

EXHIBIT 3

Test Report

Test Report

TTEMC-F98135

APPLICATION FOR CERTIFICATION
Class II Permissive Change
On Behalf of
Top Victory Electronics (Taiwan) Co., Ltd.
14" Color Monitor

Model : (1)14E4220T (2)14E4220W

FCC ID : ARSCM3560

Brand : PHILIPS

Prepared for : Top Victory Electronics (Taiwan) Co., Ltd.
6F, 168, Lien Chen Road, Chung-Ho,
Taipei Hsien, Taiwan, R.O.C.

Prepared By : Taiwan Tokin EMC Eng. Corp.
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Date of Test : Jul. 30 ~ Aug. 13, 1998
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TEST REPORT CERTIFICATION

(Class II Permissive Change)

Applicant : Top Victory Electronics (Taiwan) Co., Ltd.
 Manufacturer : Top Victory Electronics (Fujian) Co., Ltd.
 FCC ID : ARSCM3560
 EUT Description : 14" Color Monitor
 (A) MODEL NO. : (1)14E4220T (2)14E4220W
 (B) SERIAL NO. : N/A
 (C) BRAND : PHILIPS
 (D) POWER SUPPLY : 120V AC/60Hz

Measurement Procedure Used :

FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B OCTOBER 1997
 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 were contained in this test report and TAIWAN TOKIN EMC ENG. CORP. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC official limits. TAIWAN TOKIN EMC ENG. CORP. recommends that this data can be submitted for FCC certification purposes if a 6dB margin below FCC limits was 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 : Jul. 30 ~ Aug. 13, 1998

Prepared by : Julie Hsu 8/25/98
 (JULIE HSU)

Test Engineer : Allen Wang 8/25/98
 (ALLEN WANG)

Approve & Authorized Signer : Jackie Deng 8/25/98
 (JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	14" Color Monitor
Model Number	:	(1)14E4220T (Non-MPR Safety Version) (2)14E4220W (MPR-2 Safety Version)
FCC ID	:	ARSCM3560
Brand	:	PHILIPS
Applicant	:	Top Victory Electronics (Taiwan) Co., Ltd. 6F, 168, Lien Chen Road, Chung-Ho, Taipei Hsien, Taiwan, R.O.C.
Manufacturer	:	Top Victory Electronics (Fujian) Co., Ltd. Yuan Hong Rd., Sung-Zheng, Hong-Lu, Fuding City, Fujian, China.
CRT	:	Philips, M/N M34EDC13X36/F04
Data Cable	:	Shielded, Undetachable, 1.2m Bonded a ferrite core
Power Cord	:	Non-Shielded, Detachable, 1.8m
Date of Test	:	Jul. 30 ~ Aug. 13, 1998

Remark :

This EUT is a modified version of original FCC ID ARSCM3560. (M/N 4VlrA).
The difference are :

1. to add two models (1)14E4220T (2)14E4220W for Philips use.
2. to change the CRT's model from M34EDC13X into M34EDC13X36/F04.
3. to re-layout main board and video board.
4. Removed the Audio function, including the audio connector and speaker.

1.2. Tested Supporting System Details

1.2.1. PERSONAL COMPUTER

Model Number	:	810WW
Serial Number	:	TA434D0560
FCC ID	:	AO9-81XWW
Manufacturer	:	Digital
Switching Power Supply	:	Astec, M/N SA201-3450
Floppy Driver 3.5"	:	Mitsubishi, M/N MF355F-258MG,
Floppy Driver 5.25"	:	Teach, M/N FD-55GFR
Hard Disk Driver	:	Maxtor, M/N 7850AV
Disk Ctrl Card	:	Within Mother Board
Serial/Parallel Card	:	Within Mother Board
VGA Card	:	Dataexpert Corp. M/N DSV3365B, S/N E700298412 FCC ID LUT-DSV3365
Power Cord	:	Nonshielded, Detachable, 1.8m

1.2.2. KEYBOARD

Model Number	:	RT101
Serial Number	:	32240070
FCC ID	:	AQ6-MTN4XZ15
Manufacturer	:	DIGITAL
Data Cable	:	Shielded, Undetachable, 1.9m

1.2.3. PRINTER

Model Number	:	2225C
Serial Number	:	3121S96627
FCC ID	:	DSI6XU2225
Manufacturer	:	Hewlett Packard
Power Adapter	:	Hewlett Packard, M/N 82241A
Power Cord	:	Nonshielded, Undetachable, 2.0m
Data Cable	:	Shielded, Detachable, 1.2m

1.2.4. MODEM #1

Model Number	:	1414
Serial Number	:	950110299
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A Nonshielded, Undetachable, 1.8m

1.2.5. MODEM #2

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. MOUSE

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

1.3. Description of Test Facility

Site Description (No. 2 Open Site)	:	Jul. 15, 1996 Re-file oqn Federal Communication Commission FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, U.S.A.
Anechoic Chamber Description	:	Aug. 22, 1997 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

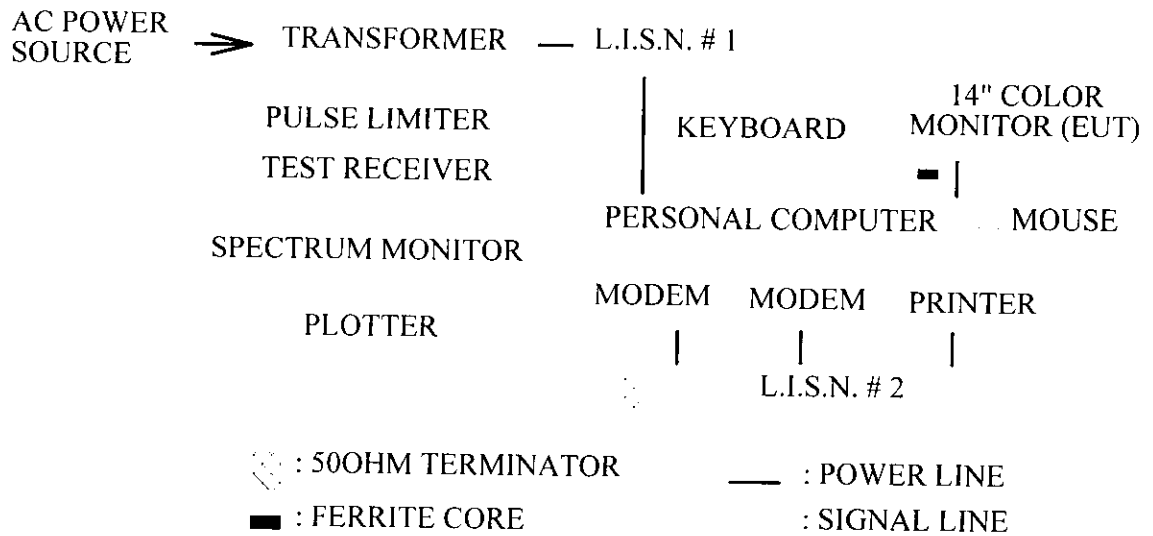
2.1. Test Equipment

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

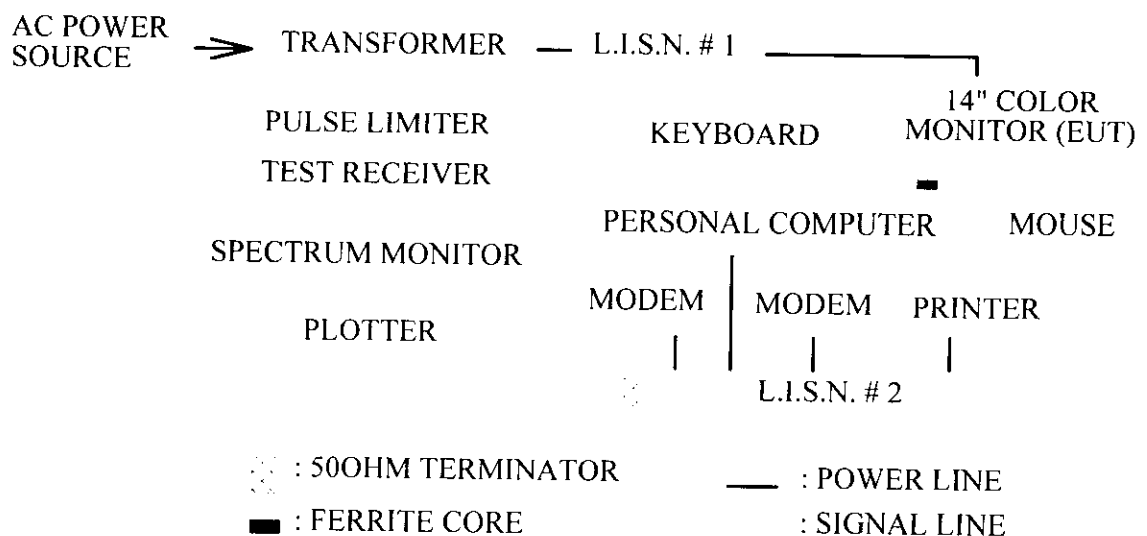
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESH3	886047/035	Jun.24, 98'	1 Year
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-855-9	Apr.14, 98'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-881-13	Apr.14, 98'	1 Year

2.2. Block Diagram of Test Setup

2.2.1.EUT Power Connects to PC AC Outlet and PC Power Connects to L.I.S.N.



2.2.2. EUT Power Connects to L.I.S.N. Directly



2.3. Powerline Conducted 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's Configuration during Compliance 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. 14" Color Monitor (EUT)

Model Number : 14E4220W (w/MPR-2 Safety Version)
 FCC ID : ARSCM3560
 Brand : PHILIPS
 Manufacturer : Top Victory Electronics (Fujian) Co., Ltd.
 CRT : Philips, M/N M34EDC13X36/F04
 Data Cable : Shielded, Undetachable, 1.2m
 Bonded a ferrite core
 Power Cord : Non-Shielded, Detachable, 1.8m

2.4.2. Supporting System : 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 equipments.
- 2.5.3. Personal Computer read data from disk.
- 2.5.4. Personal Computer sent "H" character to monitor (EUT) through VGA card and the screen displayed and filled with "H" pattern by EUT's resolution.
- 2.5.5. The other peripheral devices were driven and operated in turn during all testing.

2.6. Test Procedure

The EUT 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 of equipments and all of the interface cables were changed according to FCC ANSI C63.4-1992 on conducted measurement.

The bandwidth of the R&S Test Receiver ESH3 was set at 10KHz.

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

Five kinds of horizontal working frequency and display pattern were investigated during prescanning and report the two worst modes [(1) EUT's power cord connected to L.I.S.N. 46.87KHz/800*600 (2) EUT's power cord connected to PC 46.87KHz/800*600)] in section 2.7., the others test data are attached within Appendix I. The detail of test modes are as follows :

- (1) 31.47KHz (640*480, 60Hz)
- (2) 37.5KHz (640*480, 75Hz)
- (3) 43.3KHz (640*480, 85Hz)
- (4) 46.87KHz (800*600, 75Hz)
- (5) 53.67KHz (800*600, 85Hz)

2.7. Line Conducted RF Voltage Measurement Results

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

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

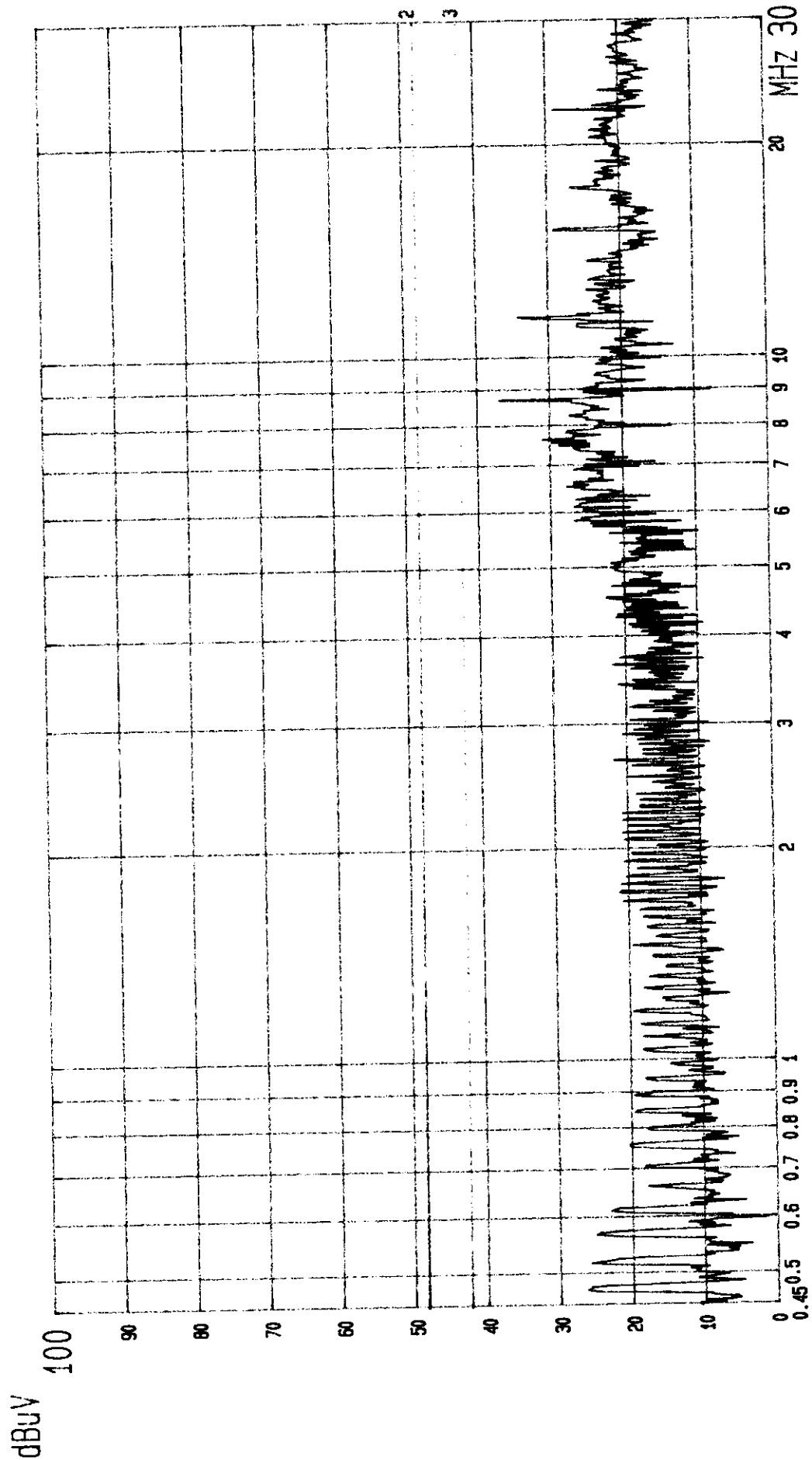
Date of Test : Aug. 13, 1998 Temperature : 27 °C

EUT : 14" Color Monitor Humidity : 50 %

Test Mode : 46.87KHz (800*600, 75Hz) / EUT's power connected to L.I.S.N.

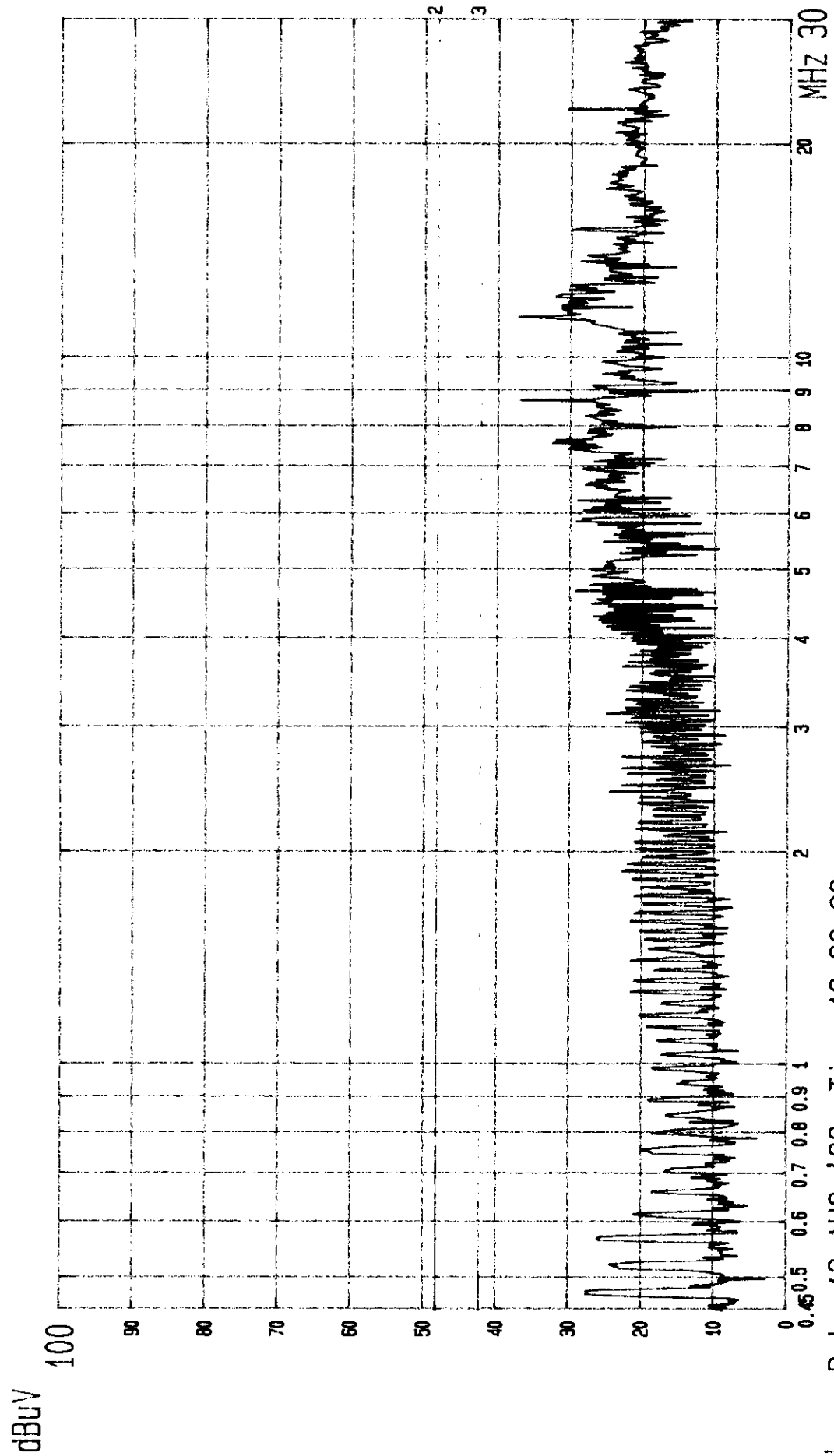
Frequency (MHz)	Factor dB	Measurement (dBuV)		Reading (dBuV)		Limits (dBuV)	Margin (dBuV)	
		VA	VB	VA	VB		VA	VB
0.4688	0.5	27.5	26.2	28.0	26.7	48.0	20.0	21.3
1.7356	0.5	18.2	*	18.7	*	48.0	29.3	*
3.1893	0.5	*	21.2	*	21.7	48.0	*	26.3
7.5980	0.8	*	27.3	*	28.1	48.0	*	19.9
7.6446	0.8	30.7	*	31.5	*	48.0	16.5	*
8.7257	0.8	36.1	*	36.9	*	48.0	11.1	*
8.7233	0.8	*	36.9	*	37.7	48.0	*	10.3
11.3972	1.0	30.6	*	31.6	*	48.0	16.4	*
11.4430	1.0	*	27.1	*	28.1	48.0	*	19.9
15.2414	1.0	28.9	*	29.9	*	48.0	18.4	*
22.4998	1.1	*	30.2	*	31.3	48.0	*	16.7

- Remark :
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 8.7233MHz with corrected signal level of 37.7dBuV (limit was 48dBuV) when the VB side of the EUT was connected to L.I.S.N.



----- Date 13.AUG '98 Time 13:29:27
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VA. MEMO: 46.87KHz (800X600; 75Hz)

PAGE: 007.
(PEAK VALUE) TTEMC.



L--- Date 13.AUG '98 Time 13:32:23
 Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
 LINE: VB. MEMO: 46.87KHz (800X600; 75Hz)
 (PEAK VALUE) TTEM C. PAGE: 008.

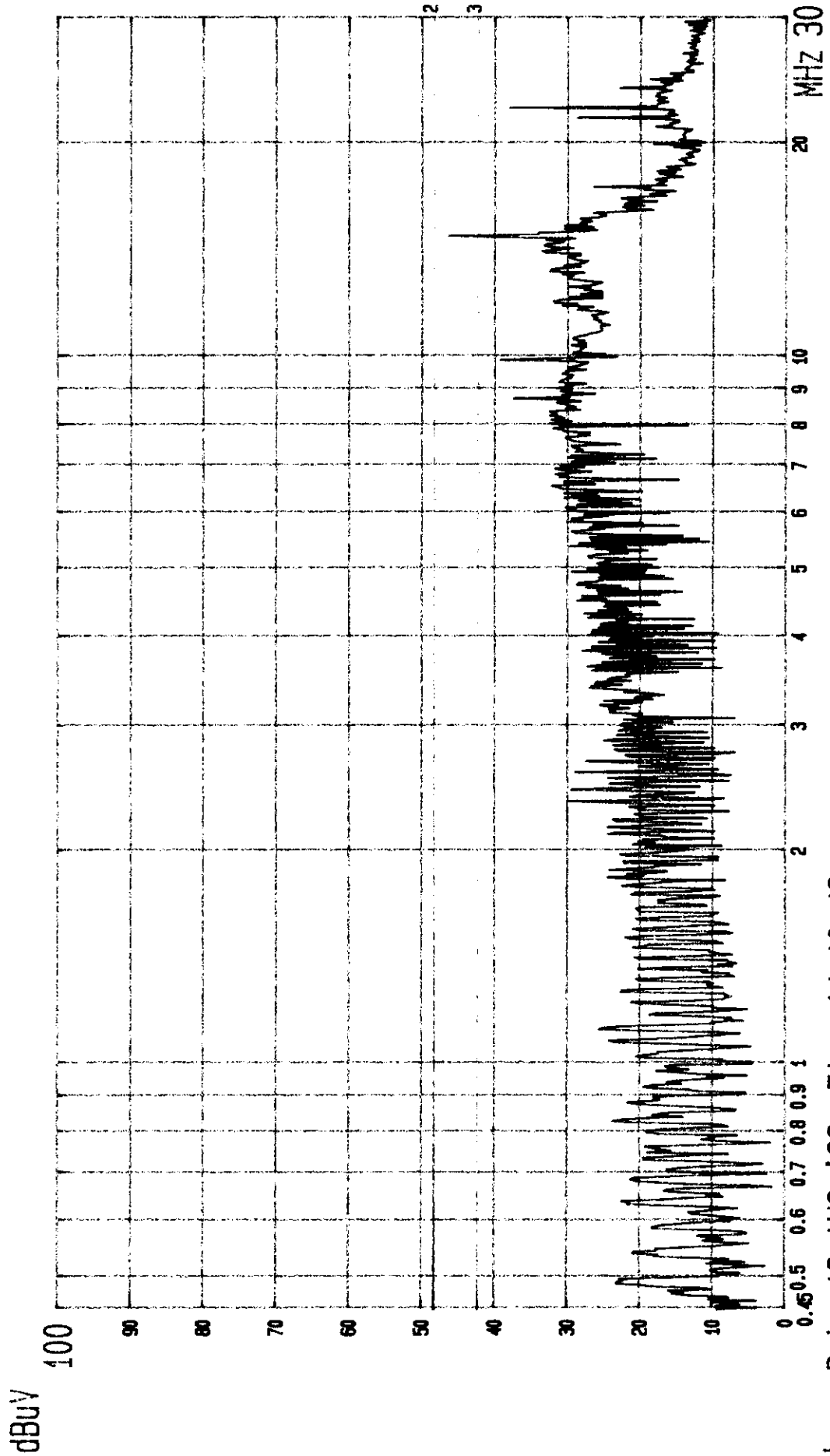
Date of Test : Aug. 13, 1998 Temperature : 27 °C

EUT : 14" Color Monitor Humidity : 50 %

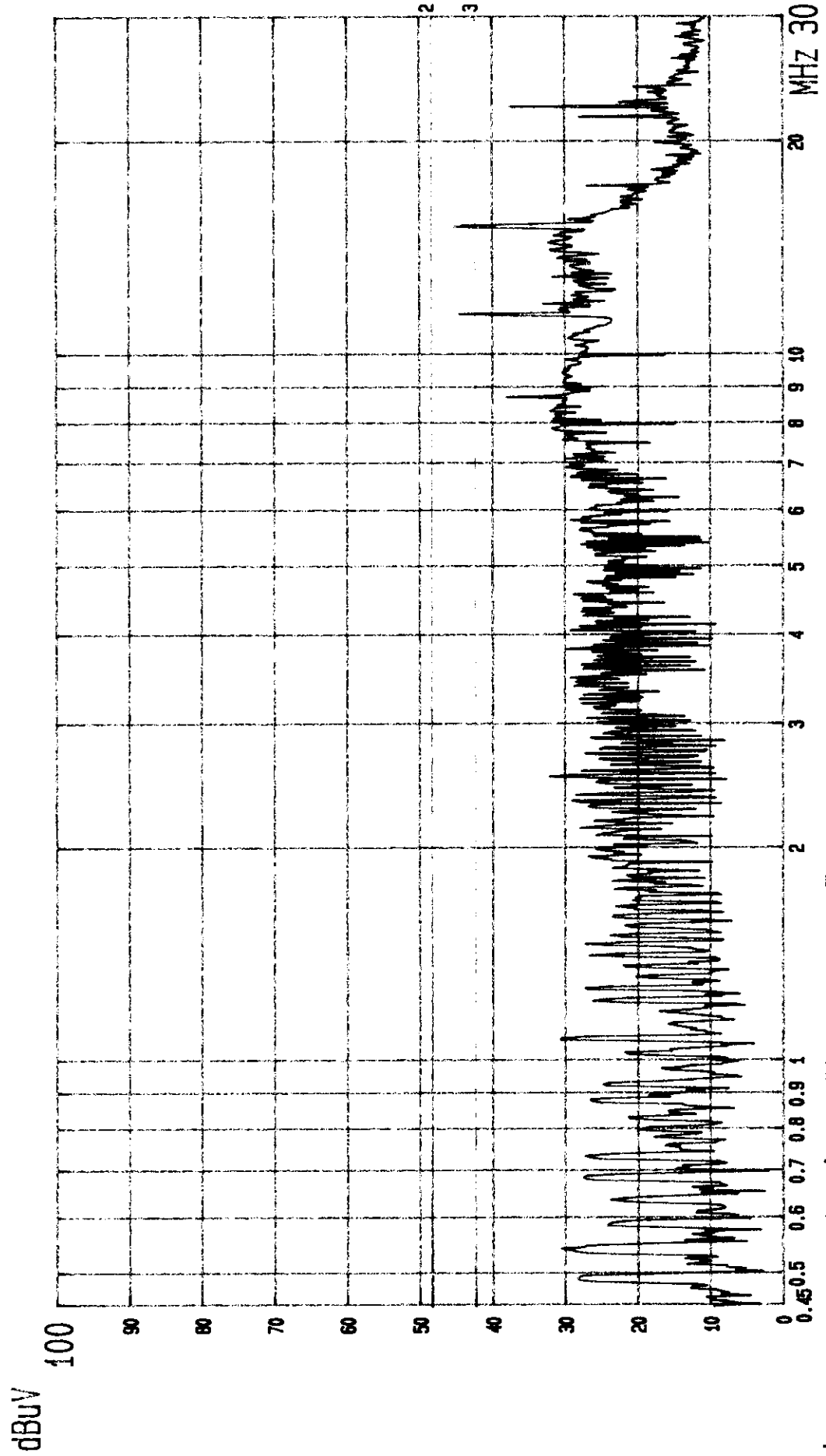
Test Mode : 46.87KHz (800*600, 75Hz) / EUT's power connected to PC

Frequency (MHz)	Factor dB	Measurement (dBuV)		Reading (dBuV)		Limits (dBuV)	Margin (dBuV)	
		VA	VB	VA	VB		VA	VB
0.4862	0.5	22.2	*	22.7	*	48.0	25.3	*
0.5348	0.5	*	28.6	*	29.1	48.0	*	18.9
1.0697	0.5	*	29.5	*	30.0	48.0	*	18.0
1.1183	0.5	23.8	*	24.3	*	48.0	23.7	*
2.3451	0.5	26.7	*	27.2	*	48.0	20.8	*
2.5287	0.5	*	28.3	*	28.8	48.0	*	19.2
8.7184	0.8	*	37.1	*	37.9	48.0	*	10.1
9.8959	0.8	39.1	*	39.9	*	48.0	8.1	*
11.4436	1.0	*	43.6	*	44.6	48.0	*	3.4
14.8672	1.0	44.8	*	45.8	*	48.0	2.2	*
15.2432	1.0	*	45.5	*	46.5	48.0	*	1.5
22.4998	1.1	38.2	*	39.3	*	48.0	8.7	*

- Remark :
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 14.8672MHz with corrected signal level of 47.8dBuV (limit was 48dBuV) when the VA side of the EUT was connected to PC.



Date 13.AUG '98 Time 14:10:46
 Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
 LINE: VA. MEMO: 46.87KHz (800X600; 75Hz); EUT TO PC
 (PEAK VALUE) TTEMPC. PAGE: 007.



----- Date 13.AUG '98 Time 14:03:45
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VB. MEMO: 46.87KHz (800X600; 75Hz); EUT TO PC
(PEAK VALUE) TTEMC. PAGE: 008.

3. RADIATED EMISSION TEST

3.1. Test Equipment

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

3.1.1. For Anechoic Chamber :

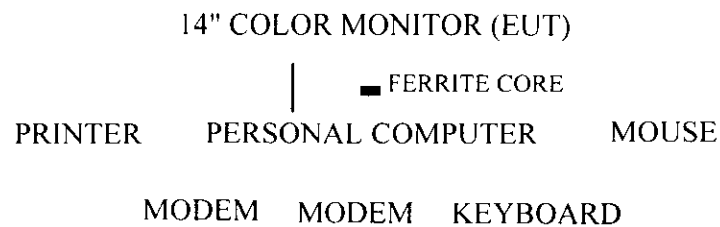
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8593A	3212A01727	Aug.02, 97'	1 Year
2.	Pre-Amplifier	HP	8447D	2944A06305	May 13, 98'	1 Year
3.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Dec.24, 97'	1 Year
4.	Broadband Antenna	Schwarzbeck	UHALP 9107	A3H	Dec.24, 97'	1 Year

3.1.2. For 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 & Anechoic Chamber Setup Diagram

ANTENNA TOWER

ANTENNA ELEVATION VARIES FROM 1METER TO 4 METER

3 METERS

EUT

0.8
METER

TURN TABLE

GROUND PLANE

3.3. Radiation Limit (CLASS B)

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMITS	
MHz	Meters	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's Configuration during Compliance Measurement

The configuration of EUT and its simulators were 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 is 0.8 meter above ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT is 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 on radiated measurement.

The bandwidth of the R&S Test Receiver ESVP was set at 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) 31.47KHz (640*480, 60Hz)
- (2) 37.5KHz (640*480, 75Hz)
- (3) 43.3KHz (640*480, 85Hz)
- (4) 46.87KHz (800*600, 75Hz)
- (5) 53.67KHz (800*600, 85Hz)

Finally, remeasured the worst mode (53.67KHz/800*600) operating situation at No. 2 Open Field Test Site and all the test results were 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 reported below are too low against the FCC CLASS B limit..

Date of Test : Aug. 06, 1998 Temperature : 28 °C
 EUT : 14" Color Monitor Humidity : 64 %
 Test Mode : 53.67KHz (800*600 ; 85Hz)

Frequency MHz	Antenna	Cable	Meter Reading	Emission Level		Margin dBuV/m
	Factor dB/m	Loss dB	Horizontal dBuV	Horizontal dBuV/m	Limits dBuV/m	
43.276	18.88	1.85	- 1.95	18.78	40.00	21.22
64.510	11.32	2.24	1.79	15.35	40.00	24.65
68.470	11.47	2.31	2.39	16.17	40.00	23.83
69.547	11.67	2.35	2.39	16.41	40.00	23.59
73.923	12.30	2.36	2.13	16.79	40.00	23.21
* 82.673	14.51	2.53	9.78	26.82	40.00	13.18
87.049	15.55	2.60	6.99	25.14	40.00	14.86
130.801	20.36	3.22	- 2.24	21.34	43.50	22.16
165.804	21.27	3.69	- 2.13	22.83	43.50	20.67
218.307	22.52	4.25	- 2.28	24.49	46.00	21.51
253.309	23.35	4.62	- 2.11	25.86	46.00	20.14
262.060	24.03	4.75	- 2.18	26.60	46.00	19.40
314.558	13.48	5.28	- 1.25	17.51	46.00	28.49
349.560	14.76	5.73	- 1.85	18.64	46.00	27.36
380.187	16.59	5.92	0.88	23.39	46.00	22.61
450.192	17.31	6.67	- 2.22	21.76	46.00	24.24
467.693	17.31	6.79	- 2.74	21.36	46.00	24.64

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 82.673MHz with corrected signal level of 26.82dBuV/m (limit is 40dBuV/m) when the antenna was at horizontal polarization and was at 2.5m high and the turn table was at 220 ° .
 3. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Date of Test : Aug. 06, 1998 Temperature : 28 °C
 EUT : 14" Color Monitor Humidity : 64 %
 Test Mode : 53.67KHz (800*600 ; 85Hz)

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBuV	Emission Level Vertical dBuV/m	Limits dBuV/m	Margin dBuV/m
43.296	16.99	1.85	- 1.10	17.74	40.00	22.26
57.910	13.65	2.20	9.69	25.54	40.00	14.46
65.172	12.46	2.35	12.98	27.79	40.00	12.21
67.800	12.79	2.33	11.42	26.54	40.00	13.46
69.547	13.09	2.35	10.69	26.13	40.00	13.87
82.673	15.51	2.53	11.17	29.21	40.00	10.79
* 87.049	15.89	2.60	14.90	33.39	40.00	6.61
148.302	20.08	3.40	- 2.04	21.44	43.50	22.06
178.929	21.57	3.82	- 2.11	23.28	43.50	20.22
196.431	20.56	4.01	- 2.07	22.50	43.50	21.00
227.057	22.07	4.37	- 2.26	24.18	46.00	21.82
262.060	24.26	4.75	- 2.20	26.81	46.00	19.19
323.311	14.27	5.34	- 1.69	17.92	46.00	28.08
384.565	15.68	5.94	- 2.38	19.24	46.00	26.76
428.318	16.08	6.27	- 2.57	19.78	46.00	26.22
489.572	17.72	7.03	- 2.75	22.00	46.00	24.00

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 87.049MHz with corrected signal level of 33.39dBuV/m (limit is 40dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 30 ° .
 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 ferrite bead between R955 and Pin 11 of T901.
2. Added a 10000pF bypass capacitor on the Pin 1 of H803.
3. Added a 10000pF bypass capacitor on the Pin 4 of H803.

5. DEVIATION TO TEST SPECIFICATIONS

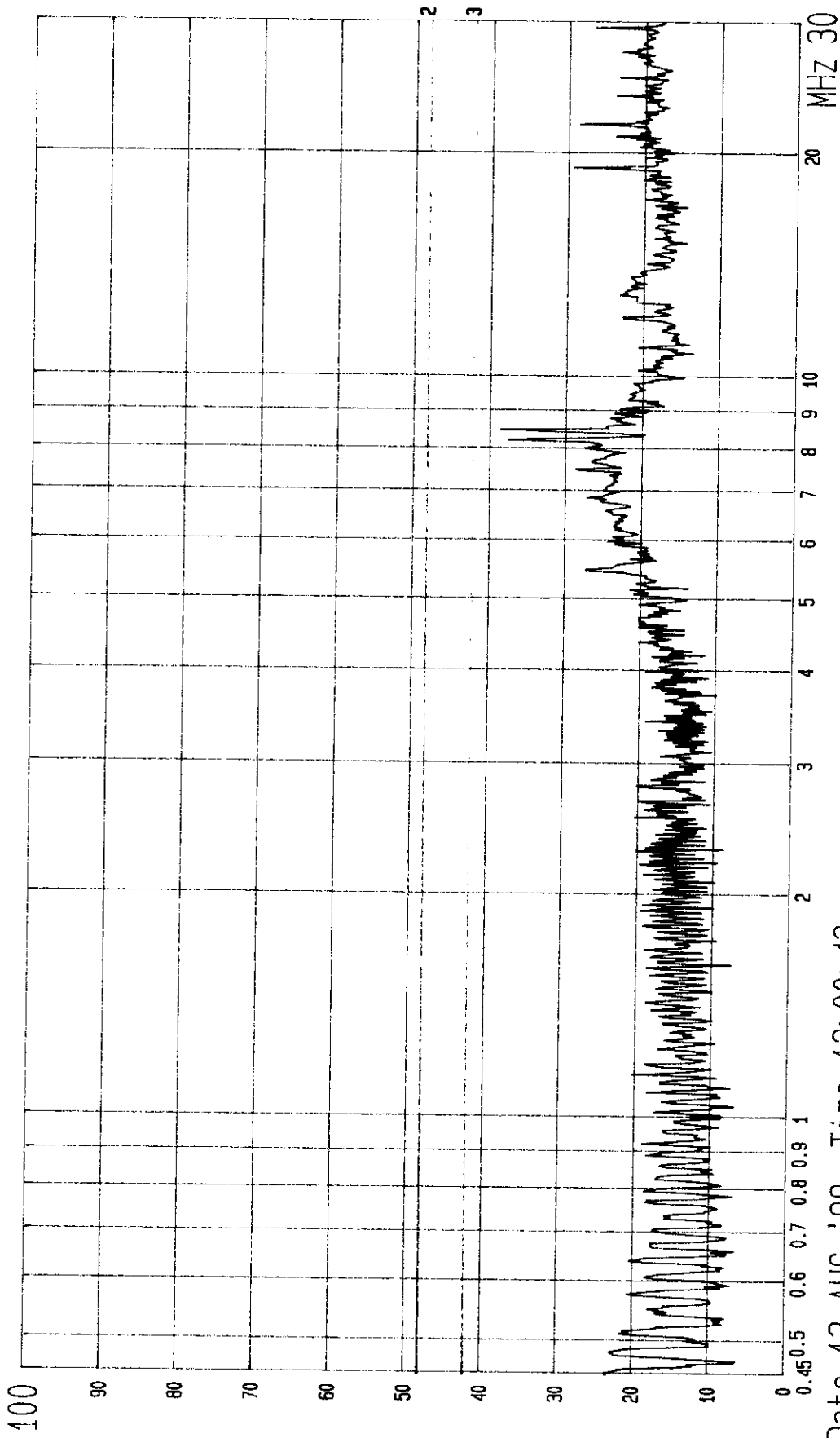
【 NONE 】

APPENDIX I

(Conducted Test Data)

(Total Page : 16)

dBuV



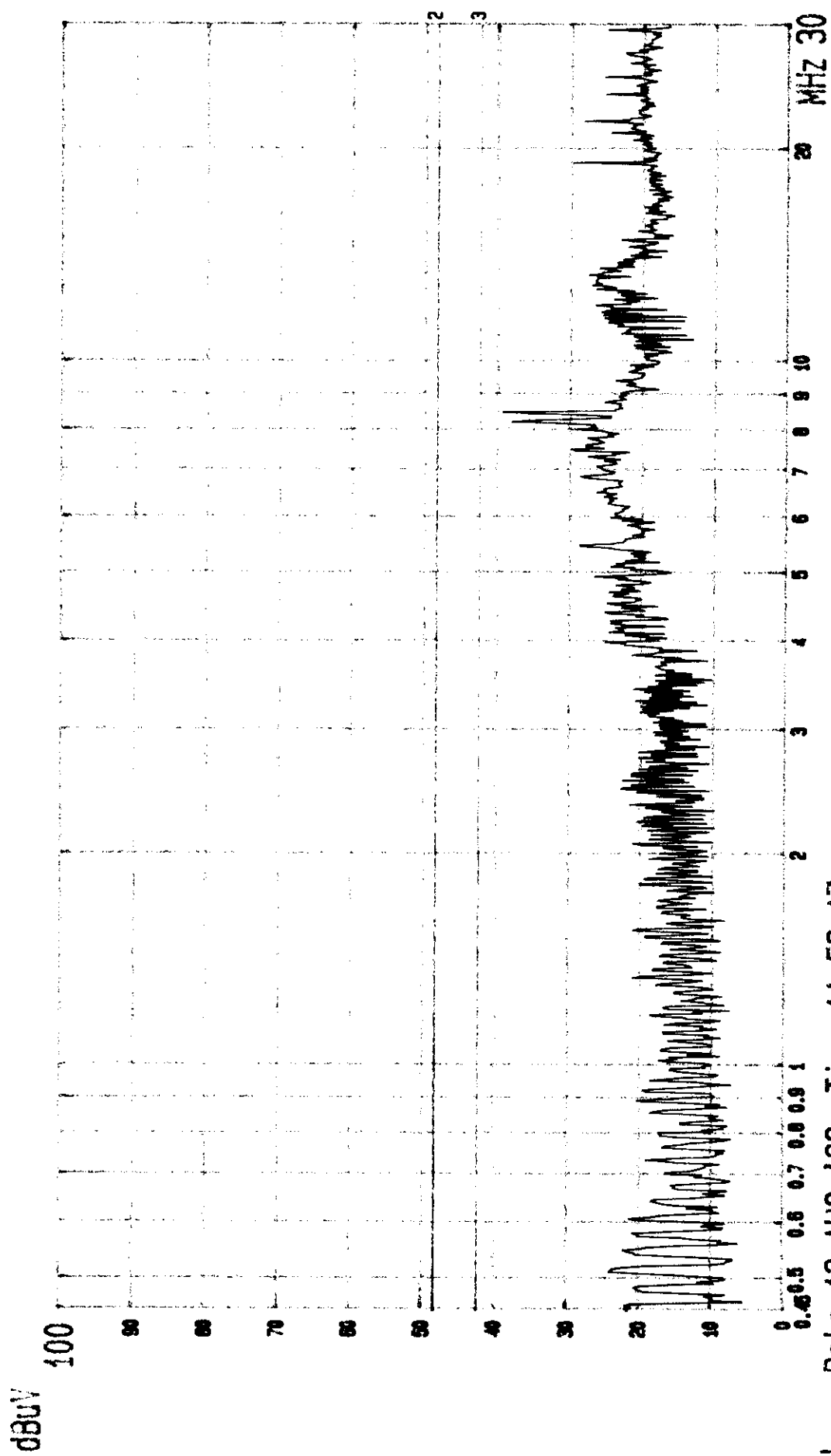
--- Date 13.AUG '98 Time 12:00:43

Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W

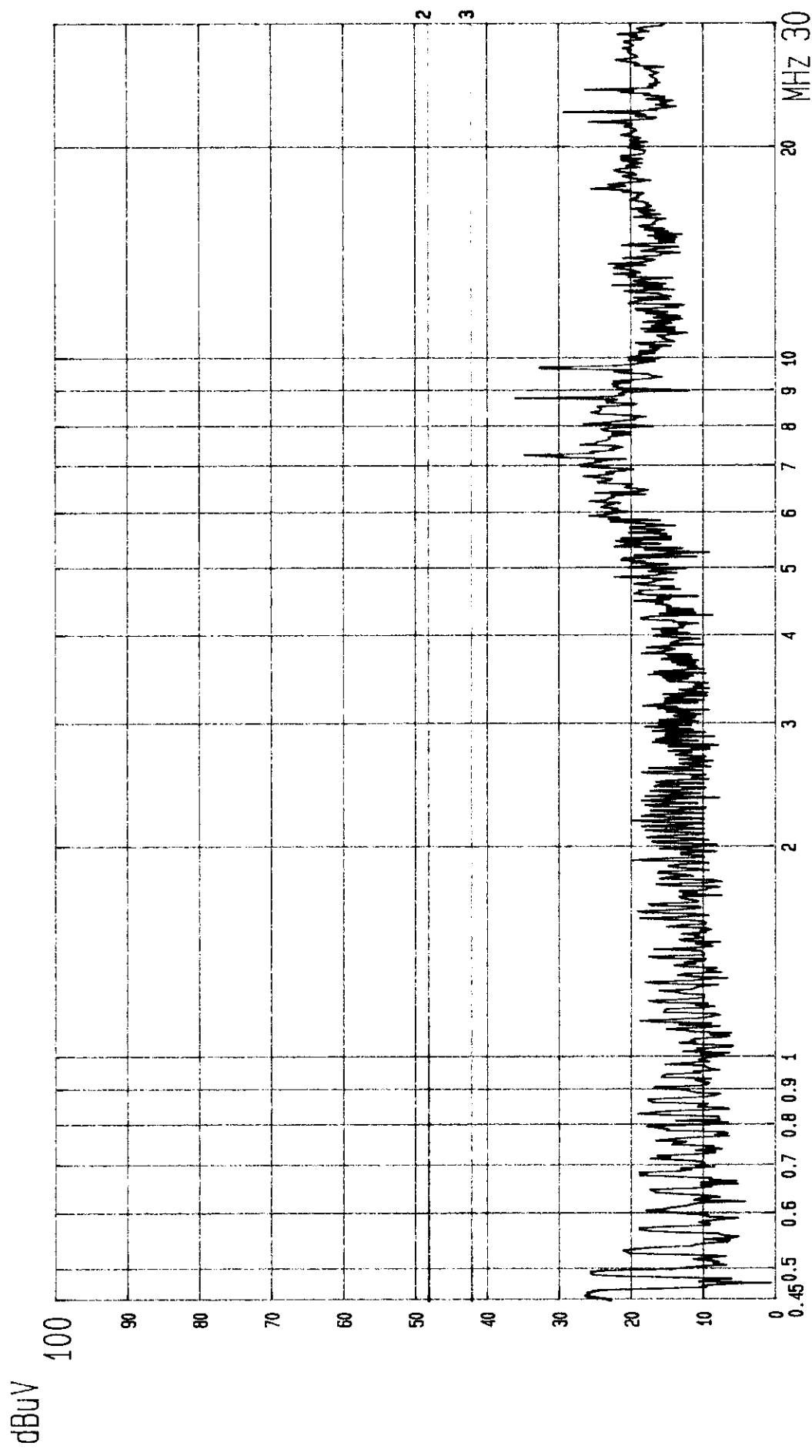
LINE: VA. MEMO: 31.47KHz (640X480; 60Hz)

(PEAK VALUE) TTEMPC.

PAGE: 002.

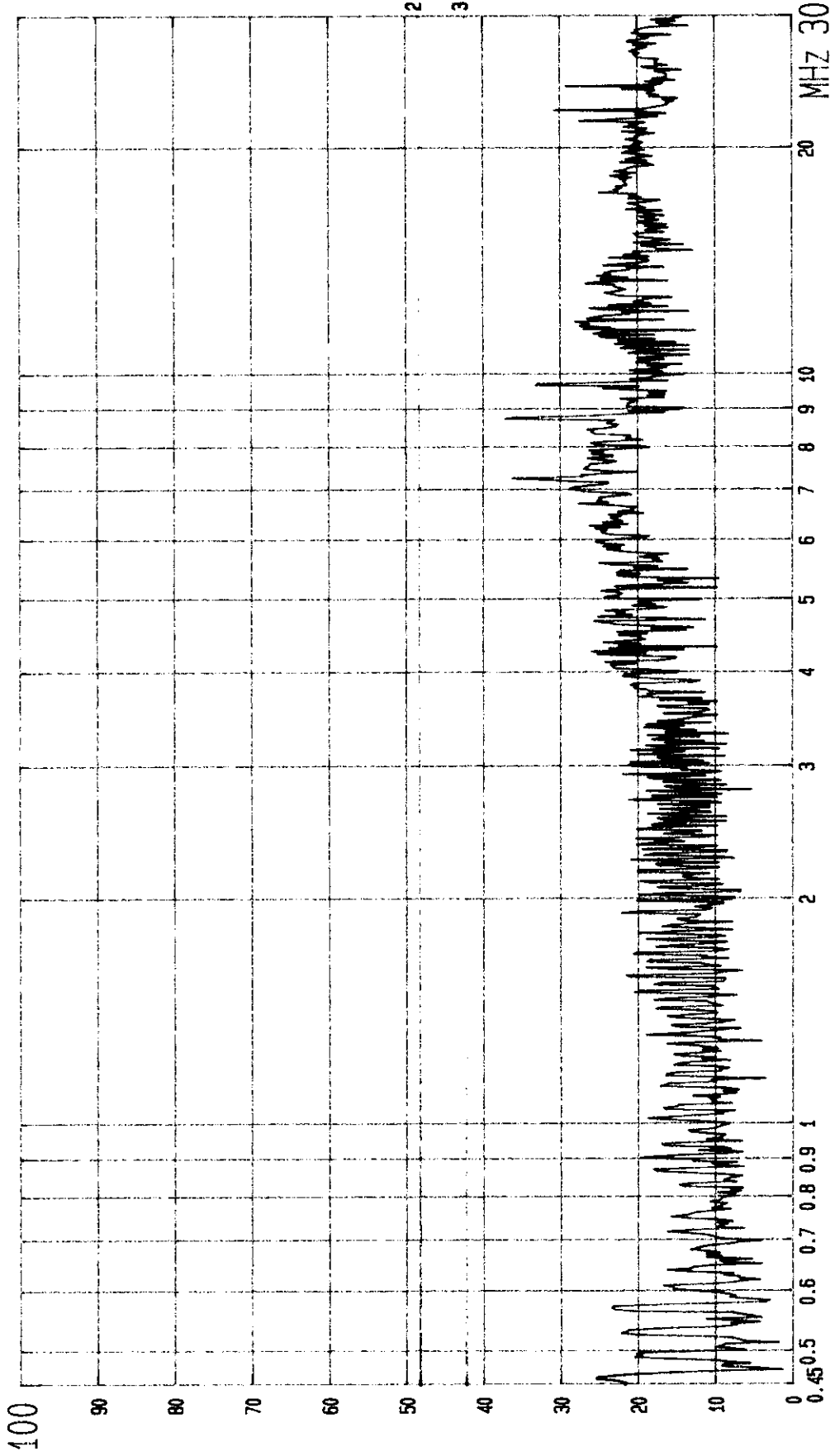


--- Date 13.AUG '98 Time 11:56:17
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VB. MEMO: 31.47KHz (640X480; 60Hz)
(PEAK VALUE) ITEM: C.



----- Date 13.AUG '98 Time 13:13:53
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VA. MEMO: 37.5KHz (640X480; 75Hz)

dBuV



--- Date 13.AUG '98 Time 13:16:31

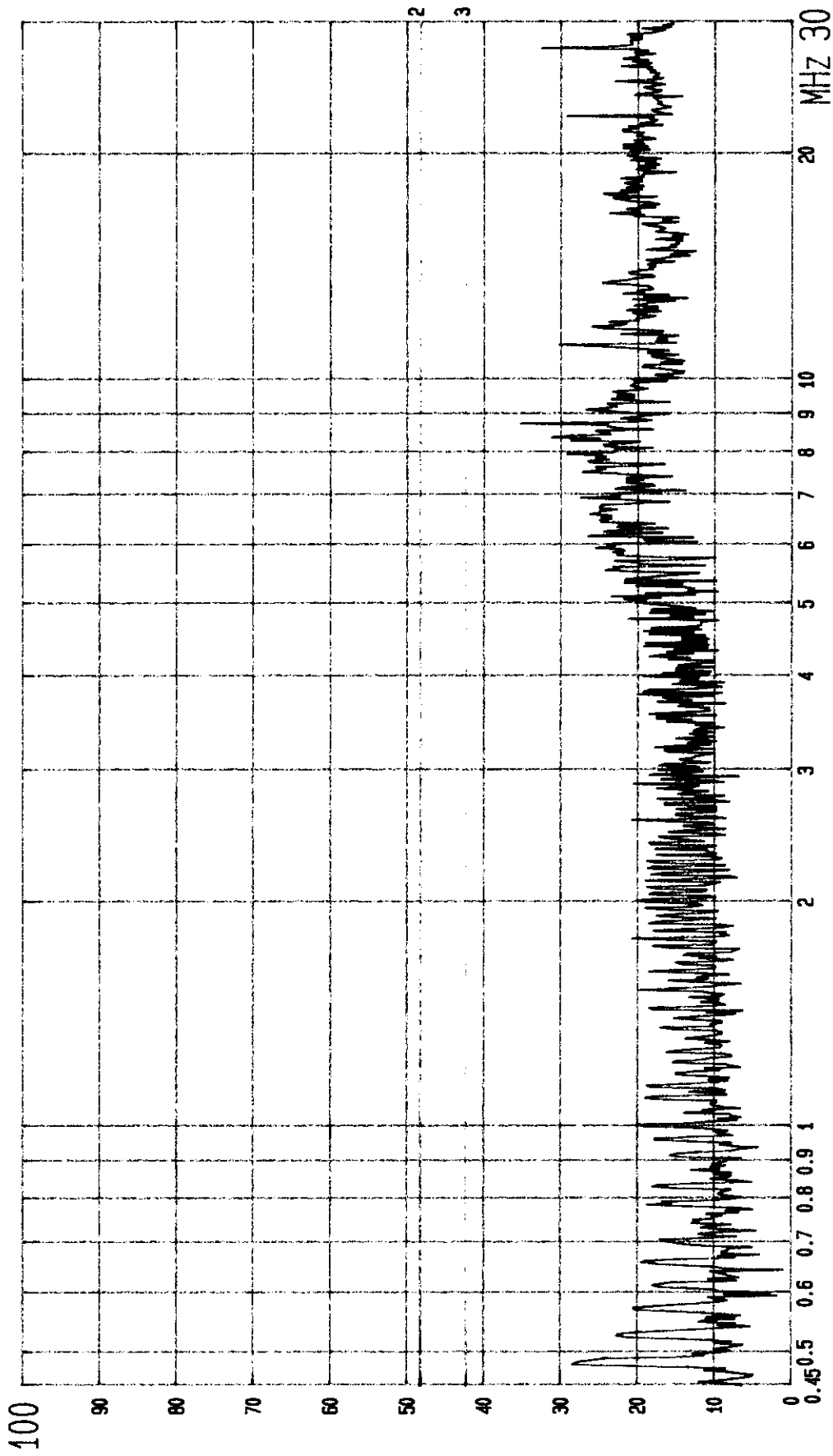
Top Victory EUT: 14" Color Monitor

LINE: VB. MEMO: 37.5KHz (640X480; 75Hz)

M/N: 14E4220T/W

(PEAK VALUE) TTEMPC. PAGE: 004.

dBuV

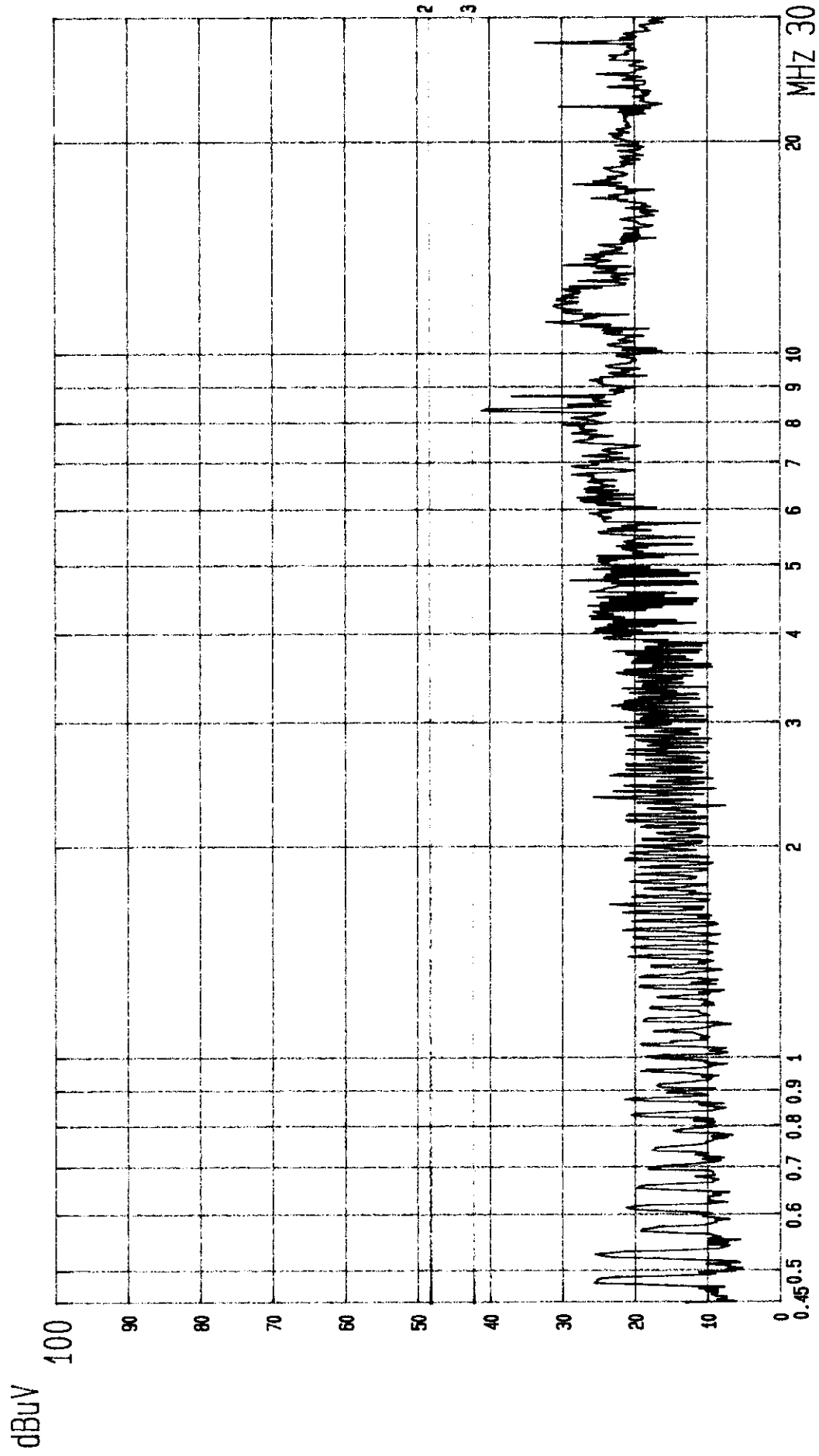


--- Date 13.AUG '98 Time 13:25:32

Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W

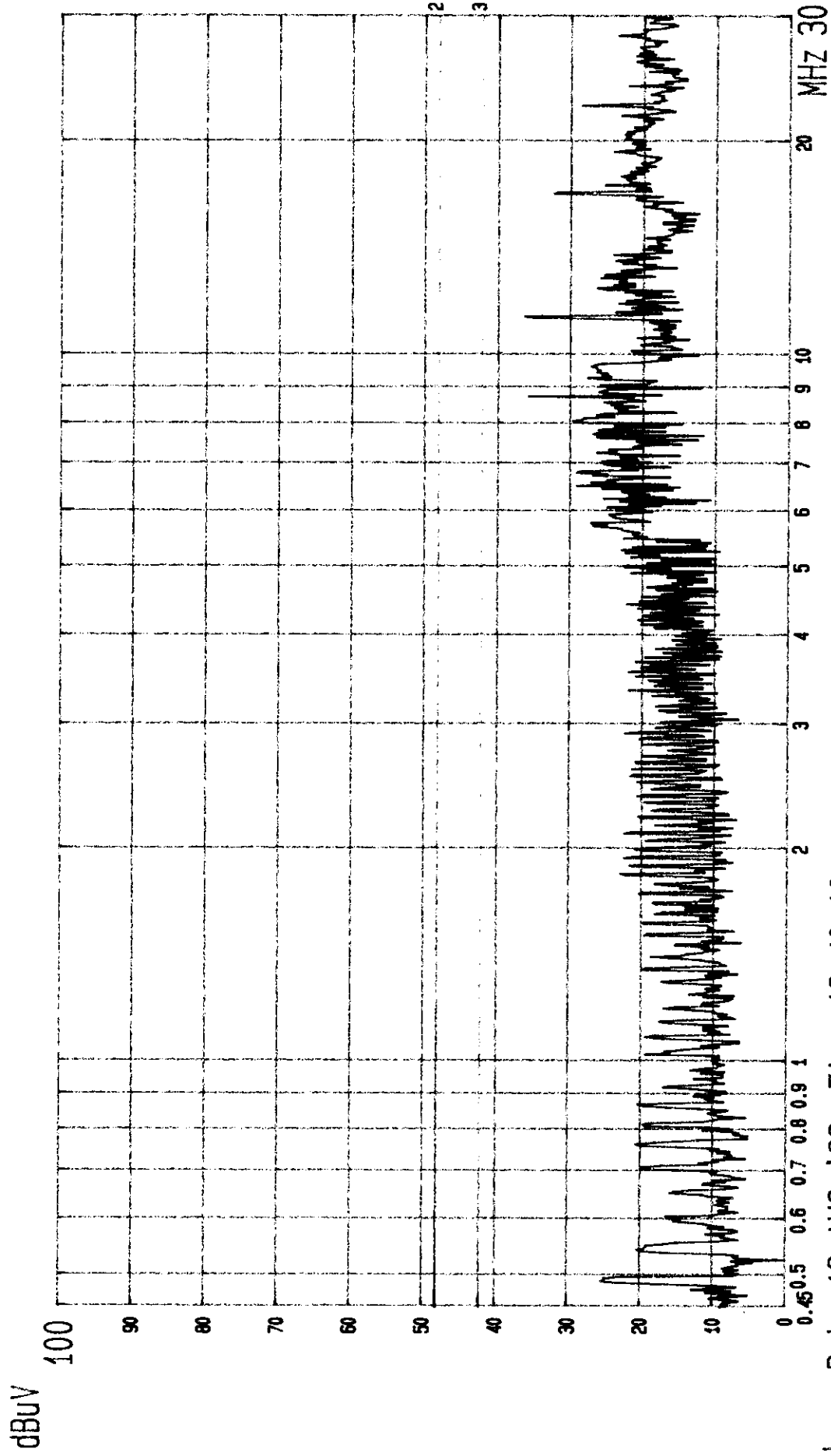
LINE: VA. MEMO: 43.3KHz (640X480; 85Hz)

(PEAK VALUE) TTEMC. PAGE: 006.



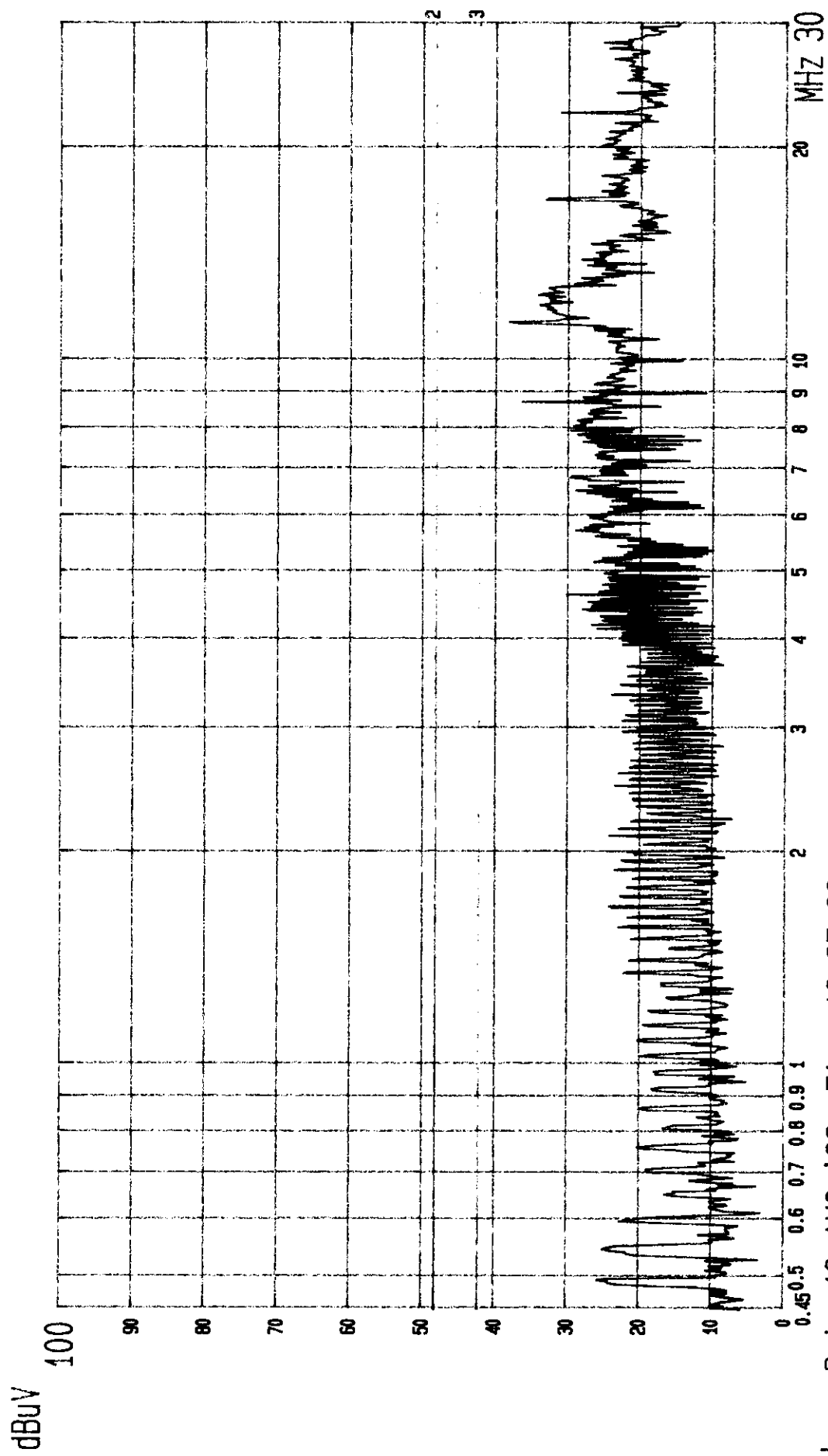
---- Date 13.AUG '98 Time 13:22:32
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VB. MEMO: 43.3KHz (640X480; 85Hz)

PAGE: 005.
(PEAK VALUE) ITEM C.



--- Date 13.AUG '98 Time 13:40:10
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VA. MEMO: 53.67KHz (800X600; 85Hz)

PAGE: 010.
(PEAK VALUE) TTEMC.



----- Date 13.AUG '98 Time 13:37:28
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VB. MEMO: 53.67KHz (800X600; 85Hz)

(PEAK VALUE) TTEM C.

PAGE: 009.

dBuV

100

90

80

70

60

50

40

30

20

10

0

0.5

0.6

0.7

0.8

0.9

1

2

3

4

5

6

7

8

9

10

20

30

MHz

--- Date 13.AUG '98 Time 14:16:34

Top Victory EUT: 14" Color Monitor

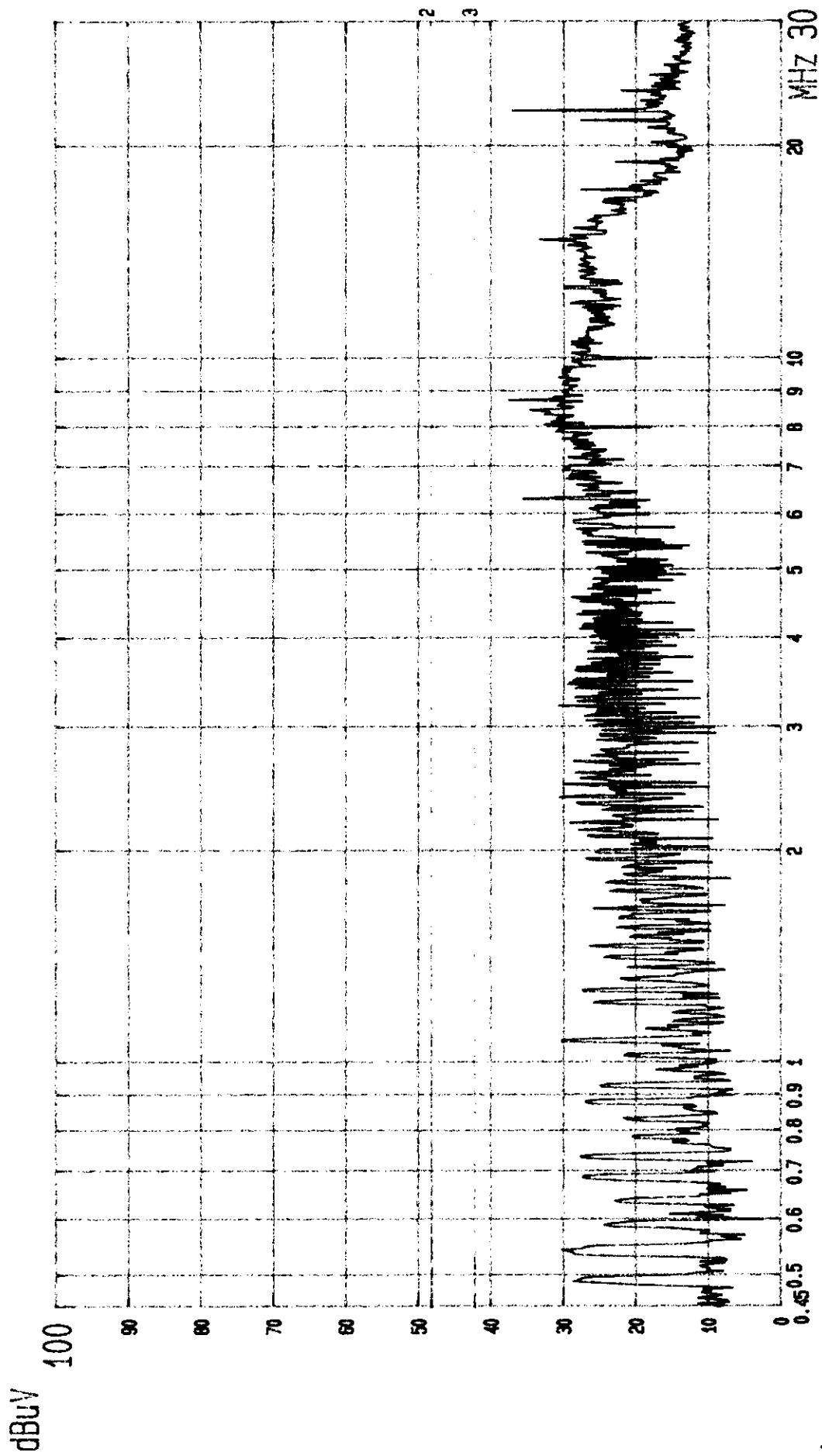
LINE: VA.

M/N: 14E4220T/W

MEMO: 31.47KHz (640X480; 60Hz); EUT TO PC

PAGE: 001.

(PEAK VALUE) ITEM: C.

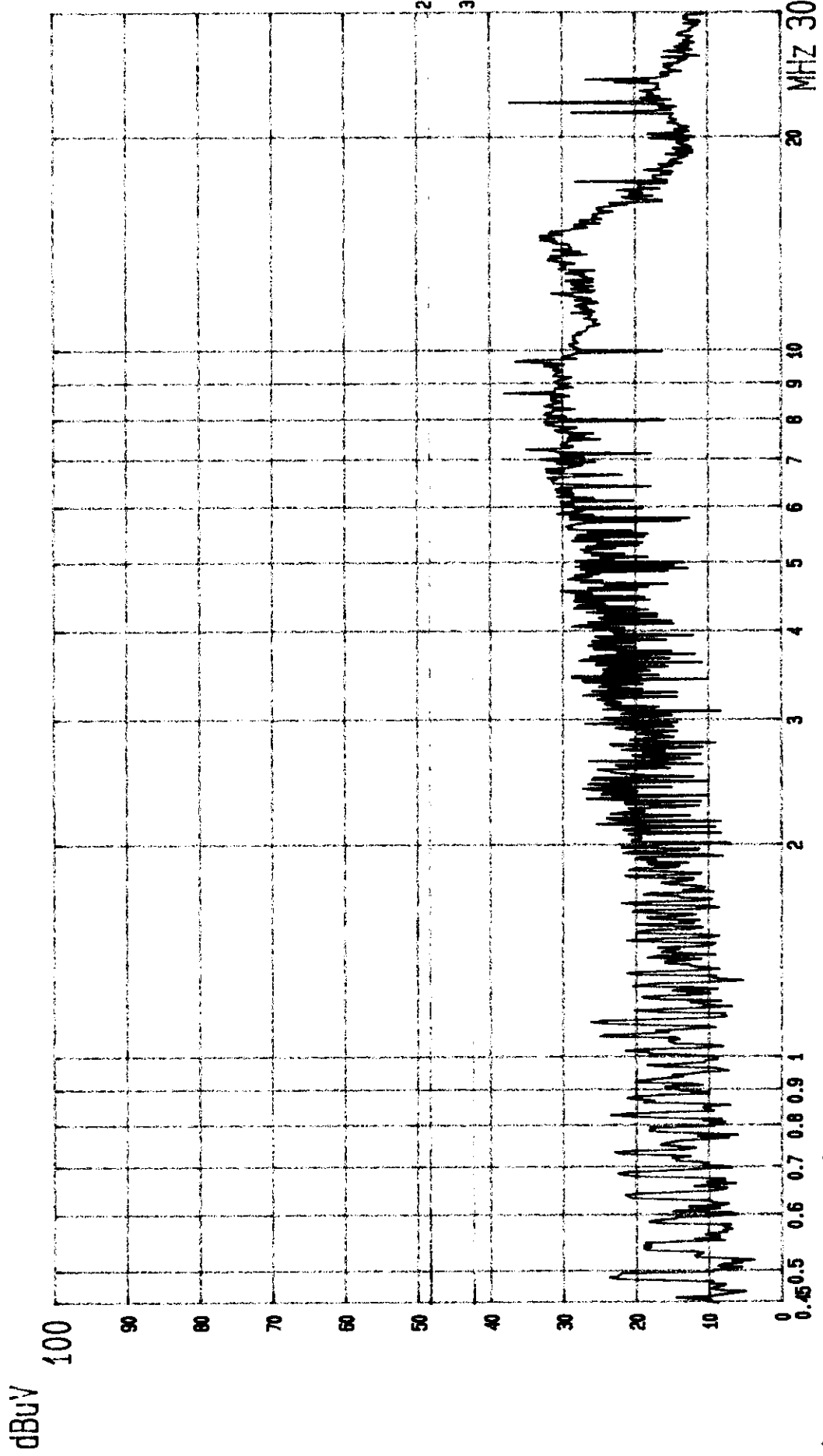


--- Date 13.AUG '98 Time 14:19:05

Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W

LINE: VB. MEMO: 31.47KHz (640X480; 60Hz); EUT TO PC

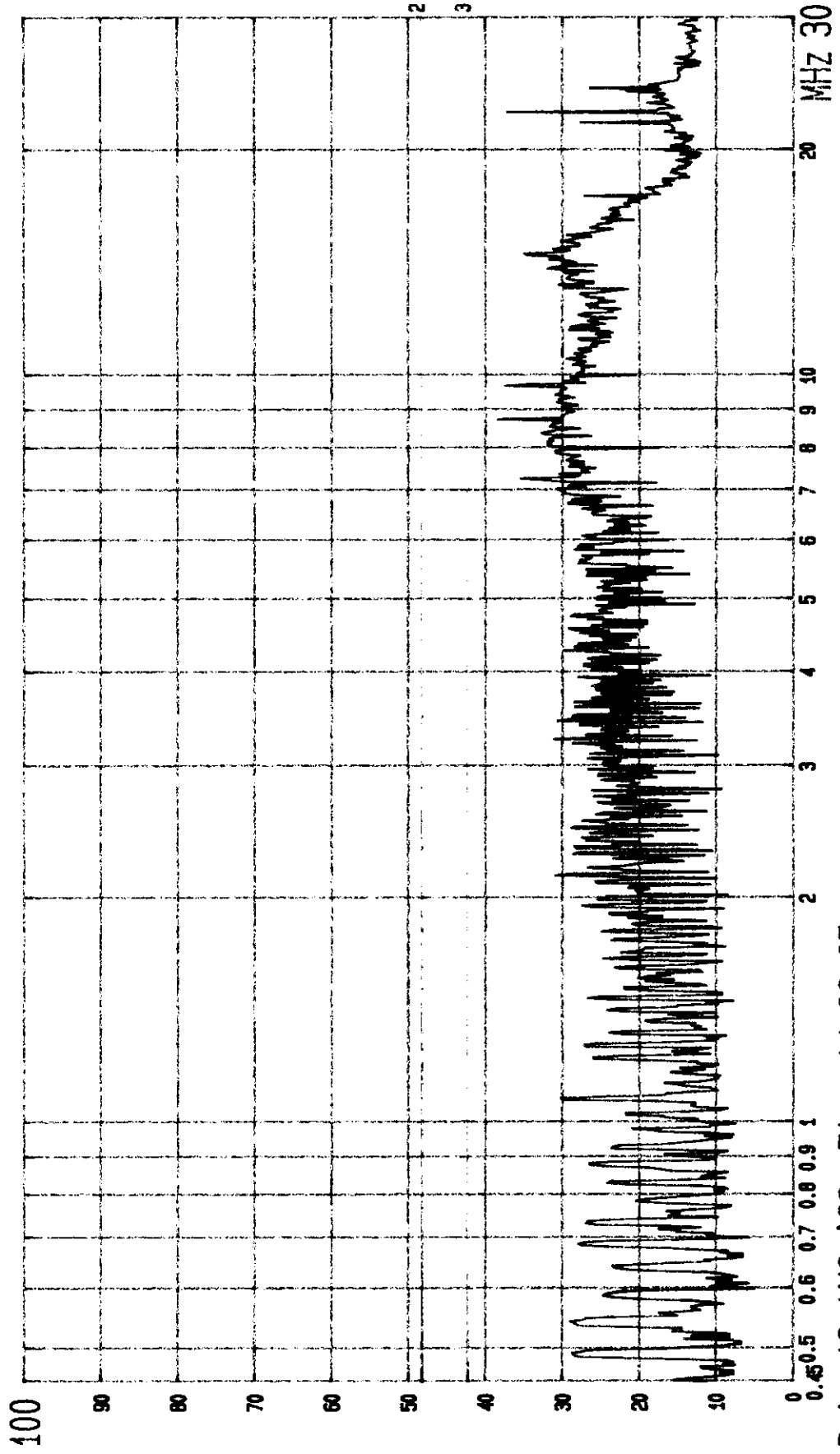
(PEAK VALUE) ITEM C. PAGE: 002.



---- Date 13.AUG '98 Time 14:24:38
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VA. MEMO: 37.5KHz (640X480; 75Hz); EUT TO PC

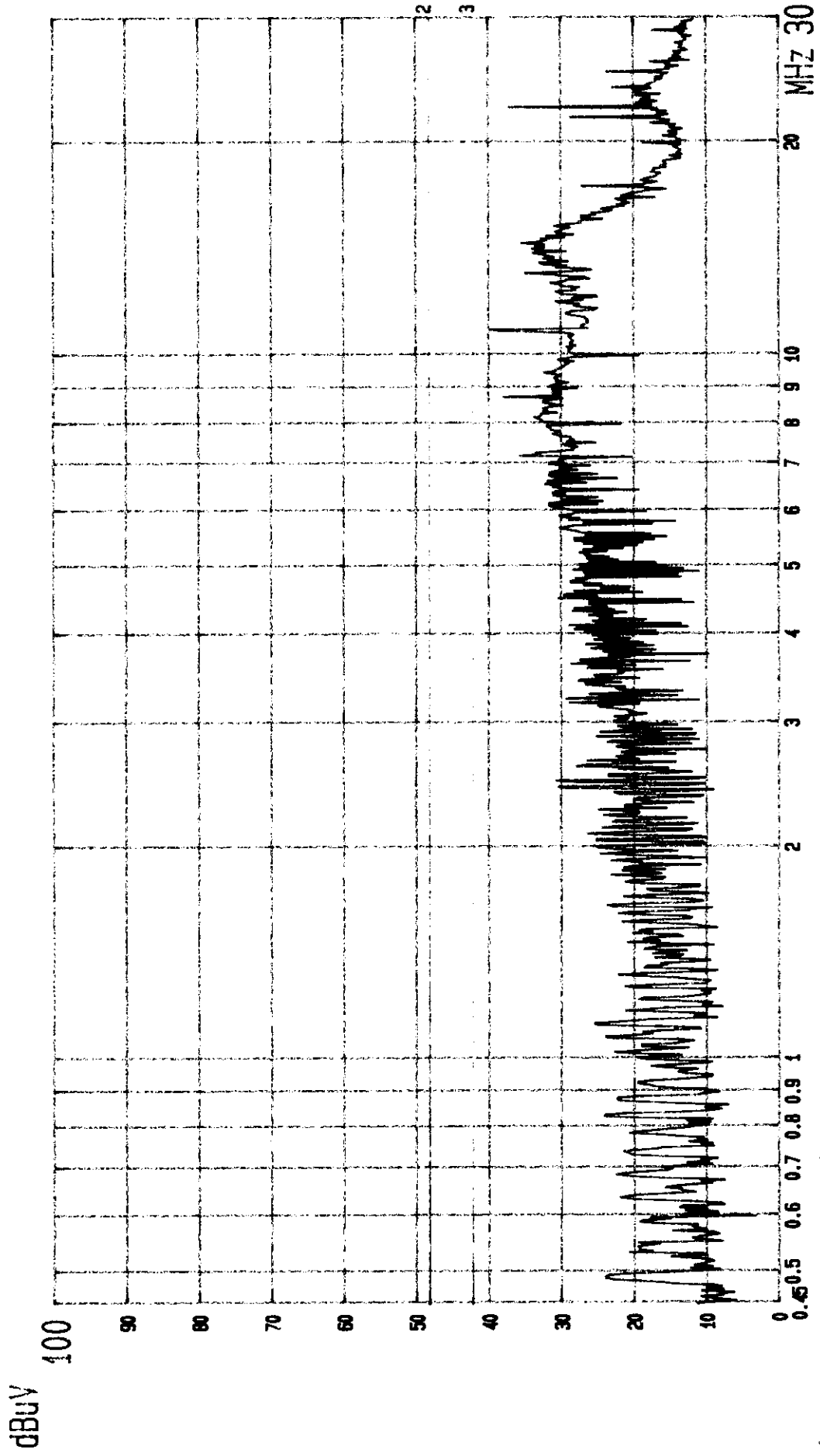
PAGE: 004.
(PEAK VALUE) ITEM: C.

dBuV



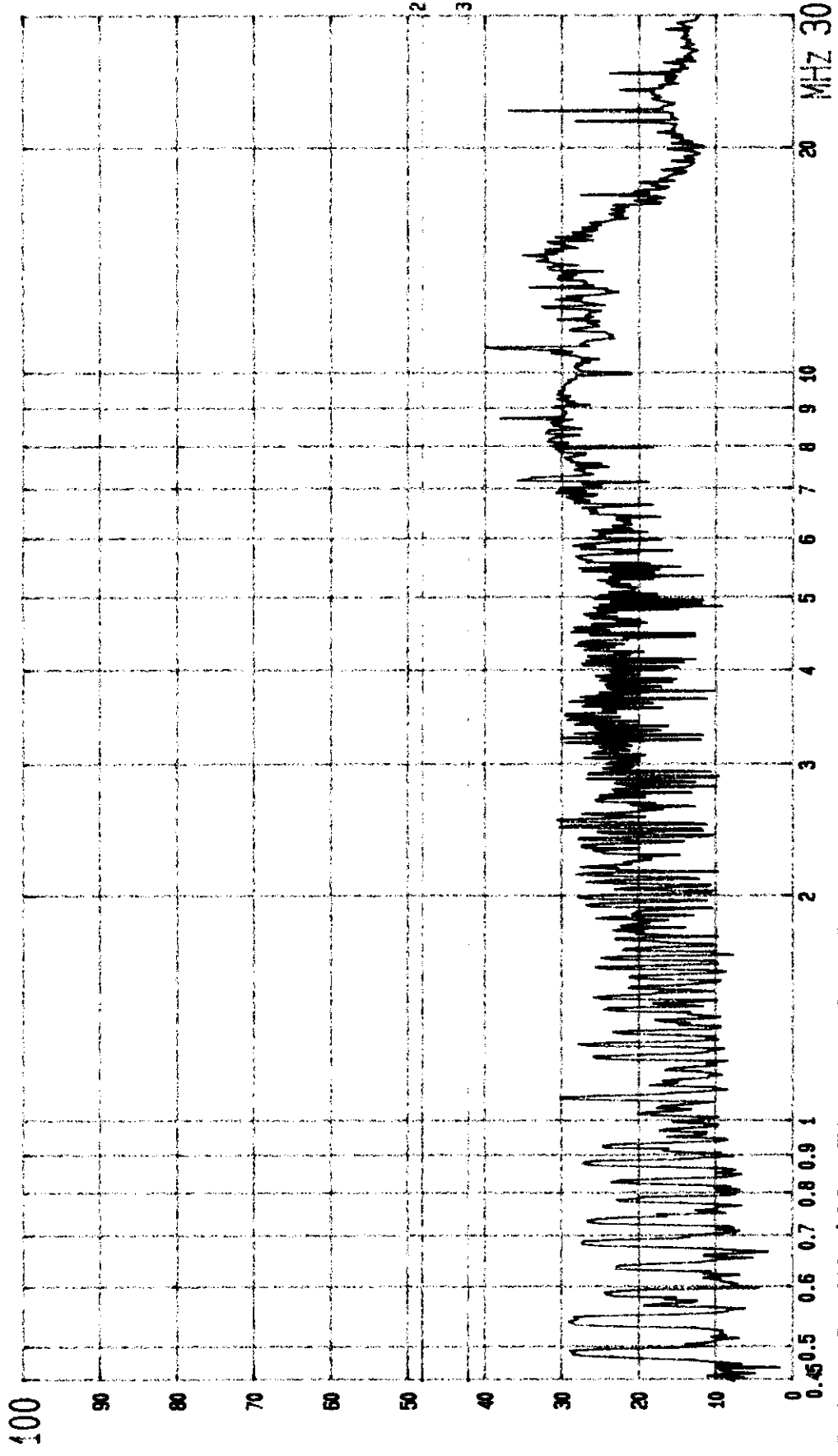
--- Date 13.AUG '98 Time 14:22:25
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VB. MEMO: 37.5KHz (640X480; 75Hz); EUT TO PC

PAGE: 003.
(PEAK VALUE) TTEM.



--- Date 13.AUG '98 Time 14:27:48
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VA. MEMO: 43.3KHz (640X480; 85Hz); EUT TO PC
(PEAK VALUE) TTEMC. PAGE: 005.

dBuV

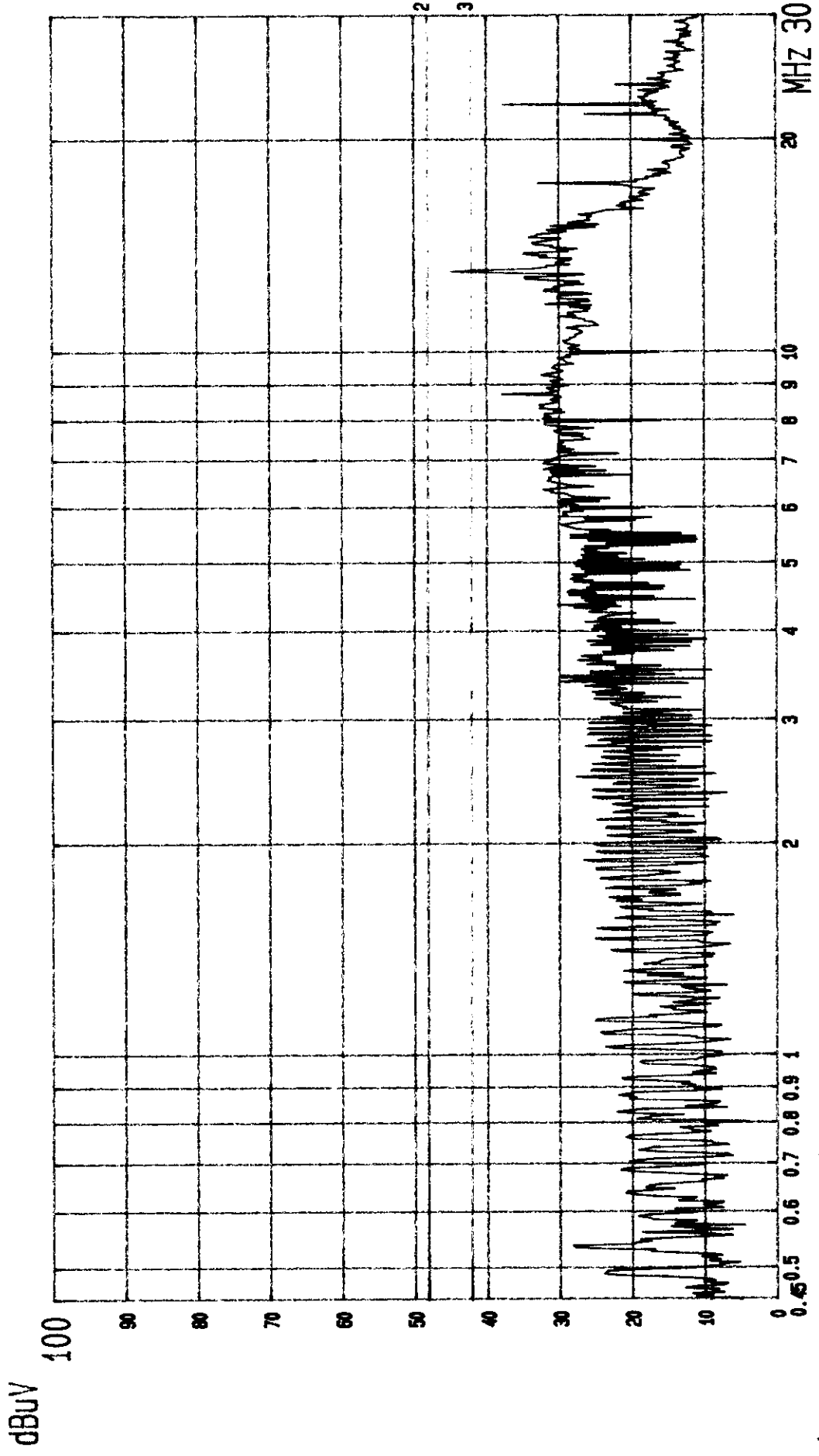


--- Date 13.AUG '98 Time 14:30:16

Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W

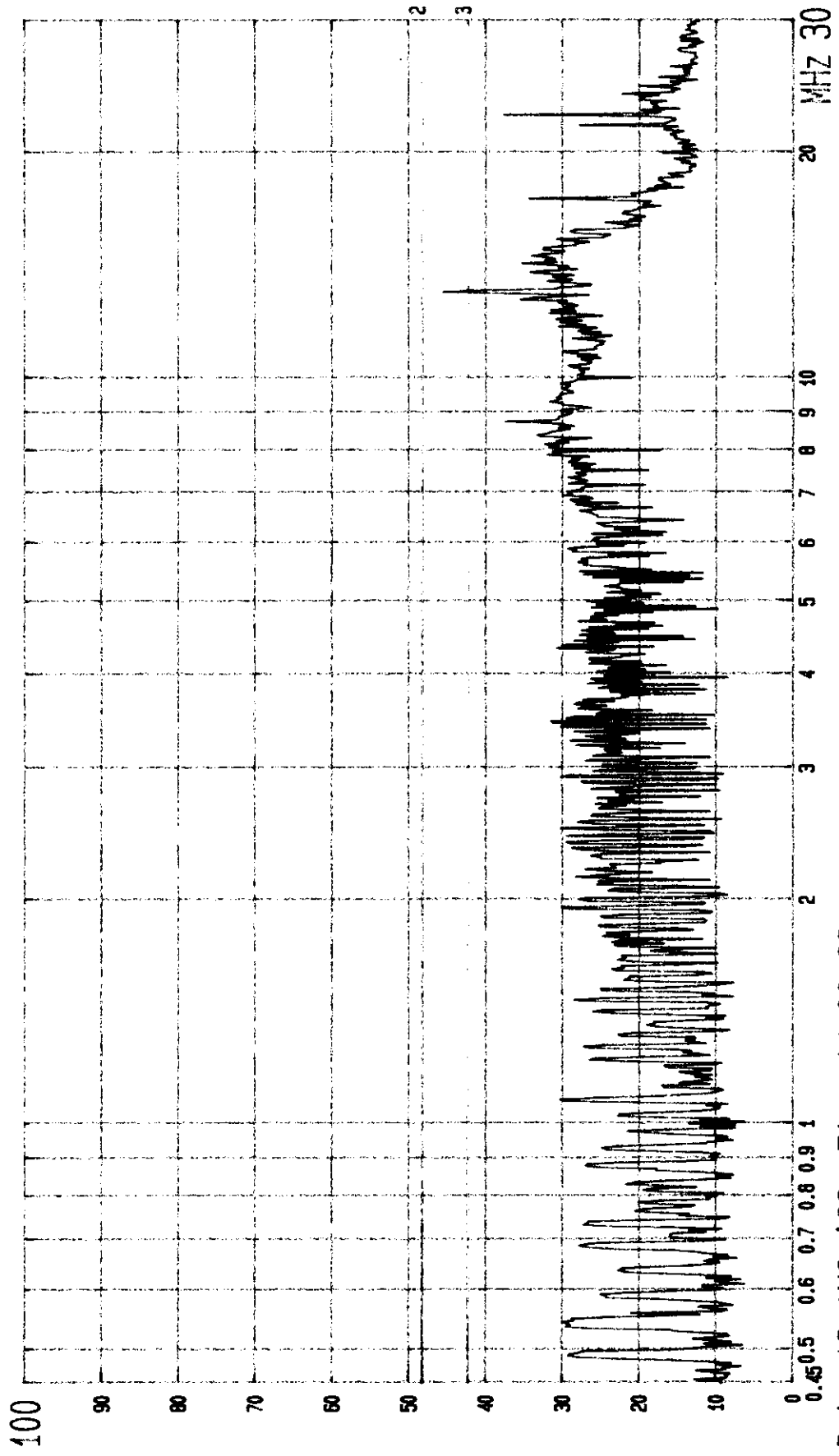
LINE: VB. MEMO: 43.3KHz (640X480; 85Hz); EUT TO PC

(PEAK VALUE) TTEMC.
PAGE: 006.



----- Date 13.AUG '98 Time 13:57:09
Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W
LINE: VA. MEMO: 53.67KHz (800X600; 85Hz); EUT TO PC

dBuV



--- Date 13.AUG '98 Time 14:00:29

Top Victory EUT: 14" Color Monitor M/N: 14E4220T/W

LINE: VB. MEMO: 53.67KHz (800X600; 85Hz); EUT TO PC

(PEAK VALUE) TTEMPC.

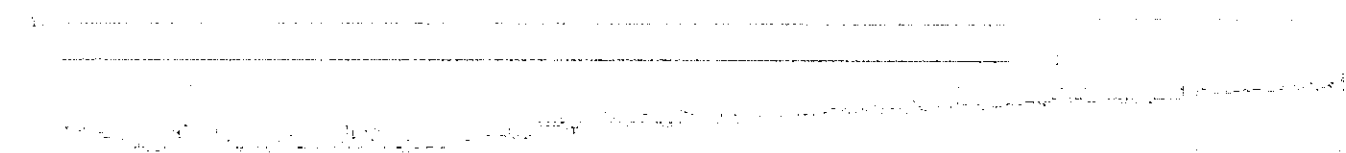
PAGE: 009.

APPENDIX II

(Ratiated Test Data at Anechoic Chamber)

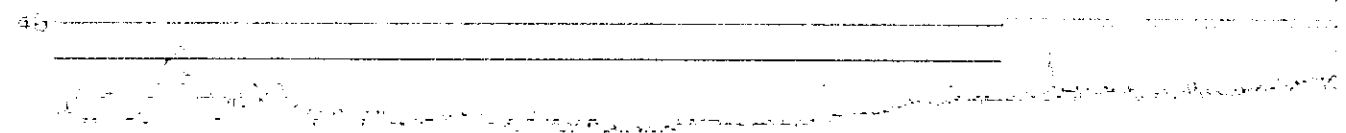
(Total Page : 10)

Page#1: 104 SP Title: T02P10T0.L1 Date: 07-01-1998 Time: 03:17:05
 420MHz ANECHOIC CHAMBER TAIWAN TORIN ENG ENG. CORP.
 80

1. 

30 MHz 80 100 120 140 160 180 200
 Unit: 1000 Counts/5 cm Probe: 50091008 (00:1000 HORIZONTAL
 SW: MONITOR MIN:14542207-W Power: 230uW/50Hz
 Margin: 5dB Standard: 0 Trace: 160, 0, 0, 0
 Band: 01 47MHz (640X480:50Hz)

Page#4: 107 SP Title: T02P10T0.L1 Date: 07-01-1998 Time: 03:20:36
 420MHz ANECHOIC CHAMBER TAIWAN TORIN ENG ENG. CORP.
 80

40 

30 MHz 80 100 120 140 160 180 200
 Unit: 1000 Counts/5 cm Probe: 50091008 (00:1000 VERTICAL
 SW: MONITOR MIN:14542207-W Power: 230uW/50Hz
 Margin: 5dB Standard: 0 Trace: 167, 0, 0, 0
 Band: 01 47MHz (640X480:50Hz)

Page: 124 OF Files: 114 Time: 09:11:08
 Date: 05/04/93 Chamber: TAYLOR YOUNG EMC ENG. CORP.



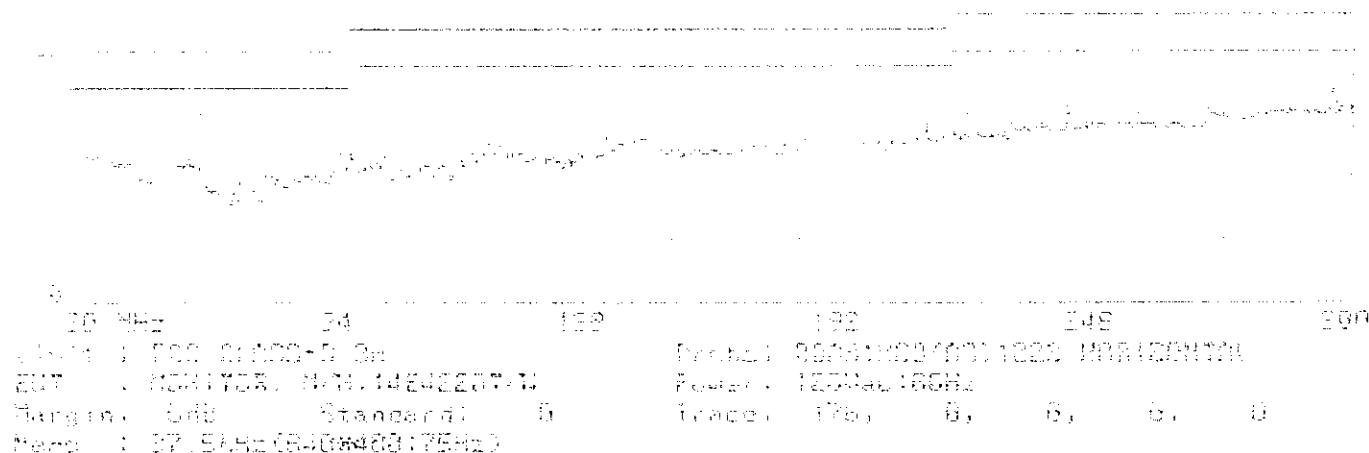
360 MHz 440 520 600 660
 Unit: CLOPP CLASS-B 3a Probe: UNMLP01670(03)1220 HORIZONTAL
 EUT: MONITOR N-N:14E42207W Power: 230Vac:50Hz
 Margin: 5dB Standard: 0 Trace: 104, 0, 0, 0, 0
 Memo: 31.470MHz (640X480:60Hz)

Page: 125 OF Files: 114 Time: 09:11:13
 Date: 05/04/93 Chamber: TAYLOR YOUNG EMC ENG. CORP.

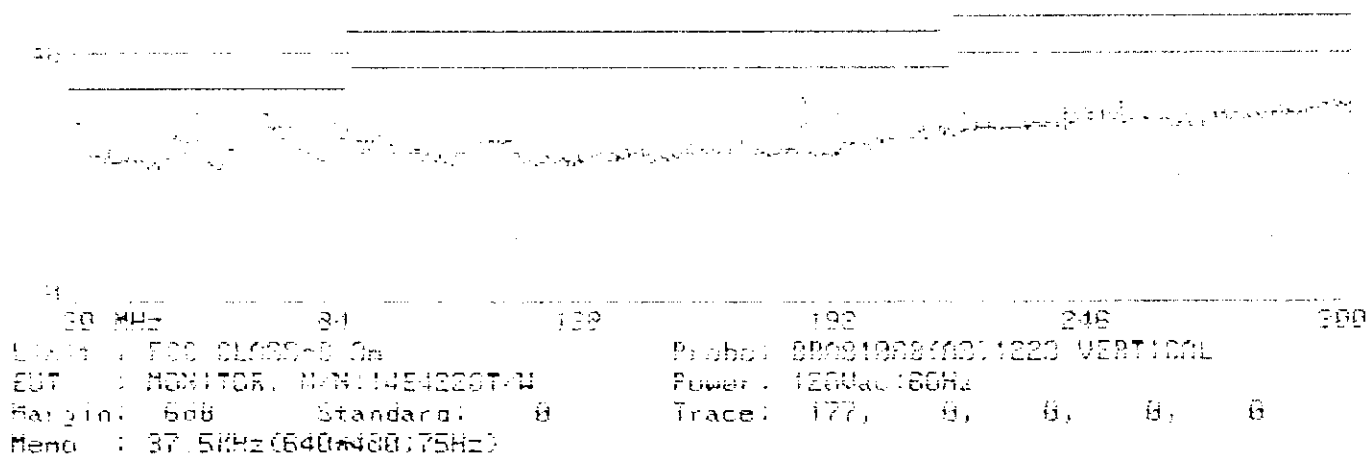


360 MHz 440 520 600 660 1000
 Unit: CLOPP CLASS-B 3a Probe: UNMLP01670(03)1220 VERTICAL
 EUT: MONITOR N-N:14E42207W Power: 230Vac:50Hz
 Margin: 5dB Standard: 0 Trace: 165, 0, 0, 0, 0
 Memo: 31.470MHz (640X480:60Hz)

Page#: 126 SP Filed: TOPULOTO.E1 Date: 07-30-1998 Time: 14:10:140
 8500 Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.
 126



Page#: 127 SP Filed: TOPULOTO.E1 Date: 07-30-1998 Time: 14:10:153
 8500 Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.
 127



Model: 113 ST Model: TDM1130.01 Date: 07-30-1994 Time: 14.04108
 Chamber: ECHO-10 CHAMBER TAUHIN TONIN END END. CORR.

20

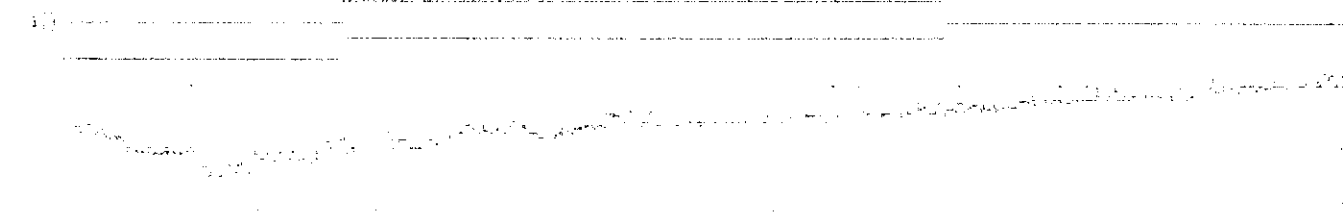
200 MHz 400 600 800 1000
 Limit: 500.00000000 Probe: UHF01091670(03)1223 VERTICAL
 EUT: MONITOR, NON:14242207-2 Filter: 120VAC:160Hz
 Margin: 640 Standard: 0 Trace: 170, 0, 0, 0, 0
 Memo: 1 37.50Hz(540*400.75Hz)

Model: 113 ST Model: TDM1130.01 Date: 07-30-1994 Time: 14.04157
 Chamber: ECHO-10 CHAMBER TAUHIN TONIN END END. CORR.

20

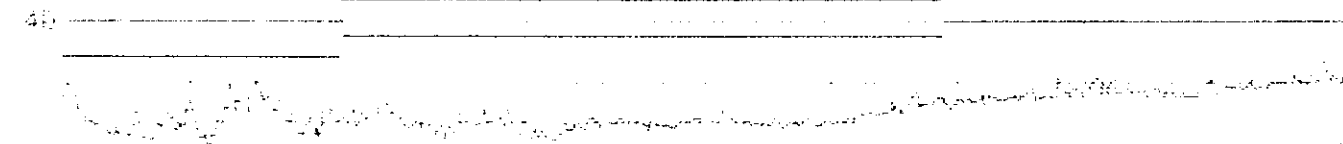
200 MHz 400 600 800 1000
 Limit: 500.00000000 Probe: UHF01091670(03)1223 VERTICAL
 EUT: MONITOR, NON:14242207-2 Filter: 120VAC:160Hz
 Margin: 640 Standard: 0 Trace: 170, 0, 0, 0, 0
 Memo: 1 37.50Hz(540*400.75Hz)

Page# 114 SP FILM# TERMINOLOGY Date: 87-88-1998 Time: 13:55:14
 450 MHz ANECHOIC CHAMBER TOSHIBA TOSHIBA ENG. CORP.



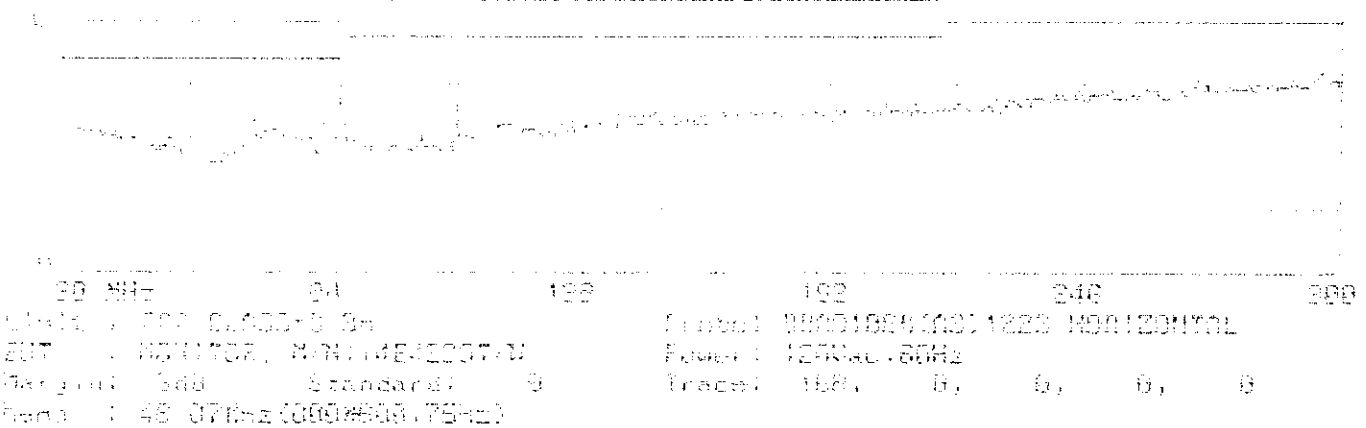
20 MHz 84 132 182 246 300
 Limit : 500 0.000000 0m
 EUT : MONITOR NAW140E4220T-N
 Power : 100Watt 60Hz
 Margin : 6dB Standard : 0
 Trace : 174, 0, 0, 0, 0
 Memo : 45 30Hz (640x480 135Hz)

Page# 115 SP FILM# TERMINOLOGY Date: 87-88-1998 Time: 13:56:27
 450 MHz ANECHOIC CHAMBER TOSHIBA TOSHIBA ENG. CORP.

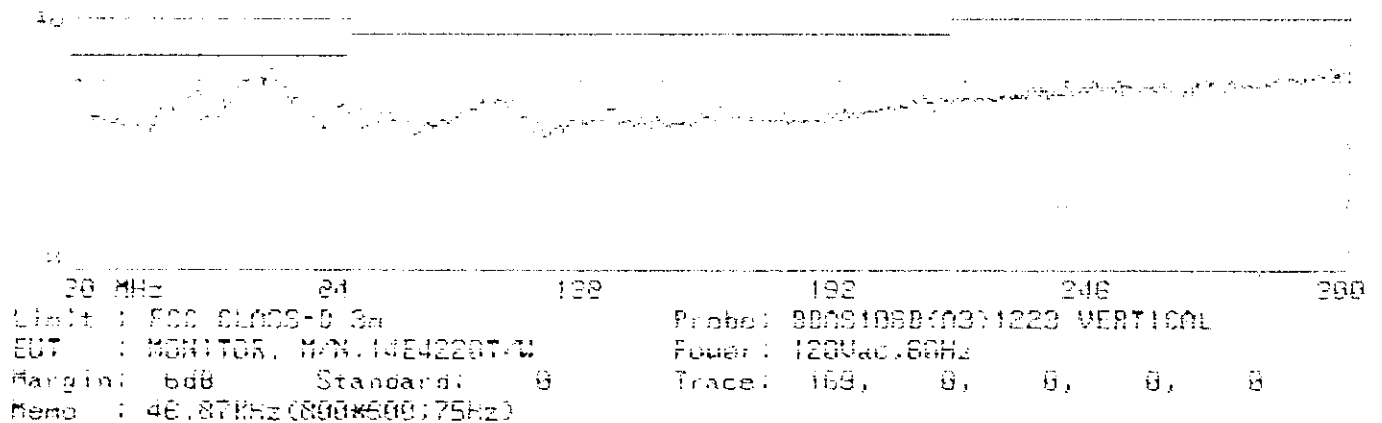


20 MHz 84 132 182 246 300
 Limit : 500 0.000000 0m
 EUT : MONITOR NAW140E4220T-N
 Power : 100Watt 60Hz
 Margin : 6dB Standard : 0
 Trace : 175, 0, 0, 0, 0
 Memo : 45 30Hz (640x480 135Hz)

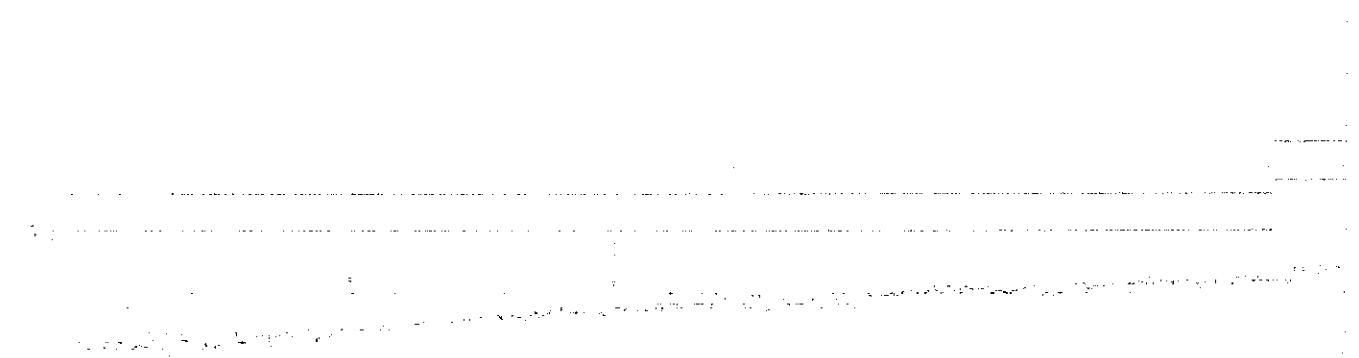
Page#1: 188 File#1: THRU1771.F1 Date: 07-08-1998 Time: 19:09:17
 48.07KHz (000#500#75Hz) TAUBAN TORIN EMC ENG CORP.



Page#1: 189 File#1: THRU1771.F1 Date: 07-08-1998 Time: 19:09:18
 48.87KHz (800#500#75Hz) TAUBAN TORIN EMC ENG CORP.

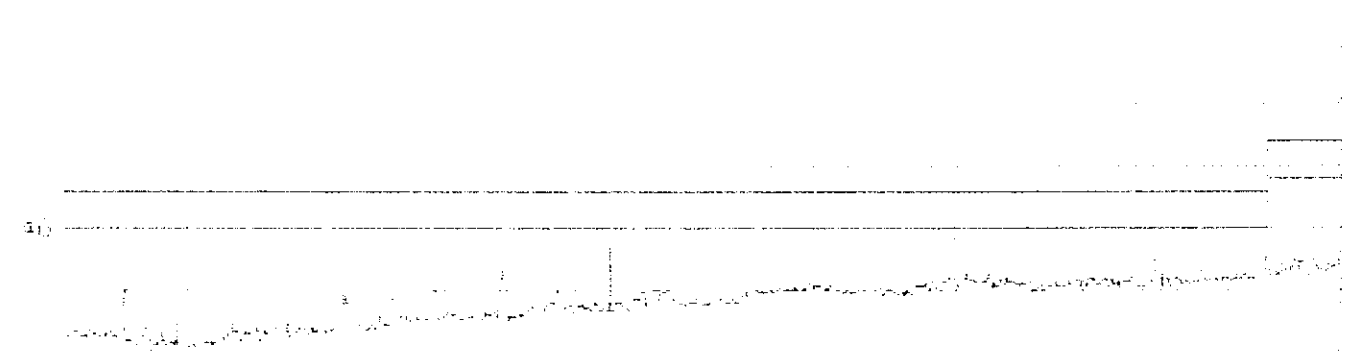


Page1: 1/1 SP: #1144: TDSU170 E1 Date: 07-30-1998 Time: 13:41:38
 420 MHz ANALOGIC CHANNEL TAIWAN TORIN EMC ENG. CORP.
 30



100 MHz 400 500 700 800 1000
 Unit: 100.0000000000000 HORIZONTAL
 EUT: MONITOR MAX. RESOLUTION
 Power: 1200uA. 60Hz
 Trace: 100, 0, 0, 0, 0
 Band: 45.870Hz (800.000.75Hz)

Page1: 1/1 SP: #1144: TDSU170 E1 Date: 07-30-1998 Time: 13:41:38
 420 MHz ANALOGIC CHANNEL TAIWAN TORIN EMC ENG. CORP.
 30



100 MHz 400 500 700 800 1000
 Unit: 100.0000000000000 HORIZONTAL
 EUT: MONITOR MAX. RESOLUTION
 Power: 1200uA. 60Hz
 Trace: 100, 0, 0, 0, 0
 Band: 45.870Hz (800.000.75Hz)

Page#1: 161 File#1: 500000000000000000 Date: 07-30-1998 Time: 13:08:38
 4500 Hz ANECHOIC CHAMBER TAIWAN TORIN EMC ENG. CORP.

45

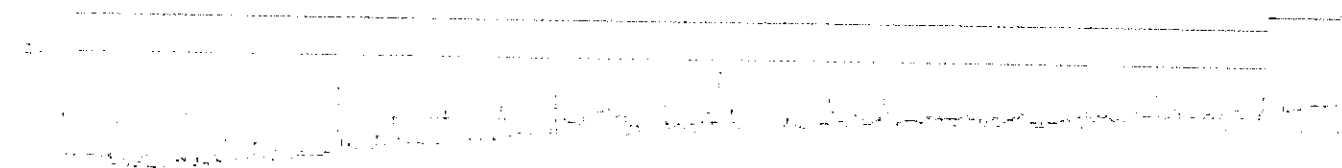
50 MHz 84 192 192 248 300
 Unit: 100 dBm-0.2m Probe: 80001068(03)1223 HORIZONTAL
 EUT: MONITOR, M-N:14542207-4 Power: 120Watt, 55Hz
 Part no: 800 Standard: 5 Trace: 161, 8, 8, 8, 8
 Item: 50 570Hz(500000000000000000)

Page#1: 161 File#1: 500000000000000000 Date: 07-30-1998 Time: 13:08:38
 4500 Hz ANECHOIC CHAMBER TAIWAN TORIN EMC ENG. CORP.

45

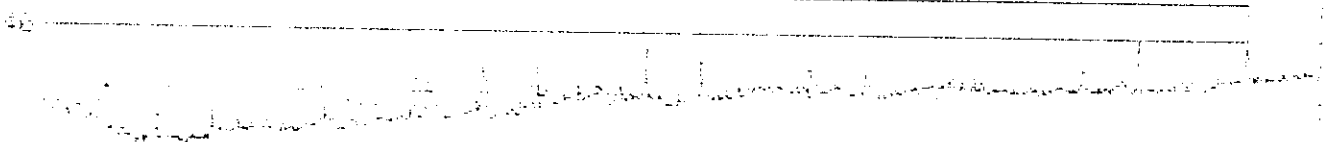
50 MHz 84 192 192 248 300
 Unit: 100 dBm-0.2m Probe: 80001068(03)1223 VERTICAL
 EUT: MONITOR, M-N:14542207-4 Power: 120Watt, 55Hz
 Part no: 800 Standard: 5 Trace: 161, 8, 8, 8, 8
 Item: 50 570Hz(500000000000000000)

Page#1: 182 SP File#1: TOPV10T01.E1 Date: 87-30-1998 Time: 13:05:25
 4500Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.
 80



500 MHz 600 700 800 1000
 Unit: 500 0.000-9.0m Probe: UNCLP01078 (03) 1220 HORIZONTAL
 EUT: MONITOR, M/N: 14E42287W Power: 120VAC, 50Hz
 Margin: 6dB Standard: 0 Trace: 162, 0, 0, 0, 0
 Reso: 53.67KHz (200X600/85Hz)

Page#1: 183 SP File#1: TOPV10T01.E1 Date: 87-30-1998 Time: 13:08:54
 4500Hz ANECHOIC CHAMBER TAIWAN TOKIN EMC ENG. CORP.
 80



500 MHz 600 700 800 1000
 Unit: 500 0.000-9.0m Probe: UNCLP01078 (03) 1220 VERTICAL
 EUT: MONITOR, M/N: 14E42287W Power: 120VAC, 50Hz
 Margin: 6dB Standard: 0 Trace: 163, 0, 0, 0, 0
 Reso: 53.67KHz (200X600/85Hz)