FCC TEST REPORT

Report No.: SEFD1009016

According to

47 CFR, Part 2, Part 15 and CISPR PUB. 22

Applicant : LG Electronics USA

Address 1000 Sylvan Avenue Englewood Cliffs New Jersey

United States

Manufacturer: LG Electronics Nanjing Display Co., Ltd.

Address No.346, Yaoxin Road Economic & Technical

Development Zone Nanjing China

Equipment : LCD Monitor

Model No. : IPS236VX

FCC ID : BEJIPS236VX

Trade Name : LG

• The test result refers exclusively to the test presented test model / sample.

• Without written approval of *Cerpass Technology Corp.* the test report shall not be reproduced except in full.

 The test report must not be used by the clients to claim product certification approval by *NVLAP* or any agency of the Government.

Page No.

: 1 of 21

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666

Table of Contents

Report No.: SEFD1009016

Issued Date : Sep 17, 2010

Page No. : 2 of 21

1.	Sumn	nary of Test Procedure and Test Result	5
2.	Test C	Configuration of Equipment under Test	6
	2.1.	Feature of Equipment under Test	6
	2.2.	Test Manner	7
	2.3.	Description of Test System	8
	2.4.	Connection Diagram of Test System	8
	2.5.	General Information of Test	9
	2.6.	Measurement Uncertainty	9
3.	Test o	of Conducted Emission	10
	3.1.	Test Limit	10
	3.2.	Test Procedures	10
	3.3.	Typical test Setup	11
	3.4.	Measurement equipment	11
	3.5.	Test Result and Data	12
4.	Test o	of Radiated Emission	13
	4.1.	Test Limit	13
	4.2.	Test Procedures	14
	4.3.	Typical test Setup	14
	4.4.	Measurement equipment	15
	45	Test Result and Data	16

Document history

Report No.: SEFD1009016

Attachment No.	Date	Description
SEFD1009016	Sep 17, 2010	First edition

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 3 of 21

FCC TEST REPORT

Report No.: SEFD1009016

According to

47 CFR, Part 2, Part 15 and CISPR PUB. 22

Applicant : LG Electronics USA 1000 Sylvan Avenue Englewood Cliffs New Jersey Address **United States** Manufacturer : LG Electronics Nanjing Display Co., Ltd. No.346, Yaoxin Road Economic & Technical Address **Development Zone Nanjing China LCD** Monitor Equipment Model No. IPS236VX FCC ID BEJIPS236VX Trade Name : LG

I HEREBY CERTIFY THAT:

The measurements shown in this test report were made in accordance with the procedures given in ANSI C63.4 - 2003 and the energy emitted by this equipment was passed CISPR PUB. 22 and FCC Part 15 in both radiated and conducted emission class B limits. Testing was carried out on Sep 15, 2010 at Cerpass Technology Corp.

Documented By:	Approved By:

Sophie Li/ Administration Hill Chen/ Technical director

Cerpass Technology Corp. Issued Date : Sep 17, 2010 Page No. : 4 of 21

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666



1. Summary of Test Procedure and Test Result

Test Item	Normative References	Test Result	
Condusted Emission	ANSI C63.4-2003	PASS	
Conducted Emission	FCC Part 15 Subpart B		
Dadiated Emission	ANSI C63.4-2003	DACC	
Radiated Emission	FCC Part 15 Subpart B	PASS	

Report No.: SEFD1009016

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 5 of 21



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

	<u> </u>	
Model No:	IPS236VX	
Manufacturer:	DELTA	
Model No:	EADP-40LB B	
Input:	100-240v~1.3A 50-60Hz	
Output:	19V2.1A	
Non-Shielded, 1	.5m	
Manufacturer:	LG	
Model No:	PA-1650-68	
Input:	100-240V~, 50-60Hz 2.0A	
Output:	19V3.42A	
DC Cable Non-Shielded, 1.5m, with one ferrite core bonded		
Shielded, 1.8m,	with two ferrite cores bonded	
Shielded, 1.8m		
Shielded, 1.8m,	with two ferrite cores bonded	
Shielded, 1.8m		
Power Supply cable Non-Shielded, 1.8m		
Note: The VGA Cable and DVI Cable are alternative on selling.		
	Manufacturer: Model No: Input: Output: Non-Shielded, 1 Manufacturer: Model No: Input: Output: Non-Shielded, 1 Shielded, 1.8m, Shielded, 1.8m, Shielded, 1.8m, Shielded, 1.8m Non-Shielded, 1	

Report No.: SEFD1009016

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 6 of 21



2.2. Test Manner

T 0 . 6						
lest S	Test Software					
а	During testing, the interface cables and equipment positions were varied according to ANSI					
	C63.4.					
b	The complete test system included the PC, USB Mouse, USB Keyboard,					
	Microphone&Earphone and EUT for EMI test.					
С	During the test, setup up the EUT and all system, turn on the power of all Equipments, run					
	the EMC test software "H", set the contrast control to maximum, set the brightness control to					
	maximum, use white letters on a black background to represent all colors, make the EUT at					
	the test mode and it is normal operation, and then test.					
The pr	e-test modes					
	Test Mode 1: Full system (VGA mode 1920*1080@60Hz) with ADAPTER 1#					
	Test Mode 2: Full system (VGA mode 1024*768@75Hz) with ADAPTER 1#					
	Test Mode 3: Full system (VGA mode 720*400@70Hz) with ADAPTER 1#					
	Test Mode 4: Full system (DVI mode 1920*1080@60Hz) with ADAPTER 1#					
	Test Mode 5: Full system (DVI mode 1024*768@75Hz) with ADAPTER 1#					
	Test Mode 6: Full system (DVI mode 720*400@70Hz) with ADAPTER 1#					
	Test Mode 7: Full system HDMI In with ADAPTER 1#					
	Test Mode 8: Full system (VGA mode 1920*1080@60Hz) with ADAPTER 2#					
	Test Mode 9: Full system (VGA mode 1024*768@75Hz) with ADAPTER 2#					
	Test Mode 10: Full system (VGA mode 720*400@70Hz) with ADAPTER 2#					
	Test Mode 11: Full system (DVI mode 1920*1080@60Hz) with ADAPTER 2#					
	Test Mode 12: Full system (DVI mode 1024*768@75Hz) with ADAPTER 2#					
	Test Mode 13: Full system (DVI mode 720*400@70Hz) with ADAPTER 2#					
	Test Mode 14: Full system HDMI In with ADAPTER 2#					
Select	Select the worst case of the pre-test modes as the final test mode					
	Test Mode 1: Full system (VGA mode 1920*1080@60Hz) with ADAPTER 1#					

Report No.: SEFD1009016

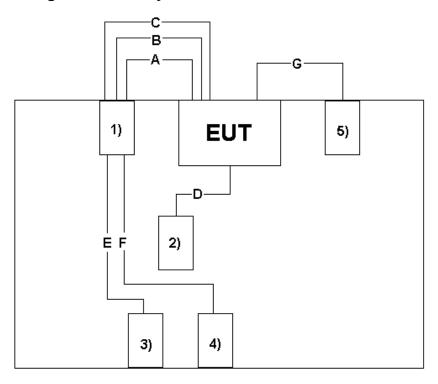
Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 7 of 21

2.3. Description of Test System

No	Device	Manufacturer	Model No.	Description
1	PC	Dell	DCSM	N/A
2	Microphone&Earphone	SALAR	N/A	N/A
3	USB Keyboard	DELL	SK-8115	N/A
4	USB Mouse	DELL	G0K02XYK	N/A
5	Printer	Epson	EX3	N/A

2.4. Connection Diagram of Test System



No	Cable	Quantity	Description	
Α	VGA Cable	1	Shielded, 1.8m, with two ferrite cores bonded	
В	DVI Cable	1	Shielded, 1.8m	
С	HDMI Cable	1	Shielded, 1.8m	
D	Audio Cable	1	Non-Shielded, 2.0m	
Е	USB Cable	1	Shielded, 1.8m, with one ferrite core bonded	
F	USB Cable	1	Shielded, 1.5m	
G	Parallel Cable	1	Shielded, 1.8m	

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 8 of 21

2.5. General Information of Test

Test Site:	Cerpass Technology Corp.		
Performand Location :	No.66, Tangzhuang Road, Suzhou Industrial Park, Jiangsu 215006, China		
NVLAP LAB Code :	200814-0		
FCC Registration Number :	916572, 331395		
IC Registration Number :	7290A-1, 7290A-2		
VCCI Registration Number :	T-343 for Telecommunication Test C-2919 for Conducted emission test R-2670 for Radiated emission test below 1GHz G-227 for Radiated emission test above 1GHz		
Frequency Range Investigated :	Conducted Emission Test: from 150kHz to 30 MHz Radiated Emission Test: from 30 MHz to 1,000 MHz Radiated Emission Test: from 1GHz to 18GHz		
Test Distance :	The test distance of radiated emission below 1GHz from antenna to EUT is 3 M. The test distance of radiated emission above 1GHz from antenna to EUT is 3 M.		

Report No.: SEFD1009016

Laboratory accreditation



2.6. Measurement Uncertainty

Conducted Emission						
The measurement ur	The measurement uncertainty is evaluated as ± 2.71 dB.					
Radiated Emission	Radiated Emission					
(30MHz -1000MHz)	Horizontal	The measurement uncertainty is evaluated as ±3.89dB.				
(30MHZ - 1000MHZ)	Vertical	The measurement uncertainty is evaluated as ± 3.59 dB.				
(10 100 47)	Horizontal	The measurement uncertainty is evaluated as ± 2.31 dB.				
(1G-18GHz)	Vertical	The measurement uncertainty is evaluated as ± 2.15 dB.				

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 9 of 21

Test of Conducted Emission

3.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2003 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Report No.: SEFD1009016

Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB µ V)	
0.15 – 0.5	66-56*	56-46*	
0.5 - 5.0	56	46	
5.0 - 30.0	60	50	

3.2. **Test Procedures**

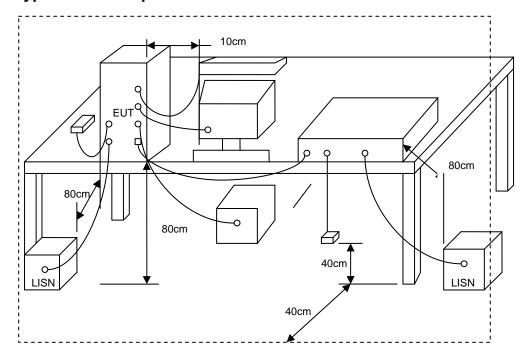
- a. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- b. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- c. All the support units are connecting to the other LISN.
- d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- e. The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- f. Both sides of AC line were checked for maximum conducted interference.
- g. The frequency range from 150 kHz to 30 MHz was searched.
- h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Cerpass Technology Corp. Issued Date : Sep 17, 2010 Page No. : 10 of 21

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666



3.3. Typical test Setup



Report No.: SEFD1009016

3.4. Measurement equipment

Instrument Manufacturer		Model No.	Serial No.	Calibration Date
Test Receiver	R&S	ESCI	100565	2010.01.15
AMN	R&S	ESH2-Z5	100182	2010.06.23
Two-Line V-Network	R&S	ENV216	100325	2010.04.18
ISN	FCC	FCC-TLISN-T2-02	20379	2010.06.23
ISN	FCC	FCC-TLISN-T4-02	20380	2010.06.23
ISN	FCC	FCC-TLISN-T8-02	20381	2010.06.23
Current Probe	R&S	EZ-17	100303	2010.06.23
Attenuator	R&S	ESH3-Z2	100529	2010.01.11
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-004	2010.08.14

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 11 of 21

3.5. Test Result and Data

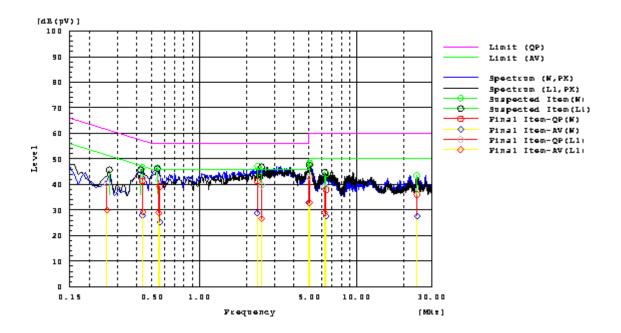
Test Mode: Mode 1: Full system (VGA mode 1920*1080@60Hz) with ADAPTER 1#

AC Power: AC 120V/60Hz Phase: L&N

EUT: LCD Monitor Model No.: IPS236VX

Temperature: 21°C Humidity: 51%

Pressur(mbar): 1002 Date: 2010/09/08



Fraguenov	Line	Reading	Reading	Factor	Level	Level	Limit	Limit	Margin	Margin	
Frequency MHz	Phase	dB(uV)	dB(uV)	dB	dB(uV)	dB(uV)	dB(uV)	dB(uV)	dB	dB	Pass/Fail
IVITIZ	Filase	QP	AV	uБ	QP	AV	QP	AV	QP	AV	
0.25786	L1	20.6	10.0	19.9	40.5	29.9	61.5	51.5	21.0	21.6	Pass
0.55226	L1	22.0	9.1	19.8	41.8	28.9	56.0	46.0	14.2	17.1	Pass
4.9991	L1	23.3	13.2	19.7	43.0	32.9	56.0	46.0	13.0	13.1	Pass
2.48392	L1	20.0	7.0	19.7	39.7	26.7	56.0	46.0	16.3	19.3	Pass
6.2665	L1	19.2	9.4	19.7	38.9	29.1	60.0	50.0	21.1	20.9	Pass
0.43702	L1	22.4	9.3	19.9	42.3	29.2	57.1	47.1	14.8	17.9	Pass
0.43411	Ν	21.8	8.4	19.5	41.3	27.9	57.2	47.2	15.9	19.3	Pass
0.56177	Ν	19.8	5.9	19.5	39.3	25.4	56.0	46.0	16.7	20.6	Pass
5.028	N	23.3	13.3	19.7	43.0	33.0	60.0	50.0	17.0	17.0	Pass
6.4129	N	18.3	8.0	19.7	38.0	27.7	60.0	50.0	22.0	22.3	Pass
2.34133	N	21.8	9.3	19.5	41.3	28.8	56.0	46.0	14.7	17.2	Pass
24.210	N	16.3	7.8	19.8	36.1	27.6	60.0	50.0	23.9	22.4	Pass

Note: Measurement Level = Reading Level + Correct Factor

Test engineer: Cheney Van

Cerpass Technology Corp. Issued Date : Sep 17, 2010 Page No. : 12 of 21

4. Test of Radiated Emission

4.1. Test Limit

Radiated emissions from 30 MHz to 1,000 MHz were measured with a bandwidth of 120 kHz according to the methods defines in ANSI C63.4-2003. The EUT was placed on a nonmetallic stand in the open-field site, 0.8 meter above the ground plane, as shown in section 3.2. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions.

Report No.: SEFD1009016

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency	Distance	Level	Level
(MHz)	(m)	(dBuV/m)	(dBuV/m)
30 - 88	3	40(QP)	N/A
88 - 216	3	43(QP)	N/A
216-960	3	46(QP)	N/A
960-1000	3	54(QP)	N/A
1000-18000	3	74(PK)	54(AV)

For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

Frequency (MHz)	Distance Meters	Radiated (dB µ V/ M)
30-230	10	30
230-1000	10	37

Cerpass Technology Corp. Issued Date : Sep 17, 2010

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 13 of 21

4.2. Test Procedures

- a. The EUT was placed on a Rota table top 0.8 meter above ground.
- b. The EUT and its simulators are placed on the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters or 1 meter.

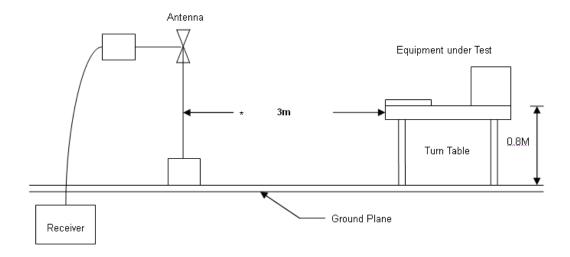
Report No.: SEFD1009016

: 14 of 21

- c. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
- d. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.
- e. Radiated emissions were invested over the frequency range from 30MHz to1GHz using a receiver bandwidth of 120KHz and the frequency range from 1GHz to 18GHz using a receiver bandwidth of 1MHz.

4.3. Typical test Setup

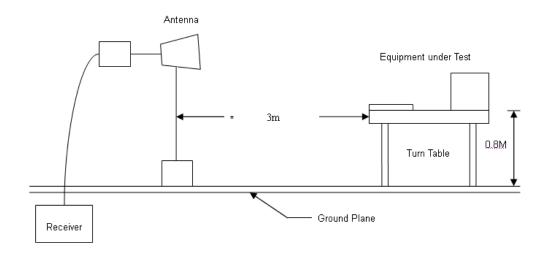
Below 1GHz Test Setup



Cerpass Technology Corp. Issued Date : Sep 17, 2010 Page No.

TEL: +86-512-6917-5888 FAX: +86-512-6917-5666

Above 1GHz Test Setup



Report No.: SEFD1009016

4.4. Measurement equipment

Instrument	Model No.	Manufacturer	Serial No.	Calibration Date
EMI Test Receiver	R&S	ESCI	100563	2010.06.23
H64 Amplifier	HP	8447F	3113A05582	2010.08.14
Preamplifier	Agilent	8449B	ED-HE-EMI-077	2010.02.10
Ultra Broadband Antenna	R&S	HL562	100363	2009.11.03
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2009.11.10
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

Cerpass Technology Corp. Issued Date : Sep 17, 2010

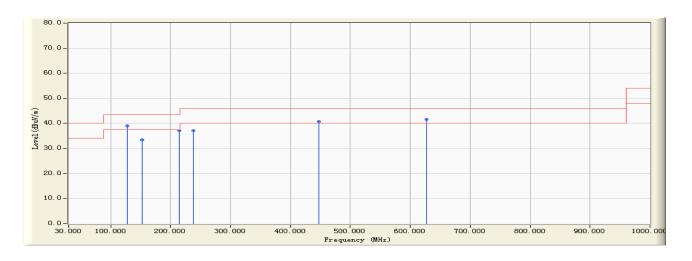
TEL: +86-512-6917-5888 FAX: +86-512-6917-5666 Page No. : 15 of 21

4.5. Test Result and Data

Under 1G

Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/09/15 - 08:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : LCD Monitor	Probe : (30-1000G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Full system (VGA mode
	1920*1080@60Hz) with ADAPTER 1#

Report No.: SEFD1009016



		Frequency	Correct	Reading	Measure	Margin	Limit	Detector Type	Ant Pos	Table Pos
		(MHz)	Factor (dB)	Level	Level	(dB)	(dBuV/m)		(cm)	(deg)
				(dBuV)	(dBuV/m)					
1		127.430	-11.214	50.200	38.985	-4.515	43.500	QUASIPEAK	200.000	214.300
2		152.740	-10.735	44.300	33.565	-9.935	43.500	QUASIPEAK	200.000	342.500
3		213.970	-9.452	46.500	37.048	-6.452	43.500	QUASIPEAK	174.800	25.600
4		238.270	-10.956	48.100	37.144	-8.856	46.000	QUASIPEAK	200.000	174.300
5		447.930	-2.823	43.500	40.677	-5.323	46.000	QUASIPEAK	200.000	325.900
6	*	627.080	1.115	40.400	41.514	-4.486	46.000	QUASIPEAK	197.200	143.800

Note:

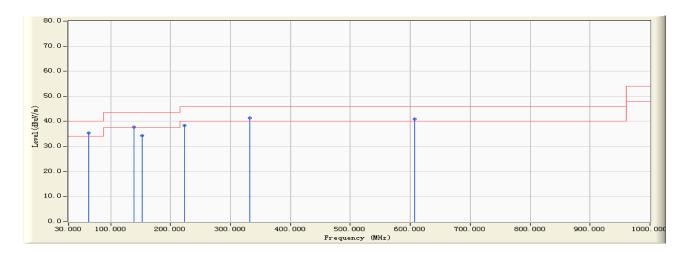
- 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
- 2. " * ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor

 Cerpass Technology Corp.
 Issued Date : Sep 17, 2010

 TEL: +86-512-6917-5888
 FAX: +86-512-6917-5666
 Page No. : 16 of 21



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/09/15 - 08:50
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : LCD Monitor	Probe : (30-1000G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Full system (VGA mode
	1920*1080@60Hz) with ADAPTER 1#



		Frequency	Correct	Reading	Measure	Margin	Limit	Detector Type	Ant Pos	Table Pos
		(MHz)	Factor (dB)	Level	Level	(dB)	(dBuV/m)		(cm)	(deg)
				(dBuV)	(dBuV/m)					
1		63.400	-15.540	50.900	35.360	-4.640	40.000	QUASIPEAK	100.000	87.200
2		138.500	-7.119	44.800	37.681	-5.819	43.500	QUASIPEAK	100.000	125.900
3		153.200	-7.463	41.700	34.237	-9.263	43.500	QUASIPEAK	100.000	289.400
4		223.800	-6.333	44.800	38.467	-7.533	46.000	QUASIPEAK	200.000	182.500
5	*	331.900	-5.136	46.500	41.364	-4.636	46.000	QUASIPEAK	100.000	75.200
6		607.100	-0.616	41.600	40.984	-5.016	46.000	QUASIPEAK	100.000	273.400

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
- 2. " * ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor

 Cerpass Technology Corp.
 Issued Date : Sep 17, 2010

 TEL: +86-512-6917-5888
 FAX: +86-512-6917-5666
 Page No. : 17 of 21

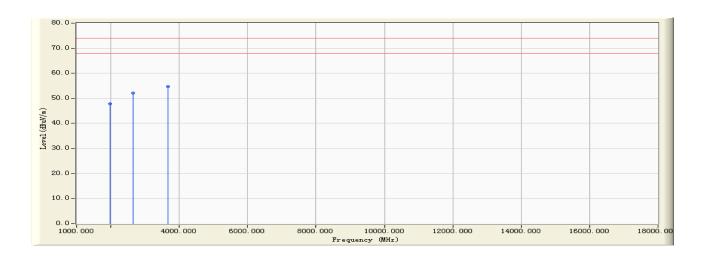


CERPASS TECHNOLOGY CORP.

Above 1G

Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/09/15 - 08:39
Limit : FCC_15_03M_PK	Margin : 6
EUT : LCD Monitor	Probe : (1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Full system (VGA mode
	1920*1080@60Hz) with ADAPTER 1#

Report No.: SEFD1009016



		Frequency	Correct	Reading	Measure	Margin	Limit	Detector	Ant Pos	Table Pos
		(MHz)	Factor (dB)	Level	Level	(dB)	(dBuV/m)	Туре	(cm)	(deg)
				(dBuV)	(dBuV/m)					
1		1985.930	-2.327	50.200	47.872	-26.128	74.000	PEAK	100.000	156.800
2		2657.340	0.893	51.200	52.092	-21.908	74.000	PEAK	138.500	233.600
3	*	3673.600	3.923	50.800	54.722	-19.278	74.000	PEAK	100.000	35.800

Note:

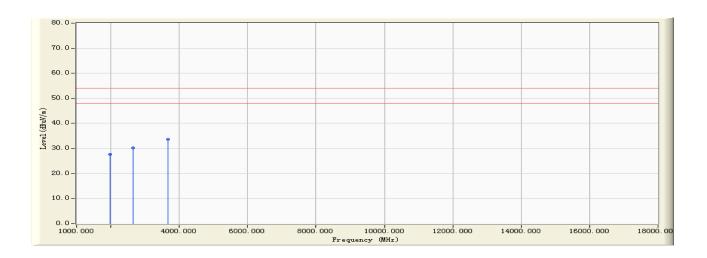
- 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
- 2. " * ", means this data is the worst emission level.

3. Measurement Level = Reading Level + Correct Factor

Cerpass Technology Corp. Issued Date : Sep 17, 2010 Page No. : 18 of 21



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/09/15 - 08:39
Limit : FCC_15_03M_AV	Margin : 6
EUT : LCD Monitor	Probe : (1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Full system (VGA mode
	1920*1080@60Hz) with ADAPTER 1#



		Frequency	Correct	Reading	Measure	Margin	Limit	Detector Type	Ant Pos	Table Pos
		(MHz)	Factor (dB)	Level	Level	(dB)	(dBuV/m)		(cm)	(deg)
				(dBuV)	(dBuV/m)					
1		1985.930	-2.327	30.000	27.672	-26.328	54.000	AVERAGE	100.000	156.800
2		2657.340	0.893	29.300	30.192	-23.808	54.000	AVERAGE	138.500	233.600
3	*	3673.600	3.923	29.700	33.622	-20.378	54.000	AVERAGE	100.000	35.800

Note:

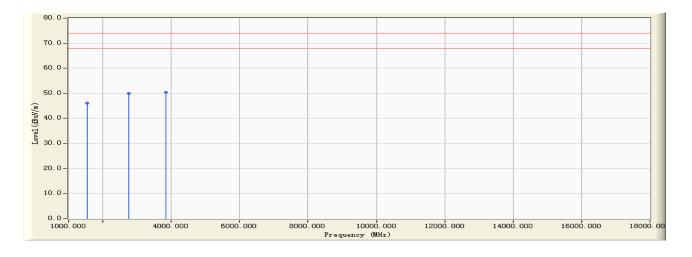
- 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
- 2. " * ", means this data is the worst emission level.

3. Measurement Level = Reading Level + Correct Factor

Cerpass Technology Corp. Issued Date : Sep 17, 2010 Page No. : 19 of 21



Engineer : Fred				
Site : EMC Lab AC 102	Time : 2010/09/15 - 08:41			
Limit : FCC_15_03M_PK	Margin: 6			
EUT : LCD Monitor	Probe : (1-18GHz) - HORIZONTAL			
Power : AC 120V/60Hz	Note : Mode 1: Full system (VGA mode			
	1920*1080@60Hz) with ADAPTER 1#			



		Frequency	Correct	Reading	Measure	Margin	Limit	Detector	Ant Pos	Table Pos
		(MHz)	Factor (dB)	Level	Level	(dB)	(dBuV/m)	Туре	(cm)	(deg)
				(dBuV)	(dBuV/m)					
1		1549.730	-4.101	50.200	46.099	-27.901	74.000	PEAK	300.000	21.700
2		2761.430	1.230	48.700	49.930	-24.070	74.000	PEAK	200.000	315.400
3	*	3843.520	4.512	45.900	50.412	-23.588	74.000	PEAK	200.000	357.100

Note:

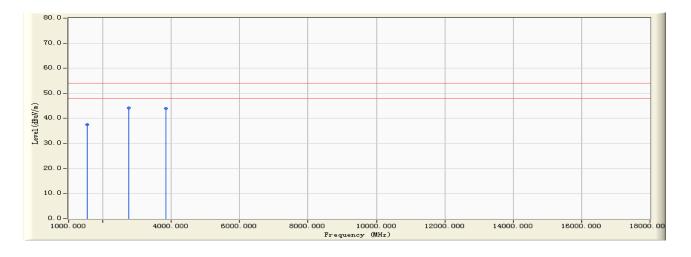
- 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
- 2. " * ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor

Cerpass Technology Corp. Issued Date : Sep 17, 2010 : 20 of 21

Page No.



Engineer : Fred				
Site : EMC Lab AC 102	Time : 2010/09/15 - 08:41			
Limit : FCC_15_03M_AV	Margin : 6			
EUT : LCD Monitor	Probe : (1-18GHz) - HORIZONTAL			
Power : AC 120V/60Hz	Note : Mode 1: Full system (VGA mode			
	1920*1080@60Hz) with ADAPTER 1#			



		Frequency	Correct	Reading	Measure	Margin	Limit	Detector Type	Ant Pos	Table Pos
		(MHz)	Factor (dB)	Level	Level	(dB)	(dBuV/m)		(cm)	(deg)
				(dBuV)	(dBuV/m)					
1		1549.730	-4.101	41.700	37.599	-16.401	54.000	AVERAGE	300.000	21.700
2	*	2761.430	1.230	42.900	44.130	-9.870	54.000	AVERAGE	200.000	315.400
3		3843.520	4.512	39.500	44.012	-9.988	54.000	AVERAGE	200.000	357.100

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
- 2. " * ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor

Test engineer: Fred Grub

 Cerpass Technology Corp.
 Issued Date : Sep 17, 2010

 TEL: +86-512-6917-5888 FAX: +86-512-6917-5666
 Page No. : 21 of 21