

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,
Taipei Hsien, Taiwan, R.O.C.

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

File Number : ATM-G98443 (G98247)
Report Number : TTEMC-F98136
Date of Test : Jul. 29 ~ Aug. 12, 1998
Date of Report : Aug. 20, 1998

TABLE OF CONTENTS

Description	Page
Test Report Certification.....	3
1. GENERAL INFORMATION	4
1.1. Description of Device (EUT).....	4
1.2. Tested Supporting System Details	5
1.3. Description of Test Facility	6
2. POWERLINE CONDUCTED TEST.....	7
2.1. Test Equipment	7
2.2. Block Diagram of Test Setup.....	7
2.3. Powerline Conducted Emission Limit (CLASS B).....	8
2.4. EUT’s Configuration during Compliance Measurement.....	8
2.5. Operating Condition of EUT.....	8
2.6. Test Procedure.....	9
2.7. Line Conducted RF Voltage Measurement Results.....	10
3. RADIATED EMISSION TEST	16
3.1. Test Equipment	16
3.2. Block Diagram of Test Setup.....	16
3.3. Radiation Limit (CLASS B)	17
3.4. EUT’s Configuration during Compliance Measurement.....	17
3.5. Operating Condition of EUT.....	17
3.6. Test Procedure.....	18
3.7. Radiated Emission Measurement Results.....	19
4. MODIFICATIONS TO EUT	21
5. DEVIATION TO TEST SPECIFICATIONS	22
6. PHOTOGRAPHS.....	23
6.1. Photos of Powerline Conducted Measurement	23
6.2. Photos of Radiated Measurement at Open Field Test Site	24
6.3. Photos of Radiated Measurement at Anechoic Chamber	26
 APPENDIX I (Conducted Test Data)	
APPENDIX II (Radiated Test Data at Anechoic Chamber)	

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, Fuging 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 5V1rA).
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

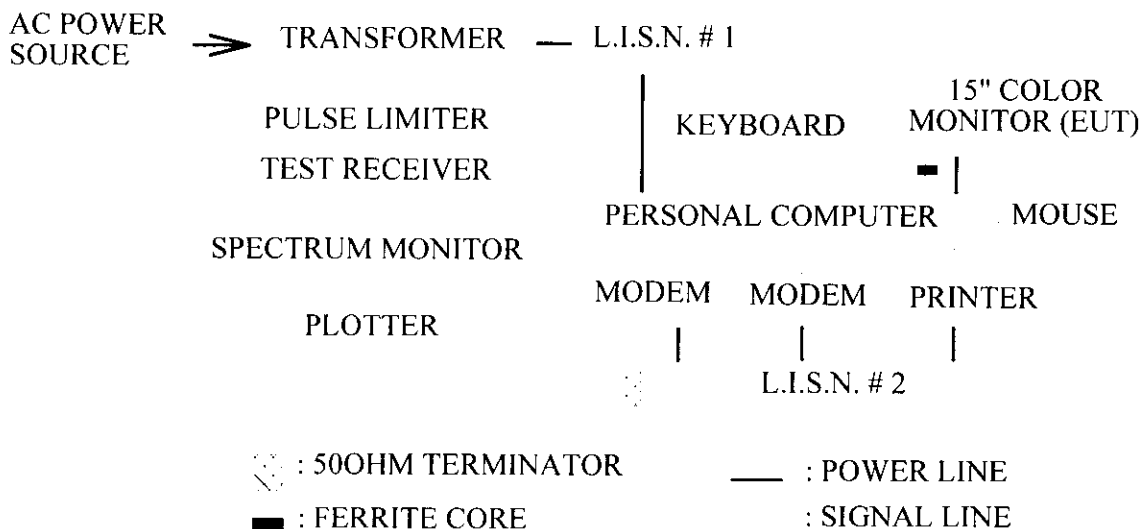
2.1. Test Equipment

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

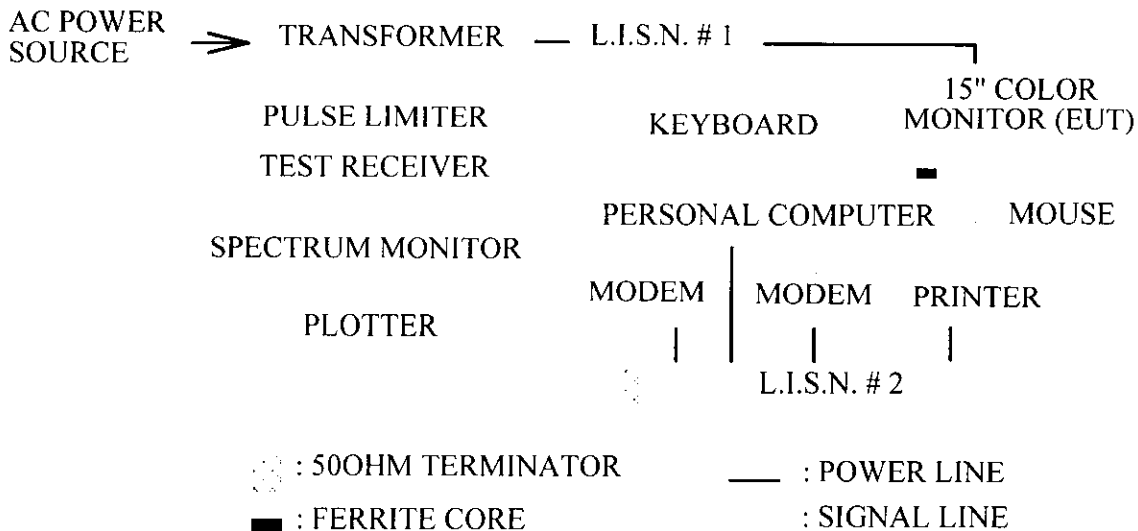
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESH3	886047/035	Jun.24, 98'	1 Year
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-855-9	Apr.14, 98'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-881-13	Apr.14, 98'	1 Year

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



2.3. 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. 15" Color Monitor (EUT)

Model Number	:	14E4220W (w/MPR-2 Safety Version)
FCC ID	:	ARSCM5690
Brand	:	PHILIPS
Manufacturer	:	Top Victory Electronics (Fujian) Co., Ltd.
CRT	:	Orion, M/N M36KXU110XX51
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.

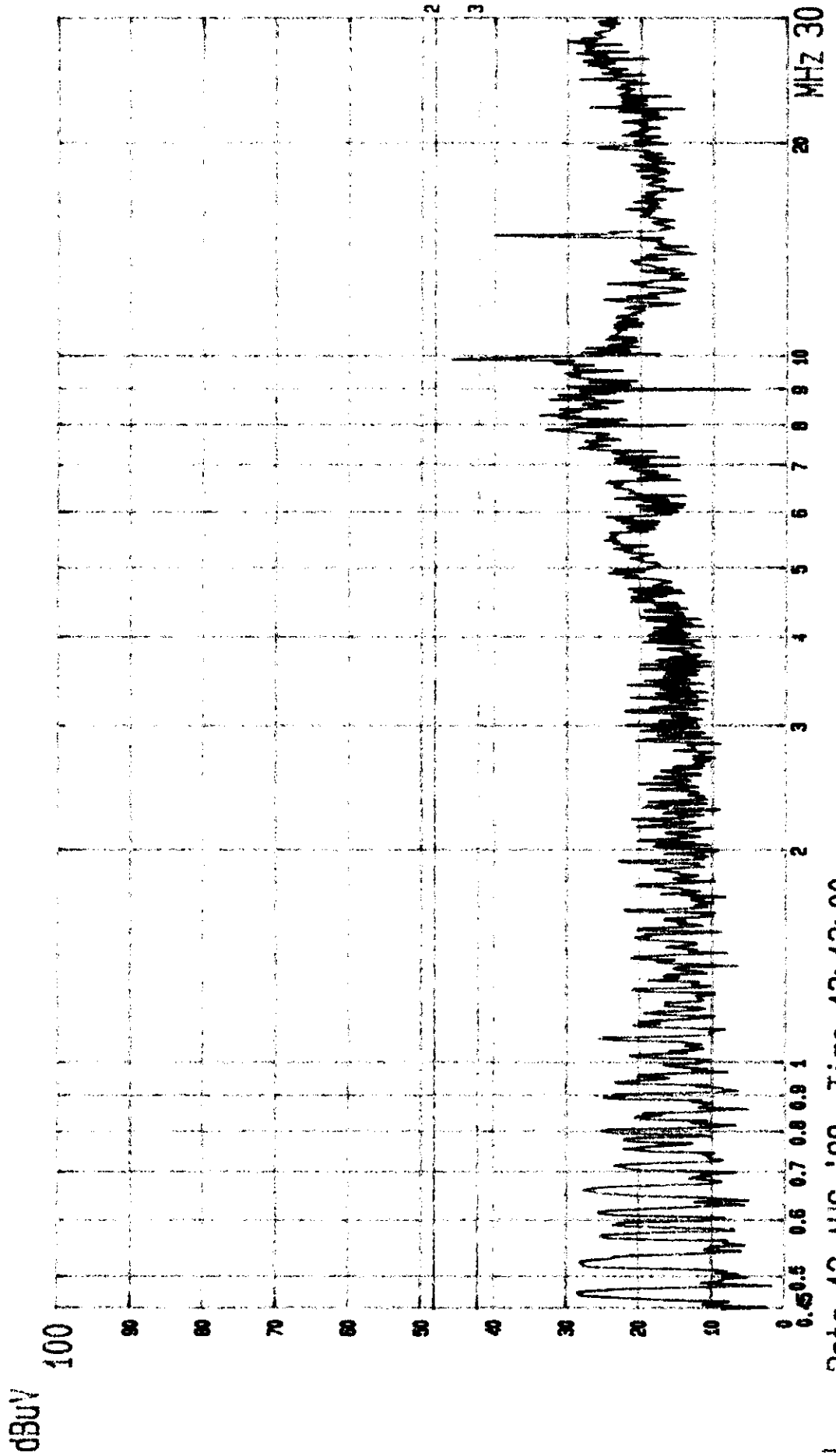
Date of Test : Aug. 12, 1998 Temperature : 27 °C

EUT : 15" Color Monitor Humidity : 45 %

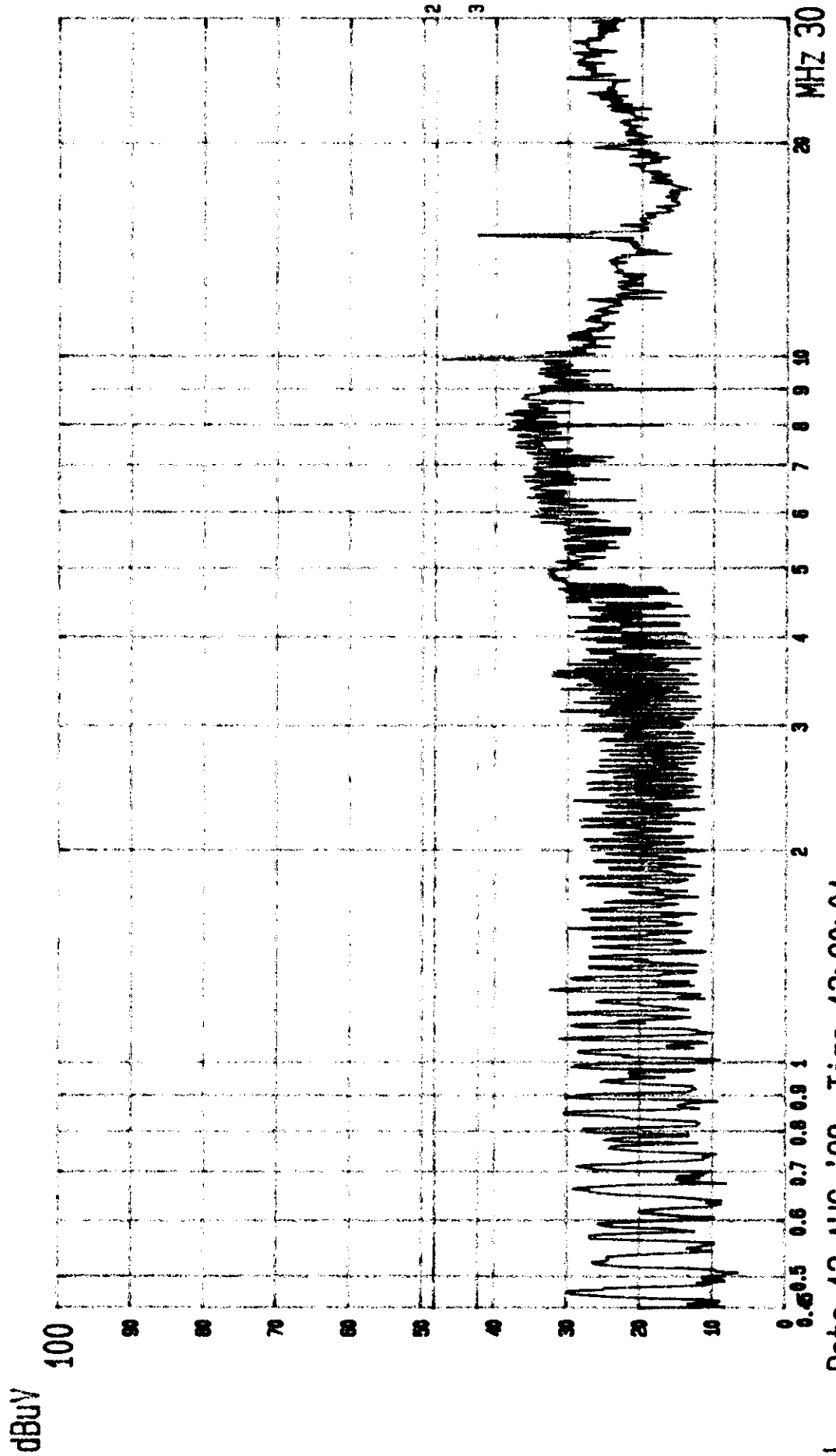
Test Mode : 46.87KHz (800*600, 75Hz) / EUT's power connected to L.I.S.N.

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.



--- 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) TTEMC. PAGE: 008.

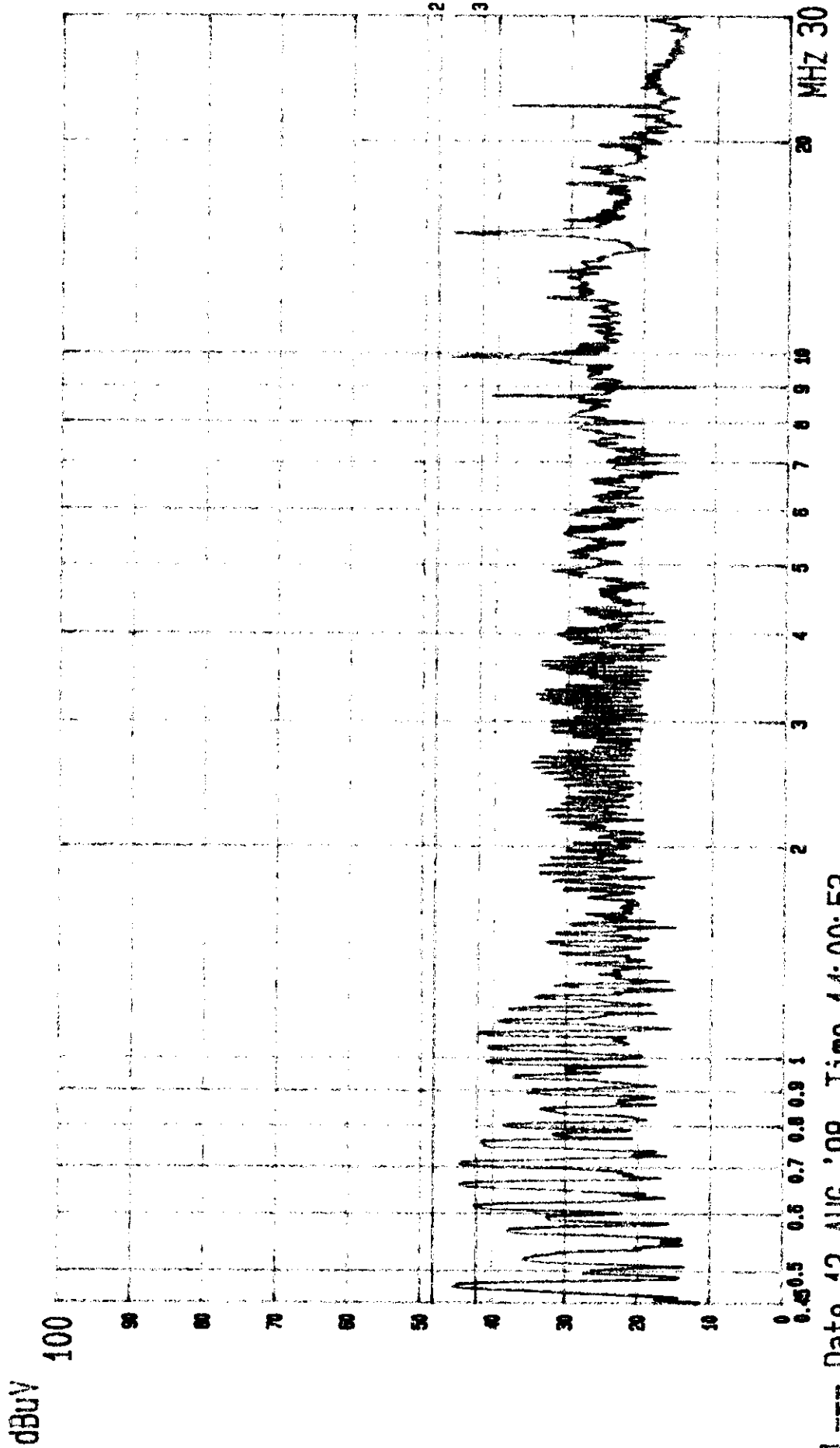


--- Date 12.AUG '98 Time 13:20:01
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
LINE: VB. MEMO: 46.87KHz (800X600; 75Hz)
(PEAK VALUE) TTEMC. PAGE: 007.

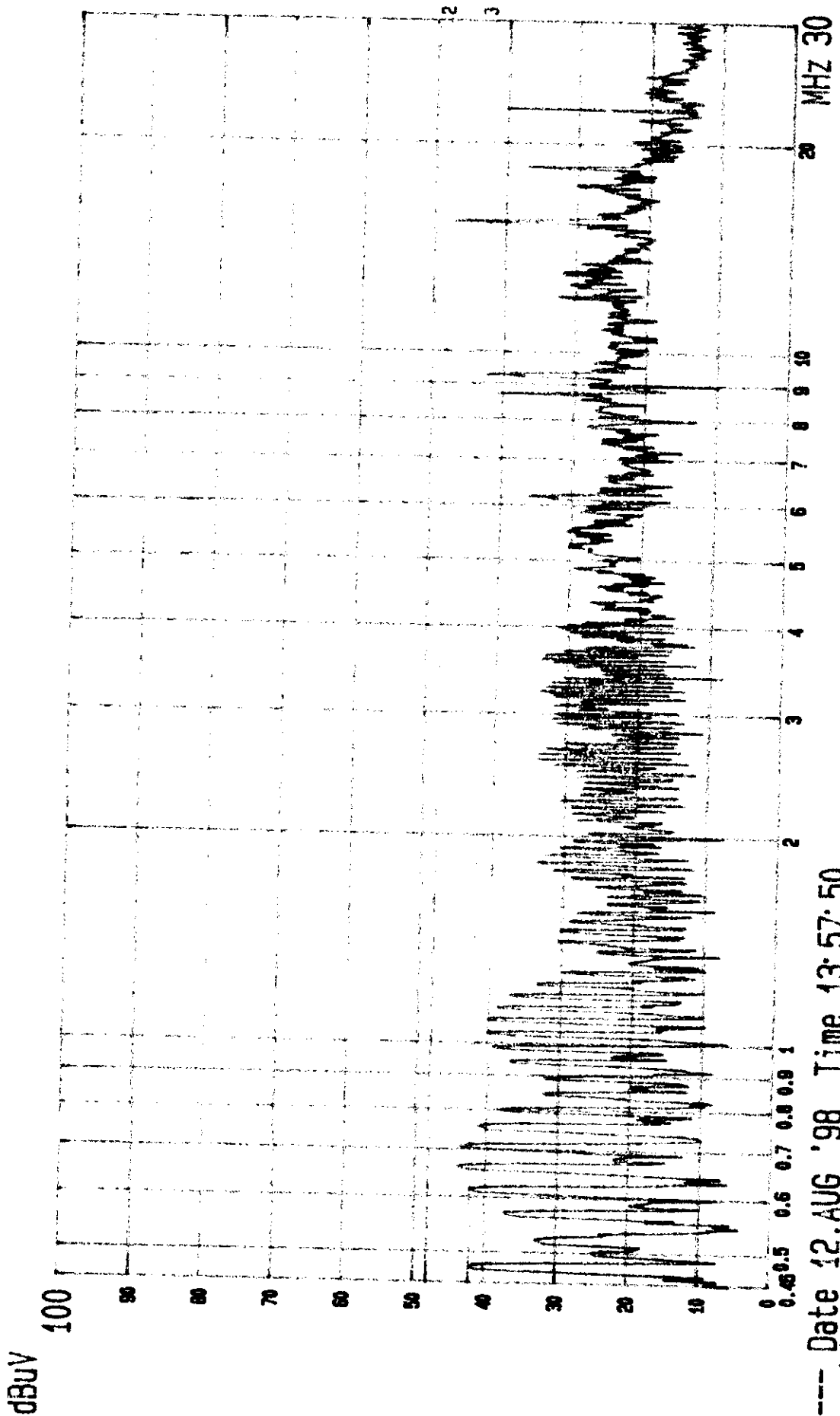
Date of Test : Aug. 12 1998 Temperature : 27 °C
 EUT : 15" Color Monitor Humidity : 45 %
 Test Mode : 46.87KHz (800*600, 75Hz) / EUT's power connected to PC

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 (PEAK VALUE) TTENC. PAGE: 008.



--- 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 :

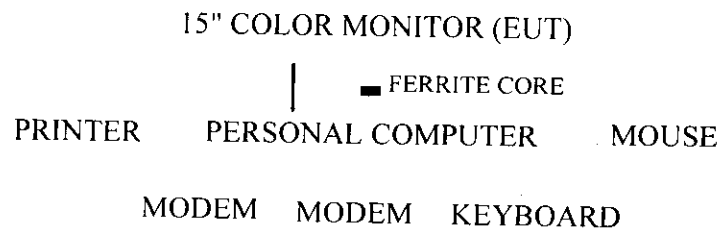
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8593A	3212A01727	Jul.25, 98'	1 Year
2.	Pre-Amplifier	HP	8447D	2944A06305	May 13, 98'	1 Year
3.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Dec.24, 97'	1 Year
4.	Broadband Antenna	Schwarzbeck	UHALP 9107	A3H	Dec.24, 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		Emission Level		Margin dBuV/m
			Horizontal dBuV	Horizontal dBuV/m	Limits 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.

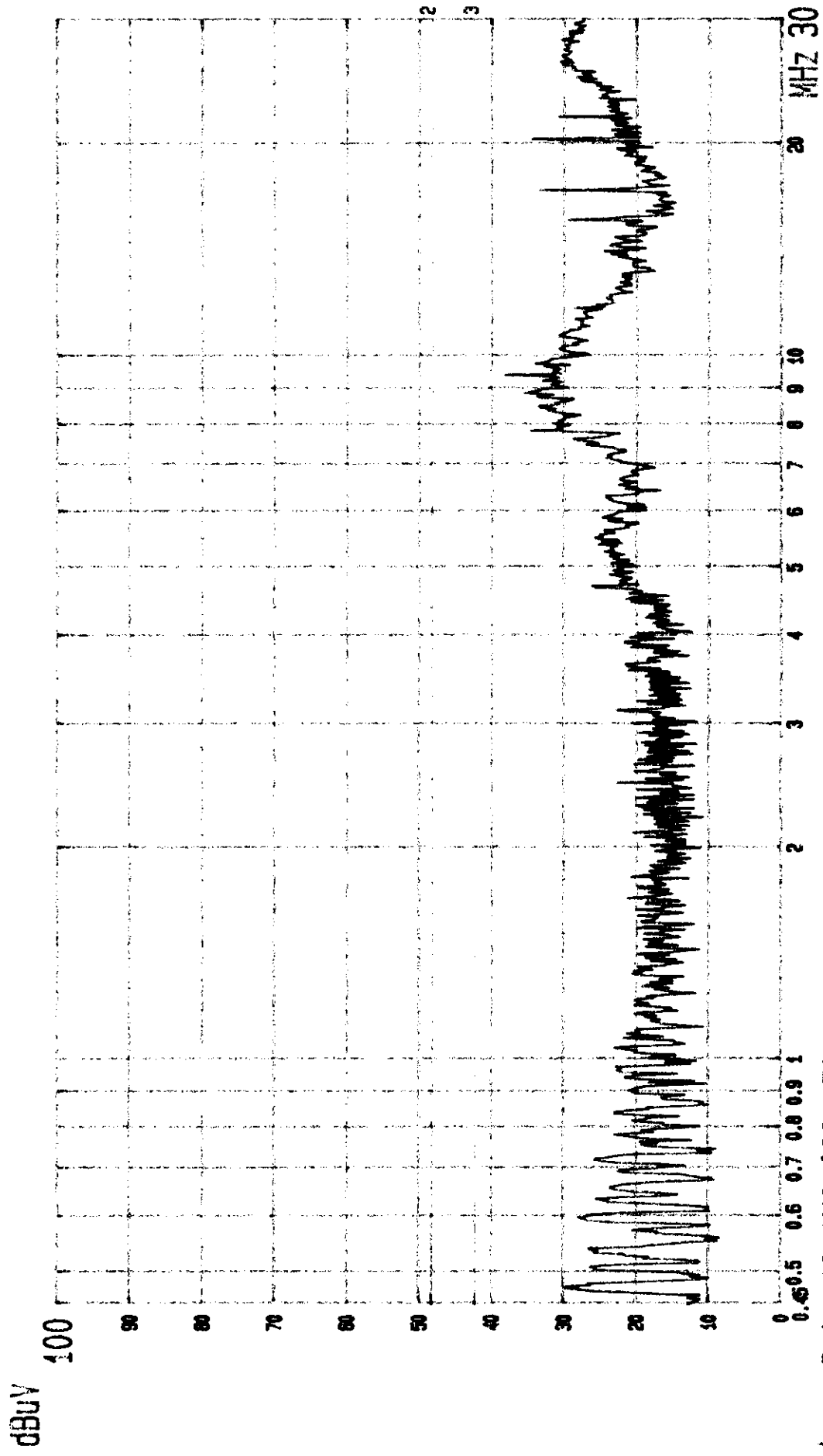
5. DEVIATION TO TEST SPECIFICATIONS

【 NONE 】

APPENDIX I

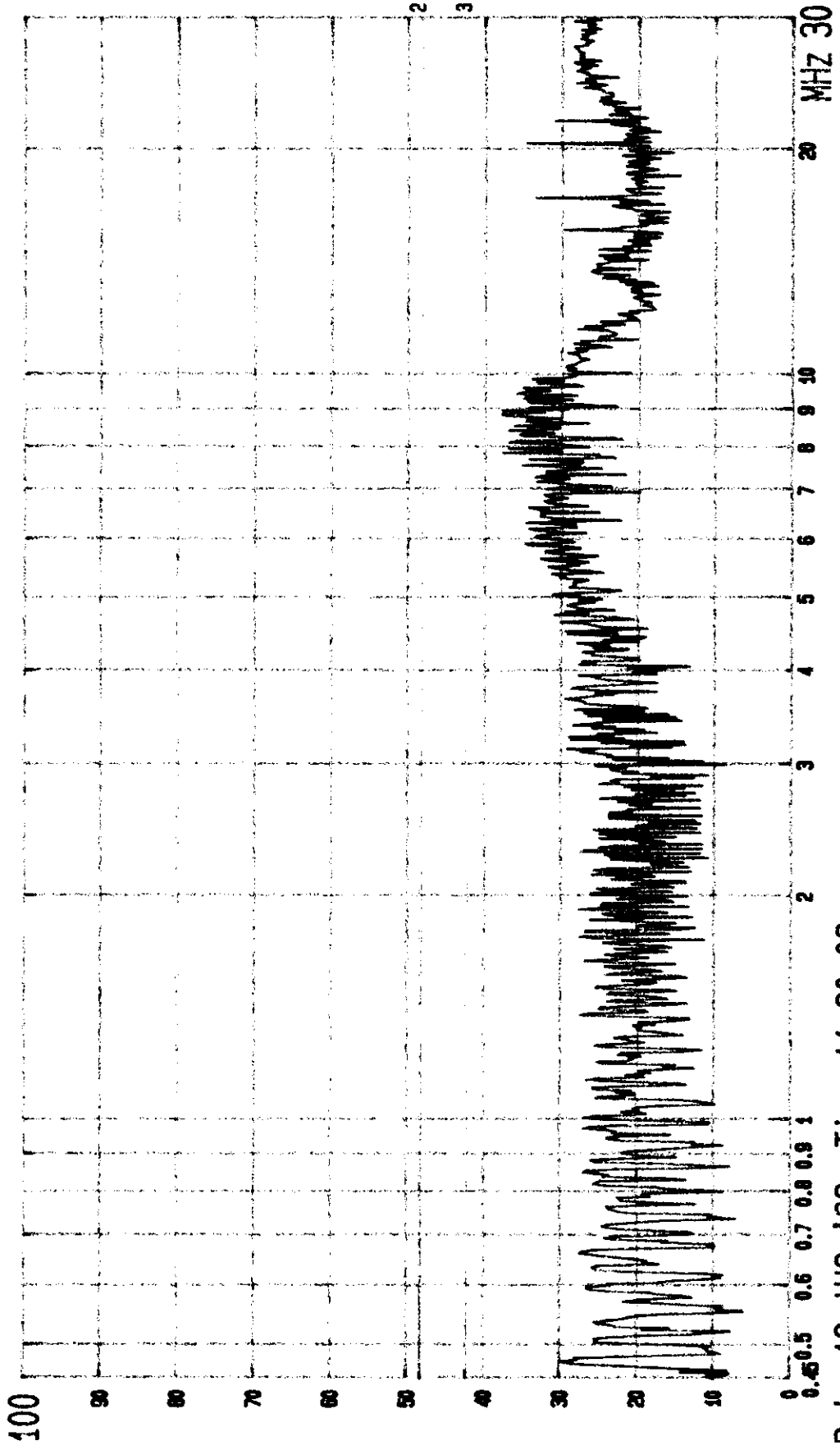
(Conducted Test Data)

(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) ITEM: PAGE: 001.

dBuV

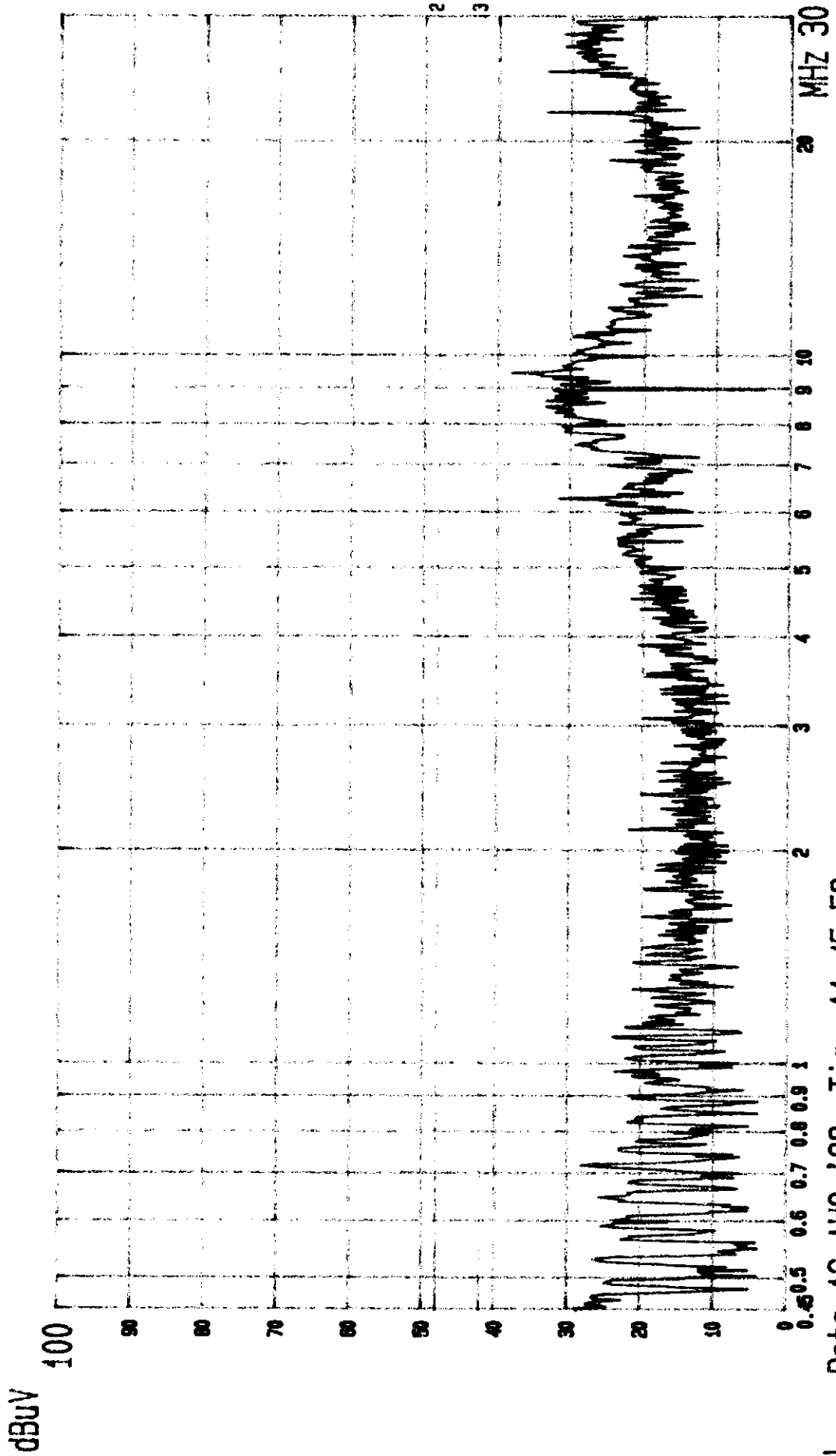


----- Date 12.AUG '98 Time 11:20:03

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

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

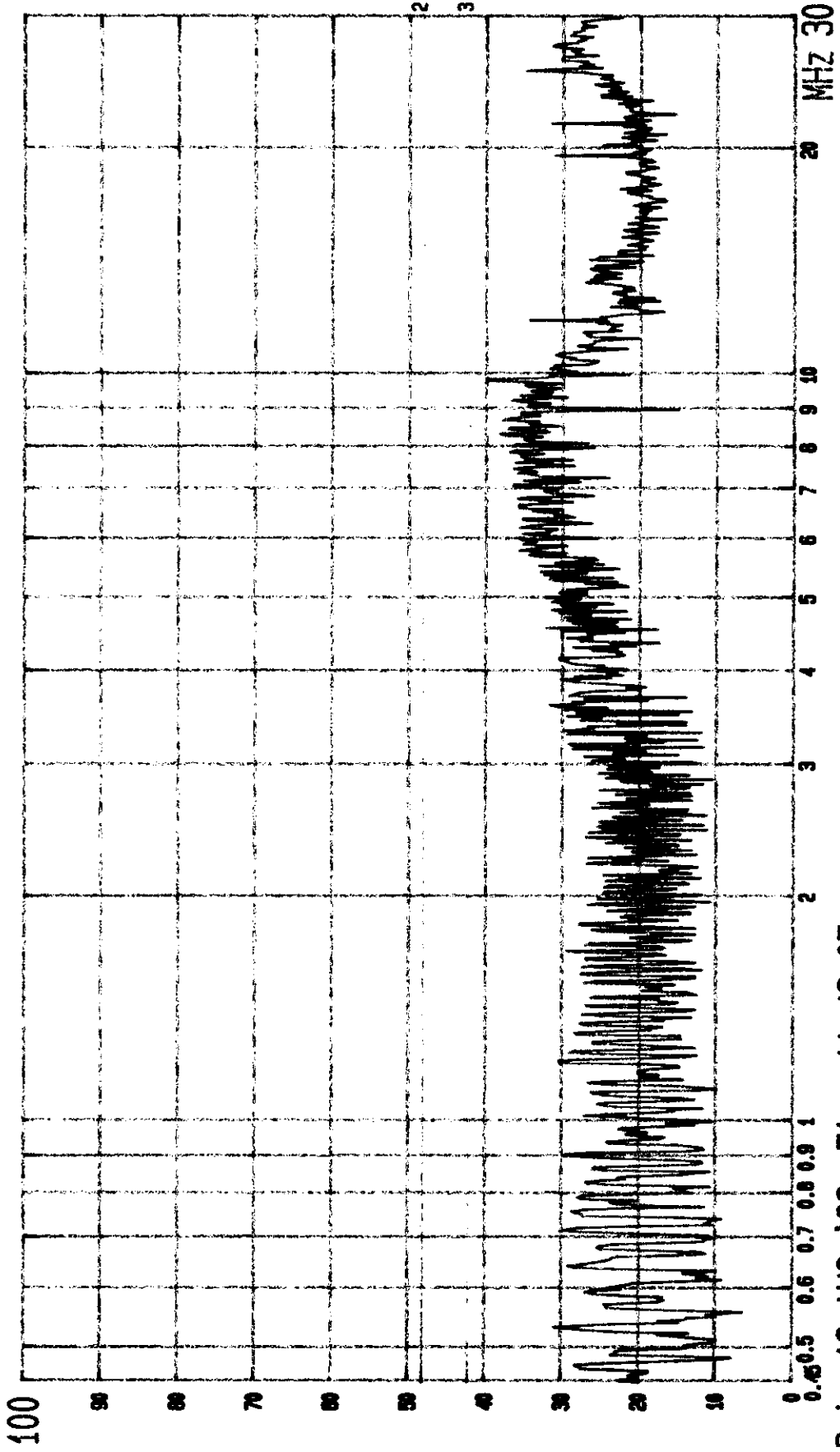
(PEAK VALUE) TTEMC: PAGE: 002.



L--- 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.

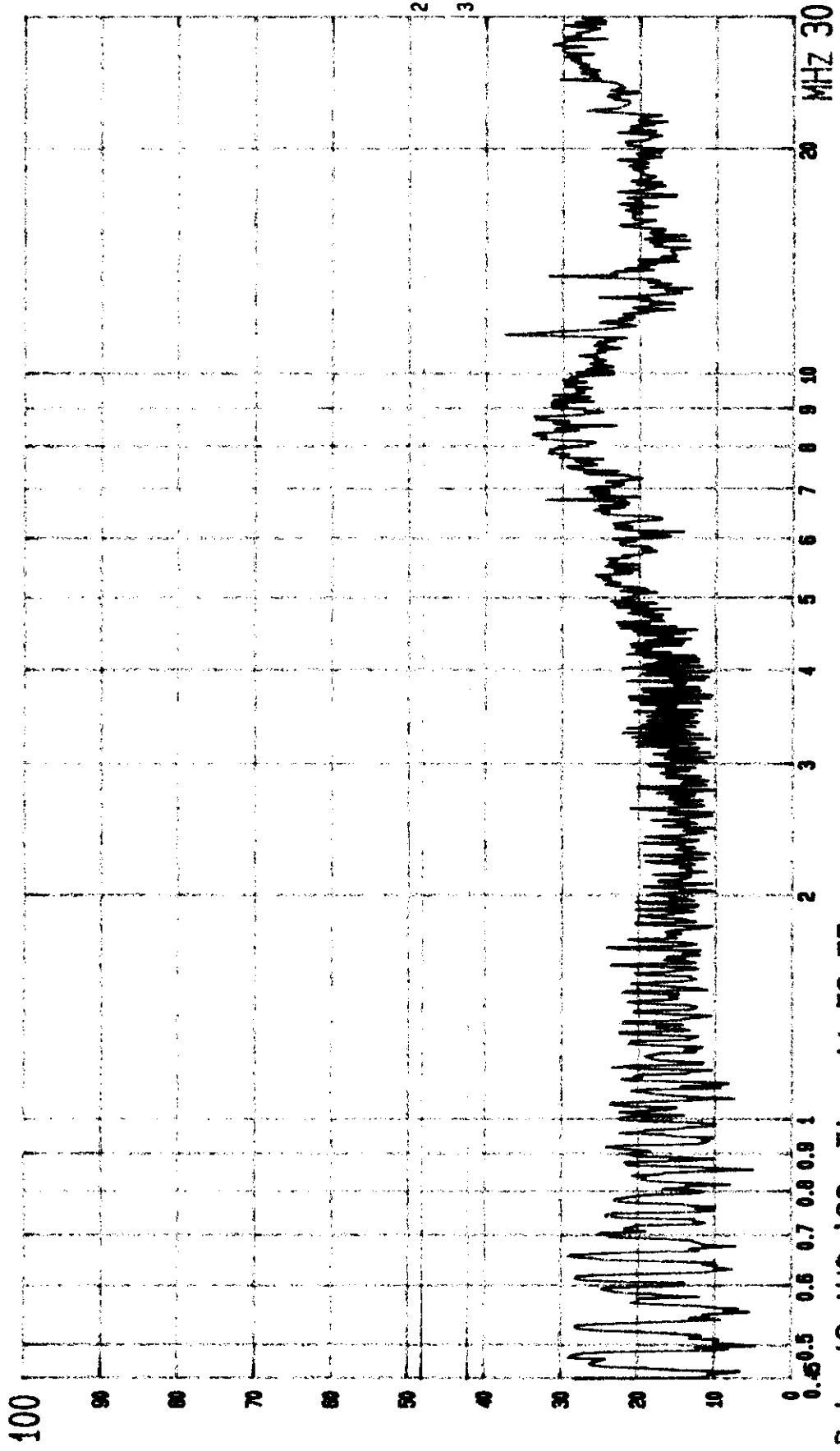
dBuV



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

(PEAK VALUE) TTEMC.
PAGE: 003.

dBuV



--- Date 12.AUG '98 Time 11:53:55

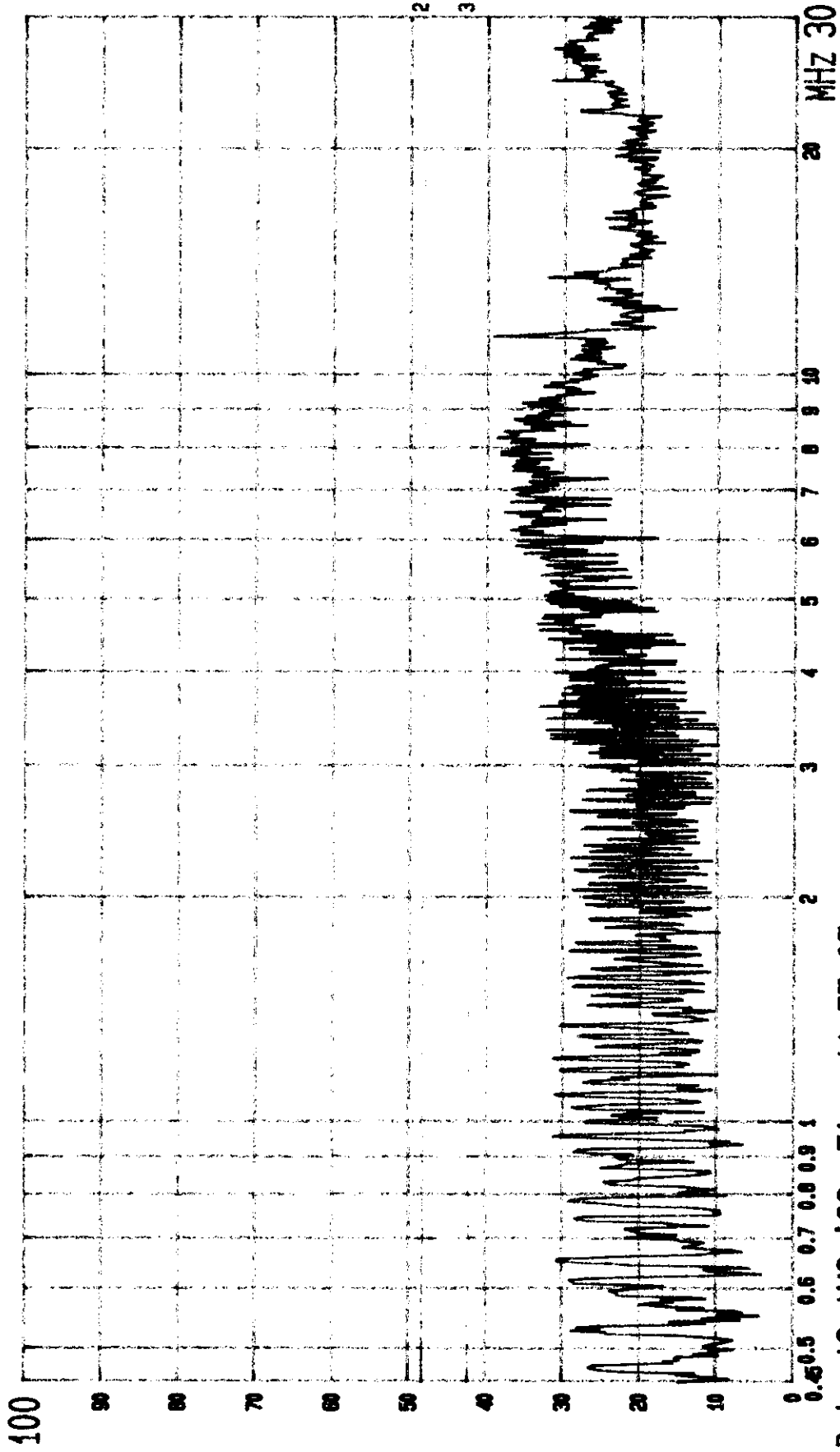
Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z

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

(PEAK VALUE) ITEM: C

PAGE: 005.

dBuV



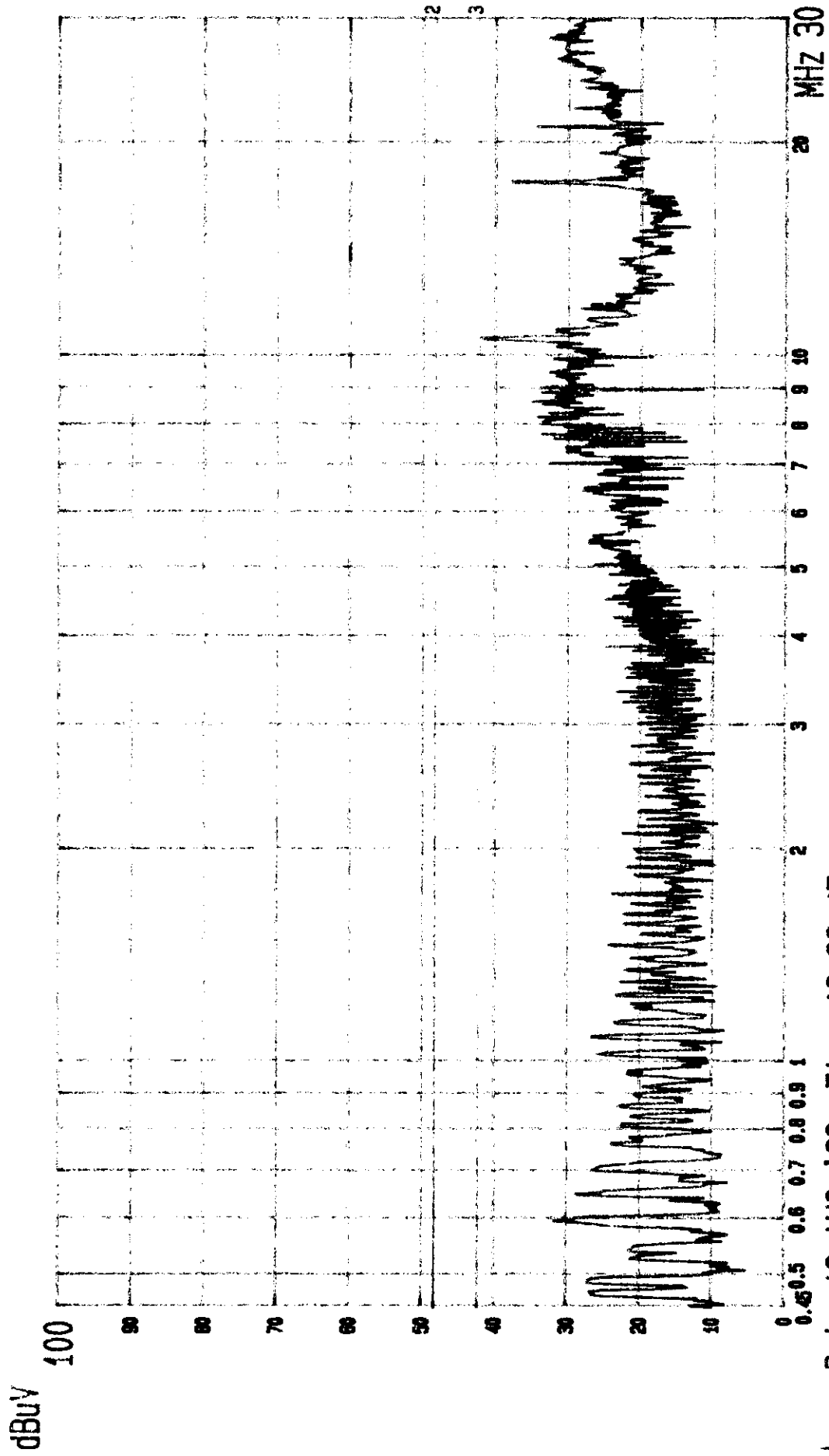
--- Date 12.AUG '98 Time 11:57:05

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

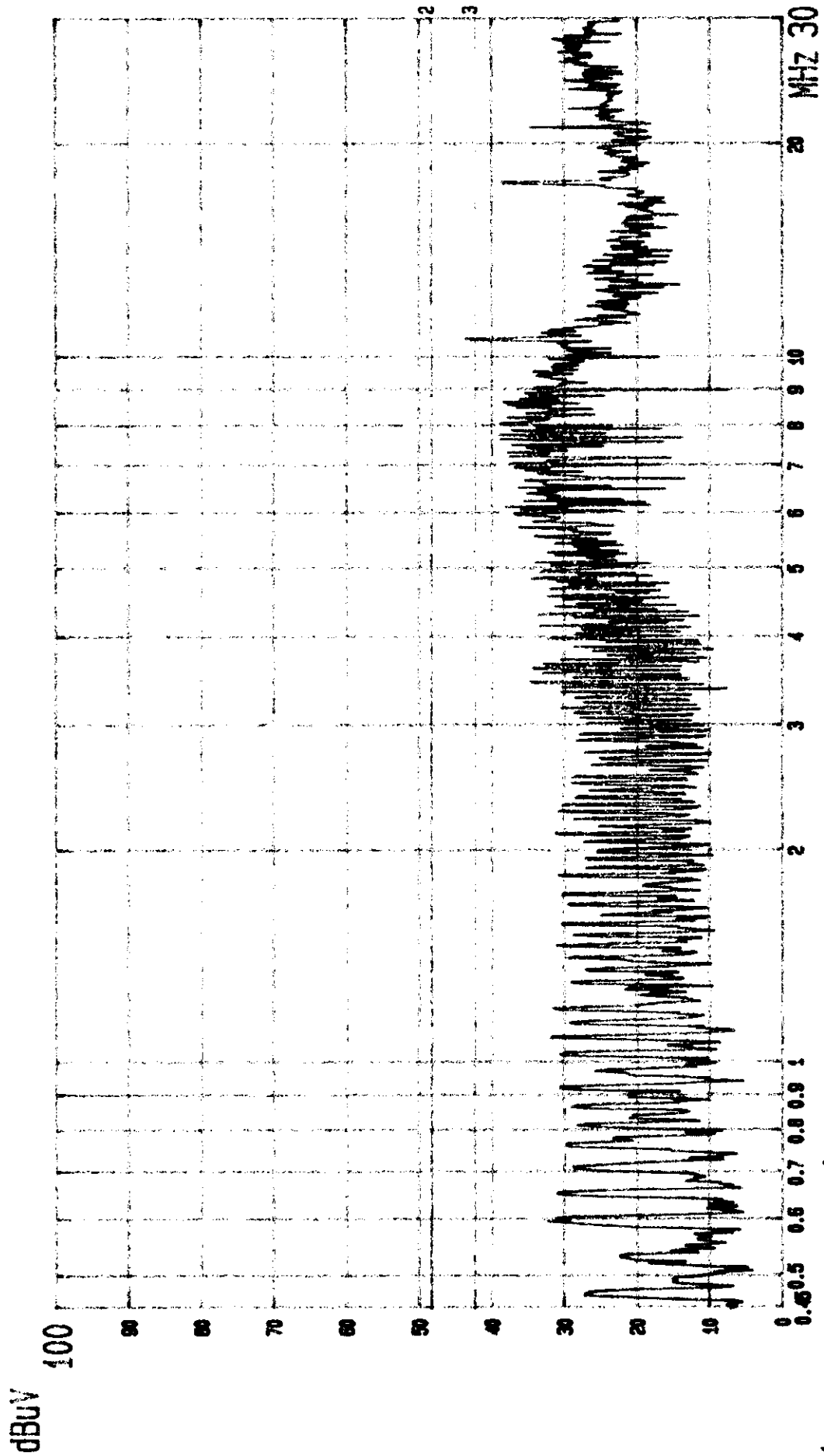
LINE: VB. MEMO: 43.3KHz (640X480; 85Hz)

(PEAK VALUE) TTEMC.

PAGE: 006.

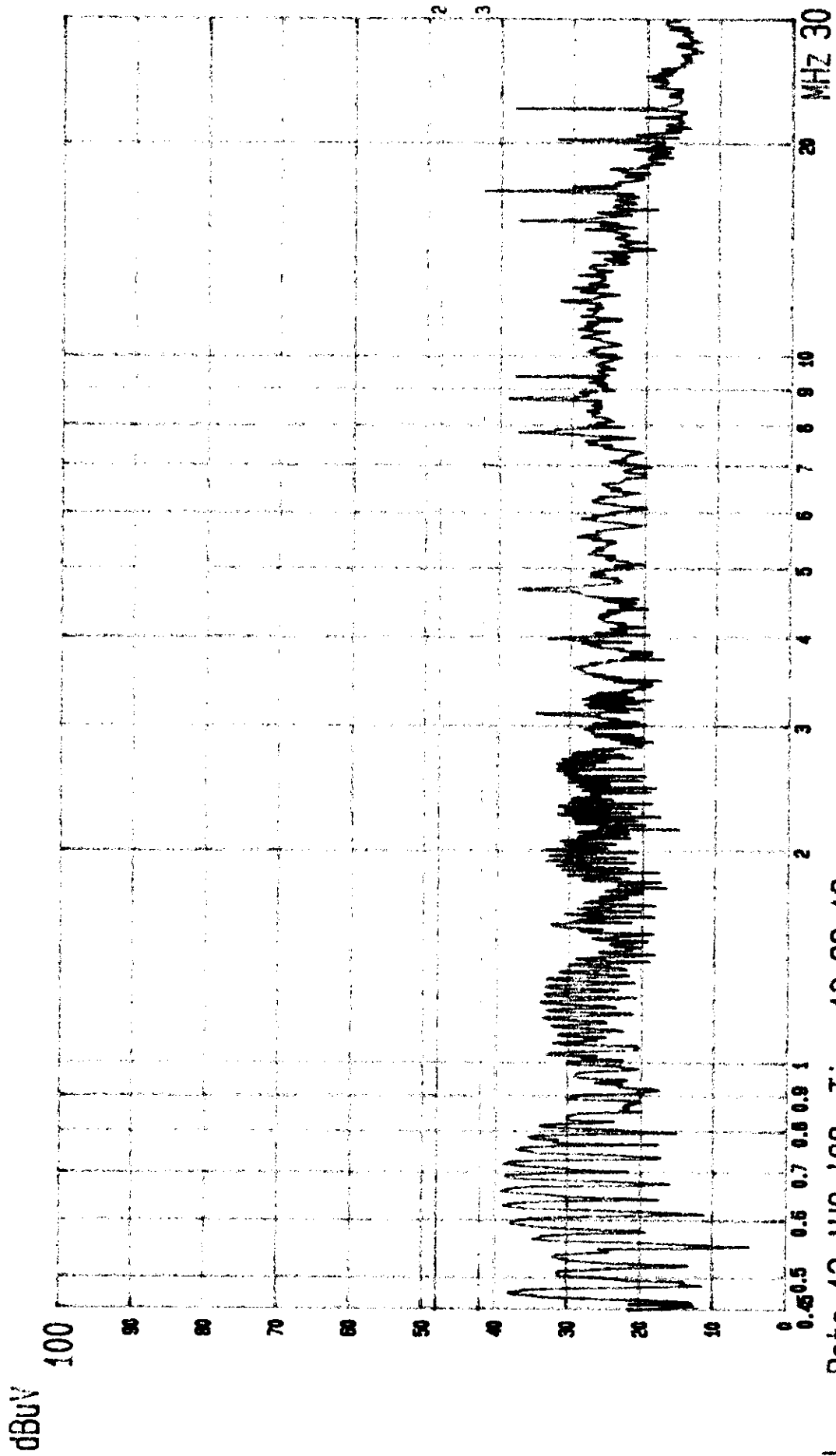


--- Date 12.AUG '98 Time 13:29:47
 Top Victory EUT: 15" COLOR Monitor M/N: 15E4220T/W/Z
 LINE: VA. MEMO: 53.67KHz (800X600; 85Hz)

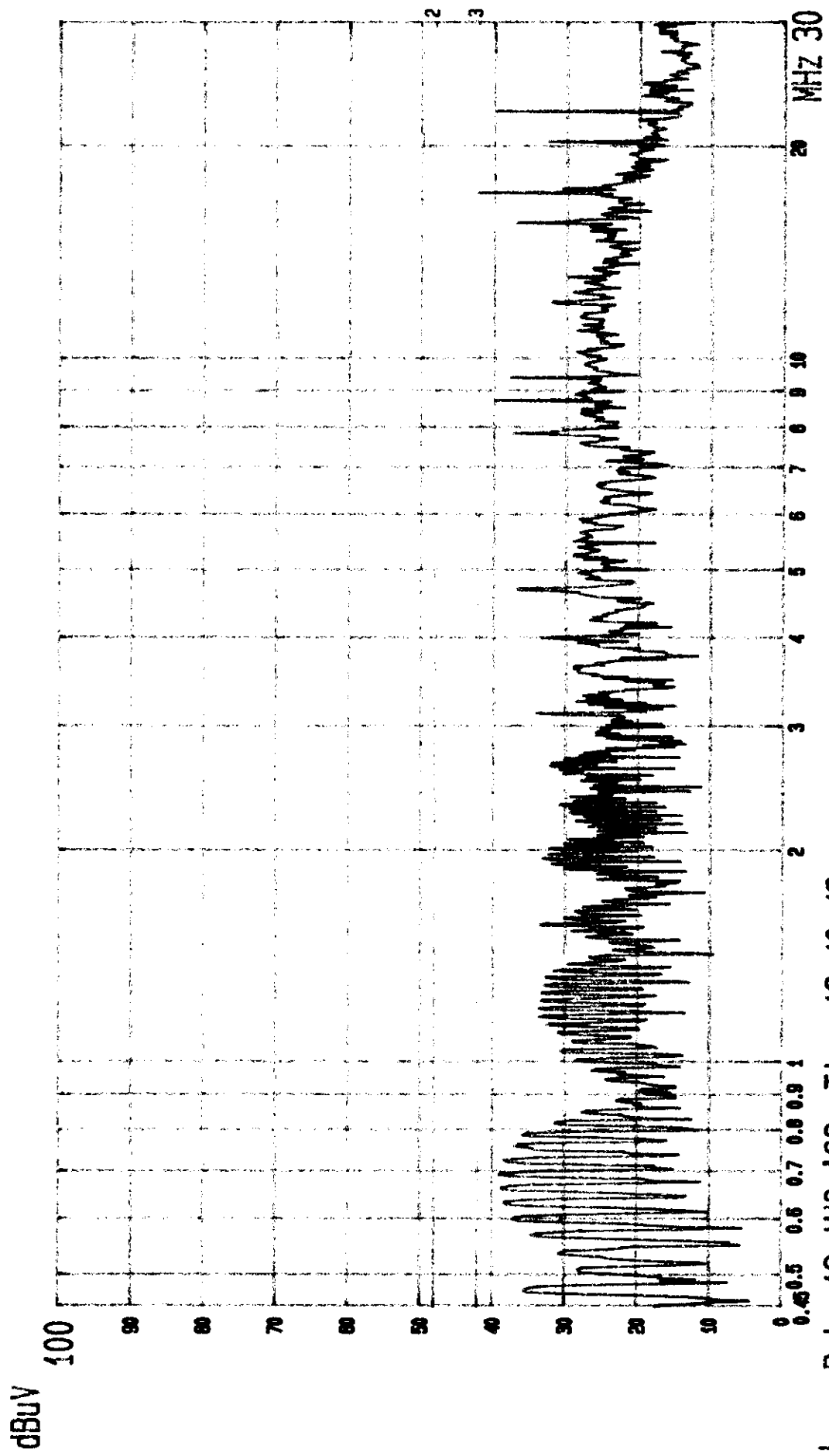


Date 12.AUG '98 Time 13:26:18
 Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
 LINE: VB. MEMO: 53.67KHz (800X600; 85Hz)

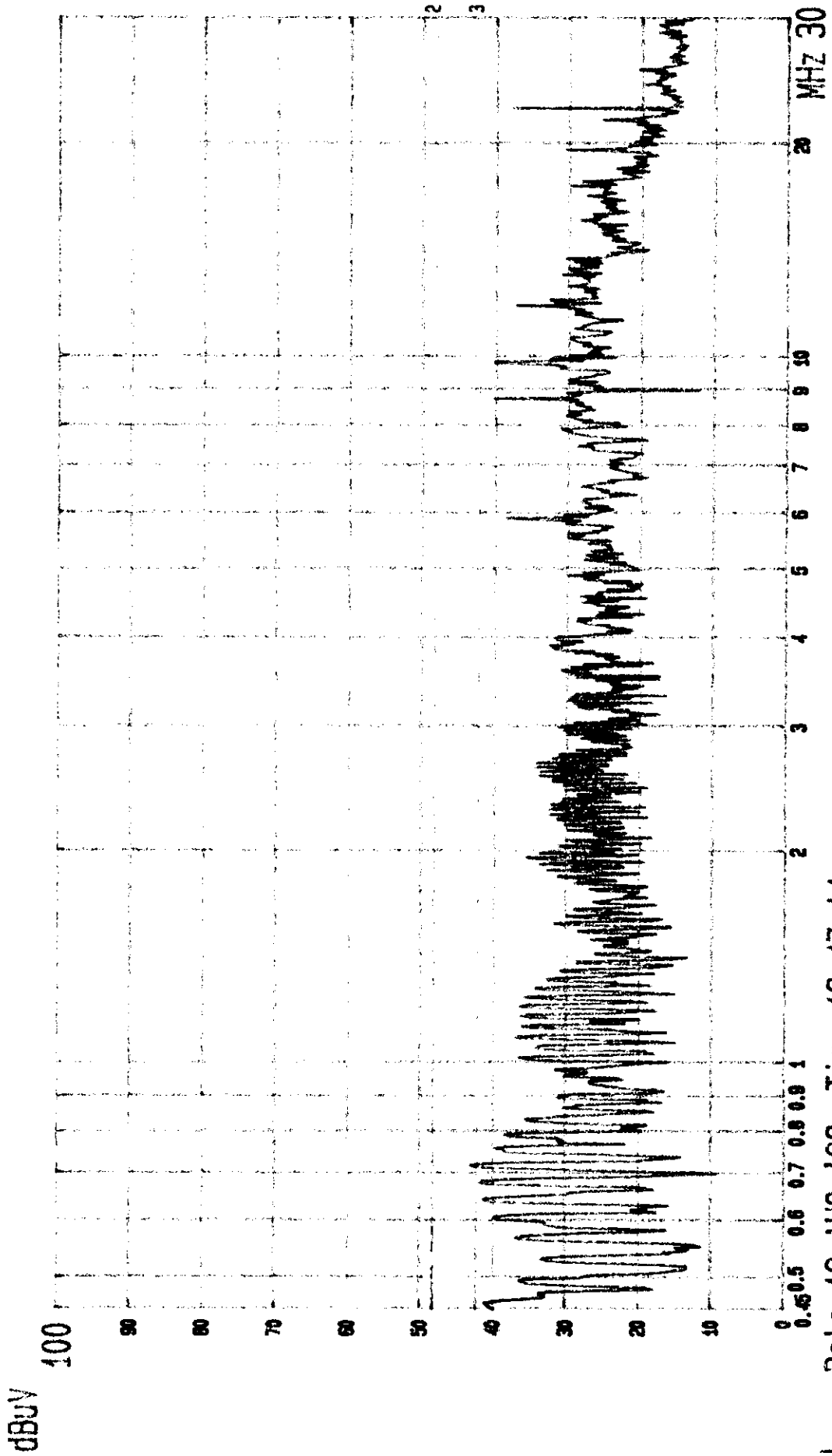
PAGE: 009.
 (PEAK VALUE) ITEM: C.



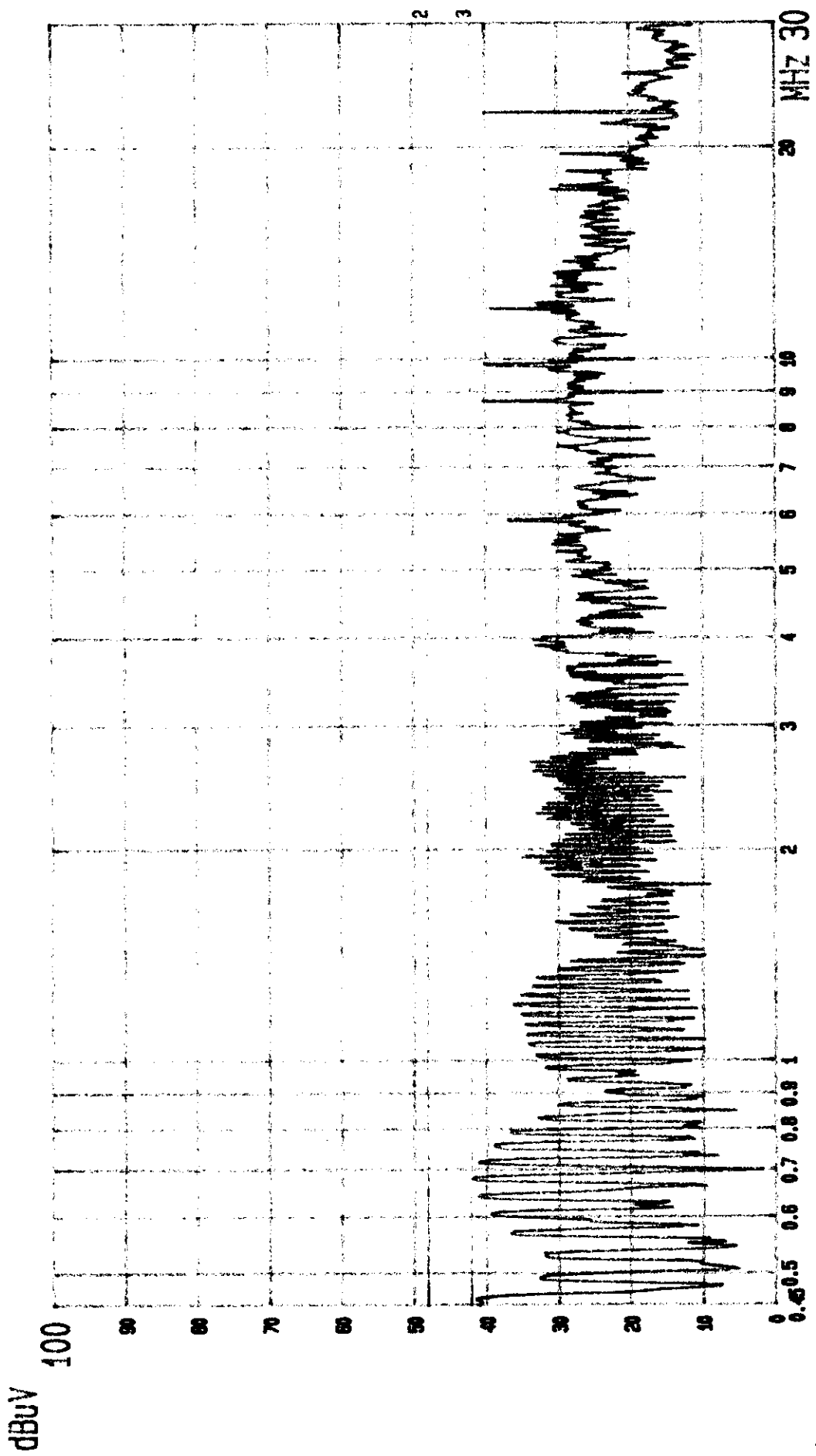
--- Date 12.AUG '98 Time 13:38:13
 Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
 LINE: VA. MEMO: 31.47KHz (640X480; 60Hz); EUT TO PC
 (PEAK VALUE) TTEMC. PAGE: 001.



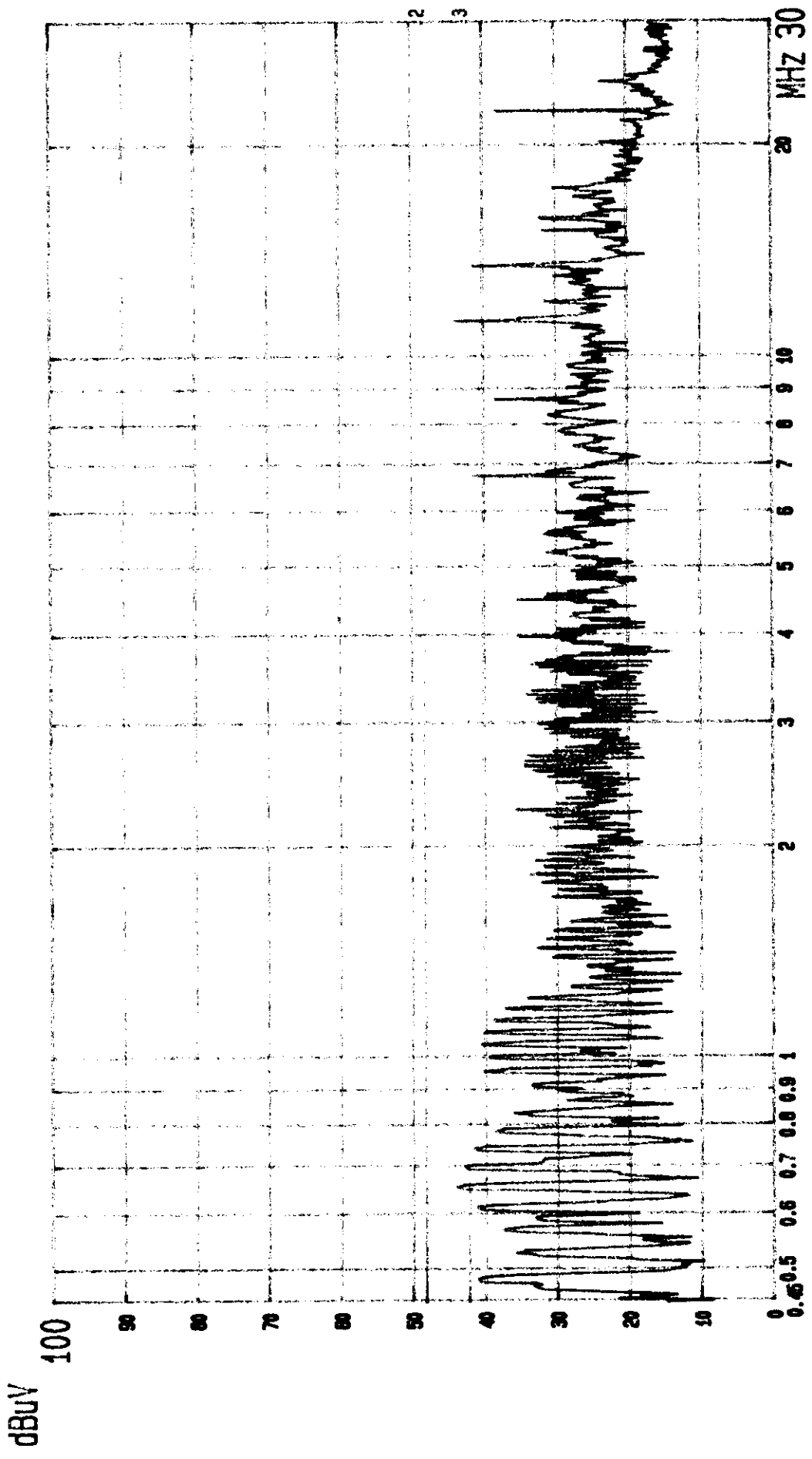
L--- Date 12.AUG '98 Time 13:40:46
 Top Victory EUT: 15" COLOR Monitor M/N: 15E4220T/W/Z
 LINE: VB. MEMO: 31.47KHz (640X480; 60Hz); EUT TO PC
 (PEAK VALUE) TTEMC. PAGE: 002.



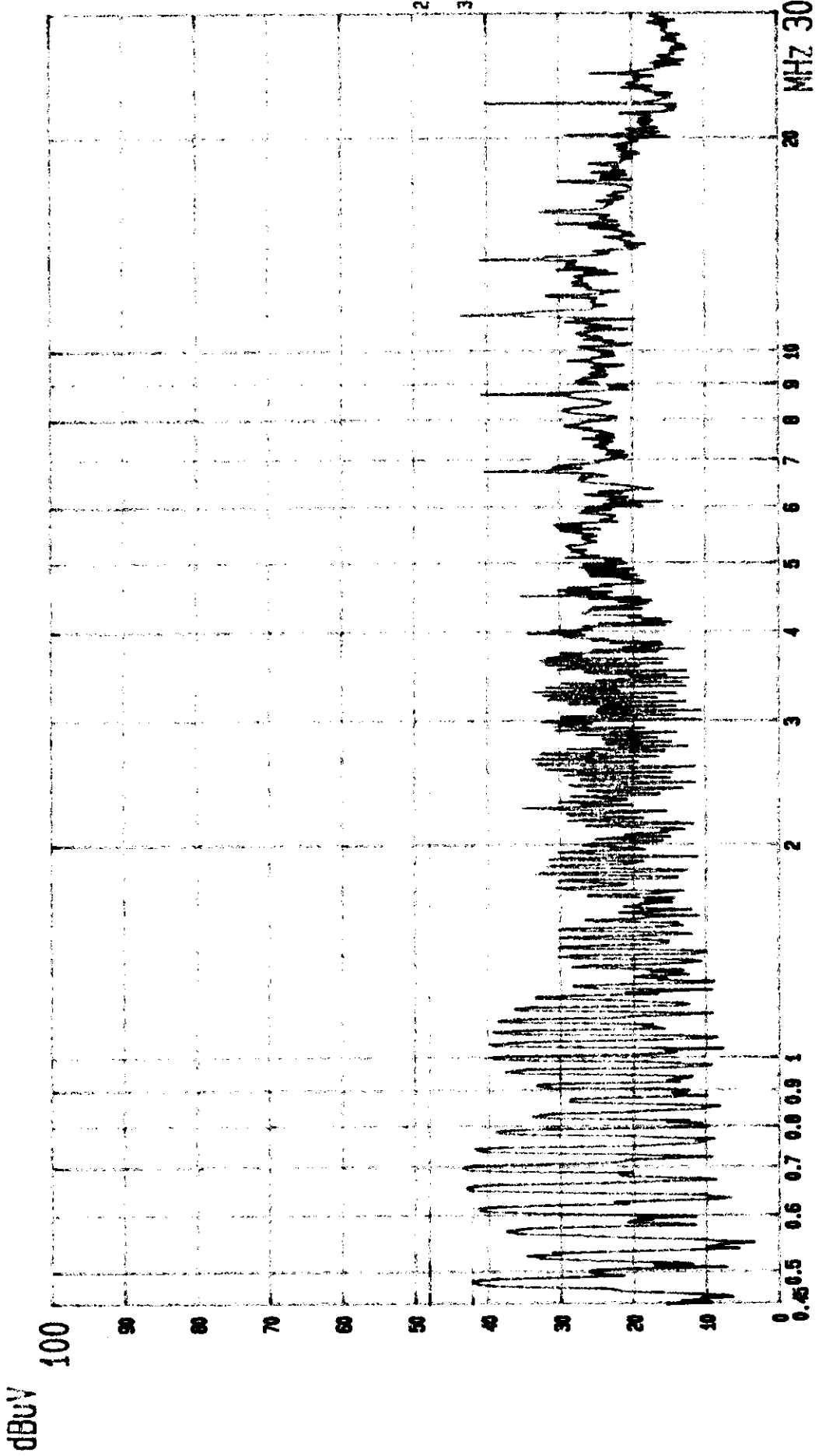
L--- Date 12.AUG '98 Time 13:47:14
 TOP Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
 LINE: VA. MEMO: 37.5KHZ (640X480: 75HZ); EUT TO PC
 (PEAK VALUE) TTEMC. PAGE: 004.



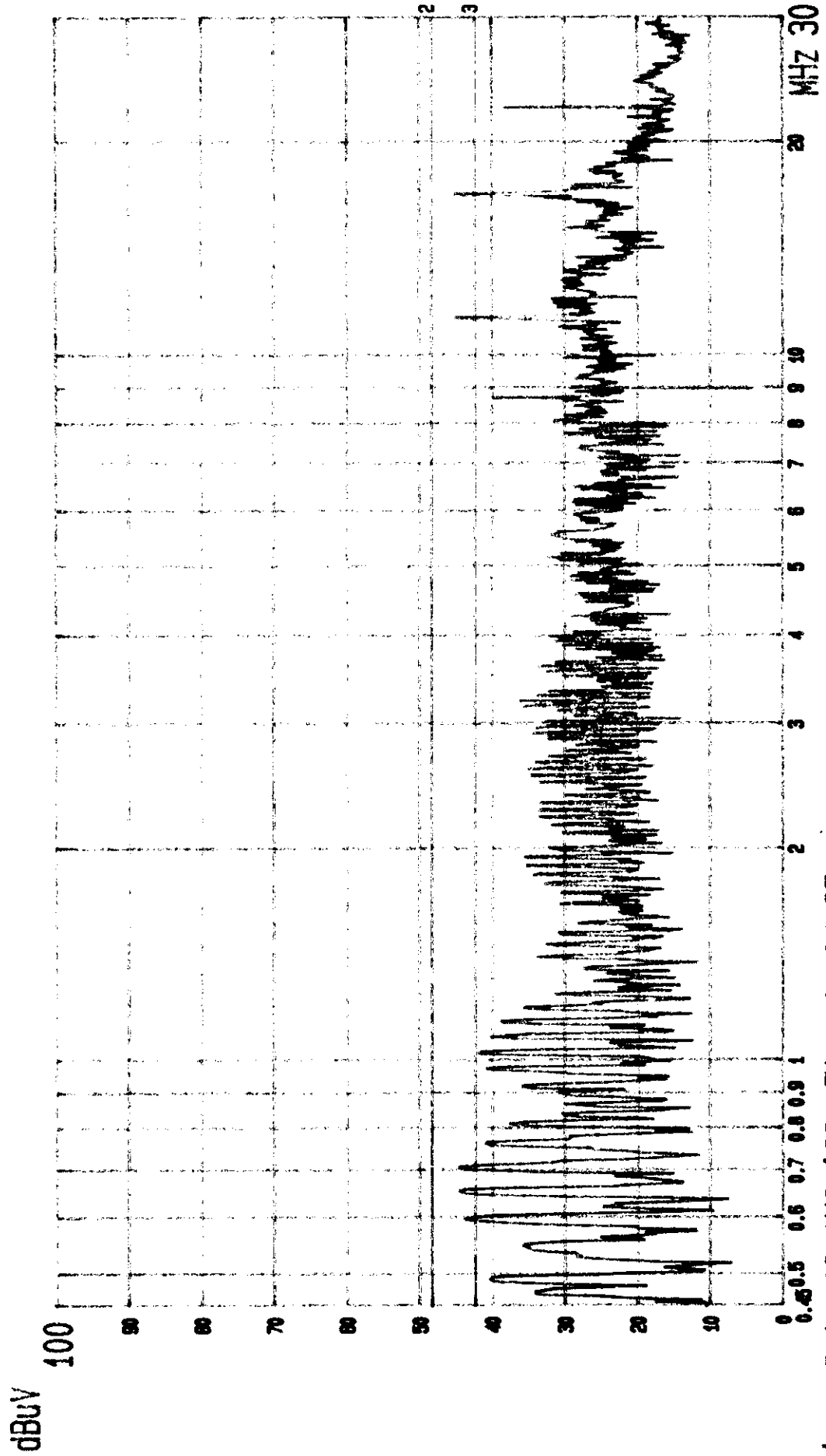
Date 12.AUG '98 Time 13:44:42
 Top Victory EUT: 15" COLOR MONITOR M/N: 15E4220T/W/Z
 LINE: VB. MEMO: 37.5KHZ (640X480; 75HZ); EUT TO PC
 (PEAK VALUE) ITEM: PAGE: 003.



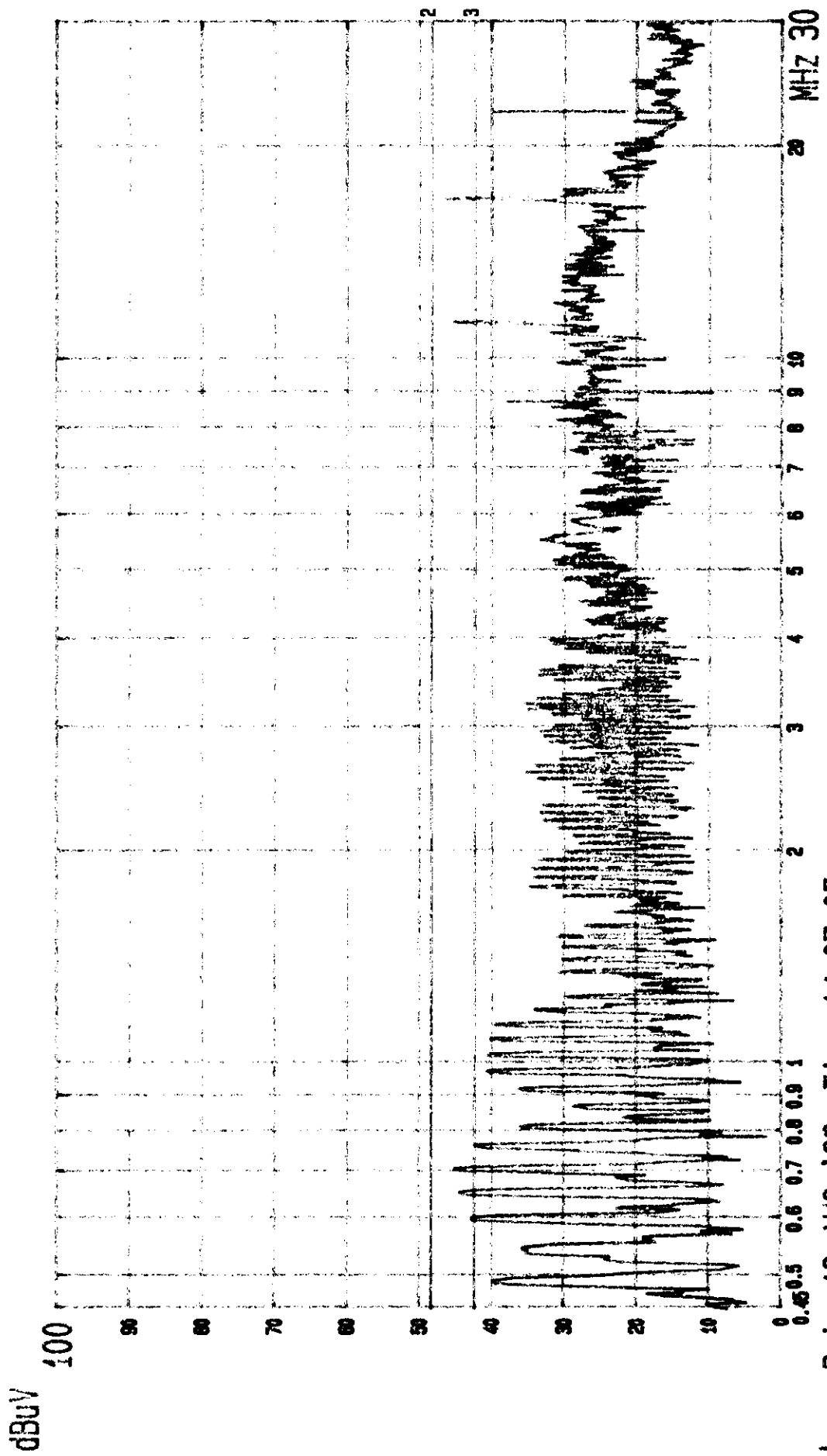
L--- Date 12.AUG '98 Time 13:50:06
 Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
 LINE: VA. MEMO: 43.3KHZ (640X480; 85HZ); EUT TO PC
 (PEAK VALUE) TTEMC. PAGE: 005.



--- 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 TO PC
 (PEAK VALUE) TTENC. PAGE: 006.



--- 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
 (PEAK VALUE) ITEM: PAGE: 009.

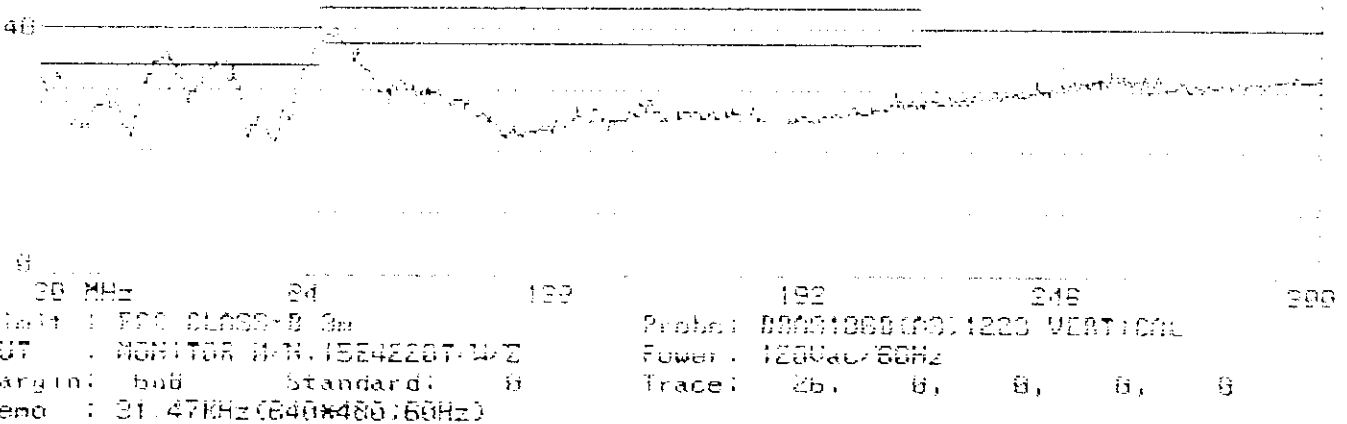
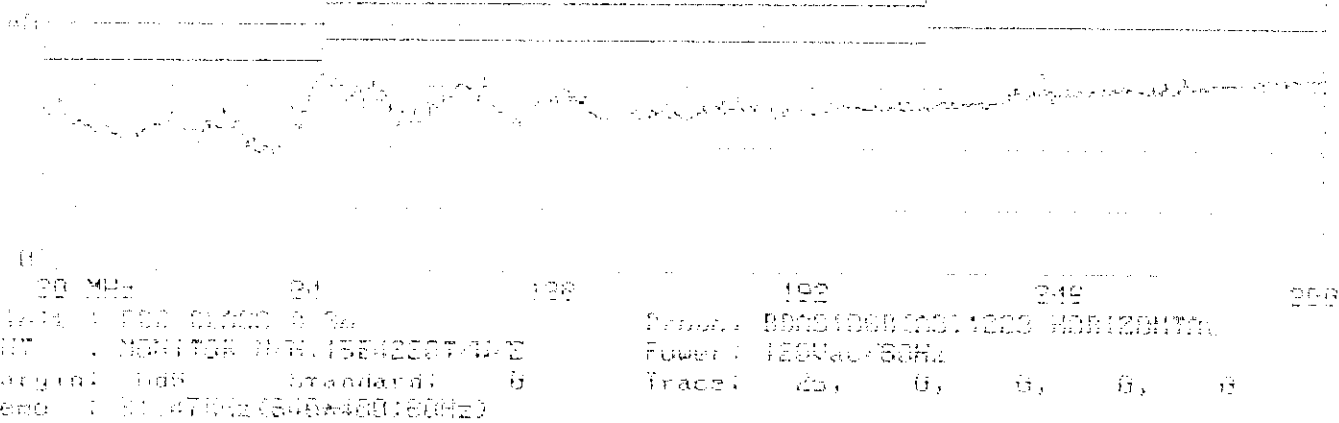


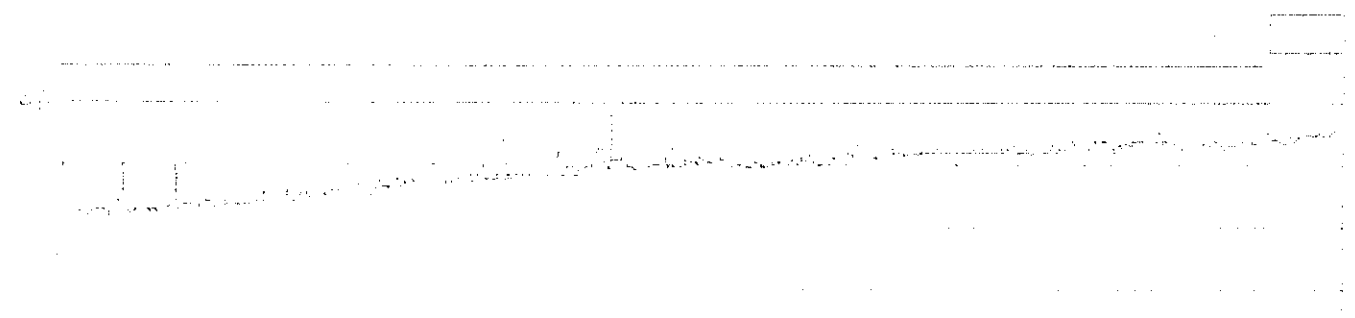
Date 12.AUG '98 Time 14:07:05
 Top Victory EUT: 15" Color Monitor M/N: 15E4220T/W/Z
 LINE: VB. MEMO: 53.67KHz (800X600; 85Hz); EUT TO PC
 (PEAK VALUE) TTEMC. PAGE: 010.

APPENDIX II

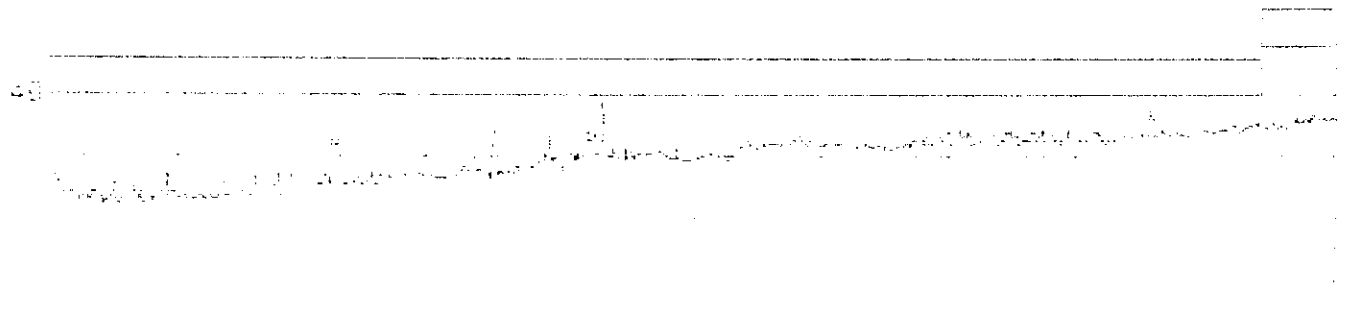
(Ratiated Test Data at Anechoic Chamber)

(Total Page : 10)

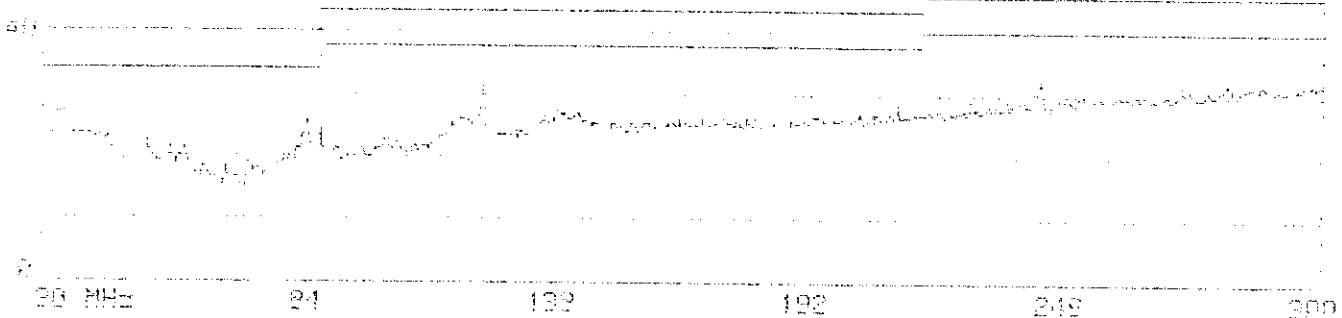




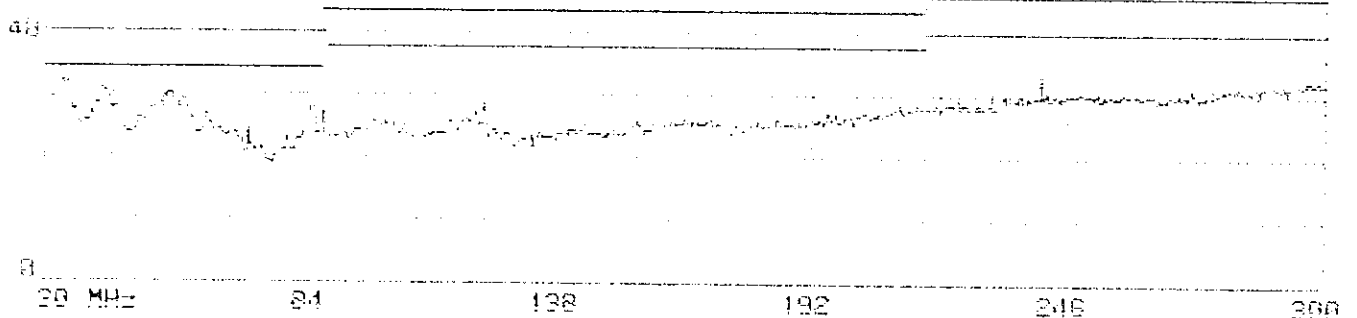
300 MHz 400 500 600 700 800 1000
Limit : FCC CLASS-B 3a Probe: UHF1P01078(03)1203 HORIZONTAL
EUT : MONITOR W/N.15842207-44Z Power: 1200uA/65Hz
Margin: 6dB Standard: B Trace: 27, 0, 0, 0, 0
Memo : 31.47kHz(640*400)50Hz



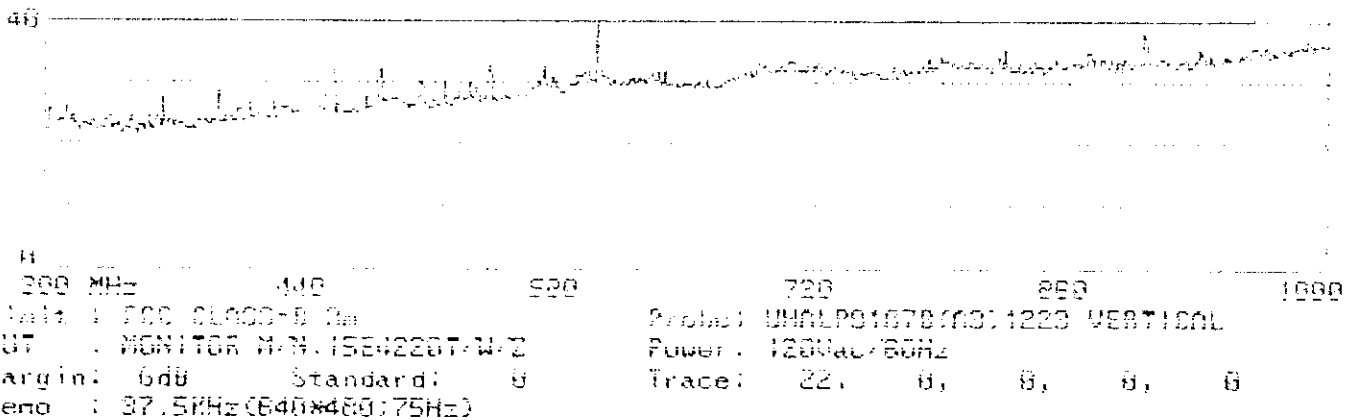
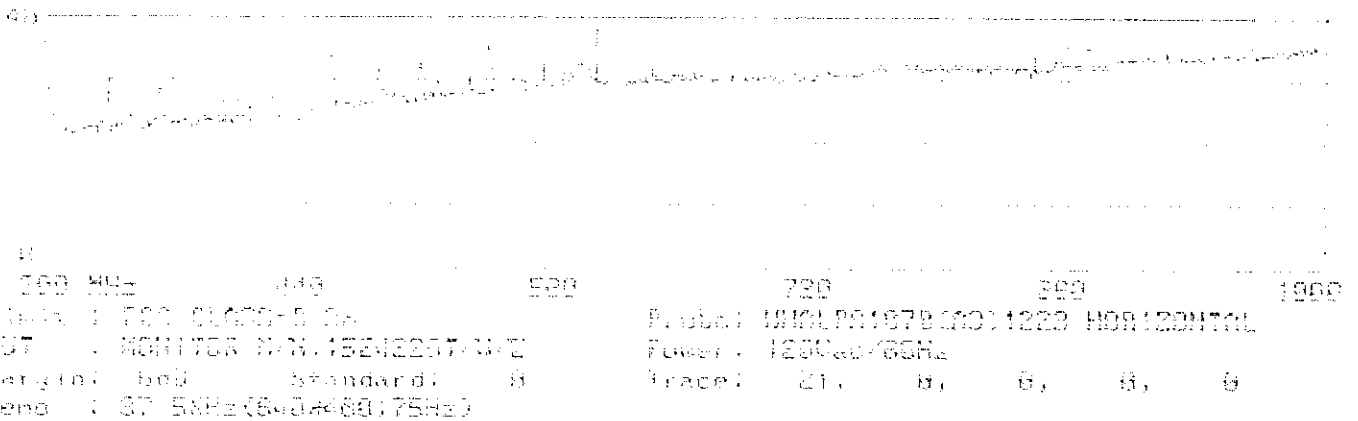
300 MHz 400 500 600 700 800 1000
Limit : FCC CLASS-B 3a Probe: UHF1P01078(03)1203 VERTICAL
EUT : MONITOR W/N.15842207-44Z Power: 1200uA/65Hz
Margin: 6dB Standard: B Trace: 28, 0, 0, 0, 0
Memo : 31.47kHz(640*400)50Hz

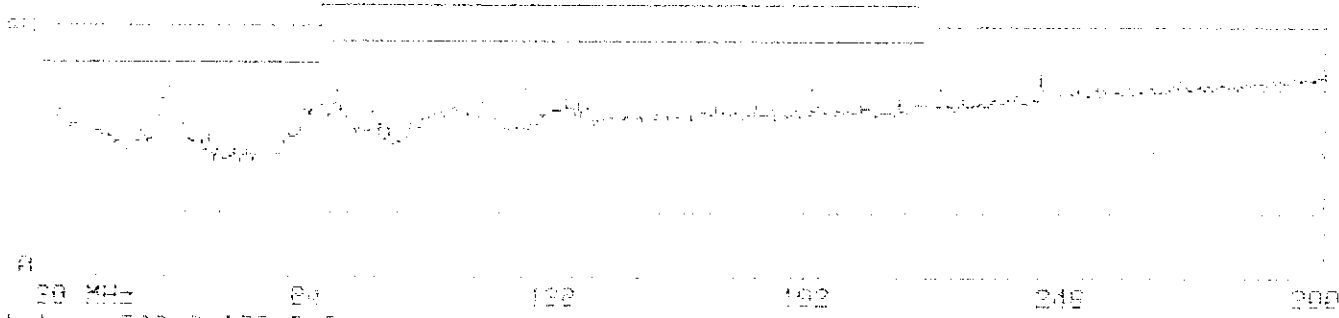


20 MHz 84 132 192 248 300
 Limit : FCC CLASS-B 3m Probe: 8009105B(A3)1223 HORIZONTAL
 EUT : MONITOR M/N:15E4220T/W/Z Power : 120Vac/60Hz
 Margin: 5dB Standard: 0 Trace: 23, 0, 0, 0, 0
 Memo : 37.5MHz (640x480;75Hz)

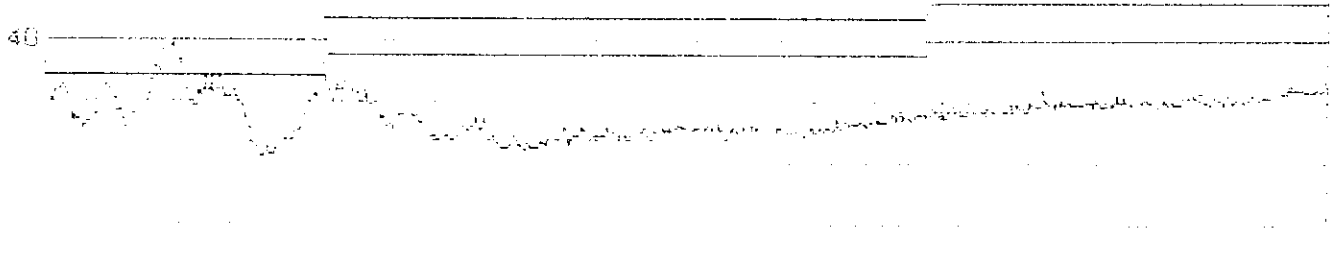


20 MHz 84 132 192 248 300
 Limit : FCC CLASS-B 3m Probe: 8009105B(A3)1223 VERTICAL
 EUT : MONITOR M/N:15E4220T/W/Z Power : 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 24, 0, 0, 0, 0
 Memo : 37.5MHz (640x480;75Hz)

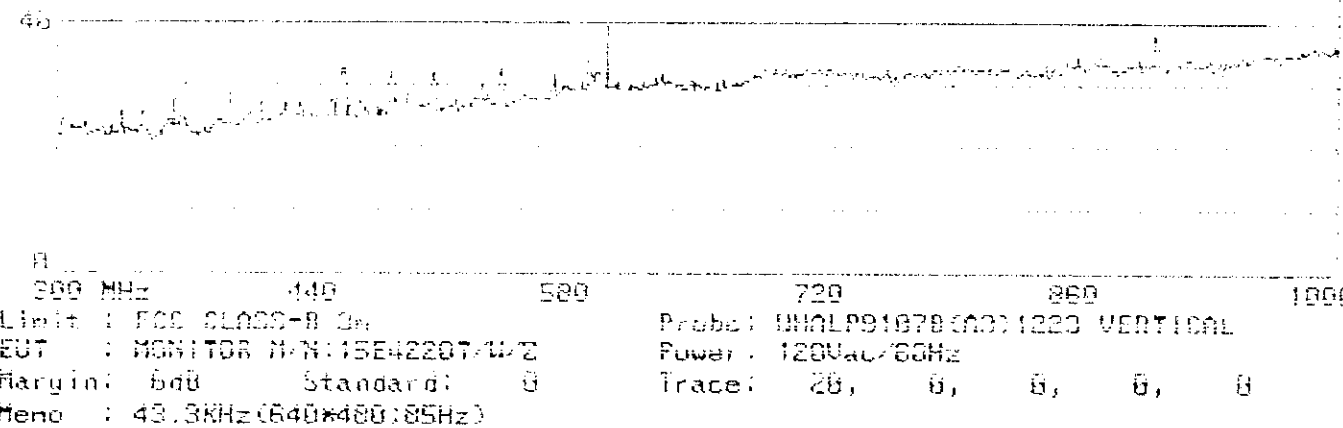
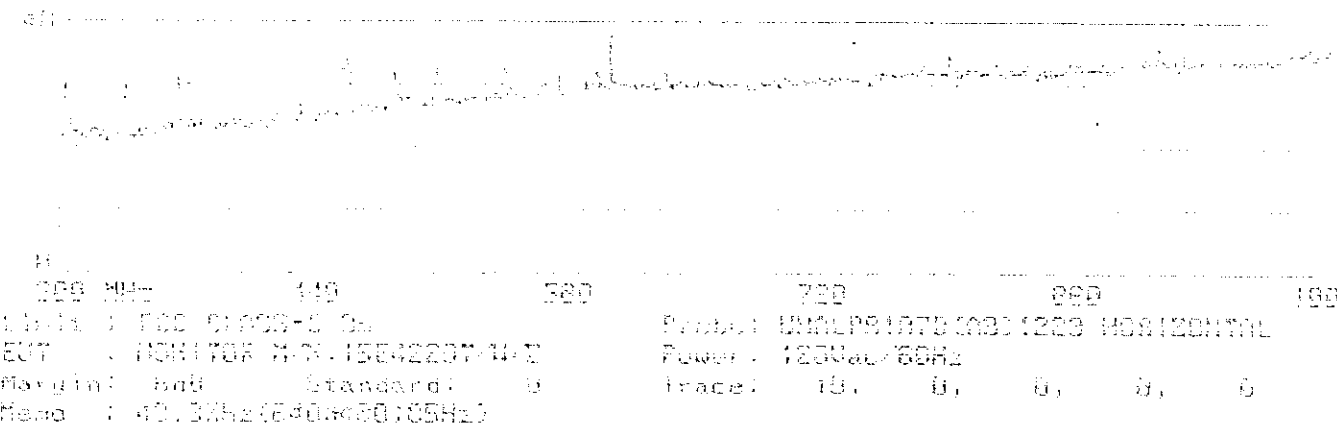


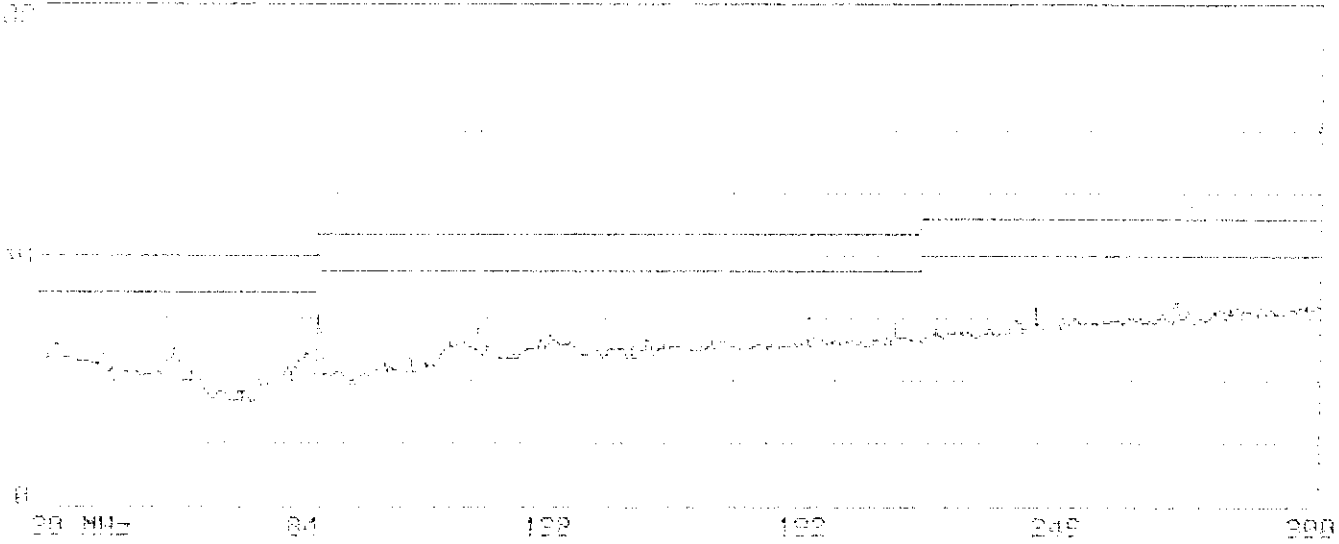


Unit : 20 MHz Span : 200
Limit : 700 CL000-0 0m Probe : 80091099B(00)1223 HORIZONTAL
EUT : MONITOR N-N:15E422RT/W-E Power : 120Vac/60Hz
Margin : 6dB Standard : 0 Trace : 17, 0, 0, 0, 0
Memo : 43.3KHz (640*480;85Hz)

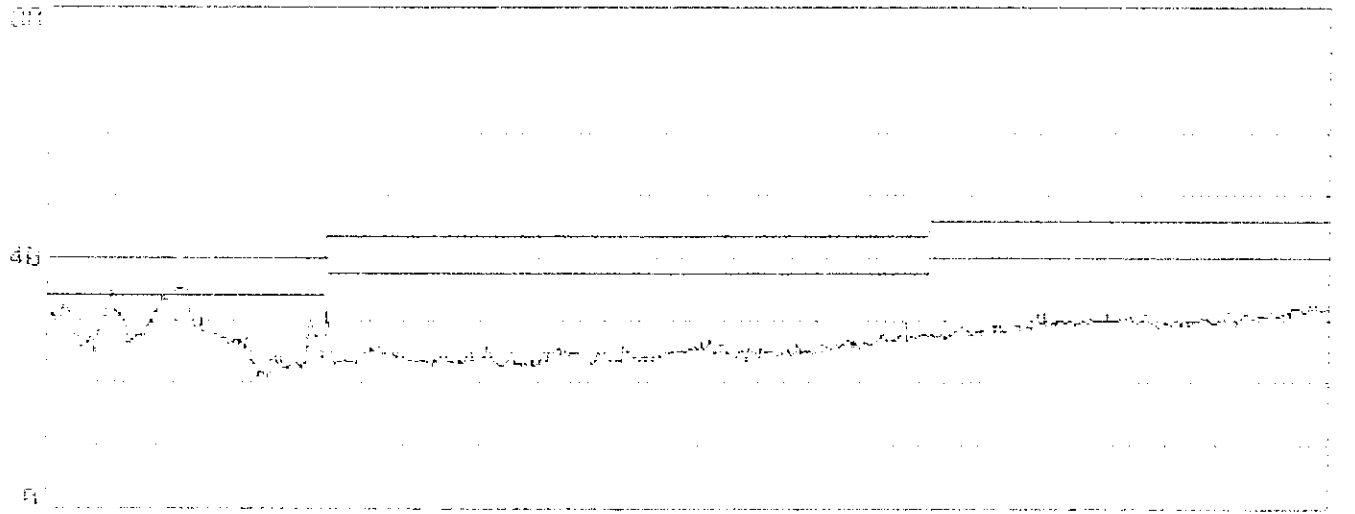


Unit : 20 MHz Span : 200
Limit : 700 CL000-0 0m Probe : 80091099B(00)1223 VERTICAL
EUT : MONITOR N-N:15E422RT/W-E Power : 120Vac/60Hz
Margin : 6dB Standard : 0 Trace : 18, 0, 0, 0, 0
Memo : 43.3KHz (640*480;85Hz)

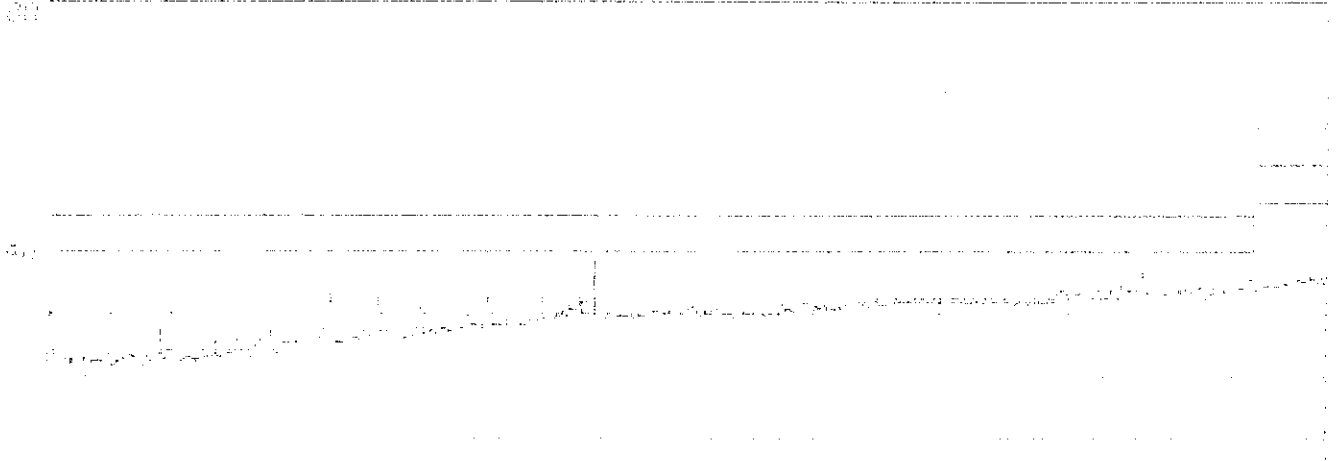




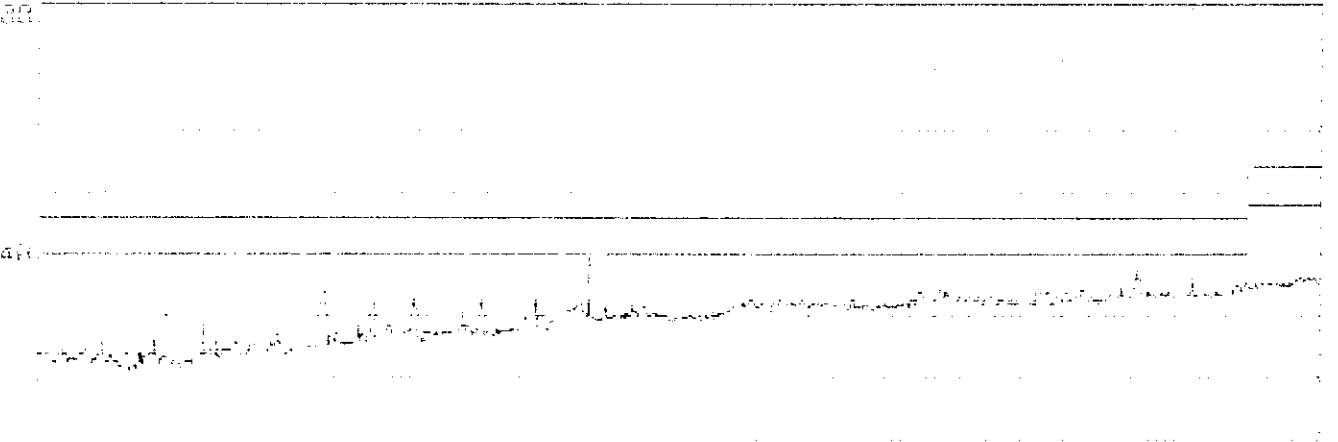
Limit : FCC CLASS-B 3m Probe : BRN9106B(CO)1223 MAGNIZENTAL
EUT : MONITOR N-N:15E4228T/W/Z Power : 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 15, 0, 0, 0, 0
Memo : 43.67MHz(800*600;75Hz)



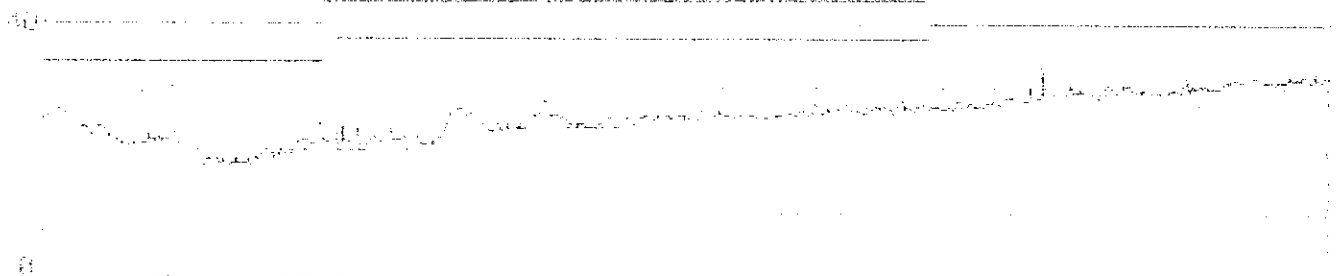
Limit : FCC CLASS-B 3m Probe : BRN9106B(CO)1223 VERTICAL
EUT : MONITOR N-N:15E4228T/W/Z Power : 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 16, 0, 0, 0, 0
Memo : 46.87MHz(800*600;75Hz)



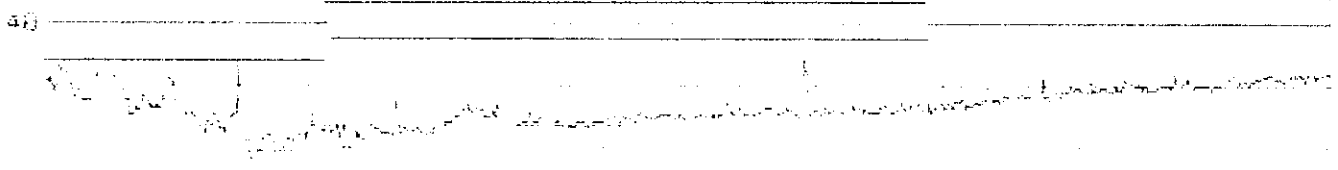
300 MHz 440 580 720 860 1000
Limit : FCC CLASS-B 3m Probe: UNKLP91678(A3)1223 HORIZONTAL
EUT : MONITOR M/N:15E4226T/W/C Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 13, 0, 0, 0
Memo : 46.87kHz(800*600;75Hz)



300 MHz 440 580 720 860 1000
Limit : FCC CLASS-B 3m Probe: UNKLP91678(A3)1223 VERTICAL
EUT : MONITOR M/N:15E4226T/W/C Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 14, 0, 0, 0
Memo : 46.87kHz(800*600;75Hz)



20 MHz 34 100 192 246 300
Limit : FCC CLASS-B 3u Probe: 80091068 (03)1223 HORIZONTAL
EUT : MONITOR N/N:15E42207/W/Z Power : 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 0, 0, 0, 0, 0
Memo : 53.675Hz (800*600:85Hz)



20 MHz 34 100 192 246 300
Limit : FCC CLASS-B 3u Probe: 80091068 (03)1223 VERTICAL
EUT : MONITOR N/N:15E42207/W/Z Power : 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 10, 0, 0, 0, 0
Memo : 53.67KHz (800*600:85Hz)

Mem: 58.87MHz(600*500:5Hz)

Margin: 6dB Standard: B

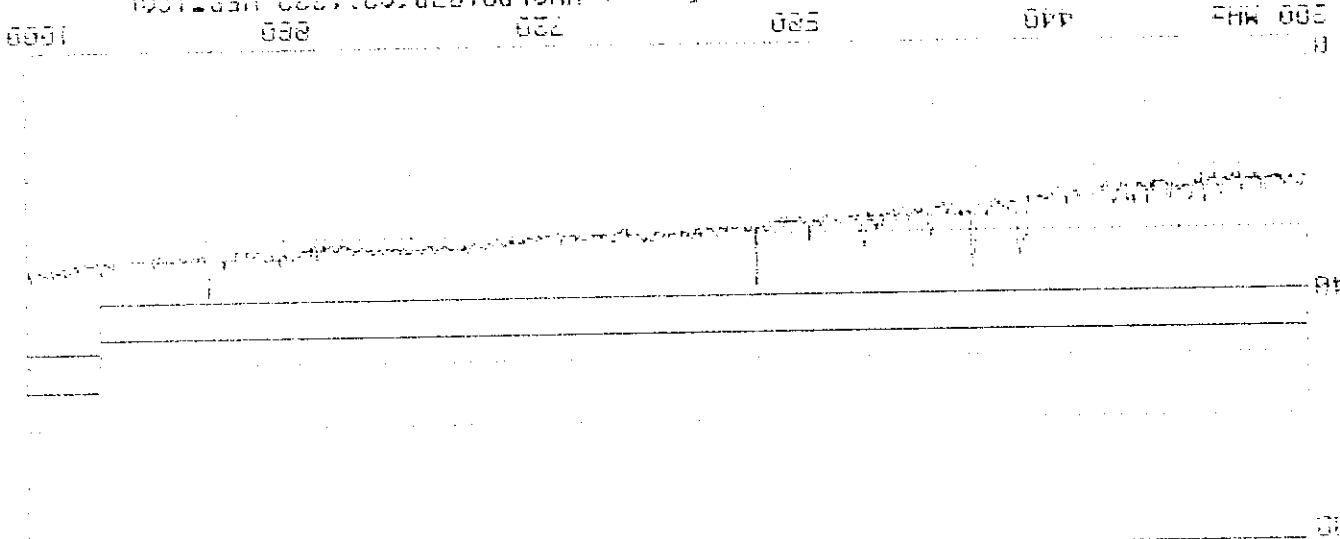
EUT: MONITOR M.N.15E4E3E7.M.2

Unit: 100 CLK=0.5

Power: 120uW/50Hz

Trace: 12

B B B B



Page: 12 SP Filter: 100Hz @ 58.87 MHz
 Filter: 100Hz @ 58.87 MHz
 Date: 07-29-1988 Time: 18:29:05

Mem: 58.87MHz(600*500:5Hz)

Margin: 6dB Standard: B

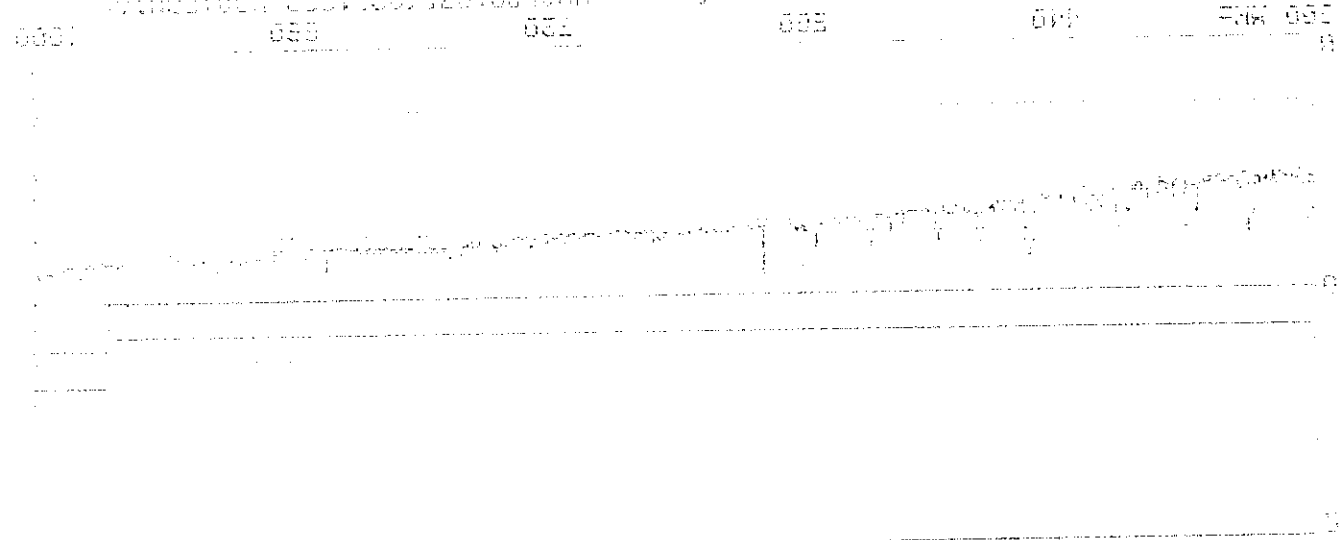
EUT: MONITOR M.N.15E4E3E7.M.2

Unit: 100 CLK=0.5

Power: 120uW/50Hz

Trace: 11

B B B B



Page: 11 SP Filter: 100Hz @ 58.87 MHz
 Filter: 100Hz @ 58.87 MHz
 Date: 07-29-1988 Time: 18:29:05