



# RADIATED EMISSION

Model Name : CBS1004803

Model No. :

Serial No. :

Points : 4

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : K.Kinoshita

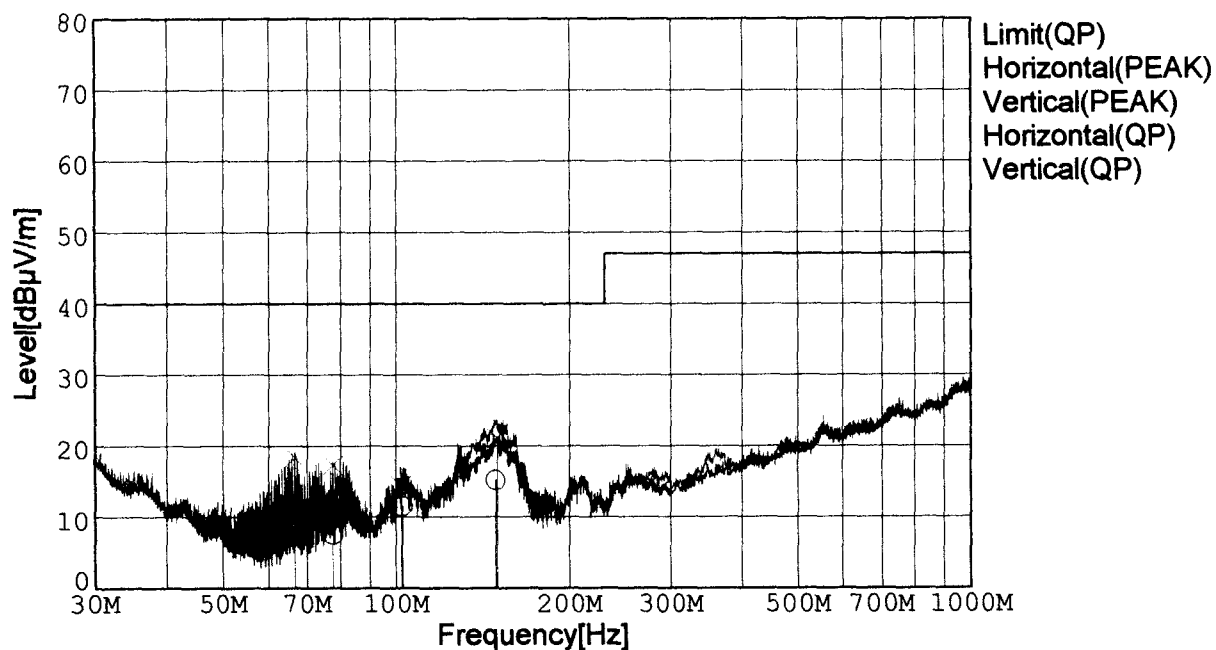
Temp. : 25degC

Humi. : 40%

Date : 2001/3/2 21:16

Test Equip. : R3132,ESPC

Comment : DC48V Io=23.4A



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]
66.700	35.5	BL	5.0	-31.8	8.7	130	156	Hori.	40.0	31.3
77.617	32.6	BL	6.7	-31.7	7.6	335	123	Hori.	40.0	32.4
102.532	33.1	BL	10.0	-31.6	11.5	292	141	Hori.	40.0	28.5
148.742	36.0	BL	10.6	-31.4	15.2	103	158	Hori.	40.0	24.8
66.694	45.1	BL	5.0	-31.8	18.3	190	109	Vert.	40.0	21.7
77.626	42.3	BL	6.7	-31.7	17.3	137	136	Vert.	40.0	22.7
102.102	36.1	BL	9.9	-31.6	14.4	52	131	Vert.	40.0	25.6
149.607	41.9	BL	10.6	-31.4	21.1	168	158	Vert.	40.0	18.9

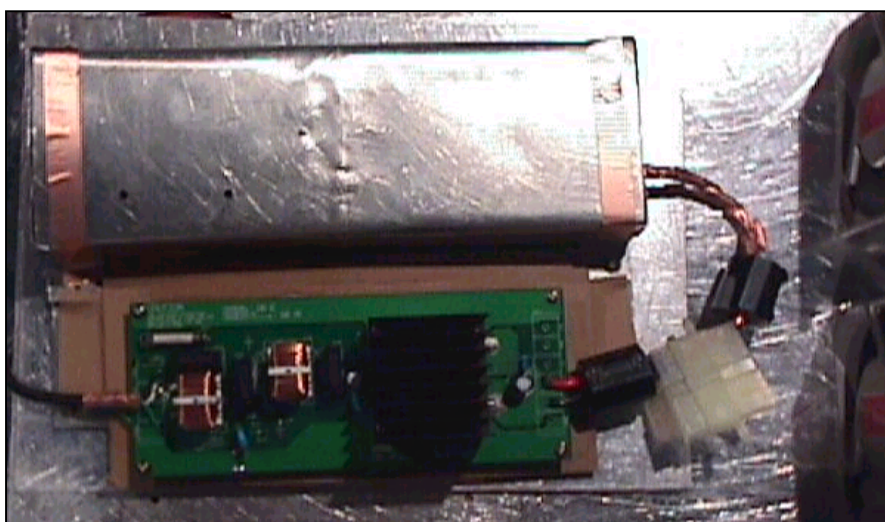
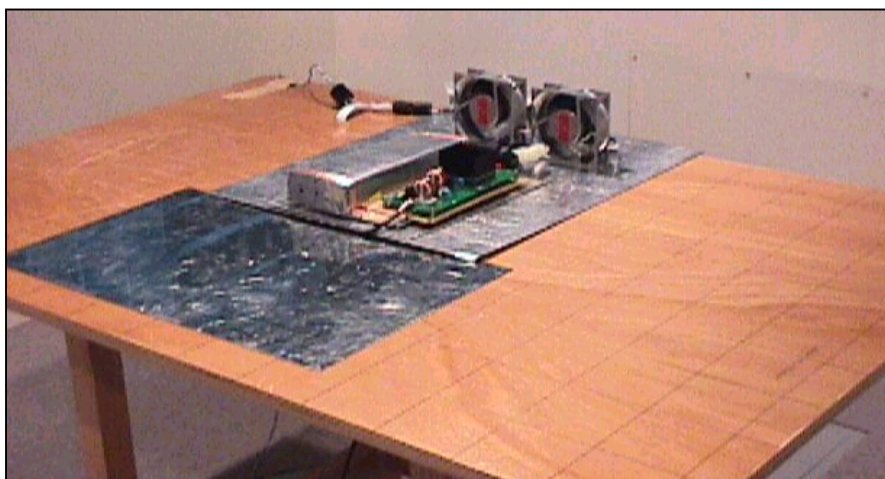
BL: Biconi-Log

## Conditions

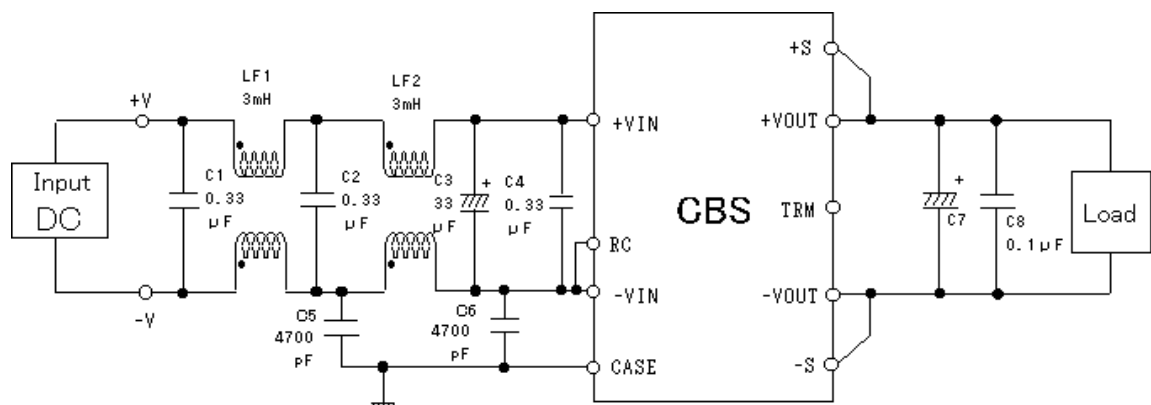
Date 2001/3/7

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



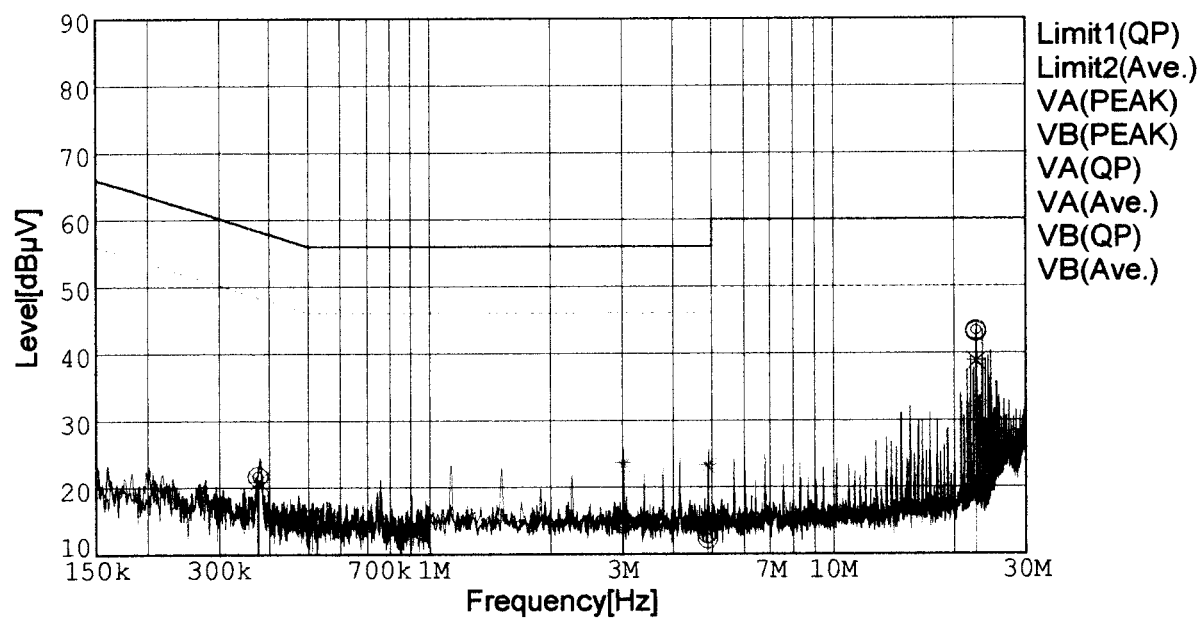
# LINE CONDUCTION

Model Name : CBS1004803  
 Model No. :  
 Serial No. :  
 Points : 5  
 Detector : PEAK/QP/Ave.  
 Line Mode : VA/VB

Tested by : K.Kinoshita  
 Temp. : 25degC  
 Humi. : 40%  
 Date : 2001/3/2 20:46  
 Test Equip. : R3132,ESPC  
 Comment : DC48V Io=23.4A

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]
0.3750	11.9	11.9	9.8	21.7	21.7	VA	58.4	48.4	36.7	26.7
3.0059	5.1	4.7	9.9	15.0	14.6	VA	56.0	46.0	41.0	31.4
4.8910	3.1	2.3	10.0	13.1	12.3	VA	56.0	46.0	42.9	33.7
22.5691	32.8	33.0	10.3	43.1	43.3	VA	60.0	50.0	16.9	6.7
0.3770	11.2	11.1	9.8	21.0	20.9	VB	58.4	48.4	37.4	27.5
3.0079	13.4	13.8	9.9	23.3	23.7	VB	56.0	46.0	32.7	22.3
4.8890	13.0	13.4	10.0	23.0	23.4	VB	56.0	46.0	33.0	22.6
22.5693	28.4	28.6	10.3	38.7	38.9	VB	60.0	50.0	21.3	11.1

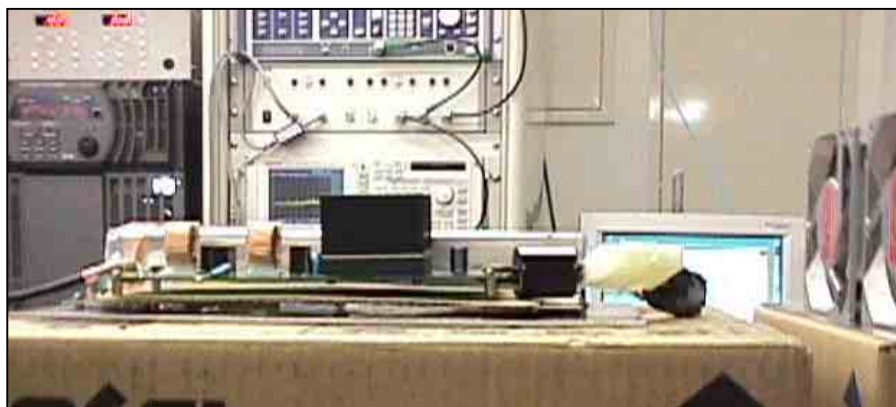
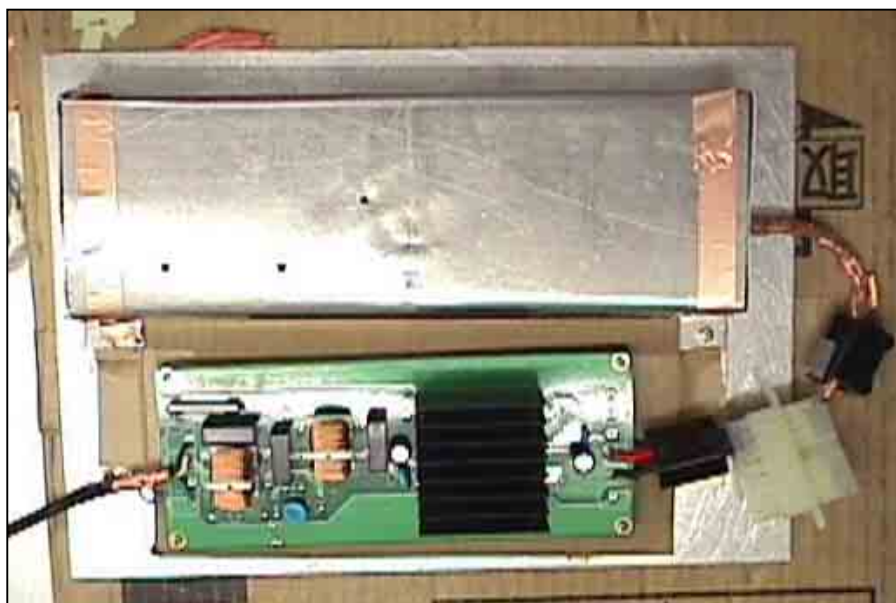
## Conditions

Date 2001/3/7

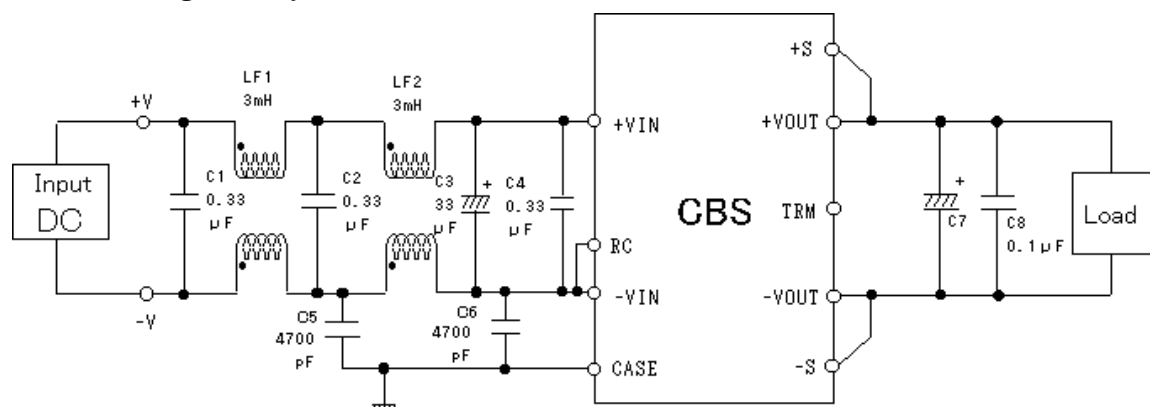
Test : LINE CONDUCTION

Model Name : CBS10048

Photographs of Test Set-Up



Testing circuitry



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

Fig. Testing circuitry