



# RADIATED EMISSION

Model Name : CBS504803

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : K.Kinoshita

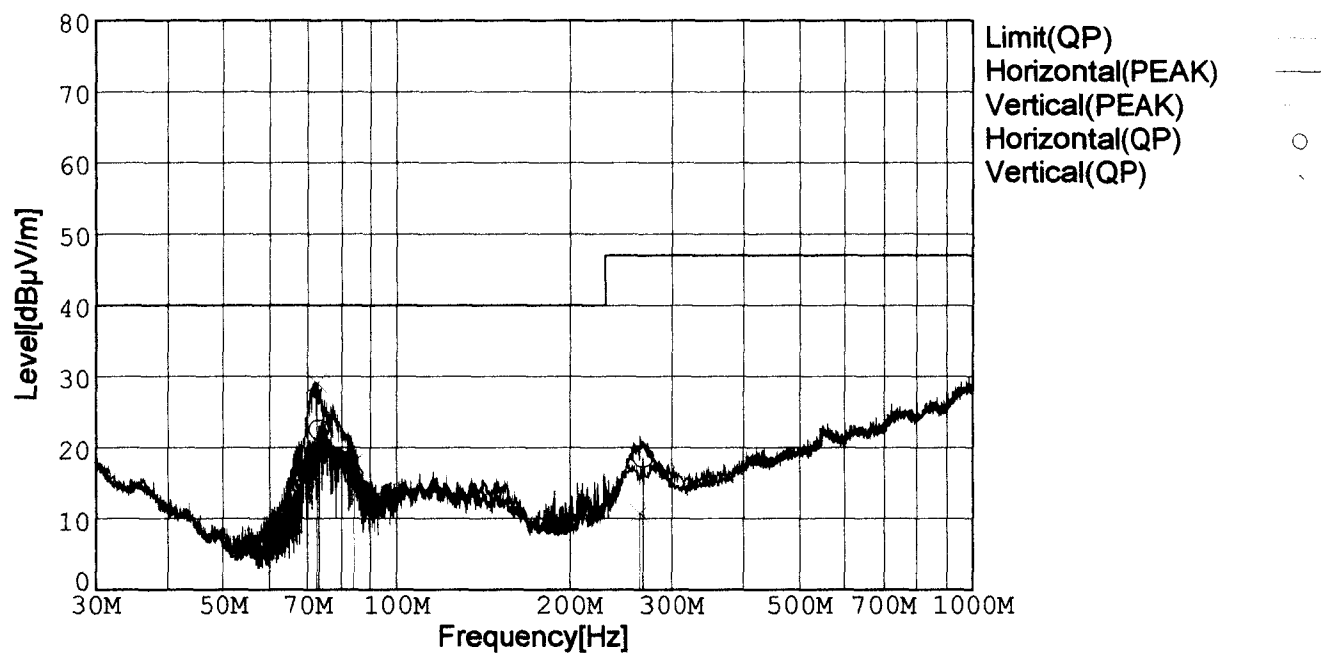
Temp. : 25degC

Humi. : 40%

Date : 2001/3/2 13:02

Test Equip. : R3132,ESPC

Comment : DC48V Io=11.7A



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]
73.268	48.1	BL	6.1	-31.7	22.5	269	154	Hori.	40.0	17.5
84.157	40.1	BL	7.8	-31.7	16.2	282	156	Hori.	40.0	23.8
268.077	36.8	BL	12.7	-30.9	18.6	113	101	Hori.	47.0	28.4
72.626	54.9	BL	5.9	-31.7	29.1	2	105	Vert.	40.0	10.9
84.182	41.7	BL	7.8	-31.7	17.8	164	140	Vert.	40.0	22.2
264.324	28.5	BL	13.2	-30.9	10.8	274	139	Vert.	47.0	36.2

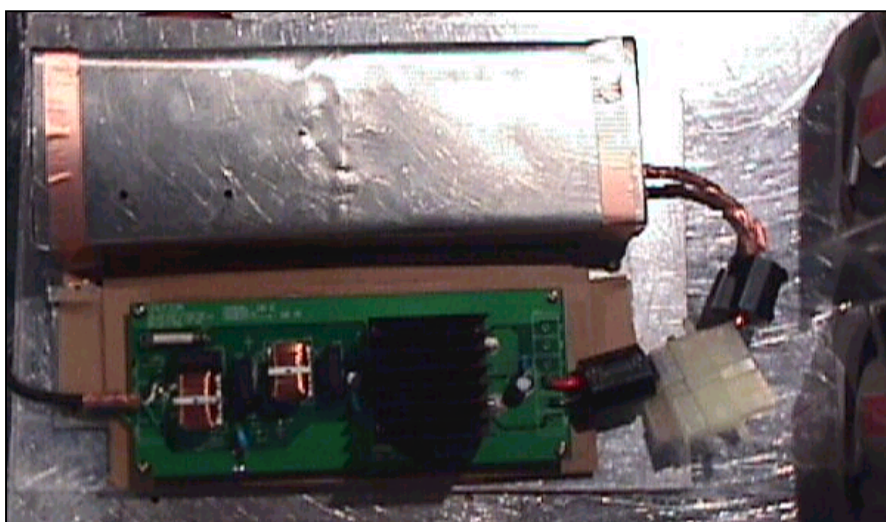
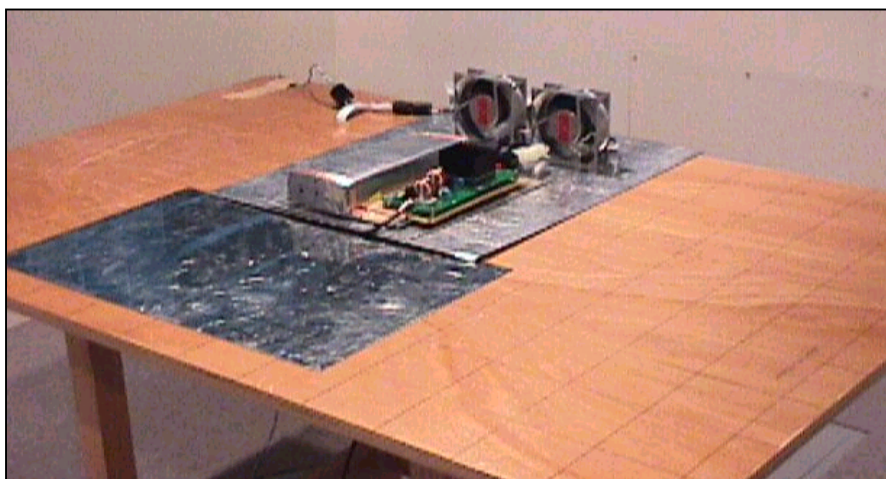
BL: Biconi-Log

## Conditions

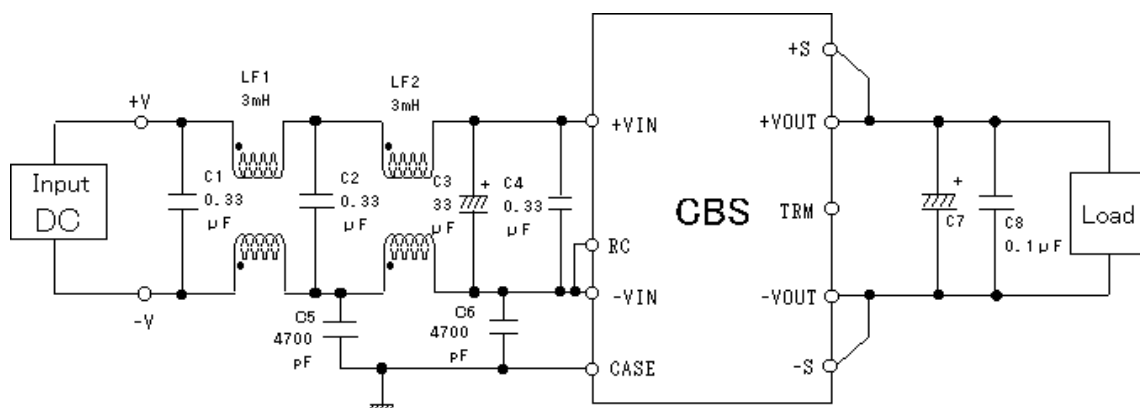
Date 2001/3/7

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



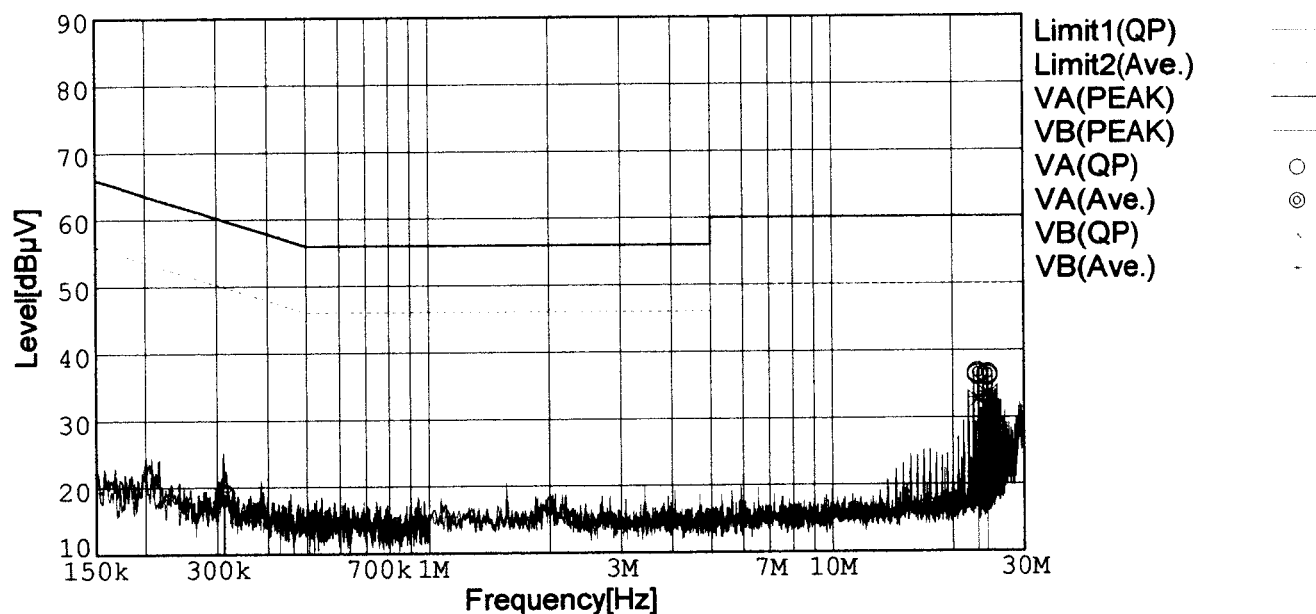
# LINE CONDUCTION

Model Name : CBS504803  
 Model No. :  
 Serial No. :  
 Points : 3  
 Detector : PEAK/QP/Ave.  
 Line Mode : VA/VB

Tested by : K.Kinoshita  
 Temp. : 25degC  
 Humi. : 40%  
 Date : 2001/3/2 11:28  
 Test Equip. : R3132,ESPC  
 Comment : DC48V Io=11.7A

Limit1: [EN 55022] Class B(QP)

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



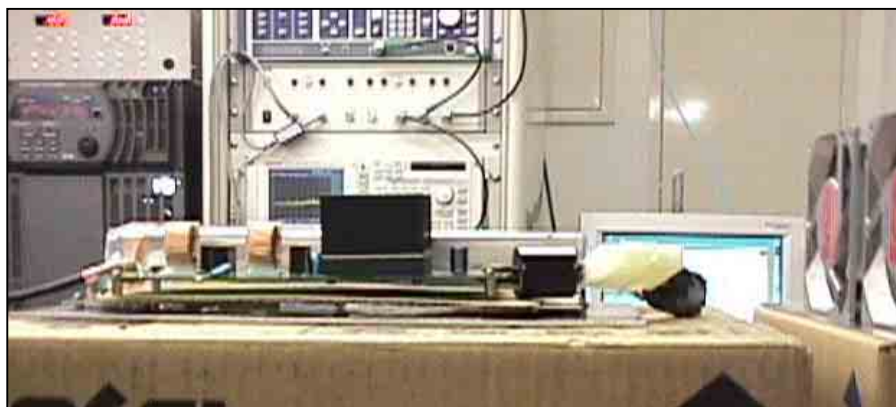
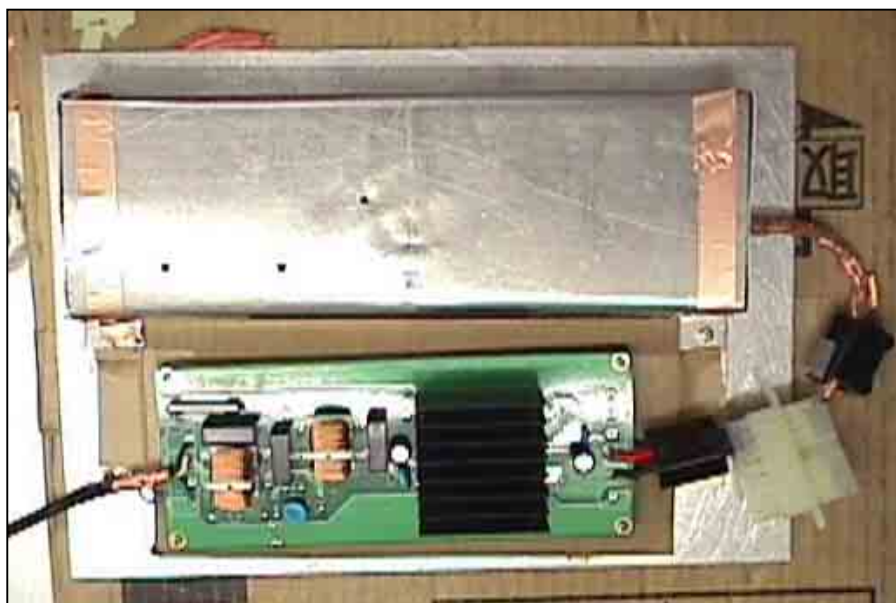
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3132	9.2	9.0	9.8	19.0	18.8	VA	59.9	49.9	40.9	31.1
23.0389	26.0	26.3	10.3	36.3	36.6	VA	60.0	50.0	23.7	13.4
24.2816	25.8	26.2	10.3	36.1	36.5	VA	60.0	50.0	23.9	13.5
0.3108	8.7	8.3	9.8	18.5	18.1	VB	60.0	50.0	41.5	31.9
23.0364	22.3	22.6	10.3	32.6	32.9	VB	60.0	50.0	27.4	17.1
24.2816	23.1	23.4	10.3	33.4	33.7	VB	60.0	50.0	26.6	16.3

# Conditions

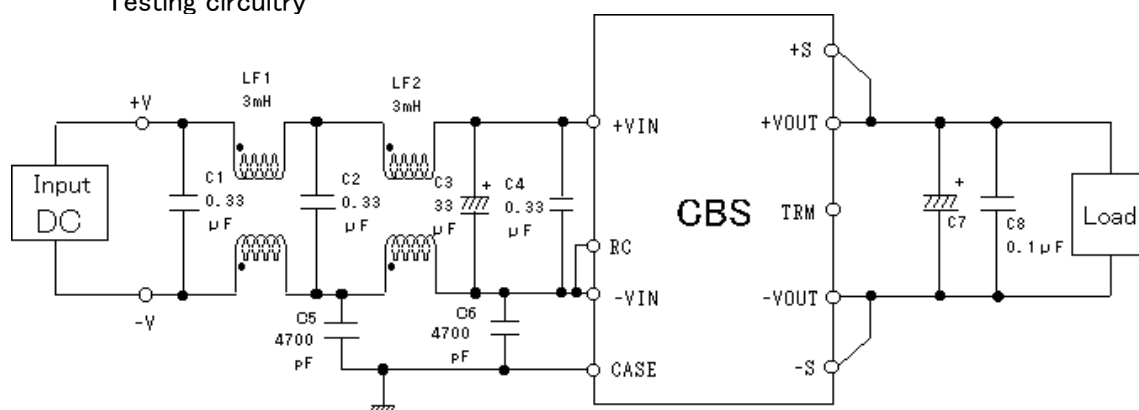
Date 2001/3/7

Test : LINE CONDUCTION  
Model Name : CBS5048

## Photographs of Test Set-Up



## Testing circuitry



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C8 : MDD21H104M (Nitsuko)

Fig. Testing circuitry