FCC	C Part 15, Subpart B, Class B
	TEST REPORT
HAOLIYUAN(SHENZHEN) ELECTRONIC CO., LTD
Mini 8	02.11ac Wireless USB Adapter
	Test Model: 0611
Additional	Model No.: Please Refer To Page 7
Prepared for Address	 HAOLIYUAN(SHENZHEN) ELECTRONIC CO., LTD 4/F, Building7, Districit3, Cuigang industrial park, Rd zhengfengnan, Fuyong,Baoan, Shenzhen
Prepared by Address Tel Fax Web	 Shenzhen LCS Compliance Testing Laboratory Ltd. Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China (+86)755-82591330 (+86)755-82591332 www.LCS-cert.com
Mail	: webmaster@LCS-cert.com
Date of receipt of test sample Number of tested samples Serial number Date of Test Date of Report	 Aug. 26, 2020 1 Prototype Aug. 26, 2020 ~ Aug. 29, 2020 Sept. 01, 2020



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FCC TEST REPORT FCC Part 15, Subpart B, Class B

Report Reference No	: LCS200810326AE				
Date Of Issue [:] Sept. 01, 2020					
Testing Laboratory Name	[:] Shenzhen LCS Compliance Testin	g Laboratory Ltd.			
 Address					
Applicant's Name	: HAOLIYUAN(SHENZHEN) ELECTR	RONIC CO., LTD			
Address	¹ 4/F, Building7, Districit3, Cuigang ind zhengfengnan, Fuyong,Baoan, Sher	• •			
Test Specification					
Standard	[:] FCC Part 15, Subpart B, Class B, Al	NSI C63.4 -2014			
Test Report Form No	LCSEMC-1.0				
TRF Originator : Shenzhen LCS Compliance Testing Laboratory Ltd.					
Master TRF : Dated 2011-03					
This publication may be reproc as the SHENZHEN LCS COMI copyright owner and source of LABORATORY LTD. takes no	CE TESTING LABORATORY LTD. All luced in whole or in part for non-comm PLIANCE TESTING LABORATORY L ⁻ the material. SHENZHEN LCS COMP responsibility for and will not assume I rpretation of the reproduced material d	ercial purposes as long ID. is acknowledged as LIANCE TESTING iability for damages			
Test Item Description : Mini 802.11ac Wireless USB Adapter					
	: Mini 802.11ac Wireless USB Ada	oter			
Test Model		oter			
•	: 0611	oter			
Test Model	: 0611 : N/A	oter			
Test Model Trade Mark	: 0611 : N/A : DC 5.0V	oter			
Test Model Trade Mark Ratings	: 0611 : N/A : DC 5.0V	oter Approved by:			
Test Model Trade Mark Ratings Result	: 0611 : N/A : DC 5.0V : Positive				

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FCC -- TEST REPORT

Report No.: LCS200810326AE

Test Report No. :	LCS200810326AE	Sept. 01, 2020 Date of issue

Т

Test Model	: 0611
EUT	: Mini 802.11ac Wireless USB Adapter
Applicant	: HAOLIYUAN(SHENZHEN) ELECTRONIC CO., LTD
Address	: 4/F, Building7, Districit3, Cuigang industrial park, Rd zhengfengnan, Fuyong,Baoan, Shenzhen
Telephone	:/
Fax	:/
Manufacturer	: HAOLIYUAN(SHENZHEN) ELECTRONIC CO., LTD
Address	: 4/F, Building7, Districit3, Cuigang industrial park, Rd zhengfengnan, Fuyong,Baoan, Shenzhen
Telephone	
Fax	:/
Factory	:/
Address	:/
Telephone	
Fax	:/

Test Result according to the standards on page 6: Positive

The test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Revision History

Revision	Revision Issue Date		Revised By	
000 Sept. 01, 2020		Initial Issue	Gavin Liang	

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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.

EMISSION				
Description of Test Item	Standard	Limits	Results	
Conducted disturbance at mains terminals	FCC Part 15, Subpart B, Class B, ANSI C63.4 -2014	Class B	PASS	
Radiated disturbance	FCC Part 15, Subpart B, Class B, ANSI C63.4 -2014	Class B	PASS	

N/A is an abbreviation for Not Applicable.

Test mode:		
Mode 1	Working	Record

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT : Mini 802.11ac Wireless USB Adapter

Trade Mark : N/A

Test Model : 0611

- Model Lists : WU650S
- Model declaration : PCB board, structure and internal of these model(s) are the same, So no additional models were tested.
- Power Supply : DC 5.0V

Highest internal frequency (Fx)	Highest measured frequency			
Fx ≤ 108 MHz	1 GHz			
108 MHz < Fx ≤ 500 MHz	2 GHz			
500 MHz < Fx ≤ 1 GHz	5 GHz			
Fx > 1 GHz	5 × Fx up to a maximum of 6 GHz			
NOTE 1 For FM and TV broadcast receivers, Fx is determined from the highest				
frequency generated or used excluding t	he local oscillator and tuned			
frequencies.				
Where Fx is unknown, the radiated emission measurements shall be performed				
up to 6 GHz.				

2.2. Support equipment List

Name	Manufacturers	M/N	S/N	
PC	Dell	OptiPlex 9020 MT	BCM943228HM4L	

2.3. Description of Test Facility

Site Description

EMC Lab.

: NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.

2.4. Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Test Parameters		Expanded Uncertainty (Ulab)	Expanded Uncertainty (Ucispr)
Conducted Emission	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 2.63 dB ± 2.35 dB	± 3.8 dB ± 3.4 dB
Power Disturbance	Level accuracy (30MHz to 300MHz)	\pm 2.90dB	\pm 4.5 dB
Electromagnetic Radiated Emission (3-loop)	Level accuracy (9kHz to 30MHz)	\pm 3.60 dB	\pm 3.3 dB
Radiated Emission	Level accuracy (9kHz to 30MHz)	\pm 3.68 dB	N/A
Radiated Emission	Level accuracy (30MHz to 1000MHz)	\pm 3.48 dB	\pm 5.3 dB
Radiated Emission	Level accuracy (above 1000MHz)	\pm 3.90 dB	\pm 5.2 dB
Mains Harmonic	Voltage	$\pm 0.510\%$	N/A
Voltage Fluctuations & Flicker	Voltage	± 0.510%	N/A
EMF		± 21.59%	N/A

2.5. Measurement Uncertainty

(1) Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

(2) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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3. TEST RESULTS

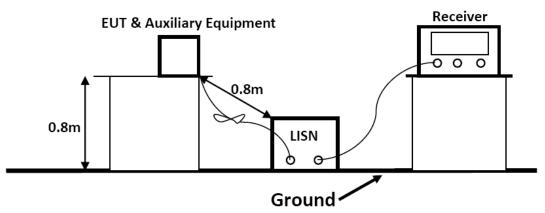
3.1. POWER LINE CONDUCTED EMISSION MEASUREMENT

3.1.1. Test Equipment

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

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	EMI Test Software	EZ	EZ-EMC	/	N/A	N/A
2	EMI Test Receiver	R&S	ESPI	101840	2020-06-22	2021-06-21
3	Artificial Mains	R&S	ENV216	101288	2020-06-22	2021-06-21
4	10dB Attenuator	SCHWARZBEC K	MTS-IMP-136	261115-001-0032	2020-06-22	2021-06-21

3.1.2.Block Diagram of Test Setup



3.1.3.Test Standard

Power Line Conducted Emission Limits (Class B)

	Frequenc	ху —	Limit (dBµV)					
(MHz)			Quasi-peak Level	Average Level				
0.15	~	0.50	66.0 ~ 56.0 * 56.0 ~ 46.0 *					
0.50	~	5.00	56.0	46.0				
5.00	~	30.00	60.0 50.0					
NOTE1-The lower limit shall apply at the transition frequencies.								
NOTE2-T	he limit d	decreases line	early with the logarithm of the					

frequency in the range 0.15MHz to 0.50MHz.

3.1.4.EUT Configuration on Test

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.

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 9 of 15 3.1.5. Operating Condition of EUT

3.1.5.1.Setup the EUT as shown on Section 3.1.2

3.1.5.2. Turn on the power of all equipments.

3.1.5.3.Let the EUT work in measuring Mode 1 and measure it.

3.1.6.Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides 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 C63.4-2014 on Conducted Emission Measurement.

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

The frequency range from 150kHz to 30MHz is investigated

3.1.7.Test Results

PASS.

The test result please refer to the next page.

Test Model			611		Test M	ode	Mode 1		
nvironme	ntal Condi	tions 2	22.7℃, 53.7% RH			ngineer			
Pol			ine		Test Vo	oltage	AC 120V/60Hz		
	- Mandym		in the second	with and with	Muniount		T 158 Conduction(GP) T 158 Conduction(AV/G) production(AV/G)		
-10						₩ <mark>₩₩₩</mark>			
0 -10 -20 0.150	Frequency	Reading	Correct	(MRz)			30.000		
0 -10 -20	Frequency (MfHz)	Reading (dBuV)	Correct (dB)	(HHz) (HHz) Result (dBuV)	Limit (dBuV)	Margin (dB)	wo addition .		
0 -10 -20 0.150				Result	Limit	Margin	30.000		
0 -10 -20 0.150 No.	(MHz)	(dBuV)	(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	30.000 Remark		
0 -10 -20 0,150 No.	(MHz) 0.1770	(dBuV) 23.54	(dB) 19.17	Result (dBuV) 42.71	Limit (dBuV) 64.63	Margin (dB) -21.92	30.000 Remark QP		
0 -10 -20 0.150 No.	(MHz) 0.1770 0.1815	(dBuV) 23.54 -8.56	(dB) 19.17 19.17	Result (dBuV) 42.71 10.61	Limit (dBuV) 64.63 54.42	Margin (dB) -21.92 -43.81	30.000 Remark QP AVG		
0 -10 -20 0.150 No.	(MHz) 0.1770 0.1815 0.2985	(dBuV) 23.54 -8.56 21.07	(dB) 19.17 19.17 19.27	Result (dBuV) 42.71 10.61 40.34	Limit (dBuV) 64.63 54.42 60.28	Margin (dB) -21.92 -43.81 -19.94	30.000 Remark QP AVG QP		
0 -10 -20 .150 No. 1 2 3 4	(MHz) 0.1770 0.1815 0.2985 0.3051	(dBuV) 23.54 -8.56 21.07 -10.89	(dB) 19.17 19.17 19.27 19.27	Result (dBuV) 42.71 10.61 40.34 8.38	Limit (dBuV) 64.63 54.42 60.28 50.10	Margin (dB) -21.92 -43.81 -19.94 -41.72	30.000 Remark QP AVG QP AVG		
0 -10 -20 No. 1 2 3 4 5	(MHz) 0.1770 0.1815 0.2985 0.3051 0.7575	(dBuV) 23.54 -8.56 21.07 -10.89 21.44	(dB) 19.17 19.17 19.27 19.27 19.32	Result (dBuV) 42.71 10.61 40.34 8.38 40.76	Limit (dBuV) 64.63 54.42 60.28 50.10 56.00	Margin (dB) -21.92 -43.81 -19.94 -41.72 -15.24	30.000 Remark QP AVG QP AVG QP		
0 -10 -20 0.150 No. 1 2 3 4 5 6	(MHz) 0.1770 0.1815 0.2985 0.3051 0.7575 0.7711	(dBuV) 23.54 -8.56 21.07 -10.89 21.44 -4.85	(dB) 19.17 19.17 19.27 19.27 19.32 19.32	Result (dBuV) 42.71 10.61 40.34 8.38 40.76 14.47	Limit (dBuV) 64.63 54.42 60.28 50.10 56.00 46.00	Margin (dB) -21.92 -43.81 -19.94 -41.72 -15.24 -31.53	30.000 Remark QP AVG QP AVG QP AVG		
0 10 10 20 0.150 No. 1 2 3 4 5 6 7	(MHz) 0.1770 0.1815 0.2985 0.3051 0.7575 0.7711 1.5405	(dBuV) 23.54 -8.56 21.07 -10.89 21.44 -4.85 19.86	(dB) 19.17 19.17 19.27 19.27 19.32 19.32 19.35	Result (dBuV) 42.71 10.61 40.34 8.38 40.76 14.47 39.21	Limit (dBuV) 64.63 54.42 60.28 50.10 56.00 46.00 56.00	Margin (dB) -21.92 -43.81 -19.94 -41.72 -15.24 -31.53 -16.79	30.000 Remark QP AVG QP AVG QP AVG QP AVG QP		
0 -10 -20 0.150 No. 1 2 3 4 5 6 7 7 8	(MHz) 0.1770 0.1815 0.2985 0.3051 0.7575 0.7711 1.5405 1.5809	(dBuV) 23.54 -8.56 21.07 -10.89 21.44 -4.85 19.86 -9.44	(dB) 19.17 19.17 19.27 19.27 19.32 19.32 19.35	Result (dBuV) 42.71 10.61 40.34 8.38 40.76 14.47 39.21 9.91	Limit (dBuV) 64.63 54.42 60.28 50.10 56.00 46.00 56.00 46.00	Margin (dB) -21.92 -43.81 -19.94 -41.72 -15.24 -31.53 -16.79 -36.09	30.000 Remark QP AVG QP AVG QP AVG QP AVG		
0 -10 -20 0.150 No. 1 2 3 4 5 6 7 8 9	(MHz) 0.1770 0.1815 0.2985 0.3051 0.7575 0.7711 1.5405 1.5809 6.4095	(dBuV) 23.54 -8.56 21.07 -10.89 21.44 -4.85 19.86 -9.44 15.53	(dB) 19.17 19.27 19.27 19.27 19.32 19.32 19.35 19.35 19.56	Result (dBuV) 42.71 10.61 40.34 8.38 40.76 14.47 39.21 9.91 35.09	Limit (dBuV) 64.63 54.42 60.28 50.10 56.00 46.00 56.00 46.00 60.00	Margin (dB) -21.92 -43.81 -19.94 -41.72 -15.24 -31.53 -16.79 -36.09 -24.91	30.000 Remark QP AVG QP AVG QP AVG QP AVG QP AVG QP		

Test Model	est Model				Test M	ode	Mode 1		
Environmer	ntal Condit	tions 22	2.7℃, 53. [™]	7% RH	Test Er	ngineer	Deh Xu		
Pol					Test Vo	oltage	AC 120V/60Hz		
80.0 dBuV 70 60 50 40 30 20 10 0			hales and the		Martin and Martin		r 158 Conductio (UP) r 158 Conductio (UVG)		
-10									
	Frequency	Reading	Correct	(MHz) Result	Limit	Margin	30.000 Remark		
-20 0.150	Frequency (MfHz)	Reading (dBuV)	Correct (dB)		Limit (dBuV)	Margin (dB)			
-20 0.150				Result					
-20 0.150 No.	(MHz)	(dBuV)	(dB)	Result (dBuV)	(dBuV)	(dB)	Remark		
-20 0.150 No.	(MHz) 0.2940	(dBuV) 25.78	(dB) 19.27	Result (dBuV) 45.05	(dBuV) 60.41	(dB) -15.36	Remark QP		
-20 0.150 No. 1 2	(MHz) 0.2940 0.3003	(dBuV) 25.78 -8.10	(dB) 19.27 19.27	Result (dBuV) 45.05 11.17	(dBuV) 60.41 50.23	(dB) -15.36 -39.06	Remark QP AVG		
-20 0.159 No. 1 2 3	(MHz) 0.2940 0.3003 0.7575	(dBuV) 25.78 -8.10 25.38	(dB) 19.27 19.27 19.32	Result (dBuV) 45.05 11.17 44.70	(dBuV) 60.41 50.23 56.00	(dB) -15.36 -39.06 -11.30	Remark QP AVG QP		
-20 0.150 No. 1 2 3 4	(MHz) 0.2940 0.3003 0.7575 0.7711	(dBuV) 25.78 -8.10 25.38 1.90	(dB) 19.27 19.27 19.32 19.32	Result (dBuV) 45.05 11.17 44.70 21.22	(dBuV) 60.41 50.23 56.00 46.00	(dB) -15.36 -39.06 -11.30 -24.78	Remark QP AVG QP AVG		
-20 0.150 No. 1 2 3 4 5	(MHz) 0.2940 0.3003 0.7575 0.7711 1.9725	(dBuV) 25.78 -8.10 25.38 1.90 16.58	(dB) 19.27 19.27 19.32 19.32 19.41	Result (dBuV) 45.05 11.17 44.70 21.22 35.99	(dBuV) 60.41 50.23 56.00 46.00 56.00	(dB) -15.36 -39.06 -11.30 -24.78 -20.01	Remark QP AVG QP AVG QP QP		
-20 0.150 No. 1 2 3 4 5 6	(MIHz) 0.2940 0.3003 0.7575 0.7711 1.9725 2.0264	(dBuV) 25.78 -8.10 25.38 1.90 16.58 -7.60	(dB) 19.27 19.27 19.32 19.32 19.41 19.41	Result (dBuV) 45.05 11.17 44.70 21.22 35.99 11.81	(dBuV) 60.41 50.23 56.00 46.00 56.00 46.00	(dB) -15.36 -39.06 -11.30 -24.78 -20.01 -34.19	Remark QP AVG QP AVG QP AVG		
-20 0.150 No. 1 2 3 4 5 6 7	(MIHz) 0.2940 0.3003 0.7575 0.7711 1.9725 2.0264 6.3195	(dBuV) 25.78 -8.10 25.38 1.90 16.58 -7.60 20.25	(dB) 19.27 19.27 19.32 19.32 19.41 19.41 19.56	Result (dBuV) 45.05 11.17 44.70 21.22 35.99 11.81 39.81	(dBuV) 60.41 50.23 56.00 46.00 56.00 46.00 60.00	(dB) -15.36 -39.06 -11.30 -24.78 -20.01 -34.19 -20.19	Remark QP AVG QP AVG QP AVG QP QP		
-20 0.150 No. 1 2 3 4 5 6 7 8	(MIHz) 0.2940 0.3003 0.7575 0.7711 1.9725 2.0264 6.3195 6.5265	(dBuV) 25.78 -8.10 25.38 1.90 16.58 -7.60 20.25 -9.14	(dB) 19.27 19.27 19.32 19.32 19.41 19.41 19.56 19.56	Result (dBuV) 45.05 11.17 44.70 21.22 35.99 11.81 39.81 10.42	(dBuV) 60.41 50.23 56.00 46.00 56.00 46.00 60.00 50.00	(dB) -15.36 -39.06 -11.30 -24.78 -20.01 -34.19 -20.19 -39.58	Remark QP AVG QP AVG QP AVG QP AVG QP AVG QP AVG QP		
-20 0.159 No. 1 2 3 4 5 6 7 8 9	(MIHz) 0.2940 0.3003 0.7575 0.7711 1.9725 2.0264 6.3195 6.5265 9.8565	(dBuV) 25.78 -8.10 25.38 1.90 16.58 -7.60 20.25 -9.14 16.08	(dB) 19.27 19.27 19.32 19.32 19.41 19.41 19.56 19.56 19.69	Result (dBuV) 45.05 11.17 44.70 21.22 35.99 11.81 39.81 10.42 35.77	(dBuV) 60.41 50.23 56.00 46.00 56.00 46.00 60.00 50.00 60.00	(dB) -15.36 -39.06 -11.30 -24.78 -20.01 -34.19 -20.19 -39.58 -24.23	Remark QP AVG QP AVG QP AVG QP AVG QP AVG QP QP		

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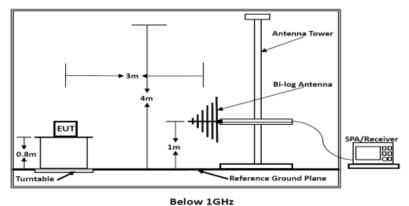
3.2. Radiated emission Measurement

3.2.1. Test Equipment

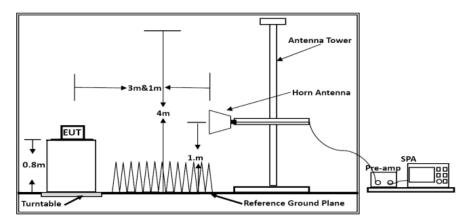
The following test equipments are used during the radiated emission measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	EMI Test Software	EZ	EZ-EMC	/	N/A	N/A
2	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	2020-06-22	2020-06-21
3	Positioning Controller	MF	MF7082	MF78020803	2020-06-22	2021-06-21
4	By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2018-07-26	2021-07-25
5	Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1925	2018-07-02	2021-07-01
6	EMI Test Receiver	R&S	ESR 7	101181	2020-06-22	2021-06-21
7	RS SPECTRUM ANALYZER	R&S	FSP40	100503	2019-11-22	2020-11-21
8	Broadband Preamplifier	/	BP-01M18G	P190501	2020-06-22	2021-06-21
9	RF Cable-R03m	Jye Bao	RG142	CB021	2020-06-22	2021-06-21
10	RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	2020-06-22	2021-06-21

3.2.2. Block Diagram of Test Setup







Above 1GHz

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Limits for Radiated Disturbance Below 1GHz

Limits for Radiated Disturbance Below 1GHz									
FREQUENCY	DISTANCE	FIELD STREN	NGTHS LIMIT						
MHz	Meters	μV/m	dB(µV)/m						
30 ~ 88	3	100	40						
88 ~ 216	3	150	43.5						
216 ~ 960	3	200	46						
960 ~ 1000	3	500	54						
Remark: (1) Emission I	evel (dB)µV = 20 le	og Emission level	μV/m						
(2) The small	er limit shall apply	at the cross point	between two						
frequency	bands.	-							
(3) Distance i	s the distance in m	eters between th	e measuring						
instrument, a	antenna and the cl	osest point of any	part of the						
device or sys	stem.								
Limits	for Radiated Emiss	sion Above 1GHz							
Frequency	Frequency Distance Peak Limit Average Lim								
(MHz)	(Meters)	(dBµV/m)	(dBµV/m)						
Above 1000	3	74	54						
***Note: The lower limit	applies at the tran	sition frequency.							

3.2.4. 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.

3.2.5. Operating Condition of EUT

3.2.5.1.Setup the EUT as shown in Section 3.2.2.

3.2.5.2.Let the EUT work in test Mode 1 and measure it.

3.2.6. Test Procedure

EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable 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 by-log 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 C63.4-2014 on radiated emission measurement.

The bandwidth of the EMI test receiver is set at 120kHz, 300kHz.

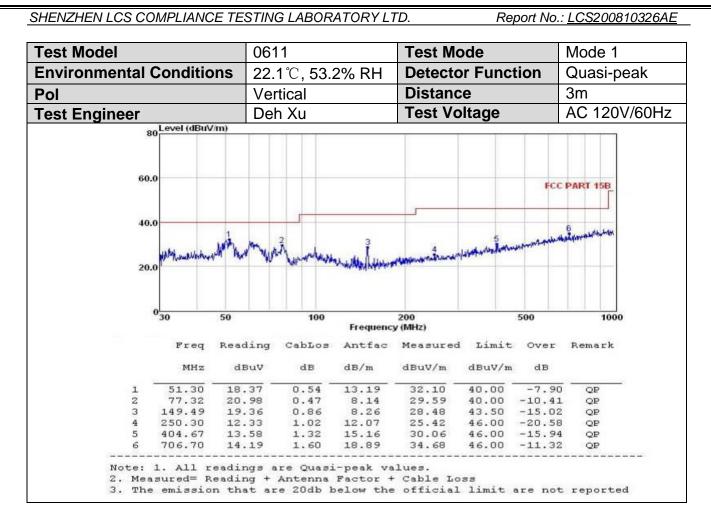
The frequency range from 30MHz to 1000MHz is checked.

3.2.7. Radiated Emission Noise Measurement Result

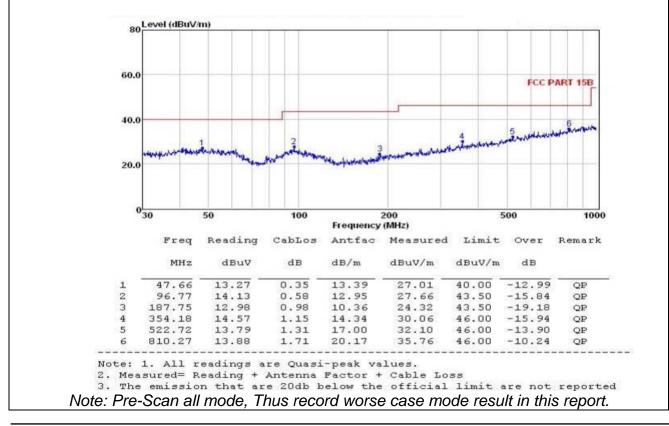
PASS.

The scanning waveforms please refer to the next page.

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Test Model	0611	Test Mode	Mode 1
Environmental Conditions	22.1℃, 53.2% RH	Detector Function	peak, AV
Pol	Horizontal	Distance	3m
Test Engineer	Deh Xu	Test Voltage	AC 120V/60Hz



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Test Model			0611				Test I	Node			Mode 1									
Environn	ronmental Conditions			24.2℃, 54.3% RH			Detector Function				peak, AV									
Pol			Vertica	al			Dista	nce			3m									
Test Eng	ineer		Deh Xu Te					/oltage	e		AC 120V/60Hz									
80.0							FCC P	art15 RE-Ck	ee B 1	-66Hz-PF	AK									
70																				
60																				
50					X		FCC	Part15 RE-C	lass B_	1-66Hz-4	VG									
			ţ	3	, X s	ł,		1 X	man	and a second second			peak							
40	www.www.www.www.www.www.	happyringha	April 10 And	har and the second	8 1	Date Party of	and and the second s	1	2		AVG									
30	~~~~	· · · · · · · · · · · · · · · · · · ·			1. X1	c		×			-									
20											<u> </u>									
10																				
0																				
-10 -20																				
	00.000			()	(Hz)			4	000			60	00.0							
No	b. Frequency (MHz)		eading dBuV)	Fact (dB/n			evel uV/m)	Lim (dBuV		Marg (dB		Dete	ctor							
1	1 1819.292	5	56.18	-14.0	3	42	2.15	74.0	00	-31.8	85	pea	ak							
2		_	15.74	-14.0	_		1.71	54.0		-22.2	_	AV								
3		_	53.99 41.18 66.41	41.18	41.18	41.18	-11.2	_		2.78 9.97	74.0		-31.2	_	pea					
5		_												41.18 66.41	-11.2			5.21	74.0	
6		_	50.35 -11.20		-	39.15		54.00					G							
7	7 2543.412	5	55.66	-11.0	5	44	4.61	74.0	00	-29.3	39	pea	ak							
8		_	12.96	-11.0	95	31	1.91	54.0	00	-22.0		AV	G							
9		_	55.04	-10.8	_		4.19	74.0		-29.8	_	pea								
10	-	_	13.47	-10.8	_		2.62	54.0		-21.3	_	AV								
1		_	53.36 39.99	-8.10	_		5.26 1.89	74.0 54.0		-28.		pea AV								
	- 0040.100	`		0.10	~	5		54.6		22.	•••	/	<u>~ </u>							
Test Mod	del		0611				Test I	Node			M	ode	1							

Fest Model		0611	0611			lode	N	Mode 1																		
Environmenta	al Conditions	3 24.2 °C	, 54.3% RH	- D)etec	tor Function	on C	Quasi-peak 3m																		
Pol		Horizo	ntal	D	Distar	nce	3																			
Test Enginee	r	Deh X	u	Т	est V	/oltage	A	AC 120V/60H		AC 120V/60																
80.0 dBuV/r	n				FCC B	art15 RE-Class B_1	CCU- DOAR																			
70					reer	arrone-class b_1	-ounz-reak	<u>.</u>																		
60			-		FCC	Part15 RE-Class B	1-66Hz-AVE	11																		
50		×	, î																							
			- Anna ture	man	1×mm	and a strand and a strand and	and some stand	0																		
40	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and and participant of the			8		1	AVG																		
30	~~~~		<u>.</u>	and the second	×																					
20																										
10																										
0					-																					
-10																										
-20																										
1000.000		1	(MHz)			4000		6000.0																		
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Lev (dBu	vel V/m)	Limit (dBuV/m)	Margir (dB)	Detector																		
1	1714.840	64.87	-14.37	50.	.50	74.00	-23.50) peak																		
2	1714.840	54.32	-14.37	39.	95	54.00	-14.05																			
3	2172.398	54.16	-11.29	42.		74.00	-31.13	· · ·																		
4	2172.398	62.85	62.85	62.85	62.85	62.85		62.85	62.85														30.22	54.00	-23.78	-
5	2410.306									-11.20	51.65		74.00	-22.35	· · · · · · · · · · · · · · · · · · ·											
6	2410.306 3130.995	55.39 53.75	-11.20 -9.90	44.19		54.00 74.00	-9.81	AVG j peak																		
8	3130.995	40.90	-9.90		.00	54.00	-23.00																			
9	5189.446	59.69	-6.06	53.		74.00	-20.37																			
10	5189.446	46.27	-6.06	40.		54.00	-13.79																			
11	5747.456	58.26	-5.34	52.	92	74.00	-21.08	b peak																		
12	5747.456	42.51	-5.34	37.	17	54.00	-16.83	8 AVG																		
Note: I	Pre-Scan all n		<u>s record we</u> D OF TE				t in this	report.																		

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