

EXHIBIT 4

Test Report

Test Report

TTEMC-F99094

APPLICATION FOR CERTIFICATION
On Behalf of
Top Victory Electronics (Taiwan) Co., Ltd.
19" Color Monitor

Model : (1)9Vlr (2)9Vlr+

FCC ID : ARSCM9850

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, 2609-2133

File Number : ATM-G99227
Report Number : TTEMC-F99094
Date of Test : May 31 ~ Jun. 25, 1999
Date of Report : Jul. 02, 1999

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	7
2. POWERLINE CONDUCTED TEST.....	8
2.1. Test Equipment	8
2.2. Block Diagram of Test Setup.....	8
2.3. Powerline Conducted Emission Limit (CLSPR 22 CLASS B)	8
2.4. EUT's Configuration during Compliance Measurement.....	9
2.5. Operating Condition of EUT.....	9
2.6. Test Procedure.....	10
2.7. Line Conducted RF Voltage Measurement Results.....	10
3. RADIATED EMISSION TEST	15
3.1. Test Equipment	15
3.2. Block Diagram of Test Setup.....	15
3.3. Radiation Limit (CLSPR 22 CLASS B)	16
3.4. EUT's Configuration during Compliance Measurement.....	16
3.5. Operating Condition of EUT.....	16
3.6. Test Procedure.....	17
3.7. Radiated Emission Measurement Results.....	17
4. MEDIFICATION TO EUT.....	20
5. DEVIATION TO TEST SPECIFICATIONS	21
6. PHOTOGRAPHS.....	22
6.1. Photos of Powerline Conducted Measurement.....	22
6.2. Photos of Radiated Measurement at Open Field Test Site	23
APPENDIX I (Conducted Test Data)	25
APPENDIX II (Radiated Test Data at Anechoic Chamber)	26

Tok99-F011

TEST REPORT CERTIFICATION

Applicant : Top Victory Electronics (Taiwan) Co., Ltd.
 Manufacturer : Top Victory Electronics (Fujian) Co., Ltd.
 FCC ID : ARSCM9850
 EUT Description : 19" Color Monitor
 (A) MODEL NO. : (1)9V1r (2)9V1r+
 (B) SERIAL NO. : N/A
 (C) POWER SUPPLY : AC 120V / 60Hz

Measurement Procedure Used :

FCC RULES AND CISPR 22 (DOCKET NO. 92-152, SEP. 1993) 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 CISPR 22 Class B limits both radiated and conducted emissions.

The measurement results are contained in this test report and TAIWAN TOKIN EMC ENG. CORP. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC official limits.

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 : May 31 ~ Jun. 25, 1999

Prepared by : Julie Hsu 7/2 '99
 (JULIE HSU)

Test Engineer : Allen Wang 7/8, '99
 (ALLEN WANG)

Approve & Authorized Signer : Jackie Deng 7/8 '99
 (JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	19" Color Monitor
Model Number	:	(1)9Vlr (MPR-2 Safety Version) (2)9Vlr+ (TCO 95' Safety Version)
FCC ID	:	ARSCM9850
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	:	Chunghwa, M/N M46AJN83X46 S/N A9093000107
Data Cable	:	Shielded, Undetachable, 1.2m Bonded two ferrite cores (one on inside and near video board, the other on outside)
Power Cord	:	Shielded, Detachable, 1.8m
Data of Receipt of Sample	:	May 12, 1999
Date of Test	:	May 31 ~ Jun. 25, 1999

1.2. Tested Supporting System Details

1.2.1. PERSONAL COMPUTER

Model Number	:	D5250A
Serial Number	:	US72455810
FCC ID	:	by FCC DoC
Manufacturer	:	HP
CD-ROM	:	Goldstar, M/N CRD-8240B S/N 7054007048 FCC ID BEJCRD-8240B
VGA Card	:	Metabyte FCC ID I27MM-VS03A
Sound Card	:	Digitan Systems, M/N DSAC-300 S/N F/D O 625938
Lan Card	:	Digitan Systems, M/N DS560-450 S/N F/D O 630443
Telephone Line	:	Non-shielded, Detachable, 1.8m
Power Cord	:	Non-Shielded, Undetachable, 1.8m

1.2.2. KEYBOARD

Model Number	:	SK-2501
Serial Number	:	M970441461
FCC ID	:	GYUR38SK
Manufacturer	:	HP
Data Cable	:	Shielded, Undetachable, 1.8m Bonded a ferrite core

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	:	Non-Shielded, Undetachable, 2.0m
Data Cable	:	Shielded, Detachable, 1.2m

1.2.4. MODEM

Model Number	:	DM-1414
Serial Number	:	980034388
FCC ID	:	IFAXDM1414
Manufacturer	:	Accex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, M/N AM-91000A Non-Shielded, Undetachable, 1.8m

1.2.5. MOUSE

Model Number : M-S34
 Serial Number : LZA65242531
 FCC ID : DZL211029
 Manufacturer : HP
 Data Cable : Shielded, Undetachable, 1.8m

1.2.6. USB MOUSE #1

Model Number : M-UB48
 Serial Number : LZB81900219
 FCC ID : DZL211137
 Manufacturer : Logitech
 Data Cable : Shielded, Undetachable, 1.8m

1.2.7. USB MOUSE #2

Model Number : M-UB48
 Serial Number : LZB81900227
 FCC ID : DZL211137
 Manufacturer : Logitech
 Data Cable : Shielded, Undetachable, 1.8m

1.2.8. SPEAKER

Model Number : J-008
 Serial Number : J80549103
 Manufacturer : (J-S) JAZZ HIPSTER
 Data Cable : Non-Shielded, Undetachable, 1m

1.2.9. MICROPHONE

Model Number : HD-303
 Serial Number : N/A
 Manufacturer : Multimedia Microphone System
 Data Cable : Non-Shielded, Undetachable, 2.2m

1.2.10. WALKMAN

Model Number : RQ-P35LT-K
 Serial Number : HA08623
 Manufacturer : Panasonic
 Data Cable : Non-Shielded, Detachable, 1.8m

1.2.11. EARPHONE #1

Model Number : N/A
 Manufacturer : Panasonic
 Earphone Cable : Non-Shielded, Undetachable, 1.1m

1.2.12. EARPHONE #2

Model Number : N/A
 Serial Number : N/A
 Manufacturer : Cathay Pacific
 Data Cable : Non-Shielded, Undetachable, 1.2m

1.2.13. GAME PAD

Model Number	:	S-2300
Serial Number	:	N/A
Manufacturer	:	Super Cobra
Data Cable	:	Non-Shielded, Undetachable, 1.35m

1.2.14. TELEPHONE

Model Number	:	RS-802M
Serial Number	:	N/A
Manufacturer	:	Ju Tong
Data Cable	:	Non-Shielded, Detachable, 0.5m

1.3. Description of Test Facility

Site Description (No. 3 Open Site)	:	Mar. 11, 1997 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

TOK99-F011

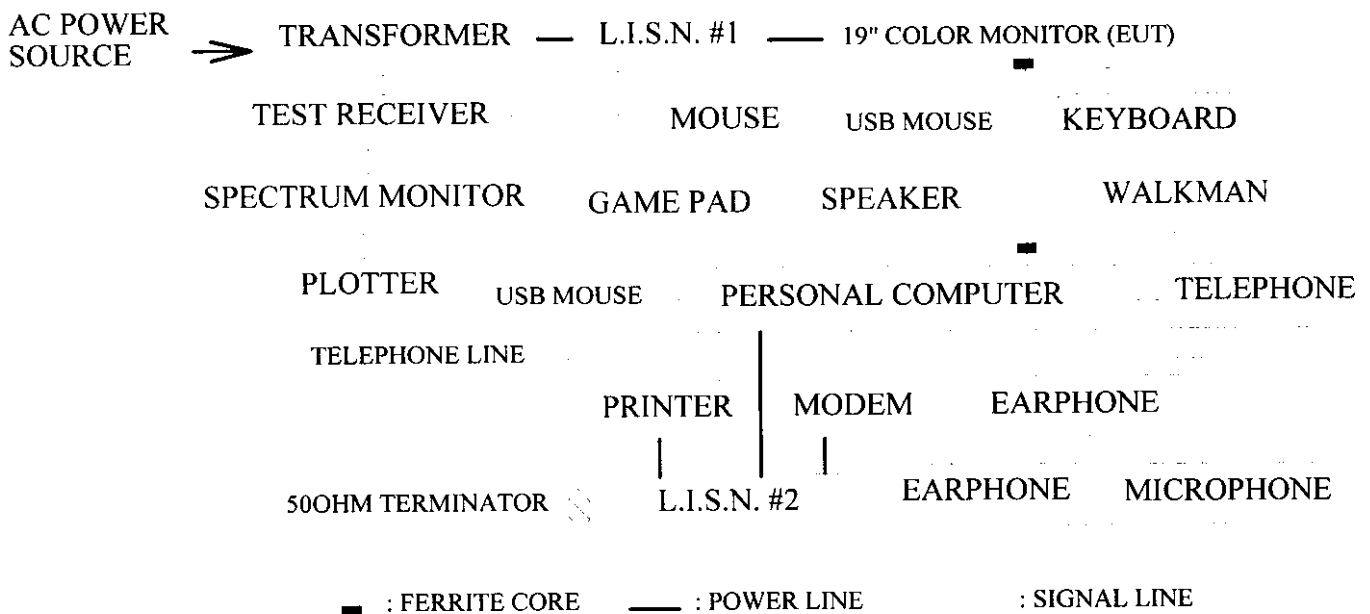
2. POWERLINE CONDUCTED TEST

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	ESHS 10	844591/015	Jan.30, 99'	1 Year
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-1370-10	May 26, 99'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-1370-9	May 26, 99'	1 Year

2.2. Block Diagram of Test Setup



2.3. Powerline Conducted Emission Limit (CLSPR 22 CLASS B)

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150KHz ~ 500KHz	66 ~ 56 dB	56 ~ 46 dB
500KHz ~ 5MHz	56 dB	46 dB
5MHz ~ 30MHz	60 dB	50 dB

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. 19" Color Monitor (EUT)

Model Number	:	9Vlr
FCC ID	:	ARSCM9850
Manufacturer	:	Top Victory Electronics (Fujian) Co., Ltd.
CRT	:	Chunghwa, M/N M46AJN83X46 S/N A9093000107
Data Cable	:	Shielded, Undetachable, 1.2m Bonded a ferrite core (one on inside and near video board, the other on outside)
Power Cord	:	Shielded, Detachable, 1.8

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 running the self-test program "HWin" by windows and 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. Personal Computer read data from floppy disk 、 Modem and then wrote the data into floppy disk 、 Modem.
- 2.5.6. 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 ESHS 10 was set at 10KHz.

The frequency range from 150KHz to 30MHz was checked.

Five kinds of horizontal working frequency and display pattern were investigated during pre-scanning and report the worst mode (5)(86KHz/1280*768) in the section 2.7., the others test data are attached within Appendix I. The detail of test modes are as follows :

- (1) 42.6KHz (640*480, 85Hz)
- (2) 54KHz (800*600, 85Hz)
- (3) 64KHz (1280*1024, 60Hz)
- (4) 69KHz (1024*768, 85Hz)
- (5) 86KHz (1280*960, 85Hz)

2.7. Line Conducted RF Voltage Measurement Results

PASSED. All the test results are listed in the following pages.

Test Date : Jun. 01, 1999 Temperature : 26 °C Humidity : 60 %

Test Mode : 86KHz / 1280*960, 85Hz

Reference Data # : # 519 (520, 521), # 516 (517, 518)

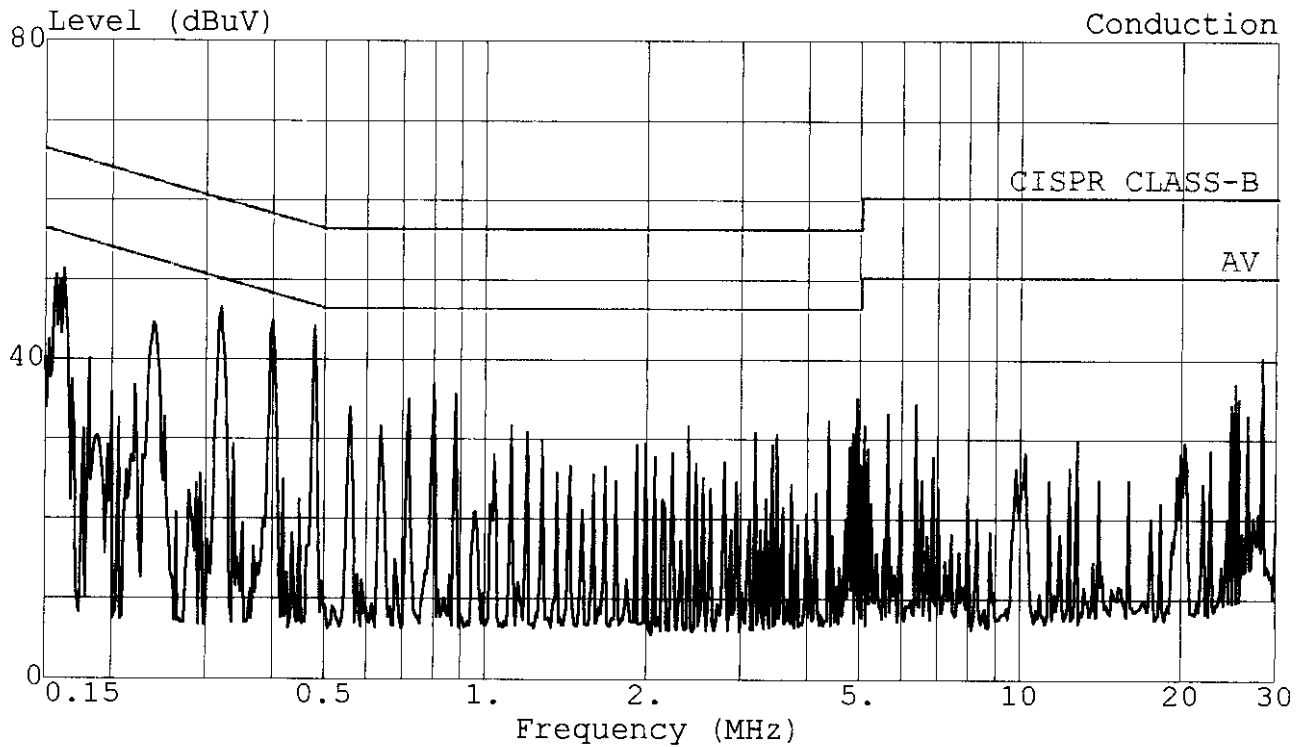
TOKIN

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

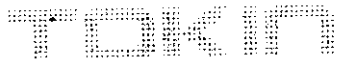
TAIWAN TOKIN EMC ENG. CORP.

Data#: 519 File#: TOP-VICT.EMI

Date: 1999-06-01 Time: 15:59:22



Trace: Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL Ref Trace:
EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
Power: 120Vac/60Hz
Memo : 1280*960/85Hz;86KHz



Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 520 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 16:05:18
Conduction
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 1280*960/85Hz;86KHz

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.160	49.55	-15.92	65.48	49.26	0.26	0.03	0.00	QP
2	0.400	47.23	-10.63	57.86	47.05	0.14	0.04	0.00	QP
3	1.120	33.20	-22.80	56.00	33.05	0.10	0.05	0.00	QP
4	2.400	29.58	-26.42	56.00	29.43	0.10	0.05	0.00	QP
5	6.398	34.45	-25.55	60.00	34.30	0.10	0.05	0.00	QP
6	25.190	39.21	-20.79	60.00	38.56	0.45	0.20	0.00	QP

Data#: 521 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 16:05:59
Conduction
Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 1280*960/85Hz;86KHz

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.160	44.65	-10.82	55.48	44.36	0.26	0.03	0.00	Average
2 !	0.400	44.20	-3.66	47.86	44.02	0.14	0.04	0.00	Average
3	1.120	32.66	-13.34	46.00	32.51	0.10	0.05	0.00	Average
4	2.400	28.47	-17.53	46.00	28.32	0.10	0.05	0.00	Average
5	6.398	32.37	-17.63	50.00	32.22	0.10	0.05	0.00	Average
6	25.190	28.45	-21.55	50.00	27.80	0.45	0.20	0.00	Average

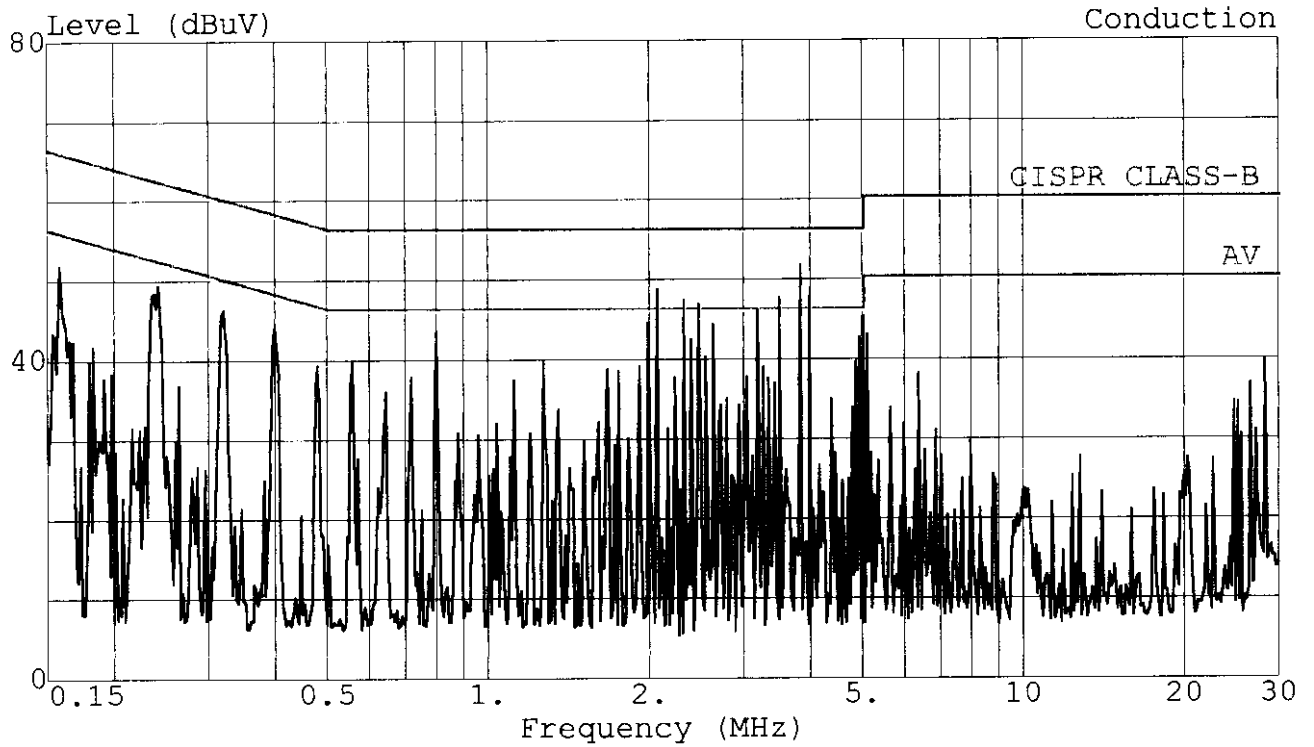
TOKIN

FCC ID: ARSCM9850 Page 13 of 26
Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

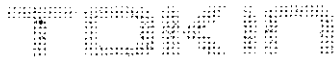
TAIWAN TOKIN EMC ENG. CORP.

Data#: 516 File#: TOP-VICT.EMI

Date: 1999-06-01 Time: 15:52:29



Trace: Ref Trace:
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 1280*960/85Hz;86KHz



FCC ID: ARSCM9850 Page 14 of 26
 Test Site:
 #53-11 Tingfu Tsun, Linkou,
 Taipei, Taiwan R.O.C.
 Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 517 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:57:24
 Conduction
 Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
 Power: 120Vac/60Hz
 Memo : 1280*960/85Hz;86KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.158	50.16	-15.41	65.57	49.86	0.27	0.03	0.00	QP
2	0.320	45.73	-13.98	59.71	45.54	0.15	0.04	0.00	QP
3	0.799	40.67	-15.33	56.00	40.52	0.10	0.05	0.00	QP
4	2.080	41.01	-14.99	56.00	40.86	0.10	0.05	0.00	QP
5	5.039	42.14	-17.86	60.00	41.99	0.10	0.05	0.00	QP
6	24.790	34.45	-25.55	60.00	33.81	0.44	0.20	0.00	QP

Data#: File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:58:01
 Conduction
 Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
 Power: 120Vac/60Hz
 Memo : 1280*960/85Hz;86KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.158	44.50	-11.07	55.57	44.20	0.27	0.03	0.00	Average
2 !	0.320	44.74	-4.97	49.71	44.55	0.15	0.04	0.00	Average
3 !	0.799	37.60	-8.40	46.00	37.45	0.10	0.05	0.00	Average
4	2.080	31.17	-14.83	46.00	31.02	0.10	0.05	0.00	Average
5	5.039	31.04	-18.96	50.00	30.89	0.10	0.05	0.00	Average
6	24.790	33.54	-16.46	50.00	32.90	0.44	0.20	0.00	Average

TOK99-F011

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

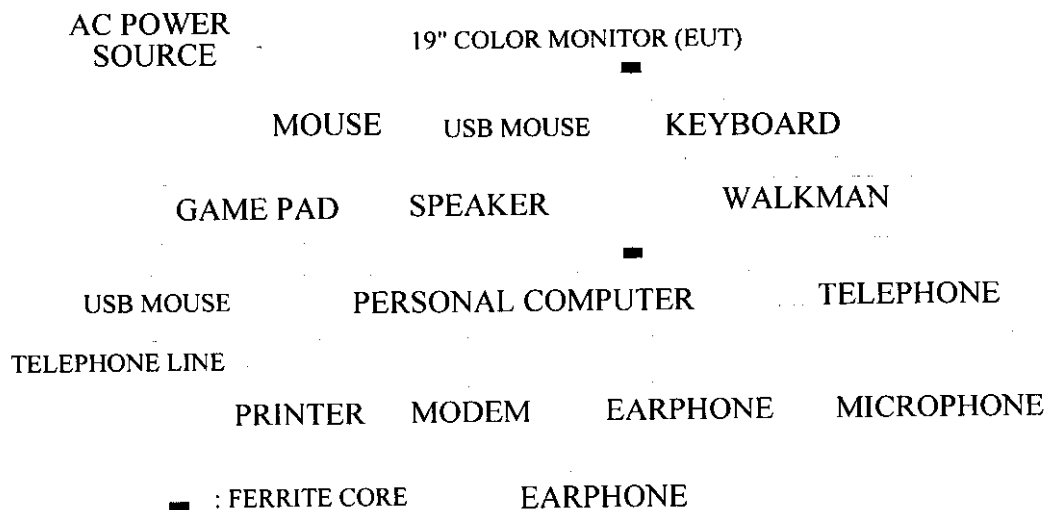
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8593A	3212A01727	Jul.25, 98'	1 Year
2.	Pre-Amplifier	HP	8447D	2944A06305	Dec 09, 98'	1 Year
3.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Dec.09, 98'	1 Year
4.	Broadband Antenna	Schwarzbeck	UHALP 9107	A3H	Dec.09, 98'	1 Year

3.1.2. For No. 3 Open Site

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESVS10	845165/002	Dec.12. 98'	1 Year
2.	Pre-Amplifier	HP	8449B	3008A00529	Jan.27, 99'	1 Year
3.	Broadband Antenna	Chase	VBA6106A	1231	Dec.30, 98'	1 Year
4.	Log Periodic Antenna	Chase	UPA6109	1027	Dec.30, 98'	1 Year

3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Anechoic Chamber (3M) & Open Field Test Site (10M) Setup Diagram

ANTENNA TOWER

ANTENNA ELEVATION VARIES FROM 1METER TO 4 METERS

3 or 10 METERS

EUT

0.8
METER

TURN TABLE

GROUND PLANE

3.3. Radiation Limit (CLSPR 22 CLASS B)

All emanations from a class B computing devices or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

FREQUENCY (MHz)	DISTANCE (Meters)	FIELD STRENGTHS LIMITS (dBuV/m)
30 ~ 230	10	30
230 ~ 1000	10	37

- Note :
- (1) The tighter limit shall apply at the edge between two frequency bands.
 - (2) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the E.U.T..

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 10 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 ESVS10 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) 42.6KHz (640*480, 85Hz)
- (2) 54KHz (800*600, 85Hz)
- (3) 64KHz (1280*1024, 60Hz)
- (4) 69KHz (1024*768, 85Hz)
- (5) 86KHz (1280*960, 85Hz)

Finally, remeasured the worst mode (86KHz/1280*960) operating situation at No. 3 Open Field Test Site and all the test results were listed in section 3.8.

3.7. Test Results

PASSED. Please refer to the following pages.

3.8. Radiated Emission Measurement Results

All the emissions not reported below are too low against the CISPR 22 Class B limit..

Date of Test : Jun. 25, 1999 Temperature : 26 °C
 EUT : 19" Color Monitor Humidity : 40 %
 Test Mode : 86KHz / 1280*960, 85Hz

Frequency MHz	Antenna		Cable Meter Reading		Emission Level		Margin dB
	Factor dB/m	Loss dB	Horizontal dBuV	Horizontal dBuV/m	Limits dBuV/m		
41.517	17.73	1.20	0.42	19.35	30.00	10.65	
69.225	12.02	1.60	3.09	16.71	30.00	13.29	
83.115	14.30	1.60	6.59	22.49	30.00	7.51	
110.766	18.16	2.00	- 1.24	18.92	30.00	11.08	
* 138.417	19.73	2.40	4.20	26.33	30.00	3.67	
179.957	20.84	2.60	2.25	25.69	30.00	4.31	
207.645	20.76	3.00	2.40	26.16	30.00	3.84	
249.200	21.89	3.20	4.94	30.03	37.00	6.97	
276.900	23.23	3.40	3.03	29.66	37.00	7.34	
318.404	14.07	3.60	9.07	26.74	37.00	10.26	
401.469	16.36	4.20	11.63	32.19	37.00	4.81	
429.155	16.59	4.40	11.36	32.35	37.00	4.65	
470.685	17.61	4.80	10.69	33.10	37.00	3.90	
539.893	19.28	5.20	7.74	32.22	37.00	4.78	
609.131	20.31	5.40	2.43	28.14	37.00	8.86	

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 138.417MHz with corrected signal level of 26.33dBuV/m (limit is 30dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 200° .
 3. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Date of Test : Jun. 25, 1999 Temperature : 26 °C
 EUT : 19" Color Monitor Humidity : 40 %
 Test Mode : 86KHz / 1280*960, 85Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBuV	Emission Level Vertical dBuV/m	Limits dBuV/m	Margin dB
41.527	18.69	1.20	6.86	26.75	30.00	3.25
69.254	12.54	1.60	11.37	25.51	30.00	4.49
110.747	17.37	2.00	0.04	19.41	30.00	10.59
138.447	18.92	2.40	5.54	26.86	30.00	3.14
152.293	20.85	2.40	2.46	25.71	30.00	4.29
179.969	20.90	2.60	2.52	26.02	30.00	3.98
207.641	21.72	3.00	1.42	26.14	30.00	3.86
249.198	21.84	3.20	1.72	26.76	37.00	10.24
318.416	14.36	3.60	5.98	23.94	37.00	13.06
387.632	16.83	4.00	3.94	24.77	37.00	12.23
* 456.853	17.50	4.60	11.80	33.90	37.00	3.10
470.673	18.49	4.80	8.95	32.24	37.00	4.76
539.914	18.96	5.20	6.87	31.03	37.00	5.97
706.019	21.44	5.80	1.87	29.11	37.00	7.89
733.722	21.42	6.00	3.40	30.82	37.00	6.18
747.553	21.98	6.20	4.33	32.51	37.00	4.49

- Remark :
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 456.853MHz with corrected signal level of 33.90dBuV/m (limit is 30dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 145° .
 3. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

4. MEDIFICATION TO EUT

1. Focus & G2 add one ferrite core.
2. Video board with metal shielding case.
3. External signal cable add two ferrite core one on video board input the other on the signal cable outside.
4. From CRT arcing wire (right & left side) to mother board ground wire.
5. From CRT arcing wire (right & left side) to video board shielding case add three ground wire.
6. From video shielding case on the rear side (right, left & middle side) to mother board add three ground wires.
7. Safety ground wire add a ferrite core.
8. DC Power line add a ferrite core.

5. DEVIATION TO TEST SPECIFICATIONS

【 NONE 】

APPENDIX I (Conducted Test Data)

Total Page : 16

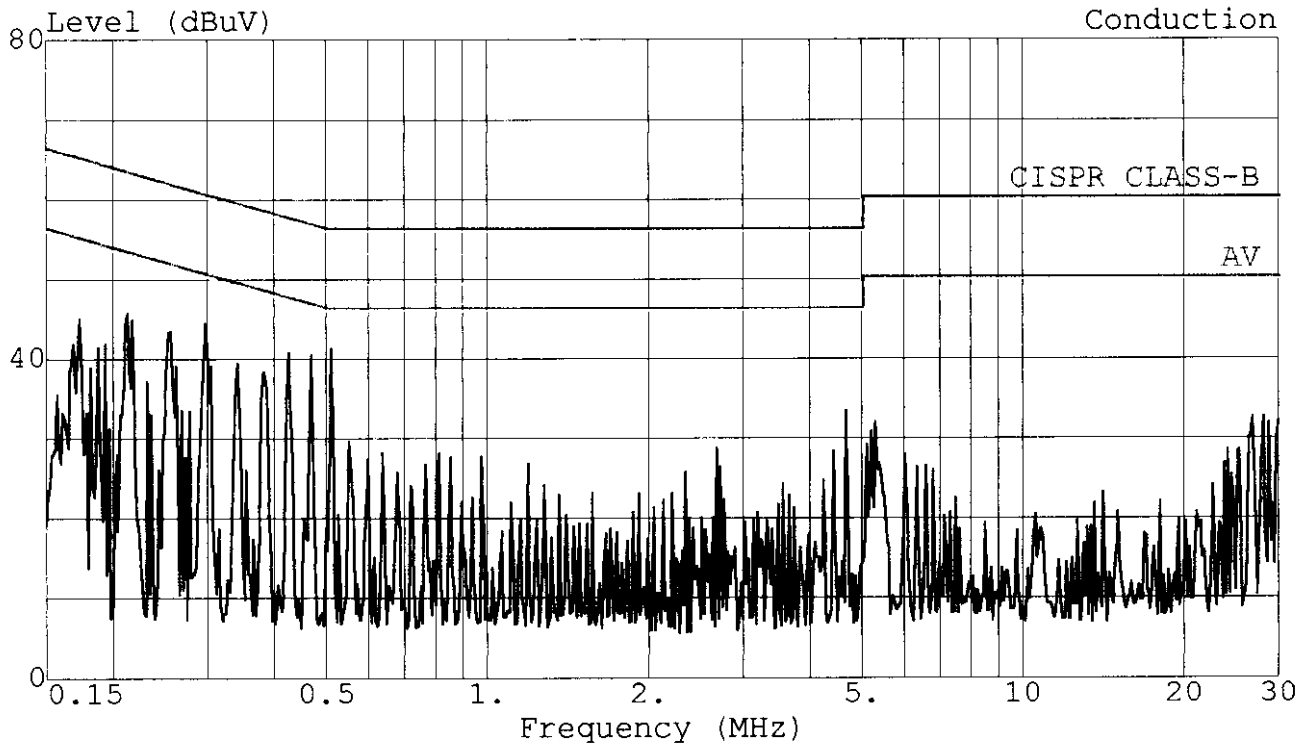
TOKIN

TAIWAN TOKIN EMC ENG. CORP.

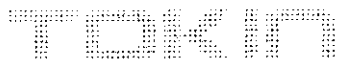
Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 522 File#: TOP-VICT.EMI

Date: 1999-06-01 Time: 16:10:09



Trace: Ref Trace:
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 640*480/85Hz;42.6KHz



Test Site:
 #53-11 Tingfu Tsun, Linkou,
 Taipei, Taiwan R.O.C.
 Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 523 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 16:12:46

Conduction

Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL

EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+

Power: 120Vac/60Hz

Memo : 640*480/85Hz;42.6KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.171	41.06	-23.86	64.92	40.80	0.23	0.03	0.00	QP
2	0.426	39.44	-17.89	57.33	39.27	0.13	0.04	0.00	QP
3	1.193	25.02	-30.98	56.00	24.87	0.10	0.05	0.00	QP
4	4.688	30.42	-25.58	56.00	30.27	0.10	0.05	0.00	QP
5	14.148	22.86	-37.14	60.00	22.57	0.19	0.09	0.00	QP
6	26.845	32.71	-27.29	60.00	32.04	0.47	0.20	0.00	QP

Data#: 523 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 16:13:21

Conduction

Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 NEUTRAL

EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+

Power: 120Vac/60Hz

Memo : 640*480/85Hz;42.6KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.171	37.46	-17.46	54.92	37.20	0.23	0.03	0.00	Average
2 !	0.426	37.62	-9.71	47.33	37.45	0.13	0.04	0.00	Average
3	1.193	22.19	-23.81	46.00	22.04	0.10	0.05	0.00	Average
4	4.688	20.18	-25.82	46.00	20.03	0.10	0.05	0.00	Average
5	14.148	19.57	-30.43	50.00	19.28	0.19	0.09	0.00	Average
6	26.845	31.42	-18.58	50.00	30.75	0.47	0.20	0.00	Average

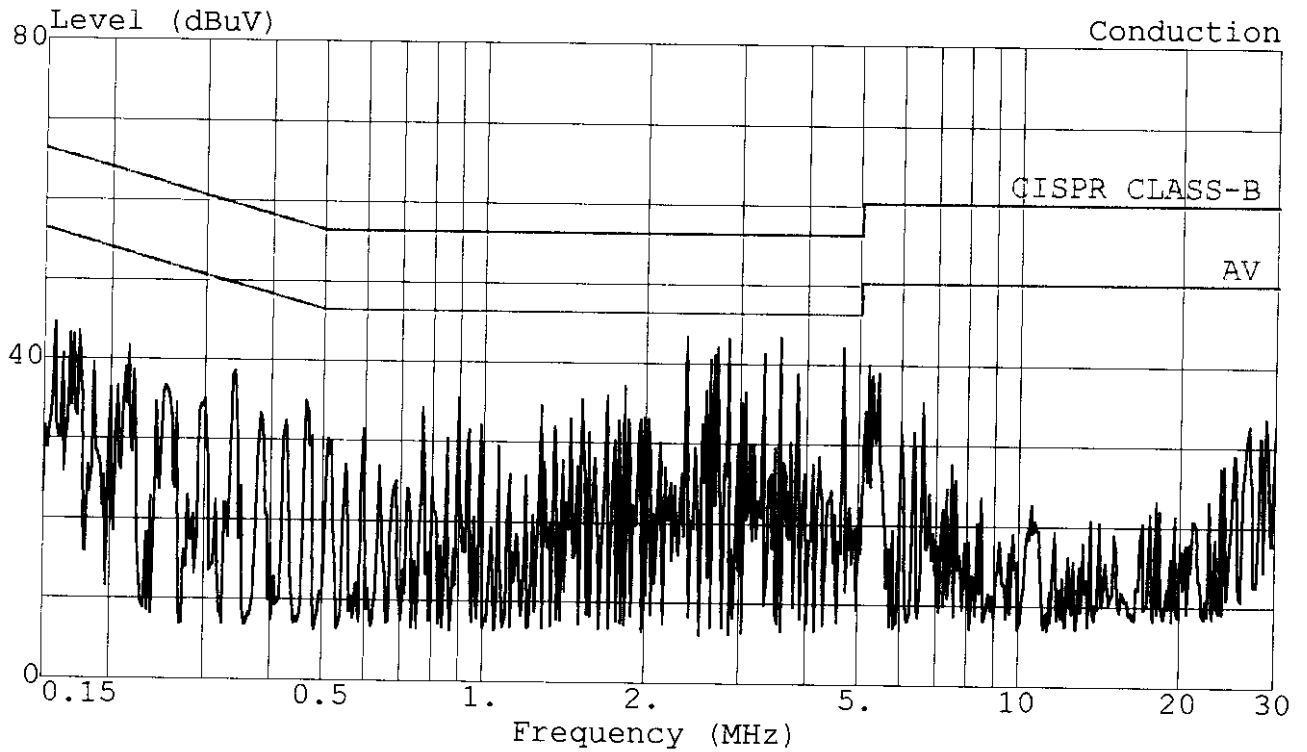
TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 525 File#: TOP-VICT.EMI

Date: 1999-06-01 Time: 16:14:27



Trace:

Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE

Ref Trace:

EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+

Power: 120Vac/60Hz

Memo : 640*480/85Hz;42.6KHz

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
 #53-11 Tingfu Tsun, Linkou,
 Taipei, Taiwan R.O.C.
 Tel:02-26092133 Fax:02-26099303

Data#: 526 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 16:16:39
 Conduction

Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
 Power: 120Vac/60Hz
 Memo : 640*480/85Hz;42.6KHz

Page: 1

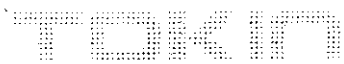
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.170	41.46	-23.48	64.94	41.20	0.23	0.03	0.00	QP
2	0.341	37.28	-21.90	59.18	37.09	0.15	0.04	0.00	QP
3	0.894	34.13	-21.87	56.00	33.98	0.10	0.05	0.00	QP
4	2.385	38.91	-17.09	56.00	38.76	0.10	0.05	0.00	QP
5	6.607	32.98	-27.02	60.00	32.82	0.11	0.05	0.00	QP
6	26.845	32.37	-27.63	60.00	31.70	0.47	0.20	0.00	QP

Data#: 527 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 16:17:16
 Conduction

Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
 Power: 120Vac/60Hz
 Memo : 640*480/85Hz;42.6KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.170	37.76	-17.18	54.94	37.50	0.23	0.03	0.00	Average
2	0.341	37.09	-12.09	49.18	36.90	0.15	0.04	0.00	Average
3	0.894	26.58	-19.42	46.00	26.43	0.10	0.05	0.00	Average
4	2.385	28.06	-17.94	46.00	27.91	0.10	0.05	0.00	Average
5	6.607	26.23	-23.77	50.00	26.07	0.11	0.05	0.00	Average
6	26.845	31.13	-18.87	50.00	30.46	0.47	0.20	0.00	Average

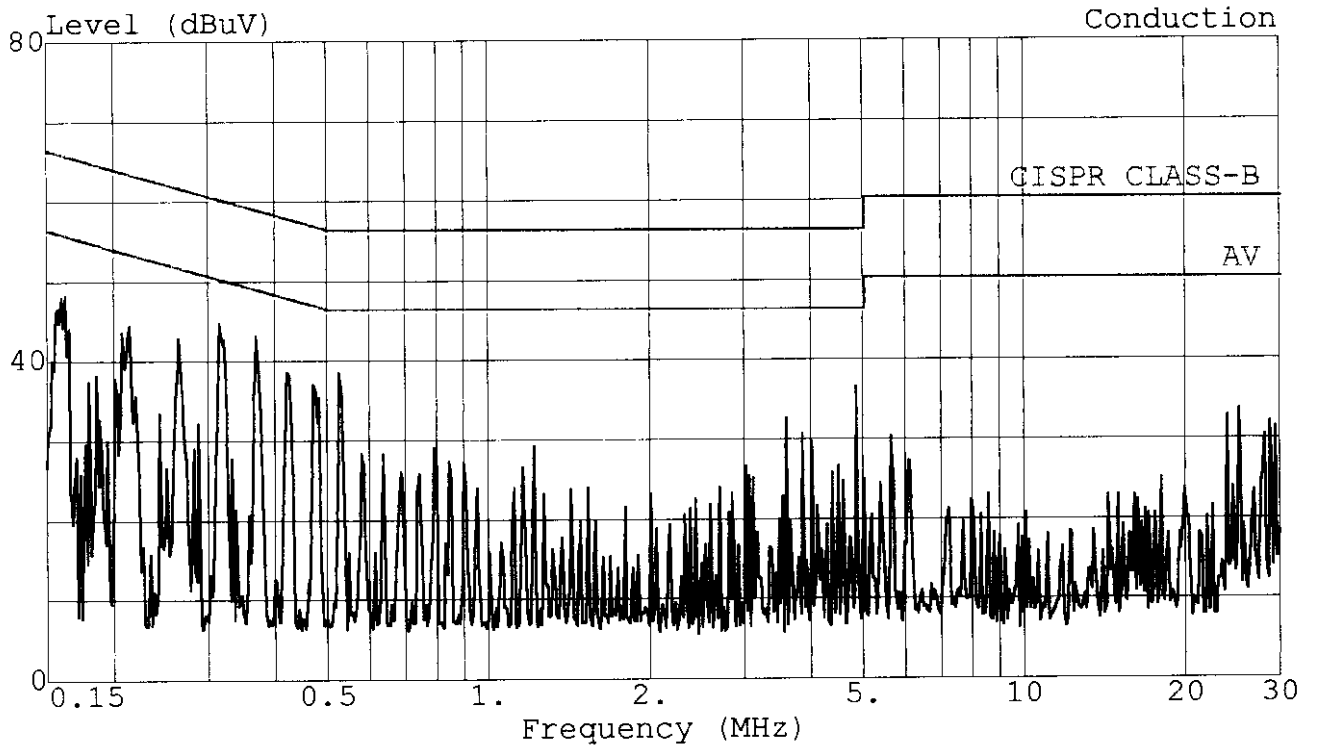


Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 510 File#: TOP-VICT.EMI

Date: 1999-06-01 Time: 15:37:01



Trace: Ref Trace:
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
Power: 120Vac/60Hz
Memo : 800*600/85Hz;54KHz

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 511 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:40:28
Conduction
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 800*600/85Hz;54KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.157	46.72	-18.88	65.60	46.42	0.27	0.03	0.00	QP
2	0.372	40.99	-17.46	58.45	40.80	0.15	0.04	0.00	QP
3	1.220	27.22	-28.78	56.00	27.07	0.10	0.05	0.00	QP
4	3.607	29.67	-26.33	56.00	29.52	0.10	0.05	0.00	QP
5	10.074	18.63	-41.37	60.00	18.43	0.15	0.05	0.00	QP
6	24.016	31.30	-28.70	60.00	30.69	0.41	0.20	0.00	QP

Data#: 511 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:41:06
Conduction
Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 800*600/85Hz;54KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.157	42.69	-12.91	55.60	42.39	0.27	0.03	0.00	Average
2 !	0.372	39.69	-8.76	48.45	39.50	0.15	0.04	0.00	Average
3	1.220	23.95	-22.05	46.00	23.80	0.10	0.05	0.00	Average
4	3.607	22.52	-23.48	46.00	22.37	0.10	0.05	0.00	Average
5	10.074	13.51	-36.49	50.00	13.31	0.15	0.05	0.00	Average
6	24.016	26.24	-23.76	50.00	25.63	0.41	0.20	0.00	Average

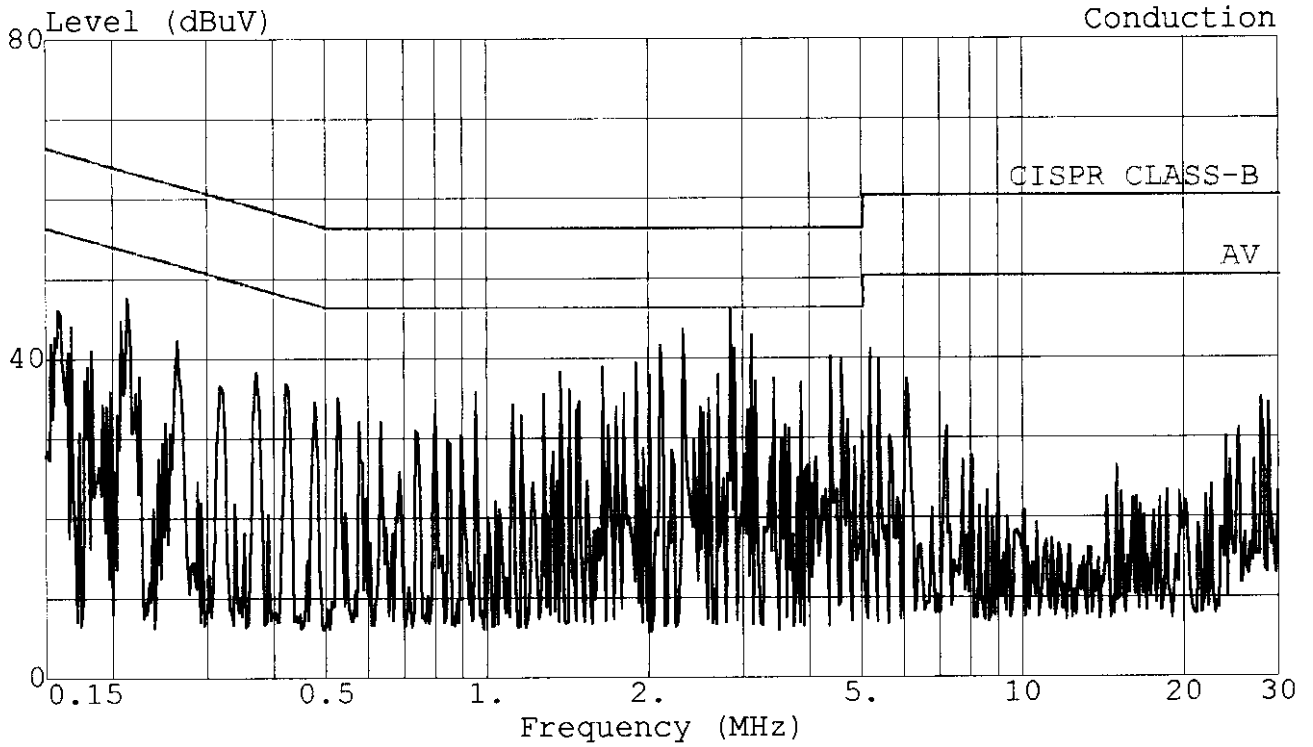


Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

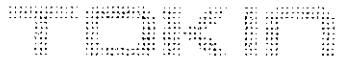
TAIWAN TOKIN EMC ENG. CORP.

Data#: 513 File#: TOP-VICT.EMI

Date: 1999-06-01 Time: 15:42:10



Trace: Ref Trace:
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 800*600/85Hz;54KHz



Test Site:
 #53-11 Tingfu Tsun, Linkou,
 Taipei, Taiwan R.O.C.
 Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 514 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:45:49

Conduction

Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE

EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+

Power: 120Vac/60Hz

Memo : 800*600/85Hz;54KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.213	46.49	-16.60	63.09	46.27	0.18	0.04	0.00	QP
2	0.476	37.53	-18.88	56.41	37.38	0.11	0.04	0.00	QP
3	1.379	34.23	-21.77	56.00	34.08	0.10	0.05	0.00	QP
4	2.865	41.40	-14.60	56.00	41.25	0.10	0.05	0.00	QP
5	6.100	36.35	-23.65	60.00	36.20	0.10	0.05	0.00	QP
6	15.004	24.28	-35.72	60.00	23.98	0.20	0.10	0.00	QP

Data#: 514 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:46:25

Conduction

Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 LINE

EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+

Power: 120Vac/60Hz

Memo : 800*600/85Hz;54KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.213	40.57	-12.52	53.09	40.35	0.18	0.04	0.00	Average
2	0.476	32.92	-13.49	46.41	32.77	0.11	0.04	0.00	Average
3	1.379	24.22	-21.78	46.00	24.07	0.10	0.05	0.00	Average
4	2.865	27.83	-18.17	46.00	27.68	0.10	0.05	0.00	Average
5	6.100	28.65	-21.35	50.00	28.50	0.10	0.05	0.00	Average
6	15.004	19.69	-30.31	50.00	19.39	0.20	0.10	0.00	Average

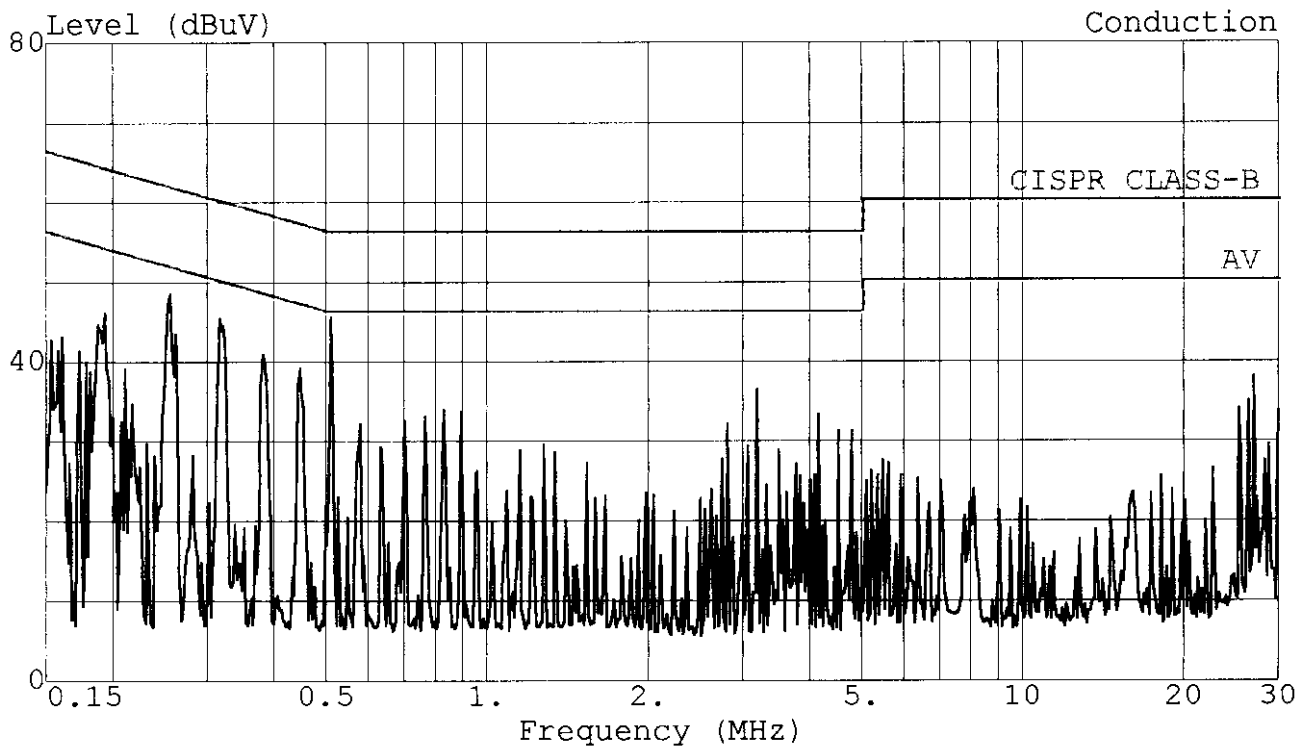
TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 507 File#: TOP-VICT.EMI

Date: 1999-06-01 Time: 15:28:00



Trace: Ref Trace:
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 1280*1024/60Hz;64KHz

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 508 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:31:00
Conduction
Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 1280*1024/60Hz;64KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.193	45.22	-18.68	63.91	44.99	0.20	0.03	0.00	QP
2	0.511	41.97	-14.03	56.00	41.83	0.10	0.04	0.00	QP
3	1.280	29.10	-26.90	56.00	28.95	0.10	0.05	0.00	QP
4	3.200	29.28	-26.72	56.00	29.13	0.10	0.05	0.00	QP
5	9.914	21.03	-38.97	60.00	20.83	0.15	0.05	0.00	QP
6	26.994	39.60	-20.40	60.00	38.93	0.47	0.20	0.00	QP

Data#: 508 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:31:38
Conduction
Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 NEUTRAL
EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
Power: 120Vac/60Hz
Memo : 1280*1024/60Hz;64KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.193	42.65	-11.25	53.91	42.42	0.20	0.03	0.00	Average
2 !	0.511	37.54	-8.46	46.00	37.40	0.10	0.04	0.00	Average
3	1.280	28.06	-17.94	46.00	27.91	0.10	0.05	0.00	Average
4	3.200	26.35	-19.65	46.00	26.20	0.10	0.05	0.00	Average
5	9.914	17.59	-32.41	50.00	17.39	0.15	0.05	0.00	Average
6	26.994	35.34	-14.66	50.00	34.67	0.47	0.20	0.00	Average



Test Site:
 #53-11 Tingfu Tsun, Linkou,
 Taipei, Taiwan R.O.C.
 Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 505 File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:25:46
 Conduction
 Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
 Power: 120Vac/60Hz
 Memo : 1280*1024/60Hz;64KHz

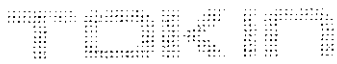
Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.188	41.70	-22.43	64.12	41.46	0.20	0.03	0.00	QP
2	0.384	42.92	-15.28	58.20	42.73	0.15	0.04	0.00	QP
3	0.894	35.72	-20.28	56.00	35.57	0.10	0.05	0.00	QP
4	2.367	38.38	-17.62	56.00	38.23	0.10	0.05	0.00	QP
5	7.998	29.27	-30.73	60.00	29.10	0.12	0.05	0.00	QP
6	25.331	33.31	-26.69	60.00	32.66	0.45	0.20	0.00	QP

Data#: File#: TOP-VICT.EMI Date: 1999-06-01 Time: 15:26:52
 Conduction
 Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
 Power: 120Vac/60Hz
 Memo : 1280*1024/60Hz;64KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.188	38.09	-16.04	54.12	37.85	0.20	0.03	0.00	Average
2 !	0.384	42.32	-5.88	48.20	42.13	0.15	0.04	0.00	Average
3	0.894	30.61	-15.39	46.00	30.46	0.10	0.05	0.00	Average
4	2.367	27.68	-18.32	46.00	27.53	0.10	0.05	0.00	Average
5	7.998	23.91	-26.09	50.00	23.74	0.12	0.05	0.00	Average
6	25.331	29.01	-20.99	50.00	28.36	0.45	0.20	0.00	Average

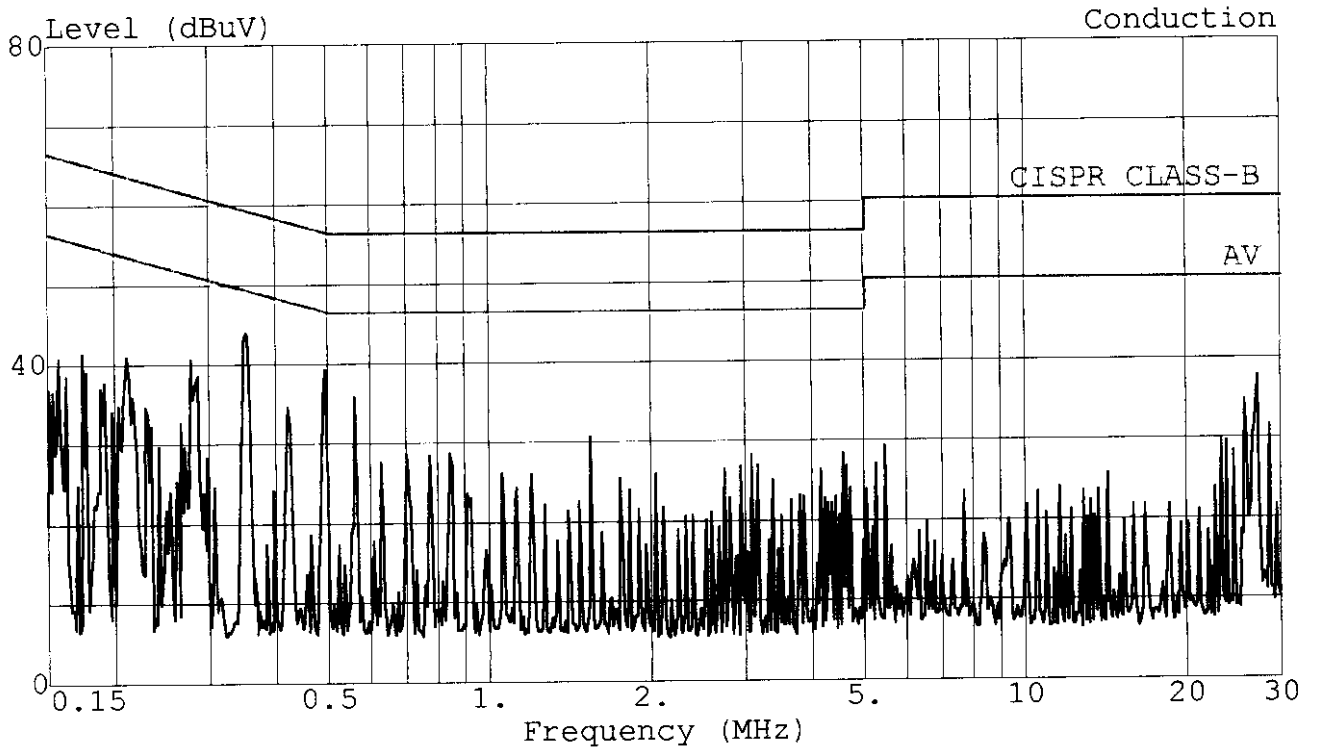


TAIWAN TOKIN EMC ENG. CORP.

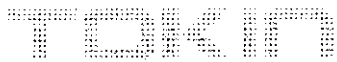
Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 498 File#: TOP-VICT.EMI

Date: 1999-05-31 Time: 14:22:48



Trace: Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL Ref Trace:
EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
Power: 120Vac/60Hz
Memo : 1024*768/85Hz;69KHz



Test Site:
 #53-11 Tingfu Tsun, Linkou,
 Taipei, Taiwan R.O.C.
 Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 499 File#: TOP-VICT.EMI Date: 1999-05-31 Time: 14:25:55
 Conduction
 Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 NEUTRAL
 EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
 Power: 120Vac/60Hz
 Memo : 1024*768/85Hz;69KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.174	33.67	-31.10	64.76	33.41	0.22	0.03	0.00	QP
2	0.352	43.82	-15.10	58.92	43.63	0.15	0.04	0.00	QP
3	1.551	26.11	-29.89	56.00	25.96	0.10	0.05	0.00	QP
4	4.582	27.60	-28.40	56.00	27.45	0.10	0.05	0.00	QP
5	14.308	26.30	-33.70	60.00	26.01	0.19	0.09	0.00	QP
6	27.276	37.87	-22.13	60.00	37.20	0.47	0.20	0.00	QP

Data#: File#: TOP-VICT.EMI Date: 1999-05-31 Time: 14:26:31
 Conduction
 Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 NEUTRAL
 EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
 Power: 120Vac/60Hz
 Memo : 1024*768/85Hz;69KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.174	11.40	-43.37	54.76	11.14	0.22	0.03	0.00	Average
2 !	0.352	40.96	-7.96	48.92	40.77	0.15	0.04	0.00	Average
3	1.551	22.80	-23.20	46.00	22.65	0.10	0.05	0.00	Average
4	4.582	21.43	-24.57	46.00	21.28	0.10	0.05	0.00	Average
5	14.308	22.30	-27.70	50.00	22.01	0.19	0.09	0.00	Average
6	27.276	34.05	-15.95	50.00	33.38	0.47	0.20	0.00	Average

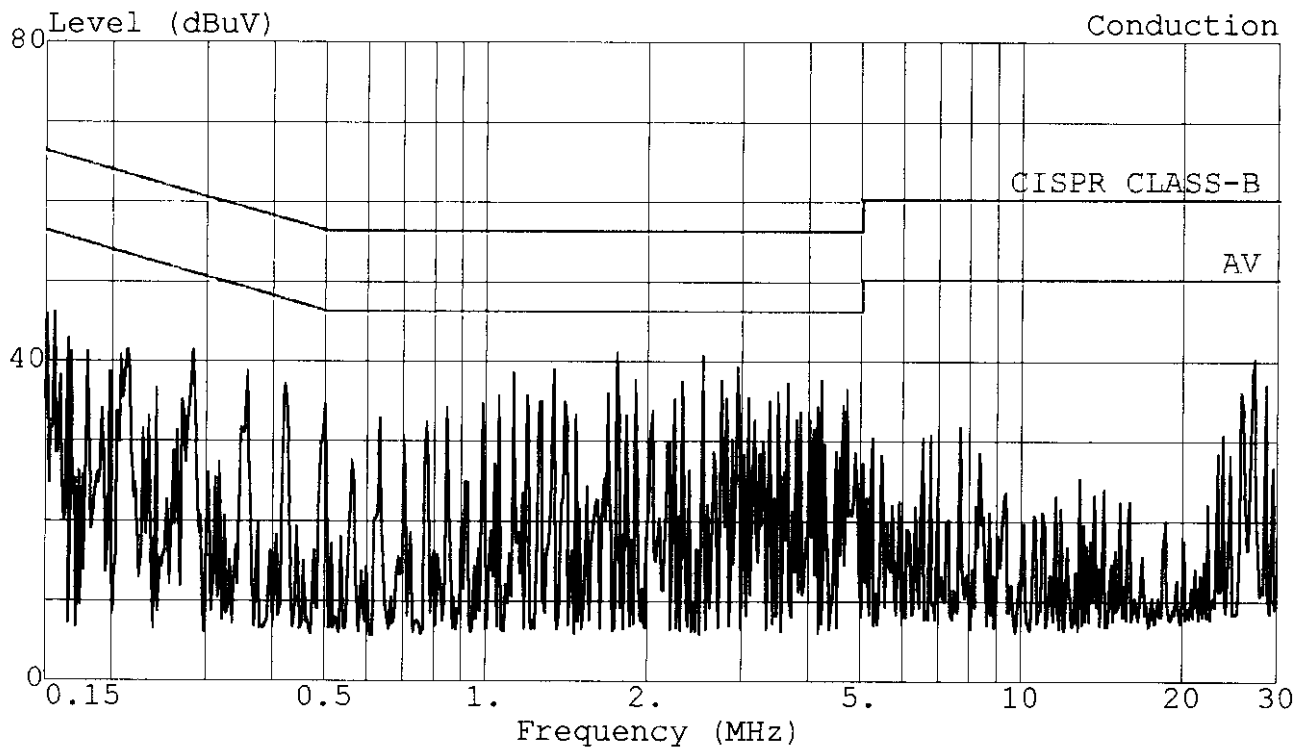
TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 501 File#: TOP-VICT.EMI

Date: 1999-05-31 Time: 14:28:00



Trace: Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE Ref Trace:
EUT : 19" COLOR MONITOR. M/N:9V1r/9V1r+
Power: 120Vac/60Hz
Memo : 1024*768/85Hz;69KHz

TOKIN

Test Site:
 #53-11 Tingfu Tsun, Linkou,
 Taipei, Taiwan R.O.C.
 Tel:02-26092133 Fax:02-26099303

TAIWAN TOKIN EMC ENG. CORP.

Data#: 502 File#: TOP-VICT.EMI Date: 1999-05-31 Time: 14:31:26
 Conduction
 Limit: CISPR CLASS-B Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
 Power: 120Vac/60Hz
 Memo : 1024*768/85Hz;69KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.213	42.21	-20.88	63.09	41.99	0.18	0.04	0.00	QP
2	0.492	34.84	-21.29	56.13	34.70	0.10	0.04	0.00	QP
3	1.128	35.77	-20.23	56.00	35.62	0.10	0.05	0.00	QP
4	2.958	40.55	-15.45	56.00	40.40	0.10	0.05	0.00	QP
5	7.686	29.75	-30.25	60.00	29.58	0.12	0.05	0.00	QP
6	27.139	38.86	-21.14	60.00	38.19	0.47	0.20	0.00	QP

Data#: File#: TOP-VICT.EMI Date: 1999-05-31 Time: 14:32:14
 Conduction
 Limit: CISPR-B (AV) Probe: LISN(FCC)8-1370-10 LINE
 EUT : 19" COLOR MONITOR. M/N:9Vlr/9Vlr+
 Power: 120Vac/60Hz
 Memo : 1024*768/85Hz;69KHz

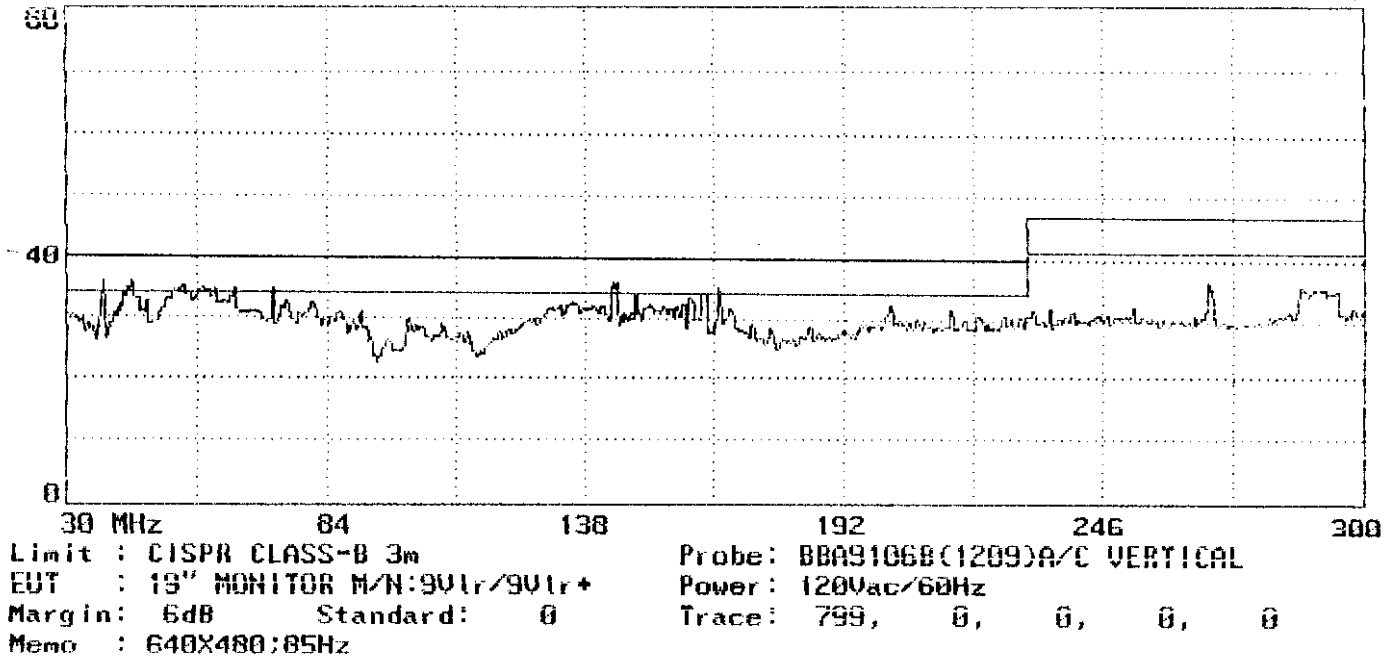
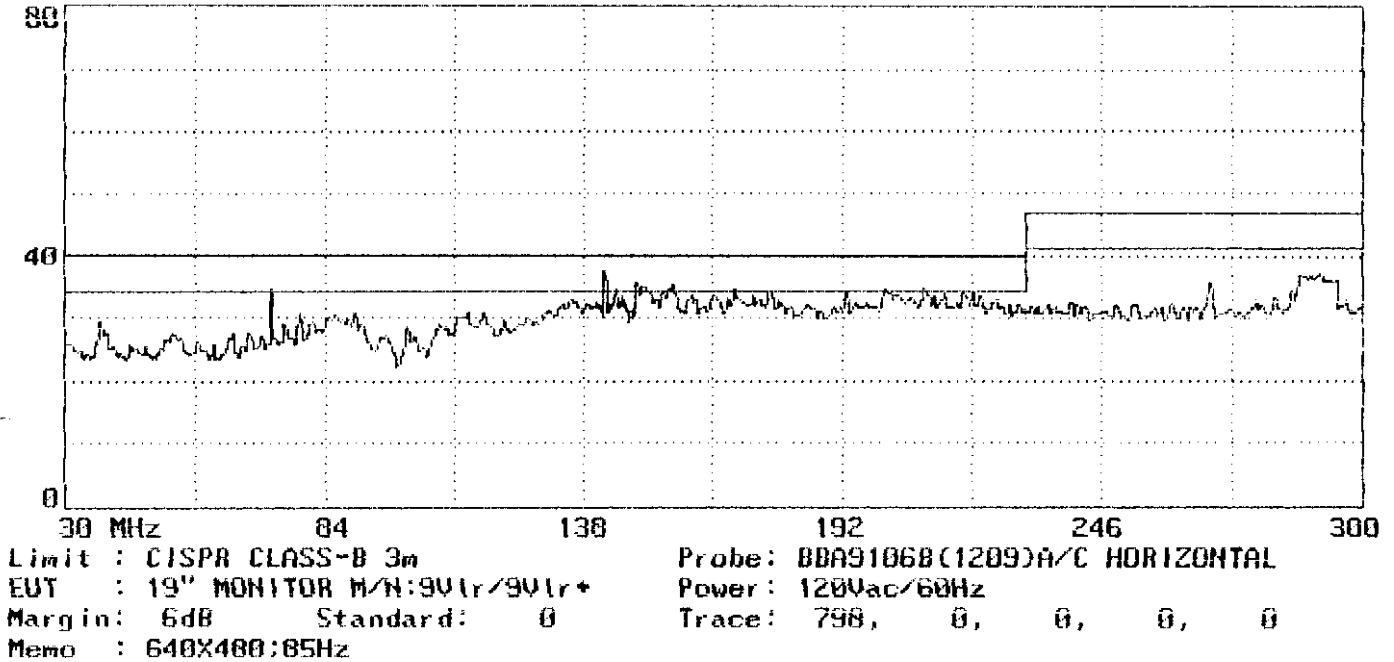
Page: 1

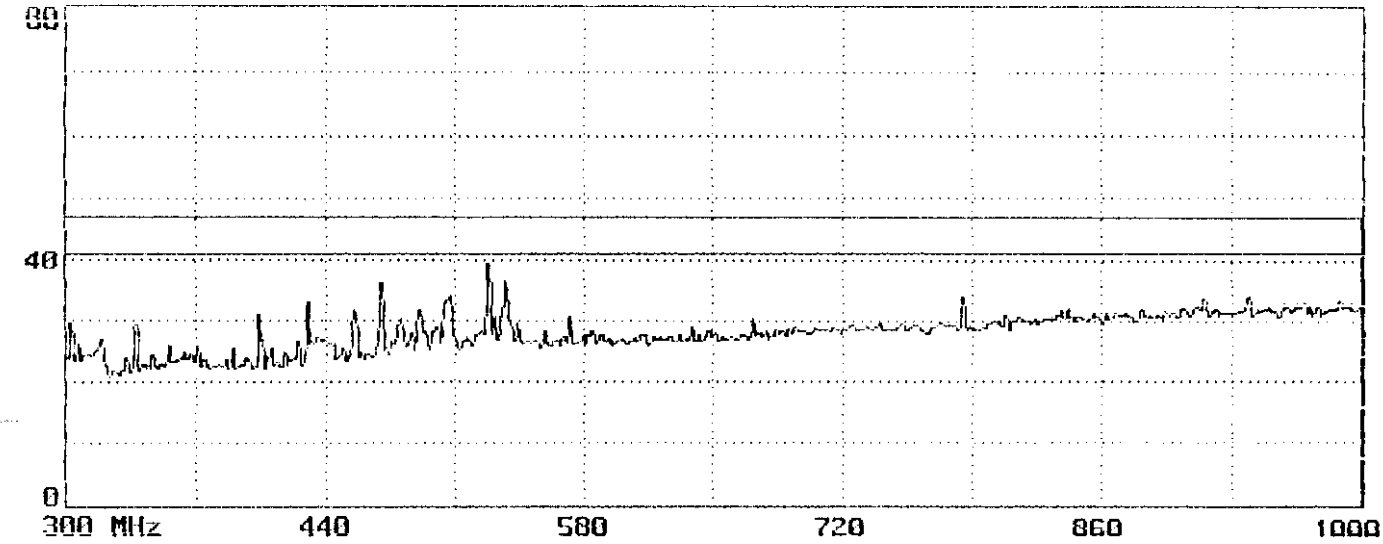
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.213	38.06	-15.03	53.09	37.84	0.18	0.04	0.00	Average
2	0.492	29.97	-16.16	46.13	29.83	0.10	0.04	0.00	Average
3	1.128	26.83	-19.17	46.00	26.68	0.10	0.05	0.00	Average
4	2.958	29.66	-16.34	46.00	29.51	0.10	0.05	0.00	Average
5	7.686	23.59	-26.41	50.00	23.42	0.12	0.05	0.00	Average
6	27.139	35.69	-14.31	50.00	35.02	0.47	0.20	0.00	Average

APPENDIX II

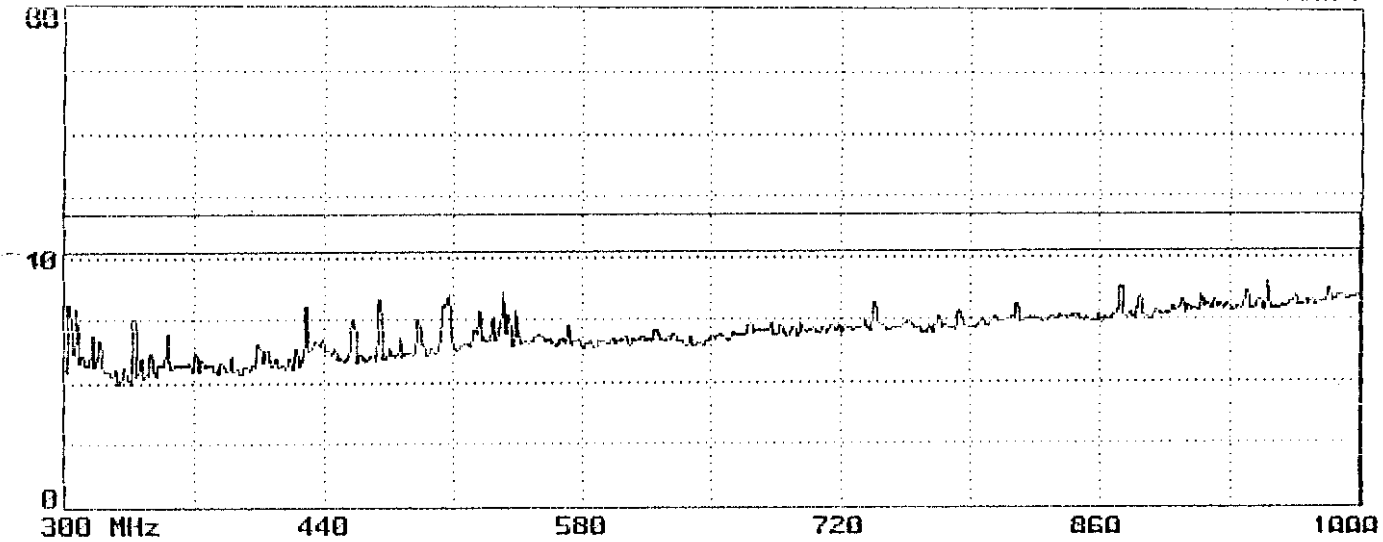
(Radiated Test Data at Anechoic Chamber)

Total Page : 10

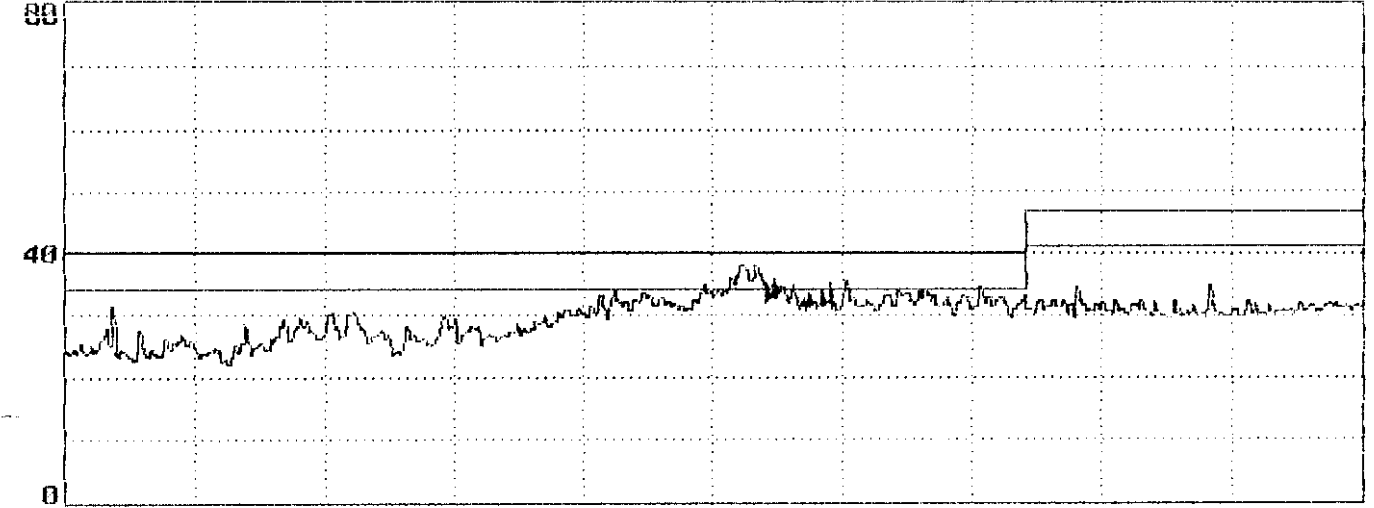




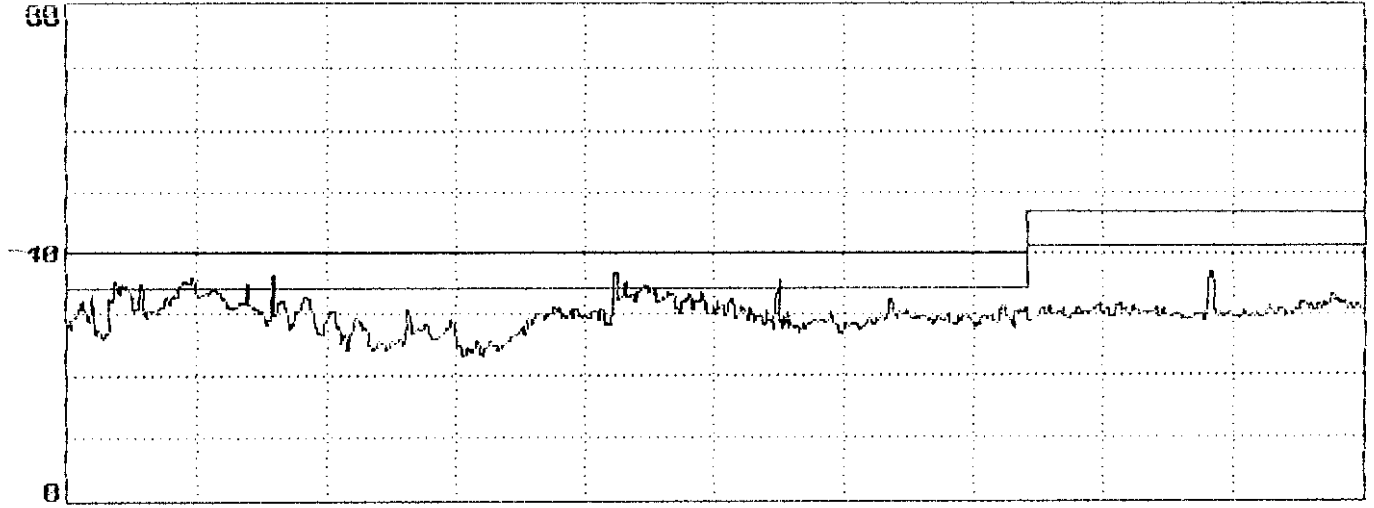
Limit : CISPR CLASS-B 3m Probe: UHALP 9108-A 0139 HORIZONTAL
EUT : 19" MONITOR M/N:901r/901r+ Power : 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 800, 0, 0, 0, 0
Memo : 640X480:85Hz



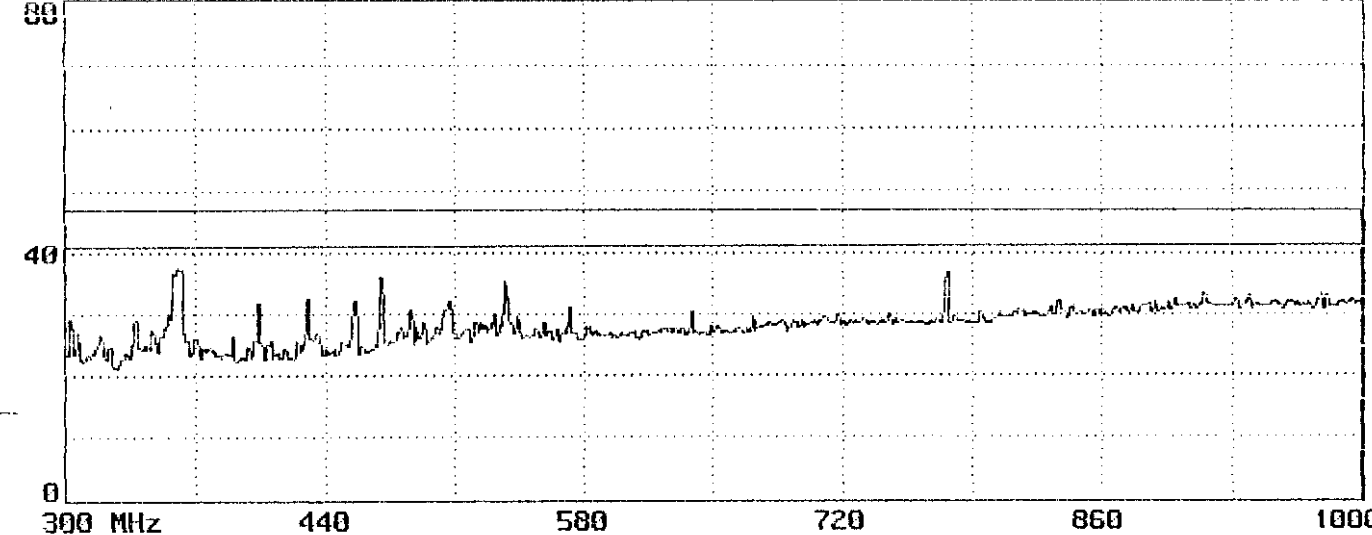
Limit : CISPR CLASS-B 3m Probe: UHALP 9108-A 0139 VERTICAL
EUT : 19" MONITOR M/N:901r/901r+ Power : 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 801, 0, 0, 0, 0
Memo : 640X480:85Hz



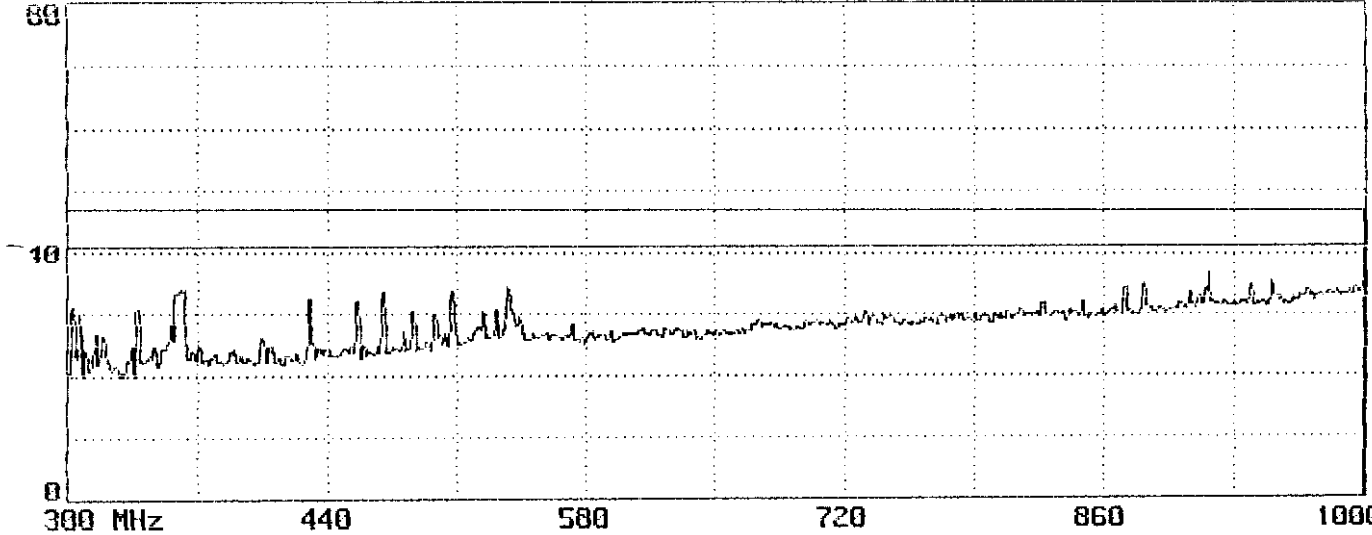
30 MHz 84 138 192 246 300
Limit : CISPR CLASS-B 3m Probe: BBA910GB(1209)A/C HORIZONTAL
EUT : 19" MONITOR M/N:9V1r/9V1r+ Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 796, 0, 0, 0, 0
Memo : 800X600;85Hz



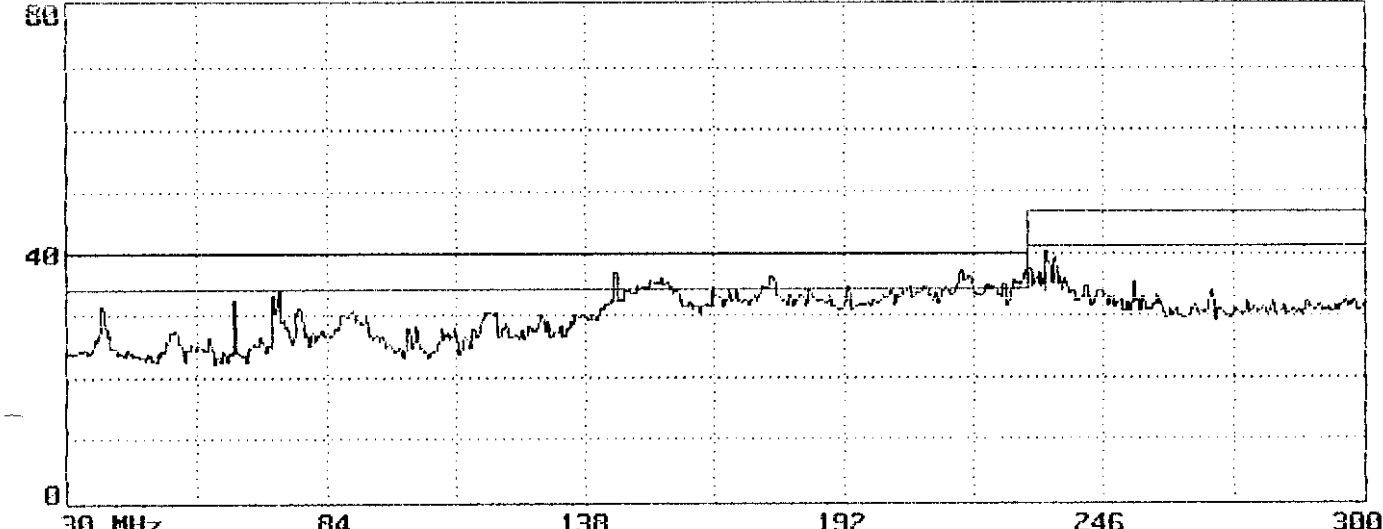
30 MHz 84 138 192 246 300
Limit : CISPR CLASS-B 3m Probe: BBA910GB(1209)A/C VERTICAL
EUT : 19" MONITOR M/N:9V1r/9V1r+ Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 797, 0, 0, 0, 0
Memo : 800X600;85Hz



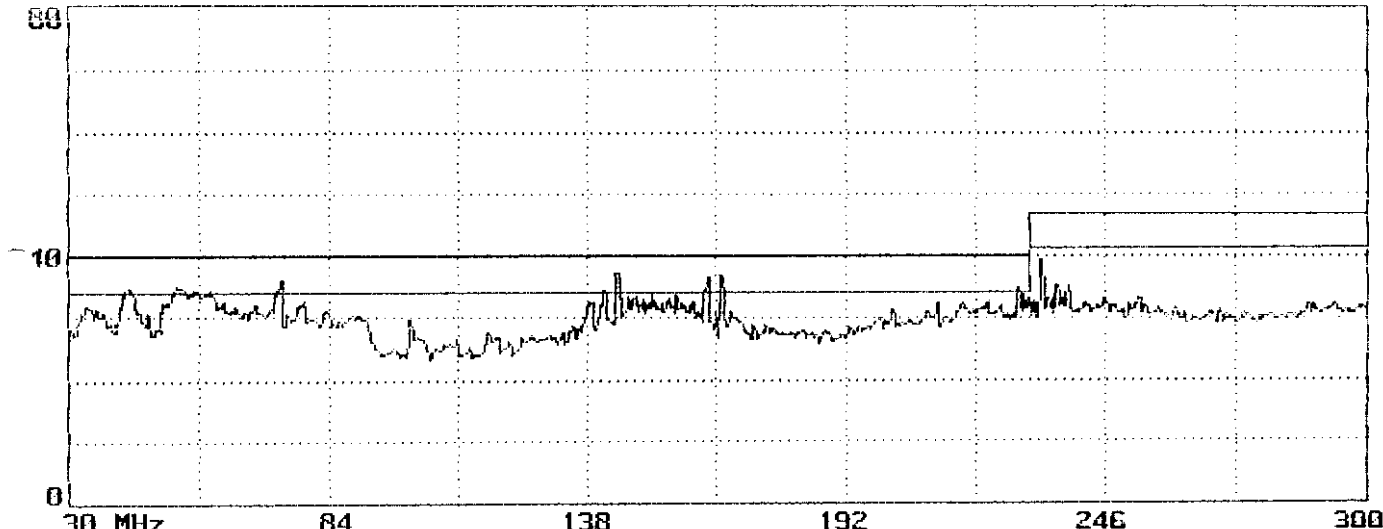
300 MHz 440 580 720 860 1000
Limit : CISPR CLASS-B 3m Probe: UHALP 9108-A 0139 HORIZONTAL
EUT : 19" MONITOR M/N:9V1r/9V1r+ Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 794, 0, 0, 0, 0
Memo : 800X600;85Hz



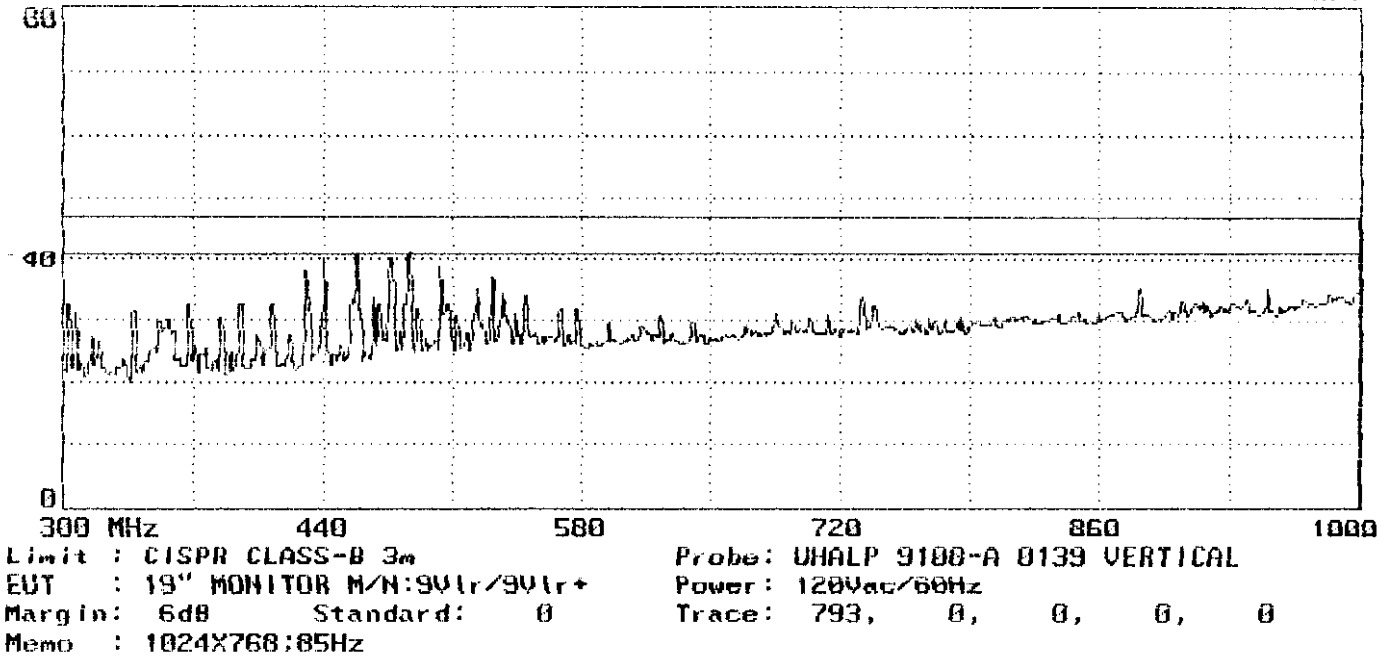
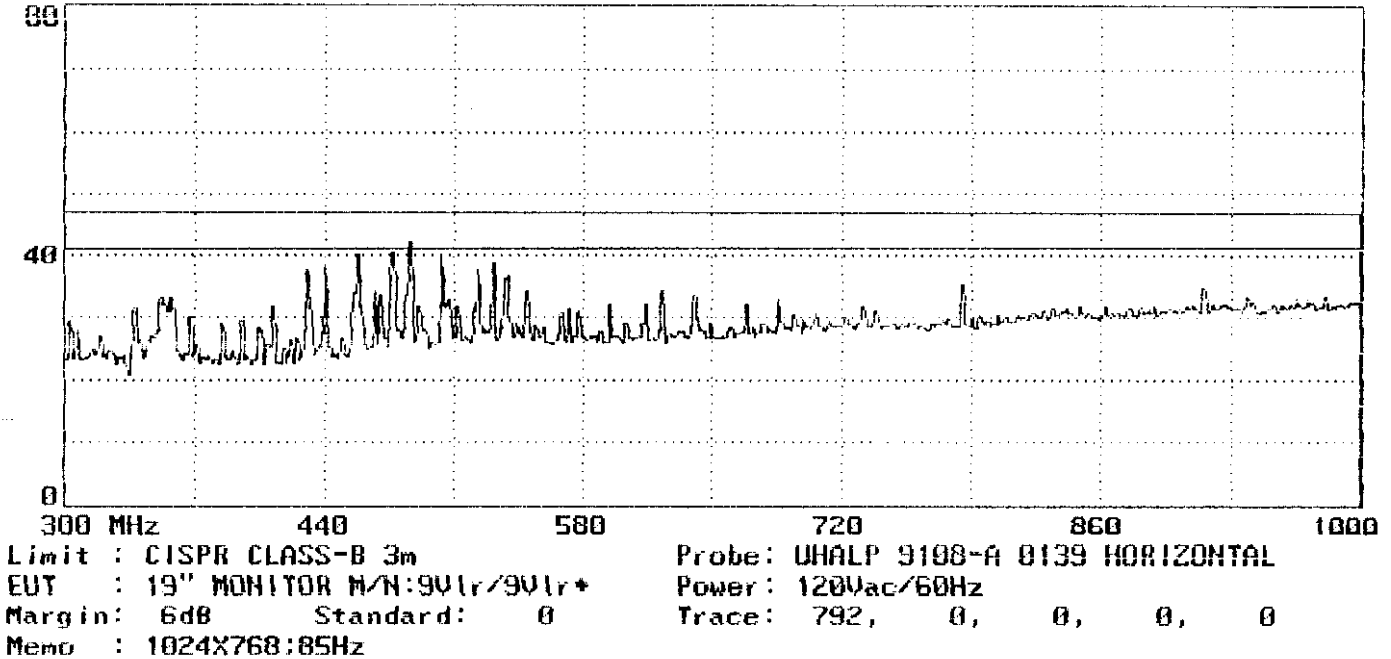
300 MHz 440 580 720 860 1000
Limit : CISPR CLASS-B 3m Probe: UHALP 9108-A 0139 VERTICAL
EUT : 19" MONITOR M/N:9V1r/9V1r+ Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 795, 0, 0, 0, 0
Memo : 800X600;85Hz

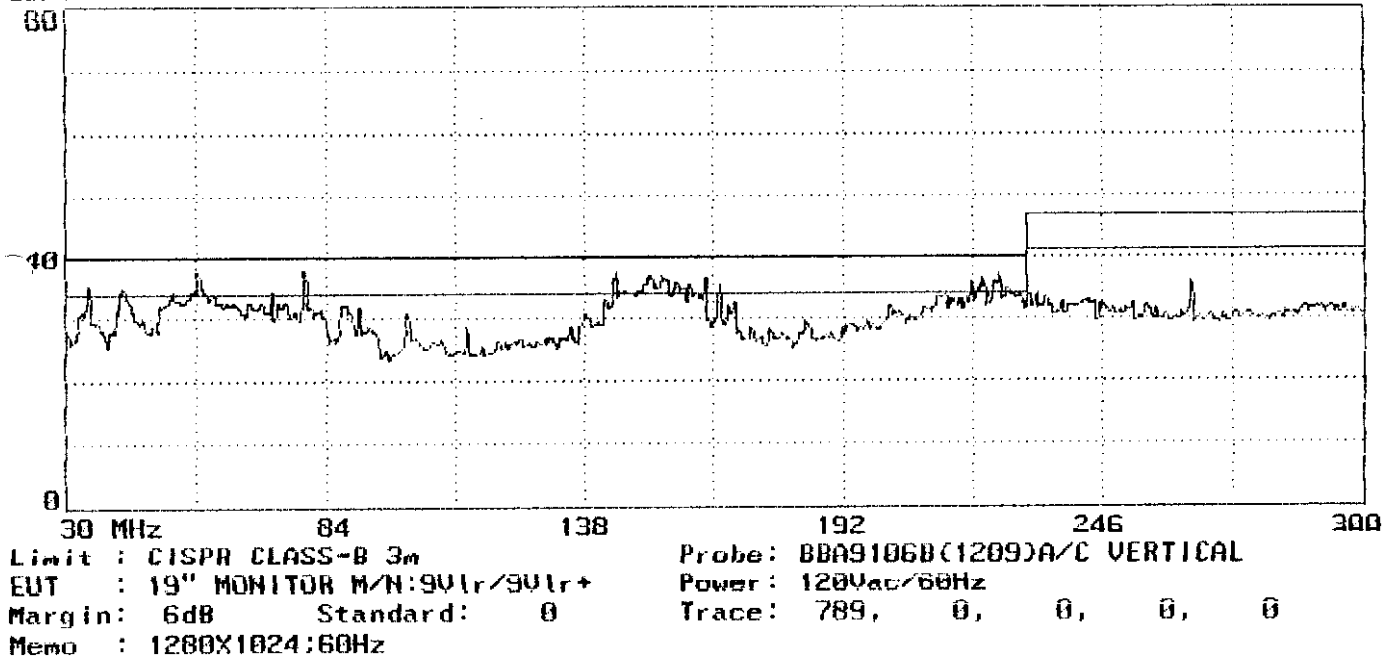
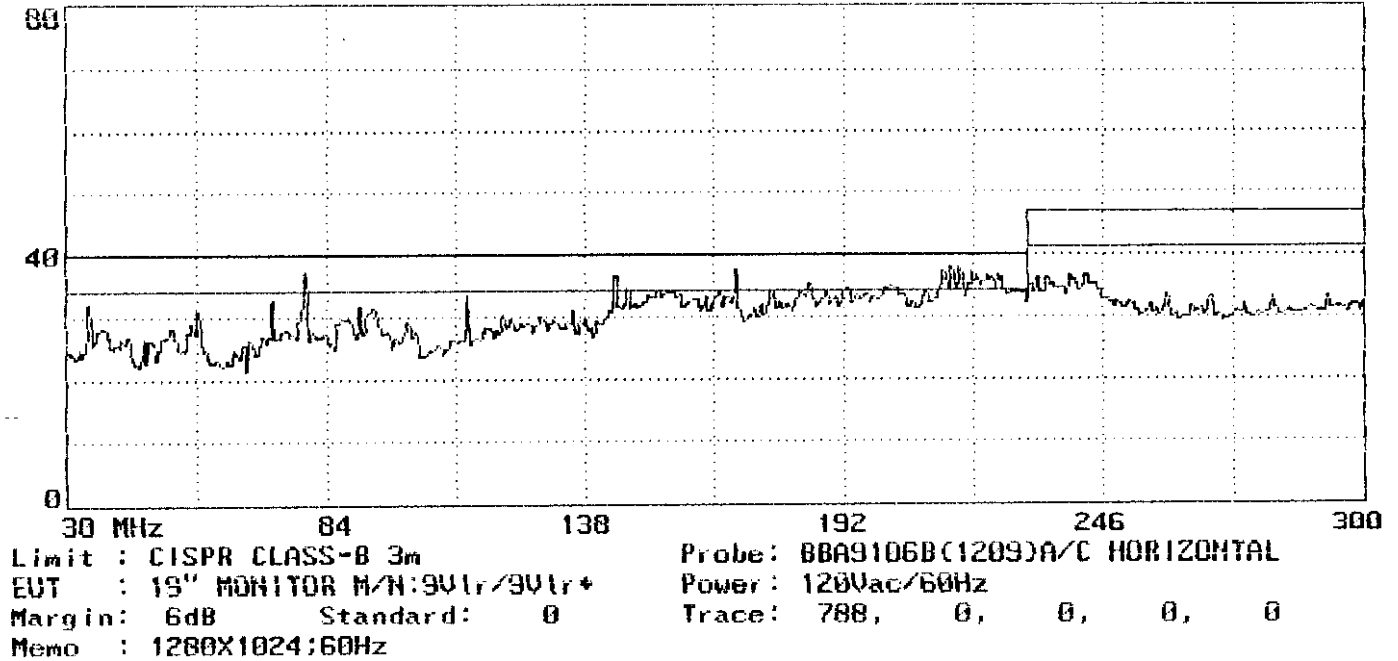


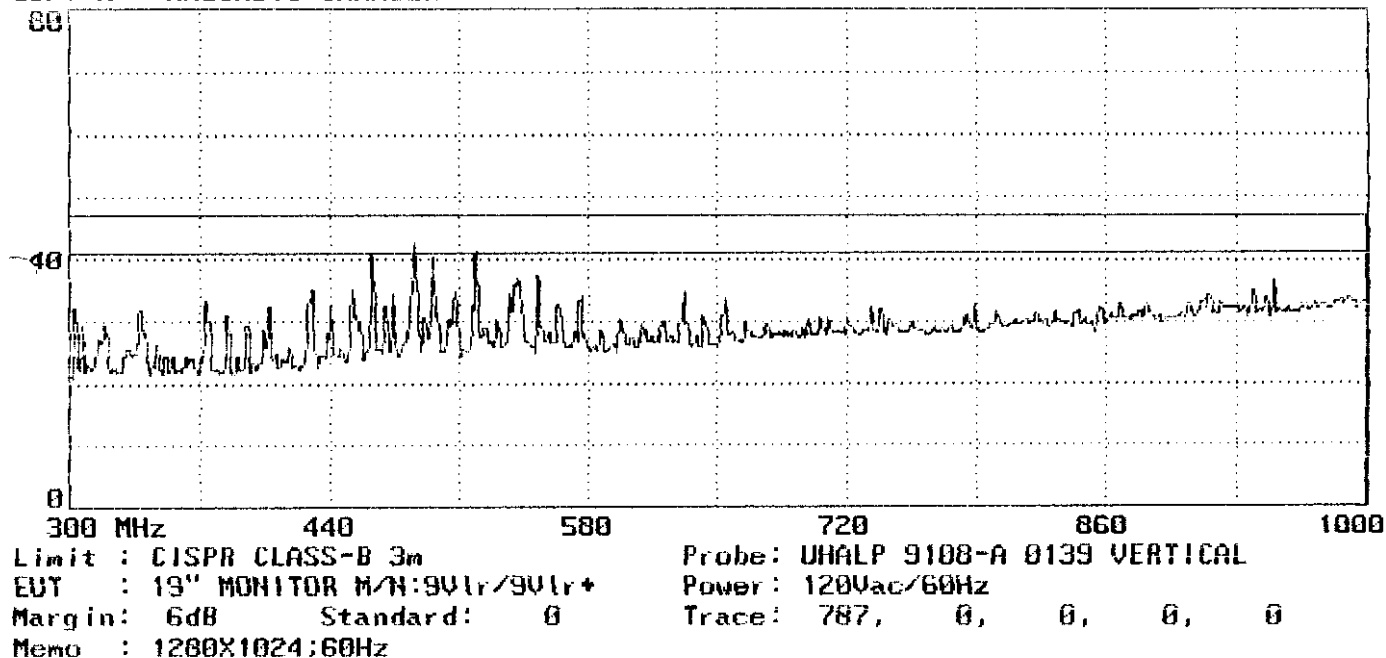
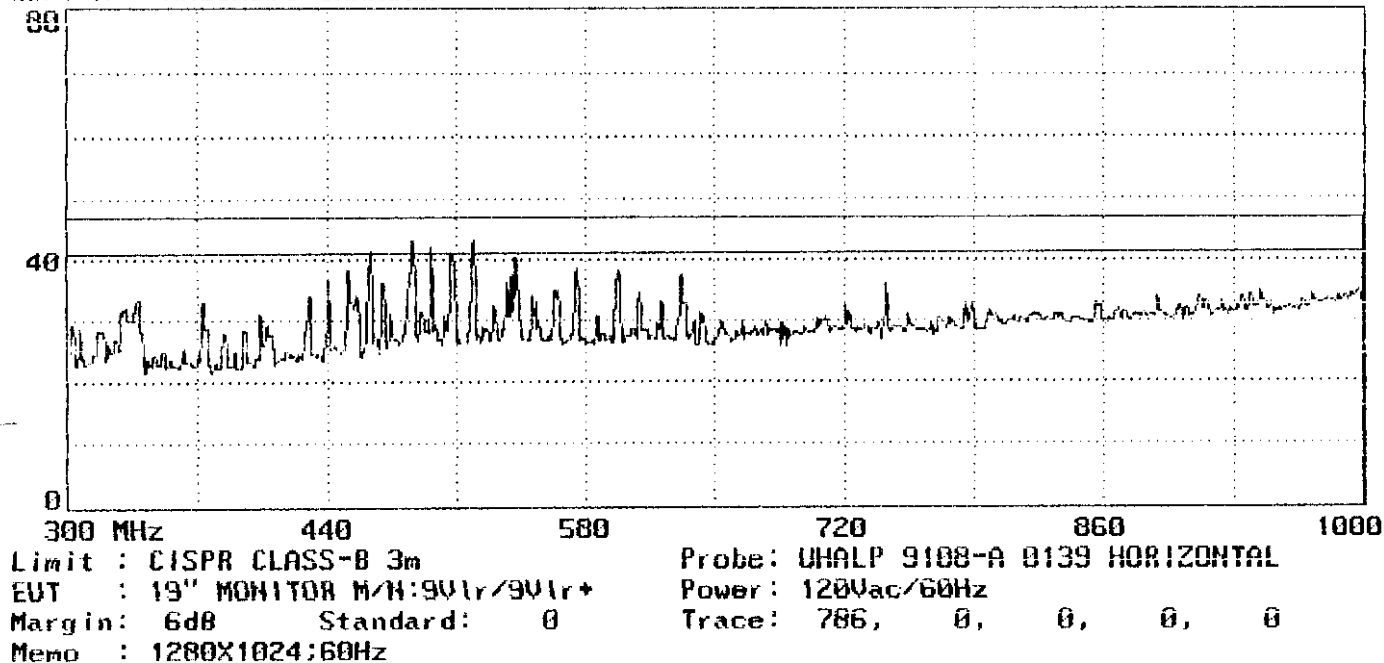
Limit : CISPR CLASS-B 3m Probe: BBA9106B(1209)A/C HORIZONTAL
 EUT : 19" MONITOR M/N:9U1r/9U1r+ Power: 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 790, 0, 0, 0, 0
 Memo : 1024X768;85Hz

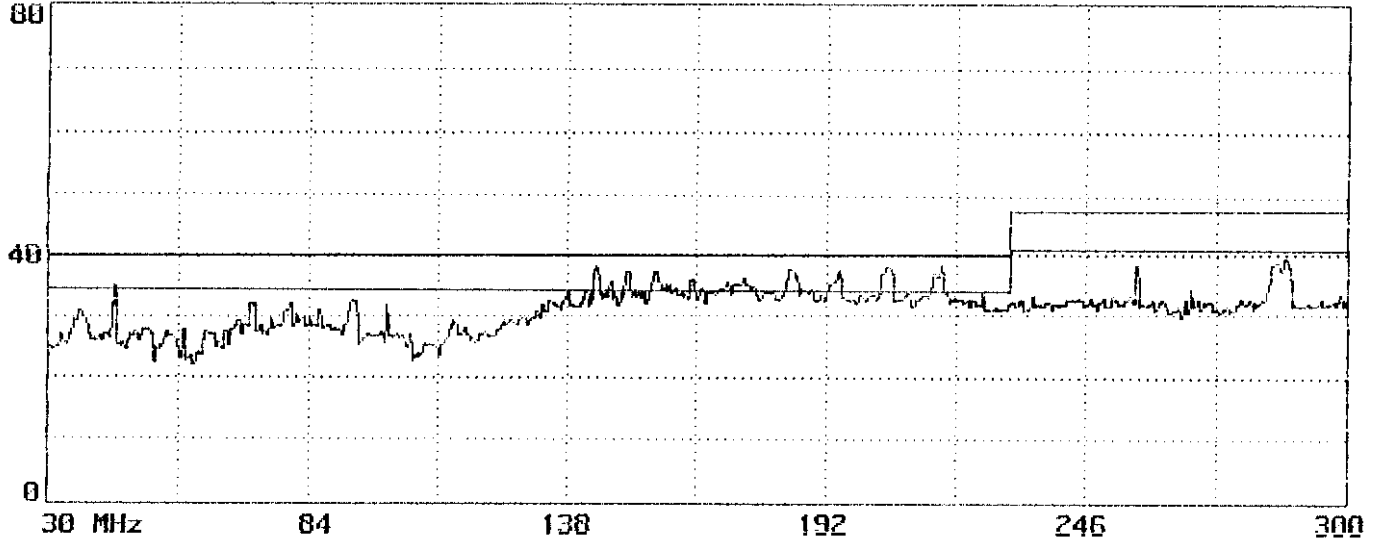


Limit : CISPR CLASS-B 3m Probe: BBA9106B(1209)A/C VERTICAL
 EUT : 19" MONITOR M/N:9U1r/9U1r+ Power: 120Vac/60Hz
 Margin: 6dB Standard: 0 Trace: 791, 0, 0, 0, 0
 Memo : 1024X768;85Hz

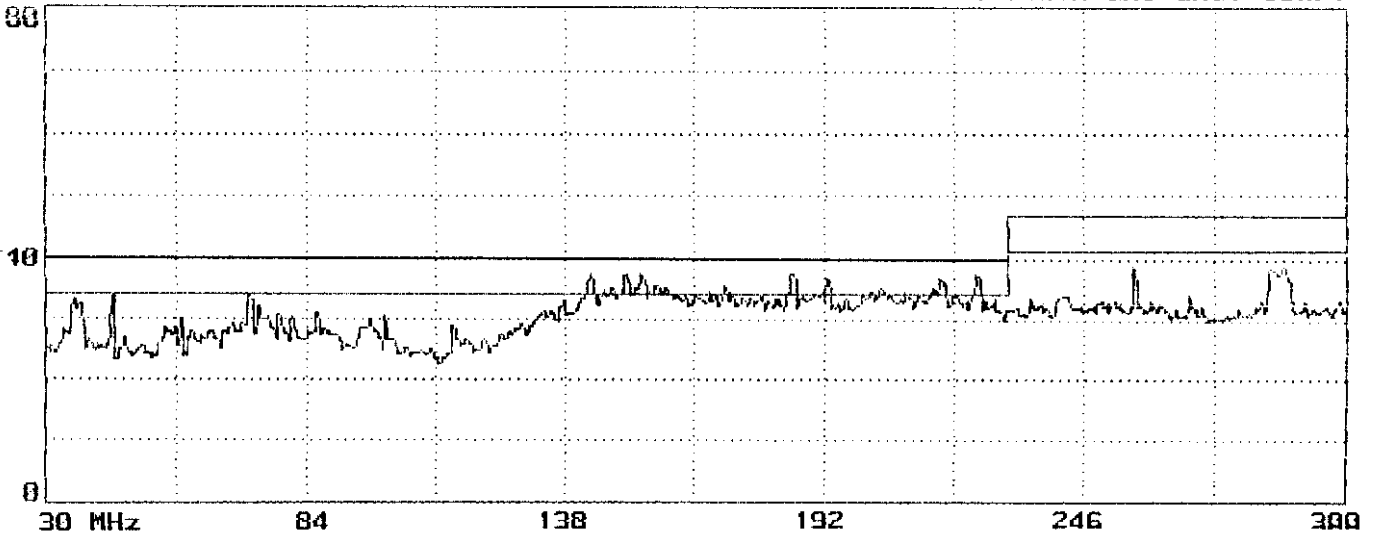








Limit : CISPR CLASS-B 3m Probe: BBA9106D(1209)A/C HORIZONTAL
EUT : 19" MONITOR M/N:9U1r/9U1r+ Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 782, 0, 0, 0, 0
Memo : 1200X960;85Hz



Limit : CISPR CLASS-B 3m Probe: BBA9106B(1209)A/C VERTICAL
EUT : 19" MONITOR M/N:9U1r/9U1r+ Power: 120Vac/60Hz
Margin: 6dB Standard: 0 Trace: 783, 0, 0, 0, 0
Memo : 1200X960;85Hz

