circuitry



LF1、LF2 : SC-10-10J(TOKIN)

C1、C2 : CFJC22E334M (Nitsuko)

C3 : 50V 330  $\mu$  F PMseries (nichicon)

C4、C5 : DE1307-640E472M-KH (MURATA)

C6 : CBS2002403/05 10V 2200  $\mu$  F LXZseries (NIPPON CHEMI-CON)

CBS2002412/15 25V 1000  $\mu$  F LXZseries (NIPPON CHEMI-CON)

CBS2002424/28 35V 470  $\mu$  F LXZseries (NIPPON CHEMI-CON)

C7 : MDD21H104M (Nitsuko)

Fig. Testing circuitry