

China Great-Wall Computer ShenZhen Co., Ltd.

Color Monitor

Model Number: 1772E* (* can be A to Z and 0 to 9 and None),
17f** (every * can be None and 0 to 9 and a to z),
MM1720

Prepared for : China Great-Wall Computer ShenZhen Co., Ltd.
Great Wall Computer Industry Park, Baoshi East Rd,
Shiyan Country Baoan, Shenzhen

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
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Report Number : ACS-F03071B
Date of Test : Feb.15~Mar.31, 2005
Date of Report : May 18, 2005

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TEST REPORT DECLARATION

Applicant : China Great-Wall Computer ShenZhen Co., Ltd.
 Manufacturer : China Great-Wall Computer ShenZhen Co., Ltd. Shiyen Branch
 Monitor Division
 EUT Description : Color Monitor
 (A) MODEL NO. : 1772E* (* can be A to Z and 0 to 9 and None),
 17f** (every * can be None and 0 to 9 and a to z),
 MM1720
 (B) SERIAL NO. : F2005051801
 (C) POWER SUPPLY : 120V/60Hz

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B Apr. 2004.

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions.

The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

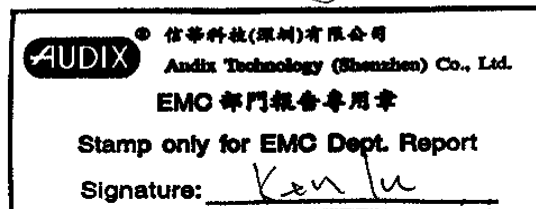
This report must not be used by the applicant to claim product endorsement by NVLAP or any agency of the U.S. Government.

Date of Test : Feb.15~Mar.31, 2005

Prepared by : Susan Liu
 Susan Liu / Assistant

Reviewer : Lake Wang
 Lake Wang / Supervisor

Reviewer :



Approved & Authorized Signer : Ken Lu
 Ken Lu / Assistant Manager

Name of the Representative of the Responsible Party : _____

Signature : _____

1. DESCRIPTION OF VERSION

Edition No.	Date of Rev.	Summary	Report No.
0	Apr. 11, 2003	Original Report.	ACS-F03071 (F0305)
Rev. A	Apr. 01, 2004	1.Class II Change.	ACS-F03071A (F0305A)
Rev. B	Feb.15~Mar.31, 2005	2.Class II Change.	ACS-F03071B (F0305B)

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Description : Color Monitor

Model Number : 1772E* (* can be A to Z and 0 to 9 and None),
17f** (every * can be None and 0 to 9 and a to z)

1772E* (* can be letter A to Z and integer 0 to 9, and when * is D, means flat CRT monitor, when * is not D, means changes not relating safety and EMC, in fact the changes are some difference about front crust, but not relating dimension and some difference about color, and * also can be None, and when * is None means normal CRT monitor.);

17f** (every * can be letter a to z and integer 0 to 9, and means changes not relating safety and EMC, in fact the changes are some difference about front crust, but not relating dimension and some difference about color.);

And 17f** is the same monitor as 1772E*, the difference between them is the type name and 17f** is sold to some special customs.

MM1720

Applicant : China Great-Wall Computer ShenZhen Co., Ltd.
Great Wall Computer Industry Park, Baoshi East Rd, Shiyan
Country Baoan, Shenzhen

Manufacturer : China Great-Wall Computer ShenZhen Co., Ltd.
Great Wall Computer Industry Park, Baoshi East Rd, Shiyan
Country Baoan, Shenzhen

Data Cable : Shielded, Undetachable 1.85m

Power Card : Unshielded, Detachable 1.65m

Date of Test : Feb.15~Mar.31, 2005

2.2. Tested Supporting System Details

2.2.1. PERSONAL COMPUTER

Main Board	:	M/N: TUSL2-C Manufacturer: ASUS
CPU	:	M/N: Pentium III 750 Manufacturer: Intel
Hard Disk	:	M/N: D740X-6L Manufacturer: Maxtor
Floppy Disk	:	M/N: JU-257A605P Manufacturer: Panasonic
S.P.S.	:	M/N: MPA-250 Manufacturer: Priver
VGA Card	:	M/N: CM64A S/N: C10G445335 Manufacturer: Power Color
Sound Card	:	M/N: CT4830 S/N: T4830120151591 Manufacturer: CREATIVE

2.2.2. PRINTER

Model Number	:	2225C+
Serial Number	:	22937S56660
FCC ID	:	DSI6XU225
Manufacturer	:	Hewlett Packard
Power Adapter	:	Hewlett Packard, Model 8241A
Data Cable	:	Shielded, Detachable, 1.5m

2.2.3. Modem#1

M/N	:	MODEM 1414
S/N	:	980013578
FCC ID	:	IFAXDM1414
Manufacturer	:	ACEEX
Power Adapter	:	Datatronics, Model: SCP41-91000A
Data Cable	:	Shielded, Detachable, 1.5m

2.2.4.KEYBOARD (PS/2)

Model Number	:	SK-9921
Serial Number	:	B285874
Manufacturer	:	GATEWAY
Data Cable	:	Shielded, 1.5m

2.2.5.MOUSE (PS/2)

Model Number	:	DL-M305L
FCC ID	:	NZ8DLFAM800
Manufacturer	:	DELUX
Data Cable	:	Shielded, 1.5m

2.3. Test Facility

Site Description

3m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 90454 Aug. 15, 2003
3m & 10m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 794232 Mar. 15, 2004
EMC Lab.	:	Certificated by DATech, German Registration Number: DAT-P-091/99-01 Feb. 02, 2004
		Certificated by NVLAP, USA NVLAP Code: 200372-0 Mar. 31, 2004
		Certificated by Nemko, Norway Aut. No.: ELA135 April. 22, 2004
		Certificated by Industry Canada Registration Number: IC 5183 Jul. 28, 2004
Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd.
Site Location	:	No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China

2.4. Measurement Uncertainty

No.	Item	Uncertainty	Remark
1.	Uncertainty for Conducted Emission Test	1.22dB	
2.	Uncertainty for Radiated Emission Test	3.14dB	3m Chamber
3.	Uncertainty for Radiated Emission Test	3.18dB	10m Chamber
4.	Uncertainty for Power Clamp Test	1.38dB	

3. POWER LINE CONDUCTED EMISSION TEST

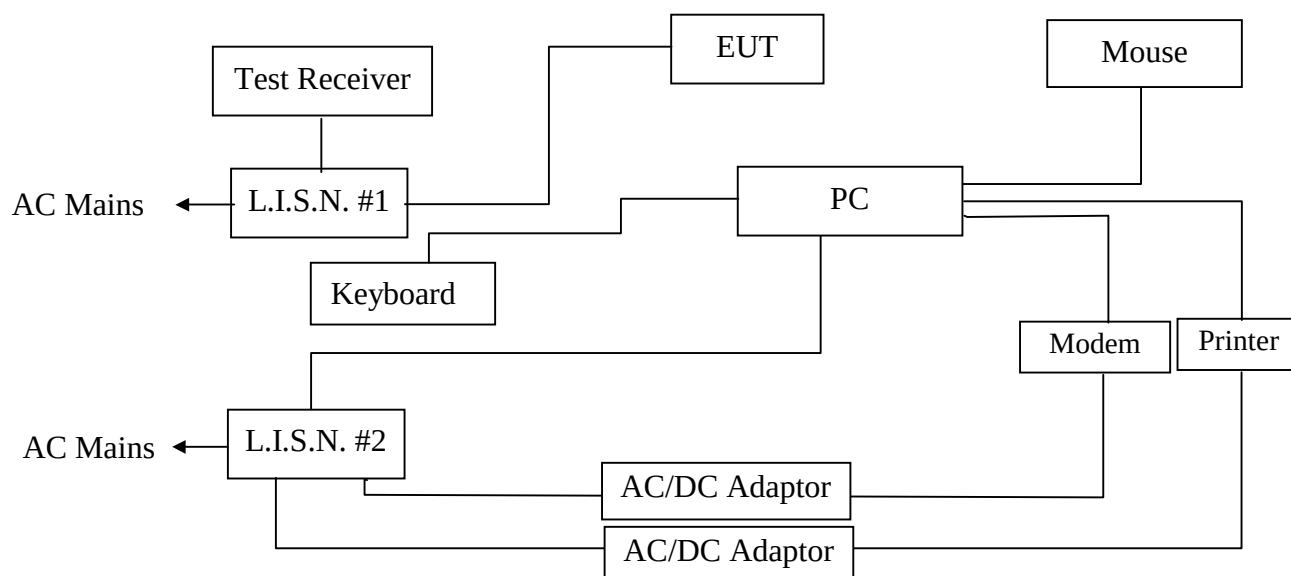
3.1. Test Equipment

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

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Test Receiver	Rohde & Schwarz	ESHS20	836600/006	May 24, 04	1 Year
2	L.I.S.N.#1	Rohde & Schwarz	ENV4200	100041	Aug 02, 04	1 Year
3	L.I.S.N.#2	Kyoritsu	KNW-407	8-1628-5	June 09, 04	1 Year
4	L.I.S.N.#3	Kyoritsu	KNW-407	8-1636-1	June 09, 04	1 Year
5	Terminator	Hubersuhner	50Ω	No. 1	May 24, 04	1 Year
6	Terminator	Hubersuhner	50Ω	No. 2	May 24, 04	1 Year
7	RF Cable	Fujikura	RG-55/U	LISN Cable 2#	Feb. 01, 05	1/2 Year
8	Passive Probe	Rohde & Schwarz	ESH2-Z3	299.7810.52	May 24, 04	1 Year
9	Coaxial Switch	Anritsu	MP59B	6200298346	Feb. 01, 05	1/2 Year
10	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100341	Feb. 01, 05	1/2 Year
11	PC	N/A	586ATX	N/A	N/A	N/A
12	Printer	HP	Laserjet1300	SGC13007093	N/A	N/A

3.2. Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and simulators



(EUT: Color Monitor)

3.3.Power Line Conducted Emission Test Limits

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

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

3.4.Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.4.1.Color Monitor (EUT)

Model Number : 1772E* (* can be A to Z and 0 to 9 and None),
MM1720
Serial Number : F2005051801
Manufacturer : China Great-Wall Computer ShenZhen Co., Ltd.
Shiyan Branch Monitor Division

3.4.2.Support Equipment : As Tested Supporting System Detail, in Section 1.2..

3.5.Operating Condition of EUT

3.5.1.Setup the EUT and simulator as shown as Section 2.2.

3.5.2.Turn on the power of all equipment.

3.5.3.Let the EUT work in test mode (Running “H” 640*480 60Hz/
Running “H” 1024*768 85Hz/Running “H” 1280*1024 60Hz) and test it.

3.6.Test Procedure

The EUT is connected to the power mains through a line impedance stabilization network (L.I.S.N.#1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). This provides a 50 ohm coupling impedance for the EUT. Please refer the block diagram of the test setup and photographs. Power on the EUT and let it work normally, we use a keyboard test soft ware, let EUT working in test mode, then test it. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2001 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS20) is set at 10KHz.

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

The test result are reported on Section 2.7., all the scanning waveforms for Conducted Emission Test are attached in Appendix I.

3.7.Power Line Conducted Emission Test Results

PASS.

The frequency range from 150KHz to 30 MHz is investigated.

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

Date of Test	: Mar.31, 2005	Temperature	: 24.1℃
EUT	: Color Monitor	Humidity	: 53.2%
Model No.	: MM1720	Test Mode	: Running "H" 1024*768 85Hz
Test Engineer	: Seco		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB		Quasi-Peak	Average
	Quasi-Peak	Average	Quasi-Peak	Average		
0.21	46.86	37.62	41.29	36.82	63.40.	53.40
0.27	N/A	N/A	42.53	36.36	60.98	50.98
0.34	44.27	38.74	N/A	N/A	59.13	49.13
0.48	N/A	N/A	38.68	31.53	56.36	46.36
0.55	40.70	37.07	N/A	N/A	56.00	46.00
0.89	39.71	33.45	N/A	N/A	56.00	46.00
1.10	N/A	N/A	33.50	28.76	56.00	46.00
2.88	N/A	N/A	34.16	27.21	56.00	46.00
6.66	39.64	36.66	N/A	N/A	60.00	50.00
12.01	48.28	43.98	47.12	43.12	60.00	50.00

Remark: 1) If the data table appeared symbol of "N/A" means the value was too low to be measured.

2) If the data table appeared symbol of "*" means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer :

lake Wang

Date of Test	: Mar.31, 2005	Temperature	: 24.1°C
EUT	: Color Monitor	Humidity	: 53%
Model No.	: 1772E* (* can be A to Z and 0 to 9 and None) (Samsung)	Test Mode	: Running "H" 640*480 60Hz
Test Engineer	: Seco		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.21	46.82	40.12	46.82	39.42	63.32	53.32
0.34	N/A	N/A	44.27	39.54	59.13	49.13
0.55	40.70	37.87	N/A	N/A	56.00	46.00
0.69	N/A	N/A	39.44	36.63	56.00	46.00
0.89	39.71	35.65	N/A	N/A	56.00	46.00
1.92	N/A	N/A	36.89	31.90	56.00	46.00
2.88	36.18	33.51	N/A	N/A	56.00	46.00
4.80	N/A	N/A	32.55	32.06	56.00	46.00
12.00	47.31	40.58	47.35	40.12	60.00	50.00
25.59	38.02	35.82	N/A	N/A	60.00	50.00

Remark: 1) If the data table appeared symbol of "N/A" means the value was too low to be measured.

2) If the data table appeared symbol of "*" means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer :

Lake Wang

4. RADIATED EMISSION TEST

4.1. Test Equipment

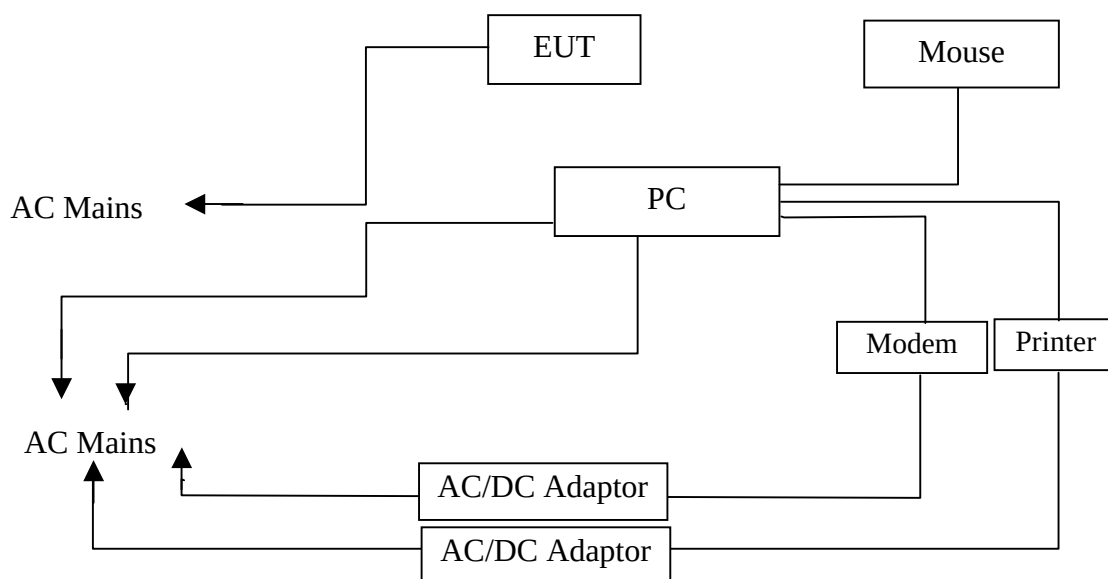
The following test equipments are used during the radiated emission test:

4.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
	EMC Analyzer	Aglient	E7405A	MY42000131	May 23, 04	1 Year
	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May 24, 04	1 Year
	Amplifier	HP	8447D	2944A07804	Mar. 02, 05	1/2 Year
	Bilog Antenna	Schaffner	CBL6111C	2768	Apr.19, 05	1 Year
	PC	ASUS	P4SGX-MX	N/A	N/A	N/A
	Printer	HP	Laserjet1300	N/A	N/A	N/A
	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.1	Feb.09, 05	1/2 Year
	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.2	Feb.09, 05	1/2 Year
	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.3	Feb.09, 05	1/2 Year
	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.4	Feb.09, 05	1/2 Year
	Coaxial Switch	Anritsu	MP59B	M74389	Nov.26, 04	1/2 Year

4.2. Block Diagram of Test Setup

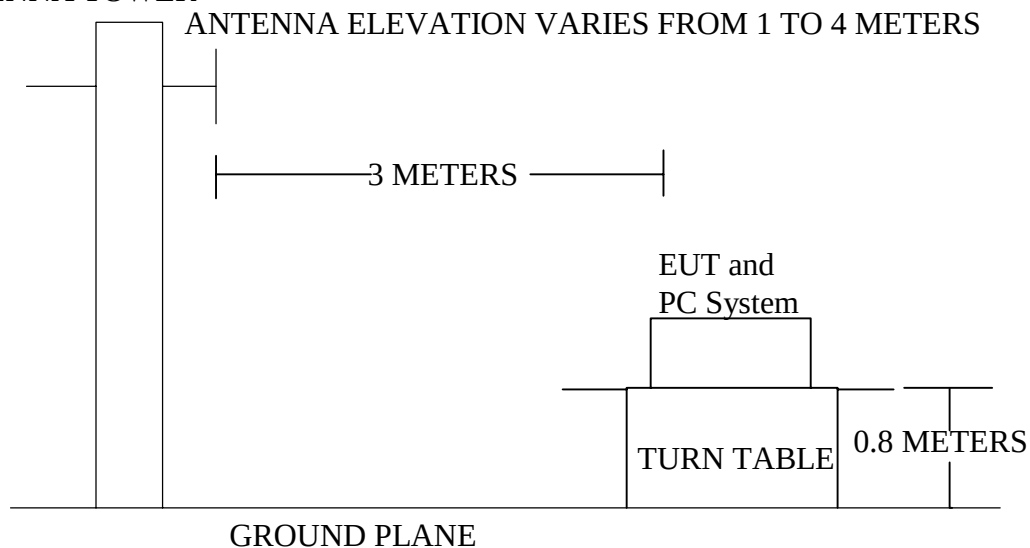
4.2.1. Block diagram of connection between the EUT and simulators



(EUT: Color Monitor)

4.2.2. In Anechoic Chamber

ANTENNA TOWER



4.3. Radiated Emission Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
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 $(\text{dB})\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$
 - (2) The smaller limit shall apply at the cross point between two frequency bands.
 - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.4. EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.4.1. Color Monitor (EUT)

Model Number : 1772E* (* can be A to Z and 0 to 9 and None),
MM1720

Serial Number : F2005051801

Manufacturer : China Great-Wall Computer ShenZhen Co., Ltd.
Shiyan Branch Monitor Division

4.4.2. Support Equipment : As Tested Supporting System Detail, in Section 1.2.

4.5. Operating Condition of EUT

1. Setup the EUT as shown in Section 3.2..
2. Let the EUT work in test mode (Running “H” 640*480 60Hz/
Running “H” 1024*768 85Hz/Running “H” 1280*1024 60Hz) and test it.

4.6. Test Procedure

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it work normally, we use a keyboard test software, let EUT working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120KHz.

The frequency range from 30MHz to 1000MHz is checked.

The test mode (Running “H” 640*480 60Hz/Running “H” 1024*768 85Hz/
Running “H” 1280*1024 60Hz) is tested in Anechoic Chamber, and all the scanning waveforms are attached in Appendix II.

4.7.Radiated Emission Test Result

PASS.

The frequency range from 30MHz to 1000MHz is investigated.

Please see the following pages.

Date of Test :	Feb.15, 2005	Temperature :	24°C
EUT :	Color Monitor	Humidity :	54%
Model No. :	MM1720	Test Mode :	Running "H" 1280*1024 60Hz
Test Engineer:	Seco		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dB	Limits dBμV/m
75.59	7.91	1.21	19.84	28.97	-11.03	40.00
87.23	9.35	1.27	21.12	31.74	-8.26	40.00
128.94	12.06	1.64	19.27	32.96	-10.54	43.50
140.58	11.86	1.84	17.58	31.28	-12.22	43.50
290.93	13.12	2.76	17.17	33.05	-12.95	46.00
356.89	15.65	3.23	15.79	34.68	-11.32	46.00

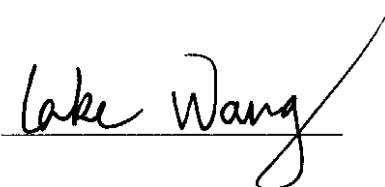
Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 87.23MHz with corrected signal level of 31.4dBμV/m(Limit is 40.00 dBμV/m) when the antenna was at horizontal polarization and at 1.3m high and the turn table was at 189 ° .

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :

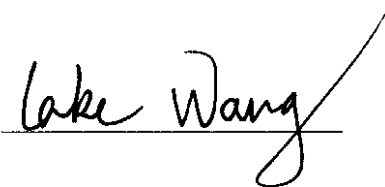


Date of Test :	Feb.15, 2005	Temperature :	24°C
EUT :	Color Monitor	Humidity :	54%
Model No. :	MM1720	Test Mode :	Running "H"
			1280*1024 60Hz
Test Engineer:	Seco		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dB	Limits dBμV/m
31.94	15.02	0.77	19.66	35.44	-4.56	40.00
87.23	9.39	1.27	24.12	34.78	-5.22	40.00
96.93	9.42	1.55	20.20	31.17	-12.33	43.50
128.94	10.40	1.64	17.87	29.91	-13.59	43.50
140.58	10.68	1.84	17.66	30.17	-13.33	43.50
356.89	14.51	3.23	15.89	33.63	-12.37	46.00

- Remark: 1. All readings are Quasi-Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
 3. The worst emission was detected at 31.94MHz with corrected signal level of 35.44dBμV/m(Limit is 40.00 dBμV/m) when the antenna was at vertical polarization and at 2.5m high and the turn table was at 284 ° .
 4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :

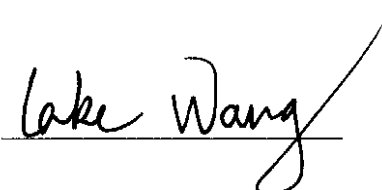


Date of Test :	Feb.15, 2005	Temperature :	24°C
EUT :	Color Monitor	Humidity :	54%
Model No. :	1772E*	Test Mode :	Running "H" 1280*1024 60Hz
Test Engineer:	Seco		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dB	Limits dBμV/m
75.65	7.91	1.21	28.40	37.52	-2.48	40.00
87.23	9.35	1.27	22.27	32.89	-7.11	40.00
129.64	12.14	1.70	27.80	41.64	-1.86	43.50
184.23	9.40	2.19	20.33	31.91	-11.59	43.50
378.23	16.05	3.32	11.23	30.60	-15.40	46.00
541.19	17.91	4.20	8.73	30.84	-15.16	46.00

- Remark: 1. All readings are Quasi-Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
 3. The worst emission was detected at 129.64MHz with corrected signal level of 41.64dBμV/m(Limit is 43.50 dBμV/m) when the antenna was at horizontal polarization and at 1.1m high and the turn table was at 48 ° .
 4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :

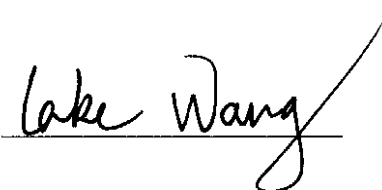


Date of Test :	Feb.15, 2005	Temperature :	24°C
EUT :	Color Monitor	Humidity :	54%
Model No. :	1772E*	Test Mode :	Running "H"
			1280*1024 60Hz
Test Engineer:	Seco		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dB	Limits dBμV/m
75.62	8.14	1.21	28.20	37.55	-2.45	40.00
128.94	10.40	1.64	22.73	34.77	-8.73	43.50
237.58	11.76	2.45	13.02	27.24	-18.76	46.00
378.23	15.42	3.32	10.85	29.59	-16.41	46.00
484.93	17.40	3.46	7.64	28.51	-17.49	46.00
550.89	19.01	4.12	6.09	29.21	-16.79	46.00

- Remark: 1. All readings are Quasi-Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
 3. The worst emission was detected at 75.62MHz with corrected signal level of 37.55dBμV/m(Limit is 40.00 dBμV/m) when the antenna was at vertical polarization and at 2.4m high and the turn table was at 356 ° .
 4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :

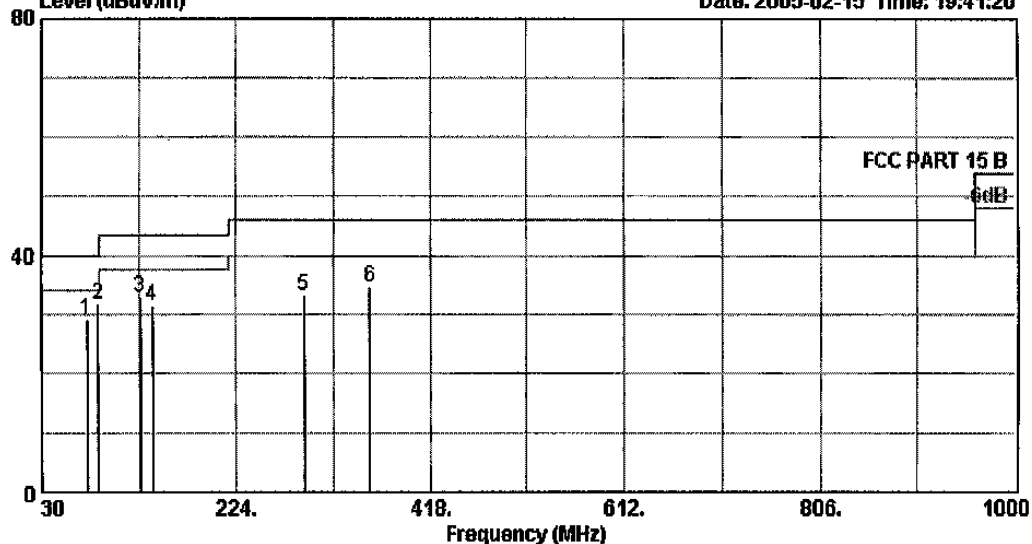




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Postcode:518057

Data: 122 File: D:\E3 Test Data\G\GreatWall\EMI (147)
Level (dBuV/m)

Date: 2005-02-15 Time: 19:41:20



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) HORIZONTAL
EVT : Color Monitor
M/N : MD1720
Test Mode : Running "K" pattern
Engineer : Bensun chan
Power : AC 120V/60Hz
Memo : Temp: 24' Humi: 54%
Memo : 1280*1024 60Hz
ANT POS: 1.3M T-TABLE POS: 189'

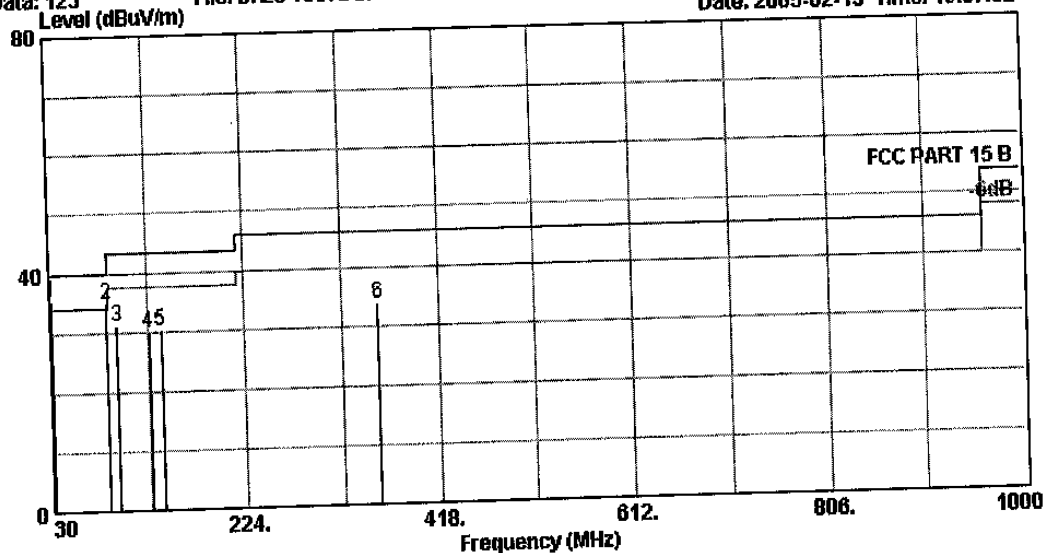
	Freq	Limit	Line	Level	Read	Over	Cable	Antenna	
	MHz	dBuV/m	dBuV/m	dBuV	dB	Limit	Loss	Factor	Remark
							dB	dB/m	
1	75.59	40.00	28.97	19.84	-11.03		1.21	7.91	QP
2	87.23	40.00	31.74	21.12	-8.26		1.27	9.35	QP
3	128.94	43.50	32.96	19.27	-10.54		1.64	12.06	QP
4	140.58	43.50	31.28	17.58	-12.22		1.84	11.86	QP
5	290.93	46.00	33.05	17.17	-12.95		2.76	13.12	QP
6	356.89	46.00	34.68	15.79	-11.32		3.23	15.65	QP



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Data: 123 File: D:\E3 Test Data\GreatWall.EMI (147)

Date: 2005-02-15 Time: 19:57:32



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
EUT: : Color Monitor
M/N: : MM1720
Test Mode: : Running "X" pattern
Engineer: : Bensun chen
Power: : AC 120V/60Hz
Memo: : Temp: 24' Humi: 54%
Memo: : 1280*1024 60Hz
: ANT POS: 2.5M T-TABLE POS: 284'

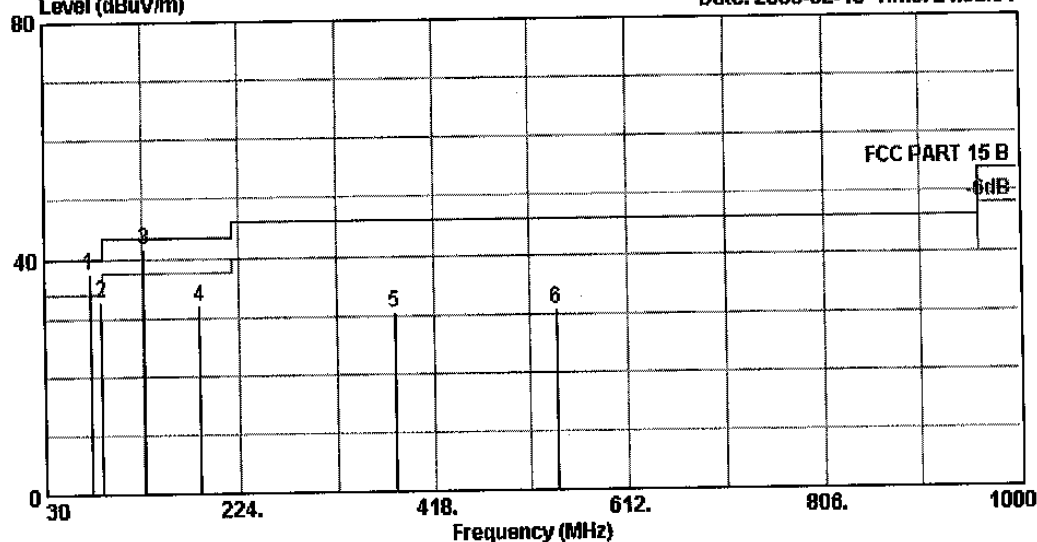
:ANT POS:2.5M		T-TABLE POS:284'		Read	Over	CableAntenna		Remark
	Freq	Limit	Level	Level	Limit	Loss	Factor	
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	31.94	40.00	35.44	19.66	-4.56	0.77	15.02	QP
2 @	37.23	40.00	34.78	24.12	-5.22	1.27	9.39	QP
3	96.93	43.50	31.17	20.20	-12.33	1.55	9.42	QP
4	128.94	43.50	29.91	17.87	-13.59	1.64	10.40	QP
5	140.58	43.50	30.17	17.66	-13.33	1.04	10.68	QP
6	356.89	46.00	33.63	15.89	-12.37	3.23	14.61	QP



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Data: 131 File: D:\E3 Test Data\G\GreatWall.EMI (147)

Date: 2005-02-15 Time: 21:02:04



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 VECTOR(3M) HORIZONTAL
EUT : Color Monitor
M/N : 1772E*
Test Mode : Running "H" pattern
Engineer : Bensun chan
Power : AC 120V/60Hz
Memo : Temp: 24' Humi: 54%
Memo : 1280*1024 60Hz
: ANT POS: 1.1M T-TABLE POS: 48'

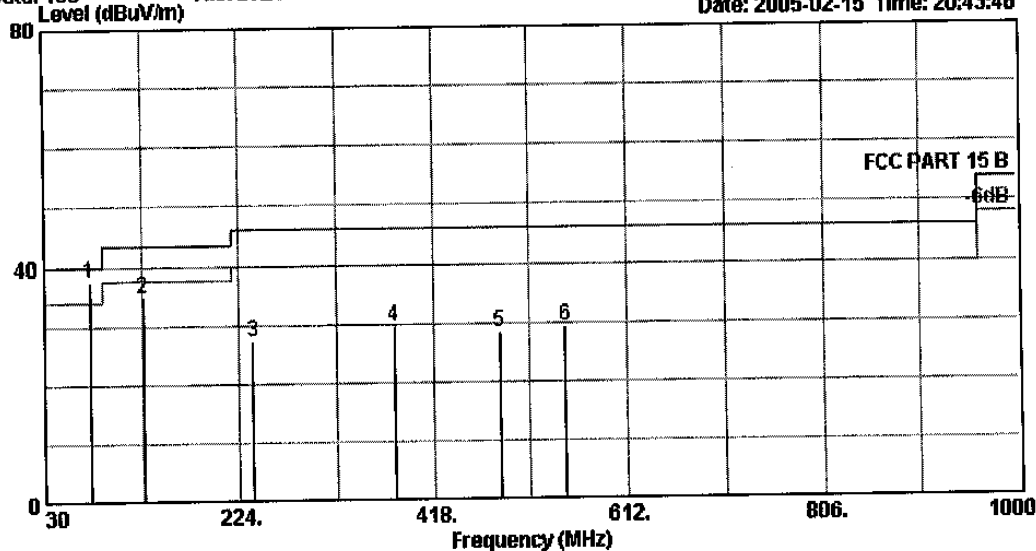
	Freq	Limit		Read	Over	CableAntenna		Remark
		Line	Level	Level	Limit	Loss	Factor	
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 B	75.65	40.00	37.52	28.40	-2.48	1.21	7.91	QP
2	87.23	40.00	32.89	22.27	-7.11	1.27	9.35	QP
3 B	129.64	43.50	41.64	27.80	-1.86	1.70	12.14	QP
4	184.23	43.50	31.91	20.33	-11.59	2.19	9.40	QP
5	378.23	46.00	30.60	11.23	-15.40	3.32	16.05	QP
6	541.19	46.00	30.84	8.73	-15.16	4.20	17.91	QP



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Data: 130 File: D:\E3 Test Data\G\GreatWall\EMI (147)

Date: 2005-02-15 Time: 20:43:46



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
RUT : Color Monitor
M/N : 1772E*
Test Mode : Running "H" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24' Humi: 54%
Memo : 1280*1024 60Hz
ANT POS: 2.4M T-TABLE POS: 356'

	LIMIT		Read		Over	CableAntenna		Remark
	Freq	Line	Level	Level	Limit	Loss	Factor	
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	75.62	40.00	37.55	28.20	-2.45	1.21	8.14	QP
2	128.94	43.50	34.77	22.73	-8.73	1.64	10.40	QP
3	237.58	46.00	27.24	13.02	-18.76	2.45	11.76	QP
4	378.23	46.00	29.59	10.85	-16.41	3.32	15.42	QP
5	484.93	46.00	28.51	7.64	-17.49	3.46	17.40	QP
6	550.89	46.00	29.21	6.09	-16.79	4.12	19.01	QP

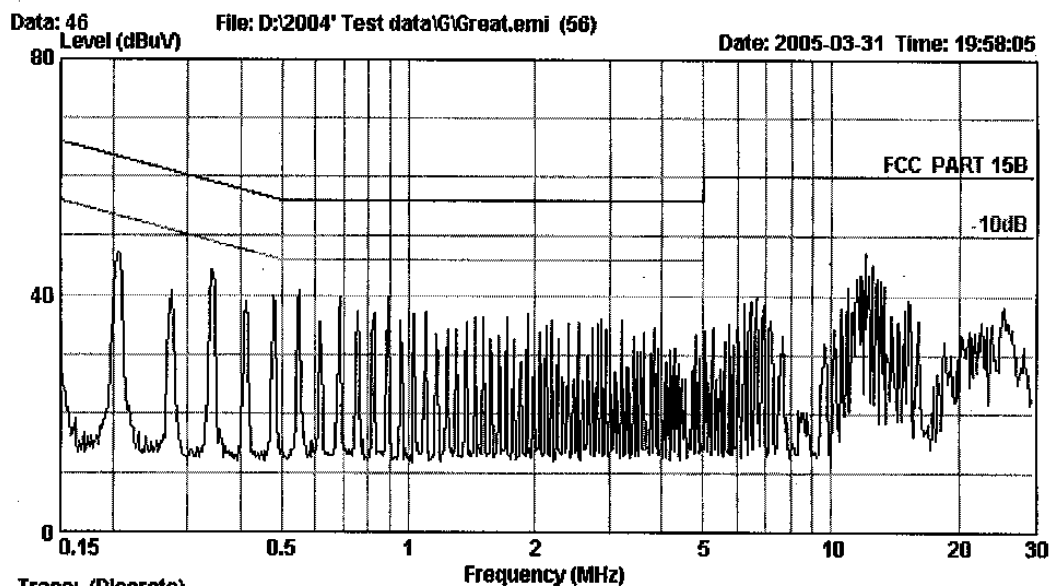
5. DEVIATION TO TEST SPECIFICATIONS

[NONE]

APPENDIX I



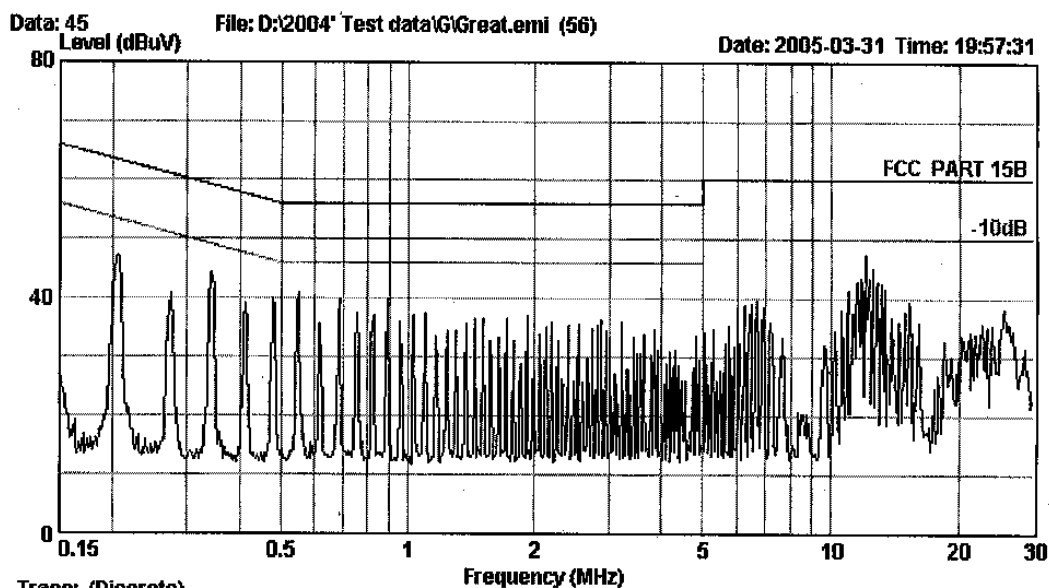
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Site : AUDIX
Condition : FCC PART 15B KRW-407 VA
EUT : Color Monitor
M/N : MM1720
Power : AC 120V/60Hz
Test Mode : RUNNING "H" Pattern
Test Engineer: Qiyuang
Comment : Temp: 24.1°C Humi: 53.2%
Memo : 640*480 60Hz



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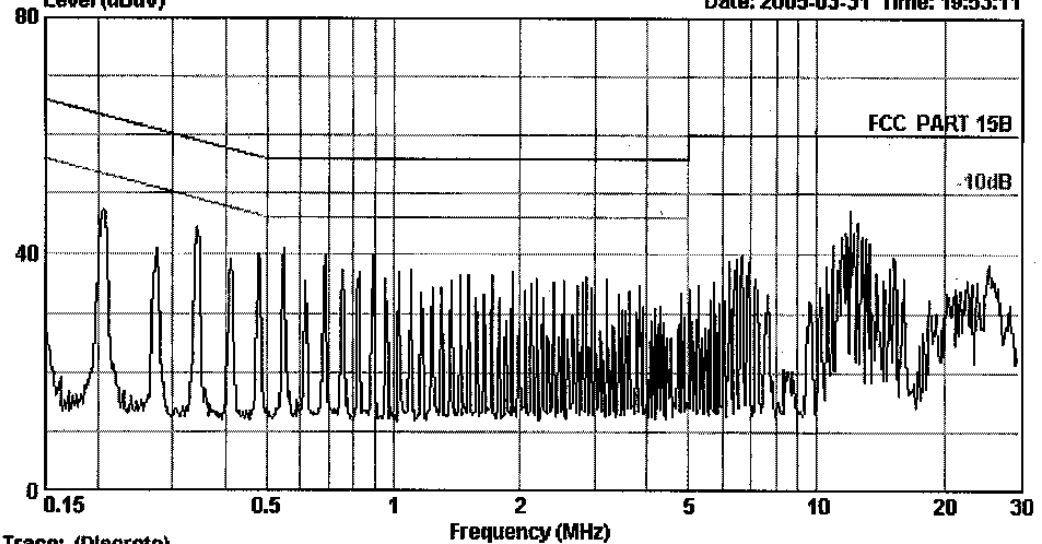


Site :AUDIX
Condition :FCC PART 15B KNW-407 VB
EUT :Color Monitor
M/N :MM1720
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humi:53.2%
Memo :640*480 60Hz



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Data: 42 Level (dBuV) File: D:\2004\ Test data\G\Great.emi (56) Date: 2005-03-31 Time: 19:53:11



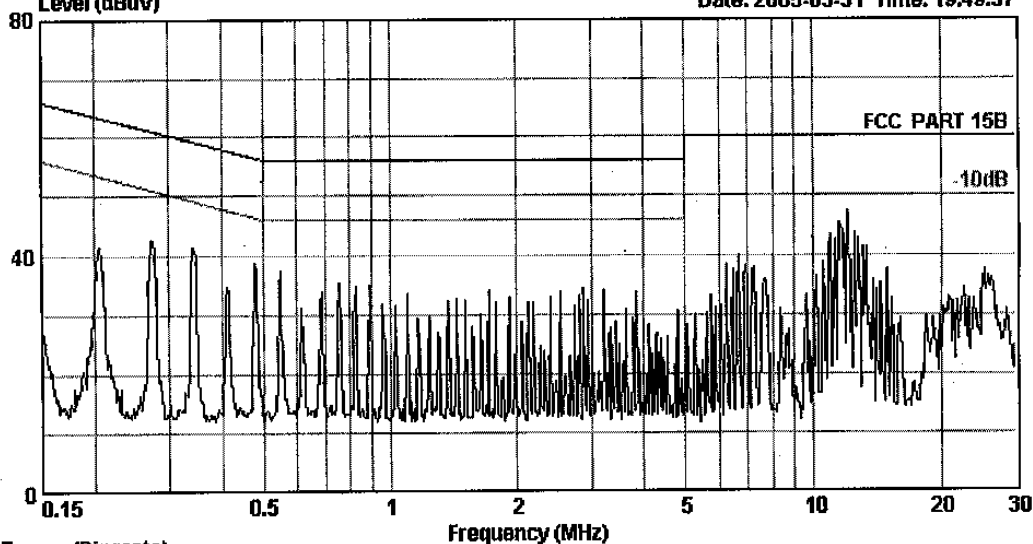
Site :AUDIX
Condition :FCC PART 15B KNW-407 VA
EUT :Color Monitor
M/N :MM1720
Power :AC 120V/60Hz
Test Mode :RUNNING "X" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humi:53.2%
Memo :1024*768 85Hz



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Data: 41 File: D:\2004\ Test data\G\Great.emi (56)
Level (dBuV)

Date: 2005-03-31 Time: 19:49:37



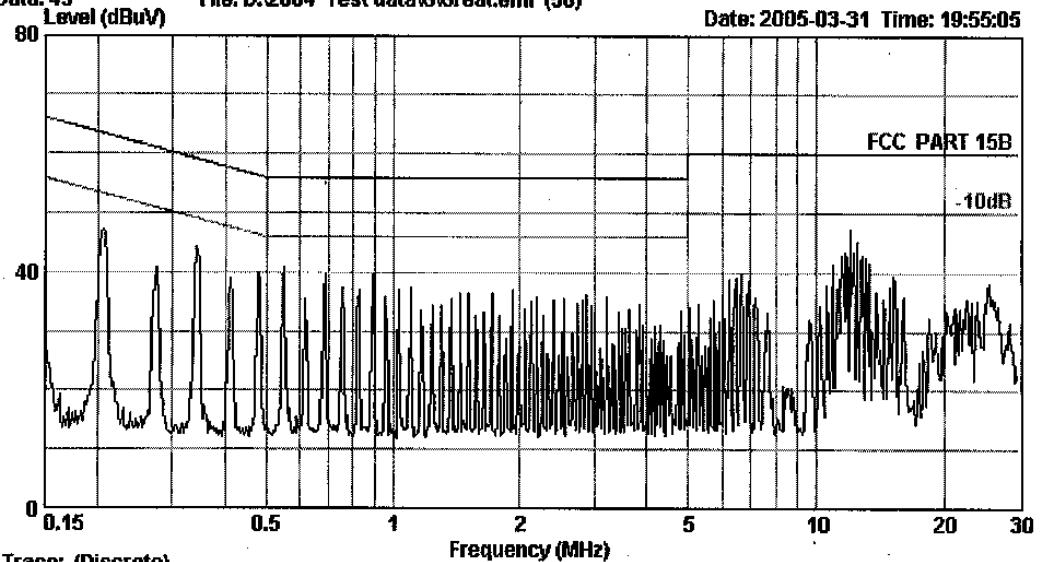
Trace: (Discrete)

Site :AUDIX
Condition :FCC PART 15B KNW-407 VB
EUT :Color Monitor
M/N :MM1720
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humi:53.2%
Memo :1024*768 95Hz



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Data: 43 File: D:\2004\ Test data\G\Great.emi (56) Date: 2005-03-31 Time: 19:55:05



Trace: (Discrete)

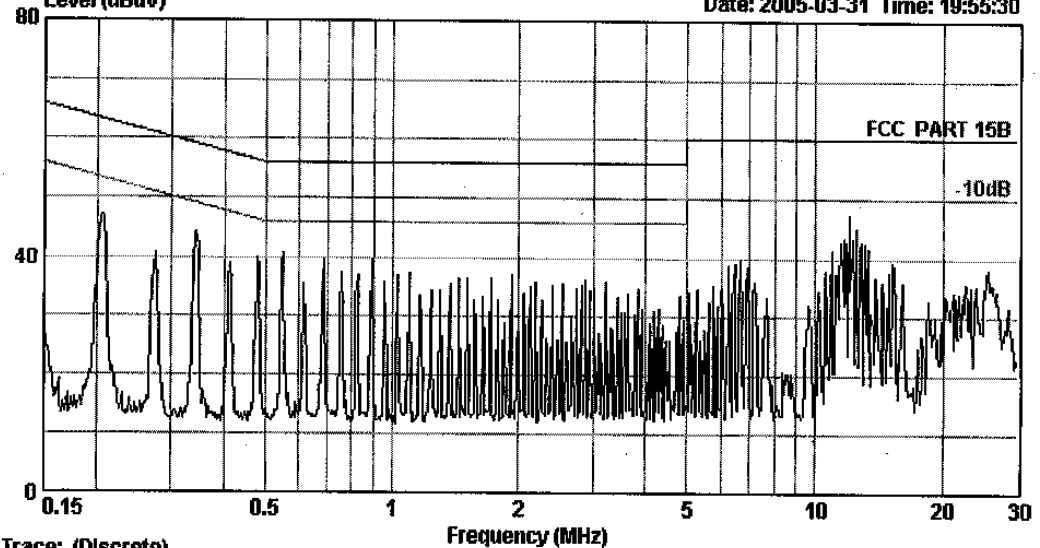
Site :AUDIX
Condition :FCC PART 15B KNW-407 VA
EUT :Color Monitor
M/N :MM1720
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humd:53.2%
Memo :1280*1024 60Hz



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Data: 44 Level (dBuV) File: D:\2004\ Test data\G\Great.emi (56)

Date: 2005-03-31 Time: 19:55:30



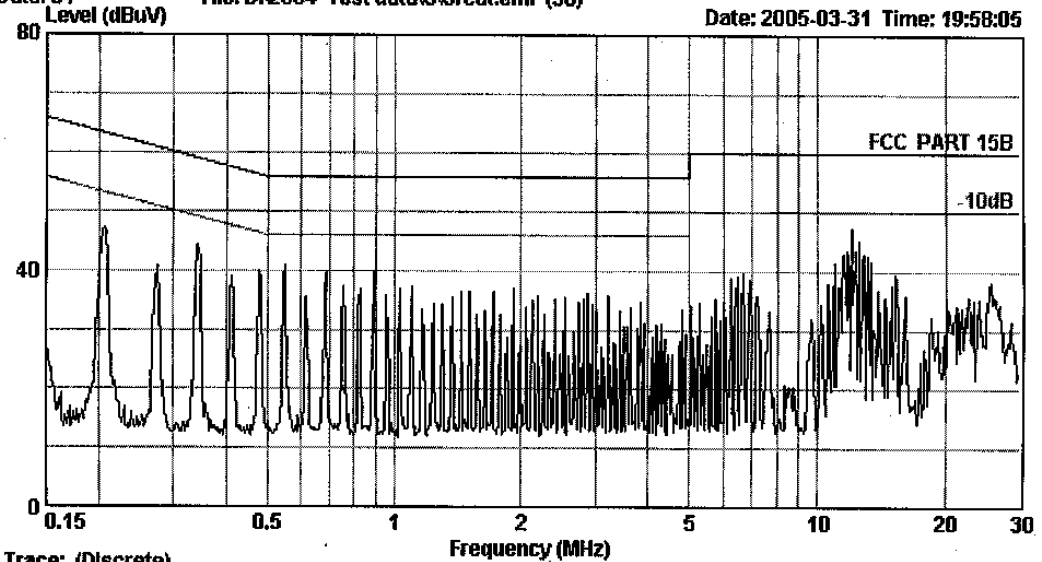
Trace: (Discrete)

Site : AUDIX
Condition : FCC PART 15B KNW-407 VB
EUT : Color Monitor
M/N : MX1720
Power : AC 120V/60Hz
Test Mode : RUNNING "H" Pattern
Test Engineer: Qiyuang
Comment : Temp: 24.1°C Humi: 53.2%
Memo : 1280*1024 60Hz



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Data: 54 File: D:\2004\ Test data\G\Great.eml (56) Date: 2005-03-31 Time: 19:58:05



Trace: (Discrete)

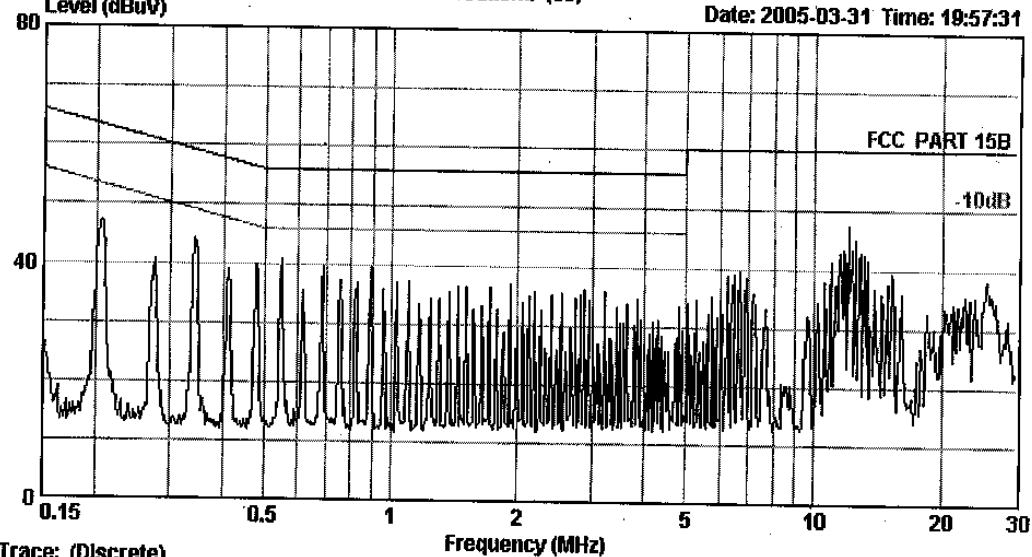
Site :AUDIX
Condition :FCC PART 15B KNW-407 VA
EUT :Color Monitor
M/N :1772E*
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humid:53.2%
Memo :640*480 60Hz



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Data: 53 File: D:\2004\ Test data\G\Great.emi (56)

Date: 2005-03-31 Time: 18:57:31



Trace: (Discrete)

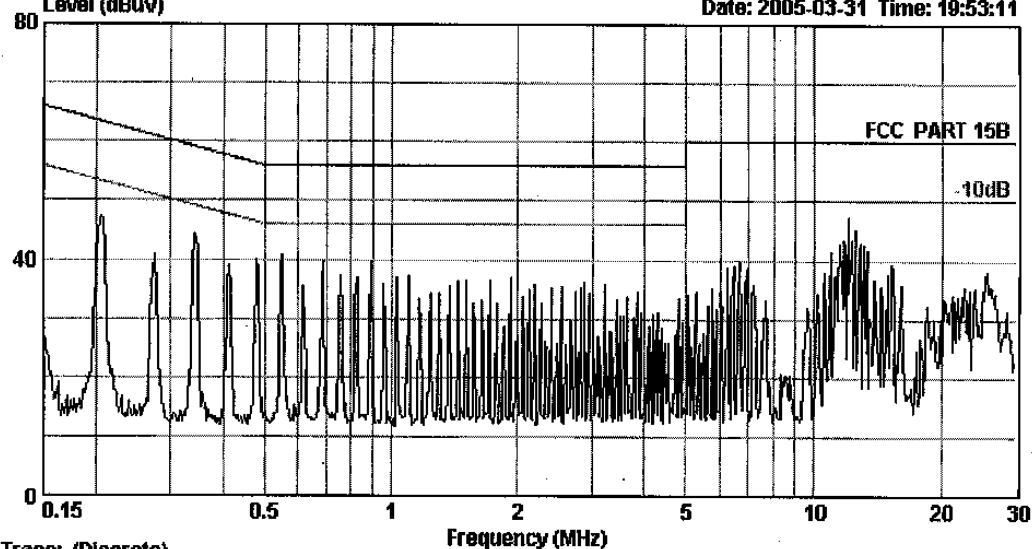
Sita :AUDIX
Condition :FCC PART 15B KNW-407 VB
EUT :Color Monitor
M/N :1772E*
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp: 24.1'C Humi: 53.2%
Memo :640*480 60Hz



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Data: 50 Level (dBuV) File: D:\2004\ Test data\G\Great.emi (56)

Date: 2005-03-31 Time: 19:53:11

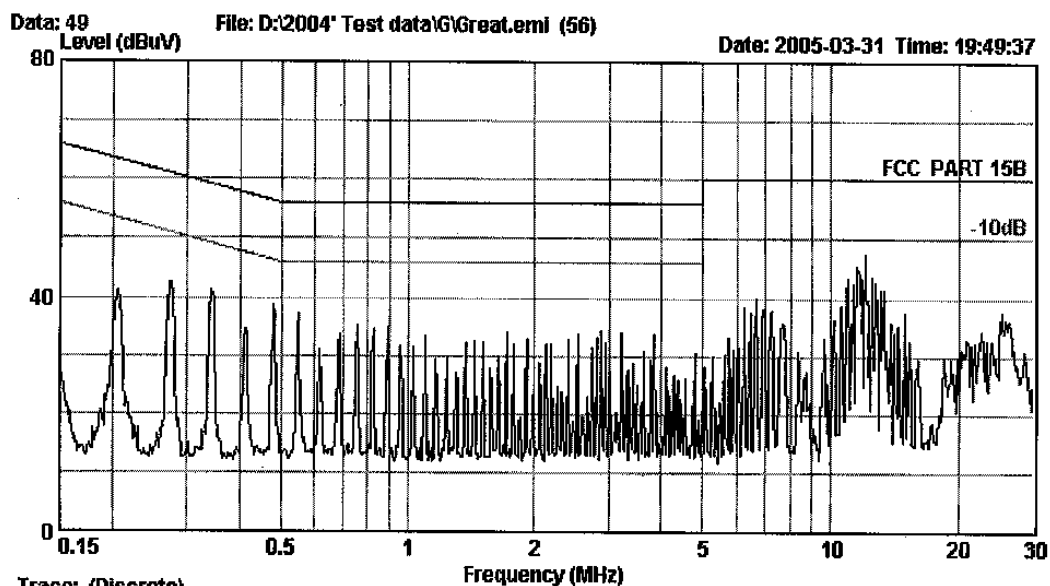


Trace: (Discrete)

Site :AUDIX
Condition :FCC PART 15B KNW-407 VA
EUT :Color Monitor
M/N :1772E*
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humi:53.2%
Memo :1024*768 85Hz



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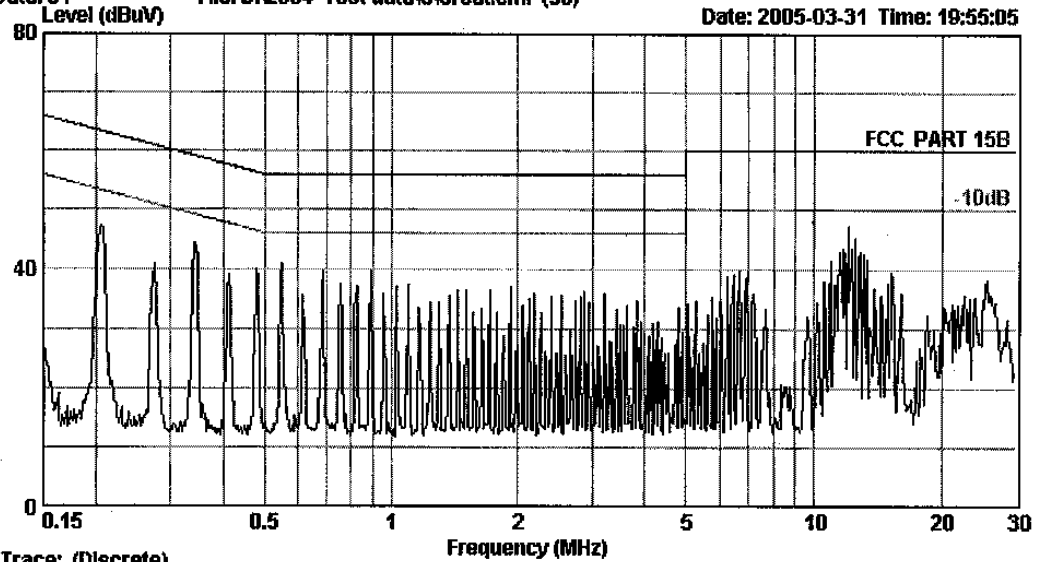


Site :AUDIX
Condition :FCC PART 15B KNW-407 VB
EUT :Color Monitor
M/N :1772E*
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humi:53.2%
Memo :1024*768 85Hz



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Data: 51 File: D:\2004\ Test data\G\Great.emi (56) Date: 2005-03-31 Time: 18:55:05



Trace: (Discrete)

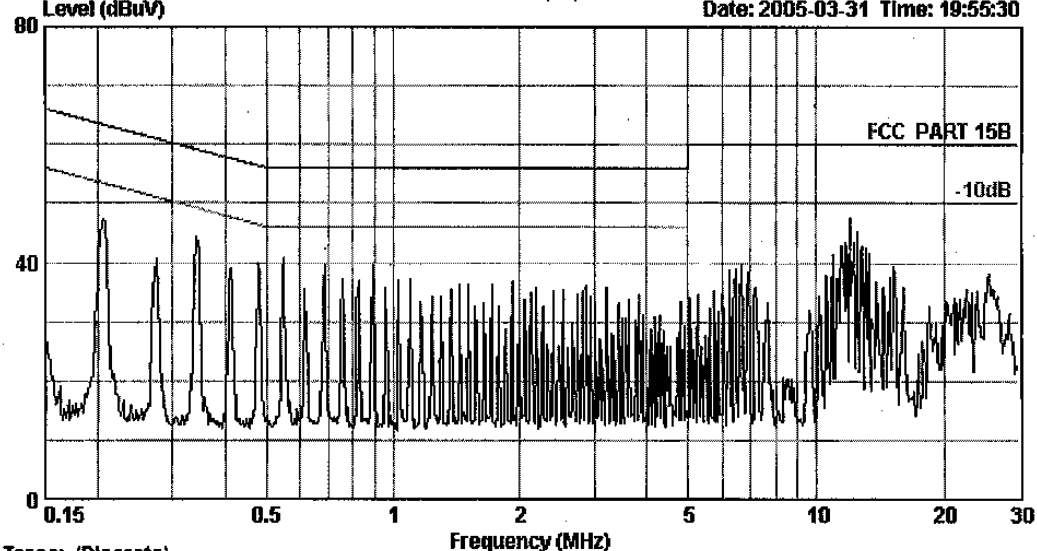
Site :AUDIX
Condition :FCC PART 15B KNW-407 VA
EUT :Color Monitor
M/N :1772E*
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humi:53.2%
Memo :1280*1024 60Hz



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Data: 52 File: D:\2004\ Test data\G\Great.emi (56)

Date: 2005-03-31 Time: 19:55:30



Trace: (Discrete)

Site :AUDIX
Condition :FCC PART 15B KNW-407 VB
EUT :Color Monitor
M/N :1772E*
Power :AC 120V/60Hz
Test Mode :RUNNING "H" Pattern
Test Engineer:Qiyuang
Comment :Temp:24.1'C Humi:53.2%
Memo :1280*1024 60Hz

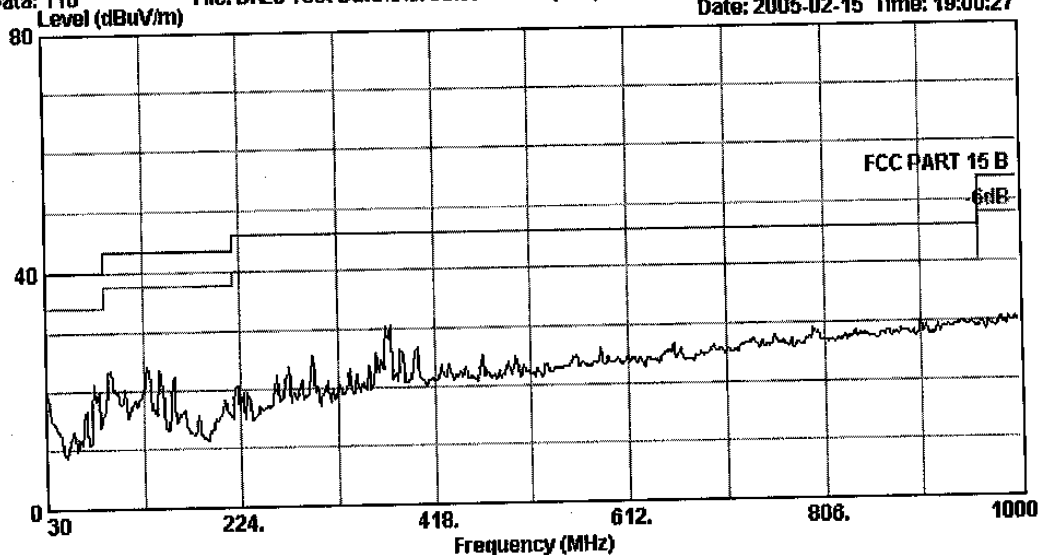
APPENDIX II



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Data: 116 File: D:\E3 Test Data\G\GreatWall\EMI (147)

Date: 2005-02-15 Time: 19:00:27



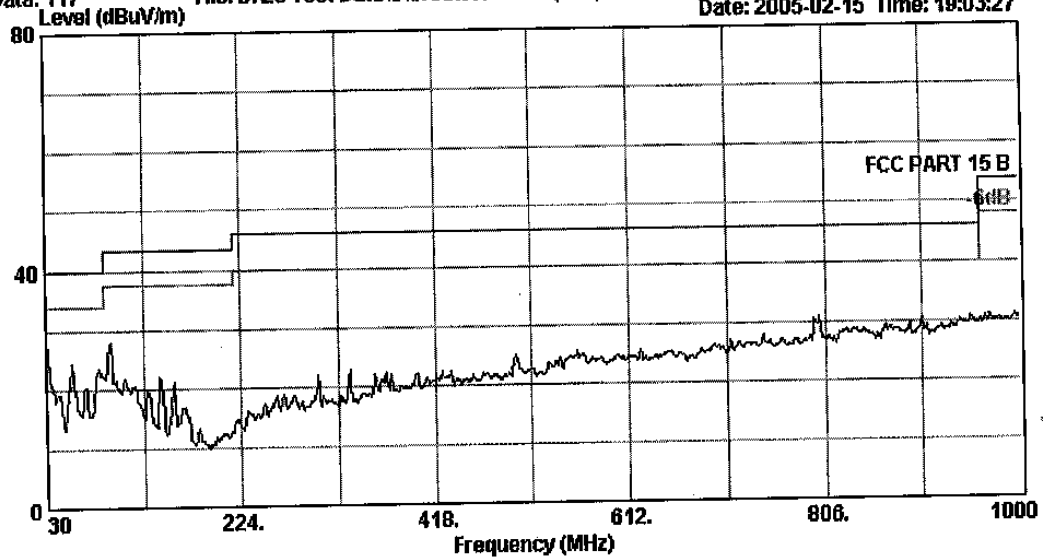
Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) HORIZONTAL
EUT : Color Monitor
M/N : MM1720
Test Mode : Running "H" pattern
Engineer : Bensun chan
Power : AC 120V/60Hz
Memo : Temp: 24' Humid: 54%
Memo : 640*480 60Hz



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Data: 117 File: D:\E3 Test Data\G\GreatWall.EMI (147)

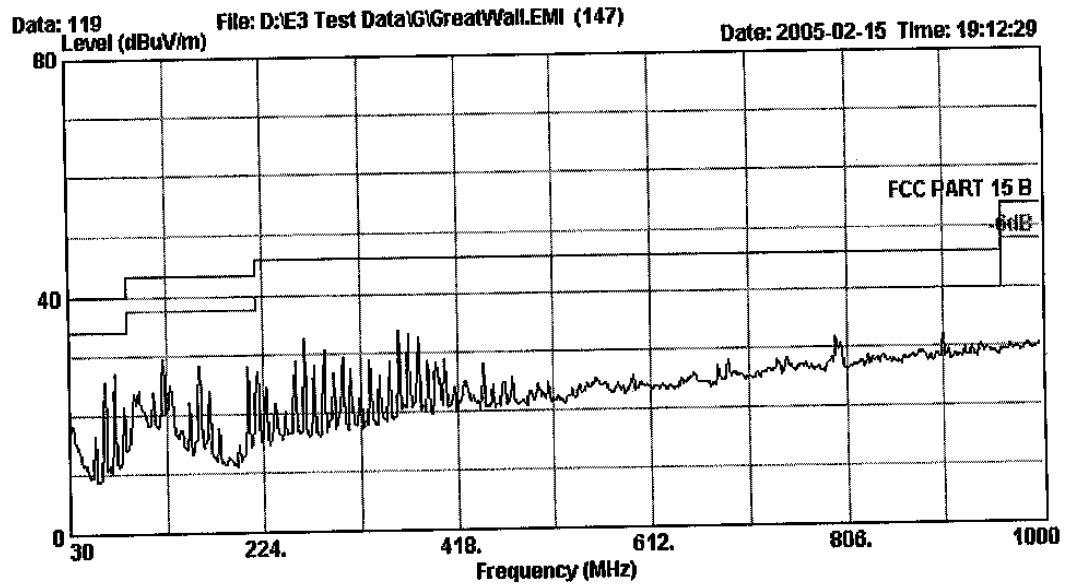
Date: 2005-02-15 Time: 19:03:27



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
EUT : Color Monitor
M/N : MX1720
Test Mode : Running "H" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24' Humi: 54%
Memo : 640*480 60Hz



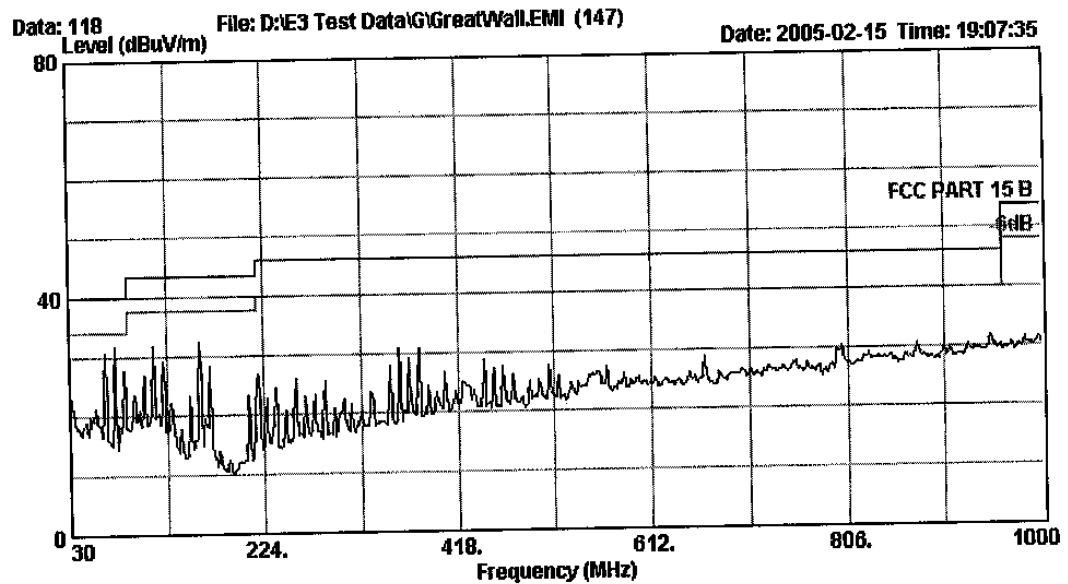
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Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) HORIZONTAL
RUT: : Color Monitor
M/N: : MM1720
Test Mode: : Running "H" pattern
Engineer: : Bensun chen
Power: : AC 120V/60Hz
Memo: : Temp: 24 Humid: 54%
Memo: : 1024*768 85Hz



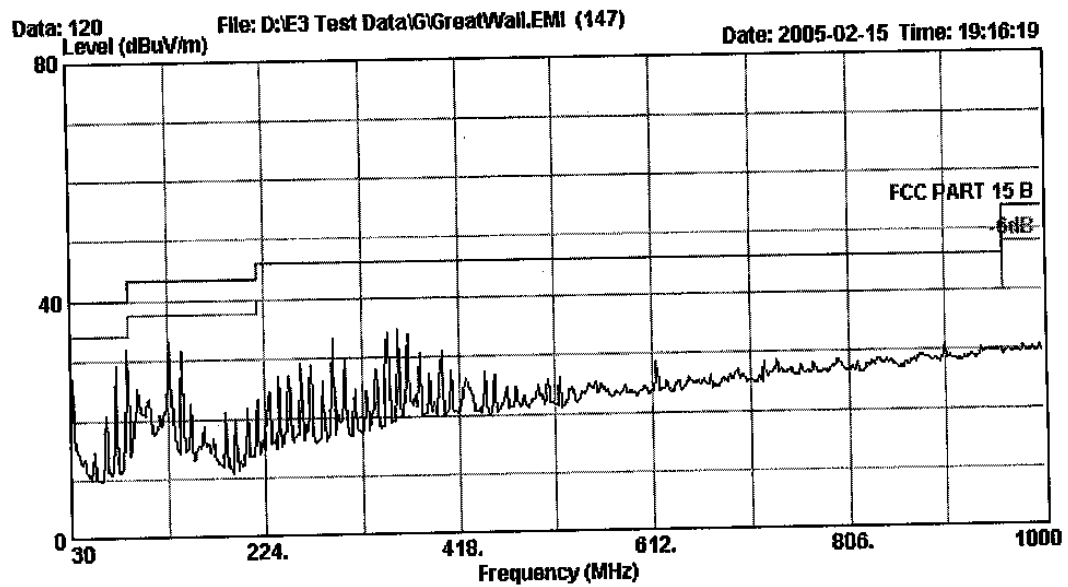
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Fax: +86-755-26632877
Postcode: 518057



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
EUT : Color Monitor
M/N : MM1720
Test Mode : Running "H" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24' Humid: 54%
Memo : 1024*768 85Hz



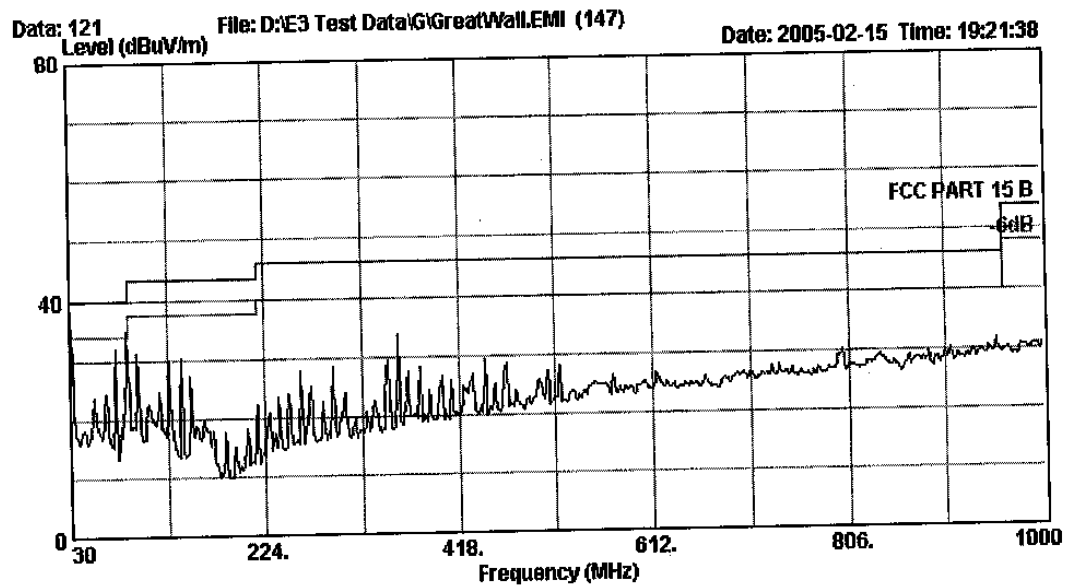
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Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) HORIZONTAL
EUT : Color Monitor
M/N : MM1720
Test Mode : Running "H" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24° Humid: 54%
Memo : 1280*1024 60Hz



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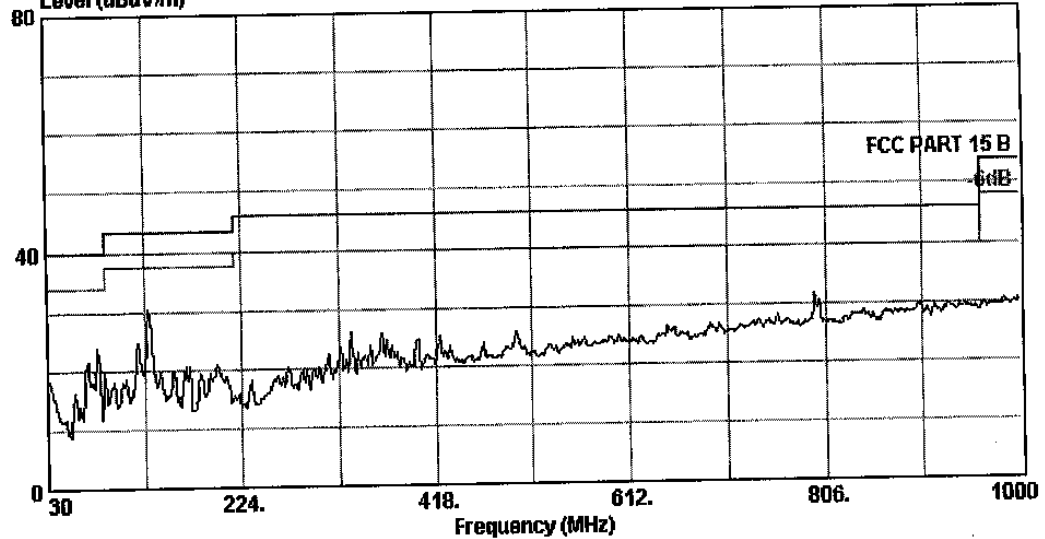


Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
EUT : Color Monitor
M/N : MM1720
Test Mode : Running "M" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24' Humid: 54%
Memo : 1280*1024 60Hz



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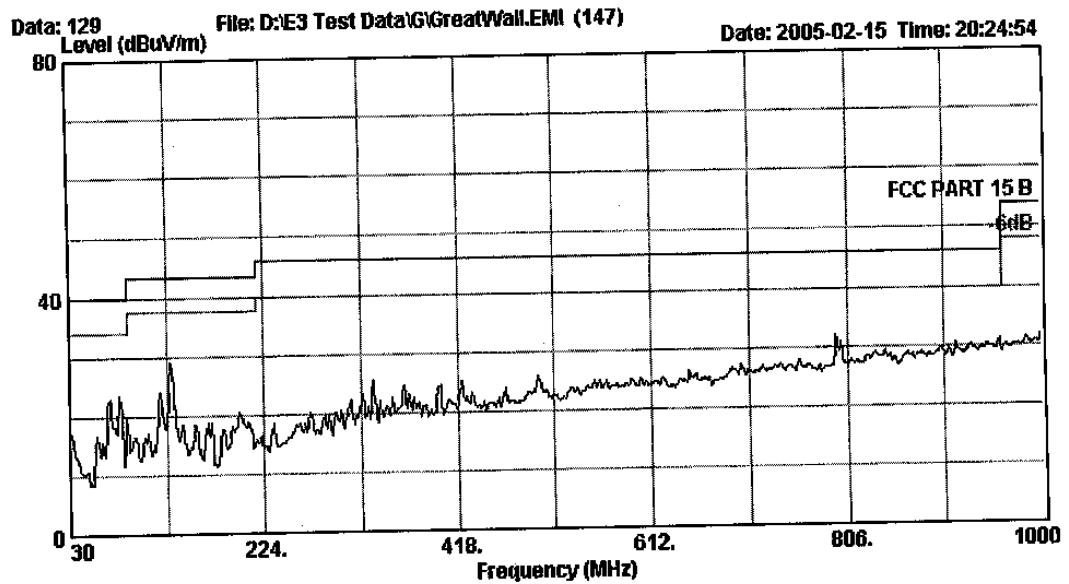
Data: 128 File: D:\E3 Test Data\G\GreatWall.EMI (147) Date: 2005-02-15 Time: 20:20:26
Level (dBuV/m)



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) HORIZONTAL
EUT : Color Monitor
M/N : 1772E*
Test Mode : Running "K" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24' Humi: 54%
Memo : 640*480 60Hz



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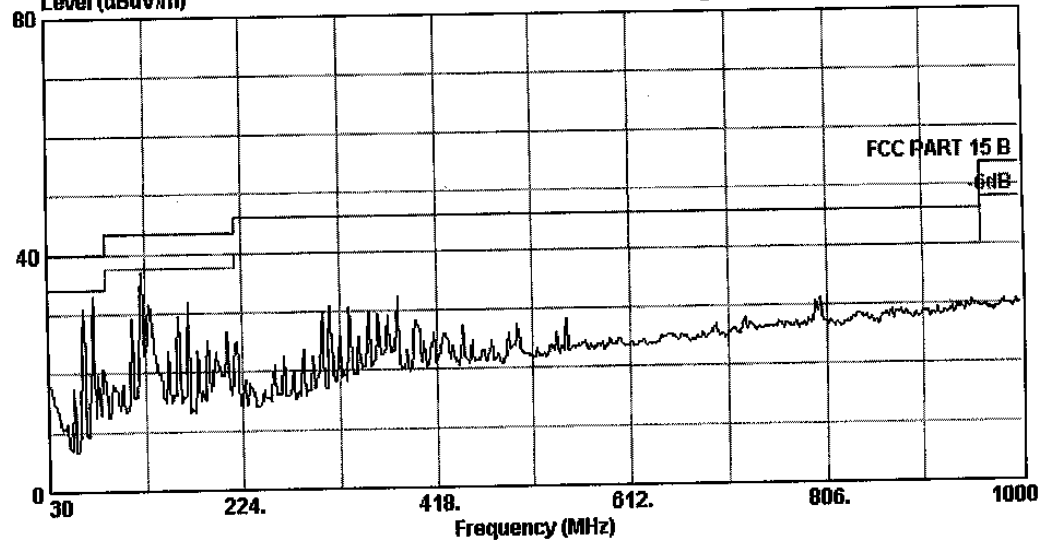
Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
EUT : Color Monitor
M/N : 1772E*
Test Mode : Running "N" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24' Humi: 54%
Memo : 640*480 60Hz



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Data: 127 File: D:\E3 Test Data\G\GreatWall\EMI (147)
Level (dBuV/m)

Date: 2005-02-15 Time: 20:16:49



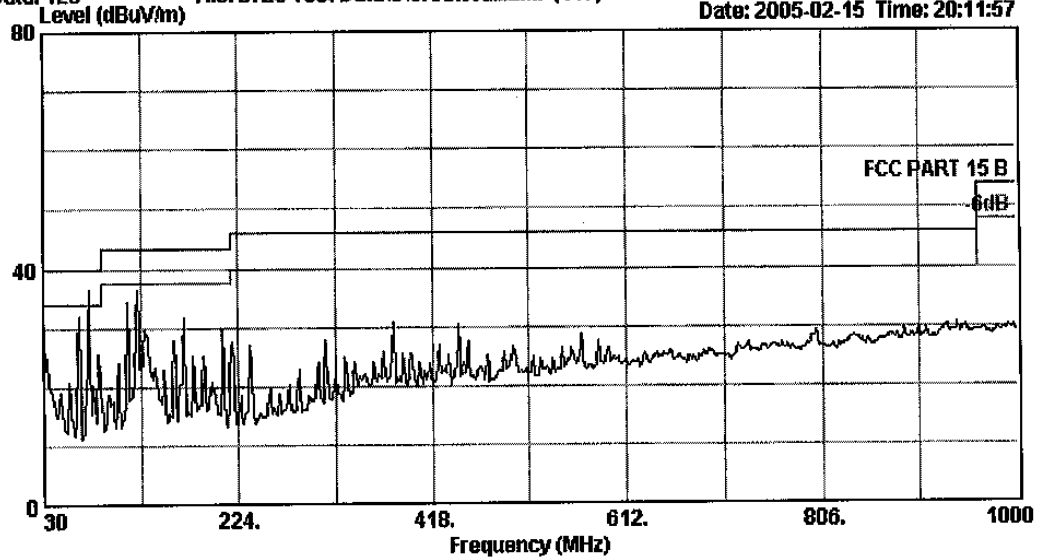
Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) HORIZONTAL
EUT : Color Monitor
M/N : 1772E*
Test Mode : Running "H" pattern
Engineer : Bansun chen
Power : AC 120V/60Hz
Memo : Temp: 24 Humid: 54%
Memo : 1024*768 95Hz



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Data: 126 File: D:\E3 Test Data\G\GreatWall\EMI (147)

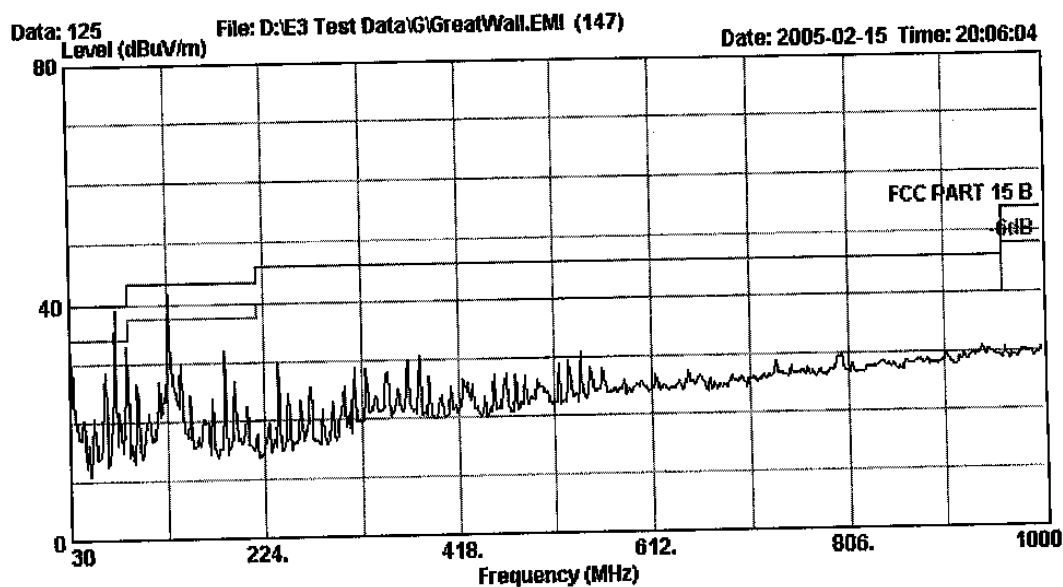
Date: 2005-02-15 Time: 20:11:57



Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
EUT : Color Monitor
M/N : 1772E*
Test Mode : Running "M" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24' Humi: 54%
Memo : 1024*768 95Hz



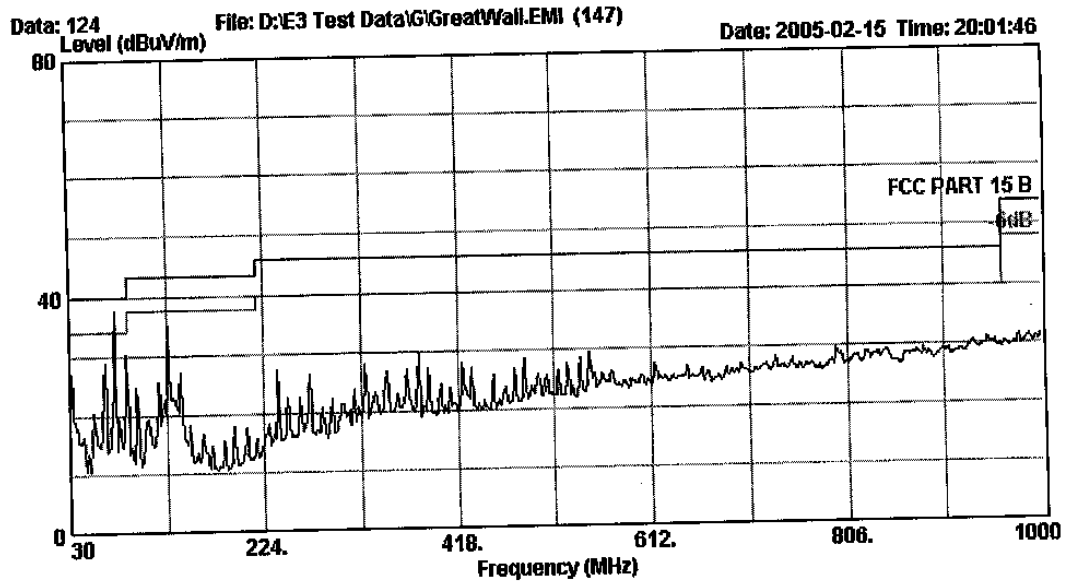
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Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) HORIZONTAL
EUT : Color Monitor
M/N : 1772E*
Test Mode : Running "H" pattern
Engineer : Bensun chen
Power : AC 120V/60Hz
Memo : Temp: 24 Humid: 64%
Memo : 1280*1024 60Hz



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Site : 10m Chamber
Condition : FCC PART 15 B 3m 2768 FACTOR(3M) VERTICAL
EUT : Color Monitor
M/N : 1772E*
Test Mode : Running "M" pattern
Engineer : Bensun chan
Power : AC 120V/60Hz
Memo : Temp: 24 Humd: 54%
Memo : 1280*1024 60Hz