



RADIATED EMISSION

Model Name : CBS502403

Model No. :

Serial No. :

Points : 3

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Tested by : T.Oiwake

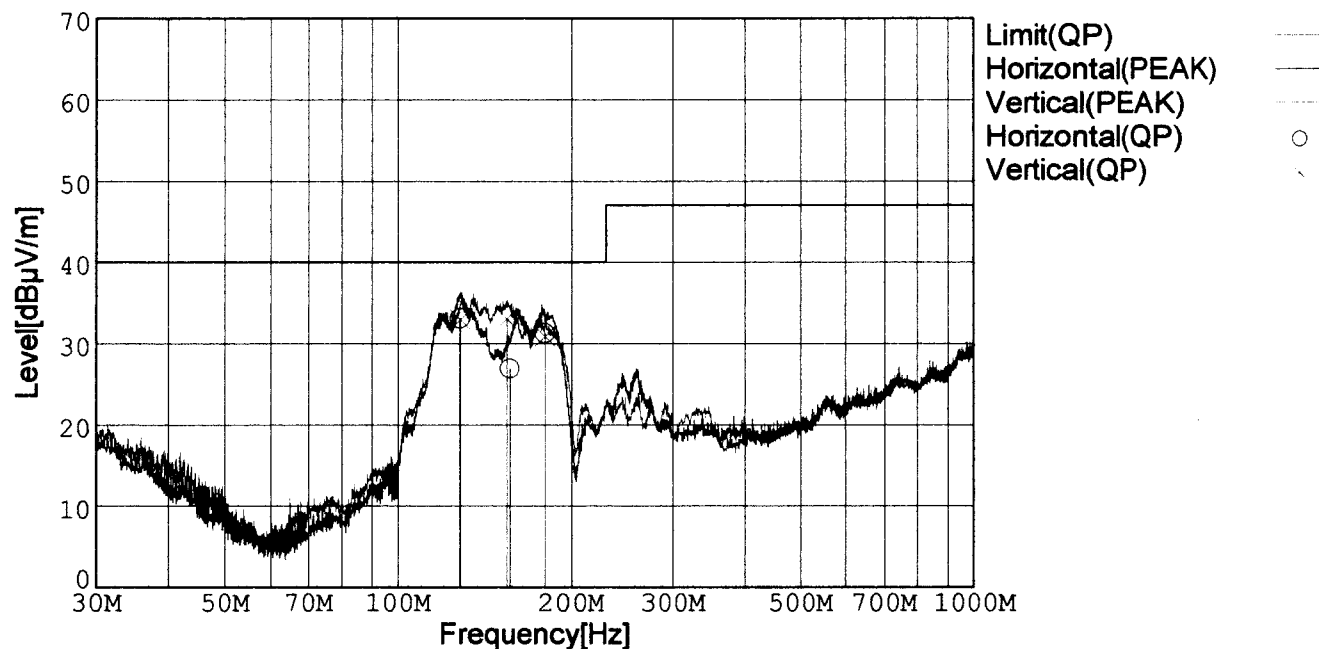
Temp. : 25degC

Humi. : 40%

Date : 2002/7/12 19:25

Test Equip. : R3132,ESPC

Comment : DC 24V, 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]
128.218	53.4	BL	11.2	-31.5	33.1	78	152	Hori.	40.0	6.9
156.421	48.0	BL	10.2	-31.3	26.9	82	158	Hori.	40.0	13.1
180.475	54.1	BL	8.4	-31.2	31.3	115	159	Hori.	40.0	8.7
128.288	53.3	BL	11.2	-31.5	33.0	3	158	Vert.	40.0	7.0
154.469	54.2	BL	10.3	-31.4	33.1	327	150	Vert.	40.0	6.9
180.415	53.7	BL	8.4	-31.2	30.9	302	138	Vert.	40.0	9.1

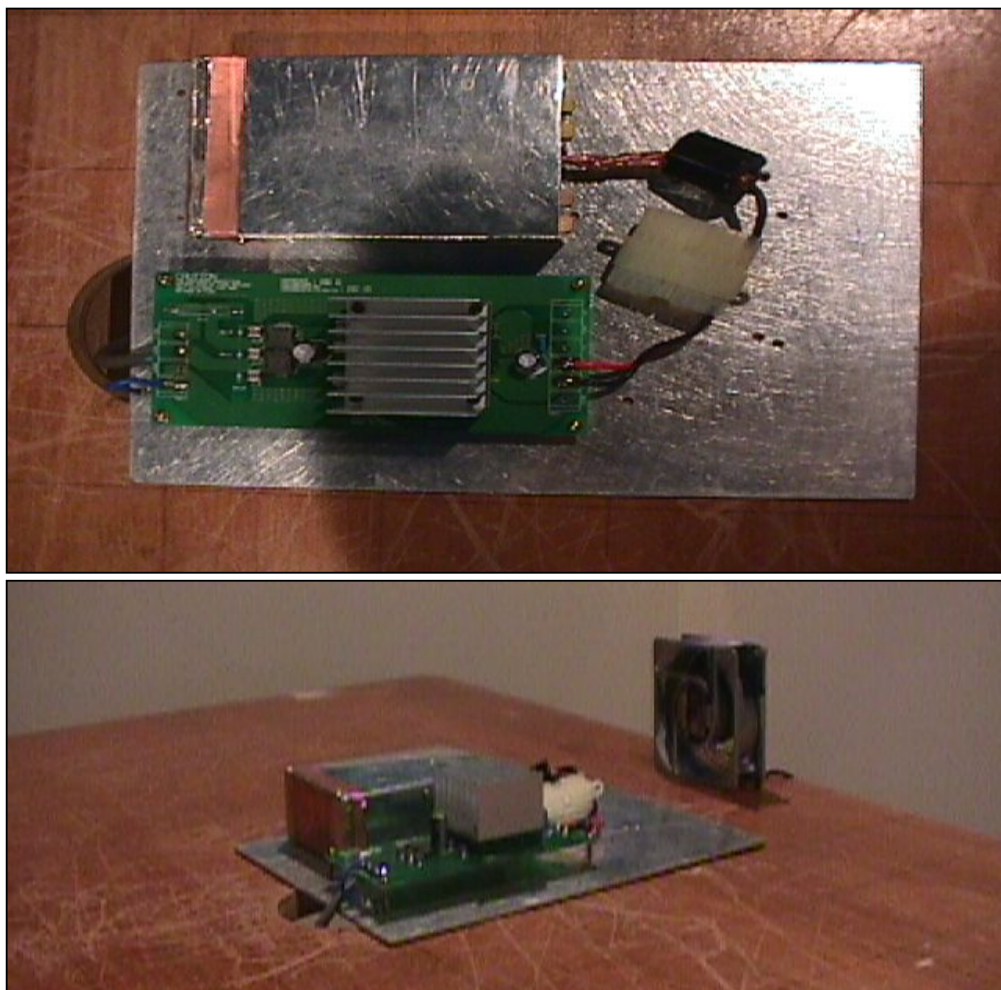
BL: Biconi-Log

Conditions

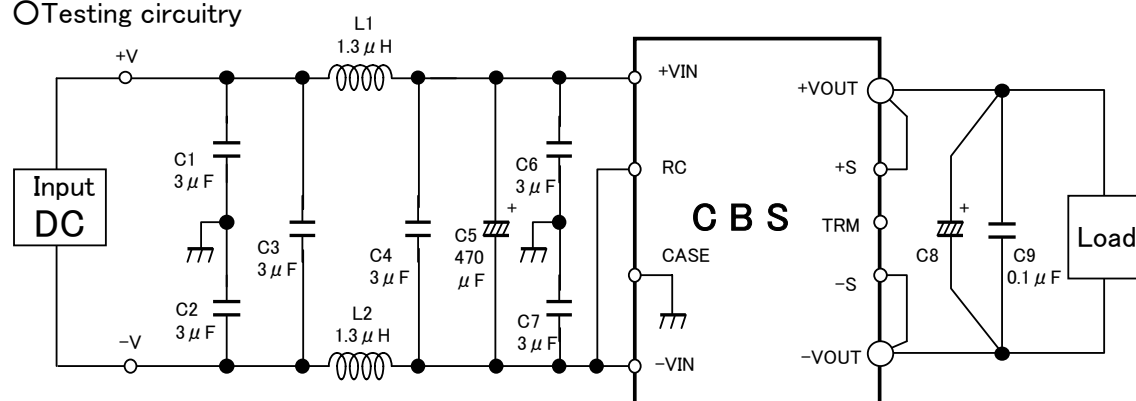
Date 2002/7/19

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 : CBS502403

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 : T.Oiwake

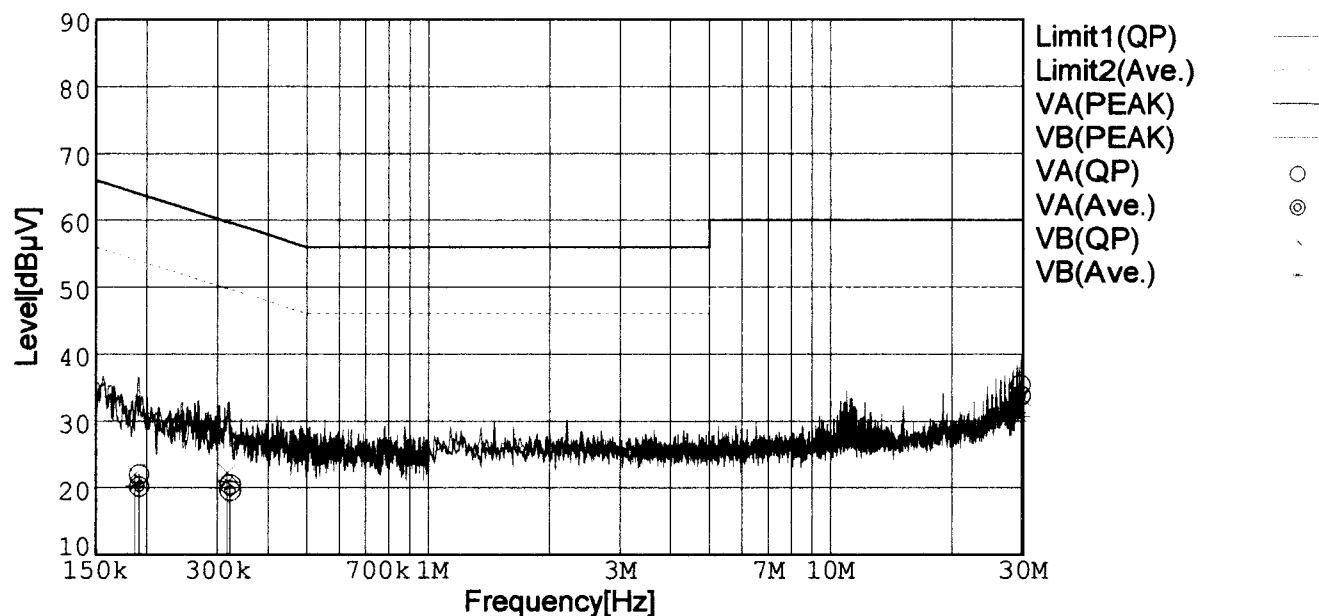
Temp. : 25degC

Humi. : 40%

Date : 2002/7/11 19:38

Test Equip. : R3132,ESPC

Comment : DC 24V, Io=11.7A



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]
0.1921	12.2	10.3	9.8	22.0	20.1	VA	64.0	54.0	42.0	33.9
0.3222	10.7	9.7	9.8	20.5	19.5	VA	59.7	49.7	39.2	30.2
29.6600	24.9	23.3	10.4	35.3	33.7	VA	60.0	50.0	24.7	16.3
0.1874	12.2	10.5	9.8	22.0	20.3	VB	64.2	54.2	42.2	33.9
0.3173	12.5	11.1	9.8	22.3	20.9	VB	59.8	49.8	37.5	28.9
29.6555	23.3	20.2	10.4	33.7	30.6	VB	60.0	50.0	26.3	19.4

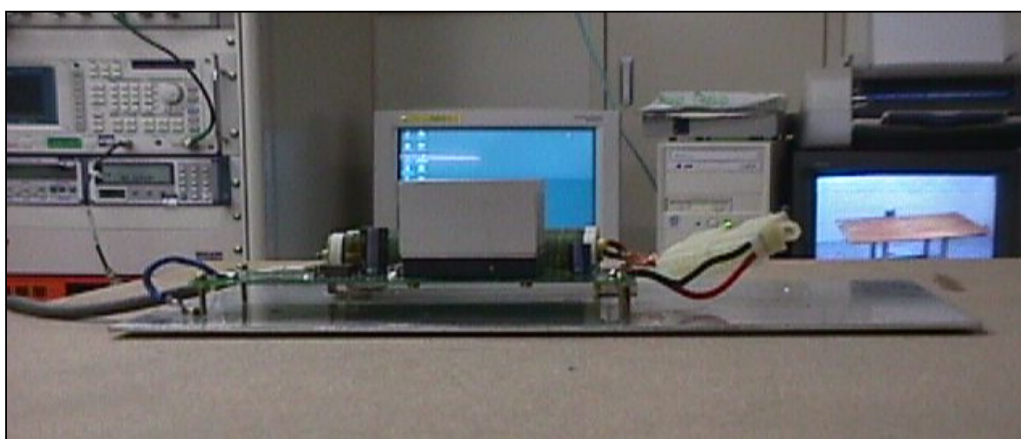
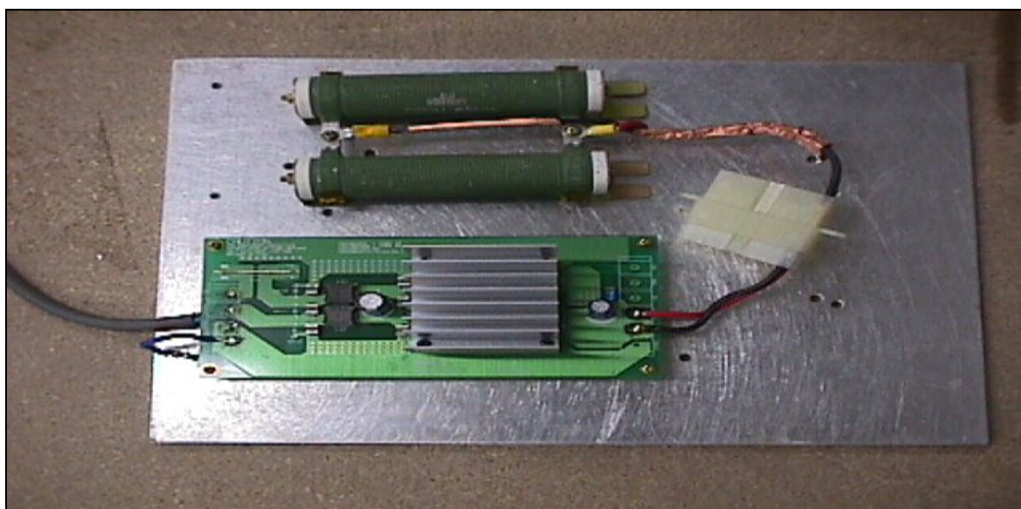
Conditions

Date 2002/7/19

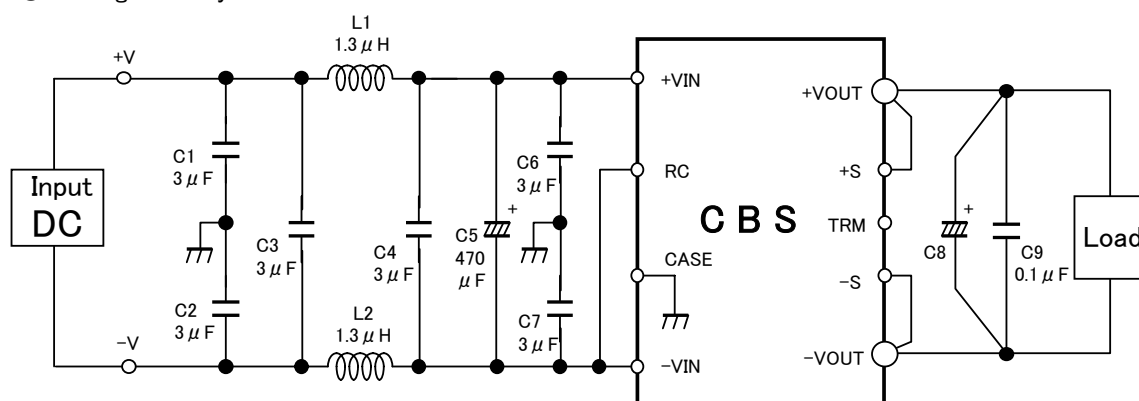
Test : LINE CONDUCTION

Model Name : CBS502403/15/24

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○Testing circuitry



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

C9 : MDD21H104M (Nitsuko)

Fig. Testing circuitry