

Project No: TM-2210000301P

Page: 1 / 147

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

Rev.: 02

# PERMISSIVE CHANGE TEST REPORT

## FCC 47 CFR PART 15 SUBPART E

### INDUSTRY CANADA RSS-247

|                          |                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Standard            | FCC Part 15.407+<br>RSS-247 issue 2 and RSS-GEN issue 5                                                                                             |
| FCC ID                   | VPYLB1ZM                                                                                                                                            |
| IC                       | 772C-LB1ZM                                                                                                                                          |
| Product name             | Communication Module                                                                                                                                |
| Brand Name               | muRata                                                                                                                                              |
| Model No.                | LBEE5QD1ZM                                                                                                                                          |
| Test Result              | Pass                                                                                                                                                |
| Statements of Conformity | Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty. |

The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in ANSI C63.10: 2013 and compliance standards.

The test results of this report relate only to the tested sample (EUT) identified in this report.

The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc.(Wugu Laboratory)

Approved by:



Shawn Wu  
Supervisor

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

## Revision History

| Rev. | Issue Date        | Revisions                       | Effect Page | Revised By   |
|------|-------------------|---------------------------------|-------------|--------------|
| 00   | December 11, 2020 | Initial Issue                   | ALL         | Mita Wu      |
| 01   | January 7, 2021   | See the following Note Rev.(01) | ALL         | Allison Chen |
| 02   | November 22, 2022 | See the following Note Rev.(02) | ALL         | Doris Chu    |

**Note:**
**Rev.(01)**

1. This test report is an addendum to the original test report T200915W04-RP4, the EUTs represent the original and this test report are assessed as identical in hardware and software, measurement results in the original report are fully leveraged in this test report without further verification test.

**Rev.(02)**

1. Changed antenna type to chip antenna (molex / 2119640001), and only re-test radiation. Other Test data is referenced from cross authorization(s) Measurement results in the original test report (T201215W01-RP4) under issue date (January 7, 2021) are fully leveraged in this test report.
2. Other information, please refer to the T201215W01 and this test report.

## Table of contents

|                                                               |            |
|---------------------------------------------------------------|------------|
| <b>1. GENERAL INFORMATION .....</b>                           | <b>4</b>   |
| <b>1.1 EUT INFORMATION .....</b>                              | <b>4</b>   |
| <b>1.2 EUT CHANNEL INFORMATION .....</b>                      | <b>5</b>   |
| <b>1.3 ANTENNA INFORMATION .....</b>                          | <b>6</b>   |
| <b>1.4 MEASUREMENT UNCERTAINTY .....</b>                      | <b>7</b>   |
| <b>1.5 FACILITIES AND TEST LOCATION .....</b>                 | <b>8</b>   |
| <b>1.6 INSTRUMENT CALIBRATION.....</b>                        | <b>8</b>   |
| <b>1.7 SUPPORT AND EUT ACCESSORIES EQUIPMENT .....</b>        | <b>9</b>   |
| <b>1.8 TEST METHODOLOGY AND APPLIED STANDARDS .....</b>       | <b>9</b>   |
| <b>2. TEST SUMMARY .....</b>                                  | <b>10</b>  |
| <b>3. DESCRIPTION OF TEST MODES .....</b>                     | <b>11</b>  |
| <b>3.1 THE EUT CHANNEL NUMBER OF OPERATING CONDITION.....</b> | <b>11</b>  |
| <b>3.2 THE WORST MODE OF MEASUREMENT .....</b>                | <b>12</b>  |
| <b>4. TEST RESULT .....</b>                                   | <b>13</b>  |
| <b>4.1 RADIATION BANDEDGE AND SPURIOUS EMISSION .....</b>     | <b>13</b>  |
| <b>APPENDIX-A TEST PHOTO .....</b>                            | <b>A-1</b> |
| <b>APPENDIX 1 - PHOTOGRAPHS OF EUT</b>                        |            |

# 1. GENERAL INFORMATION

## 1.1 EUT INFORMATION

|                   |                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------|
| Applicant         | Murata Manufacturing Co., Ltd.<br>1-10-1, Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan |
| Manufacturer      | Murata Manufacturing Co., Ltd.<br>1-10-1, Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan |
| Equipment         | Communication Module                                                                          |
| Model No.         | LBEE5QD1ZM                                                                                    |
| Model Discrepancy | N/A                                                                                           |
| Trade Name        | muRata                                                                                        |
| Received Date     | October 19, 2022                                                                              |
| Date of Test      | October 26 ~ November 2, 2022                                                                 |
| Power Supply      | Power from Power supply.                                                                      |
| HW Version        | 1.0                                                                                           |
| SW Version        | 1.0                                                                                           |
| EUT Serial #      | Radiated : 2610 #1                                                                            |

### Remark:

1. For more details, please refer to the User's manual and Operation description of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

## 1.2 EUT CHANNEL INFORMATION

|                 |                                        |                      |
|-----------------|----------------------------------------|----------------------|
| Frequency Range | <b>UNII-1</b>                          |                      |
|                 | IEEE 802.11a                           | 5180 ~ 5240 MHz      |
|                 | IEEE 802.11n HT 20 MHz                 | 5180 ~ 5240 MHz      |
|                 | IEEE 802.11n HT 40 MHz                 | 5190 ~ 5230 MHz      |
|                 | IEEE 802.11ac VHT 20 MHz               | 5180 ~ 5240 MHz      |
|                 | IEEE 802.11ac VHT 40 MHz               | 5190 ~ 5230 MHz      |
|                 | IEEE 802.11ac VHT 80 MHz               | 5210 MHz             |
|                 | <b>UNII-2a</b>                         |                      |
|                 | IEEE 802.11a                           | 5260 ~ 5320 MHz      |
|                 | IEEE 802.11n HT 20 MHz                 | 5260 ~ 5320 MHz      |
|                 | IEEE 802.11n HT 40 MHz                 | 5270 ~ 5310 MHz      |
|                 | IEEE 802.11ac VHT 20 MHz               | 5260 ~ 5320 MHz      |
|                 | IEEE 802.11ac VHT 40 MHz               | 5270 ~ 5310 MHz      |
|                 | IEEE 802.11ac VHT 80 MHz               | 5290 MHz             |
|                 | <b>UNII-2c</b>                         |                      |
|                 | IEEE 802.11a                           | 5500 ~ 5720 MHz      |
|                 | IEEE 802.11n HT 20 MHz                 | 5500 ~ 5720 MHz      |
|                 | IEEE 802.11n HT 40 MHz                 | 5510 ~ 5710 MHz      |
|                 | IEEE 802.11ac VHT 20 MHz               | 5500 ~ 5720 MHz      |
|                 | IEEE 802.11ac VHT 40 MHz               | 5510 ~ 5710 MHz      |
|                 | IEEE 802.11ac VHT 80 MHz               | 5530, 5610, 5690 MHz |
|                 | <b>UNII-3</b>                          |                      |
|                 | IEEE 802.11a                           | 5745 ~ 5825 MHz      |
|                 | IEEE 802.11n HT 20 MHz                 | 5745 ~ 5825 MHz      |
|                 | IEEE 802.11n HT 40 MHz                 | 5755 ~ 5795 MHz      |
|                 | IEEE 802.11ac VHT 20 MHz               | 5745 ~ 5825 MHz      |
|                 | IEEE 802.11ac VHT 40 MHz               | 5755 ~ 5795 MHz      |
|                 | IEEE 802.11ac VHT 80 MHz               | 5775 MHz             |
| Modulation Type | 1. IEEE 802.11a mode: OFDM             |                      |
|                 | 2. IEEE 802.11n HT 20 MHz mode: OFDM   |                      |
|                 | 3. IEEE 802.11n HT 40 MHz mode: OFDM   |                      |
|                 | 4. IEEE 802.11ac VHT 20 MHz mode: OFDM |                      |
|                 | 5. IEEE 802.11ac VHT 40 MHz mode: OFDM |                      |
|                 | 6. IEEE 802.11ac VHT 80 MHz mode: OFDM |                      |

### Remark:

1. Refer as ANSI C63.10: 2013 clause 5.6.1 Table 4 for test channels.
2. For Canada the EUT Frequency Range 5600~5720MHz will be disabled.



| Number of frequencies to be tested                   |                       |                                              |
|------------------------------------------------------|-----------------------|----------------------------------------------|
| Frequency range in which device operates             | Number of frequencies | Location in frequency range of operation     |
| <input type="checkbox"/> 1 MHz or less               | 1                     | Middle                                       |
| <input type="checkbox"/> 1 MHz to 10 MHz             | 2                     | 1 near top and 1 near bottom                 |
| <input checked="" type="checkbox"/> More than 10 MHz | 3                     | 1 near top, 1 near middle, and 1 near bottom |

### 1.3 ANTENNA INFORMATION

|                       |                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Specification | <input type="checkbox"/> PIFA <input checked="" type="checkbox"/> Chip <input type="checkbox"/> Dipole <input type="checkbox"/> Coils |
| Antenna Gain          | molex / 2119640001<br>Gain: 2.2 dBi                                                                                                   |

Remark:

1.The antenna(s) of the EUT are permanently attached and there are no provisions for connection to an external antenna. So the EUT complies with the requirements of §15.203 and RSS-Gen 6.8.

## 1.4 MEASUREMENT UNCERTAINTY

| PARAMETER                      | UNCERTAINTY |
|--------------------------------|-------------|
| Radiated Emission_9kHz-30MHz   | $\pm 3.814$ |
| Radiated Emission_30MHz-200MHz | $\pm 4.272$ |
| Radiated Emission_200MHz-1GHz  | $\pm 4.619$ |
| Radiated Emission_1GHz-6GHz    | $\pm 5.522$ |
| Radiated Emission_6GHz-18GHz   | $\pm 5.228$ |
| Radiated Emission_18GHz-26GHz  | $\pm 4.089$ |
| Radiated Emission_26GHz-40GHz  | $\pm 4.019$ |

**Remark:**

- 1.This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2
2. ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.

## 1.5 FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.

☐ No. 12, Ln. 116, Wugong 3rd Rd., Wugu Dist., New Taipei City, Taiwan 24803

CAB identifier: TW1309

| Test site | Test Engineer     | Remark |
|-----------|-------------------|--------|
| Radiation | Ray Li, Tony Chao | -      |

### Remark:

1. The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC public Access Link (PAL) database, FCC Registration No. :444940, the FCC Designation No.:TW1309

2. The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.

## 1.6 INSTRUMENT CALIBRATION

| 3M 966 Chamber Test Site |                  |                    |                    |            |            |
|--------------------------|------------------|--------------------|--------------------|------------|------------|
| Equipment                | Manufacturer     | Model              | Serial Number      | Cal Date   | Cal Due    |
| K-Type Cable             | Huber+Suhner     | SUCOFLEX 102       | 29406/2            | 2021-12-05 | 2022-12-04 |
| Bi-Log Antenna           | Sunol Sciences   | JB3                | A030105            | 2022-08-03 | 2023-08-02 |
| Spectrum Analyzer        | Agilent          | E4446A             | MY46180323         | 2021-12-06 | 2022-12-05 |
| Thermo-Hygro Meter       | WISEWIND         | 1206               | D07                | 2021-12-28 | 2022-12-27 |
| Loop Antenna             | COM-POWER        | AL-130             | 121051             | 2022-04-13 | 2023-04-12 |
| Horn Antenna             | SCHWARZBECK      | BBHA9170           | 1047               | 2022-01-11 | 2023-01-10 |
| Coaxial Cable            | EMCI             | EMC101G- KM-KM-500 | 211041             | 2021-12-23 | 2022-12-22 |
| Coaxial Cable            | EMC              | EMC101G-KM-KM-9000 | 211042             | 2021-12-23 | 2022-12-22 |
| Pre-Amplifier            | EMCI             | EMC184045SE        | 980860             | 2021-12-28 | 2022-12-27 |
| Horn Antenna             | ETS LINDGREN     | 3116               | 00026370           | 2021-11-30 | 2022-11-29 |
| Cable                    | Woken            | J-1099             | 201709090004       | 2021-12-23 | 2022-12-22 |
| Preamplifier             | EMEC             | EM330              | 060609             | 2022-02-23 | 2023-02-22 |
| Preamplifier             | HP               | 8449B              | 3008A00965         | 2021-12-24 | 2022-12-23 |
| Cable                    | Huber+Suhner     | 104PEA             | 20995+11112+182330 | 2022-02-23 | 2023-02-22 |
| Coaxial Cable            | EMCI             | EMC105             | 190914+33953       | 2022-06-15 | 2023-06-14 |
| Horn Antenna             | ETC              | MCTD 1209          | DRH13M02003        | 2022-01-25 | 2023-01-24 |
| High Pass Filters        | MICRO TRONICS    | HPM13195           | 003                | 2022-02-10 | 2023-02-09 |
| Turn Table               | CCS              | CC-T-1F            | N/A                | N.C.R      | N.C.R      |
| Controller               | CCS              | CC-C-1F            | N/A                | N.C.R      | N.C.R      |
| Antenna Tower            | CCS              | CC-A-1F            | N/A                | N.C.R      | N.C.R      |
| Software                 | e3 6.11-20180413 |                    |                    |            |            |

### Remark:

- Each piece of equipment is scheduled for calibration once a year.
- N.C.R. = No Calibration Required.

## 1.7 SUPPORT AND EUT ACCESSORIES EQUIPMENT

| EUT Accessories Equipment |           |       |       |            |        |
|---------------------------|-----------|-------|-------|------------|--------|
| No.                       | Equipment | Brand | Model | Series No. | FCC ID |
|                           | N/A       |       |       |            |        |

| Support Equipment |           |        |          |            |        |
|-------------------|-----------|--------|----------|------------|--------|
| No.               | Equipment | Brand  | Model    | Series No. | FCC ID |
| 1                 | NB(G)     | Lenovo | IBM 1951 | N/A        | N/A    |

## 1.8 TEST METHODOLOGY AND APPLIED STANDARDS

The test methodology, setups and results comply with all requirements in accordance with ANSI C63.10:2013, FCC Part 2, FCC Part 15.407, KDB 789033 D02, KDB 905462 D02, KDB 662911, RSS-247 Issue 2 and RSS-GEN Issue 5.

## 2. TEST SUMMARY

| FCC<br>Standard<br>Sec. | IC<br>Standard Sec.                                                          | Chapter | Test Item                   | Result |
|-------------------------|------------------------------------------------------------------------------|---------|-----------------------------|--------|
| 15.203                  | -                                                                            | 1.3     | Antenna Requirement         | Pass   |
| 15.407(b)               | RSS-247(6.2.1.2)<br>RSS-247(6.2.2.2)<br>RSS-247(6.2.3.2)<br>RSS-247(6.2.4.2) | 4.1     | Radiation Band Edge         | Pass   |
| 15.407(b)               | RSS-247(6.2.1.2)<br>RSS-247(6.2.2.2)<br>RSS-247(6.2.3.2)<br>RSS-247(6.2.4.2) | 4.1     | Radiation Spurious Emission | Pass   |

### 3. DESCRIPTION OF TEST MODES

#### 3.1 THE EUT CHANNEL NUMBER OF OPERATING CONDITION

|                          |                                                                                                                                                                                                                                         |                          |                        |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|
| Operation mode           | 1. IEEE 802.11a mode: 6Mbps<br>2. IEEE 802.11n HT 20 MHz mode: MCS0<br>3. IEEE 802.11n HT 40 MHz mode: MCS0<br>4. IEEE 802.11ac VHT20 MHz mode: MCS0<br>5. IEEE 802.11ac VHT40 MHz mode: MCS0<br>6. IEEE 802.11ac VHT 80 MHz mode: MCS0 |                          |                        |
| Operating Frequency      |                                                                                                                                                                                                                                         |                          |                        |
|                          |                                                                                                                                                                                                                                         |                          |                        |
|                          | U-NII-1                                                                                                                                                                                                                                 | Mode                     | Frequency Range (MHz)  |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11a             | 5180, 5220, 5240       |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11n HT 20 MHz   | 5180, 5220, 5240       |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11n HT 40 MHz   | 5190, 5230             |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11ac VHT 20 MHz | 5180, 5220, 5240       |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11ac VHT 40 MHz | 5190, 5230             |
|                          | U-NII-2a                                                                                                                                                                                                                                | IEEE 802.11ac VHT 80 MHz | 5210                   |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11a             | 5260, 5280, 5320       |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11n HT 20 MHz   | 5260, 5280, 5320       |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11n HT 40 MHz   | 5270, 5310             |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11ac VHT 20 MHz | 5260, 5280, 5320       |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11ac VHT 40 MHz | 5270, 5310             |
|                          | U-NII-2c                                                                                                                                                                                                                                | IEEE 802.11ac VHT 80 MHz | 5290                   |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11a             | 5500, 5580, 5700, 5720 |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11n HT 20 MHz   | 5500, 5580, 5700, 5720 |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11n HT 40 MHz   | 5510, 5550, 5670,5710  |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11ac VHT 20 MHz | 5500, 5580, 5700, 5720 |
|                          |                                                                                                                                                                                                                                         | IEEE 802.11ac VHT 40 MHz | 5510, 5550, 5670, 5710 |
|                          | U-NII-3                                                                                                                                                                                                                                 | IEEE 802.11ac VHT 80 MHz | 5530, 5610, 5690       |
| IEEE 802.11a             |                                                                                                                                                                                                                                         | 5745, 5785, 5825         |                        |
| IEEE 802.11n HT 20 MHz   |                                                                                                                                                                                                                                         | 5745, 5785, 5825         |                        |
| IEEE 802.11n HT 40 MHz   |                                                                                                                                                                                                                                         | 5755, 5795               |                        |
| IEEE 802.11ac VHT 20 MHz |                                                                                                                                                                                                                                         | 5745, 5785, 5825         |                        |
| IEEE 802.11ac VHT 40 MHz |                                                                                                                                                                                                                                         | 5755, 5795               |                        |
|                          | IEEE 802.11ac VHT 80 MHz                                                                                                                                                                                                                | 5775                     |                        |

Remark:

1. EUT pre-scanned data rate of output power for each mode, the worst data rate were recorded in this report.
2. The mode IEEE 802.11ac VHT20 and VHT40 MHz are only different in control messages with IEEE 802.11n HT20 and HT40 MHz, and have same power setting. Therefore, the highest power(IEEE 802.11n HT20 and HT40 MHz) were test conducted and radiated measurement and recorded in this report.
3. For Canada the EUT Frequency Range 5600~5720MHz will be disabled.

### 3.2 THE WORST MODE OF MEASUREMENT

| Radiated Emission Measurement Above 1G |                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Condition                         | Radiated Emission Above 1G                                                                                                                                                                                                                                                                    |
| Power supply Mode                      | Mode 1: EUT power by Power supply                                                                                                                                                                                                                                                             |
| Worst Mode                             | <input checked="" type="checkbox"/> Mode 1 <input type="checkbox"/> Mode 2 <input type="checkbox"/> Mode 3 <input type="checkbox"/> Mode 4                                                                                                                                                    |
| Worst Position                         | <input type="checkbox"/> Placed in fixed position.<br><input checked="" type="checkbox"/> Placed in fixed position at X-Plane (E2-Plane)<br><input type="checkbox"/> Placed in fixed position at Y-Plane (E1-Plane)<br><input type="checkbox"/> Placed in fixed position at Z-Plane (H-Plane) |

| Radiated Emission Measurement Below 1G |                                                                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Test Condition                         | Radiated Emission Below 1G                                                                                                                 |
| Power supply Mode                      | Mode 1: EUT power by Power supply                                                                                                          |
| Worst Mode                             | <input checked="" type="checkbox"/> Mode 1 <input type="checkbox"/> Mode 2 <input type="checkbox"/> Mode 3 <input type="checkbox"/> Mode 4 |

*Remark:*

1. The worst mode was record in this test report.
2. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(X-Plane) were recorded in this report

## 4. TEST RESULT

### 4.1 RADIATION Bandedge and Spurious Emission

#### 4.1.1 Test Limit

According to §15.407, §15.209 and §15.205,

According to RSS-247 section 6.2.1.2 and section 6.2.4.2

#### Below 30 MHz

| Frequency     | Field Strength<br>(microvolts/m) | Magnetic<br>H-Field<br>(microamperes/m) | Measurement<br>Distance<br>(metres) |
|---------------|----------------------------------|-----------------------------------------|-------------------------------------|
| 9-490 kHz     | 2,400/F (F in kHz)               | 2,400/F (F in kHz)                      | 300                                 |
| 490-1,705 kHz | 24,000/F (F in kHz)              | 24,000/F (F in kHz)                     | 30                                  |
| 1.705-30 MHz  | 30                               | N/A                                     | 30                                  |

#### Above 30 MHz

| Frequency<br>(MHz) | Field Strength<br>microvolts/m at 3 metres (watts, e.i.r.p.) |              |
|--------------------|--------------------------------------------------------------|--------------|
|                    | Transmitters                                                 | Receivers    |
| 30-88              | 100 (3 nW)                                                   | 100 (3 nW)   |
| 88-216             | 150 (6.8 nW)                                                 | 150 (6.8 nW) |
| 216-960            | 200 (12 nW)                                                  | 200 (12 nW)  |
| Above 960          | 500 (75 nW)                                                  | 500 (75 nW)  |

#### RSS-Gen Table 3 and Table 5 – General Field Strength Limits for Transmitters and Receivers at Frequencies Above 30 MHz <sup>(Note)</sup>

| Frequency<br>(MHz) | Field Strength<br>microvolts/m at 3 metres (watts, e.i.r.p.) |              |
|--------------------|--------------------------------------------------------------|--------------|
|                    | Transmitters                                                 | Receivers    |
| 30-88              | 100 (3 nW)                                                   | 100 (3 nW)   |
| 88-216             | 150 (6.8 nW)                                                 | 150 (6.8 nW) |
| 216-960            | 200 (12 nW)                                                  | 200 (12 nW)  |
| Above 960          | 500 (75 nW)                                                  | 500 (75 nW)  |

**Note:** Measurements for compliance with the limits in table 3 may be performed at distances other than 3 metres, in accordance with Section 6.6.

**RSS-Gen Table 6: General Field Strength Limits for Transmitters at Frequencies Below 30 MHz (Transmit)**

| Frequency                 | Magnetic field strength (H-Field) ( $\mu\text{A/m}$ ) | Measurement Distance (m) |
|---------------------------|-------------------------------------------------------|--------------------------|
| 9-490 kHz <sup>Note</sup> | 6.37/F (F in kHz)                                     | 300                      |
| 490-1,705 kHz             | 63.7/F (F in kHz)                                     | 30                       |
| 1.705-30 MHz              | 0.08                                                  | 30                       |

**Note:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector..

**UNII-1 :**

For transmitters operating in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. However, any unwanted emissions that fall into the band 5250-5350 MHz must be 26 dBc, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth, above 5.25 GHz. Otherwise, the transmission is considered as intentional and the devices shall implement dynamic frequency selection (DFS) and transmitter power control (TPC) as per the requirements for the band 5250-5350 MHz

**UNII-2a and 2c :**

For devices with operating frequencies in the band 5250-5350 MHz but having a channel bandwidth that overlaps the band 5150-5250 MHz, the devices' unwanted emission shall not exceed -27 dBm/MHz e.i.r.p. outside the band 5150-5350 MHz and its power shall comply with the spectral power density for operation within the band 5150-5250 MHz. The device shall be labelled "for indoor use only." Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

**UNII-3:**

For the band 5725-5850 MHz, emissions at frequencies from the band edges to 10 MHz above or below the band edges shall not exceed -17 dBm/MHz e.i.r.p.  
For emissions at frequencies more than 10 MHz above or below the band edges, the emissions power shall not exceed -27 dBm/MHz

## 4.1.2 Test Procedure

Test method Refer as KDB 789033 D02.

1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10: 2013, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.
3. Span shall wide enough to full capture the emission measured. The SA from 9kHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.
4. No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz)
5. The SA setting following :
  - (1) Below 1G : RBW = 100kHz, VBW  $\geq 3 \times$  RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
  - (2) Above 1G :
    - (2.1) For Peak measurement : RBW = 1MHz, VBW  $\geq 3$  RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
    - (2.2) For Average measurement : RBW = 1MHz, VBW
      - \*If Duty Cycle  $\geq 98\%$ , VBW=10Hz.
      - \*If Duty Cycle  $< 98\%$ , VBW=1/T.

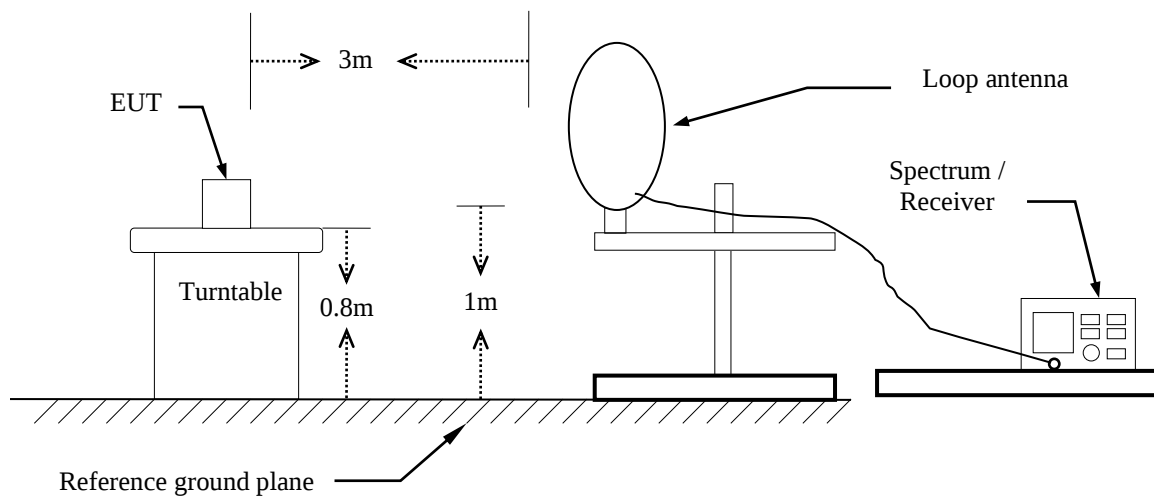
## 6. Data result :

Actual FS=Spectrum Reading Level + Factor

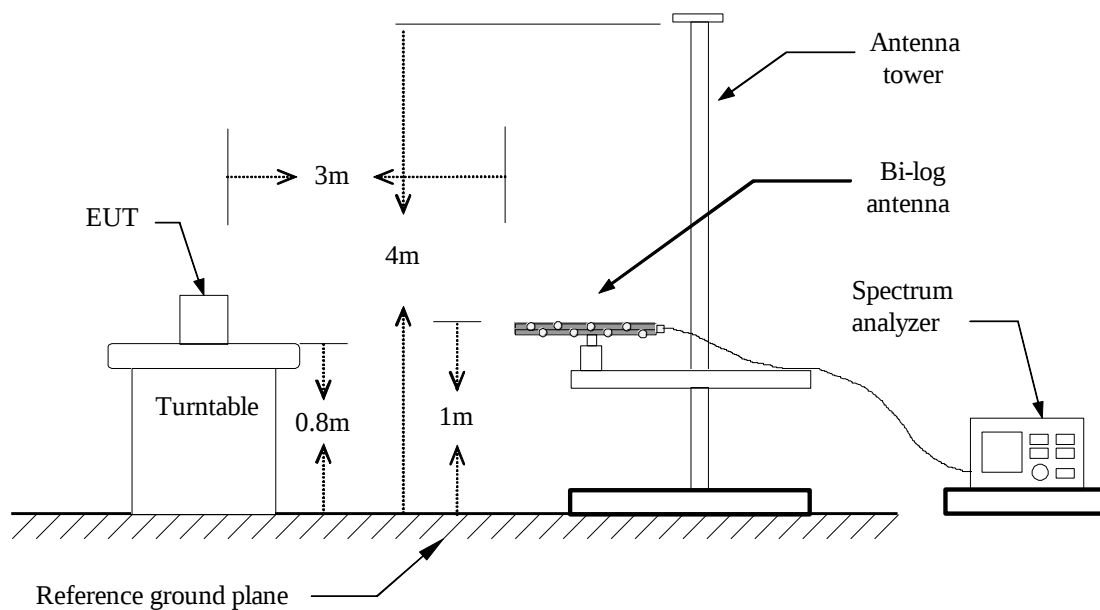
Margin=Actual FS- Limit

## 4.1.3 Test Setup

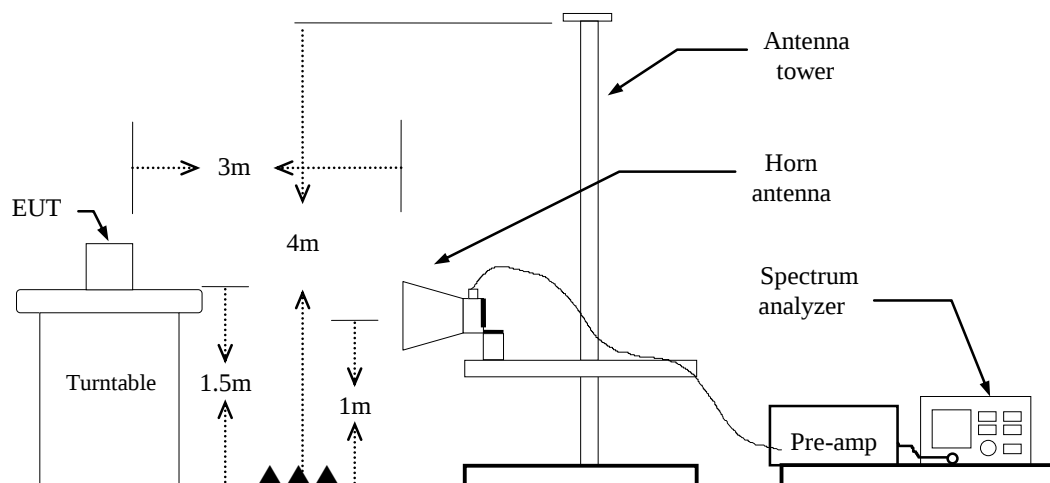
### 9kHz ~ 30MHz



### 30MHz ~ 1GHz



## Above 1 GHz

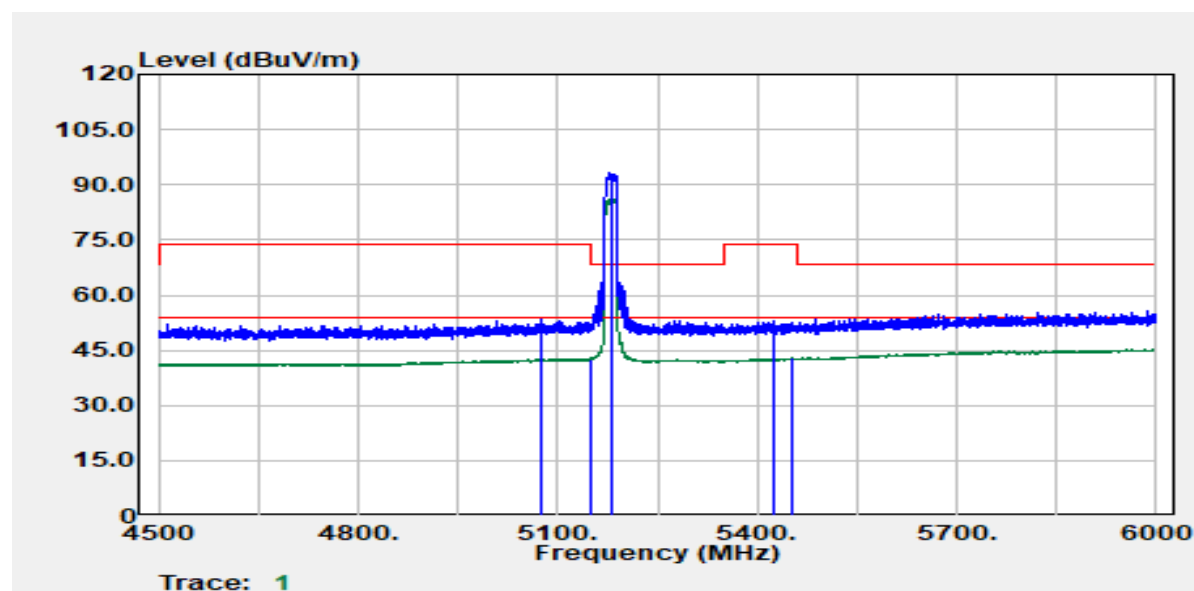


## 4.1.4 Test Result

### Band Edge Test Data

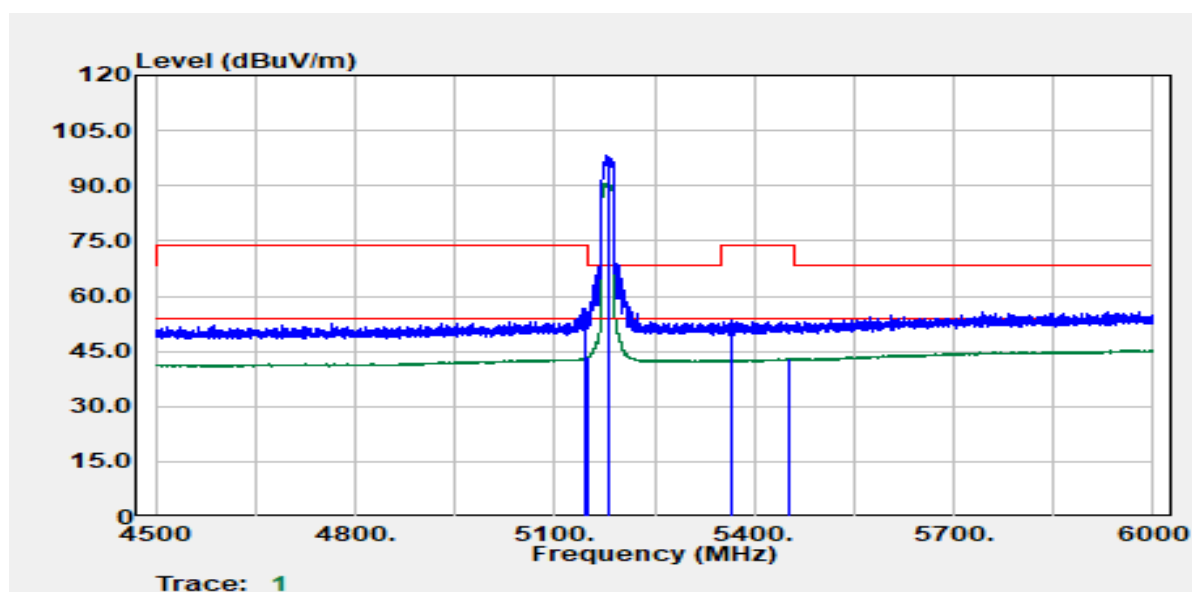
#### Test Data for UNII-1

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5180MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge              | Test Date     | November 1, 2022 |
| Polarize  | Vertical               | Test Engineer | Ray Li           |
| Detector  | Peak / Average         |               |                  |



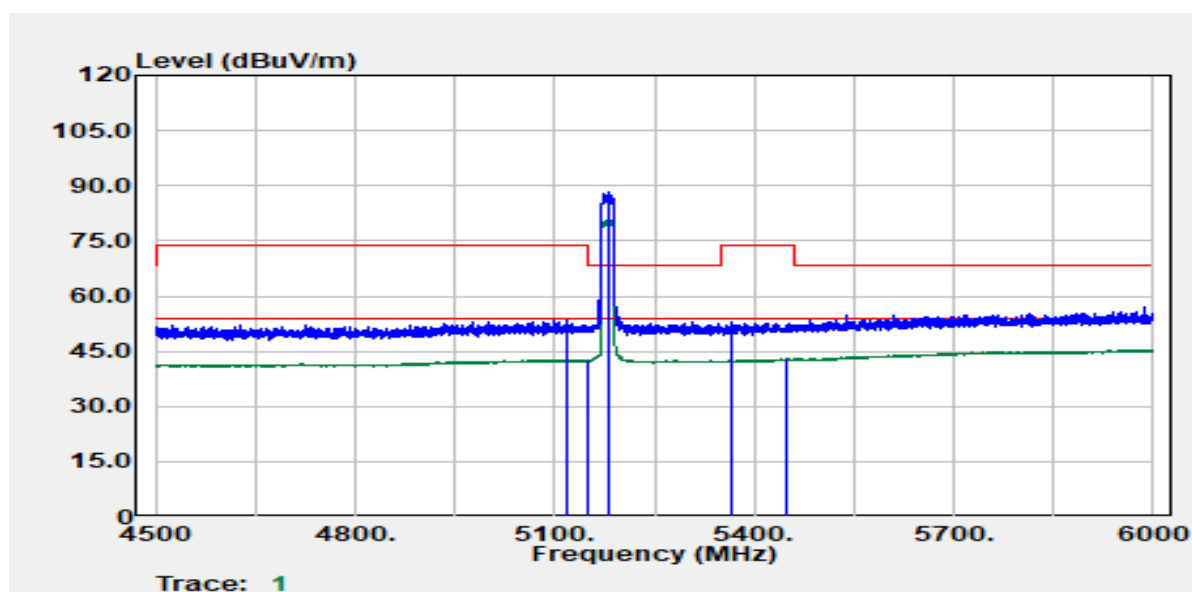
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5074.80         | Peak                   | 36.78                       | 16.74     | 53.52            | 74.00            | -20.48    |
| 5149.20         | Average                | 25.69                       | 16.91     | 42.60            | 54.00            | -11.40    |
| 5180.00         | Peak                   | 76.35                       | 17.00     | 93.35            | --               | --        |
| 5180.00         | Average                | 69.28                       | 17.00     | 86.28            | --               | --        |
| 5423.40         | Peak                   | 35.62                       | 17.40     | 53.03            | 74.00            | -20.97    |
| 5451.00         | Average                | 25.35                       | 17.49     | 42.84            | 54.00            | -11.16    |

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5180MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge              | Test Date     | October 26, 2022 |
| Polarize  | Horizontal             | Test Engineer | Ray Li           |
| Detector  | Peak / Average         |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5147.10         | Peak                   | 39.62                       | 16.91     | 56.53            | 74.00            | -17.47    |
| 5149.80         | Average                | 26.60                       | 16.91     | 43.51            | 54.00            | -10.49    |
| 5180.00         | Peak                   | 81.12                       | 17.00     | 98.12            | --               | --        |
| 5180.00         | Average                | 73.49                       | 17.00     | 90.49            | --               | --        |
| 5365.20         | Peak                   | 36.27                       | 17.26     | 53.53            | 74.00            | -20.47    |
| 5451.60         | Average                | 25.43                       | 17.49     | 42.92            | 54.00            | -11.08    |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5180MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



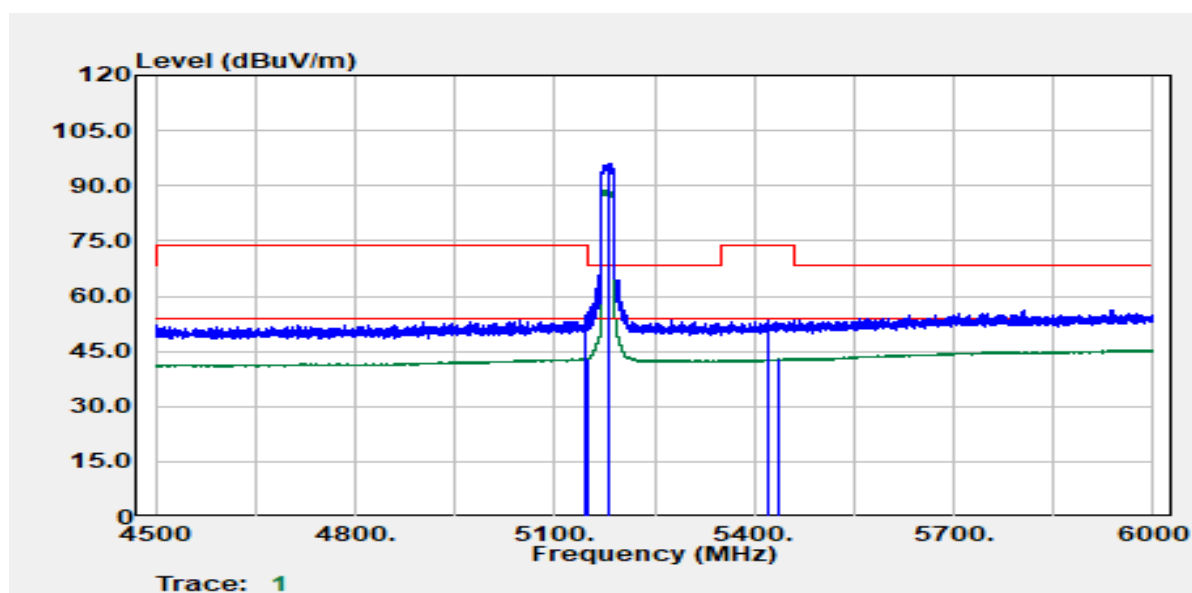
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5118.00         | Peak                   | 36.48                       | 16.89     | 53.37            | 74.00            | -20.63    |
| 5149.80         | Average                | 25.72                       | 16.91     | 42.63            | 54.00            | -11.37    |
| 5180.00         | Peak                   | 71.49                       | 17.00     | 88.49            | --               | --        |
| 5180.00         | Average                | 63.70                       | 17.00     | 80.70            | --               | --        |
| 5366.70         | Peak                   | 35.56                       | 17.26     | 52.83            | 74.00            | -21.17    |
| 5449.20         | Average                | 25.35                       | 17.49     | 42.84            | 54.00            | -11.16    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

Rev.: 02

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5180MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



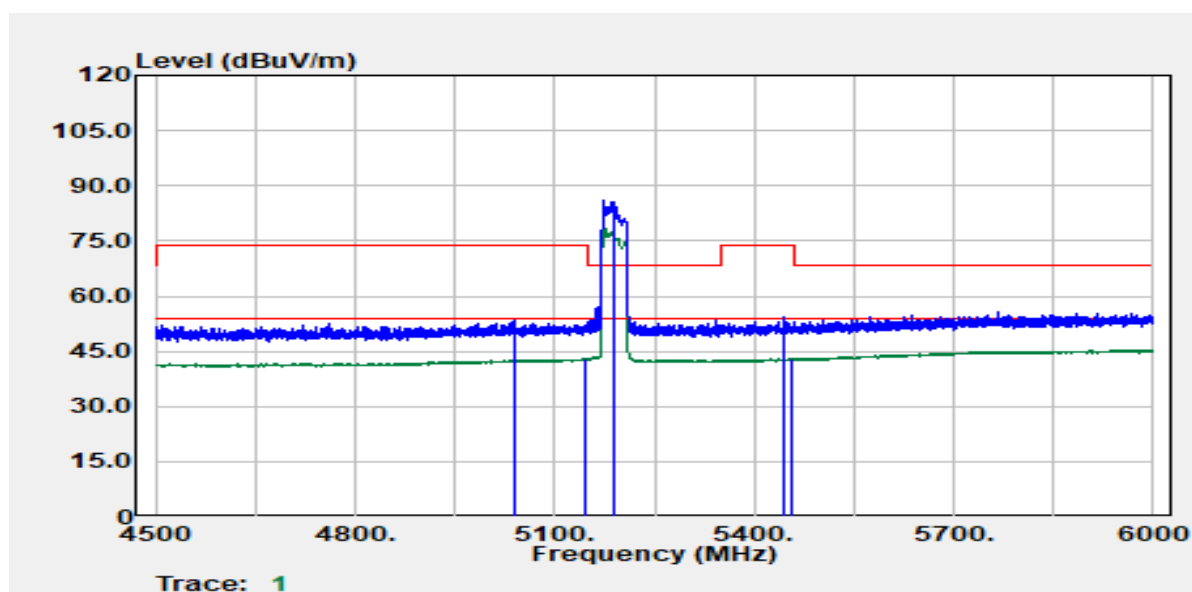
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5144.40         | Peak                   | 37.81                       | 16.91     | 54.72            | 74.00            | -19.28    |
| 5149.80         | Average                | 26.20                       | 16.91     | 43.11            | 54.00            | -10.89    |
| 5180.00         | Peak                   | 79.18                       | 17.00     | 96.18            | -                | -         |
| 5180.00         | Average                | 71.78                       | 17.00     | 88.78            | -                | -         |
| 5419.50         | Peak                   | 35.94                       | 17.39     | 53.34            | 74.00            | -20.66    |
| 5438.10         | Average                | 25.46                       | 17.45     | 42.92            | 54.00            | -11.08    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

Rev.: 02

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5190MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                     | Test Date     | November 1, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



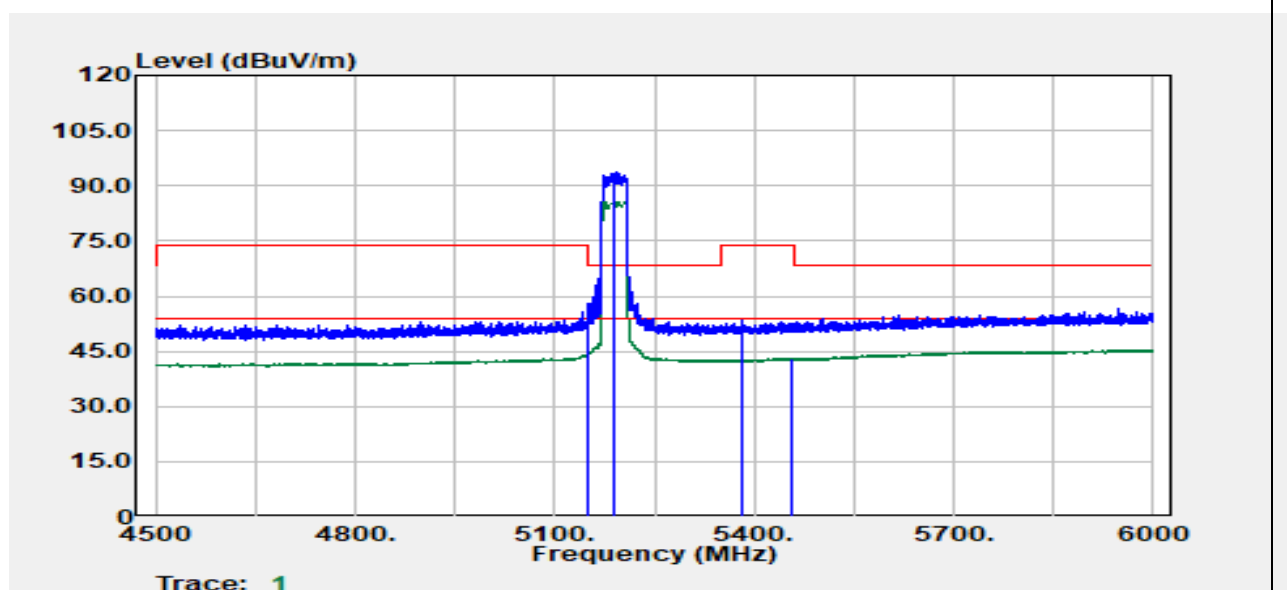
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBUV | Factor dB | Actual FS dBUV/m | Limit @3m dBUV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5040.90         | Peak                   | 36.99                       | 16.53     | 53.52            | 74.00            | -20.48    |
| 5145.00         | Average                | 26.10                       | 16.91     | 43.01            | 54.00            | -10.99    |
| 5190.00         | Peak                   | 68.81                       | 17.03     | 85.84            | --               | --        |
| 5190.00         | Average                | 61.50                       | 17.03     | 78.53            | --               | --        |
| 5444.10         | Peak                   | 36.74                       | 17.47     | 54.21            | 74.00            | -19.79    |
| 5454.60         | Average                | 25.65                       | 17.49     | 43.14            | 54.00            | -10.86    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

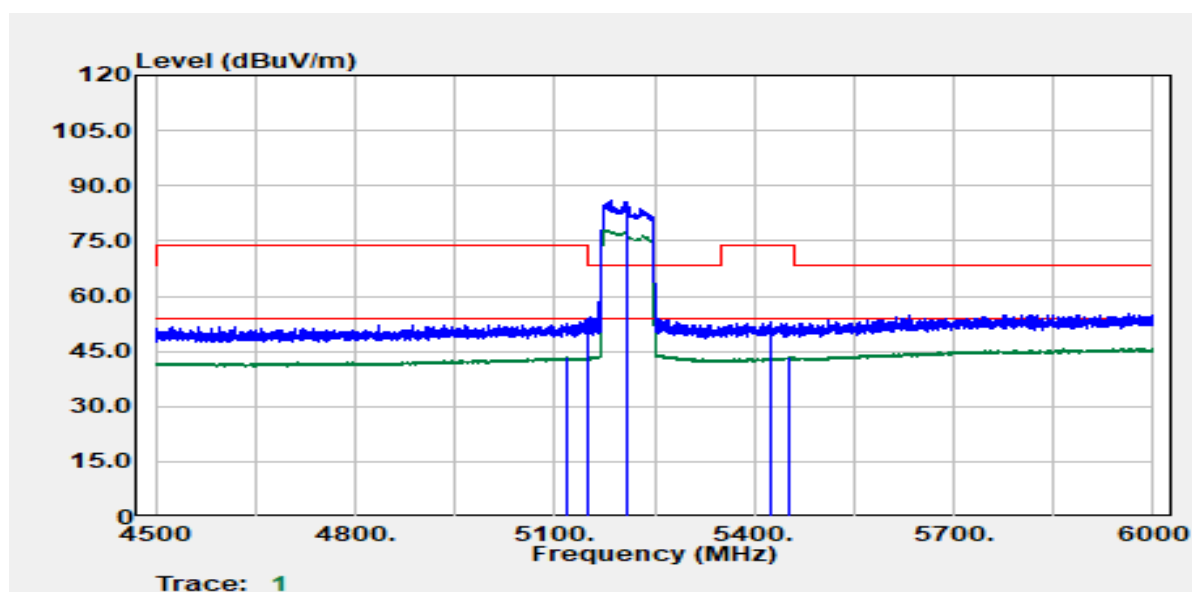
Rev.: 02

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5190MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5148.00         | Average                | 27.36                       | 16.91     | 44.27            | 54.00            | -9.73     |
| 5148.90         | Peak                   | 41.07                       | 16.91     | 57.98            | 74.00            | -16.02    |
| 5190.00         | Peak                   | 76.67                       | 17.03     | 93.70            | --               | --        |
| 5190.00         | Average                | 68.80                       | 17.03     | 85.83            | --               | --        |
| 5382.90         | Peak                   | 36.13                       | 17.30     | 53.42            | 74.00            | -20.58    |
| 5457.90         | Average                | 25.52                       | 17.48     | 43.00            | 54.00            | -11.00    |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5210MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



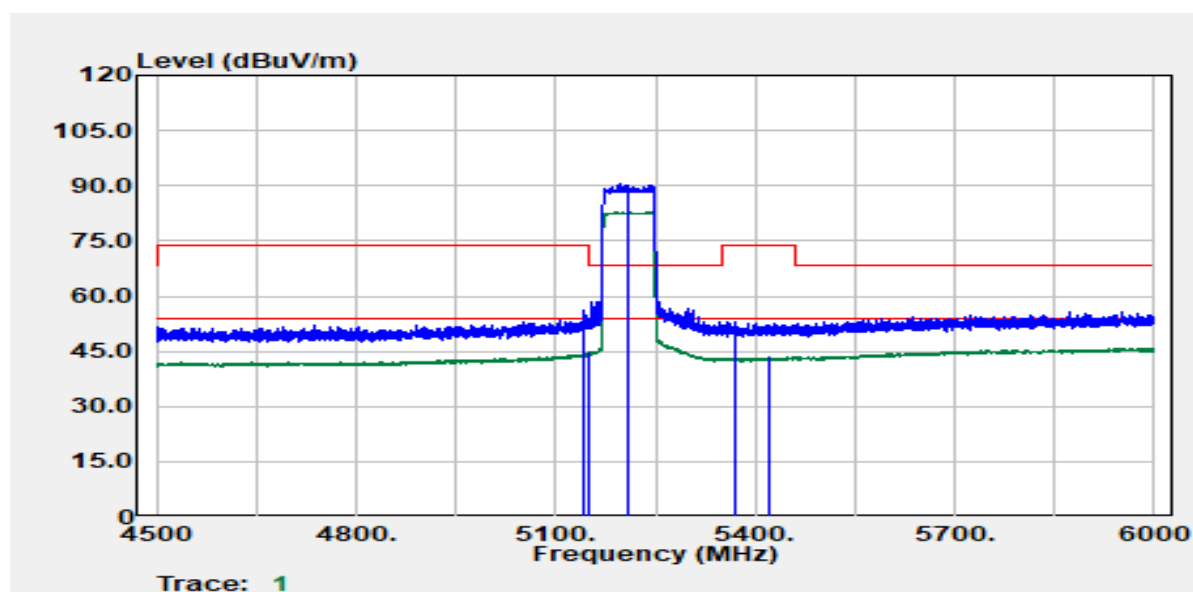
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5117.70         | Average                | 26.39                       | 16.89     | 43.28            | 54.00            | -10.72    |
| 5149.50         | Peak                   | 36.85                       | 16.91     | 53.76            | 74.00            | -20.24    |
| 5210.00         | Peak                   | 68.81                       | 17.07     | 85.88            | --               | --        |
| 5210.00         | Average                | 60.81                       | 17.07     | 77.87            | --               | --        |
| 5426.40         | Peak                   | 35.49                       | 17.41     | 52.91            | 74.00            | -21.09    |
| 5452.50         | Average                | 25.91                       | 17.49     | 43.40            | 54.00            | -10.60    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

Rev.: 02

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | I EEE 802.11ac VHT80 / 5210MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak / Average                 |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5141.40         | Peak                   | 39.14                       | 16.90     | 56.05            | 74.00            | -17.95    |
| 5148.90         | Average                | 27.86                       | 16.91     | 44.77            | 54.00            | -9.23     |
| 5210.00         | Peak                   | 73.71                       | 17.07     | 90.78            | --               | --        |
| 5210.00         | Average                | 65.68                       | 17.07     | 82.74            | --               | --        |
| 5369.70         | Peak                   | 35.64                       | 17.27     | 52.91            | 74.00            | -21.09    |
| 5421.60         | Average                | 26.11                       | 17.40     | 43.50            | 54.00            | -10.50    |

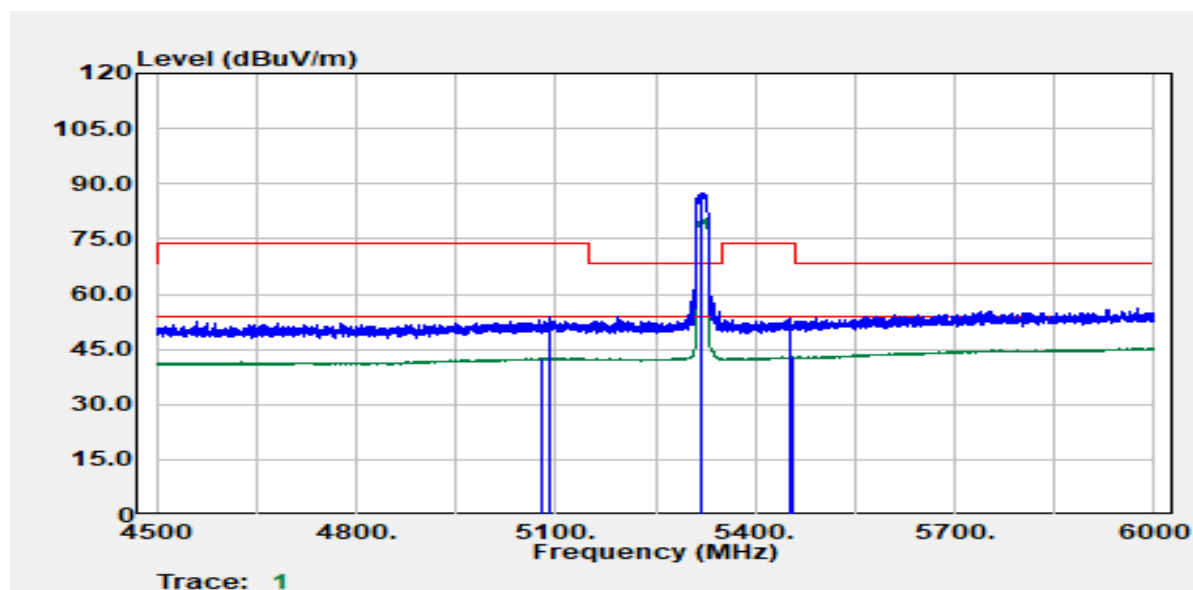
Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

Rev.: 02

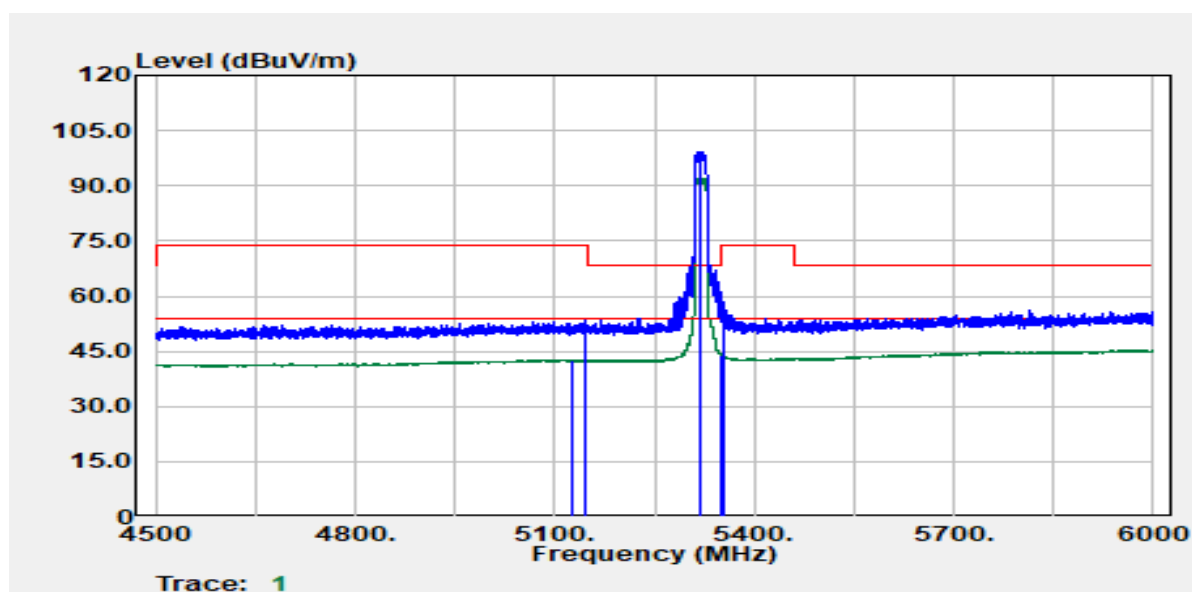
## Test Data for UNII-2a

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge               | Test Date     | November 1, 2022 |
| Polarize  | Vertical                | Test Engineer | Ray Li           |
| Detector  | Peak / Average          |               |                  |



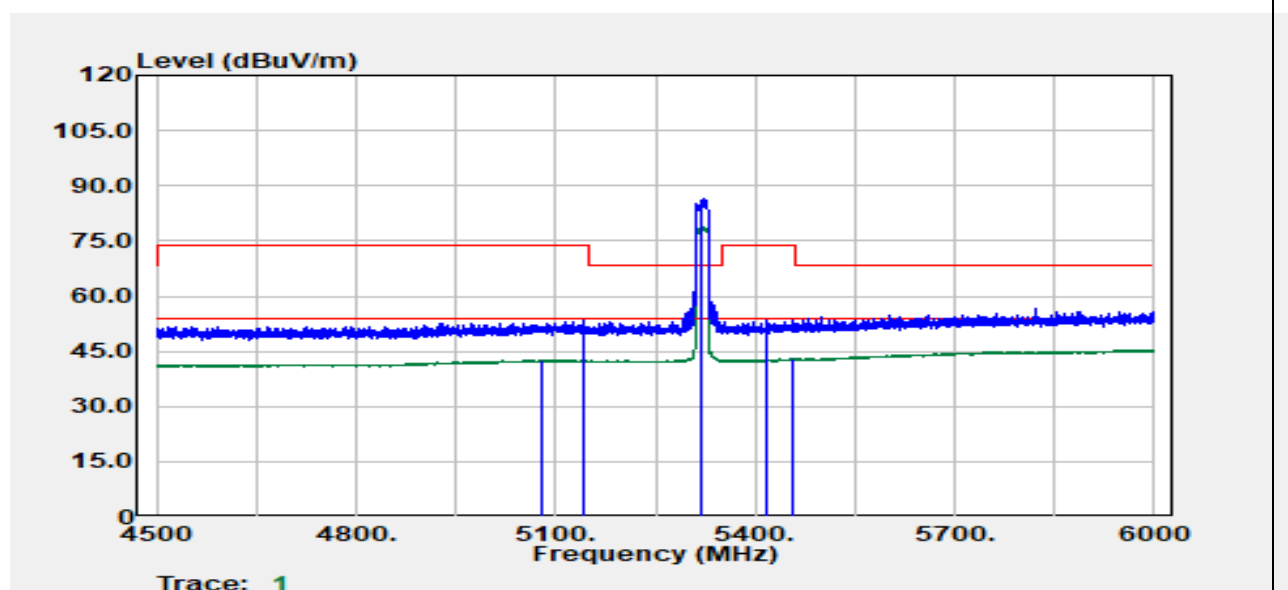
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5080.50         | Average                | 25.79                       | 16.77     | 42.56            | 54.00            | -11.44    |
| 5089.80         | Peak                   | 36.89                       | 16.82     | 53.72            | 74.00            | -20.28    |
| 5320.00         | Peak                   | 70.25                       | 17.27     | 87.52            | --               | --        |
| 5320.00         | Average                | 63.47                       | 17.27     | 80.74            | --               | --        |
| 5450.70         | Peak                   | 36.07                       | 17.49     | 53.56            | 74.00            | -20.44    |
| 5457.30         | Average                | 25.35                       | 17.48     | 42.83            | 54.00            | -11.17    |

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge               | Test Date     | October 26, 2022 |
| Polarize  | Horizontal              | Test Engineer | Ray Li           |
| Detector  | Peak / Average          |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level d $\mu$ V | Factor dB | Actual FS d $\mu$ V/m | Limit @3m d $\mu$ V/m | Margin dB |
|-----------------|------------------------|----------------------------------|-----------|-----------------------|-----------------------|-----------|
| 5125.50         | Average                | 25.72                            | 16.90     | 42.62                 | 54.00                 | -11.38    |
| 5144.10         | Peak                   | 36.56                            | 16.91     | 53.47                 | 74.00                 | -20.53    |
| 5320.00         | Peak                   | 81.79                            | 17.27     | 99.05                 | --                    | --        |
| 5320.00         | Average                | 74.84                            | 17.27     | 92.11                 | --                    | --        |
| 5350.20         | Average                | 26.72                            | 17.23     | 43.95                 | 54.00                 | -10.05    |
| 5355.30         | Peak                   | 41.29                            | 17.24     | 58.53                 | 74.00                 | -15.47    |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5320MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



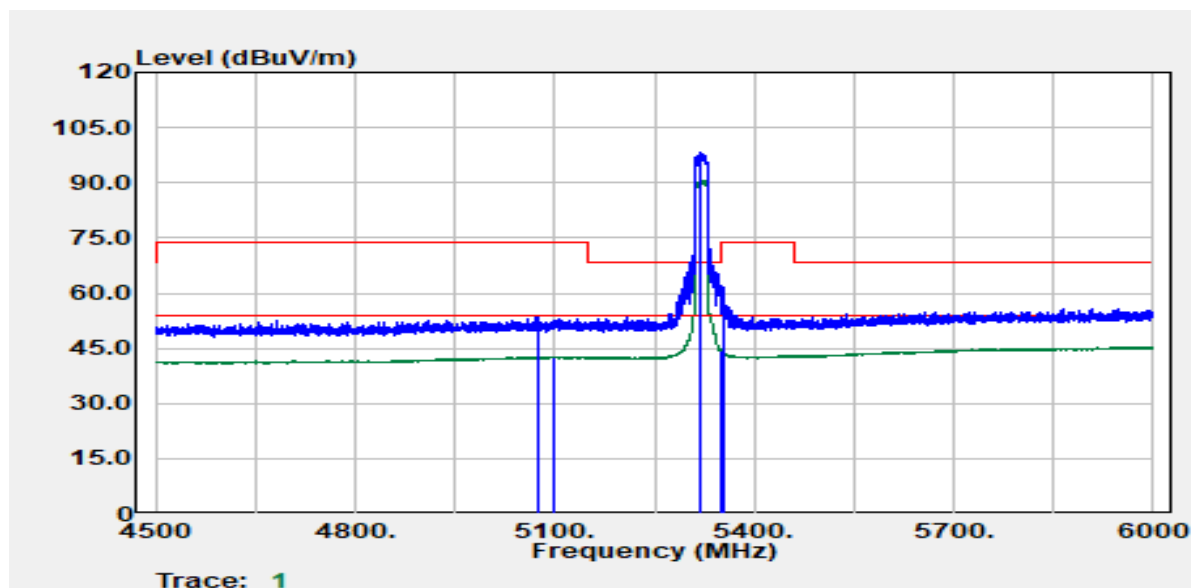
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level d $\mu$ V | Factor dB | Actual FS d $\mu$ V/m | Limit @3m d $\mu$ V/m | Margin dB |
|-----------------|------------------------|----------------------------------|-----------|-----------------------|-----------------------|-----------|
| 5079.00         | Average                | 25.81                            | 16.76     | 42.57                 | 54.00                 | -11.43    |
| 5140.80         | Peak                   | 36.39                            | 16.90     | 53.30                 | 74.00                 | -20.70    |
| 5320.00         | Peak                   | 69.13                            | 17.27     | 86.39                 | --                    | --        |
| 5320.00         | Average                | 61.46                            | 17.27     | 78.72                 | --                    | --        |
| 5415.90         | Peak                   | 36.03                            | 17.38     | 53.41                 | 74.00                 | -20.59    |
| 5457.30         | Average                | 25.37                            | 17.48     | 42.85                 | 54.00                 | -11.15    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

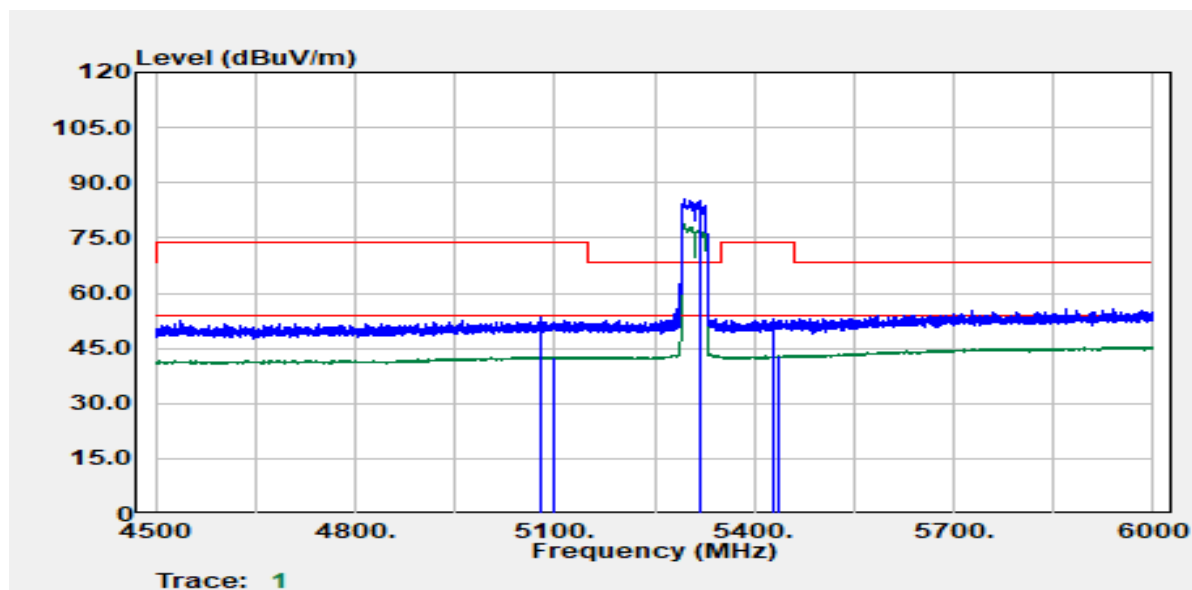
Rev.: 02

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5320MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



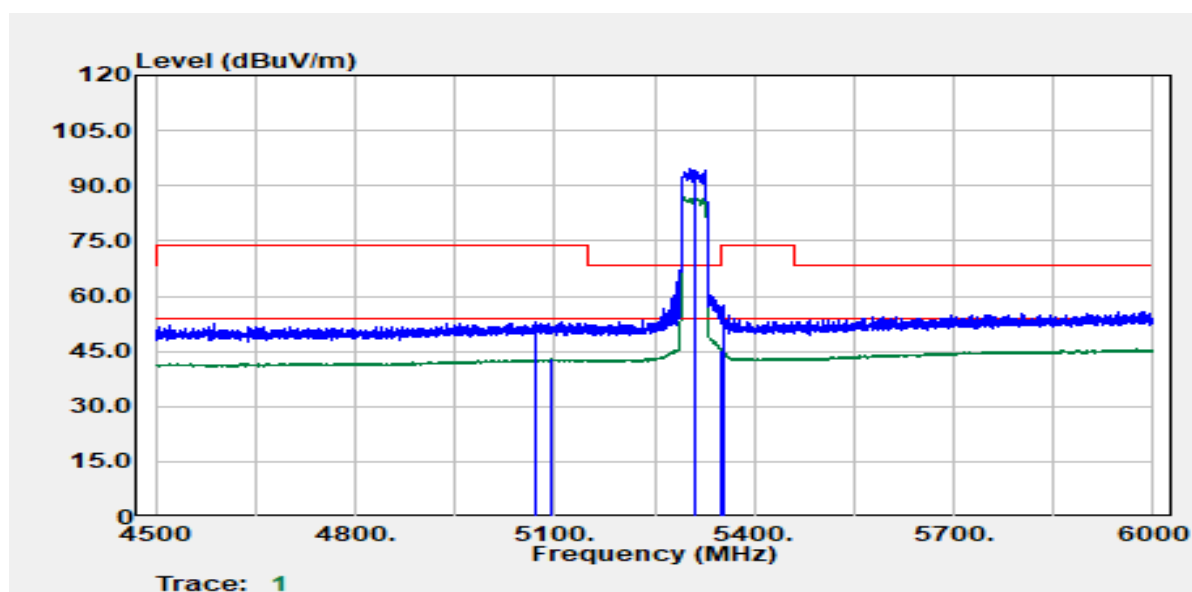
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5073.60         | Peak                   | 36.57                       | 16.73     | 53.30            | 74.00            | -20.70    |
| 5097.60         | Average                | 25.82                       | 16.87     | 42.69            | 54.00            | -11.31    |
| 5320.00         | Peak                   | 80.84                       | 17.27     | 98.11            | --               | --        |
| 5320.00         | Average                | 73.49                       | 17.27     | 90.76            | --               | --        |
| 5351.40         | Average                | 27.02                       | 17.23     | 44.25            | 54.00            | -9.75     |
| 5354.70         | Peak                   | 44.54                       | 17.24     | 61.78            | 74.00            | -12.22    |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5310MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                     | Test Date     | November 1, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



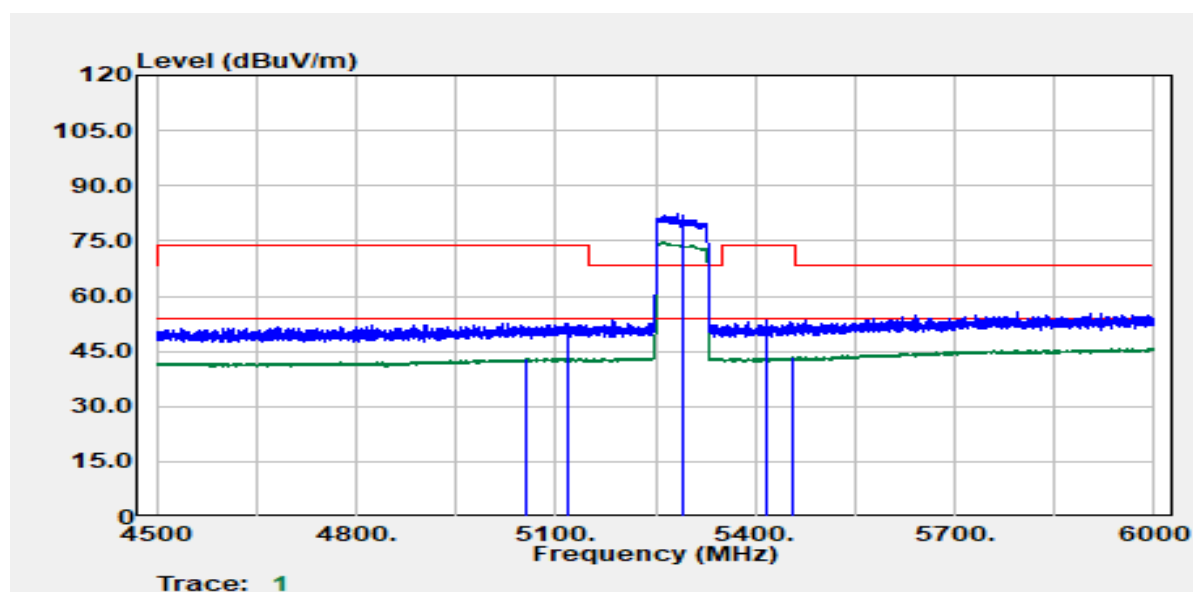
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5080.20         | Peak                   | 36.53                       | 16.77     | 53.30            | 74.00            | -20.70    |
| 5097.00         | Average                | 25.87                       | 16.86     | 42.73            | 54.00            | -11.27    |
| 5320.00         | Peak                   | 68.31                       | 17.27     | 85.57            | --               | --        |
| 5320.00         | Average                | 61.31                       | 17.27     | 78.57            | --               | --        |
| 5429.10         | Peak                   | 35.71                       | 17.42     | 53.13            | 74.00            | -20.87    |
| 5435.40         | Average                | 25.56                       | 17.44     | 43.00            | 54.00            | -11.00    |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5310MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



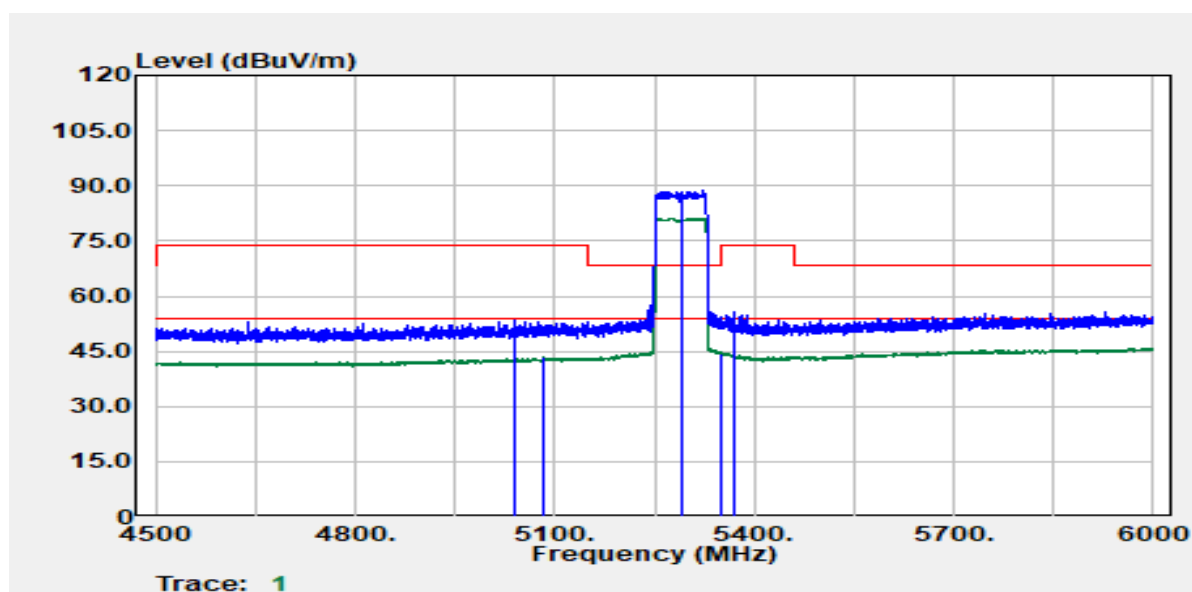
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5072.10         | Peak                   | 36.27                       | 16.72     | 52.99            | 74.00            | -21.01    |
| 5094.60         | Average                | 25.97                       | 16.85     | 42.82            | 54.00            | -11.18    |
| 5310.00         | Peak                   | 77.46                       | 17.28     | 94.73            | --               | --        |
| 5310.00         | Average                | 69.62                       | 17.28     | 86.90            | --               | --        |
| 5350.20         | Average                | 28.12                       | 17.23     | 45.35            | 54.00            | -8.65     |
| 5355.30         | Peak                   | 40.27                       | 17.24     | 57.51            | 74.00            | -16.49    |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5290MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 27, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5054.40         | Average                | 26.48                       | 16.62     | 43.10            | 54.00            | -10.90    |
| 5116.50         | Peak                   | 35.66                       | 16.89     | 52.55            | 74.00            | -21.45    |
| 5290.00         | Peak                   | 65.04                       | 17.25     | 82.29            | --               | --        |
| 5290.00         | Average                | 57.41                       | 17.25     | 74.66            | --               | --        |
| 5415.90         | Peak                   | 35.86                       | 17.38     | 53.24            | 74.00            | -20.76    |
| 5454.60         | Average                | 25.85                       | 17.49     | 43.34            | 54.00            | -10.66    |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5290MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5041.50         | Peak                   | 36.83                       | 16.54     | 53.37            | 74.00            | -20.63    |
| 5084.70         | Average                | 26.65                       | 16.79     | 43.45            | 54.00            | -10.55    |
| 5290.00         | Peak                   | 71.44                       | 17.25     | 88.70            | --               | --        |
| 5290.00         | Average                | 63.94                       | 17.25     | 81.19            | --               | --        |
| 5350.50         | Average                | 27.34                       | 17.23     | 44.57            | 54.00            | -9.43     |
| 5368.20         | Peak                   | 38.33                       | 17.27     | 55.59            | 74.00            | -18.41    |

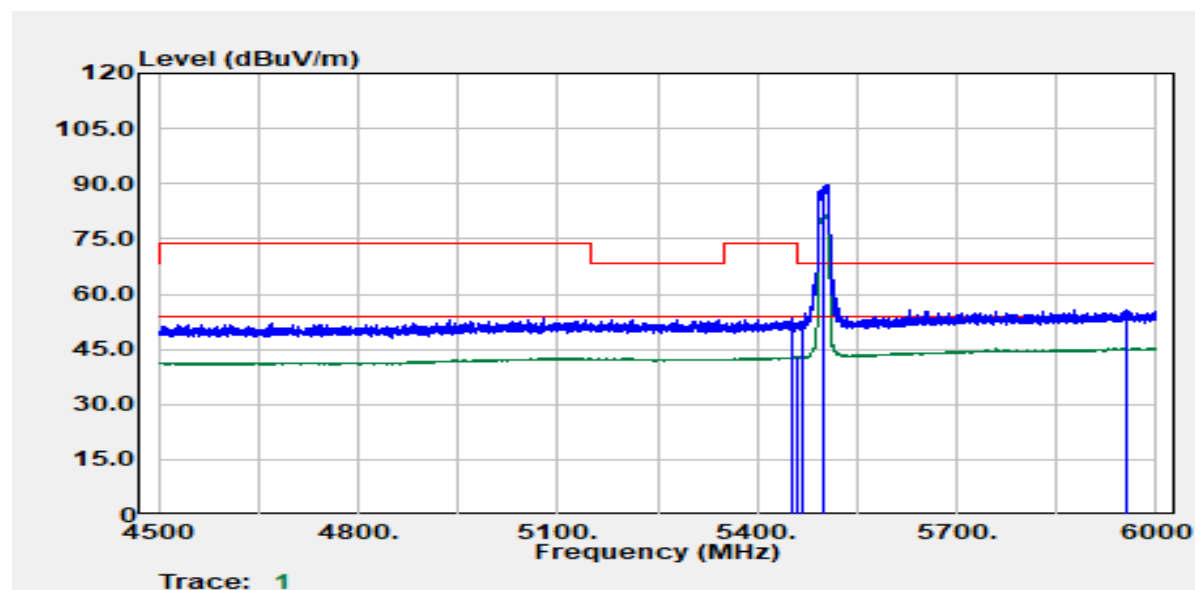
Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

Rev.: 02

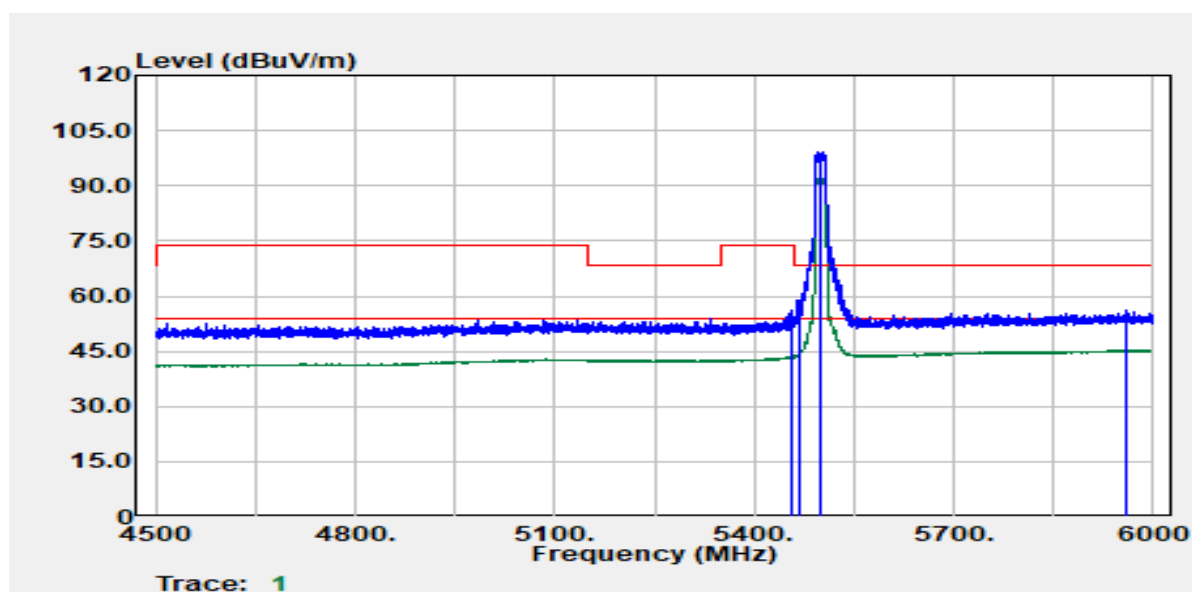
## Test Data for UNII-2c

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5500MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge              | Test Date     | October 26, 2022 |
| Polarize  | Vertical               | Test Engineer | Ray Li           |
| Detector  | Peak / Average         |               |                  |



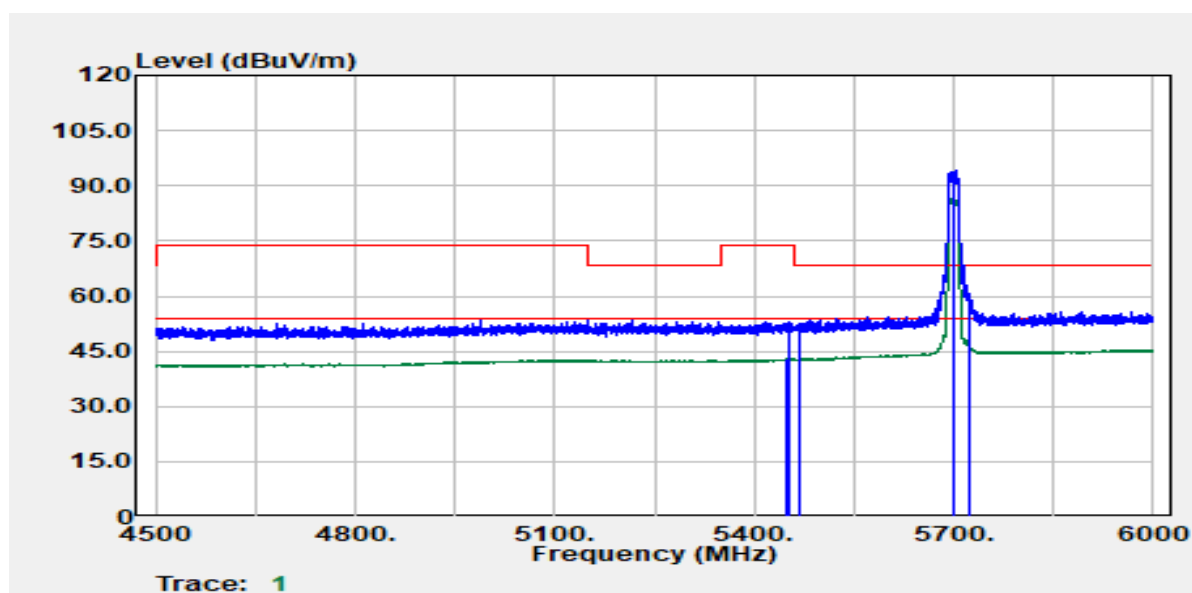
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5451.90         | Peak                   | 36.04                       | 17.49     | 53.53            | 74.00            | -20.47    |
| 5459.40         | Average                | 25.36                       | 17.48     | 42.84            | 54.00            | -11.16    |
| 5469.60         | Peak                   | 35.13                       | 17.47     | 52.60            | 68.20            | -15.60    |
| 5500.00         | Peak                   | 72.12                       | 17.45     | 89.57            | --               | --        |
| 5500.00         | Average                | 65.02                       | 17.45     | 82.47            | --               | --        |
| 5956.20         | Peak                   | 36.50                       | 19.03     | 55.53            | 68.20            | -12.67    |

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5500MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge              | Test Date     | October 26, 2022 |
| Polarize  | Horizontal             | Test Engineer | Ray Li           |
| Detector  | Peak / Average         |               |                  |



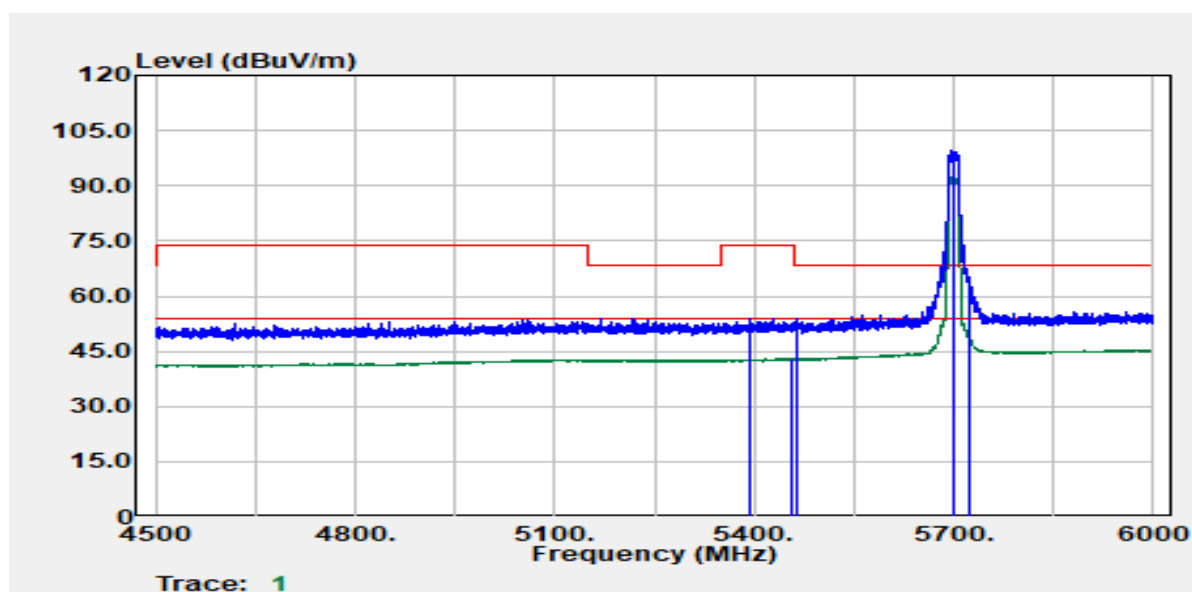
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5457.60         | Average                | 25.98                       | 17.48     | 43.46            | 54.00            | -10.54    |
| 5457.90         | Peak                   | 38.63                       | 17.48     | 56.11            | 74.00            | -17.89    |
| 5467.50         | Peak                   | 41.41                       | 17.48     | 58.89            | 68.20            | -9.31     |
| 5500.00         | Peak                   | 81.94                       | 17.45     | 99.39            | --               | --        |
| 5500.00         | Average                | 74.53                       | 17.45     | 91.98            | --               | --        |
| 5958.30         | Peak                   | 36.96                       | 19.03     | 55.99            | 68.20            | -12.21    |

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge               | Test Date     | October 26, 2022 |
| Polarize  | Vertical                | Test Engineer | Ray Li           |
| Detector  | Peak                    |               |                  |



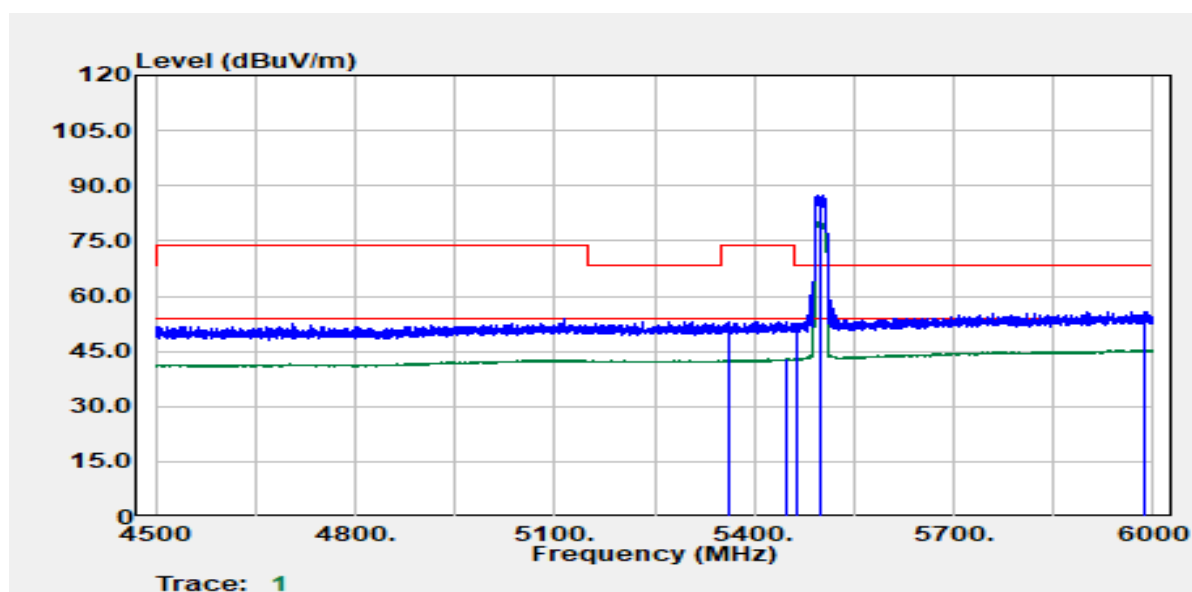
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5449.80         | Average                | 25.45                       | 17.49     | 42.94            | 54.00            | -11.06    |
| 5453.40         | Peak                   | 35.53                       | 17.49     | 53.02            | 74.00            | -20.98    |
| 5469.60         | Peak                   | 34.99                       | 17.47     | 52.46            | 68.20            | -15.74    |
| 5700.00         | Peak                   | 75.66                       | 18.51     | 94.17            | -                | -         |
| 5700.00         | Average                | 67.98                       | 18.51     | 86.49            | -                | -         |
| 5725.20         | Peak                   | 40.20                       | 18.71     | 58.91            | 68.20            | -9.29     |

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge               | Test Date     | October 26, 2022 |
| Polarize  | Horizontal              | Test Engineer | Ray Li           |
| Detector  | Peak                    |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5395.20         | Peak                   | 36.62                       | 17.32     | 53.94            | 74.00            | -20.06    |
| 5455.80         | Average                | 25.53                       | 17.49     | 43.02            | 54.00            | -10.98    |
| 5465.10         | Peak                   | 36.24                       | 17.48     | 53.72            | 68.20            | -14.48    |
| 5700.00         | Peak                   | 81.18                       | 18.51     | 99.69            | --               | --        |
| 5700.00         | Average                | 73.71                       | 18.51     | 92.22            | --               | --        |
| 5725.20         | Peak                   | 44.80                       | 18.71     | 63.52            | 68.20            | -4.68     |

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5500MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                     | Test Date     | November 1, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



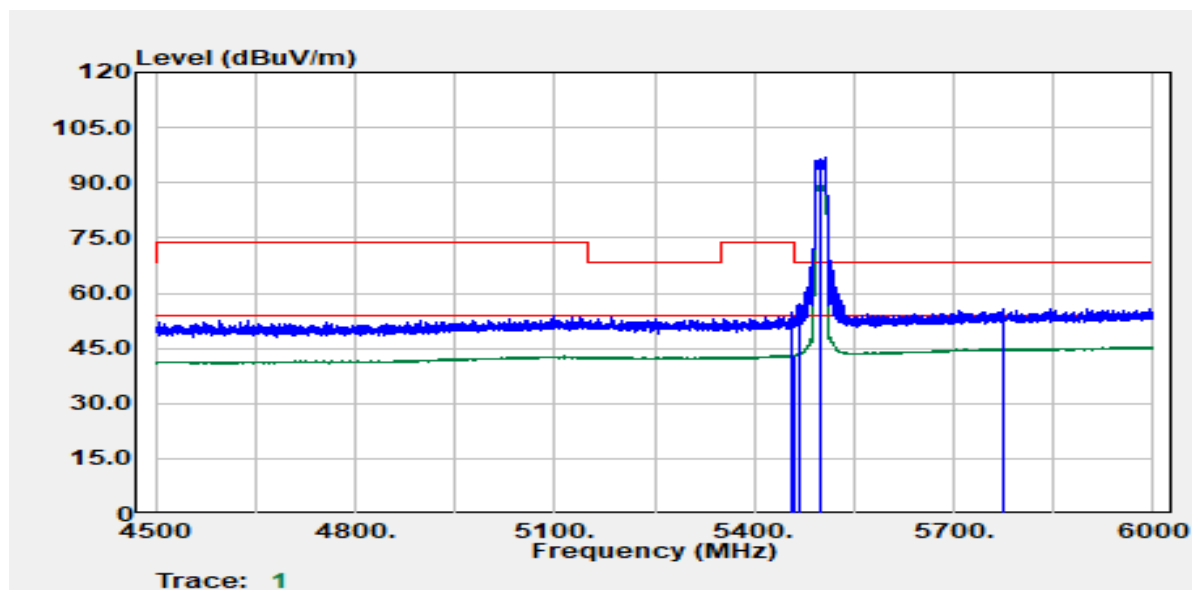
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5362.80         | Peak                   | 35.91                       | 17.26     | 53.16            | 74.00            | -20.84    |
| 5450.10         | Average                | 25.36                       | 17.49     | 42.85            | 54.00            | -11.15    |
| 5464.20         | Peak                   | 35.12                       | 17.48     | 52.59            | 68.20            | -15.61    |
| 5500.00         | Peak                   | 70.07                       | 17.45     | 87.52            | --               | --        |
| 5500.00         | Average                | 62.99                       | 17.45     | 80.44            | --               | --        |
| 5987.40         | Peak                   | 36.82                       | 19.06     | 55.88            | 68.20            | -12.32    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

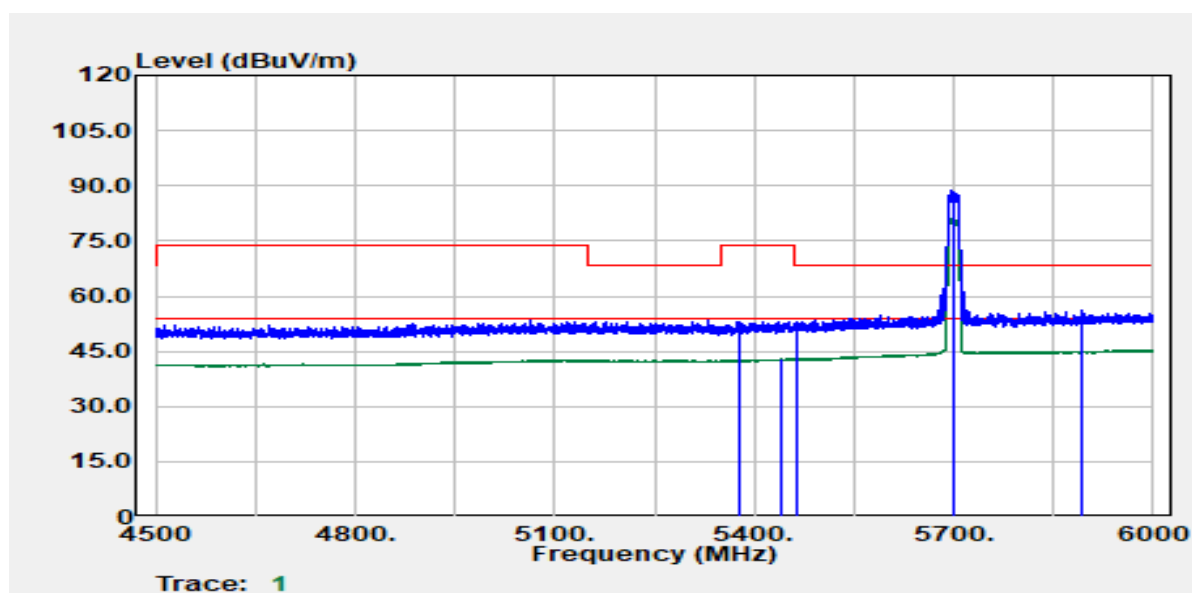
Rev.: 02

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5500MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                     | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak / Average                |               |                  |



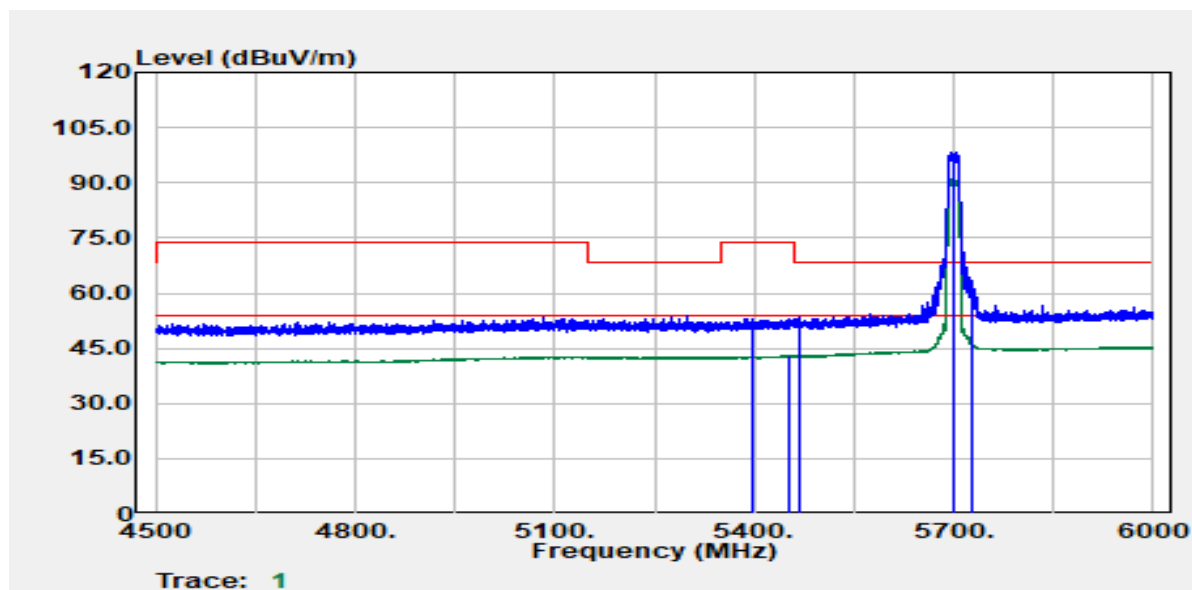
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5457.60         | Peak                   | 37.46                       | 17.48     | 54.94            | 74.00            | -19.06    |
| 5458.80         | Average                | 25.75                       | 17.48     | 43.23            | 54.00            | -10.77    |
| 5468.10         | Peak                   | 39.41                       | 17.48     | 56.89            | 68.20            | -11.31    |
| 5500.00         | Peak                   | 79.44                       | 17.45     | 96.89            | --               | --        |
| 5500.00         | Average                | 71.89                       | 17.45     | 89.34            | --               | --        |
| 5775.90         | Peak                   | 36.91                       | 18.88     | 55.78            | 68.20            | -12.42    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temperature   | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                      | Test Date     | November 1, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



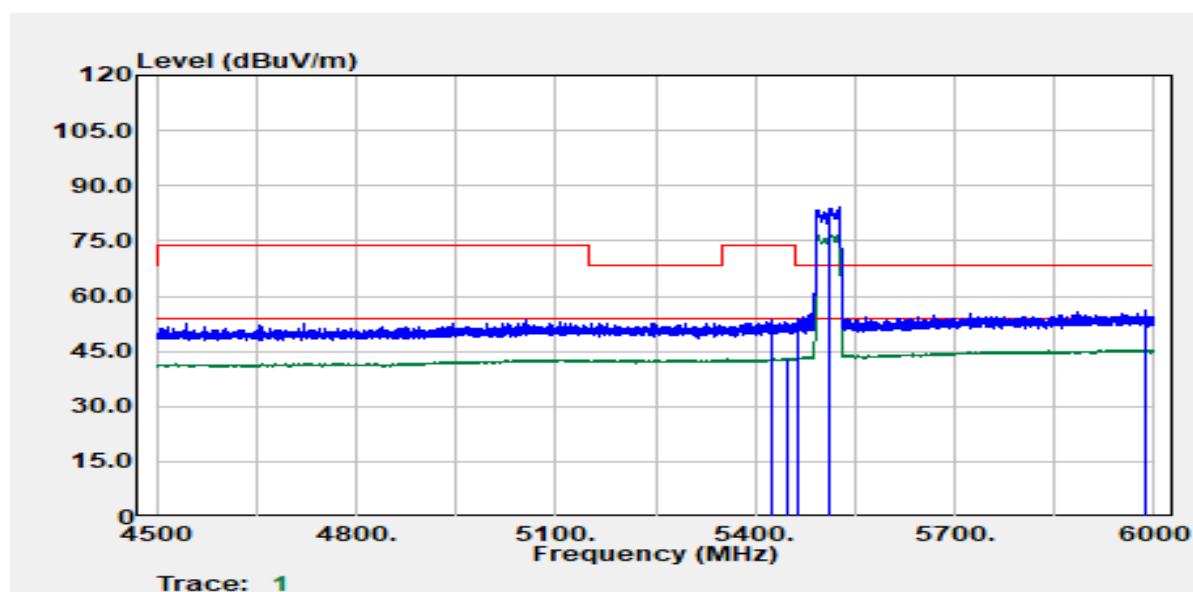
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dB $\mu$ V | Factor dB | Actual FS dB $\mu$ V/m | Limit @3m dB $\mu$ V/m | Margin dB |
|-----------------|------------------------|-----------------------------------|-----------|------------------------|------------------------|-----------|
| 5377.20         | Peak                   | 35.92                             | 17.28     | 53.20                  | 74.00                  | -20.80    |
| 5439.60         | Average                | 25.46                             | 17.46     | 42.92                  | 54.00                  | -11.08    |
| 5465.70         | Peak                   | 35.40                             | 17.48     | 52.88                  | 68.20                  | -15.32    |
| 5700.00         | Peak                   | 70.20                             | 18.51     | 88.71                  | --                     | --        |
| 5700.00         | Average                | 62.75                             | 18.51     | 81.26                  | --                     | --        |
| 5891.10         | Peak                   | 37.33                             | 18.93     | 56.27                  | 68.20                  | -11.93    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temperature   | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



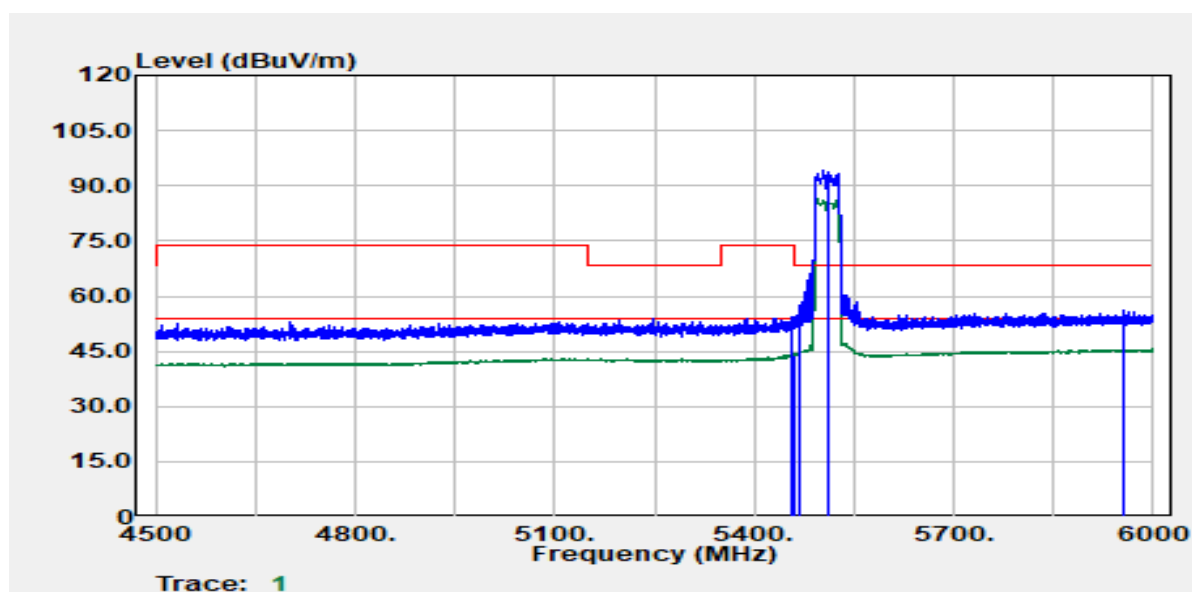
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5398.50         | Peak                   | 35.76                       | 17.33     | 53.08            | 74.00            | -20.92    |
| 5452.20         | Average                | 25.49                       | 17.49     | 42.98            | 54.00            | -11.02    |
| 5466.30         | Peak                   | 35.99                       | 17.48     | 53.47            | 68.20            | -14.73    |
| 5700.00         | Peak                   | 79.98                       | 18.51     | 98.49            | - -              | - -       |
| 5700.00         | Average                | 72.49                       | 18.51     | 91.00            | - -              | - -       |
| 5726.70         | Peak                   | 44.85                       | 18.72     | 63.57            | 68.20            | -4.63     |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                      | Test Date     | November 1, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak / Average                 |               |                  |



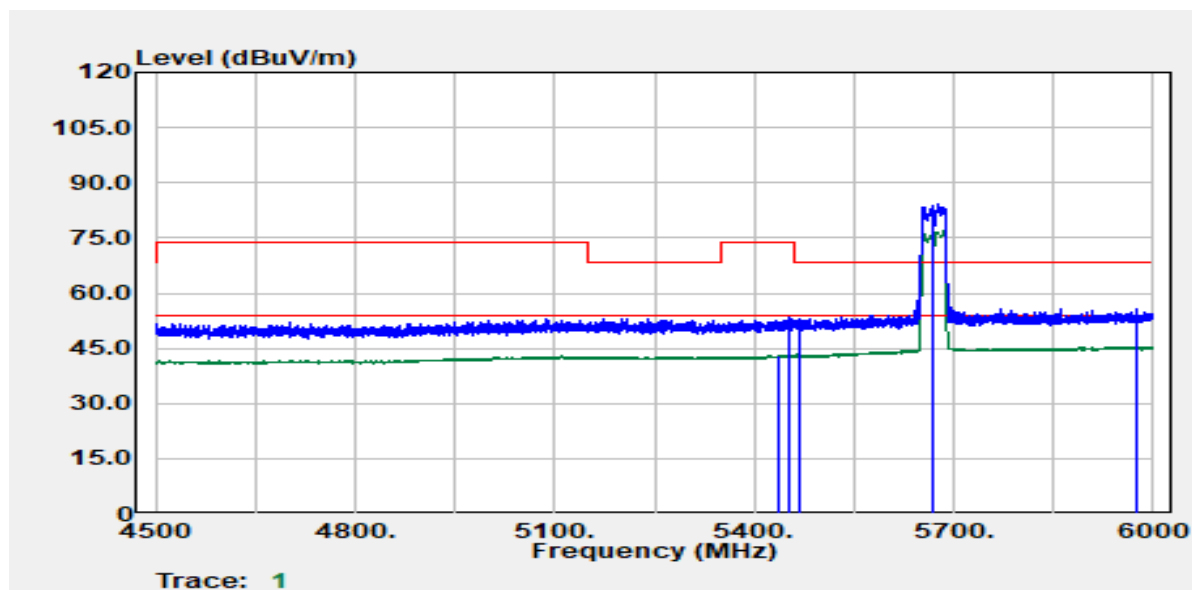
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5425.20         | Peak                   | 36.13                       | 17.41     | 53.54            | 74.00            | -20.46    |
| 5450.10         | Average                | 25.55                       | 17.49     | 43.04            | 54.00            | -10.96    |
| 5466.00         | Peak                   | 36.36                       | 17.48     | 53.84            | 68.20            | -14.36    |
| 5510.00         | Peak                   | 66.49                       | 17.51     | 84.00            | --               | --        |
| 5510.00         | Average                | 59.02                       | 17.51     | 76.54            | --               | --        |
| 5985.90         | Peak                   | 37.30                       | 19.06     | 56.36            | 68.20            | -11.84    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak / Average                 |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5457.00         | Peak                   | 36.76                       | 17.48     | 54.25            | 74.00            | -19.75    |
| 5460.00         | Average                | 26.63                       | 17.48     | 44.11            | 54.00            | -9.89     |
| 5469.60         | Peak                   | 39.90                       | 17.47     | 57.37            | 68.20            | -10.83    |
| 5510.00         | Peak                   | 76.89                       | 17.51     | 94.40            | --               | --        |
| 5510.00         | Average                | 69.16                       | 17.51     | 86.67            | --               | --        |
| 5954.40         | Peak                   | 37.07                       | 19.03     | 56.09            | 68.20            | -12.11    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                      | Test Date     | November 1, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



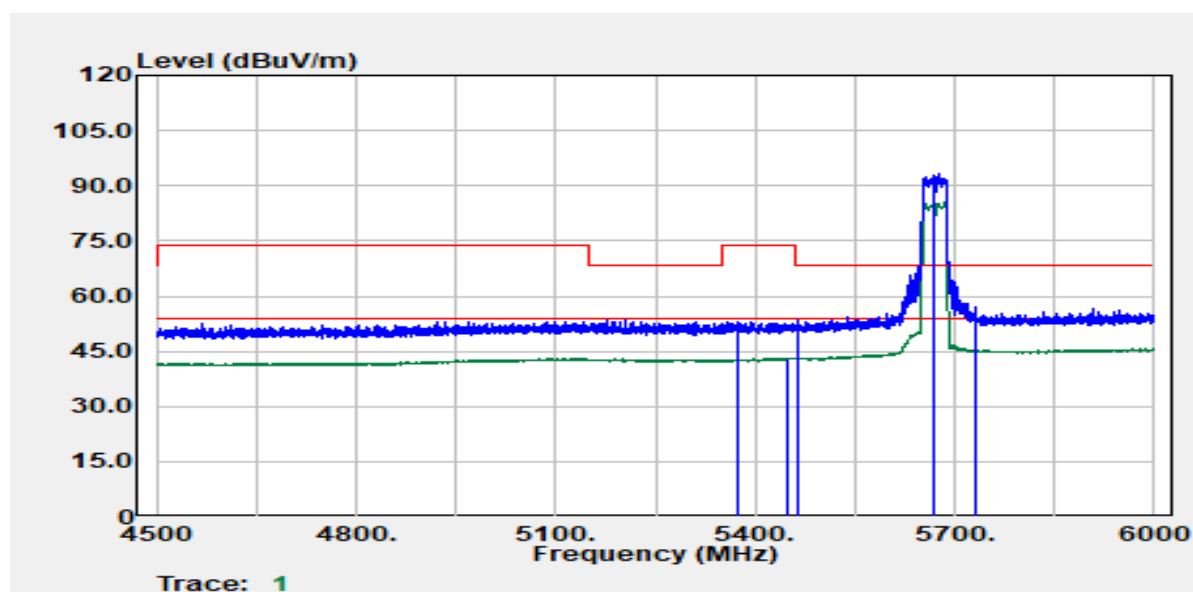
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5435.70         | Average                | 25.68                       | 17.44     | 43.12            | 54.00            | -10.88    |
| 5453.40         | Peak                   | 36.00                       | 17.49     | 53.48            | 74.00            | -20.52    |
| 5466.90         | Peak                   | 35.67                       | 17.48     | 53.15            | 68.20            | -15.05    |
| 5670.00         | Peak                   | 66.09                       | 18.35     | 84.44            | --               | --        |
| 5670.00         | Average                | 58.76                       | 18.35     | 77.11            | --               | --        |
| 5976.30         | Peak                   | 36.79                       | 19.05     | 55.84            | 68.20            | -12.36    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

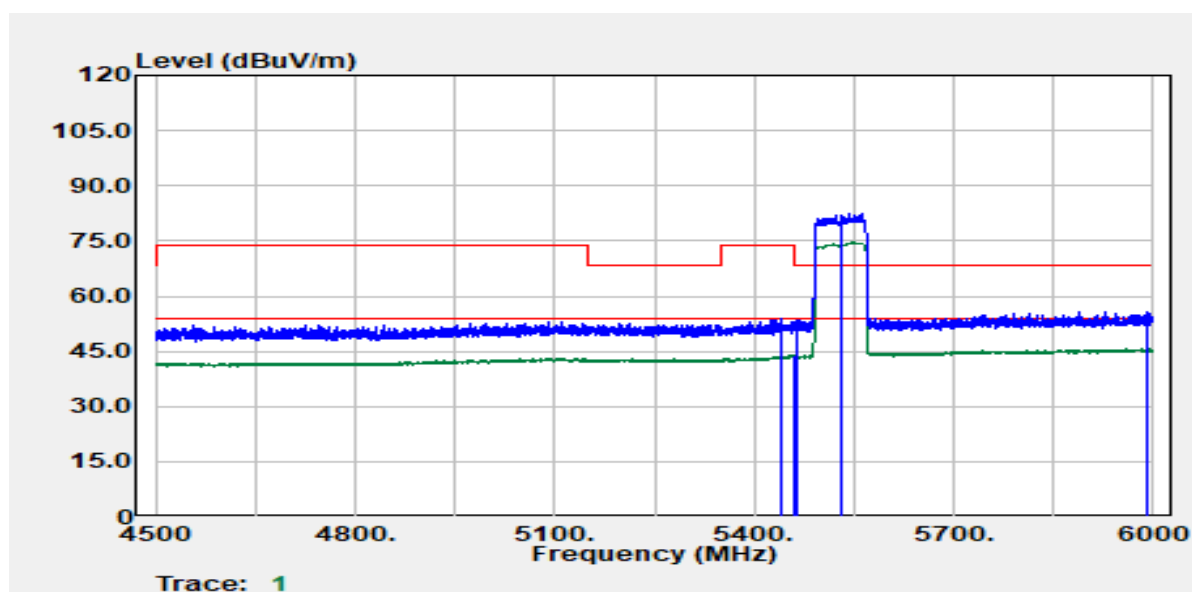
Rev.: 02

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



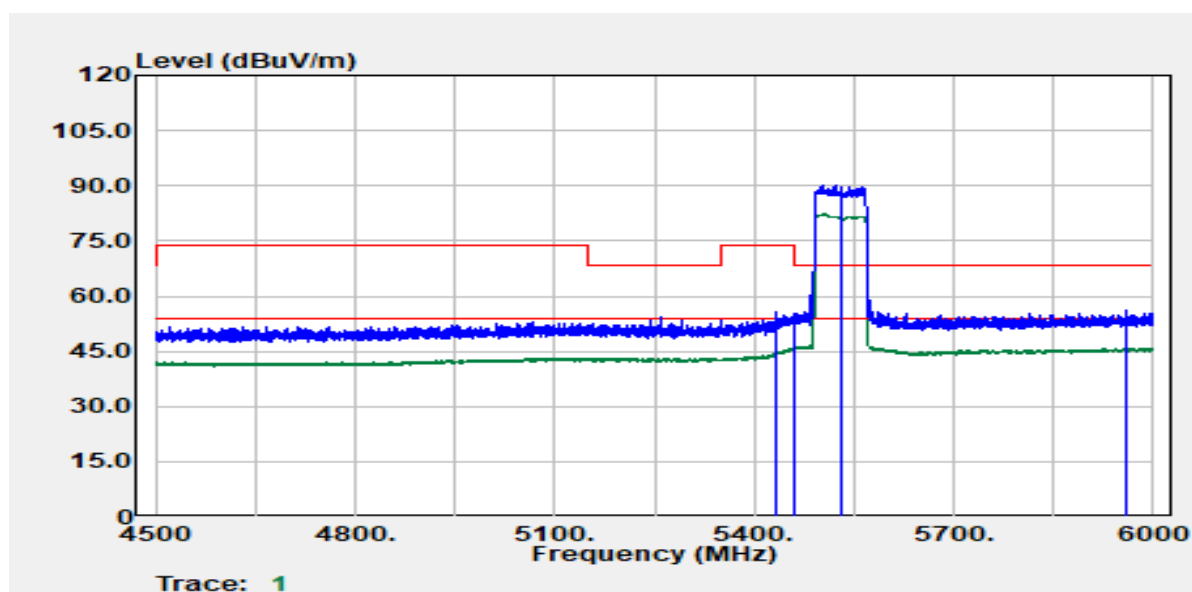
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5373.30         | Peak                   | 35.67                       | 17.28     | 52.94            | 74.00            | -21.06    |
| 5446.50         | Average                | 25.65                       | 17.48     | 43.13            | 54.00            | -10.87    |
| 5464.80         | Peak                   | 35.99                       | 17.48     | 53.47            | 68.20            | -14.73    |
| 5670.00         | Peak                   | 74.76                       | 18.35     | 93.11            | --               | --        |
| 5670.00         | Average                | 67.07                       | 18.35     | 85.41            | --               | --        |
| 5731.50         | Peak                   | 38.52                       | 18.76     | 57.28            | 68.20            | -10.92    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                      | Test Date     | November 2, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak / Average                 |               |                  |



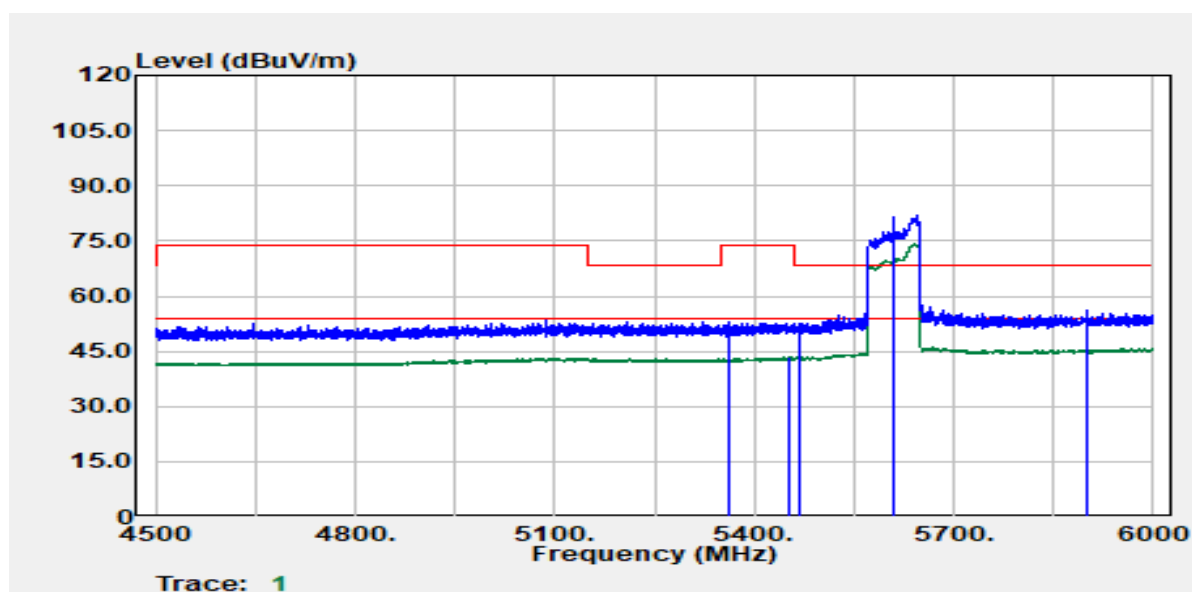
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBUV | Factor dB | Actual FS dBUV/m | Limit @3m dBUV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5440.80         | Peak                   | 36.33                       | 17.46     | 53.79            | 74.00            | -20.21    |
| 5459.40         | Average                | 26.38                       | 17.48     | 43.86            | 54.00            | -10.14    |
| 5464.50         | Peak                   | 35.88                       | 17.48     | 53.36            | 68.20            | -14.84    |
| 5530.00         | Peak                   | 64.91                       | 17.64     | 82.54            | --               | --        |
| 5530.00         | Average                | 56.89                       | 17.64     | 74.53            | --               | --        |
| 5991.90         | Peak                   | 36.76                       | 19.07     | 55.83            | 68.20            | -12.37    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak / Average                 |               |                  |



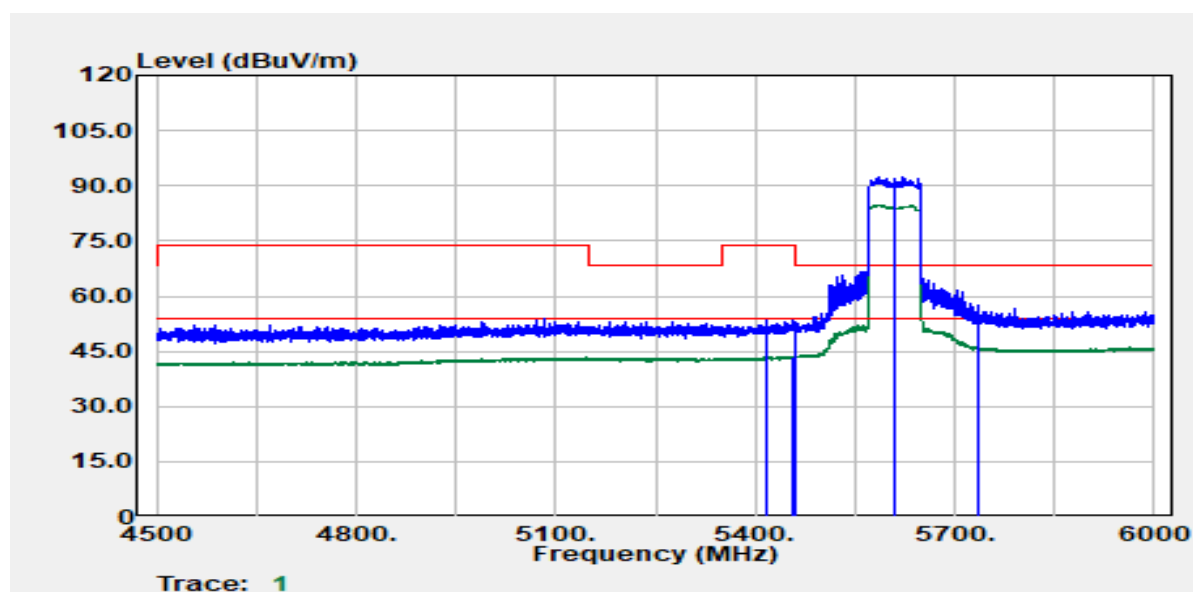
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBUV | Factor dB | Actual FS dBUV/m | Limit @3m dBUV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5433.30         | Peak                   | 38.28                       | 17.44     | 55.72            | 74.00            | -18.28    |
| 5458.80         | Average                | 28.51                       | 17.48     | 45.99            | 54.00            | -8.01     |
| 5460.90         | Peak                   | 37.99                       | 17.48     | 55.47            | 68.20            | -12.73    |
| 5530.00         | Peak                   | 72.49                       | 17.64     | 90.13            | --               | --        |
| 5530.00         | Average                | 64.61                       | 17.64     | 82.24            | --               | --        |
| 5961.00         | Peak                   | 37.14                       | 19.03     | 56.17            | 68.20            | -12.03    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5610 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                      | Test Date     | November 2, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak / Average                 |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5361.00         | Peak                   | 35.80                       | 17.25     | 53.06            | 74.00            | -20.94    |
| 5454.30         | Average                | 25.88                       | 17.49     | 43.36            | 54.00            | -10.64    |
| 5468.40         | Peak                   | 35.22                       | 17.48     | 52.70            | 68.20            | -15.50    |
| 5610.00         | Peak                   | 64.12                       | 18.06     | 82.19            | --               | --        |
| 5610.00         | Average                | 56.06                       | 18.06     | 74.13            | --               | --        |
| 5899.50         | Peak                   | 37.25                       | 18.94     | 56.19            | 68.20            | -12.01    |

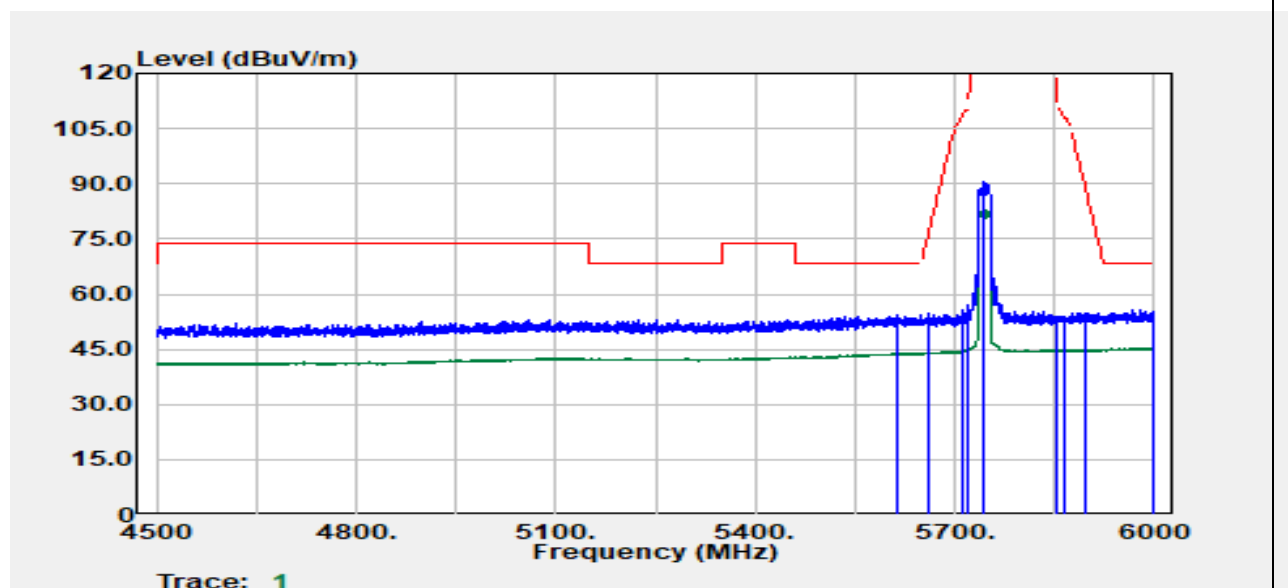
|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5610 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak / Average                 |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5415.60         | Peak                   | 36.20                       | 17.38     | 53.58            | 74.00            | -20.42    |
| 5454.90         | Average                | 26.12                       | 17.49     | 43.61            | 54.00            | -10.39    |
| 5460.60         | Peak                   | 35.29                       | 17.48     | 52.77            | 68.20            | -15.43    |
| 5610.00         | Peak                   | 74.49                       | 18.06     | 92.55            | --               | --        |
| 5610.00         | Average                | 66.81                       | 18.06     | 84.87            | --               | --        |
| 5735.40         | Peak                   | 38.79                       | 18.79     | 57.59            | 68.20            | -10.61    |

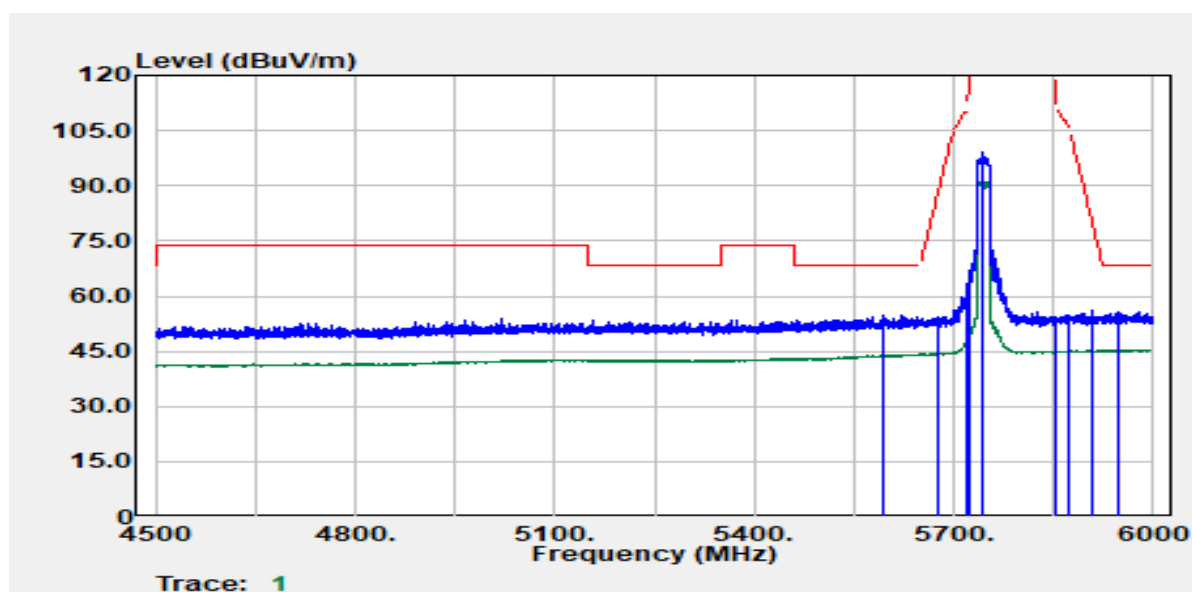
## Test Data for UNII-3

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge               | Test Date     | November 1, 2022 |
| Polarize  | Vertical                | Test Engineer | Ray Li           |
| Detector  | Peak                    |               |                  |



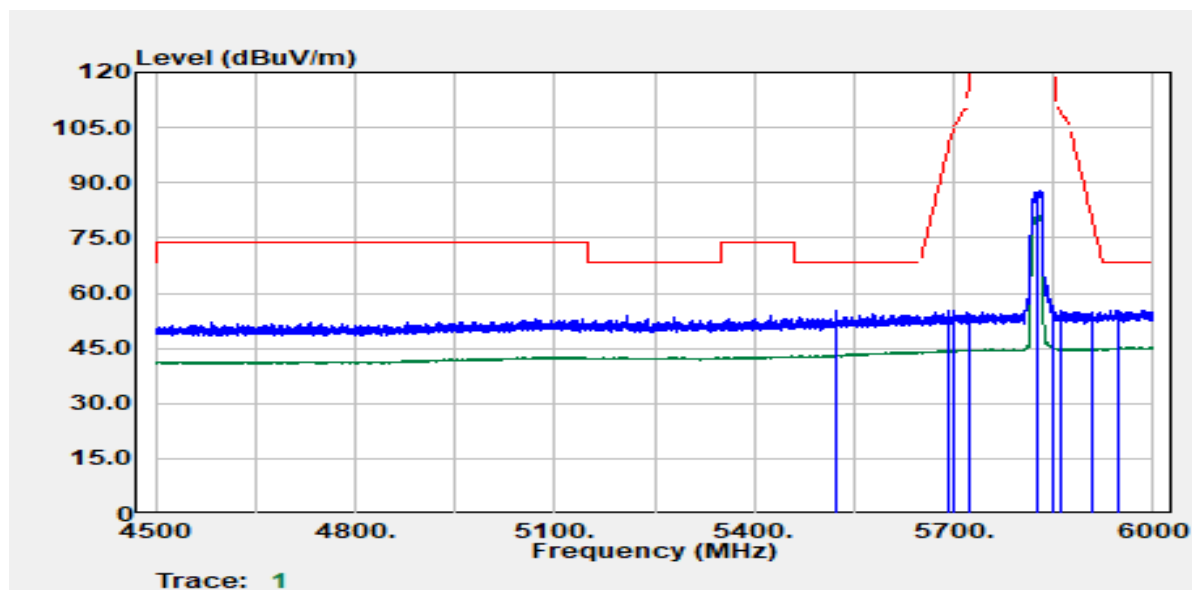
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBUV | Factor dB | Actual FS dBUV/m | Limit @3m dBUV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5614.80         | Peak                   | 36.08                       | 18.09     | 54.17            | 68.20            | -14.03    |
| 5660.10         | Peak                   | 36.51                       | 18.29     | 54.81            | 75.70            | -20.89    |
| 5713.20         | Peak                   | 37.18                       | 18.62     | 55.79            | 108.90           | -53.11    |
| 5721.00         | Peak                   | 38.32                       | 18.68     | 57.00            | 113.08           | -56.09    |
| 5745.00         | Peak                   | 71.49                       | 18.87     | 90.36            | --               | --        |
| 5745.00         | Average                | 63.96                       | 18.87     | 82.83            | --               | --        |
| 5853.60         | Peak                   | 34.67                       | 18.91     | 53.58            | 113.99           | -60.41    |
| 5863.80         | Peak                   | 35.17                       | 18.92     | 54.09            | 108.33           | -54.24    |
| 5898.00         | Peak                   | 36.00                       | 18.94     | 54.94            | 88.14            | -33.20    |
| 6000.00         | Peak                   | 36.71                       | 19.08     | 55.79            | 68.20            | -12.41    |

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge               | Test Date     | October 26, 2022 |
| Polarize  | Horizontal              | Test Engineer | Ray Li           |
| Detector  | Peak                    |               |                  |



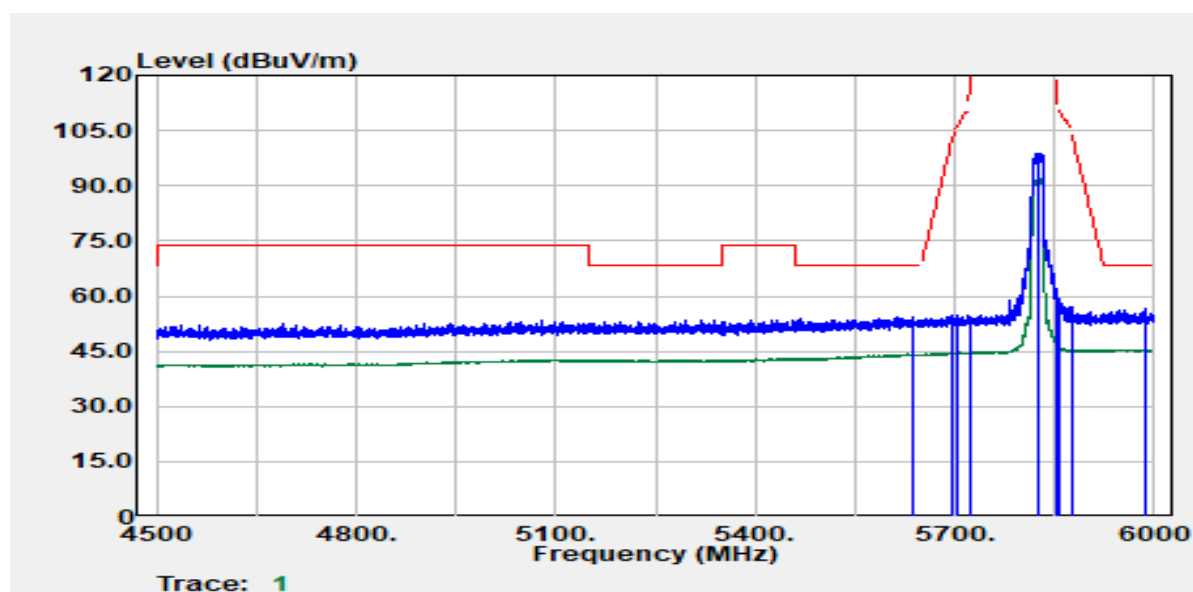
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5594.70         | Peak                   | 36.90                       | 17.99     | 54.90            | 68.20            | -13.30    |
| 5677.80         | Peak                   | 35.97                       | 18.39     | 54.36            | 88.81            | -34.46    |
| 5720.10         | Peak                   | 44.74                       | 18.67     | 63.41            | 111.03           | -47.62    |
| 5722.20         | Peak                   | 46.84                       | 18.69     | 65.53            | 115.82           | -50.29    |
| 5745.00         | Peak                   | 80.28                       | 18.87     | 99.15            | --               | --        |
| 5745.00         | Average                | 72.54                       | 18.87     | 91.41            | --               | --        |
| 5853.30         | Peak                   | 35.35                       | 18.91     | 54.26            | 114.67           | -60.41    |
| 5871.30         | Peak                   | 35.86                       | 18.92     | 54.78            | 106.23           | -51.45    |
| 5910.00         | Peak                   | 37.07                       | 18.96     | 56.02            | 79.27            | -23.24    |
| 5948.70         | Peak                   | 36.82                       | 19.02     | 55.84            | 68.20            | -12.36    |

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge               | Test Date     | November 1, 2022 |
| Polarize  | Vertical                | Test Engineer | Ray Li           |
| Detector  | Peak                    |               |                  |



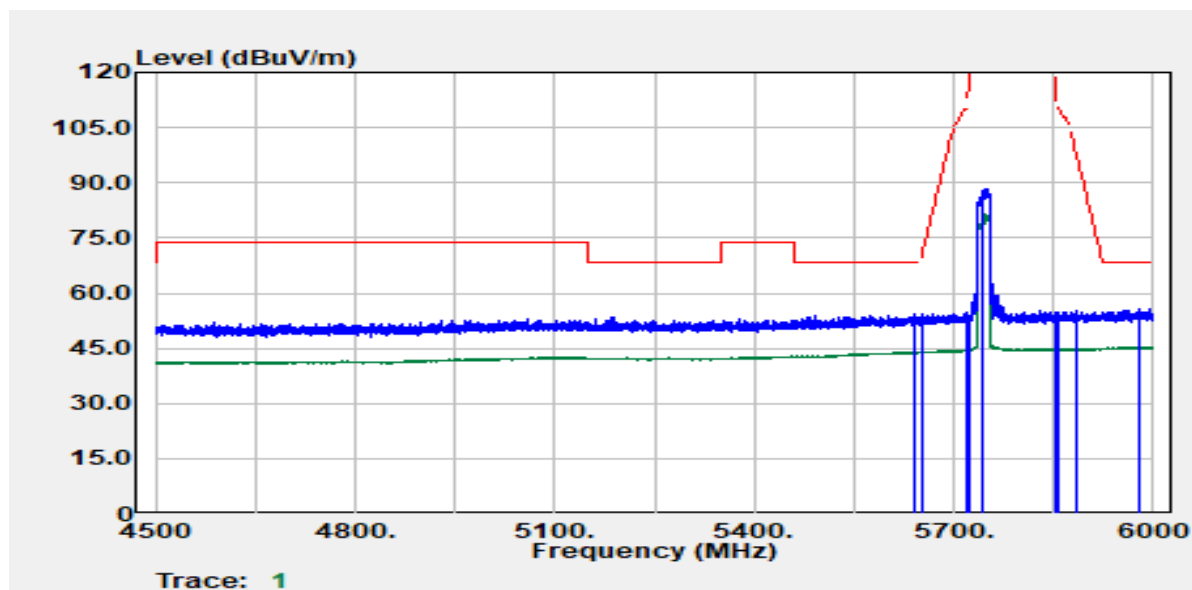
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5524.20         | Peak                   | 37.53                       | 17.60     | 55.13            | 68.20            | -13.07    |
| 5691.90         | Peak                   | 36.58                       | 18.47     | 55.05            | 99.23            | -44.18    |
| 5700.30         | Peak                   | 36.80                       | 18.51     | 55.31            | 105.28           | -49.97    |
| 5722.50         | Peak                   | 35.47                       | 18.69     | 54.16            | 116.50           | -62.34    |
| 5825.00         | Peak                   | 68.78                       | 18.88     | 87.66            | --               | --        |
| 5825.00         | Average                | 62.58                       | 18.88     | 81.46            | --               | --        |
| 5850.30         | Peak                   | 36.86                       | 18.91     | 55.77            | 121.52           | -65.74    |
| 5859.60         | Peak                   | 36.39                       | 18.92     | 55.30            | 109.51           | -54.21    |
| 5908.80         | Peak                   | 35.87                       | 18.95     | 54.82            | 80.15            | -25.33    |
| 5949.30         | Peak                   | 36.22                       | 19.02     | 55.24            | 68.20            | -12.96    |

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge               | Test Date     | October 26, 2022 |
| Polarize  | Horizontal              | Test Engineer | Ray Li           |
| Detector  | Peak                    |               |                  |



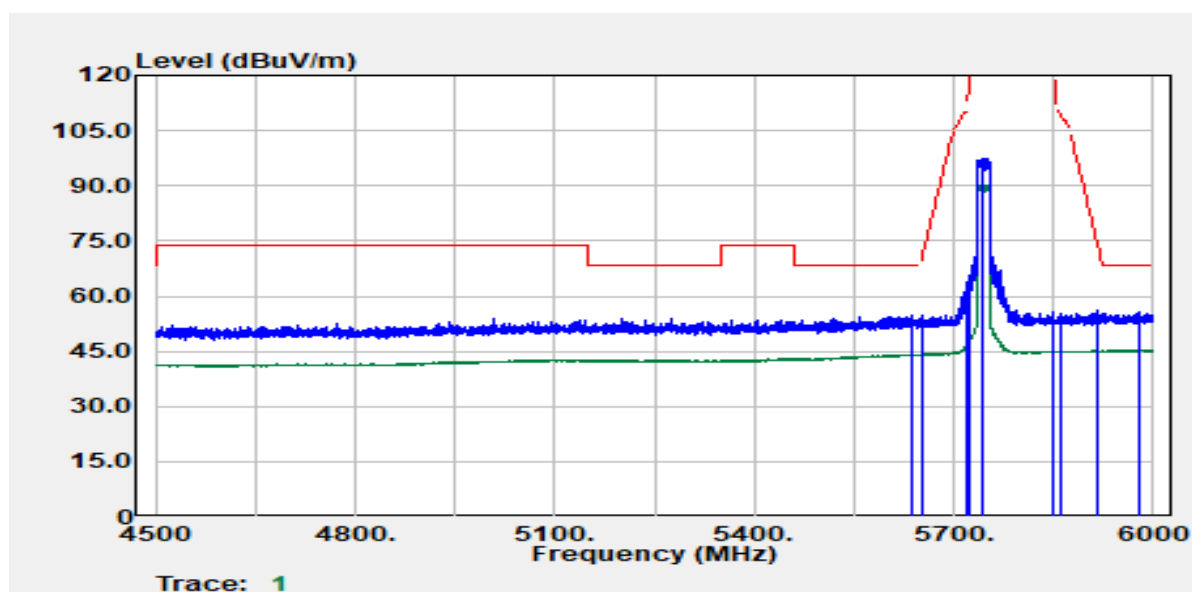
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5636.40         | Peak                   | 36.04                       | 18.18     | 54.22            | 68.20            | -13.98    |
| 5696.40         | Peak                   | 36.26                       | 18.49     | 54.75            | 102.55           | -47.79    |
| 5702.10         | Peak                   | 36.40                       | 18.53     | 54.93            | 105.79           | -50.86    |
| 5722.80         | Peak                   | 35.69                       | 18.69     | 54.38            | 117.19           | -62.81    |
| 5825.00         | Peak                   | 80.01                       | 18.88     | 98.89            | --               | --        |
| 5825.00         | Average                | 73.20                       | 18.88     | 92.08            | --               | --        |
| 5851.80         | Peak                   | 43.18                       | 18.91     | 62.09            | 118.09           | -56.00    |
| 5855.70         | Peak                   | 40.40                       | 18.91     | 59.31            | 110.60           | -51.29    |
| 5878.20         | Peak                   | 38.03                       | 18.93     | 56.95            | 102.82           | -45.87    |
| 5985.60         | Peak                   | 37.33                       | 19.06     | 56.39            | 68.20            | -11.81    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 26, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



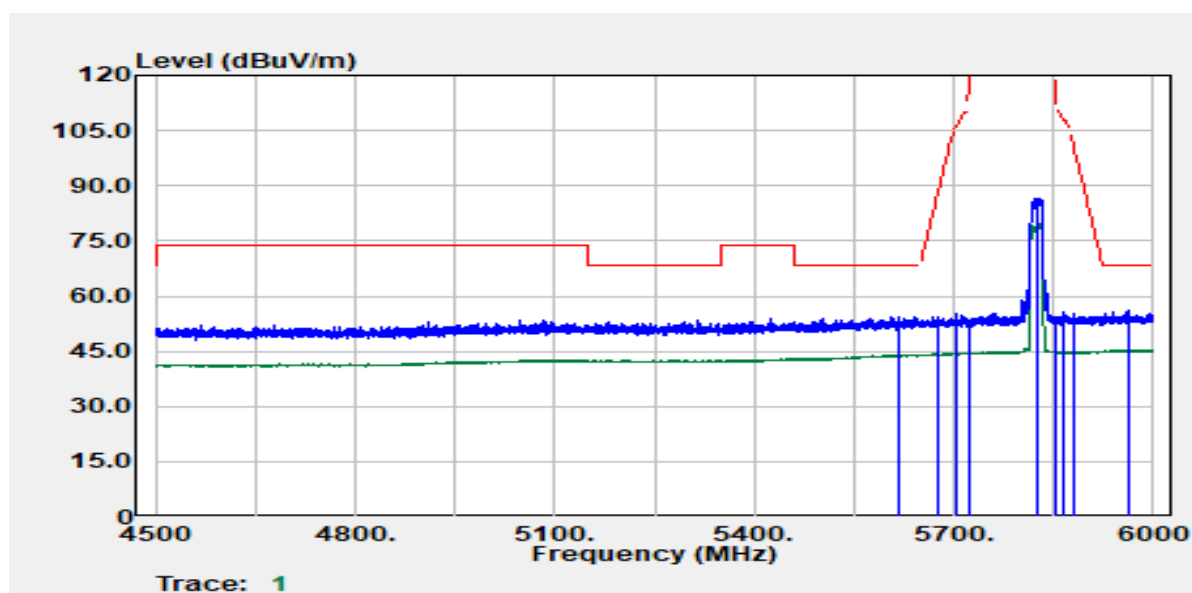
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5639.40         | Peak                   | 36.03                       | 18.19     | 54.23            | 68.20            | -13.97    |
| 5652.00         | Peak                   | 36.22                       | 18.25     | 54.47            | 69.69            | -15.21    |
| 5719.20         | Peak                   | 35.93                       | 18.66     | 54.60            | 110.58           | -55.98    |
| 5724.90         | Peak                   | 35.27                       | 18.71     | 53.98            | 121.97           | -68.00    |
| 5745.00         | Peak                   | 69.65                       | 18.87     | 88.52            | --               | --        |
| 5745.00         | Average                | 62.44                       | 18.87     | 81.31            | --               | --        |
| 5852.40         | Peak                   | 35.04                       | 18.91     | 53.95            | 116.73           | -62.77    |
| 5857.20         | Peak                   | 36.04                       | 18.91     | 54.96            | 110.18           | -55.22    |
| 5884.80         | Peak                   | 36.44                       | 18.93     | 55.37            | 97.92            | -42.55    |
| 5978.10         | Peak                   | 36.83                       | 19.05     | 55.89            | 68.20            | -12.31    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5637.30         | Peak                   | 36.60                       | 18.18     | 54.78            | 68.20            | -13.42    |
| 5651.10         | Peak                   | 36.56                       | 18.25     | 54.80            | 69.02            | -14.22    |
| 5718.60         | Peak                   | 43.11                       | 18.66     | 61.77            | 110.41           | -48.64    |
| 5723.10         | Peak                   | 47.12                       | 18.69     | 65.82            | 117.87           | -52.05    |
| 5745.00         | Peak                   | 78.69                       | 18.87     | 97.56            | --               | --        |
| 5745.00         | Average                | 71.47                       | 18.87     | 90.34            | --               | --        |
| 5850.60         | Peak                   | 36.63                       | 18.91     | 55.54            | 120.83           | -65.29    |
| 5861.70         | Peak                   | 36.55                       | 18.92     | 55.47            | 108.92           | -53.45    |
| 5916.90         | Peak                   | 37.04                       | 18.97     | 56.01            | 74.17            | -18.17    |
| 5977.20         | Peak                   | 36.45                       | 19.05     | 55.50            | 68.20            | -12.70    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5825 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                      | Test Date     | November 1, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



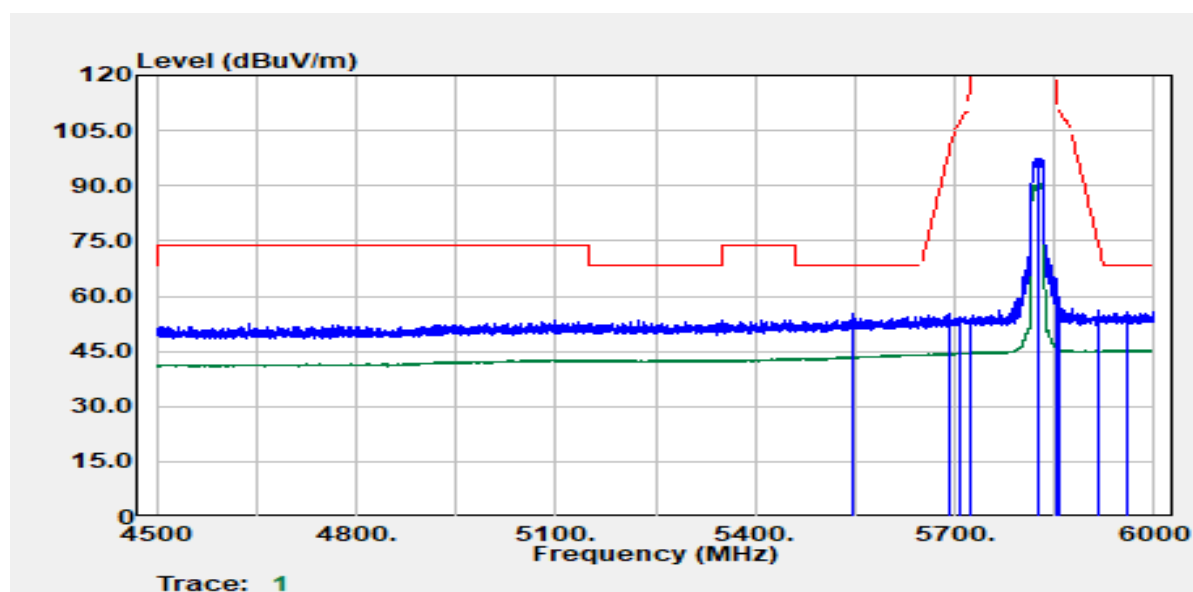
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5617.50         | Peak                   | 36.39                       | 18.10     | 54.48            | 68.20            | -13.72    |
| 5675.10         | Peak                   | 35.88                       | 18.38     | 54.25            | 86.81            | -32.56    |
| 5703.90         | Peak                   | 36.56                       | 18.54     | 55.10            | 106.29           | -51.19    |
| 5723.10         | Peak                   | 34.93                       | 18.69     | 53.63            | 117.87           | -64.24    |
| 5825.00         | Peak                   | 67.69                       | 18.88     | 86.57            | --               | --        |
| 5825.00         | Average                | 60.96                       | 18.88     | 79.84            | --               | --        |
| 5852.70         | Peak                   | 35.28                       | 18.91     | 54.19            | 116.04           | -61.85    |
| 5864.70         | Peak                   | 36.84                       | 18.92     | 55.75            | 108.08           | -52.33    |
| 5880.90         | Peak                   | 36.14                       | 18.93     | 55.07            | 100.82           | -45.75    |
| 5963.40         | Peak                   | 37.09                       | 19.04     | 56.13            | 68.20            | -12.07    |

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

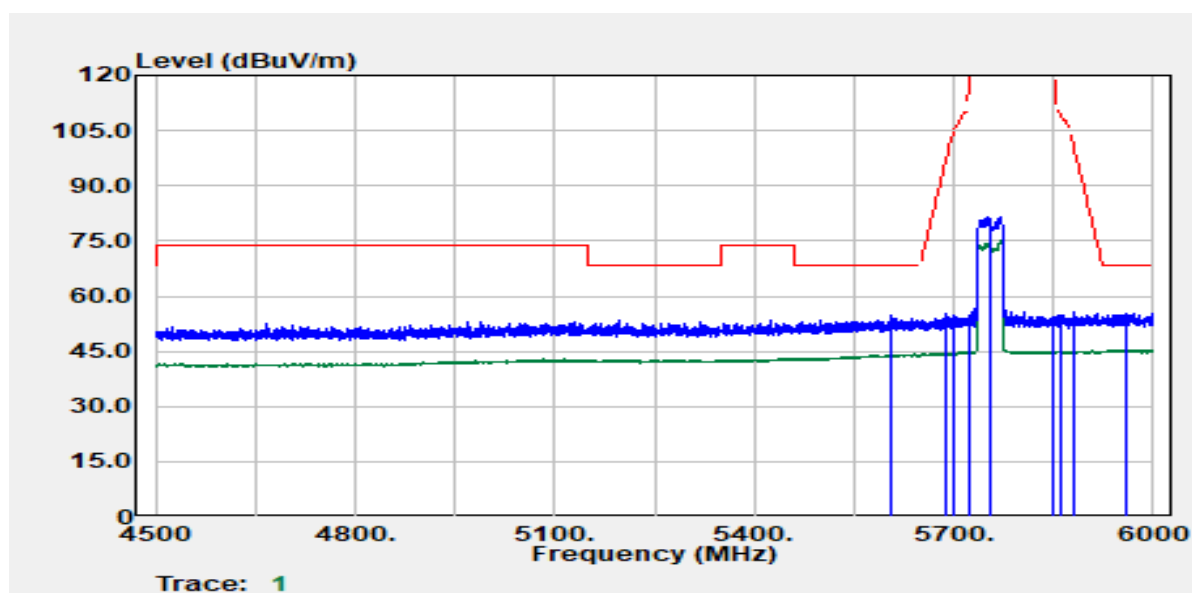
Rev.: 02

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5825 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



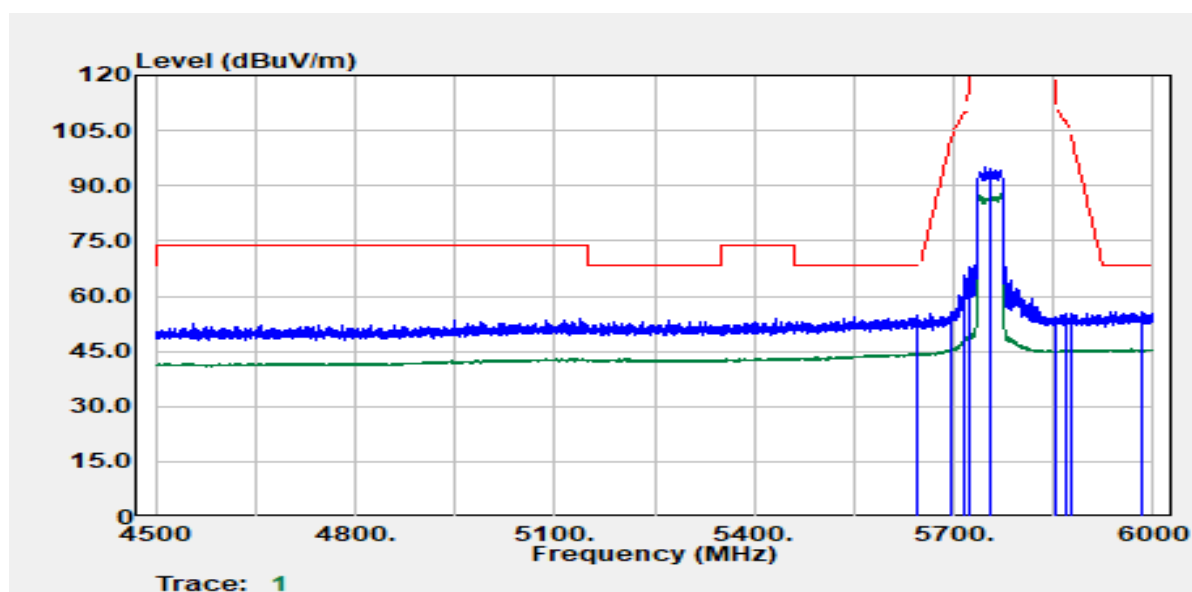
| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5547.90         | Peak                   | 37.47                       | 17.75     | 55.21            | 68.20            | -12.99    |
| 5692.20         | Peak                   | 36.60                       | 18.47     | 55.07            | 99.45            | -44.38    |
| 5707.50         | Peak                   | 35.87                       | 18.57     | 54.44            | 107.30           | -52.86    |
| 5724.90         | Peak                   | 35.21                       | 18.71     | 53.92            | 121.97           | -68.06    |
| 5825.00         | Peak                   | 78.52                       | 18.88     | 97.40            | --               | --        |
| 5825.00         | Average                | 71.84                       | 18.88     | 90.72            | --               | --        |
| 5851.80         | Peak                   | 45.76                       | 18.91     | 64.67            | 118.09           | -53.43    |
| 5855.40         | Peak                   | 40.73                       | 18.91     | 59.65            | 110.69           | -51.04    |
| 5915.10         | Peak                   | 37.00                       | 18.96     | 55.96            | 75.50            | -19.54    |
| 5959.80         | Peak                   | 36.64                       | 19.03     | 55.67            | 68.20            | -12.53    |

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5755 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                        | Test Date     | November 2, 2022 |
| Polarize  | Vertical                         | Test Engineer | Ray Li           |
| Detector  | Peak                             |               |                  |



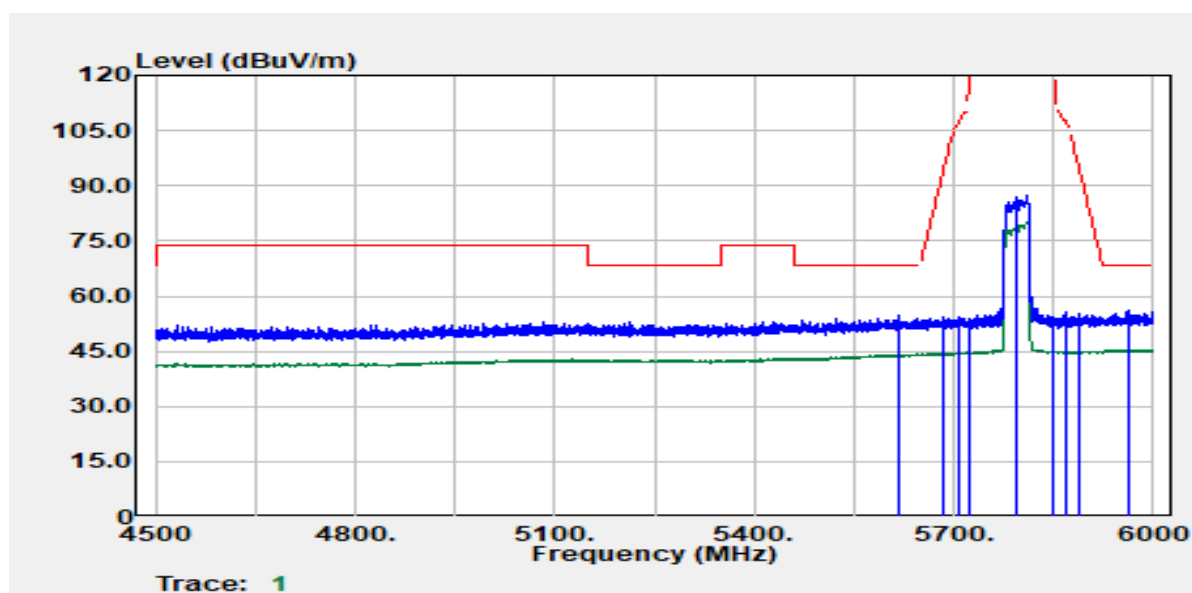
| Frequency<br>(MHz) | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5606.10            | Peak                         | 36.58                             | 18.05        | 54.63                  | 68.20                  | -13.57       |
| 5686.20            | Peak                         | 36.68                             | 18.44        | 55.12                  | 95.02                  | -39.90       |
| 5699.70            | Peak                         | 36.23                             | 18.51        | 54.74                  | 104.98                 | -50.24       |
| 5724.90            | Peak                         | 35.89                             | 18.71        | 54.60                  | 121.97                 | -67.38       |
| 5755.00            | Peak                         | 62.71                             | 18.90        | 81.61                  | --                     | --           |
| 5755.00            | Average                      | 56.19                             | 18.90        | 75.10                  | --                     | --           |
| 5850.30            | Peak                         | 35.43                             | 18.91        | 54.34                  | 121.52                 | -67.18       |
| 5860.20            | Peak                         | 35.95                             | 18.92        | 54.87                  | 109.34                 | -54.48       |
| 5879.40            | Peak                         | 36.97                             | 18.93        | 55.90                  | 101.93                 | -46.03       |
| 5958.60            | Peak                         | 36.38                             | 19.03        | 55.42                  | 68.20                  | -12.78       |

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5755 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                        | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                       | Test Engineer | Ray Li           |
| Detector  | Peak                             |               |                  |



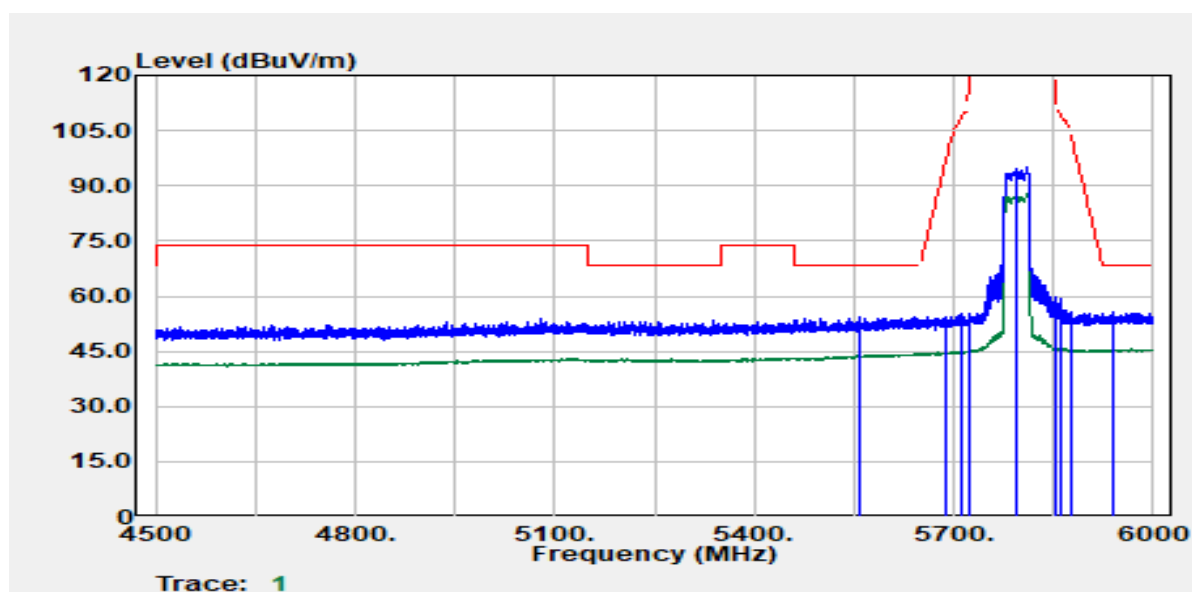
| Frequency<br>(MHz) | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5644.50            | Peak                         | 36.37                             | 18.22        | 54.59                  | 68.20                  | -13.61       |
| 5697.90            | Peak                         | 37.20                             | 18.50        | 55.70                  | 103.65                 | -47.95       |
| 5717.10            | Peak                         | 46.86                             | 18.65        | 65.51                  | 109.99                 | -44.48       |
| 5724.30            | Peak                         | 49.34                             | 18.70        | 68.05                  | 120.60                 | -52.56       |
| 5755.00            | Peak                         | 76.07                             | 18.90        | 94.97                  | --                     | --           |
| 5755.00            | Average                      | 68.85                             | 18.90        | 87.76                  | --                     | --           |
| 5853.00            | Peak                         | 35.25                             | 18.91        | 54.16                  | 115.36                 | -61.20       |
| 5869.80            | Peak                         | 36.51                             | 18.92        | 55.43                  | 106.65                 | -51.22       |
| 5875.50            | Peak                         | 36.18                             | 18.93        | 55.11                  | 104.83                 | -49.72       |
| 5984.70            | Peak                         | 36.73                             | 19.06        | 55.79                  | 68.20                  | -12.41       |

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5795 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                        | Test Date     | November 2, 2022 |
| Polarize  | Vertical                         | Test Engineer | Ray Li           |
| Detector  | Peak                             |               |                  |



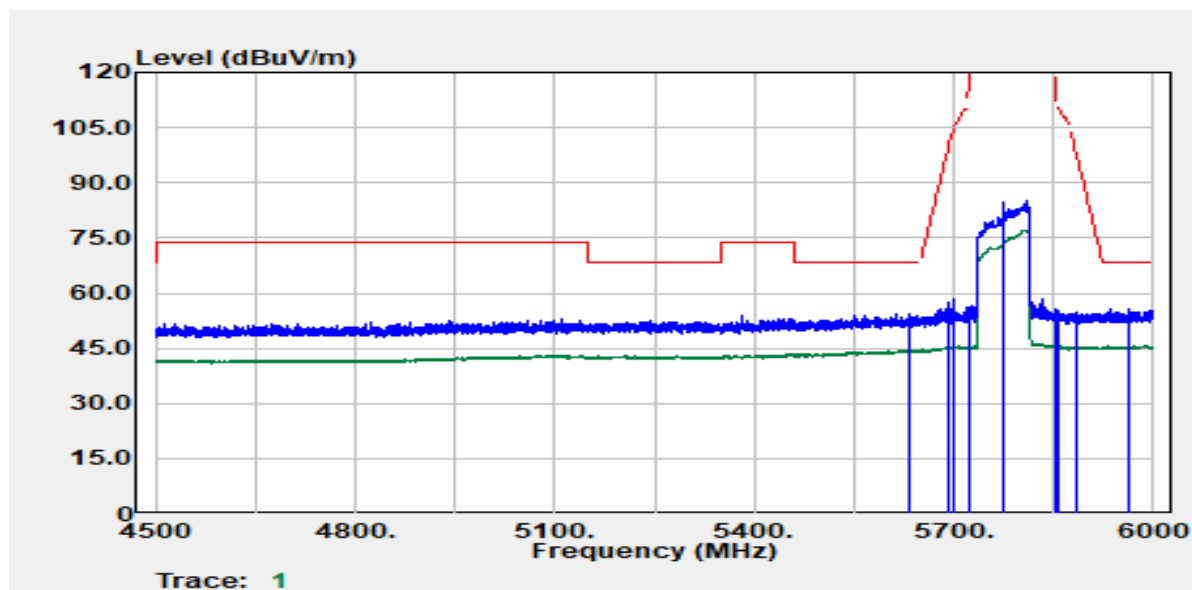
| Frequency<br>(MHz) | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5616.00            | Peak                         | 36.49                             | 18.09        | 54.58                  | 68.20                  | -13.62       |
| 5685.60            | Peak                         | 35.79                             | 18.43        | 54.22                  | 94.58                  | -40.36       |
| 5707.20            | Peak                         | 35.90                             | 18.57        | 54.47                  | 107.22                 | -52.75       |
| 5724.60            | Peak                         | 35.27                             | 18.71        | 53.98                  | 121.29                 | -67.31       |
| 5795.00            | Peak                         | 68.54                             | 18.86        | 87.39                  | --                     | --           |
| 5795.00            | Average                      | 61.36                             | 18.86        | 80.21                  | --                     | --           |
| 5851.20            | Peak                         | 35.27                             | 18.91        | 54.18                  | 119.46                 | -65.28       |
| 5869.50            | Peak                         | 36.56                             | 18.92        | 55.49                  | 106.74                 | -51.25       |
| 5889.00            | Peak                         | 36.47                             | 18.93        | 55.40                  | 94.81                  | -39.40       |
| 5964.00            | Peak                         | 37.17                             | 19.04        | 56.20                  | 68.20                  | -12.00       |

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5795 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                        | Test Date     | October 26, 2022 |
| Polarize  | Horizontal                       | Test Engineer | Ray Li           |
| Detector  | Peak                             |               |                  |



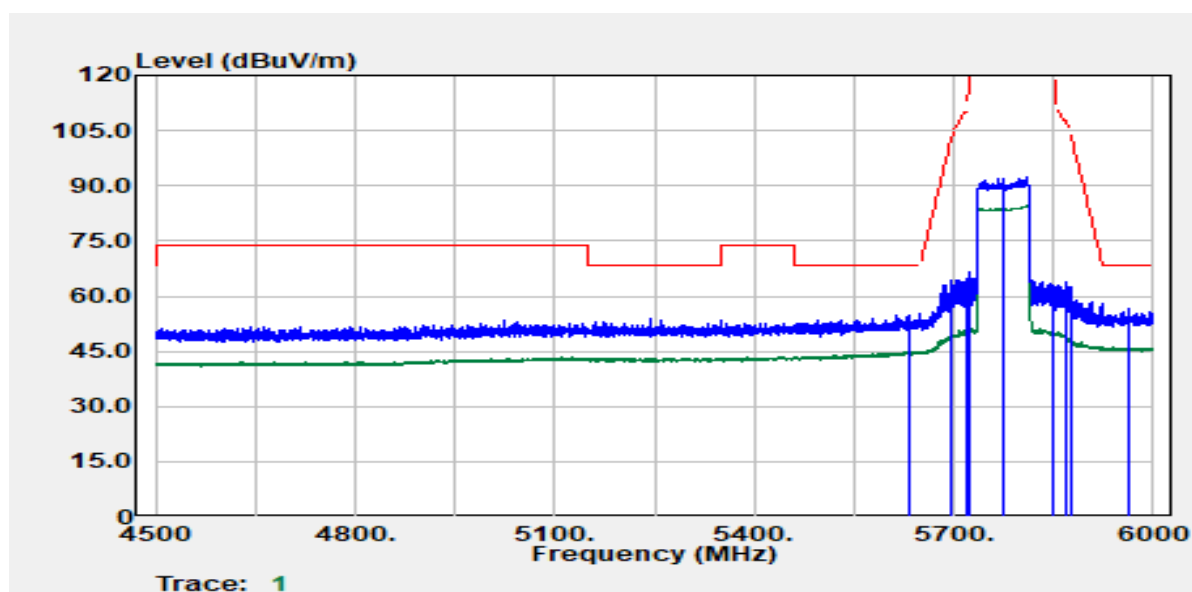
| Frequency<br>(MHz) | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5556.60            | Peak                         | 36.69                             | 17.79        | 54.49                  | 68.20                  | -13.71       |
| 5689.20            | Peak                         | 35.98                             | 18.45        | 54.43                  | 97.24                  | -42.80       |
| 5711.70            | Peak                         | 36.53                             | 18.60        | 55.14                  | 108.48                 | -53.34       |
| 5723.10            | Peak                         | 36.36                             | 18.69        | 55.05                  | 117.87                 | -62.82       |
| 5795.00            | Peak                         | 76.11                             | 18.86        | 94.97                  | --                     | --           |
| 5795.00            | Average                      | 68.95                             | 18.86        | 87.81                  | --                     | --           |
| 5853.00            | Peak                         | 40.99                             | 18.91        | 59.90                  | 115.36                 | -55.46       |
| 5859.30            | Peak                         | 40.22                             | 18.92        | 59.13                  | 109.59                 | -50.46       |
| 5876.40            | Peak                         | 36.67                             | 18.93        | 55.60                  | 104.16                 | -48.56       |
| 5939.40            | Peak                         | 36.84                             | 19.00        | 55.84                  | 68.20                  | -12.36       |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5775 MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | Band Edge                      | Test Date     | November 2, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |



| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dBμV | Factor dB | Actual FS dBμV/m | Limit @3m dBμV/m | Margin dB |
|-----------------|------------------------|-----------------------------|-----------|------------------|------------------|-----------|
| 5632.20         | Peak                   | 36.38                       | 18.16     | 54.54            | 68.20            | -13.66    |
| 5691.90         | Peak                   | 39.14                       | 18.47     | 57.61            | 99.23            | -41.62    |
| 5700.30         | Peak                   | 39.69                       | 18.51     | 58.20            | 105.28           | -47.08    |
| 5724.30         | Peak                   | 37.55                       | 18.70     | 56.26            | 120.60           | -64.35    |
| 5775.00         | Peak                   | 66.39                       | 18.88     | 85.27            | --               | --        |
| 5775.00         | Average                | 58.20                       | 18.88     | 77.08            | --               | --        |
| 5852.70         | Peak                   | 35.35                       | 18.91     | 54.26            | 116.04           | -61.78    |
| 5858.10         | Peak                   | 36.18                       | 18.91     | 55.09            | 109.93           | -54.84    |
| 5883.00         | Peak                   | 36.07                       | 18.93     | 55.00            | 99.26            | -44.26    |
| 5961.60         | Peak                   | 36.75                       | 19.03     | 55.79            | 68.20            | -12.41    |

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5775 MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Band Edge                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak                           |               |                  |

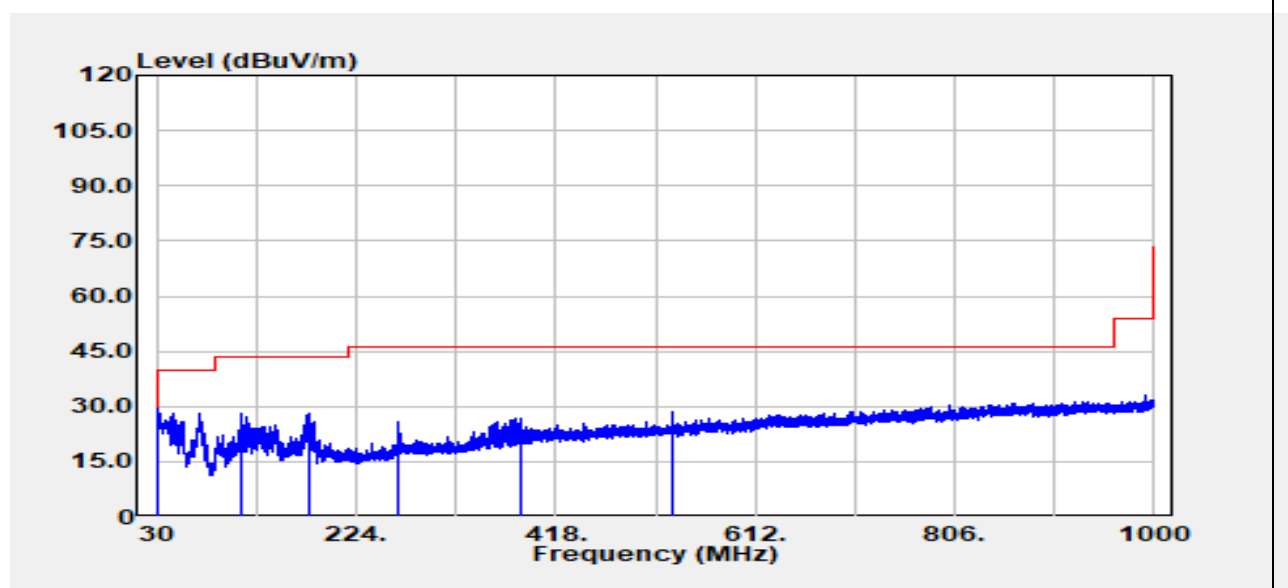


| Frequency (MHz) | Detector Mode PK/QP/AV | Spectrum Reading Level dB $\mu$ V | Factor dB | Actual FS dB $\mu$ V/m | Limit @3m dB $\mu$ V/m | Margin dB |
|-----------------|------------------------|-----------------------------------|-----------|------------------------|------------------------|-----------|
| 5632.20         | Peak                   | 36.48                             | 18.16     | 54.64                  | 68.20                  | -13.56    |
| 5697.30         | Peak                   | 45.93                             | 18.50     | 64.43                  | 103.21                 | -38.78    |
| 5720.10         | Peak                   | 45.63                             | 18.67     | 64.30                  | 111.03                 | -46.73    |
| 5724.00         | Peak                   | 47.91                             | 18.70     | 66.62                  | 119.92                 | -53.31    |
| 5775.00         | Peak                   | 73.70                             | 18.88     | 92.58                  | --                     | --        |
| 5775.00         | Average                | 65.63                             | 18.88     | 84.51                  | --                     | --        |
| 5850.30         | Peak                   | 41.81                             | 18.91     | 60.72                  | 121.52                 | -60.79    |
| 5868.60         | Peak                   | 45.13                             | 18.92     | 64.05                  | 106.99                 | -42.94    |
| 5875.50         | Peak                   | 43.47                             | 18.93     | 62.40                  | 104.83                 | -42.43    |
| 5964.30         | Peak                   | 37.40                             | 19.04     | 56.44                  | 68.20                  | -11.76    |

## Below 1G Test Data

### Test Data for UNII-1

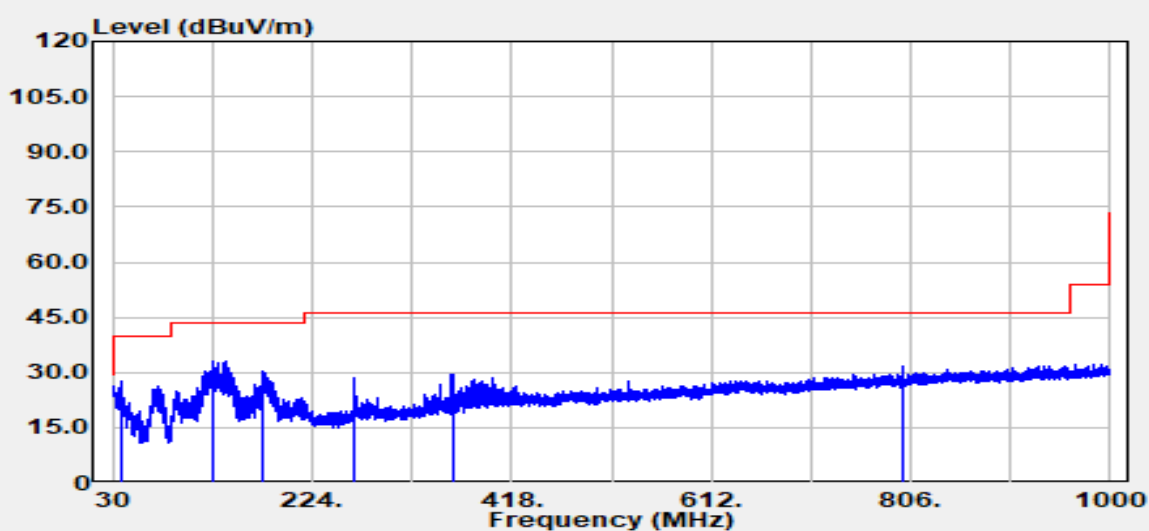
|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5240MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz             | Test Date     | October 28, 2022 |
| Polarize  | Vertical               | Test Engineer | Tony Chao        |
| Detector  | Peak                   |               |                  |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 31.94        | Peak                         | 33.35                             | -3.73        | 29.61                  | 40.00                  | -10.39       |
| 112.69       | Peak                         | 38.32                             | -10.15       | 28.18                  | 43.50                  | -15.32       |
| 177.32       | Peak                         | 39.59                             | -11.67       | 27.93                  | 43.50                  | -15.57       |
| 264.98       | Peak                         | 35.22                             | -9.25        | 25.97                  | 46.00                  | -20.03       |
| 383.93       | Peak                         | 33.22                             | -6.68        | 26.55                  | 46.00                  | -19.45       |
| 532.34       | Peak                         | 31.67                             | -3.33        | 28.34                  | 46.00                  | -17.66       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5240MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz             | Test Date     | October 28, 2022 |
| Polarize  | Horizontal             | Test Engineer | Tony Chao        |
| Detector  | Peak                   |               |                  |

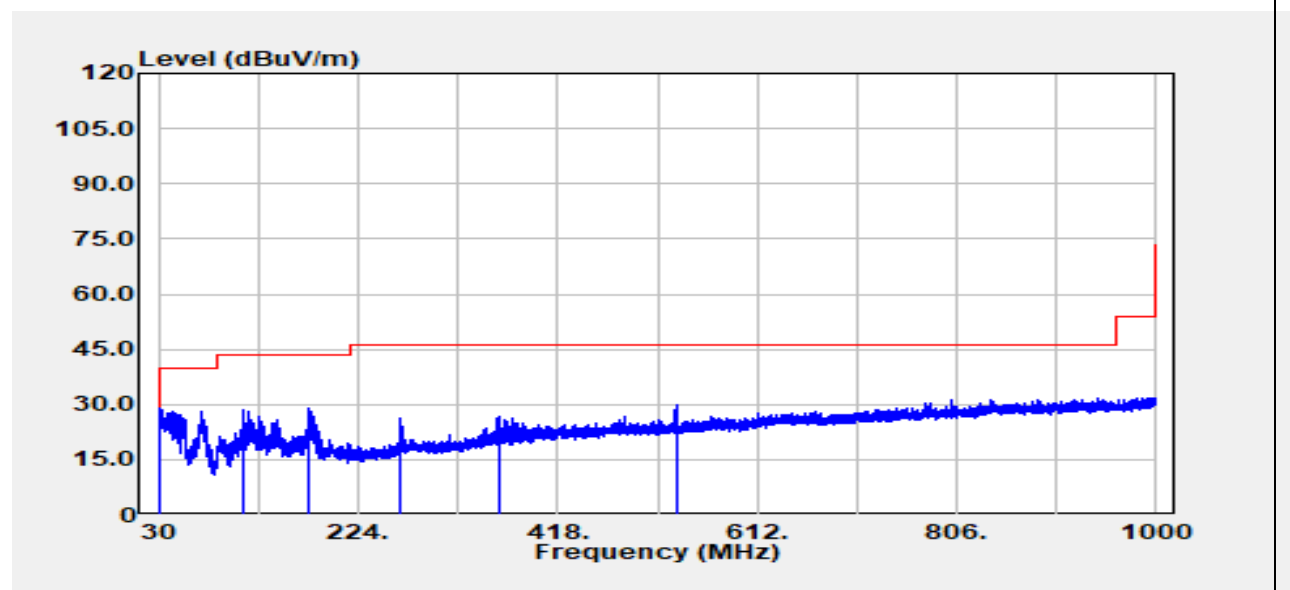


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 38.97        | Peak                         | 36.94                             | -9.27        | 27.66                  | 40.00                  | -12.34       |
| 127.61       | Peak                         | 42.56                             | -9.40        | 33.16                  | 43.50                  | -10.34       |
| 176.35       | Peak                         | 42.01                             | -11.64       | 30.38                  | 43.50                  | -13.12       |
| 264.01       | Peak                         | 38.02                             | -9.44        | 28.58                  | 46.00                  | -17.42       |
| 360.04       | Peak                         | 36.92                             | -7.44        | 29.48                  | 46.00                  | -16.52       |
| 797.76       | Peak                         | 30.83                             | 1.05         | 31.88                  | 46.00                  | -14.12       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

## Test Data for U-NII-2a

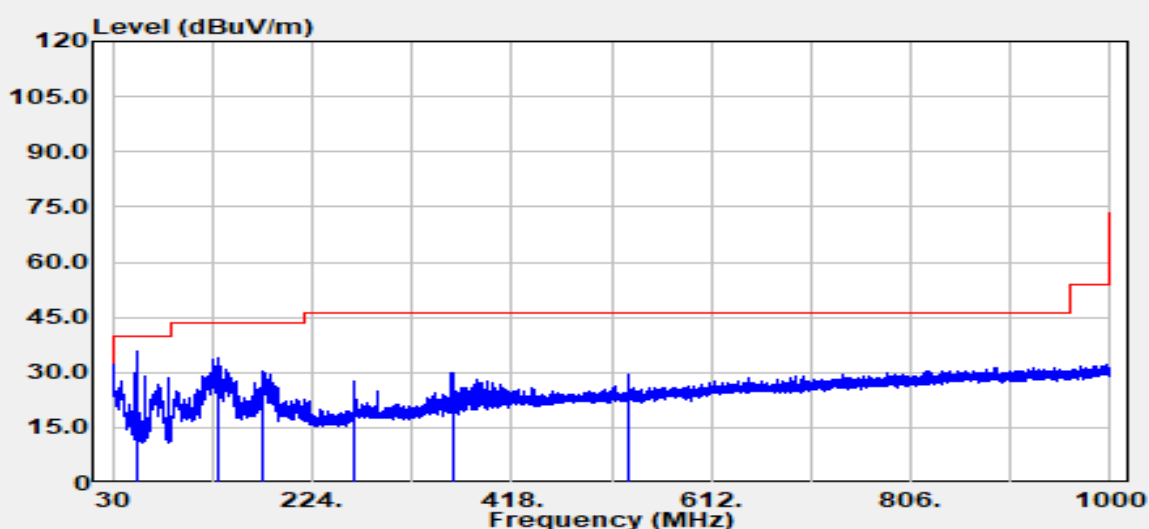
|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5320MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz             | Test Date     | October 28, 2022 |
| Polarize  | Vertical               | Test Engineer | Tony Chao        |
| Detector  | Peak                   |               |                  |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 32.06        | Peak                         | 32.54                             | -3.78        | 28.76                  | 40.00                  | -11.24       |
| 112.69       | Peak                         | 38.74                             | -10.15       | 28.60                  | 43.50                  | -14.90       |
| 176.11       | Peak                         | 40.42                             | -11.64       | 28.79                  | 43.50                  | -14.71       |
| 264.01       | Peak                         | 35.72                             | -9.44        | 26.28                  | 46.00                  | -19.72       |
| 360.04       | Peak                         | 34.09                             | -7.44        | 26.66                  | 46.00                  | -19.34       |
| 532.82       | Peak                         | 33.19                             | -3.33        | 29.86                  | 46.00                  | -16.14       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5320MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz             | Test Date     | October 28, 2022 |
| Polarize  | Horizontal             | Test Engineer | Tony Chao        |
| Detector  | Peak                   |               |                  |

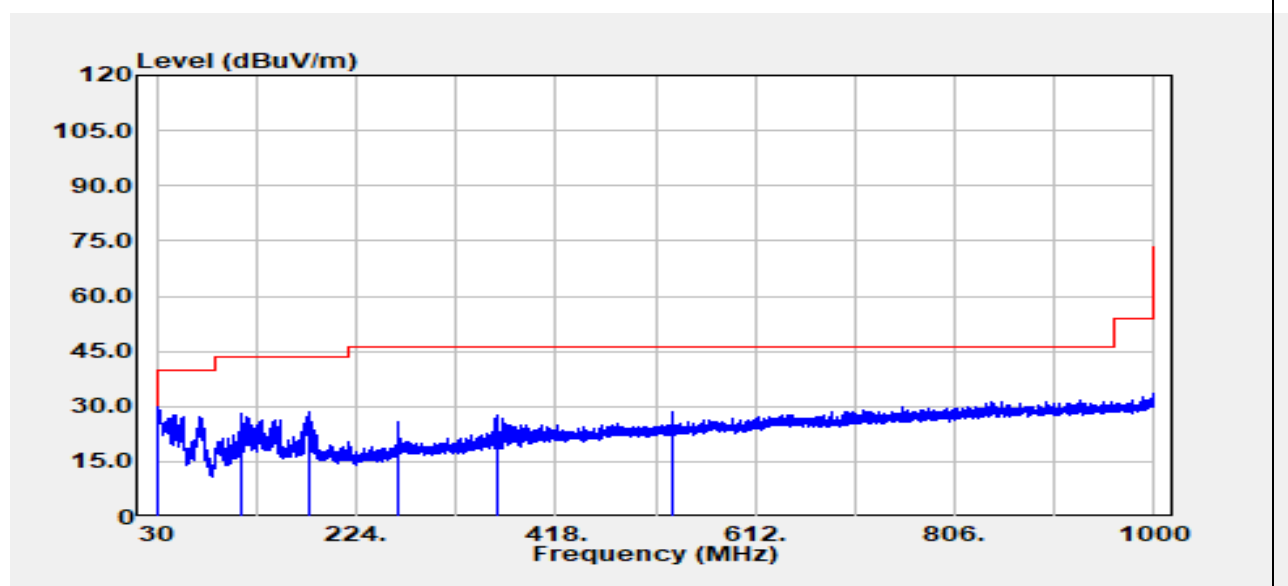


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 54.37        | Peak                         | 52.08                             | -16.37       | 35.71                  | 40.00                  | -4.29        |
| 131.73       | Peak                         | 43.67                             | -9.63        | 34.04                  | 43.50                  | -9.46        |
| 176.83       | Peak                         | 42.02                             | -11.64       | 30.39                  | 43.50                  | -13.11       |
| 264.01       | Peak                         | 37.03                             | -9.44        | 27.59                  | 46.00                  | -18.41       |
| 360.04       | Peak                         | 37.27                             | -7.44        | 29.83                  | 46.00                  | -16.17       |
| 532.58       | Peak                         | 32.54                             | -3.33        | 29.21                  | 46.00                  | -16.79       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

### Test Data for U-NII-2c

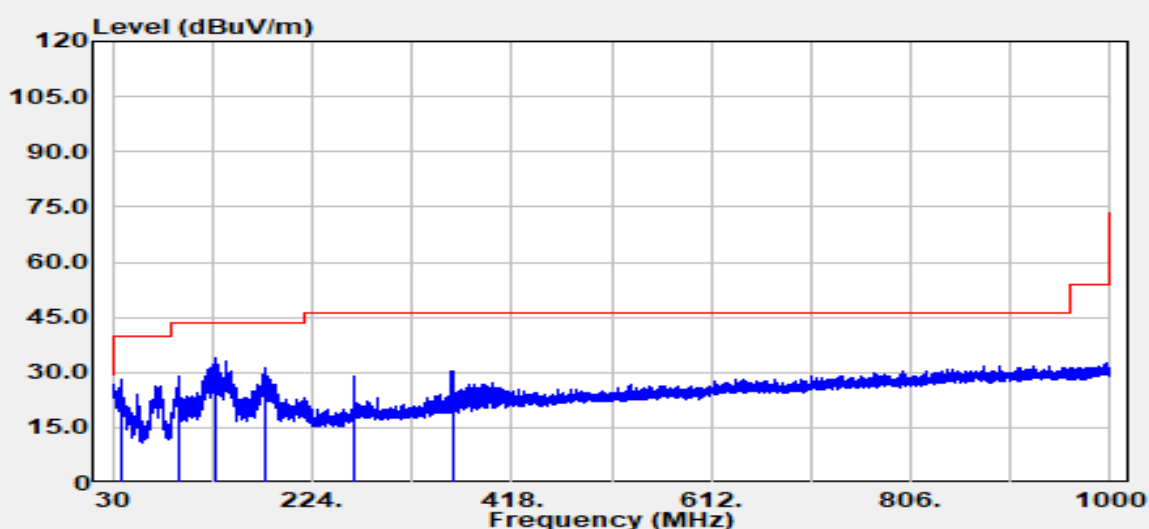
|           |                             |               |                  |
|-----------|-----------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n HT20 / 5500MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz                  | Test Date     | October 28, 2022 |
| Polarize  | Vertical                    | Test Engineer | Tony Chao        |
| Detector  | Peak                        |               |                  |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 32.18        | Peak                         | 33.55                             | -3.89        | 29.67                  | 40.00                  | -10.33       |
| 112.69       | Peak                         | 38.28                             | -10.15       | 28.14                  | 43.50                  | -15.36       |
| 177.56       | Peak                         | 40.13                             | -11.69       | 28.44                  | 43.50                  | -15.06       |
| 264.01       | Peak                         | 35.34                             | -9.44        | 25.90                  | 46.00                  | -20.10       |
| 360.04       | Peak                         | 34.93                             | -7.44        | 27.49                  | 46.00                  | -18.51       |
| 531.98       | Peak                         | 31.89                             | -3.33        | 28.56                  | 46.00                  | -17.44       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

|           |                             |               |                  |
|-----------|-----------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n HT20 / 5500MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz                  | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                  | Test Engineer | Tony Chao        |
| Detector  | Peak                        |               |                  |

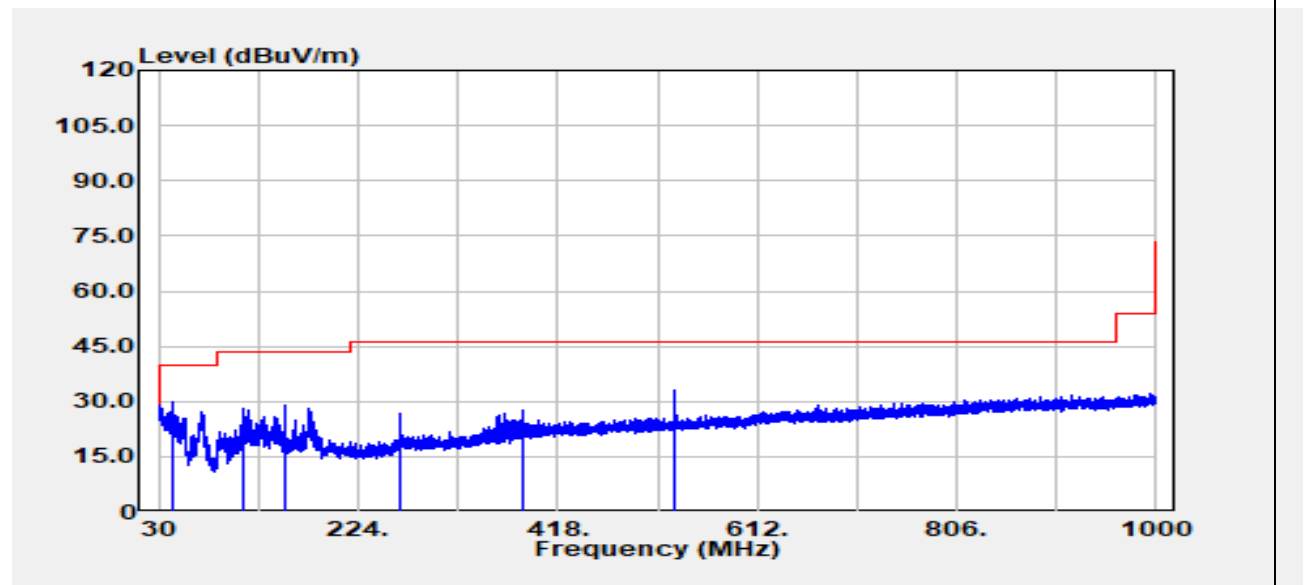


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 38.85        | Peak                         | 37.25                             | -9.16        | 28.09                  | 40.00                  | -11.91       |
| 94.26        | Peak                         | 43.65                             | -14.76       | 28.90                  | 43.50                  | -14.60       |
| 131.00       | Peak                         | 43.12                             | -9.34        | 33.78                  | 43.50                  | -9.72        |
| 177.68       | Peak                         | 43.02                             | -11.70       | 31.32                  | 43.50                  | -12.18       |
| 264.01       | Peak                         | 38.51                             | -9.44        | 29.08                  | 46.00                  | -16.92       |
| 360.04       | Peak                         | 37.85                             | -7.44        | 30.41                  | 46.00                  | -15.59       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

### Test Data for U-NII-3

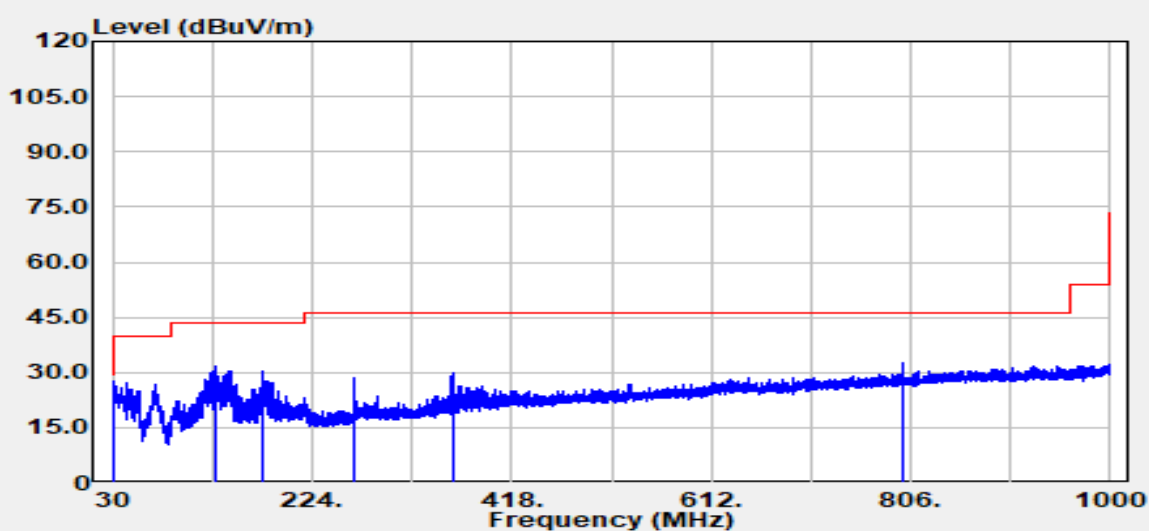
|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5745MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz             | Test Date     | October 28, 2022 |
| Polarize  | Vertical               | Test Engineer | Tony Chao        |
| Detector  | Peak                   |               |                  |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 43.10        | Peak                         | 41.94                             | -11.98       | 29.95                  | 40.00                  | -10.05       |
| 112.69       | Peak                         | 38.31                             | -10.15       | 28.17                  | 43.50                  | -15.33       |
| 152.34       | Peak                         | 39.61                             | -10.63       | 28.98                  | 43.50                  | -14.52       |
| 264.01       | Peak                         | 36.27                             | -9.44        | 26.83                  | 46.00                  | -19.17       |
| 384.05       | Peak                         | 34.43                             | -6.67        | 27.76                  | 46.00                  | -18.24       |
| 531.01       | Peak                         | 36.25                             | -3.34        | 32.91                  | 46.00                  | -13.09       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5745MHz | Temp/Hum      | 24.5(°C)/ 62%RH  |
| Test Item | 30MHz-1GHz             | Test Date     | October 28, 2022 |
| Polarize  | Horizontal             | Test Engineer | Tony Chao        |
| Detector  | Peak                   |               |                  |



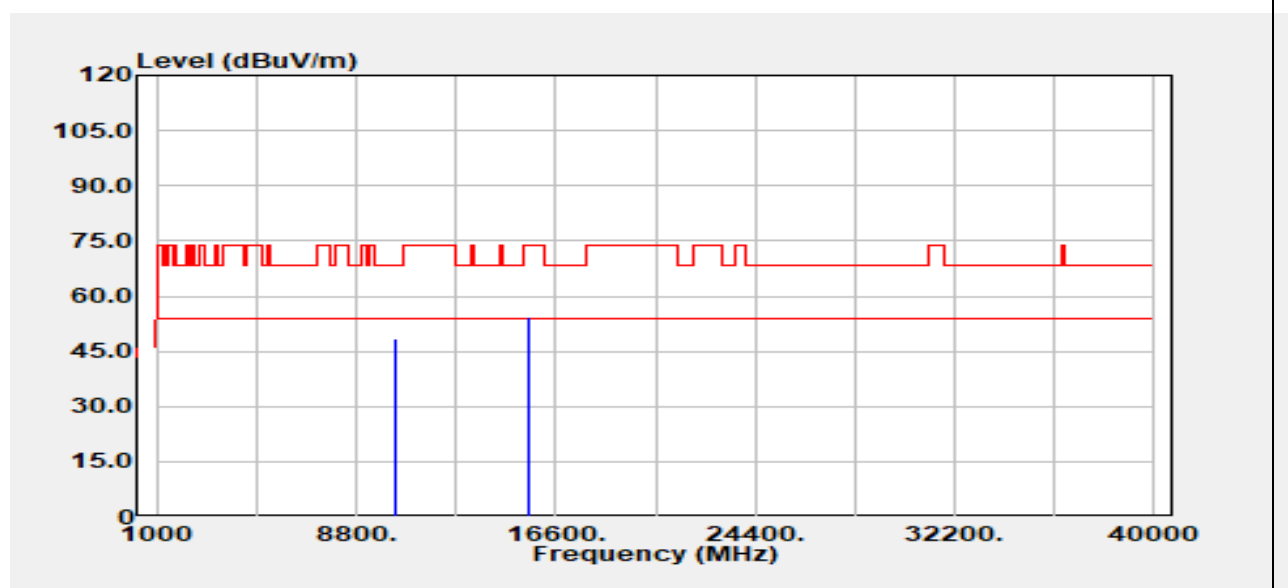
| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 32.06        | Peak                         | 31.49                             | -3.78        | 27.72                  | 40.00                  | -12.28       |
| 131.00       | Peak                         | 40.83                             | -9.34        | 31.49                  | 43.50                  | -12.01       |
| 176.59       | Peak                         | 42.18                             | -11.64       | 30.54                  | 43.50                  | -12.96       |
| 264.01       | Peak                         | 38.08                             | -9.44        | 28.64                  | 46.00                  | -17.36       |
| 360.04       | Peak                         | 37.43                             | -7.44        | 29.99                  | 46.00                  | -16.01       |
| 799.33       | Peak                         | 31.35                             | 1.06         | 32.41                  | 46.00                  | -13.59       |

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

## Above 1G

### Test Data for UNII-1

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5180MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Harmonic               | Test Date     | October 27, 2022 |
| Polarize  | Vertical               | Test Engineer | Ray Li           |
| Detector  | Peak & Average         |               |                  |

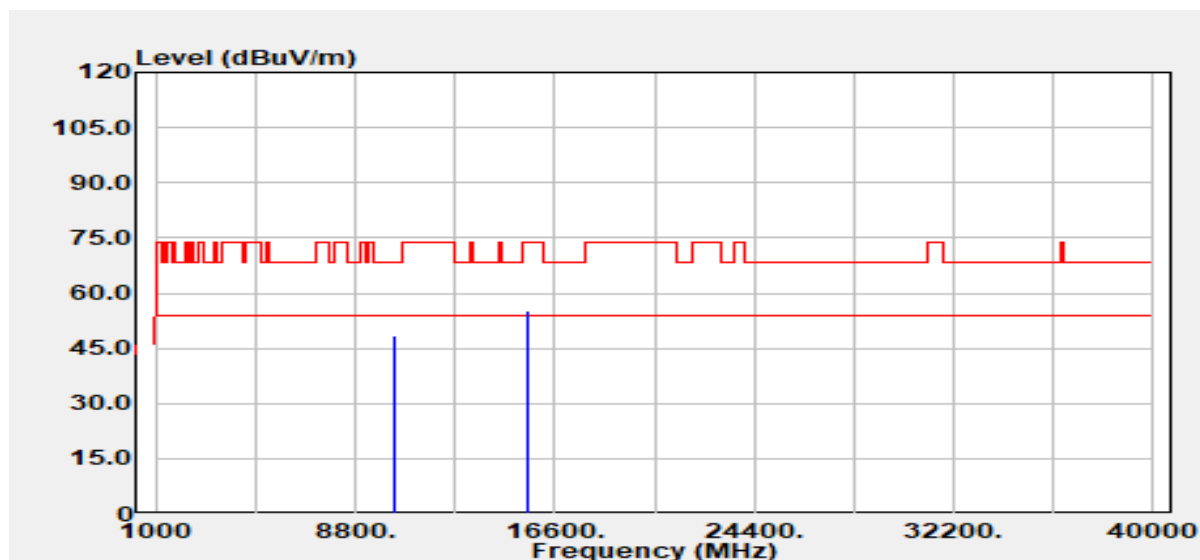


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10360.00     | Peak                         | 29.97                             | 18.27        | 48.24                  | 68.20                  | -19.96       |
| 15540.00     | Peak                         | 32.14                             | 22.34        | 54.48                  | 74.00                  | -19.52       |
| 15540.00     | Average                      | 24.87                             | 22.34        | 47.20                  | 54.00                  | -6.80        |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5180MHz | Temp/Hum      | 25.2(°C)/ 61%RH  |
| Test Item | Harmonic               | Test Date     | October 27, 2022 |
| Polarize  | Horizontal             | Test Engineer | Ray Li           |
| Detector  | Peak & Average         |               |                  |

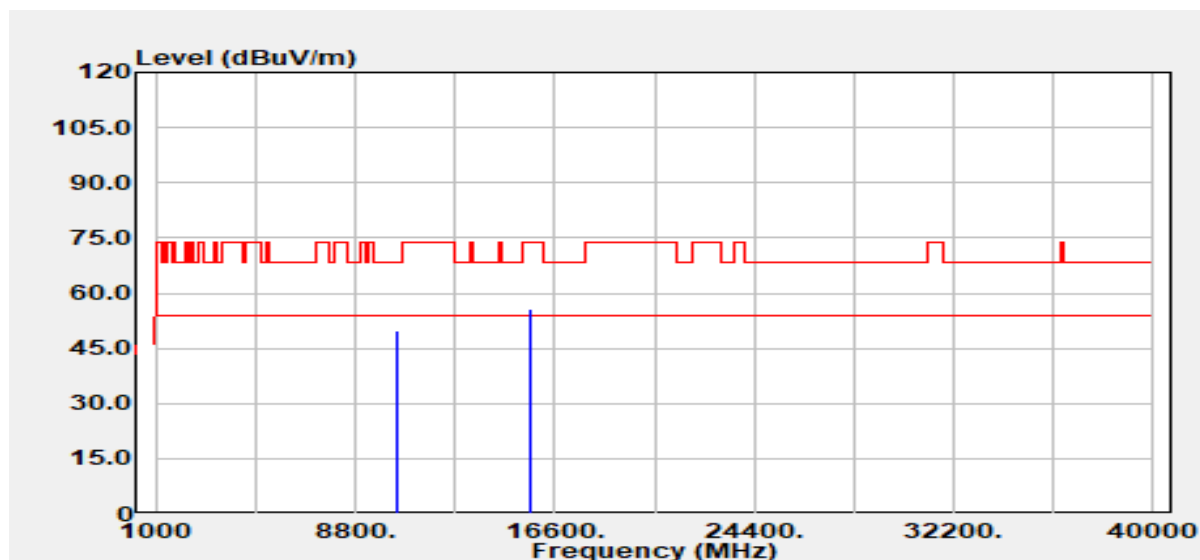


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10360.00     | Peak                         | 30.20                             | 18.27        | 48.47                  | 68.20                  | -19.73       |
| 15540.00     | Peak                         | 32.83                             | 22.34        | 55.16                  | 74.00                  | -18.84       |
| 15540.00     | Average                      | 24.84                             | 22.34        | 47.18                  | 54.00                  | -6.82        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5220 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonics               | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

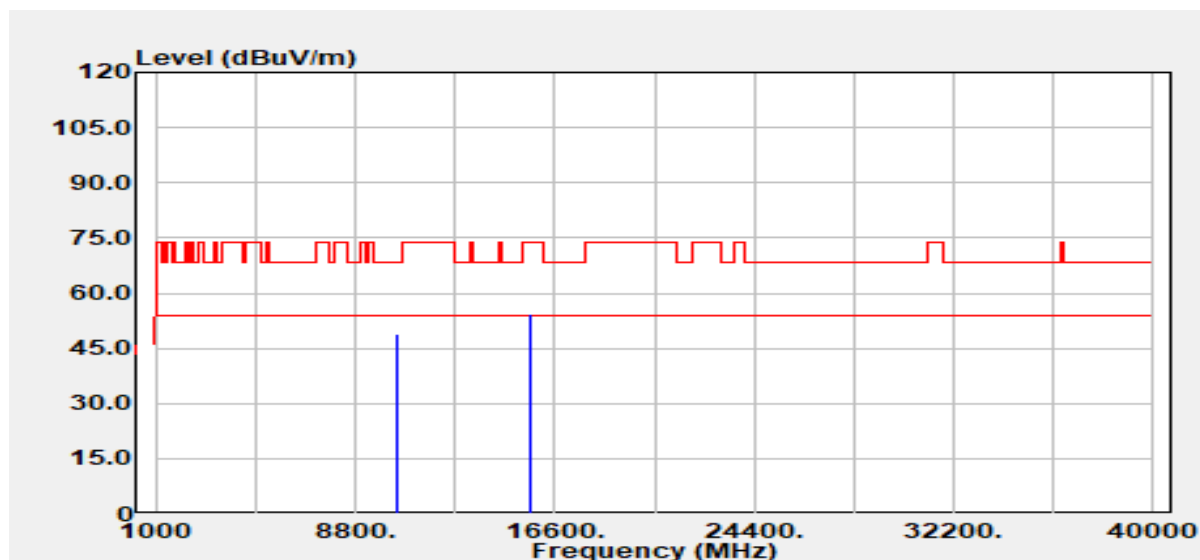


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10440.00     | Peak                         | 31.29                             | 18.35        | 49.64                  | 68.20                  | -18.56       |
| 15660.00     | Peak                         | 33.00                             | 22.55        | 55.56                  | 74.00                  | -18.44       |
| 15660.00     | Average                      | 24.59                             | 22.55        | 47.14                  | 54.00                  | -6.86        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5220 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

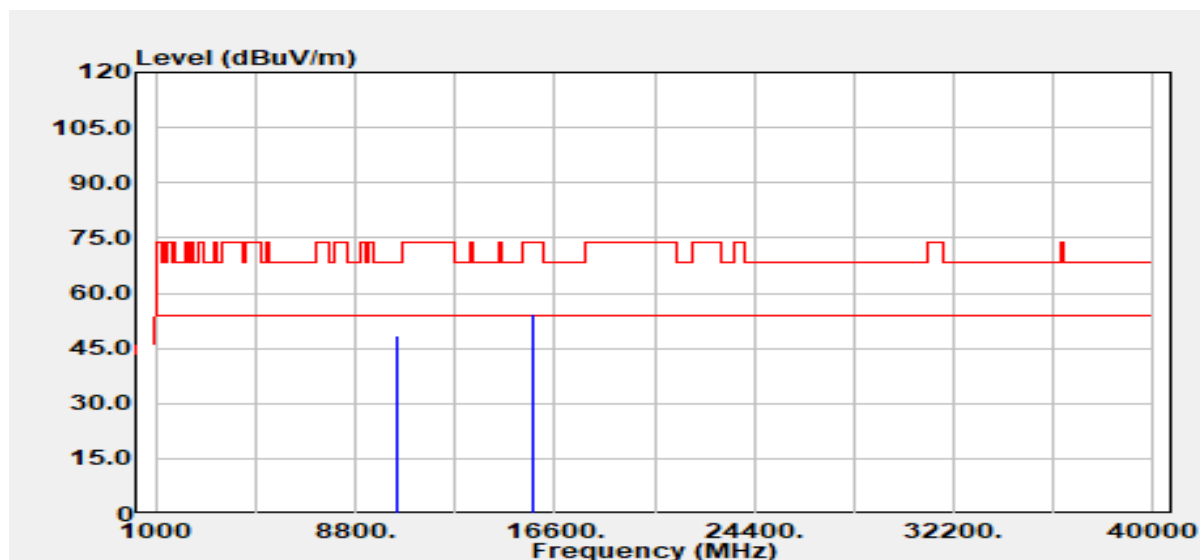


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10440.00     | Peak                         | 30.66                             | 18.35        | 49.01                  | 68.20                  | -19.19       |
| 15660.00     | Peak                         | 31.99                             | 22.55        | 54.55                  | 74.00                  | -19.45       |
| 15660.00     | Average                      | 24.65                             | 22.55        | 47.20                  | 54.00                  | -6.80        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5240MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic               | Test Date     | October 27, 2022 |
| Polarize  | Vertical               | Test Engineer | Tony Chao        |
| Detector  | Peak & Average         |               |                  |

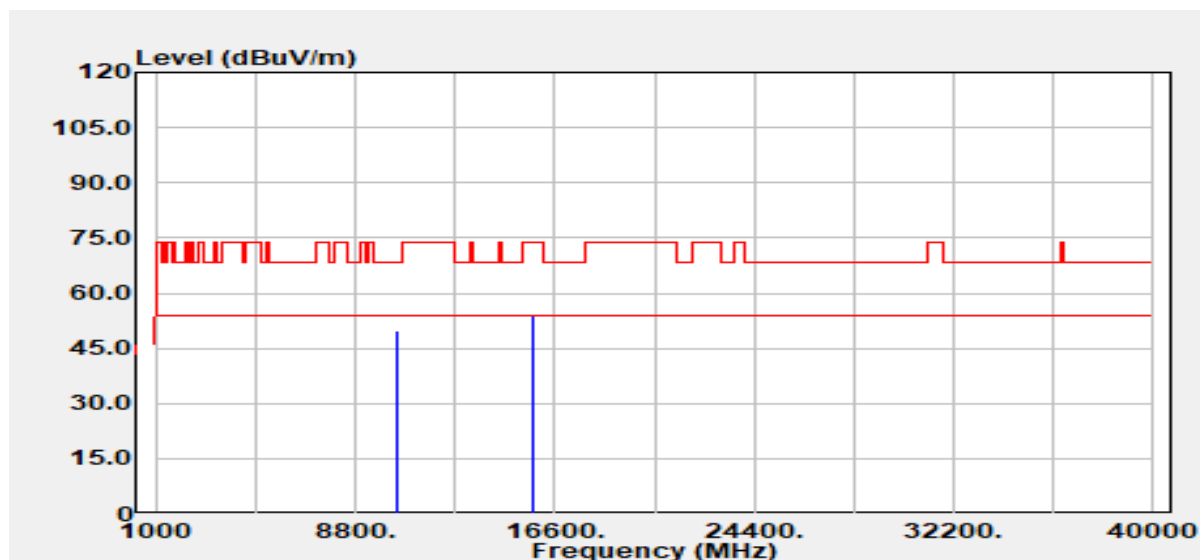


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10480.00     | Peak                         | 29.90                             | 18.39        | 48.28                  | 68.20                  | -19.92       |
| 15720.00     | Peak                         | 31.35                             | 23.12        | 54.47                  | 74.00                  | -19.53       |
| 15720.00     | Average                      | 24.24                             | 23.12        | 47.36                  | 54.00                  | -6.64        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                        |               |                  |
|-----------|------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5240MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic               | Test Date     | October 27, 2022 |
| Polarize  | Horizontal             | Test Engineer | Tony Chao        |
| Detector  | Peak & Average         |               |                  |

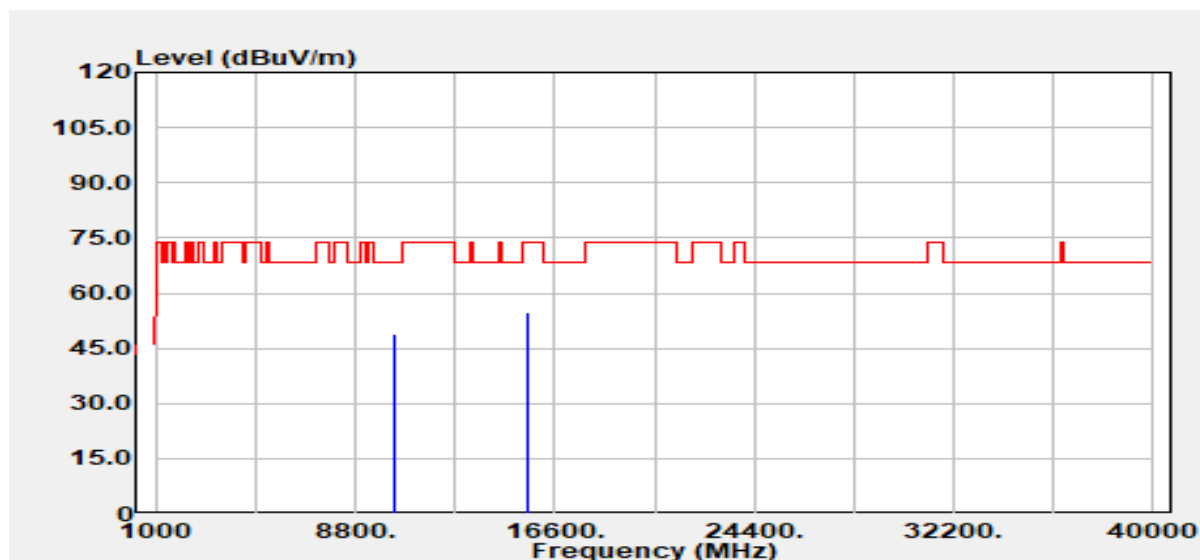


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>@3m<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10480.00     | Peak                         | 31.32                             | 18.39        | 49.71                  | 68.20                  | -18.49       |
| 15720.00     | Peak                         | 30.78                             | 23.12        | 53.90                  | 74.00                  | -20.10       |
| 15720.00     | Average                      | 23.95                             | 23.12        | 47.07                  | 54.00                  | -6.93        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5180MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Vertical                      | Test Engineer | Tony Chao        |
| Detector  | Peak & Average                |               |                  |

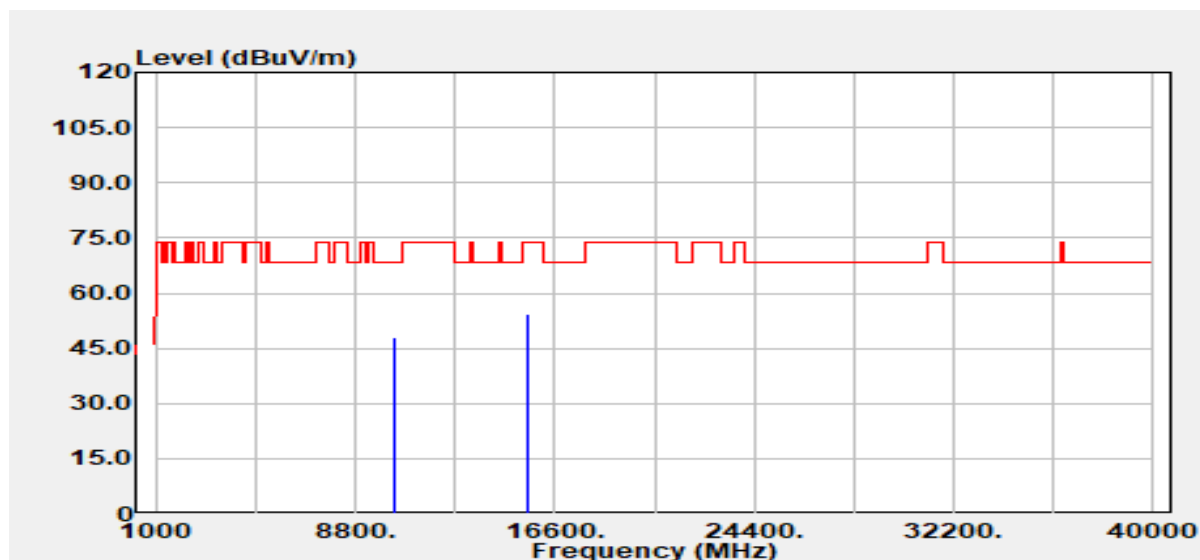


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10360.00     | Peak                         | 30.48                             | 18.27        | 48.75                  | 68.20                  | -19.45       |
| 15540.00     | Peak                         | 32.53                             | 22.34        | 54.86                  | 74.00                  | -19.14       |
| 15540.00     | Average                      | 23.42                             | 22.34        | 45.76                  | 74.00                  | -28.24       |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                 |               |                  |
|-----------|---------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz/<br>5180MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                        | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                      | Test Engineer | Tony Chao        |
| Detector  | Peak & Average                  |               |                  |

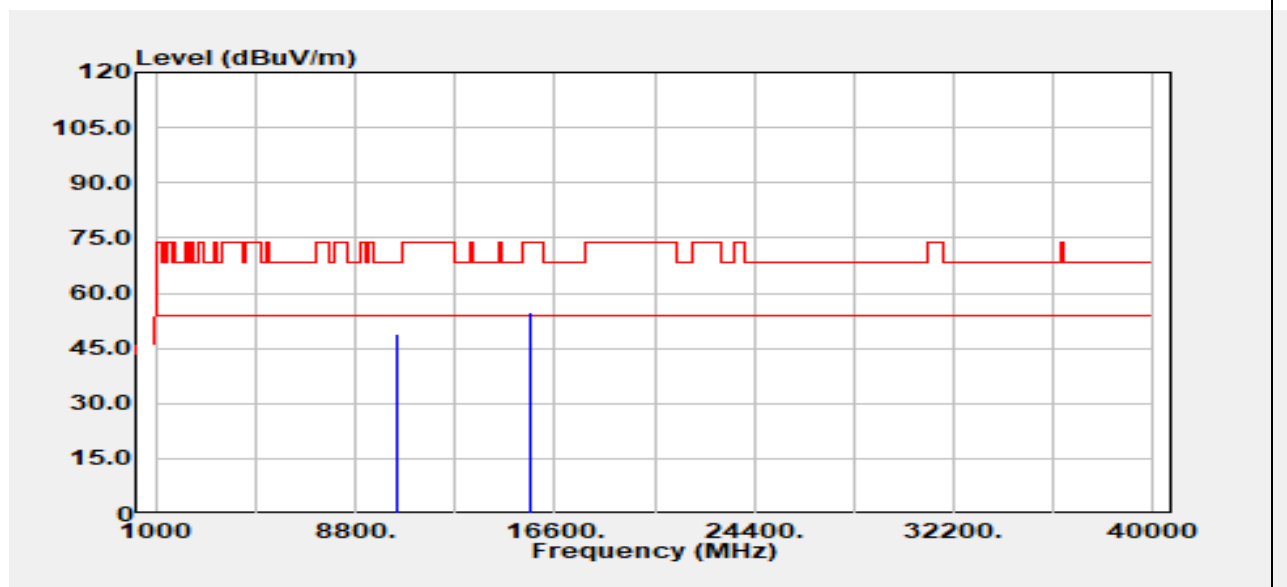


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10360.00     | Peak                         | 29.65                             | 18.27        | 47.92                  | 68.20                  | -20.28       |
| 15540.00     | Peak                         | 31.97                             | 22.34        | 54.31                  | 74.00                  | -19.69       |
| 15540.00     | Average                      | 23.52                             | 22.34        | 45.86                  | 74.00                  | -28.14       |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5220MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

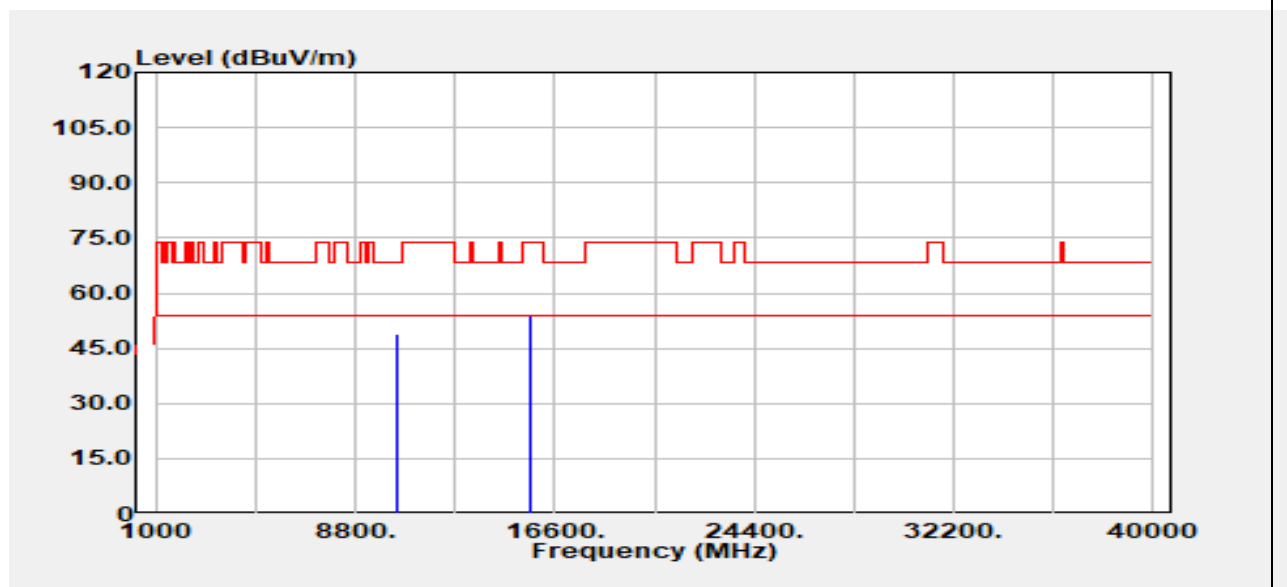


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10440.00     | Peak                         | 30.73                             | 18.35        | 49.07                  | 68.20                  | -19.13       |
| 15660.00     | Peak                         | 32.26                             | 22.55        | 54.82                  | 74.00                  | -19.18       |
| 15660.00     | Average                      | 24.28                             | 22.55        | 46.83                  | 54.00                  | -7.17        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5220MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

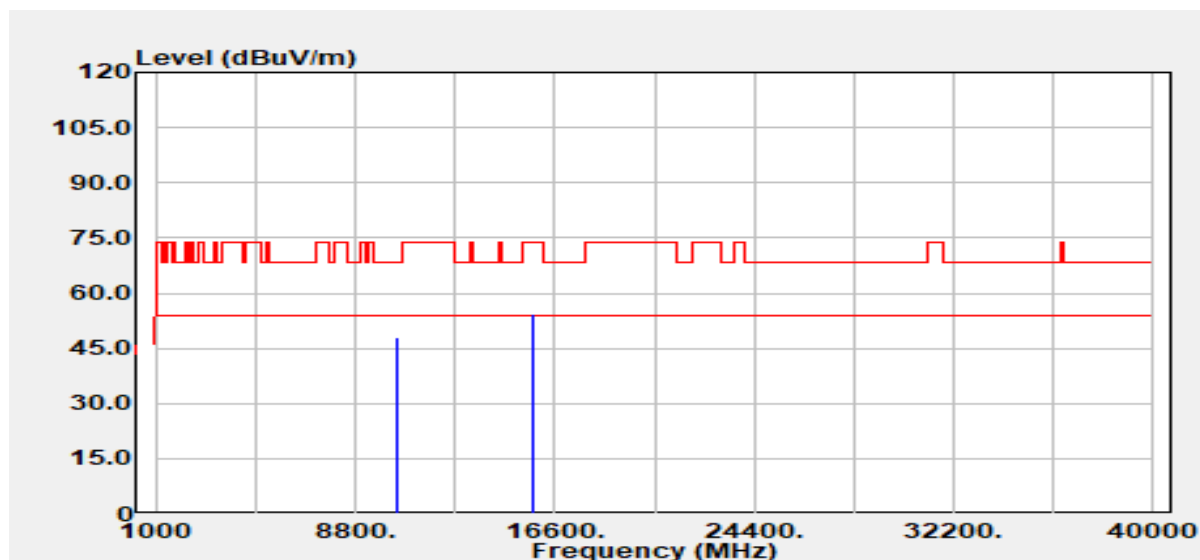


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10440.00     | Peak                         | 30.65                             | 18.35        | 49.00                  | 68.20                  | -19.20       |
| 15660.00     | Peak                         | 31.19                             | 22.55        | 53.74                  | 74.00                  | -20.26       |
| 15660.00     | Average                      | 24.37                             | 22.55        | 46.93                  | 54.00                  | -7.07        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz,the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5240MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

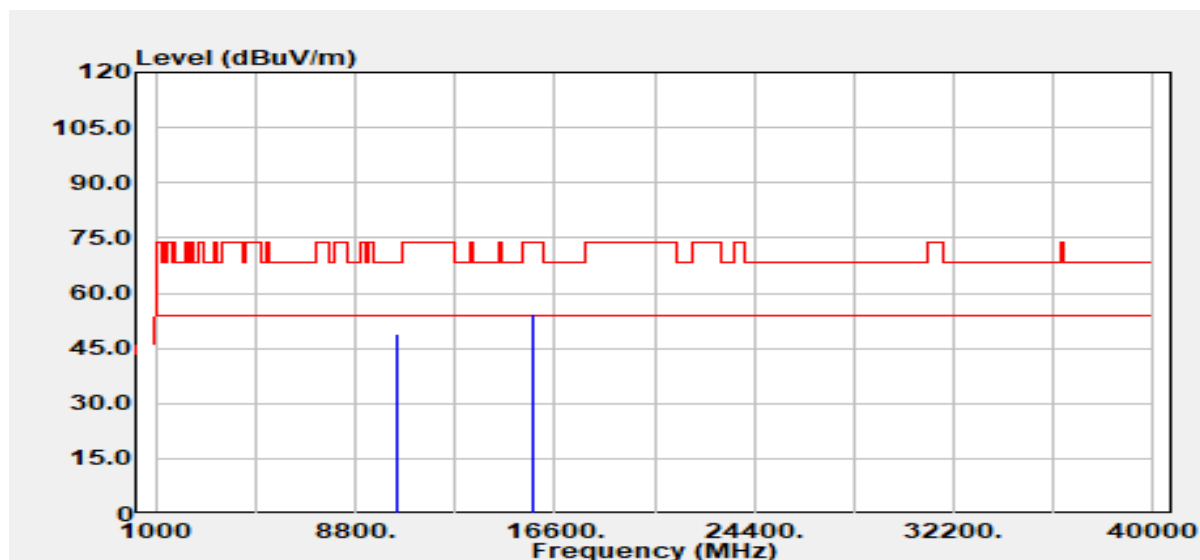


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10480.00     | Peak                         | 29.67                             | 18.39        | 48.06                  | 68.20                  | -20.14       |
| 15720.00     | Peak                         | 31.41                             | 23.12        | 54.53                  | 74.00                  | -19.47       |
| 15720.00     | Average                      | 23.95                             | 23.12        | 47.07                  | 54.00                  | -6.93        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5240MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

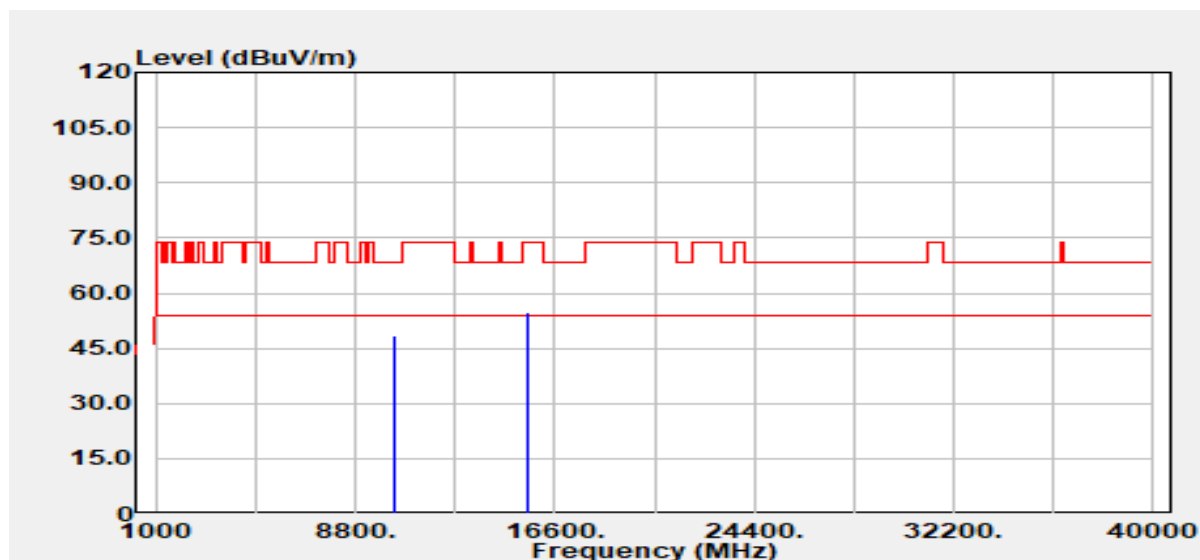


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10480.00     | Peak                         | 30.44                             | 18.39        | 48.83                  | 68.20                  | -19.37       |
| 15720.00     | Peak                         | 31.00                             | 23.12        | 54.13                  | 74.00                  | -19.87       |
| 15720.00     | Average                      | 23.91                             | 23.12        | 47.03                  | 54.00                  | -6.97        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5190MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

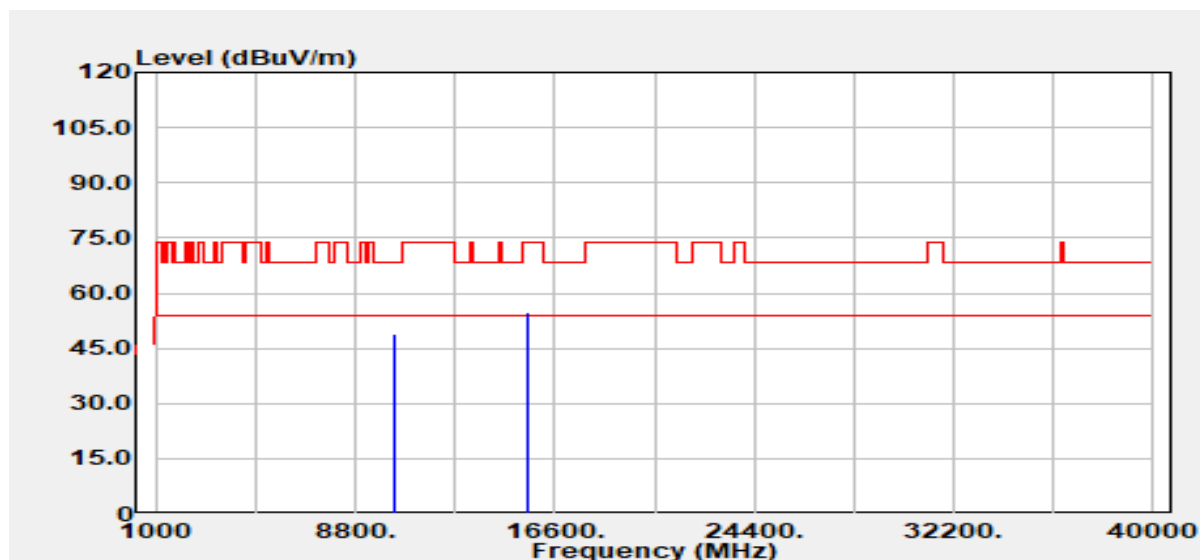


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10380.00     | Peak                         | 30.02                             | 18.26        | 48.29                  | 68.20                  | -19.91       |
| 15570.00     | Peak                         | 32.65                             | 22.26        | 54.91                  | 74.00                  | -19.09       |
| 15570.00     | Average                      | 24.83                             | 22.26        | 47.08                  | 54.00                  | -6.92        |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5190MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

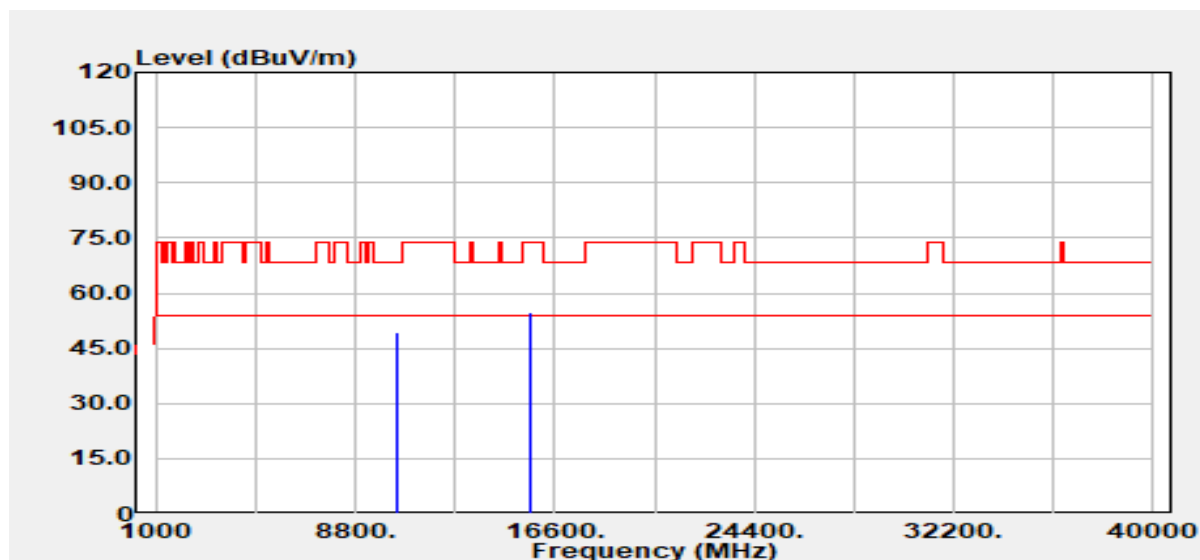


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10380.00     | Peak                         | 30.54                             | 18.26        | 48.80                  | 68.20                  | -19.40       |
| 15570.00     | Peak                         | 32.47                             | 22.26        | 54.73                  | 74.00                  | -19.27       |
| 15570.00     | Average                      | 24.88                             | 22.26        | 47.14                  | 54.00                  | -6.86        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5230MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

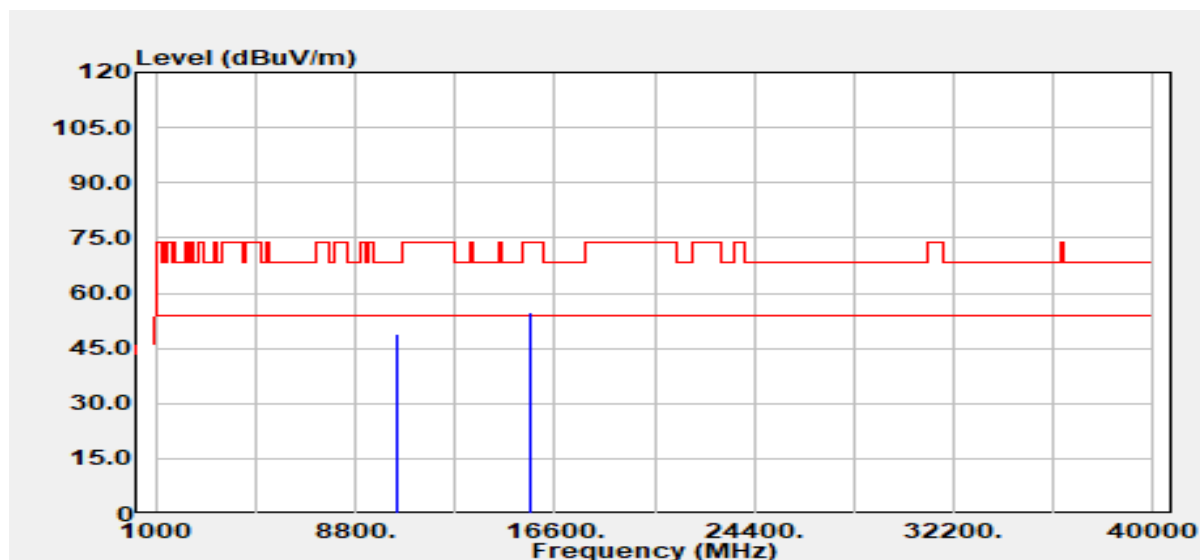


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 10460.00     | Peak                         | 30.87                                   | 18.38        | 49.25                        | 68.20                        | -18.95       |
| 15690.00     | Peak                         | 31.65                                   | 22.92        | 54.57                        | 74.00                        | -19.43       |
| 15690.00     | Average                      | 24.12                                   | 22.92        | 47.03                        | 54.00                        | -6.97        |
| N/A          |                              |                                         |              |                              |                              |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5230MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

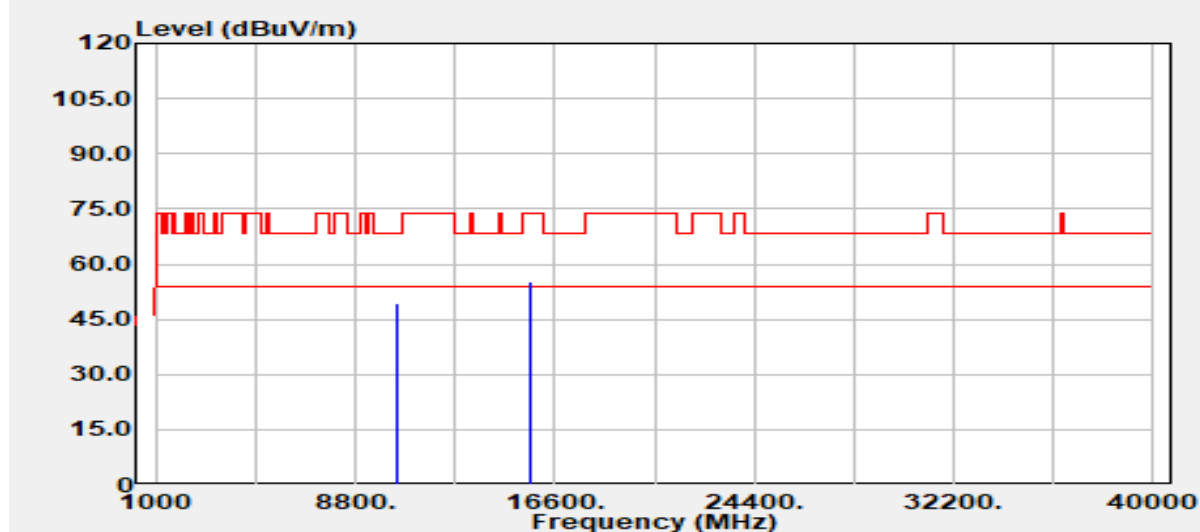


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 10460.00     | Peak                         | 30.32                                   | 18.38        | 48.69                        | 68.20                        | -19.51       |
| 15690.00     | Peak                         | 32.05                                   | 22.92        | 54.97                        | 74.00                        | -19.03       |
| 15690.00     | Average                      | 24.14                                   | 22.92        | 47.06                        | 54.00                        | -6.94        |
| N/A          |                              |                                         |              |                              |                              |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5210MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 28, 2022 |
| Polarize  | Vertical                      | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |

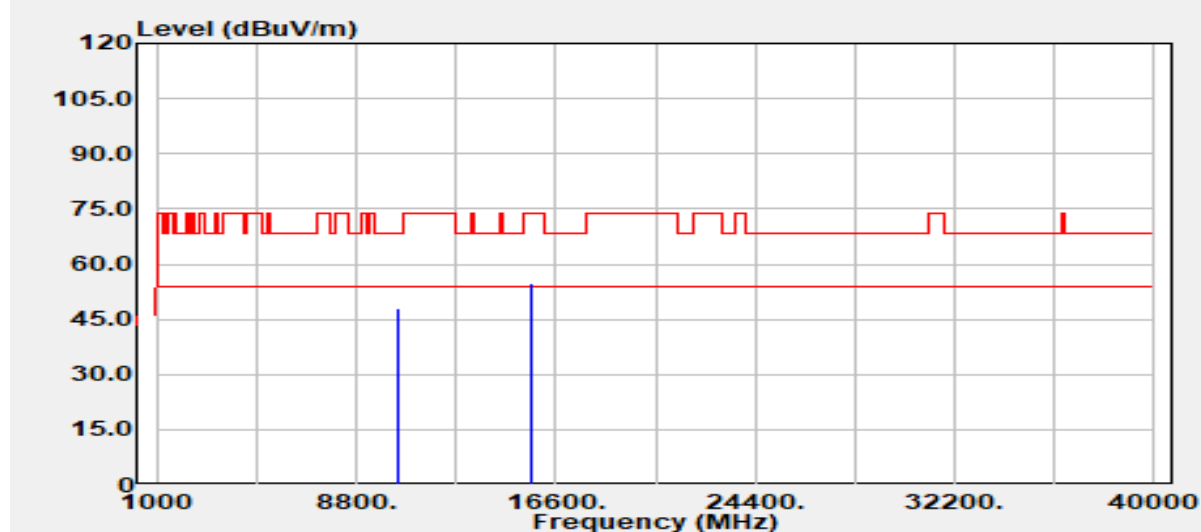


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10420.00     | Peak                         | 31.03                             | 18.30        | 49.33                  | 68.20                  | -18.87       |
| 15630.00     | Peak                         | 32.70                             | 22.32        | 55.02                  | 74.00                  | -18.98       |
| 15630.00     | Average                      | 24.67                             | 22.32        | 46.99                  | 54.00                  | -7.01        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                               |               |                  |
|-----------|-------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5210MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                      | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                    | Test Engineer | Ray Li           |
| Detector  | Peak & Average                |               |                  |



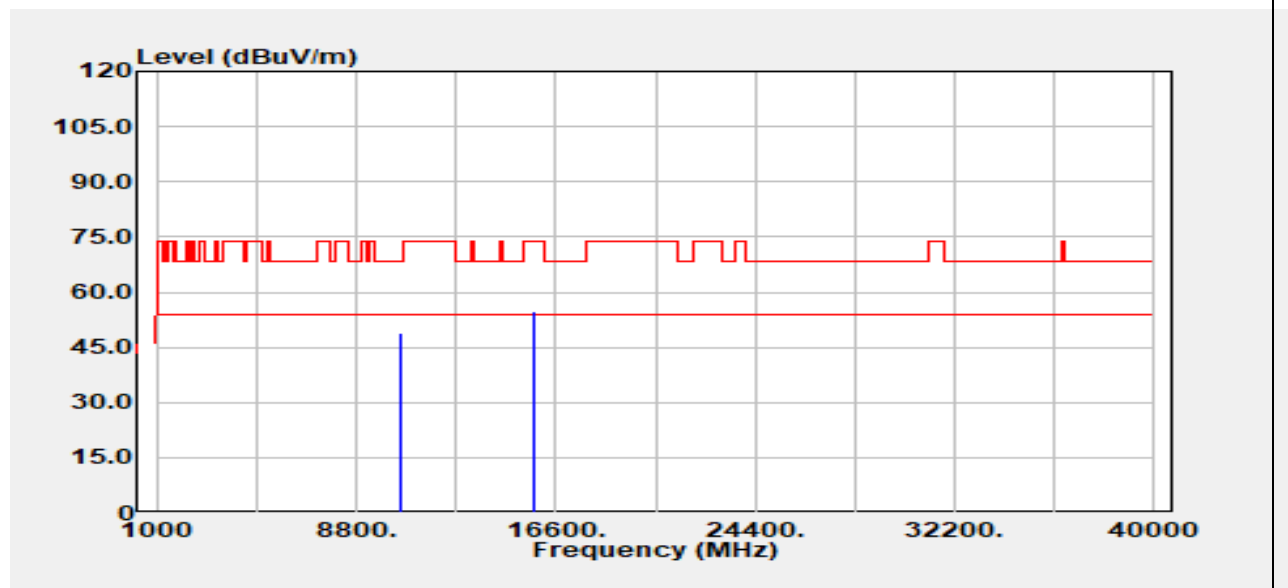
| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10420.00     | Peak                         | 29.58                             | 18.30        | 47.88                  | 68.20                  | -20.32       |
| 15630.00     | Peak                         | 32.46                             | 22.32        | 54.77                  | 74.00                  | -19.23       |
| 15630.00     | Average                      | 24.74                             | 22.32        | 47.06                  | 54.00                  | -6.94        |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

### Test Data for UNII-2a

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5260 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

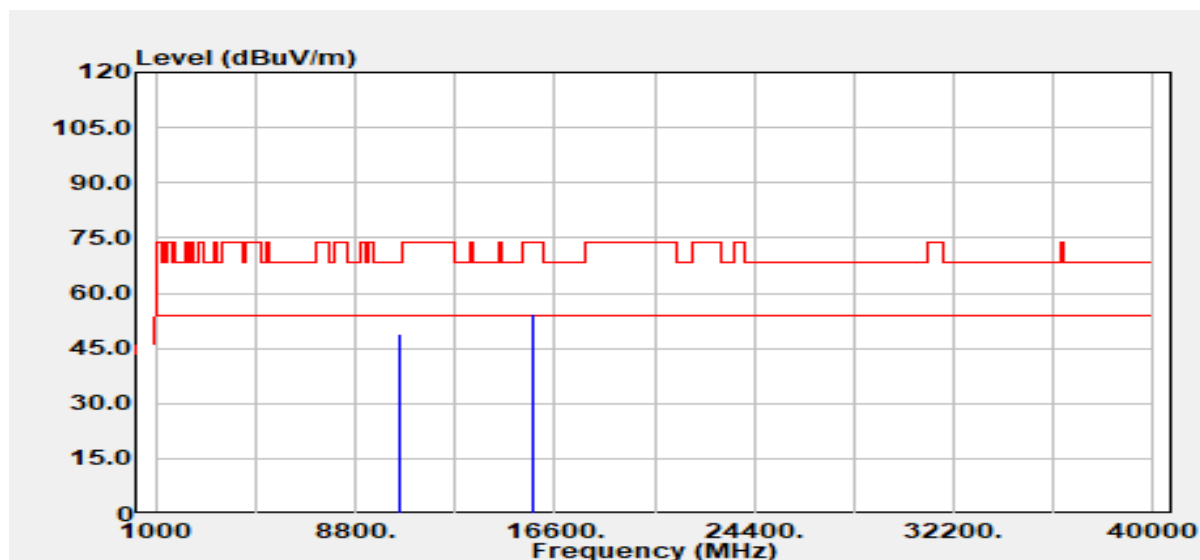


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10520.00     | Peak                         | 30.49                             | 18.42        | 48.91                  | 68.20                  | -19.29       |
| 15780.00     | Peak                         | 31.44                             | 23.49        | 54.93                  | 74.00                  | -19.07       |
| 15780.00     | Average                      | 23.05                             | 23.49        | 46.54                  | 54.00                  | -7.46        |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5260 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

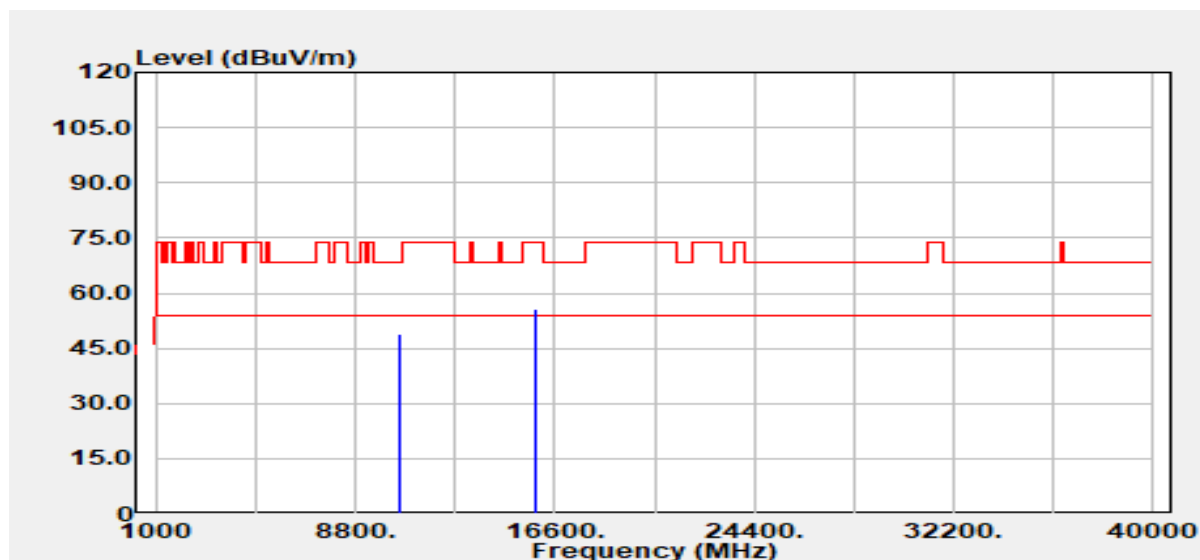


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10520.00     | Peak                         | 30.26                             | 18.42        | 48.68                  | 68.20                  | -19.52       |
| 15780.00     | Peak                         | 30.77                             | 23.49        | 54.26                  | 74.00                  | -19.74       |
| 15780.00     | Average                      | 23.71                             | 23.49        | 47.20                  | 54.00                  | -6.80        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5280 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

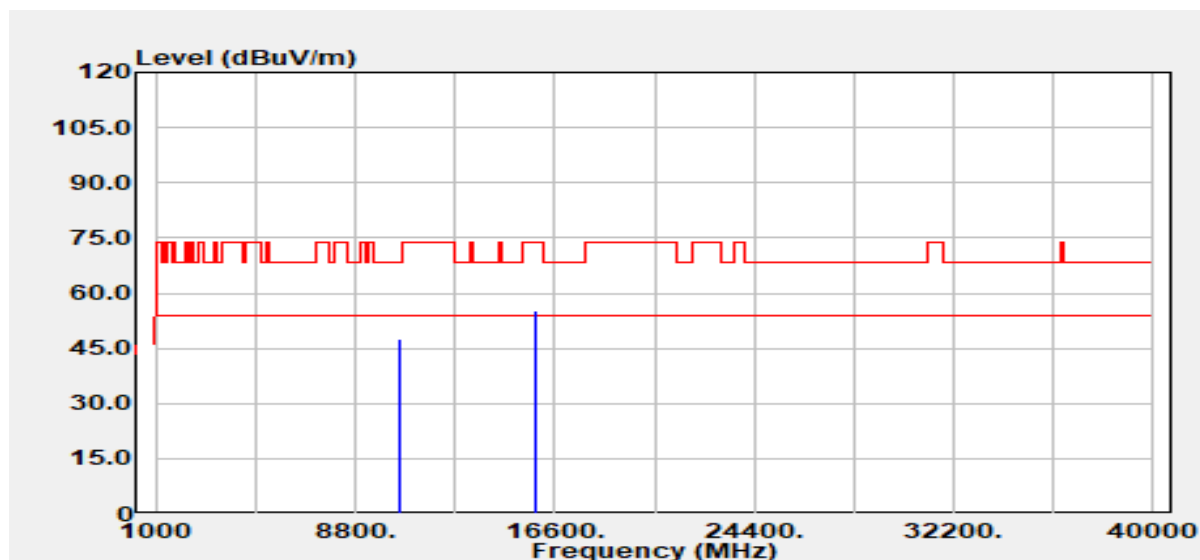


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10560.00     | Peak                         | 30.36                             | 18.47        | 48.83                  | 68.20                  | -19.37       |
| 15840.00     | Peak                         | 32.06                             | 23.71        | 55.77                  | 74.00                  | -18.23       |
| 15840.00     | Average                      | 21.87                             | 23.71        | 45.58                  | 54.00                  | -8.42        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5280 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

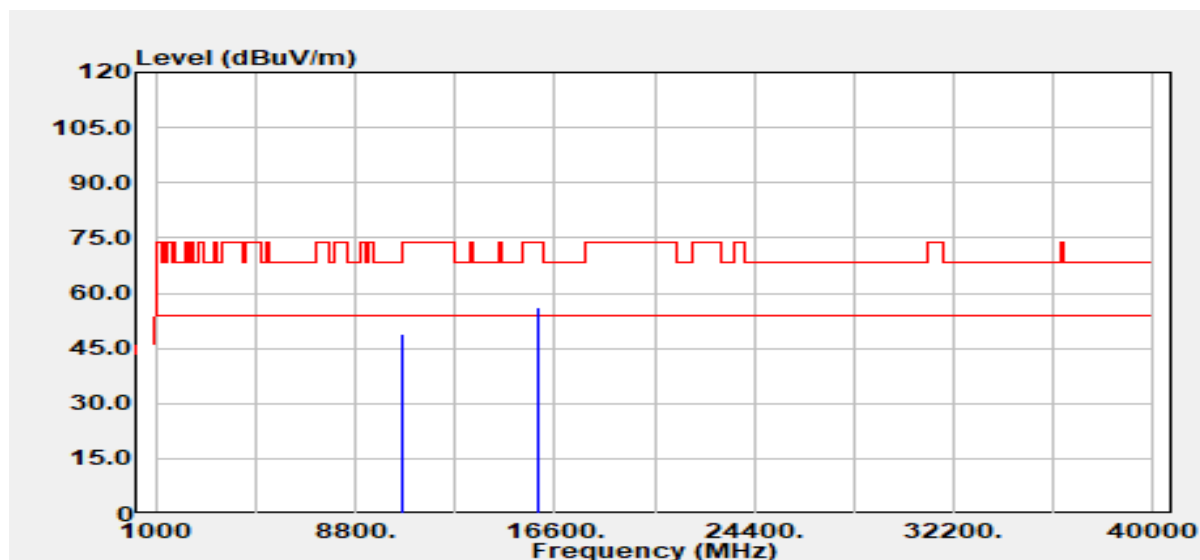


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>@3m<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10560.00     | Peak                         | 29.23                             | 18.47        | 47.69                  | 68.20                  | -20.51       |
| 15840.00     | Peak                         | 31.34                             | 23.71        | 55.06                  | 74.00                  | -18.94       |
| 15840.00     | Average                      | 22.09                             | 23.71        | 45.80                  | 54.00                  | -8.20        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

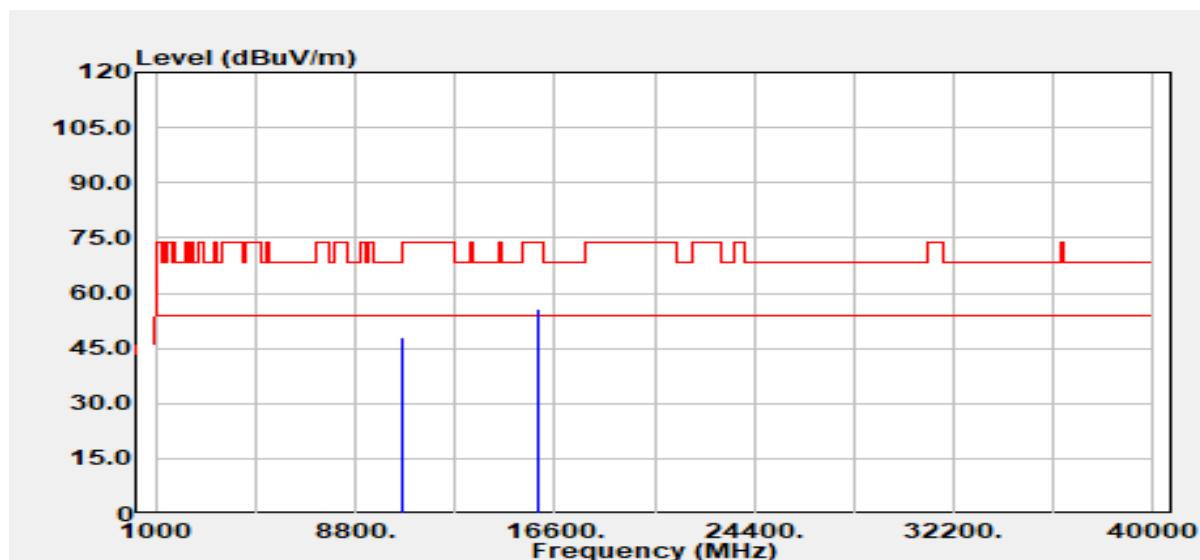


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10640.00     | Peak                         | 30.22                             | 18.57        | 48.79                  | 74.00                  | -25.21       |
| 10640.00     | Average                      | 22.09                             | 18.57        | 40.66                  | 54.00                  | -13.34       |
| 15960.00     | Peak                         | 31.60                             | 24.52        | 56.11                  | 74.00                  | -17.89       |
| 15960.00     | Average                      | 23.34                             | 24.52        | 47.86                  | 54.00                  | -6.14        |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

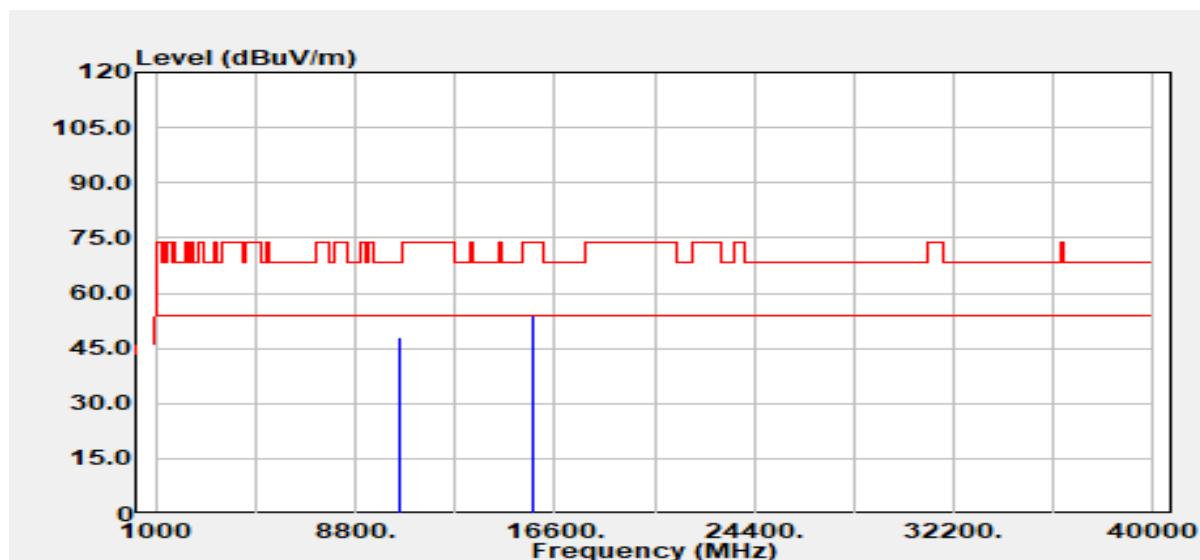


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10640.00     | Peak                         | 29.52                             | 18.57        | 48.09                  | 74.00                  | -25.91       |
| 10640.00     | Average                      | 20.67                             | 18.57        | 39.24                  | 54.00                  | -14.76       |
| 15960.00     | Peak                         | 31.02                             | 24.52        | 55.53                  | 74.00                  | -18.47       |
| 15960.00     | Average                      | 23.43                             | 24.52        | 47.95                  | 54.00                  | -6.05        |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5260 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

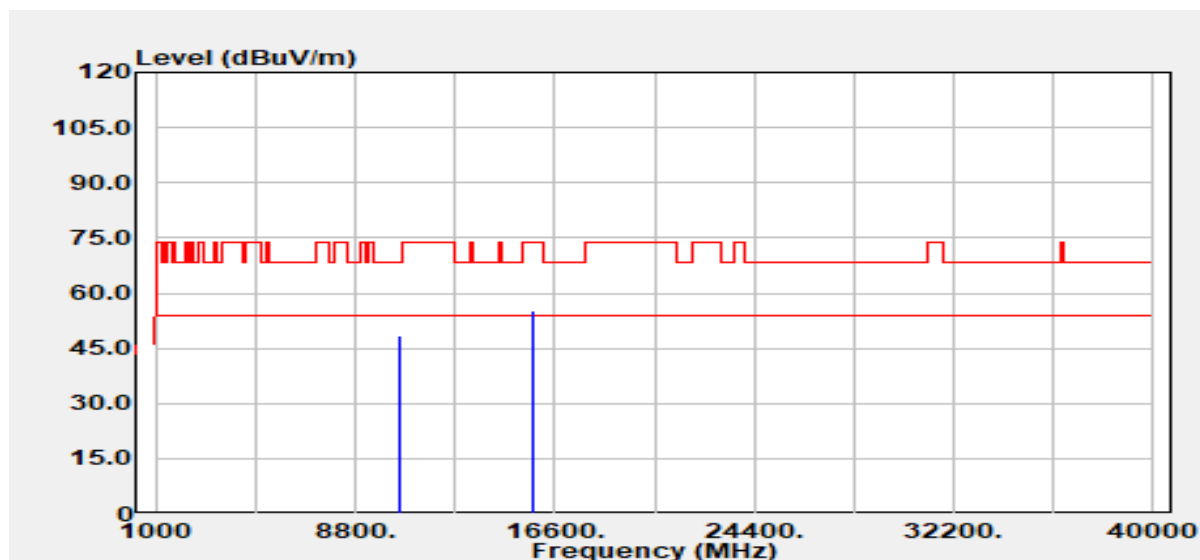


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10520.00     | Peak                         | 29.77                             | 18.42        | 48.19                  | 68.20                  | -20.01       |
| 15780.00     | Peak                         | 30.55                             | 23.49        | 54.04                  | 74.00                  | -19.96       |
| 15780.00     | Average                      | 23.81                             | 23.49        | 47.30                  | 54.00                  | -6.70        |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5260 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

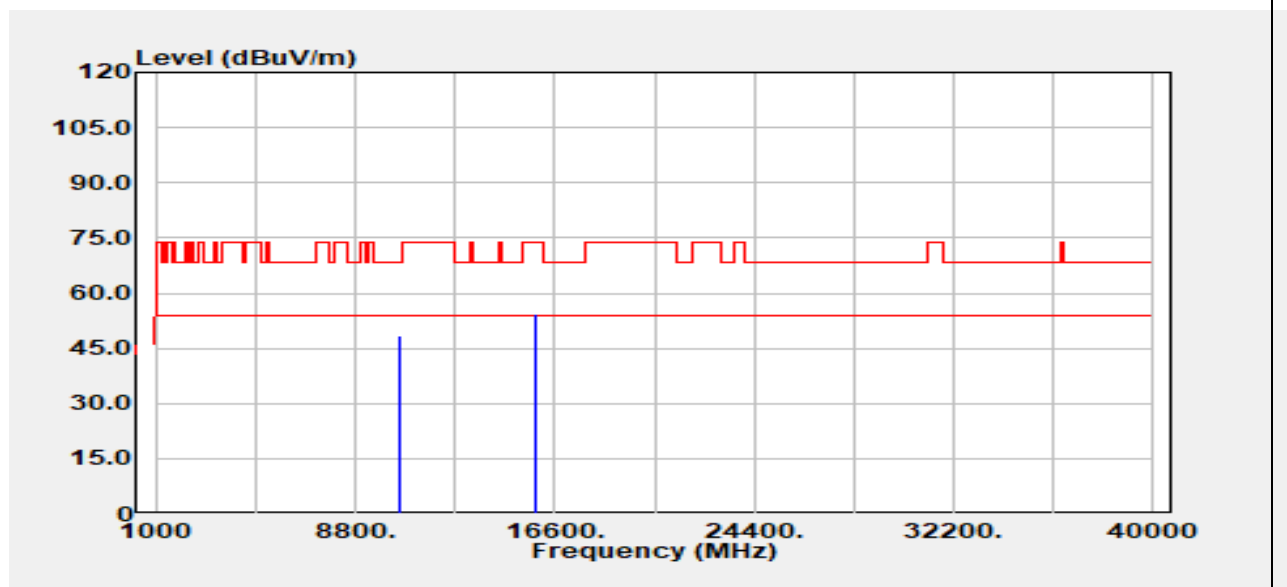


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 10520.00     | Peak                         | 30.14                                   | 18.42        | 48.56                        | 68.20                        | -19.64       |
| 15780.00     | Peak                         | 31.54                                   | 23.49        | 55.03                        | 74.00                        | -18.97       |
| 15780.00     | Average                      | 23.76                                   | 23.49        | 47.25                        | 54.00                        | -6.75        |
| N/A          |                              |                                         |              |                              |                              |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5280 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

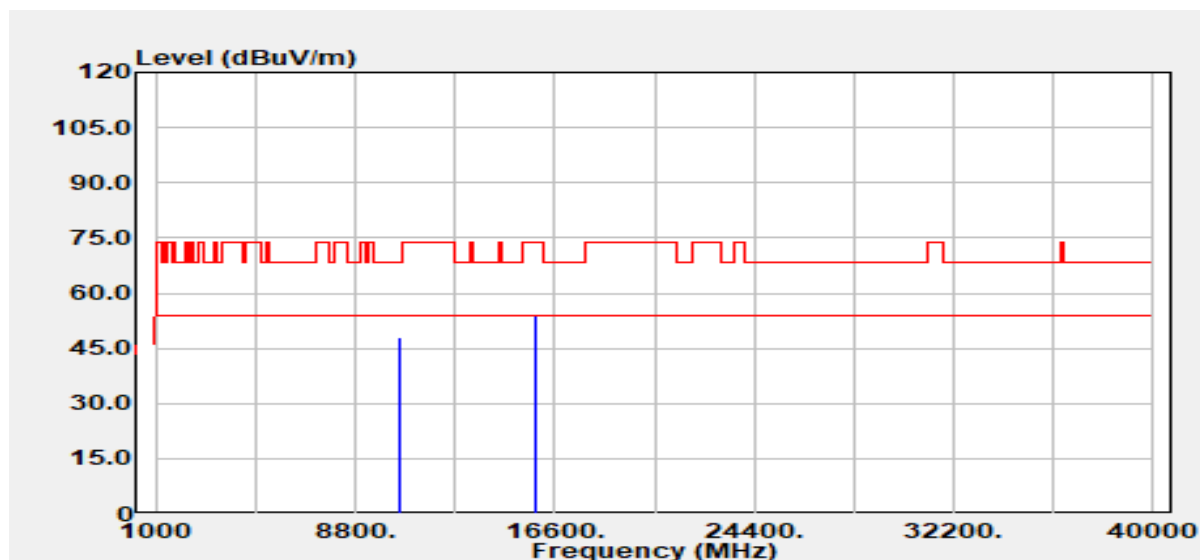


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10560.00     | Peak                         | 30.10                             | 18.47        | 48.57                  | 68.20                  | -19.63       |
| 15840.00     | Peak                         | 30.72                             | 23.71        | 54.43                  | 74.00                  | -19.57       |
| 15840.00     | Average                      | 23.71                             | 23.71        | 47.43                  | 54.00                  | -6.57        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5280 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

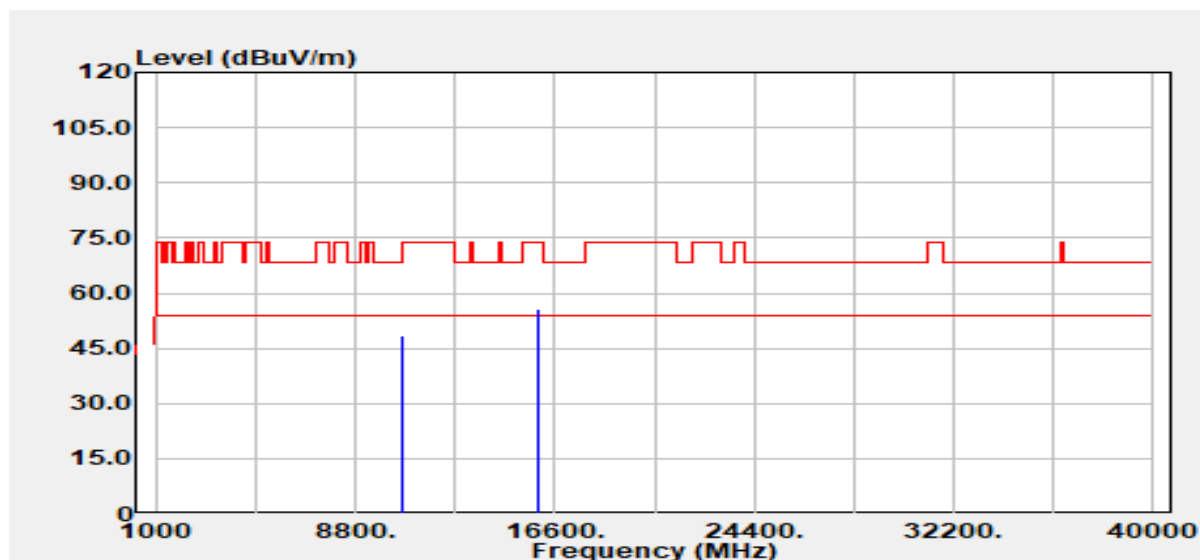


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 10560.00     | Peak                         | 29.47                                   | 18.47        | 47.94                        | 68.20                        | -20.26       |
| 15840.00     | Peak                         | 30.04                                   | 23.71        | 53.75                        | 74.00                        | -20.25       |
| 15840.00     | Average                      | 23.71                                   | 23.71        | 47.42                        | 54.00                        | -6.58        |
| N/A          |                              |                                         |              |                              |                              |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5320 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

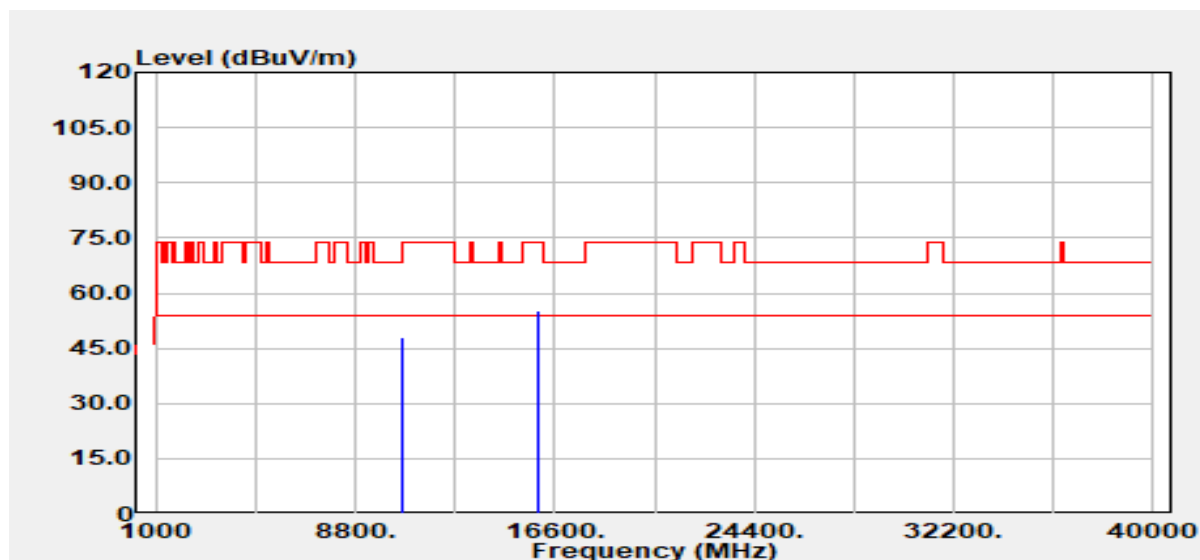


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10640.00     | Peak                         | 30.09                             | 18.57        | 48.66                  | 74.00                  | -25.34       |
| 10640.00     | Average                      | 22.32                             | 18.57        | 40.89                  | 54.00                  | -13.11       |
| 15960.00     | Peak                         | 31.05                             | 24.52        | 55.56                  | 74.00                  | -18.44       |
| 15960.00     | Average                      | 24.11                             | 24.52        | 48.63                  | 54.00                  | -5.37        |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5320 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

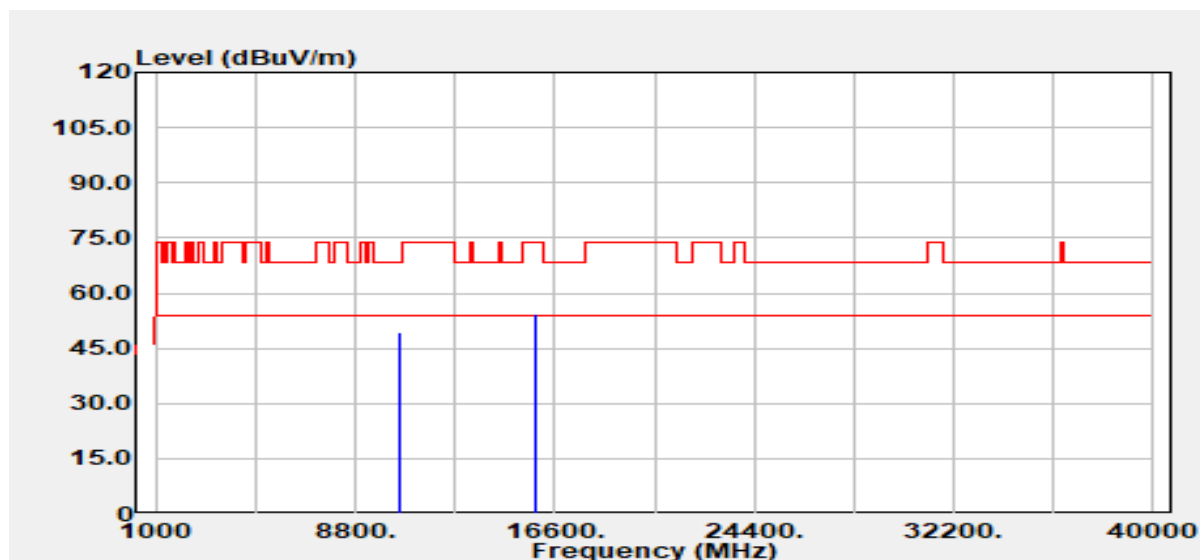


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10640.00     | Peak                         | 29.31                             | 18.57        | 47.88                  | 74.00                  | -26.12       |
| 10640.00     | Average                      | 22.37                             | 18.57        | 40.94                  | 54.00                  | -13.06       |
| 15960.00     | Peak                         | 30.68                             | 24.52        | 55.20                  | 74.00                  | -18.80       |
| 15960.00     | Average                      | 24.20                             | 24.52        | 48.72                  | 54.00                  | -5.28        |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5270 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

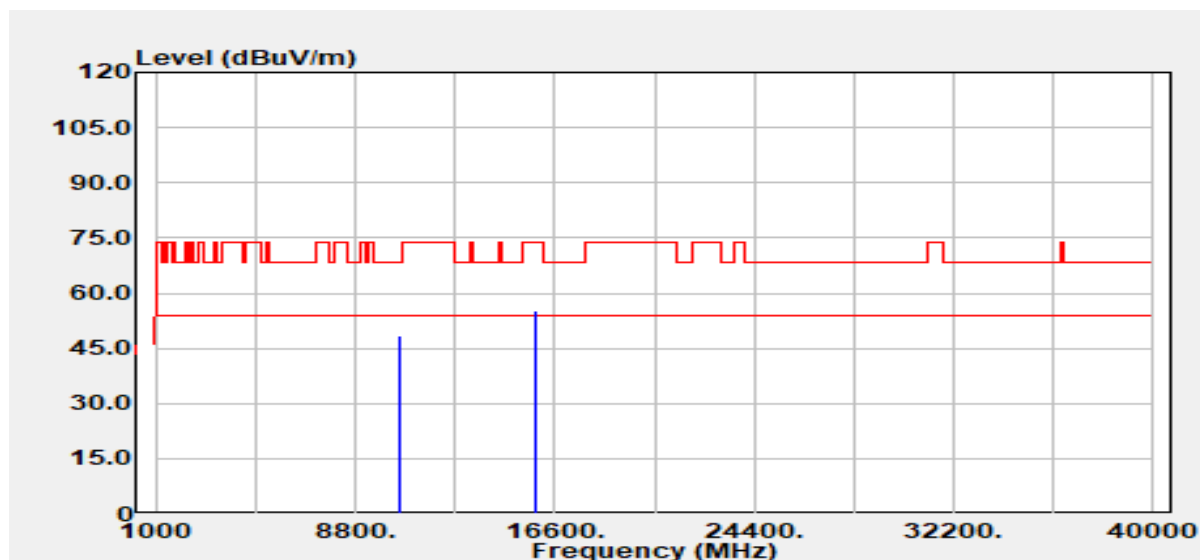


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10540.00     | Peak                         | 30.96                             | 18.45        | 49.41                  | 68.20                  | -18.79       |
| 15810.00     | Peak                         | 30.76                             | 23.67        | 54.43                  | 74.00                  | -19.57       |
| 15810.00     | Average                      | 23.77                             | 23.67        | 47.43                  | 54.00                  | -6.57        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5270 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

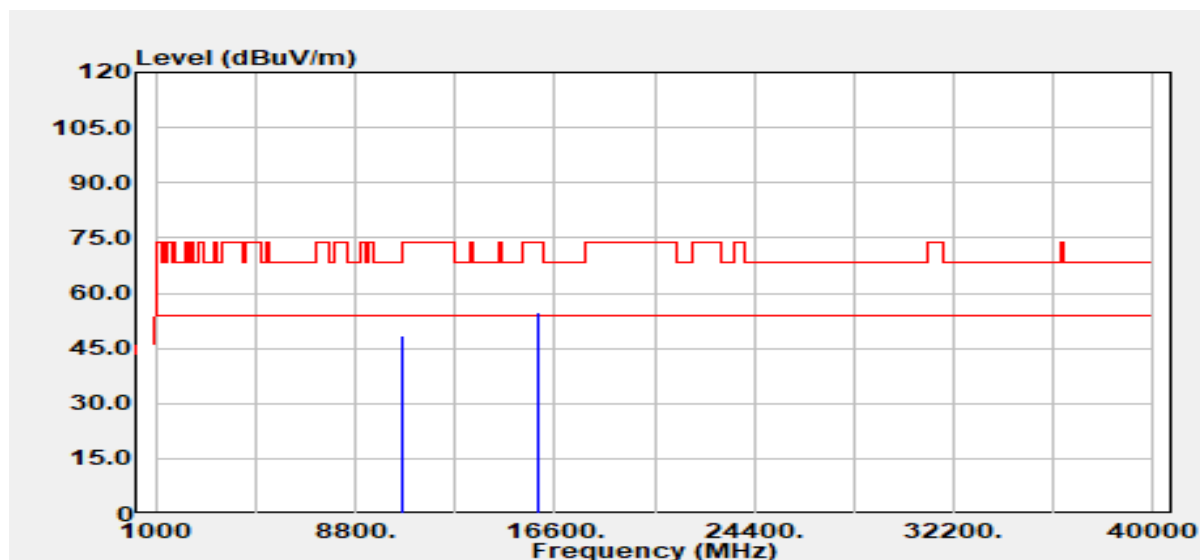


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10540.00     | Peak                         | 29.92                             | 18.45        | 48.37                  | 68.20                  | -19.83       |
| 15810.00     | Peak                         | 31.57                             | 23.67        | 55.23                  | 74.00                  | -18.77       |
| 15810.00     | Average                      | 23.87                             | 23.67        | 47.54                  | 54.00                  | -6.46        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5310 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

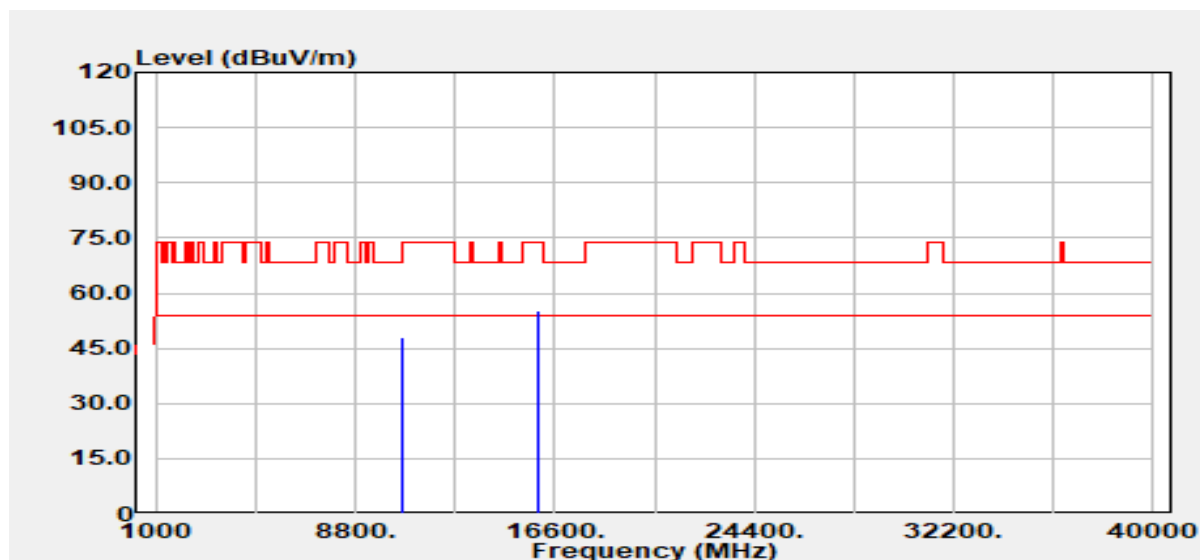


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10620.00     | Peak                         | 29.82                             | 18.53        | 48.35                  | 74.00                  | -25.65       |
| 10620.00     | Average                      | 22.28                             | 18.53        | 40.81                  | 54.00                  | -13.19       |
| 15930.00     | Peak                         | 30.60                             | 24.28        | 54.88                  | 74.00                  | -19.12       |
| 15930.00     | Average                      | 24.19                             | 24.28        | 48.47                  | 54.00                  | -5.53        |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5310 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

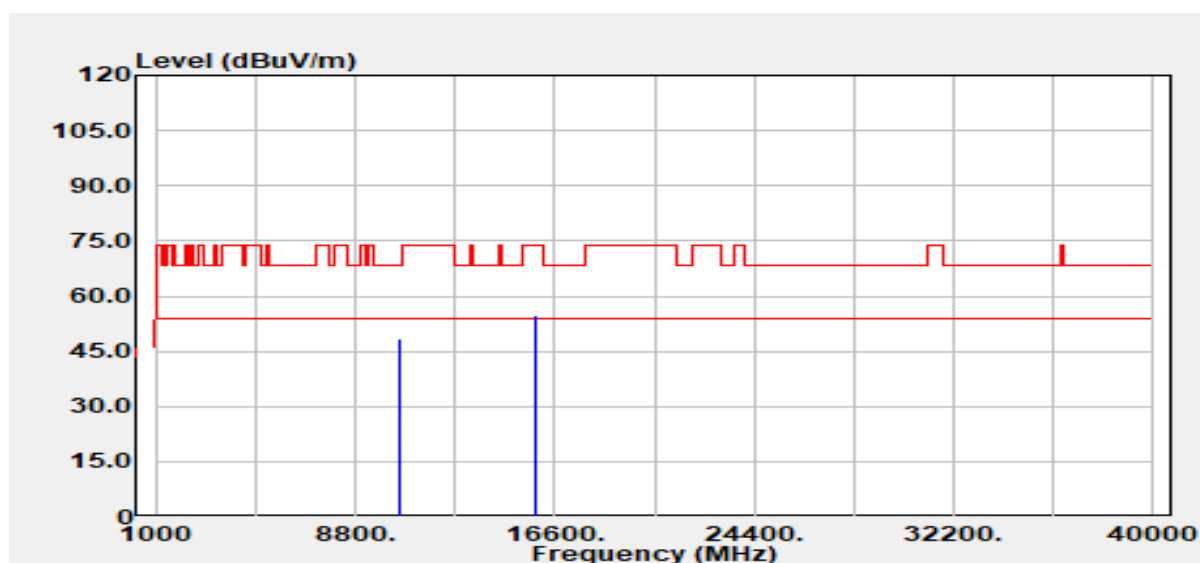


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10620.00     | Peak                         | 29.34                             | 18.53        | 47.87                  | 74.00                  | -26.13       |
| 10620.00     | Average                      | 22.31                             | 18.53        | 40.84                  | 54.00                  | -13.16       |
| 15930.00     | Peak                         | 30.96                             | 24.28        | 55.24                  | 74.00                  | -18.76       |
| 15930.00     | Average                      | 24.15                             | 24.28        | 48.43                  | 54.00                  | -5.57        |

### Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5290 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 28, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

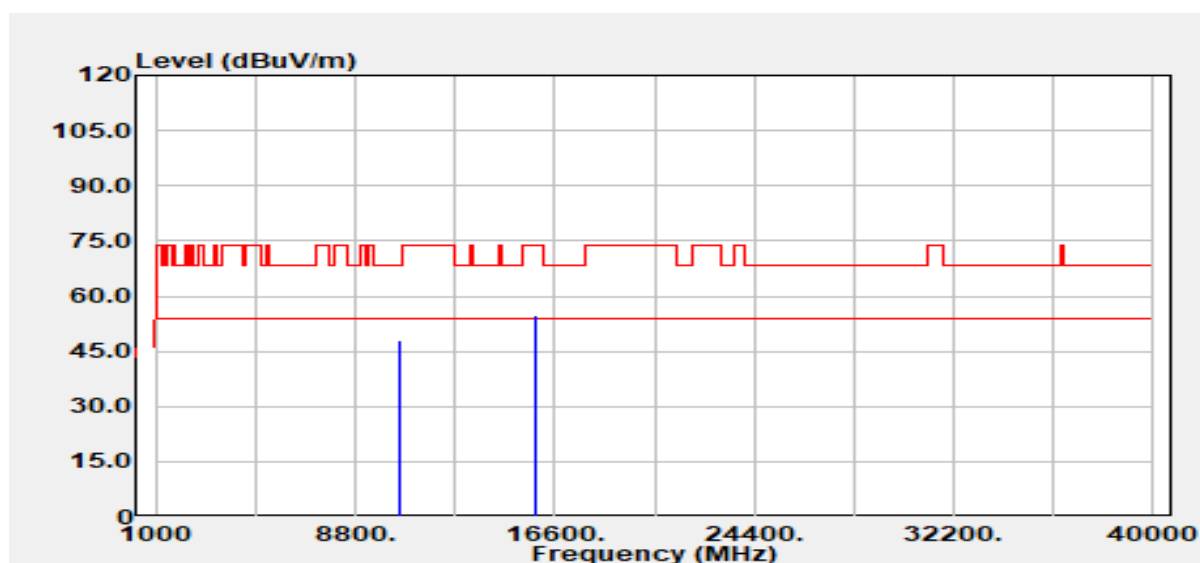


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10580.00     | Peak                         | 29.97                             | 18.48        | 48.45                  | 68.20                  | -19.75       |
| 15870.00     | Peak                         | 30.73                             | 23.87        | 54.61                  | 74.00                  | -19.39       |
| 15870.00     | Average                      | 23.87                             | 23.87        | 47.75                  | 54.00                  | -6.25        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5290 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |



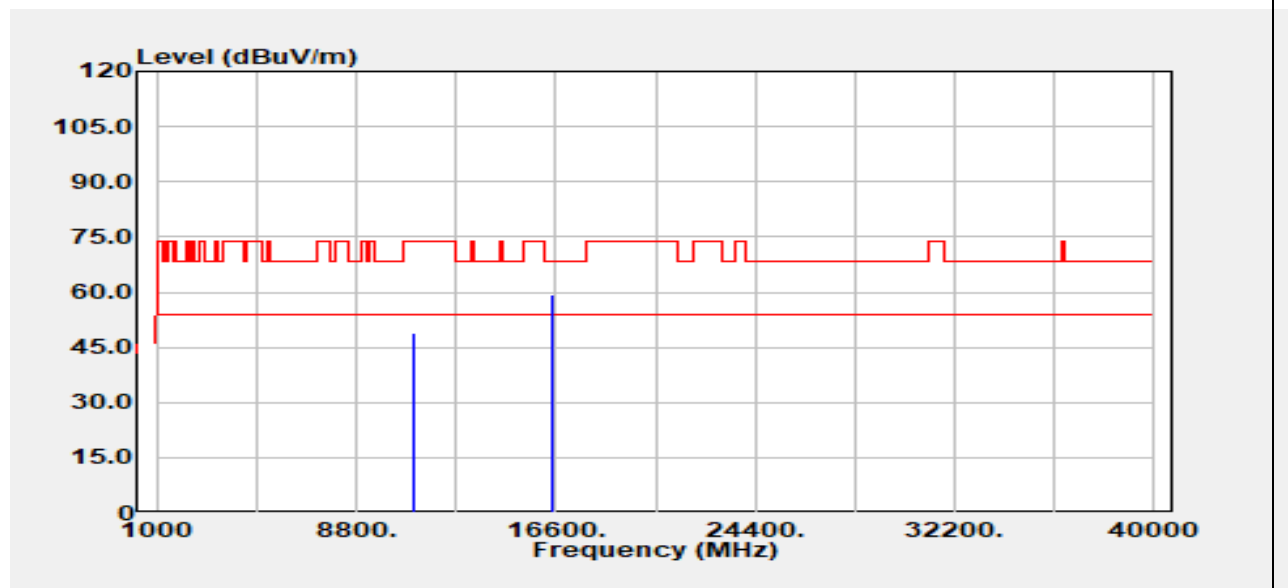
| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 10580.00     | Peak                         | 29.61                             | 18.48        | 48.09                  | 68.20                  | -20.11       |
| 15870.00     | Peak                         | 30.89                             | 23.87        | 54.76                  | 74.00                  | -19.24       |
| 15870.00     | Average                      | 24.07                             | 23.87        | 47.94                  | 54.00                  | -6.06        |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

### Test Data for UNII-2c

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5500 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

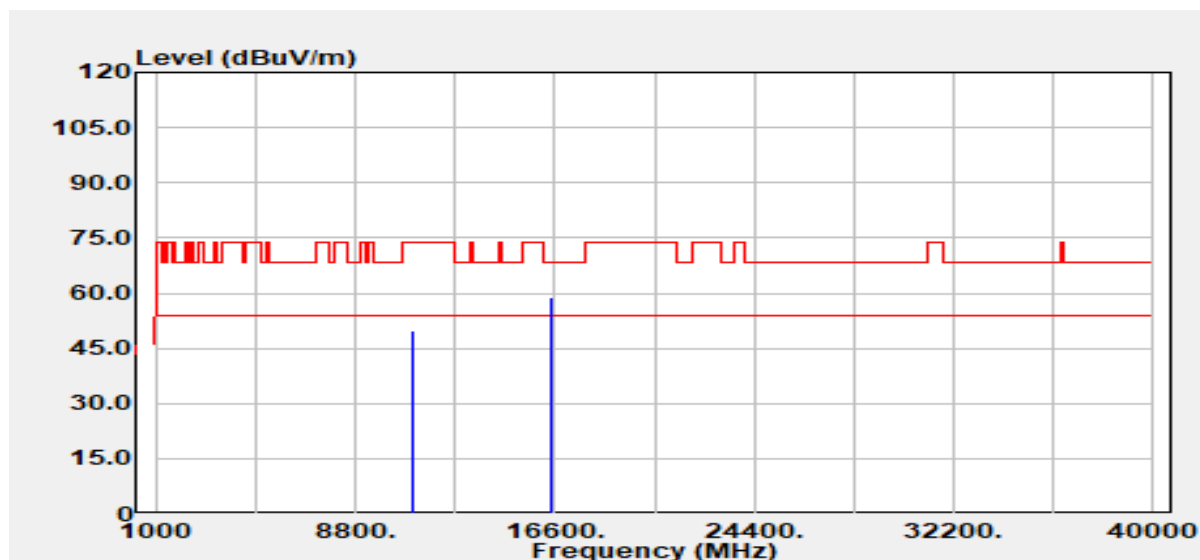


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11000.00     | Peak                         | 29.61                             | 19.45        | 49.06                  | 74.00                  | -24.94       |
| 11000.00     | Average                      | 23.48                             | 19.45        | 42.93                  | 54.00                  | -11.07       |
| 16500.00     | Peak                         | 30.35                             | 28.79        | 59.14                  | 68.20                  | -9.06        |
| N/A          |                              |                                   |              |                        |                        |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5500 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

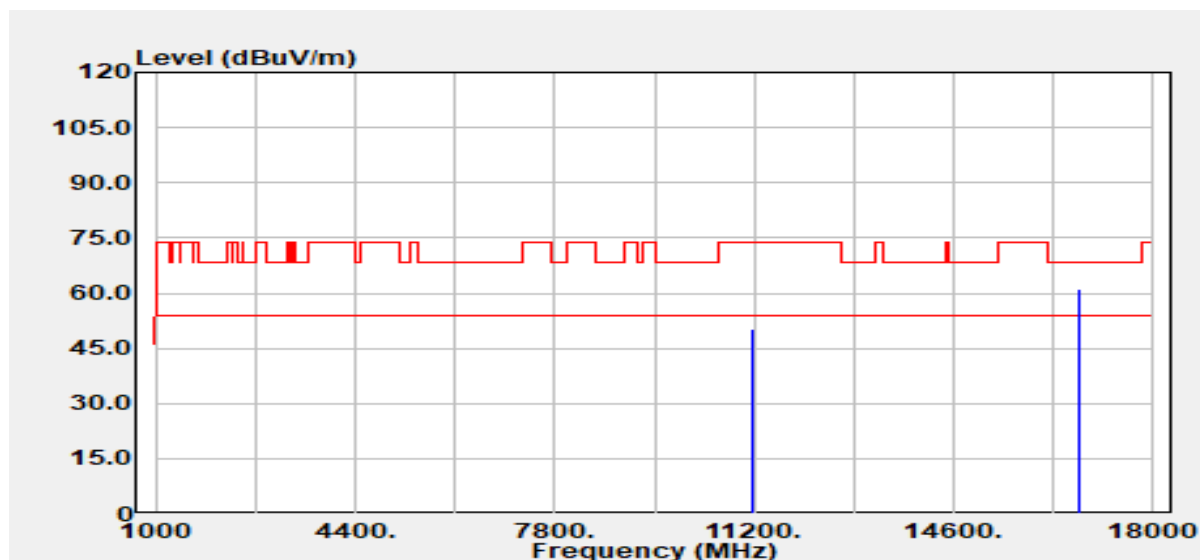


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11000.00     | Peak                         | 30.44                             | 19.45        | 49.89                  | 74.00                  | -24.11       |
| 11000.00     | Average                      | 23.36                             | 19.45        | 42.81                  | 54.00                  | -11.19       |
| 16500.00     | Peak                         | 30.02                             | 28.79        | 58.81                  | 68.20                  | -9.39        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5580 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

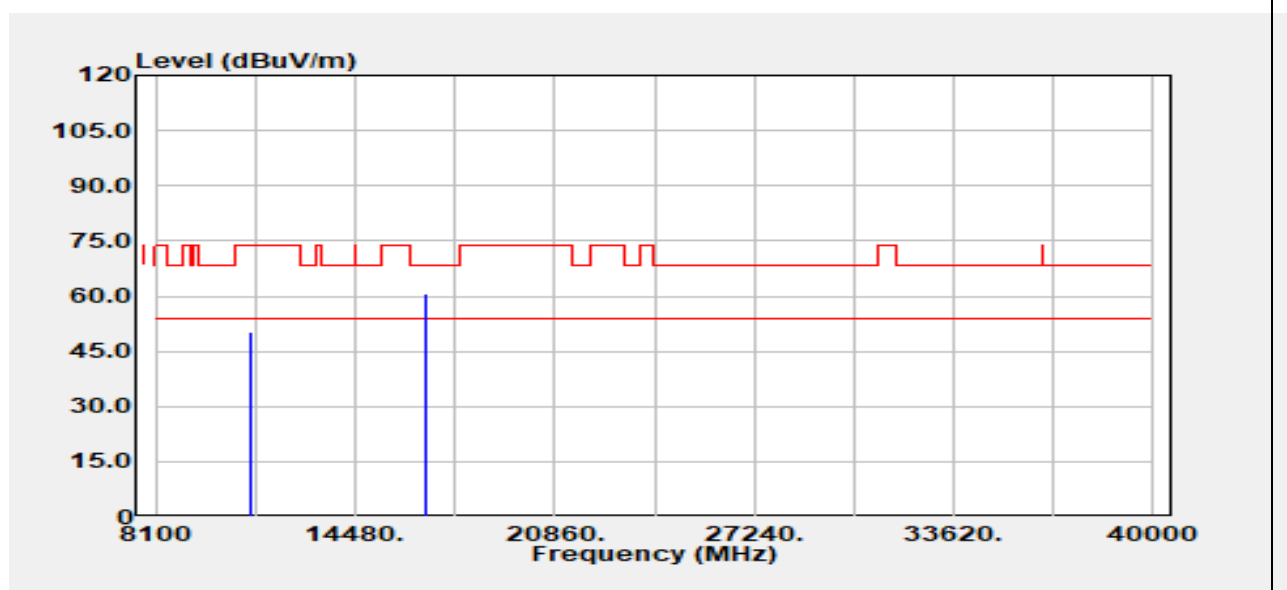


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 11160.00     | Peak                         | 30.56                                   | 19.49        | 50.05                        | 74.00                        | -23.95       |
| 11160.00     | Average                      | 21.89                                   | 19.49        | 41.38                        | 54.00                        | -12.62       |
| 16740.00     | Peak                         | 30.99                                   | 30.22        | 61.22                        | 68.20                        | -6.98        |
| N/A          |                              |                                         |              |                              |                              |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5580 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

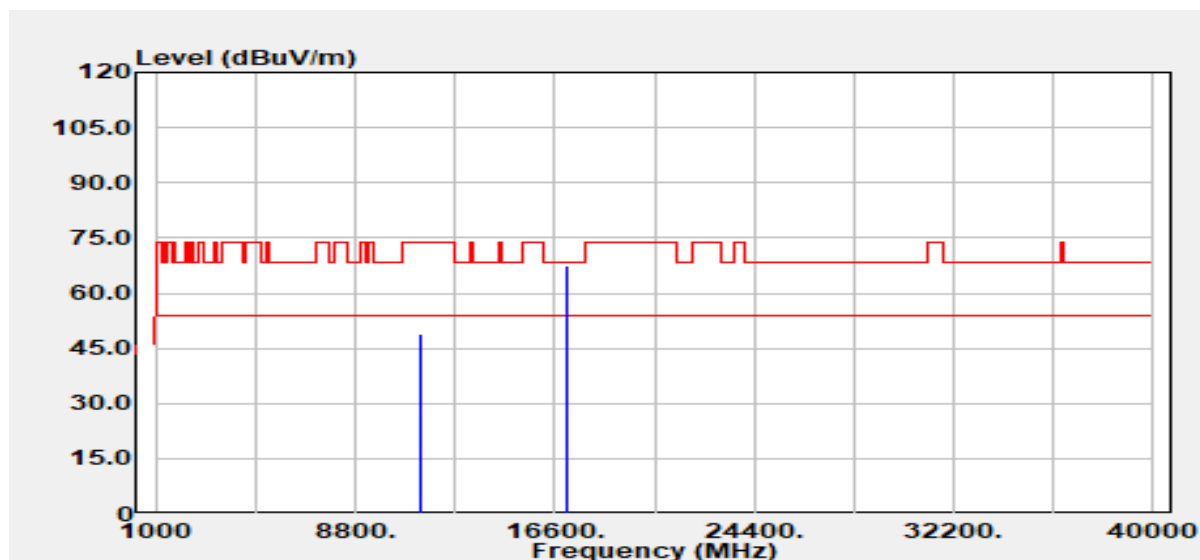


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11160.00     | Peak                         | 30.88                             | 19.49        | 50.38                  | 74.00                  | -23.62       |
| 11160.00     | Average                      | 22.10                             | 19.49        | 41.59                  | 54.00                  | -12.41       |
| 16740.00     | Peak                         | 30.48                             | 30.22        | 60.70                  | 68.20                  | -7.50        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

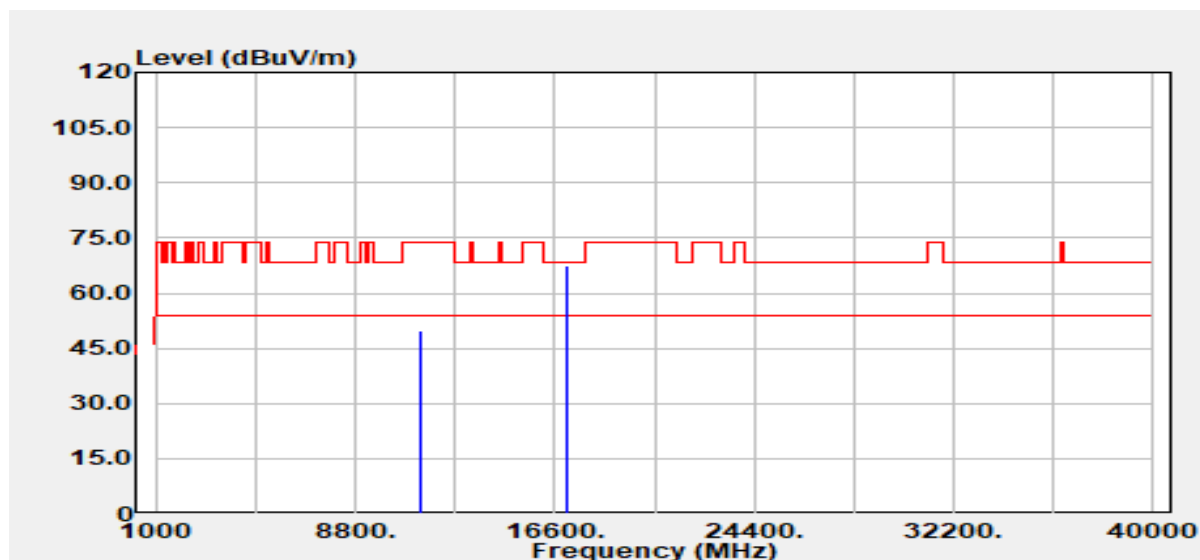


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 11400.00     | Peak                         | 29.51                                   | 19.26        | 48.77                        | 74.00                        | -25.23       |
| 11400.00     | Average                      | 20.22                                   | 19.26        | 39.48                        | 54.00                        | -14.52       |
| 17100.00     | Peak                         | 32.63                                   | 34.81        | 67.44                        | 68.20                        | -0.76        |
| N/A          |                              |                                         |              |                              |                              |              |

### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

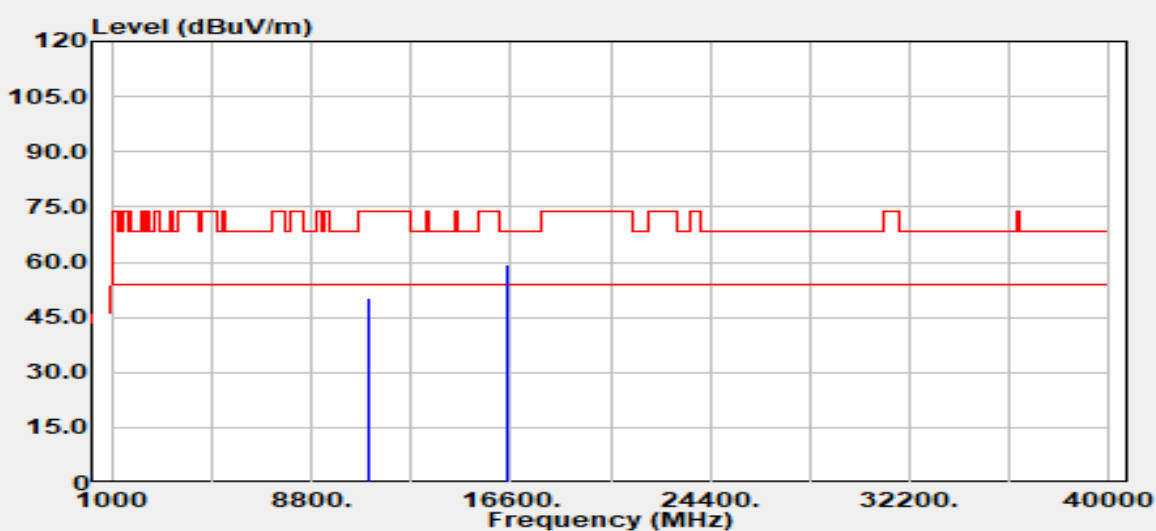


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>@3m<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11400.00     | Peak                         | 30.37                             | 19.26        | 49.63                  | 74.00                  | -24.37       |
| 11400.00     | Average                      | 20.41                             | 19.26        | 39.67                  | 54.00                  | -14.33       |
| 17100.00     | Peak                         | 32.61                             | 34.81        | 67.42                  | 68.20                  | -0.78        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5500 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

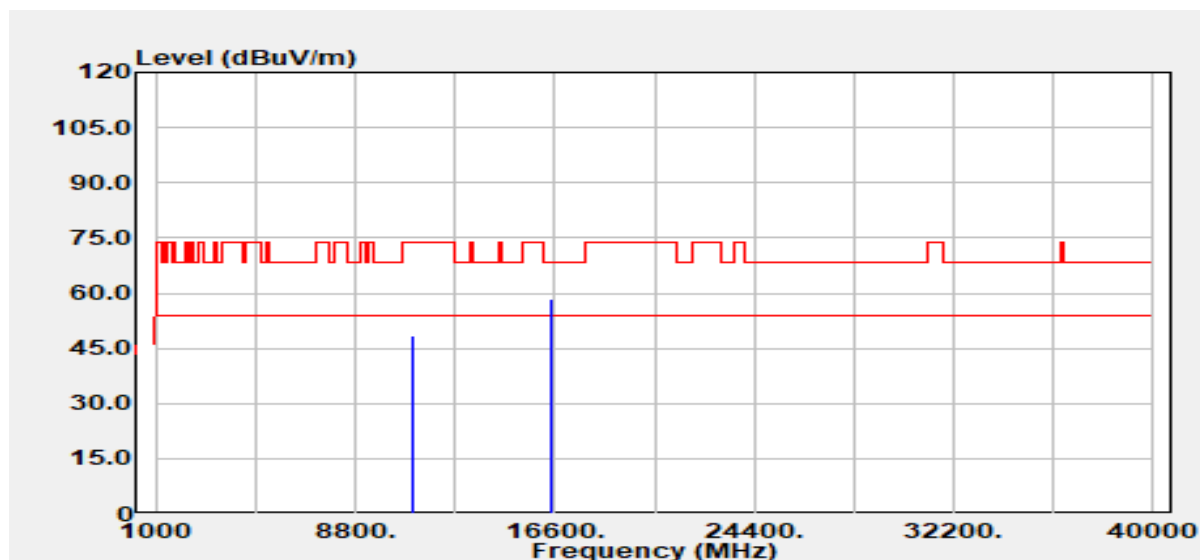


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11000.00     | Peak                         | 30.80                             | 19.45        | 50.25                  | 74.00                  | -23.75       |
| 11000.00     | Average                      | 23.58                             | 19.45        | 43.03                  | 54.00                  | -10.97       |
| 16500.00     | Peak                         | 30.48                             | 28.79        | 59.27                  | 68.20                  | -8.93        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5500 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

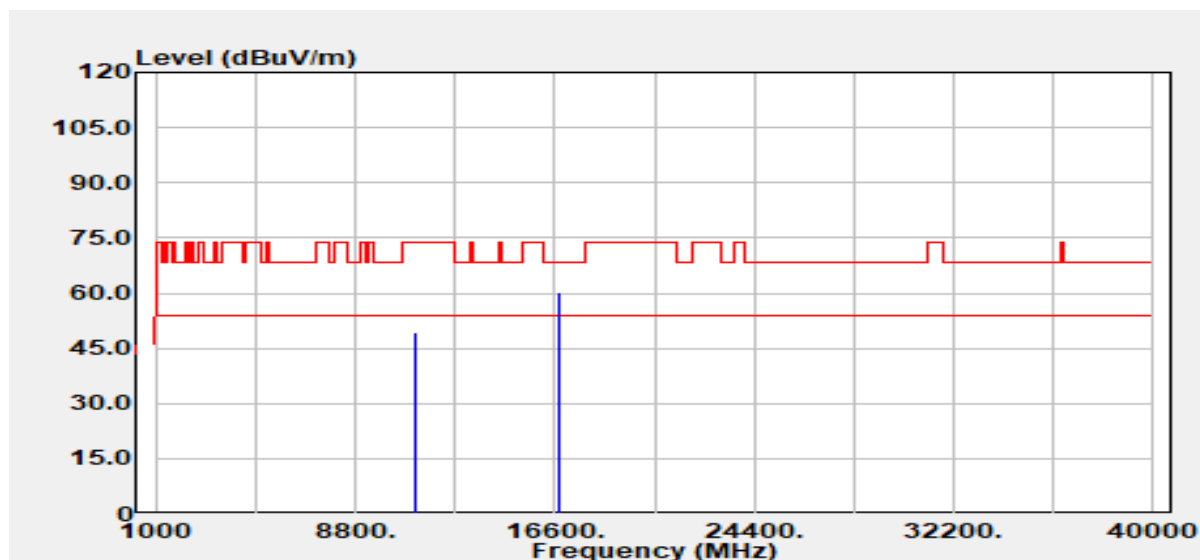


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11000.00     | Peak                         | 28.97                             | 19.45        | 48.42                  | 74.00                  | -25.58       |
| 11000.00     | Average                      | 23.62                             | 19.45        | 43.07                  | 54.00                  | -10.93       |
| 16500.00     | Peak                         | 29.43                             | 28.79        | 58.22                  | 68.20                  | -9.98        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5580 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

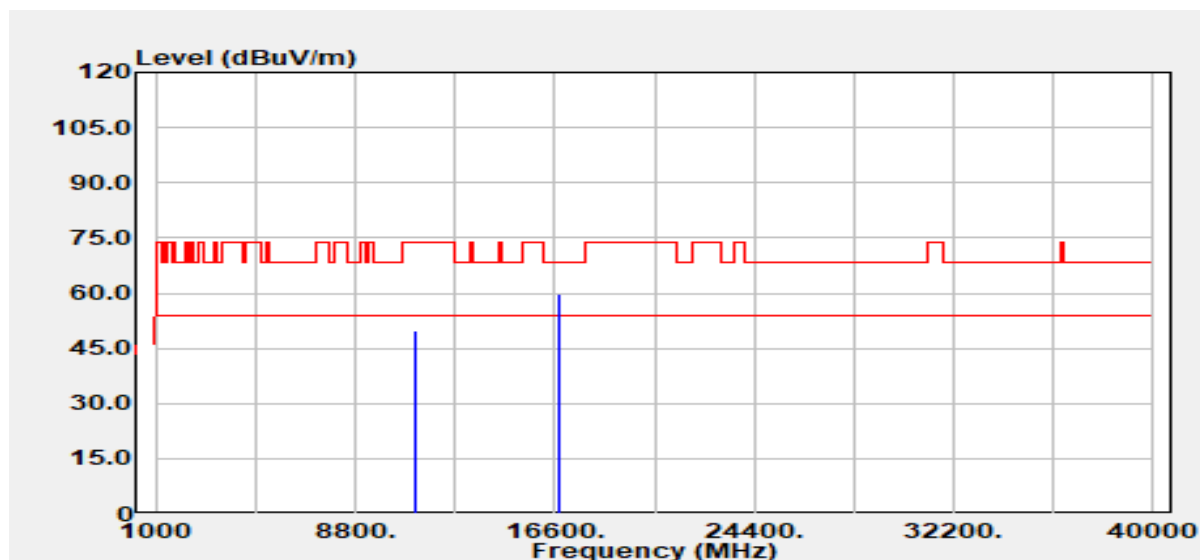


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11160.00     | Peak                         | 29.70                             | 19.49        | 49.19                  | 74.00                  | -24.81       |
| 11160.00     | Average                      | 23.55                             | 19.49        | 43.04                  | 54.00                  | -10.96       |
| 16740.00     | Peak                         | 29.91                             | 30.22        | 60.13                  | 68.20                  | -8.07        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5580 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

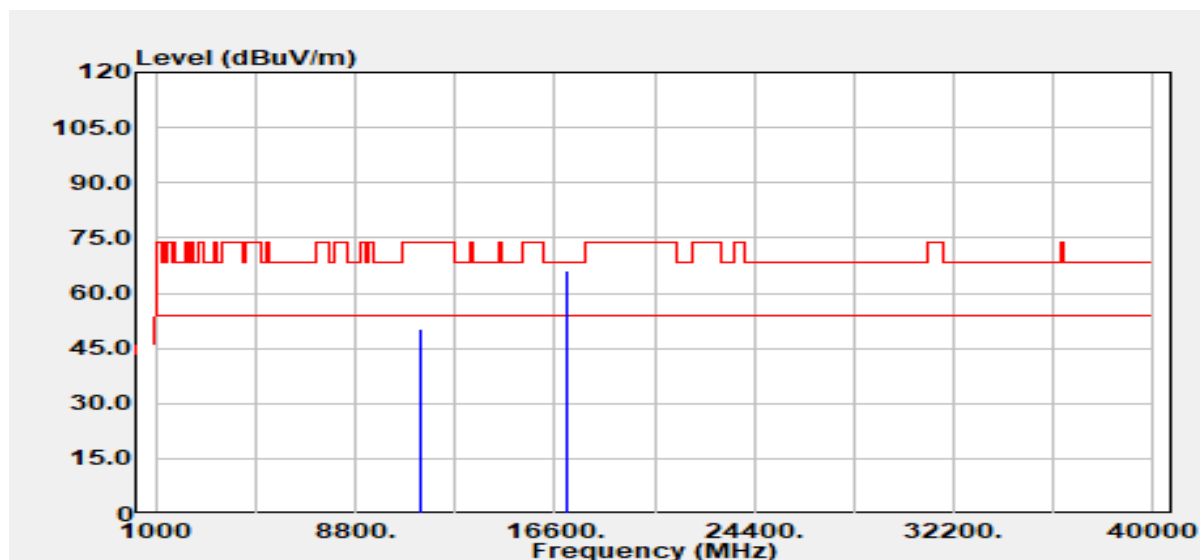


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11160.00     | Peak                         | 30.23                             | 19.49        | 49.72                  | 74.00                  | -24.28       |
| 11160.00     | Average                      | 23.65                             | 19.49        | 43.14                  | 54.00                  | -10.86       |
| 16740.00     | Peak                         | 29.73                             | 30.22        | 59.95                  | 68.20                  | -8.25        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 11400.00     | Peak                         | 30.88                                   | 19.26        | 50.14                        | 74.00                        | -23.86       |
| 11400.00     | Average                      | 22.38                                   | 19.26        | 41.64                        | 54.00                        | -12.36       |
| 17100.00     | Peak                         | 31.43                                   | 34.81        | 66.24                        | 68.20                        | -1.96        |
| N/A          |                              |                                         |              |                              |                              |              |

### Remark:

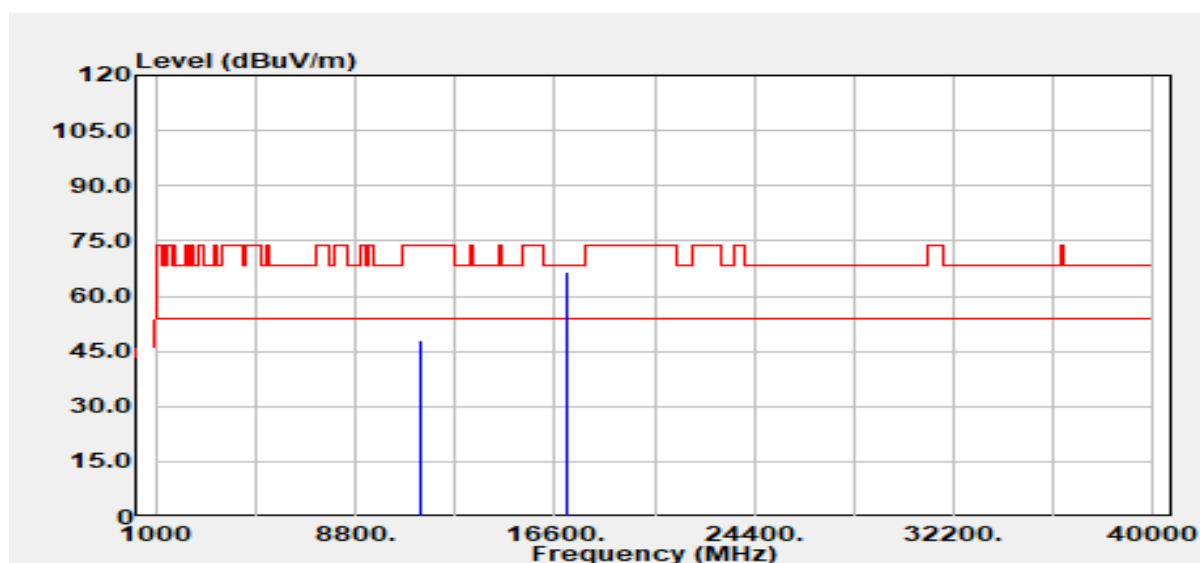
- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Report No.: TMWK2210004210KR

Ref. No.: T201215W01-RP4

Rev.: 02

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

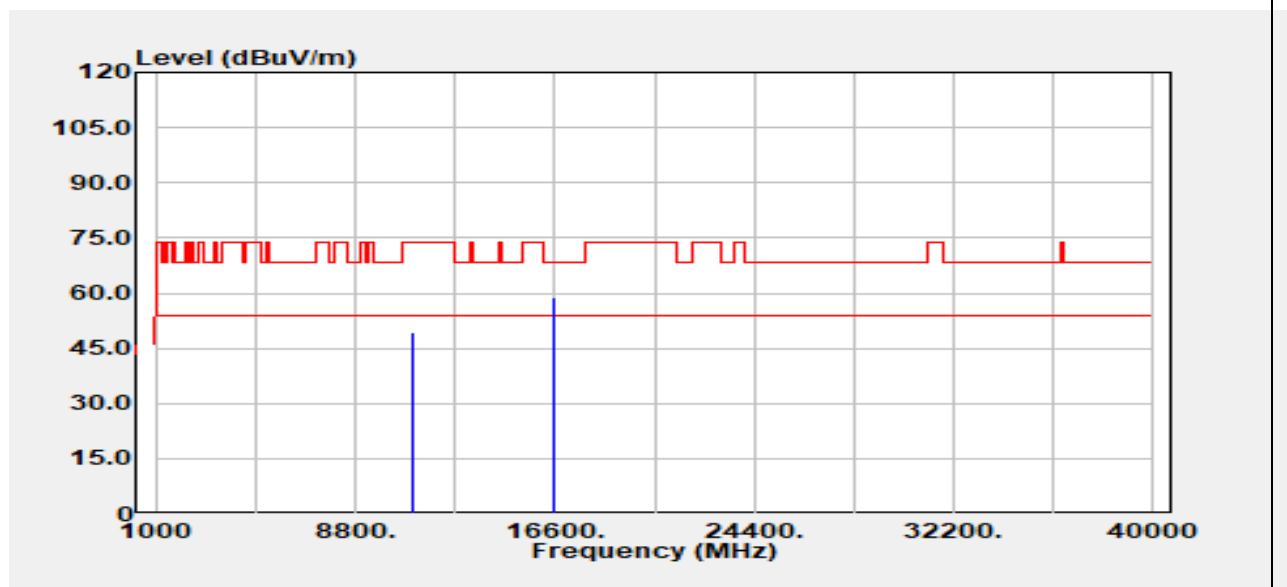


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11400.00     | Peak                         | 28.66                             | 19.26        | 47.92                  | 74.00                  | -26.08       |
| 11400.00     | Average                      | 22.40                             | 19.26        | 41.66                  | 54.00                  | -12.34       |
| 17100.00     | Peak                         | 31.66                             | 34.81        | 66.47                  | 68.20                  | -1.73        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

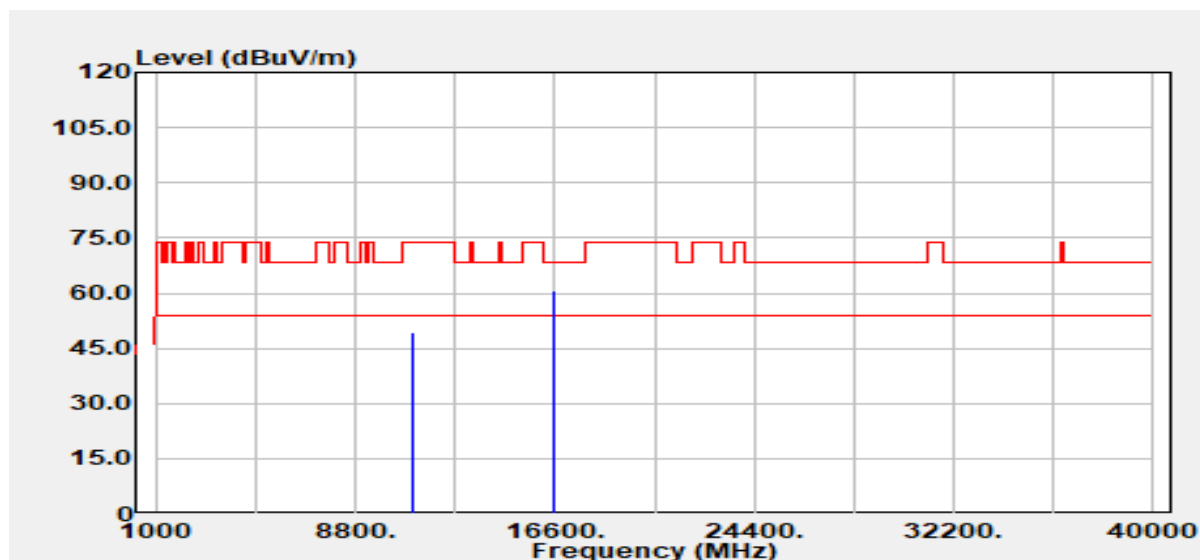


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11020.00     | Peak                         | 30.04                             | 19.45        | 49.49                  | 74.00                  | -24.51       |
| 11020.00     | Average                      | 23.91                             | 19.45        | 43.36                  | 54.00                  | -10.64       |
| 16530.00     | Peak                         | 30.19                             | 28.69        | 58.88                  | 68.20                  | -9.32        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

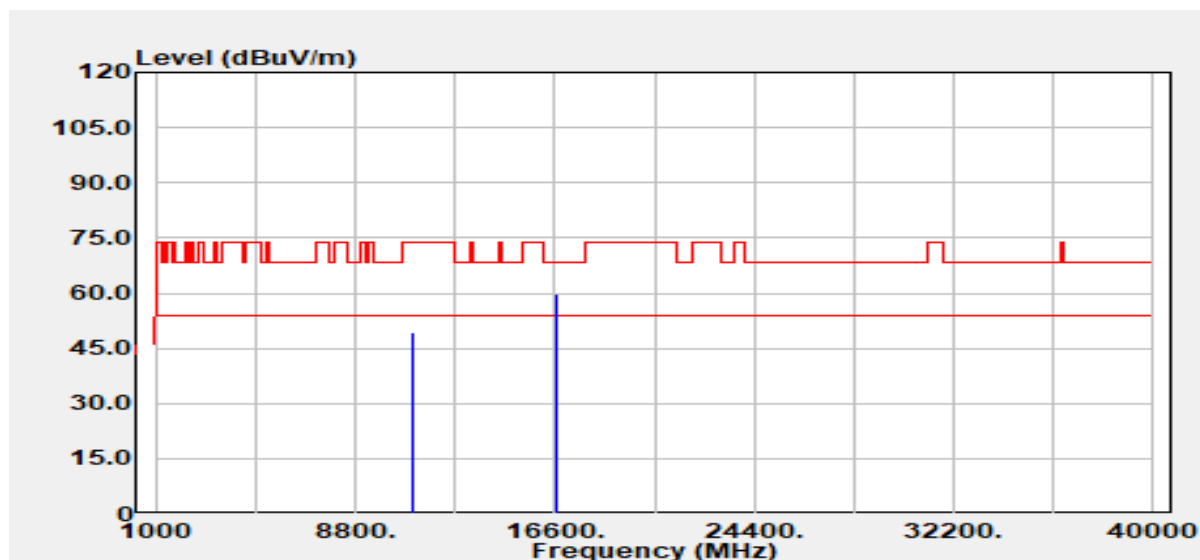


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11020.00     | Peak                         | 29.95                             | 19.45        | 49.40                  | 74.00                  | -24.60       |
| 11020.00     | Average                      | 23.80                             | 19.45        | 43.24                  | 54.00                  | -10.76       |
| 16530.00     | Peak                         | 31.81                             | 28.69        | 60.50                  | 68.20                  | -7.70        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5550 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

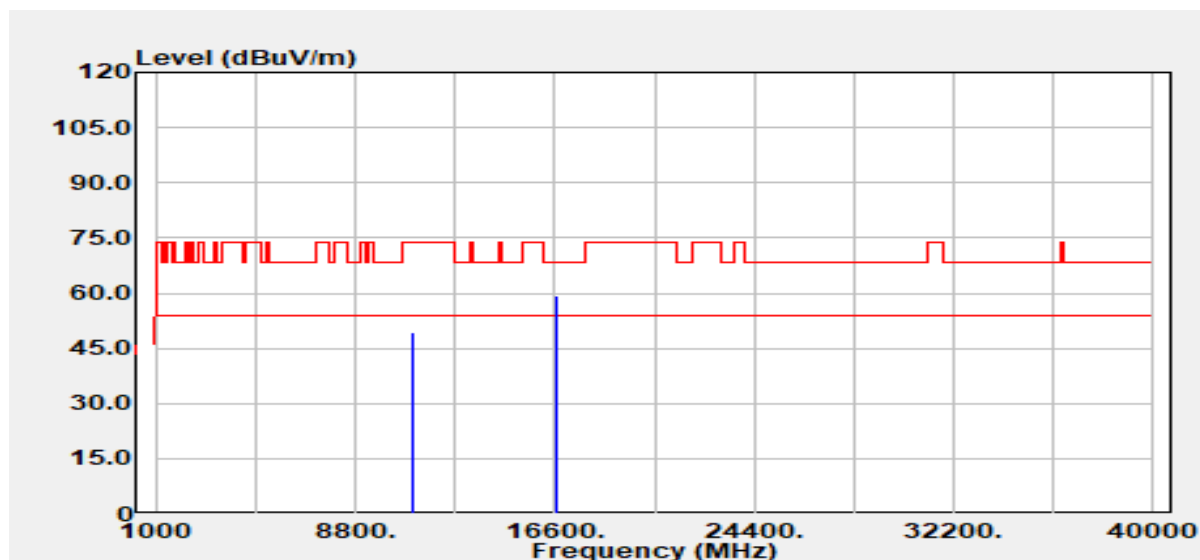


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11100.00     | Peak                         | 29.89                             | 19.53        | 49.42                  | 74.00                  | -24.58       |
| 11100.00     | Average                      | 23.73                             | 19.53        | 43.26                  | 54.00                  | -10.74       |
| 16650.00     | Peak                         | 30.48                             | 29.07        | 59.55                  | 68.20                  | -8.65        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5550 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

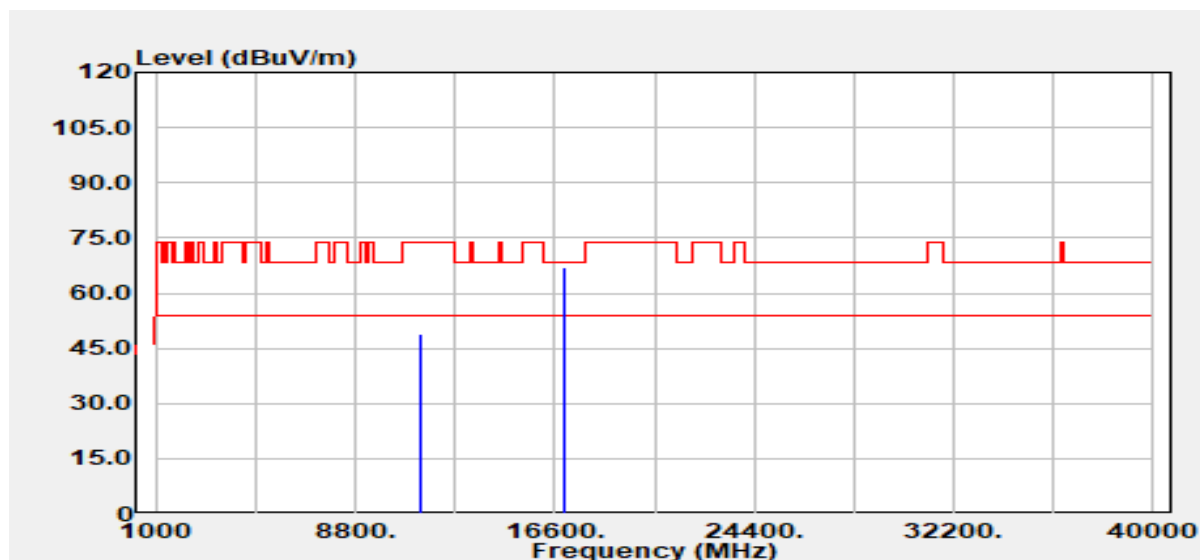


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 11100.00     | Peak                         | 29.93                                   | 19.53        | 49.46                        | 74.00                        | -24.54       |
| 11100.00     | Average                      | 23.71                                   | 19.53        | 43.24                        | 54.00                        | -10.76       |
| 16650.00     | Peak                         | 30.37                                   | 29.07        | 59.44                        | 68.20                        | -8.76        |
| N/A          |                              |                                         |              |                              |                              |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

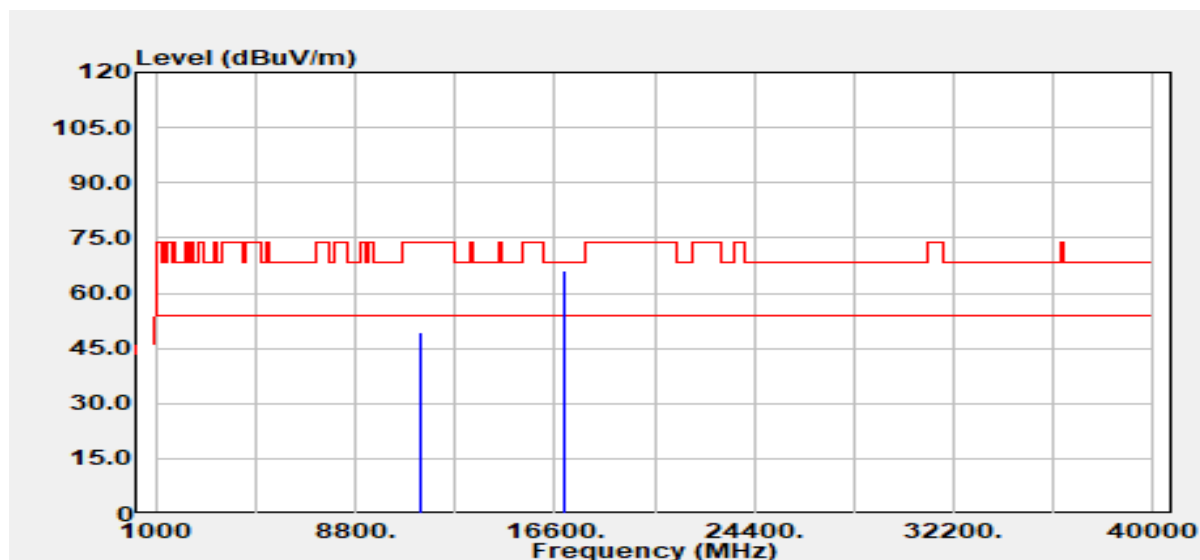


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11340.00     | Peak                         | 29.56                             | 19.46        | 49.03                  | 74.00                  | -24.97       |
| 11340.00     | Average                      | 23.17                             | 19.46        | 42.63                  | 54.00                  | -11.37       |
| 17010.00     | Peak                         | 33.23                             | 33.95        | 67.18                  | 68.20                  | -1.02        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

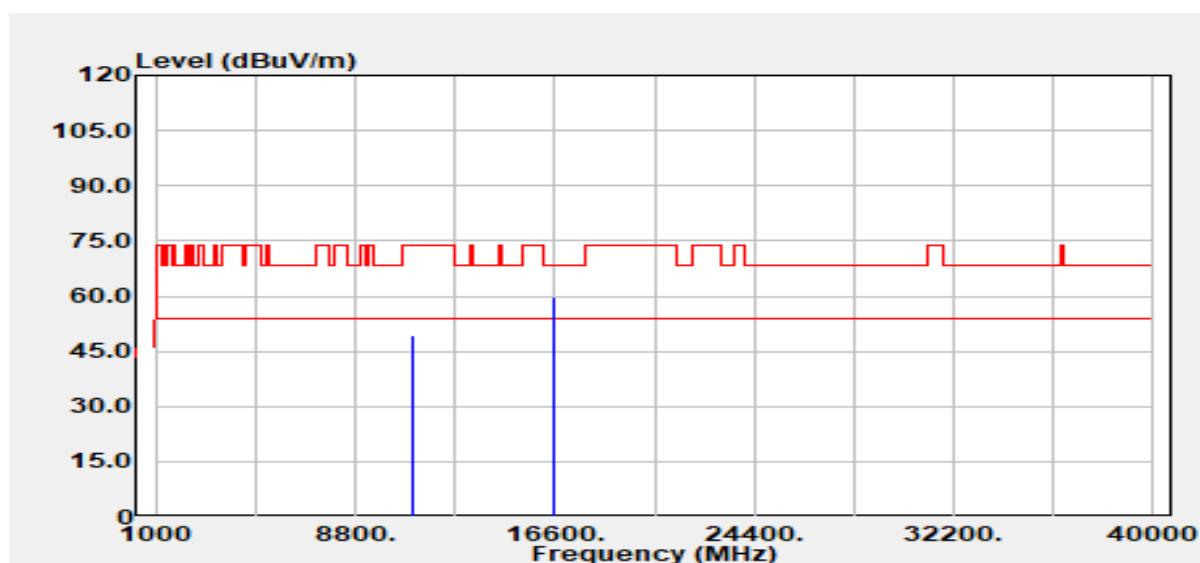


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11340.00     | Peak                         | 29.69                             | 19.46        | 49.15                  | 74.00                  | -24.85       |
| 11340.00     | Average                      | 23.19                             | 19.46        | 42.66                  | 54.00                  | -11.34       |
| 17010.00     | Peak                         | 32.04                             | 33.95        | 66.00                  | 68.20                  | -2.20        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 28, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

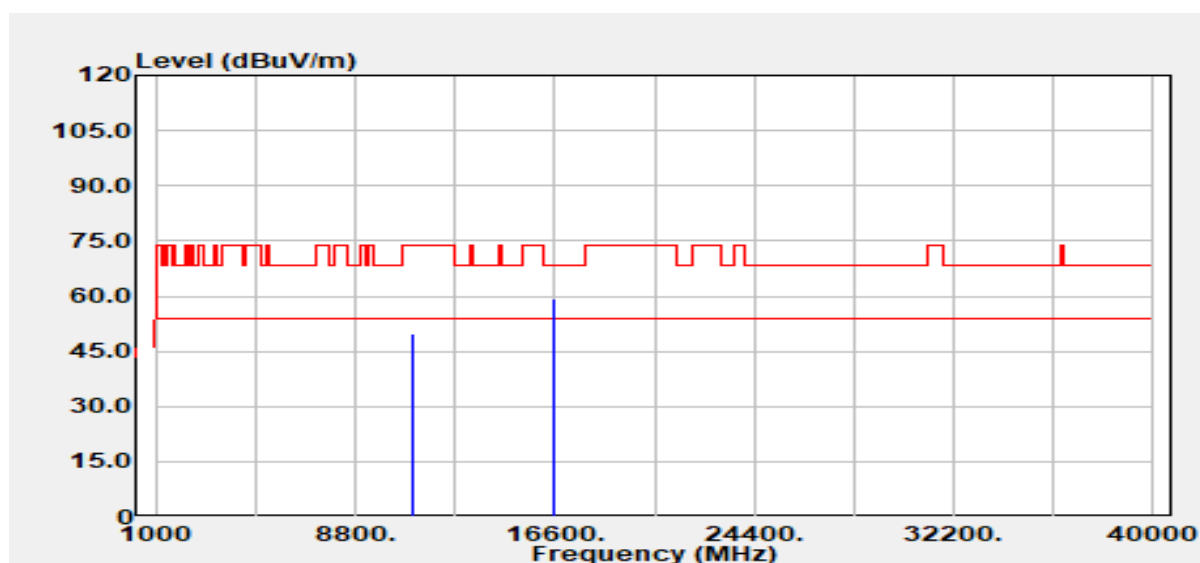


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11060.00     | Peak                         | 30.03                             | 19.46        | 49.48                  | 74.00                  | -24.52       |
| 11060.00     | Average                      | 23.97                             | 19.46        | 43.42                  | 54.00                  | -10.58       |
| 16590.00     | Peak                         | 30.98                             | 28.77        | 59.75                  | 68.20                  | -8.45        |
| N/A          |                              |                                   |              |                        |                        |              |

#### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

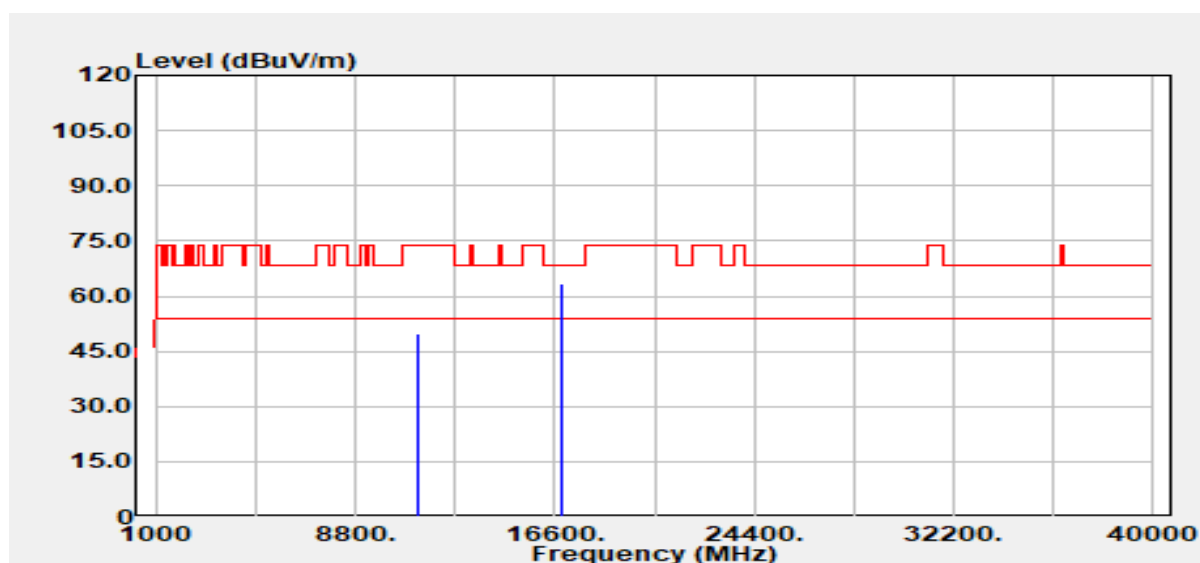


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11060.00     | Peak                         | 30.49                             | 19.46        | 49.95                  | 74.00                  | -24.05       |
| 11060.00     | Average                      | 24.36                             | 19.46        | 43.82                  | 54.00                  | -10.18       |
| 16590.00     | Peak                         | 30.42                             | 28.77        | 59.19                  | 68.20                  | -9.01        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5610 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 28, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

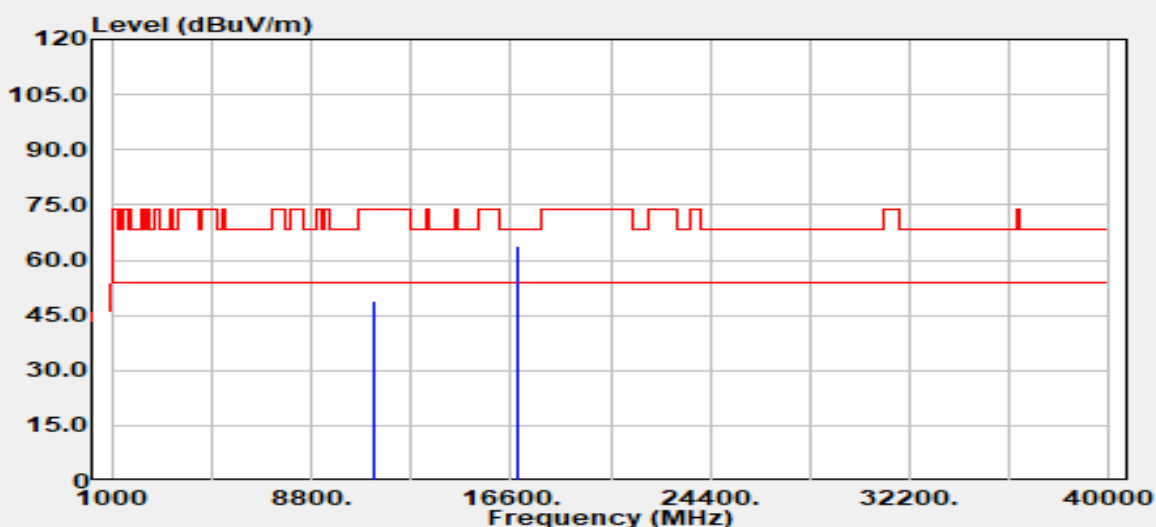


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11220.00     | Peak                         | 30.20                             | 19.42        | 49.62                  | 74.00                  | -24.38       |
| 11220.00     | Average                      | 23.80                             | 19.42        | 43.22                  | 54.00                  | -10.78       |
| 16830.00     | Peak                         | 31.97                             | 31.64        | 63.61                  | 68.20                  | -4.59        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80 / 5610 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |



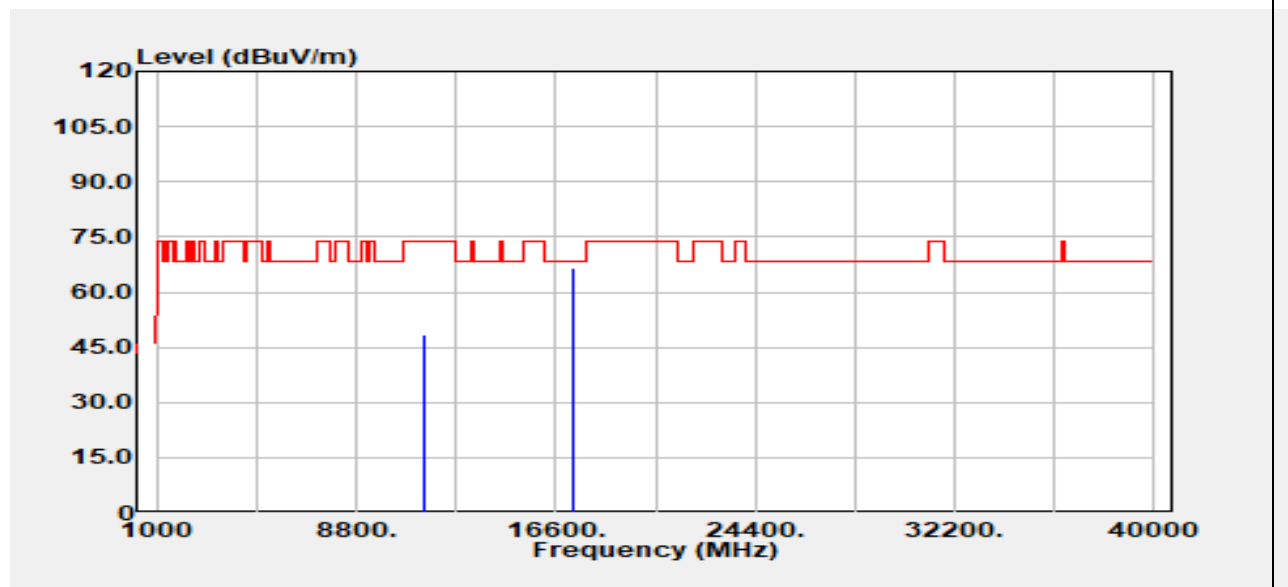
| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11220.00     | Peak                         | 29.46                             | 19.42        | 48.88                  | 74.00                  | -25.12       |
| 11220.00     | Average                      | 24.03                             | 19.42        | 43.45                  | 54.00                  | -10.55       |
| 16830.00     | Peak                         | 32.06                             | 31.64        | 63.70                  | 68.20                  | -4.50        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

### Test Data for UNII-3

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

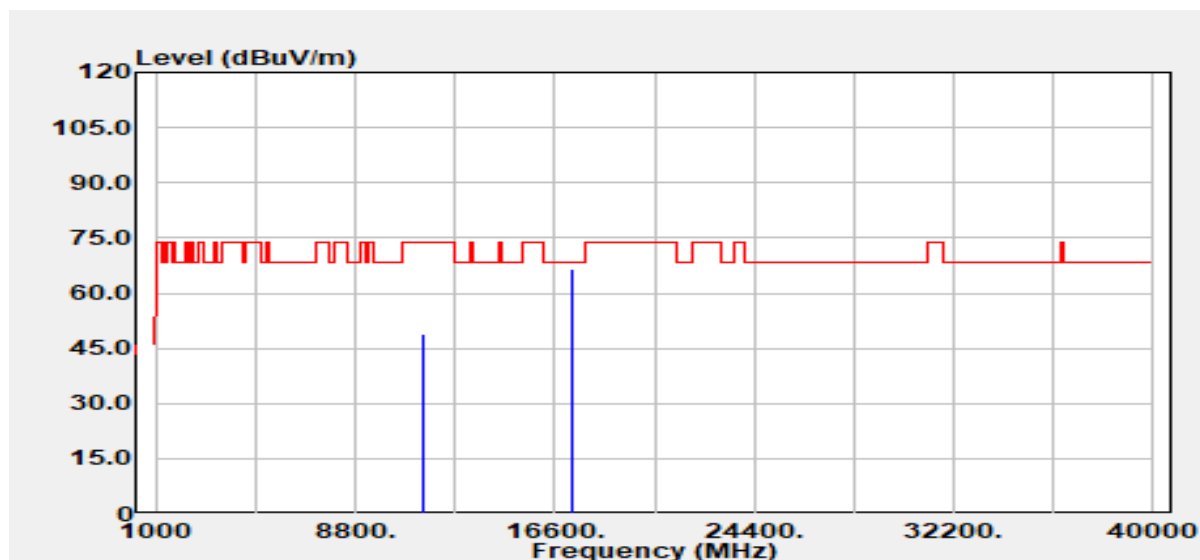


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11490.00     | Peak                         | 29.08                             | 19.20        | 48.28                  | 74.00                  | -25.72       |
| 11490.00     | Average                      | 20.28                             | 19.20        | 39.48                  | 74.00                  | -34.52       |
| 17235.00     | Peak                         | 31.19                             | 35.48        | 66.68                  | 68.20                  | -1.52        |
| N/A          |                              |                                   |              |                        |                        |              |

#### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

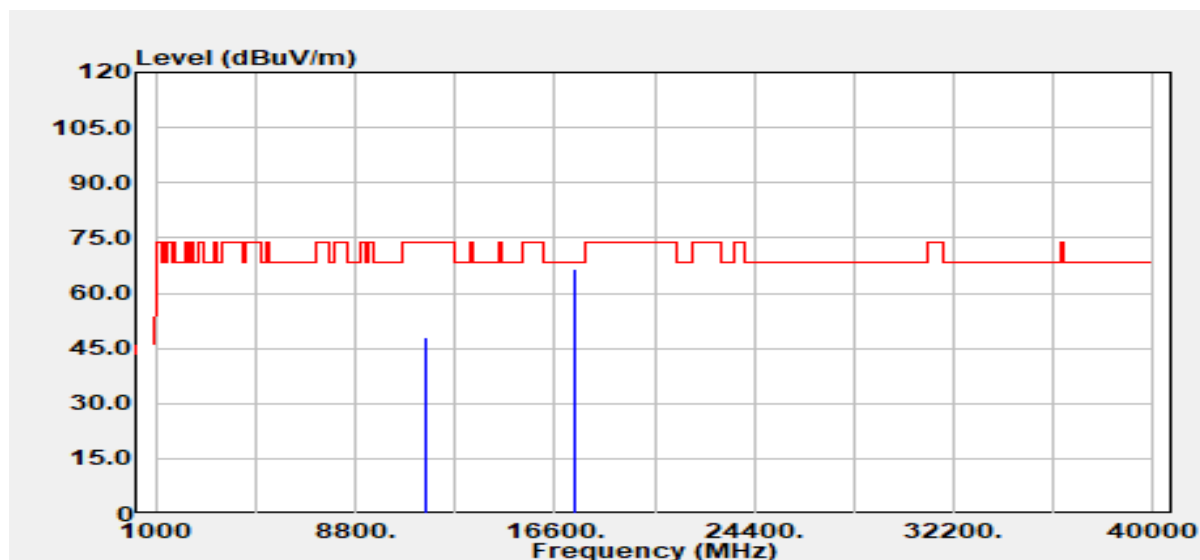


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11490.00     | Peak                         | 29.49                             | 19.20        | 48.69                  | 74.00                  | -25.31       |
| 11490.00     | Average                      | 20.18                             | 19.20        | 39.38                  | 74.00                  | -34.62       |
| 17235.00     | Peak                         | 31.29                             | 35.48        | 66.78                  | 68.20                  | -1.42        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5785 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

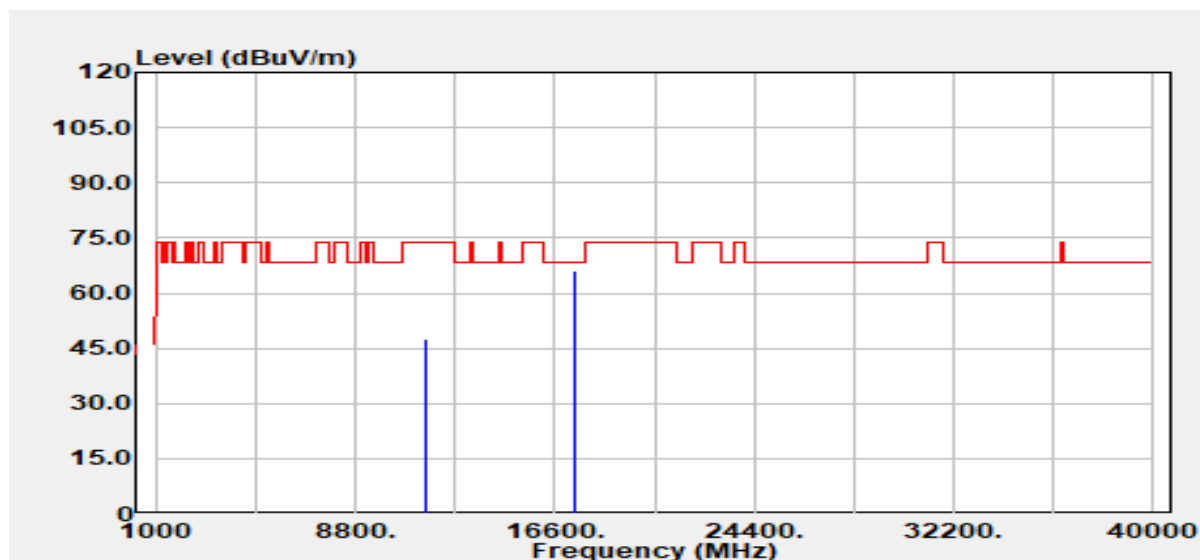


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11570.00     | Peak                         | 28.62                             | 19.31        | 47.94                  | 74.00                  | -26.06       |
| 11570.00     | Average                      | 19.86                             | 19.31        | 39.17                  | 74.00                  | -34.83       |
| 17355.00     | Peak                         | 30.96                             | 35.52        | 66.48                  | 68.20                  | -1.72        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5785 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

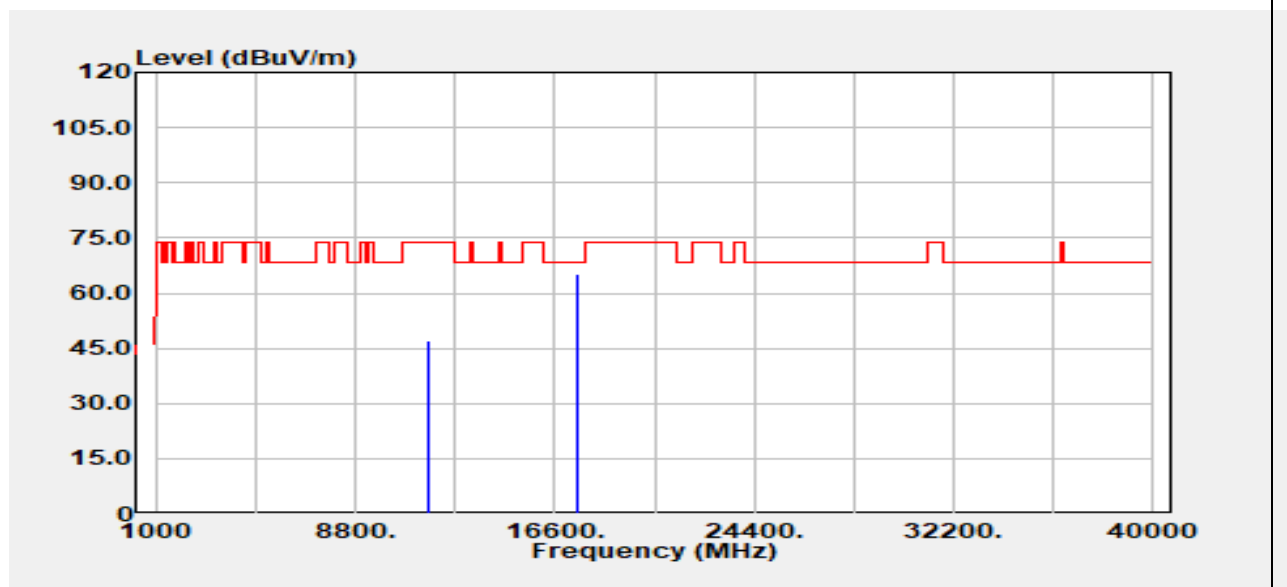


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11570.00     | Peak                         | 28.10                             | 19.31        | 47.42                  | 74.00                  | -26.58       |
| 11570.00     | Average                      | 19.87                             | 19.31        | 39.18                  | 74.00                  | -34.82       |
| 17355.00     | Peak                         | 30.37                             | 35.52        | 65.89                  | 68.20                  | -2.31        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Vertical                | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

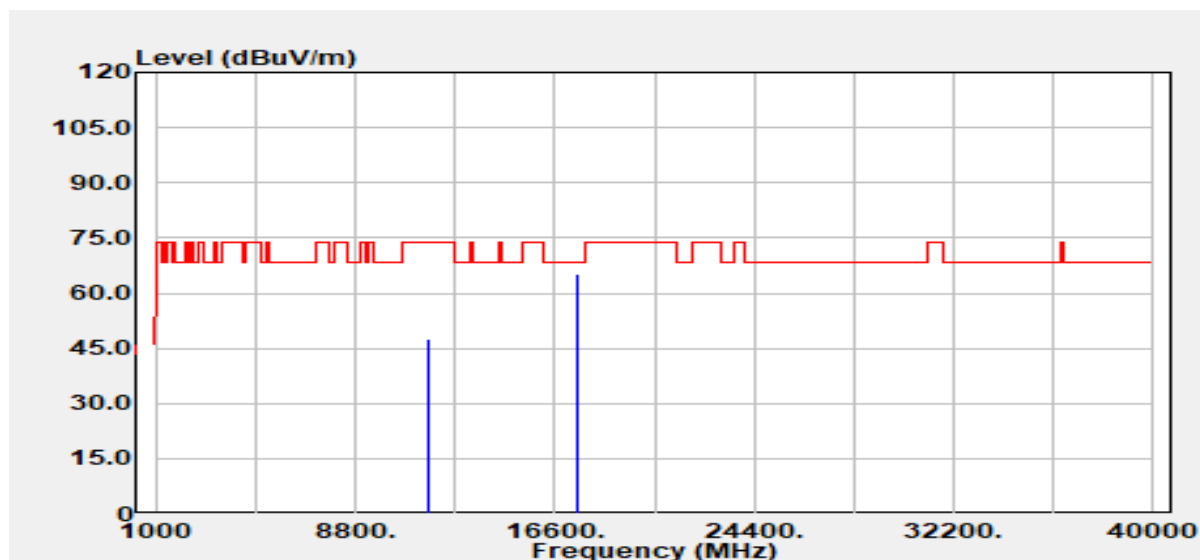


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11650.00     | Peak                         | 27.63                             | 19.29        | 46.92                  | 74.00                  | -27.08       |
| 11650.00     | Average                      | 19.63                             | 19.29        | 38.92                  | 74.00                  | -35.08       |
| 17475.00     | Peak                         | 30.27                             | 34.91        | 65.17                  | 68.20                  | -3.03        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                         |               |                  |
|-----------|-------------------------|---------------|------------------|
| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                | Test Date     | October 27, 2022 |
| Polarize  | Horizontal              | Test Engineer | Tony Chao        |
| Detector  | Peak & Average          |               |                  |

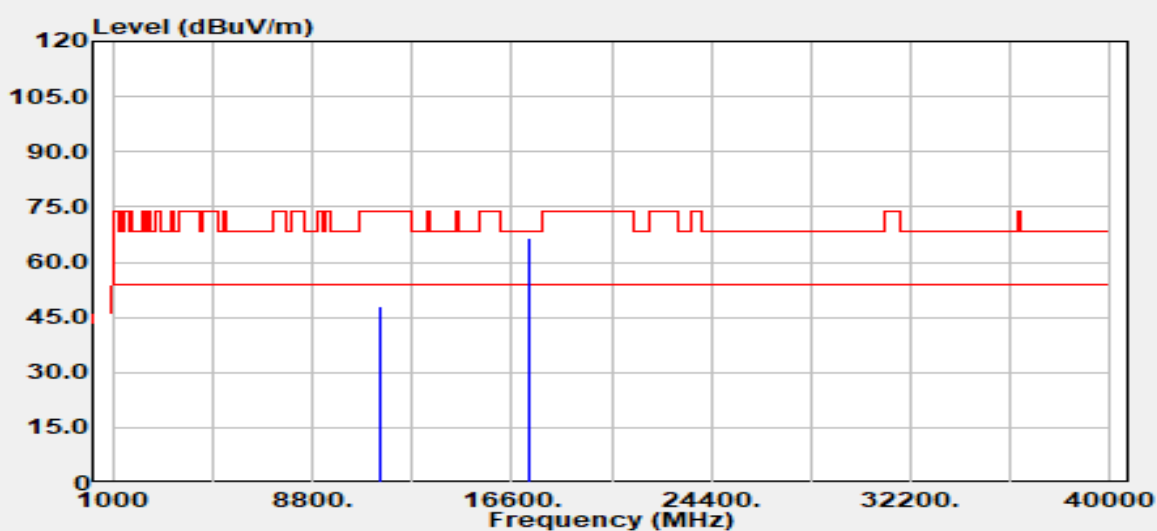


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>@3m<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11650.00     | Peak                         | 28.12                             | 19.29        | 47.41                  | 74.00                  | -26.59       |
| 11650.00     | Average                      | 19.73                             | 19.29        | 39.02                  | 74.00                  | -34.98       |
| 17475.00     | Peak                         | 30.51                             | 34.91        | 65.42                  | 68.20                  | -2.78        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Vertical                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

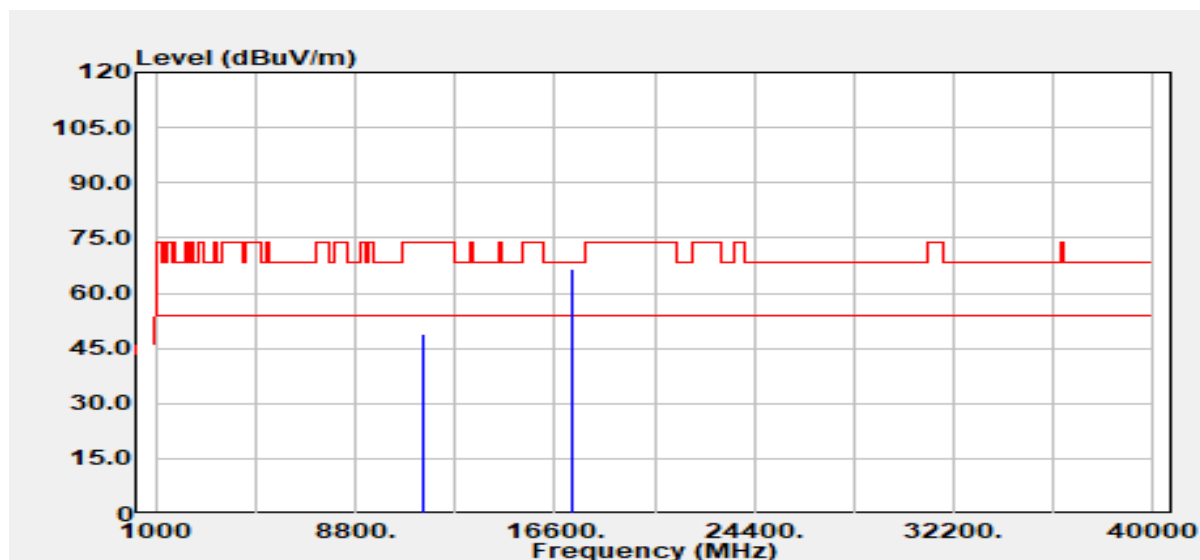


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11490.00     | Peak                         | 28.93                             | 19.20        | 48.13                  | 74.00                  | -25.87       |
| 11490.00     | Average                      | 21.62                             | 19.20        | 40.82                  | 54.00                  | -13.18       |
| 17235.00     | Peak                         | 31.28                             | 35.48        | 66.76                  | 68.20                  | -1.44        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                |               |                  |
|-----------|--------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                       | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                     | Test Engineer | Ray Li           |
| Detector  | Peak & Average                 |               |                  |

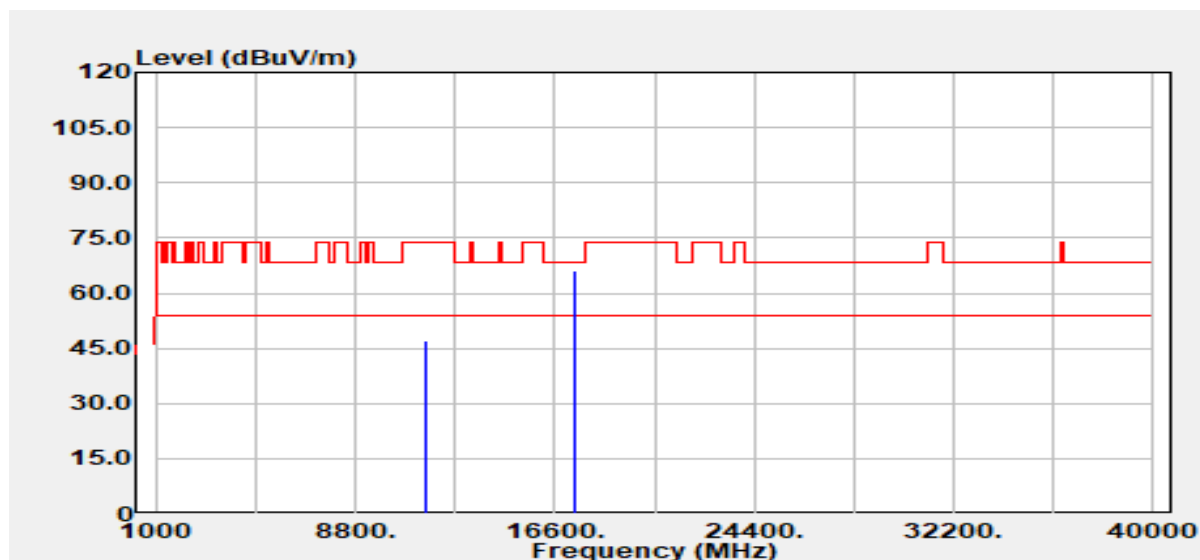


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11490.00     | Peak                         | 29.88                             | 19.20        | 49.08                  | 74.00                  | -24.92       |
| 11490.00     | Average                      | 21.58                             | 19.20        | 40.78                  | 54.00                  | -13.22       |
| 17235.00     | Peak                         | 30.90                             | 35.48        | 66.38                  | 68.20                  | -1.82        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz/<br>5785 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 27, 2022 |
| Polarize  | Vertical                         | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

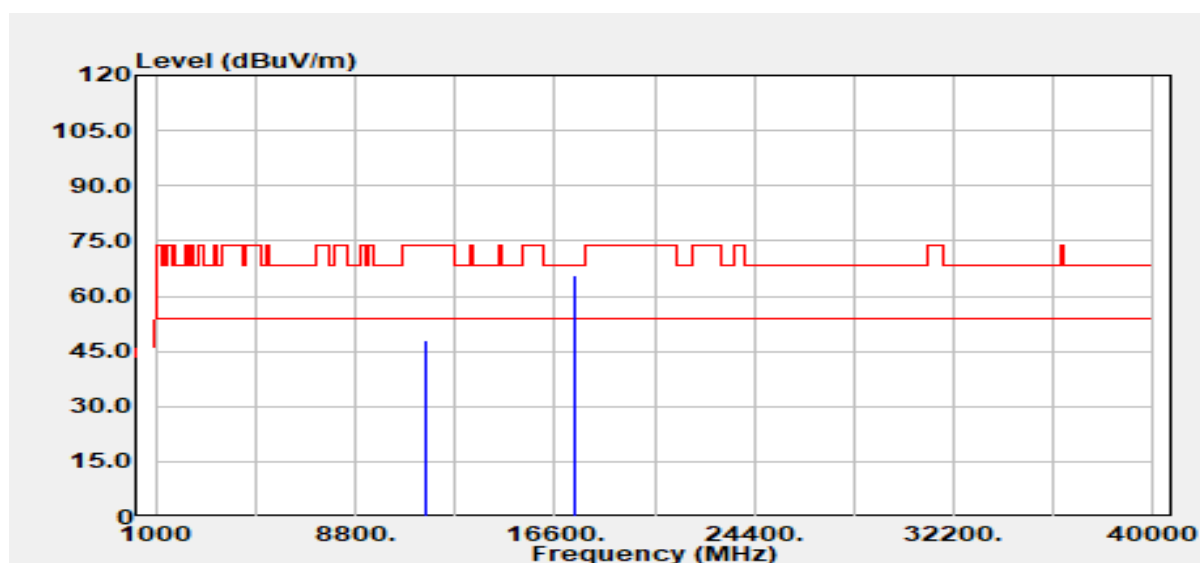


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11570.00     | Peak                         | 27.86                             | 19.31        | 47.17                  | 74.00                  | -26.83       |
| 11570.00     | Average                      | 21.16                             | 19.31        | 40.47                  | 54.00                  | -13.53       |
| 17355.00     | Peak                         | 30.68                             | 35.52        | 66.19                  | 68.20                  | -2.01        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz/<br>5785 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

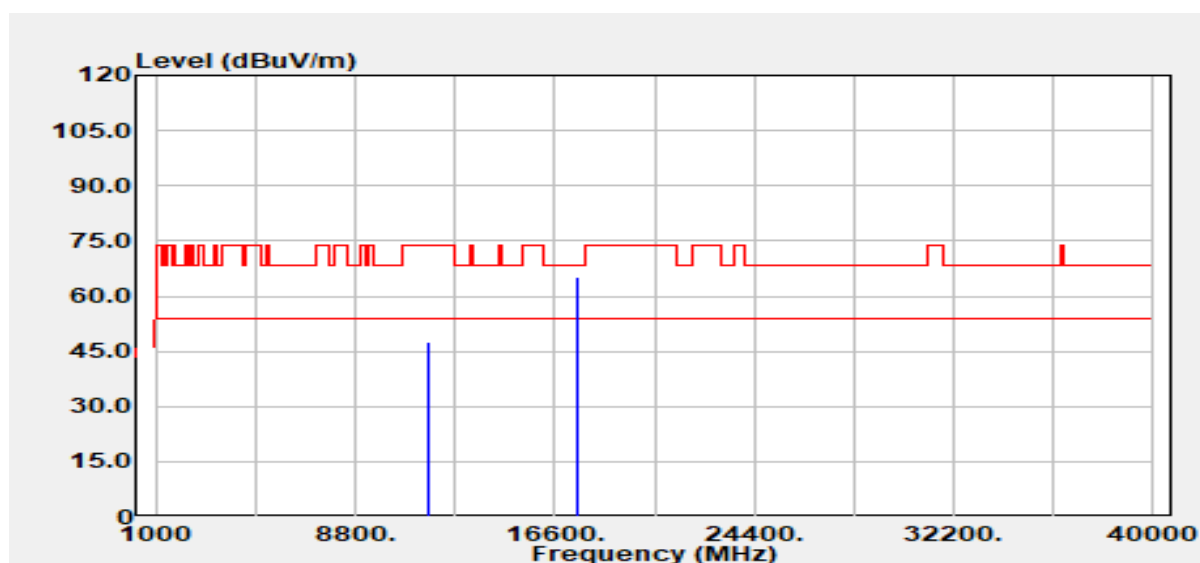


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11570.00     | Peak                         | 28.47                             | 19.31        | 47.78                  | 74.00                  | -26.22       |
| 11570.00     | Average                      | 21.18                             | 19.31        | 40.49                  | 54.00                  | -13.51       |
| 17355.00     | Peak                         | 30.21                             | 35.52        | 65.72                  | 68.20                  | -2.48        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz/<br>5825 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 27, 2022 |
| Polarize  | Vertical                         | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

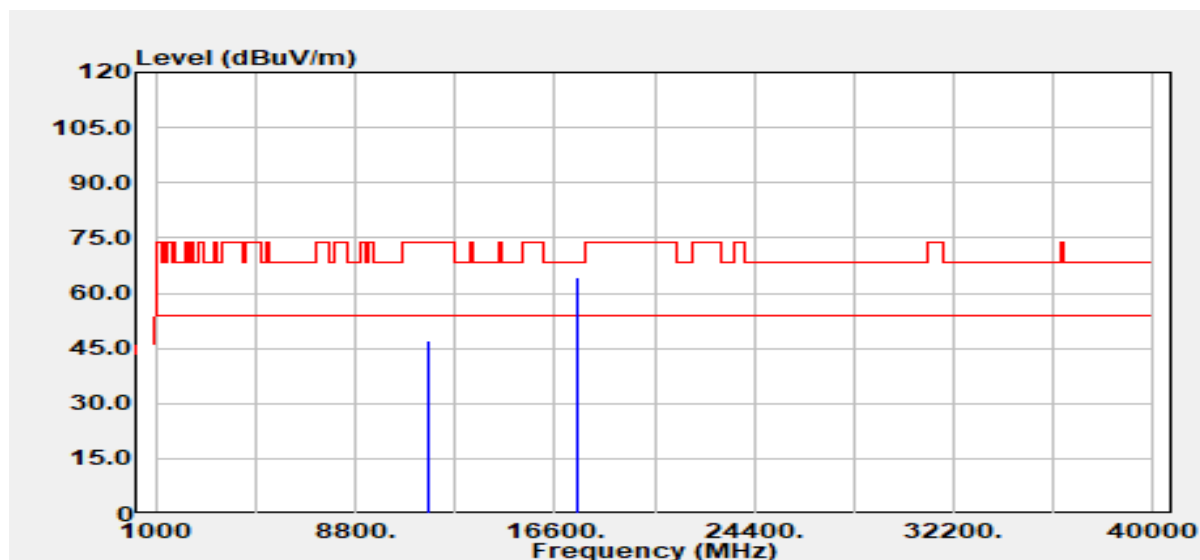


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11650.00     | Peak                         | 28.47                             | 19.29        | 47.76                  | 74.00                  | -26.24       |
| 11650.00     | Average                      | 21.17                             | 19.29        | 40.46                  | 54.00                  | -13.54       |
| 17475.00     | Peak                         | 30.18                             | 34.91        | 65.09                  | 68.20                  | -3.11        |
| N/A          |                              |                                   |              |                        |                        |              |

#### Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 20 MHz/<br>5825 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 27, 2022 |
| Polarize  | Horizontal                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

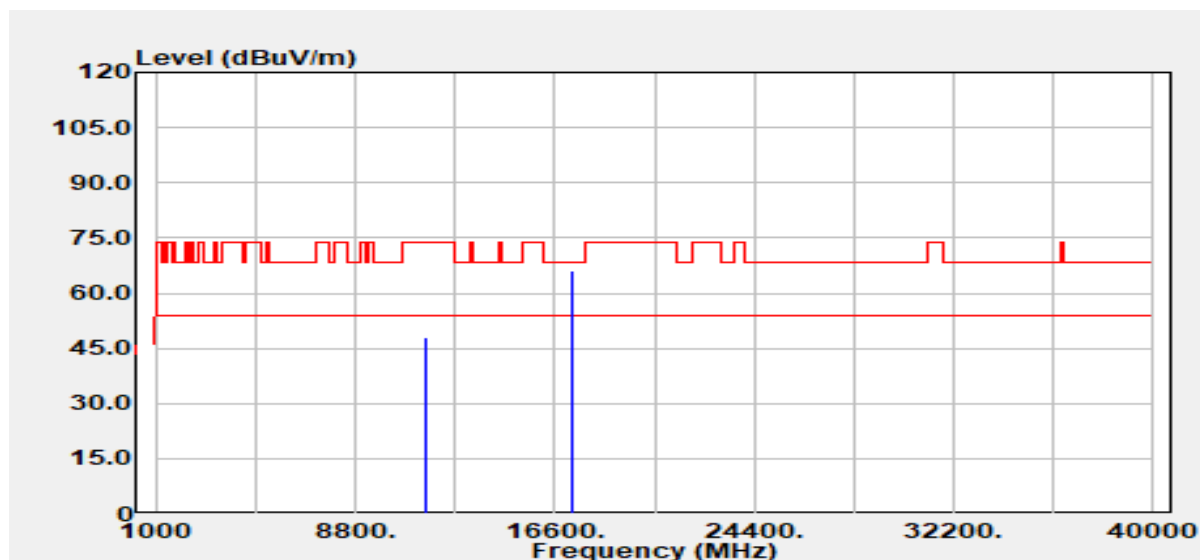


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11650.00     | Peak                         | 27.60                             | 19.29        | 46.89                  | 74.00                  | -27.11       |
| 11650.00     | Average                      | 21.42                             | 19.29        | 40.71                  | 54.00                  | -13.29       |
| 17475.00     | Peak                         | 29.50                             | 34.91        | 64.40                  | 68.20                  | -3.80        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5755 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 28, 2022 |
| Polarize  | Vertical                         | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

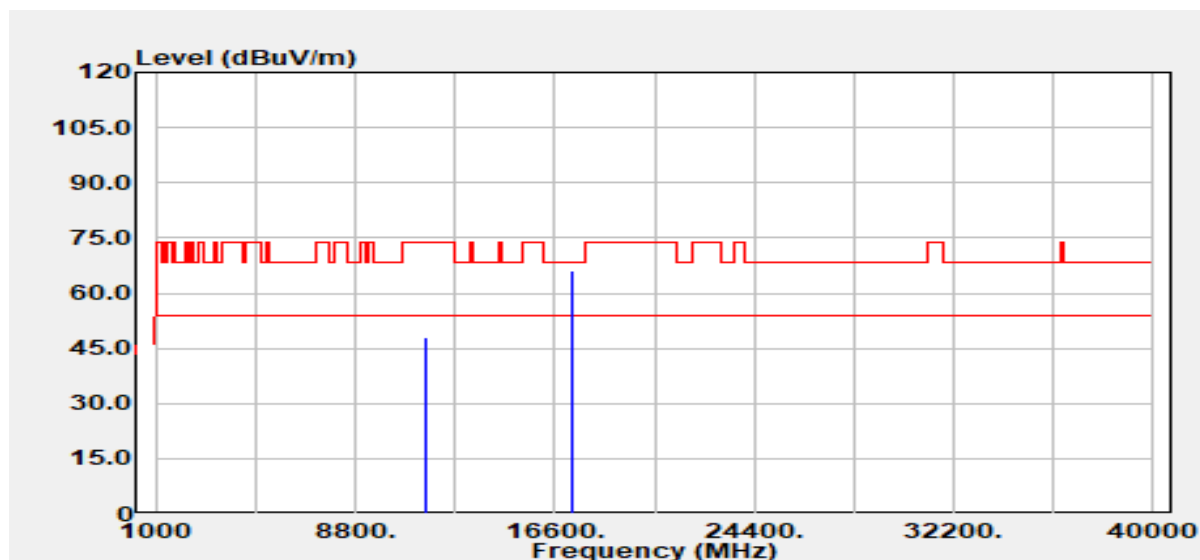


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------------|--------------|------------------------------|------------------------------|--------------|
| 11510.00     | Peak                         | 28.66                                   | 19.22        | 47.89                        | 74.00                        | -26.11       |
| 11510.00     | Average                      | 21.73                                   | 19.22        | 40.95                        | 54.00                        | -13.05       |
| 17265.00     | Peak                         | 30.48                                   | 35.57        | 66.05                        | 68.20                        | -2.15        |
| N/A          |                              |                                         |              |                              |                              |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5755 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

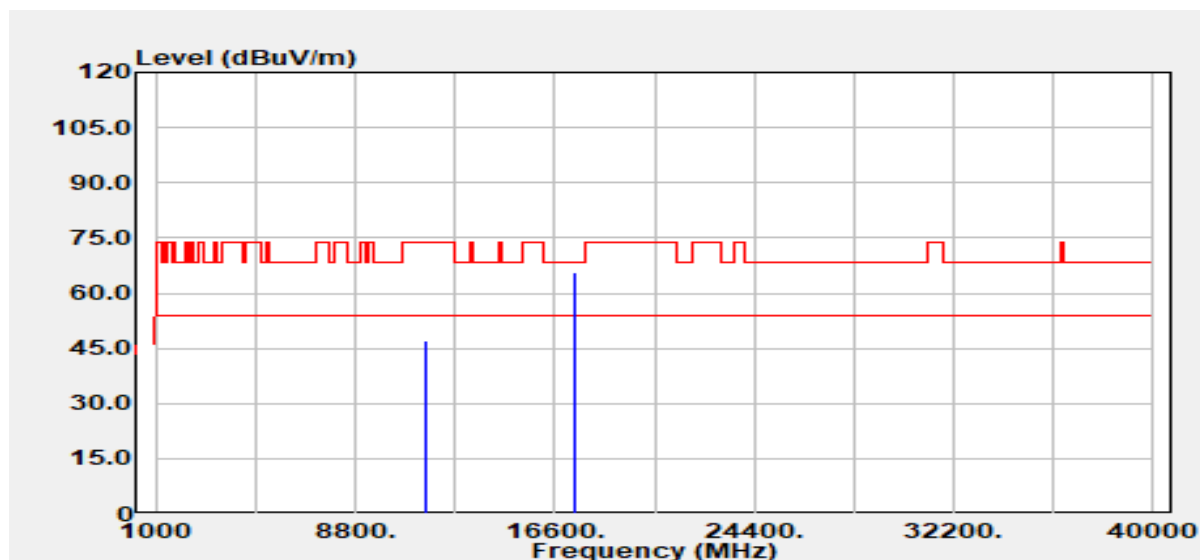


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11510.00     | Peak                         | 28.99                             | 19.22        | 48.21                  | 74.00                  | -25.79       |
| 11510.00     | Average                      | 21.76                             | 19.22        | 40.98                  | 54.00                  | -13.02       |
| 17265.00     | Peak                         | 30.48                             | 35.57        | 66.05                  | 68.20                  | -2.15        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5795 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 28, 2022 |
| Polarize  | Vertical                         | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

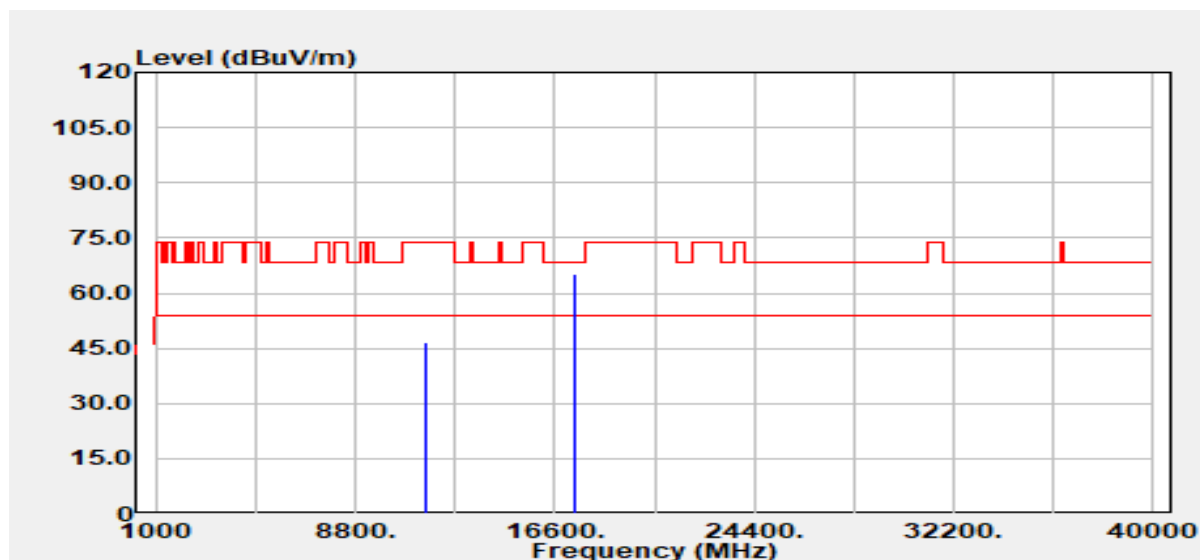


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11590.00     | Peak                         | 27.75                             | 19.34        | 47.09                  | 74.00                  | -26.91       |
| 11590.00     | Average                      | 21.32                             | 19.34        | 40.67                  | 54.00                  | -13.33       |
| 17385.00     | Peak                         | 30.35                             | 35.37        | 65.72                  | 68.20                  | -2.48        |
| N/A          |                              |                                   |              |                        |                        |              |

**Remark:**

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11n 40 MHz/<br>5795 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

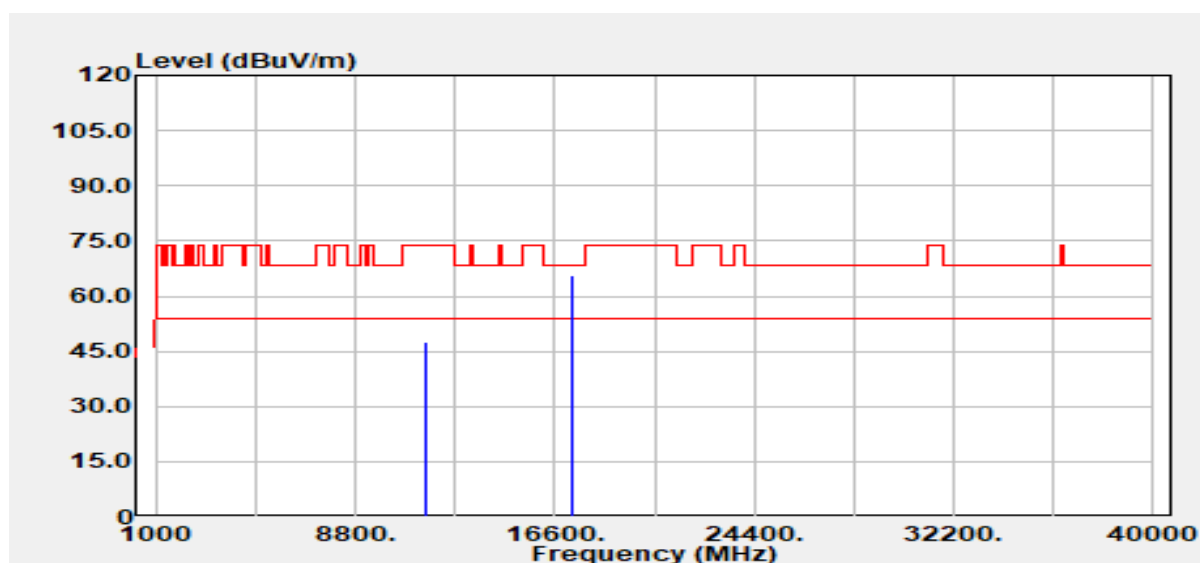


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11590.00     | Peak                         | 27.28                             | 19.34        | 46.62                  | 74.00                  | -27.38       |
| 11590.00     | Average                      | 21.30                             | 19.34        | 40.64                  | 54.00                  | -13.36       |
| 17385.00     | Peak                         | 30.06                             | 35.37        | 65.43                  | 68.20                  | -2.77        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80/<br>5775 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 28, 2022 |
| Polarize  | Vertical                         | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |

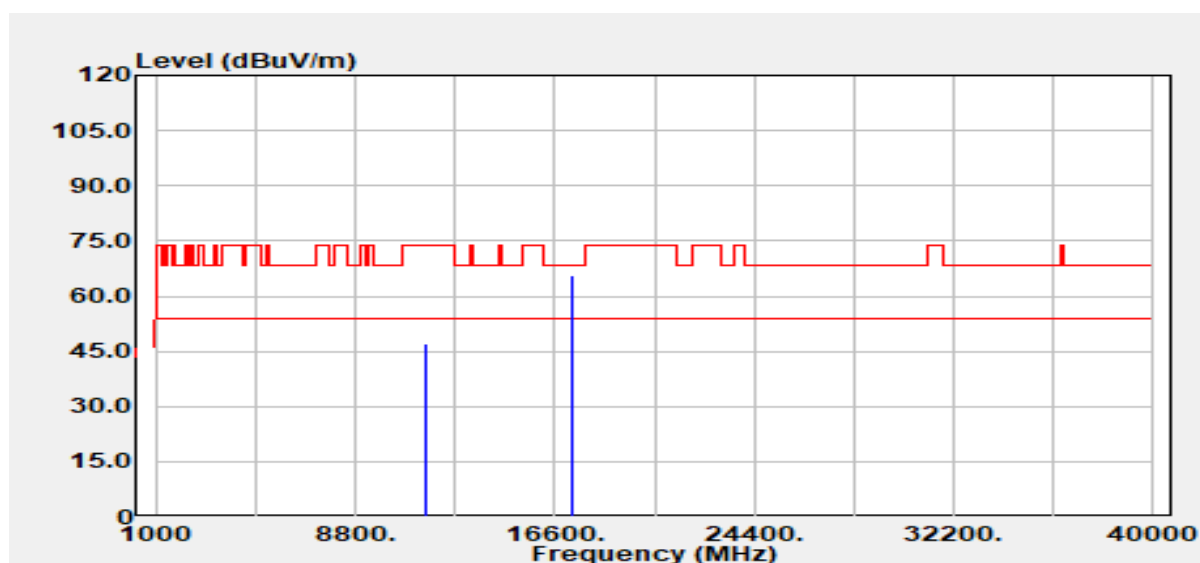


| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11550.00     | Peak                         | 28.36                             | 19.28        | 47.64                  | 74.00                  | -26.36       |
| 11550.00     | Average                      | 21.74                             | 19.28        | 41.02                  | 54.00                  | -12.98       |
| 17325.00     | Peak                         | 30.11                             | 35.59        | 65.70                  | 68.20                  | -2.50        |
| N/A          |                              |                                   |              |                        |                        |              |

#### Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

|           |                                  |               |                  |
|-----------|----------------------------------|---------------|------------------|
| Test Mode | IEEE 802.11ac VHT80/<br>5775 MHz | Temp/Hum      | 24.8(°C)/ 61%RH  |
| Test Item | Harmonic                         | Test Date     | October 28, 2022 |
| Polarize  | Horizontal                       | Test Engineer | Ray Li           |
| Detector  | Peak & Average                   |               |                  |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBPV | Factor<br>dB | Actual<br>FS<br>dBPV/m | Limit<br>@3m<br>dBPV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 11550.00     | Peak                         | 27.87                             | 19.28        | 47.15                  | 74.00                  | -26.85       |
| 11550.00     | Average                      | 21.75                             | 19.28        | 41.03                  | 54.00                  | -12.97       |
| 17325.00     | Peak                         | 30.24                             | 35.59        | 65.83                  | 68.20                  | -2.37        |
| N/A          |                              |                                   |              |                        |                        |              |

## Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

- End of Test Report -