

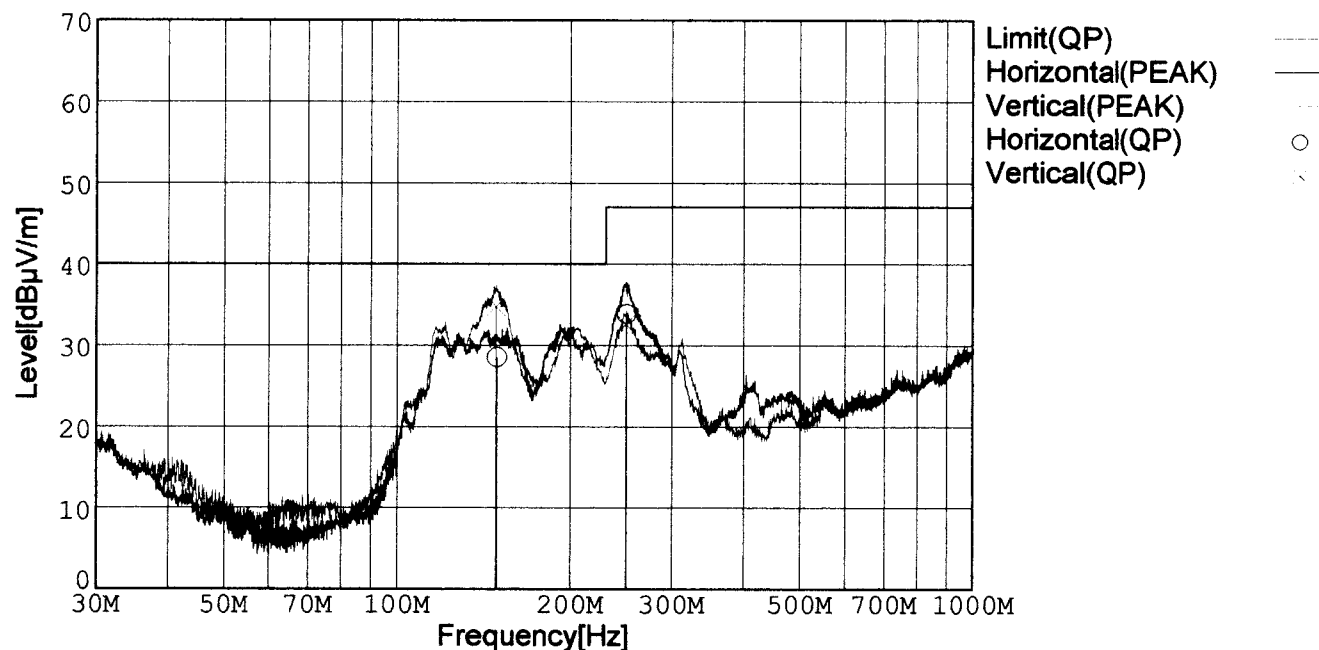


RADIATED EMISSION

Model Name : CBS502424
 Model No. :
 Serial No. :
 Points : 2
 Detector : PEAK/QP
 Polarization : Hori. & Vert.

Tested by : T.Oiwake
 Temp. : 25degC
 Humi. : 40%
 Date : 2002/7/12 17:25
 Test Equip. : R3132,ESPC
 Comment : DC 24V, 2.1A

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



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]
148.758	49.3	BL	10.6	-31.4	28.5	65	160	Hori.	40.0	11.5
250.793	52.4	BL	12.5	-31.0	33.9	269	116	Hori.	47.0	13.1
148.073	55.6	BL	10.6	-31.4	34.8	14	151	Vert.	40.0	5.2
250.131	51.2	BL	12.4	-31.0	32.6	243	143	Vert.	47.0	14.4

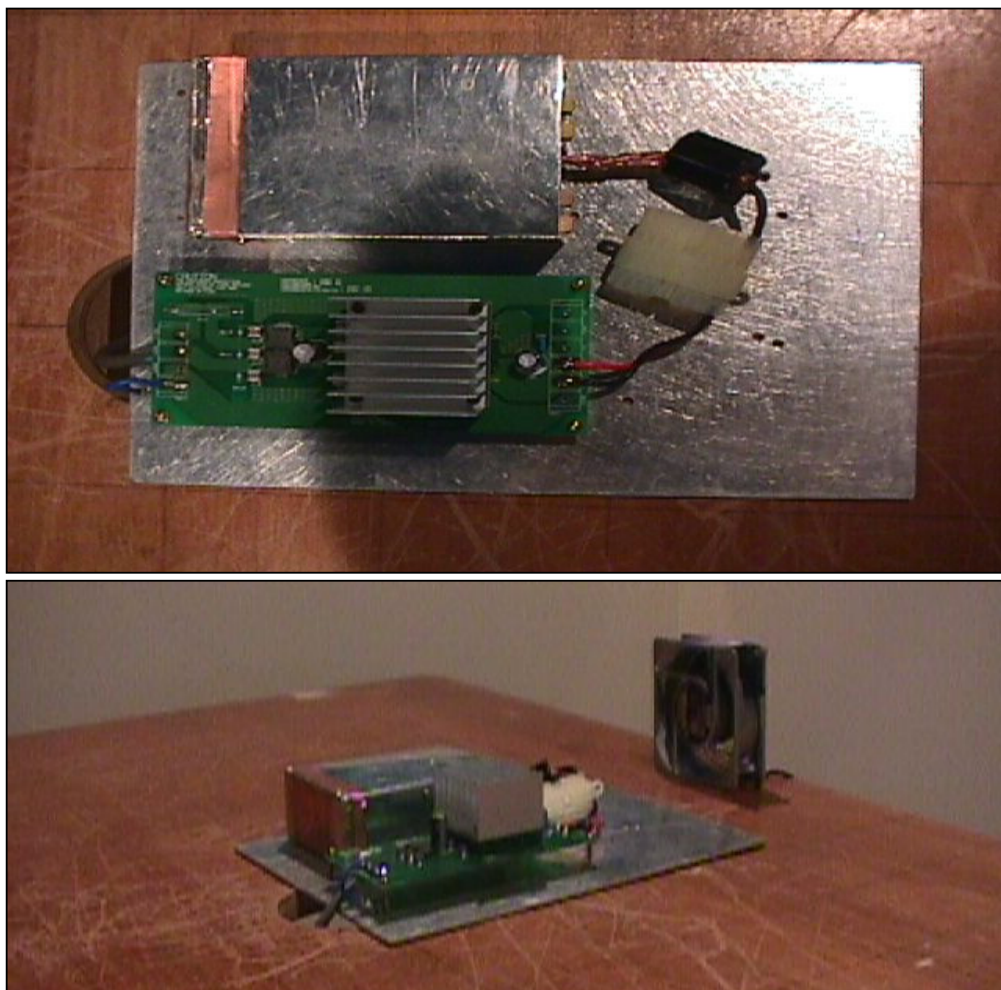
BL: Biconi-Log

Conditions

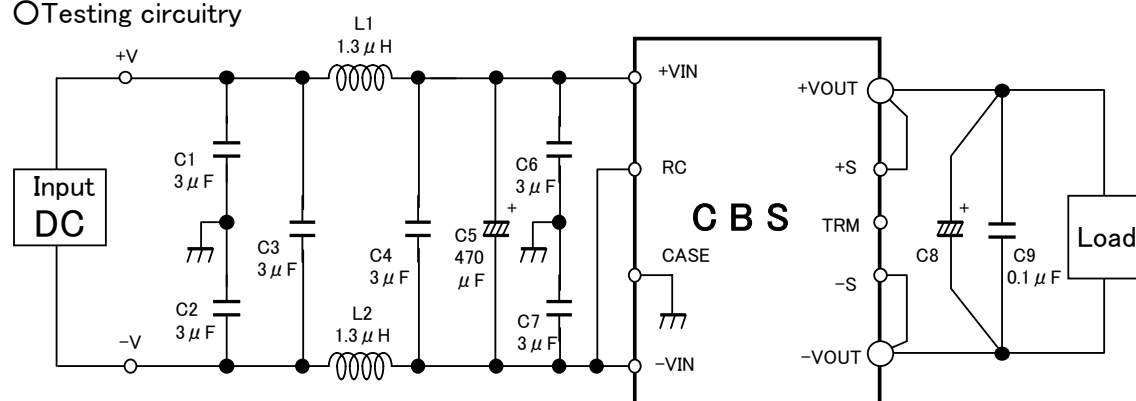
Date 2002/7/19

Test : RADIATED EMISSION
Model Name : CBS502403/15/24

○Photographs of Test Set-Up



○Testing circuitry



- L1、L2 : ETQP6F1R3LFA(MATSUSHITA)
C1、C2、C3、
C4、C6、C7 : CY55Y5P2A305M(TOKIN)
C5 : 50V 470 μ F PMseries (nichicon)
C8 : CBS502403 10V 2200 μ F LXZseries (NIPPON CHEMI-CON)
CBS502415 25V 470 μ F LXZseries (NIPPON CHEMI-CON)
CBS502424 35V 220 μ F LXZseries (NIPPON CHEMI-CON)
C9 : MDD21H104M (Nitsuko)

Fig. Testing circuitry



LINE CONDUCTION

Model Name : CBS502424

Model No. :

Serial No. :

Points : 2

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Limit1: [EN 55022] Class B(QP)

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

Tested by : T.Oiwake

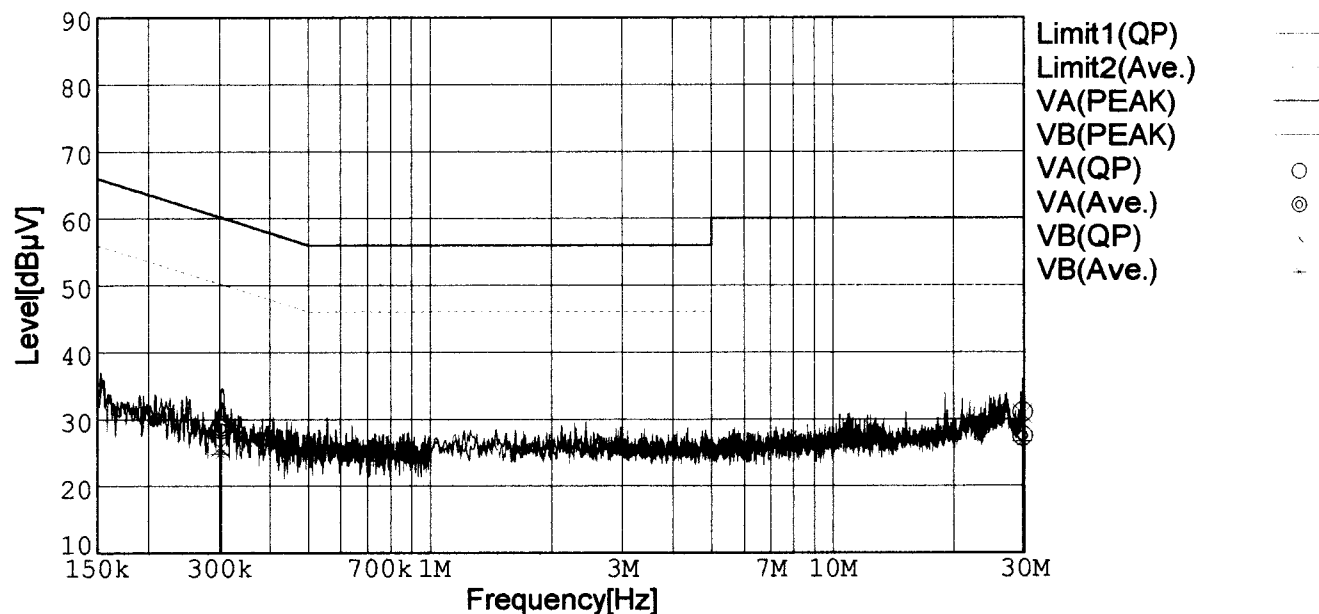
Temp. : 25degC

Humi. : 40%

Date : 2002/7/11 17:02

Test Equip. : R3132,ESPC

Comment : DC 24V, Io=2.1A



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]
0.3030	19.2	18.8	9.8	29.0	28.6	VA	60.2	50.2	31.2	21.6
29.7986	20.6	17.0	10.4	31.0	27.4	VA	60.0	50.0	29.0	22.6
0.3007	15.9	15.0	9.8	25.7	24.8	VB	60.2	50.2	34.5	25.4
29.6985	20.3	16.3	10.4	30.7	26.7	VB	60.0	50.0	29.3	23.3

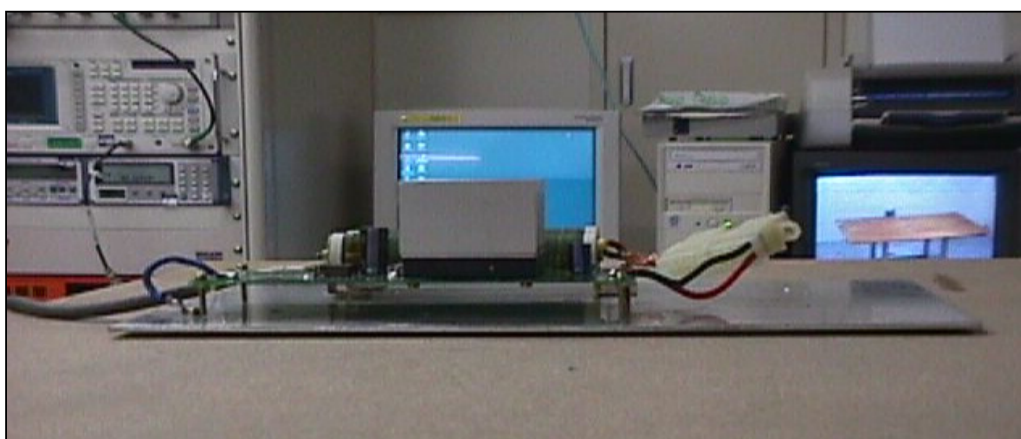
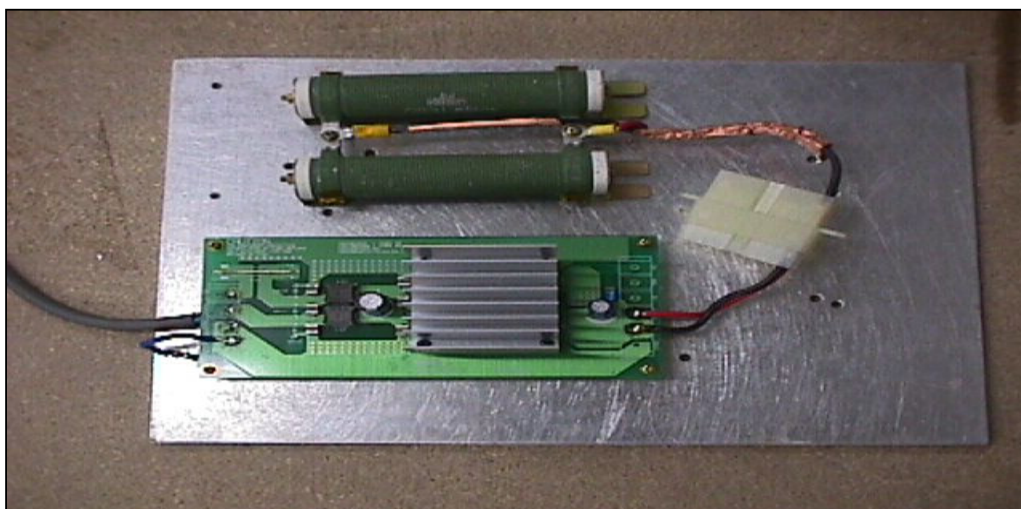
Conditions

Date 2002/7/19

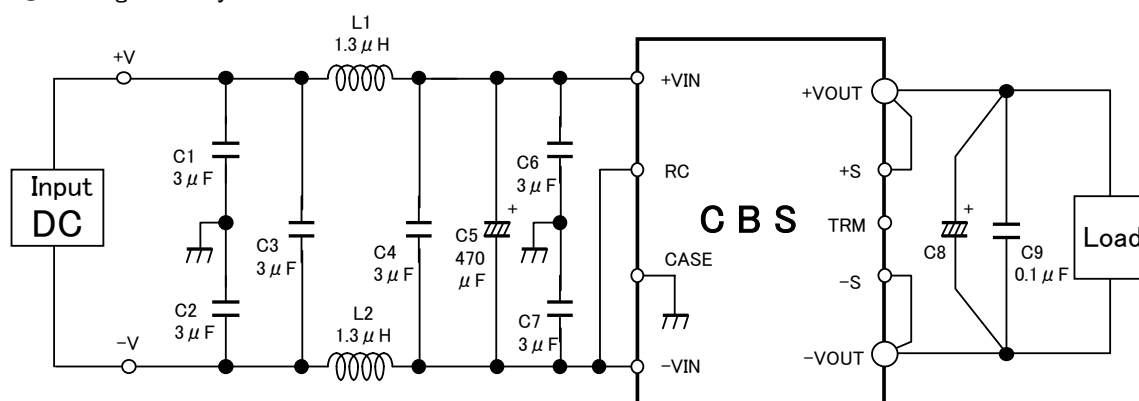
Test : LINE CONDUCTION

Model Name : CBS502403/15/24

○Photographs of Test Set-Up



○Testing circuitry



L1, L2 : ETQP6F1R3LFA (MATSUSHITA)

C1, C2, C3,

C4, C6, C7 : CY55Y5P2A305M (TOKIN)

C5 : 50V 470 μ F PMseries (nichicon)

C8 : CBS502403 10V 2200 μ F LXZseries (NIPPON CHEMI-CON)

CBS502415 25V 470 μ F LXZseries (NIPPON CHEMI-CON)

CBS502424 35V 220 μ F LXZseries (NIPPON CHEMI-CON)

C9 : MDD21H104M (Nitsuko)

Fig. Testing circuitry