

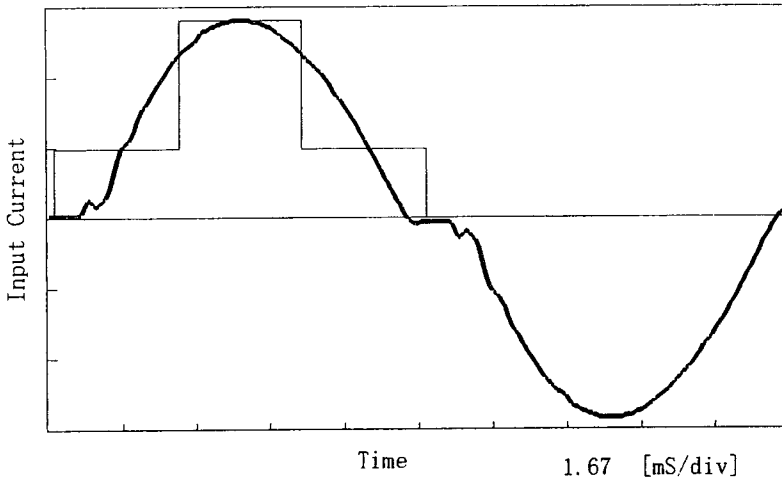


Model	LEA150F-9	Temperature	25°C
Item	Harmonic Current 高調波電流	Testing Circuitry	Figure E
Object			

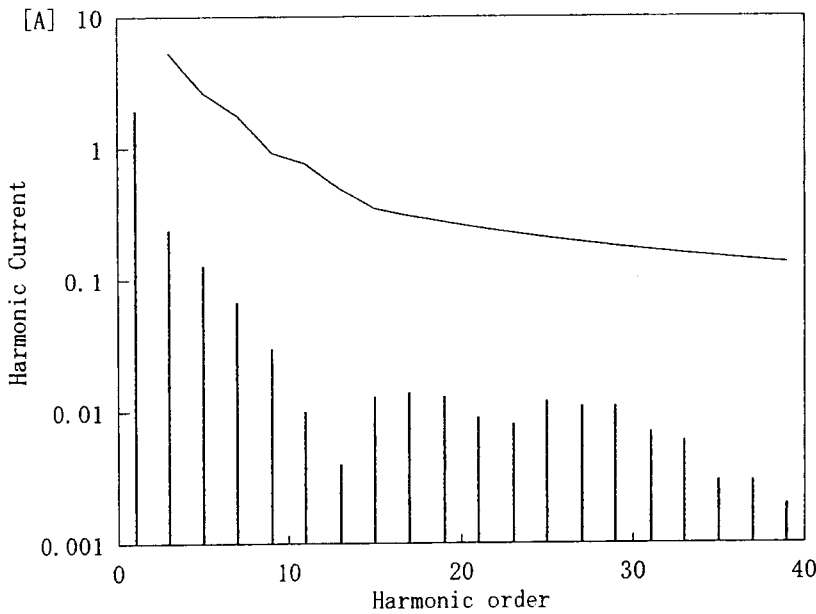
1. Input Current Waveform

— 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



— Harmonic Current
 高調波電流
 — Limits for Class A equipment
 クラスAの機器に対する限度値

Conditions	Values
Input Voltage [V]	99.6
Input Current [A]	1.967
Active Power [W]	193.7
Apparent Power [VA]	195.8
Frequency [Hz]	60
Power Factor	0.989
Output Power [W]	153

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	1.94500
2	—	0.00100
3	5.31124	0.24100
4	—	0.00100
5	2.63253	0.12900
6	—	0.00000
7	1.77811	0.06800
8	—	0.00000
9	0.92369	0.03000
10	—	0.00000
11	0.76205	0.01000
12	—	0.00000
13	0.48494	0.00400
14	—	0.00000
15	0.34639	0.01300
16	—	0.00000
17	0.30563	0.01400
18	—	0.00000
19	0.27346	0.01300
20	—	0.00000
21	0.24742	0.00900
22	—	0.00000
23	0.22590	0.00800
24	—	0.00000
25	0.20783	0.01200
26	—	0.00000
27	0.19244	0.01100
28	—	0.00000
29	0.17916	0.01100
30	—	0.00000
31	0.16761	0.00700
32	—	0.00000
33	0.15745	0.00600
34	—	0.00000
35	0.14845	0.00300
36	—	0.00000
37	0.14043	0.00300
38	—	0.00000
39	0.13323	0.00200
40	—	0.00000

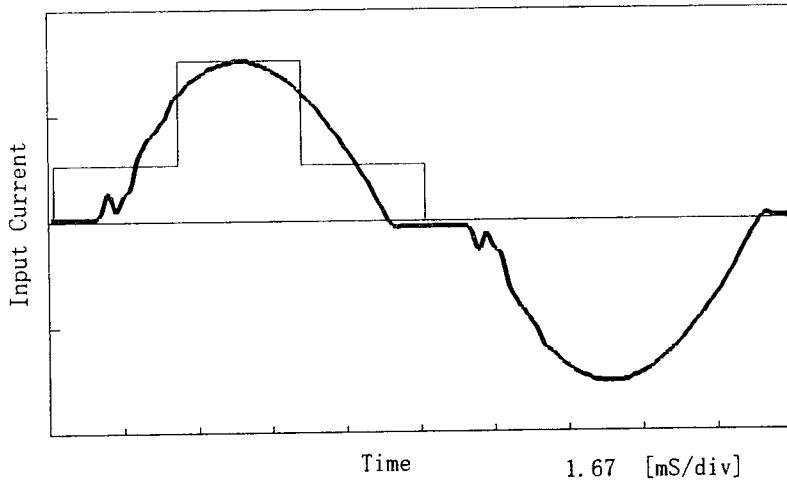


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Item		Harmonic Current 高調波電流	Testing Circuitry		Figure E
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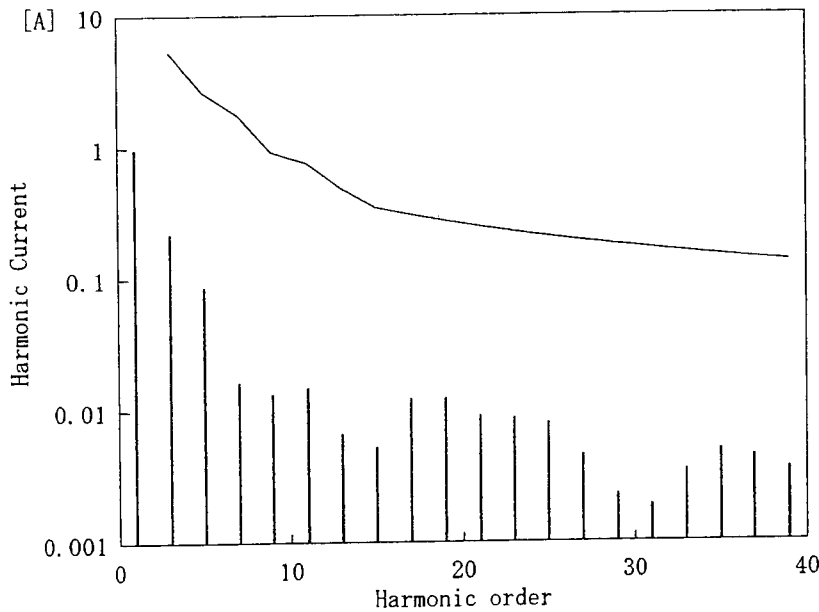
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1 A/div



2. Harmonic Current



— Harmonic Current
 高調波電流
 — Limits for Class A equipment
 クラスAの機器に対する限度値

Conditions	Values
Input Voltage [V]	100
Input Current [A]	1.007
Active Power [W]	97.6
Apparent Power [VA]	100.7
Frequency [Hz]	60
Power Factor	0.969
Output Power [W]	76.5

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	0.97730
2	—	0.00080
3	5.29000	0.22140
4	—	0.00030
5	2.62200	0.08690
6	—	0.00010
7	1.77100	0.01640
8	—	0.00000
9	0.92000	0.01340
10	—	0.00000
11	0.75900	0.01490
12	—	0.00010
13	0.48300	0.00670
14	—	0.00010
15	0.34500	0.00530
16	—	0.00010
17	0.30441	0.01230
18	—	0.00010
19	0.27237	0.01250
20	—	0.00010
21	0.24643	0.00910
22	—	0.00010
23	0.22500	0.00870
24	—	0.00010
25	0.20700	0.00800
26	—	0.00000
27	0.19167	0.00460
28	—	0.00030
29	0.17845	0.00230
30	—	0.00010
31	0.16694	0.00190
32	—	0.00000
33	0.15682	0.00350
34	—	0.00010
35	0.14786	0.00500
36	—	0.00030
37	0.13986	0.00450
38	—	0.00000
39	0.13269	0.00360
40	—	0.00030

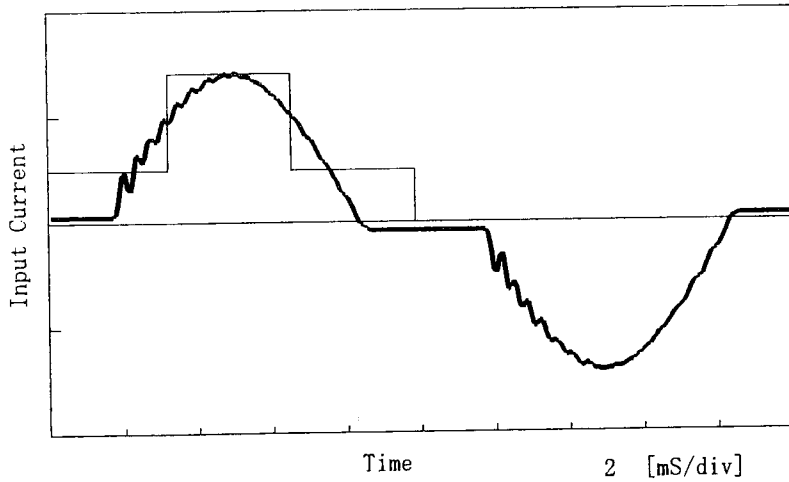


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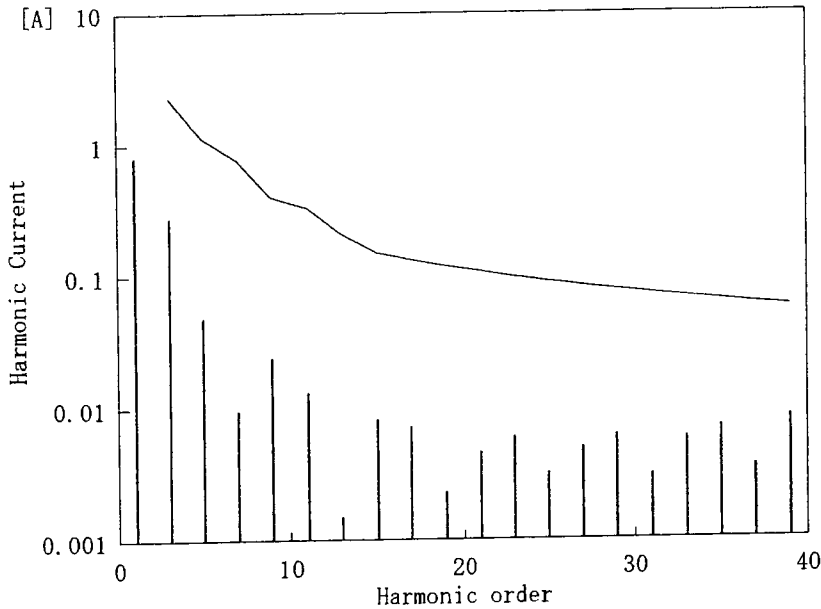
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1 A/div



2. Harmonic Current



— Harmonic Current
 高調波電流
 — Limits for Class A equipment
 クラスAの機器に対する限度値

Conditions	Values
Input Voltage [V]	230.4
Input Current [A]	0.863
Active Power [W]	184.9
Apparent Power [VA]	198.8
Frequency [Hz]	50
Power Factor	0.930
Output Power [W]	153

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	0.81340
2	—	0.00050
3	2.29601	0.27880
4	—	0.00010
5	1.13802	0.04880
6	—	0.00000
7	0.76866	0.00960
8	—	0.00000
9	0.39931	0.02430
10	—	0.00010
11	0.32943	0.01320
12	—	0.00010
13	0.20964	0.00150
14	—	0.00010
15	0.14974	0.00820
16	—	0.00000
17	0.13212	0.00720
18	—	0.00000
19	0.11822	0.00230
20	—	0.00010
21	0.10696	0.00460
22	—	0.00010
23	0.09766	0.00600
24	—	0.00010
25	0.08984	0.00320
26	—	0.00000
27	0.08319	0.00500
28	—	0.00000
29	0.07745	0.00620
30	—	0.00000
31	0.07245	0.00310
32	—	0.00010
33	0.06806	0.00590
34	—	0.00000
35	0.06417	0.00710
36	—	0.00010
37	0.06071	0.00360
38	—	0.00010
39	0.05759	0.00850
40	—	0.00000

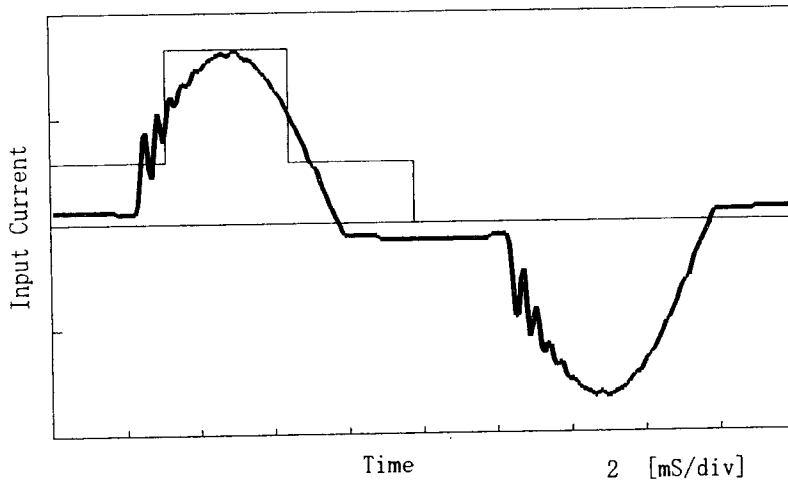


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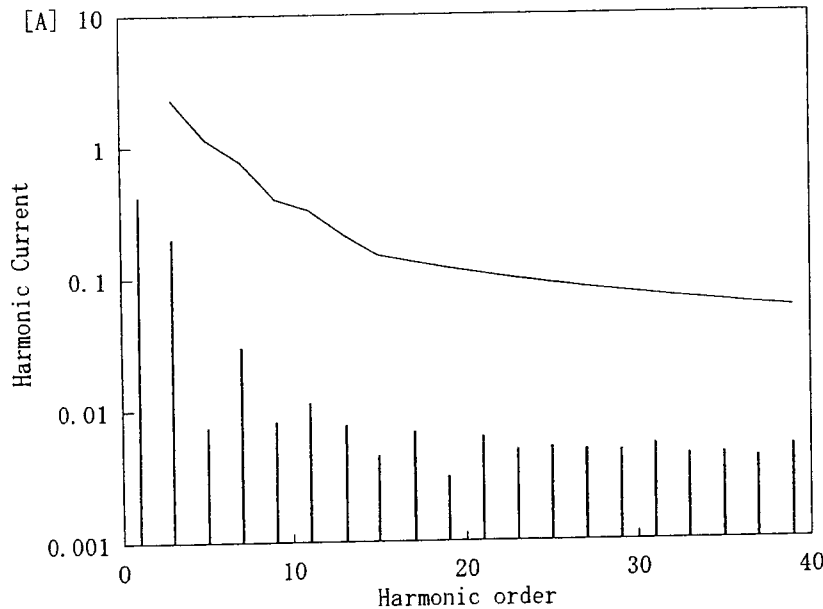
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0.5 A/div



2. Harmonic Current



— Harmonic Current
 高調波電流
 — Limits for Class A equipment
 クラスAの機器に対する限度値

Conditions	Values
Input Voltage [V]	230.5
Input Current [A]	0.471
Active Power [W]	94.6
Apparent Power [VA]	108.6
Frequency [Hz]	50
Power Factor	0.871
Output Power [W]	76.5

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	0.42250
2	—	0.00050
3	2.29501	0.20160
4	—	0.00000
5	1.13753	0.00750
6	—	0.00000
7	0.76833	0.03050
8	—	0.00010
9	0.39913	0.00820
10	—	0.00010
11	0.32928	0.01140
12	—	0.00000
13	0.20954	0.00770
14	—	0.00000
15	0.14967	0.00450
16	—	0.00000
17	0.13207	0.00680
18	—	0.00010
19	0.11816	0.00310
20	—	0.00010
21	0.10691	0.00620
22	—	0.00000
23	0.09761	0.00490
24	—	0.00000
25	0.08980	0.00510
26	—	0.00010
27	0.08315	0.00490
28	—	0.00010
29	0.07742	0.00480
30	—	0.00010
31	0.07242	0.00530
32	—	0.00000
33	0.06803	0.00440
34	—	0.00000
35	0.06415	0.00450
36	—	0.00000
37	0.06068	0.00420
38	—	0.00010
39	0.05757	0.00510
40	—	0.00010

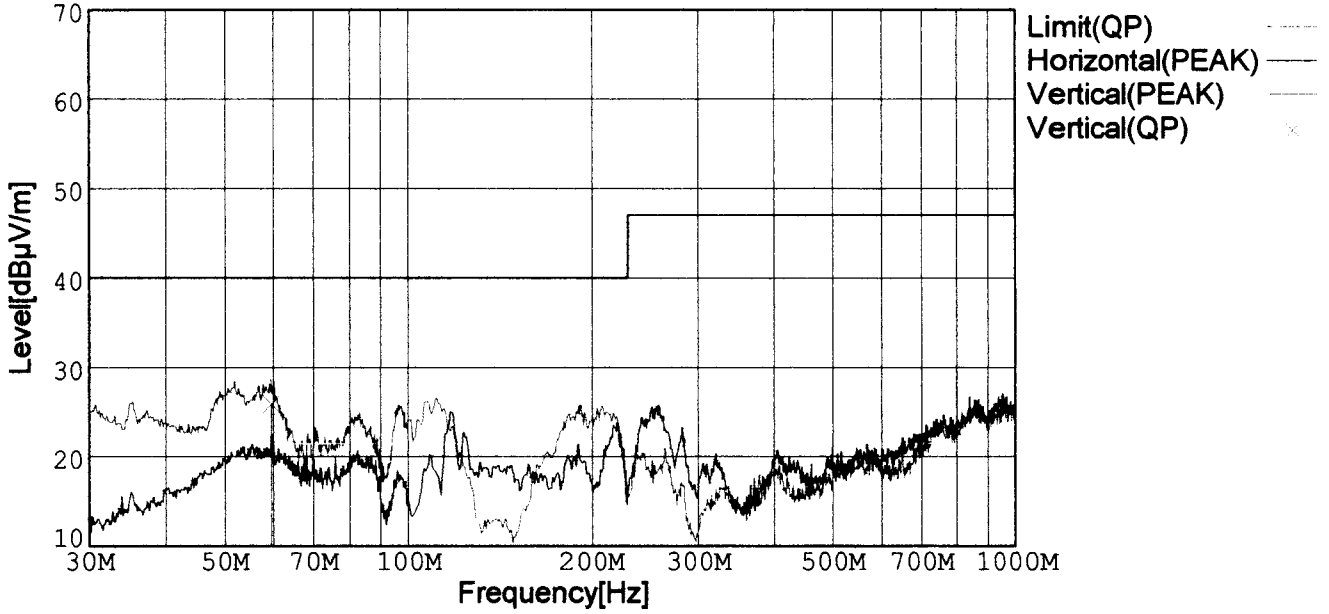


RADIATED EMISSION

Model Name : LEA150F-9
 Model No. :
 Serial No. :
 Temperature : 25deg C
 Detector : PEAK/QP
 Polarization : Vertical

Humidity : 44%
 Comment : AC230V
 Date : 1999/4/24 12:06
 EMI Receiver(s) : R3261A,ESPC

Limit: [CISPR 22] 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]
59.615	44.2	BL	-28.6	10.2	25.8	236	146	Vert.	40.0	14.2

BL: Biconi-Log

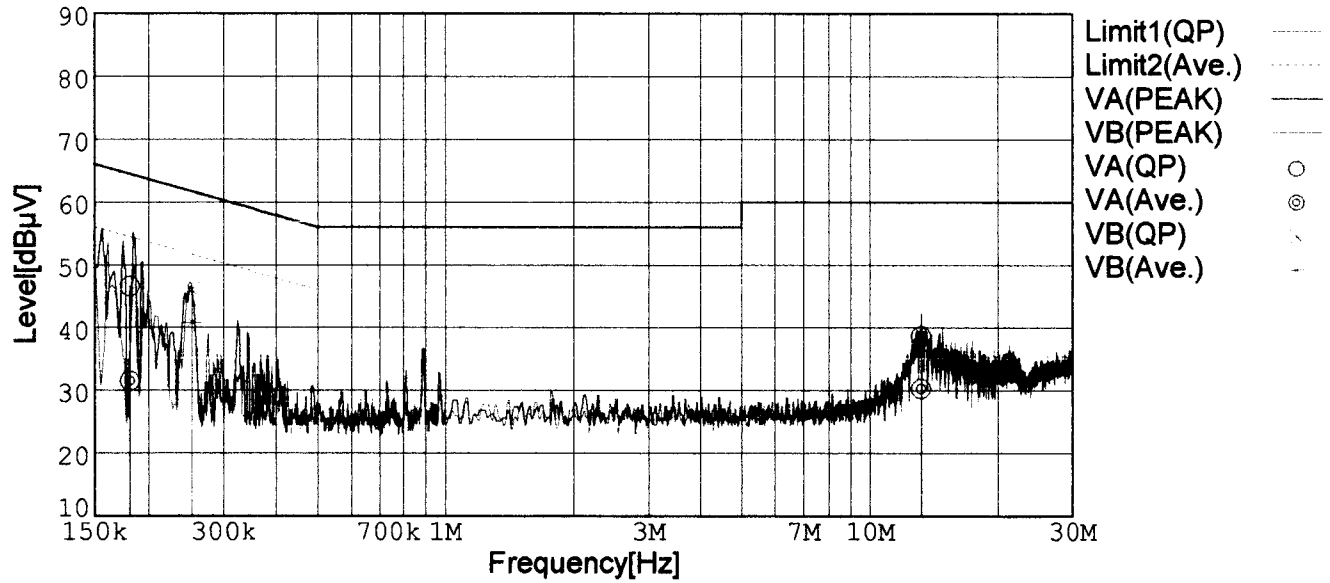


LINE CONDUCTION

Model Name : LEA150F-9
 Model No. :
 Serial No. :
 Temperature : 25deg C
 Detector : PEAK/QP/Ave.
 Line Mode : VA/VB

Humidity : 44%
 Comment : AC230V
 Date : 1999/4/24 18:19
 EMI Receiver(s) : R3261A,ESPC

Limit1: [CISPR Pub22] Class B(QP)
 Limit2: [CISPR Pub22] Class B(Ave.)



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]
0.1809	36.2	21.2	10.3	46.5	31.5	VA	64.4	54.4	17.9	22.9
13.2170	28.0	19.7	10.6	38.6	30.3	VA	60.0	50.0	21.4	19.7
0.2530	35.7	30.5	10.3	46.0	40.8	VB	61.7	51.7	15.7	10.9