

APPLICATION FOR CERTIFICATION
(Class II Permissive Change)
On Behalf of
Philips Electronics Industries (Taiwan) Ltd.
Flat Panel Color Monitor
Model No. : (1)190P5 (2)190B5 (3)190X5 (4)E193FPp
FCC ID: A3KM132
Brand : (1)PHILIPS (2)DELL

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

Prepared By : AUDIX Corporation
Technical Division EMC Department
No. 53-11, Tin-Fu Tsun, Lin-Kou,
Taipei Hsien, Taiwan, R.O.C.

Tel: (02) 2609-9301, 2609-2133
Fax: (02) 2609-9303

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Date of Report : Jul. 29, 2004

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APPENDIX I (The Details of Difference for all Models)

APPENDIX II (Radiated Test Data at Simple Anechoic Chamber)

TEST REPORT CERTIFICATION

(Class II Permissive Change)

Applicant : Philips Electronics Industries (Taiwan) Ltd.
 Manufacturer : Philips Electronics Industries (Taiwan) Ltd.
 Factory #1 : Philips Monitors Manufacturing Hungary
 Factory #2 : Philips Consumer Electronics Co., of Suzhou Ltd.
 Factory #3 : Skyway (Dong Guan) Monitor Factory
 EUT Description : Flat Panel Color Monitor
 FCC ID : A3KM132
 (A) MODEL NO. : (1)190P5 (2)190B5 (3)190X5 (4)E193FPp
 (B) SERIAL NO. : (1)TY0404132 (2)TY0404193
 (3)TY0404438 (4)TY0404384
 (5)TY0404386
 (C) BRAND NAME : (1)PHILIPS (2)DELL
 (D) POWER SUPPLY : AC 100-240V~ 60-50Hz
 (Test Voltage: AC 120V/60Hz)

Measurement Standard Used:

FCC CFR 47 Part 15 Subpart B/Apr. 2004 and CISPR 22/1997 and ANSI C63.4-2001

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 : Jun. 08 ~ Jul. 28, 2004

Prepared by : Julie Hsu Aug. 02 2003
(Julie Hsu/Assistant Officer)

Test Engineer : Allen Wang Aug. 03 04
(Allen Wang/Deputy Manager)

Approved & Authorized Signer : Leon Liu Aug. 3 2004
(Leon Liu/Senior Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Flat Panel Color Monitor
Model Number	:	(1)190P5 (2)190B5 (3)190X5 (4)E193FPp Above all models the details of differences are attached in Appendix I. All models are representative selected in the test and included in this report.
Serial Number	:	(1)TY0404132 (2)TY0404193 (3)TY0404438 (4)TY0404384 (5)TY0404386
FCC ID.	:	A3KM132
Brand	:	(1)PHILIPS (2)DELL
Applicant	:	Philips Electronics Industries (Taiwan) Ltd. 5, Tze Chiang 1 Rd, Chungli Ind. Park, Chungli, Taoyuan Hsien, Taiwan, R.O.C.
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd. 5, Tze Chiang 1 Road, Chungli Industrial Park P.O. Box 123, Chungli, Taoyuan, Taiwan, R.O.C
Factory #1	:	Philips Monitors Manufacturing Hungary Free Trade Zone Limited Liability Company (PMM LLC) H-9700 Szombathely, Puskas tivadar u. 10., HUNGARY
Factory #2	:	Philips Consumer Electronics Co., of Suzhou Ltd. No. 161, Zhujiang Road, New District, Suzhou 215011, China
Factory #3	:	Skyway (Dong Guan) Monitor Factory Industrial Zone, Da Ling Shan Town, Dong Guan City, Guang Dong, China
LCD Panel	:	(1)Fujitsu, M/N FLX48SXC8V-11A (2)AUO (AU Optronics Corp), MN M190EN02 (3)LG Philips, M/N LM190E03 (4)AUO (AU Optronics Corp), M/N M190EN04

Scanning Frequency	:	Horizontal: 30-80kHz Vertical: 56-75Hz
Max Resolution	:	1280*1024
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
DVI Data Cable (M/N 190P5, 190B5, 190X5 used)	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Audio Cable #1 (M/N 190P5, 190X5 used)	:	Shielded, Detachable, 1.5m Bonded a ferrite core
Audio Cable #2 (M/N 190B5 used)	:	Shielded, Detachable, 1.8m Bonded a ferrite core
Scaler IC	:	(1)GM5321 (2)GM ZAN3SL
Power PCB	:	(1)Ambit, Type No. T50P046.00 (2)Ambit, Type No. T50P050.00 (3)Ambit, Type No. T50P054.00 (4)Ambit, Type No. T50P060.00
Power Cord	:	Non-Shielded, Detachable, 1.8m
Data of Receipt of Sample	:	Jun. 08, 2004 & Jul. 20, 2004
Date of Test	:	Jun. 08 ~ Jul. 28, 2004

Remark :

This EUT is a modified version of original FCC ID A3KM132, the differences are as follows:

- (1) add two models (190X5 & E193FPp) for two brands (Philips & DELL)
- (2) add four LCD Panel (Fujitsu, M/N FLX48SXC8V-11A; AUO, MN M190EN02; LG Philips, M/N LM190E03; AUO, M/N M190EN04)
- (3) new cabinet style.
- (4) add a new base style.
- (5) the main chassis was modified.

A modification of EUT was re-measured and the test data reported in this report.

1.2. Tested Supporting System Details

《For M/N 190P5、190X5 used》

1.2.1. PERSONAL COMPUTER

Model Number	:	D530
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	R33001
Manufacturer	:	HP
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.2. KEYBOARD

Model Number	:	KB-0133
Serial Number	:	N/A
BSMI ID	:	R31310
FCC ID	:	by DoC
Manufacturer	:	Chicony Electronics (Brand: HP)
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.3. DOT MATRIX PRINTER

Model Number	:	KX-P2135
Serial Number	:	8DMCNC02139
BSMI ID	:	3872A371
FCC ID	:	ACJ5Z6KX-P2135
Manufacturer	:	Matsushita (Brand: Panasonic)
Data Cable	:	Non-Shielded, Detachable, 1.5m
Power Cord	:	Non-Shielded, Undetachable, 1.8m

1.2.4. MODEM

Model Number	:	DM-1414
Serial Number	:	980034395
FCC ID	:	IFAXDM1414
Manufacturer	:	Accex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, M/N AM-91000A Non-Shielded, Undetachable, 1.8m

1.2.5. PS2 MOUSE

Model Number	:	M-S69
Serial Number	:	334684-108
FCC ID	:	JNZ211443
BSMI ID	:	3892D101
Manufacturer	:	Logitech (Brand: HP)
Data Cable	:	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	:	HA08697
Manufacturer	:	Panasonic
Data Cable	:	Non-Shielded, Detachable, 1.8m

1.2.8. EARPHONE

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

1.2.9. MICRO VAULT (USB Storage Media)

Model Number	:	USM128U2
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	D33021
Manufacturer	:	SONY
Data Cable	:	Non-Shielded, Detachable, 1.8m

《For M/N 190B5 used》

1.2.10. PERSONAL COMPUTER

Model Name	:	Dell Dim 4600PC
Model Number	:	DMC
Serial Number	:	5DYW91S
FCC ID	:	By DoC
BSMI ID	:	R33002
Manufacturer	:	DELL
VGA Card	:	Nvidia FX5200
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.11. KEYBOARD

Model Number	:	SK-8110
Serial Number	:	N/A
BSMI ID	:	T3A002
FCC ID	:	by DoC
Manufacturer	:	DELL
Data Cable	:	Non-Shielded, Undetachable, 1.8m

1.2.12. DOT MATRIX PRINTER

Model Number	:	KX-P1121
Serial Number	:	N/A
BSMI ID	:	3862A151
Brand	:	Panasonic
Data Cable	:	Non-Shielded, Detachable, 1.5m
Power Cord	:	Non-Shielded, Undetachable, 1.5m

1.2.13. MODEM

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

1.2.14. PS2 MOUSE

Model Number	:	M071KC
Serial Number	:	406012041
BSMI ID	:	R41108
FCC ID	:	by DoC
Manufacturer	:	DELL
Data Cable	:	Non-Shielded, Undetachable, 1.8m

1.2.15. WALKMAN

Model Number	:	RQ-P35LT-K
Serial Number	:	HA08631
Manufacturer	:	Panasonic
Data Cable	:	Non-Shielded, Detachable, 1.8m

1.2.16. MICROPHONE

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

1.2.17. EARPHONE

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

1.2.18. MICRO VAULT (USB Storage Media) #1

Model Number	:	USM128U2
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	D33021
Manufacturer	:	SONY
Data Cable	:	Non-Shielded, Detachable, 1.2m

1.2.19. MICRO VAULT (USB Storage Media) #2

Model Number	:	USM128U2
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	D33021
Manufacturer	:	SONY
Data Cable	:	Non-Shielded, Detachable, 1.2m

《For M/N E193FPp used》

1.2.20. PERSONAL COMPUTER

Model Name	:	Dell Dim 4600PC
Model Number	:	DMC
Serial Number	:	5DYW91S
FCC ID	:	By DoC
BSMI ID	:	R33002
Manufacturer	:	DELL
VGA Card	:	Nvidia FX5200
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.21. KEYBOARD

Model Number	:	SK-8110
Serial Number	:	N/A
BSMI ID	:	T3A002
FCC ID	:	by DoC
Manufacturer	:	DELL
Data Cable	:	Non-Shielded, Undetachable, 1.8m

1.2.22. DOT MATRIX PRINTER

Model Number	:	KX-P1121
Serial Number	:	N/A
BSMI ID	:	3862A151
Brand	:	Panasonic
Data Cable	:	Non-Shielded, Detachable, 1.5m
Power Cord	:	Non-Shielded, Undetachable, 1.5m

1.2.23. MODEM

Model Number	:	DM-1414
Serial Number	:	980034395
FCC ID	:	IFAXDM1414
Manufacturer	:	Accex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, M/N AM-91000A
		Non-Shielded, Undetachable, 1.8m

1.2.24. PS2 MOUSE

Model Number	:	M071KC
Serial Number	:	406012041
BSMI ID	:	R41108
FCC ID	:	by DoC
Manufacturer	:	DELL
Data Cable	:	Non-Shielded, Undetachable, 1.8m

1.2.25. SPEAKER

Model Number	:	J-008
Serial Number	:	J80547836
Manufacturer	:	(J-S) JAZZ HIPSTER
Data Cable	:	Non-Shielded, Undetachable, 1m

1.2.26. MICROPHONE

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

1.2.27. MICRO VAULT (USB Storage Media)

Model Number	:	USM128U2
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	D33021
Manufacturer	:	SONY
Data Cable	:	Non-Shielded, Detachable, 1.8m

1.2.28. WALKMAN

Model Number	:	RQ-P35LT-K
Serial Number	:	HA08697
Manufacturer	:	Panasonic
Data Cable	:	Non-Shielded, Detachable, 1.8m

1.3. Test Facility

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

Test Facility & Location : **No. 3 Shielded Room &
 Simple Anechoic Chamber**
 No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien 24443, Taiwan, R.O.C.

No. 3 Open Test Site
 No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien 24443, Taiwan, R.O.C.
 Feb. 09, 2003 Re-File on
 Federal Communication Commission
 Registration Number: 90996

No. 4 Open Test Site
 No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien 24443, Taiwan, R.O.C.
 Mar. 31, 2003 Re-File on
 Federal Communication Commission
 Registration Number: 90991

No. 6 Open Test Site
 No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien 24443, Taiwan, R.O.C.
 Jun. 11, 2003 Re-File on
 Federal Communication Commission
 Registration Number: 98448

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 DISTURBANCE MEASUREMENT

2.1. Test Equipment

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

2.1.1. No. 3 Shielded Room

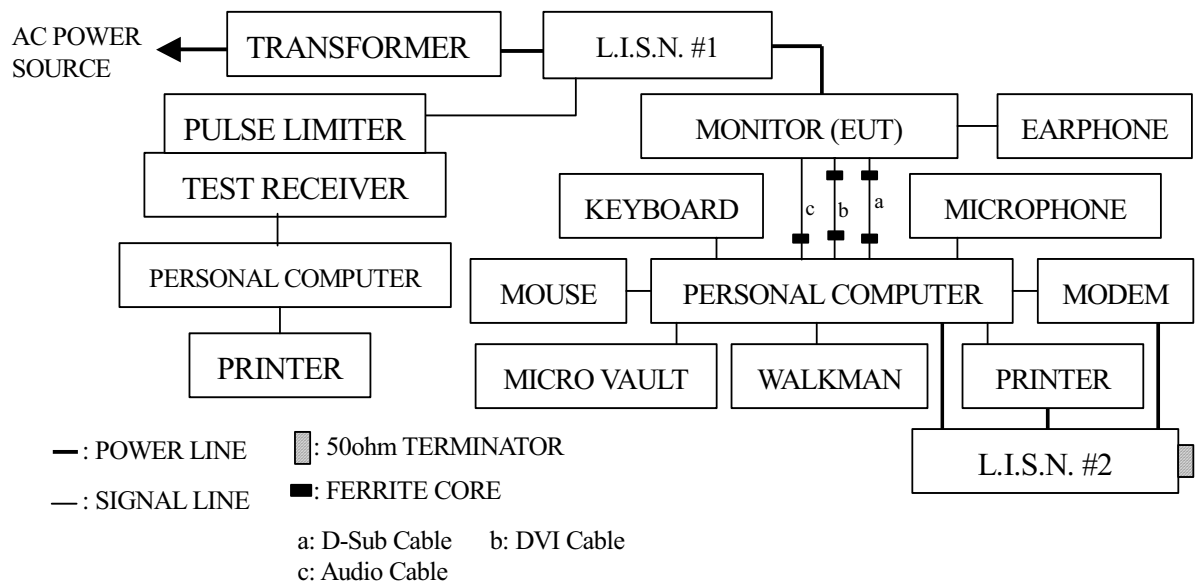
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	Rohde & Schwarz	ESCS 30	825442/020	Aug.09, 03'	Aug. 08, 04'
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-1370-10	Jun.05, 04'	Jun.04, 05'
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-1370-9	Jun.05, 04'	Jun.04, 05'
4.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100041	Apr.28, 04'	Apr.27, 05'

2.1.2. No. 4 Shielded Room

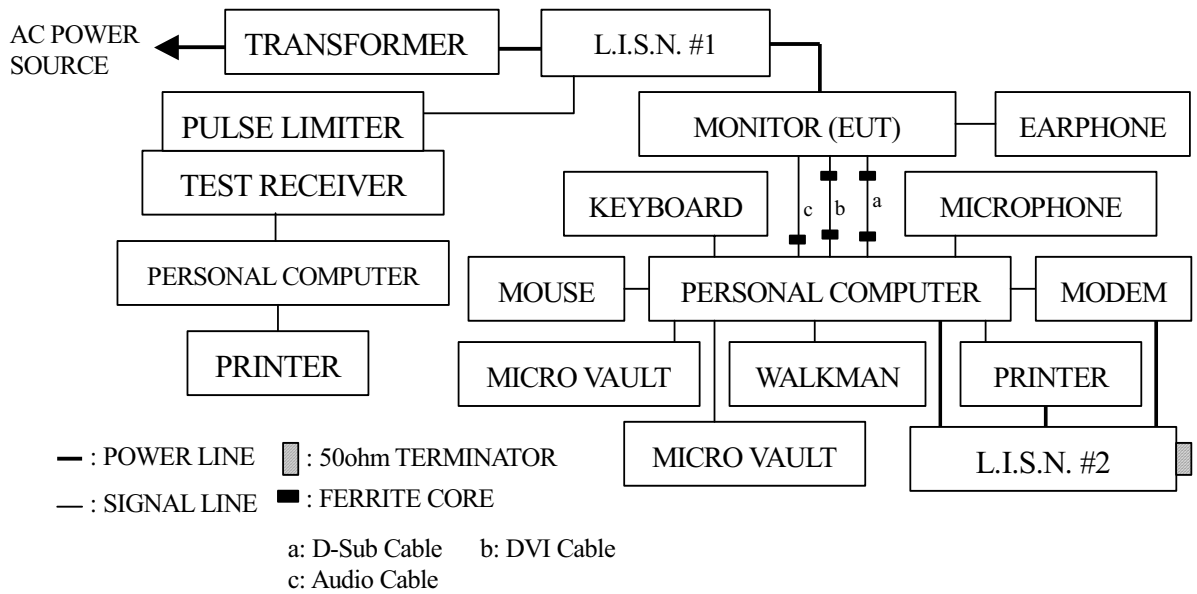
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	Rohde & Schwarz	ESHS10	844591/015	Mar.04, 04'	Mar.03, 05'
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-1430-5	Nov.20, 03'	Nov.19, 04'
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-1430-6	Nov.20, 03'	Nov.19, 04'
4.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	004	Apr.28, 04'	Apr.27, 05'

2.2. Block Diagram of Test Setup

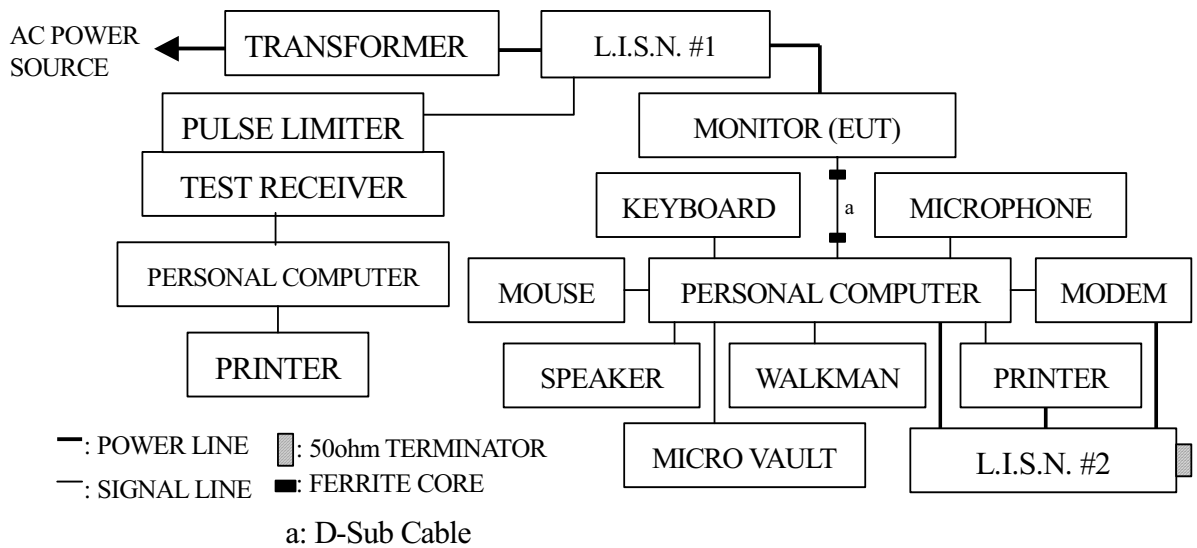
2.2.1. M/N 190P5、190X5 (at No. 3 Shielded Room)



2.2.2. M/N 190B5 (at No. 4 Shielded Room)



2.2.3. M/N E193FPp (at No. 4 Shielded Room)



2.3. Powerline Conducted Emission Limit (15.107, 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

- Remark: 1. 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 equipments were installed on RF LINE VOLTAGE measurement to meet the Commission requirement and operating in a manner which tended to maximize its emission characteristics in a normal application.

2.4.1. Flat Panel Color Monitor (EUT) #1

Model Number	:	190P5
Serial Number	:	TY0404132
FCC ID	:	A3KM132
Brand	:	PHILIPS
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd.
LCD Panel	:	Fujitsu, M/N FLC48SXC8V-11A
Scanning Frequency	:	Horizontal: 30-80kHz, Vertical: 56-75Hz
Max Resolution	:	1280*1024
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
DVI Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Audio Cable	:	Shielded, Detachable, 1.8m Bonded a ferrite core
Scaler IC	:	GM5321
Power PCB	:	Ambit, Type No. T50P046.00
Power Cord	:	Non-Shielded, Detachable, 1.8m

2.4.2. Flat Panel Color Monitor (EUT) #2

Model Number	:	190B5
Serial Number	:	TY0404139
FCC ID	:	A3KM132
Brand	:	PHILIPS
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd.
LCD Panel	:	AUO, M/N M190EN02
Scanning Frequency	:	Horizontal: 30-80kHz, Vertical: 56-75Hz
Max Resolution	:	1280*1024
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
DVI Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Audio Cable	:	Shielded, Detachable, 1.5m Bonded a ferrite core
Scaler IC	:	GM5321
Power PCB	:	Ambit, Type No. T50P050.00
Power Cord	:	Non-Shielded, Detachable, 1.8m

2.4.3. Flat Panel Color Monitor (EUT) #3

Model Number	:	190X5
Serial Number	:	TY0404438
FCC ID	:	A3KM132
Brand	:	PHILIPS
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd.
LCD Panel	:	LG Philips, M/N LM190E03
Scanning Frequency	:	Horizontal: 30-80kHz, Vertical: 56-75Hz
Max Resolution	:	1280*1024
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
DVI Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Audio Cable	:	Shielded, Detachable, 1.8m Bonded a ferrite core
Scaler IC	:	GM5321
Power PCB	:	Ambit, Type No. T50P054.00
Power Cord	:	Non-Shielded, Detachable, 1.8m

2.4.4. Flat Panel Color Monitor (EUT) #4

Model Number	:	E193FPp
Serial Number	:	TY0404384
FCC ID	:	A3KM132
Brand	:	PHILIPS
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd.
LCD Panel	:	LG Philips, M/N LM190E03
Scanning Frequency	:	Horizontal: 30-80kHz, Vertical: 56-75Hz
Max Resolution	:	1280*1024
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Scaler IC	:	GM ZAN3SL
Power PCB	:	Ambit, Type No. T50P060.00
Power Cord	:	Non-Shielded, Detachable, 1.8m

2.4.5. Flat Panel Color Monitor (EUT) #5

Model Number	:	E193FPp
Serial Number	:	TY0404386
FCC ID	:	A3KM132
Brand	:	DELL
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd.
LCD Panel	:	AUO, M/N M190EN04
Scanning Frequency	:	Horizontal: 30-80kHz, Vertical: 56-75Hz
Max Resolution	:	1280*1024
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Scaler IC	:	GM ZAN3SL
Power PCB	:	Ambit, Type No. T50P060.00
Power Cord	:	Non-Shielded, Detachable, 1.8m

2.4.6. Supporting System : As in Section 1.2

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown on 2.2.

2.5.2. Turned on the power of all equipments.

2.5.3. Personal computer read data from disk.

《For M/N 190P5、190X5》

2.5.4. Personal computer running the EMI self-test program “IBM V1.8” and sent “H” character to Monitor (EUT), the screen of Monitor (EUT) displayed and filled with “H” pattern by EUT’s resolution.

2.5.5. Personal Computer running the “Media Player” program and send the music sound to speaker of monitor (EUT) via Audio port.

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.

《For M/N 190B5》

2.5.8. Personal computer running the EMI self-test program “TestpatV1.8” and sent “H” character to Monitor (EUT), the screen of Monitor (EUT) displayed and filled with “H” pattern by EUT’s resolution.

2.5.9. Personal Computer running the “Media Player” program and send the music sound to speaker of monitor (EUT) via Audio port.

2.5.10. Repeat the above procedures from 2.5.8 to 2.5.9.

2.5.11. The other peripheral devices were driven and operated in turn during all testing.

《For M/N E193FPp》

- 2.5.12. Personal computer running the EMI self-test program “Dell H Pattern” and sent “H” character to Monitor (EUT), the screen of Monitor (EUT) displayed and filled with “H” pattern by EUT’s resolution.
- 2.5.13. Repeat the above procedures from 2.5.12.
- 2.5.14. 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 of equipments and all of the interface cables were changed according to FCC ANSI C63.4-2001 on conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz. (For No. 3 Shielded Room Test)

The bandwidth of the R&S Test Receiver ESHS10 was set at 10kHz. (For No. 4 Shielded Room Test)

The frequency range from 150kHz to 30MHz was checked using a peak detector.

The all reading of measurement was 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. Please refer to the following pages.

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

The EUT with following test modes and with AC 120V/60Hz supplying voltage were performed during conducted testing and all the test results are listed in following pages.

Test Date : Jun. 08, 2004	Temperature : 22°C	Humidity : 71%
Test Date : Jul. 20, 2004	Temperature : 26°C	Humidity : 68%
Test Date : Jul. 23, 2004	Temperature : 26°C	Humidity : 47%

The details of test modes are as follows :

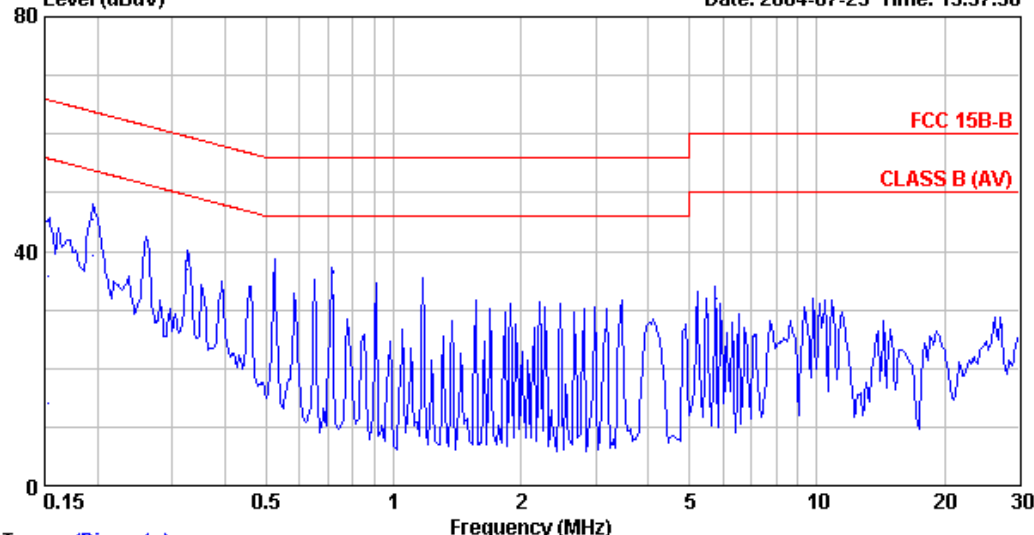
Mode	Model No. (S/N)	LCD Panel	LCD Panel's Angle	Data Cable	Frequency / Resolution.	Reference Test Data #	
						Neutral	Line
1.	190P5 (TY0404132)	Fujitsu, M/N LC48SXC8V-11A	0 °	D-Sub	640*480/60Hz, 31kHz	# 30	# 29
2.					1024*768/75Hz, 60kHz	# 27	# 28
3.					1280*1024/75Hz, 80kHz	# 26	# 25
4.				DVI	640*480/60Hz, 31kHz	# 31	# 32
5.					1024*768/75Hz, 60kHz	# 34	# 33
6.					1280*1024/75Hz, 80kHz	# 35	# 36
7.			Rotate 90 °	DVI	1024*1280/60Hz, 80kHz	# 38	# 37
8.	190B5 (TY0404193)	AUO, M/N M190EN02	0 °	D-Sub	640*480/60Hz, 31kHz	# 19	# 20
9.					1024*768/75Hz, 60kHz	# 22	# 21
10.					1280*1024/75Hz, 80kHz	# 23	# 24
11.				DVI	640*480/60Hz, 31kHz	# 18	# 17
12.					1024*768/75Hz, 60kHz	# 15	# 16
13.					1280*1024/75Hz, 80kHz	# 14	# 13
14.	190X5 (TY0404438)	LG Philips, M/N LM190E03	0 °	D-Sub	640*480/60Hz, 31kHz	# 71	# 72
15.					1024*768/75Hz, 60kHz	# 74	# 73
16.					1280*1024/75Hz, 80kHz	# 75	# 76
17.				DVI	640*480/60Hz, 31kHz	# 70	# 69
18.					1024*768/75Hz, 60kHz	# 67	# 68
19.					1280*1024/75Hz, 80kHz	# 66	# 65
20.	E193FPp (TY0404384)	LG Philips, M/N LM190E03	0 °	D-Sub	640*480/60Hz, 31kHz	# 43	# 44
21.					1024*768/75Hz, 60kHz	# 46	# 45
22.					1280*1024/75Hz, 80kHz	# 47	# 48
23.	E193FPp (TY0404386)	AUO, M/N M190EN04	0 °	D-Sub	640*480/60Hz, 31kHz	# 42	# 41
24.					1024*768/75Hz, 60kHz	# 39	# 40
25.					1280*1024/75Hz, 80kHz	# 38	# 37

《M/N 190P5, LCD Panel: Fujitsu M/N FLC48SXC8V-11A》



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: 30 Level (dBuV) File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Date: 2004-07-23 Time: 13:37:38



Trace: (Discrete)

Site : NO.3 Shielded room Data : 30
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (D-SUB)
S/N:TY0404132

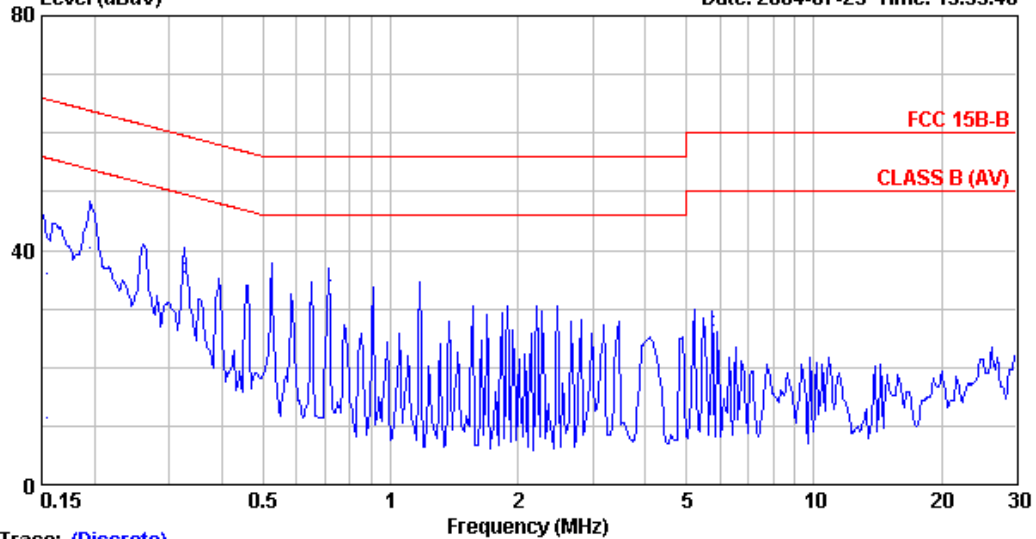
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.153	0.29	0.20	35.24	35.73	65.82	30.09	QP
2	0.153	0.29	0.20	13.62	14.11	55.82	41.71	AVERAGE
3	0.194	0.21	0.20	45.03	45.44	63.85	18.41	QP
4	0.194	0.21	0.20	38.73	39.14	53.85	14.71	AVERAGE @
5	0.326	0.13	0.20	38.09	38.42	59.54	21.12	QP
6	0.326	0.13	0.20	36.48	36.81	49.54	12.73	AVERAGE @
7	0.524	0.10	0.20	37.39	37.69	56.00	18.31	QP
8	0.524	0.10	0.20	36.52	36.82	46.00	9.18	AVERAGE @
9	0.722	0.10	0.20	36.30	36.60	56.00	19.40	QP
10	0.722	0.10	0.20	36.16	36.46	46.00	9.54	AVERAGE @
11	5.772	0.10	0.60	31.22	31.92	60.00	28.08	QP
12	5.772	0.10	0.60	29.58	30.28	50.00	19.72	AVERAGE

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: 29 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 13:35:46



Trace: (Discrete)

Site : NO.3 Shielded room Data : 29
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (D-SUB)
S/N:TY0404132

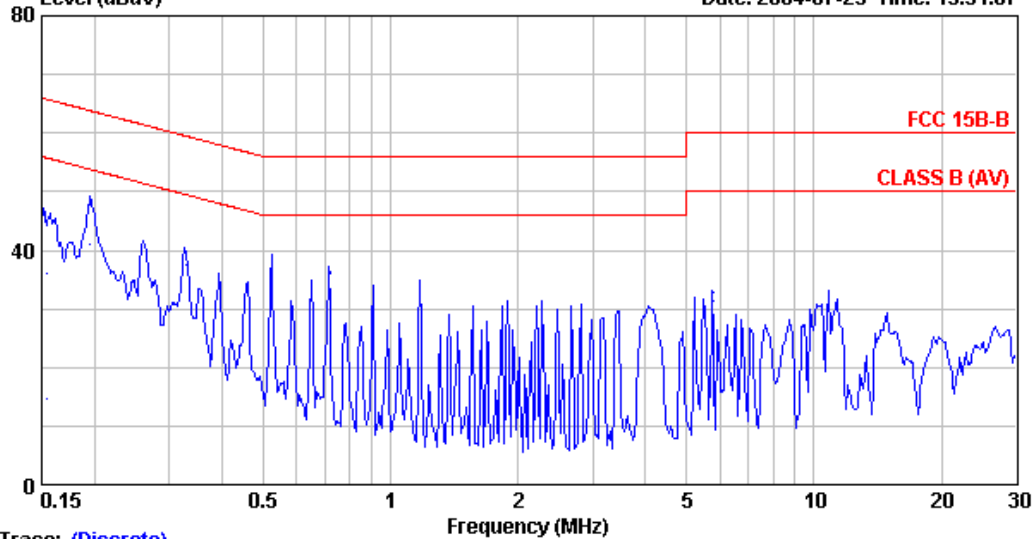
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.154	0.29	0.20	35.44	35.93	65.79	29.86	QP
2	0.154	0.29	0.20	10.91	11.40	55.79	44.39	AVERAGE
3	0.196	0.21	0.20	46.49	46.90	63.80	16.90	QP
4	0.196	0.21	0.20	39.89	40.30	53.80	13.50	AVERAGE @
5	0.326	0.13	0.20	37.43	37.76	59.54	21.78	QP
6	0.326	0.13	0.20	35.90	36.23	49.54	13.31	AVERAGE @
7	0.524	0.10	0.20	36.36	36.66	56.00	19.34	QP
8	0.524	0.10	0.20	35.76	36.06	46.00	9.94	AVERAGE @
9	0.720	0.10	0.20	34.68	34.98	56.00	21.02	QP
10	0.720	0.10	0.20	34.46	34.76	46.00	11.24	AVERAGE @
11	5.775	0.10	0.60	28.03	28.73	60.00	31.27	QP
12	5.775	0.10	0.60	26.44	27.14	50.00	22.86	AVERAGE

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: 27 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 13:31:07



Trace: (Discrete)

Site : NO.3 Shielded room Data : 27
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (D-SUB)
S/N:TY0404132

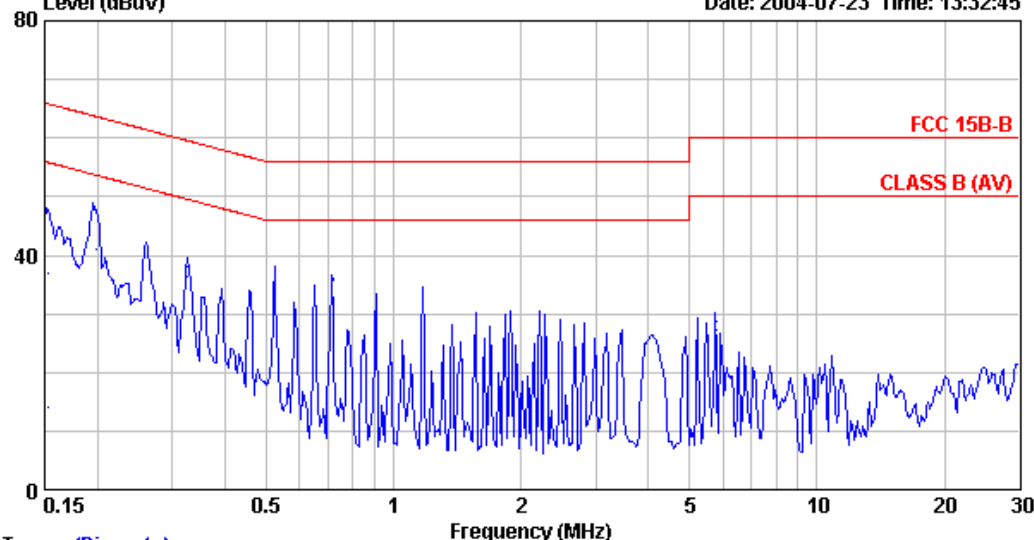
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.155	0.29	0.20	35.48	35.97	65.74	29.77	QP
2	0.155	0.29	0.20	14.25	14.74	55.74	41.00	AVERAGE
3	0.195	0.21	0.20	47.33	47.74	63.80	16.06	QP @
4	0.195	0.21	0.20	40.48	40.89	53.80	12.91	AVERAGE @
5	0.328	0.13	0.20	39.33	39.66	59.51	19.85	QP
6	0.328	0.13	0.20	37.12	37.45	49.51	12.06	AVERAGE @
7	0.524	0.10	0.20	37.22	37.52	56.00	18.48	QP
8	0.524	0.10	0.20	36.27	36.57	46.00	9.43	AVERAGE @
9	0.721	0.10	0.20	36.01	36.31	56.00	19.69	QP
10	0.721	0.10	0.20	35.85	36.15	46.00	9.85	AVERAGE @
11	5.777	0.10	0.60	32.21	32.91	60.00	27.09	QP
12	5.777	0.10	0.60	30.52	31.22	50.00	18.78	AVERAGE

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: 28 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 13:32:45



Trace: (Discrete)

Site : NO.3 Shielded room Data : 28
Condition : KNW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (D-SUB)
S/N:TY0404132

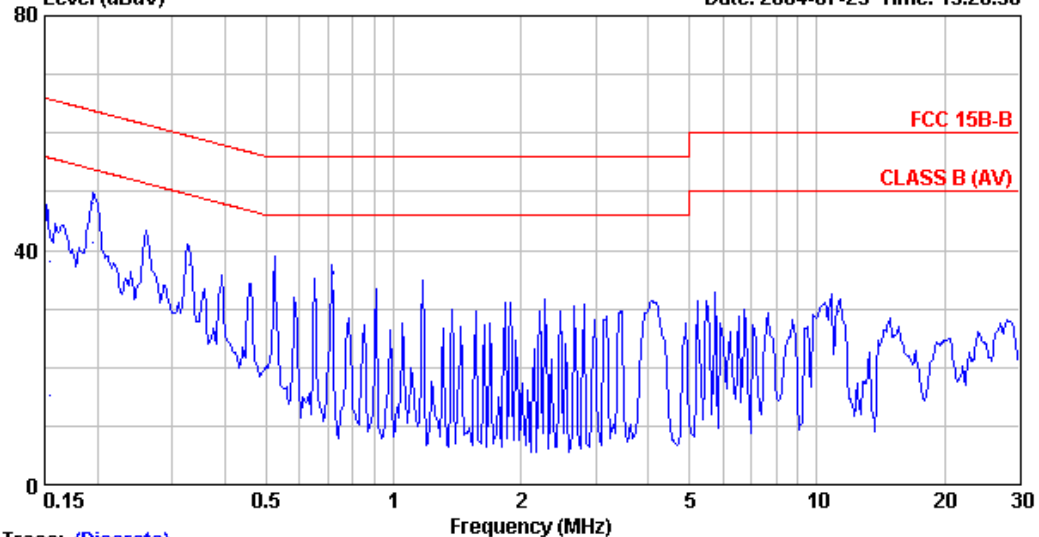
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.153	0.29	0.20	36.57	37.06	65.81	28.75	QP
2	0.153	0.29	0.20	13.64	14.13	55.81	41.68	AVERAGE
3	0.198	0.20	0.20	47.29	47.69	63.69	16.00	QP @
4	0.198	0.20	0.20	40.52	40.92	53.69	12.77	AVERAGE @
5	0.326	0.13	0.20	37.73	38.06	59.54	21.48	QP
6	0.326	0.13	0.20	35.87	36.20	49.54	13.34	AVERAGE @
7	0.525	0.10	0.20	36.58	36.88	56.00	19.12	QP
8	0.525	0.10	0.20	36.16	36.46	46.00	9.54	AVERAGE @
9	0.722	0.10	0.20	35.65	35.95	56.00	20.05	QP
10	0.722	0.10	0.20	35.50	35.80	46.00	10.20	AVERAGE @
11	5.778	0.10	0.60	28.03	28.73	60.00	31.27	QP
12	5.778	0.10	0.60	26.62	27.32	50.00	22.68	AVERAGE

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: 26 Level (dBuV) File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Date: 2004-07-23 Time: 13:28:58



Trace: (Discrete)

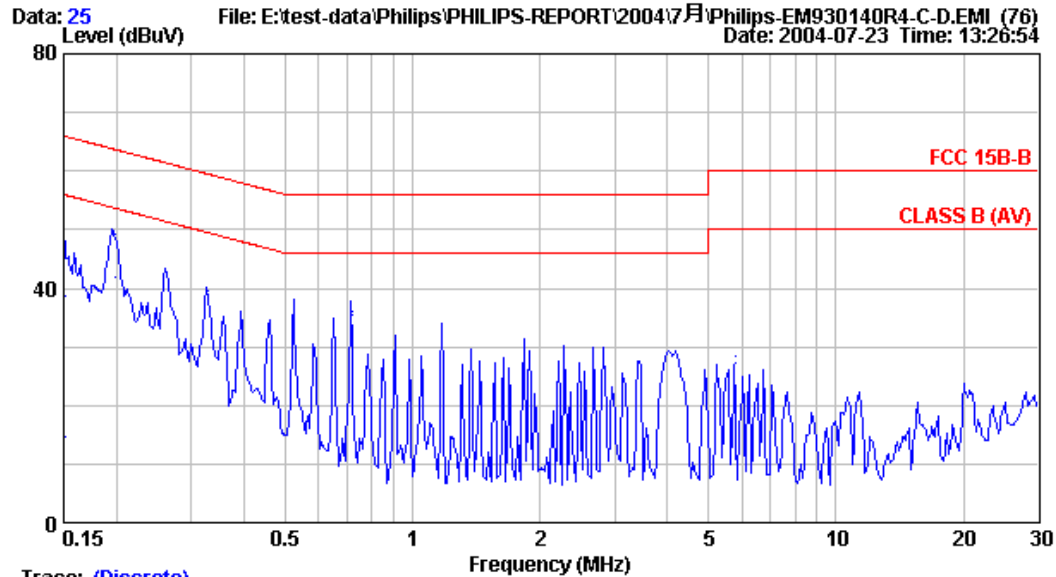
Site : NO.3 Shielded room Data : 26
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (D-SUB)
S/N:TY0404132

	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	0.154	0.29	0.20	37.46	37.95	65.81	27.85	QP
2	0.154	0.29	0.20	14.82	15.31	55.81	40.49	AVERAGE
3	0.195	0.21	0.20	47.75	48.16	63.80	15.65	QP @
4	0.195	0.21	0.20	40.77	41.18	53.80	12.63	AVERAGE @
5	0.328	0.13	0.20	39.59	39.92	59.51	19.59	QP
6	0.328	0.13	0.20	37.11	37.44	49.51	12.07	AVERAGE @
7	0.524	0.10	0.20	37.12	37.42	56.00	18.58	QP
8	0.524	0.10	0.20	36.15	36.45	46.00	9.55	AVERAGE @
9	0.721	0.10	0.20	36.12	36.42	56.00	19.58	QP
10	0.721	0.10	0.20	35.80	36.10	46.00	9.90	AVERAGE @
11	11.294	0.13	0.70	30.31	31.14	60.00	28.86	QP
12	11.294	0.13	0.70	28.83	29.66	50.00	20.34	AVERAGE

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



Site : NO.3 Shielded room Data : 25
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (D-SUB)
S/N:TY0404132

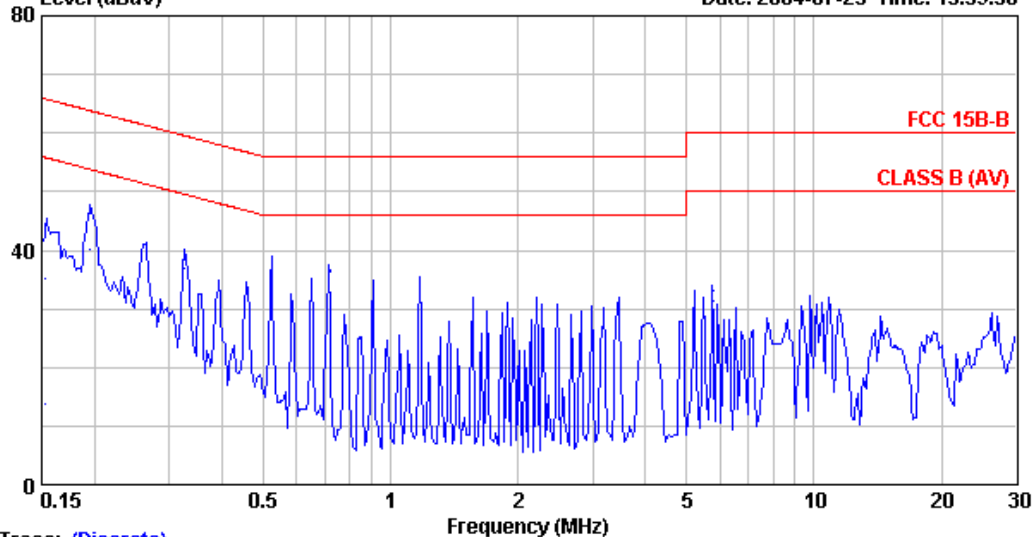
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.152	0.30	0.20	38.22	38.72	65.91	27.20	QP
2	0.152	0.30	0.20	14.19	14.69	55.91	41.23	AVERAGE
3	0.198	0.20	0.20	48.81	49.21	63.69	14.48	QP @
4	0.198	0.20	0.20	41.44	41.84	53.69	11.85	AVERAGE @
5	0.329	0.13	0.20	39.34	39.67	59.48	19.81	QP
6	0.329	0.13	0.20	36.84	37.17	49.48	12.31	AVERAGE @
7	0.526	0.10	0.20	36.54	36.84	56.00	19.16	QP
8	0.526	0.10	0.20	36.19	36.49	46.00	9.51	AVERAGE @
9	0.721	0.10	0.20	35.83	36.13	56.00	19.87	QP
10	0.721	0.10	0.20	35.19	35.49	46.00	10.51	AVERAGE @
11	5.780	0.10	0.60	27.80	28.50	60.00	31.50	QP
12	5.780	0.10	0.60	26.53	27.23	50.00	22.77	AVERAGE

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:ttmc@ttmc.com.tw

Data: 31 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 13:39:50



Trace: (Discrete)

Site : NO.3 Shielded room Data : 31
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (DVI)
S/N:TY0404132

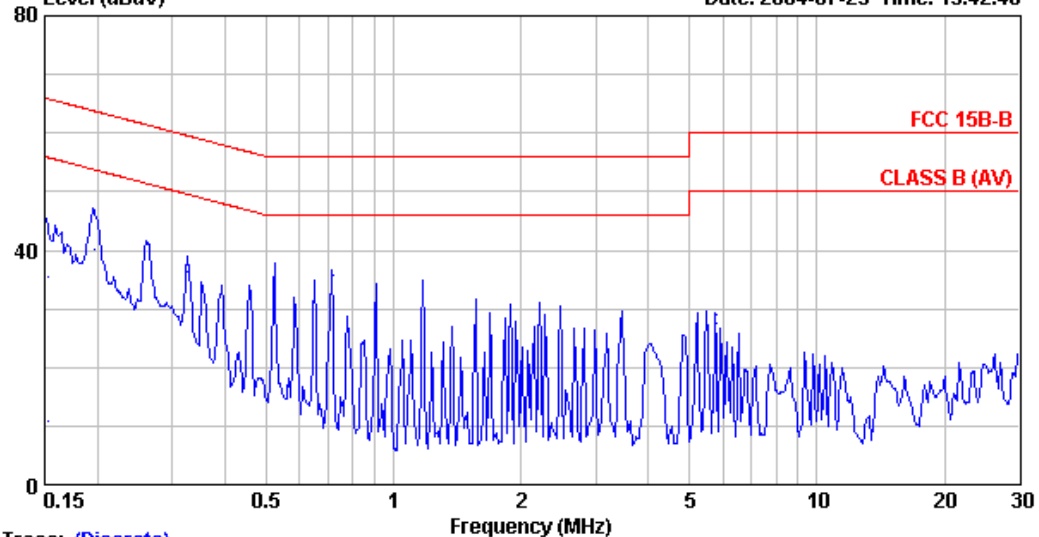
		LISN	Cable		Emission			
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.153	0.29	0.20	34.59	35.08	65.82	30.74	QP
2	0.153	0.29	0.20	13.41	13.90	55.82	41.92	AVERAGE
3	0.196	0.21	0.20	45.91	46.32	63.80	17.48	QP
4	0.196	0.21	0.20	39.72	40.13	53.80	13.67	AVERAGE @
5	0.326	0.13	0.20	37.93	38.26	59.54	21.28	QP
6	0.326	0.13	0.20	36.51	36.84	49.54	12.70	AVERAGE @
7	0.524	0.10	0.20	37.47	37.77	56.00	18.23	QP
8	0.524	0.10	0.20	36.55	36.85	46.00	9.15	AVERAGE @
9	0.723	0.10	0.20	36.26	36.56	56.00	19.44	QP
10	0.723	0.10	0.20	36.11	36.41	46.00	9.59	AVERAGE @
11	5.775	0.10	0.60	32.45	33.15	60.00	26.85	QP
12	5.775	0.10	0.60	30.80	31.50	50.00	18.50	AVERAGE

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:temc@temc.com.tw

Data: 32 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 13:42:40



Trace: (Discrete)

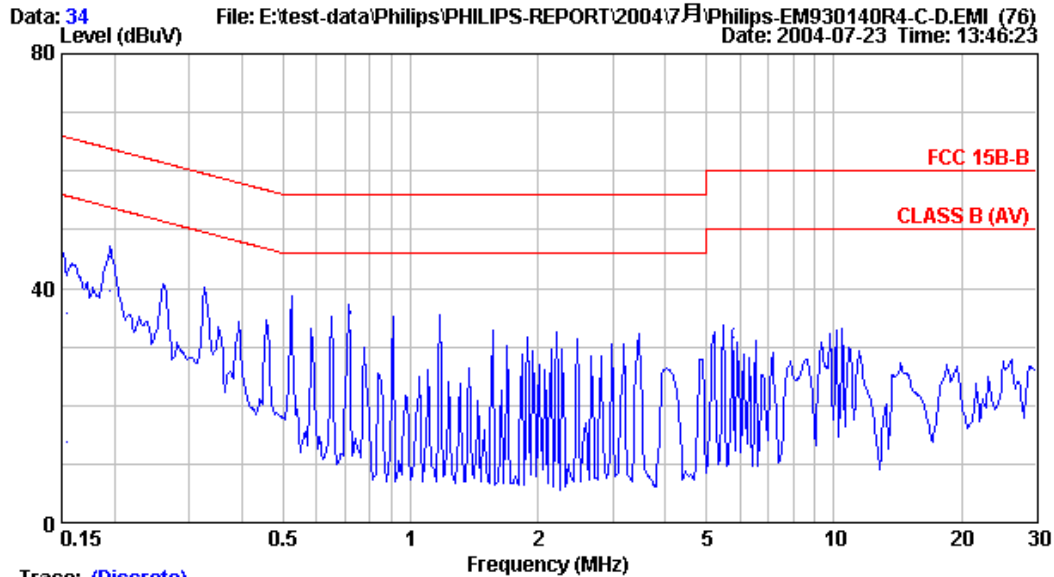
Site : NO.3 Shielded room Data : 32
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (DVI)
S/N:TY0404132

	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	0.153	0.29	0.20	35.02	35.51	65.85	30.33	QP
2	0.153	0.29	0.20	10.35	10.84	55.85	45.00	AVERAGE
3	0.197	0.21	0.20	45.95	46.36	63.74	17.39	QP
4	0.197	0.21	0.20	39.76	40.17	53.74	13.58	AVERAGE @
5	0.326	0.13	0.20	37.04	37.37	59.54	22.17	QP
6	0.326	0.13	0.20	35.92	36.25	49.54	13.29	AVERAGE @
7	0.524	0.10	0.20	36.38	36.68	56.00	19.32	QP
8	0.524	0.10	0.20	35.83	36.13	46.00	9.87	AVERAGE @
9	0.723	0.10	0.20	35.47	35.77	56.00	20.23	QP
10	0.723	0.10	0.20	35.31	35.61	46.00	10.39	AVERAGE @
11	5.774	0.10	0.60	28.29	28.99	60.00	31.01	QP
12	5.774	0.10	0.60	26.78	27.48	50.00	22.52	AVERAGE

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



Site : NO.3 Shielded room Data : 34
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (DVI)
S/N:TY0404132

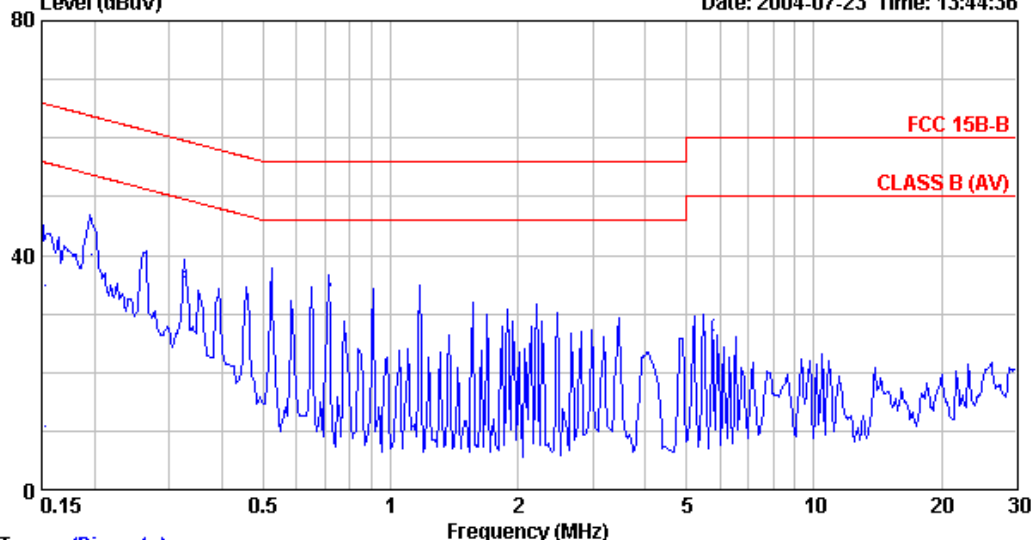
		LISN	Cable		Emission			
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.154	0.29	0.20	35.40	35.89	65.80	29.91	QP
2	0.154	0.29	0.20	13.40	13.89	55.80	41.91	AVERAGE
3	0.195	0.21	0.20	45.03	45.44	63.81	18.37	QP
4	0.195	0.21	0.20	39.20	39.61	53.81	14.20	AVERAGE @
5	0.329	0.13	0.20	38.84	39.17	59.49	20.32	QP
6	0.329	0.13	0.20	37.24	37.57	49.49	11.92	AVERAGE @
7	0.523	0.10	0.20	36.96	37.26	56.00	18.74	QP
8	0.523	0.10	0.20	35.84	36.14	46.00	9.86	AVERAGE @
9	0.720	0.10	0.20	35.71	36.01	56.00	19.99	QP
10	0.720	0.10	0.20	35.51	35.81	46.00	10.19	AVERAGE @
11	5.773	0.10	0.60	32.47	33.17	60.00	26.83	QP
12	5.773	0.10	0.60	31.00	31.70	50.00	18.30	AVERAGE

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: 33 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 13:44:36



Trace: (Discrete)

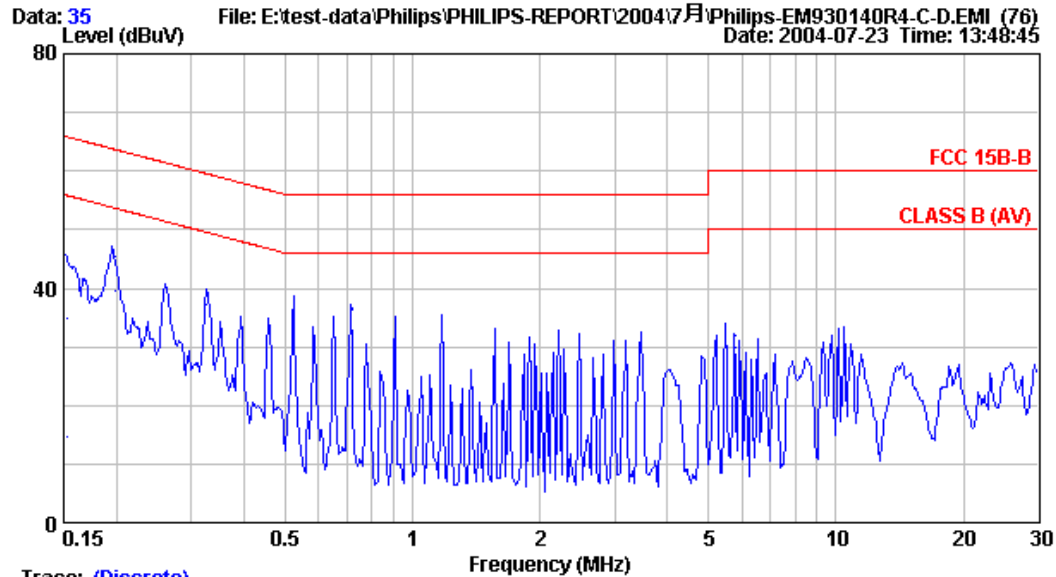
Site : NO.3 Shielded room Data : 33
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (DVI)
S/N:TY0404132

	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	0.152	0.29	0.20	34.35	34.84	65.88	31.03	QP
2	0.152	0.29	0.20	10.27	10.76	55.88	45.11	AVERAGE
3	0.197	0.21	0.20	45.71	46.12	63.75	17.64	QP
4	0.197	0.21	0.20	39.69	40.10	53.75	13.66	AVERAGE @
5	0.326	0.13	0.20	36.96	37.29	59.54	22.25	QP
6	0.326	0.13	0.20	35.96	36.29	49.54	13.25	AVERAGE @
7	0.524	0.10	0.20	36.38	36.68	56.00	19.32	QP
8	0.524	0.10	0.20	35.87	36.17	46.00	9.83	AVERAGE @
9	0.720	0.10	0.20	34.87	35.17	56.00	20.83	QP
10	0.720	0.10	0.20	34.70	35.00	46.00	11.00	AVERAGE @
11	5.774	0.10	0.60	28.17	28.87	60.00	31.13	QP
12	5.774	0.10	0.60	26.68	27.38	50.00	22.62	AVERAGE

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



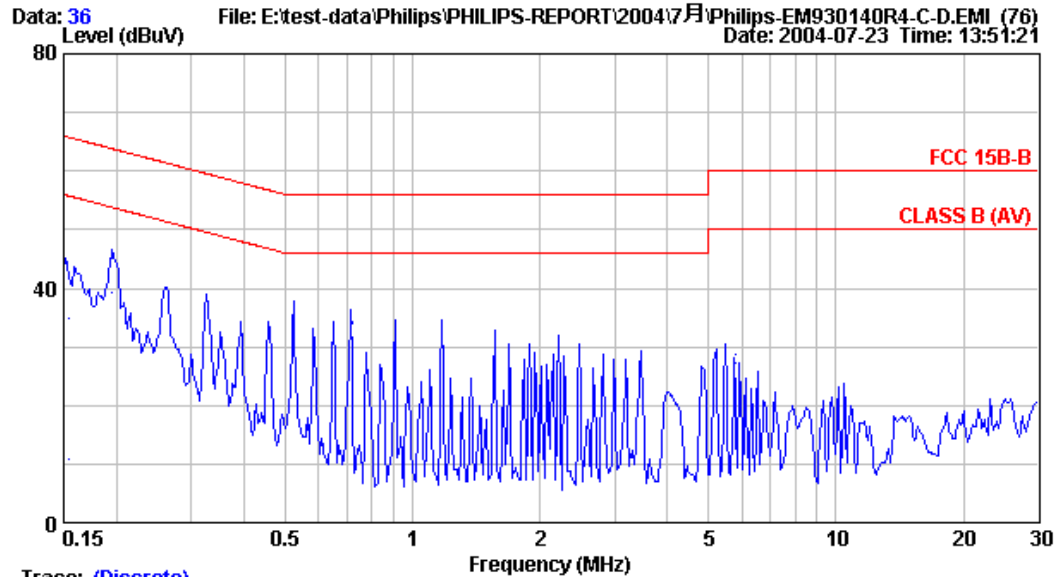
Site : NO.3 Shielded room Data : 35
Condition : KNW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (DVI)
S/N:TY0404132

		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	0.152	0.29	0.20	34.37	34.86	65.87	31.01	QP
2	0.152	0.29	0.20	14.17	14.66	55.87	41.21	AVERAGE
3	0.198	0.20	0.20	45.01	45.41	63.70	18.29	QP
4	0.198	0.20	0.20	39.29	39.69	53.70	14.01	AVERAGE @
5	0.327	0.13	0.20	38.25	38.58	59.52	20.94	QP
6	0.327	0.13	0.20	37.00	37.33	49.52	12.19	AVERAGE @
7	0.524	0.10	0.20	37.65	37.95	56.00	18.05	QP
8	0.524	0.10	0.20	36.71	37.01	46.00	8.99	AVERAGE @
9	0.721	0.10	0.20	36.30	36.60	56.00	19.40	QP
10	0.721	0.10	0.20	36.13	36.43	46.00	9.57	AVERAGE @
11	5.769	0.10	0.60	31.38	32.08	60.00	27.92	QP
12	5.769	0.10	0.60	29.12	29.82	50.00	20.18	AVERAGE

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



Site : NO.3 Shielded room Data : 36
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (DVI)
S/N:TY0404132

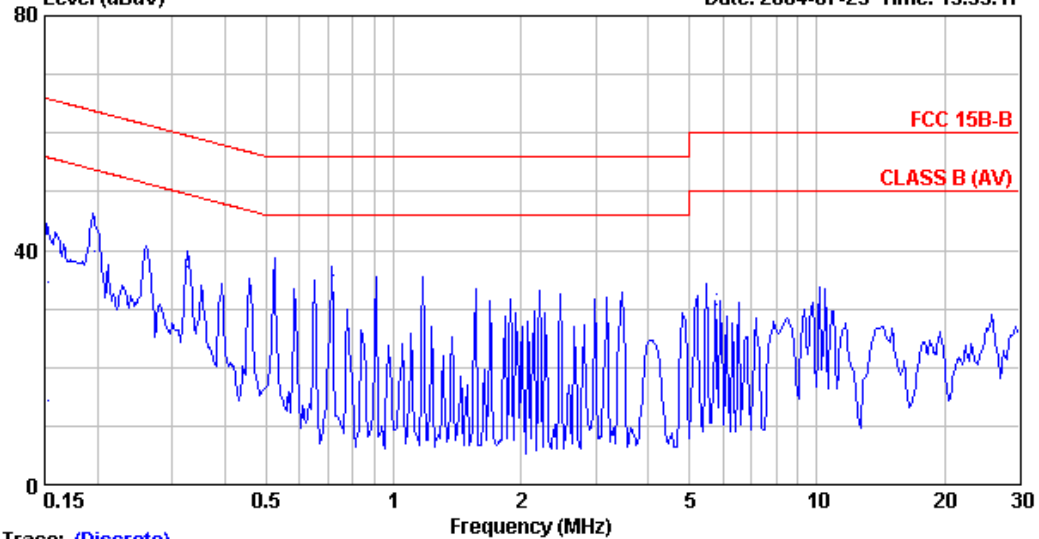
		LISN	Cable		Emission			
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.155	0.29	0.20	34.35	34.84	65.74	30.90	QP
2	0.155	0.29	0.20	10.37	10.86	55.74	44.88	AVERAGE
3	0.195	0.21	0.20	44.63	45.04	63.81	18.77	QP
4	0.195	0.21	0.20	38.82	39.23	53.81	14.58	AVERAGE @
5	0.328	0.13	0.20	37.42	37.75	59.49	21.74	QP
6	0.328	0.13	0.20	36.46	36.79	49.49	12.70	AVERAGE @
7	0.524	0.10	0.20	36.50	36.80	56.00	19.20	QP
8	0.524	0.10	0.20	35.93	36.23	46.00	9.77	AVERAGE @
9	0.719	0.10	0.20	33.85	34.15	56.00	21.85	QP
10	0.719	0.10	0.20	33.61	33.91	46.00	12.09	AVERAGE @
11	5.770	0.10	0.60	28.15	28.85	60.00	31.15	QP
12	5.770	0.10	0.60	26.64	27.34	50.00	22.66	AVERAGE

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: 38 Level (dBuV) File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Date: 2004-07-23 Time: 13:55:17



Trace: (Discrete)

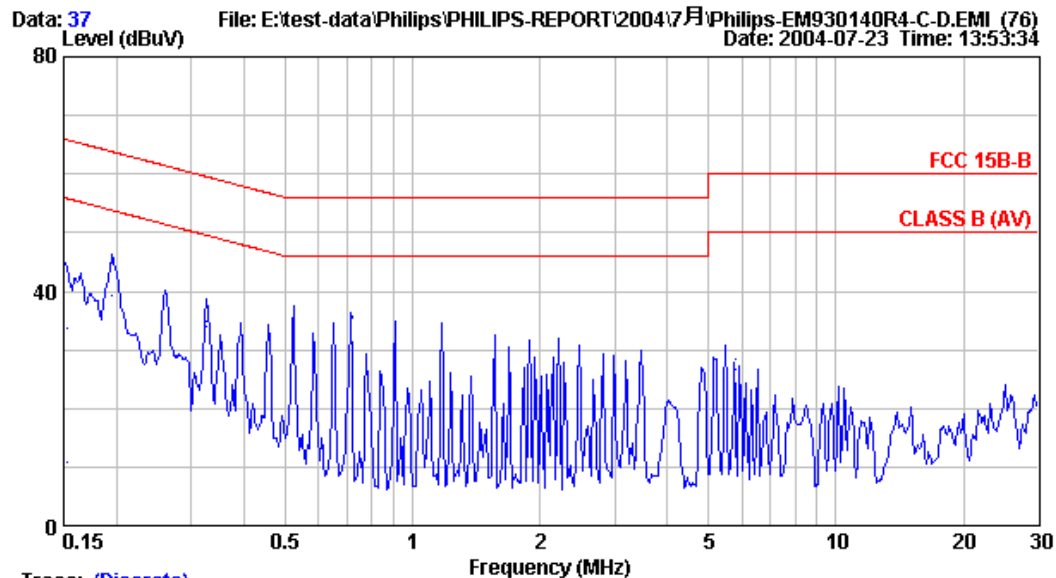
Site : NO.3 Shielded room Data : 38
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1024*1280/60Hz (DVI) + Rotate 90
S/N:TY0404132

	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	0.152	0.29	0.20	34.04	34.53	65.88	31.34	QP
2	0.152	0.29	0.20	13.86	14.35	55.88	41.52	AVERAGE
3	0.197	0.21	0.20	44.85	45.26	63.75	18.50	QP
4	0.197	0.21	0.20	39.34	39.75	53.75	14.01	AVERAGE
5	0.327	0.13	0.20	38.09	38.42	59.52	21.10	QP
6	0.327	0.13	0.20	36.96	37.29	49.52	12.23	AVERAGE
7	0.524	0.10	0.20	37.63	37.93	56.00	18.07	QP
8	0.524	0.10	0.20	36.67	36.97	46.00	9.03	AVERAGE @
9	0.719	0.10	0.20	35.57	35.87	56.00	20.13	QP
10	0.719	0.10	0.20	35.31	35.61	46.00	10.39	AVERAGE @
11	5.769	0.10	0.60	31.91	32.61	60.00	27.39	QP
12	5.769	0.10	0.60	29.94	30.64	50.00	19.36	AVERAGE

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



Site : NO.3 Shielded room Data : 37
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1024*1280/60Hz (DVI) + Rotate 90
S/N:TY0404132

	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	0.154	0.29	0.20	33.32	33.81	65.81	32.00	QP
2	0.154	0.29	0.20	10.34	10.83	55.81	44.98	AVERAGE
3	0.195	0.21	0.20	44.51	44.92	63.81	18.89	QP
4	0.195	0.21	0.20	38.74	39.15	53.81	14.66	AVERAGE
5	0.325	0.13	0.20	34.52	34.85	59.59	24.74	QP
6	0.325	0.13	0.20	33.71	34.04	49.59	15.55	AVERAGE
7	0.524	0.10	0.20	36.44	36.74	56.00	19.26	QP
8	0.524	0.10	0.20	35.89	36.19	46.00	9.81	AVERAGE @
9	0.721	0.10	0.20	35.41	35.71	56.00	20.29	QP
10	0.721	0.10	0.20	35.16	35.46	46.00	10.54	AVERAGE @
11	5.769	0.10	0.60	27.58	28.28	60.00	31.72	QP
12	5.769	0.10	0.60	25.92	26.62	50.00	23.38	AVERAGE

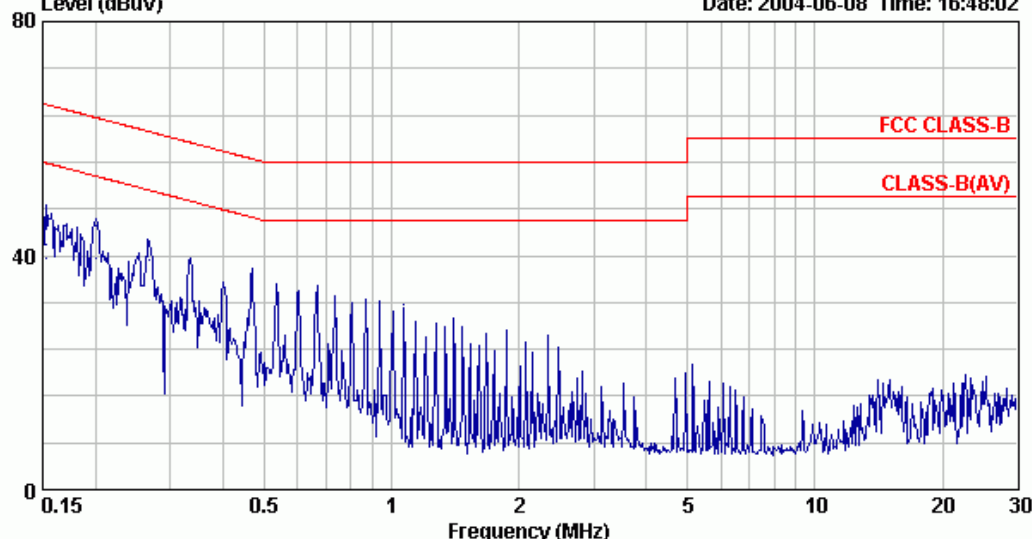
Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

《M/N 190B5, LCD Panel: AUO M/N M190EN02》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@itemc.com.tw

Data: 19 Level (dBuV) File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Date: 2004-06-08 Time: 16:48:02



Site : NO.4 Shielded room Data : 19
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 640*480 / 60Hz;31KHz(D-SUB) (4193:AUO)

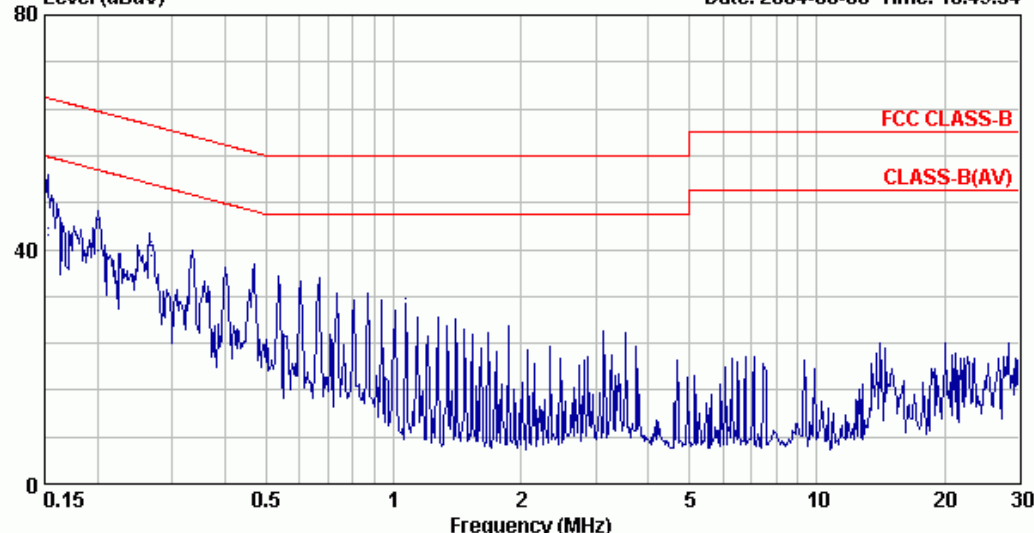
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	0.29	0.20	41.32	41.81	65.87	24.06	QP
2	0.152	0.29	0.20	39.09	39.58	55.87	16.29	AVERAGE
3	0.201	0.20	0.21	44.59	45.00	63.57	18.57	QP
4	0.201	0.20	0.21	39.05	39.46	53.57	14.11	AVERAGE
5	0.267	0.16	0.23	41.17	41.56	61.20	19.65	QP
6	0.267	0.16	0.23	38.84	39.23	51.20	11.98	AVERAGE
7	0.467	0.10	0.27	36.42	36.79	56.57	19.78	QP
8	0.467	0.10	0.27	35.79	36.16	46.57	10.41	AVERAGE
9	0.670	0.10	0.32	34.32	34.74	56.00	21.26	QP
10	0.670	0.10	0.32	33.81	34.23	46.00	11.77	AVERAGE
11	1.070	0.10	0.40	31.21	31.71	56.00	24.29	QP
12	1.070	0.10	0.40	30.54	31.04	46.00	14.96	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 20 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:49:54



Site : NO.4 Shielded room Data : 20
Condition : KNW-407 Phase : LINE
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 640*480 / 60Hz;31KHz(D-SUB) (4193:AUTO)

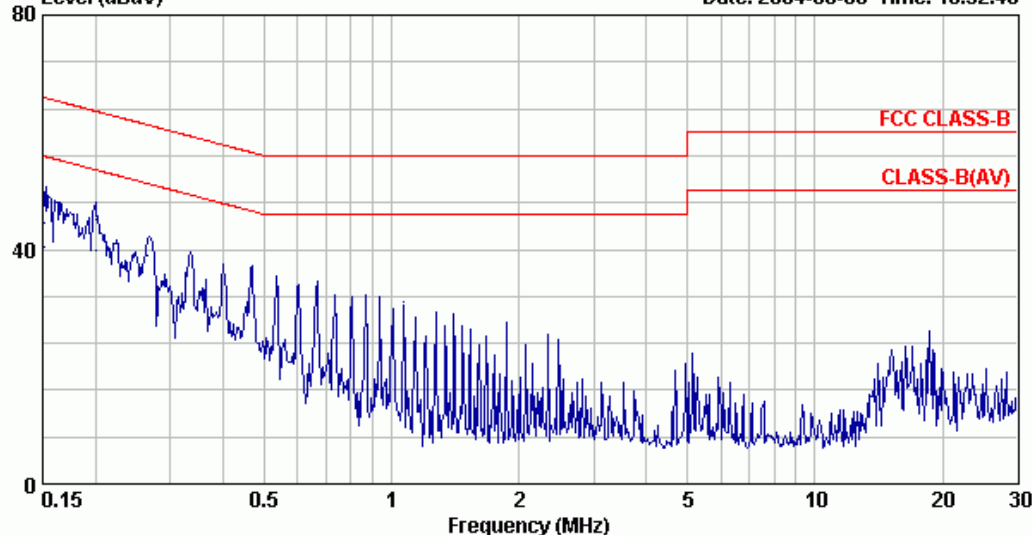
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.153	0.29	0.20	43.18	43.67	65.84	22.17	QP
2	0.153	0.29	0.20	42.08	42.57	55.84	13.27	AVERAGE
3	0.201	0.20	0.21	44.83	45.24	63.58	18.34	QP
4	0.201	0.20	0.21	39.59	40.00	53.58	13.58	AVERAGE
5	0.268	0.16	0.23	40.93	41.32	61.17	19.85	QP
6	0.268	0.16	0.23	38.59	38.98	51.17	12.19	AVERAGE
7	0.469	0.10	0.27	36.60	36.97	56.53	19.55	QP
8	0.469	0.10	0.27	36.01	36.38	46.53	10.14	AVERAGE @
9	0.668	0.10	0.32	34.80	35.22	56.00	20.78	QP
10	0.668	0.10	0.32	34.32	34.74	46.00	11.26	AVERAGE
11	1.071	0.10	0.40	31.05	31.55	56.00	24.45	QP
12	1.071	0.10	0.40	30.41	30.91	46.00	15.09	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 22 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:52:46



Site : NO.4 Shielded room Data : 22
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1024*768 / 75Hz; 60KHz (D-SUB) (4193:AUTO)

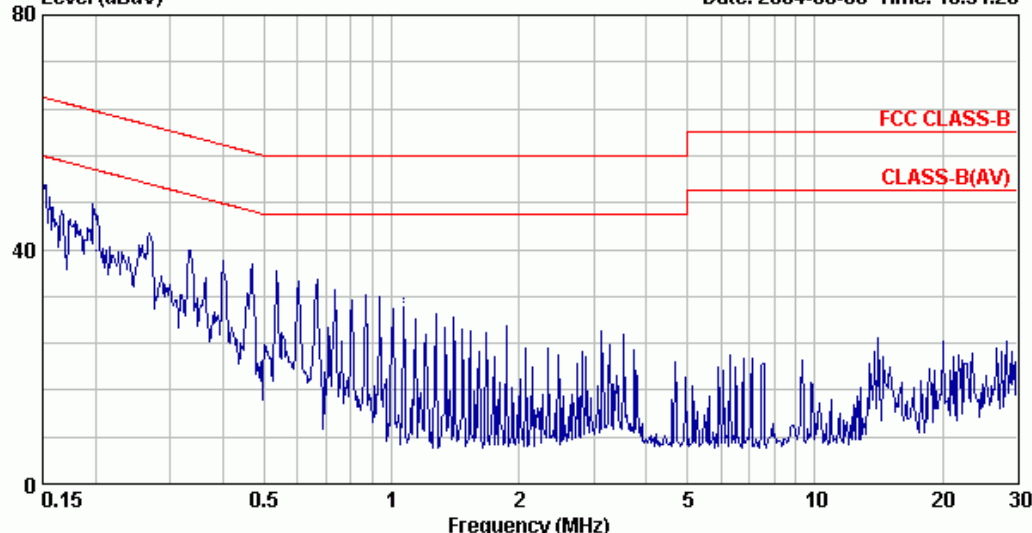
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	0.30	0.20	43.90	44.40	65.93	21.53	QP
2	0.151	0.30	0.20	39.81	40.31	55.93	15.62	AVERAGE
3	0.200	0.20	0.21	44.65	45.06	63.62	18.57	QP
4	0.200	0.20	0.21	39.59	40.00	53.62	13.63	AVERAGE
5	0.266	0.16	0.23	41.11	41.50	61.23	19.73	QP
6	0.266	0.16	0.23	38.69	39.08	51.23	12.15	AVERAGE
7	0.469	0.10	0.27	36.48	36.85	56.53	19.68	QP
8	0.469	0.10	0.27	35.81	36.18	46.53	10.35	AVERAGE
9	0.671	0.10	0.32	33.89	34.31	56.00	21.69	QP
10	0.671	0.10	0.32	33.36	33.78	46.00	12.22	AVERAGE
11	1.069	0.10	0.40	30.69	31.19	56.00	24.81	QP
12	1.069	0.10	0.40	29.84	30.34	46.00	15.66	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 21 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:51:26



Site : NO.4 Shielded room Data : 21
Condition : KNW-407 Phase : LINE
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1024*768 / 75Hz; 60KHz (D-SUB) (4193:AUX)

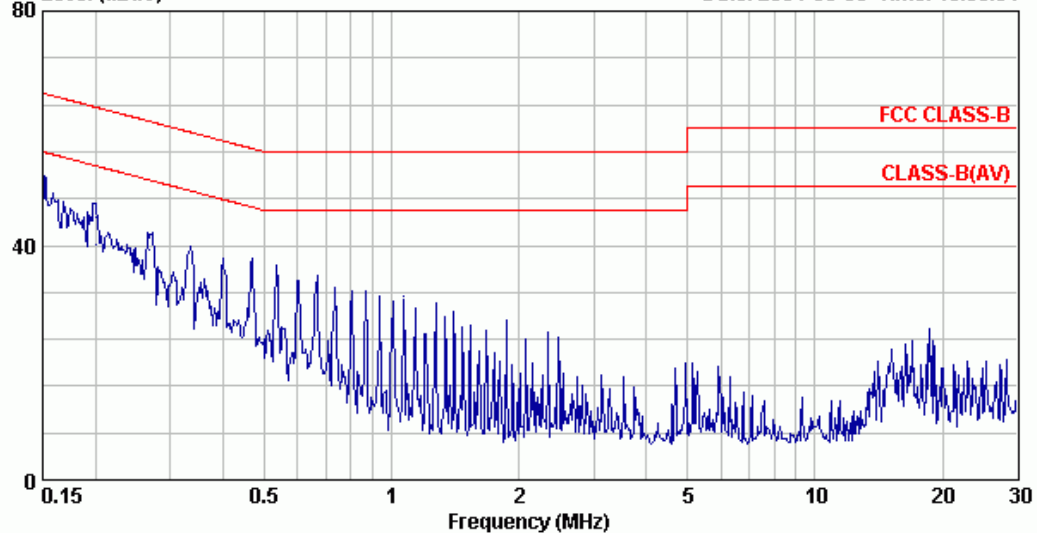
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.150	0.30	0.20	44.71	45.21	65.97	20.76	QP
2	0.150	0.30	0.20	42.24	42.74	55.97	13.23	AVERAGE
3	0.201	0.20	0.21	44.67	45.08	63.57	18.49	QP
4	0.201	0.20	0.21	39.44	39.85	53.57	13.72	AVERAGE
5	0.266	0.16	0.23	41.19	41.58	61.24	19.67	QP
6	0.266	0.16	0.23	38.85	39.24	51.24	12.01	AVERAGE
7	0.467	0.10	0.27	37.10	37.47	56.56	19.09	QP
8	0.467	0.10	0.27	36.53	36.90	46.56	9.66	AVERAGE @
9	0.671	0.10	0.32	33.93	34.35	56.00	21.65	QP
10	0.671	0.10	0.32	33.41	33.83	46.00	12.17	AVERAGE
11	1.070	0.10	0.40	31.05	31.55	56.00	24.45	QP
12	1.070	0.10	0.40	30.48	30.98	46.00	15.02	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 23 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:56:04



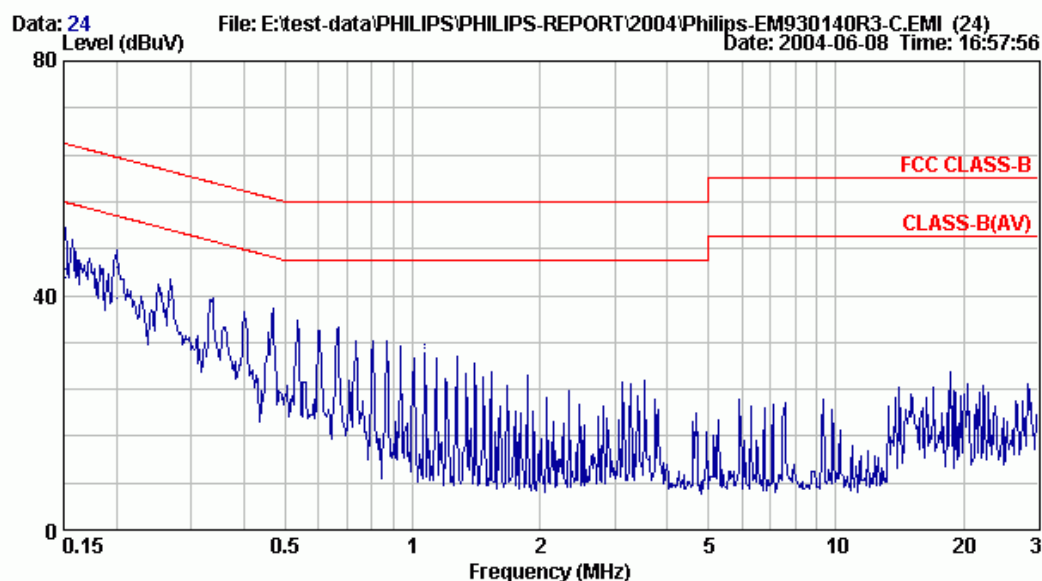
Site : NO.4 Shielded room Data : 23
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1280*1024 / 75Hz;80KHz (D-SUB) (4193:AUO)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.150	0.30	0.20	42.36	42.86	65.97	23.12	QP
2	0.150	0.30	0.20	39.34	39.84	55.97	16.14	AVERAGE
3	0.200	0.20	0.21	44.53	44.94	63.61	18.67	QP
4	0.200	0.20	0.21	39.81	40.22	53.61	13.39	AVERAGE
5	0.267	0.16	0.23	41.03	41.42	61.21	19.79	QP
6	0.267	0.16	0.23	38.79	39.18	51.21	12.03	AVERAGE
7	0.469	0.10	0.27	36.24	36.61	56.53	19.91	QP
8	0.469	0.10	0.27	35.54	35.91	46.53	10.61	AVERAGE
9	0.668	0.10	0.32	34.56	34.98	56.00	21.02	QP
10	0.668	0.10	0.32	34.02	34.44	46.00	11.56	AVERAGE
11	1.071	0.10	0.40	30.83	31.33	56.00	24.67	QP
12	1.071	0.10	0.40	30.16	30.66	46.00	15.34	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Site : NO.4 Shielded room Data : 24
Condition : KNW-407 Phase : LINE
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1280*1024 / 75Hz;80KHz (D-SUB) (4193:AUX)

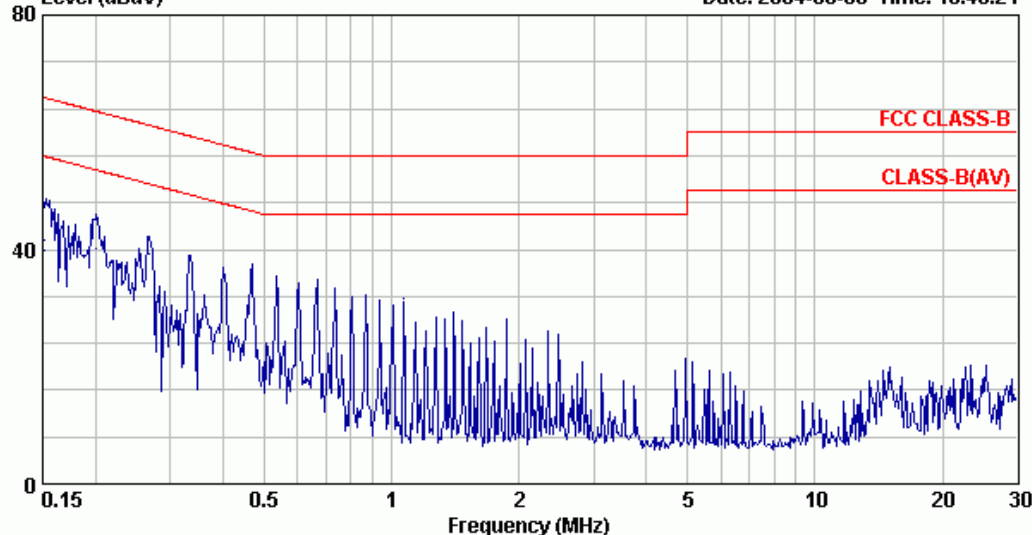
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	0.30	0.20	44.06	44.56	65.95	21.39	QP
2	0.151	0.30	0.20	42.48	42.98	55.95	12.97	AVERAGE
3	0.201	0.20	0.21	44.35	44.76	63.56	18.81	QP
4	0.201	0.20	0.21	39.24	39.65	53.56	13.92	AVERAGE
5	0.267	0.16	0.23	41.27	41.66	61.20	19.55	QP
6	0.267	0.16	0.23	39.01	39.40	51.20	11.81	AVERAGE
7	0.469	0.10	0.27	36.52	36.89	56.53	19.64	QP
8	0.469	0.10	0.27	35.85	36.22	46.53	10.31	AVERAGE @
9	0.670	0.10	0.32	34.22	34.64	56.00	21.36	QP
10	0.670	0.10	0.32	33.68	34.10	46.00	11.90	AVERAGE
11	1.070	0.10	0.40	31.09	31.59	56.00	24.41	QP
12	1.070	0.10	0.40	30.47	30.97	46.00	15.03	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 18 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:46:21



Site : NO.4 Shielded room Data : 18
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 640*480 / 60Hz;31KHz (DVI) (4193:AUX)

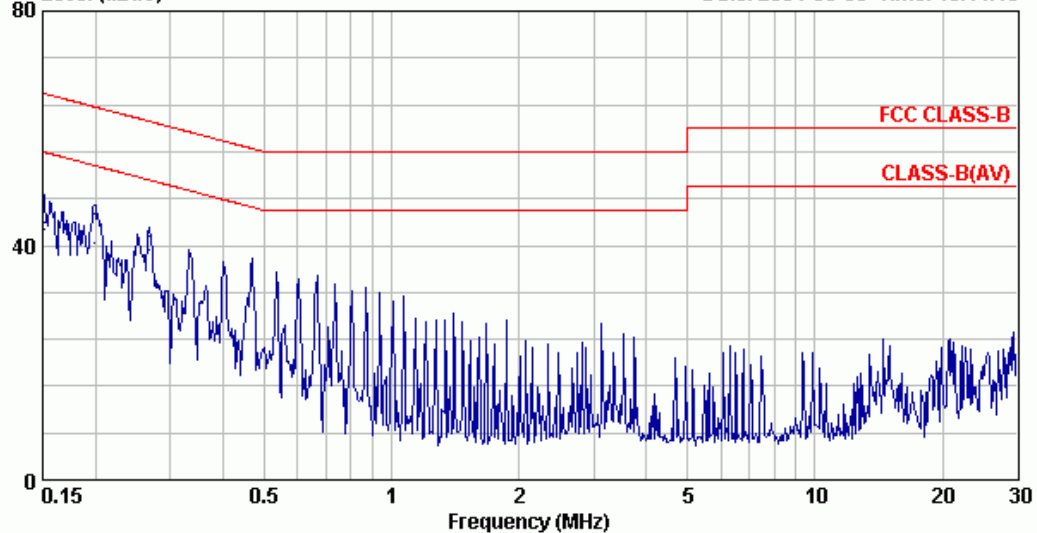
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	0.30	0.20	41.26	41.76	65.93	24.17	QP
2	0.151	0.30	0.20	39.30	39.80	55.93	16.13	AVERAGE
3	0.200	0.20	0.21	44.91	45.32	63.61	18.30	QP
4	0.200	0.20	0.21	39.86	40.27	53.61	13.35	AVERAGE
5	0.267	0.16	0.23	41.23	41.62	61.21	19.59	QP
6	0.267	0.16	0.23	38.89	39.28	51.21	11.93	AVERAGE
7	0.468	0.10	0.27	36.78	37.15	56.55	19.40	QP
8	0.468	0.10	0.27	36.16	36.53	46.55	10.02	AVERAGE @
9	0.671	0.10	0.32	33.87	34.29	56.00	21.71	QP
10	0.671	0.10	0.32	33.37	33.79	46.00	12.21	AVERAGE
11	1.071	0.10	0.40	31.07	31.57	56.00	24.43	QP
12	1.071	0.10	0.40	30.52	31.02	46.00	14.98	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 17 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:44:46



Site : NO.4 Shielded room Data : 17
Condition : KNW-407 Phase : LINE
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 640*480 / 60Hz;31KHz(DVI) (4193:AUX)

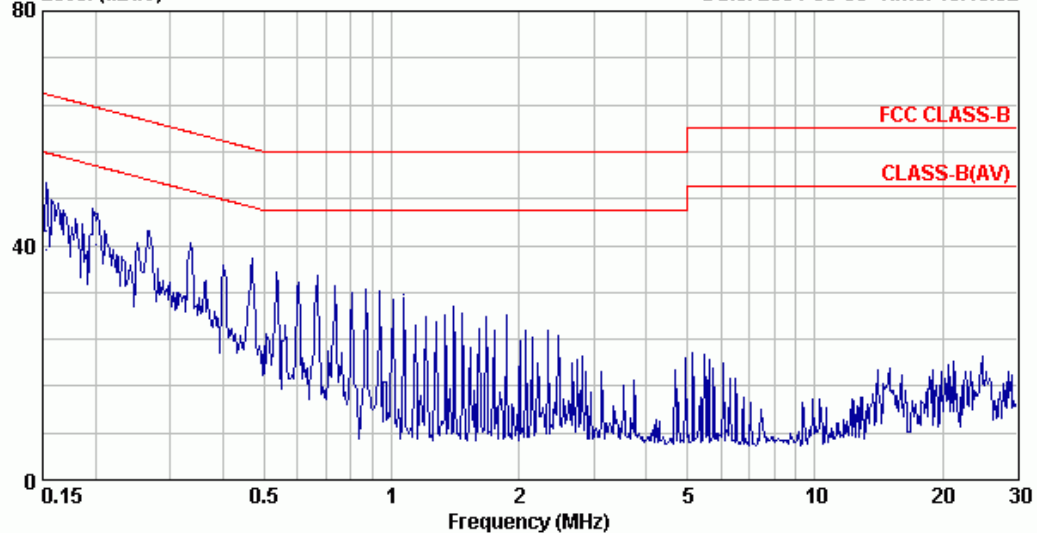
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	0.30	0.20	43.46	43.96	65.94	21.99	QP
2	0.151	0.30	0.20	42.39	42.89	55.94	13.06	AVERAGE
3	0.199	0.20	0.21	44.97	45.38	63.64	18.27	QP
4	0.199	0.20	0.21	39.90	40.31	53.64	13.34	AVERAGE
5	0.268	0.16	0.23	41.37	41.76	61.18	19.42	QP
6	0.268	0.16	0.23	38.85	39.24	51.18	11.94	AVERAGE
7	0.468	0.10	0.27	37.12	37.49	56.55	19.06	QP
8	0.468	0.10	0.27	36.49	36.86	46.55	9.69	AVERAGE @
9	0.671	0.10	0.32	33.91	34.33	56.00	21.67	QP
10	0.671	0.10	0.32	33.48	33.90	46.00	12.10	AVERAGE
11	1.071	0.10	0.40	30.95	31.45	56.00	24.55	QP
12	1.071	0.10	0.40	30.43	30.93	46.00	15.07	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 15 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:40:52



Site : NO.4 Shielded room Data : 15
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1024*768 / 75Hz; 60KHz (DVI) (4193:AUX)

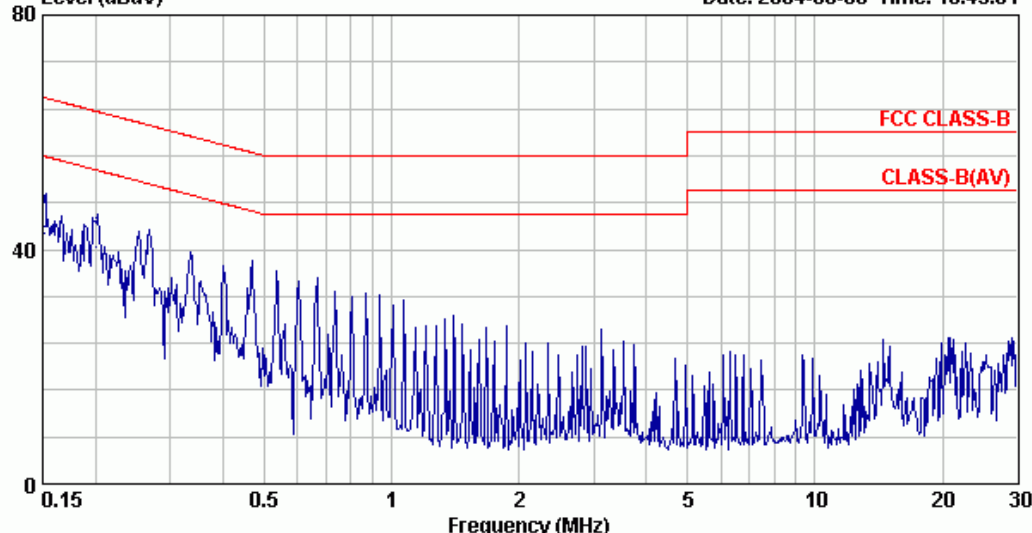
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.153	0.29	0.20	42.12	42.61	65.83	23.22	QP
2	0.153	0.29	0.20	38.63	39.12	55.83	16.71	AVERAGE
3	0.201	0.20	0.21	45.01	45.42	63.56	18.14	QP
4	0.201	0.20	0.21	39.79	40.20	53.56	13.36	AVERAGE
5	0.267	0.16	0.23	41.53	41.92	61.20	19.29	QP
6	0.267	0.16	0.23	39.03	39.42	51.20	11.79	AVERAGE
7	0.469	0.10	0.27	36.52	36.89	56.53	19.64	QP
8	0.469	0.10	0.27	35.86	36.23	46.53	10.30	AVERAGE @
9	0.671	0.10	0.32	34.01	34.43	56.00	21.57	QP
10	0.671	0.10	0.32	33.43	33.85	46.00	12.15	AVERAGE
11	1.071	0.10	0.40	31.21	31.71	56.00	24.29	QP
12	1.071	0.10	0.40	30.66	31.16	46.00	14.84	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 16 File: E:\test-data\PHILIPS\PHILIPS-REPORT\2004\Philips-EM930140R3-C-EMI (24)
Level (dBuV) Date: 2004-06-08 Time: 16:43:01



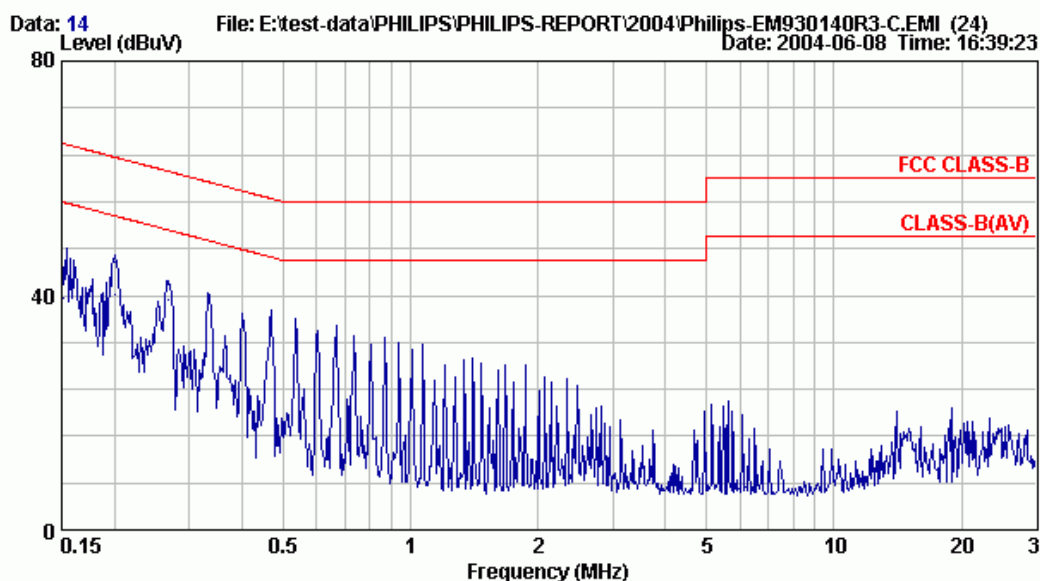
Site : NO.4 Shielded room Data : 16
Condition : KNW-407 Phase : LINE
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1024*768 / 75Hz; 60KHz (DVI) (4193:AUO)

	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	0.152	0.30	0.20	43.44	43.94	65.89	21.96	QP
2	0.152	0.30	0.20	42.32	42.82	55.89	13.08	AVERAGE
3	0.201	0.20	0.21	45.03	45.44	63.56	18.12	QP
4	0.201	0.20	0.21	39.94	40.35	53.56	13.21	AVERAGE
5	0.266	0.16	0.23	41.37	41.76	61.24	19.49	QP
6	0.266	0.16	0.23	38.96	39.35	51.24	11.90	AVERAGE
7	0.468	0.10	0.27	37.12	37.49	56.55	19.06	QP
8	0.468	0.10	0.27	36.55	36.92	46.55	9.63	AVERAGE @
9	0.671	0.10	0.32	34.08	34.50	56.00	21.50	QP
10	0.671	0.10	0.32	33.67	34.09	46.00	11.91	AVERAGE
11	1.071	0.10	0.40	30.97	31.47	56.00	24.53	QP
12	1.071	0.10	0.40	30.45	30.95	46.00	15.05	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



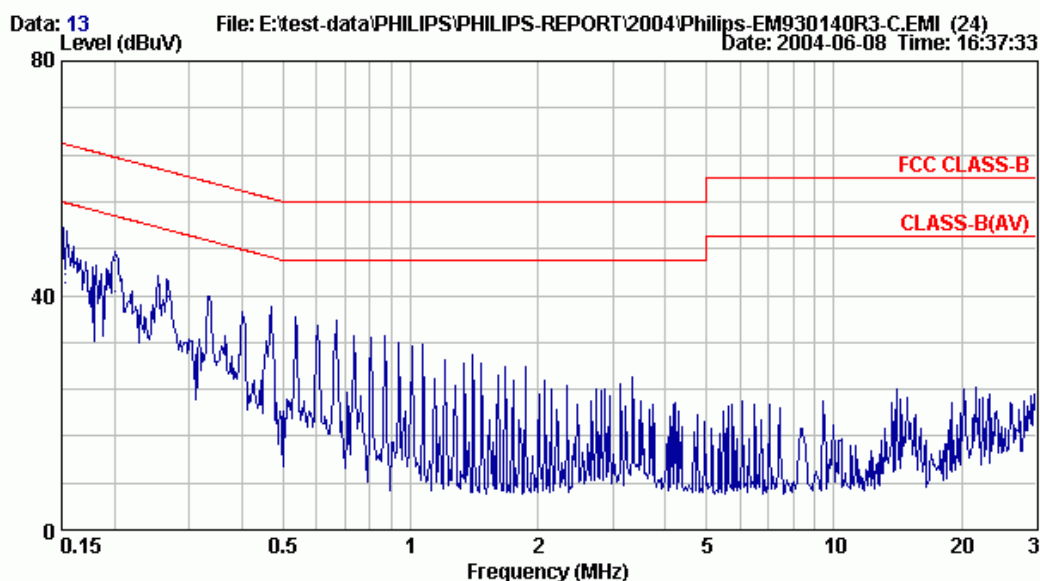
Site : NO.4 Shielded room Data : 14
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1280*1024 / 75Hz;80KHz (DVI) (4193:AUX)

	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	0.152	0.30	0.20	42.34	42.84	65.90	23.07	QP
2	0.152	0.30	0.20	39.12	39.62	55.90	16.29	AVERAGE
3	0.201	0.20	0.21	45.19	45.60	63.57	17.97	QP
4	0.201	0.20	0.21	39.60	40.01	53.57	13.56	AVERAGE
5	0.268	0.16	0.23	41.47	41.86	61.19	19.33	QP
6	0.268	0.16	0.23	38.85	39.24	51.19	11.95	AVERAGE
7	0.469	0.10	0.27	36.64	37.01	56.53	19.52	QP
8	0.469	0.10	0.27	35.98	36.35	46.53	10.18	AVERAGE @
9	0.671	0.10	0.32	34.14	34.56	56.00	21.44	QP
10	0.671	0.10	0.32	33.59	34.01	46.00	11.99	AVERAGE
11	1.071	0.10	0.40	31.23	31.73	56.00	24.27	QP
12	1.071	0.10	0.40	30.73	31.23	46.00	14.77	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



Site : NO.4 Shielded room Data : 13
Condition : KNW-407 Phase : LINE
Limit : FCC CLASS-B
Env. / Ins. : 22°C / 71% ESHS10 Engineer: Tony Chen
EUT : Flat panel color monitor M/N:190B5
Power Rating : 120Vac / 60Hz
Test Mode : 1280*1024 / 75Hz;80KHz (DVI) (4193:AUO)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.153	0.29	0.20	43.26	43.75	65.83	22.08	QP
2	0.153	0.29	0.20	41.81	42.30	55.83	13.53	AVERAGE
3	0.200	0.20	0.21	45.67	46.08	63.61	17.53	QP
4	0.200	0.20	0.21	40.30	40.71	53.61	12.90	AVERAGE
5	0.267	0.16	0.23	41.85	42.24	61.20	18.97	QP
6	0.267	0.16	0.23	39.56	39.95	51.20	11.26	AVERAGE
7	0.469	0.10	0.27	36.96	37.33	56.53	19.20	QP
8	0.469	0.10	0.27	36.42	36.79	46.53	9.74	AVERAGE @
9	0.670	0.10	0.32	34.72	35.14	56.00	20.86	QP
10	0.670	0.10	0.32	34.30	34.72	46.00	11.28	AVERAGE
11	1.071	0.10	0.40	31.07	31.57	56.00	24.43	QP
12	1.071	0.10	0.40	30.52	31.02	46.00	14.98	AVERAGE

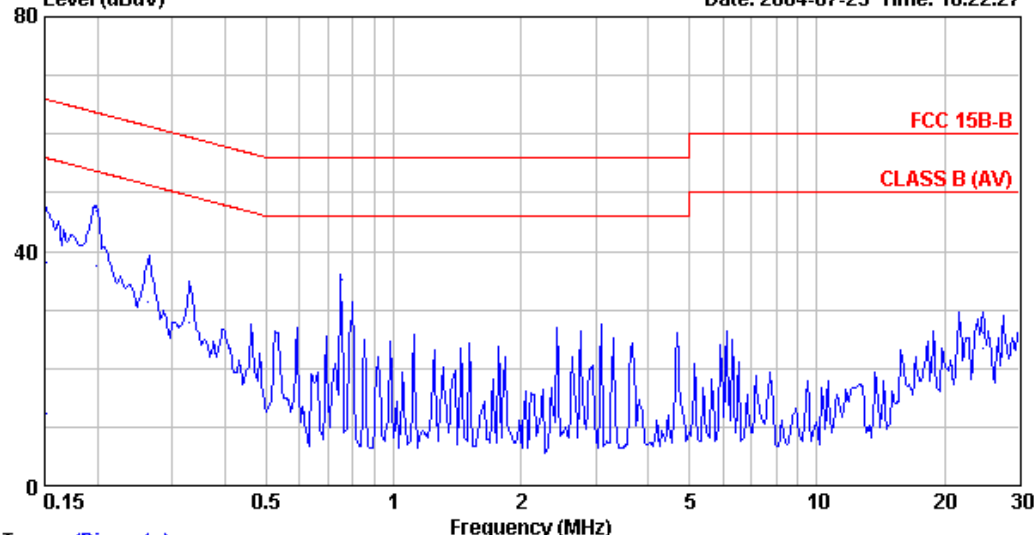
Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

《M/N 190X5, LCD Panel : LG Philips M/N LM190E03》



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: 71 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 18:22:27



Trace: (Discrete)

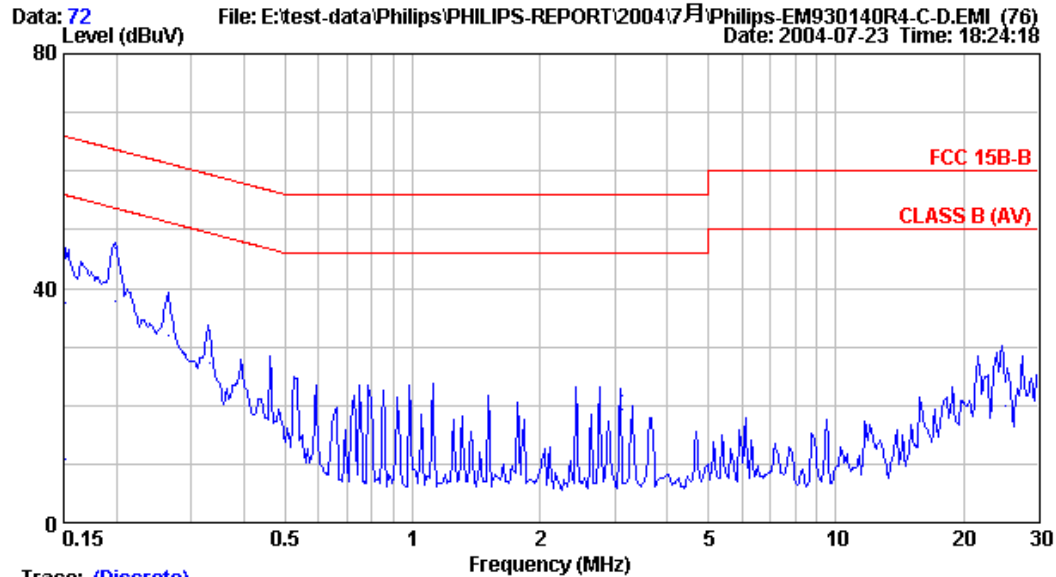
Site : NO.3 Shielded room Data : 71
Condition : KNW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (D-SUB)
S/N:TY0404438

	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	0.152	0.30	0.20	37.66	38.16	65.91	27.76	QP
2	0.152	0.30	0.20	11.88	12.38	55.91	43.54	AVERAGE
3	0.199	0.20	0.20	46.59	46.99	63.65	16.66	QP
4	0.199	0.20	0.20	37.23	37.63	53.65	16.02	AVERAGE @
5	0.264	0.16	0.20	37.47	37.83	61.32	23.49	QP
6	0.264	0.16	0.20	31.05	31.41	51.32	19.91	AVERAGE
7	0.330	0.13	0.20	33.06	33.39	59.45	26.06	QP
8	0.330	0.13	0.20	27.39	27.72	49.45	21.73	AVERAGE
9	0.752	0.10	0.20	34.87	35.17	56.00	20.83	QP
10	0.752	0.10	0.20	34.95	35.25	46.00	10.75	AVERAGE @
11	24.620	0.30	0.70	25.12	26.12	60.00	33.88	QP
12	24.620	0.30	0.70	22.48	23.48	50.00	26.52	AVERAGE

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



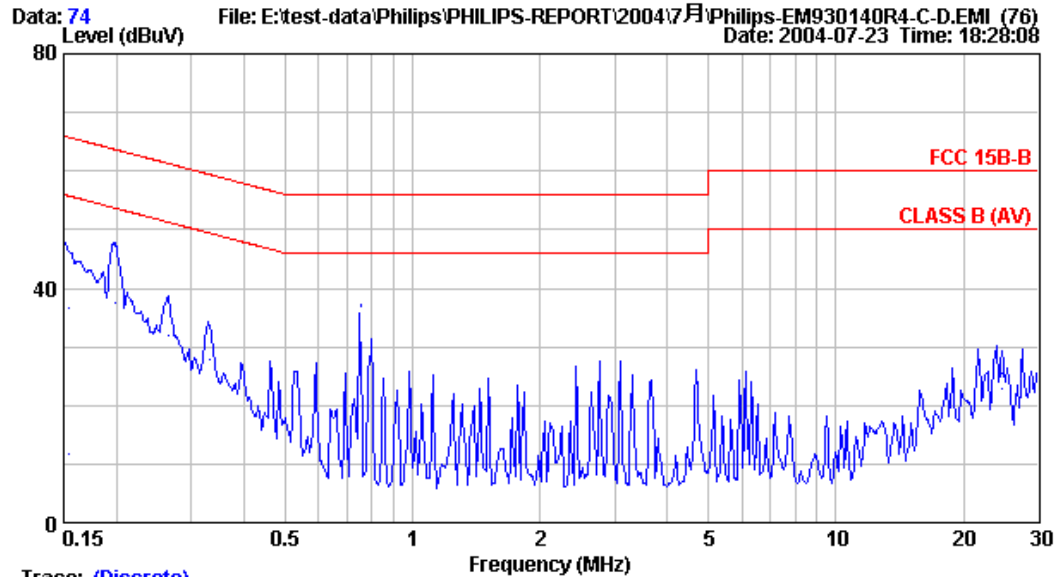
Site : NO.3 Shielded room Data : 72
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (D-SUB)
S/N:TY0404438

	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	0.152	0.30	0.20	36.95	37.45	65.90	28.46	QP
2	0.152	0.30	0.20	10.42	10.92	55.90	44.99	AVERAGE
3	0.198	0.20	0.20	46.47	46.87	63.70	16.83	QP
4	0.198	0.20	0.20	37.28	37.68	53.70	16.02	AVERAGE @
5	0.265	0.16	0.20	37.88	38.24	61.28	23.04	QP
6	0.265	0.16	0.20	31.71	32.07	51.28	19.21	AVERAGE
7	0.333	0.13	0.20	32.09	32.42	59.38	26.97	QP
8	0.333	0.13	0.20	26.86	27.19	49.38	22.20	AVERAGE
9	3.113	0.10	0.40	21.12	21.62	56.00	34.38	QP
10	3.113	0.10	0.40	18.84	19.34	46.00	26.66	AVERAGE
11	25.169	0.40	0.70	22.88	23.98	60.00	36.02	QP
12	25.169	0.40	0.70	18.83	19.93	50.00	30.07	AVERAGE

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:ttmc@ttmc.com.tw



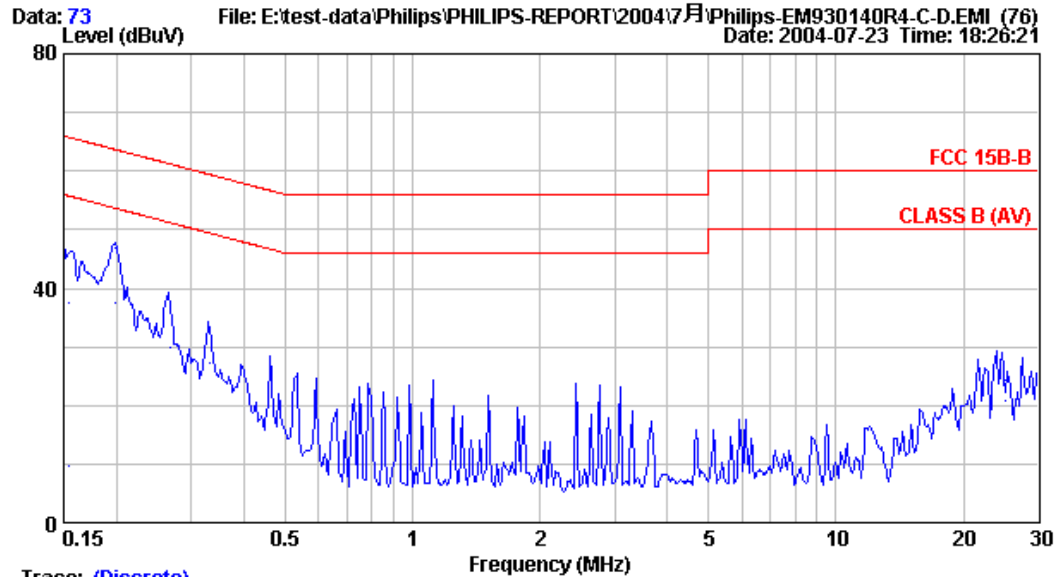
Site : NO.3 Shielded room Data : 74
Condition : KNW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (D-SUB)
S/N:TY0404438

	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	0.154	0.29	0.20	36.23	36.72	65.80	29.08	QP
2	0.154	0.29	0.20	11.37	11.86	55.80	43.94	AVERAGE
3	0.199	0.20	0.20	46.65	47.05	63.65	16.60	QP
4	0.199	0.20	0.20	37.16	37.56	53.65	16.09	AVERAGE @
5	0.265	0.16	0.20	37.88	38.24	61.28	23.04	QP
6	0.265	0.16	0.20	31.44	31.80	51.28	19.48	AVERAGE
7	0.331	0.13	0.20	33.28	33.61	59.42	25.81	QP
8	0.331	0.13	0.20	27.59	27.92	49.42	21.50	AVERAGE
9	0.755	0.10	0.20	36.76	37.06	56.00	18.94	QP
10	0.755	0.10	0.20	36.89	37.19	46.00	8.81	AVERAGE @
11	24.620	0.30	0.70	24.44	25.44	60.00	34.56	QP
12	24.620	0.30	0.70	21.93	22.93	50.00	27.07	AVERAGE

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



Site : NO.3 Shielded room Data : 73
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (D-SUB)
S/N:TY0404438

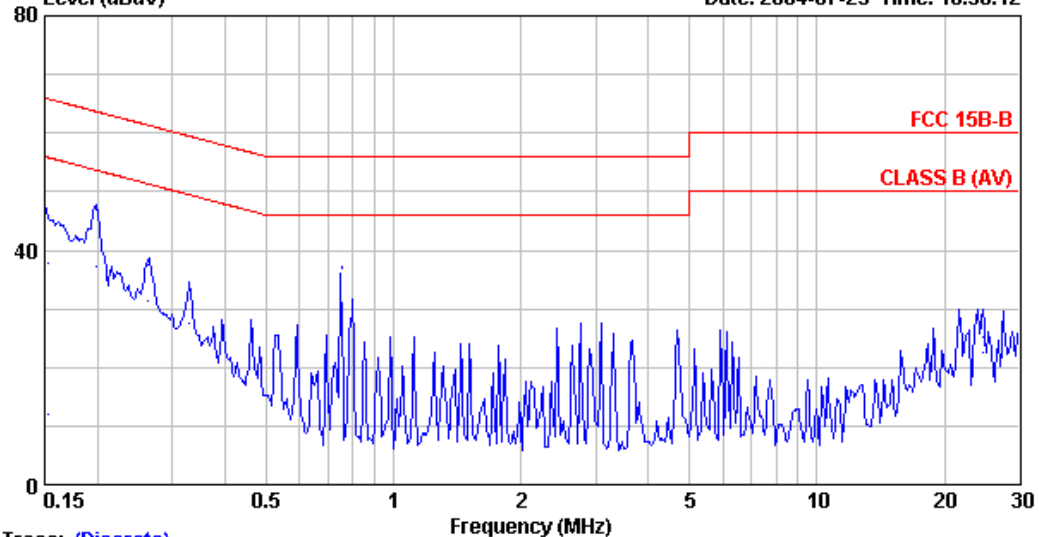
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.154	0.29	0.20	36.93	37.42	65.76	28.34	QP
2	0.154	0.29	0.20	9.06	9.55	55.76	46.21	AVERAGE
3	0.198	0.20	0.20	46.51	46.91	63.70	16.79	QP
4	0.198	0.20	0.20	37.22	37.62	53.70	16.08	AVERAGE @
5	0.267	0.16	0.20	35.64	36.00	61.20	25.20	QP
6	0.267	0.16	0.20	29.50	29.86	51.20	21.34	AVERAGE
7	0.333	0.13	0.20	32.07	32.40	59.38	26.99	QP
8	0.333	0.13	0.20	26.95	27.28	49.38	22.11	AVERAGE
9	3.110	0.10	0.40	21.20	21.70	56.00	34.30	QP
10	3.110	0.10	0.40	18.65	19.15	46.00	26.85	AVERAGE
11	25.170	0.40	0.70	23.24	24.34	60.00	35.66	QP
12	25.170	0.40	0.70	19.73	20.83	50.00	29.17	AVERAGE

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: 75 Level (dBuV) File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Date: 2004-07-23 Time: 18:30:12



Trace: (Discrete)

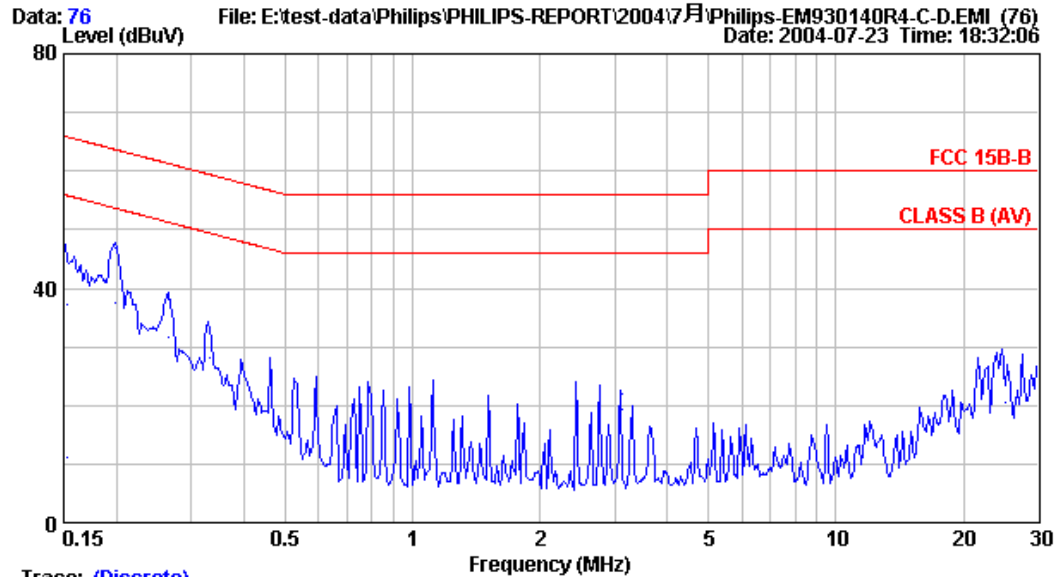
Site : NO.3 Shielded room Data : 75
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (D-SUB)
S/N:TY0404438

	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	0.153	0.29	0.20	37.17	37.66	65.85	28.19	QP
2	0.153	0.29	0.20	11.40	11.89	55.85	43.96	AVERAGE
3	0.198	0.20	0.20	46.39	46.79	63.70	16.91	QP
4	0.198	0.20	0.20	36.81	37.21	53.70	16.49	AVERAGE
5	0.264	0.16	0.20	37.16	37.52	61.32	23.80	QP
6	0.264	0.16	0.20	31.03	31.39	51.32	19.93	AVERAGE
7	0.330	0.13	0.20	32.98	33.31	59.45	26.14	QP
8	0.330	0.13	0.20	27.32	27.65	49.45	21.80	AVERAGE
9	0.755	0.10	0.20	36.70	37.00	56.00	19.00	QP
10	0.755	0.10	0.20	36.85	37.15	46.00	8.85	AVERAGE @
11	24.623	0.30	0.70	24.12	25.12	60.00	34.88	QP
12	24.623	0.30	0.70	21.44	22.44	50.00	27.56	AVERAGE

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



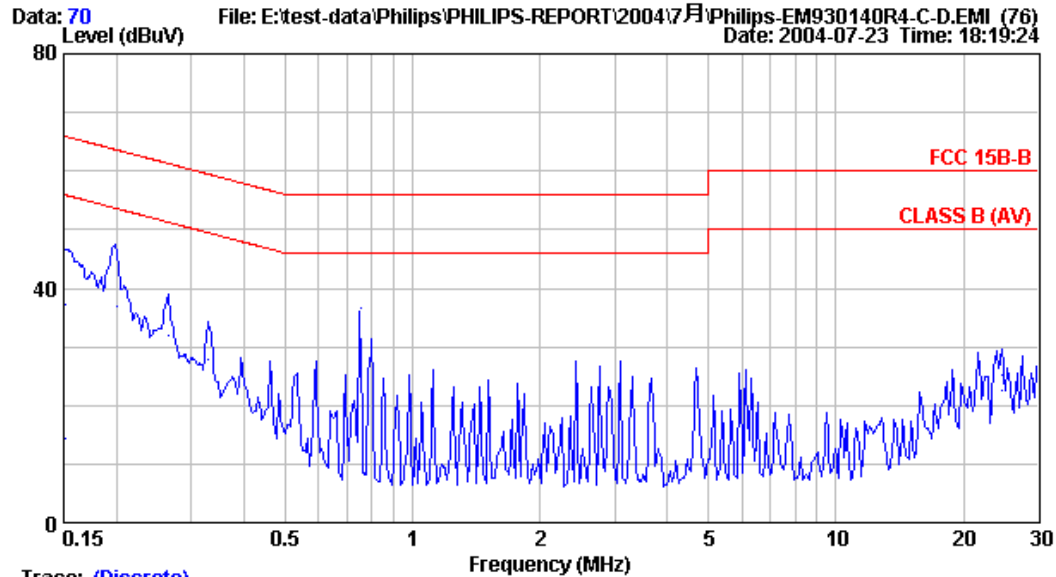
Site : NO.3 Shielded room Data : 76
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (D-SUB)
S/N:TY0404438

	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	0.153	0.29	0.20	36.79	37.28	65.82	28.54	QP
2	0.153	0.29	0.20	10.67	11.16	55.82	44.66	AVERAGE
3	0.198	0.20	0.20	46.49	46.89	63.70	16.81	QP
4	0.198	0.20	0.20	37.17	37.57	53.70	16.13	AVERAGE @
5	0.266	0.16	0.20	37.60	37.96	61.24	23.28	QP
6	0.266	0.16	0.20	31.30	31.66	51.24	19.58	AVERAGE
7	0.331	0.13	0.20	32.89	33.22	59.42	26.20	QP
8	0.331	0.13	0.20	27.80	28.13	49.42	21.29	AVERAGE
9	3.113	0.10	0.40	21.38	21.88	56.00	34.12	QP
10	3.113	0.10	0.40	18.92	19.42	46.00	26.58	AVERAGE
11	25.170	0.40	0.70	22.96	24.06	60.00	35.94	QP
12	25.170	0.40	0.70	19.53	20.63	50.00	29.37	AVERAGE

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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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



Site : NO.3 Shielded room Data : 70
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (DVI)
S/N:TY0404438

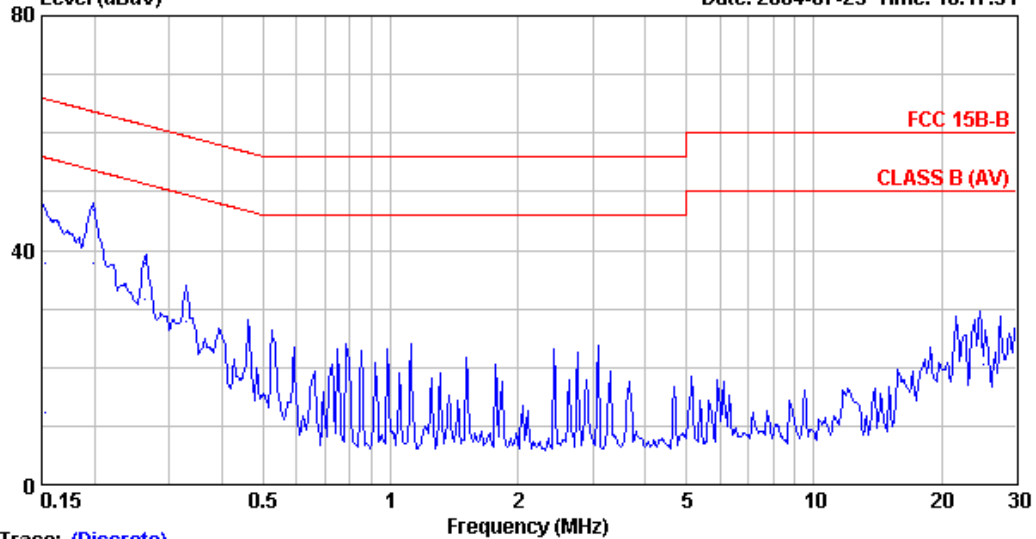
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.152	0.30	0.20	36.79	37.29	65.90	28.62	QP
2	0.152	0.30	0.20	13.77	14.27	55.90	41.64	AVERAGE
3	0.200	0.20	0.20	45.83	46.23	63.60	17.37	QP
4	0.200	0.20	0.20	36.44	36.84	53.60	16.76	AVERAGE
5	0.265	0.16	0.20	37.70	38.06	61.28	23.22	QP
6	0.265	0.16	0.20	31.50	31.86	51.28	19.42	AVERAGE
7	0.330	0.13	0.20	33.08	33.41	59.45	26.04	QP
8	0.330	0.13	0.20	27.40	27.73	49.45	21.72	AVERAGE
9	0.753	0.10	0.20	36.26	36.56	56.00	19.44	QP
10	0.753	0.10	0.20	36.38	36.68	46.00	9.32	AVERAGE @
11	24.619	0.30	0.70	24.08	25.08	60.00	34.92	QP
12	24.619	0.30	0.70	21.51	22.51	50.00	27.49	AVERAGE

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: 69 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 18:17:31



Trace: (Discrete)

Site : NO.3 Shielded room Data : 69
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz (DVI)
S/N:TY0404438

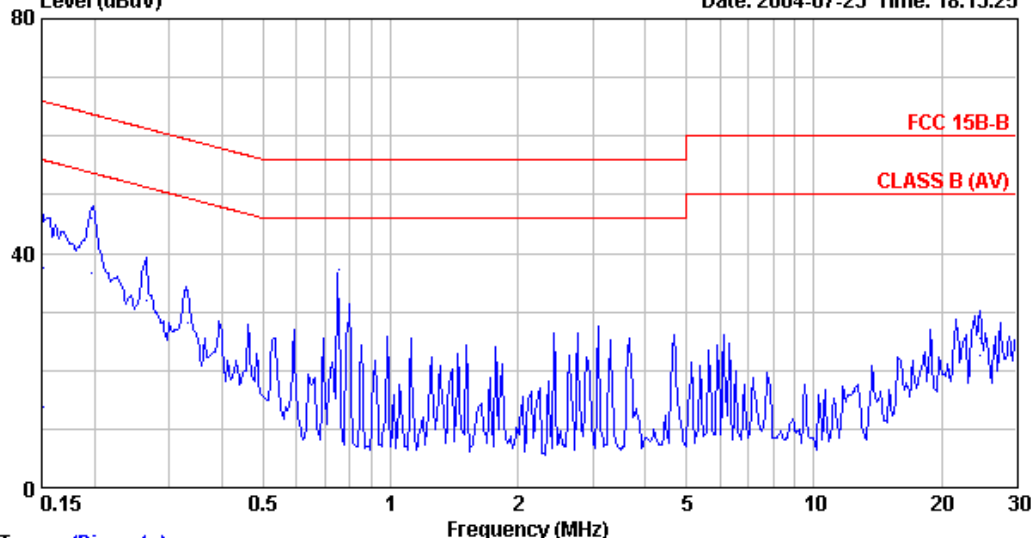
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.152	0.29	0.20	37.23	37.72	65.87	28.15	QP
2	0.152	0.29	0.20	11.77	12.26	55.87	43.61	AVERAGE
3	0.198	0.20	0.20	46.51	46.91	63.70	16.79	QP
4	0.198	0.20	0.20	37.32	37.72	53.70	15.98	AVERAGE @
5	0.264	0.16	0.20	37.57	37.93	61.32	23.39	QP
6	0.264	0.16	0.20	31.42	31.78	51.32	19.54	AVERAGE
7	0.330	0.13	0.20	32.69	33.02	59.45	26.43	QP
8	0.330	0.13	0.20	27.57	27.90	49.45	21.55	AVERAGE
9	3.109	0.10	0.40	20.11	20.61	56.00	35.39	QP
10	3.109	0.10	0.40	17.50	18.00	46.00	28.00	AVERAGE
11	25.170	0.40	0.70	22.98	24.08	60.00	35.92	QP
12	25.170	0.40	0.70	19.54	20.64	50.00	29.36	AVERAGE

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: 67 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 18:13:25



Trace: (Discrete)

Site : NO.3 Shielded room Data : 67
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (DVI)
S/N:TY0404438

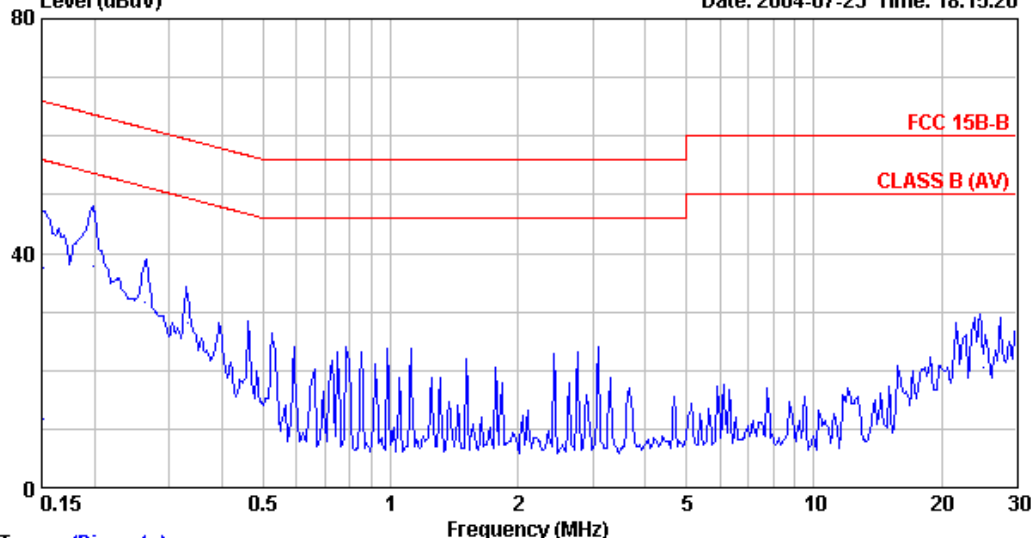
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.151	0.30	0.20	37.01	37.51	65.94	28.44	QP
2	0.151	0.30	0.20	13.29	13.79	55.94	42.16	AVERAGE
3	0.196	0.21	0.20	45.69	46.10	63.76	17.66	QP
4	0.196	0.21	0.20	36.14	36.55	53.76	17.21	AVERAGE
5	0.265	0.16	0.20	37.96	38.32	61.27	22.95	QP
6	0.265	0.16	0.20	31.47	31.83	51.27	19.44	AVERAGE
7	0.331	0.13	0.20	33.34	33.67	59.41	25.75	QP
8	0.331	0.13	0.20	27.66	27.99	49.41	21.43	AVERAGE
9	0.756	0.10	0.20	36.88	37.18	56.00	18.82	QP
10	0.756	0.10	0.20	37.04	37.34	46.00	8.66	AVERAGE @
11	24.623	0.30	0.70	24.62	25.62	60.00	34.38	QP
12	24.623	0.30	0.70	21.47	22.47	50.00	27.53	AVERAGE

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: 68 Level (dBuV) File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Date: 2004-07-23 Time: 18:15:26



Trace: (Discrete)

Site : NO.3 Shielded room Data : 68
Condition : KNW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz (DVI)
S/N:TY0404438

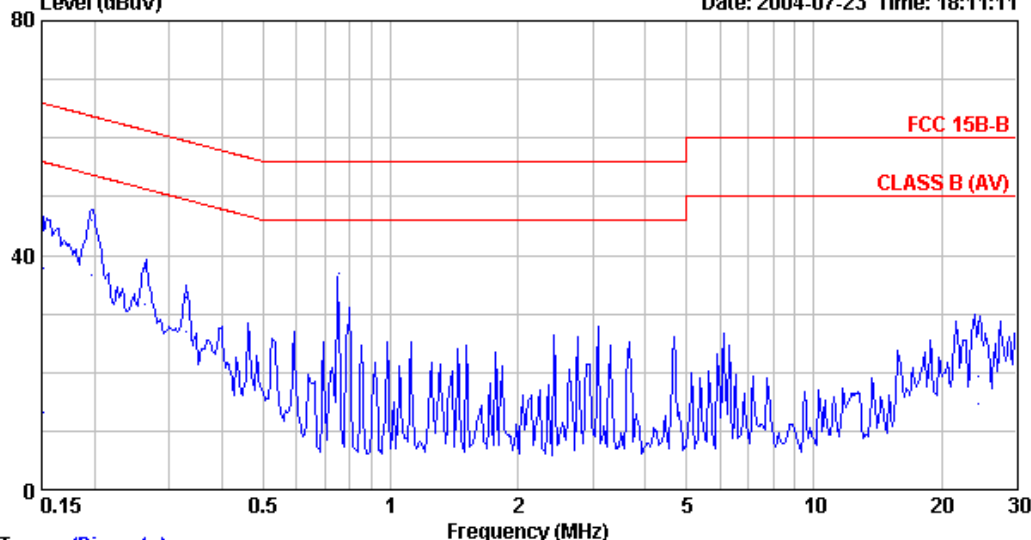
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.151	0.30	0.20	37.03	37.53	65.95	28.42	QP
2	0.151	0.30	0.20	11.13	11.63	55.95	44.32	AVERAGE
3	0.199	0.20	0.20	46.79	47.19	63.65	16.46	QP
4	0.199	0.20	0.20	37.52	37.92	53.65	15.73	AVERAGE @
5	0.264	0.16	0.20	37.69	38.05	61.32	23.27	QP
6	0.264	0.16	0.20	31.37	31.73	51.32	19.59	AVERAGE
7	0.331	0.13	0.20	32.93	33.26	59.42	26.16	QP
8	0.331	0.13	0.20	27.74	28.07	49.42	21.35	AVERAGE
9	3.109	0.10	0.40	20.45	20.95	56.00	35.05	QP
10	3.109	0.10	0.40	17.85	18.35	46.00	27.65	AVERAGE
11	25.170	0.40	0.70	23.02	24.12	60.00	35.88	QP
12	25.170	0.40	0.70	19.42	20.52	50.00	29.48	AVERAGE

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: 66 File: E:\test-data\Philips\PHILIPS-REPORT\2004\7月\Philips-EM930140R4-C-D-EMI (76)
Level (dBuV) Date: 2004-07-23 Time: 18:11:11



Trace: (Discrete)

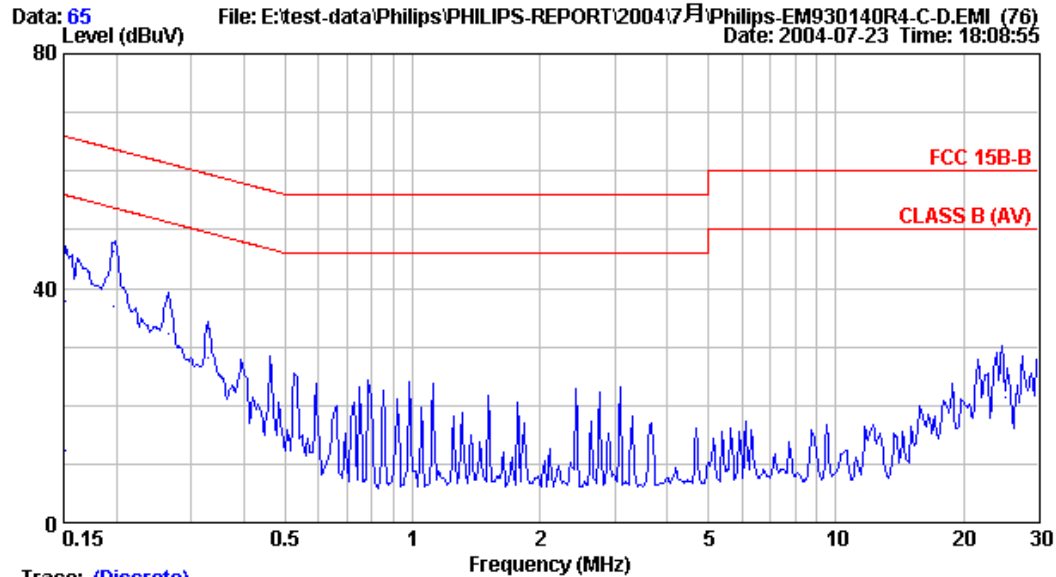
Site : NO.3 Shielded room Data : 66
Condition : KMW-407 (040628) Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (DVI)
S/N:TY0404438

	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	0.152	0.30	0.20	37.17	37.67	65.91	28.25	QP
2	0.152	0.30	0.20	12.74	13.24	55.91	42.68	AVERAGE
3	0.196	0.21	0.20	45.71	46.12	63.76	17.64	QP
4	0.196	0.21	0.20	36.26	36.67	53.76	17.09	AVERAGE
5	0.264	0.16	0.20	37.45	37.81	61.31	23.50	QP
6	0.264	0.16	0.20	31.15	31.51	51.31	19.80	AVERAGE
7	0.329	0.13	0.20	32.41	32.74	59.48	26.74	QP
8	0.329	0.13	0.20	26.71	27.04	49.48	22.44	AVERAGE
9	0.754	0.10	0.20	36.62	36.92	56.00	19.08	QP
10	0.754	0.10	0.20	36.75	37.05	46.00	8.95	AVERAGE @
11	24.396	0.30	0.70	18.28	19.28	60.00	40.72	QP
12	24.396	0.30	0.70	13.52	14.52	50.00	35.48	AVERAGE

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



Site : NO.3 Shielded room Data : 65
Condition : KMW-407 (040628) Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : (26°C/47%) / ESCS30 Engineer: Akex Huang
EUT : Color Monitor M/N:190X5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz ; 80KHz (DVI)
S/N:TY0404438

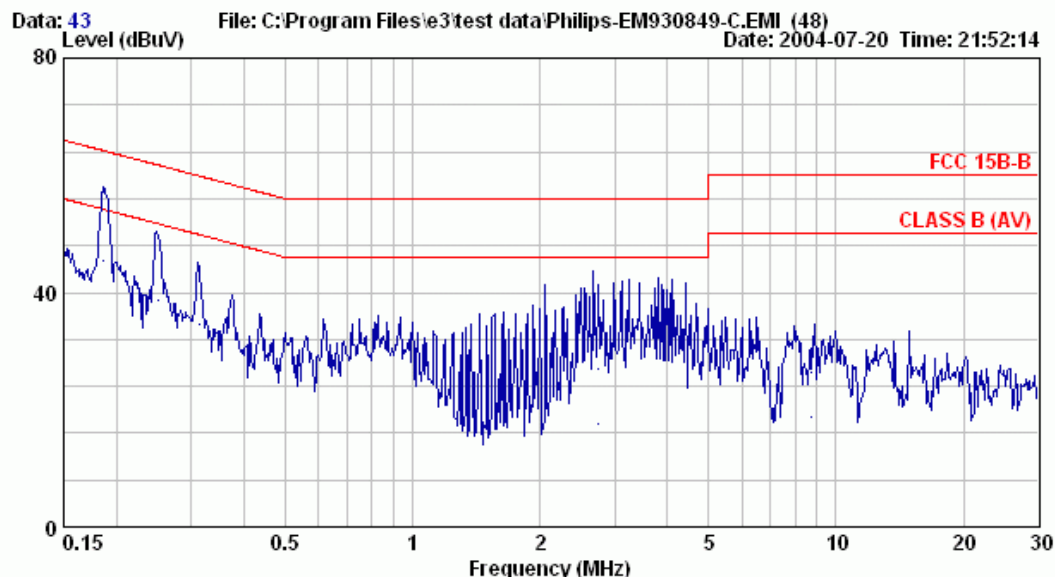
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.152	0.29	0.20	37.19	37.68	65.89	28.20	QP
2	0.152	0.29	0.20	11.94	12.43	55.89	43.45	AVERAGE
3	0.196	0.21	0.20	45.79	46.20	63.76	17.56	QP
4	0.196	0.21	0.20	36.51	36.92	53.76	16.84	AVERAGE
5	0.265	0.16	0.20	38.08	38.44	61.28	22.84	QP
6	0.265	0.16	0.20	31.82	32.18	51.28	19.10	AVERAGE
7	0.330	0.13	0.20	32.85	33.18	59.44	26.26	QP
8	0.330	0.13	0.20	27.70	28.03	49.44	21.41	AVERAGE
9	3.111	0.10	0.40	21.59	22.09	56.00	33.91	QP
10	3.111	0.10	0.40	19.38	19.88	46.00	26.12	AVERAGE
11	25.173	0.40	0.70	22.67	23.77	60.00	36.23	QP
12	25.173	0.40	0.70	20.21	21.31	50.00	28.69	AVERAGE

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.

《M/N E193FPp, LCD Panel : LG Philips M/N LM190E03》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Site : NO.4 Shielded room Data : 43
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz
PANEL:LPL

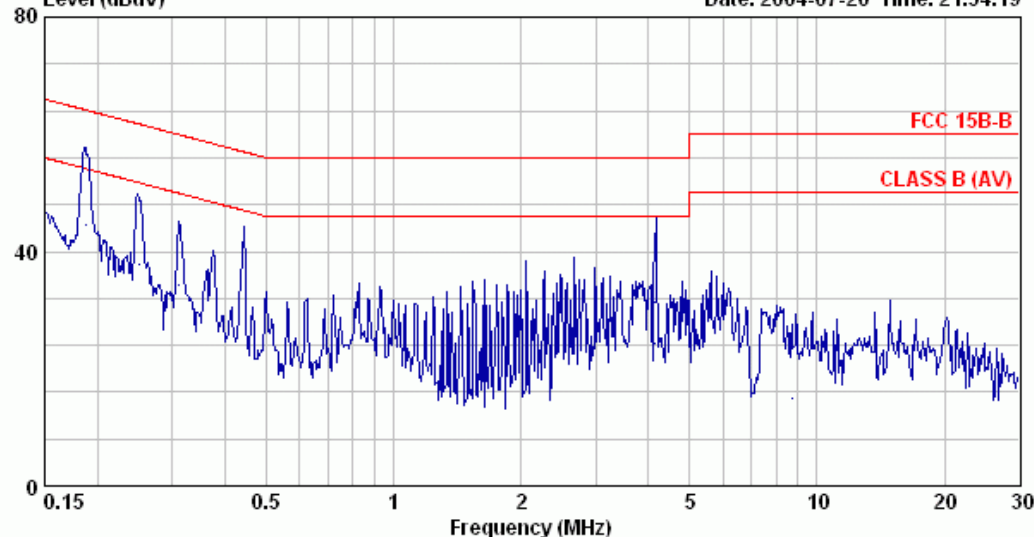
		LISN	Cable		Emission				
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
	(MHz)	(dB)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dB)		
1	0.186	0.22	0.21	56.78	57.21	64.19	6.98	QP	@
2	0.186	0.22	0.21	45.06	45.49	54.19	8.70	AVERAGE	@
3	0.250	0.17	0.22	48.86	49.25	61.75	12.50	QP	
4	0.250	0.17	0.22	38.22	38.61	51.75	13.14	AVERAGE	
5	0.313	0.14	0.24	43.57	43.94	59.89	15.95	QP	
6	0.313	0.14	0.24	34.27	34.64	49.89	15.25	AVERAGE	
7	1.375	0.10	0.43	32.58	33.11	56.00	22.89	QP	
8	1.375	0.10	0.43	27.68	28.21	46.00	17.79	AVERAGE	
9	2.733	0.10	0.52	26.33	26.95	56.00	29.05	QP	
10	2.733	0.10	0.52	16.93	17.55	46.00	28.45	AVERAGE	
11	8.723	0.18	0.68	25.59	26.45	60.00	33.55	QP	
12	8.723	0.18	0.68	17.94	18.80	50.00	31.20	AVERAGE	

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 44 File: C:\Program Files\ie3\test data\Philips-EM930849-C.EMI (48) Date: 2004-07-20 Time: 21:54:19



Site : NO.4 Shielded room Data : 44
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz
PANEL:LPL

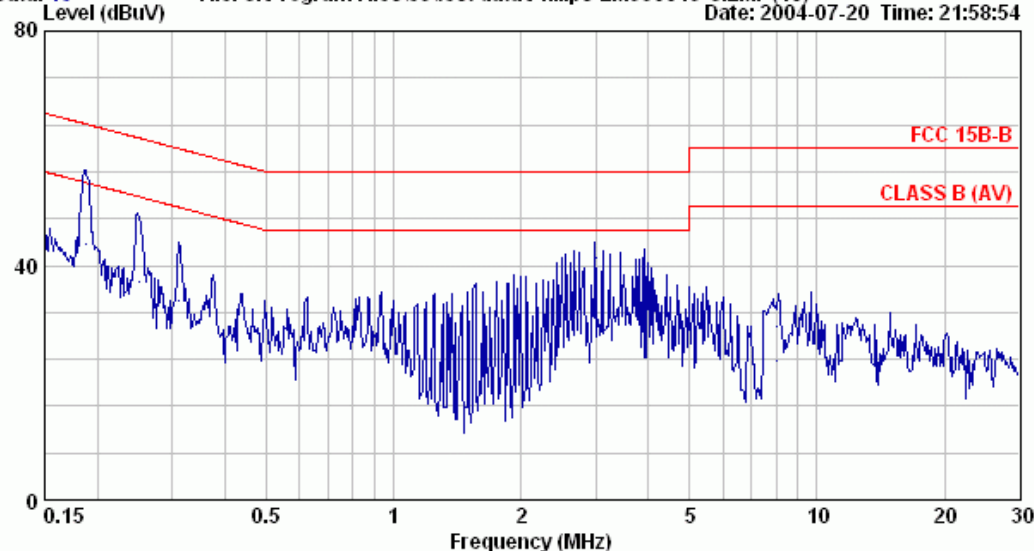
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.187	0.22	0.21	56.25	56.68	64.15	7.47	QP @
2	0.187	0.22	0.21	44.16	44.59	54.15	9.56	AVERAGE
3	0.251	0.17	0.22	48.22	48.61	61.74	13.13	QP
4	0.251	0.17	0.22	37.37	37.76	51.74	13.98	AVERAGE
5	0.312	0.14	0.24	43.53	43.90	59.92	16.02	QP
6	0.312	0.14	0.24	34.00	34.37	49.92	15.55	AVERAGE
7	1.375	0.10	0.43	28.14	28.67	56.00	27.33	QP
8	1.375	0.10	0.43	24.68	25.21	46.00	20.79	AVERAGE
9	4.124	0.10	0.60	30.77	31.47	56.00	24.53	QP
10	4.124	0.10	0.60	23.70	24.40	46.00	21.60	AVERAGE
11	8.736	0.10	0.68	24.42	25.20	60.00	34.80	QP
12	8.736	0.10	0.68	14.28	15.06	50.00	34.94	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 46 File: C:\Program Files\ie3\test data\Philips-EM930849-C.EMI (48) Date: 2004-07-20 Time: 21:58:54



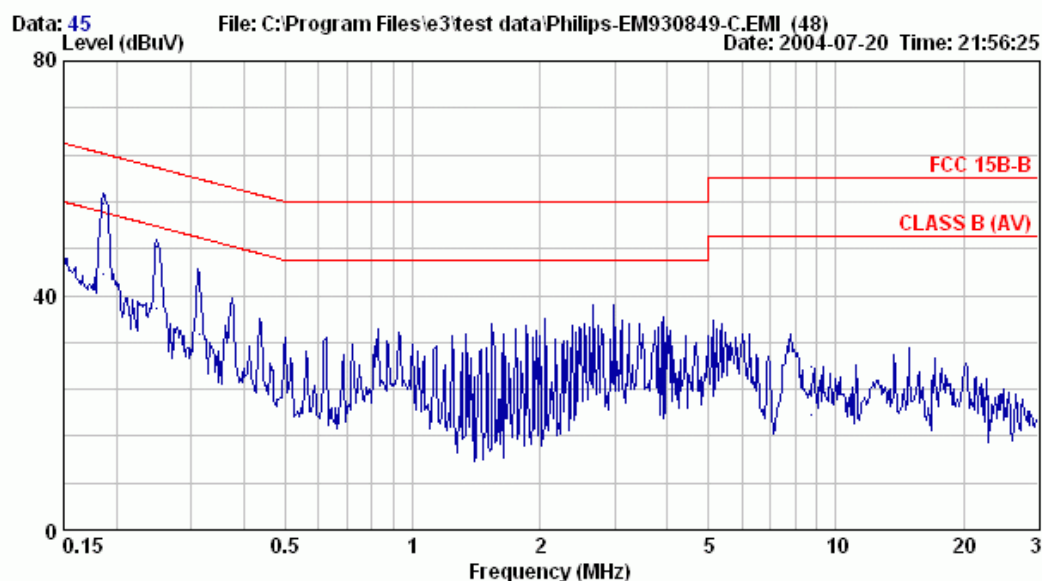
Site : NO.4 Shielded room Data : 46
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz 60KHz
PANEL:LPL

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.187	0.22	0.21	55.16	55.59	64.18	8.58	QP @
2	0.187	0.22	0.21	43.32	43.75	54.18	10.42	AVERAGE
3	0.250	0.17	0.22	47.28	47.67	61.76	14.09	QP
4	0.250	0.17	0.22	36.86	37.25	51.76	14.51	AVERAGE
5	0.311	0.14	0.24	42.59	42.96	59.94	16.98	QP
6	0.311	0.14	0.24	33.67	34.04	49.94	15.90	AVERAGE
7	1.374	0.10	0.43	33.18	33.71	56.00	22.29	QP
8	1.374	0.10	0.43	28.04	28.57	46.00	17.43	AVERAGE
9	2.999	0.10	0.53	40.68	41.31	56.00	14.69	QP
10	2.999	0.10	0.53	32.96	33.59	46.00	12.41	AVERAGE
11	7.999	0.18	0.67	28.65	29.49	60.00	30.51	QP
12	7.999	0.18	0.67	22.95	23.79	50.00	26.21	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



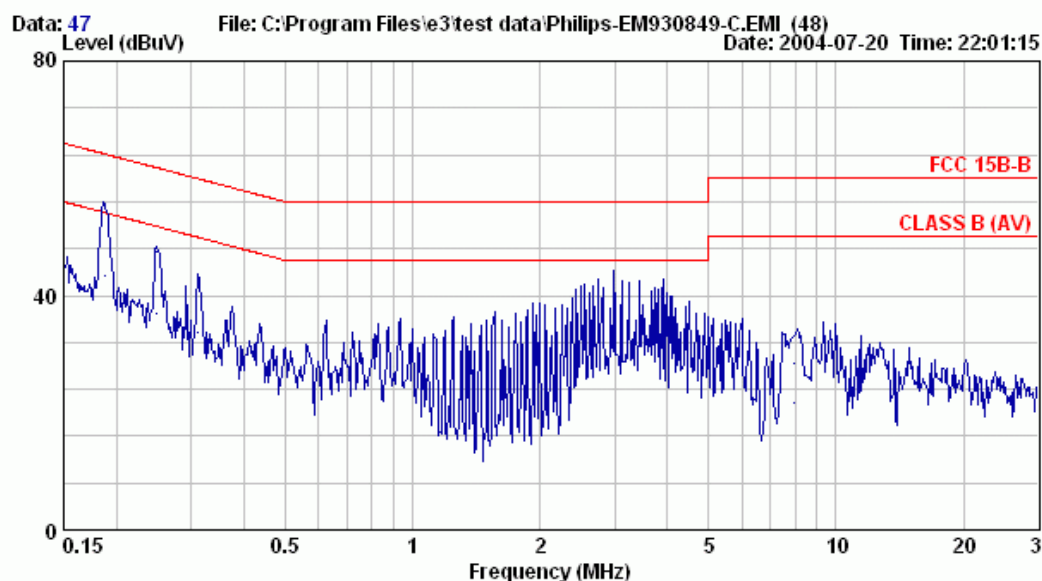
Site : NO.4 Shielded room Data : 45
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz 60KHz
PANEL:LPL

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.185	0.23	0.21	55.34	55.77	64.25	8.48	QP @
2	0.185	0.23	0.21	43.27	43.70	54.25	10.55	AVERAGE
3	0.248	0.17	0.22	47.96	48.35	61.81	13.46	QP
4	0.248	0.17	0.22	37.31	37.70	51.81	14.11	AVERAGE
5	0.313	0.14	0.24	42.61	42.98	59.89	16.91	QP
6	0.313	0.14	0.24	33.16	33.53	49.89	16.36	AVERAGE
7	1.373	0.10	0.42	28.22	28.74	56.00	27.26	QP
8	1.373	0.10	0.42	24.88	25.40	46.00	20.60	AVERAGE
9	2.747	0.10	0.52	33.48	34.10	56.00	21.90	QP
10	2.747	0.10	0.52	27.55	28.17	46.00	17.83	AVERAGE
11	8.742	0.10	0.68	27.09	27.87	60.00	32.13	QP
12	8.742	0.10	0.68	18.75	19.53	50.00	30.47	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Site : NO.4 Shielded room Data : 47
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz
PANEL:LPL

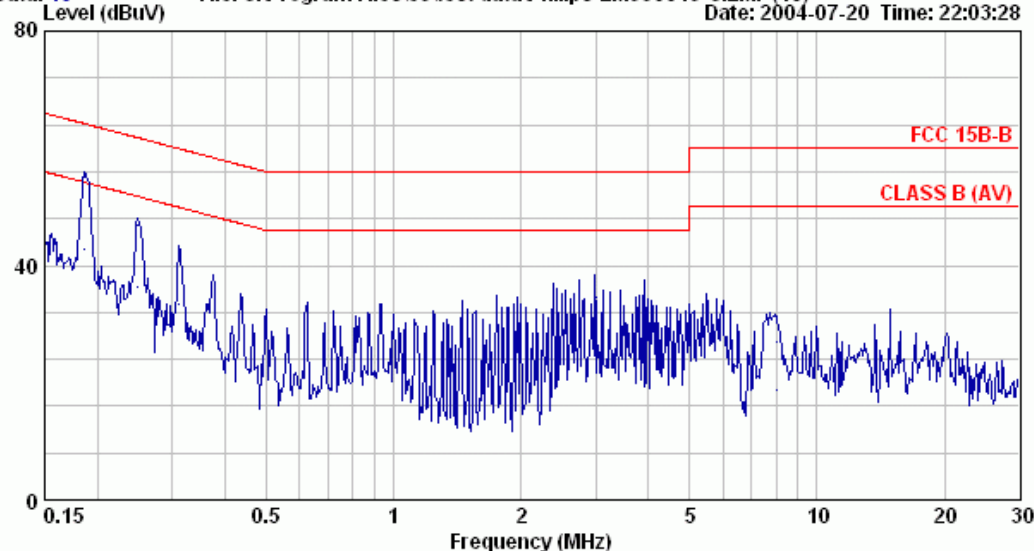
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.187	0.22	0.21	54.66	55.09	64.16	9.07	QP @
2	0.187	0.22	0.21	42.89	43.32	54.16	10.84	AVERAGE
3	0.249	0.17	0.22	46.98	47.37	61.80	14.43	QP
4	0.249	0.17	0.22	36.61	37.00	51.80	14.80	AVERAGE
5	0.311	0.14	0.24	42.17	42.54	59.94	17.40	QP
6	0.311	0.14	0.24	33.37	33.74	49.94	16.20	AVERAGE
7	1.374	0.10	0.43	33.28	33.81	56.00	22.19	QP
8	1.374	0.10	0.43	27.99	28.52	46.00	17.48	AVERAGE
9	3.002	0.10	0.53	39.88	40.51	56.00	15.49	QP
10	3.002	0.10	0.53	31.17	31.80	46.00	14.20	AVERAGE
11	7.995	0.18	0.67	27.58	28.42	60.00	31.58	QP
12	7.995	0.18	0.67	20.84	21.68	50.00	28.32	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 48 File: C:\Program Files\ie3\test data\Philips-EM930849-C.EMI (48) Date: 2004-07-20 Time: 22:03:28



Site : NO.4 Shielded room Data : 48
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz
PANEL:LPL

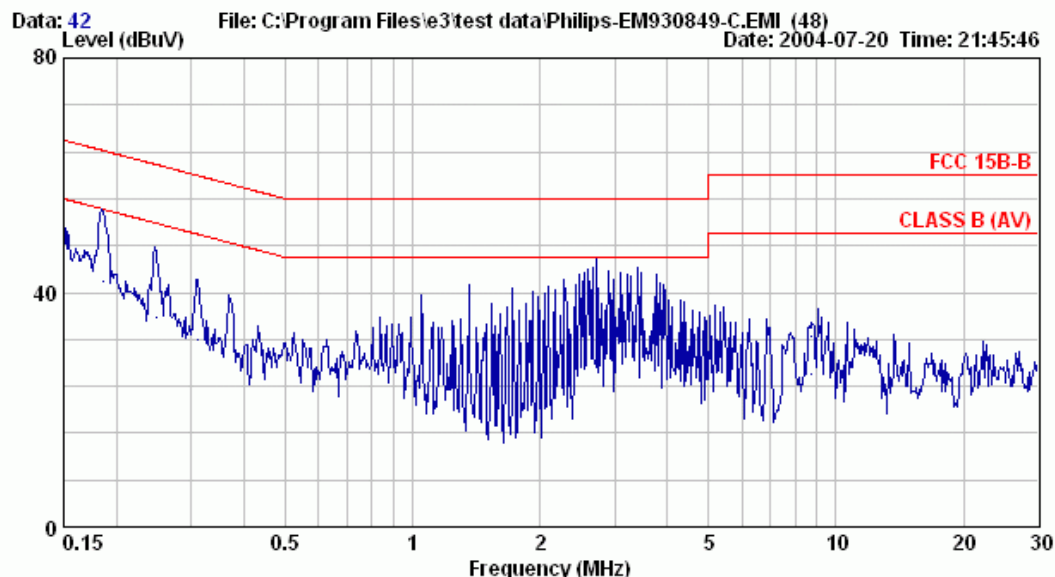
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.186	0.22	0.21	54.62	55.05	64.22	9.16	QP @
2	0.186	0.22	0.21	42.39	42.82	54.22	11.39	AVERAGE
3	0.249	0.17	0.22	46.62	47.01	61.77	14.77	QP
4	0.249	0.17	0.22	36.08	36.47	51.77	15.31	AVERAGE
5	0.312	0.14	0.24	41.93	42.30	59.92	17.62	QP
6	0.312	0.14	0.24	32.91	33.28	49.92	16.64	AVERAGE
7	1.373	0.10	0.42	28.33	28.85	56.00	27.15	QP
8	1.373	0.10	0.42	25.30	25.82	46.00	20.18	AVERAGE
9	3.001	0.10	0.53	33.82	34.45	56.00	21.55	QP
10	3.001	0.10	0.53	25.35	25.98	46.00	20.02	AVERAGE
11	7.996	0.10	0.67	26.29	27.06	60.00	32.94	QP
12	7.996	0.10	0.67	17.89	18.66	50.00	31.34	AVERAGE

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.

《M/N E193FPp, LCD Panel : AUO M/N M190EN04》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



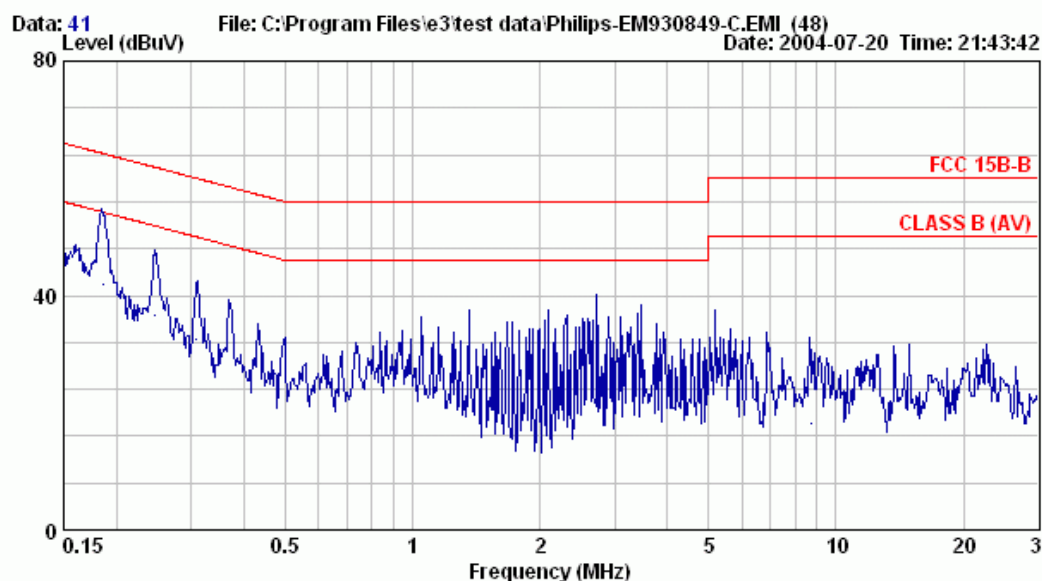
Site : NO.4 Shielded room Data : 42
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz
PANEL:AUO

		LISN	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dB)		
1	0.186	0.22	0.21	52.96	53.39	64.21	10.82	QP
2	0.186	0.22	0.21	41.55	41.98	54.21	12.23	AVERAGE
3	0.249	0.17	0.22	45.68	46.07	61.79	15.72	QP
4	0.249	0.17	0.22	35.28	35.67	51.79	16.12	AVERAGE
5	0.310	0.14	0.24	40.71	41.08	59.96	18.88	QP
6	0.310	0.14	0.24	31.64	32.01	49.96	17.95	AVERAGE
7	1.364	0.10	0.42	37.34	37.86	56.00	18.14	QP
8	1.364	0.10	0.42	32.52	33.04	46.00	12.96	AVERAGE
9	2.725	0.10	0.52	42.03	42.65	56.00	13.35	QP
10	2.725	0.10	0.52	34.58	35.20	46.00	10.80	AVERAGE
11	8.732	0.18	0.68	31.71	32.57	60.00	27.43	QP
12	8.732	0.18	0.68	25.23	26.09	50.00	23.91	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



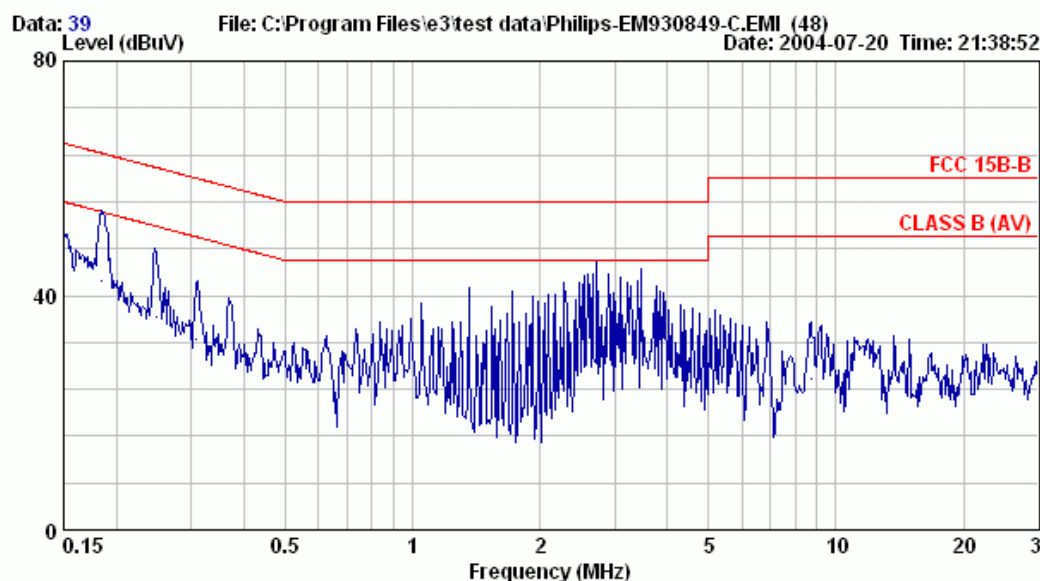
Site : NO.4 Shielded room Data : 41
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz 31KHz
PANEL:AUO

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.186	0.22	0.21	53.16	53.59	64.21	10.62	QP
2	0.186	0.22	0.21	41.46	41.89	54.21	12.32	AVERAGE
3	0.247	0.17	0.22	46.44	46.83	61.86	15.03	QP
4	0.247	0.17	0.22	36.28	36.67	51.86	15.19	AVERAGE
5	0.309	0.14	0.24	41.31	41.68	59.99	18.31	QP
6	0.309	0.14	0.24	32.17	32.54	49.99	17.45	AVERAGE
7	1.363	0.10	0.42	34.63	35.15	56.00	20.85	QP
8	1.363	0.10	0.42	30.90	31.42	46.00	14.58	AVERAGE
9	2.725	0.10	0.52	35.15	35.77	56.00	20.23	QP
10	2.725	0.10	0.52	27.39	28.01	46.00	17.99	AVERAGE
11	8.723	0.10	0.68	25.09	25.87	60.00	34.13	QP
12	8.723	0.10	0.68	17.50	18.28	50.00	31.72	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



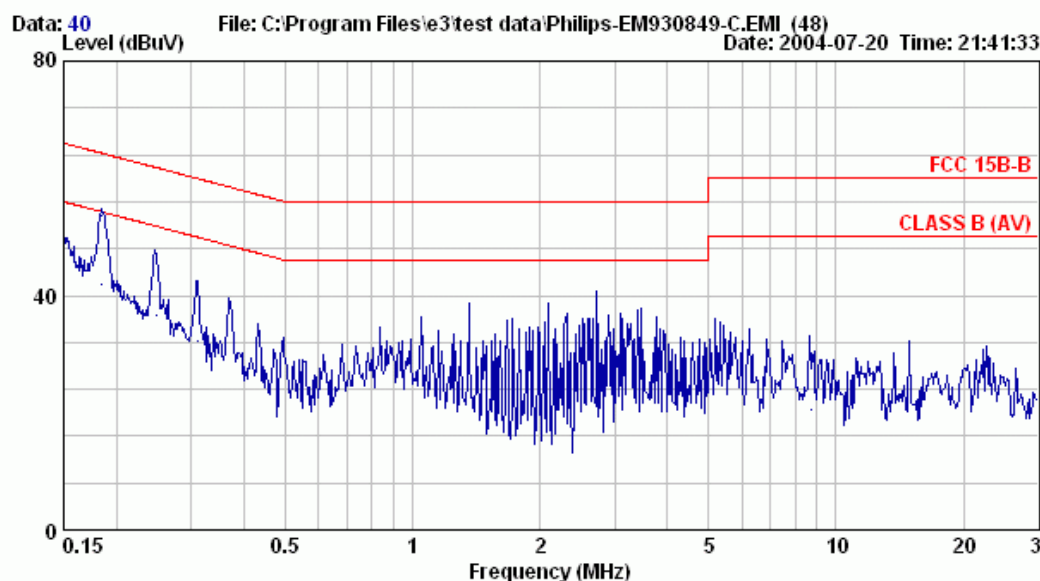
Site : NO.4 Shielded room Data : 39
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz 60KHz
PANEL:AUC

	Freq.	LISN	Cable	Emission				
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dB)	
1	0.185	0.23	0.21	53.51	53.94	64.26	10.31	QP
2	0.185	0.23	0.21	42.16	42.59	54.26	11.66	AVERAGE
3	0.248	0.17	0.22	46.40	46.79	61.83	15.04	QP
4	0.248	0.17	0.22	35.99	36.38	51.83	15.45	AVERAGE
5	0.308	0.14	0.24	41.35	41.72	60.02	18.30	QP
6	0.308	0.14	0.24	32.15	32.52	50.02	17.50	AVERAGE
7	1.363	0.10	0.42	37.62	38.14	56.00	17.86	QP
8	1.363	0.10	0.42	32.73	33.25	46.00	12.75	AVERAGE
9	2.723	0.10	0.51	41.83	42.44	56.00	13.56	QP
10	2.723	0.10	0.51	34.50	35.11	46.00	10.89	AVERAGE
11	8.724	0.18	0.68	31.19	32.05	60.00	27.95	QP
12	8.724	0.18	0.68	25.07	25.93	50.00	24.07	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



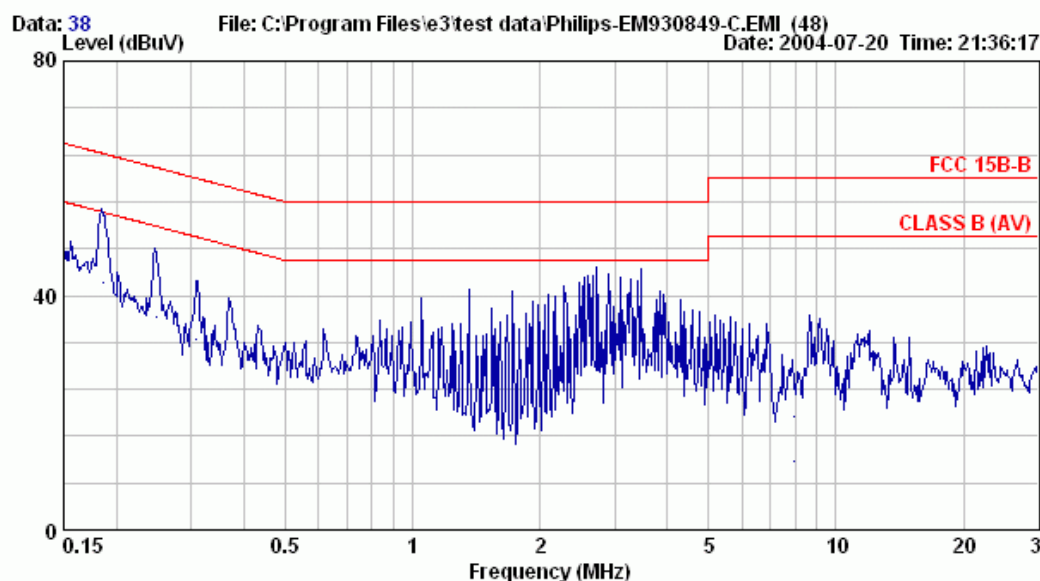
Site : NO.4 Shielded room Data : 40
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz 60KHz
PANEL:AUO

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.184	0.23	0.21	53.26	53.70	64.31	10.61	QP
2	0.184	0.23	0.21	41.61	42.05	54.31	12.26	AVERAGE
3	0.248	0.17	0.22	46.50	46.89	61.84	14.95	QP
4	0.248	0.17	0.22	36.34	36.73	51.84	15.11	AVERAGE
5	0.310	0.14	0.24	41.07	41.44	59.96	18.52	QP
6	0.310	0.14	0.24	31.98	32.35	49.96	17.61	AVERAGE
7	1.362	0.10	0.42	35.21	35.73	56.00	20.27	QP
8	1.362	0.10	0.42	30.92	31.44	46.00	14.56	AVERAGE
9	2.728	0.10	0.52	37.40	38.02	56.00	17.98	QP
10	2.728	0.10	0.52	28.40	29.02	46.00	16.98	AVERAGE
11	8.731	0.10	0.68	26.84	27.62	60.00	32.38	QP
12	8.731	0.10	0.68	19.67	20.45	50.00	29.55	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



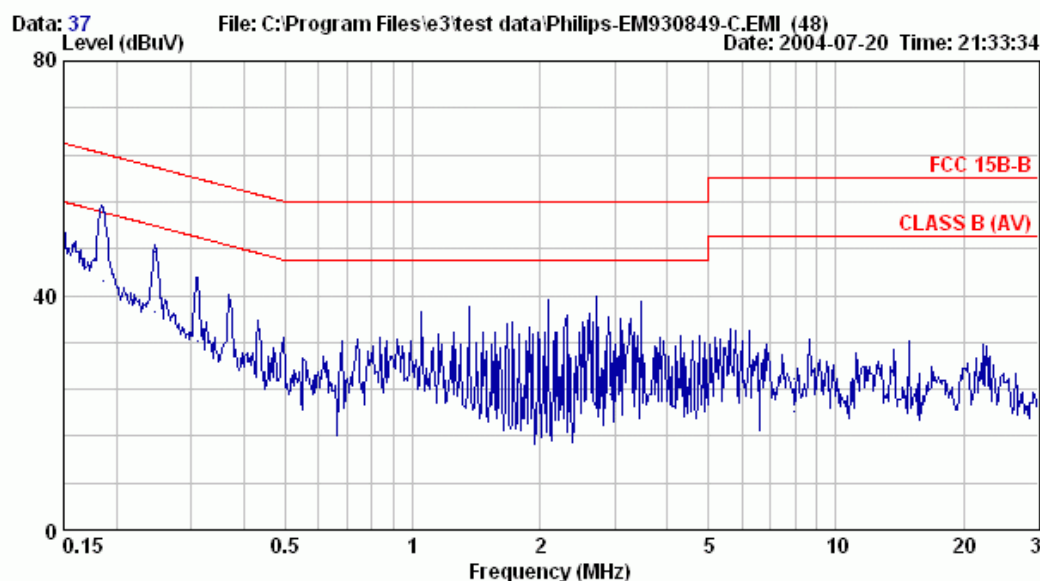
Site : NO.4 Shielded room Data : 38
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz
PANEL:AUC

	Freq.	LISN	Cable	Emission				
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dB)	
1	0.186	0.22	0.21	53.26	53.69	64.20	10.51	QP
2	0.186	0.22	0.21	41.85	42.28	54.20	11.92	AVERAGE
3	0.248	0.17	0.22	46.58	46.97	61.82	14.85	QP
4	0.248	0.17	0.22	36.08	36.47	51.82	15.35	AVERAGE
5	0.309	0.14	0.24	41.43	41.80	59.99	18.19	QP
6	0.309	0.14	0.24	32.24	32.61	49.99	17.38	AVERAGE
7	1.361	0.10	0.42	37.40	37.92	56.00	18.08	QP
8	1.361	0.10	0.42	32.42	32.94	46.00	13.06	AVERAGE
9	2.724	0.10	0.52	41.55	42.17	56.00	13.83	QP
10	2.724	0.10	0.52	33.97	34.59	46.00	11.41	AVERAGE
11	7.995	0.18	0.67	18.64	19.48	60.00	40.52	QP
12	7.995	0.18	0.67	10.79	11.63	50.00	38.37	AVERAGE

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:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Site : NO.4 Shielded room Data : 37
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 26°C/68% ESHS10 Engineer: Alvin_Yang
EUT : Color Monitor M/N:E193FPp
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz
PANEL:AUC

	Freq.	LISN	Cable	Emission				
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dB)	
1	0.186	0.22	0.21	53.77	54.20	64.21	10.01	QP
2	0.186	0.22	0.21	42.15	42.58	54.21	11.63	AVERAGE
3	0.246	0.17	0.22	47.20	47.59	61.88	14.29	QP
4	0.246	0.17	0.22	36.83	37.22	51.88	14.66	AVERAGE
5	0.310	0.14	0.24	41.27	41.64	59.96	18.32	QP
6	0.310	0.14	0.24	31.98	32.35	49.96	17.61	AVERAGE
7	1.050	0.10	0.40	35.50	36.00	56.00	20.00	QP
8	1.050	0.10	0.40	30.87	31.37	46.00	14.63	AVERAGE
9	2.938	0.10	0.53	31.01	31.64	56.00	24.36	QP
10	2.938	0.10	0.53	22.62	23.25	46.00	22.75	AVERAGE
11	7.978	0.10	0.67	25.01	25.78	60.00	34.22	QP
12	7.978	0.10	0.67	19.43	20.20	50.00	29.80	AVERAGE

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 DISTURBANCE MEASUREMENT

3.1. Test Equipment

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

3.1.1. For 30MHz~1000MHz Frequency (at No. 3 Open Test Site)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8590L	3710A01838	N/A	N/A
2.	Test Receiver	Rohde & Schwarz	ESVS10	845165/002	Mar.10, 04'	Mar.09, 05'
3.	Amplifier	HP	8447D	2727A06154	N/A	N/A
4.	Broadband Antenna	Chase	VBA6106A	1231	Mar.22, 04'	Mar.21, 05'
5.	Broadband Antenna	Chase	UPA6109	1027	Mar.22, 04'	Mar.21, 05'

3.1.2. For 30MHz~1000MHz Frequency (at No. 4 Open Test Site)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8590L	3624A01446	N/A	N/A
2.	Test Receiver	Rohde&Schwarz	ESCS30	100337	May 06, 04'	May 05, 05'
3.	Amplifier	HP	8447D	2727A05737	N/A	N/A
4.	Broadband Antenna	Chase	VBA6106A	1263	Nov.24, 03'	Nov.23, 04'
5.	Log Periodic Antenna	Chase	UPA6109	1020	Nov.24, 03'	Nov.23, 04'

3.1.3. For 30MHz~1000MHz Frequency (at Simple Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E7405A	MY42000132	May 28, 04'	May 27, 05'
2.	Pre-Amplifier	HP	8447D	2944A06669	Jul. 30, 03'	Jul. 29, 04'
3.	Broadband Antenna	Chase	VBA6106A	1264	Apr.22, 04'	Apr.21, 05'
4.	Broadband Antenna	Chase	UPA6109	1048	Apr.22, 04'	Apr.21, 05'

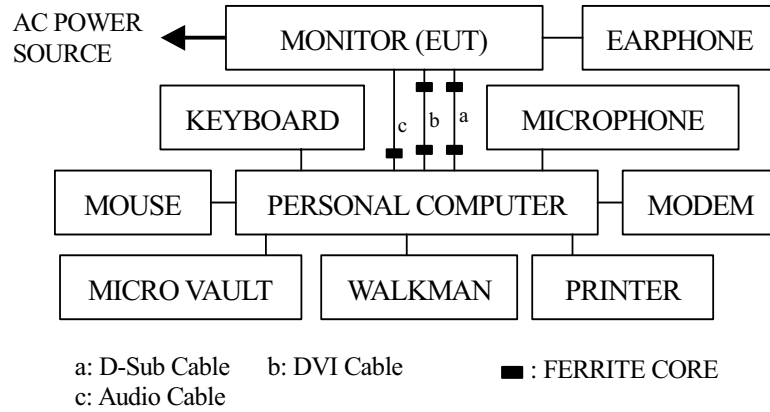
3.1.4. Above 1GHz Frequency (at No. 6 Open Test Site)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Anritsu	MS2601B	MT73069	Aug.29, 03'	Aug.28, 04'
2.	Test Receiver	Rohde & Schwarz	ESCS30	100265	Sep.22, 03'	Sep.21, 04'
3.	Amplifier	HP	8447D	2443A03938	N/A	N/A
4.	Horn Antenna	EMCO	3115	9609-4927	Jul. 06, 04'	Jul. 05, 05'

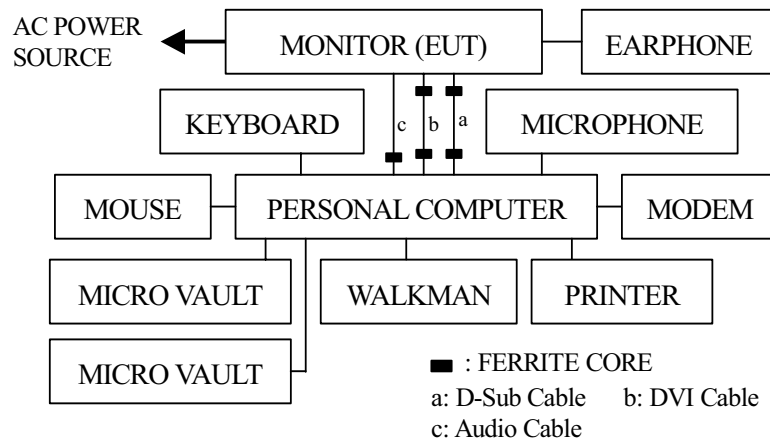
3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators

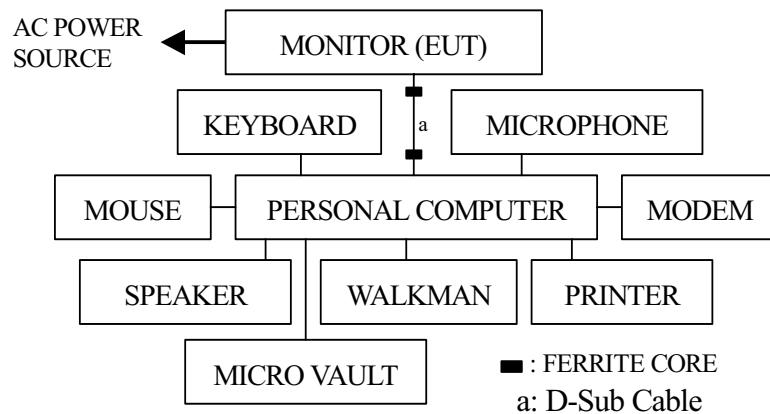
3.2.1.1. M/N 190P5・190X5 (at Sample Anechoic Chamber & No. 3 Open Test Site & No. 6 Open Test Site)



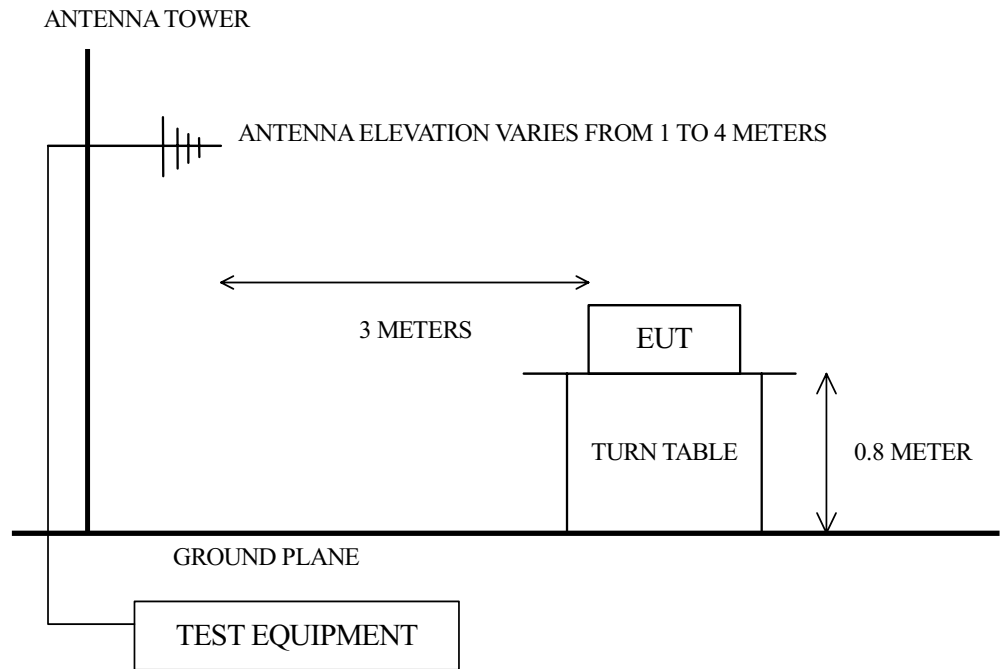
3.2.1.2. M/N 190B5 (at No. 3 Open Test Site & No. 6 Open Test Site)



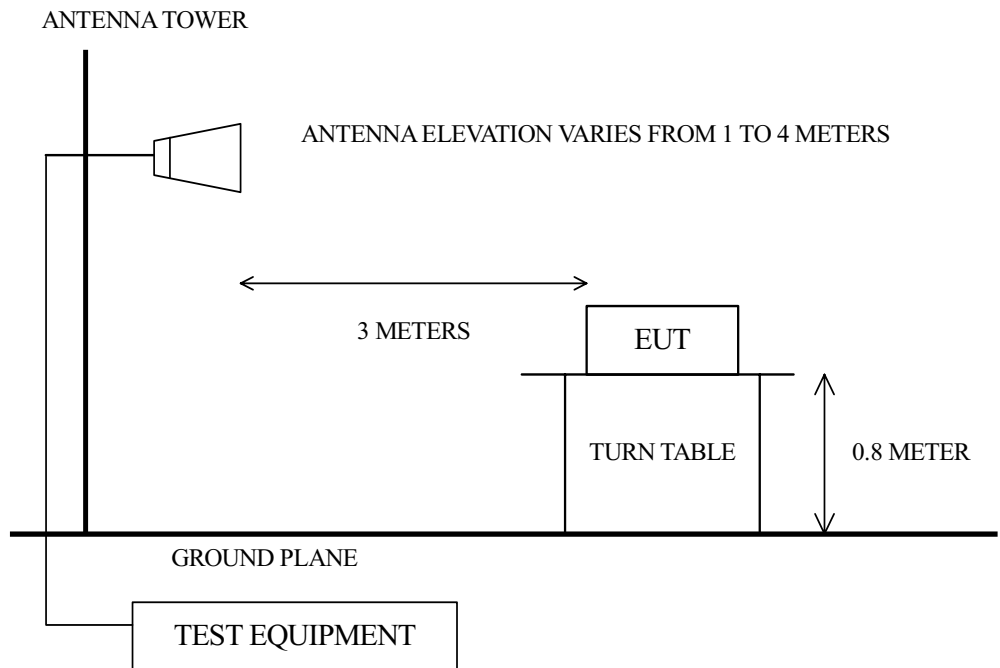
3.2.1.3. M/N E193FPp (at No. 4 Open Test Site & No. 6 Open Test Site)



3.2.2. Simple Anechoic Chamber (3m) for 30-1000MHz &
Open Field Test Site Setup Diagram (10m) for 30-1000MHz



3.2.3. Open Field Test Site Setup Diagram (3m) for above 1GHz



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 (dB μ V/m)
30 ~ 230	10 (3)	30 (40)
230 ~ 1000	10 (3)	37 (47)
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. Therefor, a FCC limit is used based on CFR 47 Part 15.35 (b) and Part 15.109 (g).
 - (4) The 3m limit apply relation: $L2 = L1(d1/d2)$

3.4. EUT's Configuration during Compliance Measurement

The configuration of EUT and its simulators were the same as those used in conducted measurement. Please refer to 2.4.

3.5. Operating Condition of EUT

Same as conducted measurement which was 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 3m or 10m:

The EUT and its simulators were 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 3 or 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) and dipole antenna were used as receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4-2001 on radiated measurement.

The bandwidth of the R&S Test Receiver ESVS10 & ESCS30 was set at 120kHz

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

The EUT and its simulators were 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 3 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. A calibrated Horn Antenna was 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 C63.4-2001 on radiated measurement.

The resolution bandwidth of the R&S Test Receiver ESCS30 was set at 1MHz.

The resolution bandwidth of Spectrum Analyzer MS2601B was set at 1MHz.

3.7. Radiated Emission Measurement Results

PASSED. Please refer to the following pages and Appendix I.
(All emissions not reported below are too low against the prescribed limits.)

3.7.1. For 30~1000MHz frequency range (M/N 190P5 & 190X5)

EUT with following test modes and with AC 120V/60Hz supplying voltage were measured within Semi-Anechoic Chamber and all the scanning wave form were attached within Appendix II.

Test Date : Jul. 22, 2004 Temperature : 25°C Humidity : 61%
Test Date : Jul. 23, 2004 Temperature : 26°C Humidity : 58%

The details of test modes are as follows :

Mode	Model No. (S/N)	LCD Panel	Panel's Angle	Data Cable	Frequency / Resolution.
1.	190P5 (TY0404132)	Fujitsu, M/N LC48SXC8V-11A	0 °	D-Sub	640*480/60Hz, 31kHz
2.					1024*768/75Hz, 60kHz
3.					1280*1024/75Hz, 80kHz
4.				DVI	640*480/60Hz, 31kHz
5.					1024*768/75Hz, 60kHz
※ 6.					1280*1024/75Hz, 80kHz
※ 7.			Rotate 90 °	DVI	1024*1280/60Hz, 80kHz
8.	190X5 (TY0404438)	LG Philips, M/N LM190E03	0 °	D-Sub	640*480/60Hz, 31kHz
9.					1024*768/75Hz, 60kHz
10.					1280*1024/75Hz, 80kHz
11.				DVI	640*480/60Hz, 31kHz
12.					1024*768/75Hz, 60kHz
※ 13.					1280*1024/75Hz, 80kHz

Remark : “※” mode for maximum detected emission

Finally, re-measured the following test mode (6, 7, 13) at Open Field Test Site and the test results are listed in following pages.

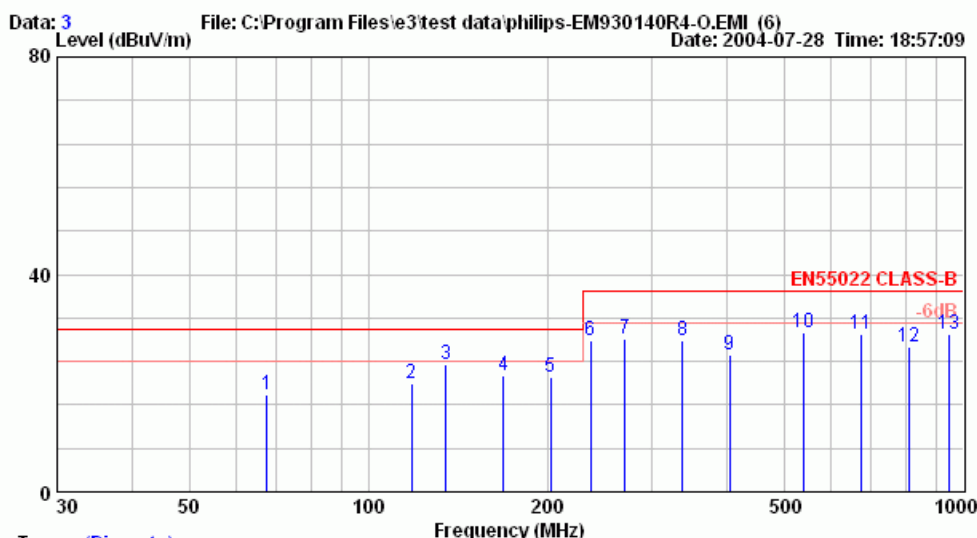
Test Date : Jul. 28, 2004 Temperature : 28°C Humidity : 53%

Mode	Model No. (S/N)	LCD Panel	Panel's Angle	Data Cable	Frequency / Resolution.	Reference Test Data #	
						Horizontal	Vertical
6.	190P5	Fujitsu, M/N	0 °	DVI	1280*1024/75Hz, 80kHz	# 3	# 4
7.	(TY0404132)	LC48SXC8V-11A	Rotate 90 °	DVI	1024*1280/60Hz, 80kHz	# 6	# 5
13.	190X5 (TY0404438)	LG Philips, M/N LM190E03	0 °	DVI	1280*1024/75Hz, 80kHz	# 2	# 1

《M/N 190P5, LCD Panel: Fujitsu M/N FLC48SXC8V-11A》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



Trace: (Discrete)

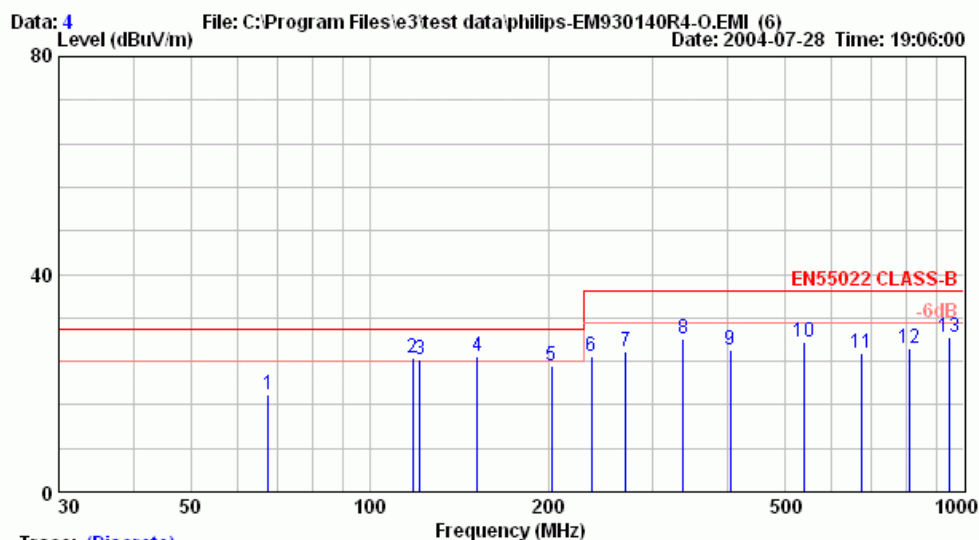
Site no. : Open site No.3 Data no. : 3
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 28°C/53% ESVS10 Engineer : Alvin_Yang
EUT : Color Monitor M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)

		Ant.	Cable		Emission			
Freq.		Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	67.563	12.04	1.60	4.27	17.91	30.00	12.09	
2	118.163	18.84	2.00	-1.02	19.82	30.00	10.18	
3	135.036	19.84	2.20	1.39	23.43	30.00	6.57	*
4	168.786	20.66	2.60	-1.85	21.42	30.00	8.58	
5	202.525	20.64	2.80	-2.37	21.07	30.00	8.93	
6	236.286	21.89	3.20	2.81	27.90	37.00	9.10	
7	270.036	23.18	3.40	1.42	28.00	37.00	9.00	
8	337.511	14.60	3.80	9.36	27.77	37.00	9.23	
9	405.011	16.40	4.20	4.72	25.32	37.00	11.68	
10	540.011	19.28	5.20	4.79	29.27	37.00	7.73	
11	675.011	21.25	5.60	2.03	28.88	37.00	8.12	
12	810.011	22.72	6.40	-2.52	26.60	37.00	10.40	
13	945.011	24.48	7.20	-2.76	28.92	37.00	8.08	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.
4. The worst emission was detected at 135.036MHz with corrected signal level of 23.43dBuV/m (limit was 30dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 90°.
5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@itemc.com.tw



Site no. : Open site No.3 Data no. : 4
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 28°C/53% ESV810 Engineer : Alvin_Yang
EUT : Color Monitor M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)

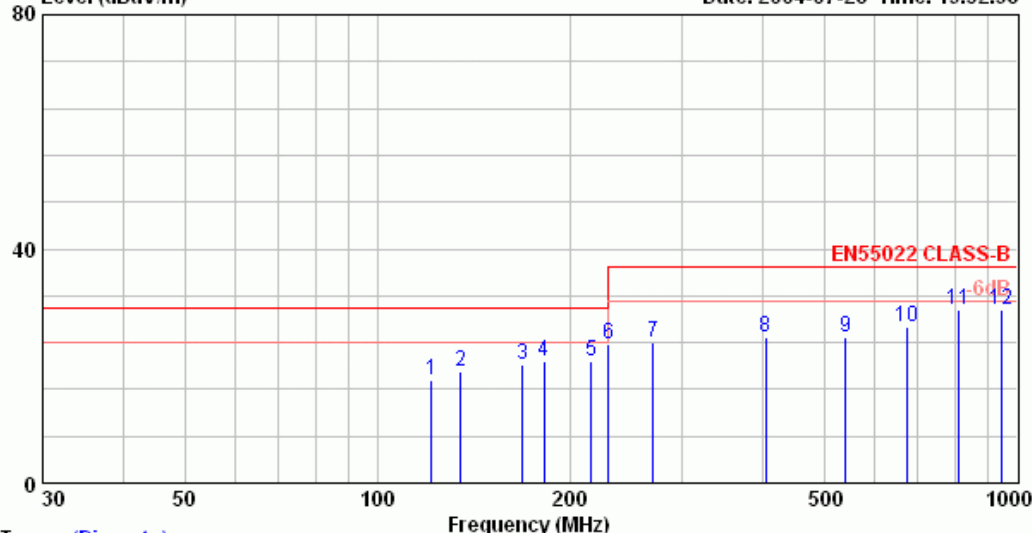
	Freq.	Ant. Factor	Cable Loss	Emission Reading	Emission Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)	
1	67.536	13.11	1.60	3.13	17.84	30.00	12.16	
2	118.161	19.66	2.00	3.02	24.68	30.00	5.32	
3	121.693	19.43	2.20	2.56	24.18	30.00	5.82	
4	151.911	20.90	2.40	1.68	24.98	30.00	5.02	*
5	202.536	21.64	2.80	-1.28	23.16	30.00	6.84	
6	236.286	20.19	3.20	1.51	24.90	37.00	12.10	
7	270.005	23.00	3.40	-0.68	25.72	37.00	11.28	
8	337.511	14.85	3.80	9.51	28.17	37.00	8.83	
9	405.011	16.82	4.20	5.00	26.02	37.00	10.98	
10	540.013	18.96	5.20	3.31	27.47	37.00	9.53	
11	675.011	21.34	5.60	-1.56	25.38	37.00	11.62	
12	810.012	22.61	6.40	-2.71	26.30	37.00	10.70	
13	945.011	24.68	7.20	-3.36	28.52	37.00	8.48	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.
4. The worst emission was detected at 135.036MHz with corrected signal level of 23.43dBμV/m (limit was 30dBμV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 90°.
5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 6 File: C:\Program Files\ie3\test data\philips-EM930140R4-O.EMI (6) Date: 2004-07-28 Time: 19:52:38



Trace: (Discrete)

Site no. : Open site No.3 Data no. : 6
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 28°C/53% ESVS10 Engineer : Alvin_Yang
EUT : Color Monitor M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*1280/60Hz (DVI+Rotate)

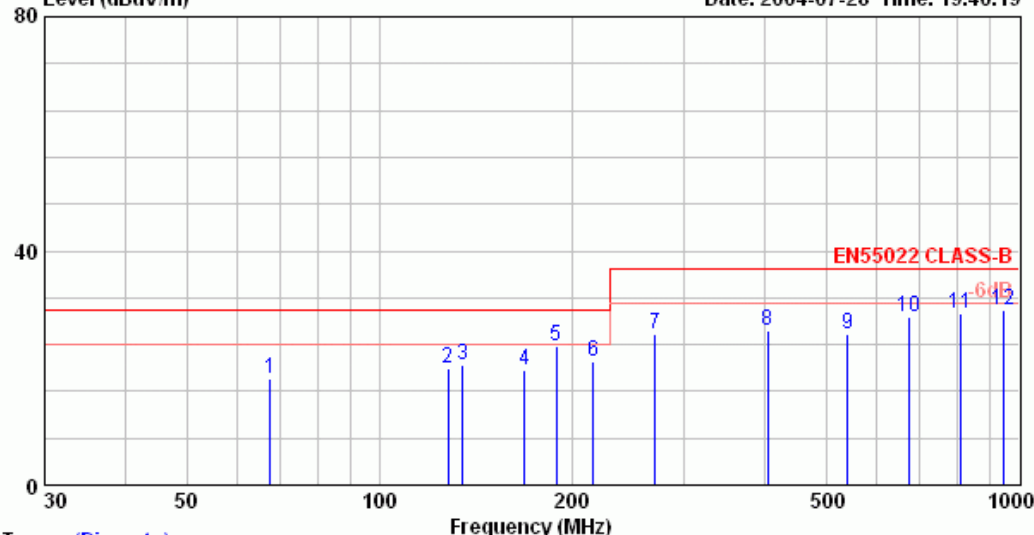
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	121.505	18.72	2.20	-3.28	17.64	30.00	12.36	
2	135.007	19.84	2.20	-2.93	19.11	30.00	10.89	
3	168.762	20.66	2.60	-3.10	20.16	30.00	9.84	
4	182.264	20.92	2.60	-2.67	20.85	30.00	9.15	
5	216.019	21.21	3.00	-3.35	20.86	30.00	9.14	
6	229.521	21.72	3.00	-0.92	23.80	30.00	6.20	
7	270.006	23.18	3.40	-2.52	24.06	37.00	12.94	
8	405.007	16.40	4.20	4.45	25.05	37.00	11.95	
9	540.006	19.28	5.20	0.38	24.86	37.00	12.14	
10	675.003	21.25	5.60	-0.32	26.53	37.00	10.47	
11	810.008	22.72	6.40	0.40	29.52	37.00	7.48	
12	945.008	24.48	7.20	-1.98	29.70	37.00	7.30	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 5 File: C:\Program Files\ie3\test data\philips-EM930140R4-O.EMI (6) Date: 2004-07-28 Time: 19:40:19



Trace: (Discrete)

Site no. : Open site No.3 Data no. : 5
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 28°C/53% ESVS10 Engineer : Alvin_Yang
EUT : Color Monitor M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*1280/60Hz (DVI+Rotate)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	67.502	13.11	1.60	3.34	18.05	30.00	11.95	
2	128.252	18.51	2.40	-0.89	20.02	30.00	9.98	
3	135.002	19.22	2.20	-0.90	20.52	30.00	9.48	
4	168.755	20.12	2.60	-3.19	19.53	30.00	10.47	
5	189.005	21.59	2.80	-0.72	23.67	30.00	6.33	
6	216.005	21.05	3.00	-3.06	20.99	30.00	9.01	
7	270.004	23.00	3.40	-0.58	25.82	37.00	11.18	
8	405.011	16.82	4.20	5.39	26.41	37.00	10.59	
9	540.009	18.96	5.20	1.51	25.67	37.00	11.33	
10	675.010	21.34	5.60	1.64	28.58	37.00	8.42	
11	810.010	22.61	6.40	0.37	29.38	37.00	7.62	
12	945.010	24.68	7.20	-1.93	29.95	37.00	7.05	

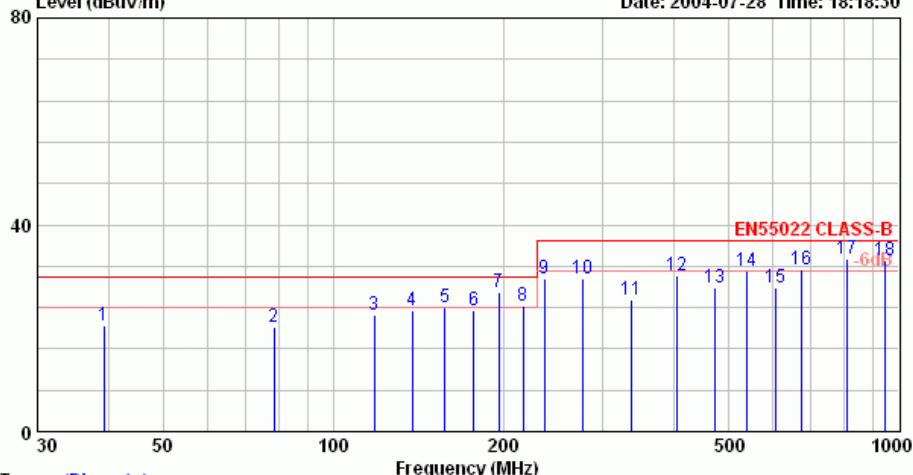
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.

《M/N 190X5, LCD Panel: LG Philips M/N LM190E03》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 2 File: C:\Program Files\ie3\test data\philips-EM930140R4-O.EMI (6) Date: 2004-07-28 Time: 18:18:30
Level (dBuV/m)



Trace: (Discrete)
Site no. : Open site No.3 Data no. : 2
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 28°C/53% ESVS10 Engineer : Alvin_Yang
EUT : Color Monitor M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz(DVI)

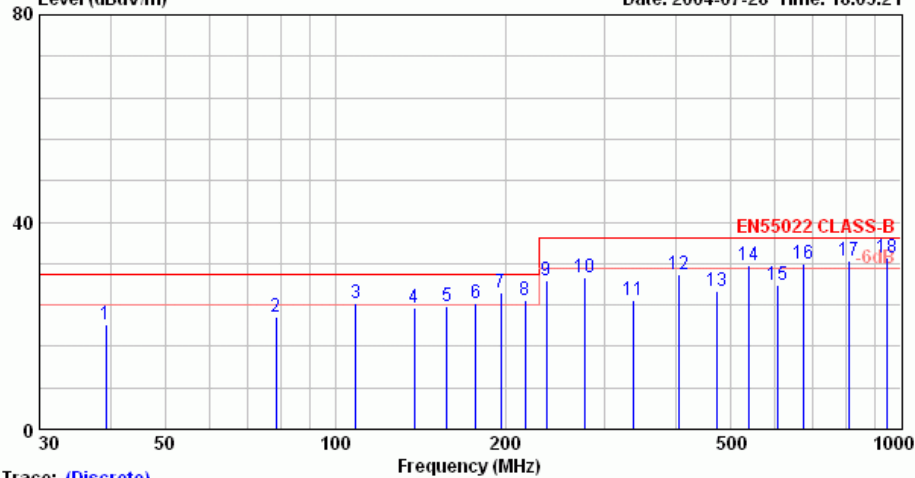
	Ant.	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	39.312	18.09	1.20	1.27	20.56	30.00	9.44
2	78.710	13.21	1.80	5.19	20.20	30.00	9.80
3	118.114	18.84	2.00	1.75	22.59	30.00	7.41
4	137.811	19.89	2.40	1.22	23.51	30.00	6.49
5	157.515	20.14	2.40	1.41	23.95	30.00	6.05
6	177.212	20.66	2.60	0.14	23.40	30.00	6.60
7	196.599	20.73	2.90	3.19	26.82	30.00	3.18 *
8	216.617	21.21	3.00	0.06	24.27	30.00	5.73
9	236.315	21.89	3.20	4.44	29.53	37.00	7.47
10	275.720	23.61	3.40	2.63	29.64	37.00	7.36
11	337.508	14.60	3.80	7.22	25.62	37.00	11.38
12	405.009	16.40	4.20	9.56	30.16	37.00	6.84
13	472.509	17.72	4.80	5.27	27.79	37.00	9.21
14	540.009	19.28	5.20	6.54	31.02	37.00	5.98
15	607.509	20.20	5.50	2.19	27.89	37.00	9.11
16	675.009	21.25	5.60	4.48	31.33	37.00	5.67
17	810.010	22.72	6.40	4.30	33.42	37.00	3.58
18	945.010	24.48	7.20	1.45	33.13	37.00	3.87

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.
4. The worst emission was detected at 196.599MHz with corrected signal level of 26.82dBuV/m (limit was 30dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 45°.
5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@temc.com.tw

Data: 1 File: C:\Program Files\ie3\test data\philips-EM930140R4-O.EMI (6) Date: 2004-07-28 Time: 18:05:21
Level (dBuV/m)



Trace: (Discrete)
Site no. : Open site No.3 Data no. : 1
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 28°C/53% ESV810 Engineer : Alvin_Yang
EUT : Color Monitor M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz(DVI)

	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	39.308	19.74	1.20	-0.70	20.24	30.00	9.76	
2	78.706	13.63	1.80	6.26	21.69	30.00	8.31	
3	108.624	16.85	2.00	5.34	24.19	30.00	5.81	
4	137.810	19.00	2.40	2.09	23.49	30.00	6.51	
5	157.509	19.63	2.40	1.82	23.85	30.00	6.15	
6	177.211	20.46	2.60	1.14	24.20	30.00	5.80	
7	196.598	21.54	2.90	1.94	26.38	30.00	3.62	*
8	216.616	21.05	3.00	0.99	25.04	30.00	4.96	
9	236.315	20.19	3.20	5.46	28.85	37.00	8.15	
10	275.719	23.46	3.40	2.54	29.40	37.00	7.60	
11	337.508	14.85	3.80	6.39	25.04	37.00	11.96	
12	405.009	16.82	4.20	8.88	29.90	37.00	7.10	
13	472.509	18.46	4.80	3.42	26.68	37.00	10.32	
14	540.007	18.96	5.20	7.54	31.70	37.00	5.30	
15	607.509	20.25	5.50	2.20	27.95	37.00	9.05	
16	675.009	21.34	5.60	4.97	31.91	37.00	5.09	
17	810.010	22.61	6.40	3.60	32.61	37.00	4.39	
18	945.010	24.68	7.20	1.23	33.11	37.00	3.89	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.
4. The worst emission was detected at 196.598MHz with corrected signal level of 26.38dBuV/m (limit was 30dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 135°.
5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

3.7.2. For 30~1000MHz frequency range (M/N 190B5 & E193FPp)

EUT with following test modes and with AC 120V/60Hz supplying voltage were performed during radiated testing and all the test results are listed in following pages.

Test Date : Jun. 08, 2004 Temperature : 24℃ Humidity : 70%
 Test Date : Jul. 20, 2004 Temperature : 27℃ Humidity : 30%

The details of test modes are as follows :

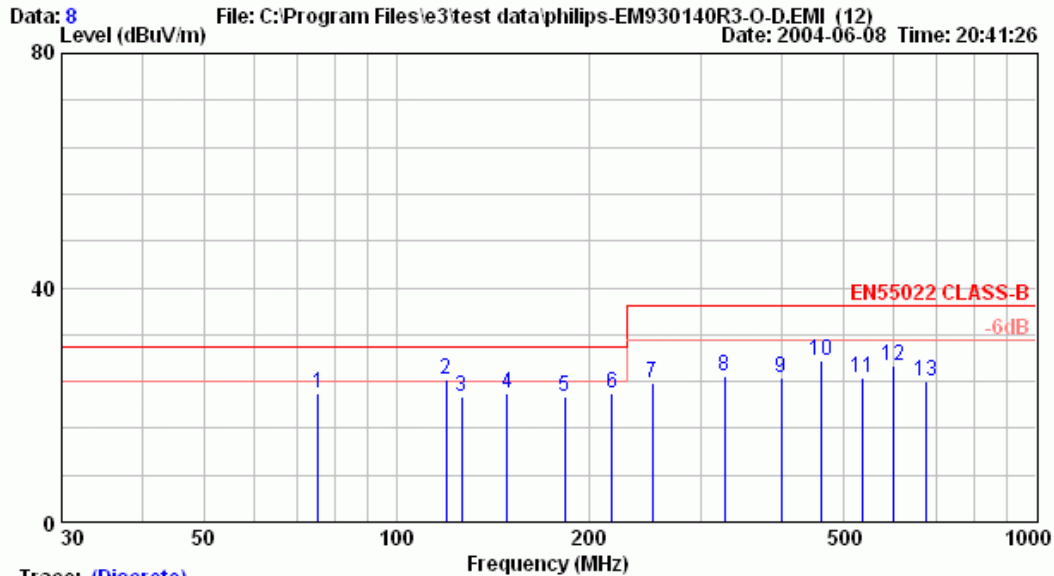
Mode	Model No. (S/N)	LCD Panel	Panel's Angle	Data Cable	Frequency / Resolution.	Reference Test Data #	
						Horizontal	Vertical
14.	190B5 (TY0404193)	AUO, M/N M190EN02	0 °	D-Sub	640*480/60Hz, 31kHz	# 8	# 7
15.					1024*768/75Hz, 60kHz	# 10	# 9
16.					1280*1024/75Hz, 80kHz	# 12	# 11
17.				DVI	640*480/60Hz, 31kHz	# 6	# 5
18.					1024*768/75Hz, 60kHz	# 1	# 2
※ 19.					1280*1024/75Hz, 80kHz	# 4	# 3
20.	E193FPp (TY0404384)	LG Philips, M/N LM190E03	0 °	D-Sub	640*480/60Hz, 31kHz	# 6	# 5
※ 21.					1024*768/75Hz, 60kHz	# 4	# 3
22.					1280*1024/75Hz, 80kHz	# 1	# 2
23.	E193FPp (TY0404386)	AUO, M/N M190EN04	0 °	D-Sub	640*480/60Hz, 31kHz	# 6	# 5
24.					1024*768/75Hz, 60kHz	# 4	# 3
25.					1280*1024/75Hz, 80kHz	# 2	# 1

Remark : 1. “※” mode for maximum detected emission
 2. Mode 14 ~ 19: at No. 3 Open Field Test Site
 3. Mode 20 ~ 25: at No. 4 Open Field Test Site

《M/N 190B5, LCD Panel: AUO M/N M190EN02》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 8
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
D-SUB,
(4193:AUO)

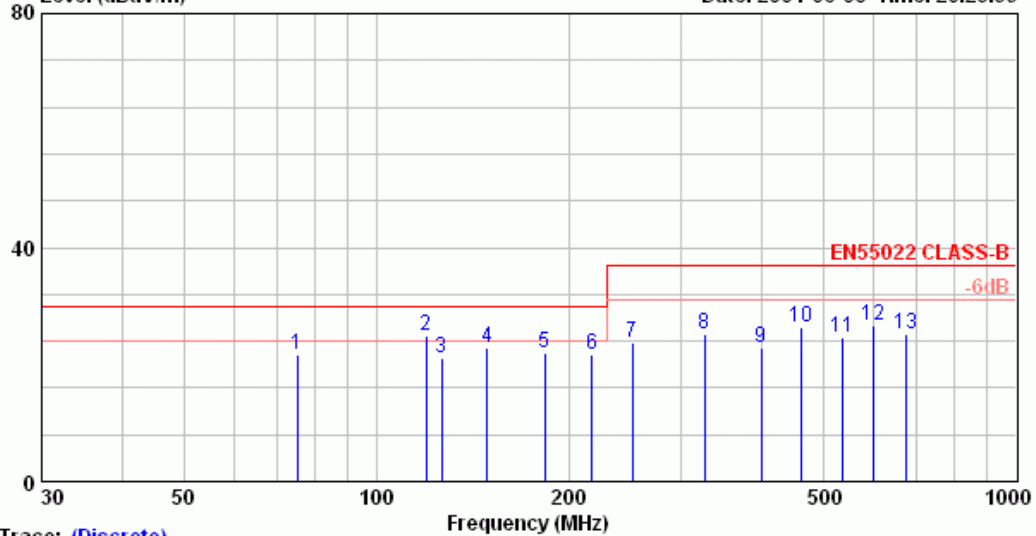
		Ant.	Cable		Emission			
Freq.		Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	75.437	13.22	1.60	7.17	21.99	30.00	8.01	
2	119.613	18.67	2.20	3.40	24.27	30.00	5.73	
3	126.535	19.37	2.20	-0.09	21.48	30.00	8.52	
4	149.267	19.83	2.40	-0.35	21.88	30.00	8.12	
5	183.379	20.86	2.60	-1.93	21.53	30.00	8.47	
6	217.493	21.43	3.00	-2.36	22.07	30.00	7.93	
7	251.643	22.47	3.20	-1.80	23.87	37.00	13.13	
8	325.561	14.46	3.80	6.78	25.04	37.00	11.96	
9	399.510	16.40	4.20	3.93	24.53	37.00	12.47	
10	462.068	17.32	4.80	5.44	27.56	37.00	9.44	
11	536.035	19.24	5.10	0.14	24.48	37.00	12.52	
12	598.588	20.44	5.40	0.91	26.75	37.00	10.26	
13	672.490	20.89	5.80	-2.60	24.09	37.00	12.91	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 7 File: C:\Program Files\etest\data\philips-EM930140R3-O-D.EMI (12)
Level (dBuV/m) Date: 2004-06-08 Time: 20:23:39



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 7
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
D-SUB,
(4193:AUX)

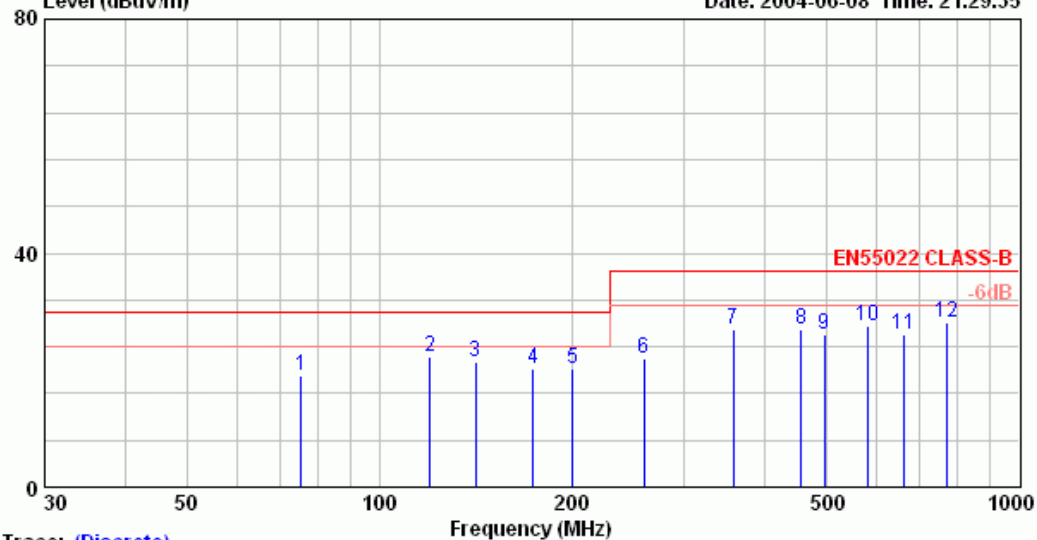
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	75.323	13.63	1.60	6.31	21.54	30.00	8.46	
2	119.664	19.32	2.20	3.38	24.90	30.00	5.10	
3	126.508	19.03	2.20	-0.15	21.08	30.00	8.92	
4	149.257	20.63	2.40	-0.27	22.76	30.00	7.24	
5	183.382	21.29	2.60	-1.99	21.90	30.00	8.10	
6	217.506	21.06	3.00	-2.42	21.64	30.00	8.36	
7	251.631	22.16	3.20	-1.76	23.60	37.00	13.40	
8	325.567	14.71	3.80	6.74	25.25	37.00	11.75	
9	399.503	16.80	4.20	1.87	22.87	37.00	14.13	
10	462.064	18.17	4.80	3.36	26.33	37.00	10.67	
11	536.001	19.32	5.10	0.12	24.54	37.00	12.46	
12	598.562	20.43	5.40	0.93	26.76	37.00	10.24	
13	672.498	20.93	5.80	-1.52	25.21	37.00	11.79	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 10 File: C:\Program Files\ie3\test data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 21:29:35
Level (dBuV/m)



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 10
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
D-SUB,
(4193:AUX)

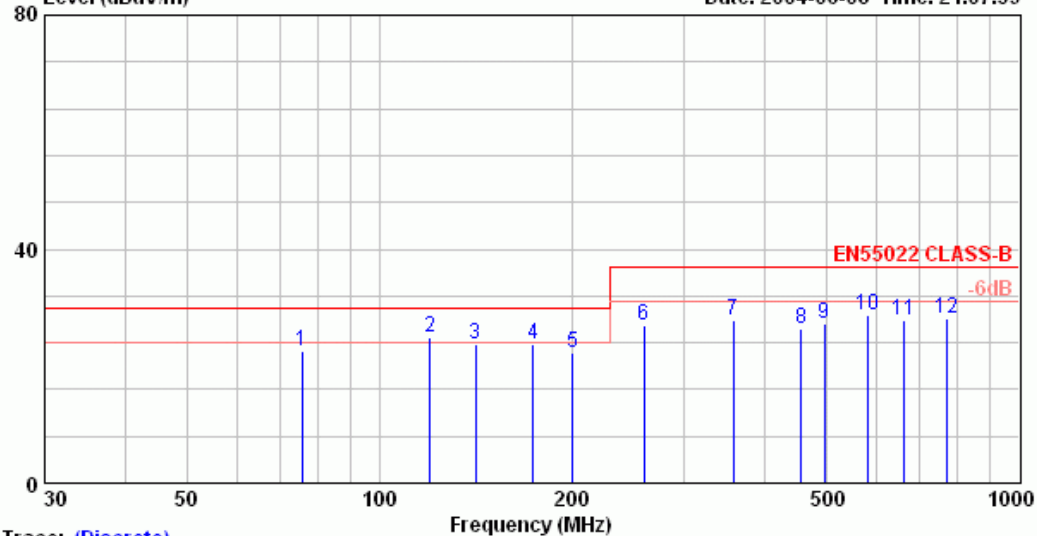
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	75.593	13.22	1.60	4.23	19.05	30.00	10.95	
2	119.949	18.82	2.20	1.36	22.38	30.00	7.62	
3	141.323	19.94	2.40	-1.02	21.32	30.00	8.68	
4	174.133	20.83	2.60	-3.12	20.31	30.00	9.69	
5	200.386	20.57	2.80	-3.23	20.14	30.00	9.86	
6	259.539	22.65	3.40	-4.01	22.04	37.00	14.96	
7	358.075	15.12	4.00	7.97	27.09	37.00	9.91	
8	456.651	16.87	4.60	5.36	26.83	37.00	10.17	
9	496.043	18.00	4.80	3.27	26.07	37.00	10.93	
10	581.475	20.17	5.20	2.16	27.53	37.00	9.47	
11	660.273	20.62	5.60	-0.12	26.10	37.00	10.90	
12	771.984	22.19	6.20	-0.21	28.18	37.00	8.82	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 9 File: C:\Program Files\ie3\test data\philips-EM930140R3-O-D.EMI (12)
Level (dBuV/m) Date: 2004-06-08 Time: 21:07:59



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 9
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
D-SUB,
(4193:AUO)

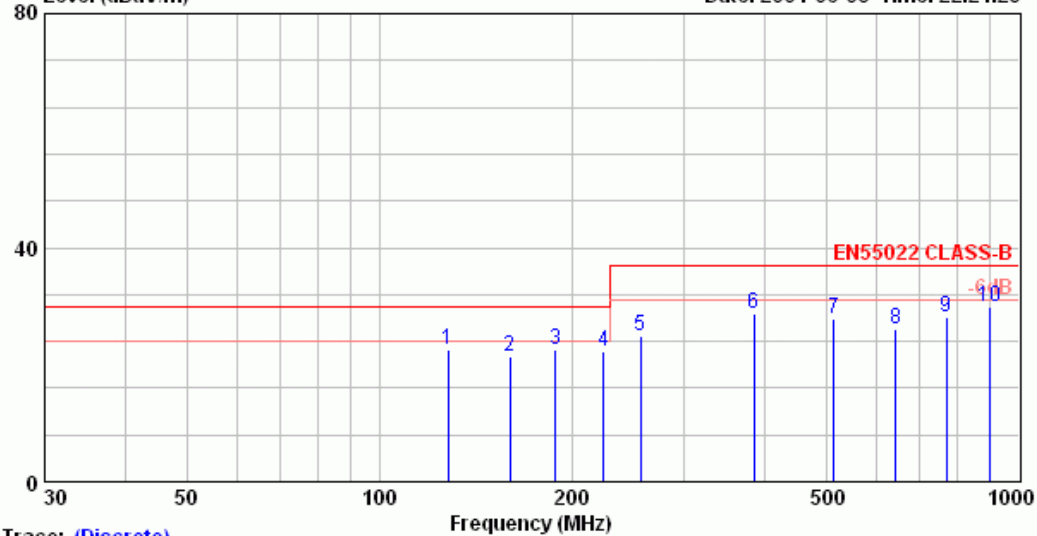
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	75.631	13.63	1.60	7.31	22.54	30.00	7.46	
2	119.911	19.27	2.20	3.42	24.89	30.00	5.11	
3	141.319	19.30	2.40	2.08	23.78	30.00	6.22	
4	174.168	20.32	2.60	0.82	23.74	30.00	6.26	
5	200.446	21.71	2.80	-2.21	22.30	30.00	7.70	
6	259.574	22.60	3.40	0.99	26.99	37.00	10.01	
7	358.119	15.79	4.00	7.99	27.78	37.00	9.22	
8	456.665	17.50	4.60	4.42	26.52	37.00	10.48	
9	496.083	18.30	4.80	4.23	27.33	37.00	9.67	
10	581.489	20.24	5.20	3.14	28.58	37.00	8.42	
11	660.325	20.74	5.60	1.64	27.98	37.00	9.02	
12	772.010	22.14	6.20	-0.23	28.11	37.00	8.89	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@ttemc.com.tw

Data: 12 File: C:\Program Files\etest\data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 22:21:25
Level (dBuV/m)



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 12
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz
D-SUB
(4193:AUX)

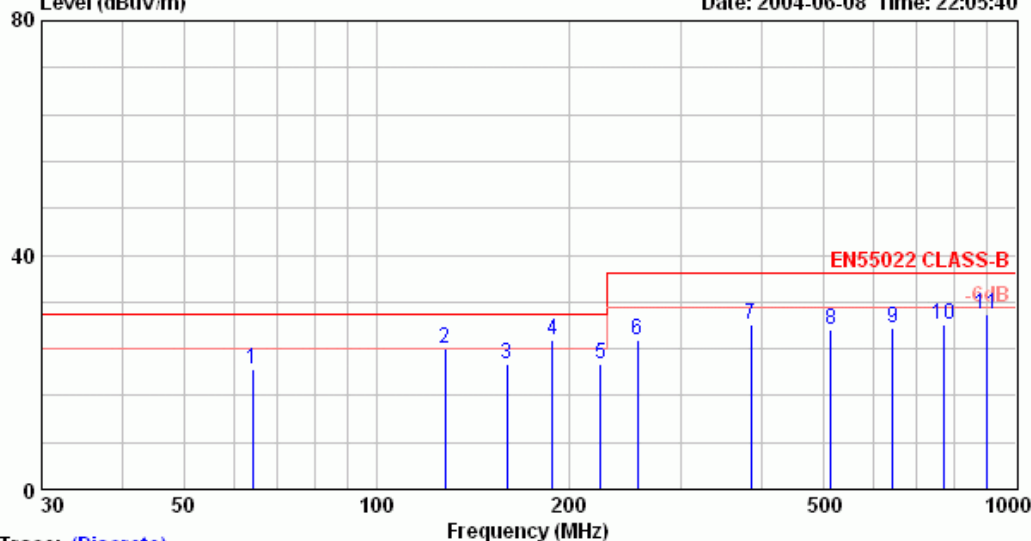
	Freq.	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	128.217	19.39	2.40	0.91	22.70	30.00	7.30	
2	160.301	20.56	2.40	-1.55	21.41	30.00	8.59	
3	188.325	20.70	2.80	-1.08	22.42	30.00	7.58	
4	224.403	21.60	3.00	-2.32	22.28	30.00	7.72	
5	256.435	22.58	3.20	-0.85	24.93	37.00	12.07	
6	384.627	15.85	4.10	8.66	28.61	37.00	8.39	
7	512.900	18.65	4.80	4.26	27.71	37.00	9.29	
8	641.132	20.40	5.60	0.10	26.10	37.00	10.90	
9	769.344	22.38	6.20	-0.48	28.10	37.00	8.90	
10	897.576	23.79	7.00	-0.77	30.02	37.00	6.98	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 11 File: C:\Program Files\test data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 22:05:40
Level (dBuV/m)



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 11
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz,
D-SUB
(4193:AUX)

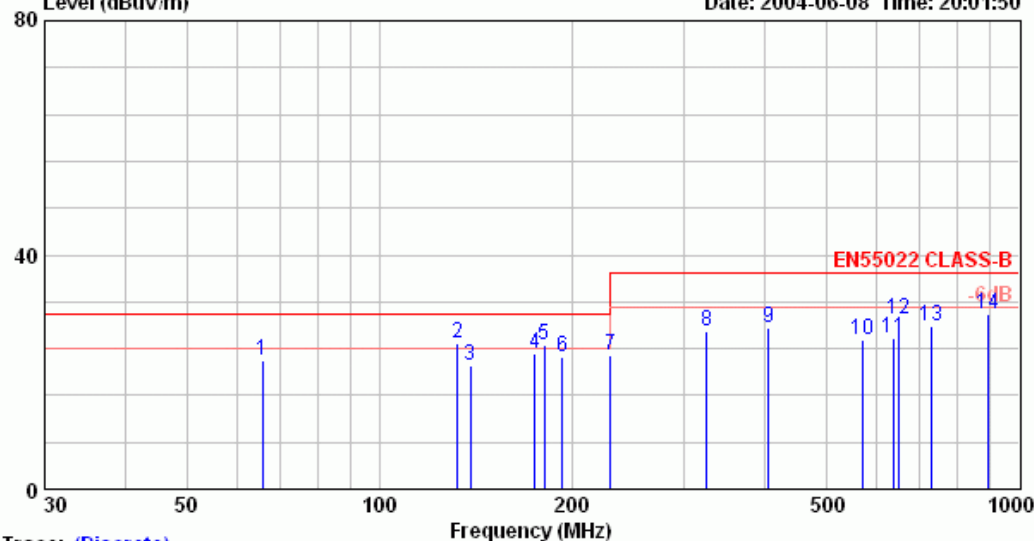
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	64.115	13.13	1.60	5.76	20.49	30.00	9.51
2	128.230	18.51	2.40	3.05	23.96	30.00	6.04
3	160.288	19.81	2.40	-0.77	21.44	30.00	8.56
4	188.350	21.51	2.80	1.28	25.59	30.00	4.41
5	224.403	20.36	3.00	-2.10	21.26	30.00	8.74
6	256.460	22.84	3.20	-0.69	25.35	37.00	11.65
7	384.652	16.50	4.10	7.62	28.22	37.00	8.78
8	512.887	19.08	4.80	3.30	27.18	37.00	9.82
9	641.119	20.04	5.60	2.02	27.66	37.00	9.34
10	769.362	22.23	6.20	-0.34	28.09	37.00	8.91
11	897.594	23.59	7.00	-0.69	29.90	37.00	7.10

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@ttemc.com.tw

Data: 6 File: C:\Program Files\test data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 20:01:50
Level (dBuV/m)



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 6
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
DVI,
(4193:AUO)

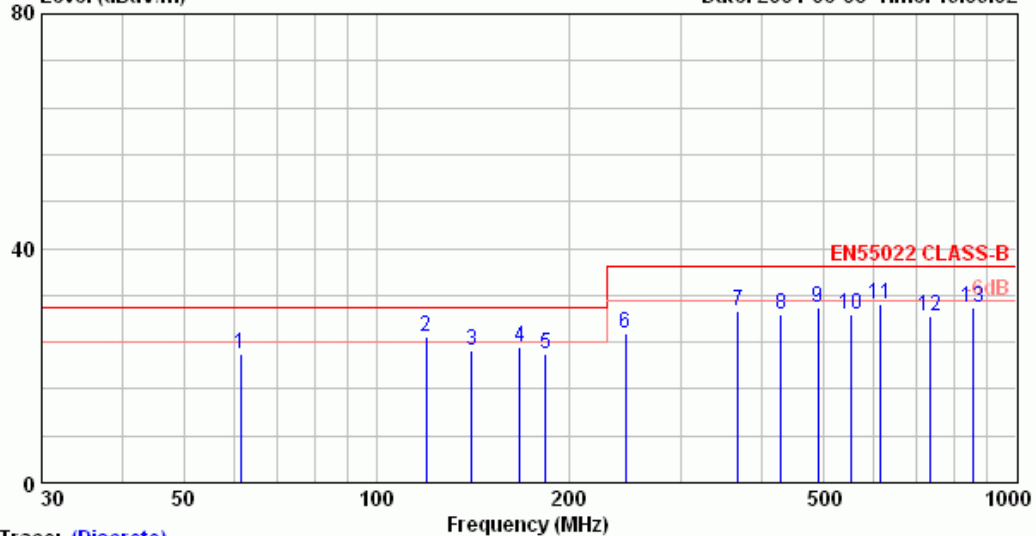
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	65.729	12.07	1.60	8.34	22.01	30.00	7.99
2	132.526	19.64	2.20	2.99	24.83	30.00	5.17
3	138.639	19.73	2.40	-1.12	21.01	30.00	8.99
4	175.092	20.76	2.60	-0.20	23.16	30.00	6.84
5	181.169	20.89	2.60	1.07	24.56	30.00	5.44
6	193.296	20.83	2.80	-1.06	22.57	30.00	7.43
7	229.801	21.72	3.00	-1.90	22.82	30.00	7.18
8	324.891	14.45	3.80	8.79	27.04	37.00	9.96
9	406.156	16.35	4.20	6.88	27.43	37.00	9.57
10	568.591	20.06	5.30	0.15	25.51	37.00	11.49
11	634.795	20.26	5.60	-0.03	25.83	37.00	11.17
12	649.824	20.35	5.60	3.01	28.96	37.00	8.04
13	731.068	21.09	6.00	0.82	27.91	37.00	9.09
14	894.288	23.62	6.80	-0.62	29.80	37.00	7.20

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 5 File: C:\Program Files\test data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 19:09:02
Level (dBuV/m)



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 5
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
DVI,
(4193:AUO)

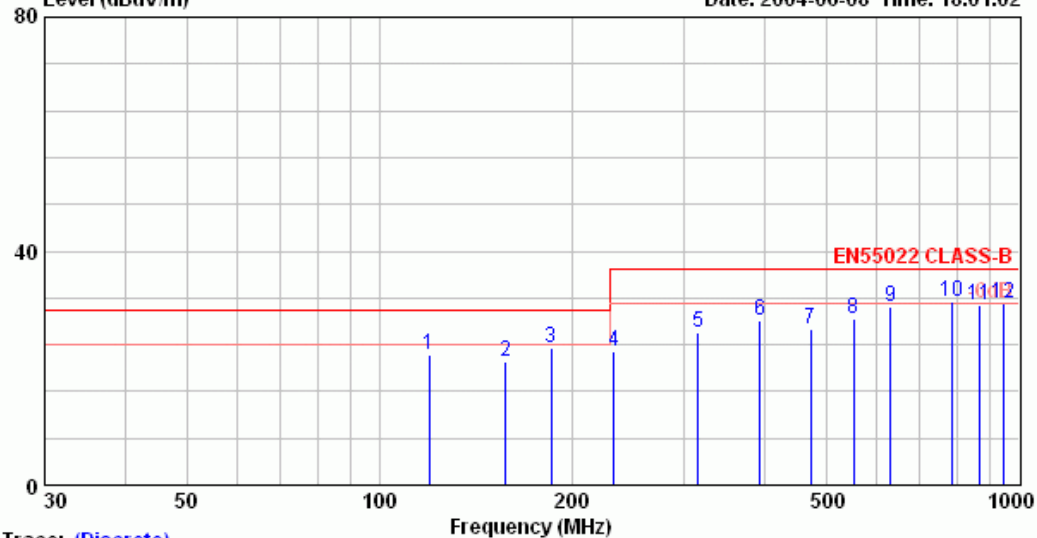
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	61.307	13.21	1.40	7.23	21.84	30.00	8.16	
2	119.536	19.32	2.20	3.42	24.94	30.00	5.06	
3	140.870	19.17	2.40	0.86	22.43	30.00	7.57	
4	167.573	19.43	2.20	1.41	23.04	30.00	6.96	
5	183.839	21.24	2.60	-1.99	21.85	30.00	8.15	
6	245.105	21.11	3.10	1.26	25.47	37.00	11.53	
7	367.582	15.68	4.00	9.77	29.45	37.00	7.55	
8	428.873	16.81	4.40	7.54	28.75	37.00	8.25	
9	490.141	18.24	4.80	6.76	29.80	37.00	7.20	
10	551.410	19.47	5.20	3.96	28.63	37.00	8.37	
11	612.701	20.33	5.60	4.65	30.58	37.00	6.42	
12	735.231	21.54	6.00	0.88	28.42	37.00	8.58	
13	857.765	23.75	6.60	-0.54	29.81	37.00	7.19	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 1 File: C:\Program Files\ie3\test data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 18:01:02
Level (dBuV/m)



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 1
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
DVI
(4193:AUX)

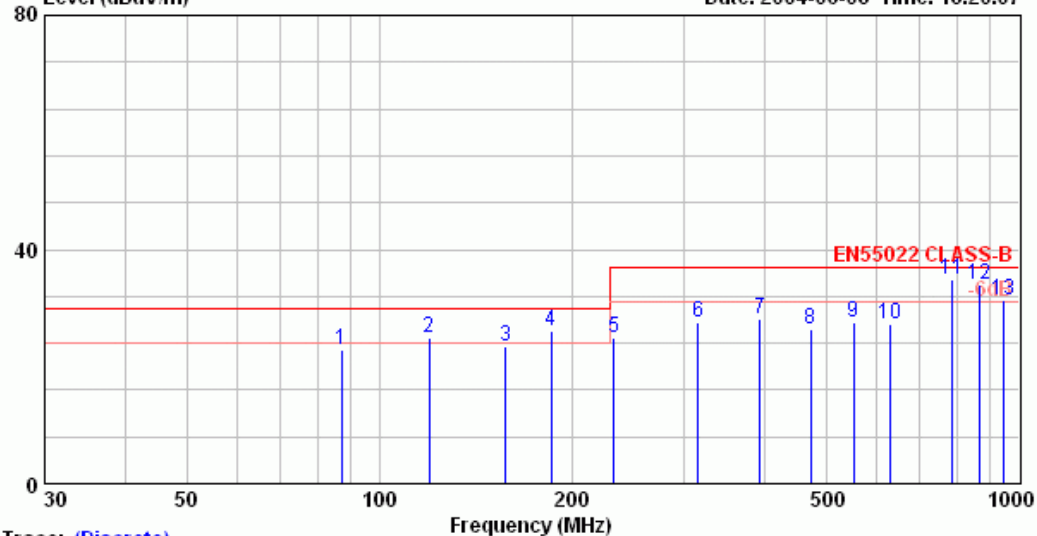
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	119.644	18.67	2.20	1.45	22.32	30.00	7.68	
2	157.522	20.14	2.40	-1.43	21.11	30.00	8.89	
3	185.626	20.80	2.60	0.06	23.46	30.00	6.54	
4	232.782	22.01	3.00	-2.02	22.99	37.00	14.01	
5	315.003	13.83	3.70	8.58	26.11	37.00	10.89	
6	393.754	16.36	4.20	7.68	28.24	37.00	8.76	
7	472.506	17.72	4.80	4.08	26.60	37.00	10.40	
8	551.257	19.36	5.20	3.92	28.48	37.00	8.52	
9	630.009	20.24	5.60	4.78	30.62	37.00	6.38	
10	787.512	22.51	6.40	2.42	31.33	37.00	5.67	
11	866.263	24.23	6.60	-0.08	30.75	37.00	6.25	
12	945.015	24.48	7.20	-0.61	31.07	37.00	5.93	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 2 File: C:\Program Files\ie3\test data\philips-EM930140R3-O-D.EMI (12)
Level (dBuV/m) Date: 2004-06-08 Time: 18:20:07



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 2
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
DVI
(4193:AUO)

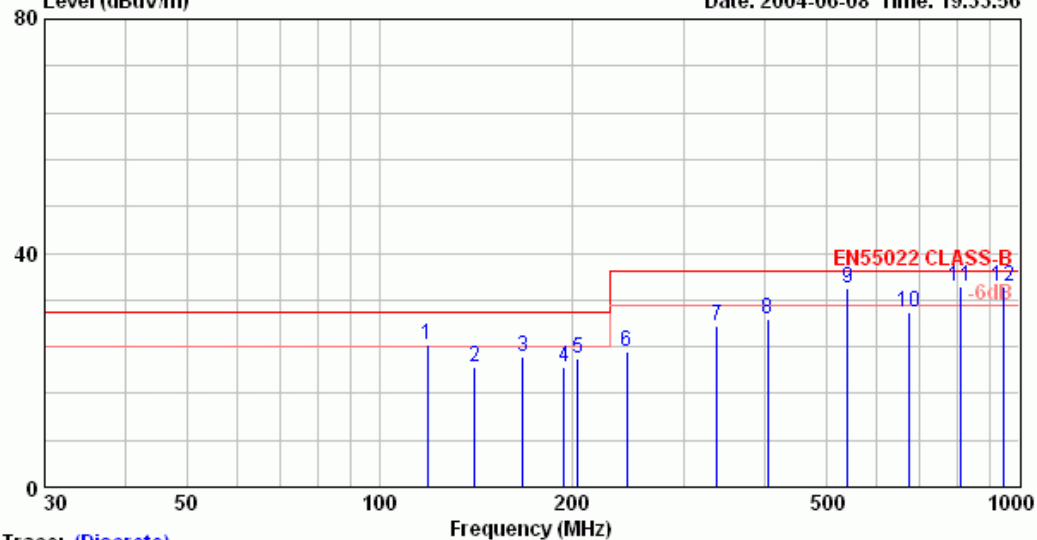
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	87.371	15.75	1.80	5.20	22.75	30.00	7.25	
2	119.626	19.32	2.20	3.43	24.95	30.00	5.05	
3	157.496	19.63	2.40	1.49	23.52	30.00	6.48	
4	185.600	21.23	2.60	2.18	26.01	30.00	3.99	
5	232.800	20.11	3.00	1.72	24.83	37.00	12.17	
6	315.003	14.02	3.70	9.72	27.44	37.00	9.56	
7	393.758	16.89	4.20	7.08	28.17	37.00	8.83	
8	472.506	18.46	4.80	3.16	26.42	37.00	10.58	
9	551.257	19.36	5.20	2.88	27.44	37.00	9.56	
10	630.009	20.00	5.60	1.78	27.38	37.00	9.62	
11	787.512	22.46	6.40	5.95	34.81	37.00	2.19	
12	866.263	24.01	6.60	3.29	33.90	37.00	3.10	
13	945.015	24.68	7.20	-0.57	31.31	37.00	5.69	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 4 File: C:\Program Files\ie3\test data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 19:33:56



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 4
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz
DVI
(4193:AUX)

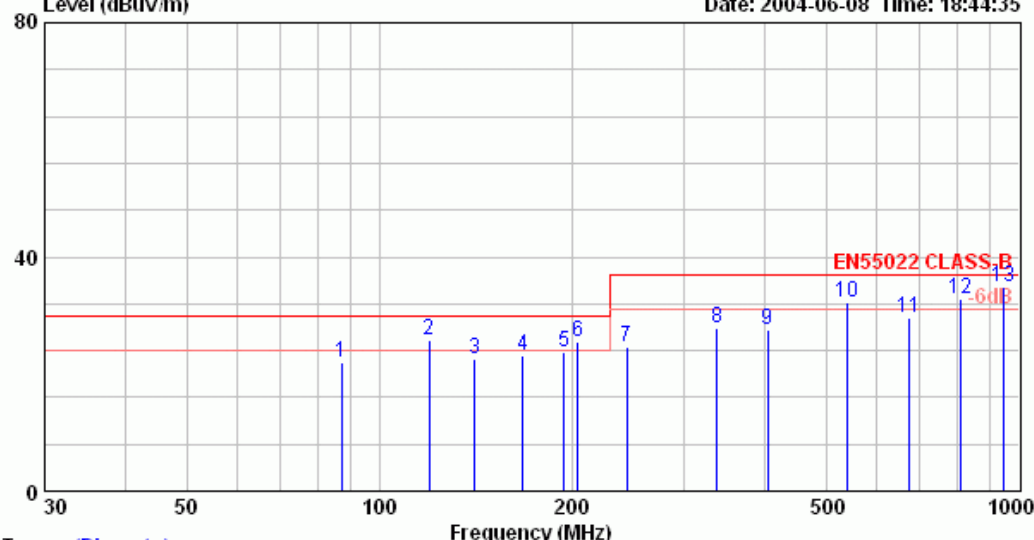
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	118.812	18.67	2.20	3.58	24.45	30.00	5.55	
2	140.857	19.74	2.40	-1.74	20.40	30.00	9.60	
3	167.590	20.52	2.60	-0.85	22.27	30.00	7.73	
4	194.357	20.63	2.70	-2.92	20.41	30.00	9.59	
5	204.229	20.59	2.80	-1.31	22.08	30.00	7.92	
6	243.419	22.02	3.20	-2.15	23.07	37.00	13.93	
7	337.532	14.60	3.80	9.07	27.47	37.00	9.53	
8	405.000	16.40	4.20	8.01	28.61	37.00	8.39	
9	540.000	19.28	5.20	9.62	34.10	37.00	2.90	
10	675.010	21.25	5.60	3.16	30.01	37.00	6.99	
11	810.012	22.72	6.40	5.12	34.24	37.00	2.76	
12	945.011	24.48	7.20	2.75	34.43	37.00	2.57	*

- Remarks:
1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.
 3. All reading are Quasi-Peak values.
 4. The worst emission was detected at 945.011MHz with corrected signal level of 34.43dBμV/m (limit was 37dBμV/m) when the antenna was at horizontal polarization and was at 1m high and the turn table was at 135°.
 5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@ttemc.com.tw

Data: 3 File: C:\Program Files\etest\data\philips-EM930140R3-O-D.EMI (12) Date: 2004-06-08 Time: 18:44:35
Level (dBuV/m)



Trace: (Discrete)

Site no. : NO.3 OPEN SITE Data no. : 3
Dis. / Ant. : 10m 6106A/6109(0104) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 24°C/70% ESVS10 Engineer : JACK LU
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz
DVI
(4193:AUO)

	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	87.345	15.75	1.80	4.37	21.92	30.00	8.08	
2	119.600	19.32	2.20	4.22	25.74	30.00	4.26	
3	140.844	19.17	2.40	0.98	22.55	30.00	7.45	
4	167.603	19.90	2.60	0.77	23.27	30.00	6.73	
5	194.370	22.00	2.70	-1.08	23.62	30.00	6.38	
6	204.216	21.57	2.80	1.12	25.49	30.00	4.51	
7	243.393	20.99	3.20	0.37	24.56	37.00	12.44	
8	337.519	14.85	3.80	9.17	27.82	37.00	9.18	
9	405.008	16.82	4.20	6.47	27.49	37.00	9.51	
10	540.011	18.96	5.20	8.15	32.31	37.00	4.69	
11	675.011	21.34	5.60	2.66	29.60	37.00	7.40	
12	810.013	22.61	6.40	3.95	32.96	37.00	4.04	
13	945.015	24.68	7.20	3.06	34.94	37.00	2.06	*

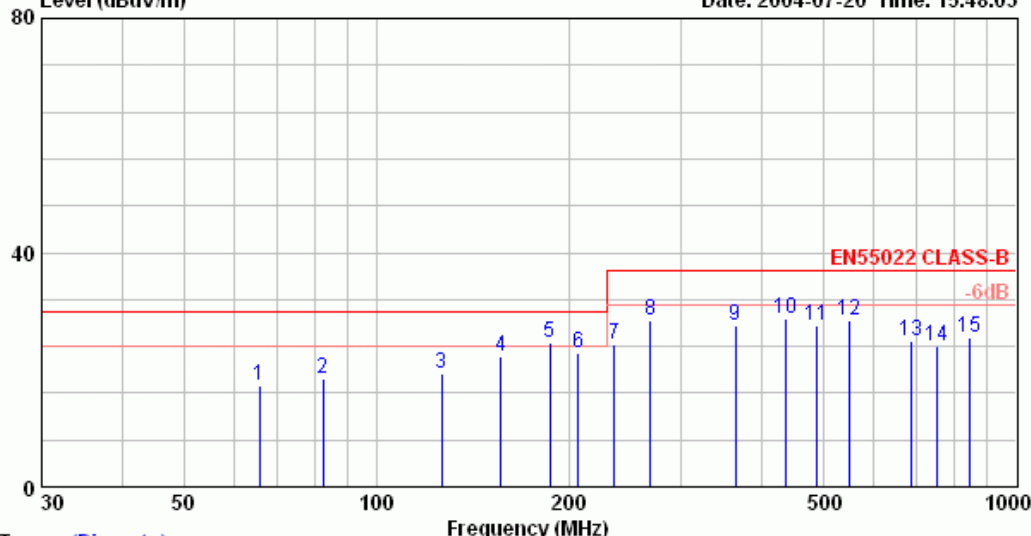
- Remarks:
1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.
 3. All reading are Quasi-Peak values.
 4. The worst emission was detected at 945.015MHz with corrected signal level of 34.94dBuV/m (limit was 37dBuV/m) when the antenna was at vertical polarization and was at 2m high and the turn table was at 325°.
 5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

《M/N E193FPp, LCD Panel: LG Philips M/N LM190E03》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 6 File: C:\Program Files\ie3\test data\TY0404384.EMI (6) Date: 2004-07-20 Time: 15:48:03
Level (dBuV/m)



Trace: (Discrete)

Site : NO.4 Open Site Data : 6
Condition : 10m 1263/1020 (1107) Polarity: HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
S/N: TY0404384

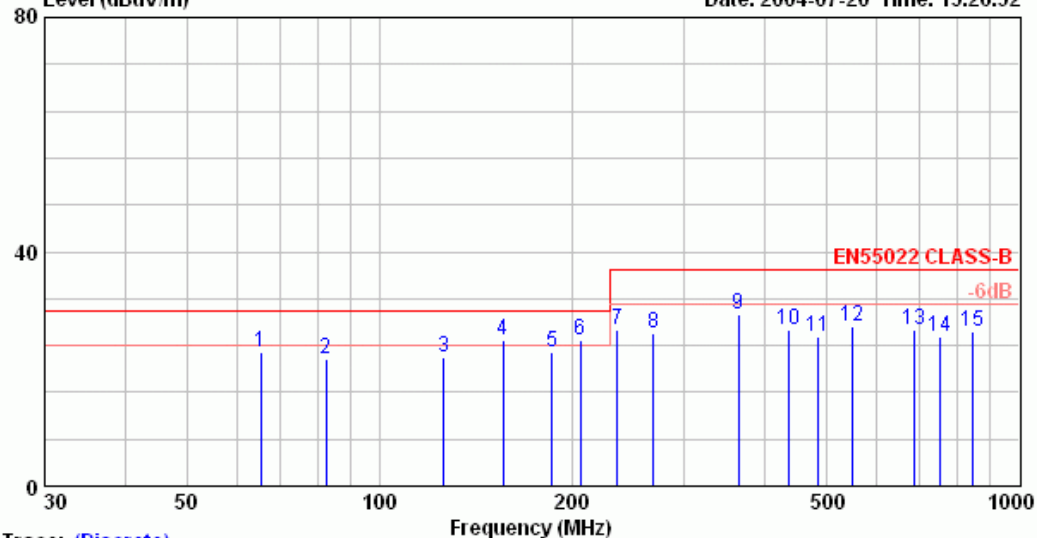
	Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	65.625	12.40	0.87	4.16	17.43	30.00	12.57
2	82.587	14.71	0.96	2.65	18.32	30.00	11.68
3	126.463	19.31	1.15	-1.07	19.39	30.00	10.61
4	156.563	19.91	1.35	1.13	22.39	30.00	7.61
5	186.682	20.58	1.59	2.39	24.57	30.00	5.43
6	206.652	20.80	1.56	0.62	22.97	30.00	7.03
7	235.577	22.19	1.60	0.40	24.19	37.00	12.81
8	268.356	23.12	1.72	3.67	28.51	37.00	8.49
9	364.659	15.31	2.11	10.15	27.57	37.00	9.43
10	436.477	16.76	2.31	9.52	28.59	37.00	8.41
11	486.643	18.35	2.42	6.80	27.56	37.00	9.44
12	548.864	19.36	2.54	6.52	28.43	37.00	8.57
13	686.652	21.30	3.00	0.66	24.97	37.00	12.03
14	751.862	22.38	3.18	-1.40	24.16	37.00	12.84
15	845.684	24.50	3.36	-2.40	25.46	37.00	11.54

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 5 File: C:\Program Files\ie3\test data\TY0404384.EMI (6) Date: 2004-07-20 Time: 15:26:32
Level (dBuV/m)



Trace: (Discrete)

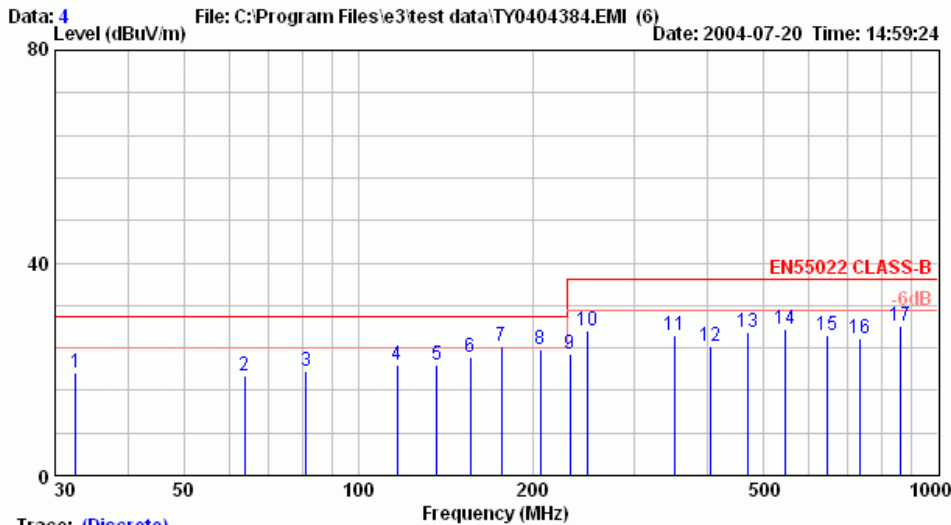
Site : NO.4 Open Site Data : 5
Condition : 10m 1263/1020 (1107) Polarity: VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
S/N:TY0404384

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	65.256	12.29	0.87	9.60	22.77	30.00	7.23	
2	82.685	13.93	0.96	6.68	21.57	30.00	8.43	
3	126.264	16.85	1.15	4.06	22.06	30.00	7.94	
4	156.265	21.02	1.35	2.49	24.86	30.00	5.14	
5	186.186	21.52	1.59	-0.34	22.78	30.00	7.22	
6	206.156	21.34	1.56	2.06	24.95	30.00	5.05	
7	235.256	20.90	1.60	4.10	26.59	37.00	10.41	
8	268.635	23.11	1.72	1.21	26.04	37.00	10.96	
9	364.856	15.97	2.11	11.13	29.22	37.00	7.78	
10	436.741	17.26	2.31	7.10	26.67	37.00	10.33	
11	486.264	18.86	2.42	4.09	25.37	37.00	11.63	
12	548.368	18.85	2.54	5.92	27.30	37.00	9.70	
13	686.156	21.21	3.00	2.50	26.70	37.00	10.30	
14	751.186	22.25	3.18	-0.07	25.36	37.00	11.64	
15	845.361	23.75	3.36	-0.65	26.46	37.00	10.54	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



Trace: (Discrete)

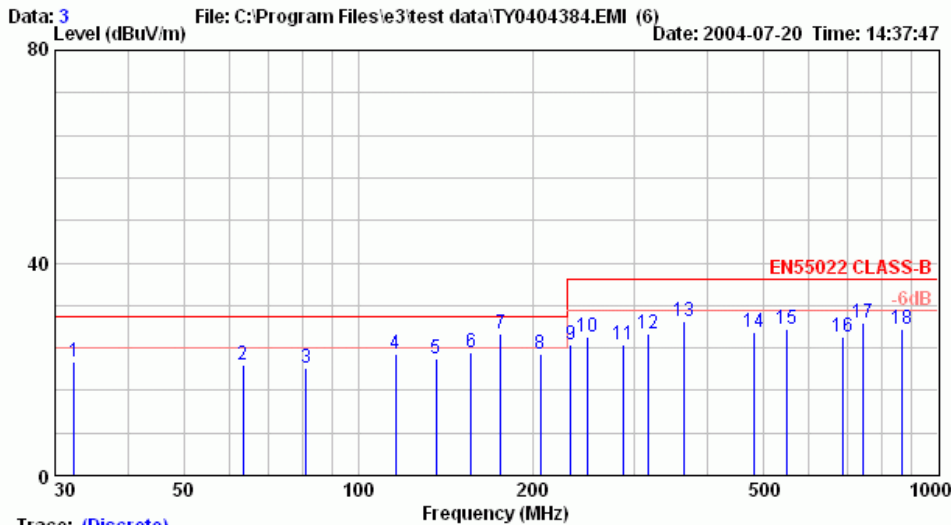
Site : NO.4 Open Site Data : 4
Condition : 10m 1263/1020(1107) Polarity: HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
S/N: TY0404384

	Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	32.552	20.30	0.54	-1.37	19.47	30.00	10.53
2	63.653	12.05	0.86	5.91	18.82	30.00	11.18
3	81.445	14.71	0.95	4.03	19.69	30.00	10.31
4	116.755	18.19	1.10	1.64	20.94	30.00	9.06
5	136.646	19.68	1.26	-0.06	20.88	30.00	9.12
6	156.364	19.91	1.35	0.97	22.23	30.00	7.77
7	176.748	20.92	1.41	2.00	24.33	30.00	5.67 *
8	206.462	20.80	1.56	1.52	23.87	30.00	6.13
9	232.154	21.80	1.58	-0.63	22.75	37.00	14.25
10	248.649	22.26	1.66	3.29	27.21	37.00	9.79
11	352.369	14.65	2.10	9.60	26.36	37.00	10.64
12	406.425	16.51	2.21	5.60	24.32	37.00	12.68
13	468.881	18.03	2.41	6.50	26.94	37.00	10.06
14	546.253	19.36	2.53	5.60	27.50	37.00	9.50
15	645.562	20.87	2.88	2.60	26.35	37.00	10.65
16	736.258	21.13	3.14	1.40	25.67	37.00	11.33
17	863.254	24.08	3.37	0.60	28.05	37.00	8.95

- Remarks:
1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.
 3. All reading are Quasi-Peak values.
 4. The worst emission was detected at 176.748MHz with corrected signal level of 24.33dBuV/m (limit was 30dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 320°.
 5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



Trace: (Discrete)

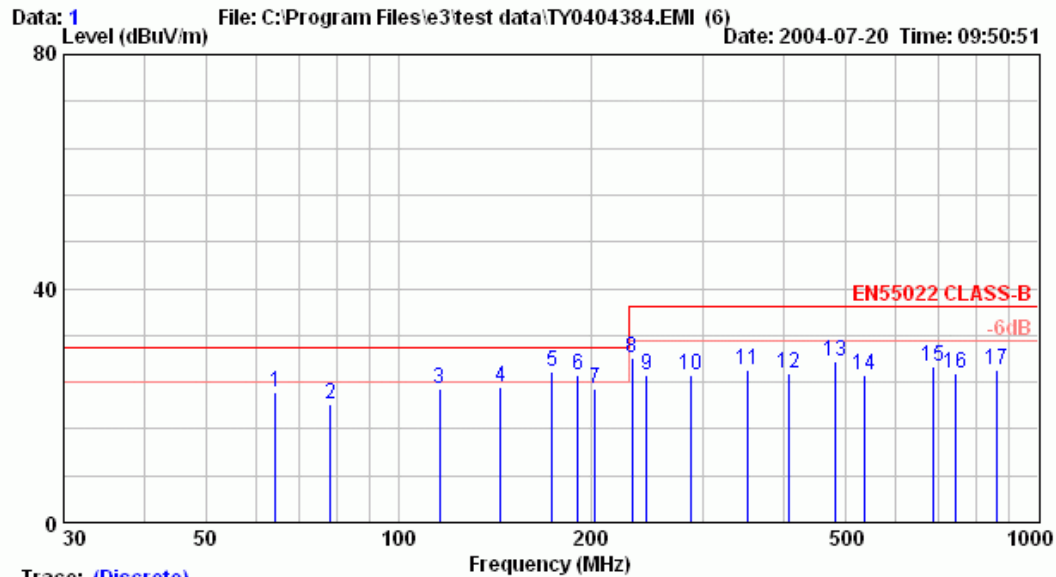
Site : NO.4 Open Site Data : 3
Condition : 10m 1263/1020(1107) Polarity: VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
S/N: TY0404384

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.351	22.17	0.54	-1.40	21.30	30.00	8.70	
2	63.256	13.04	0.86	6.80	20.70	30.00	9.30	
3	81.264	13.79	0.95	5.40	20.15	30.00	9.85	
4	116.168	16.84	1.10	4.80	22.74	30.00	7.26	
5	136.256	18.76	1.25	2.10	22.11	30.00	7.89	
6	156.863	20.63	1.35	1.10	23.08	30.00	6.92	
7	176.370	20.58	1.41	4.60	26.59	30.00	3.41	*
8	206.264	21.34	1.56	0.10	22.99	30.00	7.01	
9	232.351	20.48	1.58	2.60	24.66	37.00	12.34	
10	248.460	21.95	1.66	2.60	26.21	37.00	10.79	
11	286.526	24.29	1.75	-1.40	24.63	37.00	12.37	
12	316.526	14.28	1.91	10.50	26.69	37.00	10.31	
13	365.543	15.97	2.11	10.80	28.88	37.00	8.12	
14	483.264	18.46	2.42	6.20	27.08	37.00	9.92	
15	548.186	18.85	2.54	6.20	27.59	37.00	9.41	
16	684.452	21.54	2.99	1.60	26.13	37.00	10.87	
17	745.264	21.86	3.17	3.60	28.63	37.00	8.37	
18	866.153	24.53	3.37	-0.40	27.50	37.00	9.50	

- Remarks:
1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.
 3. All reading are Quasi-Peak values.
 4. The worst emission was detected at 176.370MHz with corrected signal level of 26.59dBuV/m (limit was 30dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 270°.
 5. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Trace: (Discrete)

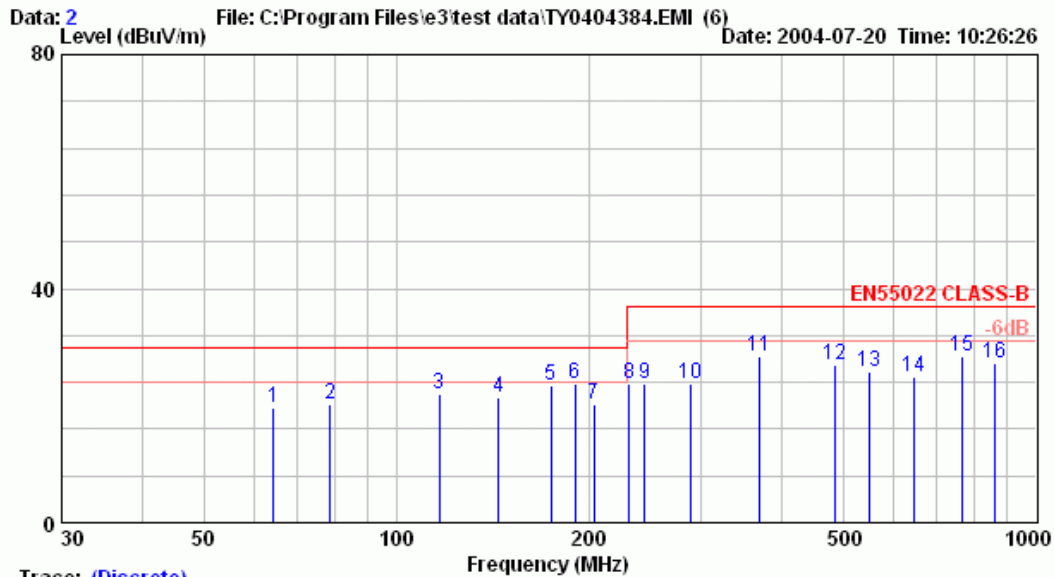
Site : NO.4 Open Site Data : 1
Condition : 10m 1263/1020 (1107) Polarity: VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz
S/N:TY0404384

	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	64.203	12.35	0.87	9.20	22.41	30.00	7.59	
2	78.459	13.54	0.93	5.80	20.27	30.00	9.73	
3	116.089	16.84	1.10	4.80	22.74	30.00	7.26	
4	144.583	20.46	1.35	1.30	23.11	30.00	6.89	
5	174.060	20.53	1.38	3.90	25.81	30.00	4.19	
6	190.955	22.02	1.68	1.50	25.20	30.00	4.80	
7	203.125	21.46	1.59	-0.20	22.85	30.00	7.15	
8	231.981	20.48	1.58	6.20	28.26	37.00	8.74	
9	244.158	21.55	1.64	2.10	25.30	37.00	11.70	
10	286.253	24.29	1.75	-0.90	25.13	37.00	11.87	
11	352.519	15.41	2.10	8.60	26.11	37.00	10.89	
12	407.391	16.41	2.21	6.80	25.42	37.00	11.58	
13	481.891	18.42	2.42	6.70	27.54	37.00	9.46	
14	536.585	19.09	2.51	3.60	25.19	37.00	11.81	
15	686.265	21.21	3.00	2.40	26.61	37.00	10.39	
16	745.156	21.86	3.17	0.60	25.63	37.00	11.37	
17	863.153	24.16	3.37	-1.40	26.13	37.00	10.87	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@ttemc.com.tw



Trace: (Discrete)

Site : NO.4 Open Site Data : 2
Condition : 10m 1263/1020 (1107) Polarity: VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz
S/N:TY0404384

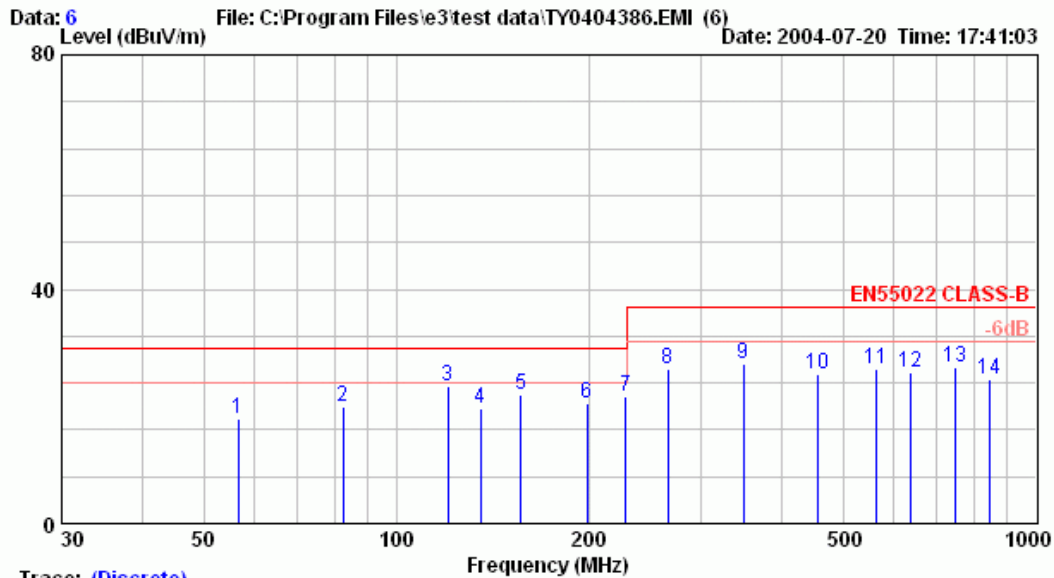
	Freq.	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	64.265	12.35	0.87	6.28	19.50	30.00	10.51	
2	78.925	13.54	0.93	5.73	20.20	30.00	9.80	
3	116.653	16.84	1.10	4.00	21.94	30.00	8.06	
4	144.386	20.46	1.35	-0.34	21.47	30.00	8.53	
5	174.652	20.53	1.38	1.39	23.30	30.00	6.70	
6	190.357	22.02	1.68	0.04	23.73	30.00	6.27	
7	203.526	21.46	1.59	-2.69	20.36	30.00	9.64	
8	231.186	20.48	1.58	1.68	23.74	37.00	13.26	
9	244.485	21.55	1.64	0.45	23.64	37.00	13.36	
10	289.264	24.55	1.76	-2.60	23.71	37.00	13.29	
11	368.526	15.79	2.11	10.60	28.50	37.00	8.50	
12	485.530	18.86	2.42	5.60	26.88	37.00	10.12	
13	548.186	18.85	2.54	4.50	25.89	37.00	11.11	
14	643.845	20.30	2.88	1.60	24.78	37.00	12.22	
15	768.254	22.38	3.22	2.80	28.40	37.00	8.60	
16	864.369	24.28	3.37	-0.40	27.25	37.00	9.75	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.

《M/N E193FPp, LCD Panel: AUO M/N M190EN04》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



Trace: (Discrete)

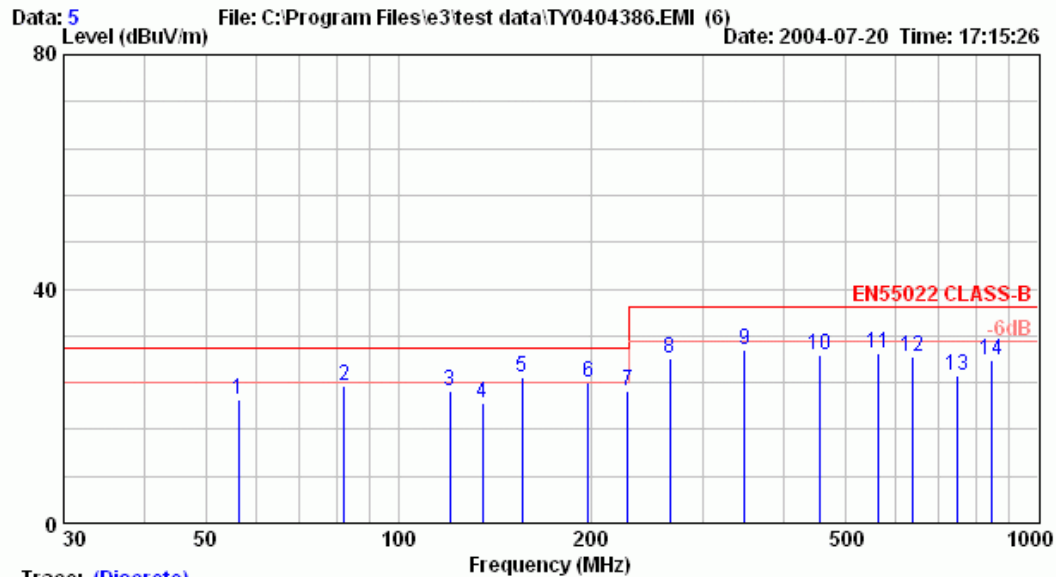
Site : NO.4 Open Site Data : 6
Condition : 10m 1263/1020 (1107) Polarity: HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
S/N:TY0404386

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	56.652	12.46	0.81	4.72	17.99	30.00	12.01	
2	82.654	14.71	0.96	4.25	19.92	30.00	10.08	
3	120.325	18.28	1.11	4.05	23.44	30.00	6.56	
4	135.658	19.60	1.24	-1.27	19.58	30.00	10.42	
5	156.463	19.91	1.35	0.60	21.86	30.00	8.14	
6	198.653	20.63	1.64	-1.66	20.62	30.00	9.38	
7	228.521	21.74	1.57	-1.55	21.76	30.00	8.25	
8	265.858	22.86	1.72	1.90	26.48	37.00	10.52	
9	348.453	14.73	2.10	10.54	27.37	37.00	9.63	
10	456.382	17.29	2.37	5.82	25.48	37.00	11.52	
11	563.852	20.01	2.57	3.93	26.52	37.00	10.48	
12	638.655	20.33	2.87	2.65	25.84	37.00	11.16	
13	748.635	22.46	3.17	1.11	26.74	37.00	10.26	
14	846.524	24.50	3.36	-3.15	24.72	37.00	12.28	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Trace: (Discrete)

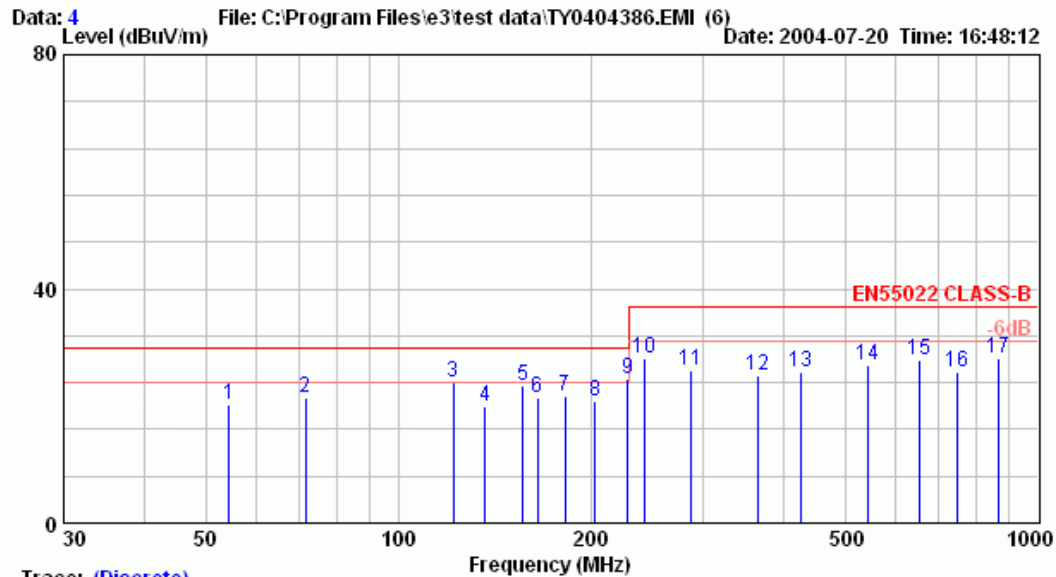
Site : NO.4 Open Site Data : 5
Condition : 10m 1263/1020 (1107) Polarity: VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz
S/N:TY0404386

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	56.256	14.08	0.81	6.30	21.19	30.00	8.81	
2	82.365	13.93	0.96	8.60	23.49	30.00	6.51	
3	120.325	16.65	1.11	4.80	22.56	30.00	7.44	
4	135.256	18.14	1.24	1.20	20.59	30.00	9.41	
5	156.264	21.02	1.35	2.60	24.97	30.00	5.03	
6	198.256	21.76	1.64	0.60	24.01	30.00	5.99	
7	228.125	20.34	1.57	0.60	22.51	30.00	7.49	
8	265.842	22.85	1.72	3.60	28.16	37.00	8.84	
9	348.265	14.86	2.10	12.60	29.56	37.00	7.44	
10	456.183	18.12	2.37	8.30	28.79	37.00	8.21	
11	563.185	19.69	2.57	6.60	28.87	37.00	8.13	
12	638.526	19.99	2.87	5.60	28.46	37.00	8.54	
13	748.536	22.38	3.17	-0.30	25.25	37.00	11.75	
14	846.362	23.75	3.36	0.60	27.72	37.00	9.28	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Trace: (Discrete)

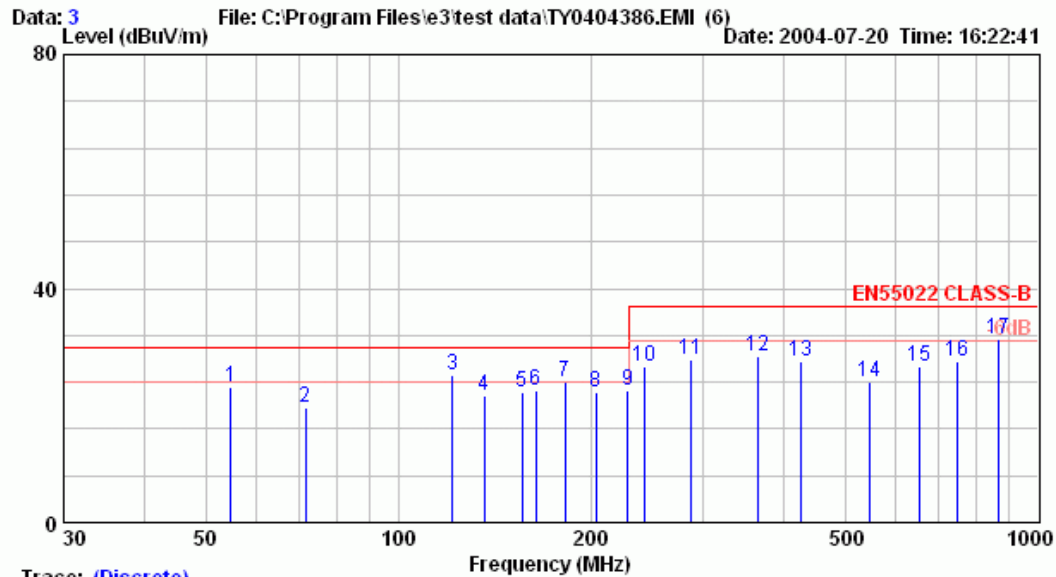
Site : NO.4 Open Site Data : 4
Condition : 10m 1263/1020 (1107) Polarity: HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
S/N:TY0404386

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	54.476	13.80	0.79	5.74	20.34	30.00	9.66	
2	71.656	12.49	0.89	8.01	21.39	30.00	8.61	
3	121.853	18.72	1.12	4.28	24.13	30.00	5.88	
4	136.652	19.68	1.25	-1.05	19.88	30.00	10.12	
5	156.525	19.91	1.35	2.32	23.58	30.00	6.42	
6	164.980	20.09	1.36	-0.03	21.42	30.00	8.58	
7	182.268	20.69	1.53	-0.47	21.74	30.00	8.26	
8	203.269	20.65	1.59	-1.31	20.93	30.00	9.07	
9	228.566	21.74	1.57	1.45	24.76	30.00	5.25	
10	243.263	22.06	1.64	4.53	28.23	37.00	8.77	
11	286.659	23.83	1.75	0.41	25.99	37.00	11.01	
12	365.564	15.31	2.11	7.90	25.32	37.00	11.68	
13	426.676	16.52	2.28	6.99	25.79	37.00	11.21	
14	543.259	19.35	2.53	4.98	26.85	37.00	10.15	
15	653.659	20.84	2.91	4.03	27.78	37.00	9.22	
16	746.253	21.98	3.17	0.64	25.79	37.00	11.21	
17	868.651	23.99	3.37	0.76	28.13	37.00	8.87	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Trace: (Discrete)

Site : NO.4 Open Site Data : 3
Condition : 10m 1263/1020 (1107) Polarity: VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz
S/N:TY0404386

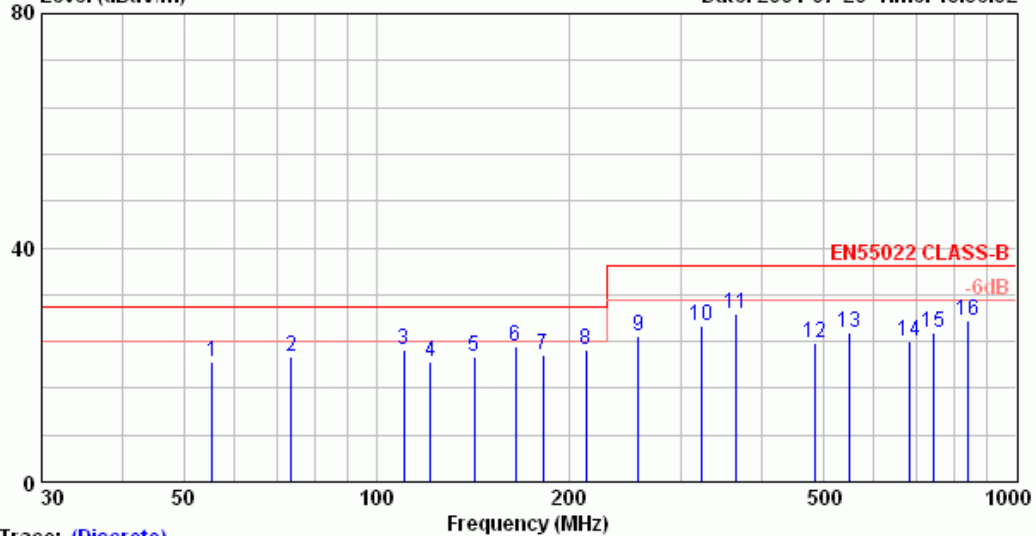
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	54.750	14.94	0.79	7.30	23.03	30.00	6.97	
2	71.706	11.84	0.89	6.80	19.53	30.00	10.47	
3	121.578	16.86	1.12	7.10	25.08	30.00	4.92	
4	136.260	18.76	1.25	1.80	21.81	30.00	8.19	
5	156.265	21.02	1.35	-0.20	22.17	30.00	7.83	
6	164.009	19.88	1.36	1.40	22.64	30.00	7.36	
7	182.301	21.26	1.53	1.30	24.09	30.00	5.91	
8	203.562	21.37	1.59	-0.80	22.16	30.00	7.84	
9	228.634	20.34	1.57	0.60	22.51	30.00	7.49	
10	243.160	21.32	1.64	3.60	26.56	37.00	10.44	
11	286.865	24.29	1.75	1.80	27.83	37.00	9.17	
12	365.350	15.97	2.11	10.20	28.28	37.00	8.72	
13	426.576	16.67	2.28	8.60	27.56	37.00	9.44	
14	543.852	18.80	2.53	2.60	23.93	37.00	13.07	
15	653.856	20.49	2.91	3.20	26.60	37.00	10.40	
16	746.352	21.91	3.17	2.60	27.68	37.00	9.32	
17	868.156	24.33	3.37	3.60	31.31	37.00	5.69	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@ttemc.com.tw

Data: 2 File: C:\Program Files\etest\data\TY0404386.EMI (6) Date: 2004-07-20 Time: 15:56:52
Level (dBuV/m)



Trace: (Discrete)

Site : NO.4 Open Site Data : 2
Condition : 10m 1263/1020 (1107) Polarity: HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz
S/N:TY0404386

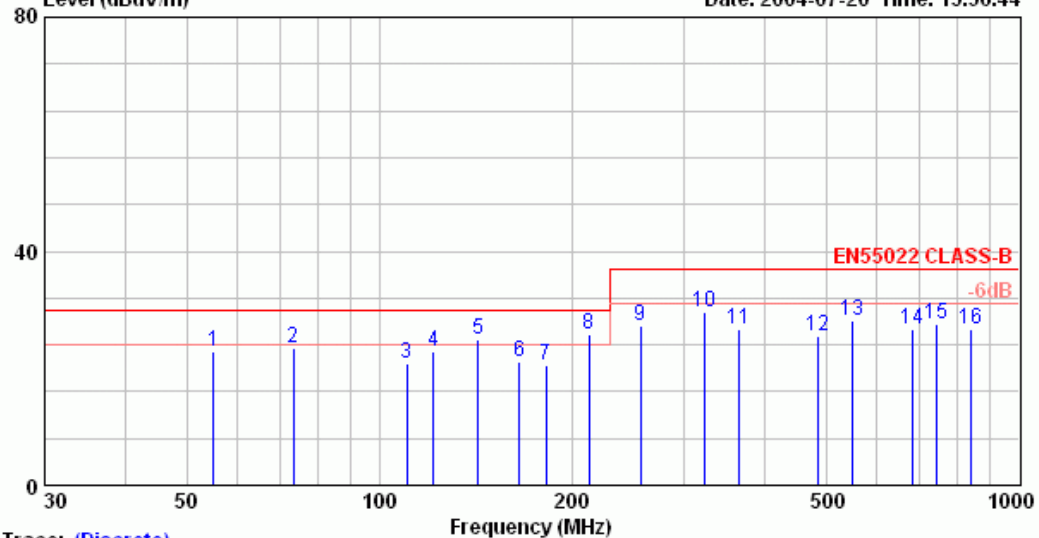
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	55.370	13.23	0.80	6.59	20.62	30.00	9.38	
2	73.574	12.51	0.90	8.08	21.50	30.00	8.50	
3	110.563	18.17	1.11	3.41	22.69	30.00	7.31	
4	121.585	18.72	1.12	0.68	20.53	30.00	9.47	
5	142.366	19.77	1.33	0.26	21.36	30.00	8.64	
6	165.207	20.09	1.36	1.80	23.25	30.00	6.75	
7	182.540	20.69	1.53	-0.47	21.74	30.00	8.26	
8	212.568	20.91	1.49	0.26	22.66	30.00	7.34	
9	256.654	22.67	1.70	0.41	24.78	37.00	12.22	
10	321.685	14.10	1.94	10.75	26.79	37.00	10.21	
11	365.363	15.31	2.11	11.17	28.59	37.00	8.41	
12	483.986	17.84	2.42	3.54	23.80	37.00	13.20	
13	548.569	19.36	2.54	3.63	25.53	37.00	11.47	
14	681.863	20.78	2.98	0.38	24.14	37.00	12.86	
15	742.685	22.13	3.16	0.23	25.53	37.00	11.47	
16	842.682	24.51	3.36	-0.34	27.53	37.00	9.47	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 1 File: C:\Program Files\ie3\test data\TY0404386.EMI (6) Date: 2004-07-20 Time: 15:36:44
Level (dBuV/m)



Trace: (Discrete)

Site : NO.4 Open Site Data : 1
Condition : 10m 1263/1020 (1107) Polarity: VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : ESVS 10 (27°C/30%) Engineer: Kent Sun
EUT : Color Monitor M/N:E193FPp
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz
S/N:TY0404386

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	55.054	14.49	0.79	7.60	22.88	30.00	7.12	
2	73.358	12.06	0.90	10.60	23.56	30.00	6.44	
3	110.303	16.55	1.11	3.20	20.86	30.00	9.14	
4	121.454	16.86	1.12	4.90	22.88	30.00	7.12	
5	142.563	20.27	1.34	3.20	24.81	30.00	5.19	
6	165.502	19.93	1.36	-0.10	21.19	30.00	8.81	
7	182.402	21.26	1.53	-2.40	20.39	30.00	9.61	
8	212.810	22.14	1.49	2.10	25.73	30.00	4.27	
9	256.365	22.05	1.70	3.60	27.35	37.00	9.65	
10	321.486	14.09	1.94	13.60	29.64	37.00	7.36	
11	365.256	15.97	2.11	8.60	26.68	37.00	10.32	
12	483.625	18.46	2.42	4.60	25.48	37.00	11.52	
13	548.486	18.85	2.54	6.60	27.99	37.00	9.01	
14	681.268	20.96	2.98	2.60	26.54	37.00	10.46	
15	742.186	21.88	3.16	2.60	27.64	37.00	9.36	
16	842.196	23.79	3.36	-0.40	26.76	37.00	10.24	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. All reading are Quasi-Peak values.

3.7.3. For above 1GHz frequency range

EUT with following test mode was selected testing at No. 6 Open Field Test Site), the test results are listed in following pages.

Test Date : Jun. 09, 2004 Temperature : 24°C Humidity : 68%
 Test Date : Jul. 22, 2004 Temperature : 27°C Humidity : 43%

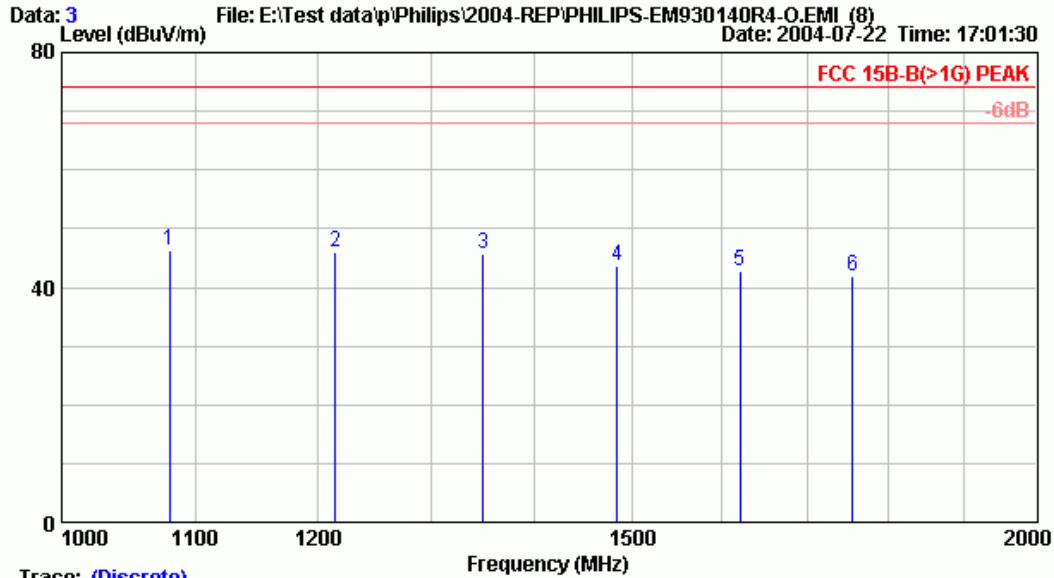
The details of test modes are as follows :

Mode	Model No. (S/N)	LCD Panel	Panel's Angle	Data Cable	Frequency / Resolution.	Reference Test Data #	
						Peak	Average
1.	190P5 (TY0404132)	Fujitsu, M/N LC48SXC8V-11A	0 °	DVI	1280*1024/75Hz, 80kHz	# 3, # 1	# 4, # 2
2.	190B5 (TY0404193)	AUO, M/N M190EN02	0 °	DVI	1280*1024/75Hz, 80kHz	# 4, # 1	# 3, # 2
3.	190X5 (TY0404438)	LG Philips, M/N LM190E03	0 °	DVI	1280*1024/75Hz, 80kHz	# 5, # 7	# 6, # 8
4.	E193FPp (TY0404384)	LG Philips, M/N LM190E03	0 °	D-Sub	1280*1024/75Hz, 80kHz	# 5, # 7	# 6, # 8
5.		AUO, M/N M190EN04	0 °	D-Sub	1280*1024/75Hz, 80kHz	# 3, # 1	# 4, # 2

《M/N 190P5, LCD Panel: Fujitsu M/N FLC48SXC8V-11A》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:886-2-26099303
Email:temc@itemc.com.tw



Trace: (Discrete)

Site no.	: site 6	Data no.	: 3
Dis. / Ant.	: 3m HORN 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC 15B-B(>1G) PEAK		
Env. / Ins.	: 27°C43% / ESCS30	Engineer	: Byron Wu
EUT	: Color Monitor M/N:190P5		
Power Rating	: 120Vac/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz DVI		

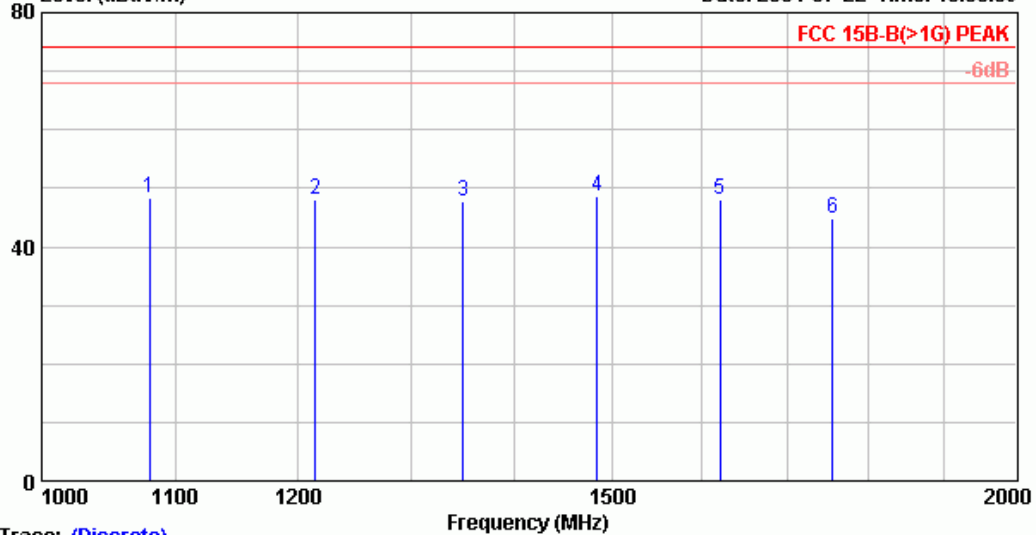
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1	1080.000	24.17	2.56	19.51	46.24	74.00	27.76	Peak
2	1215.000	24.57	2.68	18.68	45.92	74.00	28.08	Peak
3	1350.000	24.94	3.02	17.83	45.79	74.00	28.21	Peak
4	1485.000	25.27	3.35	14.97	43.59	74.00	30.41	Peak
5	1620.000	25.87	3.96	13.10	42.92	74.00	31.08	Peak
6	1755.000	26.46	4.15	11.21	41.82	74.00	32.18	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 1 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930140R4-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 16:58:39



Trace: (Discrete)

Site no. : site 6 Data no. : 1
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz DVI

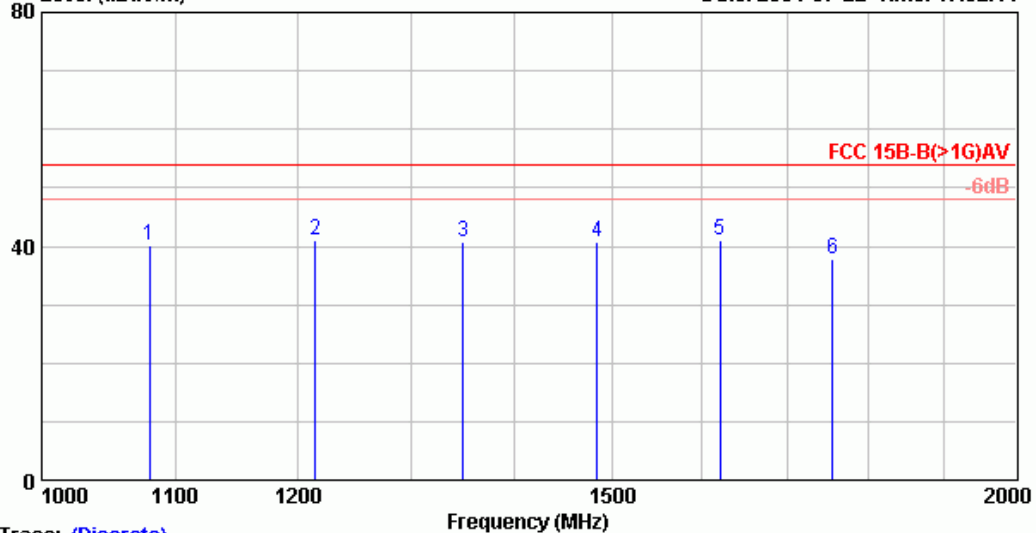
	Freq.	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	1080.000	24.17	2.56	21.51	48.24	74.00	25.76	Peak
2	1215.000	24.57	2.68	20.68	47.92	74.00	26.08	Peak
3	1350.000	24.94	3.02	19.83	47.79	74.00	26.21	Peak
4	1485.000	25.27	3.35	19.97	48.59	74.00	25.41	Peak
5	1620.000	25.87	3.96	18.10	47.92	74.00	26.08	Peak
6	1755.000	26.46	4.15	14.21	44.82	74.00	29.18	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 4 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930140R4-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 17:02:14



Trace: (Discrete)

Site no. : site 6 Data no. : 4
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz DVI

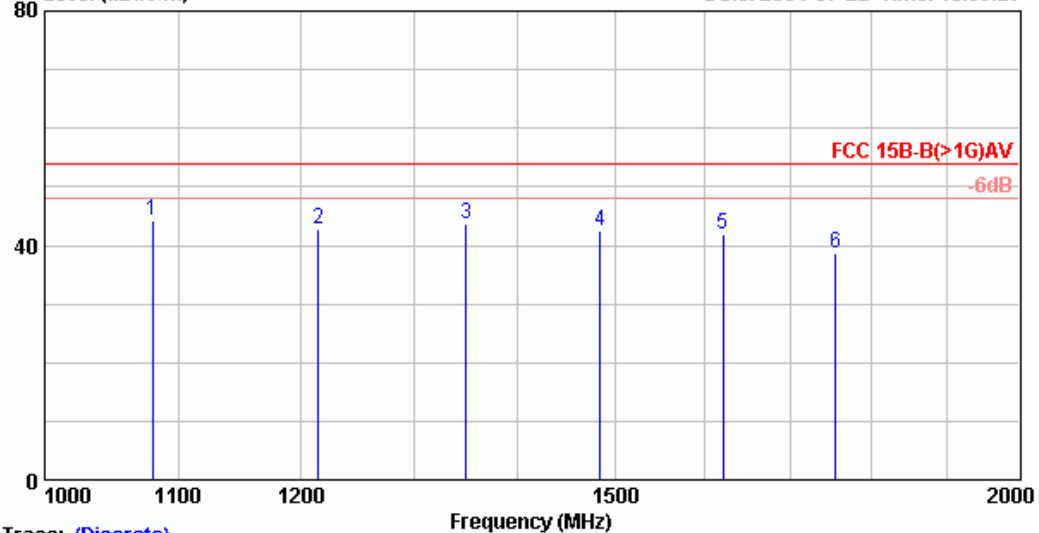
	Freq.	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	1080.000	24.17	2.56	13.51	40.24	54.00	13.76	Average
2	1215.000	24.57	2.68	13.68	40.92	54.00	13.08	Average
3	1350.000	24.94	3.02	12.83	40.79	54.00	13.21	Average
4	1485.000	25.27	3.35	11.97	40.59	54.00	13.41	Average
5	1620.000	25.87	3.96	11.10	40.92	54.00	13.08	Average
6	1755.000	26.46	4.15	7.21	37.82	54.00	16.18	Average

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 2 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930140R4-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 16:59:29



Trace: (Discrete)

Site no. : site 6 Data no. : 2
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:190P5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz DVI

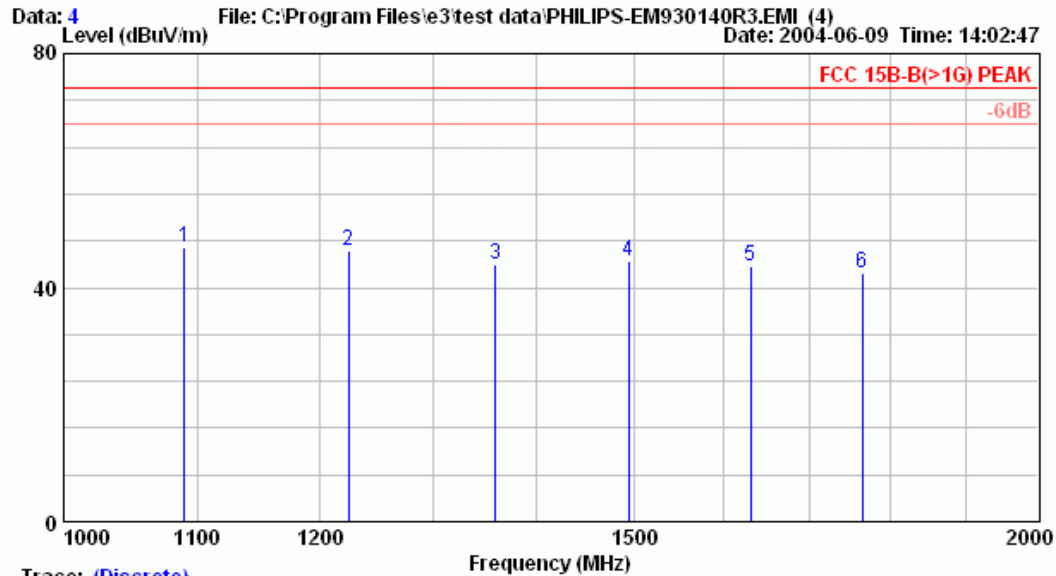
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1080.000	24.17	2.56	17.51	44.24	54.00	9.76	Average
2	1215.000	24.57	2.68	15.68	42.92	54.00	11.08	Average
3	1350.000	24.94	3.02	15.83	43.79	54.00	10.21	Average
4	1485.000	25.27	3.35	13.97	42.59	54.00	11.41	Average
5	1620.000	25.87	3.96	12.10	41.92	54.00	12.08	Average
6	1755.000	26.46	4.15	8.21	38.82	54.00	15.18	Average

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

《M/N 190B5, LCD Panel: AUO M/N M190EN02》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



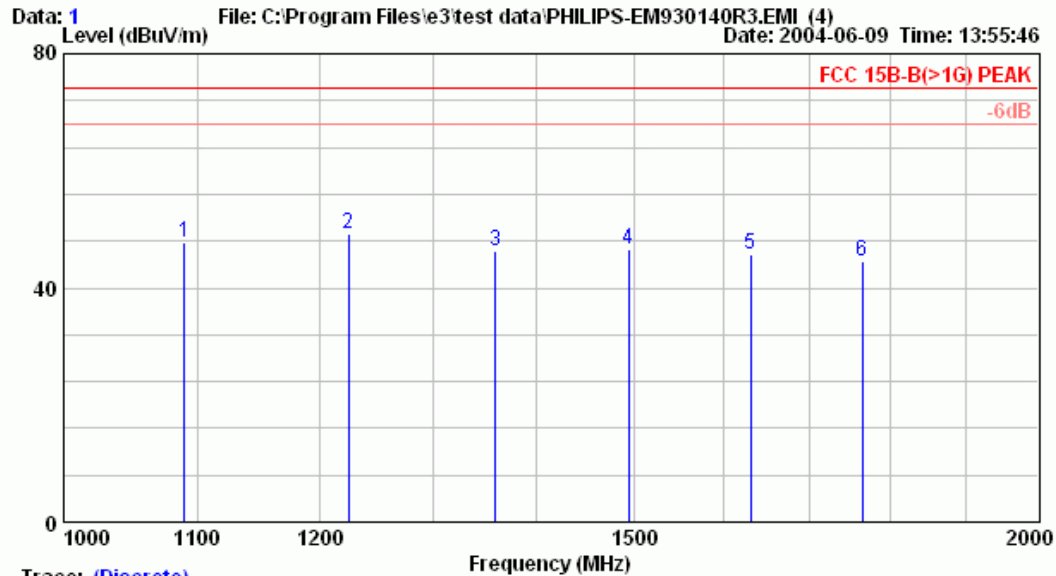
Site no. : NO.6 Open Site Data no. : 4
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 24°C/68% Anritsu MS2601B Engineer : Capa Yang
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz;80KHz

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	1089.949	24.20	2.65	19.89	46.74	74.00	27.26	Peak
2	1224.951	24.60	2.63	18.97	46.21	74.00	27.79	Peak
3	1359.953	24.96	3.03	16.10	44.08	74.00	29.92	Peak
4	1494.955	25.29	3.60	15.76	44.65	74.00	29.35	Peak
5	1629.957	25.91	3.90	13.98	43.79	74.00	30.21	Peak
6	1764.959	26.50	4.13	11.88	42.51	74.00	31.49	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



Trace: (Discrete)

Site no. : NO.6 Open Site Data no. : 1
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 24°C/68% Anritsu MS2601B Engineer : Capa Yang
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz;80KHz

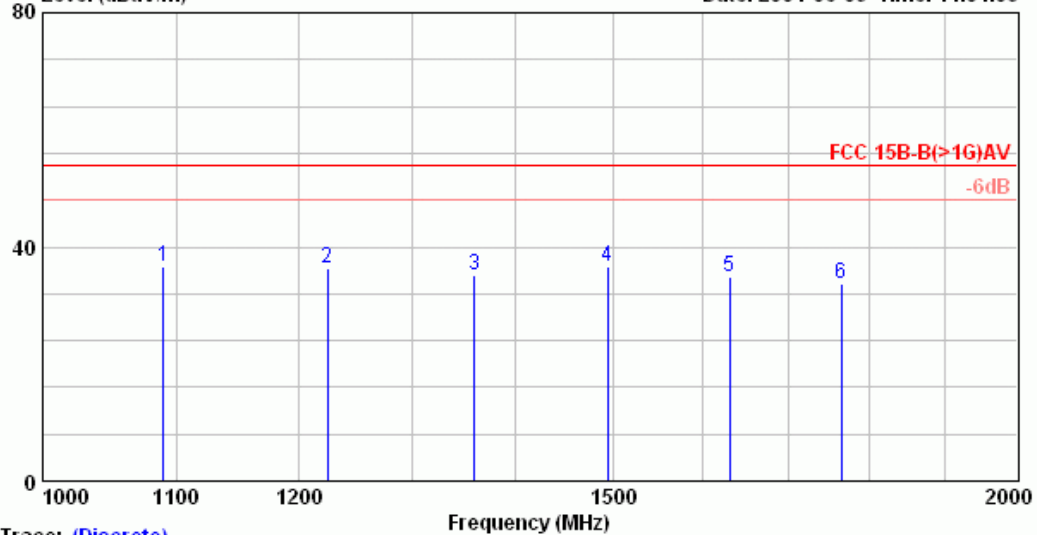
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	1089.949	24.20	2.65	20.91	47.76	74.00	26.24	Peak
2	1224.951	24.60	2.63	21.93	49.17	74.00	24.83	Peak
3	1359.953	24.96	3.03	18.20	46.18	74.00	27.82	Peak
4	1494.955	25.29	3.60	17.74	46.63	74.00	27.37	Peak
5	1629.957	25.91	3.90	15.96	45.77	74.00	28.23	Peak
6	1764.959	26.50	4.13	13.90	44.53	74.00	29.47	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 3 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R3.EMI (4)
Level (dBuV/m) Date: 2004-06-09 Time: 14:01:03



Trace: (Discrete)

Site no. : NO.6 Open Site Data no. : 3
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 24°C/68% Anritsu MS2601B Engineer : Capa Yang
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz;80KHz

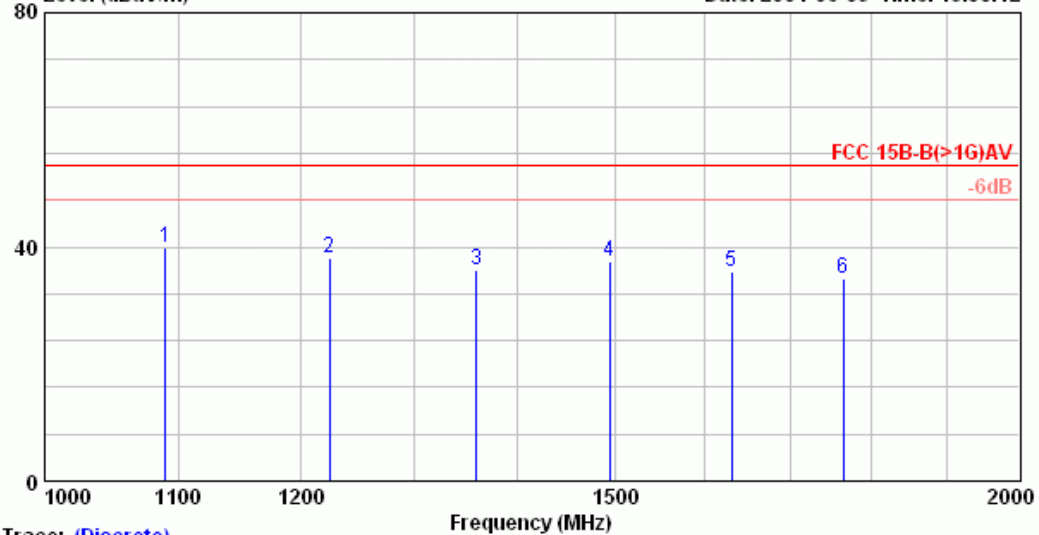
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	1089.949	24.20	2.65	9.89	36.74	54.00	17.26	Average
2	1224.951	24.60	2.63	8.99	36.23	54.00	17.77	Average
3	1359.953	24.96	3.03	7.10	35.08	54.00	18.92	Average
4	1494.955	25.29	3.60	7.78	36.67	54.00	17.33	Average
5	1629.957	25.91	3.90	5.02	34.83	54.00	19.17	Average
6	1764.959	26.50	4.13	2.94	33.57	54.00	20.43	Average

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 2 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R3.EMI (4)
Level (dBuV/m) Date: 2004-06-09 Time: 13:58:42



Trace: (Discrete)

Site no. : NO.6 Open Site Data no. : 2
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 24°C/68% Anritsu MS2601B Engineer : Capa Yang
EUT : Flat Panel Color Monitor M/N:190B5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz;80KHz

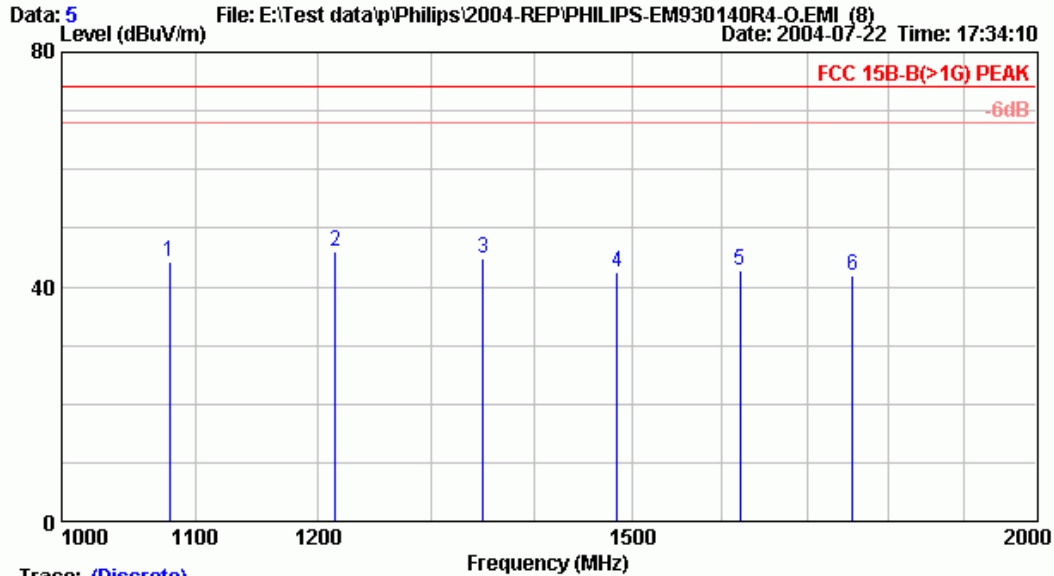
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	1089.949	24.20	2.65	12.87	39.72	54.00	14.28	Average
2	1224.951	24.60	2.63	10.93	38.17	54.00	15.83	Average
3	1359.953	24.96	3.03	8.14	36.12	54.00	17.88	Average
4	1494.955	25.29	3.60	8.62	37.51	54.00	16.49	Average
5	1629.957	25.91	3.90	6.06	35.87	54.00	18.13	Average
6	1764.959	26.50	4.13	3.86	34.49	54.00	19.51	Average

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

《M/N 190X5, LCD Panel: LG Philips M/N LM190E03》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttemc@ttemc.com.tw



Trace: (Discrete)

Site no.	: site 6	Data no.	: 5
Dis. / Ant.	: 3m HORN 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC 15B-B(>1G) PEAK		
Env. / Ins.	: 27°C43% / ESCS30	Engineer	: Byron Wu
EUT	: Color Monitor M/N:190B5		
Power Rating	: 120Vac/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz DVI		

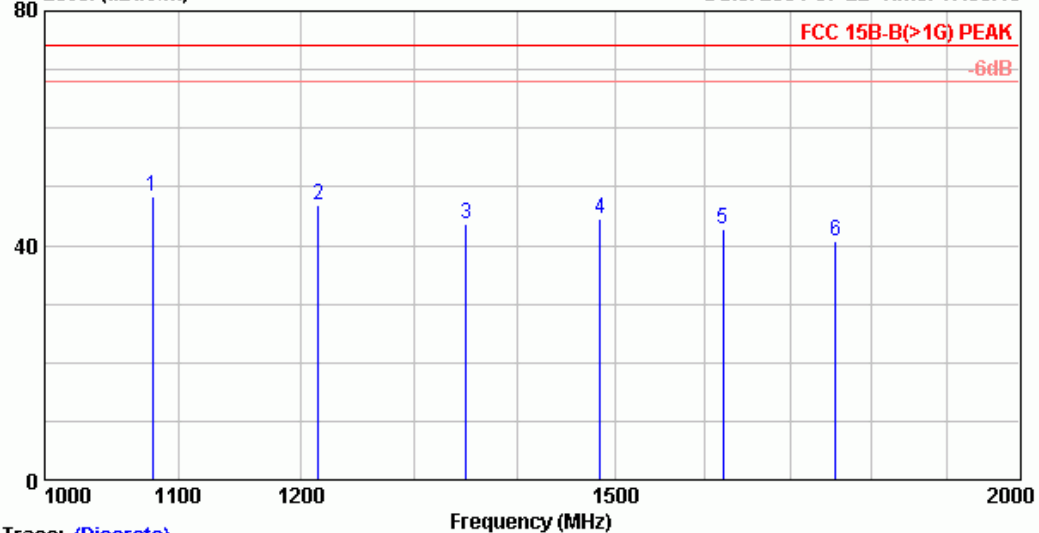
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	1080.000	24.17	2.56	17.51	44.24	74.00	29.76	Peak
2	1215.000	24.57	2.68	18.68	45.92	74.00	28.08	Peak
3	1350.000	24.94	3.02	16.83	44.79	74.00	29.21	Peak
4	1485.000	25.27	3.35	13.97	42.59	74.00	31.41	Peak
5	1620.000	25.87	3.96	13.10	42.92	74.00	31.08	Peak
6	1755.000	26.46	4.15	11.21	41.82	74.00	32.18	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 7 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930140R4-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 17:36:40



Trace: (Discrete)

Site no. : site 6 Data no. : 7
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:190B5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz DVI

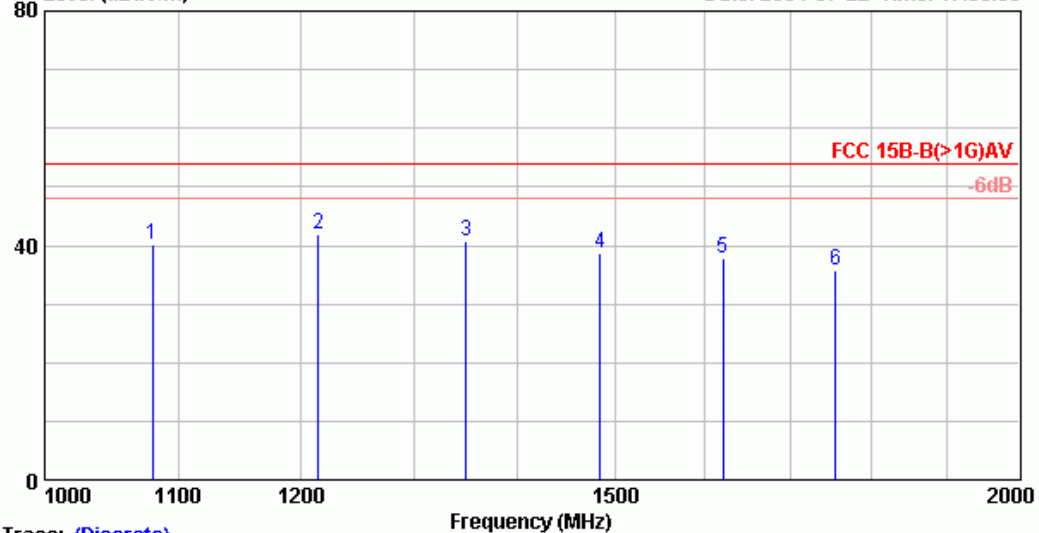
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1080.000	24.17	2.56	21.51	48.24	74.00	25.76	Peak
2	1215.000	24.57	2.68	19.68	46.92	74.00	27.08	Peak
3	1350.000	24.94	3.02	15.83	43.79	74.00	30.21	Peak
4	1485.000	25.27	3.35	15.97	44.59	74.00	29.41	Peak
5	1620.000	25.87	3.96	13.10	42.92	74.00	31.08	Peak
6	1755.000	26.46	4.15	10.21	40.82	74.00	33.18	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 6 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930140R4-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 17:35:53



Trace: (Discrete)

Site no. : site 6 Data no. : 6
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:190B5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz DVI

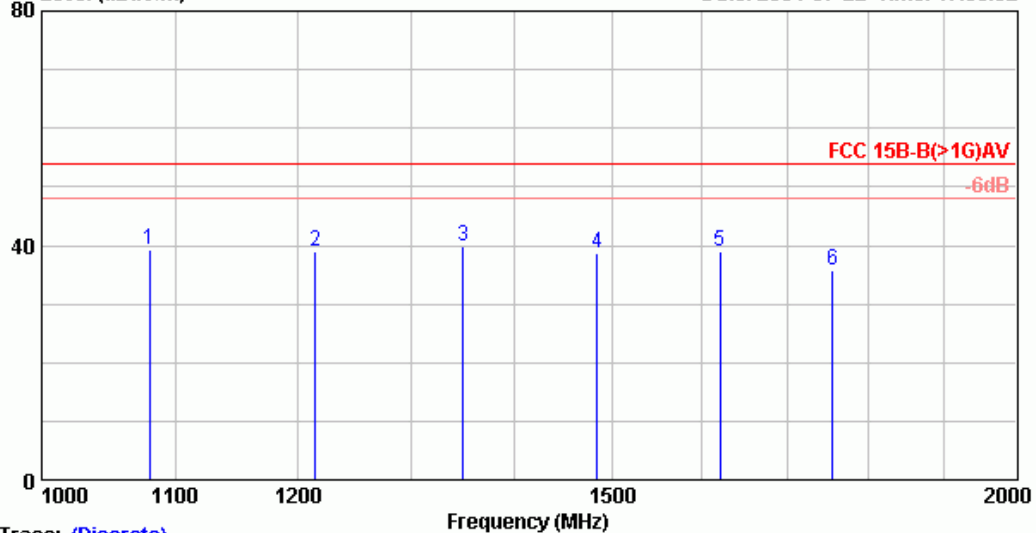
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1080.000	24.17	2.56	13.51	40.24	54.00	13.76	Average
2	1215.000	24.57	2.68	14.68	41.92	54.00	12.08	Average
3	1350.000	24.94	3.02	12.83	40.79	54.00	13.21	Average
4	1485.000	25.27	3.35	9.97	38.59	54.00	15.41	Average
5	1620.000	25.87	3.96	8.10	37.92	54.00	16.08	Average
6	1755.000	26.46	4.15	5.21	35.82	54.00	18.18	Average

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 8 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930140R4-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 17:38:32



Trace: (Discrete)

Site no. : site 6 Data no. : 8
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:190B5
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz DVI

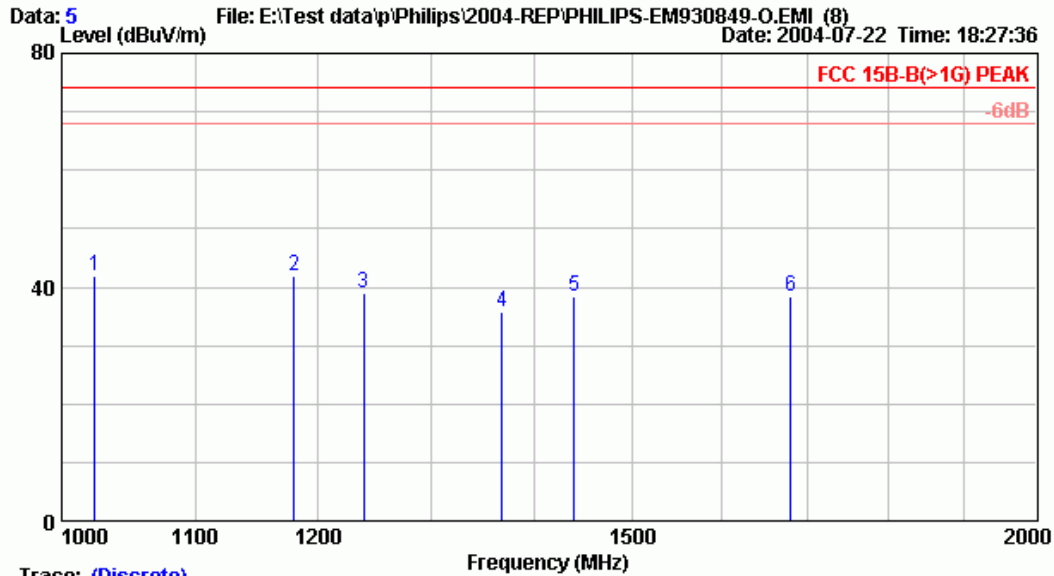
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1080.000	24.17	2.56	12.51	39.24	54.00	14.76	Average
2	1215.000	24.57	2.68	11.68	38.92	54.00	15.08	Average
3	1350.000	24.94	3.02	11.83	39.79	54.00	14.21	Average
4	1485.000	25.27	3.35	9.97	38.59	54.00	15.41	Average
5	1620.000	25.87	3.96	9.10	38.92	54.00	15.08	Average
6	1755.000	26.46	4.15	5.21	35.82	54.00	18.18	Average

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

《M/N E193FPp, LCD Panel: LG Philips M/N LM190E03》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:886-2-26099303
Email:temc@ttemc.com.tw



Trace: (Discrete)

Site no. : site 6 Data no. : 5
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp(LPL)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

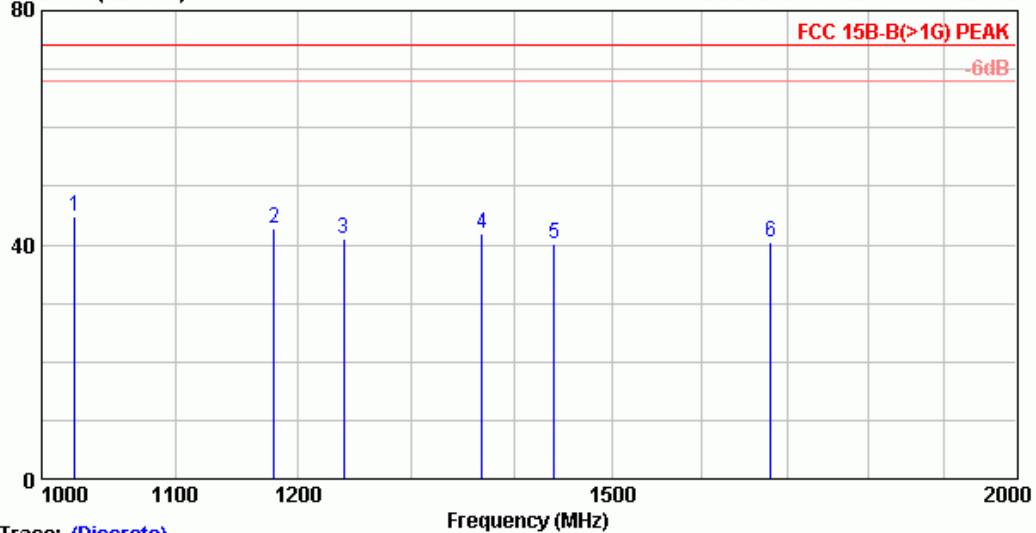
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	1024.000	23.98	2.44	15.43	41.85	74.00	32.15	Peak
2	1180.000	24.47	2.76	14.64	41.87	74.00	32.13	Peak
3	1240.000	24.64	2.63	11.71	38.98	74.00	35.02	Peak
4	1368.000	24.98	3.05	7.85	35.88	74.00	38.12	Peak
5	1440.000	25.16	3.16	9.93	38.25	74.00	35.75	Peak
6	1680.000	26.12	4.11	8.15	38.37	74.00	35.63	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 7 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930849-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 18:29:58



Trace: (Discrete)

Site no. : site 6 Data no. : 7
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp(LPL)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

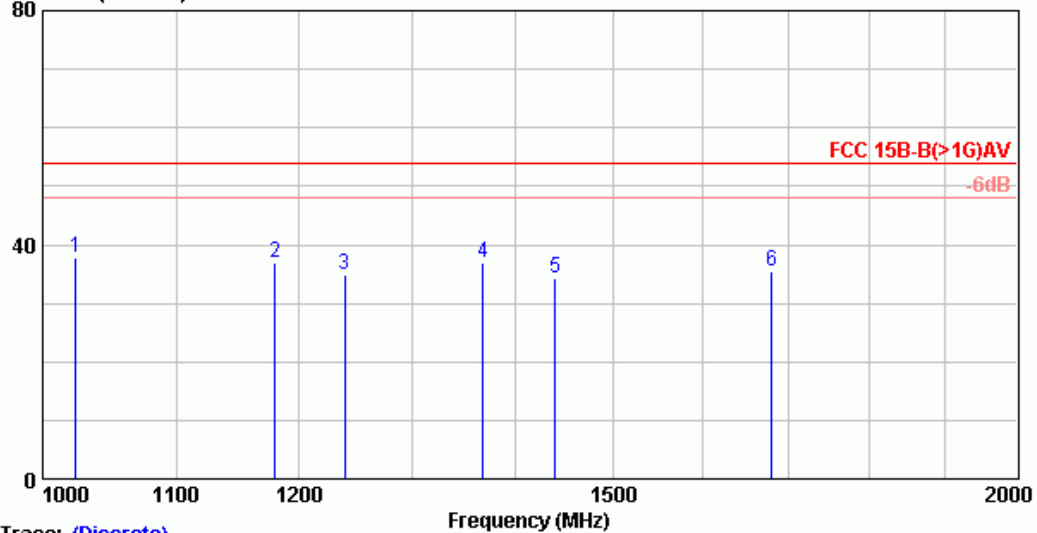
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	1024.000	23.98	2.44	18.43	44.85	74.00	29.15	Peak
2	1180.000	24.47	2.76	15.64	42.87	74.00	31.13	Peak
3	1240.000	24.64	2.63	13.71	40.98	74.00	33.02	Peak
4	1368.000	24.98	3.05	13.85	41.88	74.00	32.12	Peak
5	1440.000	25.16	3.16	11.93	40.25	74.00	33.75	Peak
6	1680.000	26.12	4.11	10.15	40.37	74.00	33.63	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 6 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930849-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 18:28:27



Trace: (Discrete)

Site no. : site 6 Data no. : 6
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp (LPL)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

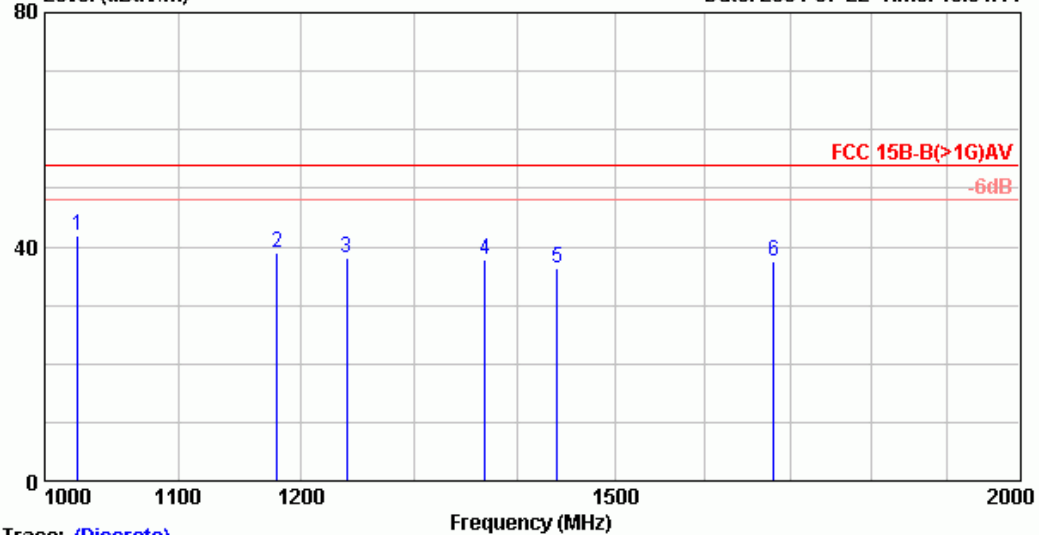
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1024.000	23.98	2.44	11.43	37.85	54.00	16.15	Average
2	1180.000	24.47	2.76	9.64	36.87	54.00	17.13	Average
3	1240.000	24.64	2.63	7.71	34.98	54.00	19.02	Average
4	1368.000	24.98	3.05	8.85	36.88	54.00	17.12	Average
5	1440.000	25.16	3.16	5.93	34.25	54.00	19.75	Average
6	1680.000	26.12	4.11	5.15	35.37	54.00	18.63	Average

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 8 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930849-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 18:31:11



Trace: (Discrete)

Site no. : site 6 Data no. : 8
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp (LPL)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

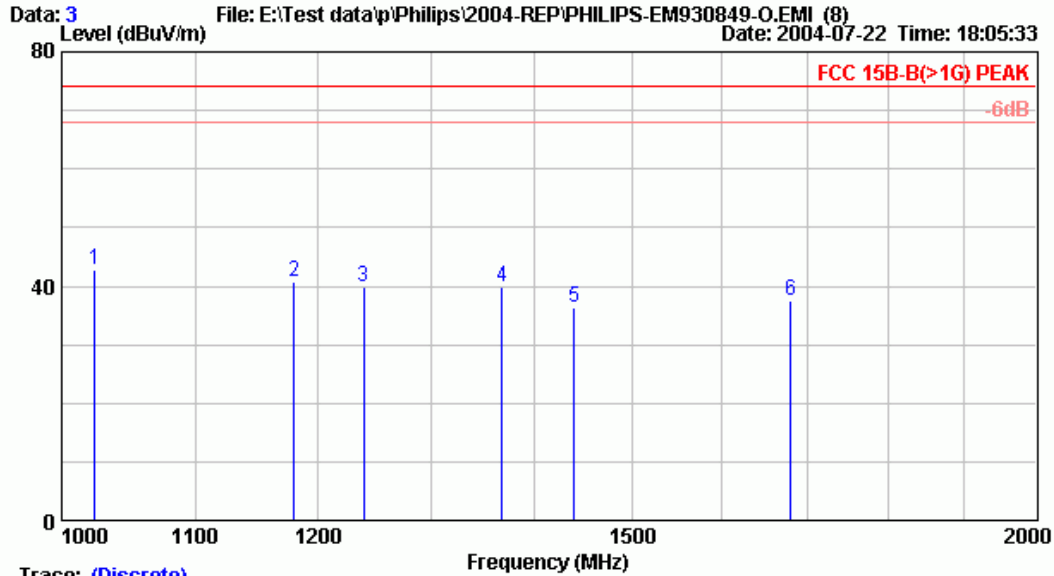
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1024.000	23.98	2.44	15.43	41.85	54.00	12.15	Average
2	1180.000	24.47	2.76	11.64	38.87	54.00	15.13	Average
3	1240.000	24.64	2.63	10.71	37.98	54.00	16.02	Average
4	1368.000	24.98	3.05	9.85	37.88	54.00	16.12	Average
5	1440.000	25.16	3.16	7.93	36.25	54.00	17.75	Average
6	1680.000	26.12	4.11	7.15	37.37	54.00	16.63	Average

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

《M/N E193FPp, LCD Panel: AUO M/N M190EN04》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



Trace: (Discrete)

Site no. : site 6 Data no. : 3
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp(AUO)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

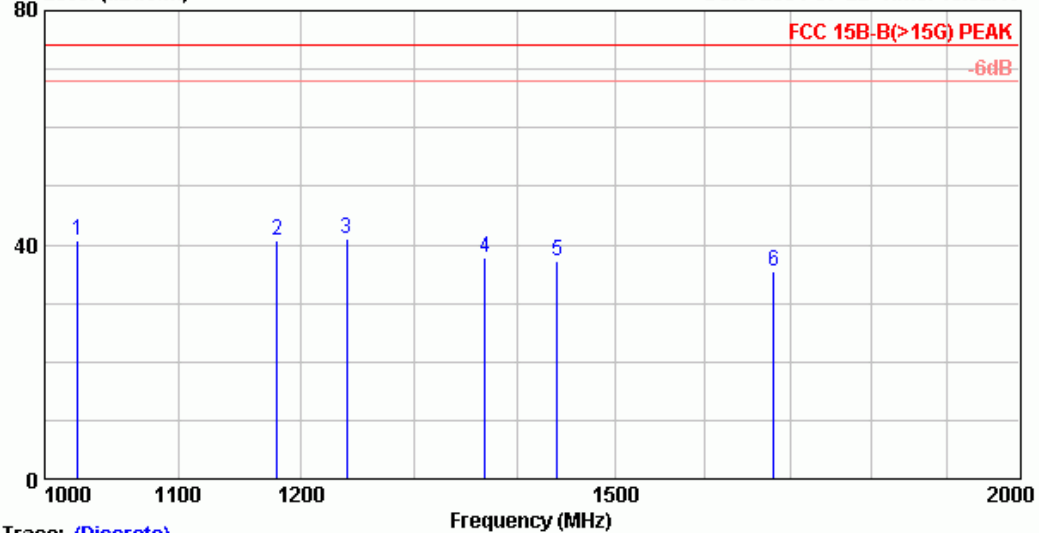
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1	1024.000	23.98	2.44	16.43	42.85	74.00	31.15	Peak
2	1180.000	24.47	2.76	13.64	40.87	74.00	33.13	Peak
3	1240.000	24.64	2.63	12.71	39.98	74.00	34.02	Peak
4	1368.000	24.98	3.05	11.85	39.88	74.00	34.12	Peak
5	1440.000	25.16	3.16	7.93	36.25	74.00	37.75	Peak
6	1680.000	26.12	4.11	7.15	37.37	74.00	36.63	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw

Data: 1 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930849-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 18:02:49



Trace: (Discrete)

Site no. : site 6 Data no. : 1
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>15G) PEAK
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp(AUO)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

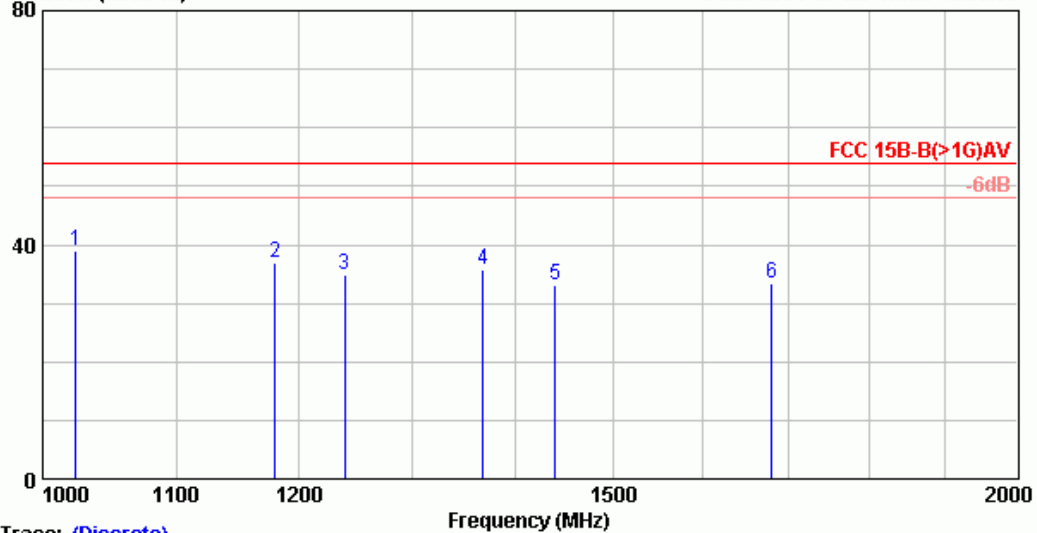
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1024.000	23.98	2.44	14.43	40.85	74.00	33.15	Peak
2	1180.000	24.47	2.76	13.64	40.87	74.00	33.13	Peak
3	1240.000	24.64	2.63	13.71	40.98	74.00	33.02	Peak
4	1368.000	24.98	3.05	9.85	37.88	74.00	36.12	Peak
5	1440.000	25.16	3.16	8.93	37.25	74.00	36.75	Peak
6	1680.000	26.12	4.11	5.15	35.37	74.00	38.63	Peak

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 4 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930849-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 18:06:35



Trace: (Discrete)

Site no. : site 6 Data no. : 4
Dis. / Ant. : 3m HORN 3115 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp(AUO)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

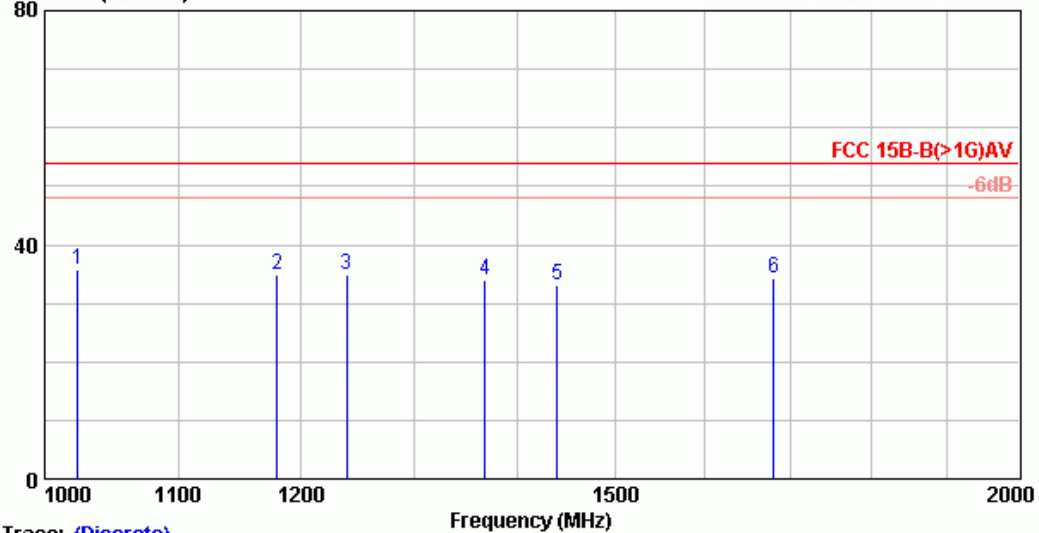
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1024.000	23.98	2.44	12.43	38.85	54.00	15.15	Average
2	1180.000	24.47	2.76	9.64	36.87	54.00	17.13	Average
3	1240.000	24.64	2.63	7.71	34.98	54.00	19.02	Average
4	1368.000	24.98	3.05	7.85	35.88	54.00	18.12	Average
5	1440.000	25.16	3.16	4.93	33.25	54.00	20.75	Average
6	1680.000	26.12	4.11	3.15	33.37	54.00	20.63	Average

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:-886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 2 File: E:\Test data\p\Philips\2004-REP\PHILIPS-EM930849-O.EMI (8)
Level (dBuV/m) Date: 2004-07-22 Time: 18:04:40



Trace: (Discrete)

Site no. : site 6 Data no. : 2
Dis. / Ant. : 3m HORN 3115 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G)AV
Env. / Ins. : 27°C43% / ESCS30 Engineer : Byron Wu
EUT : Color Monitor M/N:E193FPp(AUO)
Power Rating : 120Vac/60Hz
Test Mode : 1280*1024/75Hz 80KHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμ V)	Emission Level (dBμ V/m)	Limits (dBμ V/m)	Margin (dB)	Remark
1	1024.000	23.98	2.44	9.43	35.85	54.00	18.15	Average
2	1180.000	24.47	2.76	7.64	34.87	54.00	19.13	Average
3	1240.000	24.64	2.63	7.71	34.98	54.00	19.02	Average
4	1368.000	24.98	3.05	5.85	33.88	54.00	20.12	Average
5	1440.000	25.16	3.16	4.93	33.25	54.00	20.75	Average
6	1680.000	26.12	4.11	4.15	34.37	54.00	19.63	Average

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

4. DEVIATION TO TEST SPECIFICATIONS

【NONE】

APPENDIX I

(The Details of Difference for all Models)

The Details of Difference List

Item \ Model	190P5	190B5	190X5	E193FPp
Brand	PHILIPS	PHILIPS	PHILIPS	DELL
Audio	Yes	Yes	Yes	No
EAR Port	Yes	Yes	Yes	No
Panel Rotate	Yes	No	No	No
LCD Panel	Fujitsu, M/N FLC48SXC8V-11	AUO, M/N M190EN02	LG Philips, M/N LM190E03	LG Philips, M/N LM190E03
				AUO, M/N M190EN04
Scaler IC	GM5321	GM5321	GM5321	GM ZAN3SL
Data Cable (Input)	D-Sub 、DVI	D-Sub 、DVI	D-Sub 、DVI	D-Sub
Light Frame	Yes	No	Yes	No
Power PCB	Ambit, T50P046.00	Ambit, T50P050.00	Ambit, T50P054.00	Ambit, T50P060.00

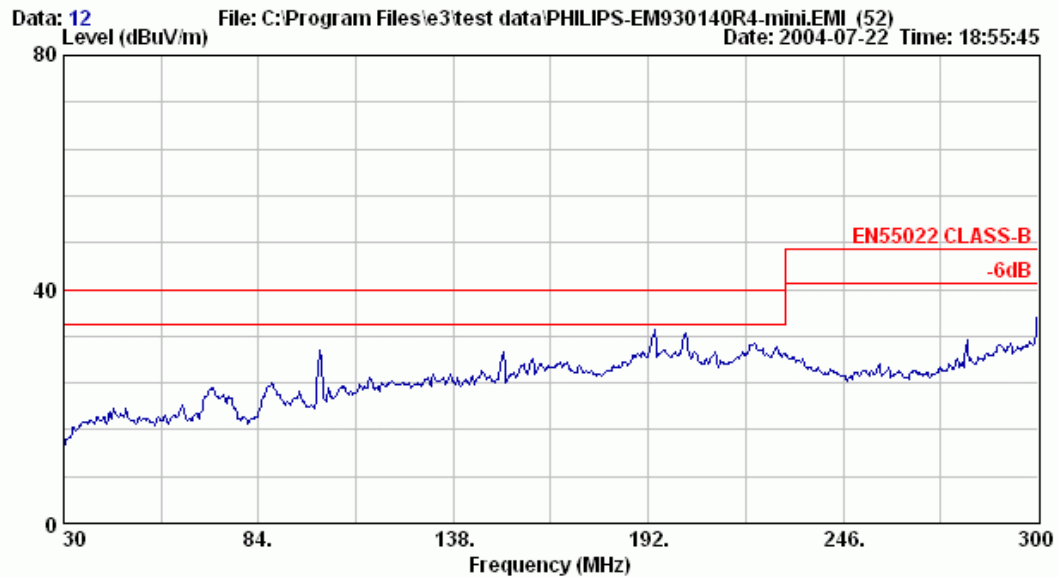
APPENDIX II

(Radiated Test Data at Simple Anechoic Chamber)

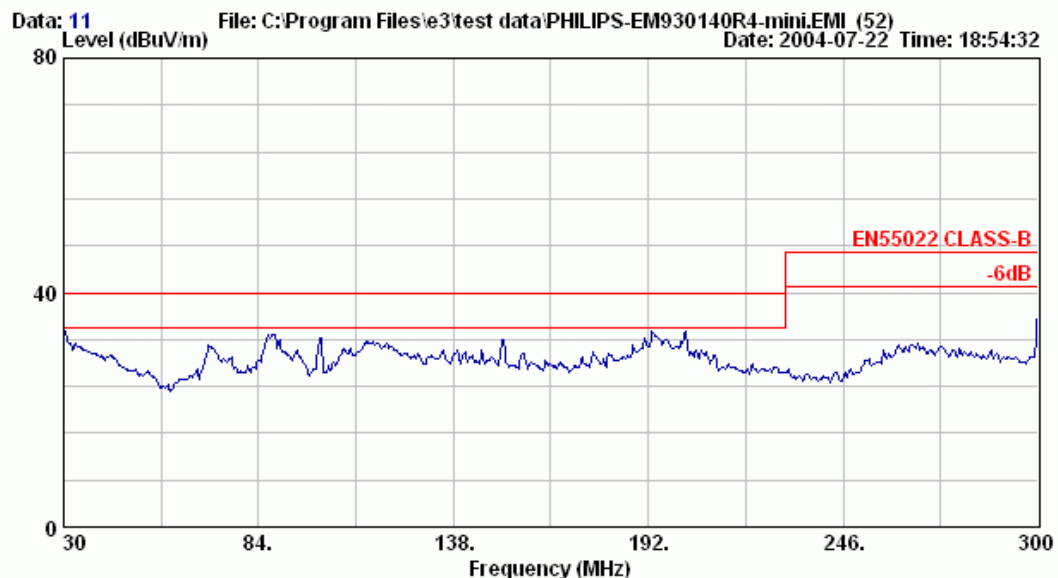
《M/N 190P5》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



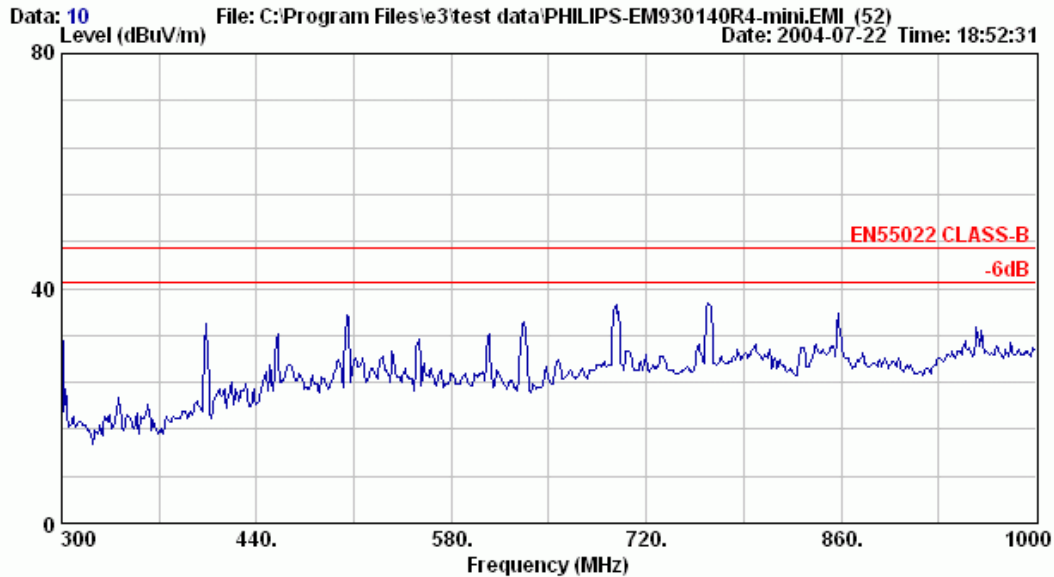
Site no.	: AUDIX Mini Chamber	Data no.	: 12
Dis. / Ant.	: 3m VBA6106A(1264)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		



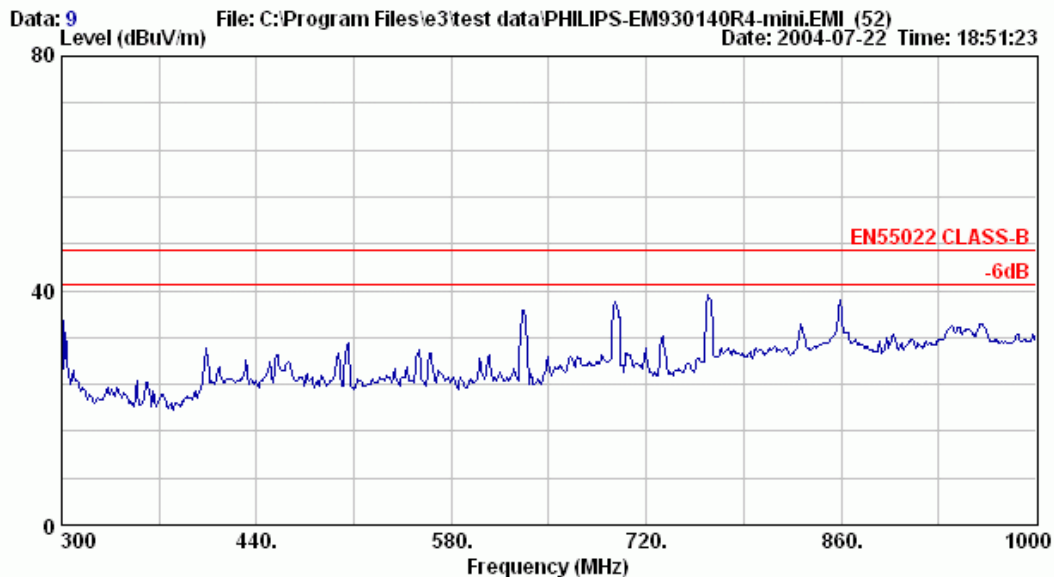
Site no.	: AUDIX Mini Chamber	Data no.	: 11
Dis. / Ant.	: 3m VBA6106A(1264)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@ttemc.com.tw



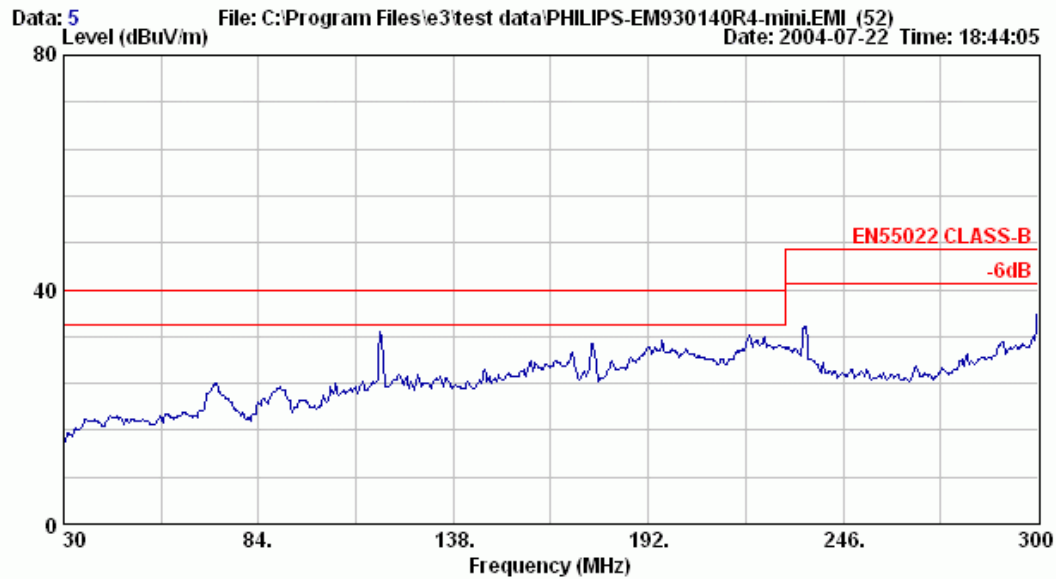
Site no.	: AUDIX Mini Chamber	Data no.	: 10
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		



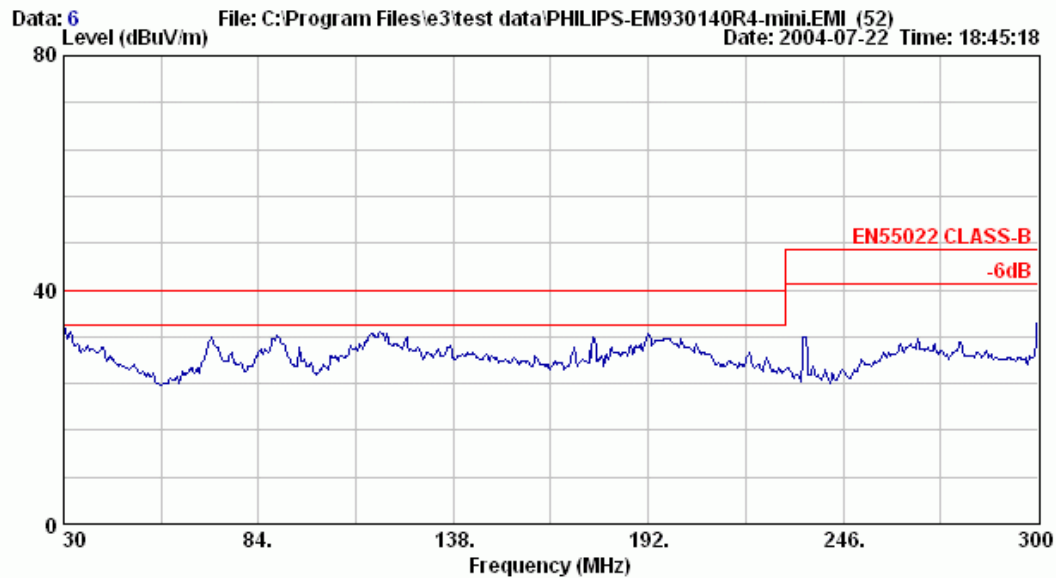
Site no.	: AUDIX Mini Chamber	Data no.	: 9
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



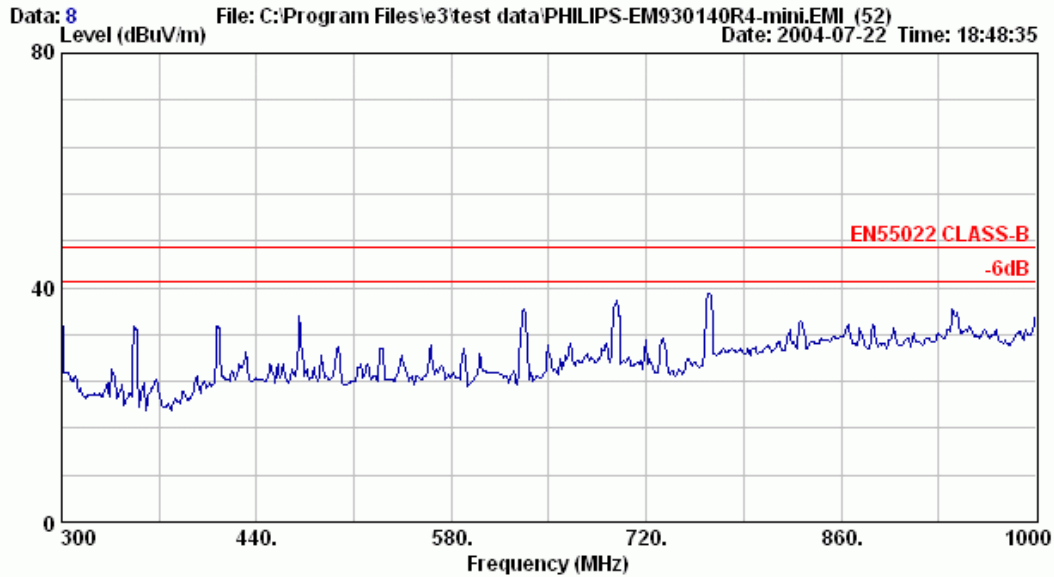
Site no. : AUDIX Mini Chamber Data no. : 5
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (D-SUB)



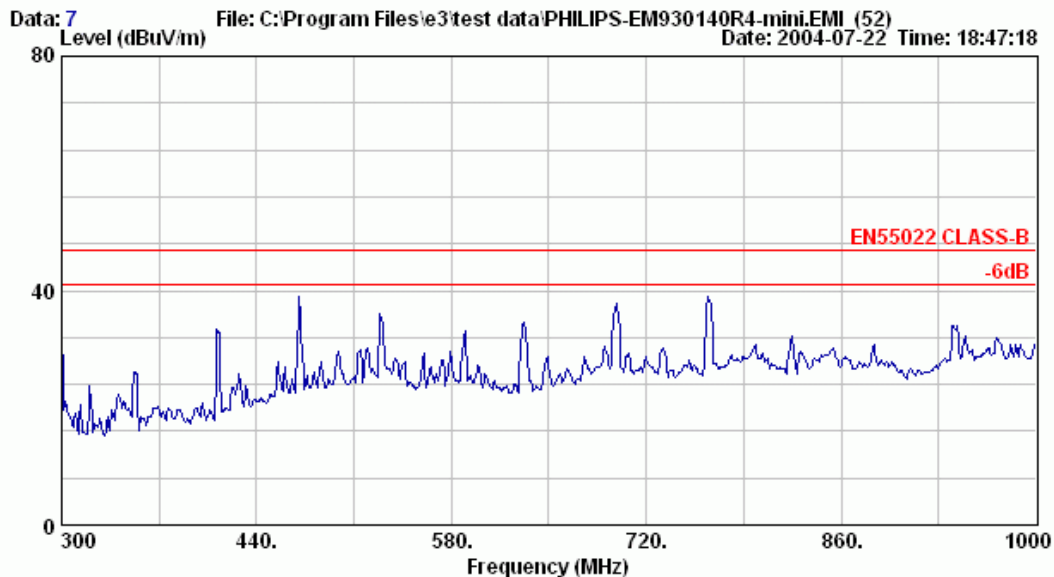
Site no. : AUDIX Mini Chamber Data no. : 6
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (D-SUB)



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



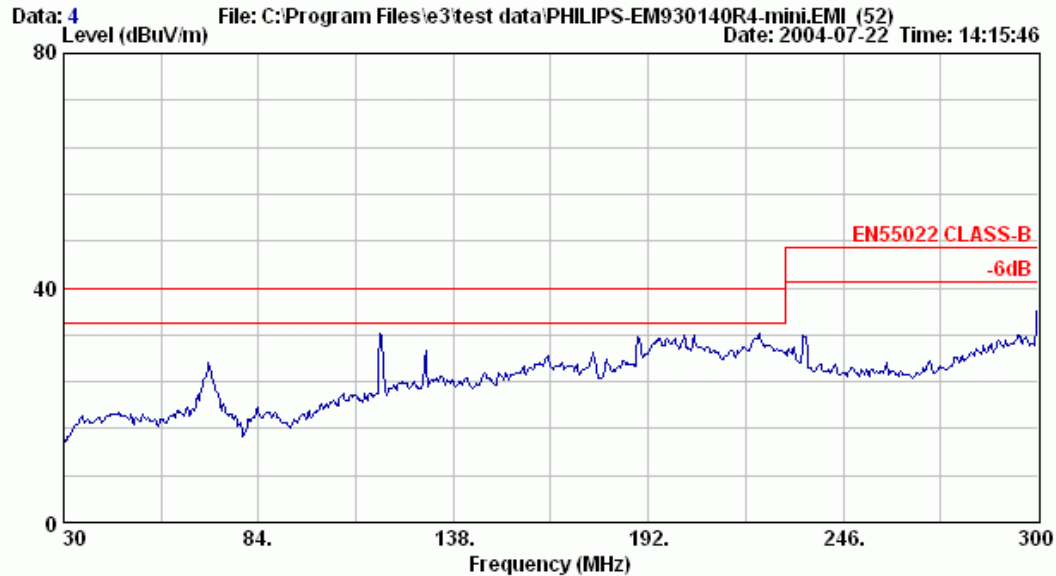
Site no.	: AUDIX Mini Chamber	Data no.	: 8
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (D-SUB)		



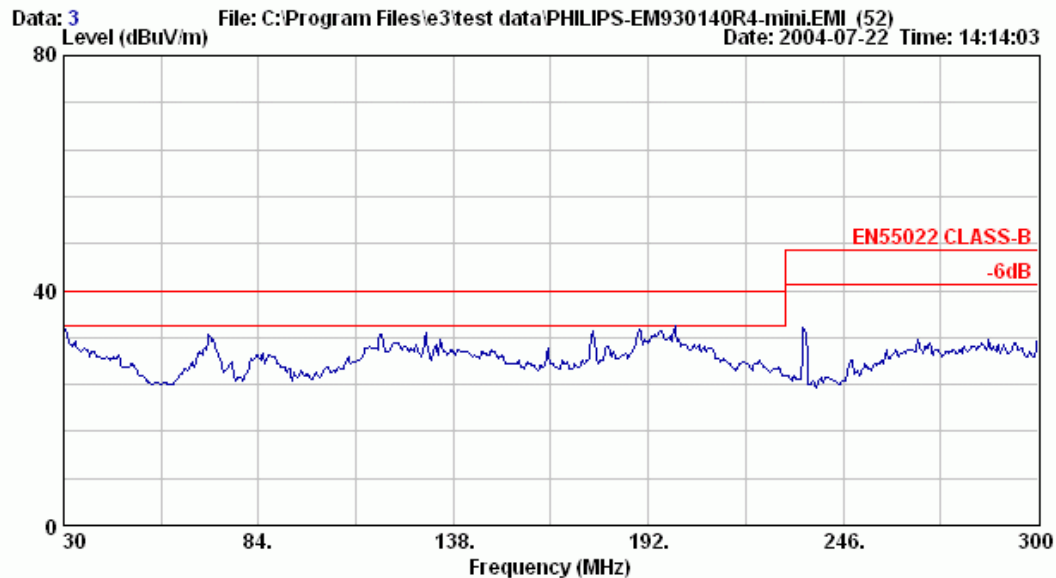
Site no.	: AUDIX Mini Chamber	Data no.	: 7
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (D-SUB)		



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



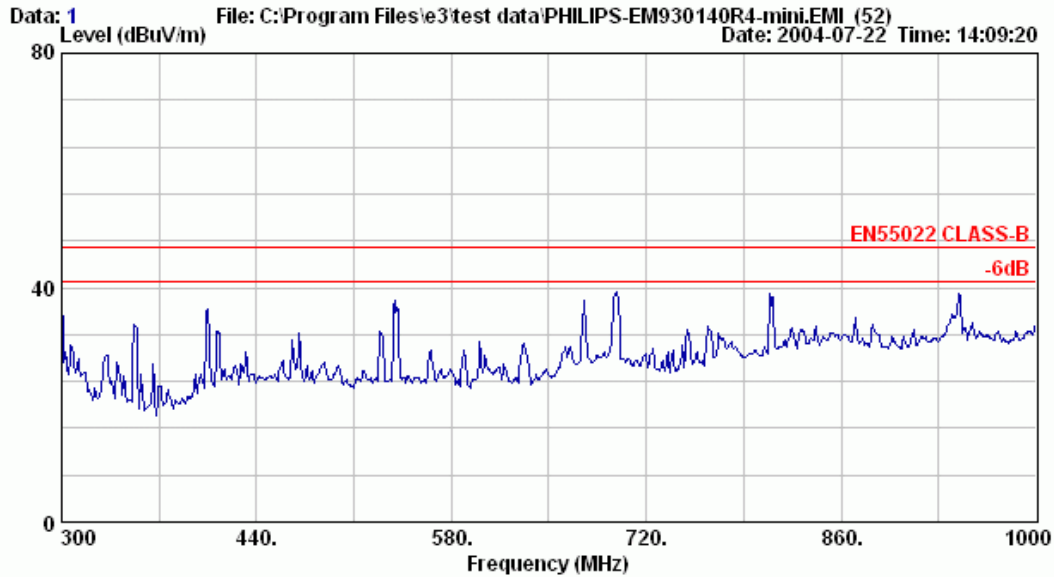
Site no. : AUDIX Mini Chamber Data no. : 4
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-SUB)



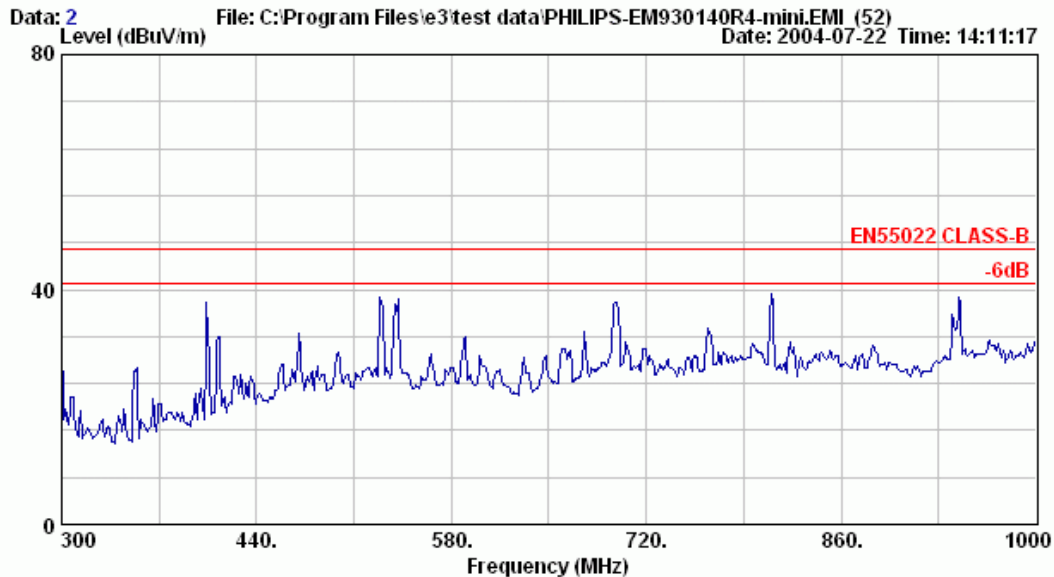
Site no. : AUDIX Mini Chamber Data no. : 3
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-SUB)



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



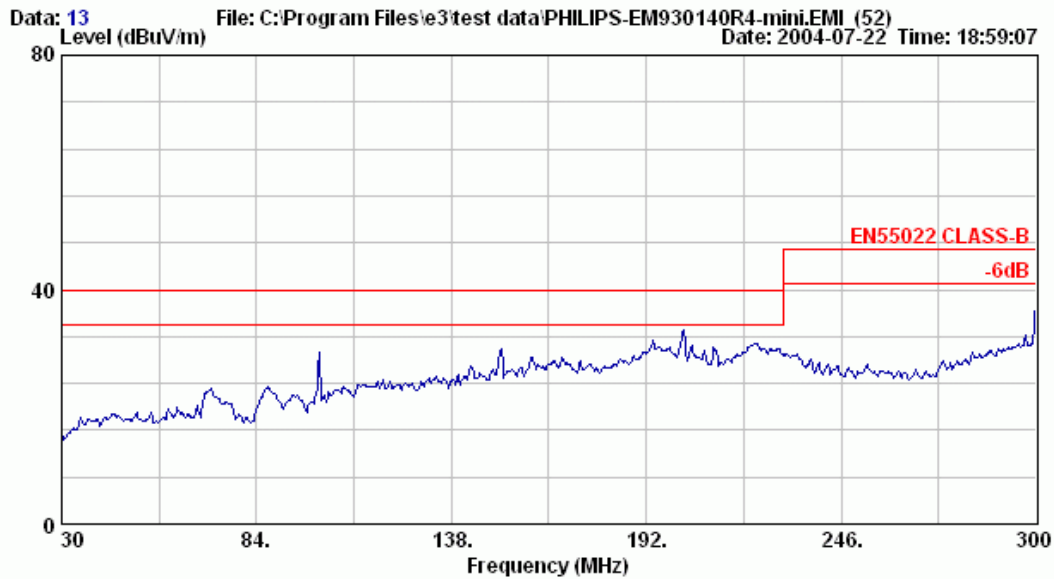
Site no.	: AUDIX Mini Chamber	Data no.	: 1
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (D-SUB)		



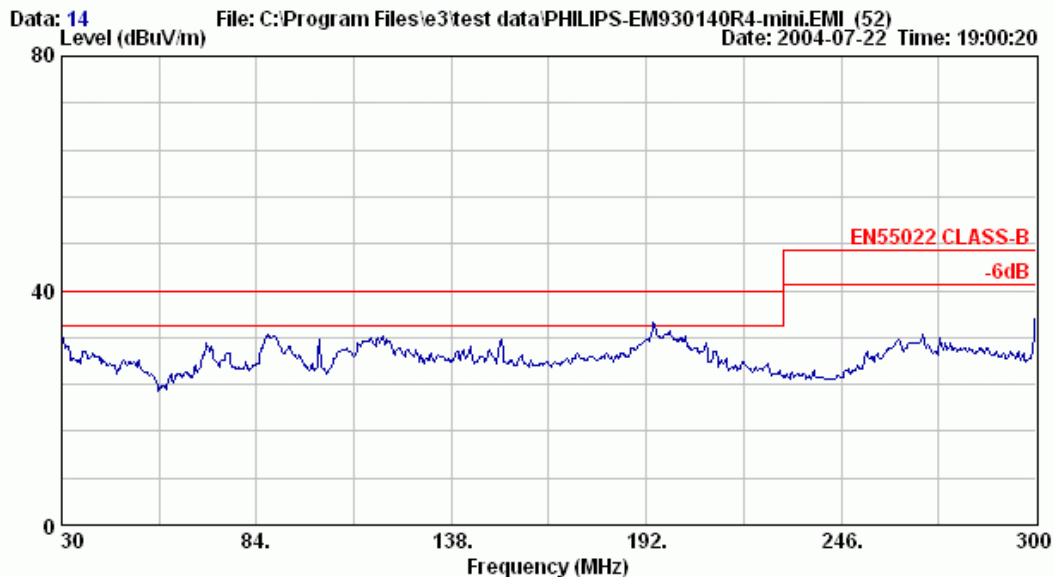
Site no.	: AUDIX Mini Chamber	Data no.	: 2
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (D-SUB)		



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



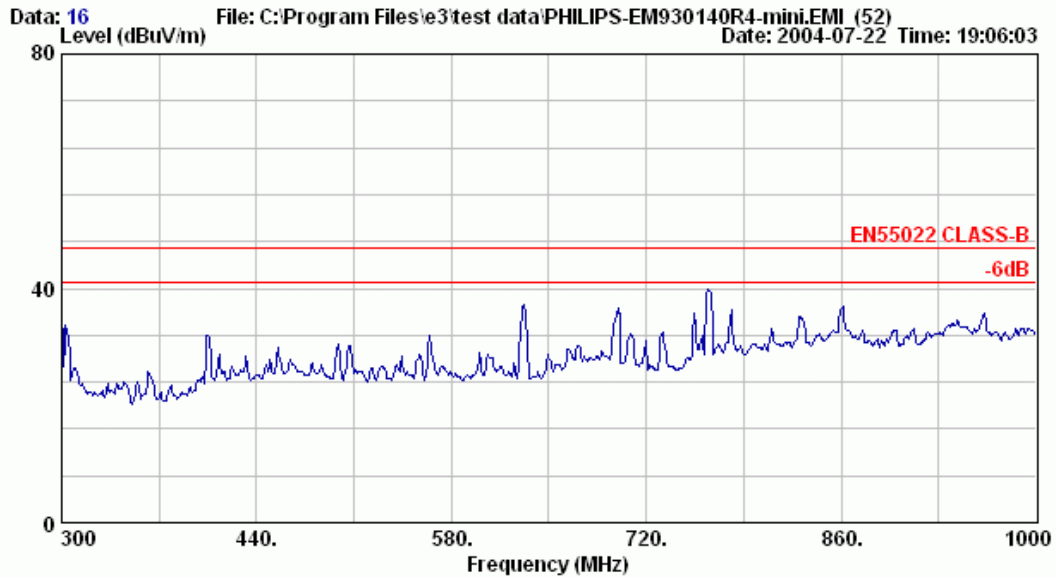
Site no. : AUDIX Mini Chamber Data no. : 13
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C,61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz (DVI)



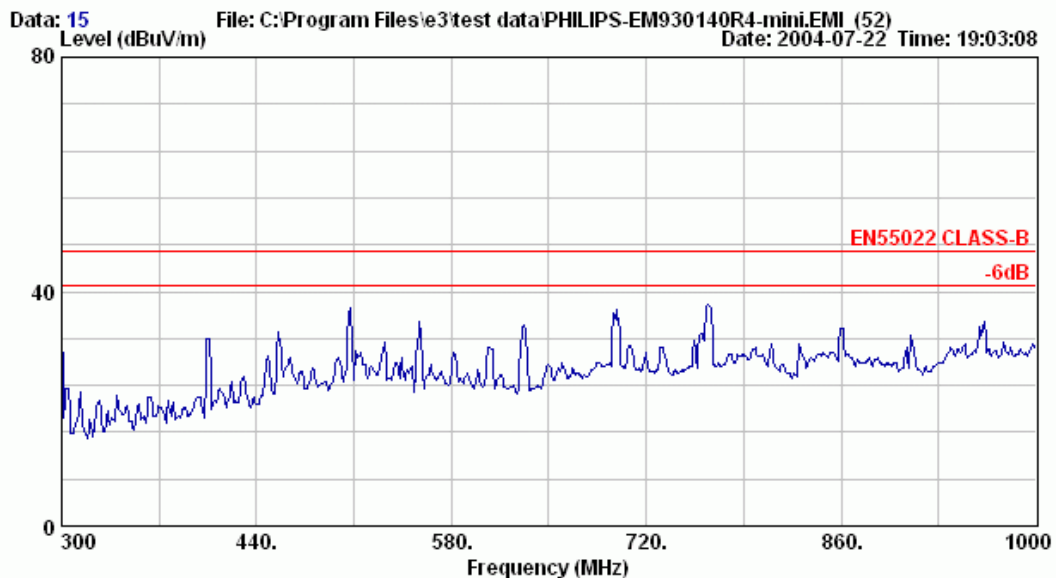
Site no. : AUDIX Mini Chamber Data no. : 14
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C,61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 640*480/60Hz 31KHz (DVI)



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



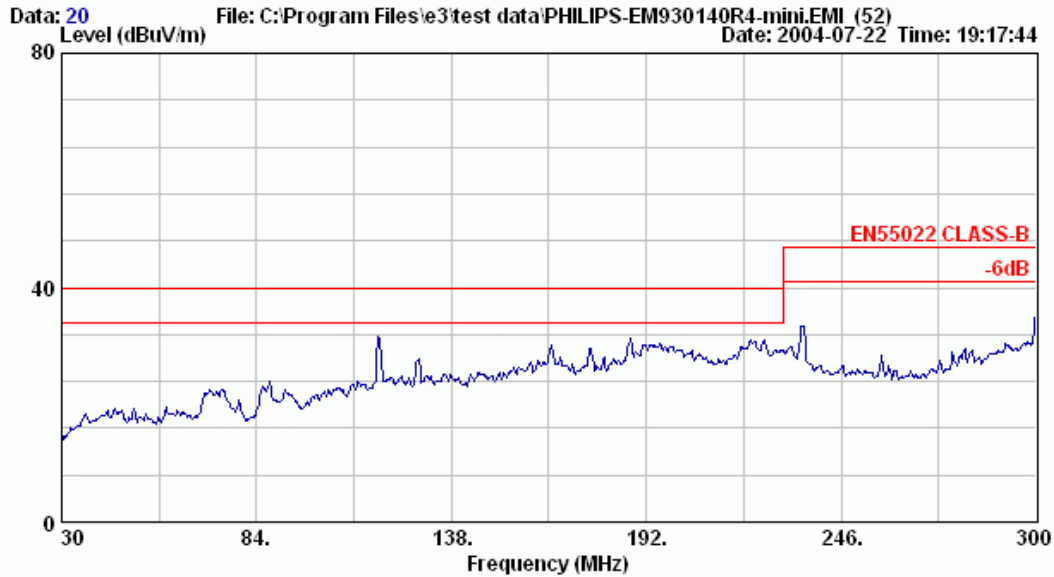
Site no.	: AUDIX Mini Chamber	Data no.	: 16
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (DVI)		



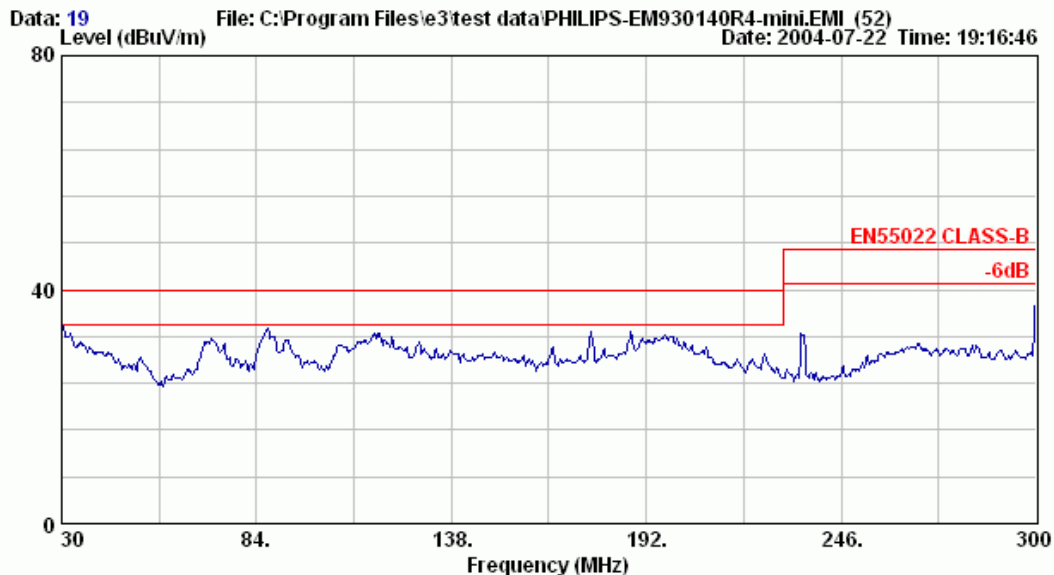
Site no.	: AUDIX Mini Chamber	Data no.	: 15
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (DVI)		



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Site no. : AUDIX Mini Chamber Data no. : 20
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C,61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (DVI)

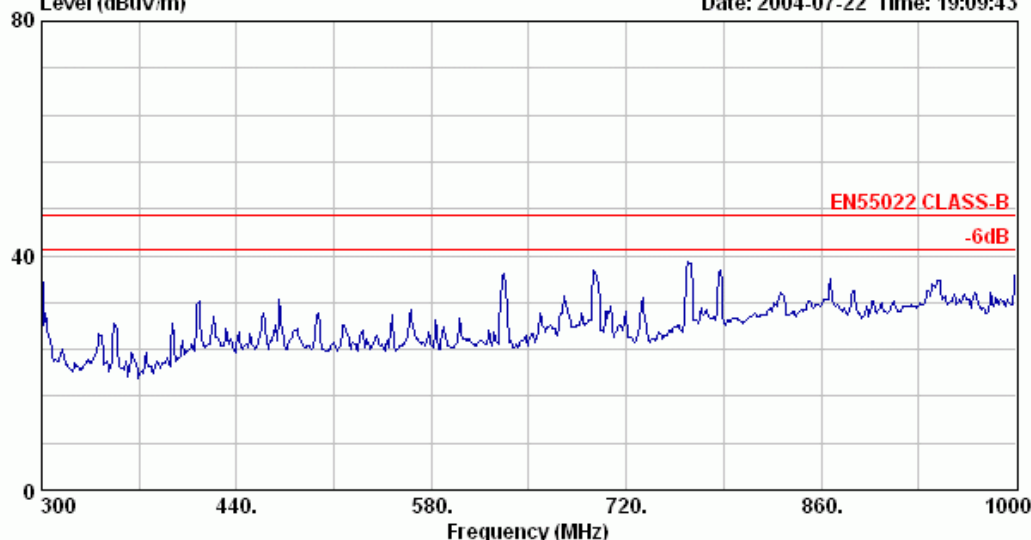


Site no. : AUDIX Mini Chamber Data no. : 19
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C,61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (DVI)



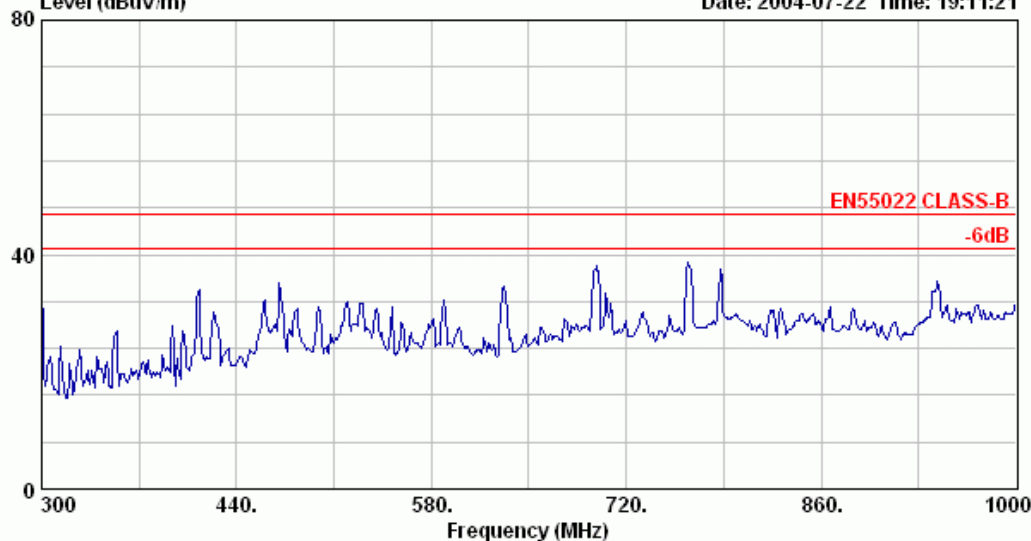
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 17 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-22 Time: 19:09:43
Level (dBuV/m)



Site no.	: AUDIX Mini Chamber	Data no.	: 17
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (DVI)		

Data: 18 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-22 Time: 19:11:21
Level (dBuV/m)

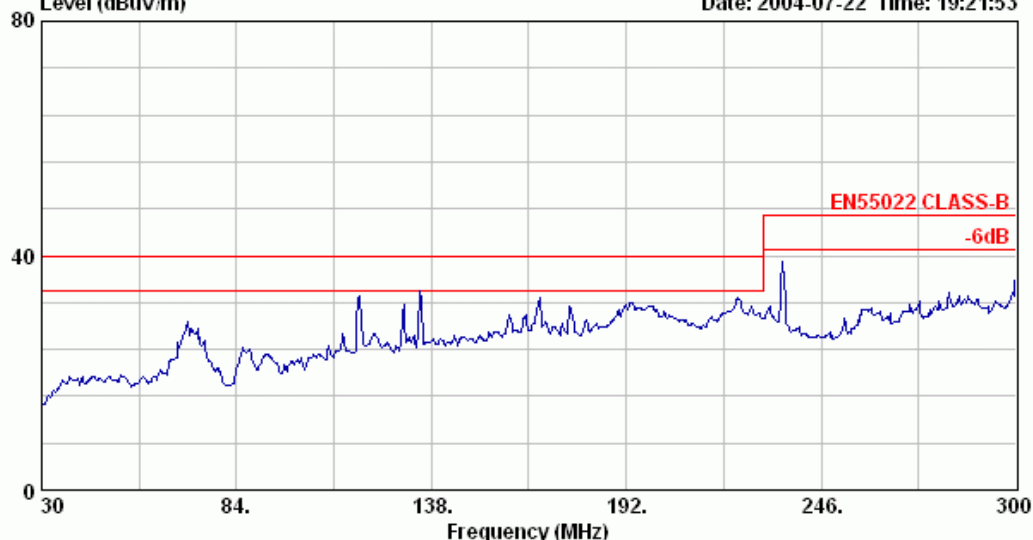


Site no.	: AUDIX Mini Chamber	Data no.	: 18
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (DVI)		



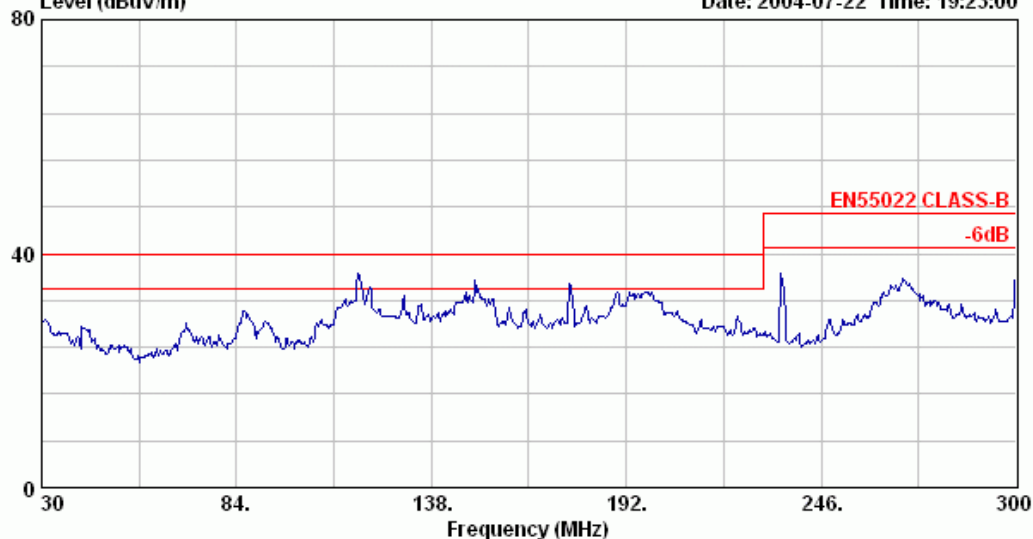
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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 21 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-22 Time: 19:21:53



Site no. : AUDIX Mini Chamber Data no. : 21
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)

Data: 22 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-22 Time: 19:23:00

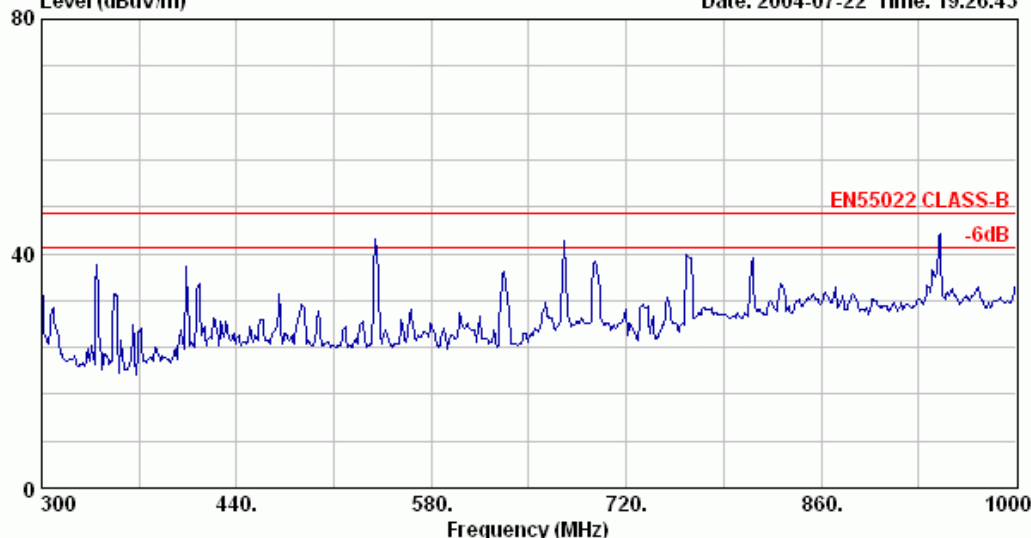


Site no. : AUDIX Mini Chamber Data no. : 22
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)



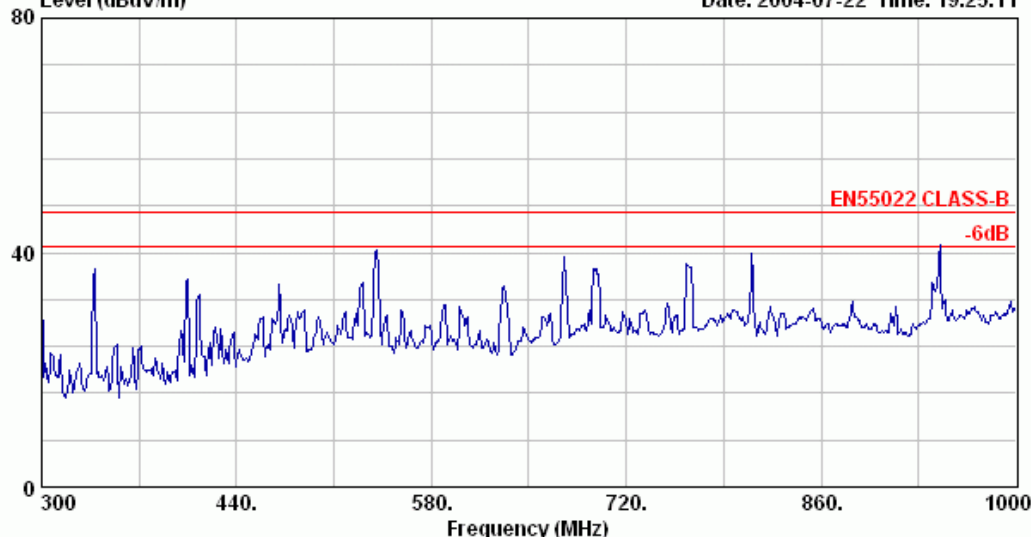
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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 24 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-22 Time: 19:26:43
Level (dBuV/m)



Site no.	: AUDIX Mini Chamber	Data no.	: 24
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (DVI)		

Data: 23 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-22 Time: 19:25:11
Level (dBuV/m)



Site no.	: AUDIX Mini Chamber	Data no.	: 23
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 25C, 61% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190P5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (DVI)		



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 25 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-22 Time: 19:27:33

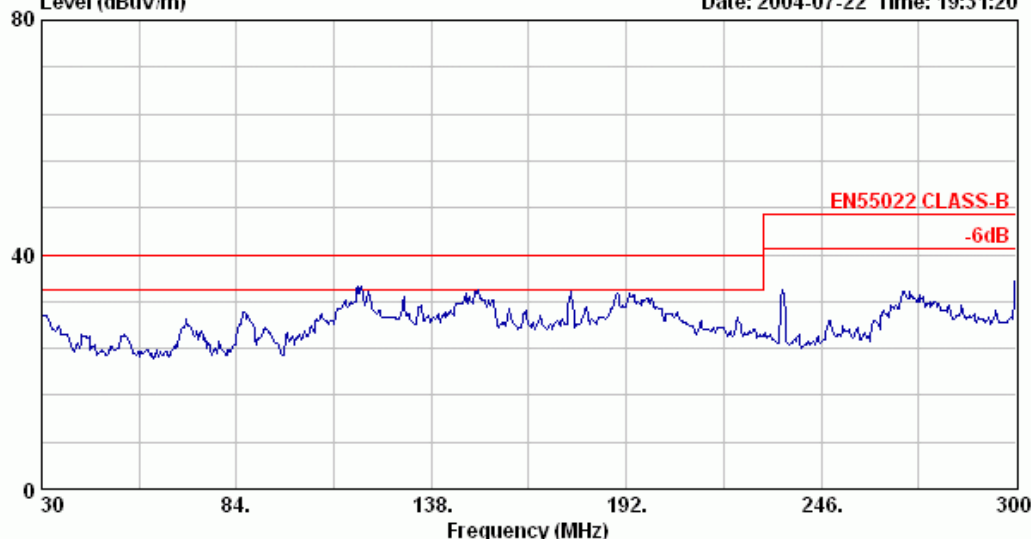


Site no. : AUDIX Mini Chamber Data no. : 25
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*1280/60Hz (DVI) + ROTATE



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 26 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-22 Time: 19:31:20

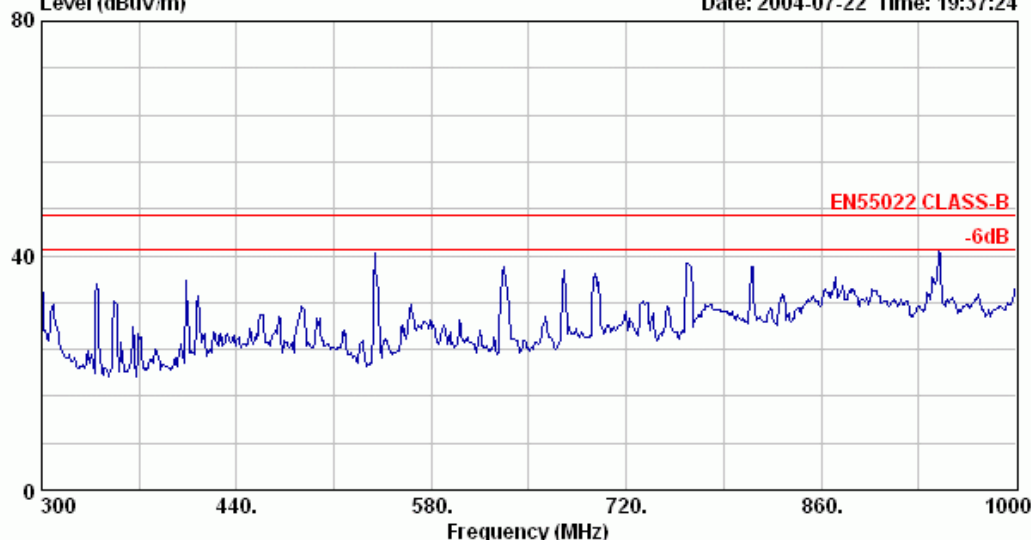


Site no. : AUDIX Mini Chamber Data no. : 26
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*1280/60Hz (DVI) + ROTATE



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 28 File: C:\Program Files\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-22 Time: 19:37:24

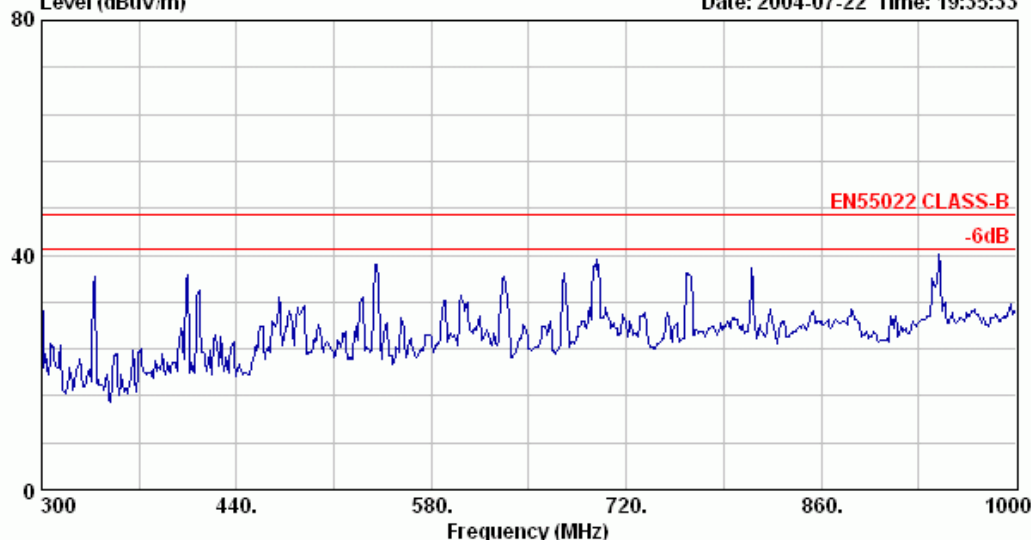


Site no. : AUDIX Mini Chamber Data no. : 28
Dis. / Ant. : 3m UPA6109(1048) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*1280/60Hz (DVI) + ROTATE



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No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 27 File: C:\Program Files\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-22 Time: 19:35:33

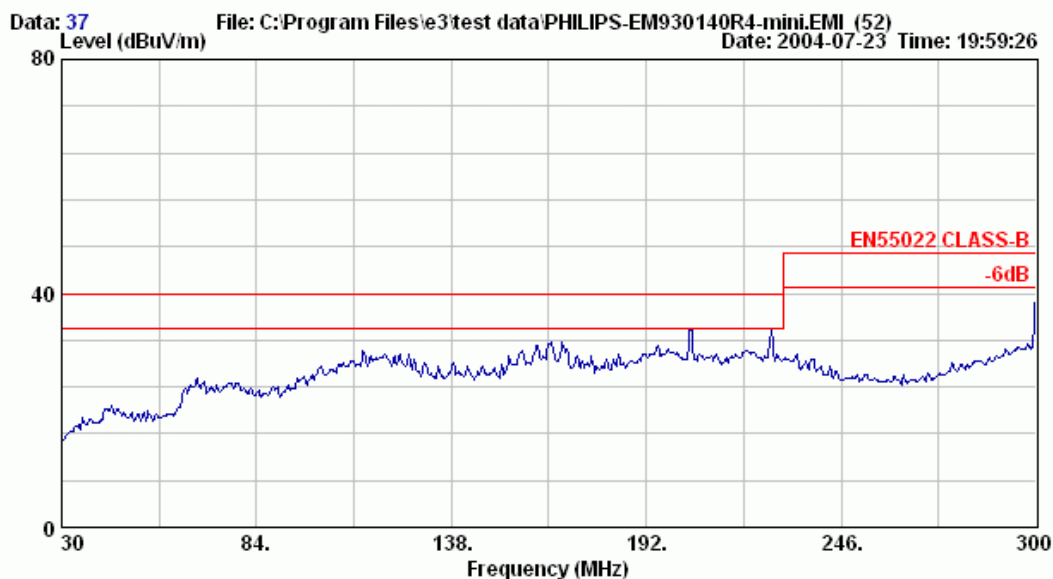


Site no. : AUDIX Mini Chamber Data no. : 27
Dis. / Ant. : 3m UPA6109(1048) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 25C, 61% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190P5
Power Rating : 120V/60Hz
Test Mode : 1024*1280/60Hz (DVI) + ROTATE

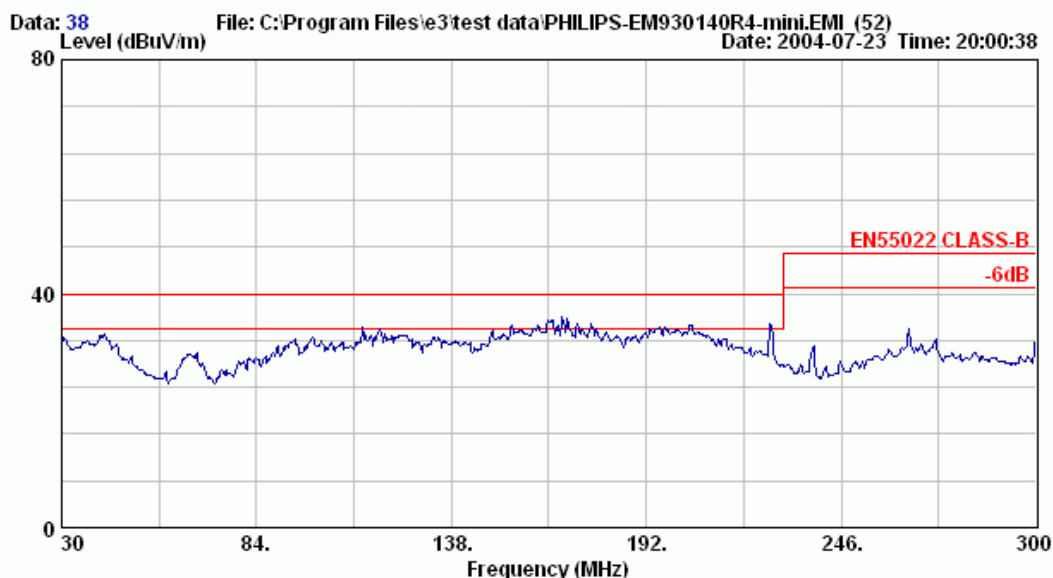
《M/N 190X5》



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Site no.	: AUDIX Mini Chamber	Data no.	: 37
Dis. / Ant.	: 3m VBA6106A(1264)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		

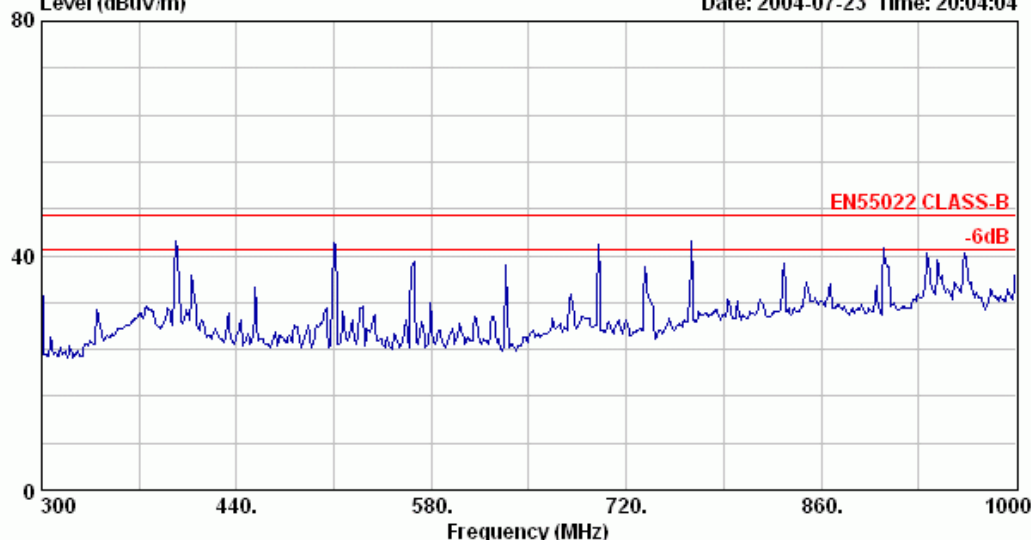


Site no.	: AUDIX Mini Chamber	Data no.	: 38
Dis. / Ant.	: 3m VBA6106A(1264)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		



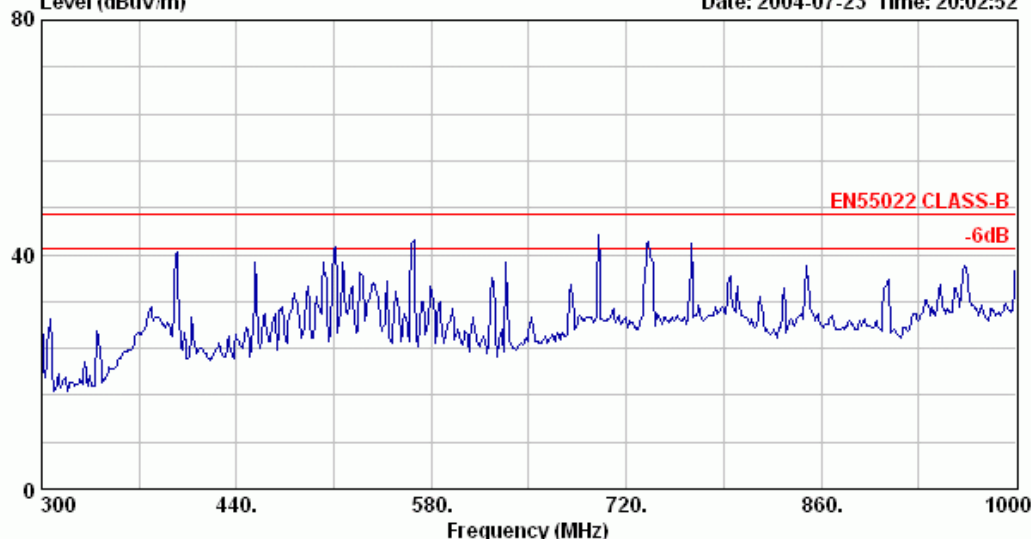
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@temc.com.tw

Data: 40 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:04:04



Site no.	: AUDIX Mini Chamber	Data no.	: 40
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		

Data: 39 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:02:52

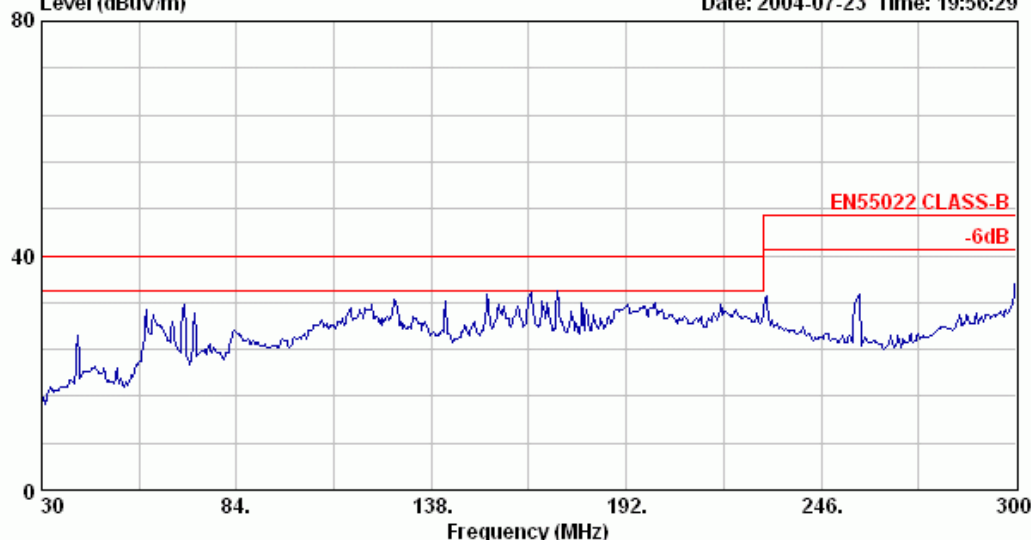


Site no.	: AUDIX Mini Chamber	Data no.	: 39
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (D-SUB)		



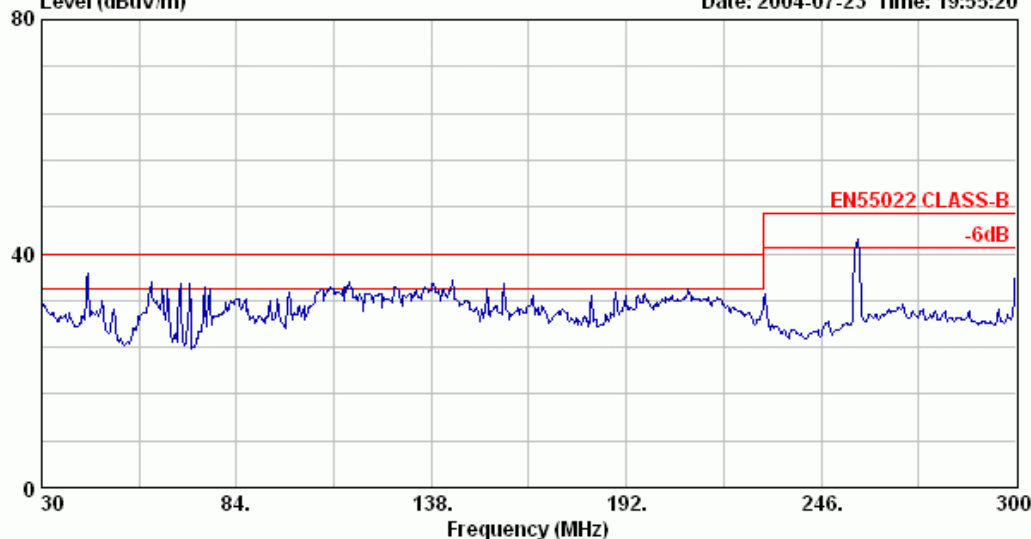
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 36 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:56:29



Site no. : AUDIX Mini Chamber Data no. : 36
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C, 58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (D-SUB)

Data: 35 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:55:20

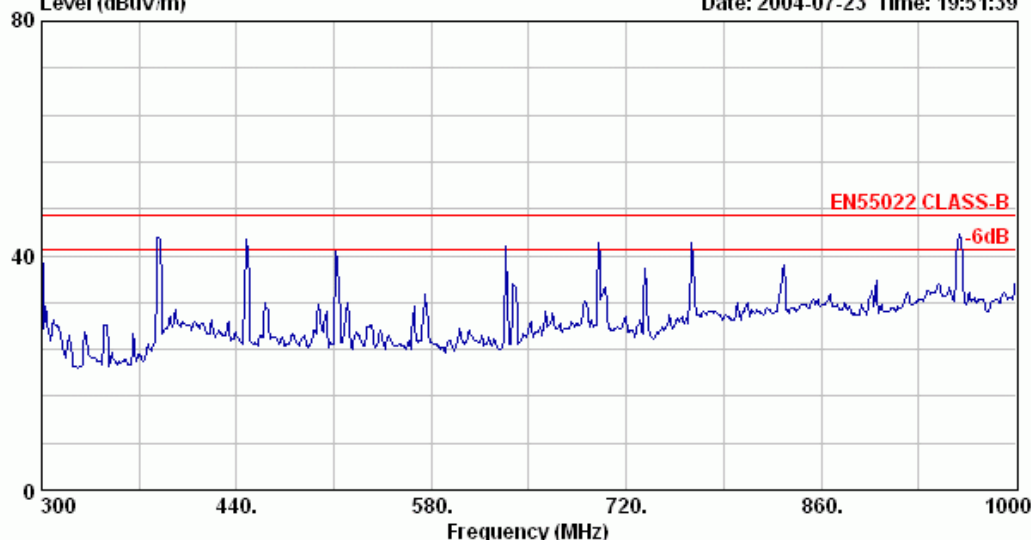


Site no. : AUDIX Mini Chamber Data no. : 35
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C, 58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (D-SUB)



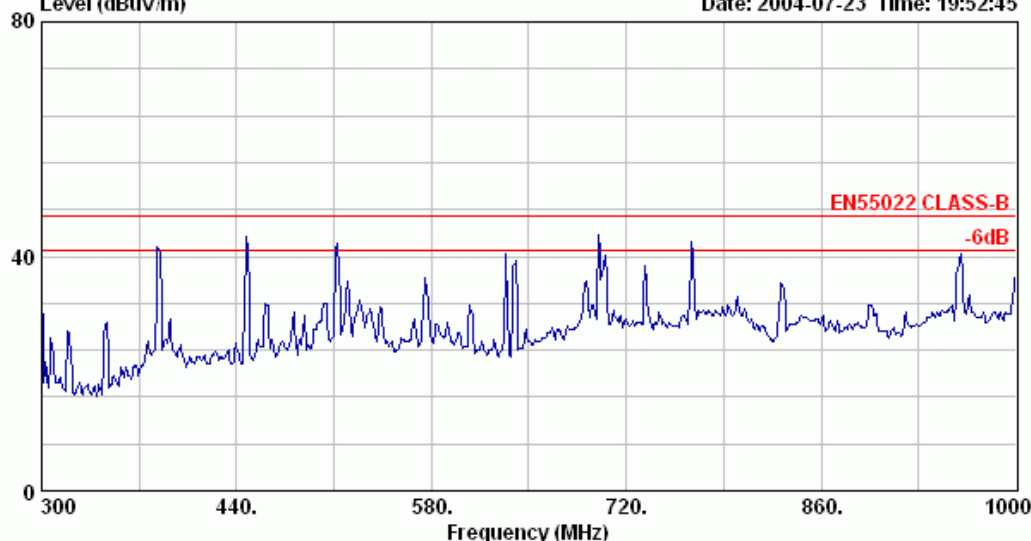
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:temc@temc.com.tw

Data: 33 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:51:39



Site no.	: AUDIX Mini Chamber	Data no.	: 33
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (D-SUB)		

Data: 34 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:52:45



Site no.	: AUDIX Mini Chamber	Data no.	: 34
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (D-SUB)		



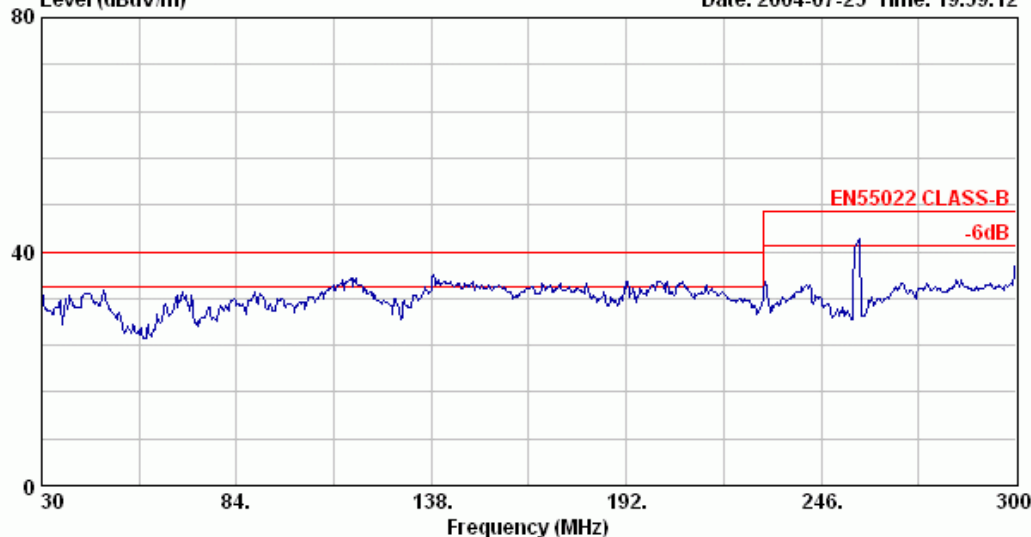
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 30 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:42:30



Site no. : AUDIX Mini Chamber Data no. : 30
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C,58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-SUB)

Data: 29 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:39:12

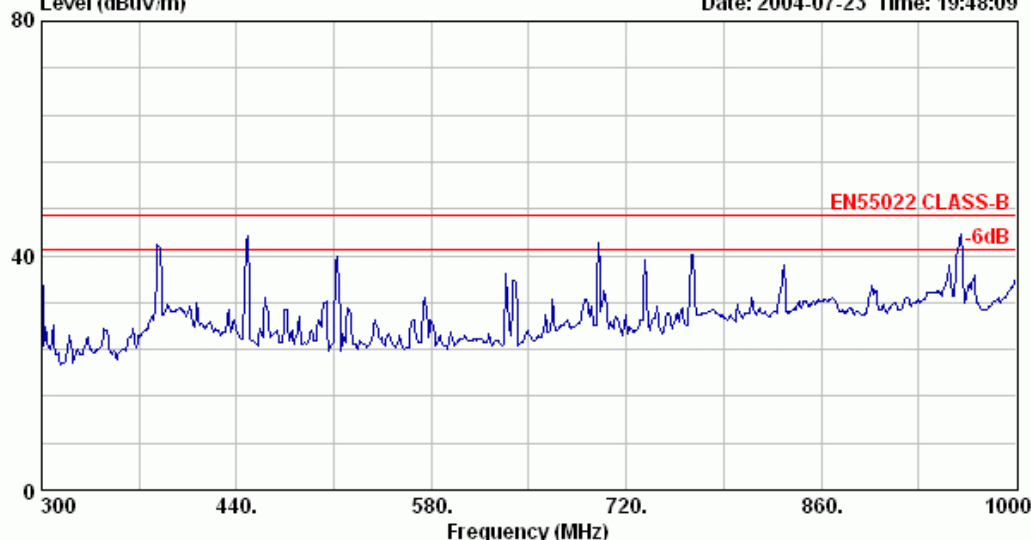


Site no. : AUDIX Mini Chamber Data no. : 29
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C,58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (D-SUB)



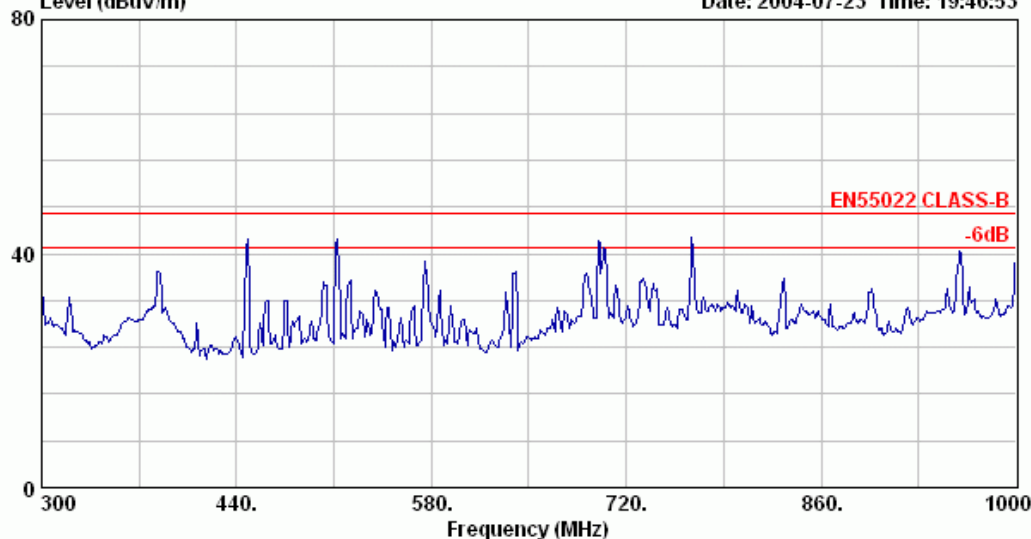
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 32 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:48:09



Site no.	: AUDIX Mini Chamber	Data no.	: 32
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (D-SUB)		

Data: 31 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 19:46:53

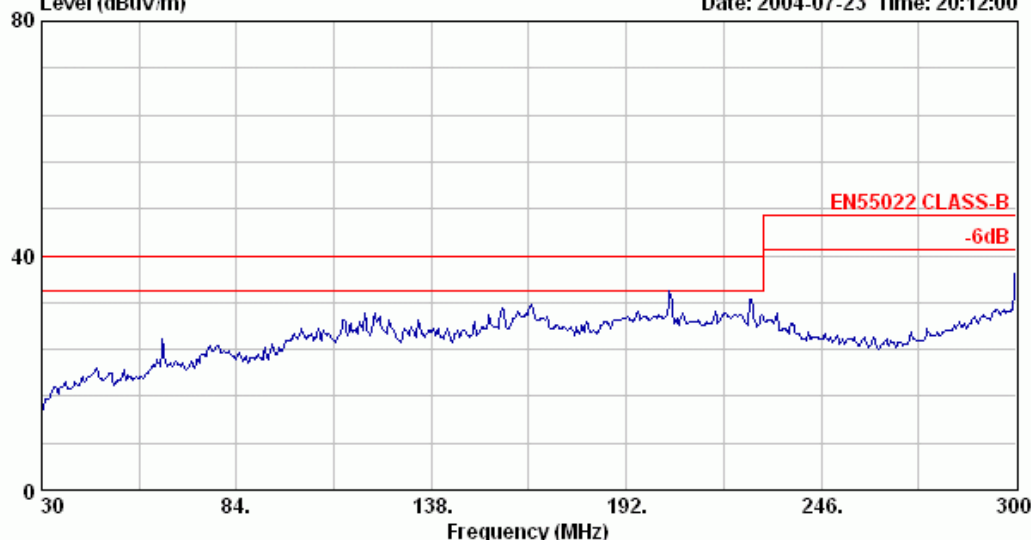


Site no.	: AUDIX Mini Chamber	Data no.	: 31
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (D-SUB)		



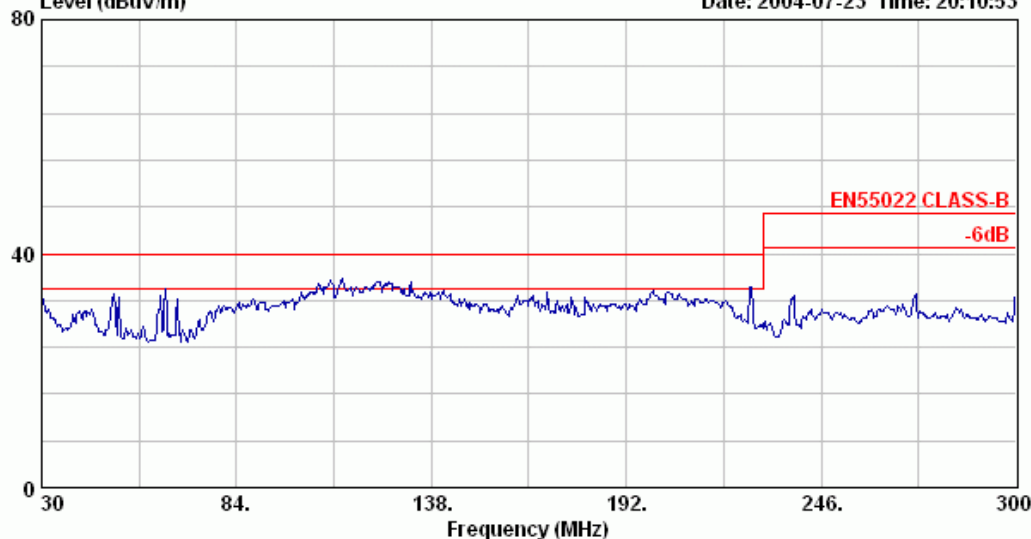
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 44 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:12:00



Site no.	: AUDIX Mini Chamber	Data no.	: 44
Dis. / Ant.	: 3m VBA6106A(1264)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (DVI)		

Data: 43 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:10:53

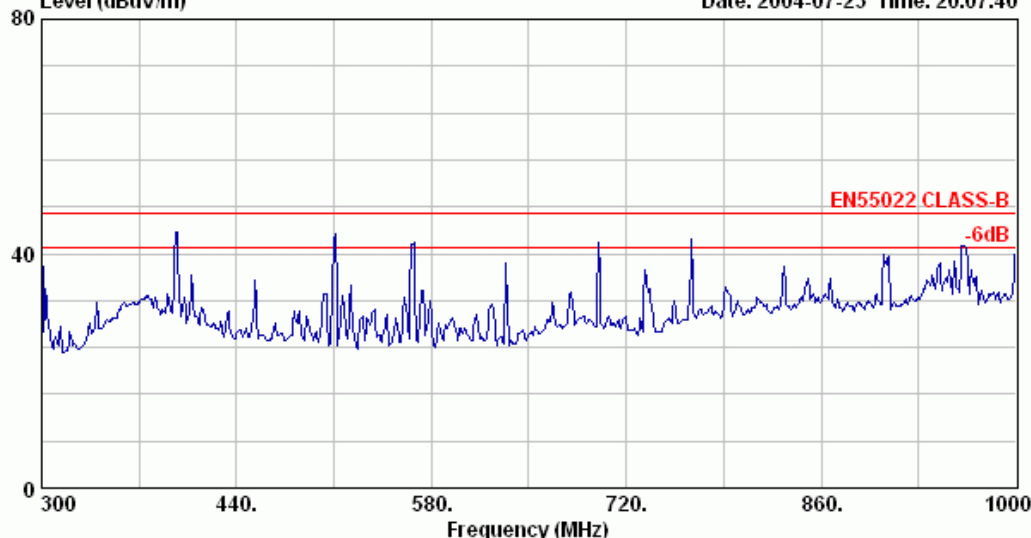


Site no.	: AUDIX Mini Chamber	Data no.	: 43
Dis. / Ant.	: 3m VBA6106A(1264)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (DVI)		



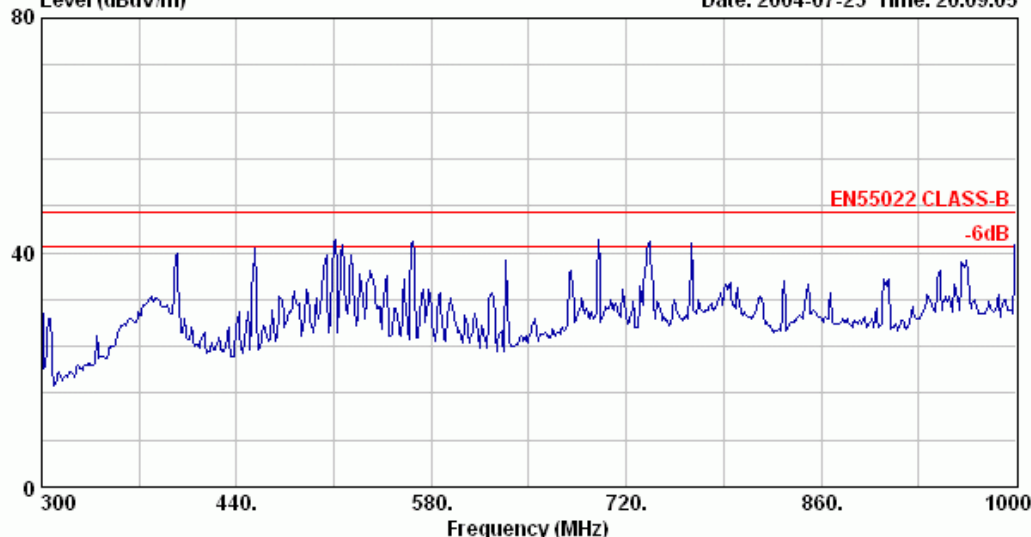
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 41 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:07:40



Site no.	: AUDIX Mini Chamber	Data no.	: 41
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (DVI)		

Data: 42 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:09:05

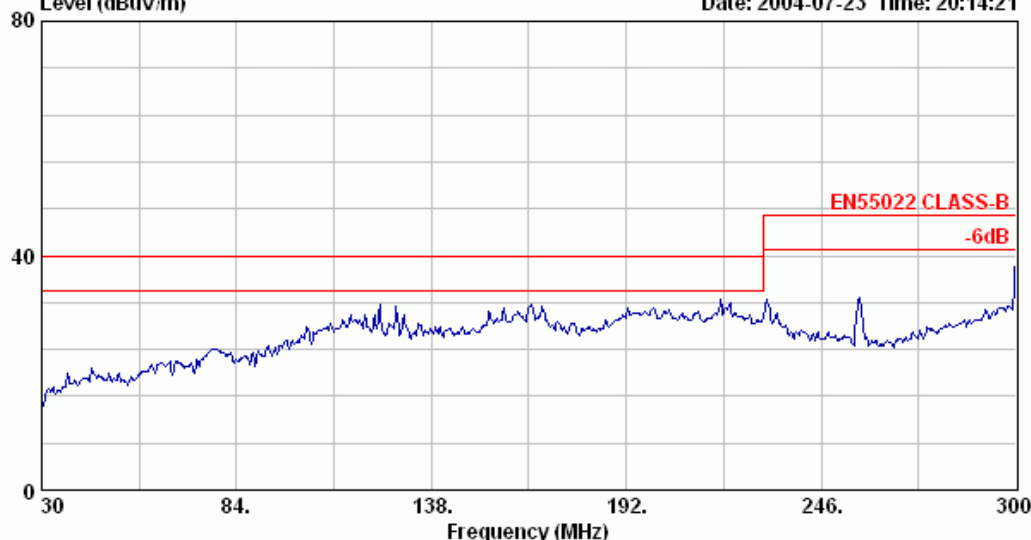


Site no.	: AUDIX Mini Chamber	Data no.	: 42
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 640*480/60Hz 31KHz (DVI)		



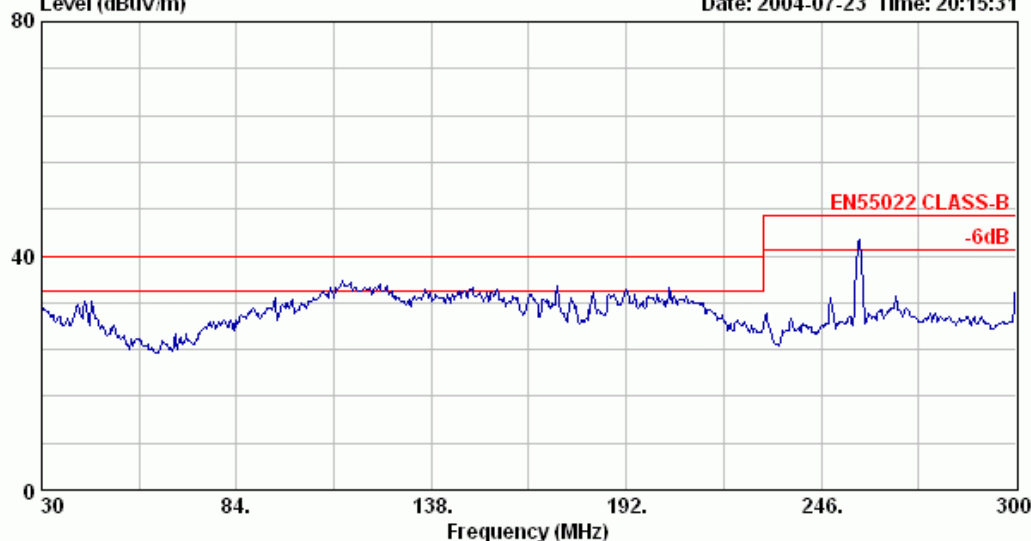
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 45 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-23 Time: 20:14:21



Site no. : AUDIX Mini Chamber Data no. : 45
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C,58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (DVI)

Data: 46 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-23 Time: 20:15:31

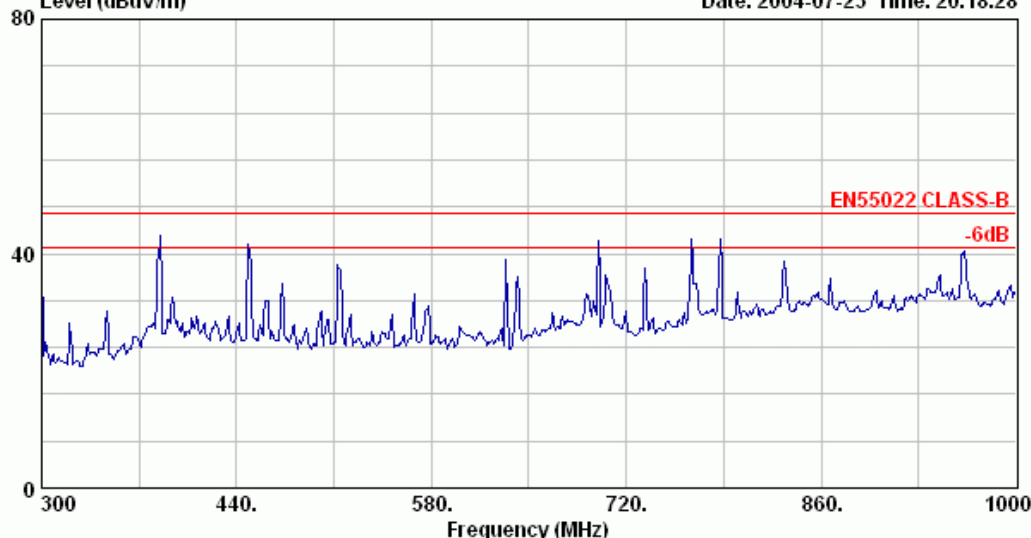


Site no. : AUDIX Mini Chamber Data no. : 46
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C,58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1024*768/75Hz 60KHz (DVI)



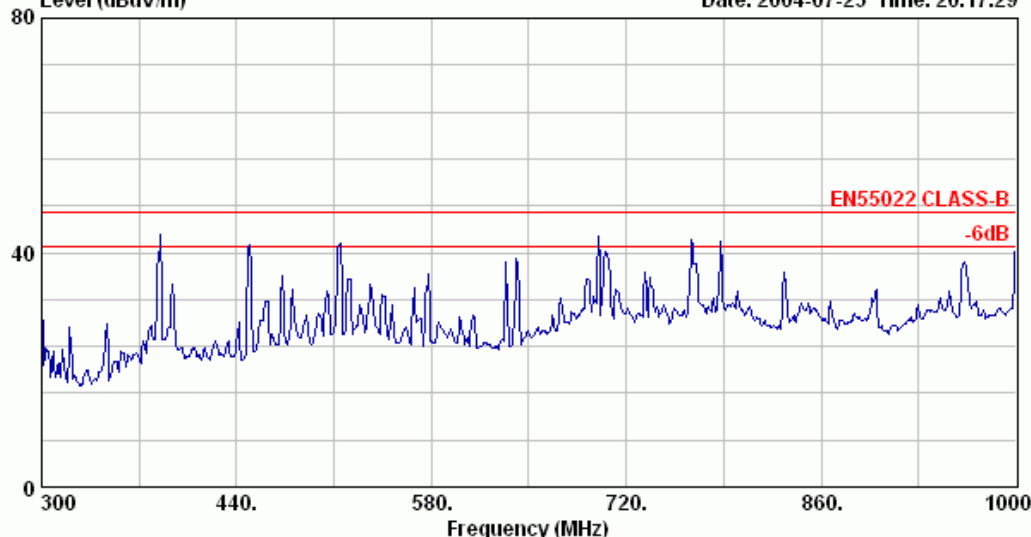
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 48 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:18:28



Site no.	: AUDIX Mini Chamber	Data no.	: 48
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (DVI)		

Data: 47 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:17:29

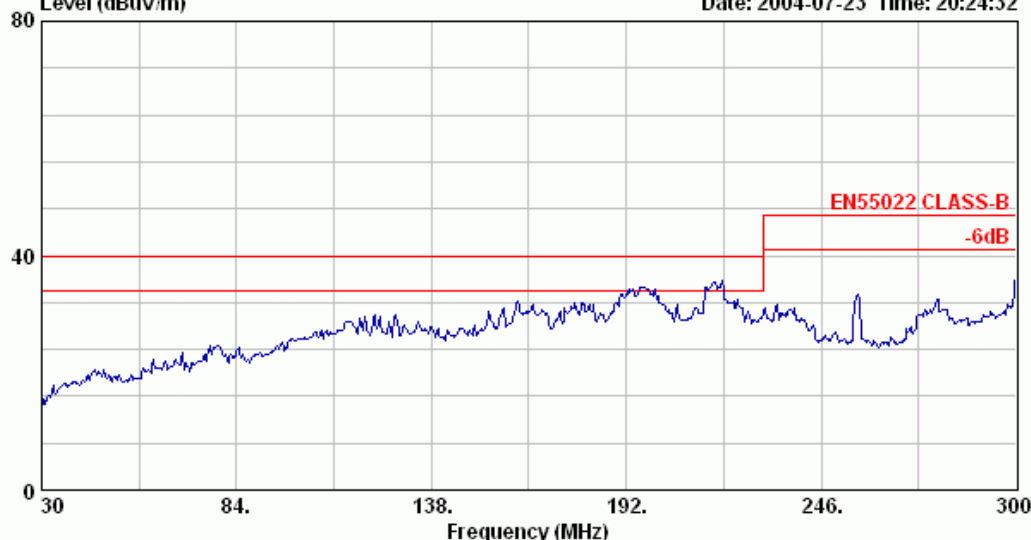


Site no.	: AUDIX Mini Chamber	Data no.	: 47
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C,58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1024*768/75Hz 60KHz (DVI)		



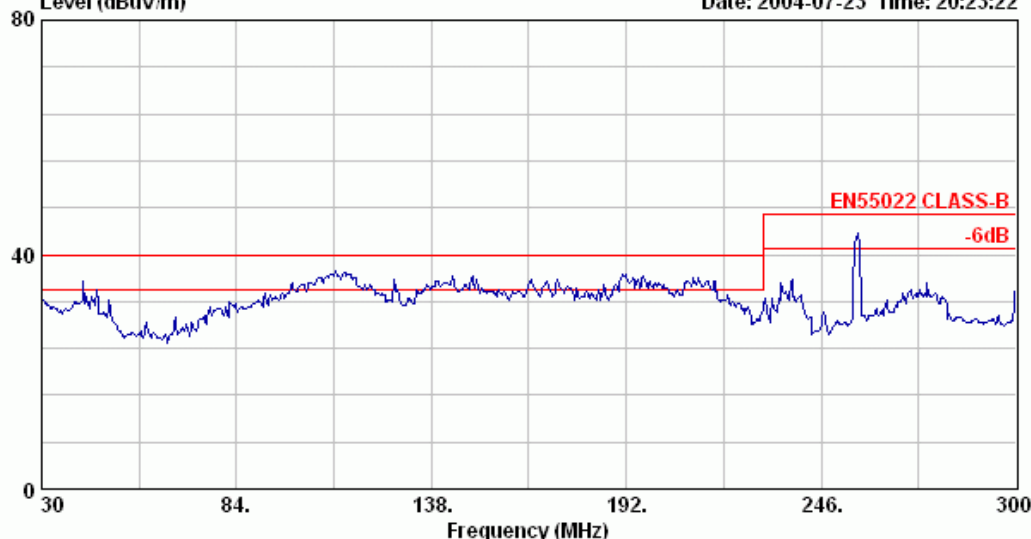
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 52 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:24:32



Site no. : AUDIX Mini Chamber Data no. : 52
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : HORIZONTAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C,58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)

Data: 51 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52)
Level (dBuV/m) Date: 2004-07-23 Time: 20:23:22

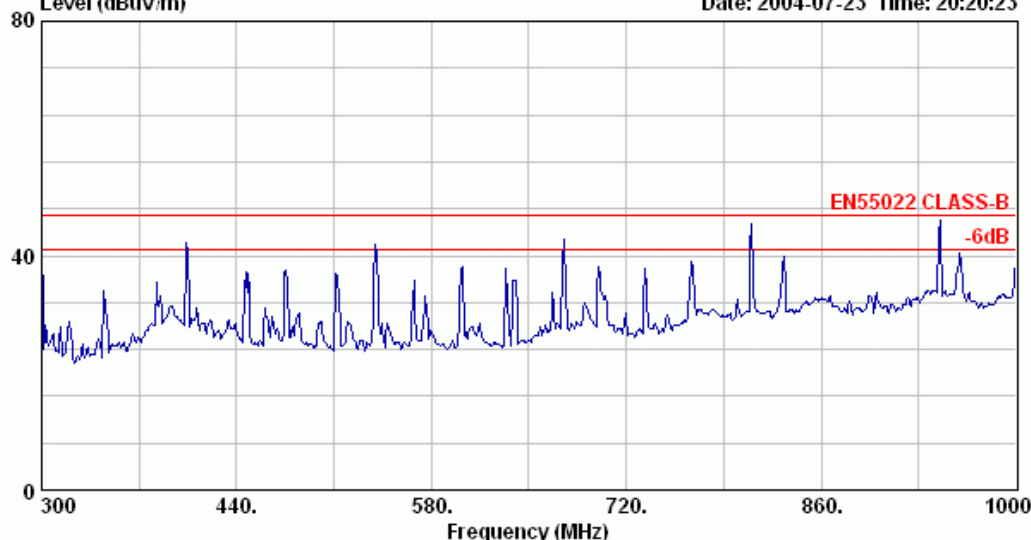


Site no. : AUDIX Mini Chamber Data no. : 51
Dis. / Ant. : 3m VBA6106A(1264) Ant. pol. : VERTICAL
Limit : EN55022 CLASS-B
Env. / Ins. : 26C,58% / Agilent E7405A Engineer : JASON_LIN
EUT : COLOR MONITOR M/N:190X5
Power Rating : 120V/60Hz
Test Mode : 1280*1024/75Hz 80KHz (DVI)



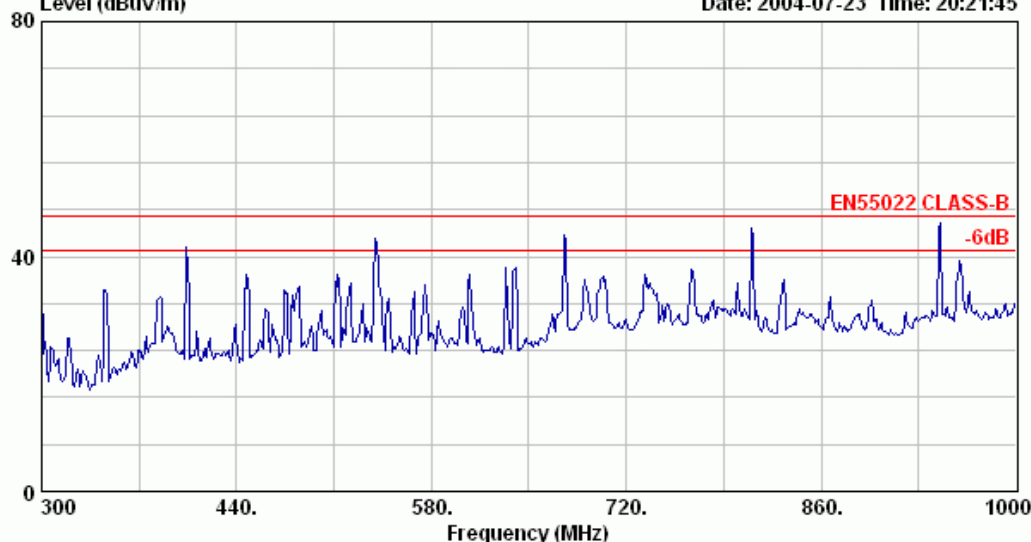
AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 49 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-23 Time: 20:20:23
Level (dBuV/m)



Site no.	: AUDIX Mini Chamber	Data no.	: 49
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: HORIZONTAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (DVI)		

Data: 50 File: C:\Program Files\ie3\test data\PHILIPS-EM930140R4-mini.EMI (52) Date: 2004-07-23 Time: 20:21:45
Level (dBuV/m)



Site no.	: AUDIX Mini Chamber	Data no.	: 50
Dis. / Ant.	: 3m UPA6109(1048)	Ant. pol.	: VERTICAL
Limit	: EN55022 CLASS-B		
Env. / Ins.	: 26C, 58% / Agilent E7405A	Engineer	: JASON_LIN
EUT	: COLOR MONITOR M/N:190X5		
Power Rating	: 120V/60Hz		
Test Mode	: 1280*1024/75Hz 80KHz (DVI)		