

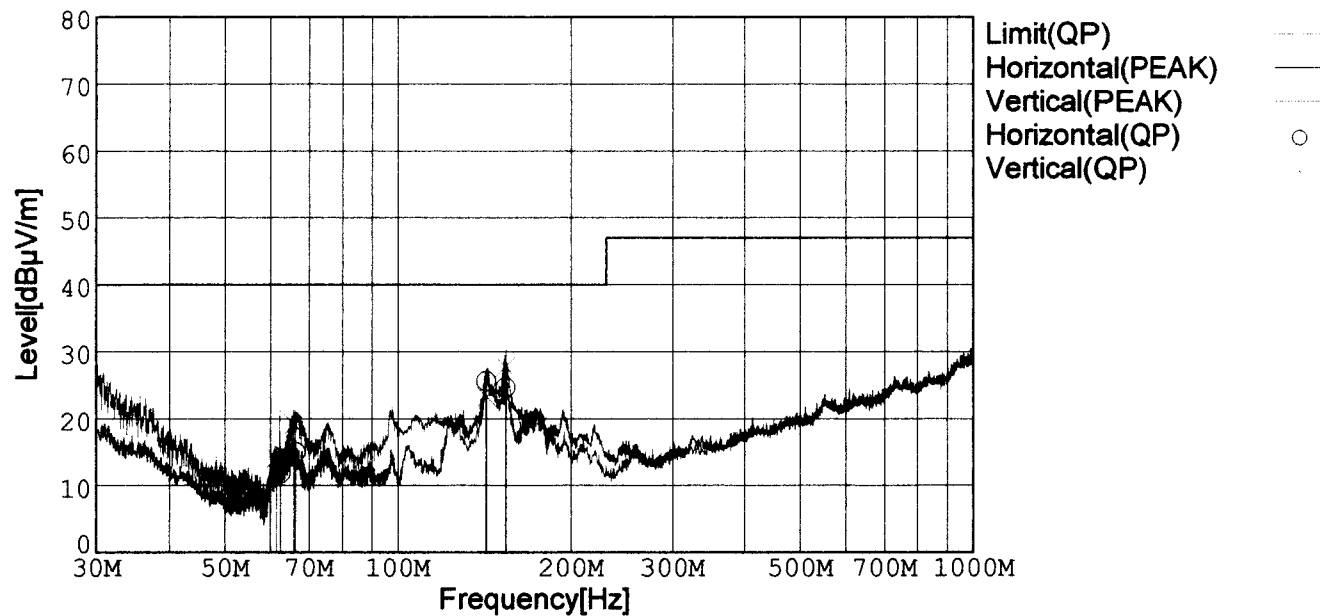


# RADIATED EMISSION

Model Name : CBS2002412  
 Model No. :  
 Serial No. :  
 Points : 4  
 Detector : PEAK/QP  
 Polarization : Hori. & Vert.  
 Power Supply : DC 24V

Temp. : 25degC  
 Humi. : 40%  
 Date : 2002/3/12 22:12  
 Test Equip. : R3132,ESPC  
 Comment : Vo=12V, Io=16.7A  
 Tested by : T.Oiwake

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



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]
62.519	38.8	BL	4.8	-31.8	11.8	73	137	Hori.	40.0	28.2
66.330	41.8	BL	5.0	-31.8	15.0	81	132	Hori.	40.0	25.0
142.242	46.2	BL	10.8	-31.4	25.6	268	160	Hori.	40.0	14.4
154.131	45.7	BL	10.3	-31.4	24.6	260	160	Hori.	40.0	15.4
61.358	41.1	BL	4.7	-31.8	14.0	15	133	Vert.	40.0	26.0
65.948	46.0	BL	4.9	-31.8	19.1	352	120	Vert.	40.0	20.9
142.636	43.8	BL	10.8	-31.4	23.2	199	134	Vert.	40.0	16.8
153.744	48.8	BL	10.3	-31.4	27.7	208	135	Vert.	40.0	12.3

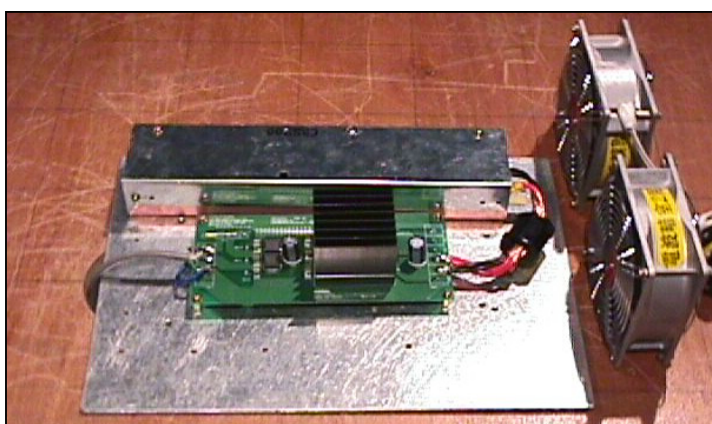
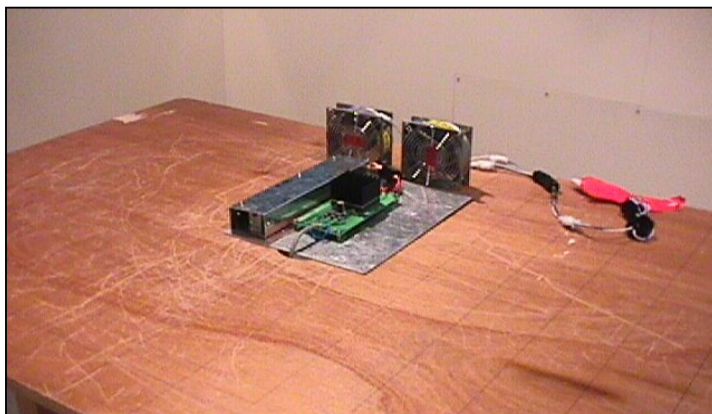
BL: Biconi-Log

# Conditions

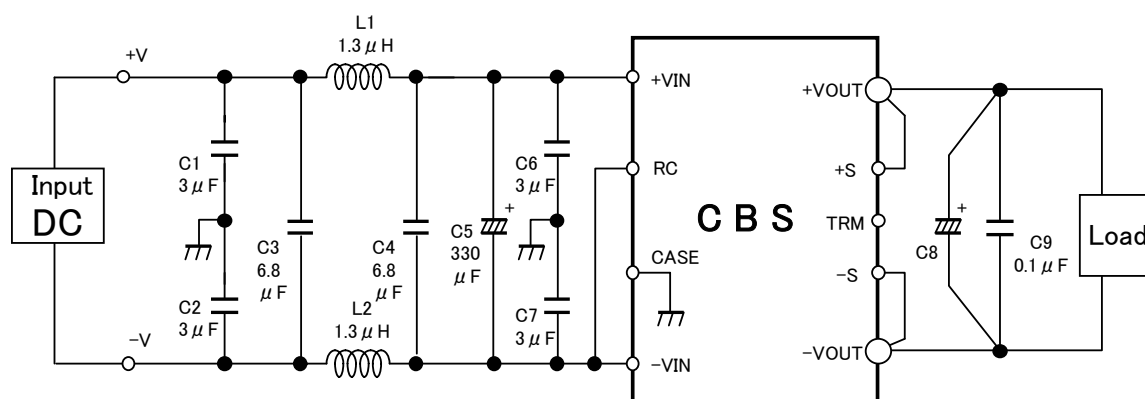
Date 2002/4/17

Test : RADIATED EMISSION  
Model Name : CBS20024

## ○Photographs of Test Set-Up



## ○Testing circuitry



- L1、L2 : ETQP6F1R3LFA (MATSUSHITA)  
C1、C2、C6、C7 : CY55Y5P2A305M (TOKIN)  
C3、C4 : CY55Y5U2A685S (TOKIN)  
C5 : 50V 330 μ F PMseries (nichicon)  
C8 : 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)  
C9 : 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

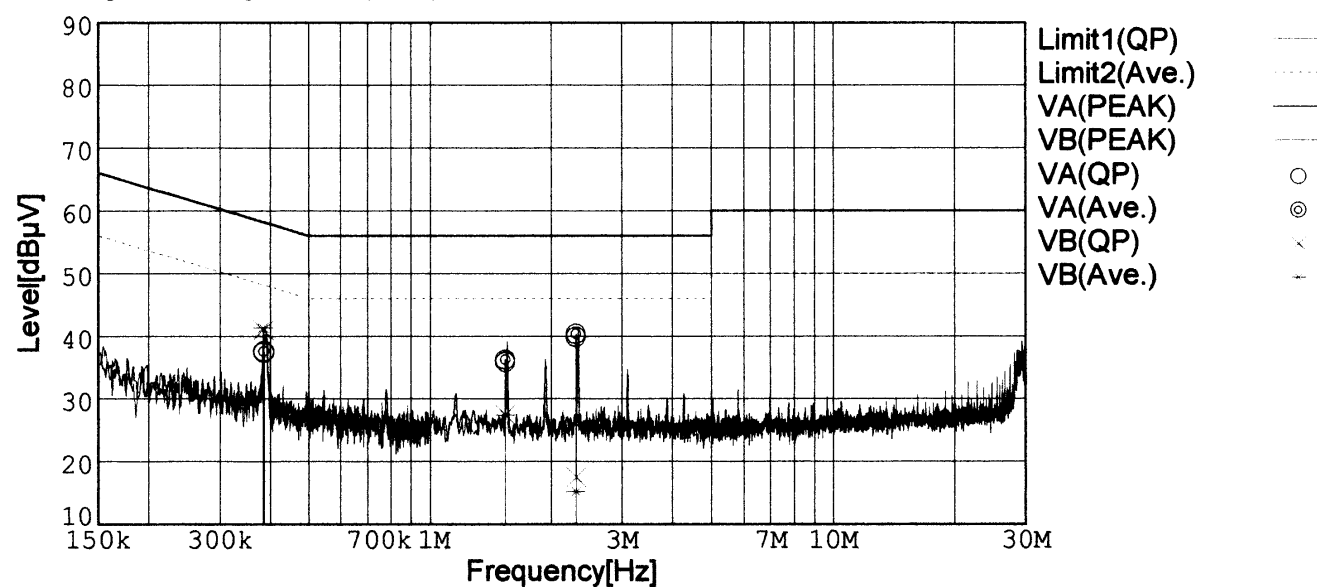
Humi. : 40%

Date : 2002/3/4 21:33

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]
0.3858	27.6	27.7	9.8	37.4	37.5	VA	58.2	48.2	20.8	10.7
1.5346	25.9	26.3	9.9	35.8	36.2	VA	56.0	46.0	20.2	9.8
2.2975	29.9	30.4	9.9	39.8	40.3	VA	56.0	46.0	16.2	5.7
0.3842	31.2	31.5	9.8	41.0	41.3	VB	58.2	48.2	17.2	6.9
1.5337	17.5	17.5	9.9	27.4	27.4	VB	56.0	46.0	28.6	18.6
2.2979	7.6	5.3	9.9	17.5	15.2	VB	56.0	46.0	38.5	30.8

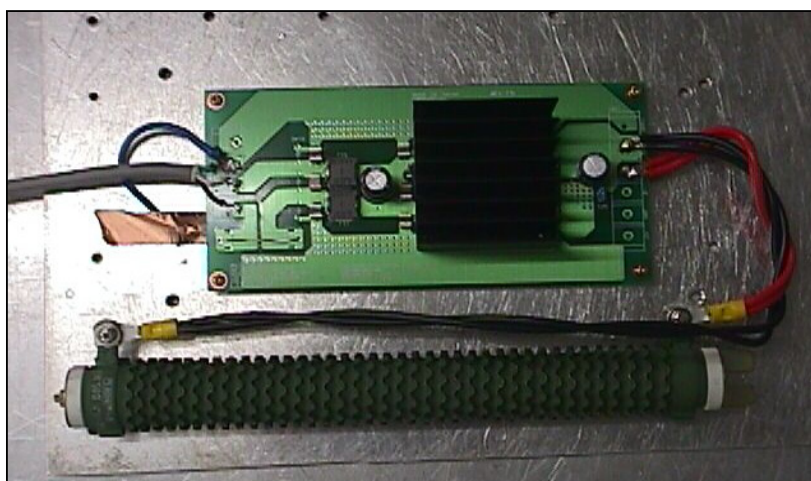
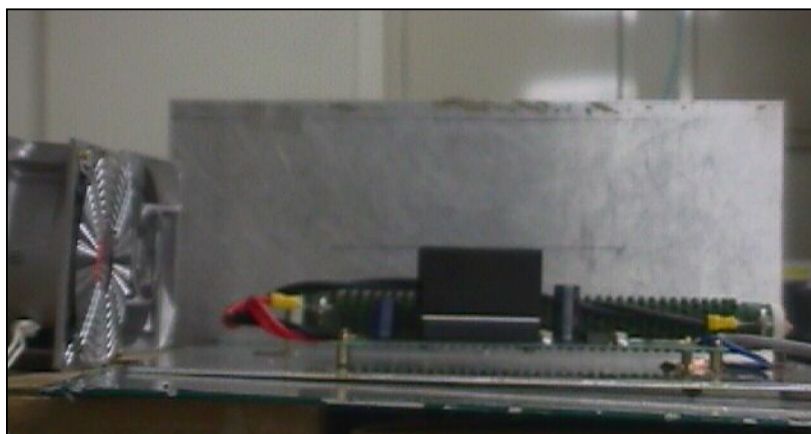
# Conditions

Date 2002/4/17

Test : LINE CONDUCTION

Model Name : CBS20024

○Photographs of Test Set-Up



○Testing circuitry

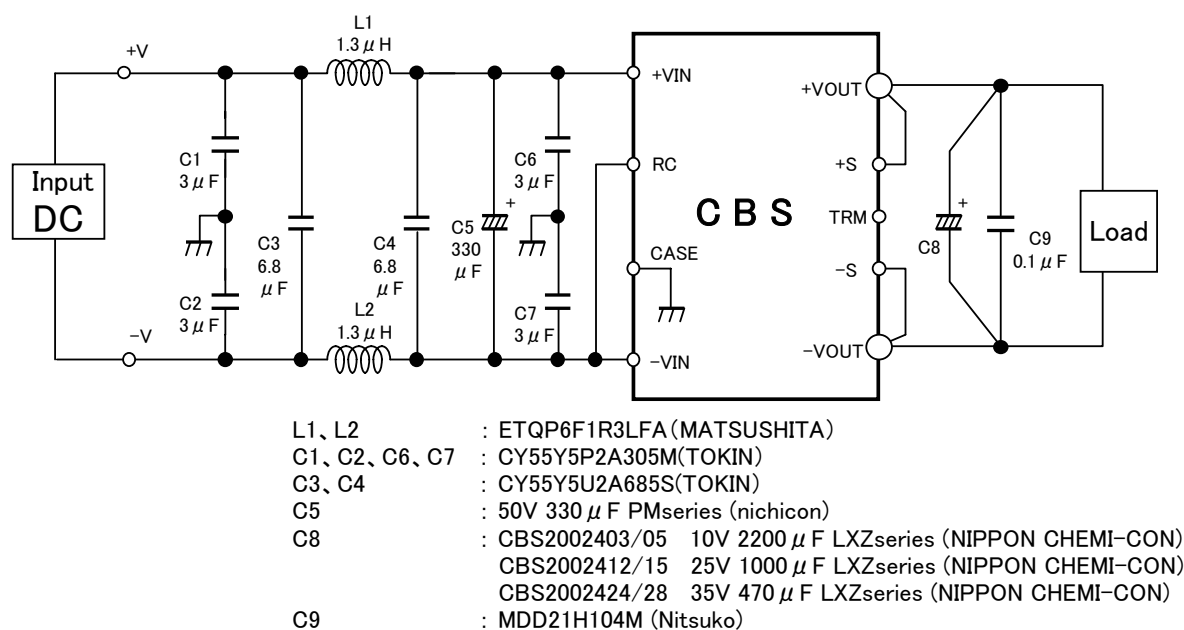


Fig. Testing circuitry