



RADIATED EMISSION

Model Name : CBS502412

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : K.Kinoshita

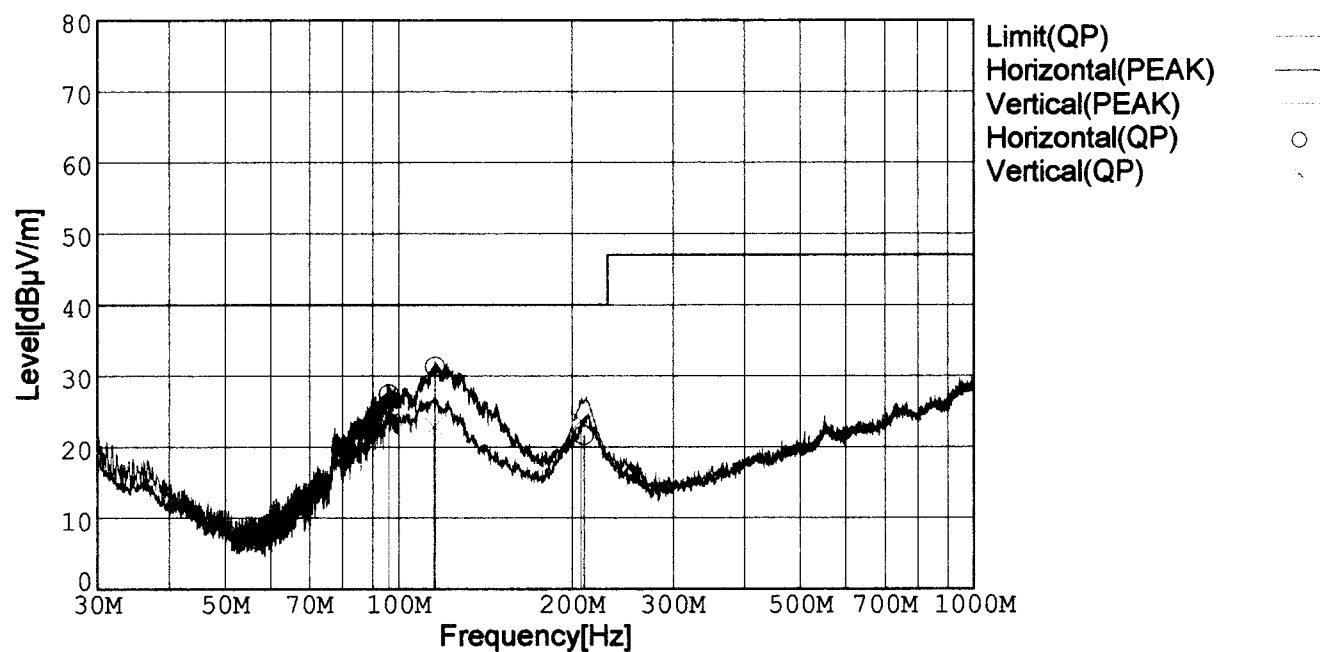
Temp. : 25degC

Humi. : 40%

Date : 2001/5/2 13:22

Test Equip. : R3132,ESPC

Comment : DC24V 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]
96.113	49.6	BL	9.4	-31.6	27.4	75	159	Hori.	40.0	12.6
115.986	52.0	BL	10.8	-31.5	31.3	60	159	Hori.	40.0	8.7
209.444	44.0	BL	8.7	-31.1	21.6	43	156	Hori.	40.0	18.4
96.107	45.8	BL	9.4	-31.6	23.6	357	147	Vert.	40.0	16.4
115.329	43.6	BL	10.8	-31.5	22.9	341	145	Vert.	40.0	17.1
206.965	46.1	BL	8.6	-31.1	23.6	10	147	Vert.	40.0	16.4

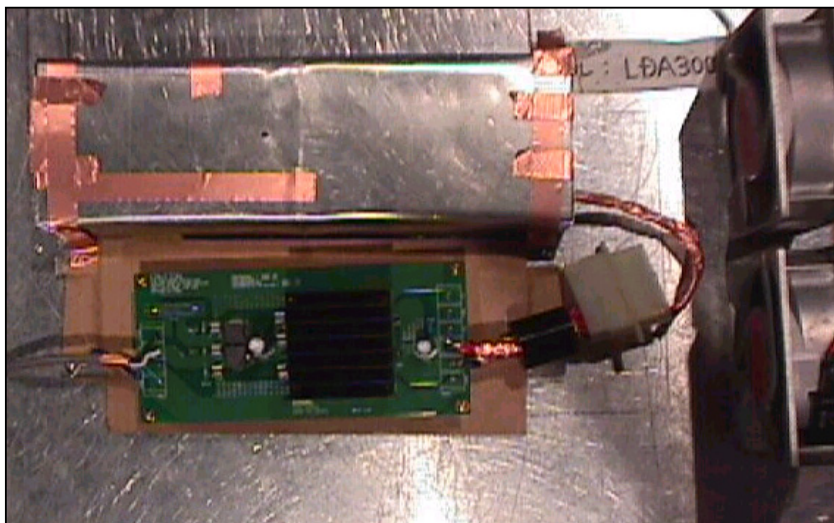
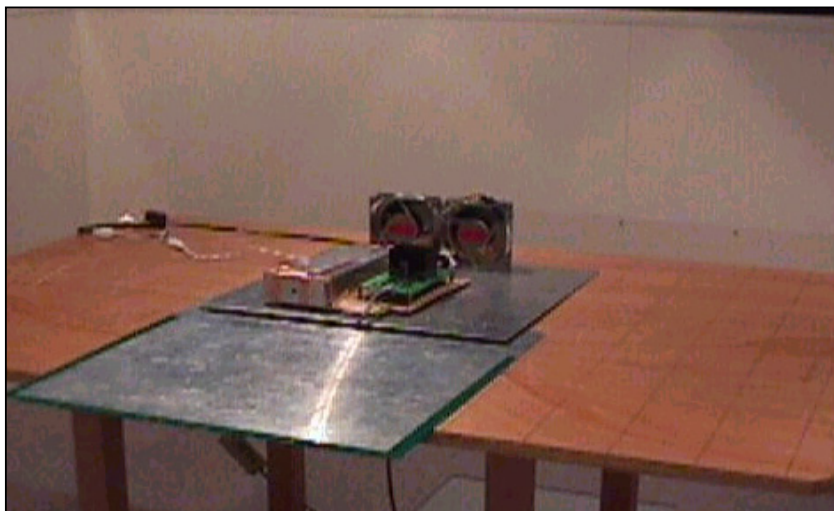
BL: Biconi-Log

Conditions

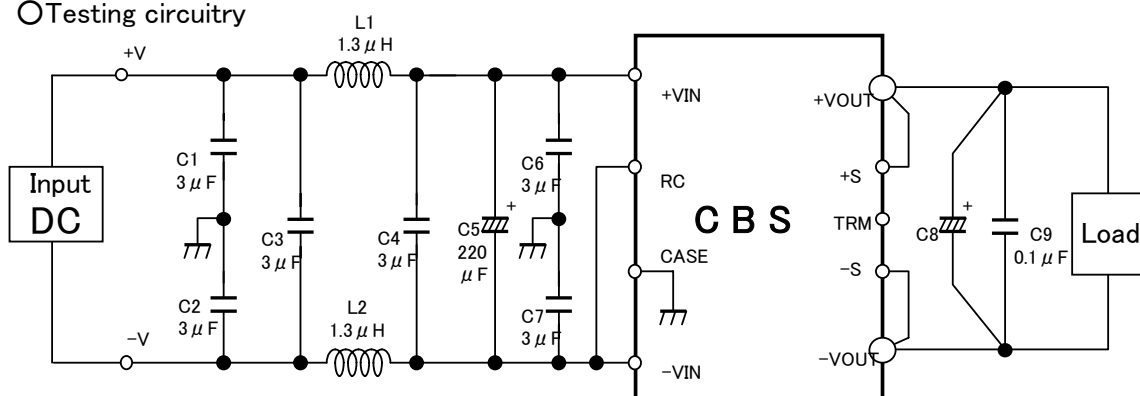
Date 2001/5/2

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 : CBS502412

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

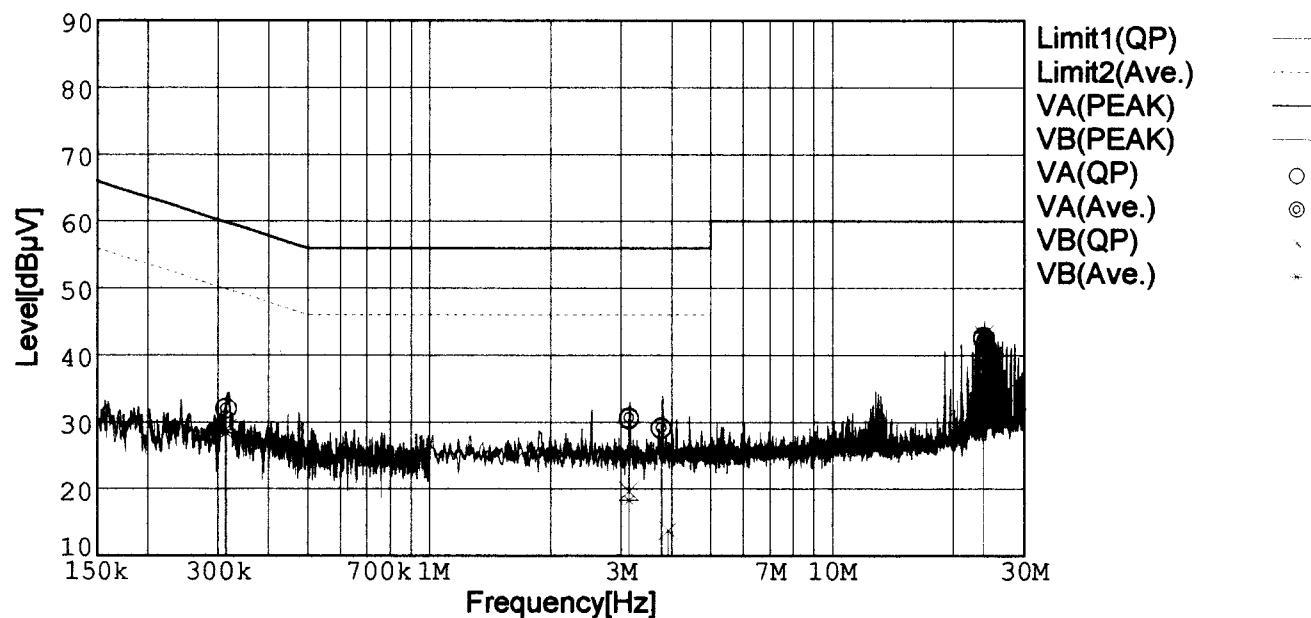
Temp. : 25degC

Humi. : 40%

Date : 2001/5/2 13:59

Test Equip. : R3132,ESPC

Comment : DC24V Io=4.2A



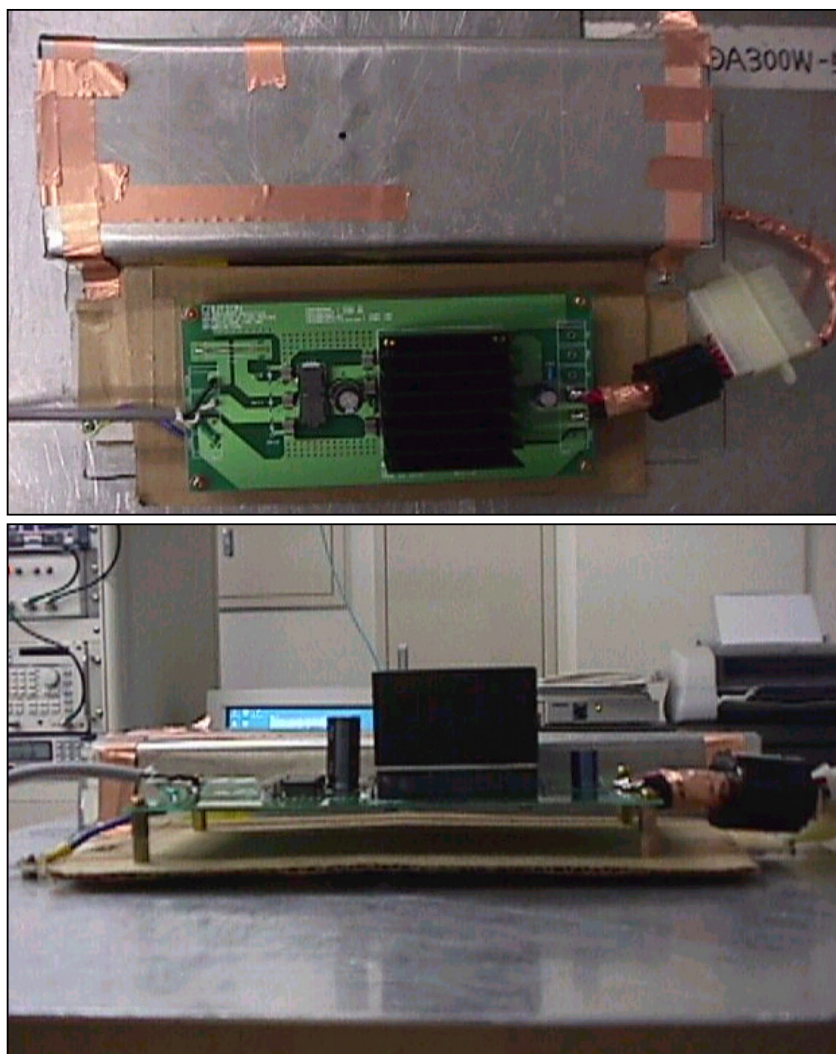
Frequency [MHz]	Meter Reading (QP) [dBμV]	Meter Reading (Ave.) [dBμV]	Factor [dB]	Level (QP) [dBμV]	Level (Ave.) [dBμV]	Line	Limit (QP) [dBμV]	Limit (Ave.) [dBμV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.3132	22.2	22.2	9.8	32.0	32.0	VA	59.9	49.9	27.9	17.9
3.1398	20.5	20.8	9.9	30.4	30.7	VA	56.0	46.0	25.6	15.3
3.7670	19.0	19.2	9.9	28.9	29.1	VA	56.0	46.0	27.1	16.9
23.8498	32.1	32.5	10.3	42.4	42.8	VA	60.0	50.0	17.6	7.2
0.3141	19.2	18.6	9.8	29.0	28.4	VB	59.9	49.9	30.9	21.5
3.1387	9.8	8.4	9.9	19.7	18.3	VB	56.0	46.0	36.3	27.7
3.9154	3.8	-1.6	10.0	13.8	8.4	VB	56.0	46.0	42.2	37.6
23.8498	32.8	33.2	10.3	43.1	43.5	VB	60.0	50.0	16.9	6.5

Conditions

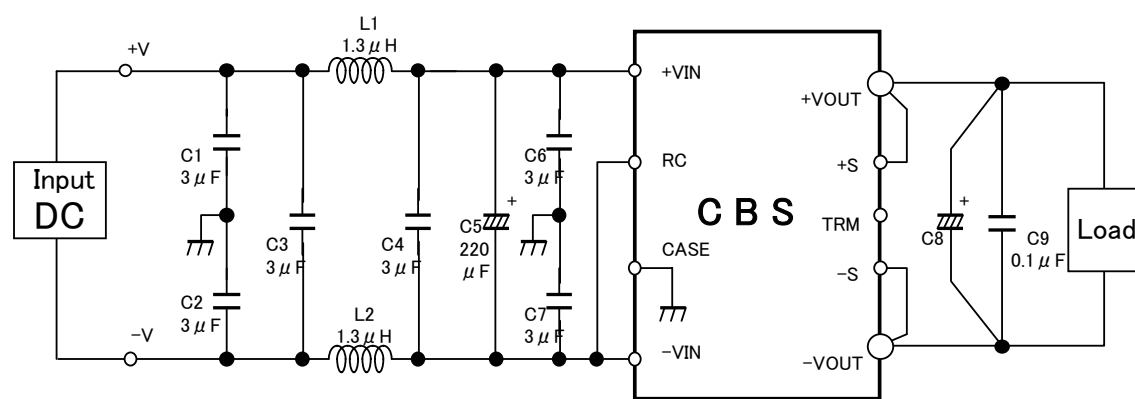
Date 2001/5/2

Test : LINE CONDUCTION
 Model Name : CBS 50/1002412

○Photographs of Test Set-Up



○Testing circuitry



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 C4、C6、C7

: CY55Y5P2A305M (TOKIN)

C5 : 80V 220 μ F PMseries (nichicon)

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Fig. Testing circuitry