

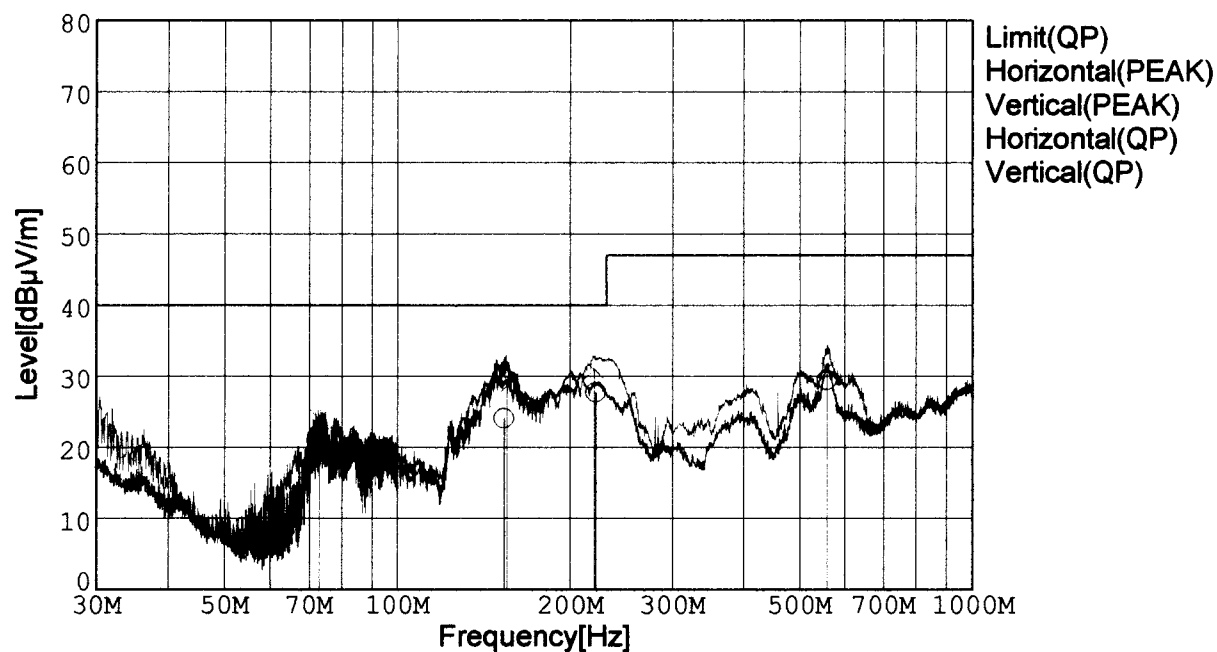


RADIATED EMISSION

Model Name : CBS2004824
 Model No. :
 Serial No. :
 Points : 4
 Detector : PEAK/QP
 Polarization : Hori. & Vert.

Tested by : K.Kinoshita
 Temp. : 25degC
 Humi. : 40%
 Date : 2001/3/5 14:48
 Test Equip. : R3132,ESPC
 Comment : DC48V Io=8.4A

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]
72.979	45.9	BL	6.0	-31.7	20.2	148	159	Hori.	40.0	19.8
153.386	45.1	BL	10.4	-31.4	24.1	286	155	Hori.	40.0	15.9
220.896	49.8	BL	9.0	-31.1	27.7	98	157	Hori.	40.0	12.3
558.622	38.9	BL	20.7	-30.1	29.5	346	158	Hori.	47.0	17.5
72.981	49.6	BL	6.0	-31.7	23.9	4	101	Vert.	40.0	16.1
155.273	49.8	BL	10.2	-31.3	28.7	267	155	Vert.	40.0	11.3
219.618	53.2	BL	8.9	-31.1	31.0	147	126	Vert.	40.0	9.0
558.267	40.5	BL	20.7	-30.1	31.1	352	153	Vert.	47.0	15.9

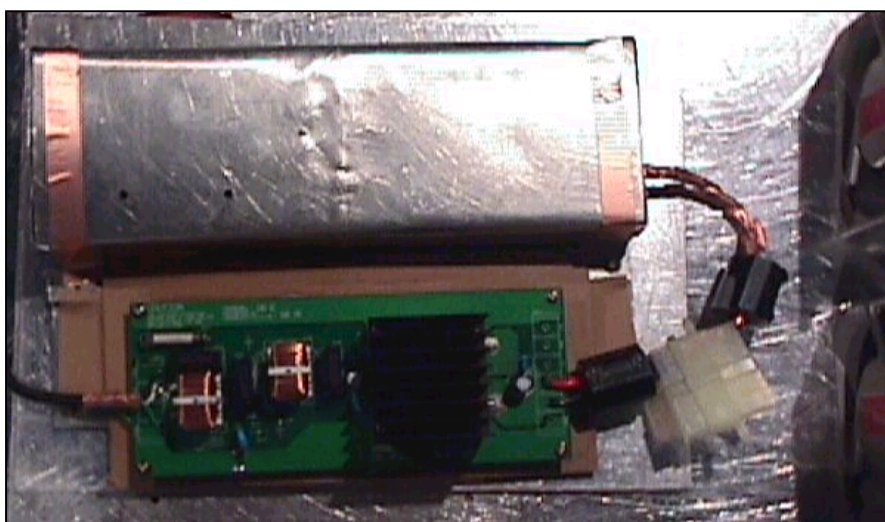
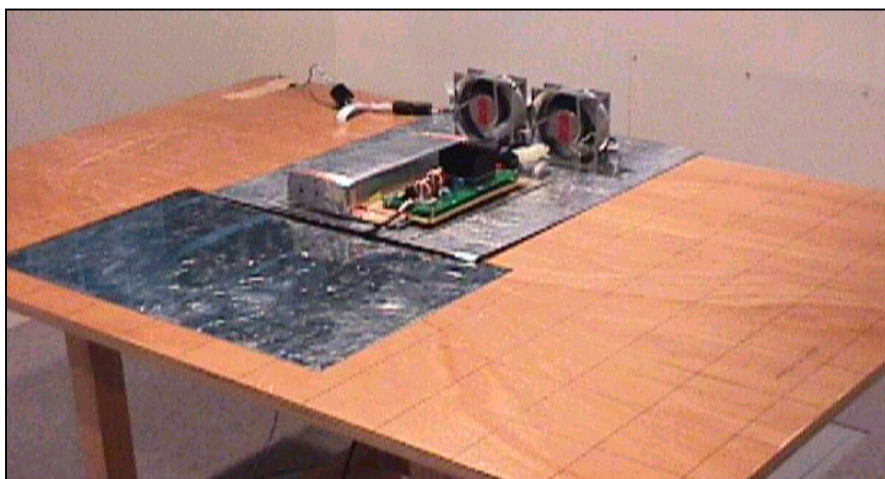
BL: Biconi-Log

Conditions

Date 2001/3/7

Test : RADIATED EMISSION
 Model Name : CBS20048

○Photographs of Test Set-Up



○Testing circuitry

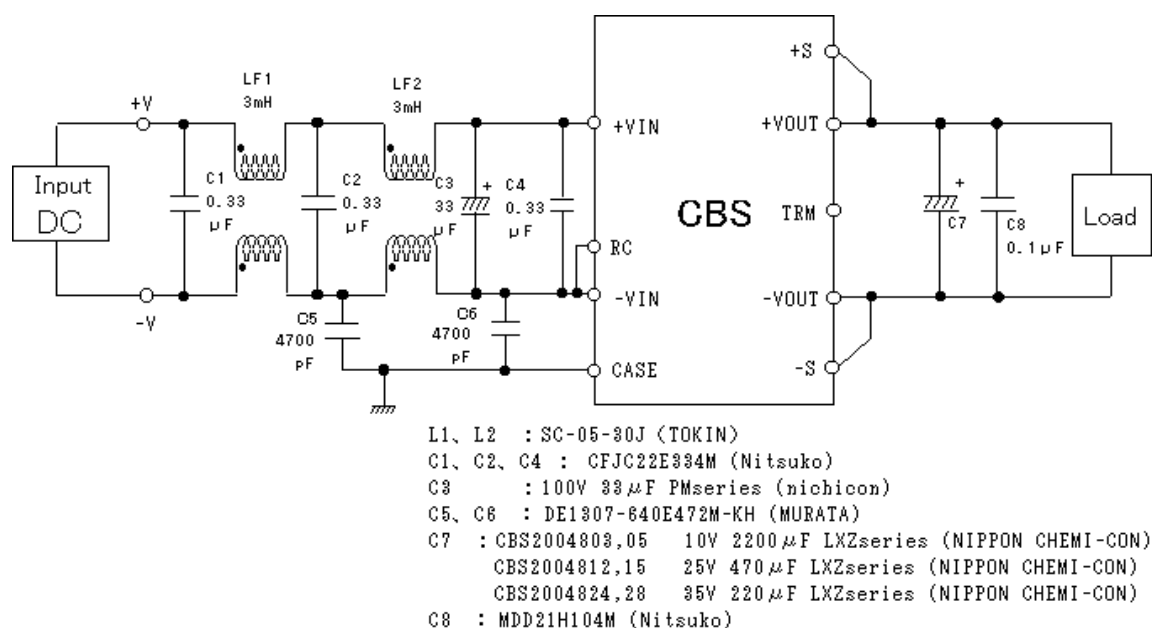


Fig. Testing circuitry

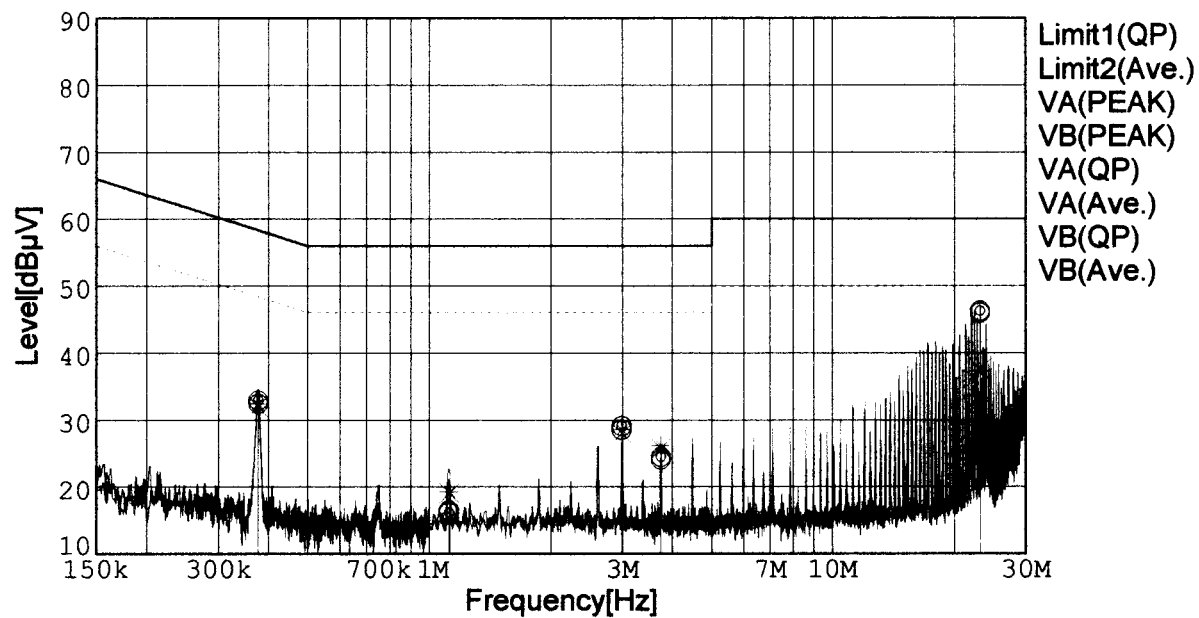
LINE CONDUCTION

Model Name : CBS2004824
 Model No. :
 Serial No. :
 Points : 5
 Detector : PEAK/QP/Ave.
 Line Mode : VA/VB

Tested by : K.Kinoshita
 Temp. : 25degC
 Humi. : 40%
 Date : 2001/3/5 13:37
 Test Equip. : R3132,ESPC
 Comment : DC48V Io=8.4A

Limit1: [EN 55022] Class B(QP)

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



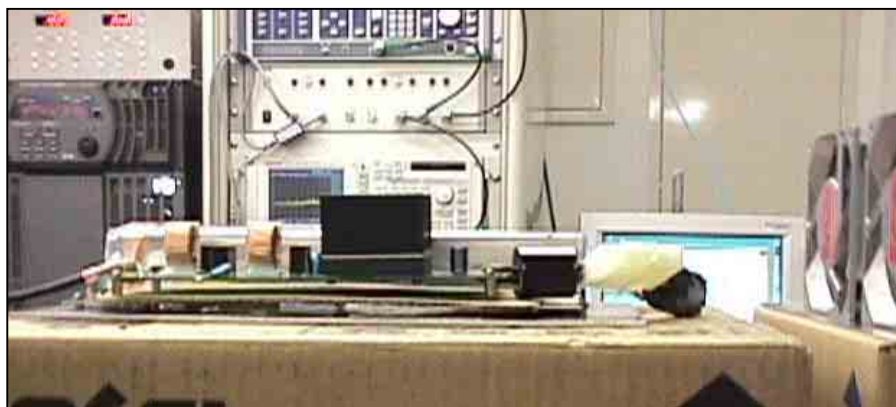
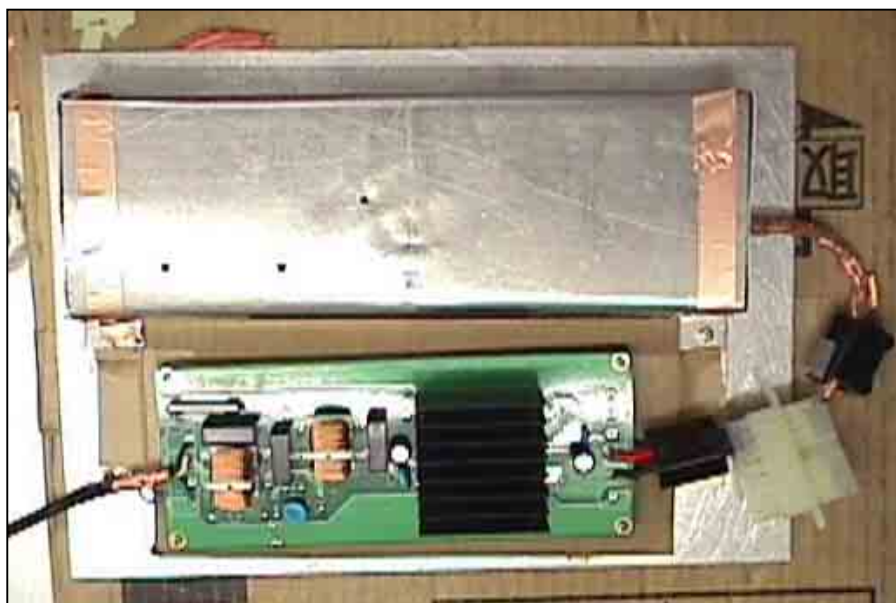
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3761	22.6	23.1	9.8	32.4	32.9	VA	58.4	48.4	26.0	15.5
1.1232	6.5	6.2	9.9	16.4	16.1	VA	56.0	46.0	39.6	29.9
2.9919	18.6	19.1	9.9	28.5	29.0	VA	56.0	46.0	27.5	17.0
3.7396	14.2	14.6	9.9	24.1	24.5	VA	56.0	46.0	31.9	21.5
23.1735	35.7	35.9	10.3	46.0	46.2	VA	60.0	50.0	14.0	3.8
0.3754	22.2	22.6	9.8	32.0	32.4	VB	58.4	48.4	26.4	16.0
1.1256	9.2	9.3	9.9	19.1	19.2	VB	56.0	46.0	36.9	26.8
2.9913	18.1	18.6	9.9	28.0	28.5	VB	56.0	46.0	28.0	17.5
3.7387	15.8	16.3	9.9	25.7	26.2	VB	56.0	46.0	30.3	19.8
23.1711	27.2	27.0	10.3	37.5	37.3	VB	60.0	50.0	22.5	12.7

Conditions

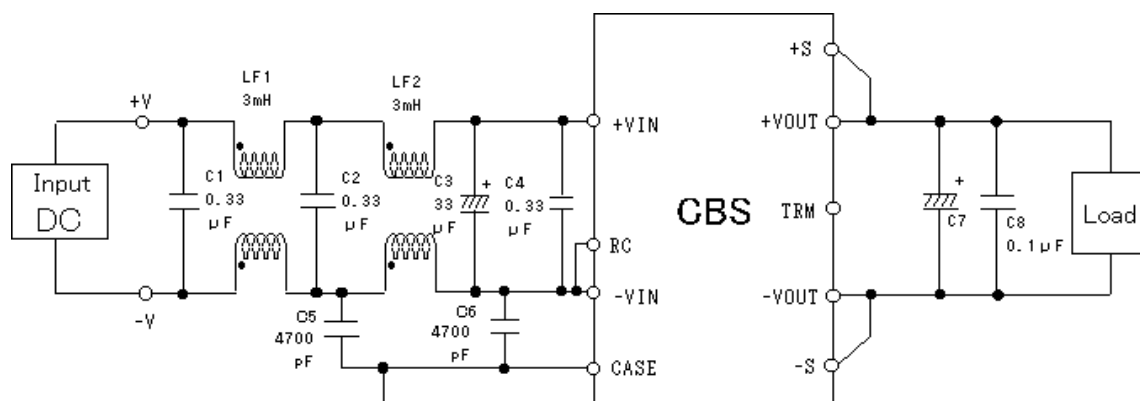
Date 2001/3/7

Test : LINE CONDUCTION
Model Name : CBS20048

Photographs of Test Set-Up



Testing circuitry



- L1, L2 : SC-05-30J (TOKIN)
C1, C2, C4 : CFJC22E334M (Nitsuko)
C3 : 100V 33 μ F PMseries (nichicon)
C5, C6 : DE1307-640E472M-KH (MURATA)
C7 : CBS2004803,05 10V 2200 μ F LXZseries (NIPPON CHEMI-CON)
CBS2004812,15 25V 1000 μ F LXZseries (NIPPON CHEMI-CON)
CBS2004824,28 35V 470 μ F LXZseries (NIPPON CHEMI-CON)
C8 : MDD21H104M (Nitsuko)

Fig. Testing circuitry