



RADIATED EMISSION

Model Name : CBS1002412

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : K.Kinoshita

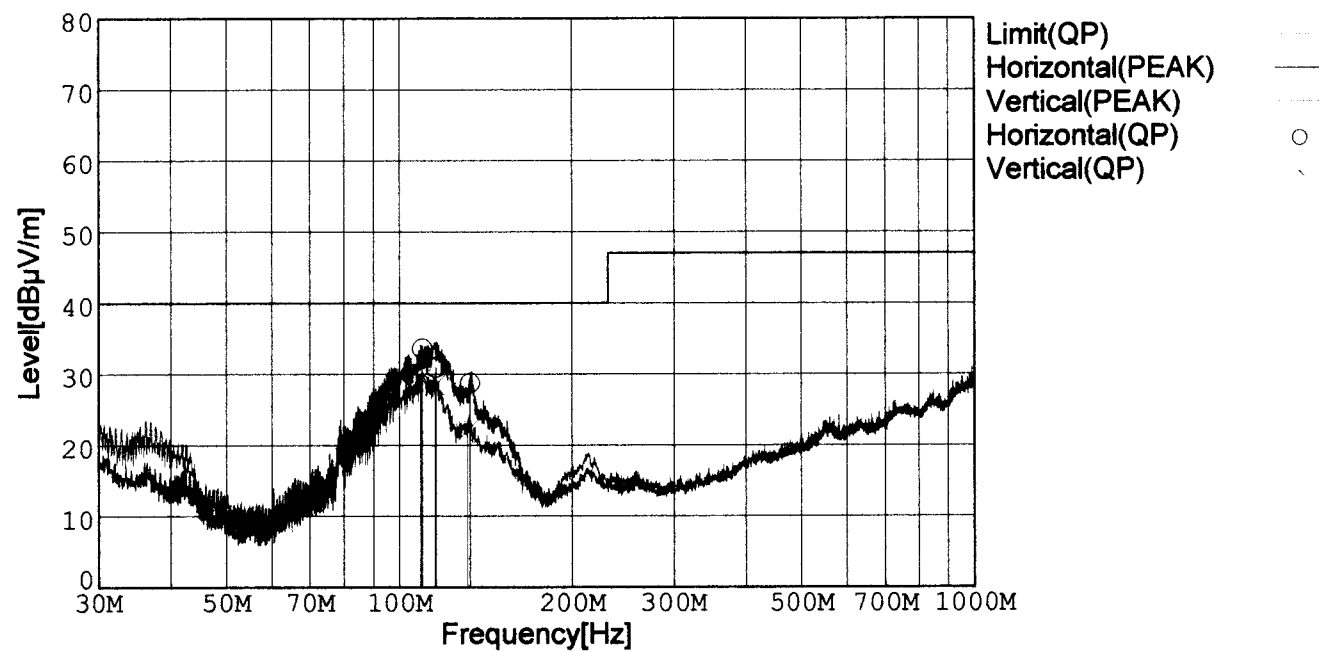
Temp. : 25degC

Humi. : 40%

Date : 2001/5/2 11:18

Test Equip. : R3132,ESPC

Comment : DC24V 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]
109.506	54.4	BL	10.7	-31.5	33.6	62	149	Hori.	40.0	6.4
115.609	51.6	BL	10.8	-31.5	30.9	87	151	Hori.	40.0	9.1
132.980	49.0	BL	11.1	-31.4	28.7	265	159	Hori.	40.0	11.3
108.766	50.3	BL	10.6	-31.5	29.4	328	157	Vert.	40.0	10.6
115.085	49.1	BL	10.8	-31.5	28.4	328	157	Vert.	40.0	11.6
131.506	42.4	BL	11.1	-31.4	22.1	333	160	Vert.	40.0	17.9

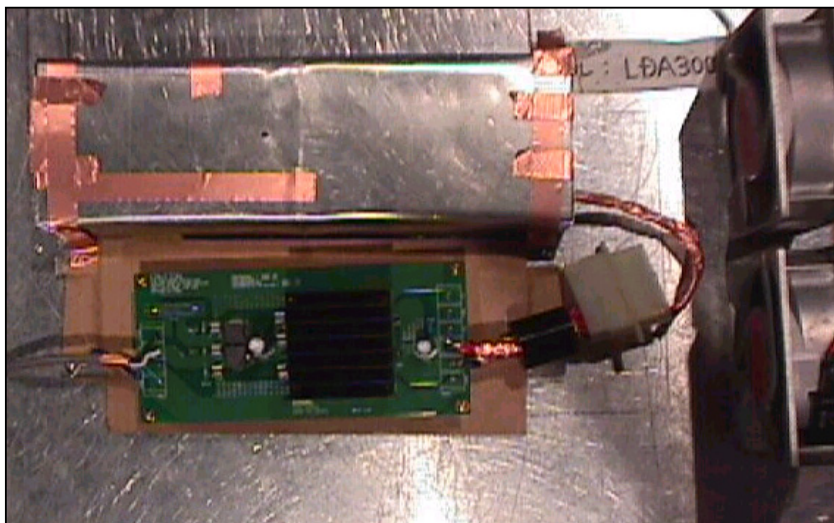
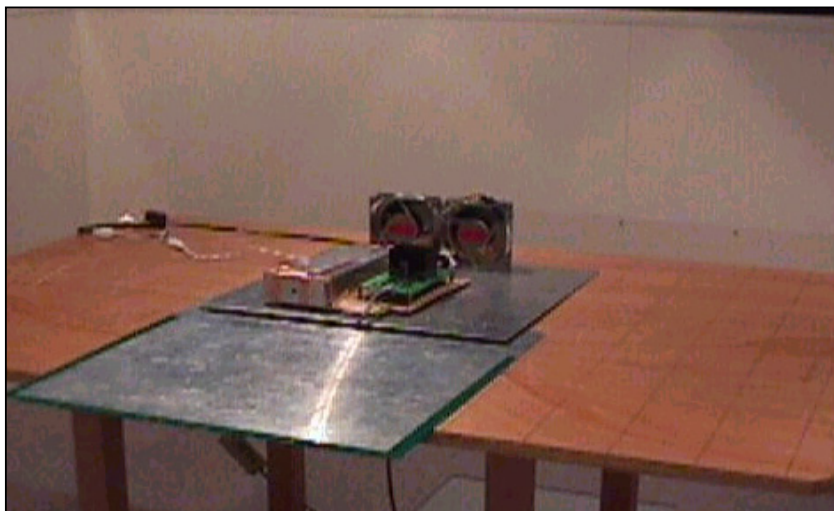
BL: Biconi-Log

Conditions

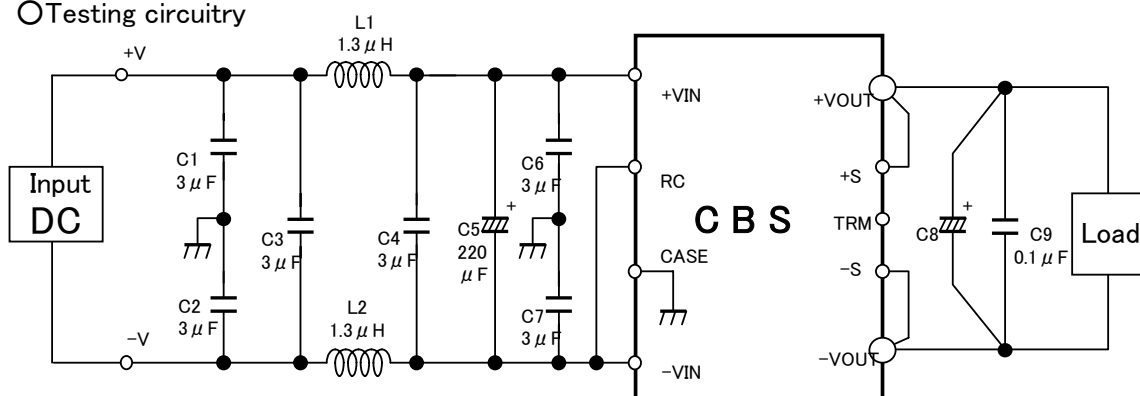
Date 2001/5/2

Test : RADIATED EMISSION
Model Name : CBS 50/1002412

○Photographs of Test Set-Up



○Testing circuitry



L1, L2 : ETQP6F1R3LFA (MATSUSHITA)
C1, C2, C3, C4, C6, C7 : CY55Y5P2A305M (TOKIN)
C5 : 80V 220 μ F PMseries (nichicon)
C8 : 25V 470 μ F LXZseries (NIPPON CHEMI-CON)
C9 : MDD21H104M (Nitsuko)

Fig. Testing circuitry

LINE CONDUCTION

Model Name : CBS1002412

Model No. :

Serial No. :

Points : 4

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Limit1: [EN 55022] Class B(QP)

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

Tested by : K.Kinoshita

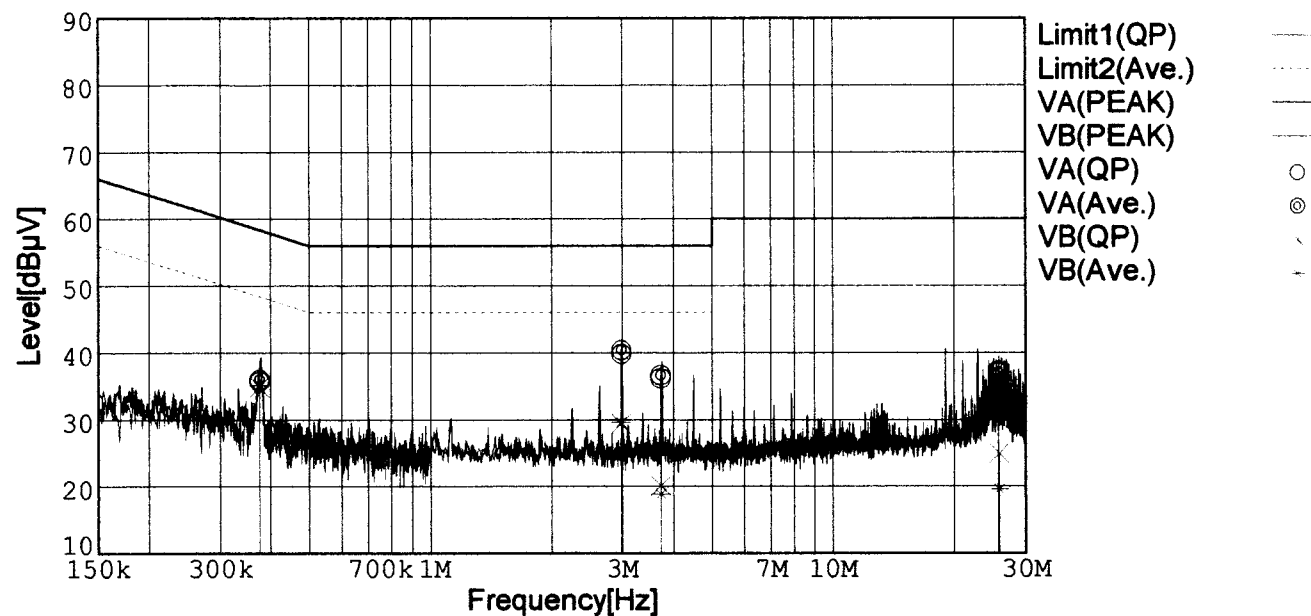
Temp. : 25degC

Humi. : 40%

Date : 2001/5/2 10:04

Test Equip. : R3132,ESPC

Comment : DC24V Io=8.4A



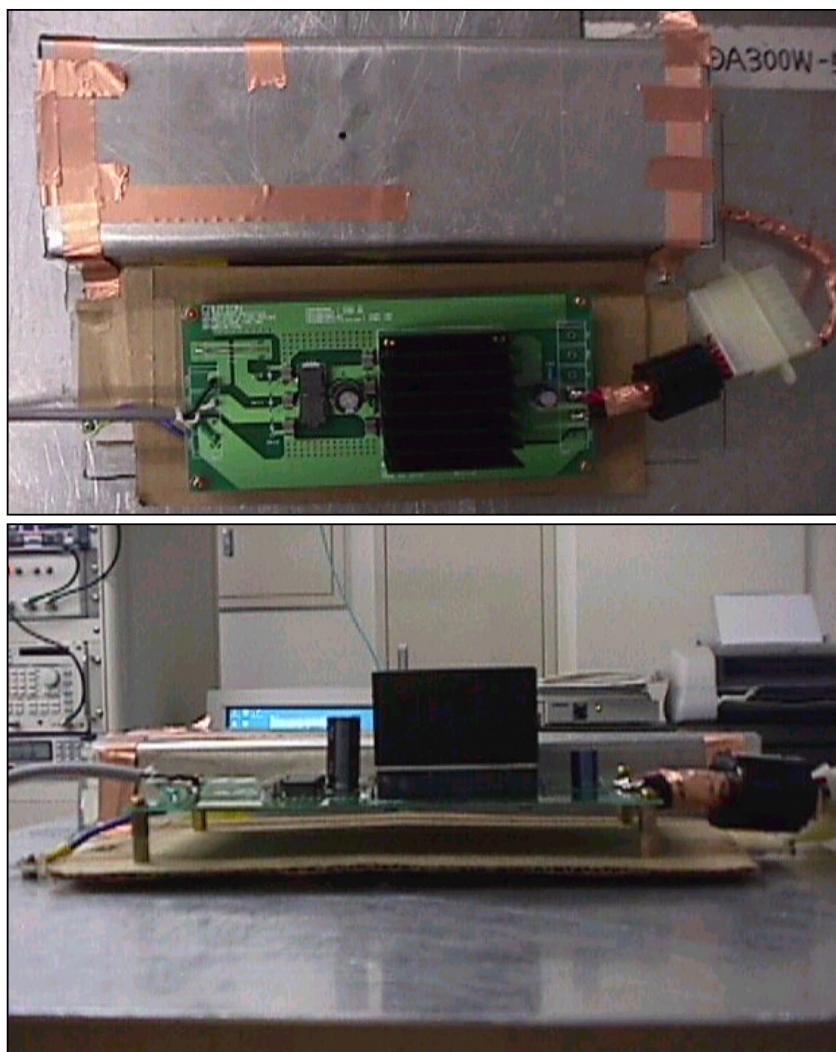
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3749	25.9	26.2	9.8	35.7	36.0	VA	58.4	48.4	22.7	12.4
2.9849	29.9	30.5	9.9	39.8	40.4	VA	56.0	46.0	16.2	5.6
3.7252	26.2	26.7	9.9	36.1	36.6	VA	56.0	46.0	19.9	9.4
25.6906	26.9	26.6	10.4	37.3	37.0	VA	60.0	50.0	22.7	13.0
0.3746	25.1	25.4	9.8	34.9	35.2	VB	58.4	48.4	23.5	13.2
2.9820	19.5	19.7	9.9	29.4	29.6	VB	56.0	46.0	26.6	16.4
3.7266	10.2	8.9	9.9	20.1	18.8	VB	56.0	46.0	35.9	27.2
25.8538	14.5	9.2	10.4	24.9	19.6	VB	60.0	50.0	35.1	30.4

Conditions

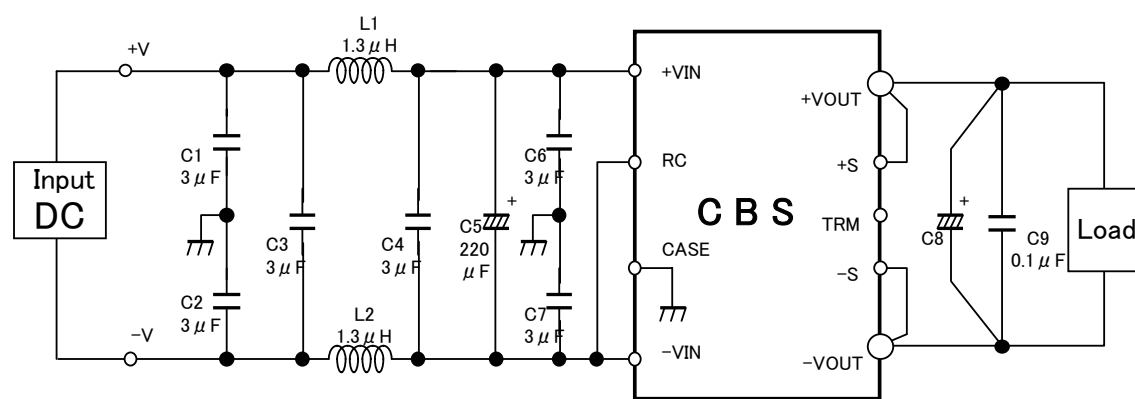
Date 2001/5/2

Test : LINE CONDUCTION
Model Name : CBS 50/1002412

○Photographs of Test Set-Up



○Testing circuitry



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Fig. Testing circuitry