

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

LCD Monitor

Model No.: E2350VV

Serial No.: E2009110702

FCC ID : BEJE2350VV

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

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Report No. : ACI-F09118
Date of Test : Nov 17-18, 2009
Date of Report : Dec 29, 2009

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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. : E2350VV
(B) Serial No. : E2009110702
(C) Power Supply : 120V/60Hz

Test Procedure Used:

*FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B OCTOBER 2008
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: E2350VV; S/N: E2009110702) which was tested in 3m anechoic chamber Nov 17-18, 2009 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.

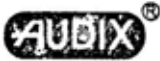
This report contains data that are not covered by the NVLAP accreditation.

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 : Nov 17-18, 2009 Date of Report : Dec 29, 2009

Producer : Alan He
ALAN HE / Assistant

Review : Dio Yang
DIO YANG / Deputy Assistant Manager

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

Signature : Sammy Chen
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 the Mains Terminal	FCC RULES AND REGULATIONS PART 15 SUBPART B OCTOBER 2008 AND ANSI C63.4-2003	15.107(a) Class B	Pass
Radiated Disturbance	FCC RULES AND REGULATIONS PART 15 SUBPART B OCTOBER 2008 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. : E2350VV

Serial No. : E2009110702

Real Power : 28.00W for Adapter: LCAP07F
29.00W for Adapter: FSP06-DGAA1

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 Display
M/N : LM230WF5 (TL) (A1)

Adapter #1 : SMPS Adapter
Manufacturer : LIEN CHANG
M/N : LCAP07F
Input : 100-240V AC, 50/60Hz, 1.0A (1.0A) Max.
Output : 12V DC 3.0A (3.0A)
Output Cable : Unshielded, Undetachable, 1.80m,
with one core

Adapter #2 : AC/DC Adapter
Manufacturer : FSP Group.
M/N : FSP036-DGAA1
Input : 100-240V AC, 50/60Hz, 1.3A
Output : 12.0V DC 3.0A Max.
Output Cable : Unshielded, Undetachable, 1.20m,
with one core

Max Resolution : 1920*1080@60Hz

D-Sub Cable #1 : Shielded, Detachable, 1.85m,
with two cores on cable

D-Sub Cable #2 : Shielded, Detachable, 1.85m,
with two cores in connector

DVI Cable #1	: Shielded, Detachable, 1.85m, with two cores on cable
DVI Cable #2	: Shielded, Detachable, 1.85m, with two cores in connector
HDMI Cable	: Shielded, Detachable, 1.00m, with two cores
Power Cord	: Unshielded, Detachable, 1.80m
Note	: After evaluation, the D-Sub cable#1 and DVI cable#1 were used in the test for they will cause the maximum emission.

Remark:

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

- | | |
|------------------------|---------------------------|
| (1) One D-Sub Port | : Connected with PC |
| (2) One DVI Port | : Connected with PC |
| (3) One Headphone Port | : Connected with Earphone |
| (4) One HDMI Port | : Connected with DVD |
| (5) One AC In Port | : Connected with Power |

2.2 Peripherals

2.2.1 PC #1

Manufacturer	: HP
Model Number	: dx7200MT
Serial Number	: CNG622017W
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 PC #2

Manufacturer	: HP
Model Number	: dx7400MT
Serial Number	: CNG8130K89
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))

2.2.3 Printer

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

2.2.4 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

2.2.5 Mouse

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

2.2.6 Modem

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

2.2.7 DVD

Manufacturer : PHILIPS
Model Number : DVP3986K/93
Serial Number : KX1A0902120108
Data Cable : Unshielded, Detachable, 1.8m

2.2.8 Earphone

Manufacturer : SONY
Model Number : MDR-E808
Serial Number : 1808030805305506

Note: PC #2 was used in Radiated Emission test and PC #1 was used in the Conducted Emission test.

2.3 Description of Test Facility

Site Description (Semi-Anechoic Chamber)	:	Sept. 17, 1998 file on Apr 29, 2009 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 200233, China
NVLAP Lab Code	:	200371-0

2.4 Measurement Uncertainty

Conducted Emission Expanded Uncertainty:	U = 1.26 dB
Radiated Emission Expanded Uncertainty :	U = 3.02 dB

3 CONDUCTED EMISSION TEST

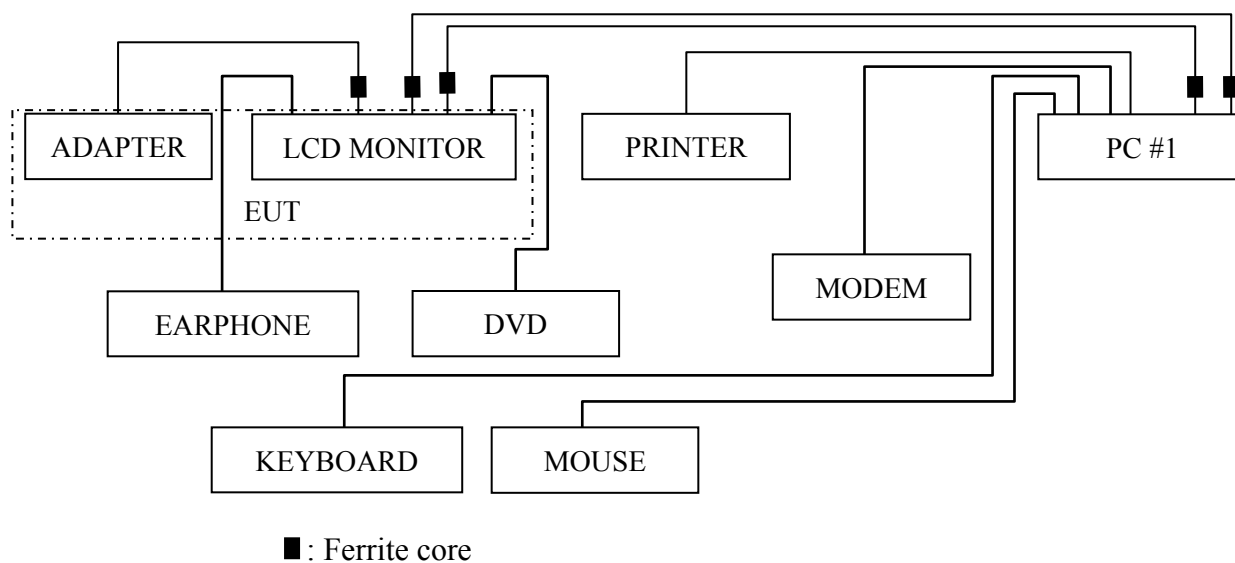
3.1.1 Test Equipment

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

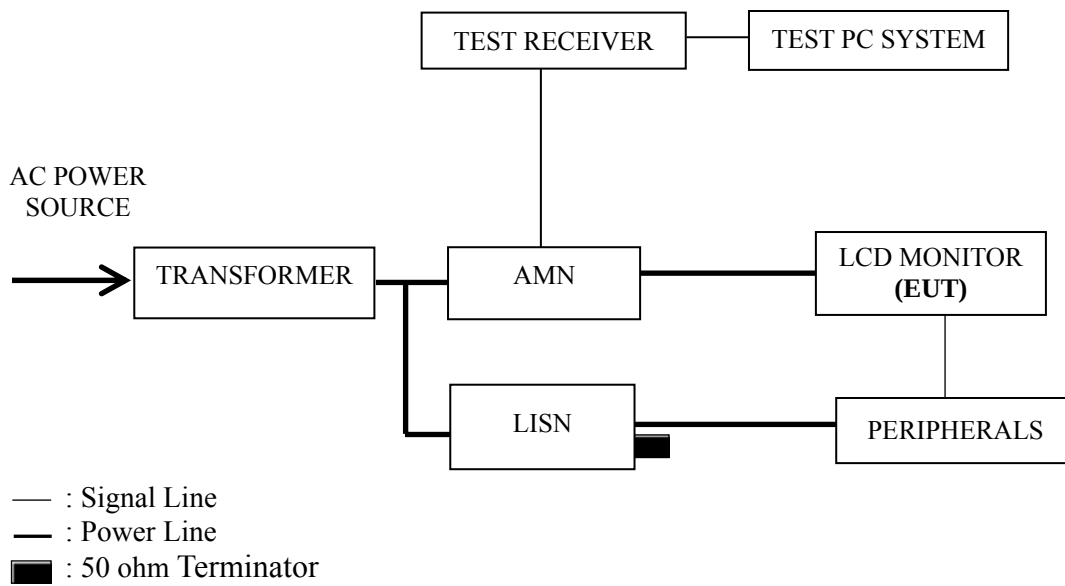
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESCI	100841	Oct 15, 2009	Oct 15, 2010
2.	Artificial Mains Network (AMN)	R&S	ESH2-Z5	843890/011	Apr 02, 2009	Apr 02, 2010
3.	Line Impedance Stabilization Network (LISN)	Kyoritsu	KNW-407	8-1280-4	Apr 02, 2009	Apr 02, 2010
4.	50 Ω Coaxial Switch	Anritsu	MP59B	6200426389	Sep 19, 2009	Mar 19, 2010
5.	50 Ω Terminator	Anritsu	BNC	001	Apr 02, 2009	Apr 02, 2010
6.	Software	Audix	E3	SET00200 9804M592	--	--

3.2 Block Diagram of Test Setup

3.2.1 EUT & Peripherals



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 (μ V)	
	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 & DVI Input).

3.5.5 In HDMI mode, the EUT connected to DVD through HDMI port.

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:

Adapter	Test Mode
LCAP07F	D-Sub 640*480@60Hz
	D-Sub 1280*1024@75Hz
	D-Sub 1680*1050@60Hz
	D-Sub 1920*1080@60Hz
	DVI 640*480@60Hz
	DVI 1280*1024@75Hz
	DVI 1680*1050@60Hz
	DVI 1920*1080@60Hz
	HDMI 480p
	HDMI 720p
	HDMI 1080p
FSP036-DGAA1	D-Sub 640*480@60Hz
	D-Sub 1280*1024@75Hz
	D-Sub 1680*1050@60Hz
	D-Sub 1920*1080@60Hz
	DVI 640*480@60Hz
	DVI 1280*1024@75Hz
	DVI 1680*1050@60Hz
	DVI 1920*1080@60Hz
	HDMI 480p
	HDMI 720p
	HDMI 1080p

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 ESCI was set at 9 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.

Adapter	Test Mode	Page
LCAP07F	D-Sub 640*480@60Hz	P14
	D-Sub 1280*1024@75Hz	P15
	D-Sub 1680*1050@60Hz	P16
	D-Sub 1920*1080@60Hz	P17
	DVI 640*480@60Hz	P18
	DVI 1280*1024@75Hz	P19
	DVI 1680*1050@60Hz	P20
	DVI 1920*1080@60Hz	P21
	HDMI 480p	P22
	HDMI 720p	P23
	HDMI 1080p	P24
FSP036-DGAA1	D-Sub 640*480@60Hz	P25
	D-Sub 1280*1024@75Hz	P26
	D-Sub 1680*1050@60Hz	P27
	D-Sub 1920*1080@60Hz	P28
	DVI 640*480@60Hz	P29
	DVI 1280*1024@75Hz	P30
	DVI 1680*1050@60Hz	P31
	DVI 1920*1080@60Hz	P32
	HDMI 480p	P33
	HDMI 720p	P34
	HDMI 1080p	P35

NOTE 1 – The **bold test mode** listed above means the worst test mode.

NOTE 2 – Factor = Cable Loss + AMN Factor.

NOTE 3 – Emission Level = Meter Reading + Factor.

NOTE 4 – “QP” means “Quasi-Peak” values, “AV” means “Average” values.

NOTE 5 – The worst case is for HDMI 480p test mode (Adapter: LCAP07F).

The worst emission is detected at 18.232 MHz (Average Value) with corrected signal level of 42.51 dB (μV) (limit is 50.00 dB (μV)), when the Line the EUT is connected to AMN.

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 640*480@60Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.186	44.82	0.22	45.04	64.20	19.16	QP
	0.310	31.40	0.25	31.65	59.97	28.32	
	1.503	24.62	0.34	24.96	56.00	31.04	
	4.822	33.11	0.44	33.55	56.00	22.45	
	16.055	46.25	0.75	47.00	60.00	13.00	
	19.740	39.57	0.88	40.45	60.00	19.55	
	0.186	29.49	0.22	29.71	54.20	24.49	AV
	0.310	13.95	0.25	14.20	49.97	35.77	
	1.503	14.06	0.34	14.40	46.00	31.60	
	4.822	18.51	0.44	18.95	46.00	27.05	
	16.055	39.99	0.75	40.74	50.00	9.26	
	19.740	33.60	0.88	34.48	50.00	15.52	
Neutral	0.186	44.82	0.20	45.02	64.20	19.18	QP
	0.313	33.28	0.23	33.51	59.88	26.37	
	1.262	27.25	0.32	27.57	56.00	28.43	
	4.772	29.43	0.45	29.88	56.00	26.12	
	16.055	46.09	0.71	46.80	60.00	13.20	
	19.326	39.36	0.84	40.20	60.00	19.80	
	0.186	29.57	0.20	29.77	54.20	24.43	AV
	0.313	19.34	0.23	19.57	49.88	30.31	
	1.262	18.13	0.32	18.45	46.00	27.55	
	4.772	15.48	0.45	15.93	46.00	30.07	
	16.055	39.36	0.71	40.07	50.00	9.93	
	19.326	33.01	0.84	33.85	50.00	16.15	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 1280*1024@75Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.186	44.98	0.22	45.20	64.20	19.00	QP
	0.310	30.99	0.25	31.24	59.97	28.73	
	1.374	22.84	0.33	23.17	56.00	32.83	
	4.874	27.38	0.44	27.82	56.00	28.18	
	15.552	45.72	0.73	46.45	60.00	13.55	
	19.532	40.34	0.88	41.22	60.00	18.78	
	0.186	29.22	0.22	29.44	54.20	24.76	AV
	0.310	13.05	0.25	13.30	49.97	36.67	
	1.374	12.06	0.33	12.39	46.00	33.61	
	4.874	12.11	0.44	12.55	46.00	33.45	
	15.552	39.17	0.73	39.90	50.00	10.10	
	19.532	33.89	0.88	34.77	50.00	15.23	
Neutral	0.186	44.80	0.20	45.00	64.20	19.20	QP
	0.310	31.66	0.23	31.89	59.97	28.08	
	0.499	27.70	0.26	27.96	56.01	28.05	
	4.672	26.86	0.45	27.31	56.00	28.69	
	5.058	25.60	0.45	26.05	60.00	33.95	
	15.885	46.12	0.71	46.83	60.00	13.17	
	0.186	29.32	0.20	29.52	54.20	24.68	AV
	0.310	14.61	0.23	14.84	49.97	35.13	
	0.499	13.99	0.26	14.25	46.01	31.76	
	4.672	9.56	0.45	10.01	46.00	35.99	
	5.058	8.49	0.45	8.94	50.00	41.06	
	15.885	39.45	0.71	40.16	50.00	9.84	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 1680*1050@60Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.186	44.98	0.22	45.20	64.20	19.00	QP
	0.313	33.64	0.25	33.89	59.88	25.99	
	1.487	25.05	0.34	25.39	56.00	30.61	
	4.721	29.74	0.44	30.18	56.00	25.82	
	5.058	30.44	0.44	30.88	60.00	29.12	
	16.055	46.40	0.75	47.15	60.00	12.85	
	0.186	29.09	0.22	29.31	54.20	24.89	AV
	0.313	17.14	0.25	17.39	49.88	32.49	
	1.487	12.40	0.34	12.74	46.00	33.26	
	4.721	17.53	0.44	17.97	46.00	28.03	
	5.058	16.46	0.44	16.90	50.00	33.10	
	16.055	39.93	0.75	40.68	50.00	9.32	
Neutral	0.186	44.61	0.20	44.81	64.20	19.39	QP
	0.310	30.91	0.23	31.14	59.97	28.83	
	0.686	28.25	0.27	28.52	56.00	27.48	
	4.158	30.09	0.43	30.52	56.00	25.48	
	5.058	27.97	0.45	28.42	60.00	31.58	
	15.885	45.87	0.71	46.58	60.00	13.42	
	0.186	29.70	0.20	29.90	54.20	24.30	AV
	0.310	15.24	0.23	15.47	49.97	34.50	
	0.686	13.20	0.27	13.47	46.00	32.53	
	4.158	17.87	0.43	18.30	46.00	27.70	
	5.058	15.49	0.45	15.94	50.00	34.06	
	15.885	39.49	0.71	40.20	50.00	9.80	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 1920*1080@60Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.186	44.92	0.22	45.14	64.20	19.06	QP
	0.313	34.15	0.25	34.40	59.88	25.48	
	1.433	25.38	0.34	25.72	56.00	30.28	
	4.501	31.54	0.44	31.98	56.00	24.02	
	5.221	29.70	0.44	30.14	60.00	29.86	
	15.718	46.04	0.73	46.77	60.00	13.23	
	0.186	28.13	0.22	28.35	54.20	25.85	AV
	0.313	18.09	0.25	18.34	49.88	31.54	
	1.433	12.40	0.34	12.74	46.00	33.26	
	4.501	18.54	0.44	18.98	46.00	27.02	
	5.221	15.86	0.44	16.30	50.00	33.70	
	15.718	39.75	0.73	40.48	50.00	9.52	
Neutral	0.186	44.80	0.20	45.00	64.20	19.20	QP
	0.313	33.52	0.23	33.75	59.88	26.13	
	0.499	27.90	0.26	28.16	56.01	27.85	
	4.721	25.19	0.45	25.64	56.00	30.36	
	5.005	24.80	0.45	25.25	60.00	34.75	
	16.055	46.12	0.71	46.83	60.00	13.17	
	0.186	28.65	0.20	28.85	54.20	25.35	AV
	0.313	18.97	0.23	19.20	49.88	30.68	
	0.499	13.77	0.26	14.03	46.01	31.98	
	4.721	16.30	0.45	16.75	46.00	29.25	
	5.005	16.61	0.45	17.06	50.00	32.94	
	16.055	39.53	0.71	40.24	50.00	9.76	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 640*480@60Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.186	43.94	0.22	44.16	64.20	20.04	QP
	0.313	32.80	0.25	33.05	59.88	26.83	
	1.433	24.50	0.34	24.84	56.00	31.16	
	5.005	32.15	0.44	32.59	60.00	27.41	
	15.885	46.27	0.74	47.01	60.00	12.99	
	19.224	39.54	0.87	40.41	60.00	19.59	
	0.186	27.21	0.22	27.43	54.20	26.77	AV
	0.313	15.03	0.25	15.28	49.88	34.60	
	1.433	11.65	0.34	11.99	46.00	34.01	
	5.005	18.98	0.44	19.42	50.00	30.58	
	15.885	39.81	0.74	40.55	50.00	9.45	
	19.224	32.86	0.87	33.73	50.00	16.27	
Neutral	0.186	43.82	0.20	44.02	64.20	20.18	QP
	0.313	32.76	0.23	32.99	59.88	26.89	
	1.249	27.15	0.32	27.47	56.00	28.53	
	4.672	29.82	0.45	30.27	56.00	25.73	
	5.005	30.27	0.45	30.72	60.00	29.28	
	15.552	45.33	0.69	46.02	60.00	13.98	
	0.186	27.45	0.20	27.65	54.20	26.55	AV
	0.313	17.62	0.23	17.85	49.88	32.03	
	1.249	16.02	0.32	16.34	46.00	29.66	
	4.672	16.32	0.45	16.77	46.00	29.23	
	5.005	14.24	0.45	14.69	50.00	35.31	
	15.552	38.85	0.69	39.54	50.00	10.46	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 1280*1024@75Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.184	40.87	0.22	41.09	64.28	23.19	QP
	0.313	32.53	0.25	32.78	59.88	27.10	
	1.480	24.71	0.34	25.05	56.00	30.95	
	4.672	33.52	0.44	33.96	56.00	22.04	
	15.885	46.37	0.74	47.11	60.00	12.89	
	19.532	40.55	0.88	41.43	60.00	18.57	
	0.184	22.93	0.22	23.15	54.28	31.13	AV
	0.313	15.30	0.25	15.55	49.88	34.33	
	1.480	13.78	0.34	14.12	46.00	31.88	
	4.672	19.89	0.44	20.33	46.00	25.67	
	15.885	39.73	0.74	40.47	50.00	9.53	
	19.532	33.49	0.88	34.37	50.00	15.63	
Neutral	0.186	43.36	0.20	43.56	64.20	20.64	QP
	0.310	29.47	0.23	29.70	59.97	30.27	
	1.249	27.17	0.32	27.49	56.00	28.51	
	4.672	29.73	0.45	30.18	56.00	25.82	
	15.552	45.30	0.69	45.99	60.00	14.01	
	19.326	39.85	0.84	40.69	60.00	19.31	
	0.186	26.89	0.20	27.09	54.20	27.11	AV
	0.310	12.66	0.23	12.89	49.97	37.08	
	1.249	16.29	0.32	16.61	46.00	29.39	
	4.672	15.24	0.45	15.69	46.00	30.31	
	15.552	38.86	0.69	39.55	50.00	10.45	
	19.326	33.03	0.84	33.87	50.00	16.13	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 1680*1050@60Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.186	43.68	0.22	43.90	64.20	20.30	QP
	0.310	29.20	0.25	29.45	59.97	30.52	
	1.480	24.90	0.34	25.24	56.00	30.76	
	5.005	31.32	0.44	31.76	60.00	28.24	
	15.885	46.22	0.74	46.96	60.00	13.04	
	19.532	40.43	0.88	41.31	60.00	18.69	
	0.186	27.62	0.22	27.84	54.20	26.36	AV
	0.310	11.22	0.25	11.47	49.97	38.50	
	1.480	13.76	0.34	14.10	46.00	31.90	
	5.005	20.40	0.44	20.84	50.00	29.16	
	15.885	39.58	0.74	40.32	50.00	9.68	
	19.532	34.07	0.88	34.95	50.00	15.05	
Neutral	0.188	44.76	0.20	44.96	64.11	19.15	QP
	0.313	32.58	0.23	32.81	59.88	27.07	
	1.433	26.90	0.34	27.24	56.00	28.76	
	4.549	28.48	0.45	28.93	56.00	27.07	
	10.019	23.69	0.51	24.20	60.00	35.80	
	16.055	45.99	0.71	46.70	60.00	13.30	
	0.188	30.41	0.20	30.61	54.11	23.50	AV
	0.313	17.27	0.23	17.50	49.88	32.38	
	1.433	14.53	0.34	14.87	46.00	31.13	
	4.549	15.32	0.45	15.77	46.00	30.23	
	10.019	15.98	0.51	16.49	50.00	33.51	
	16.055	39.13	0.71	39.84	50.00	10.16	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 1920*1080@60Hz Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.188	45.06	0.22	45.28	64.11	18.83	QP
	0.310	30.46	0.25	30.71	59.97	29.26	
	1.433	24.58	0.34	24.92	56.00	31.08	
	5.005	29.62	0.44	30.06	60.00	29.94	
	15.552	45.86	0.73	46.59	60.00	13.41	
	19.532	40.30	0.88	41.18	60.00	18.82	
	0.188	29.52	0.22	29.74	54.11	24.37	AV
	0.310	17.42	0.25	17.67	49.97	32.30	
	1.433	11.82	0.34	12.16	46.00	33.84	
	5.005	16.89	0.44	17.33	50.00	32.67	
	15.552	38.71	0.73	39.44	50.00	10.56	
	19.532	33.56	0.88	34.44	50.00	15.56	
Neutral	0.186	43.60	0.20	43.80	64.20	20.40	QP
	0.313	32.62	0.23	32.85	59.88	27.03	
	1.249	27.16	0.32	27.48	56.00	28.52	
	4.672	30.94	0.45	31.39	56.00	24.61	
	5.005	29.75	0.45	30.20	60.00	29.80	
	16.055	45.92	0.71	46.63	60.00	13.37	
	0.186	26.91	0.20	27.11	54.20	27.09	AV
	0.313	18.06	0.23	18.29	49.88	31.59	
	1.249	16.30	0.32	16.62	46.00	29.38	
	4.672	15.65	0.45	16.10	46.00	29.90	
	5.005	14.30	0.45	14.75	50.00	35.25	
	16.055	39.40	0.71	40.11	50.00	9.89	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : HDMI 480p Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.188	43.75	0.22	43.97	64.11	20.14	QP
	0.313	30.75	0.25	31.00	59.88	28.88	
	1.449	25.39	0.34	25.73	56.00	30.27	
	4.772	31.69	0.44	32.13	56.00	23.87	
	15.226	44.31	0.71	45.02	60.00	14.98	
	18.232	45.09	0.84	45.93	60.00	14.07	
	0.188	28.94	0.22	29.16	54.11	24.95	AV
	0.313	13.20	0.25	13.45	49.88	36.43	
	1.449	13.97	0.34	14.31	46.00	31.69	
	4.772	18.02	0.44	18.46	46.00	27.54	
	15.226	36.90	0.71	37.61	50.00	12.39	
	18.232	41.67	0.84	42.51	50.00	7.49	
Neutral	0.186	41.68	0.20	41.88	64.20	22.32	QP
	0.313	31.30	0.23	31.53	59.88	28.35	
	1.433	27.02	0.34	27.36	56.00	28.64	
	4.407	28.97	0.45	29.42	56.00	26.58	
	5.277	28.00	0.45	28.45	60.00	31.55	
	15.388	44.25	0.68	44.93	60.00	15.07	
	0.186	25.32	0.20	25.52	54.20	28.68	AV
	0.313	16.21	0.23	16.44	49.88	33.44	
	1.433	14.05	0.34	14.39	46.00	31.61	
	4.407	19.08	0.45	19.53	46.00	26.47	
	5.277	15.32	0.45	15.77	50.00	34.23	
	15.388	37.17	0.68	37.85	50.00	12.15	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : HDMI 720p Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.186	42.28	0.22	42.50	64.20	21.70	QP
	0.310	29.11	0.25	29.36	59.97	30.61	
	1.487	25.82	0.34	26.16	56.00	29.84	
	4.501	24.74	0.44	25.18	56.00	30.82	
	5.058	25.71	0.44	26.15	60.00	33.85	
	15.885	45.94	0.74	46.68	60.00	13.32	
	0.186	27.57	0.22	27.79	54.20	26.41	AV
	0.310	12.86	0.25	13.11	49.97	36.86	
	1.487	12.14	0.34	12.48	46.00	33.52	
	4.501	12.13	0.44	12.57	46.00	33.43	
	5.058	9.53	0.44	9.97	50.00	40.03	
	15.885	38.96	0.74	39.70	50.00	10.30	
Neutral	0.186	42.20	0.20	42.40	64.20	21.80	QP
	0.313	31.39	0.23	31.62	59.88	28.26	
	1.433	26.91	0.34	27.25	56.00	28.75	
	4.269	31.29	0.43	31.72	56.00	24.28	
	5.005	30.07	0.45	30.52	60.00	29.48	
	16.226	45.56	0.72	46.28	60.00	13.72	
	0.186	25.44	0.20	25.64	54.20	28.56	AV
	0.313	15.80	0.23	16.03	49.88	33.85	
	1.433	14.38	0.34	14.72	46.00	31.28	
	4.269	20.04	0.43	20.47	46.00	25.53	
	5.005	15.17	0.45	15.62	50.00	34.38	
	16.226	38.61	0.72	39.33	50.00	10.67	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : HDMI 1080p Adapter : LCAP07F

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.188	43.89	0.22	44.11	64.11	20.00	QP
	0.313	30.99	0.25	31.24	59.88	28.64	
	1.487	25.75	0.34	26.09	56.00	29.91	
	4.772	34.34	0.44	34.78	56.00	21.22	
	15.388	44.84	0.72	45.56	60.00	14.44	
	19.532	40.26	0.88	41.14	60.00	18.86	
	0.188	29.11	0.22	29.33	54.11	24.78	AV
	0.313	13.32	0.25	13.57	49.88	36.31	
	1.487	13.86	0.34	14.20	46.00	31.80	
	4.772	17.97	0.44	18.41	46.00	27.59	
	15.388	37.66	0.72	38.38	50.00	11.62	
	19.532	33.66	0.88	34.54	50.00	15.46	
Neutral	0.186	41.91	0.20	42.11	64.20	22.09	QP
	0.313	31.48	0.23	31.71	59.88	28.17	
	1.249	27.13	0.32	27.45	56.00	28.55	
	4.952	27.70	0.45	28.15	56.00	27.85	
	15.552	45.16	0.69	45.85	60.00	14.15	
	19.532	42.84	0.85	43.69	60.00	16.31	
	0.186	25.59	0.20	25.79	54.20	28.41	AV
	0.313	16.46	0.23	16.69	49.88	33.19	
	1.249	15.22	0.32	15.54	46.00	30.46	
	4.952	14.42	0.45	14.87	46.00	31.13	
	15.552	38.47	0.69	39.16	50.00	10.84	
	19.532	32.16	0.85	33.01	50.00	16.99	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 640*480@60Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	47.09	0.22	47.31	64.42	17.11	QP
	0.481	37.46	0.29	37.75	56.32	18.57	
	1.043	34.97	0.30	35.27	56.00	20.73	
	1.388	34.17	0.33	34.50	56.00	21.50	
	8.235	31.26	0.48	31.74	60.00	28.26	
	24.130	30.40	0.82	31.22	60.00	28.78	
	0.182	31.86	0.22	32.08	54.42	22.34	AV
	0.481	25.11	0.29	25.40	46.32	20.92	
	1.043	20.14	0.30	20.44	46.00	25.56	
	1.388	21.11	0.33	21.44	46.00	24.56	
	8.235	23.58	0.48	24.06	50.00	25.94	
	24.130	28.32	0.82	29.14	50.00	20.86	
Neutral	0.180	47.75	0.20	47.95	64.50	16.55	QP
	0.484	34.95	0.26	35.21	56.27	21.06	
	0.679	34.37	0.27	34.64	56.00	21.36	
	2.088	32.36	0.36	32.72	56.00	23.28	
	8.501	31.41	0.50	31.91	60.00	28.09	
	23.990	28.80	0.76	29.56	60.00	30.44	
	0.180	28.24	0.20	28.44	54.50	26.06	AV
	0.484	23.30	0.26	23.56	46.27	22.71	
	0.679	18.43	0.27	18.70	46.00	27.30	
	2.088	16.38	0.36	16.74	46.00	29.26	
	8.501	19.72	0.50	20.22	50.00	29.78	
	23.990	26.30	0.76	27.06	50.00	22.94	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 1280*1024@75Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	49.16	0.22	49.38	64.42	15.04	QP
	0.489	38.85	0.29	39.14	56.19	17.05	
	0.686	38.05	0.27	38.32	56.00	17.68	
	1.071	36.35	0.30	36.65	56.00	19.35	
	6.878	34.47	0.47	34.94	60.00	25.06	
	23.990	34.41	0.82	35.23	60.00	24.77	
	0.182	29.00	0.22	29.22	54.42	25.20	AV
	0.489	24.48	0.29	24.77	46.19	21.42	
	0.686	22.34	0.27	22.61	46.00	23.39	
	1.071	22.38	0.30	22.68	46.00	23.32	
	6.878	23.37	0.47	23.84	50.00	26.16	
	23.990	32.00	0.82	32.82	50.00	17.18	
Neutral	0.180	47.81	0.20	48.01	64.50	16.49	QP
	0.239	39.26	0.22	39.48	62.13	22.65	
	0.686	34.62	0.27	34.89	56.00	21.11	
	2.088	33.00	0.36	33.36	56.00	22.64	
	6.769	32.99	0.48	33.47	60.00	26.53	
	23.990	29.00	0.76	29.76	60.00	30.24	
	0.180	28.49	0.20	28.69	54.50	25.81	AV
	0.239	12.86	0.22	13.08	52.13	39.05	
	0.686	16.76	0.27	17.03	46.00	28.97	
	2.088	17.24	0.36	17.60	46.00	28.40	
	6.769	19.02	0.48	19.50	50.00	30.50	
	23.990	25.64	0.76	26.40	50.00	23.60	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 1680*1050@60Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.180	48.74	0.22	48.96	64.50	15.54	QP
	0.244	40.02	0.24	40.26	61.95	21.69	
	0.499	37.83	0.29	38.12	56.01	17.89	
	1.065	37.24	0.30	37.54	56.00	18.46	
	6.627	34.27	0.47	34.74	60.00	25.26	
	23.990	34.30	0.82	35.12	60.00	24.88	
	0.180	30.67	0.22	30.89	54.50	23.61	AV
	0.244	25.34	0.24	25.58	51.95	26.37	
	0.499	23.06	0.29	23.35	46.01	22.66	
	1.065	21.57	0.30	21.87	46.00	24.13	
	6.627	22.05	0.47	22.52	50.00	27.48	
	23.990	32.00	0.82	32.82	50.00	17.18	
Neutral	0.180	47.83	0.20	48.03	64.50	16.47	QP
	0.239	39.29	0.22	39.51	62.13	22.62	
	0.686	34.34	0.27	34.61	56.00	21.39	
	2.088	33.00	0.36	33.36	56.00	22.64	
	6.951	32.32	0.48	32.80	60.00	27.20	
	23.990	28.93	0.76	29.69	60.00	30.31	
	0.180	21.93	0.20	22.13	54.50	32.37	AV
	0.239	9.38	0.22	9.60	52.13	42.53	
	0.686	15.99	0.27	16.26	46.00	29.74	
	2.088	16.33	0.36	16.69	46.00	29.31	
	6.951	20.31	0.48	20.79	50.00	29.21	
	23.990	26.07	0.76	26.83	50.00	23.17	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : D-Sub 1920*1080@60Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	48.16	0.22	48.38	64.42	16.04	QP
	0.484	37.99	0.29	38.28	56.27	17.99	
	0.686	37.96	0.27	38.23	56.00	17.77	
	1.141	36.62	0.31	36.93	56.00	19.07	
	8.148	33.34	0.48	33.82	60.00	26.18	
	23.990	34.50	0.82	35.32	60.00	24.68	
	0.182	36.70	0.22	36.92	54.42	17.50	AV
	0.484	23.40	0.29	23.69	46.27	22.58	
	0.686	21.55	0.27	21.82	46.00	24.18	
	1.141	22.07	0.31	22.38	46.00	23.62	
	8.148	23.41	0.48	23.89	50.00	26.11	
	23.990	31.13	0.82	31.95	50.00	18.05	
Neutral	0.182	48.15	0.20	48.35	64.42	16.07	QP
	0.484	36.03	0.26	36.29	56.27	19.98	
	0.686	34.66	0.27	34.93	56.00	21.07	
	2.088	32.58	0.36	32.94	56.00	23.06	
	8.637	31.80	0.50	32.30	60.00	27.70	
	23.990	28.81	0.76	29.57	60.00	30.43	
	0.182	24.41	0.20	24.61	54.42	29.81	AV
	0.484	22.83	0.26	23.09	46.27	23.18	
	0.686	18.36	0.27	18.63	46.00	27.37	
	2.088	16.57	0.36	16.93	46.00	29.07	
	8.637	20.05	0.50	20.55	50.00	29.45	
	23.990	26.30	0.76	27.06	50.00	22.94	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 640*480@60Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.180	49.22	0.22	49.44	64.50	15.06	QP
	0.239	40.90	0.24	41.14	62.13	20.99	
	0.665	37.57	0.27	37.84	56.00	18.16	
	1.032	37.80	0.30	38.10	56.00	17.90	
	6.878	35.54	0.47	36.01	60.00	23.99	
	13.989	33.17	0.67	33.84	60.00	26.16	
	0.180	31.90	0.22	32.12	54.50	22.38	AV
	0.239	18.35	0.24	18.59	52.13	33.54	
	0.665	23.85	0.27	24.12	46.00	21.88	
	1.032	24.60	0.30	24.90	46.00	21.10	
	6.878	23.52	0.47	23.99	50.00	26.01	
	13.989	24.49	0.67	25.16	50.00	24.84	
Neutral	0.180	49.25	0.20	49.45	64.50	15.05	QP
	0.242	42.03	0.22	42.25	62.04	19.79	
	0.701	35.18	0.27	35.45	56.00	20.55	
	2.448	33.42	0.39	33.81	56.00	22.19	
	6.878	33.45	0.48	33.93	60.00	26.07	
	14.063	30.91	0.65	31.56	60.00	28.44	
	0.180	29.29	0.20	29.49	54.50	25.01	AV
	0.242	19.17	0.22	19.39	52.04	32.65	
	0.701	17.58	0.27	17.85	46.00	28.15	
	2.448	18.84	0.39	19.23	46.00	26.77	
	6.878	21.33	0.48	21.81	50.00	28.19	
	14.063	20.90	0.65	21.55	50.00	28.45	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 1280*1024@75Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	50.19	0.22	50.41	64.42	14.01	QP
	0.481	38.00	0.29	38.29	56.32	18.03	
	0.708	36.51	0.28	36.79	56.00	19.21	
	1.210	36.57	0.32	36.89	56.00	19.11	
	8.323	35.04	0.48	35.52	60.00	24.48	
	20.377	30.07	0.88	30.95	60.00	29.05	
	0.182	28.01	0.22	28.23	54.42	26.19	AV
	0.481	23.82	0.29	24.11	46.32	22.21	
	0.708	20.13	0.28	20.41	46.00	25.59	
	1.210	23.92	0.32	24.24	46.00	21.76	
	8.323	22.94	0.48	23.42	50.00	26.58	
	20.377	22.07	0.88	22.95	50.00	27.05	
Neutral	0.182	49.91	0.20	50.11	64.42	14.31	QP
	0.242	42.01	0.22	42.23	62.04	19.81	
	0.661	33.90	0.27	34.17	56.00	21.83	
	2.309	34.01	0.38	34.39	56.00	21.61	
	6.878	32.65	0.48	33.13	60.00	26.87	
	8.323	32.66	0.49	33.15	60.00	26.85	
	0.182	22.45	0.20	22.65	54.42	31.77	AV
	0.242	28.03	0.22	28.25	52.04	23.79	
	0.661	15.37	0.27	15.64	46.00	30.36	
	2.309	20.25	0.38	20.63	46.00	25.37	
	6.878	19.53	0.48	20.01	50.00	29.99	
	8.323	21.81	0.49	22.30	50.00	27.70	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 1680*1050@60Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	48.13	0.22	48.35	64.42	16.07	QP
	0.481	37.31	0.29	37.60	56.32	18.72	
	0.708	35.93	0.28	36.21	56.00	19.79	
	1.043	33.11	0.30	33.41	56.00	22.59	
	6.121	31.28	0.45	31.73	60.00	28.27	
	14.063	29.83	0.68	30.51	60.00	29.49	
	0.182	26.79	0.22	27.01	54.42	27.41	AV
	0.481	23.48	0.29	23.77	46.32	22.55	
	0.708	20.93	0.28	21.21	46.00	24.79	
	1.043	20.24	0.30	20.54	46.00	25.46	
	6.121	20.42	0.45	20.87	50.00	29.13	
	14.063	23.87	0.68	24.55	50.00	25.45	
Neutral	0.180	49.28	0.20	49.48	64.50	15.02	QP
	0.484	34.34	0.26	34.60	56.27	21.67	
	1.032	33.15	0.30	33.45	56.00	22.55	
	2.178	34.11	0.37	34.48	56.00	21.52	
	6.805	32.91	0.48	33.39	60.00	26.61	
	13.841	30.64	0.64	31.28	60.00	28.72	
	0.180	22.19	0.20	22.39	54.50	32.11	AV
	0.484	20.99	0.26	21.25	46.27	25.02	
	1.032	20.15	0.30	20.45	46.00	25.55	
	2.178	19.67	0.37	20.04	46.00	25.96	
	6.805	19.47	0.48	19.95	50.00	30.05	
	13.841	21.50	0.64	22.14	50.00	27.86	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : DVI 1920*1080@60Hz Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.180	49.86	0.22	50.08	64.50	14.42	QP
	0.244	41.88	0.24	42.12	61.95	19.83	
	0.708	37.51	0.28	37.79	56.00	18.21	
	1.310	37.38	0.32	37.70	56.00	18.30	
	6.878	35.07	0.47	35.54	60.00	24.46	
	8.916	34.36	0.48	34.84	60.00	25.16	
	0.180	25.83	0.22	26.05	54.50	28.45	AV
	0.244	28.42	0.24	28.66	51.95	23.29	
	0.708	20.69	0.28	20.97	46.00	25.03	
	1.310	16.77	0.32	17.09	46.00	28.91	
	6.878	21.31	0.47	21.78	50.00	28.22	
	8.916	22.34	0.48	22.82	50.00	27.18	
Neutral	0.182	49.89	0.20	50.09	64.42	14.33	QP
	0.242	41.91	0.22	42.13	62.04	19.91	
	0.701	33.67	0.27	33.94	56.00	22.06	
	2.309	34.00	0.38	34.38	56.00	21.62	
	6.878	32.86	0.48	33.34	60.00	26.66	
	7.852	32.21	0.49	32.70	60.00	27.30	
	0.182	33.13	0.20	33.33	54.42	21.09	AV
	0.242	13.98	0.22	14.20	52.04	37.84	
	0.701	17.00	0.27	17.27	46.00	28.73	
	2.309	20.80	0.38	21.18	46.00	24.82	
	6.878	20.71	0.48	21.19	50.00	28.81	
	7.852	19.04	0.49	19.53	50.00	30.47	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : HDMI 480p Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.180	47.90	0.22	48.12	64.50	16.38	QP
	0.484	39.12	0.29	39.41	56.27	16.86	
	1.071	36.33	0.30	36.63	56.00	19.37	
	1.388	36.67	0.33	37.00	56.00	19.00	
	8.637	34.02	0.48	34.50	60.00	25.50	
	23.990	34.60	0.82	35.42	60.00	24.58	
	0.180	25.79	0.22	26.01	54.50	28.49	AV
	0.484	26.84	0.29	27.13	46.27	19.14	
	1.071	22.55	0.30	22.85	46.00	23.15	
	1.388	21.87	0.33	22.20	46.00	23.80	
	8.637	21.53	0.48	22.01	50.00	27.99	
	23.990	31.82	0.82	32.64	50.00	17.36	
Neutral	0.180	47.89	0.20	48.09	64.50	16.41	QP
	0.484	36.15	0.26	36.41	56.27	19.86	
	1.065	33.53	0.30	33.83	56.00	22.17	
	2.448	33.14	0.39	33.53	56.00	22.47	
	6.769	31.39	0.48	31.87	60.00	28.13	
	23.990	28.91	0.76	29.67	60.00	30.33	
	0.180	22.64	0.20	22.84	54.50	31.66	AV
	0.484	19.91	0.26	20.17	46.27	26.10	
	1.065	17.02	0.30	17.32	46.00	28.68	
	2.448	19.89	0.39	20.28	46.00	25.72	
	6.769	18.44	0.48	18.92	50.00	31.08	
	23.990	25.68	0.76	26.44	50.00	23.56	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : HDMI 720p Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	48.20	0.22	48.42	64.42	16.00	QP
	0.484	38.15	0.29	38.44	56.27	17.83	
	1.082	36.81	0.30	37.11	56.00	18.89	
	1.388	35.99	0.33	36.32	56.00	19.68	
	8.501	34.62	0.48	35.10	60.00	24.90	
	23.990	34.51	0.82	35.33	60.00	24.67	
	0.182	30.42	0.22	30.64	54.42	23.78	AV
	0.484	23.90	0.29	24.19	46.27	22.08	
	1.082	23.08	0.30	23.38	46.00	22.62	
	1.388	21.80	0.33	22.13	46.00	23.87	
	8.501	22.13	0.48	22.61	50.00	27.39	
	23.990	31.39	0.82	32.21	50.00	17.79	
Neutral	0.180	47.87	0.20	48.07	64.50	16.43	QP
	0.239	40.29	0.22	40.51	62.13	21.62	
	0.686	33.79	0.27	34.06	56.00	21.94	
	2.448	33.57	0.39	33.96	56.00	22.04	
	6.698	32.78	0.48	33.26	60.00	26.74	
	23.990	29.02	0.76	29.78	60.00	30.22	
	0.180	22.13	0.20	22.33	54.50	32.17	AV
	0.239	15.96	0.22	16.18	52.13	35.95	
	0.686	17.59	0.27	17.86	46.00	28.14	
	2.448	21.48	0.39	21.87	46.00	24.13	
	6.698	18.31	0.48	18.79	50.00	31.21	
	23.990	26.50	0.76	27.26	50.00	22.74	

TEST ENGINEER: HUGH HUANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 48%RH

Serial No. : E2009110702 Date of Test : Nov 17, 2009

Test Mode : HDMI 1080p Adapter : FSP036-DGAA1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.180	46.86	0.22	47.08	64.50	17.42	QP
	0.489	36.92	0.29	37.21	56.19	18.98	
	0.708	36.84	0.28	37.12	56.00	18.88	
	1.071	34.25	0.30	34.55	56.00	21.45	
	8.148	31.85	0.48	32.33	60.00	27.67	
	23.990	34.53	0.82	35.35	60.00	24.65	
	0.180	28.51	0.22	28.73	54.50	25.77	AV
	0.489	24.81	0.29	25.10	46.19	21.09	
	0.708	20.84	0.28	21.12	46.00	24.88	
	1.071	22.04	0.30	22.34	46.00	23.66	
	8.148	21.83	0.48	22.31	50.00	27.69	
	23.990	31.34	0.82	32.16	50.00	17.84	
Neutral	0.180	46.85	0.20	47.05	64.50	17.45	QP
	0.242	38.91	0.22	39.13	62.04	22.91	
	0.686	32.85	0.27	33.12	56.00	22.88	
	2.088	30.01	0.36	30.37	56.00	25.63	
	6.769	29.45	0.48	29.93	60.00	30.07	
	23.990	28.81	0.76	29.57	60.00	30.43	
	0.180	29.49	0.20	29.69	54.50	24.81	AV
	0.242	19.58	0.22	19.80	52.04	32.24	
	0.686	17.38	0.27	17.65	46.00	28.35	
	2.088	18.00	0.36	18.36	46.00	27.64	
	6.769	20.01	0.48	20.49	50.00	29.51	
	23.990	26.30	0.76	27.06	50.00	22.94	

TEST ENGINEER: HUGH HUANG

4 RADIATED EMISSION TEST

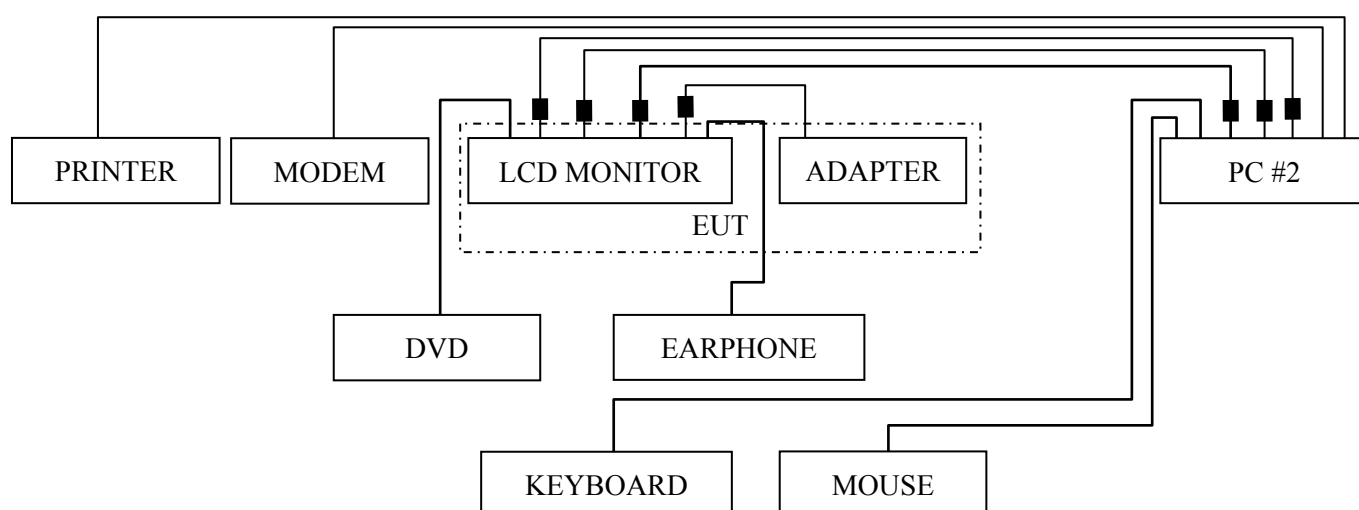
4.1 Test Equipment

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

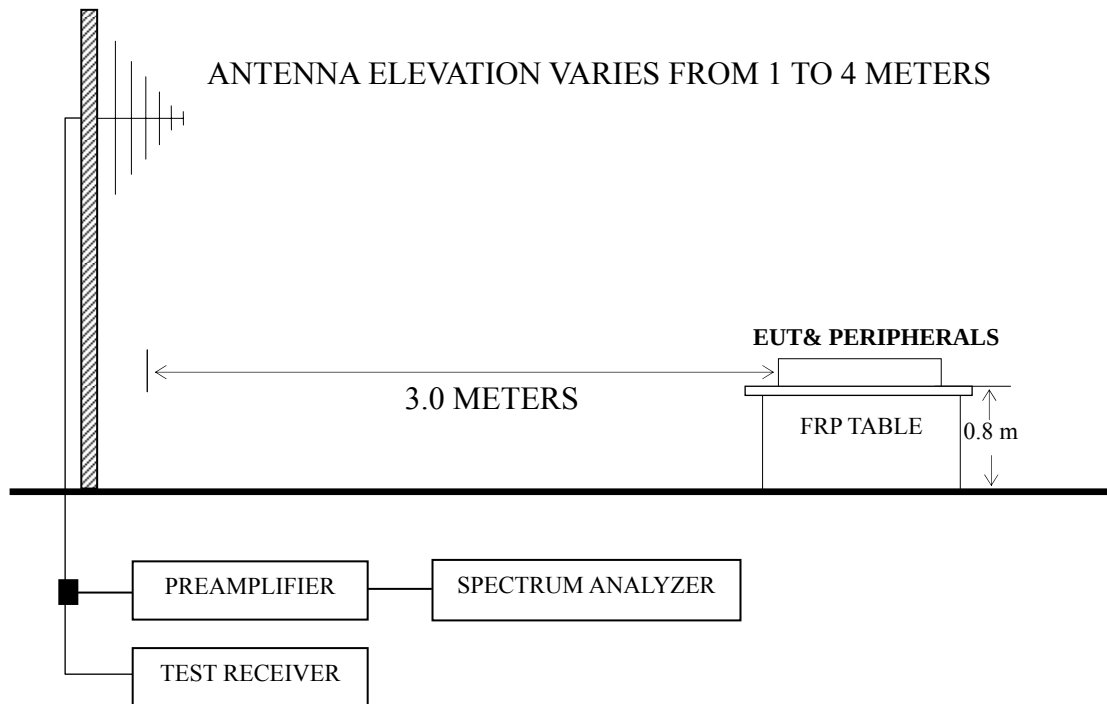
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESVS10	844594/001	Mar 07, 2009	Mar 07, 2010
2.	Preamplifier	Agilent	8447D	2944A10548	Sep 19, 2009	Mar 19, 2010
3.	Preamplifier	HP	8449B	3008A00864	Apr 29, 2009	Apr 29, 2010
4.	Bi-log Antenna	TESEQ	CBL6112D	23193	May 14, 2008	May 14, 2010
5.	Spectrum	Agilent	E7405A	MY45106600	May 19, 2009	May 19, 2010
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 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

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 D-Sub/DVI 1280*1024@75Hz, D-Sub/DVI 1680*1050@60Hz and D-Sub/DVI 1920*1080@60Hz 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.

Adapter	Test Mode	Page
LCAP07F	D-Sub 640*480@60Hz	P41
	D-Sub 1280*1024@75Hz	P42
	D-Sub 1680*1050@60Hz	P43
	D-Sub 1920*1080@60Hz	P44
	DVI 640*480@60Hz	P45
	DVI 1280*1024@75Hz	P46
	DVI 1680*1050@60Hz	P47
	DVI 1920*1080@60Hz	P48
	HDMI 480p	P49
	HDMI 720p	P50
	HDMI 1080p	P51
FSP036-DGAA1	D-Sub 640*480@60Hz	P52
	D-Sub 1280*1024@75Hz	P53
	D-Sub 1680*1050@60Hz	P54
	D-Sub 1920*1080@60Hz	P55
	DVI 640*480@60Hz	P56
	DVI 1280*1024@75Hz	P57
	DVI 1680*1050@60Hz	P58
	DVI 1920*1080@60Hz	P59
	HDMI 480p	P60
	HDMI 720p	P61
	HDMI 1080p	P62

- NOTE 1 – **The bold test mode** listed above means the worst test mode.
- NOTE 2 – Emission Level = Antenna Factor + Cable Loss + Meter Reading.(< 1GHz)
- NOTE 3 – Emission Level = Antenna Factor + Cable Loss – Preamp Factor + Meter Reading.(> 1GHz)
- NOTE 4 – The emission levels that are 20dB below the official limit are not reported.
- NOTE 5 – 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.
- NOTE 6 – The worst case is for D-Sub 1680*1050@60Hz test mode (Adapter: LCAP07F). The worst emission at horizontal polarization was detected at 303.540 MHz with corrected signal level of 33.33 dB (μV/m) (limit is 46.00dB (μV/m)), when the antenna was 1.00 m height and the turntable was at 250°. The worst emission at vertical polarization was detected at 49.400MHz with corrected signal level of 36.67 dB (μV/m) (limit is 40.00 dB (μV/m)), when the antenna was 1.00 m height and the turntable was at 310°.

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 640*480@60Hz Adapter : LCAP07F

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	49.400	10.30	9.16	0.76	20.22	40.00	19.78
	94.990	9.91	10.45	1.01	21.37	43.50	22.13
	165.800	17.34	10.33	1.31	28.98	43.50	14.52
	303.540	18.90	14.00	1.75	34.65	46.00	11.35
	548.950	12.59	18.55	2.37	33.51	46.00	12.49
	850.620	6.42	21.20	2.96	30.58	46.00	15.42
Vertical	50.370	19.39	8.85	0.76	29.00	40.00	11.00
	94.020	18.25	10.27	1.01	29.53	43.50	13.97
	157.070	17.39	10.74	1.29	29.42	43.50	14.08
	314.210	21.75	14.28	1.80	37.83	46.00	8.17
	529.550	17.47	18.30	2.33	38.10	46.00	7.90
	834.130	7.18	21.05	2.93	31.16	46.00	14.84

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 1280*1024@75Hz Adapter : LCAP07F

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	44.550	9.68	11.38	0.71	--	21.77	40.00	18.23	QP
	90.140	19.29	9.40	1.01	--	29.70	43.50	13.80	
	167.740	22.75	10.27	1.31	--	34.33	43.50	9.17	
	303.540	18.76	14.00	1.75	--	34.51	46.00	11.49	
	585.810	12.89	19.06	2.44	--	34.39	46.00	11.61	
	850.620	7.87	21.20	2.96	--	32.03	46.00	13.97	
	1011.000	40.69	22.49	3.73	34.10	32.81	74.00	41.19	PK
	1157.000	46.37	23.48	4.10	34.11	39.84	74.00	34.16	
	1268.000	45.39	24.23	4.34	34.13	39.83	74.00	34.17	
	1572.000	46.61	26.26	4.95	34.16	43.66	74.00	30.34	
	1846.000	44.40	27.17	5.45	34.19	42.83	74.00	31.17	
	1948.000	42.86	27.81	5.55	34.20	42.02	74.00	31.98	
Vertical	44.550	23.65	11.38	0.71	--	35.74	40.00	4.26	QP
	90.140	27.16	9.40	1.01	--	37.57	43.50	5.93	
	167.740	22.02	10.27	1.31	--	33.60	43.50	9.90	
	334.580	21.95	14.86	1.84	--	38.65	46.00	7.35	
	586.780	17.02	19.06	2.45	--	38.53	46.00	7.47	
	829.280	9.34	20.98	2.93	--	33.25	46.00	12.75	
	1058.000	41.80	22.79	3.85	34.10	34.34	74.00	39.66	PK
	1255.000	50.77	24.14	4.31	34.12	45.10	74.00	28.90	
	1461.000	47.18	25.56	4.73	34.14	43.33	74.00	30.67	
	1564.000	47.43	26.19	4.93	34.16	44.39	74.00	29.61	
	1857.000	47.48	27.21	5.46	34.19	45.96	74.00	28.04	
	1963.000	44.12	27.91	5.56	34.20	43.39	74.00	30.61	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 1680*1050@60Hz Adapter : LCAP07F

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	49.400	14.71	9.16	0.76	--	24.63	40.00	15.37	QP
	81.410	17.27	8.02	0.98	--	26.27	40.00	13.73	
	166.770	16.84	10.31	1.31	--	28.46	43.50	15.04	
	303.540	17.58	14.00	1.75	--	33.33	46.00	12.67	
	501.420	11.75	17.93	2.27	--	31.95	46.00	14.05	
	888.450	4.58	21.60	3.05	--	29.23	46.00	16.77	
	1009.000	43.14	22.46	3.72	34.10	35.22	74.00	38.78	PK
	1215.000	52.88	23.82	4.23	34.12	46.81	74.00	27.19	
	1498.000	48.50	25.80	4.80	34.15	44.95	74.00	29.05	
	1598.000	44.93	26.40	4.99	34.16	42.16	74.00	31.84	
	1860.000	48.82	27.26	5.46	34.19	47.35	74.00	26.65	
	1900.000	43.09	27.50	5.50	34.19	41.90	74.00	32.10	
Vertical	49.400	26.75	9.16	0.76	--	36.67	40.00	3.33	QP
	97.900	24.31	11.11	1.02	--	36.44	43.50	7.06	
	166.770	16.85	10.31	1.31	--	28.47	43.50	15.03	
	296.750	20.87	13.86	1.76	--	36.49	46.00	9.51	
	518.880	18.49	18.15	2.31	--	38.95	46.00	7.05	
	800.180	6.33	20.70	2.88	--	29.91	46.00	16.09	
	1100.000	42.83	23.11	3.96	34.11	35.79	74.00	38.21	PK
	1255.000	52.05	24.14	4.31	34.12	46.38	74.00	27.62	
	1499.000	47.04	25.80	4.80	34.15	43.49	74.00	30.51	
	1629.000	45.07	26.47	5.05	34.16	42.43	74.00	31.57	
	1753.000	48.01	26.80	5.30	34.18	45.93	74.00	28.07	
	1900.000	45.40	27.50	5.50	34.19	44.21	74.00	29.79	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 1920*1080@60Hz Adapter : LCAP07F

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	50.370	16.40	8.85	0.76	--	26.01	40.00	13.99	QP
	83.350	17.24	8.30	0.98	--	26.52	40.00	13.48	
	166.770	16.85	10.31	1.31	--	28.47	43.50	15.03	
	303.540	16.48	14.00	1.75	--	32.23	46.00	13.77	
	493.660	11.38	17.83	2.24	--	31.45	46.00	14.55	
	850.620	6.83	21.20	2.96	--	30.99	46.00	15.01	
	1011.000	40.69	22.49	3.73	34.10	32.81	74.00	41.19	PK
	1157.000	46.37	23.48	4.10	34.11	39.84	74.00	34.16	
	1279.000	45.24	24.36	4.36	34.13	39.83	74.00	34.17	
	1572.000	46.61	26.26	4.95	34.16	43.66	74.00	30.34	
	1846.000	44.40	27.17	5.45	34.19	42.83	74.00	31.17	
	1948.000	42.86	27.81	5.55	34.20	42.02	74.00	31.98	
Vertical	50.370	26.65	8.85	0.76	--	36.26	40.00	3.74	QP
	98.870	23.27	11.27	1.04	--	35.58	43.50	7.92	
	166.770	16.66	10.31	1.31	--	28.28	43.50	15.22	
	303.540	20.66	14.00	1.75	--	36.41	46.00	9.59	
	523.730	15.65	18.21	2.32	--	36.18	46.00	9.82	
	796.300	7.50	20.67	2.87	--	31.04	46.00	14.96	
	1058.000	41.80	22.79	3.85	34.10	34.34	74.00	39.66	PK
	1255.000	50.77	24.14	4.31	34.12	45.10	74.00	28.90	
	1499.000	48.06	25.80	4.80	34.15	44.51	74.00	29.49	
	1564.000	47.43	26.19	4.93	34.16	44.39	74.00	29.61	
	1857.000	47.48	27.21	5.46	34.19	45.96	74.00	28.04	
	1963.000	44.12	27.91	5.56	34.20	43.39	74.00	30.61	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 640*480@60Hz Adapter : LCAP07F

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	50.370	10.40	8.85	0.76	20.01	40.00	19.99
	77.530	14.72	7.49	0.93	23.14	40.00	16.86
	156.100	14.10	10.79	1.28	26.17	43.50	17.33
	303.540	19.10	14.00	1.75	34.85	46.00	11.15
	548.950	10.60	18.55	2.37	31.52	46.00	14.48
	881.660	4.82	21.53	3.02	29.37	46.00	16.63
Vertical	51.340	21.71	8.61	0.76	31.08	40.00	8.92
	94.990	16.99	10.45	1.01	28.45	43.50	15.05
	157.070	16.22	10.74	1.29	28.25	43.50	15.25
	314.210	21.23	14.28	1.80	37.31	46.00	8.69
	530.520	17.80	18.30	2.33	38.43	46.00	7.57
	882.630	10.13	21.53	3.03	34.69	46.00	11.31

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 1280*1024@75Hz Adapter : LCAP07F

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	50.370	11.88	8.85	0.76	--	21.49	40.00	18.51	QP
	87.230	12.59	8.96	0.99	--	22.54	40.00	17.46	
	167.740	18.47	10.27	1.31	--	30.05	43.50	13.45	
	346.220	16.03	15.20	1.90	--	33.13	46.00	12.87	
	405.390	21.40	16.57	2.04	--	40.01	46.00	5.99	
	809.880	12.19	20.80	2.87	--	35.86	46.00	10.14	
	1009.000	43.14	22.46	3.72	34.10	35.22	74.00	38.78	PK
	1215.000	52.88	23.82	4.23	34.12	46.81	74.00	27.19	
	1498.000	48.50	25.80	4.80	34.15	44.95	74.00	29.05	
	1598.000	44.93	26.40	4.99	34.16	42.16	74.00	31.84	
	1860.000	48.82	27.26	5.46	34.19	47.35	74.00	26.65	
	1900.000	43.09	27.50	5.50	34.19	41.90	74.00	32.10	
Vertical	50.370	21.36	8.85	0.76	--	30.97	40.00	9.03	QP
	87.230	20.82	8.96	0.99	--	30.77	40.00	9.23	
	167.740	20.39	10.27	1.31	--	31.97	43.50	11.53	
	334.580	20.93	14.86	1.84	--	37.63	46.00	8.37	
	585.810	17.03	19.06	2.44	--	38.53	46.00	7.47	
	898.150	12.57	21.67	3.04	--	37.28	46.00	8.72	
	1100.000	42.83	23.11	3.96	34.11	35.79	74.00	38.21	PK
	1255.000	50.05	24.14	4.31	34.12	44.38	74.00	29.62	
	1499.000	47.04	25.80	4.80	34.15	43.49	74.00	30.51	
	1629.000	48.07	26.47	5.05	34.16	45.43	74.00	28.57	
	1752.000	48.80	26.78	5.30	34.18	46.70	74.00	27.30	
	1900.000	45.40	27.50	5.50	34.19	44.21	74.00	29.79	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 1680*1050@60Hz Adapter : LCAP07F

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	50.370	12.56	8.85	0.76	--	22.17	40.00	17.83	QP
	94.990	10.76	10.45	1.01	--	22.22	43.50	21.28	
	164.830	16.76	10.35	1.31	--	28.42	43.50	15.08	
	303.540	17.49	14.00	1.75	--	33.24	46.00	12.76	
	399.570	17.71	16.50	1.99	--	36.20	46.00	9.80	
	731.310	15.42	20.00	2.74	--	38.16	46.00	7.84	
	1011.000	42.69	22.49	3.73	34.10	34.81	74.00	39.19	PK
	1255.000	47.50	24.14	4.31	34.12	41.83	74.00	32.17	
	1424.000	45.33	25.34	4.65	34.14	41.18	74.00	32.82	
	1572.000	48.61	26.26	4.95	34.16	45.66	74.00	28.34	
	1846.000	46.40	27.17	5.45	34.19	44.83	74.00	29.17	
	1948.000	44.86	27.81	5.55	34.20	44.02	74.00	29.98	
Vertical	50.370	21.84	8.85	0.76	--	31.45	40.00	8.55	QP
	94.990	16.41	10.45	1.01	--	27.87	43.50	15.63	
	149.310	14.78	11.35	1.23	--	27.36	43.50	16.14	
	296.750	20.37	13.86	1.76	--	35.99	46.00	10.01	
	519.850	17.54	18.15	2.31	--	38.00	46.00	8.00	
	731.310	19.44	20.00	2.74	--	42.18	46.00	3.82	
	1058.000	44.80	22.79	3.85	34.10	37.34	74.00	36.66	PK
	1253.000	52.92	24.14	4.31	34.12	47.25	74.00	26.75	
	1461.000	49.18	25.56	4.73	34.14	45.33	74.00	28.67	
	1564.000	46.43	26.19	4.93	34.16	43.39	74.00	30.61	
	1857.000	47.48	27.21	5.46	34.19	45.96	74.00	28.04	
	1963.000	47.12	27.91	5.56	34.20	46.39	74.00	27.61	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 1920*1080@60Hz Adapter : LCAP07F

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	50.370	12.19	8.85	0.76	--	21.80	40.00	18.20	QP
	94.020	9.49	10.27	1.01	--	20.77	43.50	22.73	
	165.800	16.58	10.33	1.31	--	28.22	43.50	15.28	
	303.540	16.66	14.00	1.75	--	32.41	46.00	13.59	
	399.570	17.37	16.50	1.99	--	35.86	46.00	10.14	
	895.240	7.22	21.67	3.03	--	31.92	46.00	14.08	
	1011.000	45.69	22.49	3.73	34.10	37.81	74.00	36.19	PK
	1114.000	47.41	23.21	4.00	34.11	40.51	74.00	33.49	
	1279.000	47.24	24.36	4.36	34.13	41.83	74.00	32.17	
	1572.000	48.61	26.26	4.95	34.16	45.66	74.00	28.34	
	1846.000	46.40	27.17	5.45	34.19	44.83	74.00	29.17	
	1948.000	47.86	27.81	5.55	34.20	47.02	74.00	26.98	
Vertical	50.370	22.19	8.85	0.76	--	31.80	40.00	8.20	QP
	95.960	16.26	10.70	1.01	--	27.97	43.50	15.53	
	95.960	15.82	10.70	1.01	--	27.53	43.50	15.97	
	303.540	19.33	14.00	1.75	--	35.08	46.00	10.92	
	501.420	14.11	17.93	2.27	--	34.31	46.00	11.69	
	833.160	7.93	21.01	2.92	--	31.86	46.00	14.14	
	1058.000	43.80	22.79	3.85	34.10	36.34	74.00	37.66	PK
	1255.000	51.77	24.14	4.31	34.12	46.10	74.00	27.90	
	1461.000	46.18	25.56	4.73	34.14	42.33	74.00	31.67	
	1564.000	43.43	26.19	4.93	34.16	40.39	74.00	33.61	
	1857.000	44.48	27.21	5.46	34.19	42.96	74.00	31.04	
	1963.000	44.12	27.91	5.56	34.20	43.39	74.00	30.61	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : HDMI 480p Adapter : LCAP07F

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	39.700	9.81	14.08	0.68	24.57	40.00	15.43
	73.650	18.93	6.98	0.91	26.82	40.00	13.18
	149.310	17.22	11.35	1.23	29.80	43.50	13.70
	296.750	22.00	13.86	1.76	37.62	46.00	8.38
	446.130	11.83	17.17	2.11	31.11	46.00	14.89
	892.330	10.24	21.63	3.02	34.89	46.00	11.11
Vertical	39.700	12.67	14.08	0.68	27.43	40.00	12.57
	74.620	18.20	7.11	0.91	26.22	40.00	13.78
	149.310	19.90	11.35	1.23	32.48	43.50	11.02
	223.030	22.31	11.80	1.52	35.63	46.00	10.37
	519.850	16.33	18.15	2.31	36.79	46.00	9.21
	742.950	11.61	20.13	2.78	34.52	46.00	11.48

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : HDMI 720p Adapter : LCAP07F

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	39.700	10.64	14.08	0.68	25.40	40.00	14.60
	149.310	21.51	11.35	1.23	34.09	43.50	9.41
	223.030	22.92	11.80	1.52	36.24	46.00	9.76
	296.750	21.09	13.86	1.76	36.71	46.00	9.29
	371.440	17.42	15.88	1.96	35.26	46.00	10.74
	635.280	14.15	19.38	2.58	36.11	46.00	9.89
Vertical	33.880	10.09	17.44	0.64	28.17	40.00	11.83
	127.970	12.58	12.63	1.16	26.37	43.50	17.13
	223.030	23.19	11.80	1.52	36.51	46.00	9.49
	296.750	22.40	13.86	1.76	38.02	46.00	7.98
	371.440	17.43	15.88	1.96	35.27	46.00	10.73
	593.570	14.11	19.14	2.46	35.71	46.00	10.29

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : HDMI 1080p Adapter : LCAP07F

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	45.520	18.29	10.94	0.72	29.95	40.00	10.05
	223.030	22.84	11.80	1.52	36.16	46.00	9.84
	296.750	19.41	13.86	1.76	35.03	46.00	10.97
	371.440	17.49	15.88	1.96	35.33	46.00	10.67
	446.130	17.36	17.17	2.11	36.64	46.00	9.36
	635.280	16.33	19.38	2.58	38.29	46.00	7.71
Vertical	32.910	10.86	17.95	0.62	29.43	40.00	10.57
	127.970	17.46	12.63	1.16	31.25	43.50	12.25
	223.030	17.58	11.80	1.52	30.90	46.00	15.10
	296.750	19.89	13.86	1.76	35.51	46.00	10.49
	371.440	22.67	15.88	1.96	40.51	46.00	5.49
	446.130	17.19	17.17	2.11	36.47	46.00	9.53

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 640*480@60Hz Adapter : FSP036-DGAA1

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	56.190	5.88	7.46	0.78	14.12	40.00	25.88
	77.530	15.24	7.49	0.93	23.66	40.00	16.34
	157.070	15.04	10.74	1.29	27.07	43.50	16.43
	303.540	15.81	14.00	1.75	31.56	46.00	14.44
	548.950	8.63	18.55	2.37	29.55	46.00	16.45
	850.620	4.63	21.20	2.96	28.79	46.00	17.21
Vertical	43.580	6.81	11.88	0.69	19.38	40.00	20.62
	77.530	17.07	7.49	0.93	25.49	40.00	14.51
	156.100	17.42	10.79	1.28	29.49	43.50	14.01
	303.540	19.98	14.00	1.75	35.73	46.00	10.27
	547.980	18.03	18.55	2.35	38.93	46.00	7.07
	856.440	7.48	21.28	2.98	31.74	46.00	14.26

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 1280*1024@75Hz Adapter : FSP036-DGAA1

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	41.640	-0.49	13.02	0.70	--	13.23	40.00	26.77	QP
	84.320	15.67	8.48	0.98	--	25.13	40.00	14.87	
	167.740	17.71	10.27	1.31	--	29.29	43.50	14.21	
	303.540	13.98	14.00	1.75	--	29.73	46.00	16.27	
	585.810	13.18	19.06	2.44	--	34.68	46.00	11.32	
	850.620	5.69	21.20	2.96	--	29.85	46.00	16.15	
	1011.000	43.69	22.49	3.73	34.10	35.81	74.00	38.19	PK
	1268.000	48.39	24.23	4.34	34.13	42.83	74.00	31.17	
	1422.000	43.89	25.34	4.65	34.14	39.74	74.00	34.26	
	1572.000	49.61	26.26	4.95	34.16	46.66	74.00	27.34	
	1846.000	47.40	27.17	5.45	34.19	45.83	74.00	28.17	
	1948.000	45.86	27.81	5.55	34.20	45.02	74.00	28.98	
Vertical	60.070	13.87	6.60	0.80	--	21.27	40.00	18.73	QP
	84.320	20.46	8.48	0.98	--	29.92	40.00	10.08	
	167.740	19.53	10.27	1.31	--	31.11	43.50	12.39	
	334.580	19.39	14.86	1.84	--	36.09	46.00	9.91	
	585.810	14.99	19.06	2.44	--	36.49	46.00	9.51	
	856.440	6.23	21.28	2.98	--	30.49	46.00	15.51	
	1058.000	43.80	22.79	3.85	34.10	36.34	74.00	37.66	PK
	1278.000	52.07	24.32	4.36	34.13	46.62	74.00	27.38	
	1461.000	50.18	25.56	4.73	34.14	46.33	74.00	27.67	
	1564.000	47.43	26.19	4.93	34.16	44.39	74.00	29.61	
	1857.000	49.48	27.21	5.46	34.19	47.96	74.00	26.04	
	1963.000	46.12	27.91	5.56	34.20	45.39	74.00	28.61	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 1680*1050@60Hz Adapter : FSP036-DGAA1

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	53.280	5.64	8.14	0.77	--	14.55	40.00	25.45	QP
	97.900	7.24	11.11	1.02	--	19.37	43.50	24.13	
	149.310	15.48	11.35	1.23	--	28.06	43.50	15.44	
	303.540	13.55	14.00	1.75	--	29.30	46.00	16.70	
	424.790	7.90	16.84	2.08	--	26.82	46.00	19.18	
	850.620	4.03	21.20	2.96	--	28.19	46.00	17.81	
	1009.000	41.14	22.46	3.72	34.10	33.22	74.00	40.78	PK
	1262.000	48.93	24.19	4.33	34.12	43.33	74.00	30.67	
	1498.000	46.50	25.80	4.80	34.15	42.95	74.00	31.05	
	1598.000	42.93	26.40	4.99	34.16	40.16	74.00	33.84	
	1860.000	46.82	27.26	5.46	34.19	45.35	74.00	28.65	
	1900.000	41.09	27.50	5.50	34.19	39.90	74.00	34.10	
Vertical	49.400	11.55	9.16	0.76	--	21.47	40.00	18.53	QP
	97.900	14.82	11.11	1.02	--	26.95	43.50	16.55	
	155.130	15.63	10.89	1.28	--	27.80	43.50	15.70	
	231.760	20.39	12.20	1.57	--	34.16	46.00	11.84	
	519.850	16.33	18.15	2.31	--	36.79	46.00	9.21	
	856.440	6.70	21.28	2.98	--	30.96	46.00	15.04	
	1100.000	41.83	23.11	3.96	34.11	34.79	74.00	39.21	PK
	1278.000	50.14	24.32	4.36	34.13	44.69	74.00	29.31	
	1499.000	48.04	25.80	4.80	34.15	44.49	74.00	29.51	
	1629.000	46.07	26.47	5.05	34.16	43.43	74.00	30.57	
	1752.000	47.80	26.78	5.30	34.18	45.70	74.00	28.30	
	1900.000	44.40	27.50	5.50	34.19	43.21	74.00	30.79	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : D-Sub 1920*1080@60Hz Adapter : FSP036-DGAA1

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	50.370	4.56	8.85	0.76	--	14.17	40.00	25.83	QP
	83.350	11.57	8.30	0.98	--	20.85	40.00	19.15	
	145.430	15.75	11.66	1.22	--	28.63	43.50	14.87	
	274.440	15.24	13.43	1.68	--	30.35	46.00	15.65	
	507.240	7.08	17.98	2.28	--	27.34	46.00	18.66	
	882.630	4.36	21.53	3.03	--	28.92	46.00	17.08	
	1009.000	41.14	22.46	3.72	34.10	33.22	74.00	40.78	PK
	1255.000	51.16	24.14	4.31	34.12	45.49	74.00	28.51	
	1498.000	46.50	25.80	4.80	34.15	42.95	74.00	31.05	
	1598.000	42.93	26.40	4.99	34.16	40.16	74.00	33.84	
	1860.000	46.82	27.26	5.46	34.19	45.35	74.00	28.65	
	1900.000	41.09	27.50	5.50	34.19	39.90	74.00	34.10	
Vertical	50.370	12.92	8.85	0.76	--	22.53	40.00	17.47	QP
	98.870	13.51	11.27	1.04	--	25.82	43.50	17.68	
	154.160	15.37	10.94	1.27	--	27.58	43.50	15.92	
	303.540	16.93	14.00	1.75	--	32.68	46.00	13.32	
	523.730	14.80	18.21	2.32	--	35.33	46.00	10.67	
	856.440	7.55	21.28	2.98	--	31.81	46.00	14.19	
	1003.000	42.28	22.43	3.71	34.10	34.32	74.00	39.68	PK
	1264.000	51.45	24.23	4.33	34.13	45.88	74.00	28.12	
	1499.000	47.04	25.80	4.80	34.15	43.49	74.00	30.51	
	1629.000	45.07	26.47	5.05	34.16	42.43	74.00	31.57	
	1752.000	46.80	26.78	5.30	34.18	44.70	74.00	29.30	
	1900.000	44.40	27.50	5.50	34.19	43.21	74.00	30.79	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 640*480@60Hz Adapter : FSP036-DGAA1

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	51.340	4.71	8.61	0.76	14.08	40.00	25.92
	77.530	18.28	7.49	0.93	26.70	40.00	13.30
	151.250	17.13	11.19	1.22	29.54	43.50	13.96
	303.540	14.66	14.00	1.75	30.41	46.00	15.59
	548.950	4.62	18.55	2.37	25.54	46.00	20.46
	881.660	3.66	21.53	3.02	28.21	46.00	17.79
Vertical	51.340	18.34	8.61	0.76	27.71	40.00	12.29
	79.470	19.53	7.72	0.97	28.22	40.00	11.78
	126.030	21.03	12.71	1.15	34.89	43.50	8.61
	303.540	21.42	14.00	1.75	37.17	46.00	8.83
	548.950	16.89	18.55	2.37	37.81	46.00	8.19
	856.440	8.52	21.28	2.98	32.78	46.00	13.22

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 1280*1024@75Hz Adapter : FSP036-DGAA1

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	60.070	16.79	6.60	0.80	--	24.19	40.00	15.81	QP
	72.680	20.17	6.85	0.91	--	27.93	40.00	12.07	
	134.760	17.30	12.30	1.19	--	30.79	43.50	12.71	
	303.540	16.13	14.00	1.75	--	31.88	46.00	14.12	
	540.220	16.78	18.42	2.35	--	37.55	46.00	8.45	
	809.880	11.93	20.80	2.87	--	35.60	46.00	10.40	
	1100.000	45.10	23.11	3.96	34.11	38.06	74.00	35.94	PK
	1157.000	52.37	23.48	4.10	34.11	45.84	74.00	28.16	
	1278.000	50.28	24.32	4.36	34.13	44.83	74.00	29.17	
	1572.000	51.61	26.26	4.95	34.16	48.66	74.00	25.34	
	1846.000	49.40	27.17	5.45	34.19	47.83	74.00	26.17	
	1926.000	46.24	27.66	5.53	34.19	45.24	74.00	28.76	
Vertical	60.070	27.63	6.60	0.80	--	35.03	40.00	4.97	QP
	72.680	22.60	6.85	0.91	--	30.36	40.00	9.64	
	167.740	20.81	10.27	1.31	--	32.39	43.50	11.11	
	303.540	21.17	14.00	1.75	--	36.92	46.00	9.08	
	540.220	15.97	18.42	2.35	--	36.74	46.00	9.26	
	856.440	6.05	21.28	2.98	--	30.31	46.00	15.69	
	1058.000	50.80	22.79	3.85	34.10	43.34	74.00	30.66	PK
	1254.000	51.01	24.14	4.31	34.12	45.34	74.00	28.66	
	1461.000	52.18	25.56	4.73	34.14	48.33	74.00	25.67	
	1564.000	49.43	26.19	4.93	34.16	46.39	74.00	27.61	
	1857.000	48.48	27.21	5.46	34.19	46.96	74.00	27.04	
	1925.000	47.52	27.66	5.53	34.19	46.52	74.00	27.48	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 1680*1050@60Hz Adapter : FSP036-DGAA1

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	49.400	6.99	9.16	0.76	--	16.91	40.00	23.09	QP
	81.410	19.73	8.02	0.98	--	28.73	40.00	11.27	
	146.400	22.18	11.61	1.23	--	35.02	43.50	8.48	
	303.540	15.15	14.00	1.75	--	30.90	46.00	15.10	
	439.340	12.28	17.06	2.12	--	31.46	46.00	14.54	
	731.310	13.46	20.00	2.74	--	36.20	46.00	9.80	
	1011.000	43.69	22.49	3.73	34.10	35.81	74.00	38.19	PK
	1145.000	49.30	23.39	4.08	34.11	42.66	74.00	31.34	
	1255.000	48.50	24.14	4.31	34.12	42.83	74.00	31.17	
	1572.000	49.61	26.26	4.95	34.16	46.66	74.00	27.34	
	1846.000	47.40	27.17	5.45	34.19	45.83	74.00	28.17	
	1948.000	45.86	27.81	5.55	34.20	45.02	74.00	28.98	
Vertical	49.400	18.88	9.16	0.76	--	28.80	40.00	11.20	QP
	81.410	20.22	8.02	0.98	--	29.22	40.00	10.78	
	146.400	24.61	11.61	1.23	--	37.45	43.50	6.05	
	303.540	20.59	14.00	1.75	--	36.34	46.00	9.66	
	439.340	18.65	17.06	2.12	--	37.83	46.00	8.17	
	731.310	13.14	20.00	2.74	--	35.88	46.00	10.12	
	1058.000	43.80	22.79	3.85	34.10	36.34	74.00	37.66	PK
	1255.000	53.77	24.14	4.31	34.12	48.10	74.00	25.90	
	1499.000	48.06	25.80	4.80	34.15	44.51	74.00	29.49	
	1564.000	47.43	26.19	4.93	34.16	44.39	74.00	29.61	
	1857.000	49.48	27.21	5.46	34.19	47.96	74.00	26.04	
	1963.000	46.12	27.91	5.56	34.20	45.39	74.00	28.61	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : DVI 1920*1080@60Hz Adapter : FSP036-DGAA1

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	45.520	5.67	10.94	0.72	--	17.33	40.00	22.67	QP
	74.620	20.68	7.11	0.91	--	28.70	40.00	11.30	
	138.640	20.28	12.17	1.22	--	33.67	43.50	9.83	
	303.540	15.74	14.00	1.75	--	31.49	46.00	14.51	
	555.740	14.52	18.65	2.39	--	35.56	46.00	10.44	
	772.050	7.36	20.43	2.84	--	30.63	46.00	15.37	
	1011.000	51.69	22.49	3.73	34.10	43.81	74.00	30.19	PK
	1268.000	48.39	24.23	4.34	34.13	42.83	74.00	31.17	
	1424.000	49.33	25.34	4.65	34.14	45.18	74.00	28.82	
	1572.000	47.61	26.26	4.95	34.16	44.66	74.00	29.34	
	1846.000	47.40	27.17	5.45	34.19	45.83	74.00	28.17	
	1948.000	46.86	27.81	5.55	34.20	46.02	74.00	27.98	
Vertical	45.520	18.59	10.94	0.72	--	30.25	40.00	9.75	QP
	74.620	22.15	7.11	0.91	--	30.17	40.00	9.83	
	138.640	22.24	12.17	1.22	--	35.63	43.50	7.87	
	214.300	26.68	11.35	1.48	--	39.51	43.50	3.99	
	555.740	19.39	18.65	2.39	--	40.43	46.00	5.57	
	833.160	13.42	21.01	2.92	--	37.35	46.00	8.65	
	1058.000	44.80	22.79	3.85	34.10	37.34	74.00	36.66	PK
	1255.000	53.77	24.14	4.31	34.12	48.10	74.00	25.90	
	1461.000	50.18	25.56	4.73	34.14	46.33	74.00	27.67	
	1564.000	47.43	26.19	4.93	34.16	44.39	74.00	29.61	
	1857.000	48.48	27.21	5.46	34.19	46.96	74.00	27.04	
	1963.000	48.12	27.91	5.56	34.20	47.39	74.00	26.61	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : HDMI 480p Adapter : FSP036-DGAA1

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	53.280	11.90	8.14	0.77	20.81	40.00	19.19
	127.000	12.37	12.66	1.17	26.20	43.50	17.30
	171.620	13.31	10.15	1.33	24.79	43.50	18.71
	296.750	20.00	13.86	1.76	35.62	46.00	10.38
	372.410	21.03	15.92	1.95	38.90	46.00	7.10
	904.940	9.26	21.73	3.05	34.04	46.00	11.96
Vertical	39.700	12.67	14.08	0.68	27.43	40.00	12.57
	54.250	13.65	7.92	0.78	22.35	40.00	17.65
	134.760	14.33	12.30	1.19	27.82	43.50	15.68
	371.440	18.21	15.88	1.96	36.05	46.00	9.95
	445.160	15.93	17.14	2.12	35.19	46.00	10.81
	634.310	10.74	19.38	2.57	32.69	46.00	13.31

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : HDMI 720p Adapter : FSP036-DGAA1

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	39.700	11.64	14.08	0.68	26.40	40.00	13.60
	73.650	20.87	6.98	0.91	28.76	40.00	11.24
	129.910	15.03	12.52	1.13	28.68	43.50	14.82
	223.030	24.92	11.80	1.52	38.24	46.00	7.76
	371.440	20.42	15.88	1.96	38.26	46.00	7.74
	742.950	18.26	20.13	2.78	41.17	46.00	4.83
Vertical	52.310	18.65	8.41	0.77	27.83	40.00	12.17
	149.310	17.26	11.35	1.23	29.84	43.50	13.66
	223.030	24.19	11.80	1.52	37.51	46.00	8.49
	296.750	23.40	13.86	1.76	39.02	46.00	6.98
	371.440	18.43	15.88	1.96	36.27	46.00	9.73
	593.570	15.11	19.14	2.46	36.71	46.00	9.29

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2350VV Humidity : 60%RH

Serial No. : E2009110702 Date of Test : Nov 18, 2009

Test Mode : HDMI 1080p Adapter : FSP036-DGAA1

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	45.520	20.29	10.94	0.72	31.95	40.00	8.05
	54.250	20.85	7.92	0.78	29.55	40.00	10.45
	76.560	20.79	7.36	0.91	29.06	40.00	10.94
	149.310	13.73	11.35	1.23	26.31	43.50	17.19
	296.750	22.41	13.86	1.76	38.03	46.00	7.97
	446.130	19.36	17.17	2.11	38.64	46.00	7.36
Vertical	32.910	12.86	17.95	0.62	31.43	40.00	8.57
	53.280	20.09	8.14	0.77	29.00	40.00	11.00
	84.320	18.84	8.48	0.98	28.30	40.00	11.70
	296.750	17.89	13.86	1.76	33.51	46.00	12.49
	446.130	19.19	17.17	2.11	38.47	46.00	7.53
	635.280	16.02	19.38	2.58	37.98	46.00	8.02

TEST ENGINEER: RAVEN JIN

5 DEVIATION TO TEST SPECIFICATIONS

None.

6 DEBUG DESCRIPTION

The following components are used during the countermeasure procedures:

Name	M/N	Specifications (mm)	Manufacturer	Location
Adhesive Tape	7250CP0005J	50*60	DAEHUNG SUBSIDIARY MATERIALS.	See Internal Photo Figure 10
Aluminum Tape	T-308	50*30	DAEHUNG SUBSIDIARY MATERIALS.	See Internal Photo Figure 11
Gasket	MCQ57884403 2EA	102*9*1T	DAEHUNG SUBSIDIARY MATERIALS.	See Internal Photo Figure 12-1, 12-3
Gasket	3940TKK041S 2EA	114*10*1T	DAEHUNG SUBSIDIARY MATERIALS.	See Internal Photo Figure 12-2, 12-4
Gasket	3940TKK043D 1EA	70*9*2T	DAEHUNG SUBSIDIARY MATERIALS.	See Internal Photo Figure 12-5

Note: We had required the applicant and manufacturer that all electrical and mechanical devices employed for spurious radiation suppression, including any modifications made during certification testing, must be incorporated in each unit marked

TEST ENGINEER:



(RAVEN JIN)