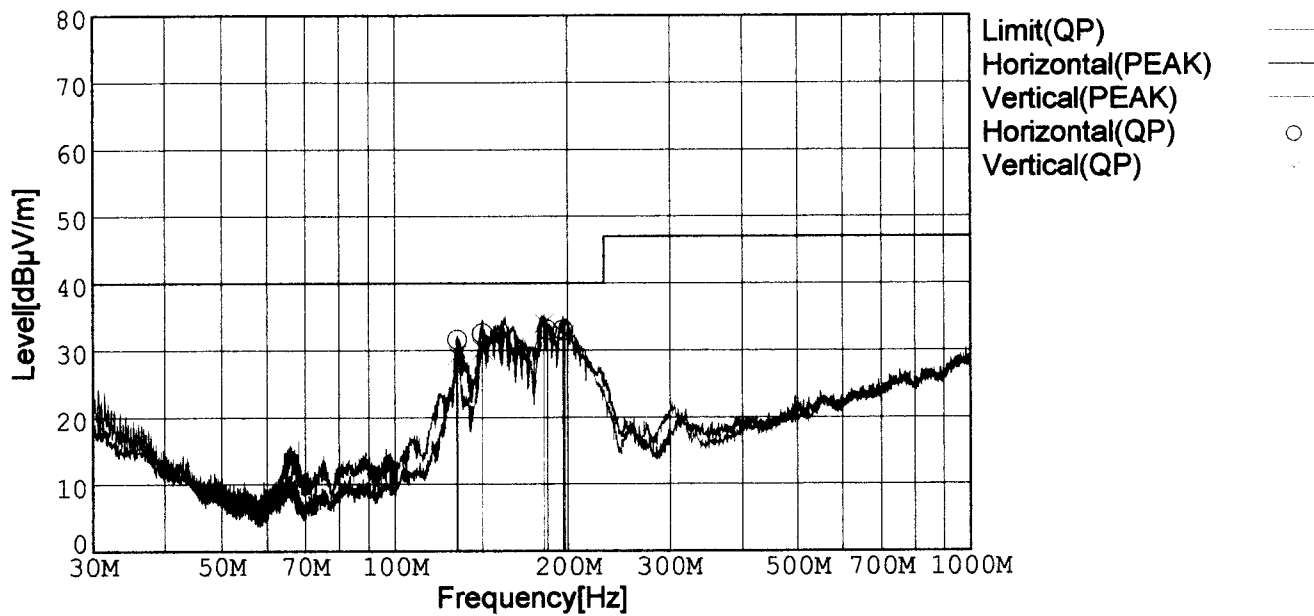


RADIATED EMISSION

Model Name : CBS2002428
 Model No. :
 Serial No. :
 Points : 4
 Detector : PEAK/QP
 Polarization : Hori. & Vert.
 Power Supply : DC 24V

Temp. : 25degC
 Humi. : 40%
 Date : 2002/3/12 21:32
 Test Equip. : R3132,ESPC
 Comment : Vo=28V, Io=7.2A
 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]
128.553	51.9	BL	11.2	-31.5	31.6	268	160	Hori.	40.0	8.4
141.961	53.1	BL	10.8	-31.4	32.5	266	154	Hori.	40.0	7.5
184.776	55.9	BL	8.4	-31.2	33.1	240	158	Hori.	40.0	6.9
196.628	55.8	BL	8.4	-31.2	33.0	242	147	Hori.	40.0	7.0
128.196	49.5	BL	11.2	-31.5	29.2	200	158	Vert.	40.0	10.8
141.921	50.7	BL	10.8	-31.4	30.1	209	134	Vert.	40.0	9.9
182.124	56.8	BL	8.4	-31.2	34.0	190	104	Vert.	40.0	6.0
197.764	55.1	BL	8.5	-31.2	32.4	190	106	Vert.	40.0	7.6

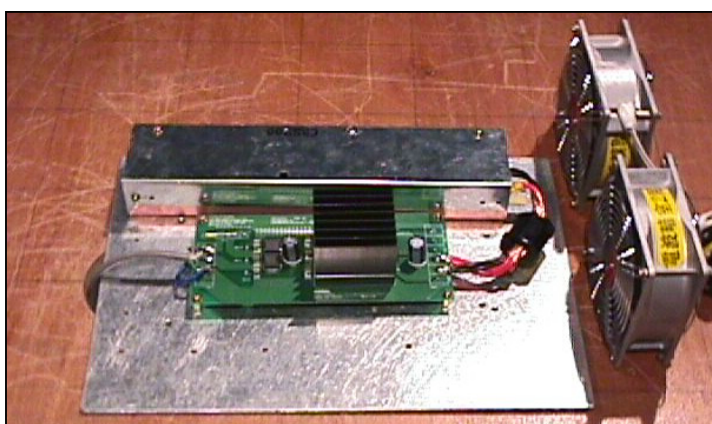
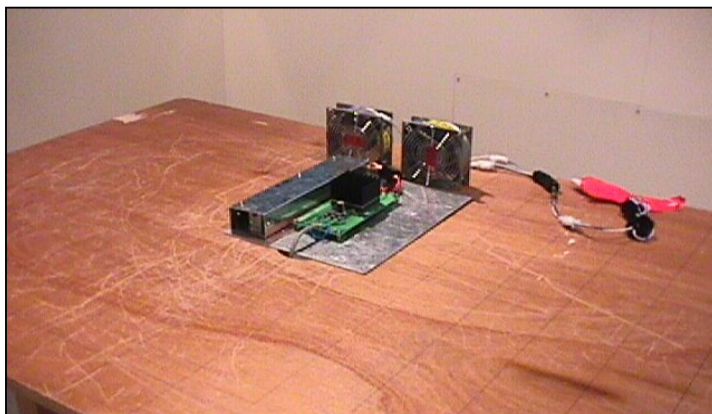
BL: Biconi-Log

Conditions

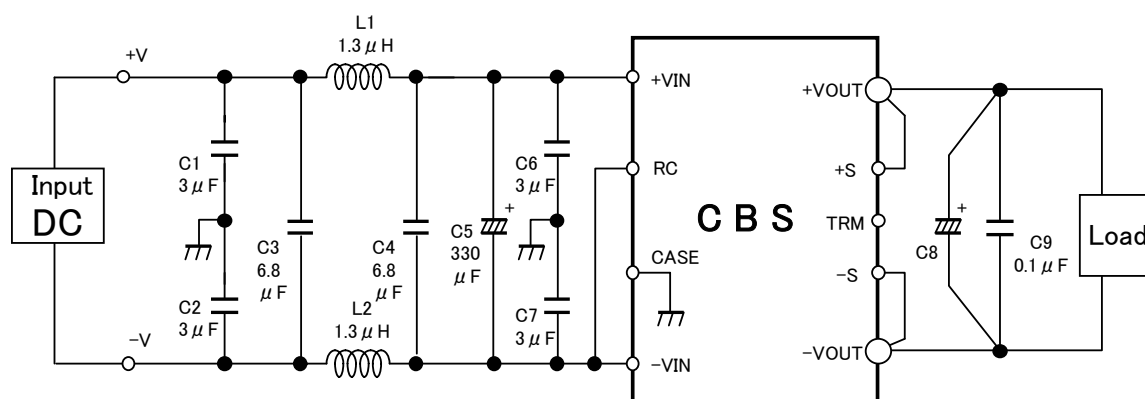
Date 2002/4/17

Test : RADIATED EMISSION
Model Name : CBS20024

○Photographs of Test Set-Up



○Testing circuitry



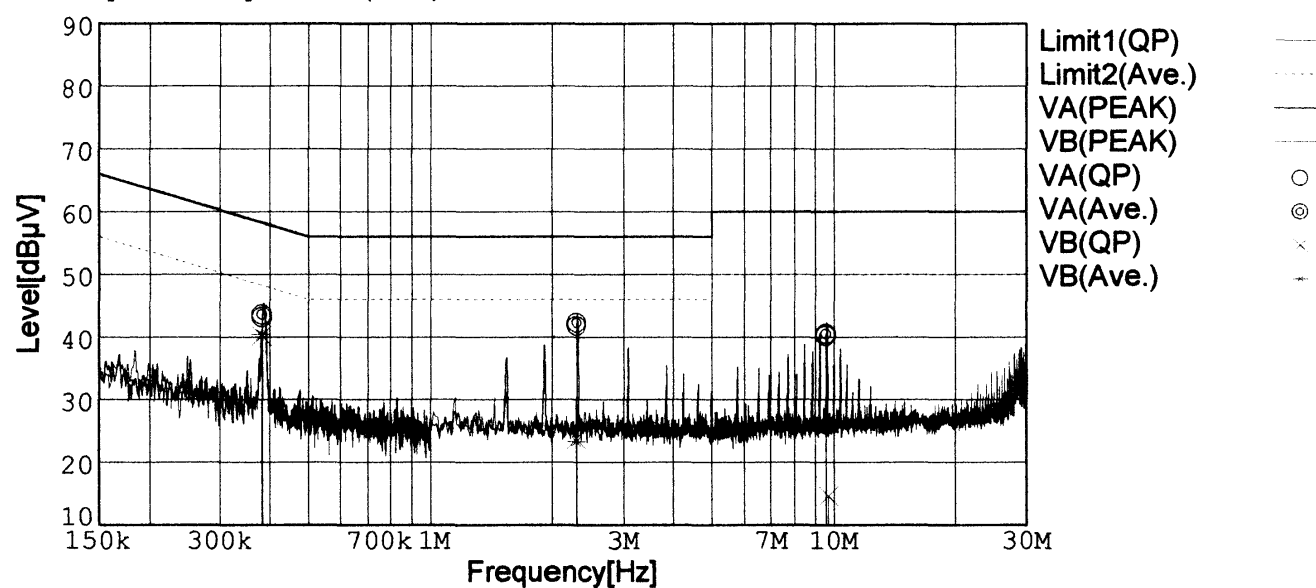
- L1、L2 : ETQP6F1R3LFA (MATSUSHITA)
C1、C2、C6、C7 : CY55Y5P2A305M (TOKIN)
C3、C4 : CY55Y5U2A685S (TOKIN)
C5 : 50V 330 μ F PMseries (nichicon)
C8 : CBS2002403/05 10V 2200 μ F LXZseries (NIPPON CHEMI-CON)
CBS2002412/15 25V 1000 μ F LXZseries (NIPPON CHEMI-CON)
CBS2002424/28 35V 470 μ F LXZseries (NIPPON CHEMI-CON)
C9 : MDD21H104M (Nitsuko)

Fig. Testing circuitry

LINE CONDUCTION

Model Name : 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 : 2002/3/4 21:54
 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]
0.3827	33.4	33.8	9.8	43.2	43.6	VA	58.2	48.2	15.0	4.6
2.2935	31.8	32.4	9.9	41.7	42.3	VA	56.0	46.0	14.3	3.7
9.5469	30.1	30.4	10.1	40.2	40.5	VA	60.0	50.0	19.8	9.5
0.3813	30.4	30.6	9.8	40.2	40.4	VB	58.3	48.3	18.1	7.9
2.2913	13.9	13.4	9.9	23.8	23.3	VB	56.0	46.0	32.2	22.7
9.6973	4.5	-0.5	10.1	14.6	9.6	VB	60.0	50.0	45.4	40.4

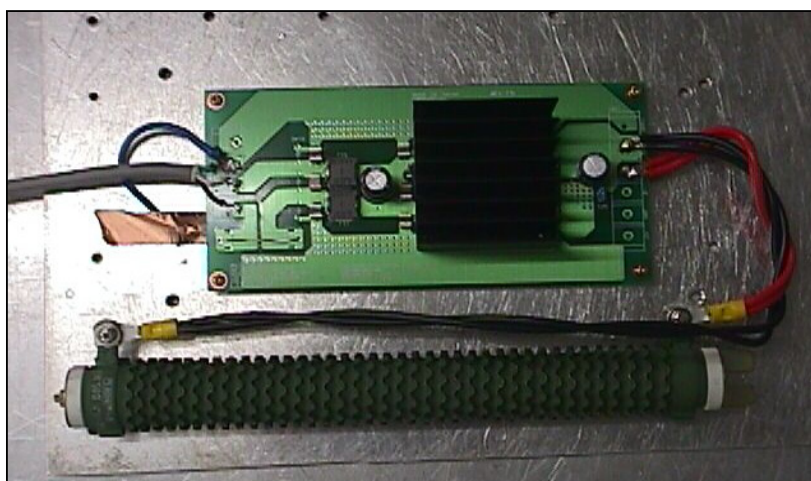
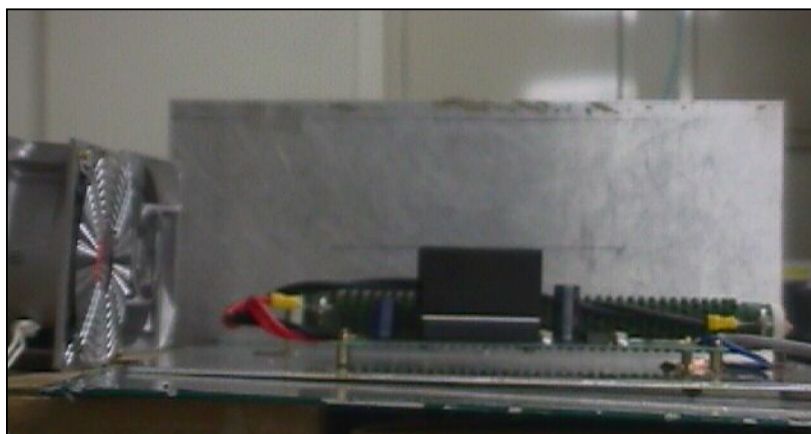
Conditions

Date 2002/4/17

Test : LINE CONDUCTION

Model Name : CBS20024

○Photographs of Test Set-Up



○Testing circuitry

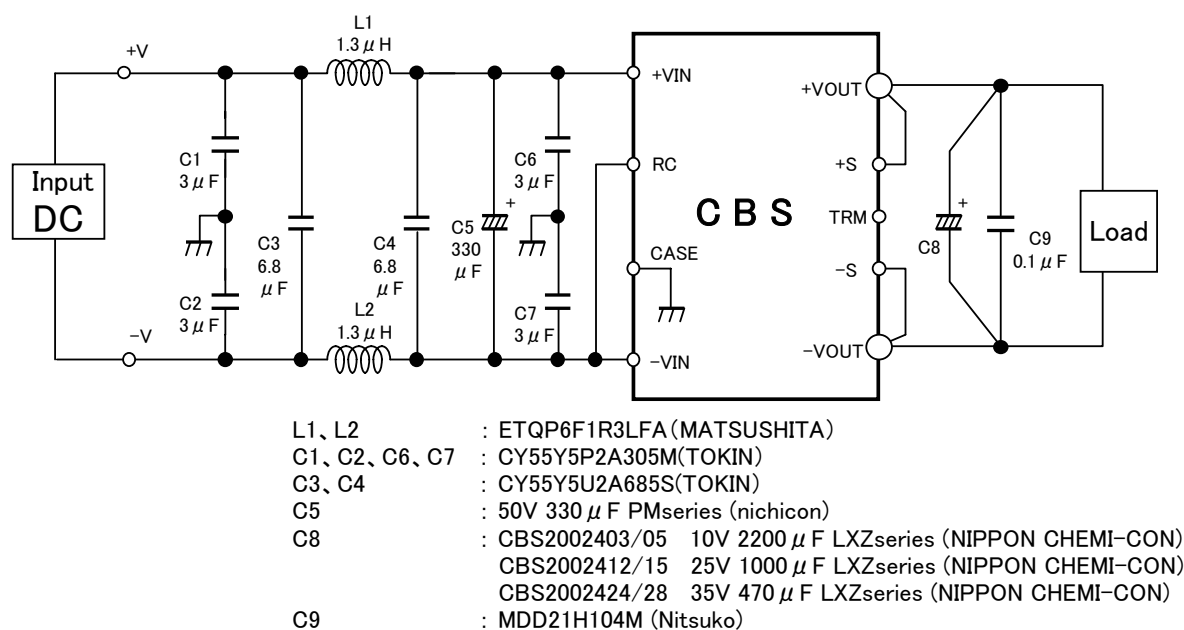


Fig. Testing circuitry