

APPLICATION FOR CERTIFICATION
On Behalf of
Philips Electronics Industries (Taiwan) Ltd.
LCD Color Monitor
Model No. : (1)HWB7200P (2)HWP7200P
FCC ID : A3KM149
Brand : PHILIPS

Prepared for : Philips Electronics Industries (Taiwan) Ltd.
5, Tze Chiang 1 Road, Chungli Industrial Park
Chungli, Taoyuan, Taiwan, R.O.C.

Prepared By : Audix Corporation
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File Number : EM950194
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Date of Test : Feb. 22 ~ 27, 2006
Date of Report : Mar. 10, 2006

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TEST REPORT CERTIFICATION

Applicant : Philips Electronics Industries (Taiwan) Ltd.
 Factory #1 : Philips Consumer Elec. Co. of Suzhou Ltd.
 Factory #2 : TPV Electronics (Fujian) Co., Ltd
 EUT Description : LCD Color Monitor
 FCC ID : A3KM147
 (A) MODEL NO. : (1)HWB7200P (2)HWP7200P
 (B) SERIAL NO. : (1)TY0405400 (2)TY0405406
 (C) BRAND : PHILIPS
 (D) POWER SUPPLY : AC 100-240V, 60-50Hz
 (E) TEST VOLTAGE : AC 120V/60Hz

Measurement Procedure Used:

FCC CFR 47 Part 15 Subpart B/Feb. 2006 and CISPR 22/1997
ANSI C63.4-2003

The device described above was tested by AUDIX Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 Subpart B with the provisions of section §15.107 (a) and §15.109 (a)(g) Class B limits both conducted and radiated emission.

The measurement results are contained in this test report and AUDIX Corporation 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 AUDIX Corporation.

Date of Test : Feb. 22 ~ 27, 2006

Prepared by : May Chen Mar. 13, 2006
(May Chen/Assistant)

Test Engineer : Alex Deng Mar. 13, 2006
(Alex Deng/Section Manager)

Approved & Authorized Signer : Leon Liu Mar 13 2006
(Leon Liu/Senior Manager)

1. GENERAL INFORMATION

1.1. Description of Device

Description : LCD Color Monitor

Model Number : (1)HWB7200P (2)HWP7200P
Above all models have the same appearance, PCB and circuit, the differences are as follows:

| Model | HWB7200P | HWP7200P |
|---------------------|-------------------|--------------------|
| LCD Panel | QDI, M/N QD20AL01 | AUO, M/N M201EW01 |
| Scaler | Novatek: NT68563H | Novatek: NT68563HF |
| Input Port | D-Sub / DVI | D-Sub / DVI |
| USB Port | 2 USB Ports | 5 USB Ports |
| Color of Appearance | Black or Silver | |

The two models HWB7200P and HWP7200P are representative selected in the test and included in this report.

Serial Number : (1)TY0405400 (2)TY0405406

FCC ID. : A3KM149

Brand : PHILIPS

Applicant : Philips Electronics Industries (Taiwan) Ltd.
5, Tze Chiang 1 Rd, Chungli Ind. Park,
Chungli, Taoyuan Hsien, Taiwan, R.O.C.

Factory #1 : Philips Consumer Elec. Co. of Suzhou Ltd.
No. 161, Zhujiang Road, New District, Suzhou
215011, PRC.

Factory #2 : TPV Electronics (Fujian) Co., Ltd
Shangzheng, Yuanhong, Road, Fuqing, Fujian,
China.

Scanning Frequency : Horizontal: 30-93kHz
Vertical: 56-75Hz

Max Resolution : 1680*1050/60Hz(D-Sub)
1680*1050/60Hz(DVI)

| | | |
|---------------------------|---|--|
| LCD Panel | : | (1)QDI, M/N QD20AL01 (For M/N HWB7200P) (2)AUO, M/N M201EW01 (For M/N HWP7200P) |
| D-Sub Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| DVI Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| USB Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| Power Cord | : | Non-Shielded, Detachable, 1.8m (3 pin) |
| Data of Receipt of Sample | : | Feb. 16, 2006 |
| Date of Test | : | Feb. 22 ~ 27, 2006 |

1.2. Tested Supporting System Details

1.2.1. PC SYSTEM

| | | |
|---------------|---|--|
| Model Number | : | D510 |
| Serial Number | : | N/A |
| FCC ID | : | By DoC |
| BSMI ID | : | 3912Q007 |
| Manufacturer | : | COMPAQ |
| VGA Card | : | ATI, M/N: Radeon 9800 Pro S/N: 180419018492, FCC by DoC |
| Power Cord | : | Non-Shielded, Detachable, 1.8m |

1.2.2. KEYBOARD

| | | |
|---------------|---|----------------------------------|
| Model Number | : | SK-1688 |
| Serial Number | : | M0401000823 |
| FCC ID | : | GYUR84SK |
| BSMI ID | : | T3A002 |
| Manufacturer | : | Siltek (Brand: HP) |
| Data Cable | : | Non-Shielded, Undetachable, 1.8m |

1.2.3. PS2 MOUSE

| | | |
|---------------|---|----------------------------------|
| Model Number | : | M-S69 |
| Serial Number | : | N/A |
| FCC ID | : | JNZ211443 |
| BSMI ID | : | 3892D101 |
| Manufacturer | : | COMPAQ |
| Data Cable | : | Non-Shielded, Undetachable, 1.8m |

1.2.4. PRINTER

| | | |
|---------------|---|--------------------------------|
| Model Number | : | KX-P2135 |
| Serial Number | : | 8DMCNC02144 |
| FCC ID | : | ACJ5Z6KX-P2135 |
| BSMI ID | : | 3872A371 |
| Manufacturer | : | Matsushita (Brand: Panasonic) |
| Data Cable | : | Shielded, Detachable, 1.5m |
| Power Cord | : | Non-Shielded, Detachable, 1.8m |

1.2.5. MODEM

| | | |
|---------------|---|--|
| Model Number | : | DM-1414 |
| Serial Number | : | 980034381 |
| 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. MICROPHONE

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

1.2.7. WALKMAN

| | | |
|---------------|---|--------------------------------|
| Model Number | : | RQ-P35LT-K |
| Serial Number | : | HA08715 |
| Manufacturer | : | Panasonic |
| Data Cable | : | Non-Shielded, Detachable, 1.8m |

1.2.8. SPEAKER

| | | |
|---------------|---|--------------------------------|
| Model Number | : | J-008 |
| Serial Number | : | J80547826 |
| Manufacturer | : | (J-S) JAZZ HIPSTER |
| Data Cable | : | Non-Shielded, Undetachable, 1m |

1.2.9. USB2.0 EXTERNAL HARD DISK DRIVE #1- LINK TO EUT

| | | |
|---------------|---|----------------------------|
| Model Number | : | F12-U |
| Serial Number | : | A0100214-4CG0016 |
| FCC ID | : | By DoC |
| BSMI ID | : | 3902C223 |
| Manufacturer | : | TeraSys |
| Data Cable | : | Shielded, Detachable, 1.0m |

1.2.10.USB2.0 EXTERNAL HARD DISK DRIVE #2- LINK TO EUT (ONLY FOR M/N: HWP7200P)

| | | |
|---------------|---|----------------------------|
| Model Number | : | F12 |
| Serial Number | : | A0100214-5780012 |
| FCC ID | : | By DoC |
| BSMI ID | : | 4912A002 |
| Manufacturer | : | TeraSys |
| Data Cable | : | Shielded, Detachable, 1.0m |

1.2.11.USB2.0 EXTERNAL HARD DISK DRIVE #3- LINK TO EUT (ONLY FOR M/N: HWP7200P)

| | | |
|---------------|---|----------------------------|
| Model Number | : | F12-U |
| Serial Number | : | A0100214-4CG0020 |
| FCC ID | : | By DoC |
| BSMI ID | : | 3902C223 |
| Manufacturer | : | TeraSys |
| Data Cable | : | Shielded, Detachable, 1.0m |

1.2.12.USB2.0 EXTERNAL HARD DISK DRIVE #4- LINK TO EUT (ONLY FOR M/N: HWP7200P)

| | | |
|---------------|---|----------------------------|
| Model Number | : | F12 |
| Serial Number | : | A0100214-5780010 |
| FCC ID | : | By DoC |
| BSMI ID | : | 3902C223 |
| Manufacturer | : | TeraSys |
| Data Cable | : | Shielded, Detachable, 1.0m |

1.3. Description of Test Facility

Name of Firm : **Audix Corporation**
 Technical Division EMC Department
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei County 24443, Taiwan, R.O.C.

Test Site : **No. 3 Shielded Room**
 No. 67-4, Tin-Fu Tsun, Lin-Kou,
 Taipei County, Taiwan, R.O.C.

No. 4 Open Area Test Site
 No. 67-4, Tin-Fu Tsun, Lin-Kou,
 Taipei County, Taiwan, R.O.C.

Feb. 02, 2006 Re-File on
 Federal Communication Commission
 Registration Number: 90991

NVLAP Lab. Code : 200077-0
 (NVLAP is a NATA accredited body under Mutual Recognition Agreement)

DAR-Registration No. : DAT-P-145/03-01

1.4. Measurement Uncertainty

| Test Item | Frequency Range | Uncertainty (dB) |
|-----------------------------------|-----------------|------------------|
| Conduction Test | 150kHz~30MHz | ±1.73dB |
| Radiation Test (Distance: 10m) | 30MHz~300MHz | ±2.99dB |
| | 300MHz~1000MHz | ±2.73dB |
| Radiation Test (Distance: 3m) | 30MHz~300MHz | ±2.91dB |
| | 300MHz~1000MHz | ±2.94dB |

Remark : Uncertainty = $ku_c(y)$

2. CONDUCTED EMISSION MEASUREMENT

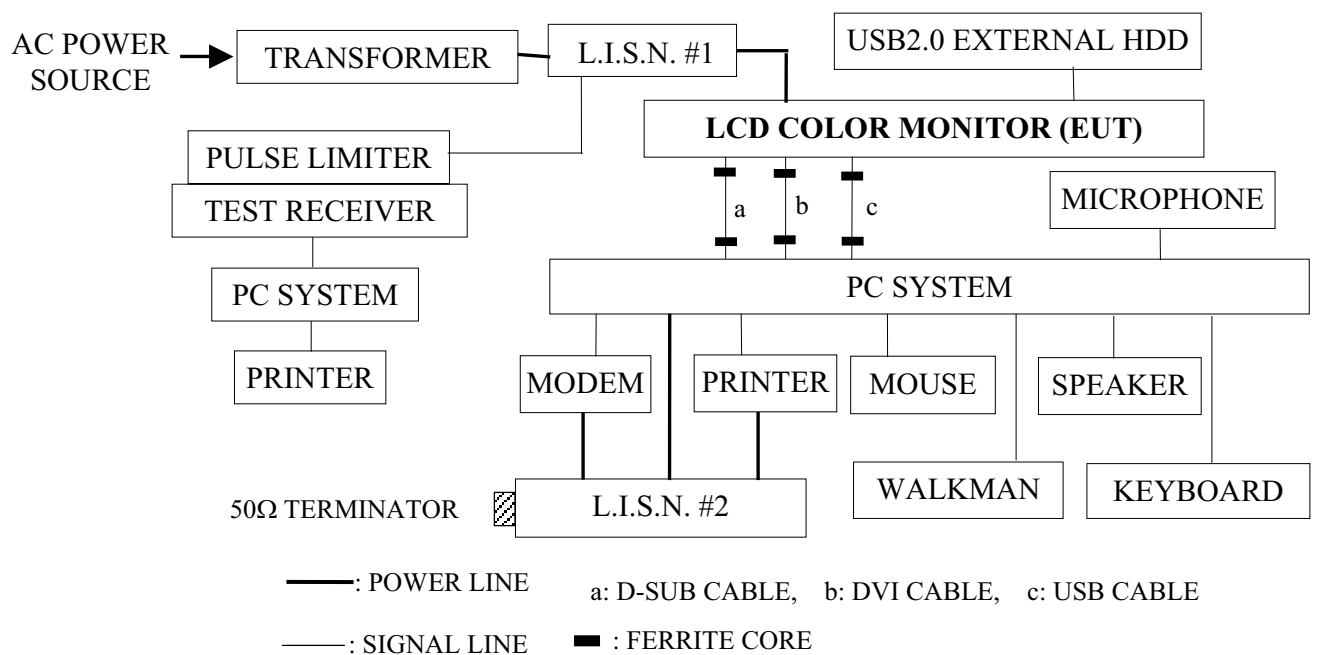
2.1. Test Equipment

The following test equipment was used during the powerline conducted emission measurement: (No. 3 Shielded Room)

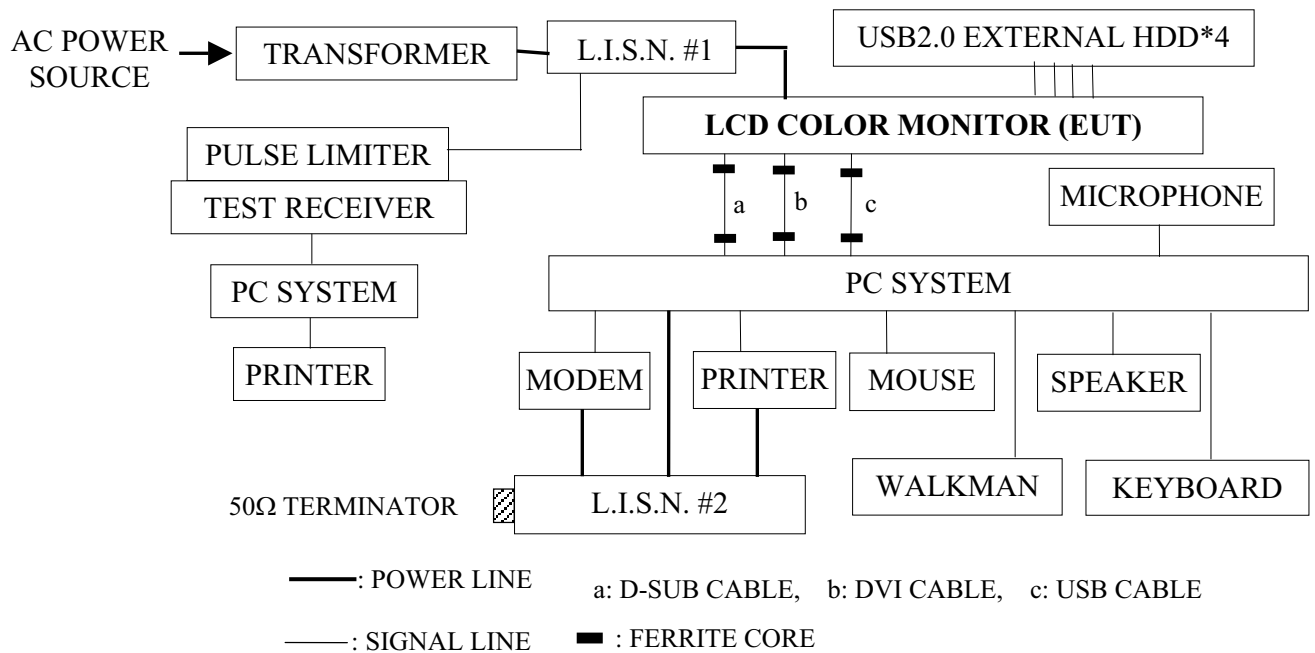
| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|---------------|--------------|-----------|------------|--------------|--------------|
| 1. | Test Receiver | R & S | ESCS 30 | 825442/020 | Aug. 11, 05' | Aug. 10, 06' |
| 2. | L.I.S.N. #1 | Kyoritsu | KNW-407 | 8-1370-9 | Aug. 11, 05' | Aug. 10, 06' |
| 3. | L.I.S.N. #2 | Kyoritsu | KNW-407 | 8-1370-10 | Jun. 09, 05' | Jun. 08, 06' |
| 4. | Pulse Limiter | R & S | ESH3Z2 | 100041 | Apr. 09, 05' | Apr. 08, 06' |

2.2. Block Diagram of Test Setup

2.2.1. Test Model: HWB7200P



2.2.2. Test Model: HWP7200P



2.3. Conducted Emission Limit (§15.107(a), Class B)

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

Remark1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.

2.: The lower limit applies at the band edges.

2.4. EUT's Configuration during Compliance Measurement

The following equipment 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. LCD Color Monitor (EUT #1)

| | | |
|--------------------|---|--|
| Model Number | : | HWB7200P |
| Serial No. | : | TY0405400 |
| Brand | : | PHILIPS |
| Factory | : | Philips Consumer Elec. Co. of Suzhou Ltd. |
| Scanning Frequency | : | Horizontal: 30-93kHz Vertical: 56-75Hz |
| Max Resolution | : | 1680*1050/60Hz(D-Sub) 1680*1050/60Hz(DVI) |
| LCD Panel | : | QDI, M/N QD20AL01 |
| D-Sub Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| DVI Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| USB Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| Power Cord | : | Non-Shielded, Detachable, 1.8m (3 pin) |

2.4.2. LCD Color Monitor (EUT #1)

| | | |
|--------------------|---|--|
| Model Number | : | HWP7200P |
| Serial No. | : | TY0405406 |
| Brand | : | PHILIPS |
| Factory | : | Philips Consumer Elec. Co. of Suzhou Ltd. |
| Scanning Frequency | : | Horizontal: 30-93kHz Vertical: 56-75Hz |
| Max Resolution | : | 1680*1050/60Hz(D-Sub) 1680*1050/60Hz(DVI) |
| LCD Panel | : | AUO, M/N M201EW01 |
| D-Sub Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| DVI Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| USB Cable | : | Shielded, Detachable, 1.8m Bonded two ferrite cores |
| Power Cord | : | Non-Shielded, Detachable, 1.8m (3 pin) |

2.4.3. 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 equipment.
- 2.5.3. The PC system read data from disk.
- 2.5.4. The PC system running the self-test program “IBM Pattern V 1.8” by windows XP and sent “H” character to LCD Color Monitor (EUT) through VGA card, the screen displayed and filled with “H” pattern by EUT’s resolution via D-Sub or DVI input.
- 2.5.5. The PC system read data from external HDDs and then wrote data into external HDDs via USB inputs.
- 2.5.6. Repeat the above procedures from 2.5.3 to 2.5.5.
- 2.5.7. The other peripheral devices were driven and operated in turn during all testing.

2.6. Test Procedure

The EUT was put on table which was above the ground by 80cm and its power cord 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 simulators of the interface cables were manipulated according to FCC ANSI C63.4-2003 during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS 30 was set at 9kHz.

The frequency range from 0.15MHz to 30MHz was pre-scanned with a peak detector.

The all final readings from Test Receiver were measured with the Quasi-Peak detector and Average detector. (Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

2.7. Test Results

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

The two kind of EUT with following test modes were performed during this section testing and selected the worst test modes [**Mode 4, 8, 9, 13, 17, 18**] to read Q.P. value, all the test results are attached in next pages. (※ **the worst test mode**)

EUT : LCD Color Monitor Model No.: (1)HWB7200P (2)HWP7200P

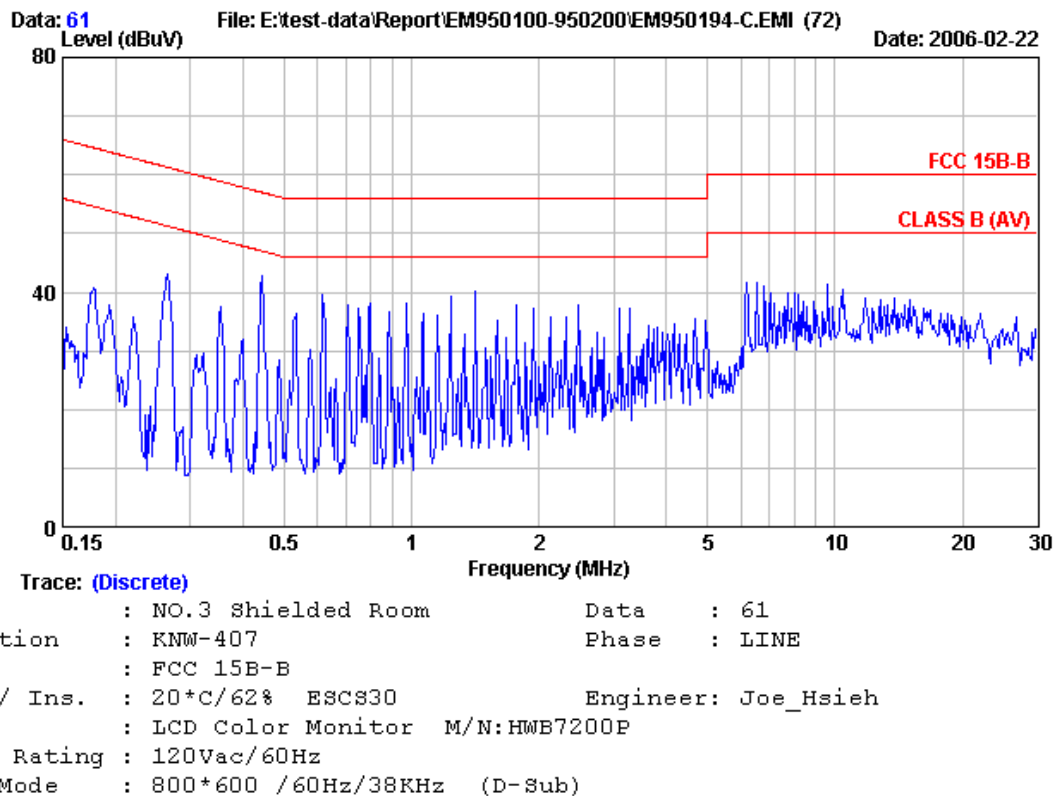
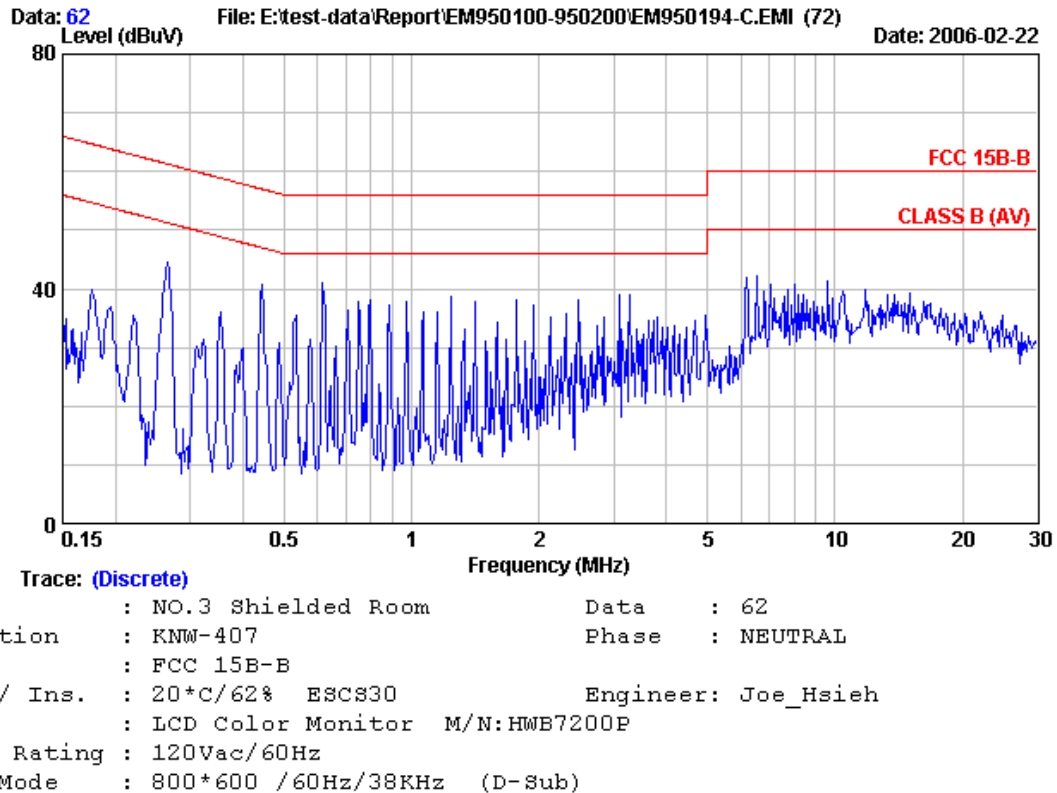
Test Date: Feb. 22, 2006 Temperature: 20°C Humidity: 62%

The details of test modes are as follows:

| Mode | Model | Input Port | Resolution/ Frequency | LCD Panel's Angle | Reference Test Data No | |
|-------|-----------------|--------------|------------------------------|-------------------|------------------------|-------------|
| | | | | | Neutral | Line |
| 1. | HWB7200P | D-Sub | 800*600/60Hz, 38kHz | 0° | # 62 | # 61 |
| 2. | | | 1280*1024/75Hz, 80kHz | 0° | # 60 | # 59 |
| 3. | | | 1600*1200/75Hz, 94kHz | 0° | # 58 | # 57 |
| ※ 4. | | | 1680*1050/60Hz, 66kHz | 0° | # 56 | # 55 |
| 5. | | DVI | 640*480/60Hz, 31kHz | 0° | # 70 | # 69 |
| 6. | | | 1280*1024/75Hz, 80kHz | 0° | # 68 | # 67 |
| 7. | | | 1600*1200/60Hz, 75kHz | 0° | # 66 | # 65 |
| ※ 8. | | | 1680*1050/60Hz, 66kHz | 0° | # 64 | # 63 |
| ※ 9. | | | 1050*1680/60Hz | Rotate 90° | # 72 | # 71 |
| 10. | HWP7200P | D-Sub | 800*600/60Hz, 38kHz | 0° | # 44 | # 43 |
| 11. | | | 1280*1024/75Hz, 80kHz | 0° | # 42 | # 41 |
| 12. | | | 1600*1200/75Hz, 94kHz | 0° | # 40 | # 39 |
| ※ 13. | | | 1680*1050/60Hz, 66kHz | 0° | # 38 | # 37 |
| 14. | | DVI | 640*480/60Hz, 31kHz | 0° | # 52 | # 51 |
| 15. | | | 1280*1024/75Hz, 80kHz | 0° | # 50 | # 49 |
| 16. | | | 1600*1200/60Hz, 75kHz | 0° | # 48 | # 47 |
| ※ 17. | | | 1680*1050/60Hz, 66kHz | 0° | # 46 | # 45 |
| ※ 18. | | | 1050*1680/60Hz | Rotate 90° | # 54 | # 53 |

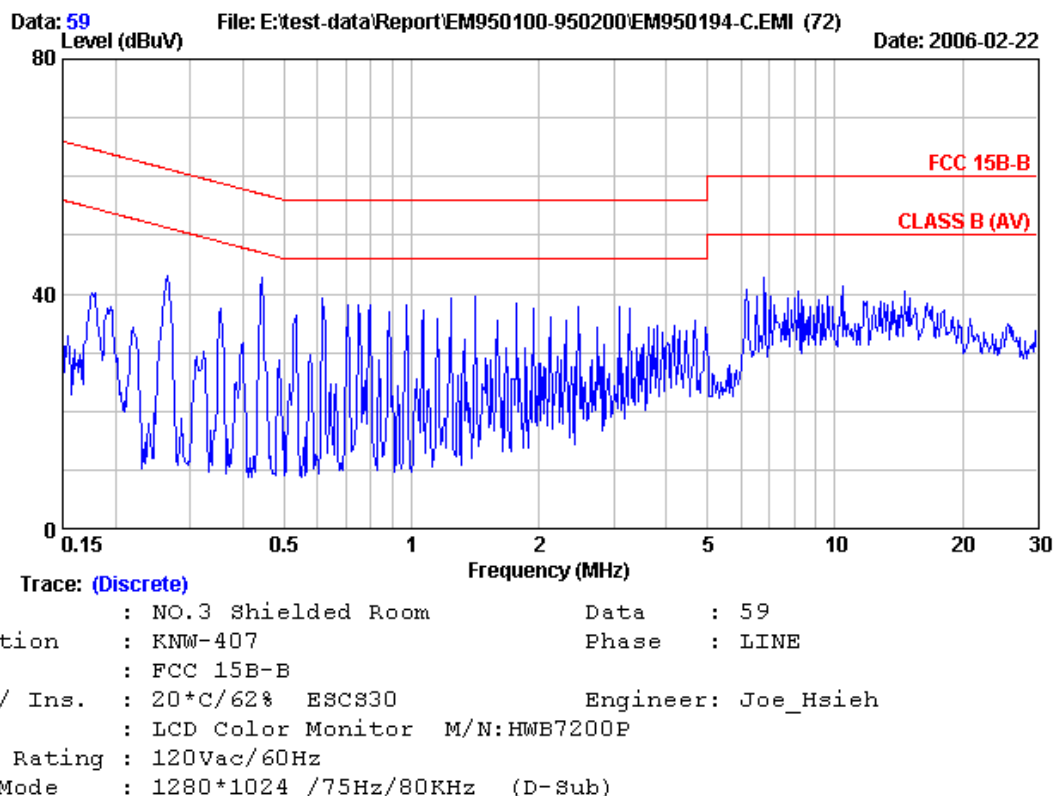
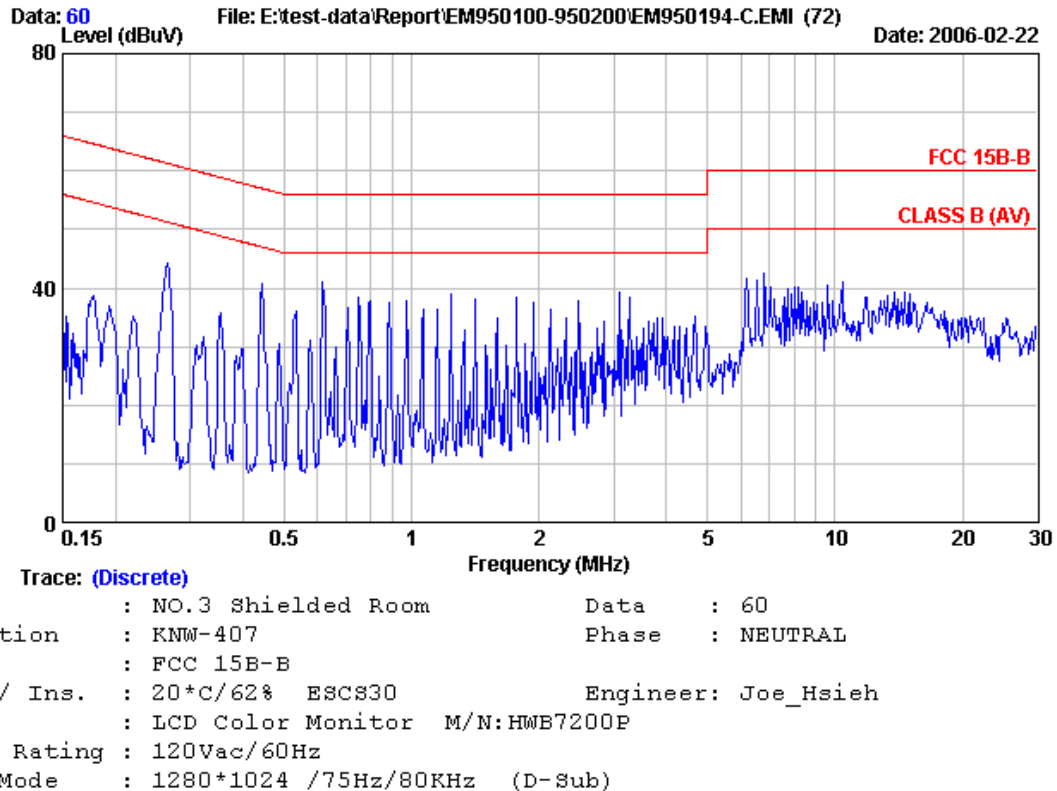


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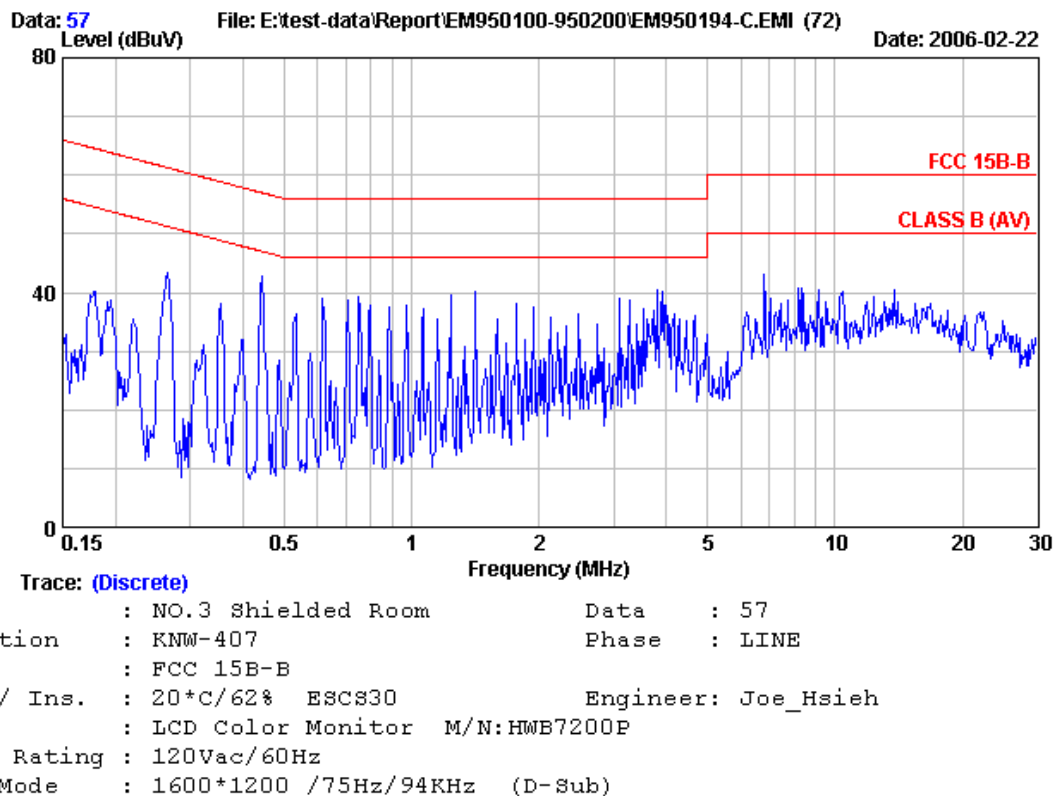
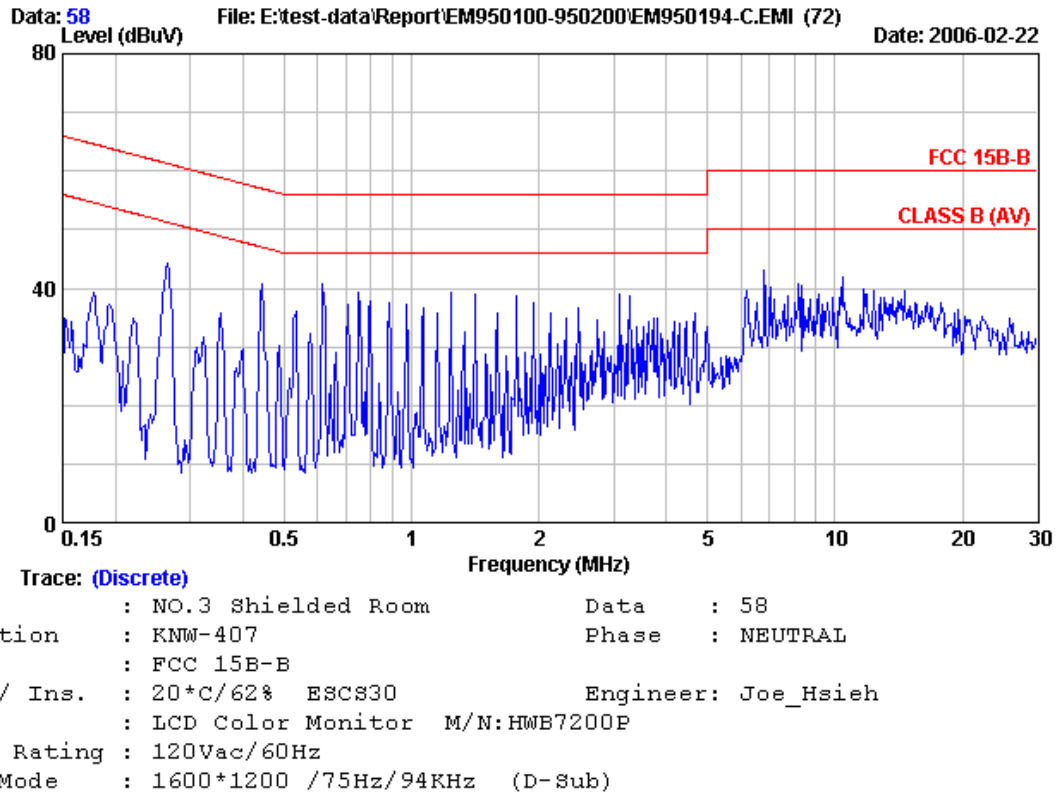


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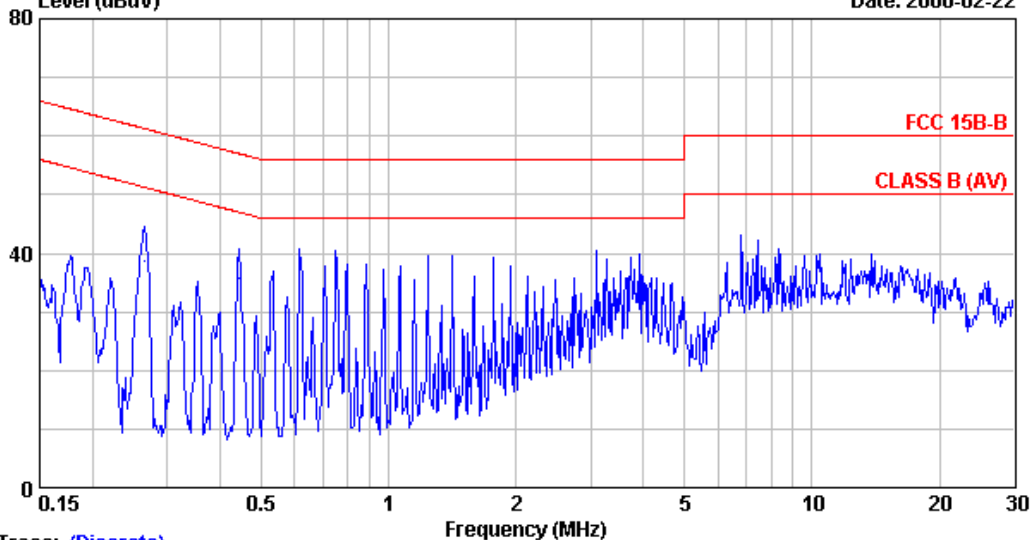
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Data: 56 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



Trace: (Discrete)
Site : NO.3 Shielded Room Data : 56
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (D-Sub)

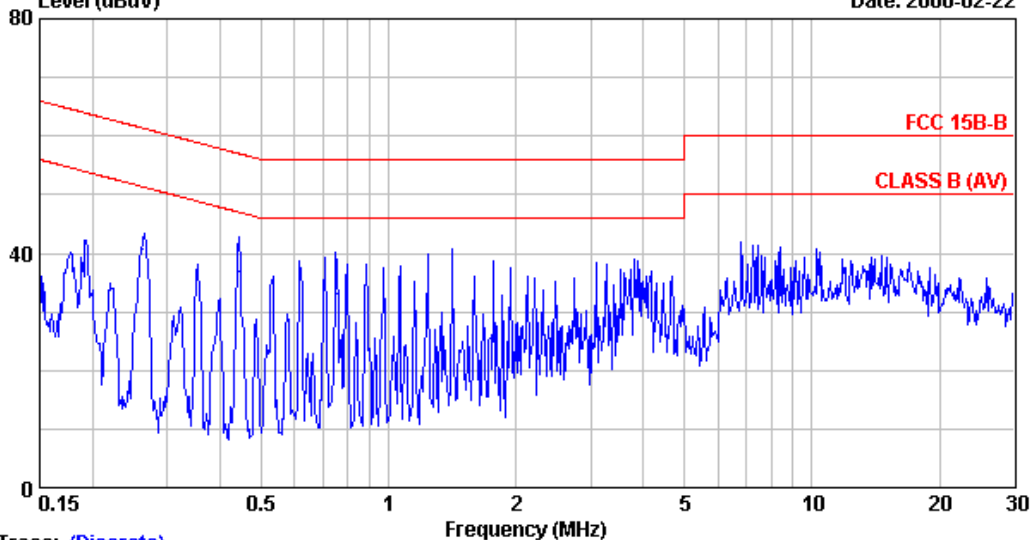
| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.264 | 0.16 | 0.20 | 38.23 | 38.59 | 61.29 | 22.70 | QP |
| 2 | 0.442 | 0.10 | 0.20 | 35.56 | 35.86 | 57.02 | 21.16 | QP |
| 3 | 0.617 | 0.10 | 0.20 | 35.38 | 35.68 | 56.00 | 20.32 | QP |
| 4 | 3.922 | 0.10 | 0.40 | 35.34 | 35.84 | 56.00 | 20.16 | QP |
| 5 | 6.805 | 0.10 | 0.60 | 38.52 | 39.22 | 60.00 | 20.78 | QP |
| 6 | 10.452 | 0.11 | 0.70 | 37.07 | 37.88 | 60.00 | 22.12 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:02-26092133 Fax:02-26099303
Email:ttemc@ttemc.com.tw

Data: 55 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



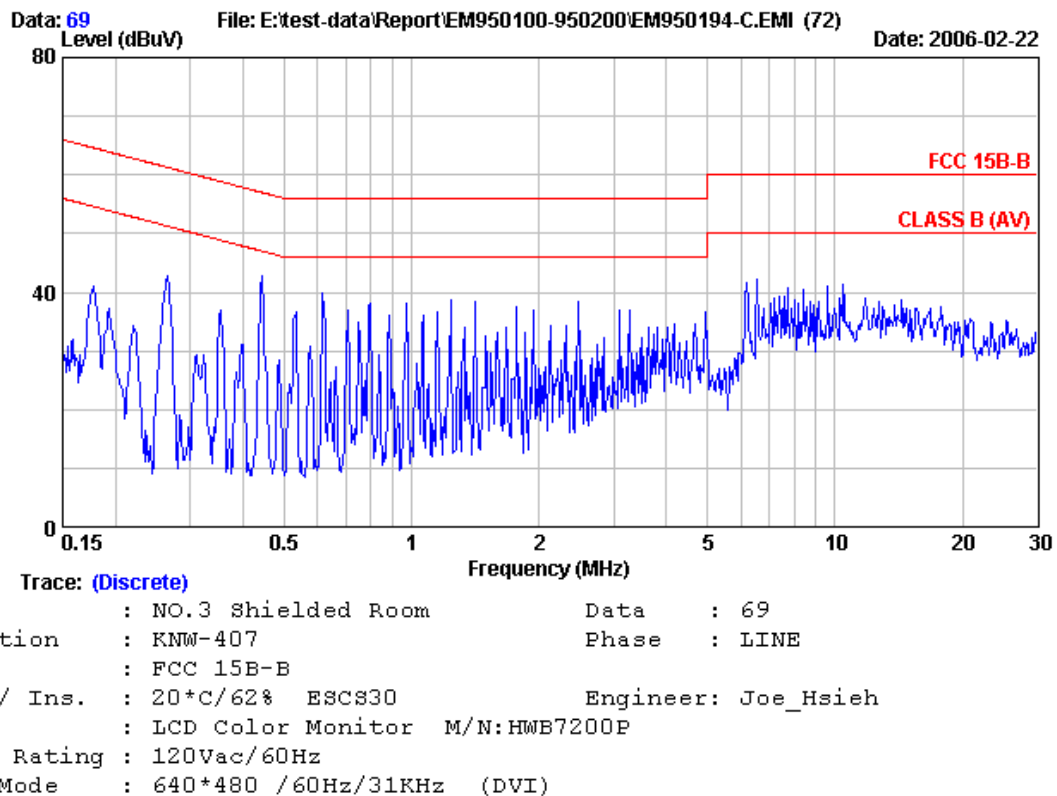
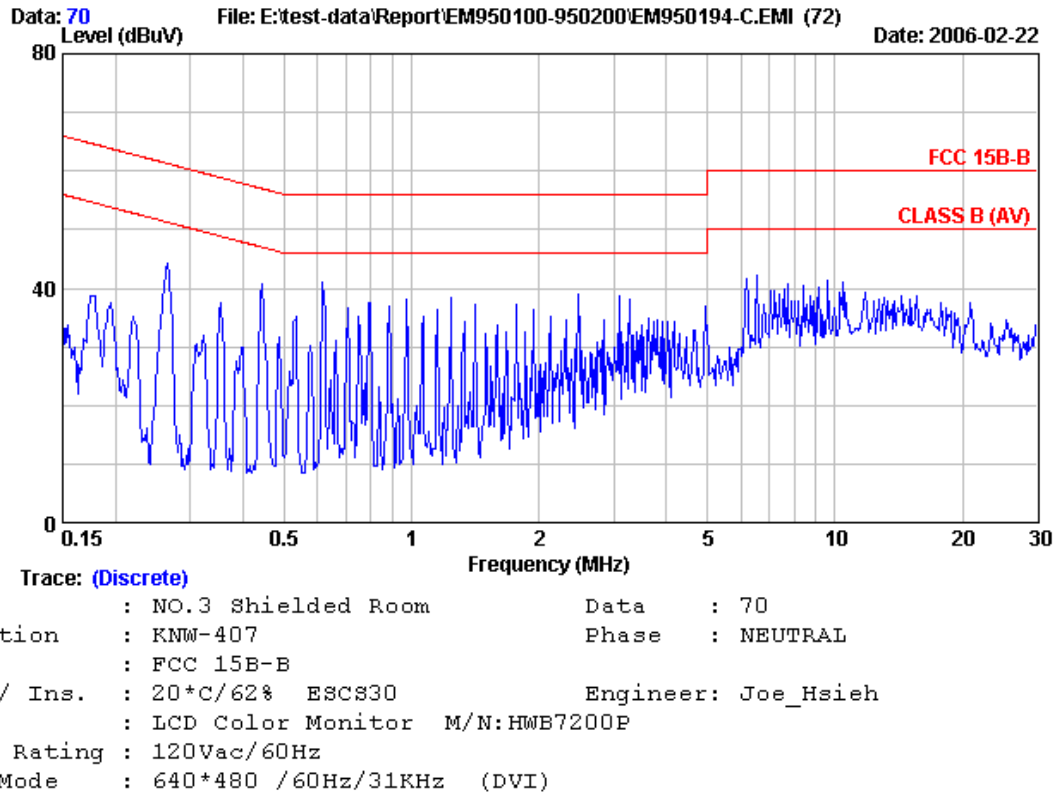
Trace: (Discrete)
Site : NO.3 Shielded Room Data : 55
Condition : KMW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (D-Sub)

| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.263 | 0.16 | 0.20 | 40.48 | 40.85 | 61.34 | 20.49 | QP |
| 2 | 0.442 | 0.10 | 0.20 | 36.52 | 36.82 | 57.02 | 20.20 | QP |
| 3 | 0.755 | 0.10 | 0.20 | 32.89 | 33.19 | 56.00 | 22.81 | QP |
| 4 | 3.799 | 0.10 | 0.40 | 34.54 | 35.04 | 56.00 | 20.96 | QP |
| 5 | 6.841 | 0.10 | 0.60 | 36.77 | 37.47 | 60.00 | 22.53 | QP |
| 6 | 10.288 | 0.11 | 0.70 | 36.01 | 36.82 | 60.00 | 23.18 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

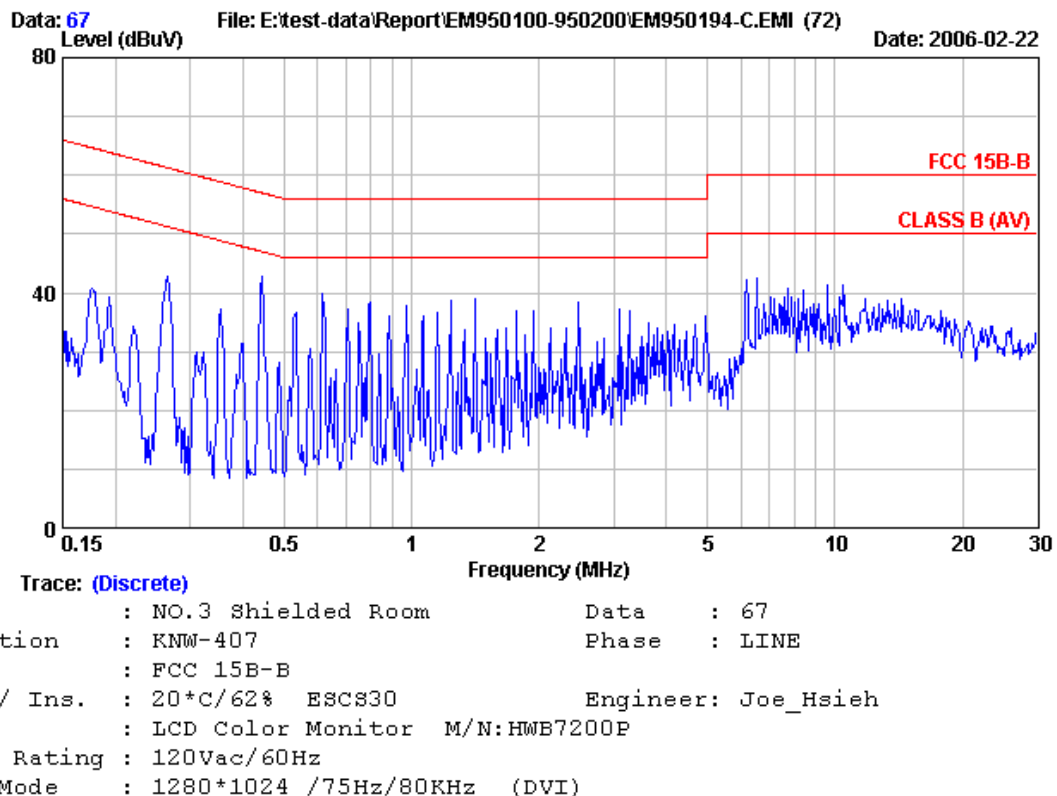
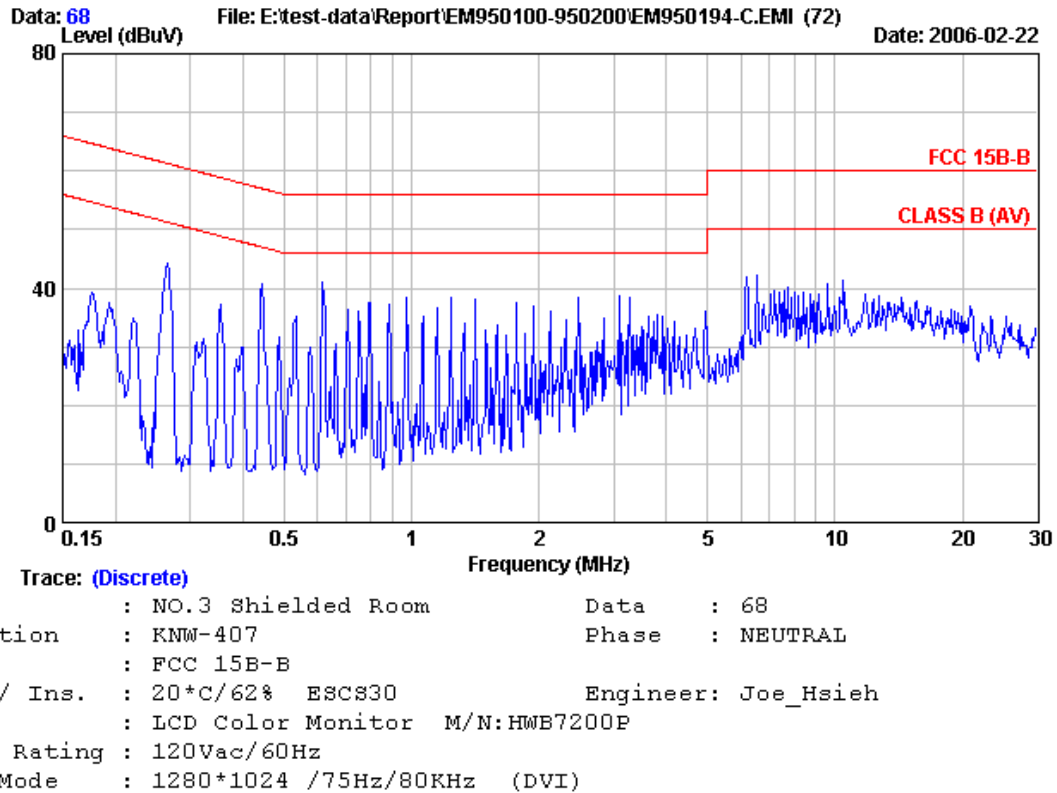


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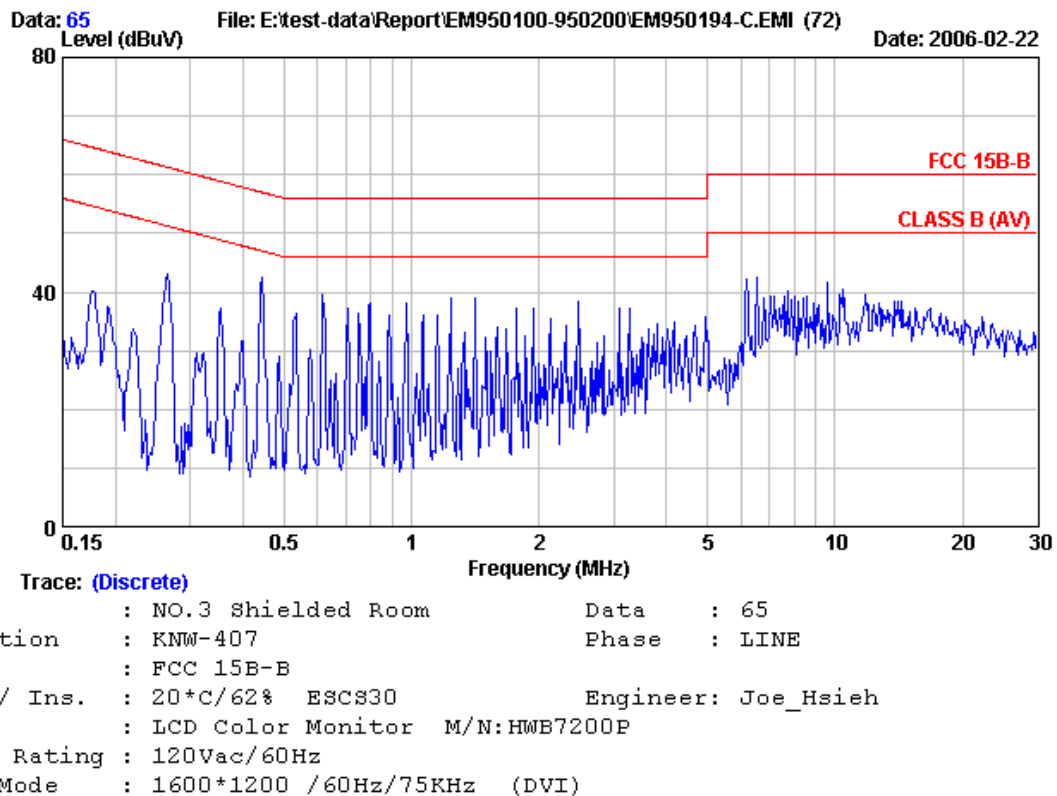
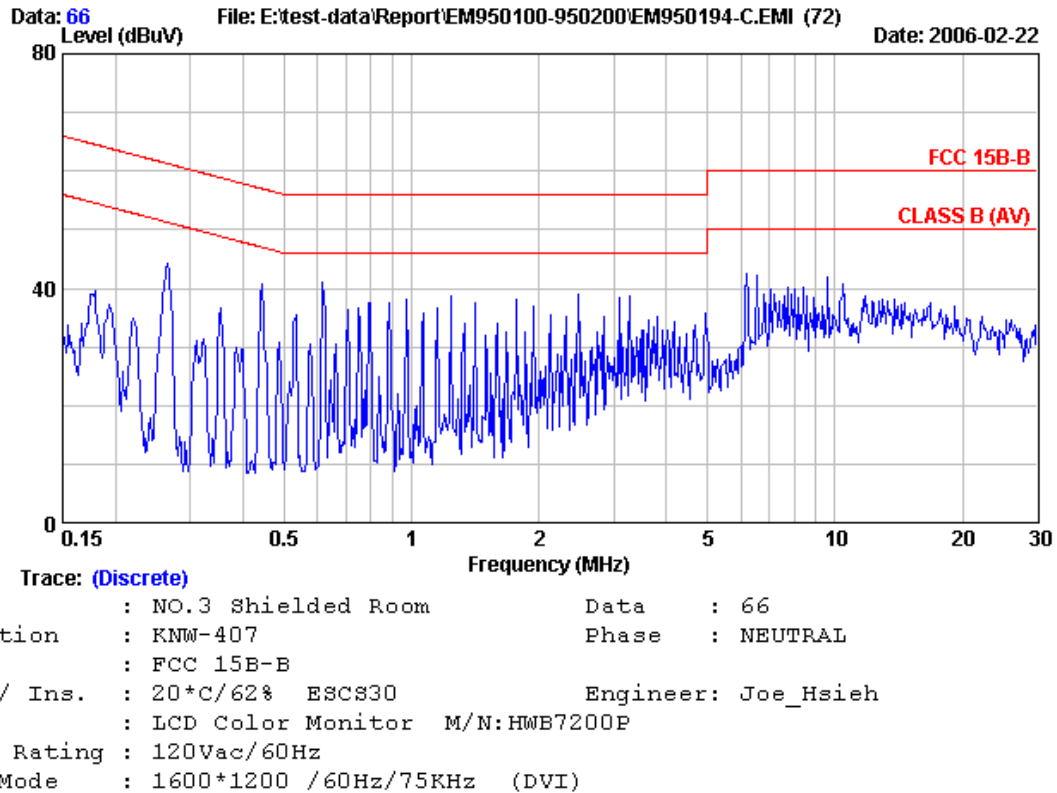


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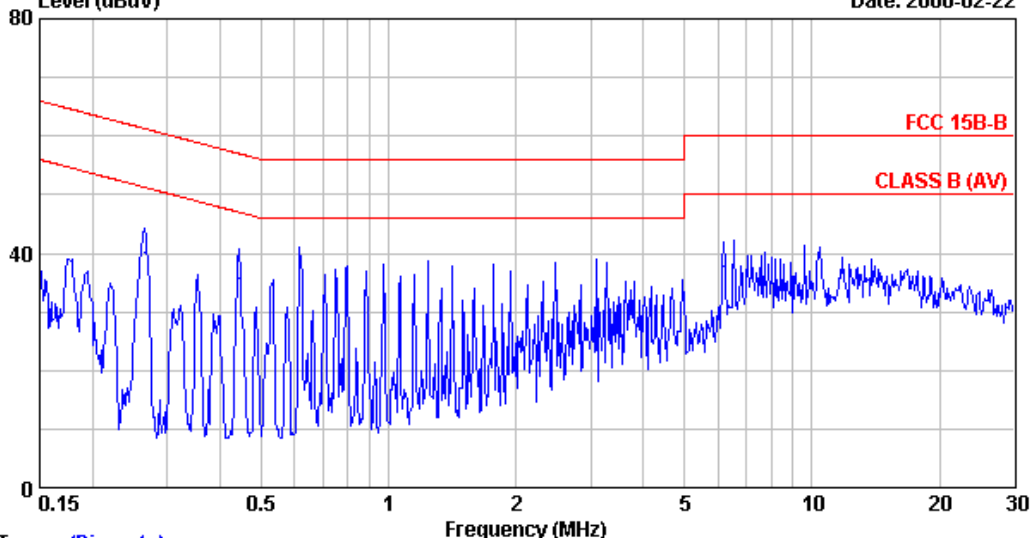
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Data: 64 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



Trace: (Discrete)
Site : NO.3 Shielded Room Data : 64
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (DVI)

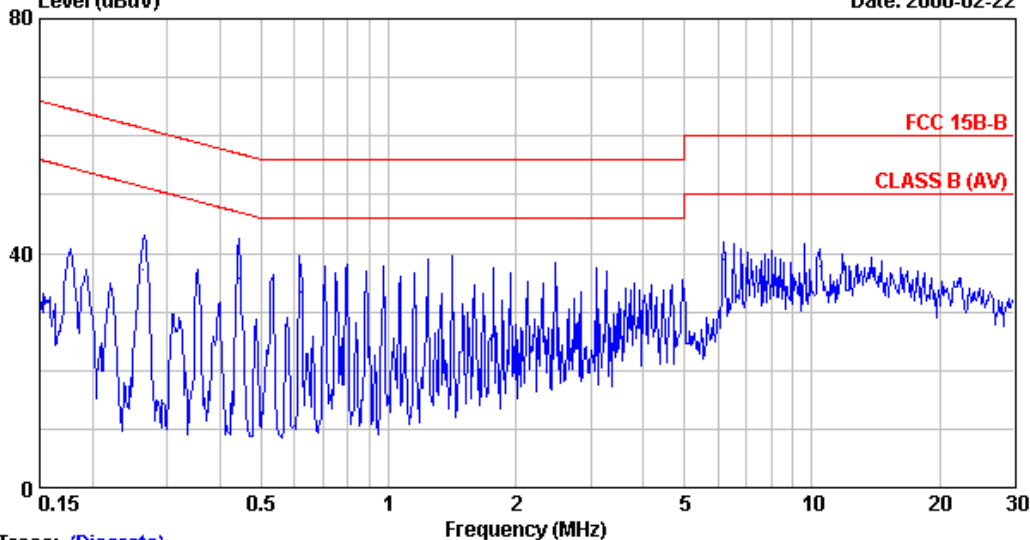
| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.266 | 0.16 | 0.20 | 39.83 | 40.19 | 61.25 | 21.06 | QP |
| 2 | 0.442 | 0.10 | 0.20 | 35.48 | 35.78 | 57.02 | 21.24 | QP |
| 3 | 0.617 | 0.10 | 0.20 | 34.77 | 35.07 | 56.00 | 20.93 | QP |
| 4 | 1.236 | 0.10 | 0.40 | 32.19 | 32.69 | 56.00 | 23.31 | QP |
| 5 | 3.090 | 0.10 | 0.40 | 34.37 | 34.87 | 56.00 | 21.13 | QP |
| 6 | 6.186 | 0.10 | 0.60 | 37.25 | 37.95 | 60.00 | 22.05 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Data: 63 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



Trace: (Discrete)
Site : NO.3 Shielded Room Data : 63
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (DVI)

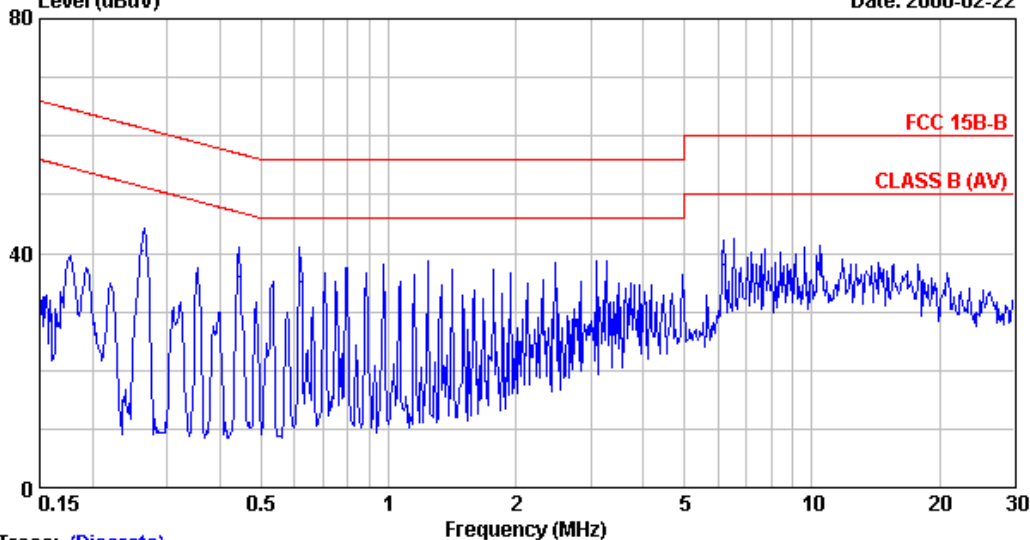
| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.263 | 0.16 | 0.20 | 37.00 | 37.36 | 61.34 | 23.98 | QP |
| 2 | 0.442 | 0.10 | 0.20 | 35.31 | 35.61 | 57.02 | 21.41 | QP |
| 3 | 0.621 | 0.10 | 0.20 | 32.98 | 33.28 | 56.00 | 22.73 | QP |
| 4 | 2.474 | 0.10 | 0.40 | 31.75 | 32.25 | 56.00 | 23.75 | QP |
| 5 | 6.186 | 0.10 | 0.60 | 38.18 | 38.88 | 60.00 | 21.12 | QP |
| 6 | 10.397 | 0.11 | 0.70 | 36.88 | 37.69 | 60.00 | 22.31 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Data: 72 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



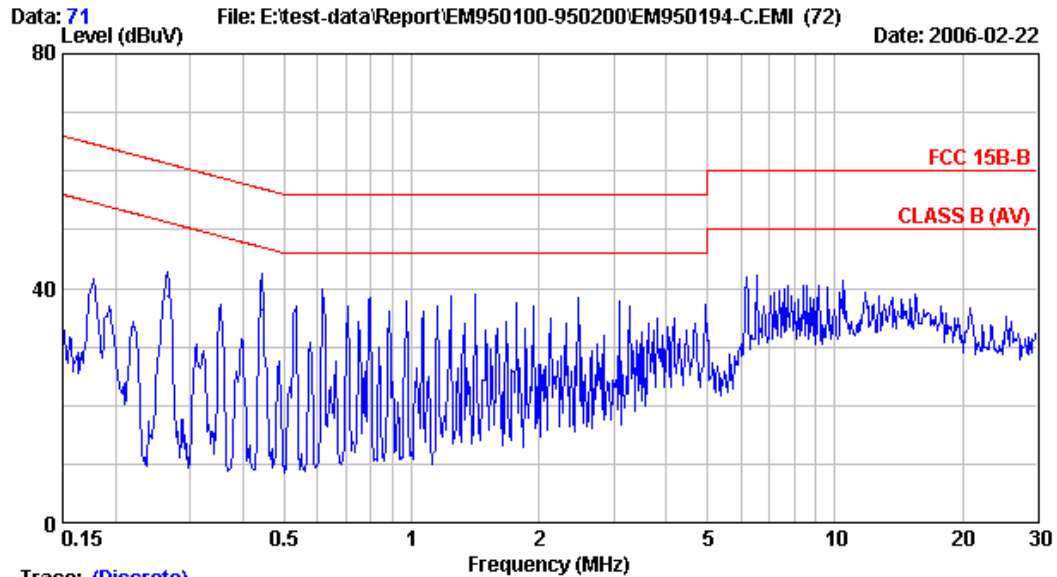
Trace: (Discrete)
Site : NO.3 Shielded Room Data : 72
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1050*1680 /60Hz (DVI) Rotate

| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.263 | 0.16 | 0.20 | 40.22 | 40.59 | 61.34 | 20.75 | QP |
| 2 | 0.442 | 0.10 | 0.20 | 35.63 | 35.93 | 57.02 | 21.09 | QP |
| 3 | 0.621 | 0.10 | 0.20 | 34.93 | 35.23 | 56.00 | 20.77 | QP |
| 4 | 3.090 | 0.10 | 0.40 | 34.06 | 34.56 | 56.00 | 21.44 | QP |
| 5 | 6.186 | 0.10 | 0.60 | 37.36 | 38.06 | 60.00 | 21.94 | QP |
| 6 | 10.452 | 0.11 | 0.70 | 36.42 | 37.23 | 60.00 | 22.77 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Trace: (Discrete)

Site : NO.3 Shielded Room Data : 71

Condition : KNW-407 Phase : LINE

Limit : FCC 15B-B

Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh

EUT : LCD Color Monitor M/N:HWB7200P

Power Rating : 120Vac/60Hz

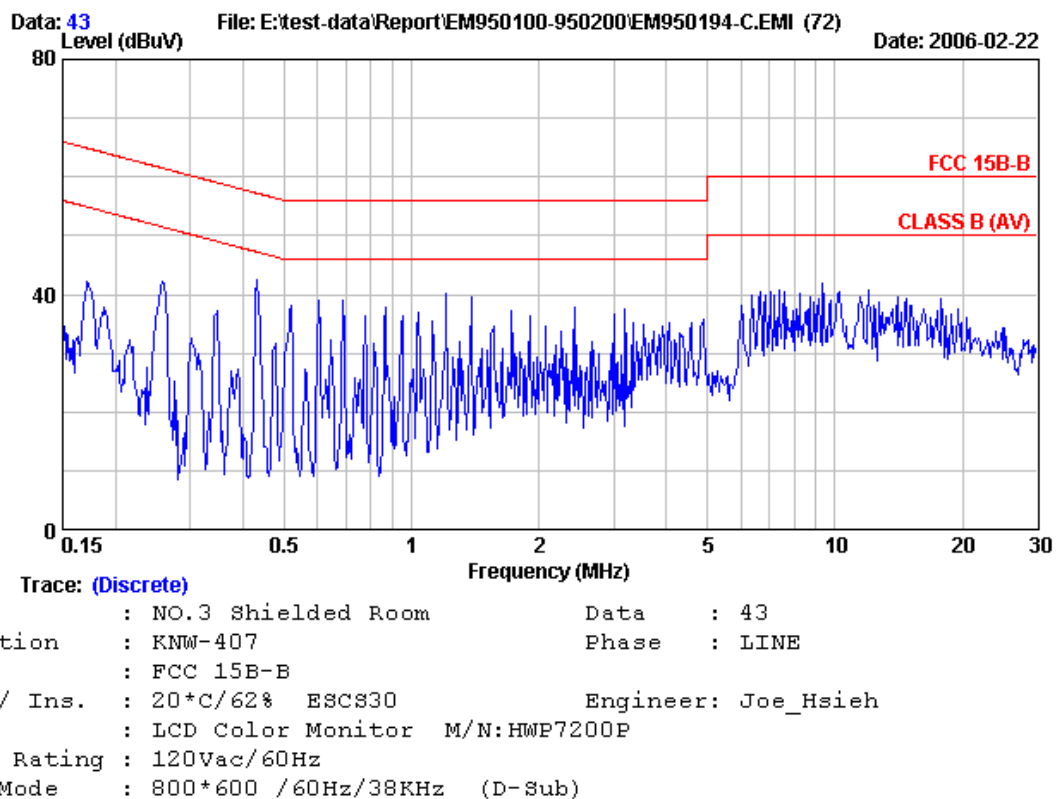
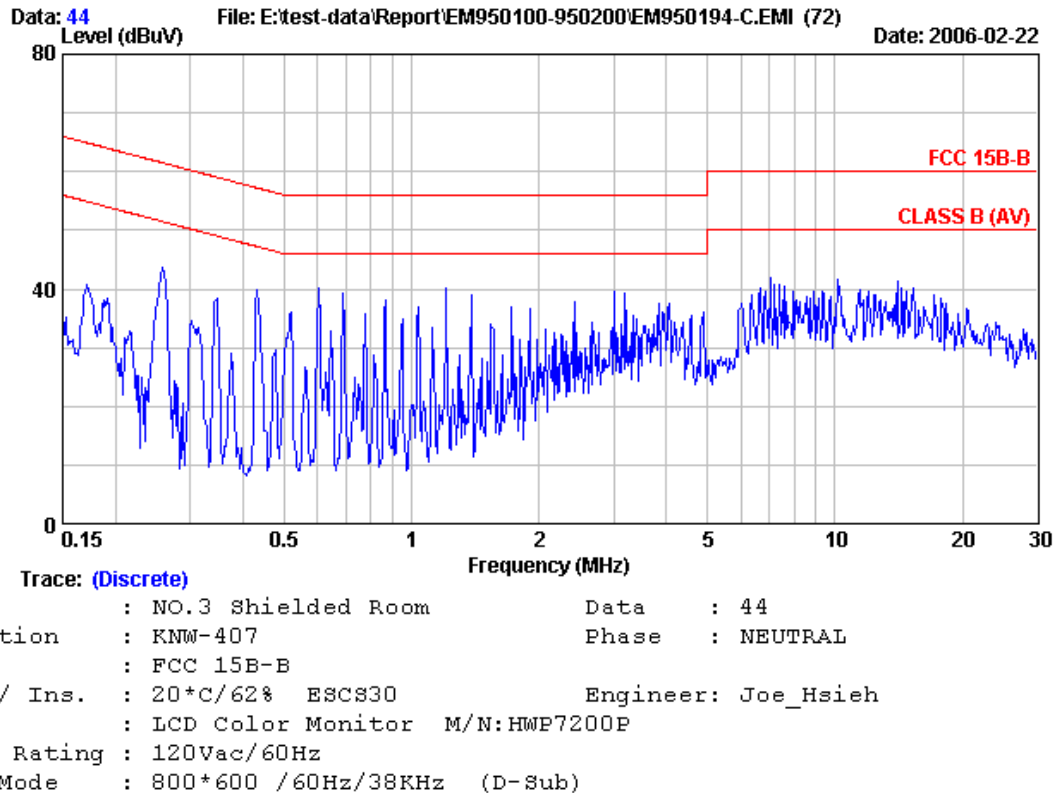
Test Mode : 1050*1680 /60Hz (DVI) Rotate

| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.264 | 0.16 | 0.20 | 38.41 | 38.77 | 61.29 | 22.52 | QP |
| 2 | 0.442 | 0.10 | 0.20 | 36.11 | 36.41 | 57.02 | 20.61 | QP |
| 3 | 0.617 | 0.10 | 0.20 | 35.51 | 35.81 | 56.00 | 20.19 | QP |
| 4 | 2.474 | 0.10 | 0.40 | 34.00 | 34.50 | 56.00 | 21.50 | QP |
| 5 | 6.557 | 0.10 | 0.60 | 37.62 | 38.32 | 60.00 | 21.68 | QP |
| 6 | 10.452 | 0.11 | 0.70 | 36.63 | 37.44 | 60.00 | 22.56 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

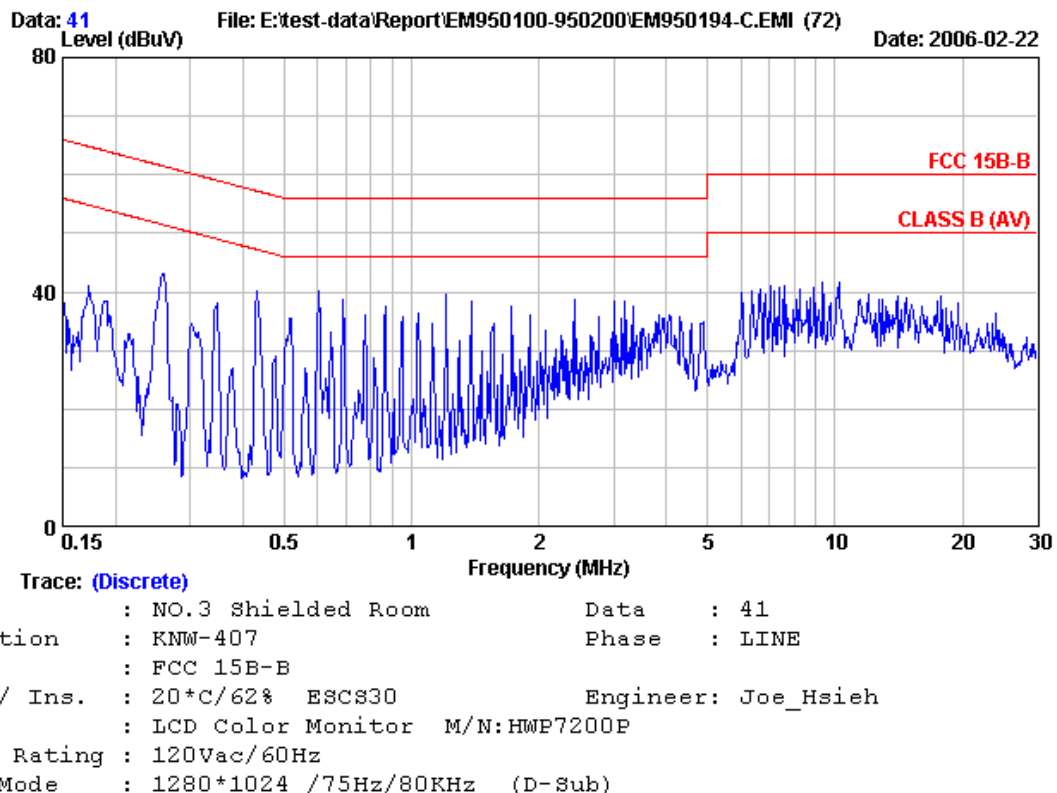
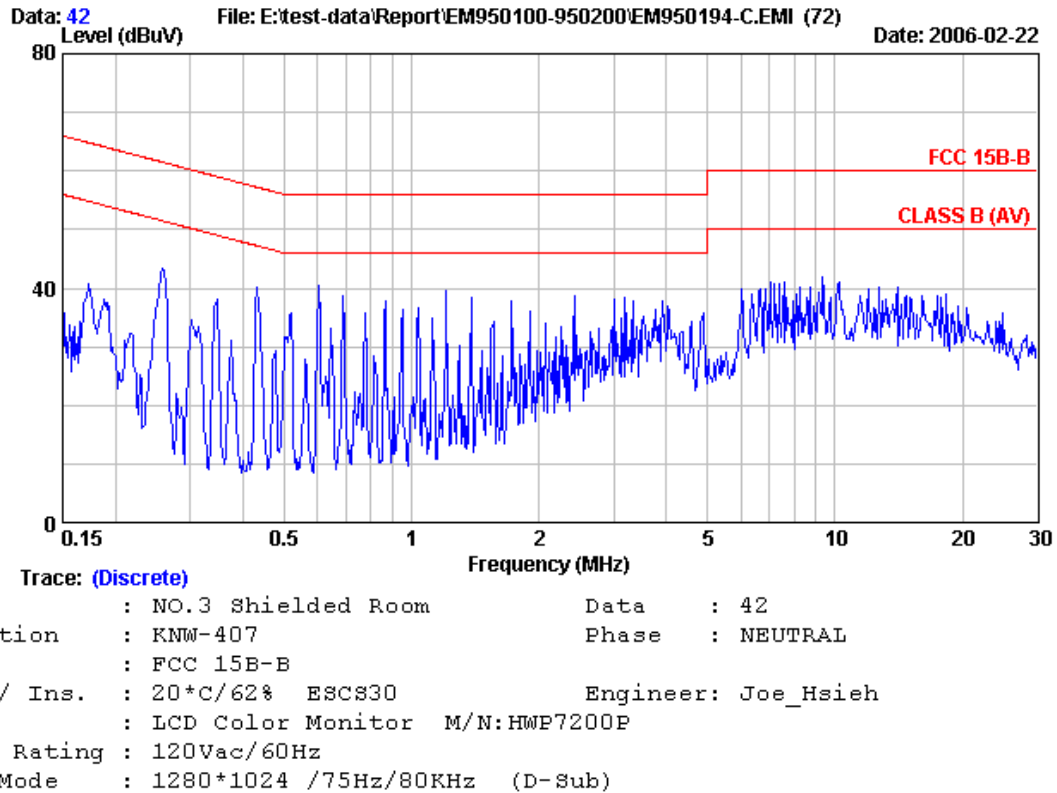


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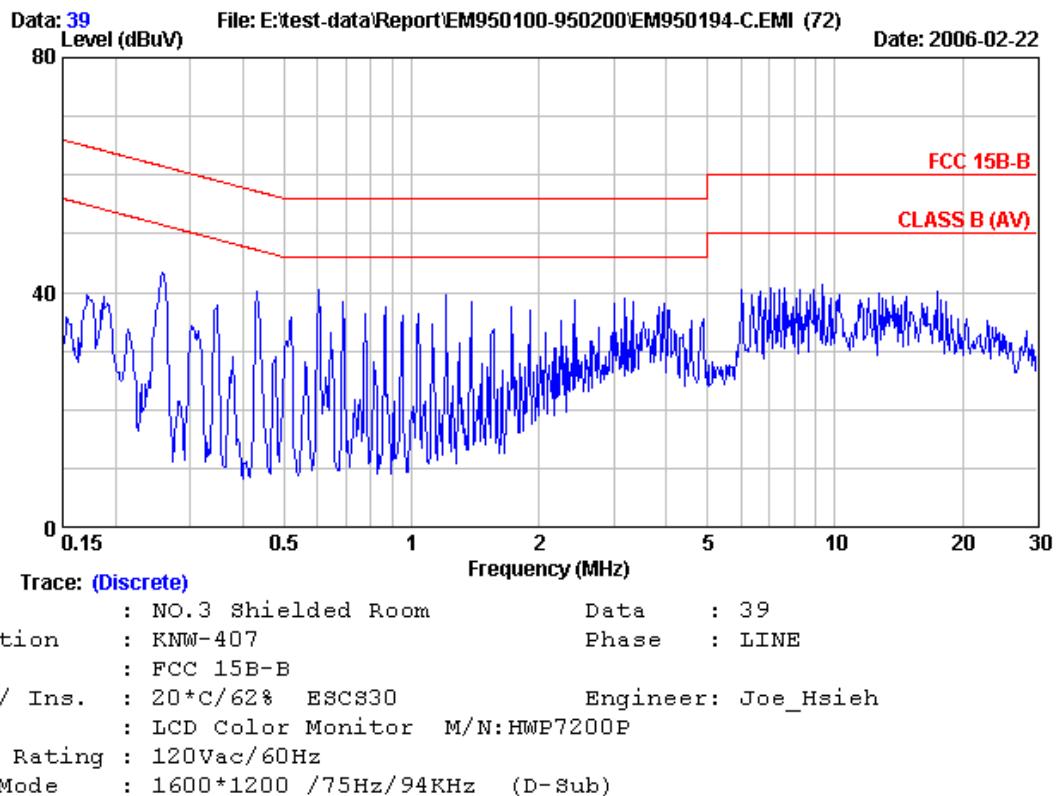
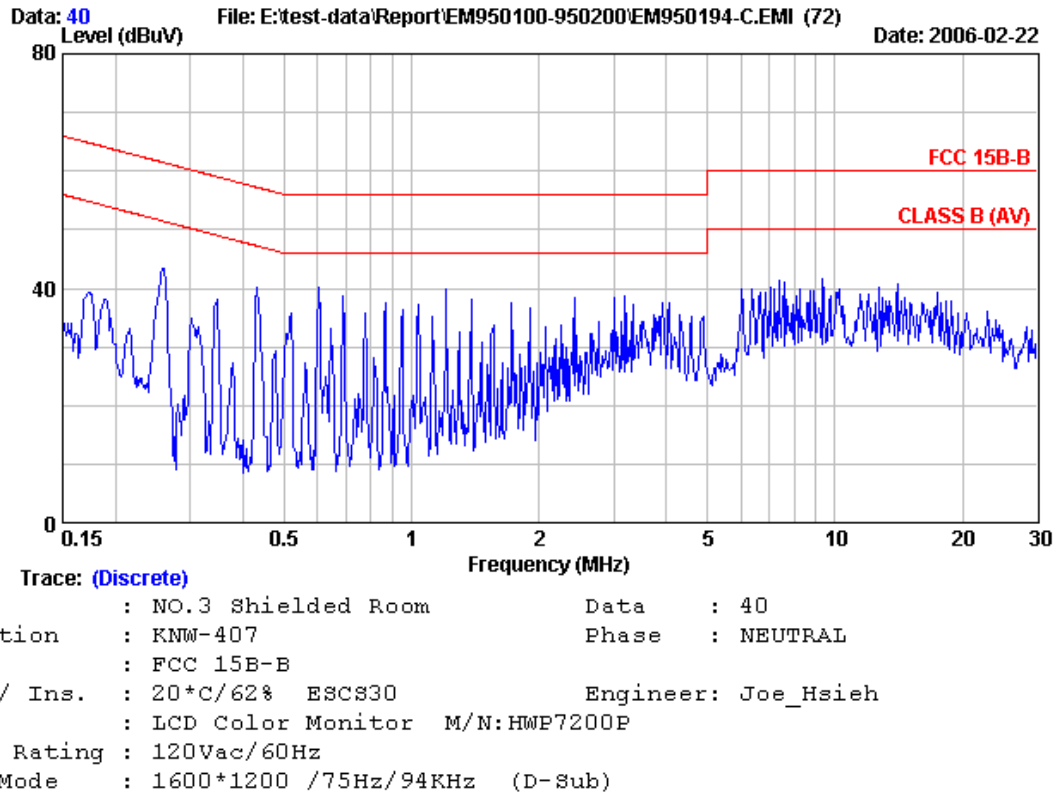


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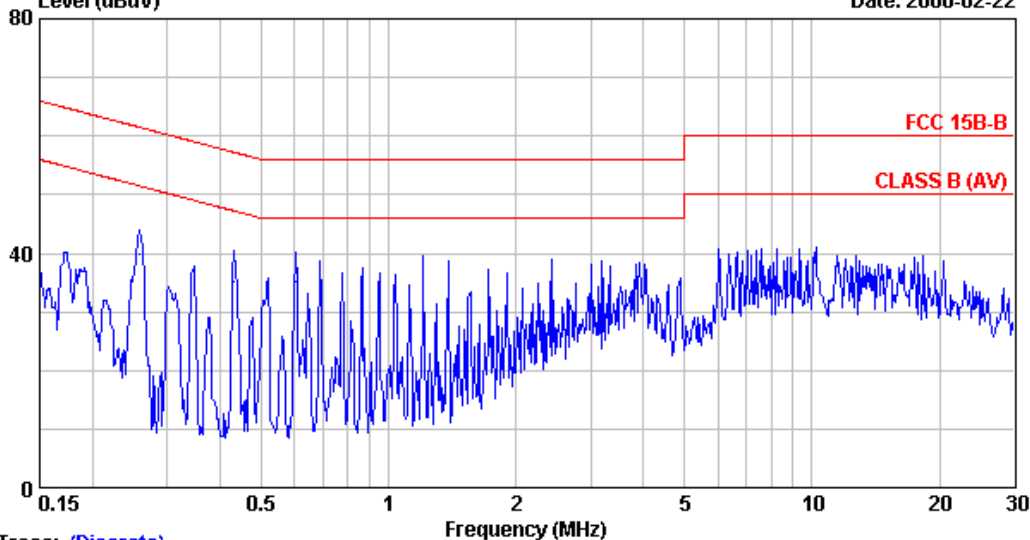
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Data: 38 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



Trace: (Discrete)
Site : NO.3 Shielded Room Data : 38
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (D-Sub)

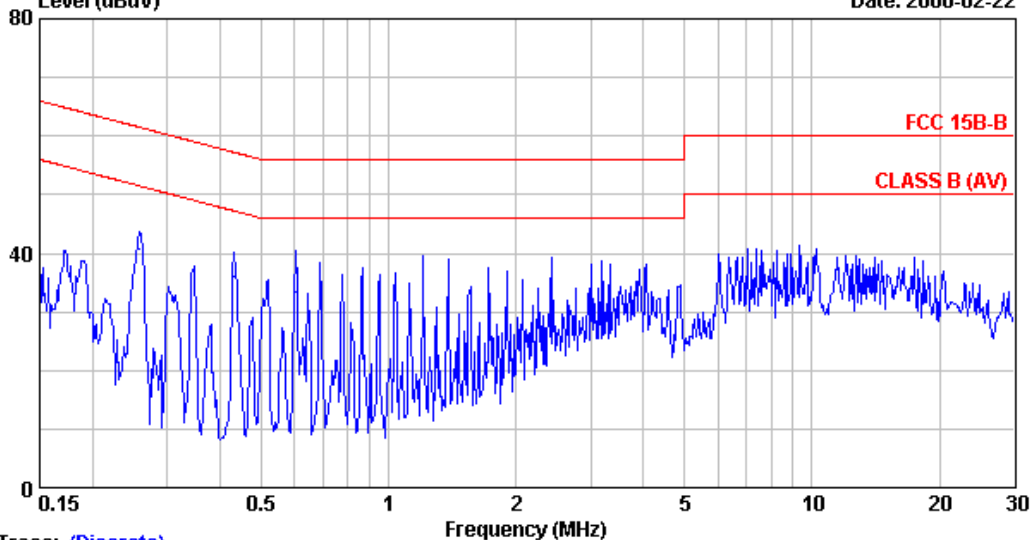
| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.258 | 0.16 | 0.20 | 39.47 | 39.83 | 61.51 | 21.68 | QP |
| 2 | 0.433 | 0.10 | 0.20 | 35.00 | 35.30 | 57.20 | 21.90 | QP |
| 3 | 0.604 | 0.10 | 0.20 | 34.96 | 35.26 | 56.00 | 20.74 | QP |
| 4 | 1.210 | 0.10 | 0.40 | 32.03 | 32.53 | 56.00 | 23.47 | QP |
| 5 | 4.027 | 0.10 | 0.60 | 34.44 | 35.14 | 56.00 | 20.86 | QP |
| 6 | 10.233 | 0.11 | 0.70 | 38.15 | 38.96 | 60.00 | 21.04 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Data: 37 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



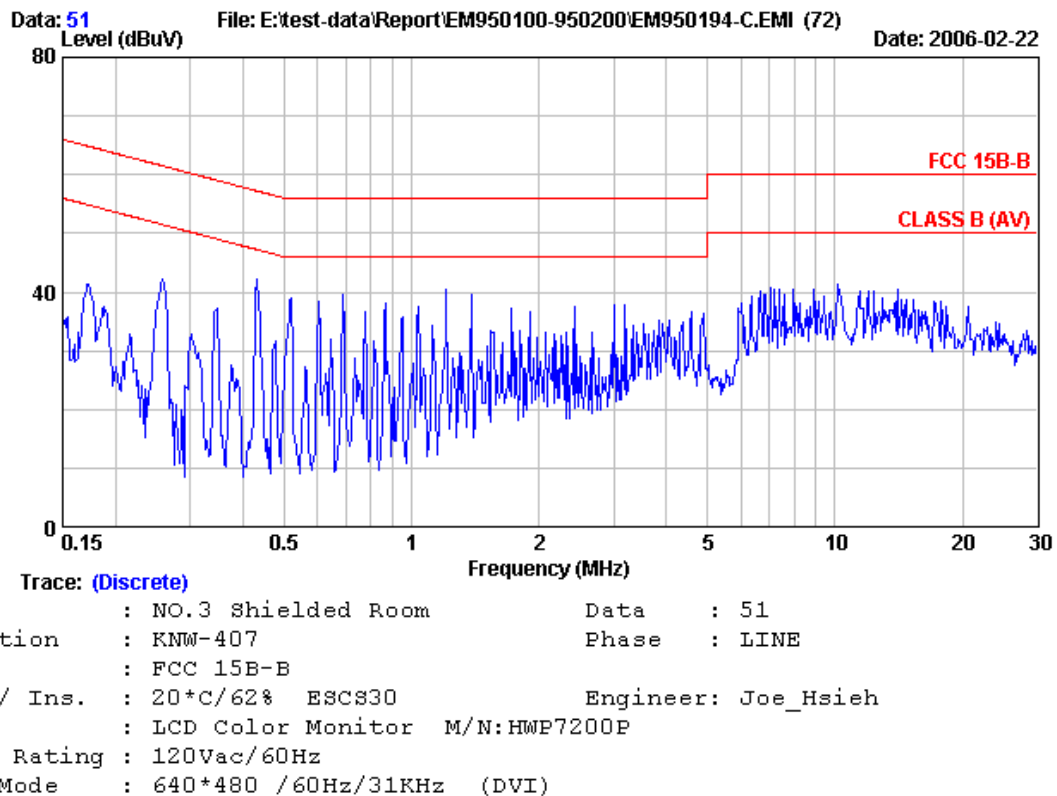
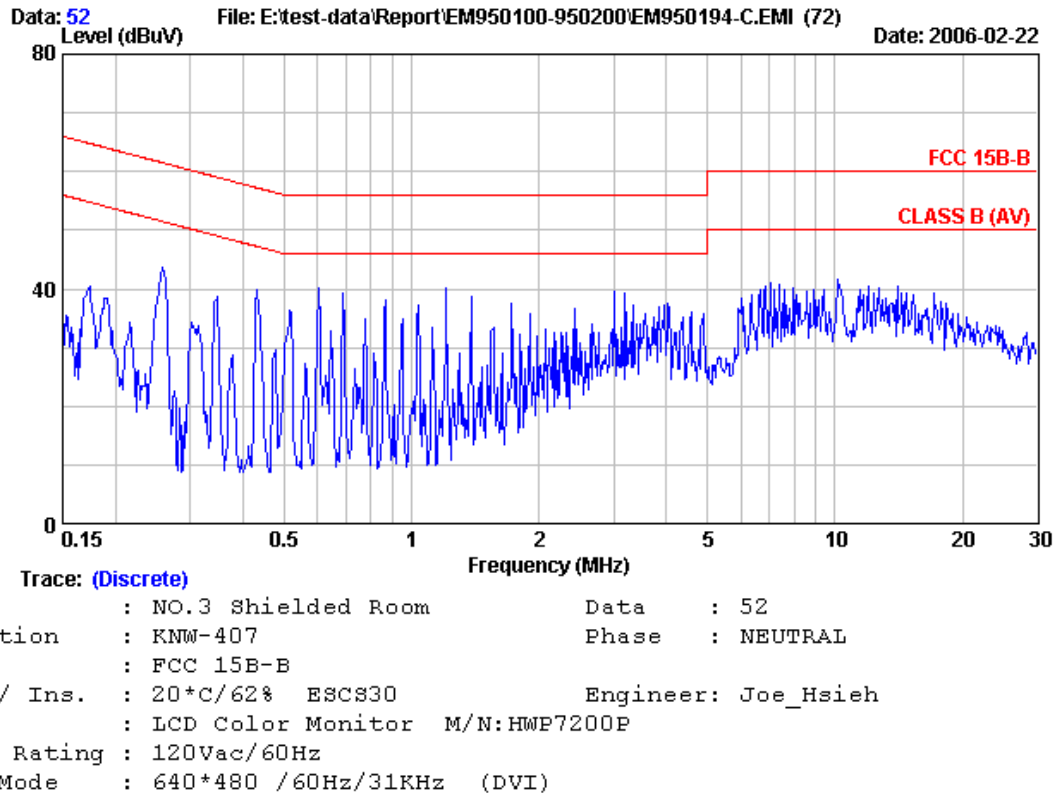
Trace: (Discrete)
Site : NO.3 Shielded Room Data : 37
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (D-Sub)

| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.258 | 0.16 | 0.20 | 40.23 | 40.59 | 61.51 | 20.92 | QP |
| 2 | 0.431 | 0.10 | 0.20 | 35.85 | 36.15 | 57.24 | 21.09 | QP |
| 3 | 0.604 | 0.10 | 0.20 | 33.02 | 33.32 | 56.00 | 22.68 | QP |
| 4 | 1.210 | 0.10 | 0.40 | 32.00 | 32.50 | 56.00 | 23.50 | QP |
| 5 | 4.049 | 0.10 | 0.60 | 34.28 | 34.98 | 56.00 | 21.02 | QP |
| 6 | 10.233 | 0.11 | 0.70 | 37.83 | 38.64 | 60.00 | 21.36 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

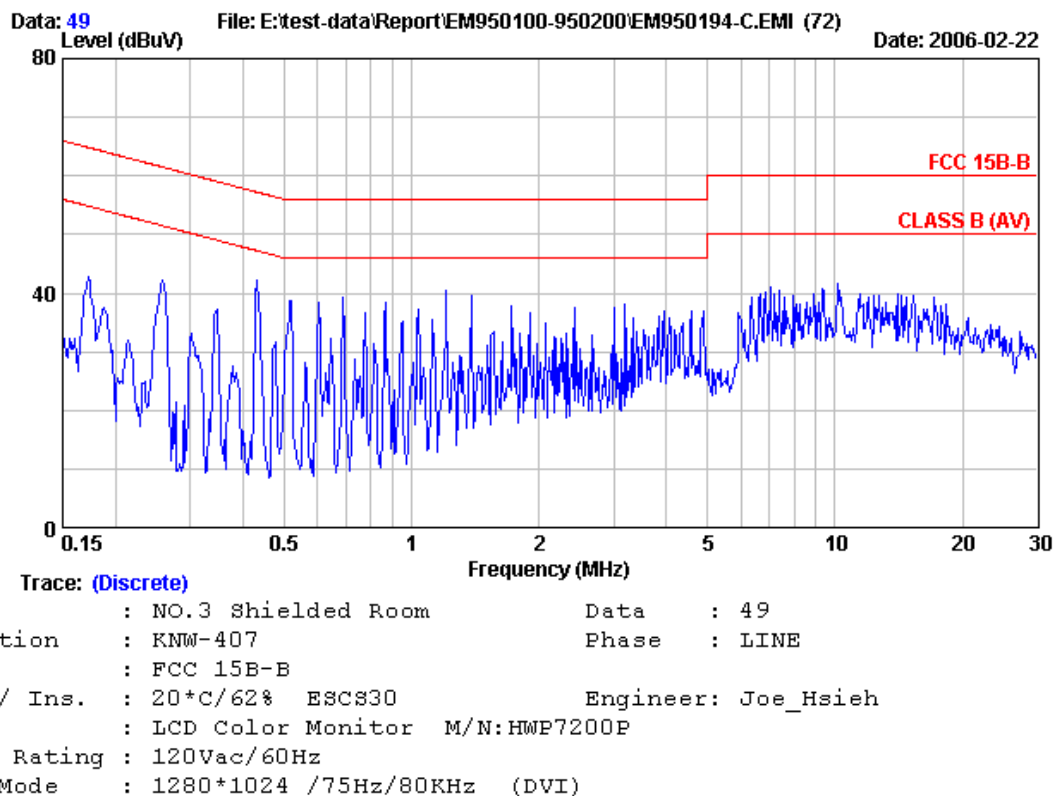
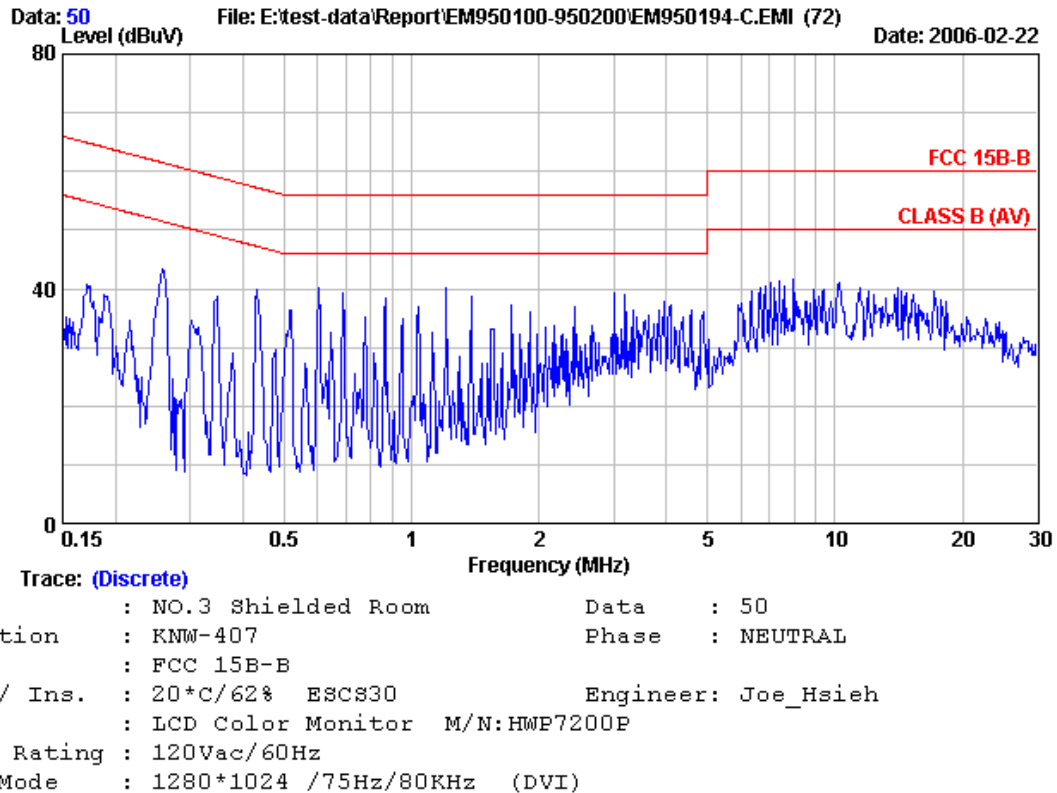


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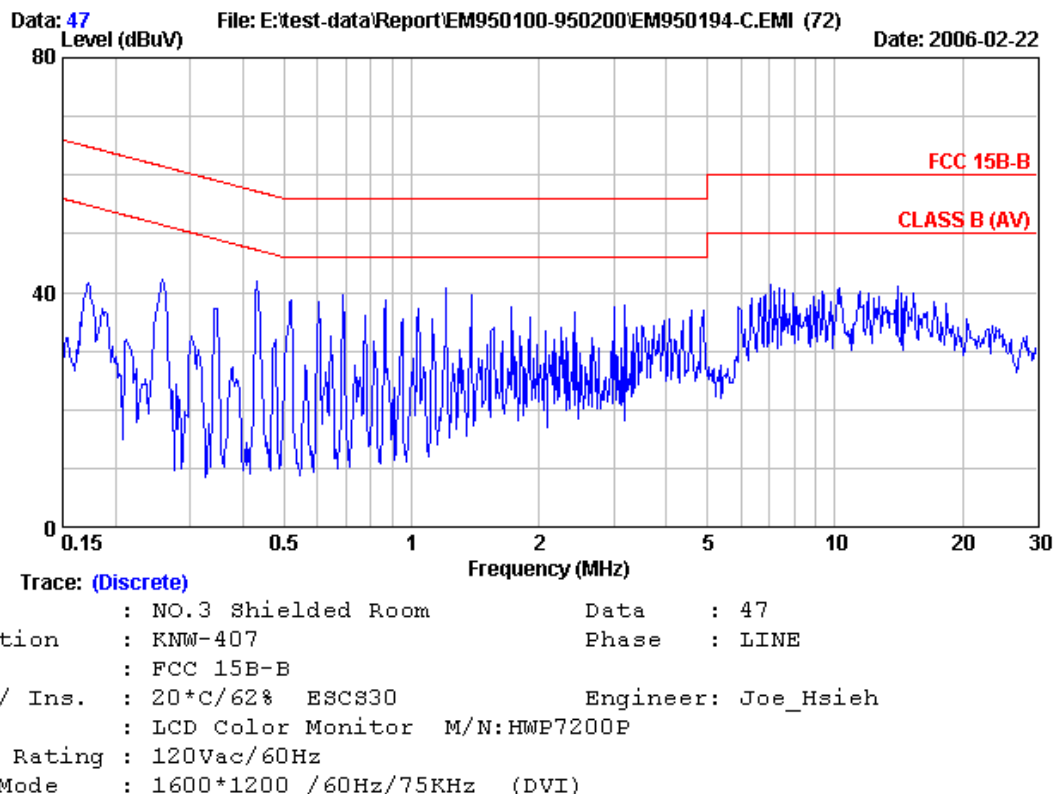
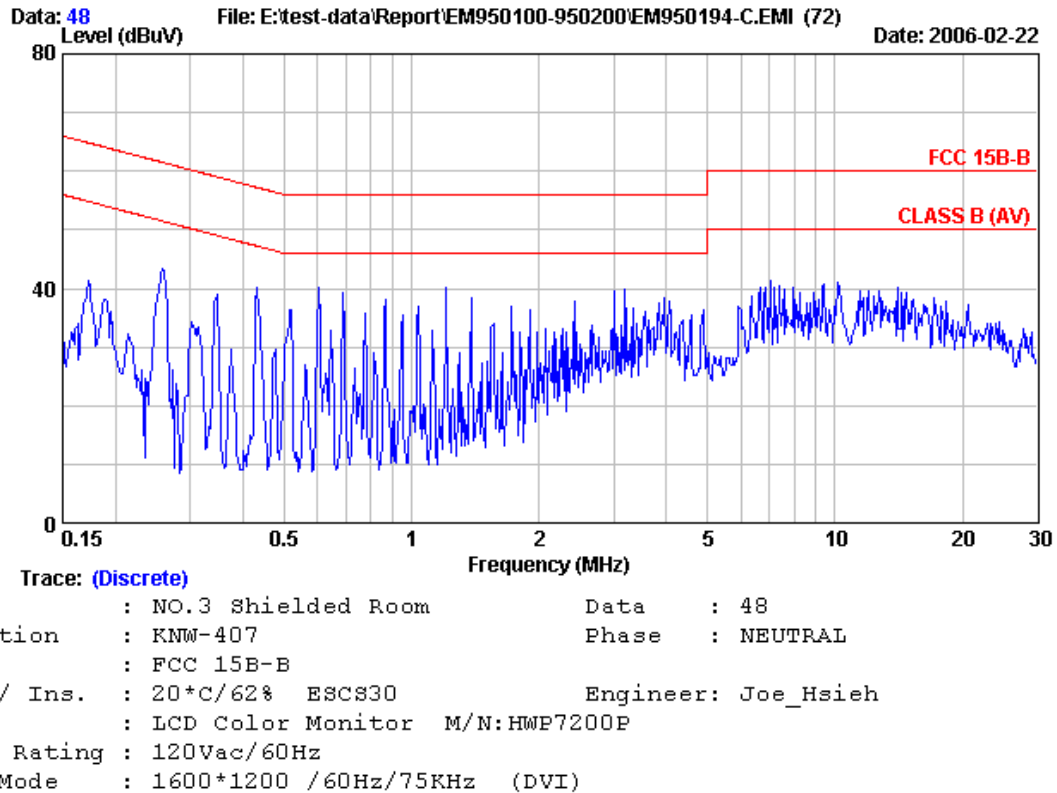


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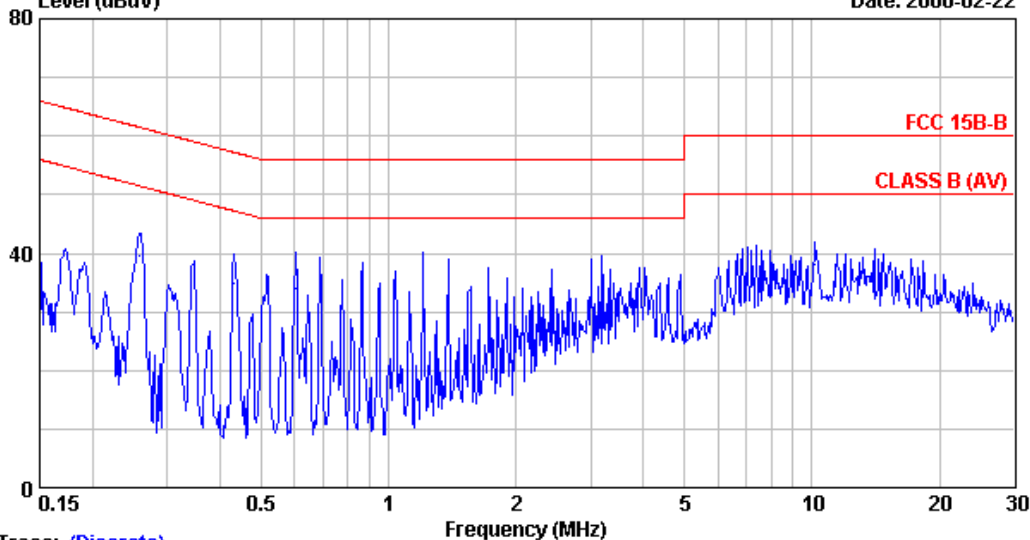
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Data: 46 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



Trace: (Discrete)
Site : NO.3 Shielded Room Data : 46
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (DVI)

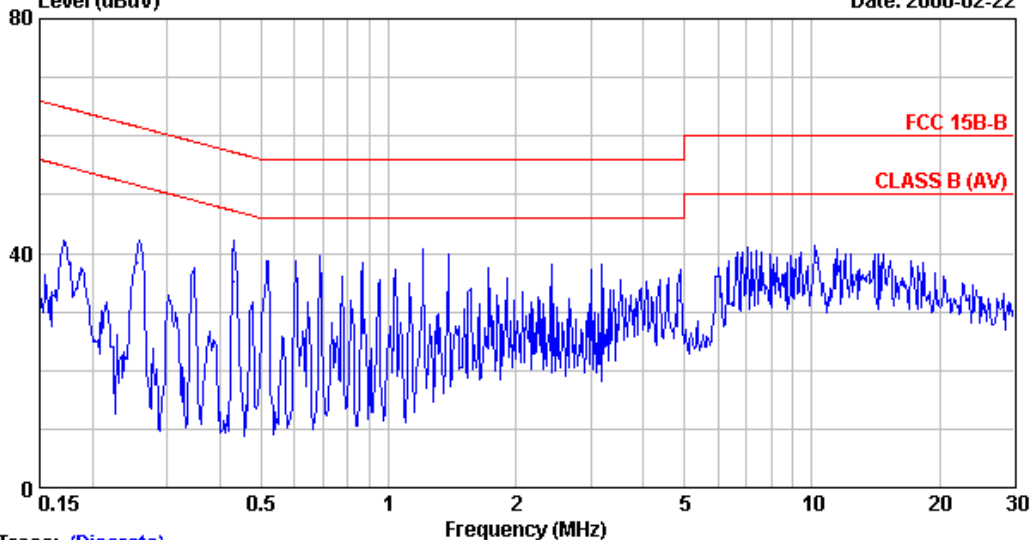
| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.258 | 0.16 | 0.20 | 39.12 | 39.48 | 61.51 | 22.03 | QP |
| 2 | 0.433 | 0.10 | 0.20 | 34.43 | 34.73 | 57.20 | 22.47 | QP |
| 3 | 0.604 | 0.10 | 0.20 | 33.79 | 34.09 | 56.00 | 21.91 | QP |
| 4 | 1.210 | 0.10 | 0.40 | 32.67 | 33.17 | 56.00 | 22.83 | QP |
| 5 | 3.190 | 0.10 | 0.40 | 33.97 | 34.47 | 56.00 | 21.53 | QP |
| 6 | 10.179 | 0.10 | 0.70 | 37.27 | 38.07 | 60.00 | 21.93 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Data: 45 File: E:\test-data\Report\EM950100-950200\EM950194-C.EMI (72) Date: 2006-02-22



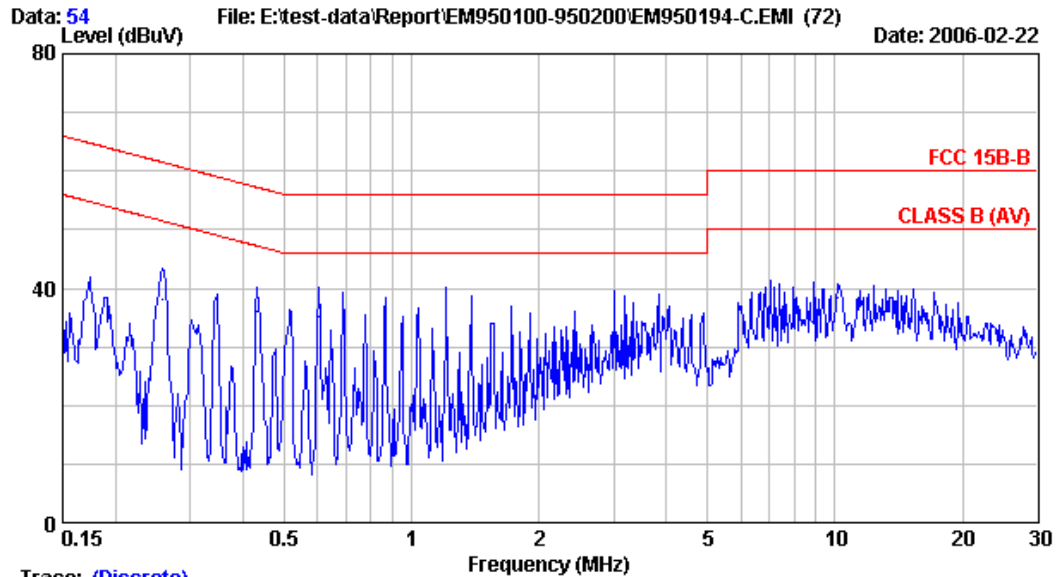
Trace: (Discrete)
Site : NO.3 Shielded Room Data : 45
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050 /60Hz/66KHz (DVI)

| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.256 | 0.16 | 0.20 | 37.93 | 38.29 | 61.56 | 23.27 | QP |
| 2 | 0.433 | 0.10 | 0.20 | 34.99 | 35.29 | 57.20 | 21.91 | QP |
| 3 | 0.690 | 0.10 | 0.20 | 35.13 | 35.43 | 56.00 | 20.57 | QP |
| 4 | 1.210 | 0.10 | 0.40 | 33.27 | 33.77 | 56.00 | 22.23 | QP |
| 5 | 4.848 | 0.10 | 0.60 | 31.19 | 31.89 | 56.00 | 24.11 | QP |
| 6 | 10.233 | 0.11 | 0.70 | 37.69 | 38.50 | 60.00 | 21.50 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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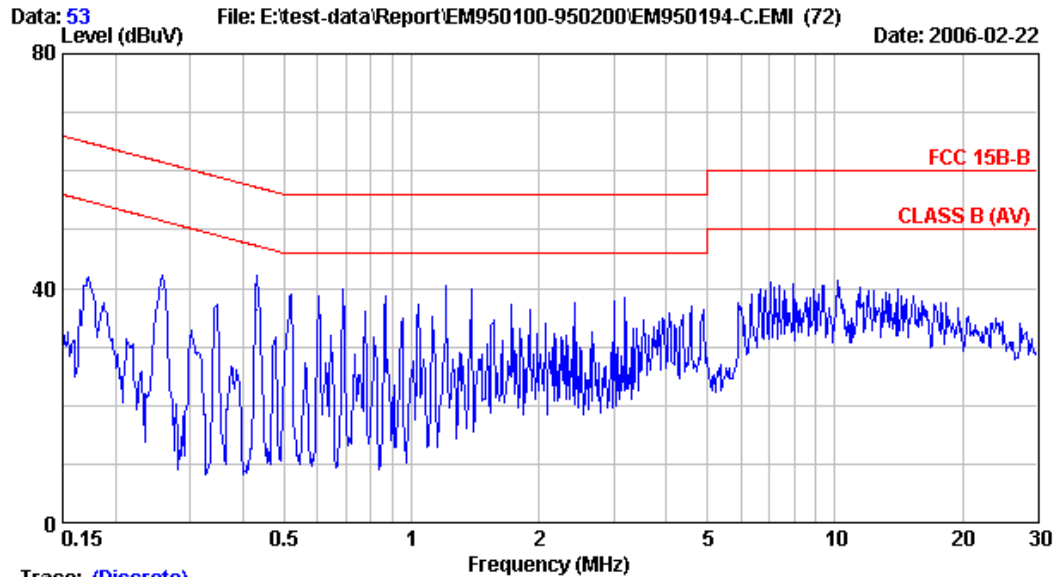
Site : NO.3 Shielded Room Data : 54
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1050*1680 /60Hz (DVI) Rotate

| | | LISN | Cable | | Emission | | | |
|-------|--------|------|--------------|--------------|--------------|--------|--------|----|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB) | (dB) | (dB μ V) | (dB μ V) | (dB μ V) | (dB) | | |
| 1 | 0.259 | 0.16 | 0.20 | 37.85 | 38.21 | 61.47 | 23.26 | QP |
| 2 | 0.433 | 0.10 | 0.20 | 35.87 | 36.17 | 57.20 | 21.03 | QP |
| 3 | 0.604 | 0.10 | 0.20 | 34.85 | 35.15 | 56.00 | 20.85 | QP |
| 4 | 1.210 | 0.10 | 0.40 | 39.77 | 40.27 | 56.00 | 15.73 | QP |
| 5 | 3.025 | 0.10 | 0.40 | 33.10 | 33.60 | 56.00 | 22.40 | QP |
| 6 | 10.179 | 0.10 | 0.70 | 37.59 | 38.39 | 60.00 | 21.61 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Site : NO.3 Shielded Room Data : 53
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 20°C/62% ESCS30 Engineer: Joe_Hsieh
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1050*1680 /60Hz (DVI) Rotate

| | Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dB μ V) | Emission Level (dB μ V) | Limits (dB μ V) | Margin (dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------------|-----------------------------------|------------------------|----------------|--------|
| 1 | 0.259 | 0.16 | 0.20 | 39.44 | 39.81 | 61.47 | 21.66 | QP |
| 2 | 0.431 | 0.10 | 0.20 | 35.98 | 36.28 | 57.24 | 20.97 | QP |
| 3 | 0.690 | 0.10 | 0.20 | 34.45 | 34.75 | 56.00 | 21.25 | QP |
| 4 | 1.210 | 0.10 | 0.40 | 34.94 | 35.44 | 56.00 | 20.56 | QP |
| 5 | 3.190 | 0.10 | 0.40 | 32.87 | 33.37 | 56.00 | 22.63 | QP |
| 6 | 10.179 | 0.10 | 0.70 | 37.81 | 38.62 | 60.00 | 21.39 | QP |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipment was used during the radiated emission measurement :

3.1.1. For 30MHz~1000MHz Frequency (At No. 4 Open Area Test Site)

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|----------------------|--------------|-----------|------------|--------------|--------------|
| 1. | Spectrum Analyzer | HP | 8590L | 3924A01446 | N/A | N/A |
| 2. | Test Receiver | R & S | ESVS10 | 845165/018 | Jun. 08, 05' | Jun. 08, 06' |
| 3. | Amplifier | HP | 8447D | 2727A05737 | N/A | N/A |
| 4. | Biconical Antenna | Chase | VBA6106A | 1231 | Nov. 12, 05' | Nov. 11, 06' |
| 5. | Log Periodic Antenna | Chase | UPA6109 | 1020 | Nov. 12, 05' | Nov. 11, 06' |

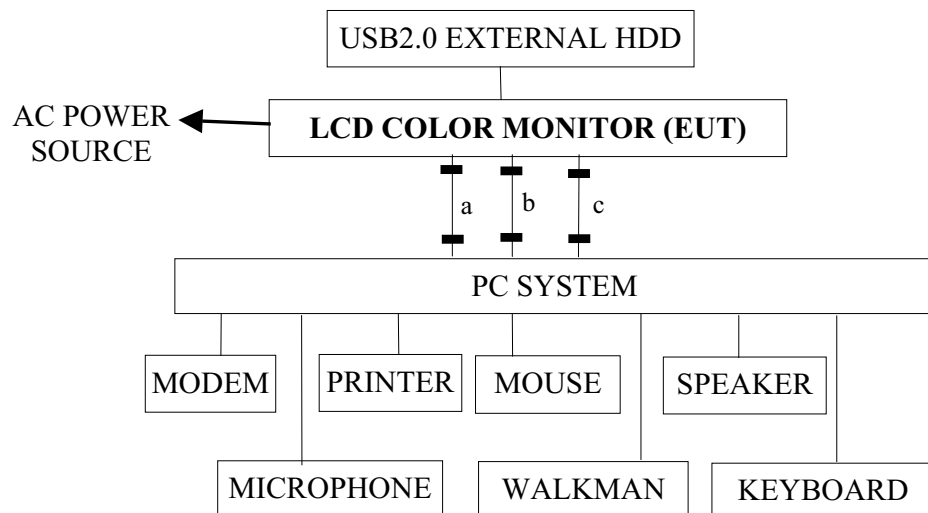
3.1.2. For 1GHz~2GHz Frequency (At No. 4 Open Area Test Site)

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|-------------------|--------------|-----------|------------|--------------|--------------|
| 1. | Spectrum Analyzer | Agilent | E7405A | MY42000132 | Jun. 04, 05' | Jun. 03, 06' |
| 2. | Amplifier | HP | 8449B | 3008A01284 | Jul. 05, 05' | Jul. 04, 06' |
| 3. | Horn Antenna | EMCO | 3115 | 9609-4927 | Jul. 08, 05' | Jul. 07, 06' |

3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators

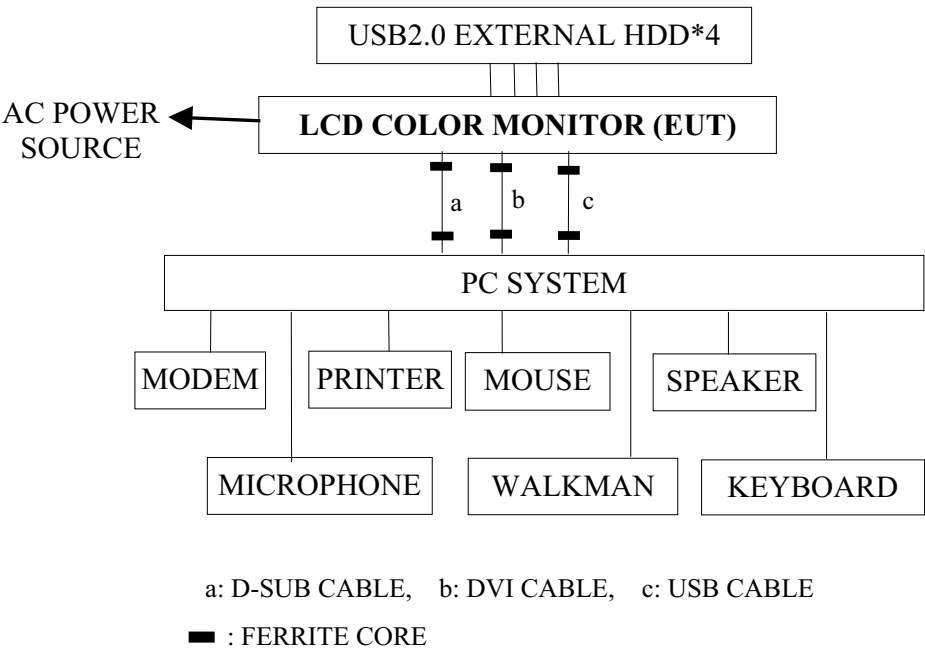
3.2.1.1. Test Model: HWB720P



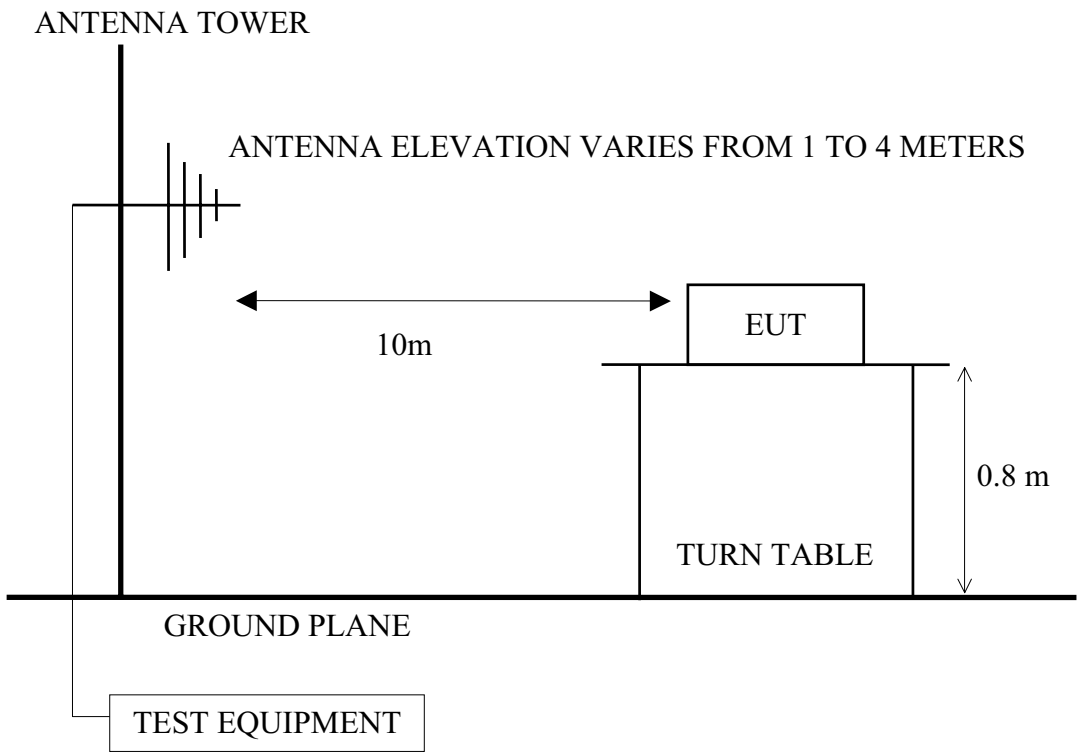
a: D-SUB CABLE, b: DVI CABLE, c: USB CABLE

■ : FERRITE CORE

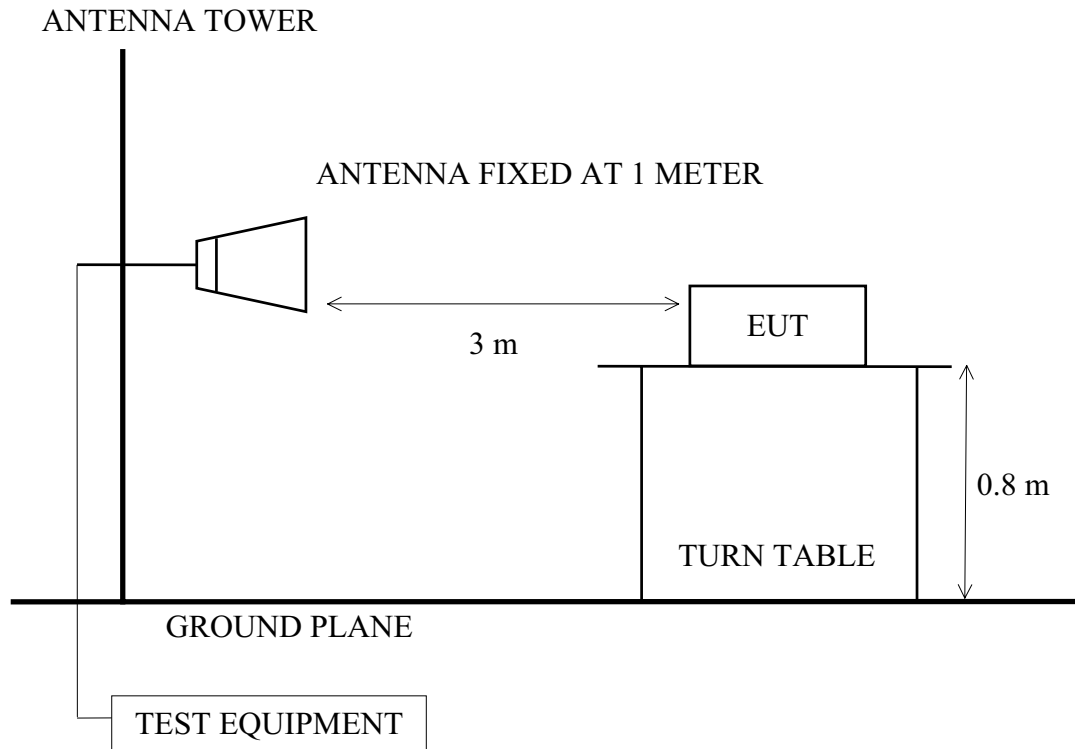
3.2.1.1. Test Model: HWP720P



3.2.2. Open Area Test Site (10m) Setup Diagram for 30-1000MHz



3.2.3. Open Area Test Site (3m) Setup Diagram for 1-2GHz



3.3. Radiation Limit (§ 15.109/CISPR 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 (dBμV/m) |
|--------------------|----------------------|------------------------------------|
| 30 ~ 230 | 10 | 30 |
| 230 ~ 1000 | 10 | 37 |
| 1000 ~ 2000 | 3 | 74.0 (Peak) |
| 1000 ~ 2000 | 3 | 54.0 (Average) |

- Note :
- (1) The tighter limit applies 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) There is no over 1GHz limits in CISPR 22 standard. Therefore, a FCC limit is used based on CFR 47 Part 15.35 (b) and Part 15.109 (a)(g).

3.4. EUT's Configuration during Compliance Measurement

The configuration of EUT and its supporting system were same as those used in conducted measurement. Please refer to section 2.4.

3.5. Operating Condition of EUT

Same as conducted measurement which is listed in 2.5., except the test set up replaced by section 3.2.

3.6. Test Procedure

- 3.6.1. For frequency range 30MHz-1000MHz measurement at distance of 10m at open area test site:

The EUT was placed on a turn table which was 0.8 meter above ground. The turn table rotate 360 degrees to determine the position of the maximum emission level. EUT was set 10 meters away from the receiving antenna which were mounted on a antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated biconical and log periodical antenna) were used as a 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 C63.4-2003 and CISPR 22 on radiated measurement.

The bandwidth of the R&S Test Receiver ESVS10 was set at 120kHz.

The frequency range from 30MHz to 1000MHz was pre-scanned with a peak detector and all final readings of measurement from Test Receiver are Quasi-Peak values.

- 3.6.2. For Frequency Range 1GHz-2GHz measurement at distance of 3m at open area test site:

The EUT and its simulators were placed on a turn table which was 0.8 meter above ground. The turn table rotated 360 degrees to determine the position of the maximum emission level, EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. The antenna was fixed at 1 meter high (maximum emission level receiving position) above the ground. A calibrated horn antenna was used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement, and both average and peak emission level were recorded form spectrum analyzer. In order to find the maximum emission level, all the interface cables were manipulated according to ANSI C63.4-2003 on radiated measurement.

The resolution bandwidth of spectrum analyzer E7405A was set at 1MHz.

The frequency range from 1GHz to 2GHz was pre-scanned with Peak detector and Average detector.

The all final readings from spectrum analyzer were measured with Peak detector and Average detector.

3.7. Radiated Emission Measurement Results

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

EUT: LCD Color Monitor Model No.: (1)HWB7200P (2)HWP7200P

For 30MHz~1000MHz frequency range:

Two kinds of EUT were measured at No. 4 open area test site and all the test results are attached in section 3.7.1.

Test Date : Feb. 27, 2006 Temperature : 17°C Humidity : 74%

The details of test modes are as follows:

| Mode | Model | Input Port | Resolution/ Frequency | LCD Panel's Angle | Reference Test Data No | |
|-------|-----------------|------------|------------------------------|-------------------|------------------------|-------------|
| | | | | | Horizontal | Vertical |
| 1. | HWB7200P | D-Sub | 800*600/60Hz, 38kHz | 0° | # 26 | # 25 |
| 2. | | | 1280*1024/75Hz, 80kHz | 0° | # 23 | # 24 |
| 3. | | | 1600*1200/75Hz, 94kHz | 0° | # 22 | # 21 |
| 4. | | | 1680*1050/60Hz, 66kHz | 0° | # 20 | # 19 |
| 5. | | DVI | 640*480/60Hz, 31kHz | 0° | # 34 | # 33 |
| 6. | | | 1280*1024/75Hz, 80kHz | 0° | # 32 | # 31 |
| 7. | | | 1600*1200/60Hz, 75kHz | 0° | # 29 | # 30 |
| ※ 8. | | | 1680*1050/60Hz, 66kHz | 0° | # 28 | # 27 |
| 9. | | | 1050*1680/60Hz | 90° | # 35 | # 36 |
| 10. | HWP7200P | D-Sub | 800*600/60Hz, 38kHz | 0° | # 8 | # 7 |
| 11. | | | 1280*1024/75Hz, 80kHz | 0° | # 5 | # 6 |
| 12. | | | 1600*1200/75Hz, 94kHz | 0° | # 3 | # 4 |
| 13. | | | 1680*1050/60Hz, 66kHz | 0° | # 1 | # 2 |
| ※ 14. | | DVI | 640*480/60Hz, 31kHz | 0° | # 15 | # 16 |
| 15. | | | 1280*1024/75Hz, 80kHz | 0° | # 13 | # 14 |
| 16. | | | 1600*1200/60Hz, 75kHz | 0° | # 11 | # 12 |
| 17. | | | 1680*1050/60Hz, 66kHz | 0° | # 9 | # 10 |
| 18. | | | 480*640/60Hz | 90° | # 17 | # 18 |

(※ mode for maximum detected emission)

For 1GHz~2GHz frequency range:

The worst modes [Mode 8 & 14] were measured at No. 4 open area test site for frequency range 1GHz~2GHz and all the test results are attached in section 3.7.2.

Test Date : Feb. 27, 2006 Temperature : 17°C Humidity : 74%

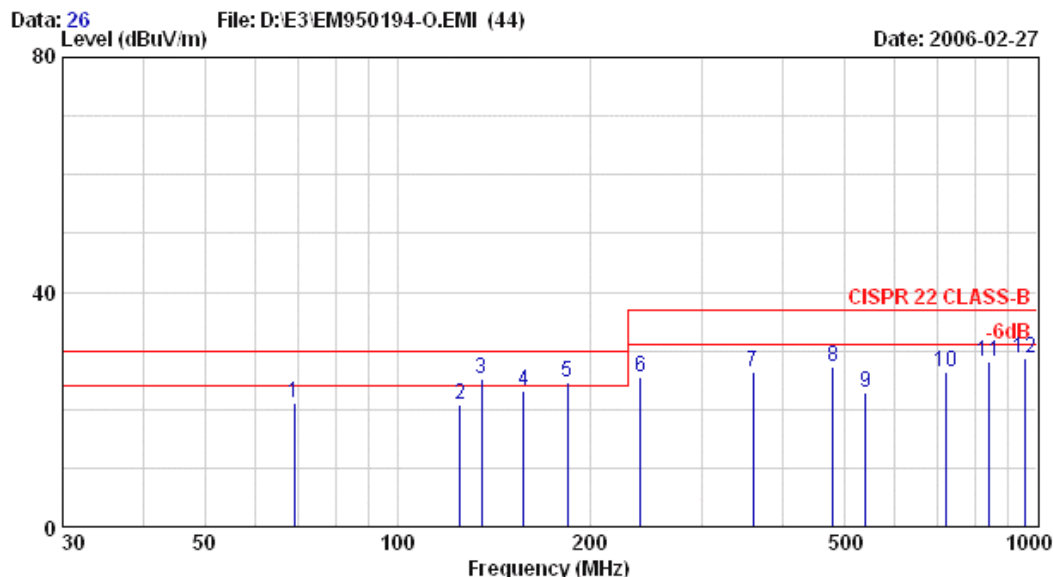
The details of test modes are as follows:

| Mode | Input Port | Input Port | Resolution/ Frequency | LCD Panel's Angle | | Reference Test Data No. | |
|------|------------|------------|-----------------------|-------------------|---------|-------------------------|----------|
| | | | | | | Horizontal | Vertical |
| 8. | HWB7200P | D-Sub | 1680*1050/60Hz, 66kHz | 0° | Peak | # 42 | # 41 |
| | | | | | Average | # 43 | # 44 |
| 14. | HWP7200P | DVI | 640*480/60Hz, 31kHz | 0° | Peak | # 38 | # 37 |
| | | | | | Average | # 39 | # 40 |

3.7.1. Frequency Range 30 - 1000MHz, Radiated Emission Measurement Results at No 4 Open Area Test Site



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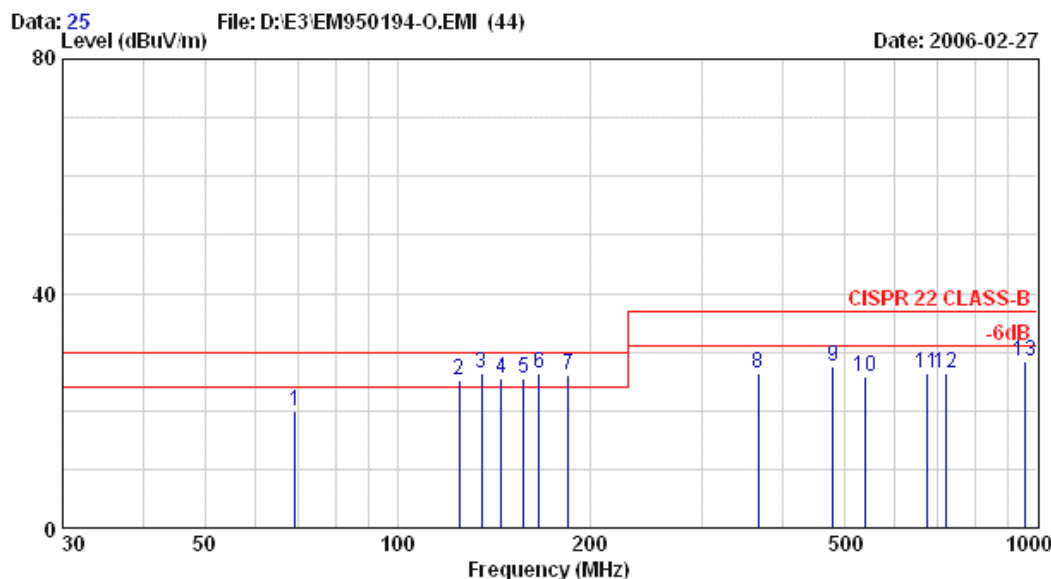
Site no. : NO.4 Open Site Data no. : 26
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 800*600/60Hz 38KHz (D-SUB)
S/N:TY0405400

| | Ant. | Cable | Emission | | | | |
|-------|---------|-------|----------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 69.068 | 12.66 | 0.88 | 7.55 | 21.09 | 30.00 | 8.91 |
| 2 | 125.400 | 19.27 | 1.14 | 0.30 | 20.72 | 30.00 | 9.28 |
| 3 | 135.384 | 20.38 | 1.24 | 3.55 | 25.17 | 30.00 | 4.83 |
| 4 | 157.618 | 20.90 | 1.35 | 0.80 | 23.05 | 30.00 | 6.95 |
| 5 | 184.825 | 21.01 | 1.58 | 2.01 | 24.60 | 30.00 | 5.40 |
| 6 | 240.048 | 22.77 | 1.62 | 1.17 | 25.56 | 37.00 | 11.44 |
| 7 | 359.634 | 15.37 | 2.11 | 9.04 | 26.52 | 37.00 | 10.48 |
| 8 | 480.010 | 17.95 | 2.42 | 6.95 | 27.32 | 37.00 | 9.68 |
| 9 | 539.723 | 18.61 | 2.52 | 1.80 | 22.94 | 37.00 | 14.06 |
| 10 | 720.004 | 21.45 | 3.10 | 1.95 | 26.50 | 37.00 | 10.50 |
| 11 | 839.570 | 24.95 | 3.36 | -0.29 | 28.02 | 37.00 | 8.98 |
| 12 | 960.011 | 25.77 | 3.47 | -0.50 | 28.74 | 37.00 | 8.26 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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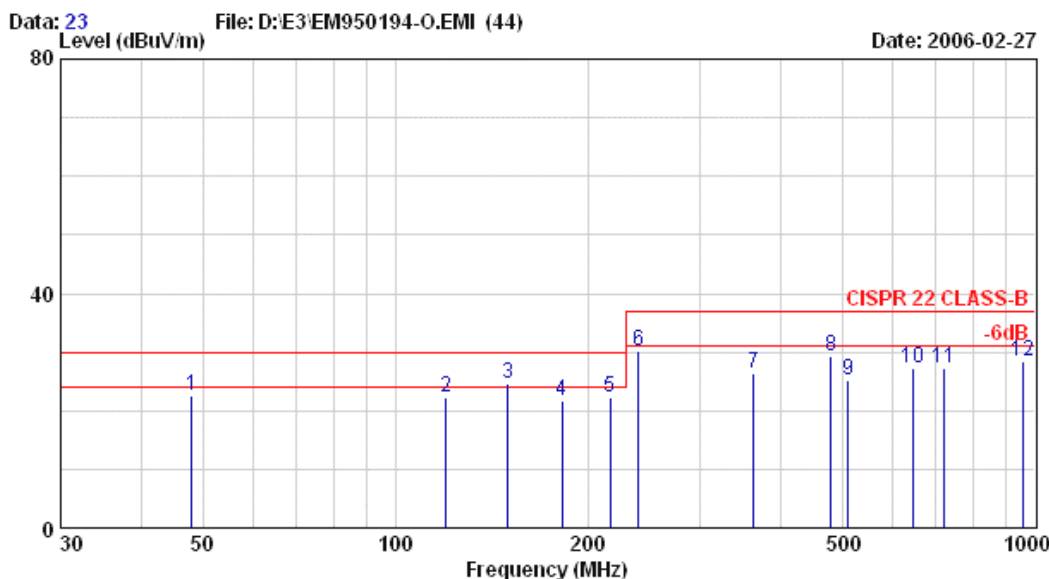
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Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 800*600/60Hz 38KHz (D-SUB)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 69.298 | 12.90 | 0.88 | 6.06 | 19.84 | 30.00 | 10.16 | |
| 2 | 125.175 | 18.79 | 1.14 | 5.15 | 25.08 | 30.00 | 4.92 | |
| 3 | 135.480 | 19.87 | 1.24 | 5.31 | 26.43 | 30.00 | 3.57 | |
| 4 | 145.658 | 20.29 | 1.35 | 3.90 | 25.54 | 30.00 | 4.46 | |
| 5 | 157.585 | 20.87 | 1.35 | 3.35 | 25.57 | 30.00 | 4.43 | |
| 6 | 166.723 | 21.15 | 1.37 | 3.91 | 26.43 | 30.00 | 3.57 | |
| 7 | 184.826 | 21.63 | 1.58 | 3.02 | 26.22 | 30.00 | 3.78 | |
| 8 | 366.301 | 15.43 | 2.11 | 8.89 | 26.43 | 37.00 | 10.57 | |
| 9 | 480.018 | 18.40 | 2.42 | 6.82 | 27.64 | 37.00 | 9.36 | |
| 10 | 540.009 | 19.45 | 2.52 | 3.90 | 25.87 | 37.00 | 11.13 | |
| 11 | 674.199 | 22.07 | 2.96 | 1.23 | 26.27 | 37.00 | 10.73 | |
| 12 | 720.020 | 21.70 | 3.10 | 1.64 | 26.44 | 37.00 | 10.56 | |
| 13 | 960.065 | 25.61 | 3.47 | -0.72 | 28.35 | 37.00 | 8.65 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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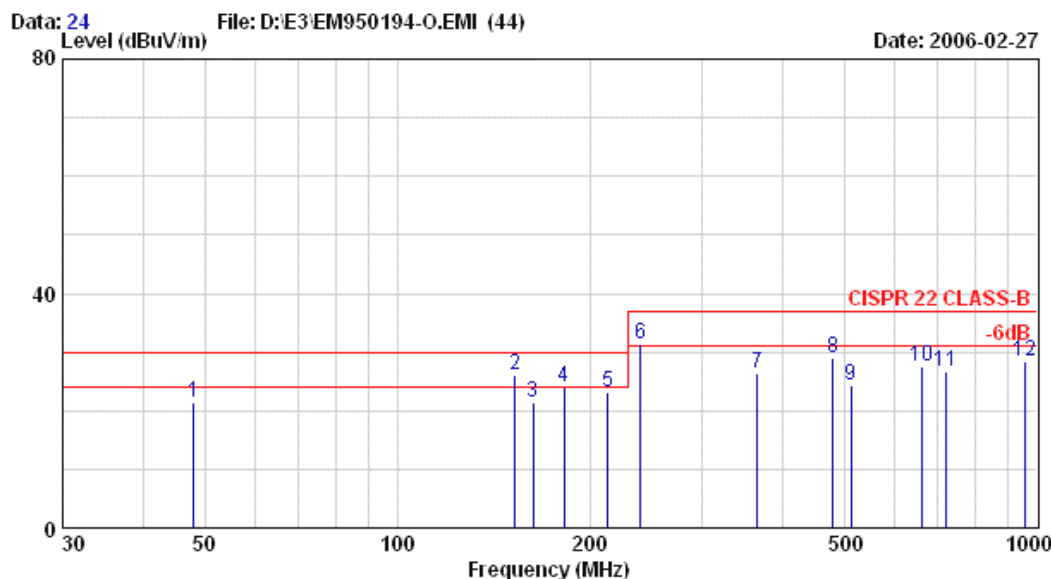
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Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-SUB)
S/N:TY0405400

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.013 | 16.58 | 0.72 | 5.21 | 22.50 | 30.00 | 7.50 |
| 2 | 120.040 | 18.97 | 1.11 | 2.32 | 22.40 | 30.00 | 7.60 |
| 3 | 150.048 | 20.81 | 1.35 | 2.44 | 24.60 | 30.00 | 5.40 |
| 4 | 182.298 | 21.11 | 1.53 | -0.81 | 21.83 | 30.00 | 8.17 |
| 5 | 216.512 | 21.44 | 1.51 | -0.77 | 22.18 | 30.00 | 7.82 |
| 6 | 240.001 | 22.63 | 1.62 | 5.99 | 30.24 | 37.00 | 6.76 |
| 7 | 362.934 | 15.38 | 2.11 | 8.87 | 26.36 | 37.00 | 10.64 |
| 8 | 480.047 | 17.95 | 2.42 | 8.98 | 29.35 | 37.00 | 7.65 |
| 9 | 510.084 | 18.61 | 2.45 | 4.03 | 25.09 | 37.00 | 11.91 |
| 10 | 644.070 | 21.55 | 2.88 | 2.77 | 27.21 | 37.00 | 9.79 |
| 11 | 720.015 | 21.45 | 3.10 | 2.58 | 27.13 | 37.00 | 9.87 |
| 12 | 960.007 | 25.77 | 3.47 | -0.71 | 28.53 | 37.00 | 8.47 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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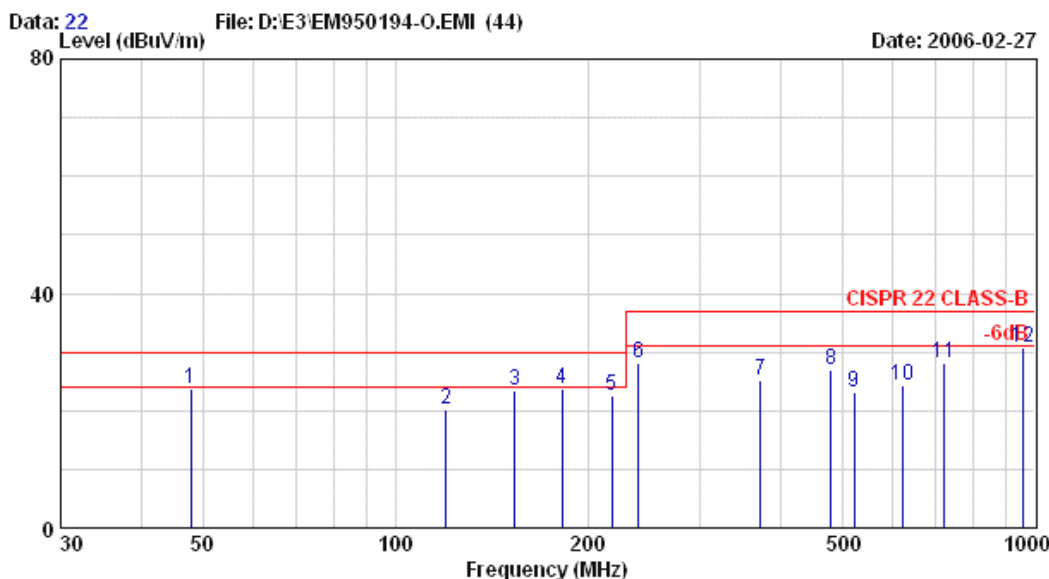
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Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-SUB)
S/N:TY0405400

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.052 | 16.33 | 0.72 | 4.46 | 21.50 | 30.00 | 8.50 |
| 2 | 152.969 | 20.83 | 1.35 | 3.77 | 25.95 | 30.00 | 4.05 |
| 3 | 163.212 | 20.98 | 1.36 | -0.82 | 21.52 | 30.00 | 8.48 |
| 4 | 182.398 | 21.53 | 1.53 | 0.88 | 23.94 | 30.00 | 6.06 |
| 5 | 213.653 | 21.91 | 1.50 | -0.34 | 23.06 | 30.00 | 6.94 |
| 6 | 240.060 | 22.57 | 1.62 | 7.15 | 31.34 | 37.00 | 5.66 |
| 7 | 365.209 | 15.42 | 2.11 | 8.96 | 26.49 | 37.00 | 10.51 |
| 8 | 480.005 | 18.40 | 2.42 | 8.16 | 28.98 | 37.00 | 8.02 |
| 9 | 512.290 | 18.97 | 2.45 | 3.00 | 24.42 | 37.00 | 12.58 |
| 10 | 662.284 | 21.07 | 2.93 | 3.44 | 27.44 | 37.00 | 9.56 |
| 11 | 720.023 | 21.70 | 3.10 | 1.74 | 26.54 | 37.00 | 10.46 |
| 12 | 960.022 | 25.61 | 3.47 | -0.70 | 28.37 | 37.00 | 8.63 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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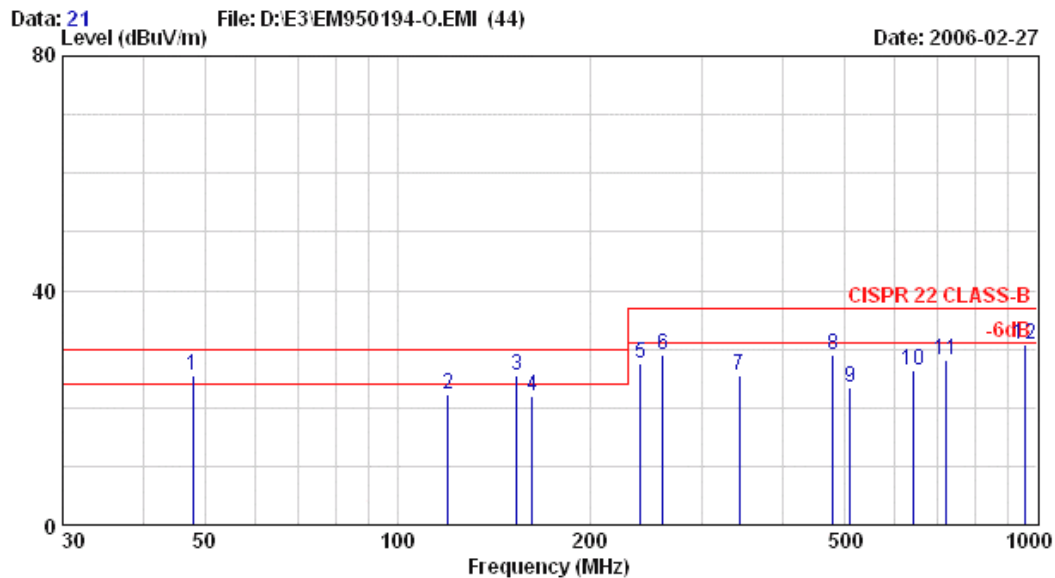
Site no. : NO.4 Open Site Data no. : 22
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/75Hz 94KHz (D-SUB)
S/N:TY0405400

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.000 | 16.58 | 0.72 | 6.53 | 23.83 | 30.00 | 6.17 |
| 2 | 120.000 | 18.97 | 1.11 | 0.17 | 20.24 | 30.00 | 9.76 |
| 3 | 153.720 | 20.76 | 1.35 | 1.37 | 23.48 | 30.00 | 6.52 |
| 4 | 182.115 | 21.11 | 1.53 | 0.98 | 23.62 | 30.00 | 6.38 |
| 5 | 218.236 | 21.57 | 1.52 | -0.51 | 22.58 | 30.00 | 7.42 |
| 6 | 240.006 | 22.77 | 1.62 | 3.63 | 28.02 | 37.00 | 8.98 |
| 7 | 372.102 | 15.26 | 2.12 | 7.95 | 25.32 | 37.00 | 11.68 |
| 8 | 480.012 | 17.95 | 2.42 | 6.65 | 27.02 | 37.00 | 9.98 |
| 9 | 521.362 | 18.73 | 2.48 | 1.99 | 23.20 | 37.00 | 13.80 |
| 10 | 622.328 | 20.85 | 2.82 | 0.75 | 24.42 | 37.00 | 12.58 |
| 11 | 720.068 | 21.45 | 3.10 | 3.47 | 28.02 | 37.00 | 8.98 |
| 12 | 959.999 | 25.77 | 3.47 | 1.42 | 30.65 | 37.00 | 6.35 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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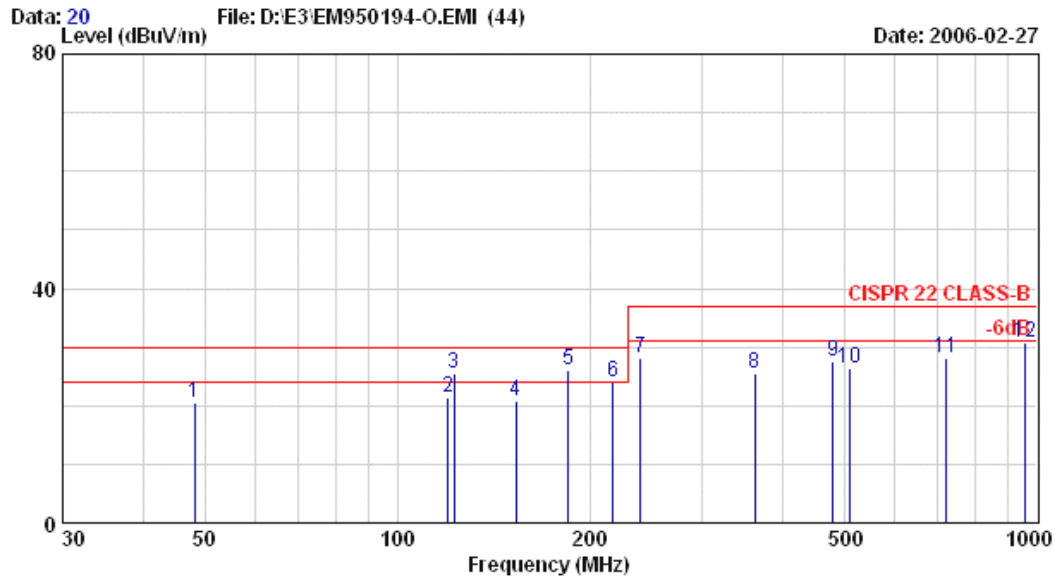
Site no. : NO.4 Open Site Data no. : 21
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/75Hz 94KHz (D-SUB)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.000 | 16.33 | 0.72 | 8.42 | 25.47 | 30.00 | 4.53 | |
| 2 | 120.026 | 18.21 | 1.11 | 3.06 | 22.38 | 30.00 | 7.62 | |
| 3 | 153.706 | 20.81 | 1.35 | 3.37 | 25.53 | 30.00 | 4.47 | |
| 4 | 162.749 | 20.98 | 1.36 | -0.48 | 21.85 | 30.00 | 8.15 | |
| 5 | 240.006 | 22.57 | 1.62 | 3.22 | 27.41 | 37.00 | 9.59 | |
| 6 | 260.345 | 23.65 | 1.71 | 3.75 | 29.11 | 37.00 | 7.89 | |
| 7 | 342.587 | 14.30 | 2.08 | 8.99 | 25.37 | 37.00 | 11.63 | |
| 8 | 479.998 | 18.40 | 2.42 | 8.09 | 28.91 | 37.00 | 8.09 | |
| 9 | 510.982 | 18.98 | 2.45 | 2.08 | 23.50 | 37.00 | 13.50 | |
| 10 | 641.244 | 20.74 | 2.87 | 2.65 | 26.26 | 37.00 | 10.74 | |
| 11 | 720.017 | 21.70 | 3.10 | 3.26 | 28.06 | 37.00 | 8.94 | |
| 12 | 959.977 | 25.61 | 3.47 | 1.80 | 30.87 | 37.00 | 6.13 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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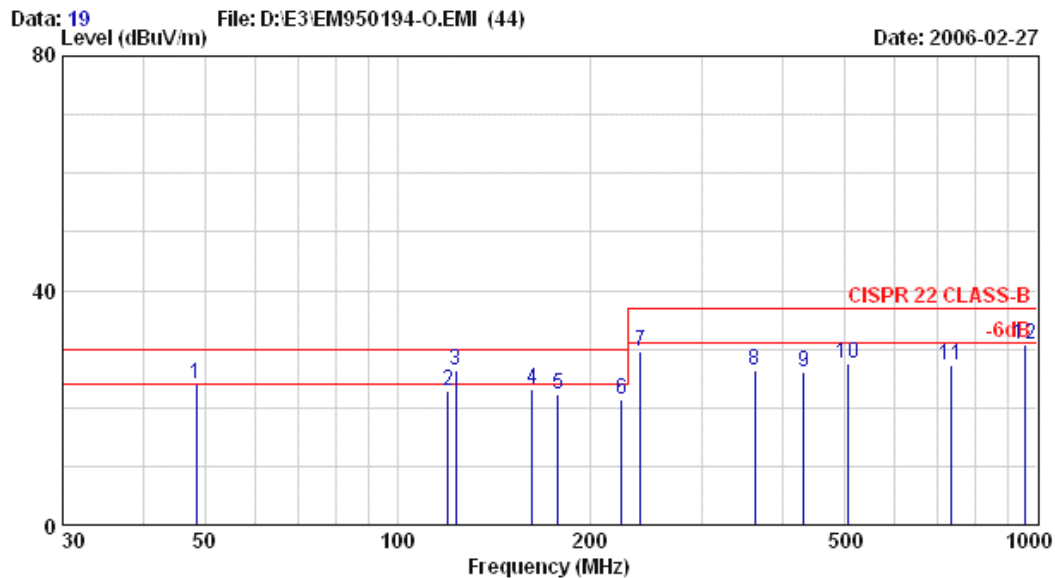
Site no. : NO.4 Open Site Data no. : 20
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (D-SUB)
S/N:TY0405400

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.270 | 16.58 | 0.72 | 3.13 | 20.43 | 30.00 | 9.57 |
| 2 | 120.006 | 18.97 | 1.11 | 1.38 | 21.46 | 30.00 | 8.54 |
| 3 | 122.716 | 19.12 | 1.13 | 5.36 | 25.61 | 30.00 | 4.39 |
| 4 | 153.520 | 20.75 | 1.35 | -1.17 | 20.93 | 30.00 | 9.07 |
| 5 | 185.282 | 21.01 | 1.58 | 3.39 | 25.98 | 30.00 | 4.02 |
| 6 | 217.252 | 21.49 | 1.52 | 1.01 | 24.02 | 30.00 | 5.98 |
| 7 | 240.018 | 22.77 | 1.62 | 3.76 | 28.15 | 37.00 | 8.85 |
| 8 | 362.499 | 15.38 | 2.11 | 7.99 | 25.48 | 37.00 | 11.52 |
| 9 | 480.030 | 17.95 | 2.42 | 7.31 | 27.68 | 37.00 | 9.32 |
| 10 | 510.984 | 18.66 | 2.45 | 5.17 | 26.27 | 37.00 | 10.73 |
| 11 | 720.000 | 21.45 | 3.10 | 3.49 | 28.04 | 37.00 | 8.96 |
| 12 | 960.005 | 25.77 | 3.47 | 1.42 | 30.65 | 37.00 | 6.35 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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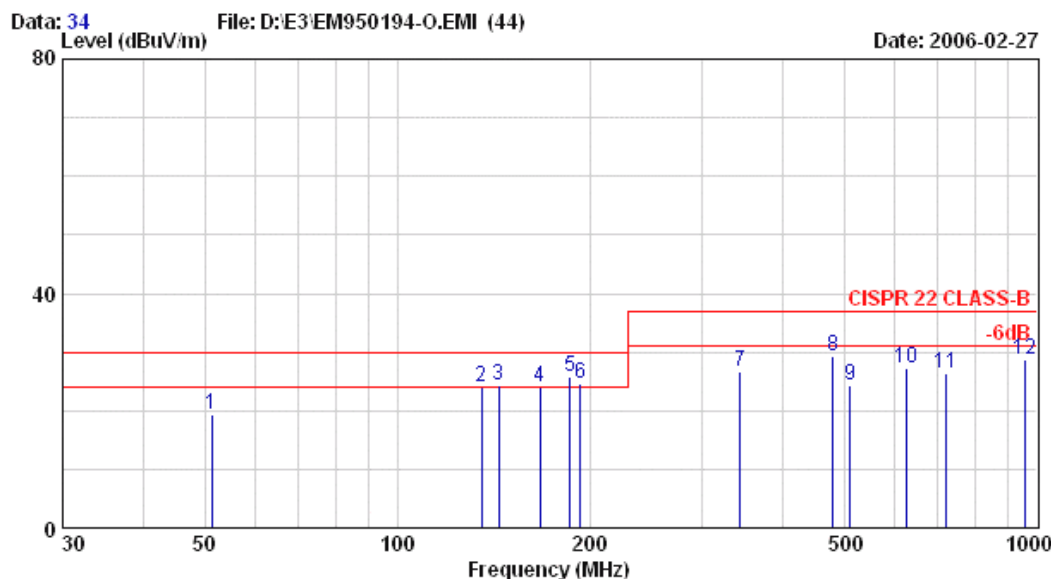
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Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (D-SUB)
S/N:TY0405400

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.480 | 16.33 | 0.72 | 6.94 | 23.99 | 30.00 | 6.01 |
| 2 | 120.009 | 18.21 | 1.11 | 3.52 | 22.84 | 30.00 | 7.16 |
| 3 | 123.509 | 18.56 | 1.13 | 6.81 | 26.50 | 30.00 | 3.50 |
| 4 | 162.751 | 20.98 | 1.36 | 0.76 | 23.09 | 30.00 | 6.91 |
| 5 | 178.514 | 21.35 | 1.46 | -0.49 | 22.32 | 30.00 | 7.68 |
| 6 | 224.222 | 23.22 | 1.55 | -3.31 | 21.45 | 30.00 | 8.55 |
| 7 | 240.035 | 22.57 | 1.62 | 5.29 | 29.48 | 37.00 | 7.52 |
| 8 | 362.512 | 15.39 | 2.11 | 8.85 | 26.35 | 37.00 | 10.65 |
| 9 | 432.149 | 17.15 | 2.30 | 6.61 | 26.05 | 37.00 | 10.95 |
| 10 | 508.000 | 18.77 | 2.45 | 6.36 | 27.58 | 37.00 | 9.42 |
| 11 | 735.275 | 22.64 | 3.14 | 1.50 | 27.28 | 37.00 | 9.72 |
| 12 | 960.075 | 25.61 | 3.47 | 1.70 | 30.77 | 37.00 | 6.23 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
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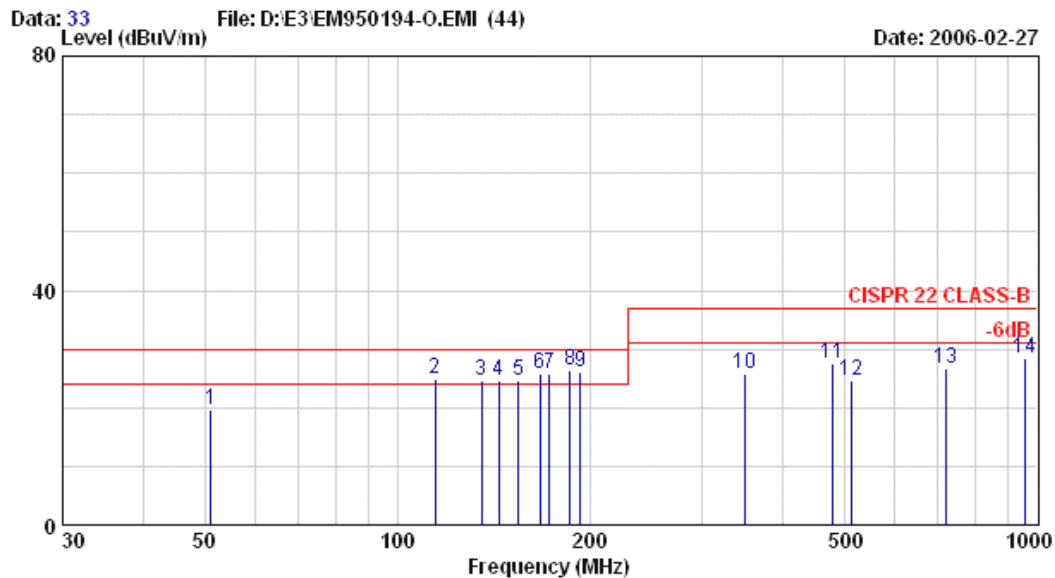
Site no. : NO.4 Open Site Data no. : 34
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz (DVI)
S/N:TY0405400

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 51.225 | 15.50 | 0.75 | 3.22 | 19.47 | 30.00 | 10.53 | |
| 2 | 135.377 | 20.38 | 1.24 | 2.32 | 23.94 | 30.00 | 6.06 | |
| 3 | 144.033 | 20.54 | 1.35 | 2.55 | 24.44 | 30.00 | 5.56 | |
| 4 | 167.351 | 21.07 | 1.37 | 1.58 | 24.01 | 30.00 | 5.99 | |
| 5 | 186.475 | 21.02 | 1.59 | 3.16 | 25.77 | 30.00 | 4.23 | |
| 6 | 193.420 | 21.19 | 1.70 | 1.75 | 24.64 | 30.00 | 5.36 | |
| 7 | 343.962 | 14.57 | 2.09 | 10.03 | 26.69 | 37.00 | 10.31 | |
| 8 | 480.020 | 17.95 | 2.42 | 9.01 | 29.38 | 37.00 | 7.62 | |
| 9 | 510.315 | 18.61 | 2.45 | 3.16 | 24.22 | 37.00 | 12.78 | |
| 10 | 623.512 | 20.80 | 2.82 | 3.50 | 27.12 | 37.00 | 9.88 | |
| 11 | 719.962 | 21.45 | 3.10 | 1.86 | 26.41 | 37.00 | 10.59 | |
| 12 | 959.984 | 25.77 | 3.47 | -0.64 | 28.60 | 37.00 | 8.40 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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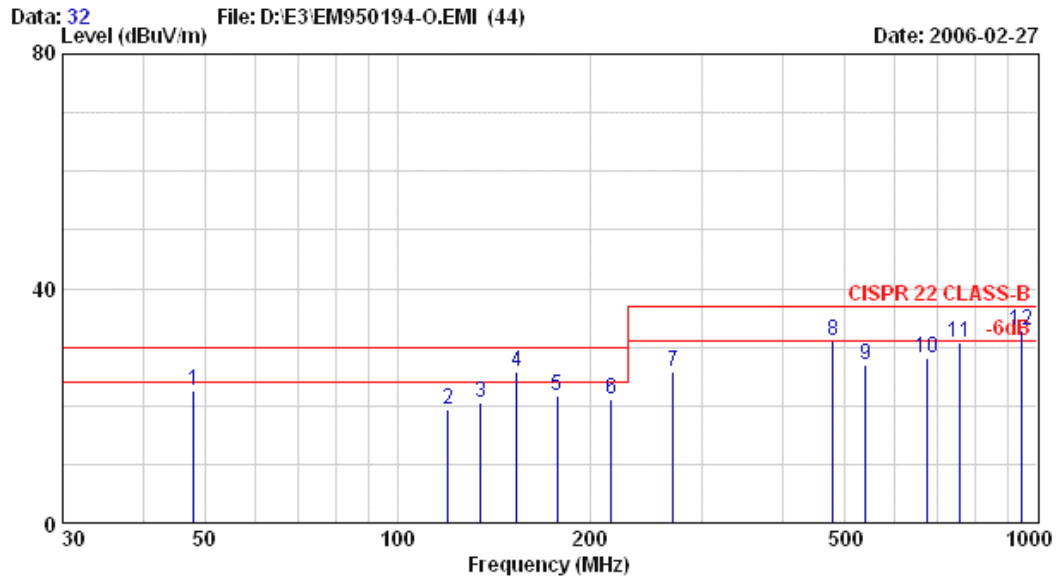
Site no. : NO.4 Open Site Data no. : 33
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz (DVI)
S/N:TY0405400

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 51.210 | 15.64 | 0.75 | 3.18 | 19.56 | 30.00 | 10.44 | |
| 2 | 114.519 | 17.52 | 1.10 | 6.29 | 24.91 | 30.00 | 5.09 | |
| 3 | 135.496 | 19.87 | 1.24 | 3.55 | 24.67 | 30.00 | 5.33 | |
| 4 | 143.980 | 20.18 | 1.35 | 3.02 | 24.55 | 30.00 | 5.45 | |
| 5 | 154.520 | 20.81 | 1.35 | 2.42 | 24.58 | 30.00 | 5.42 | |
| 6 | 167.383 | 21.16 | 1.37 | 3.22 | 25.75 | 30.00 | 4.25 | |
| 7 | 172.927 | 21.72 | 1.38 | 2.83 | 25.92 | 30.00 | 4.08 | |
| 8 | 186.500 | 21.67 | 1.59 | 3.03 | 26.29 | 30.00 | 3.71 | |
| 9 | 193.432 | 22.32 | 1.70 | 2.16 | 26.18 | 30.00 | 3.82 | |
| 10 | 349.064 | 14.81 | 2.10 | 8.87 | 25.78 | 37.00 | 11.22 | |
| 11 | 480.006 | 18.40 | 2.42 | 6.82 | 27.64 | 37.00 | 9.36 | |
| 12 | 513.285 | 18.97 | 2.45 | 3.14 | 24.56 | 37.00 | 12.44 | |
| 13 | 720.052 | 21.70 | 3.10 | 1.97 | 26.77 | 37.00 | 10.23 | |
| 14 | 960.012 | 25.61 | 3.47 | -0.75 | 28.32 | 37.00 | 8.68 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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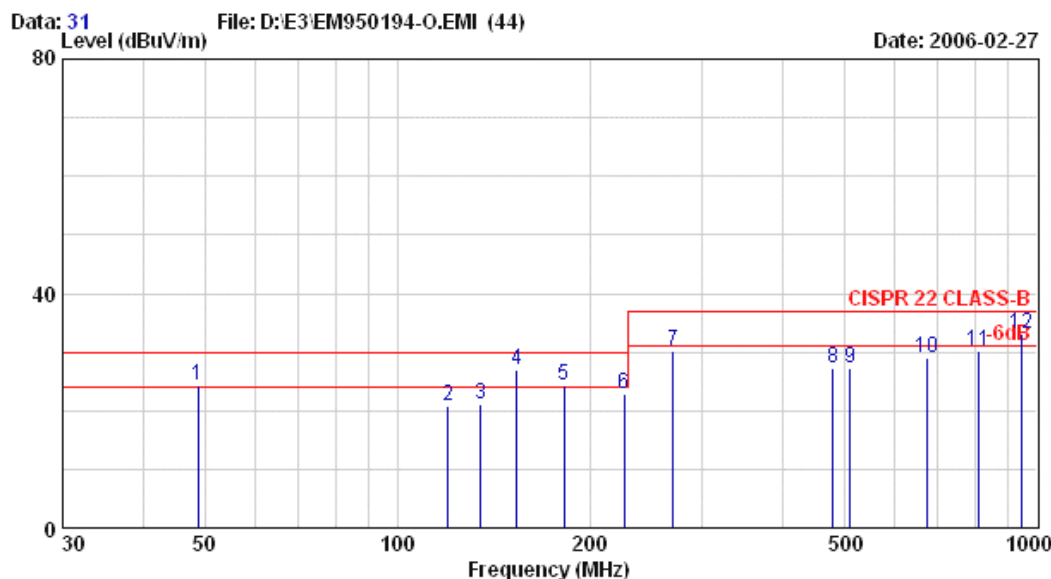
Site no. : NO.4 Open Site Data no. : 32
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.005 | 16.58 | 0.72 | 5.20 | 22.50 | 30.00 | 7.50 | |
| 2 | 120.003 | 18.97 | 1.11 | -0.81 | 19.26 | 30.00 | 10.74 | |
| 3 | 135.000 | 20.31 | 1.23 | -1.15 | 20.39 | 30.00 | 9.61 | |
| 4 | 153.953 | 20.76 | 1.35 | 3.76 | 25.87 | 30.00 | 4.13 | |
| 5 | 178.049 | 21.05 | 1.45 | -0.81 | 21.68 | 30.00 | 8.32 | |
| 6 | 216.299 | 21.44 | 1.51 | -1.83 | 21.12 | 30.00 | 8.88 | |
| 7 | 269.997 | 23.85 | 1.72 | 0.15 | 25.72 | 37.00 | 11.28 | |
| 8 | 480.028 | 17.95 | 2.42 | 10.75 | 31.12 | 37.00 | 5.88 | |
| 9 | 539.995 | 18.66 | 2.52 | 5.86 | 27.05 | 37.00 | 9.95 | |
| 10 | 674.991 | 22.30 | 2.96 | 2.93 | 28.19 | 37.00 | 8.81 | |
| 11 | 755.987 | 23.22 | 3.19 | 4.41 | 30.82 | 37.00 | 6.18 | |
| 12 | 944.986 | 25.55 | 3.44 | 3.69 | 32.68 | 37.00 | 4.32 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Email:ttemc@ttemc.com.tw



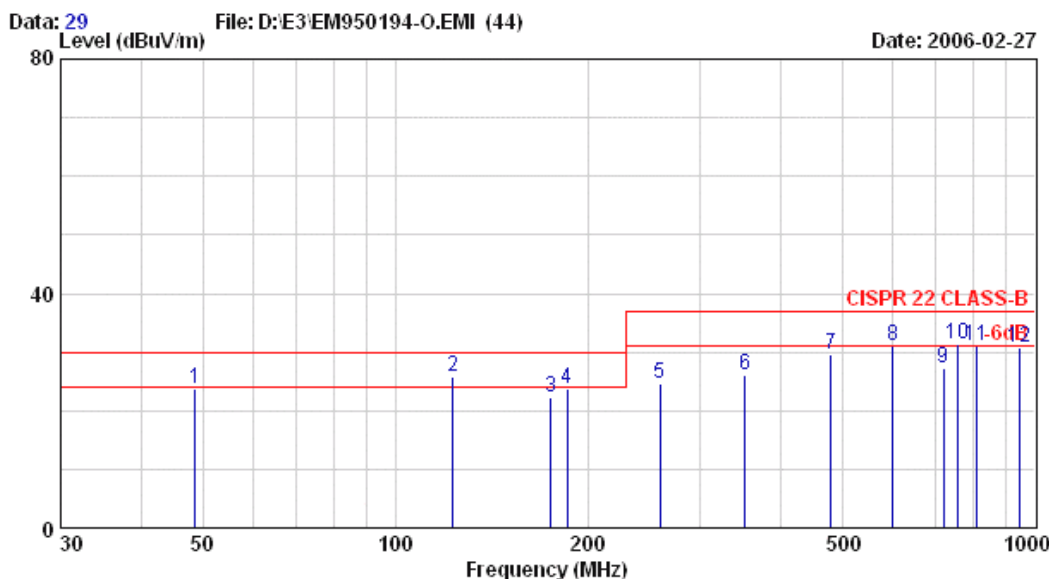
Site no. : NO.4 Open Site Data no. : 31
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.835 | 16.33 | 0.72 | 7.19 | 24.24 | 30.00 | 5.76 | |
| 2 | 120.013 | 18.21 | 1.11 | 1.38 | 20.70 | 30.00 | 9.30 | |
| 3 | 135.000 | 19.76 | 1.23 | -0.01 | 20.98 | 30.00 | 9.02 | |
| 4 | 153.680 | 20.81 | 1.35 | 4.78 | 26.94 | 30.00 | 3.06 | |
| 5 | 182.301 | 21.53 | 1.53 | 1.25 | 24.31 | 30.00 | 5.69 | |
| 6 | 226.480 | 23.47 | 1.56 | -2.11 | 22.92 | 30.00 | 7.08 | |
| 7 | 269.997 | 24.10 | 1.72 | 4.48 | 30.30 | 37.00 | 6.70 | |
| 8 | 480.000 | 18.40 | 2.42 | 6.46 | 27.28 | 37.00 | 9.72 | |
| 9 | 510.105 | 18.98 | 2.45 | 5.95 | 27.37 | 37.00 | 9.63 | |
| 10 | 674.989 | 22.12 | 2.96 | 3.83 | 28.91 | 37.00 | 8.09 | |
| 11 | 809.986 | 23.56 | 3.31 | 3.25 | 30.12 | 37.00 | 6.88 | |
| 12 | 944.986 | 25.39 | 3.44 | 4.25 | 33.08 | 37.00 | 3.92 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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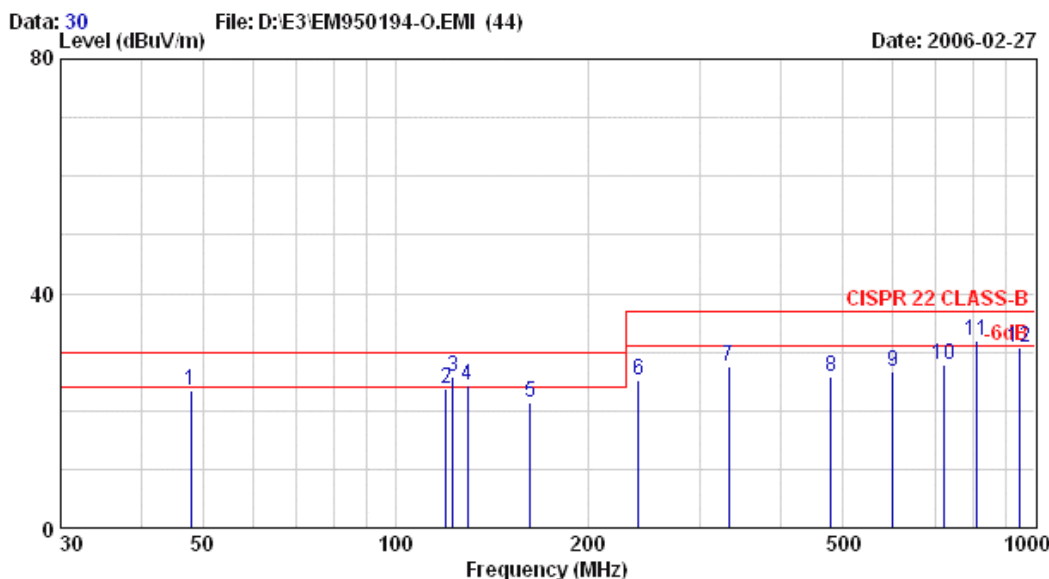
Site no. : NO.4 Open Site Data no. : 29
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/60Hz 76KHz (DVI)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.710 | 16.58 | 0.72 | 6.56 | 23.86 | 30.00 | 6.14 | |
| 2 | 123.000 | 19.12 | 1.13 | 5.45 | 25.70 | 30.00 | 4.30 | |
| 3 | 174.926 | 21.16 | 1.38 | -0.16 | 22.38 | 30.00 | 7.62 | |
| 4 | 185.676 | 21.01 | 1.59 | 1.07 | 23.67 | 30.00 | 6.33 | |
| 5 | 259.688 | 23.68 | 1.71 | -0.73 | 24.66 | 37.00 | 12.34 | |
| 6 | 352.652 | 15.16 | 2.10 | 8.74 | 26.00 | 37.00 | 11.00 | |
| 7 | 480.000 | 17.95 | 2.42 | 9.30 | 29.67 | 37.00 | 7.33 | |
| 8 | 600.034 | 20.66 | 2.72 | 7.82 | 31.21 | 37.00 | 5.79 | |
| 9 | 720.000 | 21.45 | 3.10 | 2.69 | 27.24 | 37.00 | 9.76 | |
| 10 | 755.989 | 23.22 | 3.19 | 4.95 | 31.36 | 37.00 | 5.64 | |
| 11 | 809.987 | 23.02 | 3.31 | 4.68 | 31.01 | 37.00 | 5.99 | |
| 12 | 945.030 | 25.55 | 3.44 | 1.69 | 30.68 | 37.00 | 6.32 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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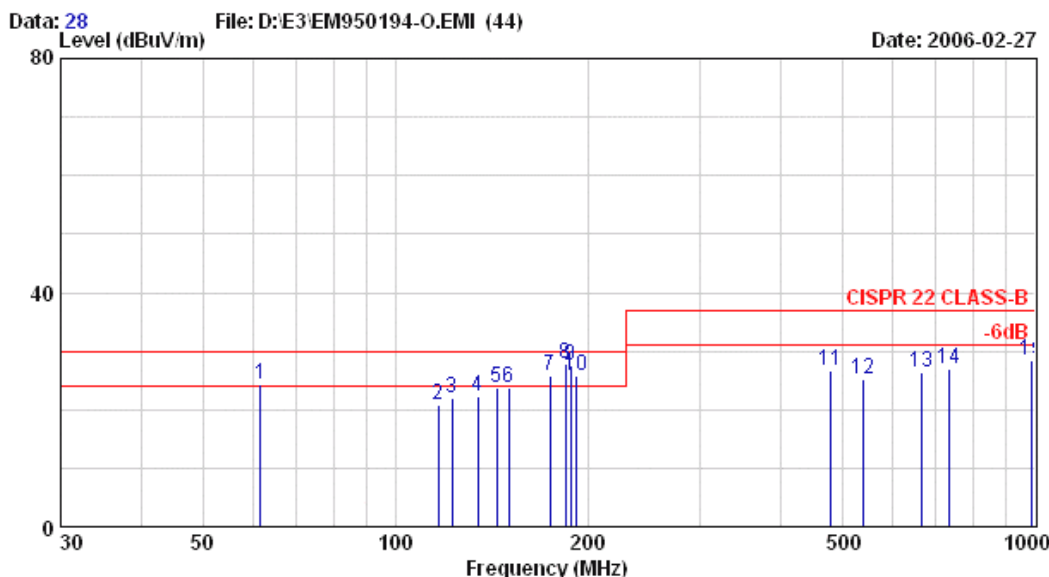
Site no. : NO.4 Open Site Data no. : 30
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/60Hz 76KHz (DVI)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 48.000 | 16.33 | 0.72 | 6.26 | 23.31 | 30.00 | 6.69 | |
| 2 | 120.005 | 18.21 | 1.11 | 4.42 | 23.74 | 30.00 | 6.26 | |
| 3 | 122.978 | 18.56 | 1.13 | 6.16 | 25.85 | 30.00 | 4.15 | |
| 4 | 129.890 | 19.55 | 1.17 | 3.62 | 24.33 | 30.00 | 5.67 | |
| 5 | 162.330 | 20.92 | 1.36 | -1.02 | 21.26 | 30.00 | 8.74 | |
| 6 | 240.301 | 22.57 | 1.62 | 0.99 | 25.18 | 37.00 | 11.82 | |
| 7 | 332.525 | 14.41 | 2.02 | 10.97 | 27.40 | 37.00 | 9.60 | |
| 8 | 480.000 | 18.40 | 2.42 | 5.07 | 25.89 | 37.00 | 11.11 | |
| 9 | 600.011 | 20.76 | 2.72 | 3.16 | 26.65 | 37.00 | 10.35 | |
| 10 | 720.001 | 21.70 | 3.10 | 2.90 | 27.70 | 37.00 | 9.30 | |
| 11 | 809.988 | 23.56 | 3.31 | 5.06 | 31.93 | 37.00 | 5.07 | |
| 12 | 945.000 | 25.39 | 3.44 | 2.07 | 30.90 | 37.00 | 6.10 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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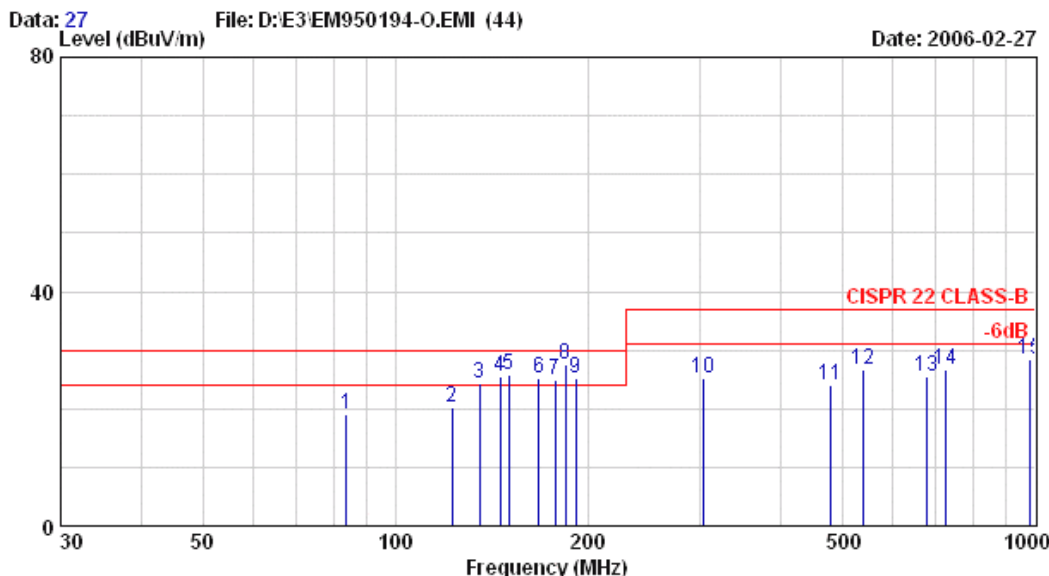
Site no. : NO.4 Open Site Data no. : 28
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (DVI)
S/N:TY0405400

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 61.578 | 13.44 | 0.86 | 9.90 | 24.20 | 30.00 | 5.80 | |
| 2 | 116.618 | 18.92 | 1.10 | 0.91 | 20.93 | 30.00 | 9.07 | |
| 3 | 122.635 | 19.12 | 1.13 | 1.60 | 21.85 | 30.00 | 8.15 | |
| 4 | 134.533 | 20.31 | 1.23 | 0.81 | 22.35 | 30.00 | 7.65 | |
| 5 | 143.932 | 20.48 | 1.35 | 1.92 | 23.75 | 30.00 | 6.25 | |
| 6 | 150.692 | 20.81 | 1.35 | 1.46 | 23.62 | 30.00 | 6.38 | |
| 7 | 174.584 | 21.16 | 1.38 | 3.22 | 25.76 | 30.00 | 4.24 | |
| 8 | 184.755 | 21.01 | 1.58 | 5.16 | 27.75 | 30.00 | 2.25 | * |
| 9 | 188.180 | 21.05 | 1.63 | 4.90 | 27.58 | 30.00 | 2.42 | |
| 10 | 191.495 | 21.12 | 1.69 | 2.91 | 25.72 | 30.00 | 4.28 | |
| 11 | 480.023 | 17.95 | 2.42 | 6.20 | 26.57 | 37.00 | 10.43 | |
| 12 | 540.031 | 18.66 | 2.52 | 3.88 | 25.06 | 37.00 | 11.94 | |
| 13 | 664.002 | 21.70 | 2.94 | 1.68 | 26.31 | 37.00 | 10.69 | |
| 14 | 734.725 | 22.42 | 3.14 | 1.54 | 27.10 | 37.00 | 9.90 | |
| 15 | 987.550 | 24.56 | 3.52 | 0.22 | 28.31 | 37.00 | 8.69 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 184.755MHz with corrected signal level of 27.75dBuV/m (limit is 30.0dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 65°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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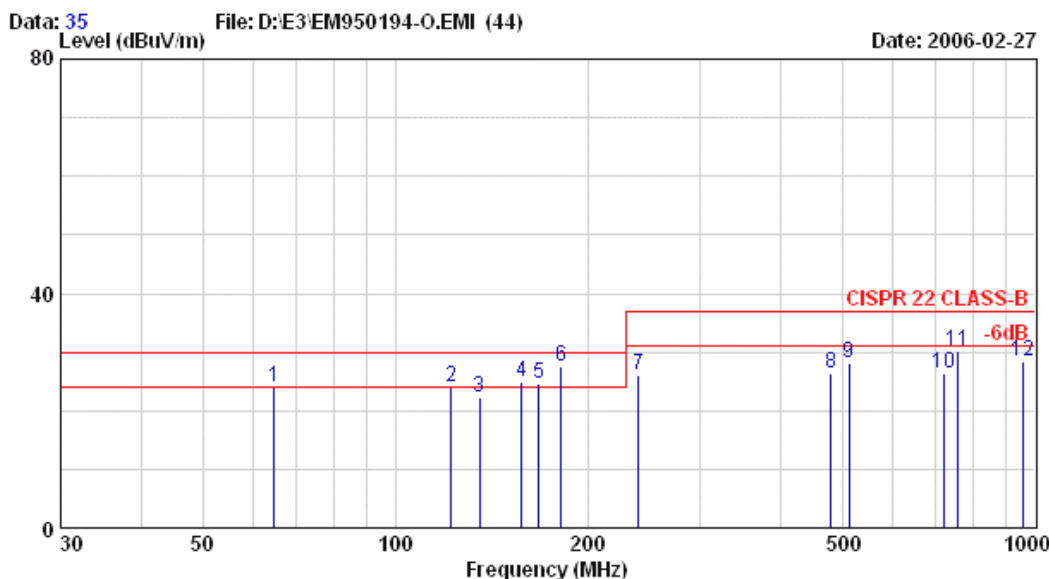
Site no. : NO.4 Open Site Data no. : 27
Dis. / Ant. : 10m VBA6106A/UFA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (DVI)
S/N:TY0405400

| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 84.000 | 14.83 | 0.97 | 3.24 | 19.04 | 30.00 | 10.96 |
| 2 | 122.720 | 18.56 | 1.13 | 0.66 | 20.35 | 30.00 | 9.65 |
| 3 | 135.510 | 19.87 | 1.24 | 3.33 | 24.45 | 30.00 | 5.55 |
| 4 | 145.780 | 20.29 | 1.35 | 3.76 | 25.40 | 30.00 | 4.60 |
| 5 | 150.680 | 20.48 | 1.35 | 3.90 | 25.73 | 30.00 | 4.27 |
| 6 | 167.766 | 21.16 | 1.37 | 2.63 | 25.16 | 30.00 | 4.84 |
| 7 | 177.915 | 21.27 | 1.45 | 2.06 | 24.77 | 30.00 | 5.23 |
| 8 | 184.818 | 21.63 | 1.58 | 4.31 | 27.51 | 30.00 | 2.49 * |
| 9 | 191.425 | 22.27 | 1.69 | 1.26 | 25.22 | 30.00 | 4.78 |
| 10 | 302.875 | 13.66 | 1.84 | 9.70 | 25.20 | 37.00 | 11.80 |
| 11 | 480.023 | 18.40 | 2.42 | 3.15 | 23.97 | 37.00 | 13.03 |
| 12 | 540.074 | 19.45 | 2.52 | 4.62 | 26.59 | 37.00 | 10.41 |
| 13 | 675.982 | 22.15 | 2.97 | 0.51 | 25.63 | 37.00 | 11.37 |
| 14 | 723.110 | 21.89 | 3.10 | 1.69 | 26.68 | 37.00 | 10.32 |
| 15 | 981.225 | 24.68 | 3.51 | 0.27 | 28.46 | 37.00 | 8.54 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 184.818MHz with corrected signal level of 27.51dBuV/m (limit is 30.0dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 235°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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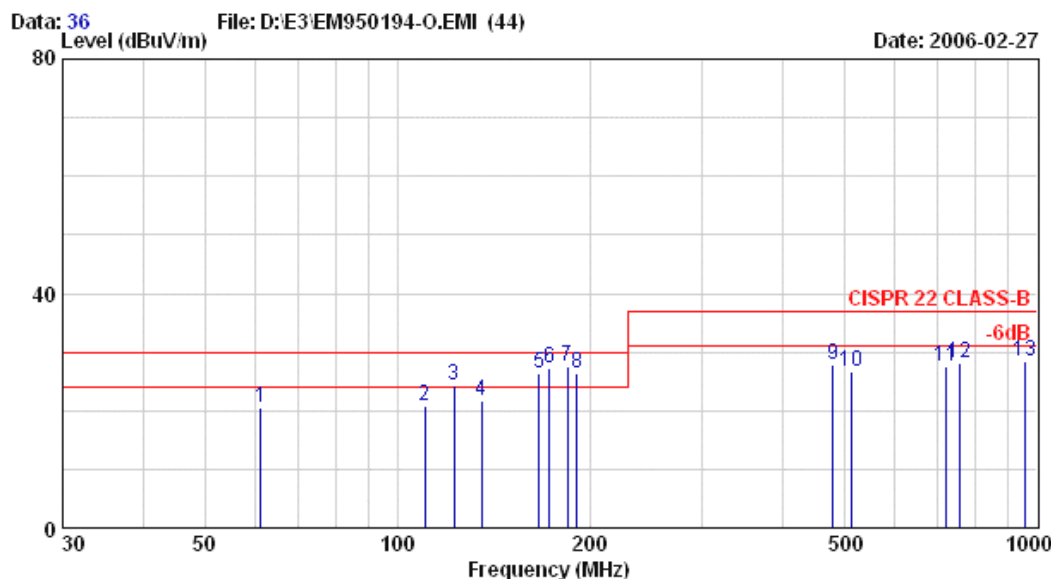
Site no. : NO.4 Open Site Data no. : 35
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1050*1680/60Hz (Rotate) (DVI)
S/N:TY0405400

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 64.727 | 12.90 | 0.87 | 10.25 | 24.02 | 30.00 | 5.98 |
| 2 | 122.374 | 19.08 | 1.12 | 3.73 | 23.93 | 30.00 | 6.07 |
| 3 | 135.480 | 20.38 | 1.24 | 0.61 | 22.23 | 30.00 | 7.77 |
| 4 | 157.568 | 20.90 | 1.35 | 2.70 | 24.95 | 30.00 | 5.05 |
| 5 | 167.778 | 21.07 | 1.37 | 2.16 | 24.59 | 30.00 | 5.41 |
| 6 | 181.511 | 21.12 | 1.51 | 4.80 | 27.43 | 30.00 | 2.57 |
| 7 | 240.020 | 22.77 | 1.62 | 1.73 | 26.12 | 37.00 | 10.88 |
| 8 | 480.002 | 17.95 | 2.42 | 5.93 | 26.30 | 37.00 | 10.70 |
| 9 | 512.217 | 18.68 | 2.45 | 7.00 | 28.13 | 37.00 | 8.87 |
| 10 | 720.011 | 21.45 | 3.10 | 1.88 | 26.43 | 37.00 | 10.57 |
| 11 | 755.991 | 23.22 | 3.19 | 3.88 | 30.29 | 37.00 | 6.71 |
| 12 | 959.972 | 25.77 | 3.47 | -0.70 | 28.54 | 37.00 | 8.46 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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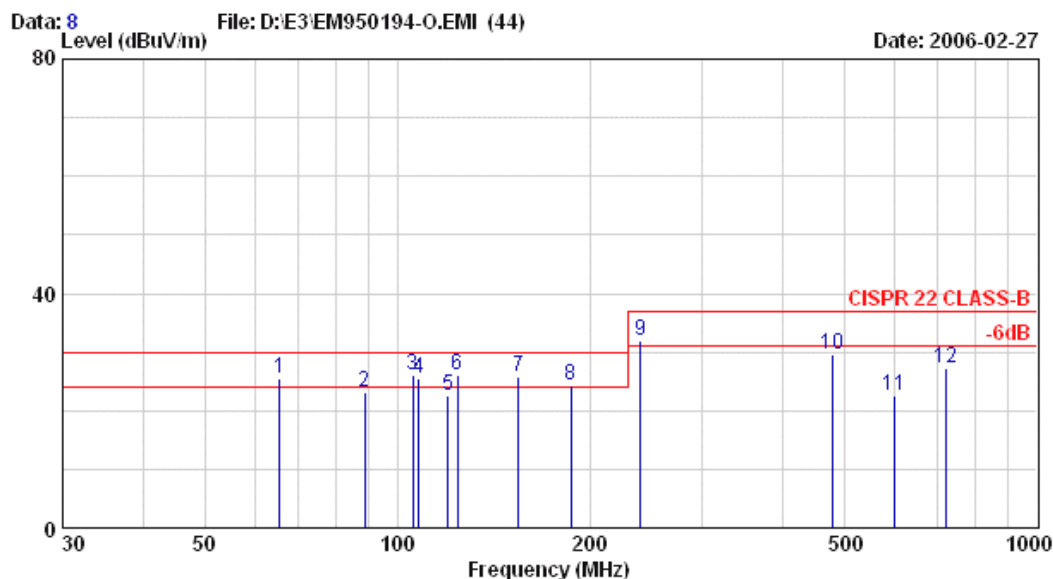
Site no. : NO.4 Open Site Data no. : 36
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1050*1680/60Hz (Rotate) (DVI)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 61.200 | 13.99 | 0.86 | 5.69 | 20.54 | 30.00 | 9.46 | |
| 2 | 110.539 | 17.51 | 1.11 | 2.07 | 20.69 | 30.00 | 9.31 | |
| 3 | 122.703 | 18.56 | 1.13 | 4.78 | 24.47 | 30.00 | 5.53 | |
| 4 | 135.450 | 19.87 | 1.24 | 0.49 | 21.61 | 30.00 | 8.39 | |
| 5 | 166.731 | 21.15 | 1.37 | 3.79 | 26.31 | 30.00 | 3.69 | |
| 6 | 172.800 | 21.72 | 1.38 | 4.22 | 27.31 | 30.00 | 2.69 | |
| 7 | 184.719 | 21.63 | 1.56 | 4.30 | 27.49 | 30.00 | 2.51 | |
| 8 | 190.841 | 22.27 | 1.68 | 2.57 | 26.52 | 30.00 | 3.48 | |
| 9 | 480.038 | 18.40 | 2.42 | 6.90 | 27.72 | 37.00 | 9.28 | |
| 10 | 513.265 | 18.97 | 2.45 | 5.28 | 26.70 | 37.00 | 10.30 | |
| 11 | 720.015 | 21.70 | 3.10 | 2.89 | 27.69 | 37.00 | 9.31 | |
| 12 | 756.001 | 23.51 | 3.20 | 1.43 | 28.14 | 37.00 | 8.86 | |
| 13 | 960.002 | 25.61 | 3.47 | -0.53 | 28.54 | 37.00 | 8.46 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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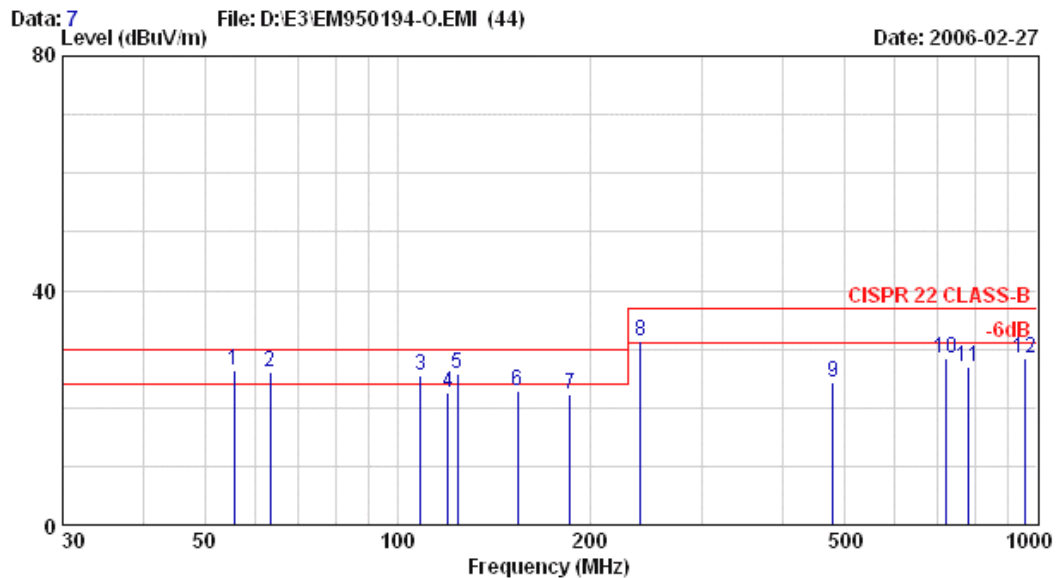
Site no. : NO.4 Open Site Data no. : 8
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 800*600/60Hz 38KHz (D-Sub)
S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 65.533 | 12.70 | 0.87 | 11.93 | 25.50 | 30.00 | 4.50 | |
| 2 | 88.835 | 15.94 | 1.01 | 6.24 | 23.19 | 30.00 | 6.81 | |
| 3 | 105.635 | 18.22 | 1.11 | 6.64 | 25.97 | 30.00 | 4.03 | |
| 4 | 107.987 | 18.40 | 1.11 | 6.09 | 25.60 | 30.00 | 4.40 | |
| 5 | 120.004 | 18.97 | 1.11 | 2.46 | 22.54 | 30.00 | 7.46 | |
| 6 | 124.265 | 19.16 | 1.14 | 5.80 | 26.09 | 30.00 | 3.91 | |
| 7 | 154.863 | 20.81 | 1.35 | 3.51 | 25.67 | 30.00 | 4.33 | |
| 8 | 186.623 | 21.02 | 1.61 | 1.76 | 24.39 | 30.00 | 5.61 | |
| 9 | 240.022 | 22.77 | 1.62 | 7.69 | 32.08 | 37.00 | 4.92 | |
| 10 | 480.060 | 17.95 | 2.42 | 9.34 | 29.71 | 37.00 | 7.29 | |
| 11 | 600.060 | 20.66 | 2.72 | -0.73 | 22.66 | 37.00 | 14.34 | |
| 12 | 720.060 | 21.45 | 3.10 | 2.78 | 27.33 | 37.00 | 9.67 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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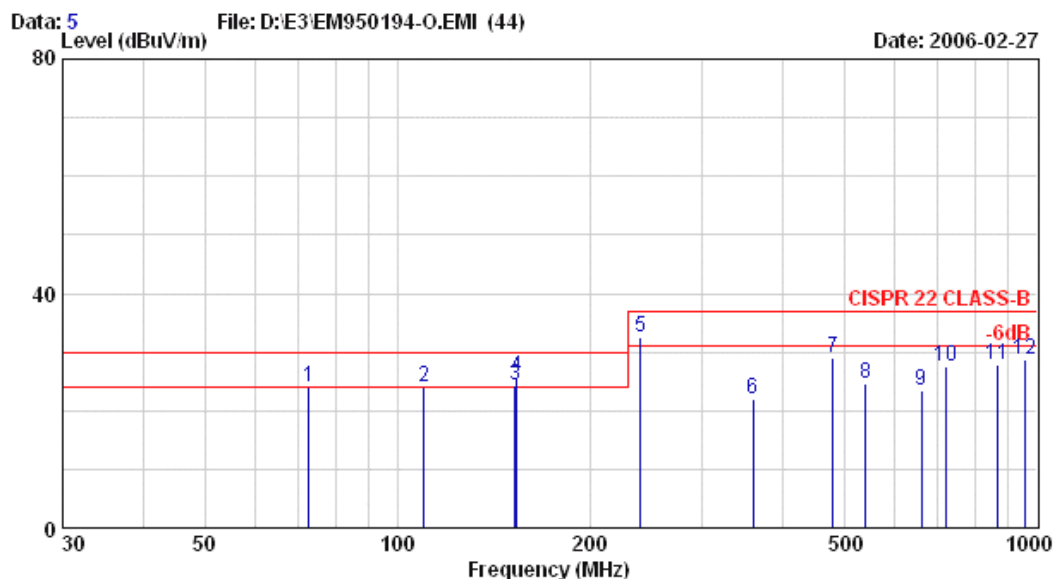
Site no. : NO.4 Open Site Data no. : 7
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 800*600/60Hz 38KHz (D-Sub)
S/N:TY0405406

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 55.560 | 15.08 | 0.80 | 10.60 | 26.48 | 30.00 | 3.52 |
| 2 | 63.273 | 13.94 | 0.86 | 11.14 | 25.95 | 30.00 | 4.05 |
| 3 | 108.783 | 17.10 | 1.11 | 7.26 | 25.47 | 30.00 | 4.53 |
| 4 | 120.000 | 18.21 | 1.11 | 3.38 | 22.70 | 30.00 | 7.30 |
| 5 | 124.268 | 18.68 | 1.14 | 6.01 | 25.83 | 30.00 | 4.17 |
| 6 | 154.040 | 20.81 | 1.35 | 0.73 | 22.89 | 30.00 | 7.11 |
| 7 | 186.345 | 21.67 | 1.59 | -0.88 | 22.38 | 30.00 | 7.62 |
| 8 | 240.028 | 22.57 | 1.62 | 7.08 | 31.27 | 37.00 | 5.73 |
| 9 | 480.041 | 18.40 | 2.42 | 3.40 | 24.22 | 37.00 | 12.78 |
| 10 | 720.063 | 21.70 | 3.10 | 3.49 | 28.29 | 37.00 | 8.71 |
| 11 | 780.060 | 23.45 | 3.25 | 0.20 | 26.90 | 37.00 | 10.10 |
| 12 | 960.042 | 25.61 | 3.47 | -0.61 | 28.46 | 37.00 | 8.54 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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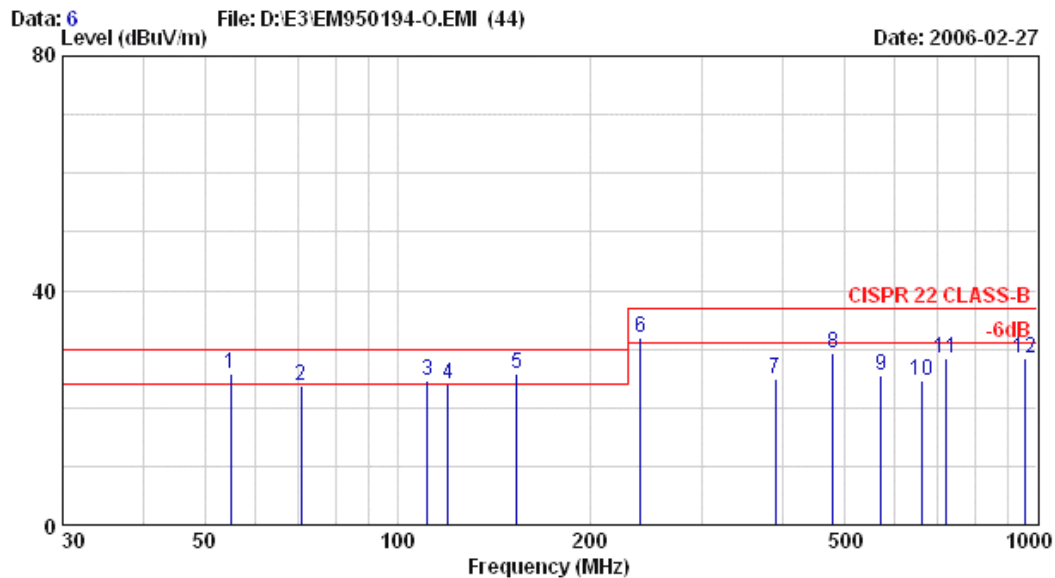
Site no. : NO.4 Open Site Data no. : 5
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-Sub)
S/N:TY0405406

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 72.780 | 13.08 | 0.89 | 9.98 | 23.96 | 30.00 | 6.04 | |
| 2 | 110.080 | 18.64 | 1.11 | 4.19 | 23.94 | 30.00 | 6.06 | |
| 3 | 152.650 | 20.75 | 1.35 | 2.18 | 24.28 | 30.00 | 5.72 | |
| 4 | 153.940 | 20.76 | 1.35 | 3.82 | 25.93 | 30.00 | 4.07 | |
| 5 | 240.018 | 22.77 | 1.62 | 8.27 | 32.66 | 37.00 | 4.34 | |
| 6 | 360.041 | 15.37 | 2.11 | 4.49 | 21.97 | 37.00 | 15.03 | |
| 7 | 480.041 | 17.95 | 2.42 | 8.62 | 28.99 | 37.00 | 8.01 | |
| 8 | 540.041 | 18.66 | 2.52 | 3.53 | 24.71 | 37.00 | 12.29 | |
| 9 | 660.041 | 21.58 | 2.93 | -1.20 | 23.31 | 37.00 | 13.69 | |
| 10 | 720.058 | 21.45 | 3.10 | 2.90 | 27.45 | 37.00 | 9.55 | |
| 11 | 870.041 | 24.59 | 3.37 | -0.15 | 27.82 | 37.00 | 9.18 | |
| 12 | 960.041 | 25.77 | 3.47 | -0.60 | 28.64 | 37.00 | 8.36 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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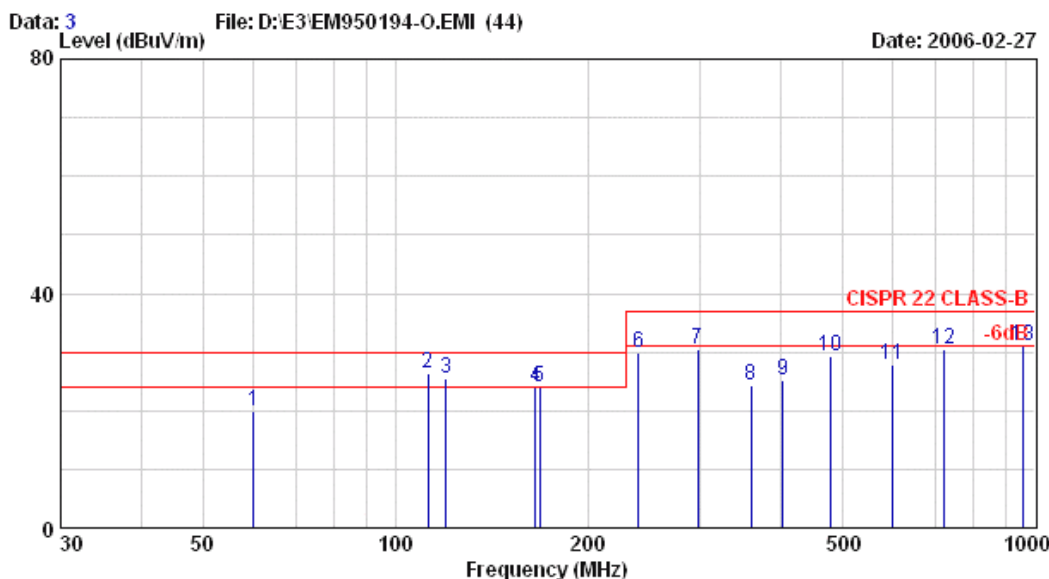
Site no. : NO.4 Open Site Data no. : 6
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-Sub)
S/N:TY0405406

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 54.870 | 15.08 | 0.79 | 9.92 | 25.79 | 30.00 | 4.21 |
| 2 | 70.670 | 13.13 | 0.89 | 9.75 | 23.76 | 30.00 | 6.24 |
| 3 | 111.550 | 17.63 | 1.11 | 5.78 | 24.51 | 30.00 | 5.49 |
| 4 | 120.026 | 18.21 | 1.11 | 4.85 | 24.17 | 30.00 | 5.83 |
| 5 | 153.953 | 20.81 | 1.35 | 3.67 | 25.83 | 30.00 | 4.17 |
| 6 | 240.063 | 22.57 | 1.62 | 7.66 | 31.85 | 37.00 | 5.15 |
| 7 | 390.038 | 16.80 | 2.15 | 5.93 | 24.88 | 37.00 | 12.12 |
| 8 | 480.041 | 18.40 | 2.42 | 8.55 | 29.37 | 37.00 | 7.63 |
| 9 | 570.038 | 20.95 | 2.60 | 1.87 | 25.43 | 37.00 | 11.57 |
| 10 | 660.038 | 20.94 | 2.93 | 0.77 | 24.64 | 37.00 | 12.36 |
| 11 | 720.038 | 21.70 | 3.10 | 3.71 | 28.51 | 37.00 | 8.49 |
| 12 | 960.041 | 25.61 | 3.47 | -0.51 | 28.56 | 37.00 | 8.44 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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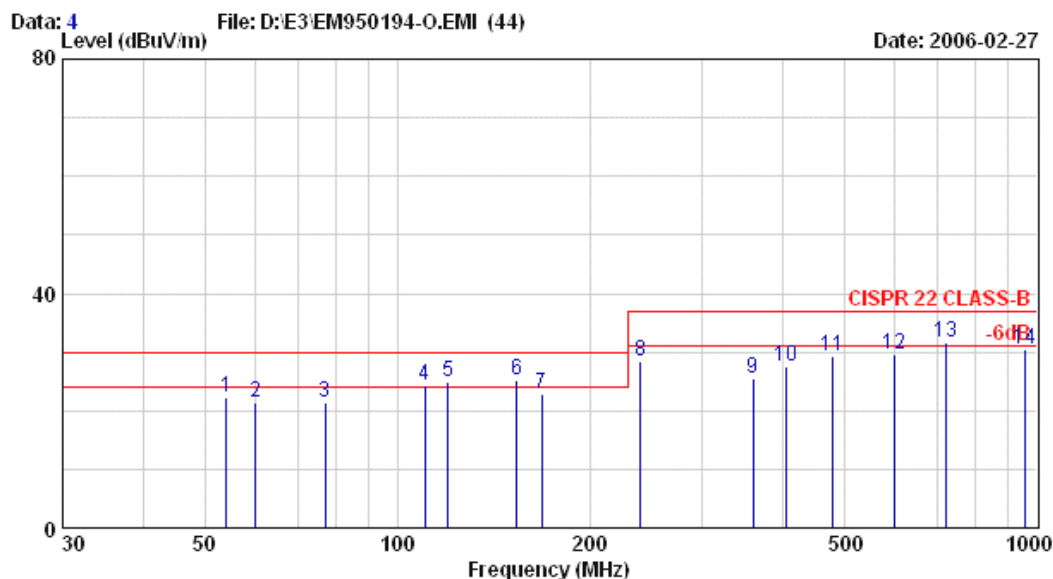
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Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/75Hz 94KHz (D-sub)
S/N:TY0405406

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 60.005 | 13.59 | 0.85 | 5.36 | 19.80 | 30.00 | 10.20 |
| 2 | 112.504 | 18.72 | 1.11 | 6.52 | 26.35 | 30.00 | 3.65 |
| 3 | 120.029 | 18.97 | 1.11 | 5.52 | 25.59 | 30.00 | 4.41 |
| 4 | 165.740 | 20.99 | 1.36 | 1.59 | 23.95 | 30.00 | 6.05 |
| 5 | 168.015 | 21.07 | 1.37 | 1.66 | 24.09 | 30.00 | 5.91 |
| 6 | 240.023 | 22.77 | 1.62 | 5.50 | 29.89 | 37.00 | 7.11 |
| 7 | 296.994 | 25.70 | 1.81 | 3.01 | 30.52 | 37.00 | 6.48 |
| 8 | 360.033 | 15.37 | 2.11 | 6.80 | 24.27 | 37.00 | 12.73 |
| 9 | 404.011 | 16.01 | 2.20 | 7.06 | 25.27 | 37.00 | 11.73 |
| 10 | 480.046 | 17.95 | 2.42 | 8.87 | 29.24 | 37.00 | 7.76 |
| 11 | 600.027 | 20.66 | 2.72 | 4.33 | 27.72 | 37.00 | 9.28 |
| 12 | 720.071 | 21.45 | 3.10 | 6.00 | 30.55 | 37.00 | 6.45 |
| 13 | 960.090 | 25.77 | 3.47 | 1.73 | 30.96 | 37.00 | 6.04 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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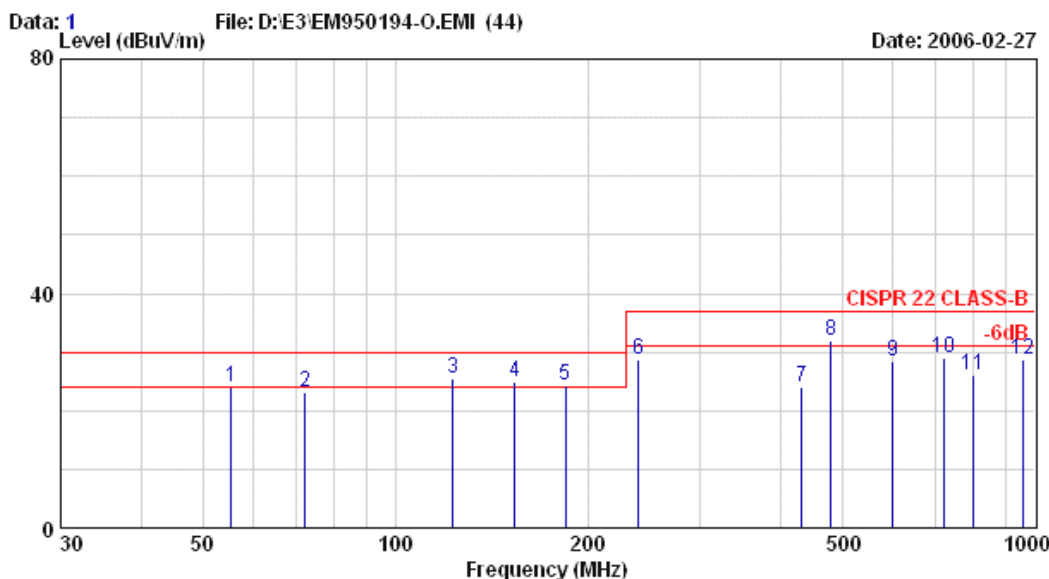
Site no. : NO.4 Open Site Data no. : 4
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/75Hz 94KHz (D-sub)
S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 54.090 | 15.24 | 0.78 | 6.32 | 22.34 | 30.00 | 7.66 | |
| 2 | 60.000 | 14.02 | 0.85 | 6.58 | 21.46 | 30.00 | 8.54 | |
| 3 | 77.140 | 13.98 | 0.92 | 6.57 | 21.48 | 30.00 | 8.52 | |
| 4 | 110.573 | 17.51 | 1.11 | 5.81 | 24.43 | 30.00 | 5.57 | |
| 5 | 120.010 | 18.21 | 1.11 | 5.55 | 24.87 | 30.00 | 5.13 | |
| 6 | 153.988 | 20.81 | 1.35 | 2.98 | 25.14 | 30.00 | 4.86 | |
| 7 | 168.014 | 21.16 | 1.37 | 0.26 | 22.79 | 30.00 | 7.21 | |
| 8 | 240.050 | 22.57 | 1.62 | 4.33 | 28.52 | 37.00 | 8.48 | |
| 9 | 360.033 | 15.32 | 2.11 | 8.14 | 25.56 | 37.00 | 11.44 | |
| 10 | 404.810 | 16.68 | 2.20 | 8.58 | 27.46 | 37.00 | 9.54 | |
| 11 | 480.041 | 18.40 | 2.42 | 8.56 | 29.38 | 37.00 | 7.62 | |
| 12 | 600.056 | 20.76 | 2.72 | 6.11 | 29.60 | 37.00 | 7.40 | |
| 13 | 720.039 | 21.70 | 3.10 | 6.73 | 31.53 | 37.00 | 5.47 | |
| 14 | 960.016 | 25.61 | 3.47 | 1.52 | 30.59 | 37.00 | 6.41 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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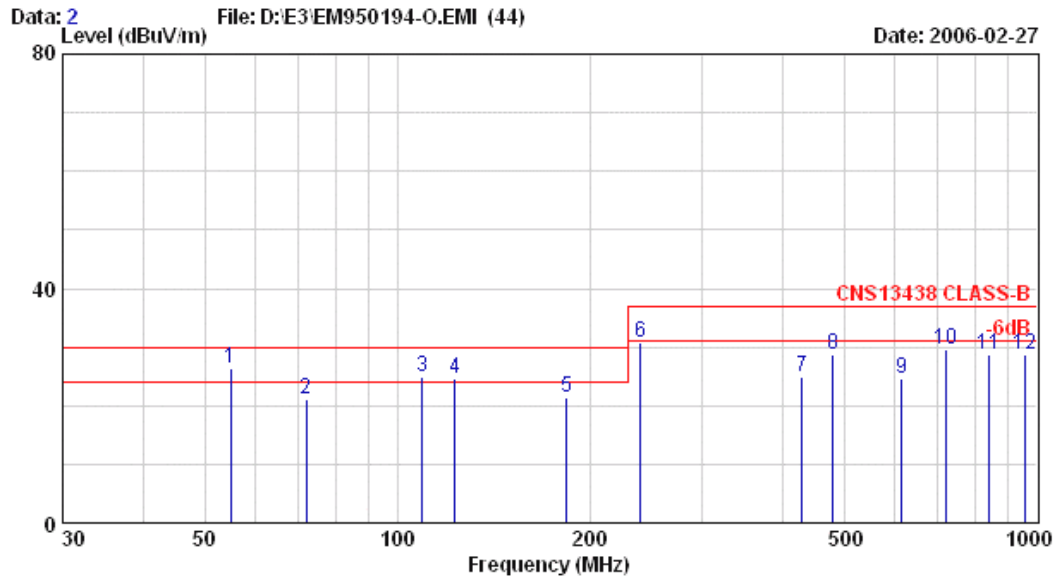
Site no. : NO.4 Open Site Data no. : 1
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (D-Sub)
S/N:TY0405406

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 55.423 | 14.51 | 0.80 | 8.62 | 23.93 | 30.00 | 6.07 | |
| 2 | 72.238 | 13.08 | 0.89 | 9.14 | 23.11 | 30.00 | 6.89 | |
| 3 | 122.958 | 19.12 | 1.13 | 5.10 | 25.35 | 30.00 | 4.65 | |
| 4 | 153.772 | 20.76 | 1.35 | 2.65 | 24.76 | 30.00 | 5.24 | |
| 5 | 184.397 | 21.02 | 1.56 | 1.84 | 24.42 | 30.00 | 5.58 | |
| 6 | 240.000 | 22.63 | 1.62 | 4.61 | 28.86 | 37.00 | 8.14 | |
| 7 | 432.550 | 16.70 | 2.30 | 4.90 | 23.90 | 37.00 | 13.10 | |
| 8 | 480.045 | 17.95 | 2.42 | 11.50 | 31.87 | 37.00 | 5.13 | |
| 9 | 600.056 | 20.66 | 2.72 | 5.01 | 28.40 | 37.00 | 8.60 | |
| 10 | 720.056 | 21.45 | 3.10 | 4.53 | 29.08 | 37.00 | 7.92 | |
| 11 | 801.800 | 23.15 | 3.30 | -0.39 | 26.05 | 37.00 | 10.95 | |
| 12 | 960.056 | 25.77 | 3.47 | -0.47 | 28.77 | 37.00 | 8.23 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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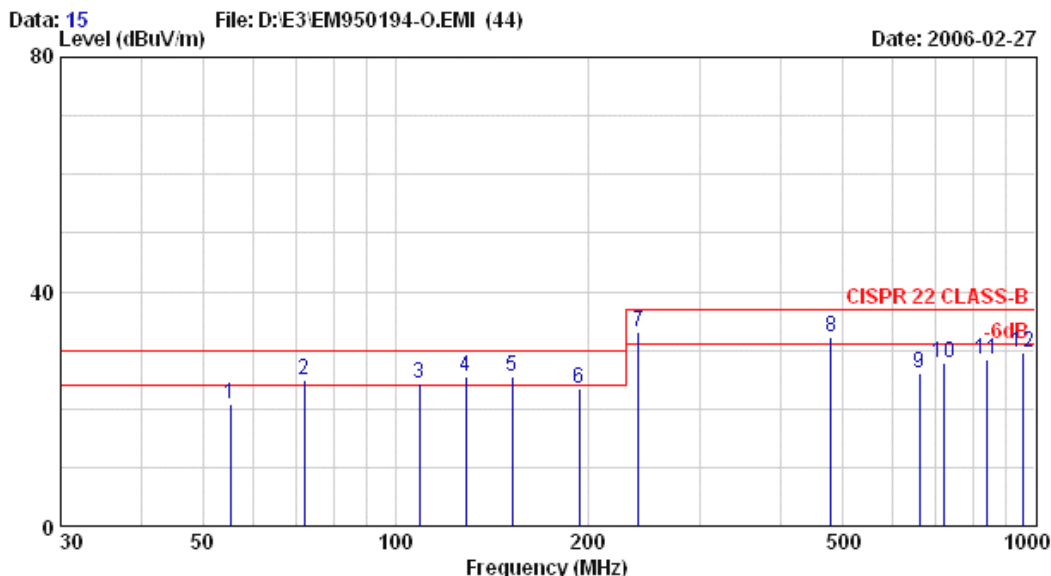
Site no. : NO.4 Open Site Data no. : 2
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CNS13438 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (D-Sub)
S/N:TY0405406

| | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 54.838 | 15.08 | 0.79 | 10.53 | 26.40 | 30.00 | 3.60 |
| 2 | 72.160 | 13.17 | 0.89 | 7.00 | 21.05 | 30.00 | 8.95 |
| 3 | 109.488 | 17.34 | 1.11 | 6.46 | 24.90 | 30.00 | 5.10 |
| 4 | 123.150 | 18.56 | 1.13 | 4.88 | 24.57 | 30.00 | 5.43 |
| 5 | 184.157 | 21.57 | 1.56 | -1.66 | 21.47 | 30.00 | 8.53 |
| 6 | 240.021 | 22.57 | 1.62 | 6.70 | 30.89 | 37.00 | 6.11 |
| 7 | 429.850 | 17.21 | 2.29 | 5.37 | 24.87 | 37.00 | 12.13 |
| 8 | 480.040 | 18.40 | 2.42 | 7.82 | 28.64 | 37.00 | 8.36 |
| 9 | 614.150 | 20.03 | 2.78 | 1.86 | 24.68 | 37.00 | 12.32 |
| 10 | 720.060 | 21.70 | 3.10 | 4.89 | 29.69 | 37.00 | 7.31 |
| 11 | 840.060 | 25.16 | 3.36 | 0.20 | 28.72 | 37.00 | 8.28 |
| 12 | 960.060 | 25.61 | 3.47 | -0.44 | 28.63 | 37.00 | 8.37 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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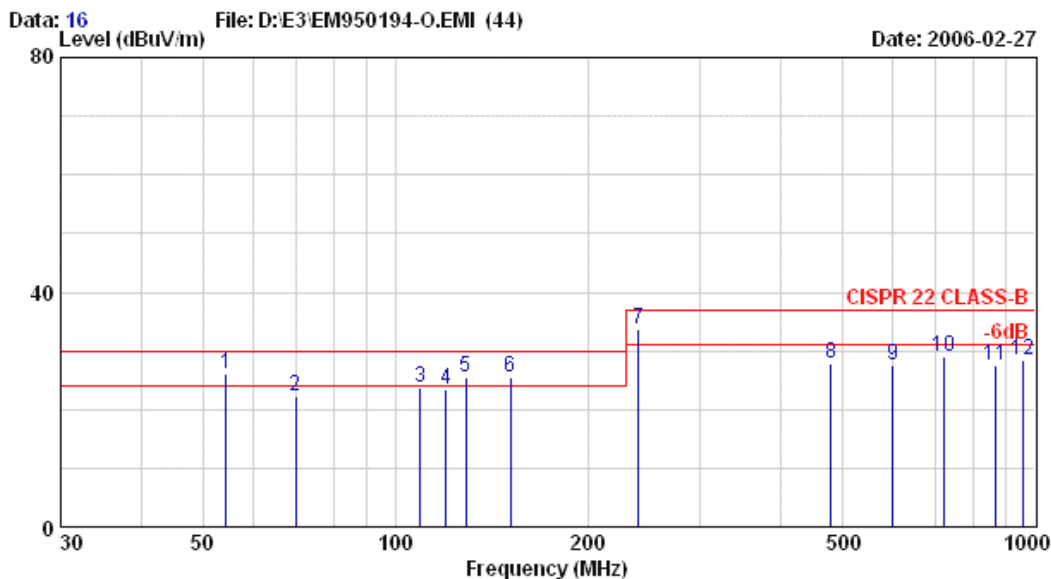
Site no. : NO.4 Open Site Data no. : 15
Dis. / Ant. : 10m VBA6106A/UFA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz (DVI)
S/N: TY0405406

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 55.250 | 14.51 | 0.80 | 5.60 | 20.91 | 30.00 | 9.09 | |
| 2 | 72.098 | 12.95 | 0.89 | 11.07 | 24.91 | 30.00 | 5.09 | |
| 3 | 109.038 | 18.49 | 1.11 | 4.67 | 24.27 | 30.00 | 5.73 | |
| 4 | 129.075 | 19.82 | 1.16 | 4.40 | 25.38 | 30.00 | 4.62 | |
| 5 | 152.218 | 20.75 | 1.35 | 3.26 | 25.36 | 30.00 | 4.64 | |
| 6 | 193.725 | 21.23 | 1.70 | 0.50 | 23.43 | 30.00 | 6.57 | |
| 7 | 240.033 | 22.77 | 1.62 | 8.68 | 33.07 | 37.00 | 3.93 | * |
| 8 | 480.026 | 17.95 | 2.42 | 11.90 | 32.27 | 37.00 | 4.73 | |
| 9 | 660.026 | 21.58 | 2.93 | 1.63 | 26.14 | 37.00 | 10.86 | |
| 10 | 720.026 | 21.45 | 3.10 | 3.22 | 27.77 | 37.00 | 9.23 | |
| 11 | 840.026 | 24.95 | 3.36 | 0.21 | 28.52 | 37.00 | 8.48 | |
| 12 | 960.026 | 25.77 | 3.47 | 0.29 | 29.53 | 37.00 | 7.47 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 240.033MHz with corrected signal level of 33.07dBuV/m (limit is 37.0dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 210°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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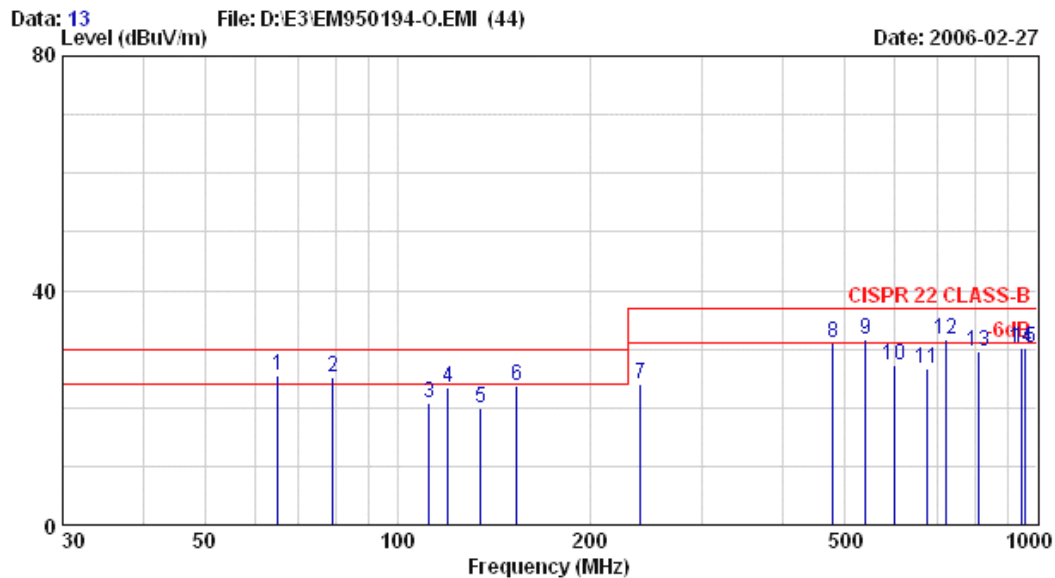
Site no. : NO.4 Open Site Data no. : 16
Dis. / Ant. : 10m VBA6106A/UFA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz (DVI)
S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|---------|-------|---------|----------|----------|--------|--------|---|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dBμV) | (dBμV/m) | (dBμV/m) | (dB) | | |
| 1 | 54.395 | 15.24 | 0.79 | 9.98 | 26.01 | 30.00 | 3.99 | |
| 2 | 69.838 | 12.90 | 0.88 | 8.45 | 22.23 | 30.00 | 7.77 | |
| 3 | 109.515 | 17.34 | 1.11 | 5.24 | 23.68 | 30.00 | 6.32 | |
| 4 | 120.008 | 18.21 | 1.11 | 3.98 | 23.30 | 30.00 | 6.70 | |
| 5 | 129.085 | 19.28 | 1.16 | 5.03 | 25.47 | 30.00 | 4.53 | |
| 6 | 151.228 | 20.78 | 1.35 | 3.26 | 25.39 | 30.00 | 4.61 | |
| 7 | 240.033 | 22.57 | 1.62 | 9.51 | 33.70 | 37.00 | 3.30 | * |
| 8 | 480.040 | 18.40 | 2.42 | 7.10 | 27.92 | 37.00 | 9.08 | |
| 9 | 600.053 | 20.76 | 2.72 | 3.98 | 27.47 | 37.00 | 9.53 | |
| 10 | 720.053 | 21.70 | 3.10 | 4.25 | 29.05 | 37.00 | 7.95 | |
| 11 | 870.053 | 24.39 | 3.37 | -0.16 | 27.60 | 37.00 | 9.40 | |
| 12 | 960.053 | 25.61 | 3.47 | -0.58 | 28.49 | 37.00 | 8.51 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 240.033MHz with corrected signal level of 33.70dBμV/m (limit is 37.0dBμV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 115°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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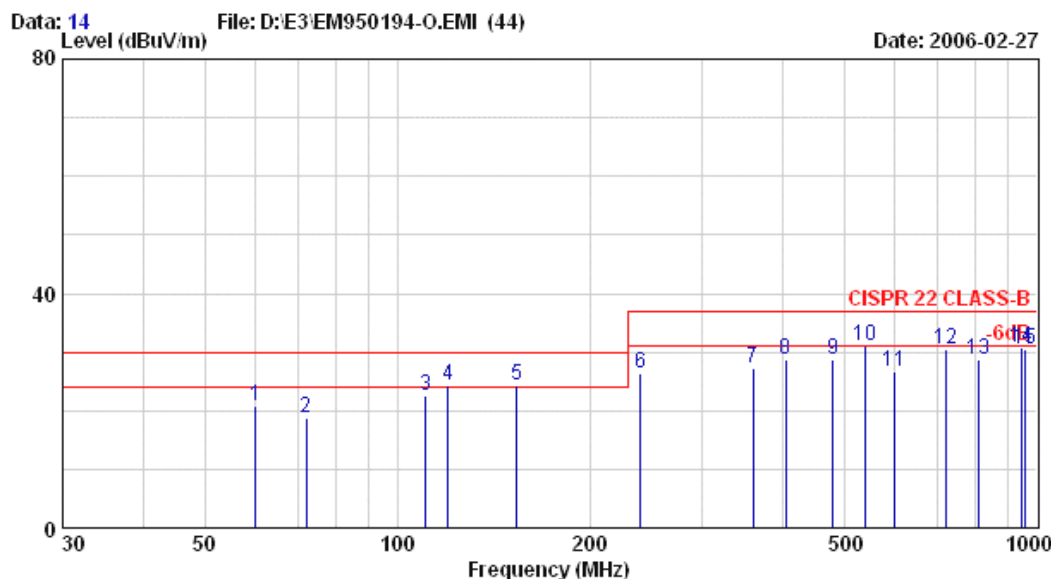
Site no. : NO.4 Open Site Data no. : 13
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75 80KHz (DVI)
S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 65.013 | 12.90 | 0.87 | 11.87 | 25.64 | 30.00 | 4.36 | |
| 2 | 79.350 | 13.86 | 0.94 | 10.27 | 25.07 | 30.00 | 4.93 | |
| 3 | 112.000 | 18.72 | 1.11 | 0.89 | 20.72 | 30.00 | 9.28 | |
| 4 | 120.024 | 18.97 | 1.11 | 3.28 | 23.35 | 30.00 | 6.65 | |
| 5 | 135.000 | 20.31 | 1.23 | -1.55 | 19.99 | 30.00 | 10.01 | |
| 6 | 153.948 | 20.76 | 1.35 | 1.75 | 23.86 | 30.00 | 6.14 | |
| 7 | 240.038 | 22.77 | 1.62 | -0.32 | 24.07 | 37.00 | 12.93 | |
| 8 | 480.051 | 17.95 | 2.42 | 10.80 | 31.17 | 37.00 | 5.83 | |
| 9 | 540.000 | 18.66 | 2.52 | 10.60 | 31.79 | 37.00 | 5.21 | |
| 10 | 600.054 | 20.66 | 2.72 | 3.88 | 27.27 | 37.00 | 9.73 | |
| 11 | 675.000 | 22.30 | 2.96 | 1.42 | 26.68 | 37.00 | 10.32 | |
| 12 | 720.064 | 21.45 | 3.10 | 6.98 | 31.53 | 37.00 | 5.47 | |
| 13 | 810.038 | 23.02 | 3.31 | 3.21 | 29.54 | 37.00 | 7.46 | |
| 14 | 945.000 | 25.55 | 3.44 | 1.19 | 30.18 | 37.00 | 6.82 | |
| 15 | 960.000 | 25.77 | 3.47 | 1.02 | 30.25 | 37.00 | 6.75 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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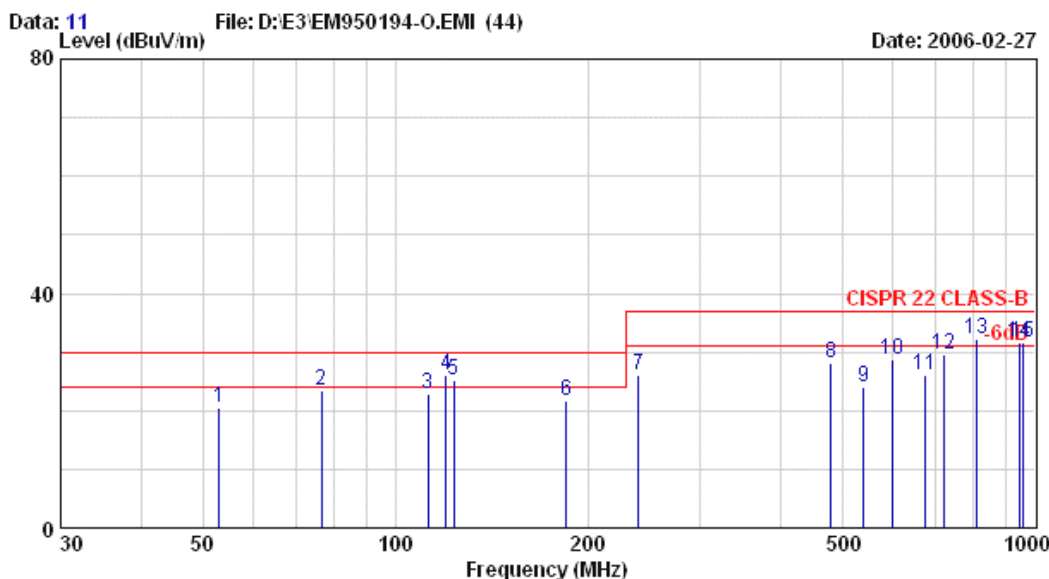
Site no. : NO.4 Open Site Data no. : 14
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)
S/N:TY0405406

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 60.000 | 14.02 | 0.85 | 5.88 | 20.76 | 30.00 | 9.24 | |
| 2 | 72.000 | 13.17 | 0.89 | 4.64 | 18.70 | 30.00 | 11.30 | |
| 3 | 110.700 | 17.51 | 1.11 | 3.86 | 22.48 | 30.00 | 7.52 | |
| 4 | 120.000 | 18.21 | 1.11 | 5.01 | 24.33 | 30.00 | 5.67 | |
| 5 | 153.950 | 20.81 | 1.35 | 2.29 | 24.45 | 30.00 | 5.55 | |
| 6 | 240.026 | 22.57 | 1.62 | 2.31 | 26.50 | 37.00 | 10.50 | |
| 7 | 360.020 | 15.32 | 2.11 | 9.80 | 27.22 | 37.00 | 9.78 | |
| 8 | 405.038 | 16.68 | 2.20 | 9.85 | 28.73 | 37.00 | 8.27 | |
| 9 | 480.064 | 18.40 | 2.42 | 7.87 | 28.69 | 37.00 | 8.31 | |
| 10 | 540.013 | 19.45 | 2.52 | 9.06 | 31.03 | 37.00 | 5.97 | |
| 11 | 600.056 | 20.76 | 2.72 | 3.16 | 26.65 | 37.00 | 10.35 | |
| 12 | 720.076 | 21.70 | 3.10 | 5.77 | 30.57 | 37.00 | 6.43 | |
| 13 | 810.000 | 23.56 | 3.31 | 1.97 | 28.84 | 37.00 | 8.16 | |
| 14 | 945.000 | 25.39 | 3.44 | 1.93 | 30.76 | 37.00 | 6.24 | |
| 15 | 960.038 | 25.61 | 3.47 | 1.32 | 30.39 | 37.00 | 6.61 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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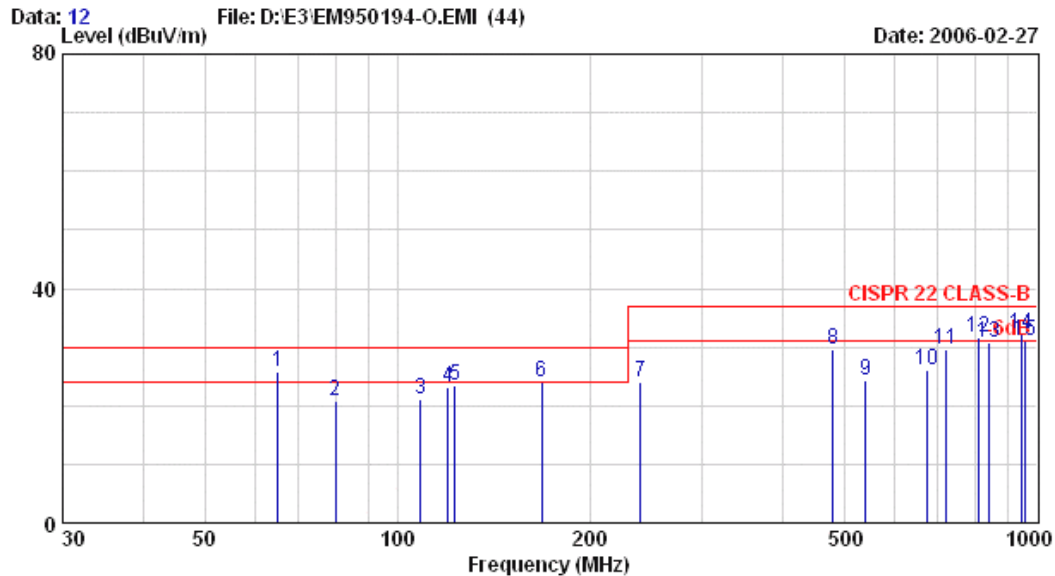
Site no. : NO.4 Open Site Data no. : 11
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/60Hz 76KHz (DVI)
S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 53.015 | 14.91 | 0.77 | 4.69 | 20.37 | 30.00 | 9.63 | |
| 2 | 76.779 | 13.54 | 0.92 | 9.06 | 23.52 | 30.00 | 6.48 | |
| 3 | 112.538 | 18.72 | 1.11 | 3.11 | 22.94 | 30.00 | 7.06 | |
| 4 | 120.035 | 18.97 | 1.11 | 5.98 | 26.05 | 30.00 | 3.95 | |
| 5 | 123.309 | 19.12 | 1.13 | 5.04 | 25.30 | 30.00 | 4.70 | |
| 6 | 185.000 | 21.01 | 1.58 | -1.05 | 21.54 | 30.00 | 8.46 | |
| 7 | 240.024 | 22.77 | 1.62 | 1.74 | 26.13 | 37.00 | 10.87 | |
| 8 | 480.054 | 17.95 | 2.42 | 7.67 | 28.04 | 37.00 | 8.96 | |
| 9 | 539.949 | 18.66 | 2.52 | 2.92 | 24.10 | 37.00 | 12.90 | |
| 10 | 600.054 | 20.66 | 2.72 | 5.44 | 28.83 | 37.00 | 8.17 | |
| 11 | 675.014 | 22.30 | 2.96 | 0.92 | 26.18 | 37.00 | 10.82 | |
| 12 | 720.055 | 21.45 | 3.10 | 5.12 | 29.67 | 37.00 | 7.33 | |
| 13 | 809.994 | 23.02 | 3.31 | 6.03 | 32.36 | 37.00 | 4.64 | |
| 14 | 944.985 | 25.55 | 3.44 | 2.57 | 31.56 | 37.00 | 5.44 | |
| 15 | 960.055 | 25.77 | 3.47 | 2.42 | 31.65 | 37.00 | 5.35 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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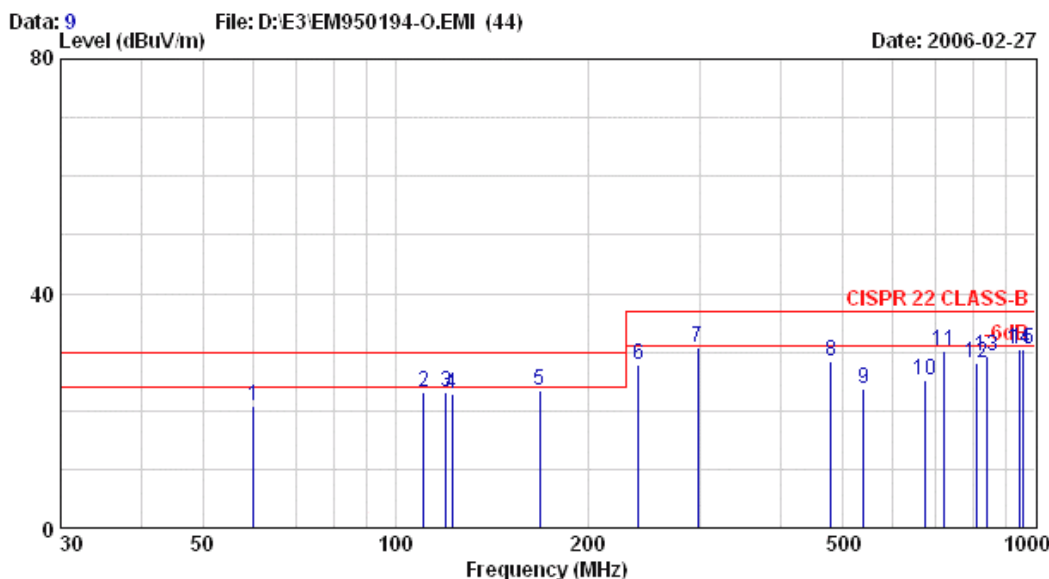
Site no. : NO.4 Open Site Data no. : 12
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1600*1200/60Hz 76KHz (DVI)
S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 65.026 | 12.90 | 0.87 | 12.01 | 25.78 | 30.00 | 4.22 | |
| 2 | 80.112 | 13.98 | 0.94 | 5.75 | 20.67 | 30.00 | 9.33 | |
| 3 | 108.850 | 18.49 | 1.11 | 1.55 | 21.15 | 30.00 | 8.85 | |
| 4 | 120.013 | 18.97 | 1.11 | 3.06 | 23.13 | 30.00 | 6.87 | |
| 5 | 123.218 | 19.12 | 1.13 | 3.11 | 23.37 | 30.00 | 6.63 | |
| 6 | 168.025 | 21.07 | 1.37 | 1.68 | 24.11 | 30.00 | 5.89 | |
| 7 | 240.013 | 22.77 | 1.62 | -0.26 | 24.13 | 37.00 | 12.87 | |
| 8 | 480.061 | 17.95 | 2.42 | 9.23 | 29.60 | 37.00 | 7.40 | |
| 9 | 539.989 | 18.66 | 2.52 | 3.11 | 24.30 | 37.00 | 12.70 | |
| 10 | 674.985 | 22.30 | 2.96 | 0.73 | 25.99 | 37.00 | 11.01 | |
| 11 | 720.011 | 21.45 | 3.10 | 5.01 | 29.56 | 37.00 | 7.44 | |
| 12 | 810.000 | 23.02 | 3.31 | 5.39 | 31.72 | 37.00 | 5.28 | |
| 13 | 840.000 | 24.95 | 3.36 | 2.39 | 30.70 | 37.00 | 6.30 | |
| 14 | 944.970 | 25.55 | 3.44 | 3.35 | 32.34 | 37.00 | 4.66 | |
| 15 | 960.000 | 25.77 | 3.47 | 1.92 | 31.15 | 37.00 | 5.85 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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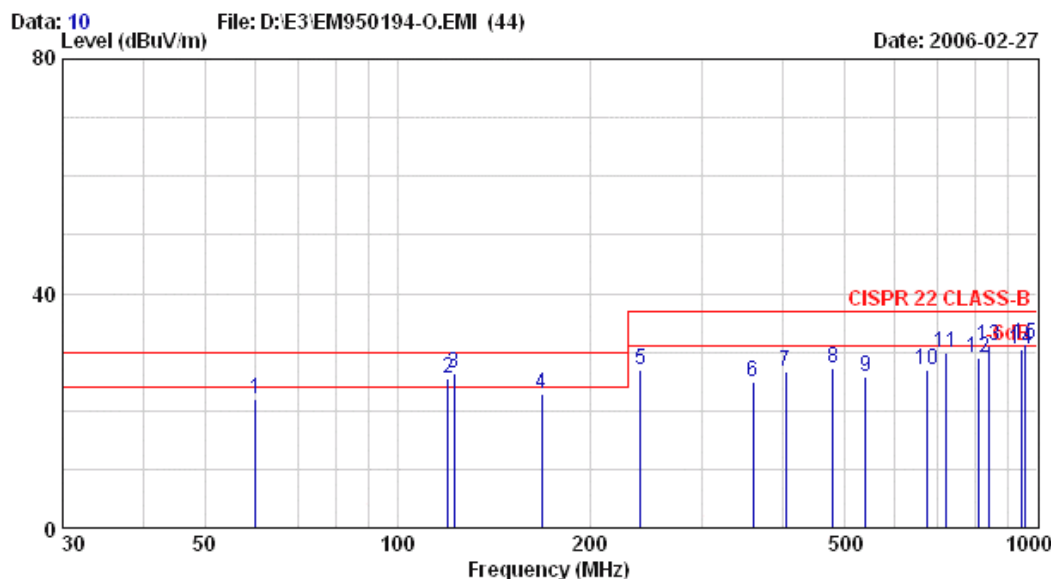
Site no. : NO.4 Open Site Data no. : 9
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (DVI)
S/N:TY0405406

| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 60.085 | 13.59 | 0.85 | 6.34 | 20.78 | 30.00 | 9.22 | |
| 2 | 110.897 | 18.64 | 1.11 | 3.50 | 23.25 | 30.00 | 6.75 | |
| 3 | 120.020 | 18.97 | 1.11 | 2.96 | 23.03 | 30.00 | 6.97 | |
| 4 | 122.576 | 19.08 | 1.13 | 2.53 | 22.74 | 30.00 | 7.26 | |
| 5 | 168.009 | 21.07 | 1.37 | 1.14 | 23.57 | 30.00 | 6.43 | |
| 6 | 240.019 | 22.77 | 1.62 | 3.44 | 27.83 | 37.00 | 9.17 | |
| 7 | 296.998 | 25.70 | 1.81 | 3.40 | 30.91 | 37.00 | 6.09 | |
| 8 | 480.060 | 17.95 | 2.42 | 8.03 | 28.40 | 37.00 | 8.60 | |
| 9 | 540.060 | 18.66 | 2.52 | 2.45 | 23.63 | 37.00 | 13.37 | |
| 10 | 675.000 | 22.30 | 2.96 | -0.04 | 25.22 | 37.00 | 11.78 | |
| 11 | 720.060 | 21.45 | 3.10 | 5.61 | 30.16 | 37.00 | 6.84 | |
| 12 | 809.949 | 23.02 | 3.31 | 1.71 | 28.04 | 37.00 | 8.96 | |
| 13 | 840.084 | 24.95 | 3.36 | 1.09 | 29.39 | 37.00 | 7.61 | |
| 14 | 944.975 | 25.55 | 3.44 | 1.47 | 30.46 | 37.00 | 6.54 | |
| 15 | 960.021 | 25.77 | 3.47 | 1.24 | 30.47 | 37.00 | 6.53 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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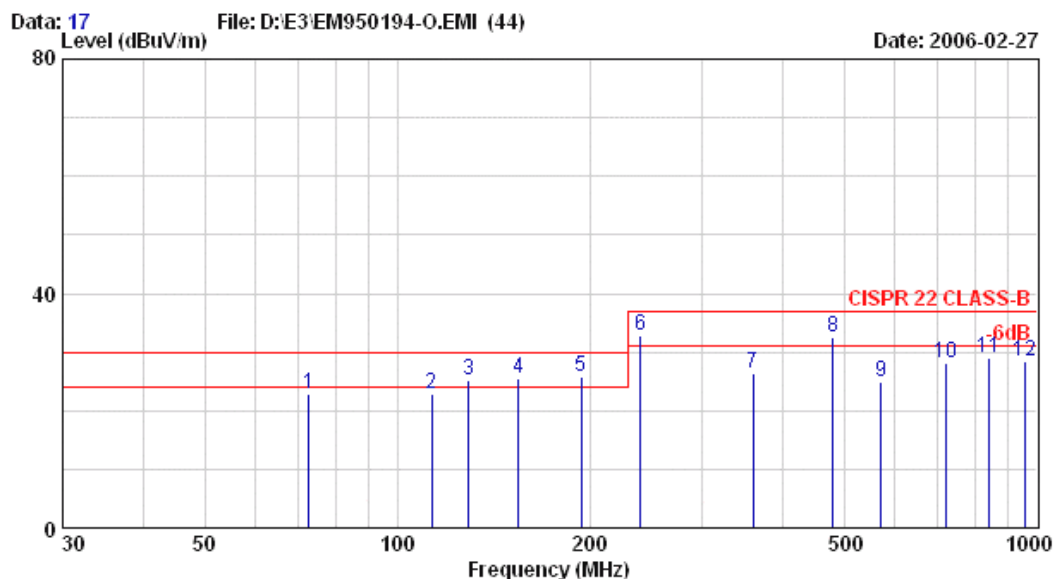
Site no. : NO.4 Open Site Data no. : 10
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (DVI)
S/N:TY0405406

| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 60.004 | 14.02 | 0.85 | 7.09 | 21.97 | 30.00 | 8.03 |
| 2 | 120.029 | 18.21 | 1.11 | 6.11 | 25.43 | 30.00 | 4.57 |
| 3 | 122.588 | 18.39 | 1.13 | 6.87 | 26.40 | 30.00 | 3.60 |
| 4 | 168.001 | 21.16 | 1.37 | 0.42 | 22.95 | 30.00 | 7.05 |
| 5 | 240.021 | 22.57 | 1.62 | 2.65 | 26.84 | 37.00 | 10.16 |
| 6 | 360.000 | 15.32 | 2.11 | 7.36 | 24.78 | 37.00 | 12.22 |
| 7 | 405.035 | 16.68 | 2.20 | 7.67 | 26.55 | 37.00 | 10.45 |
| 8 | 480.026 | 18.40 | 2.42 | 6.31 | 27.13 | 37.00 | 9.87 |
| 9 | 540.015 | 19.45 | 2.52 | 3.76 | 25.73 | 37.00 | 11.27 |
| 10 | 674.998 | 22.12 | 2.96 | 1.96 | 27.04 | 37.00 | 9.96 |
| 11 | 719.982 | 21.70 | 3.10 | 4.98 | 29.78 | 37.00 | 7.22 |
| 12 | 809.990 | 23.56 | 3.31 | 2.19 | 29.06 | 37.00 | 7.94 |
| 13 | 840.010 | 25.16 | 3.36 | 2.45 | 30.97 | 37.00 | 6.03 |
| 14 | 944.959 | 25.39 | 3.44 | 1.51 | 30.34 | 37.00 | 6.66 |
| 15 | 959.985 | 25.61 | 3.47 | 2.28 | 31.35 | 37.00 | 5.65 |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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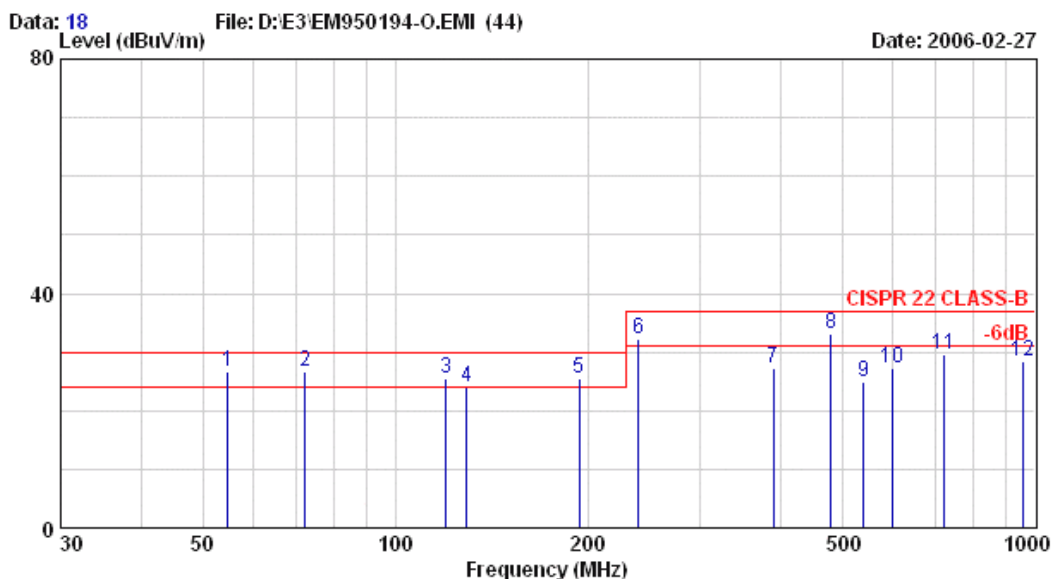
Site no. : NO.4 Open Site Data no. : 17
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 480*640/60Hz (Rotate) (DVI)
S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 72.780 | 13.08 | 0.89 | 8.86 | 22.84 | 30.00 | 7.16 | |
| 2 | 113.058 | 18.74 | 1.10 | 3.05 | 22.90 | 30.00 | 7.10 | |
| 3 | 129.371 | 19.82 | 1.17 | 4.17 | 25.15 | 30.00 | 4.85 | |
| 4 | 154.508 | 20.76 | 1.35 | 3.36 | 25.47 | 30.00 | 4.53 | |
| 5 | 194.028 | 21.23 | 1.69 | 2.84 | 25.75 | 30.00 | 4.25 | |
| 6 | 240.015 | 22.77 | 1.62 | 8.49 | 32.88 | 37.00 | 4.12 | |
| 7 | 360.015 | 15.37 | 2.11 | 8.95 | 26.43 | 37.00 | 10.57 | |
| 8 | 480.015 | 17.95 | 2.42 | 12.27 | 32.64 | 37.00 | 4.36 | |
| 9 | 570.015 | 20.79 | 2.60 | 1.55 | 24.94 | 37.00 | 12.06 | |
| 10 | 720.015 | 21.45 | 3.10 | 3.64 | 28.19 | 37.00 | 8.81 | |
| 11 | 840.015 | 24.95 | 3.36 | 0.63 | 28.94 | 37.00 | 8.06 | |
| 12 | 960.015 | 25.77 | 3.47 | -0.68 | 28.56 | 37.00 | 8.44 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : NO.4 Open Site Data no. : 18
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 17°C/74% ESVS 10 Engineer : Jingo
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 480*640/60Hz (Rotate) (DVI)
S/N:TY0405406

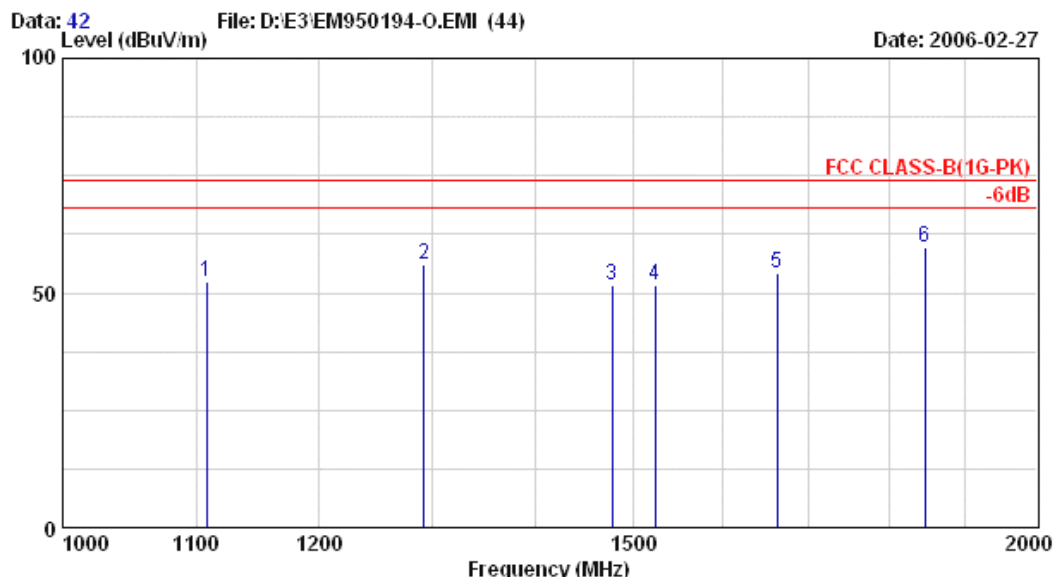
| | Freq. | Ant. | Cable | | Emission | | | |
|----|---------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 54.750 | 15.08 | 0.79 | 10.72 | 26.59 | 30.00 | 3.41 | @ |
| 2 | 72.250 | 13.22 | 0.89 | 12.46 | 26.57 | 30.00 | 3.43 | @ |
| 3 | 120.000 | 18.21 | 1.11 | 6.27 | 25.59 | 30.00 | 4.41 | @ |
| 4 | 129.370 | 19.28 | 1.17 | 3.55 | 23.99 | 30.00 | 6.01 | |
| 5 | 194.016 | 22.23 | 1.69 | 1.63 | 25.55 | 30.00 | 4.45 | @ |
| 6 | 240.015 | 22.57 | 1.62 | 7.99 | 32.18 | 37.00 | 4.82 | ! |
| 7 | 390.002 | 16.80 | 2.15 | 8.31 | 27.26 | 37.00 | 9.74 | |
| 8 | 480.002 | 18.40 | 2.42 | 12.26 | 33.08 | 37.00 | 3.92 | @ |
| 9 | 540.002 | 19.45 | 2.52 | 2.99 | 24.96 | 37.00 | 12.04 | |
| 10 | 600.002 | 20.76 | 2.72 | 3.71 | 27.20 | 37.00 | 9.80 | |
| 11 | 720.002 | 21.70 | 3.10 | 4.83 | 29.63 | 37.00 | 7.37 | |
| 12 | 960.002 | 25.61 | 3.47 | -0.63 | 28.44 | 37.00 | 8.56 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

3.7.2. Frequency Range 1 – 2GHz, Radiated Emission Measurement Results at No 6 Open Area Test Site



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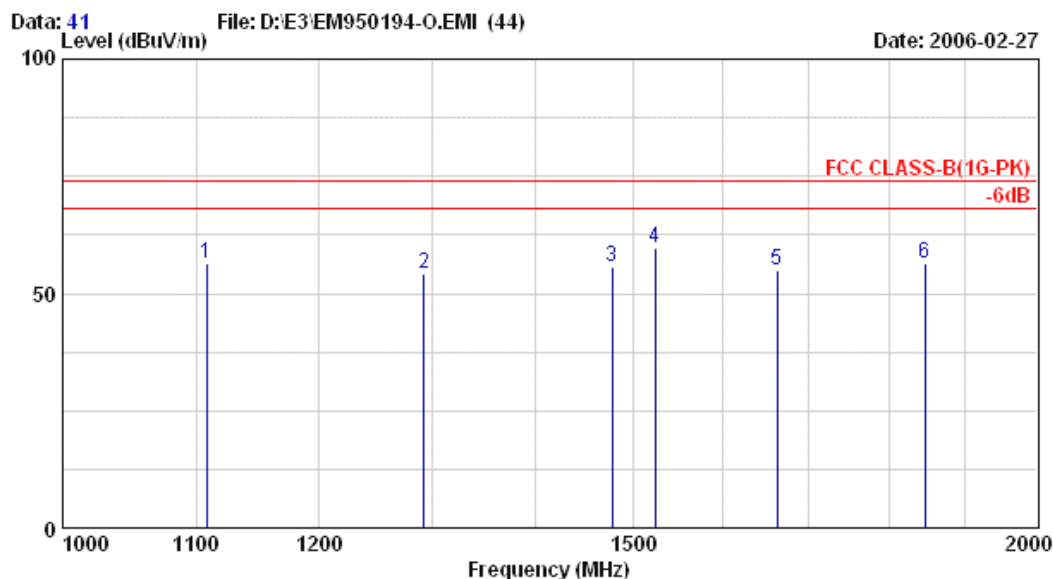
Site no. : NO.4 Open Site Data no. : 42
Dis. / Ant. : 3m HORN ANT Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-PK)
Env. / Ins. : 17°C/74% Engineer : Tim
EUT : LCD Color Monitor M/N:HWB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (DVI)
S/N:TY0405400

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 1108.000 | 24.92 | 2.02 | 25.53 | 52.47 | 74.00 | 21.53 | Peak |
| 2 | 1293.000 | 25.42 | 2.04 | 28.64 | 56.10 | 74.00 | 17.90 | Peak |
| 3 | 1478.000 | 25.84 | 2.07 | 23.73 | 51.63 | 74.00 | 22.37 | Peak |
| 4 | 1524.000 | 25.94 | 2.07 | 23.75 | 51.76 | 74.00 | 22.24 | Peak |
| 5 | 1662.000 | 26.21 | 2.09 | 25.81 | 54.11 | 74.00 | 19.89 | Peak |
| 6 | 1847.000 | 26.54 | 2.10 | 30.88 | 59.53 | 74.00 | 14.47 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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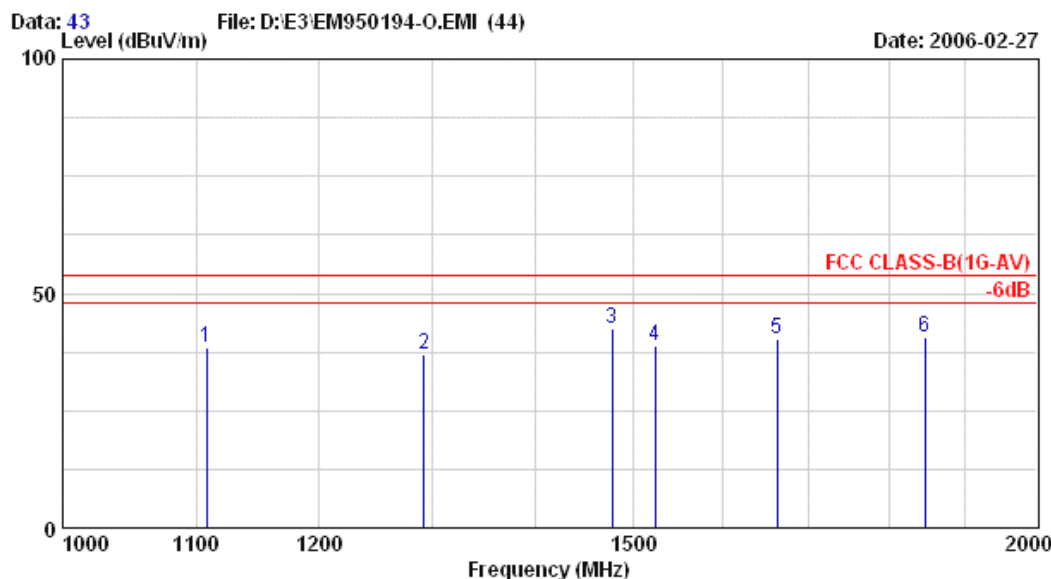
Site no. : NO.4 Open Site Data no. : 41
 Dis. / Ant. : 3m HORN ANT Ant. pol. : VERTICAL
 Limit : FCC CLASS-B(1G-PK)
 Env. / Ins. : 17°C/74% Engineer : Tim
 EUT : LCD Color Monitor M/N:HMB7200P
 Power Rating : 120Vac/60Hz
 Test Mode : 1680*1050/60Hz 66KHz (DVI)
 S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|---|----------|--------|-------|---------|----------|----------|--------|--------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1108.000 | 24.92 | 2.02 | 29.53 | 56.47 | 74.00 | 17.53 | Peak |
| 2 | 1293.000 | 25.42 | 2.04 | 26.64 | 54.10 | 74.00 | 19.90 | Peak |
| 3 | 1478.000 | 25.84 | 2.07 | 27.73 | 55.63 | 74.00 | 18.37 | Peak |
| 4 | 1524.000 | 25.94 | 2.07 | 31.75 | 59.76 | 74.00 | 14.24 | Peak |
| 5 | 1662.000 | 26.21 | 2.09 | 26.81 | 55.11 | 74.00 | 18.89 | Peak |
| 6 | 1847.000 | 26.54 | 2.10 | 27.88 | 56.53 | 74.00 | 17.47 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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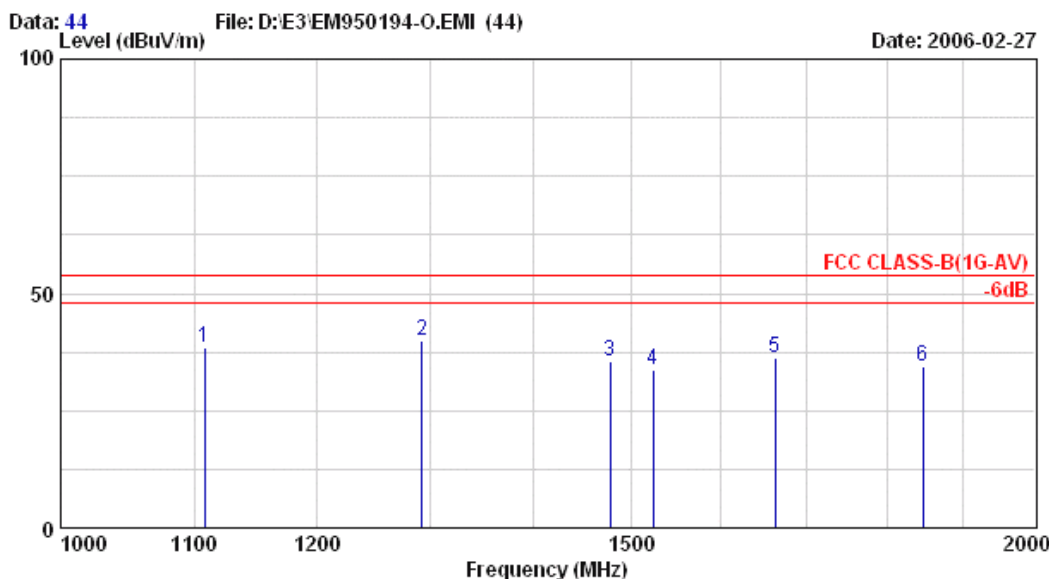
Site no. : NO.4 Open Site Data no. : 43
Dis. / Ant. : 3m HORN ANT Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-AV)
Env. / Ins. : 17°C/74% Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (DVI)
S/N:TY0405400

| | | Ant. | Cable | | Emission | | | |
|-------|----------|--------|-------|---------|----------|----------|--------|---------|
| Freq. | | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1108.000 | 24.92 | 2.02 | 11.53 | 38.47 | 54.00 | 15.53 | Average |
| 2 | 1293.000 | 25.42 | 2.04 | 9.64 | 37.10 | 54.00 | 16.90 | Average |
| 3 | 1478.000 | 25.84 | 2.07 | 14.73 | 42.63 | 54.00 | 11.37 | Average |
| 4 | 1524.000 | 25.94 | 2.07 | 10.75 | 38.76 | 54.00 | 15.24 | Average |
| 5 | 1662.000 | 26.21 | 2.09 | 11.81 | 40.11 | 54.00 | 13.89 | Average |
| 6 | 1847.000 | 26.54 | 2.10 | 11.88 | 40.53 | 54.00 | 13.47 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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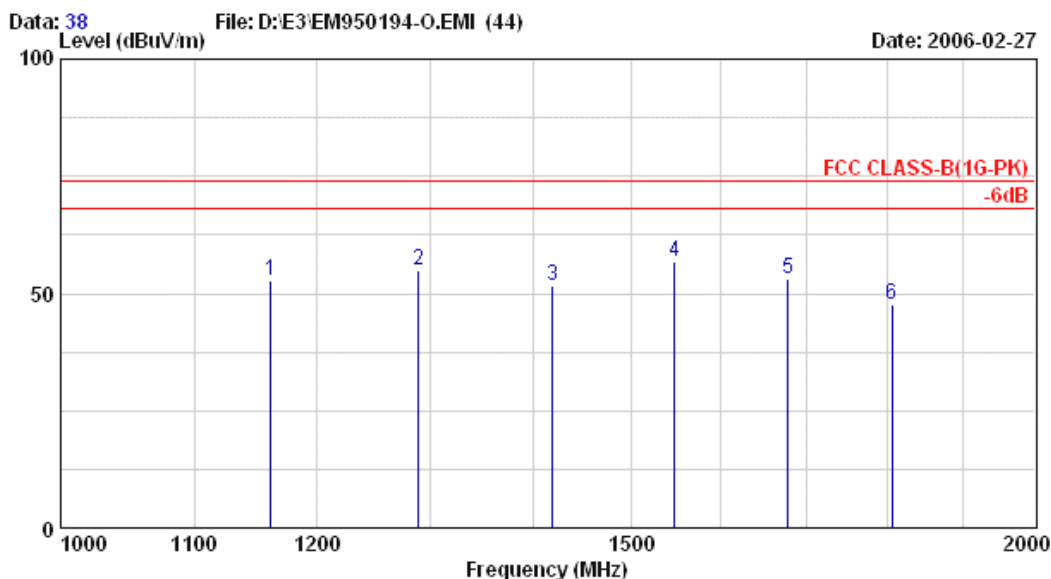
Site no. : NO.4 Open Site Data no. : 44
Dis. / Ant. : 3m HORN ANT Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-AV)
Env. / Ins. : 17°C/74% Engineer : Tim
EUT : LCD Color Monitor M/N:HMB7200P
Power Rating : 120Vac/60Hz
Test Mode : 1680*1050/60Hz 66KHz (DVI)
S/N:TY0405400

| | Freq. | Ant. | Cable | | Emission | | | |
|---|----------|--------|-------|---------|----------|----------|--------|---------|
| | (MHz) | Factor | Loss | Reading | Level | Limits | Margin | Remark |
| | | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1108.000 | 24.92 | 2.02 | 11.53 | 38.47 | 54.00 | 15.53 | Average |
| 2 | 1293.000 | 25.42 | 2.04 | 12.64 | 40.10 | 54.00 | 13.90 | Average |
| 3 | 1478.000 | 25.84 | 2.07 | 7.73 | 35.63 | 54.00 | 18.37 | Average |
| 4 | 1524.000 | 25.94 | 2.07 | 5.75 | 33.76 | 54.00 | 20.24 | Average |
| 5 | 1662.000 | 26.21 | 2.09 | 7.81 | 36.11 | 54.00 | 17.89 | Average |
| 6 | 1847.000 | 26.54 | 2.10 | 5.88 | 34.53 | 54.00 | 19.47 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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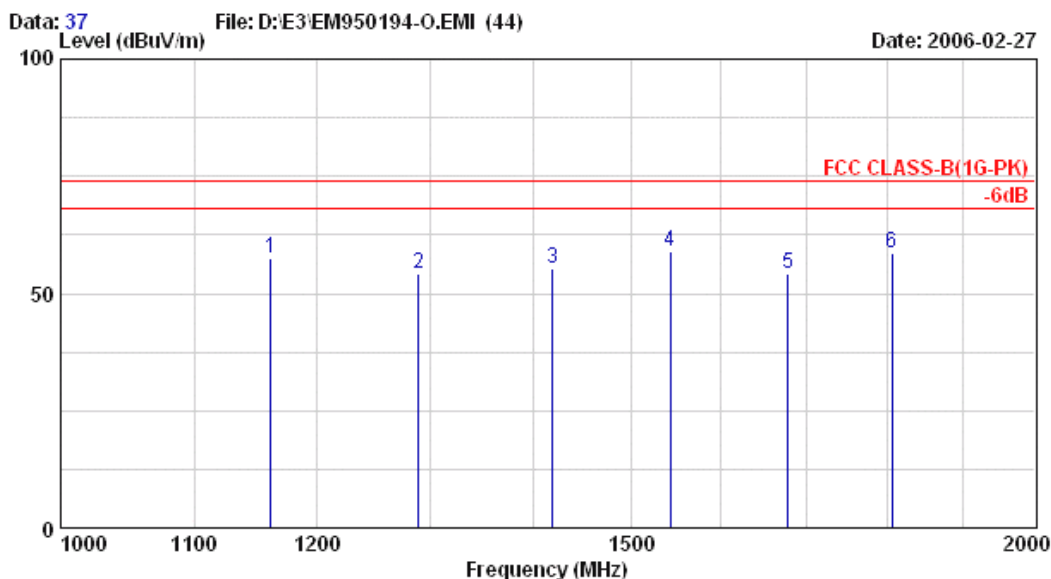
Site no. : NO.4 Open Site Data no. : 38
 Dis. / Ant. : 3m HORN ANT Ant. pol. : HORIZONTAL
 Limit : FCC CLASS-B(1G-PK)
 Env. / Ins. : 17°C/74% Engineer : Tim
 EUT : LCD Color Monitor M/N:HWP7200P
 Power Rating : 120Vac/60Hz
 Test Mode : 640*480/60Hz 31KHz (DVI)
 S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|----------|-------|---------|----------|----------|--------|--------|------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 | 1161.000 | 25.08 | 2.02 | 25.56 | 52.67 | 74.00 | 21.33 | Peak |
| 2 | 1290.000 | 25.41 | 2.04 | 27.64 | 55.09 | 74.00 | 18.91 | Peak |
| 3 | 1419.000 | 25.71 | 2.06 | 23.70 | 51.47 | 74.00 | 22.53 | Peak |
| 4 | 1548.000 | 25.98 | 2.07 | 28.76 | 56.82 | 74.00 | 17.18 | Peak |
| 5 | 1678.000 | 26.24 | 2.09 | 24.82 | 53.15 | 74.00 | 20.85 | Peak |
| 6 | 1807.000 | 26.48 | 2.10 | 18.87 | 47.45 | 74.00 | 26.55 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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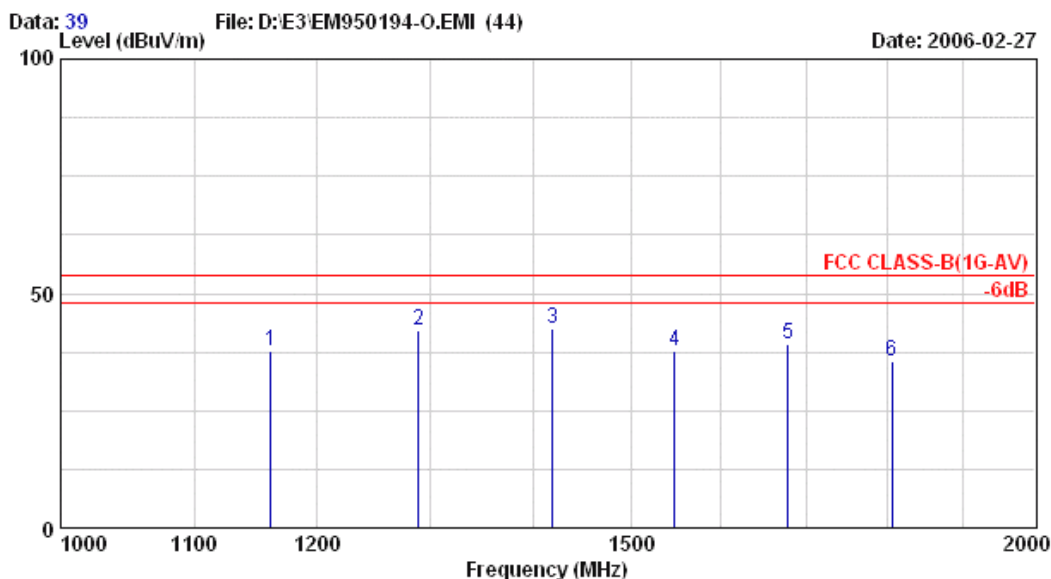
Site no. : NO.4 Open Site Data no. : 37
 Dis. / Ant. : 3m HORN ANT Ant. pol. : VERTICAL
 Limit : FCC CLASS-B(1G-PK)
 Env. / Ins. : 17°C/74% Engineer : Tim
 EUT : LCD Color Monitor M/N:HWP7200P
 Power Rating : 120Vac/60Hz
 Test Mode : 640*480/60Hz 31KHz (DVI)
 S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|----------|-------|---------|----------|----------|--------|--------|------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 | 1161.000 | 25.08 | 2.02 | 30.56 | 57.67 | 74.00 | 16.33 | Peak |
| 2 | 1290.000 | 25.41 | 2.04 | 26.64 | 54.09 | 74.00 | 19.91 | Peak |
| 3 | 1419.000 | 25.71 | 2.06 | 27.70 | 55.47 | 74.00 | 18.53 | Peak |
| 4 | 1543.000 | 25.98 | 2.07 | 30.76 | 58.81 | 74.00 | 15.19 | Peak |
| 5 | 1678.000 | 26.24 | 2.09 | 25.82 | 54.15 | 74.00 | 19.85 | Peak |
| 6 | 1807.000 | 26.48 | 2.10 | 29.87 | 58.45 | 74.00 | 15.55 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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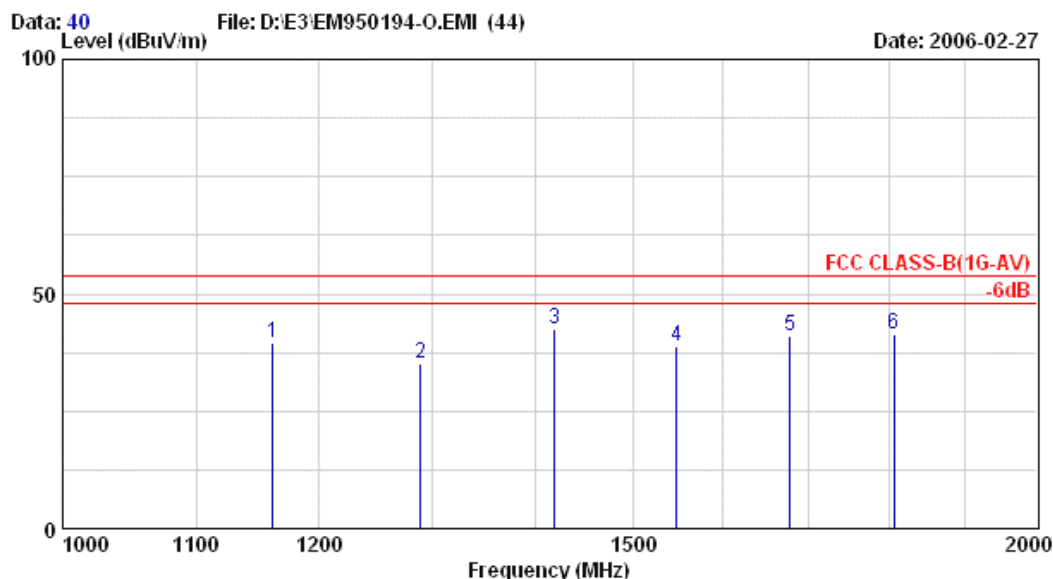
Site no. : NO.4 Open Site Data no. : 39
 Dis. / Ant. : 3m HORN ANT Ant. pol. : HORIZONTAL
 Limit : FCC CLASS-B(1G-AV)
 Env. / Ins. : 17°C/74% Engineer : Tim
 EUT : LCD Color Monitor M/N:HWP7200P
 Power Rating : 120Vac/60Hz
 Test Mode : 640*480/60Hz 31KHz (DVI)
 S/N:TY0405406

| | | Ant. | Cable | | Emission | | | |
|-------|----------|-------|---------|----------|----------|--------|--------|---------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 | 1161.000 | 25.08 | 2.02 | 10.56 | 37.67 | 54.00 | 16.33 | Average |
| 2 | 1290.000 | 25.41 | 2.04 | 14.64 | 42.09 | 54.00 | 11.91 | Average |
| 3 | 1419.000 | 25.71 | 2.06 | 14.70 | 42.47 | 54.00 | 11.53 | Average |
| 4 | 1548.000 | 25.98 | 2.07 | 9.76 | 37.82 | 54.00 | 16.18 | Average |
| 5 | 1678.000 | 26.24 | 2.09 | 10.82 | 39.15 | 54.00 | 14.85 | Average |
| 6 | 1807.000 | 26.48 | 2.10 | 6.87 | 35.45 | 54.00 | 18.55 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : NO.4 Open Site Data no. : 40
Dis. / Ant. : 3m HORN ANT Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-AV)
Env. / Ins. : 17°C/74% Engineer : Tim
EUT : LCD Color Monitor M/N:HWP7200P
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz (DVI)
S/N:TY0405406

| | Ant. | Cable | | Emission | | | | |
|-------|----------|-------|---------|----------|----------|--------|--------|---------|
| Freq. | Factor | Loss | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 | 1161.000 | 25.08 | 2.02 | 12.56 | 39.67 | 54.00 | 14.33 | Average |
| 2 | 1290.000 | 25.41 | 2.04 | 7.64 | 35.09 | 54.00 | 18.91 | Average |
| 3 | 1419.000 | 25.71 | 2.06 | 14.70 | 42.47 | 54.00 | 11.53 | Average |
| 4 | 1548.000 | 25.98 | 2.07 | 10.76 | 38.82 | 54.00 | 15.18 | Average |
| 5 | 1678.000 | 26.24 | 2.09 | 12.82 | 41.15 | 54.00 | 12.85 | Average |
| 6 | 1807.000 | 26.48 | 2.10 | 12.87 | 41.45 | 54.00 | 12.55 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

4. DEVIATION TO TEST SPECIFICATIONS

During 1GHz to 2GHz frequency range measurement, due to low loss cable length limitation, the horn antenna couldn't move up and down between 1 to 4 meters. But the test result was not affected due to the worst receiving condition of horn antenna should be at 1 meter high for above 1 GHz radiation measurement.

5. PHOTOGRAPHS

5.1. Photos of Conducted Emission Measurement

Test Model: HWB7200P, LCD Panel's Angle: 0°



FRONT VIEW OF CONDUCTED MEASUREMENT



BACK VIEW OF CONDUCTED MEASUREMENT

Test Model: HWB7200P, LCD Panel's Angle: 90°



FRONT VIEW OF CONDUCTED MEASUREMENT



BACK VIEW OF CONDUCTED MEASUREMENT

Test Model: HWP7200P, LCD Panel's Angle: 0°



FRONT VIEW OF CONDUCTED MEASUREMENT



BACK VIEW OF CONDUCTED MEASUREMENT

Test Model: HWP7200P, LCD Panel's Angle: 90°



FRONT VIEW OF CONDUCTED MEASUREMENT



BACK VIEW OF CONDUCTED MEASUREMENT

5.2. Photos of Radiated Measurement at Open Area Test Site (30-1000MHz)

Test Model: HWB7200P, LCD Panel's Angle: 0°



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

Test Model: HWB7200P, LCD Panel's Angle: 90°

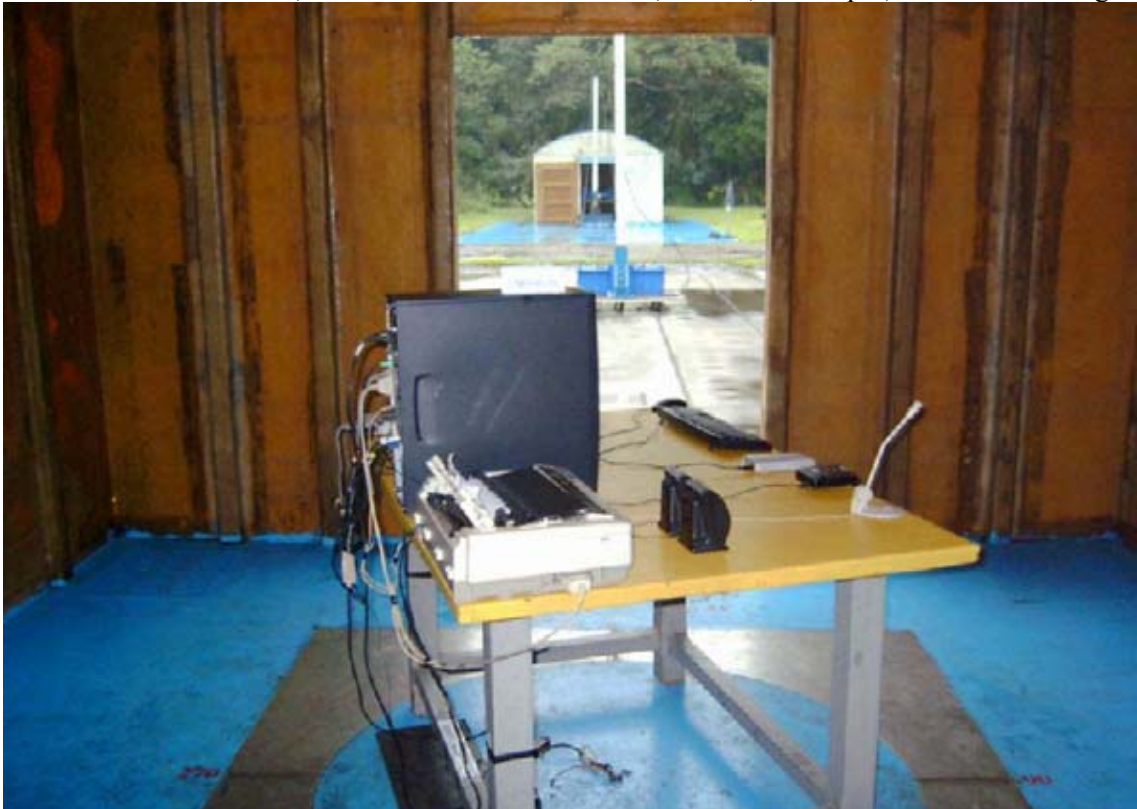


FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

Test Model: HWB7200P, Test Mode: 1680*1050/60Hz, 66kHz, DVI Input, LCD Panel's Angle: 0°



SETUP WITH MAXIMUM DETECTED EMISSION AT HORIZONTAL POLARIZATION



SETUP WITH MAXIMUM DETECTED EMISSION AT VERTICAL POLARIZATION

Test Model: HWP7200P, LCD Panel's Angle: 0°



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

Test Model: HWP7200P, LCD Panel's Angle: 90°



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

Test Model: HWP7200P, Test Mode: 640*480/60Hz, 31kHz, DVI Input, LCD Panel's Angle: 0°



SETUP WITH MAXIMUM DETECTED EMISSION AT HORIZONTAL POLARIZATION



SETUP WITH MAXIMUM DETECTED EMISSION AT VERTICAL POLARIZATION

5.3. Photos of Radiated Measurement at Open Area Test Site (1-2GHz)

Test Model: HWB7200P, Test Mode: 1680*1050/60Hz, 66kHz, DVI Input, LCD Panel's Angle: 0°



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

Test Model: HWP7200P, Test Mode: 640*480/60Hz, 31kHz, DVI Input, LCD Panel's Angle: 0°



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

