

# **FCC REPORT**

## **(WIFI)**

**Applicant:** HMD global Oy

**Address of Applicant:** Bertel Jungin aukio 9, 02600 Espoo, Finland

### **Equipment Under Test (EUT)**

**Product Name:** Smart Phone

**Model No.:** TA-1361

**Trade mark:** NOKIA

**FCC ID:** 2AJOTTA-1361

**Applicable standards:** FCC CFR Title 47 Part 15 Subpart C Section 15.247

**Date of sample receipt:** 19 Aug., 2021

**Date of Test:** 20 Aug., to 28 Aug., 2021

**Date of report issued:** 30 Aug., 2021

**Test Result:** PASS\*

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang  
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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## 2 Version

| Version No. | Date          | Description |
|-------------|---------------|-------------|
| 00          | 30 Aug., 2021 | Original    |
|             |               |             |
|             |               |             |
|             |               |             |

*This application for FCC ID: 2AJOTTA-1361 is reusing data from the application for a variant of device 2AJOTTA-1370. The two devices have identical internal printed circuit board layouts, have a common design and components, where 2AJOTTA-1361 differ only in the depopulation of components for the purposes of removing some frequency bands. Therefore in this report only the radiated spurious emissions was spot check.*

Tested by: Mike Ou Date: 30 Aug., 2021  
Test Engineer

Reviewed by: Winner Zhang Date: 30 Aug., 2021  
Project Engineer

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## 4 Test Summary

| Test Items                                                                                                                                                                                               | Section in CFR 47                                              | Test Data                                            | Result                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Antenna requirement                                                                                                                                                                                      | 15.203 & 15.247 (b)                                            | See Section 6.1                                      | Pass                                                 |
| AC Power Line Conducted Emission                                                                                                                                                                         | 15.207                                                         | See Section 6.2                                      | Pass                                                 |
| Conducted Peak Output Power                                                                                                                                                                              | 15.247 (b)(3)                                                  | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) |
| 6dB Emission Bandwidth                                                                                                                                                                                   | 15.247 (a)(2)                                                  | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) |
| Power Spectral Density                                                                                                                                                                                   | 15.247 (e)                                                     | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) |
| Conducted Band Edge                                                                                                                                                                                      | 15.247 (d) & 15.205 & 15.209                                   | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) |
| Radiated Band Edge                                                                                                                                                                                       |                                                                | See Section 6.3.1                                    | Pass                                                 |
| Conducted Spurious Emission                                                                                                                                                                              | 15.205 & 15.209                                                | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) | Refer to the report:<br>SRTC2021-9004(F)-21082803(F) |
| Radiated Spurious Emission                                                                                                                                                                               |                                                                | See Section 6.4.1                                    | Pass                                                 |
| <b>Remark:</b><br>1. Pass: The EUT complies with the essential requirements in the standard.<br>2. The report: SRTC2021-9004(F)-21082803(F), issued by The State Radio_monitoring_center Testing Center. |                                                                |                                                      |                                                      |
| <b>Test Method:</b>                                                                                                                                                                                      | ANSI C63.10-2013<br>KDB 558074 D01 15.247 Meas Guidance v05r02 |                                                      |                                                      |

## 5 General Information

### 5.1 Client Information

|               |                                             |
|---------------|---------------------------------------------|
| Applicant:    | HMD global Oy                               |
| Address:      | Bertel Jungin aukio 9, 02600 Espoo, Finland |
| Manufacturer: | HMD global Oy                               |
| Address:      | Bertel Jungin aukio 9, 02600 Espoo, Finland |

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

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:                                    | Smart Phone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Model No.:                                       | TA-1361                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Operation Frequency:                             | 2412MHz~2462MHz: 802.11b/802.11g/802.11n(HT20)<br>2422MHz~2452MHz: 802.11n(HT40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Channel numbers:                                 | 11: 802.11b/802.11g/802.11(HT20)<br>7: 802.11n(HT40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Channel separation:                              | 5MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Modulation technology:<br>(IEEE 802.11b)         | Direct Sequence Spread Spectrum (DSSS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Modulation technology:<br>(IEEE 802.11g/802.11n) | Orthogonal Frequency Division Multiplexing(OFDM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Data speed (IEEE 802.11b):                       | 1Mbps, 2Mbps, 5.5Mbps, 11Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Data speed (IEEE 802.11g):                       | 6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Data speed (IEEE 802.11n):                       | Up to 150Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Antenna Type:                                    | Internal Antenna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Antenna gain:                                    | -2.5dBi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power supply:                                    | Rechargeable Lithium ion Polymer Battery DC3.85V, 4.85Ah                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| AC adapter:                                      | Adapter 1:<br>Model: TN-050200U3, TN-050200E3, TN-050200C3A<br>Input: AC100-240V, 50/60Hz, 0.35A<br>Output: DC 5.0V, 2.0A 10.0W<br>Note: Only the pins are different between different models<br>Adapter 2:<br>Model: TN-050200U3, TN-050200A3, TN-050200C3A<br>Input: AC100-240V, 50/60Hz, 0.35A<br>Output: DC 5.0V, 2.0A 10.0W<br>Note: Only the pins are different between different models<br>Adapter 3:<br>Model: AD-010A, AD-010X<br>Input: AC100-240V, 50/60Hz, 0.35A<br>Output: DC 5.0V, 2.0A 10.0W<br>Note: Only the pins are different between different models |
| Test Sample Condition:                           | The test samples were provided in good working order with no visible defects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Operation Frequency each of channel for 802.11b/g/n(HT20) |           |         |           |         |           |         |           |
|-----------------------------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel                                                   | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 1                                                         | 2412MHz   | 4       | 2427MHz   | 7       | 2442MHz   | 10      | 2457MHz   |
| 2                                                         | 2417MHz   | 5       | 2432MHz   | 8       | 2447MHz   | 11      | 2462MHz   |
| 3                                                         | 2422MHz   | 6       | 2437MHz   | 9       | 2452MHz   |         |           |

Note:

- For 802.11n-HT40 mode, the channel number is from 3 to 9;
- Channel 1, 6 & 11 selected for 802.11b/g/n-HT20 as Lowest, Middle and Highest channel. Channel 3, 6 & 9 selected for 802.11n-HT40 as Lowest, Middle and Highest Channel.

### 5.3 Test environment and mode

| Operating Environment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Temperature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 24.0 °C                                                 |
| Humidity:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 54 % RH                                                 |
| Atmospheric Pressure:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1010 mbar                                               |
| Test mode:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |
| Transmitting mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Keep the EUT in continuous transmitting with modulation |
| <p>Radiated Emission: The sample was placed 0.8m (below 1GHz)/1.5m (above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y &amp; Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.</p> <p>We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:</p> |                                                         |
| Per-scan all kind of data rate, the follow list were the worst case.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                         |
| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Data rate                                               |
| 802.11b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1Mbps                                                   |
| 802.11g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6Mbps                                                   |
| 802.11n(HT20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6.5Mbps                                                 |
| 802.11n(HT40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 13.5Mbps                                                |

### 5.4 Description of Support Units

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

### 5.5 Measurement Uncertainty

| Parameter                                    | Expanded Uncertainty<br>(Confidence of 95%(U = 2Uc(y))) |
|----------------------------------------------|---------------------------------------------------------|
| Conducted Emission (9kHz ~ 30MHz)            | ±2.62 dB (k=2)                                          |
| Radiated Emission (9kHz ~ 30MHz) (3m SAC)    | ±3.13 dB                                                |
| Radiated Emission (30MHz ~ 1000MHz) (3m SAC) | ±4.45 dB                                                |
| Radiated Emission (1GHz ~ 18GHz) (3m SAC)    | ±5.34 dB                                                |
| Radiated Emission (18GHz ~ 40GHz) (3m SAC)   | ±5.34 dB                                                |

**Note:** The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.26-2015. 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.

## 5.6 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 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.

- **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>

## 5.7 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://www.ccis-cb.com>

## 5.8 Test Instruments list

| Radiated Emission:            |                 |                 |                   |                     |                          |
|-------------------------------|-----------------|-----------------|-------------------|---------------------|--------------------------|
| Test Equipment                | Manufacturer    | Model No.       | Management Number | Cal.Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 3m SAC                        | SAEMC           | 9m*6m*6m        | WXJ001-1          | 01-19-2021          | 01-18-2024               |
| BiConiLog Antenna             | SCHWARZBECK     | VULB9163        | WXJ002            | 03-03-2021          | 03-02-2022               |
| Biconical Antenna             | SCHWARZBECK     | VUBA9117        | WXJ002-1          | 06-20-2021          | 06-19-2022               |
| Horn Antenna                  | SCHWARZBECK     | BBHA9120D       | WXJ002-2          | 03-03-2021          | 03-02-2022               |
| Horn Antenna                  | SCHWARZBECK     | BBHA9120D       | WXJ002-3          | 06-18-2021          | 06-17-2022               |
| Loop Antenna                  | SCHWARZBECK     | FMZB 1519 B     | WXJ002-4          | 03-07-2021          | 03-06-2022               |
| Pre-amplifier (30MHz ~ 1GHz)  | HP              | 8447D           | WXG001-2          | 03-07-2021          | 03-06-2022               |
| Pre-amplifier (1GHz ~ 18GHz)  | SKET            | LNPA_0118G-50   | WXG001-3          | 03-07-2021          | 03-06-2022               |
| Pre-amplifier (18GHz ~ 40GHz) | RF System       | TRLA-180400G45B | WXG001-9          | 03-07-2021          | 03-06-2022               |
| EMI Test Receiver             | Rohde & Schwarz | ESRP7           | WXJ003-1          | 03-03-2021          | 03-02-2022               |
| Spectrum analyzer             | Rohde & Schwarz | FSP30           | WXJ004            | 03-03-2021          | 03-02-2022               |
| Spectrum Analyzer             | KEYSIGHT        | N9010B          | WXJ004-2          | 11-27-2020          | 11-26-2021               |
| Coaxial Cable (30MHz ~ 1GHz)  | JYT             | JYT3M-1G-NN-8M  | WXG001-4          | 03-07-2021          | 03-06-2022               |
| Coaxial Cable (1GHz ~ 18GHz)  | JYT             | JYT3M-18G-NN-8M | WXG001-5          | 03-07-2021          | 03-06-2022               |
| Coaxial Cable (9kHz ~ 30MHz)  | JYT             | JYT3M-1G-BB-5M  | WXG001-6          | 03-07-2021          | 03-06-2022               |
| Coaxial Cable (1GHz ~ 18GHz)  | JYT             | JYT3M-40G-SS-8M | WXG001-7          | 03-07-2021          | 03-06-2022               |
| RF Switch Unit                | Tonscend        | JS0806-F        | WXJ089            | N/A                 |                          |
| Test Software                 | Tonscend        | TS+             | Version: 3.0.0.1  |                     |                          |

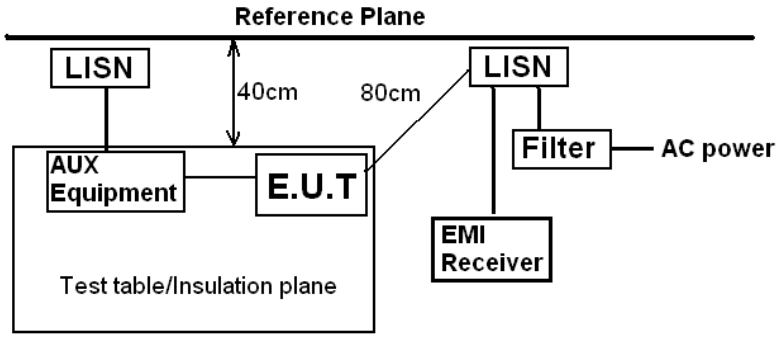
| Conducted Emission: |                 |                |                    |                      |                          |
|---------------------|-----------------|----------------|--------------------|----------------------|--------------------------|
| Test Equipment      | Manufacturer    | Model No.      | Management Number  | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| EMI Test Receiver   | Rohde & Schwarz | ESCI           | WXJ003             | 03-03-2021           | 03-02-2022               |
| LISN                | Rohde & Schwarz | ENV432         | WXJ005-2           | 04-06-2021           | 04-05-2022               |
| LISN                | Rohde & Schwarz | ESH3-Z5        | WXJ005-1           | 06-17-2020           | 06-16-2022               |
| Coaxial Cable       | JYT             | JYTCE-1G-NN-2M | WXG003-1           | 03-03-2021           | 03-02-2022               |
| RF Switch           | Top Precision   | RSU0301        | WXG003             | N/A                  | N/A                      |
| EMI Test Software   | AUDIX           | E3             | Version: 6.110919b |                      |                          |

## 6 Test results and Measurement Data

### 6.1 Antenna requirement

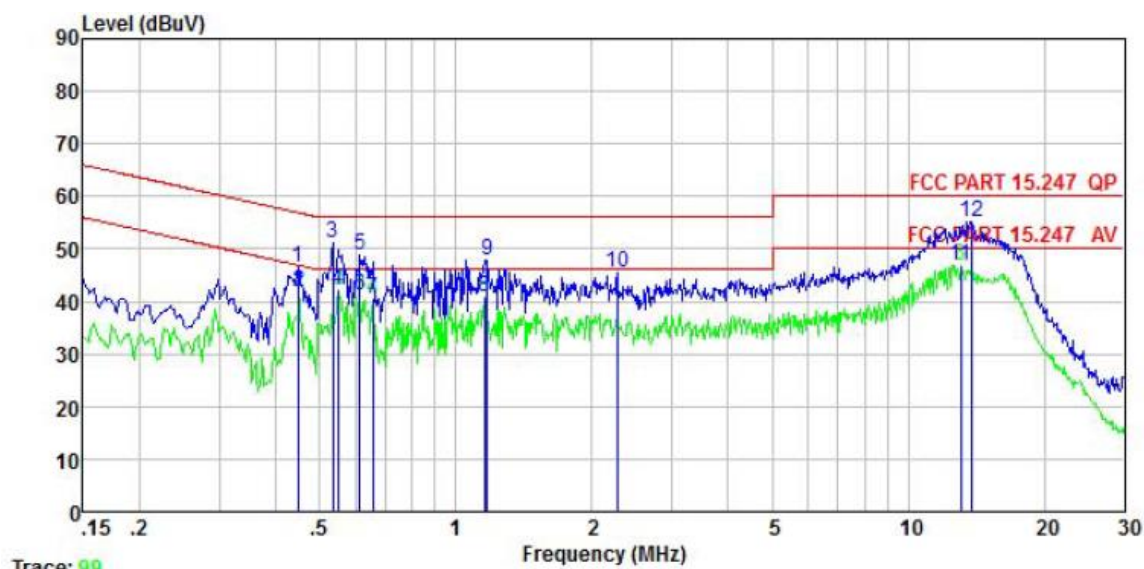
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Standard requirement:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FCC Part 15 C Section 15.203 /247(b) |
| <p>15.203 requirement:<br/>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</p> <p>15.247(b) (4) requirement:<br/>(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.</p> |                                      |
| <b>E.U.T Antenna:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      |
| <p>The Wi-Fi antenna is an Internal antenna which cannot replace by end-user, the best case gain of the antenna is -2.5 dBi.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |

## 6.2 Conducted Emission

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| Test Requirement:     | FCC Part 15 C Section 15.207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |           |
| Test Frequency Range: | 150 kHz to 30 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |           |
| Class / Severity:     | Class B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |           |
| Receiver setup:       | RBW=9 kHz, VBW=30 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |           |
| Limit:                | Frequency range (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit (dBuV) |           |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quasi-peak   | Average   |
|                       | 0.15-0.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 66 to 56*    | 56 to 46* |
|                       | 0.5-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 56           | 46        |
|                       | 5-30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60           | 50        |
|                       | * Decreases with the logarithm of the frequency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |           |
| Test procedure        | <ol style="list-style-type: none"> <li>The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.), which provides a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>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>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(latest version) on conducted measurement.</li> </ol> |              |           |
| Test setup:           |  <p>Remark:<br/>E.U.T: Equipment Under Test<br/>LISN: Line Impedance Stabilization Network<br/>Test table height=0.8m</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |           |
| Test Instruments:     | Refer to section 5.8 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |           |
| Test mode:            | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |           |
| Test results:         | Passed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |           |
| Remark:               | <ol style="list-style-type: none"> <li>Pre-Scan all adapter and all modulation , And the report only reflects the worst mode</li> <li>Quoting the FCC ID: 2AJOTTA-1370 report.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |           |

## Measurement Data:

|                 |                  |                |                       |
|-----------------|------------------|----------------|-----------------------|
| Product name:   | Smart Phone      | Product model: | TA-1361               |
| Test by:        | Mike             | Test mode:     | Wi-Fi Tx mode         |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Line                  |
| Test voltage:   | AC 120 V/60 Hz   | Environment:   | Temp: 22.5℃ Humi: 55% |

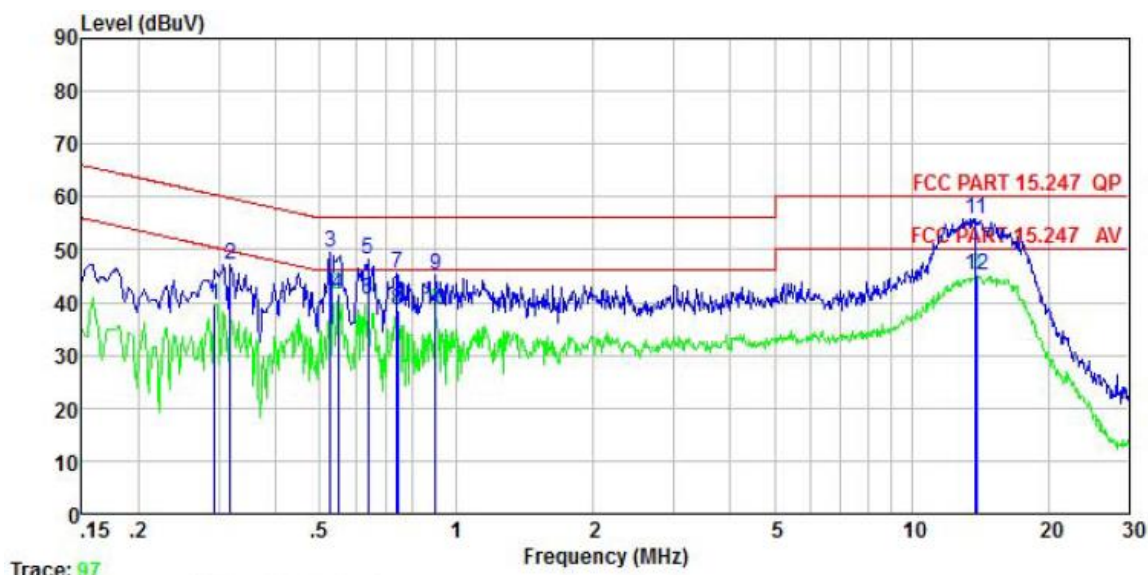


|    | Freq   | Read Level | LISN Factor | Aux Factor | Cable Loss | Level | Limit Line | Over Limit | Remark  |
|----|--------|------------|-------------|------------|------------|-------|------------|------------|---------|
|    | MHz    | dBuV       | dB          | dB         | dB         | dBuV  | dBuV       | dB         |         |
| 1  | 0.447  | 36.00      | 10.28       | 0.05       | 0.03       | 46.36 | 56.93      | -10.57     | QP      |
| 2  | 0.449  | 31.49      | 10.28       | 0.02       | 0.03       | 41.82 | 46.89      | -5.07      | Average |
| 3  | 0.535  | 41.07      | 10.29       | -0.36      | 0.03       | 51.03 | 56.00      | -4.97      | QP      |
| 4  | 0.549  | 32.12      | 10.29       | -0.36      | 0.02       | 42.07 | 46.00      | -3.93      | Average |
| 5  | 0.614  | 38.74      | 10.30       | -0.38      | 0.02       | 48.68 | 56.00      | -7.32      | QP      |
| 6  | 0.614  | 31.10      | 10.30       | -0.38      | 0.02       | 41.04 | 46.00      | -4.96      | Average |
| 7  | 0.654  | 30.57      | 10.30       | -0.39      | 0.03       | 40.51 | 46.00      | -5.49      | Average |
| 8  | 1.160  | 30.28      | 10.32       | 0.29       | 0.08       | 40.97 | 46.00      | -5.03      | Average |
| 9  | 1.172  | 37.00      | 10.32       | 0.29       | 0.09       | 47.70 | 56.00      | -8.30      | QP      |
| 10 | 2.273  | 35.36      | 10.34       | -0.28      | 0.17       | 45.59 | 56.00      | -10.41     | QP      |
| 11 | 13.057 | 32.92      | 10.71       | 3.01       | 0.11       | 46.75 | 50.00      | -3.25      | Average |
| 12 | 13.768 | 41.12      | 10.73       | 3.24       | 0.12       | 55.21 | 60.00      | -4.79      | QP      |

## Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Aux Factor + Cable Loss.

|                 |                  |                |                       |
|-----------------|------------------|----------------|-----------------------|
| Product name:   | Smart Phone      | Product model: | TA-1361               |
| Test by:        | Mike             | Test mode:     | Wi-Fi Tx mode         |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Neutral               |
| Test voltage:   | AC 120 V/60 Hz   | Environment:   | Temp: 22.5℃ Humi: 55% |



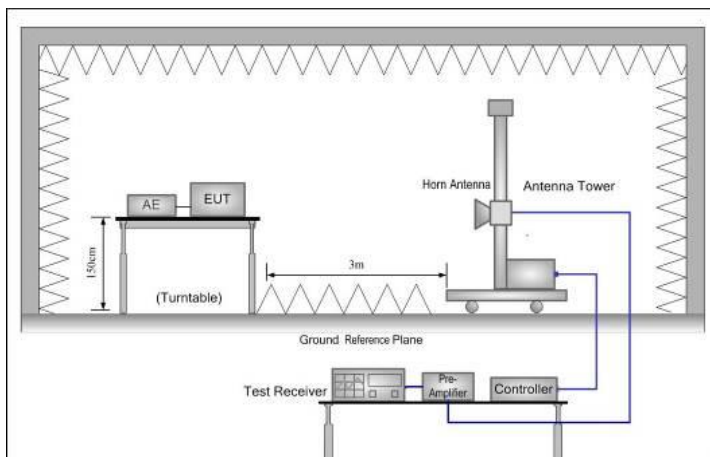
|    | Freq   | Read Level | LISN Factor | Aux Factor | Cable Loss | Level | Limit Line | Over Limit | Remark  |
|----|--------|------------|-------------|------------|------------|-------|------------|------------|---------|
|    | MHz    | dBuV       | dB          | dB         | dB         | dBuV  | dBuV       | dB         |         |
| 1  | 0.294  | 29.35      | 10.25       | 0.01       | 0.03       | 39.64 | 50.41      | -10.77     | Average |
| 2  | 0.318  | 37.02      | 10.25       | -0.01      | 0.03       | 47.29 | 59.75      | -12.46     | QP      |
| 3  | 0.527  | 39.06      | 10.28       | 0.03       | 0.03       | 49.40 | 56.00      | -6.60      | QP      |
| 4  | 0.549  | 31.17      | 10.29       | 0.03       | 0.02       | 41.51 | 46.00      | -4.49      | Average |
| 5  | 0.637  | 37.87      | 10.29       | 0.04       | 0.02       | 48.22 | 56.00      | -7.78      | QP      |
| 6  | 0.637  | 30.30      | 10.29       | 0.04       | 0.02       | 40.65 | 46.00      | -5.35      | Average |
| 7  | 0.739  | 35.03      | 10.30       | 0.05       | 0.03       | 45.41 | 56.00      | -10.59     | QP      |
| 8  | 0.743  | 28.01      | 10.30       | 0.05       | 0.03       | 38.39 | 46.00      | -7.61      | Average |
| 9  | 0.899  | 34.74      | 10.31       | 0.07       | 0.04       | 45.16 | 56.00      | -10.84     | QP      |
| 10 | 0.899  | 28.07      | 10.31       | 0.07       | 0.04       | 38.49 | 46.00      | -7.51      | Average |
| 11 | 13.841 | 42.32      | 10.70       | 2.78       | 0.12       | 55.92 | 60.00      | -4.08      | QP      |
| 12 | 13.915 | 31.57      | 10.70       | 2.78       | 0.12       | 45.17 | 50.00      | -4.83      | Average |

#### Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Aux Factor + Cable Loss.

## 6.3 Band Edge

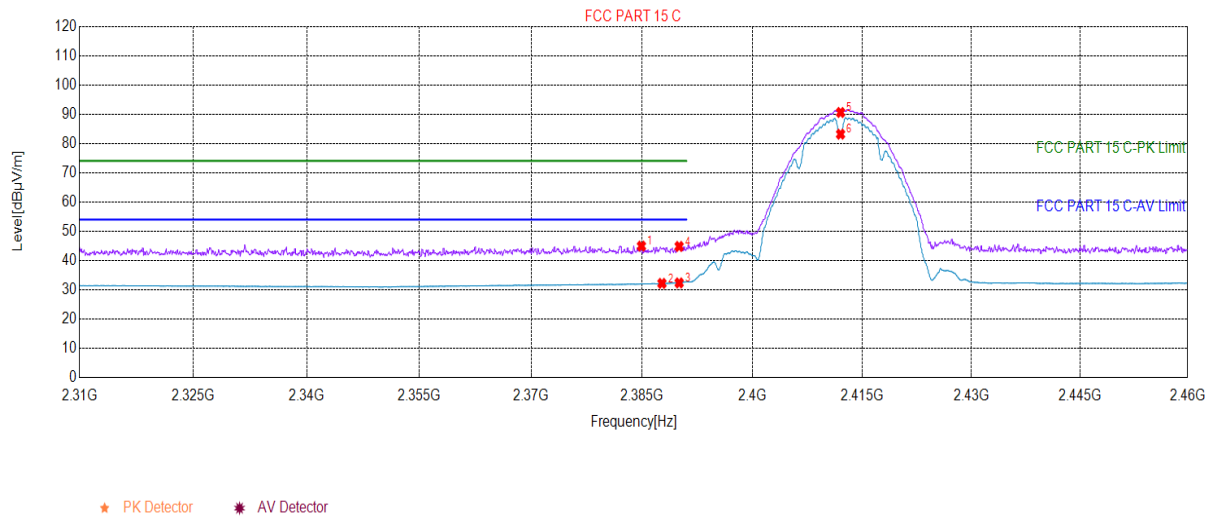
### 6.3.1 Radiated Emission Method

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |      |               |               |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------|---------------|---------------|
| Test Requirement:     | FCC Part 15 C Section 15.209 and 15.205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |      |               |               |
| Test Frequency Range: | 2310 MHz to 2390 MHz and 2483.5 MHz to 2500 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |      |               |               |
| Test Distance:        | 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |      |               |               |
| Receiver setup:       | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Detector           | RBW  | VBW           | Remark        |
|                       | Above 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Peak               | 1MHz | 3MHz          | Peak Value    |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RMS                | 1MHz | 3MHz          | Average Value |
| Limit:                | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit (dBuV/m @3m) |      | Remark        |               |
|                       | Above 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 54.00              |      | Average Value |               |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 74.00              |      | Peak Value    |               |
| Test Procedure:       | <div>1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</div> <div>2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</div> <div>3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</div> <div>4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.</div> <div>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</div> <div>6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</div> |                    |      |               |               |
| Test setup:           | <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |      |               |               |
| Test Instruments:     | Refer to section 5.8 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |      |               |               |
| Test mode:            | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |      |               |               |
| Test results:         | Passed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |      |               |               |
| Remark:               | Quoting the FCC ID: 2AJOTTA-1370 report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |      |               |               |

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 2384.88     | 44.91          | 7.99        | 74.00          | 29.09       | 159         | 59        | Vertical |
| 2              | 2387.66     | 32.18          | 8.05        | 54.00          | 21.82       | 184         | 112       | Vertical |
| 3              | 2390.00     | 32.34          | 8.11        | 54.00          | 21.66       | 162         | 156       | Vertical |
| 4              | 2390.00     | 44.80          | 8.11        | 74.00          | 29.20       | 321         | 191       | Vertical |
| 5              | 2412.00     | 90.58          | 8.31        | 0.00           | -90.58      | 262         | 132       | Vertical |
| 6              | 2412.00     | 83.15          | 8.31        | 0.00           | -83.15      | 215         | 262       | Vertical |

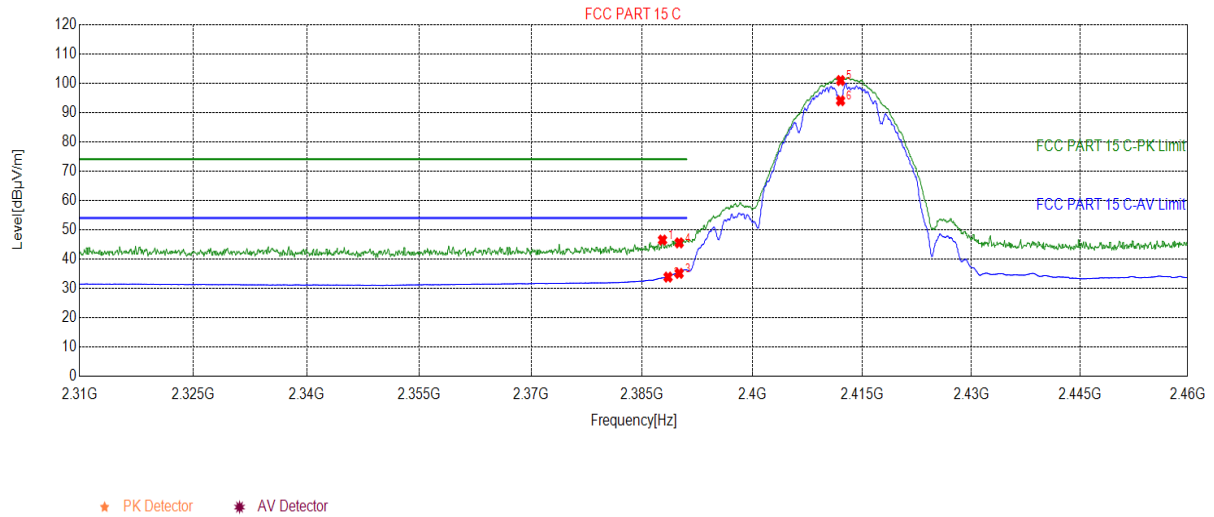
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 2387.73     | 46.46          | 8.06        | 74.00          | 27.54       | 174         | 15        | Horizontal |
| 2              | 2388.48     | 33.83          | 8.07        | 54.00          | 20.17       | 185         | 213       | Horizontal |
| 3              | 2390.00     | 35.09          | 8.11        | 54.00          | 18.91       | 213         | 29        | Horizontal |
| 4              | 2390.00     | 45.51          | 8.11        | 74.00          | 28.49       | 262         | 191       | Horizontal |
| 5              | 2412.00     | 100.86         | 8.31        | 0.00           | -100.86     | 292         | 91        | Horizontal |
| 6              | 2412.00     | 93.96          | 8.31        | 0.00           | -93.96      | 159         | 213       | Horizontal |

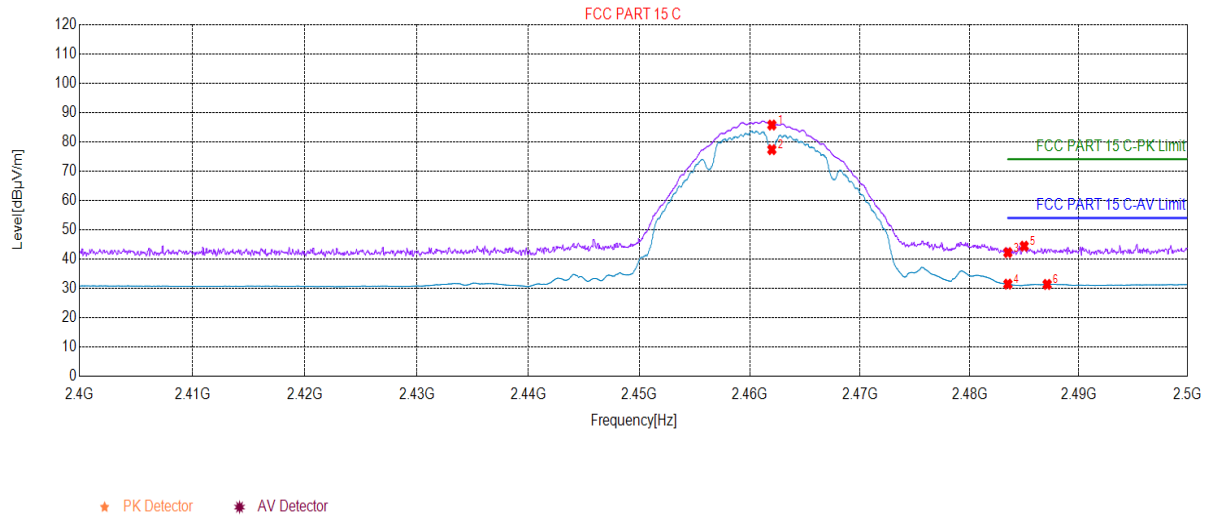
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 2462.00     | 85.69          | 6.60        | 0.00           | -85.69      | 174         | 14        | Vertical |
| 2              | 2462.00     | 77.29          | 6.60        | 0.00           | -77.29      | 185         | 28        | Vertical |
| 3              | 2483.50     | 42.19          | 6.79        | 74.00          | 31.81       | 196         | 196       | Vertical |
| 4              | 2483.50     | 31.45          | 6.79        | 54.00          | 22.55       | 231         | 123       | Vertical |
| 5              | 2484.99     | 44.38          | 6.79        | 74.00          | 29.62       | 262         | 59        | Vertical |
| 6              | 2487.09     | 31.34          | 6.79        | 54.00          | 22.66       | 159         | 96        | Vertical |

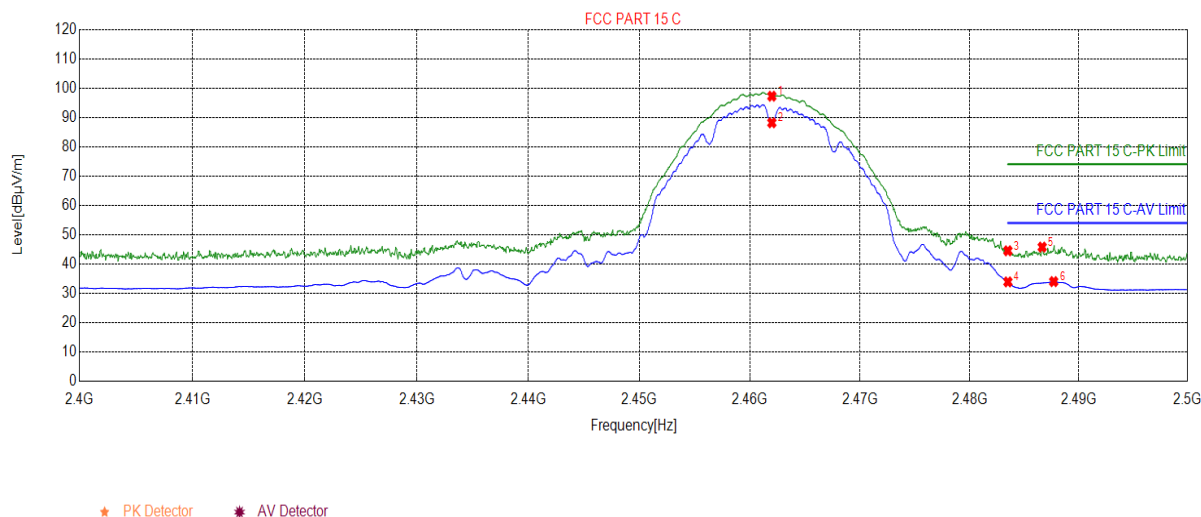
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 2462.00     | 97.22          | 6.60        | 0.00           | -97.22      | 185         | 95        | Horizontal |
| 2              | 2462.00     | 88.15          | 6.60        | 0.00           | -88.15      | 196         | 123       | Horizontal |
| 3              | 2483.50     | 44.51          | 6.79        | 74.00          | 29.49       | 213         | 258       | Horizontal |
| 4              | 2483.50     | 33.89          | 6.79        | 54.00          | 20.11       | 262         | 154       | Horizontal |
| 5              | 2486.64     | 45.77          | 6.79        | 74.00          | 28.23       | 291         | 12        | Horizontal |
| 6              | 2487.69     | 34.00          | 6.79        | 54.00          | 20.00       | 154         | 64        | Horizontal |

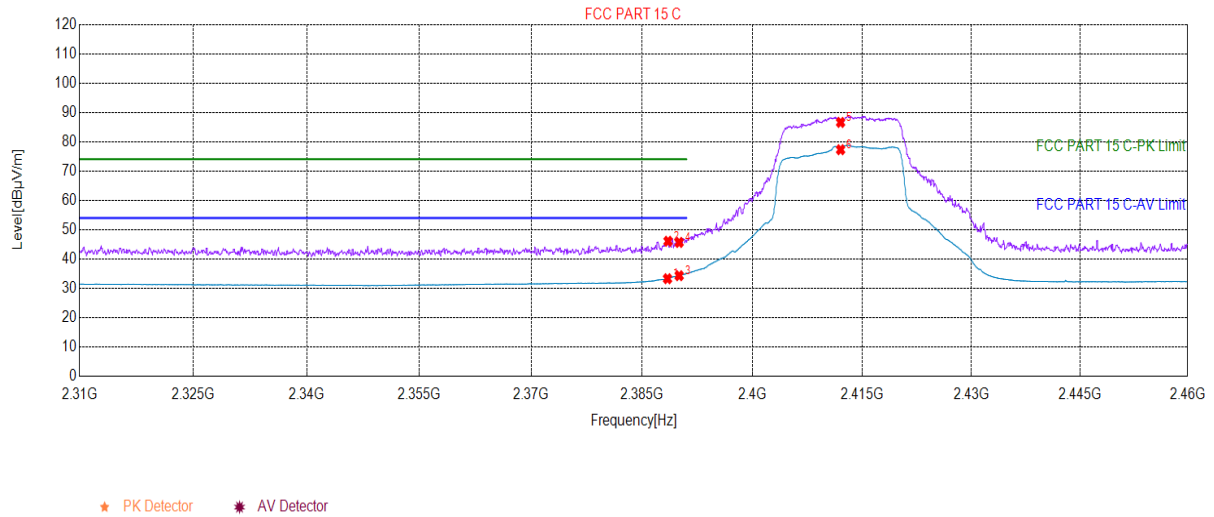
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 1

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2388.41     | 33.28          | 8.07        | 54.00          | 20.72       | 174         | 24        | Vertical |
| 2   | 2388.48     | 46.06          | 8.07        | 74.00          | 27.94       | 254         | 123       | Vertical |
| 3   | 2390.00     | 34.31          | 8.11        | 54.00          | 19.69       | 196         | 258       | Vertical |
| 4   | 2390.00     | 45.65          | 8.11        | 74.00          | 28.35       | 185         | 191       | Vertical |
| 5   | 2412.00     | 86.58          | 8.31        | 0.00           | -86.58      | 213         | 123       | Vertical |
| 6   | 2412.00     | 77.27          | 8.31        | 0.00           | -77.27      | 261         | 261       | Vertical |

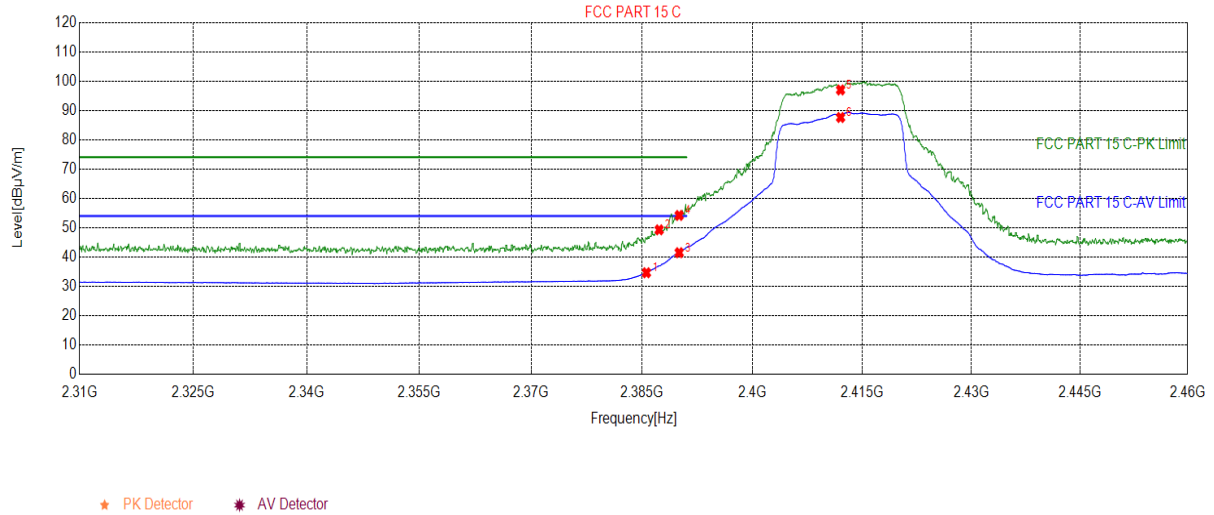
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 2385.56     | 34.63          | 8.00        | 54.00          | 19.37       | 174         | 96        | Horizontal |
| 2              | 2387.28     | 49.26          | 8.04        | 74.00          | 24.74       | 185         | 123       | Horizontal |
| 3              | 2390.00     | 41.47          | 8.11        | 54.00          | 12.53       | 196         | 258       | Horizontal |
| 4              | 2390.00     | 54.18          | 8.11        | 74.00          | 19.82       | 233         | 23        | Horizontal |
| 5              | 2412.00     | 96.96          | 8.31        | 0.00           | -96.96      | 262         | 261       | Horizontal |
| 6              | 2412.00     | 87.58          | 8.31        | 0.00           | -87.58      | 261         | 213       | Horizontal |

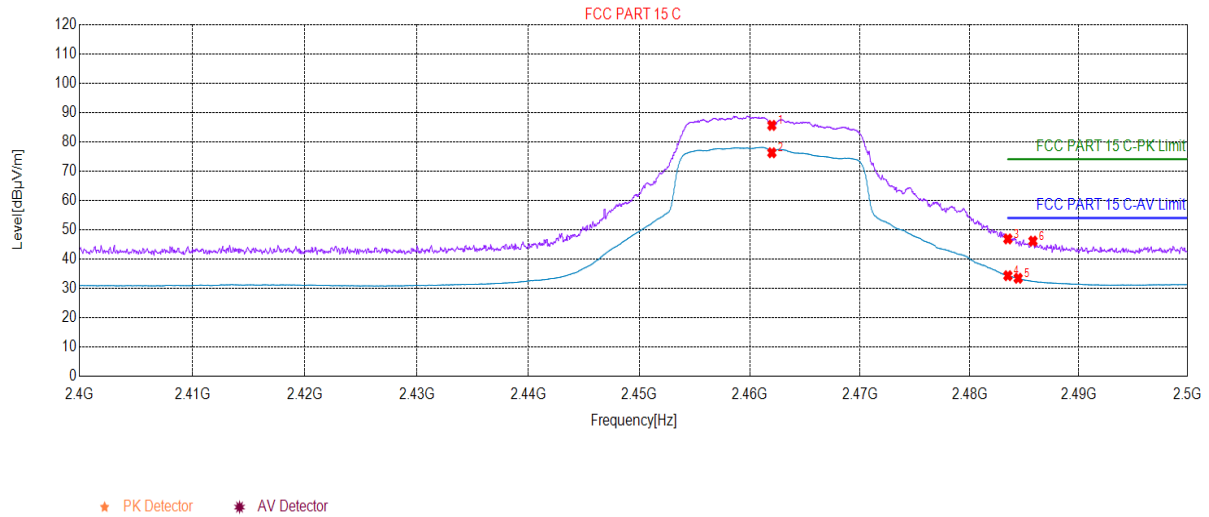
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 2462.00     | 85.56          | 6.60        | 0.00           | -85.56      | 174         | 96        | Vertical |
| 2              | 2462.00     | 76.22          | 6.60        | 0.00           | -76.22      | 185         | 123       | Vertical |
| 3              | 2483.50     | 46.85          | 6.79        | 74.00          | 27.15       | 196         | 258       | Vertical |
| 4              | 2483.50     | 34.30          | 6.79        | 54.00          | 19.70       | 213         | 174       | Vertical |
| 5              | 2484.44     | 33.43          | 6.79        | 54.00          | 20.57       | 262         | 199       | Vertical |
| 6              | 2485.79     | 46.10          | 6.79        | 74.00          | 27.90       | 261         | 26        | Vertical |

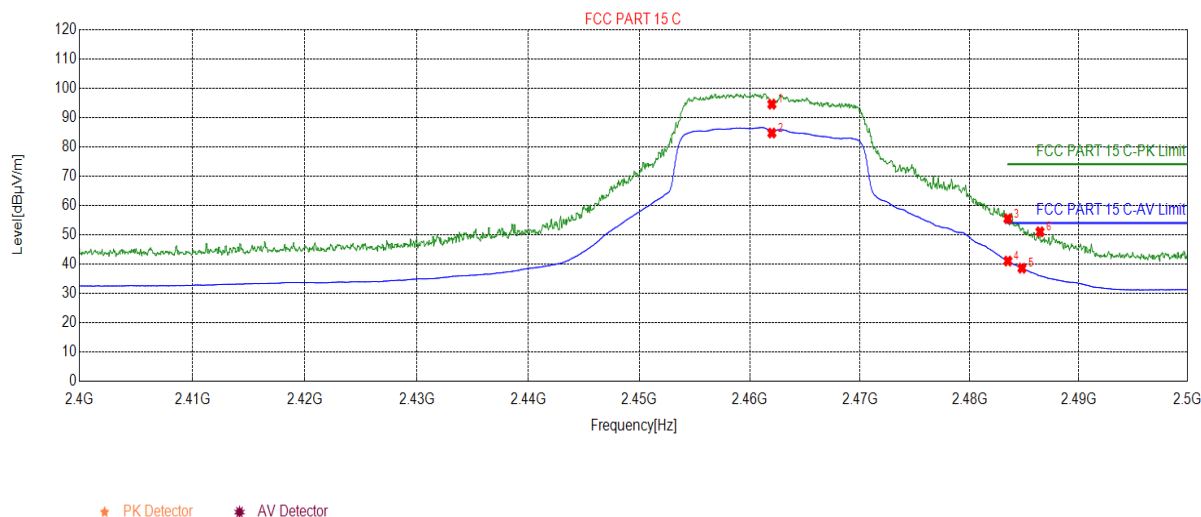
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 2462.00     | 94.48          | 6.60        | 0.00           | -94.48      | 174         | 96        | Horizontal |
| 2              | 2462.00     | 84.66          | 6.60        | 0.00           | -84.66      | 185         | 123       | Horizontal |
| 3              | 2483.50     | 55.43          | 6.79        | 74.00          | 18.57       | 196         | 216       | Horizontal |
| 4              | 2483.50     | 41.01          | 6.79        | 54.00          | 12.99       | 231         | 159       | Horizontal |
| 5              | 2484.79     | 38.58          | 6.79        | 54.00          | 15.42       | 262         | 194       | Horizontal |
| 6              | 2486.44     | 50.96          | 6.79        | 74.00          | 23.04       | 154         | 215       | Horizontal |

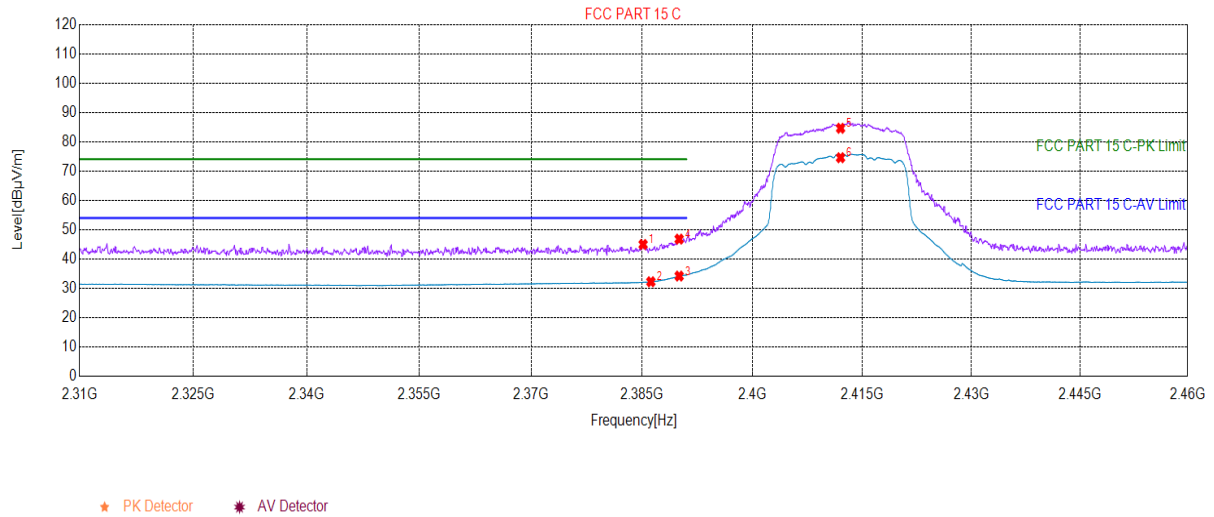
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n20 Channel 1

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2385.11     | 44.96          | 7.99        | 74.00          | 29.04       | 174         | 81        | Vertical |
| 2   | 2386.16     | 32.24          | 8.02        | 54.00          | 21.76       | 185         | 213       | Vertical |
| 3   | 2390.00     | 34.18          | 8.11        | 54.00          | 19.82       | 196         | 259       | Vertical |
| 4   | 2390.00     | 46.79          | 8.11        | 74.00          | 27.21       | 231         | 191       | Vertical |
| 5   | 2412.00     | 84.58          | 8.31        | 0.00           | -84.58      | 262         | 123       | Vertical |
| 6   | 2412.00     | 74.54          | 8.31        | 0.00           | -74.54      | 261         | 16        | Vertical |

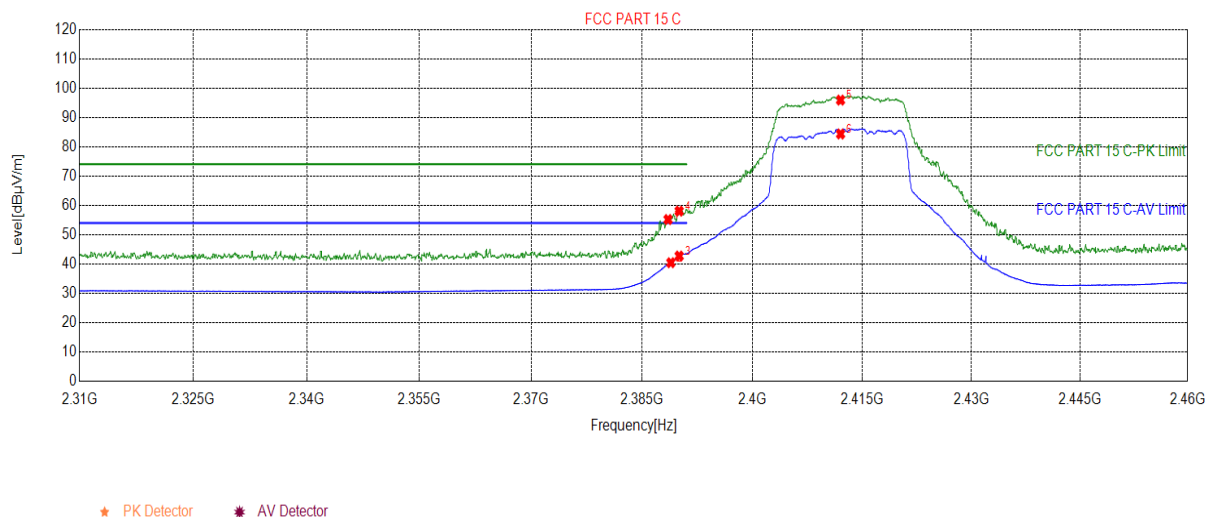
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n20 Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 2388.48     | 55.17          | 8.07        | 74.00          | 18.83       | 285         | 96        | Horizontal |
| 2              | 2388.86     | 40.44          | 8.08        | 54.00          | 13.56       | 296         | 123       | Horizontal |
| 3              | 2390.00     | 42.73          | 8.11        | 54.00          | 11.27       | 247         | 258       | Horizontal |
| 4              | 2390.00     | 58.03          | 8.11        | 74.00          | 15.97       | 174         | 174       | Horizontal |
| 5              | 2412.00     | 95.89          | 8.31        | 0.00           | -95.89      | 185         | 196       | Horizontal |
| 6              | 2412.00     | 84.33          | 8.31        | 0.00           | -84.33      | 196         | 23        | Horizontal |

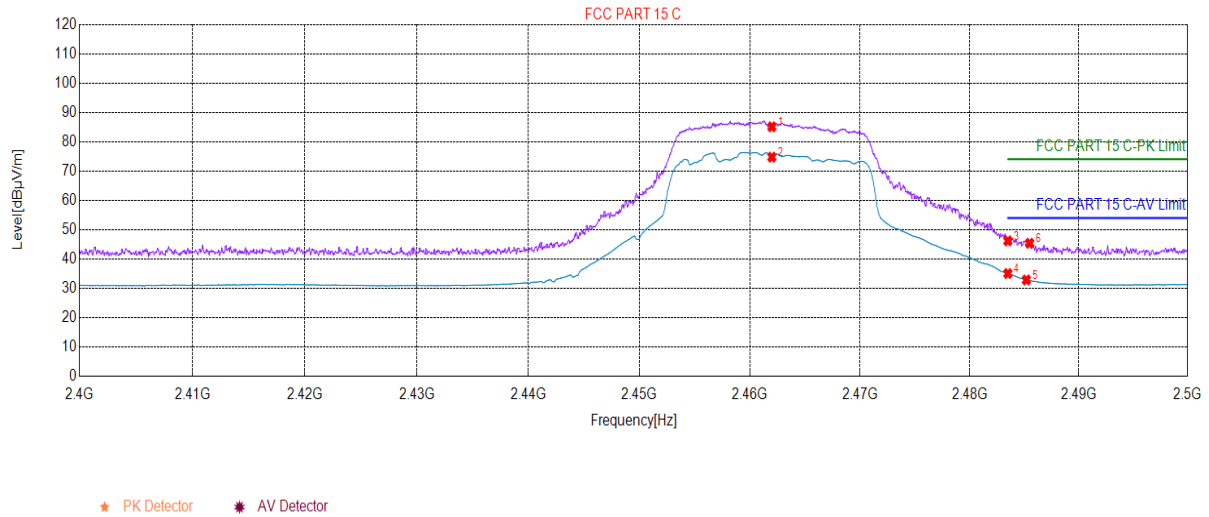
### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n20 Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 2462.00     | 85.09          | 6.60        | 0.00           | -85.09      | 174         | 45        | Vertical |
| 2              | 2462.00     | 74.74          | 6.60        | 0.00           | -74.74      | 185         | 123       | Vertical |
| 3              | 2483.50     | 46.18          | 6.79        | 74.00          | 27.82       | 196         | 233       | Vertical |
| 4              | 2483.50     | 35.05          | 6.79        | 54.00          | 18.95       | 213         | 326       | Vertical |
| 5              | 2485.19     | 32.86          | 6.79        | 54.00          | 21.14       | 262         | 219       | Vertical |
| 6              | 2485.49     | 45.37          | 6.79        | 74.00          | 28.63       | 291         | 159       | Vertical |

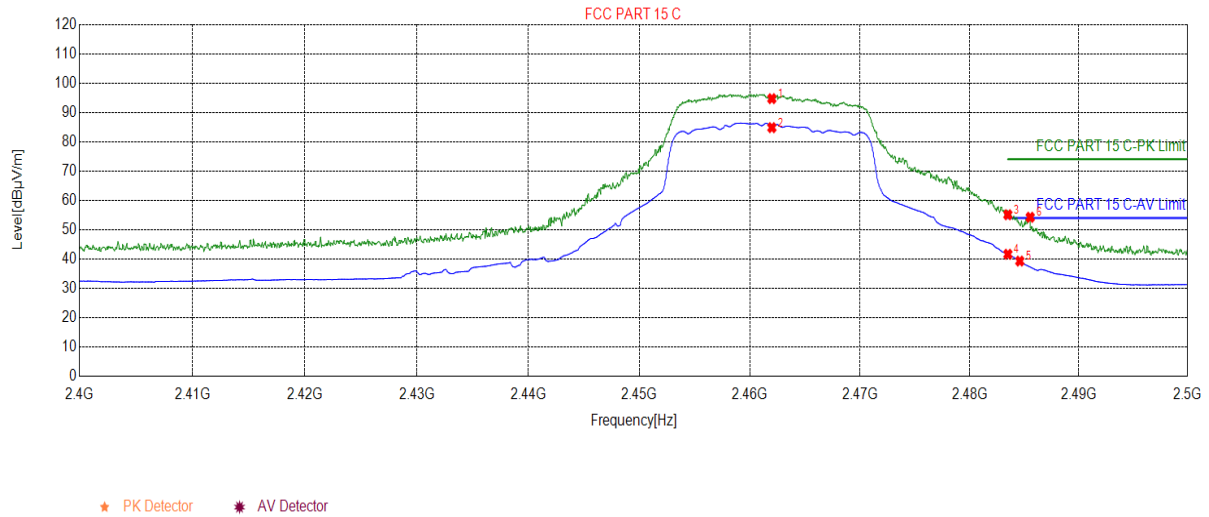
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n20 Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 2462.00     | 94.68          | 6.60        | 0.00           | -94.68      | 174         | 96        | Horizontal |
| 2              | 2462.00     | 84.79          | 6.60        | 0.00           | -84.79      | 185         | 123       | Horizontal |
| 3              | 2483.50     | 55.09          | 6.79        | 74.00          | 18.91       | 196         | 216       | Horizontal |
| 4              | 2483.50     | 41.63          | 6.79        | 54.00          | 12.37       | 231         | 191       | Horizontal |
| 5              | 2484.59     | 39.29          | 6.79        | 54.00          | 14.71       | 262         | 156       | Horizontal |
| 6              | 2485.54     | 54.23          | 6.79        | 74.00          | 19.77       | 291         | 213       | Horizontal |

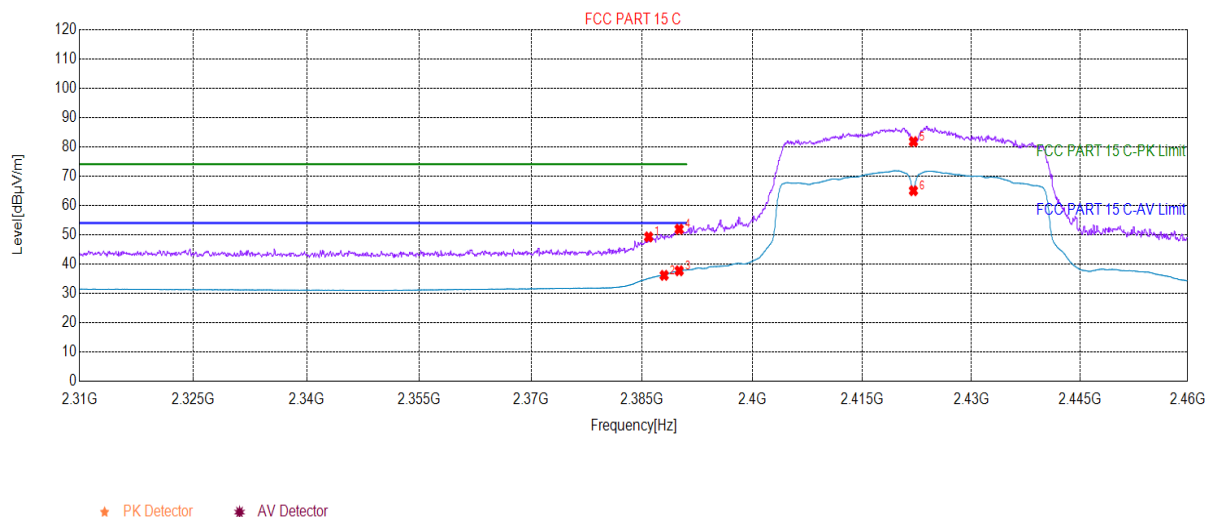
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 3

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2385.86     | 49.23          | 8.01        | 74.00          | 24.77       | 174         | 49        | Vertical |
| 2   | 2387.96     | 36.13          | 8.06        | 54.00          | 17.87       | 185         | 162       | Vertical |
| 3   | 2390.00     | 37.68          | 8.11        | 54.00          | 16.32       | 199         | 259       | Vertical |
| 4   | 2390.00     | 51.86          | 8.11        | 74.00          | 22.14       | 321         | 191       | Vertical |
| 5   | 2422.00     | 81.73          | 8.27        | 0.00           | -81.73      | 262         | 213       | Vertical |
| 6   | 2422.00     | 64.98          | 8.27        | 0.00           | -64.98      | 291         | 261       | Vertical |

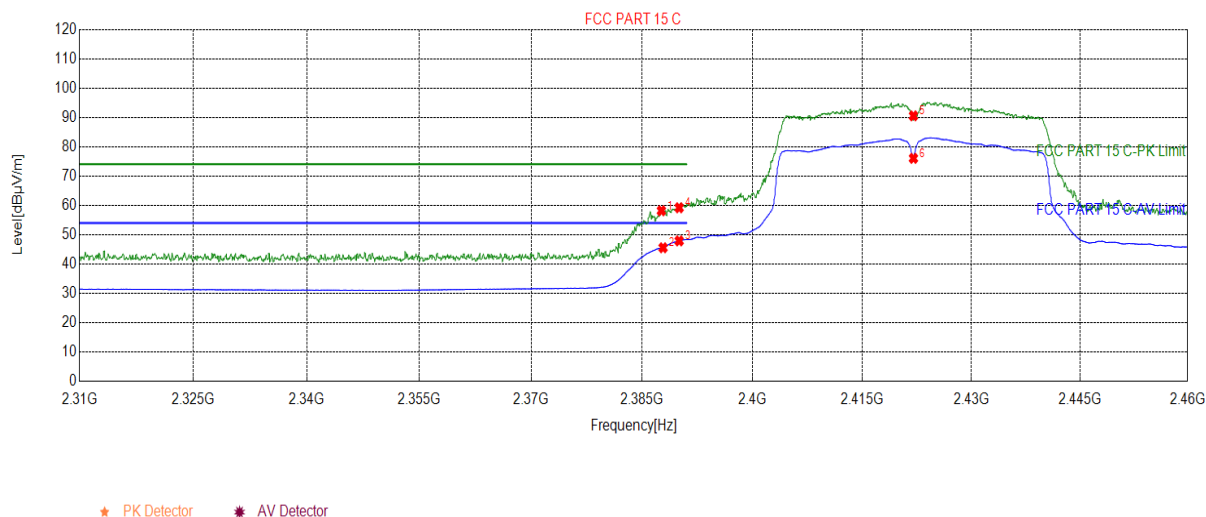
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 3

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 2387.58     | 58.16          | 8.05        | 74.00          | 15.84       | 178         | 59        | Horizontal |
| 2   | 2387.81     | 45.54          | 8.06        | 54.00          | 8.46        | 196         | 123       | Horizontal |
| 3   | 2390.00     | 47.88          | 8.11        | 54.00          | 6.12        | 231         | 251       | Horizontal |
| 4   | 2390.00     | 59.18          | 8.11        | 74.00          | 14.82       | 258         | 81        | Horizontal |
| 5   | 2422.00     | 90.52          | 8.27        | 0.00           | -90.52      | 241         | 231       | Horizontal |
| 6   | 2422.00     | 76.03          | 8.27        | 0.00           | -76.03      | 184         | 261       | Horizontal |

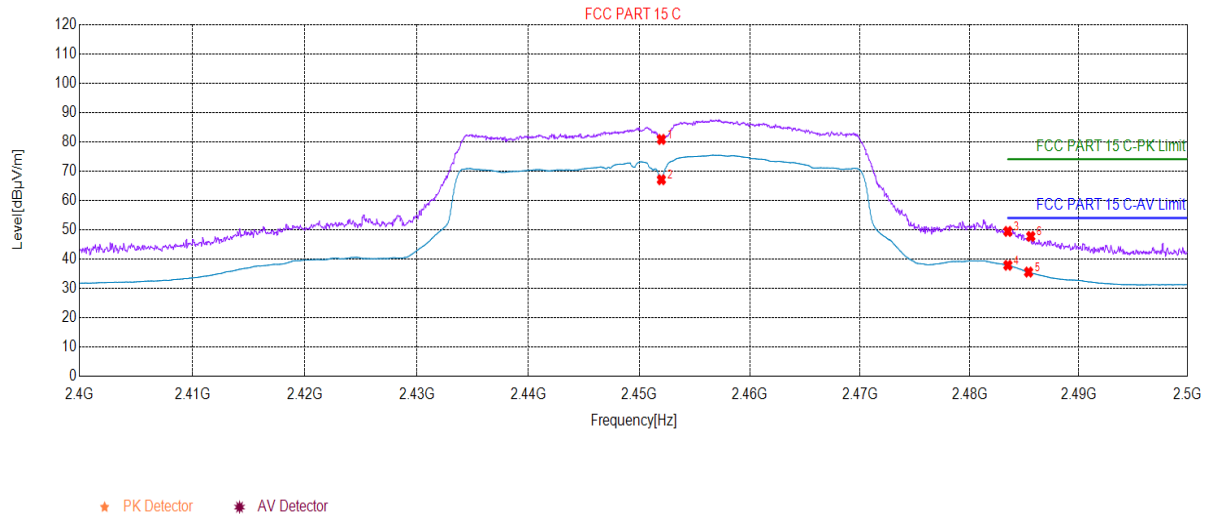
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 9

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2452.00     | 80.78          | 6.65        | 0.00           | -80.78      | 174         | 58        | Vertical |
| 2   | 2452.00     | 67.04          | 6.65        | 0.00           | -67.04      | 185         | 123       | Vertical |
| 3   | 2483.50     | 49.40          | 6.79        | 74.00          | 24.60       | 196         | 156       | Vertical |
| 4   | 2483.50     | 37.86          | 6.79        | 54.00          | 16.14       | 231         | 191       | Vertical |
| 5   | 2485.39     | 35.53          | 6.79        | 54.00          | 18.47       | 262         | 23        | Vertical |
| 6   | 2485.59     | 47.71          | 6.79        | 74.00          | 26.29       | 291         | 261       | Vertical |

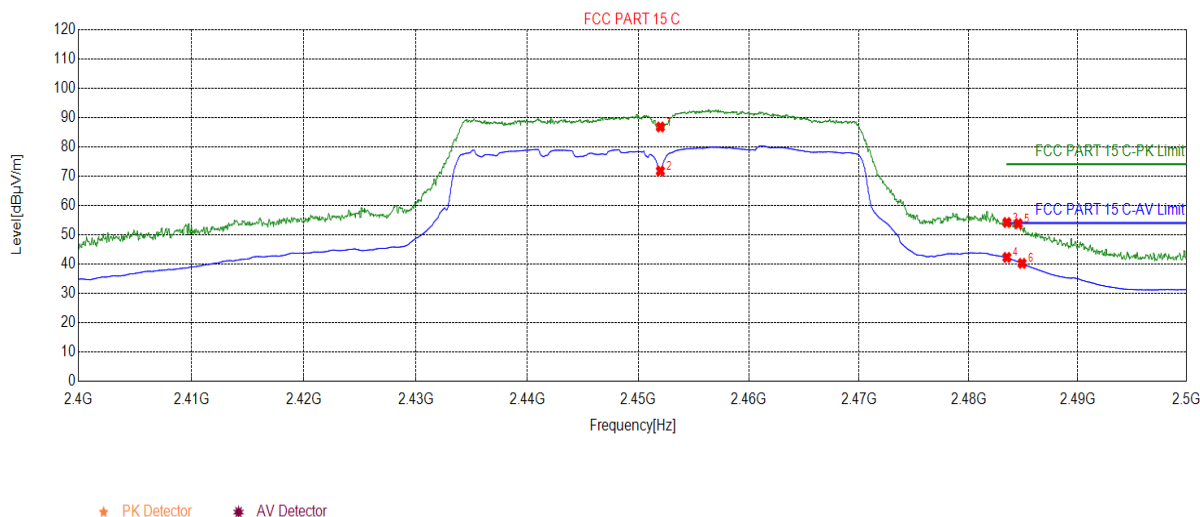
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 9

### Test Graph



### Suspected List

#### Suspected List

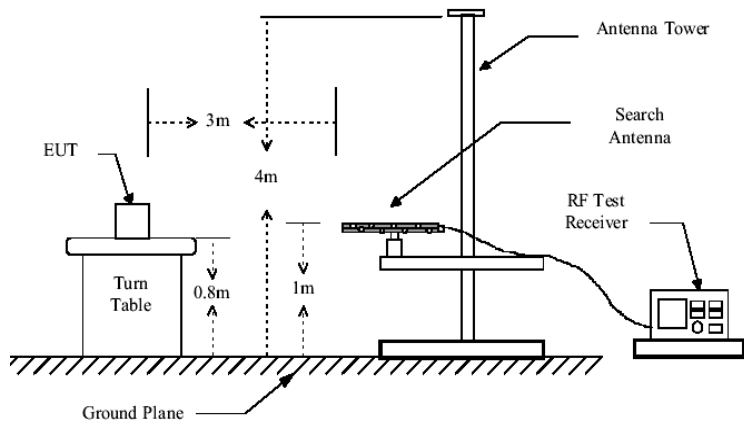
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 2452.00     | 86.74          | 6.65        | 0.00           | -86.74      | 174         | 96        | Horizontal |
| 2   | 2452.00     | 71.72          | 6.65        | 0.00           | -71.72      | 185         | 123       | Horizontal |
| 3   | 2483.50     | 54.16          | 6.79        | 74.00          | 19.84       | 196         | 259       | Horizontal |
| 4   | 2483.50     | 42.25          | 6.79        | 54.00          | 11.75       | 231         | 181       | Horizontal |
| 5   | 2484.54     | 53.76          | 6.79        | 74.00          | 20.24       | 262         | 158       | Horizontal |
| 6   | 2484.89     | 40.21          | 6.79        | 54.00          | 13.79       | 291         | 195       | Horizontal |

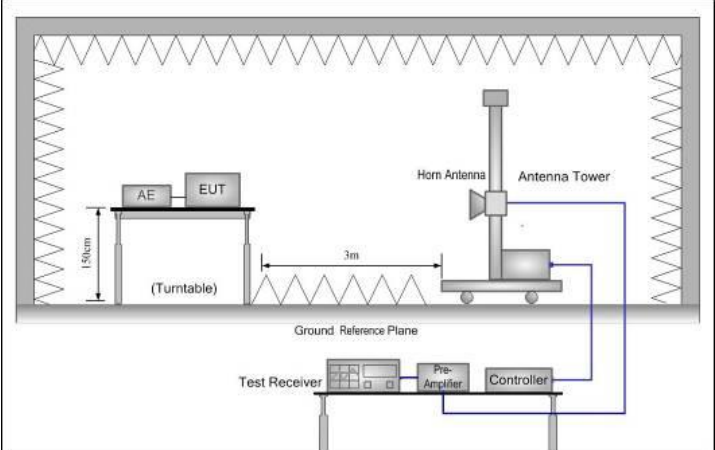
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

## 6.4 Spurious Emission

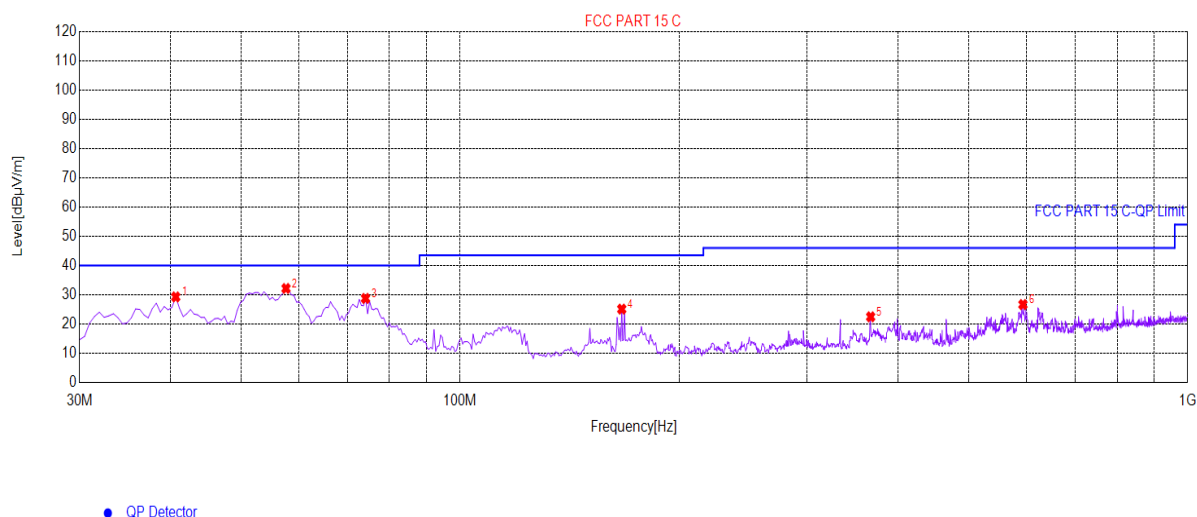
### 6.4.1 Radiated Emission Method

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |            |               |                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|---------------|------------------|
| Test Requirement:     | FCC Part 15 C Section 15.209 and 15.205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |            |               |                  |
| Test Frequency Range: | 9kHz to 25GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |            |               |                  |
| Test Distance:        | 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |            |               |                  |
| Receiver setup:       | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Detector           | RBW        | VBW           | Remark           |
|                       | 30MHz-1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quasi-peak         | 120KHz     | 300KHz        | Quasi-peak Value |
|                       | Above 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Peak               | 1MHz       | 3MHz          | Peak Value       |
| RMS                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1MHz               | 3MHz       | Average Value |                  |
| Limit:                | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Limit (dBuV/m @3m) |            |               | Remark           |
|                       | 30MHz-88MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 40.0               |            |               | Quasi-peak Value |
|                       | 88MHz-216MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 43.5               |            |               | Quasi-peak Value |
|                       | 216MHz-960MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 46.0               |            |               | Quasi-peak Value |
|                       | 960MHz-1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 54.0               |            |               | Quasi-peak Value |
|                       | Above 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 54.0               |            |               | Average Value    |
| 74.0                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    | Peak Value |               |                  |
| Test Procedure:       | <div>1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</div> <div>2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</div> <div>3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</div> <div>4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.</div> <div>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</div> <div>6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</div> |                    |            |               |                  |
| Test setup:           | <div>Below 1GHz</div> <div></div> <div>Above 1GHz</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |            |               |                  |

|                   |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                                                                                                                                                                                                                                        |
| Test Instruments: | Refer to section 5.8 for details                                                                                                                                                                                                                                                                                                                         |
| Test mode:        | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                         |
| Test results:     | Passed(Quoting the FCC ID: 2AJOTTA-1370 report, and the worst mode of spot check)                                                                                                                                                                                                                                                                        |
| Remark:           | <ol style="list-style-type: none"> <li>1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Z-axis is the worst case.</li> <li>2. Pre-Scan all adapter, And the report only reflects the worst mode.</li> <li>3. 9 kHz to 30MHz is lower than the limit 20dB, so only shows the data of above 30MHz in this report.</li> </ol> |

**Measurement Data (worst case):**
**Below 1GHz:**
**TA-1370:**

|                      |              |                       |                          |
|----------------------|--------------|-----------------------|--------------------------|
| <b>Product Name:</b> | Smart Phone  | <b>Product Model:</b> | TA-1370                  |
| <b>Test By:</b>      | Mike         | <b>Polarization:</b>  | Vertical                 |
| <b>Test Voltage:</b> | AC 120V/60Hz | <b>Environment:</b>   | Temp: 24℃      Humi: 57% |

**Test Graph**

**Suspected List**

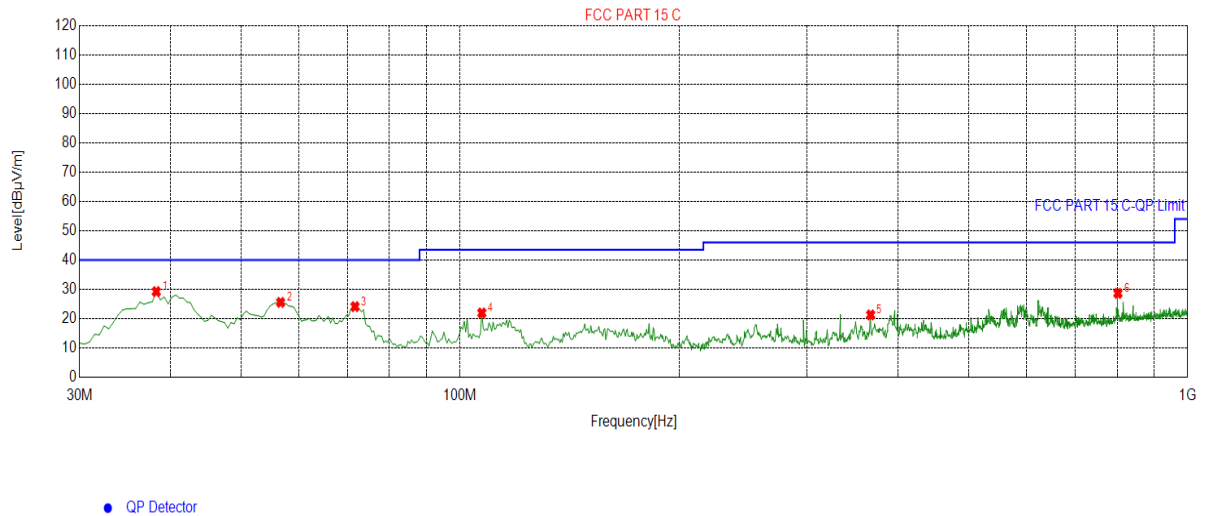
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 40.6753     | 29.26          | -22.87      | 40.00          | 10.74       | 197         | 306       | Vertical |
| 2              | 57.6588     | 32.16          | -22.18      | 40.00          | 7.84        | 154         | 174       | Vertical |
| 3              | 74.1571     | 28.76          | -24.13      | 40.00          | 11.24       | 224         | 325       | Vertical |
| 4              | 166.838     | 25.11          | -23.95      | 43.50          | 18.39       | 263         | 314       | Vertical |
| 5              | 366.758     | 22.48          | -17.60      | 46.00          | 23.52       | 281         | 344       | Vertical |
| 6              | 593.851     | 26.66          | -12.26      | 46.00          | 19.34       | 287         | 2         | Vertical |

**Remark:**

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 38.2491     | 29.22          | -23.16      | 40.00          | 10.78       | 187         | 137       | Horizontal |
| 2              | 56.6883     | 25.55          | -22.15      | 40.00          | 14.45       | 165         | 266       | Horizontal |
| 3              | 71.7309     | 24.10          | -23.93      | 40.00          | 15.90       | 114         | 160       | Horizontal |
| 4              | 107.153     | 21.94          | -22.77      | 43.50          | 21.56       | 258         | 358       | Horizontal |
| 5              | 366.758     | 21.27          | -17.60      | 46.00          | 24.73       | 236         | 16        | Horizontal |
| 6              | 802.021     | 28.64          | -10.23      | 46.00          | 17.36       | 274         | 34        | Horizontal |

#### Remark:

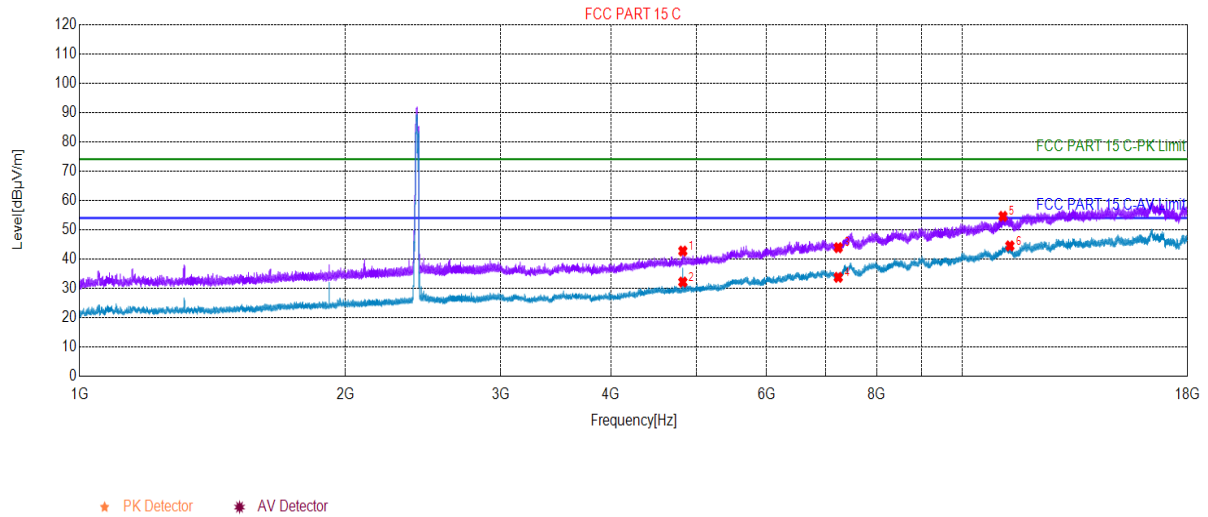
1. Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

### Above 1GHz:

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

### 802.11b Channel 1

#### Test Graph



#### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 4824.00     | 42.71          | -18.20      | 74.00          | 31.29       | 158         | 202       | Vertical |
| 2              | 4824.00     | 32.15          | -18.20      | 54.00          | 21.85       | 196         | 202       | Vertical |
| 3              | 7236.00     | 43.88          | -10.83      | 74.00          | 30.12       | 231         | 342       | Vertical |
| 4              | 7236.00     | 33.74          | -10.83      | 54.00          | 20.26       | 291         | 289       | Vertical |
| 5              | 11120.7     | 54.55          | -0.86       | 74.00          | 19.45       | 185         | 184       | Vertical |
| 6              | 11322.3     | 44.47          | -0.54       | 54.00          | 9.53        | 156         | 70        | Vertical |

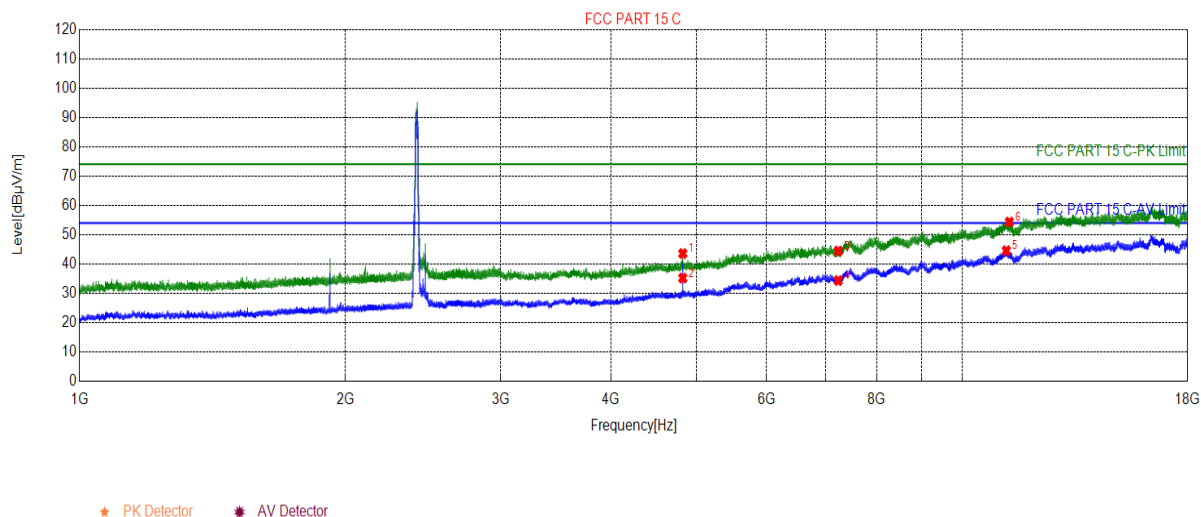
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 4824.00     | 43.57          | -18.20      | 74.00          | 30.43       | 174         | 228       | Horizontal |
| 2              | 4824.00     | 35.20          | -18.20      | 54.00          | 18.80       | 185         | 229       | Horizontal |
| 3              | 7236.00     | 44.44          | -10.83      | 74.00          | 29.56       | 231         | 344       | Horizontal |
| 4              | 7236.00     | 34.36          | -10.83      | 54.00          | 19.64       | 262         | 329       | Horizontal |
| 5              | 11218.5     | 44.53          | -0.59       | 54.00          | 9.47        | 292         | 128       | Horizontal |
| 6              | 11307.3     | 54.30          | -0.68       | 74.00          | 19.70       | 156         | 329       | Horizontal |

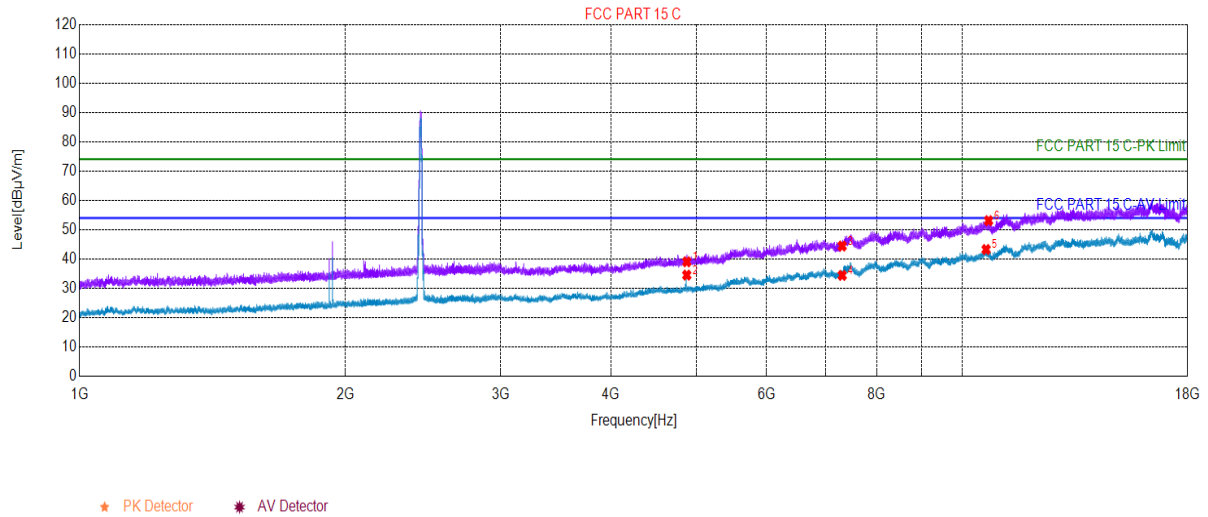
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 6

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 4874.00     | 39.05          | -18.02      | 74.00          | 34.95       | 189         | 185       | Vertical |
| 2   | 4874.00     | 34.50          | -18.02      | 54.00          | 19.50       | 196         | 199       | Vertical |
| 3   | 7311.00     | 44.43          | -10.82      | 74.00          | 29.57       | 125         | 227       | Vertical |
| 4   | 7311.00     | 34.41          | -10.82      | 54.00          | 19.59       | 258         | 141       | Vertical |
| 5   | 10640.7     | 43.24          | -2.07       | 54.00          | 10.76       | 274         | 126       | Vertical |
| 6   | 10709.7     | 53.07          | -2.44       | 74.00          | 20.93       | 185         | 184       | Vertical |

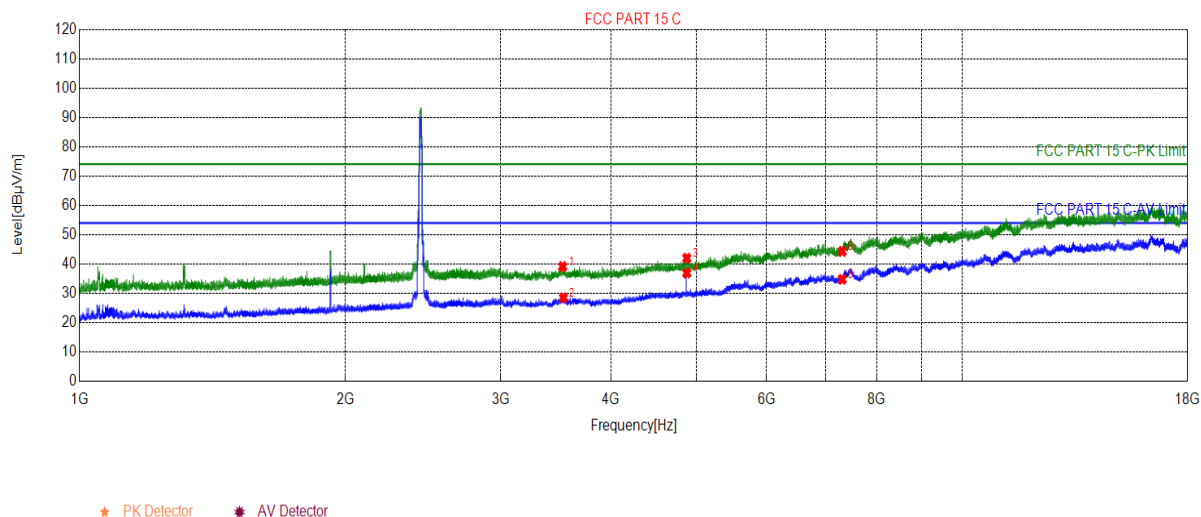
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 6

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3526.22     | 39.12          | -22.55      | 74.00          | 34.88       | 174         | 40        | Horizontal |
| 2              | 3532.82     | 28.47          | -22.63      | 54.00          | 25.53       | 185         | 129       | Horizontal |
| 3              | 4874.00     | 42.00          | -18.02      | 74.00          | 32.00       | 321         | 41        | Horizontal |
| 4              | 4874.00     | 36.89          | -18.02      | 54.00          | 17.11       | 262         | 231       | Horizontal |
| 5              | 7311.00     | 34.78          | -10.82      | 54.00          | 19.22       | 292         | 319       | Horizontal |
| 6              | 7311.00     | 44.31          | -10.82      | 74.00          | 29.69       | 156         | 187       | Horizontal |

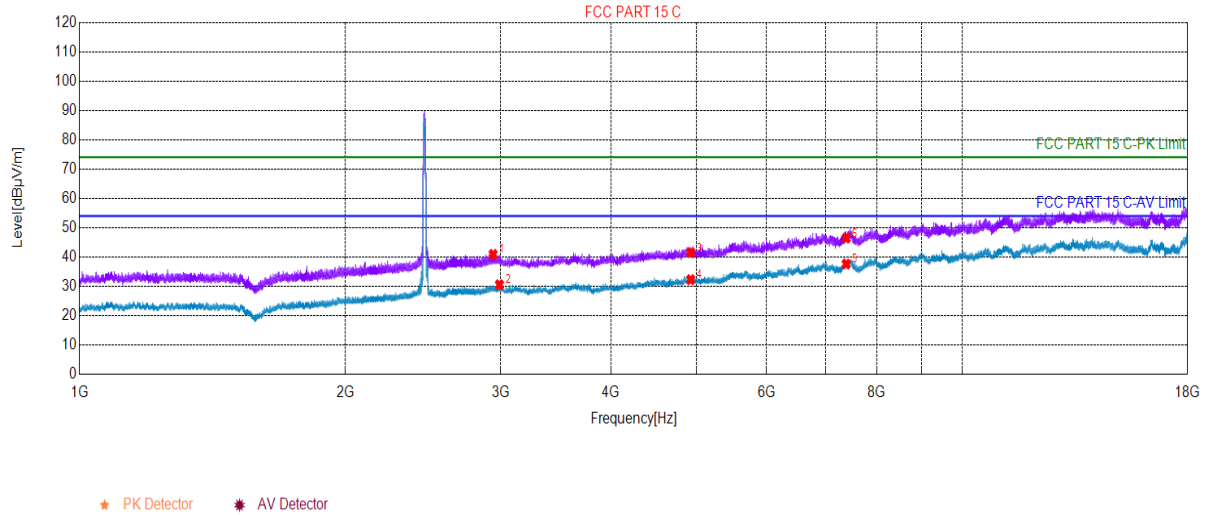
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 11

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2941.3971   | 40.89          | 10.51       | 74.00          | 33.11       | 254         | 73        | Vertical |
| 2   | 2990.0995   | 30.55          | 10.49       | 54.00          | 23.45       | 212         | 110       | Vertical |
| 3   | 4924.0000   | 41.51          | -14.74      | 74.00          | 32.49       | 263         | 15        | Vertical |
| 4   | 4924.0000   | 32.28          | -14.74      | 54.00          | 21.72       | 247         | 146       | Vertical |
| 5   | 7386.0000   | 37.59          | -7.78       | 54.00          | 16.41       | 259         | 2         | Vertical |
| 6   | 7386.0000   | 46.43          | -7.78       | 74.00          | 27.57       | 221         | 31        | Vertical |

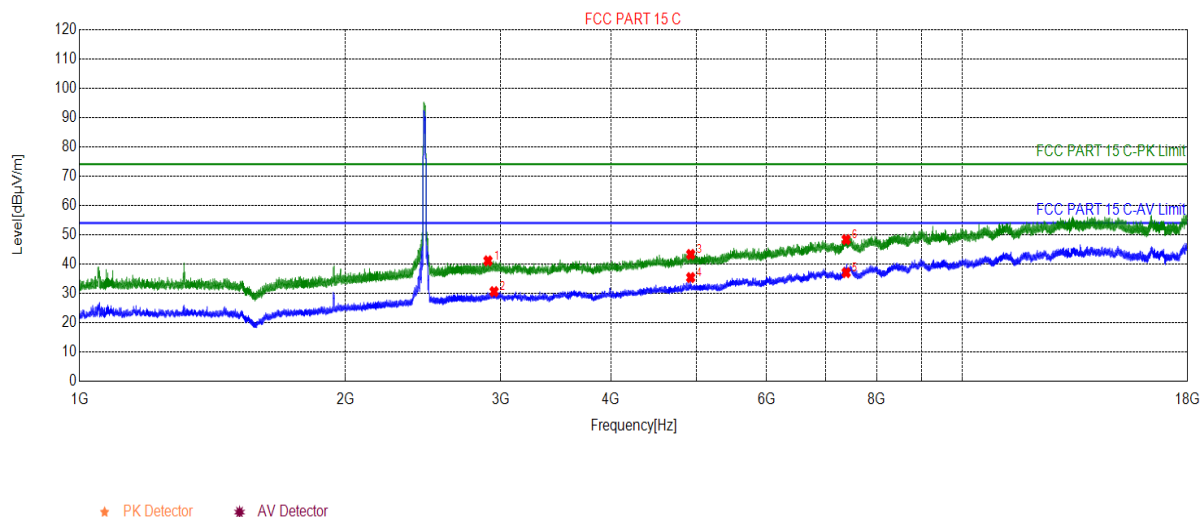
#### Remark:

1. Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 11

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 2901.9951   | 41.08          | 10.17       | 74.00          | 32.92       | 174         | 249       | Horizontal |
| 2   | 2948.7974   | 30.58          | 10.56       | 54.00          | 23.42       | 195         | 98        | Horizontal |
| 3   | 4924.0000   | 43.28          | -14.74      | 74.00          | 30.72       | 175         | 320       | Horizontal |
| 4   | 4924.0000   | 35.38          | -14.74      | 54.00          | 18.62       | 165         | 320       | Horizontal |
| 5   | 7386.0000   | 37.05          | -7.78       | 54.00          | 16.95       | 184         | 44        | Horizontal |
| 6   | 7386.0000   | 48.33          | -7.78       | 74.00          | 25.67       | 199         | 204       | Horizontal |

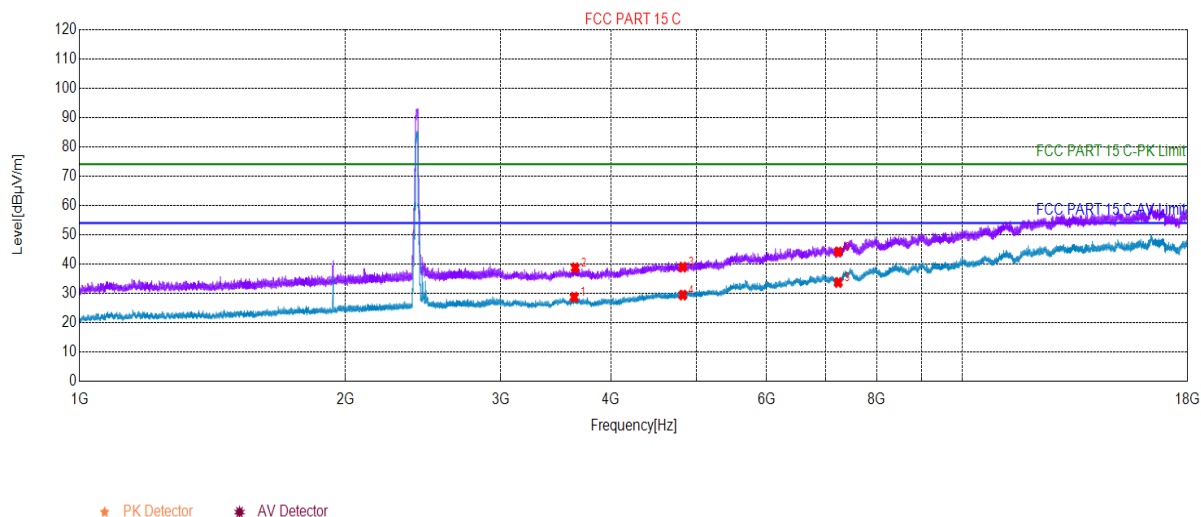
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 1

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 3633.62     | 28.70          | -22.32      | 54.00          | 25.30       | 185         | 55        | Vertical |
| 2   | 3643.22     | 38.71          | -22.21      | 74.00          | 35.29       | 196         | 84        | Vertical |
| 3   | 4824.00     | 38.93          | -18.20      | 74.00          | 35.07       | 231         | 155       | Vertical |
| 4   | 4824.00     | 29.39          | -18.20      | 54.00          | 24.61       | 262         | 360       | Vertical |
| 5   | 7236.00     | 33.70          | -10.83      | 54.00          | 20.30       | 291         | 226       | Vertical |
| 6   | 7236.00     | 44.10          | -10.83      | 74.00          | 29.90       | 154         | 143       | Vertical |

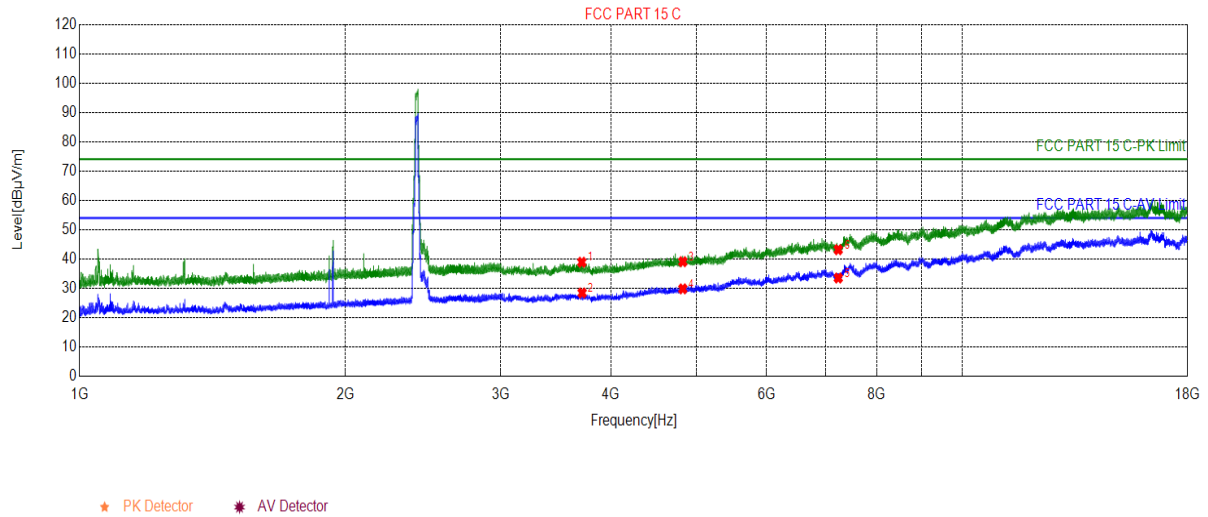
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3706.82     | 38.89          | -22.85      | 74.00          | 35.11       | 174         | 99        | Horizontal |
| 2              | 3709.82     | 28.43          | -22.80      | 54.00          | 25.57       | 185         | 170       | Horizontal |
| 3              | 4824.00     | 39.08          | -18.20      | 74.00          | 34.92       | 213         | 356       | Horizontal |
| 4              | 4824.00     | 29.83          | -18.20      | 54.00          | 24.17       | 262         | 170       | Horizontal |
| 5              | 7236.00     | 33.52          | -10.83      | 54.00          | 20.48       | 291         | 331       | Horizontal |
| 6              | 7236.00     | 43.18          | -10.83      | 74.00          | 30.82       | 156         | 113       | Horizontal |

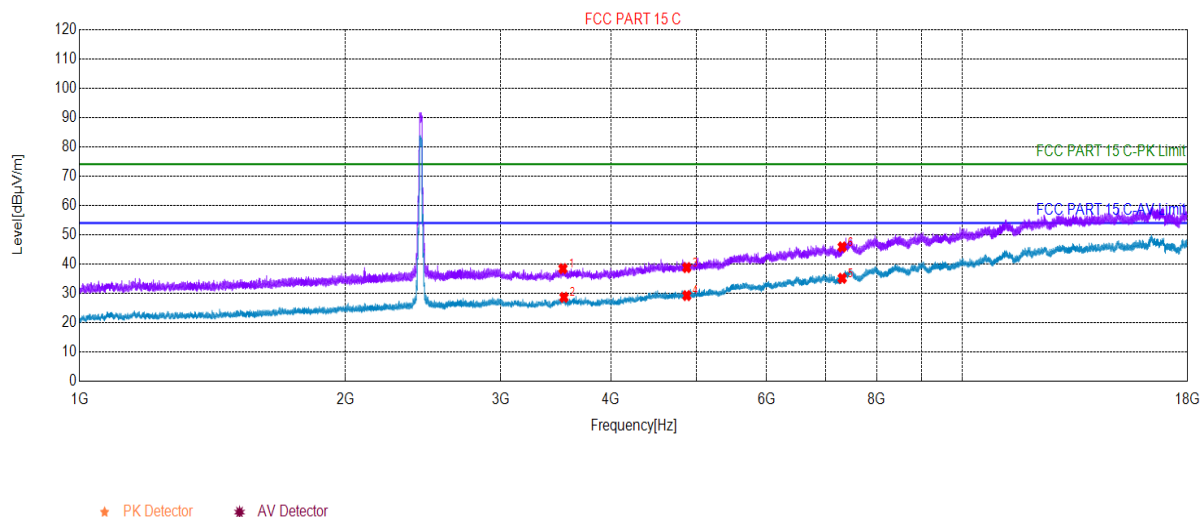
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 6

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 3528.62     | 38.41          | -22.58      | 74.00          | 35.59       | 168         | 171       | Vertical |
| 2              | 3538.22     | 28.64          | -22.69      | 54.00          | 25.36       | 213         | 319       | Vertical |
| 3              | 4874.00     | 38.77          | -18.02      | 74.00          | 35.23       | 291         | 158       | Vertical |
| 4              | 4874.00     | 29.23          | -18.02      | 54.00          | 24.77       | 158         | 245       | Vertical |
| 5              | 7311.00     | 35.13          | -10.82      | 54.00          | 18.87       | 147         | 70        | Vertical |
| 6              | 7311.00     | 45.82          | -10.82      | 74.00          | 28.18       | 185         | 141       | Vertical |

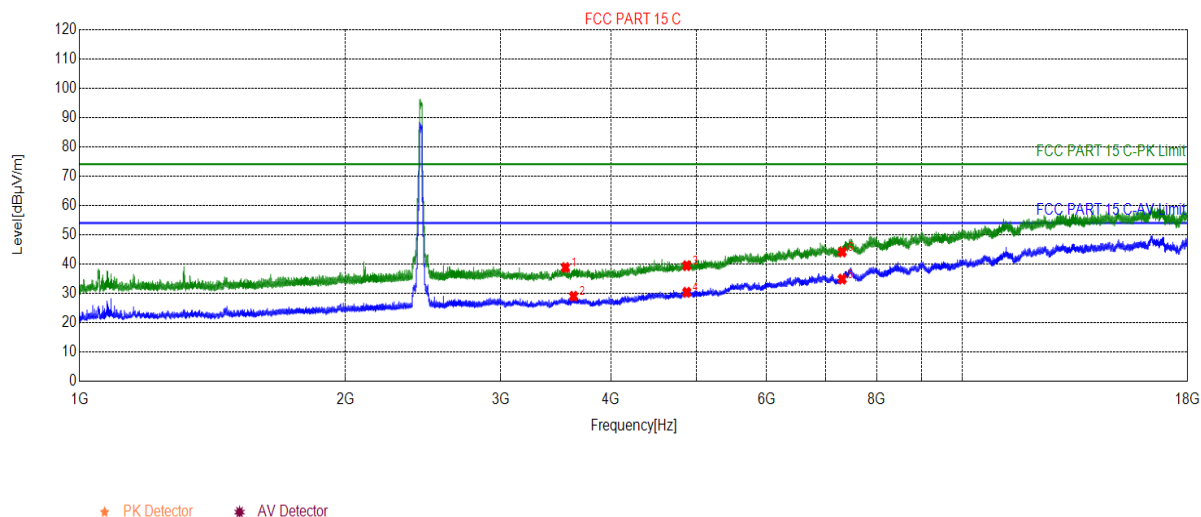
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Humi: 57% |

## 802.11g Channel 6

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3552.02     | 38.79          | -22.82      | 74.00          | 35.21       | 147         | 12        | Horizontal |
| 2              | 3628.22     | 29.00          | -22.38      | 54.00          | 25.00       | 185         | 258       | Horizontal |
| 3              | 4874.00     | 39.43          | -18.02      | 74.00          | 34.57       | 196         | 357       | Horizontal |
| 4              | 4874.00     | 30.36          | -18.02      | 54.00          | 23.64       | 231         | 215       | Horizontal |
| 5              | 7311.00     | 34.86          | -10.82      | 54.00          | 19.14       | 252         | 302       | Horizontal |
| 6              | 7311.00     | 44.10          | -10.82      | 74.00          | 29.90       | 191         | 201       | Horizontal |

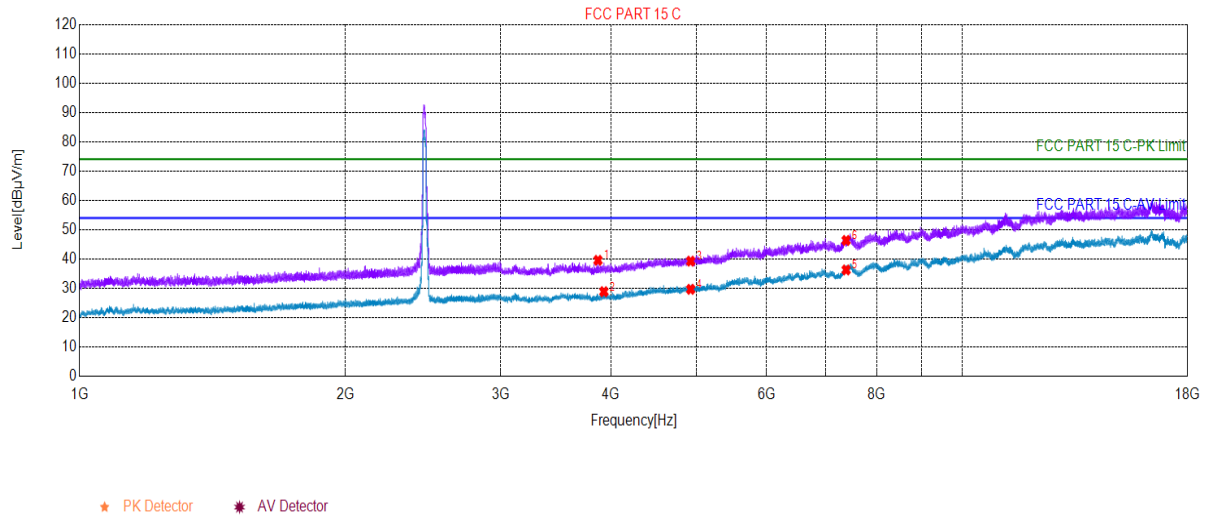
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11g Channel 11

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 3866.43     | 39.55          | -22.20      | 74.00          | 34.45       | 174         | 272       | Vertical |
| 2   | 3926.43     | 28.86          | -21.67      | 54.00          | 25.14       | 185         | 230       | Vertical |
| 3   | 4924.00     | 39.26          | -17.70      | 74.00          | 34.74       | 196         | 230       | Vertical |
| 4   | 4924.00     | 29.67          | -17.70      | 54.00          | 24.33       | 213         | 360       | Vertical |
| 5   | 7386.00     | 36.26          | -9.56       | 54.00          | 17.74       | 262         | 2         | Vertical |
| 6   | 7386.00     | 46.33          | -9.56       | 74.00          | 27.67       | 291         | 230       | Vertical |

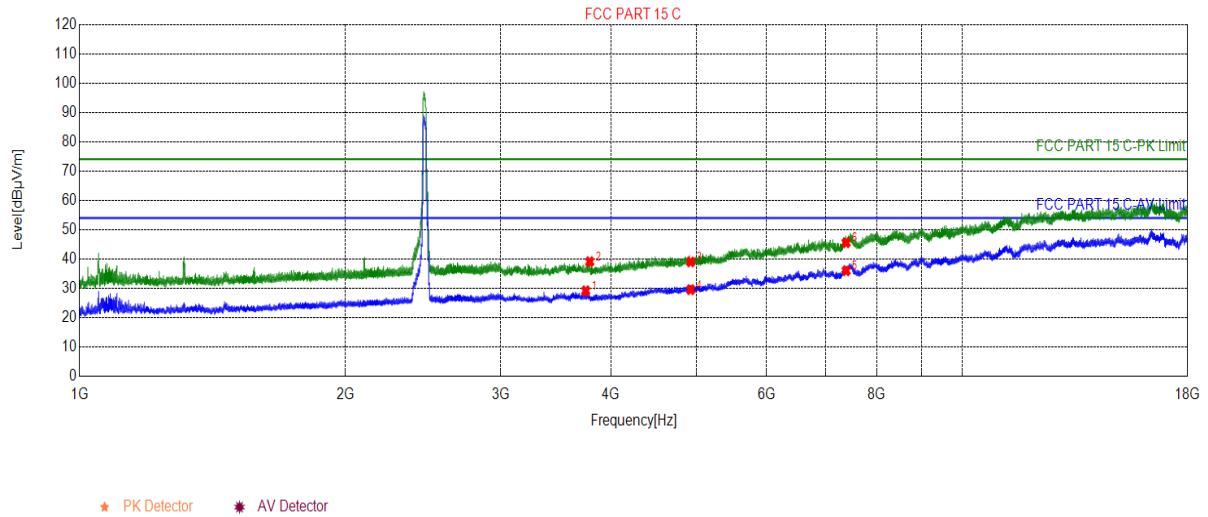
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Humi: 57% |

## 802.11g Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3745.22     | 29.16          | -22.28      | 54.00          | 24.84       | 196         | 243       | Horizontal |
| 2              | 3784.23     | 39.09          | -22.30      | 74.00          | 34.91       | 184         | 301       | Horizontal |
| 3              | 4924.00     | 39.01          | -17.70      | 74.00          | 34.99       | 174         | 113       | Horizontal |
| 4              | 4924.00     | 29.54          | -17.70      | 54.00          | 24.46       | 123         | 171       | Horizontal |
| 5              | 7386.00     | 35.99          | -9.56       | 54.00          | 18.01       | 262         | 113       | Horizontal |
| 6              | 7386.00     | 45.56          | -9.56       | 74.00          | 28.44       | 219         | 128       | Horizontal |

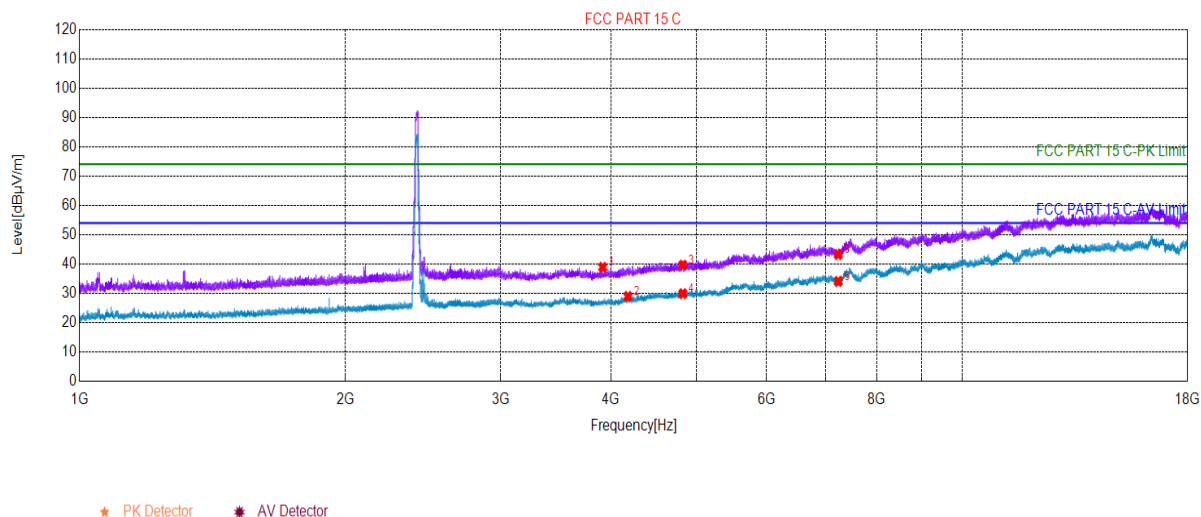
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n20 Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 3914.43     | 38.90          | -21.67      | 74.00          | 35.10       | 274         | 191       | Vertical |
| 2              | 4180.84     | 28.97          | -20.51      | 54.00          | 25.03       | 285         | 348       | Vertical |
| 3              | 4824.00     | 39.62          | -18.20      | 74.00          | 34.38       | 296         | 15        | Vertical |
| 4              | 4824.00     | 29.89          | -18.20      | 54.00          | 24.11       | 231         | 162       | Vertical |
| 5              | 7236.00     | 34.06          | -10.83      | 54.00          | 19.94       | 261         | 321       | Vertical |
| 6              | 7236.00     | 43.23          | -10.83      | 74.00          | 30.77       | 159         | 87        | Vertical |

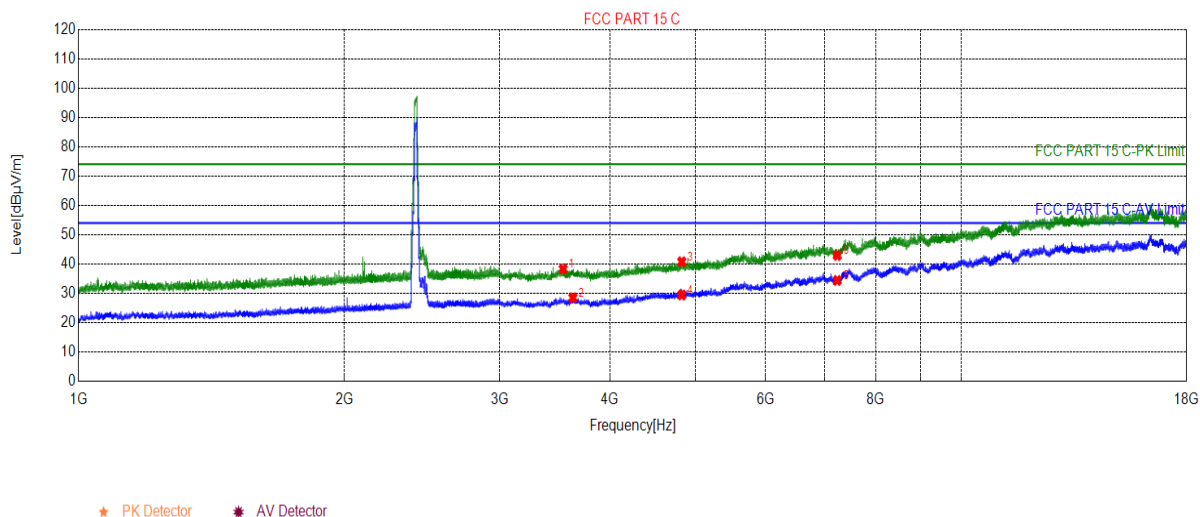
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Humi: 57% |

## 802.11n20 Channel 1

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3540.02     | 38.27          | -22.71      | 74.00          | 35.73       | 174         | 3         | Horizontal |
| 2              | 3631.22     | 28.48          | -22.34      | 54.00          | 25.52       | 185         | 89        | Horizontal |
| 3              | 4824.00     | 40.78          | -18.20      | 74.00          | 33.22       | 196         | 349       | Horizontal |
| 4              | 4824.00     | 29.43          | -18.20      | 54.00          | 24.57       | 231         | 4         | Horizontal |
| 5              | 7236.00     | 34.41          | -10.83      | 54.00          | 19.59       | 262         | 349       | Horizontal |
| 6              | 7236.00     | 42.92          | -10.83      | 74.00          | 31.08       | 291         | 203       | Horizontal |

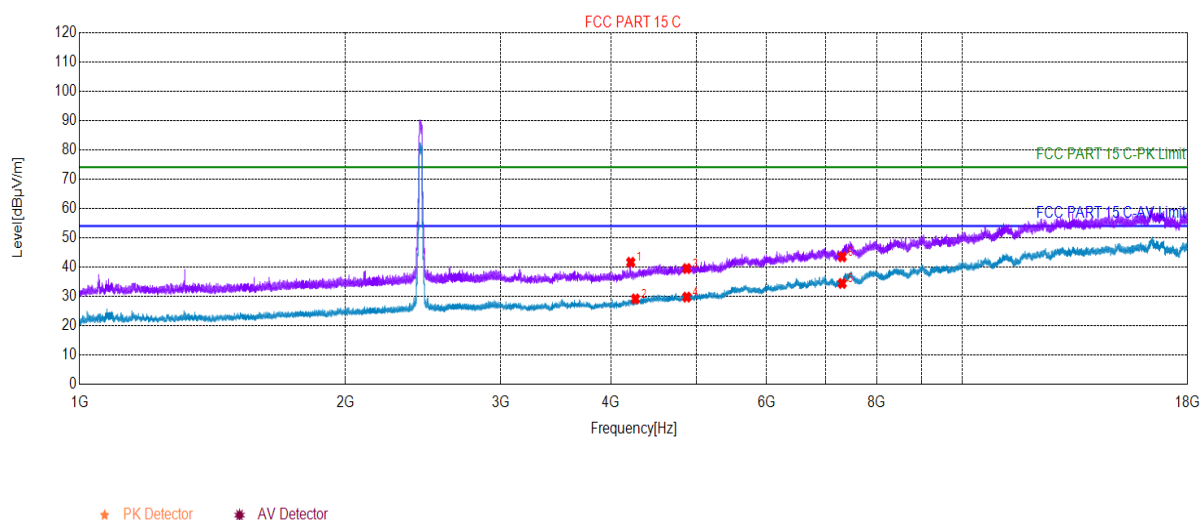
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n20 Channel 6

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 4211.44     | 41.60          | -20.43      | 74.00          | 32.40       | 226         | 205       | Vertical |
| 2   | 4263.05     | 29.13          | -20.34      | 54.00          | 24.87       | 291         | 205       | Vertical |
| 3   | 4874.00     | 39.48          | -18.02      | 74.00          | 34.52       | 248         | 75        | Vertical |
| 4   | 4874.00     | 29.74          | -18.02      | 54.00          | 24.26       | 174         | 233       | Vertical |
| 5   | 7311.00     | 34.40          | -10.82      | 54.00          | 19.60       | 185         | 156       | Vertical |
| 6   | 7311.00     | 43.48          | -10.82      | 74.00          | 30.52       | 196         | 257       | Vertical |

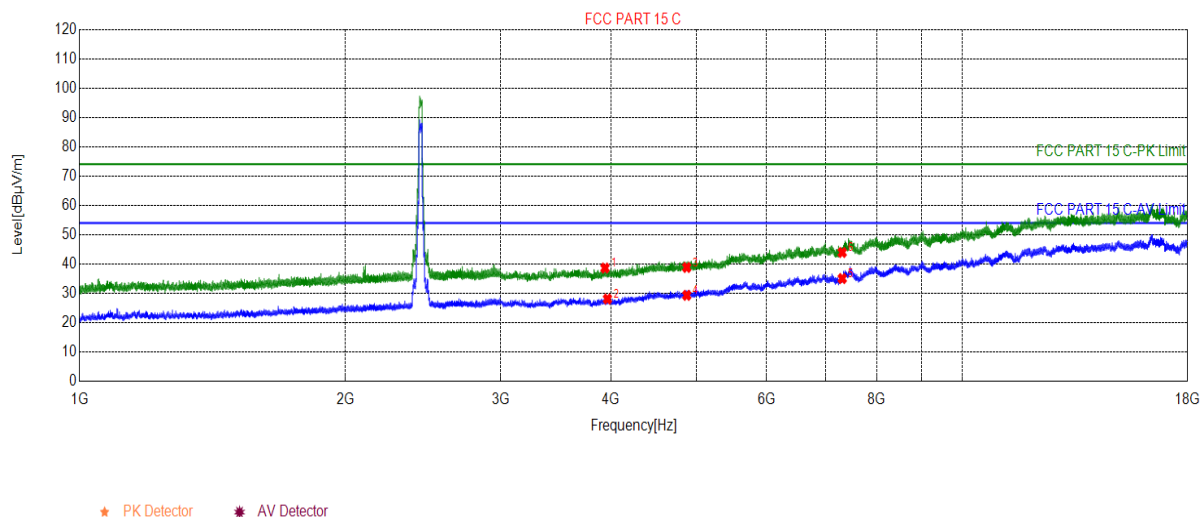
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Humi: 57% |

## 802.11n20 Channel 6

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3937.83     | 38.62          | -21.67      | 74.00          | 35.38       | 174         | 184       | Horizontal |
| 2              | 3963.03     | 28.08          | -21.64      | 54.00          | 25.92       | 185         | 318       | Horizontal |
| 3              | 4874.00     | 38.82          | -18.02      | 74.00          | 35.18       | 213         | 212       | Horizontal |
| 4              | 4874.00     | 29.32          | -18.02      | 54.00          | 24.68       | 262         | 233       | Horizontal |
| 5              | 7311.00     | 35.04          | -10.82      | 54.00          | 18.96       | 291         | 108       | Horizontal |
| 6              | 7311.00     | 43.94          | -10.82      | 74.00          | 30.06       | 156         | 198       | Horizontal |

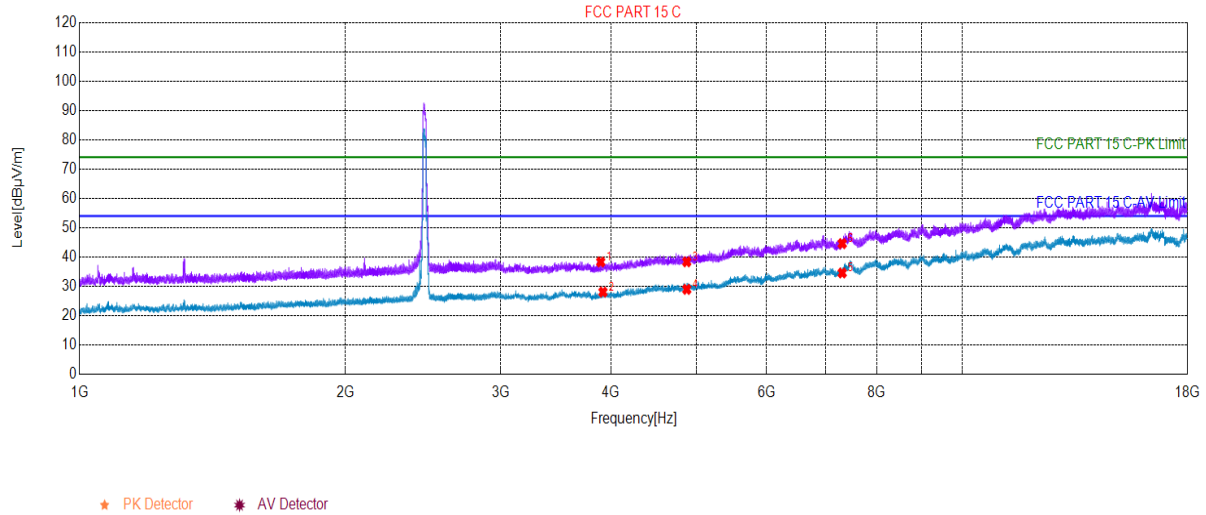
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n20 Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 3894.03     | 38.30          | -21.76      | 74.00          | 35.70       | 174         | 349       | Vertical |
| 2              | 3916.83     | 28.04          | -21.67      | 54.00          | 25.96       | 185         | 233       | Vertical |
| 3              | 4874.00     | 38.36          | -18.02      | 74.00          | 35.64       | 196         | 261       | Vertical |
| 4              | 4874.00     | 28.97          | -18.02      | 54.00          | 25.03       | 231         | 304       | Vertical |
| 5              | 7311.00     | 34.55          | -10.82      | 54.00          | 19.45       | 262         | 44        | Vertical |
| 6              | 7311.00     | 44.57          | -10.82      | 74.00          | 29.43       | 248         | 203       | Vertical |

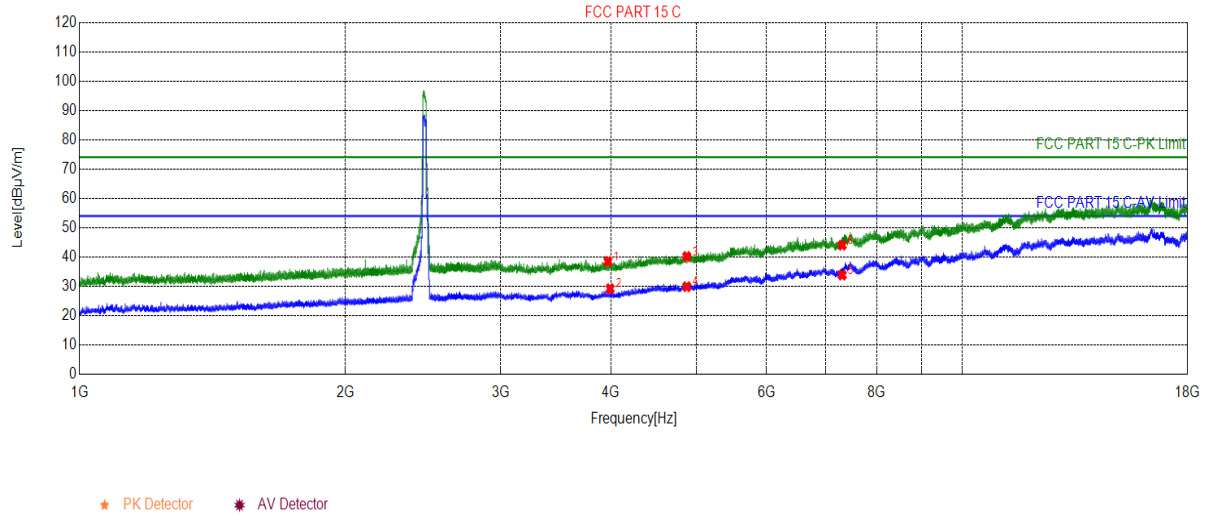
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Humi: 57% |

## 802.11n20 Channel 11

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3968.43     | 38.48          | -21.63      | 74.00          | 35.52       | 278         | 58        | Horizontal |
| 2              | 3990.63     | 29.21          | -21.58      | 54.00          | 24.79       | 123         | 58        | Horizontal |
| 3              | 4874.00     | 40.17          | -18.02      | 74.00          | 33.83       | 155         | 217       | Horizontal |
| 4              | 4874.00     | 29.88          | -18.02      | 54.00          | 24.12       | 159         | 247       | Horizontal |
| 5              | 7311.00     | 33.85          | -10.82      | 54.00          | 20.15       | 196         | 28        | Horizontal |
| 6              | 7311.00     | 44.04          | -10.82      | 74.00          | 29.96       | 213         | 333       | Horizontal |

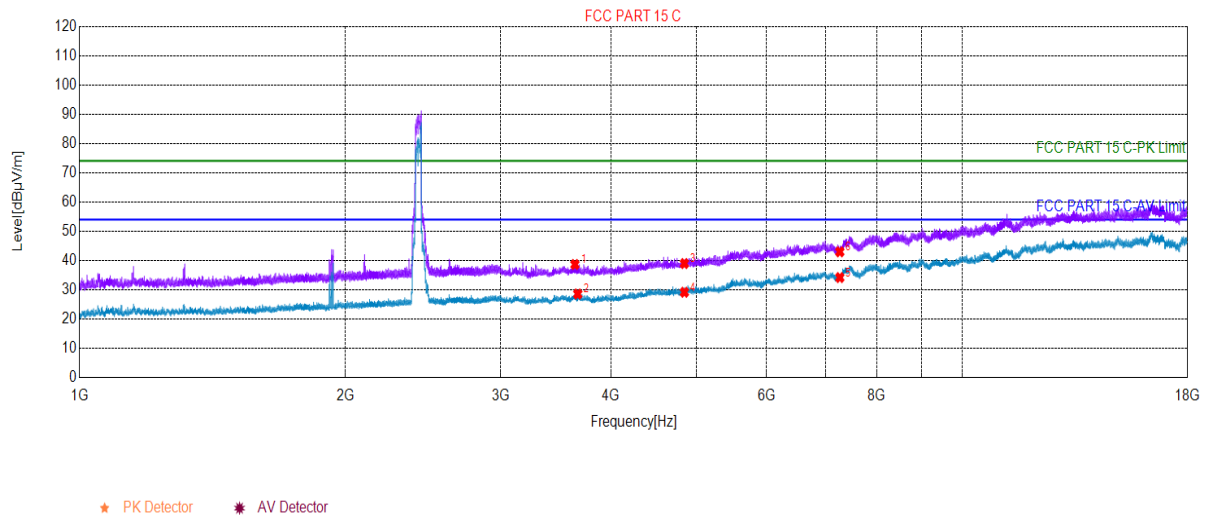
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

### 802.11n40 Channel 3

#### Test Graph



#### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 3640.82     | 38.65          | -22.23      | 74.00          | 35.35       | 294         | 248       | Vertical |
| 2              | 3667.82     | 28.55          | -22.42      | 54.00          | 25.45       | 184         | 116       | Vertical |
| 3              | 4844.00     | 38.97          | -18.11      | 74.00          | 35.03       | 175         | 44        | Vertical |
| 4              | 4844.00     | 29.15          | -18.11      | 54.00          | 24.85       | 123         | 333       | Vertical |
| 5              | 7266.00     | 34.18          | -11.00      | 54.00          | 19.82       | 261         | 320       | Vertical |
| 6              | 7266.00     | 42.96          | -11.00      | 74.00          | 31.04       | 191         | 16        | Vertical |

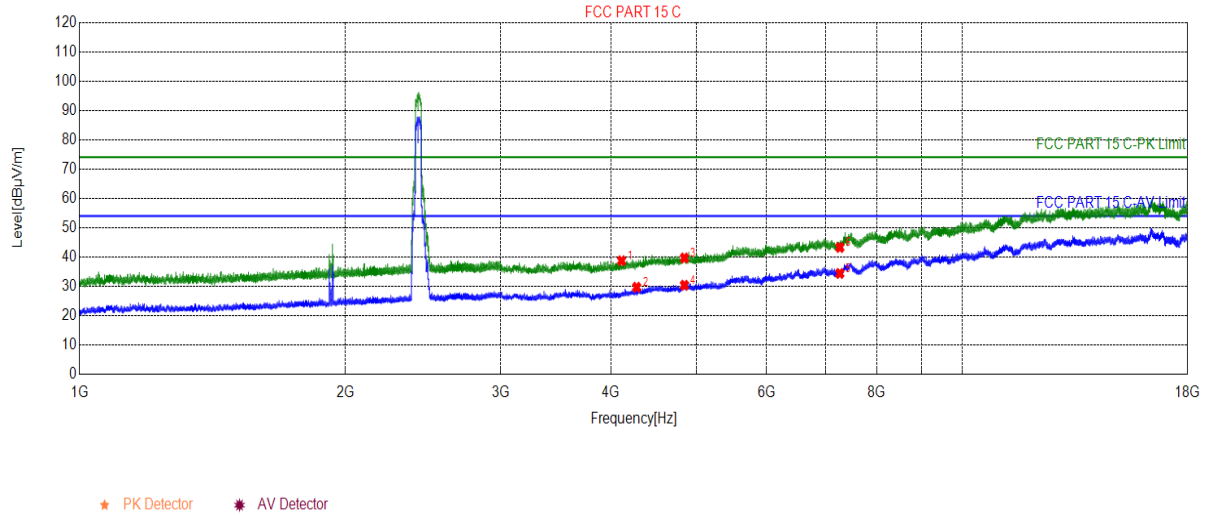
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Humi: 57% |

## 802.11n40 Channel 3

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 4111.84     | 38.72          | -21.23      | 74.00          | 35.28       | 174         | 233       | Horizontal |
| 2              | 4276.85     | 29.68          | -20.39      | 54.00          | 24.32       | 185         | 248       | Horizontal |
| 3              | 4844.00     | 39.66          | -18.11      | 74.00          | 34.34       | 151         | 262       | Horizontal |
| 4              | 4844.00     | 30.38          | -18.11      | 54.00          | 23.62       | 213         | 45        | Horizontal |
| 5              | 7266.00     | 34.39          | -11.00      | 54.00          | 19.61       | 261         | 262       | Horizontal |
| 6              | 7266.00     | 43.27          | -11.00      | 74.00          | 30.73       | 191         | 262       | Horizontal |

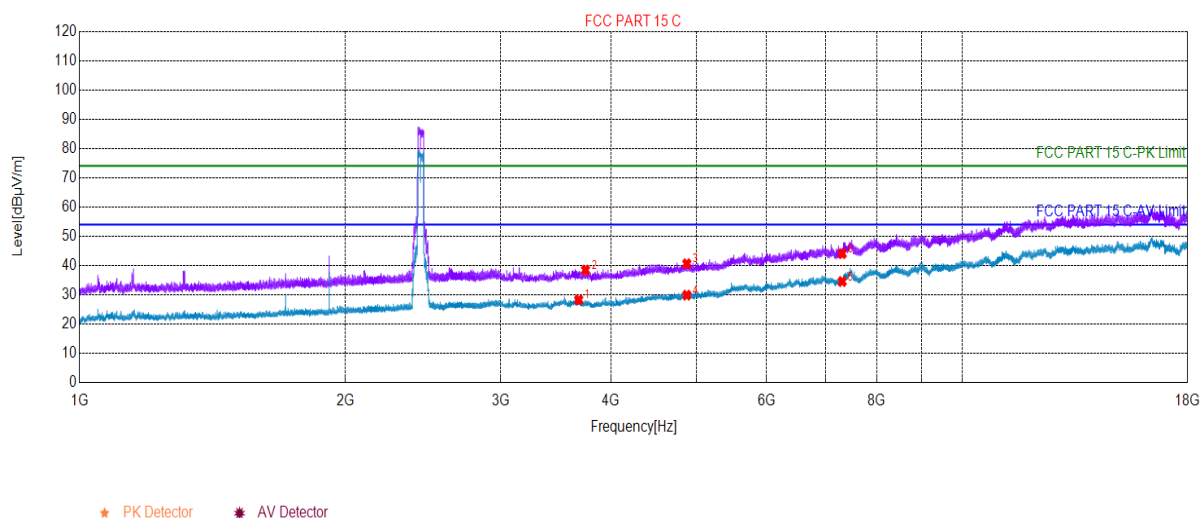
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 6

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 3676.82     | 28.24          | -22.57      | 54.00          | 25.76       | 129         | 2         | Vertical |
| 2   | 3742.82     | 38.43          | -22.32      | 74.00          | 35.57       | 231         | 248       | Vertical |
| 3   | 4874.00     | 40.60          | -18.02      | 74.00          | 33.40       | 258         | 132       | Vertical |
| 4   | 4874.00     | 29.87          | -18.02      | 54.00          | 24.13       | 191         | 4         | Vertical |
| 5   | 7311.00     | 34.53          | -10.82      | 54.00          | 19.47       | 256         | 261       | Vertical |
| 6   | 7311.00     | 44.06          | -10.82      | 74.00          | 29.94       | 261         | 130       | Vertical |

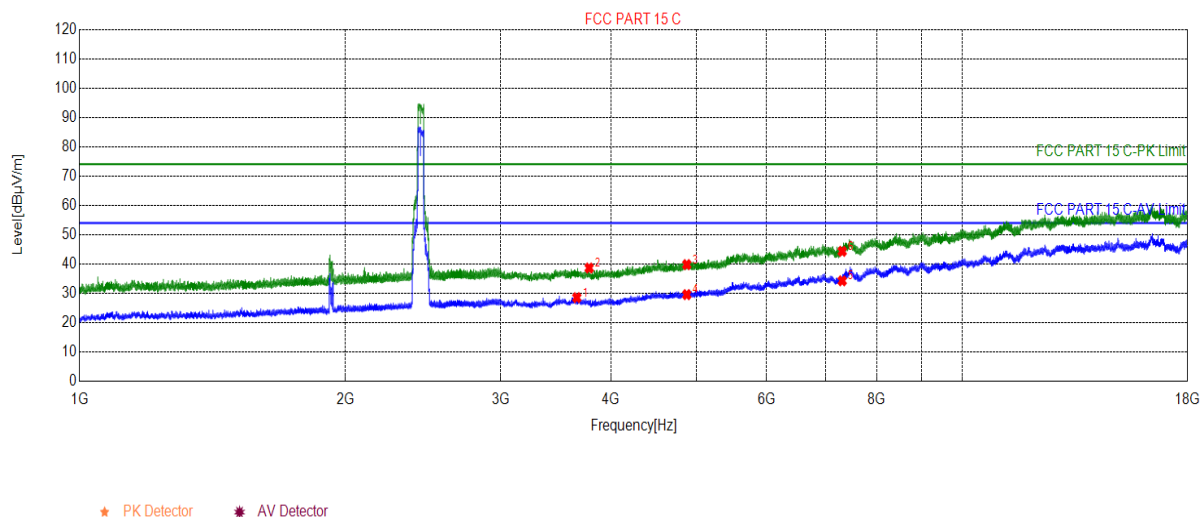
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 6

### Test Graph



### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 3658.82     | 28.53          | -22.27      | 54.00          | 25.47       | 188         | 59        | Horizontal |
| 2              | 3778.83     | 38.63          | -22.28      | 74.00          | 35.37       | 196         | 232       | Horizontal |
| 3              | 4874.00     | 39.80          | -18.02      | 74.00          | 34.20       | 123         | 102       | Horizontal |
| 4              | 4874.00     | 29.55          | -18.02      | 54.00          | 24.45       | 262         | 45        | Horizontal |
| 5              | 7311.00     | 34.27          | -10.82      | 54.00          | 19.73       | 291         | 247       | Horizontal |
| 6              | 7311.00     | 44.33          | -10.82      | 74.00          | 29.67       | 112         | 46        | Horizontal |

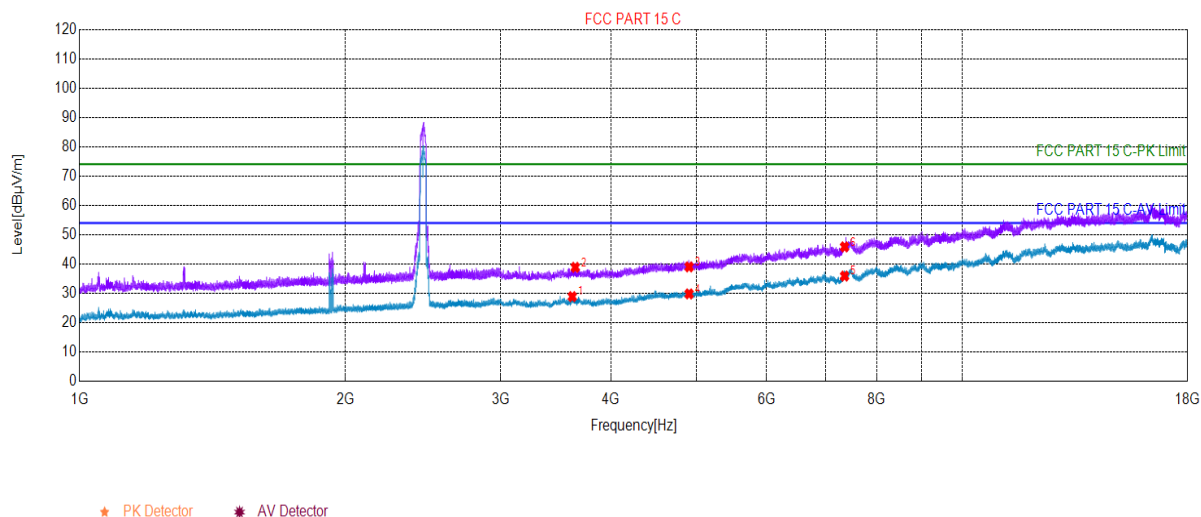
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 9

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| 1   | 3615.62     | 28.88          | -22.52      | 54.00          | 25.12       | 177         | 46        | Vertical |
| 2   | 3643.82     | 38.85          | -22.20      | 74.00          | 35.15       | 188         | 217       | Vertical |
| 3   | 4904.00     | 39.01          | -17.90      | 74.00          | 34.99       | 284         | 3         | Vertical |
| 4   | 4904.00     | 29.80          | -17.90      | 54.00          | 24.20       | 261         | 0         | Vertical |
| 5   | 7356.00     | 35.88          | -9.50       | 54.00          | 18.12       | 213         | 44        | Vertical |
| 6   | 7356.00     | 45.84          | -9.50       | 74.00          | 28.16       | 162         | 334       | Vertical |

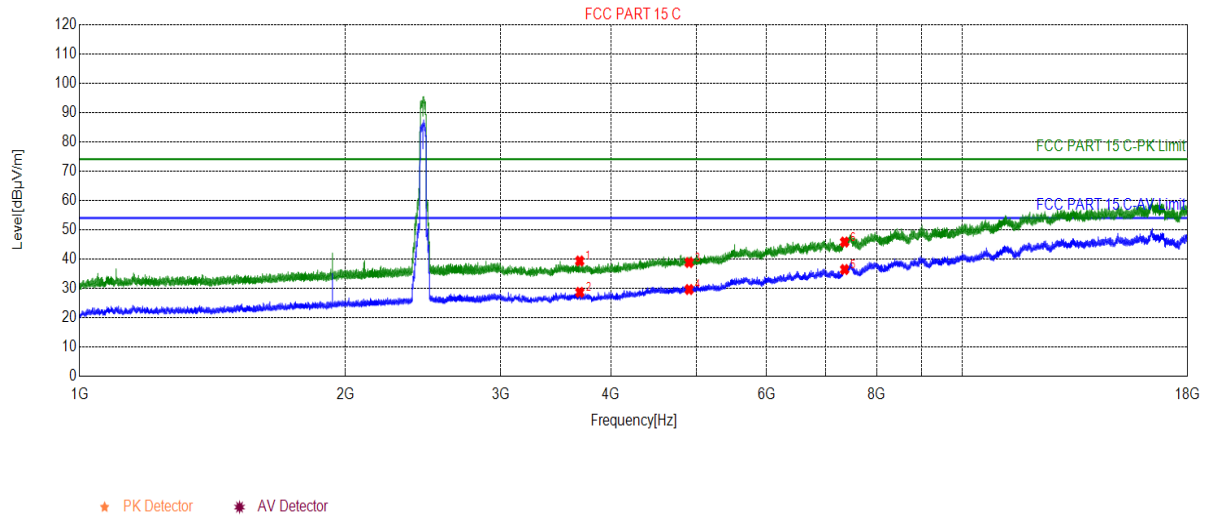
#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1370             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11n40 Channel 9

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 3686.42     | 39.32          | -22.73      | 74.00          | 34.68       | 174         | 248       | Horizontal |
| 2   | 3687.62     | 28.64          | -22.75      | 54.00          | 25.36       | 181         | 103       | Horizontal |
| 3   | 4904.00     | 38.79          | -17.90      | 74.00          | 35.21       | 213         | 262       | Horizontal |
| 4   | 4904.00     | 29.59          | -17.90      | 54.00          | 24.41       | 321         | 3         | Horizontal |
| 5   | 7356.00     | 36.42          | -9.50       | 54.00          | 17.58       | 259         | 262       | Horizontal |
| 6   | 7356.00     | 45.78          | -9.50       | 74.00          | 28.22       | 191         | 74        | Horizontal |

#### Remark:

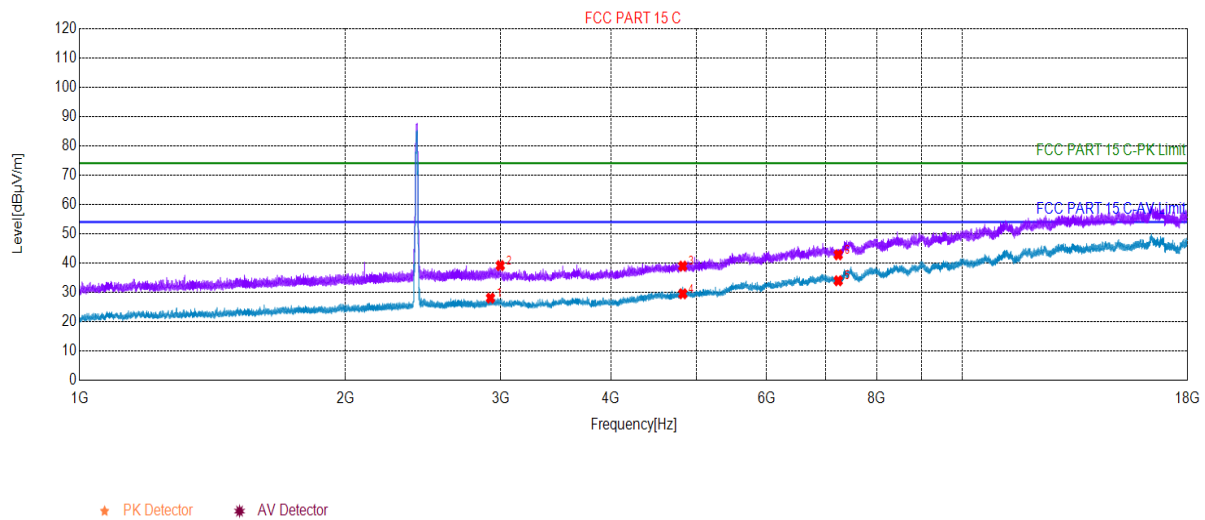
- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

## TA-1361(Spot check)

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Vertical            |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Huni: 57% |

## 802.11b Channel 1

## Test Graph



## Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 2920.6960   | 28.04          | 7.86        | 54.00          | 25.96       | 241         | 48        | Vertical |
| 2              | 2996.5998   | 39.12          | 8.03        | 74.00          | 34.88       | 285         | 266       | Vertical |
| 3              | 4824.0000   | 38.94          | -18.20      | 74.00          | 35.06       | 224         | 300       | Vertical |
| 4              | 4824.0000   | 29.51          | -18.20      | 54.00          | 24.49       | 296         | 215       | Vertical |
| 5              | 7236.0000   | 33.94          | -10.83      | 54.00          | 20.06       | 241         | 25        | Vertical |
| 6              | 7236.0000   | 42.80          | -10.83      | 74.00          | 31.20       | 278         | 68        | Vertical |

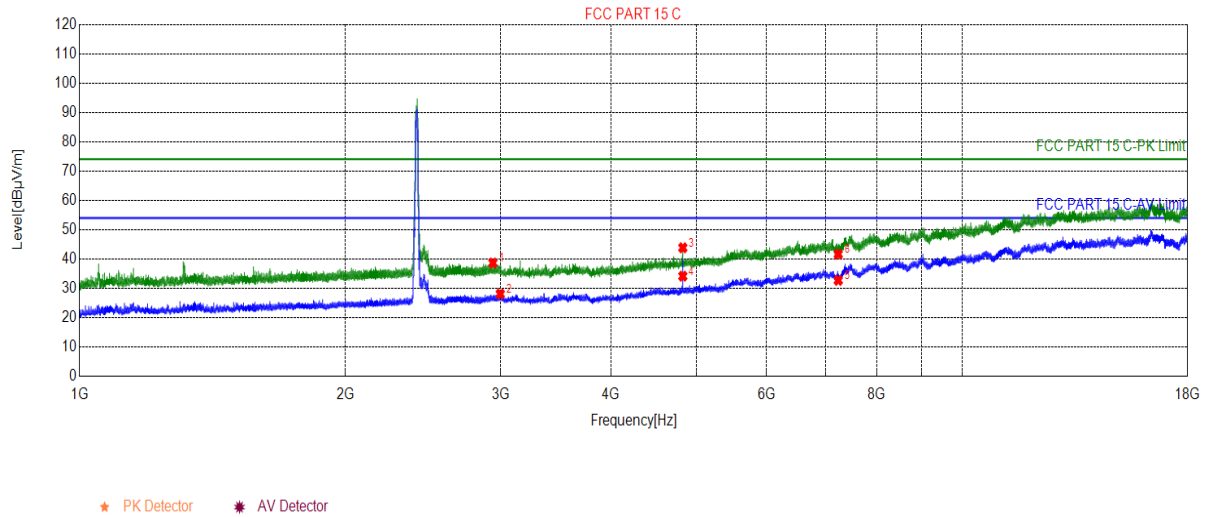
## Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

|               |              |                |                     |
|---------------|--------------|----------------|---------------------|
| Product Name: | Smart Phone  | Product Model: | TA-1361             |
| Test By:      | Mike         | Polarization:  | Horizontal          |
| Test Voltage: | AC 120V/60Hz | Environment:   | Temp: 24℃ Humi: 57% |

## 802.11b Channel 1

### Test Graph



### Suspected List

#### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 2939.4970   | 38.64          | 7.94        | 74.00          | 35.36       | 174         | 354       | Horizontal |
| 2   | 2996.5998   | 28.08          | 8.03        | 54.00          | 25.92       | 165         | 48        | Horizontal |
| 3   | 4824.0000   | 43.84          | -18.20      | 74.00          | 30.16       | 184         | 346       | Horizontal |
| 4   | 4824.0000   | 34.15          | -18.20      | 54.00          | 19.85       | 196         | 346       | Horizontal |
| 5   | 7236.0000   | 32.71          | -10.83      | 54.00          | 21.29       | 157         | 346       | Horizontal |
| 6   | 7236.0000   | 41.66          | -10.83      | 74.00          | 32.34       | 188         | 215       | Horizontal |

#### Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

## 7 Test Setup Photo

Reference to the test setup photos:: BT & Wi-Fi & NII Setup Photos.

## 8 EUT Constructional Details

Reference to the External Photo and Internal Photo

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