

EXHIBIT 3

Test Report

Test Report

TTEMC-F98136

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

Model : (1)15E4220T (2)15E4220W (3)15E4220Z

FCC ID : ARSCM5690

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.
No. 53-11, Tin-Fu Tsun, Lin-Kou,
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File Number : ATM-G98443 (G98247)
Report Number : TTEMC-F98136
Date of Test : Jul. 29 ~ Aug. 12, 1998
Date of Report : Aug. 20, 1998

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Tok 98 F05L

TEST REPORT CERTIFICATION

(Class II Permissive Change)

Applicant : Top Victory Electronics (Taiwan) Co., Ltd.
Manufacturer : Top Victory Electronics (Fujian) Co., Ltd.
FCC ID : ARSCM5690
EUT Description : 15" Color Monitor
(A) MODEL NO. : (1)15E4220T (2)15E4220W (3)15E4220Z
(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. 29 ~ Aug. 12, 1998

Prepared by : Julie Hsu 8/5/98
(JULIE HSU)

Test Engineer : Allen Wang 8/5/98
(ALLEN WANG)

Approve & Authorized Signer :

Jackie Deng 8/5/98
(JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	15" Color Monitor
Model Number	:	(1)15E4220T (Non-MPR Safety Version) (2)15E4220W (MPR-2 Safety Version) (3)15E4220Z (TCO95 Safety Version)
FCC ID	:	ARSCM5690
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	:	Orion, M/N M36KXU110XX51
Data Cable	:	Shielded, Undetachable, 1.2m Bonded a ferrite core
Power Cord	:	Non-Shielded, Detachable, 1.8m
Date of Test	:	Jul. 29 ~ Aug. 12, 1998

Remark :

This EUT is a modified version of original FCC ID ARSCM5690. (M/N 5VlrA).
The difference are :

1. Add three models (1)15E4220T (2)15E4220W (3)15E4220Z for Philips use.
2. to change the horizontal freq. from 69KHz into 54KHz.
3. to change the CRT from Chunghwa (M36AES83X31) into Orion (M36KXU110XX51).
4. to re-layout main board and video board.
5. 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	:	TA434D0558
FCC ID	:	AO9-81XWW
Manufacturer	:	Digital
Switching Power Supply	:	Astec, M/N SA201-3450 S/N 1692007419S
Floppy Driver 3.5"	:	Mitsubishi, M/N MF355F-258MG, S/N M125083
Floppy Driver 5.25"	:	Teach, M/N FD-55GFR, S/N CR46821
Hard Disk Driver	:	Maxtor, M/N 7850AV, S/N P60P5SRS
VGA Card	:	Dataexpert Corp. M/N DSV3365E, S/N E601604162 FCC ID LUT-DSV3365
Disk Ctrl Card	:	Within Mother Board
Serial/Parallel Card	:	Within Mother Board
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.2. KEYBOARD

Model Number	:	BTC-5139
Serial Number	:	73B304245
FCC ID	:	E5XKBM111
Manufacturer	:	Behavior Tech Computer Corp.
Data Cable	:	Shielded, Undetachable, 1.2m

1.2.3. PRINTER

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

1.2.4. MODEM #1

Model Number	:	1414
Serial Number	:	970024519
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A Non-Shielded, Undetachable, 1.8m

1.2.5. MODEM #2

Model Number	:	1414
Serial Number	:	970024520
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A Non-Shielded, Undetachable, 1.8m

1.2.6. MOUSE

Model Number	:	PC7XS-AA
Serial Number	:	LT41804589
FCC ID	:	DZL210513
Manufacturer	:	Digital
Data Cable	:	Non-Shielded, Undetachable, 1.8m

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

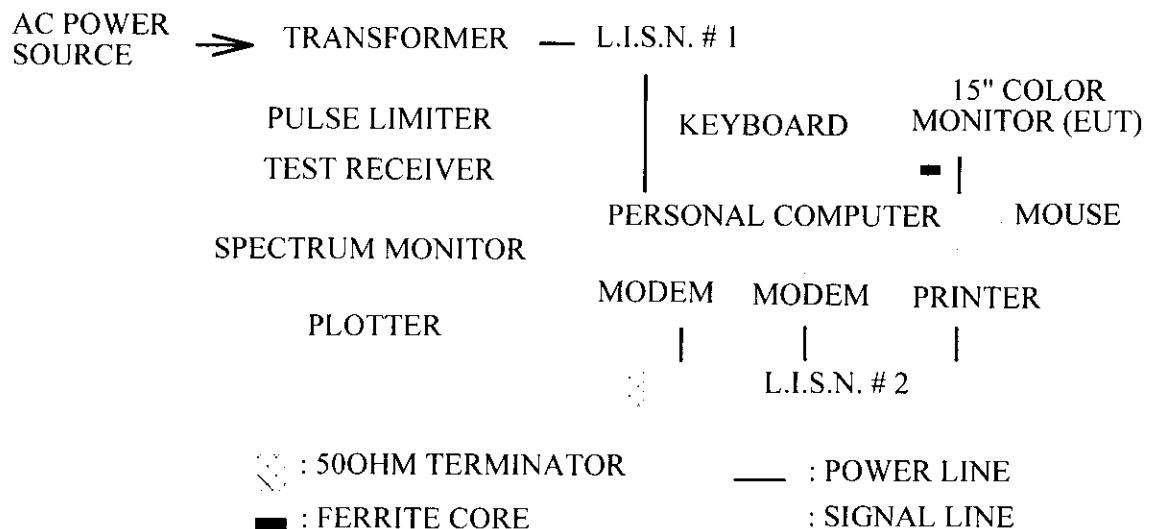
2.1. Test Equipment

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

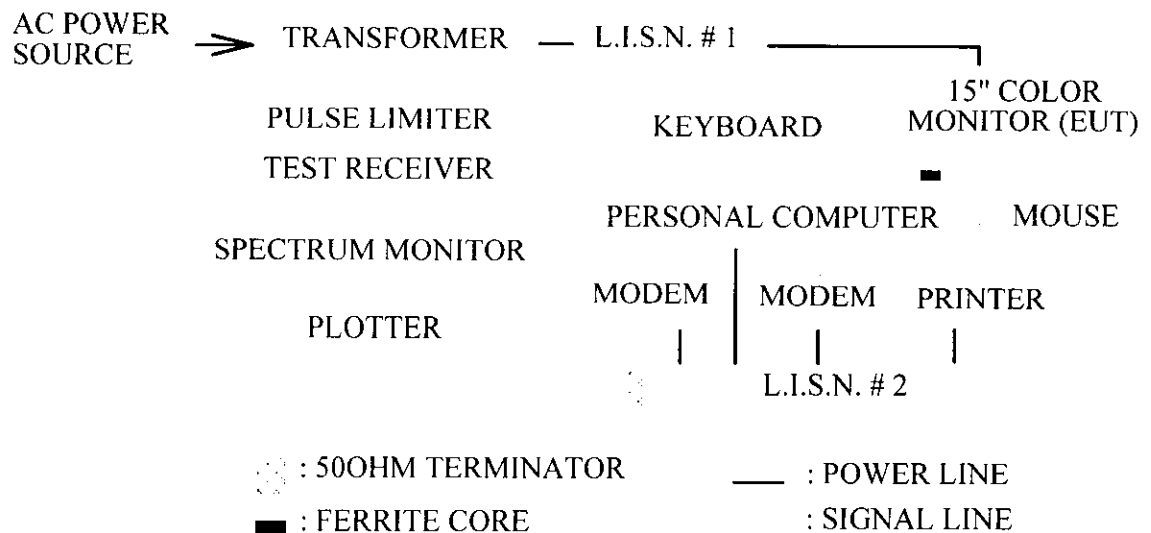
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESH3	886047/035	Jun.24, 98'	1 Year
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-855-9	Apr.14, 98'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-881-13	Apr.14, 98'	1 Year

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



2.6. 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.

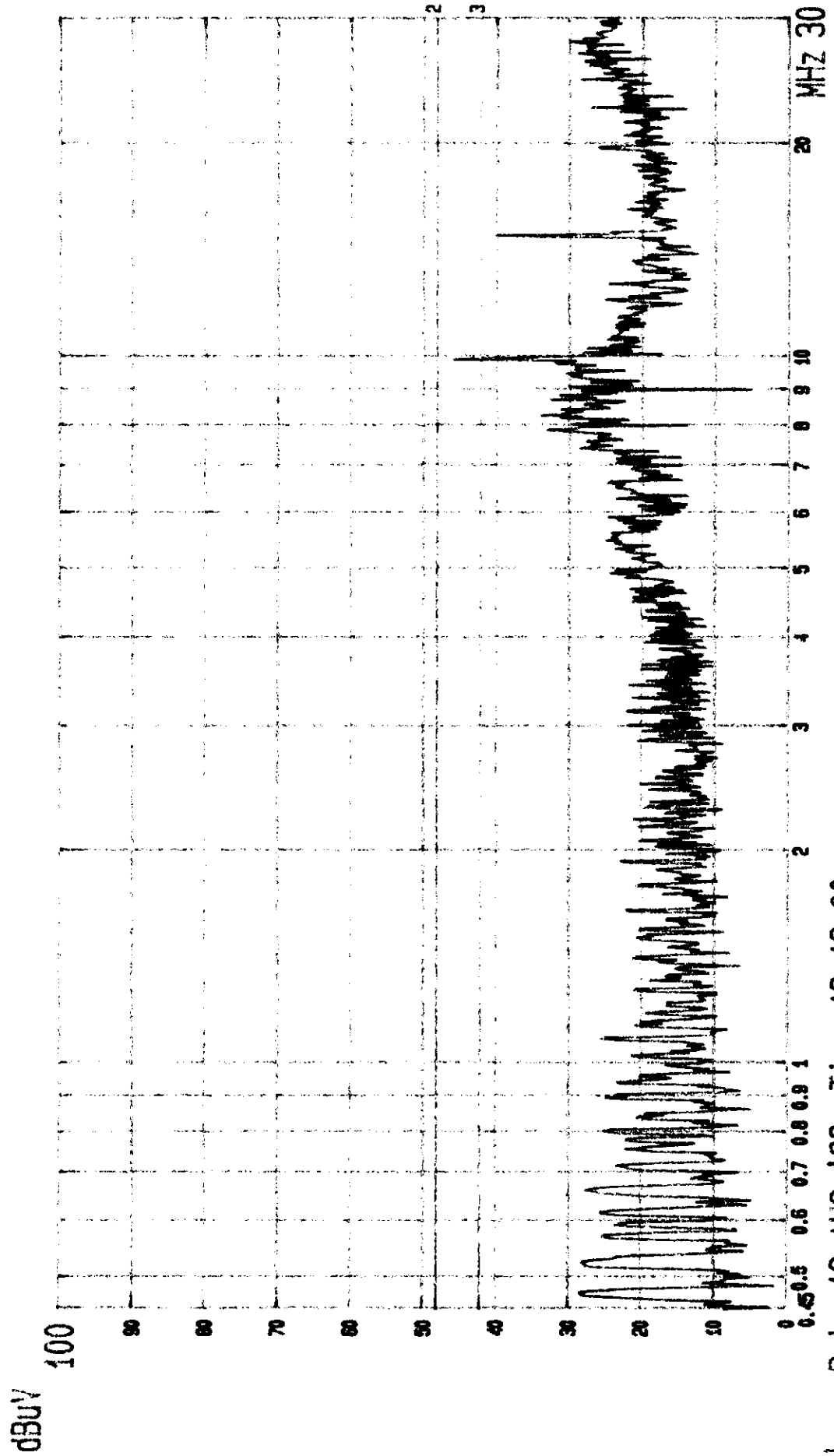
Date of Test : Aug. 12, 1998 Temperature : 27 °C

EUT : 15" Color Monitor Humidity : 45 %

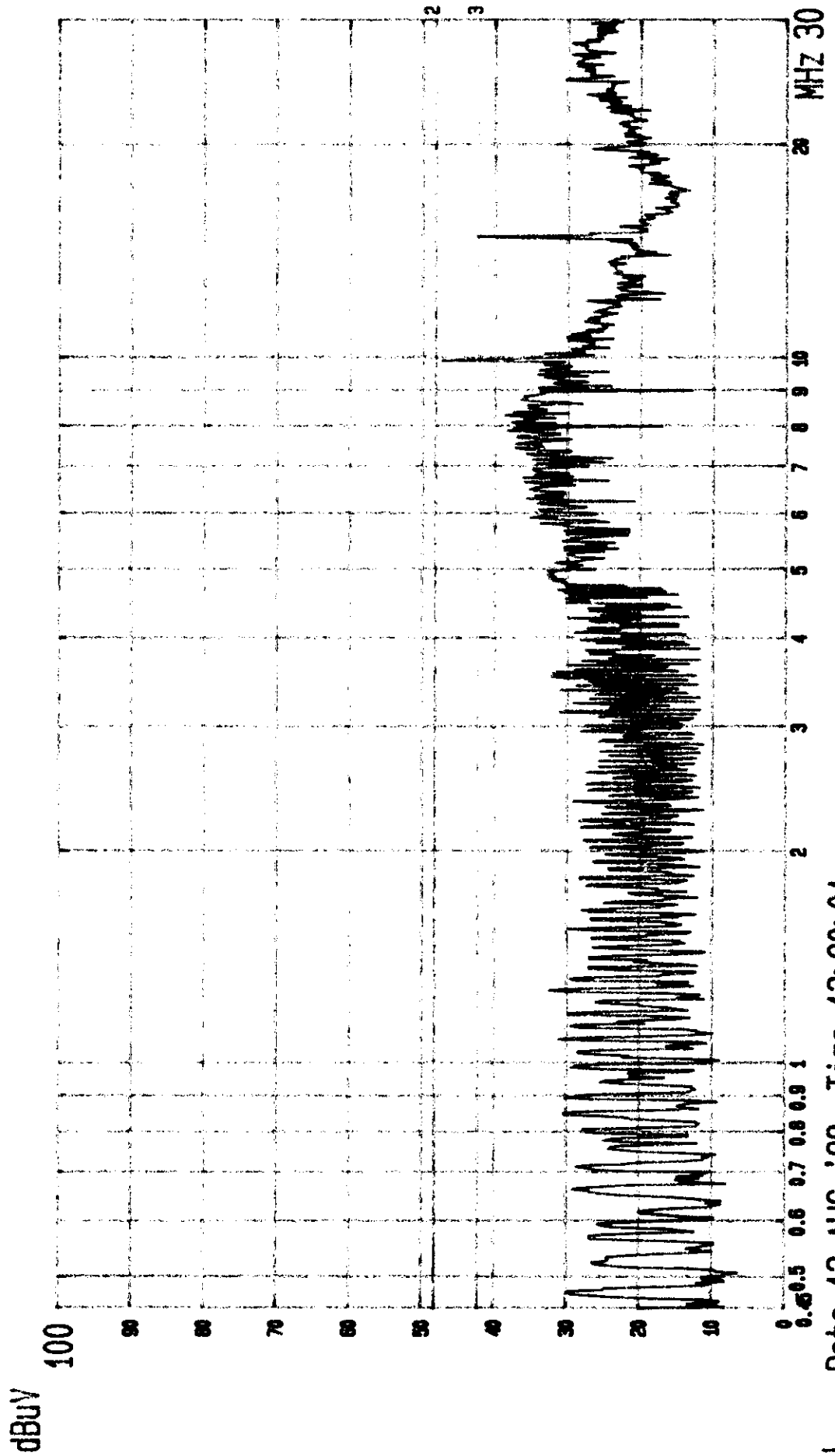
Test Mode : 46.87KHz (800*600, 75Hz) / EUT's power connected to L.I.S.N.

Frequency (MHz)	Factor dB	Measurement (dBuV)		Reading (dBuV)		Limits (dBuV)	Margin (dBuV)	
		VA	VB	VA	VB		VA	VB
0.5161	0.5	27.3	*	27.8	*	48.0	20.2	*
0.6568	0.5	26.4	27.6	26.9	28.1	48.0	21.1	19.9
3.1427	0.5	*	28.9	*	29.4	48.0	*	18.6
6.6609	0.8	*	34.6	*	35.4	48.0	*	12.6
8.2556	0.8	31.3	*	32.1	*	48.0	15.9	*
9.8975	0.8	44.6	45.3	45.4	46.1	48.0	2.6	1.9
14.8696	1.0	42.2	41.6	43.2	42.6	48.0	4.8	5.4
24.7667	1.1	*	30.8	*	31.9	48.0	*	16.1
27.8624	1.2	30.8	*	32.0	*	48.0	16.0	*

- Remark :
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 9.8975MHz with corrected signal level of 46.1dBuV (limit was 48dBuV) when the VB side of the EUT was connected to L.I.S.N.



L--- Date 12.AUG '98 Time 13:13:00
 Top Victory EUT: 15"Color Monitor M/N: 15E4220T/W/Z
 LINE: VA. MEMO: 46.87KHz (800X600; 75Hz)
 (PEAK VALUE) TTEMPC. PAGE: 008.

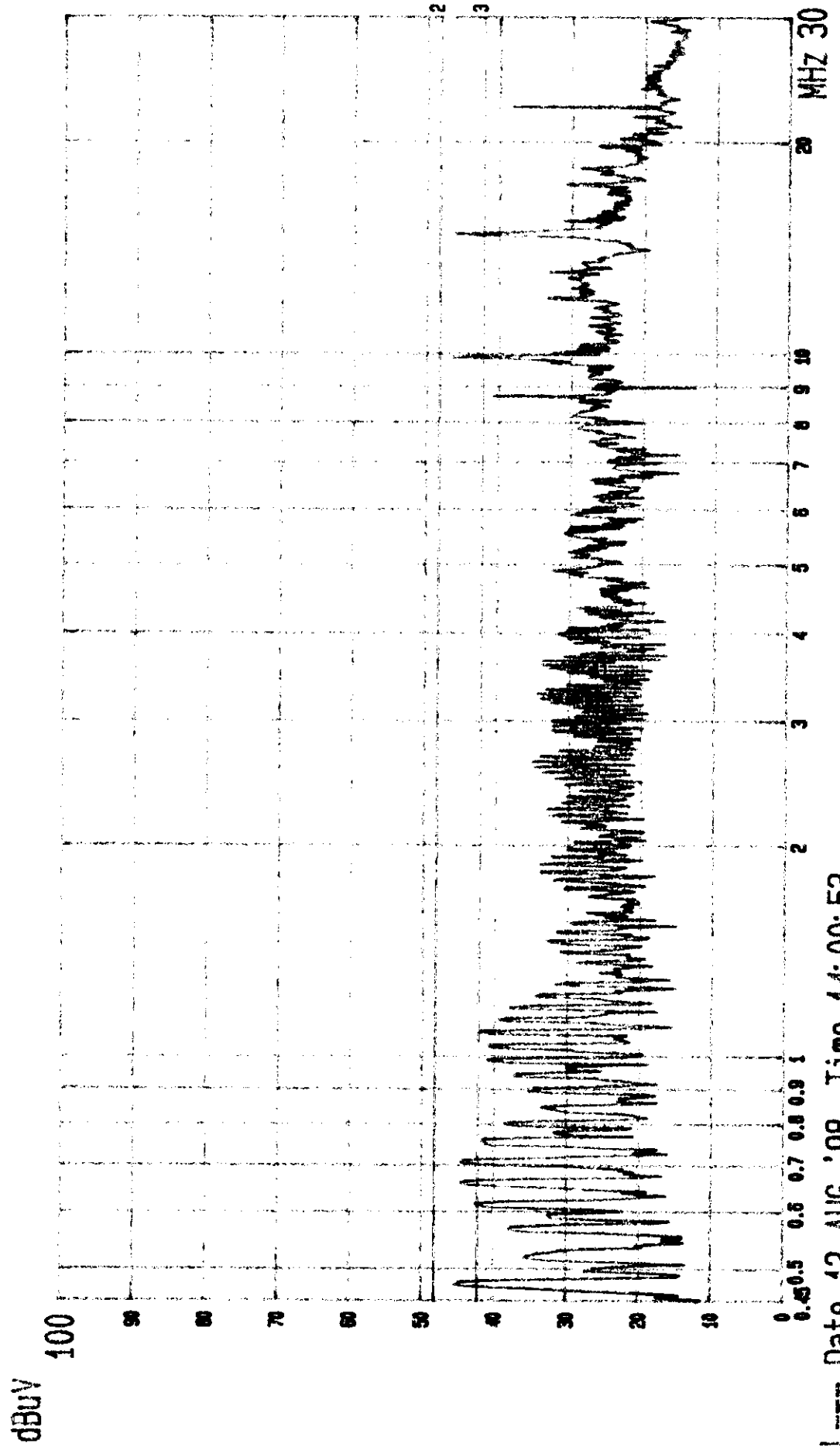


--- Date 12.AUG '98 Time 13:20:01
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 46.87KHz (800X600; 75Hz)
(PEAK VALUE) TTEM.C. PAGE: 007.

Date of Test : Aug. 12 1998 Temperature : 27 °CEUT : 15" Color Monitor Humidity : 45 %Test Mode : 46.87KHz (800*600, 75Hz) / EUT's power connected to PC

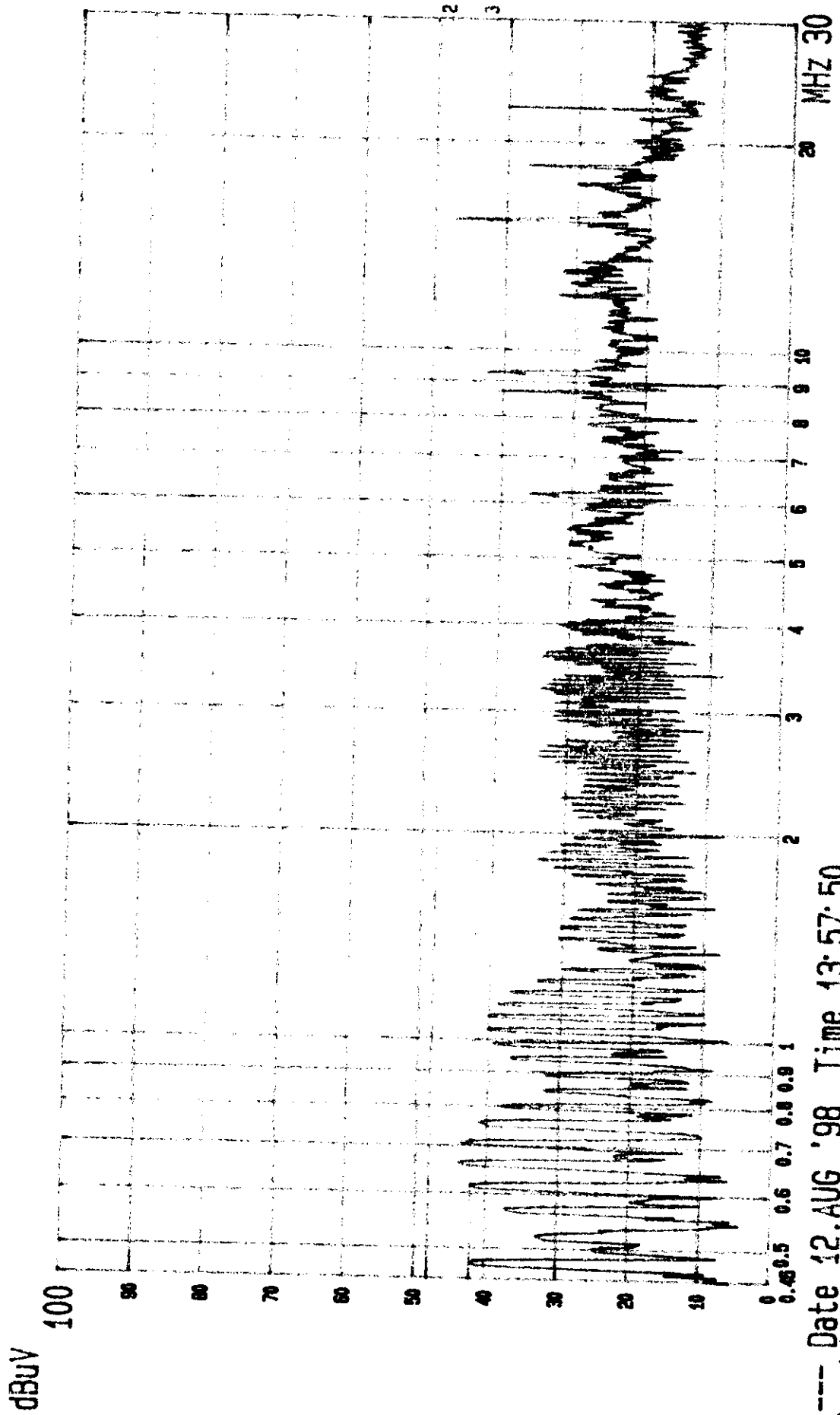
Frequency (MHz)	Factor dB	Measurement (dBuV)		Reading (dBuV)		Limits (dBuV)	Margin (dBuV)	
		VA	VB	VA	VB		VA	VB
0.4691	0.5	42.9	42.7	43.4	43.2	48.0	4.6	4.8
0.6567	0.5	43.2	43.1	43.7	43.6	48.0	4.3	4.4
1.0319	0.5	*	40.2	*	40.7	48.0	*	7.3
1.0789	0.5	41.3	*	41.8	*	48.0	6.2	*
9.8979	0.8	*	44.6	*	45.4	48.0	*	2.6
9.8980	0.8	44.3	*	45.1	*	48.0	2.9	*
14.8224	1.0	42.8	43.1	43.8	44.1	48.0	4.2	3.9
22.4999	1.1	*	41.1	*	42.2	48.0	*	5.8
22.5001	1.1	39.2	*	40.3	*	48.0	7.7	*

- Remark :
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 9.8979MHz with corrected signal level of 45.4dBuV (limit was 48dBuV) when the VB side of the EUT was connected to PC.



Date 12.AUG '98 Time 14:00:53
 Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
 LINE: VA. MEMO: 46.87KHz (800X600; 75Hz); EUT TO PC

PAGE: 008.
 (PEAK VALUE) TTENC.



Date 12.AUG '98 Time 13:57:50
 Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
 LINE: VB. MEMO: 46.87KHz (800X600; 75Hz); EUT TO PC
 (PEAK VALUE) ITEM: PAGE: 007.

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 :

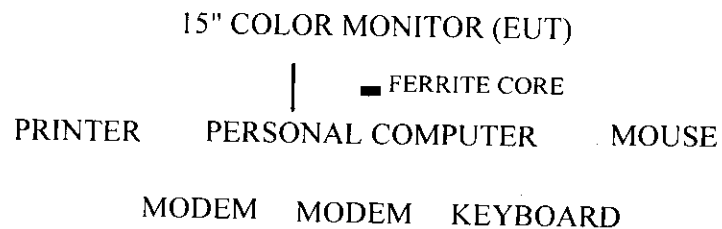
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8593A	3212A01727	Jul.25, 98'	1 Year
2.	Pre-Amplifier	HP	8447D	2944A06305	May 13, 98'	1 Year
3.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Dec.24, 97'	1 Year
4.	Broadband Antenna	Schwarzbeck	UHALP 9107	A3H	Dec.24, 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	Jul.24, 98'	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 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'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 (43.3KHz/640*480) operating situation at No. 2 Open Field Test Site and all the test results were listed in section 3.7.

3.7. Radiated Emission 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 : 15" Color Monitor Humidity : 64 %
 Test Mode : 43.3KHz (640*480 ; 85Hz)

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBuV	Emission Level Horizontal dBuV/m	Limits dBuV/m	Margin dBuV/m
47.291	17.66	1.94	1.70	21.30	40.00	18.70
51.645	15.58	1.98	0.60	18.16	40.00	21.84
55.632	13.77	2.17	4.20	20.14	40.00	19.86
63.978	11.42	2.24	7.00	20.66	40.00	19.34
72.318	12.10	2.35	5.00	19.45	40.00	20.55
* 80.670	14.05	2.46	7.30	23.81	40.00	16.19
130.734	20.36	3.22	-2.50	21.08	43.50	22.42
159.943	21.25	3.64	-2.00	22.89	43.50	20.61
210.356	22.20	4.13	-1.60	24.73	43.50	18.77
226.696	22.41	4.37	-2.50	24.28	46.00	21.72
268.422	24.70	4.85	-3.00	26.55	46.00	19.45
314.315	13.48	5.28	-2.40	16.36	46.00	29.64
326.824	13.84	5.45	-3.80	15.49	46.00	30.51
376.887	16.20	5.85	-3.50	18.55	46.00	27.45
414.446	16.97	6.20	-4.00	19.17	46.00	26.83
435.308	17.18	6.34	-3.70	19.82	46.00	26.18

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 80.670MHz with corrected signal level of 23.81dBuV/m (limit is 40dBuV/m) when the antenna was at horizontal polarization and was at 4 high and the turn table was at 275
 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 : 15" Color Monitor Humidity : 64 %
 Test Mode : 43.3KHz (640*480 ; 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
34.743	21.88	1.60	2.60	26.08	40.00	13.92
47.272	16.09	1.94	8.20	26.23	40.00	13.77
51.436	15.28	1.98	7.10	24.36	40.00	15.64
55.610	14.21	2.17	12.10	28.48	40.00	11.52
56.885	13.83	2.11	10.30	26.24	40.00	13.76
60.799	13.32	2.14	8.90	24.36	40.00	15.64
63.962	12.41	2.24	8.70	23.35	40.00	16.65
72.321	13.53	2.35	10.20	26.08	40.00	13.92
76.880	14.90	2.43	11.40	28.73	40.00	11.27
* 80.667	15.52	2.46	10.90	28.88	40.00	11.12
149.997	20.21	3.47	4.20	27.88	43.50	15.62
157.991	21.78	3.52	0.60	25.90	43.50	17.60
172.453	21.71	3.76	-3.50	21.97	43.50	21.53
189.143	20.84	3.92	-3.50	21.26	43.50	22.24
209.998	22.36	4.13	2.60	29.09	43.50	14.41
247.557	23.04	4.60	-3.10	24.54	46.00	21.46
314.346	14.12	5.28	-2.60	16.80	46.00	29.20
339.346	14.58	5.48	-3.60	16.46	46.00	29.54
376.897	15.21	5.85	-3.10	17.96	46.00	28.04
426.960	16.08	6.36	-0.60	21.84	46.00	24.16
443.654	16.62	6.41	-3.60	19.43	46.00	26.57

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 80.667MHz with corrected signal level of 28.88dBuV/m (limit is 40dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 160°.
 3. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

4. MODIFICATIONS TO EUT

1. Changed ferrite bead FB905 into ferrite bead with three turns.
2. Added a ferrite bead between D922 and Pin 16 of T901.
3. Added a 10000pF bypass capacitor on the Pin 16 of T901.
4. Added a ground wire between CRT ground and video board's cover.
5. Added a ground wire between FBT's ground and video board's cover.
6. Added a ground wire between safety ground and video board's cover.
7. Connected a ground wire from C822's ground to C835's ground.
8. Connected a ground wire from C826's ground to C834's ground.
9. Connected a ground wire from Q814's ground to GND1.

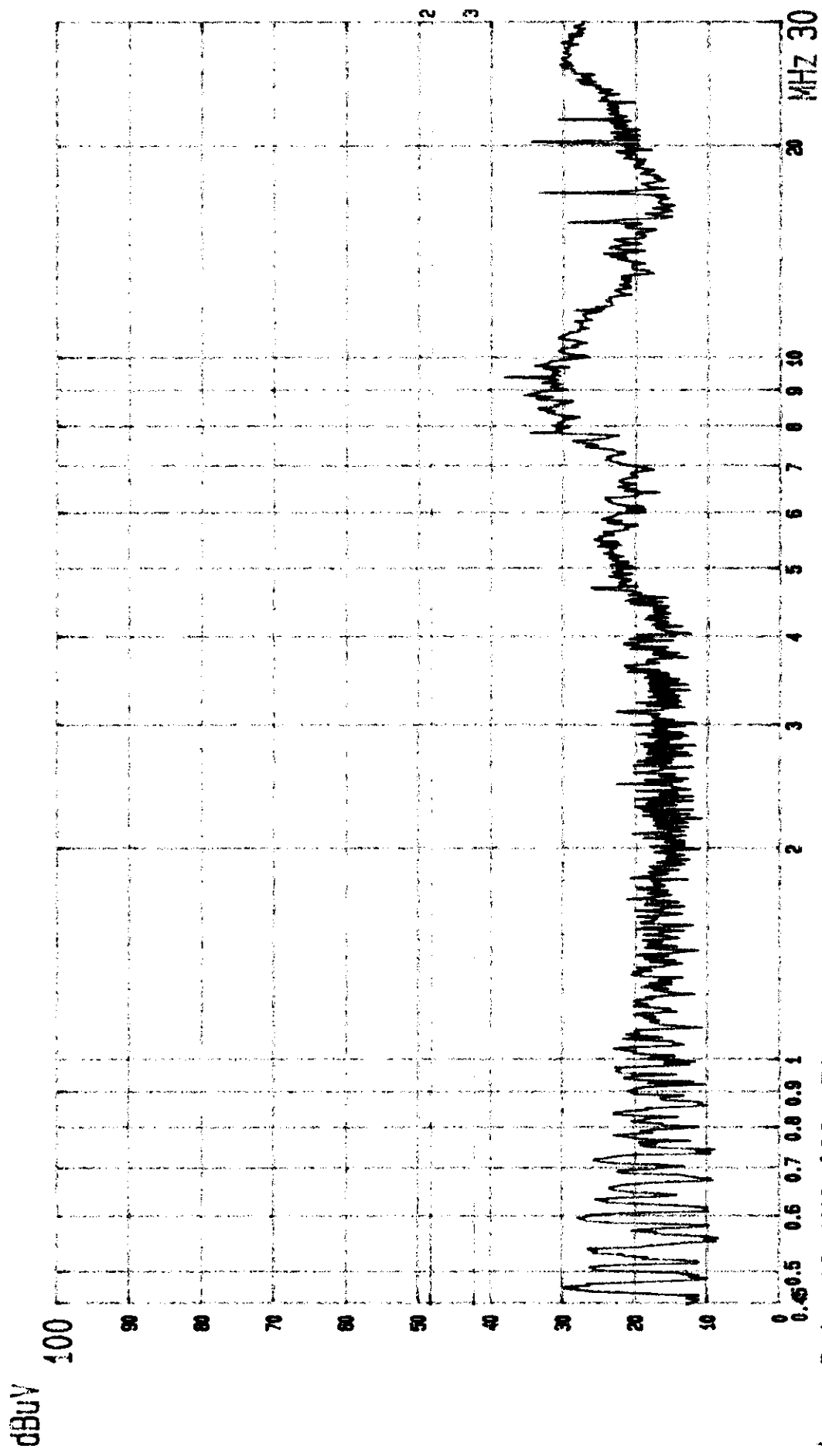
5. DEVIATION TO TEST SPECIFICATIONS

【 NONE 】

APPENDIX I

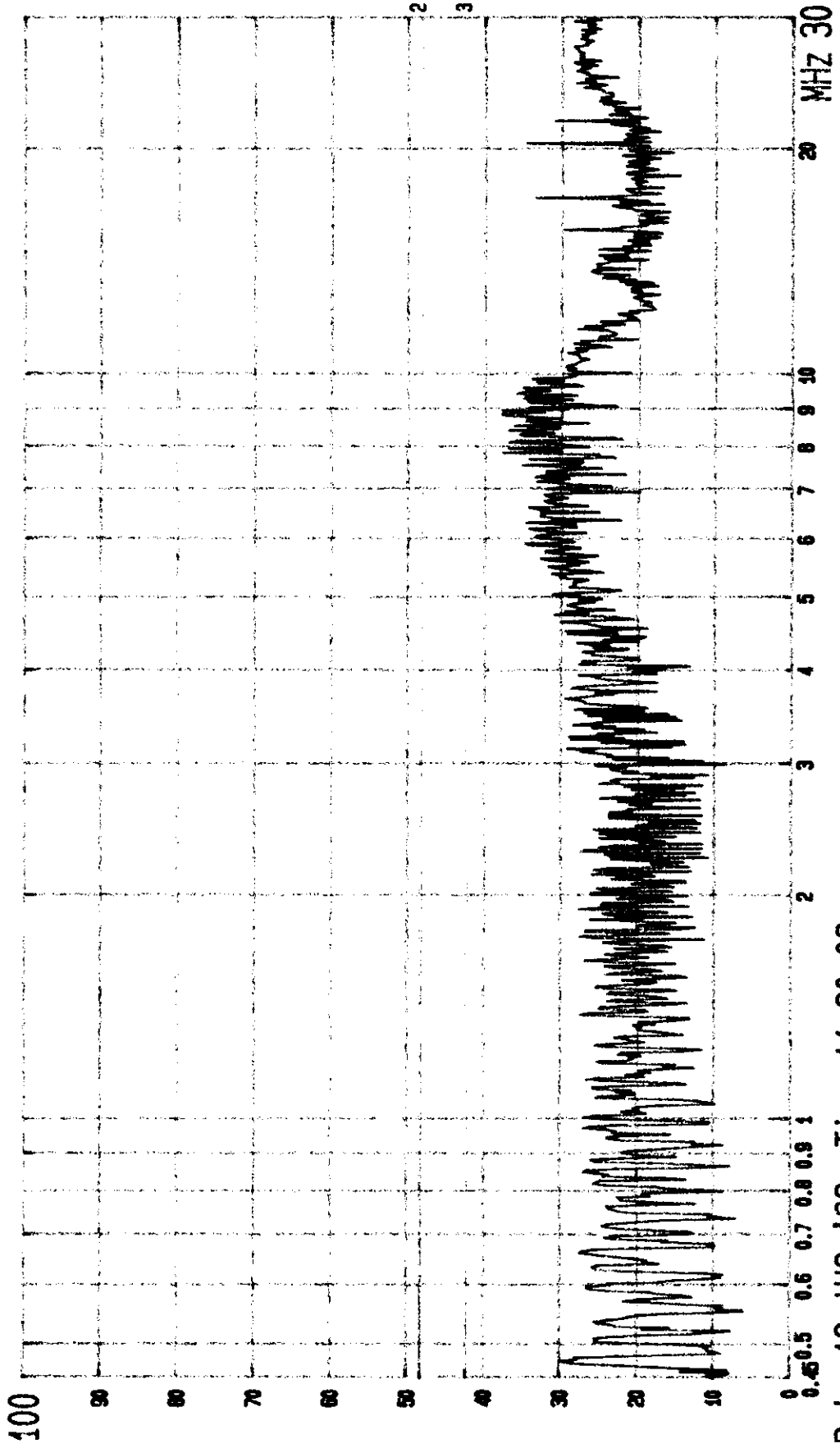
(Conducted Test Data)

(Total Page : 16)



--- Date 12.AUG '98 Time 11:23:25
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VA. MEMO: 31.47KHz (640X480; 60Hz)
(PEAK VALUE) TTEMC. PAGE: 001.

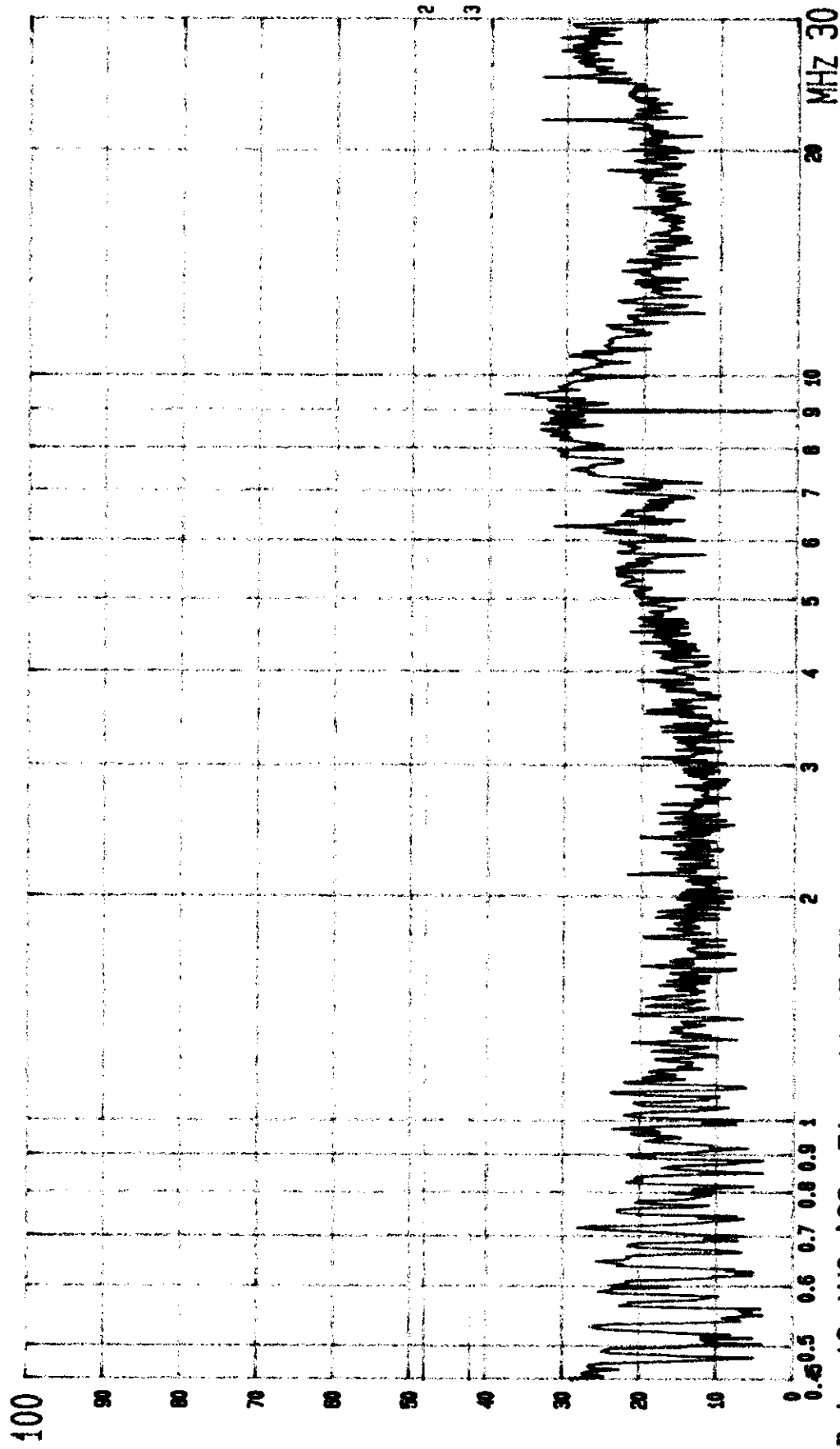
dBuV



----- Date 12.AUG '98 Time 11:20:03
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 31.47KHz (640X480; 60Hz)

PAGE: 002.
(PEAK VALUE) TTEM C.

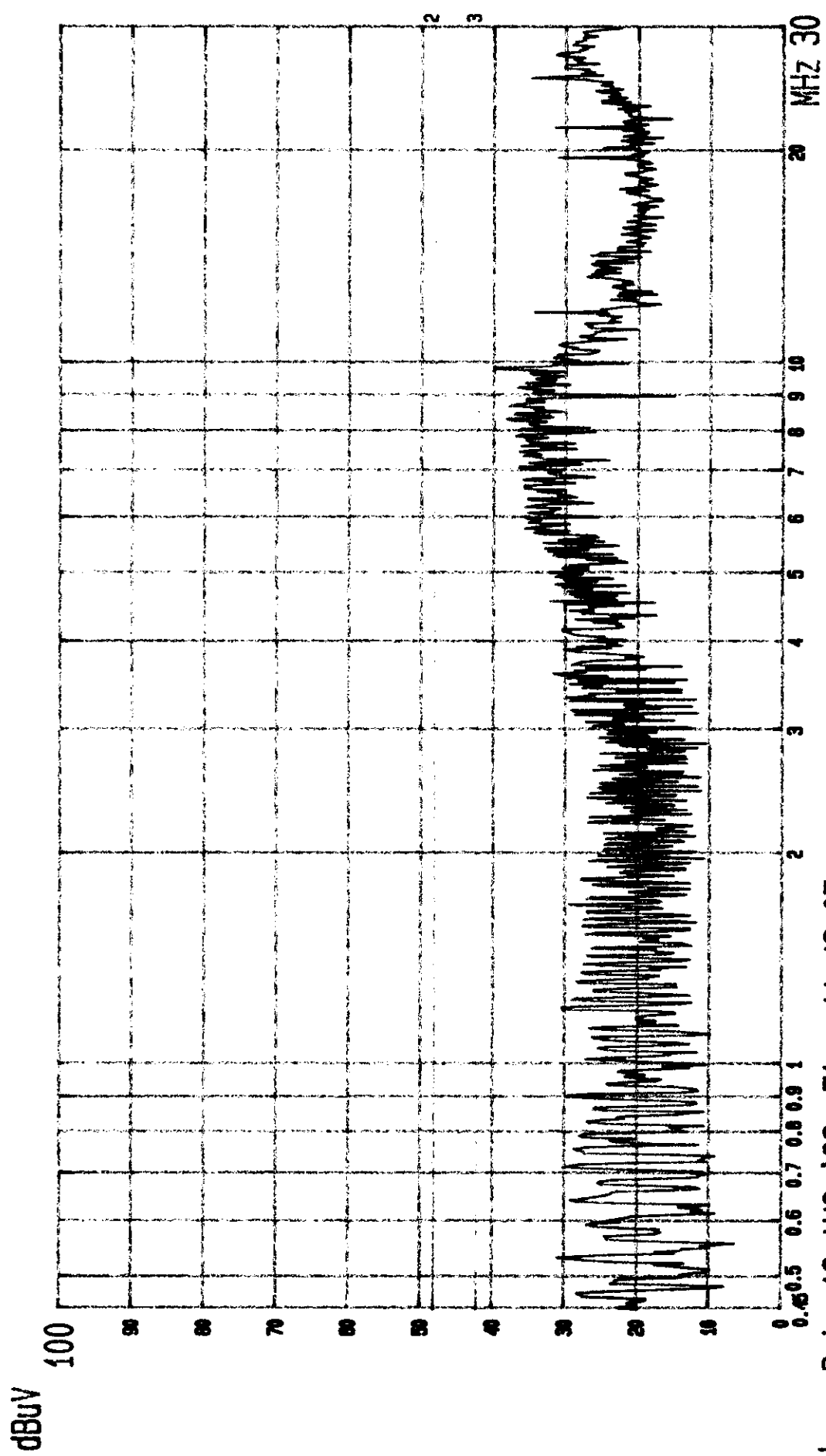
dBuV



----- Date 12.AUG '98 Time 11:45:58
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VA. MEMO: 37.5KHz (640X480; 75Hz)

(PEAK VALUE) ITEM C.

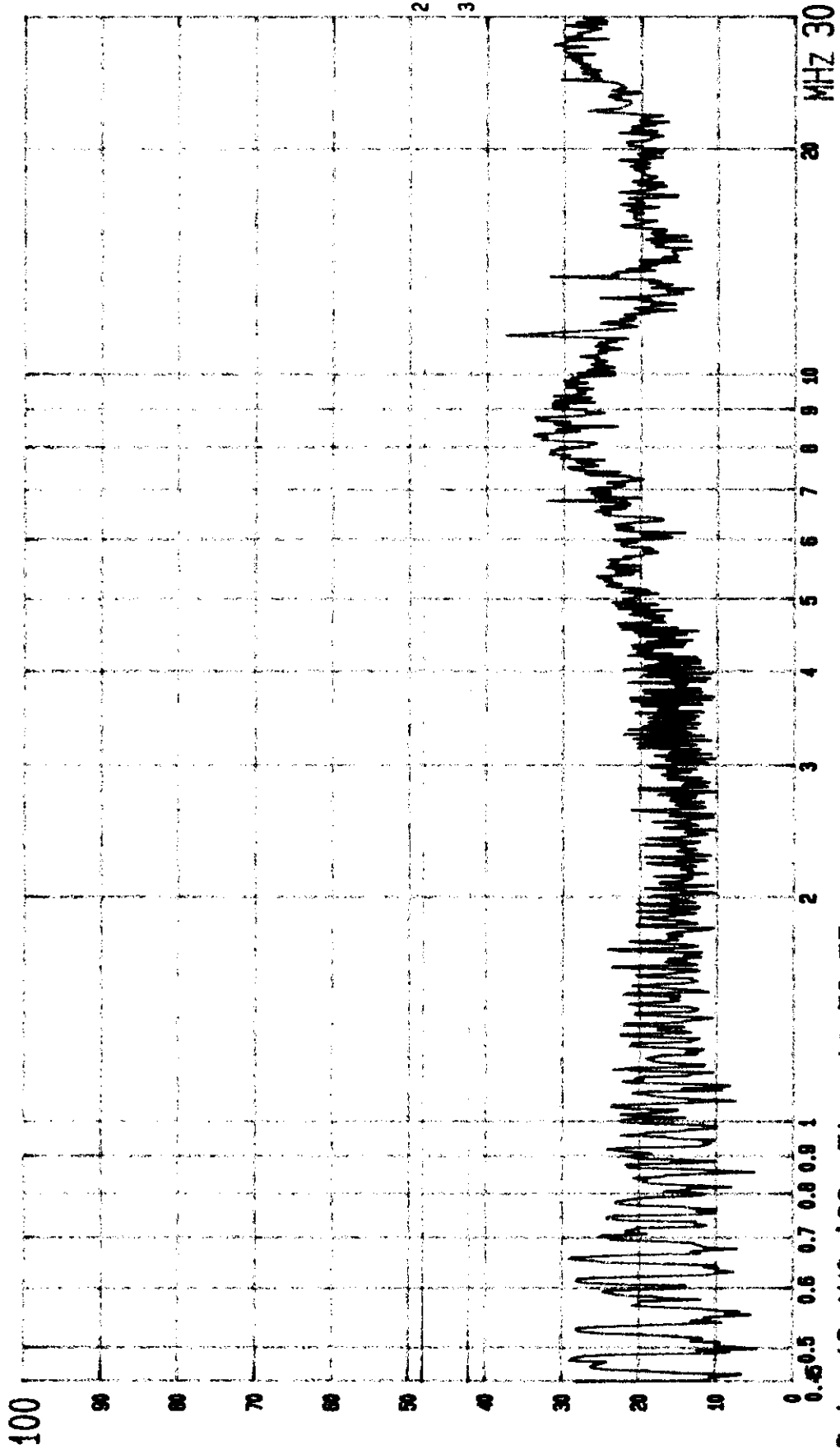
PAGE: 004.



--- Date 12.AUG '98 Time 11:43:07
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEM0: 37.5KHz (640X480; 75Hz)

PAGE: 003.
(PEAK VALUE) TTENC.

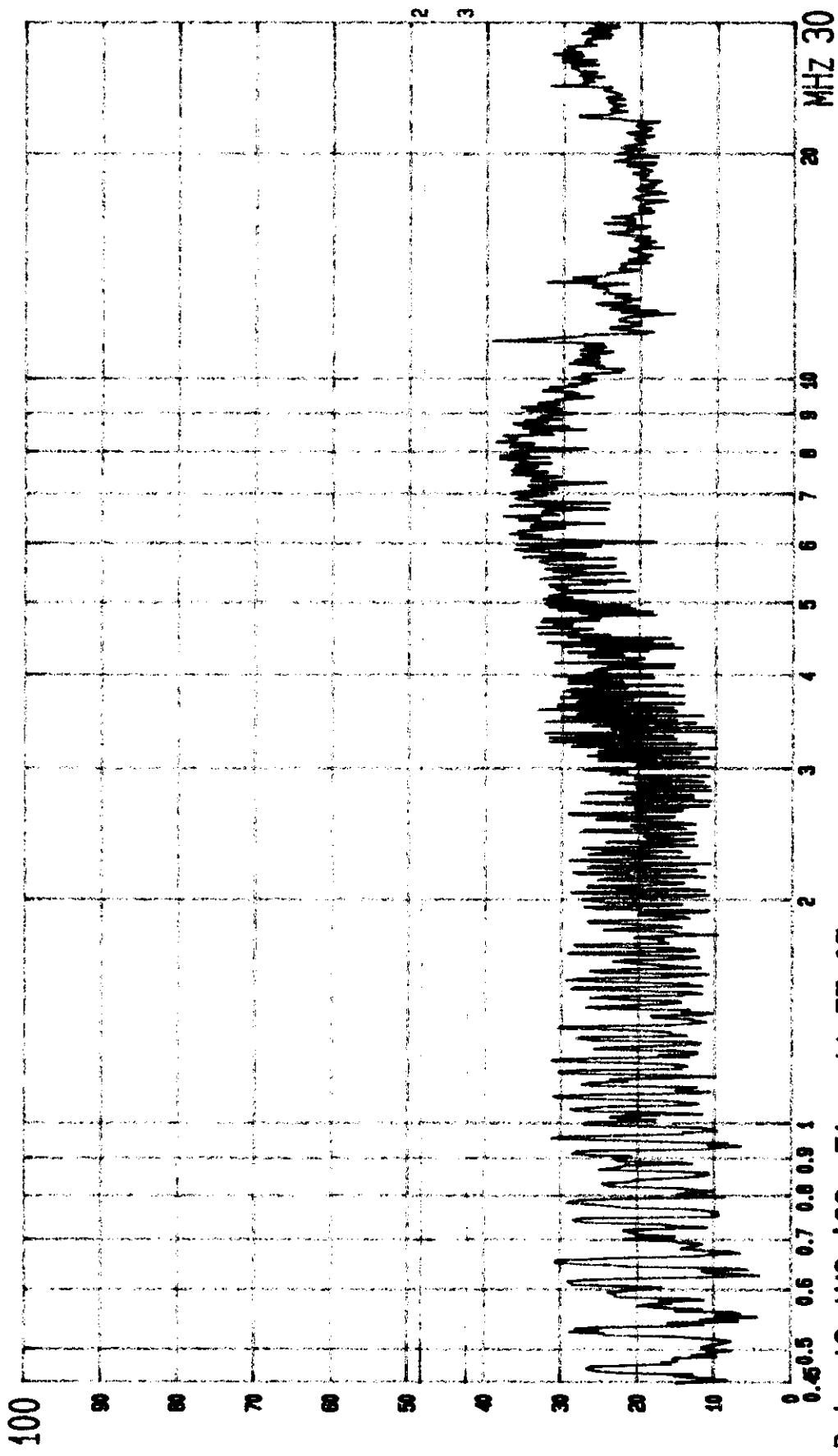
dBuV



--- Date 12.AUG '98 Time 11:53:55
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VA. MEMO: 43.3KHz (640X480; 85Hz)

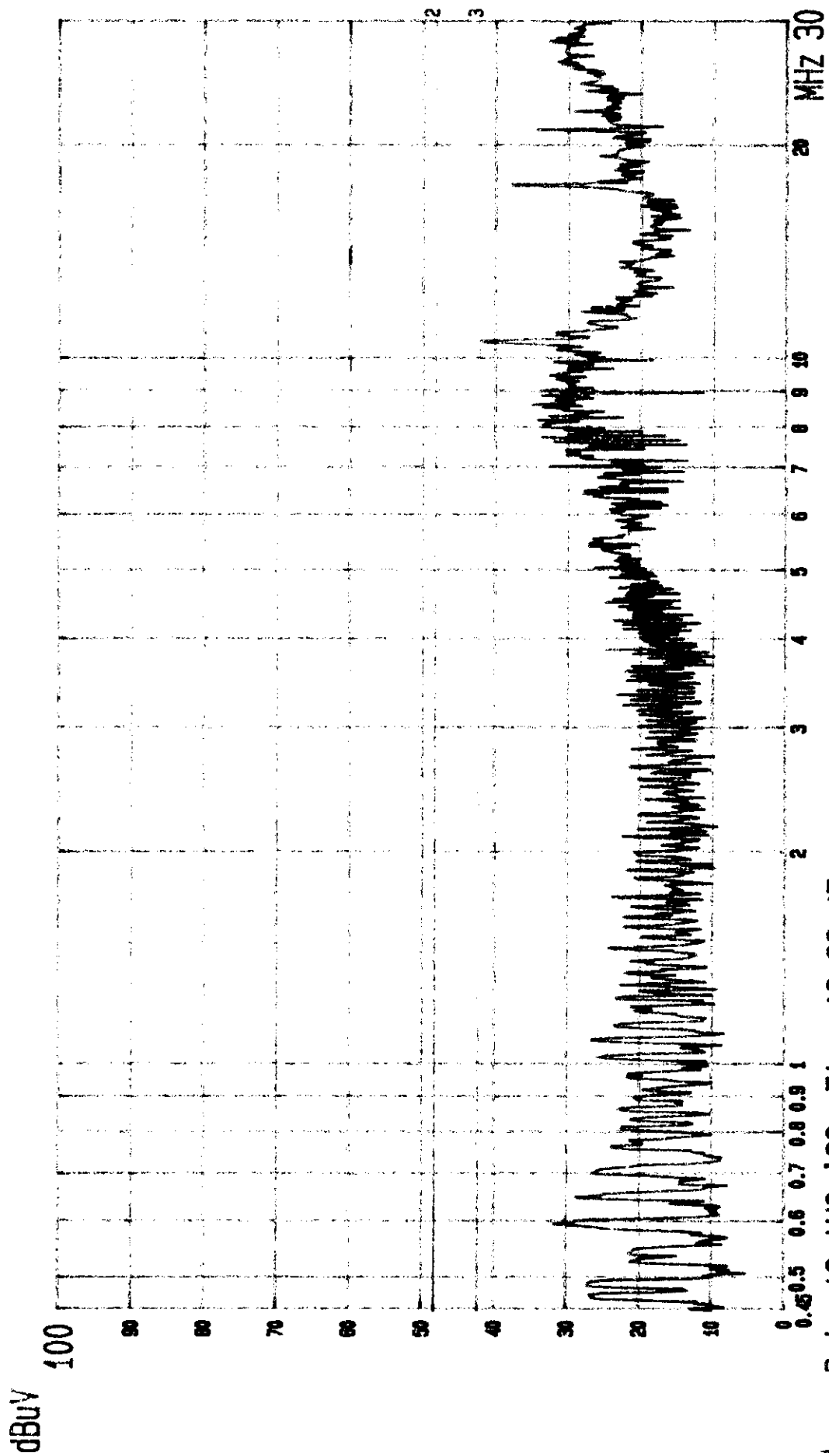
PAGE: 005.
(PEAK VALUE) TTEMC.

dBuV



--- Date 12.AUG '98 Time 11:57:05
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 43.3KHz (640X480; 85Hz)

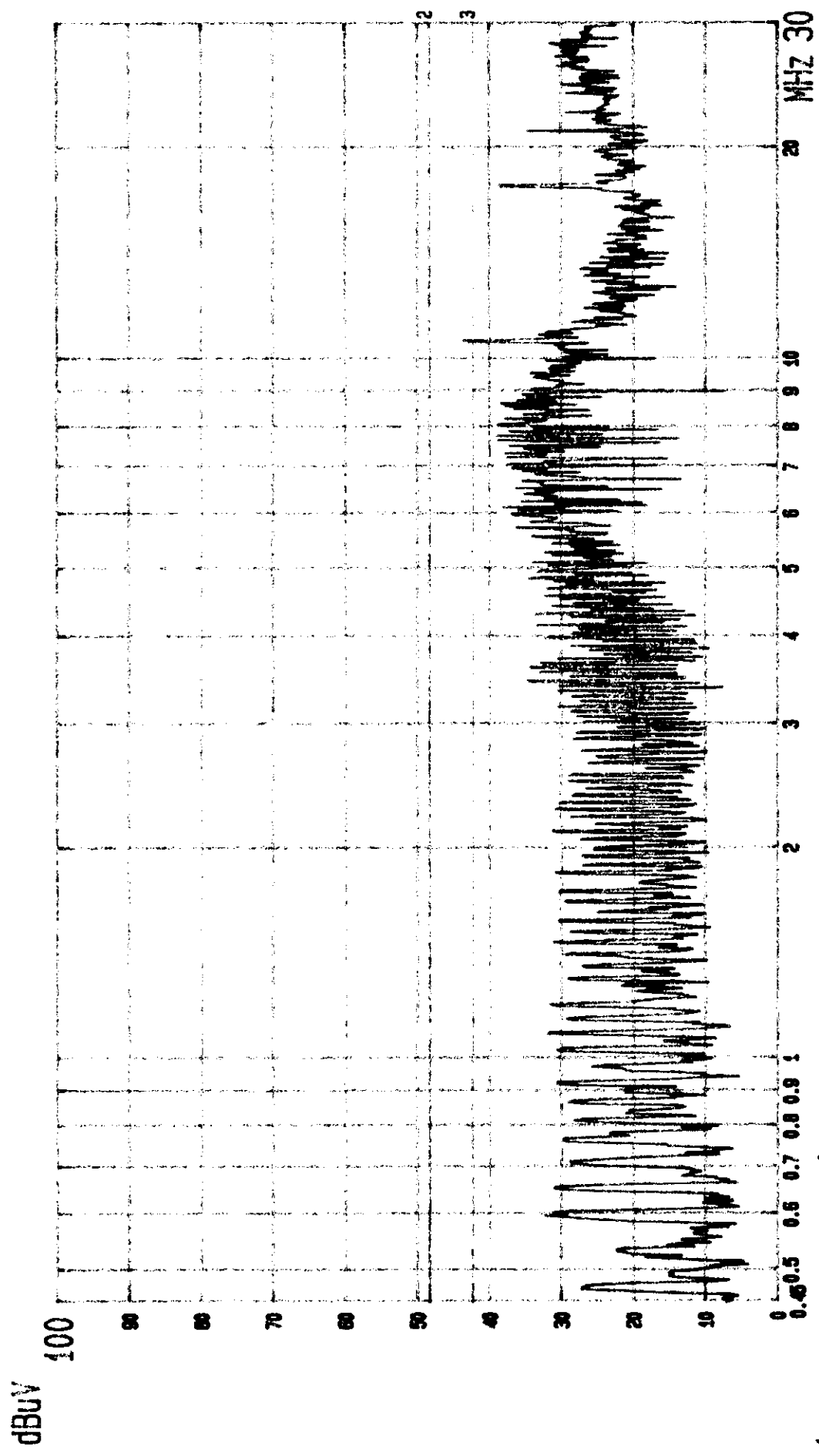
PAGE: 006.
(PEAK VALUE) TTEMG.



--- Date 12.AUG '98 Time 13:29:47
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VA. MEMO: 53.67KHz (800X600; 85Hz)

(PEAK VALUE) TTEMC.

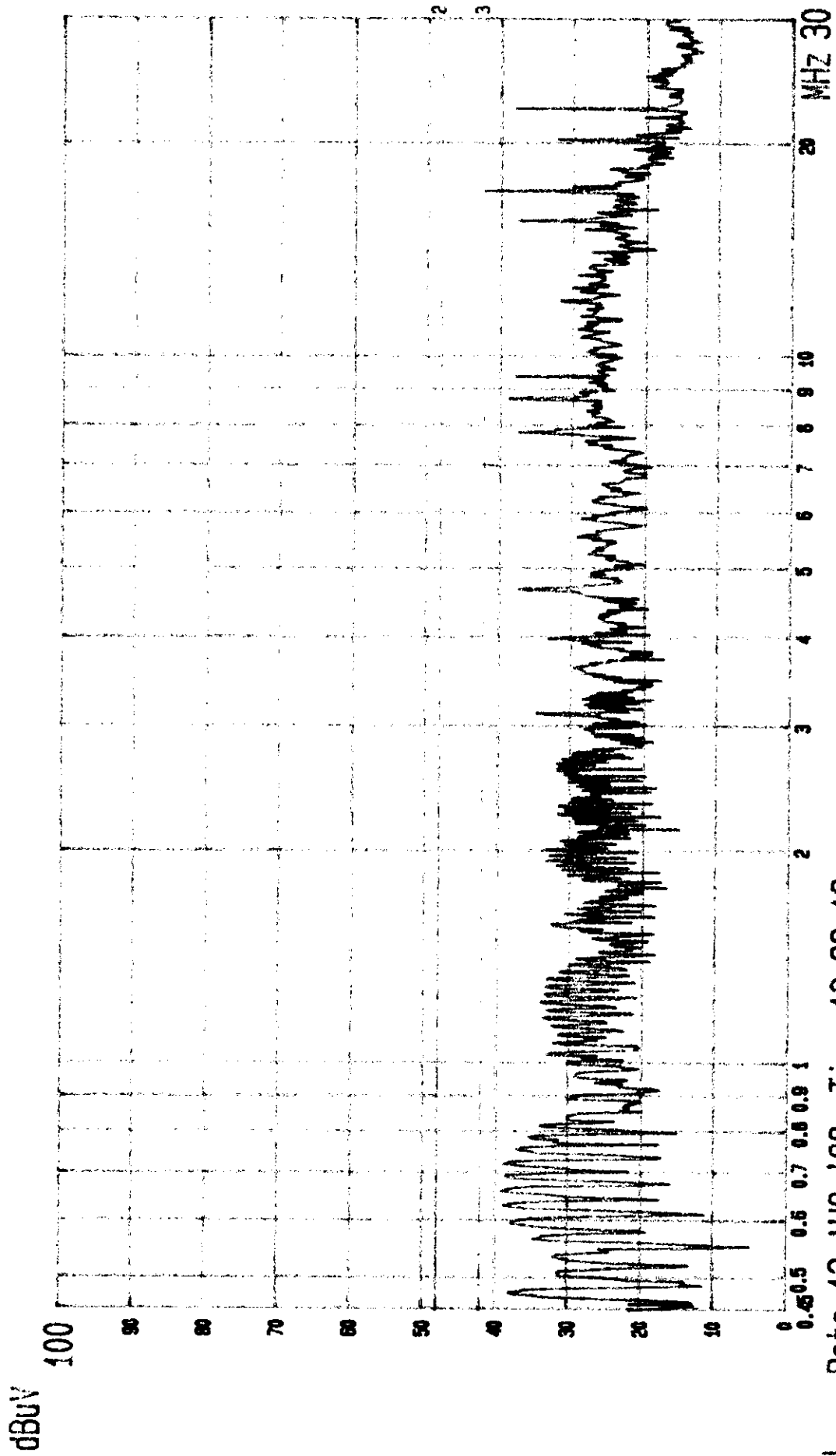
PAGE: 010.



--- Date 12.AUG '98 Time 13:26:18
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 53.67KHz (800X600; 85Hz)

(PEAK VALUE) ITEM C.

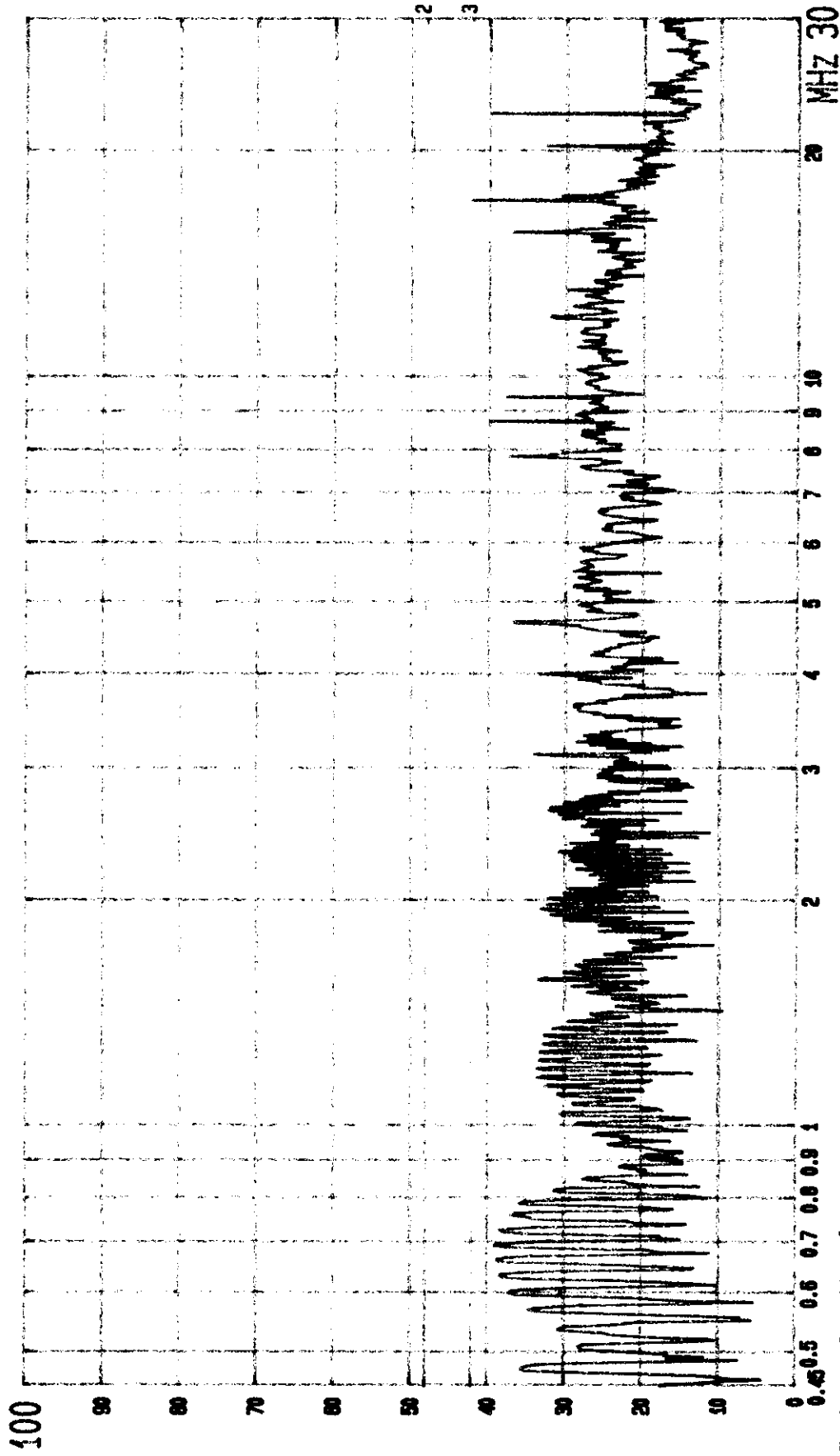
PAGE: 009.



--- Date 12.AUG '98 Time 13:38:13
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VA. MEMO: 31.47KHz (640X480; 60Hz); EUT TO PC

PAGE: 001.
(PEAK VALUE) TTEMPC.

dBuV

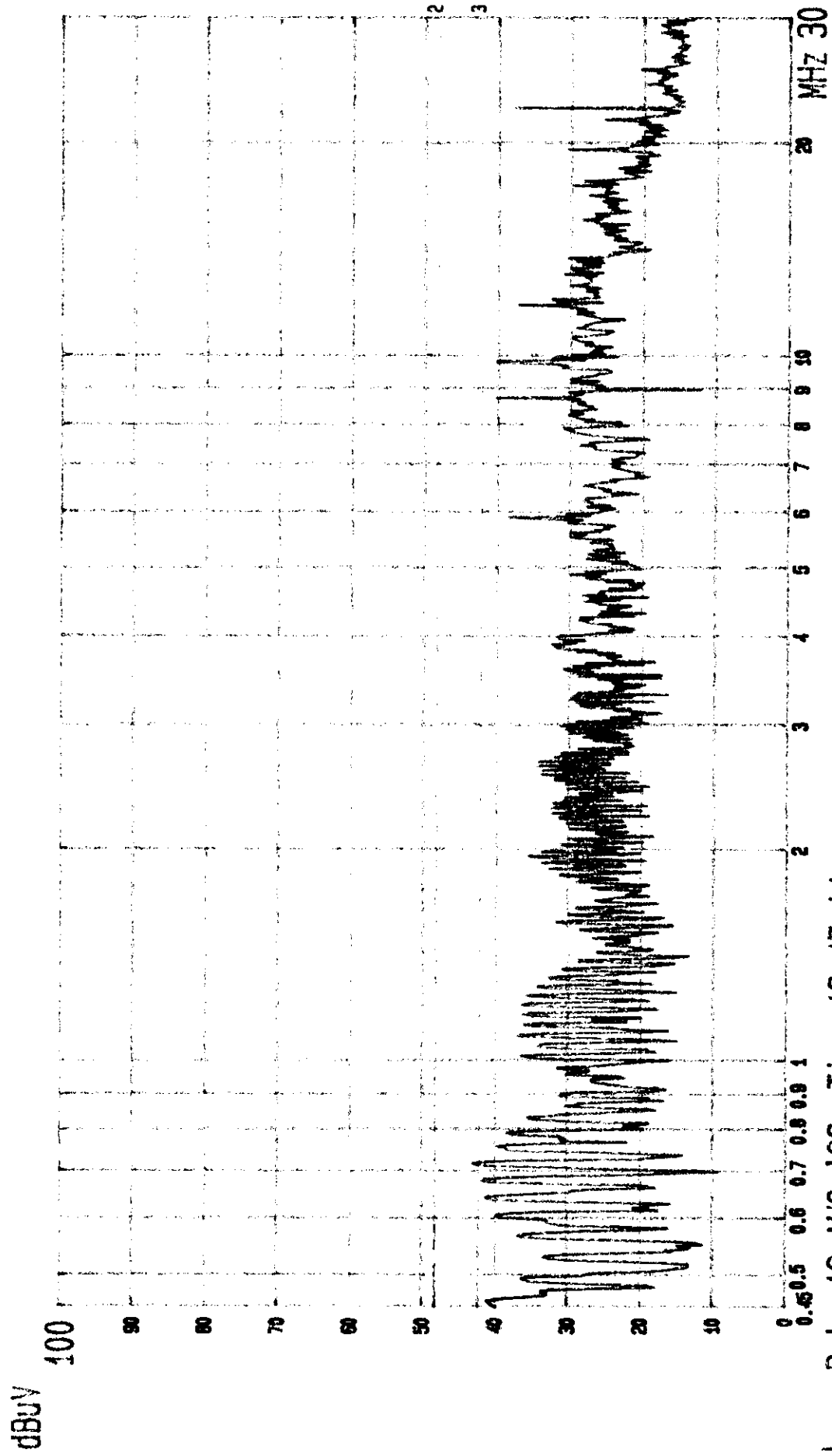


---- Date 12.AUG '98 Time 13:40:46

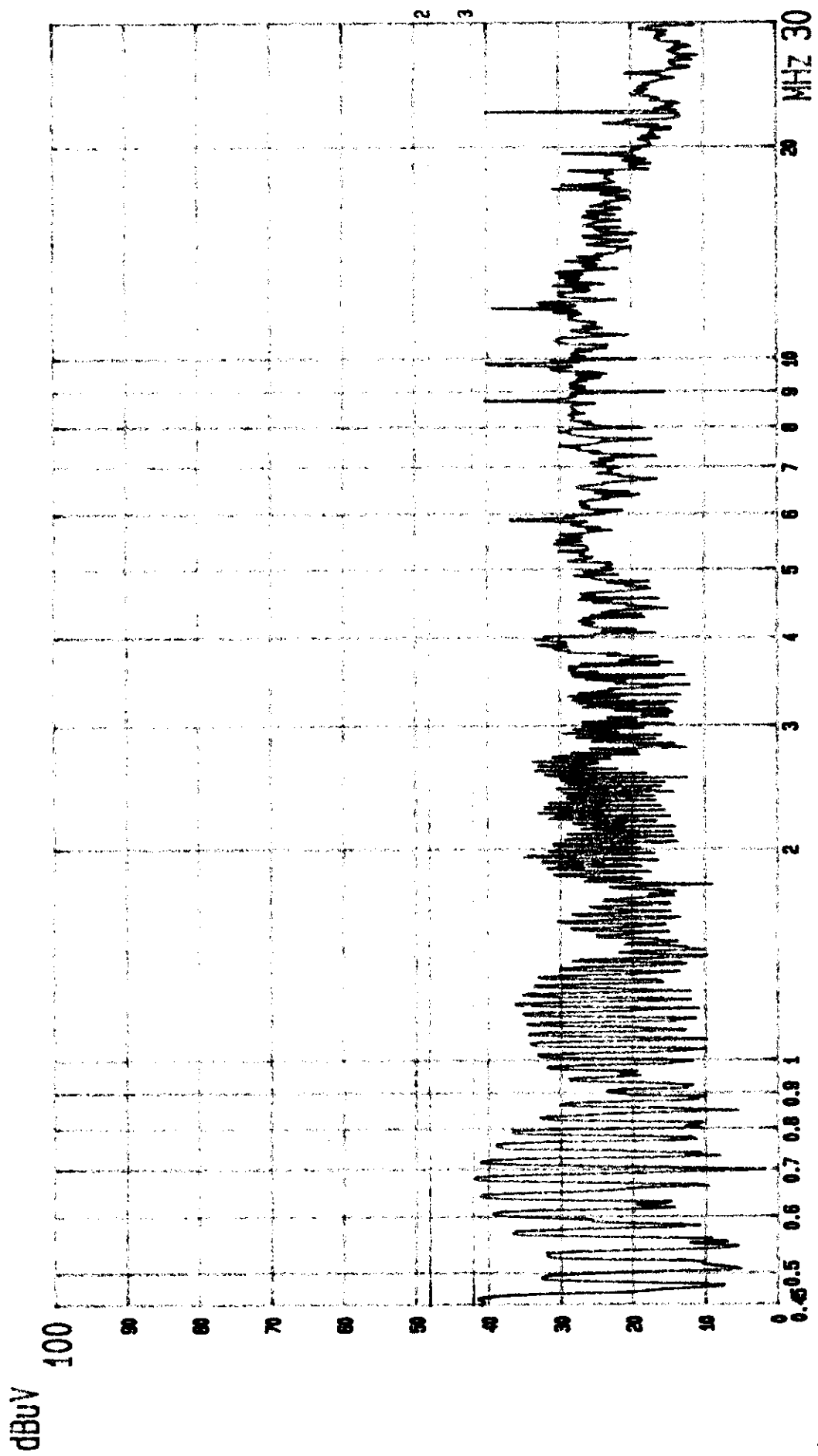
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z

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

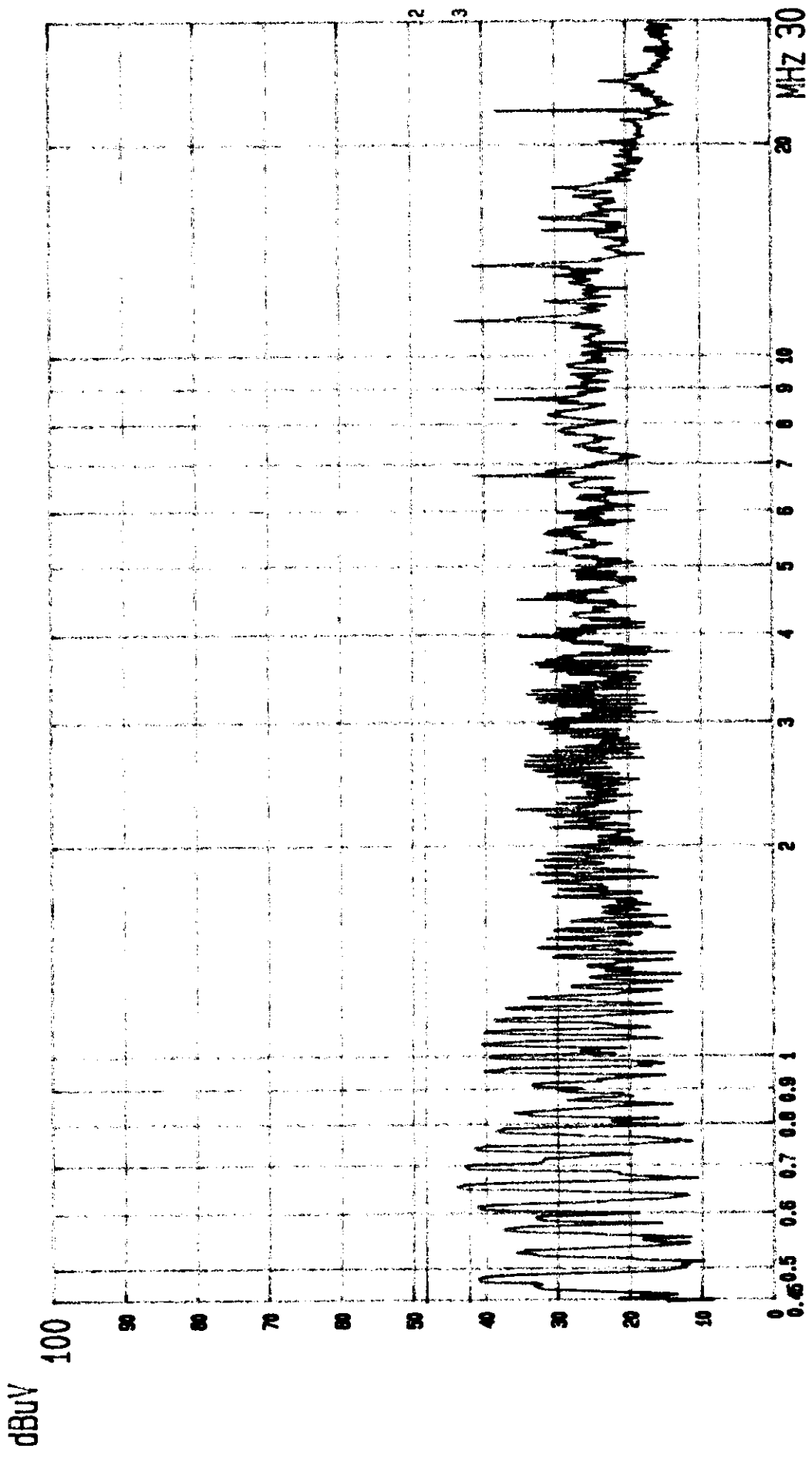
PAGE: 002.
(PEAK VALUE) TTEMC.



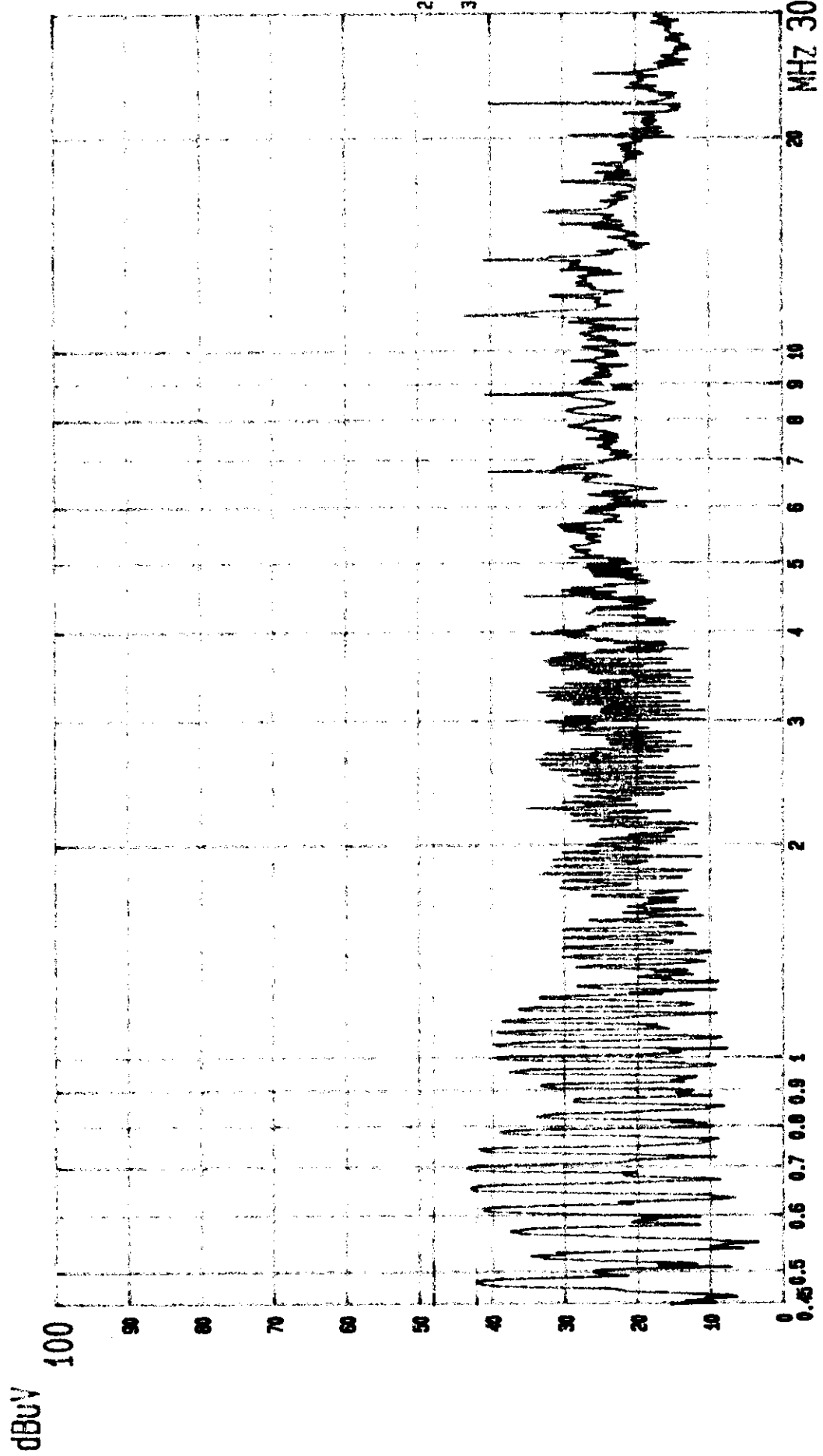
--- Date 12.AUG '98 Time 13:47:14
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VA. MEMO: 37.5KHz (640X480; 75Hz); EUT TO PC



--- Date 12.AUG '98 Time 13:44:42
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 37.5KHz (640X480; 75Hz); EUT TO PC
(PEAK VALUE) TTEMC. PAGE: 003.

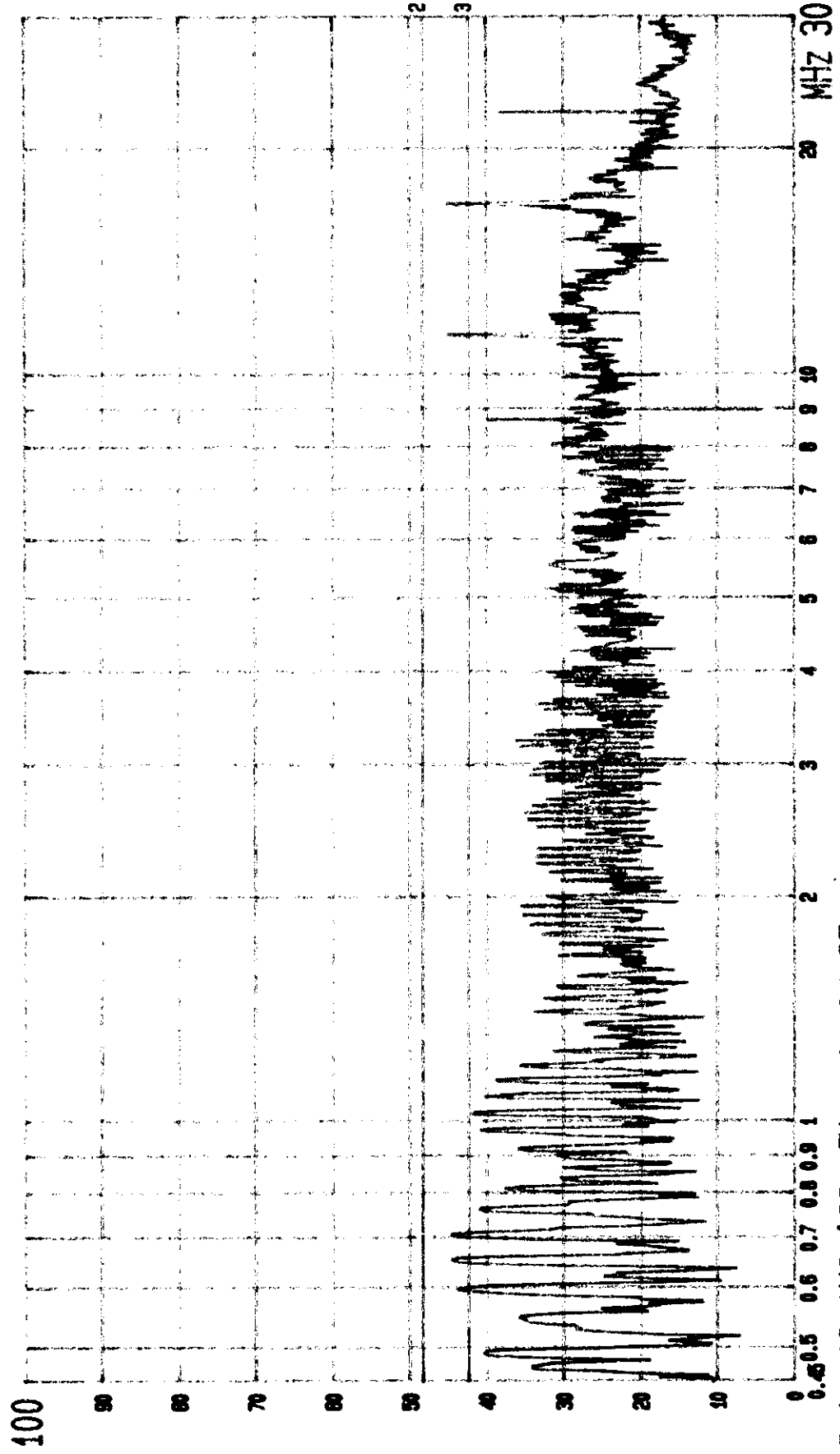


----- Date 12.AUG '98 Time 13:50:06
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VA. MEMO: 43.3KHz (640X480; 85Hz); EUT TO PC
(PEAK VALUE) TTEMC. PAGE: 005.



--- Date 12.AUG '98 Time 13:52:37
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 43.3KHz (640X480; 85Hz); EUT 10 PC
(PEAK VALUE) TTEMC. PAGE: 006.

dBuV

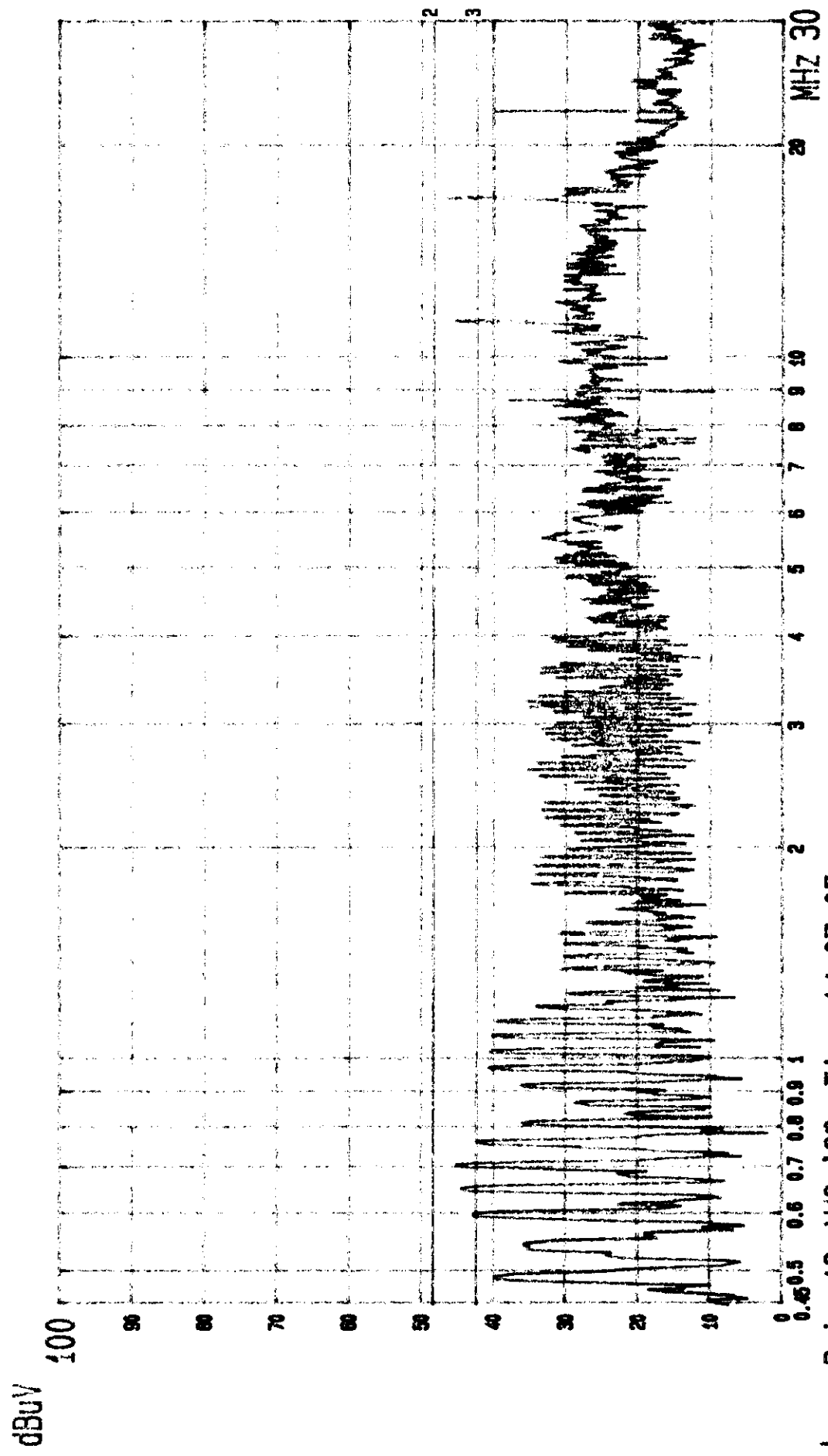


--- Date 12.AUG '98 Time 14:04:37

Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z

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

PAGE: 009.
(PEAK VALUE) TTEM.C.



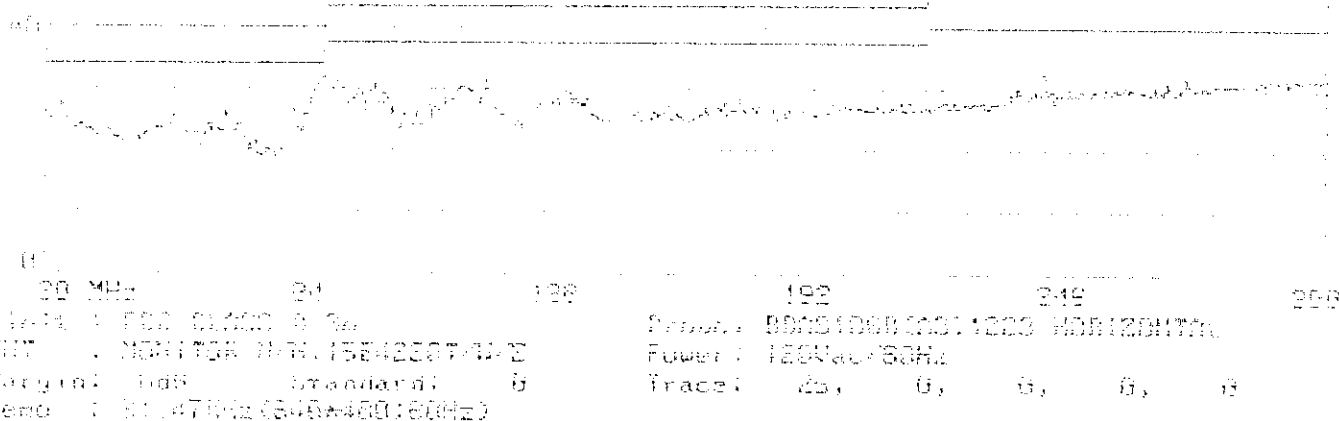
--- Date 12.AUG '98 Time 14:07:05
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 53.67KHz (800X600; 85Hz); EUT TO PC

APPENDIX II

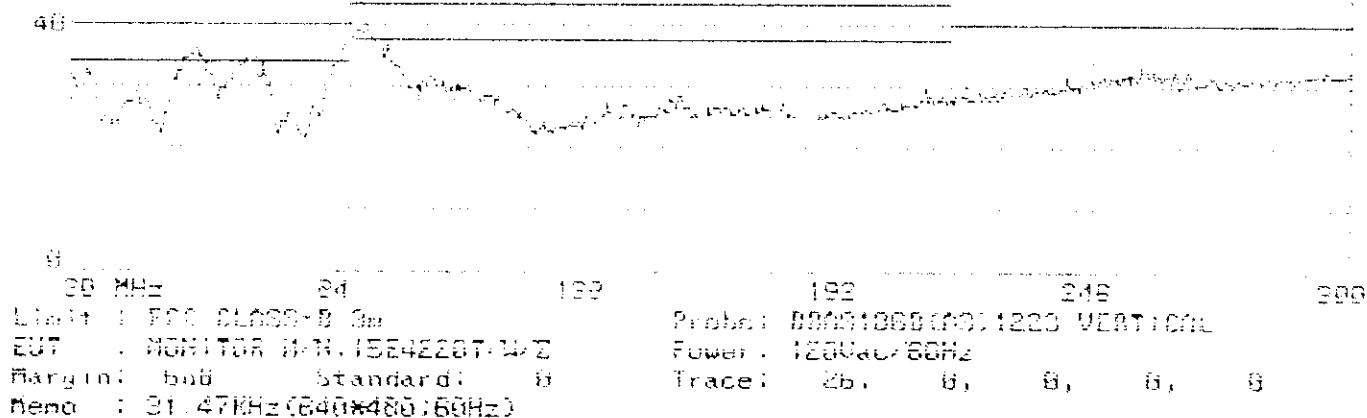
(Ratiated Test Data at Anechoic Chamber)

(Total Page : 10)

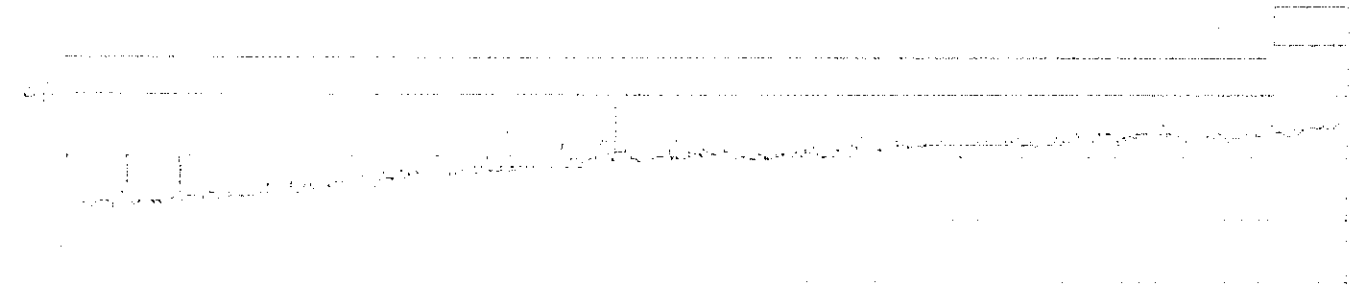
Page#1: 15 SP File#1: TOPUICT0.E1 Date: 07-29-1998 Time: 17:02:18
 450144 ANECHOIC CHAMBER TAIWAN TOKIN ENG. ENG. CORP.
 20



Page#1: 26 SP File#1: TOPUICT0.E1 Date: 07-29-1998 Time: 17:03:31
 450144 ANECHOIC CHAMBER TAIWAN TOKIN ENG. ENG. CORP.
 40

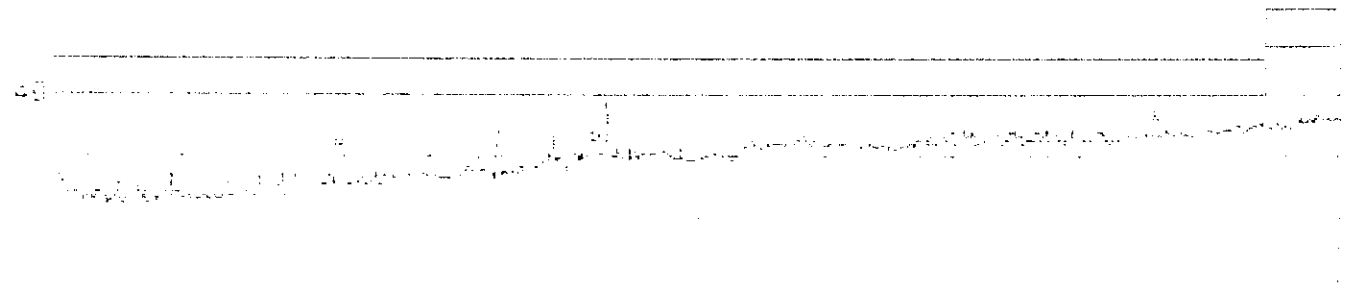


SR0014 ANECHOIC CHAMBER 17:07:00 TRIVAN TORIN EMC ENG. CORP.



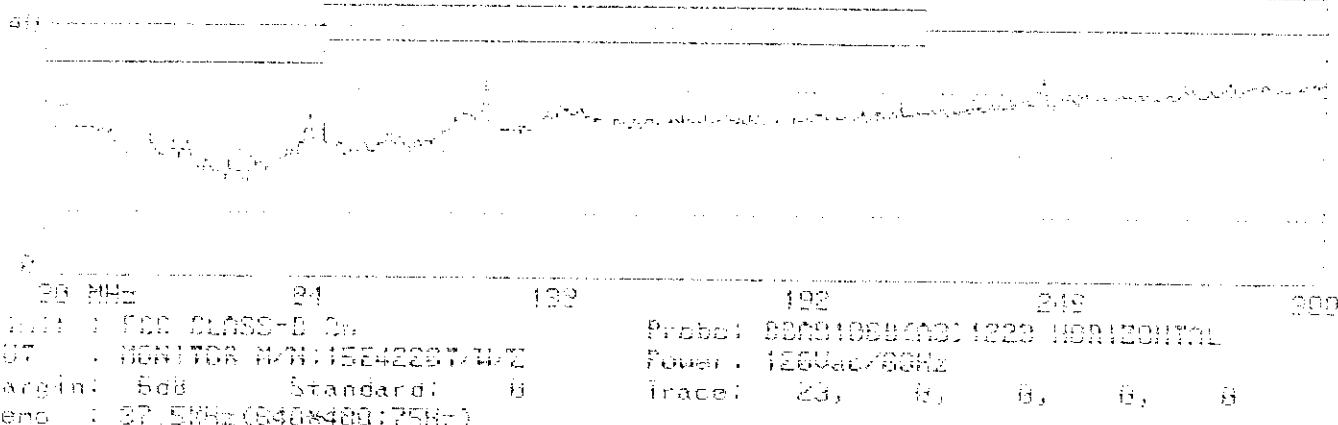
300 MHz 400 500 600 700 800 900
 Limit : FCC CLASS-B 3a Probe: UHF1P01078(03)1223 HORIZONTAL
 EUT : MONITOR W/H.15842207/W/Z Power : 1200uA/60Hz
 Margin: 6dB Standard: B Trace: 20, 0, 0, 0, 0
 Memo : 31.47KHz(640*400;60Hz)

Page#: 28 SP File#: TORUNTO 51 Date: 07-29-1999 Time: 17:07:00
 SR0014 ANECHOIC CHAMBER TRIVAN TORIN EMC ENG. CORP.

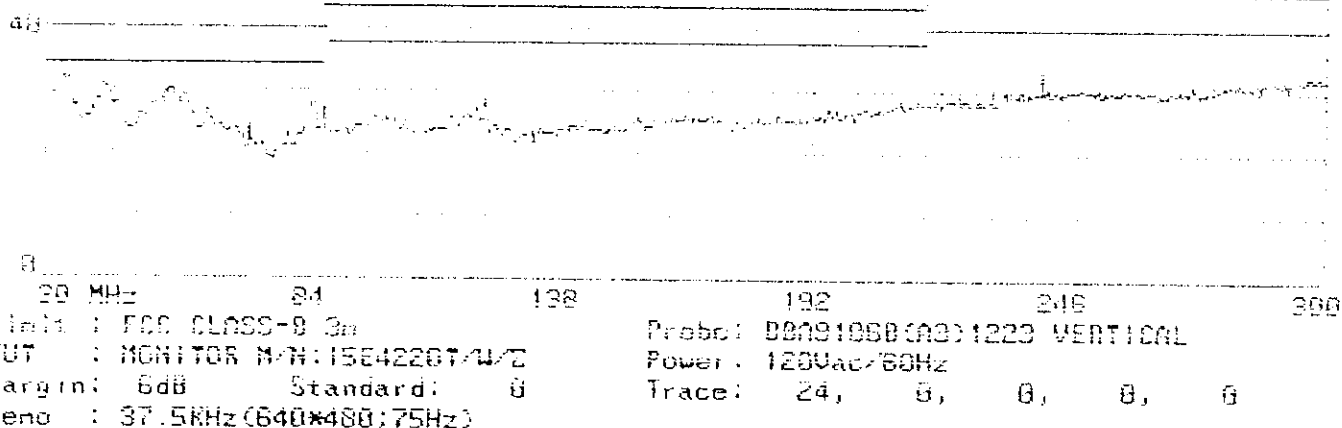


300 MHz 400 500 600 700 800 900
 Limit : FCC CLASS-B 3a Probe: UHF1P01078(03)1223 VERTICAL
 EUT : MONITOR W/H.15842207/W/Z Power : 1200uA/60Hz
 Margin: 6dB Standard: B Trace: 20, 0, 0, 0, 0
 Memo : 31.47KHz(640*400;60Hz)

Page#: 23 SP File#: TOPUICTD.EI Date: 87-29-1998 Time: 16:56:57
 4900/m ONECHN1C CHAMBER TAIWAN TORIN EMC ENG. CORP.



Page#: 24 SP File#: TOPUICTD.EI Date: 87-29-1998 Time: 16:58:01
 4900/m ONECHN1C CHAMBER TAIWAN TORIN EMC ENG. CORP.



Page#: 21 SP File#: TOPUI070.E1 Date: 07-29-1998 Time: 16:53:16
 200MHz ONECHD10 CHA42EE TAIWAN TOKIN EMC ENG. CORP.
 30

40

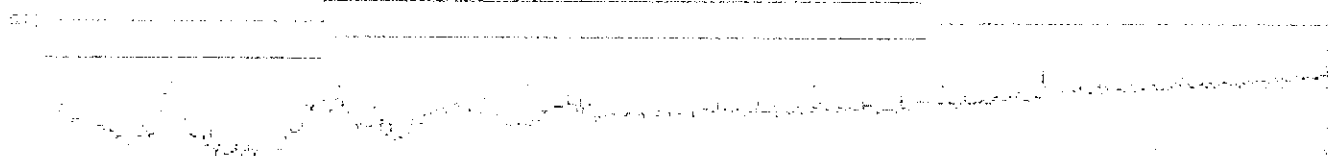
300 MHz 400 500 700 800 1000
 Limit: 100.01000-5.0m Probe: UNCLP0107B/MS1223 HORIZONTAL
 EUT: MONITOR N.N.15E4228T-W/Z Power: 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 21, 0, 0, 0, 0
 Memo: 37.5KHz(640x480;75Hz)

Page#: 22 SP File#: TOPUI070.E1 Date: 07-29-1998 Time: 16:54:10
 200MHz ONECHD10 CHA42EE TAIWAN TOKIN EMC ENG. CORP.
 30

40

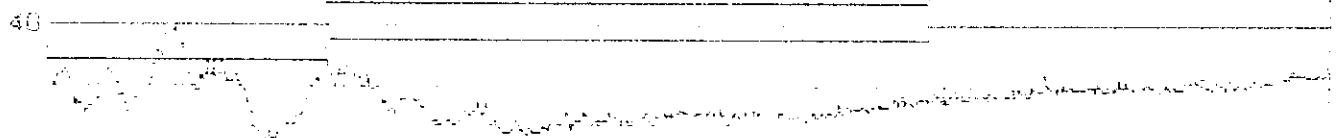
300 MHz 400 500 700 800 1000
 Limit: 100.01000-5.0m Probe: UNCLP0107B/MS1223 VERTICAL
 EUT: MONITOR N.N.15E4228T-W/Z Power: 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 22, 0, 0, 0, 0
 Memo: 37.5KHz(640x480;75Hz)

Page#: 17 SP File#: TOPVICT01.E1 Date: 07-29-1998 Time: 16:45:02
 40dB/m ANECHOIC CHAMBER TAIWAN TOXIN ENG. ENG. CORP.
 30

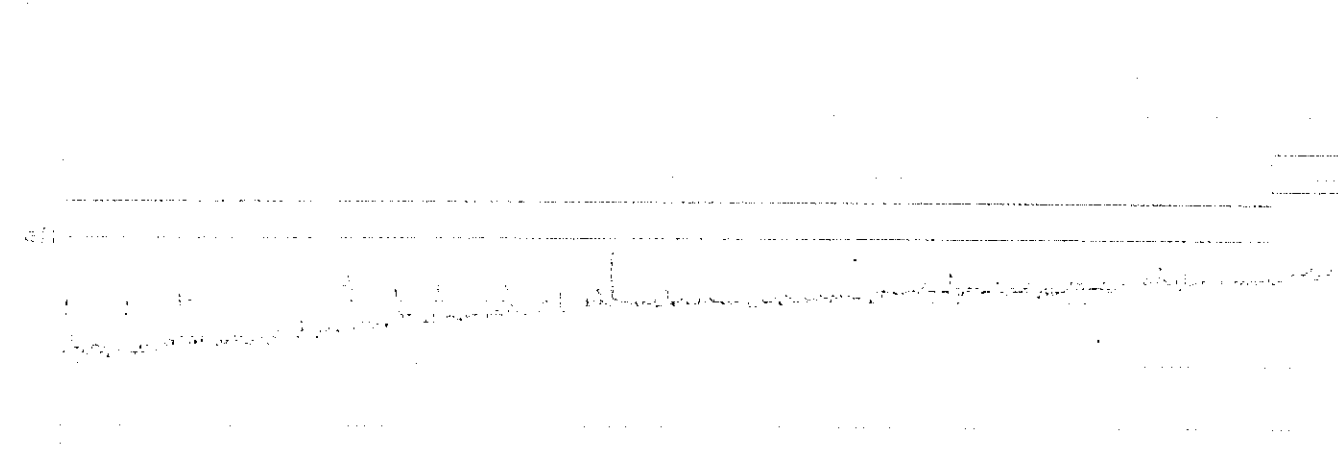


0 20 MHz 80 120 160 240 300
 Unit: 100 dBm/0.3m Probe: 8009109B(m):1223 HORIZONTAL
 EUT: MONITOR N-N:15E42207/M-E Power: 120Vdc/60Hz
 Margin: 6dB Standard: 0 Trace: 12, 0, 0, 0, 0
 Memo: 43.3KHz(640*460:85Hz)

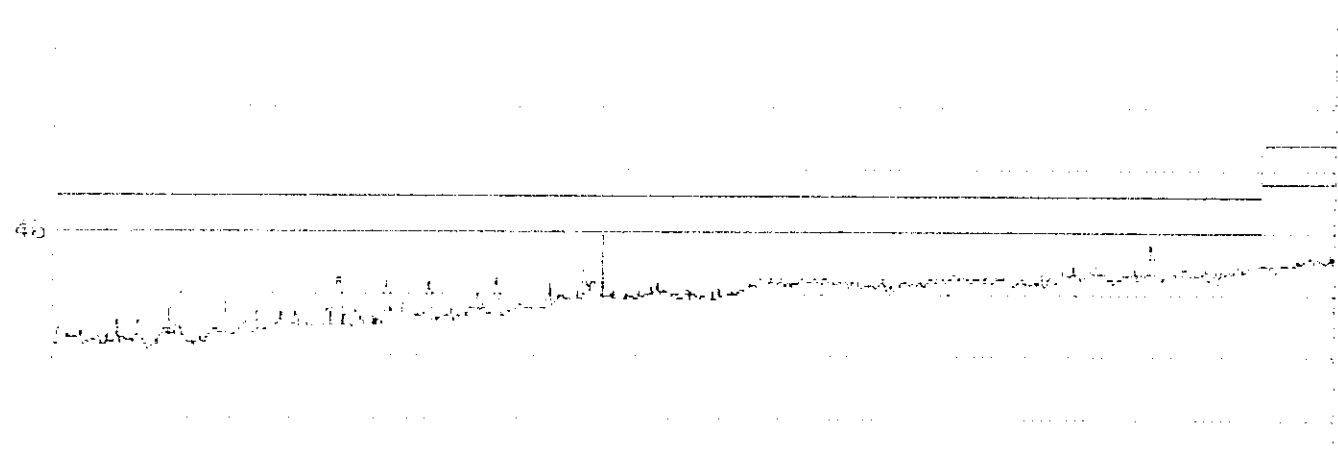
Page#: 18 SP File#: TOPVICT01.E1 Date: 07-29-1998 Time: 16:46:03
 40dB/m ANECHOIC CHAMBER TAIWAN TOXIN ENG. ENG. CORP.
 30



0 20 MHz 24 120 160 240 300
 Unit: 100 dBm/0.3m Probe: 8009109B(m):1223 VERTICAL
 EUT: MONITOR N-N:15E42207/M-E Power: 120Vdc/60Hz
 Margin: 6dB Standard: 0 Trace: 18, 0, 0, 0, 0
 Memo: 43.3KHz(640*480:85Hz)

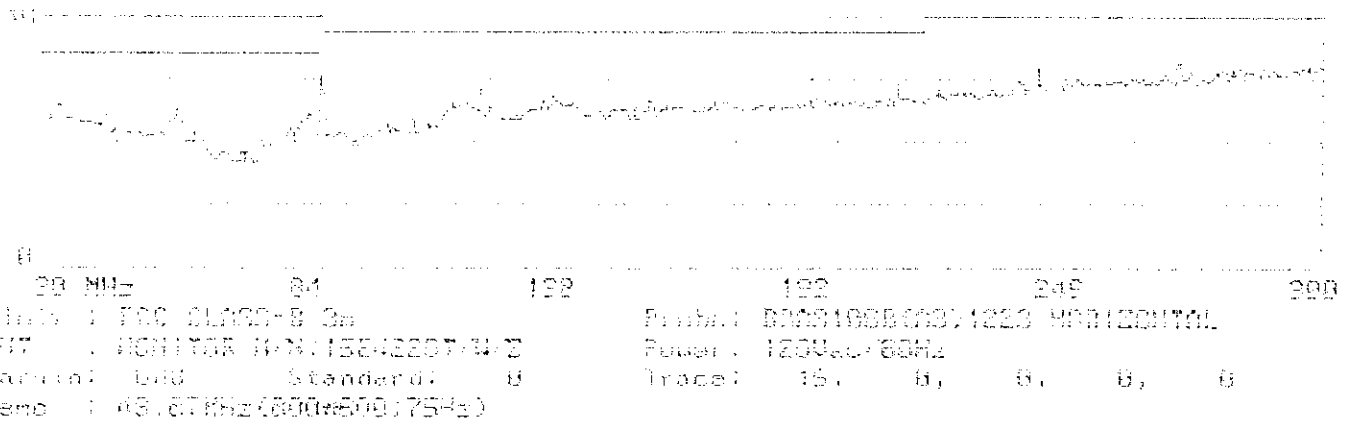


300 MHz 400 500 700 800 1000
 Limit : FCC CLASS-B 3uV Probe: UNALP91070 (03) 1220 HORIZONTAL
 EUT : MONITOR N/N:15E42207/11/2 Power : 120VAC/60Hz
 Margin: 6dB Standard: 0 Trace: 10, 0, 0, 0, 0
 Memo : 40.3KHz(640x80:85Hz)

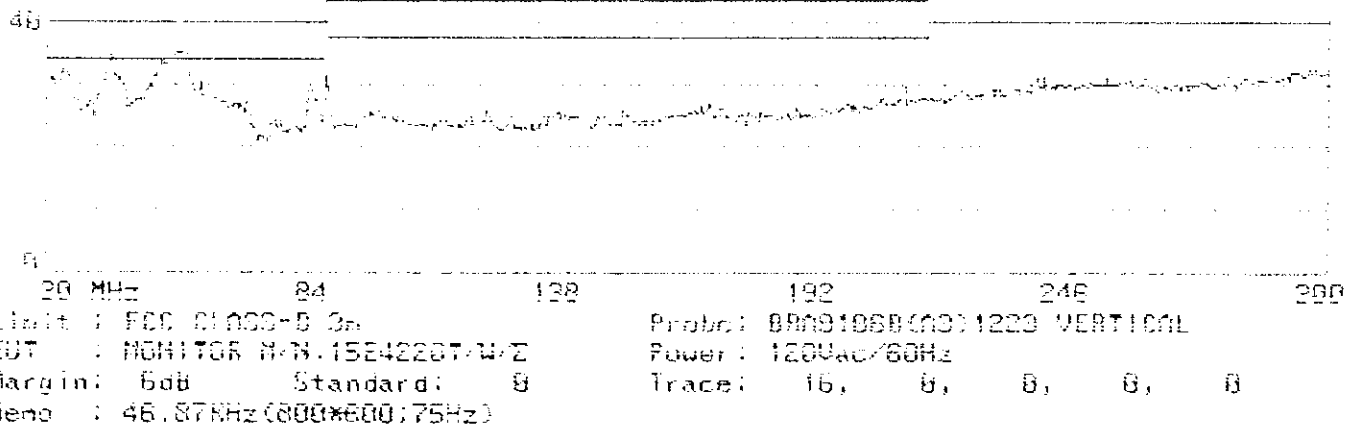


300 MHz 400 500 700 800 1000
 Limit : FCC CLASS-B 3uV Probe: UNALP91070 (03) 1220 VERTICAL
 EUT : MONITOR N/N:15E42207/11/2 Power : 120VAC/60Hz
 Margin: 6dB Standard: 0 Trace: 20, 0, 0, 0, 0
 Memo : 43.3KHz(640x480:85Hz)

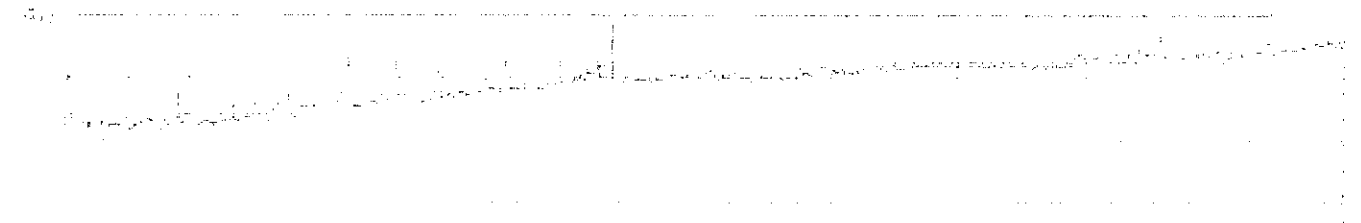
Page#1: 15 SP File#1: TOPULOTO.F1 Date: 07-29-1998 Time: 16:37:48
 4500V/A ANECHOIC CHAMBER TAIWAN TAIWAN EMC ENG. CORP.
 00



Page#1: 16 SP File#1: TOPULOTO.F1 Date: 07-29-1998 Time: 16:38:58
 4500V/A ANECHOIC CHAMBER TAIWAN TAIWAN EMC ENG. CORP.
 00

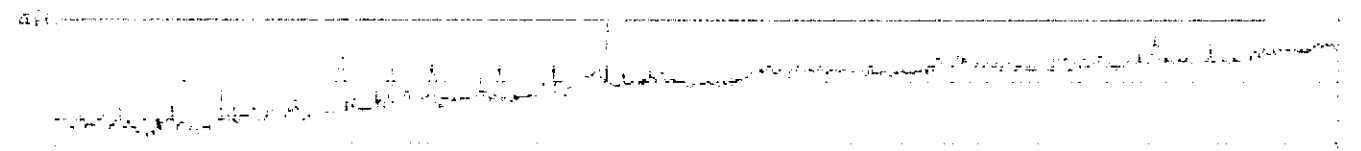


Page#: 13 SP File#: TOPUIC10.E1 Date: 87-29-1998 Time: 16:33:41
 ANECHOIC CHAMBER TAIWAN TORIN ENG. ENG. CORP.
 30



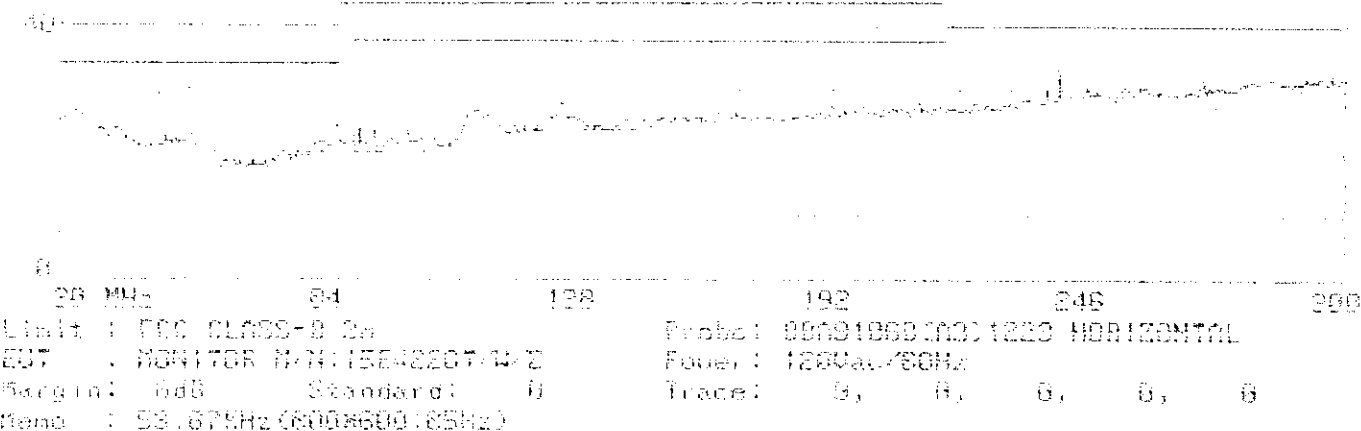
H
 300 MHz 400 500 700 800 1000
 Limit : FCC CLASS-B 3m
 EUT : MONITOR N/N:15E4226T/W/C Probe: UNILPS1670(A3)1223 HORIZONTAL
 Power: 120VAC/60Hz
 Margin: 6dB Standard: 0 Trace: 13, 0, 0, 0, 0
 Memo : 46.87kHz(800*600;75Hz)

Page#: 14 SP File#: TOPUIC10.E1 Date: 87-29-1998 Time: 16:34:47
 ANECHOIC CHAMBER TAIWAN TORIN ENG. ENG. CORP.
 30



H
 300 MHz 400 500 700 800 1000
 Limit : FCC CLASS-B 3m
 EUT : MONITOR N/N:15E4226T/W/C Probe: UNILPS1670(A3)1223 VERTICAL
 Power: 120VAC/60Hz
 Margin: 6dB Standard: 0 Trace: 14, 0, 0, 0, 0
 Memo : 46.87kHz(800*600;75Hz)

Page#1: 9 SP File#1: TOPUIC70.E1 Date: 87-29-1998 Time: 16:24:00
 25MHz ANECHOIC CHAMBER TAIWAN TOKIN ENG. ENG. CORP.



Page#1: 10 SP File#1: TOPUIC70.E1 Date: 87-29-1998 Time: 16:25:06
 25MHz ANECHOIC CHAMBER TAIWAN TOKIN ENG. ENG. CORP.

