

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

LCD Monitor

Model No.: E2342VA

Serial No.: E11121555-01/01

FCC ID : BEJE2342VA

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

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Report No. : ACI-F12003
Date of Test : Dec 23, 2011 – Jan 01, 2012
Date of Report : Jan 06, 2012

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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. : E2342VA
(B) Serial No. : E11121555-01/01
(C) Power Supply : 120V/60Hz

Test Procedure Used:

*FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B OCTOBER 2010
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: E2342VA; S/N: E11121555-01/01) which was tested in 3m anechoic chamber Dec 23, 2011 – Jan 01, 2012 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 : Dec 23, 2011 – Jan 01, 2012 Date of Report : Jan 06, 2012

Producer : Yenny Yu.
YENNY YU / Assistant

Review : Dio Yang
DIO YANG / Assistant Manager

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

Signatory : Sammy Chen
Authorized Signature EMC SAMMY CHEN / Deputy 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 2010 AND ANSI C63.4-2003	15.107(a) Class B	Pass
Radiated Disturbance	FCC RULES AND REGULATIONS PART 15 SUBPART B OCTOBER 2010 AND ANSI C63.4-2003	15.109(a) Class B	Pass

2 GENERAL INFORMATION

2.1 Description of Equipment Under Test

Description	: LCD Monitor
Model No.	: E2342VA
Serial No.	: E11121555-01/01
Real Power	: 23.70W (Adapter #1) 24.90W (Adapter #2) 23.60W (Adapter #3) 23.90W (Adapter #4) 24.30W (Adapter #5) 23.70W (Adapter #6) 25.40W (Adapter #7) 23.90W (Adapter #8)
AC Adapter #1	: Manufacturer : HONOR Model Number : ADS-40SG-19-3 19025G Input : 100-240V~, 50/60Hz 1.0A Output : 19V $\overline{\text{---}}$ 1.3A Output Cable : Unshielded, Undetachable, 1.8m
AC Adapter #2	: Manufacturer : HONOR Model Number : ADS-40SG-19-3 19032G Input : 100-240V~, 50-60Hz 1.0A Output : 19V $\overline{\text{---}}$ 1.7A Output Cable : Unshielded, Undetachable, 1.8m
AC Adapter #3	: Manufacturer : LIEN CHANG Model Number : LCAP21 Input : 100-240V~, 50-60Hz 1.1A Output : 19V $\overline{\text{---}}$ 1.3A Output Cable : Unshielded, Undetachable, 1.8m, with one core
AC Adapter #4	: Manufacturer : LIEN CHANG Model Number : LCAP21A Input : 100-240V~, 50-60Hz 1.1A Output : 19V $\overline{\text{---}}$ 1.7A Output Cable : Unshielded, Undetachable, 1.8m, with one core
AC Adapter #5	: Manufacturer : LIEN CHANG Model Number : LCAP26A-* (* can be A, E, I, B, LCAP26A-A was selected as the test model.) Input : 100-240V~, 50-60Hz 1.1A Output : 19V $\overline{\text{---}}$ 1.7A Output Cable : Unshielded, Undetachable, 1.8m

AC Adapter #6	: Manufacturer : LIEN CHANG Model Number : LCAP26-*	(* can be A, E, I, B, LCAP26-A was selected as the test model.)
	Input : 100-240V~, 50-60Hz 1.1A Output : 19V $\overline{\text{---}}$ 1.3A Output Cable : Unshielded, Undetachable, 1.8m	
AC Adapter #7	: Manufacturer : HONOR Model Number : ADS-40FSG-19 19032G***-1	(*** can be PG, PBR, PI, PCU, ADS-40FSG-19 19032GPCU-1 was selected as the test model.)
	Input : 100-240V~, 50-60Hz 1.0A Output : 19V $\overline{\text{---}}$ 1.7A Output Cable : Unshielded, Undetachable, 1.8m	
AC Adapter #8	: Manufacturer : HONOR Model Number : ADS-40FSG-19 19025G***-1	(*** can be PG, PBR, PI, PCU, ADS-40FSG-19 19025GPCU-1 was selected as the test model.)
	Input : 100-240V~, 50-60Hz 1.0A Output : 19V $\overline{\text{---}}$ 1.3A Output Cable : Unshielded, Undetachable, 1.8m	
Applicant	: LG Electronics Nanjing Display Co., Ltd. No.346, YaoXin Road Economic&Technical Development Zone, Nanjing, China	
Manufacturer	: LG Electronics Nanjing Display Co., Ltd. No.346, YaoXin Road Economic&Technical Development Zone, Nanjing, China	
LCD Panel	: Manufacturer : LG Display M/N : LM230WF5	
Max Resolution	: 1920*1080@60Hz	
D-Sub Cable #1	: Shielded, Detachable, 1.50m, with two cores on cable	
D-Sub Cable #2	: Shielded, Detachable, 1.85m, with two cores in connector	
DVI Cable #1	: Shielded, Detachable, 1.50m, with two cores on cable	
DVI Cable #2	: Shielded, Detachable, 1.85m, with two cores in connector	
Power Cord	Unshielded, Detachable, 1.50m	
Note	: The D-Sub cable #2 and DVI cable #2 were selected to be used in the test.	

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 HDMI Port : Connected with DVD
- (4) One Earphone Port : Connected with Earphone
- (5) One DC In Port : Connected with Adapter

2.2 Peripherals

2.2.1 PC

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 Graphics Card (Used in PC)

Manufacturer : Asus
Model Number : EAH6670
Output port : DVI, D-Sub, HDMI

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, 1.8m.
Certificate : CE/EMC, FCC DoC, VCCI, MIC,
C-Tick, BSMI

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 : Shielded, Detachable, 1.80m
Certificate : FCC DoC, CE/EMC, CCC

2.2.8 Earphone

Manufacturer : SONY
Model Number : MDR-E808
Serial Number : 1808030805305506
Data Cable : Shielded, Detachable, 1.8m

2.3 Description of Test Facility

Site Description : Sept. 17, 1998 file on
(Semi-Anechoic Chamber) 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 = 3.38 dB

Radiated Emission Expanded Uncertainty (30-200MHz):

U = 4.58 dB (Horizontal)

U = 4.70 dB (Vertical)

Radiated Emission Expanded Uncertainty (200M-1GHz):

U = 4.84 dB (Horizontal)

U = 4.70 dB (Vertical)

Radiated Emission Expanded Uncertainty (Above 1GHz):

U = 4.60 dB (Horizontal)

U = 4.18 dB (Vertical)

3 CONDUCTED EMISSION TEST

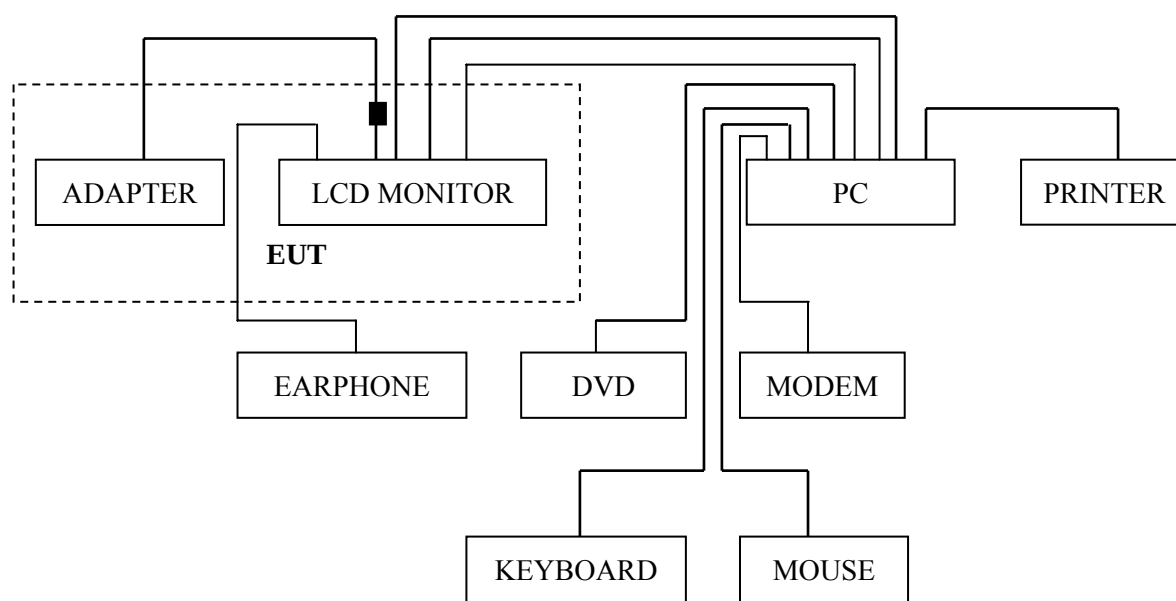
3.1 Test Equipment

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	ESCI	100841	Mar 22, 2011	Mar 22, 2012
2.	Artificial Mains Network (AMN)	R&S	ENV4200	100125	Mar 22, 2011	Mar 22, 2012
3.	Line Impedance Stabilization Network (LISN)	Kyoritsu	KNW-407	8-1280-4	Mar 22, 2011	Mar 22, 2012
4.	50 Ω Coaxial Switch	Anritsu	MP59B	6200426389	Sep 18, 2011	Mar 18, 2012
5.	50 Ω Terminator	Anritsu	BNC	001	Mar 22, 2011	Mar 22, 2012
6.	Software	Audix	E3	SET00200 9804M592	--	--

3.2 Block Diagram of Test Setup

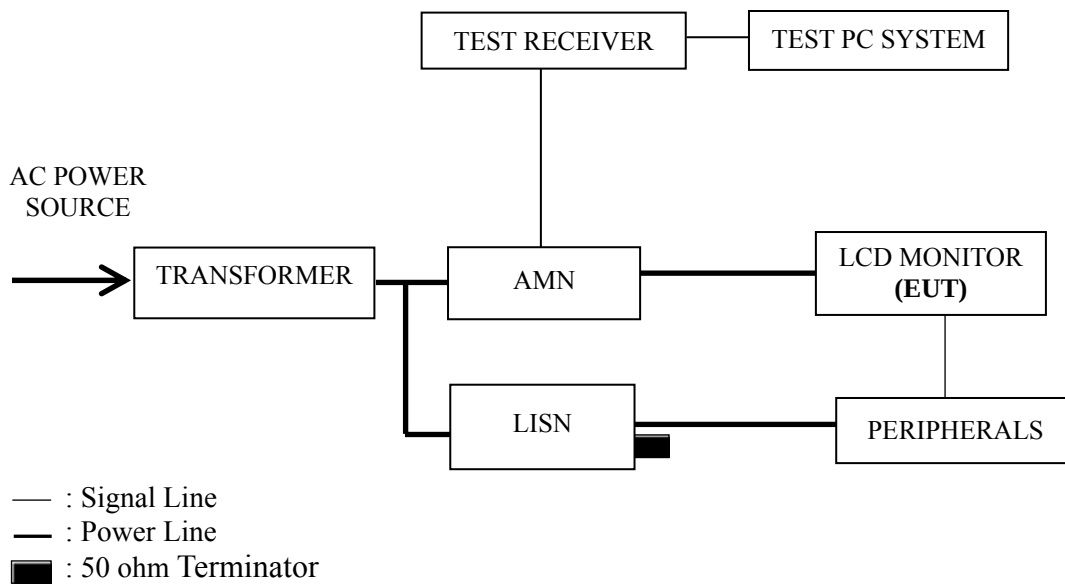
3.2.1 EUT & Peripherals



■ : Ferrite core

Note: Ferrite core only for Adapter #3, 4

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 (we use white letters on a black background to represent all colors), 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
Adapter #1	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 1080i
Adapter #2	D-Sub 1680*1050@60Hz
Adapter #3	D-Sub 1680*1050@60Hz
Adapter #4	D-Sub 1680*1050@60Hz
Adapter #5	D-Sub 1680*1050@60Hz
Adapter #6	D-Sub 1680*1050@60Hz
Adapter #7	D-Sub 1680*1050@60Hz
Adapter #8	D-Sub 1680*1050@60Hz

NOTE: We tested the EUT with adapter #1 and selected the worst test mode to perform test with adapter #2/#3/#4/#5/#6/#7/#8.

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.

Adaptor	Test Mode	Page
Adapter #1	D-Sub 640*480@60Hz	P15
	D-Sub 1280*1024@75Hz	P16
	D-Sub 1680*1050@60Hz	P17
	D-Sub 1920*1080@60Hz	P18
	DVI 640*480@60Hz	P19
	DVI 1280*1024@75Hz	P20
	DVI 1680*1050@60Hz	P21
	DVI 1920*1080@60Hz	P22
	HDMI 480p	P23
	HDMI 720p	P24
	HDMI 1080i	P25
Adapter #2	D-Sub 1680*1050@60Hz	P26
Adapter #3	D-Sub 1680*1050@60Hz	P27
Adapter #4	D-Sub 1680*1050@60Hz	P28
Adapter #5	D-Sub 1680*1050@60Hz	P29
Adapter #6	D-Sub 1680*1050@60Hz	P30
Adapter #7	D-Sub 1680*1050@60Hz	P31
Adapter #8	D-Sub 1680*1050@60Hz	P32

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 D-Sub 1680*1050@60Hz test mode (Adaptor #6). The worst emission is detected at 0.150 MHz (Average Value) with corrected signal level of 51.08 dB (μV) (limit is 56.00 dB (μV)), when the Line of the EUT is connected to AMN.

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 640*480@60Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.166	40.73	9.88	50.61	65.16	14.55	QP
	0.529	29.97	9.77	39.74	56.00	16.26	
	0.788	26.53	10.10	36.63	56.00	19.37	
	1.449	27.17	10.16	37.33	56.00	18.67	
	3.399	25.19	10.06	35.25	56.00	20.75	
	5.333	29.27	10.08	39.35	60.00	20.65	
	0.166	30.70	9.88	40.58	55.16	14.58	AV
	0.529	19.90	9.77	29.67	46.00	16.33	
	0.788	16.50	10.10	26.60	46.00	19.40	
	1.449	17.10	10.16	27.26	46.00	18.74	
	3.399	15.69	10.06	25.75	46.00	20.25	
	5.333	19.20	10.08	29.28	50.00	20.72	
Neutral	0.172	40.20	9.84	50.04	64.86	14.82	QP
	0.521	29.80	9.75	39.55	56.00	16.45	
	0.775	26.91	9.85	36.76	56.00	19.24	
	1.781	26.32	10.01	36.33	56.00	19.67	
	2.422	26.19	10.03	36.22	56.00	19.78	
	5.333	28.57	10.23	38.80	60.00	21.20	
	0.172	30.20	9.84	40.04	54.86	14.82	AV
	0.521	19.40	9.75	29.15	46.00	16.85	
	0.775	17.10	9.85	26.95	46.00	19.05	
	1.781	16.49	10.01	26.50	46.00	19.50	
	2.422	17.10	10.03	27.13	46.00	18.87	
	5.333	18.09	10.23	28.32	50.00	21.68	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1280*1024@75Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.164	40.64	9.88	50.52	65.25	14.73	QP
	0.535	29.97	9.78	39.75	56.00	16.25	
	0.943	26.76	10.19	36.95	56.00	19.05	
	1.449	25.77	10.16	35.93	56.00	20.07	
	2.396	25.44	10.14	35.58	56.00	20.42	
	5.221	28.78	10.07	38.85	60.00	21.15	
	0.164	30.60	9.88	40.48	55.25	14.77	AV
	0.535	19.70	9.78	29.48	46.00	16.52	
	0.943	16.60	10.19	26.79	46.00	19.21	
	1.449	16.20	10.16	26.36	46.00	19.64	
	2.396	16.60	10.14	26.74	46.00	19.26	
	5.221	18.51	10.07	28.58	50.00	21.42	
Neutral	0.168	40.73	9.87	50.60	65.08	14.48	QP
	0.521	30.14	9.75	39.89	56.00	16.11	
	0.775	27.41	9.85	37.26	56.00	18.74	
	1.464	26.38	9.98	36.36	56.00	19.64	
	2.650	27.09	10.03	37.12	56.00	18.88	
	5.333	29.09	10.23	39.32	60.00	20.68	
	0.168	30.90	9.87	40.77	55.08	14.31	AV
	0.521	20.30	9.75	30.05	46.00	15.95	
	0.775	17.80	9.85	27.65	46.00	18.35	
	1.464	16.70	9.98	26.68	46.00	19.32	
	2.650	16.81	10.03	26.84	46.00	19.16	
	5.333	19.69	10.23	29.92	50.00	20.08	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.164	41.31	9.88	51.19	65.25	14.06	QP
	0.529	29.86	9.77	39.63	56.00	16.37	
	0.775	27.05	10.10	37.15	56.00	18.85	
	1.403	25.83	10.18	36.01	56.00	19.99	
	3.364	25.77	10.05	35.82	56.00	20.18	
	5.362	30.16	10.08	40.24	60.00	19.76	
	0.164	30.70	9.88	40.58	55.25	14.67	AV
	0.529	19.20	9.77	28.97	46.00	17.03	
	0.775	16.30	10.10	26.40	46.00	19.60	
	1.403	16.30	10.18	26.48	46.00	19.52	
	3.364	15.70	10.05	25.75	46.00	20.25	
	5.362	20.30	10.08	30.38	50.00	19.62	
Neutral	0.172	40.01	9.84	49.85	64.86	15.01	QP
	0.524	29.83	9.75	39.58	56.00	16.42	
	0.775	27.03	9.85	36.88	56.00	19.12	
	1.367	25.48	9.95	35.43	56.00	20.57	
	3.547	25.80	10.16	35.96	56.00	20.04	
	5.333	29.34	10.23	39.57	60.00	20.43	
	0.172	30.10	9.84	39.94	54.86	14.92	AV
	0.524	19.20	9.75	28.95	46.00	17.05	
	0.775	16.90	9.85	26.75	46.00	19.25	
	1.367	15.40	9.95	25.35	46.00	20.65	
	3.547	15.60	10.16	25.76	46.00	20.24	
	5.333	19.09	10.23	29.32	50.00	20.68	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1920*1080@60Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.169	40.13	9.87	50.00	64.99	14.99	QP
	0.516	29.72	9.76	39.48	56.00	16.52	
	0.775	26.80	10.10	36.90	56.00	19.10	
	1.552	26.02	10.14	36.16	56.00	19.84	
	2.448	25.61	10.14	35.75	56.00	20.25	
	5.277	29.30	10.08	39.38	60.00	20.62	
	0.169	29.60	9.87	39.47	54.99	15.52	AV
	0.516	19.40	9.76	29.16	46.00	16.84	
	0.775	16.40	10.10	26.50	46.00	19.50	
	1.552	15.70	10.14	25.84	46.00	20.16	
	2.448	16.80	10.14	26.94	46.00	19.06	
	5.277	19.30	10.08	29.38	50.00	20.62	
Neutral	0.170	40.10	9.86	49.96	64.94	14.98	QP
	0.535	29.79	9.76	39.55	56.00	16.45	
	0.767	26.86	9.85	36.71	56.00	19.29	
	1.888	26.06	10.01	36.07	56.00	19.93	
	2.527	25.71	10.03	35.74	56.00	20.26	
	5.277	29.10	10.22	39.32	60.00	20.68	
	0.170	29.80	9.86	39.66	54.94	15.28	AV
	0.535	19.80	9.76	29.56	46.00	16.44	
	0.767	17.40	9.85	27.25	46.00	18.75	
	1.888	16.80	10.01	26.81	46.00	19.19	
	2.527	16.50	10.03	26.53	46.00	19.47	
	5.277	18.70	10.22	28.92	50.00	21.08	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : DVI 640*480@60Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.174	38.50	9.85	48.35	64.77	16.42	QP
	0.529	30.14	9.77	39.91	56.00	16.09	
	0.775	28.09	10.10	38.19	56.00	17.81	
	1.449	27.05	10.16	37.21	56.00	18.79	
	2.422	26.05	10.14	36.19	56.00	19.81	
	5.419	29.00	10.09	39.09	60.00	20.91	
	0.174	28.09	9.85	37.94	54.77	16.83	AV
	0.529	19.90	9.77	29.67	46.00	16.33	
	0.775	17.90	10.10	28.00	46.00	18.00	
	1.449	17.30	10.16	27.46	46.00	18.54	
	2.422	16.10	10.14	26.24	46.00	19.76	
	5.419	18.40	10.09	28.49	50.00	21.51	
Neutral	0.170	39.06	9.86	48.92	64.94	16.02	QP
	0.521	29.96	9.75	39.71	56.00	16.29	
	0.779	27.61	9.85	37.46	56.00	18.54	
	1.374	26.46	9.95	36.41	56.00	19.59	
	2.422	26.79	10.03	36.82	56.00	19.18	
	5.333	29.01	10.23	39.24	60.00	20.76	
	0.170	28.60	9.86	38.46	54.94	16.48	AV
	0.521	19.80	9.75	29.55	46.00	16.45	
	0.779	17.50	9.85	27.35	46.00	18.65	
	1.374	16.60	9.95	26.55	46.00	19.45	
	2.422	17.20	10.03	27.23	46.00	18.77	
	5.333	18.99	10.23	29.22	50.00	20.78	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.169	39.43	9.87	49.30	64.99	15.69	QP
	0.529	30.13	9.77	39.90	56.00	16.10	
	0.767	26.99	10.09	37.08	56.00	18.92	
	1.645	26.01	10.14	36.15	56.00	19.85	
	2.422	24.67	10.14	34.81	56.00	21.19	
	5.362	28.89	10.08	38.97	60.00	21.03	
	0.169	29.10	9.87	38.97	54.99	16.02	AV
	0.529	20.30	9.77	30.07	46.00	15.93	
	0.767	17.81	10.09	27.90	46.00	18.10	
	1.645	16.30	10.14	26.44	46.00	19.56	
	2.422	15.50	10.14	25.64	46.00	20.36	
	5.362	19.10	10.08	29.18	50.00	20.82	
Neutral	0.166	40.43	9.88	50.31	65.16	14.85	QP
	0.521	30.02	9.75	39.77	56.00	16.23	
	0.779	26.89	9.85	36.74	56.00	19.26	
	1.433	26.14	9.97	36.11	56.00	19.89	
	2.500	26.39	10.03	36.42	56.00	19.58	
	5.333	29.11	10.23	39.34	60.00	20.66	
	0.166	30.50	9.88	40.38	55.16	14.78	AV
	0.521	20.40	9.75	30.15	46.00	15.85	
	0.779	17.30	9.85	27.15	46.00	18.85	
	1.433	16.10	9.97	26.07	46.00	19.93	
	2.500	16.70	10.03	26.73	46.00	19.27	
	5.333	20.29	10.23	30.52	50.00	19.48	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : DVI 1680*1050@60Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.169	40.02	9.87	49.89	64.99	15.10	QP
	0.524	29.96	9.77	39.73	56.00	16.27	
	0.943	27.03	10.19	37.22	56.00	18.78	
	1.645	26.30	10.14	36.44	56.00	19.56	
	2.474	25.97	10.14	36.11	56.00	19.89	
	5.166	29.32	10.07	39.39	60.00	20.61	
	0.169	29.40	9.87	39.27	54.99	15.72	AV
	0.524	20.70	9.77	30.47	46.00	15.53	
	0.943	16.40	10.19	26.59	46.00	19.41	
	1.645	15.50	10.14	25.64	46.00	20.36	
	2.474	16.40	10.14	26.54	46.00	19.46	
	5.166	18.90	10.07	28.97	50.00	21.03	
Neutral	0.170	39.06	9.86	48.92	64.94	16.02	QP
	0.521	29.96	9.75	39.71	56.00	16.29	
	0.779	27.61	9.85	37.46	56.00	18.54	
	1.374	26.46	9.95	36.41	56.00	19.59	
	2.422	26.79	10.03	36.82	56.00	19.18	
	5.333	29.01	10.23	39.24	60.00	20.76	
	0.170	28.60	9.86	38.46	54.94	16.48	AV
	0.521	20.80	9.75	30.55	46.00	15.45	
	0.779	17.50	9.85	27.35	46.00	18.65	
	1.374	16.60	9.95	26.55	46.00	19.45	
	2.422	16.20	10.03	26.23	46.00	19.77	
	5.333	19.99	10.23	30.22	50.00	19.78	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : DVI 1920*1080@60Hz Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.168	39.76	9.87	49.63	65.08	15.45	QP
	0.529	29.90	9.77	39.67	56.00	16.33	
	0.759	26.46	10.09	36.55	56.00	19.45	
	1.433	26.14	10.17	36.31	56.00	19.69	
	3.041	25.81	10.11	35.92	56.00	20.08	
	5.277	29.15	10.08	39.23	60.00	20.77	
	0.168	30.10	9.87	39.97	55.08	15.11	AV
	0.529	20.60	9.77	30.37	46.00	15.63	
	0.759	17.60	10.09	27.69	46.00	18.31	
	1.433	16.19	10.17	26.36	46.00	19.64	
	3.041	16.30	10.11	26.41	46.00	19.59	
	5.277	19.40	10.08	29.48	50.00	20.52	
Neutral	0.166	40.24	9.88	50.12	65.16	15.04	QP
	0.529	29.92	9.75	39.67	56.00	16.33	
	0.759	27.53	9.85	37.38	56.00	18.62	
	1.433	26.49	9.97	36.46	56.00	19.54	
	2.396	26.37	10.03	36.40	56.00	19.60	
	5.333	29.75	10.23	39.98	60.00	20.02	
	0.166	30.50	9.88	40.38	55.16	14.78	AV
	0.529	20.51	9.75	30.26	46.00	15.74	
	0.759	17.30	9.85	27.15	46.00	18.85	
	1.433	16.50	9.97	26.47	46.00	19.53	
	2.396	17.10	10.03	27.13	46.00	18.87	
	5.333	20.59	10.23	30.82	50.00	19.18	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : HDMI 480p Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.172	38.41	9.85	48.26	64.86	16.60	QP
	0.535	30.11	9.78	39.89	56.00	16.11	
	1.032	28.02	10.20	38.22	56.00	17.78	
	1.628	26.95	10.14	37.09	56.00	18.91	
	2.794	26.35	10.12	36.47	56.00	19.53	
	5.277	29.84	10.08	39.92	60.00	20.08	
	0.172	27.90	9.85	37.75	54.86	17.11	AV
	0.535	20.50	9.78	30.28	46.00	15.72	
	1.032	18.10	10.20	28.30	46.00	17.70	
	1.628	17.80	10.14	27.94	46.00	18.06	
	2.794	16.01	10.12	26.13	46.00	19.87	
	5.277	20.40	10.08	30.48	50.00	19.52	
Neutral	0.169	39.07	9.86	48.93	64.99	16.06	QP
	0.529	30.51	9.75	40.26	56.00	15.74	
	1.010	27.60	9.92	37.52	56.00	18.48	
	1.249	26.98	9.94	36.92	56.00	19.08	
	3.399	25.54	10.14	35.68	56.00	20.32	
	5.362	28.69	10.23	38.92	60.00	21.08	
	0.169	30.40	9.86	40.26	54.99	14.73	AV
	0.529	20.71	9.75	30.46	46.00	15.54	
	1.010	17.20	9.92	27.12	46.00	18.88	
	1.249	16.90	9.94	26.84	46.00	19.16	
	3.399	15.79	10.14	25.93	46.00	20.07	
	5.362	18.60	10.23	28.83	50.00	21.17	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : HDMI 720p Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.164	39.06	9.88	48.94	65.25	16.31	QP
	0.535	30.31	9.78	40.09	56.00	15.91	
	0.767	27.45	10.09	37.54	56.00	18.46	
	1.680	26.90	10.14	37.04	56.00	18.96	
	2.622	26.31	10.13	36.44	56.00	19.56	
	5.166	28.71	10.07	38.78	60.00	21.22	
	0.164	29.40	9.88	39.28	55.25	15.97	AV
	0.535	20.60	9.78	30.38	46.00	15.62	
	0.767	17.41	10.09	27.50	46.00	18.50	
	1.680	17.90	10.14	28.04	46.00	17.96	
	2.622	16.40	10.13	26.53	46.00	19.47	
	5.166	18.70	10.07	28.77	50.00	21.23	
Neutral	0.172	38.44	9.84	48.28	64.86	16.58	QP
	0.521	30.31	9.75	40.06	56.00	15.94	
	0.775	27.80	9.85	37.65	56.00	18.35	
	1.662	27.77	9.99	37.76	56.00	18.24	
	3.107	26.04	10.07	36.11	56.00	19.89	
	5.221	28.63	10.21	38.84	60.00	21.16	
	0.172	28.30	9.84	38.14	54.86	16.72	AV
	0.521	20.50	9.75	30.25	46.00	15.75	
	0.775	17.60	9.85	27.45	46.00	18.55	
	1.662	17.30	9.99	27.29	46.00	18.71	
	3.107	16.10	10.07	26.17	46.00	19.83	
	5.221	18.31	10.21	28.52	50.00	21.48	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : HDMI 1080i Adapter #1 : ADS-40SG-19-3
19025G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.168	38.23	9.87	48.10	65.08	16.98	QP
	0.521	30.23	9.76	39.99	56.00	16.01	
	0.767	27.71	10.09	37.80	56.00	18.20	
	1.680	27.14	10.14	37.28	56.00	18.72	
	3.140	26.23	10.09	36.32	56.00	19.68	
	5.277	29.30	10.08	39.38	60.00	20.62	
	0.168	28.50	9.87	38.37	55.08	16.71	AV
	0.521	20.10	9.76	29.86	46.00	16.14	
	0.767	17.81	10.09	27.90	46.00	18.10	
	1.680	17.20	10.14	27.34	46.00	18.66	
	3.140	16.31	10.09	26.40	46.00	19.60	
	5.277	20.70	10.08	30.78	50.00	19.22	
Neutral	0.172	37.65	9.84	47.49	64.86	17.37	QP
	0.524	30.42	9.75	40.17	56.00	15.83	
	0.767	27.66	9.85	37.51	56.00	18.49	
	1.464	26.85	9.98	36.83	56.00	19.17	
	3.293	26.60	10.12	36.72	56.00	19.28	
	5.166	29.82	10.21	40.03	60.00	19.97	
	0.172	27.60	9.84	37.44	54.86	17.42	AV
	0.524	20.40	9.75	30.15	46.00	15.85	
	0.767	17.80	9.85	27.65	46.00	18.35	
	1.464	16.80	9.98	26.78	46.00	19.22	
	3.293	16.20	10.12	26.32	46.00	19.68	
	5.166	20.21	10.21	30.42	50.00	19.58	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #2 : ADS-40SG-19-3
19032G

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.178	40.88	9.82	50.70	64.59	13.89	QP
	0.456	32.24	9.75	41.99	56.76	14.77	
	0.909	28.92	10.19	39.11	56.00	16.89	
	1.324	29.20	10.19	39.39	56.00	16.61	
	2.765	25.66	10.13	35.79	56.00	20.21	
	5.058	26.84	10.07	36.91	60.00	23.09	
	0.178	30.30	9.82	40.12	54.59	14.47	AV
	0.456	21.90	9.75	31.65	46.76	15.11	
	0.909	18.30	10.19	28.49	46.00	17.51	
	1.324	19.70	10.19	29.89	46.00	16.11	
	2.765	16.10	10.13	26.23	46.00	19.77	
	5.058	17.60	10.07	27.67	50.00	22.33	
Neutral	0.185	39.11	9.79	48.90	64.24	15.34	QP
	0.558	30.37	9.76	40.13	56.00	15.87	
	0.871	28.65	9.90	38.55	56.00	17.45	
	1.610	29.01	9.99	39.00	56.00	17.00	
	3.328	27.88	10.12	38.00	56.00	18.00	
	5.005	28.48	10.21	38.69	60.00	21.31	
	0.185	28.89	9.79	38.68	54.24	15.56	AV
	0.558	20.10	9.76	29.86	46.00	16.14	
	0.871	18.20	9.90	28.10	46.00	17.90	
	1.610	19.50	9.99	29.49	46.00	16.51	
	3.328	18.30	10.12	28.42	46.00	17.58	
	5.005	18.10	10.21	28.31	50.00	21.69	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #3 : LCAP21

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	49.64	9.90	59.54	65.91	6.37	QP
	0.194	42.47	9.79	52.26	63.84	11.58	
	0.247	36.69	9.78	46.47	61.86	15.39	
	0.356	28.72	9.74	38.46	58.83	20.37	
	5.058	26.13	10.07	36.20	60.00	23.80	
	16.398	26.35	10.28	36.63	60.00	23.37	
	0.152	39.20	9.90	49.10	55.91	6.81	AV
	0.194	32.70	9.79	42.49	53.84	11.35	
	0.247	26.30	9.78	36.08	51.86	15.78	
	0.356	18.40	9.74	28.14	48.83	20.69	
	5.058	16.40	10.07	26.47	50.00	23.53	
	16.398	15.90	10.28	26.18	50.00	23.82	
Neutral	0.155	49.30	9.89	59.19	65.74	6.55	QP
	0.202	39.69	9.77	49.46	63.54	14.08	
	0.252	36.64	9.76	46.40	61.69	15.29	
	0.499	24.29	9.75	34.04	56.01	21.97	
	4.874	26.79	10.21	37.00	56.00	19.00	
	20.377	25.15	10.12	35.27	60.00	24.73	
	0.155	39.40	9.89	49.29	55.74	6.45	AV
	0.202	29.50	9.77	39.27	53.54	14.27	
	0.252	26.60	9.76	36.36	51.69	15.33	
	0.499	14.30	9.75	24.05	46.01	21.96	
	4.874	16.30	10.21	26.51	46.00	19.49	
	20.377	14.41	10.12	24.53	50.00	25.47	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #4 : LCAP21A

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	44.52	9.81	54.33	64.42	10.09	QP
	0.499	27.08	9.75	36.83	56.01	19.18	
	0.830	21.85	10.14	31.99	56.00	24.01	
	1.503	24.50	10.15	34.65	56.00	21.35	
	3.207	24.54	10.07	34.61	56.00	21.39	
	4.549	31.32	10.08	41.40	56.00	14.60	
	0.182	34.20	9.81	44.01	54.42	10.41	AV
	0.499	16.40	9.75	26.15	46.01	19.86	
	0.830	12.49	10.14	22.63	46.00	23.37	
	1.503	14.60	10.15	24.75	46.00	21.25	
	3.207	14.51	10.07	24.58	46.00	21.42	
	4.549	21.29	10.08	31.37	46.00	14.63	
Neutral	0.183	43.34	9.79	53.13	64.33	11.20	QP
	0.228	36.49	9.76	46.25	62.52	16.27	
	0.277	30.58	9.76	40.34	60.90	20.56	
	0.499	24.38	9.75	34.13	56.01	21.88	
	4.622	27.79	10.21	38.00	56.00	18.00	
	21.373	29.15	10.15	39.30	60.00	20.70	
	0.183	33.50	9.79	43.29	54.33	11.04	AV
	0.228	26.80	9.76	36.56	52.52	15.96	
	0.277	20.60	9.76	30.36	50.90	20.54	
	0.499	14.10	9.75	23.85	46.01	22.16	
	4.622	17.79	10.21	28.00	46.00	18.00	
	21.373	20.40	10.15	30.55	50.00	19.45	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #5 : LCAP26A-A

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.176	45.00	9.83	54.83	64.68	9.85	QP
	0.221	38.09	9.78	47.87	62.79	14.92	
	0.270	32.65	9.77	42.42	61.12	18.70	
	0.484	24.22	9.75	33.97	56.27	22.30	
	2.931	21.88	10.13	32.01	56.00	23.99	
	21.147	35.09	10.28	45.37	60.00	14.63	
	0.176	34.30	9.83	44.13	54.68	10.55	AV
	0.221	27.20	9.78	36.98	52.79	15.81	
	0.270	22.60	9.77	32.37	51.12	18.75	
	0.484	13.60	9.75	23.35	46.27	22.92	
	2.931	11.59	10.13	21.72	46.00	24.28	
	21.147	25.29	10.28	35.57	50.00	14.43	
Neutral	0.172	45.50	9.84	55.34	64.86	9.52	QP
	0.221	38.07	9.76	47.83	62.79	14.96	
	0.264	33.17	9.76	42.93	61.29	18.36	
	0.481	24.96	9.75	34.71	56.32	21.61	
	4.407	23.46	10.20	33.66	56.00	22.34	
	20.594	34.08	10.13	44.21	60.00	15.79	
	0.172	35.40	9.84	45.24	54.86	9.62	AV
	0.221	27.30	9.76	37.06	52.79	15.73	
	0.264	23.10	9.76	32.86	51.29	18.43	
	0.481	14.90	9.75	24.65	46.32	21.67	
	4.407	13.40	10.20	23.60	46.00	22.40	
	20.594	23.60	10.13	33.73	50.00	16.27	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #6 : LCAP26-A

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	50.13	10.18	60.31	66.00	5.69	QP
	0.200	44.02	9.79	53.81	63.62	9.81	
	0.256	39.65	9.77	49.42	61.56	12.14	
	0.456	29.21	9.75	38.96	56.76	17.80	
	4.158	28.36	10.07	38.43	56.00	17.57	
	22.896	30.04	10.38	40.42	60.00	19.58	
	0.150	40.90	10.18	51.08	56.00	4.92	AV
	0.200	34.10	9.79	43.89	53.62	9.73	
	0.256	29.61	9.77	39.38	51.56	12.18	
	0.456	20.50	9.75	30.25	46.76	16.51	
	4.158	18.80	10.07	28.87	46.00	17.13	
	22.896	20.50	10.38	30.88	50.00	19.12	
Neutral	0.152	45.94	9.90	55.84	65.91	10.07	QP
	0.199	39.25	9.77	49.02	63.67	14.65	
	0.296	31.47	9.75	41.22	60.37	19.15	
	0.521	23.59	9.75	33.34	56.00	22.66	
	4.501	28.92	10.21	39.13	56.00	16.87	
	23.140	31.16	10.24	41.40	60.00	18.60	
	0.152	35.00	9.90	44.90	55.91	11.01	AV
	0.199	29.10	9.77	38.87	53.67	14.80	
	0.296	20.90	9.75	30.65	50.37	19.72	
	0.521	14.10	9.75	23.85	46.00	22.15	
	4.501	19.49	10.21	29.70	46.00	16.30	
	23.140	20.90	10.24	31.14	50.00	18.86	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #7 : ADS-40FSG-19
19032GPCU-1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.184	39.31	9.81	49.12	64.28	15.16	QP
	0.466	26.89	9.75	36.64	56.58	19.94	
	1.000	22.20	10.20	32.40	56.00	23.60	
	1.680	21.31	10.14	31.45	56.00	24.55	
	3.603	23.21	10.07	33.28	56.00	22.72	
	4.549	23.20	10.08	33.28	56.00	22.72	
	0.184	30.10	9.81	39.91	54.28	14.37	AV
	0.466	17.20	9.75	26.95	46.58	19.63	
	1.000	12.60	10.20	22.80	46.00	23.20	
	1.680	11.60	10.14	21.74	46.00	24.26	
	3.603	13.80	10.07	23.87	46.00	22.13	
	4.549	13.79	10.08	23.87	46.00	22.13	
Neutral	0.150	40.91	10.18	51.09	66.00	14.91	QP
	0.471	24.78	9.75	34.53	56.49	21.96	
	0.708	21.78	9.83	31.61	56.00	24.39	
	1.269	27.43	9.94	37.37	56.00	18.63	
	2.794	23.78	10.04	33.82	56.00	22.18	
	4.549	22.26	10.21	32.47	56.00	23.53	
	0.150	30.20	10.18	40.38	56.00	15.62	AV
	0.471	15.60	9.75	25.35	46.49	21.14	
	0.708	12.81	9.83	22.64	46.00	23.36	
	1.269	16.90	9.94	26.84	46.00	19.16	
	2.794	14.30	10.04	24.34	46.00	21.66	
	4.549	12.59	10.21	22.80	46.00	23.20	

TEST ENGINEER: WENCY YANG

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 48%RH

Serial No. : E11121555-01/01 Date of Test : Dec 23, 2011

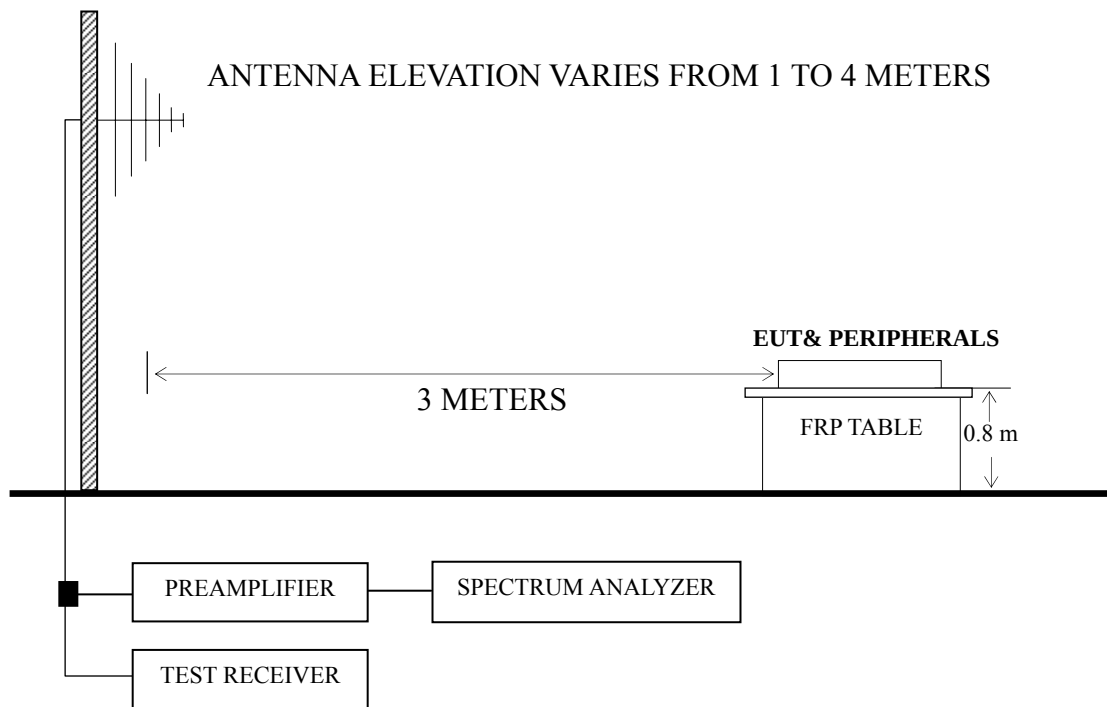
Test Mode : D-Sub 1680*1050@60Hz Adapter #8 : ADS-40FSG-19
19025GPCU-1

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	44.84	9.90	54.74	65.91	11.17	QP
	0.484	28.41	9.75	38.16	56.27	18.11	
	1.010	27.89	10.20	38.09	56.00	17.91	
	1.388	27.56	10.18	37.74	56.00	18.26	
	3.720	25.37	10.07	35.44	56.00	20.56	
	5.277	23.57	10.08	33.65	60.00	26.35	
	0.152	34.50	9.90	44.40	55.91	11.51	AV
	0.484	18.50	9.75	28.25	46.27	18.02	
	1.010	17.90	10.20	28.10	46.00	17.90	
	1.388	17.10	10.18	27.28	46.00	18.72	
	3.720	16.30	10.07	26.37	46.00	19.63	
	5.277	14.60	10.08	24.68	50.00	25.32	
Neutral	0.153	47.24	9.90	57.14	65.82	8.68	QP
	0.413	27.95	9.75	37.70	57.59	19.89	
	0.963	25.04	9.92	34.96	56.00	21.04	
	1.374	25.02	9.95	34.97	56.00	21.03	
	2.448	23.27	10.03	33.30	56.00	22.70	
	5.333	21.99	10.23	32.22	60.00	27.78	
	0.153	36.90	9.90	46.80	55.82	9.02	AV
	0.413	17.80	9.75	27.55	47.59	20.04	
	0.963	14.80	9.92	24.72	46.00	21.28	
	1.374	15.90	9.95	25.85	46.00	20.15	
	2.448	13.60	10.03	23.63	46.00	22.37	
	5.333	12.69	10.23	22.92	50.00	27.08	

TEST ENGINEER: WENCY YANG

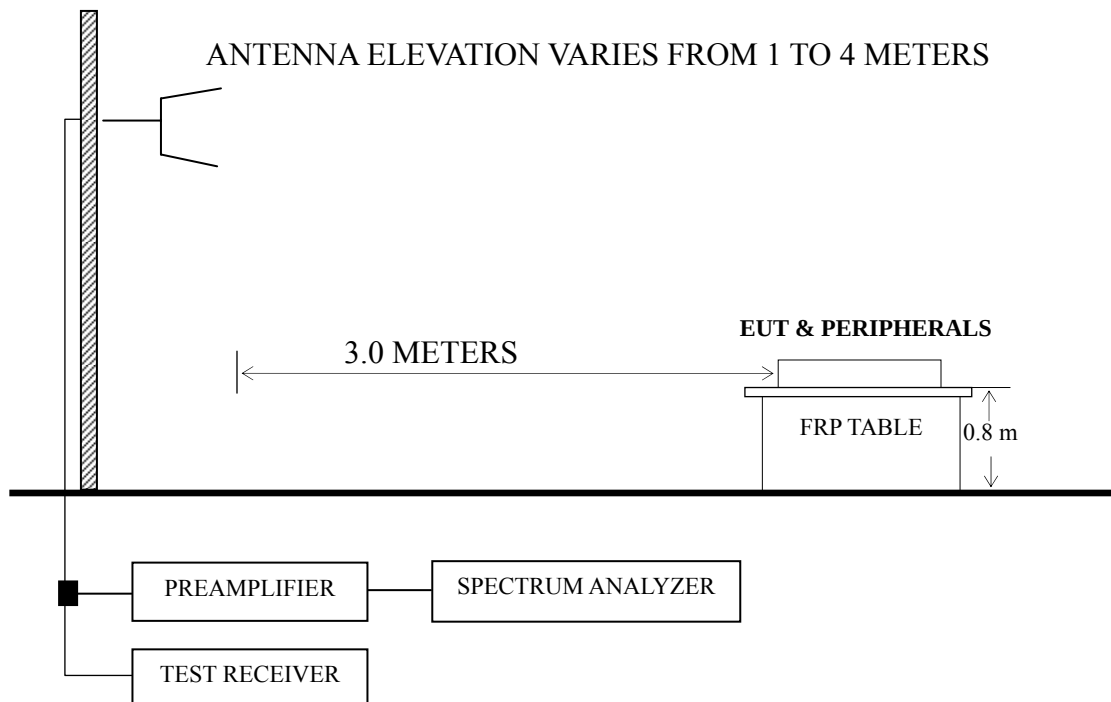
4.2.2 Radiated emission test setup

4.2.2.1 Below 1GHz



■ : 50 ohm Coaxial Switch

4.2.2.2 Above 1GHz



■ : 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) or Horn 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 I.F. 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 D-Sub/DVI 1280*1024@75Hz, 1680*1050@60Hz and 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	Data Page
Adapter #1	D-Sub 640*480@60Hz	P39
	D-Sub 1280*1024@75Hz	P40 – P41
	D-Sub 1680*1050@60Hz	P42 – P43
	D-Sub 1920*1080@60Hz	P44 – P45
	DVI 640*480@60Hz	P46
	DVI 1280*1024@75Hz	P47 – P49
	DVI 1680*1050@60Hz	P49 – P50
	DVI 1920*1080@60Hz	P51 – P52
	HDMI 480p	P53
	HDMI 720p	P54
	HDMI 1080i	P55
Adapter #2	DVI 1280*1024@75Hz	P56 – P57
Adapter #3	DVI 1280*1024@75Hz	P58 – P59
Adapter #4	DVI 1280*1024@75Hz	P60 – P61
Adapter #5	DVI 1280*1024@75Hz	P62 – P63
Adapter #6	DVI 1280*1024@75Hz	P64 – P65
Adapter #7	DVI 1280*1024@75Hz	P66 – P67
Adapter #8	DVI 1280*1024@75Hz	P68 – P69

- 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 – All readings are Quasi-Peak values below or equal to 1GHz, Peak values above 1GHz. (according to ANSI C63.4-2003 8.3.1.2 NOTES 1: Where limits are specified by agencies for both average and peak (or quasi-peak) detection, if the peak (or quasipeak) measured value complies with the average limit, it is unnecessary to perform an average measurement.)
- NOTE 5 – The emission levels that are 20dB below the official limit are not reported.
- NOTE 6 – 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.
- NOTE 7 – We tested the EUT with adapter #1 and selected the worst test mode to perform test with adapter #2/#3/#4/#5/#6/#7/#8.
- NOTE 8 – The worst case is for DVI 1280*1024@75Hz test mode (Adapter #1). The worst emission at horizontal polarization was detected at 353.980 MHz with corrected signal level of 40.46 dB (μV/m) (limit is 46.00 dB (μV/m)), when the antenna was 1.00 m height and the turntable was at 235°. The worst emission at vertical polarization was detected at 168.710 MHz with corrected signal level of 41.07 dB (μV/m) (limit is 43.50 dB (μV/m)), when the antenna was 1.20 m height and the turntable was at 154°.

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 21, 2011

Test Mode : D-Sub 640*480@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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	150.280	22.10	10.41	2.23	34.74	43.50	8.76
	210.420	21.23	10.22	2.46	33.91	43.50	9.59
	242.430	24.82	11.65	2.58	39.05	46.00	6.95
	332.640	16.17	14.62	2.84	33.63	46.00	12.37
	417.030	18.05	16.52	3.04	37.61	46.00	8.39
	563.500	8.73	17.99	3.39	30.11	46.00	15.89
Vertical	33.880	12.68	16.26	0.83	29.77	40.00	10.23
	209.450	22.63	10.18	2.46	35.27	43.50	8.23
	242.430	24.46	11.65	2.58	38.69	46.00	7.31
	403.450	17.89	16.34	2.99	37.22	46.00	8.78
	563.500	17.55	17.99	3.39	38.93	46.00	7.07
	875.840	12.16	20.37	4.75	37.28	46.00	8.72

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 21, 2011

Test Mode : D-Sub 1280*1024@75Hz Adapter #1 : ADS-40SG-19-3
19025G

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	210.420	22.34	10.22	2.46	--	35.02	43.50	8.48	QP
	254.070	23.61	12.18	2.62	--	38.41	46.00	7.59	
	339.430	19.90	14.83	2.85	--	37.58	46.00	8.42	
	471.350	13.71	17.27	3.19	--	34.17	46.00	11.83	
	591.630	9.43	18.16	3.45	--	31.04	46.00	14.96	
	873.900	12.42	20.37	4.60	--	37.39	46.00	8.61	
	1075.000	45.83	25.21	5.27	38.04	38.27	74.00	35.73	PK
	1250.000	41.43	26.08	5.42	37.65	35.28	74.00	38.72	
	1365.000	42.64	26.59	5.55	37.33	37.45	74.00	36.55	
	1465.000	38.41	26.90	5.72	37.06	33.97	74.00	40.03	
	1595.000	40.05	27.08	5.93	36.77	36.29	74.00	37.71	
	1760.000	42.91	27.23	6.17	36.49	39.82	74.00	34.18	
	1075.000	36.83	25.21	5.27	38.04	29.27	54.00	24.73	AV
	1250.000	26.43	26.08	5.42	37.65	20.28	54.00	33.72	
	1365.000	29.64	26.59	5.55	37.33	24.45	54.00	29.55	
	1465.000	28.41	26.90	5.72	37.06	23.97	54.00	30.03	
	1595.000	31.05	27.08	5.93	36.77	27.29	54.00	26.71	
	1760.000	29.91	27.23	6.17	36.49	26.82	54.00	27.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 21, 2011

Test Mode : D-Sub 1280*1024@75Hz Adapter #1 : ADS-40SG-19-3
19025G

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
Vertical	86.260	20.79	10.83	1.68	--	33.30	40.00	6.70	QP
	168.710	22.80	10.13	2.31	--	35.24	43.50	8.26	
	256.980	20.90	12.27	2.63	--	35.80	46.00	10.20	
	338.460	21.65	14.78	2.85	--	39.28	46.00	6.72	
	425.760	16.60	16.64	3.06	--	36.30	46.00	9.70	
	942.770	13.66	20.53	5.10	--	39.29	46.00	6.71	
	1080.000	44.24	25.24	5.27	38.03	36.72	74.00	37.28	PK
	1170.000	43.19	25.66	5.34	37.83	36.36	74.00	37.64	
	1315.000	45.98	26.39	5.51	37.48	40.40	74.00	33.60	
	1465.000	41.47	26.90	5.72	37.06	37.03	74.00	36.97	
	1600.000	44.84	27.08	5.93	36.76	41.09	74.00	32.91	
	1760.000	40.81	27.23	6.17	36.49	37.72	74.00	36.28	
	1080.000	37.24	25.24	5.27	38.03	29.72	54.00	24.28	AV
	1170.000	30.19	25.66	5.34	37.83	23.36	54.00	30.64	
	1315.000	33.98	26.39	5.51	37.48	28.40	54.00	25.60	
	1465.000	28.47	26.90	5.72	37.06	24.03	54.00	29.97	
	1600.000	30.84	27.08	5.93	36.76	27.09	54.00	26.91	
	1760.000	29.81	27.23	6.17	36.49	26.72	54.00	27.28	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 21, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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	215.270	20.73	10.41	2.49	--	33.63	43.50	9.87	QP
	238.550	22.56	11.46	2.57	--	36.59	46.00	9.41	
	321.970	18.56	14.30	2.82	--	35.68	46.00	10.32	
	403.450	14.61	16.34	2.99	--	33.94	46.00	12.06	
	516.940	8.64	17.70	3.30	--	29.64	46.00	16.36	
	871.960	11.40	20.38	4.60	--	36.38	46.00	9.62	
	1020.000	38.57	24.98	5.22	38.16	30.61	74.00	43.39	PK
	1250.000	41.43	26.08	5.42	37.65	35.28	74.00	38.72	
	1365.000	42.64	26.59	5.55	37.33	37.45	74.00	36.55	
	1465.000	38.41	26.90	5.72	37.06	33.97	74.00	40.03	
	1595.000	40.05	27.08	5.93	36.77	36.29	74.00	37.71	
	1760.000	42.91	27.23	6.17	36.49	39.82	74.00	34.18	
	1020.000	30.57	24.98	5.22	38.16	22.61	54.00	31.39	AV
	1250.000	30.43	26.08	5.42	37.65	24.28	54.00	29.72	
	1365.000	29.64	26.59	5.55	37.33	24.45	54.00	29.55	
	1465.000	26.41	26.90	5.72	37.06	21.97	54.00	32.03	
	1595.000	27.05	27.08	5.93	36.77	23.29	54.00	30.71	
	1760.000	31.91	27.23	6.17	36.49	28.82	54.00	25.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 21, 2011

Test Mode : D-Sub 1680*1050@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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
Vertical	81.410	18.44	10.62	1.61	--	30.67	40.00	9.33	QP
	160.950	23.26	10.24	2.28	--	35.78	43.50	7.72	
	242.430	23.36	11.65	2.58	--	37.59	46.00	8.41	
	321.970	18.70	14.30	2.82	--	35.82	46.00	10.18	
	397.630	20.03	16.24	2.98	--	39.25	46.00	6.75	
	562.530	14.34	17.99	3.39	--	35.72	46.00	10.28	
	1080.000	39.24	25.24	5.27	38.03	31.72	74.00	42.28	PK
	1275.000	37.69	26.21	5.47	37.57	31.80	74.00	42.20	
	1315.000	40.98	26.39	5.51	37.48	35.40	74.00	38.60	
	1465.000	36.47	26.90	5.72	37.06	32.03	74.00	41.97	
	1600.000	39.84	27.08	5.93	36.76	36.09	74.00	37.91	
	1760.000	41.81	27.23	6.17	36.49	38.72	74.00	35.28	
	1080.000	31.24	25.24	5.27	38.03	23.72	54.00	30.28	AV
	1275.000	27.69	26.21	5.47	37.57	21.80	54.00	32.20	
	1315.000	26.98	26.39	5.51	37.48	21.40	54.00	32.60	
	1465.000	26.47	26.90	5.72	37.06	22.03	54.00	31.97	
	1600.000	25.84	27.08	5.93	36.76	22.09	54.00	31.91	
	1760.000	27.81	27.23	6.17	36.49	24.72	54.00	29.28	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 21, 2011

Test Mode : D-Sub 1920*1080@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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	200.720	19.77	9.83	2.43	--	32.03	43.50	11.47	QP
	242.430	24.80	11.65	2.58	--	39.03	46.00	6.97	
	321.970	18.13	14.30	2.82	--	35.25	46.00	10.75	
	403.450	16.64	16.34	2.99	--	35.97	46.00	10.03	
	515.970	13.35	17.69	3.30	--	34.34	46.00	11.66	
	723.550	6.60	19.76	3.73	--	30.09	46.00	15.91	
	1020.000	49.57	24.98	5.22	38.16	41.61	74.00	32.39	PK
	1180.000	51.13	25.71	5.34	37.81	44.37	74.00	29.63	
	1250.000	52.43	26.08	5.42	37.65	46.28	74.00	27.72	
	1280.000	51.93	26.23	5.47	37.56	46.07	74.00	27.93	
	1520.000	48.05	27.02	5.83	36.92	43.98	74.00	30.02	
	1620.000	49.17	27.10	5.96	36.72	45.51	74.00	28.49	
	1020.000	40.57	24.98	5.22	38.16	32.61	54.00	21.39	AV
	1180.000	36.13	25.71	5.34	37.81	29.37	54.00	24.63	
	1250.000	39.43	26.08	5.42	37.65	33.28	54.00	20.72	
	1280.000	37.93	26.23	5.47	37.56	32.07	54.00	21.93	
	1520.000	37.05	27.02	5.83	36.92	32.98	54.00	21.02	
	1620.000	34.17	27.10	5.96	36.72	30.51	54.00	23.49	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 21, 2011

Test Mode : D-Sub 1920*1080@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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
Vertical	32.910	11.96	16.79	0.82	--	29.57	40.00	10.43	QP
	98.870	16.54	11.31	1.83	--	29.68	43.50	13.82	
	160.950	22.91	10.24	2.28	--	35.43	43.50	8.07	
	242.430	24.73	11.65	2.58	--	38.96	46.00	7.04	
	397.630	20.26	16.24	2.98	--	39.48	46.00	6.52	
	562.530	13.22	17.99	3.39	--	34.60	46.00	11.40	
	1080.000	50.01	25.24	4.50	38.03	41.72	74.00	32.28	PK
	1170.000	49.02	25.66	4.51	37.83	41.36	74.00	32.64	
	1315.000	51.96	26.39	4.53	37.48	45.40	74.00	28.60	
	1465.000	47.64	26.90	4.55	37.06	42.03	74.00	31.97	
	1600.000	52.21	27.08	4.56	36.76	47.09	74.00	26.91	
	1850.000	47.84	27.30	4.64	36.37	43.41	74.00	30.59	
	1080.000	38.01	25.24	4.50	38.03	29.72	54.00	24.28	AV
	1170.000	35.02	25.66	4.51	37.83	27.36	54.00	26.64	
	1315.000	37.96	26.39	4.53	37.48	31.40	54.00	22.60	
	1465.000	34.64	26.90	4.55	37.06	29.03	54.00	24.97	
	1600.000	43.21	27.08	4.56	36.76	38.09	54.00	15.91	
	1850.000	34.84	27.30	4.64	36.37	30.41	54.00	23.59	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 640*480@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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	210.420	20.03	10.22	2.46	32.71	43.50	10.79
	255.040	22.61	12.22	2.63	37.46	46.00	8.54
	342.340	20.57	14.91	2.86	38.34	46.00	7.66
	422.850	14.23	16.59	3.04	33.86	46.00	12.14
	594.540	12.22	18.17	3.45	33.84	46.00	12.16
	872.930	13.17	20.37	4.60	38.14	46.00	7.86
Vertical	33.880	12.59	16.26	0.83	29.68	40.00	10.32
	86.260	21.25	10.83	1.68	33.76	40.00	6.24
	207.510	21.95	10.11	2.45	34.51	43.50	8.99
	339.430	20.09	14.83	2.85	37.77	46.00	8.23
	425.760	16.14	16.64	3.06	35.84	46.00	10.16
	930.160	12.00	20.46	5.07	37.53	46.00	8.47

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #1 : ADS-40SG-19-3
19025G

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	170.650	23.21	10.10	2.32	--	35.63	43.50	7.87	QP
	288.990	22.89	13.39	2.72	--	39.00	46.00	7.00	
	353.980	22.32	15.25	2.89	--	40.46	46.00	5.54	
	495.600	18.91	17.56	3.25	--	39.72	46.00	6.28	
	675.050	15.93	19.19	3.64	--	38.76	46.00	7.24	
	809.880	13.01	20.57	3.99	--	37.57	46.00	8.43	
	1080.000	53.24	25.24	5.27	38.03	45.72	74.00	28.28	PK
	1170.000	52.19	25.66	5.34	37.83	45.36	74.00	28.64	
	1315.000	54.98	26.39	5.51	37.48	49.40	74.00	24.60	
	1465.000	50.47	26.90	5.72	37.06	46.03	74.00	27.97	
	1600.000	53.84	27.08	5.93	36.76	50.09	74.00	23.91	
	1670.000	52.15	27.14	6.03	36.63	48.69	74.00	25.31	
	1080.000	45.24	25.24	5.27	38.03	37.72	54.00	16.28	AV
	1170.000	41.19	25.66	5.34	37.83	34.36	54.00	19.64	
	1315.000	40.98	26.39	5.51	37.48	35.40	54.00	18.60	
	1465.000	40.47	26.90	5.72	37.06	36.03	54.00	17.97	
	1600.000	45.84	27.08	5.93	36.76	42.09	54.00	11.91	
	1670.000	38.15	27.14	6.03	36.63	34.69	54.00	19.31	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #1 : ADS-40SG-19-3
19025G

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
Vertical	86.260	21.52	10.83	1.68	--	34.03	40.00	5.97	QP
	168.710	28.63	10.13	2.31	--	41.07	43.50	2.43	
	255.040	22.80	12.22	2.63	--	37.65	46.00	8.35	
	342.340	20.28	14.91	2.86	--	38.05	46.00	7.95	
	422.850	22.49	16.59	3.04	--	42.12	46.00	3.88	
	871.960	17.41	20.38	4.60	--	42.39	46.00	3.61	
	1075.000	53.83	25.21	5.27	38.04	46.27	74.00	27.73	PK
	1180.000	48.13	25.71	5.34	37.81	41.37	74.00	32.63	
	1365.000	50.64	26.59	5.55	37.33	45.45	74.00	28.55	
	1465.000	46.41	26.90	5.72	37.06	41.97	74.00	32.03	
	1595.000	48.05	27.08	5.93	36.77	44.29	74.00	29.71	
	1760.000	50.91	27.23	6.17	36.49	47.82	74.00	26.18	
	1075.000	44.83	25.21	5.27	38.04	37.27	54.00	16.73	AV
	1180.000	35.13	25.71	5.34	37.81	28.37	54.00	25.63	
	1365.000	38.64	26.59	5.55	37.33	33.45	54.00	20.55	
	1465.000	35.41	26.90	5.72	37.06	30.97	54.00	23.03	
	1595.000	39.05	27.08	5.93	36.77	35.29	54.00	18.71	
	1760.000	34.91	27.23	6.17	36.49	31.82	54.00	22.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1680*1050@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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	206.540	22.23	10.04	2.45	--	34.72	43.50	8.78	QP
	256.980	25.48	12.27	2.63	--	40.38	46.00	5.62	
	343.310	20.83	14.91	2.86	--	38.60	46.00	7.40	
	422.850	14.23	16.59	3.04	--	33.86	46.00	12.14	
	594.540	12.22	18.17	3.45	--	33.84	46.00	12.16	
	871.960	13.80	20.38	4.60	--	38.78	46.00	7.22	
	1018.000	50.57	24.98	5.22	38.16	41.61	74.00	31.39	PK
	1123.000	51.10	25.71	5.34	37.81	44.37	74.00	29.66	
	1245.000	52.40	26.08	5.42	37.65	46.28	74.00	27.75	
	1232.000	51.90	26.23	5.47	37.56	46.07	74.00	27.96	
	1624.000	48.00	27.02	5.83	36.92	43.98	74.00	30.07	
	1765.000	49.10	27.10	5.96	36.72	45.51	74.00	28.56	
	1018.000	40.50	24.98	5.22	38.16	32.61	54.00	21.46	AV
	1123.000	36.16	25.71	5.34	37.81	29.37	54.00	24.60	
	1245.000	40.43	26.08	5.42	37.65	33.28	54.00	19.72	
	1232.000	36.93	26.23	5.47	37.56	32.07	54.00	22.93	
	1624.000	36.05	27.02	5.83	36.92	32.98	54.00	22.02	
	1765.000	35.17	27.10	5.96	36.72	30.51	54.00	22.49	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1680*1050@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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
Vertical	90.140	19.36	11.00	1.73	--	32.09	43.50	11.41	QP
	209.450	22.15	10.18	2.46	--	34.79	43.50	8.71	
	339.430	17.68	14.83	2.85	--	35.36	46.00	10.64	
	427.700	17.63	16.67	3.06	--	37.36	46.00	8.64	
	591.630	10.32	18.16	3.45	--	31.93	46.00	14.07	
	929.190	7.23	20.44	5.07	--	32.74	46.00	13.26	
	1180.000	49.01	25.24	4.50	38.03	41.72	74.00	33.28	PK
	1070.000	50.02	25.66	4.51	37.83	41.36	74.00	31.64	
	1315.000	51.96	26.39	4.53	37.48	45.00	74.00	29.00	
	1501.000	47.64	26.90	4.55	37.06	42.13	74.00	31.87	
	1590.000	47.05	27.08	5.93	36.77	44.29	74.00	29.71	
	1850.000	47.84	27.30	4.64	36.37	44.41	74.00	29.59	
	1180.000	38.00	25.24	4.50	38.03	29.72	54.00	24.29	AV
	1070.000	35.00	25.66	4.51	37.83	28.36	54.00	25.66	
	1315.000	37.96	26.39	4.53	37.48	31.40	54.00	22.60	
	1501.000	34.64	26.90	4.55	37.06	30.03	54.00	23.97	
	1590.000	34.05	27.08	5.93	36.77	30.39	54.00	23.61	
	1850.000	34.84	27.30	4.64	36.37	30.42	54.00	23.58	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1920*1080@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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	90.140	10.10	11.00	1.73	--	22.83	43.50	20.67	QP
	210.420	17.73	10.22	2.46	--	30.41	43.50	13.09	
	254.070	19.09	12.18	2.62	--	33.89	46.00	12.11	
	338.460	19.29	14.78	2.85	--	36.92	46.00	9.08	
	428.670	12.42	16.67	3.06	--	32.15	46.00	13.85	
	771.080	6.56	20.30	3.84	--	30.70	46.00	15.30	
	1080.000	50.01	25.24	4.50	38.03	41.72	74.00	32.28	PK
	1170.000	49.02	25.66	4.51	37.83	41.36	74.00	32.64	
	1315.000	51.96	26.39	4.53	37.48	45.40	74.00	28.60	
	1465.000	47.64	26.90	4.55	37.06	42.03	74.00	31.97	
	1600.000	51.21	27.08	4.56	36.76	46.09	74.00	27.91	
	1850.000	35.84	27.30	4.64	36.37	31.41	74.00	42.59	
	1080.000	37.01	25.24	4.50	38.03	28.72	54.00	25.28	AV
	1170.000	28.02	25.66	4.51	37.83	20.36	54.00	33.64	
	1315.000	36.96	26.39	4.53	37.48	30.40	54.00	23.60	
	1465.000	33.64	26.90	4.55	37.06	28.03	54.00	25.97	
	1600.000	35.21	27.08	4.56	36.76	30.09	54.00	23.91	
	1850.000	46.84	27.30	4.64	36.37	42.41	54.00	11.59	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1920*1080@60Hz Adapter #1 : ADS-40SG-19-3
19025G

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
Vertical	85.290	20.21	10.80	1.66	--	32.67	40.00	7.33	QP
	209.450	24.49	10.18	2.46	--	37.13	43.50	6.37	
	254.070	22.93	12.18	2.62	--	37.73	46.00	8.27	
	427.700	19.63	16.67	3.06	--	39.36	46.00	6.64	
	591.630	14.24	18.16	3.45	--	35.85	46.00	10.15	
	932.100	12.53	20.46	5.07	--	38.06	46.00	7.94	
	1075.000	52.83	25.21	5.27	38.04	45.27	74.00	28.73	PK
	1250.000	48.43	26.08	5.42	37.65	42.28	74.00	31.72	
	1465.000	45.41	26.90	5.72	37.06	40.97	74.00	33.03	
	1595.000	47.05	27.08	5.93	36.77	43.29	74.00	30.71	
	1760.000	49.91	27.23	6.17	36.49	46.82	74.00	27.18	
	1850.000	43.84	27.30	6.26	36.37	41.03	74.00	32.97	
	1075.000	43.83	25.21	5.27	38.04	36.27	54.00	17.73	AV
	1250.000	33.43	26.08	5.42	37.65	27.28	54.00	26.72	
	1465.000	30.41	26.90	5.72	37.06	25.97	54.00	28.03	
	1595.000	34.05	27.08	5.93	36.77	30.29	54.00	23.71	
	1760.000	39.91	27.23	6.17	36.49	36.82	54.00	17.18	
	1850.000	33.84	27.30	6.26	36.37	31.03	54.00	22.97	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : HDMI 480p Adapter #1 : ADS-40SG-19-3
19025G

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	98.870	18.55	11.31	1.03	30.89	43.50	12.61
	159.980	17.40	10.25	1.28	28.93	43.50	14.57
	216.240	21.52	10.45	1.50	33.47	46.00	12.53
	315.180	18.62	14.12	1.81	34.55	46.00	11.45
	431.580	17.08	16.72	2.13	35.93	46.00	10.07
	800.180	11.28	20.60	2.89	34.77	46.00	11.23
Vertical	36.790	11.53	14.57	0.69	26.79	40.00	13.21
	87.230	22.34	10.88	0.98	34.20	40.00	5.80
	214.300	24.01	10.37	1.50	35.88	43.50	7.62
	431.580	18.62	16.72	2.13	37.47	46.00	8.53
	541.190	14.89	17.86	2.33	35.08	46.00	10.92
	873.900	16.68	20.37	2.98	40.03	46.00	5.97

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : HDMI 720p Adapter #1 : ADS-40SG-19-3
19025G

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	21.07	8.51	0.78	30.36	40.00	9.64
	89.170	22.56	10.96	0.99	34.51	43.50	8.99
	216.240	25.97	10.45	1.50	37.92	46.00	8.08
	431.580	18.77	16.72	2.13	37.62	46.00	8.38
	569.320	15.54	18.04	2.39	35.97	46.00	10.03
	755.560	7.43	20.12	2.80	30.35	46.00	15.65
Vertical	97.900	20.03	11.28	1.03	32.34	43.50	11.16
	165.800	21.30	10.17	1.31	32.78	43.50	10.72
	216.240	24.56	10.45	1.50	36.51	46.00	9.49
	323.910	14.34	14.38	1.84	30.56	46.00	15.44
	431.580	18.30	16.72	2.13	37.15	46.00	8.85
	755.560	14.76	20.12	2.80	37.68	46.00	8.32

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Dec 19, 2011

Test Mode : HDMI 1080i Adapter #1 : ADS-40SG-19-3
19025G

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	65.890	15.81	9.55	0.87	26.23	40.00	13.77
	98.870	25.95	11.31	1.03	38.29	43.50	5.21
	200.720	19.74	9.83	1.45	31.02	43.50	12.48
	335.550	21.86	14.70	1.88	38.44	46.00	7.56
	484.930	13.69	17.44	2.24	33.37	46.00	12.63
	872.930	10.94	20.37	2.98	34.29	46.00	11.71
Vertical	53.280	18.94	8.70	0.80	28.44	40.00	11.56
	83.350	22.63	10.70	0.96	34.29	40.00	5.71
	116.330	18.96	11.07	1.12	31.15	43.50	12.35
	205.570	21.82	10.01	1.47	33.30	43.50	10.20
	337.490	17.51	14.74	1.88	34.13	46.00	11.87
	710.940	5.94	19.63	2.70	28.27	46.00	17.73

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #2 : ADS-40SG-19-3
19032G

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	36.790	10.57	14.57	0.69	--	25.83	40.00	14.17	QP
	93.050	20.81	11.12	1.01	--	32.94	43.50	10.56	
	229.820	22.98	11.05	1.54	--	35.57	46.00	10.43	
	431.580	19.42	16.72	2.13	--	38.27	46.00	7.73	
	541.190	14.98	17.86	2.33	--	35.17	46.00	10.83	
	871.960	17.49	20.38	2.98	--	40.85	46.00	5.15	
	1075.000	55.88	38.04	5.27	22.16	45.27	74.00	28.73	PK
	1250.000	50.46	37.65	5.42	24.05	42.28	74.00	31.72	
	1365.000	51.43	37.33	5.55	24.80	44.45	74.00	29.55	
	1465.000	46.20	37.06	5.72	26.11	40.97	74.00	33.03	
	1595.000	47.72	36.77	5.93	26.41	43.29	74.00	30.71	
	1760.000	50.18	36.49	6.17	26.96	46.82	74.00	27.18	
	1075.000	44.88	38.04	5.27	22.16	34.27	54.00	19.73	AV
	1250.000	35.46	37.65	5.42	24.05	27.28	54.00	26.72	
	1365.000	38.43	37.33	5.55	24.80	31.45	54.00	22.55	
	1465.000	35.20	37.06	5.72	26.11	29.97	54.00	24.03	
	1595.000	38.72	36.77	5.93	26.41	34.29	54.00	19.71	
	1760.000	36.18	36.49	6.17	26.96	32.82	54.00	21.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #2 : ADS-40SG-19-3
19032G

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
Vertical	30.970	1.23	17.78	0.64	--	19.65	40.00	20.35	QP
	96.930	20.84	11.24	1.03	--	33.11	43.50	10.39	
	216.240	24.10	10.45	1.50	--	36.05	46.00	9.95	
	323.910	19.19	14.38	1.84	--	35.41	46.00	10.59	
	431.580	15.09	16.72	2.13	--	33.94	46.00	12.06	
	755.560	10.12	20.12	2.80	--	33.04	46.00	12.96	
	1080.000	46.24	38.03	5.27	22.24	35.72	74.00	38.28	PK
	1170.000	44.47	37.83	5.34	23.38	35.36	74.00	38.64	
	1315.000	46.87	37.48	5.51	24.50	39.40	74.00	34.60	
	1465.000	41.26	37.06	5.72	26.11	36.03	74.00	37.97	
	1600.000	44.52	36.76	5.93	26.40	40.09	74.00	33.91	
	1760.000	46.08	36.49	6.17	26.96	42.72	74.00	31.28	
	1080.000	37.24	38.03	5.27	22.24	26.72	54.00	27.28	AV
	1170.000	29.47	37.83	5.34	23.38	20.36	54.00	33.64	
	1315.000	35.87	37.48	5.51	24.50	28.40	54.00	25.60	
	1465.000	27.26	37.06	5.72	26.11	22.03	54.00	31.97	
	1600.000	33.52	36.76	5.93	26.40	29.09	54.00	24.91	
	1760.000	30.08	36.49	6.17	26.96	26.72	54.00	27.28	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #3 : LCAP21

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	134.760	18.89	10.72	2.14	--	31.75	43.50	11.75	QP
	209.450	22.05	10.18	2.46	--	34.69	43.50	8.81	
	256.010	19.81	12.27	2.63	--	34.71	46.00	11.29	
	427.700	13.30	16.67	3.06	--	33.03	46.00	12.97	
	675.050	10.83	19.19	3.64	--	33.66	46.00	12.34	
	871.960	11.49	20.38	4.60	--	36.47	46.00	9.53	
	1075.000	51.83	25.21	5.27	38.04	44.27	74.00	29.73	PK
	1180.000	46.13	25.71	5.34	37.81	39.37	74.00	34.63	
	1280.000	46.93	26.23	5.47	37.56	41.07	74.00	32.93	
	1430.000	43.84	26.80	5.63	37.15	39.12	74.00	34.88	
	1595.000	47.05	27.08	5.93	36.77	43.29	74.00	30.71	
	1760.000	49.91	27.23	6.17	36.49	46.82	74.00	27.18	
	1075.000	39.83	25.21	5.27	38.04	32.27	54.00	21.73	AV
	1180.000	32.13	25.71	5.34	37.81	25.37	54.00	28.63	
	1280.000	32.93	26.23	5.47	37.56	27.07	54.00	26.93	
	1430.000	32.84	26.80	5.63	37.15	28.12	54.00	25.88	
	1595.000	38.05	27.08	5.93	36.77	34.29	54.00	19.71	
	1760.000	37.91	27.23	6.17	36.49	34.82	54.00	19.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #3 : LCAP21

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
Vertical	30.970	13.12	17.78	0.81	--	31.71	40.00	8.29	QP
	86.260	21.20	10.83	1.68	--	33.71	40.00	6.29	
	170.650	25.90	10.10	2.32	--	38.32	43.50	5.18	
	338.460	20.12	14.78	2.85	--	37.75	46.00	8.25	
	422.850	20.37	16.59	3.04	--	40.00	46.00	6.00	
	540.220	19.43	17.84	3.34	--	40.61	46.00	5.39	
	1025.000	48.41	25.01	4.49	38.15	39.76	74.00	34.24	PK
	1170.000	48.02	25.66	4.51	37.83	40.36	74.00	33.64	
	1365.000	47.88	26.59	4.54	37.33	41.68	74.00	32.32	
	1520.000	45.30	27.02	4.55	36.92	39.95	74.00	34.05	
	1600.000	50.21	27.08	4.56	36.76	45.09	74.00	28.91	
	1850.000	45.84	27.30	4.64	36.37	41.41	74.00	32.59	
	1025.000	36.41	25.01	4.49	38.15	27.76	54.00	26.24	AV
	1170.000	34.02	25.66	4.51	37.83	26.36	54.00	27.64	
	1365.000	32.88	26.59	4.54	37.33	26.68	54.00	27.32	
	1520.000	32.30	27.02	4.55	36.92	26.95	54.00	27.05	
	1600.000	40.21	27.08	4.56	36.76	35.09	54.00	18.91	
	1850.000	33.84	27.30	4.64	36.37	29.41	54.00	24.59	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #4 : LCAP21A

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	74.620	12.62	10.21	1.51	--	24.34	40.00	15.66	QP
	121.180	21.86	10.99	2.03	--	34.88	43.50	8.62	
	210.420	22.23	10.22	2.46	--	34.91	43.50	8.59	
	289.960	24.74	13.42	2.72	--	40.88	46.00	5.12	
	516.940	17.98	17.70	3.30	--	38.98	46.00	7.02	
	656.620	10.62	18.97	3.60	--	33.19	46.00	12.81	
	1020.000	38.57	38.16	5.22	24.98	30.61	74.00	43.39	PK
	1250.000	41.43	37.65	5.42	26.08	35.28	74.00	38.72	
	1365.000	42.64	37.33	5.55	26.59	37.45	74.00	36.55	
	1465.000	38.41	37.06	5.72	26.90	33.97	74.00	40.03	
	1595.000	40.05	36.77	5.93	27.08	36.29	74.00	37.71	
	1760.000	42.91	36.49	6.17	27.23	39.82	74.00	34.18	
	1020.000	30.57	38.16	5.22	24.98	22.61	54.00	31.39	AV
	1250.000	30.43	37.65	5.42	26.08	24.28	54.00	29.72	
	1365.000	29.64	37.33	5.55	26.59	24.45	54.00	29.55	
	1465.000	26.41	37.06	5.72	26.90	21.97	54.00	32.03	
	1595.000	27.05	36.77	5.93	27.08	23.29	54.00	30.71	
	1760.000	31.91	36.49	6.17	27.23	28.82	54.00	25.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #4 : LCAP21A

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
Vertical	85.290	20.49	10.80	1.66	--	32.95	40.00	7.05	QP
	168.710	25.02	10.13	2.31	--	37.46	43.50	6.04	
	338.460	21.85	14.78	2.85	--	39.48	46.00	6.52	
	422.850	21.22	16.59	3.04	--	40.85	46.00	5.15	
	540.220	15.34	17.84	3.34	--	36.52	46.00	9.48	
	800.180	15.66	20.60	2.89	--	39.15	46.00	6.85	
	1080.000	39.24	38.03	5.27	25.24	31.72	74.00	42.28	PK
	1275.000	37.69	37.57	5.47	26.21	31.80	74.00	42.20	
	1315.000	40.98	37.48	5.51	26.39	35.40	74.00	38.60	
	1465.000	36.47	37.06	5.72	26.90	32.03	74.00	41.97	
	1600.000	39.84	36.76	5.93	27.08	36.09	74.00	37.91	
	1760.000	41.81	36.49	6.17	27.23	38.72	74.00	35.28	
	1080.000	31.24	38.03	5.27	25.24	23.72	54.00	30.28	AV
	1275.000	27.69	37.57	5.47	26.21	21.80	54.00	32.20	
	1315.000	26.98	37.48	5.51	26.39	21.40	54.00	32.60	
	1465.000	26.47	37.06	5.72	26.90	22.03	54.00	31.97	
	1600.000	25.84	36.76	5.93	27.08	22.09	54.00	31.91	
	1760.000	27.81	36.49	6.17	27.23	24.72	54.00	29.28	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #5 : LCAP26A-A

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	85.290	10.97	10.80	1.66	--	23.43	40.00	16.57	QP
	134.760	22.18	10.72	2.14	--	35.04	43.50	8.46	
	168.710	21.85	10.13	2.31	--	34.29	43.50	9.21	
	342.340	14.89	14.91	2.86	--	32.66	46.00	13.34	
	405.390	12.52	16.37	3.01	--	31.90	46.00	14.10	
	871.960	9.54	20.38	4.60	--	34.52	46.00	11.48	
	1080.000	44.01	25.24	4.50	38.03	35.72	74.00	38.28	PK
	1170.000	42.02	25.66	4.51	37.83	34.36	74.00	39.64	
	1315.000	44.96	26.39	4.53	37.48	38.40	74.00	35.60	
	1465.000	40.64	26.90	4.55	37.06	35.03	74.00	38.97	
	1600.000	44.21	27.08	4.56	36.76	39.09	74.00	34.91	
	1760.000	46.40	27.23	4.58	36.49	41.72	74.00	32.28	
	1080.000	30.01	25.24	4.50	38.03	21.72	54.00	32.28	AV
	1170.000	28.02	25.66	4.51	37.83	20.36	54.00	33.64	
	1315.000	30.96	26.39	4.53	37.48	24.40	54.00	29.60	
	1465.000	28.64	26.90	4.55	37.06	23.03	54.00	30.97	
	1600.000	34.21	27.08	4.56	36.76	29.09	54.00	24.91	
	1760.000	30.40	27.23	4.58	36.49	25.72	54.00	28.28	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #5 : LCAP26A-A

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
Vertical	30.970	8.65	17.78	0.81	--	27.24	40.00	12.76	QP
	60.070	16.84	9.14	1.19	--	27.17	40.00	12.83	
	168.710	16.88	10.13	2.31	--	29.32	43.50	14.18	
	255.040	27.13	12.22	2.63	--	41.98	46.00	4.02	
	338.460	20.92	14.78	2.85	--	38.55	46.00	7.45	
	422.850	15.63	16.59	3.04	--	35.26	46.00	10.74	
	1075.000	50.83	25.21	5.27	38.04	43.27	74.00	30.73	PK
	1180.000	45.13	25.71	5.34	37.81	38.37	74.00	35.63	
	1365.000	47.64	26.59	5.55	37.33	42.45	74.00	31.55	
	1465.000	43.41	26.90	5.72	37.06	38.97	74.00	35.03	
	1595.000	45.05	27.08	5.93	36.77	41.29	74.00	32.71	
	1760.000	47.91	27.23	6.17	36.49	44.82	74.00	29.18	
	1075.000	40.83	25.21	5.27	38.04	33.27	54.00	20.73	AV
	1180.000	33.13	25.71	5.34	37.81	26.37	54.00	27.63	
	1365.000	36.64	26.59	5.55	37.33	31.45	54.00	22.55	
	1465.000	33.41	26.90	5.72	37.06	28.97	54.00	25.03	
	1595.000	36.05	27.08	5.93	36.77	32.29	54.00	21.71	
	1760.000	33.91	27.23	6.17	36.49	30.82	54.00	23.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #6 : LCAP26-A

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	170.650	21.47	10.10	2.32	--	33.89	43.50	9.61	QP
	256.010	23.58	12.27	2.63	--	38.48	46.00	7.52	
	342.340	19.86	14.91	2.86	--	37.63	46.00	8.37	
	422.850	16.70	16.59	3.04	--	36.33	46.00	9.67	
	675.050	16.81	19.19	3.64	--	39.64	46.00	6.36	
	873.900	11.34	20.37	4.60	--	36.31	46.00	9.69	
	1080.000	46.01	25.24	4.50	38.03	37.72	74.00	36.28	PK
	1315.000	46.96	26.39	4.53	37.48	40.40	74.00	33.60	
	1465.000	42.64	26.90	4.55	37.06	37.03	74.00	36.97	
	1600.000	46.21	27.08	4.56	36.76	41.09	74.00	32.91	
	1760.000	48.40	27.23	4.58	36.49	43.72	74.00	30.28	
	1850.000	41.84	27.30	4.64	36.37	37.41	74.00	36.59	
	1080.000	36.01	25.24	4.50	38.03	27.72	54.00	26.28	AV
	1315.000	31.96	26.39	4.53	37.48	25.40	54.00	28.60	
	1465.000	28.64	26.90	4.55	37.06	23.03	54.00	30.97	
	1600.000	32.21	27.08	4.56	36.76	27.09	54.00	26.91	
	1760.000	40.40	27.23	4.58	36.49	35.72	54.00	18.28	
	1850.000	29.84	27.30	4.64	36.37	25.41	54.00	28.59	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #6 : LCAP26-A

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
Vertical	33.880	10.85	16.26	0.83	--	27.94	40.00	12.06	QP
	86.260	20.72	10.83	1.68	--	33.23	40.00	6.77	
	169.680	26.34	10.11	2.32	--	38.77	43.50	4.73	
	422.850	20.45	16.59	3.04	--	40.08	46.00	5.92	
	540.220	19.63	17.84	3.34	--	40.81	46.00	5.19	
	871.960	13.08	20.38	4.60	--	38.06	46.00	7.94	
	1075.000	49.83	25.21	5.27	38.04	42.27	74.00	31.73	PK
	1180.000	44.13	25.71	5.34	37.81	37.37	74.00	36.63	
	1365.000	46.64	26.59	5.55	37.33	41.45	74.00	32.55	
	1465.000	42.41	26.90	5.72	37.06	37.97	74.00	36.03	
	1595.000	44.05	27.08	5.93	36.77	40.29	74.00	33.71	
	1760.000	46.91	27.23	6.17	36.49	43.82	74.00	30.18	
	1075.000	35.83	25.21	5.27	38.04	28.27	54.00	25.73	AV
	1180.000	32.13	25.71	5.34	37.81	25.37	54.00	28.63	
	1365.000	32.64	26.59	5.55	37.33	27.45	54.00	26.55	
	1465.000	30.41	26.90	5.72	37.06	25.97	54.00	28.03	
	1595.000	35.05	27.08	5.93	36.77	31.29	54.00	22.71	
	1760.000	32.91	27.23	6.17	36.49	29.82	54.00	24.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #7 : ADS-40FSG-19
19032GPCU-1

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	38.730	9.25	13.40	0.86	--	23.51	40.00	16.49	QP
	134.760	21.64	10.72	2.14	--	34.50	43.50	9.00	
	179.380	23.46	10.00	2.35	--	35.81	43.50	7.69	
	254.070	21.25	12.18	2.62	--	36.05	46.00	9.95	
	422.850	16.14	16.59	3.04	--	35.77	46.00	10.23	
	771.080	7.46	20.30	3.84	--	31.60	46.00	14.40	
	1080.000	43.24	38.03	5.27	22.24	32.72	74.00	41.28	PK
	1275.000	40.65	37.57	5.47	24.25	32.80	74.00	41.20	
	1365.000	40.66	37.33	5.55	24.80	33.68	74.00	40.32	
	1465.000	38.26	37.06	5.72	26.11	33.03	74.00	40.97	
	1600.000	41.52	36.76	5.93	26.40	37.09	74.00	36.91	
	1760.000	43.08	36.49	6.17	26.96	39.72	74.00	34.28	
	1080.000	32.24	38.03	5.27	22.24	21.72	54.00	32.28	AV
	1275.000	29.65	37.57	5.47	24.25	21.80	54.00	32.20	
	1365.000	28.66	37.33	5.55	24.80	21.68	54.00	32.32	
	1465.000	22.26	37.06	5.72	26.11	17.03	54.00	36.97	
	1600.000	29.52	36.76	5.93	26.40	25.09	54.00	28.91	
	1760.000	30.08	36.49	6.17	26.96	26.72	54.00	27.28	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #7 : ADS-40FSG-19
19032GPCU-1

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
Vertical	30.970	8.66	17.78	0.81	--	27.25	40.00	12.75	QP
	86.260	20.65	10.83	1.68	--	33.16	40.00	6.84	
	256.010	26.50	12.27	2.63	--	41.40	46.00	4.60	
	340.400	23.36	14.83	2.86	--	41.05	46.00	4.95	
	422.850	16.98	16.59	3.04	--	36.61	46.00	9.39	
	773.990	13.31	20.34	3.84	--	37.49	46.00	8.51	
	1075.000	48.88	38.04	5.27	22.16	38.27	74.00	35.73	PK
	1250.000	43.46	37.65	5.42	24.05	35.28	74.00	38.72	
	1365.000	44.43	37.33	5.55	24.80	37.45	74.00	36.55	
	1465.000	39.20	37.06	5.72	26.11	33.97	74.00	40.03	
	1595.000	40.72	36.77	5.93	26.41	36.29	74.00	37.71	
	1760.000	43.18	36.49	6.17	26.96	39.82	74.00	34.18	
	1075.000	40.88	38.04	5.27	22.16	30.27	54.00	23.73	AV
	1250.000	32.46	37.65	5.42	24.05	24.28	54.00	29.72	
	1365.000	30.43	37.33	5.55	24.80	23.45	54.00	30.55	
	1465.000	26.20	37.06	5.72	26.11	20.97	54.00	33.03	
	1595.000	28.72	36.77	5.93	26.41	24.29	54.00	29.71	
	1760.000	29.18	36.49	6.17	26.96	25.82	54.00	28.18	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2342VA Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #8 : ADS-40FSG-19
19025GPCU-1

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	134.760	20.00	10.72	2.14	--	32.86	43.50	10.64	QP
	256.980	23.15	12.27	2.63	--	38.05	46.00	7.95	
	342.340	19.86	14.91	2.86	--	37.63	46.00	8.37	
	422.850	14.24	16.59	3.04	--	33.87	46.00	12.13	
	675.050	12.49	19.19	3.64	--	35.32	46.00	10.68	
	873.900	11.34	20.37	4.60	--	36.31	46.00	9.69	
	1020.000	41.57	24.98	5.22	38.16	33.61	74.00	40.39	PK
	1180.000	43.13	25.71	5.34	37.81	36.37	74.00	37.63	
	1280.000	43.93	26.23	5.47	37.56	38.07	74.00	35.93	
	1370.000	40.32	26.60	5.55	37.32	35.15	74.00	38.85	
	1575.000	38.76	27.06	5.90	36.81	34.91	74.00	39.09	
	1720.000	40.57	27.19	6.10	36.55	37.31	74.00	36.69	
	1020.000	30.57	24.98	5.22	38.16	22.61	54.00	31.39	AV
	1180.000	26.13	25.71	5.34	37.81	19.37	54.00	34.63	
	1280.000	25.93	26.23	5.47	37.56	20.07	54.00	33.93	
	1370.000	26.32	26.60	5.55	37.32	21.15	54.00	32.85	
	1575.000	27.76	27.06	5.90	36.81	23.91	54.00	30.09	
	1720.000	25.57	27.19	6.10	36.55	22.31	54.00	31.69	

TEST ENGINEER: RAVEN JIN

EUT : LCD Monitor Temperature : 22°C

Model No. : E2351VZ Humidity : 60%RH

Serial No. : E11121555-01/01 Date of Test : Jan 01, 2011

Test Mode : DVI 1280*1024@75Hz Adapter #8 : ADS-40FSG-19
19025GPCU-1

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
Vertical	30.970	11.09	17.78	0.81	--	29.68	40.00	10.32	QP
	86.260	21.64	10.83	1.68	--	34.15	40.00	5.85	
	170.650	23.92	10.10	2.32	--	36.34	43.50	7.16	
	209.450	21.29	10.18	2.46	--	33.93	43.50	9.57	
	423.820	20.12	16.62	3.06	--	39.80	46.00	6.20	
	873.900	13.99	20.37	4.60	--	38.96	46.00	7.04	
	1080.000	46.01	25.24	4.50	38.03	37.72	74.00	36.28	PK
	1170.000	45.02	25.66	4.51	37.83	37.36	74.00	36.64	
	1315.000	47.96	26.39	4.53	37.48	41.40	74.00	32.60	
	1465.000	43.64	26.90	4.55	37.06	38.03	74.00	35.97	
	1600.000	47.21	27.08	4.56	36.76	42.09	74.00	31.91	
	1670.000	45.61	27.14	4.57	36.63	40.69	74.00	33.31	
	1080.000	36.01	25.24	4.50	38.03	27.72	54.00	26.28	AV
	1170.000	32.02	25.66	4.51	37.83	24.36	54.00	29.64	
	1315.000	33.96	26.39	4.53	37.48	27.40	54.00	26.60	
	1465.000	31.64	26.90	4.55	37.06	26.03	54.00	27.97	
	1600.000	38.21	27.08	4.56	36.76	33.09	54.00	20.91	
	1670.000	32.61	27.14	4.57	36.63	27.69	54.00	26.31	

TEST ENGINEER: RAVEN JIN

5 DEVIATION TO TEST SPECIFICATIONS

None.