

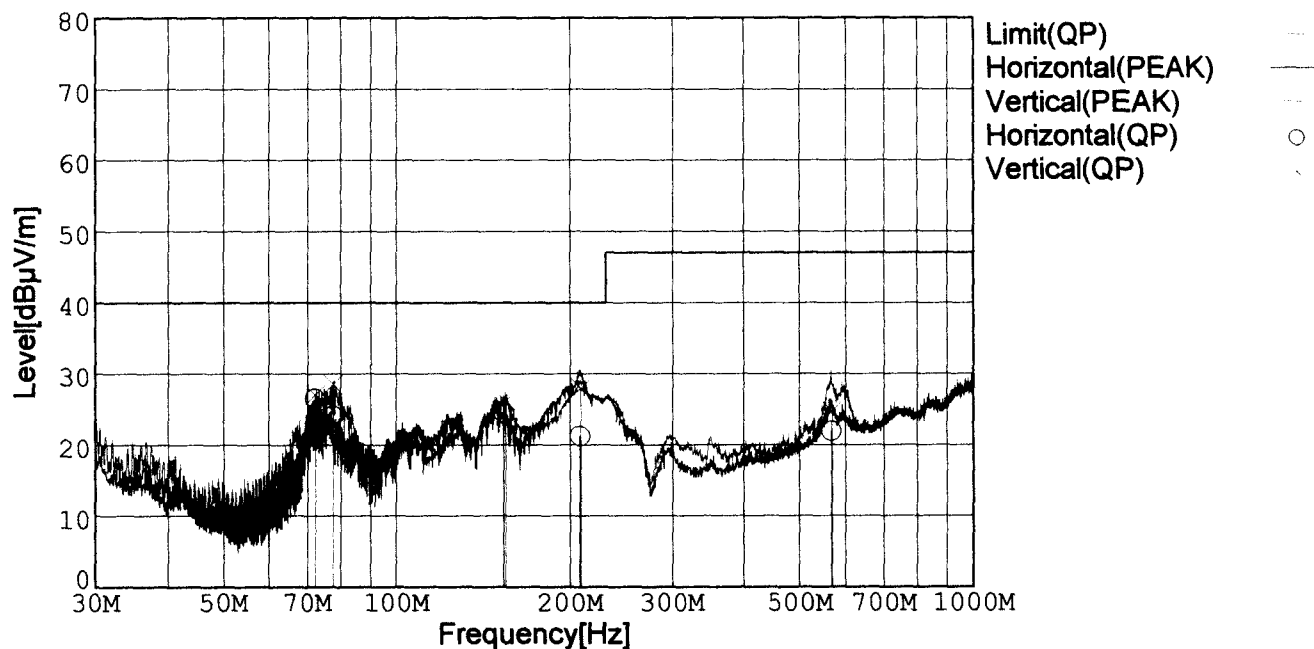


RADIATED EMISSION

Model Name : CBS1004828
 Model No. :
 Serial No. :
 Points : 5
 Detector : PEAK/QP
 Polarization : Hori. & Vert.

Tested by : K.Kinoshita
 Temp. : 25degC
 Humi. : 40%
 Date : 2001/3/6 10:42
 Test Equip. : R3132,ESPC
 Comment : DC48V Io=3.6

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]
72.326	52.3	BL	5.9	-31.7	26.5	137	158	Hori.	40.0	13.5
77.594	49.1	BL	6.7	-31.7	24.1	261	159	Hori.	40.0	15.9
153.719	45.5	BL	10.3	-31.4	24.4	304	158	Hori.	40.0	15.6
207.973	43.6	BL	8.7	-31.1	21.2	94	158	Hori.	40.0	18.8
567.293	31.7	BL	20.2	-30.0	21.9	260	104	Hori.	47.0	25.1
72.315	52.9	BL	5.9	-31.7	27.1	5	101	Vert.	40.0	12.9
77.606	53.5	BL	6.7	-31.7	28.5	188	111	Vert.	40.0	11.5
154.797	47.3	BL	10.3	-31.4	26.2	251	158	Vert.	40.0	13.8
208.637	50.4	BL	8.7	-31.1	28.0	170	117	Vert.	40.0	12.0
568.361	34.6	BL	20.1	-30.0	24.7	347	158	Vert.	47.0	22.3

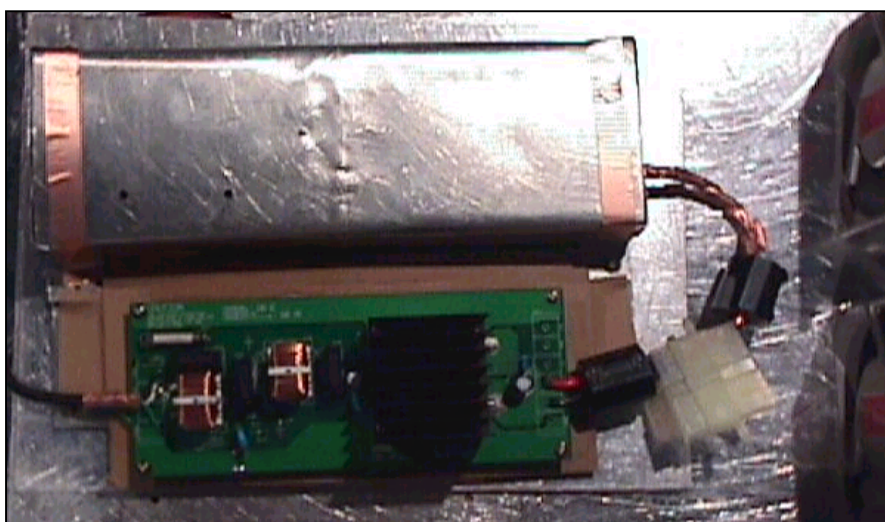
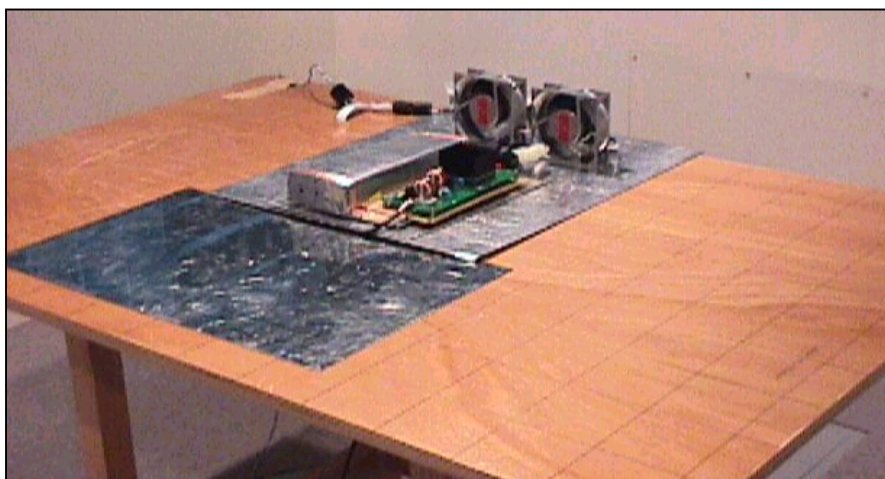
BL: Biconi-Log

Conditions

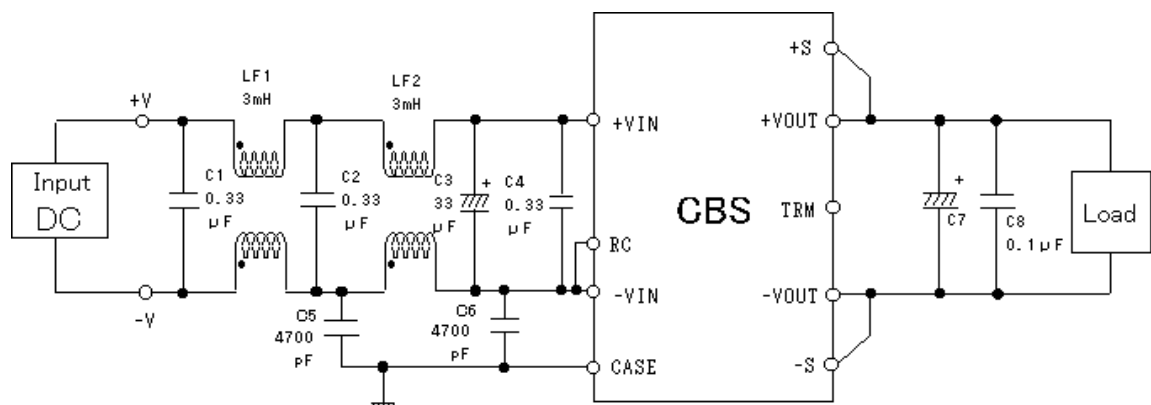
Date 2001/3/7

Test : RADIATED EMISSION
 Model Name : CBS10048

○Photographs of Test Set-Up



○Testing circuitry



L1, L2 : SC-05-80J (TOKIN)
 C1, C2, C4 : CFJC22E334M (Nitsuko)
 C3 : 100V 33 μF PMseries (nichicon)
 C5, C6 : DE1807-640E472M-KH (MURATA)
 C7 : CBS1004803,05 10V 2200 μF LXZseries (NIPPON CHEMI-CON)
 CBS1004812,15 25V 470 μF LXZseries (NIPPON CHEMI-CON)
 CBS1004824,28 35V 220 μF LXZseries (NIPPON CHEMI-CON)
 C8 : MDD21H104M (Nitsuko)

Fig. Testing circuitry



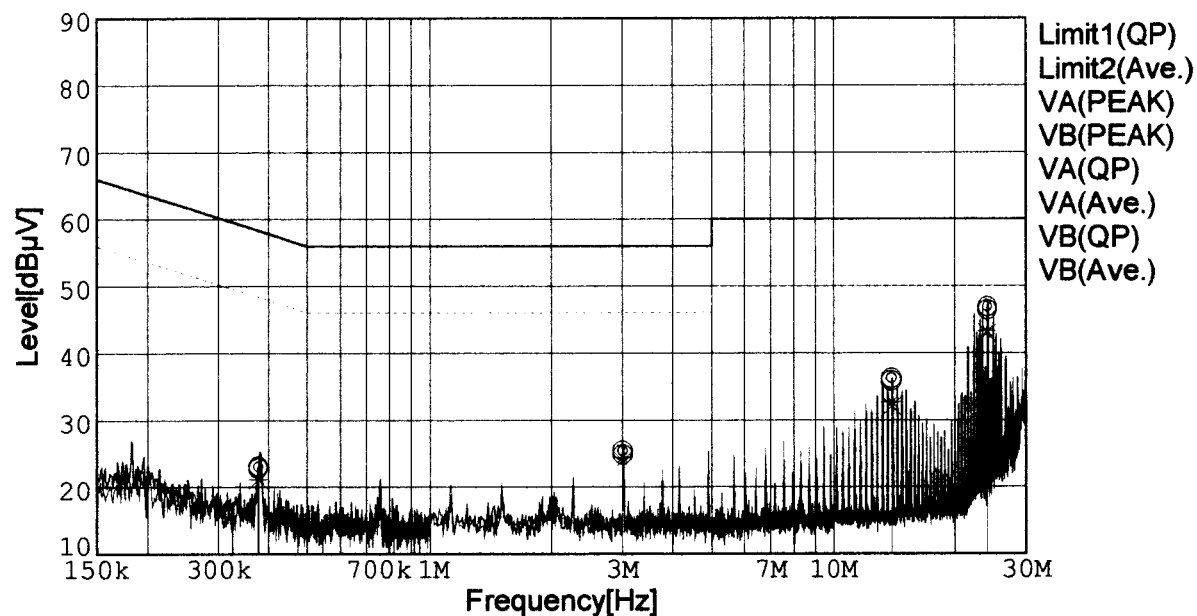
LINE CONDUCTION

Model Name : CBS1004828
 Model No. :
 Serial No. :
 Points : 4
 Detector : PEAK/QP/Ave.
 Line Mode : VA/VB

Tested by : K.Kinoshita
 Temp. : 25degC
 Humi. : 40%
 Date : 2001/3/6 10:02
 Test Equip. : R3132,ESPC
 Comment : DC48V Io=3.6

Limit1: [EN 55022] Class B(QP)

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



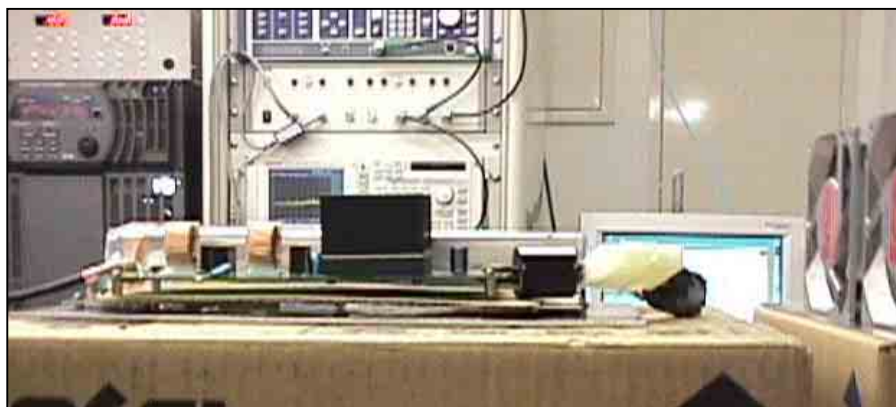
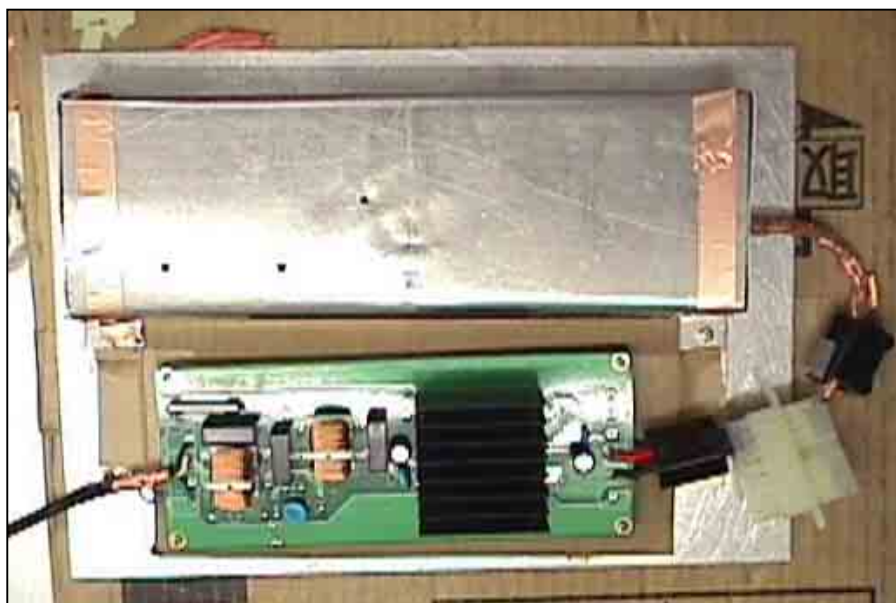
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3759	13.0	13.3	9.8	22.8	23.1	VA	58.4	48.4	35.6	25.3
3.0058	15.0	15.5	9.9	24.9	25.4	VA	56.0	46.0	31.1	20.6
13.8955	25.7	26.1	10.1	35.8	36.2	VA	60.0	50.0	24.2	13.8
24.0289	36.1	36.6	10.3	46.4	46.9	VA	60.0	50.0	13.6	3.1
0.3764	11.4	11.4	9.8	21.2	21.2	VB	58.4	48.4	37.2	27.2
3.0029	14.0	14.5	9.9	23.9	24.4	VB	56.0	46.0	32.1	21.6
13.8933	21.9	22.6	10.1	32.0	32.7	VB	60.0	50.0	28.0	17.3
24.0278	32.6	33.0	10.3	42.9	43.3	VB	60.0	50.0	17.1	6.7

Conditions

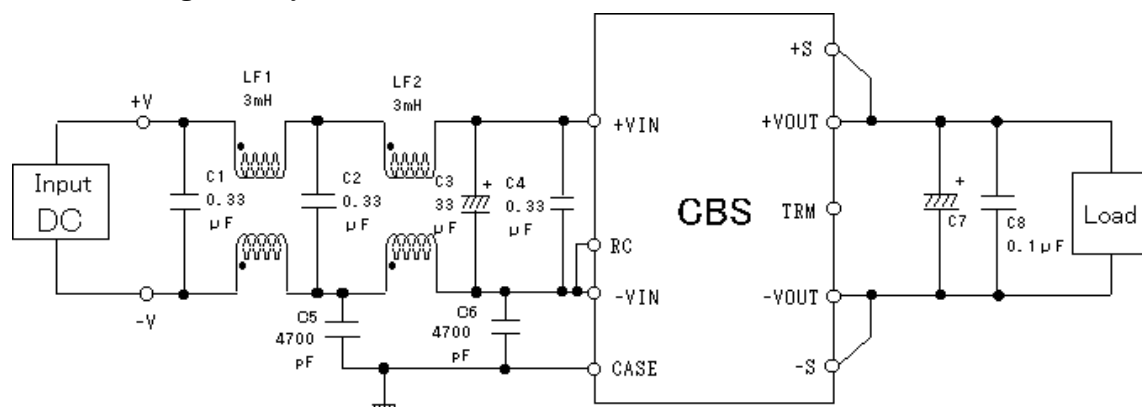
Date 2001/3/7

Test : LINE CONDUCTION
Model Name : CBS10048

Photographs of Test Set-Up



Testing circuitry



- L1, L2 : SC-05-30J (TOKIN)
C1, C2, C4 : CFJC22E334M (Nitsuko)
C3 : 100V 33μF PMseries (nichicon)
C5, C6 : DE1307-640E472M-KH (MURATA)
C7 : CBS1004803,05 10V 2200μF LXZseries (NIPPON CHEMI-CON)
CBS1004812,15 25V 470μF LXZseries (NIPPON CHEMI-CON)
CBS2004824,28 35V 220μF LXZseries (NIPPON CHEMI-CON)
C8 : MDD21H104M (Nitsuko)

Fig. Testing circuitry