



# RADIATED EMISSION

Model Name : CBS504828

Model No. :

Serial No. :

Points : 2

Detector : PEAK/QP

Polarization : Hori. &amp; Vert.

Limit: [EN 55022] Class B&lt;3m&gt;

Tested by : K.Kinoshita

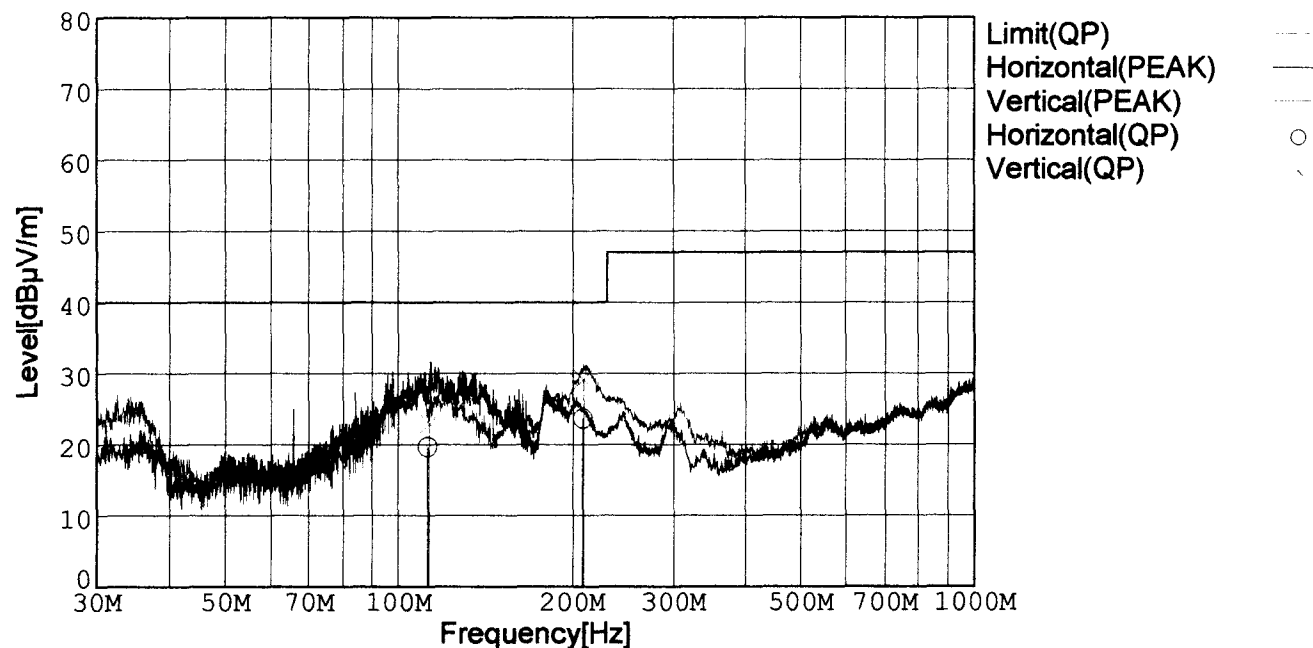
Temp. : 25degC

Humi. : 40%

Date : 2001/2/26 21:03

Test Equip. : R3132,ESPC

Comment : DC48V Io=1.8A



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]
112.221	40.3	BL	10.8	-31.5	19.6	306	125	Hori.	40.0	20.4
207.913	46.0	BL	8.7	-31.1	23.6	287	145	Hori.	40.0	16.4
112.898	43.6	BL	10.8	-31.5	22.9	200	131	Vert.	40.0	17.1
208.563	51.5	BL	8.7	-31.1	29.1	181	122	Vert.	40.0	10.9

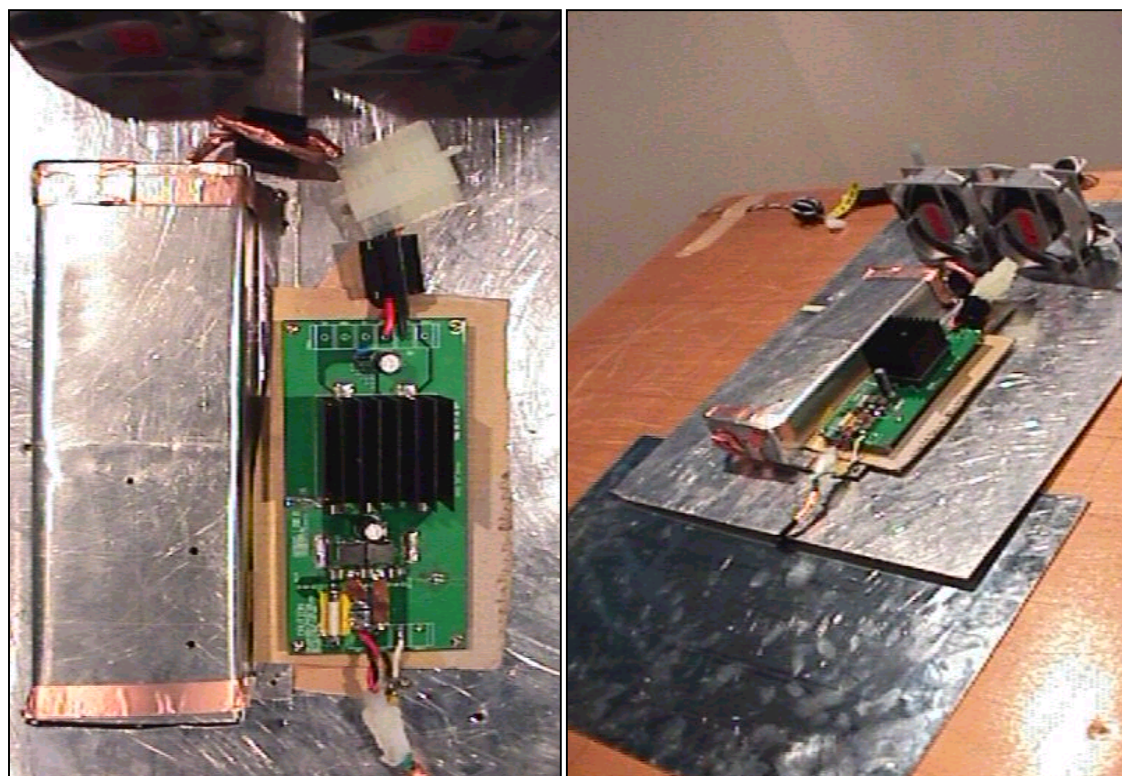
BL: Biconi-Log

## Conditions

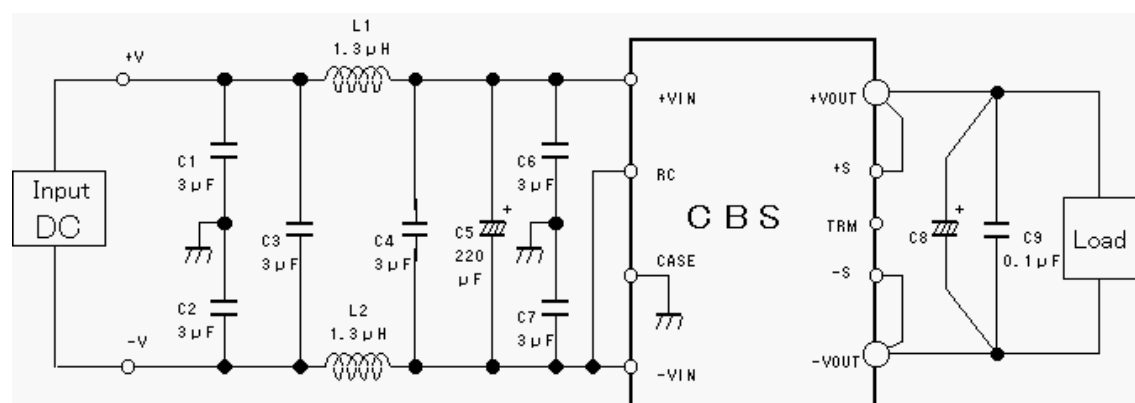
Date 2001/3/7

Test : RADIATED EMISSION  
 Model Name : CBS5048

## ○Photographs of Test Set-Up



## ○Testing circuitry



L1, L2 : ETQP6F1R3LFA (MATSUSHITA)  
 C1, C2, C3, C4, C6, C7 : CY55Y5P2A305M(TOKIN)  
 C5 : 80V 220 $\mu$ F PFseries (nichicon)  
 C8 : CBS504805 10V 2200 $\mu$ F LXZseries (NIPPON CHEMI-CON)  
       CBS504812 25V 470 $\mu$ F LXZseries (NIPPON CHEMI-CON)  
       CBS504828 35V 220 $\mu$ F LXZseries (NIPPON CHEMI-CON)  
 C9 : MDD21H104M (Nitsuko)

Fig. Testing circuitry



# LINE CONDUCTION

Model Name : CBS504828

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Limit1: [EN 55022] Class B(QP)

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

Tested by : K.Kinoshita

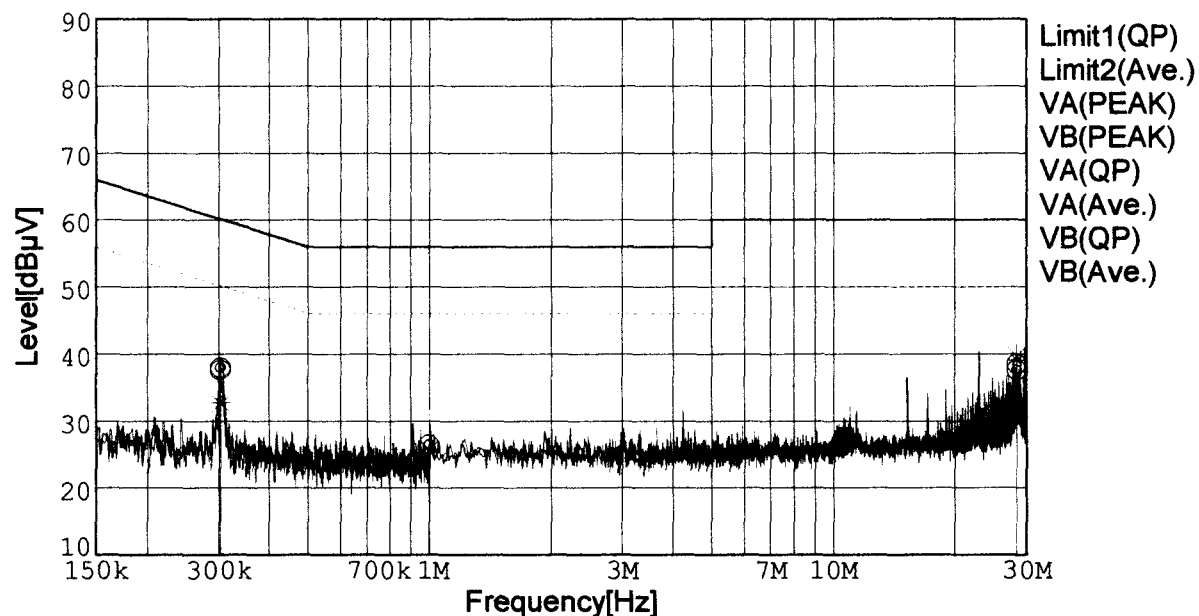
Temp. : 25degC

Humi. : 40%

Date : 2001/2/26 19:51

Test Equip. : R3132,ESPC

Comment : DC48V Io=1.8A



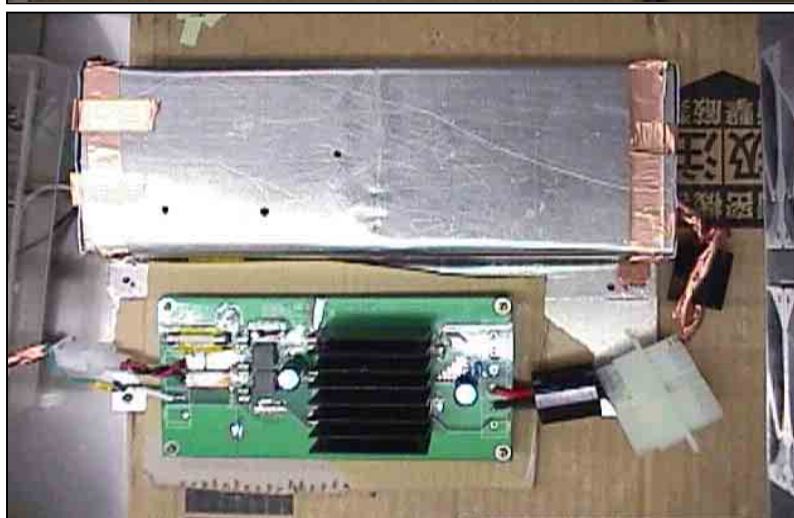
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP) [dB]	Margin (Ave.) [dB]
0.3023	27.8	28.2	9.8	37.6	38.0	VA	60.2	50.2	22.6	12.2
0.9974	16.5	16.6	9.9	26.4	26.5	VA	56.0	46.0	29.6	19.5
28.4034	28.1	27.2	10.4	38.5	37.6	VA	60.0	50.0	21.5	12.4
0.3029	22.8	23.0	9.8	32.6	32.8	VB	60.2	50.2	27.6	17.4
0.9978	15.7	15.8	9.9	25.6	25.7	VB	56.0	46.0	30.4	20.3
28.4015	29.3	28.6	10.4	39.7	39.0	VB	60.0	50.0	20.3	11.0

## Conditions

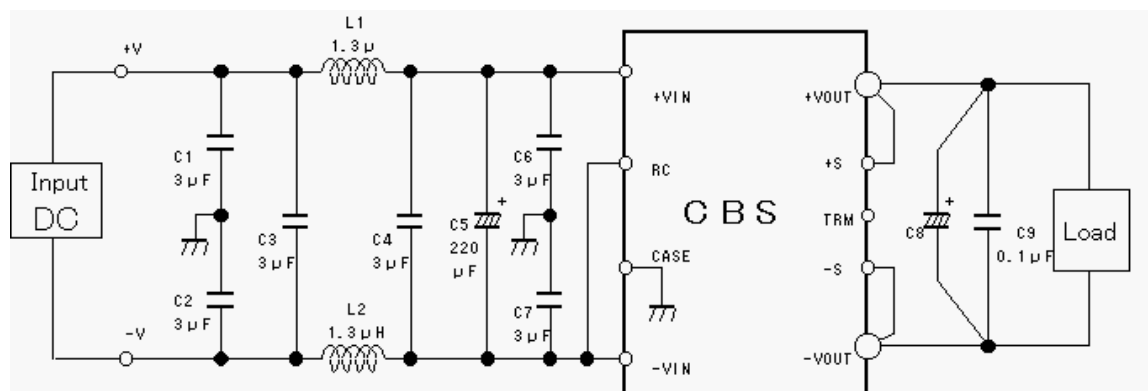
Date 2001/3/7

Test : LINE CONDUCTION  
 Model Name : CBS5048

## Photographs of Test Set-Up



## Testing circuitry



L1, L2 : ETQP6F1R3LFA (MATSUSHITA)  
 C1, C2, C3, C4, C6, C7 : CY55Y5P2A305M(TOKIN)  
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       CBS504828 35V 220  $\mu$ F LXZseries (NIPPON CHEMI-CON)  
 C9 : MDD21H104M (Nitsuko)

Fig. Testing circuitry