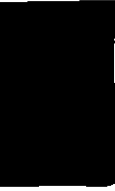


*EXHIBIT 4*

*Test Report*

*Test Report*

*TTEMC-F98086*



APPLICATION FOR CERTIFICATION

On Behalf of  
Full Yes Industrial Corp.  
VGA Card

Model : VGA 9850

FCC ID : KC7-9850

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.  
No. 53-11, Tin-Fu Tsun, Lin-Kou,  
Taipei Hsien, Taiwan, R.O.C.

Tel: (02) 2609-9301, (02) 2609-2133

File Number : ATM-G98192  
Report Number : TTEMC-F98086  
Date of Test : Apr. 15 / May 14, 1998  
Date of Report : May 19, 1998

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## TEST REPORT CERTIFICATION

Applicant : Full Yes Industrial Corp.  
 Manufacturer : Full Yes Industrial Corp.  
 FCC ID : KC7-9850  
 EUT Description : VGA Card  
 (A) MODEL NO. : VGA 9850  
 (B) SERIAL NO. : N/A  
 (C) POWER SUPPLY : DC 5V, 12V (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 : Apr. 15 / May 14, 1998

Prepared by : Monica Chang  
(MONICA CHANG)

Test Engineer : Allen Wang  
(ALLEN WANG)

Approve & Authorized Signer : Jackie Deng  
(JACKIE DENG) 5/2/98

# 1. GENERAL INFORMATION

## 1.1. Description of Device (EUT)

Description	:	VGA Card (FYI-Trident 9850 AGP VGA Card)
Model Number	:	VGA 9850
FCC ID	:	KC7-9850
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	:	Apr. 15 / May 14, 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
<b>VGA Card (EUT)</b>	:	<b>Full Yes, M/N VGA 9850</b> <b>FCC ID KC7-9850</b>
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	:	Bonded a ferrite core
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	:	950110299
	:	FCC ID	:	IFAXDM1414
	:	Manufacturer	:	Aceex
	:	Data Cable	:	Shielded, Detachable, 1.2m
	:	Power Adapter	:	Amigo, Model AM-9100A
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-9100A
1.2.7. MOUSE	:	Model Number	:	M-S34
	:	Serial Number	:	LZA71066455
	:	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 : Jul. 15, 1996 Re-file on  
 (No. 2 Open Site) 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

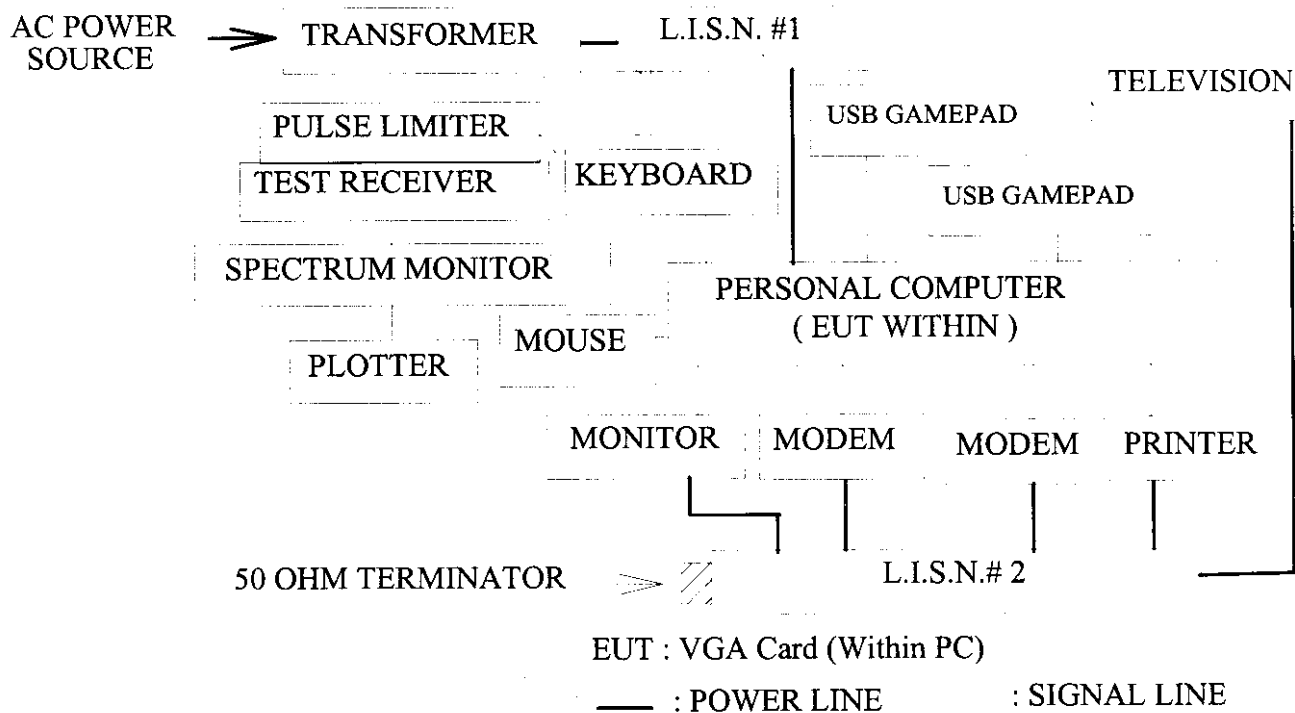
## 2. POWERLINE CONDUCTED TEST

### 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	KNW-407	8-855-9	Apr.14, 98'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-881-13	Apr.14, 98'	1 Year

### 2.2. Block Diagram of Test Setup



### 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)



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 ANSIC63.4-1992 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.

Eight 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 1. 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) 93.7KHz (1600x1200, 75Hz)
- (7) 107KHz (1600x1200, 85Hz)
- (8) TV Out

## 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	:	VGA 9850
Serial Number	:	N/A
FCC ID	:	KC7-9850
Manufacturer	:	Full Yes Industrial Corp.
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 EUT's Resolution.
- 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.

## 2.7. 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.

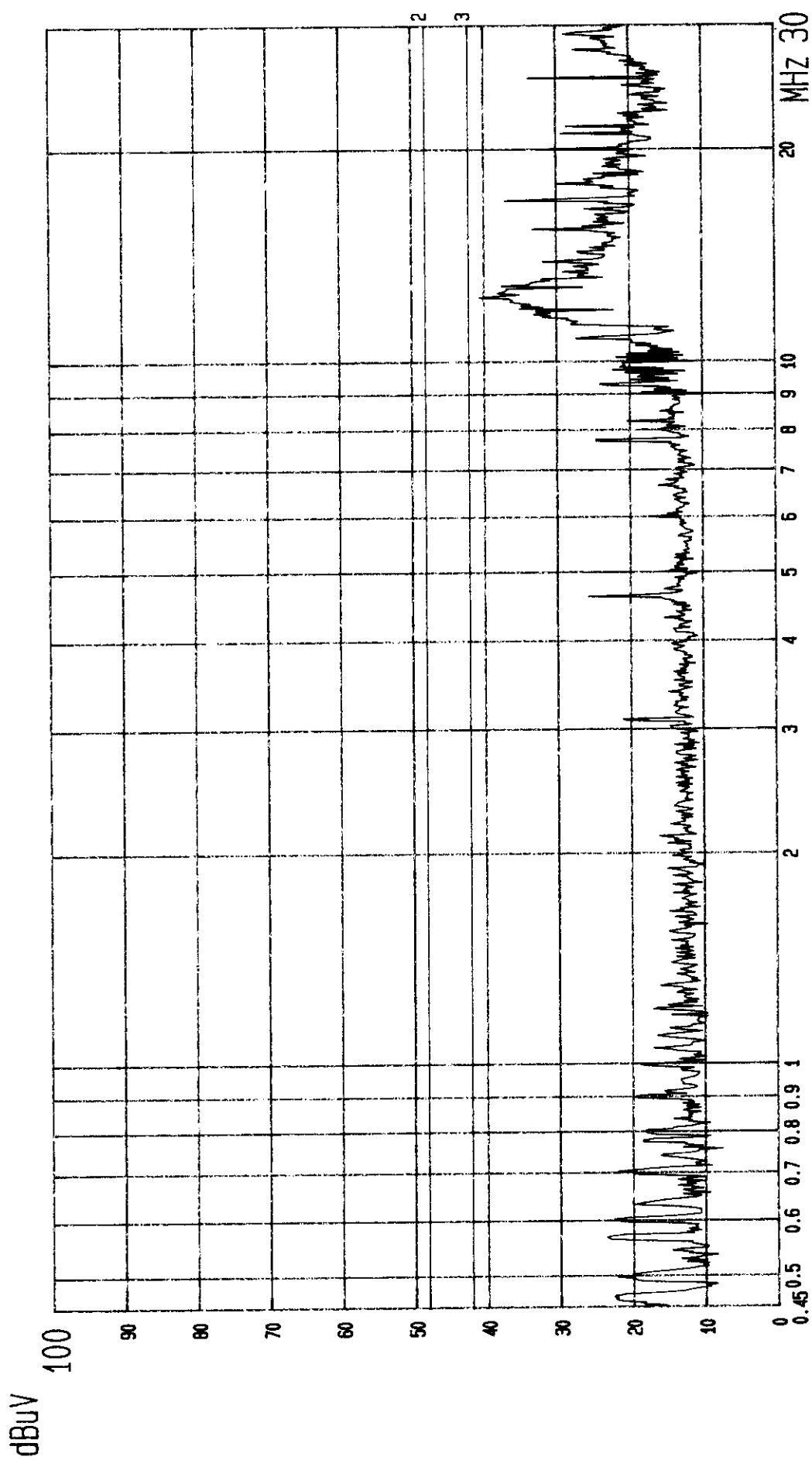
Date of Test : May 14, 1998 Temperature : 26 °C

EUT : VGA Card Humidity : 55 %

Test Mode : TV Out

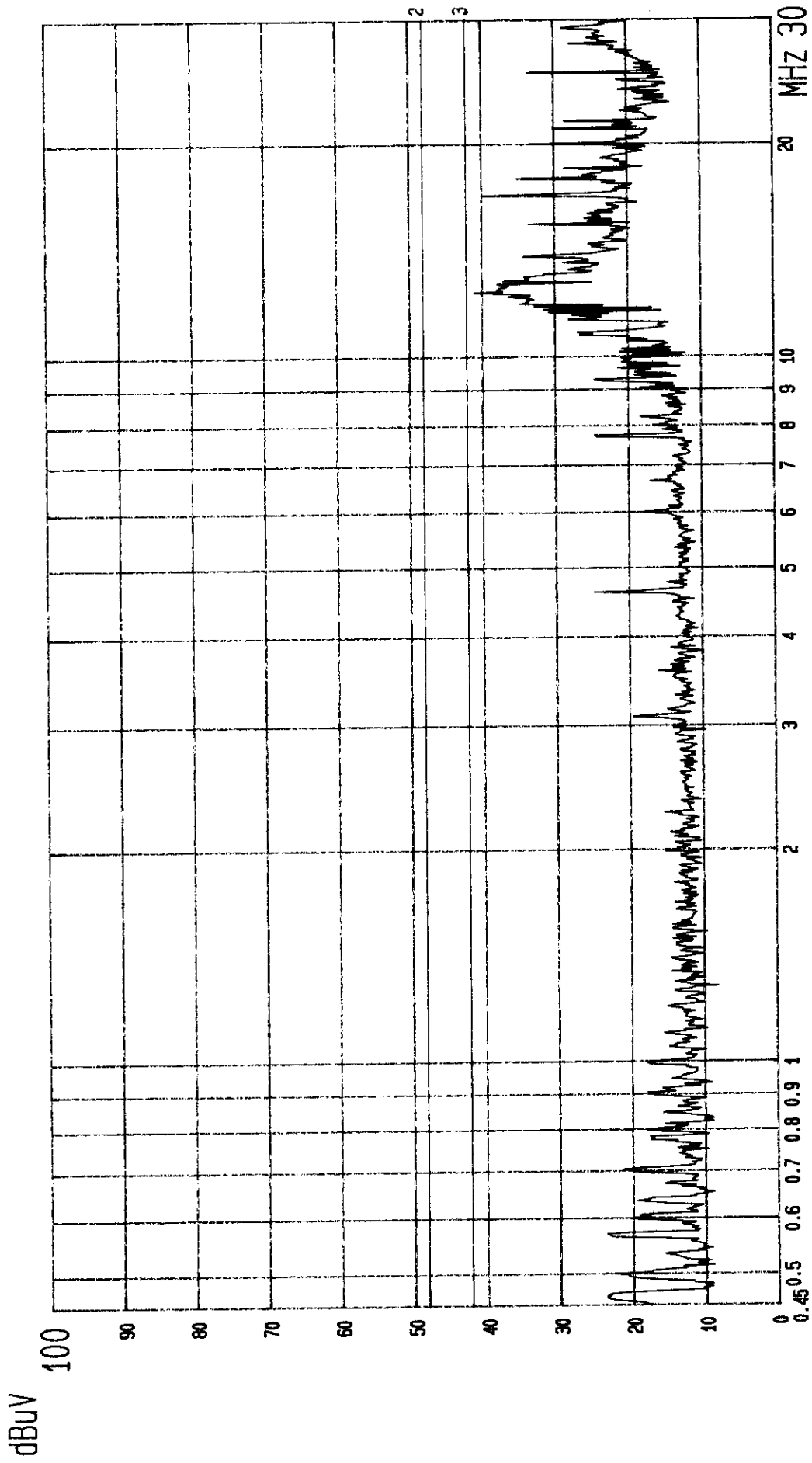
Frequency (MHz)	Factor dB	Measurement (dBuV)		Reading (dBuV)		Limits (dBuV)	Margin (dBuV)	
		VA	VB	VA	VB		VA	VB
0.5589	0.2	*	20.3	*	20.5	48.0	*	27.5
0.5590	0.2	20.1	*	20.3	*	48.0	27.7	*
4.6258	0.3	23.7	*	24	*	48.0	24	*
4.6260	0.3	*	21.6	*	21.9	48.0	*	26.1
<b>12.3358</b>	<b>0.6</b>	<b>40.0</b>	38.9	<b>40.6</b>	39.5	<b>48.0</b>	<b>7.4</b>	8.5
16.9628	0.8	*	36.8	*	37.6	48.0	*	10.4
16.9631	0.8	34.8	*	35.6	*	48.0	12.4	*
20.0471	1.1	30.1	*	31.2	*	48.0	16.8	*
20.0473	1.1	*	29.5	*	30.6	48.0	*	17.4
25.2429	1.0	*	30.1	*	31.1	48.0	*	16.9
25.2432	1.0	30.3	*	31.3	*	48.0	16.7	*

- Remark :
1. All readings are Quasi-Peak values.
  2. Factor = Insertion Loss + Cable Loss
  3. The worst emission was detected at 12.3358MHz with corrected signal level of 40.6dBuV (limit is 48dBuV) when the VA side of the EUT was connected to L.I.S.N.



Date 14.MAY '98 Time 09:39:34  
 FULL YES EUT:VGA CARD  
 LINE:VA. MEMO:TV OUT

M/N:VGA 9850  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.



--- Date 14.MAY.'98 Time 09:41:16  
 FULL YES EUT:VGA CARD  
 LINE:VB. MEMO:TV OUT

M/N:VGA 9850  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.

### 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)

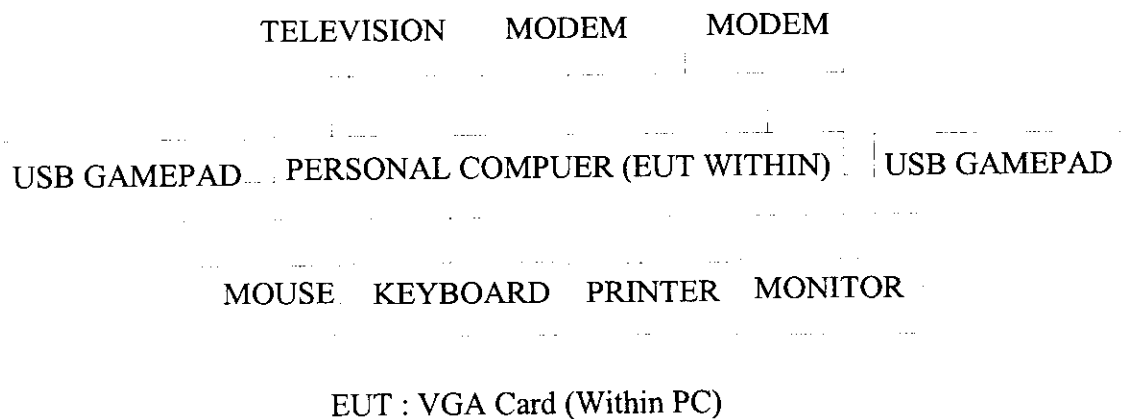
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8593A	3212A01727	Aug.02, 97'	1 Year
2.	Pre-Amplifier	HP	8447D	2944A06305	Jun.07,97'	1 Year
3.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Dec.24, 97'	1 Year
4.	Broadband Antenna	Schwarzbeck	UHALP 9107	A3H	Dec.24,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

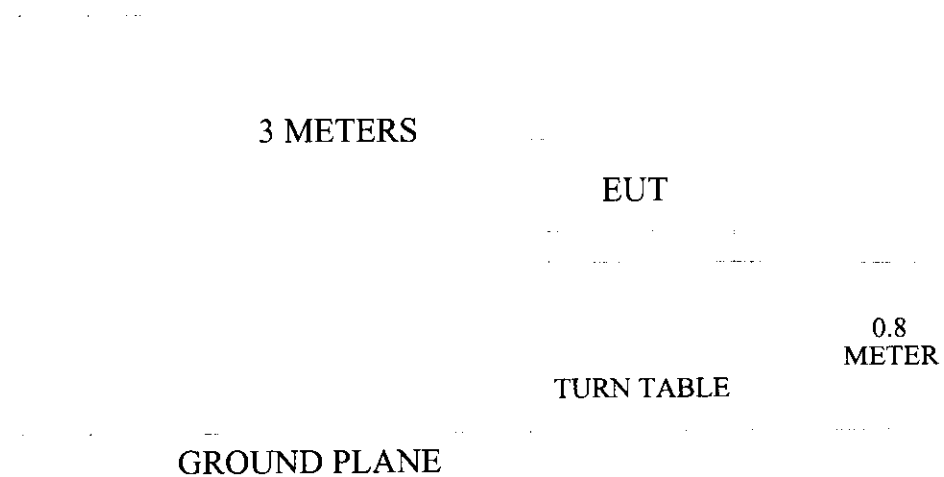
##### 3.2.1. Block Diagram of connection between EUT and simulators



### 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)93.7KHz(1600x1200, 75Hz)
- (7)107KHz(1600x1200, 85Hz)
- (8)TV Out

Finally, re-measured the worst operating situation (56KHz) 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 : May 13, 1998 Temperature : 18 °C  
 EUT : VGA Card Humidity : 69 %  
 Working Frequency : 56KHz, 70Hz Resolution : 1024x768

Frequency MHz	Antenna Factor dB/m	Cable Meter Reading		Emission Level		
		Loss dB	Horizontal dBuV	Horizontal dBuV/m	Limits dBuV/m	Margin dBuV/m
45.880	17.84	1.93	-2.60	17.17	40.00	22.83
82.520	14.47	2.53	-2.60	14.40	40.00	25.60
137.385	20.57	3.30	-0.90	22.97	43.50	20.53
164.868	21.27	3.69	-0.30	24.66	43.50	18.84
174.029	21.60	3.78	0.80	26.18	43.50	17.32
210.670	22.24	4.13	6.10	32.47	43.50	11.03
215.245	22.10	4.17	7.90	34.17	43.50	9.33
219.844	22.31	4.27	7.20	33.78	46.00	12.22
<b>* 224.425</b>	<b>22.40</b>	<b>4.28</b>	<b>14.90</b>	<b>41.58</b>	<b>46.00</b>	<b>4.42</b>
251.898	23.29	4.69	7.20	35.18	46.00	10.82
261.048	24.03	4.73	4.20	32.96	46.00	13.04
283.956	25.57	4.91	5.10	35.58	46.00	10.42
293.108	25.52	4.98	3.40	33.90	46.00	12.10
320.571	13.63	5.36	12.00	30.99	46.00	15.01
329.750	13.94	5.43	13.60	32.97	46.00	13.03
416.757	16.92	6.23	0.90	24.05	46.00	21.95
457.982	17.32	6.81	2.40	26.53	46.00	19.47
517.517	17.97	7.30	-0.20	25.07	46.00	20.93

- Remark :
1. All readings are Quasi-Peak values.
  2. The worst emission was detected at 224.425MHz with corrected signal level of 41.58dBuV/m (limit is 46.0dBuV/m) when the antenna was at horizontal polarization and was at 1.8m high and the turn table was at 205 ° .
  3. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Date of Test : May 13, 1998 Temperature : 18 °C  
 EUT : VGA Card Humidity : 69 %  
 Working Frequency : 56KHz, 70Hz Resolution : 1024x768

Frequency MHz	Antenna Factor dB/m	Cable Meter Reading		Emission Level		
		Loss dB	Vertical dBuV	Vertical dBuV/m	Limits dBuV/m	Margin dBuV/m
50.367	15.22	2.00	-0.70	16.52	40.00	23.48
86.967	15.89	2.53	2.10	20.52	40.00	19.48
128.241	19.39	3.16	5.40	27.95	43.50	15.55
174.022	21.98	3.78	-2.70	23.06	43.50	20.44
206.101	22.17	4.10	-0.80	25.47	43.50	18.03
215.256	23.49	4.17	1.80	29.46	43.50	14.04
<b>* 224.419</b>	<b>22.76</b>	<b>4.28</b>	<b>12.20</b>	<b>39.24</b>	<b>46.00</b>	<b>6.76</b>
261.048	24.42	4.73	2.30	31.45	46.00	14.55
274.759	25.31	4.83	-1.40	28.74	46.00	17.26
283.953	25.08	4.91	6.90	36.89	46.00	9.11
293.089	25.09	4.98	3.60	33.67	46.00	12.33
302.273	14.05	5.18	4.80	24.03	46.00	21.97
320.581	14.33	5.36	10.30	29.99	46.00	16.01
329.752	14.27	5.43	9.30	29.00	46.00	17.00
338.908	14.57	5.48	2.40	22.45	46.00	23.55
370.977	15.13	5.81	-0.40	20.54	46.00	25.46
407.612	16.07	6.18	0.20	22.45	46.00	23.55
416.764	16.02	6.23	1.80	24.05	46.00	21.95
476.305	17.11	6.96	3.60	27.67	46.00	18.33

- Remark :
1. All readings are Quasi-Peak values.
  2. The worst emission was detected at 224.419MHz with corrected signal level of 39.24dBuV/m (limit is 46dBuV/m) when the antenna was at vertical polarization and was at 1m 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.

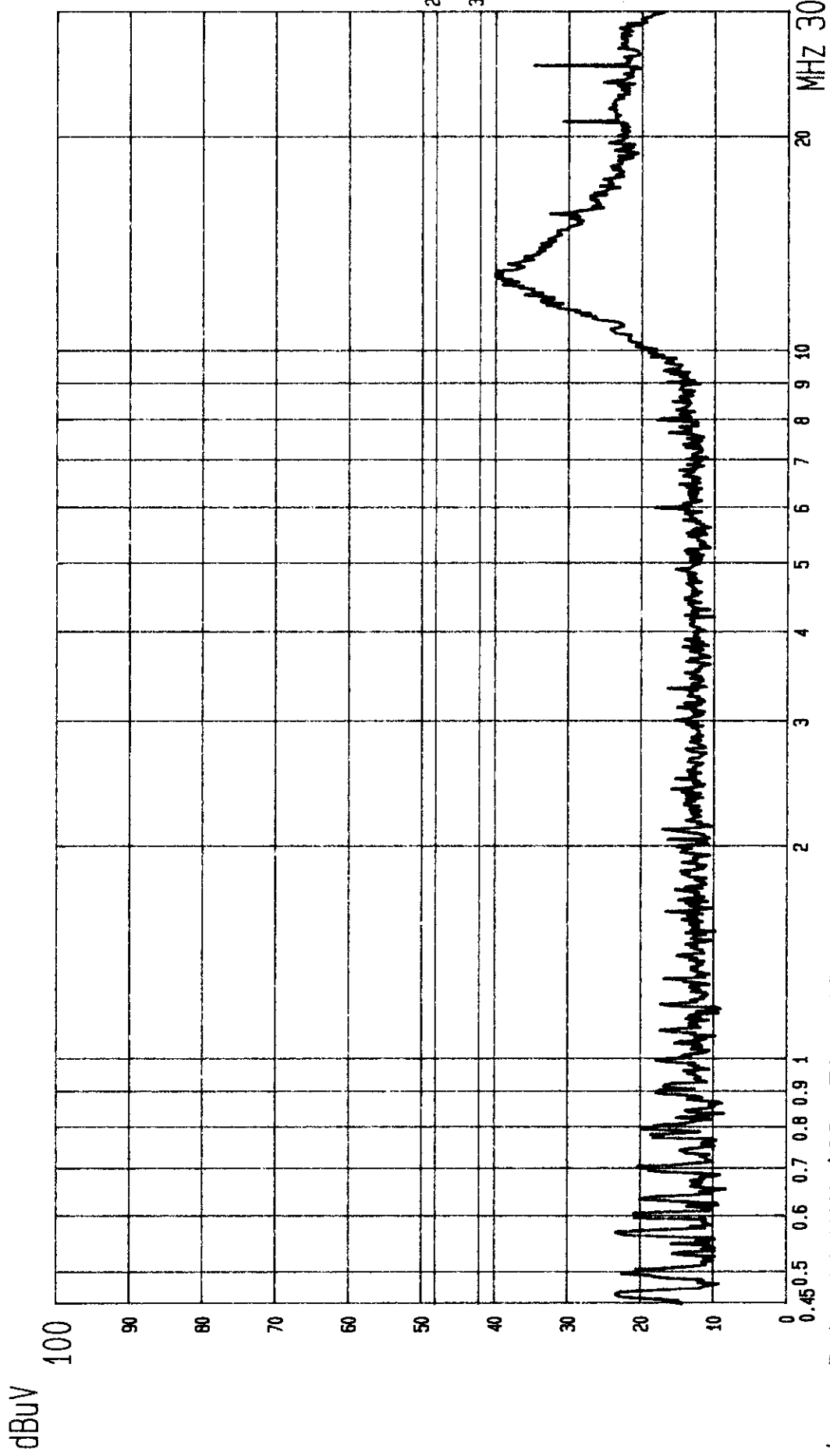
## 4. MODIFICATIONS TO EUT

1. Added a spring finger on J1.
2. Added a 470pF bypass capacitor on J1.
3. Added 470pF bypass capacitors on Pin 3 and Pin 4 of J2.
4. Added ferrite beads on Pin 19 and Pin 12 of U8.
5. Changed 10pF bypass capacitors C50 ~ C55 into 47pF capacitors.
6. Changed 120pF bypass capacitors C48, C49, C56 and C57 into 220pF capacitors.
7. Changed R21 and R22 into ferrite beads.
8. Added ferrite beads on Pin 9, Pin 12 and Pin 15 of CON2.
9. Added 15pF bypass capacitors on Pin 5, Pin 120 and Pin 122 of U1.
10. Added a 33ohm resistor on Pin 5 of U1.
11. Added a 10Kohm resistor between Pin 237 and Pin 238 of U1.
12. Changed ferrite beads FB10, FB11 and FB12 into K1000ohm.
13. Changed ferrite beads FB7, FB8 and FB9 into K1000ohm.

## **5. DEVIATION TO TEST SPECIFICATIONS**

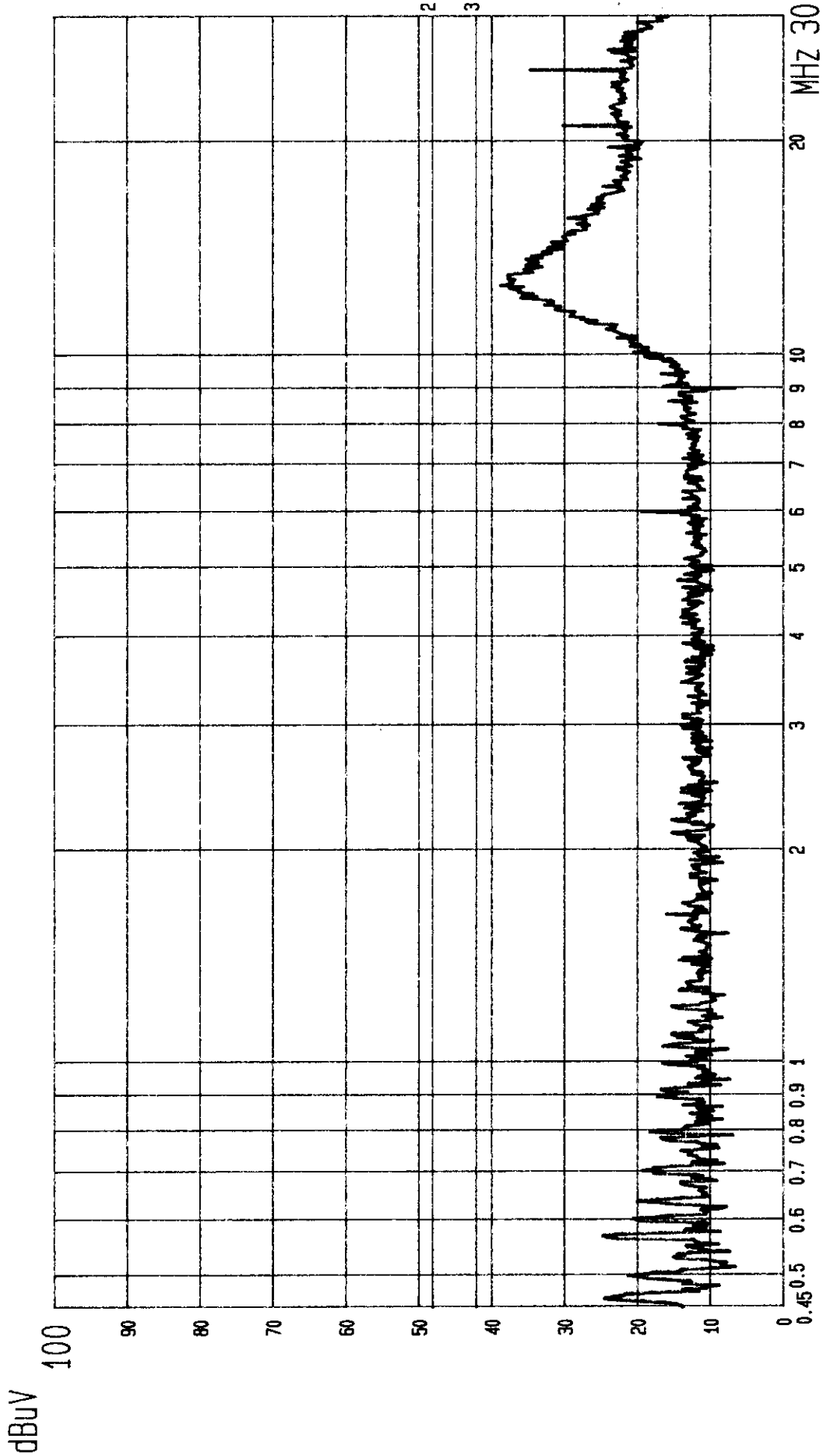
**【 NONE 】**

# APPENDIX I



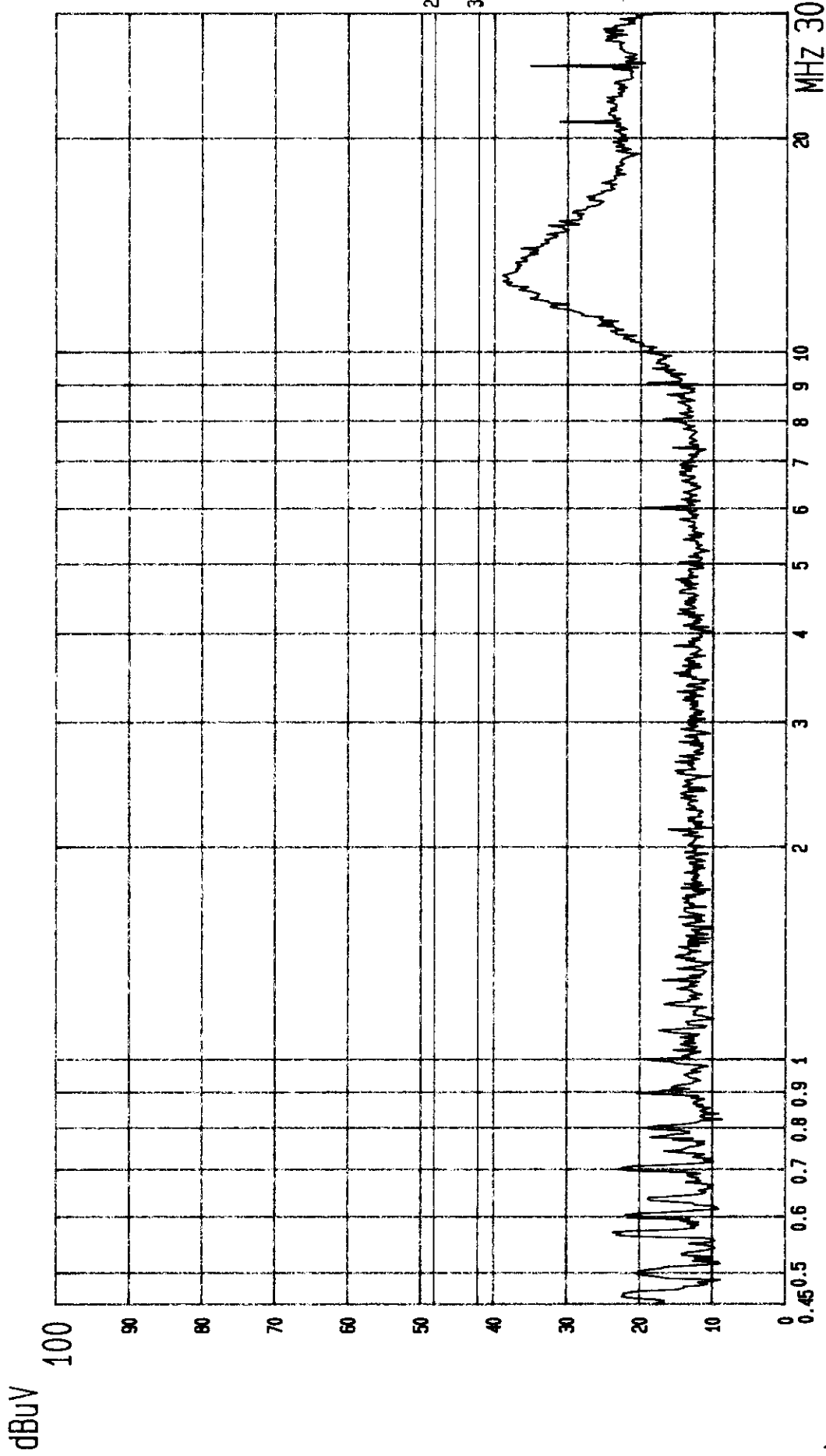
L--- Date 14.MAY.'98 Time 09:34:18  
 FULL YES EUT:VGA CARD  
 LINE: VA. MEMO: 31.5KHz (640X480; 60Hz)

M/N: VGA 9850 PAGE: 002.  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.



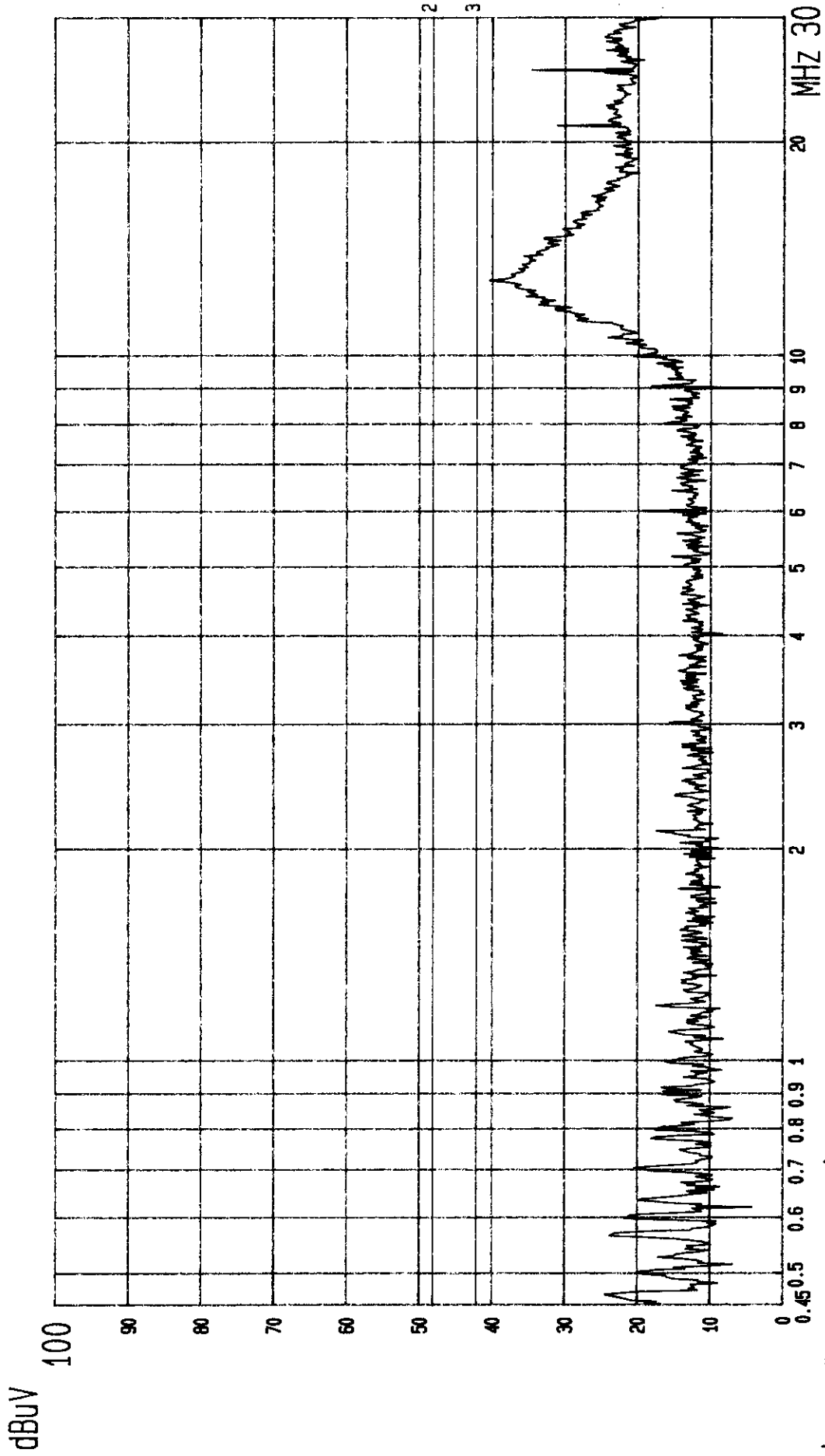
--- Date 14.MAY.'98 Time 09:32:34  
 FULL YES EUT:VGA CARD  
 LINE: VB MEMO: 31.5KHz (640X480; 60Hz)

M/N: VGA 9850 PAGE: 001.  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.

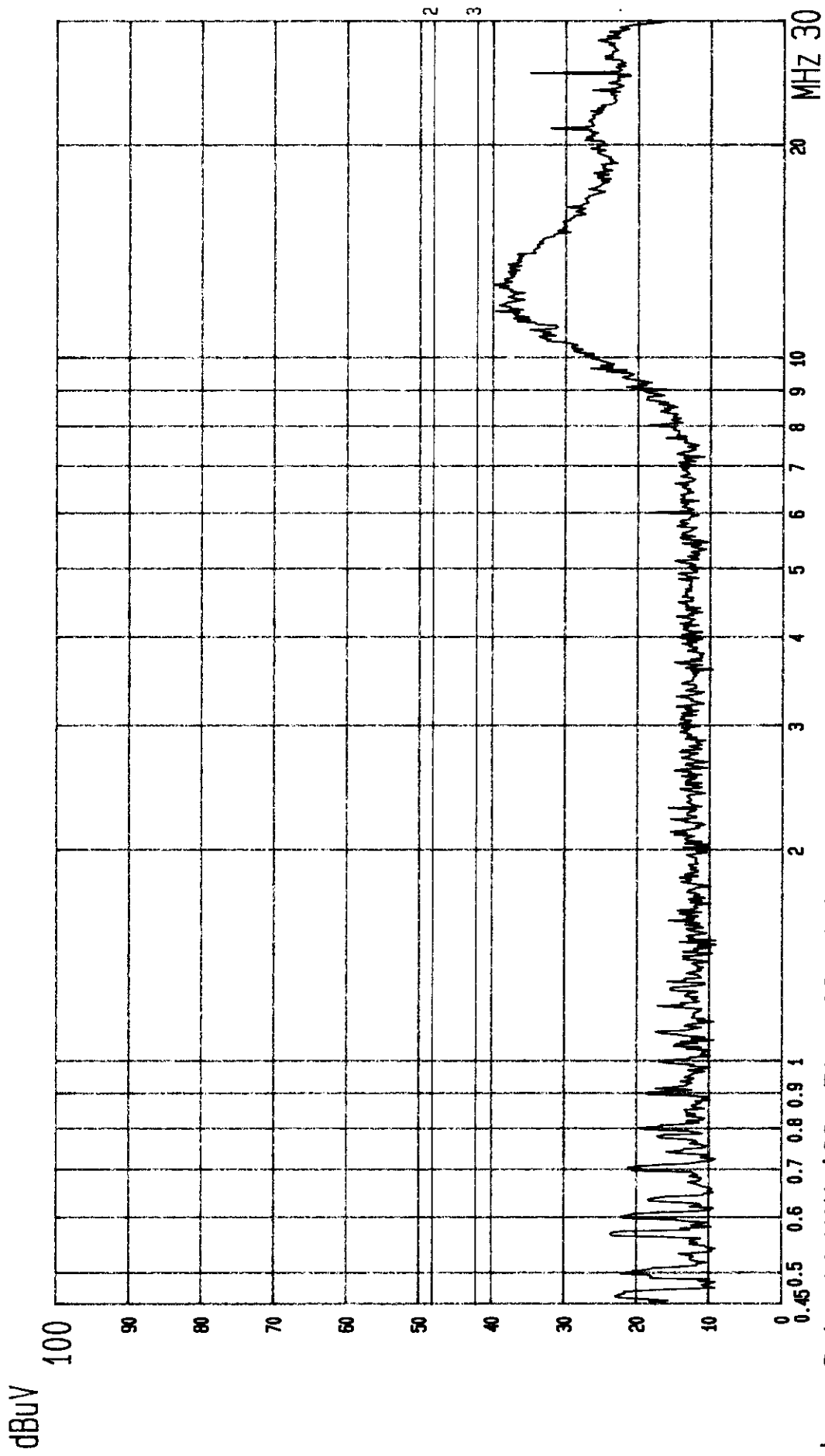


Date 14.MAY.'98 Time 09:47:23  
 FULL YES EUT:VGA CARD  
 LINE:VA. MEMO:38KHZ(800X600;60HZ)  
 M/N:VGA 9850  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.  
 PAGE:006

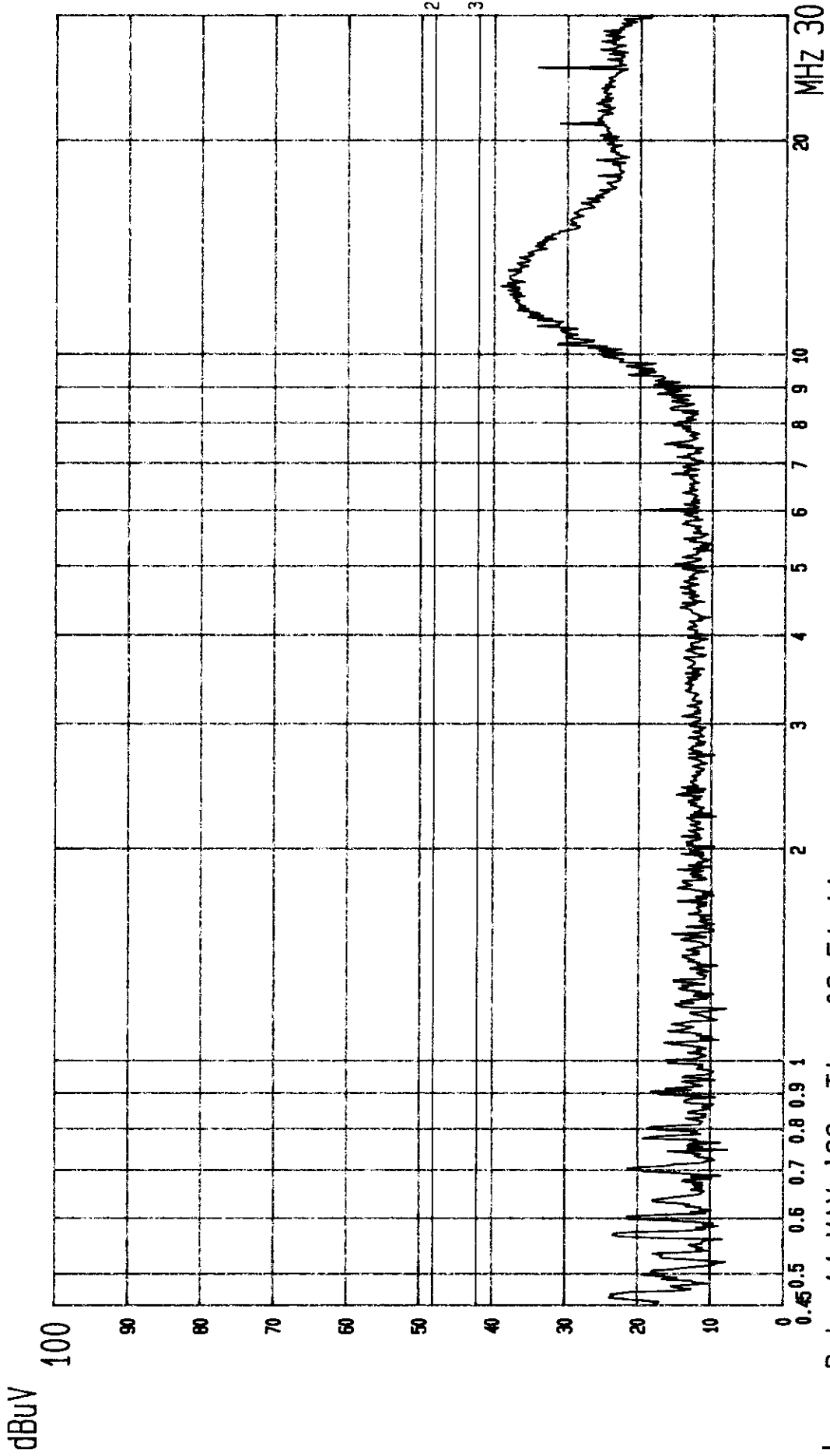




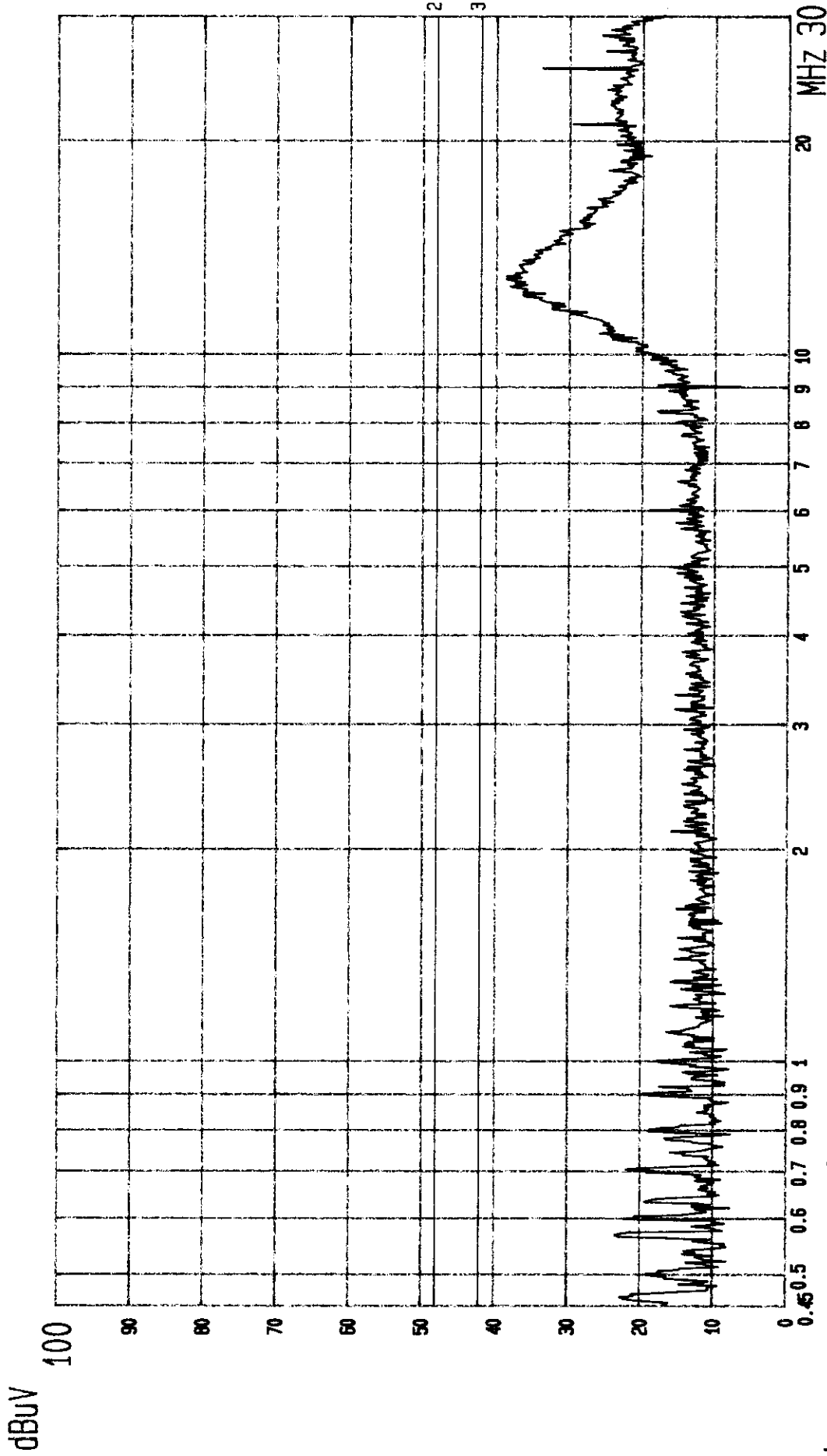
Date 14.MAY.'98 Time 09:45:47  
 FULL YES EUT:VGA CARD  
 LINE:VB MEMO:38KHZ(800X600;60HZ)  
 M/N:VGA 9850 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.  
 PAGE:005.



Date 14.MAY.'98 Time 09:49:39  
 FULL YES EUT: VGA CARD  
 LINE: VA. MEMO: 48KHZ (1024X768; 60HZ)  
 M/N: VGA 9850  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.  
 PAGE: 007.



Date 14.MAY.'98 Time 09:51:11  
 FULL YES EUT: VGA CARD  
 LINE: VB. MEMO: 48KHz (1024X768; 60Hz)  
 M/N: VGA 9850  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP. PAGE: 008.

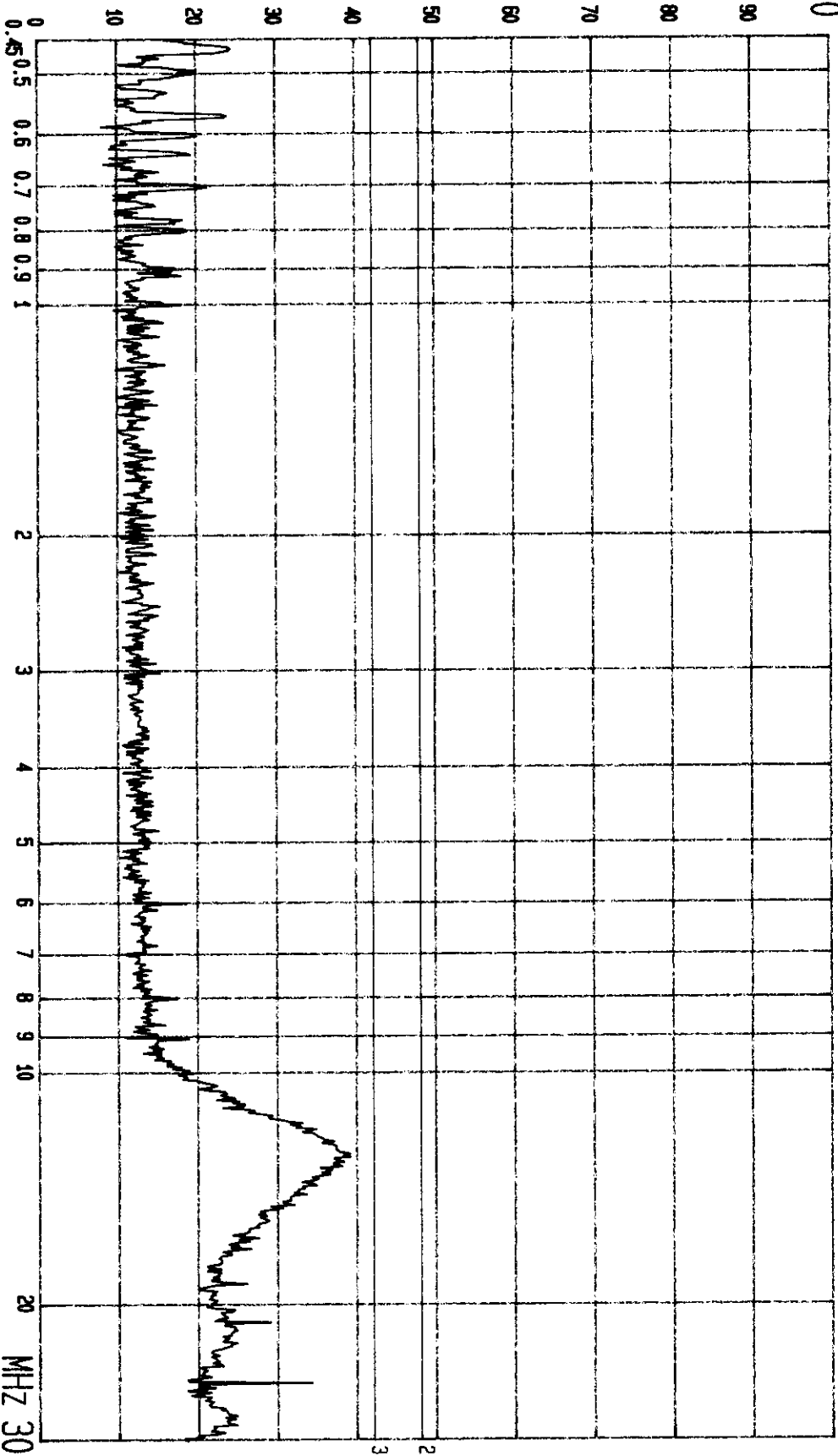


--- Date 14.MAY.'98 Time 09:54:39  
 FULL YES EUT:VGA CARD  
 LINE:VA. MEMO:56KHz (1024X768; 70Hz)

M/N:VGA 9850  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.  
 PAGE:010

dBuV

100



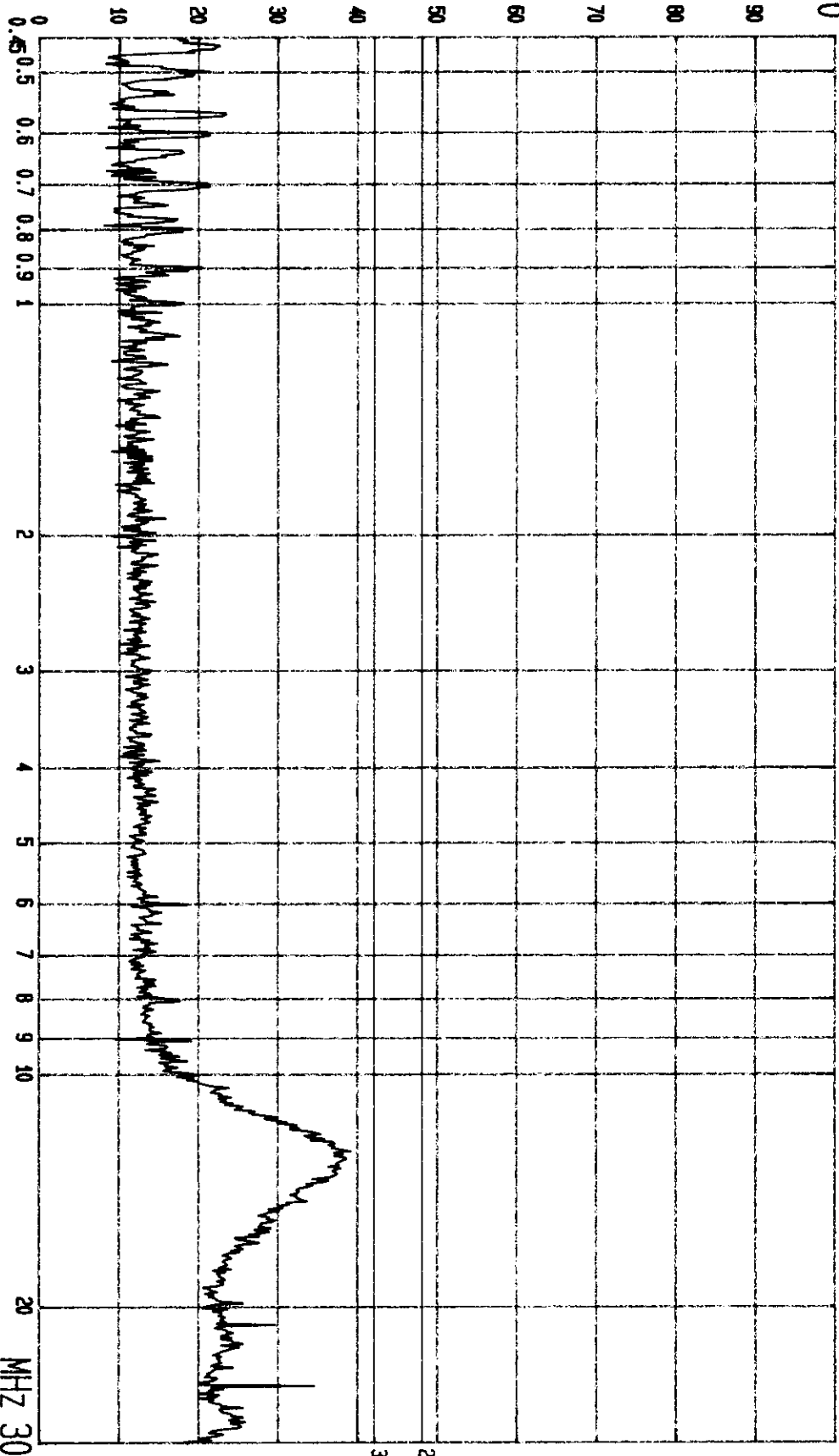
----- Date 14.MAY.'98 Time 09:53:02  
FULL YES  
LINE: VB. EUT: VGA CARD  
MEMO: 56KHZ (1024X768; 70HZ)

M/N: VGA 9850  
(PEAK VALUE) TAIWAN TOKIN EMC. ENG. CORP.

PAGE: 009.

dBuV

100



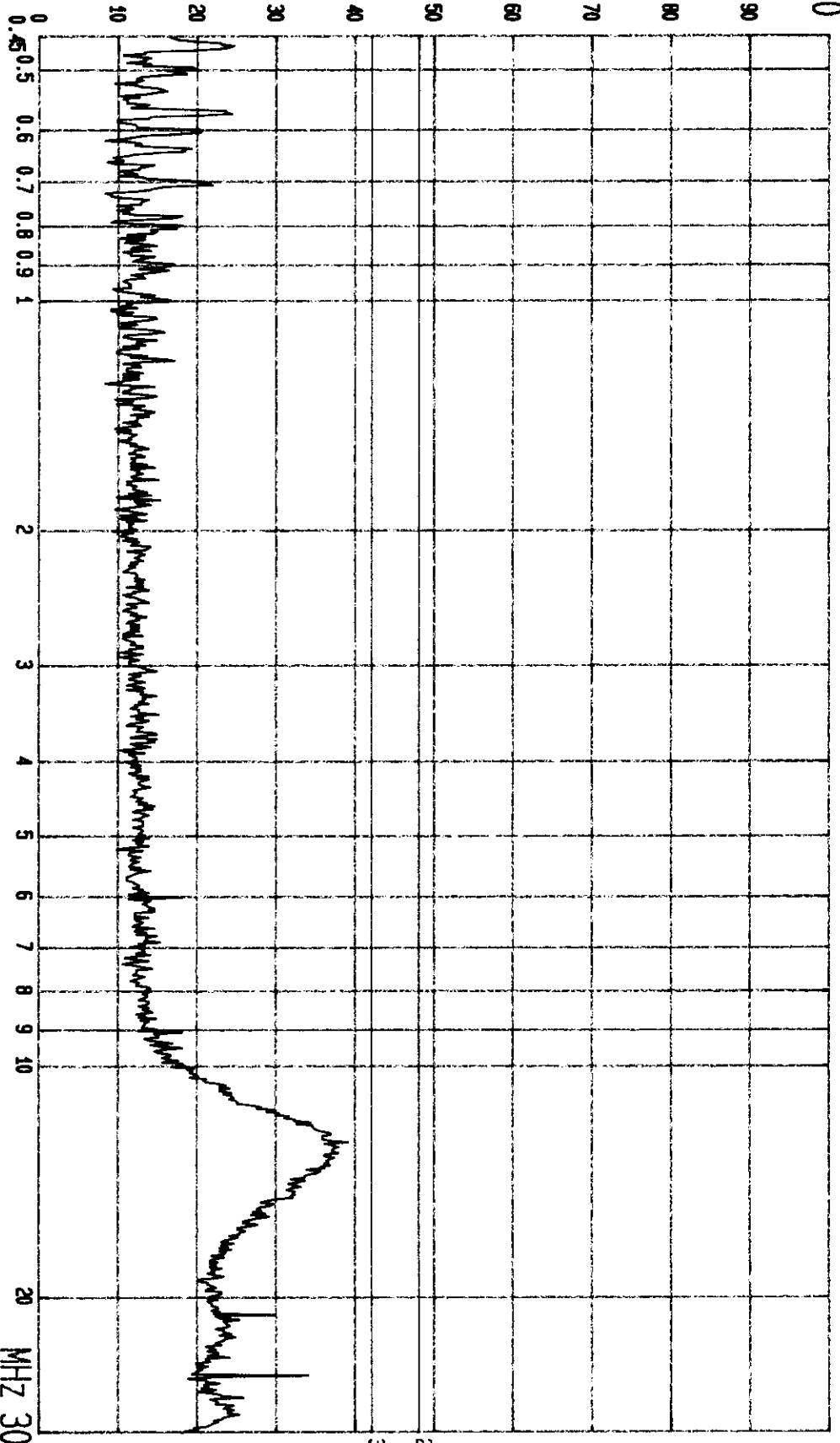
---- Date 14.MAY.'98 Time 09:56:32  
 FULL YES  
 LINE: VA. EUT: VGA CARD  
 MEMO: 64KHZ (1280X1024; 60HZ)

M/N: VGA 9850  
 (PEAK VALUE) TAIWAN TOKIN EMC.ENG.CORP.

PAGE: 011.

DBUV

100

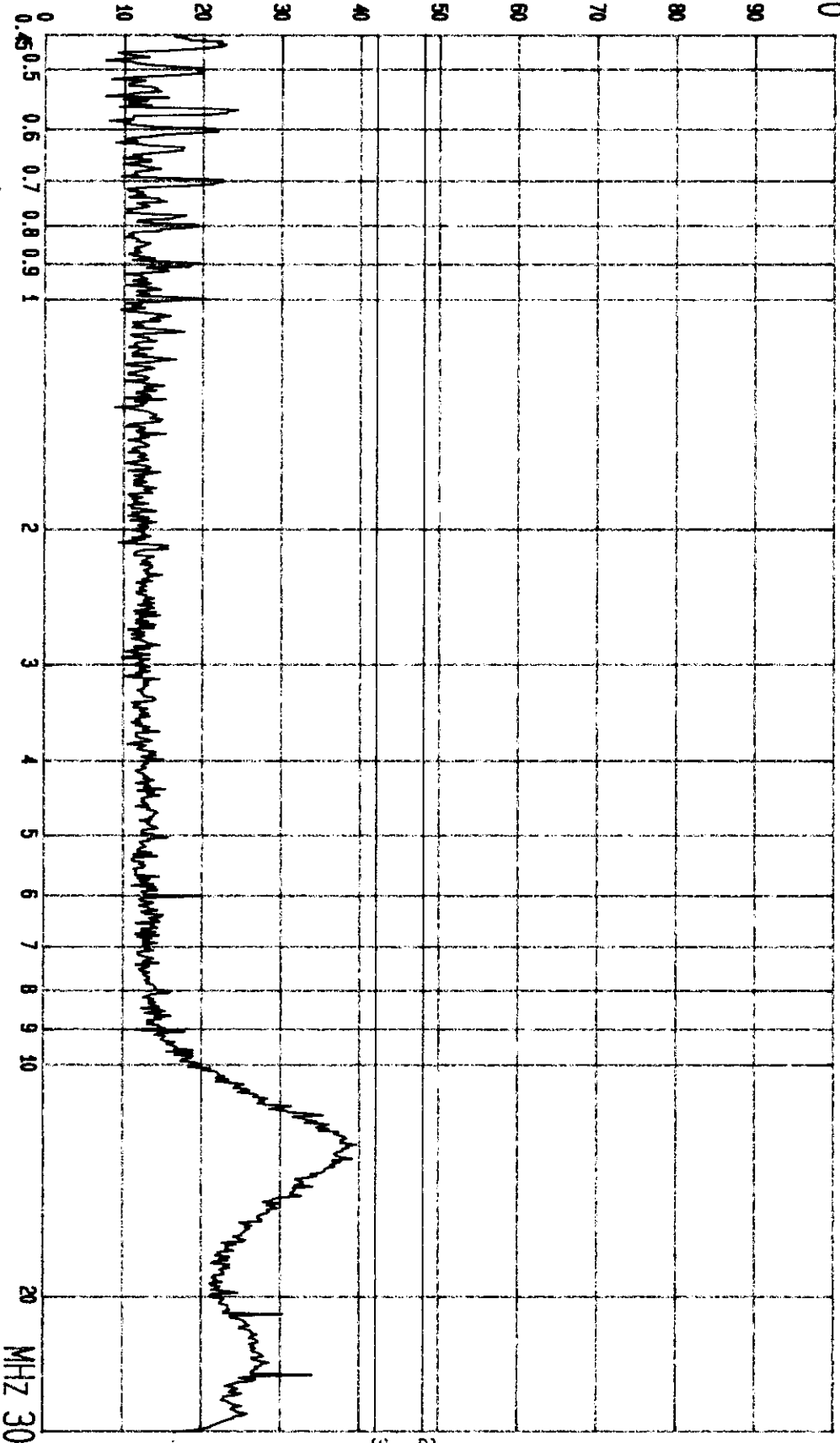


----- Date 14.MAY.'98 Time 09:58:11  
FULL YES  
EUT: VGA CARD  
LINE: VB. MEMO: 64KHZ (1280X1024; 60HZ)

M/N: VGA 9850  
(PEAK VALUE) TAIWAN TOKIN EMC. ENG. CORP.  
PAGE: 012.

DBU

100



----- Date 14.MAY.'98 Time 10:02:48  
FULL YES  
LINE: VA. EUT: VGA CARD  
MEMO: 93.7KHZ (1600X1200; 75HZ)

M/N: VGA 9850  
(PEAK VALUE)

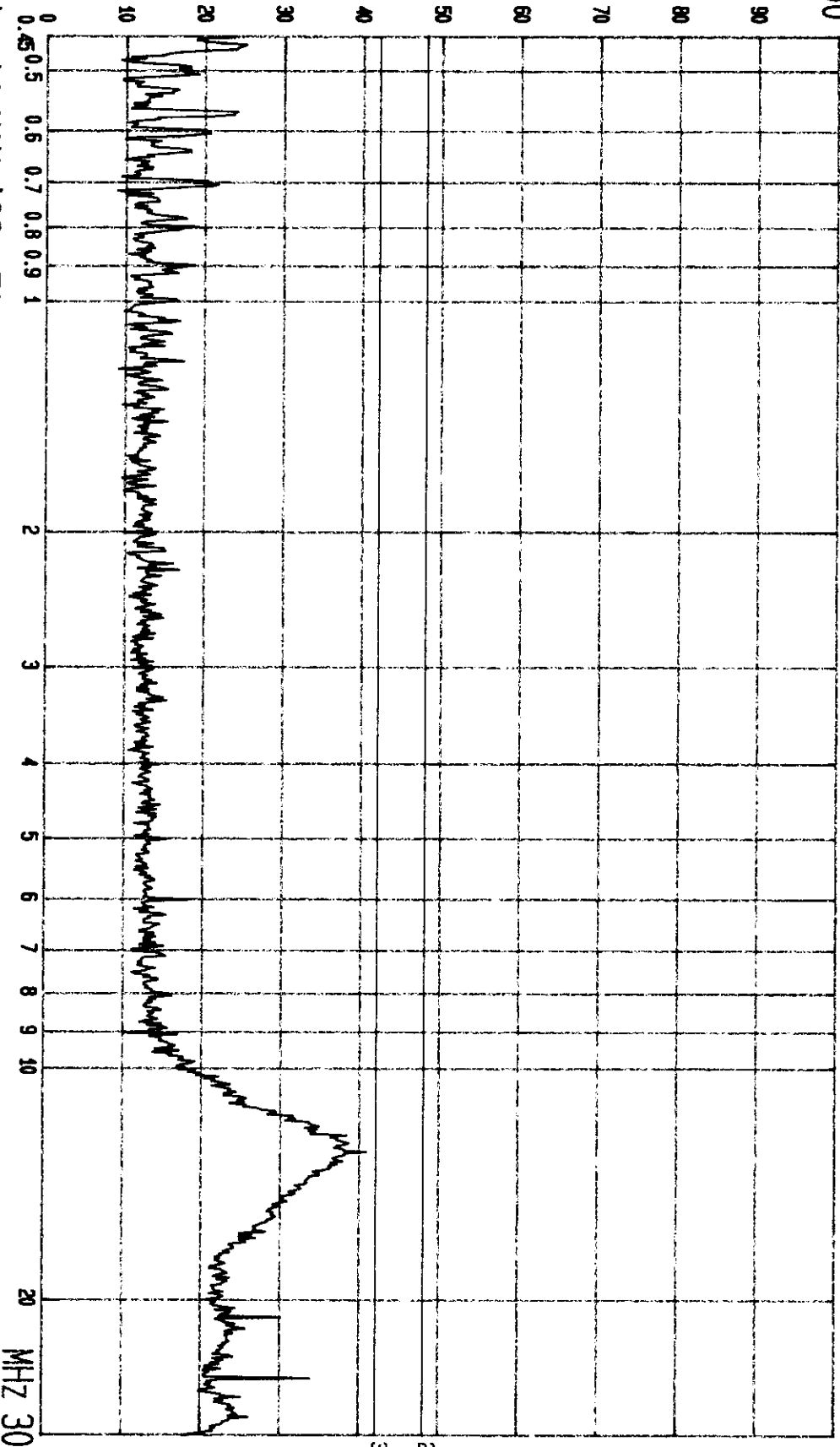
TAIWAN TOKIN EMC. ENG. CORP.

PAGE: 014.



dBuV

100



Date 14.MAY.'98 Time 10:01:15  
FULL YES  
LINE: VB.  
EUT: VGA CARD  
MEMO: 93.7KHz (1600X1200; 75Hz)

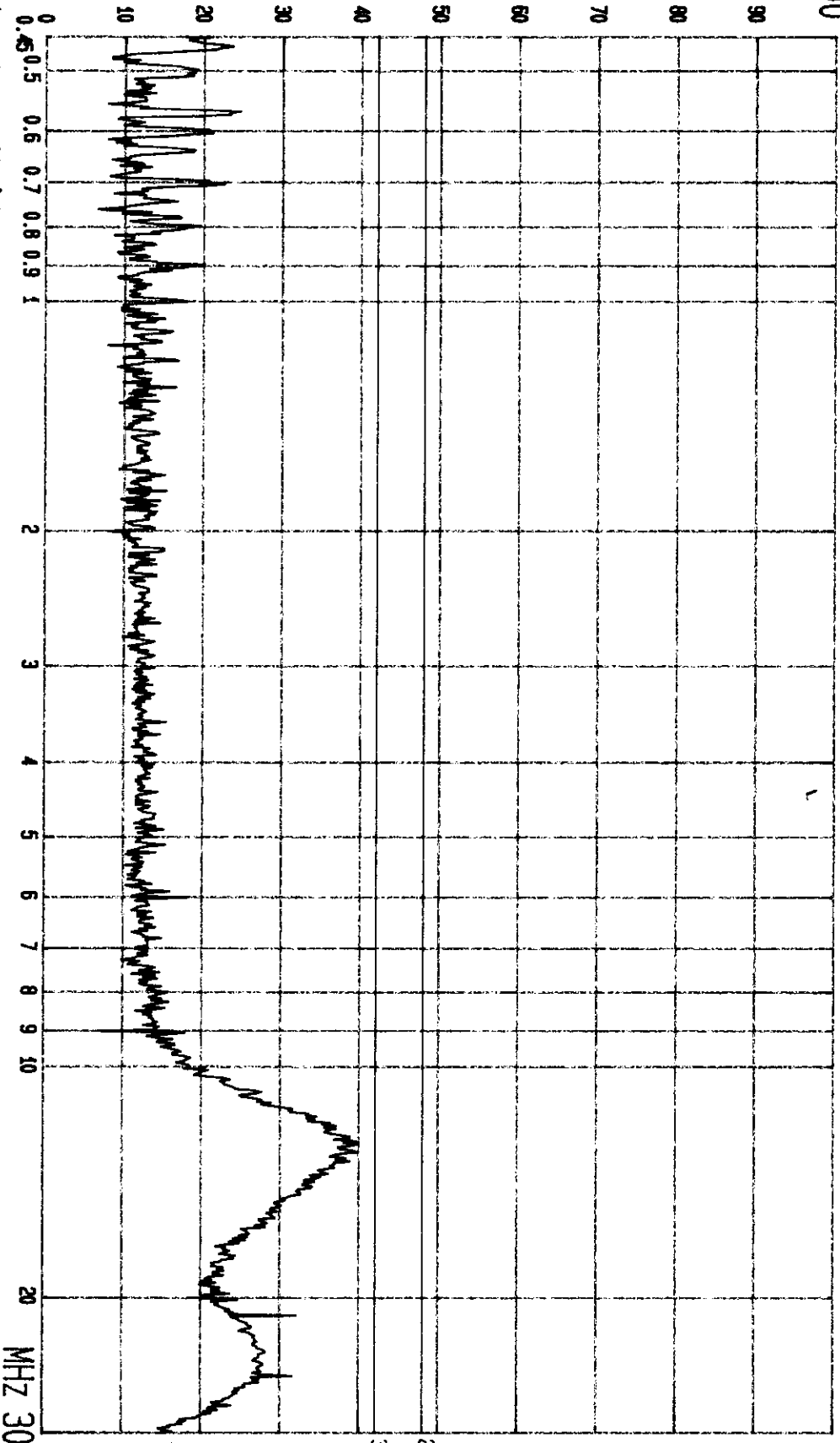
M/N: VGA 9850  
(PEAK VALUE)

TAIWAN TOKIN EMC.ENG.CORP.

PAGE: 013.

dBuV

100



---- Date 14.MAY.'98 Time 10:04:40  
FULL YES  
LINE: VA. EUT: VGA CARD  
MEMO: 107KHZ (1600X1200; 85HZ)

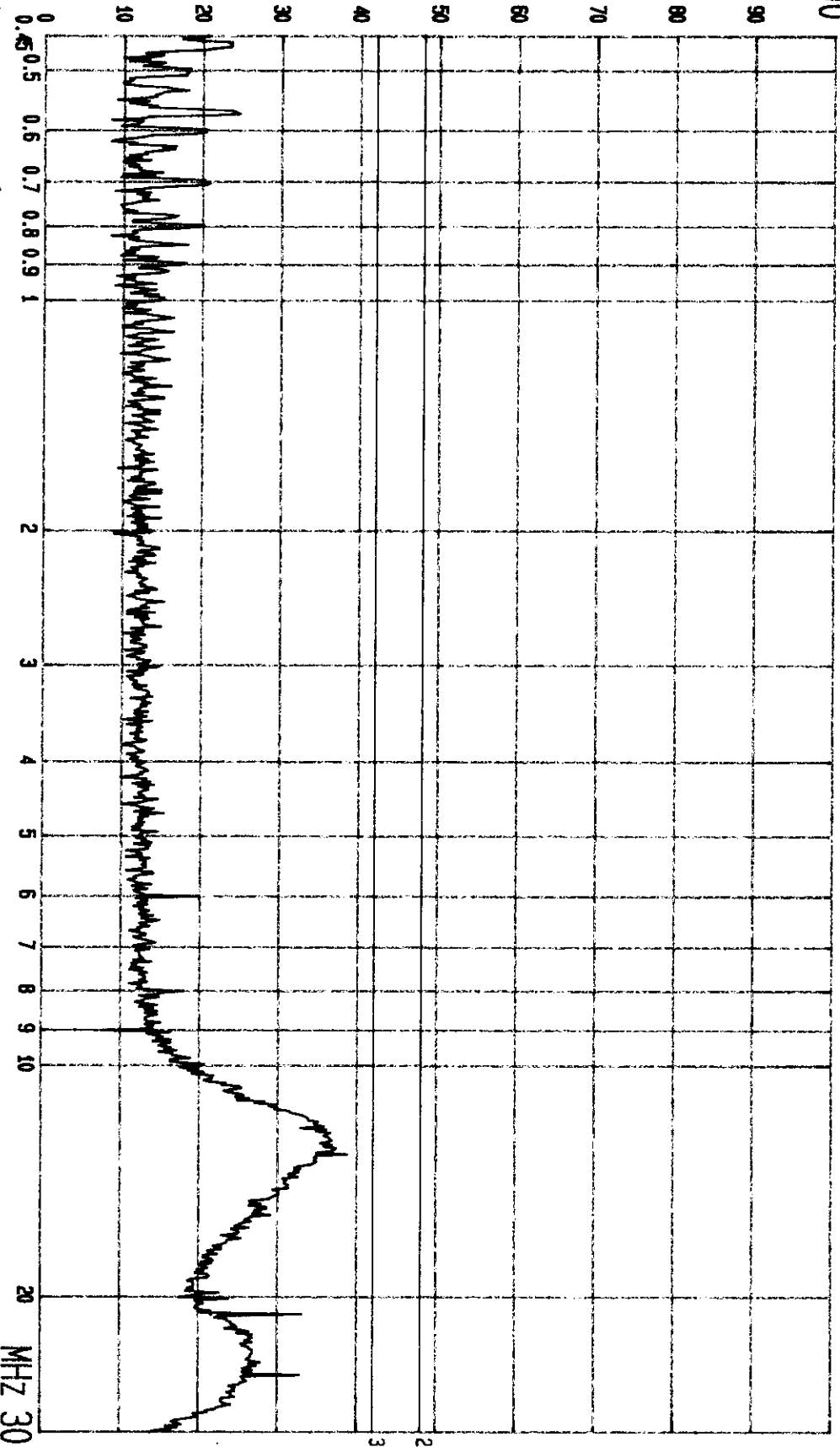
M/N: VGA 9850  
(PEAK VALUE)

TAIWAN TOKIN EMC. ENG. CORP.

PAGE: 015.

dBuV

100



---- Date 14.MAY.'98 Time 10:28:51  
FULL YES  
LINE: VB.

EUT: VGA CARD  
MEMO: 107KHZ (1600X1200; 85HZ)

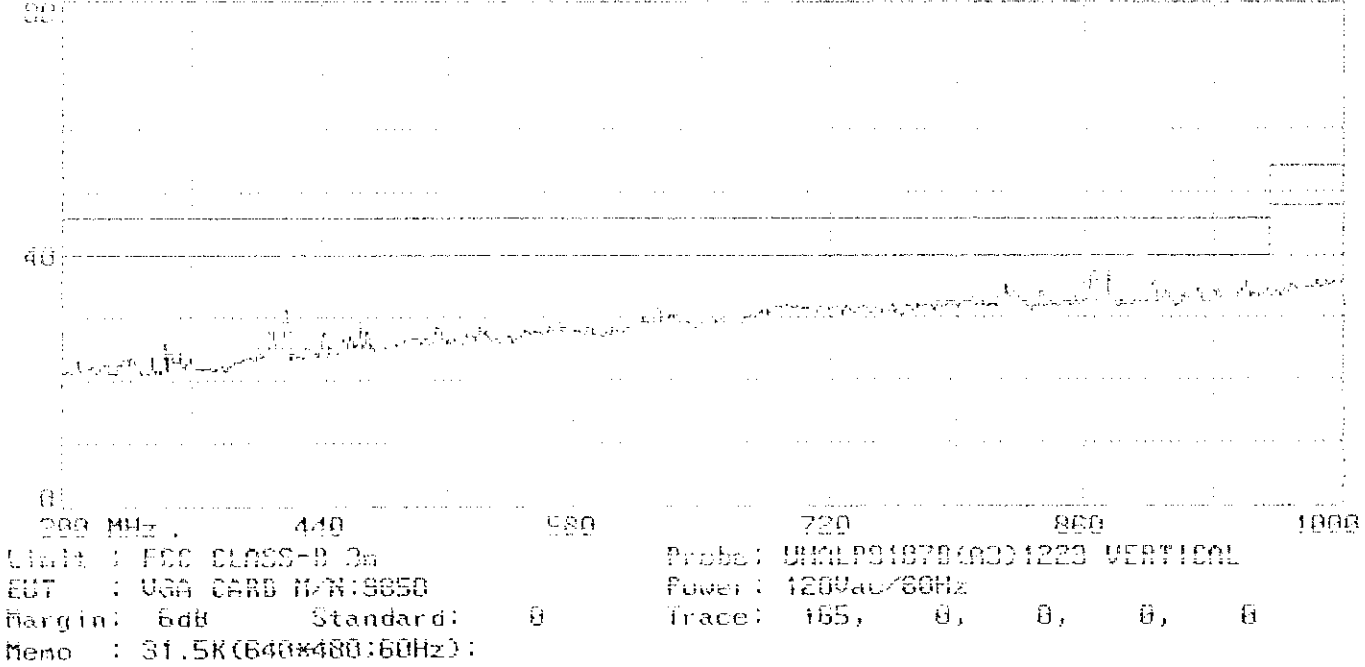
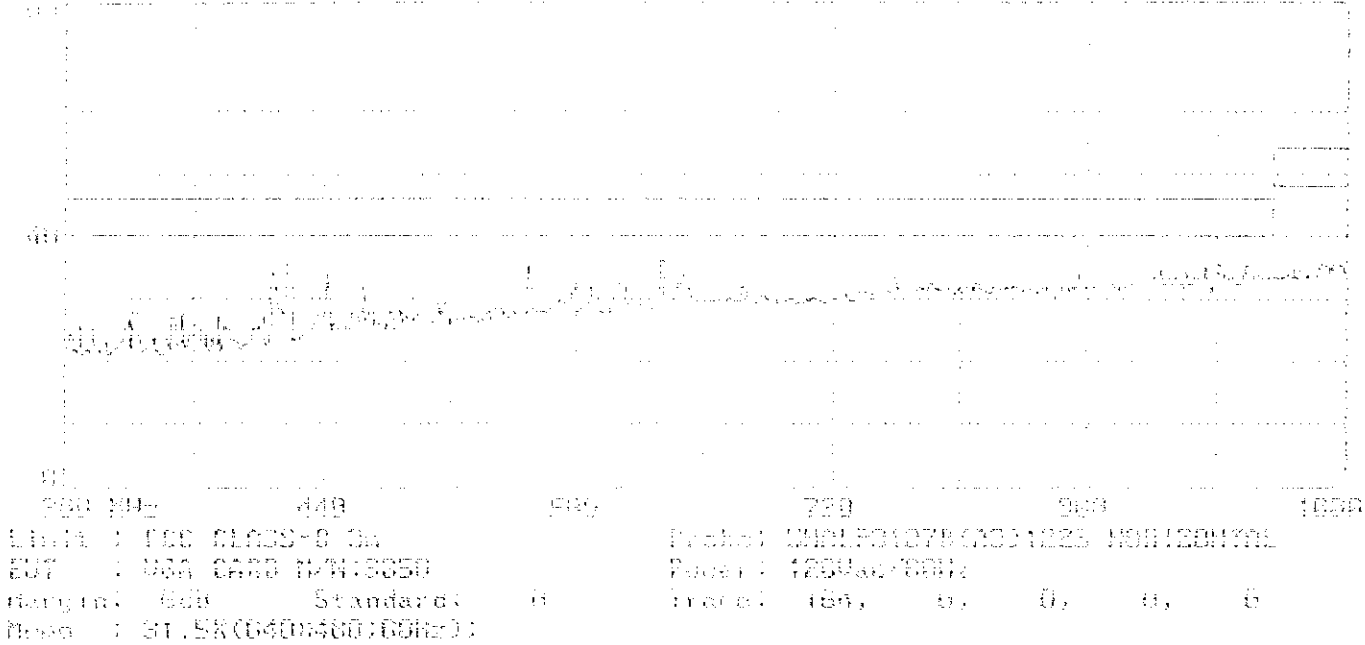
M/N: VGA 9850  
(PEAK VALUE)

TAIWAN TOKIN EMC. ENG. CORP.

PAGE: 016.

# APPENDIX II





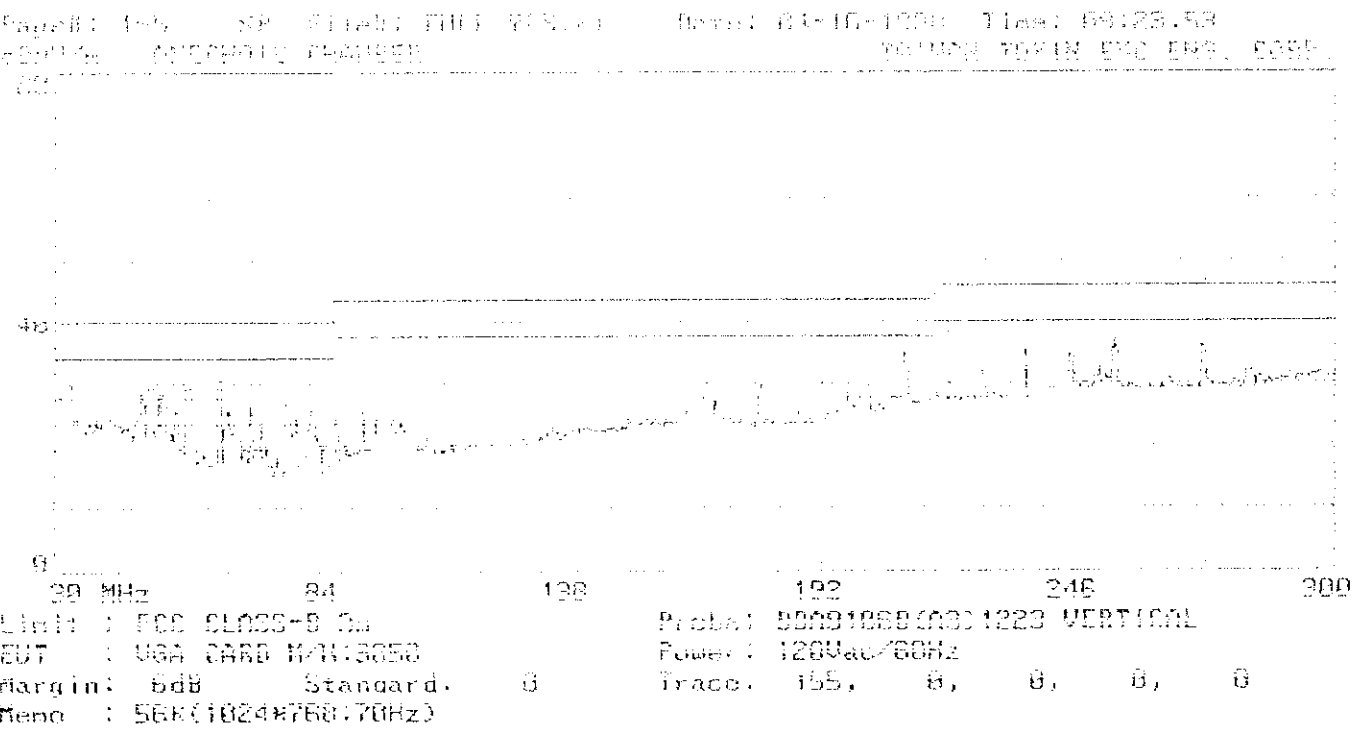
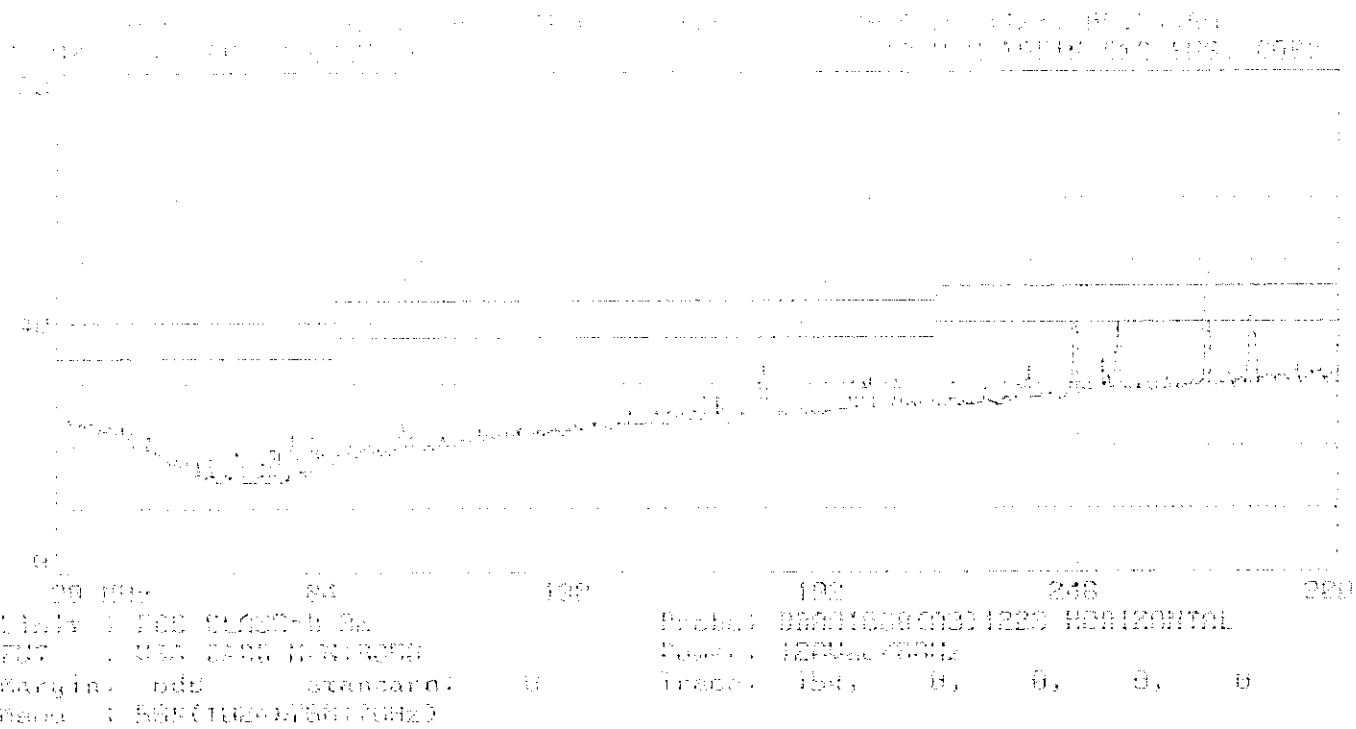




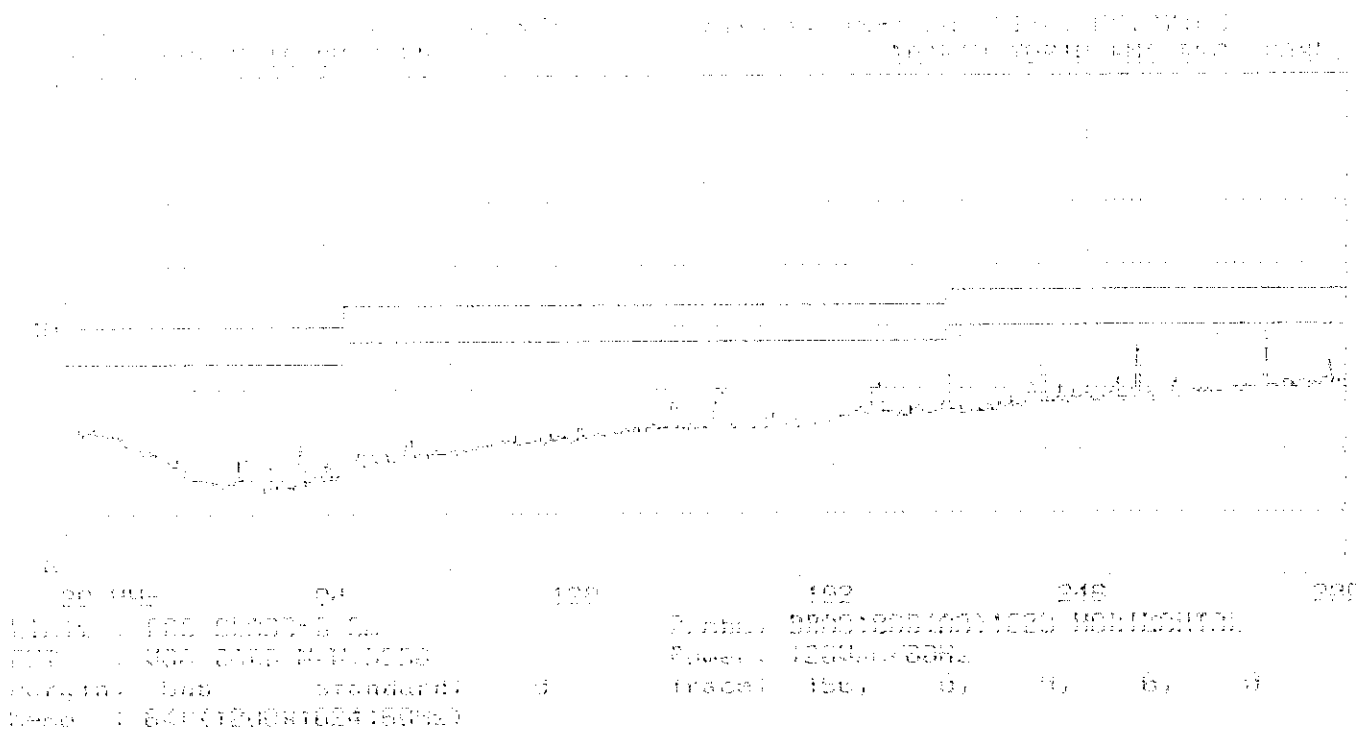




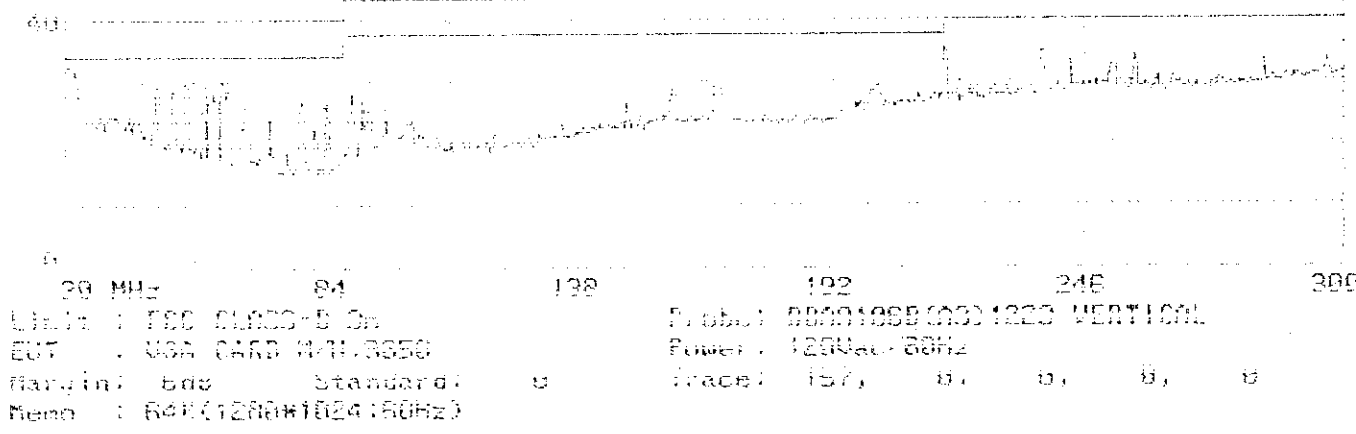








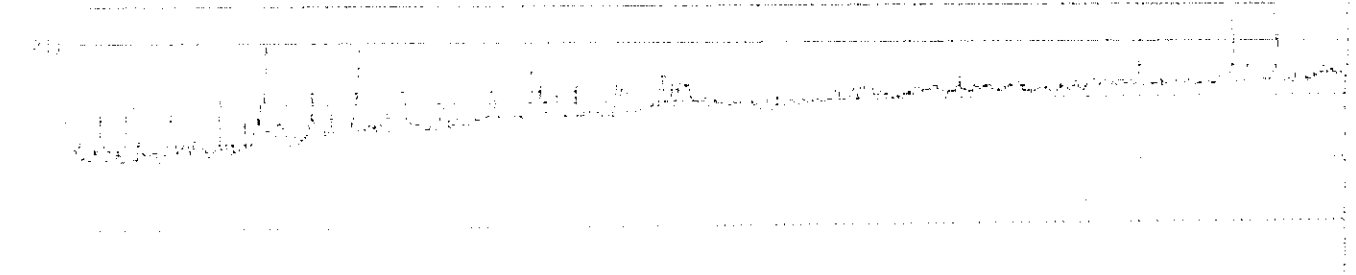
Page: 107 of Files: 611 of 1 Date: 04-10-1998 Time: 09:28:29  
 45004 GREENE (NOISE) TANNER TOWN EMC EMP COMP





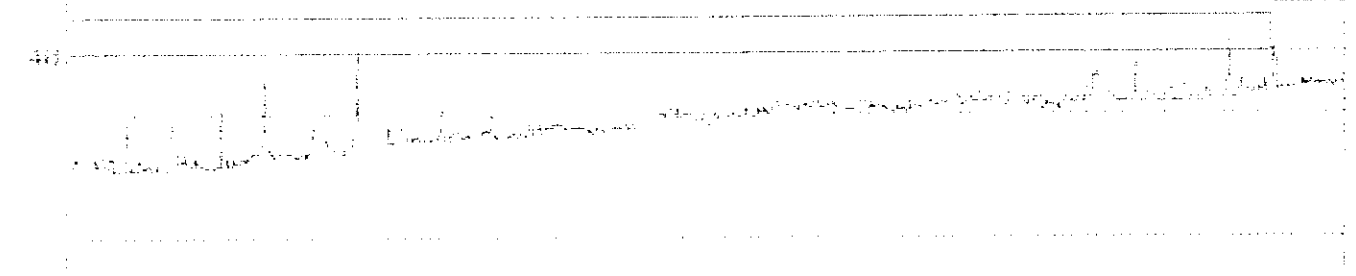


UNITED STATES GOVERNMENT  
 NATIONAL BUREAU OF STANDARDS  
 NBS-78-1800A (200-75MHz)



0 200 MHz 440 500 700 850 1000  
 Unit : FCC CLASS-B Ch  
 ZBT : USA CARB N/R-5850  
 Margin : 6dB Standard 0  
 Memo : 58.7K(1600\*(200/75MHz))  
 Probe: UNCLP9187B(03)1223 HORIZONTAL  
 Power: 120uW/60Hz  
 Trace: 100, 0, 0, 0, 0

Model: 100 S1 Filter: 400 999 #1 Date: 04-10-1998 Time: 00:03:30  
 40014 ANOMALY CHAMBER TAINEN TECH INC ENG CORR.

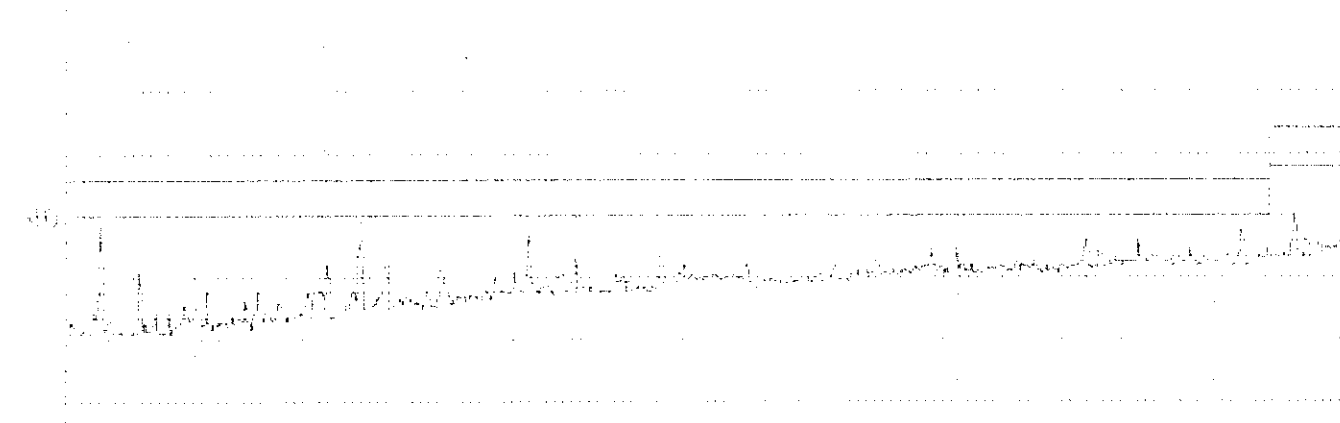


0 200 MHz 440 500 700 850 1000  
 Unit : FCC CLASS-B Ch  
 ZBT : USA CARB N/R-5850  
 Margin : 6dB Standard 0  
 Memo : 58.7K(1600\*(200/75MHz))  
 Probe: UNCLP9187B(03)1223 VERTICAL  
 Power: 120uW/60Hz  
 Trace: 100, 0, 0, 0, 0



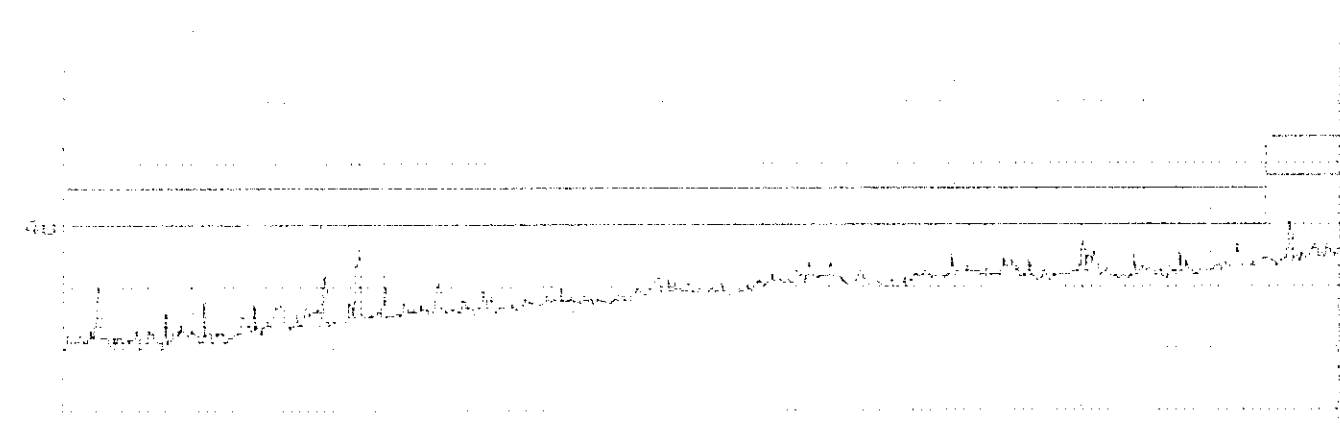


Report: 101 CP File#: 1011 YES 41 Date: 04-18-1998 Time: 09:18:05  
20MHz ANCHORIC CHANNEL TAIWAN TOXIN ENG. INC. CORP.



200 MHz 400 500 700 800 1000  
Limit : FCC CLASS-B 0m Probe: HP10LP01070 (03)1220 HORIZONTAL  
EUT : UGA CARD N-N10050 Power : 120Vac/60Hz  
Margin: 6dB Standard: 0 Trace: 100, 0, 0, 0, 0  
Memo : 107K (1600x1200:85Hz)

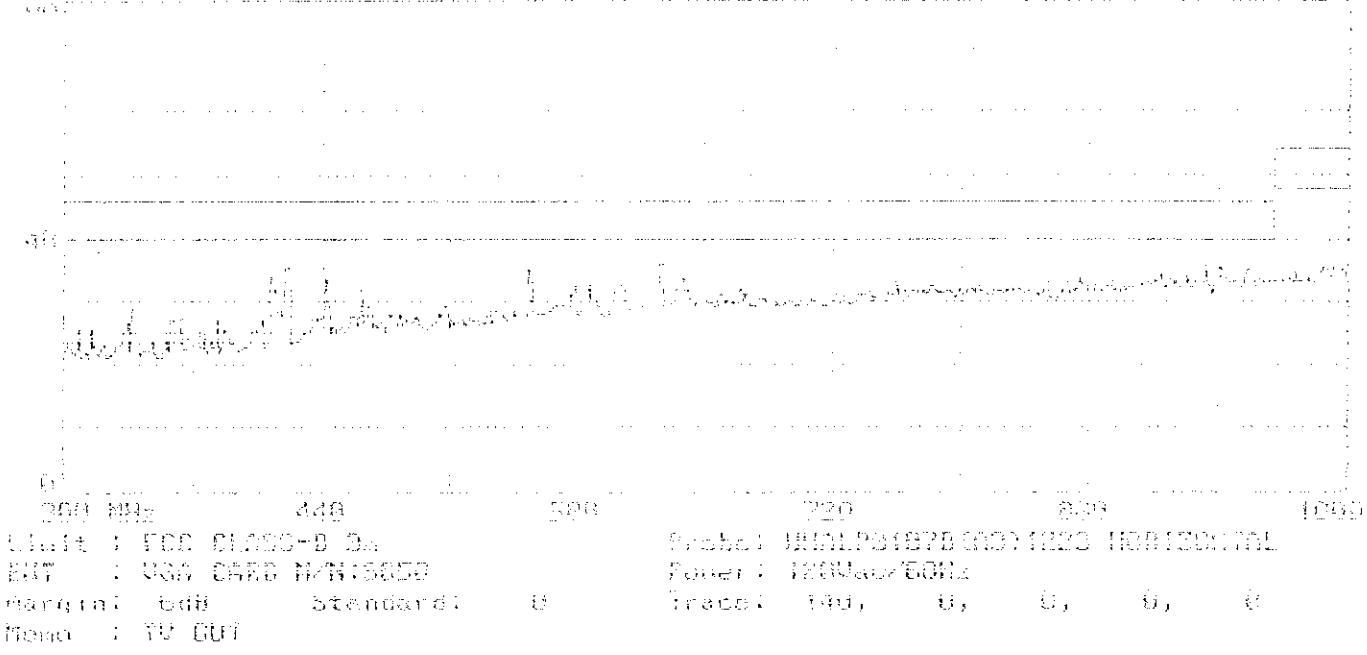
Report: 101 CP File#: 1011 YES 41 Date: 04-18-1998 Time: 09:18:05  
20MHz ANCHORIC CHANNEL TAIWAN TOXIN ENG. INC. CORP.



200 MHz 400 500 700 800 1000  
Limit : FCC CLASS-B 0m Probe: HP10LP01070 (03)1220 VERTICAL  
EUT : UGA CARD N-N10050 Power : 120Vac/60Hz  
Margin: 6dB Standard: 0 Trace: 101, 0, 0, 0, 0  
Memo : 107K (1600x1200:85Hz)



Page# 140 SP File# : FILE1 YES P1 Date: 00-07-1998 Time: 09:09:22  
Q100/A ANECHOIC CHAMBER 101001 TORIN ENG ENG, CORP.



Page# 141 SP File# : FILE1 YES P1 Date: 00-07-1998 Time: 09:09:22  
Q100/A ANECHOIC CHAMBER 101001 TORIN ENG ENG, CORP.

