

# **TEST REPORT**

**Report Number:** R16213430-E1

**Applicant :** Garmin International Inc.  
1200 East 151st Street  
Olathe, KS 66062-3426, USA

**Model :** A05418

**FCC ID :** IPH-05418

**IC :** 1792A-05418

**EUT Description :** Extremity Worn Digital Transceiver

**Test Standard(s) :** FCC 47 CFR PART 15 SUBPART C  
ISED RSS-247 ISSUE 4  
ISED RSS-GEN ISSUE 5 + A1 + A2

**Date Of Issue:**  
2026-07-07

**Prepared by:**  
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## REPORT REVISION HISTORY

| Rev. | Issue<br>Date | Revisions            | Revised By       |
|------|---------------|----------------------|------------------|
| V1   | 2026-07-02    | Initial Issue        | Chandler Stanley |
| V2   | 2026-07-07    | Updated Antenna Type | Chandler Stanely |

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## 1. ATTESTATION OF TEST RESULTS

**COMPANY NAME:** Garmin International Inc.  
1200 East 151st Street  
Olathe, KS 66062-3426, USA

**EUT DESCRIPTION:** Extremity Worn Digital Transceiver

**MODEL:** A05418

**SERIAL NUMBER:** 3532236040, 3532236182

**SAMPLE RECEIPT DATE:** 2026-06-02 and 2026-06-08

**DATE TESTED:** 2026-06-10 to 2026-06-24

| APPLICABLE STANDARDS           |                    |
|--------------------------------|--------------------|
| STANDARD                       | TEST RESULTS       |
| CFR 47 Part 15 Subpart C       |                    |
| ISED RSS-247 Issue 4           | Refer to Section 2 |
| ISED RSS-GEN Issue 5 + A1 + A2 |                    |

UL LLC tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the sample tested, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to ensure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL LLC and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL LLC will constitute fraud and shall nullify the document.

Approved & Released  
For UL LLC By:

Prepared By:



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Project Engineer  
Consumer, Medical and IT Segment  
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Engineer Project Associate  
Consumer, Medical and IT Segment  
UL LLC

## 2. TEST RESULTS SUMMARY

This report contains info provided by the customer which can impact the validity of results. UL LLC is only responsible for the validity of results after the integration of the data provided by the customer.

Below is a list of the data/info provided by the customer:

- 1)Antenna gain and type (see section 6.3)
- 2)Worst-case data rates (see section 6.5)

| FCC Clause     | ISED Clause       | Requirement                  | Result                  | Comment                              |
|----------------|-------------------|------------------------------|-------------------------|--------------------------------------|
| See Comment    |                   | Duty Cycle                   | Reporting purposes only | ANSI C63.10 Section 11.6.            |
| -              | RSS-GEN 6.7       | 99% OBW                      | Reporting purposes only | ANSI C63.10 Section 6.9.3.           |
| 15.247 (a) (2) | RSS-247 6.3.1 (a) | 6dB BW                       | Compliant               | None                                 |
| 15.247 (b) (3) | RSS-247 6.3.2     | Output Power                 |                         |                                      |
| See Comment    |                   | Average power                | Reporting purposes only | Per ANSI C63.10, Section 11.9.2.3.2. |
| 15.247 (e)     | RSS-247 6.3.1 (b) | PSD                          | Compliant               | None                                 |
| 15.247 (d)     | RSS-247 6.6       | Conducted Spurious Emissions |                         |                                      |
| 15.209, 15.205 | RSS-GEN 8.9, 8.10 | Radiated Emissions           |                         |                                      |
| 15.207         | RSS-Gen 8.8       | AC Mains Conducted Emissions |                         |                                      |

## 3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC 47 CFR Part 2, FCC 47 CFR Part 15, FCC ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024, ISED ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024, KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, RSS-GEN Issue 5 + A1 + A2, and RSS-247 Issue 4.

## 4. FACILITIES AND ACCREDITATION

UL LLC is accredited by A2LA, certification # 0751.06, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

|                                     | Address                                                                      | ISED CABID | ISED Company Number | FCC Registration |
|-------------------------------------|------------------------------------------------------------------------------|------------|---------------------|------------------|
| <input type="checkbox"/>            | Building:<br>12 Laboratory Dr<br>Durham, NC 27713, U.S.A                     | US0067     | 2180C               | 825374           |
| <input checked="" type="checkbox"/> | Building:<br>2800 Perimeter Park Dr. Suite B<br>Morrisville, NC 27560, U.S.A |            | 27265               |                  |

## 5. DECISION RULES AND MEASUREMENT UNCERTAINTY

### 5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

### 5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

### 5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| PARAMETER                                | UNCERTAINTY                 |
|------------------------------------------|-----------------------------|
| Radio Frequency (Spectrum Analyzer)      | 141.2 Hz                    |
| Occupied Channel Bandwidth               | 1.22%                       |
| RF output power, conducted               | 1.3 dB (PK)<br>0.45 dB (AV) |
| Power Spectral Density, conducted        | 2.47 dB                     |
| Unwanted Emissions, conducted            | 1.94 dB                     |
| All emissions, radiated                  | 6.01 dB                     |
| Conducted Emissions (0.150-30MHz) - LISN | 3.40 dB                     |
| Temperature                              | 0.57°C                      |
| Humidity                                 | 3.39%                       |
| DC Supply voltages                       | 1.70%                       |
| Time                                     | 3.39%                       |

Uncertainty figures are valid to a confidence level of 95%.

### 5.4. SAMPLE CALCULATION

#### **RADIATED EMISSIONS**

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB)  
– Preamp Gain (dB)  
 $36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$

#### **MAINS CONDUCTED EMISSIONS**

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN  
Insertion Loss.  
 $36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$

## 6. EQUIPMENT UNDER TEST

### 6.1. EUT DESCRIPTION

The EUT is an extremity worn digital transceiver with BT, BLE, ANT/ANT+, 802.11b/g/n 2.4GHz WLAN, NFC, and Global Navigation Satellite System (GNSS) receiver. This report covers full testing on the ANT/ANT+, BLE, and 2.4GHz WLAN radios.

### 6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

| Frequency Range (MHz) | Mode         | Output Power (dBm) | Output Power (mW) |
|-----------------------|--------------|--------------------|-------------------|
| 2402 - 2480           | ANT/ANT+     | 5.35               | 3.43              |
| 2402 - 2480           | BLE 1Mbps    | 5.37               | 3.44              |
| 2402 - 2480           | BLE 2Mbps    | 5.39               | 3.46              |
| 2412 - 2472           | 802.11b      | 19.73              | 93.97             |
| 2412 - 2472           | 802.11g      | 21.34              | 136.14            |
| 2412 - 2472           | 802.11n HT20 | 21.51              | 141.58            |

### 6.3. DESCRIPTION OF AVAILABLE ANTENNAS

The antenna's gain and type, as provided by the manufacturer are as follows:  
The radio utilizes an antenna with the following type and maximum gain:

| Type | Frequency Range (MHz) | Maximum 3D Gain (dBi) |
|------|-----------------------|-----------------------|
| Slot | 2402-2480 MHz         | -4.79                 |

### 6.4. SOFTWARE AND FIRMWARE

SW Version: 6.00

### 6.5. WORST-CASE CONFIGURATION AND MODE

Radiated emissions below 1GHz, above 18GHz, and power line conducted emissions were performed with the EUT set to transmit at the channel with highest PSD as worst-case scenario. All radiated emissions below 30 MHz were more than 20 dB below the limit.

Apart from conducted power measurements for 2.4 WLAN, all other conducted measurements were taken at the mid channel power setting (highest) for all channels.

Power is not distributed equally among all channels and therefore radiated spurious emissions between 1GHz and 18GHz were performed on mid channel and the highest power low and high channel for BLE and ANT/ANT+. For each technology, only the mode with the highest PSD was tested for harmonic emissions. Band edge scans were performed on all inner/outer channels up to mid channel power.

The EUT was investigated in three orthogonal axes, X, Y, and Z. The worst-case orientation was determined to be the Z-orientation. Therefore, all testing was performed with the EUT in the Z-orientation.

To reduce the size of report, only representative plots are included for some testing.

## 6.6. DESCRIPTION OF TEST SETUP

### SUPPORT EQUIPMENT

| Support Equipment List |              |             |               |        |
|------------------------|--------------|-------------|---------------|--------|
| Description            | Manufacturer | Model       | Serial Number | FCC ID |
| Power Supply           | PHIHONG      | AQ27A-59CFA | N/A           | N/A    |

### I/O CABLES

| I/O Cable List |             |                      |                |            |                  |                  |
|----------------|-------------|----------------------|----------------|------------|------------------|------------------|
| Cable No.      | Port        | # of Identical Ports | Connector Type | Cable Type | Cable Length (m) | Remarks          |
| 1              | Proprietary | 1                    | Proprietary    | Shielded   | <3m              | Charges to USB-C |

### TEST SETUP

EUT was configured using its own built-in push buttons prior to testing. For final emissions testing, the EUT was connected to AC Mains.

### SETUP DIAGRAMS

Please refer to R16213430-EP1 for setup diagrams

## 7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment were utilized for the tests documented in this report:

### Test Equipment Used - Wireless Conducted Measurement Equipment

| Equipment ID            | Description                                  | Manufacturer          | Model Number       | Last Cal.  | Next Cal.  |
|-------------------------|----------------------------------------------|-----------------------|--------------------|------------|------------|
| <b>Conducted Room 3</b> |                                              |                       |                    |            |            |
| 90411                   | Spectrum Analyzer                            | Keysight Technologies | N9030A             | 2026-03-03 | 2027-03-03 |
| 211057                  | Real-Time Peak Power Sensor<br>50MHz to 8GHz | Boonton               | RTP5000            | 2025-07-30 | 2026-07-30 |
| 245765                  | Environmental Meter                          | Control Company       | 06-662-4           | 2026-03-10 | 2027-03-10 |
| SOFTEMI                 | Station Tool Software                        | UL                    | Version 2026.5.0   | NA         | NA         |
| SOFTEMI                 | Antenna Port Software                        | UL                    | Version 2024.02.23 | NA         | NA         |
| Power Software          | Boonton Power Analyzer                       | Boonton               | Version 3.0.13.0   | NA         | NA         |
| <b>Attenuators</b>      |                                              |                       |                    |            |            |
| Pad III                 | SMA Coaxial 10dB Attenuator                  | CentricRF             | C18S2-10           | 2025-08-18 | 2026-08-18 |

### Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 1)

| Equip. ID                 | Description                                       | Manufacturer      | Model Number              | Last Cal.  | Next Cal.  |
|---------------------------|---------------------------------------------------|-------------------|---------------------------|------------|------------|
| 1-18 GHz                  |                                                   |                   |                           |            |            |
| 88761                     | Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz | ETS Lindgren      | 3117                      | 2025-11-19 | 2027-11-19 |
| 18-26.5 GHz               |                                                   |                   |                           |            |            |
| 204704                    | Horn Antenna, 18-26.5GHz                          | Com Power         | AH-826                    | 2025-07-15 | 2027-07-15 |
| Gain-Loss Chains          |                                                   |                   |                           |            |            |
| 91979                     | Gain-loss string: 1-18GHz                         | Various           | Various                   | 2026-06-02 | 2027-06-02 |
| 135999                    | Gain-loss string: 18-40GHz                        | Various           | Various                   | 2026-06-02 | 2027-06-02 |
| Receiver & Software       |                                                   |                   |                           |            |            |
| 206496                    | Spectrum Analyzer                                 | Rohde & Schwarz   | ESW44                     | 2025-07-29 | 2026-07-29 |
| 206459                    | Spectrum Analyzer                                 | Rohde & Schwarz   | FSW50                     | 2025-09-15 | 2026-09-15 |
| SOFTEMI                   | EMI Software                                      | UL                | Version 9.5 (18 Oct 2021) |            |            |
| Additional Equipment used |                                                   |                   |                           |            |            |
| 241205                    | Environmental Meter                               | Fisher Scientific | 15-077-963                | 2025-08-05 | 2027-08-05 |

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 2)

| Equip. ID                 | Description                                       | Manufacturer/Brand   | Model Number              | Last Cal.  | Next Cal.  |
|---------------------------|---------------------------------------------------|----------------------|---------------------------|------------|------------|
| 0.009-30MHz               |                                                   |                      |                           |            |            |
| 65682                     | Active Loop Antenna                               | ETS-Lindgren         | 6502                      | 2025-10-14 | 2027-10-14 |
| 30-1000 MHz               |                                                   |                      |                           |            |            |
| 159203                    | Hybrid Broadband Antenna                          | Sunol Sciences Corp. | JB3                       | 2026-04-09 | 2028-04-09 |
| 1-18 GHz                  |                                                   |                      |                           |            |            |
| 86408                     | Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz | ETS Lindgren         | 3117                      | 2025-07-15 | 2027-07-15 |
| Gain-Loss Chains          |                                                   |                      |                           |            |            |
| 91975                     | Gain-loss string: 0.009-30MHz                     | Various              | Various                   | 2026-06-01 | 2027-06-01 |
| 91978                     | Gain-loss string: 25-1000MHz                      | Various              | Various                   | 2026-06-01 | 2027-06-01 |
| 91977                     | Gain-loss string: 1-18GHz                         | Various              | Various                   | 2026-06-01 | 2027-06-01 |
| Receiver & Software       |                                                   |                      |                           |            |            |
| 206459                    | Spectrum Analyzer                                 | Rohde & Schwarz      | FSW50                     | 2025-09-15 | 2026-09-15 |
| SOFTEMI                   | EMI Software                                      | UL                   | Version 9.5 (18 Oct 2021) |            |            |
| Additional Equipment used |                                                   |                      |                           |            |            |
| 239540                    | Environmental Meter                               | Fisher Scientific    | 15-077-963                | 2025-08-05 | 2027-08-05 |

Test Equipment Used - Line-Conducted Emissions – Voltage (Morrisville – Conducted 1)

| Equipment ID | Description                                   | Manufacturer        | Model Number              | Last Cal.  | Next Cal.  |
|--------------|-----------------------------------------------|---------------------|---------------------------|------------|------------|
| CBL087       | Coax cable, RG223, N-male to BNC-male, 20-ft. | Pasternack          | PE3W06143-240             | 2026-05-11 | 2027-05-11 |
| 179892       | Environmental Meter                           | Fisher Scientific   | 15-077-963                | 2025-08-05 | 2026-08-06 |
| 80391        | LISN, 50-ohm/50-uH, 2-conductor, 25A          | Fischer Custom Com. | FCC-LISN-50-25-2-01-550V  | 2025-08-01 | 2026-08-01 |
| 75141        | EMI Test Receiver 9kHz-7GHz                   | Rohde & Schwarz     | ESCI 7                    | 2025-07-30 | 2026-07-30 |
| 52859        | Transient Limiter, 0.009-100MHz               | Electro-Metrics     | EM-7600                   | 2026-05-11 | 2027-05-11 |
| PS214        | AC Power Source                               | Elgar               | CW2501M                   | NA         | NA         |
| 84681        | AC Mains Extension Cable                      | UL                  | CDECABLE001               | 2026-05-11 | 2027-05-11 |
| SOFTEMI      | EMI Software                                  | UL                  | Version 9.5 (18 Oct 2021) |            |            |

## 8. MEASUREMENT METHOD

On Time and Duty Cycle: ANSI C63.10-2020 Section 11.6

6 dB BW: ANSI C63.10-2020 Subclause -11.8.1

Occupied BW (99%): ANSI C63.10-2020 Section 6.9.3

Output Power: ANSI C63.10-2020 Subclause -11.9.1.2 Method PKPM1 Peak-reading power meter  
ANSI C63.10-2020 Subclause -11.9.2.3.2 Method AVGPM-G (Measurement using  
a gated RF average-reading power meter)

PSD: ANSI C63.10-2020 Subclause -11.10.2 Method PKPSD (peak PSD)

Conducted emissions non-restricted frequency bands: ANSI C63.10-2020 Subclause -11.11 and 6.10.4

Radiated emissions restricted frequency bands: ANSI C63.10-2020 Subclause -11.12.1 and 6.10.5, 6.3 to 6.6.

AC Power-line conducted emissions: ANSI C63.10-2020, Section 6.2.

## 9. ANTENNA PORT TEST RESULTS

### 9.1. ON TIME AND DUTY CYCLE

#### LIMITS

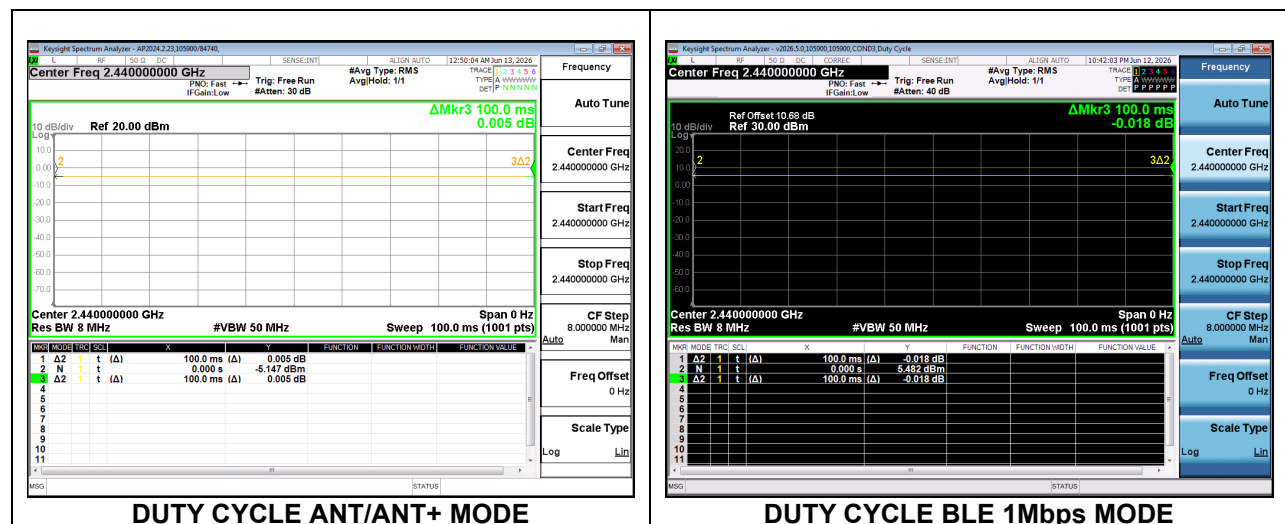
None; for reporting purposes only.

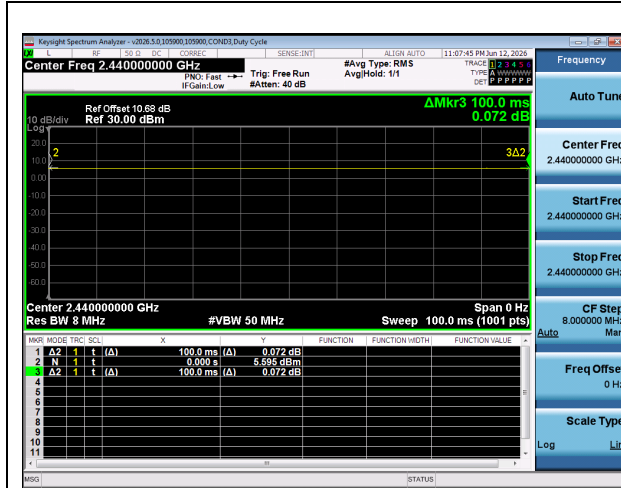
#### PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method.

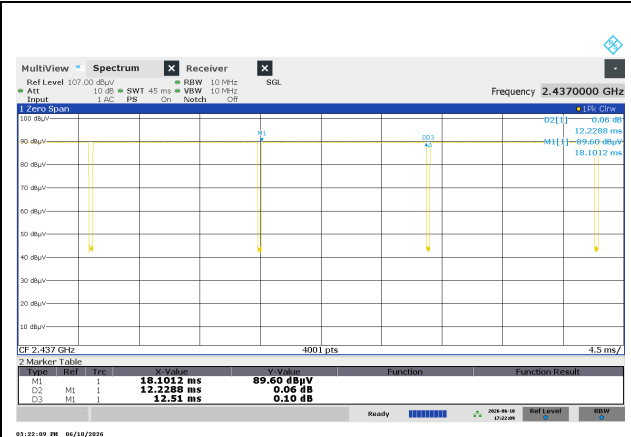
| Mode         | ON Time B (ms) | Period (ms) | Duty Cycle x (linear) | Duty Cycle (%) | Voltage Duty Cycle Correction Factor (dB) | RMS Duty Cycle Correction Factor (dB) |
|--------------|----------------|-------------|-----------------------|----------------|-------------------------------------------|---------------------------------------|
| ANT/ANT+     | 100.000        | 100.000     | 1.000                 | 100.00         | 0.00                                      | 0.00                                  |
| BLE 1Mbps    | 100.000        | 100.000     | 1.000                 | 100.00         | 0.00                                      | 0.00                                  |
| BLE 2Mbps    | 100.000        | 100.000     | 1.000                 | 100.00         | 0.00                                      | 0.00                                  |
| 802.11b      | 12.228         | 12.510      | 0.977                 | 97.70          | 0.20                                      | 0.10                                  |
| 802.11g      | 2.033          | 2.153       | 0.944                 | 94.40          | 0.50                                      | 0.25                                  |
| 802.11n HT20 | 1.890          | 2.030       | 0.931                 | 93.10          | 0.62                                      | 0.31                                  |

Tester ID: 105900/84740, 115747/11993, 19289  
Test Locations: Conducted 3, Chamber 2, Chamber 4

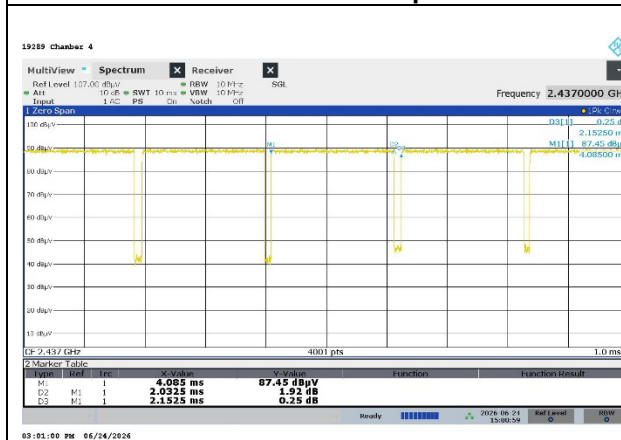




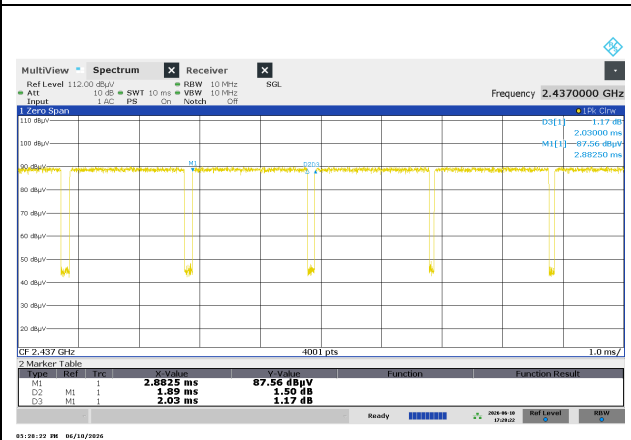
DUTY CYCLE BLE 2Mbps MODE



DUTY CYCLE 802.11b MODE



DUTY CYCLE 802.11g MODE



DUTY CYCLE 802.11n HT20 MODE

## 9.2. 6dB/99% BANDWIDTH

### LIMITS

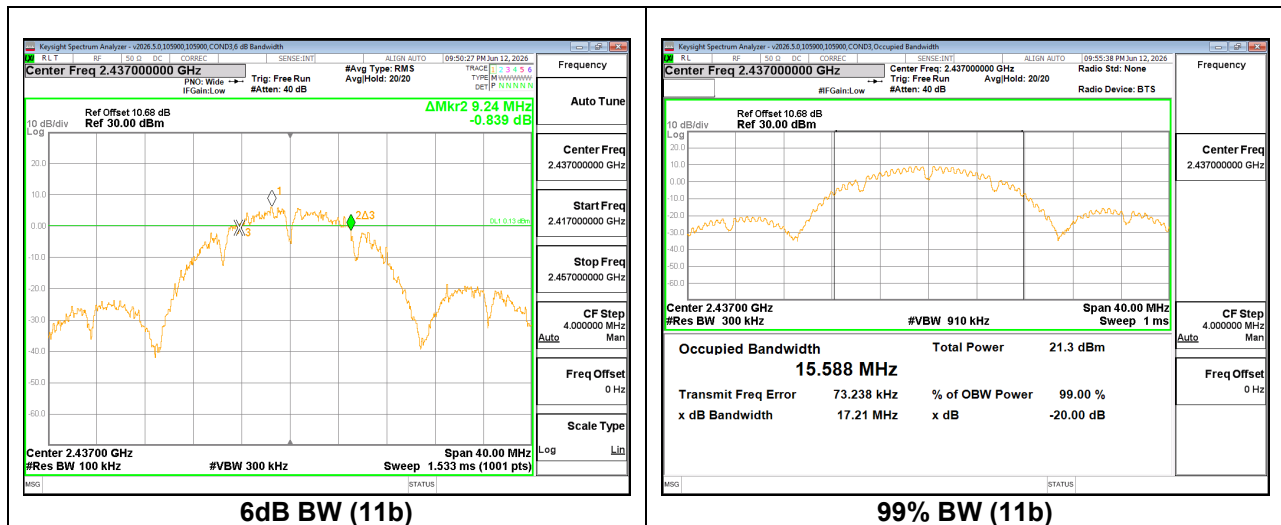
#### 6dB BW:

FCC §15.247 (a) (2)  
RSS-247 5.2 (a)

The minimum 6 dB bandwidth shall be at least 500 kHz.

#### 99% BW:

None; for reporting purposes only.



| Band         | Center Frequency [MHz] | 6dB BW [MHz] | Minimum 6dB BW [MHz] | 99% BW [MHz] | Minimum 99% BW [MHz] |
|--------------|------------------------|--------------|----------------------|--------------|----------------------|
| ANT/ANT+     | 2402                   | 0.825        | 0.822                | 1.3120       | 1.2941               |
|              | 2440                   | 0.822        |                      | 1.2941       |                      |
|              | 2480                   | 0.912        |                      | 1.4923       |                      |
| BLE 1Mbps    | 2402                   | 0.678        | 0.678                | 1.2848       | 1.2848               |
|              | 2440                   | 0.867        |                      | 1.3950       |                      |
|              | 2480                   | 0.783        |                      | 1.3963       |                      |
| BLE 2Mbps    | 2404                   | 1.422        | 1.422                | 2.5961       | 2.5554               |
|              | 2440                   | 1.638        |                      | 2.6681       |                      |
|              | 2478                   | 1.440        |                      | 2.5554       |                      |
| 802.11b      | 2412                   | 8.80         | 6.68                 | 15.516       | 15.057               |
|              | 2437                   | 9.24         |                      | 15.588       |                      |
|              | 2472                   | 6.68         |                      | 15.057       |                      |
| 802.11g      | 2412                   | 16.44        | 16.44                | 16.655       | 16.611               |
|              | 2437                   | 16.48        |                      | 16.627       |                      |
|              | 2472                   | 16.44        |                      | 16.611       |                      |
| 802.11n HT20 | 2412                   | 17.40        | 17.20                | 17.555       | 17.533               |
|              | 2437                   | 17.20        |                      | 17.533       |                      |
|              | 2472                   | 17.40        |                      | 17.548       |                      |

### 9.3. OUTPUT POWER

#### LIMITS

FCC §15.247 (b) (3)  
RSS-247 5.4 (d)

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

| Mode              | Directional<br>Gain<br>[dBi] | FCC Power<br>Limit<br>[dBm] |
|-------------------|------------------------------|-----------------------------|
| ANT/ANT+/BLE/WLAN | -4.79                        | 30.00                       |

#### TEST PROCEDURE

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 10.68 dB (including 10.05 dB pad and 0.63 dB cable) was entered as an offset in the power meter.

The power output was measured on the EUT antenna port using SMA cable and attenuator connected to a power meter via wideband power sensor. Peak output power was read directly from power meter.

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 105900/84740 |
| <b>Test Date:</b>     | 2026-06-12   |

| Mode         | Freq. [MHz] | Output Power [dBm] | Maximum Power Limit [dBm] | Margin [dBm] |
|--------------|-------------|--------------------|---------------------------|--------------|
| ANT/ANT+     | 2402        | 2.22               | 30.00                     | -27.78       |
|              | 2404        | 5.25               | 30.00                     | -24.75       |
|              | 2440        | 5.35               | 30.00                     | -24.65       |
|              | 2478        | 5.33               | 30.00                     | -24.67       |
|              | 2480        | 2.33               | 30.00                     | -27.67       |
| BLE 1Mbps    | 2402        | 2.23               | 30.00                     | -27.77       |
|              | 2404        | 5.28               | 30.00                     | -24.72       |
|              | 2440        | 5.37               | 30.00                     | -24.63       |
|              | 2476        | 5.19               | 30.00                     | -24.81       |
|              | 2478        | 2.33               | 30.00                     | -27.67       |
|              | 2480        | 2.30               | 30.00                     | -27.70       |
| BLE 2Mbps    | 2404        | 5.26               | 30.00                     | -24.74       |
|              | 2440        | 5.39               | 30.00                     | -24.61       |
|              | 2476        | 5.33               | 30.00                     | -24.67       |
|              | 2478        | 1.92               | 30.00                     | -28.08       |
| 802.11b      | 2412        | 19.58              | 30.00                     | -10.42       |
|              | 2437        | 19.27              | 30.00                     | -10.73       |
|              | 2462        | 19.73              | 30.00                     | -10.27       |
|              | 2467        | 18.40              | 30.00                     | -11.60       |
|              | 2472        | 16.70              | 30.00                     | -13.30       |
| 802.11g      | 2412        | 21.34              | 30.00                     | -8.66        |
|              | 2437        | 21.32              | 30.00                     | -8.68        |
|              | 2462        | 21.21              | 30.00                     | -8.79        |
|              | 2467        | 20.43              | 30.00                     | -9.57        |
|              | 2472        | 20.45              | 30.00                     | -9.55        |
| 802.11n HT20 | 2412        | 21.01              | 30.00                     | -8.99        |
|              | 2437        | 21.51              | 30.00                     | -8.49        |
|              | 2462        | 21.48              | 30.00                     | -8.52        |
|              | 2467        | 20.80              | 30.00                     | -9.20        |
|              | 2472        | 20.68              | 30.00                     | -9.32        |

## 9.4. AVERAGE POWER

### LIMITS

None; for reporting purposes only

### TEST PROCEDURE

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 10.68 dB (including 10.05 dB pad and 0.63 dB cable) was entered as an offset in the power meter.

The power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband power sensor. Gated average output power was read directly from power meter.

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 105900/84740 |
| <b>Test Date:</b>     | 2026-06-12   |

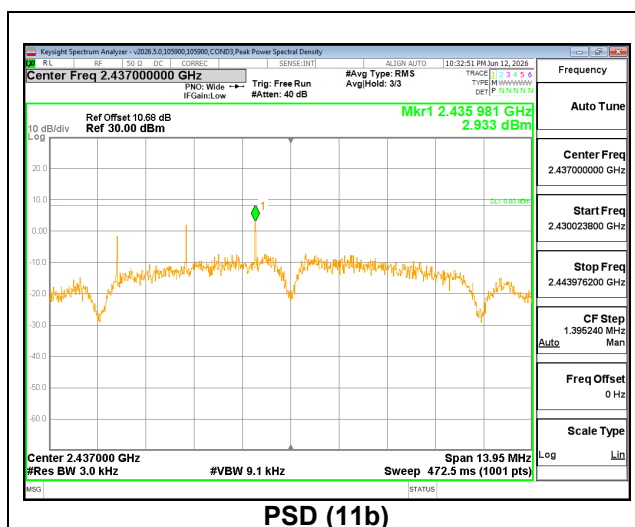
| Mode         | Freq.<br>[MHz] | Average<br>Power<br>[dBm] |
|--------------|----------------|---------------------------|
| ANT/ANT+     | 2402           | 1.84                      |
|              | 2404           | 4.92                      |
|              | 2440           | 5.00                      |
|              | 2478           | 4.97                      |
|              | 2480           | 1.94                      |
| BLE 1Mbps    | 2402           | 1.85                      |
|              | 2404           | 4.93                      |
|              | 2440           | 5.03                      |
|              | 2476           | 4.86                      |
|              | 2478           | 1.94                      |
| BLE 2Mbps    | 2480           | 1.93                      |
|              | 2404           | 4.93                      |
|              | 2440           | 5.04                      |
|              | 2476           | 4.98                      |
| 802.11b      | 2478           | 1.53                      |
|              | 2412           | 17.54                     |
|              | 2437           | 17.21                     |
|              | 2462           | 17.65                     |
|              | 2467           | 16.33                     |
| 802.11g      | 2472           | 14.57                     |
|              | 2412           | 15.41                     |
|              | 2437           | 15.44                     |
|              | 2462           | 15.39                     |
|              | 2467           | 14.76                     |
| 802.11n HT20 | 2472           | 14.68                     |
|              | 2412           | 15.52                     |
|              | 2437           | 15.51                     |
|              | 2462           | 15.45                     |
|              | 2467           | 14.75                     |
|              | 2472           | 14.56                     |

## 9.5. POWER SPECTRAL DENSITY

### LIMITS

FCC §15.247 (e)  
RSS-247 (5.2) (b)

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.



| Mode         | Freq.<br>[MHz] | PSD<br>[dBm] | PSD Limit<br>[dBm] | Margin<br>[dBm] |
|--------------|----------------|--------------|--------------------|-----------------|
| ANT/ANT+     | 2402           | -14.957      | 8.00               | -22.96          |
|              | 2404           | -11.338      | 8.00               | -19.34          |
|              | 2440           | -11.227      | 8.00               | -19.23          |
|              | 2478           | -10.679      | 8.00               | -18.68          |
|              | 2480           | -14.832      | 8.00               | -22.83          |
| BLE 1Mbps    | 2402           | -15.437      | 8.00               | -23.44          |
|              | 2404           | -12.012      | 8.00               | -20.01          |
|              | 2440           | -13.072      | 8.00               | -21.07          |
|              | 2476           | -12.908      | 8.00               | -20.91          |
|              | 2478           | -15.235      | 8.00               | -23.24          |
|              | 2480           | -15.760      | 8.00               | -23.76          |
| BLE 2Mbps    | 2404           | -12.525      | 8.00               | -20.53          |
|              | 2440           | -13.192      | 8.00               | -21.19          |
|              | 2476           | -12.968      | 8.00               | -20.97          |
|              | 2478           | -15.419      | 8.00               | -23.42          |
| 802.11b      | 2412           | -1.929       | 8.00               | -9.93           |
|              | 2437           | 2.933        | 8.00               | -5.07           |
|              | 2472           | -9.503       | 8.00               | -17.50          |
| 802.11g      | 2412           | -9.683       | 8.00               | -17.68          |
|              | 2437           | -9.350       | 8.00               | -17.35          |
|              | 2472           | -9.694       | 8.00               | -17.69          |
| 802.11n HT20 | 2437           | -9.893       | 8.00               | -17.89          |
|              | 2437           | -10.059      | 8.00               | -18.06          |
|              | 2472           | -10.523      | 8.00               | -18.52          |

## **9.6. CONDUCTED SPURIOUS EMISSIONS**

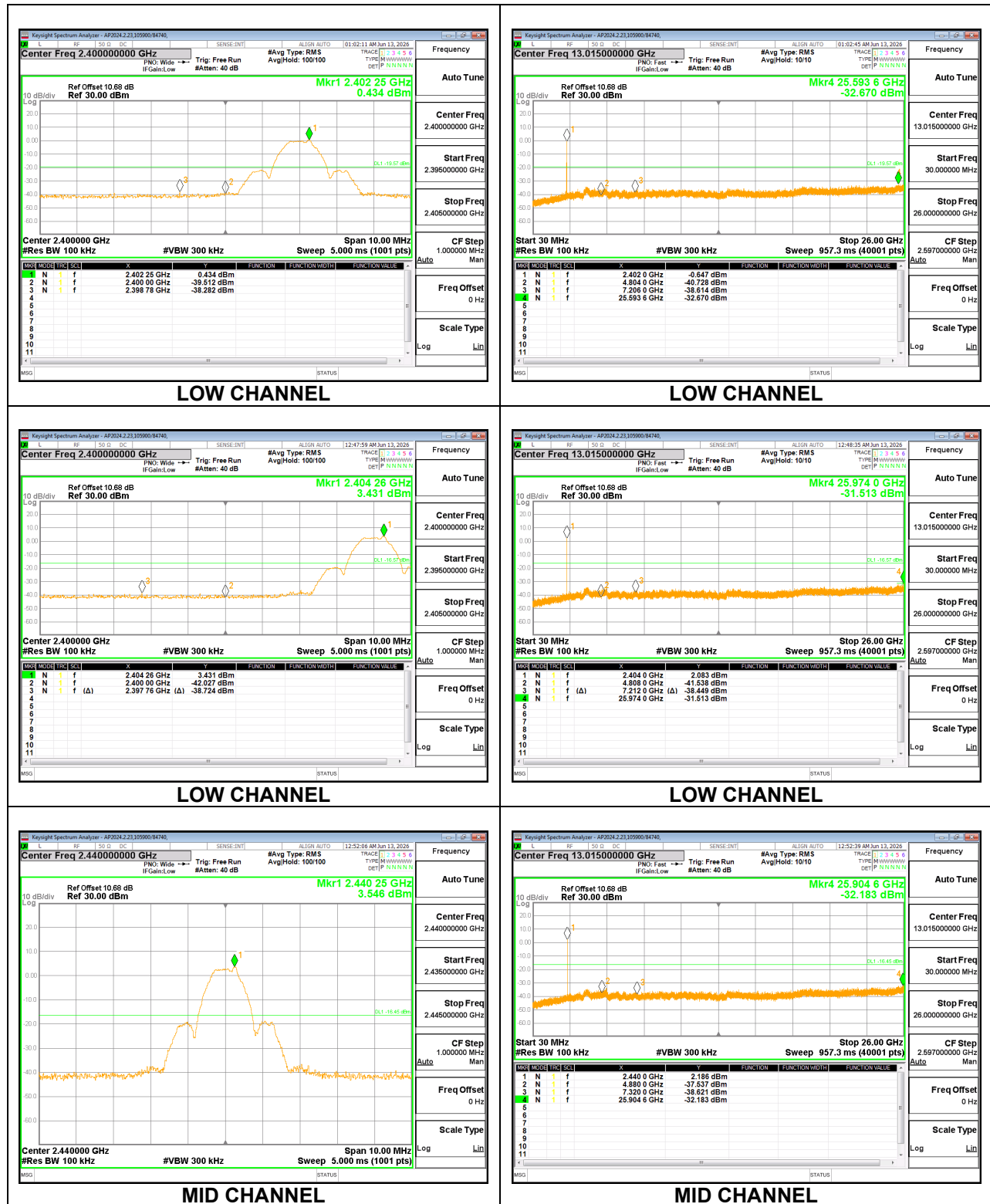
### **LIMITS**

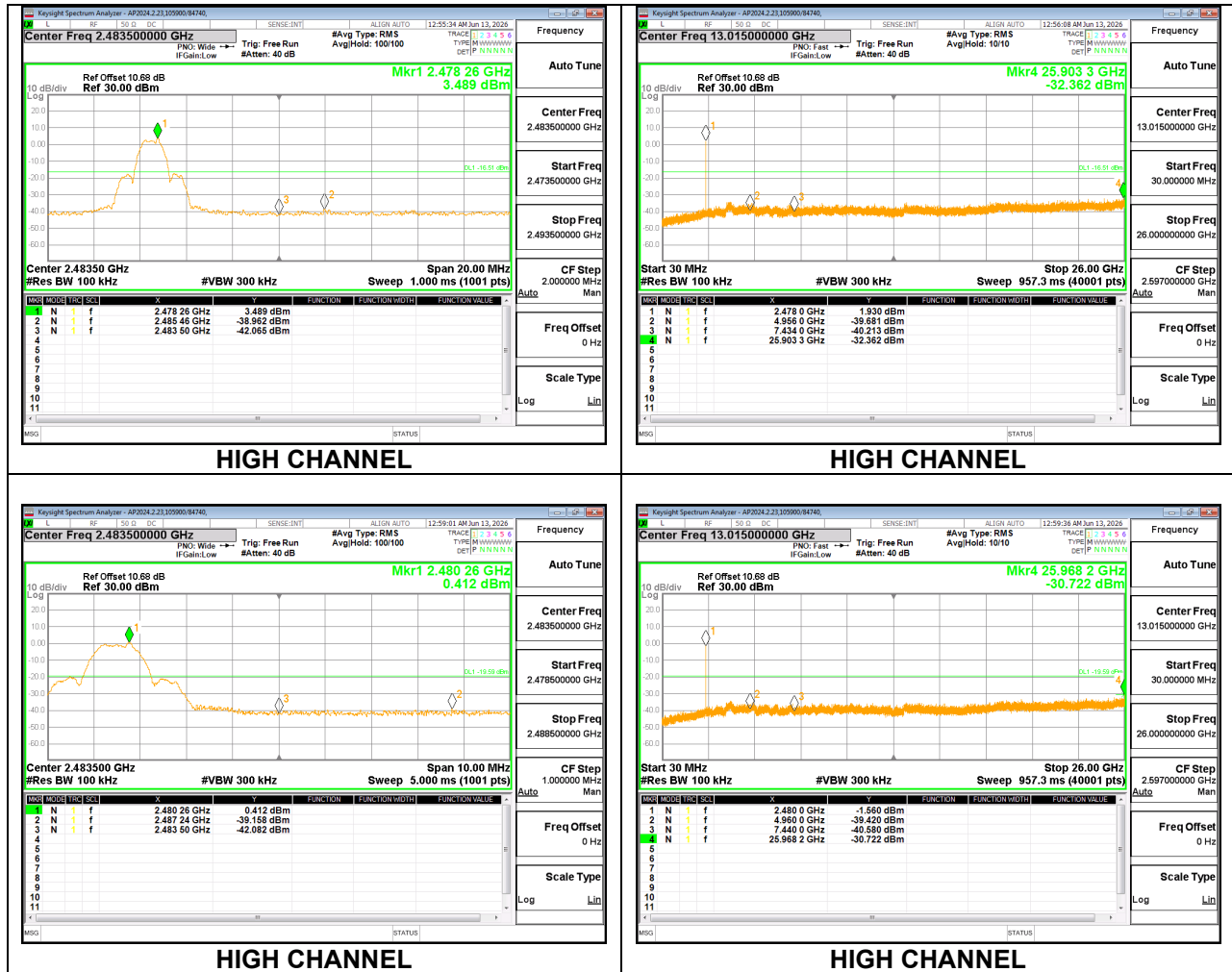
FCC §15.247 (d)  
RSS-247 5.5

Output power was measured based on the use of peak measurement; therefore, the required attenuation is -20 dBc.

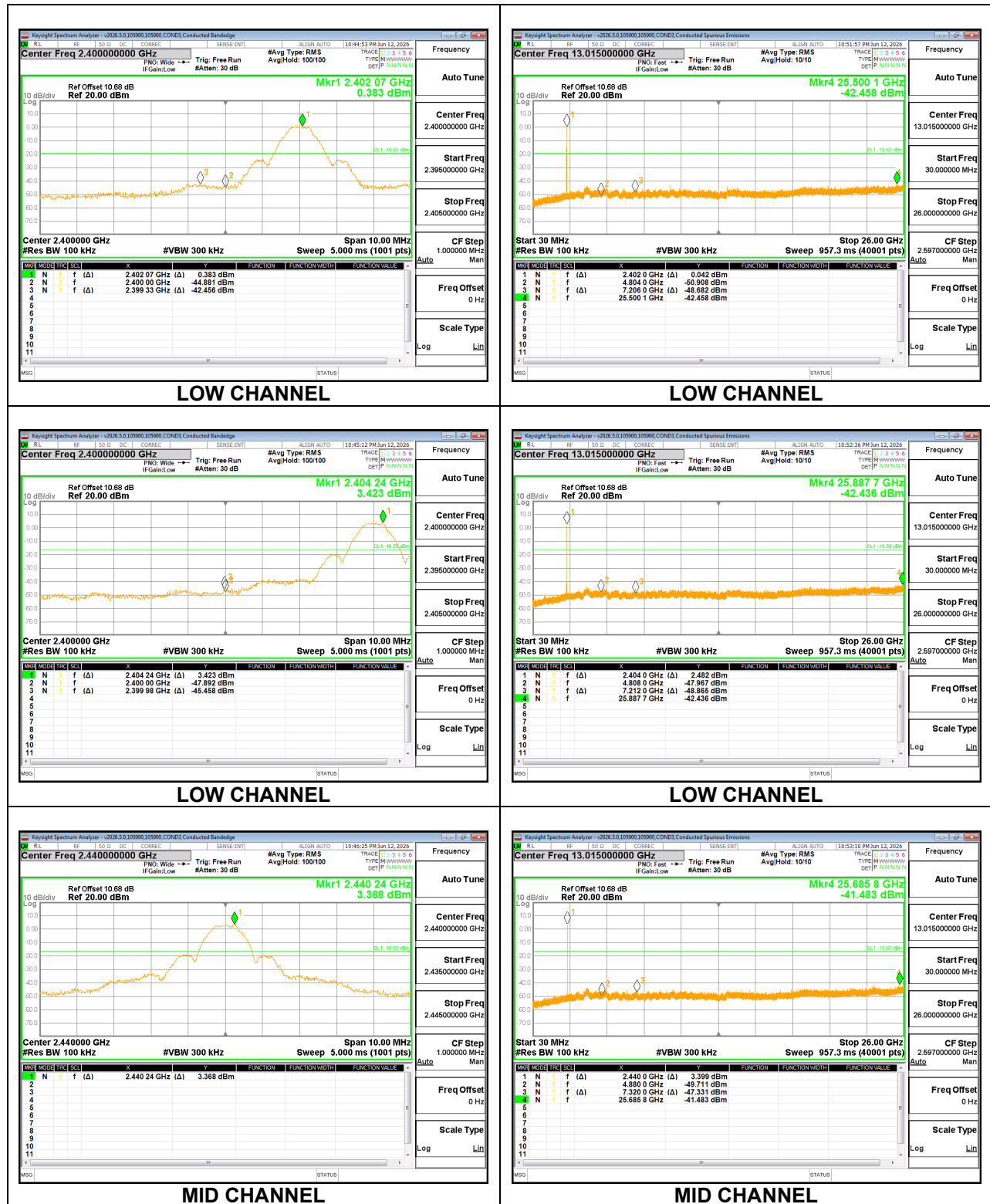
### **RESULTS**

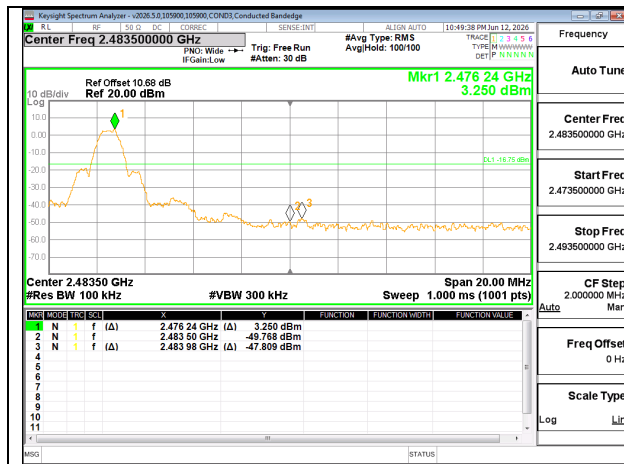
## 9.6.1. ANT/ANT+ MODE



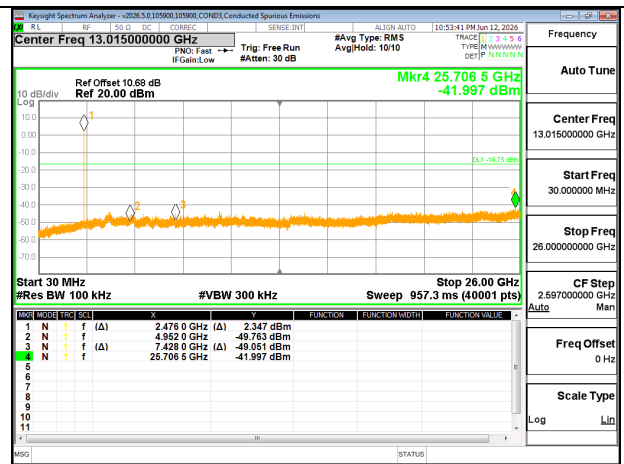


## 9.6.2. BLE 1Mbps MODE

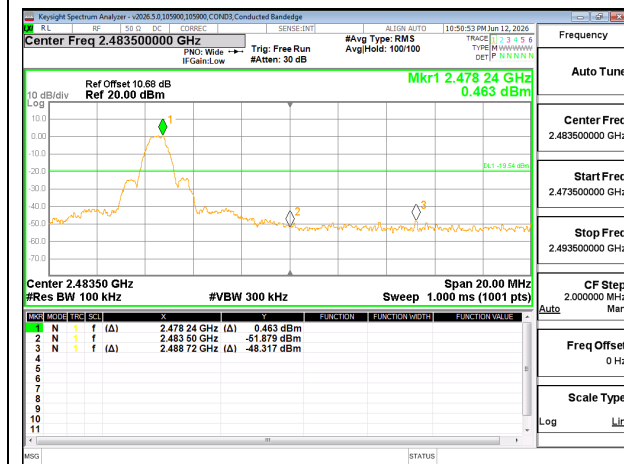




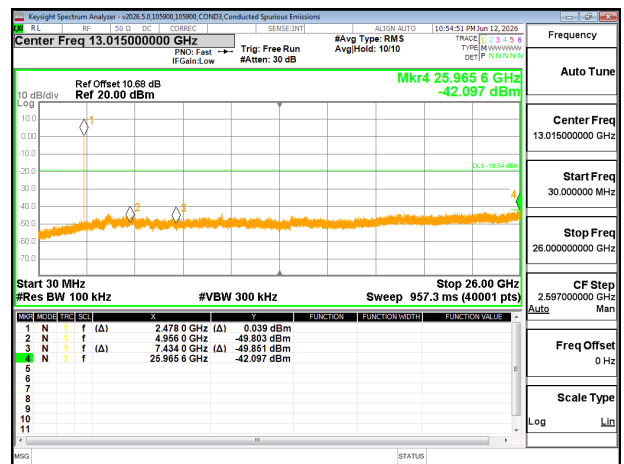
HIGH CHANNEL



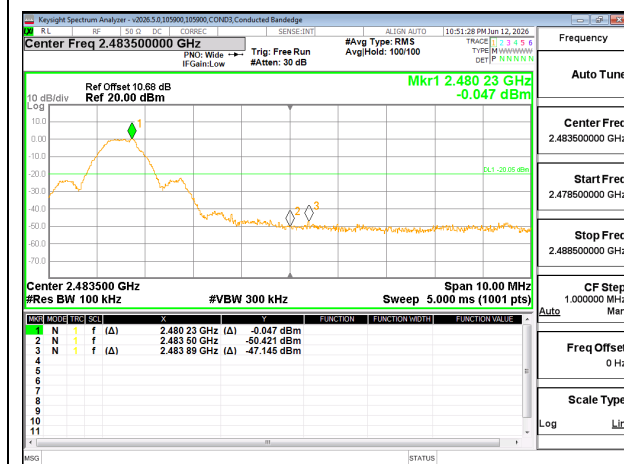
HIGH CHANNEL



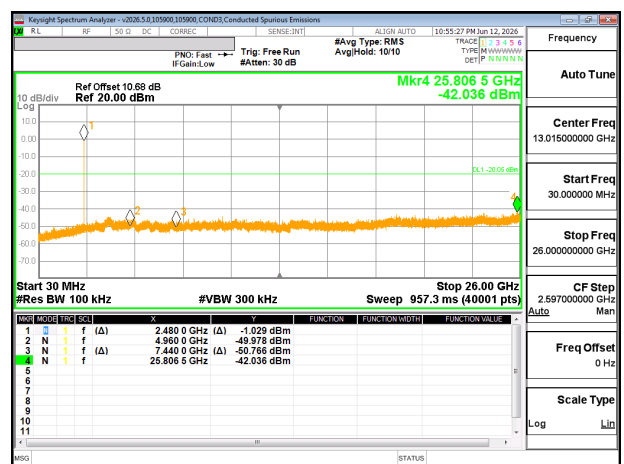
HIGH CHANNEL



HIGH CHANNEL



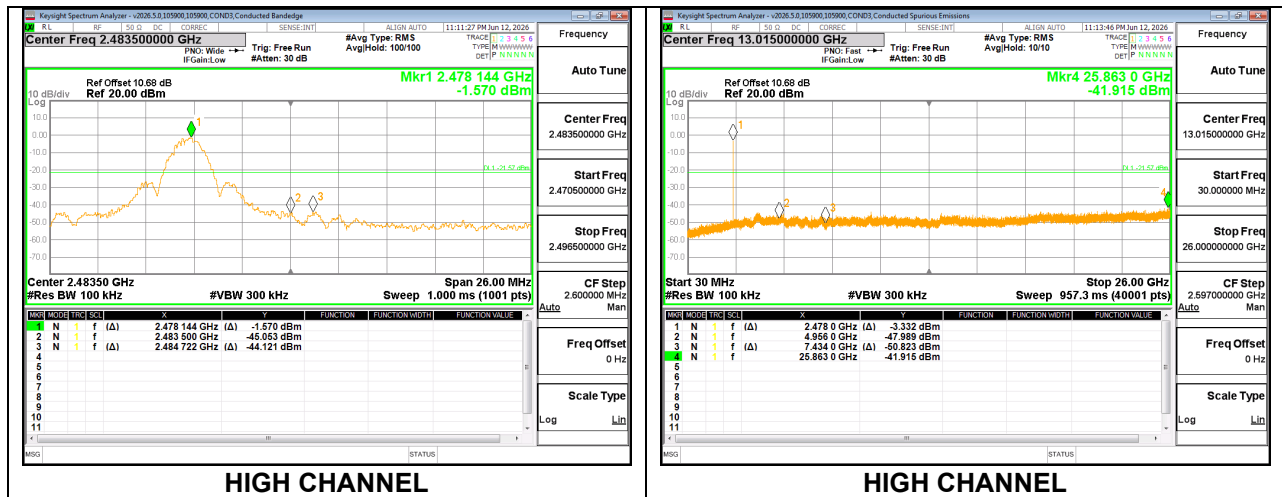
HIGH CHANNEL



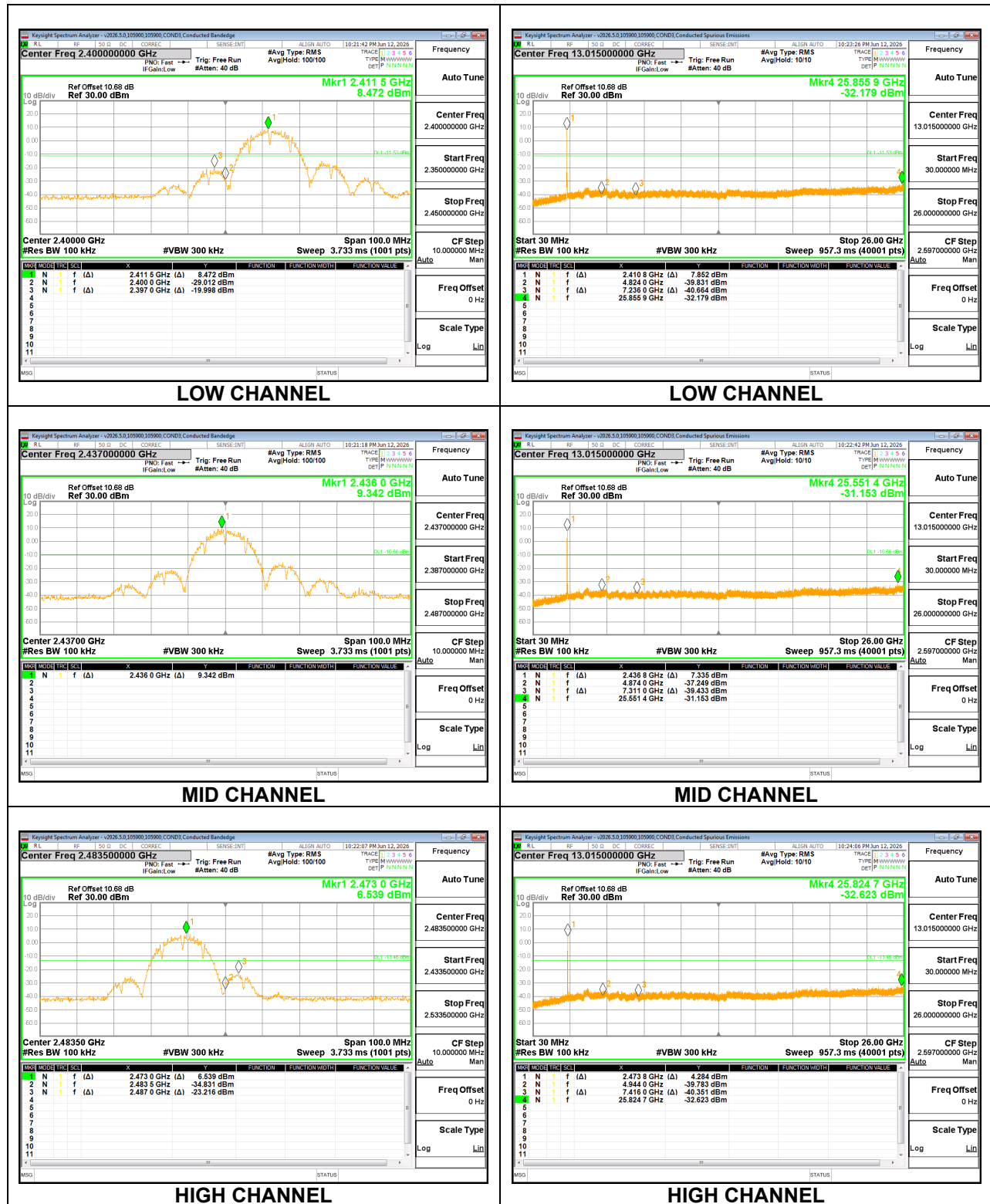
HIGH CHANNEL

### 9.6.3. BLE 2Mbps MODE

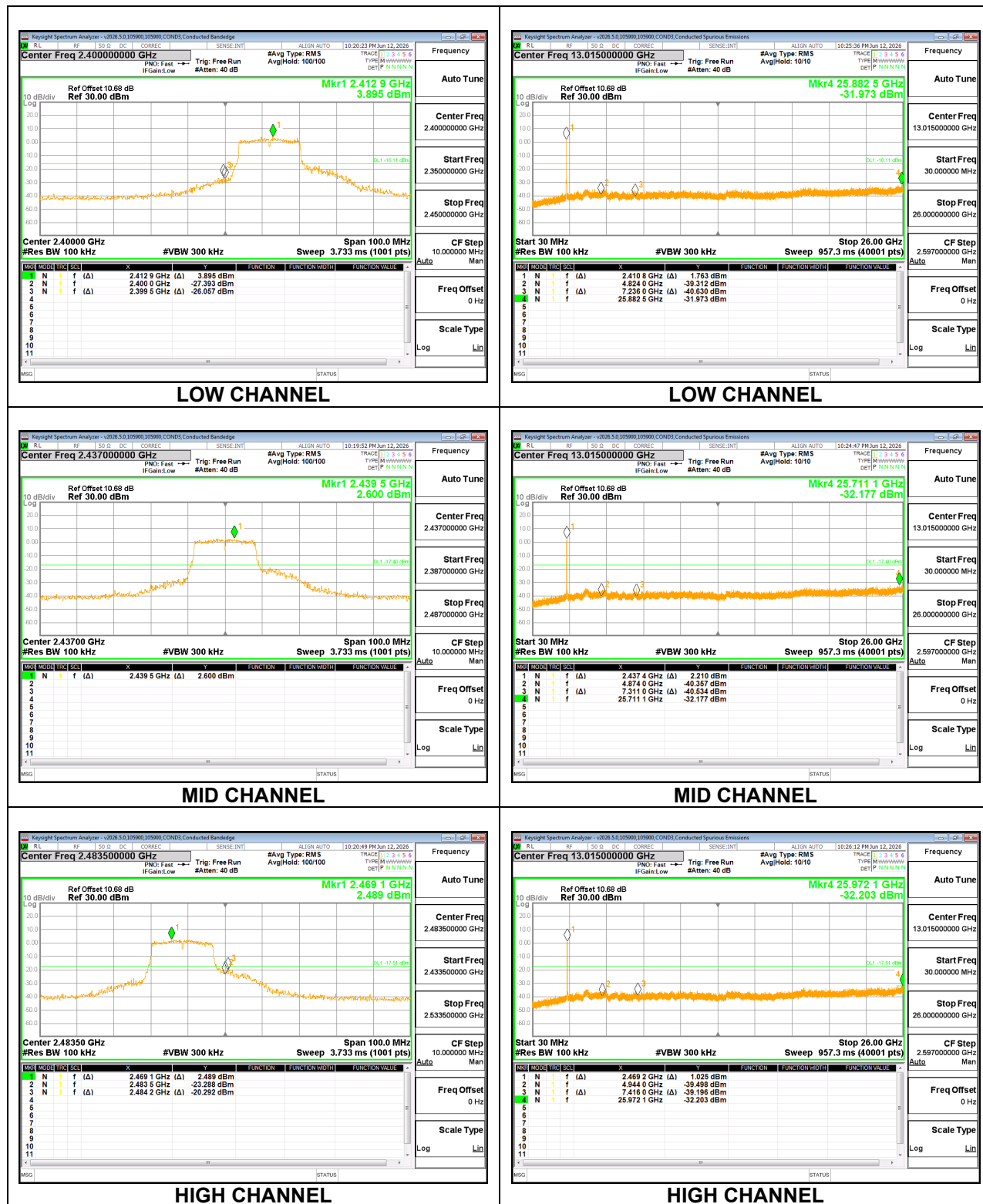




## 9.6.4. 802.11b MODE



## 9.6.5. 802.11g MODE



## 9.6.6. 802.11n HT20 MODE



## 10. RADIATED TEST RESULTS

### LIMITS

FCC §15.205 and §15.209

| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
|-----------------------|------------------------------------|--------------------------------------|
| 0.009-0.490           | 2400/F(kHz) @ 300 m                | -                                    |
| 0.490-1.705           | 24000/F(kHz) @ 30 m                | -                                    |
| 1.705 - 30            | 30 @ 30m                           | -                                    |
| 30 - 88               | 100                                | 40                                   |
| 88 - 216              | 150                                | 43.5                                 |
| 216 - 960             | 200                                | 46                                   |
| Above 960             | 500                                | 54                                   |

IC RSS-GEN Clause 8.9 and 8.10

| Frequency Range (kHz) | Field Strength Limit (uA/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
|-----------------------|------------------------------------|--------------------------------------|
| 0.009-0.490           | 6.37/F(kHz) @ 300 m                | -                                    |
| 0.490-1.705           | 63.7/F(kHz) @ 30 m                 | -                                    |
| 1.705 - 30            | 0.08 @ 30m                         | -                                    |
| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
| 30 - 88               | 100                                | 40                                   |
| 88 - 216              | 150                                | 43.5                                 |
| 216 - 960             | 200                                | 46                                   |
| Above 960             | 500                                | 54                                   |

### TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3MHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for voltage average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

3D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel).

Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

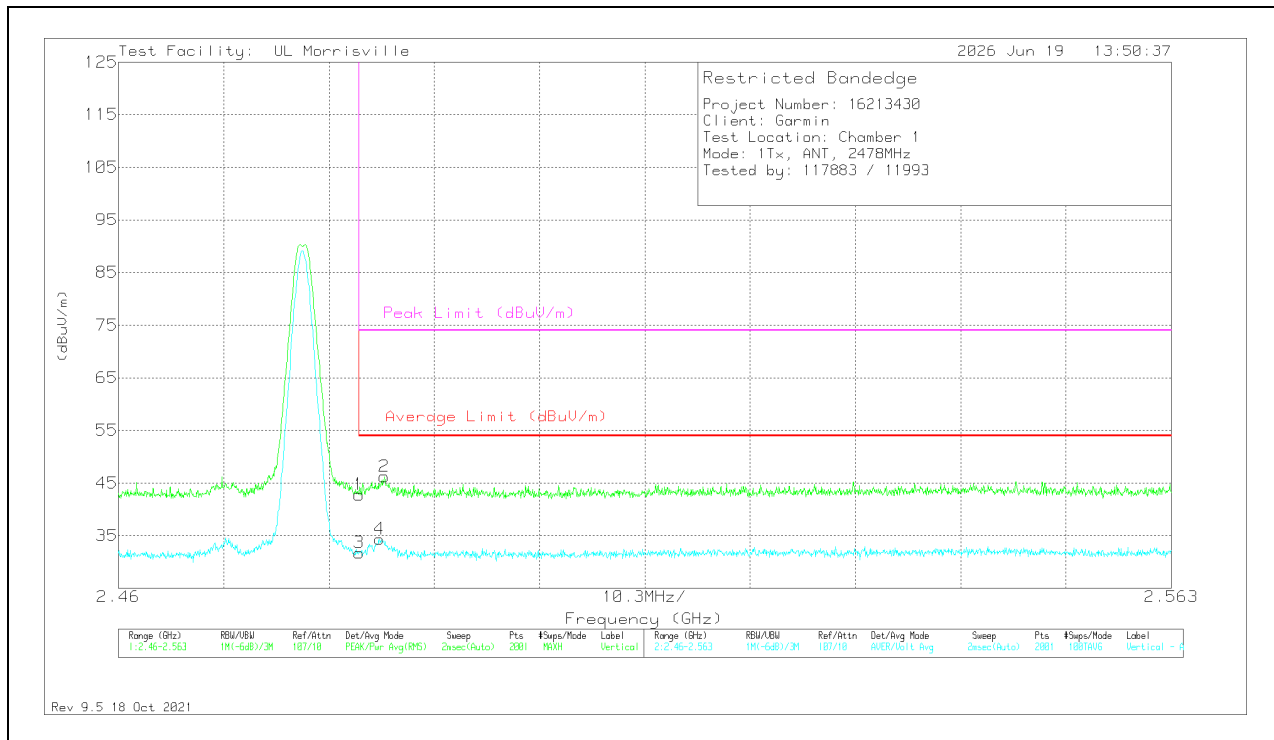
**KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification**

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

## 10.1. TRANSMITTER ABOVE 1 GHz

### 10.1.1. ANT/ANT+ BANDEDGE (WORST-CASE: 2478 MHz)

#### VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.48354     | 34.98                | Pk  | 32.3             | -24.5          | 42.78                      | -                      | -           | 74                  | -31.22         | 278            | 141         | V        |
| 2      | *** 2.48601     | 38.43                | Pk  | 32.3             | -24.5          | 46.23                      | -                      | -           | 74                  | -27.77         | 278            | 141         | V        |
| 3      | *** 2.48354     | 23.96                | ADV | 32.3             | -24.5          | 31.76                      | 54                     | -22.24      | -                   | -              | 278            | 141         | V        |
| 4      | *** 2.48554     | 26.53                | ADV | 32.3             | -24.5          | 34.33                      | 54                     | -19.67      | -                   | -              | 278            | 141         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

## BANEDGE TEST DATA

| Fund Freq [MHz] | Meas Freq. (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|------------------|----------------------|-----|----------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2402            | *** 2.38996      | 35.22                | Pk  | 32.1           | -23.9          | 43.42                      | -                      | -           | 74                  | -30.58         | 115            | 112         | H        |
|                 | *** 2.36182      | 37.63                | Pk  | 32             | -24.4          | 45.23                      | -                      | -           | 74                  | -28.77         | 115            | 112         | H        |
|                 | *** 2.38996      | 23.81                | ADV | 32.1           | -23.9          | 32.01                      | 54                     | -21.99      | -                   | -              | 115            | 112         | H        |
|                 | *** 2.38592      | 24.38                | ADV | 32.1           | -23.9          | 32.58                      | 54                     | -21.42      | -                   | -              | 115            | 112         | H        |
|                 | *** 2.38996      | 35.65                | Pk  | 32.1           | -23.9          | 43.85                      | -                      | -           | 74                  | -30.15         | 278            | 103         | V        |
|                 | *** 2.31268      | 40.94                | Pk  | 31.8           | -24.8          | 47.94                      | -                      | -           | 74                  | -26.06         | 278            | 103         | V        |
|                 | *** 2.38996      | 23.72                | ADV | 32.1           | -23.9          | 31.92                      | 54                     | -22.08      | -                   | -              | 278            | 103         | V        |
| 2404            | *** 2.38786      | 24.58                | ADV | 32.1           | -23.9          | 32.78                      | 54                     | -21.22      | -                   | -              | 278            | 103         | V        |
|                 | *** 2.38996      | 34.3                 | Pk  | 32.1           | -23.9          | 42.5                       | -                      | -           | 74                  | -31.5          | 118            | 110         | H        |
|                 | *** 2.38807      | 36.36                | Pk  | 32.1           | -23.9          | 44.56                      | -                      | -           | 74                  | -29.44         | 118            | 110         | H        |
|                 | *** 2.38996      | 23.34                | ADV | 32.1           | -23.9          | 31.54                      | 54                     | -22.46      | -                   | -              | 118            | 110         | H        |
|                 | *** 2.38707      | 24.43                | ADV | 32.1           | -23.9          | 32.63                      | 54                     | -21.37      | -                   | -              | 118            | 110         | H        |
|                 | *** 2.38996      | 35.05                | Pk  | 32.1           | -23.9          | 43.25                      | -                      | -           | 74                  | -30.75         | 278            | 103         | V        |
|                 | *** 2.38681      | 36.47                | Pk  | 32.1           | -23.9          | 44.67                      | -                      | -           | 74                  | -29.33         | 278            | 103         | V        |
| 2478            | *** 2.38996      | 23.5                 | ADV | 32.1           | -23.9          | 31.7                       | 54                     | -22.3       | -                   | -              | 278            | 103         | V        |
|                 | *** 2.38161      | 24.61                | ADV | 32.1           | -24            | 32.71                      | 54                     | -21.29      | -                   | -              | 278            | 103         | V        |
|                 | *** 2.48354      | 34.9                 | Pk  | 32.3           | -24.5          | 42.7                       | -                      | -           | 74                  | -31.3          | 131            | 121         | H        |
|                 | *** 2.48642      | 37.82                | Pk  | 32.3           | -24.5          | 45.62                      | -                      | -           | 74                  | -28.38         | 131            | 121         | H        |
|                 | *** 2.48354      | 23.98                | ADV | 32.3           | -24.5          | 31.78                      | 54                     | -22.22      | -                   | -              | 131            | 121         | H        |
|                 | *** 2.4859       | 26.17                | ADV | 32.3           | -24.5          | 33.97                      | 54                     | -20.03      | -                   | -              | 131            | 121         | H        |
|                 | *** 2.48354      | 34.98                | Pk  | 32.3           | -24.5          | 42.78                      | -                      | -           | 74                  | -31.22         | 278            | 141         | V        |
| 2480            | *** 2.48601      | 38.43                | Pk  | 32.3           | -24.5          | 46.23                      | -                      | -           | 74                  | -27.77         | 278            | 141         | V        |
|                 | *** 2.48354      | 23.96                | ADV | 32.3           | -24.5          | 31.76                      | 54                     | -22.24      | -                   | -              | 278            | 141         | V        |
|                 | *** 2.48554      | 26.53                | ADV | 32.3           | -24.5          | 34.33                      | 54                     | -19.67      | -                   | -              | 278            | 141         | V        |
|                 | *** 2.48354      | 35.26                | Pk  | 32.3           | -24.5          | 43.06                      | -                      | -           | 74                  | -30.94         | 126            | 142         | H        |
|                 | ** 2.55507       | 37.07                | Pk  | 32.3           | -24.1          | 45.27                      | -                      | -           | 74                  | -28.73         | 126            | 142         | H        |
|                 | *** 2.48354      | 24.34                | ADV | 32.3           | -24.5          | 32.14                      | 54                     | -21.86      | -                   | -              | 126            | 142         | H        |
|                 | ** 2.54328       | 25.08                | ADV | 32.3           | -23.9          | 33.48                      | 54                     | -20.52      | -                   | -              | 126            | 142         | H        |
|                 | *** 2.48354      | 35.68                | Pk  | 32.3           | -24.5          | 43.48                      | -                      | -           | 74                  | -30.52         | 270            | 142         | V        |
|                 | ** 2.53864       | 37.47                | Pk  | 32.3           | -24            | 45.77                      | -                      | -           | 74                  | -28.23         | 270            | 142         | V        |
|                 | *** 2.48354      | 25.27                | ADV | 32.3           | -24.5          | 33.07                      | 54                     | -20.93      | -                   | -              | 270            | 142         | V        |
|                 | *** 2.48786      | 25.44                | ADV | 32.3           | -24.5          | 33.24                      | 54                     | -20.76      | -                   | -              | 270            | 142         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

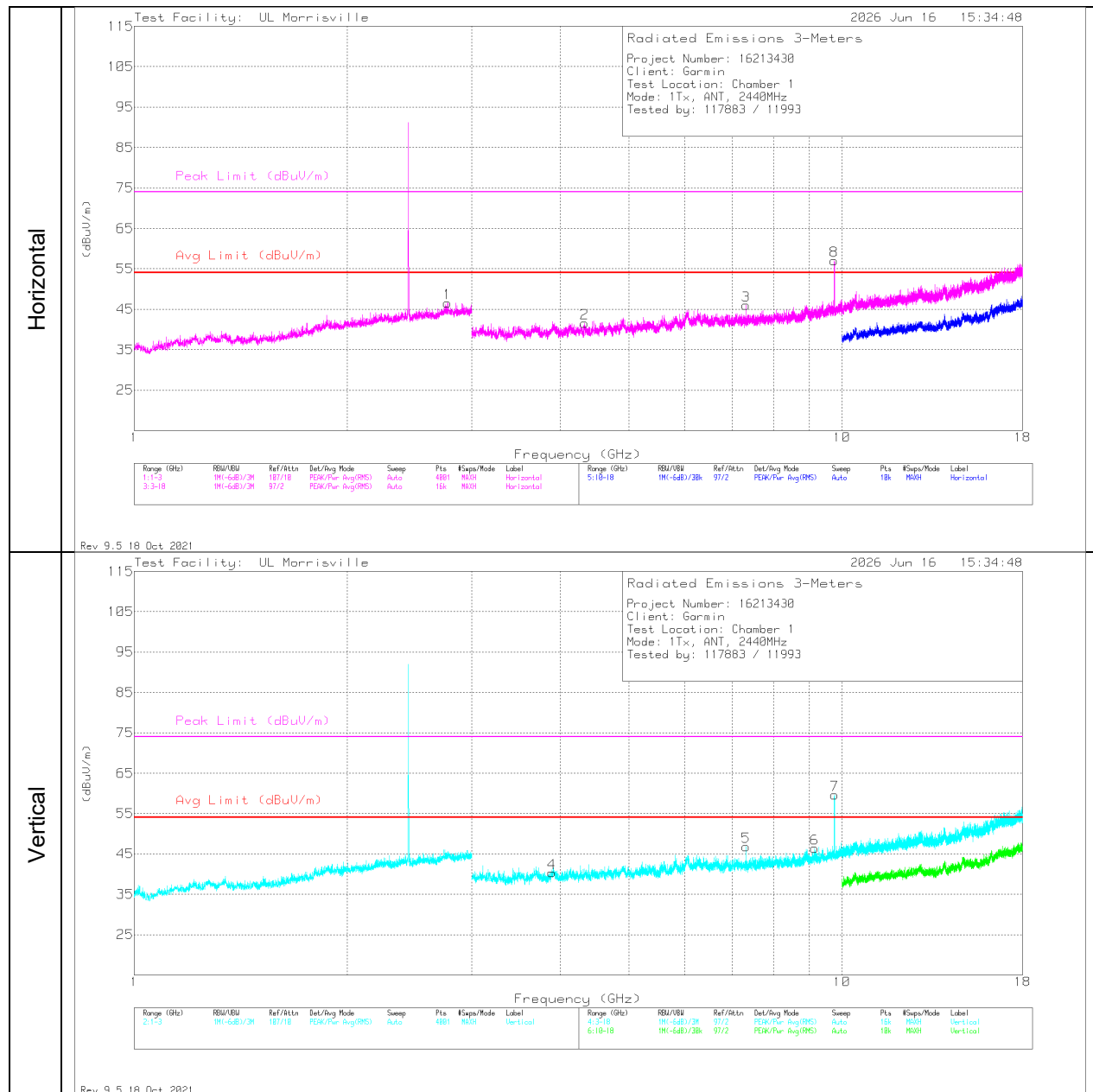
ADV - Linear Voltage Average

Tested By: 117883/11993

Test Dates: 2026-06-19

Test Locations: Chamber 1

# HARMONICS AND SPURIOUS (WORST-CASE: 2440 MHz)



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.773       | 37.44                | Pk  | 32.4             | -23.3          | 46.54                      | 54                 | -7.46       | 74                  | -27.46         | 0-360          | 101         | H        |
| 2      | *** 4.33313     | 53.58                | Pk  | 33.6             | -45.6          | 41.58                      | 54                 | -12.42      | 74                  | -32.42         | 0-360          | 101         | H        |
| 3      | *** 7.31906     | 52.26                | Pk  | 35.5             | -41.8          | 45.96                      | 54                 | -8.04       | 74                  | -28.04         | 0-360          | 101         | H        |
| 4      | *** 3.88969     | 50.82                | Pk  | 33.1             | -43.6          | 40.32                      | 54                 | -13.68      | 74                  | -33.68         | 0-360          | 101         | V        |
| 5      | *** 7.31906     | 53.12                | Pk  | 35.5             | -41.8          | 46.82                      | 54                 | -7.18       | 74                  | -27.18         | 0-360          | 101         | V        |
| 6      | *** 9.15844     | 50.15                | Pk  | 36.2             | -40            | 46.35                      | 54                 | -7.65       | 74                  | -27.65         | 0-360          | 200         | V        |
| 8      | 9.75844         | 60.07                | Pk  | 36.9             | -39.9          | 57.07                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
| 7      | 9.76125         | 62.64                | Pk  | 36.9             | -39.9          | 59.64                      | -                  | -           | -                   | -              | 0-360          | 200         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

## HARMONICS AND SPURIOUS TEST DATA

| Freq (MHz) | Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|------------|--------|-----------------|----------------------|-----|--------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2404       | 1      | * ** 2.7565     | 37.01                | Pk  | 32.4         | -23.4          | 46.01                      | 54                 | -7.99       | 74                  | -27.99         | 0-360          | 200         | H        |
|            | 2      | * ** 4.8075     | 56.77                | Pk  | 33.9         | -45.2          | 45.47                      | 54                 | -8.53       | 74                  | -28.53         | 0-360          | 101         | H        |
|            | 3      | * ** 9.02344    | 51.08                | Pk  | 36.1         | -40.5          | 46.68                      | 54                 | -7.32       | 74                  | -27.32         | 0-360          | 101         | H        |
|            | 4      | * ** 3.60375    | 52.86                | Pk  | 33.1         | -43.9          | 42.06                      | 54                 | -11.94      | 74                  | -31.94         | 0-360          | 101         | V        |
|            | 5      | * ** 4.275      | 52.33                | Pk  | 33.5         | -44.2          | 41.63                      | 54                 | -12.37      | 74                  | -32.37         | 0-360          | 101         | V        |
|            | 6      | * ** 7.69969    | 50.02                | Pk  | 35.6         | -40.8          | 44.82                      | 54                 | -9.18       | 74                  | -29.18         | 0-360          | 101         | V        |
|            | 8      | 7.21313         | 55.29                | Pk  | 35.6         | -42            | 48.89                      | -                  | -           | -                   | -              | 0-360          | 200         | V        |
|            | 9      | 9.615           | 57.93                | Pk  | 36.8         | -40            | 54.73                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
| 2440       | 7      | 9.61688         | 62.01                | Pk  | 36.8         | -40            | 58.81                      | -                  | -           | -                   | -              | 0-360          | 200         | V        |
|            | 1      | * ** 2.773      | 37.44                | Pk  | 32.4         | -23.3          | 46.54                      | 54                 | -7.46       | 74                  | -27.46         | 0-360          | 101         | H        |
|            | 2      | * ** 4.33313    | 53.58                | Pk  | 33.6         | -45.6          | 41.58                      | 54                 | -12.42      | 74                  | -32.42         | 0-360          | 101         | H        |
|            | 3      | * ** 7.31906    | 52.26                | Pk  | 35.5         | -41.8          | 45.96                      | 54                 | -8.04       | 74                  | -28.04         | 0-360          | 101         | H        |
|            | 4      | * ** 3.88969    | 50.82                | Pk  | 33.1         | -43.6          | 40.32                      | 54                 | -13.68      | 74                  | -33.68         | 0-360          | 101         | V        |
|            | 5      | * ** 7.31906    | 53.12                | Pk  | 35.5         | -41.8          | 46.82                      | 54                 | -7.18       | 74                  | -27.18         | 0-360          | 101         | V        |
|            | 6      | * ** 9.15844    | 50.15                | Pk  | 36.2         | -40            | 46.35                      | 54                 | -7.65       | 74                  | -27.65         | 0-360          | 200         | V        |
|            | 8      | 9.75844         | 60.07                | Pk  | 36.9         | -39.9          | 57.07                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
| 2478       | 7      | 9.76125         | 62.64                | Pk  | 36.9         | -39.9          | 59.64                      | -                  | -           | -                   | -              | 0-360          | 200         | V        |
|            | 1      | * ** 4.81125    | 53.79                | Pk  | 33.9         | -45.3          | 42.39                      | 54                 | -11.61      | 74                  | -31.61         | 0-360          | 199         | H        |
|            | 2      | * ** 7.43324    | 56.99                | PK2 | 35.6         | -41.3          | 51.29                      | -                  | -           | 74                  | -22.71         | 49             | 106         | H        |
|            |        | * ** 7.43469    | 49                   | ADV | 35.6         | -41.4          | 43.2                       | 54                 | -10.8       | -                   | -              | 49             | 106         | H        |
|            | 3      | * ** 9.02813    | 50.3                 | Pk  | 36.1         | -40.7          | 45.7                       | 54                 | -8.3        | 74                  | -28.3          | 0-360          | 101         | H        |
|            | 5      | * ** 4.91531    | 53.21                | Pk  | 34           | -43.9          | 43.31                      | 54                 | -10.69      | 74                  | -30.69         | 0-360          | 101         | V        |
|            | 6      | * ** 7.43438    | 51.88                | Pk  | 35.6         | -41.4          | 46.08                      | 54                 | -7.92       | 74                  | -27.92         | 0-360          | 200         | V        |
|            | 7      | * ** 9.32813    | 50.01                | Pk  | 36.4         | -40.3          | 46.11                      | 54                 | -7.89       | 74                  | -27.89         | 0-360          | 200         | V        |
|            | 4      | 9.91313         | 60.08                | Pk  | 37.1         | -40.3          | 56.88                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
|            | 8      | 9.91313         | 62.21                | Pk  | 37.1         | -40.3          | 59.01                      | -                  | -           | -                   | -              | 0-360          | 200         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

Tested By: 115705/11993, 117883/11993

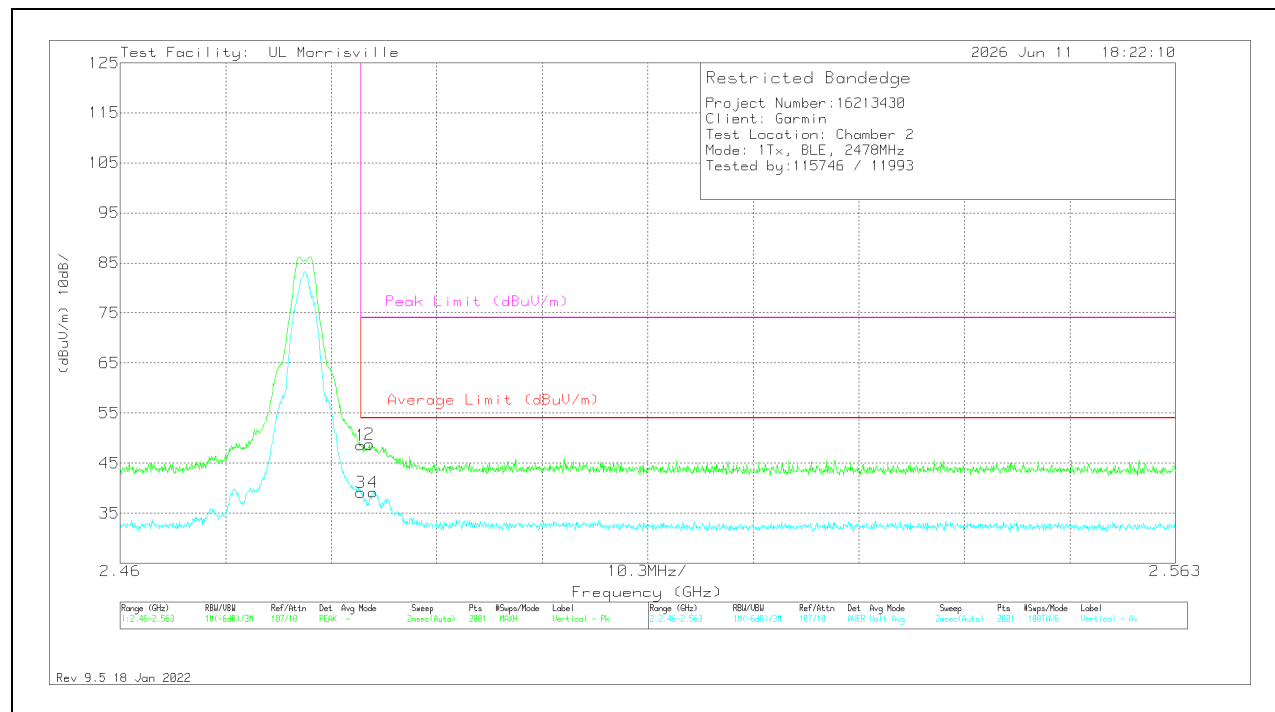
Test Dates: 2026-06-16

Test Locations: Chamber 1

## 10.1.2. BLE

### BANDEDGE (WORST-CASE: 2Mbps, 2478 MHz)

#### VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 40.28                | Pk  | 32.7             | -24.4          | 48.58                      | -                      | -           | 74                  | -25.42         | 307            | 114         | V        |
| 2      | *** 2.484308    | 40.39                | Pk  | 32.7             | -24.3          | 48.79                      | -                      | -           | 74                  | -25.21         | 307            | 114         | V        |
| 3      | *** 2.4835      | 30.8                 | ADV | 32.7             | -24.4          | 39.1                       | 54                     | -14.9       | -                   | -              | 307            | 114         | V        |
| 4      | *** 2.484669    | 30.79                | ADV | 32.7             | -24.3          | 39.19                      | 54                     | -14.81      | -                   | -              | 307            | 114         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

# BANEDGE TEST DATA

| Mode  | Frequency (MHz) | Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 135143 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-------|-----------------|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1Mbps | 2402            | 1      | *** 2.39        | 34.63                | Pk  | 32.2              | -24            | 42.83                      | -                      | -           | 74                  | -31.17         | 130            | 310         | H        |
|       |                 | 2      | *** 2.3108      | 36.61                | Pk  | 32.2              | -23.4          | 45.41                      | -                      | -           | 74                  | -28.59         | 130            | 310         | H        |
|       |                 | 3      | *** 2.39        | 23.62                | ADV | 32.2              | -24            | 31.82                      | 54                     | -22.18      | -                   | -              | 130            | 310         | H        |
|       |                 | 4      | *** 2.31205     | 24.53                | ADV | 32.2              | -23.4          | 33.33                      | 54                     | -20.67      | -                   | -              | 130            | 310         | H        |
|       |                 | 1      | *** 2.39        | 35.27                | Pk  | 32.2              | -24            | 43.47                      | -                      | -           | 74                  | -30.53         | 34             | 124         | V        |
|       |                 | 2      | *** 2.35425     | 37.32                | Pk  | 32                | -23.6          | 45.72                      | -                      | -           | 74                  | -28.28         | 34             | 124         | V        |
|       |                 | 3      | *** 2.39        | 23.74                | ADV | 32.2              | -24            | 31.94                      | 54                     | -22.06      | -                   | -              | 34             | 124         | V        |
|       |                 | 4      | *** 2.3253      | 24.83                | ADV | 32.1              | -23.5          | 33.43                      | 54                     | -20.57      | -                   | -              | 34             | 124         | V        |
|       | 2404            | 1      | *** 2.39        | 36.86                | Pk  | 32.2              | -24            | 45.06                      | -                      | -           | 74                  | -28.94         | 206            | 389         | H        |
|       |                 | 2      | *** 2.32625     | 37.19                | Pk  | 32.1              | -23.5          | 45.79                      | -                      | -           | 74                  | -28.21         | 206            | 389         | H        |
|       |                 | 3      | *** 2.39        | 23.67                | ADV | 32.2              | -24            | 31.87                      | 54                     | -22.13      | -                   | -              | 206            | 389         | H        |
|       |                 | 4      | *** 2.31265     | 24.56                | ADV | 32.2              | -23.4          | 33.36                      | 54                     | -20.64      | -                   | -              | 206            | 389         | H        |
|       |                 | 1      | *** 2.39        | 35.17                | Pk  | 32.2              | -24            | 43.37                      | -                      | -           | 74                  | -30.63         | 145            | 125         | V        |
|       |                 | 2      | *** 2.3375      | 37.04                | Pk  | 32.1              | -23.6          | 45.54                      | -                      | -           | 74                  | -28.46         | 145            | 125         | V        |
|       |                 | 3      | *** 2.39        | 22.94                | ADV | 32.2              | -24            | 31.14                      | 54                     | -22.86      | -                   | -              | 145            | 124         | V        |
|       |                 | 4      | *** 2.3103      | 24.51                | ADV | 32.2              | -23.4          | 33.31                      | 54                     | -20.69      | -                   | -              | 145            | 124         | V        |
|       | 2476            | 1      | *** 2.4835      | 36.39                | Pk  | 32.7              | -24.4          | 44.69                      | -                      | -           | 74                  | -29.31         | 52             | 390         | H        |
|       |                 | 2      | ** 2.554451     | 37.4                 | Pk  | 33.1              | -24.6          | 45.9                       | -                      | -           | 74                  | -28.1          | 52             | 390         | H        |
|       |                 | 3      | *** 2.4835      | 24.24                | ADV | 32.7              | -24.4          | 32.54                      | 54                     | -21.46      | -                   | -              | 52             | 389         | H        |
|       |                 | 4      | *** 2.483999    | 25.68                | ADV | 32.7              | -24.3          | 34.08                      | 54                     | -19.92      | -                   | -              | 52             | 389         | H        |
|       |                 | 1      | *** 2.4835      | 35.91                | Pk  | 32.7              | -24.4          | 44.21                      | -                      | -           | 74                  | -29.79         | 142            | 107         | V        |
|       |                 | 2      | ** 2.533388     | 37.69                | Pk  | 33                | -24.6          | 46.09                      | -                      | -           | 74                  | -27.91         | 142            | 107         | V        |
|       |                 | 3      | *** 2.4835      | 24.89                | ADV | 32.7              | -24.4          | 33.19                      | 54                     | -20.81      | -                   | -              | 142            | 107         | V        |
|       |                 | 4      | *** 2.484154    | 26.36                | ADV | 32.7              | -24.3          | 34.76                      | 54                     | -19.24      | -                   | -              | 142            | 107         | V        |
|       | 2478            | 1      | *** 2.4835      | 36.42                | Pk  | 32.7              | -24.4          | 44.72                      | -                      | -           | 74                  | -29.28         | 192            | 126         | H        |
|       |                 | 2      | ** 2.507947     | 37.17                | Pk  | 32.8              | -24.2          | 45.77                      | -                      | -           | 74                  | -28.23         | 192            | 126         | H        |
|       |                 | 3      | *** 2.4835      | 25.73                | ADV | 32.7              | -24.4          | 34.03                      | 54                     | -19.97      | -                   | -              | 192            | 126         | H        |
|       |                 | 4      | ** 2.505114     | 25.04                | ADV | 32.8              | -24.1          | 33.74                      | 54                     | -20.26      | -                   | -              | 192            | 126         | H        |
|       |                 | 1      | *** 2.4835      | 35.78                | Pk  | 32.7              | -24.4          | 44.08                      | -                      | -           | 74                  | -29.92         | 253            | 369         | V        |
|       |                 | 2      | ** 2.508822     | 37.38                | Pk  | 32.8              | -24.3          | 45.88                      | -                      | -           | 74                  | -28.12         | 253            | 369         | V        |
|       |                 | 3      | *** 2.4835      | 24.11                | ADV | 32.7              | -24.4          | 32.41                      | 54                     | -21.59      | -                   | -              | 253            | 369         | V        |
|       |                 | 4      | ** 2.504342     | 25                   | ADV | 32.8              | -24.1          | 33.7                       | 54                     | -20.3       | -                   | -              | 253            | 369         | V        |
|       | 2480            | 1      | *** 2.4835      | 35.9                 | Pk  | 32.7              | -24.4          | 44.2                       | -                      | -           | 74                  | -29.8          | 133            | 390         | H        |
|       |                 | 2      | ** 2.558108     | 37.49                | Pk  | 33.1              | -24.7          | 45.89                      | -                      | -           | 74                  | -28.11         | 133            | 390         | H        |
|       |                 | 3      | *** 2.4835      | 23.84                | ADV | 32.7              | -24.4          | 32.14                      | 54                     | -21.86      | -                   | -              | 133            | 390         | H        |
|       |                 | 4      | ** 2.544769     | 24.85                | ADV | 33.1              | -24.5          | 33.45                      | 54                     | -20.55      | -                   | -              | 133            | 390         | H        |
|       |                 | 1      | *** 2.4835      | 34.83                | Pk  | 32.7              | -24.4          | 43.13                      | -                      | -           | 74                  | -30.87         | 19             | 186         | V        |
|       |                 | 2      | ** 2.510934     | 37.42                | Pk  | 32.8              | -24.4          | 45.82                      | -                      | -           | 74                  | -28.18         | 19             | 186         | V        |
|       |                 | 3      | *** 2.4835      | 24.03                | ADV | 32.7              | -24.4          | 32.33                      | 54                     | -21.67      | -                   | -              | 19             | 185         | V        |
|       |                 | 4      | *** 2.495947    | 25.14                | ADV | 32.8              | -24.2          | 33.74                      | 54                     | -20.26      | -                   | -              | 19             | 185         | V        |
| 2Mbps | 2404            | 1      | *** 2.39        | 35.85                | Pk  | 32.2              | -24            | 44.05                      | -                      | -           | 74                  | -29.95         | 263            | 369         | H        |
|       |                 | 2      | *** 2.31105     | 37.05                | Pk  | 32.2              | -23.4          | 45.85                      | -                      | -           | 74                  | -28.15         | 263            | 369         | H        |
|       |                 | 3      | *** 2.39        | 23.85                | ADV | 32.2              | -24            | 32.05                      | 54                     | -21.95      | -                   | -              | 263            | 369         | H        |
|       |                 | 4      | *** 2.3301      | 24.62                | ADV | 32.1              | -23.5          | 33.22                      | 54                     | -20.78      | -                   | -              | 263            | 369         | H        |
|       |                 | 1      | *** 2.39        | 35.07                | Pk  | 32.2              | -24            | 43.27                      | -                      | -           | 74                  | -30.73         | 73             | 249         | V        |
|       |                 | 2      | *** 2.3106      | 36.91                | Pk  | 32.2              | -23.4          | 45.71                      | -                      | -           | 74                  | -28.29         | 73             | 249         | V        |
|       |                 | 3      | *** 2.39        | 23.47                | ADV | 32.2              | -24            | 31.67                      | 54                     | -22.33      | -                   | -              | 73             | 248         | V        |
|       |                 | 4      | *** 2.3184      | 24.33                | ADV | 32.2              | -23.5          | 33.03                      | 54                     | -20.97      | -                   | -              | 73             | 248         | V        |
|       | 2476            | 1      | *** 2.4835      | 40.25                | Pk  | 32.7              | -24.4          | 48.55                      | -                      | -           | 74                  | -25.45         | 241            | 348         | H        |
|       |                 | 2      | ** 2.483999     | 40.72                | Pk  | 32.7              | -24.3          | 49.12                      | -                      | -           | 74                  | -24.88         | 241            | 348         | H        |
|       |                 | 3      | *** 2.4835      | 29.06                | ADV | 32.7              | -24.4          | 37.36                      | 54                     | -16.64      | -                   | -              | 241            | 348         | H        |
|       |                 | 4      | *** 2.484051    | 30.81                | ADV | 32.7              | -24.3          | 39.21                      | 54                     | -14.79      | -                   | -              | 241            | 348         | H        |
|       |                 | 1      | *** 2.4835      | 38.03                | Pk  | 32.7              | -24.4          | 46.33                      | -                      | -           | 74                  | -27.67         | 157            | 136         | V        |
|       |                 | 2      | *** 2.483742    | 38.81                | Pk  | 32.7              | -24.3          | 47.21                      | -                      | -           | 74                  | -26.79         | 157            | 136         | V        |
|       |                 | 3      | *** 2.4835      | 27.39                | ADV | 32.7              | -24.4          | 35.69                      | 54                     | -18.31      | -                   | -              | 157            | 136         | V        |
|       |                 | 4      | *** 2.483999    | 28.38                | ADV | 32.7              | -24.3          | 36.78                      | 54                     | -17.22      | -                   | -              | 157            | 136         | V        |

| Mode  | Frequency (MHz) | Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-------|-----------------|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2Mbps | 2478            | 1      | * ** 2.4835     | 40.12                | Pk  | 32.7             | -24.4          | 48.42                      | -                      | -           | 74                  | -25.58         | 36             | 109         | H        |
|       |                 | 2      | * ** 2.48436    | 40.36                | Pk  | 32.7             | -24.3          | 48.76                      | -                      | -           | 74                  | -25.24         | 36             | 109         | H        |
|       |                 | 3      | * ** 2.4835     | 30.74                | ADV | 32.7             | -24.4          | 39.04                      | 54                     | -14.96      | -                   | -              | 36             | 109         | H        |
|       |                 | 4      | * ** 2.484875   | 31.54                | ADV | 32.7             | -24.3          | 39.94                      | 54                     | -14.06      | -                   | -              | 36             | 109         | H        |
|       |                 | 1      | * ** 2.4835     | 40.28                | Pk  | 32.7             | -24.4          | 48.58                      | -                      | -           | 74                  | -25.42         | 307            | 114         | V        |
|       |                 | 2      | * ** 2.484308   | 40.39                | Pk  | 32.7             | -24.3          | 48.79                      | -                      | -           | 74                  | -25.21         | 307            | 114         | V        |
|       |                 | 3      | * ** 2.4835     | 30.8                 | ADV | 32.7             | -24.4          | 39.1                       | 54                     | -14.9       | -                   | -              | 307            | 114         | V        |
|       |                 | 4      | * ** 2.484669   | 30.79                | ADV | 32.7             | -24.3          | 39.19                      | 54                     | -14.81      | -                   | -              | 307            | 114         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

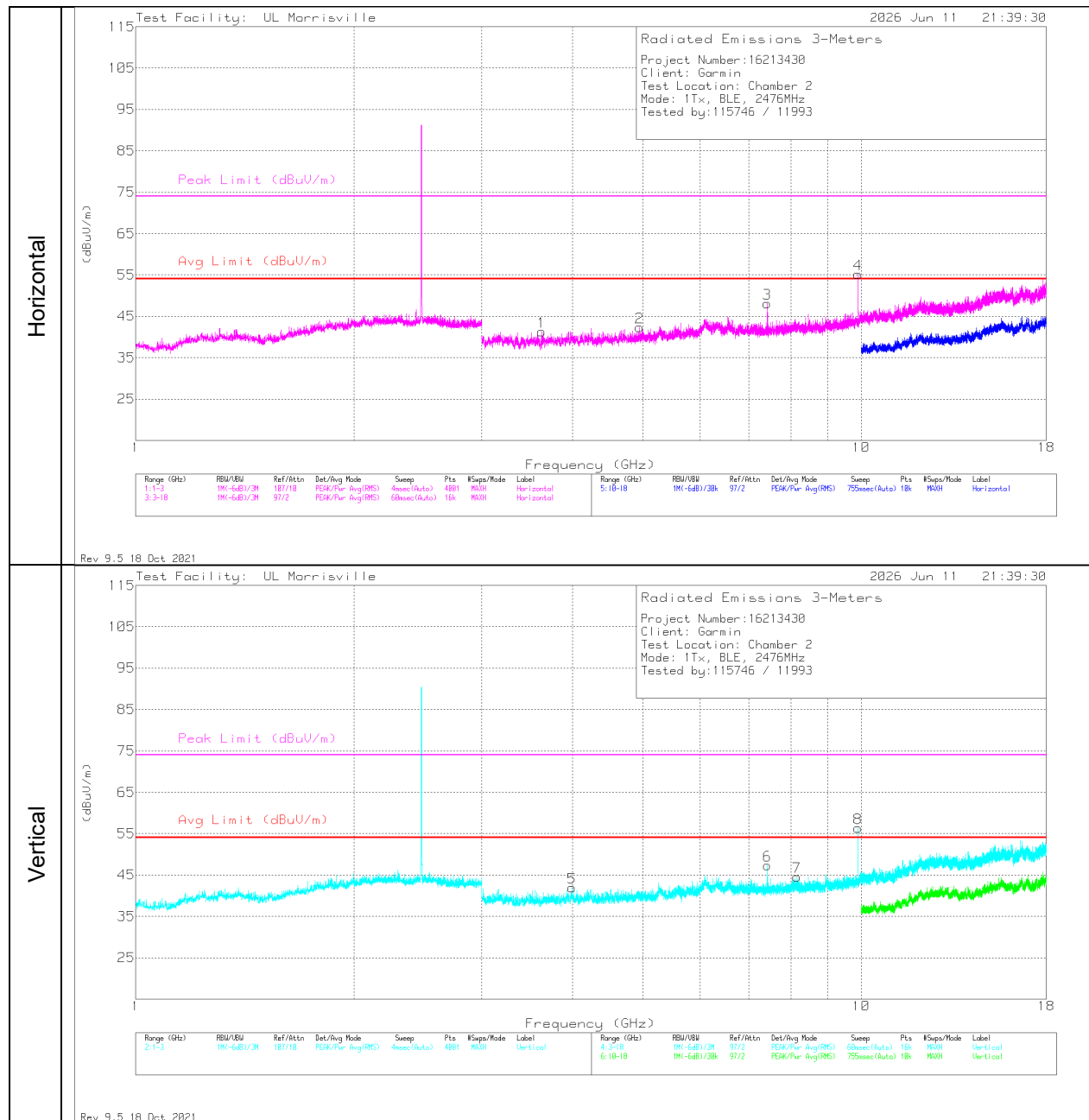
ADV - Linear Voltage Average

Tested By: 115746/11993

Test Dates: 2026-06-11

Test Locations: Chamber 2

## HARMONICS AND SPURIOUS (WORST-CASE: 1Mbps, 2476 MHz)



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 3.63094    | 53.21                | Pk  | 33               | -44.9          | 41.31                      | 54                 | -12.69      | 74                  | -32.69         | 0-360          | 199         | H        |
| 2      | * ** 4.95188    | 52.07                | Pk  | 34.1             | -43.8          | 42.37                      | 54                 | -11.63      | 74                  | -31.63         | 0-360          | 199         | H        |
| 3      | * ** 7.42879    | 57                   | PK2 | 35.5             | -41.3          | 51.2                       | -                  | -           | 74                  | -22.8          | 114            | 106         | H        |
|        | * ** 7.42857    | 49.13                | ADV | 35.5             | -41.3          | 43.33                      | 54                 | -10.67      | -                   | -              | 114            | 106         | H        |
| 5      | * ** 3.99375    | 53.05                | Pk  | 33.4             | -44.5          | 41.95                      | 54                 | -12.05      | 74                  | -32.05         | 0-360          | 199         | V        |
| 6      | * ** 7.42875    | 53.08                | Pk  | 35.5             | -41.3          | 47.28                      | 54                 | -6.72       | 74                  | -26.72         | 0-360          | 101         | V        |
| 7      | * ** 8.15438    | 49.59                | Pk  | 36               | -41            | 44.59                      | 54                 | -9.41       | 74                  | -29.41         | 0-360          | 101         | V        |
| 4      | 9.90281         | 58.25                | Pk  | 37.2             | -40.3          | 55.15                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
| 8      | 9.90281         | 59.49                | Pk  | 37.2             | -40.3          | 56.39                      | -                  | -           | -                   | -17.61         | 0-360          | 199         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

## HARMONICS AND SPURIOUS TEST DATA

| Mode   | Frequency (MHz) | Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 Mbps | 2404            | 1      | *** 3.70219     | 53.86                | Pk  | 33.1             | -44.8          | 42.16                      | 54                 | -11.84      | 74                  | -31.84         | 0-360          | 101         | H        |
|        |                 | 2      | *** 4.76813     | 51.47                | Pk  | 34.2             | -43.9          | 41.77                      | 54                 | -12.23      | 74                  | -32.23         | 0-360          | 200         | H        |
|        |                 | 4      | *** 8.21625     | 49.24                | Pk  | 35.9             | -40.7          | 44.44                      | 54                 | -9.56       | 74                  | -29.56         | 0-360          | 200         | H        |
|        |                 | 6      | *** 4.125       | 52.57                | Pk  | 33.5             | -44.9          | 41.17                      | 54                 | -12.83      | 74                  | -32.83         | 0-360          | 200         | V        |
|        |                 | 8      | *** 8.35875     | 48.23                | Pk  | 35.9             | -40.7          | 43.43                      | 54                 | -10.57      | 74                  | -30.57         | 0-360          | 200         | V        |
|        |                 | 10     | *** 9.14625     | 48.34                | Pk  | 36.1             | -39.6          | 44.84                      | 54                 | -9.16       | 74                  | -29.16         | 0-360          | 200         | V        |
|        |                 | 3      | 7.21125         | 51.66                | Pk  | 35.5             | -41.9          | 45.26                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
|        |                 | 7      | 7.21125         | 53.9                 | Pk  | 35.5             | -41.9          | 47.5                       | -                  | -           | -                   | -              | 0-360          | 200         | V        |
|        |                 | 5      | 9.615           | 57.45                | Pk  | 36.7             | -40.3          | 53.85                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
|        | 2440            | 9      | 9.615           | 61.33                | Pk  | 36.7             | -40.3          | 57.73                      | -                  | -           | -                   | -              | 0-360          | 200         | V        |
|        |                 | 1      | *** 4.785       | 51.73                | Pk  | 34.2             | -43.8          | 42.13                      | 54                 | -11.87      | 74                  | -31.87         | 0-360          | 199         | H        |
|        |                 | 2      | *** 7.32094     | 51.96                | Pk  | 35.4             | -41.4          | 45.96                      | 54                 | -8.04       | 74                  | -28.04         | 0-360          | 101         | H        |
|        |                 | 3      | *** 9.34688     | 49.05                | Pk  | 36.3             | -39.9          | 45.45                      | 54                 | -8.55       | 74                  | -28.55         | 0-360          | 199         | H        |
|        |                 | 5      | *** 4.88063     | 52.01                | Pk  | 34.2             | -44.1          | 42.11                      | 54                 | -11.89      | 74                  | -31.89         | 0-360          | 101         | V        |
|        |                 | 6      | *** 7.32047     | 52.28                | Pk  | 35.4             | -41.4          | 46.28                      | 54                 | -7.72       | 74                  | -27.72         | 0-360          | 199         | V        |
|        |                 | 7      | *** 7.59        | 49.54                | Pk  | 35.6             | -41            | 44.14                      | 54                 | -9.86       | 74                  | -29.86         | 0-360          | 199         | V        |
|        |                 | 8      | 9.75844         | 61                   | Pk  | 37               | -40.3          | 57.7                       | -                  | -           | -                   | -              | 0-360          | 199         | V        |
|        | 2476            | 4      | 9.75938         | 59.17                | Pk  | 37               | -40.3          | 55.87                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
|        |                 | 1      | *** 3.63094     | 53.21                | Pk  | 33               | -44.9          | 41.31                      | 54                 | -12.69      | 74                  | -32.69         | 0-360          | 199         | H        |
|        |                 | 2      | *** 4.95188     | 52.07                | Pk  | 34.1             | -43.8          | 42.37                      | 54                 | -11.63      | 74                  | -31.63         | 0-360          | 199         | H        |
|        |                 | 3      | *** 7.42879     | 57                   | PK2 | 35.5             | -41.3          | 51.2                       | -                  | -           | 74                  | -22.8          | 114            | 106         | H        |
|        |                 |        | *** 7.42857     | 49.13                | ADV | 35.5             | -41.3          | 43.33                      | 54                 | -10.67      | -                   | -              | 114            | 106         | H        |
|        |                 | 5      | *** 3.99375     | 53.05                | Pk  | 33.4             | -44.5          | 41.95                      | 54                 | -12.05      | 74                  | -32.05         | 0-360          | 199         | V        |
|        |                 | 6      | *** 7.42875     | 53.08                | Pk  | 35.5             | -41.3          | 47.28                      | 54                 | -6.72       | 74                  | -26.72         | 0-360          | 101         | V        |
|        |                 | 7      | *** 8.15438     | 49.59                | Pk  | 36               | -41            | 44.59                      | 54                 | -9.41       | 74                  | -29.41         | 0-360          | 101         | V        |
|        |                 | 4      | 9.90281         | 58.25                | Pk  | 37.2             | -40.3          | 55.15                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
|        |                 | 8      | 9.90281         | 59.49                | Pk  | 37.2             | -40.3          | 56.39                      | -                  | -           | -                   | -17.61         | 0-360          | 199         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

Tested By: 115746/11993

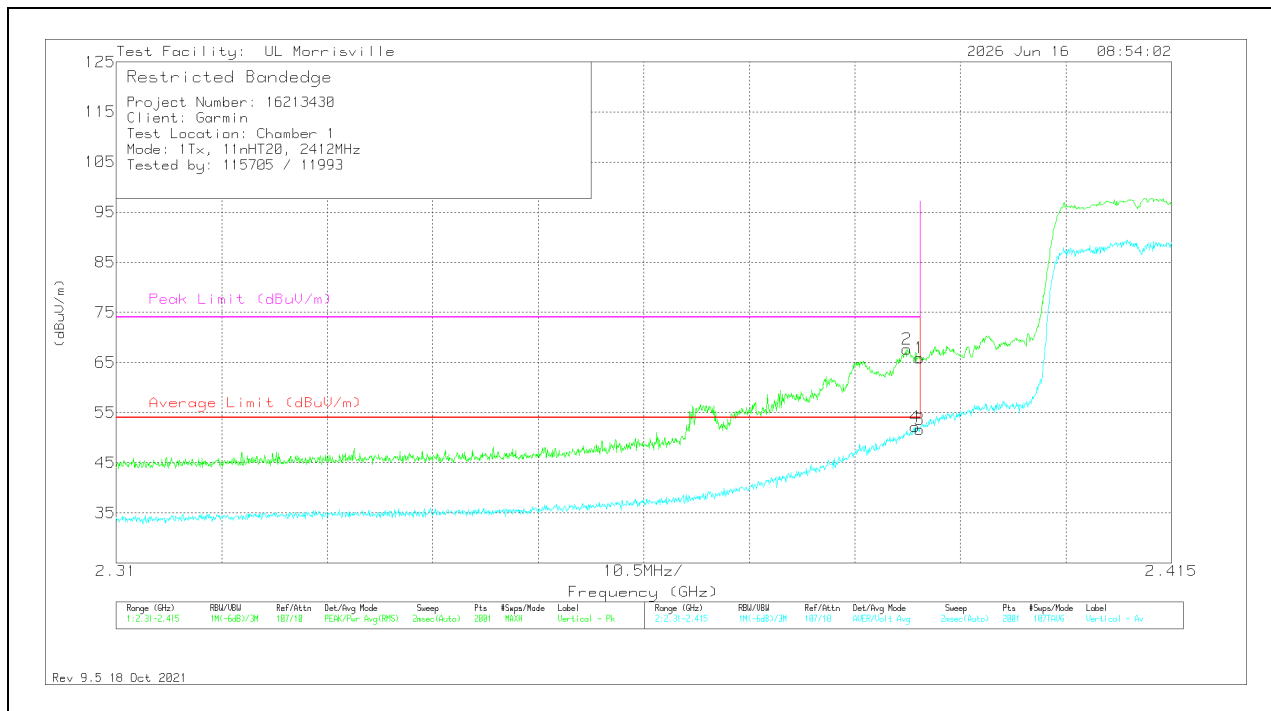
Test Dates: 2026-06-11

Test Locations: Chamber 2

### 10.1.3. 2.4GHz WLAN

## BANDEDGE (WORST-CASE: 802.11n HT20, 2412 MHz)

### VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.38996    | 57.72                | Pk  | 32.1             | -23.9          | 0            | 65.92                      | -                      | -           | 74                  | -8.08          | 290            | 134         | V        |
| 2      | * ** 2.3887     | 59.47                | Pk  | 32.1             | -23.9          | 0            | 67.67                      | -                      | -           | 74                  | -6.33          | 290            | 134         | V        |
| 3      | * ** 2.38996    | 42.86                | ADV | 32.1             | -23.9          | .62          | 51.68                      | 54                     | -2.32       | -                   | -              | 290            | 134         | V        |
| 4      | * ** 2.38949    | 43.39                | ADV | 32.1             | -23.9          | .62          | 52.21                      | 54                     | -1.79       | -                   | -              | 290            | 134         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

# BANEDGE TEST DATA

| Mode    | Frequency (MHz) | Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|--------|-----------------|----------------------|-----|----------------|----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 802.11b | 2412            | 1      | *** 2.39        | 41.97                | Pk  | 32.2           | -24            | 0            | 50.17                      | -                      | -           | 74                  | -23.83         | 213            | 217         | H        |
|         |                 | 2      | *** 2.386125    | 46.09                | Pk  | 32.2           | -24            | 0            | 54.29                      | -                      | -           | 74                  | -19.71         | 213            | 217         | H        |
|         |                 | 3      | *** 2.39        | 31.71                | ADV | 32.2           | -24            | .2           | 40.11                      | 54                     | -13.89      | -                   | -              | 213            | 217         | H        |
|         |                 | 4      | *** 2.385705    | 39.7                 | ADV | 32.2           | -24            | .2           | 48.1                       | 54                     | -5.9        | -                   | -              | 213            | 217         | H        |
|         |                 | 1      | *** 2.39        | 40.15                | Pk  | 32.2           | -24            | 0            | 48.35                      | -                      | -           | 74                  | -25.65         | 185            | 203         | V        |
|         |                 | 2      | *** 2.382975    | 43.83                | Pk  | 32.2           | -23.9          | 0            | 52.13                      | -                      | -           | 74                  | -21.87         | 185            | 203         | V        |
|         |                 | 3      | *** 2.39        | 29.69                | ADV | 32.2           | -24            | .2           | 38.09                      | 54                     | -15.91      | -                   | -              | 185            | 203         | V        |
|         |                 | 4      | *** 2.385758    | 36.52                | ADV | 32.2           | -24            | .2           | 44.92                      | 54                     | -9.08       | -                   | -              | 185            | 203         | V        |
|         | 2462            | 1      | *** 2.4835      | 40.33                | Pk  | 32.7           | -24.4          | 0            | 48.63                      | -                      | -           | 74                  | -25.37         | 244            | 262         | H        |
|         |                 | 2      | *** 2.487759    | 42.37                | Pk  | 32.7           | -24.3          | 0            | 50.77                      | -                      | -           | 74                  | -23.23         | 244            | 262         | H        |
|         |                 | 3      | *** 2.4835      | 29.69                | ADV | 32.7           | -24.4          | .2           | 38.19                      | 54                     | -15.81      | -                   | -              | 244            | 262         | V        |
|         |                 | 4      | *** 2.487759    | 33.67                | ADV | 32.7           | -24.3          | .2           | 42.27                      | 54                     | -11.73      | -                   | -              | 244            | 262         | V        |
|         |                 | 1      | *** 2.4835      | 37.4                 | Pk  | 32.7           | -24.4          | 0            | 45.7                       | -                      | -           | 74                  | -28.3          | 331            | 264         | V        |
|         |                 | 2      | *** 2.486729    | 39.75                | Pk  | 32.7           | -24.3          | 0            | 48.15                      | -                      | -           | 74                  | -25.85         | 331            | 264         | V        |
|         |                 | 3      | *** 2.4835      | 26.62                | ADV | 32.7           | -24.4          | .2           | 35.12                      | 54                     | -18.88      | -                   | -              | 331            | 264         | V        |
|         |                 | 4      | *** 2.487862    | 29.27                | ADV | 32.7           | -24.3          | .2           | 37.87                      | 54                     | -16.13      | -                   | -              | 331            | 264         | V        |
|         | 2467            | 1      | *** 2.4835      | 48.14                | Pk  | 32.7           | -24.4          | 0            | 56.44                      | -                      | -           | 74                  | -17.56         | 247            | 263         | H        |
|         |                 | 2      | *** 2.483948    | 48.32                | Pk  | 32.7           | -24.3          | 0            | 56.72                      | -                      | -           | 74                  | -17.28         | 247            | 263         | H        |
|         |                 | 3      | *** 2.4835      | 39.74                | ADV | 32.7           | -24.4          | .2           | 48.24                      | 54                     | -5.76       | -                   | -              | 247            | 263         | H        |
|         |                 | 4      | *** 2.484257    | 43.13                | ADV | 32.7           | -24.3          | .2           | 51.73                      | 54                     | -2.27       | -                   | -              | 247            | 263         | H        |
|         |                 | 1      | *** 2.4835      | 44.77                | Pk  | 32.7           | -24.4          | 0            | 53.07                      | -                      | -           | 74                  | -20.93         | 330            | 264         | V        |
|         |                 | 2      | *** 2.484257    | 44.64                | Pk  | 32.7           | -24.3          | 0            | 53.04                      | -                      | -           | 74                  | -20.96         | 330            | 264         | V        |
|         |                 | 3      | *** 2.4835      | 35.19                | ADV | 32.7           | -24.4          | .2           | 43.69                      | 54                     | -10.31      | -                   | -              | 330            | 264         | V        |
|         |                 | 4      | *** 2.484308    | 38.69                | ADV | 32.7           | -24.3          | .2           | 47.29                      | 54                     | -6.71       | -                   | -              | 330            | 264         | V        |
|         | 2472            | 1      | *** 2.4835      | 42.75                | Pk  | 32.7           | -24.4          | 0            | 51.05                      | -                      | -           | 74                  | -22.95         | 250            | 267         | H        |
|         |                 | 2      | *** 2.486317    | 47.28                | Pk  | 32.7           | -24.3          | 0            | 55.68                      | -                      | -           | 74                  | -18.32         | 250            | 267         | H        |
|         |                 | 3      | *** 2.4835      | 31.93                | ADV | 32.7           | -24.4          | .2           | 40.43                      | 54                     | -13.57      | -                   | -              | 250            | 267         | H        |
|         |                 | 4      | *** 2.486677    | 41.39                | ADV | 32.7           | -24.3          | .2           | 49.99                      | 54                     | -4.01       | -                   | -              | 250            | 267         | H        |
|         |                 | 1      | *** 2.4835      | 40.65                | Pk  | 32.7           | -24.4          | 0            | 48.95                      | -                      | -           | 74                  | -25.05         | 180            | 224         | V        |
|         |                 | 2      | *** 2.486471    | 44.28                | Pk  | 32.7           | -24.3          | 0            | 52.68                      | -                      | -           | 74                  | -21.32         | 180            | 224         | V        |
|         |                 | 3      | *** 2.4835      | 29.27                | ADV | 32.7           | -24.4          | .2           | 37.77                      | 54                     | -16.23      | -                   | -              | 180            | 224         | V        |
|         |                 | 4      | *** 2.48678     | 38.14                | ADV | 32.7           | -24.3          | .2           | 46.74                      | 54                     | -7.26       | -                   | -              | 180            | 224         | V        |
| 802.11g | 2412            | 1      | *** 2.38996     | 55.9                 | Pk  | 32.1           | -23.9          | 0            | 64.1                       | -                      | -           | 74                  | -9.9           | 141            | 167         | H        |
|         |                 | 2      | *** 2.38991     | 56.55                | Pk  | 32.1           | -23.9          | 0            | 64.75                      | -                      | -           | 74                  | -9.25          | 141            | 167         | H        |
|         |                 | 3      | *** 2.38996     | 43.03                | ADV | 32.1           | -23.9          | .5           | 51.73                      | 54                     | -2.27       | -                   | -              | 141            | 167         | H        |
|         |                 | 4      | *** 2.38985     | 43.16                | ADV | 32.1           | -23.9          | .5           | 51.86                      | 54                     | -2.14       | -                   | -              | 141            | 167         | H        |
|         |                 | 1      | *** 2.38996     | 54.28                | Pk  | 32.1           | -23.9          | 0            | 62.48                      | -                      | -           | 74                  | -11.52         | 103            | 163         | V        |
|         |                 | 2      | *** 2.3845      | 54.59                | Pk  | 32.1           | -23.9          | 0            | 62.79                      | -                      | -           | 74                  | -11.21         | 103            | 163         | V        |
|         |                 | 3      | *** 2.38996     | 40.64                | ADV | 32.1           | -23.9          | .5           | 49.34                      | 54                     | -4.66       | -                   | -              | 103            | 163         | V        |
|         |                 | 4      | *** 2.38985     | 41.67                | ADV | 32.1           | -23.9          | .5           | 50.37                      | 54                     | -3.63       | -                   | -              | 103            | 163         | V        |
|         | 2462            | 1      | *** 2.48354     | 57.35                | Pk  | 32.3           | -24.5          | 0            | 65.15                      | -                      | -           | 74                  | -8.85          | 337            | 121         | H        |
|         |                 | 2      | *** 2.484       | 56.6                 | Pk  | 32.3           | -24.5          | 0            | 64.4                       | -                      | -           | 74                  | -9.6           | 337            | 121         | H        |
|         |                 | 3      | *** 2.48354     | 42.25                | ADV | 32.3           | -24.5          | .5           | 50.55                      | 54                     | -3.45       | -                   | -              | 337            | 121         | H        |
|         |                 | 4      | *** 2.4839      | 41.82                | ADV | 32.3           | -24.5          | .5           | 50.12                      | 54                     | -3.88       | -                   | -              | 337            | 121         | H        |
|         |                 | 1      | *** 2.48354     | 53.68                | Pk  | 32.3           | -24.5          | 0            | 61.48                      | -                      | -           | 74                  | -12.52         | 115            | 143         | V        |
|         |                 | 2      | *** 2.48369     | 55.03                | Pk  | 32.3           | -24.5          | 0            | 62.83                      | -                      | -           | 74                  | -11.17         | 115            | 143         | V        |
|         |                 | 3      | *** 2.48354     | 39                   | ADV | 32.3           | -24.5          | .5           | 47.3                       | 54                     | -6.7        | -                   | -              | 115            | 143         | V        |
|         |                 | 4      | *** 2.4839      | 39.29                | ADV | 32.3           | -24.5          | .5           | 47.59                      | 54                     | -6.41       | -                   | -              | 115            | 143         | V        |
|         | 2467            | 1      | *** 2.48354     | 54.2                 | Pk  | 32.3           | -24.5          | 0            | 62                         | -                      | -           | 74                  | -12            | 328            | 139         | H        |
|         |                 | 2      | *** 2.48431     | 54.04                | Pk  | 32.3           | -24.5          | 0            | 61.84                      | -                      | -           | 74                  | -12.16         | 328            | 139         | H        |
|         |                 | 3      | *** 2.48354     | 41.58                | ADV | 32.3           | -24.5          | .5           | 49.88                      | 54                     | -4.12       | -                   | -              | 328            | 139         | H        |
|         |                 | 4      | *** 2.48359     | 41.84                | ADV | 32.3           | -24.5          | .5           | 50.14                      | 54                     | -3.86       | -                   | -              | 328            | 139         | H        |
|         |                 | 1      | *** 2.48354     | 51.73                | Pk  | 32.3           | -24.5          | 0            | 59.53                      | -                      | -           | 74                  | -14.47         | 110            | 127         | V        |
|         |                 | 2      | *** 2.48359     | 52.09                | Pk  | 32.3           | -24.5          | 0            | 59.89                      | -                      | -           | 74                  | -14.11         | 110            | 127         | V        |
|         |                 | 3      | *** 2.48354     | 38.24                | ADV | 32.3           | -24.5          | .5           | 46.54                      | 54                     | -7.46       | -                   | -              | 110            | 127         | V        |
|         |                 | 4      | *** 2.48374     | 38.83                | ADV | 32.3           | -24.5          | .5           | 47.13                      | 54                     | -6.87       | -                   | -              | 110            | 127         | V        |

| Mode            | Frequency (MHz) | Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|-----------------|--------|-----------------|----------------------|-----|----------------|----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
|                 | 2472            | 1      | *** 2.48354     | 54.65                | Pk  | 32.3           | -24.5          | 0            | 62.45                      | -                      | -           | 74                  | -11.55         | 339            | 119         | H        |
|                 |                 | 2      | *** 2.4841      | 58.28                | Pk  | 32.3           | -24.5          | 0            | 66.08                      | -                      | -           | 74                  | -7.92          | 339            | 119         | H        |
|                 |                 | 3      | *** 2.48354     | 41.44                | ADV | 32.3           | -24.5          | .5           | 49.74                      | 54                     | -4.26       | -                   | -              | 339            | 119         | H        |
|                 |                 | 4      | *** 2.4841      | 42.4                 | ADV | 32.3           | -24.5          | .5           | 50.7                       | 54                     | -3.3        | -                   | -              | 339            | 119         | H        |
|                 |                 | 1      | *** 2.48354     | 52.43                | Pk  | 32.3           | -24.5          | 0            | 60.23                      | -                      | -           | 74                  | -13.77         | 118            | 141         | V        |
|                 |                 | 2      | *** 2.48421     | 56.23                | Pk  | 32.3           | -24.5          | 0            | 64.03                      | -                      | -           | 74                  | -9.97          | 118            | 141         | V        |
|                 |                 | 3      | *** 2.48354     | 40.06                | ADV | 32.3           | -24.5          | .5           | 48.36                      | 54                     | -5.64       | -                   | -              | 118            | 141         | V        |
|                 |                 | 4      | *** 2.48369     | 40.33                | ADV | 32.3           | -24.5          | .5           | 48.63                      | 54                     | -5.37       | -                   | -              | 118            | 141         | V        |
| 802.11n<br>HT20 | 2412            | 1      | *** 2.38996     | 56.38                | Pk  | 32.1           | -23.9          | 0            | 64.58                      | -                      | -           | 74                  | -9.42          | 146            | 261         | H        |
|                 |                 | 2      | *** 2.38875     | 58.29                | Pk  | 32.1           | -23.9          | 0            | 66.49                      | -                      | -           | 74                  | -7.51          | 146            | 261         | H        |
|                 |                 | 3      | *** 2.38996     | 41.16                | ADV | 32.1           | -23.9          | .62          | 49.98                      | 54                     | -4.02       | -                   | -              | 146            | 261         | H        |
|                 |                 | 4      | *** 2.38991     | 41.36                | ADV | 32.1           | -23.9          | .62          | 50.18                      | 54                     | -3.82       | -                   | -              | 146            | 261         | H        |
|                 |                 | 1      | *** 2.38996     | 57.72                | Pk  | 32.1           | -23.9          | 0            | 65.92                      | -                      | -           | 74                  | -8.08          | 290            | 134         | V        |
|                 |                 | 2      | *** 2.3887      | 59.47                | Pk  | 32.1           | -23.9          | 0            | 67.67                      | -                      | -           | 74                  | -6.33          | 290            | 134         | V        |
|                 |                 | 3      | *** 2.38996     | 42.86                | ADV | 32.1           | -23.9          | .62          | 51.68                      | 54                     | -2.32       | -                   | -              | 290            | 134         | V        |
|                 |                 | 4      | *** 2.38949     | 43.39                | ADV | 32.1           | -23.9          | .62          | 52.21                      | 54                     | -1.79       | -                   | -              | 290            | 134         | V        |
|                 | 2462            | 1      | *** 2.48354     | 56.69                | Pk  | 32.3           | -24.5          | 0            | 64.49                      | -                      | -           | 74                  | -9.51          | 317            | 154         | H        |
|                 |                 | 2      | *** 2.48467     | 56.53                | Pk  | 32.3           | -24.5          | 0            | 64.33                      | -                      | -           | 74                  | -9.67          | 317            | 154         | H        |
|                 |                 | 3      | *** 2.48354     | 41.05                | ADV | 32.3           | -24.5          | .62          | 49.47                      | 54                     | -4.53       | -                   | -              | 317            | 154         | H        |
|                 |                 | 4      | *** 2.48374     | 41.58                | ADV | 32.3           | -24.5          | .62          | 50                         | 54                     | -4          | -                   | -              | 317            | 154         | H        |
|                 |                 | 1      | *** 2.48354     | 53.99                | Pk  | 32.3           | -24.5          | 0            | 61.79                      | -                      | -           | 74                  | -12.21         | 112            | 229         | V        |
|                 |                 | 2      | *** 2.48395     | 54.41                | Pk  | 32.3           | -24.5          | 0            | 62.21                      | -                      | -           | 74                  | -11.79         | 112            | 229         | V        |
|                 |                 | 3      | *** 2.48354     | 38.49                | ADV | 32.3           | -24.5          | .62          | 46.91                      | 54                     | -7.09       | -                   | -              | 112            | 229         | V        |
|                 |                 | 4      | *** 2.48359     | 38.92                | ADV | 32.3           | -24.5          | .62          | 47.34                      | 54                     | -6.66       | -                   | -              | 112            | 229         | V        |
|                 | 2467            | 1      | *** 2.48354     | 53.79                | Pk  | 32.3           | -24.5          | 0            | 61.59                      | -                      | -           | 74                  | -12.41         | 319            | 256         | H        |
|                 |                 | 2      | *** 2.48359     | 54.05                | Pk  | 32.3           | -24.5          | 0            | 61.85                      | -                      | -           | 74                  | -12.15         | 319            | 256         | H        |
|                 |                 | 3      | *** 2.48354     | 39.81                | ADV | 32.3           | -24.5          | .62          | 48.23                      | 54                     | -5.77       | -                   | -              | 319            | 256         | H        |
|                 |                 | 4      | *** 2.48384     | 39.16                | ADV | 32.3           | -24.5          | .62          | 47.58                      | 54                     | -6.42       | -                   | -              | 319            | 256         | H        |
|                 |                 | 1      | *** 2.48354     | 54.68                | Pk  | 32.3           | -24.5          | 0            | 62.48                      | -                      | -           | 74                  | -11.52         | 291            | 104         | V        |
|                 |                 | 2      | *** 2.48384     | 53.87                | Pk  | 32.3           | -24.5          | 0            | 61.67                      | -                      | -           | 74                  | -12.33         | 291            | 104         | V        |
|                 |                 | 3      | *** 2.48354     | 39.34                | ADV | 32.3           | -24.5          | .62          | 47.76                      | 54                     | -6.24       | -                   | -              | 291            | 104         | V        |
|                 |                 | 4      | *** 2.48374     | 40.08                | ADV | 32.3           | -24.5          | .62          | 48.5                       | 54                     | -5.5        | -                   | -              | 291            | 104         | V        |
|                 | 2472            | 1      | *** 2.48354     | 55.49                | Pk  | 32.3           | -24.5          | 0            | 63.29                      | -                      | -           | 74                  | -10.71         | 323            | 151         | H        |
|                 |                 | 2      | *** 2.48415     | 56.71                | Pk  | 32.3           | -24.5          | 0            | 64.51                      | -                      | -           | 74                  | -9.49          | 323            | 151         | H        |
|                 |                 | 3      | *** 2.48354     | 41.64                | ADV | 32.3           | -24.5          | .62          | 50.06                      | 54                     | -3.94       | -                   | -              | 323            | 151         | H        |
|                 |                 | 4      | *** 2.4841      | 42.05                | ADV | 32.3           | -24.5          | .62          | 50.47                      | 54                     | -3.53       | -                   | -              | 323            | 151         | H        |
|                 |                 | 1      | *** 2.48354     | 56.69                | Pk  | 32.3           | -24.5          | 0            | 64.49                      | -                      | -           | 74                  | -9.51          | 292            | 109         | V        |
|                 |                 | 2      | *** 2.48405     | 57.33                | Pk  | 32.3           | -24.5          | 0            | 65.13                      | -                      | -           | 74                  | -8.87          | 292            | 109         | V        |
|                 |                 | 3      | *** 2.48354     | 43.12                | ADV | 32.3           | -24.5          | .62          | 51.54                      | 54                     | -2.46       | -                   | -              | 292            | 109         | V        |
|                 |                 | 4      | *** 2.48359     | 43.19                | ADV | 32.3           | -24.5          | .62          | 51.61                      | 54                     | -2.39       | -                   | -              | 292            | 109         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

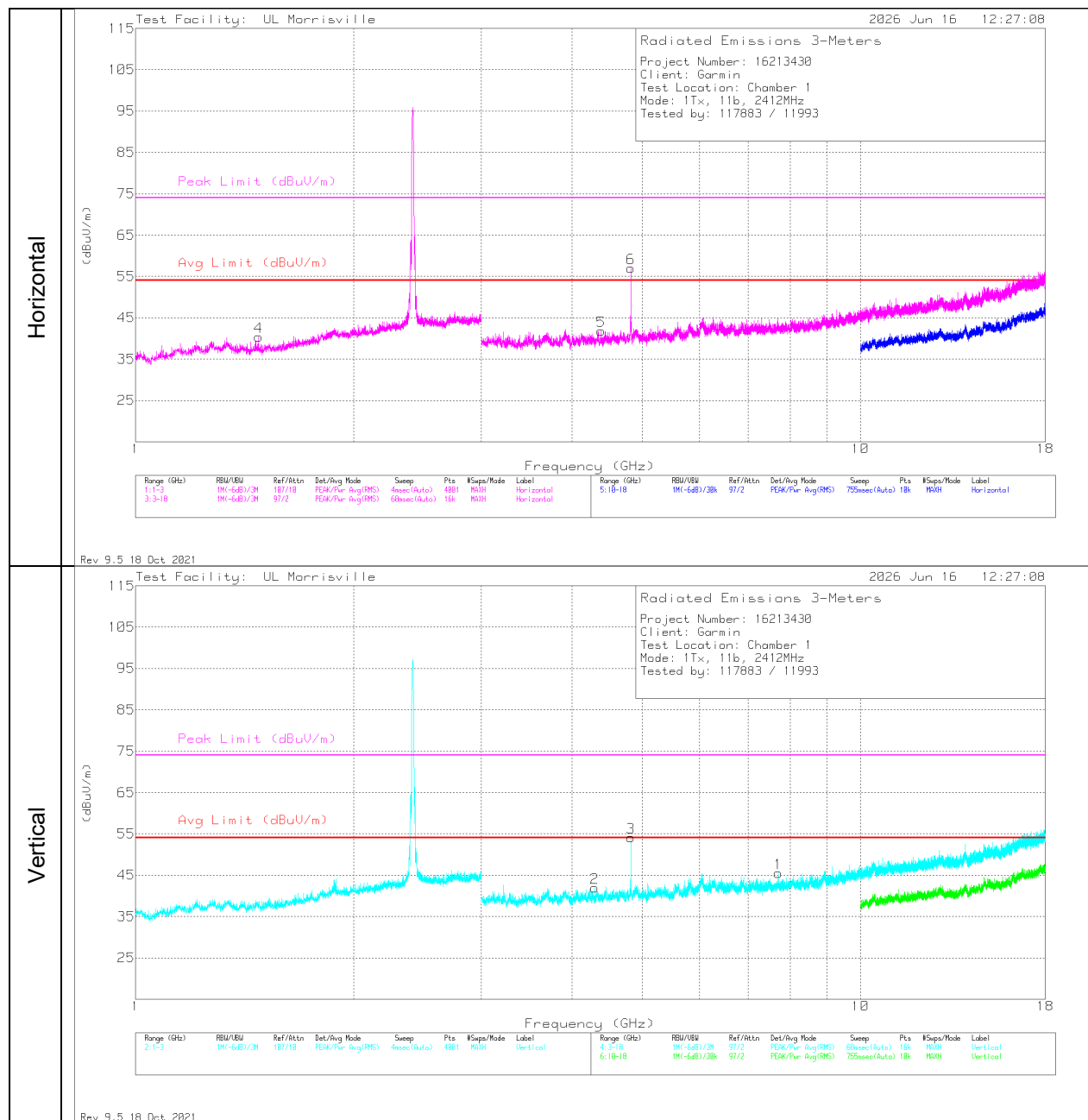
ADV - Linear Voltage Average

Tested By: 115705/11993, 115747/11993, 117883/11993

Test Dates: 2026-06-11, 2026-06-15, and 2026-06-16

Test Locations: Chamber 1, Chamber 2

## HARMONICS AND SPURIOUS (WORST-CASE: 802.11b, 2412 MHz)



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | *** 1.4785      | 37.17                | Pk  | 28.1             | -24.9          | 0            | 40.37                      | 54                 | -13.63      | 74                  | -33.63         | 0-360          | 101         | H        |
| 5      | *** 4.3875      | 54.09                | Pk  | 33.6             | -45.9          | 0            | 41.79                      | 54                 | -12.21      | 74                  | -32.21         | 0-360          | 200         | H        |
| 6      | *** 4.8239      | 71.85                | PK2 | 34               | -45.2          | 0            | 60.65                      | -                  | -           | 74                  | -13.35         | 297            | 213         | H        |
|        | *** 4.82397     | 61.15                | ADV | 34               | -45.2          | .2           | 50.15                      | 54                 | -3.85       | -                   | -              | 297            | 213         | H        |
| 1      | *** 7.70625     | 50.98                | Pk  | 35.6             | -41.1          | 0            | 45.48                      | 54                 | -8.52       | 74                  | -28.52         | 0-360          | 200         | V        |
| 2      | *** 4.29938     | 53.08                | Pk  | 33.5             | -44.6          | 0            | 41.98                      | 54                 | -12.02      | 74                  | -32.02         | 0-360          | 200         | V        |
| 3      | *** 4.82408     | 67.53                | PK2 | 34               | -45.2          | 0            | 56.33                      | -                  | -           | 74                  | -17.67         | 0              | 317         | V        |
|        | *** 4.82399     | 57.34                | ADV | 34               | -45.2          | .2           | 46.34                      | 54                 | -7.66       | -                   | -              | 0              | 317         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

## HARMONICS AND SPURIOUS TEST DATA

| Mode    | Frequency (MHz) | Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 88761 ACF (dB) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|--------|-----------------|----------------------|-----|----------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 802.11b | 2412            | 4      | *** 1.4785      | 37.17                | Pk  | 28.1           | -24.9          | 0            | 40.37                      | 54                 | -13.63      | 74                  | -33.63         | 0-360          | 101         | H        |
|         |                 | 5      | *** 4.3875      | 54.09                | Pk  | 33.6           | -45.9          | 0            | 41.79                      | 54                 | -12.21      | 74                  | -32.21         | 0-360          | 200         | H        |
|         |                 | 6      | *** 4.8239      | 71.85                | PK2 | 34             | -45.2          | 0            | 60.65                      | -                  | -           | 74                  | -13.35         | 297            | 213         | H        |
|         |                 |        | *** 4.82397     | 61.15                | ADV | 34             | -45.2          | .2           | 50.15                      | 54                 | -3.85       | -                   | -              | 297            | 213         | H        |
|         |                 | 1      | *** 7.70625     | 50.98                | Pk  | 35.6           | -41.1          | 0            | 45.48                      | 54                 | -8.52       | 74                  | -28.52         | 0-360          | 200         | V        |
|         |                 | 2      | *** 4.29938     | 53.08                | Pk  | 33.5           | -44.6          | 0            | 41.98                      | 54                 | -12.02      | 74                  | -32.02         | 0-360          | 200         | V        |
|         |                 | 3      | *** 4.82408     | 67.53                | PK2 | 34             | -45.2          | 0            | 56.33                      | -                  | -           | 74                  | -17.67         | 0              | 317         | V        |
|         |                 |        | *** 4.82399     | 57.34                | ADV | 34             | -45.2          | .2           | 46.34                      | 54                 | -7.66       | -                   | -              | 0              | 317         | V        |
|         | 2437            | 1      | *** 2.6965      | 37.81                | Pk  | 32.3           | -23.9          | 0            | 46.21                      | 54                 | -7.79       | 74                  | -27.79         | 0-360          | 101         | H        |
|         |                 | 2      | *** 4.39219     | 53.95                | Pk  | 33.6           | -45.8          | 0            | 41.75                      | 54                 | -12.25      | 74                  | -32.25         | 0-360          | 200         | H        |
|         |                 | 3      | *** 4.87394     | 70.25                | PK2 | 34.1           | -45            | 0            | 59.35                      | -                  | -           | 74                  | -14.65         | 297            | 111         | H        |
|         |                 |        | *** 4.87399     | 59.25                | ADV | 34.1           | -45            | .2           | 48.55                      | 54                 | -5.45       | -                   | -              | 297            | 111         | H        |
|         |                 | 4      | *** 4.545       | 54.03                | Pk  | 33.8           | -45.8          | 0            | 42.03                      | 54                 | -11.97      | 74                  | -31.97         | 0-360          | 200         | V        |
|         |                 | 5      | *** 4.87393     | 66.51                | PK2 | 34.1           | -45            | 0            | 55.61                      | -                  | -           | 74                  | -18.39         | 320            | 112         | V        |
|         |                 |        | *** 4.87398     | 56.34                | ADV | 34.1           | -45            | .2           | 45.64                      | 54                 | -8.36       | -                   | -              | 320            | 112         | V        |
|         |                 | 6      | *** 5.13844     | 52.02                | Pk  | 34.3           | -43.8          | 0            | 42.52                      | 54                 | -11.48      | 74                  | -31.48         | 0-360          | 101         | V        |
|         | 2472            | 1      | *** 4.94389     | 68.14                | PK2 | 33.9           | -44.1          | 0            | 57.94                      | -                  | -           | 74                  | -16.06         | 298            | 118         | H        |
|         |                 |        | *** 4.94391     | 57.5                 | ADV | 33.9           | -44.1          | .2           | 47.5                       | 54                 | -6.5        | -                   | -              | 298            | 118         | H        |
|         |                 | 2      | *** 7.30313     | 49.59                | Pk  | 35.5           | -41.5          | 0            | 43.59                      | 54                 | -10.41      | 74                  | -30.41         | 0-360          | 101         | H        |
|         |                 | 3      | *** 8.48906     | 49.88                | Pk  | 35.7           | -41            | 0            | 44.58                      | 54                 | -9.42       | 74                  | -29.42         | 0-360          | 199         | H        |
|         |                 | 4      | *** 7.47        | 51.09                | Pk  | 35.7           | -41.2          | 0            | 45.59                      | 54                 | -8.41       | 74                  | -28.41         | 0-360          | 200         | V        |
|         |                 | 5      | *** 4.94391     | 64.14                | PK2 | 33.9           | -44.1          | 0            | 53.94                      | -                  | -           | 74                  | -20.06         | 319            | 111         | V        |
|         |                 |        | *** 4.94397     | 54.72                | ADV | 33.9           | -44.1          | .2           | 44.72                      | 54                 | -9.28       | -                   | -              | 319            | 111         | V        |
|         |                 | 6      | *** 9.46406     | 50.41                | Pk  | 36.6           | -40.7          | 0            | 46.31                      | 54                 | -7.69       | 74                  | -27.69         | 0-360          | 101         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

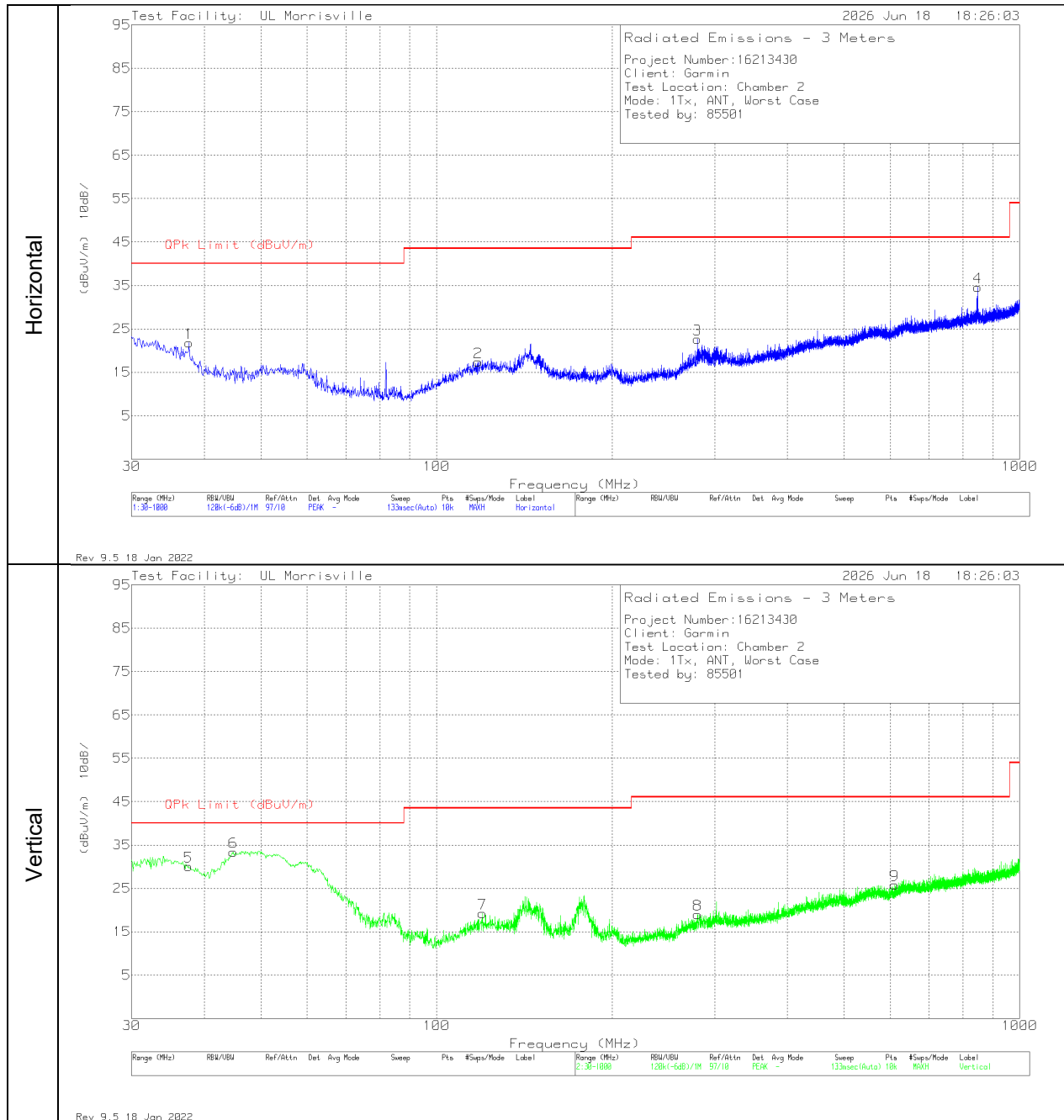
Tested By: 117883/11993

Test Dates: 2026-06-16

Test Locations: Chamber 1

## 10.2. WORST CASE SPURIOUS BELOW 1 GHZ

### 10.2.1. ANT/ANT+



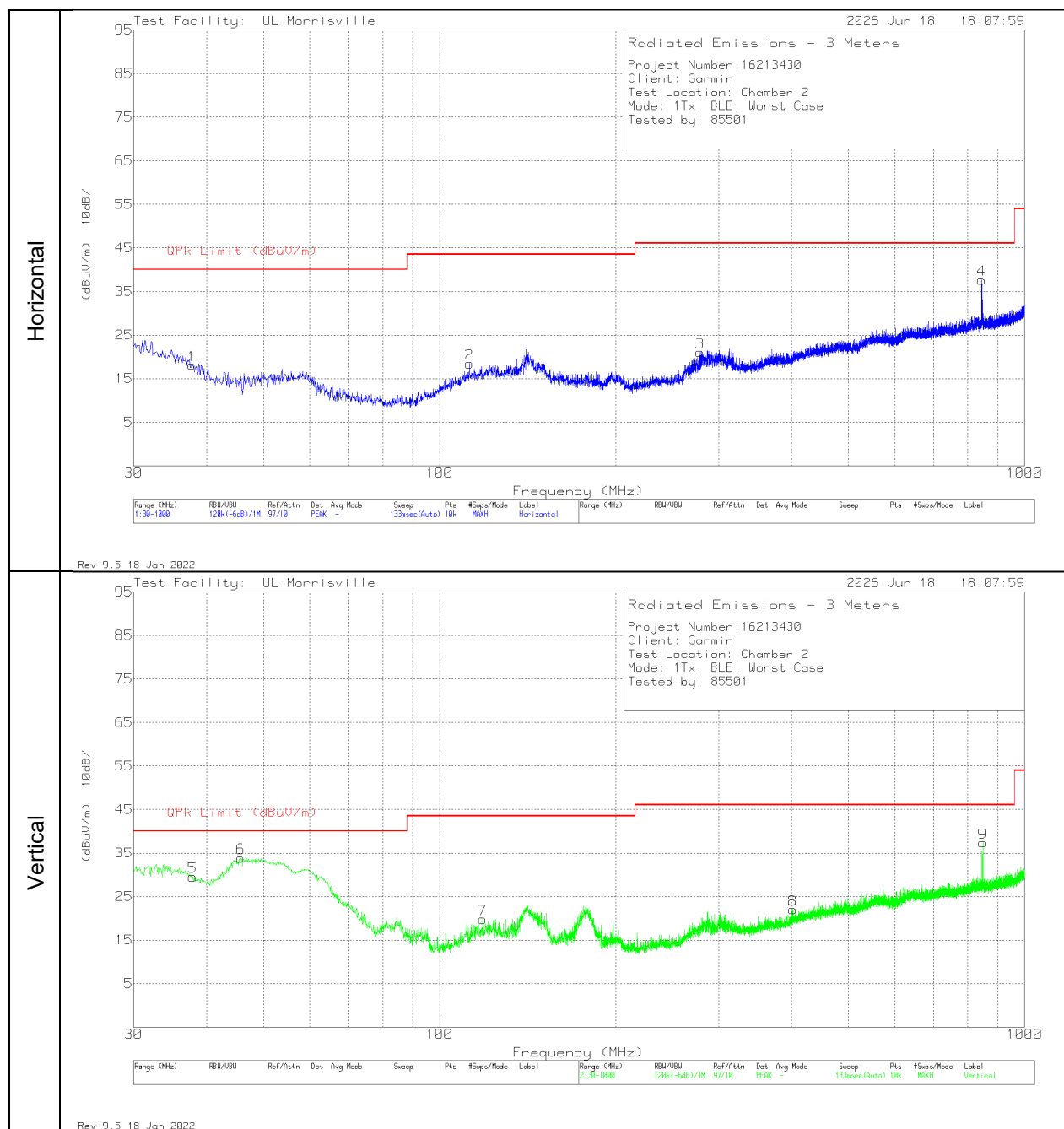
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 159203 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | * ** 37.663     | 31.71                | Pk  | 21.7              | -31.6          | 21.81                      | 40                 | -18.19      | 0-360          | 299         | H        |
| 2      | * ** 117.882    | 28.48                | Pk  | 19.7              | -30.8          | 17.38                      | 43.52              | -26.14      | 0-360          | 399         | H        |
| 3      | * ** 280.066    | 32.84                | Pk  | 19.4              | -29.6          | 22.64                      | 46.02              | -23.38      | 0-360          | 101         | H        |
| 4      | ** 848.098      | 33.51                | Pk  | 28                | -26.9          | 34.61                      | 46.02              | -11.41      | 0-360          | 199         | H        |
| 5      | * ** 37.566     | 39.97                | Pk  | 21.8              | -31.7          | 30.07                      | 40                 | -9.93       | 0-360          | 101         | V        |
| 7      | * ** 119.919    | 30.16                | Pk  | 19.9              | -30.8          | 19.26                      | 43.52              | -24.26      | 0-360          | 101         | V        |
| 8      | * ** 280.454    | 29.21                | Pk  | 19.4              | -29.6          | 19.01                      | 46.02              | -27.01      | 0-360          | 199         | V        |
| 9      | * ** 610.254    | 29.22                | Pk  | 24.7              | -28.1          | 25.82                      | 46.02              | -20.2       | 0-360          | 299         | V        |
| 6      | 44.841          | 48.41                | Pk  | 16.5              | -31.5          | 33.41                      | -                  | -           | 0-360          | 101         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

## 10.2.2. BLE



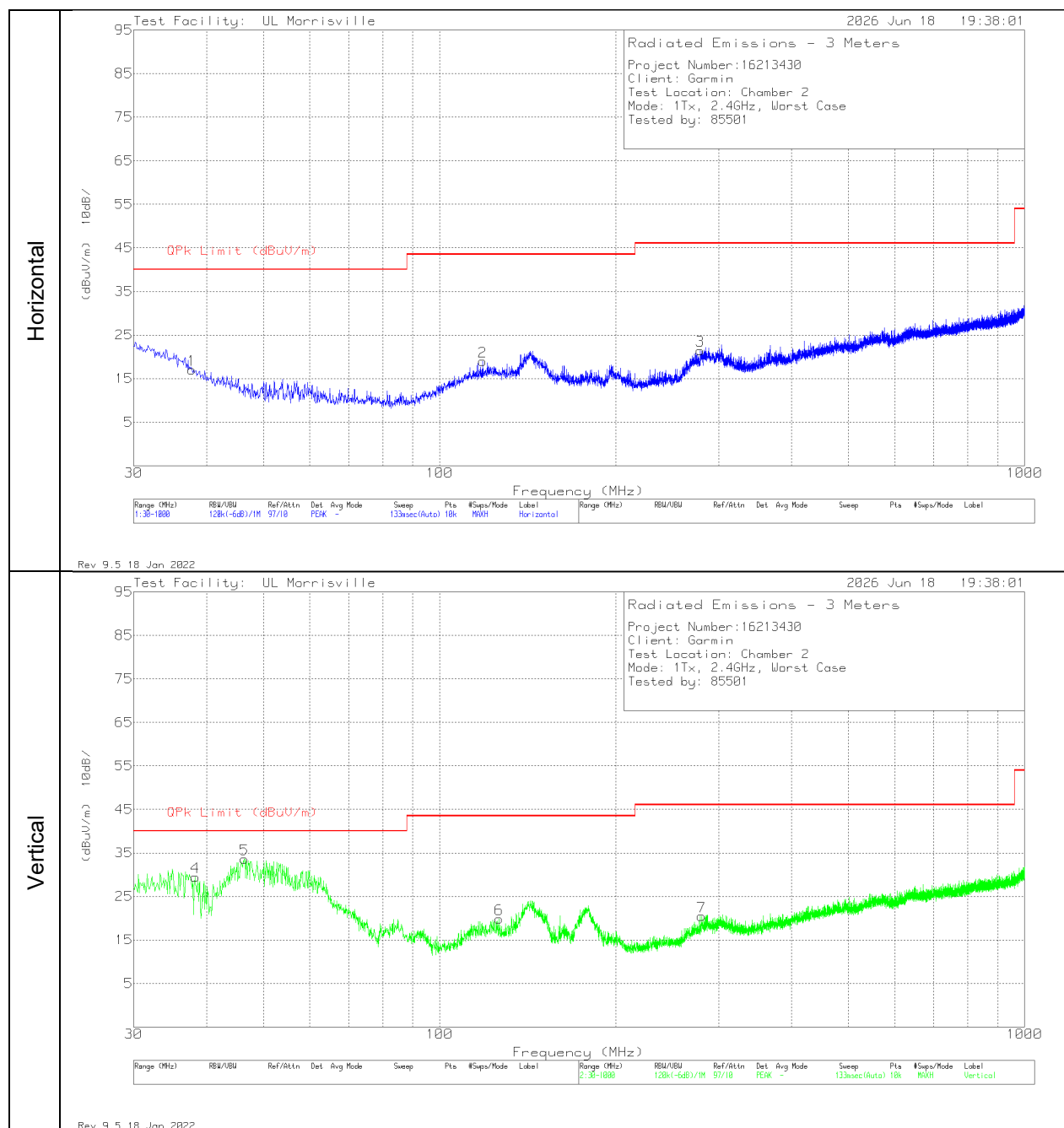
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 159203 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | * ** 37.76      | 28.03                | Pk  | 21.7              | -31.6          | 18.13                      | 40                 | -21.87      | 0-360          | 199         | H        |
| 2      | * ** 112.45     | 30.15                | Pk  | 19.1              | -30.8          | 18.45                      | 43.52              | -25.07      | 0-360          | 399         | H        |
| 3      | * ** 278.805    | 31.32                | Pk  | 19.4              | -29.7          | 21.02                      | 46.02              | -25         | 0-360          | 101         | H        |
| 4      | ** 844.897      | 36.58                | Pk  | 27.9              | -26.8          | 37.68                      | 46.02              | -8.34       | 0-360          | 399         | H        |
| 5      | * ** 37.857     | 39.52                | Pk  | 21.6              | -31.6          | 29.52                      | 40                 | -10.48      | 0-360          | 101         | V        |
| 7      | * ** 118.561    | 30.79                | Pk  | 19.8              | -30.8          | 19.79                      | 43.52              | -23.73      | 0-360          | 101         | V        |
| 8      | * ** 401.704    | 29.01                | Pk  | 21.8              | -28.8          | 22.01                      | 46.02              | -24.01      | 0-360          | 299         | V        |
| 9      | ** 848.68       | 36.26                | Pk  | 27.9              | -26.8          | 37.36                      | 46.02              | -8.66       | 0-360          | 199         | V        |
| 6      | 45.714          | 49.38                | Pk  | 16                | -31.5          | 33.88                      | -                  | -           | 0-360          | 101         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.2.3. 2.4GHz WLAN



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 159203 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | * ** 37.76      | 26.97                | Pk  | 21.7              | -31.6          | 17.07                      | 40                 | -22.93      | 0-360          | 299         | H        |
| 2      | * ** 118.464    | 30.08                | Pk  | 19.7              | -30.8          | 18.98                      | 43.52              | -24.54      | 0-360          | 299         | H        |
| 3      | * ** 279.096    | 31.76                | Pk  | 19.4              | -29.7          | 21.46                      | 46.02              | -24.56      | 0-360          | 101         | H        |
| 4      | * ** 38.245     | 39.89                | Pk  | 21.3              | -31.7          | 29.49                      | 40                 | -10.51      | 0-360          | 101         | V        |
| 6      | * ** 126.418    | 30.57                | Pk  | 20                | -30.7          | 19.87                      | 43.52              | -23.65      | 0-360          | 101         | V        |
| 7      | * ** 280.551    | 30.62                | Pk  | 19.4              | -29.6          | 20.42                      | 46.02              | -25.6       | 0-360          | 199         | V        |
| 5      | 46.393          | 49.54                | Pk  | 15.6              | -31.5          | 33.64                      | -                  | -           | 0-360          | 101         | V        |

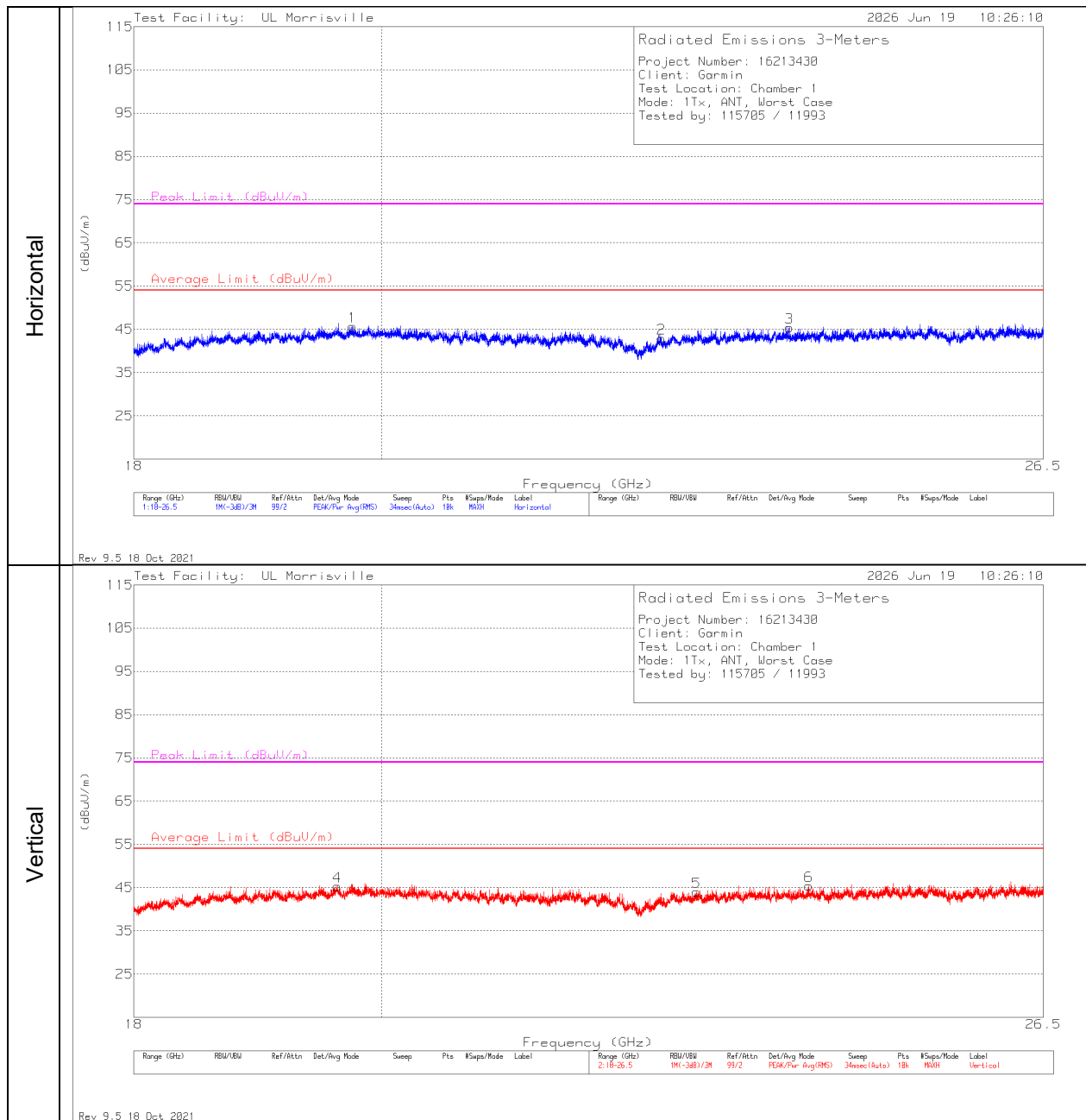
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

## 10.3. WORST CASE SPURIOUS 18-26 GHZ

### 10.3.1. ANT/ANT+



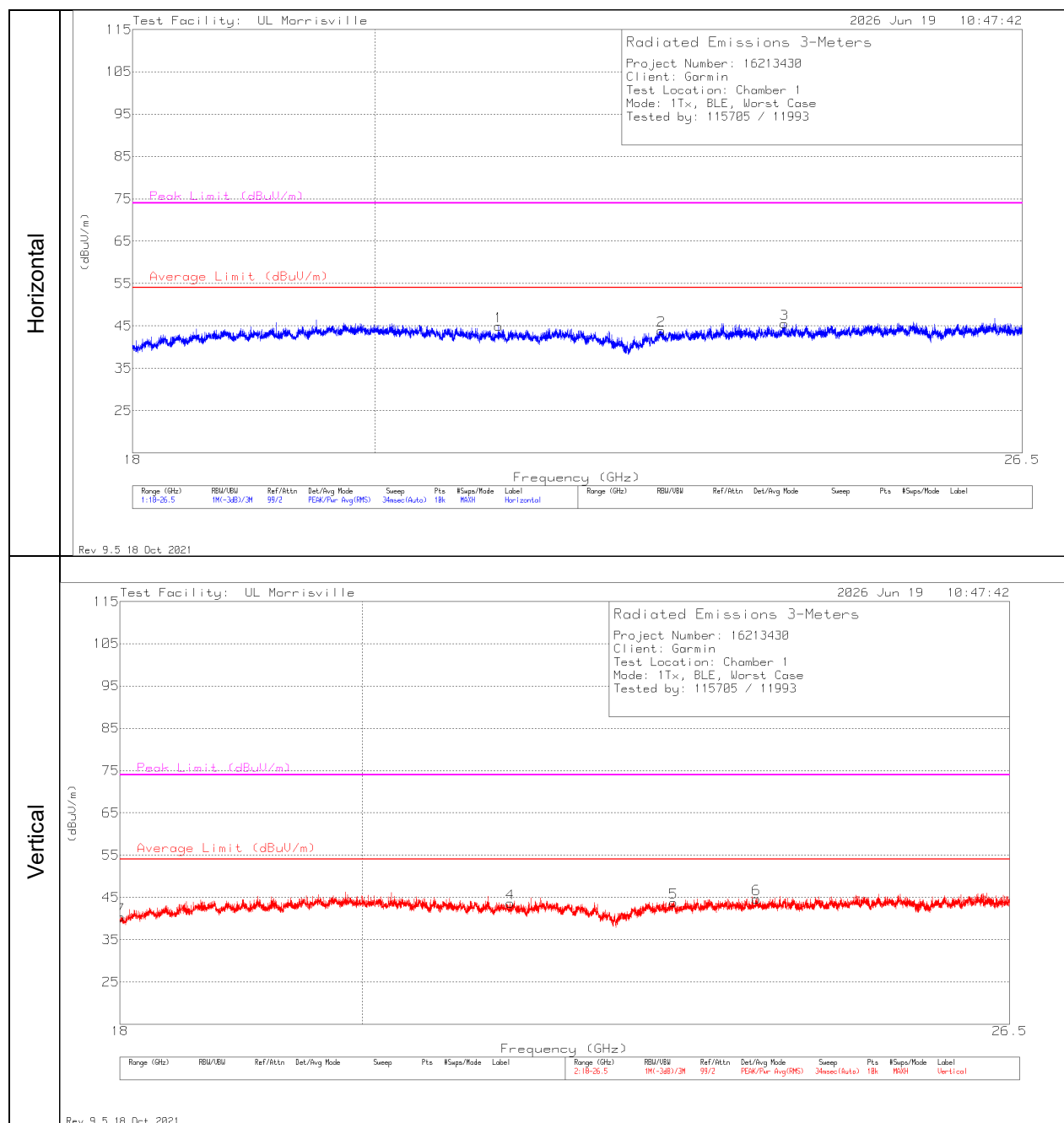
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 204704 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * ** 19.75373   | 49.28                | Pk  | 33.1              | -36.7          | 45.68                      | 54                     | -8.32       | 74                  | -28.32      | 0-360          | 249         | H        |
| 2      | * ** 22.5267    | 49.12                | Pk  | 33.9              | -40.1          | 42.92                      | 54                     | -11.08      | 74                  | -31.08      | 0-360          | 101         | H        |
| 3      | * ** 23.78653   | 49.57                | Pk  | 34.3              | -38.5          | 45.37                      | 54                     | -8.63       | 74                  | -28.63      | 0-360          | 300         | H        |
| 4      | * ** 19.62621   | 49.08                | Pk  | 33.1              | -36.9          | 45.28                      | 54                     | -8.72       | 74                  | -28.72      | 0-360          | 201         | V        |
| 5      | * ** 22.86419   | 48.98                | Pk  | 33.8              | -38.8          | 43.98                      | 54                     | -10.02      | 74                  | -30.02      | 0-360          | 101         | V        |
| 6      | * ** 23.9846    | 49.2                 | Pk  | 34.4              | -38.2          | 45.4                       | 54                     | -8.6        | 74                  | -28.6       | 0-360          | 300         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.3.2. BLE



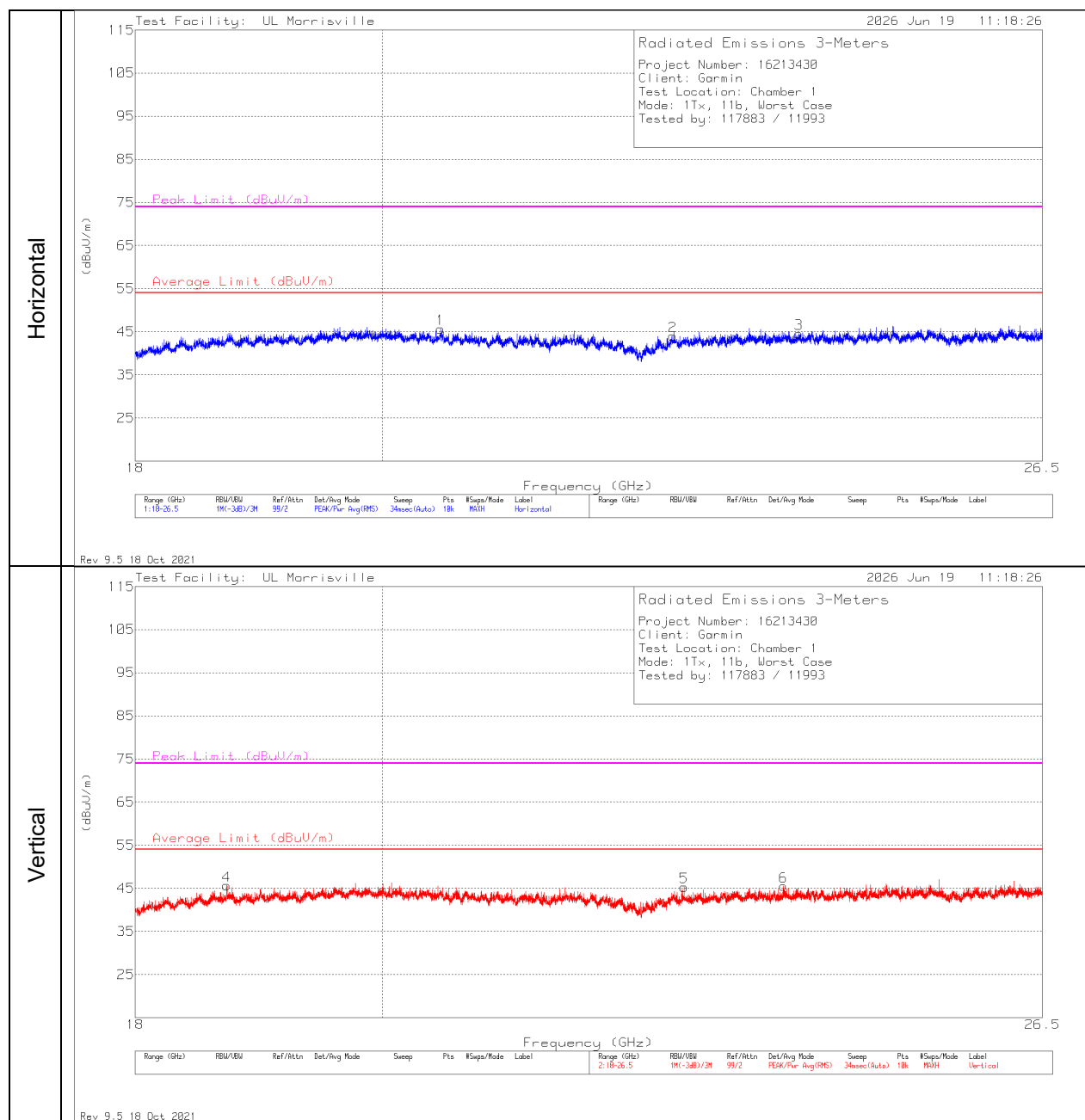
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 204704 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * ** 21.10281   | 50.31                | Pk  | 33.6              | -39            | 44.91                      | 54                     | -9.09       | 74                  | -29.09      | 0-360          | 199         | H        |
| 2      | * ** 22.65167   | 49.24                | Pk  | 33.8              | -39.1          | 43.94                      | 54                     | -10.06      | 74                  | -30.06      | 0-360          | 250         | H        |
| 3      | * ** 23.89534   | 49.38                | Pk  | 34.4              | -38.3          | 45.48                      | 54                     | -8.52       | 74                  | -28.52      | 0-360          | 250         | H        |
| 4      | * ** 21.32978   | 48.8                 | Pk  | 33.5              | -38.7          | 43.6                       | 54                     | -10.4       | 74                  | -30.4       | 0-360          | 101         | V        |
| 5      | * ** 22.89649   | 48.44                | Pk  | 33.9              | -38.5          | 43.84                      | 54                     | -10.16      | 74                  | -30.16      | 0-360          | 250         | V        |
| 6      | * ** 23.73722   | 48.61                | Pk  | 34.3              | -38.2          | 44.71                      | 54                     | -9.29       | 74                  | -29.29      | 0-360          | 300         | V        |
| 7      | * ** 18.0068    | 48.15                | Pk  | 32.9              | -40.7          | 40.35                      | 54                     | -13.65      | 74                  | -33.65      | 0-360          | 150         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

## 2.4GHz WLAN



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 204704 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * ** 20.5018    | 49.74                | Pk  | 33.6              | -37.7          | 45.64                      | 54                     | -8.36       | 74                  | -28.36      | 0-360          | 300         | H        |
| 2      | * ** 22.63806   | 49.38                | Pk  | 33.8              | -39.2          | 43.98                      | 54                     | -10.02      | 74                  | -30.02      | 0-360          | 101         | H        |
| 3      | * ** 23.88769   | 48.43                | Pk  | 34.4              | -38.3          | 44.53                      | 54                     | -9.47       | 74                  | -29.47      | 0-360          | 149         | H        |
| 4      | * ** 18.71747   | 50.5                 | Pk  | 33                | -37.9          | 45.6                       | 54                     | -8.4        | 74                  | -28.4       | 0-360          | 300         | V        |
| 5      | * ** 22.74517   | 50.61                | Pk  | 33.8              | -39.1          | 45.31                      | 54                     | -8.69       | 74                  | -28.69      | 0-360          | 101         | V        |
| 6      | * ** 23.73042   | 49.47                | Pk  | 34.3              | -38.3          | 45.47                      | 54                     | -8.53       | 74                  | -28.53      | 0-360          | 200         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)  
RSS-Gen 8.8

| Frequency of Emission (MHz) | Conducted Limit (dB $\mu$ V) |            |
|-----------------------------|------------------------------|------------|
|                             | Quasi-peak                   | Average    |
| 0.15-0.5                    | 66 to 56 *                   | 56 to 46 * |
| 0.5-5                       | 56                           | 46         |
| 5-30                        | 60                           | 50         |

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

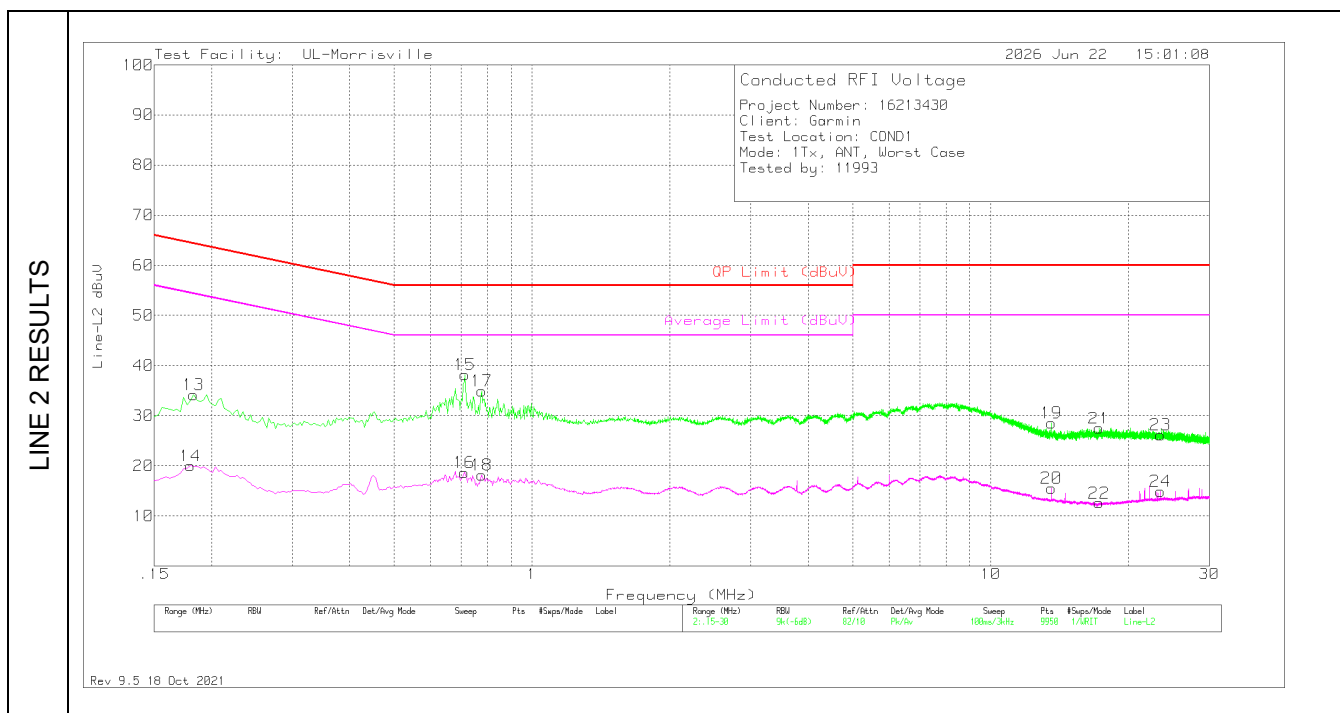
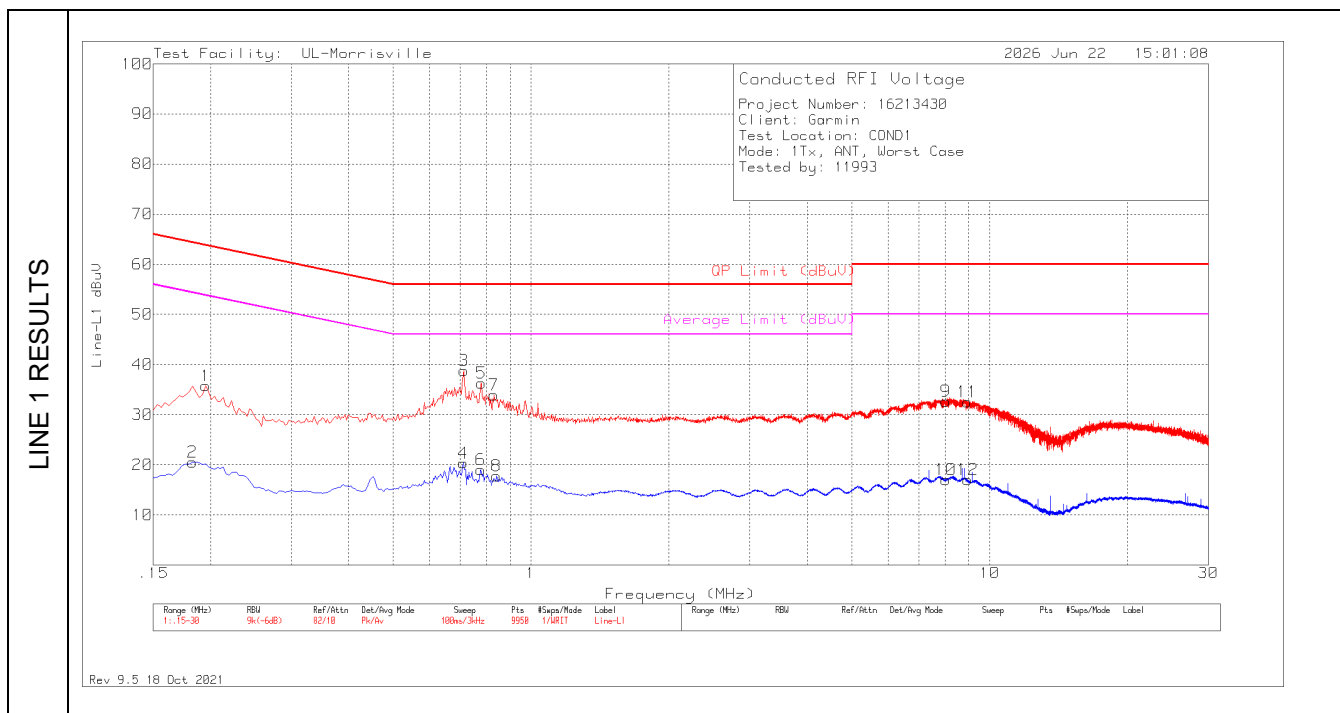
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

### RESULTS

## 11.1. ANT/ANT+

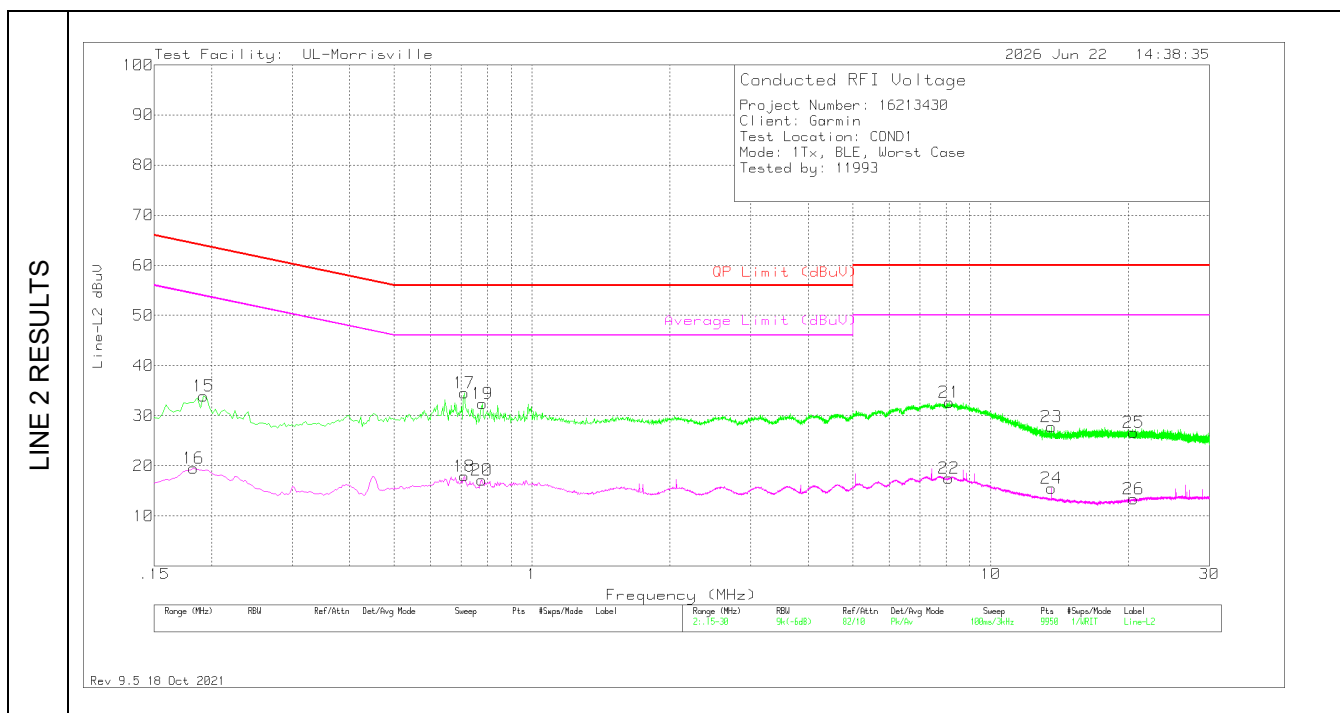
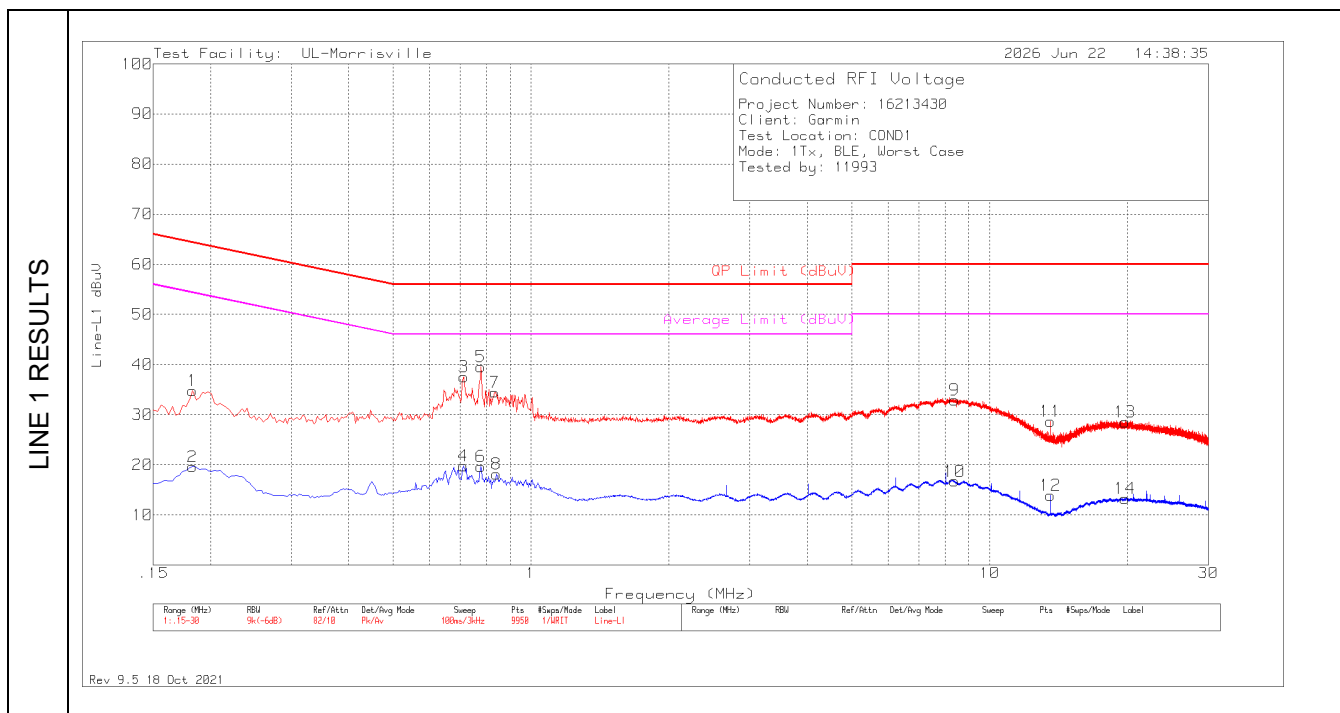


| Line | Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VDF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
|------|--------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| 1    | 2      | .183            | 10.53                | Av  | .2            | 9.8              | 20.53                  | -               | -           | 54.35                | -33.82      |
|      | 1      | .195            | 25.74                | Pk  | .2            | 9.8              | 35.74                  | 63.82           | -28.08      | -                    | -           |
|      | 4      | .711            | 10.53                | Av  | 0             | 9.8              | 20.33                  | -               | -           | 46                   | -25.67      |
|      | 3      | .714            | 28.96                | Pk  | 0             | 9.8              | 38.76                  | 56              | -17.24      | -                    | -           |
|      | 6      | .777            | 9.21                 | Av  | 0             | 9.8              | 19.01                  | -               | -           | 46                   | -26.99      |
|      | 5      | .78             | 26.45                | Pk  | 0             | 9.8              | 36.25                  | 56              | -19.75      | -                    | -           |
|      | 7      | .831            | 24.13                | Pk  | 0             | 9.8              | 33.93                  | 56              | -22.07      | -                    | -           |
|      | 8      | .84             | 8.01                 | Av  | 0             | 9.8              | 17.81                  | -               | -           | 46                   | -28.19      |
|      | 9      | 8.028           | 22.56                | Pk  | .1            | 10               | 32.66                  | 60              | -27.34      | -                    | -           |
|      | 10     | 8.028           | 6.96                 | Av  | .1            | 10               | 17.06                  | -               | -           | 50                   | -32.94      |
|      | 11     | 8.946           | 22.43                | Pk  | .1            | 10               | 32.53                  | 60              | -27.47      | -                    | -           |
|      | 12     | 8.955           | 6.88                 | Av  | .1            | 10               | 16.98                  | -               | -           | 50                   | -33.02      |
| 2    | 14     | .18             | 9.96                 | Av  | .2            | 9.8              | 19.96                  | -               | -           | 54.49                | -34.53      |
|      | 13     | .183            | 24.17                | Pk  | .2            | 9.8              | 34.17                  | 64.35           | -30.18      | -                    | -           |
|      | 16     | .711            | 8.82                 | Av  | 0             | 9.8              | 18.62                  | -               | -           | 46                   | -27.38      |
|      | 15     | .714            | 28.36                | Pk  | 0             | 9.8              | 38.16                  | 56              | -17.84      | -                    | -           |
|      | 17     | .777            | 25.16                | Pk  | 0             | 9.8              | 34.96                  | 56              | -21.04      | -                    | -           |
|      | 18     | .777            | 8.36                 | Av  | 0             | 9.8              | 18.16                  | -               | -           | 46                   | -27.84      |
|      | 19     | 13.56           | 18.34                | Pk  | .1            | 10.1             | 28.54                  | 60              | -31.46      | -                    | -           |
|      | 20     | 13.563          | 5.28                 | Av  | .1            | 10.1             | 15.48                  | -               | -           | 50                   | -34.52      |
|      | 21     | 17.223          | 17.27                | Pk  | .1            | 10.1             | 27.47                  | 60              | -32.53      | -                    | -           |
|      | 22     | 17.25           | 2.37                 | Av  | .1            | 10.1             | 12.57                  | -               | -           | 50                   | -37.43      |
|      | 23     | 23.484          | 15.79                | Pk  | .2            | 10.2             | 26.19                  | 60              | -33.81      | -                    | -           |
|      | 24     | 23.484          | 4.54                 | Av  | .2            | 10.2             | 14.94                  | -               | -           | 50                   | -35.06      |

Pk - Peak detector

Av - Average detection

## 11.2. BLE



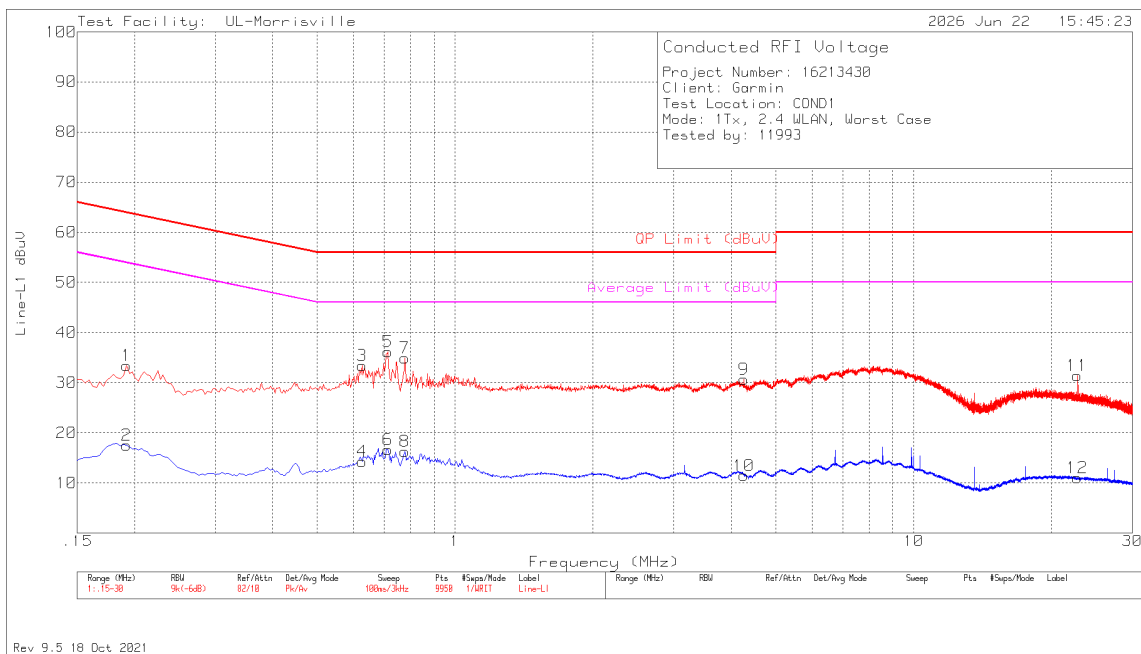
| Line | Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VDF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
|------|--------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| 1    | 1      | .183            | 24.77                | Pk  | .2            | 9.8              | 34.77                  | 64.35           | -29.58      | -                    | -           |
|      | 2      | .183            | 9.59                 | Av  | .2            | 9.8              | 19.59                  | -               | -           | 54.35                | -34.76      |
|      | 4      | .711            | 10.01                | Av  | 0             | 9.8              | 19.81                  | -               | -           | 46                   | -26.19      |
|      | 3      | .714            | 27.71                | Pk  | 0             | 9.8              | 37.51                  | 56              | -18.49      | -                    | -           |
|      | 5      | .777            | 29.71                | Pk  | 0             | 9.8              | 39.51                  | 56              | -16.49      | -                    | -           |
|      | 6      | .777            | 9.81                 | Av  | 0             | 9.8              | 19.61                  | -               | -           | 46                   | -26.39      |
|      | 7      | .834            | 24.67                | Pk  | 0             | 9.8              | 34.47                  | 56              | -21.53      | -                    | -           |
|      | 8      | .84             | 8.34                 | Av  | 0             | 9.8              | 18.14                  | -               | -           | 46                   | -27.86      |
|      | 10     | 8.388           | 6.6                  | Av  | .1            | 10               | 16.7                   | -               | -           | 50                   | -33.3       |
|      | 9      | 8.394           | 22.82                | Pk  | .1            | 10               | 32.92                  | 60              | -27.08      | -                    | -           |
|      | 11     | 13.56           | 18.47                | Pk  | .1            | 10.1             | 28.67                  | 60              | -31.33      | -                    | -           |
|      | 12     | 13.56           | 3.65                 | Av  | .1            | 10.1             | 13.85                  | -               | -           | 50                   | -36.15      |
|      | 13     | 19.716          | 18.25                | Pk  | .2            | 10.1             | 28.55                  | 60              | -31.45      | -                    | -           |
|      | 14     | 19.746          | 2.96                 | Av  | .2            | 10.1             | 13.26                  | -               | -           | 50                   | -36.74      |
| 2    | 16     | .183            | 9.55                 | Av  | .2            | 9.8              | 19.55                  | -               | -           | 54.35                | -34.8       |
|      | 15     | .192            | 23.89                | Pk  | .2            | 9.8              | 33.89                  | 63.95           | -30.06      | -                    | -           |
|      | 17     | .711            | 24.73                | Pk  | 0             | 9.8              | 34.53                  | 56              | -21.47      | -                    | -           |
|      | 18     | .711            | 8.15                 | Av  | 0             | 9.8              | 17.95                  | -               | -           | 46                   | -28.05      |
|      | 20     | .777            | 7.39                 | Av  | 0             | 9.8              | 17.19                  | -               | -           | 46                   | -28.81      |
|      | 19     | .78             | 22.57                | Pk  | 0             | 9.8              | 32.37                  | 56              | -23.63      | -                    | -           |
|      | 22     | 8.112           | 7.45                 | Av  | .1            | 10               | 17.55                  | -               | -           | 50                   | -32.45      |
|      | 21     | 8.118           | 22.53                | Pk  | .1            | 10               | 32.63                  | 60              | -27.37      | -                    | -           |
|      | 24     | 13.56           | 5.33                 | Av  | .1            | 10.1             | 15.53                  | -               | -           | 50                   | -34.47      |
|      | 23     | 13.563          | 17.63                | Pk  | .1            | 10.1             | 27.83                  | 60              | -32.17      | -                    | -           |
|      | 25     | 20.49           | 16.21                | Pk  | .2            | 10.2             | 26.61                  | 60              | -33.39      | -                    | -           |
|      | 26     | 20.511          | 2.99                 | Av  | .2            | 10.2             | 13.39                  | -               | -           | 50                   | -36.61      |

Pk - Peak detector

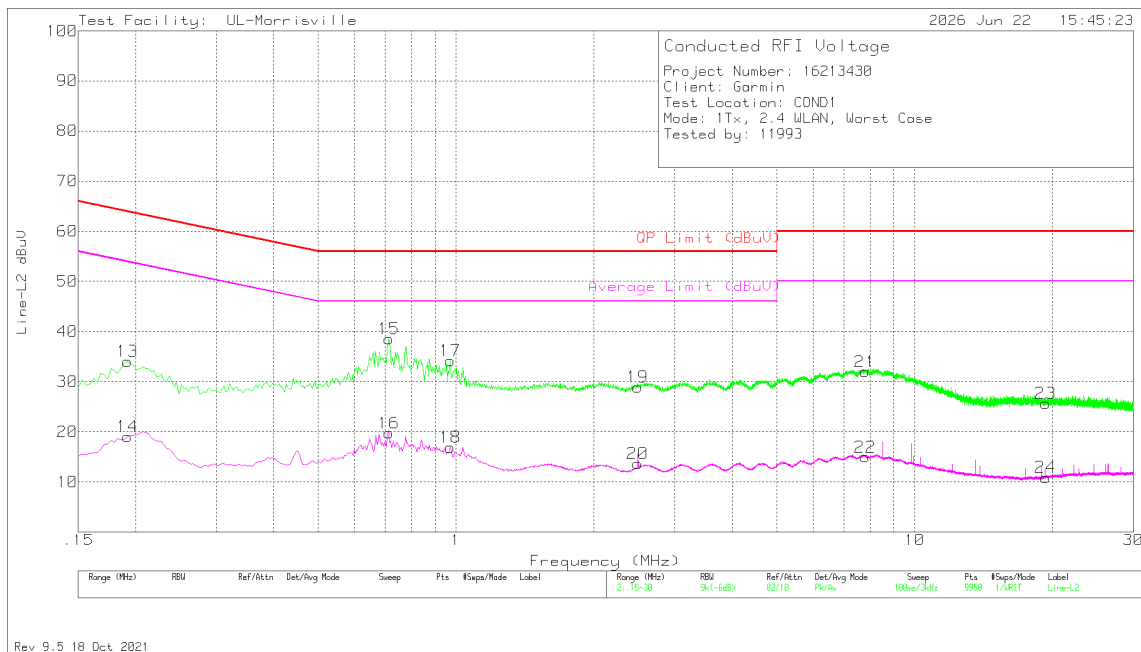
Av - Average detection

## 11.3. 2.4GHz WLAN

### LINE 1 RESULTS



### LINE 2 RESULTS



| Line | Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VDF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
|------|--------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| 1    | 1      | .192            | 23.45                | Pk  | .2            | 9.8              | 33.45                  | 63.95           | -30.5       | -                    | -           |
|      | 2      | .192            | 7.48                 | Av  | .2            | 9.8              | 17.48                  | -               | -           | 53.95                | -36.47      |
|      | 3      | .627            | 23.66                | Pk  | 0             | 9.8              | 33.46                  | 56              | -22.54      | -                    | -           |
|      | 4      | .627            | 4.42                 | Av  | 0             | 9.8              | 14.22                  | -               | -           | 46                   | -31.78      |
|      | 5      | .714            | 26.37                | Pk  | 0             | 9.8              | 36.17                  | 56              | -19.83      | -                    | -           |
|      | 6      | .714            | 6.89                 | Av  | 0             | 9.8              | 16.69                  | -               | -           | 46                   | -29.31      |
|      | 7      | .777            | 25.14                | Pk  | 0             | 9.8              | 34.94                  | 56              | -21.06      | -                    | -           |
|      | 8      | .777            | 6.45                 | Av  | 0             | 9.8              | 16.25                  | -               | -           | 46                   | -29.75      |
|      | 9      | 4.266           | 20.77                | Pk  | 0             | 9.9              | 30.67                  | 56              | -25.33      | -                    | -           |
|      | 10     | 4.266           | 1.55                 | Av  | 0             | 9.9              | 11.45                  | -               | -           | 46                   | -34.55      |
|      | 11     | 22.764          | 21.03                | Pk  | .2            | 10.2             | 31.43                  | 60              | -28.57      | -                    | -           |
|      | 12     | 22.764          | .65                  | Av  | .2            | 10.2             | 11.05                  | -               | -           | 50                   | -38.95      |
| 2    | 13     | .192            | 24.02                | Pk  | .2            | 9.8              | 34.02                  | 63.95           | -29.93      | -                    | -           |
|      | 14     | .192            | 9.05                 | Av  | .2            | 9.8              | 19.05                  | -               | -           | 53.95                | -34.9       |
|      | 15     | .714            | 28.79                | Pk  | 0             | 9.8              | 38.59                  | 56              | -17.41      | -                    | -           |
|      | 16     | .714            | 9.92                 | Av  | 0             | 9.8              | 19.72                  | -               | -           | 46                   | -26.28      |
|      | 17     | .972            | 24.32                | Pk  | 0             | 9.8              | 34.12                  | 56              | -21.88      | -                    | -           |
|      | 18     | .972            | 7.12                 | Av  | 0             | 9.8              | 16.92                  | -               | -           | 46                   | -29.08      |
|      | 19     | 2.49            | 19.11                | Pk  | 0             | 9.8              | 28.91                  | 56              | -27.09      | -                    | -           |
|      | 20     | 2.49            | 3.81                 | Av  | 0             | 9.8              | 13.61                  | -               | -           | 46                   | -32.39      |
|      | 21     | 7.8             | 21.88                | Pk  | .1            | 10               | 31.98                  | 60              | -28.02      | -                    | -           |
|      | 22     | 7.8             | 4.85                 | Av  | .1            | 10               | 14.95                  | -               | -           | 50                   | -35.05      |
|      | 23     | 19.308          | 15.46                | Pk  | .1            | 10.1             | 25.66                  | 60              | -34.34      | -                    | -           |
|      | 24     | 19.308          | .69                  | Av  | .1            | 10.1             | 10.89                  | -               | -           | 50                   | -39.11      |

Pk - Peak detector

Av - Average detection

## 12. SETUP PHOTOS

Please refer to R16213430-EP1 for setup photos

**END OF TEST REPORT**