

Application for FCC Certificate
On Behalf of
LG Electronics U.S.A., Inc.

LCD Monitor

Model No.: W2042SMT

Serial No.: 802NDGL2Y431

FCC ID : BEJW2042TT

Prepared For : LG Electronics U.S.A., Inc.
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NJ 07632, United States

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Report No. : ACI-F08013
Date of Test : Mar 11-15, 2008
Date of Report : Mar 17, 2008

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TEST REPORT FOR FCC CERTIFICATE

Applicant : LG Electronics U.S.A., Inc.
Manufacturer : LG Electronics Nanjing Display Co., Ltd.
EUT Description : LCD Monitor
(A) Model No. : W2042SMT
(B) Serial No. : 802NDGL2Y431
(C) Power Supply : 120V/60Hz

Test Procedure Used:

*FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B 2007.10
AND ANSI C63.4-2003*

The device described above is tested by Audix Technology (Shanghai) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B (Class B) and ICES-003, Issue 4 February 2004 (CISPR 22:2002) limits both radiated and conducted emissions.

The test results are contained in this test report and Audix Technology (Shanghai) Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. This report shows that the EUT (M/N: W2042SMT; S/N: 802NDGL2Y431) which was tested in 3m anechoic chamber on Mar 11-15, 2008 is technically compliance with the FCC official limits also.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shanghai) Co., Ltd.

This report contains data that are not covered by the NVLAP accreditation.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Mar 11-15, 2008

Prepared By: Alan He 2008.03.20
ALAN HE / Assistant

Reviewer: Dio Yang 2008.3.20
DIO YANG / Supervisor

Approved Signatory:

 For and on behalf of
Audix Technology (Shanghai) Co., Ltd.
Byron Kwo
Authorized Signature EMC BYRON KWO / Manager

1 SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

Description of Test Item	Standard	Limits	Results
EMISSION			
Conducted Disturbance At main terminal	FCC RULES AND REGULATIONS PART 15 SUBPART B 2007.10 AND ANSI C63.4-2003	15.107(a) Class B	Pass
Radiated Disturbance	FCC RULES AND REGULATIONS PART 15 SUBPART B 2007.10 AND ANSI C63.4-2003	15.109(a) Class B	Pass

2 GENERAL INFORMATION

2.1 Description of Equipment Under Test

Description	:	LCD Monitor
Type of EUT	:	☒ Production ☐ Pre-product ☐ Pro-type
Model No.	:	W2042SMT
Serial No.	:	802NDGL2Y431
Real Power	:	38.00W
Max Resolution	:	1680*1050@60Hz.
Applicant	:	LG Electronics U.S.A., Inc. 1000 Sylvan Avenue, Englewood Cliffs, NJ 07632, United States
Manufacturer	:	LG Electronics Nanjing Display Co., Ltd. No.346, Yao Xin Road, Economic&Technical Development Zone, Nanjing, China
LCD Panel	:	Manufacturer: LG. PHILIPS LCD M/N : LM201WE3 (TL) (H2)
D-Sub Cable	:	Shielded, Detachable, 1.80m, with two cores
Audio Cable	:	Shielded, Detachable, 1.60m
Power Cord	:	Shielded, Detachable, 1.80m

Remark:

The EUT is a LCD Monitor which input/output ports as follows:

- | | | |
|--------------------------|---|-------------------------|
| (1) One D-Sub Input Port | : | Connected with PC |
| (2) One Earphone Port | : | Connected with Earphone |
| (3) One Audio Port | : | Connected with PC |
| (4) One AC In Port | : | Connected with Power |

2.2 Peripherals

2.2.1 PC

Manufacturer : HP
Model Number : dx6120MT
Serial Number : CNG53004J2
Power Cord : Unshielded, Detachable, 1.8m
Certificate : FCC DoC; CE/EMC; VCCI; C-Tick; UL
BSMI (R33001) 3C (A000111)
MIC (E-A011-04-2659(B))

2.2.2 Keyboard

Manufacturer : Microsoft
Model Number : RT2300
Serial Number : 7668200662248
Data Cable : Shielded, Undetachable, 1.8m
Certificate : CE/EMC, FCC DoC, VCCI, MIC, C-Tick,
BSMI

2.2.3 Mouse

Manufacturer : Microsoft
Model Number : RT2300
Serial Number : 6965712071551
Data Cable : Shielded, Undetachable, 1.85m.
Certificate : FCC DoC, VCCI, CE/EMC, MIC, GS

2.2.4 Printer

Manufacturer : HP
Model Number : C3990A
Serial Number : JPZX020487
Data Cable : Shielded, Detachable, 1.5m
Certificate : GS, CE/EMC, C-Tick, FCC DoC

2.2.5 Modem

Manufacturer : TP-LINK
Model Number : TM-EC5658V
Serial Number : 07123301053
Data Cable : Shielded, Detachable, 1.8m
Certificate : FCC DoC, CE/EMC, CCC

2.2.6 Earphone

Manufacturer : FEIDIE
Model Number : SD-747
Serial Number : N/A

2.3 Description of Test Facility

Site Description (Semi-Anechoic Chamber) : Sept. 17, 1998 file on
July 26, 2006 Renewed
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046, USA

Name of Firm : Audix Technology (Shanghai) Co., Ltd.

Site Location : 3F 34Bldg 680 Guiping Rd,
Caohejing Hi-Tech Park,
Shanghai, China 200233

NVLAP Lab Code : 200371-0

2.4 Measurement Uncertainty

Conducted Emission Expanded Uncertainty: U = 1.84 dB
Radiated Emission Expanded Uncertainty : U = 2.96 dB

3 CONDUCTED EMISSION TEST

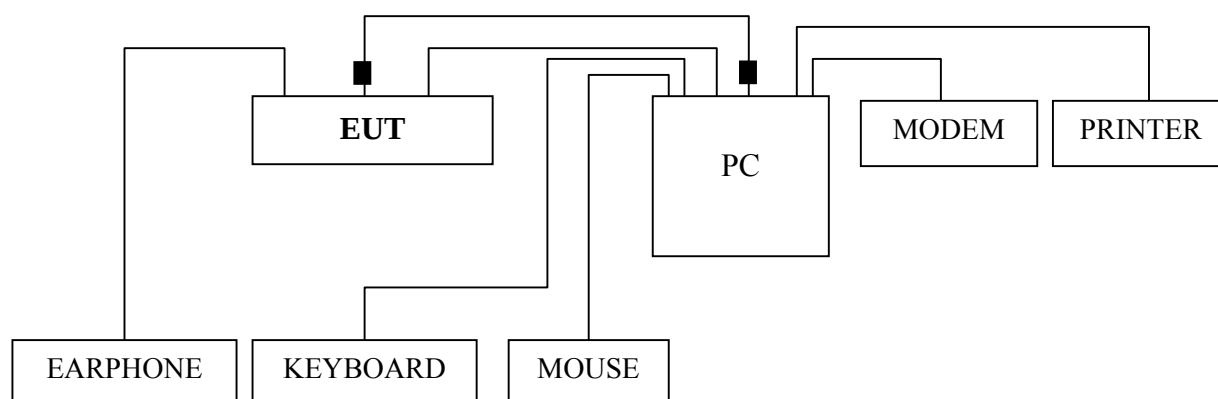
3.1 Test Equipment

The following test equipment are used during the conducted emission test in a shielded room:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESHS10	830223/007	Apr 08, 2007	Apr 08, 2008
2.	Artificial Mains Network (AMN)	R&S	ESH2-Z5	843890/011	Apr 06, 2007	Apr 06, 2008
3.	Line Impedance Stabilization Network (LISN)	Kyoritsu	KNW-407	8-1280-4	Apr 06, 2007	Apr 06, 2008
4.	50 Ω Coaxial Switch	Anritsu	MP59B	6200426389	Sep 18, 2007	Mar 18, 2008
5.	50 Ω Terminator	Anritsu	BNC	001	Apr 06, 2007	Apr 06, 2008
6.	Software	Audix	E3	SET00200 9804M592	--	--

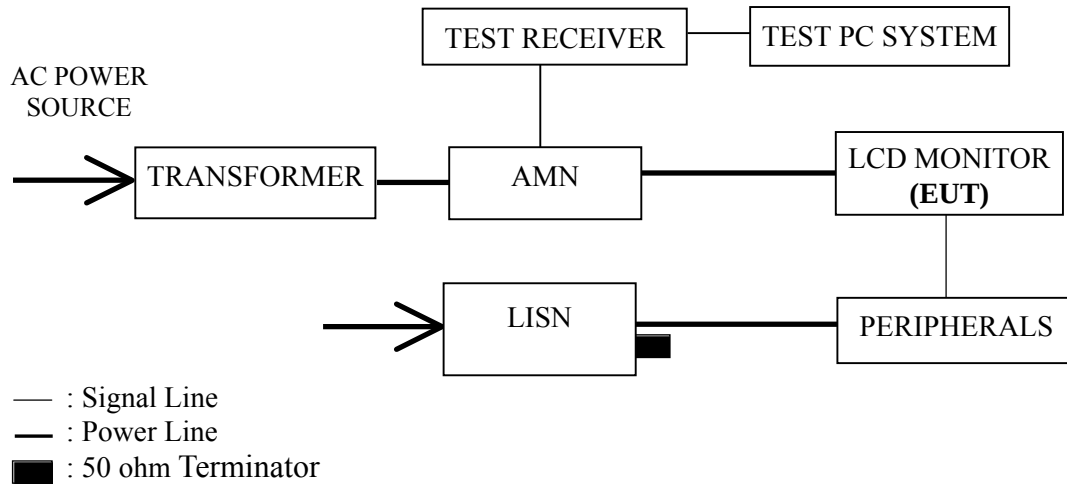
3.2 Block Diagram of Test Setup

3.2.1 EUT & Peripherals



■ : FERRITE CORE

3.2.2 Conducted Disturbance Test Setup



3.3 Conducted Emission Limit [FCC Part 15 Subpart B 15.107(a)]

Frequency Range (MHz)	Limits dB (μV)	
	Quasi-peak	Average
0.15 ~ 0.5	66~56	56~46
0.5 ~ 5	56	46
5 ~ 30	60	50
NOTE 1 – The lower limit shall apply at the transition frequencies. NOTE 2 – The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz~0.50 MHz		

3.4 Test Configuration

The EUT (listed in Sec.2.1) and the Peripherals (listed in Sec 2.2) were installed as shown on Sec.3.2 to meet FCC requirement and operating in a manner that tends to maximize its emission level in a normal application.

3.5 Operating Condition of EUT

- 3.5.1 Setup the EUT and Peripherals as shown in Sec. 3.2.
- 3.5.2 Turn on the power of all equipment and the EUT.
- 3.5.3 Set the contrast & brightness of EUT to maximum.
- 3.5.4 PC system ran the self-test program “EMC Test” by windows XP and sent “H” characters to EUT through graphic card, the EUT’s screen displayed and filled with “H” pattern by it’s resolution. (Via D-Sub Input). PC was playing music and transferring the audio signal to EUT through audio cable, the EUT speaker out music through earphone.
- 3.5.5 Repeat above procedure from 3.5.3 to 3.5.4 for difference test mode.
- 3.5.6 The other peripherals devices were driven and operated during the test.
- 3.5.7 The test modes are as follows:

Test Mode
VGA 640*480@60Hz
VGA 1024*768@60Hz
VGA 1680*1050@60Hz

3.6 Test Procedures

The EUT and peripherals were connected to the power mains through a Artificial Mains Network (AMN). This provided a 50 ohm coupling impedance for the measuring equipment.

Both sides of AC line (Line & Neutral) were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed or manipulated according to ANSI C63.4:2003 during conducted emission test.

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

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

The test modes were done on conducted disturbance test and all the test results are listed in Sec. 3.7.

3.7 Test Results

< PASS >

The frequency and amplitude of the highest conducted emission relative to the limit is reported. All emissions not reported below are too low against the prescribed limits.

Test Mode	Data Page
VGA 640*480@60Hz	P12
VGA 1024*768@60Hz	P13
VGA 1680*1050@60Hz	P14

NOTE 1 – Factor = Cable Loss + AMN Factor.

NOTE 2 – Emission Level = Meter Reading + Factor.

NOTE 3 – “QP” means “Quasi-Peak” values, “AV” means “Average” values.

NOTE 4 – The worst case is for VGA 640*480@60Hz mode. The worst emission is detected at 0.150 MHz with corrected signal level of 48.13 (μV) (limit is 56.00 dB (μV)), when the Neutral (Average Value) of the EUT is connected to AMN.

EUT : LCD Monitor Temperature : 22°C

Model No. : W2042SMT Humidity : 60%

Serial No. : 802NDGL2Y431 Date of Test : Mar 15, 2008

Test Mode : VGA 640*480@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	54.90	0.66	55.56	66.00	10.44	QP
	0.219	48.30	0.73	49.03	62.86	13.83	
	0.292	40.51	0.70	41.21	60.47	19.26	
	0.365	39.01	0.68	39.69	58.61	18.92	
	0.805	35.89	0.59	36.48	56.00	19.52	
	4.460	44.70	0.64	45.34	56.00	10.66	
	0.150	46.10	0.66	46.76	56.00	9.24	AV
	0.219	41.80	0.73	42.53	52.86	10.33	
	0.292	34.31	0.70	35.01	50.47	15.46	
	0.365	35.61	0.68	36.29	48.61	12.32	
	0.805	32.19	0.59	32.78	46.00	13.22	
	4.460	35.60	0.64	36.24	46.00	9.76	
Neutral	0.150	57.40	0.53	57.93	66.00	8.07	QP
	0.217	47.69	0.67	48.36	62.93	14.57	
	0.290	38.90	0.66	39.56	60.52	20.96	
	0.367	38.20	0.65	38.85	58.57	19.72	
	4.320	42.20	0.54	42.74	56.00	13.26	
	7.040	42.40	0.79	43.19	60.00	16.81	
	0.150	47.60	0.53	48.13	56.00	7.87	AV
	0.217	41.09	0.67	41.76	52.93	11.17	
	0.290	33.90	0.66	34.56	50.52	15.96	
	0.367	35.90	0.65	36.55	48.57	12.02	
	4.320	32.10	0.54	32.64	46.00	13.36	
	7.040	39.30	0.79	40.09	50.00	9.91	

TEST ENGINEER: TOM SI

EUT : LCD Monitor Temperature : 22°C

Model No. : W2042SMT Humidity : 60%

Serial No. : 802NDGL2Y431 Date of Test : Mar 15, 2008

Test Mode : VGA 1024*768@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	52.70	0.66	53.36	66.00	12.64	QP
	0.218	46.90	0.73	47.63	62.89	15.26	
	0.293	39.31	0.70	40.01	60.44	20.43	
	0.366	38.20	0.68	38.88	58.59	19.71	
	0.805	35.59	0.59	36.18	56.00	19.82	
	4.460	44.50	0.64	45.14	56.00	10.86	
	0.150	44.00	0.66	44.66	56.00	11.34	AV
	0.218	40.70	0.73	41.43	52.89	11.46	
	0.293	32.91	0.70	33.61	50.44	16.83	
	0.366	35.50	0.68	36.18	48.59	12.41	
	0.805	31.99	0.59	32.58	46.00	13.42	
	4.460	36.40	0.64	37.04	46.00	8.96	
Neutral	0.150	52.30	0.53	52.83	66.00	13.17	QP
	4.460	43.20	0.54	43.74	56.00	12.26	
	0.654	35.91	0.59	36.50	56.00	19.50	
	0.366	37.50	0.65	38.15	58.59	20.44	
	0.291	37.30	0.66	37.96	60.50	22.54	
	0.219	45.79	0.67	46.46	62.86	16.40	
	4.460	33.80	0.54	34.34	46.00	11.66	AV
	0.654	32.41	0.59	33.00	46.00	13.00	
	0.366	35.70	0.65	36.35	48.59	12.24	
	0.291	32.80	0.66	33.46	50.50	17.04	
	0.219	40.09	0.67	40.76	52.86	12.10	
	0.150	43.20	0.53	43.73	56.00	12.27	

TEST ENGINEER: TOM SI

EUT : LCD Monitor Temperature : 22°C

Model No. : W2042SMT Humidity : 60%

Serial No. : 802NDGL2Y431 Date of Test : Mar 15, 2008

Test Mode : VGA 1680*1050@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	50.40	0.66	51.06	66.00	14.94	QP
	0.219	45.30	0.73	46.03	62.86	16.83	
	0.293	37.51	0.70	38.21	60.44	22.23	
	0.365	38.21	0.68	38.89	58.61	19.72	
	0.804	35.19	0.59	35.78	56.00	20.22	
	4.090	42.91	0.62	43.53	56.00	12.47	
	0.150	41.90	0.66	42.56	56.00	13.44	AV
	0.219	40.10	0.73	40.83	52.86	12.03	
	0.293	31.81	0.70	32.51	50.44	17.93	
	0.365	35.71	0.68	36.39	48.61	12.22	
	0.804	32.29	0.59	32.88	46.00	13.12	
	4.090	35.41	0.62	36.03	46.00	9.97	
Neutral	0.150	51.10	0.53	51.63	66.00	14.37	QP
	0.219	45.09	0.67	45.76	62.86	17.10	
	0.290	36.60	0.66	37.26	60.52	23.26	
	0.365	38.00	0.65	38.65	58.61	19.96	
	0.654	35.51	0.59	36.10	56.00	19.90	
	4.530	42.90	0.54	43.44	56.00	12.56	
	0.150	42.60	0.53	43.13	56.00	12.87	AV
	0.219	40.09	0.67	40.76	52.86	12.10	
	0.290	32.70	0.66	33.36	50.52	17.16	
	0.365	36.50	0.65	37.15	48.61	11.46	
	0.654	32.11	0.59	32.70	46.00	13.30	
	4.530	33.00	0.54	33.54	46.00	12.46	

TEST ENGINEER: TOM SI

4 RADIATED EMISSION TEST

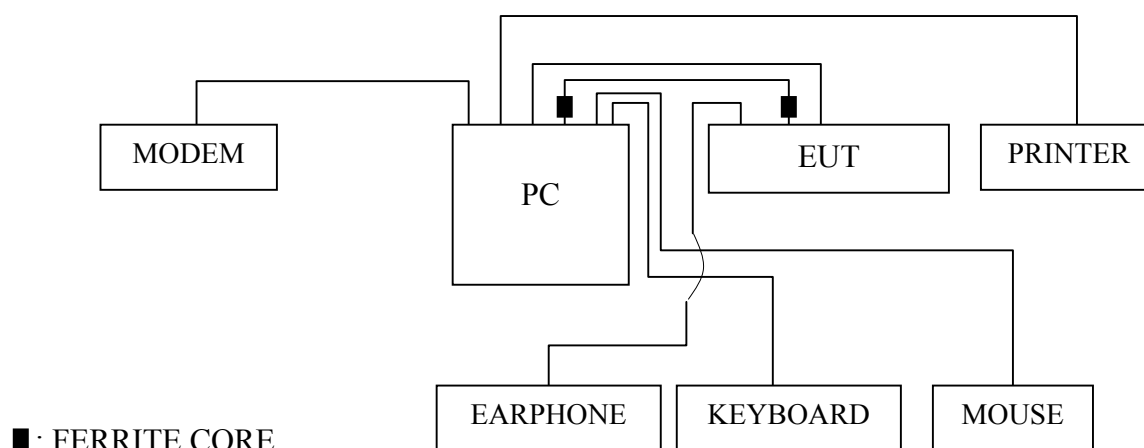
4.1 Test Equipment

The following test equipment are used during the radiated emission test in a semi-anechoic chamber:

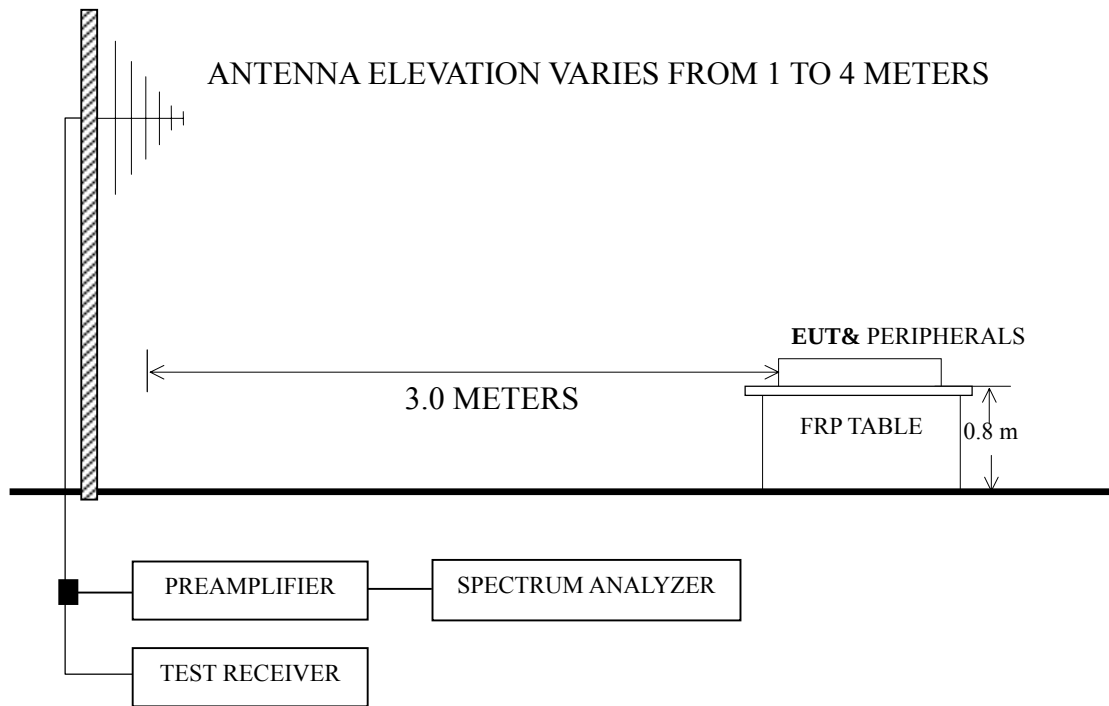
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESVS10	844594/001	Apr 06, 2007	Apr 06, 2008
2.	Preamplifier	Agilent	8447D	2944A10548	Sep 19, 2007	Mar 19, 2008
3.	Preamplifier	HP	8449B	3008A00864	Apr 06, 2007	Apr 06, 2008
4.	Bi-log Antenna	TESEQ	CBL6112D	23193	Aug 16, 2007	Aug 16, 2008
5.	Spectrum	Agilent	E7405A	MY45106600	Apr 06, 2007	Apr 06, 2008
6.	Software	Audix	E3	SET00200 9912M295-2	--	--

4.2 Block Diagram of Test Setup

4.2.1 EUT and Peripherals



4.2.2 Radiated emission test setup



■ : 50 ohm Coaxial Switch

4.3 Radiated Emission Limit [FCC Part 15 Subpart B 15.109(a)]

Frequency (MHz)	Distance (m)	Field strength limits	
		($\mu\text{V/m}$)	dB ($\mu\text{V/m}$)
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0

NOTE 1 - Emission Level dB ($\mu\text{V/m}$) = 20 log Emission Level ($\mu\text{V/m}$)

NOTE 2 - The tighter limit applies at the band edges.

NOTE 3 - Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

NOTE 4 - The limits shown are based on Quasi-peak value detector below or equal to 1GHz and Average value detector above 1GHz.

NOTE 5 - Above 1 GHz, the limit on peak emission is 20 dB above the maximum permitted average emission limit applicable to the EUT

4.4 Test Configuration

The configuration of the EUT and Peripherals are same as those used in conducted emission test.

Please refer to Sec.3.4.

4.5 Operating Condition of EUT

Same as conducted emission test which is listed in Sec.3.5, except the test setup replaced by Sec.4.2.

4.6 Test Procedures

The EUT and Peripherals were placed on a FRP turntable that is 0.8 meter above ground. The FRP turntable rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna, which was mounted on an antenna tower. Broadband antenna (Calibrated Bilog Antenna) was used as receiving antenna. The antenna moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarizations of the antenna were set on measurement. In order to find the maximum emission, all of the interference cables were manipulated according to ANSI C63.4:2003 requirements during radiated emission test.

The bandwidth of Test Receiver R&S ESVS10 was set at 120 kHz below 1GHz and The Spectrum Agilent E7405A was set at 1MHz above 1GHz.

The frequency range from 30 MHz to 1000 MHz was checked for all test modes.

The frequency range from 1 GHz to 2 GHz was checked for VGA 1680*1050@60Hz mode.

The test modes were done on radiated disturbance test and all the test results are listed in Sec.4.7.

4.7 Test Results

<PASS>

The frequency and amplitude of the highest radiated emission relative the limit is reported. All the emissions not reported below are too low against the FCC limit.

Test Mode	Data Page
VGA 640*480@60Hz	P19
VGA 1024*768@60Hz	P20
VGA 1680*1050@60Hz	P21

NOTE 1 – Emission Level = Antenna Factor + Cable Loss + Meter Reading.(< 1GHz)

NOTE 2 – Emission Level = Antenna Factor + Cable Loss – Preamp Factor + Meter Reading.(> 1GHz)

NOTE 3 – The emission levels that are 20dB below the official limit are not reported.

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

NOTE 5 – All reading are Quasi-Peak values below or equal to 1GHz and Peak values above 1GHz.

NOTE 6 – The worst case is for VGA 1680*1050@60Hz. The worst emission at horizontal polarization was detected at 238.550 MHz with corrected signal level of 41.42 dB (μV/m) (limit is 46.00 dB (μV/m)), when the antenna was 1.10 m height and the turntable was at 235°. The worst emission at vertical polarization was detected at 441.280 MHz with corrected signal level of 42.81 dB (μV/m) (limit is 46.00 dB (μV/m)), when the antenna was 1.00 m height and the turntable was at 130°.

EUT : LCD Monitor Temperature : 22°C

Model No. : W2042SMT Humidity : 60%

Serial No. : 802NDGL2Y431 Date of Test : Mar 11, 2008

Test Mode : VGA 640*480@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)
Horizontal	127.970	17.77	11.44	1.93	31.14	43.50	12.36
	179.380	24.87	8.08	2.24	35.19	43.50	8.31
	244.370	28.55	11.39	2.75	42.69	46.00	3.31
	305.480	21.56	13.05	3.15	37.76	46.00	8.24
	356.890	19.12	14.58	3.42	37.12	46.00	8.88
	391.810	18.05	15.40	3.57	37.02	46.00	8.98
Vertical	31.940	17.73	16.90	0.92	35.55	40.00	4.45
	112.450	25.74	11.20	1.80	38.74	43.50	4.76
	137.670	25.15	10.76	1.99	37.90	43.50	5.60
	243.400	23.40	11.23	2.75	37.38	46.00	8.62
	426.730	22.55	16.50	3.72	42.77	46.00	3.23
	625.580	18.85	19.10	4.41	42.36	46.00	3.64

TEST ENGINEER: LEO XUE

EUT : LCD Monitor Temperature : 22°C

Model No. : W2042SMT Humidity : 60%

Serial No. : 802NDGL2Y431 Date of Test : Mar 11, 2008

Test Mode : VGA 1024*768@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)
Horizontal	110.510	16.91	11.20	1.79	29.90	43.50	13.60
	116.330	23.12	11.23	1.83	36.18	43.50	7.32
	175.500	25.61	8.44	2.22	36.27	43.50	7.23
	183.260	27.06	8.00	2.25	37.31	43.50	6.19
	244.370	28.09	11.39	2.75	42.23	46.00	3.77
	279.290	22.00	12.39	3.00	37.39	46.00	8.61
Vertical	110.510	25.64	11.20	1.79	38.63	43.50	4.87
	116.330	26.69	11.23	1.83	39.75	43.50	3.75
	175.500	27.05	8.44	2.22	37.71	43.50	5.79
	182.290	29.80	8.00	2.25	40.05	43.50	3.45
	244.370	24.67	11.39	2.75	38.81	46.00	7.19
	425.760	21.77	16.50	3.72	41.99	46.00	4.01

TEST ENGINEER: LEO XUE

EUT : LCD Monitor Temperature : 22°C

Model No. : W2042SMT Humidity : 60%

Serial No. : 802NDGL2Y431 Date of Test : Mar 11, 2008

Test Mode : VGA 1680*1050@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	178.410	24.02	8.17	2.23	--	34.42	43.50	9.08	QP
	191.990	24.76	8.35	2.30	--	35.41	43.50	8.09	
	215.270	27.58	7.85	2.50	--	37.93	43.50	5.57	
	238.550	27.92	10.79	2.71	--	41.42	46.00	4.58	
	274.440	23.71	12.25	2.96	--	38.92	46.00	7.08	
	293.840	23.40	12.69	3.08	--	39.17	46.00	6.83	
	680.000	45.35	22.55	6.34	37.47	36.77	74.00	37.23	PK
	1225.000	45.14	23.00	6.82	37.11	37.85	74.00	36.15	
	1302.000	45.66	23.62	6.91	36.94	39.25	74.00	34.75	
	1498.000	45.40	25.35	7.12	36.53	41.34	74.00	32.66	
	1742.000	44.68	25.94	8.41	36.10	42.93	74.00	31.07	
	1906.000	45.12	27.18	8.93	35.84	45.39	74.00	28.61	
Vertical	36.790	19.65	14.15	0.94	--	34.74	40.00	5.26	QP
	83.350	24.95	7.30	1.55	--	33.80	40.00	6.20	
	94.990	26.66	9.50	1.65	--	37.81	43.50	5.69	
	143.490	26.69	10.22	2.03	--	38.94	43.50	4.56	
	155.130	28.69	9.50	2.11	--	40.30	43.50	3.20	
	441.280	22.70	16.34	3.77	--	42.81	46.00	3.19	
	1031.000	55.10	22.00	6.14	37.61	45.63	74.00	28.37	PK
	1139.000	50.41	22.40	6.55	37.33	42.03	74.00	31.97	
	1264.000	53.57	23.41	6.86	37.02	46.82	74.00	27.18	
	1455.000	54.10	25.10	7.07	36.62	49.65	74.00	24.35	
	1741.000	46.23	25.94	8.41	36.10	44.48	74.00	29.52	
	1920.000	46.36	27.31	8.98	35.81	46.84	74.00	27.16	

TEST ENGINEER: LEO XUE

5 DEVIATION TO TEST SPECIFICATIONS

None.

6 DEBUG DESCRIPTION

Name	M/N	Specifications (mm)	Manufacturer	Location
Aluminum foil	T-308	50*30	DAEHUNG SUBSIDIARY MATERIALS	See Internal Photos 19