

EXHIBIT 4

Test Report

Test Report

TTEMC-F98049

APPLICATION FOR CERTIFICATION
On Behalf of
Full Yes Industrial Corp.
VGA Card

Model : 9750

FCC ID : KC7-9750

Prepared for : Full Yes Industrial Corp.
3F, No. 5,7, Lane 154, Pao Chiao Rd.,
Hsin Tien City, Taipei Hsien, Taiwan, R.O.C.

Prepared By : Taiwan Tokin EMC Eng. Corp.
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File Number : ATM-G98036
Report Number : TTEMC-F98049
Date of Test : Mar. 17 / Apr. 08, 1998
Date of Report : Apr. 11, 1998

TABLE OF CONTENTS

Description	Page
Test Report Certification	
1. GENERAL INFORMATION	1.-1
1.1. Description of Device (EUT)	1.-1
1.2. Details of Support Simulators	1.-1
1.3. Description of Test Facility	1.-3
2. POWERLINE CONDUCTED TEST	2.-1
2.1. Test Equipment	2.-1
2.2. Block Diagram of Test Setup	2.-1
2.3. Conducted Powerline Emission Limit (CLASS B)	2.-1
2.4. EUT Configuration on Measurement	2.-2
2.5. Operating Condition of EUT	2.-2
2.6. Test Procedure	2.-3
2.7. Line Conducted RF Voltage Measurement Results	2.-4
3. RADIATED EMISSION TEST	3.-1
3.1. Test Equipment	3.-1
3.2. Block Diagram of Test Setup	3.-1
3.3. Radiation Limit (CLASS B)	3.-2
3.4. EUT Configuration on Measurement	3.-2
3.5. Operating Condition of EUT	3.-2
3.6. Test Procedure	3.-3
3.7. Radiated Emission Noise Measurement Results	3.-4
4. MODIFICATIONS TO EUT	4.-1
5. DEVIATION TO TEST SPECIFICATIONS	5.-1
6. PHOTOGRAPHS	6.-1
6.1. Photos of Powerline Conducted Measurement	6.-1
6.2. Photos of Radiated Measurement at Open Field Test Site	6.-2
6.3. Photos of Radiated Measurement on Anechoic Chamber	6.-4
APPENDIX I	
APPENDIX II	

TEST REPORT CERTIFICATION

Applicant : Full Yes Industrial Corp.
Manufacturer : Full Yes Industrial Corp.
FCC ID : KC7-9750
EUT Description : VGA Card
(A) MODEL NO. : 9750
(B) SERIAL NO. : N/A
(C) POWER SUPPLY : DC 5V (Via PC)

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B OCTOBER 1996
AND FCC / ANSI C63.4-1992

The device described above was tested by TAIWAN TOKIN EMC ENG. CORP. to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15B Class B limits both radiated and conducted emissions.

The measurement results are contained in this test report and TAIWAN TOKIN EMC ENG. CORP. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits. TAIWAN TOKIN EMC ENG. CORP. recommends that this data was submitted for FCC certification purposes if a 6dB margin below FCC limits is obtained. This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Taiwan Tokin EMC Eng. corp.

Date of Test : Mar. 17 / Apr. 08, 1998

Prepared by : Monica Chang
(MONICA CHANG)

Test Engineer :

Allen Wang
(ALLEN WANG)

Approve & Authorized Signer :

Jackie Deng
(JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	VGA Card
Model Number	:	9750
FCC ID	:	KC7-9750
Applicant	:	Full Yes Industrial Corp. 3F, No. 5,7, Lane 154, Pao Chiao Rd., Hsin Tien City, Taipei Hsien, Taiwan, R.O.C.
Manufacturer	:	Full Yes Industrial Corp. 3F, No. 5,7, Lane 154, Pao Chiao Rd., Hsin Tien City, Taipei Hsien, Taiwan, R.O.C.
Date of Test	:	Mar. 17 / Apr. 08, 1998

1.2. Details of Support Simulators

1.2.1. PERSONAL COMPUTER

Mother Board	:	Asus, M/N P2L97 FCC ID By FCC DoC
CPU	:	Intel Pentium II 233MMX
S.P.S	:	Enlight, M/N EN-8257901
Floppy Drive Disk 3.5"	:	Mitsumi, M/N D359T6
Case	:	Enlight, MN EN-7230
Hard Disk Drive	:	Seagate, M/N ST32122A
VGA Card (EUT)	:	Full Yes, M/N 9750 FCC ID KC7-9750
Disk Ctrl Card	:	Within Mother Board
Serial/Parallel Card	:	Within Mother Board
Power Cord	:	Nonshielded, Detachable, 1.8m

1.2.2. MONITOR

Model Number	:	GDM-500PS
Serial Number	:	2703701
FCC ID	:	By FCC DoC
Manufacturer	:	Sony
Data Cable	:	Shielded, Detachable, 1.8m
Power Cord	:	Nonshielded, Detachable, 1.8m

1.2.3. KEYBOARD

Model Number	:	BTC-5139
Serial Number	:	73B304241
FCC ID	:	E5XKBM111
Manufacturer	:	Behavior Tech Computer Corp.
Data Cable	:	Shielded, Undetachable, 1.2m

1.2.4. PRINTER

Model Number	:	2225C
Serial Number	:	2526S40437
FCC ID	:	BS46XU2225C
Manufacturer	:	Hewlett Packard
Power Cord	:	Nonshielded, Undetachable, 1.8m
Data Cable	:	Shielded, Detachable, 1.2m

1.2.5. MODEM #1

Model Number	:	1414
Serial Number	:	950110300
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A Nonshielded, Undetachable, 1.8m

1.2.6. MODEM #2

Model Number	:	1414
Serial Number	:	950098201
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A Nonshielded, Undetachable, 1.8m

1.2.7. MOUSE

Model Number	:	M-S34
Serial Number	:	LZA65201997
FCC ID	:	DZL210472
Manufacturer	:	Logitech
Data Cable	:	Nonshielded, Undetachable, 1.9m

1.2.8. USB GAMEPAD #1

Model Number	:	INT-002
Serial Number	:	N/A
FCC ID	:	CWTEAK032
Manufacturer	:	Alps
Data Cable	:	Shielded, Undetachable, 1.6m Bonded a ferrite core

1.2.9. USB GAMEPAD #2

Model Number	:	INT-003
Serial Number	:	N/A
FCC ID	:	CWTEAK032
Manufacturer	:	Alps
Data Cable	:	Shielded, Undetachable, 2.3m Bonded a ferrite core

1.2.10. TELEVISION (Connect to EUT)

Model Number	:	PA5020C
Serial Number	:	N/A
Manufacturer	:	Philips
S Cable	:	Shielded, Detachable, 1.5m
AV Cable	:	Nonshielded, Detachable, 1.5m
Power Cord	:	Nonshielded, Undetachable, 3m

1.3. Description of Test Facility

Site Description (No. 2 Open Site)	:	Jul. 15, 1996 Re-file on Federal Communication Commission FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, U.S.A.
Name of Firm	:	Taiwan Tokin EMC Eng. Corp.
Site Location	:	No. 53-11, Tin-Fu Tsun, Lin-Kou, Taipei Hsien, Taiwan, R.O.C.
NVLAP Lab Code	:	200077-0

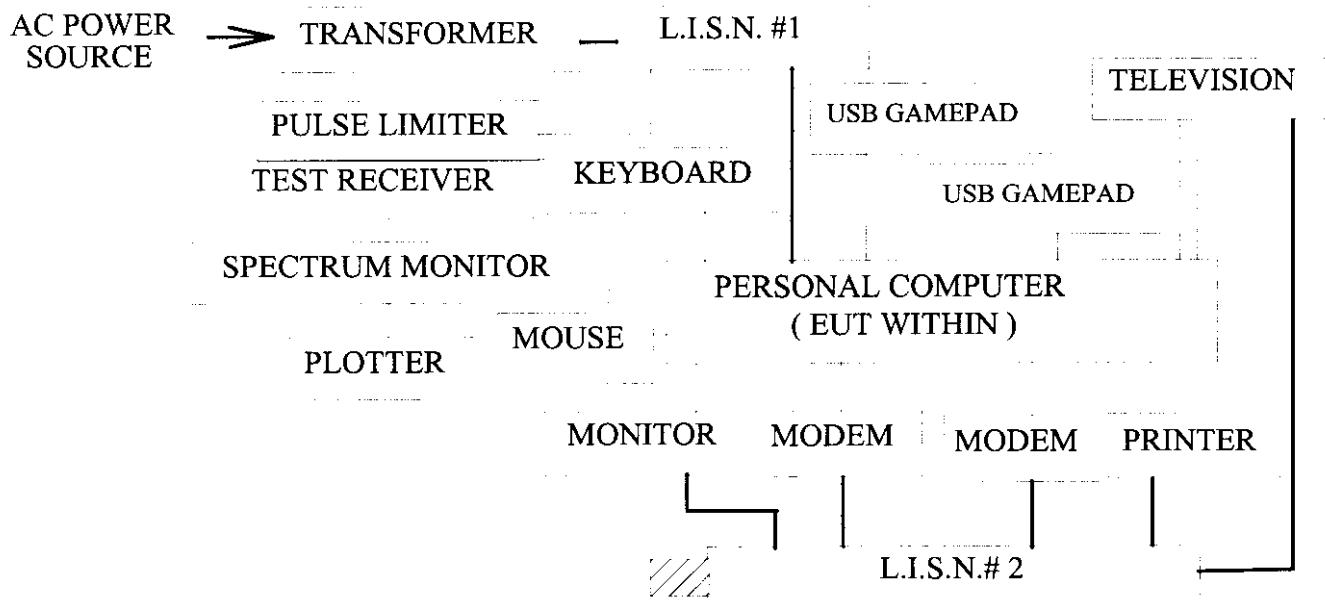
2. POWERLINE CONDUCTED TEST

2.1. Test Equipment

The following test equipments are used during the power line conducted tests :

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESH3	893044/015	Aug.01, 97'	1 Year
2.	L.I.S.N. # 1	Kyoritsu	KMW-407	8-855-9	May.01, 97'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KMW-407	8-881-13	May.01, 97'	1 Year

2.2. Block Diagram of Test Setup



EUT : VGA Card (Within PC)

/// : 50 OHM TERMINATOR

..... : POWER LINE — : SIGNAL LINE

2.3. Conducted Powerline Emission Limit (CLASS B)

Frequency	Maximum RF Line Voltage	
	uV	dBuV
0.45MHz ~ 30MHz	250	48

REMARKS : RF LINE VOLTAGE (dBuV) = 20 log RF LINE VOLTAGE (uV)

2.4. EUT Configuration on Measurement

The following equipments were installed on RF LINE VOLTAGE measurement to meet the Commission requirement and operating in a manner which tended to maximize its emission characteristics in a normal application.

2.4.1. VGA Card (EUT)

Model Number	:	9750
Serial Number	:	N/A
Manufacturer	:	VGA Card

2.4.2. Support Simulators : As in section 1.2

2.5. Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown on 2.2.
- 2.5.2. Turned on the power of all simulators.
- 2.5.3. Personal Computer read data from disk.
- 2.5.4. Personal Computer send "H" character to monitor through VGA Card (EUT) and the screen of monitor displayed "H" pattern by 107KHz/1600x1200.
- 2.5.5. Personal Computer send "H" character to TV through VGA Card (EUT) and the screen of TV displayed "H" pattern.
- 2.5.6. The other peripheral devices were drove and operated in turn during all testing.

2.6. Test Procedure

The EUT (within PC) was connected to the power mains through a line impedance stabilization network (L.I.S.N. #1) and the other peripheral devices power cord were connected to the power mains through a line impedance stabilization network (L.I.S.N. #2). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.) Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables should be manipulated according to FCC ANSI C63.4-1992 during conducted measurement.

The bandwidth of the field strength meter (R & S Test Receiver ESH3) was set at 10KHz.

The frequency range from 450KHz to 30MHz was checked.

Seven kinds of horizontal working frequency are investigated during pre-scanning and reported the worst test mode (TV Out) in section 2.7., the others test data are attached within Appendix I. The details of test modes are as follows :

- (1)31.5KHz (640x480, 60Hz)
- (2)38KHz (800x600, 60Hz)
- (3)48KHz (1024x768, 60Hz)
- (4)56KHz (1024x768, 70Hz)
- (5)64KHz (1280x1024, 60Hz)
- (6)107KHz(1600x1200, 85Hz)
- (7)TV Out

2.7. Line Conducted RF Voltage Measurement Results

The frequency range from 450KHz to 30 MHz was investigated.

All emissions not report below are too low against the prescribed limits.

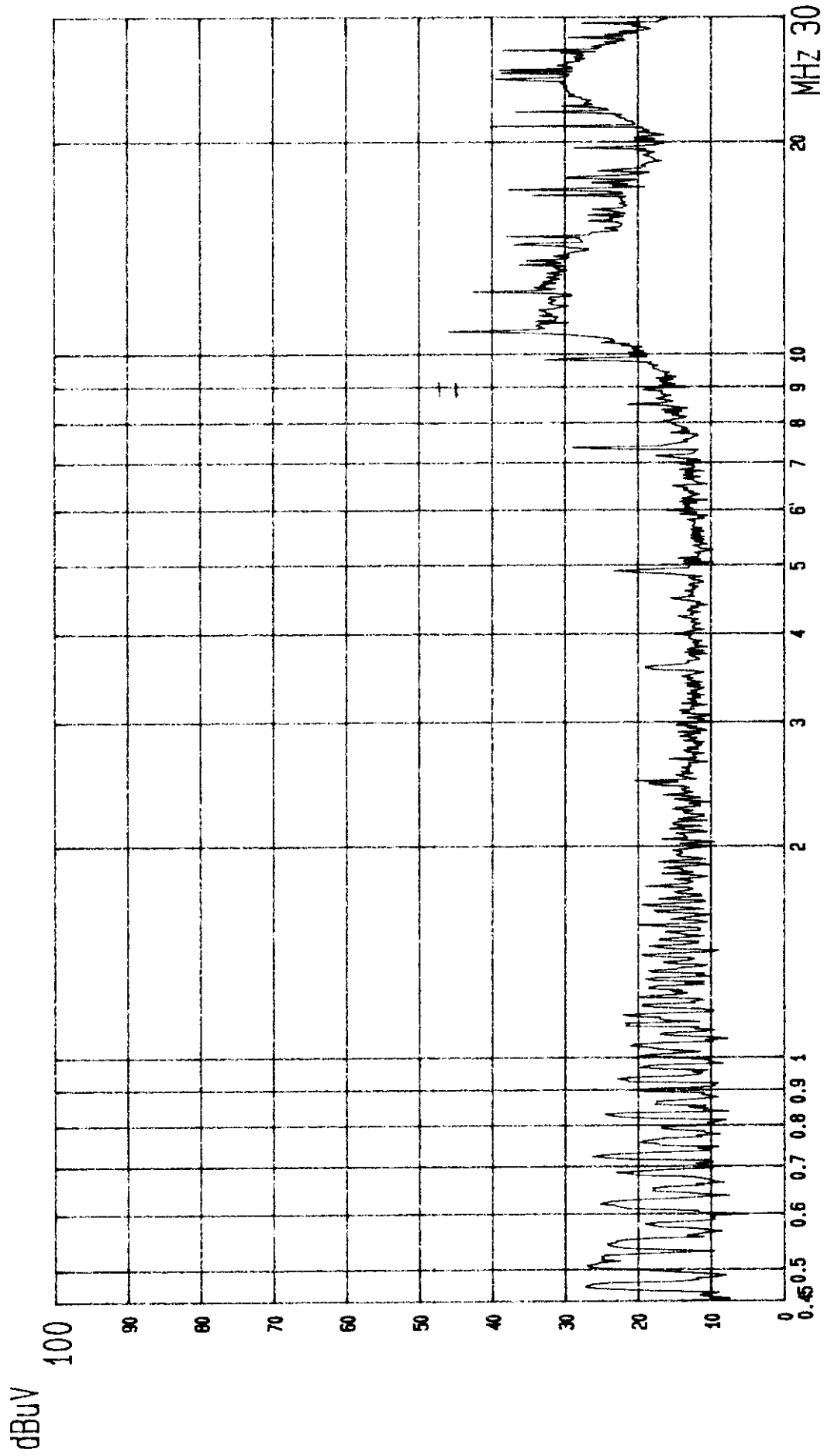
Date of Test : Mar. 17, 1998 Temperature : 21 °C

EUT : VGA Card Humidity : 69 %

Test Mode : TV Out

Frequency (MHz)	Factor dB	Measurement (dBuV)		Reading (dBuV)		Limits (dBuV)	Margin (dBuV)	
		VA	VB	VA	VB		VA	VB
0.4737	0.2	27.0	*	27.2	*	48.0	20.8	*
0.5056	0.2	*	26.7	*	26.9	48.0	*	21.1
0.7209	0.2	29.2	26.0	29.4	26.2	48.0	18.6	21.8
7.3641	0.3	*	29.7	*	30	48.0	*	18
7.3648	0.3	29.0	*	29.3	*	48.0	18.7	*
10.7397	0.6	42.0	*	42.6	*	48.0	5.4	*
10.7548	0.6	*	41.8	*	42.4	48.0	*	5.6
12.2737	0.6	*	39.7	*	40.3	48.0	*	7.7
12.2739	0.6	39.4	*	40	*	48.0	8	*
21.0963	1.1	*	40.8	*	41.9	48.0	*	6.1
21.0965	1.1	40.7	*	41.8	*	48.0	6.2	*

- Remark :
1. All readings are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 10.7397MHz with corrected signal level of 42.6dBuV (limit is 48dBuV) when the VA side of the EUT was connected to L.I.S.N.

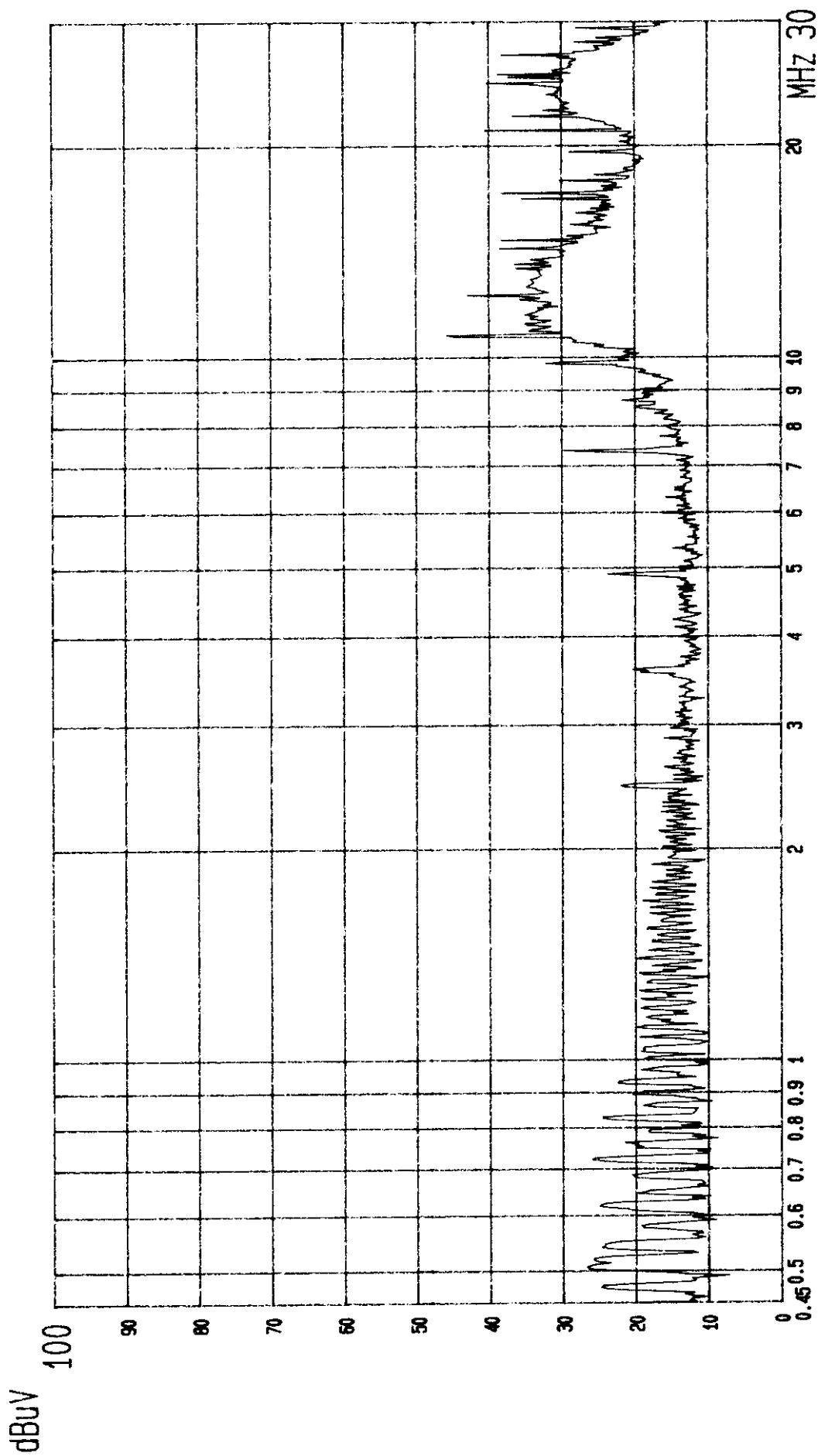


--- Date 17.MAR.'98 Time 19:34:12

FULL YES EUT: VGA CARD

LINE: VA. MEMO: TV OUT

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 014.



--- Date 17.MAR.'98 Time 19:23:00
FULL YES
LINE: VB.

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 013.

3. RADIATED EMISSION TEST

3.1. Test Equipment

The following test equipments are used during the radiated emission tests :

3.1.1. For Radiation Measurement (Anechoic Chamber)

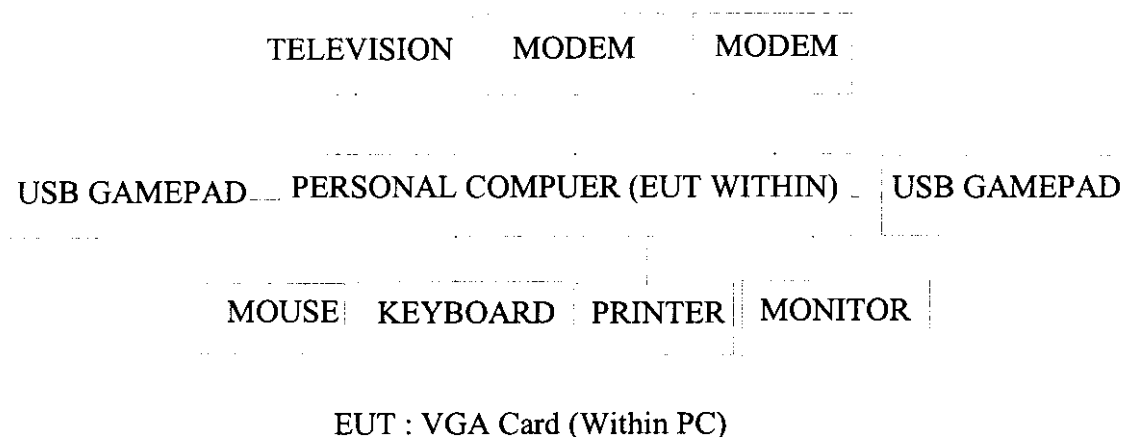
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8593A	3212A01727	Aug.02, 97'	1 Year
2.	Pre-Amplifier	HP	8447D	2944A06305	Jun.07, 97'	1 Year
3.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Dec.24, 97'	1 Year
4.	Broadband Antenna	Schwarzbeck	UHALP 9107	A3H	Dec.24, 97'	1 Year

3.1.2. For Radiation Measurement (No. 2 Open Field Site)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde&Schwarz	ESVP	893202/001	Aug.04, 97'	1 Year
2.	Broadband Antenna	Chase	VBA6106A	1240	Jan.14, 98'	1 Year
3.	Broadband Antenna	Schwarzbeck	UHALP 9108-A	0139	Jan.14, 98'	1 Year

3.2. Block Diagram of Test Setup

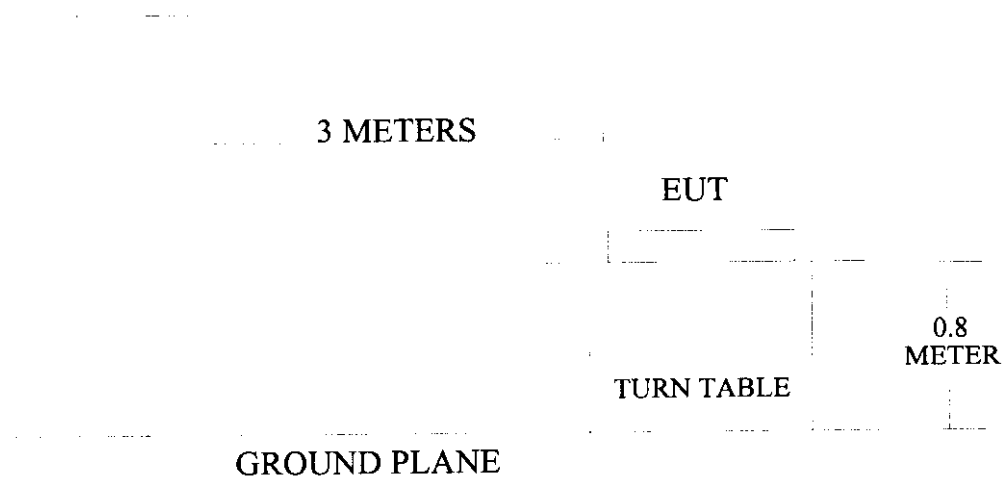
3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Open Field Test Site Setup Diagram

ANTENNA TOWER

ANTENNA ELEVATION VARIES FROM 1METER TO 4 METERS



3.3. Radiation Limit (CLASS B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		uV/M	dBuV/M
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0

Remark : (1) Emission level (dBuV/M) = 20 log Emission level (uV/M)
 (2) The tighter limit applies at the edge between two frequency bands.
 (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. EUT Configuration on Measurement

The configuration of EUT and its simulators are same as those used in conducted measurement. Please refer to 2.4.

3.5. Operating Condition of EUT

Same as conducted measurement which is listed in 2.5.

3.6. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. The antenna moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated biconical and log periodical antenna) and dipole antenna were used as receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4-1992 during radiated measurement.

The bandwidth setting on the field strength meter (R&S TEST RECEIVER ESVP) was 120KHz.

The frequency range from 30MHz to 1000MHz was checked.

The following operating conditions were measured within Anechoic Chamber and all the scanning waveform were attached within Appendix II, which include :

- (1)31.5KHz (640x480, 60Hz)
- (2)38KHz (800x600, 60Hz)
- (3)48KHz (1024x768, 60Hz)
- (4)56KHz (1024x768, 70Hz)
- (5)64KHz (1280x1024, 60Hz)
- (6)107KHz(1600x1200, 85Hz)
- (7)TV Out

Finally, re-measured the worst operating situation (107KHz) on No. 2 Open Field Test Site and all the test results are listed in section 3.7.

3.7. Radiated Emission Noise Measurement Results

The frequency spectrum from 30 MHz to 1000 MHz was investigated. All the emissions not report below are too low against the FCC CLASS B limit..

Date of Test : Apr. 08, 1998 Temperature : 28 °C
 EUT : VGA Card Humidity : 65 %
 Working Frequency : 107KHz, 85Hz Resolution : 1600x1200

	Frequency	Antenna Cable	Meter Reading	Emission Level			
	MHz	Factor dB/m	Loss dB	Horizontal dBuV	Horizontal dBuV/m	Limits dBuV/m	Margin dBuV/m
*	72.272	12.10	2.35	2.00	16.45	40.00	23.55
	134.910	20.46	3.21	-5.30	18.37	43.50	25.13
	156.405	21.13	3.52	-3.65	21.00	43.50	22.50
	187.149	21.91	3.85	-1.66	24.10	43.50	19.40
	195.016	22.16	3.96	-3.70	22.42	43.50	21.08
	233.192	22.67	4.38	-2.74	24.31	46.00	21.69
	271.659	24.98	4.85	-3.94	25.89	46.00	20.11
	324.993	13.76	5.42	-2.19	16.99	46.00	29.01
	426.896	16.90	6.36	-3.26	20.00	46.00	26.00
	461.015	17.32	6.74	-4.16	19.90	46.00	26.10
	522.216	18.11	7.37	-5.10	20.38	46.00	25.62
	539.424	18.78	7.70	-2.66	23.82	46.00	22.18
	644.621	19.95	8.23	-5.14	23.04	46.00	22.96
	996.517	22.61	10.67	-2.17	31.11	54.00	22.89

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 187.149MHz with corrected signal level of 24.10dBuV/m (limit is 43.5dBuV/m) when the antenna was at horizontal polarization and was at 3.4m high and the turn table was at 240 ° .
 3. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Date of Test : Apr. 08, 1998 Temperature : 28 °C
 EUT : VGA Card Humidity : 65 %
 Working Frequency : 107KHz, 85Hz Resolution : 1600x1200

Frequency MHz	Antenna Cable		Meter Reading		Emission Level	
	Factor dB/m	Loss dB	Vertical dBuV	Vertical dBuV/m	Limits dBuV/m	Margin dBuV/m
45.190	16.63	1.93	-3.57	14.99	40.00	25.01
* 86.999	15.89	2.60	6.24	24.73	40.00	15.27
135.806	18.89	3.26	-1.36	20.79	43.50	22.71
182.388	21.64	3.84	-2.76	22.72	43.50	20.78
225.084	23.05	4.32	-2.02	25.35	46.00	20.65
271.642	25.31	4.85	-5.38	24.78	46.00	21.22
353.979	14.81	5.67	-3.28	17.20	46.00	28.80
445.778	16.69	6.53	-4.09	19.13	46.00	26.87
545.230	19.26	7.64	-6.05	20.85	46.00	25.15
614.075	19.96	7.85	-4.82	22.99	46.00	23.01
659.976	19.97	8.30	-1.67	26.60	46.00	19.40
996.573	23.29	10.67	-1.77	32.19	54.00	21.81

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 86.999MHz with corrected signal level of 24.73dBuV/m (limit is 40dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 140 ° .
 3. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

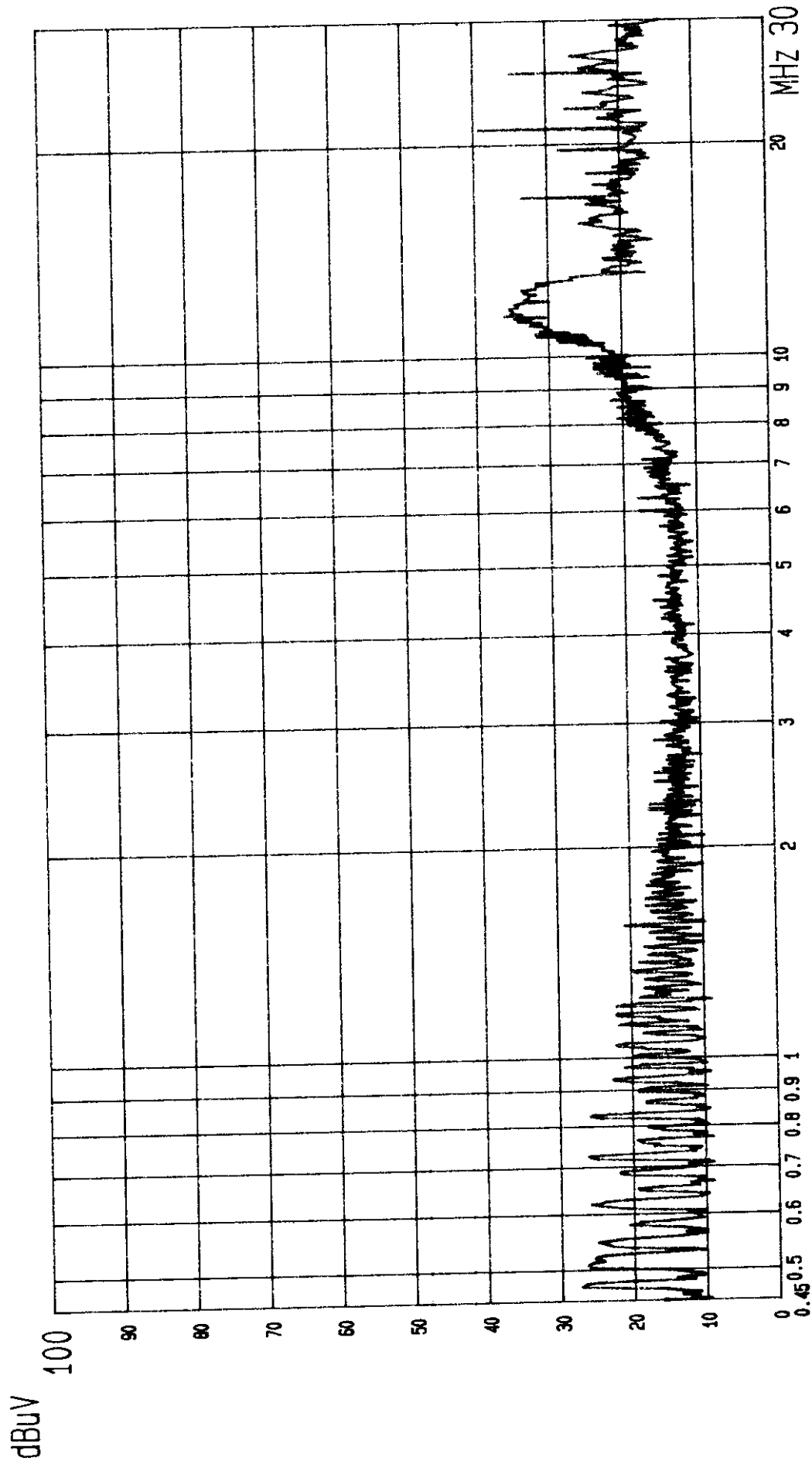
4. MODIFICATIONS TO EUT

1. Added a spring finger on J1.
2. Changed R71 into 33ohm resistor.
3. Changed C107 into 15pF capacitor.
4. Added a ferrite bead between J1 and Pin2 of J4.
5. Changed R27 and R28 into ferrite bead.
6. Added ferrite beads on Pin12 and Pin15 of con2.
7. Changed C53 ~C58 into 47pF capacitor.
8. Added 15pF bypass capacitor on Pin3 of U21.
9. Added 47pF bypass capacitors on Pin2, Pin 5 and Pin11 of U7.
10. Added 2.2kohm resistor and 47pF bypass capacitor on pin6 of U14.
11. Added 2.2kohm resistor and 5pF bypass capacitor on Pin10 of U14.
12. Added 15pF bypass capacitor on Pin97of U1.
13. Added 330pF bypass capacitor between C97 and FB10.
14. Added 330pF bypass capacitor between C98 and FB11.
15. Added 330pF bypass capacitor between C99 and FB12.
16. Added 560pF bypass capacitor between FB10 and J1.
17. Added 560pF bypass capacitor between FB11 and Pin3 of J2.
18. Added 560pF bypass capacitor between FB12 and Pin4 of J2.

5. DEVIATION TO TEST SPECIFICATIONS

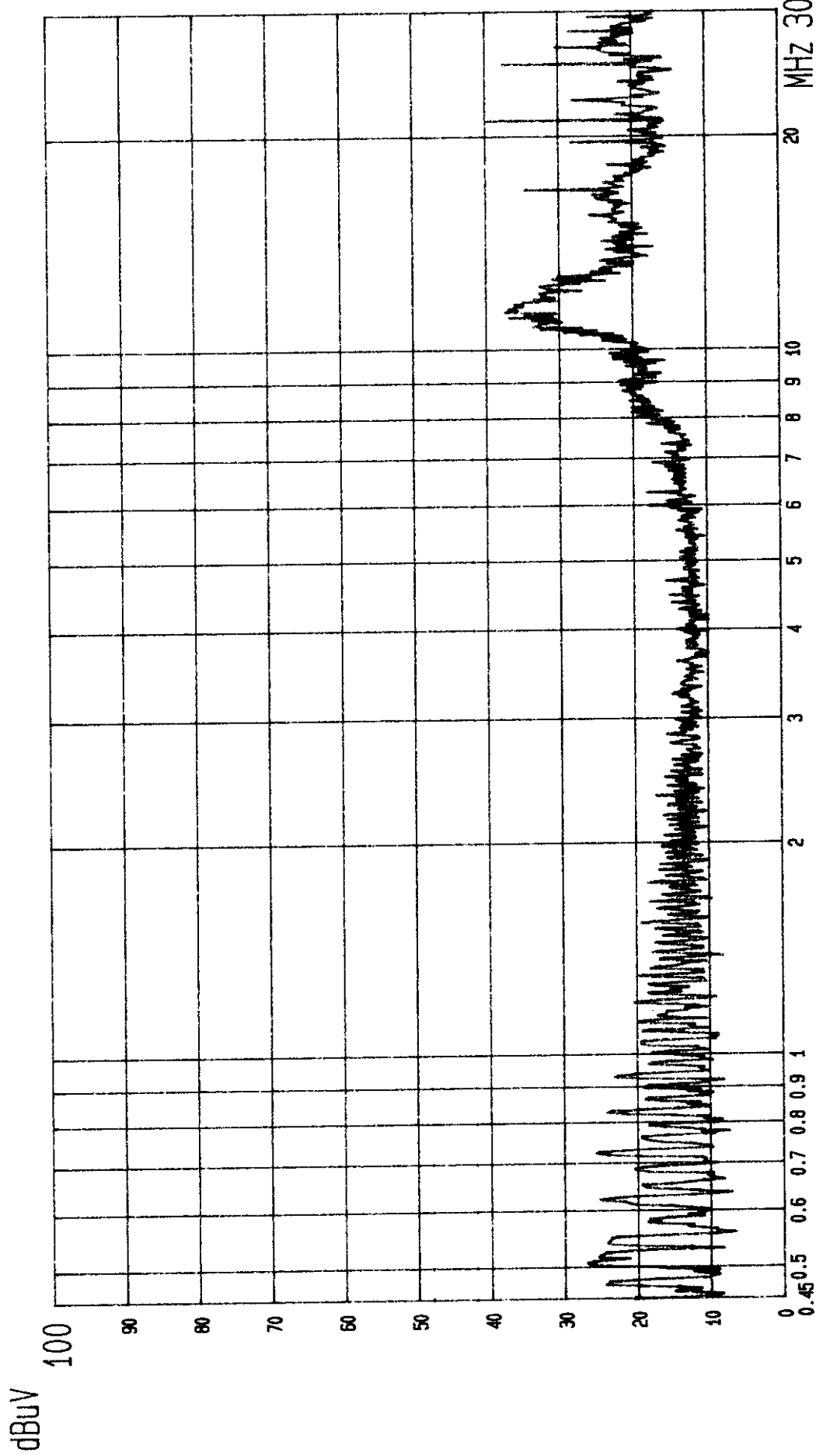
【 NONE 】

APPENDIX I



--- Date 17.MAR.'98 Time 17:48:05
FULL YES EUT: VGA CARD
LINE: VA. MEMO: 31.5KHz (640X480; 60Hz)

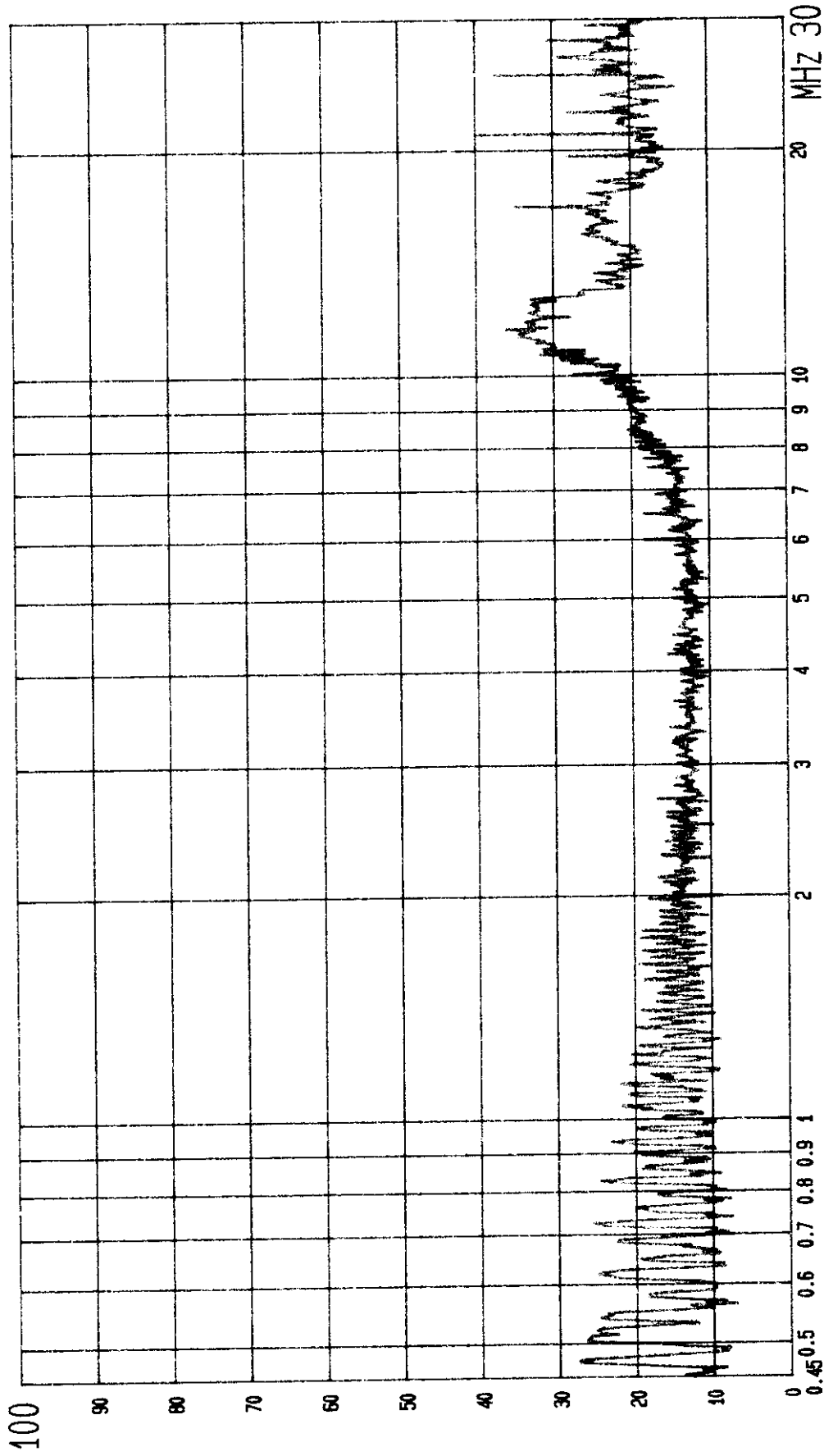
M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 001.



--- Date 17.MAR.'98 Time 18:47:31
FULL YES EUT: VGA CARD
LINE: VB. MEMO: 31.5KHz (640X480; 60Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 002.

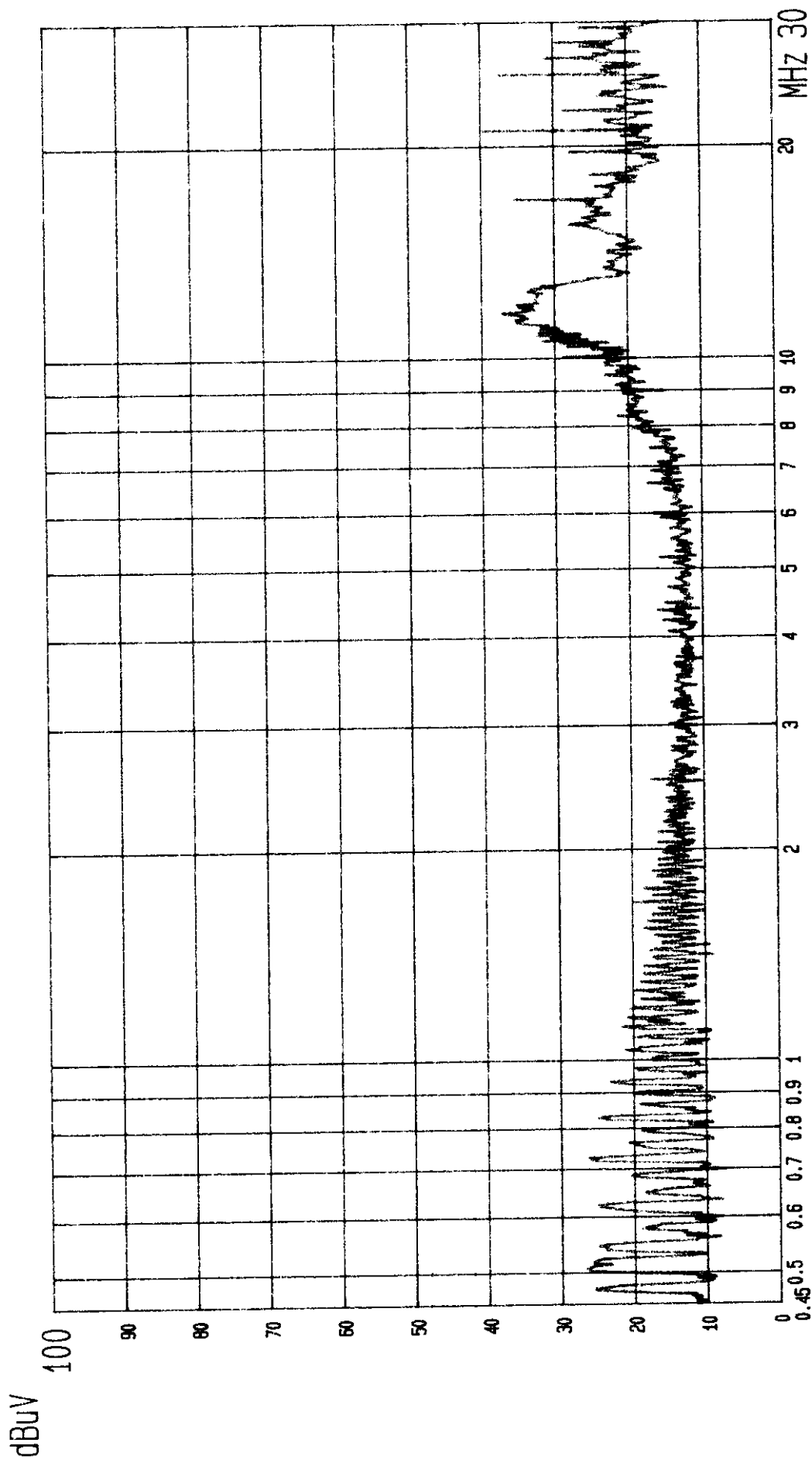
dBuV



---- Date 17.MAR.'98 Time 18:51:09
FULL YES EUT: VGA CARD
LINE: VA. MEMO: 38KHz (800X600; 60Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.

PAGE: 004.



--- Date 17.MAR.'98 Time 18:49:34

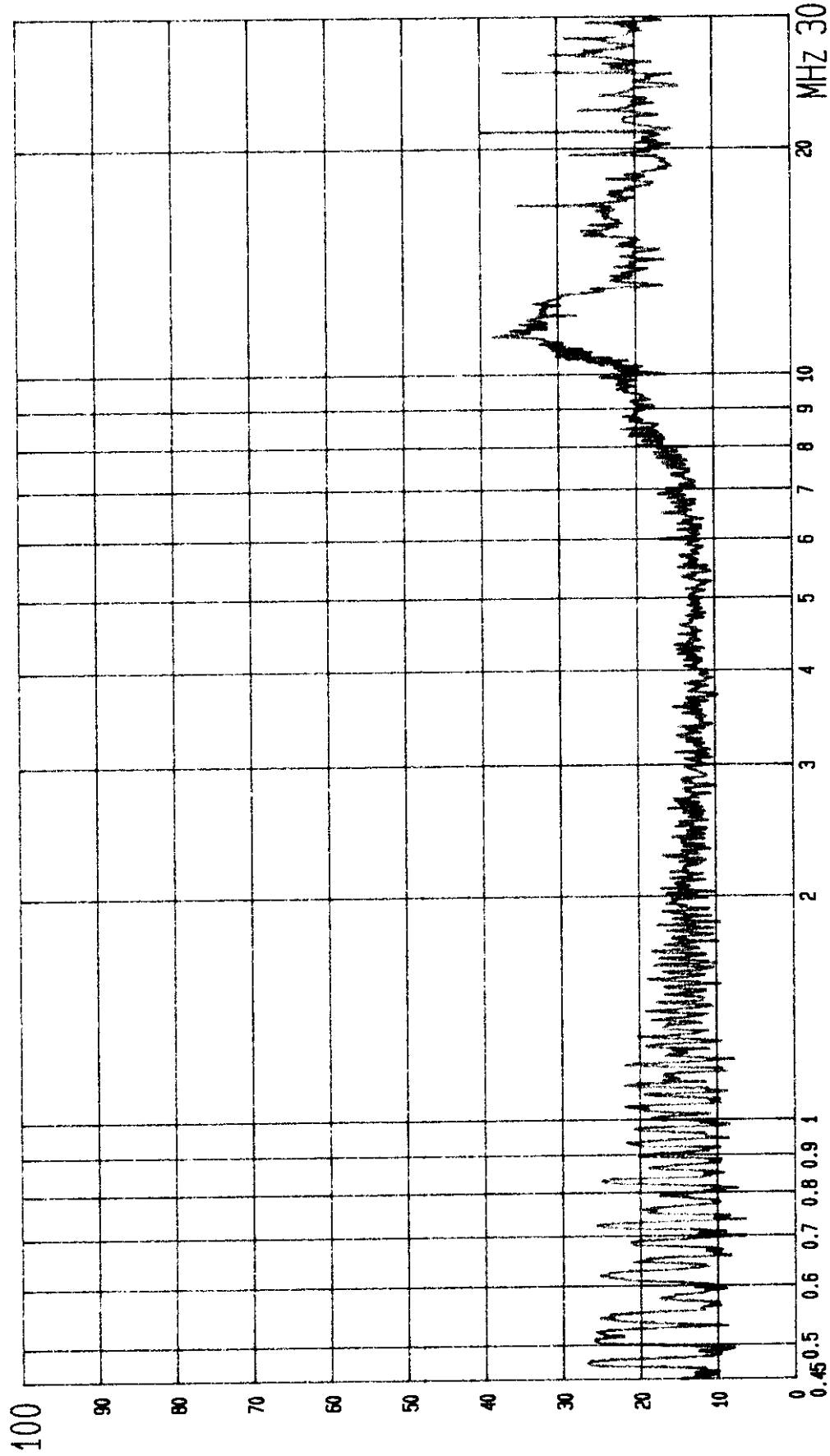
FULL YES EUT: VGA CARD

LINE: VB. MEMO: 38KHz (800X600; 60Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.

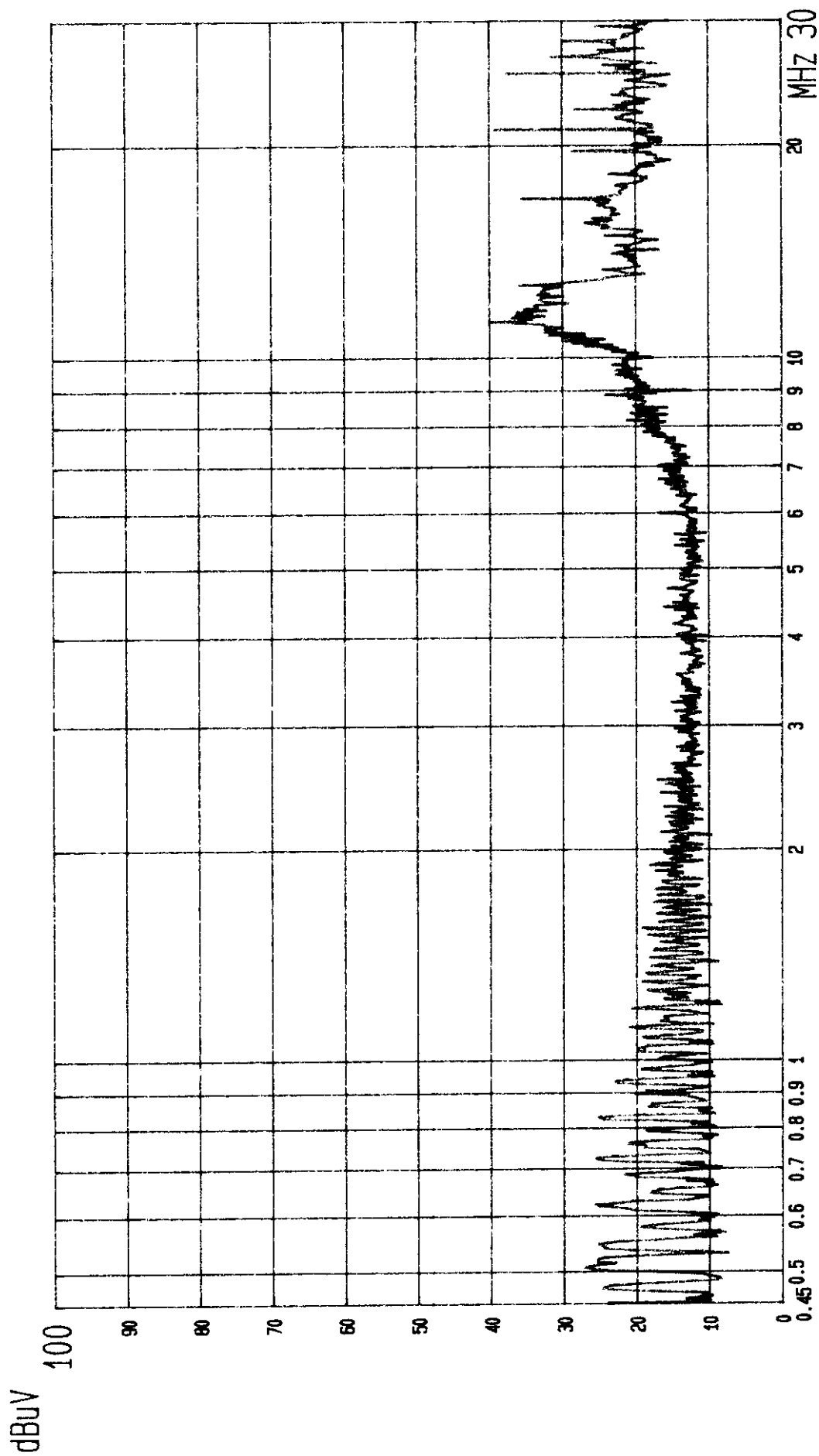
PAGE: 003.

dBuV



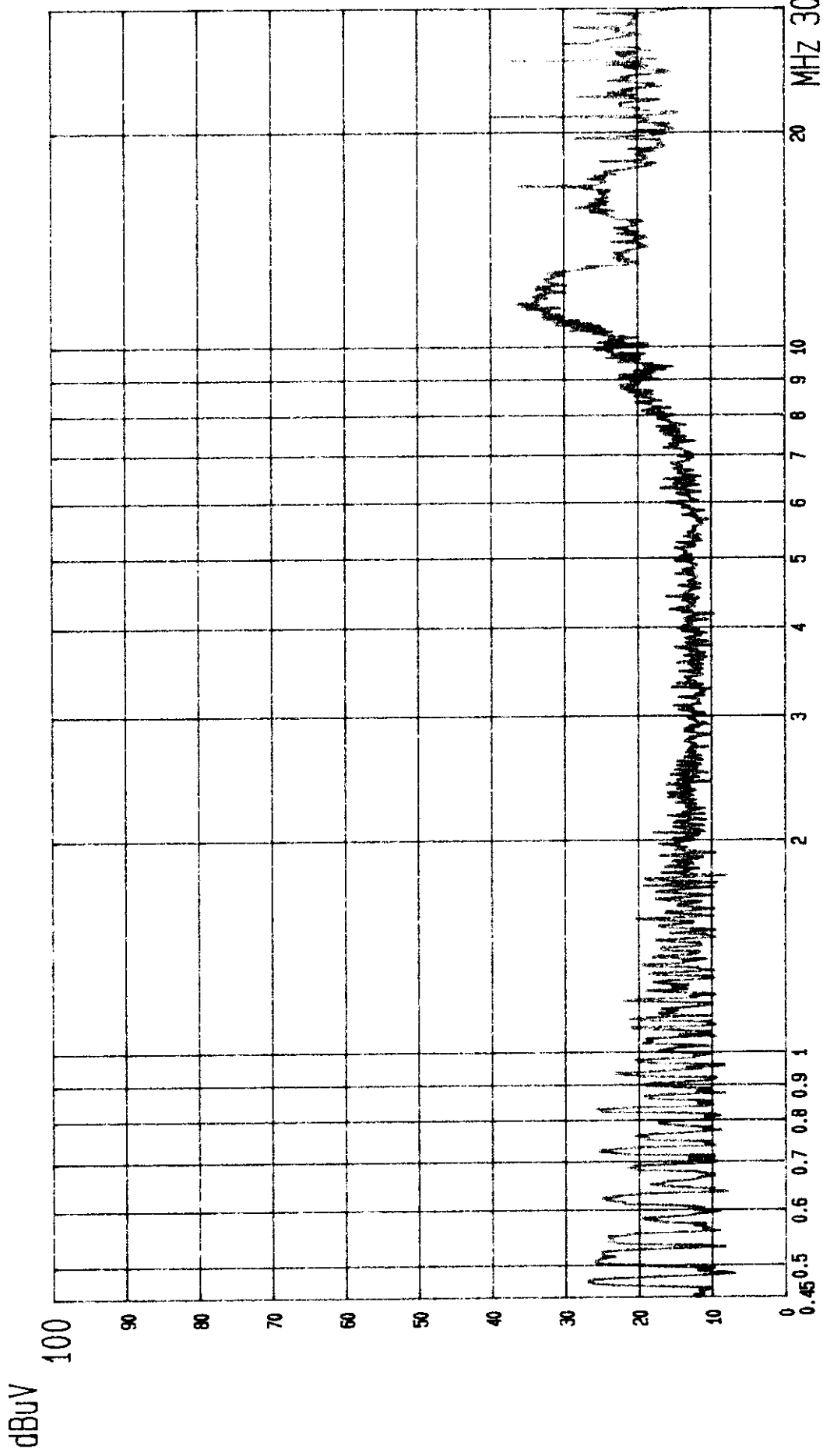
--- Date 17.MAR.'98 Time 18:53:00
FULL YES EUT: VGA CARD
LINE: VA. MEMO: 48KHz (1024X768; 60Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 005.



--- Date 17.MAR.'98 Time 18:54:42
FULL YES EUT: VGA CARD
LINE: VB. MEMO: 48KHz (1024X768; 60Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 006.

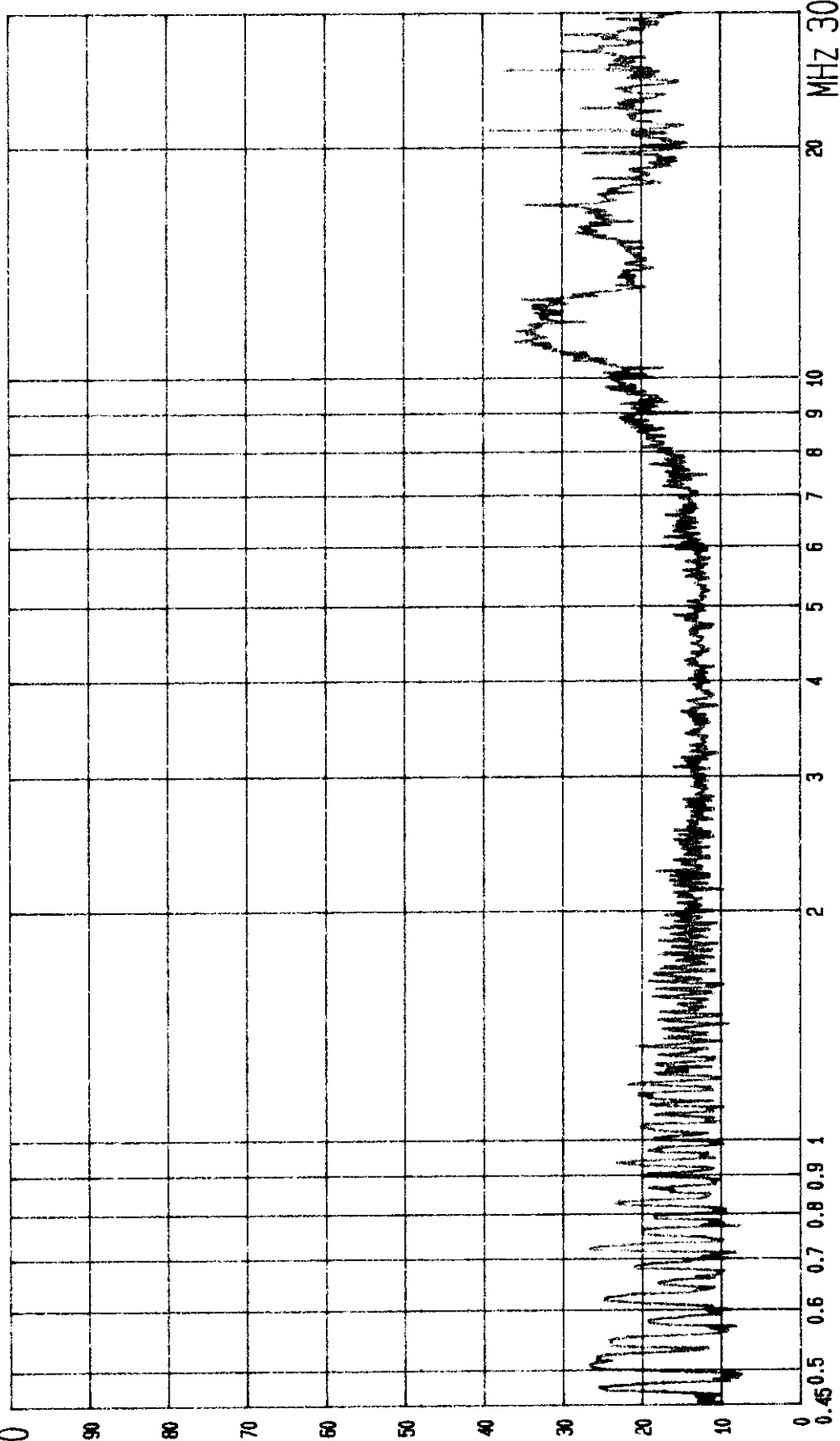


--- Date 17.MAR.'98 Time 18:59:48
FULL YES EUT: VGA CARD
LINE: VA. MEMO: 56KHz (1024X768; 70Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 008.

dBuV

100



--- Date 17.MAR.'98 Time 18:58:16

FULL YES EUT: VGA CARD

LINE: VB. MEM0: 56KHz (1024X768; 70Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.

PAGE: 007.

dBuV

100

90

80

70

60

50

40

30

20

10

0

0.45 0.5 0.6 0.7 0.8 0.9 1

2

3

4

5

6

7

8

9

10

20

30

MHz

--- Date 17.MAR.'98 Time 19:03:32

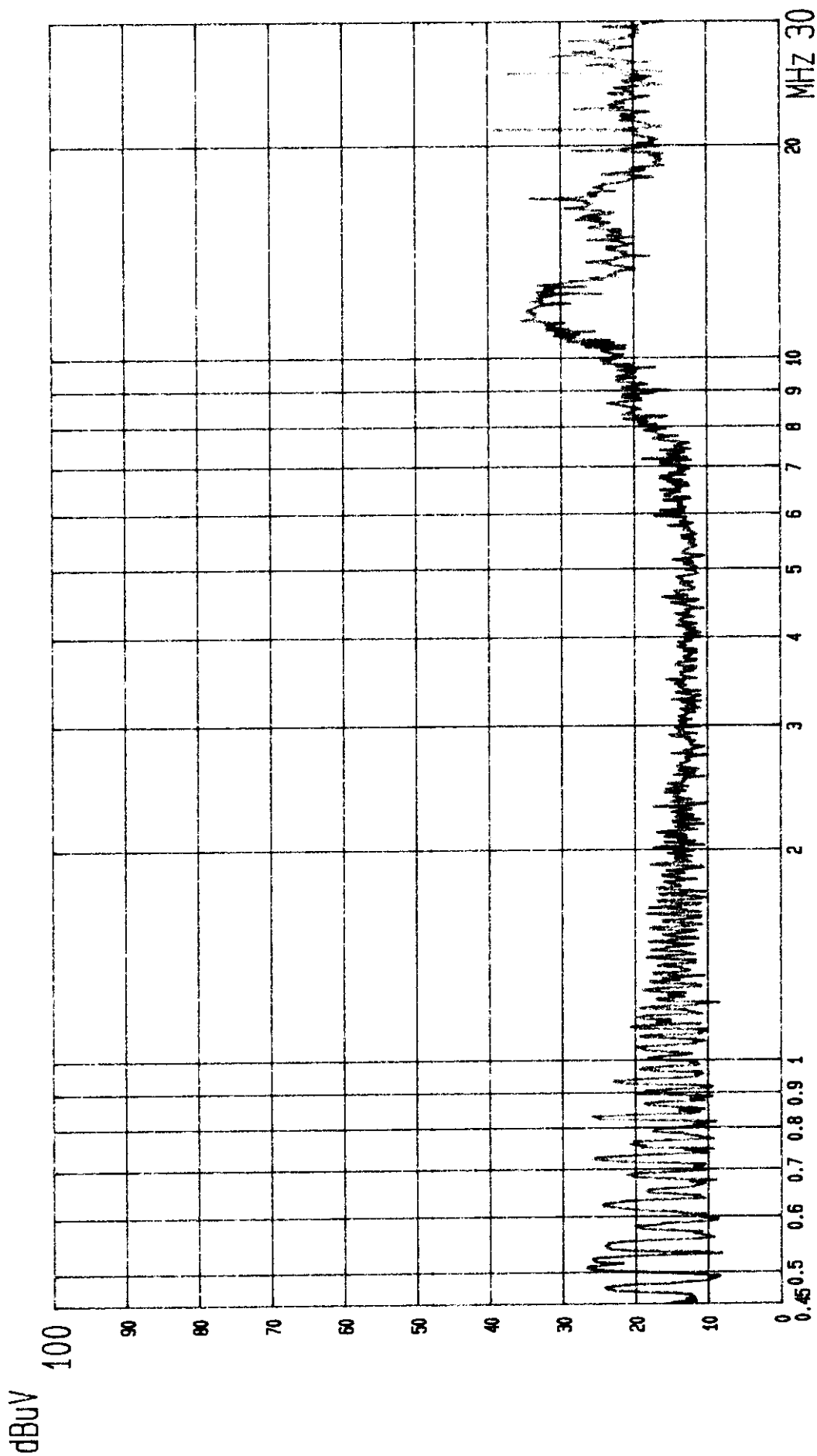
FULL YES EUT: VGA CARD

LINE: VA. MEMO: 64KHz (1280X1024; 60Hz)

M/N: 9750

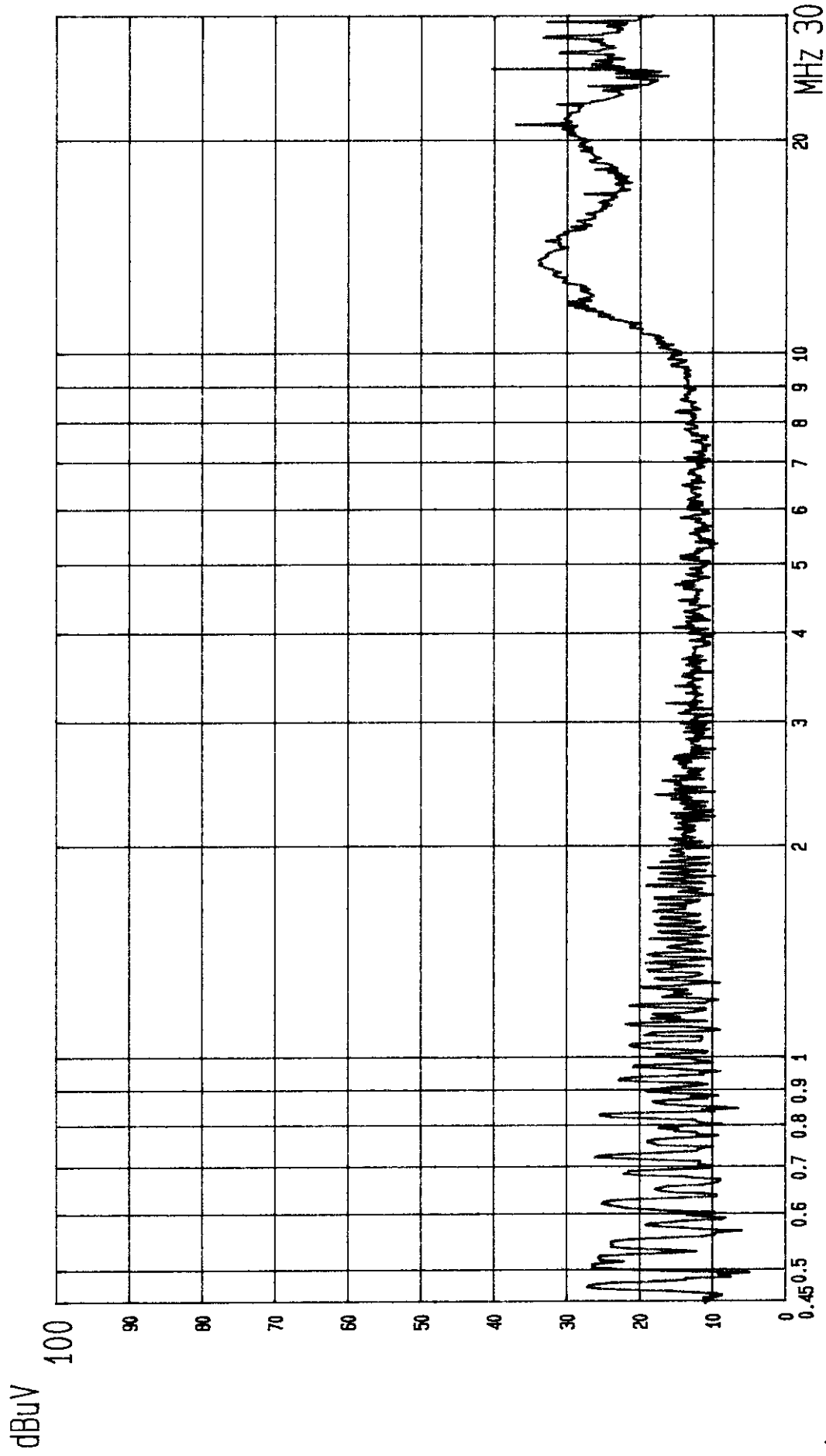
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.

PAGE: 009.



--- Date 17.MAR.'98 Time 19:05:04
FULL YES EUT: VGA CARD
LINE: VB. MEMO: 64KHz (1280X1024; 60Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.
PAGE: 010.

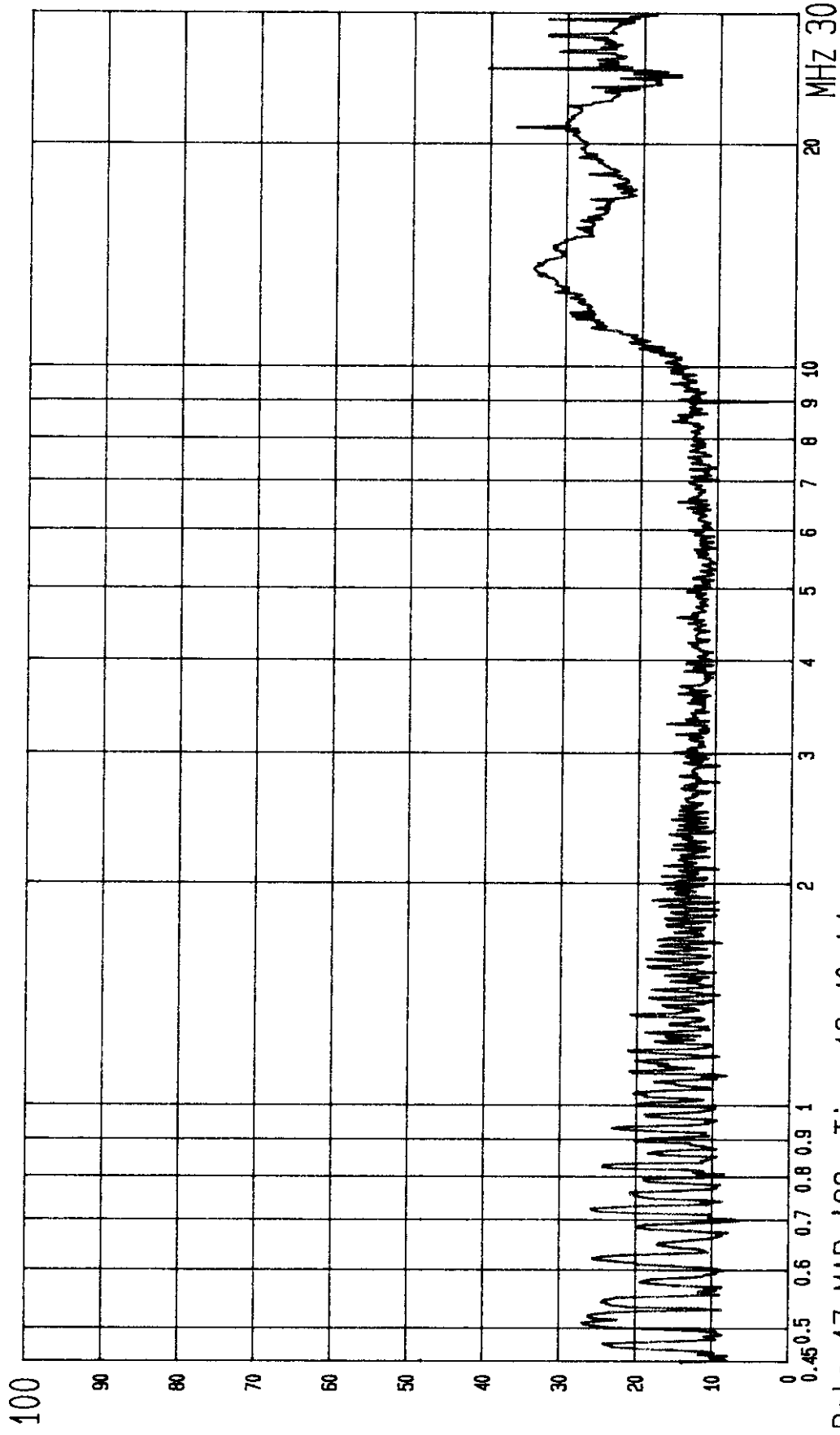


---- Date 17.MAR.'98 Time 19:38:39
FULL YES EUT: VGA_CARD
LINE: VA. MEMO: 107KHz (1600X1200; 85Hz)

M/N: 9750
(PEAK VALUE) TAIWAN TOKIN ENC. CORP.

PAGE: 015.

dBuV



--- Date 17.MAR.'98 Time 19:40:14

FULL YES EUT: VGA CARD

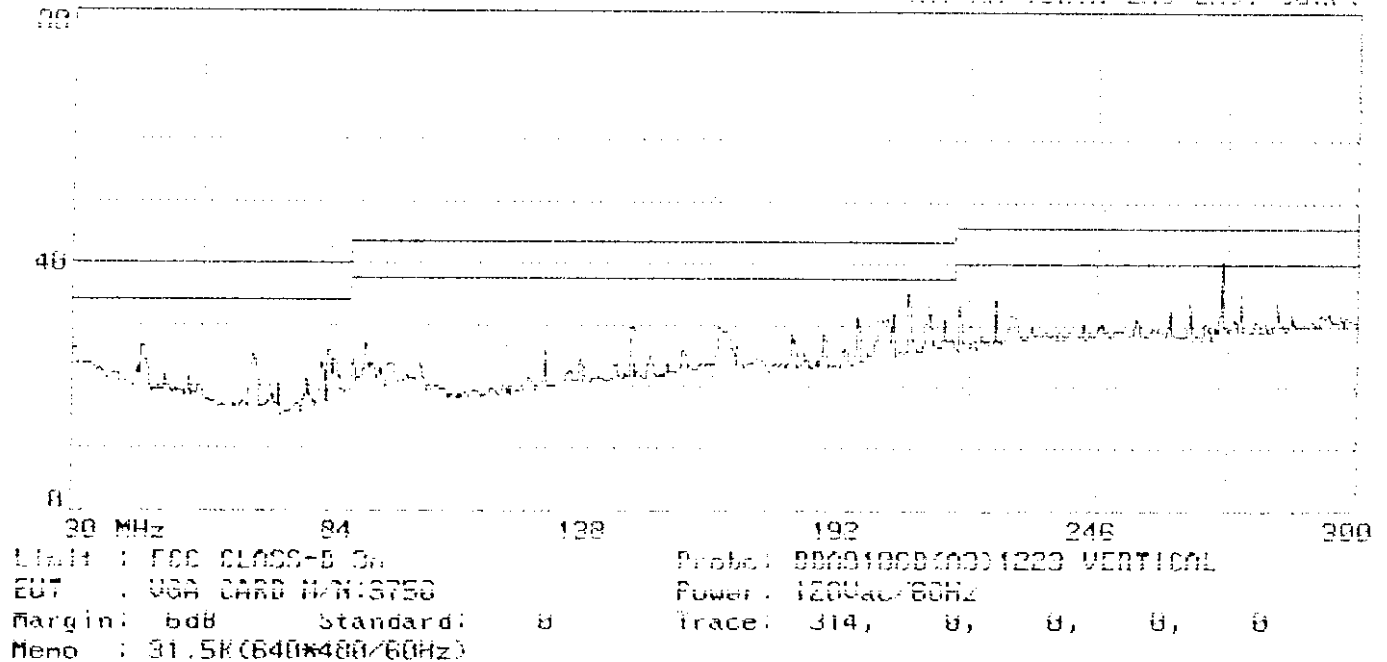
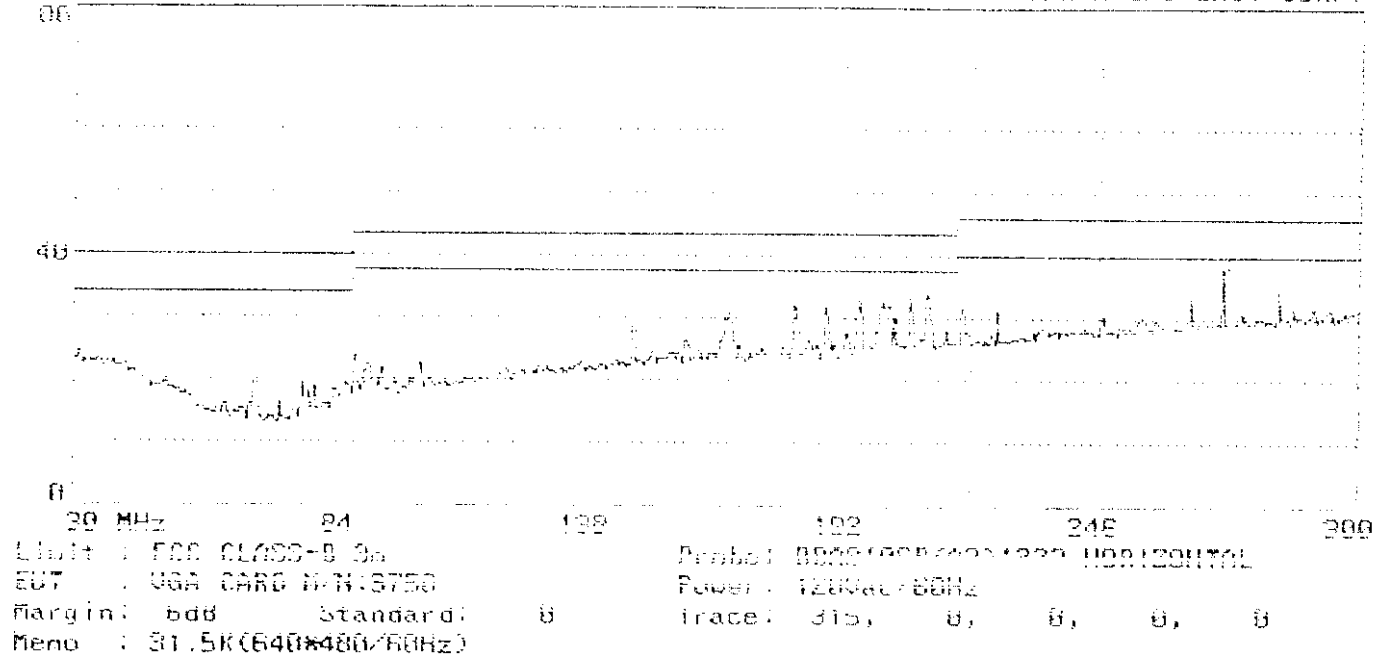
LINE: VB. MEMO: 107KHz (1600X1200; 85Hz)

M/N: 9750

(PEAK VALUE) TAIWAN TOKIN ENC.ENG.CORP.

PAGE: 016.

APPENDIX II



Page#: 316 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 22:34:37
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.

30

40

0 300 MHz 440 580 720 860 1000

Limit : FCC CLASS-B 3m Probe: UH4LP01070(C03)1223 HORIZONTAL
EUT : VGA CARD N/N:3750 Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 316, 0, 0, 0, 0
Memo : 31.5K(640*480/60Hz)

Page#: 317 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 22:36:52
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.

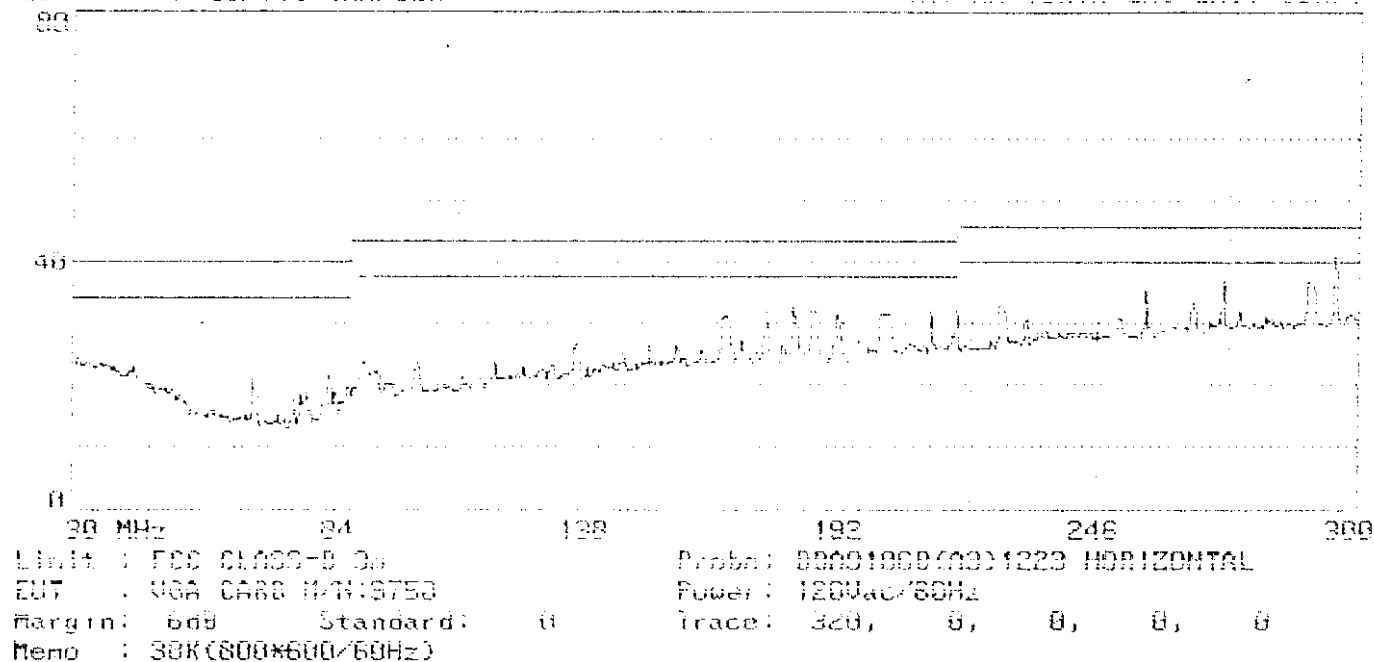
30

40

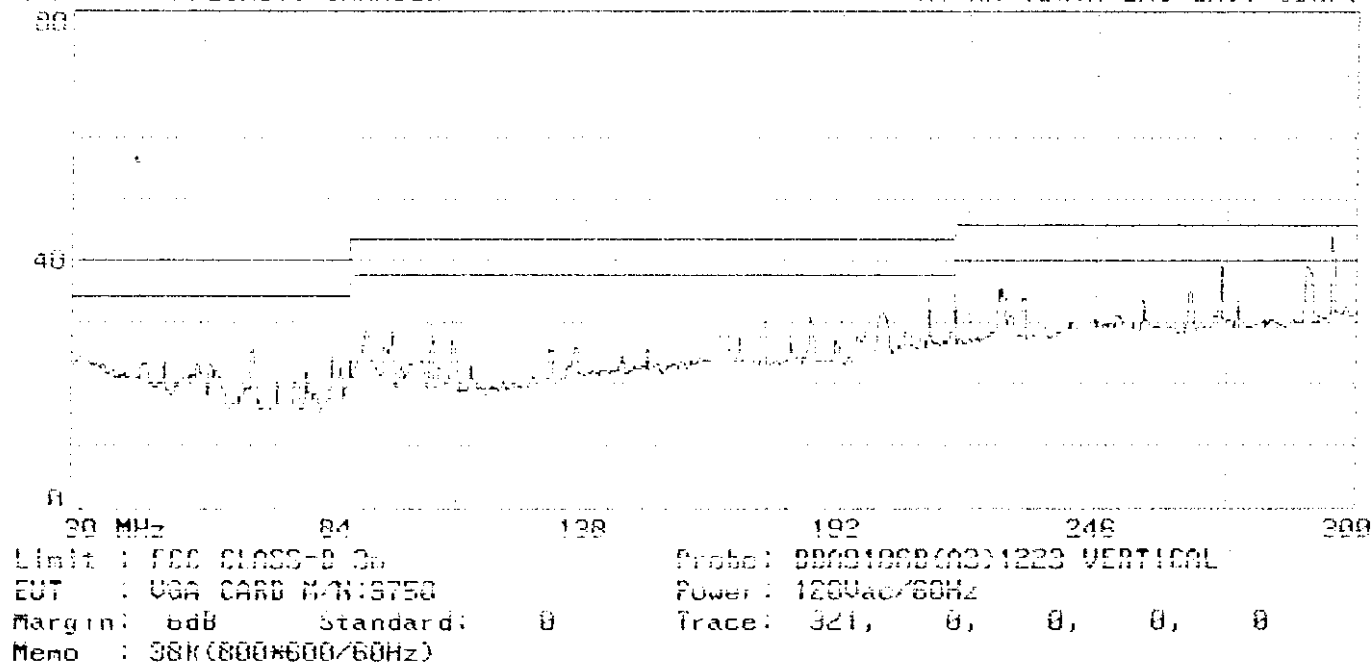
0 300 MHz 440 580 720 860 1000

Limit : FCC CLASS-B 3m Probe: UH4LP01070(C03)1223 VERTICAL
EUT : VGA CARD N/N:3750 Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 317, 0, 0, 0, 0
Memo : 31.5K(640*480/60Hz)

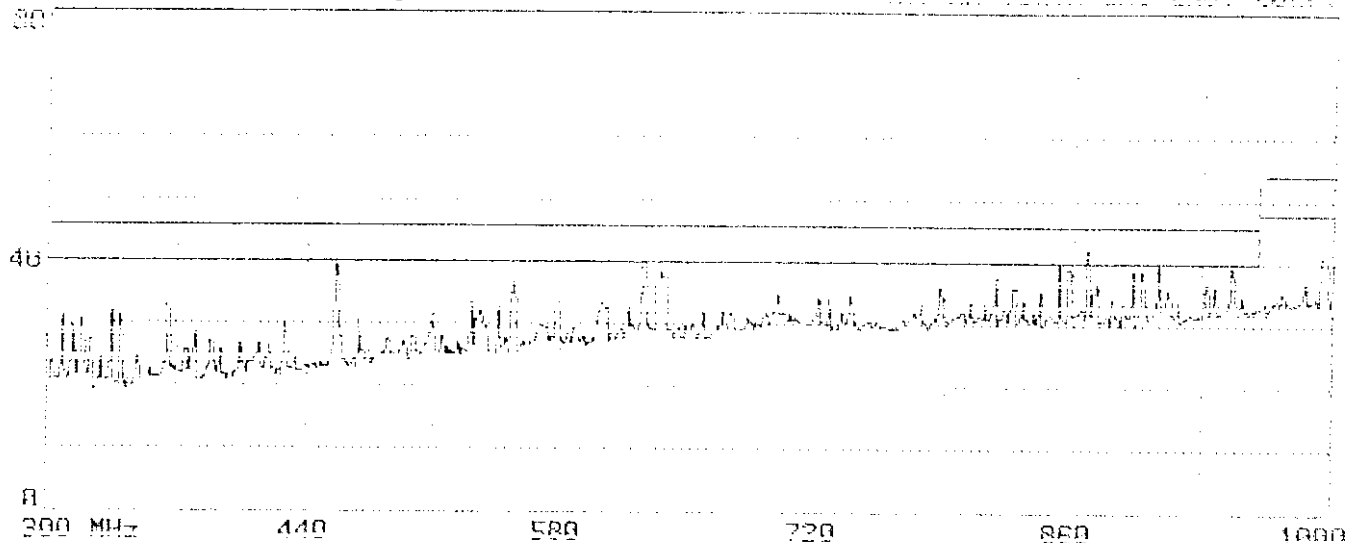
Page#1: 320 SP File#1: FULL YES.E1 Date: 03-30-1998 Time: 22:48:40
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



Page#1: 321 SP File#1: FULL YES.E1 Date: 03-30-1998 Time: 22:50:35
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.

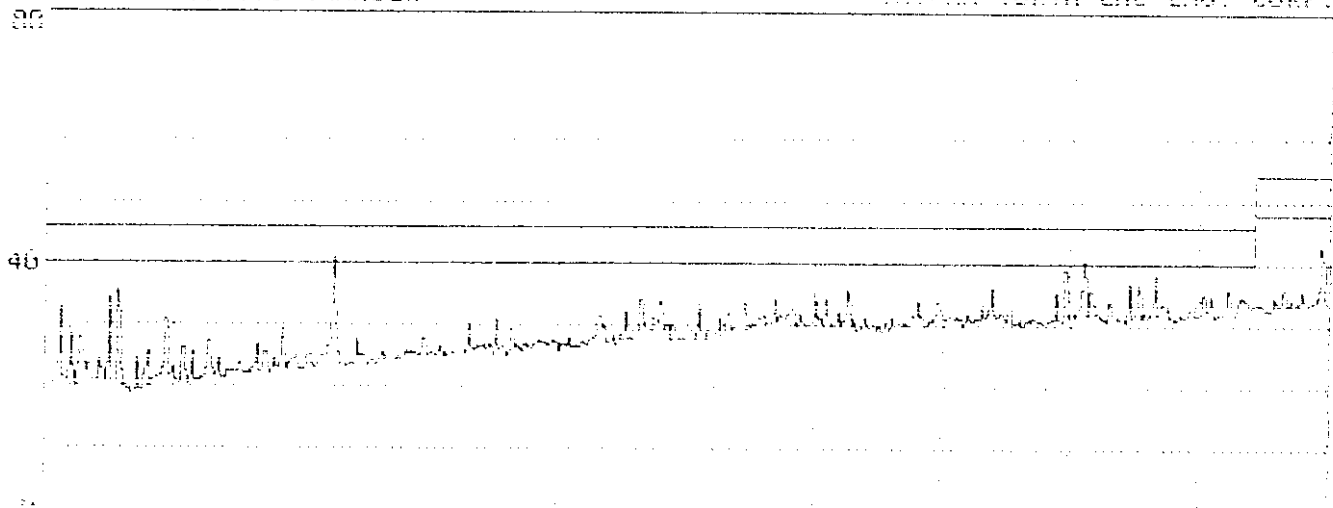


Page#: 318 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 22:41:20
 dBm/Hz ANECHOIC CHAMBER TATUMON TOKIN EMC ENG. CORP.



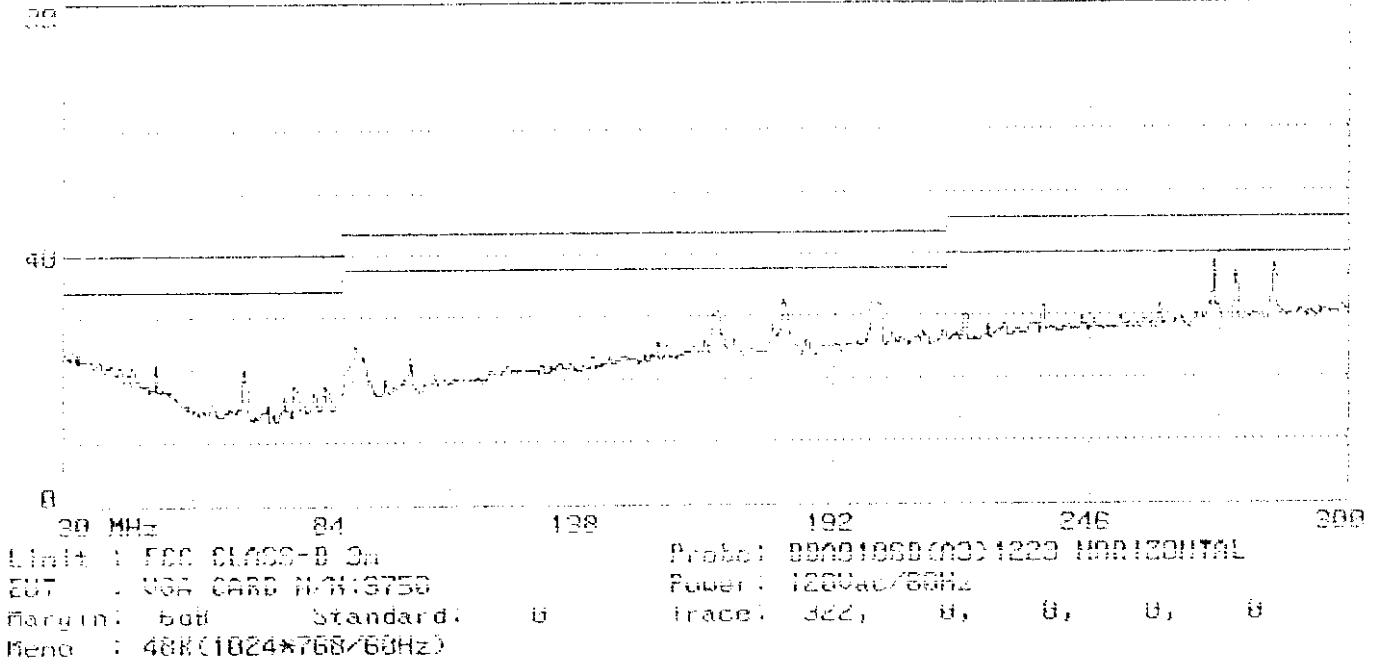
300 MHz 440 580 720 860 1000
 Limit : FCC CLASS-B 36 Probe: W001P91078(00)1223 HORIZONTAL
 EUT : VGA CARD M-TN-3750 Power : 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 318, 0, 0, 0, 0
 Memo : 38K(800*600/60Hz)

Page#: 319 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 22:42:43
 dBm/Hz ANECHOIC CHAMBER TATUMON TOKIN EMC ENG. CORP.

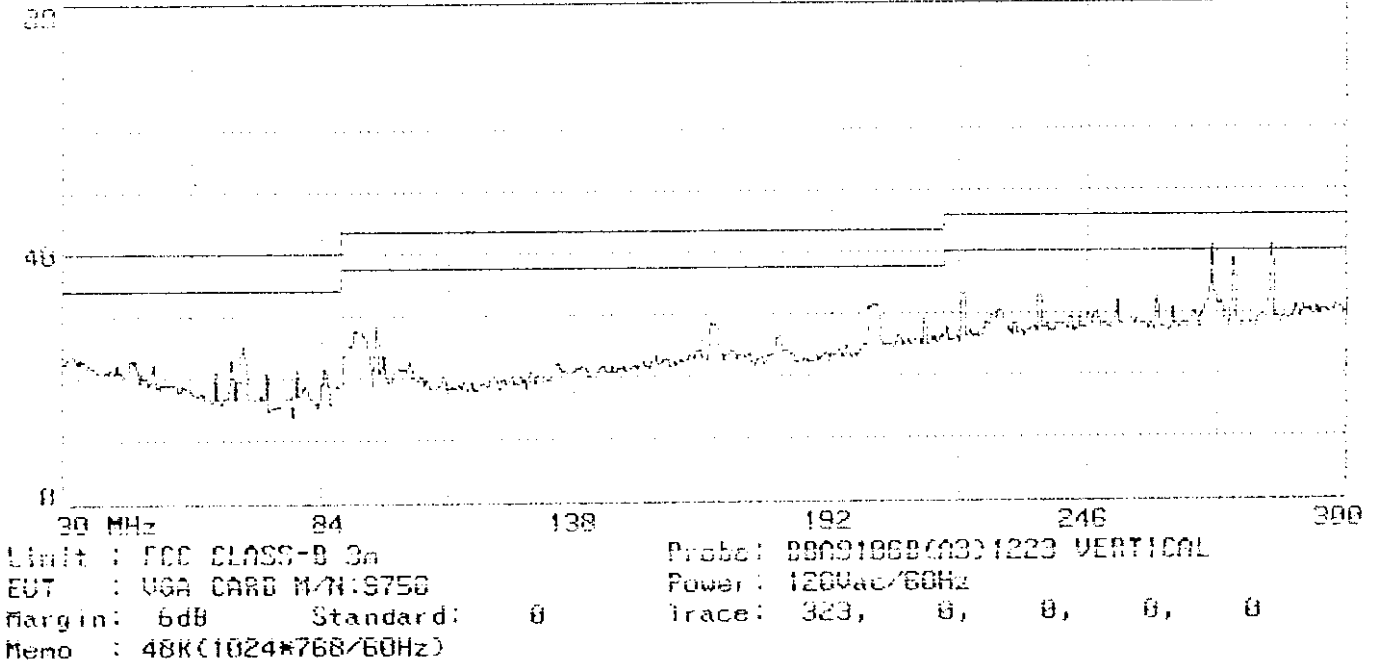


300 MHz 440 580 720 860 1000
 Limit : FCC CLASS-B 36 Probe: W001P91078(00)1223 VERTICAL
 EUT : VGA CARD M-TN-3750 Power : 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 319, 0, 0, 0, 0
 Memo : 38K(800*600/60Hz)

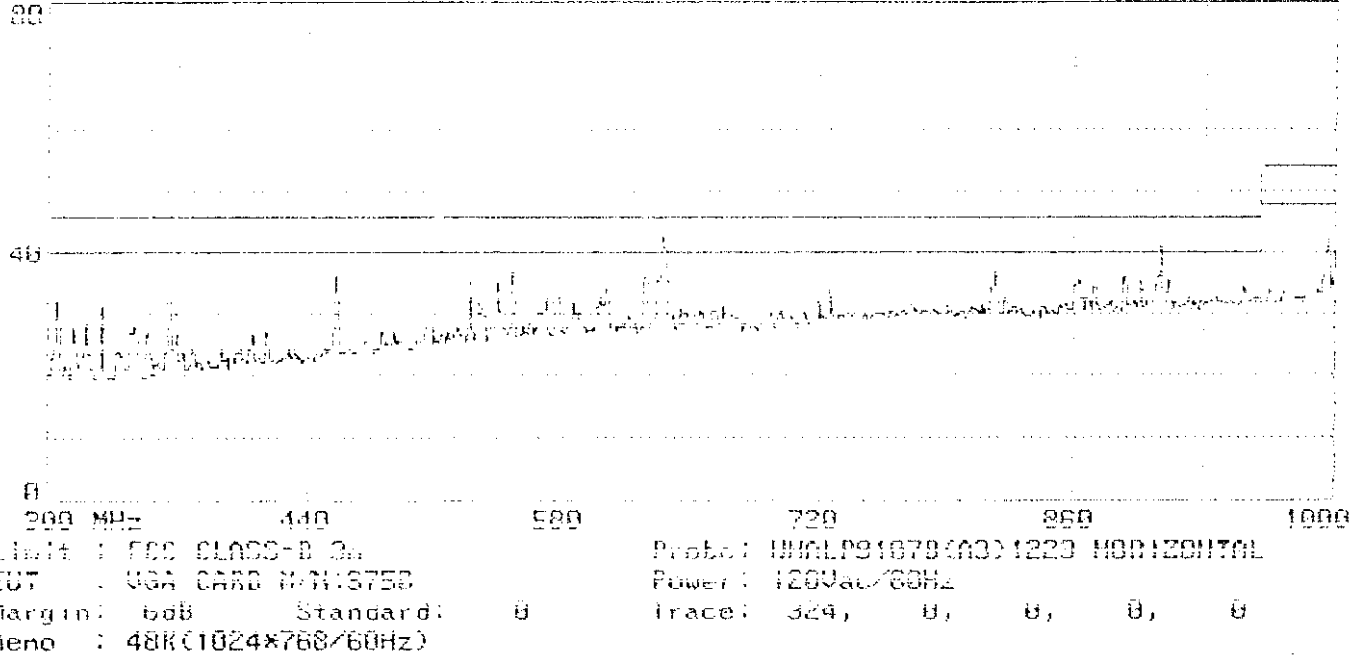
Page#: 322 SP File#: FULL YES E1 Date: 83-30-1998 Time: 22:55:52
 40MHz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



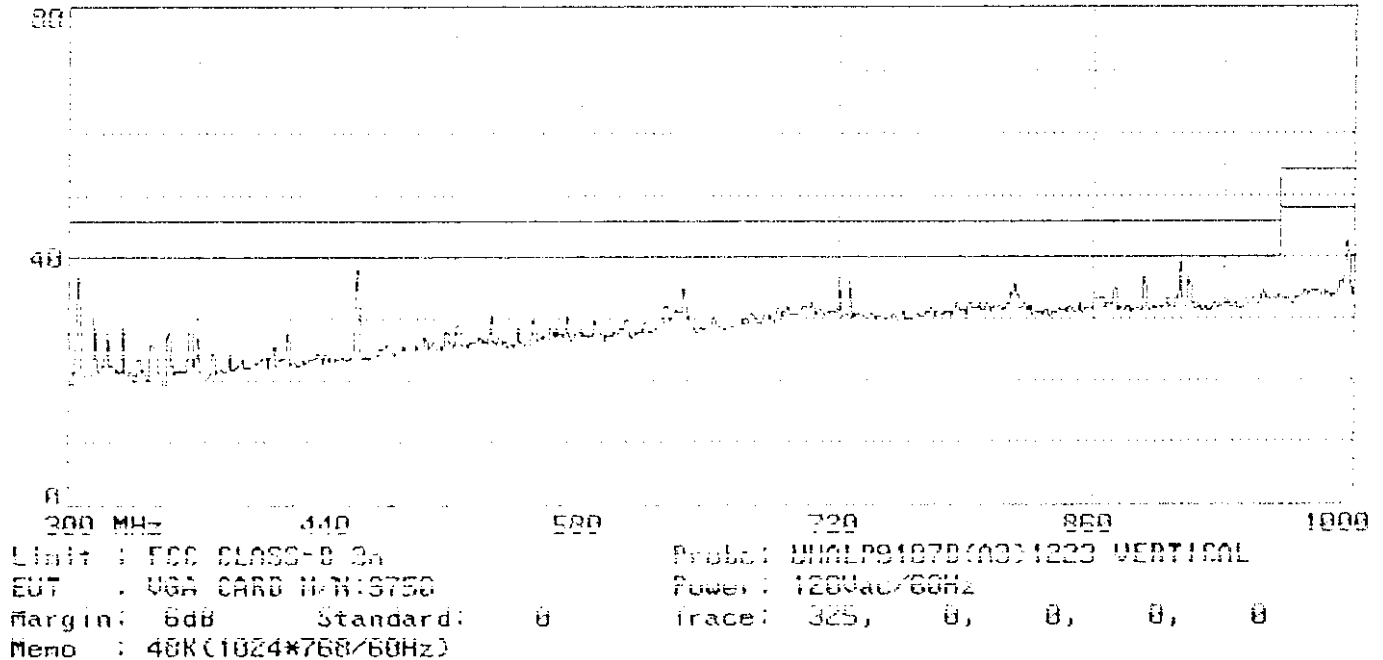
Page#: 323 SP File#: FULL YES E1 Date: 83-30-1998 Time: 22:57:47
 40MHz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



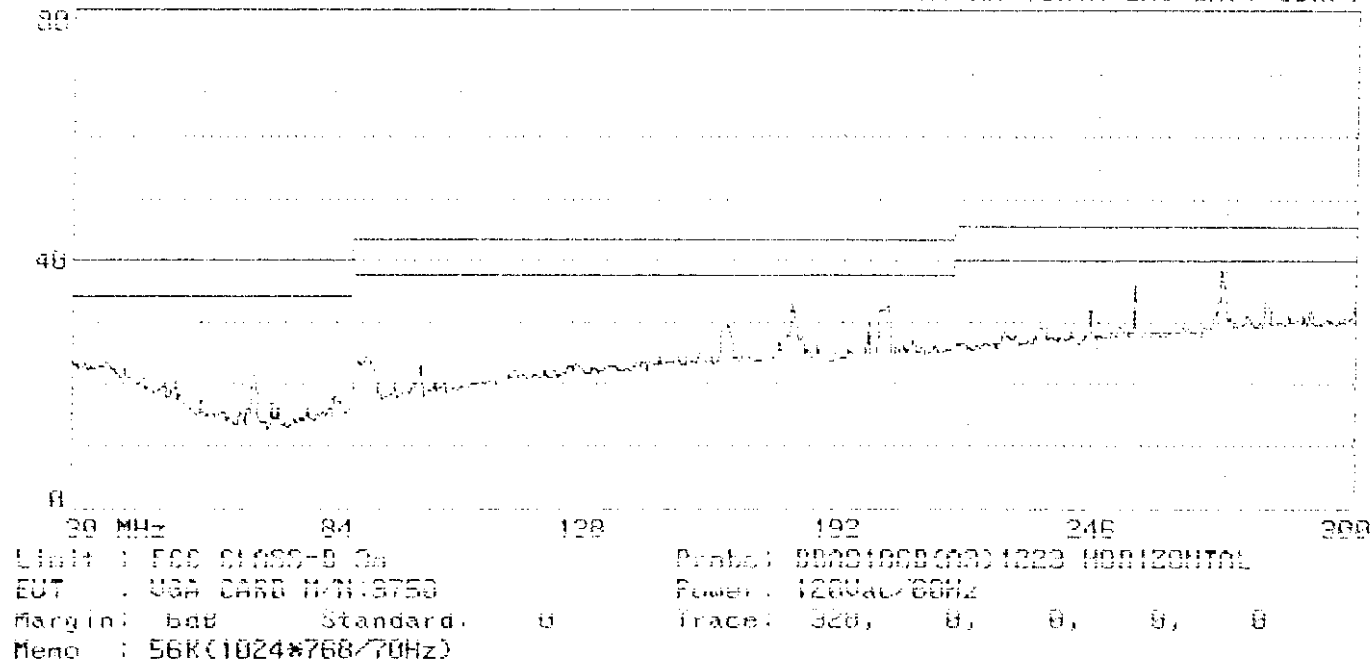
Page#: 324 SP File#: FULL YES.E1 Date: 88-38-1998 Time: 22:59:23
 dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



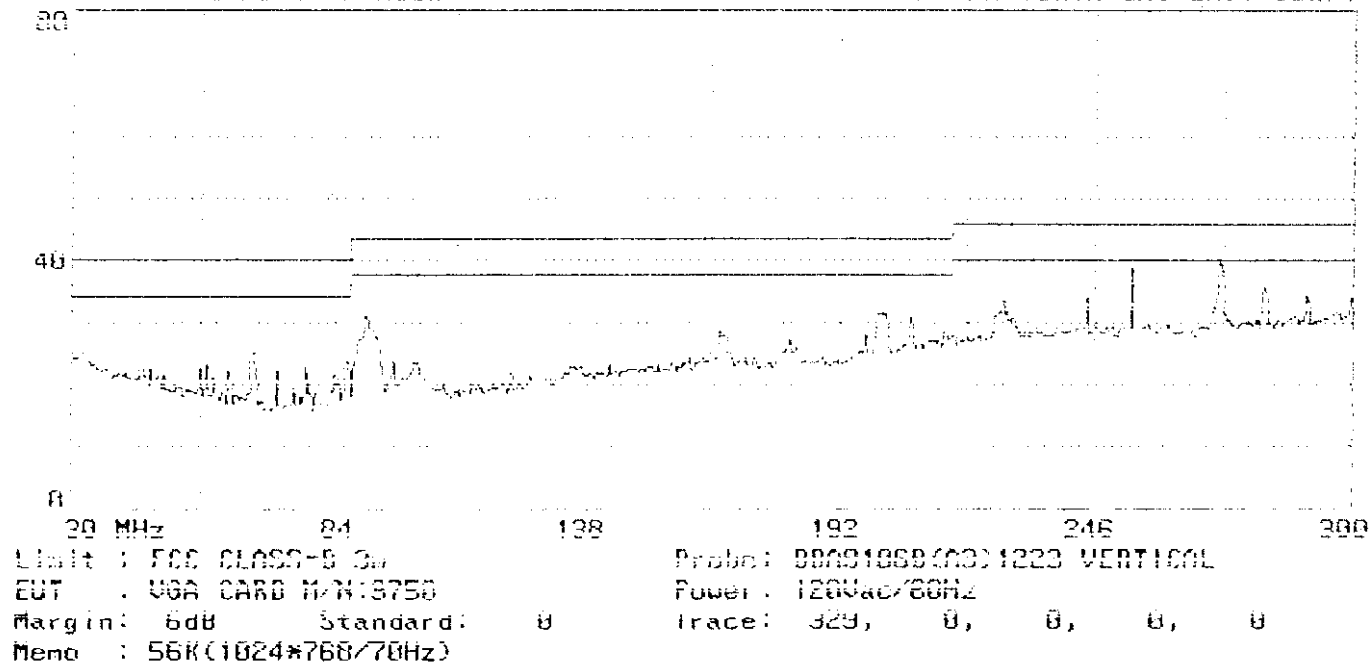
Page#: 325 SP File#: FULL YES.E1 Date: 88-38-1998 Time: 23:00:58
 dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



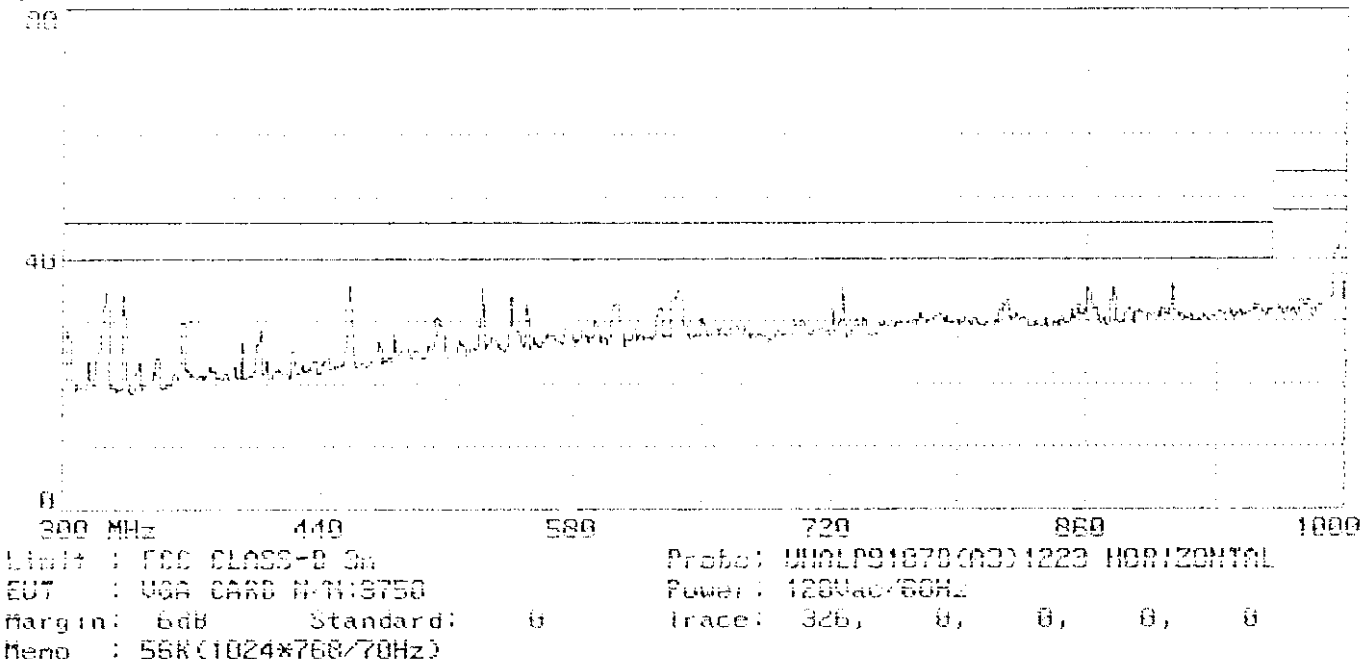
Page#: 328 SP File#: FULL YES.F1 Date: 02-20-1998 Time: 23:07:18
 dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



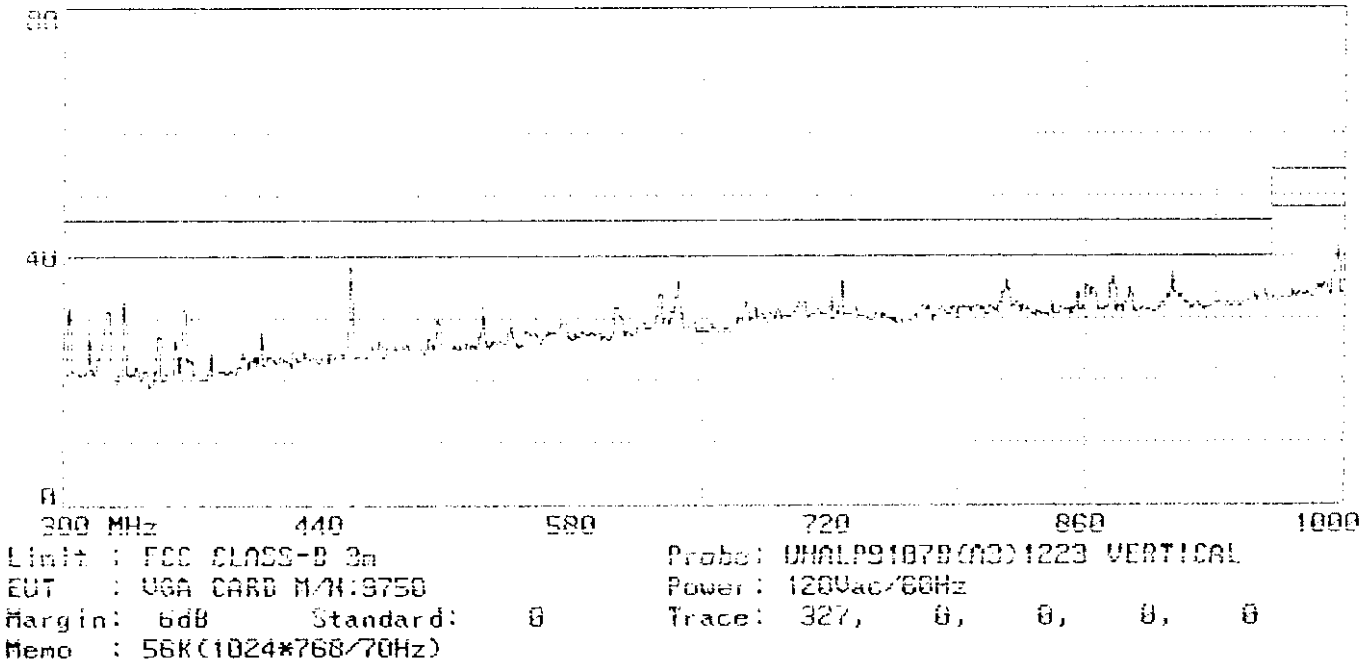
Page#: 329 SP File#: FULL YES.F1 Date: 02-20-1998 Time: 23:08:54
 dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



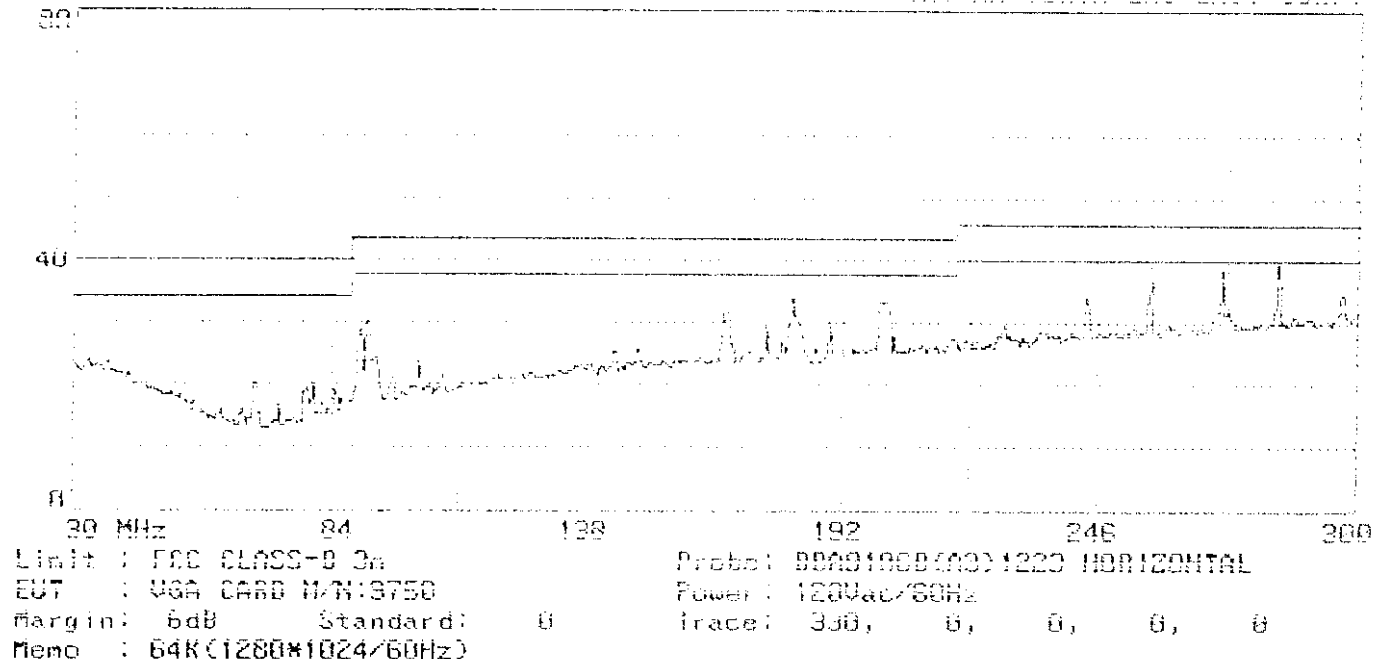
Page#: 326 SP File#: FULL YES.F1 Date: 03-30-1998 Time: 23:03:45
 dBm/Hz ANECHOIC CHAMBER TOSHIBA TOKIN EMC ENG. CORP.



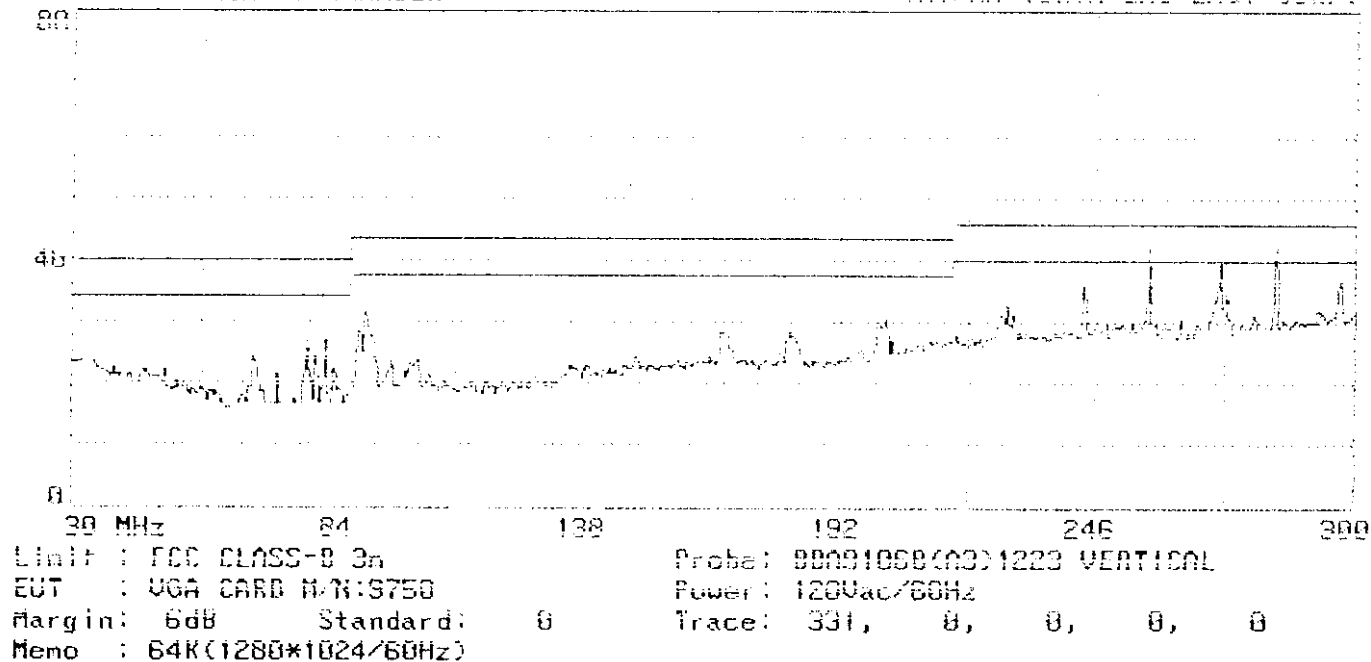
Page#: 327 SP File#: FULL YES.F1 Date: 03-30-1998 Time: 23:04:24
 dBm/Hz ANECHOIC CHAMBER TOSHIBA TOKIN EMC ENG. CORP.



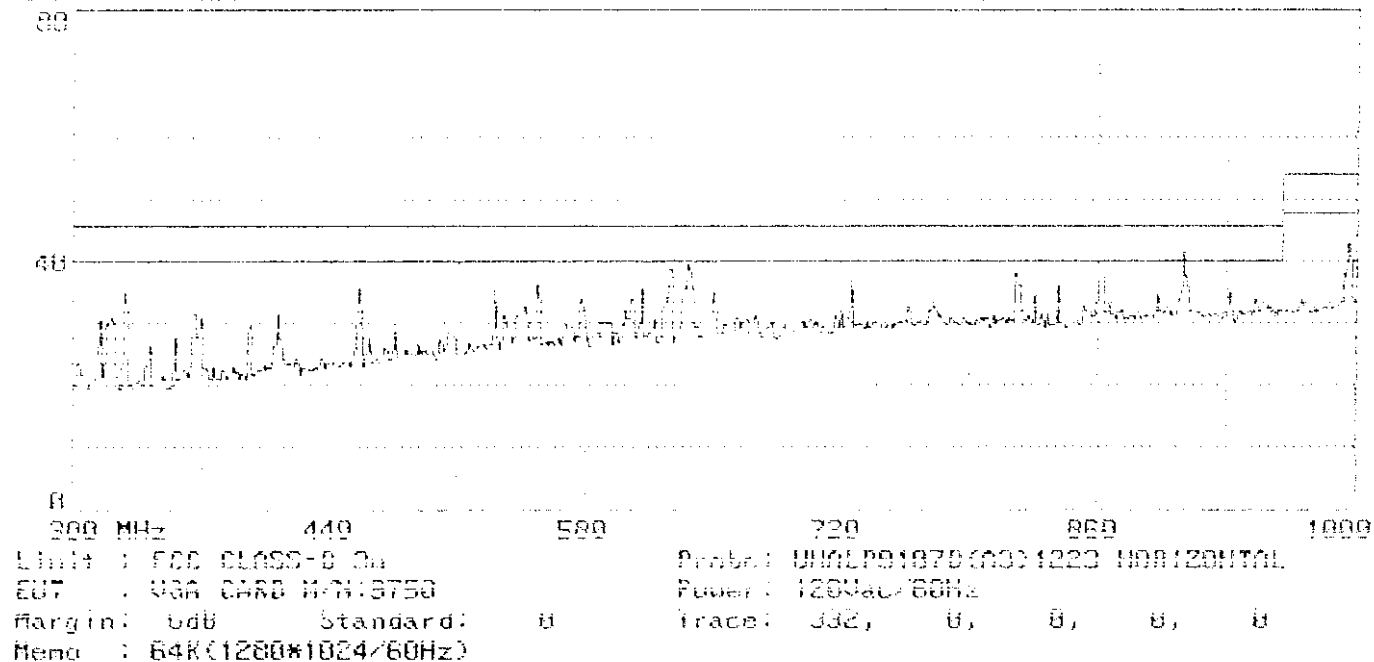
Page#: 330 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 23:12:14
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



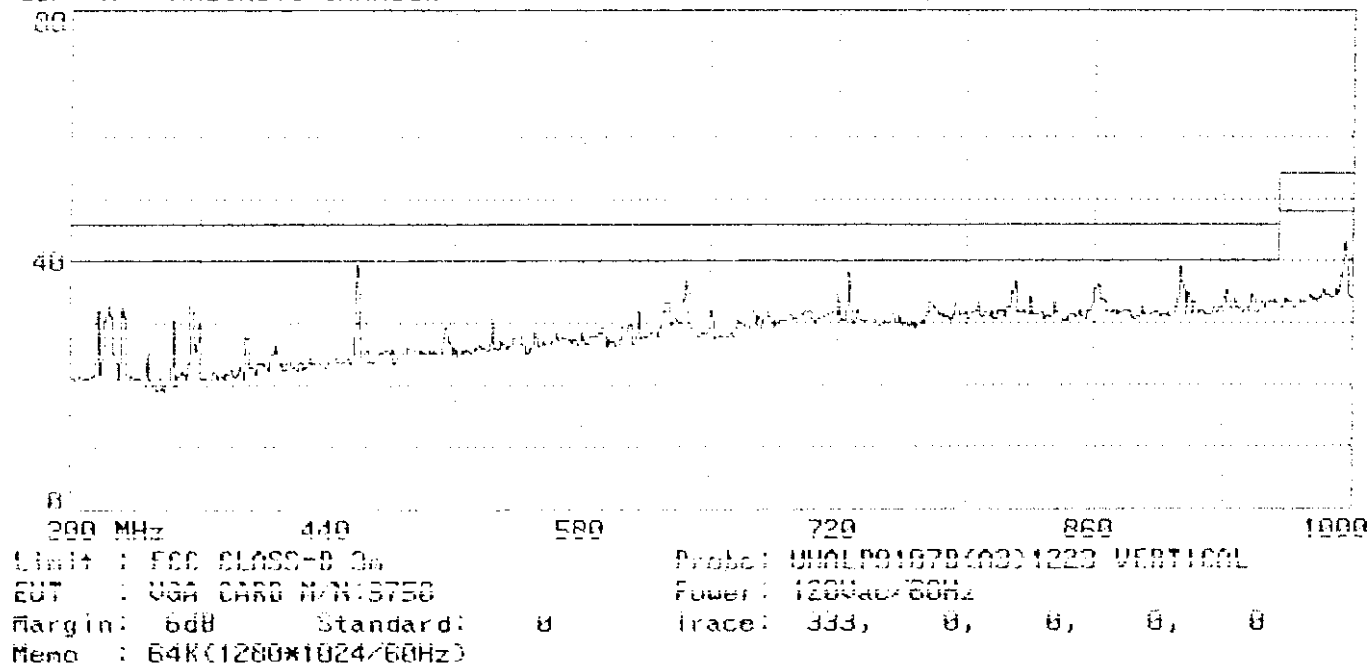
Page#: 331 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 23:13:28
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



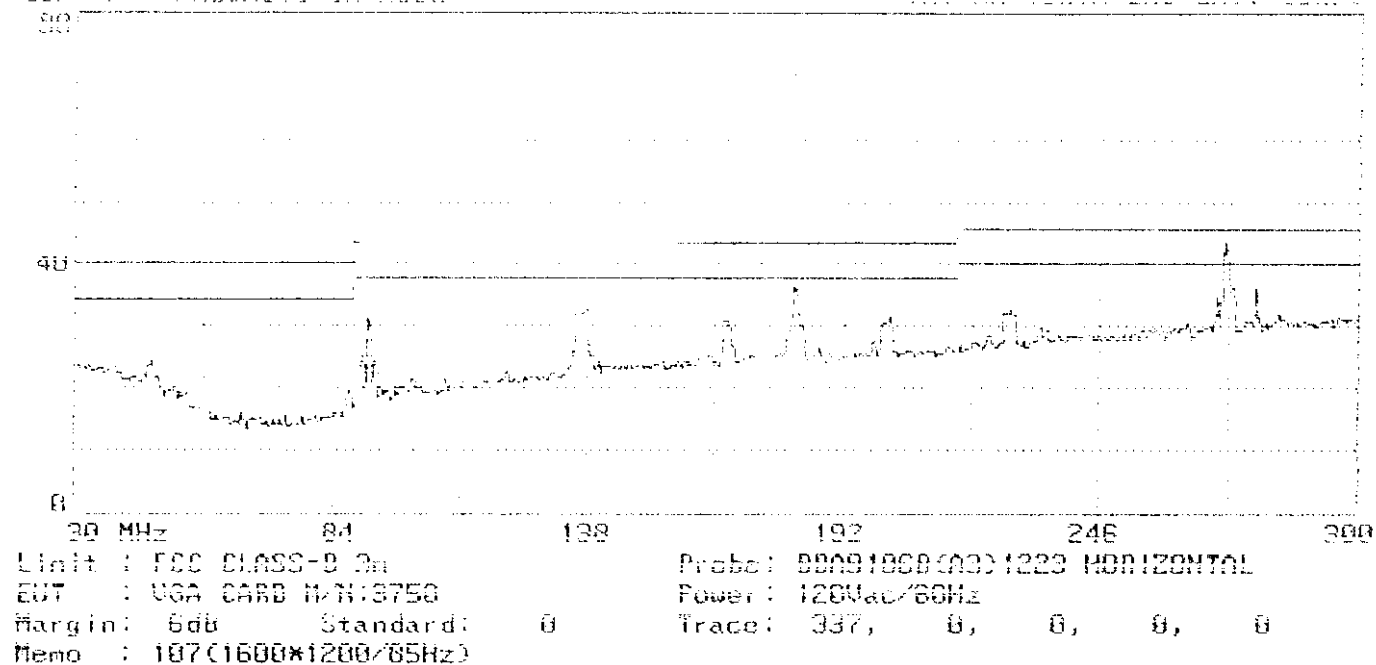
Page#: 332 SP File#: F011 YES.F1 Date: 03-30-1998 Time: 23:15:12
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



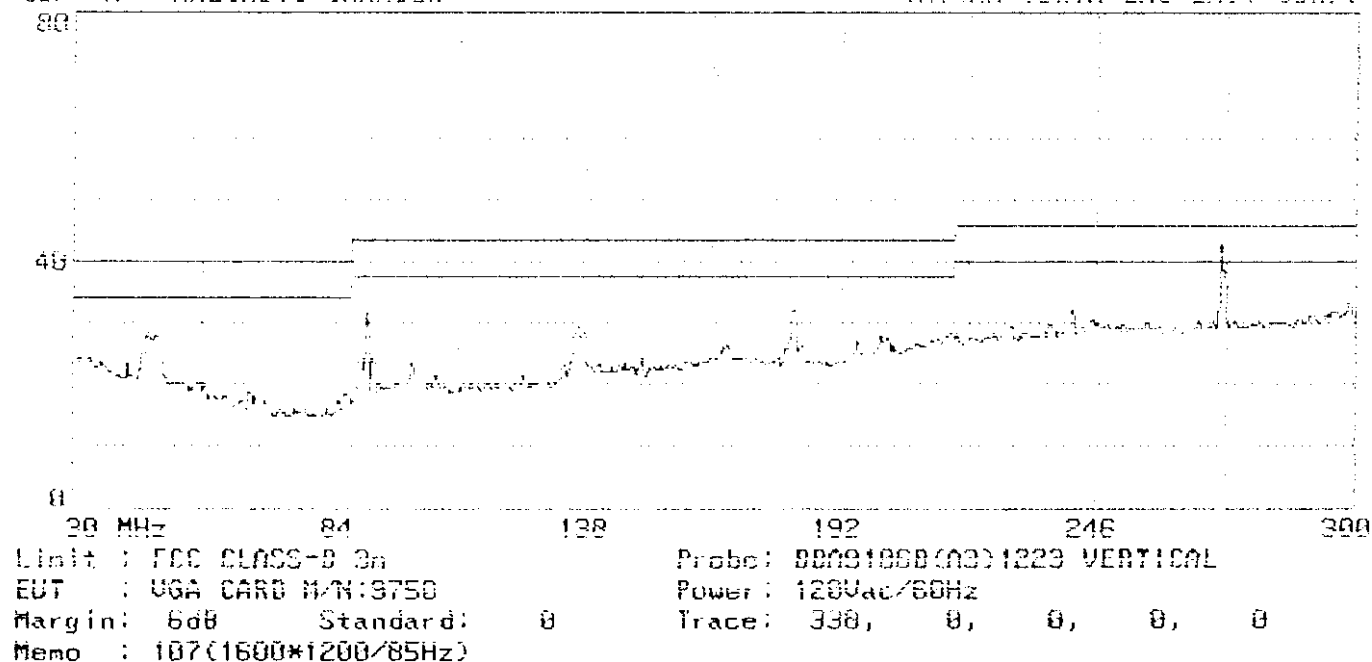
Page#: 333 SP File#: F011 YES.F1 Date: 03-30-1998 Time: 23:15:59
dBm/Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



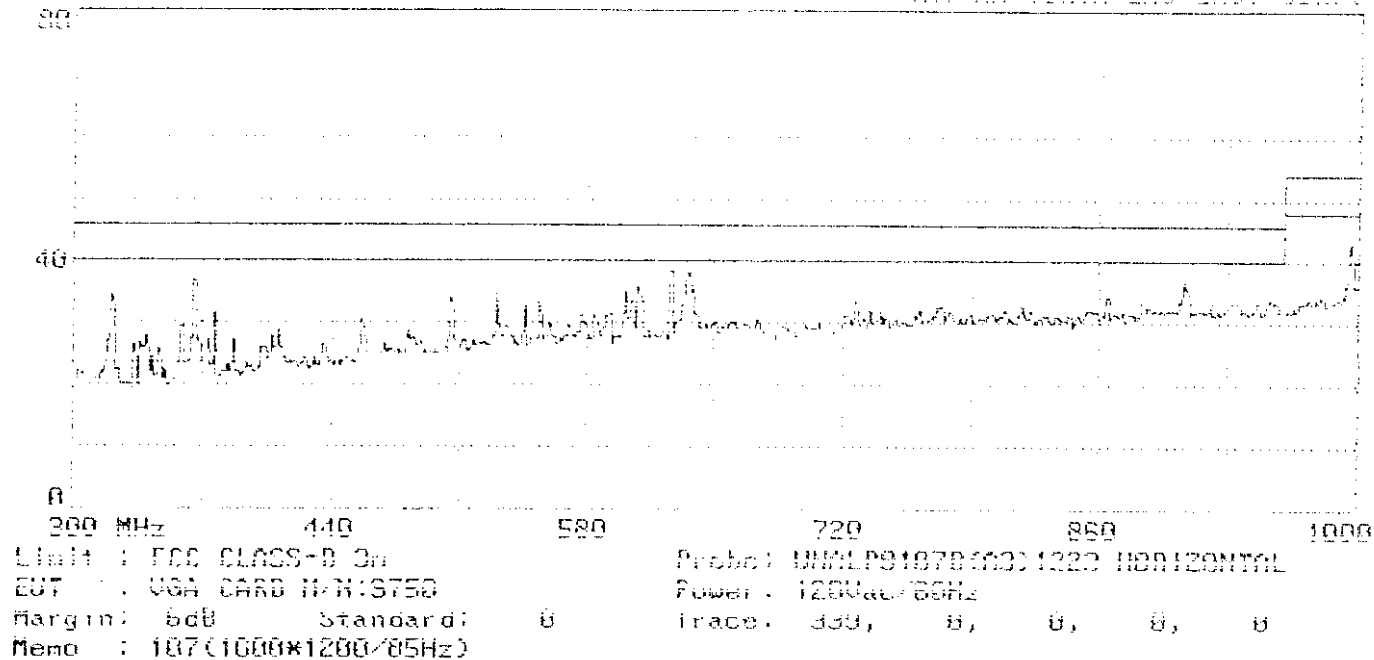
Page#: 337 SP File#: FULL YES.F1 Date: 03-30-1998 Time: 23:30:02
dBuV/m ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



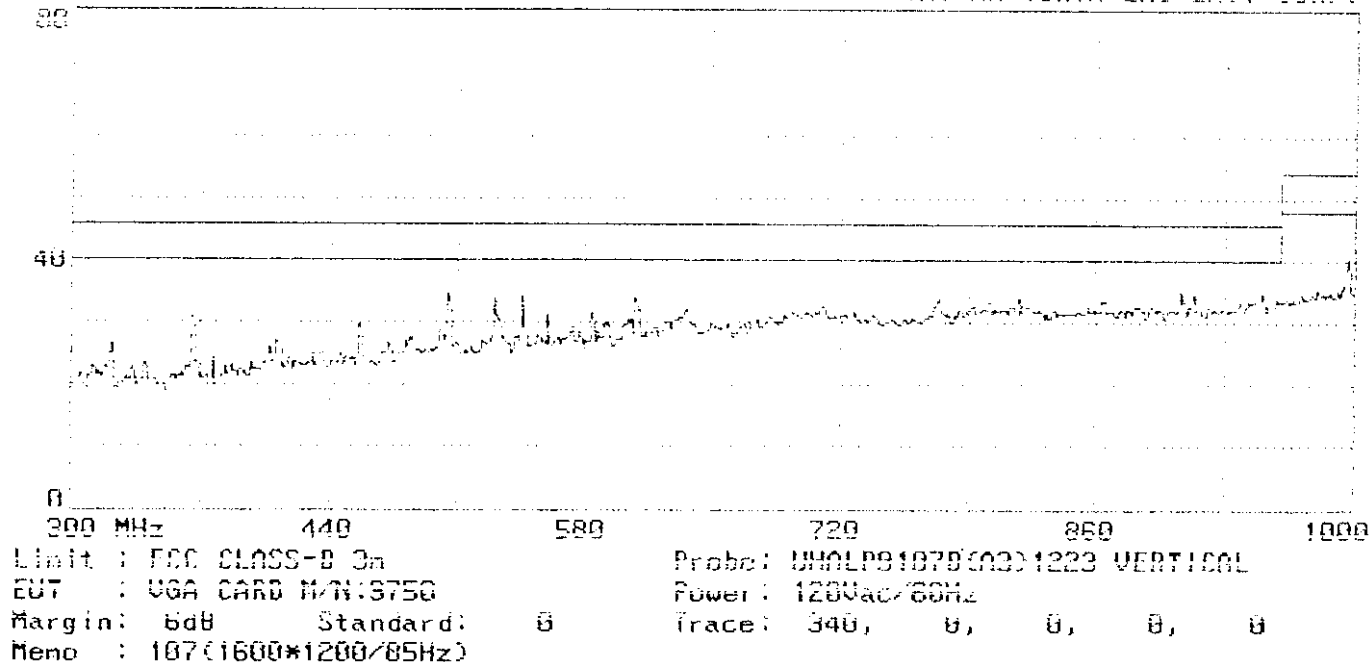
Page#: 338 SP File#: FULL YES.F1 Date: 03-30-1998 Time: 23:35:11
dBuV/m ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



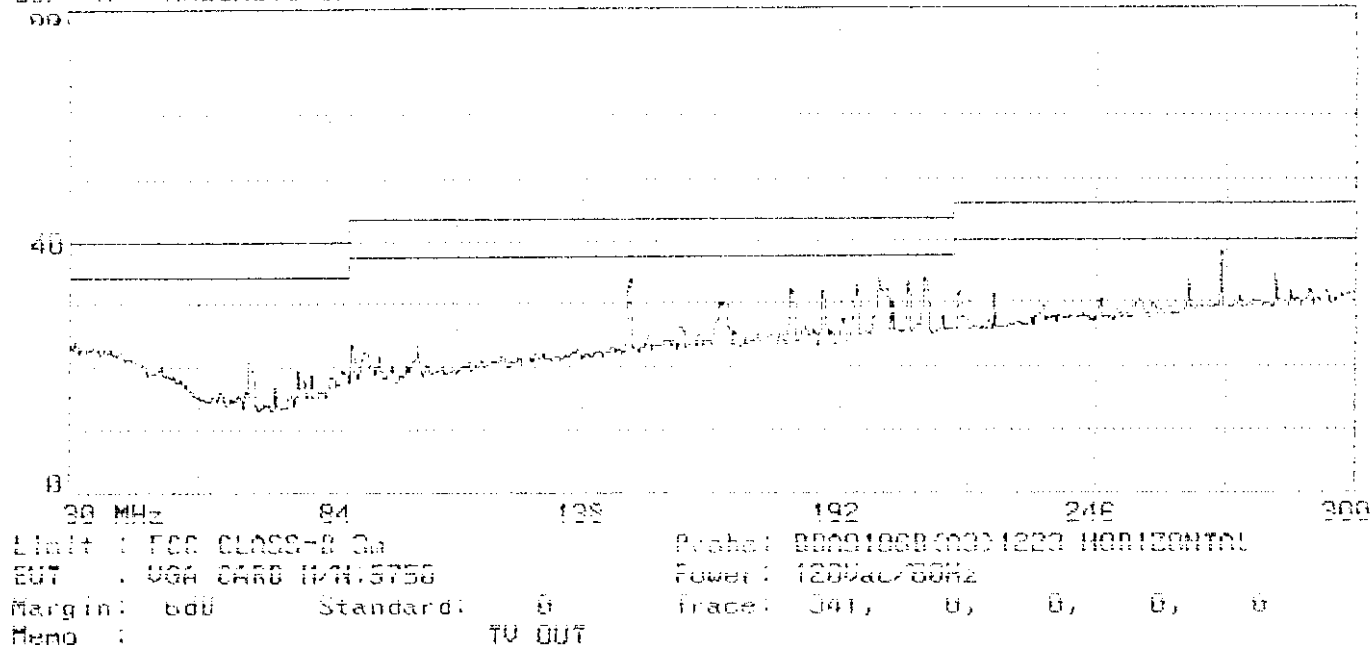
Page#: 339 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 23:41:03
 dBm/1m ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.



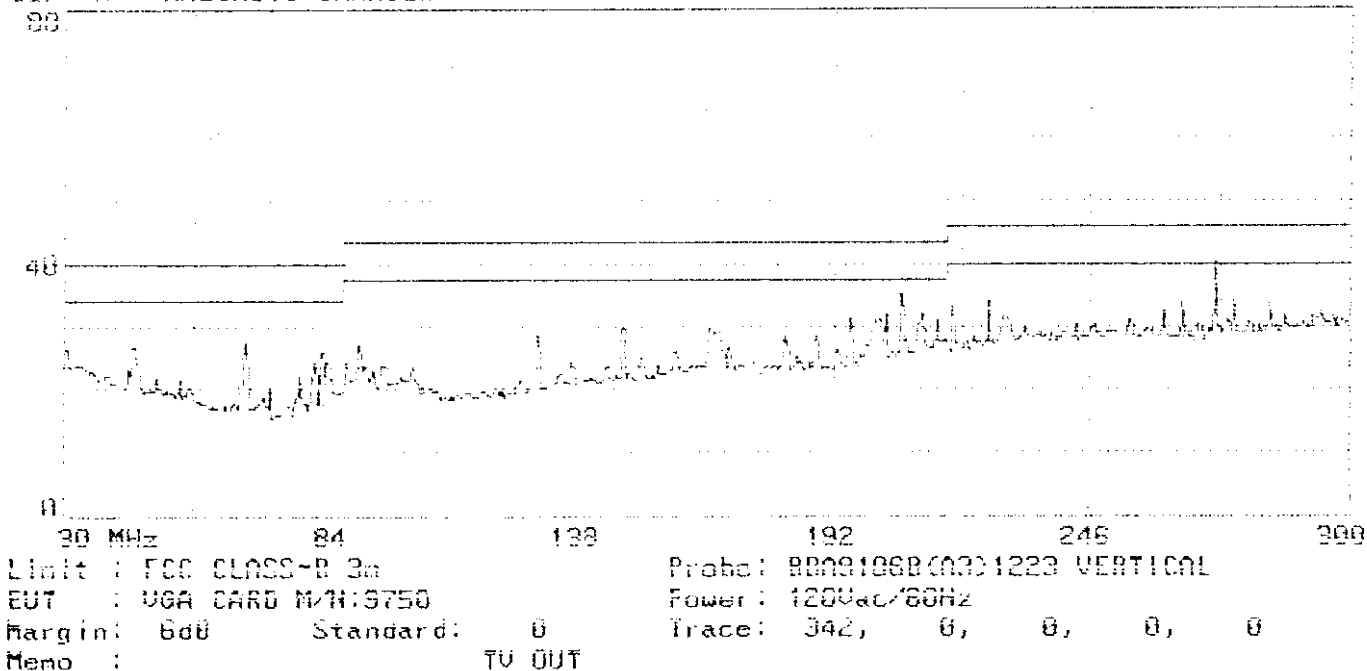
Page#: 340 SP File#: FULL YES.E1 Date: 03-30-1998 Time: 23:46:33
 dBm/1m ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.

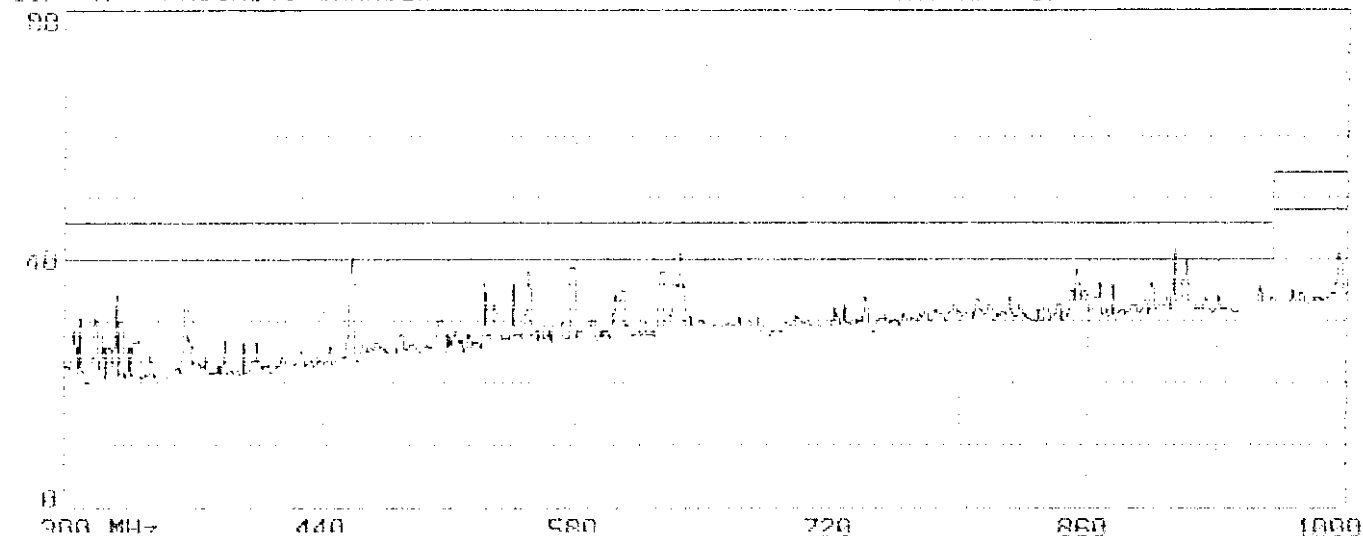


Page# 342 SP File# FULL YES.FI Date: 03-30-1998 Time: 23:49:05
 ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.

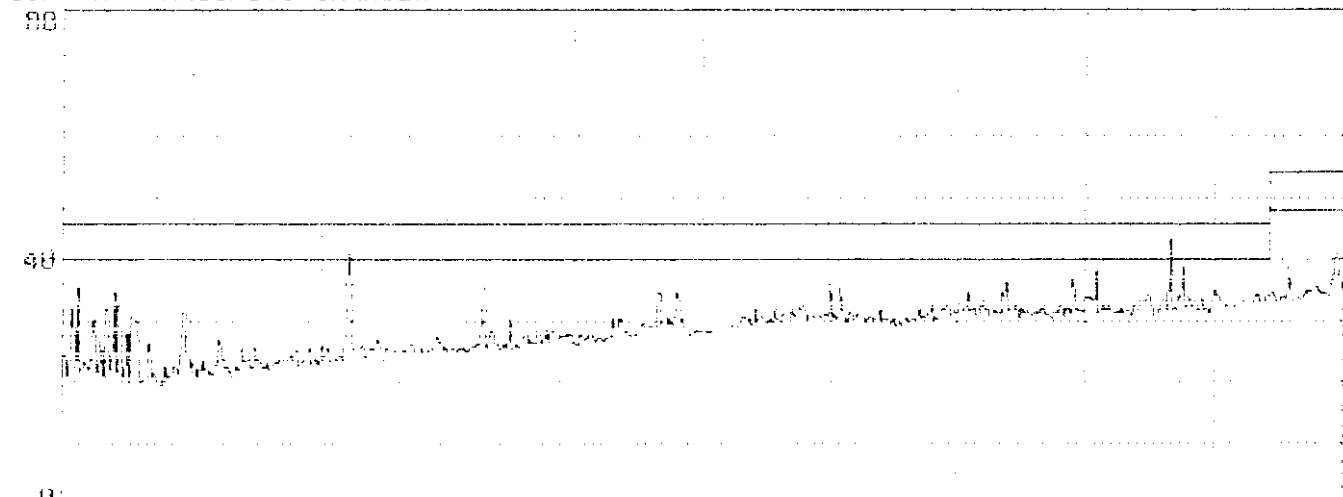


Page# 342 SP File# FULL YES.FI Date: 03-30-1998 Time: 23:52:21
 ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.





300 MHz 440 580 720 860 1000
 Limit : FCC CLASS-B 3a Probe: UH0LP0107B(A3)1223 HORIZONTAL
 EUT : VGA CARD N71:3750 Power : 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 343, 0, 0, 0, 0
 Memo : TV OUT



300 MHz 440 580 720 860 1000
 Limit : FCC CLASS-B 3a Probe: UH0LP0107B(A3)1223 VERTICAL
 EUT : VGA CARD N71:3750 Power : 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 344, 0, 0, 0, 0
 Memo : TV OUT