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

LCD Monitor

Model No.: L1742SMT

Serial No.: E08041701

FCC ID : BEJL1742ST

Prepared For : LG Electronics U.S.A., Inc.
1000 Sylvan Avenue, Englewood Cliffs,
NJ 07632, United States

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Report No. : ACI-F08023
Date of Test : Apr 18 – 22, 2008
Date of Report : Apr 23, 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. : L1742SMT
		(B) Serial No. : E08041701
		(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: L1742SMT; S/N: E08041701) which was tested in 3m anechoic chamber on Apr 18 – 22, 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 : Apr 18 – 22, 2008

Prepared By: Zeno Gu 2008.04.25
ZENO GU / Assistant

Reviewer: Dio Yang 2008.4.25
DIO YANG / Supervisor

AUDIX® For and on behalf of
Audix Technology (Shanghai) Co., Ltd.

Approved Signatory: 2008.04.25
Authorized Signature EMC SAMMY CHEN / Assistant 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.	:	L1742SMT
Serial No.	:	E08041701
Real Power	:	31.0W
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 : LM170E03 (TL) (G1)
Max Resolution	:	1280*1024@75Hz
D-Sub Cable	:	Shielded, Detachable, 1.80m, with two cores
Audio Cable	:	Shielded, Detachable, 1.60m
Power Cord	:	Unshielded, Detachable, 1.80m

Remark:

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

(1) One D-Sub Port
: Connected with PC

(2) One Audio In Port
: Connected with PC

(3) One Earphone Port
: Connected with Earphone

(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 Printer

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

2.2.3 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

2.2.4 Mouse

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

2.2.5 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

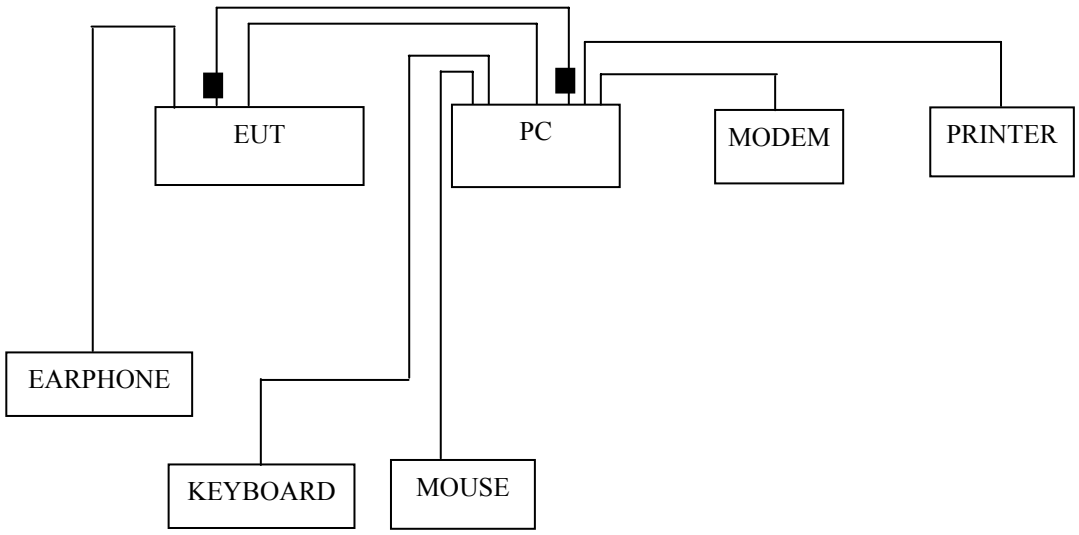
3.1 Test Equipment

The following test equipments 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	Oct 26, 2007	Oct 26, 2008
2.	Artificial Mains Network (AMN)	R&S	ESH2-Z5	843890/011	Apr 06, 2008	Apr 06, 2009
3.	Line Impedance Stabilization Network (LISN)	Kyoritsu	KNW-407	8-1280-4	Apr 06, 2008	Apr 06, 2009
4.	50 Ω Coaxial Switch	Anritsu	MP59B	6200426389	Mar 18, 2008	Sep 18, 2008
5.	50Ω Terminator	Anritsu	BNC	001	Apr 06, 2008	Apr 06, 2009
6.	Software	Audix	E3	SET00200 9804M592	--	--

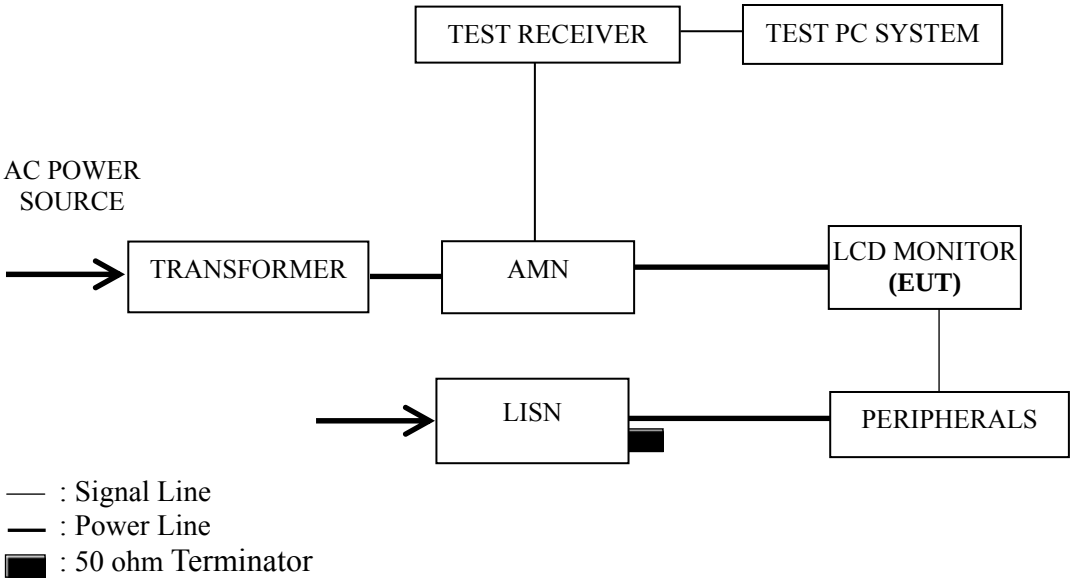
3.2 Block Diagram of Test Setup

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 equipments 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 its resolution (Via D-Sub Input).

3.5.5 PC system played music and sent audio signal to EUT through the audio in port of EUT.

3.5.6 Repeat above procedure from 3.5.3 to 3.5.5 for difference test mode.

3.5.7 The other peripherals devices were driven and operated during the test.

3.5.8 The test modes are as follows:

Model Number	Test Mode
L1742SMT	VGA 640*480@60Hz
	VGA 1024*768@60Hz
	VGA 1280*1050@75Hz

3.6 Test Procedures

The EUT and peripherals were connected to the power mains through an 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.

Model Number	Test Mode	Data Page
L1742SMT	VGA 640*480@60Hz	P12
	VGA 1024*768@60Hz	P13
	VGA 1280*1050@75Hz	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 1024*768@60Hz test mode. The worst emission is detected at 4.361 MHz (Average Value) with corrected signal level of 39.42 dB (μV) (limit is 46.00 dB (μV)), when the Line of the EUT is connected to AMN.

EUT	:	LCD Monitor	Temperature :	22℃	
Model No.	:	L1742SMT	Humidity	:	60%RH
Serial No.	:	E08041701	Date of Test	:	Apr 18, 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	0.152	48.15	0.58	48.73	65.87	17.14	QP
	0.214	45.02	0.64	45.66	63.05	17.39	
	0.286	38.33	0.61	38.94	60.63	21.69	
	0.499	33.66	0.59	34.25	56.01	21.76	
	3.985	40.75	0.55	41.30	56.00	14.70	
	4.361	43.94	0.56	44.50	56.00	11.50	
	0.152	42.15	0.58	42.73	55.87	13.14	AV
	0.214	40.02	0.64	40.66	53.05	12.39	
	0.286	32.33	0.61	32.94	50.63	17.69	
	0.499	27.66	0.59	28.25	46.01	17.76	
	3.985	34.75	0.55	35.30	46.00	10.70	
	4.361	**37.94**	**0.56**	**38.50**	**46.00**	**7.50**	
Neutral	0.150	49.16	0.45	49.61	66.00	16.39	QP
	0.213	44.19	0.58	44.77	63.10	18.33	
	0.358	36.57	0.57	37.14	58.78	21.64	
	0.499	35.39	0.58	35.97	56.01	20.04	
	3.985	38.09	0.46	38.55	56.00	17.45	
	4.361	42.42	0.46	42.88	56.00	13.12	
	0.150	43.16	0.45	43.61	56.00	12.39	AV
	0.213	38.19	0.58	38.77	53.10	14.33	
	0.358	31.57	0.57	32.14	48.78	16.64	
	0.499	30.39	0.58	30.97	46.01	15.04	
	3.985	34.09	0.46	34.55	46.00	11.45	
	4.361	37.42	0.46	37.88	46.00	8.12	

TEST ENGINEER: TOM SI

EUT	:	LCD Monitor	Temperature :	22℃	
Model No.	:	L1742SMT	Humidity	:	60%RH
Serial No.	:	E08041701	Date of Test	:	Apr 18, 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	0.216	45.47	0.64	46.11	62.96	16.85	QP
	0.286	40.50	0.61	41.11	60.63	19.52	
	0.358	35.71	0.60	36.31	58.78	22.47	
	0.428	35.53	0.60	36.13	57.29	21.16	
	3.922	40.20	0.55	40.75	56.00	15.25	
	4.361	43.86	0.56	44.42	56.00	11.58	
	0.216	39.47	0.64	40.11	52.96	12.85	AV
	0.286	34.50	0.61	35.11	50.63	15.52	
	0.358	29.71	0.60	30.31	48.78	18.47	
	0.428	30.53	0.60	31.13	47.29	16.16	
	3.922	35.20	0.55	35.75	46.00	10.25	
	4.361	**38.86**	**0.56**	**39.42**	**46.00**	**6.58**	
Neutral	0.211	44.92	0.58	45.50	63.18	17.68	QP
	0.247	40.04	0.57	40.61	61.86	21.25	
	0.354	37.05	0.57	37.62	58.87	21.25	
	0.499	34.72	0.58	35.30	56.01	20.71	
	3.985	38.65	0.46	39.11	56.00	16.89	
	4.430	43.16	0.46	43.62	56.00	12.38	
	0.211	38.92	0.58	39.50	53.18	13.68	AV
	0.247	35.04	0.57	35.61	51.86	16.25	
	0.354	32.05	0.57	32.62	48.87	16.25	
	0.499	29.72	0.58	30.30	46.01	15.71	
	3.985	33.65	0.46	34.11	46.00	11.89	
	4.430	38.16	0.46	38.62	46.00	7.38	

TEST ENGINEER: TOM SI

EUT	:	LCD Monitor	Temperature :	22℃	
Model No.	:	L1742SMT	Humidity :	60%RH	
Serial No.	:	E08041701	Date of Test :	Apr 18, 2008	
Test Mode	:	VGA 1280*1050@75Hz			

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.212	45.00	0.64	45.64	63.13	17.49	QP
	0.284	39.60	0.61	40.21	60.70	20.49	
	0.429	35.20	0.60	35.80	57.27	21.47	
	0.500	33.50	0.59	34.09	56.00	21.91	
	4.350	44.90	0.56	45.46	56.00	10.54	
	4.500	42.79	0.57	43.36	56.00	12.64	
	0.212	38.50	0.64	39.14	53.13	13.99	AV
	0.284	34.30	0.61	34.91	50.70	15.79	
	0.429	32.80	0.60	33.40	47.27	13.87	
	0.500	28.80	0.59	29.39	46.00	16.61	
	4.350	37.20	0.56	37.76	46.00	8.24	
	4.500	35.89	0.57	36.46	46.00	9.54	
Neutral	0.214	45.49	0.58	46.07	63.05	16.98	QP
	0.251	39.92	0.57	40.49	61.73	21.24	
	0.286	38.80	0.57	39.37	60.63	21.26	
	0.354	37.57	0.57	38.14	58.87	20.73	
	0.499	34.60	0.58	35.18	56.01	20.83	
	4.430	42.40	0.46	42.86	56.00	13.14	
	0.214	40.49	0.58	41.07	53.05	11.98	AV
	0.251	34.92	0.57	35.49	51.73	16.24	
	0.286	34.80	0.57	35.37	50.63	15.26	
	0.354	33.57	0.57	34.14	48.87	14.73	
	0.499	30.60	0.58	31.18	46.01	14.83	
	4.430	**37.40**	**0.46**	**37.86**	**46.00**	**8.14**	

TEST ENGINEER: TOM SI

4 RADIATED EMISSION TEST

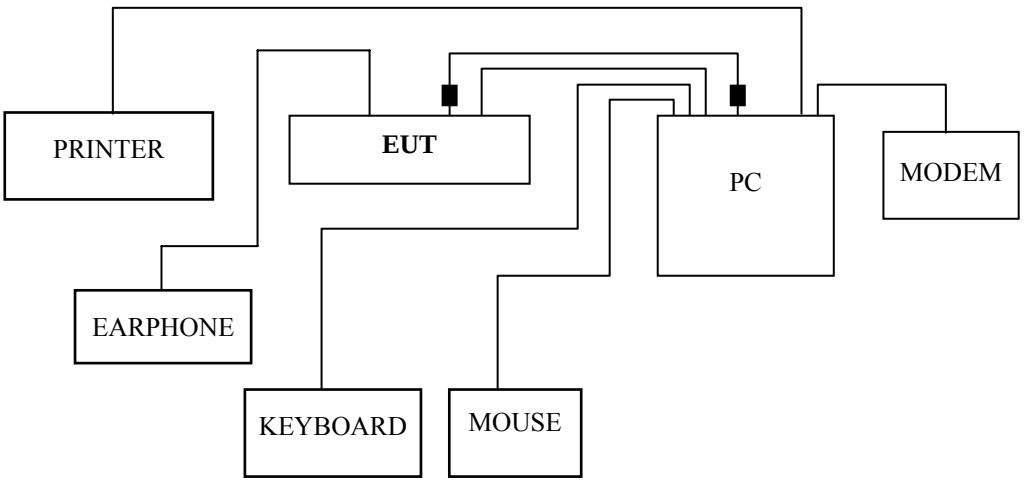
4.1 Test Equipment

The following test equipments 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	Oct 26, 2007	Oct 26, 2008
2.	Preamplifier	Agilent	8447D	2944A10548	Mar 19, 2008	Sep 19, 2008
3.	Preamplifier	HP	8449B	3008A00864	Apr 06, 2008	Apr 06, 2009
4.	Bi-log Antenna	TESEQ	CBL6112D	23193	Aug 16, 2007	Aug 16, 2008
5.	Spectrum	Agilent	E7405A	MY45106600	Apr 06, 2008	Apr 06, 2009
6.	Software	Audix	E3	SET00200 9912M295-2	--	--

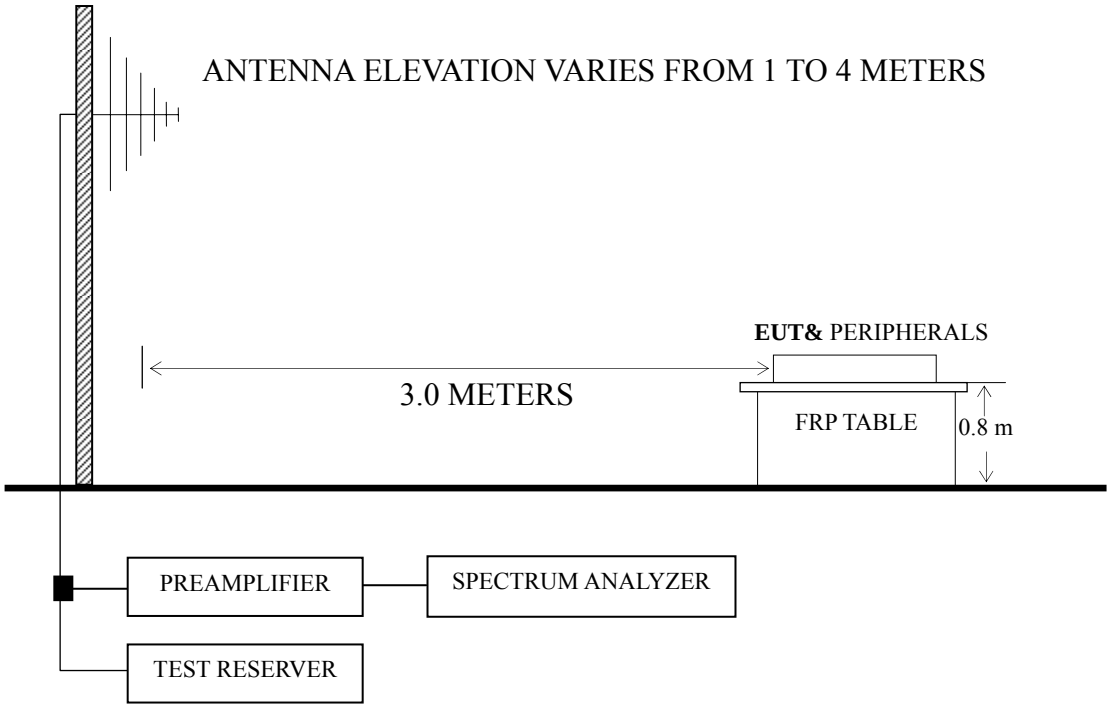
4.2 Block Diagram of Test Setup

4.2.1 EUT and Peripherals



■: Ferrite core

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	
		(μV/m)	dB (μV/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 (μV/m) = 20 log Emission Level (μV/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 for 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 1000MHz was checked for all test modes.

The frequency range from 1 GHz to 2 GHz was checked for VGA 1280*1050@75Hz modes.

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.

Model Number	Test Mode	Data Page
L1742SMT	VGA 640*480@60Hz	P19
	VGA 1024*768@60Hz	P20
	VGA 1280*1024@75Hz	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 1280*1024@75Hz test mode. The worst emission at horizontal polarization was detected at 680.870 MHz with corrected signal level of 42.23 dB (μV/m) (limit is 46.00 dB (μV/m)), when the antenna was 1.10 m height and the turntable was at 160°. The worst emission at vertical polarization was detected at 471.350 MHz with corrected signal level of 42.95 dB (μV/m) (limit is 46.00 dB (μV/m)), when the antenna was 1.00 m height and the turntable was at 205°.

EUT	:	LCD Monitor	Temperature :	22℃
Model No.	:	L1742SMT	Humidity :	60%RH
Serial No.	:	E08041701	Date of Test :	Apr 22, 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	30.970	11.26	17.55	0.91	29.72	40.00	10.28
	134.760	21.09	11.00	1.98	34.07	43.50	9.43
	311.300	21.92	13.25	3.18	38.35	46.00	7.65
	333.610	22.13	13.88	3.30	39.31	46.00	6.69
	467.470	18.52	16.93	3.87	39.32	46.00	6.68
	668.260	**18.53**	**18.96**	**4.64**	**42.13**	**46.00**	**3.87**
Vertical	**33.880**	**20.18**	**15.77**	**0.93**	**36.88**	**40.00**	**3.12**
	67.830	29.32	5.27	1.37	35.96	40.00	4.04
	134.760	22.34	11.00	1.98	35.32	43.50	8.18
	280.260	22.99	12.45	3.00	38.44	46.00	7.56
	406.360	19.69	16.27	3.64	39.60	46.00	6.40
	466.500	21.68	16.87	3.87	42.42	46.00	3.58

TEST ENGINEER: LEO XUE

EUT	:	LCD Monitor	Temperature :	22℃
Model No.	:	L1742SMT	Humidity :	60%RH
Serial No.	:	E08041701	Date of Test :	Apr 22, 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	30.970	12.45	17.55	0.91	30.91	40.00	9.09
	134.760	22.38	11.00	1.98	35.36	43.50	8.14
	266.680	20.03	12.51	2.91	35.45	46.00	10.55
	332.640	22.72	13.83	3.30	39.85	46.00	6.15
	467.470	15.78	16.93	3.87	36.58	46.00	9.42
	676.020	**17.68**	**18.95**	**4.67**	**41.30**	**46.00**	**4.70**
Vertical	36.790	21.00	14.15	0.94	36.09	40.00	3.91
	67.830	28.26	5.27	1.37	34.90	40.00	5.10
	134.760	22.37	11.00	1.98	35.35	43.50	8.15
	389.870	19.53	15.30	3.57	38.40	46.00	7.60
	474.260	21.13	17.07	3.91	42.11	46.00	3.89
	800.180	**17.22**	**19.95**	**5.40**	**42.57**	**46.00**	**3.43**

TEST ENGINEER: LEO XUE

EUT	:	LCD Monitor	Temperature :	22℃
Model No.	:	L1742SMT	Humidity :	60%RH
Serial No.	:	E08041701	Date of Test :	Apr 22, 2008
Test Mode	:	VGA 1280*1024@75Hz		

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	135.730	21.40	10.95	1.98	--	34.33	43.50	9.17	QP
	202.660	23.59	8.62	2.35	--	34.56	43.50	8.94	
	335.550	22.00	13.91	3.30	--	39.21	46.00	6.79	
	477.170	16.21	17.15	3.91	--	37.27	46.00	8.73	
	533.430	16.33	18.01	4.07	--	38.41	46.00	7.59	
	680.870	**18.57**	**18.95**	**4.71**	**--**	**42.23**	**46.00**	**3.77**	
	1279.000	52.14	23.45	7.50	36.99	46.10	74.00	27.90	PK
	1347.000	53.16	23.89	7.75	36.84	47.96	74.00	26.04	
	1412.000	54.01	24.66	8.09	36.70	50.06	74.00	23.94	
	1612.000	51.46	25.45	8.78	36.32	49.37	74.00	24.63	
	1817.000	52.46	26.04	9.40	35.98	51.92	74.00	22.08	
	1934.000	47.05	27.16	9.73	35.80	48.14	74.00	25.86	
Vertical	30.970	17.53	17.55	0.91	--	35.99	40.00	4.01	QP
	67.830	29.75	5.27	1.37	--	36.39	40.00	3.61	
	135.730	21.75	10.95	1.98	--	34.68	43.50	8.82	
	409.270	18.52	16.36	3.65	--	38.53	46.00	7.47	
	471.350	**22.03**	**17.03**	**3.89**	**--**	**42.95**	**46.00**	**3.05**	
	680.870	17.03	18.95	4.71	--	40.69	46.00	5.31	
	1347.000	57.66	23.89	7.75	36.84	52.46	74.00	21.54	PK
	1397.000	55.85	24.30	8.01	36.73	51.43	74.00	22.57	
	1459.000	52.42	25.13	8.26	36.61	49.20	74.00	24.80	
	1614.000	53.99	25.45	8.78	36.31	51.91	74.00	22.09	
	1817.000	52.96	26.04	9.40	35.98	52.42	74.00	21.58	
	1857.000	52.72	26.58	9.48	35.91	52.87	74.00	21.13	

TEST ENGINEER: LEO XUE

5 DEVIATION TO TEST SPECIFICATIONS

None.