

APPLICATION FOR CERTIFICATION
On Behalf of

Philips Electronics Industries (Taiwan) Ltd.
LCD TV

Model No. : 15MF605T

Brand : Philips Magnavox

FCC ID: A3KM135

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,
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Date of Test : Dec. 17, 2004
Date of Report : Dec. 20, 2004

TABLE OF CONTENTS

Description	Page
Test Report Certification.....	3
1. GENERAL INFORMATION	4
1.1. Description of Device (EUT).....	4
1.2. Tested Supporting System Details	5
1.3. Test Facility	7
1.4. Measurement Uncertainty	7
2. CONDUCTED DISTURBANCE MEASUREMENT	8
2.1. Test Equipment	8
2.2. Block Diagram of Test Setup.....	8
2.3. Conducted Powerline Emission Limit (§15.107, Class B)	8
2.4. EUT's Configuration during Compliance Measurement	9
2.5. Operating Condition of EUT	10
2.6. Test Procedure	10
2.7. Line Conducted RF Voltage Measurement Results	11
3. RADIATED DISTURBANCE MEASUREMENT	28
3.1. Test Equipment	28
3.2. Block Diagram of Test Setup.....	28
3.3. Radiation Limit (§15.109/CISPR 22, Class B)	29
3.4. EUT's Configuration during Compliance Measurement	29
3.5. Operating Condition of EUT	29
3.6. Test Procedure	30
3.7. Radiated Emission Measurement Results	30
4. DEVIATION TO TEST SPECIFICATIONS.....	47
5. PHOTOGRAPHS.....	48
5.1. Photos of Powerline Conducted Measurement	48
5.2. Photos of Radiated Measurement at Open Area Test Site	50

TEST REPORT CERTIFICATION

Applicant : Philips Electronics Industries (Taiwan) Ltd.
 Manufacturer : Philips Electronics Industries (Taiwan) Ltd.
 Factory : Philips Consumer Electronics Co., of Suzhou Ltd.
 EUT Description : LCD TV
 FCC ID : A3KM135
 (A) MODEL NO. : 15MF605T
 (B) SERIAL NO. : (1)TY0404727 (2)TY0404729
 (C) BRAND NAME : Philips Magnavox
 (D) POWER SUPPLY : 16VDC — , 2.5A
 (E) TEST VOLTAGE : AC 120V/60Hz (Via Power Adapter)

Measurement Standards and Methods Used :

FCC CFR 47 Part15 / Jul. 2004 and CISPR 22/1997 and ANSI C63.4-2003

The device described above was tested by AUDIX CORPORATION to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 Subpart B with the provisions of section §15.107 (a) and § 15.109 (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 : Dec. 17 , 2004

Prepared by : Julie Hsu Dec 22, 2004
 (Julie Hsu/Assistant Administrator)

Test Engineer : Ben Cheng Dec 23, 2004
 (Ben Cheng/Section Manager)

Approve & Authorized Signer : Leon Liu Dec. 23 2004
 (Leon Liu/Senior Manager)

Name of the Representative of the Responsible Party :

Signature : _____

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	LCD TV (The TV Tuner & AV Functions & HD Functions are not available in this test report)
Model Number	:	15MF605T
Serial Number	:	(1)TY0404727 (2)TY0404729
FCC ID.	:	A3KM135
Brand	:	Philips Magnavox
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 Rd, Chungli Ind. Park, Chungli, Taoyuan Hsien, Taiwan, R.O.C.
Factory	:	Philips Consumer Electronics Co., of Suzhou Ltd. No. 161, Zhujiang Road, New District, Suzhou 215011, PROC
LCD Panel	:	(1)AUO, Type No. T150XG01 (2)LG Philips, Type No. LC150X02
Scanning Frequency	:	Horizontal: 30-60kHz Vertical: 56-75Hz
Max Resolution	:	1024*768 / 75Hz, 60kHz
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Audio Cable	:	Non-Shielded, Detachable, 1.8m Bonded a ferrite core

Power Adapter	:	Philips, EADP-60BB B AC Input: 100-240V~ 50-60Hz, 2A DC Output: 16V, 3.75A Cable: Shielded, Undetachable, 1.8m Bonded a ferrite core
Power Cord	:	Non-Shielded, Detachable, 1.8m
Data of Receipt of Sample	:	Dec. 16, 2004
Date of Test	:	Dec. 17, 2004

1.2. Tested Supporting System Details

1.2.1. PERSONAL COMPUTER

Model Number	:	d530 CMT
Serial Number	:	SGH34105HJ
FCC ID	:	By DoC
BSMI ID	:	R33001
Manufacturer	:	HP
VGA Card	:	Nvidia FX5200
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.2. KEYBOARD

Model Number	:	KB-0133
Serial Number	:	271122-AB1
BSMI ID	:	R31310
FCC ID	:	by DoC
Manufacturer	:	COMPAQ
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.3. 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

1.2.4. PS2 MOUSE

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

1.2.5. PRINTER

Model Number	:	C2642A
Serial Number	:	TH85LIN0Y2
FCC ID	:	B94C2642X
Manufacturer	:	Hewlett Packard
Power Adapter	:	NMB, M/N C2175A
		Input Cable: Non-Shielded, Undetachable, 0.9m
		Output Cable: Non-Shielded, Detachable, 1.8m
Data Cable	:	Shielded, Detachable, 1.8m

1.2.6. MICROPHONE

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

1.2.7. WALKMAN

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

1.2.8. 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

1.2.9. EARPHONE (Link to EUT)

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

1.2.10. COLOUR TV PATTERN GENERATOR (Link to EUT)

Model Number	:	PM5515
Type Number	:	PM5515G
Manufacturer	:	Philips
Coaxial Cable	:	Shielded, Detachable, 1.5m
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.3. Test Facility

Name of Firm : Audix Corporation
Technical Division EMC Department

Location : No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
Taipei Hsien 24443, Taiwan, R.O.C.

Test Facility & Location : **No. 4 Shielded Room**
(C4/R3) **No. 3 Open Area 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

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), (V/m)
Conduction Test	150kHz~30MHz	±1.73dB
Radiation Test (Distance: 10m)	30MHz~300MHz	±2.99dB
	300MHz~1000MHz	±2.73dB

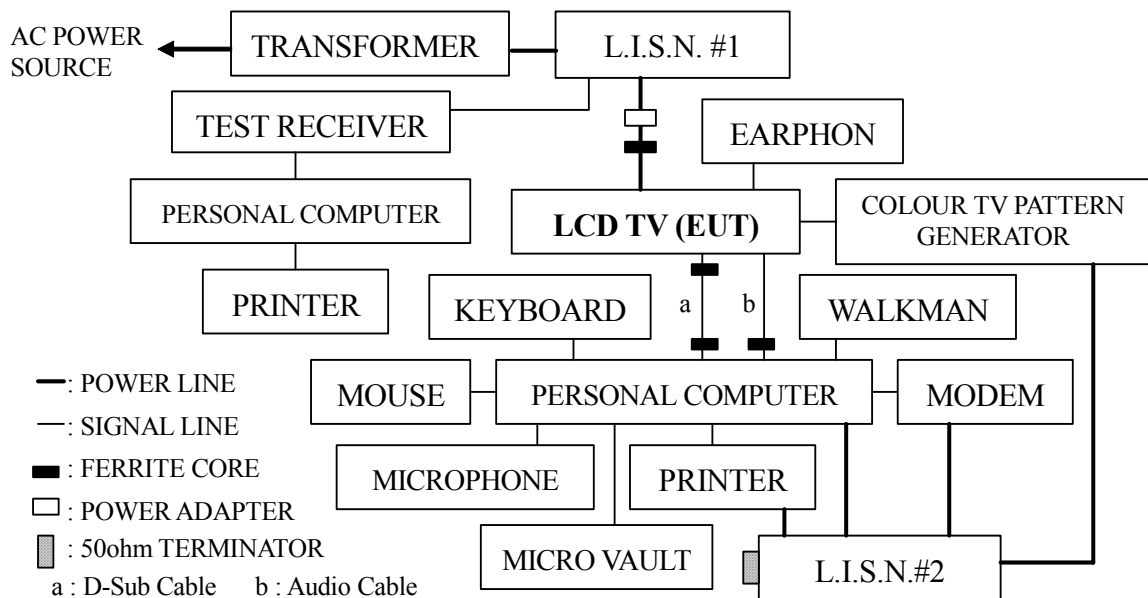
2. CONDUCTED DISTURBANCE MEASUREMENT

2.1. Test Equipment

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

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	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	Oct.06, 04'	Oct.06, 05'
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-1430-6	Oct.06, 04'	Oct.06, 05'
4.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	004	Apr.28, 04'	Apr.27, 05'

2.2. Block Diagram of Test Setup



2.3. Conducted Powerline 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. LCD TV (EUT) #1

Model Number	:	15MF605T
Serial Number	:	TY0404727
FCC ID	:	A3KM135
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd.
LCD Panel	:	AUO, Type No. T150XG01
Scanning Frequency	:	Horizontal: 30-60kHz Vertical: 56-75Hz
Max Resolution	:	1024*768 / 75Hz, 60kHz
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Power Adapter	:	Philips, EADP-60BB AC Input: 100-240V~ 50-60Hz, 2A DC Output: 16V, 3.75A Cable: Shielded, Undetachable, 1.8m Bonded a ferrite core
Power Cord	:	Non-Shielded, Detachable, 1.8m

2.4.2. LCD TV (EUT) #2

Model Number	:	15MF605T
Serial Number	:	TY0404729
FCC ID	:	A3KM135
Manufacturer	:	Philips Electronics Industries (Taiwan) Ltd.
LCD Panel	:	LG Philips, Type No. LC150X02
Scanning Frequency	:	Horizontal: 30-60kHz Vertical: 56-75Hz
Max Resolution	:	1024*768 / 75Hz, 60kHz
D-Sub Data Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
Power Adapter	:	Philips, EADP-60BB AC Input: 100-240V~ 50-60Hz, 2A DC Output: 16V, 3.75A Cable: Shielded, Undetachable, 1.8m Bonded a ferrite core
Power Cord	:	Non-Shielded, Detachable, 1.8m

2.4.3. Supporting System : As in Section 1.2

2.5. Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown on 2.2.
- 2.5.2. Turned on the power of all equipments.
- 2.5.3. Personal computer read data from disk.
- 2.5.4. The PC System running the test program "IBM H" by Windows XP and the screen of EUT displayed "H" pattern by EUT's resolution via D-Sub Input.
- 2.5.5. Set the PC System to send the "H" pattern to EUT via D-Sub Input, and send the "Color Bar" image to EUT via RF Input. The screen of EUT display "H" pattern and the "Color Bar" image at same time during PIP mode testing.
- 2.5.6. The PC System running the program "Windows Media Player" and sent the sound to earphone of EUT during all testing.
- 2.5.7. The PC System read data from FDD and then wrote data into FDD, same operation from HDD 、Modem.
- 2.5.8. The other peripheral devices were drove and operated in turn during all testing.
- 2.5.9. Repeat above procedure from 2.5.3 to 2.5.8.

2.6. Test Procedure

The EUT was connected to the power mains through a line impedance stabilization network (L.I.S.N. #1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N. #2). This provided a 50ohm 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 C63.4-2003 on conducted measurement.

The bandwidth of the R&S Test Receiver ESHS10 was set at 10kHz.

The frequency range from 150kHz to 30MHz was pre-scanned with a peak detector.

The all final readings from test receiver were measured with Quasi-Peak detector and Average detector.

2.7. Line Conducted RF Voltage Measurement Results

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

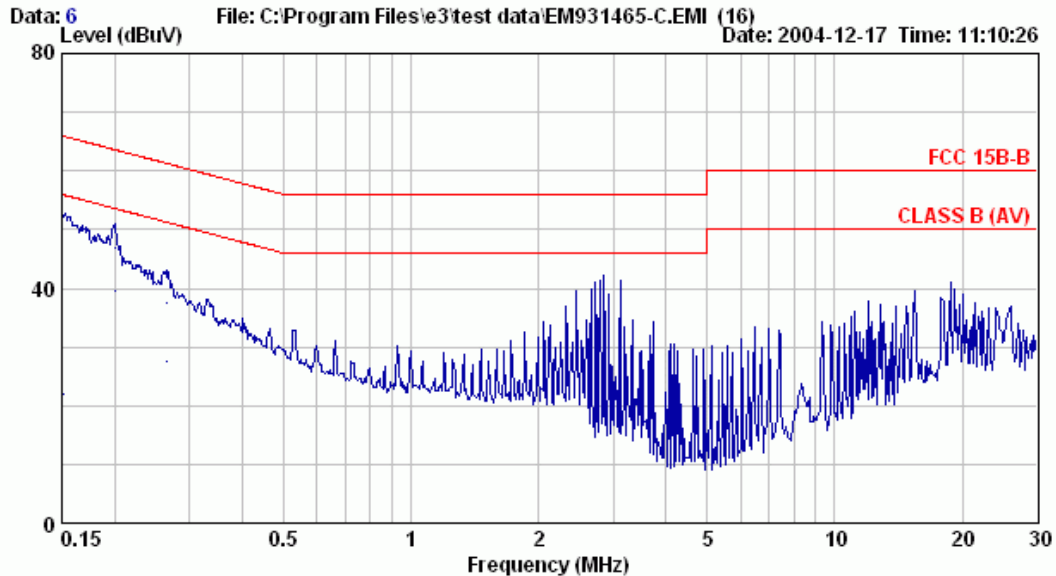
The EUT with following test modes were performed during conducted measurement and all the test results are attached next pages.

Test Date : Dec. 17, 2004 Temperature : 22°C Humidity : 56%

Mode	Serial Number	LCD Panel	Input Port	Frequency / Resolution, Image	Reference Data No.	
					Neutral	Line
1.	TY0404727	AUO, Type No: T150XG01	D-Sub	640*480/60Hz, 31kHz; H Pattern	# 6	# 5
2.				800*600/75Hz, 48kHz; H Pattern	# 3	# 4
3.				1024*768/75Hz, 60kHz; H Pattern + Image "Color Bar" (PIP Mode)	# 2	# 1
4.			D-Sub + RF	1024*768/75Hz, 60kHz; H Pattern	# 15	# 16
5.	TY0404729	LG Philips, Type No: LC150X02	D-Sub	640*480/60Hz, 31kHz; H Pattern	# 7	# 8
6.				800*600/75Hz, 48kHz; H Pattern	# 10	# 9
7.				1024*768/75Hz, 60kHz; H Pattern	# 11	# 12
8.			D-Sub + RF	1024*768/75Hz, 60kHz; H Pattern + Image "Color Bar" (PIP Mode)	# 14	# 13



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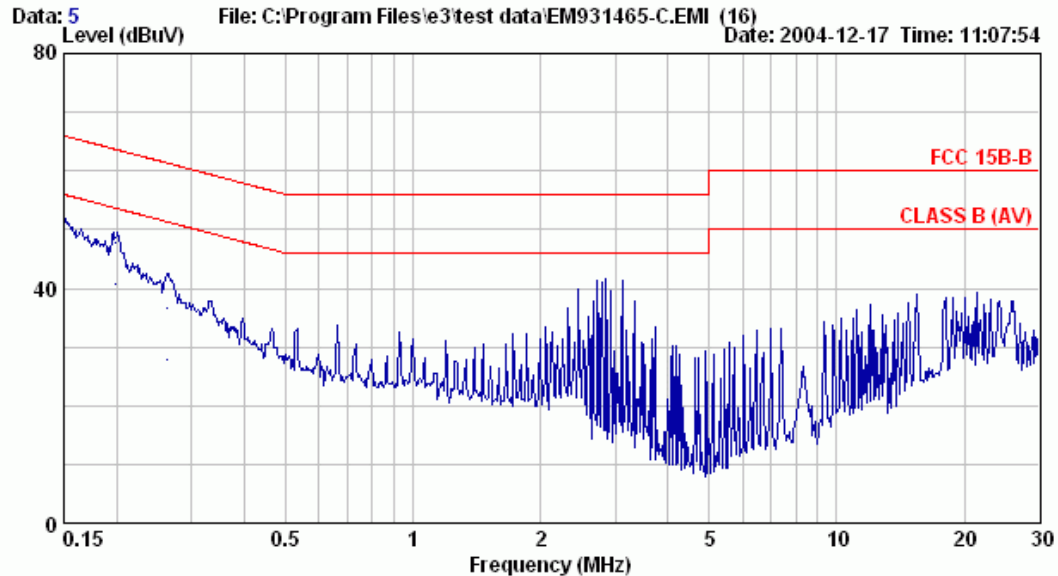
Site : No.4 Shielded Room Data : 6
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz
S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.151	0.30	0.20	44.95	45.45	65.97	20.52	QP
2	0.151	0.30	0.20	21.44	21.94	55.96	34.02	AVERAGE
3	0.200	0.20	0.21	46.62	47.03	63.59	16.57	QP
4	0.201	0.20	0.21	39.28	39.69	53.59	13.90	AVERAGE
5	0.266	0.16	0.23	36.99	37.38	61.25	23.87	QP
6	0.266	0.16	0.23	27.19	27.58	51.24	23.66	AVERAGE
7	2.461	0.10	0.50	35.07	35.67	56.00	20.33	QP
8	2.461	0.10	0.50	29.32	29.92	46.00	16.08	AVERAGE
9	2.860	0.10	0.52	39.75	40.37	56.00	15.63	QP
10	2.860	0.10	0.52	33.69	34.31	46.00	11.69	AVERAGE
11	18.752	0.28	0.70	37.79	38.77	60.00	21.23	QP
12	18.752	0.28	0.70	31.45	32.43	50.00	17.57	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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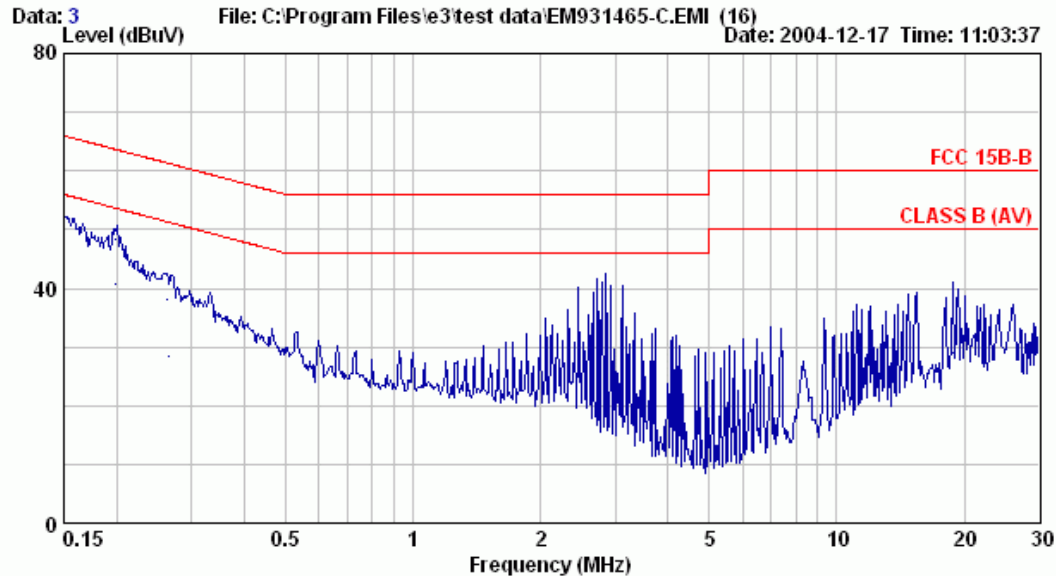
Site : No.4 Shielded Room Data : 5
Condition : KMW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz
S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	0.30	0.20	45.02	45.52	65.99	20.47	QP
2	0.150	0.30	0.20	21.50	22.00	55.98	33.98	AVERAGE
3	0.199	0.20	0.21	47.44	47.85	63.66	15.81	QP
4	0.199	0.20	0.21	40.22	40.63	53.65	13.02	AVERAGE
5	0.263	0.16	0.22	36.17	36.55	61.32	24.77	QP
6	0.264	0.16	0.22	27.41	27.79	51.31	23.52	AVERAGE
7	2.460	0.10	0.50	34.32	34.92	56.00	21.08	QP
8	2.460	0.10	0.50	29.74	30.34	46.00	15.66	AVERAGE
9	2.859	0.10	0.52	38.73	39.35	56.00	16.65	QP
10	2.859	0.10	0.52	31.88	32.50	46.00	13.50	AVERAGE
11	15.362	0.21	0.70	35.73	36.64	60.00	23.36	QP
12	15.363	0.21	0.70	29.01	29.92	50.00	20.08	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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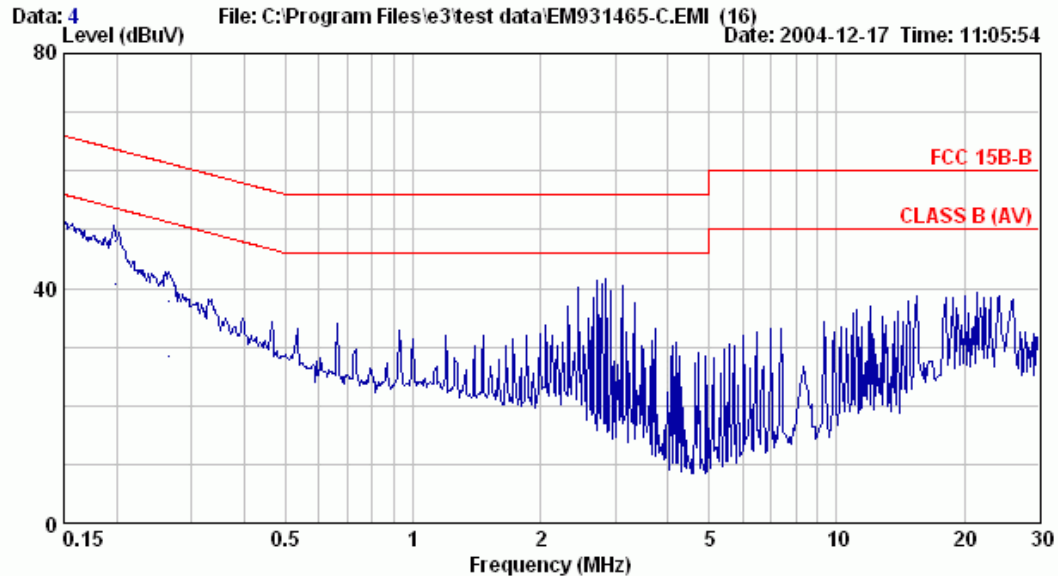
Site : No.4 Shielded Room Data : 3
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 800*600/75Hz ; 48KHz
S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	0.30	0.20	44.07	44.57	66.00	21.43	QP
2	0.150	0.30	0.20	21.06	21.56	56.00	34.44	AVERAGE
3	0.198	0.20	0.21	48.08	48.49	63.69	15.20	QP
4	0.198	0.20	0.21	40.37	40.78	53.68	12.90	AVERAGE
5	0.264	0.16	0.22	37.64	38.02	61.31	23.29	QP
6	0.264	0.16	0.23	27.95	28.34	51.30	22.97	AVERAGE
7	2.459	0.10	0.50	36.21	36.81	56.00	19.19	QP
8	2.459	0.10	0.50	30.49	31.09	46.00	14.91	AVERAGE
9	2.860	0.10	0.52	39.98	40.60	56.00	15.40	QP
10	2.860	0.10	0.52	33.78	34.40	46.00	11.60	AVERAGE
11	18.759	0.28	0.70	36.34	37.32	60.00	22.68	QP
12	18.760	0.28	0.70	28.08	29.06	50.00	20.94	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.



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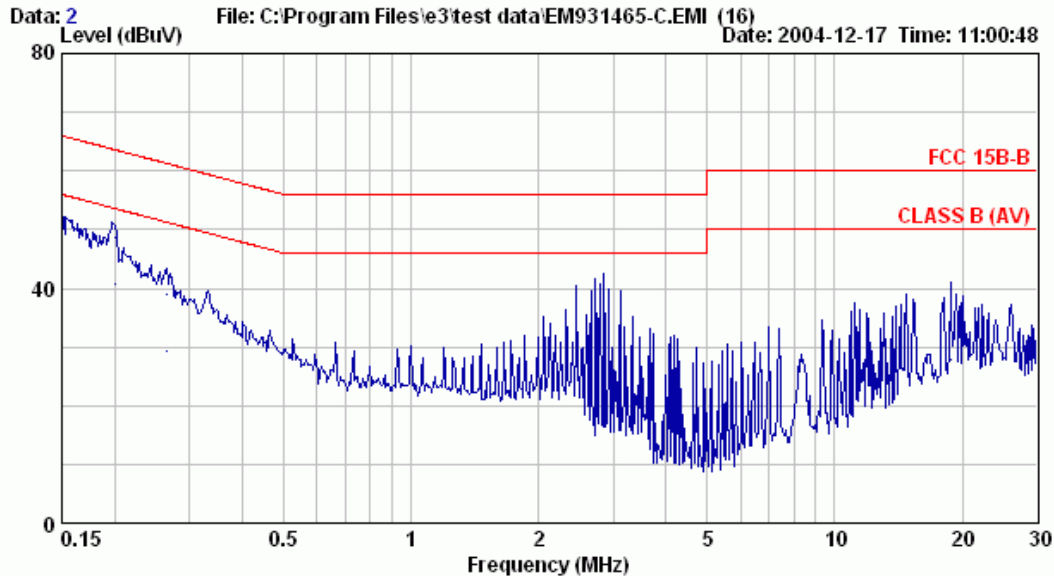
Site : No.4 Shielded Room Data : 4
 Condition : KNW-407 Phase : LINE
 Limit : FCC 15B-B
 Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
 EUT : LCD TV (15") M/N:15MF605T
 Power Rating : 120Vac/60Hz
 Test Mode : 800*600/75Hz ; 48KHz
 S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	0.30	0.20	43.95	44.45	66.00	21.55	QP
2	0.150	0.30	0.20	21.10	21.60	55.99	34.39	AVERAGE
3	0.198	0.20	0.21	47.66	48.07	63.69	15.62	QP
4	0.198	0.20	0.21	40.27	40.68	53.68	13.00	AVERAGE
5	0.265	0.16	0.23	37.36	37.75	61.28	23.53	QP
6	0.265	0.16	0.23	28.17	28.56	51.27	22.71	AVERAGE
7	2.459	0.10	0.50	35.11	35.71	56.00	20.29	QP
8	2.459	0.10	0.50	29.89	30.49	46.00	15.51	AVERAGE
9	2.859	0.10	0.52	38.79	39.41	56.00	16.59	QP
10	2.859	0.10	0.52	31.87	32.49	46.00	13.51	AVERAGE
11	15.362	0.21	0.70	35.71	36.62	60.00	23.38	QP
12	15.363	0.21	0.70	29.03	29.94	50.00	20.06	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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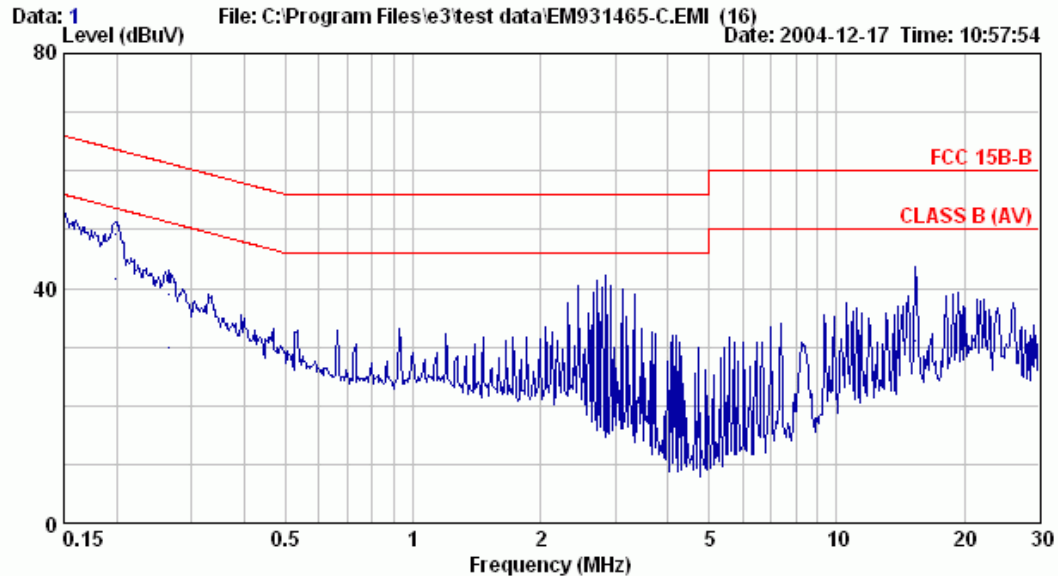
Site : No.4 Shielded Room Data : 2
Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz
S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	0.30	0.20	44.47	44.97	65.99	21.02	QP
2	0.150	0.30	0.20	21.25	21.75	55.99	34.24	AVERAGE
3	0.199	0.20	0.21	48.30	48.71	63.63	14.93	QP
4	0.200	0.20	0.21	40.38	40.79	53.63	12.84	AVERAGE
5	0.265	0.16	0.23	38.56	38.95	61.26	22.32	QP
6	0.265	0.16	0.23	28.80	29.19	51.26	22.07	AVERAGE
7	2.461	0.10	0.50	35.97	36.57	56.00	19.43	QP
8	2.461	0.10	0.50	30.52	31.12	46.00	14.88	AVERAGE
9	2.859	0.10	0.52	39.92	40.54	56.00	15.46	QP
10	2.859	0.10	0.52	33.96	34.58	46.00	11.42	AVERAGE
11	18.758	0.28	0.70	37.16	38.14	60.00	21.86	QP
12	18.763	0.28	0.70	26.72	27.70	50.00	22.30	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.



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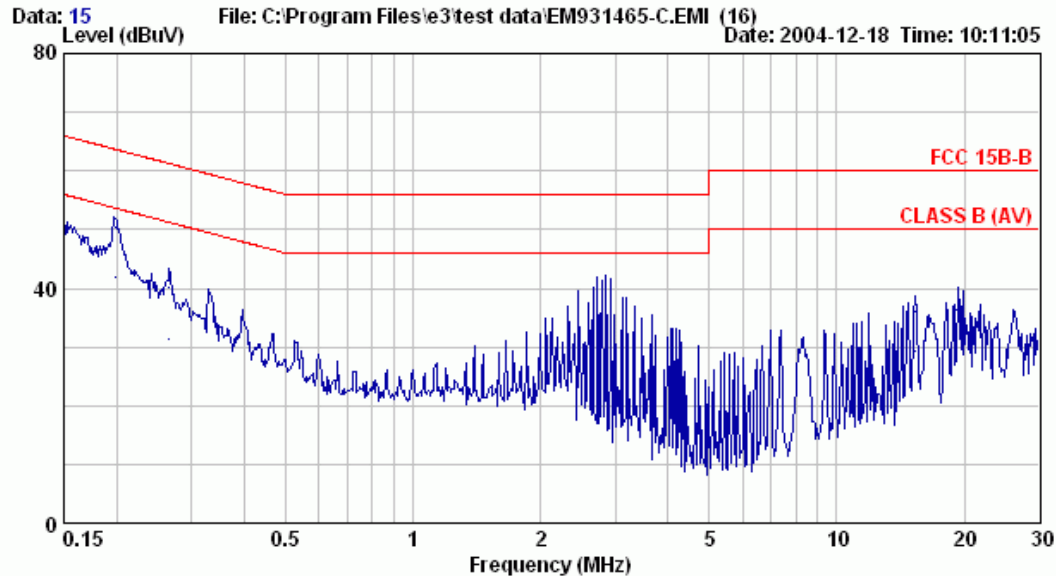
Site : No.4 Shielded Room Data : 1
Condition : KMW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz
S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	0.30	0.20	44.95	45.45	66.00	20.55	QP
2	0.150	0.30	0.20	21.52	22.02	55.99	33.97	AVERAGE
3	0.198	0.20	0.21	48.82	49.23	63.69	14.46	QP
4	0.198	0.20	0.21	41.07	41.48	53.69	12.21	AVERAGE
5	0.265	0.16	0.23	38.54	38.93	61.29	22.36	QP
6	0.265	0.16	0.23	29.48	29.87	51.28	21.41	AVERAGE
7	2.460	0.10	0.50	34.28	34.88	56.00	21.12	QP
8	2.460	0.10	0.50	30.07	30.67	46.00	15.33	AVERAGE
9	2.860	0.10	0.52	39.51	40.13	56.00	15.87	QP
10	2.860	0.10	0.52	31.78	32.40	46.00	13.60	AVERAGE
11	15.365	0.21	0.70	36.47	37.38	60.00	22.62	QP
12	15.366	0.21	0.70	30.11	31.02	50.00	18.98	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.



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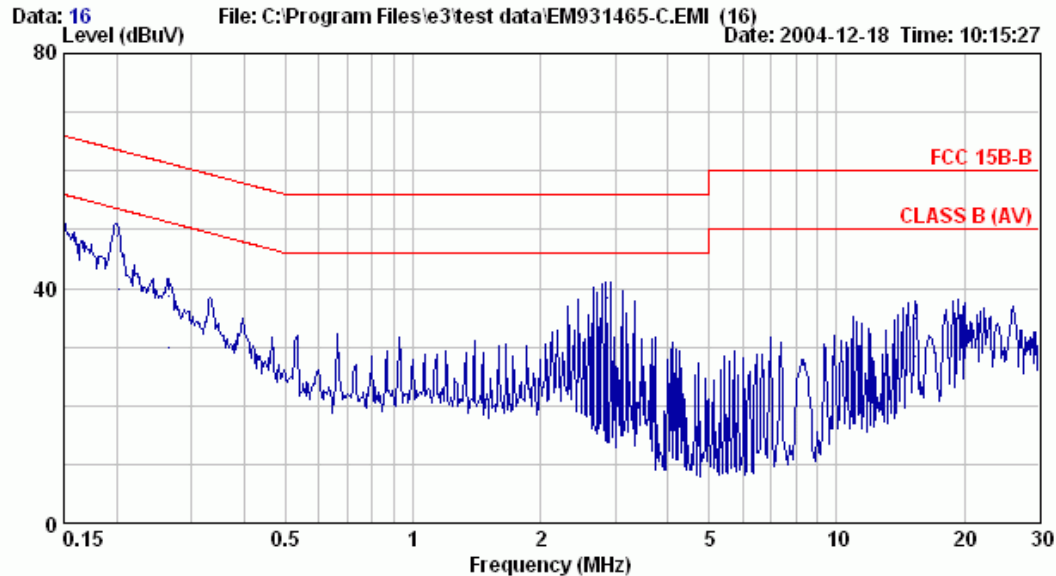
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Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : PIP
S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.199	0.20	0.21	49.86	50.27	63.65	13.38	QP
2	0.199	0.20	0.21	41.44	41.85	53.65	11.80	AVERAGE
3	0.266	0.16	0.23	39.80	40.19	61.25	21.06	QP
4	0.266	0.16	0.23	31.04	31.43	51.25	19.82	AVERAGE
5	2.461	0.10	0.50	34.44	35.04	56.00	20.96	QP
6	2.467	0.10	0.50	30.51	31.11	46.00	14.89	AVERAGE
7	2.859	0.10	0.52	39.87	40.49	56.00	15.51	QP
8	2.862	0.10	0.52	34.30	34.92	46.00	11.08	AVERAGE
9	15.302	0.21	0.70	35.02	35.93	60.00	24.07	QP
10	15.307	0.21	0.70	28.44	29.35	50.00	20.65	AVERAGE
11	19.232	0.29	0.70	35.35	36.34	60.00	23.66	QP
12	19.236	0.29	0.70	27.52	28.51	50.00	21.49	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.



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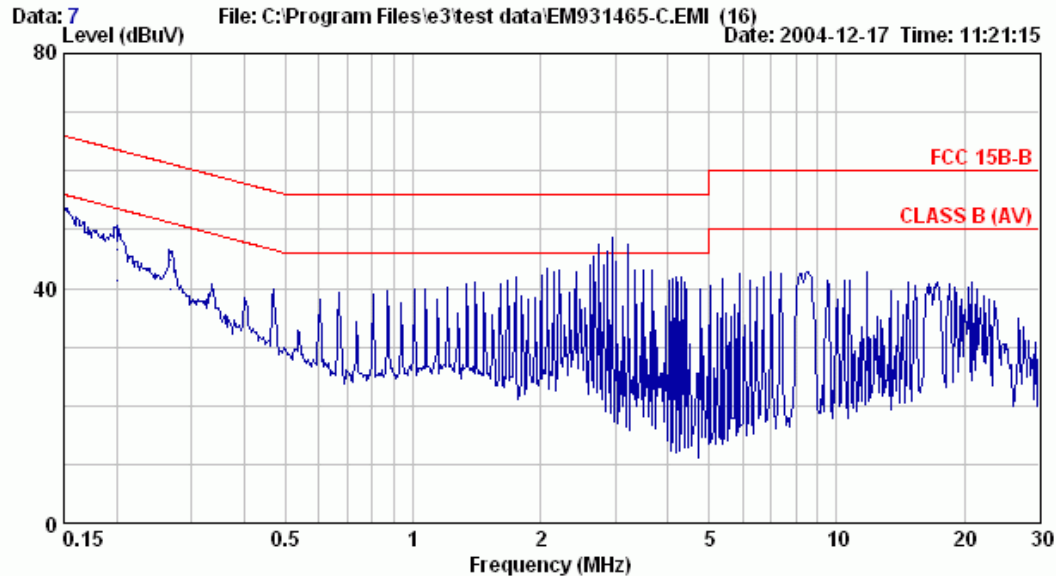
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Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : PIP
S/N:TY0404727

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.201	0.20	0.21	48.46	48.87	63.58	14.72	QP
2	0.202	0.20	0.21	39.55	39.96	53.53	13.58	AVERAGE
3	0.264	0.16	0.23	38.29	38.68	61.30	22.63	QP
4	0.265	0.16	0.23	29.54	29.93	51.28	21.35	AVERAGE
5	2.460	0.10	0.50	32.75	33.35	56.00	22.65	QP
6	2.461	0.10	0.50	27.94	28.54	46.00	17.46	AVERAGE
7	2.861	0.10	0.52	37.78	38.40	56.00	17.60	QP
8	2.862	0.10	0.52	30.03	30.65	46.00	15.35	AVERAGE
9	15.299	0.21	0.70	34.00	34.91	60.00	25.09	QP
10	15.300	0.21	0.70	27.50	28.41	50.00	21.59	AVERAGE
11	19.223	0.29	0.70	33.83	34.82	60.00	25.18	QP
12	19.224	0.29	0.70	28.87	29.86	50.00	20.14	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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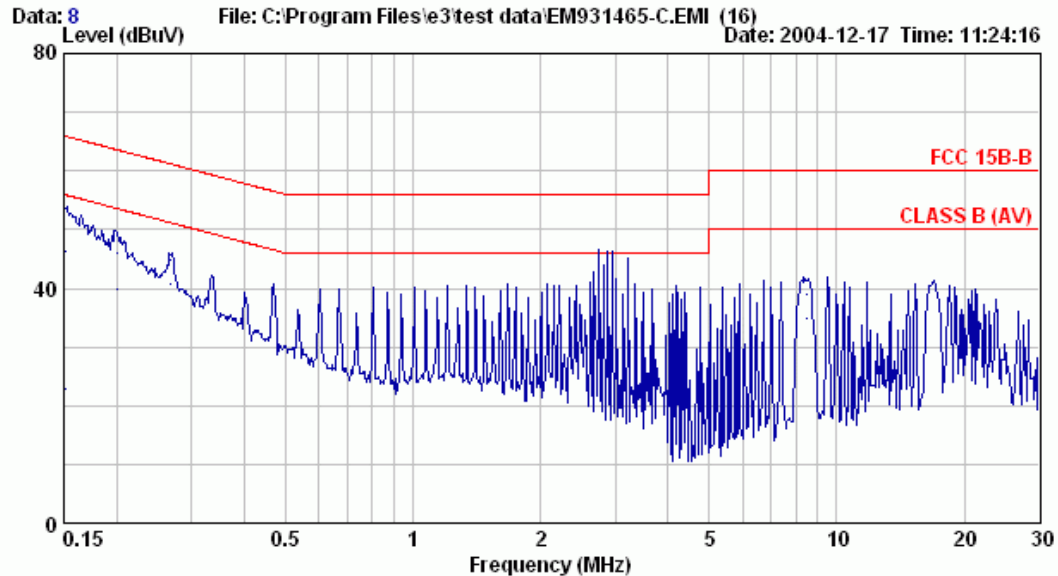
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Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz
S/N:TY0404729

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.151	0.30	0.20	45.59	46.09	65.97	19.88	QP
2	0.151	0.30	0.20	22.44	22.94	55.96	33.03	AVERAGE
3	0.201	0.20	0.21	46.08	46.49	63.58	17.09	QP
4	0.201	0.20	0.21	40.85	41.26	53.57	12.31	AVERAGE
5	0.267	0.16	0.23	44.42	44.81	61.22	16.41	QP
6	0.267	0.16	0.23	39.48	39.87	51.22	11.35	AVERAGE
7	2.750	0.10	0.52	44.40	45.02	56.00	10.98	QP
8	2.750	0.10	0.52	39.56	40.18	46.00	5.82	AVERAGE
9	2.952	0.10	0.53	46.66	47.29	56.00	8.71	QP
10	2.952	0.10	0.53	40.73	41.36	46.00	4.64	AVERAGE
11	6.980	0.16	0.65	40.00	40.81	60.00	19.19	QP
12	6.980	0.16	0.65	35.47	36.28	50.00	13.72	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.



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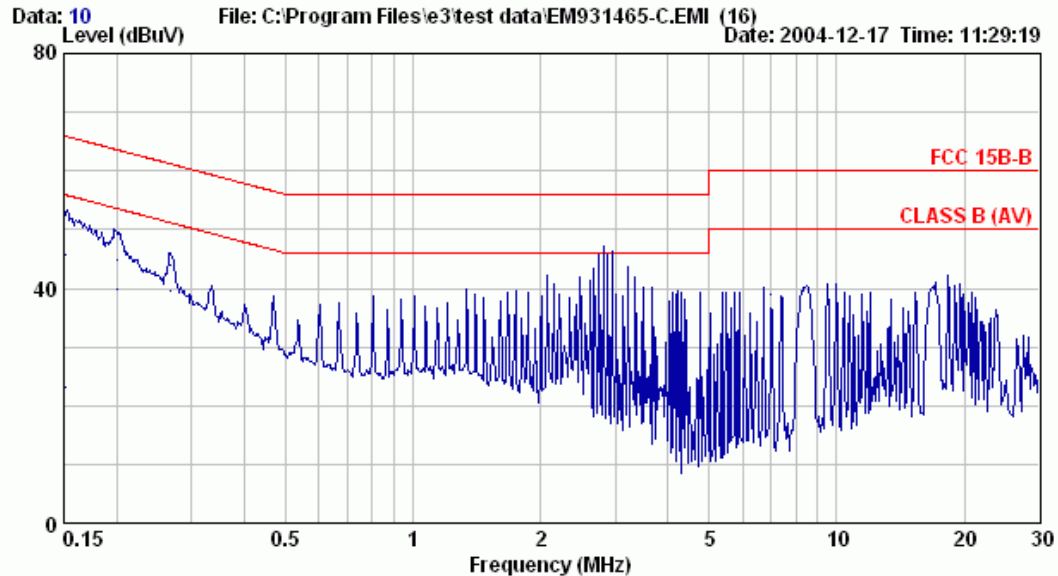
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Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 640*480/60Hz ; 31KHz
S/N:TY0404729

	Freq.	LISN	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dB)	
1	0.152	0.30	0.20	45.68	46.18	65.91	19.74	QP
2	0.152	0.30	0.20	22.36	22.86	55.91	33.05	AVERAGE
3	0.200	0.20	0.21	45.66	46.07	63.60	17.54	QP
4	0.200	0.20	0.21	39.42	39.83	53.59	13.77	AVERAGE
5	0.268	0.16	0.23	44.54	44.93	61.19	16.26	QP
6	0.268	0.16	0.23	40.22	40.61	51.18	10.57	AVERAGE
7	2.752	0.10	0.52	42.40	43.02	56.00	12.98	QP
8	2.753	0.10	0.52	35.65	36.27	46.00	9.73	AVERAGE
9	2.953	0.10	0.53	44.85	45.48	56.00	10.52	QP
10	2.953	0.10	0.53	37.81	38.44	46.00	7.56	AVERAGE
11	8.520	0.10	0.68	38.23	39.01	60.00	20.99	QP
12	8.521	0.10	0.68	33.98	34.76	50.00	15.24	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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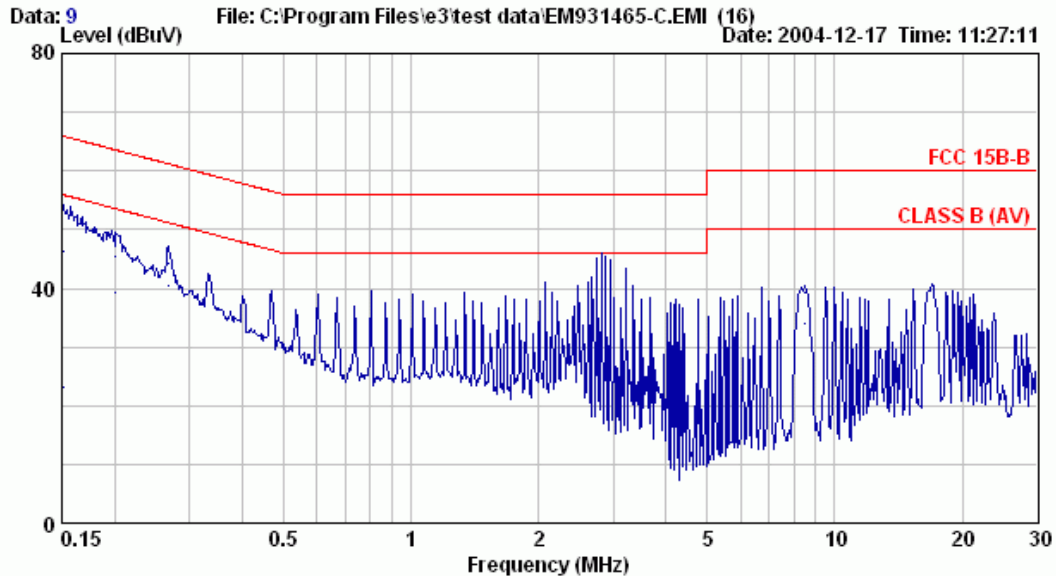
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Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 800*600/75Hz ; 48KHz
S/N:TY0404729

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.151	0.30	0.20	45.21	45.71	65.94	20.23	QP
2	0.151	0.30	0.20	22.57	23.07	55.93	32.87	AVERAGE
3	0.200	0.20	0.21	44.43	44.84	63.62	18.78	QP
4	0.200	0.20	0.21	39.52	39.93	53.61	13.69	AVERAGE
5	0.267	0.16	0.23	43.60	43.99	61.20	17.21	QP
6	0.268	0.16	0.23	39.32	39.71	51.19	11.48	AVERAGE
7	2.749	0.10	0.52	42.96	43.58	56.00	12.42	QP
8	2.749	0.10	0.52	37.97	38.59	46.00	7.41	AVERAGE
9	2.952	0.10	0.53	44.73	45.36	56.00	10.64	QP
10	2.952	0.10	0.53	38.96	39.59	46.00	6.41	AVERAGE
11	6.978	0.16	0.65	38.17	38.98	60.00	21.02	QP
12	6.978	0.16	0.65	33.09	33.90	50.00	16.10	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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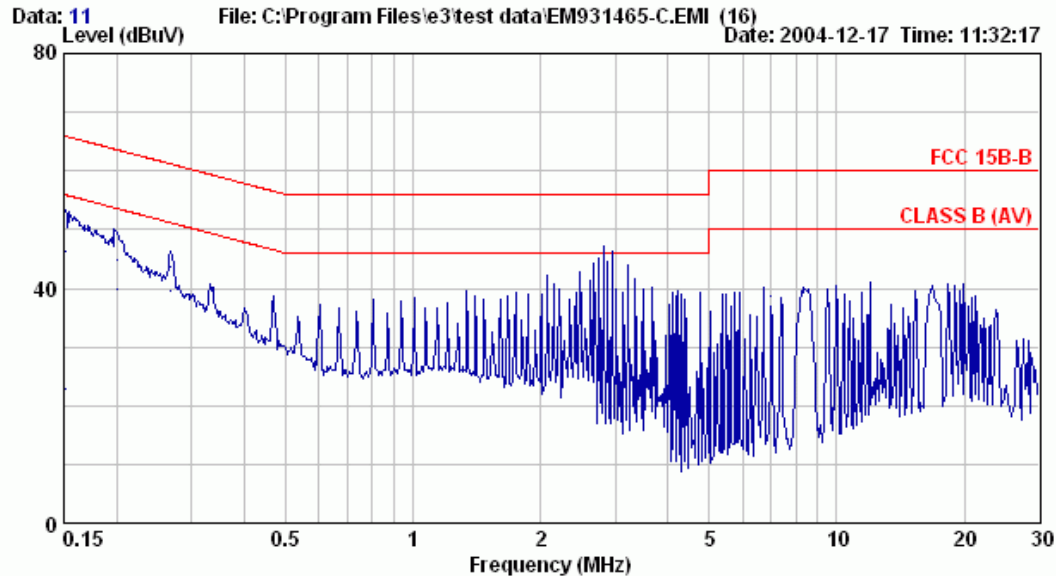
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Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 800*600/75Hz ; 48KHz
S/N:TY0404729

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.151	0.30	0.20	45.88	46.38	65.95	19.57	QP
2	0.151	0.30	0.20	22.62	23.12	55.94	32.82	AVERAGE
3	0.200	0.20	0.21	44.87	45.28	63.62	18.34	QP
4	0.200	0.20	0.21	38.86	39.27	53.61	14.35	AVERAGE
5	0.268	0.16	0.23	44.00	44.39	61.18	16.80	QP
6	0.268	0.16	0.23	39.92	40.31	51.18	10.87	AVERAGE
7	2.749	0.10	0.52	40.84	41.46	56.00	14.54	QP
8	2.749	0.10	0.52	34.84	35.46	46.00	10.54	AVERAGE
9	2.953	0.10	0.53	43.27	43.90	56.00	12.10	QP
10	2.953	0.10	0.53	36.39	37.02	46.00	8.98	AVERAGE
11	8.521	0.10	0.68	38.41	39.19	60.00	20.81	QP
12	8.521	0.10	0.68	33.10	33.88	50.00	16.12	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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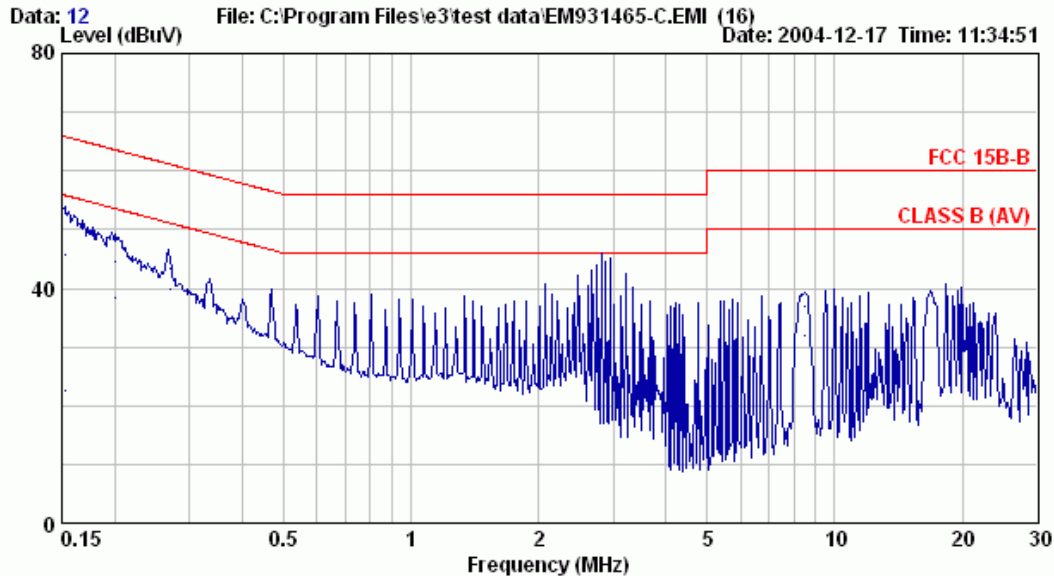
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Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz
S/N:TY0404729

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.151	0.30	0.20	45.66	46.16	65.92	19.77	QP
2	0.151	0.30	0.20	22.46	22.96	55.92	32.96	AVERAGE
3	0.201	0.20	0.21	44.51	44.92	63.59	18.67	QP
4	0.201	0.20	0.21	39.31	39.72	53.58	13.87	AVERAGE
5	0.268	0.16	0.23	43.16	43.55	61.17	17.62	QP
6	0.269	0.16	0.23	39.03	39.42	51.16	11.74	AVERAGE
7	2.750	0.10	0.52	42.72	43.34	56.00	12.66	QP
8	2.751	0.10	0.52	37.86	38.48	46.00	7.52	AVERAGE
9	2.949	0.10	0.53	43.51	44.14	56.00	11.86	QP
10	2.950	0.10	0.53	37.99	38.62	46.00	7.38	AVERAGE
11	6.977	0.16	0.65	37.93	38.74	60.00	21.26	QP
12	6.978	0.16	0.65	33.11	33.92	50.00	16.08	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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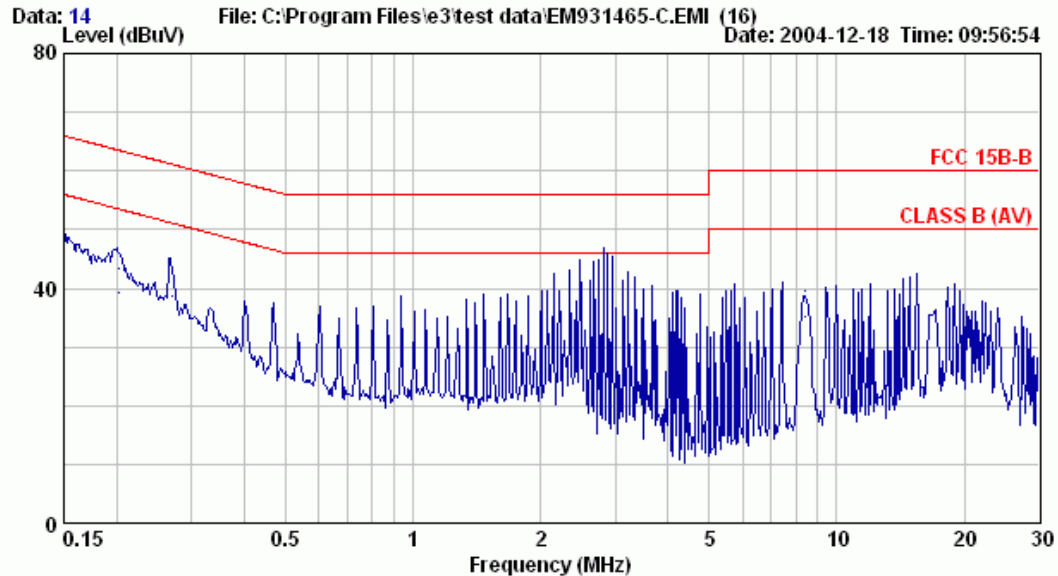
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Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : 1024*768/75Hz ; 60KHz
S/N:TY0404729

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.153	0.29	0.20	45.23	45.72	65.82	20.10	QP
2	0.154	0.29	0.20	22.12	22.61	55.81	33.20	AVERAGE
3	0.200	0.20	0.21	44.03	44.44	63.60	19.16	QP
4	0.201	0.20	0.21	38.01	38.42	53.59	15.17	AVERAGE
5	0.269	0.16	0.23	43.10	43.49	61.15	17.66	QP
6	0.269	0.16	0.23	39.50	39.89	51.14	11.26	AVERAGE
7	2.750	0.10	0.52	40.82	41.44	56.00	14.56	QP
8	2.750	0.10	0.52	35.93	36.55	46.00	9.45	AVERAGE
9	2.953	0.10	0.53	42.87	43.50	56.00	12.50	QP
10	2.953	0.10	0.53	36.31	36.94	46.00	9.06	AVERAGE
11	8.521	0.10	0.68	36.01	36.79	60.00	23.21	QP
12	8.521	0.10	0.68	31.28	32.06	50.00	17.94	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.



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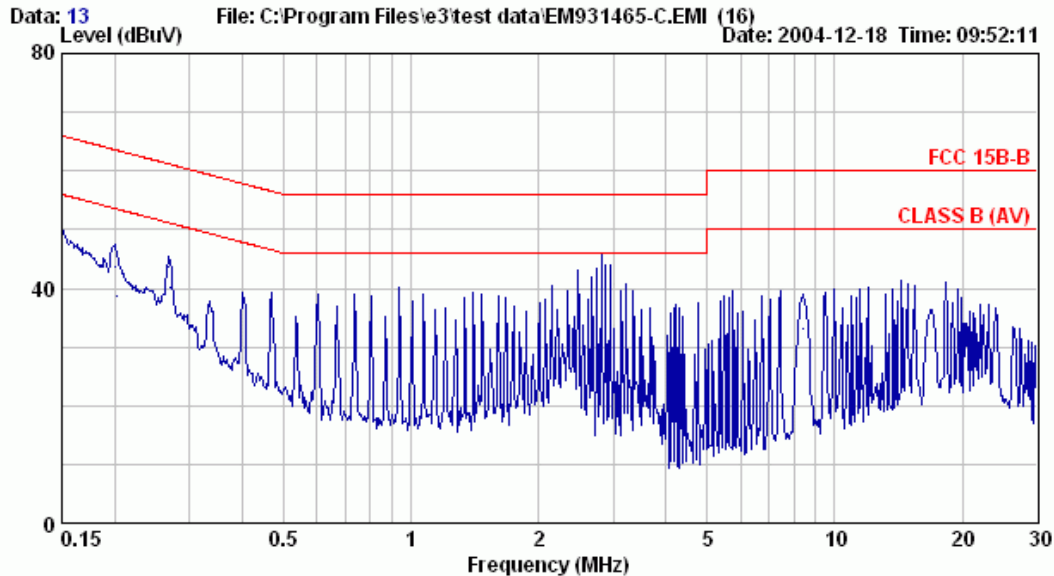
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Condition : KNW-407 Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : PIP
S/N:TY0404729

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.201	0.20	0.21	43.03	43.44	63.55	20.12	QP
2	0.203	0.20	0.21	38.98	39.38	53.50	14.11	AVERAGE
3	0.269	0.16	0.23	42.22	42.61	61.15	18.54	QP
4	0.270	0.16	0.23	38.31	38.70	51.11	12.42	AVERAGE
5	2.481	0.10	0.50	41.65	42.25	56.00	13.75	QP
6	2.482	0.10	0.50	36.89	37.49	46.00	8.51	AVERAGE
7	2.815	0.10	0.52	43.50	44.12	56.00	11.88	QP
8	2.816	0.10	0.52	39.52	40.14	46.00	5.86	AVERAGE
9	8.448	0.18	0.67	38.82	39.68	60.00	20.32	QP
10	8.449	0.18	0.67	34.24	35.10	50.00	14.90	AVERAGE
11	14.351	0.20	0.70	37.81	38.71	60.00	21.29	QP
12	14.352	0.20	0.70	34.22	35.12	50.00	14.88	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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Site : No.4 Shielded Room Data : 13
Condition : KNW-407 Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22°C ; 56% / ESHS10 Engineer: ALEX HUANG
EUT : LCD TV (15") M/N:15MF605T
Power Rating : 120Vac/60Hz
Test Mode : PIP
S/N:TY0404729

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.201	0.20	0.21	43.21	43.62	63.58	19.96	QP
2	0.201	0.20	0.21	38.23	38.64	53.55	14.92	AVERAGE
3	0.268	0.16	0.23	43.14	43.53	61.18	17.66	QP
4	0.269	0.16	0.23	39.67	40.06	51.14	11.08	AVERAGE
5	2.482	0.10	0.50	39.12	39.72	56.00	16.28	QP
6	2.483	0.10	0.50	32.77	33.37	46.00	12.63	AVERAGE
7	2.816	0.10	0.52	41.46	42.08	56.00	13.92	QP
8	2.817	0.10	0.52	33.84	34.46	46.00	11.54	AVERAGE
9	8.450	0.10	0.67	37.85	38.62	60.00	21.38	QP
10	8.451	0.10	0.67	32.33	33.10	50.00	16.90	AVERAGE
11	14.353	0.19	0.70	38.35	39.24	60.00	20.76	QP
12	14.354	0.19	0.70	33.33	34.22	50.00	15.78	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.

3. RADIATED DISTURBANCE MEASUREMENT

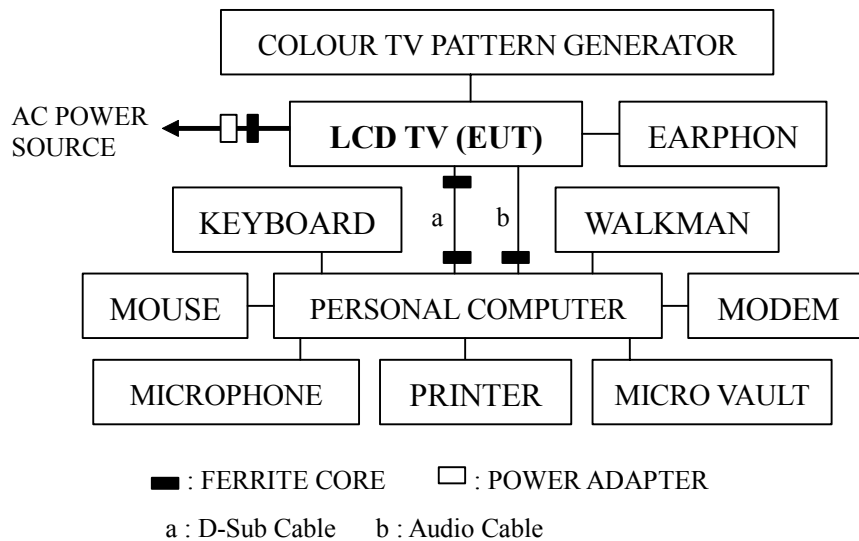
3.1. Test Equipment

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

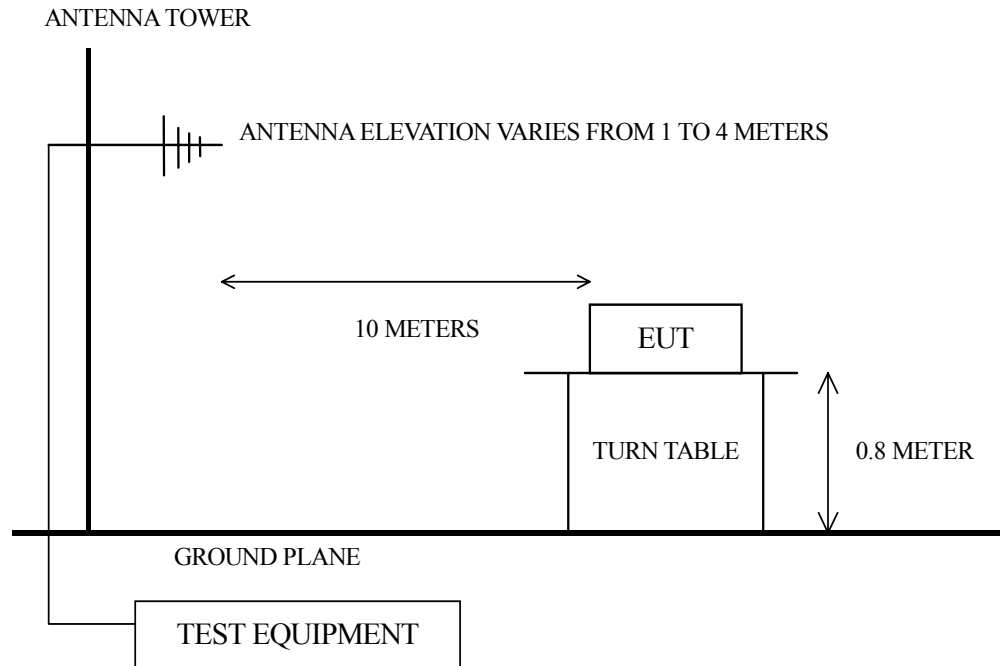
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8590L	3710A01838	N/A	N/A
2.	Test Receiver	Rohde & Schwarz	ESVS10	845165/002	Mar.10, 04'	Mar.09, 05'
3.	Amplifier	HP	8447D	2727A06154	N/A	N/A
4.	Broadband Antenna	Chase	VBA6106A	1231	Nov.15, 04'	Nov.14, 05'
5.	Log Periodic Antenna	Chase	UPA6109	1027	Nov.15, 04'	Nov.14, 05'

3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Open Area Test Site Setup Diagram



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	30
230 ~ 1000	10	37

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.

3.4. 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

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

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

The frequency range from 30MHz to 1000MHz was pre-scanned with a peak detector.

The all final readings from test receiver were measured with Quasi-Peak detector.

3.7. Radiated Emission Measurement Results

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

The EUT with following test modes were performed during radiated measurement and all the test results are attached next pages.

Test Date : Dec. 17, 2004 Temperature : 22°C Humidity : 60%

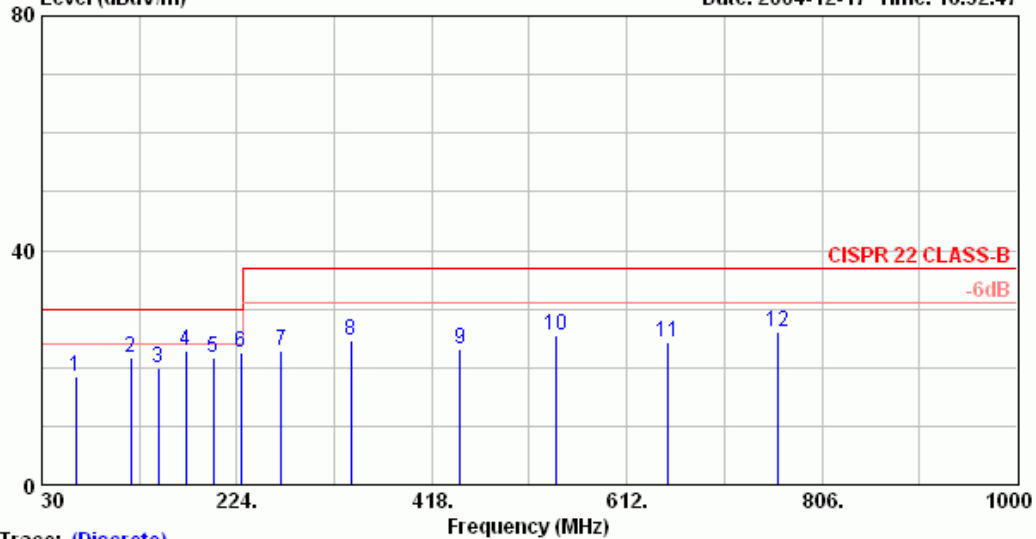
	Mode	Serial Number	LCD Panel	Input Port	Frequency / Resolution, Image	Reference Data No.	
						Horizontal	Vertical
※	1.	TY0404727	AUO, Type No: T150XG01	D-Sub	640*480/60Hz, 31kHz; H Pattern	# 6	# 5
	2.				800*600/75Hz, 48kHz; H Pattern	# 3	# 4
	3.				1024*768/75Hz, 60kHz; H Pattern + Image “Color Bar” (PIP Mode)	# 2	# 1
	4.			D-Sub + RF	1024*768/75Hz, 60kHz; H Pattern	# 7	# 8
※	5.	TY0404729	LG Philips, Type No: LC150X02	D-Sub	640*480/60Hz, 31kHz; H Pattern	# 15	# 16
	6.				800*600/75Hz, 48kHz; H Pattern	# 14	# 13
	7.				1024*768/75Hz, 60kHz; H Pattern	# 12	# 11
	8.			D-Sub + RF	1024*768/75Hz, 60kHz; H Pattern + Image “Color Bar” (PIP Mode)	# 10	# 9

(※ mode for maximum detected emission)



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Data: 6 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 16:52:47
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 6
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : 640*480/60Hz;31KHz
S/N:TY0404727

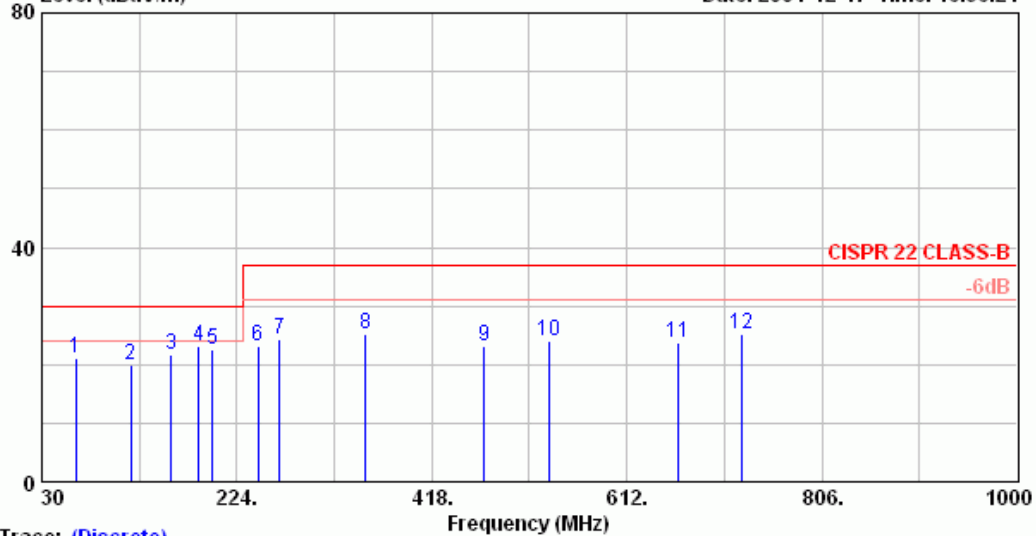
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	63.479	12.92	1.60	3.92	18.44	30.00	11.56	
2	118.171	19.01	2.00	0.62	21.63	30.00	8.37	
3	145.587	20.69	2.40	-3.22	19.87	30.00	10.13	
4	172.940	21.21	2.50	-0.90	22.81	30.00	7.19	*
5	200.356	21.71	2.80	-2.82	21.69	30.00	8.31	
6	227.632	22.16	3.20	-2.74	22.62	30.00	7.38	
7	268.610	23.46	3.20	-3.68	22.98	37.00	14.02	
8	337.093	15.29	3.80	5.44	24.53	37.00	12.47	
9	446.567	17.09	4.40	1.66	23.15	37.00	13.85	
10	542.314	18.92	5.20	1.26	25.38	37.00	11.62	
11	651.890	21.18	5.60	-2.54	24.24	37.00	12.76	
12	761.464	22.64	6.20	-2.64	26.20	37.00	10.80	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 172.940MHz with corrected signal level of 22.81dBuV/m (limit is 30.0dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 45°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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Data: 5 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 16:36:21
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 5
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : 640*480/60Hz;31KHz
S/N:TY0404727

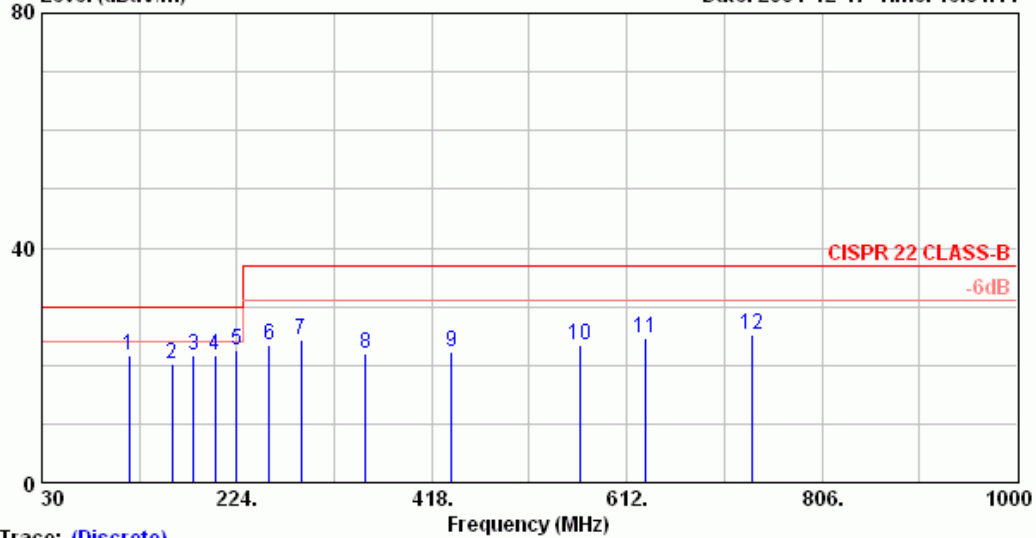
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	63.415	13.65	1.60	5.94	21.19	30.00	8.81	
2	118.209	18.25	2.00	-0.30	19.95	30.00	10.05	
3	158.578	20.51	2.40	-1.14	21.77	30.00	8.23	
4	185.994	22.56	2.60	-1.94	23.22	30.00	6.78	*
5	199.683	22.77	2.80	-2.96	22.61	30.00	7.39	
6	245.386	22.96	3.10	-2.84	23.22	37.00	13.78	
7	266.780	23.69	3.20	-2.60	24.29	37.00	12.71	
8	352.396	15.75	4.00	5.52	25.27	37.00	11.73	
9	470.114	18.64	4.80	-0.38	23.06	37.00	13.94	
10	534.245	18.63	5.00	0.44	24.07	37.00	12.93	
11	662.672	21.12	5.60	-2.88	23.84	37.00	13.16	
12	726.790	21.51	6.00	-2.26	25.25	37.00	11.75	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 185.994MHz with corrected signal level of 23.22dBuV/m (limit is 30.0dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 325°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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Data: 3 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 16:01:41
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 3
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : 800*600/75Hz;48KHz
S/N:TY0404727

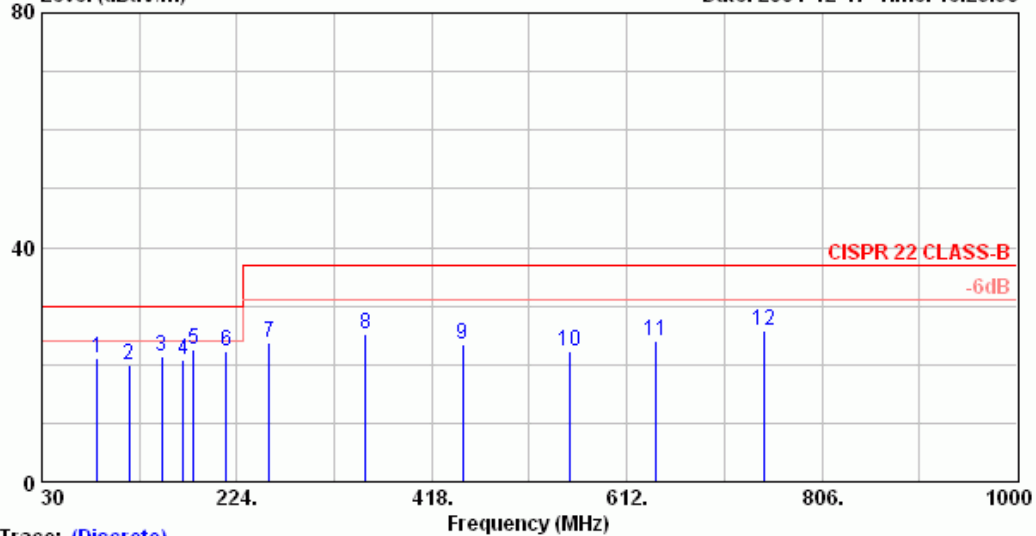
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	116.828	19.05	2.00	0.72	21.77	30.00	8.23	
2	159.616	20.79	2.40	-3.04	20.15	30.00	9.85	
3	181.010	21.15	2.60	-1.96	21.79	30.00	8.21	
4	202.442	21.85	2.80	-2.88	21.77	30.00	8.23	
5	223.773	22.05	3.00	-2.54	22.51	30.00	7.49	
6	255.838	22.96	3.20	-2.80	23.36	37.00	13.64	
7	287.968	24.37	3.50	-3.56	24.31	37.00	12.69	
8	352.195	15.41	4.00	2.46	21.87	37.00	15.13	
9	437.771	16.67	4.40	1.34	22.41	37.00	14.59	
10	566.161	20.55	5.20	-2.34	23.41	37.00	13.59	
11	630.305	21.27	5.60	-2.32	24.55	37.00	12.45	
12	737.313	21.72	6.00	-2.50	25.22	37.00	11.78	

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



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Data: 4 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 16:23:30
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 4
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : 800*600/75Hz;48KHz
S/N:TY0404727

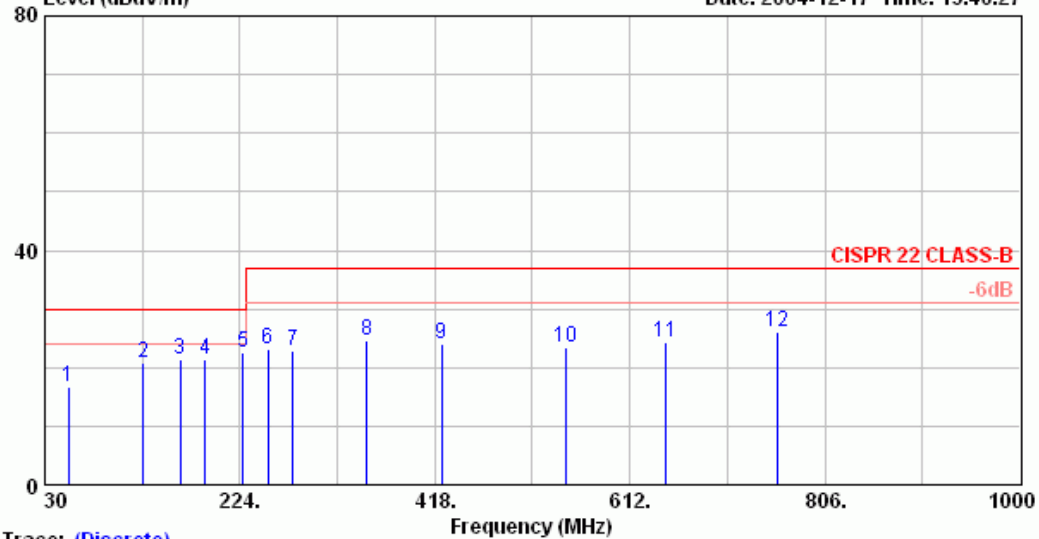
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	84.750	15.29	1.70	4.02	21.01	30.00	8.99	
2	116.854	18.11	2.00	-0.26	19.85	30.00	10.15	
3	148.945	20.21	2.40	-1.14	21.47	30.00	8.53	
4	170.377	21.18	2.40	-2.86	20.72	30.00	9.28	
5	181.074	21.76	2.60	-1.86	22.50	30.00	7.50	
6	213.267	22.21	2.80	-2.84	22.17	30.00	7.83	
7	256.093	23.37	3.20	-2.76	23.81	37.00	13.19	
8	352.340	15.75	4.00	5.44	25.19	37.00	11.81	
9	448.652	17.41	4.40	1.76	23.57	37.00	13.43	
10	555.596	19.76	5.20	-2.68	22.28	37.00	14.72	
11	641.203	20.81	5.60	-2.30	24.11	37.00	12.89	
12	748.173	22.37	6.20	-2.70	25.87	37.00	11.13	

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



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Data: 2 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 15:40:27
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 2
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : 1024*768/75Hz; 60KHz
S/N:TY0404727

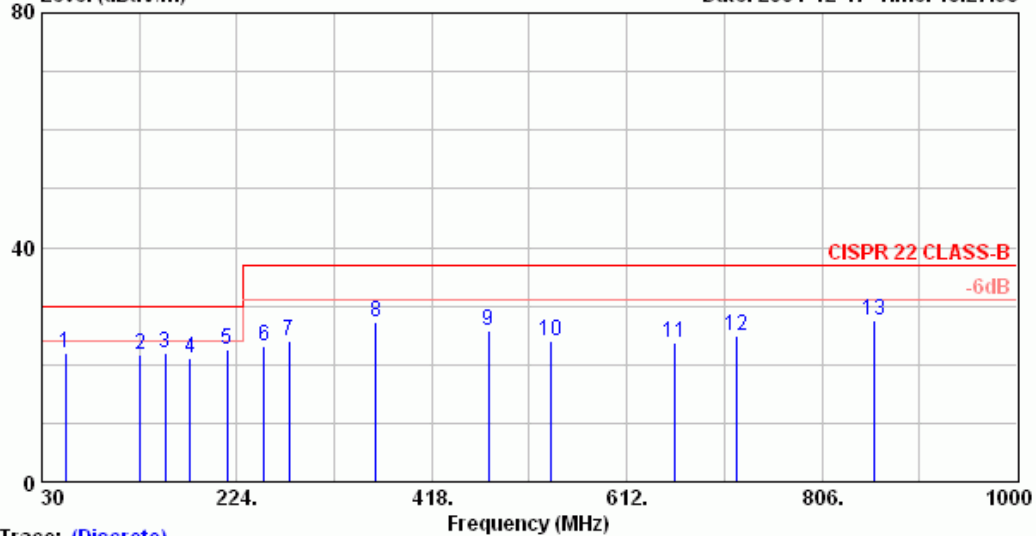
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	53.669	15.34	1.40	0.06	16.80	30.00	13.20	
2	128.013	19.69	2.40	-1.28	20.81	30.00	9.19	
3	165.058	20.97	2.60	-2.08	21.49	30.00	8.51	
4	189.826	21.42	2.80	-2.88	21.34	30.00	8.66	
5	226.884	22.12	3.20	-2.66	22.66	30.00	7.34	
6	251.644	22.85	3.20	-2.90	23.15	37.00	13.85	
7	276.426	23.95	3.40	-4.62	22.73	37.00	14.27	
8	350.579	15.36	3.80	5.50	24.66	37.00	12.34	
9	424.808	16.53	4.40	3.22	24.15	37.00	12.85	
10	548.435	19.33	5.00	-0.80	23.53	37.00	13.47	
11	647.394	21.01	5.60	-2.38	24.23	37.00	12.77	
12	758.643	22.51	6.20	-2.72	25.99	37.00	11.01	

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



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Data: 1 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 15:27:35
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 1
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : 1024*768/75Hz; 60KHz
S/N:TY0404727

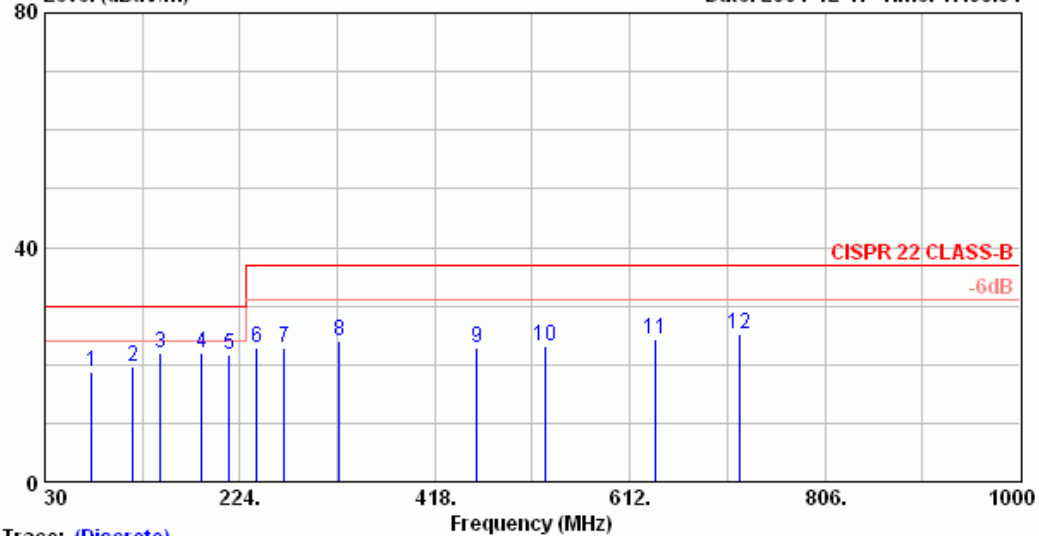
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	53.504	15.41	1.40	5.12	21.93	30.00	8.07	
2	127.746	19.34	2.40	-0.08	21.66	30.00	8.34	
3	152.477	20.65	2.40	-1.10	21.95	30.00	8.05	
4	177.207	21.29	2.60	-2.82	21.07	30.00	8.93	
5	214.303	22.37	2.80	-2.72	22.45	30.00	7.55	
6	251.398	22.81	3.20	-2.86	23.15	37.00	13.85	
7	276.129	23.35	3.40	-2.60	24.15	37.00	12.85	
8	362.685	15.95	4.00	7.44	27.39	37.00	9.61	
9	473.972	18.65	4.80	2.42	25.87	37.00	11.13	
10	535.798	18.66	5.00	0.28	23.94	37.00	13.06	
11	659.450	20.92	5.60	-2.64	23.88	37.00	13.12	
12	721.276	21.17	6.00	-2.20	24.97	37.00	12.03	
13	857.293	23.68	6.60	-2.66	27.62	37.00	9.38	

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



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Data: 7 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 17:08:54
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 7
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : PIP
S/N:TY0404727

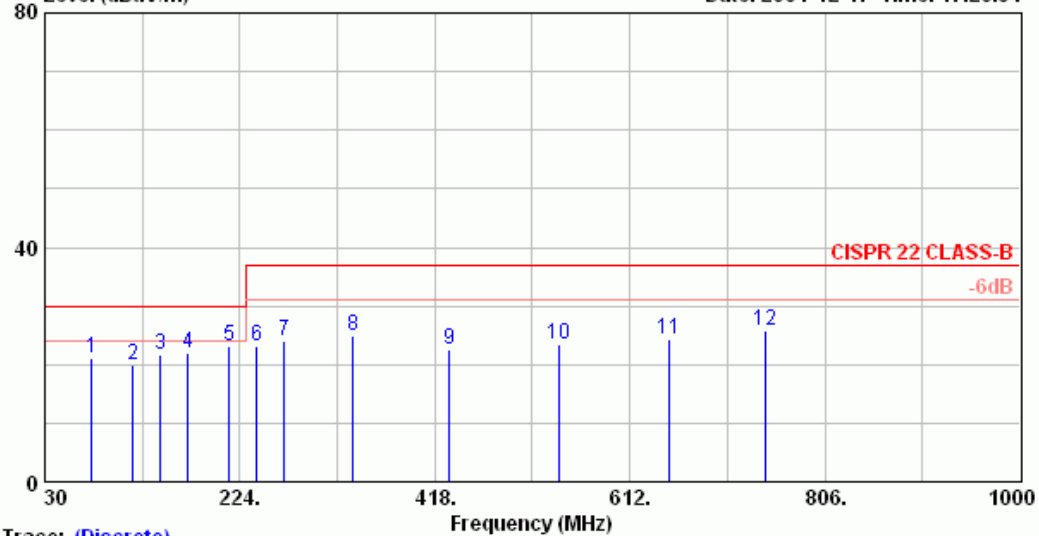
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	76.811	13.84	1.80	3.02	18.66	30.00	11.34	
2	117.878	19.01	2.00	-1.38	19.63	30.00	10.37	
3	145.256	20.69	2.40	-1.06	22.03	30.00	7.97	
4	186.361	21.34	2.60	-1.84	22.10	30.00	7.90	
5	213.701	21.81	2.80	-2.84	21.77	30.00	8.23	
6	241.079	22.57	3.20	-2.86	22.91	37.00	14.09	
7	268.457	23.46	3.20	-3.66	23.00	37.00	14.00	
8	323.239	14.93	3.60	5.58	24.11	37.00	12.89	
9	460.205	17.70	4.40	0.64	22.74	37.00	14.26	
10	528.612	18.64	5.00	-0.44	23.20	37.00	13.80	
11	638.111	20.91	5.60	-2.24	24.27	37.00	12.73	
12	720.436	21.38	6.00	-2.32	25.06	37.00	11.94	

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



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Data: 8 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 17:20:54
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 8
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : PIP
S/N:TY0404727

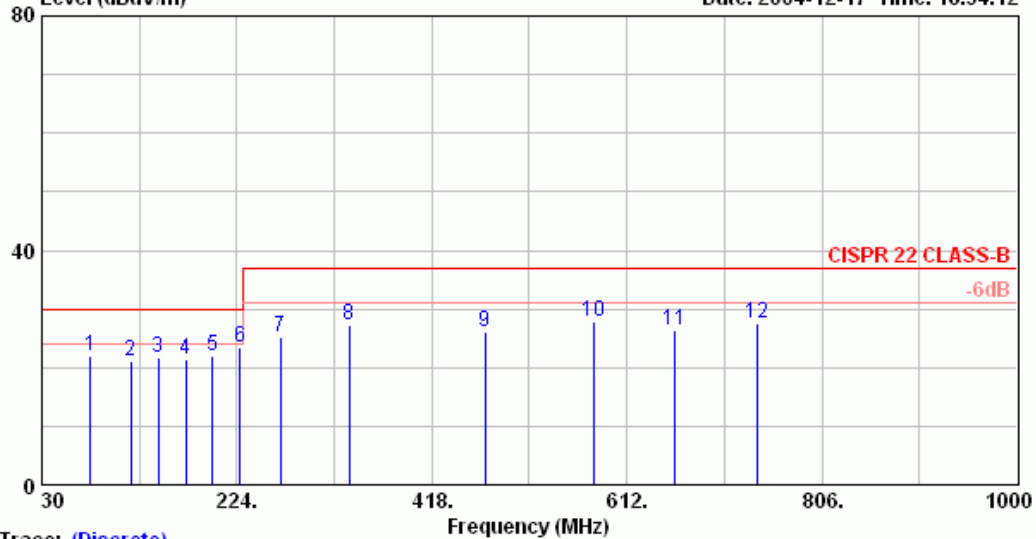
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	76.748	14.23	1.80	4.96	20.99	30.00	9.01	
2	117.903	18.25	2.00	-0.30	19.95	30.00	10.05	
3	145.218	20.48	2.40	-1.18	21.70	30.00	8.30	
4	172.634	21.34	2.50	-1.98	21.86	30.00	8.14	
5	213.676	22.21	2.80	-1.86	23.15	30.00	6.85	
6	241.079	22.81	3.20	-2.88	23.13	37.00	13.87	
7	268.432	23.64	3.20	-2.68	24.16	37.00	12.84	
8	336.826	15.48	3.80	5.52	24.80	37.00	12.20	
9	432.687	16.92	4.40	1.38	22.70	37.00	14.30	
10	542.148	18.91	5.20	-0.80	23.31	37.00	13.69	
11	651.698	21.02	5.60	-2.44	24.18	37.00	12.82	
12	747.521	22.37	6.20	-2.66	25.91	37.00	11.09	

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



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Data: 15 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 18:54:12
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 15
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120V / 60Hz
Test Mode : 640*480/60Hz;31KHz
S/N:TY0404729

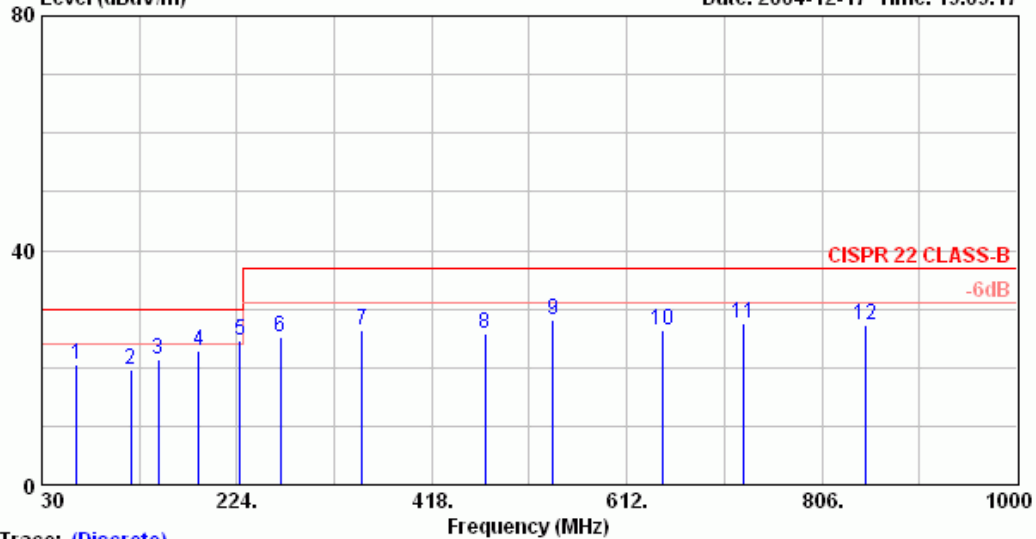
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	78.114	14.17	1.80	5.91	21.88	30.00	8.12	
2	118.734	19.01	2.00	0.06	21.07	30.00	8.93	
3	145.814	20.69	2.40	-1.29	21.80	30.00	8.20	
4	172.894	21.21	2.50	-2.27	21.44	30.00	8.56	
5	199.974	21.66	2.80	-2.45	22.01	30.00	7.99	
6	227.054	22.12	3.20	-1.95	23.37	30.00	6.63	*
7	267.674	23.46	3.20	-1.50	25.16	37.00	11.84	
8	335.413	15.42	3.80	7.97	27.19	37.00	9.81	
9	470.813	18.13	4.80	3.28	26.21	37.00	10.79	
10	579.133	20.81	5.20	1.88	27.89	37.00	9.11	
11	660.373	21.42	5.60	-0.78	26.24	37.00	10.76	
12	741.613	22.04	6.00	-0.48	27.56	37.00	9.44	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 227.054MHz with corrected signal level of 23.37dBuV/m (limit is 30.0dBuV/m) when the antenna was at horizontal polarization and was at 4m high and the turn table was at 30°.
4. 0°was the table front facing the antenna. Degree is calculated from 0°clockwise facing the antenna.



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Data: 16 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 19:09:17
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 16
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120V / 60Hz
Test Mode : 640*480/60Hz;31KHz
S/N:TY0404729

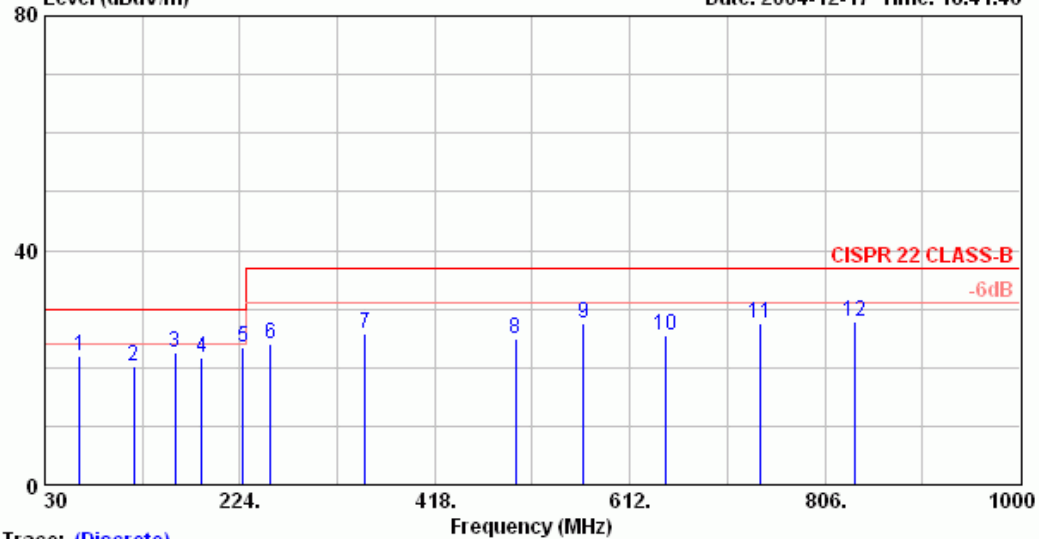
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	64.613	13.06	1.60	5.74	20.40	30.00	9.60	
2	118.773	18.25	2.20	-0.86	19.59	30.00	10.41	
3	145.853	20.48	2.40	-1.35	21.53	30.00	8.47	
4	186.473	22.56	2.60	-2.22	22.94	30.00	7.06	
5	227.093	23.34	3.20	-1.79	24.75	30.00	5.25	*
6	267.713	23.61	3.20	-1.48	25.33	37.00	11.67	
7	348.953	15.73	3.90	6.78	26.41	37.00	10.59	
8	470.813	18.64	4.80	2.27	25.71	37.00	11.29	
9	538.513	18.80	5.00	4.47	28.27	37.00	8.73	
10	646.833	21.04	5.60	-0.23	26.41	37.00	10.59	
11	728.073	21.59	6.20	-0.20	27.59	37.00	9.41	
12	849.933	23.70	6.60	-2.91	27.39	37.00	9.61	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 227.093MHz with corrected signal level of 24.75dBuV/m (limit is 30.0dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 270°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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Data: 14 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 18:41:46
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 14
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120V / 60Hz
Test Mode : 800*600/75Hz 48KHz
S/N:TY0404729

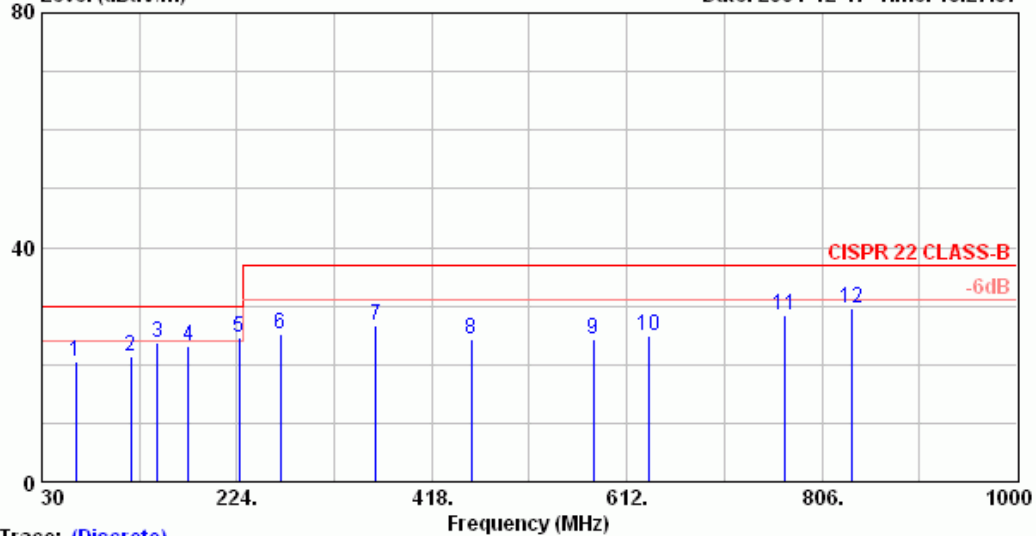
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	64.642	12.70	1.60	7.74	22.04	30.00	7.96	
2	118.802	18.97	2.20	-0.90	20.27	30.00	9.73	
3	159.422	20.79	2.40	-0.58	22.61	30.00	7.39	
4	186.502	21.34	2.60	-2.29	21.65	30.00	8.35	
5	227.122	22.12	3.20	-1.99	23.33	30.00	6.67	
6	254.202	22.80	3.20	-1.85	24.15	37.00	12.85	
7	348.982	15.32	3.90	6.69	25.91	37.00	11.09	
8	497.922	18.13	4.80	1.96	24.89	37.00	12.11	
9	565.622	20.50	5.30	1.61	27.41	37.00	9.59	
10	646.862	21.01	5.60	-1.17	25.44	37.00	11.56	
11	741.642	22.04	6.00	-0.49	27.55	37.00	9.45	
12	836.422	24.10	6.60	-2.86	27.84	37.00	9.16	

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



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Data: 13 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 18:27:57
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 13
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120V / 60Hz
Test Mode : 800*600/75Hz 48KHz
S/N:TY0404729

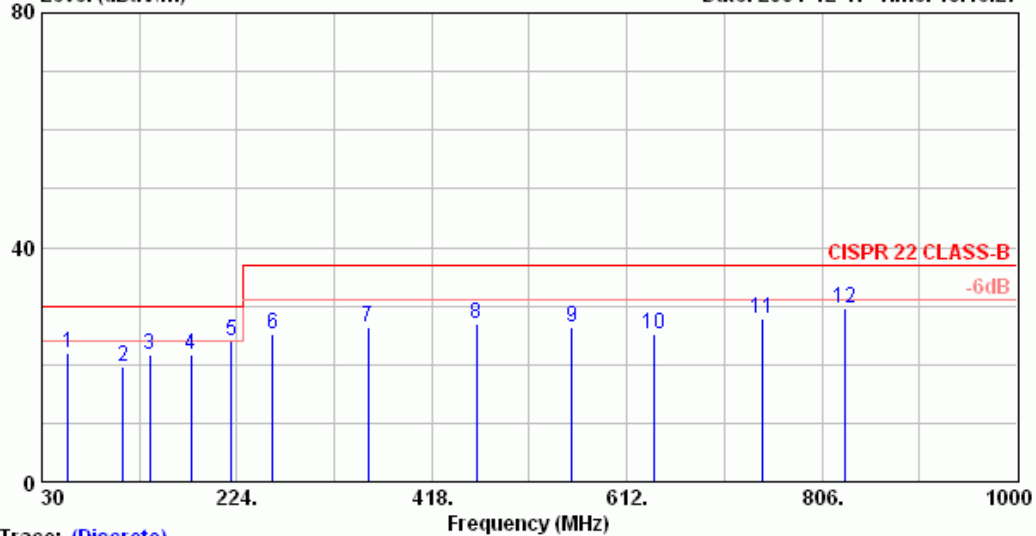
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	64.147	13.40	1.60	5.61	20.61	30.00	9.39	
2	118.307	18.25	2.00	1.14	21.39	30.00	8.61	
3	145.387	20.48	2.40	0.89	23.77	30.00	6.23	
4	175.675	21.35	2.60	-0.78	23.17	30.00	6.83	
5	226.627	23.34	3.20	-1.99	24.55	30.00	5.45	
6	267.247	23.61	3.20	-1.53	25.28	37.00	11.72	
7	362.483	15.95	4.00	6.81	26.76	37.00	10.24	
8	457.263	18.02	4.60	1.67	24.29	37.00	12.71	
9	579.123	20.05	5.20	-1.01	24.24	37.00	12.76	
10	633.283	20.43	5.60	-1.04	24.99	37.00	12.01	
11	768.683	22.81	6.20	-0.61	28.40	37.00	8.60	
12	836.383	24.02	6.60	-0.93	29.69	37.00	7.31	

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



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Data: 12 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 18:16:27
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 12
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120V / 60Hz
Test Mode : 1024*768/75Hz 60KHz
S/N:TY0404729

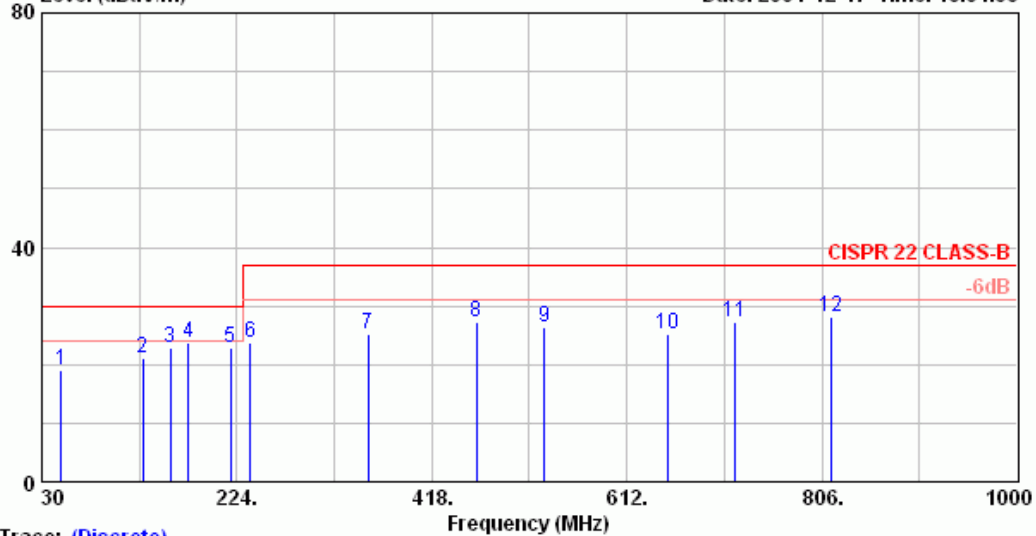
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	56.440	14.37	1.60	6.15	22.12	30.00	7.88	
2	110.600	18.81	2.00	-1.15	19.66	30.00	10.34	
3	137.680	20.57	2.40	-1.41	21.56	30.00	8.44	
4	178.300	21.16	2.60	-1.96	21.80	30.00	8.20	
5	218.920	21.78	3.00	-0.85	23.93	30.00	6.07	
6	259.540	23.27	3.40	-1.53	25.13	37.00	11.87	
7	354.320	15.48	4.00	6.99	26.47	37.00	10.53	
8	462.640	17.78	4.80	4.23	26.81	37.00	10.19	
9	557.420	20.04	5.20	1.19	26.43	37.00	10.57	
10	638.660	20.91	5.60	-1.41	25.10	37.00	11.90	
11	746.980	22.34	6.20	-0.66	27.88	37.00	9.12	
12	828.220	24.09	6.60	-1.22	29.48	37.00	7.52	

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



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Data: 11 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 18:01:55
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 11
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120Vac / 60Hz
Test Mode : 1024*768/75Hz 60KHz
S/N:TY0404729

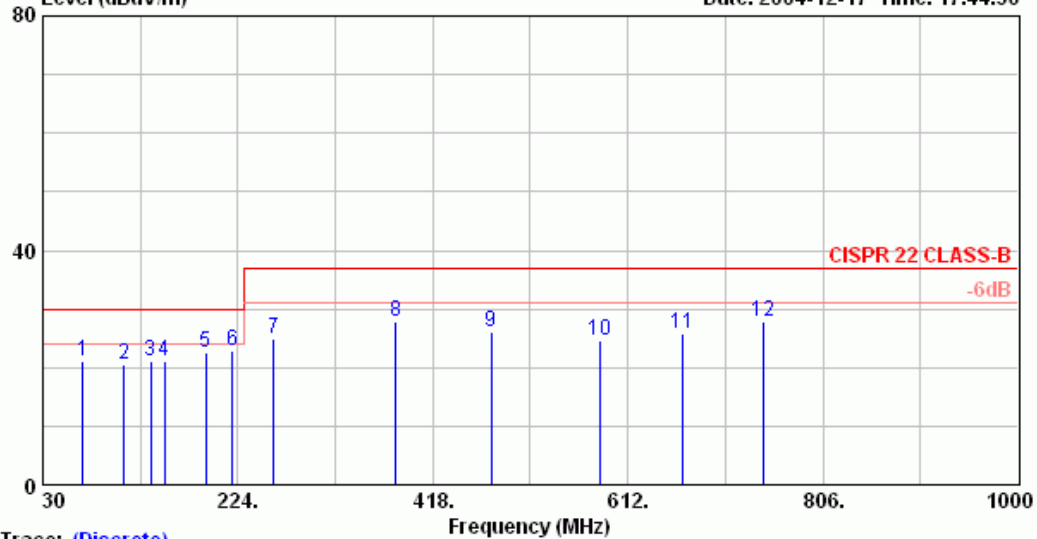
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	49.181	16.27	1.20	1.63	19.10	30.00	10.90	
2	130.421	19.82	2.20	-0.94	21.09	30.00	8.91	
3	157.501	20.47	2.40	-0.03	22.84	30.00	7.16	
4	175.700	21.35	2.60	-0.08	23.87	30.00	6.13	
5	218.065	22.71	3.00	-2.84	22.87	30.00	7.13	
6	237.520	22.92	3.20	-2.37	23.75	37.00	13.25	
7	354.320	15.76	4.00	5.33	25.09	37.00	11.91	
8	462.640	18.44	4.80	3.92	27.16	37.00	9.84	
9	530.340	18.53	5.00	2.90	26.43	37.00	10.57	
10	652.200	21.02	5.60	-1.27	25.34	37.00	11.66	
11	719.900	21.08	6.00	0.28	27.36	37.00	9.64	
12	814.680	23.21	6.60	-1.63	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.



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Data: 10 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 17:44:50
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 10
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120V / 60Hz
Test Mode : PIP
S/N:TY0404729

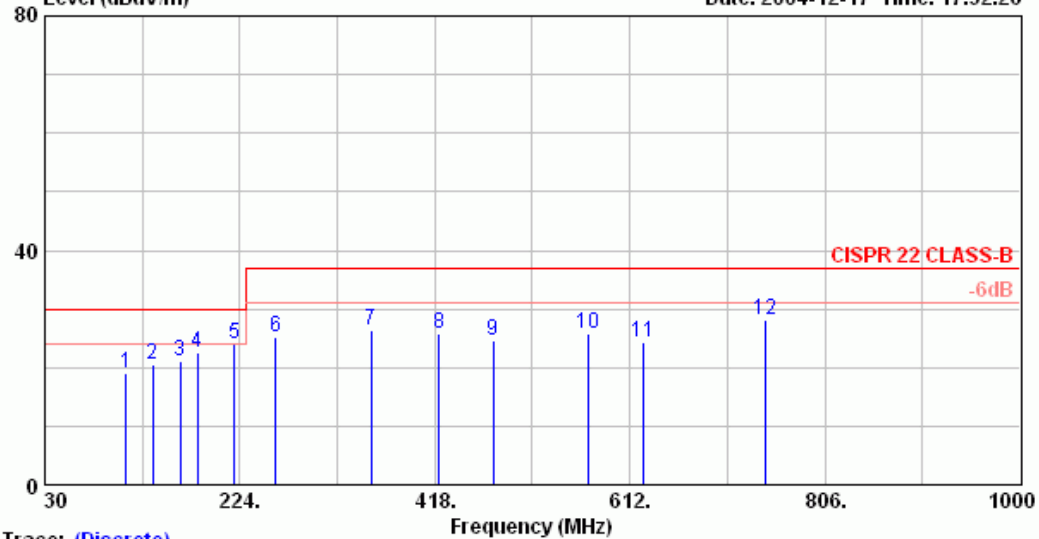
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.980	12.82	1.60	6.72	21.14	30.00	8.86	
2	110.600	18.81	2.00	-0.25	20.56	30.00	9.44	
3	137.680	20.57	2.40	-1.95	21.02	30.00	8.98	
4	151.220	20.73	2.40	-2.13	21.00	30.00	9.00	
5	191.840	21.46	2.80	-1.57	22.69	30.00	7.31	
6	218.920	21.78	3.00	-1.83	22.95	30.00	7.05	
7	259.540	23.27	3.40	-1.71	24.96	37.00	12.04	
8	381.400	15.96	4.00	7.81	27.77	37.00	9.23	
9	476.180	18.08	4.80	3.24	26.12	37.00	10.88	
10	584.500	20.75	5.20	-1.38	24.57	37.00	12.43	
11	665.740	21.61	5.80	-1.48	25.93	37.00	11.07	
12	746.980	22.34	6.20	-0.61	27.93	37.00	9.07	

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



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Data: 9 File: C:\Program Files\ie3\test data\EM931465.EMI (16) Date: 2004-12-17 Time: 17:32:26
Level (dBuV/m)



Trace: (Discrete)

Site no. : Open site 3 Data no. : 9
Dis. / Ant. : 10m VBA6106A/UPA6109 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22°C/60% ESVS10 Engineer : Capa Yang
EUT : LCD TV (15'') M/N:15MF605T
Power Rating : 120V/ 60Hz
Test Mode : PIP
S/N:TY0404729

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	110.600	17.68	2.00	-0.75	18.93	30.00	11.07	
2	137.680	20.24	2.40	-2.15	20.49	30.00	9.51	
3	164.760	20.65	2.60	-2.21	21.04	30.00	8.96	
4	181.994	21.80	2.60	-1.86	22.54	30.00	7.46	
5	218.920	22.85	3.00	-1.81	24.04	30.00	5.96	
6	259.540	23.67	3.40	-1.79	25.28	37.00	11.72	
7	354.320	15.76	4.00	6.68	26.44	37.00	10.56	
8	422.020	16.70	4.40	4.81	25.91	37.00	11.09	
9	476.180	18.60	4.80	1.26	24.66	37.00	12.34	
10	570.960	20.05	5.20	0.60	25.85	37.00	11.15	
11	625.120	20.36	5.40	-1.46	24.30	37.00	12.70	
12	746.980	22.28	6.20	-0.46	28.02	37.00	8.98	

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