



RADIATED EMISSION

Model Name : CBS1004812

Model No. :

Serial No. :

Points : 2

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : K.Kinoshita

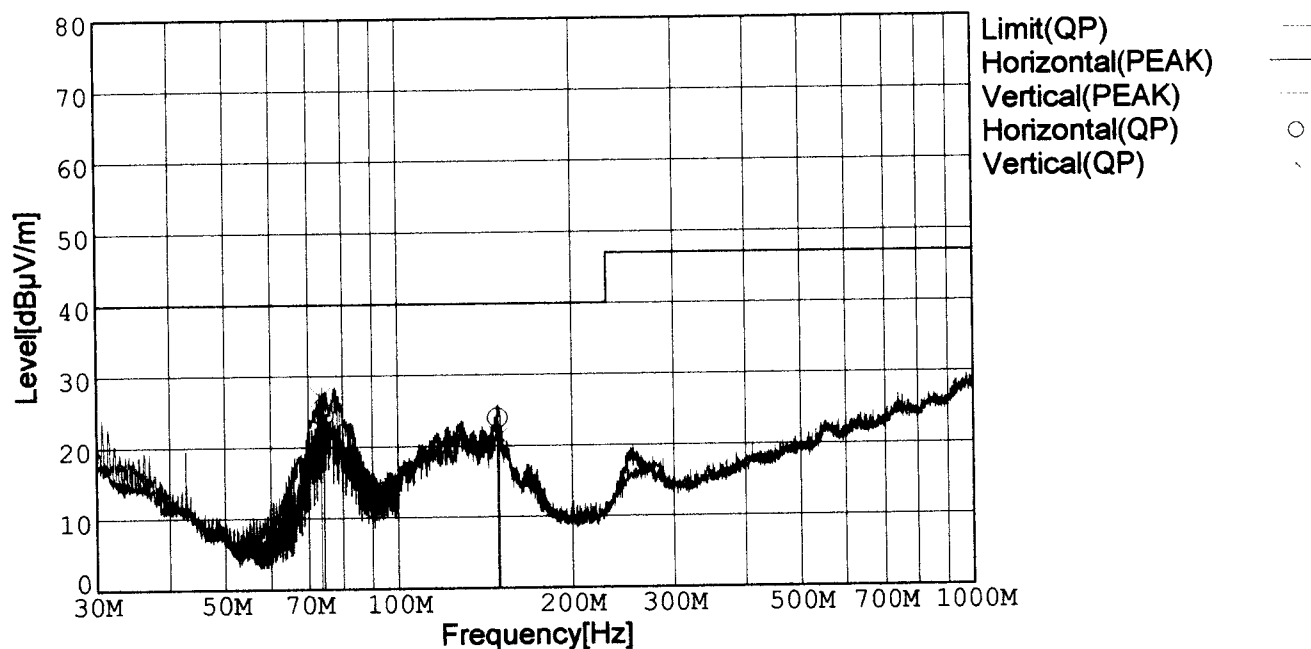
Temp. : 25degC

Humi. : 40%

Date : 2001/3/7 11:42

Test Equip. : R3132,ESPC

Comment : DC48V Io=8.4A



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]
74.344	49.8	BL	6.3	-31.7	24.4	280	160	Hori.	40.0	15.6
149.112	44.7	BL	10.6	-31.4	23.9	298	159	Hori.	40.0	16.1
73.567	52.7	BL	6.1	-31.7	27.1	4	104	Vert.	40.0	12.9
150.103	42.1	BL	10.6	-31.4	21.3	58	154	Vert.	40.0	18.7

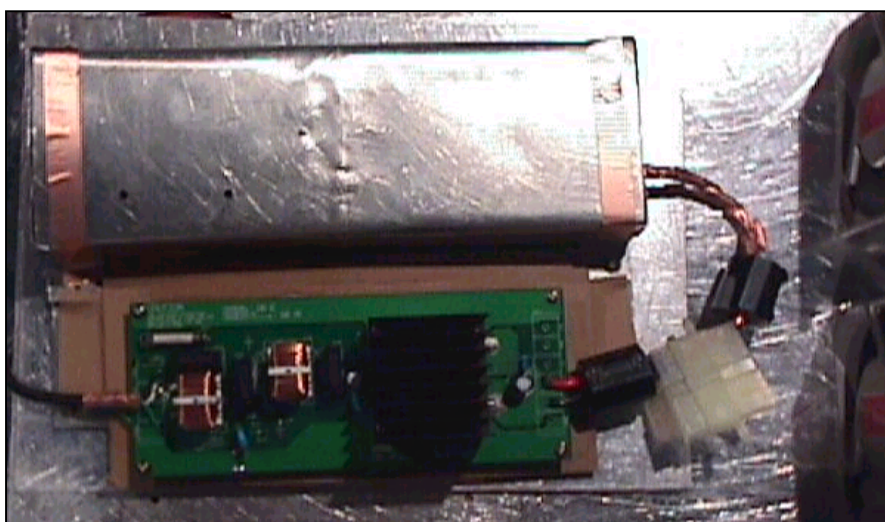
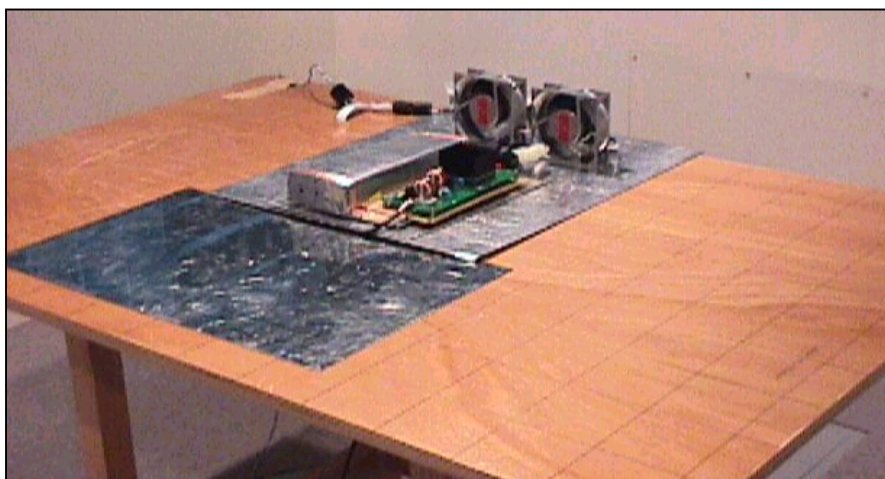
BL: Biconi-Log

Conditions

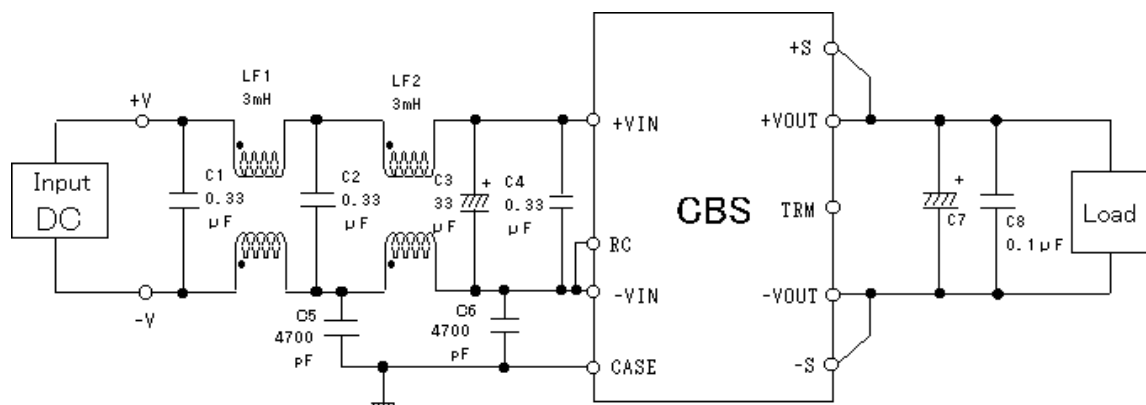
Date 2001/3/7

Test : RADIATED EMISSION
Model Name : CBS10048

○Photographs of Test Set-Up



○Testing circuitry



L1, L2 : SC-05-30J (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



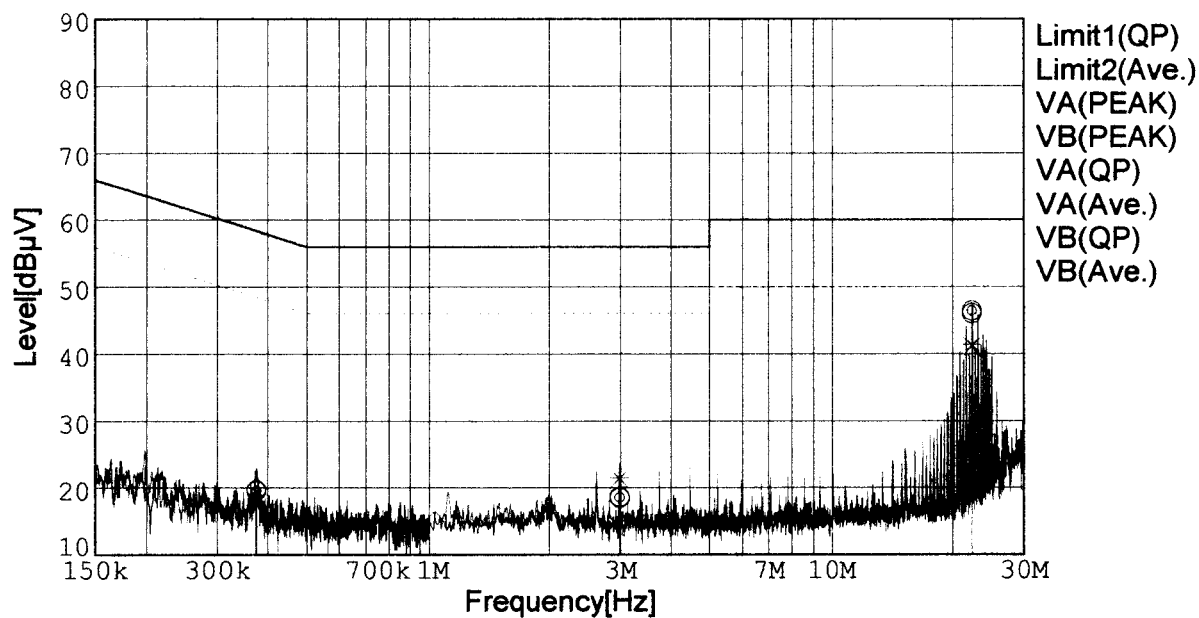
LINE CONDUCTION

Model Name : CBS1004812
 Model No. :
 Serial No. :
 Points : 3
 Detector : PEAK/QP/Ave.
 Line Mode : VA/VB

Tested by : K.Kinoshita
 Temp. : 25degC
 Humi. : 40%
 Date : 2001/3/7 13:02
 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]
0.3741	9.9	9.7	9.8	19.7	19.5	VA	58.4	48.4	38.7	28.9
2.9850	8.7	8.6	9.9	18.6	18.5	VA	56.0	46.0	37.4	27.5
22.3515	35.7	36.1	10.3	46.0	46.4	VA	60.0	50.0	14.0	3.6
0.3725	8.1	7.6	9.8	17.9	17.4	VB	58.5	48.5	40.6	31.1
2.9803	11.4	11.6	9.9	21.3	21.5	VB	56.0	46.0	34.7	24.5
22.3493	30.8	31.1	10.3	41.1	41.4	VB	60.0	50.0	18.9	8.6

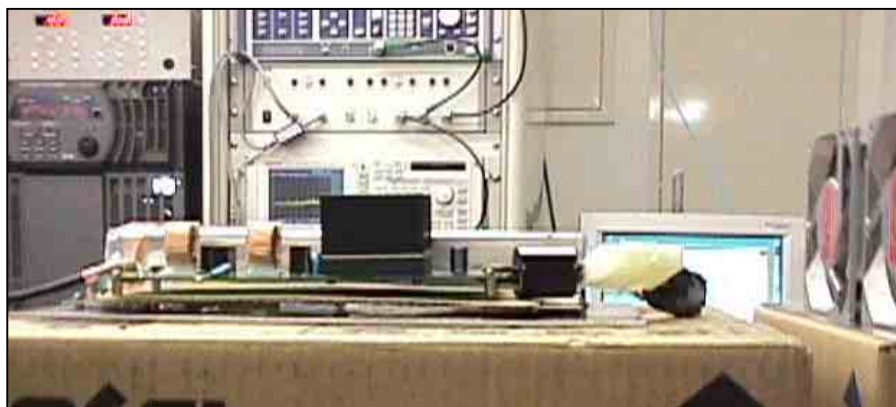
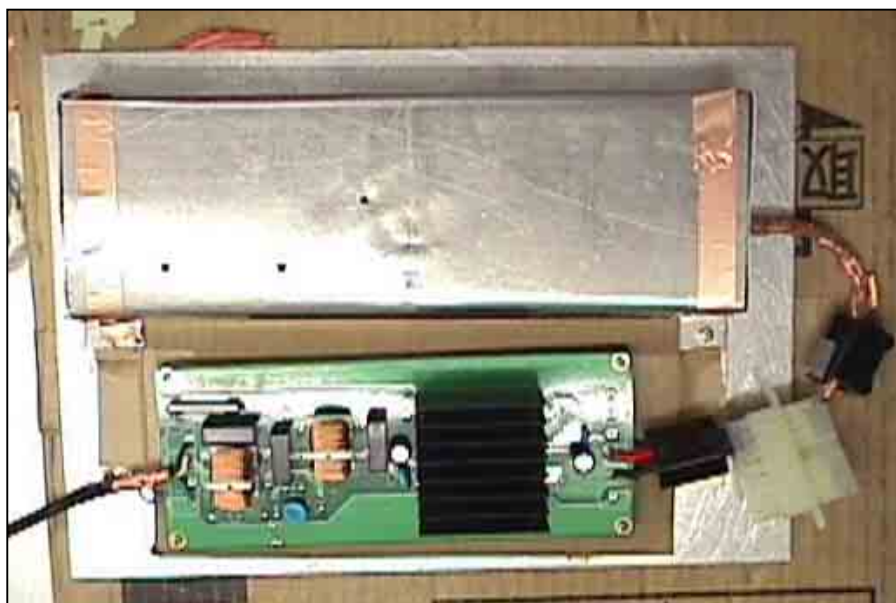
Conditions

Date 2001/3/7

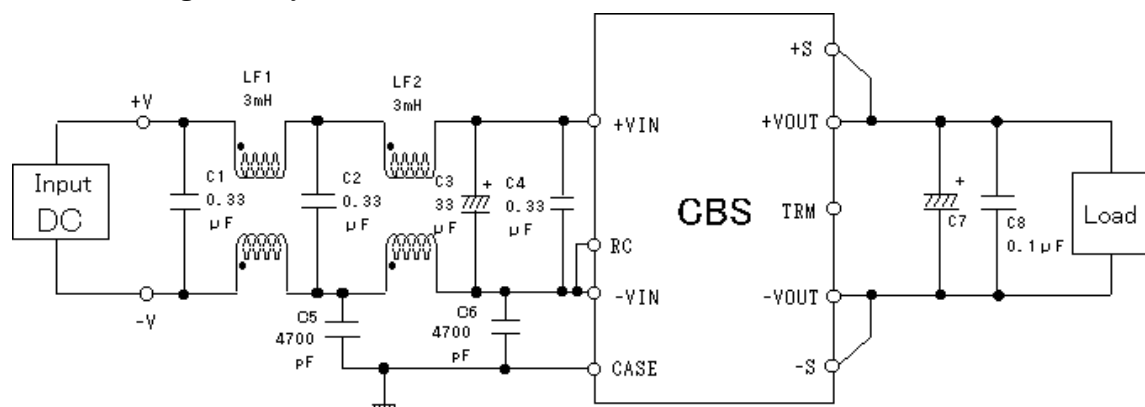
Test : LINE CONDUCTION

Model Name : CBS10048

Photographs of Test Set-Up



Testing circuitry



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 CBS2004824,28 35V 220 μ F LXZseries (NIPPON CHEMI-CON)
 C8 : MDD21H104M (Nitsuko)

Fig. Testing circuitry