FCC TEST REPORT

For

19" LCD TV

MODEL No.: LCD190F1, LCD190F2, LCD190F3, LCD190F5, SC-191, LCD190B1, LCD190B2, LCD190B3, LCD190B5

Trademark: HuiDi, SUPERSONIC, HCT

FCC ID: XHJHUIDI999

REPORT NO: KA09076003E

ISSUE DATE: July 13, 2009

Prepared for

GUANGZHOU HD ELECTRONICS TECHNOLOGY CO., LTD
No. 1, Jiaochanggang, Shiji Town, Panyu District,
Guangzhou, China

Prepared by

DONGGUAN EMTEK CO., LTD

No. 281, Guantai Road, Nancheng District,
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TEST REPOTR DESCRIPTION

Applicant	:	GUANGZHOU HD ELECTRONICS TECHNOLOGY CO., LTD
Manufacturer	:	GUANGZHOU HD ELECTRONICS TECHNOLOGY CO., LTD
EUT	:	19" LCD TV
FCC ID No.	:	XHJHUIDI999
Test Voltage	:	120V/60Hz
File Number	:	KA09076003E
Date of Test	:	July 03, 2009 to July 13, 2009

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B July 2008 & FCC / ANSI C63.4-2003

The device described above is tested by Dongguan EMTEK Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Dongguan EMTEK Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Dongguan EMTEK Co., Ltd.

Approved By

Nicol Lee / Q.A. Manager
DONGGUAN EMTEK CO., LTD.

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	: 19" LCD TV
Model Number	: LCD190F1,LCD190F2,LCD190F3,LCD190F5, SC-191, LCD190B1, LCD190B2, LCD190B3, LCD190B5. (Note: Those models are the same except appearance, we prepare LCD190B1 for EMC test, all models use the same FCC ID Number.)
FCC ID Number	: XHJHUIDU999
Trade Mark	: HuiDi, SUPERSONIC, HCT
Power Supply	: 100~240V 50/60Hz
ADAPTER	: M/N: GP009CX Input: AC 100~240V 50/60Hz Output: DC 12V 5A Output line: Unshielded line
Applicant	: GUANGZHOU HD ELECTRONICS TECHNOLOGY CO., LTD
Address	: No.1, Jiaochanggang, Shiji Town, Panyu District, Guangzhou, China
Manufacturer	: GUANGZHOU HD ELECTRONICS TECHNOLOGY CO., LTD
Address	: No.1, Jiaochanggang, Shiji Town, Panyu District, Guangzhou, China
Date of sample receiver	: July 03, 2009
Date of Test	: July 03, 2009 to July 13, 2009

1.2. Description of Support Device

PC	:	Manufacturer: Dell Inc. M/N: DCSM S/N: CXBMMZX FCC ID: DoC
USB Mouse	:	Manufacturer: Dell Inc. M/N: M-UAK DEL7 P/N: XN966 FCC ID: DoC
USB Keyboard	:	Manufacturer: Dell Inc. M/N: L30U S/N:D1C FCC ID: DoC
Printer	:	Manufacturer: HP M/N:HP LaserJet 1020 S/N: CNCK512065 P/N: Q5911A FCC ID: DoC

Cables

VGA Cable	:	Shielded, Detachabled, 1.7m (With two cores)

1.3 Test Facility

Site Description

EMC Lab. **:** Accredited by CNAS, 2007.07.27
The certificate is valid until 2012.07.26
The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2005
The Certificate Registration Number is L3150

Accredited by TUV Rheinland Shenzhen 2008.5
The certificate is valid until 2009.12
The Laboratory has been assessed according to the requirements ISO/IEC 17025

Accredited by FCC, Nov. 05, 2008
The Certificate Number is 247565.

Accredited by Industry Canada, May 24, 2008
The Certificate Registration Number. is 46405-4480

Name of Firm **:** Dongguan EMTEK Co., Ltd.

Site Location **:** No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China.

1.4 Measurement Uncertainty

Conducted Emission Uncertainty **:** Ur = 3.3

Radiated Emission Uncertainty **:** Uc = 2.8

Disturbance Power Uncertainty **:** Uc = 2.6

2. POWER LINE CONDUCTED MEASUREMENT

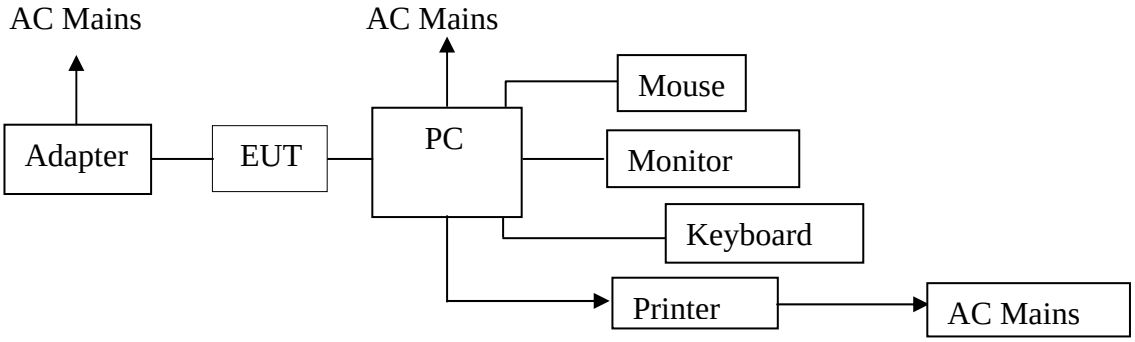
2.1. Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	EMI Test Receiver	ROHDE&SCHWARZ	ESCS30	828985/018	May 29, 2009	1 Year
2	LISN	ROHDE&SCHWARZ	ENV216	100017	May 29, 2009	1Year
3	Conical Housing	EMTEK	N/A	N/A	May 29, 2009	N/A
4	Voltage Probe	SCHWARZBECK	EZ-17	100213	May 29, 2008	1Year
5	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6100175589	May 29, 2009	1Year

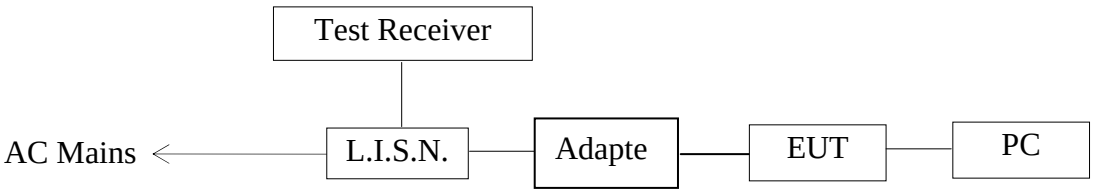
2.2. Block Diagram of Test Setup

2.2.1 Block diagram of connection between the EUT and simulators



(EUT: 19” LCD TV)

2.2.2 Block diagram of test setup



(EUT: 19” LCD TV)

2.3. Power Line Conducted Emission Measurement Limits

Conducted Emission Limits is as following.

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

EUT	:	19” LCD TV
Model Number	:	LCD190B1
Manufacturer	:	GUANGZHOU HD ELECTRONICS TECHNOLOGY CO., LTD

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown as Section 2.2.

2.5.2. Turn on the power of all equipment.

2.5.3. Let the EUT work in test model (Running “H” Pattern 800*600/60Hz, Running “H” Pattern 1280*768/60Hz, Running “H” Pattern 1440*900/60Hz) and measure it.

2.6. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R&S ESCS30) is set at 9KHz.
The frequency range from 150KHz to 30MHz is checked.

2.7.Power Line Conducted Emission Measurement Results

PASS

The frequency range from 150KHz to 30 MHz is investigated.

The scanning waveforms refer to the following pages:

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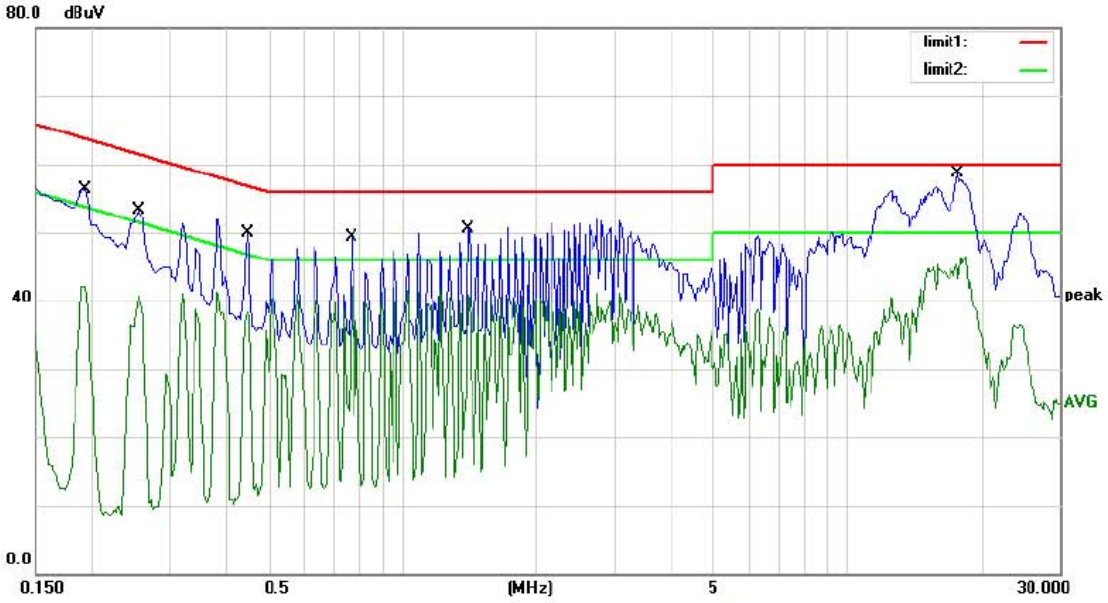
Conducted Emission Measurement

File :LCD190B1 Data :#1 Date: 09/07/10/ Time: 9/16/47



Site site #1 Phase: *L1* Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: 19" LCD TV
M/N: LCD190B1
Mode: Running "H" Pattern
Note: 800*600/60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1950	56.36	0.00	56.36	63.82	-7.46	QP	
2		0.1950	42.18	0.00	42.18	53.82	-11.64	AVG	
3		0.2550	53.27	0.00	53.27	61.59	-8.32	QP	
4		0.2550	40.65	0.00	40.65	51.59	-10.94	AVG	
5		0.4500	49.94	0.00	49.94	56.88	-6.94	QP	
6		0.4500	38.27	0.00	38.27	46.88	-8.61	AVG	
7		0.7700	49.23	0.00	49.23	56.00	-6.77	QP	
8		0.7700	42.14	0.00	42.14	46.00	-3.86	AVG	
9		1.4100	50.60	0.00	50.60	56.00	-5.40	QP	
10		1.4100	40.99	0.00	40.99	46.00	-5.01	AVG	
11	*	17.7750	56.77	0.00	56.77	60.00	-3.23	QP	
12		17.7750	46.58	0.00	46.58	50.00	-3.42	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

File :LCD190B1\Data :#1 *Page: 1*

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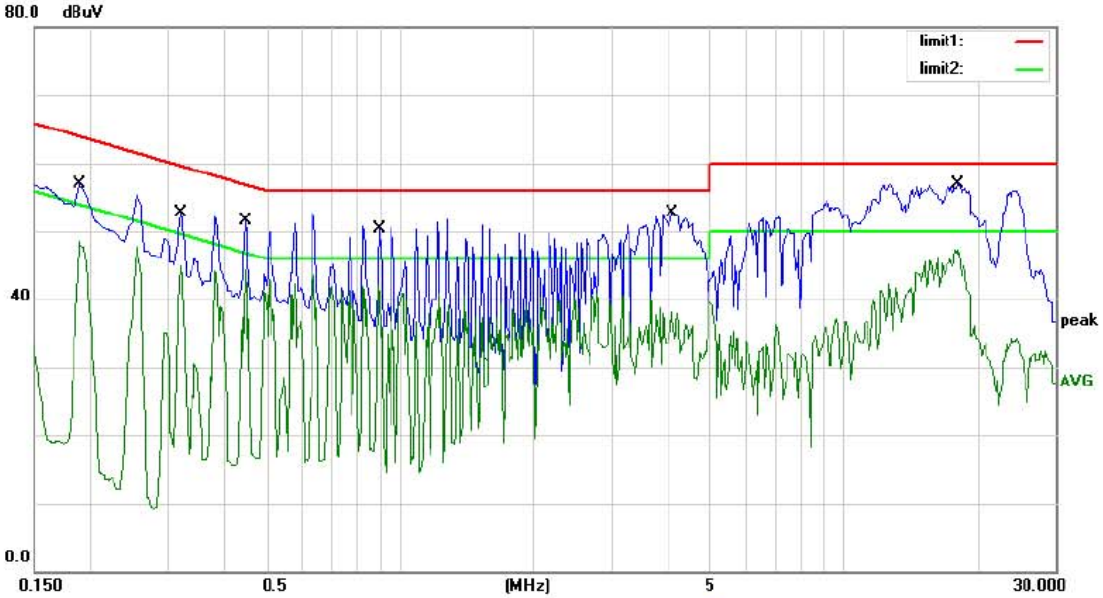
File :LCD190B1 Data :#2 Date: 09/07/10/ Time: 9/22/05



Site site #1 Phase: N Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: 19" LCD TV
M/N: LCD190B1
Mode: Running "H" Pattern
Note: 800*600/60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1900	56.85	0.00	56.85	64.04	-7.19	QP	
2		0.1900	48.46	0.00	48.46	54.04	-5.58	AVG	
3		0.3200	52.74	0.00	52.74	59.71	-6.97	QP	
4		0.3200	44.86	0.00	44.86	49.71	-4.85	AVG	
5		0.4500	52.78	0.00	52.78	56.88	-4.10	QP	
6		0.4500	43.25	0.00	43.25	46.88	-3.63	AVG	
7		0.8900	51.63	0.00	51.63	56.00	-4.37	QP	
8		0.8900	42.07	0.00	42.07	46.00	-3.93	AVG	
9		4.1000	52.73	0.00	52.73	56.00	-3.27	QP	
10		4.1000	40.07	0.00	40.07	46.00	-5.93	AVG	
11	*	18.2000	56.99	0.00	56.99	60.00	-3.01	QP	
12		18.2000	46.40	0.00	46.40	50.00	-3.60	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

File :LCD190B1\Data :#2 *Page: 1*

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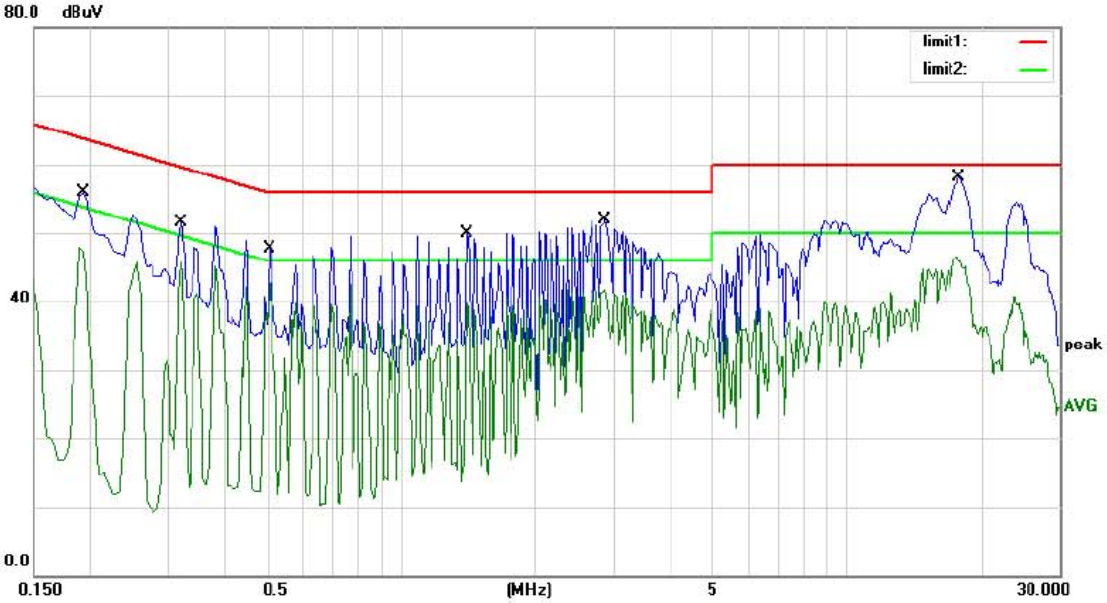
File :LCD190B1 Data :#4 Date: 09/07/10/ Time: 9/34/58



Site site #1 Phase: *L1* Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: 19" LCD TV
M/N: LCD190B1
Mode: Running "H" Pattern
Note: 1280*768/60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1950	55.87	0.00	55.87	63.82	-7.95	QP	
2		0.1950	47.85	0.00	47.85	53.82	-5.97	AVG	
3		0.3200	50.95	0.00	50.95	59.71	-8.76	QP	
4		0.3200	45.62	0.00	45.62	49.71	-4.09	AVG	
5		0.5100	47.77	0.00	47.77	56.00	-8.23	QP	
6	*	0.5100	42.78	0.00	42.78	46.00	-3.22	AVG	
7		1.4100	49.89	0.00	49.89	56.00	-6.11	QP	
8		1.4100	39.66	0.00	39.66	46.00	-6.34	AVG	
9		2.8800	51.83	0.00	51.83	56.00	-4.17	QP	
10		2.8800	41.76	0.00	41.76	46.00	-4.24	AVG	
11		17.9250	56.16	0.00	56.16	60.00	-3.84	QP	
12		17.9250	46.53	0.00	46.53	50.00	-3.47	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

File :LCD190B1\Data :#4 *Page: 1*

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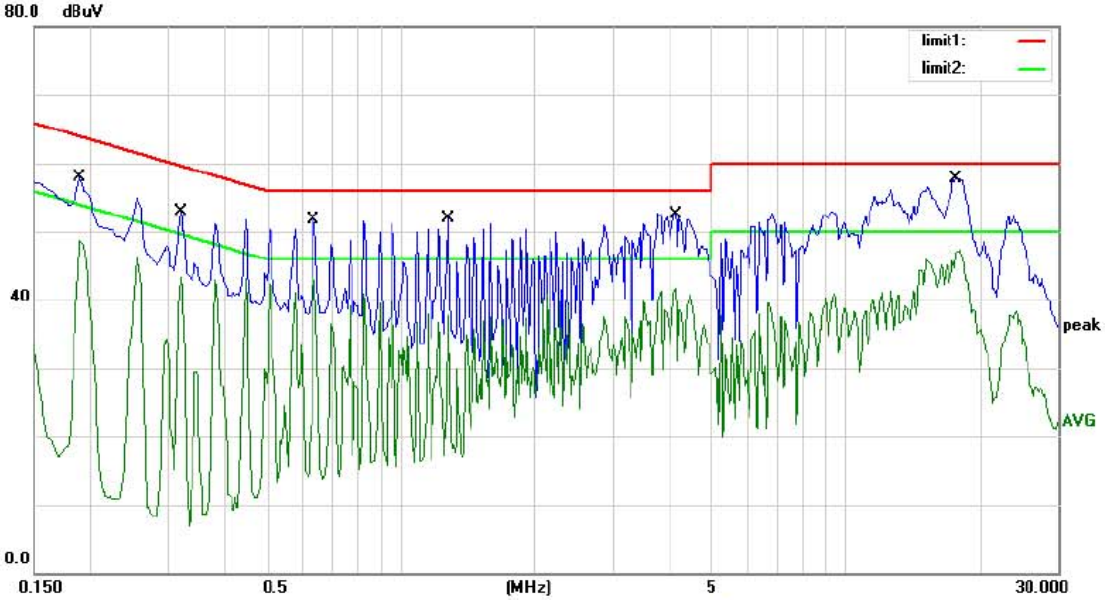
File :LCD190B1 Data :#3 Date: 09/07/10/ Time: 9/31/38



Site site #1 Phase: N Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: 19" LCD TV
M/N: LCD190B1
Mode: Running "H" Pattern
Note: 1280*768/60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1900	58.00	0.00	58.00	64.04	-6.04	QP	
2		0.1900	48.66	0.00	48.66	54.04	-5.38	AVG	
3		0.3200	52.82	0.00	52.82	59.71	-6.89	QP	
4		0.3200	43.28	0.00	43.28	49.71	-6.43	AVG	
5		0.6400	51.68	0.00	51.68	56.00	-4.32	QP	
6		0.6400	42.44	0.00	42.44	46.00	-3.56	AVG	
7		1.2800	51.86	0.00	51.86	56.00	-4.14	QP	
8		1.2800	37.65	0.00	37.65	46.00	-8.35	AVG	
9		4.1600	52.69	0.00	52.69	56.00	-3.31	QP	
10		4.1600	41.74	0.00	41.74	46.00	-4.26	AVG	
11	*	17.6750	56.79	0.00	56.79	60.00	-3.21	QP	
12		17.6750	46.22	0.00	46.22	50.00	-3.78	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

File :LCD190B1\Data :#3 *Page: 1*

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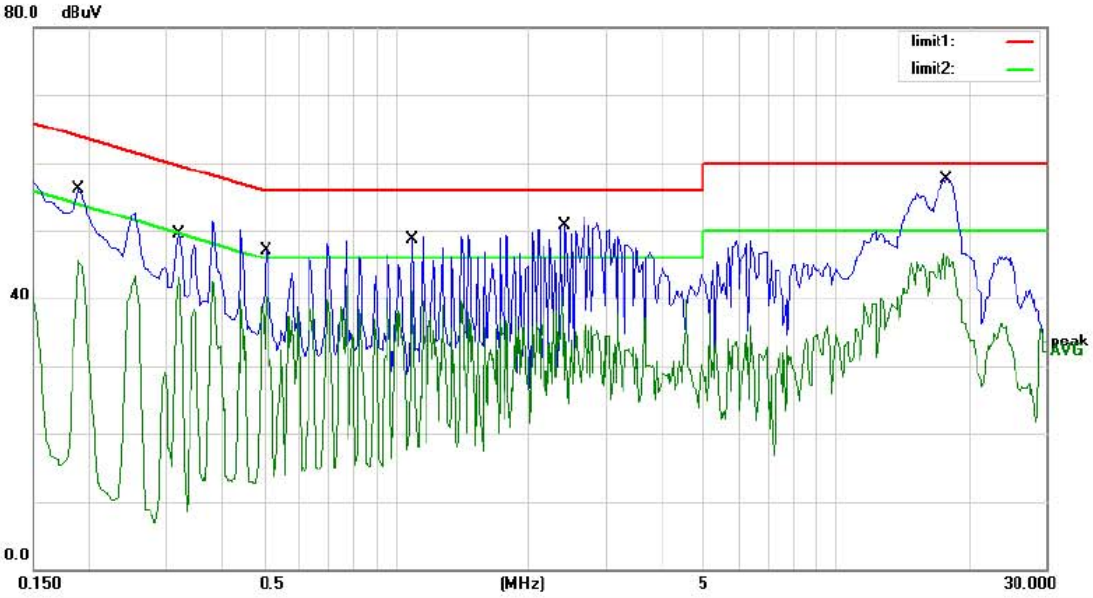
File :LCD190B1 Data :#5 Date: 09/07/10/ Time: 9/40/31



Site site #1 Phase: *L1* Temperature: 25

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %

EUT: 19" LCD TV

M/N: LCD190B1

Mode: Running "H" Pattern

Note: 1440*900/60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1900	56.16	0.00	56.16	64.04	-7.88	QP	
2		0.1900	45.43	0.00	45.43	54.04	-8.61	AVG	
3		0.3200	51.31	0.00	51.31	59.71	-8.40	QP	
4		0.3200	43.12	0.00	43.12	49.71	-6.59	AVG	
5		0.5100	47.14	0.00	47.14	56.00	-8.86	QP	
6		0.5100	40.34	0.00	40.34	46.00	-5.66	AVG	
7		1.0900	48.73	0.00	48.73	56.00	-7.27	QP	
8		1.0900	41.15	0.00	41.15	46.00	-4.85	AVG	
9		2.3900	51.83	0.00	51.83	56.00	-4.17	QP	
10		2.3900	42.31	0.00	42.31	46.00	-3.69	AVG	
11	*	17.9250	56.53	0.00	56.53	60.00	-3.47	QP	
12		17.9250	46.19	0.00	46.19	50.00	-3.81	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

File :LCD190B1\Data :#5 *Page: 1*

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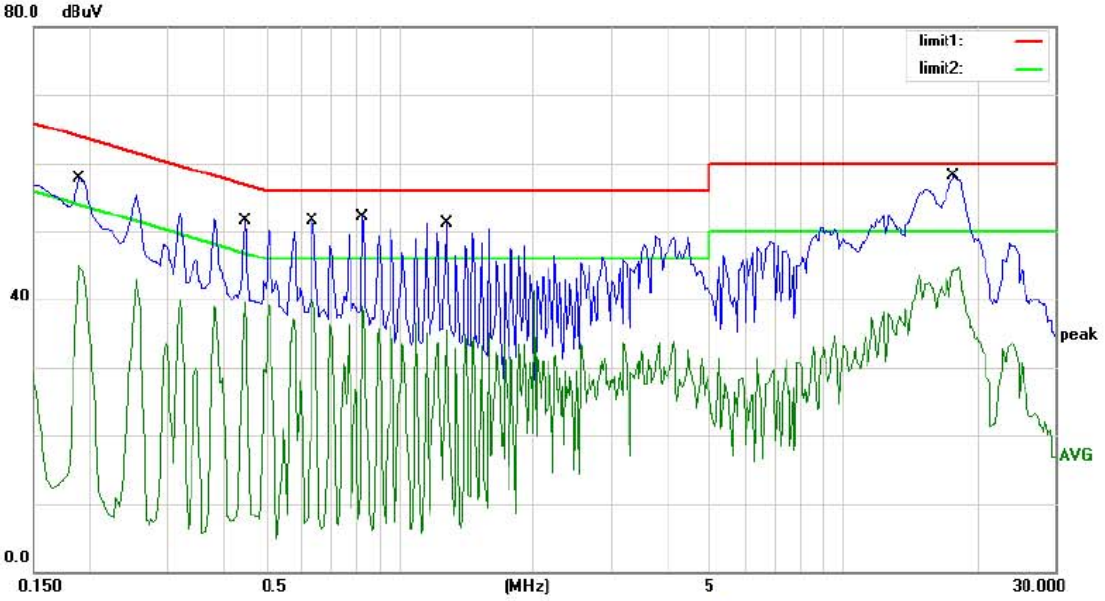
File :LCD190B1 Data :#6 Date: 09/07/10/ Time: 9/43/13



Site site #1 Phase: *N* Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: 19" LCD TV
M/N: LCD190B1
Mode: Running "H" Pattern
Note: 1440*900/60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1900	57.66	0.00	57.66	64.04	-6.38	QP	
2		0.1900	44.86	0.00	44.86	54.04	-9.18	AVG	
3		0.4500	51.49	0.00	51.49	56.88	-5.39	QP	
4		0.4500	39.51	0.00	39.51	46.88	-7.37	AVG	
5	*	0.6400	52.06	0.00	52.06	56.00	-3.94	QP	
6		0.6400	40.01	0.00	40.01	46.00	-5.99	AVG	
7		0.8300	52.06	0.00	52.06	56.00	-3.94	QP	
8		0.8300	38.85	0.00	38.85	46.00	-7.15	AVG	
9		1.2800	51.11	0.00	51.11	56.00	-4.89	QP	
10		1.2800	35.58	0.00	35.58	46.00	-10.42	AVG	
11		17.8000	56.02	0.00	56.02	60.00	-3.98	QP	
12		17.8000	44.27	0.00	44.27	50.00	-5.73	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

File :LCD190B1\Data :#6 *Page: 1*

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

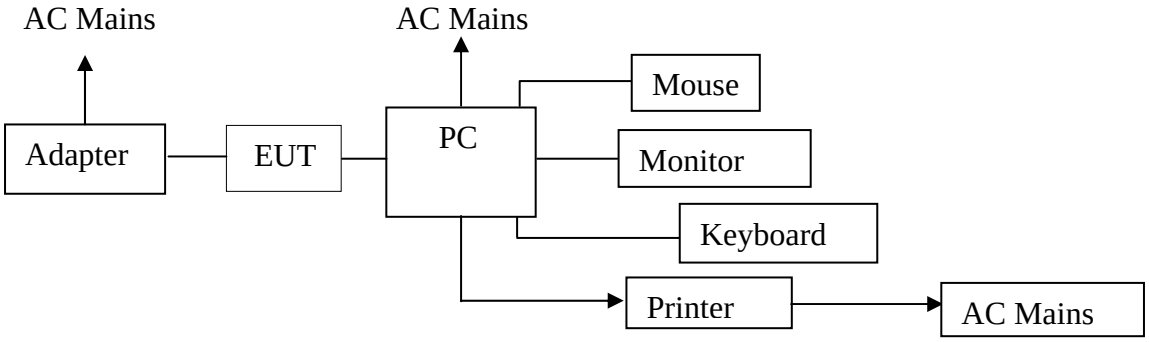
The following test equipments are used during the radiated emission measurement:

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Rohde & Schwarz	ESCI	100137	May 20, 2009	1 Year
2.	Test Receiver	Rohde & Schwarz	ESCI	100137	May 20, 2009	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	143	May 20, 2009	1 Year
4.	Power Amplifier	HP	8447F	OPT H64	May 20, 2009	1 Year
5.	Positioning Controller	C&C LAB	CC-C-IF	N/A	May 20, 2009	1 Year
6.	Color Monitor	SUNSPO	SP-140A	N/A	May 20, 2009	1 Year
7.	Single Line Filter	JIANLI	XL-3	N/A	May 20, 2009	1 Year
8.	Single Phase Power Line Filter	JIANLI	DL-2X100B	N/A	May 20, 2009	1 Year
9.	3 Phase Power Line Filter	JIANLI	DL-4X100B	N/A	May 20, 2009	1 Year
10.	DC Power Filter	JIANLI	DL-2X50B	N/A	May 20, 2009	1 Year
11.	Cable	Schwarzbeck	PLF-100	N/A	May 20, 2009	1 Year
12.	Cable	Rosenberger	CIL02	A0783566	May 20, 2009	1 Year
13.	Cable	Rosenberger	AK9513	AC RX1	May 20, 2009	1 Year

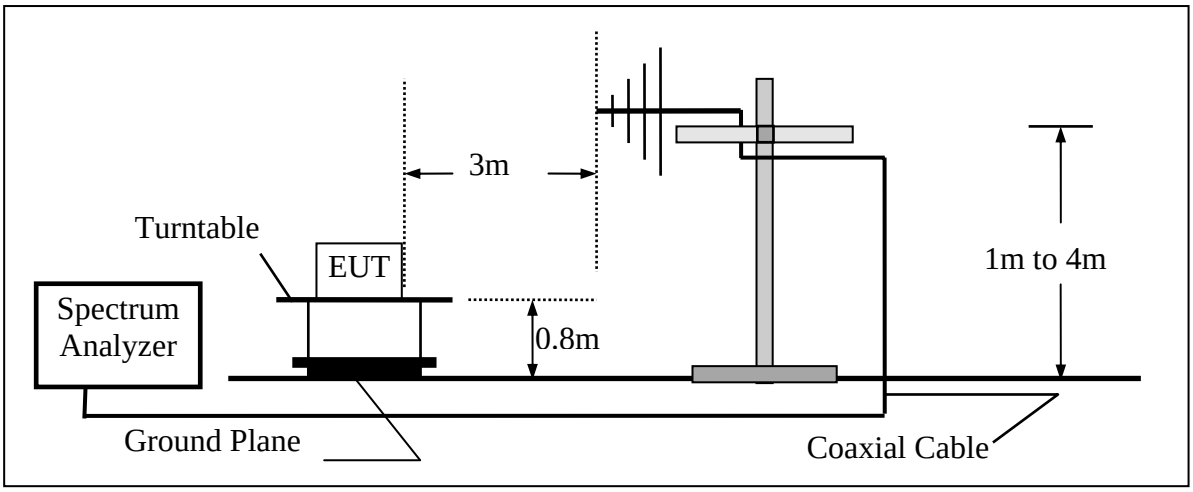
3.2.Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and simulators



(EUT: 19" LCD TV)

3.2.2. Anechoic Chamber Test Setup Diagram



(EUT: 19" LCD TV)

3.3.Radiated Emission Limit

Radiated Emission Limits is as following.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT dB(μV)/m
30 ~ 88	3	40.0
88 ~ 216	3	43.5
216 ~ 960	3	46.0
960 ~ 1000	3	54.0
＞1000	3	74.0 dB(μV)/m (peak) 54.0 dB(μV)/m (Average)

Remark： (1) Emission level (dB)μV = 20 log Emission level μV/m

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.4. EUT Configuration on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

19" LCD TV (EUT)

Model Number : LCD190B1

3.5. Operating Condition of EUT

3.5.1 Setup the EUT as shown in Section 3.2.

3.5.2 Turn on the power of all equipment.

3.5.3 Let the EUT work in test mode (Running "H" Pattern 800*600/60Hz, Running "H" Pattern 1280*768/60Hz, Running "H" Pattern 1440*900/60Hz) and measure it.

3.6. Test Procedure

EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2003 on radiated emission measurement.
The bandwidth of the EMI test receiver (R&S ESCI) is set at 120KHz/1MHz.

The frequency range from 30MHz to 2000MHz is checked.

3.7. Radiated Emission Noise Measurement Results

PASS.

Test data refer to following pages.

- **Test data : July 10, 2009**
- **Resolution Bandwidth : 120KHz**
- **Frequency Range : 30MHz~1000MHz**
- **Measurement Distance : 3m**
- **Operating Condition : Running "H" Pattern 800*600/60Hz**

Frequency (MHz)	Measurement (Level)			Limit dB(μV)/m	Margin dB	Polarization (H/V)
	Reading dB(μV)	Correct Factor	Test Result dB(μV)/m			
320.0300	53.09	-10.57	42.52	46.00	-3.48	V
426.7300	51.25	-8.37	42.88	46.00	-3.12	V
586.7800	48.86	-5.92	42.94	46.00	-3.06	V
640.1300	47.72	-5.04	42.68	46.00	-3.32	V
693.4800	47.60	-4.75	42.85	46.00	-3.15	V
733.2500	46.18	-3.76	42.42	46.00	-3.58	V
320.0300	52.88	-10.57	42.31	46.00	-3.69	H
426.7300	50.90	-8.37	42.53	46.00	-3.47	H
480.0800	48.02	-7.60	40.42	46.00	-5.58	H
586.7800	48.73	-5.92	42.81	46.00	-3.19	H
733.2500	46.64	-3.79	42.88	46.00	-3.12	H
800.1800	45.54	-3.33	42.21	46.00	-3.79	H

- **Test data : July 10, 2009**
- **Resolution Bandwidth : 120KHz**
- **Frequency Range : 30MHz~1000MHz**
- **Measurement Distance : 3m**
- **Operating Condition : Running “H” Pattern 1280*768/60Hz**

Frequency (MHz)	Measurement (Level)			Limit dB(μV)/m	Margin dB	Polarization (H/V)
	Reading dB(μV)	Correct Factor	Test Result dB(μV)/m			
320.0300	53.46	-10.57	42.89	46.00	-3.11	H
384.0500	51.91	-9.35	42.56	46.00	-3.44	H
479.1100	50.44	-7.62	42.82	46.00	-3.18	H
583.8700	48.52	-6.02	42.50	46.00	-3.50	H
639.1600	47.88	-5.05	42.83	46.00	-3.17	H
800.1800	45.68	-3.33	42.35	46.00	-3.65	H
133.1510	59.55	-20.52	39.03	43.50	-4.47	V
366.8231	51.75	-9.56	42.19	46.00	-3.81	V
426.5210	51.01	-8.37	42.64	46.00	-3.36	V
480.5276	50.31	-7.59	42.72	46.00	-3.28	V
533.8320	49.10	-6.90	42.20	46.00	-3.80	V
547.0976	48.41	-6.89	41.52	46.00	-4.48	V

- **Test data : July 10, 2009**
- **Resolution Bandwidth : 120KHz**
- **Frequency Range : 30MHz~1000MHz**
- **Measurement Distance : 3m**
- **Operating Condition : Running "H" Pattern 1440*900/60Hz**

Frequency (MHz)	Measurement (Level)			Limit dB(μV)/m	Margin dB	Polarization (H/V)
	Reading dB(μV)	Correct Factor	Test Result dB(μV)/m			
320.0300	49.77	-10.57	39.20	46.00	-6.80	H
365.6200	49.82	-9.57	40.25	46.00	-5.75	H
426.7300	50.23	-8.37	41.86	46.00	-4.14	H
479.1100	50.23	-7.62	42.61	46.00	-3.39	H
505.3000	48.16	-7.07	41.09	46.00	-4.91	H
532.4600	49.88	-6.92	42.96	46.00	-3.04	H
132.8200	58.92	-20.50	38.42	43.50	-5.08	V
365.6200	50.72	-9.57	41.15	46.00	-4.85	V
424.7900	51.16	-8.39	42.77	46.00	-3.23	V
479.1100	50.55	-7.62	42.93	46.00	-3.07	V
532.4600	49.90	-6.92	42.98	46.00	-3.02	V
639.1600	47.70	-5.05	42.65	46.00	-3.35	V

- **Test data : July 10, 2009**
- **Resolution Bandwidth : 1MHz**
- **Frequency Range : 1000MHz~2000MHz**
- **Measurement Distance : 3m**
- **Operating Condition : Running “H” Pattern 800*600/60Hz**

Frequency (MHz)	Measurement (Level)			Limit dB(μV)/m (Peak)	Margin dB (Peak)	Polarization (H/V)
	Reading dB(μV)	Correct Factor	Test Result dB(μV)/m			
1080.000	31.50	4.06	35.56	74.00	-38.44	V
1147.000	29.97	4.19	34.16	74.00	-39.84	V
1214.000	25.40	4.33	29.73	74.00	-44.27	V
1350.000	33.53	4.60	38.13	74.00	-35.87	V
1755.000	32.78	5.41	38.19	74.00	-35.81	V
1012.000	33.24	3.92	37.16	74.00	-36.84	H
1147.000	31.88	4.19	36.07	74.00	-37.93	H
1215.000	35.50	4.33	39.83	74.00	-34.17	H
1350.000	34.97	4.60	39.57	74.00	-34.43	H
1844.000	32.19	5.59	37.78	74.00	-36.22	H
All the PK emissions were comply with average limit, So the average level were deemed to comply with average limit						

- **Test data : July 10, 2009**
- **Resolution Bandwidth : 1MHz**
- **Frequency Range : 1000MHz~2000MHz**
- **Measurement Distance : 3m**
- **Operating Condition : Running "H" Pattern 1280*768/60Hz**

Frequency (MHz)	Measurement (Level)			Limit dB(μV)/m (Peak)	Margin dB (Peak)	Polarization (H/V)
	Reading dB(μV)	Correct Factor	Test Result dB(μV)/m			
1080.000	34.64	4.06	38.70	74.00	-35.30	V
1147.000	33.85	4.19	38.04	74.00	-35.96	V
1215.000	35.54	4.33	39.87	74.00	-34.13	V
1350.000	32.11	4.60	36.71	74.00	-37.29	V
1485.000	31.90	4.87	36.77	74.00	-37.23	V
1755.000	32.78	5.41	38.19	74.00	-35.81	V
1080.000	36.34	4.06	40.40	74.00	-33.60	H
1215.000	37.36	4.33	41.69	74.00	-32.31	H
1485.000	30.44	4.87	35.31	74.00	-38.69	H
1575.000	30.03	5.05	35.08	74.00	-38.92	H
1688.000	35.81	5.28	41.09	74.00	-32.91	H
All the PK emissions were comply with average limit, So the average level were deemed to comply with average limit						

- **Test data : July 10, 2009**
- **Resolution Bandwidth : 1MHz**
- **Frequency Range : 1000MHz~2000MHz**
- **Measurement Distance : 3m**
- **Operating Condition : Running "H" Pattern 1440*900/60Hz**

Frequency (MHz)	Measurement (Level)			Limit dB(μV)/m (Peak)	Margin dB (Peak)	Polarization (H/V)
	Reading dB(μV)	Correct Factor	Test Result dB(μV)/m			
1080.000	37.34	4.06	41.40	74.00	-33.60	V
1215.000	38.36	4.33	42.69	74.00	-31.31	V
1283.000	35.64	4.47	40.11	74.00	-33.89	V
1400.000	33.12	4.70	37.82	74.00	-36.18	V
1688.000	34.79	5.28	40.07	74.00	-33.93	V
1080.000	35.12	4.06	39.18	74.00	-34.82	H
1147.000	36.81	4.19	41.00	74.00	-33.00	H
1215.000	39.46	4.33	43.79	74.00	-30.21	H
1485.000	34.44	4.87	39.31	74.00	-34.69	H
1575.000	36.05	5.05	41.10	74.00	-32.90	H
1688.000	30.73	5.28	36.01	74.00	-37.99	H
All the PK emissions were comply with average limit, So the average level were deemed to comply with average limit						