



# FCC RF Test Report

## (U-NII)

**Report No.:** JYTSZ-R12-2400405

**Applicant:** INFINIX MOBILITY 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.: X6838

Trade Mark: Infinix

**FCC ID:** 2AIZN-X6838

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

**Date of Sample Receipt:** 11 Apr., 2024

**Date of Test:** 12 Apr., to 23 May, 2024

**Date of Report Issued:** 24 May, 2024

**Test Result:** PASS

**Tested by:**

**Date:**

24 May, 2024

**Reviewed by:**

**Date:**

24 May, 2024

**Approved by:**

**Date:**

24 May, 2024

Manager

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.

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## 1 Version

| Version No. | Date         | Description |
|-------------|--------------|-------------|
| 00          | 24 May, 2024 | Original    |
|             |              |             |
|             |              |             |
|             |              |             |
|             |              |             |

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### 3 General Information

#### 3.1 Client Information

|               |                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| Applicant:    | INFINIX MOBILITY LIMITED                                                                                               |
| Address:      | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG                                |
| Manufacturer: | INFINIX MOBILITY 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.:                                       | X6838                                                                         |
| 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:                                    | ANT6:1.52 dBi (declare by applicant)                                          |
| Antenna Transmit Mode:                           | SISO (1TX, 1RX)                                                               |
| Power Supply:                                    | Rechargeable Li-ion Polymer Battery DC3.85V, 4900mAh                          |
| AC Adapter:                                      | Model: U180XSA                                                                |
|                                                  | Input: AC100-240V, 50/60Hz, 0.6A                                              |
|                                                  | Output: DC 5.0V, 2.4A or 7.5V, 2.4A 18.0W MAX                                 |
| 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°C ~ 35°C                                                           |
| Humidity:                                                                                                                                                                                                                                          | 20 % ~ 75 % RH                                                        |
| Atmospheric Pressure:                                                                                                                                                                                                                              | 1008 mbar                                                             |
| Voltage:                                                                                                                                                                                                                                           | Nominal: 3.85 Vdc, Extreme: Low 3.00 Vdc, High 4.40 Vdc               |
| Test Engineer:                                                                                                                                                                                                                                     | Logan Li (Conducted measurement)<br>Kiran Zeng (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)                                                                                                                                                                                                                                                                          | 3.57 dB                                                 |
| Conducted Emission for LISN (150kHz ~ 30MHz)                                                                                                                                                                                                                                                                         | 3.14 dB                                                 |
| Radiated Emission (30MHz ~ 200MHz) (3m SAC)                                                                                                                                                                                                                                                                          | 4.6 dB                                                  |
| Radiated Emission (200MHz ~ 1000MHz) (3m SAC)                                                                                                                                                                                                                                                                        | 5.8 dB                                                  |
| Radiated Emission (1GHz ~ 6GHz) (3m FAR)                                                                                                                                                                                                                                                                             | 4.95 dB                                                 |
| Radiated Emission (6GHz ~ 18GHz) (3m FAR)                                                                                                                                                                                                                                                                            | 5.23 dB                                                 |
| Radiated Emission (18GHz ~ 40GHz) (3m FAR)                                                                                                                                                                                                                                                                           | 5.32 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         | 01-05-2024           | 01-04-2025               |
| BiConiLog Antenna             | Schwarzbeck     | VULB9163        | WXJ002           | 01-09-2024           | 01-08-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ002-2         | 01-05-2024           | 01-04-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-5         | 12-28-2023           | 12-27-2024               |
| Pre-amplifier (30MHz ~ 1GHz)  | Schwarzbeck     | BBV9743B        | WXJ001-2         | 12-27-2023           | 12-26-2024               |
| Pre-amplifier (1GHz ~ 18GHz)  | SKET            | LNPA_0118G-50   | WXJ001-3         | 12-27-2023           | 12-26-2024               |
| Pre-amplifier (18GHz ~ 40GHz) | RF System       | TRLA-180400G45B | WXJ002-7         | 12-28-2023           | 12-27-2024               |
| EMI Test Receiver             | Rohde & Schwarz | ESRP7           | WXJ003-1         | 12-27-2023           | 12-26-2024               |
| Spectrum Analyzer             | Rohde & Schwarz | FSP 30          | WXJ004           | 12-27-2023           | 12-26-2024               |
| Spectrum Analyzer             | KEYSIGHT        | N9010B          | WXJ004-2         | 09-25-2023           | 09-24-2024               |
| Coaxial Cable (30MHz ~ 1GHz)  | JYTSZ           | JYT3M-1G-NN-8M  | WXG001-4         | 01-17-2024           | 01-16-2025               |
| Coaxial Cable (1GHz ~ 18GHz)  | JYTSZ           | JYT3M-18G-NN-8M | WXG001-5         | 01-17-2024           | 01-16-2025               |
| Coaxial Cable (18GHz ~ 40GHz) | JYTSZ           | JYT3M-40G-SS-8M | WXG001-7         | 01-17-2024           | 01-16-2025               |
| Band Reject Filter Group      | Tonscend        | JS0806-F        | WXJ089           | N/A                  |                          |
| Test Software                 | Tonscend        | TS+             | Version: 3.0.0.1 |                      |                          |

| Radiated Emission(3m FAR):       |                 |                 |                |                         |                             |
|----------------------------------|-----------------|-----------------|----------------|-------------------------|-----------------------------|
| Test Equipment                   | Manufacturer    | Model No.       | Manage No.     | Cal. Date<br>(mm-dd-yy) | Cal. Due date<br>(mm-dd-yy) |
| 3m FAR                           | YUNYI           | 9m*6m*6m        | WXJ097         | 06-15-2023              | 06-14-2028                  |
| BiConiLog Antenna                | Schwarzbeck     | VULB9163        | WXJ097-2       | 07-13-2023              | 07-12-2024                  |
| Biconical Antenna                | Schwarzbeck     | VUBA9117        | WXJ002-1       | 07-02-2021              | 07-01-2024                  |
| Horn Antenna                     | Schwarzbeck     | BBHA9120D       | WXJ097-3       | 07-14-2023              | 07-13-2024                  |
| Horn Antenna                     | Schwarzbeck     | BBHA9120D       | WXJ002-3       | 12-28-2023              | 12-27-2024                  |
| Horn Antenna                     | Schwarzbeck     | BBHA9170        | WXJ002-5       | 12-28-2023              | 12-27-2024                  |
| Horn Antenna                     | Schwarzbeck     | BBHA9170        | WXJ002-6       | 12-28-2023              | 12-27-2024                  |
| Pre-amplifier<br>(30MHz ~ 1GHz)  | YUNYI           | PAM-310N        | WXJ097-5       | 05-14-2023              | 05-13-2024                  |
|                                  |                 |                 |                | 04-24-2024              | 04-23-2025                  |
| Pre-amplifier<br>(1GHz ~ 18GHz)  | YUNYI           | PAM-118N        | WXJ097-6       | 05-14-2023              | 05-13-2024                  |
|                                  |                 |                 |                | 04-24-2024              | 04-23-2025                  |
| Pre-amplifier<br>(18GHz ~ 40GHz) | RF System       | TRLA-180400G45B | WXJ002-7       | 12-28-2023              | 12-27-2024                  |
| EMI Test Receiver                | Rohde & Schwarz | ESCI3           | WXJ003         | 12-27-2023              | 12-26-2024                  |
| Spectrum Analyzer                | Rohde & Schwarz | FSP 30          | WXJ004         | 12-27-2023              | 12-26-2024                  |
| Spectrum Analyzer                | KEYSIGHT        | N9010B          | WXJ081-1       | 06-13-2023              | 06-12-2024                  |
| Coaxial Cable<br>(30MHz ~ 1GHz)  | JYTSZ           | JYT3M-1G-NN-13M | WXG097-1       | 08-01-2023              | 07-31-2024                  |
| Coaxial Cable<br>(1GHz ~ 18GHz)  | JYTSZ           | JYT3M-18G-NN-8M | WXG097-2       | 08-01-2023              | 07-31-2024                  |
| Coaxial Cable<br>(18GHz ~ 40GHz) | JYTSZ           | JYT3M-40G-SS-8M | WXG097-3       | 08-01-2023              | 07-31-2024                  |
| High Band Reject Filter<br>Group | Tonscend        | JS0806-F        | WXJ089         | N/A                     |                             |
| Low Band Reject Filter<br>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           | 07-05-2023           | 07-04-2024               |
| LISN                              | Schwarzbeck     | NSLK 8127      | QCJ001-13          | 12-27-2023           | 12-26-2024               |
| LISN                              | Rohde & Schwarz | ESH3-Z5        | WXJ005-1           | 12-27-2023           | 12-26-2024               |
| LISN Coaxial Cable (9kHz ~ 30MHz) | JYTSZ           | JYTCE-1G-NN-2M | WXG003-1           | 01-17-2024           | 01-16-2025               |
| 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         | 11-01-2023           | 10-31-2024               |
| Temperature Humidity Chamber | ZHONG ZHI     | CZ-A-80D   | WXJ032-3         | 01-09-2023           | 01-08-2025               |
| Power Detector Box           | MWRFTTEST     | MW100-PSB  | WXJ007-4         | 09-25-2023           | 09-24-2024               |
| 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

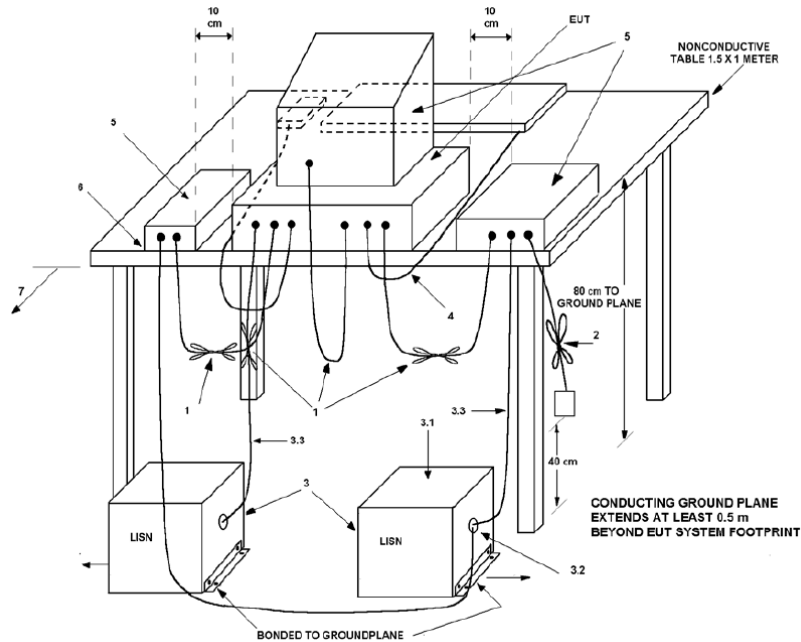
### 4.1 Test Channel

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

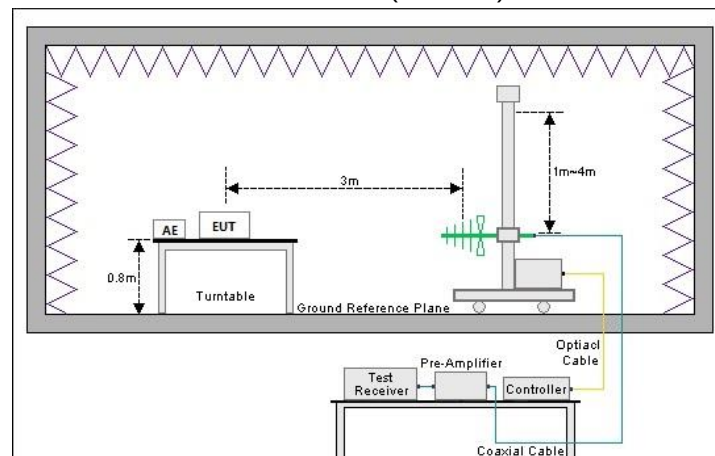
### 1) Conducted emission measurement:

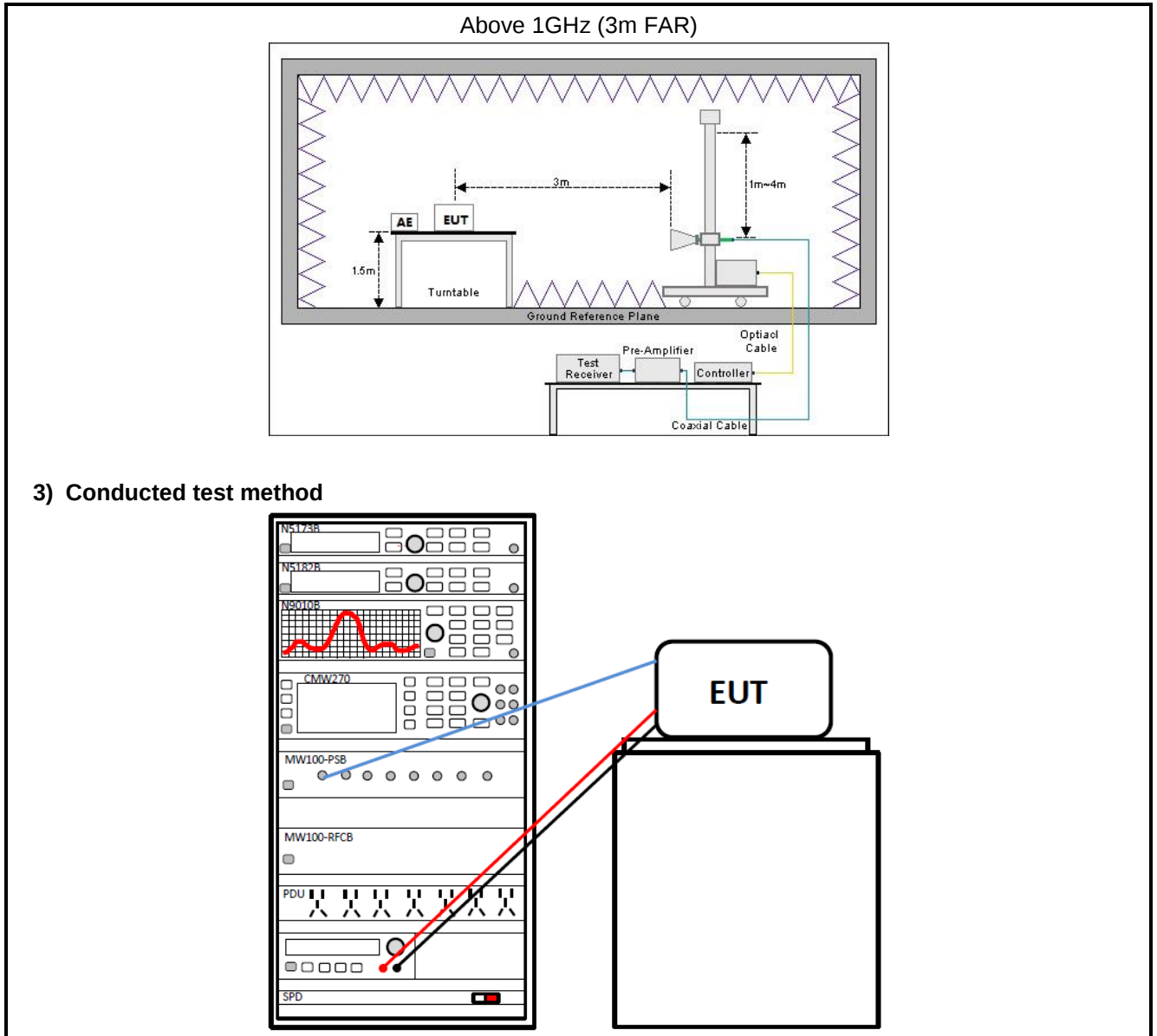


**Note:** The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

### 2) Radiated emission measurement:

Below 1GHz (3m SAC)





### 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)-(B1),<br>(a)(2)-(B2/3), (a)(3)(i)-(B4)                                   | 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) -(B1), (2) -<br>(B2), (3) -(B3), (4) -(B4), (9),<br>(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-R12-2400408.                                                            | 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><br/>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><br/>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><br/>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |              |  |            |         |            |                                |                                |         |    |    |        |    |    |

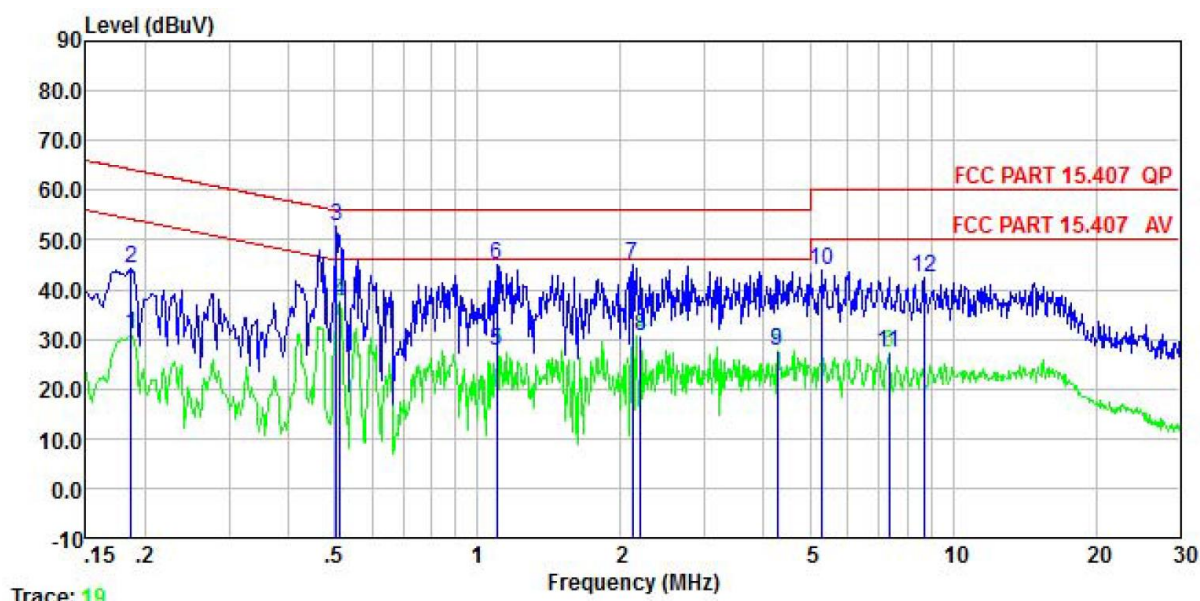
| Unwanted Emissions  | <div><div><div>(1) <b>For transmitters operating in the 5.15-5.25 GHz band:</b> All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of 27 dBm/MHz.</div><div>(2) <b>For transmitters operating in the 5.25-5.35 GHz band:</b> All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of 27 dBm/MHz.</div><div>(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.</div><div>(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.</div><div>(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:</div></div><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><div><div>Note: The more stringent limit applies at transition frequencies.</div><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><div>Note: The measurement bandwidth shall be 1 MHz or greater.</div></div></div> | 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 |
| 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. |                              |
| <b>E.U.T Antenna:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |
| The Wi-Fi antenna is an internal antenna which cannot replace by end-user, the best case gain of the antenna is 1.52 dBi. See product internal photos for details.                                                                                                                                                                                                                                                                                                        |                              |

### 5.3 AC Power Line Conducted Emission

|                 |                  |                |               |
|-----------------|------------------|----------------|---------------|
| Product name:   | Mobile Phone     | Product model: | X6838         |
| Test by:        | Asher Zhang      | Test mode:     | 5G Wi-Fi mode |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Line          |
| Test voltage:   | AC 120 V/60 Hz   |                |               |

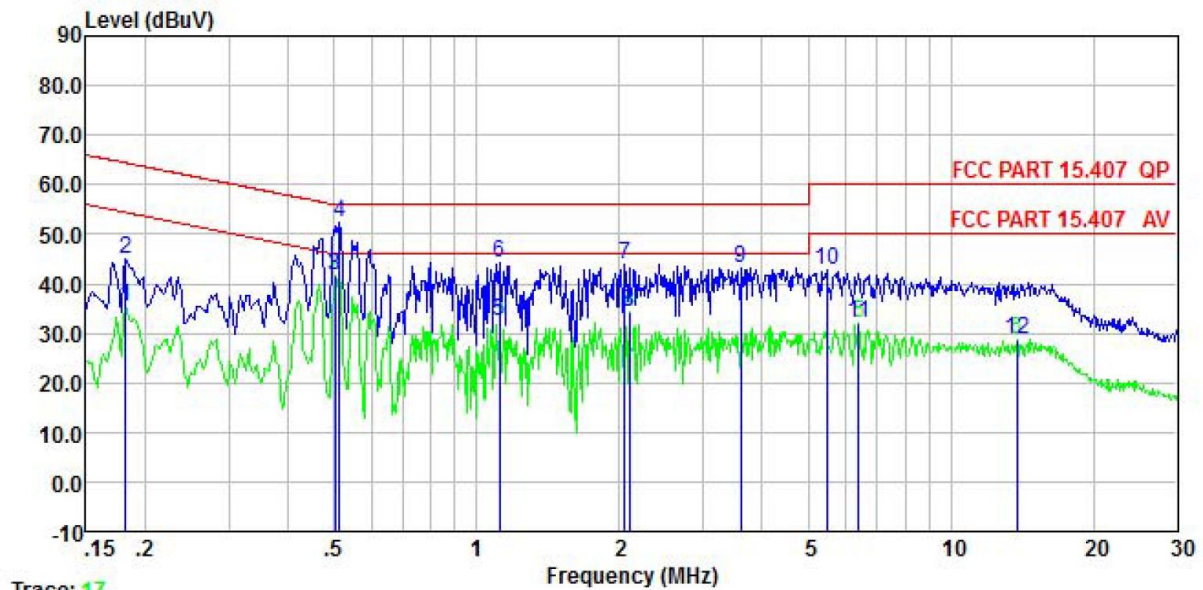


|    | Freq  | Read Level | LISN Factor | Aux Factor | Aux2 Factor | Cable Loss | Level | Limit Line | Over Limit | Remark  |
|----|-------|------------|-------------|------------|-------------|------------|-------|------------|------------|---------|
|    | MHz   | dBuV       | dB          | dB         | dB          | dB         | dBuV  | dBuV       | dB         |         |
| 1  | 0.186 | 20.77      | 0.20        | 0.00       | 9.88        | 0.02       | 30.87 | 54.20      | -23.33     | Average |
| 2  | 0.186 | 34.03      | 0.20        | 0.00       | 9.88        | 0.02       | 44.13 | 64.20      | -20.07     | QP      |
| 3  | 0.505 | 42.60      | 0.20        | 0.00       | 9.88        | 0.03       | 52.71 | 56.00      | -3.29      | QP      |
| 4  | 0.513 | 27.56      | 0.20        | 0.00       | 9.88        | 0.03       | 37.67 | 46.00      | -8.33      | Average |
| 5  | 1.100 | 17.37      | 0.20        | 0.00       | 9.88        | 0.07       | 27.52 | 46.00      | -18.48     | Average |
| 6  | 1.100 | 34.69      | 0.20        | 0.00       | 9.88        | 0.07       | 44.84 | 56.00      | -11.16     | QP      |
| 7  | 2.121 | 34.64      | 0.20        | 0.00       | 9.88        | 0.19       | 44.91 | 56.00      | -11.09     | QP      |
| 8  | 2.201 | 20.31      | 0.20        | 0.00       | 9.88        | 0.18       | 30.57 | 46.00      | -15.43     | Average |
| 9  | 4.269 | 17.63      | 0.20        | 0.00       | 9.89        | 0.08       | 27.80 | 46.00      | -18.20     | Average |
| 10 | 5.305 | 33.75      | 0.20        | 0.00       | 9.89        | 0.09       | 43.93 | 60.00      | -16.07     | QP      |
| 11 | 7.329 | 17.06      | 0.20        | 0.00       | 9.90        | 0.10       | 27.26 | 50.00      | -22.74     | Average |
| 12 | 8.683 | 32.13      | 0.20        | 0.00       | 9.91        | 0.11       | 42.35 | 60.00      | -17.65     | QP      |

#### Remark:

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

|                 |                  |                |               |
|-----------------|------------------|----------------|---------------|
| Product name:   | Mobile Phone     | Product model: | X6838         |
| Test by:        | Asher Zhang      | Test mode:     | 5G Wi-Fi mode |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Neutral       |
| Test voltage:   | AC 120 V/60 Hz   |                |               |



|    | Freq   | Read Level | LISN Factor | Aux Factor | Aux2 Factor | Cable Loss | Level | Limit Line | Over Limit | Remark  |
|----|--------|------------|-------------|------------|-------------|------------|-------|------------|------------|---------|
|    | MHz    | dBuV       | dB          | dB         | dB          | dB         | dBuV  | dBuV       | dB         |         |
| 1  | 0.182  | 25.37      | 0.20        | 0.00       | 9.88        | 0.01       | 35.46 | 54.42      | -18.96     | Average |
| 2  | 0.182  | 34.73      | 0.20        | 0.00       | 9.88        | 0.01       | 44.82 | 64.42      | -19.60     | QP      |
| 3  | 0.502  | 31.46      | 0.20        | 0.00       | 9.88        | 0.03       | 41.57 | 46.00      | -4.43      | Average |
| 4  | 0.513  | 42.13      | 0.20        | 0.00       | 9.88        | 0.03       | 52.24 | 56.00      | -3.76      | QP      |
| 5  | 1.117  | 22.40      | 0.22        | 0.00       | 9.88        | 0.07       | 32.57 | 46.00      | -13.43     | Average |
| 6  | 1.117  | 34.13      | 0.22        | 0.00       | 9.88        | 0.07       | 44.30 | 56.00      | -11.70     | QP      |
| 7  | 2.055  | 33.40      | 0.30        | 0.00       | 9.88        | 0.20       | 43.78 | 56.00      | -12.22     | QP      |
| 8  | 2.099  | 23.98      | 0.30        | 0.00       | 9.88        | 0.19       | 34.35 | 46.00      | -11.65     | Average |
| 9  | 3.603  | 32.91      | 0.30        | 0.00       | 9.89        | 0.08       | 43.18 | 56.00      | -12.82     | QP      |
| 10 | 5.476  | 32.38      | 0.30        | 0.00       | 9.90        | 0.09       | 42.67 | 60.00      | -17.33     | QP      |
| 11 | 6.386  | 21.62      | 0.30        | 0.00       | 9.90        | 0.09       | 31.91 | 50.00      | -18.09     | Average |
| 12 | 13.768 | 18.33      | 0.40        | 0.00       | 9.93        | 0.12       | 28.78 | 50.00      | -21.22     | Average |

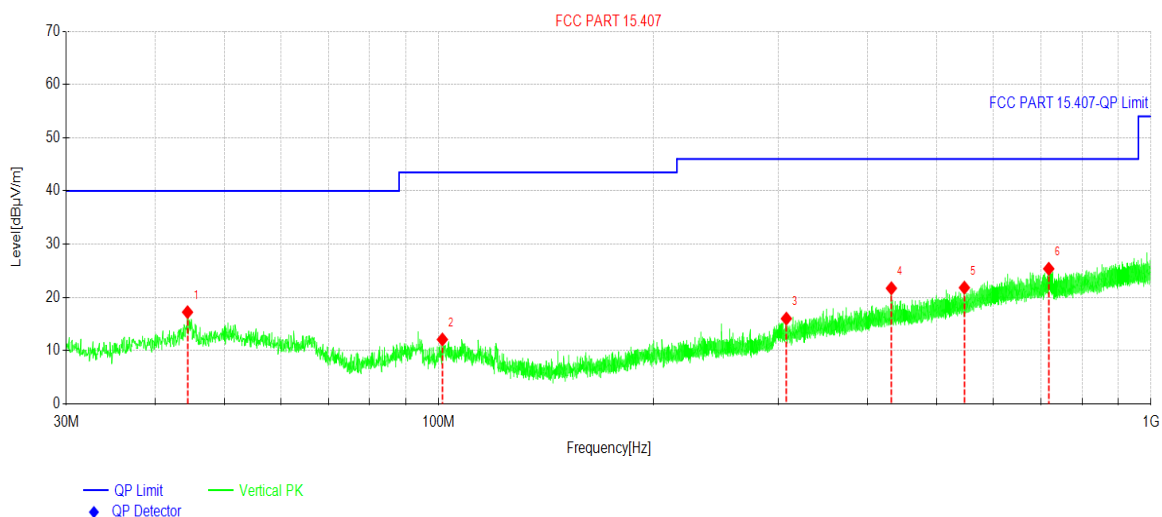
#### Remark:

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

## 5.4 Unwanted Emissions

Below 1GHz:

|                 |                |                |               |
|-----------------|----------------|----------------|---------------|
| Product Name:   | Mobile Phone   | Product Model: | X6838         |
| Test By:        | Kiran Zeng     | Test mode:     | 5G Wi-Fi mode |
| Test Frequency: | 30 MHz ~ 1 GHz | Polarization:  | Vertical      |
| Test Voltage:   | DC 3.85V       |                |               |



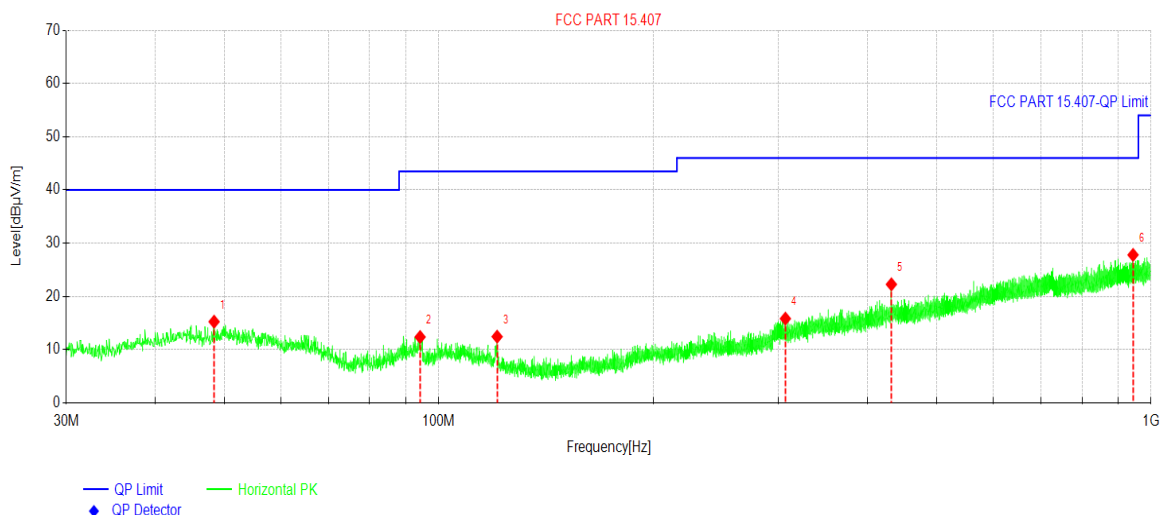
### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Trace | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|-------|----------|
| 1   | 44.4052     | 30.07            | -12.84      | 17.23          | 40.00          | 22.77       | PK    | Vertical |
| 2   | 101.2016    | 26.76            | -14.66      | 12.10          | 43.50          | 31.40       | PK    | Vertical |
| 3   | 307.6764    | 28.94            | -12.93      | 16.01          | 46.00          | 29.99       | PK    | Vertical |
| 4   | 432.0366    | 31.83            | -10.12      | 21.71          | 46.00          | 24.29       | PK    | Vertical |
| 5   | 547.1329    | 29.96            | -8.13       | 21.83          | 46.00          | 24.17       | PK    | Vertical |
| 6   | 718.5889    | 30.44            | -5.06       | 25.38          | 46.00          | 20.62       | PK    | Vertical |

### Remark:

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

|                 |                |                |               |
|-----------------|----------------|----------------|---------------|
| Product Name:   | Mobile Phone   | Product Model: | X6838         |
| 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   | 48.3824     | 27.97            | -12.72      | 15.25          | 40.00          | 24.75       | PK    | Horizontal |
| 2   | 94.1687     | 27.94            | -15.57      | 12.37          | 43.50          | 31.13       | PK    | Horizontal |
| 3   | 120.7965    | 29.11            | -16.67      | 12.44          | 43.50          | 31.06       | PK    | Horizontal |
| 4   | 306.7063    | 28.77            | -12.95      | 15.82          | 46.00          | 30.18       | PK    | Horizontal |
| 5   | 432.0366    | 32.39            | -10.12      | 22.27          | 46.00          | 23.73       | PK    | Horizontal |
| 6   | 943.6402    | 30.21            | -2.41       | 27.80          | 46.00          | 18.20       | 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                                                                                                                                                                               | 61.95             | -6.26       | 55.69          | 74.00          | 18.31       | Vertical     |
| 10360.00                                                                                                                                                                              | 45.96             | 1.27        | 47.23          | 68.20          | 20.97       | Vertical     |
| 5150.00                                                                                                                                                                               | 76.06             | -6.26       | 69.80          | 74.00          | 4.20        | Horizontal   |
| 10360.00                                                                                                                                                                              | 47.06             | 1.27        | 48.33          | 68.20          | 19.87       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 49.99             | -6.26       | 43.73          | 54.00          | 10.27       | Vertical     |
| 5150.00                                                                                                                                                                               | 56.38             | -6.26       | 50.12          | 54.00          | 3.88        | 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                                                                                                                                                                              | 45.64             | 2.39        | 48.03          | 68.20          | 20.17       | Vertical     |
| 10400.00                                                                                                                                                                              | 46.87             | 2.39        | 49.26          | 68.20          | 18.94       | 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                                                                                                                                                                               | 59.51             | -6.32       | 53.19          | 74.00          | 20.81       | Vertical     |
| 10480.00                                                                                                                                                                              | 45.92             | 2.80        | 48.72          | 68.20          | 19.48       | Vertical     |
| 5350.00                                                                                                                                                                               | 60.92             | -6.32       | 54.60          | 74.00          | 19.40       | Horizontal   |
| 10480.00                                                                                                                                                                              | 46.93             | 2.80        | 49.73          | 68.20          | 18.47       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 48.54             | -6.32       | 42.22          | 54.00          | 11.78       | Vertical     |
| 5350.00                                                                                                                                                                               | 49.11             | -6.32       | 42.79          | 54.00          | 11.21       | 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                                                                                                                                                                               | 60.85             | -6.26       | 54.59          | 74.00          | 19.41       | Vertical     |
| 10360.00                                                                                                                                                                              | 46.28             | 1.27        | 47.55          | 68.20          | 20.65       | Vertical     |
| 5150.00                                                                                                                                                                               | 72.78             | -6.26       | 66.52          | 74.00          | 7.48        | Horizontal   |
| 10360.00                                                                                                                                                                              | 47.32             | 1.27        | 48.59          | 68.20          | 19.61       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 49.78             | -6.26       | 43.52          | 54.00          | 10.48       | Vertical     |
| 5150.00                                                                                                                                                                               | 54.38             | -6.26       | 48.12          | 54.00          | 5.88        | 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                                                                                                                                                                              | 45.24             | 2.39        | 47.63          | 68.20          | 20.57       | Vertical     |
| 10400.00                                                                                                                                                                              | 45.69             | 2.39        | 48.08          | 68.20          | 20.12       | 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                                                                                                                                                                               | 59.92             | -6.32       | 53.60          | 74.00          | 20.40       | Vertical     |
| 10480.00                                                                                                                                                                              | 45.85             | 2.80        | 48.65          | 68.20          | 19.55       | Vertical     |
| 5350.00                                                                                                                                                                               | 60.02             | -6.32       | 53.70          | 74.00          | 20.30       | Horizontal   |
| 10480.00                                                                                                                                                                              | 47.07             | 2.80        | 49.87          | 68.20          | 18.33       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 48.83             | -6.32       | 42.51          | 54.00          | 11.49       | Vertical     |
| 5350.00                                                                                                                                                                               | 49.07             | -6.32       | 42.75          | 54.00          | 11.25       | 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                                                                                                                                                                               | 60.75             | -6.26       | 54.49          | 74.00          | 19.51       | Vertical     |
| 10380.00                                                                                                                                                                              | 45.59             | 1.84        | 47.43          | 68.20          | 20.77       | Vertical     |
| 5150.00                                                                                                                                                                               | 69.37             | -6.26       | 63.11          | 74.00          | 10.89       | Horizontal   |
| 10380.00                                                                                                                                                                              | 46.61             | 1.84        | 48.45          | 68.20          | 19.75       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 50.16             | -6.26       | 43.90          | 54.00          | 10.10       | Vertical     |
| 5150.00                                                                                                                                                                               | 56.19             | -6.26       | 49.93          | 54.00          | 4.07        | 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                                                                                                                                                                               | 60.12             | -6.32       | 53.80          | 74.00          | 20.20       | Vertical     |
| 10460.00                                                                                                                                                                              | 46.06             | 1.65        | 47.71          | 68.20          | 20.49       | Vertical     |
| 5350.00                                                                                                                                                                               | 60.96             | -6.32       | 54.64          | 74.00          | 19.36       | Horizontal   |
| 10460.00                                                                                                                                                                              | 46.68             | 1.65        | 48.33          | 68.20          | 19.87       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 49.27             | -6.32       | 42.95          | 54.00          | 11.05       | Vertical     |
| 5350.00                                                                                                                                                                               | 49.16             | -6.32       | 42.84          | 54.00          | 11.16       | 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                                                                                                                                                                               | 61.10             | -6.26       | 54.84          | 74.00          | 19.16       | Vertical     |
| 10360.00                                                                                                                                                                              | 46.44             | 1.27        | 47.71          | 68.20          | 20.49       | Vertical     |
| 5150.00                                                                                                                                                                               | 72.72             | -6.26       | 66.46          | 74.00          | 7.54        | Horizontal   |
| 10360.00                                                                                                                                                                              | 47.41             | 1.27        | 48.68          | 68.20          | 19.52       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 50.21             | -6.26       | 43.95          | 54.00          | 10.05       | Vertical     |
| 5150.00                                                                                                                                                                               | 53.92             | -6.26       | 47.66          | 54.00          | 6.34        | 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                                                                                                                                                                              | 45.56             | 2.39        | 47.95          | 68.20          | 20.25       | Vertical     |
| 10400.00                                                                                                                                                                              | 45.21             | 2.39        | 47.60          | 68.20          | 20.60       | 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                                                                                                                                                                               | 59.46             | -6.32       | 53.14          | 74.00          | 20.86       | Vertical     |
| 10480.00                                                                                                                                                                              | 45.91             | 2.80        | 48.71          | 68.20          | 19.49       | Vertical     |
| 5350.00                                                                                                                                                                               | 59.80             | -6.32       | 53.48          | 74.00          | 20.52       | Horizontal   |
| 10480.00                                                                                                                                                                              | 47.35             | 2.80        | 50.15          | 68.20          | 18.05       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 48.40             | -6.32       | 42.08          | 54.00          | 11.92       | Vertical     |
| 5350.00                                                                                                                                                                               | 49.55             | -6.32       | 43.23          | 54.00          | 10.77       | 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                                                                                                                                                                               | 60.96             | -6.26       | 54.70          | 74.00          | 19.30       | Vertical     |
| 10380.00                                                                                                                                                                              | 45.74             | 1.84        | 47.58          | 68.20          | 20.62       | Vertical     |
| 5150.00                                                                                                                                                                               | 69.29             | -6.26       | 63.03          | 74.00          | 10.97       | Horizontal   |
| 10380.00                                                                                                                                                                              | 46.93             | 1.84        | 48.77          | 68.20          | 19.43       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 50.57             | -6.26       | 44.31          | 54.00          | 9.69        | Vertical     |
| 5150.00                                                                                                                                                                               | 55.69             | -6.26       | 49.43          | 54.00          | 4.57        | 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                                                                                                                                                                               | 60.18             | -6.32       | 53.86          | 74.00          | 20.14       | Vertical     |
| 10460.00                                                                                                                                                                              | 46.07             | 1.65        | 47.72          | 68.20          | 20.48       | Vertical     |
| 5350.00                                                                                                                                                                               | 61.37             | -6.32       | 55.05          | 74.00          | 18.95       | Horizontal   |
| 10460.00                                                                                                                                                                              | 46.61             | 1.65        | 48.26          | 68.20          | 19.94       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 48.97             | -6.32       | 42.65          | 54.00          | 11.35       | Vertical     |
| 5350.00                                                                                                                                                                               | 49.60             | -6.32       | 43.28          | 54.00          | 10.72       | 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                                                                                                                                                                               | 59.94             | -6.26       | 53.68          | 74.00          | 20.32       | Vertical     |
| 5350.00                                                                                                                                                                               | 59.70             | -6.32       | 53.38          | 74.00          | 20.62       | Vertical     |
| 10420.00                                                                                                                                                                              | 45.88             | 1.85        | 47.73          | 68.20          | 20.47       | Vertical     |
| 5150.00                                                                                                                                                                               | 66.62             | -6.26       | 60.36          | 74.00          | 13.64       | Horizontal   |
| 5350.00                                                                                                                                                                               | 59.91             | -6.32       | 53.59          | 74.00          | 20.41       | Horizontal   |
| 10420.00                                                                                                                                                                              | 46.12             | 1.85        | 47.97          | 68.20          | 20.23       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 49.26             | -6.26       | 43.00          | 54.00          | 11.00       | Vertical     |
| 5350.00                                                                                                                                                                               | 48.30             | -6.32       | 41.98          | 54.00          | 12.02       | Vertical     |
| 5150.00                                                                                                                                                                               | 54.74             | -6.26       | 48.48          | 54.00          | 5.52        | Horizontal   |
| 5350.00                                                                                                                                                                               | 48.35             | -6.32       | 42.03          | 54.00          | 11.97       | 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                                                                                                                                                                               | 60.35             | -6.26       | 54.09          | 74.00          | 19.91       | Vertical     |
| 10520.00                                                                                                                                                                              | 47.19             | 3.10        | 50.29          | 68.20          | 17.91       | Vertical     |
| 5150.00                                                                                                                                                                               | 59.25             | -6.26       | 52.99          | 74.00          | 21.01       | Horizontal   |
| 10520.00                                                                                                                                                                              | 49.93             | 3.10        | 53.03          | 68.20          | 15.17       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.89             | -6.26       | 42.63          | 54.00          | 11.37       | Vertical     |
| 5150.00                                                                                                                                                                               | 48.74             | -6.26       | 42.48          | 54.00          | 11.52       | 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                                                                                                                                                                              | 46.92             | 1.96        | 48.88          | 68.20          | 19.32       | Vertical     |
| 10560.00                                                                                                                                                                              | 49.72             | 1.96        | 51.68          | 68.20          | 16.52       | 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                                                                                                                                                                               | 61.54             | -6.32       | 55.22          | 74.00          | 18.78       | Vertical     |
| 10640.00                                                                                                                                                                              | 46.86             | 3.18        | 50.04          | 74.00          | 23.96       | Vertical     |
| 5350.00                                                                                                                                                                               | 77.09             | -6.32       | 70.77          | 74.00          | 3.23        | Horizontal   |
| 10640.00                                                                                                                                                                              | 49.46             | 3.18        | 52.64          | 74.00          | 21.36       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 50.03             | -6.32       | 43.71          | 54.00          | 10.29       | Vertical     |
| 10640.00                                                                                                                                                                              | 38.74             | 3.18        | 41.92          | 54.00          | 12.08       | Vertical     |
| 5350.00                                                                                                                                                                               | 56.48             | -6.32       | 50.16          | 54.00          | 3.84        | Horizontal   |
| 10640.00                                                                                                                                                                              | 37.58             | 3.18        | 40.76          | 54.00          | 13.24       | 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 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                                                                                                                                                                               | 59.94             | -6.26       | 53.68          | 74.00          | 20.32       | Vertical     |
| 10520.00                                                                                                                                                                              | 47.40             | 3.10        | 50.50          | 68.20          | 17.70       | Vertical     |
| 5150.00                                                                                                                                                                               | 59.79             | -6.26       | 53.53          | 74.00          | 20.47       | Horizontal   |
| 10520.00                                                                                                                                                                              | 50.05             | 3.10        | 53.15          | 68.20          | 15.05       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.90             | -6.26       | 42.64          | 54.00          | 11.36       | Vertical     |
| 5150.00                                                                                                                                                                               | 48.84             | -6.26       | 42.58          | 54.00          | 11.42       | 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                                                                                                                                                                              | 46.62             | 1.96        | 48.58          | 68.20          | 19.62       | Vertical     |
| 10560.00                                                                                                                                                                              | 49.36             | 1.96        | 51.32          | 68.20          | 16.88       | 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                                                                                                                                                                               | 61.35             | -6.32       | 55.03          | 74.00          | 18.97       | Vertical     |
| 10640.00                                                                                                                                                                              | 46.71             | 3.18        | 49.89          | 74.00          | 24.11       | Vertical     |
| 5350.00                                                                                                                                                                               | 72.90             | -6.32       | 66.58          | 74.00          | 7.42        | Horizontal   |
| 10640.00                                                                                                                                                                              | 48.98             | 3.18        | 52.16          | 74.00          | 21.84       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 49.65             | -6.32       | 43.33          | 54.00          | 10.67       | Vertical     |
| 10640.00                                                                                                                                                                              | 39.05             | 3.18        | 42.23          | 54.00          | 11.77       | Vertical     |
| 5350.00                                                                                                                                                                               | 55.17             | -6.32       | 48.85          | 54.00          | 5.15        | Horizontal   |
| 10640.00                                                                                                                                                                              | 38.02             | 3.18        | 41.20          | 54.00          | 12.80       | 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                                                                                                                                                                               | 59.53             | -6.26       | 53.27          | 74.00          | 20.73       | Vertical     |
| 10540.00                                                                                                                                                                              | 47.44             | 2.29        | 49.73          | 68.20          | 18.47       | Vertical     |
| 5150.00                                                                                                                                                                               | 60.35             | -6.26       | 54.09          | 74.00          | 19.91       | Horizontal   |
| 10540.00                                                                                                                                                                              | 50.25             | 2.29        | 52.54          | 68.20          | 15.66       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.71             | -6.26       | 42.45          | 54.00          | 11.55       | Vertical     |
| 5150.00                                                                                                                                                                               | 49.37             | -6.26       | 43.11          | 54.00          | 10.89       | 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                                                                                                                                                                               | 61.60             | -6.32       | 55.28          | 74.00          | 18.72       | Vertical     |
| 10620.00                                                                                                                                                                              | 46.77             | 2.66        | 49.43          | 74.00          | 24.57       | Vertical     |
| 5350.00                                                                                                                                                                               | 69.20             | -6.32       | 62.88          | 74.00          | 11.12       | Horizontal   |
| 10620.00                                                                                                                                                                              | 49.28             | 2.66        | 51.94          | 74.00          | 22.06       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 50.39             | -6.32       | 44.07          | 54.00          | 9.93        | Vertical     |
| 10620.00                                                                                                                                                                              | 38.82             | 2.66        | 41.48          | 54.00          | 12.52       | Vertical     |
| 5350.00                                                                                                                                                                               | 56.83             | -6.32       | 50.51          | 54.00          | 3.49        | Horizontal   |
| 10620.00                                                                                                                                                                              | 37.42             | 2.66        | 40.08          | 54.00          | 13.92       | 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-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                                                                                                                                                                               | 60.09             | -6.26       | 53.83          | 74.00          | 20.17       | Vertical     |
| 10520.00                                                                                                                                                                              | 47.14             | 3.10        | 50.24          | 68.20          | 17.96       | Vertical     |
| 5150.00                                                                                                                                                                               | 59.30             | -6.26       | 53.04          | 74.00          | 20.96       | Horizontal   |
| 10520.00                                                                                                                                                                              | 49.69             | 3.10        | 52.79          | 68.20          | 15.41       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.64             | -6.26       | 42.38          | 54.00          | 11.62       | Vertical     |
| 5150.00                                                                                                                                                                               | 48.40             | -6.26       | 42.14          | 54.00          | 11.86       | 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                                                                                                                                                                              | 46.15             | 1.96        | 48.11          | 68.20          | 20.09       | Vertical     |
| 10560.00                                                                                                                                                                              | 49.80             | 1.96        | 51.76          | 68.20          | 16.44       | 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                                                                                                                                                                               | 61.20             | -6.32       | 54.88          | 74.00          | 19.12       | Vertical     |
| 10640.00                                                                                                                                                                              | 46.76             | 3.18        | 49.94          | 74.00          | 24.06       | Vertical     |
| 5350.00                                                                                                                                                                               | 72.61             | -6.32       | 66.29          | 74.00          | 7.71        | Horizontal   |
| 10640.00                                                                                                                                                                              | 48.68             | 3.18        | 51.86          | 74.00          | 22.14       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 50.12             | -6.32       | 43.80          | 54.00          | 10.20       | Vertical     |
| 10640.00                                                                                                                                                                              | 39.26             | 3.18        | 42.44          | 54.00          | 11.56       | Vertical     |
| 5350.00                                                                                                                                                                               | 54.92             | -6.32       | 48.60          | 54.00          | 5.40        | Horizontal   |
| 10640.00                                                                                                                                                                              | 38.20             | 3.18        | 41.38          | 54.00          | 12.62       | 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-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                                                                                                                                                                               | 59.82             | -6.26       | 53.56          | 74.00          | 20.44       | Vertical     |
| 10540.00                                                                                                                                                                              | 47.64             | 2.29        | 49.93          | 74.00          | 24.07       | Vertical     |
| 5150.00                                                                                                                                                                               | 60.33             | -6.26       | 54.07          | 68.20          | 14.13       | Horizontal   |
| 10540.00                                                                                                                                                                              | 50.62             | 2.29        | 52.91          | 68.20          | 15.29       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.38             | -6.26       | 42.12          | 54.00          | 11.88       | Vertical     |
| 5150.00                                                                                                                                                                               | 49.59             | -6.26       | 43.33          | 54.00          | 10.67       | 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                                                                                                                                                                               | 61.24             | -6.32       | 54.92          | 74.00          | 19.08       | Vertical     |
| 10620.00                                                                                                                                                                              | 47.15             | 2.66        | 49.81          | 74.00          | 24.19       | Vertical     |
| 5350.00                                                                                                                                                                               | 69.35             | -6.32       | 63.03          | 74.00          | 10.97       | Horizontal   |
| 10620.00                                                                                                                                                                              | 48.82             | 2.66        | 51.48          | 74.00          | 22.52       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5350.00                                                                                                                                                                               | 49.97             | -6.32       | 43.65          | 54.00          | 10.35       | Vertical     |
| 10620.00                                                                                                                                                                              | 39.22             | 2.66        | 41.88          | 54.00          | 12.12       | Vertical     |
| 5350.00                                                                                                                                                                               | 56.49             | -6.32       | 50.17          | 54.00          | 3.83        | Horizontal   |
| 10620.00                                                                                                                                                                              | 37.10             | 2.66        | 39.76          | 54.00          | 14.24       | 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 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                                                                                                                                                                               | 61.17             | -6.26       | 54.91          | 74.00          | 19.09       | Vertical     |
| 5350.00                                                                                                                                                                               | 60.07             | -6.32       | 53.75          | 74.00          | 20.25       | Vertical     |
| 10580.00                                                                                                                                                                              | 46.19             | 2.05        | 48.24          | 68.20          | 19.96       | Vertical     |
| 5150.00                                                                                                                                                                               | 60.11             | -6.26       | 53.85          | 74.00          | 20.15       | Horizontal   |
| 5350.00                                                                                                                                                                               | 67.75             | -6.32       | 61.43          | 74.00          | 12.57       | Horizontal   |
| 10580.00                                                                                                                                                                              | 50.48             | 2.05        | 52.53          | 68.20          | 15.67       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5150.00                                                                                                                                                                               | 48.73             | -6.26       | 42.47          | 54.00          | 11.53       | Vertical     |
| 5350.00                                                                                                                                                                               | 49.62             | -6.32       | 43.30          | 54.00          | 10.70       | Vertical     |
| 5150.00                                                                                                                                                                               | 48.77             | -6.26       | 42.51          | 54.00          | 11.49       | Horizontal   |
| 5350.00                                                                                                                                                                               | 55.87             | -6.32       | 49.55          | 54.00          | 4.45        | 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                                                                                                                                                                               | 59.41             | -5.78       | 53.63          | 68.20          | 14.57       | Vertical     |
| 11000.00                                                                                                                                                                              | 47.40             | 3.05        | 50.45          | 74.00          | 23.55       | Vertical     |
| 5470.00                                                                                                                                                                               | 67.98             | -5.78       | 62.20          | 68.20          | 6.00        | Horizontal   |
| 11000.00                                                                                                                                                                              | 47.19             | 3.05        | 50.24          | 74.00          | 23.76       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11000.00                                                                                                                                                                              | 37.42             | 3.05        | 40.47          | 54.00          | 13.53       | Vertical     |
| 11000.00                                                                                                                                                                              | 37.28             | 3.05        | 40.33          | 54.00          | 13.67       | 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                                                                                                                                                                              | 47.51             | 2.00        | 49.51          | 74.00          | 24.49       | Vertical     |
| 11120.00                                                                                                                                                                              | 47.12             | 2.00        | 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 |
| 11120.00                                                                                                                                                                              | 36.96             | 2.00        | 38.96          | 54.00          | 15.04       | Vertical     |
| 11120.00                                                                                                                                                                              | 37.69             | 2.00        | 39.69          | 54.00          | 14.31       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 5725.00                                                                                                                                                                               | 60.37             | -6.20       | 54.17          | 68.20          | 14.03       | Vertical     |
| 11400.00                                                                                                                                                                              | 47.36             | 1.96        | 49.32          | 74.00          | 24.68       | Vertical     |
| 5725.00                                                                                                                                                                               | 68.39             | -6.20       | 62.19          | 68.20          | 6.01        | Horizontal   |
| 11400.00                                                                                                                                                                              | 47.06             | 1.96        | 49.02          | 74.00          | 24.98       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11400.00                                                                                                                                                                              | 37.09             | 1.96        | 39.05          | 54.00          | 14.95       | Vertical     |
| 11400.00                                                                                                                                                                              | 37.60             | 1.96        | 39.56          | 54.00          | 14.44       | 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 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                                                                                                                                                                               | 62.04             | -5.78       | 56.26          | 68.20          | 11.94       | Vertical     |
| 11000.00                                                                                                                                                                              | 47.50             | 3.05        | 50.55          | 74.00          | 23.45       | Vertical     |
| 5470.00                                                                                                                                                                               | 70.19             | -5.78       | 64.41          | 68.20          | 3.79        | Horizontal   |
| 11000.00                                                                                                                                                                              | 47.50             | 3.05        | 50.55          | 74.00          | 23.45       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11000.00                                                                                                                                                                              | 36.34             | 3.05        | 39.39          | 54.00          | 14.61       | Vertical     |
| 11000.00                                                                                                                                                                              | 37.20             | 3.05        | 40.25          | 54.00          | 13.75       | 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                                                                                                                                                                              | 47.41             | 2.00        | 49.41          | 74.00          | 24.59       | Vertical     |
| 11120.00                                                                                                                                                                              | 47.04             | 2.00        | 49.04          | 74.00          | 24.96       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 36.82             | 2.00        | 38.82          | 54.00          | 15.18       | Vertical     |
| 11120.00                                                                                                                                                                              | 37.31             | 2.00        | 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 |
| 5725.00                                                                                                                                                                               | 62.83             | -6.20       | 56.63          | 68.20          | 11.57       | Vertical     |
| 11400.00                                                                                                                                                                              | 47.09             | 1.96        | 49.05          | 74.00          | 24.95       | Vertical     |
| 5725.00                                                                                                                                                                               | 69.91             | -6.20       | 63.71          | 68.20          | 4.49        | Horizontal   |
| 11400.00                                                                                                                                                                              | 47.50             | 1.96        | 49.46          | 74.00          | 24.54       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11400.00                                                                                                                                                                              | 36.78             | 1.96        | 38.74          | 54.00          | 15.26       | Vertical     |
| 11400.00                                                                                                                                                                              | 37.57             | 1.96        | 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 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                                                                                                                                                                               | 61.03             | -5.78       | 55.25          | 68.20          | 12.95       | Vertical     |
| 11020.00                                                                                                                                                                              | 47.41             | 2.81        | 50.22          | 74.00          | 23.78       | Vertical     |
| 5470.00                                                                                                                                                                               | 61.03             | -5.78       | 55.25          | 68.20          | 12.95       | Horizontal   |
| 11020.00                                                                                                                                                                              | 47.06             | 2.81        | 49.87          | 74.00          | 24.13       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11020.00                                                                                                                                                                              | 36.34             | 2.81        | 39.15          | 54.00          | 14.85       | Vertical     |
| 11020.00                                                                                                                                                                              | 36.86             | 2.81        | 39.67          | 54.00          | 14.33       | 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                                                                                                                                                                              | 47.14             | 2.41        | 49.55          | 74.00          | 24.45       | Vertical     |
| 11180.00                                                                                                                                                                              | 46.91             | 2.41        | 49.32          | 74.00          | 24.68       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11180.00                                                                                                                                                                              | 37.03             | 2.41        | 39.44          | 54.00          | 14.56       | Vertical     |
| 11180.00                                                                                                                                                                              | 37.23             | 2.41        | 39.64          | 54.00          | 14.36       | 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                                                                                                                                                                               | 66.34             | -6.20       | 60.14          | 68.20          | 8.06        | Vertical     |
| 11340.00                                                                                                                                                                              | 47.44             | 3.58        | 51.02          | 74.00          | 22.98       | Vertical     |
| 5725.00                                                                                                                                                                               | 70.90             | -6.20       | 64.70          | 68.20          | 3.50        | Horizontal   |
| 11340.00                                                                                                                                                                              | 47.40             | 3.58        | 50.98          | 74.00          | 23.02       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11340.00                                                                                                                                                                              | 36.93             | 3.58        | 40.51          | 54.00          | 13.49       | Vertical     |
| 11340.00                                                                                                                                                                              | 37.44             | 3.58        | 41.02          | 54.00          | 12.98       | 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                                                                                                                                                                               | 62.30             | -5.78       | 56.52          | 68.20          | 11.68       | Vertical     |
| 11000.00                                                                                                                                                                              | 47.20             | 3.05        | 50.25          | 74.00          | 23.75       | Vertical     |
| 5470.00                                                                                                                                                                               | 69.70             | -5.78       | 63.92          | 68.20          | 4.28        | Horizontal   |
| 11000.00                                                                                                                                                                              | 47.40             | 3.05        | 50.45          | 74.00          | 23.55       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11000.00                                                                                                                                                                              | 36.60             | 3.05        | 39.65          | 54.00          | 14.35       | Vertical     |
| 11000.00                                                                                                                                                                              | 37.28             | 3.05        | 40.33          | 54.00          | 13.67       | 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                                                                                                                                                                              | 47.57             | 2.00        | 49.57          | 74.00          | 24.43       | Vertical     |
| 11120.00                                                                                                                                                                              | 46.85             | 2.00        | 48.85          | 74.00          | 25.15       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11120.00                                                                                                                                                                              | 36.69             | 2.00        | 38.69          | 54.00          | 15.31       | Vertical     |
| 11120.00                                                                                                                                                                              | 37.57             | 2.00        | 39.57          | 54.00          | 14.43       | 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                                                                                                                                                                               | 63.17             | -6.20       | 56.97          | 68.20          | 11.23       | Vertical     |
| 11400.00                                                                                                                                                                              | 47.36             | 1.96        | 49.32          | 74.00          | 24.68       | Vertical     |
| 5725.00                                                                                                                                                                               | 69.96             | -6.20       | 63.76          | 68.20          | 4.44        | Horizontal   |
| 11400.00                                                                                                                                                                              | 47.23             | 1.96        | 49.19          | 74.00          | 24.81       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11400.00                                                                                                                                                                              | 36.31             | 1.96        | 38.27          | 54.00          | 15.73       | Vertical     |
| 11400.00                                                                                                                                                                              | 37.95             | 1.96        | 39.91          | 54.00          | 14.09       | 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                                                                                                                                                                               | 61.28             | -5.78       | 55.50          | 68.20          | 12.70       | Vertical     |
| 11020.00                                                                                                                                                                              | 47.14             | 2.81        | 49.95          | 74.00          | 24.05       | Vertical     |
| 5470.00                                                                                                                                                                               | 60.80             | -5.78       | 55.02          | 68.20          | 13.18       | Horizontal   |
| 11020.00                                                                                                                                                                              | 47.23             | 2.81        | 50.04          | 74.00          | 23.96       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11020.00                                                                                                                                                                              | 36.60             | 2.81        | 39.41          | 54.00          | 14.59       | Vertical     |
| 11020.00                                                                                                                                                                              | 36.94             | 2.81        | 39.75          | 54.00          | 14.25       | 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                                                                                                                                                                              | 47.24             | 2.41        | 49.65          | 74.00          | 24.35       | Vertical     |
| 11180.00                                                                                                                                                                              | 46.47             | 2.41        | 48.88          | 74.00          | 25.12       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11180.00                                                                                                                                                                              | 36.54             | 2.41        | 38.95          | 54.00          | 15.05       | Vertical     |
| 11180.00                                                                                                                                                                              | 36.73             | 2.41        | 39.14          | 54.00          | 14.86       | 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                                                                                                                                                                               | 66.33             | -6.20       | 60.13          | 68.20          | 8.07        | Vertical     |
| 11340.00                                                                                                                                                                              | 47.89             | 3.58        | 51.47          | 74.00          | 22.53       | Vertical     |
| 5725.00                                                                                                                                                                               | 71.14             | -6.20       | 64.94          | 68.20          | 3.26        | Horizontal   |
| 11340.00                                                                                                                                                                              | 47.09             | 3.58        | 50.67          | 74.00          | 23.33       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11340.00                                                                                                                                                                              | 36.85             | 3.58        | 40.43          | 54.00          | 13.57       | Vertical     |
| 11340.00                                                                                                                                                                              | 37.66             | 3.58        | 41.24          | 54.00          | 12.76       | 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                                                                                                                                                                               | 60.08             | -5.78       | 54.30          | 68.20          | 13.90       | Vertical     |
| 11060.00                                                                                                                                                                              | 47.52             | 2.32        | 49.84          | 74.00          | 24.16       | Vertical     |
| 5470.00                                                                                                                                                                               | 67.49             | -5.78       | 61.71          | 68.20          | 6.49        | Horizontal   |
| 11060.00                                                                                                                                                                              | 47.73             | 2.32        | 50.05          | 74.00          | 23.95       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11060.00                                                                                                                                                                              | 36.50             | 2.32        | 38.82          | 54.00          | 15.18       | Vertical     |
| 11060.00                                                                                                                                                                              | 37.50             | 2.32        | 39.82          | 54.00          | 14.18       | 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                                                                                                                                                                               | 62.22             | -6.20       | 56.02          | 68.20          | 12.18       | Vertical     |
| 11220.00                                                                                                                                                                              | 47.09             | 3.15        | 50.24          | 74.00          | 23.76       | Vertical     |
| 5725.00                                                                                                                                                                               | 65.23             | -6.20       | 59.03          | 68.20          | 9.17        | Horizontal   |
| 11220.00                                                                                                                                                                              | 47.34             | 3.15        | 50.49          | 74.00          | 23.51       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11220.00                                                                                                                                                                              | 36.37             | 3.15        | 39.52          | 54.00          | 14.48       | Vertical     |
| 11220.00                                                                                                                                                                              | 37.67             | 3.15        | 40.82          | 54.00          | 13.18       | 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                                                                                                                                                                               | 52.81             | -6.53       | 46.28          | 68.20          | 21.92       | Vertical     |
| 5700.00                                                                                                                                                                               | 57.92             | -6.49       | 51.43          | 105.20         | 53.77       | Vertical     |
| 5720.00                                                                                                                                                                               | 75.96             | -6.26       | 69.70          | 110.80         | 41.10       | Vertical     |
| 5725.00                                                                                                                                                                               | 82.80             | -6.20       | 76.60          | 122.20         | 45.60       | Vertical     |
| 11490.00                                                                                                                                                                              | 55.46             | 2.44        | 57.90          | 74.00          | 16.10       | Vertical     |
| 5650.00                                                                                                                                                                               | 53.57             | -6.53       | 47.04          | 68.20          | 21.16       | Horizontal   |
| 5700.00                                                                                                                                                                               | 61.41             | -6.49       | 54.92          | 105.20         | 50.28       | Horizontal   |
| 5720.00                                                                                                                                                                               | 81.79             | -6.26       | 75.53          | 110.80         | 35.27       | Horizontal   |
| 5725.00                                                                                                                                                                               | 88.17             | -6.20       | 81.97          | 122.20         | 40.23       | Horizontal   |
| 11490.00                                                                                                                                                                              | 54.59             | 2.44        | 57.03          | 74.00          | 16.97       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11490.00                                                                                                                                                                              | 47.35             | 2.44        | 49.79          | 54.00          | 4.21        | Vertical     |
| 11490.00                                                                                                                                                                              | 43.58             | 2.44        | 46.02          | 54.00          | 7.98        | 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                                                                                                                                                                              | 55.55             | 3.02        | 58.57          | 74.00          | 15.43       | Vertical     |
| 11570.00                                                                                                                                                                              | 55.20             | 3.02        | 58.22          | 74.00          | 15.78       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 47.15             | 3.02        | 50.17          | 54.00          | 3.83        | Vertical     |
| 11570.00                                                                                                                                                                              | 44.03             | 3.02        | 47.05          | 54.00          | 6.95        | 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                                                                                                                                                                               | 75.20             | -5.49       | 69.71          | 122.20         | 52.49       | Vertical     |
| 5855.00                                                                                                                                                                               | 70.01             | -5.51       | 64.50          | 110.80         | 46.30       | Vertical     |
| 5875.00                                                                                                                                                                               | 54.30             | -5.60       | 48.70          | 105.20         | 56.50       | Vertical     |
| 5925.00                                                                                                                                                                               | 53.29             | -5.61       | 47.68          | 68.20          | 20.52       | Vertical     |
| 11650.00                                                                                                                                                                              | 55.38             | 2.24        | 57.62          | 74.00          | 16.38       | Vertical     |
| 5850.00                                                                                                                                                                               | 82.17             | -5.49       | 76.68          | 122.20         | 45.52       | Horizontal   |
| 5855.00                                                                                                                                                                               | 78.65             | -5.51       | 73.14          | 110.80         | 37.66       | Horizontal   |
| 5875.00                                                                                                                                                                               | 55.22             | -5.60       | 49.62          | 105.20         | 55.58       | Horizontal   |
| 5925.00                                                                                                                                                                               | 52.14             | -5.61       | 46.53          | 68.20          | 21.67       | Horizontal   |
| 11650.00                                                                                                                                                                              | 54.71             | 2.24        | 56.95          | 74.00          | 17.05       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11650.00                                                                                                                                                                              | 47.27             | 2.24        | 49.51          | 54.00          | 4.49        | Vertical     |
| 11650.00                                                                                                                                                                              | 43.89             | 2.24        | 46.13          | 54.00          | 7.87        | 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                                                                                                                                                                               | 52.76             | -6.53       | 46.23          | 68.20          | 21.97       | Vertical     |
| 5700.00                                                                                                                                                                               | 57.17             | -6.49       | 50.68          | 105.20         | 54.52       | Vertical     |
| 5720.00                                                                                                                                                                               | 76.26             | -6.26       | 70.00          | 110.80         | 40.80       | Vertical     |
| 5725.00                                                                                                                                                                               | 83.39             | -6.20       | 77.19          | 122.20         | 45.01       | Vertical     |
| 11490.00                                                                                                                                                                              | 55.89             | 2.44        | 58.33          | 74.00          | 15.67       | Vertical     |
| 5650.00                                                                                                                                                                               | 53.60             | -6.53       | 47.07          | 68.20          | 21.13       | Horizontal   |
| 5700.00                                                                                                                                                                               | 60.55             | -6.49       | 54.06          | 105.20         | 51.14       | Horizontal   |
| 5720.00                                                                                                                                                                               | 80.03             | -6.26       | 73.77          | 110.80         | 37.03       | Horizontal   |
| 5725.00                                                                                                                                                                               | 88.67             | -6.20       | 82.47          | 122.20         | 39.73       | Horizontal   |
| 11490.00                                                                                                                                                                              | 54.52             | 2.44        | 56.96          | 74.00          | 17.04       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11490.00                                                                                                                                                                              | 47.34             | 2.44        | 49.78          | 54.00          | 4.22        | Vertical     |
| 11490.00                                                                                                                                                                              | 43.96             | 2.44        | 46.40          | 54.00          | 7.60        | 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                                                                                                                                                                              | 55.70             | 3.02        | 58.72          | 74.00          | 15.28       | Vertical     |
| 11570.00                                                                                                                                                                              | 55.17             | 3.02        | 58.19          | 74.00          | 15.81       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 47.21             | 3.02        | 50.23          | 54.00          | 3.77        | Vertical     |
| 11570.00                                                                                                                                                                              | 44.29             | 3.02        | 47.31          | 54.00          | 6.69        | 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. |                   |             |                |                |             |              |

| 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                                                                                                                                                                               | 72.40             | -5.49       | 66.91          | 122.20         | 55.29       | Vertical     |
| 5855.00                                                                                                                                                                               | 68.86             | -5.51       | 63.35          | 110.80         | 47.45       | Vertical     |
| 5875.00                                                                                                                                                                               | 52.88             | -5.60       | 47.28          | 105.20         | 57.92       | Vertical     |
| 5925.00                                                                                                                                                                               | 52.20             | -5.61       | 46.59          | 68.20          | 21.61       | Vertical     |
| 11650.00                                                                                                                                                                              | 55.10             | 2.24        | 57.34          | 74.00          | 16.66       | Vertical     |
| 5850.00                                                                                                                                                                               | 81.37             | -5.49       | 75.88          | 122.20         | 46.32       | Horizontal   |
| 5855.00                                                                                                                                                                               | 77.46             | -5.51       | 71.95          | 110.80         | 38.85       | Horizontal   |
| 5875.00                                                                                                                                                                               | 58.76             | -5.60       | 53.16          | 105.20         | 52.04       | Horizontal   |
| 5925.00                                                                                                                                                                               | 52.90             | -5.61       | 47.29          | 68.20          | 20.91       | Horizontal   |
| 11650.00                                                                                                                                                                              | 54.54             | 2.24        | 56.78          | 74.00          | 17.22       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11650.00                                                                                                                                                                              | 47.37             | 2.24        | 49.61          | 54.00          | 4.39        | Vertical     |
| 11650.00                                                                                                                                                                              | 43.46             | 2.24        | 45.70          | 54.00          | 8.30        | 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                                                                                                                                                                               | 54.70             | -6.53       | 48.17          | 68.20          | 20.03       | Vertical     |
| 5700.00                                                                                                                                                                               | 69.76             | -6.49       | 63.27          | 105.20         | 41.93       | Vertical     |
| 5720.00                                                                                                                                                                               | 83.74             | -6.26       | 77.48          | 110.80         | 33.32       | Vertical     |
| 5725.00                                                                                                                                                                               | 84.88             | -6.20       | 78.68          | 122.20         | 43.52       | Vertical     |
| 11510.00                                                                                                                                                                              | 54.65             | 2.63        | 57.28          | 74.00          | 16.72       | Vertical     |
| 5650.00                                                                                                                                                                               | 54.10             | -6.53       | 47.57          | 68.20          | 20.63       | Horizontal   |
| 5700.00                                                                                                                                                                               | 72.26             | -6.49       | 65.77          | 105.20         | 39.43       | Horizontal   |
| 5720.00                                                                                                                                                                               | 87.02             | -6.26       | 80.76          | 110.80         | 30.04       | Horizontal   |
| 5725.00                                                                                                                                                                               | 87.97             | -6.20       | 81.77          | 122.20         | 40.43       | Horizontal   |
| 11510.00                                                                                                                                                                              | 54.85             | 2.63        | 57.48          | 74.00          | 16.52       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11510.00                                                                                                                                                                              | 47.42             | 2.63        | 50.05          | 54.00          | 3.95        | Vertical     |
| 11510.00                                                                                                                                                                              | 43.01             | 2.63        | 45.64          | 54.00          | 8.36        | 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                                                                                                                                                                               | 67.63             | -5.49       | 62.14          | 122.20         | 60.06       | Vertical     |
| 5855.00                                                                                                                                                                               | 65.98             | -5.51       | 60.47          | 110.80         | 50.33       | Vertical     |
| 5875.00                                                                                                                                                                               | 56.25             | -5.60       | 50.65          | 105.20         | 54.55       | Vertical     |
| 5925.00                                                                                                                                                                               | 51.81             | -5.61       | 46.20          | 68.20          | 22.00       | Vertical     |
| 11590.00                                                                                                                                                                              | 54.80             | 3.10        | 57.90          | 74.00          | 16.10       | Vertical     |
| 5850.00                                                                                                                                                                               | 71.41             | -5.49       | 65.92          | 122.20         | 56.28       | Horizontal   |
| 5855.00                                                                                                                                                                               | 69.32             | -5.51       | 63.81          | 110.80         | 46.99       | Horizontal   |
| 5875.00                                                                                                                                                                               | 58.95             | -5.60       | 53.35          | 105.20         | 51.85       | Horizontal   |
| 5925.00                                                                                                                                                                               | 52.24             | -5.61       | 46.63          | 68.20          | 21.57       | Horizontal   |
| 11590.00                                                                                                                                                                              | 55.18             | 3.10        | 58.28          | 74.00          | 15.72       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11590.00                                                                                                                                                                              | 47.00             | 3.10        | 50.10          | 54.00          | 3.90        | Vertical     |
| 11590.00                                                                                                                                                                              | 42.60             | 3.10        | 45.70          | 54.00          | 8.30        | 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                                                                                                                                                                               | 52.34             | -6.53       | 45.81          | 68.20          | 22.39       | Vertical     |
| 5700.00                                                                                                                                                                               | 57.50             | -6.49       | 51.01          | 105.20         | 54.19       | Vertical     |
| 5720.00                                                                                                                                                                               | 76.34             | -6.26       | 70.08          | 110.80         | 40.72       | Vertical     |
| 5725.00                                                                                                                                                                               | 83.00             | -6.20       | 76.80          | 122.20         | 45.40       | Vertical     |
| 11490.00                                                                                                                                                                              | 55.92             | 2.44        | 58.36          | 74.00          | 15.64       | Vertical     |
| 5650.00                                                                                                                                                                               | 53.61             | -6.53       | 47.08          | 68.20          | 21.12       | Horizontal   |
| 5700.00                                                                                                                                                                               | 60.85             | -6.49       | 54.36          | 105.20         | 50.84       | Horizontal   |
| 5720.00                                                                                                                                                                               | 79.98             | -6.26       | 73.72          | 110.80         | 37.08       | Horizontal   |
| 5725.00                                                                                                                                                                               | 88.94             | -6.20       | 82.74          | 122.20         | 39.46       | Horizontal   |
| 11490.00                                                                                                                                                                              | 54.53             | 2.44        | 56.97          | 74.00          | 17.03       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11490.00                                                                                                                                                                              | 47.74             | 2.44        | 50.18          | 54.00          | 3.82        | Vertical     |
| 11490.00                                                                                                                                                                              | 43.54             | 2.44        | 45.98          | 54.00          | 8.02        | 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                                                                                                                                                                              | 55.25             | 3.02        | 58.27          | 74.00          | 15.73       | Vertical     |
| 11570.00                                                                                                                                                                              | 54.78             | 3.02        | 57.80          | 74.00          | 16.20       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11570.00                                                                                                                                                                              | 46.93             | 3.02        | 49.95          | 54.00          | 4.05        | Vertical     |
| 11570.00                                                                                                                                                                              | 44.17             | 3.02        | 47.19          | 54.00          | 6.81        | 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                                                                                                                                                                               | 72.04             | -5.49       | 66.55          | 122.20         | 55.65       | Vertical     |
| 5855.00                                                                                                                                                                               | 69.00             | -5.51       | 63.49          | 110.80         | 47.31       | Vertical     |
| 5875.00                                                                                                                                                                               | 53.05             | -5.60       | 47.45          | 105.20         | 57.75       | Vertical     |
| 5925.00                                                                                                                                                                               | 51.79             | -5.61       | 46.18          | 68.20          | 22.02       | Vertical     |
| 11650.00                                                                                                                                                                              | 54.85             | 2.24        | 57.09          | 74.00          | 16.91       | Vertical     |
| 5850.00                                                                                                                                                                               | 81.21             | -5.49       | 75.72          | 122.20         | 46.48       | Horizontal   |
| 5855.00                                                                                                                                                                               | 77.23             | -5.51       | 71.72          | 110.80         | 39.08       | Horizontal   |
| 5875.00                                                                                                                                                                               | 58.97             | -5.60       | 53.37          | 105.20         | 51.83       | Horizontal   |
| 5925.00                                                                                                                                                                               | 52.82             | -5.61       | 47.21          | 68.20          | 20.99       | Horizontal   |
| 11650.00                                                                                                                                                                              | 54.67             | 2.24        | 56.91          | 74.00          | 17.09       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11650.00                                                                                                                                                                              | 47.33             | 2.24        | 49.57          | 54.00          | 4.43        | Vertical     |
| 11650.00                                                                                                                                                                              | 43.88             | 2.24        | 46.12          | 54.00          | 7.88        | 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                                                                                                                                                                               | 54.75             | -6.53       | 48.22          | 68.20          | 19.98       | Vertical     |
| 5700.00                                                                                                                                                                               | 69.46             | -6.49       | 62.97          | 105.20         | 42.23       | Vertical     |
| 5720.00                                                                                                                                                                               | 83.50             | -6.26       | 77.24          | 110.80         | 33.56       | Vertical     |
| 5725.00                                                                                                                                                                               | 85.30             | -6.20       | 79.10          | 122.20         | 43.10       | Vertical     |
| 11510.00                                                                                                                                                                              | 54.58             | 2.63        | 57.21          | 74.00          | 16.79       | Vertical     |
| 5650.00                                                                                                                                                                               | 53.80             | -6.53       | 47.27          | 68.20          | 20.93       | Horizontal   |
| 5700.00                                                                                                                                                                               | 71.91             | -6.49       | 65.42          | 105.20         | 39.78       | Horizontal   |
| 5720.00                                                                                                                                                                               | 86.55             | -6.26       | 80.29          | 110.80         | 30.51       | Horizontal   |
| 5725.00                                                                                                                                                                               | 88.14             | -6.20       | 81.94          | 122.20         | 40.26       | Horizontal   |
| 11510.00                                                                                                                                                                              | 54.96             | 2.63        | 57.59          | 74.00          | 16.41       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11510.00                                                                                                                                                                              | 47.25             | 2.63        | 49.88          | 54.00          | 4.12        | Vertical     |
| 11510.00                                                                                                                                                                              | 43.25             | 2.63        | 45.88          | 54.00          | 8.12        | 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                                                                                                                                                                               | 67.86             | -5.49       | 62.37          | 122.20         | 59.83       | Vertical     |
| 5855.00                                                                                                                                                                               | 66.21             | -5.51       | 60.70          | 110.80         | 50.10       | Vertical     |
| 5875.00                                                                                                                                                                               | 56.00             | -5.60       | 50.40          | 105.20         | 54.80       | Vertical     |
| 5925.00                                                                                                                                                                               | 52.25             | -5.61       | 46.64          | 68.20          | 21.56       | Vertical     |
| 11590.00                                                                                                                                                                              | 54.50             | 3.10        | 57.60          | 74.00          | 16.40       | Vertical     |
| 5850.00                                                                                                                                                                               | 71.38             | -5.49       | 65.89          | 122.20         | 56.31       | Horizontal   |
| 5855.00                                                                                                                                                                               | 69.67             | -5.51       | 64.16          | 110.80         | 46.64       | Horizontal   |
| 5875.00                                                                                                                                                                               | 58.71             | -5.60       | 53.11          | 105.20         | 52.09       | Horizontal   |
| 5925.00                                                                                                                                                                               | 52.23             | -5.61       | 46.62          | 68.20          | 21.58       | Horizontal   |
| 11590.00                                                                                                                                                                              | 55.22             | 3.10        | 58.32          | 74.00          | 15.68       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11590.00                                                                                                                                                                              | 47.35             | 3.10        | 50.45          | 54.00          | 3.55        | Vertical     |
| 11590.00                                                                                                                                                                              | 42.35             | 3.10        | 45.45          | 54.00          | 8.55        | 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                                                                                                                                                                               | 60.06             | -6.53       | 53.53          | 68.20          | 14.67       | Vertical     |
| 5700.00                                                                                                                                                                               | 75.55             | -6.49       | 69.06          | 105.20         | 36.14       | Vertical     |
| 5720.00                                                                                                                                                                               | 79.23             | -6.26       | 72.97          | 110.80         | 37.83       | Vertical     |
| 5725.00                                                                                                                                                                               | 80.14             | -6.20       | 73.94          | 122.20         | 48.26       | Vertical     |
| 5850.00                                                                                                                                                                               | 75.52             | -5.49       | 70.03          | 122.20         | 52.17       | Vertical     |
| 5855.00                                                                                                                                                                               | 70.91             | -5.51       | 65.40          | 110.80         | 45.40       | Vertical     |
| 5875.00                                                                                                                                                                               | 64.29             | -5.60       | 58.69          | 105.20         | 46.51       | Vertical     |
| 5925.00                                                                                                                                                                               | 53.05             | -5.61       | 47.44          | 68.20          | 20.76       | Vertical     |
| 11550.00                                                                                                                                                                              | 54.37             | 2.95        | 57.32          | 74.00          | 16.68       | Vertical     |
| 5650.00                                                                                                                                                                               | 61.72             | -6.53       | 55.19          | 68.20          | 13.01       | Horizontal   |
| 5700.00                                                                                                                                                                               | 78.35             | -6.49       | 71.86          | 105.20         | 33.34       | Horizontal   |
| 5720.00                                                                                                                                                                               | 82.42             | -6.26       | 76.16          | 110.80         | 34.64       | Horizontal   |
| 5725.00                                                                                                                                                                               | 83.62             | -6.20       | 77.42          | 122.20         | 44.78       | Horizontal   |
| 5850.00                                                                                                                                                                               | 77.37             | -5.49       | 71.88          | 122.20         | 50.32       | Horizontal   |
| 5855.00                                                                                                                                                                               | 75.15             | -5.51       | 69.64          | 110.80         | 41.16       | Horizontal   |
| 5875.00                                                                                                                                                                               | 67.35             | -5.60       | 61.75          | 105.20         | 43.45       | Horizontal   |
| 5925.00                                                                                                                                                                               | 56.79             | -5.61       | 51.18          | 68.20          | 17.02       | Horizontal   |
| 11550.00                                                                                                                                                                              | 55.22             | 2.95        | 58.17          | 74.00          | 15.83       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 11550.00                                                                                                                                                                              | 47.30             | 2.95        | 50.25          | 54.00          | 3.75        | Vertical     |
| 11550.00                                                                                                                                                                              | 42.56             | 2.95        | 45.51          | 54.00          | 8.49        | 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-----