# Application for FCC Certificate

### On Behalf of

# TTE Technology, Inc.

## LCD TV

## FCC ID:W8U65R8

Prepared for : TTE Technology, Inc.

Address : 2455 Anselmo Drive, Suite 101, Corona, California

92879, United States

Prepared by : EST Technology Co., Ltd.

Address : Chilingxiang, Qishantou, Santun, Houjie, Dongguan,

Guangdong, China

Tel: 86-769-83081888 Fax: 86-769-83081878

Report No. : ESTE-R1607035 Date of Report : July 21, 2016

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**EST Technology Co., Ltd.** 

Applicant: Address: Address: Address: Address: Address: Address:  Manufacturer Address:  TCL King Electrical Appliances(Huizhou) Co., Ltd. Section 19, Zhong Kai New and High-tech Industries Development Zone, Huizhou, Guangdong, P. R.China Factory 1: Address: TCL King Electrical Appliances(Huizhou) Co., Ltd. Address: Coungdong, P. R.China Factory 1: Address: TCL King Electrical Appliances(Huizhou) Co., Ltd. Address: Coungdong, P. R.China Factory 1: Address: CUD TV  Model Number:  65R8  Power Supply: AC 120V/60Hz  Trade Name: HITACHI Serial No: Date of Receipt: June 21, 2016 Date of Test: July 01-20, 2016  Test Specification: FCC Rules and Regulations Part 15 Subpart B:2015 ANSI C63.4:2014  The device described above is tested by EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. This report applies to above tested sample only and shall not be reported by:  Prepared by: Tested by: Approved July 21, 24 fg  July 21, 24 fg  Amy / Assistant Bible / Engineer  Tested by: Approved July 21, 24 fg  July		<u> </u>	nology co	i, Etai			
Address: Section 19, ZhongKai New and High-tech Industries Development Zone, Huizhou, Guangdong, P. R. China  Factory 1: TCL King Electrical Appliances(Huizhou) Co.,Ltd. Section 19, ZhongKai New and High-tech Industries Development Zone, Huizhou, Guangdong, P. R. China  E.U.T: LCD TV  Model Number: 65R8  Power Supply: AC 120V/60Hz  Test Voltage: AC 120V/60Hz  Trade Name: HITACHI Serial No.:  Date of Receipt: June 21, 2016 Date of Test: July 01-20, 2016  Test Specification: FCC Rules and Regulations Part 15 Subpart B:2015 ANSI C63.4:2014  The device described above is tested by EST Technology Co., Ltd The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart B requirements. This report applies to above tested sample only and shall not be foreford a suithout written approval of EST Technology Co., Ltd.  Issue Date: July 21, 2016  Prepared by: Tested by: Approved the Approved Completeness of these measurements. Bible / Engineer Iceman Hu / Manager  Other Aspects: None.		2455 Anselmo Drive, Su	ite 101 , Corona ,	California 92879, United			
Address:  Section 19, Zhong Kai New and High-tech Industries Development Zone, Huizhou, Guangdong, P. R.China  E.U.T:  LCD TV  Model Number: 65R8  Power Supply: AC 120V/60Hz  Trade Name: HITACHI Serial No.: Date of Receipt: June 21, 2016 Date of Test: July 01-20, 2016  Test Specification: FCC Rules and Regulations Part 15 Subpart B:2015 ANSI C63.4:2014  The device described above is tested by EST Technology Co., Ltd., The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart B requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd.  Issue Date: July 21, 2016  Prepared by: Tested by: Approved Manager  Other Aspects: None.		Section19, ZhongKai New a					
Model Number: 65R8  Power Supply: AC 120V/60Hz  Test Voltage: AC 120V/60Hz  Trade Name: HITACHI Serial No.:  Date of Receipt: June 21, 2016 Date of Test: July 01-20, 2016  FCC Rules and Regulations Part 15 Subpart B:2015  ANSI C63.4:2014  The device described above is tested by EST Technology Co., Ltd The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart B requirements. This report applies to above tested sample only and shall not be reported without written approval of EST Technology Co., Ltd.  Issue Date: July 21, 2016  Amy / Assistant  Bible / Engineer  Iceman Hu / Manager  Other Aspects: None.		Section19, ZhongKai New a					
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Test Result:  The device described above is tested by EST Technology Co., Ltd  The measurement results were contained in this test report and EST Technology Co.,  Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart B requirements.  This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd.  Issue Date: July 21, 2016  Prepared by:  Approved by:  Amy / Assistant  Bible / Engineer  Iceman Hu / Manager  Other Aspects:  None.	Date of Receipt:	June 21, 2016	Date of Test:	July 01-20, 2016			
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Amy / Assistant Bible / Engineer Iceman Hu / Manager  Other Aspects: None.	Test Result:	The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart B requirements.  This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd.					
Amy / Assistant Bible / Engineer Iceman Hu / Manager  Other Aspects: None.	Prepared by:	Tested by	<i>7</i> :	Approved by:			
Other Aspects: None.	M	Bib	re	Turk			
None.	Amy / Assistant	Bible / Engi	neer	Iceman Hu / Manager			
Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested	-						
	Abbreviations: OK/P=passe	ed fail/F=failed n.a/N=	enot applicable E.	U.T=equipment under tested			



# 1. GENERAL PRODUCT INFORMATION

## 1.1. Product Function

Refer to Technical Construction Form and User Manual.

#### 1.2. Difference between Model Numbers

N/A

# 1.3. Independent Operation Modes

#### 1.3.1. Conducted Modes

1	HDMI (3840*2160+Running "H" Pattern)	Worst case						
2	HDMI (1920*1080+Running "H" Pattern)							
3	HDMI (800*600+Running "H" Pattern)							
4	4 Connect to PC							
Note: The worst case will be recorded in this report.								

#### 1.3.2. Radiated Modes

	30MHz~1GHz									
1	HDMI	(3840*2160+Running "H" Pattern)	Worst case							
2	HDMI	(1920*1080+Running "H" Pattern)								
3	HDMI	(800*600+Running "H" Pattern)								
4	Conne	ect to PC								
		Above 1GHz								
1	HDMI	(3840*2160+Running "H" Pattern)	Worst case							
2	HDMI	(1920*1080+Running "H" Pattern)								
3	HDMI	(800*600+Running "H" Pattern)								
4	4 Connect to PC									
No	Note: The worst case will be recorded in this report.									

# 2. TEST SITES

# 2.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below

EMISSION									
<b>Description of Test Item</b>	Standard	Limits	Results						
	FCC Rules and	15.107(a) Class B	PASS						
Conducted disturbance at mains terminals	Regulations Part 15 Subpart B:2015 ANSI C63.4:2014	Minimum passing 1 11.80dB at 0.320	Č						
Radiated Emission Test	FCC Rules and Regulations Part 15 Subpart B:2015 ANSI C63.4:2014	15.109(a) Class B Minimum passing i 5.17dB at 59.10MF 30-1000MHz; Minimum passing i	Iz for margin is						
		6.84dB at 2975MH above 1GHZ;	z tor						



#### 2.2. Test Facilities

EMC Lab : Certificated by CNAS, CHINA

Registration No.: L5288

Date of registration: December 07, 2015

Certificated by FCC, USA Registration No.: 989591

Date of registration: November 20, 2013

Certificated by Industry Canada Registration No.: 9405A-1

Date of registration: December 30, 2015

Certificated by VCCI, Japan

Registration No.: R-3663 & C-4103 Date of registration: July 25, 2014

Certificated by TUV Rheinland, Germany Registration No.: UA 50195514 0001 Date of registration: January 07, 2011

Certificated by TUV/PS, Shenzhen

Registration No.: SCN1017

Date of registration: January 27, 2011

Certificated by Intertek ETL SEMKO Registration No.: 2011-RTL-L1-18 Date of registration: April 28, 2011

Certificated by Nemko, Hong Kong

Registration No.: 175193

Date of registration: May 4, 2011

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan,

Guangdong, China

# 2.3. List of Test and Measurement Instruments

## 2.3.1. For conducted emission at the mains terminals test (844 Room)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde& Schwarz	ESVS30	832354	June 25,16	1 Year
Artificial Mains Network	Rohde& Schwarz	ENV216	101260	June 25,16	1 Year
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	101100	June 25,16	1 Year

## 2.3.2. For radiated emission test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde& Schwarz	ESVS10	100004	June 25,16	1 Year
Spectrum Analyzer	Agilent	E4411B	MY50140697	June 25,16	1 Year
Bilog Antenna	Teseq	CBL 6111D	25872	June 28,15	3 Year
Signal Amplifier	Agilent	310N	187037	June 25,16	1 Year
Horn Antenna	SCHWARZBECK	BBHA9120D	8128-290	June 28,15	3 Year
Signal Amplifier	SCHWARZBECK	BBV9718	9718-212	June 25,16	1 Year
Spectrum Analyzer	Agilent	E4408B	MY44211139	June 25,16	1 Year



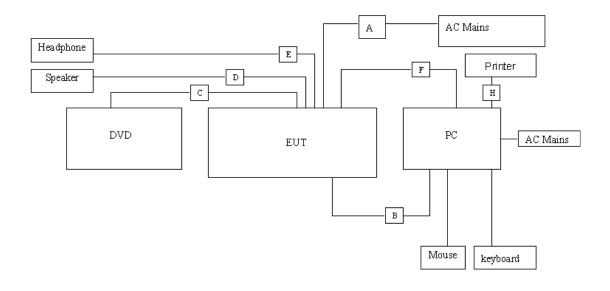
## 3. TEST SET-UP AND OPERATION MODES

## 3.1. Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

## 3.2. Block Diagram of Test Set-up

System Diagram of Connections between EUT and Simulators



(EUT: LCD TV)

A	AC Line	1	Unshielded, Detachable 1.5m
В	HDMI	4	Unshielded, Detachable 1.2m
С	AV IN	3	Unshielded, Detachable 1.2m
D	Audio out	2	Unshielded, Detachable 1.2m
E	Headphone	1	Unshielded, Detachable 1.2m
F	Network Line	1	Unshielded, Detachable 1.2m
Н	USB Cabel	1	Unshielded, Detachable 1.4m

## 3.3. Test Operation Mode and Test Software

Refer to Test Setup in clause 4.



## 3.4. Special Accessories and Auxiliary Equipment

3.4.1. PC

M / N : VOSTRO Manufacturer : DELL

Power Cord : Unshielded, Detachable, 1.6m

3.4.2. DVD Player

M / N : DVDHDMI01 Manufacturer : SAMWIN

Data Cable : Shielded, Undetachable, 1.6m

3.4.3. Speaker

Model Number : DS5 Manufacturer : Klipsch

Audio Cable : Unshielded, Detachable 1.2m

3.4.4. Printer

M / N : HP1020 Manufacturer : HP

Data Cable : Non-shielded, Detachable, 1.5m

3.4.5. Mouse

 $\begin{array}{cccc} M \, / \, N & & : & MOL5VO \\ S \, / \, N & & : & JOQ03RNT \end{array}$ 

Manufacturer : Dell

cable : Shielded, Undetachable, 1.5m

3.4.6. Keyboard

M/N : L100

S / N : CN-0RH656-65890-01M-070T

Manufacturer : Dell

cable : Shielded, Undetachable, 1.8m

#### 3.5. Countermeasures to Achieve EMC Compliance

None.

## 4. EMISSION TEST RESULTS

#### 4.1. Conducted Emission at the Mains Terminals Test

**RESULT** : Pass

Test Procedure : ANSI C63.4:2014
Frequency Range : 0.15 to 30MHz
Test Site : Shielded Room

Limits : FCC Part 15:2015 Class B

**Test Setup** 

Date of Test : July 18, 2016

M/N : 65R8

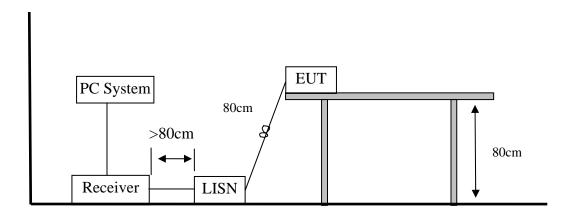
Input Voltage : AC 120V/60Hz

Operation Mode : HDMI/Connect to PC

The frequency range from 150 kHz to 30 MHz was investigated.

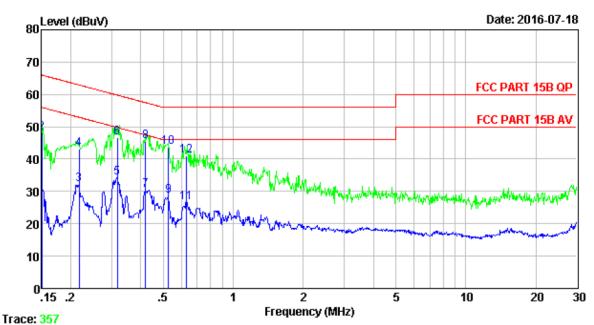
The bandwidth of the test receiver was set at 9 kHz.

The test data of the worst case condition(s) was reported on the following page.



Note: Measurement Uncertainty:  $\pm 2.54$  dB at a level of confidence of 95%.

#### **Test Data**



Site no : 844 Shield Room

Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa LINE

Limit : FCC PART 15B QP

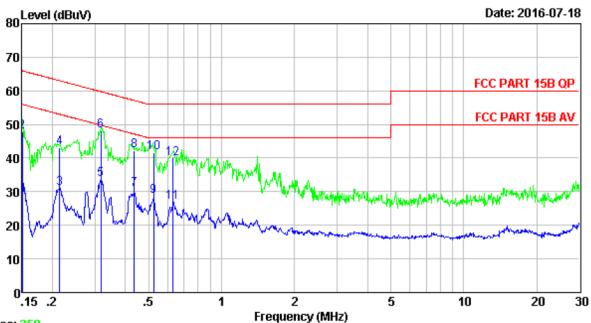
Engineer : Bible
EUT : LCD TV
Power : AC 120V/60Hz

M/N : 65R8

Test Mode : HDMI(3840\*2160+Running "H" Pattern)

	Freq.	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.15	9.61	9.81	11.30	30.72	56.00	25.28	Average
2	0.15	9.61	9.81	28.58	48.00	66.00	18.00	QP
3	0.22	9.61	9.80	12.82	32.23	52.92	20.69	Average
4	0.22	9.61	9.80	23.79	43.20	62.92	19.72	QP
5	0.32	9.61	9.83	14.92	34.36	49.80	15.44	Average
6	0.32	9.61	9.83	27.16	46.60	59.80	13.20	QP
7	0.42	9.61	9.81	11.04	30.46	47.46	17.00	Average
8	0.42	9.61	9.81	26.08	45.50	57.46	11.96	QP
9	0.53	9.61	9.81	9.09	28.51	46.00	17.49	Average
10	0.53	9.61	9.81	24.18	43.60	56.00	12.40	QP
11	0.63	9.60	9.81	7.20	26.61	46.00	19.39	Average
12	0.63	9.60	9.81	21.59	41.00	56.00	15.00	QP





Trace: 359

Site no : 844 Shield Room

Env. / Ins. : Temp:23.6'; Humi:56%; Press:101.52kPa NEUTRAL

Limit : FCC PART 15B QP

Engineer : Bible EUT : LCD TV Power : AC 120V/60Hz

M/N : 65R8

Test Mode : HDMI(3840\*2160+Running "H" Pattern)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.15	9.46	9.81	13.35	32.62	56.00	23.38	Average
2	0.15	9.46	9.81	28.63	47.90	66.00	18.10	QP
3	0.21	9.60	9.80	11.71	31.11	53.05	21.94	Average
4	0.21	9.60	9.80	23.70	43.10	63.05	19.95	QP
5	0.32	9.59	9.83	14.30	33.72	49.80	16.08	Average
6	0.32	9.59	9.83	28.58	48.00	59.80	11.80	QP
7	0.44	9.59	9.81	11.44	30.84	47.15	16.31	Average
8	0.44	9.59	9.81	22.70	42.10	57.15	15.05	QP
9	0.52	9.60	9.81	9.37	28.78	46.00	17.22	Average
10	0.52	9.60	9.81	22.09	41.50	56.00	14.50	QP
11	0.63	9.62	9.81	7.52	26.95	46.00	19.05	Average
12	0.63	9.62	9.81	20.57	40.00	56.00	16.00	QP



#### 4.2. Radiated Emission Test

**RESULT** : Pass

Test Procedure : ANSI C63.4:2014

Frequency Range : 30-1000 MHz;1-6 GHz

Test Site : 966 Chamber

Limits : FCC Part 15:2015 Class B

**Test Setup** 

Date of Test : July 16, 2016

M/N : 65R8

Input Voltage : AC 120V/60Hz

Operation Mode : HDMI/Connect to PC

The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector from the spectrum, and all the final readings from the test receiver were measured with the Quasi-Peak detector.

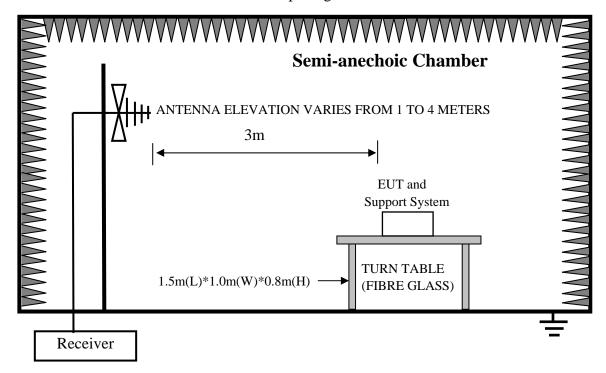
The bandwidth setting on the test receiver was 120 kHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

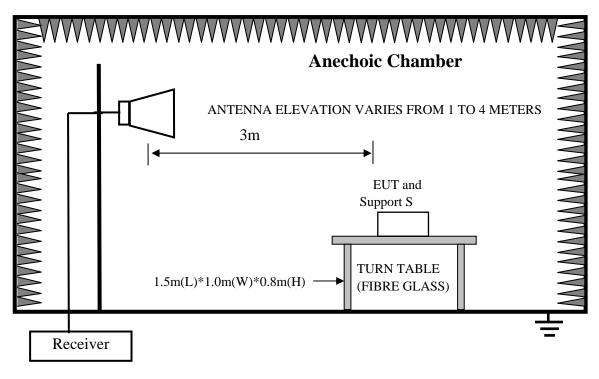
The test data of the worst case condition(s) was reported on the following page.



1. In Semi-anechoic Chamber Test Setup Diagram for 30MHz~1000MHz



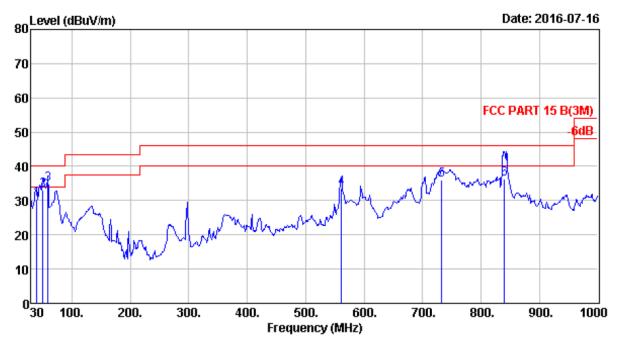
2. In Anechoic Chamber Test Setup Diagram for 1-6GHz



Test uncertainty:  $\pm 3.62$ dB at a level of confidence of 95%.

#### **Test Data**

#### 30MHz-1GHz



Site no. : 966 1# chamber Data no. : 771
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL

Limit : FCC PART 15 B(3M)

Env. / Ins. : Temp:23.6'; Humi:56%; Press:101.52kPa

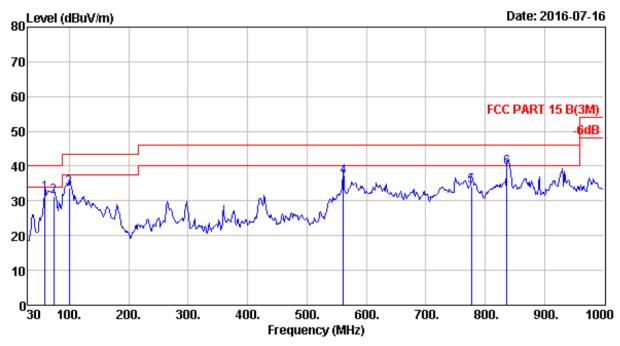
Engineer : Bible
EUT : LCD TV
Power : AC 120V/60Hz

M/N : 65R8

Test Mode : HDMI(3840\*2160+Running "H" Pattern)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.70	12.90	0.81	16.76	30.47	40.00	9.53	QP
2	50.37	7.43	0.92	24.78	33.13	40.00	6.87	QP
3	59.10	4.80	1.00	29.03	34.83	40.00	5.17	QP
4	561.56	19.69	3.24	10.64	33.57	46.00	12.43	QP
5	733.25	22.21	3.78	9.98	35.97	46.00	10.03	QP
6	839.95	22.60	3.76	10.00	36.36	46.00	9.64	QP





Site no. : 966 1# chamber Data no. : 772

Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL

Limit : FCC PART 15 B(3M)

Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa

Engineer : Bible
EUT : LCD TV
Power : AC 120V/60Hz

M/N : 65R8

Test Mode : HDMI(3840\*2160+Running "H" Pattern)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	59.10	4.80	1.00	26.46	32.26	40.00	7.74	QP
2	73.65	6.22	1.15	23.88	31.25	40.00	8.75	QP
3	99.84	9.45	1.34	22.95	33.74	43.50	9.76	QP
4	561.56	19.69	3.24	13.92	36.85	46.00	9.15	QP
5	776.90	22.01	3.90	8.44	34.35	46.00	11.65	QP
6	837.04	22.57	3.66	13.37	39.60	46.00	6.40	OP



#### Above 1GHz

Site no. : 966 l# chamber Dis. / Ant. : 3m ANT 1-18G Data no. : 778 Ant. pol. : VERTICAL Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Bible
EUT : LCD TV

: LCD TV EUT

Power : AC 120V/60Hz
M/N : 65R8
Test Mode : HDMI(3840\*2160+Running "H" Pattern)

		ANT	Cable		Emission			
	Freq.	Factor	Loss	Reading	Level	Limit	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	1175.00	24.31	3.74	5.55	33.60	54.00	20.40	Average
2	1175.00	24.31	3.74	24.05	52.10	74.00	21.90	Peak
3	1400.00	25.13	4.17	6.20	35.50	54.00	18.50	Average
4	1400.00	25.13	4.17	22.16	51.46	74.00	22.54	Peak
5	1600.00	24.85	4.69	6.96	36.50	54.00	17.50	Average
6	1600.00	24.85	4.69	23.15	52.69	74.00	21.31	Peak
7	2540.00	27.63	6.96	4.91	39.50	54.00	14.50	Average
8	2540.00	27.63	6.96	25.71	60.30	74.00	13.70	Peak
9	2790.00	27.89	8.04	4.57	40.50	54.00	13.50	Average
10	2790.00	27.89	8.04	26.62	62.55	74.00	11.45	Peak
11	2975.00	28.16	8.90	3.84	40.90	54.00	13.10	Average
12	2975.00	28.16	8.90	64.14	64.08	74.00	9.92	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss -AMP Factor + Reading.



<sup>2.</sup> The emission levels that are 20dB below the official limit are not reported.

Site no. : 966 l# chamber Data no. : 779
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORD
Limit : FCC PART 15(1-6G) PK

Ant. pol. : HORIZONTAL

Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Bible
EUT : LCD TV

Power : AC 120V/60Hz
M/N : 65R8
Test Mode : Connect to Network

	Freq.	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2100.00	27.13	6.30	5.87	39.30	54.00	14.70	Average
2	2100.00	27.13	6.30	24.67	58.10	74.00	15.90	Peak
3	2200.00	27.82	6.41	1.27	35.50	54.00	18.50	Average
4	2200.00	27.82	6.41	18.68	52.91	74.00	21.09	Peak
5	2360.00	27.67	6.58	7.25	41.50	54.00	12.50	Average
6	2360.00	27.67	6.58	26.54	60.79	74.00	13.21	Peak
7	2560.00	27.65	7.04	0.01	34.70	54.00	19.30	Average
8	2560.00	27.65	7.04	21.29	55.98	74.00	18.02	Peak
9	2790.00	27.89	8.04	0.37	36.30	54.00	17.70	Average
10	2790.00	27.89	8.04	24.71	60.64	74.00	13.36	Peak
11	2975.00	28.16	8.90	9.94	47.00	54.00	7.00	Average
12	2975.00	28.16	8.90	30.10	67.16	74.00	6.84	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss -AMP Factor + Reading.

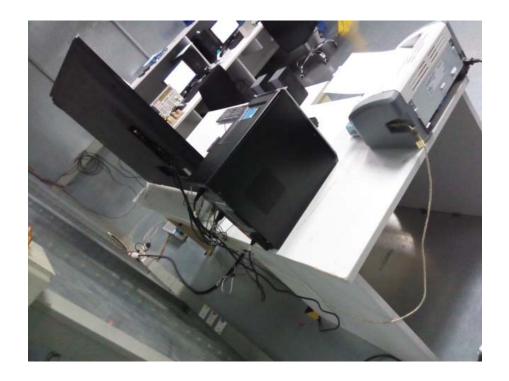


<sup>2.</sup> The emission levels that are 20dB below the official limit are not reported.

# 5. PHOTOGRAPHS OF TEST SET-UP

5.1. Set-up for conducted emission at the mains terminals test

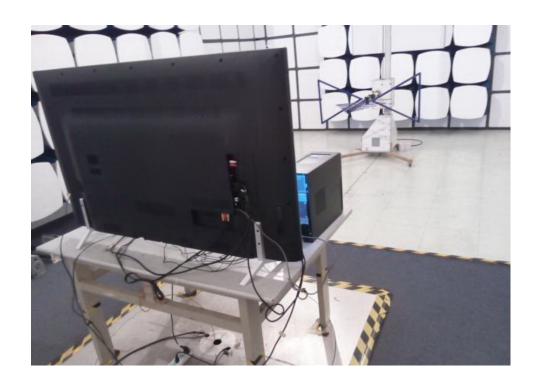






# 5.2. Set-up for radiated emission test (30-1000MHz)







# 5.3. Set-up for radiated emission test (Above 1GHz)







# 6. PHOTOGRAPHS OF THE EUT

External Photos







**External Photos** 







**External Photos** 







## **External Photos**



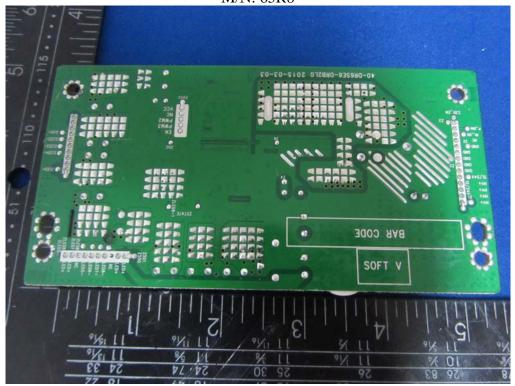






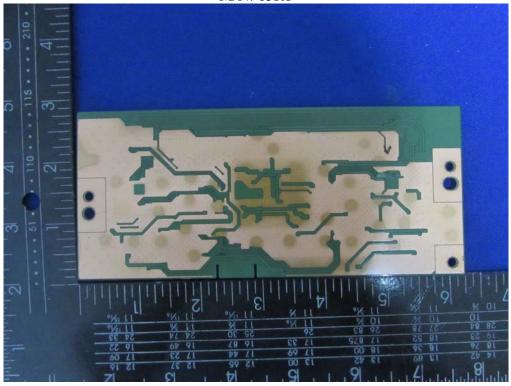




























# Internal Photos M/N: 65R8



