

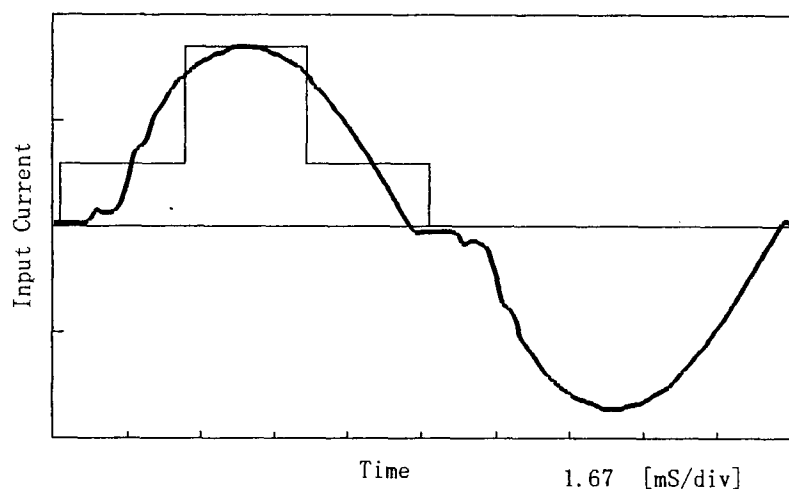
COSEL

Model	LEP100F-36	Temperature	25°C
Item	Harmonic Current 高調波電流	Testing Circuitry	Figure E
Object			

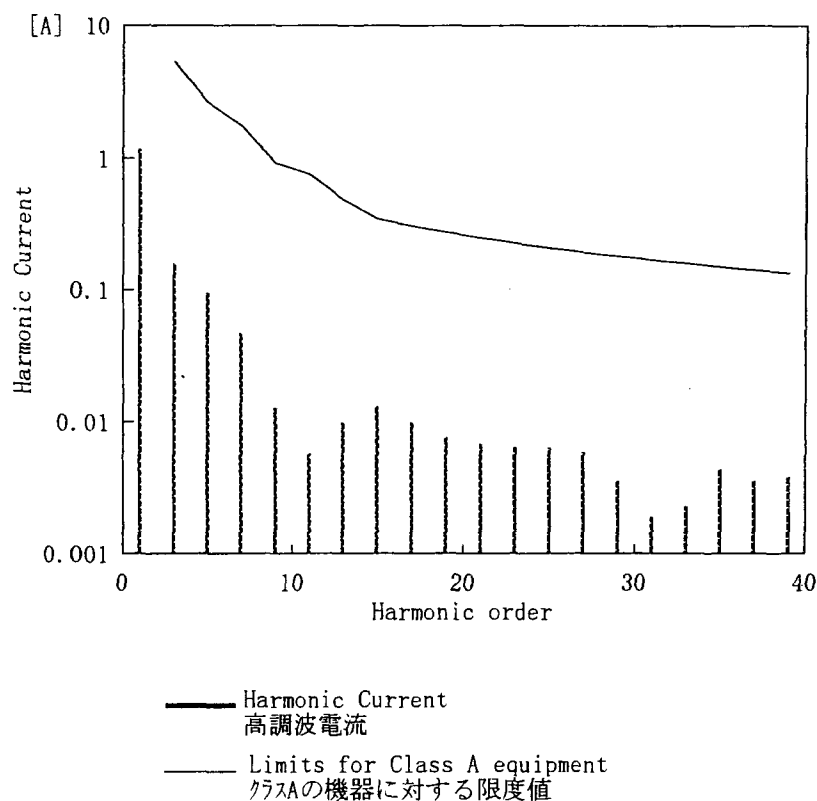
1. Input Current Waveform

— Input Current
 — Envelope of the input current to classify equipment as Class D
 クラスDの機器を決定するための入力電流包絡線

1 A/div



2. Harmonic Current



Conditions	Values
Input Voltage [V]	100.1
Input Current [A]	1.19
Active Power [W]	117.6
Apparent Power [VA]	119.2
Frequency [Hz]	60
Power Factor	0.987
Output Power [W]	100.8

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	1.17480
2	—	0.00060
3	5.28472	0.15860
4	—	0.00030
5	2.61938	0.09390
6	—	0.00010
7	1.76923	0.04700
8	—	0.00010
9	0.91908	0.01280
10	—	0.00000
11	0.75824	0.00580
12	—	0.00010
13	0.48252	0.00990
14	—	0.00010
15	0.34466	0.01310
16	—	0.00000
17	0.30411	0.00990
18	—	0.00000
19	0.27210	0.00760
20	—	0.00010
21	0.24618	0.00680
22	—	0.00000
23	0.22478	0.00640
24	—	0.00010
25	0.20679	0.00640
26	—	0.00000
27	0.19148	0.00590
28	—	0.00000
29	0.17827	0.00360
30	—	0.00000
31	0.16677	0.00190
32	—	0.00000
33	0.15666	0.00230
34	—	0.00000
35	0.14771	0.00440
36	—	0.00000
37	0.13973	0.00360
38	—	0.00010
39	0.13256	0.00390
40	—	0.00010

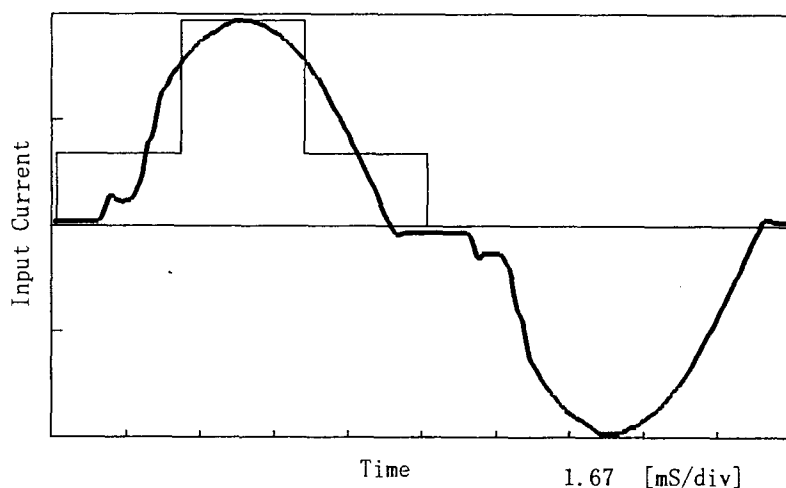
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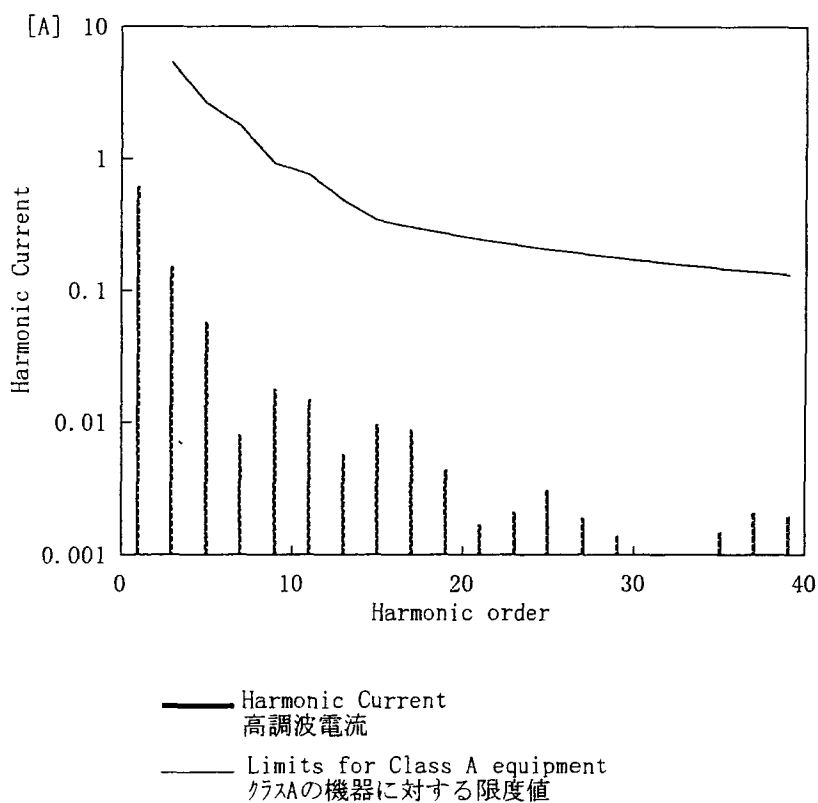
1. Input Current Waveform

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クラスDの機器を決定するための入力電流包絡線

0.5 A/div

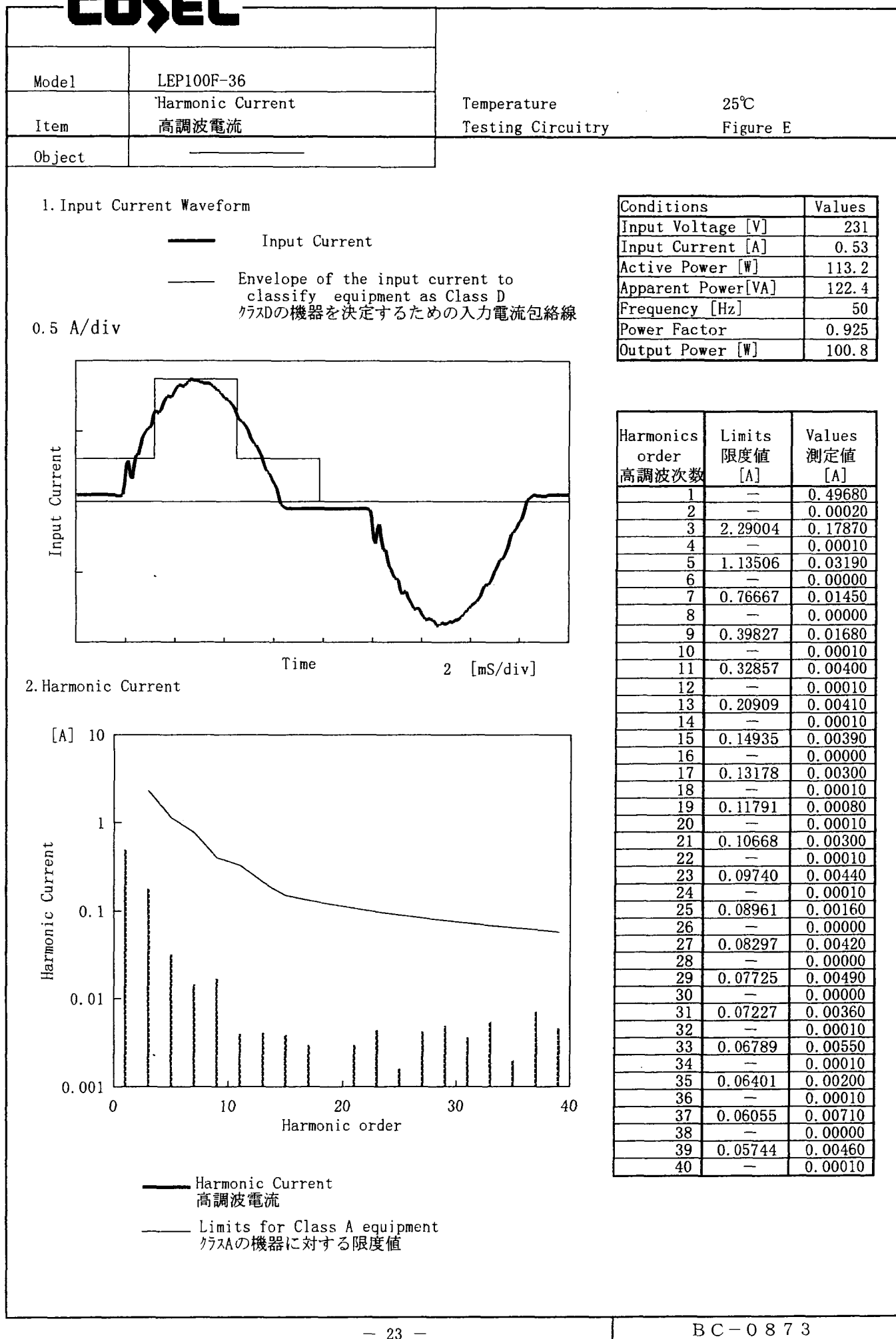


2. Harmonic Current



Conditions	Values
Input Voltage [V]	100.3
Input Current [A]	0.639
Active Power [W]	61.8
Apparent Power [VA]	64.1
Frequency [Hz]	60
Power Factor	0.964
Output Power [W]	50.4

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	0.61710
2	—	0.00030
3	5.27418	0.15200
4	—	0.00010
5	2.61416	0.05750
6	—	0.00010
7	1.76570	0.00810
8	—	0.00010
9	0.91725	0.01790
10	—	0.00010
11	0.75673	0.01500
12	—	0.00000
13	0.48156	0.00580
14	—	0.00010
15	0.34397	0.00960
16	—	0.00010
17	0.30350	0.00880
18	—	0.00010
19	0.27155	0.00440
20	—	0.00010
21	0.24569	0.00170
22	—	0.00000
23	0.22433	0.00210
24	—	0.00010
25	0.20638	0.00310
26	—	0.00010
27	0.19109	0.00190
28	—	0.00000
29	0.17791	0.00140
30	—	0.00010
31	0.16644	0.00100
32	—	0.00000
33	0.15635	0.00080
34	—	0.00000
35	0.14741	0.00150
36	—	0.00000
37	0.13945	0.00210
38	—	0.00000
39	0.13230	0.00200
40	—	0.00000

COSEL

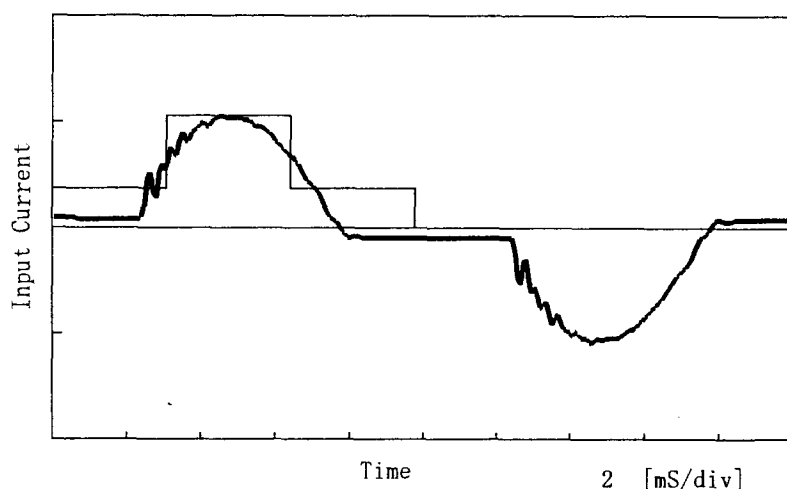
COSEL

Model	LEP100F-36	Temperature	25°C
Item	Harmonic Current 高調波電流	Testing Circuitry	Figure E
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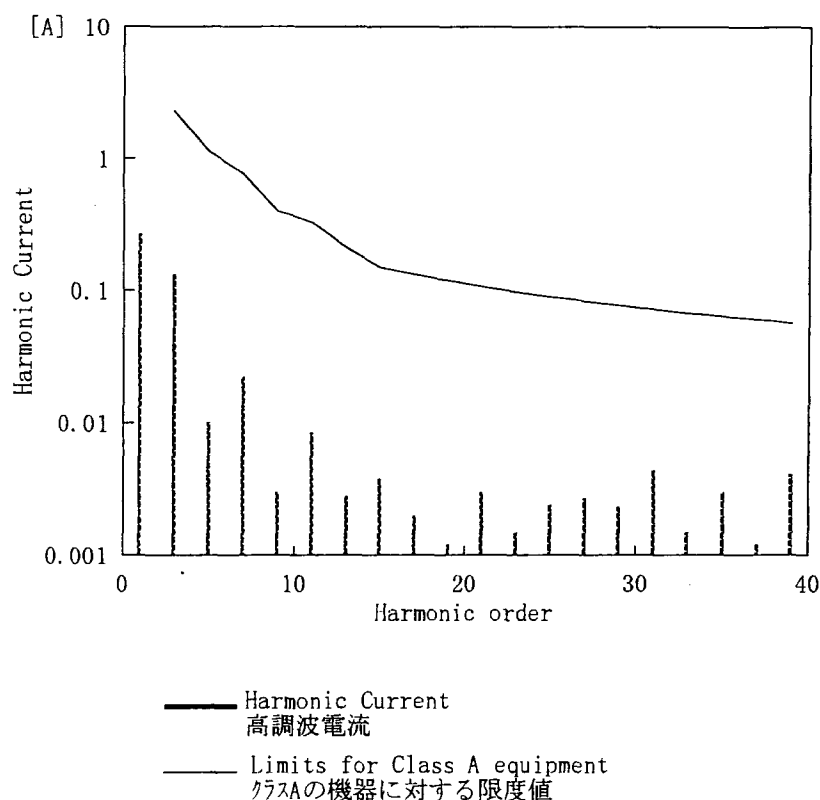
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0.5 A/div



2. Harmonic Current



Conditions	Values
Input Voltage [V]	231.1
Input Current [A]	0.301
Active Power [W]	60.4
Apparent Power [VA]	69.7
Frequency [Hz]	50
Power Factor	0.867
Output Power [W]	50.4

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	0.26860
2	—	0.00020
3	2.28905	0.13290
4	—	0.00000
5	1.13457	0.01020
6	—	0.00010
7	0.76633	0.02260
8	—	0.00010
9	0.39810	0.00300
10	—	0.00010
11	0.32843	0.00850
12	—	0.00000
13	0.20900	0.00280
14	—	0.00000
15	0.14929	0.00380
16	—	0.00010
17	0.13172	0.00200
18	—	0.00010
19	0.11786	0.00120
20	—	0.00000
21	0.10663	0.00300
22	—	0.00000
23	0.09736	0.00150
24	—	0.00010
25	0.08957	0.00240
26	—	0.00010
27	0.08294	0.00270
28	—	0.00010
29	0.07722	0.00230
30	—	0.00010
31	0.07224	0.00440
32	—	0.00000
33	0.06786	0.00150
34	—	0.00010
35	0.06398	0.00300
36	—	0.00010
37	0.06052	0.00120
38	—	0.00000
39	0.05742	0.00410
40	—	0.00010



RADIATED EMISSION

Model Name : LEP100F-36

Model No. : -

Serial No. : -

Points : 3

Detector : PEAK/QP

Polarization : Hori. & Vert.

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

Power Supply : 230V(1Phase) 50Hz

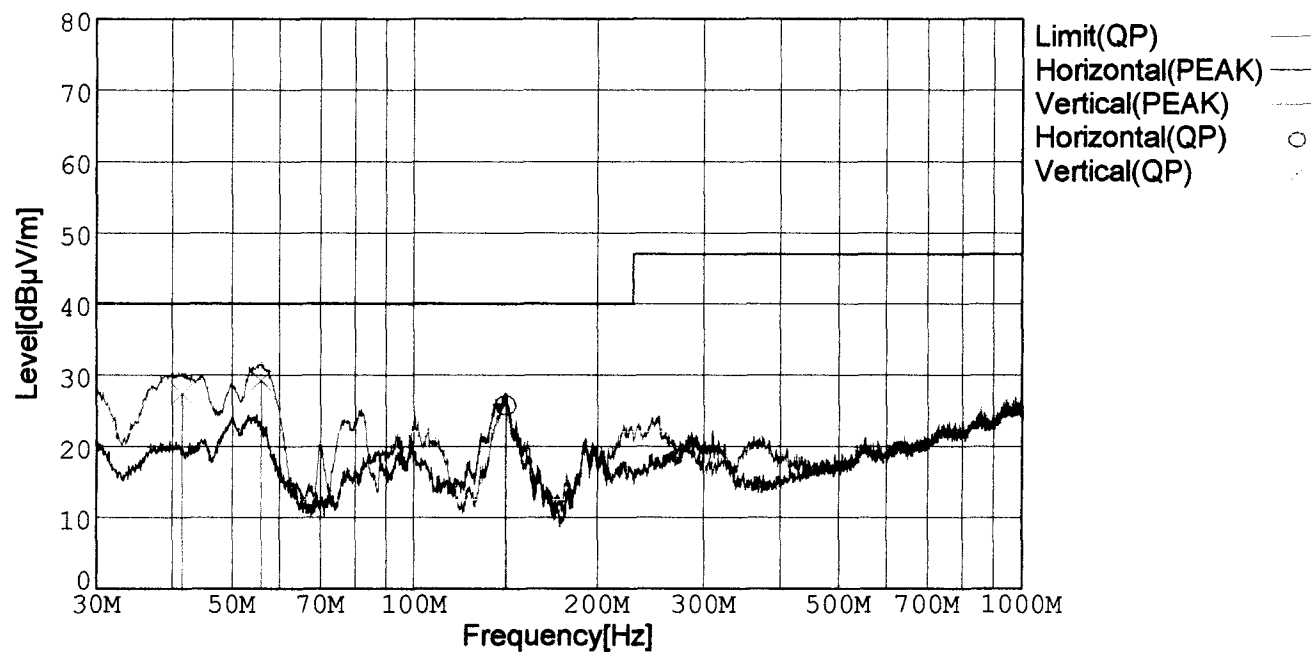
Temp. : 25deg C

Humi. : 45%

Date : 2002/8/27 14:29

Test Equip. : R3132,ESPC

Comment : Load100%(+36V 2.8A)



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]
141.961	46.3	BL	10.8	-31.4	25.7	204	160	Hori.	40.0	14.3
41.663	47.2	BL	12.1	-32.0	27.3	31	100	Vert.	40.0	12.7
56.065	55.7	BL	5.4	-31.9	29.2	63	110	Vert.	40.0	10.8

BL: Biconi-Log



LINE CONDUCTION

Model Name : LEP100F-36

Model No. : -

Serial No. : -

Points : 14

Detector : PEAK/QP/Ave.

Line Mode : VA/VB

Limit1: [EN 55022] Class B(QP)

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

Power Supply : 230V(1Phase) 50Hz

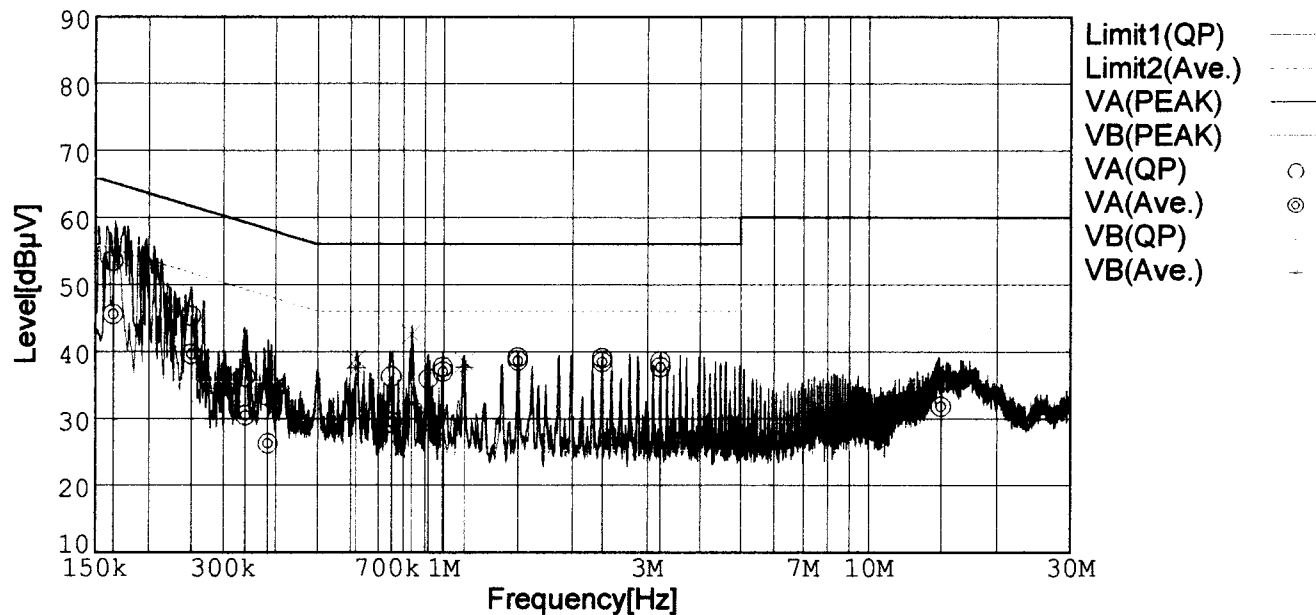
Temp. : 25deg C

Humi. : 45%

Date : 2002/8/23 14:17

Test Equip. : R3132,ESPC

Comment : Load100%(+36V 2.8A)



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]
0.1654	43.5	35.5	10.0	53.5	45.5	VA	65.2	55.2	11.7	9.7
0.2529	35.3	29.6	10.0	45.3	39.6	VA	61.7	51.7	16.4	12.1
0.3381	26.2	20.4	10.0	36.2	30.4	VA	59.3	49.3	23.1	18.9
0.3827	23.2	16.2	10.0	33.2	26.2	VA	58.2	48.2	25.0	22.0
0.6201	28.7	27.4	10.1	38.8	37.5	VB	56.0	46.0	17.2	8.5
0.7512	26.1	19.3	10.1	36.2	29.4	VA	56.0	46.0	19.8	16.6
0.8372	32.5	22.1	10.1	42.6	32.2	VB	56.0	46.0	13.4	13.8
0.9185	25.8	19.5	10.1	35.9	29.6	VA	56.0	46.0	20.1	16.4
0.9954	27.5	26.8	10.1	37.6	36.9	VA	56.0	46.0	18.4	9.1
1.1185	28.2	27.5	10.1	38.3	37.6	VB	56.0	46.0	17.7	8.4
1.4898	29.0	28.5	10.1	39.1	38.6	VA	56.0	46.0	16.9	7.4
2.3595	28.8	28.2	10.2	39.0	38.4	VA	56.0	46.0	17.0	7.6
3.2298	28.3	27.4	10.2	38.5	37.6	VA	56.0	46.0	17.5	8.4
14.7801	25.1	21.1	10.6	35.7	31.7	VA	60.0	50.0	24.3	18.3