FCC TEST REPORT **FOR**

SCALA Digital Technology(Ningbo) Co., LTD

AMD R1505G Player

Test Model: SMPA-R1505G

: SCALA Digital Technology(Ningbo) Co., LTD Prepared for

No. 7 Hong Da Road, Hong Tang Industrial Zone A, Jiang Bei District, Address

Ning Bo City, China

Prepared by Shenzhen LCS Compliance Testing Laboratory Ltd.

101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Address

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Date of receipt of test sample August 16, 2021

Number of tested samples

Sample No. 220217151A-1, 220217151A-2

Serial number Prototype

Date of Test August 16, 2021 ~ February 17, 2022

February 18, 2022 Date of Report

FCC TEST REPORT

FCC CFR 47 PART 15 C (15.247)

Report Reference No.: LCS220217151AEA

Date of Issue.....: February 18, 2022

Testing Laboratory Name.....: Shenzhen LCS Compliance Testing Laboratory Ltd.

101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Address....::

Shajing Street, Baoan District, Shenzhen, 518000, China

. Full application of Harmonised standards

Partial application of Harmonised standards □ Testing Location/ Procedure.....

Other standard testing method

Applicant's Name.....: SCALA Digital Technology(Ningbo) Co., LTD

No. 7 Hong Da Road, Hong Tang Industrial Zone A, Jiang Bei District,

Ning Bo City, China

Test Specification

Standard.....: FCC CFR 47 PART 15 C (15.247)

Test Report Form No.....: LCSEMC-1.0

TRF Originator.....: Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF..... : Dated 2011-03

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Test Item Description.....: AMD R1505G Player

Trade Mark....: SCALA

Test Model.....: SMPA-R1505G

Ratings....: Input: 12V=5.0A

For AC Adapter Input: 100-240V~, 50/60Hz, 1.3A

For AC Adapter Output: 12V = 5.0A 60.0W

Result: Positive

Tested by: Compiled by: Approved by:

Kevin Huang/ Administrator

Jin Wang/ Technique principal

Gavin Liang / Manager

FCC -- TEST REPORT

February 18, 2022 LCS220217151AEA Test Report No.: Date of issue

Test Model..... : SMPA-R1505G EUT..... : AMD R1505G Player : SCALA Digital Technology(Ningbo) Co., LTD Applicant..... Address..... : No. 7 Hong Da Road, Hong Tang Industrial Zone A, Jiang Bei District, Ning Bo City, China Telephone..... : / Fax.... : / · SCALA Digital Technology(Ningbo) Co., LTD Manufacturer..... . No. 7 Hong Da Road, Hong Tang Industrial Zone A, Jiang Bei Address..... District, Ning Bo City, China Telephone..... Fax..... : / : SCALA Digital Technology(Ningbo) Co., LTD Factory..... . No. 7 Hong Da Road, Hong Tang Industrial Zone A, Jiang Bei Address..... District, Ning Bo City, China Telephone..... Fax..... : /

Test Result	Positive
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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	Issue Date	Revisions	Revised By
000	February 18, 2022	Initial Issue	Gavin Liang

TABLE OF CONTENTS

Description	Page
1. GENERAL INFORMATION	6
1.1 Description of Device (EUT)	6
1.2 Support equipment List	
1.3 External I/O Cable	8
1.4 Description of Test Facility	
1.5 Statement of the Measurement Uncertainty	8
1.6 Measurement Uncertainty	8
1.7 Description of Test Modes	9
2. TEST METHODOLOGY	10
2.1 EUT Configuration	
2.2 EUT Exercise.	
2.3 General Test Procedures	
2.4. Test Sample	
3. SYSTEM TEST CONFIGURATION	11
3.1 Justification	
3.2 EUT Exercise Software	
3.3 Special Accessories.	
3.4 Block Diagram/Schematics	
3.5 Equipment Modifications	
3.6 Test Setup	11
4. SUMMARY OF TEST RESULTS	
5. SUMMARY OF TEST EQUIPMENT	13
6. MEASUREMENT RESULTS	14
6.1. Restricted Band Emission Limit.	14
6.2. AC Power Line Conducted Emissions.	
7. TEST SETUP PHOTOGRAPHS OF EUT	
8. EXTERIOR PHOTOGRAPHS OF THE EUT	
O INTEDIOD PHOTOCDAPHS OF THE FUT	23

1. GENERAL INFORMATION

1.1 Description of Device (EUT)

EUT : AMD R1505G Player

: SMPA-R1505G Test Model

Power Supply : Input: 12V = 5.0A

For AC Adapter Input: 100-240V~, 50/60Hz, 1.3A

For AC Adapter Output: 12V = 5.0A 60.0W

Hardware Version : V1.0

Software Version : /

Bluetooth

Frequency Range : 2402MHz ~ 2480MHz

Chanel Number : 79 channels for Bluetooth V4.0(DSS)

40 channels for Bluetooth V4.0 (DTS)

Chanel Spacing : 1MHz for Bluetooth V4.0 (DSS)

2MHz for Bluetooth V4.0 (DTS)

: GFSK, $\pi/4$ -DQPSK, 8-DPSK for Bluetooth V4.0(DSS) Modulation Type

GFSK for Bluetooth V4.0 (DTS)

Bluetoth Version : V4.0

Antenna Description : External Antenna, 2.0dBi (max.)

WIFI(2.4G Band)

Frequency Range : 2412MHz ~ 2462MHz

Channel Spacing : 5MHz

Channel Number : 11 Channels for 20MHz bandwidth (2412~2462MHz)

7 Channels for 40MHz bandwidth (2422~2452MHz)

: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) Modulation Type

> IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)

: External Antenna, 2.0dBi (max.) Antenna Description

5.2G WLAN

Frequency Range : 5180MHz-5240MHz

Channel Number : 4 channels for 20MHz bandwidth(5180MHz-5240MHz)

2 channels for 40MHz bandwidth(5190MHz~5230MHz)

1 channels for 80MHz bandwidth(5210MHz)

: IEEE 802.11a/n/ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, Modulation Type

BPSK)

Antenna Description : External Antenna, 2.0dBi (max.)

5.8G WLAN

Frequency Range : 5745MHz-5825MHz

Channel Number : 5 channels for 20MHz bandwidth(5745MHz-5825MHz)

2 channels for 40MHz bandwidth(5755MHz~5795MHz)

1 channels for 80MHz bandwidth(5775MHz)



Modulation Type : IEEE 802.11a/n/ac: OFDM (256QAM, 64QAM, 16QAM, QPSK,

BPSK)

Antenna Description : External Antenna, 2.0dBi (max.)

1.2 Support equipment List

Manufacturer	Description	Model	Serial Number	Certificate
XINSU GLOBAL ELECTRONIC	POWER	VCC1205000		ECC
CO., LIMITED	SUPPLY	XSG1205000		FCC

1.3 External I/O Cable

I/O Port Description	Quantity	Cable
Power Port	1	N/A
Power Ext Port	1	N/A
HDMI Port	2	N/A
AJ45 Port	2	N/A
AUX Port	1	N/A
Headset Port	1	N/A
USB Port	4	N/A
COM Port	1	N/A

1.4 Description of Test Facility

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.

Test Firm Registration Number: 254912

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10:2013 and CISPR 16-1-4:2010 SVSWR requirement for radiated emission above 1GHz.

1.5 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.

1.6 Measurement Uncertainty

Test Item	st Item Frequency Range		Uncertainty	Note
		9KHz~30MHz	3.10dB	(1)
		30MHz~200MHz	2.96dB	(1)
Radiation Uncertainty	:	200MHz~1000MHz	3.10dB	(1)
		1GHz~26.5GHz	3.80dB	(1)
		26.5GHz~40GHz	3.90dB	(1)
Conduction Uncertainty	:	150kHz~30MHz	1.63dB	(1)
Power disturbance	:	30MHz~300MHz	1.60dB	(1)

^{(1).} This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.7 Description of Test Modes

Bluetooth operates in the unlicensed ISM Band at 2.4GHz. With basic data rate feature, the data rates can be up to 1 Mb/s by modulating the RF carrier using GFSK techniques. The EUT works in the X-axis, Y-axis, Z-axis. The following operating modes were applied for the related test items. All test modes were tested, only the result of the worst case was recorded in the report.

Mode of Operations	Frequency Range (MHz)	Data Rate (Mbps)		
	2402	1/2/3		
BT 5.0	2441	1/2/3		
	2480	1/2/3		
	For Conducted Emission			
Test Mode	TX Mo	de/Hopping Mode		
For Radiated Emission				
Test Mode	TX Mo	de/Hopping Mode		

Worst-case mode and channel used for 150 KHz-30 MHz power line conducted emissions was determined to be TX (2Mbps-Middle Channel).

Worst-case mode and channel used for 9 KHz-1000 MHz radiated emissions was determined to be TX(2Mbps-Middle Channel).

Pre-test AC conducted emission at charge from High Channel mode, recorded worst case.

Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/60Hz, recorded worst case.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2013, FCC CFR PART 15C 15.207, 15.209 and 15.247.

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT was operated in the normal operating mode for Hopping Numbers and Dwell Time test and a continuous transmits mode for other tests.

According to its specifications, the EUT must comply with the requirements of the Section 15.207, 15.209, 15.247 under the FCC Rules Part 15 Subpart C.

2.3 General Test Procedures

2.3.1 Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 6.1.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using Quasi-peak and average detector modes.

2.3.2 Radiated Emissions

The EUT is placed on a turn table, which is 0.8 m above ground plane below 1GHz and 1.5 m above ground plane above 1GHz. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 6.4 of ANSI C63.10-2013

2.4. Test Sample

The application provides 2 samples to meet requirement;

Sample Number	Description
Sample 1(220217151A-1)	Engineer sample – continuous transmit
Sample 2(220217151A-2)	Normal sample – Intermittent transmit

3. SYSTEM TEST CONFIGURATION

3.1 Justification

The system was configured for testing in a continuous transmits condition.

3.2 EUT Exercise Software

The system was configured for testing in a continuous transmits condition and change test channels by software (Realtek) provided by application.

3.3 Special Accessories

Manufacturer	Description	Model	Serial Number	Certificate

3.4 Block Diagram/Schematics

Please refer to the related document.

3.5 Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

3.6 Test Setup

Please refer to the test setup photo.

4. SUMMARY OF TEST RESULTS

Applied Standard: FCC Part 15 Subpart C						
FCC Rules	Description of Test	Test Sample	Result	Remark		
§15.247(a)	20dB Bandwidth	Sample 1	Compliant	Appendix A.1		
§15.247(b)(1)	Maximum Conducted Output Power	Sample 1	Compliant	Appendix A.2		
§15.247(a)(1)	Frequency Separation	Sample 1	Compliant	Appendix A.3		
§15.247(a)(1)	Time Of Occupancy (Dwell Time)	Sample 1	Compliant	Appendix A.4		
§15.247(a)(1)	Number Of Hopping Frequency	Sample 1	Compliant	Appendix A.5		
§15.209(a)	Radiated Spurious Emissions	Sample 1 Sample 2	Compliant	Note 1		
§15.247(d)	Band Edges Measurements and Conducted Spurious Emissions	Sample 1	Compliant	Appendix A.6 Appendix A.7		
§15.205	Emissions at Restricted Band	Sample 1	Compliant	Appendix A.8		
§15.207(a)	AC Mains Conducted Emissions	Sample 1	Compliant	Note 1		
§15.203	Antenna Requirements	Sample 1	Compliant	Note 1		
§15.247(i)§1.1310 §15.247(i)§2.1091	RF Exposure	N/A	Compliant	Note 2		

Remark:

- 1. Note 1 Test results inside test report;
- 2. Note 2 Test results in other test report (RF report);

5. SUMMARY OF TEST EQUIPMENT

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Power Meter	R&S	NRVS	100444	2021-06-21	2022-06-20
2	Power Sensor	R&S	NRV-Z81	100458	2021-06-21	2022-06-20
3	Power Sensor	R&S	NRV-Z32	10057	2021-06-21	2022-06-20
4	Test Software	Tonscend	JS1120-2	/	N/A	N/A
5	RF Control Unit	Tonscend	JS0806-2	N/A	2020-11-17	2021-11-16
6	MXA Signal Analyzer	Agilent	N9020A	MY50510140	2020-11-17	2021-11-16
7	DC Power Supply	Agilent	E3642A	N/A	2020-11-26	2021-11-25
8	EMI Test Software	Farad	EZ	/	N/A	N/A
9	3m Full Anechoic Chamber	MRDIANZI	FAC-3M	MR009	2020-09-26	2021-09-25
10	Positioning Controller	MF	MF7082	MF78020803	2021-06-21	2022-06-20
11	Active Loop Antenna	SCHWARZBECK	FMZB 1519B	00005	2021-07-25	2024-07-24
12	By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2021-07-25	2024-07-24
13	Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1925	2021-07-01	2024-06-30
14	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	791	2020-09-20	2023-09-19
15	Broadband Preamplifier	SCHWARZBECK	BBV9745	9719-025	2021-06-21	2022-06-20
16	EMI Test Receiver	R&S	ESR 7	101181	2021-06-21	2022-06-20
17	RS SPECTRUM ANALYZER	R&S	FSP40	100503	2020-11-17	2021-11-16
18	Broadband Preamplifier	/	BP-01M18G	P190501	2021-06-21	2022-06-20
19	6dB Attenuator	/	100W/6dB	1172040	2021-06-21	2022-06-20
20	3dB Attenuator	/	2N-3dB	/	2020-11-17	2021-11-16
21	EMI Test Receiver	R&S	ESPI	101840	2021-06-21	2022-06-20
22	Artificial Mains	R&S	ENV216	101288	2021-06-21	2022-06-20
23	10dB Attenuator	SCHWARZBECK	MTS-IMP-136	261115-001-0032	2021-06-21	2022-06-20

6. MEASUREMENT RESULTS

6.1. Restricted Band Emission Limit

6.1.1. Standard Applicable

15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz		MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15	
\1\ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46	
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75	
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5	
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2	
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5	
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7	
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4	
6.31175-6.31225	123-138	2200-2300	14.47-14.5	
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2	
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4	
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12	
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0	
12.29-12.293.	167.72-173.2	3332-3339	31.2-31.8	
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5	
12.57675-12.57725	322-335.4	3600-4400	(\2\)	
13.36-13.41				

^{\1\} Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

\2\ Above 38.6

According to §15.247 (d): 20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

6.1.2. Measuring Instruments and Setting

Please refer to of equipment list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10 th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 1/T kHz for Average
RB / VB (Emission in non-restricted band)	1MHz / 1MHz for Peak, 1 MHz / 1/T kHz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB/VB 200Hz/1KHz for QP/AVG
Start ~ Stop Frequency	150kHz~30MHz / RB/VB 9kHz/30KHz for QP/AVG
Start ~ Stop Frequency	30MHz~1000MHz / RB/VB 120kHz/1MHz for QP

6.1.3. Test Procedures

1) Sequence of testing 9 kHz to 30 MHz

Setup:

- --- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- --- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- --- If the EUT is a floor standing device, it is placed on the ground.
- --- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- --- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- --- The measurement distance is 3 meter.
- --- The EUT was set into operation.

Premeasurement:

- --- The turntable rotates from 0° to 315° using 45° steps.
- --- The antenna height is 1.0 meter.
- --- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions

Final measurement:

- --- Identified emissions during the premeasurement the software maximizes by rotating the turntable position (0° to 360°) and by rotating the elevation axes (0° to 360°).
- --- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QPK detector.
- --- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.

2) Sequence of testing 30 MHz to 1 GHz

Setup:

- --- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- --- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.
- --- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- --- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- --- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- --- The measurement distance is 3 meter.
- --- The EUT was set into operation.

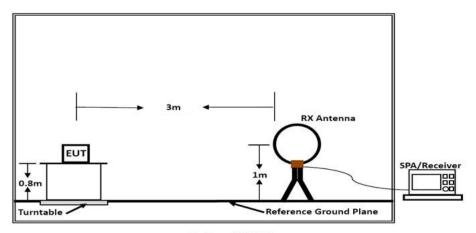
Premeasurement:

- --- The turntable rotates from 0° to 315° using 45° steps.
- --- The antenna is polarized vertical and horizontal.
- --- The antenna height changes from 1 to 4 meter.
- --- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

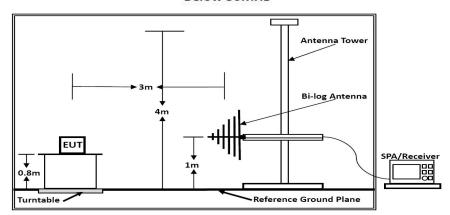
Final measurement:

- --- The final measurement will be performed with minimum the six highest peaks.
- --- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position (± 45°) and antenna movement between 1 and 4 meter.
- --- The final measurement will be done with QP detector with an EMI receiver.
- --- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

6.1.4. Test Setup Layout



Below 30MHz



Below 1GHz

6.1.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

6.1.6. Results of Radiated Emissions (9 KHz~30MHz)

Temperature	23.5℃	Humidity	52.3%
Test Engineer	Bill zhu	Configurations	BT

Freq. (MHz)	Level (dBuV)	Over Limit (dB)	Over Limit (dBuV)	Remark
-	-	-	-	See Note

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Distance extrapolation factor = 40 log (specific distance / test distance) (dB); Limit line = specific limits (dBuV) + distance extrapolation factor.

6.6.7. Results of Radiated Emissions (30 MHz~1000 MHz)

Temperature	23.5℃	Humidity	52.3%
Test Engineer	Bill zhu	Configurations	BT

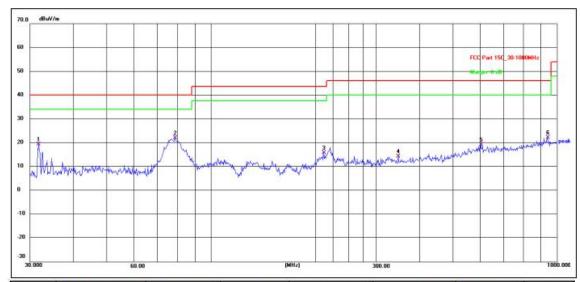
PASS.

Only record the worst test result in this report.

The test data please refer to following page.

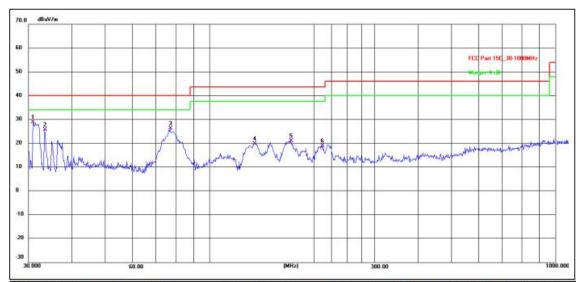
Below 1GHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	31.8427	37.49	-18.22	19.27	40.00	-20.73	QP
2 *	78.6887	41.76	-19.83	21.93	40.00	-18.07	QP
3	211.5264	32.87	-17.09	15.78	43.50	-27.72	QP
4	348.0274	29.05	-14.81	14.24	46.00	-31.76	QP
5	603.5391	29.67	-10.52	19.15	46.00	-26.85	QP
6	938.8326	30.13	-7.89	22.24	46.00	-23.76	QP

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1*	30.9618	47.25	-18.32	28.93	40.00	-11.07	QP
2	33.4449	43.76	-18.00	25.76	40.00	-14.24	QP
3	77.0505	45.98	-19.76	26.22	40.00	-13.78	QP
4	135.5061	40.64	-20.75	19.89	43.50	-23.61	QP
5	171.9946	40.41	-19.36	21.05	43.50	-22.45	QP
6	211.5264	36.02	-17.09	18.93	43.50	-24.57	QP

Note:

- 1). Pre-scan all modes and recorded the worst case results in this report 2Mbps-Middle Channel.
- 2). Emission level $(dBuV/m) = 20 \log Emission level (uV/m)$.
- 3). Level = Reading + Factor, Margin = Level Limit, Factor = Antenna Factor + Cable Loss Preamp Factor.

6.2. AC Power Line Conducted Emissions

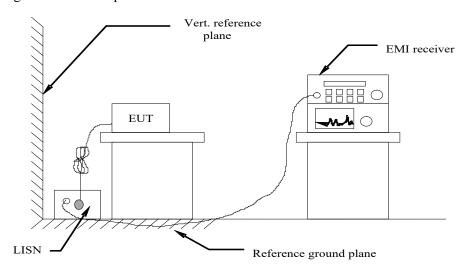
6.2.1 Standard Applicable

According to §15.207 (a): For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed 250 microvolts (The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz). The limits at specific frequency range is listed as follows:

Frequency Range	Limits (dBμV)				
(MHz)	Quasi-peak	Average			
0.15 to 0.50	66 to 56	56 to 46			
0.50 to 5	56	46			
5 to 30	60	50			

^{*} Decreasing linearly with the logarithm of the frequency

6.2.2 Block Diagram of Test Setup



6.2.3 Test Results

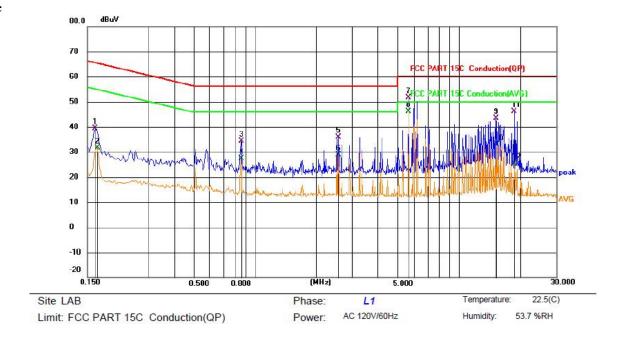
Temperature	22.5℃	Humidity	53.7%
Test Engineer	Bill zhu	Configurations	BT

PASS.

The test data please refer to following page.

AC Conducted Emission of charge from power adapter mode @ AC 120V/60Hz (worst case)

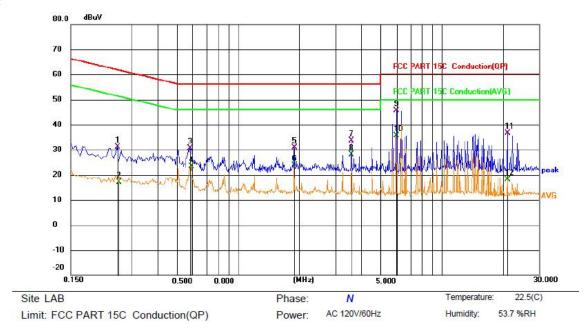
Line



No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.1636	19.62	19.76	39.38	65.28	-25.90	QP
2	0.1681	11.85	19.76	31.61	55.05	-23.44	AVG
3	0.8521	14.52	19.79	34.31	56.00	-21.69	QP
4	0.8521	7.65	19.79	27.44	46.00	-18.56	AVG
5	2.5666	16.14	19.86	36.00	56.00	-20.00	QP
6	2.5666	9.12	19.86	28.98	46.00	-17.02	AVG
7	5.6491	31.77	19.93	51.70	60.00	-8.30	QP
8 *	5.6491	26.20	19.93	46.13	50.00	-3.87	AVG
9	15.0766	22.92	20.57	43.49	60.00	-16.51	QP
10	15.2431	12.26	20.58	32.84	50.00	-17.16	AVG
11	18.6405	25.11	20.98	46.09	60.00	-13.91	QP
12	18.6405	4.51	20.98	25.49	50.00	-24.51	AVG



Neutral



No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.2536	11.36	19.75	31.11	61.64	-30.53	QP
2	0.2581	-2.63	19.75	17.12	51.49	-34.37	AVG
3	0.5776	10.88	19.79	30.67	56.00	-25.33	QP
4	0.5866	3.53	19.79	23.32	46.00	-22.68	AVG
5	1.8826	10.98	19.83	30.81	56.00	-25.19	QP
6	1.8826	3.98	19.83	23.81	46.00	-22.19	AVG
7	3.5926	13.68	19.88	33.56	56.00	-22.44	QP
8	3.5926	8.19	19.88	28.07	46.00	-17.93	AVG
9 *	5.9866	25.70	19.93	45.63	60.00	-14.37	QP
10	5.9866	15.68	19.93	35.61	50.00	-14.39	AVG
11	21.0031	15.97	20.74	36.71	60.00	-23.29	QP
12	21.0031	-2.68	20.74	18.06	50.00	-31.94	AVG

^{***}Note: Pre-scan all modes and recorded the worst case results in this report 2Mbps-Middle Channel. Result = Reading + Correct, Margin = Result - Limit.

7. TEST SETUP PHOTOGRAPHS OF EUT

Please refer to separated files for Test Setup Photos of the EUT.

8. EXTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for External Photos of the EUT.

9. INTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for Internal Photos of the EUT.

THE END OF TEST REPORT
