# TEST REPORT

| | | |
|---|---|---|
| **Reference No.** | : | WTS17S1093645E |
| **FCC ID** | : | 2AC88-R1 |
| **Applicant** | : | HONGKONG UCLOUDLINK NETWORK TECHNOLOGY LIMITED |
| **Address** | : | Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung Sha Wan Road, Kowloon, HongKong |
| **Manufacturer** | : | Shenzhen uCloudlink Network Technology, Co., Ltd |
| **Address** | : | 3rd Floor, A Part of Building 1, Shenzhen Software Industry Base, nanshan district xuefu Road Post Code 518057, Shenzhen City, Guangdong Province P.R.China |
| **Product** | : | 4G modem |
| **Model(s)** | : | R1 |
| **Brand Name** | : | GlocalMe |
| **Standards** | : | FCC PART15 SUBPART B: 2017 |
| **Date of Receipt sample** | : | 2017-10-27 |
| **Date of Test** | : | 2017-10-28 to 2017-11-29 |
| **Date of Issue** | : | 2018-02-25 |
| **Test Result** | : | **Pass** |

Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.


**Prepared By:**
**Waltek Services (Shenzhen) Co., Ltd.**
**Address: 1/F., Fukangtai Building, West Baima Road, Songgang Street, Baoan District, Shenzhen, Guangdong, China**
**Tel :+86-755-83551033**
**Fax:+86-755-83552400**


Compiled by:

Ford Wang

Ford Wang / Project Engineer

Approved by:

Philo Zhong / Manager

## 2 Laboratories Introduction

**Waltek Services (Shenzhen) Co., Ltd** is a professional third-party testing and certification laboratory with multi-year product testing and certification experience, established strictly in accordance with ISO/IEC 17025 requirements, and accredited by ILAC (International Laboratory Accreditation Cooperation) member. A2LA (American Association for Laboratory Accreditation) of USA, Meanwhile, Waltek has got recognition as registration and accreditation laboratory from EMSD (Electrical and Mechanical Services Department), and American Energy star, FCC(The Federal Communications Commission), CEC(California energy efficiency), IC(Industry Canada). It's the strategic partner and data recognition laboratory of international authoritative organizations, such as Intertek(ETL-SEMKO), TÜV Rheinland, TÜV SÜD, etc.


Waltek Services (Shenzhen) Co., Ltd is one of the largest and the most comprehensive third party testing laboratory in China. Our test capability covered four large fields: safety test. Electro Magnetic Compatibility (EMC), and energy performance, wireless radio. As a professional, comprehensive, justice international test organization, we still keep the scientific and rigorous work attitude to help each client satisfy the international standards and assist their product enter into globe market smoothly.

**Test Facility:**

**A. Accreditations for Conformity Assessment (International)**

| Country/Region | Accreditation Body | Scope | Note |
|---|---|---|---|
| USA | **A2LA (Certificate No.: 4243.01)** | FCC ID \ DOC \ VOC | 1 |
| Canada | | IC ID \ VOC | 2 |
| Japan | | MIC-T \ MIC-R | - |
| Europe | | EMCD \ RED | - |
| Taiwan | | NCC | - |
| Hong Kong | | OFCA | - |
| Australia | | RCM | - |
| India | **International Services** | WPC | - |
| Thailand | | NTC | - |
| Singapore | | IDA | - |
| Note:<br>1. FCC Designation No.: CN1201. Test Firm Registration No.: 523476.<br>2. IC Canada Registration No.: 7760A | | | |

**B. TCBs and Notify Bodies Recognized Testing Laboratory.**

| Recognized Testing Laboratory of … | Notify body number |
|---|---|
| TUV Rheinland | Optional. |
| Intertek | |
| TUV SUD | |
| SGS | |
| Phoenix Testlab GmbH | 0700 |
| Element Materials Technology Warwick Ltd | 0891 |
| Timco Engineering, Inc. | 1177 |
| Eurofins Product Service GmbH | 0681 |

# 3 Contents

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## 4 Revision History

| Test report No. | Date of Receipt sample | Date of Test | Date of Issue | Purpose | Comment | Approved |
|---|---|---|---|---|---|---|
| WTS17S1093645E | 2017-10-27 | 2017-10-28 to 2017-11-29 | 2018-02-25 | original | - | Valid |
| | | | | | | |

# 5 General Information

## 5.1 General Description of E.U.T.

| | |
|---|---|
| Product: | 4G modem |
| Model(s): | R1 |
| Model Description: | N/A |
| GSM Band(s): | N/A |
| GPRS/EGPRS Class: | N/A |
| WCDMA Band(s): | FDD Band I/II/IV/V/VIII |
| LTE Band(s): | FDD Band 2/4/5/7/17<br>TDD Band 41 |
| Wi-Fi Specification: | N/A |
| Bluetooth Version: | N/A |
| GPS: | N/A |
| NFC: | N/A |
| Hardware Version: | R1 MAIN VA |
| Software Version: | R1_HTSV1.1.005.007.1711130 |
| Highest frequency (Exclude Radio): | 580MHz |
| Storage Location: | Internal Storage |
| Note: | This EUT has two SIM card slots, and two RF module. We found that RF parameters are the same, when we insert the card 1 and card 2. So we usually performed the test under main card slot 1.<br>Main board (Modem 1):<br>The EUT Main board support WCDMA Band I/II/IV/V/VIII, LTE Band 2/4/5/17/41 function. It is intended for speech, Multimedia Message Service (MMS) transmission and 4G free roaming hotspot. It is equipped with Wi-Fi functions. For more information see the following datasheet.<br>Vice board (Modem 2):<br>The EUT Vice board support WCDMA Band I/II/V/VIII, it is intended for system localization. |

## 5.2 Details of E.U.T.

| | |
|---|---|
| Ratings: | DC 12V, 2.0A, charging from adapter<br>(Adapter Input: 100-240V~50/60Hz 0.6A) |
| Adapter: | Manufacture: Shenzhen Fu Jia Electronic Co., Ltd.<br>Model No.: FJ-SW1202000C |

## 5.3 Standards Applicable for Testing

The tests were performed according to following standards:

FCC PART 15, SUBPART B Electronic Code of Federal Regulations- Unintentional Radiators

## 5.4 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test Lab: N/A

Lab address: N/A

Test items: N/A

## 5.5 Abnormalities from Standard Conditions

None.

# 6 Test Summary

| Test Items | Test Requirement | Test Method | Test Result |
|---|---|---|---|
| Power Line Conducted Emission (150kHz to 30MHz) | FCC PART 15, SUBPART B | ANSI C63.4: 2014 | Pass |
| Radiated Emission 30MHz to 1GHz) | FCC PART 15, SUBPART B | ANSI C63.4: 2014 | Pass |
| Radiated Emission (Above 1GHz) | FCC PART 15, SUBPART B | ANSI C63.4: 2014 | Pass |

Remark:

| | |
|---|---|
| Pass | Test item meets the requirement |
| Fail | Test item does not meet the requirement |
| N/A | Test case does not apply to the test object |

# 7 Equipment Used during Test

## 7.1 Equipment List

| Conducted Emissions Test Site 1# | | | | | | |
|---|---|---|---|---|---|---|
| **Item** | **Equipment** | **Manufacturer** | **Model No.** | **Serial No.** | **Last Calibration Date** | **Calibration Due Date** |
| 1. | EMI Test Receiver | R&S | ESCI | 100947 | 2017-09-12 | 2018-09-11 |
| 2. | LISN | R&S | ENV216 | 101215 | 2017-09-12 | 2018-09-11 |
| 3. | Cable | Top | TYPE16(3.5M) | - | 2017-09-12 | 2018-09-11 |
| **Conducted Emissions Test Site 2#** | | | | | | |
| **Item** | **Equipment** | **Manufacturer** | **Model No.** | **Serial No.** | **Last Calibration Date** | **Calibration Due Date** |
| 1. | EMI Test Receiver | R&S | ESCI | 101155 | 2017-09-12 | 2018-09-11 |
| 2. | LISN | SCHWARZBECK | NSLK 8128 | 8128-289 | 2017-09-12 | 2018-09-11 |
| 3. | Limiter | York | MTS-IMP-136 | 261115-001-0024 | 2017-09-12 | 2018-09-11 |
| 4. | Cable | LARGE | RF300 | - | 2017-09-12 | 2018-09-11 |
| **3m Semi-anechoic Chamber for Radiation Emissions Test site 1#** | | | | | | |
| **Item** | **Equipment** | **Manufacturer** | **Model No.** | **Serial No.** | **Last Calibration Date** | **Calibration Due Date** |
| 1 | Spectrum Analyzer | R&S | FSP | 100091 | 2017-04-29 | 2018-04-28 |
| 2 | Active Loop Antenna | Beijing Dazhi | ZN30900A | - | 2017-04-09 | 2018-04-08 |
| 3 | Trilog Broadband Antenna | SCHWARZBECK | VULB9163 | 336 | 2017-04-09 | 2018-04-08 |
| 4 | Coaxial Cable (below 1GHz) | Top | TYPE16(13M) | - | 2017-09-12 | 2018-09-11 |
| 5 | Broad-band Horn Antenna | SCHWARZBECK | BBHA 9120 D | 667 | 2017-04-09 | 2018-04-08 |
| 6 | Broad-band Horn Antenna | SCHWARZBECK | BBHA 9170 | 335 | 2017-04-09 | 2018-04-08 |
| 7 | Broadband Preamplifier | COMPLIANCE DIRECTION | PAP-1G18 | 2004 | 2017-04-13 | 2018-04-12 |
| 8 | Coaxial Cable (above 1GHz) | Top | 1GHz-25GHz | EW02014-7 | 2017-04-13 | 2018-04-12 |
| 9 | Universal Radio Communication Tester | R&S | CMU 200 | 112461 | 2017-04-13 | 2018-04-12 |
| 10 | Smart Antenna | SCHWARZBECK | HA08 | - | 2017-04-09 | 2018-04-08 |
| 11 | Signal Generator | R&S | SMR20 | 100046 | 2017-09-12 | 2018-09-11 |
| 12. | Universal Radio Communication Tester | R&S | CMW 500 | 127818 | 2017-04-13 | 2018-04-12 |
| **3m Semi-anechoic Chamber for Radiation Emissions Test site 2#** | | | | | | |
| **Item** | **Equipment** | **Manufacturer** | **Model No.** | **Serial No** | **Last** | **Calibration** |

| | | | | | Calibration Date | Due Date |
|---|---|---|---|---|---|---|
| 1 | Test Receiver | R&S | ESCI | 101296 | 2017-04-13 | 2018-04-12 |
| 2 | Trilog Broadband Antenna | SCHWARZBECK | VULB9160 | 9160-3325 | 2017-04-09 | 2018-04-08 |
| 3 | Amplifier | Compliance pirection systems inc | PAP-0203 | 22024 | 2017-04-13 | 2018-04-12 |
| 4 | Cable | HUBER+SUHNER | CBL2 | 525178 | 2017-04-13 | 2018-04-12 |

## 7.2 Description of Support Units

| Equipment | Manufacturer | Model No. | Series No. |
|---|---|---|---|
| MacBook Air | APPLE | A1465 | C17KTQDNF5N7 |
| Power Supply | LPS DELTA ELECTRNICS UIANG CO,.LTD | ADP-45GD | - |

## 7.3 Measurement Uncertainty

| Test Item | Frequency Range | Uncertainty | Note |
|---|---|---|---|
| Conduction Emission | 150kHz~30MHz | ±3.64dB | (1) |
| Radiation Emission | 30MHz~1000MHz | ±5.03dB | (1) |
| | 1GHz~18GHz | ±5.47dB | (1) |
| Confidence interval：95%. Confidence factor:k=2 | | | |

# 8 Emission Test Results

## 8.1 Power Line Conducted Emission, 150kHz to 30MHz

Test Requirement ..... : FCC PART 15, SUBPART B

Test Method ..... : ANSI C63.4: 2014

Test Result ..... : Pass

Frequency Range ..... : 150kHz to 30MHz

Class ..... : Class B

Limit ..... :

| Frequency (MHz) | Limit (dBμV) | |
|---|---|---|
| | Quasi-peak | A erage |
| 0.15 to 0.5 | 6 o 6* | 56 to 46* |
| 0.5 to 5 | 56 | 46 |
| 5 to 30 | 60 | 50 |

### 8.1.1 E.U.T. Operation

Operating Environment:

Temperature ..... : 23°C

Humidity ..... : 53.6%RH

Atmospheric Pressure ..... : 101kPa

EUT Operation:

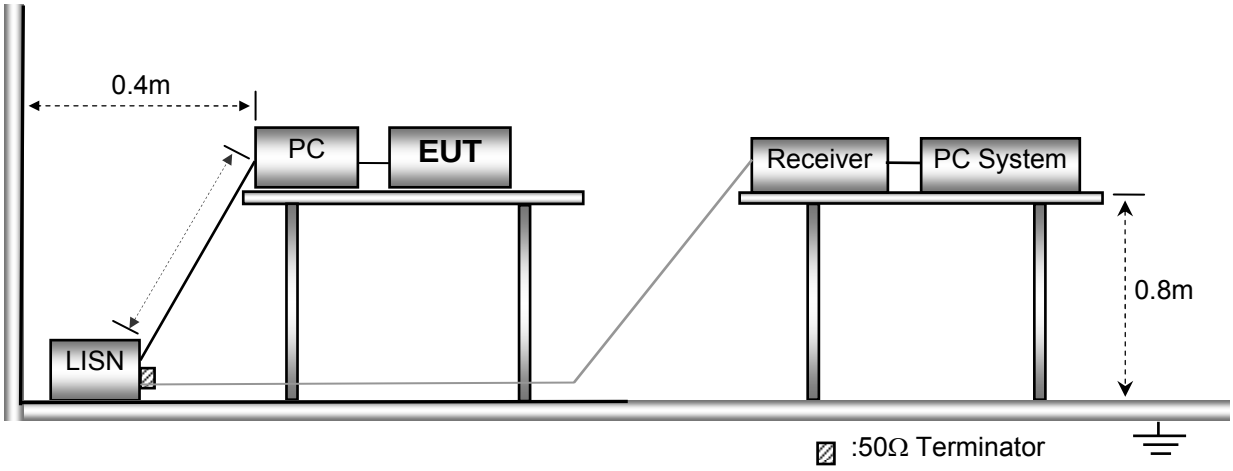
Input Voltage ..... : DC 12V by Adapter

Operating Mode ..... : Data transmitting mode, Adapter mode

Remark ..... : The worse case Data transmitting mode is under the condition of AC 120V/60Hz adapter input and the data is shown as follow.

### 8.1.2 Block Diagram of Test Setup

The Mains Terminals Disturbance Voltage tests were performed in accordance with ANSI C63.4:2014.

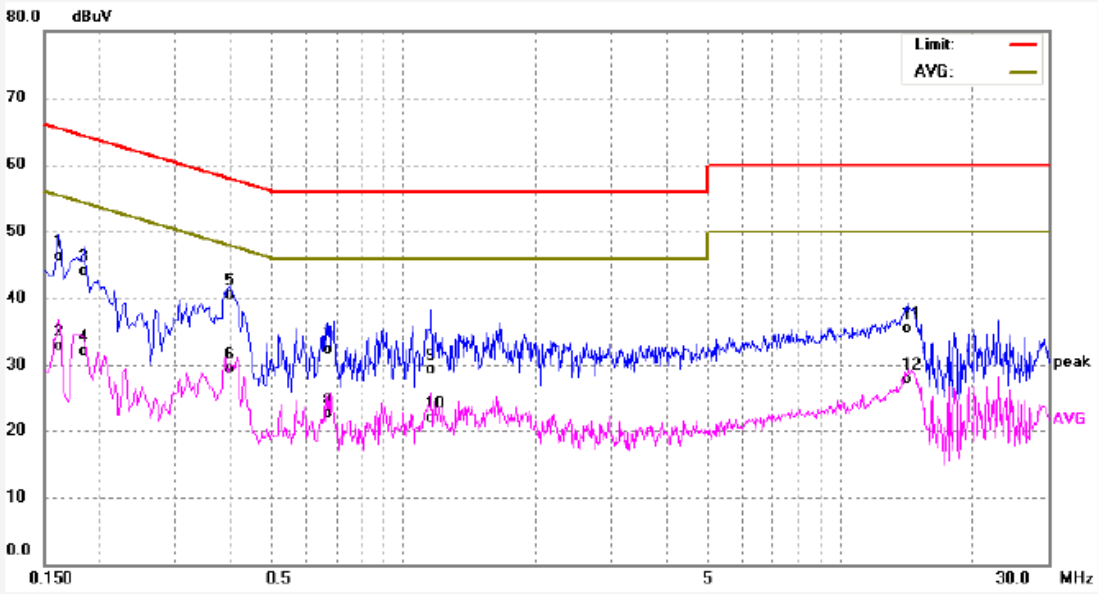


### 8.1.3 Measurement Data

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line. According to the data in below section, the EUT complied with the FCC PART 15, SUBPART B standards.

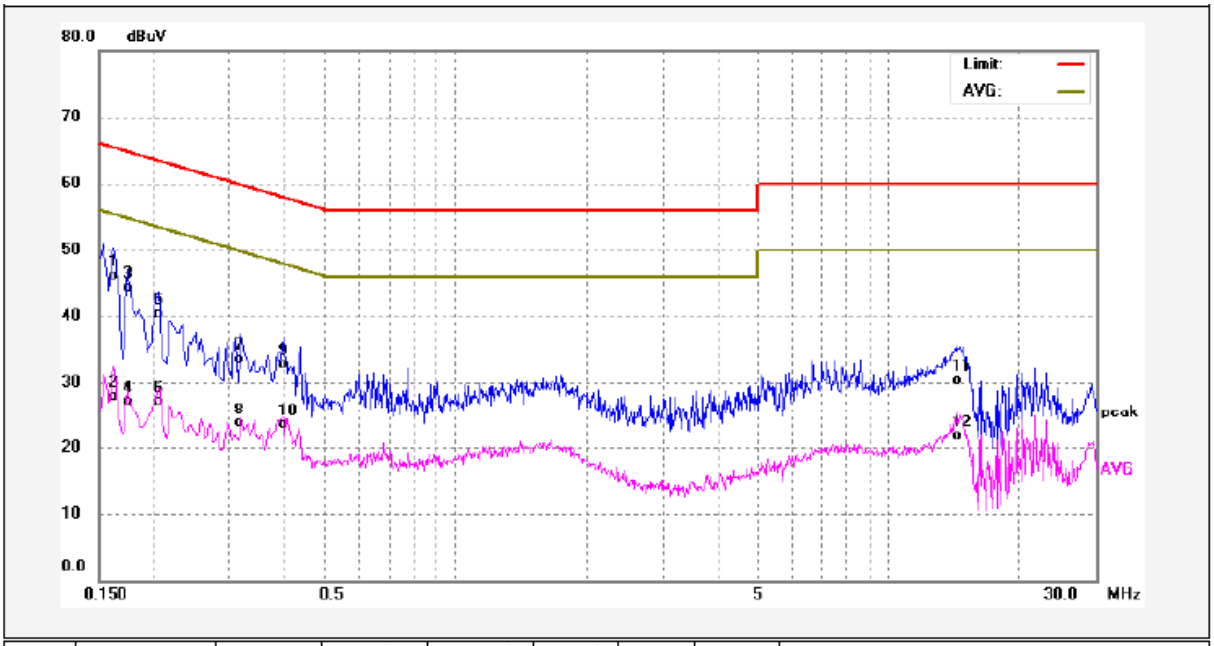
### 8.1.4 Power Line Conducted Emission Test Data

Live Line:




| No. | Freq. (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit dBuV | Margin (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.1620 | 36.42 | 9.94 | 46.36 | 65.36 | -19.00 | QP | |
| 2 | 0.1620 | 22.92 | 9.94 | 32.86 | 55.36 | -22.50 | AVG | |
| 3 | 0.1860 | 34.14 | 9.89 | 44.03 | 64.21 | -20.18 | QP | |
| 4 | 0.1860 | 22.25 | 9.89 | 32.14 | 54.21 | -22.07 | AVG | |
| 5 | 0.3980 | 30.43 | 10.03 | 40.46 | 57.89 | -17.43 | QP | |
| 6 | 0.3980 | 19.55 | 10.03 | 29.58 | 47.89 | -18.31 | AVG | |
| 7 | 0.6700 | 22.15 | 10.10 | 32.25 | 56.00 | -23.75 | QP | |
| 8 | 0.6700 | 12.36 | 10.10 | 22.46 | 46.00 | -23.54 | AVG | |
| 9 | 1.1580 | 18.91 | 10.35 | 29.26 | 56.00 | -26.74 | QP | |
| 10 | 1.1580 | 11.54 | 10.35 | 21.89 | 46.00 | -24.11 | AVG | |
| 11 | 14.2500 | 25.15 | 10.38 | 35.53 | 60.00 | -24.47 | QP | |
| 12 | 14.2500 | 17.57 | 10.38 | 27.95 | 50.00 | -22.05 | AVG | |

Neutral Line:




| No. | Freq. (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit dBuV | Margin (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.1620 | 36.23 | 9.94 | 46.17 | 65.36 | -19.19 | QP | |
| 2 | 0.1620 | 17.98 | 9.94 | 27.92 | 55.36 | -27.44 | AVG | |
| 3 | 0.1758 | 34.52 | 9.87 | 44.39 | 64.68 | -20.29 | QP | |
| 4 | 0.1758 | 17.30 | 9.87 | 27.17 | 54.68 | -27.51 | AVG | |
| 5 | 0.2060 | 30.30 | 9.93 | 40.23 | 63.36 | -23.13 | QP | |
| 6 | 0.2060 | 17.12 | 9.93 | 27.05 | 53.36 | -26.31 | AVG | |
| 7 | 0.3180 | 23.49 | 10.01 | 33.50 | 59.76 | -26.26 | QP | |
| 8 | 0.3180 | 13.60 | 10.01 | 23.61 | 49.76 | -26.15 | AVG | |
| 9 | 0.3980 | 22.76 | 10.03 | 32.79 | 57.89 | -25.10 | QP | |
| 10 | 0.3980 | 13.53 | 10.03 | 23.56 | 47.89 | -24.33 | AVG | |
| 11 | 14.3340 | 19.94 | 10.38 | 30.32 | 60.00 | -29.68 | QP | |
| 12 | 14.3340 | 11.37 | 10.38 | 21.75 | 50.00 | -28.25 | AVG | |

## 8.2 Radiation Emission, 30MHz to 1000MHz

Test Requirement ..... : FCC PART 15, SUBPART B

Test Method ..... : ANSI C63.4: 2014

Test Result ..... : Pass

Frequency Range ..... : 30MHz to 1000MHz

Class. : Class B

Limit..... :

| Frequency (MHz) | Distance (Meter) | Limit (dBμV/m) |
|---|---|---|
| | | Quasi-peak |
| 30 to 88 | 3 | 40 |
| 88 to 216 | 3 | 43.5 |
| 216 to 960 | 3 | 46 |
| 960 to 1000 | 3 | 54 |

### 8.2.1 E.U.T. Operation

Operating Environment:

Temperature ..... : 22.5°C

Humidity ..... : 52.6%RH

Atmospheric Pressure ..... : 101.2kPa

EUT Operation:

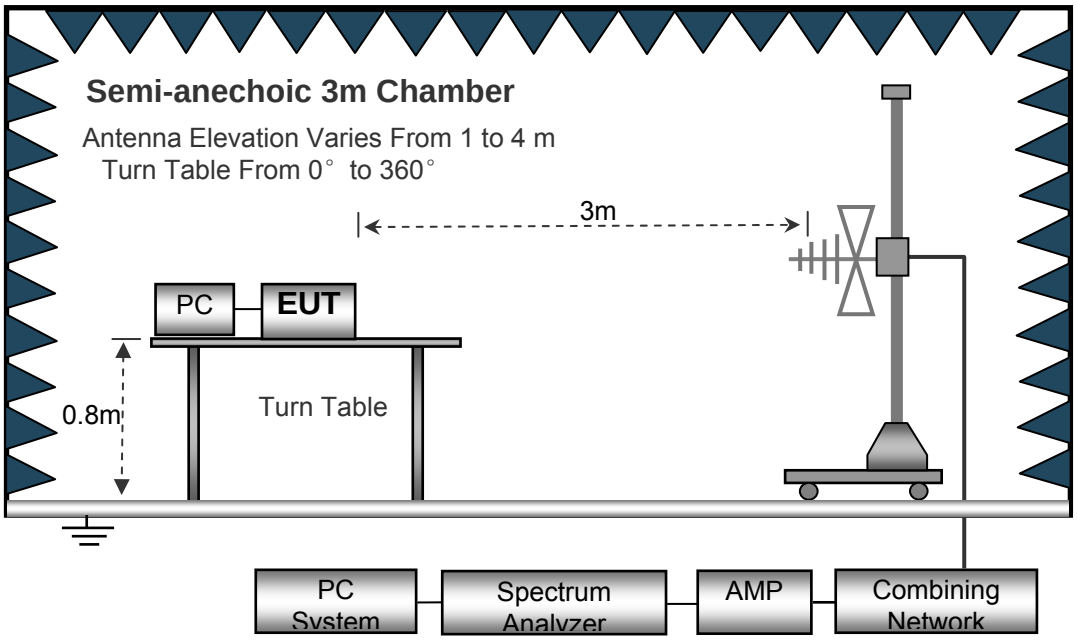
Input Voltage..... : DC 12V by Adapter

Operating Mode ..... : Data transmitting with PC mode, Adapter mode

Remark ..... : The worse case Data transmitting with PC mode is under the condition of AC 120V/60Hz adapter input and the data is shown as follow.

### 8.2.2 Block Diagram of Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.4: 2014.

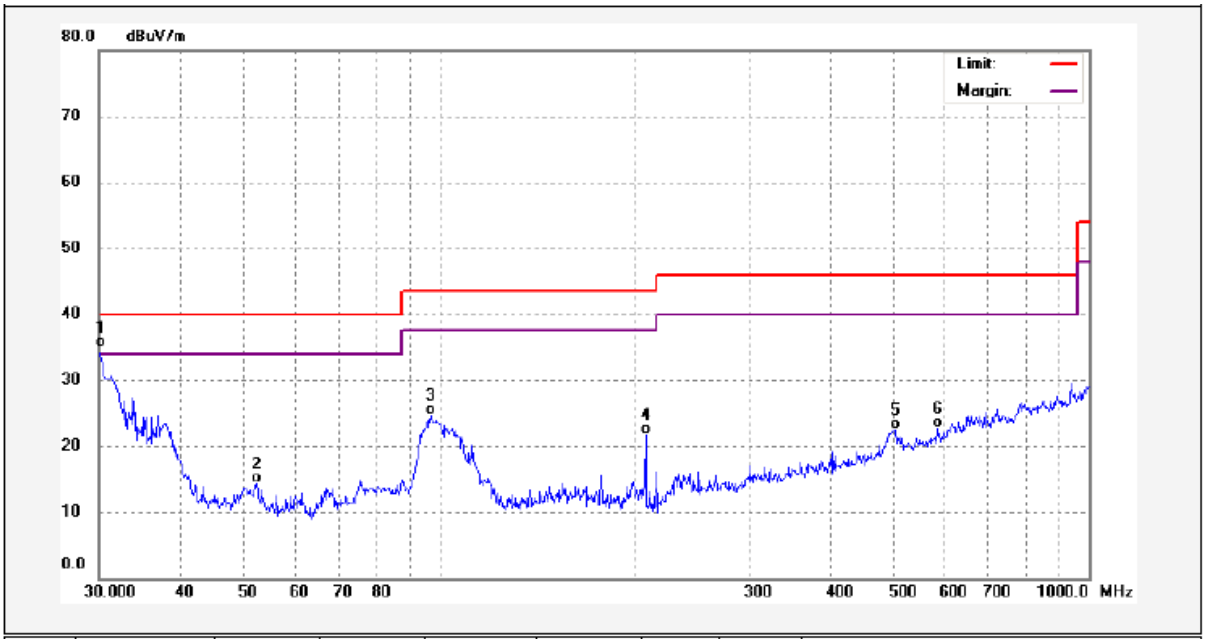


### 8.2.3 Measurement Data

The maximised peak emissions from the EUT was scanned and measured for both the Antenna Vertical Polarization and Antenna Horizontal Polarization. Quasi-peak measurements were performed if peak emissions were within 6dB of the Quasi-peak limit line.

### 8.2.4 Radiated Emission Test Data, 30MHz to 1000MHz

Antenna Polarization: Vertical

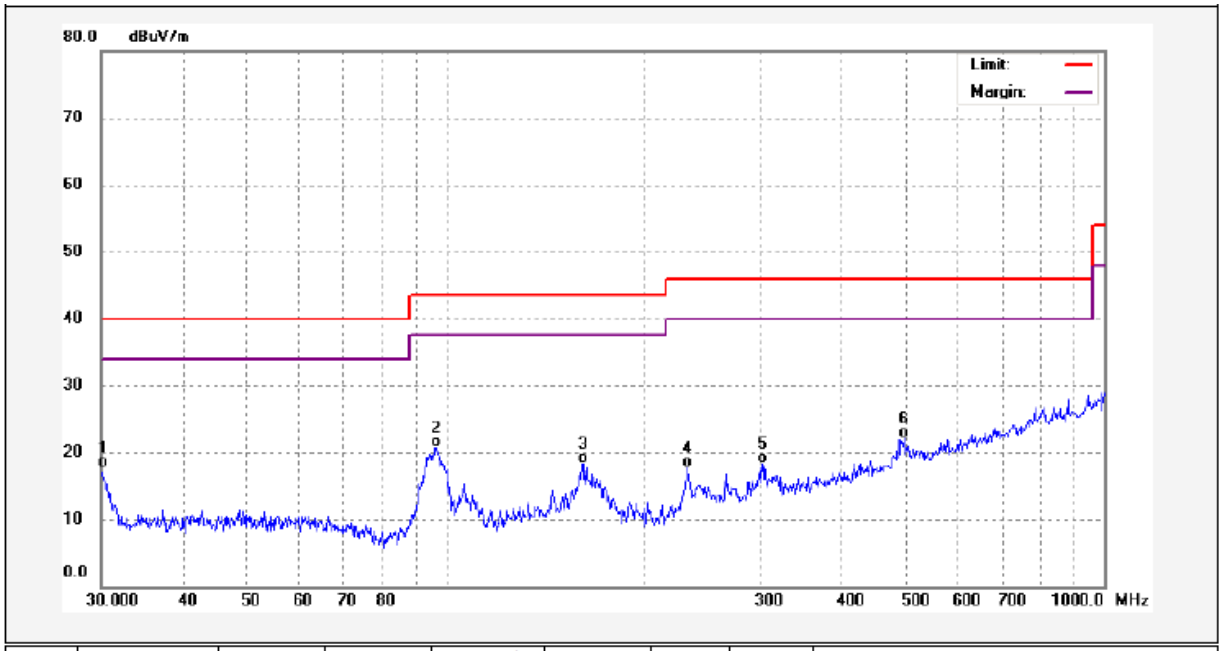



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 52.13 | -17.15 | 34.98 | 40.00 | -5.02 | QP | |
| 2 | 52.3912 | 31.17 | -16.91 | 14.26 | 40.00 | -25.74 | QP | |
| 3 | 97.1148 | 43.51 | -18.88 | 24.63 | 43.50 | -18.87 | QP | |
| 4 | 207.8501 | 38.90 | -17.23 | 21.67 | 43.50 | -21.83 | QP | |
| 5 | 502.9395 | 31.01 | -8.50 | 22.51 | 46.00 | -23.49 | QP | |
| 6 | 584.7895 | 30.02 | -7.29 | 22.73 | 46.00 | -23.27 | QP | |

Factor= antenna factor + cable loss - preamplifier factor

Result = Reading + Factor

Antenna Polarization: Horizontal




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 34.92 | -17.15 | 17.77 | 40.00 | -22.23 | QP | |
| 2 | 96.7749 | 39.58 | -18.90 | 20.68 | 43.50 | -22.82 | QP | |
| 3 | 162.0414 | 33.16 | -14.82 | 18.34 | 43.50 | -25.16 | QP | |
| 4 | 233.3487 | 33.24 | -15.55 | 17.69 | 46.00 | -28.31 | QP | |
| 5 | 302.4812 | 32.10 | -13.75 | 18.35 | 46.00 | -27.65 | QP | |
| 6 | 495.9344 | 30.79 | -8.67 | 22.12 | 46.00 | -23.88 | QP | |

Factor= antenna factor + cable loss - preamplifier factor

Result = Reading + Factor

## 8.3 Radiation Emission, Above 1000MHz

Test Requirement ..... : FCC PART 15, SUBPART B

Test Method ..... : ANSI C63.4: 2014

Test Result..... : Pass

Frequency Range ..... : 1GHz~18GHz

Class. : Class B

Limit. ..... :

| Frequency Range (MHz) | Distance (Meter) | Average Limit dB(uV/m) | Peak Limit (dBuV/m) |
|---|---|---|---|
| Above 1GHz | 3 | 54 | 74 |

### 8.3.1 E.U.T. Operation

Operating Environment:

Temperature..... : 22.4°C

Humidity ..... : 52.3%RH

Atmospheric Pressure..... : 101.3kPa

EUT Operation:

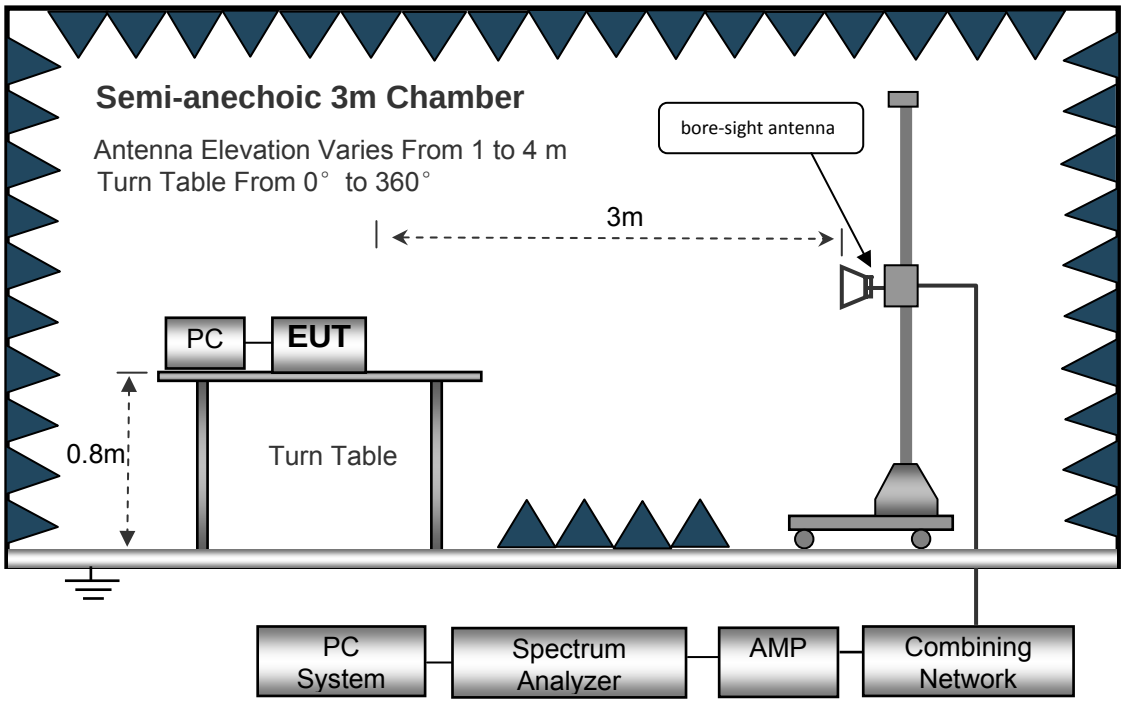
Input Voltage ..... : DC 12V by Adapter

Operating Mode ..... : Data transmitting with PC mode, Adapter mode

Remark..... : The worse case Data transmitting mode is under the condition of AC 120V/60Hz adapter input and the data is shown as follow.

### 8.3.2 Block Diagram of Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.4:2014.

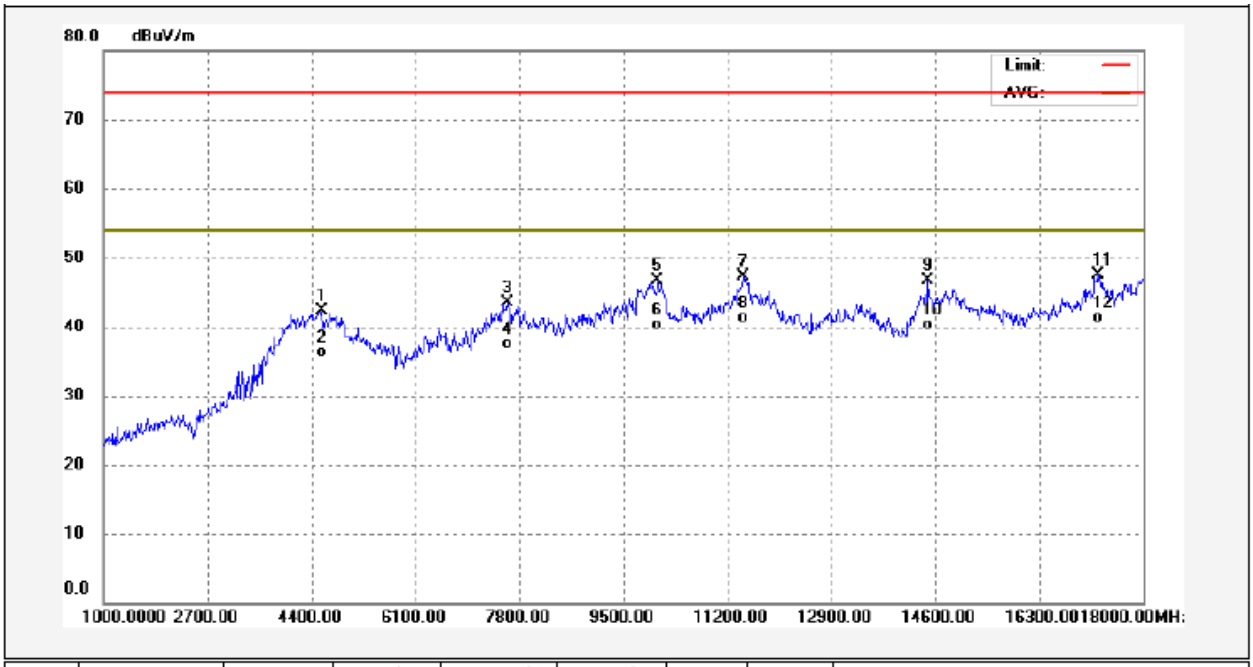


### 8.3.3 Measurement Data

The maximised peak emissions from the EUT was scanned and measured for both the Antenna Vertical Polarization and Antenna Horizontal Polarization. Average measurements were performed if peak emissions were within 6dB of the average limit line.

### 8.3.4 Radiated Emission Test Data, Above 1000MHz

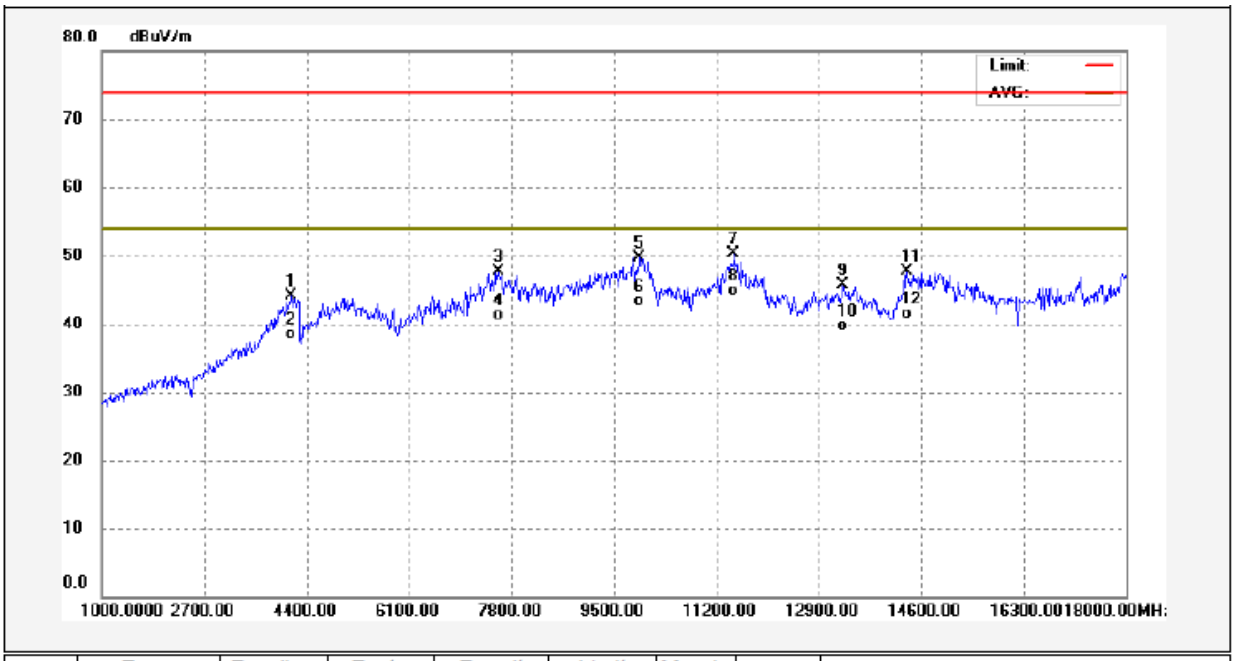
Antenna Polarization: Vertical




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 4570.000 | 45.08 | -2.73 | 42.35 | 74.00 | -31.65 | peak | |
| 2 | 4570.000 | 39.05 | -2.73 | 36.32 | 54.00 | -17.68 | AVG | |
| 3 | 7596.000 | 40.14 | 3.43 | 43.57 | 74.00 | -30.43 | peak | |
| 4 | 7596.000 | 34.09 | 3.43 | 37.52 | 54.00 | -16.48 | AVG | |
| 5 | 10061.000 | 40.05 | 6.61 | 46.66 | 74.00 | -27.34 | peak | |
| 6 | 10061.000 | 33.60 | 6.61 | 40.21 | 54.00 | -13.79 | AVG | |
| 7 | 11455.000 | 38.35 | 9.01 | 47.36 | 74.00 | -26.64 | peak | |
| 8 | 11455.000 | 32.22 | 9.01 | 41.23 | 54.00 | -12.77 | AVG | |
| 9 | 14481.000 | 37.19 | 9.47 | 46.66 | 74.00 | -27.34 | peak | |
| 10 | 14481.000 | 30.89 | 9.47 | 40.36 | 54.00 | -13.64 | AVG | |
| 11 | 17252.000 | 34.78 | 12.70 | 47.48 | 74.00 | -26.52 | peak | |
| 12 | 17252.000 | 28.66 | 12.70 | 41.36 | 54.00 | -12.64 | AVG | |

Factor= antenna factor + cable loss - preamplifier factor
Result = Reading + Factor

Antenna Polarization: Horizontal



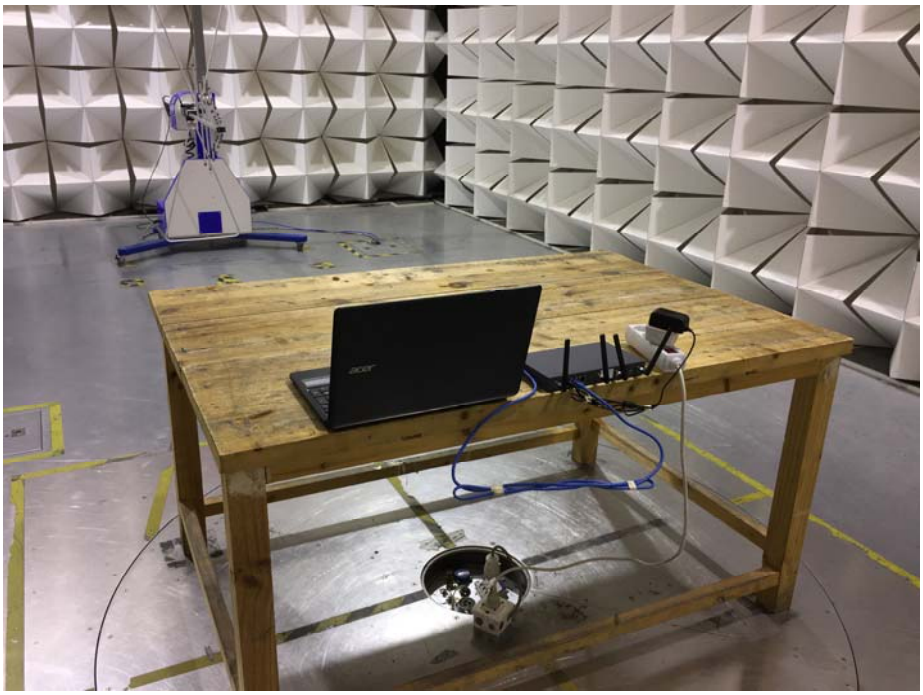

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 4145.000 | 49.38 | -5.25 | 44.13 | 74.00 | -29.87 | peak | |
| 2 | 4145.000 | 43.77 | -5.25 | 38.52 | 54.00 | -15.48 | AVG | |
| 3 | 7579.000 | 44.22 | 3.47 | 47.69 | 74.00 | -26.31 | peak | |
| 4 | 7579.000 | 37.76 | 3.47 | 41.23 | 54.00 | -12.77 | AVG | |
| 5 | 9925.000 | 43.31 | 6.31 | 49.62 | 74.00 | -24.38 | peak | |
| 6 | 9925.000 | 37.01 | 6.31 | 43.32 | 54.00 | -10.68 | AVG | |
| 7 | 11489.000 | 40.99 | 9.23 | 50.22 | 74.00 | -23.78 | peak | |
| 8 | 11489.000 | 35.66 | 9.23 | 44.89 | 54.00 | -9.11 | AVG | |
| 9 | 13291.000 | 39.02 | 6.64 | 45.66 | 74.00 | -28.34 | peak | |
| 10 | 13291.000 | 33.04 | 6.64 | 39.68 | 54.00 | -14.32 | AVG | |
| 11 | 14362.000 | 39.58 | 8.20 | 47.78 | 74.00 | -26.22 | peak | |
| 12 | 14362.000 | 33.37 | 8.20 | 41.57 | 54.00 | -12.43 | AVG | |

Factor= antenna factor + cable loss - preamplifier factor
Result = Reading + Factor

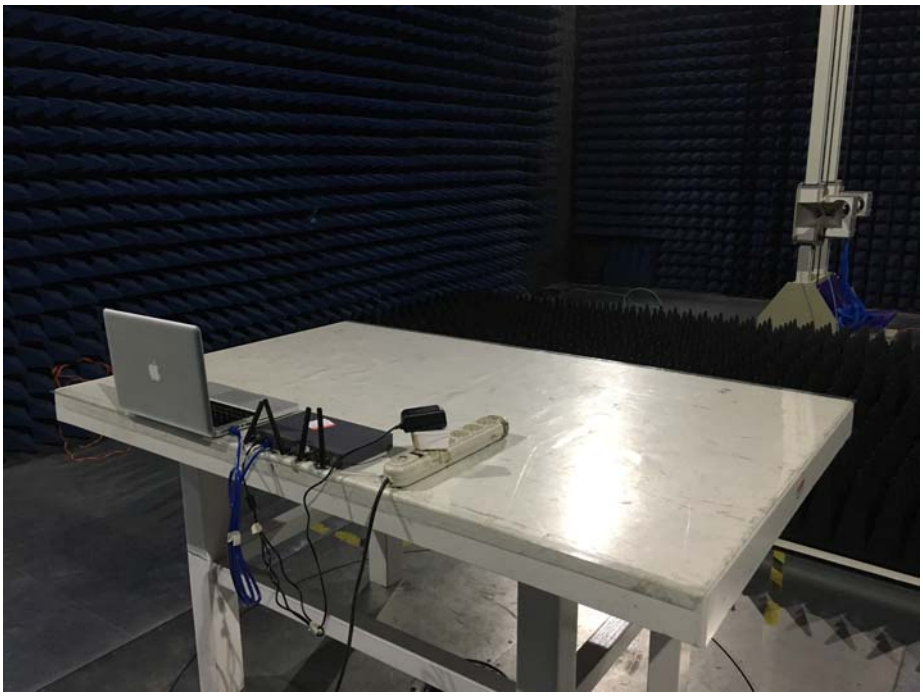
# 9 Photographs – Test Setup FCC ID 2AC88-R1

## 9.1 Photograph –Power Line Conducted Emission Test Setup at Test Site 1#

## 9.2 Photograph – Radiated Emission Test Setup for 30~1000MHz at Test Site 2#



## 9.3 Photograph – Radiated Emission Test Setup for Above 1GHz at Test Site 1#



======End of Report======