



# RADIATED EMISSION

Model Name : CBS504812

Model No. :

Serial No. :

Points : 4

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : K.Kinoshita

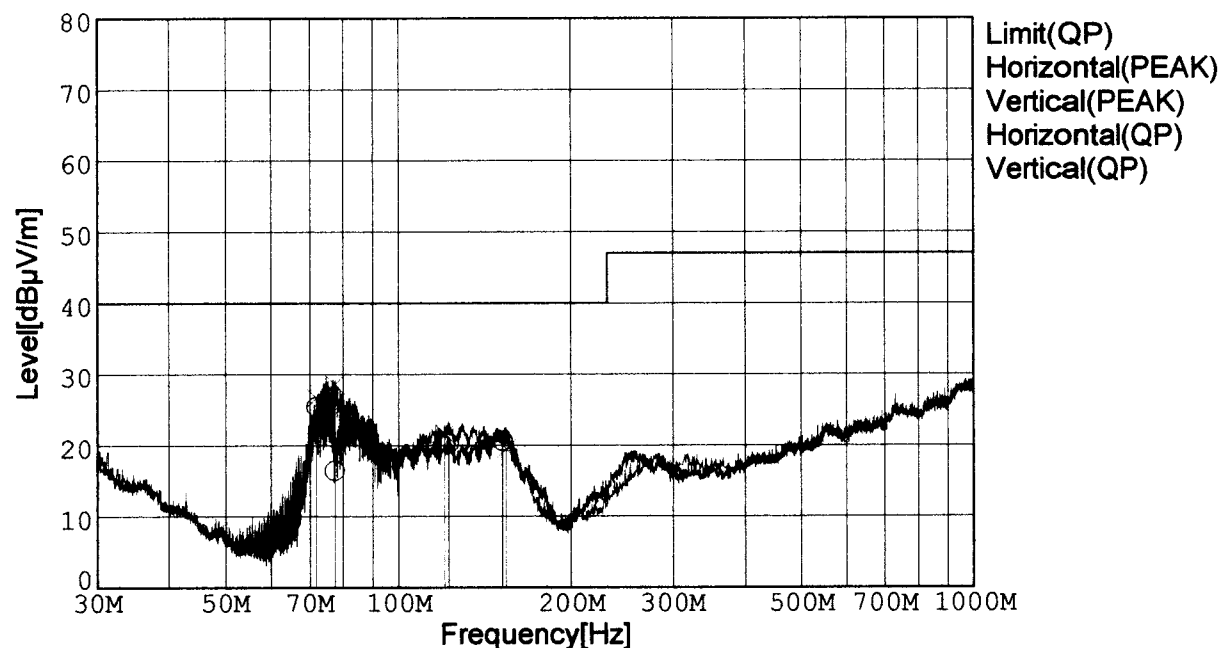
Temp. : 25degC

Humi. : 40%

Date : 2001/3/7 15:13

Test Equip. : R3132,ESPC

Comment : DC48V Io=4.2A



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]
71.902	51.4	BL	5.8	-31.8	25.4	123	143	Hori.	40.0	14.6
77.432	41.4	BL	6.7	-31.7	16.4	31	157	Hori.	40.0	23.6
122.336	40.8	BL	11.0	-31.5	20.3	156	160	Hori.	40.0	19.7
151.667	41.5	BL	10.5	-31.4	20.6	123	159	Hori.	40.0	19.4
71.879	52.7	BL	5.8	-31.8	26.7	2	110	Vert.	40.0	13.3
77.381	53.6	BL	6.7	-31.7	28.6	164	109	Vert.	40.0	11.4
120.168	42.1	BL	11.0	-31.5	21.6	203	152	Vert.	40.0	18.4
153.827	40.6	BL	10.3	-31.4	19.5	337	150	Vert.	40.0	20.5

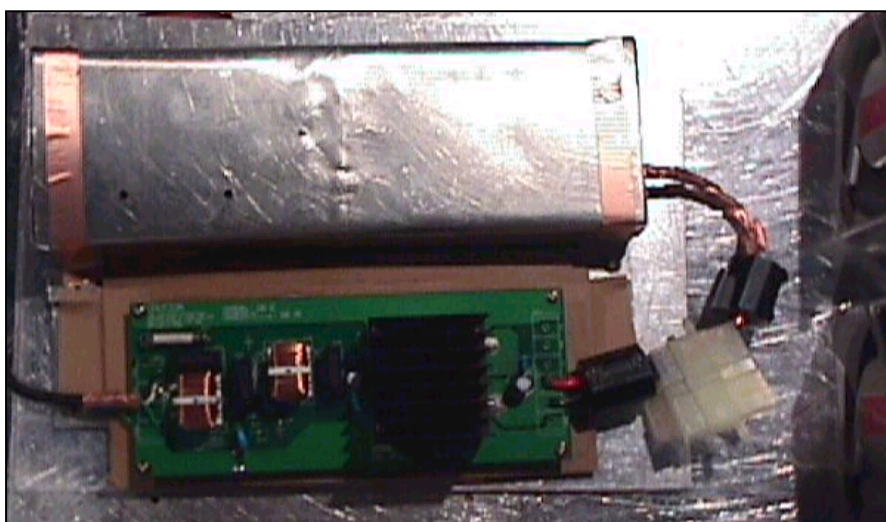
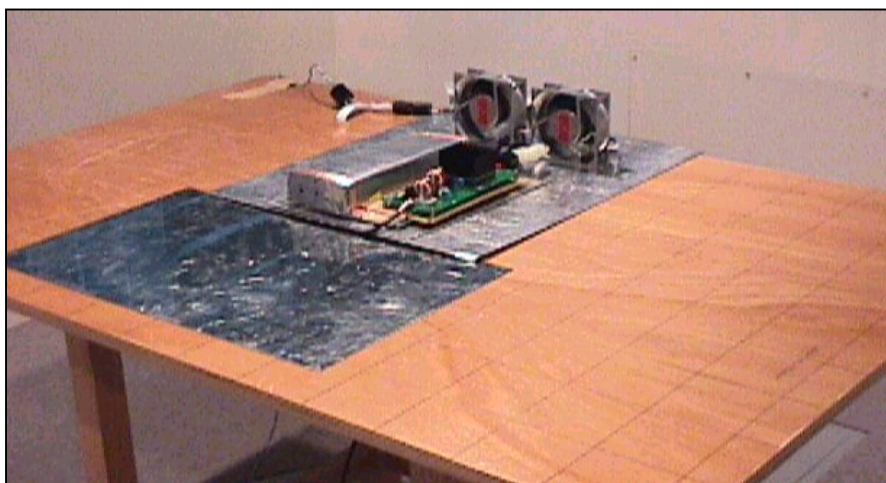
BL: Biconi-Log

## Conditions

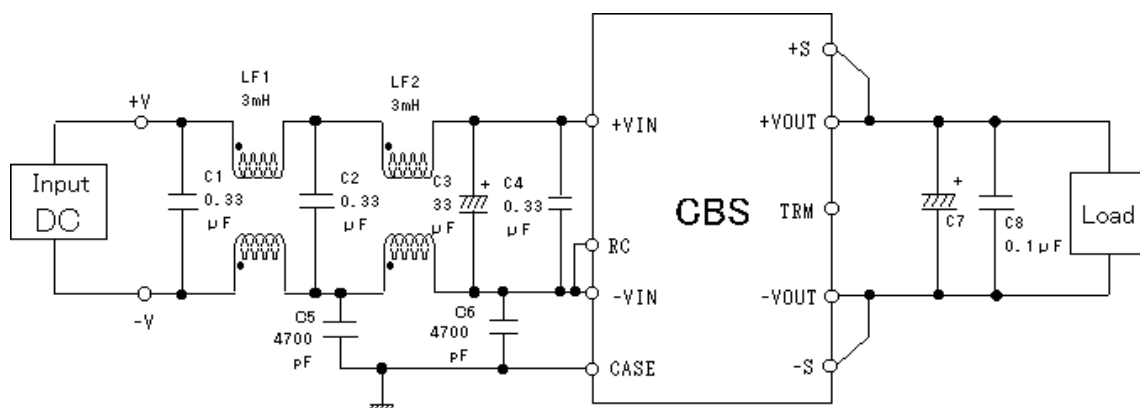
Date 2001/3/7

Test : RADIATED EMISSION  
 Model Name : CBS5048

## ○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 : DE1307-640E472M-KH (MURATA)  
 C7 : CBS504803,05 10V 2200 μF LXZseries (NIPPON CHEMI-CON)  
       CBS504812,15 25V 470 μF LXZseries (NIPPON CHEMI-CON)  
       CBS504824,28 35V 220 μF LXZseries (NIPPON CHEMI-CON)  
 C8 : MDD21H104M (Nitsuko)

Fig. Testing circuitry



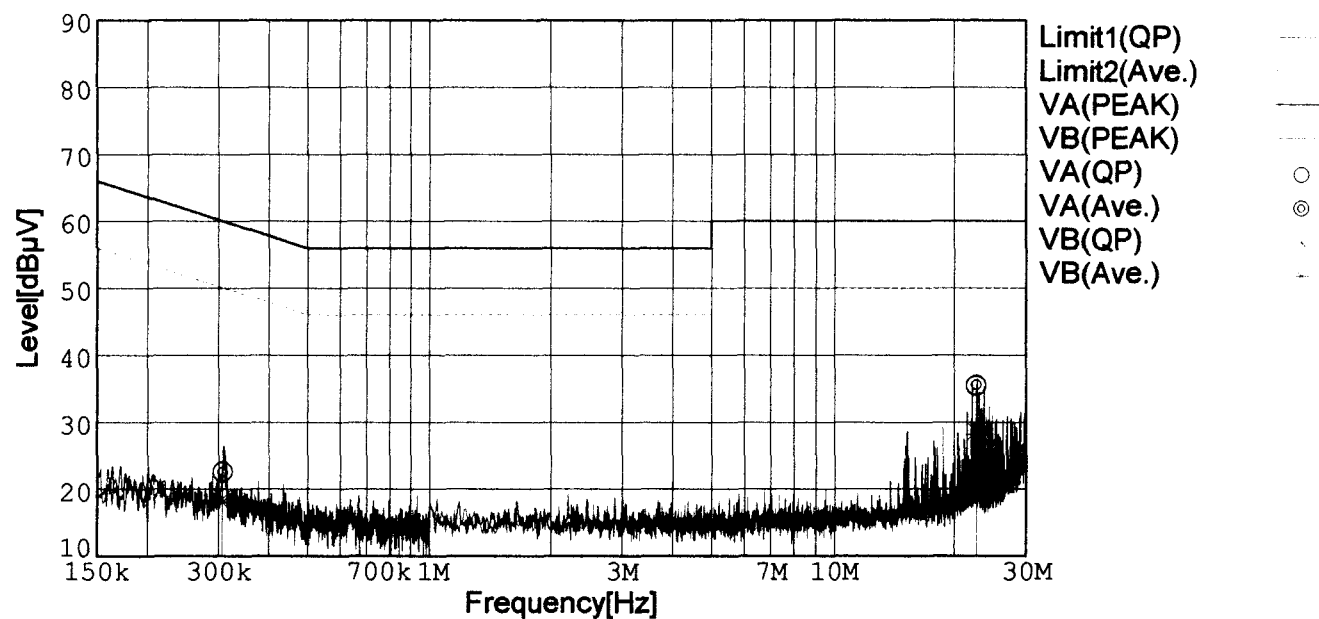
# LINE CONDUCTION

Model Name : CBS504812  
 Model No. :  
 Serial No. :  
 Points : 2  
 Detector : PEAK/QP/Ave.  
 Line Mode : VA/VB

Tested by : K.Kinoshita  
 Temp. : 25degC  
 Humi. : 40%  
 Date : 2001/3/7 16:27  
 Test Equip. : R3132,ESPC  
 Comment : DC48V Io=4.2A

Limit1: [EN 55022] Class B(QP)

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



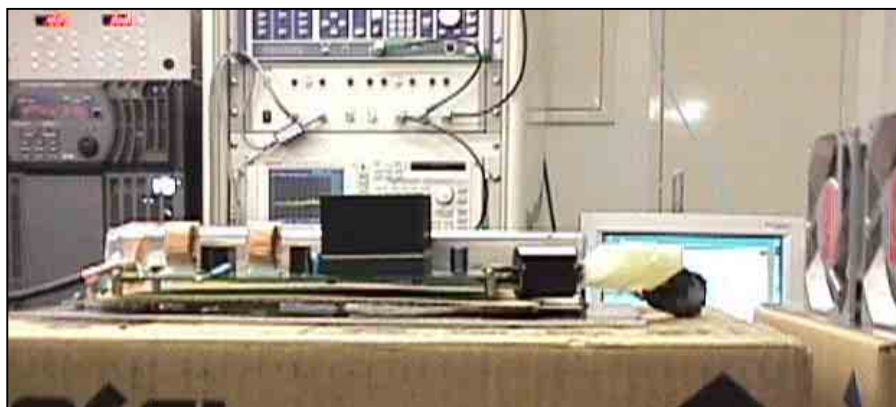
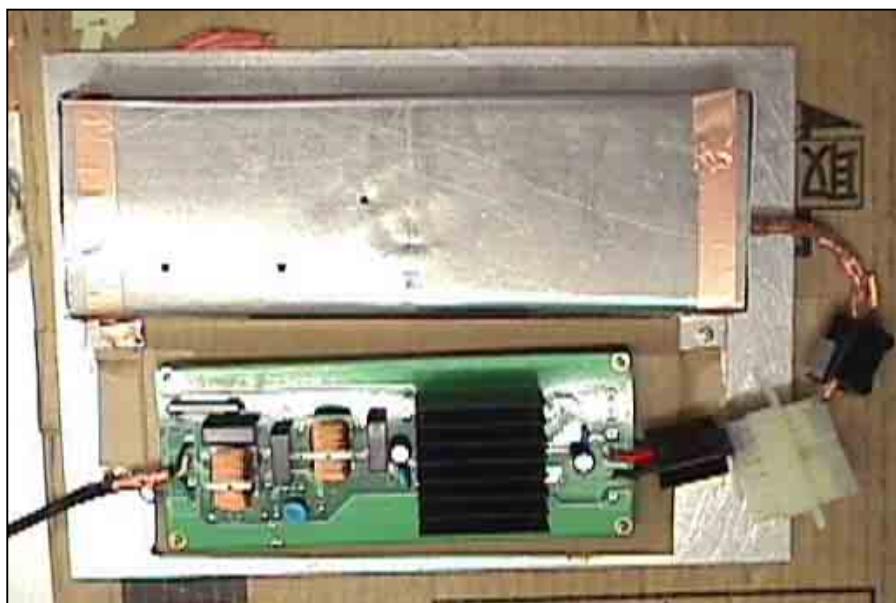
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3069	12.8	12.8	9.8	22.6	22.6	VA	60.1	50.1	37.5	27.5
22.5943	25.1	25.2	10.3	35.4	35.5	VA	60.0	50.0	24.6	14.5
0.3064	8.7	8.2	9.8	18.5	18.0	VB	60.1	50.1	41.6	32.1
22.5882	18.3	17.9	10.3	28.6	28.2	VB	60.0	50.0	31.4	21.8

# Conditions

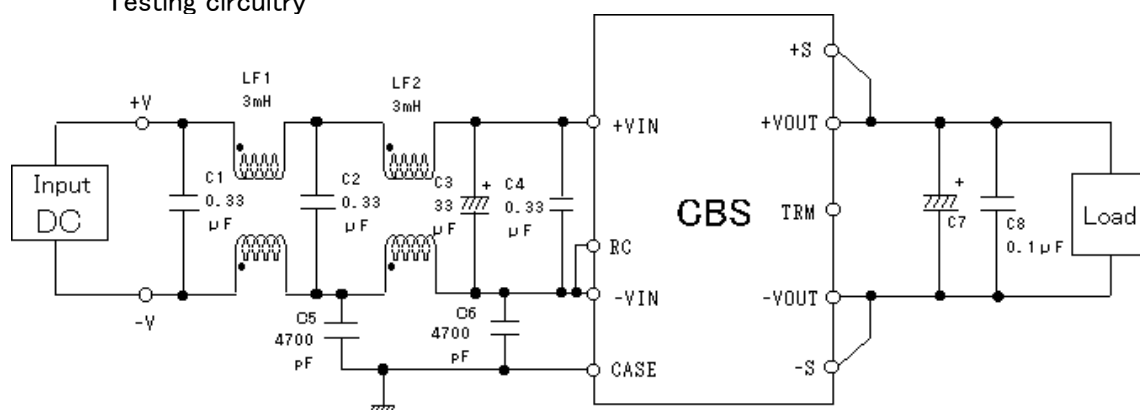
Date 2001/3/7

Test : LINE CONDUCTION  
Model Name : CBS5048

## Photographs of Test Set-Up



## Testing circuitry



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C8 : MDD21H104M (Nitsuko)

Fig. Testing circuitry