

# FCC RF Test Report

## (U-NII)

**Report No.:** JYTSZ-R12-2500225

**Applicant:** TECNO MOBILE LIMITED

**Address of Applicant:** FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE  
19-25 SHAN MEI STREET FOTAN NT HONGKONG

**Equipment Under Test (EUT)**

Product Name: Mobile Phone

Model No.: KM4

Trade Mark: TECNO

**FCC ID:** 2ADYY-KM4

**Applicable Standards:** FCC CFR Title 47 Part 15E (§15.407)

**Date of Sample Receipt:** 28 Feb., 2025

**Date of Test:** 01 Mar., to 01 Apr., 2025

**Date of Report Issued:** 02 Apr., 2025

**Test Result:** PASS

**Tested by:**

*Liwei Wang*  
Project Engineer

**Date:**

*02 Apr., 2025*

**Reviewed by:**

*Liwei Wang*  
Senior Engineer

**Date:**

*02 Apr., 2025*

**Approved by:**

*Jianwei Wei*  
Manager

**Date:**

*02 Apr., 2025*

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

## 1 Version

| Version No. | Date          | Description |
|-------------|---------------|-------------|
| 00          | 02 Apr., 2025 | Original    |
|             |               |             |
|             |               |             |
|             |               |             |
|             |               |             |

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## 3 General Information

### 3.1 Client Information

|               |                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| Applicant:    | TECNO MOBILE LIMITED                                                                                                   |
| Address:      | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG                                |
| Manufacturer: | TECNO MOBILE LIMITED                                                                                                   |
| Address:      | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG                                |
| Factory:      | SHENZHEN TECNO TECHNOLOGY CO., LTD.                                                                                    |
| Address:      | 101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China |

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

|                                                  |                                                                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:                                    | Mobile Phone                                                                                                                                                                                       |
| Model No.:                                       | KM4                                                                                                                                                                                                |
| Operation Frequency:                             | Band 1: 5150 MHz - 5250 MHz                                                                                                                                                                        |
|                                                  | Band 2: 5250 MHz - 5350 MHz                                                                                                                                                                        |
|                                                  | Band 3: 5470 MHz - 5725 MHz                                                                                                                                                                        |
|                                                  | Band 4: 5725 MHz - 5850 MHz                                                                                                                                                                        |
| Channel Numbers:                                 | Band 1, 2: 4 , Band 3: 11, Band 4: 5 (802.11a, n-HT20, ac-VHT20)                                                                                                                                   |
|                                                  | Band 1, 2, 4: 2 , Band 3: 5 (802.11n-HT40, ac-VHT40)                                                                                                                                               |
|                                                  | Band 1, 2, 4: 1 , Band 3: 2 (802.11ac-VHT80)                                                                                                                                                       |
| Modulation Technology:<br>(IEEE 802.11a/802.11n) | OFDM-BPSK, QPSK, 16QAM, 64QAM                                                                                                                                                                      |
| Modulation Technology:<br>(IEEE 802.11ac)        | OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM                                                                                                                                                              |
| Antenna Type:                                    | Internal Antenna                                                                                                                                                                                   |
| Antenna Gain:                                    | 0.08 dBi (declare by applicant)                                                                                                                                                                    |
| Antenna Transmit Mode:                           | SISO (1TX, 1RX)                                                                                                                                                                                    |
| Power Supply:                                    | Rechargeable Li-ion Polymer Battery DC3.85V, 4900mAh                                                                                                                                               |
| AC Adapter:                                      | Adapter 1:<br>Model: U100TSA<br>Input: AC100-240V, 50/60Hz, 0.3A<br>Output: DC 5.0V, 2.0A 10.0W<br>Adapter 2:<br>Model: U100TSB<br>Input: AC100-240V, 50/60Hz, 0.3A<br>Output: DC 5.0V, 2.0A 10.0W |
| Test Sample Condition:                           | The test samples were provided in good working order with no visible defects.                                                                                                                      |

## 3.3 Test Mode and Environment

| <b>Test Mode:</b>                                                                                                                                                                                                                                  |                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Transmitting mode:                                                                                                                                                                                                                                 | Keep the EUT in continuous transmitting with modulation            |
| <b>Per-scan all kind of data rate, the follow list were the worst case:</b>                                                                                                                                                                        |                                                                    |
| Mode                                                                                                                                                                                                                                               | Data rate                                                          |
| 802.11a                                                                                                                                                                                                                                            | 6.0 Mbps                                                           |
| 802.11n-HT20                                                                                                                                                                                                                                       | 6.5 Mbps                                                           |
| 802.11n-HT40                                                                                                                                                                                                                                       | 13.5 Mbps                                                          |
| 802.11ac-VHT20                                                                                                                                                                                                                                     | 6.5 Mbps                                                           |
| 802.11ac-VHT40                                                                                                                                                                                                                                     | 13.5 Mbps                                                          |
| 802.11ac-VHT80                                                                                                                                                                                                                                     | 29.3 Mbps                                                          |
| <b>Remark:</b> For AC power line conducted emission and radiated spurious emission (below 1GHz), pre-scan 802.11a, n, ac modulation mode, found 802.11a modulation mode was worse case mode. The report only reflects the test data of worst mode. |                                                                    |
| <b>Operating Environment:</b>                                                                                                                                                                                                                      |                                                                    |
| Temperature:                                                                                                                                                                                                                                       | 15℃ ~ 35℃                                                          |
| Humidity:                                                                                                                                                                                                                                          | 20 % ~ 75 % RH                                                     |
| Atmospheric Pressure:                                                                                                                                                                                                                              | 1008 mbar                                                          |
| Voltage:                                                                                                                                                                                                                                           | Nominal: 3.85Vdc, Extreme: Low 3.45Vdc, High 4.40Vdc               |
| Test Engineer:                                                                                                                                                                                                                                     | Li Huang(Conducted measurement)<br>Real Chen(Radiated measurement) |

## 3.4 Description of Test Auxiliary Equipment

|                                                 |
|-------------------------------------------------|
| The EUT has been tested as an independent unit. |
|-------------------------------------------------|

## 3.5 Measurement Uncertainty

| Parameter                                                                                                                                                                                                                                                                                                            | Expanded Uncertainty<br>(Confidence of 95%(U = 2Uc(y))) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Conducted Emission for LISN (9kHz ~ 150kHz)                                                                                                                                                                                                                                                                          | ±3.0 dB                                                 |
| Conducted Emission for LISN (150kHz ~ 30MHz)                                                                                                                                                                                                                                                                         | ±2.4 dB                                                 |
| Radiated Emission (30MHz ~ 200MHz) (3m SAC)                                                                                                                                                                                                                                                                          | ±4.6 dB                                                 |
| Radiated Emission (200MHz ~ 1000MHz) (3m SAC)                                                                                                                                                                                                                                                                        | ±5.8 dB                                                 |
| Radiated Emission (1GHz ~ 18GHz) (3m FAR)                                                                                                                                                                                                                                                                            | 5.15 dB                                                 |
| Radiated Emission (18GHz ~ 40GHz) (3m FAR)                                                                                                                                                                                                                                                                           | 5.30 dB                                                 |
| <b>Note:</b> All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance. |                                                         |

## 3.6 Additions to, Deviations, or Exclusions from the Method

|    |
|----|
| No |
|----|

## 3.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

## 3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

## 3.9 Test Instruments List

| Radiated Emission(3m SAC):   |                 |                |                  |                      |                          |
|------------------------------|-----------------|----------------|------------------|----------------------|--------------------------|
| Test Equipment               | Manufacturer    | Model No.      | Manage No.       | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 3m SAC                       | ETS             | 9m*6m*6m       | WXJ001-1         | 04-14-2021           | 04-13-2026               |
| Loop Antenna                 | Schwarzbeck     | FMZB 1519 B    | WXJ002-4         | 01-03-2025           | 01-02-2026               |
| BiConiLog Antenna            | Schwarzbeck     | VULB9163       | WXJ002           | 01-03-2025           | 01-02-2026               |
| Pre-amplifier (30MHz ~ 1GHz) | Schwarzbeck     | BBV9743B       | WXJ001-2         | 12-16-2024           | 12-15-2025               |
| EMI Test Receiver            | Rohde & Schwarz | ESRP7          | WXJ003-1         | 12-16-2024           | 12-15-2025               |
| Coaxial Cable (30MHz ~ 1GHz) | JYTSZ           | JYT3M-1G-NN-8M | WXG001-4         | 01-15-2025           | 01-14-2026               |
| Test Software                | Tonscend        | TS+            | Version: 3.0.0.1 |                      |                          |

| Radiated Emission(3m FAR):    |                 |                 |                |                      |                          |
|-------------------------------|-----------------|-----------------|----------------|----------------------|--------------------------|
| Test Equipment                | Manufacturer    | Model No.       | Manage No.     | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 3m FAR                        | YUNYI           | 9m*6m*6m        | WXJ097         | 06-15-2023           | 06-14-2028               |
| BiConiLog Antenna             | Schwarzbeck     | VULB9163        | WXJ097-2       | 07-01-2024           | 06-30-2025               |
| Biconical Antenna             | Schwarzbeck     | VUBA9117        | WXJ002-1       | 07-01-2024           | 06-30-2027               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ097-3       | 06-16-2024           | 06-15-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ002-3       | 12-25-2024           | 12-24-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-5       | 12-25-2024           | 12-24-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-6       | 12-25-2024           | 12-24-2025               |
| Pre-amplifier (30MHz ~ 1GHz)  | YUNYI           | PAM-310N        | WXJ097-5       | 04-24-2024           | 04-23-2025               |
| Pre-amplifier (1GHz ~ 18GHz)  | YUNYI           | PAM-118N        | WXJ097-6       | 04-24-2024           | 04-23-2025               |
| Pre-amplifier (18GHz ~ 40GHz) | RF System       | TRLA-180400G45B | WXJ002-7       | 12-16-2024           | 12-15-2025               |
| EMI Test Receiver             | Rohde & Schwarz | ESCI3           | WXJ003         | 12-16-2024           | 12-15-2025               |
| Spectrum Analyzer             | Rohde & Schwarz | FSP 30          | WXJ004         | 12-16-2024           | 12-15-2025               |
| Spectrum Analyzer             | KEYSIGHT        | N9020B          | WXJ081-1       | 06-11-2024           | 06-10-2025               |
| Coaxial Cable (30MHz ~ 1GHz)  | JYTSZ           | JYT3M-1G-NN-13M | WXG097-1       | 07-30-2024           | 07-29-2025               |
| Coaxial Cable (1GHz ~ 18GHz)  | JYTSZ           | JYT3M-18G-NN-8M | WXG097-2       | 07-30-2024           | 07-29-2025               |
| Coaxial Cable (18GHz ~ 40GHz) | JYTSZ           | JYT3M-40G-SS-8M | WXG097-3       | 07-30-2024           | 07-29-2025               |
| High Band Reject Filter Group | Tonscend        | JS0806-F        | WXJ089         | N/A                  |                          |
| Low Band Reject Filter Group  | Tonscend        | JS0806-F        | WXJ097-4       | N/A                  |                          |
| Test Software                 | Tonscend        | TS+             | Version: 5.0.0 |                      |                          |

| Conducted Emission:               |                 |                |                    |                      |                          |
|-----------------------------------|-----------------|----------------|--------------------|----------------------|--------------------------|
| Test Equipment                    | Manufacturer    | Model No.      | Manage No.         | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| EMI Test Receiver                 | Rohde & Schwarz | ESR3           | WXJ003-2           | 06-11-2024           | 06-10-2025               |
| LISN                              | Schwarzbeck     | NSLK 8127      | QCJ001-13          | 12-17-2024           | 12-16-2025               |
| LISN                              | Rohde & Schwarz | ESH3-Z5        | WXJ005-1           | 12-17-2024           | 12-16-2025               |
| LISN Coaxial Cable (9kHz ~ 30MHz) | JYTSZ           | JYTCE-1G-NN-2M | WXG003-1           | 01-15-2025           | 01-14-2026               |
| RF Switch                         | TOP PRECISION   | RSU0301        | WXG003             | N/A                  |                          |
| Test Software                     | AUDIX           | E3             | Version: 6.110919b |                      |                          |

| Conducted Method:            |               |            |                  |                      |                          |
|------------------------------|---------------|------------|------------------|----------------------|--------------------------|
| Test Equipment               | Manufacturer  | Model No.  | Manage No.       | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| Spectrum Analyzer            | Keysight      | N9010B     | WXJ004-3         | 09-10-2024           | 09-09-2025               |
| Temperature Humidity Chamber | ZHONG ZHI     | CZ-A-80D   | WXJ032-3         | 12-17-2024           | 12-16-2026               |
| Power Detector Box           | MWRFTTEST     | MW100-PSB  | WXJ007-4         | 09-10-2024           | 09-09-2025               |
| RF Control Unit              | MWRFTTEST     | MW100-RFCB | WXG006           | N/A                  |                          |
| RF Switch                    | TOP PRECISION | RSU0301    | WXG003           | N/A                  |                          |
| DC Power Supply              | Keysight      | E3642A     | WXJ025-2         | N/A                  |                          |
| Test Software                | MWRFTTEST     | MTS 8310   | Version: 2.0.0.0 |                      |                          |

## 4 Measurement Setup and Procedure

### 4.1 Test Channel

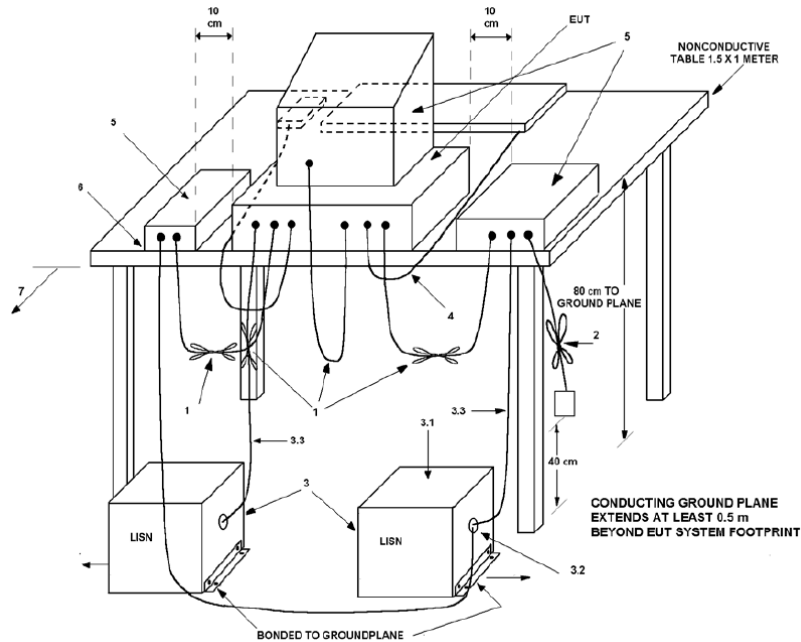
According to ANSI C63.10-2013 chapter 5.6.1 Table 4 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

| Operation frequency: 5150 MHz – 5250 MHz |                |                 |                |                 |                 |                 |
|------------------------------------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|
| Modulation mode                          | Lowest channel |                 | Middle channel |                 | Highest channel |                 |
|                                          | Channel No.    | Frequency (MHz) | Channel No.    | Frequency (MHz) | Channel No.     | Frequency (MHz) |
| 802.11a, n-HT20, ac-VHT20                | 36             | 5180            | 40             | 5200            | 48              | 5240            |
| 802.11n-HT40, ac-VHT40                   | 38             | 5190            | /              | /               | 46              | 5230            |
| 802.11ac-VHT80                           | /              | /               | 42             | 5210            | /               | /               |
| Operation frequency: 5250 MHz – 5350 MHz |                |                 |                |                 |                 |                 |
| Modulation mode                          | Lowest channel |                 | Middle channel |                 | Highest channel |                 |
|                                          | Channel No.    | Frequency (MHz) | Channel No.    | Frequency (MHz) | Channel No.     | Frequency (MHz) |
| 802.11a, n-HT20, ac-VHT20                | 52             | 5260            | 56             | 5280            | 64              | 5320            |
| 802.11n-HT40, ac-VHT40                   | 54             | 5270            | /              | /               | 62              | 5310            |
| 802.11ac-VHT80                           | /              | /               | 58             | 5290            | /               | /               |
| Operation frequency: 5470 MHz – 5725 MHz |                |                 |                |                 |                 |                 |
| Modulation mode                          | Lowest channel |                 | Middle channel |                 | Highest channel |                 |
|                                          | Channel No.    | Frequency (MHz) | Channel No.    | Frequency (MHz) | Channel No.     | Frequency (MHz) |
| 802.11a, n-HT20, ac-VHT20                | 100            | 5500            | 112            | 5560            | 140             | 5700            |
| 802.11n-HT40, ac-VHT40                   | 102            | 5510            | 118            | 5590            | 134             | 5670            |
| 802.11ac-VHT80                           | 106            | 5530            | /              | /               | 122             | 5610            |
| Operation frequency: 5725 MHz – 5850 MHz |                |                 |                |                 |                 |                 |
| Modulation mode                          | Lowest channel |                 | Middle channel |                 | Highest channel |                 |
|                                          | Channel No.    | Frequency (MHz) | Channel No.    | Frequency (MHz) | Channel No.     | Frequency (MHz) |
| 802.11a, n-HT20, ac-VHT20                | 149            | 5745            | 157            | 5785            | 165             | 5825            |
| 802.11n-HT40, ac-VHT40                   | 151            | 5755            | /              | /               | 159             | 5795            |
| 802.11ac-VHT80                           | /              | /               | 155            | 5775            | /               | /               |



## 4.2 Test Setup

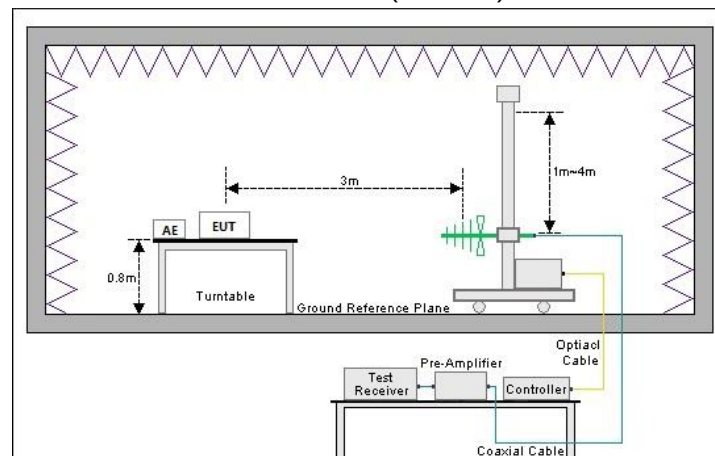
### 1) Conducted emission measurement:



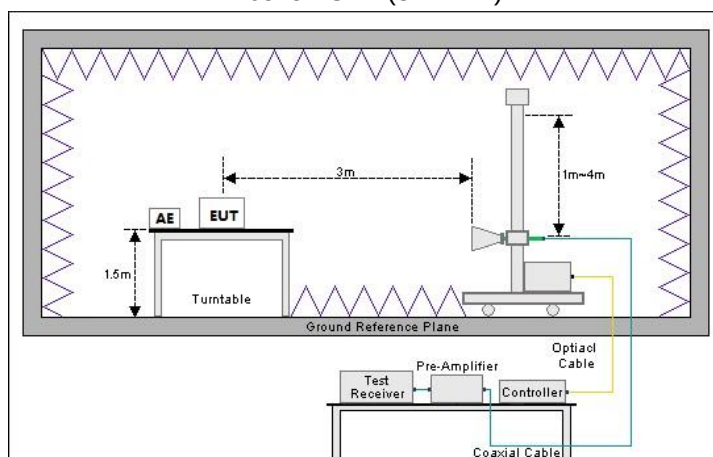
**Note:** The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

### 2) Radiated emission measurement:

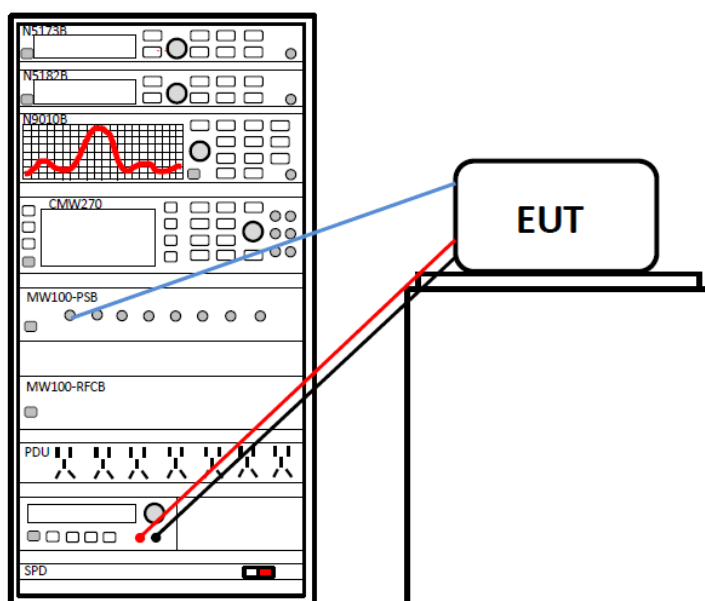
Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



### 3) Conducted test method



## 4.3 Test Procedure

| Test method           | Test step                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conducted emission    | <ol style="list-style-type: none"> <li>1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).</li> <li>3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Radiated emission     | <p><b>For below 1GHz:</b></p> <ol style="list-style-type: none"> <li>1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.</li> <li>2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y &amp; Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.</li> <li>3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.</li> </ol> <p><b>For above 1GHz:</b></p> <ol style="list-style-type: none"> <li>1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m.</li> <li>2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y &amp; Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.</li> <li>3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.</li> </ol> |
| Conducted test method | <ol style="list-style-type: none"> <li>1. The Wi-Fi antenna port of EUT was connected to the test port of the test system through an RF cable.</li> <li>2. The EUT is keeping in continuous transmission mode and tested in all modulation modes.</li> <li>3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## 5 Test Results

### 5.1 Summary

#### 5.1.1 Clause and Data Summary

| Test items                                                                                                                                                                                                                                                   | Standard clause                                                                   | Test data                                                                                        | Result |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------|
| Antenna Requirement                                                                                                                                                                                                                                          | 15.203                                                                            | See Section 5.2                                                                                  | Pass   |
| AC Power Line Conducted Emission                                                                                                                                                                                                                             | 15.207<br>15.407 (b)(9)                                                           | See Section 5.3                                                                                  | Pass   |
| Duty Cycle                                                                                                                                                                                                                                                   | ANSI C63.10-2013                                                                  | Appendix – 5.2G Wi-Fi<br>Appendix – 5.3G Wi-Fi<br>Appendix – 5.6G Wi-Fi<br>Appendix – 5.8G Wi-Fi | Pass   |
| Conducted Peak Output Power<br>Power Spectral Density                                                                                                                                                                                                        | 15.407 (a)(1)(iv), (a)(2),<br>(a)(3)(i)                                           | Appendix – 5.2G Wi-Fi<br>Appendix – 5.3G Wi-Fi<br>Appendix – 5.6G Wi-Fi<br>Appendix – 5.8G Wi-Fi | Pass   |
| 26dB Emission Bandwidth<br>99% Occupied Bandwidth                                                                                                                                                                                                            | 15.407 (a)(12)                                                                    | Appendix – 5.2G Wi-Fi<br>Appendix – 5.3G Wi-Fi<br>Appendix – 5.6G Wi-Fi<br>Appendix – 5.8G Wi-Fi | Pass   |
| 6dB Emission Bandwidth                                                                                                                                                                                                                                       | 15.407 (e)                                                                        | Appendix – 5.2G Wi-Fi<br>Appendix – 5.3G Wi-Fi<br>Appendix – 5.6G Wi-Fi<br>Appendix – 5.8G Wi-Fi | Pass   |
| Unwanted Emissions                                                                                                                                                                                                                                           | 15.205<br>15.209<br>15.407 (b)(1), (2), (3), (4),<br>(9), (10)                    | See Section 5.4                                                                                  | Pass   |
| Frequency Stability                                                                                                                                                                                                                                          | 15.407 (g)                                                                        | Appendix – 5.2G Wi-Fi<br>Appendix – 5.3G Wi-Fi<br>Appendix – 5.6G Wi-Fi<br>Appendix – 5.8G Wi-Fi | Pass   |
| Dynamic frequency selection                                                                                                                                                                                                                                  | 15.407 (h)(2)                                                                     | See DFS Report:<br>JYTSZ-R12-2500226                                                             | Pass   |
| <b>Remark:</b><br>1. Pass: The EUT complies with the essential requirements in the standard.<br>2. N/A: Not Applicable.<br>3. The cable insertion loss used by “RF Output Power” and other conduction measurement items is 1.0dB (provided by the customer). |                                                                                   |                                                                                                  |        |
| <b>Test Method:</b>                                                                                                                                                                                                                                          | ANSI C63.10-2013<br>KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 |                                                                                                  |        |

## 5.1.2 Test Limit

| Test items                                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|--|------------|---------|------------|--------------------------------|--------------------------------|---------|----|----|--------|----|----|
| AC Power Line Conducted Emission                          | <table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBμV)</th></tr><tr><th>Quasi-Peak</th><th>Average</th></tr><tr><td>0.15 – 0.5</td><td>66 to 56 <small>Note 1</small></td><td>56 to 46 <small>Note 1</small></td></tr><tr><td>0.5 – 5</td><td>56</td><td>46</td></tr><tr><td>5 – 30</td><td>60</td><td>50</td></tr></table> <p><b>Note 1:</b> The limit level in dBμV decreases linearly with the logarithm of frequency.<br/><b>Note 2:</b> The more stringent limit applies at transition frequencies.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Frequency (MHz)                | Limit (dBμV) |  | Quasi-Peak | Average | 0.15 – 0.5 | 66 to 56 <small>Note 1</small> | 56 to 46 <small>Note 1</small> | 0.5 – 5 | 56 | 46 | 5 – 30 | 60 | 50 |
| Frequency (MHz)                                           | Limit (dBμV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
|                                                           | Quasi-Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Average                        |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
| 0.15 – 0.5                                                | 66 to 56 <small>Note 1</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 56 to 46 <small>Note 1</small> |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
| 0.5 – 5                                                   | 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 46                             |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
| 5 – 30                                                    | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 50                             |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
| Conducted Peak Output Power<br><br>Power Spectral Density | <p><b>For the 5.15-5.25 GHz band:</b></p> <p>For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.</p> <p><b>For the 5.25-5.35 GHz and 5.47-5.725 GHz bands:</b></p> <p>The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.</p> <p><b>For the band 5.725-5.895 GHz:</b></p> <p>For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, Fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.</p> |                                |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
| 26dB Emission Bandwidth<br>99% Occupied Bandwidth         | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |              |  |            |         |            |                                |                                |         |    |    |        |    |    |
| 6dB Emission Bandwidth                                    | Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |              |  |            |         |            |                                |                                |         |    |    |        |    |    |

| Unwanted Emissions  | <p>(1) <b>For transmitters operating in the 5.15-5.25 GHz band:</b> All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) <b>For transmitters operating in the 5.25-5.35 GHz band:</b> All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(3) <b>For transmitters operating in the 5.47-5.725 GHz band:</b> All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p.of -27 dBm/MHz.</p> <p>(4) <b>For transmitters operating solely in the 5.725-5.850 GHz band:</b> All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p> <p>(5) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. The provisions of § 15.205 apply to intentional radiators operating under this section:</p> <table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBµV/m)</th><th rowspan="2">Detector</th></tr><tr><th>@ 3m</th><th>@ 10m</th></tr><tr><td>30 – 88</td><td>40.0</td><td>30.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>33.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>36.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>44.0</td><td>Quasi-peak</td></tr></table> <p><b>Note:</b> The more stringent limit applies at transition frequencies.</p> <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> <p><b>Note:</b> The measurement bandwidth shall be 1 MHz or greater.</p> | Frequency (MHz) | Limit (dBµV/m) |  | Detector | @ 3m | @ 10m | 30 – 88 | 40.0 | 30.0 | Quasi-peak | 88 – 216 | 43.5 | 33.5 | Quasi-peak | 216 – 960 | 46.0 | 36.0 | Quasi-peak | 960 – 1000 | 54.0 | 44.0 | Quasi-peak | Frequency | Limit (dBµV/m) @ 3m |  | Average | Peake | Above 1 GHz | 54.0 | 74.0 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|--|----------|------|-------|---------|------|------|------------|----------|------|------|------------|-----------|------|------|------------|------------|------|------|------------|-----------|---------------------|--|---------|-------|-------------|------|------|
| Frequency (MHz)     | Limit (dBµV/m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | Detector       |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
|                     | @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | @ 10m           |                |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 30 – 88             | 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30.0            | Quasi-peak     |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 88 – 216            | 43.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 33.5            | Quasi-peak     |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 216 – 960           | 46.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 36.0            | Quasi-peak     |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 960 – 1000          | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44.0            | Quasi-peak     |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Frequency           | Limit (dBµV/m) @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |                |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
|                     | Average                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Peake           |                |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Above 1 GHz         | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 74.0            |                |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Frequency Stability | Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                |  |          |      |       |         |      |      |            |          |      |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |

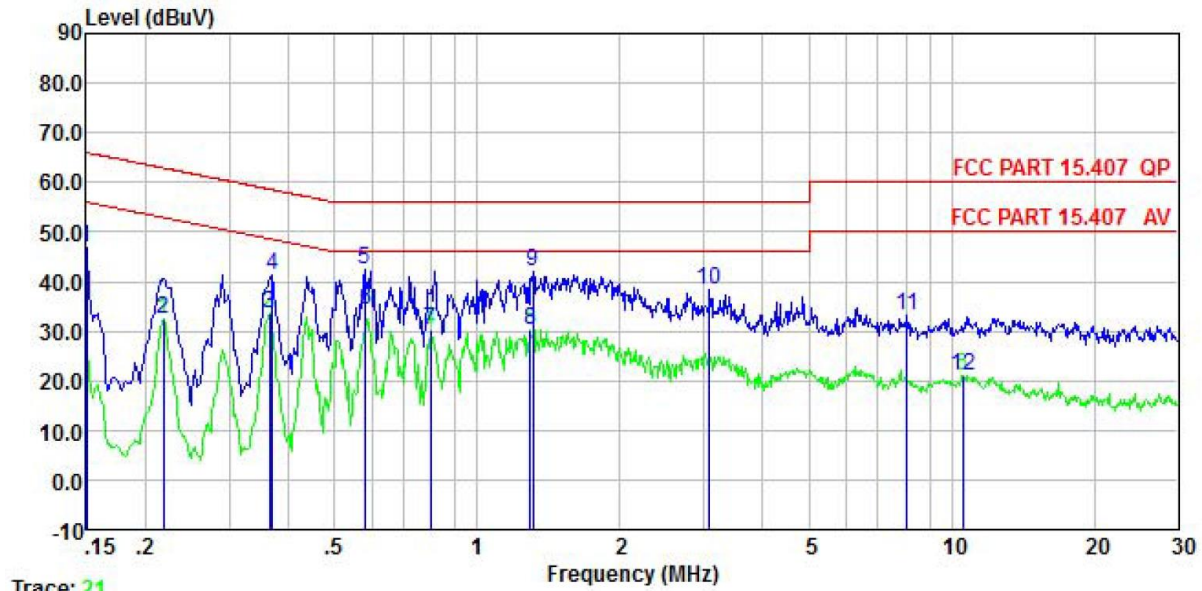
## 5.2 Antenna requirement

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>Standard requirement:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FCC Part 15 C Section 15.203 |
| <p>15.203 requirement:<br/>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</p> |                              |
| <b>E.U.T Antenna:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |
| <p>The Wi-Fi antenna is an internal antenna which cannot replace by end-user, the best case gain of the antenna is 0.08 dBi. See product internal photos for details.</p>                                                                                                                                                                                                                                                                                                         |                              |



## 5.3 AC Power Line Conducted Emission

|                 |                  |                |               |
|-----------------|------------------|----------------|---------------|
| Product name:   | Mobile Phone     | Product model: | KM4           |
| Test by:        | Alan Chen        | Test mode:     | 5G Wi-Fi mode |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Line          |
| Test voltage:   | AC 120 V/60 Hz   |                |               |



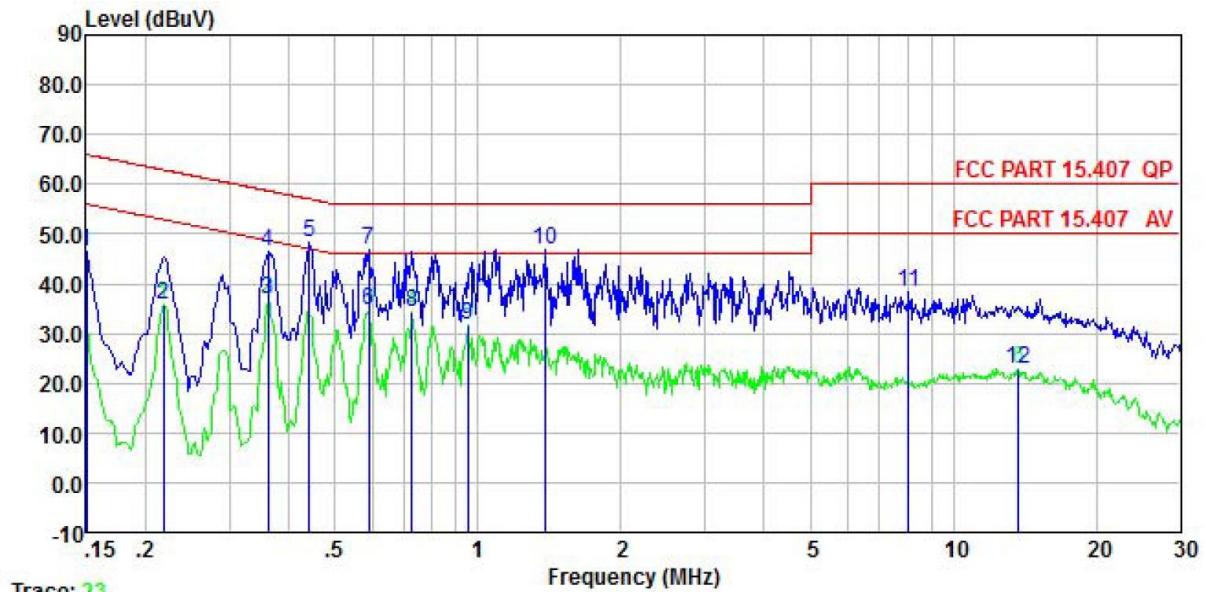
|       | Read   | LISN   | Aux    | Aux2   | Cable |       | Limit | Over  |                |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|----------------|
| Freq  | Level  | Factor | Factor | Factor | Loss  | Level | Line  | Limit | Remark         |
| ----- | -----  | -----  | -----  | -----  | ----- | ----- | ----- | ----- | -----          |
| MHz   | dBuV   | dB     | dB     | dB     | dB    | dBuV  | dBuV  | dB    |                |
| 1     | 0.150  | 26.62  | 10.20  | 0.00   | 9.88  | 0.01  | 46.71 | 66.00 | -19.29 QP      |
| 2     | 0.219  | 12.57  | 10.10  | 0.00   | 9.88  | 0.03  | 32.58 | 52.88 | -20.30 Average |
| 3     | 0.365  | 13.63  | 10.10  | 0.00   | 9.88  | 0.03  | 33.64 | 48.61 | -14.97 Average |
| 4     | 0.369  | 21.13  | 10.10  | 0.00   | 9.88  | 0.03  | 41.14 | 58.52 | -17.38 QP      |
| 5     | 0.579  | 22.16  | 10.19  | 0.00   | 9.88  | 0.02  | 42.25 | 56.00 | -13.75 QP      |
| 6     | 0.582  | 14.07  | 10.19  | 0.00   | 9.88  | 0.02  | 34.16 | 46.00 | -11.84 Average |
| 7     | 0.796  | 10.17  | 10.10  | 0.00   | 9.88  | 0.03  | 30.18 | 46.00 | -15.82 Average |
| 8     | 1.296  | 10.04  | 10.16  | 0.00   | 9.88  | 0.11  | 30.19 | 46.00 | -15.81 Average |
| 9     | 1.310  | 21.85  | 10.16  | 0.00   | 9.88  | 0.11  | 42.00 | 56.00 | -14.00 QP      |
| 10    | 3.090  | 18.03  | 10.28  | 0.00   | 9.89  | 0.07  | 38.27 | 56.00 | -17.73 QP      |
| 11    | 8.062  | 12.95  | 10.36  | 0.00   | 9.90  | 0.10  | 33.31 | 60.00 | -26.69 QP      |
| 12    | 10.564 | 0.67   | 10.36  | 0.00   | 9.91  | 0.12  | 21.06 | 50.00 | -28.94 Average |

### Remark:

1. Level = Read level + LISN Factor + Cable Loss.



|                 |                  |                |               |
|-----------------|------------------|----------------|---------------|
| Product name:   | Mobile Phone     | Product model: | KM4           |
| Test by:        | Alan Chen        | Test mode:     | 5G Wi-Fi mode |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Neutral       |
| Test voltage:   | AC 120 V/60 Hz   |                |               |



|       | Read   | LISN   | Aux    | Aux2   | Cable |       | Limit | Over  |                |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|----------------|
| Freq  | Level  | Factor | Factor | Factor | Loss  | Level | Line  | Limit | Remark         |
| ----- | -----  | -----  | -----  | -----  | ----- | ----- | ----- | ----- | -----          |
| MHz   | dBuV   | dB     | dB     | dB     | dB    | dBuV  | dBuV  | dB    |                |
| 1     | 0.150  | 26.54  | 10.20  | 0.00   | 9.88  | 0.01  | 46.63 | 66.00 | -19.37 QP      |
| 2     | 0.219  | 15.64  | 10.19  | 0.00   | 9.88  | 0.03  | 35.74 | 52.88 | -17.14 Average |
| 3     | 0.361  | 16.79  | 10.12  | 0.00   | 9.88  | 0.02  | 36.81 | 48.69 | -11.88 Average |
| 4     | 0.361  | 26.38  | 10.12  | 0.00   | 9.88  | 0.02  | 46.40 | 58.69 | -12.29 QP      |
| 5     | 0.442  | 28.31  | 10.15  | 0.00   | 9.88  | 0.03  | 48.37 | 57.02 | -8.65 QP       |
| 6     | 0.589  | 14.38  | 10.29  | 0.00   | 9.88  | 0.02  | 34.57 | 46.00 | -11.43 Average |
| 7     | 0.589  | 26.75  | 10.29  | 0.00   | 9.88  | 0.02  | 46.94 | 56.00 | -9.06 QP       |
| 8     | 0.727  | 13.92  | 10.30  | 0.00   | 9.88  | 0.03  | 34.13 | 46.00 | -11.87 Average |
| 9     | 0.953  | 11.48  | 10.22  | 0.00   | 9.88  | 0.05  | 31.63 | 46.00 | -14.37 Average |
| 10    | 1.381  | 26.60  | 10.25  | 0.00   | 9.88  | 0.13  | 46.86 | 56.00 | -9.14 QP       |
| 11    | 8.062  | 17.96  | 10.30  | 0.00   | 9.90  | 0.10  | 38.26 | 60.00 | -21.74 QP      |
| 12    | 13.695 | 2.29   | 10.53  | 0.00   | 9.93  | 0.12  | 22.87 | 50.00 | -27.13 Average |

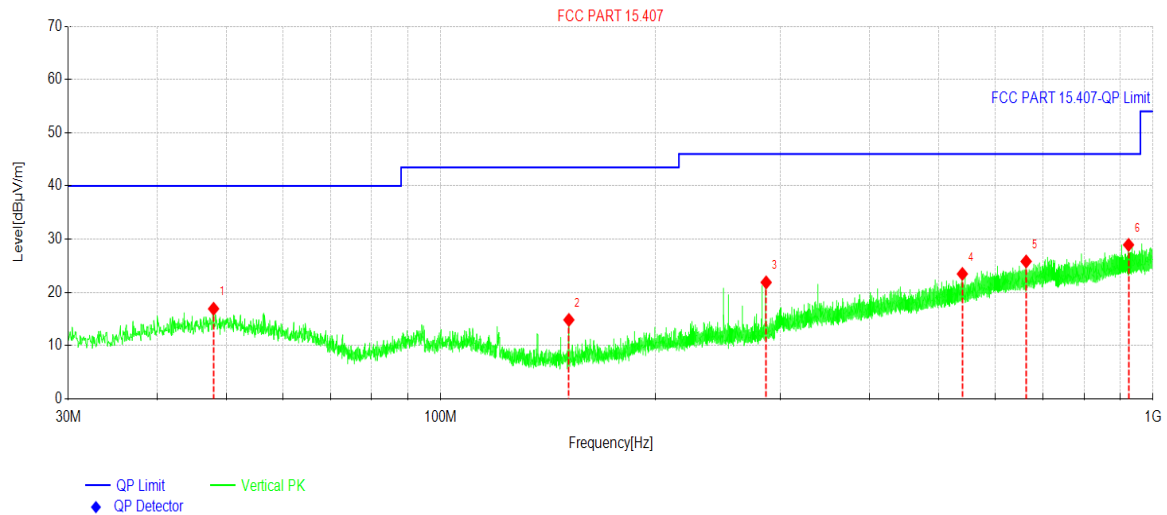
**Remark:**

1. Level = Read level + LISN Factor + Cable Loss.

## 5.4 Unwanted Emissions

Below 1GHz:

|                 |                |                |               |
|-----------------|----------------|----------------|---------------|
| Product Name:   | Mobile Phone   | Product Model: | KM4           |
| Test By:        | Kiran Zeng     | Test mode:     | 5G Wi-Fi mode |
| Test Frequency: | 30 MHz ~ 1 GHz | Polarization:  | Vertical      |
| Test Voltage:   | DC 3.85V       |                |               |



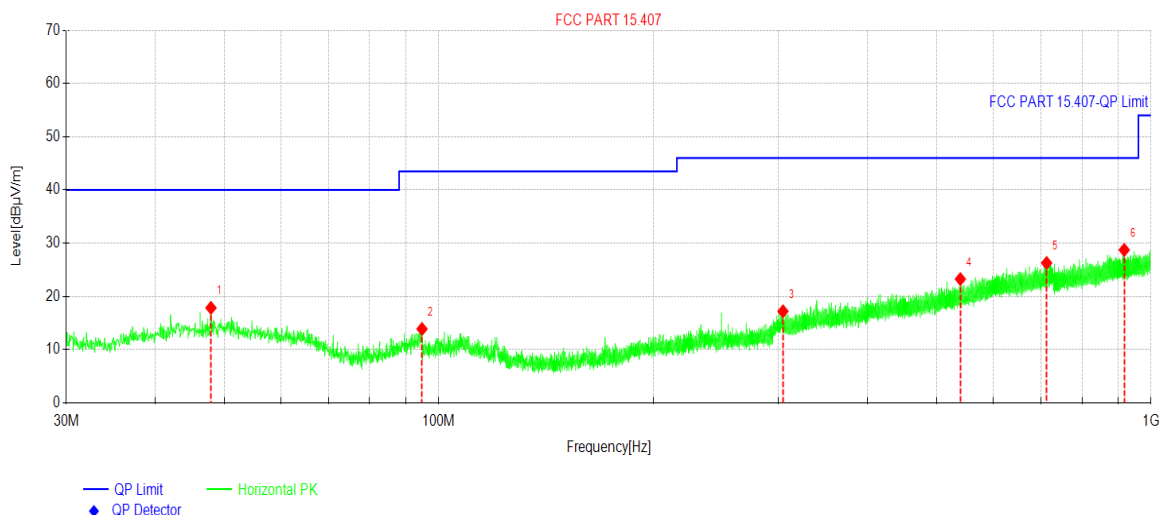
### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Trace | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|-------|----------|
| 1   | 47.9944     | 29.35            | -12.42      | 16.93          | 40.00          | 23.07       | PK    | Vertical |
| 2   | 151.3531    | 32.77            | -17.93      | 14.84          | 43.50          | 28.66       | PK    | Vertical |
| 3   | 286.3838    | 34.86            | -12.98      | 21.88          | 46.00          | 24.12       | PK    | Vertical |
| 4   | 540.0030    | 31.40            | -7.92       | 23.48          | 46.00          | 22.52       | PK    | Vertical |
| 5   | 663.6842    | 31.49            | -5.67       | 25.82          | 46.00          | 20.18       | PK    | Vertical |
| 6   | 924.0452    | 31.05            | -2.11       | 28.94          | 46.00          | 17.06       | PK    | Vertical |

### Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

|                 |                |                |               |
|-----------------|----------------|----------------|---------------|
| Product Name:   | Mobile Phone   | Product Model: | KM4           |
| Test By:        | Kiran Zeng     | Test mode:     | 5G Wi-Fi mode |
| Test Frequency: | 30 MHz ~ 1 GHz | Polarization:  | Horizontal    |
| Test Voltage:   | DC 3.85V       |                |               |



## Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Trace | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|-------|------------|
| 1   | 47.8974     | 30.27            | -12.42      | 17.85          | 40.00          | 22.15       | PK    | Horizontal |
| 2   | 94.7507     | 28.95            | -15.07      | 13.88          | 43.50          | 29.62       | PK    | Horizontal |
| 3   | 304.3297    | 29.89            | -12.69      | 17.20          | 46.00          | 28.80       | PK    | Horizontal |
| 4   | 539.9545    | 31.17            | -7.92       | 23.25          | 46.00          | 22.75       | PK    | Horizontal |
| 5   | 713.6417    | 31.17            | -4.89       | 26.28          | 46.00          | 19.72       | PK    | Horizontal |
| 6   | 917.0609    | 30.87            | -2.14       | 28.73          | 46.00          | 17.27       | PK    | Horizontal |

## Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

## Above 1GHz

| Band 1: 5150 MHz - 5250 MHz, 802.11a                                                                                                                                                  |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 47.82             | 20.12       | 67.94          | 74.00          | 6.06        | Vertical     |
| 10360.00                                                                                                                                                                              | 46.80             | 1.40        | 48.20          | 68.20          | 20.00       | Vertical     |
| 5150.00                                                                                                                                                                               | 44.29             | 20.12       | 64.41          | 74.00          | 9.59        | Horizontal   |
| 10360.00                                                                                                                                                                              | 46.60             | 1.40        | 48.00          | 68.20          | 20.20       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 30.80             | 20.12       | 50.92          | 54.00          | 3.08        | Vertical     |
| 5150.00                                                                                                                                                                               | 30.45             | 20.12       | 50.57          | 54.00          | 3.43        | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 10400.00                                                                                                                                                                              | 47.29             | 2.45        | 49.74          | 68.20          | 18.46       | Vertical     |
| 10400.00                                                                                                                                                                              | 46.10             | 2.45        | 48.55          | 68.20          | 19.65       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 40.60             | 19.93       | 60.53          | 74.00          | 13.47       | Vertical     |
| 10480.00                                                                                                                                                                              | 46.43             | 2.74        | 49.17          | 68.20          | 19.03       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.41             | 19.93       | 60.34          | 74.00          | 13.66       | Horizontal   |
| 10480.00                                                                                                                                                                              | 45.67             | 2.74        | 48.41          | 68.20          | 19.79       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.42             | 19.93       | 49.35          | 54.00          | 4.65        | Vertical     |
| 5350.00                                                                                                                                                                               | 29.28             | 19.93       | 49.21          | 54.00          | 4.79        | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 1: 5150 MHz - 5250 MHz, 802.11n-HT20                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.55             | 20.12       | 68.67          | 74.00          | 5.33        | Vertical     |
| 10360.00                                                                                                                                                                              | 46.88             | 1.40        | 48.28          | 68.20          | 19.92       | Vertical     |
| 5150.00                                                                                                                                                                               | 43.84             | 20.12       | 63.96          | 74.00          | 10.04       | Horizontal   |
| 10360.00                                                                                                                                                                              | 46.14             | 1.40        | 47.54          | 68.20          | 20.66       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 30.46             | 20.12       | 50.58          | 54.00          | 3.42        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.97             | 20.12       | 50.09          | 54.00          | 3.91        | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 10400.00                                                                                                                                                                              | 47.22             | 2.45        | 49.67          | 68.20          | 18.53       | Vertical     |
| 10400.00                                                                                                                                                                              | 46.44             | 2.45        | 48.89          | 68.20          | 19.31       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 40.63             | 19.93       | 60.56          | 74.00          | 13.44       | Vertical     |
| 10480.00                                                                                                                                                                              | 46.66             | 2.74        | 49.40          | 68.20          | 18.80       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.87             | 19.93       | 60.80          | 74.00          | 13.20       | Horizontal   |
| 10480.00                                                                                                                                                                              | 45.84             | 2.74        | 48.58          | 68.20          | 19.62       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.42             | 19.93       | 49.35          | 54.00          | 4.65        | Vertical     |
| 5350.00                                                                                                                                                                               | 29.37             | 19.93       | 49.30          | 54.00          | 4.70        | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 1: 5150 MHz - 5250 MHz, 802.11n-HT40                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 46.40             | 20.12       | 66.52          | 74.00          | 7.48        | Vertical     |
| 10380.00                                                                                                                                                                              | 47.23             | 1.96        | 49.19          | 68.20          | 19.01       | Vertical     |
| 5150.00                                                                                                                                                                               | 42.92             | 20.12       | 63.04          | 74.00          | 10.96       | Horizontal   |
| 10380.00                                                                                                                                                                              | 46.21             | 1.96        | 48.17          | 68.20          | 20.03       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 30.86             | 20.12       | 50.98          | 54.00          | 3.02        | Vertical     |
| 5150.00                                                                                                                                                                               | 30.24             | 20.12       | 50.36          | 54.00          | 3.64        | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 40.20             | 19.93       | 60.13          | 74.00          | 13.87       | Vertical     |
| 10460.00                                                                                                                                                                              | 47.53             | 1.64        | 49.17          | 68.20          | 19.03       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.62             | 19.93       | 60.55          | 74.00          | 13.45       | Horizontal   |
| 10460.00                                                                                                                                                                              | 45.91             | 1.64        | 47.55          | 68.20          | 20.65       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.35             | 19.93       | 49.28          | 54.00          | 4.72        | Vertical     |
| 5350.00                                                                                                                                                                               | 29.38             | 19.93       | 49.31          | 54.00          | 4.69        | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 1: 5150 MHz - 5250 MHz, 802.11ac-VHT20                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.27             | 20.12       | 68.39          | 74.00          | 5.61        | Vertical     |
| 10360.00                                                                                                                                                                              | 46.79             | 1.40        | 48.19          | 68.20          | 20.01       | Vertical     |
| 5150.00                                                                                                                                                                               | 44.25             | 20.12       | 64.37          | 74.00          | 9.63        | Horizontal   |
| 10360.00                                                                                                                                                                              | 45.95             | 1.40        | 47.35          | 68.20          | 20.85       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 30.20             | 20.12       | 50.32          | 54.00          | 3.68        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.54             | 20.12       | 49.66          | 54.00          | 4.34        | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 10400.00                                                                                                                                                                              | 47.35             | 2.45        | 49.80          | 68.20          | 18.40       | Vertical     |
| 10400.00                                                                                                                                                                              | 46.66             | 2.45        | 49.11          | 68.20          | 19.09       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 40.38             | 19.93       | 60.31          | 74.00          | 13.69       | Vertical     |
| 10480.00                                                                                                                                                                              | 47.14             | 2.74        | 49.88          | 68.20          | 18.32       | Vertical     |
| 5350.00                                                                                                                                                                               | 41.04             | 19.93       | 60.97          | 74.00          | 13.03       | Horizontal   |
| 10480.00                                                                                                                                                                              | 46.00             | 2.74        | 48.74          | 68.20          | 19.46       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.69             | 19.93       | 49.62          | 54.00          | 4.38        | Vertical     |
| 5350.00                                                                                                                                                                               | 29.64             | 19.93       | 49.57          | 54.00          | 4.43        | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 1: 5150 MHz - 5250 MHz, 802.11ac-VHT40                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 46.85             | 20.12       | 66.97          | 74.00          | 7.03        | Vertical     |
| 10380.00                                                                                                                                                                              | 46.87             | 1.96        | 48.83          | 68.20          | 19.37       | Vertical     |
| 5150.00                                                                                                                                                                               | 43.06             | 20.12       | 63.18          | 74.00          | 10.82       | Horizontal   |
| 10380.00                                                                                                                                                                              | 46.02             | 1.96        | 47.98          | 68.20          | 20.22       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 30.76             | 20.12       | 50.88          | 54.00          | 3.12        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.96             | 20.12       | 50.08          | 54.00          | 3.92        | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 40.53             | 19.93       | 60.46          | 74.00          | 13.54       | Vertical     |
| 10460.00                                                                                                                                                                              | 47.80             | 1.64        | 49.44          | 68.20          | 18.76       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.81             | 19.93       | 60.74          | 74.00          | 13.26       | Horizontal   |
| 10460.00                                                                                                                                                                              | 46.37             | 1.64        | 48.01          | 68.20          | 20.19       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.30             | 19.93       | 49.23          | 54.00          | 4.77        | Vertical     |
| 5350.00                                                                                                                                                                               | 29.34             | 19.93       | 49.27          | 54.00          | 4.73        | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |



| Band 1: 5150 MHz - 5250 MHz, 802.11ac-VHT80                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 41.54             | 20.12       | 61.66          | 74.00          | 12.34       | Vertical     |
| 5350.00                                                                                                                                                                               | 41.03             | 19.93       | 60.96          | 74.00          | 13.04       | Vertical     |
| 10420.00                                                                                                                                                                              | 47.48             | 1.92        | 49.40          | 68.20          | 18.80       | Vertical     |
| 5150.00                                                                                                                                                                               | 40.58             | 20.12       | 60.70          | 74.00          | 13.30       | Horizontal   |
| 5350.00                                                                                                                                                                               | 40.20             | 19.93       | 60.13          | 74.00          | 13.87       | Horizontal   |
| 10420.00                                                                                                                                                                              | 46.28             | 1.92        | 48.20          | 68.20          | 20.00       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 29.87             | 20.12       | 49.99          | 54.00          | 4.01        | Vertical     |
| 5350.00                                                                                                                                                                               | 29.36             | 19.93       | 49.29          | 54.00          | 4.71        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.59             | 20.12       | 49.71          | 54.00          | 4.29        | Horizontal   |
| 5350.00                                                                                                                                                                               | 29.28             | 19.93       | 49.21          | 54.00          | 4.79        | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 2: 5250 MHz - 5350 MHz, 802.11a                                                                                                                                                  |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 40.33             | 20.12       | 60.45          | 74.00          | 13.55       | Vertical     |
| 10520.00                                                                                                                                                                              | 47.03             | 2.93        | 49.96          | 68.20          | 18.24       | Vertical     |
| 5150.00                                                                                                                                                                               | 40.71             | 20.12       | 60.83          | 74.00          | 13.17       | Horizontal   |
| 10520.00                                                                                                                                                                              | 46.15             | 2.93        | 49.08          | 68.20          | 19.12       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 29.34             | 20.12       | 49.46          | 54.00          | 4.54        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.41             | 20.12       | 49.53          | 54.00          | 4.47        | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 10560.00                                                                                                                                                                              | 46.96             | 1.68        | 48.64          | 68.20          | 19.56       | Vertical     |
| 10560.00                                                                                                                                                                              | 46.51             | 1.68        | 48.19          | 68.20          | 20.01       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 41.40             | 19.93       | 61.33          | 74.00          | 12.67       | Vertical     |
| 10640.00                                                                                                                                                                              | 46.70             | 2.76        | 49.46          | 74.00          | 24.54       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.96             | 19.93       | 60.89          | 74.00          | 13.11       | Horizontal   |
| 10640.00                                                                                                                                                                              | 45.85             | 2.76        | 48.61          | 74.00          | 25.39       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.9              | 19.93       | 49.83          | 54.00          | 4.17        | Vertical     |
| 10640.00                                                                                                                                                                              | 36.58             | 2.76        | 39.34          | 54.00          | 14.66       | Vertical     |
| 5350.00                                                                                                                                                                               | 29.85             | 19.93       | 49.78          | 54.00          | 4.22        | Horizontal   |
| 10640.00                                                                                                                                                                              | 36.71             | 2.76        | 39.47          | 54.00          | 14.53       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 2: 5250 MHz - 5350 MHz, 802.11n-HT20                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 41.43             | 20.12       | 61.55          | 74.00          | 12.45       | Vertical     |
| 10520.00                                                                                                                                                                              | 47.02             | 2.93        | 49.95          | 68.20          | 18.25       | Vertical     |
| 5150.00                                                                                                                                                                               | 40.36             | 20.12       | 60.48          | 74.00          | 13.52       | Horizontal   |
| 10520.00                                                                                                                                                                              | 46.34             | 2.93        | 49.27          | 68.20          | 18.93       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 29.36             | 20.12       | 49.48          | 54.00          | 4.52        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.39             | 20.12       | 49.51          | 54.00          | 4.49        | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 10560.00                                                                                                                                                                              | 47.06             | 1.68        | 48.74          | 68.20          | 19.46       | Vertical     |
| 10560.00                                                                                                                                                                              | 46.02             | 1.68        | 47.70          | 68.20          | 20.50       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 41.36             | 19.93       | 61.29          | 74.00          | 12.71       | Vertical     |
| 10640.00                                                                                                                                                                              | 46.79             | 2.76        | 49.55          | 74.00          | 24.45       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.92             | 19.93       | 60.85          | 74.00          | 13.15       | Horizontal   |
| 10640.00                                                                                                                                                                              | 45.85             | 2.76        | 48.61          | 74.00          | 25.39       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.78             | 19.93       | 49.71          | 54.00          | 4.29        | Vertical     |
| 10640.00                                                                                                                                                                              | 36.57             | 2.76        | 39.33          | 54.00          | 14.67       | Vertical     |
| 5350.00                                                                                                                                                                               | 29.83             | 19.93       | 49.76          | 54.00          | 4.24        | Horizontal   |
| 10640.00                                                                                                                                                                              | 36.60             | 2.76        | 39.36          | 54.00          | 14.64       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 2: 5250 MHz - 5350 MHz, 802.11n-HT40                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 40.67             | 20.12       | 60.79          | 74.00          | 13.21       | Vertical     |
| 10540.00                                                                                                                                                                              | 47.06             | 2.06        | 49.12          | 68.20          | 19.08       | Vertical     |
| 5150.00                                                                                                                                                                               | 41.57             | 20.12       | 61.69          | 74.00          | 12.31       | Horizontal   |
| 10540.00                                                                                                                                                                              | 46.09             | 2.06        | 48.15          | 68.20          | 20.05       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 29.48             | 20.12       | 49.60          | 54.00          | 4.40        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.64             | 20.12       | 49.76          | 54.00          | 4.24        | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 43.25             | 19.93       | 63.18          | 74.00          | 10.82       | Vertical     |
| 10620.00                                                                                                                                                                              | 46.42             | 2.28        | 48.70          | 74.00          | 25.30       | Vertical     |
| 5350.00                                                                                                                                                                               | 45.35             | 19.93       | 65.28          | 74.00          | 8.72        | Horizontal   |
| 10620.00                                                                                                                                                                              | 45.50             | 2.28        | 47.78          | 74.00          | 26.22       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 30.18             | 19.93       | 50.11          | 54.00          | 3.89        | Vertical     |
| 10620.00                                                                                                                                                                              | 36.76             | 2.28        | 39.04          | 54.00          | 14.96       | Vertical     |
| 5350.00                                                                                                                                                                               | 30.47             | 19.93       | 50.40          | 54.00          | 3.60        | Horizontal   |
| 10620.00                                                                                                                                                                              | 36.28             | 2.28        | 38.56          | 54.00          | 15.44       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 2: 5250 MHz - 5350 MHz, 802.11ac-VHT20                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 41.29             | 20.12       | 61.41          | 74.00          | 12.59       | Vertical     |
| 10520.00                                                                                                                                                                              | 47.22             | 2.93        | 50.15          | 68.20          | 18.05       | Vertical     |
| 5150.00                                                                                                                                                                               | 40.09             | 20.12       | 60.21          | 74.00          | 13.79       | Horizontal   |
| 10520.00                                                                                                                                                                              | 46.73             | 2.93        | 49.66          | 68.20          | 18.54       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 29.31             | 20.12       | 49.43          | 54.00          | 4.57        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.43             | 20.12       | 49.55          | 54.00          | 4.45        | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 10560.00                                                                                                                                                                              | 47.36             | 1.68        | 49.04          | 68.20          | 19.16       | Vertical     |
| 10560.00                                                                                                                                                                              | 46.73             | 1.68        | 48.41          | 68.20          | 19.79       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 41.22             | 19.93       | 61.15          | 74.00          | 12.85       | Vertical     |
| 10640.00                                                                                                                                                                              | 46.84             | 2.76        | 49.60          | 74.00          | 24.40       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.65             | 19.93       | 60.58          | 74.00          | 13.42       | Horizontal   |
| 10640.00                                                                                                                                                                              | 45.85             | 2.76        | 48.61          | 74.00          | 25.39       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 29.80             | 19.93       | 49.73          | 54.00          | 4.27        | Vertical     |
| 10640.00                                                                                                                                                                              | 36.34             | 2.76        | 39.10          | 54.00          | 14.90       | Vertical     |
| 5350.00                                                                                                                                                                               | 30.12             | 19.93       | 50.05          | 54.00          | 3.95        | Horizontal   |
| 10640.00                                                                                                                                                                              | 36.32             | 2.76        | 39.08          | 54.00          | 14.92       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 2: 5250 MHz - 5350 MHz, 802.11ac-VHT40                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 40.88             | 20.12       | 61.00          | 74.00          | 13.00       | Vertical     |
| 10540.00                                                                                                                                                                              | 47.02             | 2.06        | 49.08          | 68.20          | 19.12       | Vertical     |
| 5150.00                                                                                                                                                                               | 41.69             | 20.12       | 61.81          | 74.00          | 12.19       | Horizontal   |
| 10540.00                                                                                                                                                                              | 46.55             | 2.06        | 48.61          | 68.20          | 19.59       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 29.41             | 20.12       | 49.53          | 54.00          | 4.47        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.33             | 20.12       | 49.45          | 54.00          | 4.55        | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 43.60             | 19.93       | 63.53          | 74.00          | 10.47       | Vertical     |
| 10620.00                                                                                                                                                                              | 46.34             | 2.28        | 48.62          | 74.00          | 25.38       | Vertical     |
| 5350.00                                                                                                                                                                               | 45.21             | 19.93       | 65.14          | 74.00          | 8.86        | Horizontal   |
| 10620.00                                                                                                                                                                              | 45.25             | 2.28        | 47.53          | 74.00          | 26.47       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 30.02             | 19.93       | 49.95          | 54.00          | 4.05        | Vertical     |
| 10620.00                                                                                                                                                                              | 36.81             | 2.28        | 39.09          | 54.00          | 14.91       | Vertical     |
| 5350.00                                                                                                                                                                               | 30.71             | 19.93       | 50.64          | 54.00          | 3.36        | Horizontal   |
| 10620.00                                                                                                                                                                              | 36.10             | 2.28        | 38.38          | 54.00          | 15.62       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 2: 5250 MHz - 5350 MHz, 802.11ac-VHT80                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 40.64             | 20.12       | 60.76          | 74.00          | 13.24       | Vertical     |
| 5350.00                                                                                                                                                                               | 40.90             | 19.93       | 60.83          | 74.00          | 13.17       | Vertical     |
| 10580.00                                                                                                                                                                              | 47.28             | 1.71        | 48.99          | 68.20          | 19.21       | Vertical     |
| 5150.00                                                                                                                                                                               | 41.09             | 20.12       | 61.21          | 74.00          | 12.79       | Horizontal   |
| 5350.00                                                                                                                                                                               | 41.28             | 19.93       | 61.21          | 74.00          | 12.79       | Horizontal   |
| 10580.00                                                                                                                                                                              | 45.98             | 1.71        | 47.69          | 68.20          | 20.51       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 29.62             | 20.12       | 49.74          | 54.00          | 4.26        | Vertical     |
| 5350.00                                                                                                                                                                               | 29.78             | 19.93       | 49.71          | 54.00          | 4.29        | Vertical     |
| 5150.00                                                                                                                                                                               | 29.41             | 20.12       | 49.53          | 54.00          | 4.47        | Horizontal   |
| 5350.00                                                                                                                                                                               | 29.80             | 19.93       | 49.73          | 54.00          | 4.27        | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 3: 5470 MHz - 5725 MHz, 802.11a                                                                                                                                                  |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5470.00                                                                                                                                                                               | 42.78             | 20.96       | 63.74          | 68.20          | 4.46        | Vertical     |
| 11000.00                                                                                                                                                                              | 46.28             | 2.64        | 48.92          | 74.00          | 25.08       | Vertical     |
| 5470.00                                                                                                                                                                               | 42.55             | 20.96       | 63.51          | 68.20          | 4.69        | Horizontal   |
| 11000.00                                                                                                                                                                              | 46.48             | 2.64        | 49.12          | 74.00          | 24.88       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11000.00                                                                                                                                                                              | 36.92             | 2.64        | 39.56          | 54.00          | 14.44       | Vertical     |
| 11000.00                                                                                                                                                                              | 36.96             | 2.64        | 39.60          | 54.00          | 14.40       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 46.28             | 1.72        | 48.00          | 74.00          | 26.00       | Vertical     |
| 11120.00                                                                                                                                                                              | 46.48             | 1.72        | 48.20          | 74.00          | 25.80       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 36.92             | 1.72        | 38.64          | 54.00          | 15.36       | Vertical     |
| 11120.00                                                                                                                                                                              | 36.96             | 1.72        | 38.68          | 54.00          | 15.32       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5725.00                                                                                                                                                                               | 42.15             | 21.29       | 63.44          | 68.20          | 4.76        | Vertical     |
| 11400.00                                                                                                                                                                              | 45.85             | 1.96        | 47.81          | 74.00          | 26.19       | Vertical     |
| 5725.00                                                                                                                                                                               | 43.59             | 21.29       | 64.88          | 68.20          | 3.32        | Horizontal   |
| 11400.00                                                                                                                                                                              | 46.45             | 1.96        | 48.41          | 74.00          | 25.59       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11400.00                                                                                                                                                                              | 37.23             | 1.96        | 39.19          | 54.00          | 14.81       | Vertical     |
| 11400.00                                                                                                                                                                              | 36.67             | 1.96        | 38.63          | 54.00          | 15.37       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |



| Band 3: 5470 MHz - 5725 MHz, 802.11n-HT20                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5470.00                                                                                                                                                                               | 43.23             | 20.96       | 64.19          | 68.20          | 4.01        | Vertical     |
| 11000.00                                                                                                                                                                              | 46.07             | 2.64        | 48.71          | 74.00          | 25.29       | Vertical     |
| 5470.00                                                                                                                                                                               | 45.36             | 20.96       | 66.32          | 68.20          | 1.88        | Horizontal   |
| 11000.00                                                                                                                                                                              | 44.22             | 2.64        | 46.86          | 74.00          | 27.14       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11000.00                                                                                                                                                                              | 36.69             | 2.64        | 39.33          | 54.00          | 14.67       | Vertical     |
| 11000.00                                                                                                                                                                              | 37.12             | 2.64        | 39.76          | 54.00          | 14.24       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 46.28             | 1.72        | 48.00          | 74.00          | 26.00       | Vertical     |
| 11120.00                                                                                                                                                                              | 46.41             | 1.72        | 48.13          | 74.00          | 25.87       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 36.89             | 1.72        | 38.61          | 54.00          | 15.39       | Vertical     |
| 11120.00                                                                                                                                                                              | 36.67             | 1.72        | 38.39          | 54.00          | 15.61       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5725.00                                                                                                                                                                               | 41.85             | 21.29       | 63.14          | 68.20          | 5.06        | Vertical     |
| 11400.00                                                                                                                                                                              | 46.12             | 1.96        | 48.08          | 74.00          | 25.92       | Vertical     |
| 5725.00                                                                                                                                                                               | 42.96             | 21.29       | 64.25          | 68.20          | 3.95        | Horizontal   |
| 11400.00                                                                                                                                                                              | 46.63             | 1.96        | 48.59          | 74.00          | 25.41       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11400.00                                                                                                                                                                              | 37.48             | 1.96        | 39.44          | 54.00          | 14.56       | Vertical     |
| 11400.00                                                                                                                                                                              | 36.30             | 1.96        | 38.26          | 54.00          | 15.74       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 3: 5470 MHz - 5725 MHz, 802.11n-HT40                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5470.00                                                                                                                                                                               | 41.19             | 20.96       | 62.15          | 68.20          | 6.05        | Vertical     |
| 11020.00                                                                                                                                                                              | 46.48             | 2.43        | 48.91          | 74.00          | 25.09       | Vertical     |
| 5470.00                                                                                                                                                                               | 42.96             | 20.96       | 63.92          | 68.20          | 4.28        | Horizontal   |
| 11020.00                                                                                                                                                                              | 46.17             | 2.43        | 48.60          | 74.00          | 25.40       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11020.00                                                                                                                                                                              | 36.69             | 2.43        | 39.12          | 54.00          | 14.88       | Vertical     |
| 11020.00                                                                                                                                                                              | 36.92             | 2.43        | 39.35          | 54.00          | 14.65       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11180.00                                                                                                                                                                              | 46.75             | 2.19        | 48.94          | 74.00          | 25.06       | Vertical     |
| 11180.00                                                                                                                                                                              | 46.94             | 2.19        | 49.13          | 74.00          | 24.87       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11180.00                                                                                                                                                                              | 37.15             | 2.19        | 39.34          | 54.00          | 14.66       | Vertical     |
| 11180.00                                                                                                                                                                              | 36.52             | 2.19        | 38.71          | 54.00          | 15.29       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5725.00                                                                                                                                                                               | 39.64             | 21.29       | 60.93          | 68.20          | 7.27        | Vertical     |
| 11340.00                                                                                                                                                                              | 45.81             | 3.58        | 49.39          | 74.00          | 24.61       | Vertical     |
| 5725.00                                                                                                                                                                               | 40.26             | 21.29       | 61.55          | 68.20          | 6.65        | Horizontal   |
| 11340.00                                                                                                                                                                              | 46.67             | 3.58        | 50.25          | 74.00          | 23.75       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11340.00                                                                                                                                                                              | 37.69             | 3.58        | 41.27          | 54.00          | 12.73       | Vertical     |
| 11340.00                                                                                                                                                                              | 36.69             | 3.58        | 40.27          | 54.00          | 13.73       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 3: 5470 MHz - 5725 MHz, 802.11ac-VHT20                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5470.00                                                                                                                                                                               | 43.05             | 20.96       | 64.01          | 68.20          | 4.19        | Vertical     |
| 11000.00                                                                                                                                                                              | 45.82             | 2.64        | 48.46          | 74.00          | 25.54       | Vertical     |
| 5470.00                                                                                                                                                                               | 45.63             | 20.96       | 66.59          | 68.20          | 1.61        | Horizontal   |
| 11000.00                                                                                                                                                                              | 44.14             | 2.64        | 46.78          | 74.00          | 27.22       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11000.00                                                                                                                                                                              | 36.71             | 2.64        | 39.35          | 54.00          | 14.65       | Vertical     |
| 11000.00                                                                                                                                                                              | 36.95             | 2.64        | 39.59          | 54.00          | 14.41       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 46.28             | 1.72        | 48.00          | 74.00          | 26.00       | Vertical     |
| 11120.00                                                                                                                                                                              | 46.31             | 1.72        | 48.03          | 74.00          | 25.97       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 36.49             | 1.72        | 38.21          | 54.00          | 15.79       | Vertical     |
| 11120.00                                                                                                                                                                              | 36.73             | 1.72        | 38.45          | 54.00          | 15.55       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5725.00                                                                                                                                                                               | 41.99             | 21.29       | 63.28          | 68.20          | 4.92        | Vertical     |
| 11400.00                                                                                                                                                                              | 46.46             | 1.96        | 48.42          | 74.00          | 25.58       | Vertical     |
| 5725.00                                                                                                                                                                               | 42.72             | 21.29       | 64.01          | 68.20          | 4.19        | Horizontal   |
| 11400.00                                                                                                                                                                              | 46.65             | 1.96        | 48.61          | 74.00          | 25.39       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11400.00                                                                                                                                                                              | 37.53             | 1.96        | 39.49          | 54.00          | 14.51       | Vertical     |
| 11400.00                                                                                                                                                                              | 36.36             | 1.96        | 38.32          | 54.00          | 15.68       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 3: 5470 MHz - 5725 MHz, 802.11ac-VHT40                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5470.00                                                                                                                                                                               | 40.77             | 20.96       | 61.73          | 68.20          | 6.47        | Vertical     |
| 11020.00                                                                                                                                                                              | 46.72             | 2.43        | 49.15          | 74.00          | 24.85       | Vertical     |
| 5470.00                                                                                                                                                                               | 42.50             | 20.96       | 63.46          | 68.20          | 4.74        | Horizontal   |
| 11020.00                                                                                                                                                                              | 46.11             | 2.43        | 48.54          | 74.00          | 25.46       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11020.00                                                                                                                                                                              | 36.26             | 2.43        | 38.69          | 54.00          | 15.31       | Vertical     |
| 11020.00                                                                                                                                                                              | 36.58             | 2.43        | 39.01          | 54.00          | 14.99       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11180.00                                                                                                                                                                              | 46.74             | 2.19        | 48.93          | 74.00          | 25.07       | Vertical     |
| 11180.00                                                                                                                                                                              | 47.14             | 2.19        | 49.33          | 74.00          | 24.67       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11180.00                                                                                                                                                                              | 37.28             | 2.19        | 39.47          | 54.00          | 14.53       | Vertical     |
| 11180.00                                                                                                                                                                              | 36.66             | 2.19        | 38.85          | 54.00          | 15.15       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5725.00                                                                                                                                                                               | 39.67             | 21.29       | 60.96          | 68.20          | 7.24        | Vertical     |
| 11340.00                                                                                                                                                                              | 45.85             | 3.58        | 49.43          | 74.00          | 24.57       | Vertical     |
| 5725.00                                                                                                                                                                               | 40.08             | 21.29       | 61.37          | 68.20          | 6.83        | Horizontal   |
| 11340.00                                                                                                                                                                              | 46.92             | 3.58        | 50.50          | 74.00          | 23.50       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11340.00                                                                                                                                                                              | 37.46             | 3.58        | 41.04          | 54.00          | 12.96       | Vertical     |
| 11340.00                                                                                                                                                                              | 36.74             | 3.58        | 40.32          | 54.00          | 13.68       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 3: 5470 MHz - 5725 MHz, 802.11ac-VHT80                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5470.00                                                                                                                                                                               | 40.58             | 20.96       | 61.54          | 68.20          | 6.66        | Vertical     |
| 11060.00                                                                                                                                                                              | 46.72             | 1.97        | 48.69          | 74.00          | 25.31       | Vertical     |
| 5470.00                                                                                                                                                                               | 40.42             | 20.96       | 61.38          | 68.20          | 6.82        | Horizontal   |
| 11060.00                                                                                                                                                                              | 46.40             | 1.97        | 48.37          | 74.00          | 25.63       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11060.00                                                                                                                                                                              | 36.46             | 1.97        | 38.43          | 54.00          | 15.57       | Vertical     |
| 11060.00                                                                                                                                                                              | 36.83             | 1.97        | 38.80          | 54.00          | 15.20       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5725.00                                                                                                                                                                               | 40.27             | 21.29       | 61.56          | 68.20          | 6.64        | Vertical     |
| 11220.00                                                                                                                                                                              | 46.48             | 3.01        | 49.49          | 74.00          | 24.51       | Vertical     |
| 5725.00                                                                                                                                                                               | 39.88             | 21.29       | 61.17          | 68.20          | 7.03        | Horizontal   |
| 11220.00                                                                                                                                                                              | 46.17             | 3.01        | 49.18          | 74.00          | 24.82       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11220.00                                                                                                                                                                              | 36.69             | 3.01        | 39.70          | 54.00          | 14.30       | Vertical     |
| 11220.00                                                                                                                                                                              | 36.92             | 3.01        | 39.93          | 54.00          | 14.07       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 4: 5725 MHz - 5825 MHz, 802.11a                                                                                                                                                  |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5650.00                                                                                                                                                                               | 40.22             | 20.81       | 61.03          | 68.20          | 7.17        | Vertical     |
| 5700.00                                                                                                                                                                               | 40.05             | 21.58       | 61.63          | 105.20         | 43.57       | Vertical     |
| 5720.00                                                                                                                                                                               | 44.22             | 21.35       | 65.57          | 110.80         | 45.23       | Vertical     |
| 5725.00                                                                                                                                                                               | 51.45             | 21.29       | 72.74          | 122.20         | 49.46       | Vertical     |
| 11490.00                                                                                                                                                                              | 45.41             | 2.44        | 47.85          | 74.00          | 26.15       | Vertical     |
| 5650.00                                                                                                                                                                               | 41.23             | 20.81       | 62.04          | 68.20          | 6.16        | Horizontal   |
| 5700.00                                                                                                                                                                               | 40.23             | 21.58       | 61.81          | 105.20         | 43.39       | Horizontal   |
| 5720.00                                                                                                                                                                               | 43.92             | 21.35       | 65.27          | 110.80         | 45.53       | Horizontal   |
| 5725.00                                                                                                                                                                               | 51.75             | 21.29       | 73.04          | 122.20         | 49.16       | Horizontal   |
| 11490.00                                                                                                                                                                              | 45.81             | 2.44        | 48.25          | 74.00          | 25.75       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11490.00                                                                                                                                                                              | 36.66             | 2.44        | 39.10          | 54.00          | 14.90       | Vertical     |
| 11490.00                                                                                                                                                                              | 36.32             | 2.44        | 38.76          | 54.00          | 15.24       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 45.26             | 2.74        | 48.00          | 74.00          | 26.00       | Vertical     |
| 11570.00                                                                                                                                                                              | 45.44             | 2.74        | 48.18          | 74.00          | 25.82       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 36.82             | 2.74        | 39.56          | 54.00          | 14.44       | Vertical     |
| 11570.00                                                                                                                                                                              | 36.61             | 2.74        | 39.35          | 54.00          | 14.65       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5850.00                                                                                                                                                                               | 40.94             | 21.10       | 62.04          | 122.20         | 60.16       | Vertical     |
| 5855.00                                                                                                                                                                               | 39.63             | 21.15       | 60.78          | 110.80         | 50.02       | Vertical     |
| 5875.00                                                                                                                                                                               | 39.11             | 21.36       | 60.47          | 105.20         | 44.73       | Vertical     |
| 5925.00                                                                                                                                                                               | 39.40             | 21.70       | 61.10          | 68.20          | 7.10        | Vertical     |
| 11650.00                                                                                                                                                                              | 45.59             | 2.00        | 47.59          | 74.00          | 26.41       | Vertical     |
| 5850.00                                                                                                                                                                               | 42.90             | 21.10       | 64.00          | 122.20         | 58.20       | Horizontal   |
| 5855.00                                                                                                                                                                               | 40.10             | 21.15       | 61.25          | 110.80         | 49.55       | Horizontal   |
| 5875.00                                                                                                                                                                               | 39.42             | 21.36       | 60.78          | 105.20         | 44.42       | Horizontal   |
| 5925.00                                                                                                                                                                               | 40.07             | 21.70       | 61.77          | 68.20          | 6.43        | Horizontal   |
| 11650.00                                                                                                                                                                              | 45.65             | 2.00        | 47.65          | 74.00          | 26.35       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11650.00                                                                                                                                                                              | 36.70             | 2.00        | 38.70          | 54.00          | 15.30       | Vertical     |
| 11650.00                                                                                                                                                                              | 35.90             | 2.00        | 37.90          | 54.00          | 16.10       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 4: 5725 MHz - 5825 MHz, 802.11n-HT20                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5650.00                                                                                                                                                                               | 39.96             | 20.81       | 60.77          | 68.20          | 7.43        | Vertical     |
| 5700.00                                                                                                                                                                               | 40.27             | 21.58       | 61.85          | 105.20         | 43.35       | Vertical     |
| 5720.00                                                                                                                                                                               | 47.91             | 21.35       | 69.26          | 110.80         | 41.54       | Vertical     |
| 5725.00                                                                                                                                                                               | 56.23             | 21.29       | 77.52          | 122.20         | 44.68       | Vertical     |
| 11490.00                                                                                                                                                                              | 45.74             | 2.44        | 48.18          | 74.00          | 25.82       | Vertical     |
| 5650.00                                                                                                                                                                               | 41.66             | 20.81       | 62.47          | 68.20          | 5.73        | Horizontal   |
| 5700.00                                                                                                                                                                               | 40.59             | 21.58       | 62.17          | 105.20         | 43.03       | Horizontal   |
| 5720.00                                                                                                                                                                               | 47.82             | 21.35       | 69.17          | 110.80         | 41.63       | Horizontal   |
| 5725.00                                                                                                                                                                               | 52.68             | 21.29       | 73.97          | 122.20         | 48.23       | Horizontal   |
| 11490.00                                                                                                                                                                              | 45.75             | 2.44        | 48.19          | 74.00          | 25.81       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11490.00                                                                                                                                                                              | 36.18             | 2.44        | 38.62          | 54.00          | 15.38       | Vertical     |
| 11490.00                                                                                                                                                                              | 35.65             | 2.44        | 38.09          | 54.00          | 15.91       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 45.89             | 2.74        | 48.63          | 74.00          | 25.37       | Vertical     |
| 11570.00                                                                                                                                                                              | 45.73             | 2.74        | 48.47          | 74.00          | 25.53       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 36.46             | 2.74        | 39.20          | 54.00          | 14.80       | Vertical     |
| 11570.00                                                                                                                                                                              | 36.76             | 2.74        | 39.50          | 54.00          | 14.50       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |



| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5850.00                                                                                                                                                                               | 43.73             | 21.10       | 64.83          | 122.20         | 57.37       | Vertical     |
| 5855.00                                                                                                                                                                               | 42.02             | 21.15       | 63.17          | 110.80         | 47.63       | Vertical     |
| 5875.00                                                                                                                                                                               | 39.75             | 21.36       | 61.11          | 105.20         | 44.09       | Vertical     |
| 5925.00                                                                                                                                                                               | 38.92             | 21.70       | 60.62          | 68.20          | 7.58        | Vertical     |
| 11650.00                                                                                                                                                                              | 45.97             | 2.00        | 47.97          | 74.00          | 26.03       | Vertical     |
| 5850.00                                                                                                                                                                               | 47.85             | 21.10       | 68.95          | 122.20         | 53.25       | Horizontal   |
| 5855.00                                                                                                                                                                               | 42.95             | 21.15       | 64.10          | 110.80         | 46.70       | Horizontal   |
| 5875.00                                                                                                                                                                               | 40.86             | 21.36       | 62.22          | 105.20         | 42.98       | Horizontal   |
| 5925.00                                                                                                                                                                               | 38.98             | 21.70       | 60.68          | 68.20          | 7.52        | Horizontal   |
| 11650.00                                                                                                                                                                              | 45.33             | 2.00        | 47.33          | 74.00          | 26.67       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11650.00                                                                                                                                                                              | 36.37             | 2.00        | 38.37          | 54.00          | 15.63       | Vertical     |
| 11650.00                                                                                                                                                                              | 35.52             | 2.00        | 37.52          | 54.00          | 16.48       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 4: 5725 MHz - 5825 MHz, 802.11n-HT40                                                                                                                                             |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5650.00                                                                                                                                                                               | 40.79             | 20.81       | 61.60          | 68.20          | 6.60        | Vertical     |
| 5700.00                                                                                                                                                                               | 41.02             | 21.58       | 62.60          | 105.20         | 42.60       | Vertical     |
| 5720.00                                                                                                                                                                               | 51.47             | 21.35       | 72.82          | 110.80         | 37.98       | Vertical     |
| 5725.00                                                                                                                                                                               | 53.14             | 21.29       | 74.43          | 122.20         | 47.77       | Vertical     |
| 11510.00                                                                                                                                                                              | 45.54             | 2.60        | 48.14          | 74.00          | 25.86       | Vertical     |
| 5650.00                                                                                                                                                                               | 40.41             | 20.81       | 61.22          | 68.20          | 6.98        | Horizontal   |
| 5700.00                                                                                                                                                                               | 41.00             | 21.58       | 62.58          | 105.20         | 42.62       | Horizontal   |
| 5720.00                                                                                                                                                                               | 52.50             | 21.35       | 73.85          | 110.80         | 36.95       | Horizontal   |
| 5725.00                                                                                                                                                                               | 53.84             | 21.29       | 75.13          | 122.20         | 47.07       | Horizontal   |
| 11510.00                                                                                                                                                                              | 45.34             | 2.60        | 47.94          | 74.00          | 26.06       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11510.00                                                                                                                                                                              | 36.98             | 2.60        | 39.58          | 54.00          | 14.42       | Vertical     |
| 11510.00                                                                                                                                                                              | 36.65             | 2.60        | 39.25          | 54.00          | 14.75       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5850.00                                                                                                                                                                               | 39.08             | 21.10       | 60.18          | 122.20         | 62.02       | Vertical     |
| 5855.00                                                                                                                                                                               | 39.38             | 21.15       | 60.53          | 110.80         | 50.27       | Vertical     |
| 5875.00                                                                                                                                                                               | 39.19             | 21.36       | 60.55          | 105.20         | 44.65       | Vertical     |
| 5925.00                                                                                                                                                                               | 39.39             | 21.70       | 61.09          | 68.20          | 7.11        | Vertical     |
| 11590.00                                                                                                                                                                              | 45.99             | 2.73        | 48.72          | 74.00          | 25.28       | Vertical     |
| 5850.00                                                                                                                                                                               | 39.87             | 21.10       | 60.97          | 122.20         | 61.23       | Horizontal   |
| 5855.00                                                                                                                                                                               | 39.67             | 21.15       | 60.82          | 110.80         | 49.98       | Horizontal   |
| 5875.00                                                                                                                                                                               | 39.23             | 21.36       | 60.59          | 105.20         | 44.61       | Horizontal   |
| 5925.00                                                                                                                                                                               | 39.26             | 21.70       | 60.96          | 68.20          | 7.24        | Horizontal   |
| 11590.00                                                                                                                                                                              | 44.97             | 2.73        | 47.70          | 74.00          | 26.30       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11590.00                                                                                                                                                                              | 37.20             | 2.73        | 39.93          | 54.00          | 14.07       | Vertical     |
| 11590.00                                                                                                                                                                              | 36.80             | 2.73        | 39.53          | 54.00          | 14.47       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 4: 5725 MHz - 5825 MHz, 8802.11ac-VHT20                                                                                                                                          |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5650.00                                                                                                                                                                               | 40.29             | 20.81       | 61.10          | 68.20          | 7.10        | Vertical     |
| 5700.00                                                                                                                                                                               | 40.69             | 21.58       | 62.27          | 105.20         | 42.93       | Vertical     |
| 5720.00                                                                                                                                                                               | 47.55             | 21.35       | 68.90          | 110.80         | 41.90       | Vertical     |
| 5725.00                                                                                                                                                                               | 55.92             | 21.29       | 77.21          | 122.20         | 44.99       | Vertical     |
| 11490.00                                                                                                                                                                              | 45.82             | 2.44        | 48.26          | 74.00          | 25.74       | Vertical     |
| 5650.00                                                                                                                                                                               | 41.19             | 20.81       | 62.00          | 68.20          | 6.20        | Horizontal   |
| 5700.00                                                                                                                                                                               | 40.59             | 21.58       | 62.17          | 105.20         | 43.03       | Horizontal   |
| 5720.00                                                                                                                                                                               | 47.87             | 21.35       | 69.22          | 110.80         | 41.58       | Horizontal   |
| 5725.00                                                                                                                                                                               | 53.06             | 21.29       | 74.35          | 122.20         | 47.85       | Horizontal   |
| 11490.00                                                                                                                                                                              | 45.88             | 2.44        | 48.32          | 74.00          | 25.68       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11490.00                                                                                                                                                                              | 36.52             | 2.44        | 38.96          | 54.00          | 15.04       | Vertical     |
| 11490.00                                                                                                                                                                              | 36.05             | 2.44        | 38.49          | 54.00          | 15.51       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 45.60             | 2.74        | 48.34          | 74.00          | 25.66       | Vertical     |
| 11570.00                                                                                                                                                                              | 45.70             | 2.74        | 48.44          | 74.00          | 25.56       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 36.94             | 2.74        | 39.68          | 54.00          | 14.32       | Vertical     |
| 11570.00                                                                                                                                                                              | 36.68             | 2.74        | 39.42          | 54.00          | 14.58       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5850.00                                                                                                                                                                               | 43.78             | 21.10       | 64.88          | 122.20         | 57.32       | Vertical     |
| 5855.00                                                                                                                                                                               | 41.59             | 21.15       | 62.74          | 110.80         | 48.06       | Vertical     |
| 5875.00                                                                                                                                                                               | 39.28             | 21.36       | 60.64          | 105.20         | 44.56       | Vertical     |
| 5925.00                                                                                                                                                                               | 39.02             | 21.70       | 60.72          | 68.20          | 7.48        | Vertical     |
| 11650.00                                                                                                                                                                              | 45.81             | 2.00        | 47.81          | 74.00          | 26.19       | Vertical     |
| 5850.00                                                                                                                                                                               | 47.41             | 21.10       | 68.51          | 122.20         | 53.69       | Horizontal   |
| 5855.00                                                                                                                                                                               | 42.88             | 21.15       | 64.03          | 110.80         | 46.77       | Horizontal   |
| 5875.00                                                                                                                                                                               | 40.45             | 21.36       | 61.81          | 105.20         | 43.39       | Horizontal   |
| 5925.00                                                                                                                                                                               | 39.03             | 21.70       | 60.73          | 68.20          | 7.47        | Horizontal   |
| 11650.00                                                                                                                                                                              | 45.30             | 2.00        | 47.30          | 74.00          | 26.70       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11650.00                                                                                                                                                                              | 36.36             | 2.00        | 38.36          | 54.00          | 15.64       | Vertical     |
| 11650.00                                                                                                                                                                              | 35.76             | 2.00        | 37.76          | 54.00          | 16.24       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 4: 5725 MHz - 5825 MHz, 802.11ac-VHT40                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5650.00                                                                                                                                                                               | 41.01             | 20.81       | 61.82          | 68.20          | 6.38        | Vertical     |
| 5700.00                                                                                                                                                                               | 40.75             | 21.58       | 62.33          | 105.20         | 42.87       | Vertical     |
| 5720.00                                                                                                                                                                               | 51.43             | 21.35       | 72.78          | 110.80         | 38.02       | Vertical     |
| 5725.00                                                                                                                                                                               | 52.72             | 21.29       | 74.01          | 122.20         | 48.19       | Vertical     |
| 11510.00                                                                                                                                                                              | 45.73             | 2.60        | 48.33          | 74.00          | 25.67       | Vertical     |
| 5650.00                                                                                                                                                                               | 40.07             | 20.81       | 60.88          | 68.20          | 7.32        | Horizontal   |
| 5700.00                                                                                                                                                                               | 41.32             | 21.58       | 62.90          | 105.20         | 42.30       | Horizontal   |
| 5720.00                                                                                                                                                                               | 52.51             | 21.35       | 73.86          | 110.80         | 36.94       | Horizontal   |
| 5725.00                                                                                                                                                                               | 53.84             | 21.29       | 75.13          | 122.20         | 47.07       | Horizontal   |
| 11510.00                                                                                                                                                                              | 45.19             | 2.60        | 47.79          | 74.00          | 26.21       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11510.00                                                                                                                                                                              | 36.51             | 2.60        | 39.11          | 54.00          | 14.89       | Vertical     |
| 11510.00                                                                                                                                                                              | 36.71             | 2.60        | 39.31          | 54.00          | 14.69       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5850.00                                                                                                                                                                               | 39.35             | 21.10       | 60.45          | 122.20         | 61.75       | Vertical     |
| 5855.00                                                                                                                                                                               | 39.60             | 21.15       | 60.75          | 110.80         | 50.05       | Vertical     |
| 5875.00                                                                                                                                                                               | 39.47             | 21.36       | 60.83          | 105.20         | 44.37       | Vertical     |
| 5925.00                                                                                                                                                                               | 39.77             | 21.70       | 61.47          | 68.20          | 6.73        | Vertical     |
| 11590.00                                                                                                                                                                              | 45.98             | 2.73        | 48.71          | 74.00          | 25.29       | Vertical     |
| 5850.00                                                                                                                                                                               | 39.68             | 21.10       | 60.78          | 122.20         | 61.42       | Horizontal   |
| 5855.00                                                                                                                                                                               | 39.67             | 21.15       | 60.82          | 110.80         | 49.98       | Horizontal   |
| 5875.00                                                                                                                                                                               | 39.43             | 21.36       | 60.79          | 105.20         | 44.41       | Horizontal   |
| 5925.00                                                                                                                                                                               | 39.36             | 21.70       | 61.06          | 68.20          | 7.14        | Horizontal   |
| 11590.00                                                                                                                                                                              | 44.63             | 2.73        | 47.36          | 74.00          | 26.64       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11590.00                                                                                                                                                                              | 37.50             | 2.73        | 40.23          | 54.00          | 13.77       | Vertical     |
| 11590.00                                                                                                                                                                              | 36.84             | 2.73        | 39.57          | 54.00          | 14.43       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

| Band 4: 5725 MHz - 5825 MHz, 802.11ac-VHT80                                                                                                                                           |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5650.00                                                                                                                                                                               | 40.48             | 20.81       | 61.29          | 68.20          | 6.91        | Vertical     |
| 5700.00                                                                                                                                                                               | 40                | 21.58       | 61.58          | 105.20         | 43.62       | Vertical     |
| 5720.00                                                                                                                                                                               | 45.82             | 21.35       | 67.17          | 110.80         | 43.63       | Vertical     |
| 5725.00                                                                                                                                                                               | 43.03             | 21.29       | 64.32          | 122.20         | 57.88       | Vertical     |
| 5850.00                                                                                                                                                                               | 39.87             | 21.10       | 60.97          | 122.20         | 61.23       | Vertical     |
| 5855.00                                                                                                                                                                               | 39.32             | 21.15       | 60.47          | 110.80         | 50.33       | Vertical     |
| 5875.00                                                                                                                                                                               | 39.03             | 21.36       | 60.39          | 105.20         | 44.81       | Vertical     |
| 5925.00                                                                                                                                                                               | 40.45             | 21.70       | 62.15          | 68.20          | 6.05        | Vertical     |
| 11550.00                                                                                                                                                                              | 45.31             | 2.74        | 48.05          | 74.00          | 25.95       | Vertical     |
| 5650.00                                                                                                                                                                               | 41.36             | 20.81       | 62.17          | 68.20          | 6.03        | Horizontal   |
| 5700.00                                                                                                                                                                               | 40.54             | 21.58       | 62.12          | 105.20         | 43.08       | Horizontal   |
| 5720.00                                                                                                                                                                               | 45.71             | 21.35       | 67.06          | 110.80         | 43.74       | Horizontal   |
| 5725.00                                                                                                                                                                               | 44.08             | 21.29       | 65.37          | 122.20         | 56.83       | Horizontal   |
| 5850.00                                                                                                                                                                               | 39.61             | 21.10       | 60.71          | 122.20         | 61.49       | Horizontal   |
| 5855.00                                                                                                                                                                               | 39.46             | 21.15       | 60.61          | 110.80         | 50.19       | Horizontal   |
| 5875.00                                                                                                                                                                               | 39.81             | 21.36       | 61.17          | 105.20         | 44.03       | Horizontal   |
| 5925.00                                                                                                                                                                               | 39.33             | 21.70       | 61.03          | 68.20          | 7.17        | Horizontal   |
| 11550.00                                                                                                                                                                              | 45.54             | 2.74        | 48.28          | 74.00          | 25.72       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11550.00                                                                                                                                                                              | 36.82             | 2.74        | 39.56          | 54.00          | 14.44       | Vertical     |
| 11550.00                                                                                                                                                                              | 36.84             | 2.74        | 39.58          | 54.00          | 14.42       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

-----End of report-----