

# **TEST REPORT**

**Report Number:** 14749497-E2V2

**Applicant :** eero LLC  
660 3rd Street 4th Floor  
San Francisco, CA 94107, U.S.A.

**Model :** V010001

**Brand :** eero

**FCC ID :** 2AEM4-711917312

**IC :** 20631-711917312

**EUT Description :** Wireless Access Point

**Test Standard(s) :** FCC 47 CFR PART 15 SUBPART C  
ISED RSS-247 ISSUE 3  
ISED RSS-GEN ISSUE 5 + A1 + A2

**Date Of Issue:**  
2023-09-06

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

| Rev. | Issue Date | Revisions                                             | Revised By |
|------|------------|-------------------------------------------------------|------------|
| V1   | 2023-08-16 | Initial Issue                                         | ---        |
| V2   | 2023-09-06 | Updated Section 6.6 info, updated RSS 247 to issue 3. | Tina Chu   |

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## 1. ATTESTATION OF TEST RESULTS

**COMPANY NAME:** eero LLC  
660 3rd Street 4th Floor  
San Francisco, CA 94107, U.S.A.

**EUT DESCRIPTION:** Wireless Access Point

**MODEL:** V010001

**BRAND:** eero

**SERIAL NUMBER:** Radiated: GGB2-1E06-3237-0089, GGB2-1E04-3062-004P,  
GGB2-1E08-3287-0037  
Conducted: GGB2-1E04-3057-00DA, GGB2-1E06-3237-00BQ

**SAMPLE RECEIPT DATE:** 2023-04-05

**DATE TESTED:** 2023-04-10 TO 2023-08-10

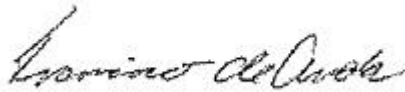
| APPLICABLE STANDARDS           |              |
|--------------------------------|--------------|
| STANDARD                       | TEST RESULTS |
| CFR 47 Part 15 Subpart C       | Complies     |
| ISED RSS-247 Issue 3           | Complies     |
| ISED RSS-GEN Issue 5 + A1 + A2 | Complies     |

UL Verification Services Inc. 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 tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure 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 Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.

Approved & Released For  
UL Verification Services Inc. By:



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Francisco de Anda  
Staff Engineer  
Consumer Technology Division  
UL Verification Services Inc.

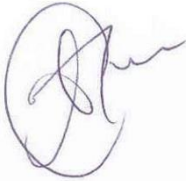
Prepared By:



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Gerardo Abrego  
Test Engineer  
Consumer Technology Division  
UL Verification Services Inc.

Reviewed By:



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Tina Chu  
Senior Project Engineer  
Consumer Technology Division  
UL Verification Services Inc.

## 2. TEST RESULTS SUMMARY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. 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 provided by the customer:

- 1) Antenna gain and type (see section 6.3)
- 2) Cable Loss (see section 6.3)

| 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 5.2 (a)   | 6dB BW                       | Complies                | None.                                |
| 15.247 (b) (3) | RSS-247 5.4 (d)   | Output Power                 | Complies                | None.                                |
| See Comment    |                   | Average power                | Reporting purposes only | Per ANSI C63.10, Section 11.9.2.3.2. |
| 15.247 (e)     | RSS-247 5.2 (b)   | PSD                          | Complies                | None.                                |
| 15.247 (d)     | RSS-247 5.5       | Conducted Spurious Emissions | Complies                | None.                                |
| 15.209, 15.205 | RSS-GEN 8.9, 8.10 | Radiated Emissions           | Complies                | None.                                |
| 15.207         | RSS-Gen 8.8       | AC Mains Conducted Emissions | Complies                | None.                                |

### 3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 15, ANSI C63.10-2013, 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 3.

### 4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, Certificate Number 0751.05, 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 checked="" type="checkbox"/> | Building 1:<br>47173 Benicia Street<br>Fremont, CA 94538, U.S.A | US0104     | 2324A               | 550739           |
| <input type="checkbox"/>            | Building 2:<br>47266 Benicia Street<br>Fremont, CA 94538, U.S.A |            |                     |                  |
| <input checked="" type="checkbox"/> | Building 4:<br>47658 Kato Rd<br>Fremont, CA 94538, U.S.A        |            |                     |                  |

## 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                                            | U <sub>Lab</sub>           |
|------------------------------------------------------|----------------------------|
| Radio Frequency (Spectrum Analyzer)                  | 141.16 Hz                  |
| Occupied Bandwidth                                   | 1.22%                      |
| Power Spectral Density                               | 2.47 dB                    |
| RF Power Measurement Direct Method Using Power Meter | 1.3 dB (PK) / 0.45 dB (AV) |
| Unwanted Emissions, Conducted                        | 1.94 dB                    |
| Worst Case Conducted Disturbance, 9kHz to 0.15 MHz   | 3.78 dB                    |
| Worst Case Conducted Disturbance, 0.15 to 30 MHz     | 3.40 dB                    |
| Worst Case Radiated Disturbance, 9kHz to 30 MHz      | 2.87 dB                    |
| Worst Case Radiated Disturbance, 30 to 1000 MHz      | 6.01 dB                    |
| Worst Case Radiated Disturbance, 1000 to 18000 MHz   | 4.73 dB                    |
| Worst Case Radiated Disturbance, 18000 to 26000 MHz  | 4.51 dB                    |
| Worst Case Radiated Disturbance, 26000 to 40000 MHz  | 5.29 dB                    |
| Time Domain Measurements                             | 3.39%                      |
| Temperature                                          | 0.57°C                     |
| Humidity                                             | 3.39%                      |
| DC Supply Voltages                                   | 0.57%                      |

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 a low power indoor Access Point that supports 802.11 a/b/g/n/ac/ax/be 2.4G DTS/ 5G UNII band 1 and band 3 Wifi, BLE 1Mbps/2Mbps and 802.15.4 technologies.

This report covers the 802.15.4 technology only.

### 6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak conducted output power as follows:

| Frequency Range<br>(MHz) | Mode     | Output Power<br>(dBm) | Output Power<br>(mW) |
|--------------------------|----------|-----------------------|----------------------|
| 2405 - 2480              | 802.15.4 | 17.73                 | 59.29                |

### 6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS

The antenna(s) gain and type, cable loss as provided by the manufacturer' are as follows:

The radio utilizes a Flex PCB antenna, with a maximum gain of 5 dBi.

Cable loss: 1dB

### 6.4. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was 2023-03-30T01.

The test utility software used during testing was QRCT4 version 4.0.81.1.

## **6.5. WORST-CASE CONFIGURATION AND MODE**

Radiated emissions below 1GHz, above 18GHz, and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

Band edge and radiated emissions between 1GHz and 18GHz were performed with the EUT set to transmit at the highest power on low, middle, and high channels.

The EUT can only be setup in desktop orientation; therefore, all radiated testing was performed with the EUT in desktop orientation.

Worst-case data rate as provided by the client was O-QPSK, 250kbps.

## 6.6. DESCRIPTION OF TEST SETUP

| SUPPORT TEST EQUIPMENT               |          |                      |                     |                                 |                  |                                                                                          |
|--------------------------------------|----------|----------------------|---------------------|---------------------------------|------------------|------------------------------------------------------------------------------------------|
| Description                          |          | Manufacturer         | Model               | Serial Number                   |                  | FCC ID/ DoC                                                                              |
| EUT AC/DC Adapter (Luxshare)         |          | eero                 | C310011             | NA                              |                  | DoC                                                                                      |
| EUT AC/DC Adapter (Foxlink)          |          | eero                 | C310011             | NA                              |                  | DoC                                                                                      |
| Laptop                               |          | Lenovo               | ThinkPad P15s Gen 2 | PF-2YV2K6                       |                  | DoC                                                                                      |
| Laptop AC/DC Adapter                 |          | Lenovo               | ADLX65Y             | 8SSA10R16875C1SG09PRSHT         |                  | DoC                                                                                      |
| Laptop                               |          | Lenovo               | ThinkPadT460        | PC0JJLUT                        |                  | DoC                                                                                      |
| Laptop AC/DC Adapter                 |          | Lenovo               | A-17-065N2A         | 8SSA10J20161C1SG8720X55 Rev:000 |                  | DoC                                                                                      |
| Switch                               |          | Netgear              | XS505M              | 6H11197M00054                   |                  | DoC                                                                                      |
| I/O CABLES (CONDUCTED TEST)          |          |                      |                     |                                 |                  |                                                                                          |
| Cable No.                            | Port     | # of Identical Ports | Connector Type      | Cable Type                      | Cable Length (m) | Remarks                                                                                  |
| 1                                    | AC       | 1                    | 2-Prong             | Un-shielded                     | 1                | AC Mains to LT AC/DC Adapter                                                             |
| 2                                    | DC       | 1                    | Barrel              | Un-shielded                     | 1.5              | AC/DC Adapter to Laptop                                                                  |
| 3                                    | Ethernet | 1                    | RJ45                | Un-shielded                     | 1                | Laptop to EUT                                                                            |
| 4                                    | DC       | 1                    | Barrel              | Un-shielded                     | 1.5              | AC/DC Adapter to EUT                                                                     |
| 5                                    | SMA      | 1                    | SMA                 | Un-shielded                     | 0.1              | EUT to Spectrum Analyzer                                                                 |
| 6                                    | AC       | 1                    | 3-Prong             | Un-shielded                     | 1.5              | AC Mains to Spectrum Analyzer                                                            |
| I/O CABLES (RADIATED TEST EMISSIONS) |          |                      |                     |                                 |                  |                                                                                          |
| Cable No.                            | Port     | # of Identical Ports | Connector Type      | Cable Type                      | Cable Length (m) | Remarks                                                                                  |
| 3                                    | AC       | 1                    | 2-Prong             | Un-shielded                     | 2                | AC Mains to Switch                                                                       |
| 4                                    | DC       | 1                    | Barrel              | Un-shielded                     | 1.5              | AC/DC Adapter to EUT                                                                     |
| 5                                    | I/O      | 4                    | RJ45                | Un-shielded                     | >3 meter         | EUT to Switch /Laptop. One cable connected to switch is <3 meter for 30MHz to 1GHz test. |
| 6                                    | AC       | 1                    | 3-Prong             | Un-shielded                     | 1.5              | AC Mains to Spectrum Analyzer                                                            |
| I/O CABLES (AC POWER LINE EMISSIONS) |          |                      |                     |                                 |                  |                                                                                          |
| Cable No.                            | Port     | # of Identical Ports | Connector Type      | Cable Type                      | Cable Length (m) | Remarks                                                                                  |
| 3                                    | AC       | 1                    | 2-Prong             | Un-shielded                     | 2                | AC Mains to Switch                                                                       |
| 4                                    | DC       | 1                    | Barrel              | Un-shielded                     | 1.5              | AC/DC Adapter to EUT                                                                     |
| 5                                    | I/O      | 5                    | RJ45                | Un-shielded                     | >3 meter         | EUT to Switch, Laptop to Switch                                                          |

The EUT is powered by AC/DC adapter and connected to support equipment, and the radio is exercised remotely by command prompt GUI test utility software via ethernet.

Conducted



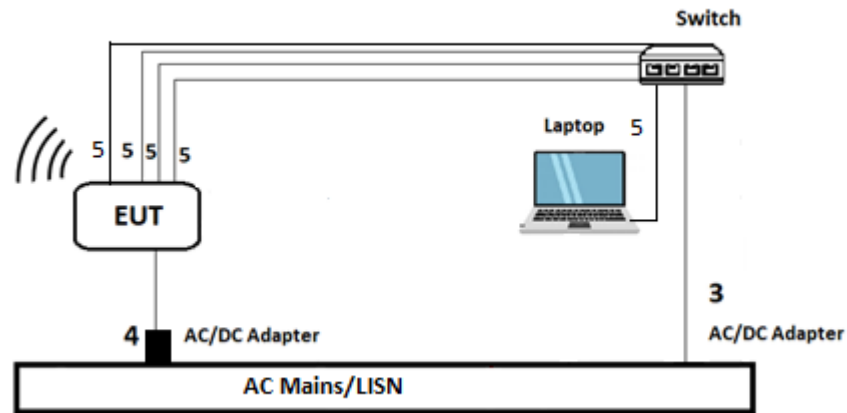
The diagram illustrates a conducted emissions test setup. A white box labeled 'EUT' is connected to a 'Spectrum Analyzer' (top left) via a cable labeled '5'. The 'EUT' is also connected to a 'Laptop' (top right) via a cable labeled '3'. Both the 'Spectrum Analyzer' and the 'Laptop' are connected to a long white bar at the bottom labeled 'AC Mains'. The 'Spectrum Analyzer' connection is labeled '6', and the 'Laptop' connection is labeled '1'. Two black squares, each labeled 'AC/DC Adapter', are connected to the 'AC Mains' bar. The first adapter is connected to the 'Laptop' via a cable labeled '2'. The second adapter is connected to the 'EUT' via a cable labeled '4'.

Radiated Emissions



The diagram illustrates a radiated emissions test setup. A white box labeled 'EUT' is connected to a 'Laptop' (middle right) via a cable labeled '5'. The 'EUT' is also connected to a 'Switch' (top right) via a cable labeled '5'. The 'Switch' is connected to the 'Laptop' via a cable labeled '6'. Both the 'EUT' and the 'Switch' are connected to a long white bar at the bottom labeled 'AC Mains'. The 'EUT' connection is labeled '4', and the 'Switch' connection is labeled '3'. Two black squares, each labeled 'AC/DC Adapter', are connected to the 'AC Mains' bar. The first adapter is connected to the 'EUT' via a cable labeled '4'. The second adapter is connected to the 'Switch' via a cable labeled '3'. A blue antenna is positioned above the 'EUT' and the 'Switch', connected to a 'Control Room Spectrum Analyzer' (top right) via a cable. A red dashed vertical line separates the test area from the control room. The 'Control Room Spectrum Analyzer' is connected to the 'Switch' via a cable labeled '5'.

### AC Power Line Emissions



## 7. MEASUREMENT METHOD

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

6 dB BW: ANSI C63.10 Subclause -11.8.1 RBW  $\geq$  DTS BW

Occupied BW (99%): ANSI C63.10-2013 Section 6.9.3

Output Power: ANSI C63.10 Subclause -11.9.1.3 Method PKPM1 Peak-reading power meter

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

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

Radiated emissions non-restricted frequency bands: ANSI C63.10 Subclause -11.11

Radiated emissions restricted frequency bands: ANSI C63.10 Subclause -11.12.1

Conducted emissions in restricted frequency bands: ANSI C63.10 Subclause -11.12.2

Band-edge: ANSI C63.10 Subclause -11.13.3.2 Integration method -Peak detection

Band-edge: ANSI C63.10 Subclause -11.13.3.4 Integration method -Trace averaging across ON and OFF times DC correction

AC Power Line Conducted Emissions: ANSI C63.10-2013, Section 6.2.

Radiated Spurious Emissions Below 30MHz: ANSI C63.10-2013 Section 6.4

## 8. TEST AND MEASUREMENT EQUIPMENT

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

| TEST EQUIPMENT LIST                              |                                    |                              |                                        |                                   |            |
|--------------------------------------------------|------------------------------------|------------------------------|----------------------------------------|-----------------------------------|------------|
| Description                                      | Manufacturer                       | Model                        | ID Num                                 | Cal Due                           | Last Cal   |
| Antenna, Passive Loop 30Hz - 1MHz                | ELECTRO METRICS                    | EM-6871                      | 219908                                 | 2024-05-31                        | 2023-05-31 |
| Antenna, Passive Loop 100KHz - 30MHz             | ELECTRO METRICS                    | EM-6872                      | 219910                                 | 2024-05-31                        | 2023-05-31 |
| Antenna, Broadband Hybrid, 30MHz to 2000MHz      | Sunol Sciences Corp.               | JB1                          | 80293                                  | 2024-04-30                        | 2023-04-11 |
| Amplifier, 9KHz to 1GHz, 32dB                    | SONOMA INSTRUMENT                  | 310                          | 170647                                 | 2023-11-11                        | 2022-11-11 |
| Antenna, Horn 1-18GHz                            | ETS-Lindgren                       | 3117                         | 222741                                 | 2023-08-31                        | 2022-08-31 |
| RF Filter Box, 1-18GHz                           | UL-FR1                             | n/a                          | 171875                                 | 2023-11-10                        | 2022-11-10 |
| EMI TEST RECEIVER                                | Rohde & Schwarz                    | ESW44                        | 230547                                 | 2024-02-29                        | 2023-02-15 |
| Antenna, Horn 18 to 26.5GHz                      | A.R.A.                             | MWH-1826/B                   | 199659                                 | 2023-12-06                        | 2022-12-06 |
| Amplifier 18-26.5GHz, +5Vdc, -54dBm P1dB         | AMPLICAL                           | AMP18G26.5-60                | 234683                                 | 2024-03-29                        | 2023-03-18 |
| Antenna, Horn 26.5 to 40GHz                      | ARA                                | MWH-2640/B                   | 199661                                 | 2023-12-06                        | 2022-12-06 |
| Amplifier 26-40GHz +5Vdc, -62dBm P1dB            | AMPLICAL                           | AMP26G40-60                  | 234684                                 | 2024-03-29                        | 2023-03-18 |
| EMI TEST RECEIVER                                | Rohde & Schwarz                    | ESW44                        | 225688 (chamber k)                     | 2024-02-29                        | 2023-02-14 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz             | Keysight Technologies Inc          | N9030A                       | 125178                                 | 2024-02-29                        | 2023-02-06 |
| 10dB Fixed Attenuator, up to 26GHz               | Pasternack Enterprises             | PE7087-10                    | 236189                                 | Verified/characterized before use |            |
| Power Meter, P-series single channel             | Keysight Technologies Inc          | N1921A                       | 81319                                  | 2024-01-25                        | 2023-01-25 |
| Power Sensor, P-series, 50MHz to 18GHz, Wideband | Keysight Technologies Inc          | N1911A                       | 90718                                  | 2024-01-31                        | 2023-01-31 |
| AC Line Conducted                                |                                    |                              |                                        |                                   |            |
| LISN                                             | Fischer Custom Communications, Inc | FCC-LISN-50/250-25-2-01-480V | 175765                                 | 2024-01-31                        | 2023-01-27 |
| EMI TEST RECEIVER                                | Rohde & Schwarz                    | ESR                          | 93091                                  | 2024-02-29                        | 2023-02-20 |
| Transient Limiter                                | TE                                 | TBFL1                        | 207996                                 | 2023-07-31                        | 2022-07-15 |
| UL TEST SOFTWARE LIST                            |                                    |                              |                                        |                                   |            |
| Radiated Software                                | UL                                 | UL EMC                       | Ver 2023-01-18, 2023-03-03, 2023-05-01 |                                   |            |
| Antenna Port Software                            | UL                                 | UL RF                        | Ver 2022-08-16                         |                                   |            |
| AC Line Conducted Software                       | UL                                 | UL EMC                       | Rev 9.5, 2022-02-17                    |                                   |            |

## 9. ANTENNA PORT TEST RESULTS

### 9.1. ON TIME AND DUTY CYCLE

#### LIMITS

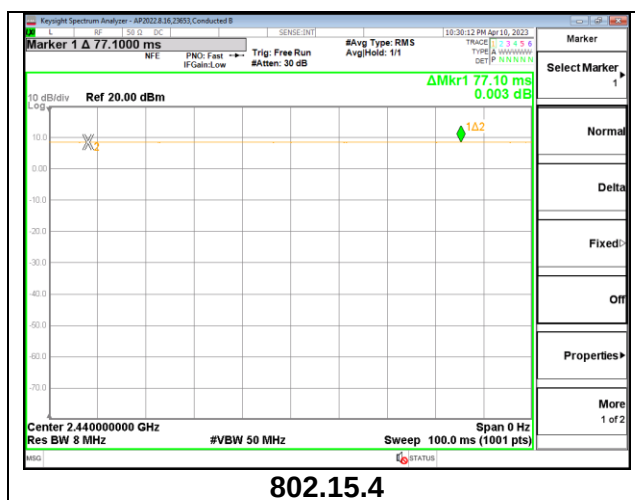
None; for reporting purposes only.

#### PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method.

#### ON TIME AND DUTY CYCLE RESULTS

| Mode               | ON Time<br>B<br>(msec) | Period<br>(msec) | Duty Cycle<br>x<br>(linear) | Duty<br>Cycle<br>(%) | Duty Cycle<br>Correction Factor<br>(dB) | 1/B<br>Minimum VBW<br>(kHz) |
|--------------------|------------------------|------------------|-----------------------------|----------------------|-----------------------------------------|-----------------------------|
| <b>2.4GHz Band</b> |                        |                  |                             |                      |                                         |                             |
| 802.15.4           | 77.10                  | 77.10            | 1.000                       | 100.00               | 0.00                                    | 0.010                       |



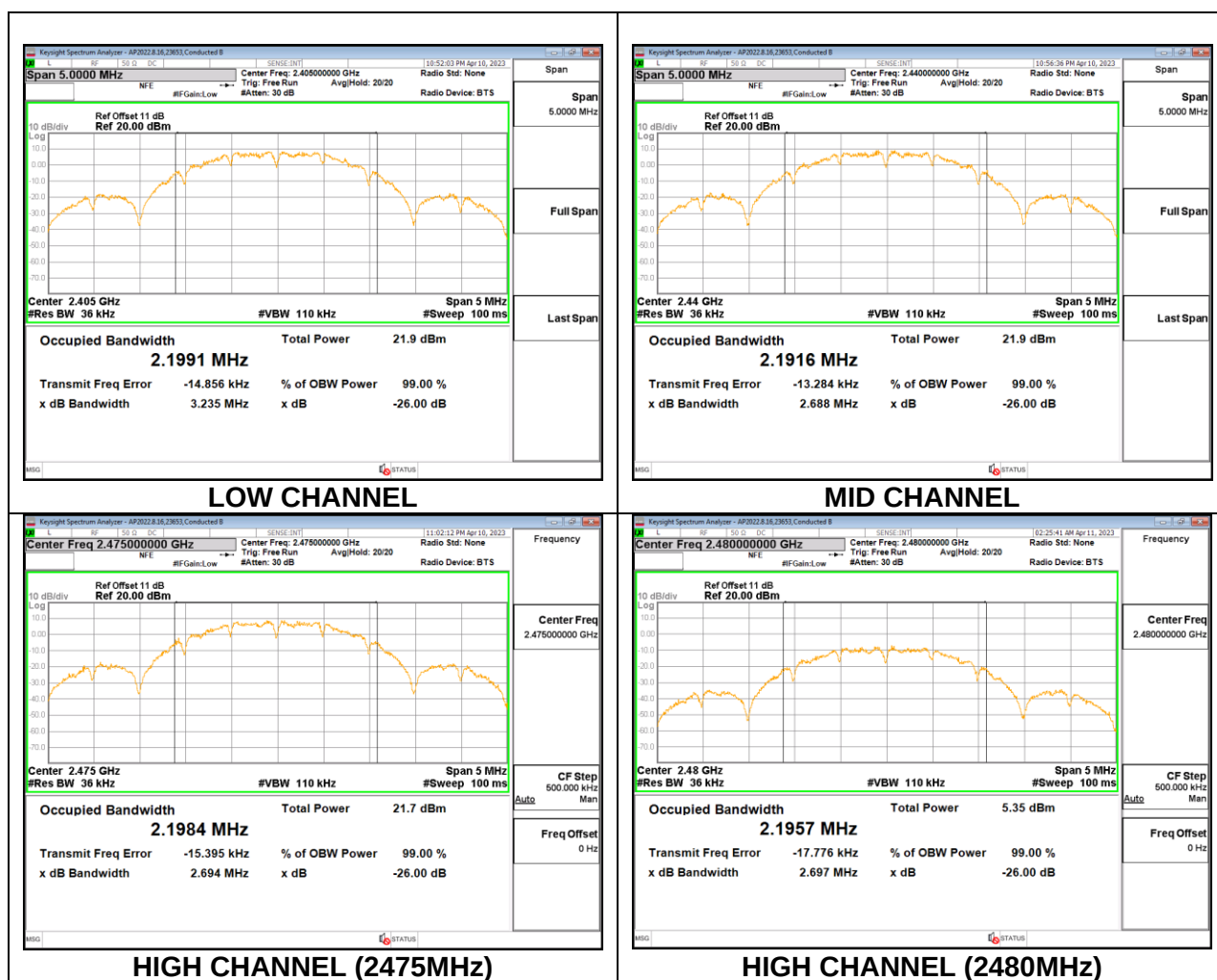
## 9.2. 99% BANDWIDTH

### LIMITS

None; for reporting purposes only.

### RESULTS

| Channel | Frequency (MHz) | 99% Bandwidth (MHz) |
|---------|-----------------|---------------------|
| Low     | 2405            | 2.1991              |
| Middle  | 2440            | 2.1916              |
| High    | 2475            | 2.1984              |
| High    | 2480            | 2.1957              |



### 9.3. 6 dB BANDWIDTH

#### LIMITS

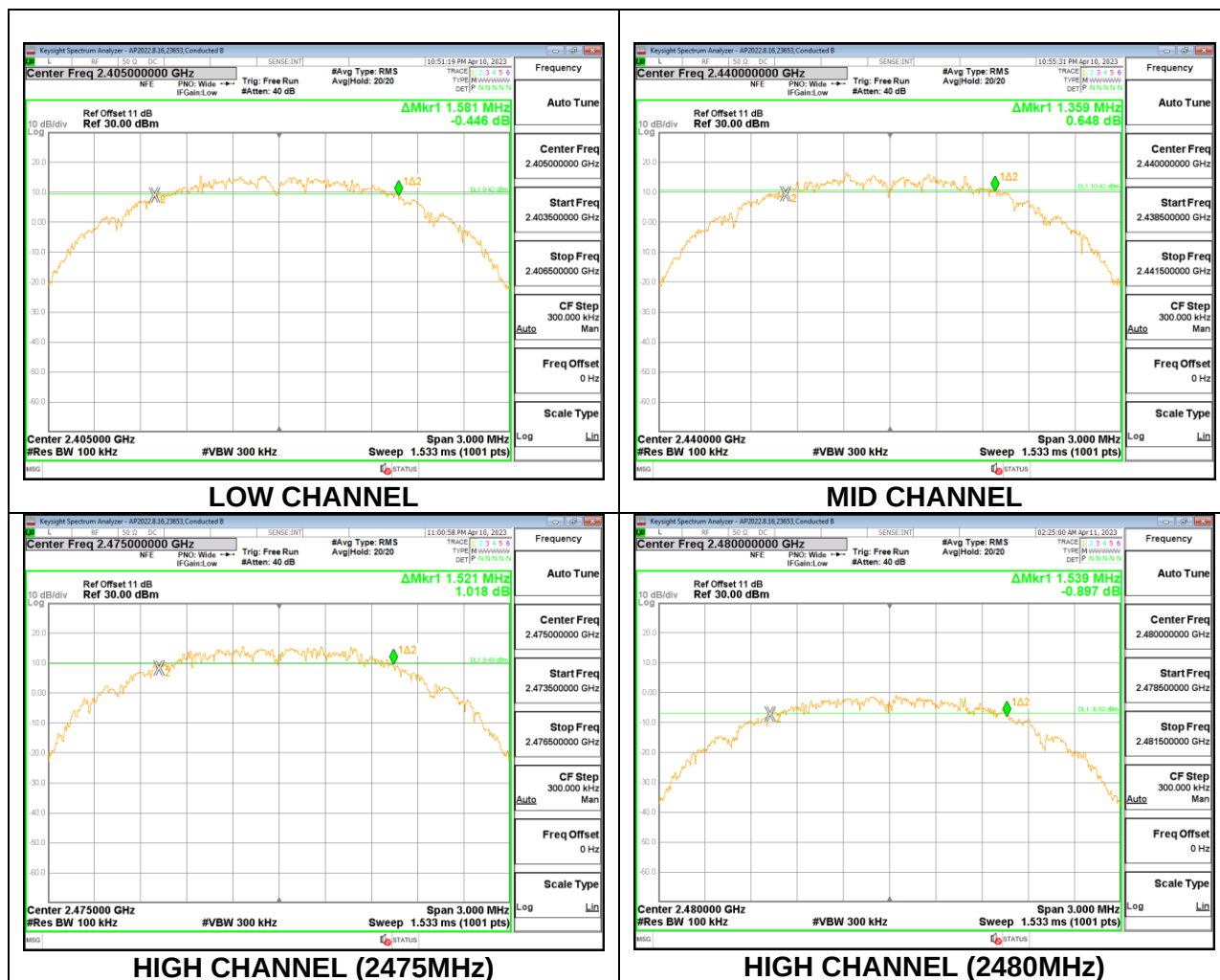
FCC §15.247 (a) (2)

RSS-247 5.2 (a)

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

#### RESULTS

| Channel | Frequency (MHz) | 6 dB Bandwidth (MHz) | Minimum Limit (MHz) |
|---------|-----------------|----------------------|---------------------|
| Low     | 2405            | 1.581                | 0.5                 |
| Middle  | 2440            | 1.359                | 0.5                 |
| High    | 2475            | 1.521                | 0.5                 |
| High    | 2480            | 1.539                | 0.5                 |



## 9.4. OUTPUT POWER

### LIMITS

FCC §15.247 (b) (3)

RSS-247 5.4 (d)

The maximum antenna gain is less than or equal to 6 dBi, therefore the limit is 30 dBm.

### TEST PROCEDURE

The transmitter output is connected to a 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. Peak output power was read directly from power meter.

### RESULTS

|                   |            |
|-------------------|------------|
| <b>Tested By:</b> | 23653 DC   |
| <b>Date:</b>      | 2023-08-10 |

| Channel | Frequency<br>(MHz) | Peak Power<br>Reading<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) |
|---------|--------------------|--------------------------------|----------------|----------------|
| Low     | 2405               | 17.15                          | 30             | -12.85         |
| Middle  | 2440               | 17.65                          | 30             | -12.35         |
| High    | 2475               | 17.73                          | 30             | -12.27         |
| High    | 2480               | 3.95                           | 30             | -26.05         |

## 9.5. AVERAGE POWER

### LIMITS

None; for reporting purposes only.

### TEST PROCEDURE

The transmitter output is connected to a 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.

### RESULTS

|                   |            |
|-------------------|------------|
| <b>Tested By:</b> | 23653 DC   |
| <b>Date:</b>      | 2023-08-10 |

| Channel | Frequency<br>(MHz) | AV power<br>(dBm) |
|---------|--------------------|-------------------|
| Low     | 2405               | 16.98             |
| Middle  | 2440               | 17.53             |
| High    | 2475               | 17.61             |
| High    | 2480               | 3.82              |

## 9.6. POWER SPECTRAL DENSITY

### LIMITS

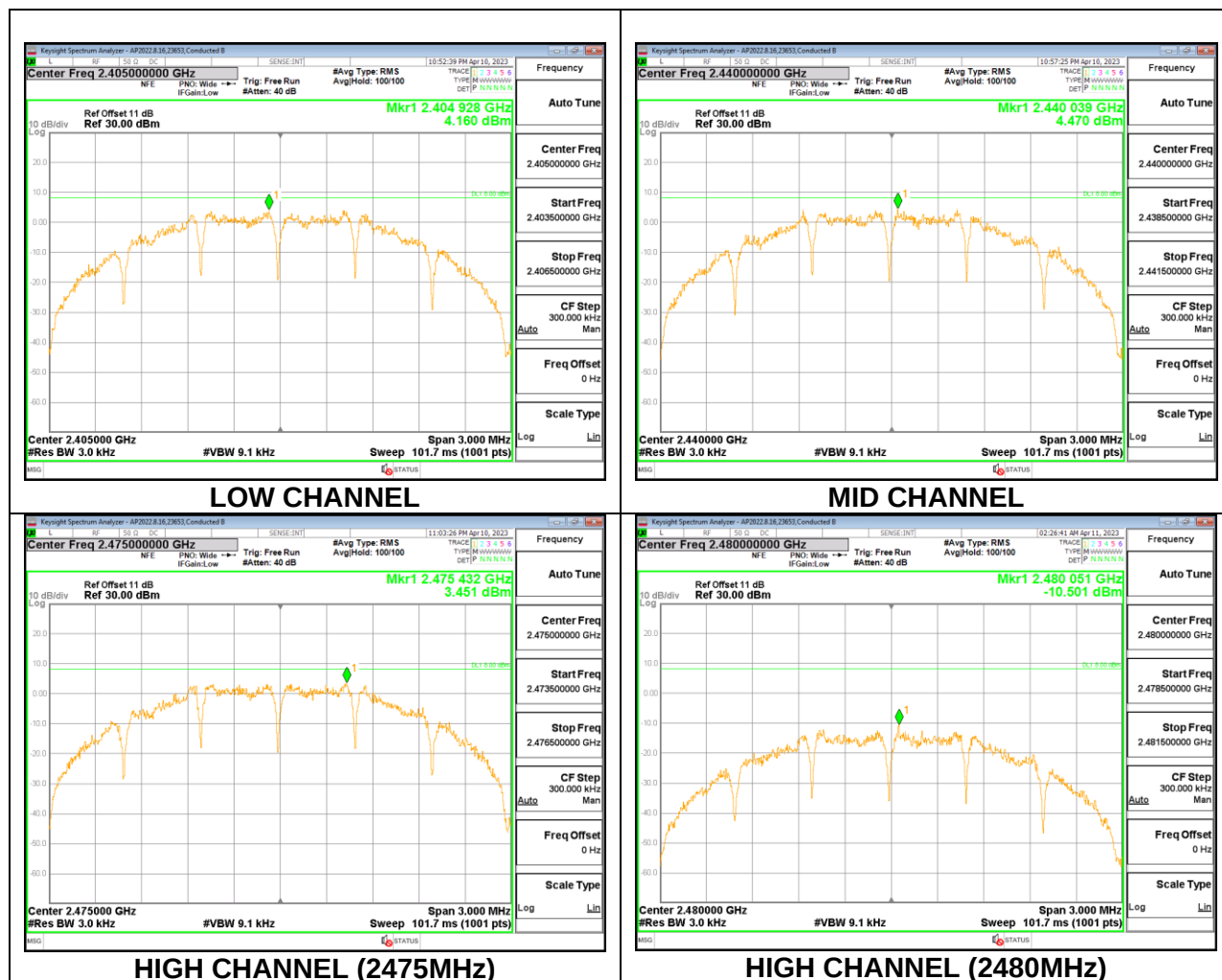
FCC §15.247 (e)

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.

### RESULTS

| Channel | Frequency (MHz) | PSD (dBm/3kHz) | Limit (dBm/3kHz) | Margin (dB) |
|---------|-----------------|----------------|------------------|-------------|
| Low     | 2405            | 4.16           | 8                | -3.84       |
| Middle  | 2440            | 4.47           | 8                | -3.53       |
| High    | 2475            | 3.45           | 8                | -4.55       |
| High    | 2480            | -10.50         | 8                | -18.50      |



## **9.7. CONDUCTED SPURIOUS EMISSIONS**

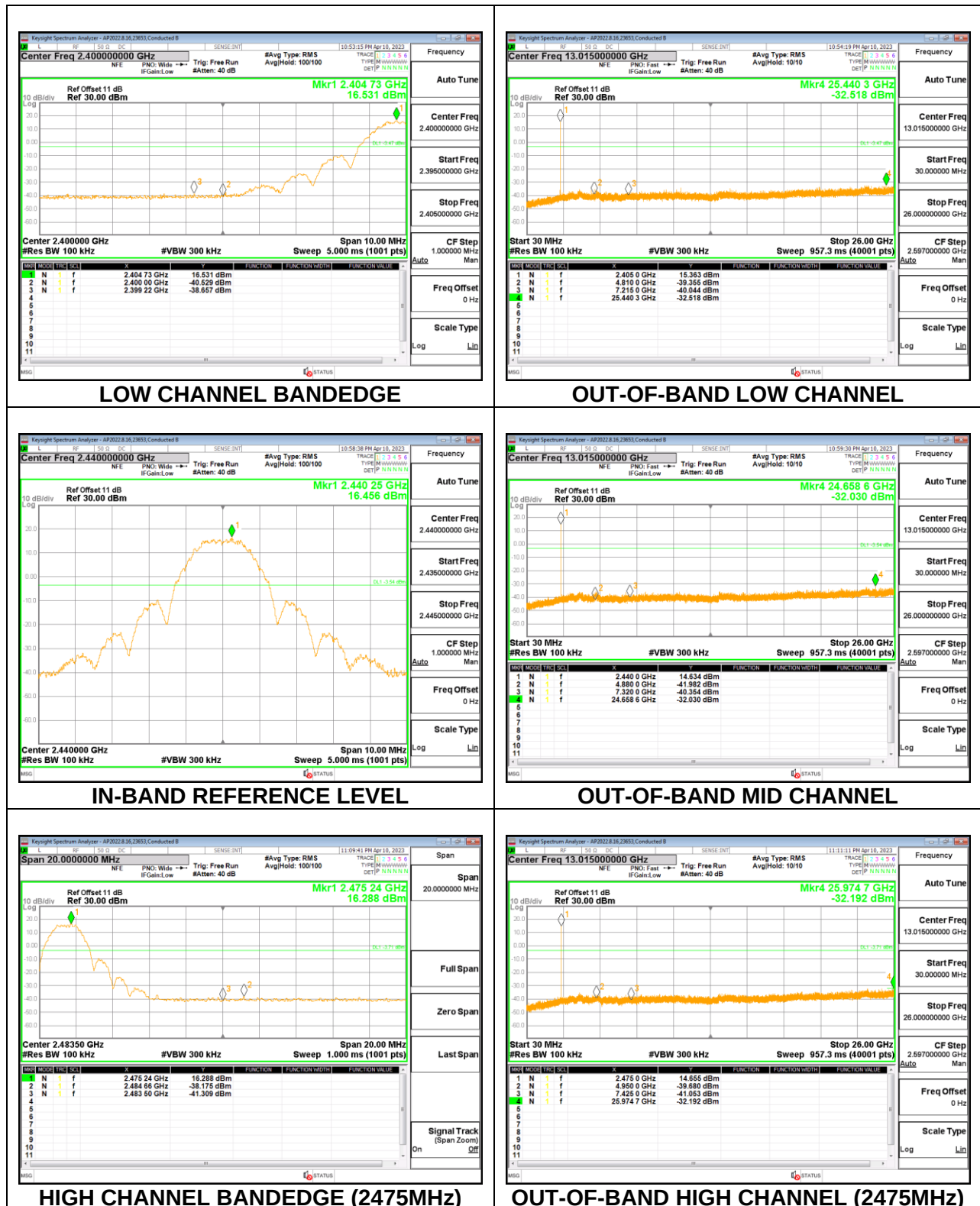
### **LIMITS**

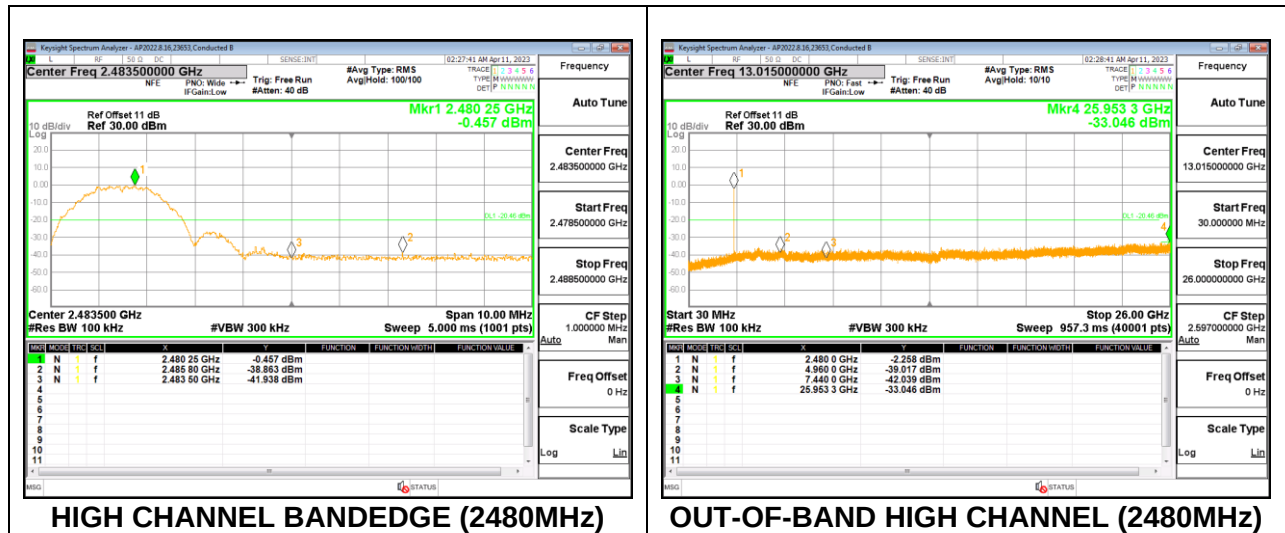
FCC §15.247 (d)

RSS-247 5.5

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

### **RESULTS**





## 10. RADIATED TEST RESULTS

### 10.1. LIMITS AND PROCEDURE

#### LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10.

| 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                                   |

#### 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 30 KHz 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 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.

For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only. Blue color trace on plots: Parallel orientation. Green color trace on plots: Perpendicular orientation.

Base 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**

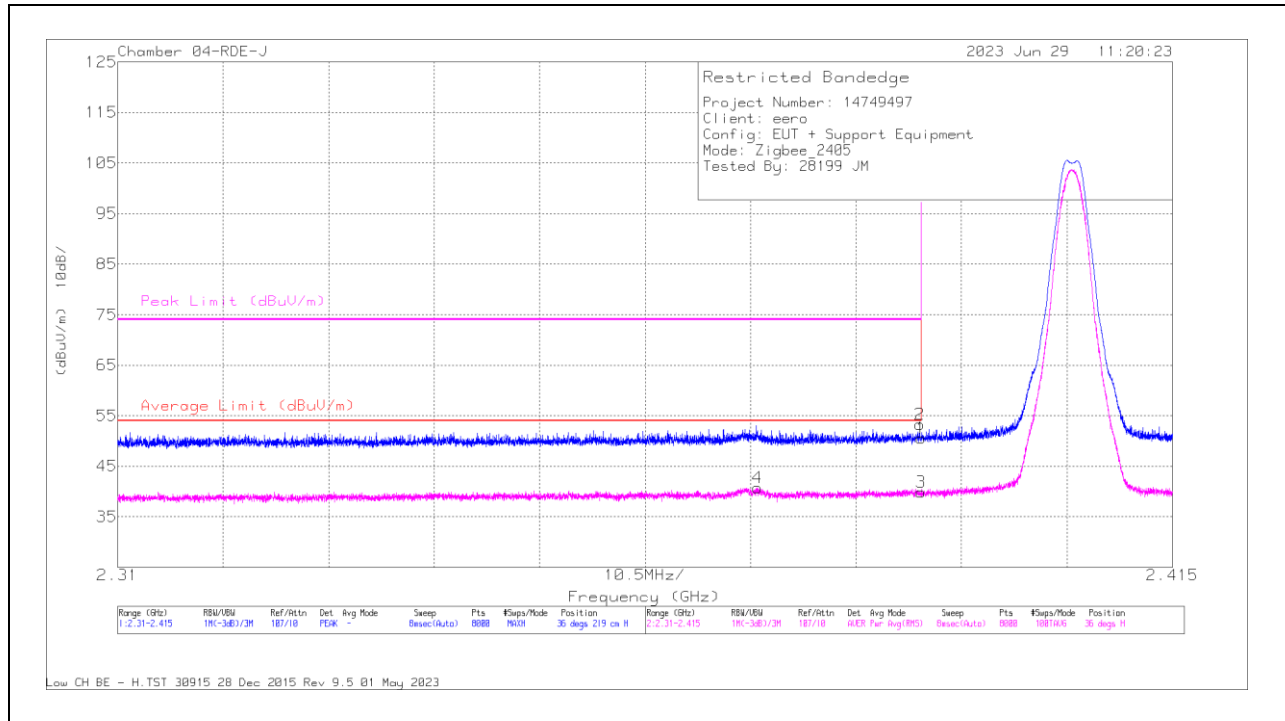
OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

NOTE: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to  $Y - 51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

## 10.2. TRANSMITTER ABOVE 1 GHz

### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

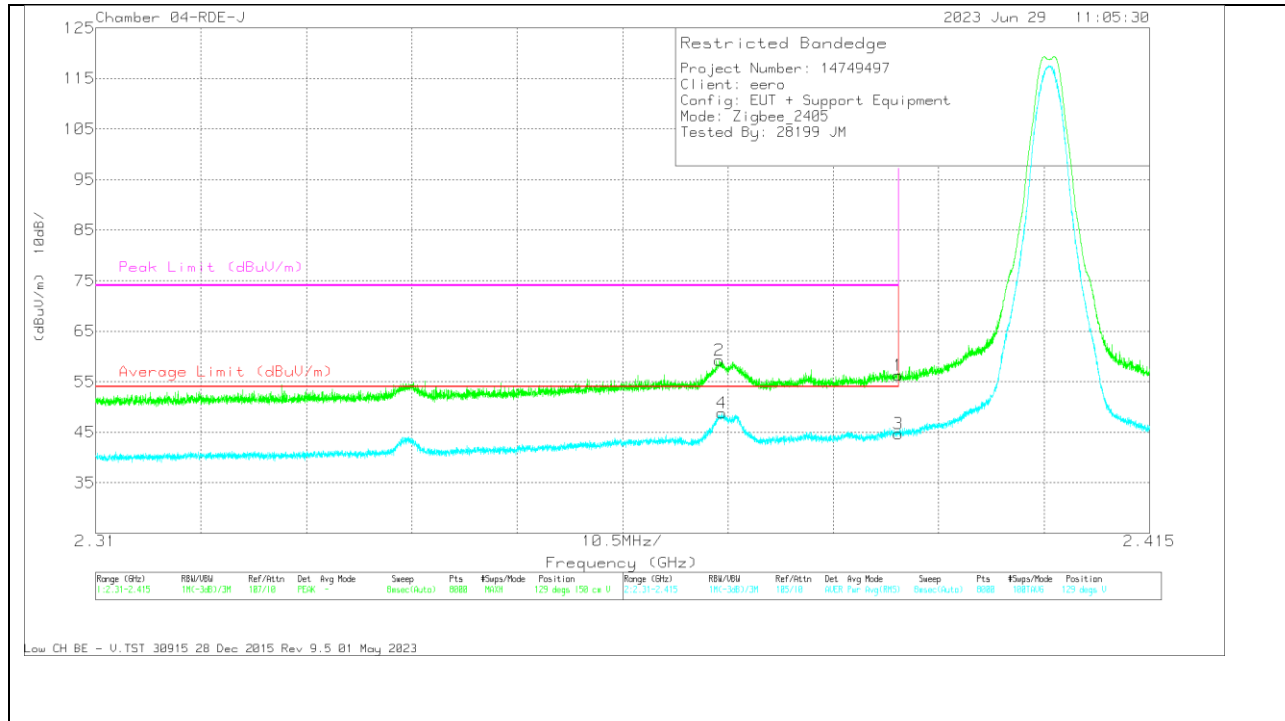


#### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222741 ACF(dB) - 3mH | Cbl/Amp (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 36.57                | Pk  | 32                   | -18          | 50.57                      | -                      | -           | 74                  | -23.43         | 36             | 219         | H        |
| 2      | * 2.389865      | 39.28                | Pk  | 32                   | -18          | 53.28                      | -                      | -           | 74                  | -20.72         | 36             | 219         | H        |
| 3      | * 2.39          | 25.91                | RMS | 32                   | -18          | 39.91                      | 54                     | -14.09      | -                   | -              | 36             | 219         | H        |
| 4      | * 2.373666      | 26.78                | RMS | 32                   | -18.1        | 40.68                      | 54                     | -13.32      | -                   | -              | 36             | 219         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBUV) | Det | 222741 ACF(dB) -3mH | Cbl/Amp (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 42.21                | Pk  | 32                  | -18          | 56.21                      | -                      | -           | 74                  | -17.79         | 129            | 150         | V        |
| 2      | * 2.372143      | 45.37                | Pk  | 31.9                | -18          | 59.27                      | -                      | -           | 74                  | -14.73         | 129            | 150         | V        |
| 3      | * 2.39          | 30.72                | RMS | 32                  | -18          | 44.72                      | 54                     | -9.28       | -                   | -              | 129            | 150         | V        |
| 4      | * 2.372393      | 34.94                | RMS | 31.9                | -18          | 48.84                      | 54                     | -5.16       | -                   | -              | 129            | 150         | V        |

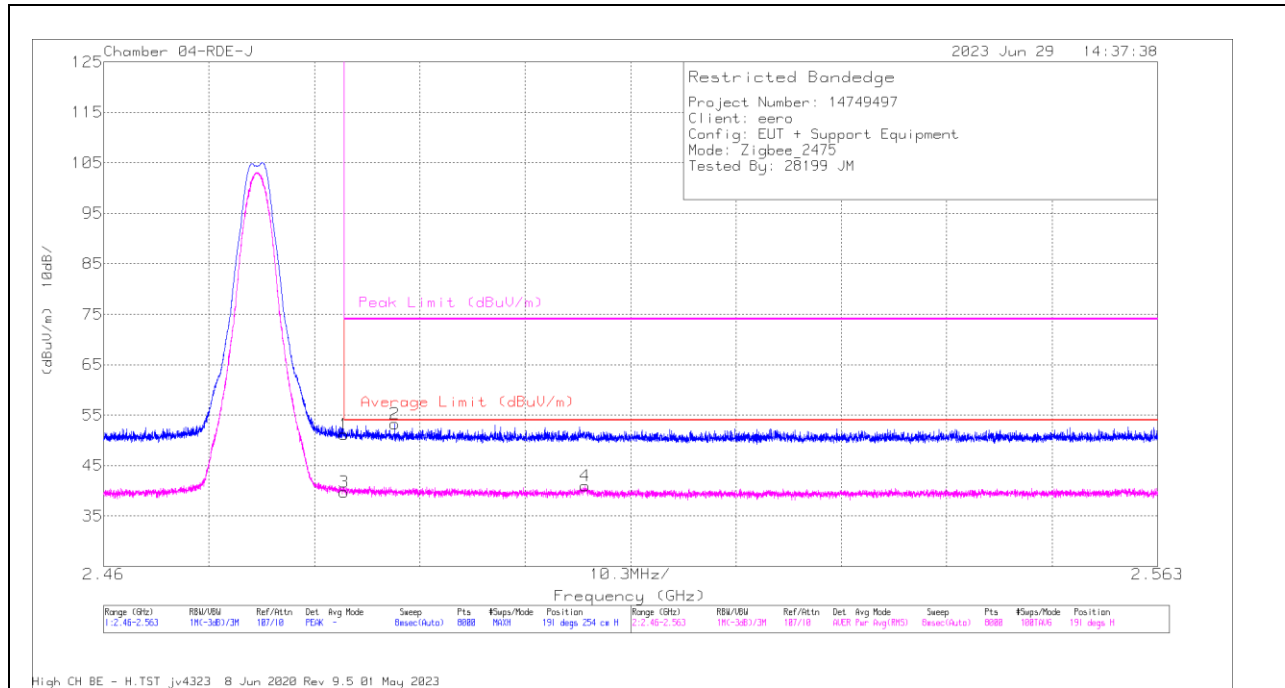
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL 2475MHz)

### HORIZONTAL RESULT

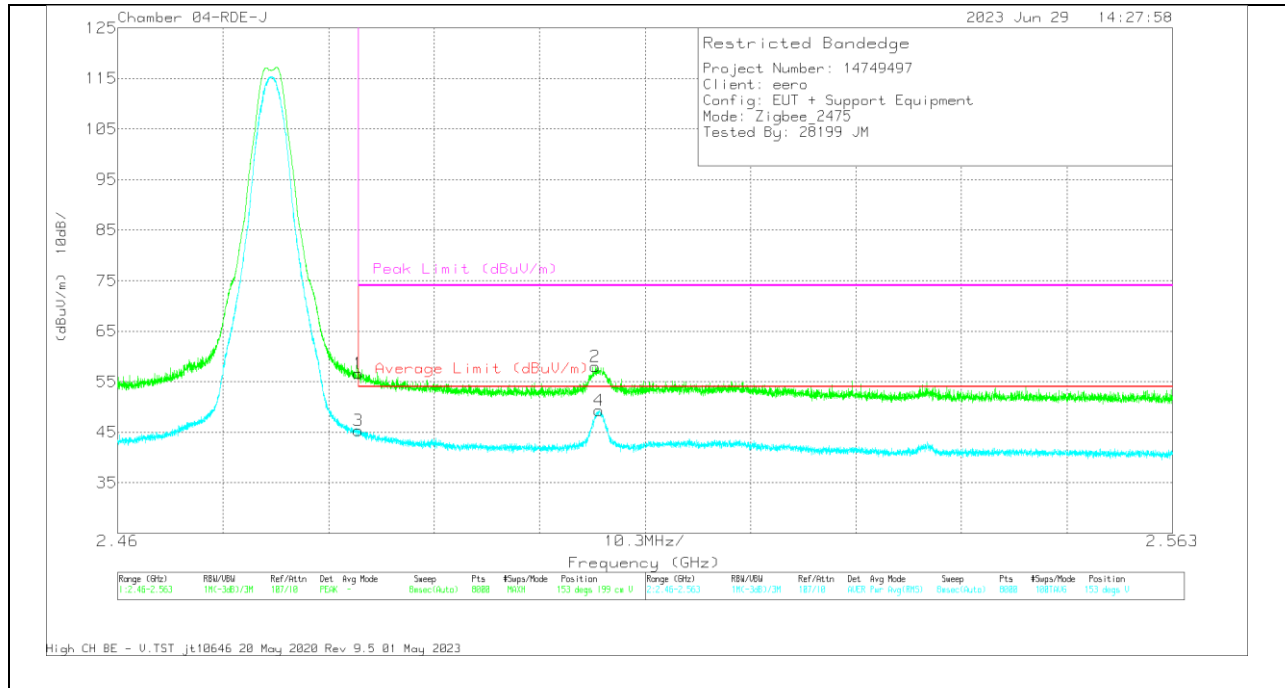


### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222741 ACF(dB) - 3mH | Cbl/Amp (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        | 36.87                | PK  | 32.2                 | -17.9        | 51.17                      | -                      | -           | 74                  | -22.83         | 191            | 254         | H        |
| 2      | * 2.488458      | 38.73                | PK  | 32.3                 | -17.8        | 53.23                      | -                      | -           | 74                  | -20.77         | 191            | 254         | H        |
| 3      | * 2.4835        | 25.46                | RMS | 32.2                 | -17.9        | 39.76                      | 54                     | -14.24      | -                   | -              | 191            | 254         | H        |
| 4      | 2.507065        | 26.44                | RMS | 32.3                 | -17.8        | 40.94                      | 54                     | -13.06      | -                   | -              | 191            | 254         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222741 ACF(dB) - 3mH | Cbl/Amp (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        | 42.33                | Pk  | 32.2                 | -17.9        | 56.63                      | -                      | -           | 74                  | -17.37         | 153            | 199         | V        |
| 2      | 2.506615        | 43.44                | Pk  | 32.3                 | -17.8        | 57.94                      | -                      | -           | 74                  | -16.06         | 153            | 199         | V        |
| 3      | * 2.4835        | 30.98                | RMS | 32.2                 | -17.9        | 45.28                      | 54                     | -8.72       | -                   | -              | 153            | 199         | V        |
| 4      | 2.507001        | 34.8                 | RMS | 32.3                 | -17.8        | 49.3                       | 54                     | -4.7        | -                   | -              | 153            | 199         | V        |

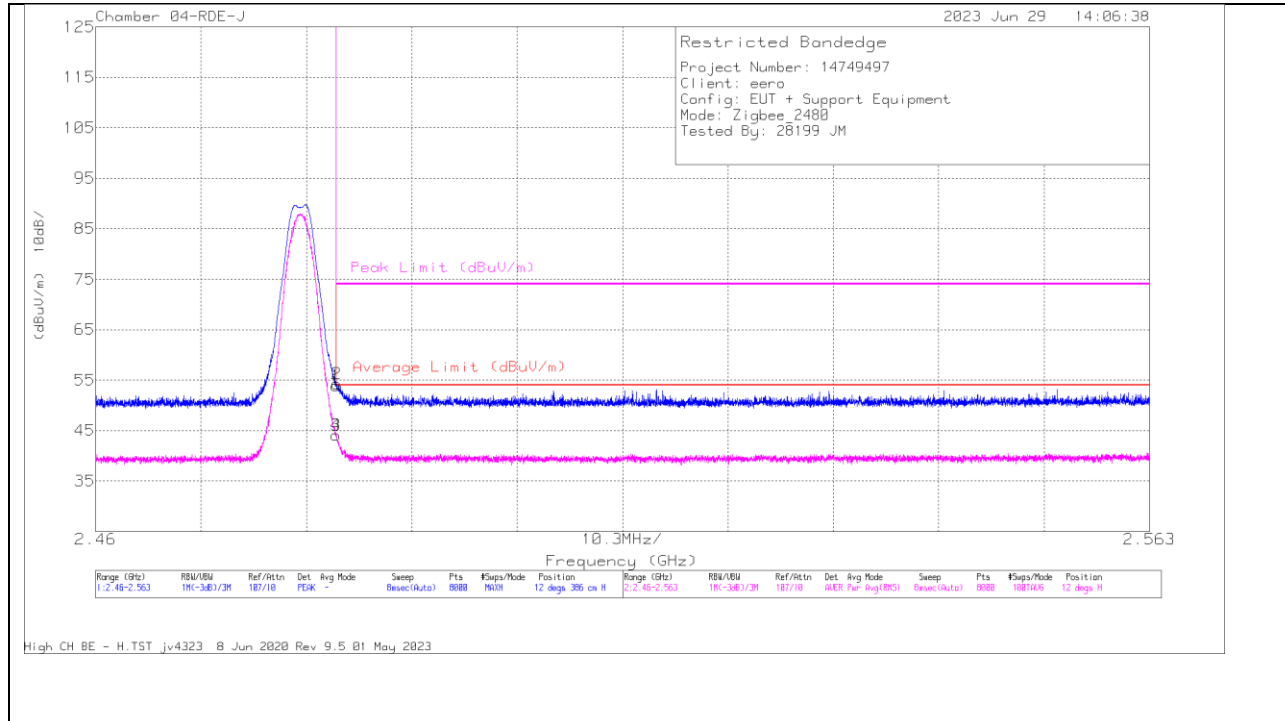
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL 2480MHz)

### HORIZONTAL RESULT

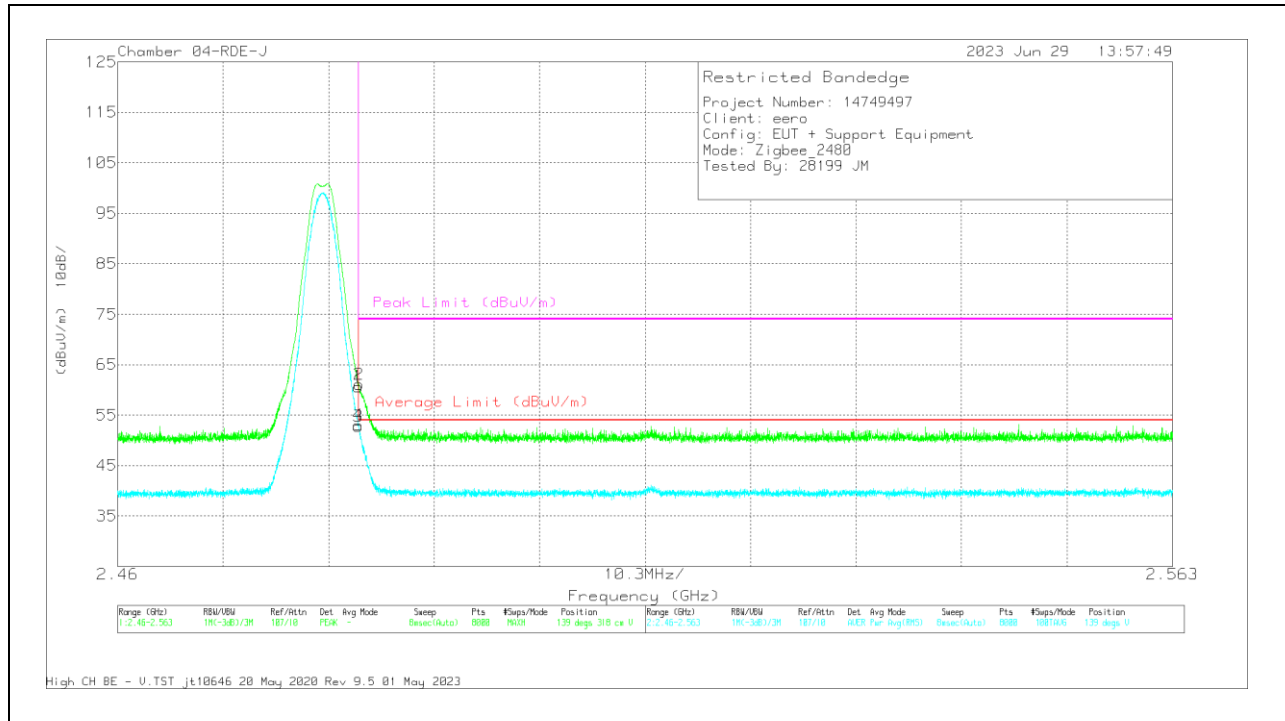


### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 22741 ACF(dB) - 3mH | Cbl/Amp (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        | 39.54                | PK  | 32.2                | -17.9        | 53.84                      | -                      | -           | 74                  | -20.16         | 12             | 386         | H        |
| 2      | * 2.483565      | 39.9                 | PK  | 32.2                | -17.8        | 54.3                       | -                      | -           | 74                  | -19.7          | 12             | 386         | H        |
| 3      | * 2.4835        | 29.73                | RMS | 32.2                | -17.9        | 44.03                      | 54                     | -9.97       | -                   | -              | 12             | 386         | H        |
| 4      | * 2.483501      | 29.64                | RMS | 32.2                | -17.8        | 44.04                      | 54                     | -9.96       | -                   | -              | 12             | 386         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222741 ACF(dB) -3mH | Cbl/Amp (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        | 46.36                | PK  | 32.2                | -17.9        | 60.66                      | -                      | -           | 74                  | -13.34         | 139            | 318         | V        |
| 2      | * 2.48352       | 46.66                | PK  | 32.2                | -17.8        | 61.06                      | -                      | -           | 74                  | -12.94         | 139            | 318         | V        |
| 3      | * 2.4835        | 38.47                | RMS | 32.2                | -17.9        | 52.77                      | 54                     | -1.23       | -                   | -              | 139            | 318         | V        |
| 4      | * 2.483513      | 38.67                | RMS | 32.2                | -17.8        | 53.07                      | 54                     | -.93        | -                   | -              | 139            | 318         | V        |

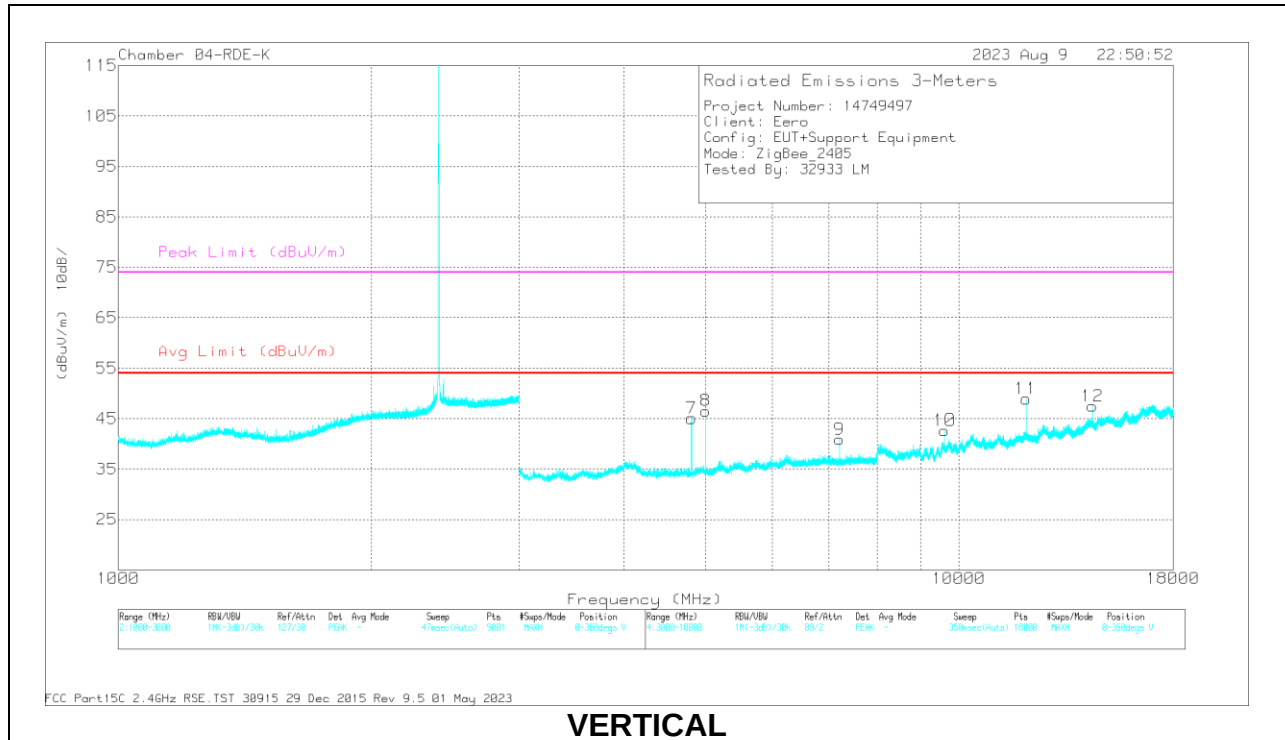
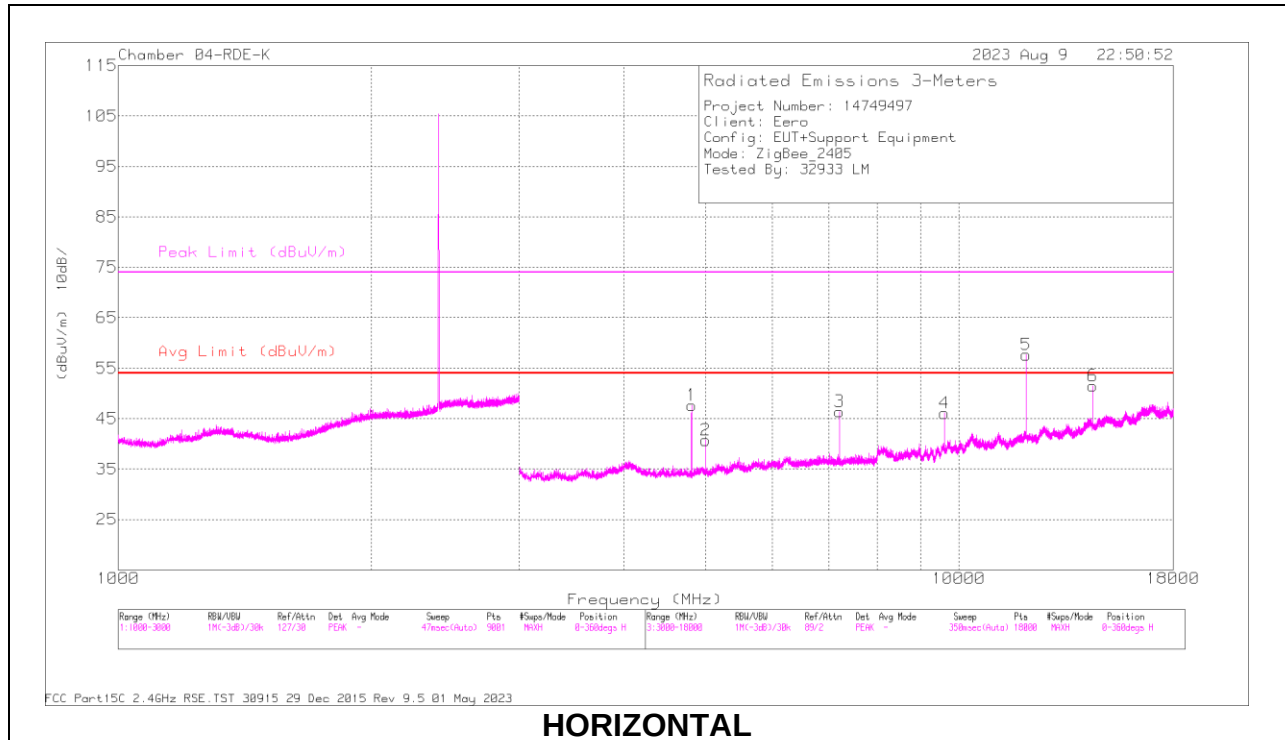
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## RADIATED EMISSIONS

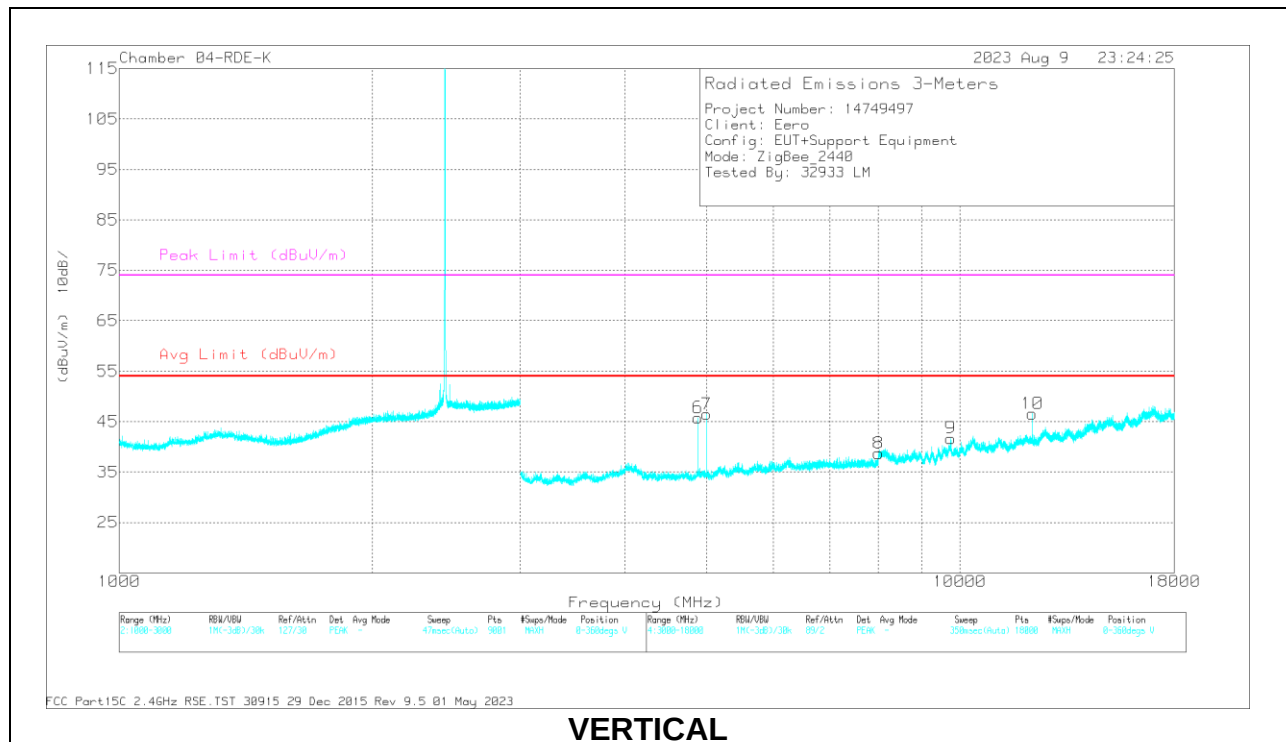
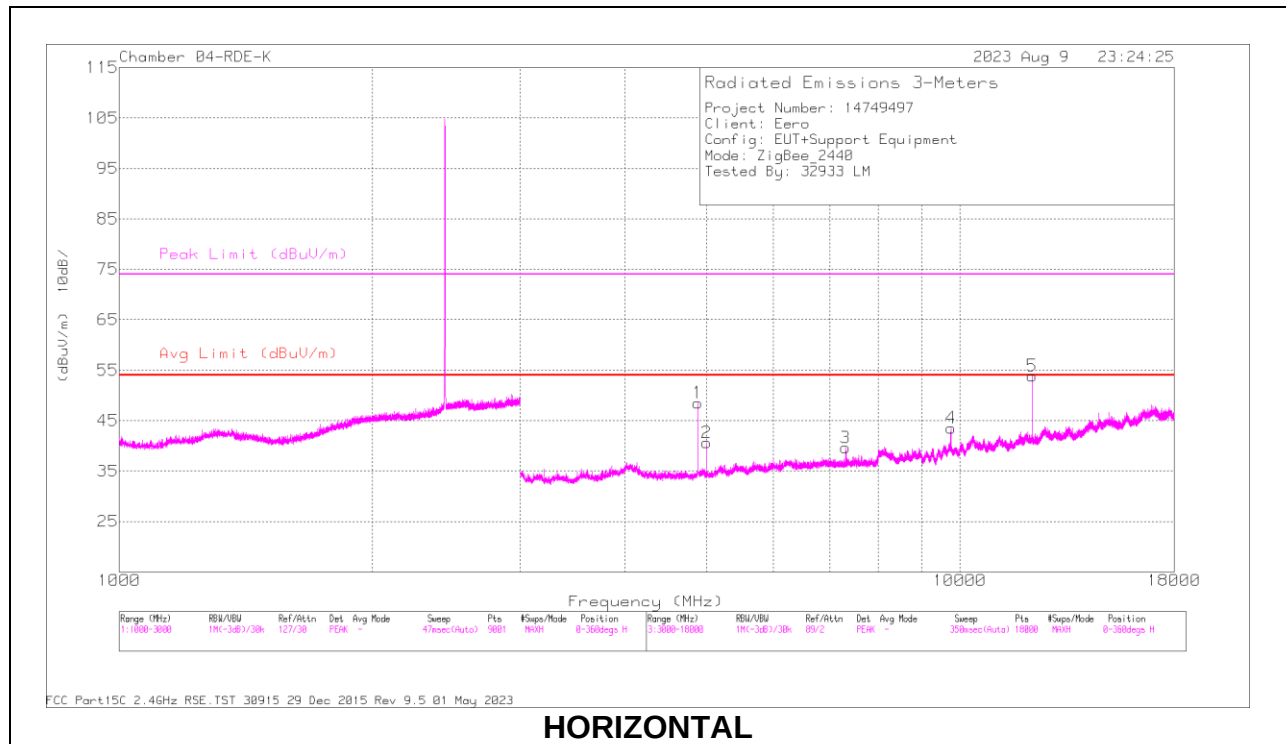
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | 223083 ACF (dB) 3mH | Cbl/Amp (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 4810.876      | 59.95                | PK2  | 33.7                | -39.9        | 53.75                      | -                  | -           | 74                  | -20.25         | 360            | 393         | H        |
|        | * 4810.747      | 54.27                | MAv1 | 33.7                | -39.9        | 48.07                      | 54                 | -5.93       | -                   | -              | 360            | 393         | H        |
| 2      | * 4999.935      | 56.92                | PK2  | 33.8                | -39.8        | 50.92                      | -                  | -           | 74                  | -23.08         | 207            | 295         | H        |
|        | * 5000.062      | 52.17                | MAv1 | 33.8                | -39.8        | 46.17                      | 54                 | -7.83       | -                   | -              | 207            | 295         | H        |
| 3      | 7216.069        | 48.51                | Pk   | 35.7                | -37.8        | 46.41                      | -                  | -           | -                   | -              | 0-360          | 199         | H        |
| 4      | 9621.204        | 45.08                | Pk   | 36.7                | -35.7        | 46.08                      | -                  | -           | -                   | -              | 0-360          | 199         | H        |
| 5      | * 12022.47      | 53.8                 | PK2  | 38.7                | -33.9        | 58.6                       | -                  | -           | 74                  | -15.4          | 342            | 211         | H        |
|        | * 12022.585     | 46.77                | MAv1 | 38.7                | -33.9        | 51.57                      | 54                 | -2.43       | -                   | -              | 342            | 211         | H        |
| 6      | 14433.14        | 45.49                | Pk   | 39.5                | -33.5        | 51.49                      | -                  | -           | -                   | -              | 0-360          | 101         | H        |
| 7      | * 4808.883      | 59.04                | PK2  | 33.7                | -39.8        | 52.94                      | -                  | -           | 74                  | -21.06         | 47             | 247         | V        |
|        | * 4810.918      | 52.93                | MAv1 | 33.7                | -39.9        | 46.73                      | 54                 | -7.27       | -                   | -              | 47             | 247         | V        |
| 8      | * 5000.007      | 58.23                | PK2  | 33.8                | -39.8        | 52.23                      | -                  | -           | 74                  | -21.77         | 177            | 132         | V        |
|        | * 5000.005      | 53.76                | MAv1 | 33.8                | -39.8        | 47.76                      | 54                 | -6.24       | -                   | -              | 177            | 132         | V        |
| 9      | 7216.069        | 42.98                | Pk   | 35.7                | -37.8        | 40.88                      | -                  | -           | -                   | -              | 0-360          | 101         | V        |
| 10     | 9622.037        | 41.54                | Pk   | 36.7                | -35.6        | 42.64                      | -                  | -           | -                   | -              | 0-360          | 200         | V        |
| 11     | * 12022.456     | 53.8                 | PK2  | 38.7                | -33.9        | 58.6                       | -                  | -           | 74                  | -15.4          | 25             | 257         | V        |
|        | * 12022.471     | 46.62                | MAv1 | 38.7                | -33.9        | 51.42                      | 54                 | -2.58       | -                   | -              | 25             | 257         | V        |
| 12     | 14427.307       | 41.46                | Pk   | 39.5                | -33.5        | 47.46                      | -                  | -           | -                   | -              | 0-360          | 101         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL RESULTS



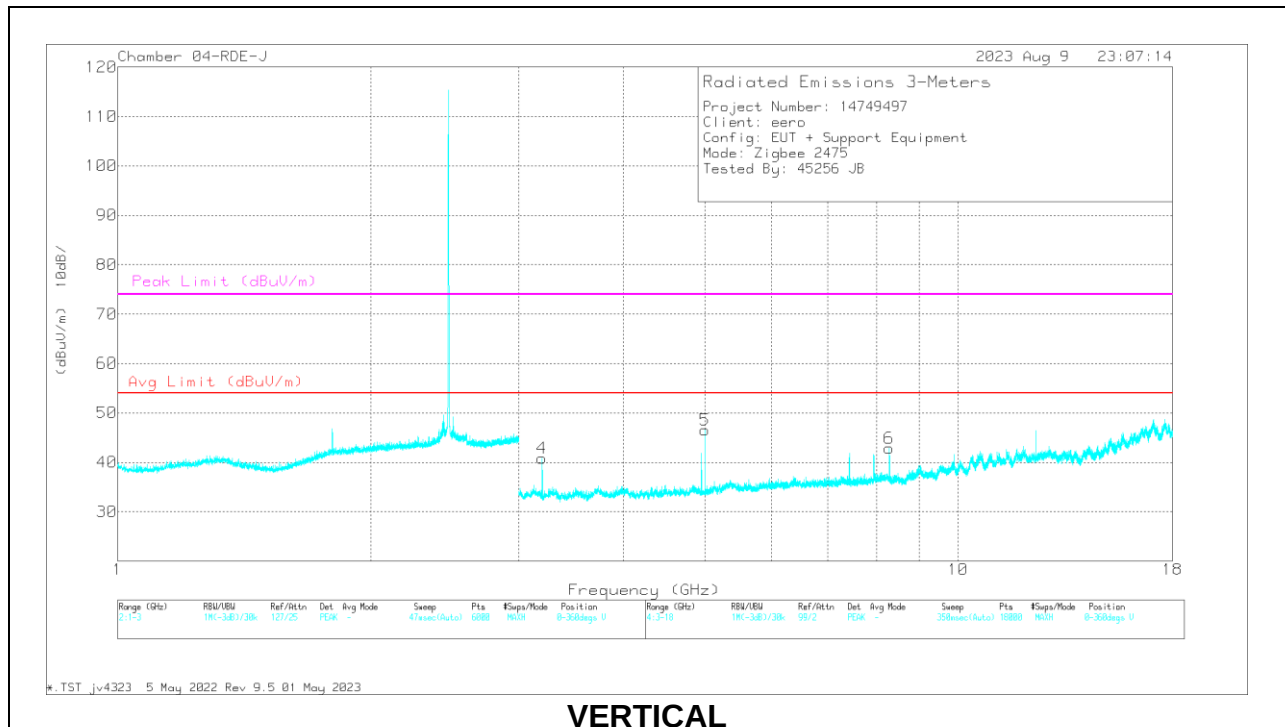
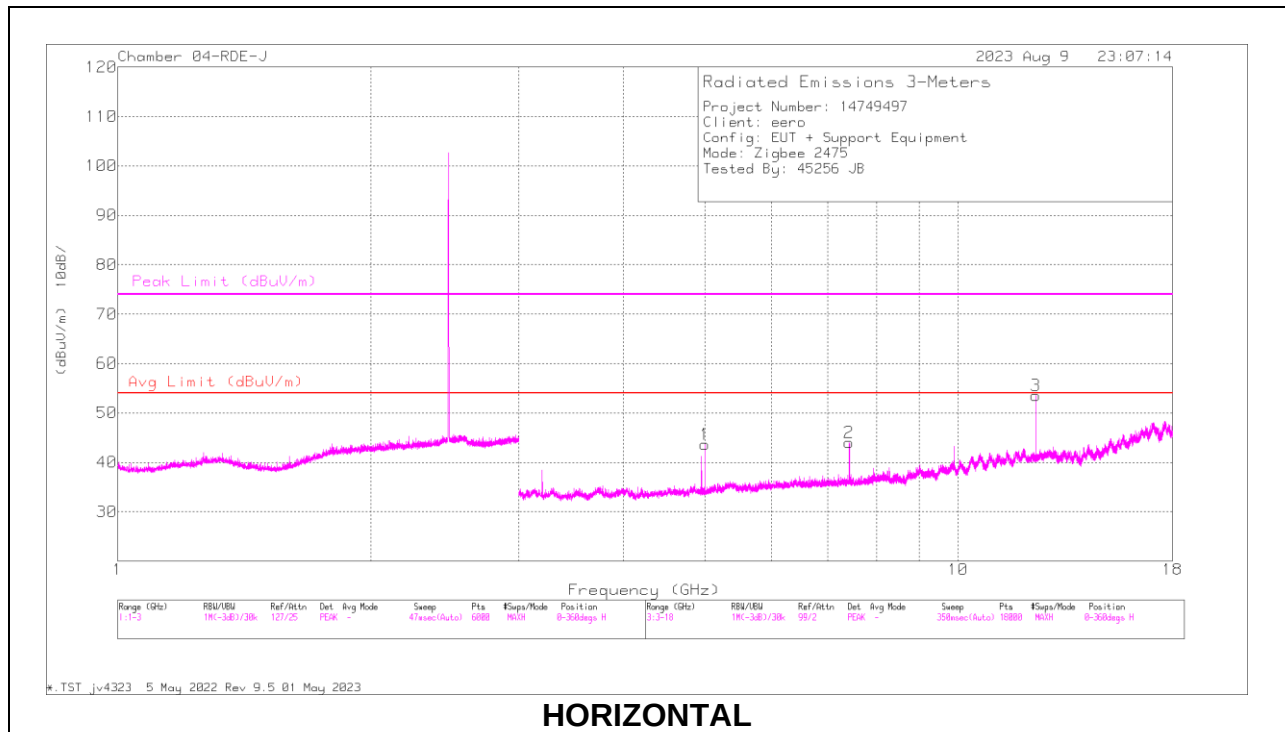
### RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | 223083 ACF (dB) 3mH | Cbl/Amp (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 4879.062      | 61.39                | PK2  | 33.7                | -39.9        | 55.19                      | -                  | -           | 74                  | -18.81         | 23             | 170         | H        |
|        | * 4878.968      | 56.13                | MAV1 | 33.7                | -39.9        | 49.93                      | 54                 | -4.07       | -                   | -              | 23             | 170         | H        |
| 2      | * 5000.09       | 56.75                | PK2  | 33.8                | -39.8        | 50.75                      | -                  | -           | 74                  | -23.25         | 207            | 305         | H        |
|        | * 5000.065      | 52.09                | MAV1 | 33.8                | -39.8        | 46.09                      | 54                 | -7.91       | -                   | -              | 207            | 305         | H        |
| 3      | * 7318.502      | 52.52                | PK2  | 35.7                | -37.4        | 50.82                      | -                  | -           | 74                  | -23.18         | 303            | 246         | H        |
|        | * 7318.513      | 43.8                 | MAV1 | 35.7                | -37.4        | 42.1                       | 54                 | -11.9       | -                   | -              | 303            | 246         | H        |
| 4      | 9762.045        | 42.53                | Pk   | 36.9                | -35.9        | 43.53                      | -                  | -           | -                   | -              | 0-360          | 200         | H        |
| 5      | * 12202.503     | 54.42                | PK2  | 38.9                | -33.8        | 59.52                      | -                  | -           | 74                  | -14.48         | 315            | 358         | H        |
|        | * 12202.321     | 48                   | MAV1 | 38.9                | -33.9        | 53                         | 54                 | -1          | -                   | -              | 315            | 358         | H        |
| 6      | * 4881.004      | 59.68                | PK2  | 33.7                | -39.9        | 53.48                      | -                  | -           | 74                  | -20.52         | 46             | 338         | V        |
|        | * 4880.955      | 53.27                | MAV1 | 33.7                | -39.9        | 47.07                      | 54                 | -6.93       | -                   | -              | 46             | 338         | V        |
| 7      | * 5000.101      | 58.02                | PK2  | 33.8                | -39.8        | 52.02                      | -                  | -           | 74                  | -21.98         | 176            | 142         | V        |
|        | * 4999.973      | 53.92                | MAV1 | 33.8                | -39.8        | 47.92                      | 54                 | -6.08       | -                   | -              | 176            | 142         | V        |
| 8      | 8006.947        | 39.24                | Pk   | 35.9                | -36.4        | 38.74                      | -                  | -           | -                   | -              | 0-360          | 101         | V        |
| 9      | 9757.878        | 40.7                 | Pk   | 36.9                | -35.9        | 41.7                       | -                  | -           | -                   | -              | 0-360          | 200         | V        |
| 10     | * 12202.408     | 50.81                | PK2  | 38.9                | -33.9        | 55.81                      | -                  | -           | 74                  | -18.19         | 44             | 243         | V        |
|        | * 12202.521     | 42.54                | MAV1 | 38.9                | -33.8        | 47.64                      | 54                 | -6.36       | -                   | -              | 44             | 243         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK2 - KDB558074 Method: Maximum Peak  
MAV1 - KDB558074 Option 1 Maximum RMS Average  
Pk - Peak detector



## HIGH CHANNEL RESULTS (2475MHz)



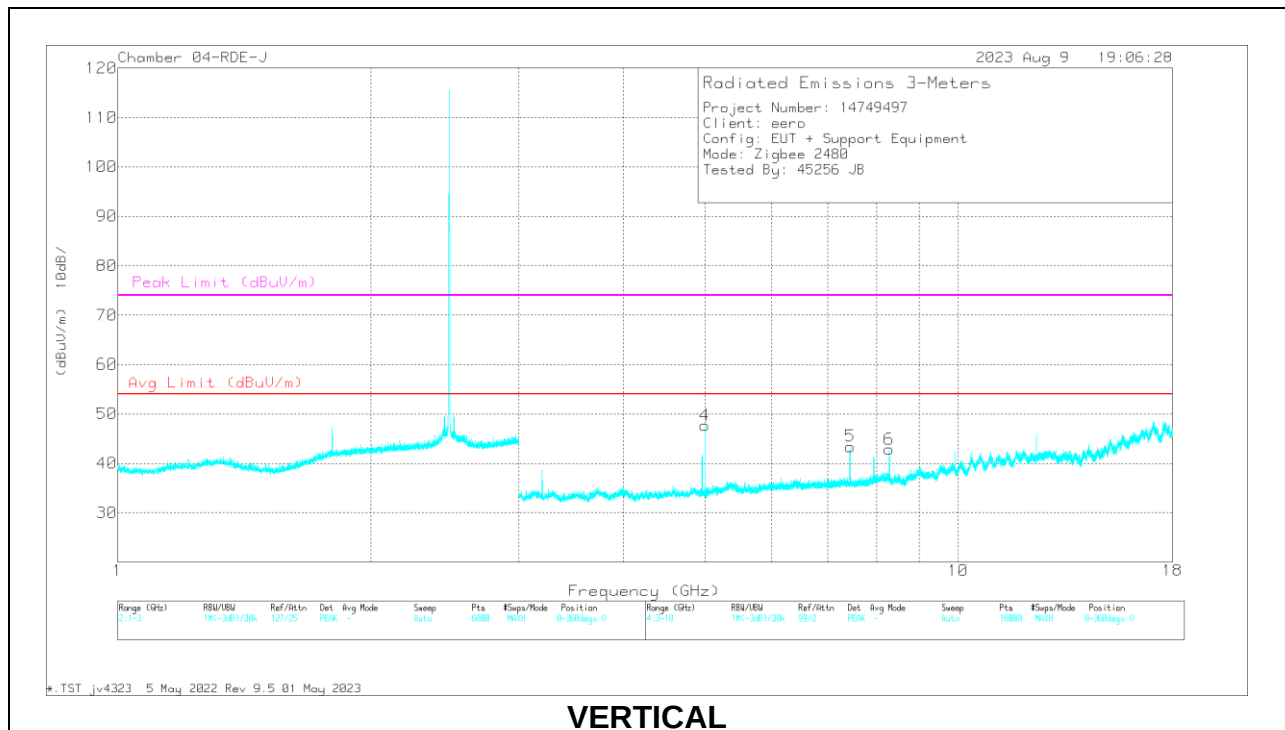
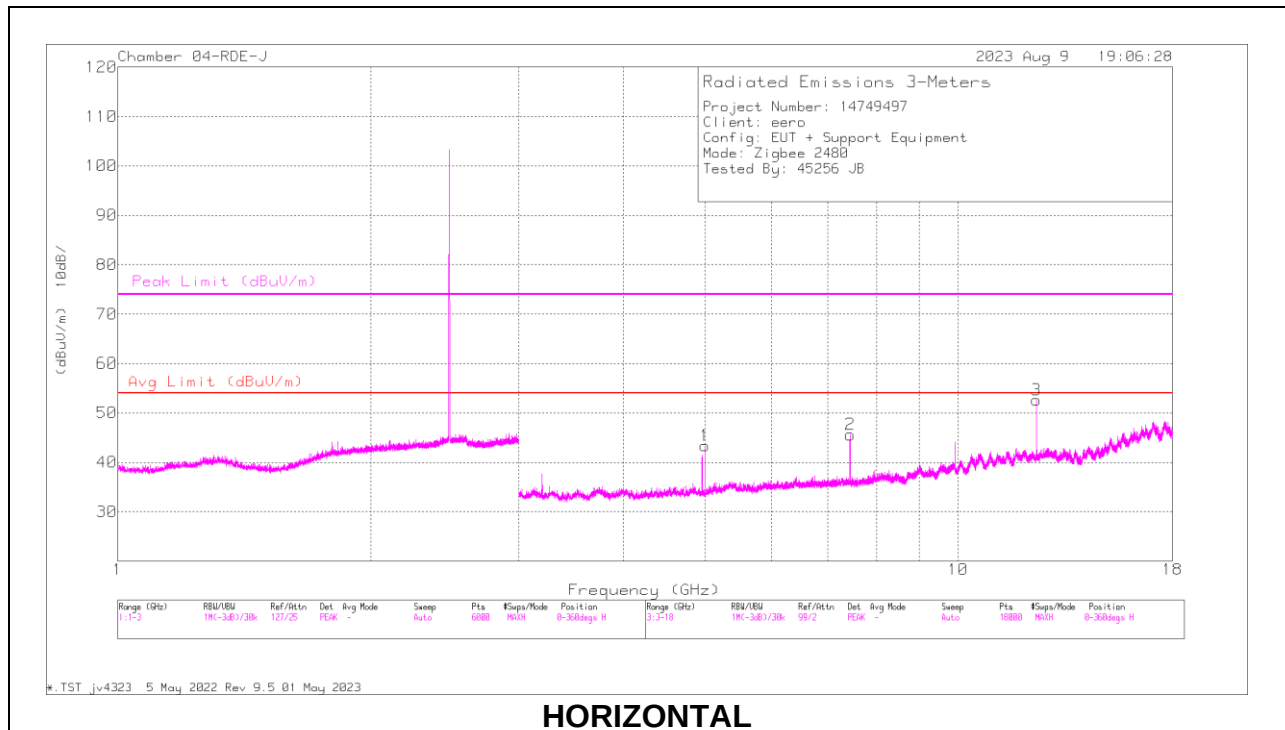
### RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(dB) - 3mH | Cbl/Amp (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.000029      | 61.54                | PK2  | 34.2                 | -44.8        | 50.94                      | -                  | -           | 74                  | -23.06         | 74             | 129         | H        |
|        | * 5.000014      | 56.49                | MAv1 | 34.2                 | -44.8        | 45.89                      | 54                 | -8.11       | -                   | -              | 74             | 129         | H        |
| 2      | * 7.423619      | 57.84                | PK2  | 35.8                 | -42.2        | 51.44                      | -                  | -           | 74                  | -22.56         | 194            | 152         | H        |
|        | * 7.423443      | 50.24                | MAv1 | 35.8                 | -42.2        | 43.84                      | 54                 | -10.16      | -                   | -              | 194            | 152         | H        |
| 3      | * 12.372228     | 58.25                | PK2  | 38.9                 | -39.2        | 57.95                      | -                  | -           | 74                  | -16.05         | 180            | 340         | H        |
|        | * 12.37239      | 51.21                | MAv1 | 38.9                 | -39.2        | 50.91                      | 54                 | -3.09       | -                   | -              | 180            | 340         | H        |
| 4      | 3.199178        | 52.82                | PK   | 32.9                 | -44.9        | 40.82                      | -                  | -           | -                   | -              | 0-360          | 199         | V        |
| 5      | * 5.000234      | 61.49                | PK2  | 34.2                 | -44.8        | 50.89                      | -                  | -           | 74                  | -23.11         | 86             | 126         | V        |
|        | * 5.000123      | 57.27                | MAv1 | 34.2                 | -44.8        | 46.67                      | 54                 | -7.33       | -                   | -              | 86             | 126         | V        |
| 6      | * 8.287732      | 56.58                | PK2  | 35.8                 | -40.8        | 51.58                      | -                  | -           | 74                  | -22.42         | 52             | 127         | V        |
|        | * 8.287849      | 49.89                | MAv1 | 35.8                 | -40.8        | 44.89                      | 54                 | -9.11       | -                   | -              | 52             | 127         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK2 - KDB558074 Method: Maximum Peak  
MAv1 - KDB558074 Option 1 Maximum RMS Average

## RADIATED EMISSIONS

### HIGH CHANNEL RESULTS (2480MHz)



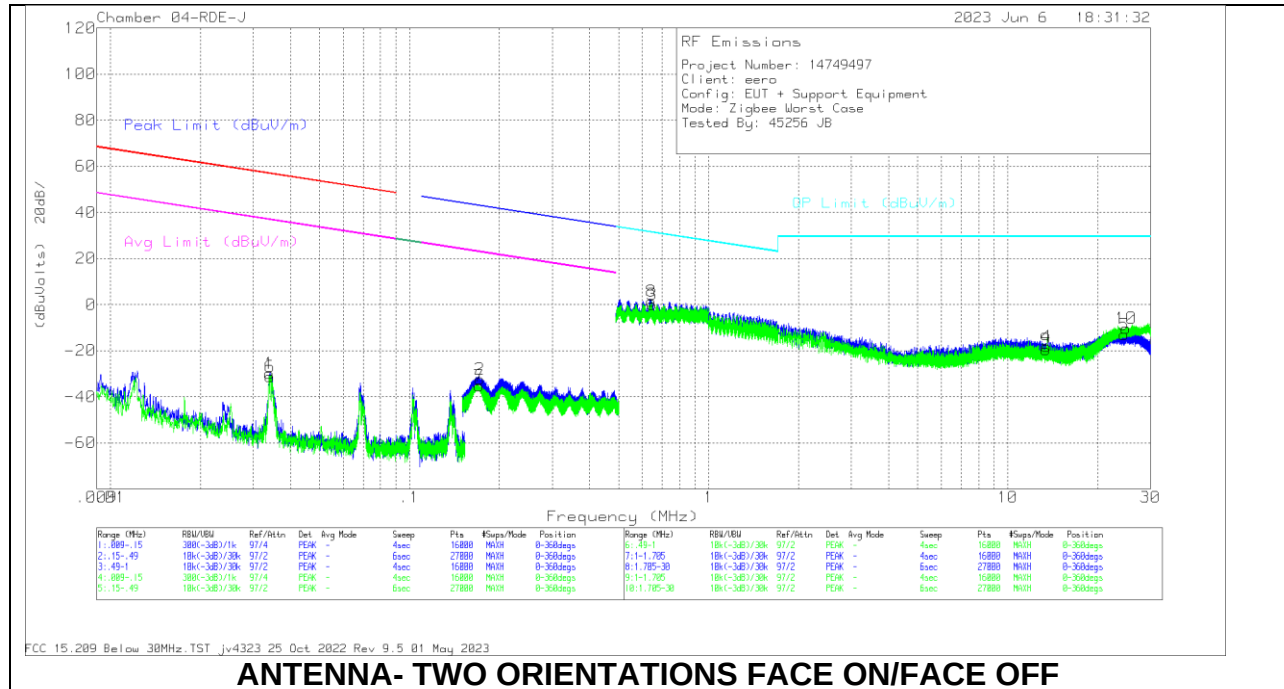
### RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 22741 ACF(dB) - 3mH | Cbl/Amp (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.000105      | 59.87                | PK2  | 34.2                | -44.8        | 49.27                      | -                  | -           | 74                  | -24.73         | 60             | 172         | H        |
|        | * 5.000071      | 53.74                | MAv1 | 34.2                | -44.8        | 43.14                      | 54                 | -10.86      | -                   | -              | 60             | 172         | H        |
| 2      | * 7.441215      | 55.37                | PK2  | 35.8                | -42.2        | 48.97                      | -                  | -           | 74                  | -25.03         | 257            | 222         | H        |
|        | * 7.441505      | 46.1                 | MAv1 | 35.8                | -42.1        | 39.8                       | 54                 | -14.2       | -                   | -              | 257            | 222         | H        |
| 3      | * 12.402397     | 57.74                | PK2  | 38.9                | -39.4        | 57.24                      | -                  | -           | 74                  | -16.76         | 176            | 357         | H        |
|        | * 12.402447     | 50.47                | MAv1 | 38.9                | -39.4        | 49.97                      | 54                 | -4.03       | -                   | -              | 176            | 357         | H        |
| 4      | * 4.999988      | 61.54                | PK2  | 34.2                | -44.8        | 50.94                      | -                  | -           | 74                  | -23.06         | 85             | 160         | V        |
|        | * 5.000055      | 56.57                | MAv1 | 34.2                | -44.8        | 45.97                      | 54                 | -8.03       | -                   | -              | 85             | 160         | V        |
| 5      | * 7.441451      | 53.97                | PK2  | 35.8                | -42.2        | 47.57                      | -                  | -           | 74                  | -26.43         | 228            | 109         | V        |
|        | * 7.441387      | 43.07                | MAv1 | 35.8                | -42.2        | 36.67                      | 54                 | -17.33      | -                   | -              | 228            | 109         | V        |
| 6      | * 8.287992      | 55.91                | PK2  | 35.8                | -40.8        | 50.91                      | -                  | -           | 74                  | -23.09         | 52             | 153         | V        |
|        | * 8.287854      | 49.25                | MAv1 | 35.8                | -40.8        | 44.25                      | 54                 | -9.75       | -                   | -              | 52             | 153         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK2 - KDB558074 Method: Maximum Peak  
MAv1 - KDB558074 Option 1 Maximum RMS Average

### 10.3. WORST CASE BELOW 30MHz

#### SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



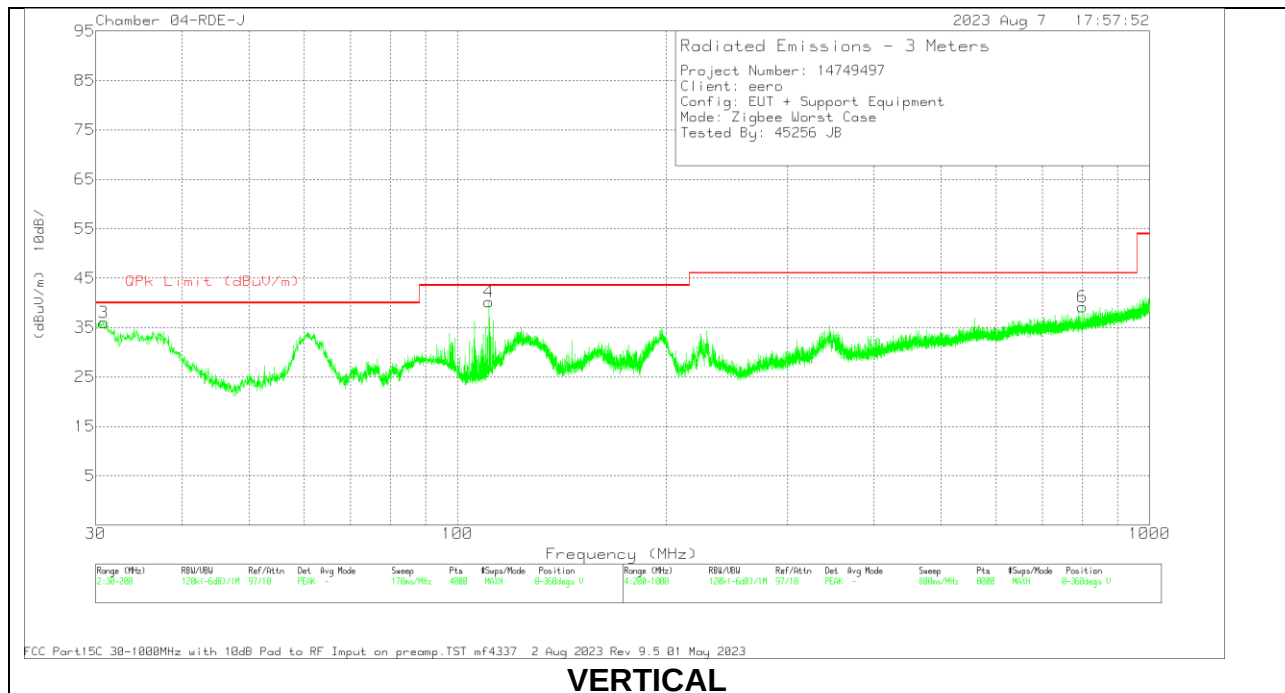
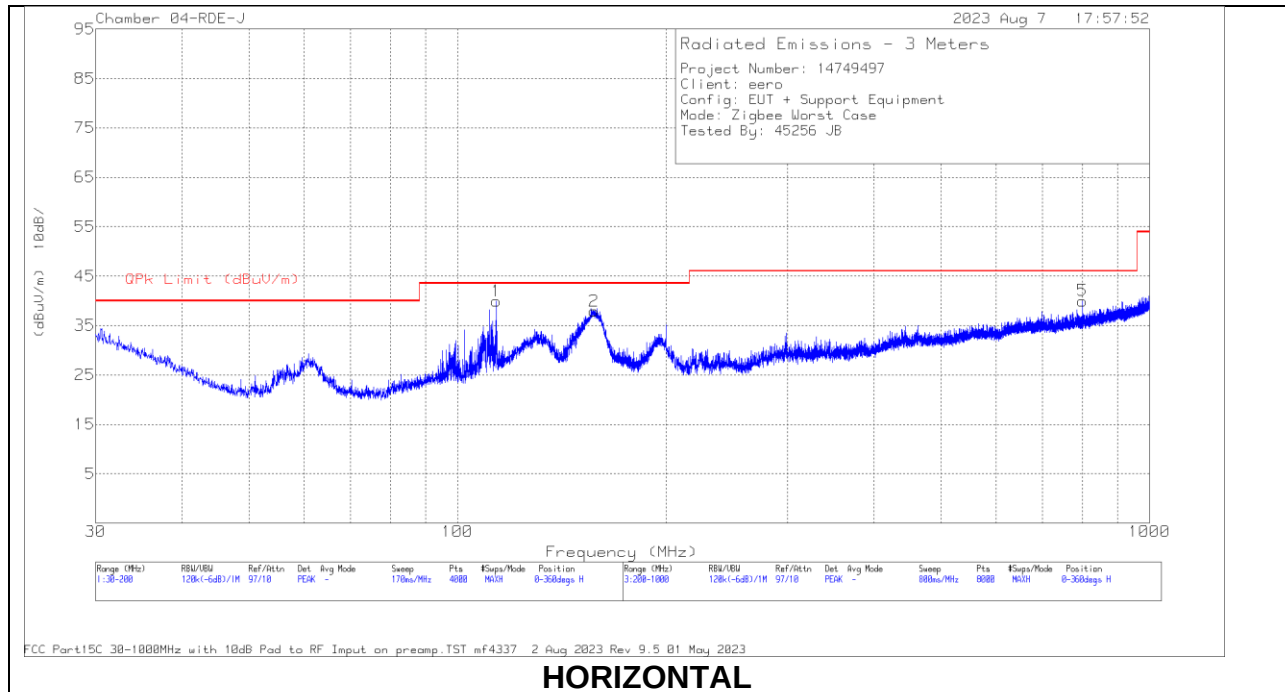
#### Below 30MHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna E(ACF) | Amp/Cables (dB) | Dist Corr 300m | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | GP Limit (dBuV/m) | Margin (dB) | GP Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Asimuth (Degs) |
|--------|-----------------|----------------------|-----|---------------------|-----------------|----------------|----------------------------|---------------------|-------------|--------------------|-------------|-------------------|-------------|-------------------|-------------|---------------------|-------------|--------------------|-------------|----------------|
| 1      | .0341           | 24.58                | PK  | 57.7                | -32.2           | -80            | -29.92                     | 56.94               | -86.86      | 36.94              | -66.86      | -                 | -           | -                 | -           | -                   | -           | -                  | -           | 0-360          |
| 2      | .1716           | 23.96                | PK  | 56.1                | -32.3           | -80            | -32.24                     | -                   | -           | -                  | -           | -                 | -           | -                 | -           | 42.93               | -75.17      | 22.93              | -55.17      | 0-360          |
| 6      | .0342           | 23.34                | PK  | 57.7                | -32.2           | -80            | -31.16                     | 56.9                | -88.06      | 36.9               | -68.06      | -                 | -           | -                 | -           | -                   | -           | -                  | -           | 0-360          |
| 7      | .1712           | 20.97                | PK  | 56.1                | -32.3           | -80            | -35.23                     | -                   | -           | -                  | -           | -                 | -           | -                 | -           | 42.95               | -78.18      | 22.95              | -58.18      | 0-360          |
| 3      | .6469           | 15.88                | PK  | 56.3                | -32.2           | -40            | -.02                       | -                   | -           | -                  | -           | -                 | -           | 31.39             | -31.41      | -                   | -           | -                  | -           | 0-360          |
| 8      | .6433           | 17.41                | PK  | 56.3                | -32.2           | -40            | 1.51                       | -                   | -           | -                  | -           | -                 | -           | 31.44             | -29.93      | -                   | -           | -                  | -           | 0-360          |
| 4      | 13.4772         | 19.47                | PK  | 34.3                | -31.9           | -40            | -18.13                     | -                   | -           | -                  | -           | -                 | -           | 29.5              | -47.63      | -                   | -           | -                  | -           | 0-360          |
| 5      | 24.5021         | 25.16                | PK  | 33.7                | -31.8           | -40            | -12.94                     | -                   | -           | -                  | -           | -                 | -           | 29.5              | -42.44      | -                   | -           | -                  | -           | 0-360          |
| 9      | 13.4363         | 18                   | PK  | 34.3                | -31.9           | -40            | -19.6                      | -                   | -           | -                  | -           | -                 | -           | 29.5              | -49.1       | -                   | -           | -                  | -           | 0-360          |
| 10     | 24.8511         | 27.87                | PK  | 33.6                | -31.7           | -40            | -10.23                     | -                   | -           | -                  | -           | -                 | -           | 29.5              | -39.73      | -                   | -           | -                  | -           | 0-360          |

PK - Peak detector

## 10.4. WORST CASE BELOW 1 GHz (Foxlink PSU)

### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



## Below 1GHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 80293 ACF (dB) 10m H | Amp/Cbl (dB) | 10 dB Pad | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------------|--------------|-----------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | * 113.747       | 41.99                | Pk  | 19.2                 | -31.2        | 10        | 39.99                      | 43.52              | -3.53       | 0-360          | 399         | H        |
|        | * 111.511       | 23.73                | Qp  | 18.8                 | -31.2        | 10        | 21.33                      | 43.52              | -22.19      | 205            | 119         | H        |
| 2      | 157.618         | 40.73                | Pk  | 18.1                 | -30.9        | 10        | 37.93                      | 43.52              | -5.59       | 0-360          | 199         | H        |
|        | 157.53          | 39.01                | Qp  | 18.1                 | -30.9        | 10        | 36.21                      | 43.52              | -7.31       | 206            | 185         | H        |
| 3      | 30.8077         | 31.58                | Pk  | 26.2                 | -31.8        | 10        | 35.98                      | 40                 | -4.02       | 0-360          | 100         | V        |
|        | 31.0683         | 24.96                | Qp  | 26                   | -31.8        | 10        | 29.16                      | 40                 | -10.84      | 157            | 139         | V        |
| 4      | * 110.983       | 42.72                | Pk  | 18.7                 | -31.2        | 10        | 40.22                      | 43.52              | -3.3        | 0-360          | 100         | V        |
|        | * 110.296       | 22.32                | Qp  | 18.6                 | -31.2        | 10        | 19.72                      | 43.52              | -23.8       | 102            | 320         | V        |
| 5      | 800.078         | 31.81                | Pk  | 27                   | -28.8        | 10        | 40.01                      | 46.02              | -6.01       | 0-360          | 99          | H        |
|        | 800.027         | 31.15                | Qp  | 27                   | -28.8        | 10        | 39.35                      | 46.02              | -6.67       | 150            | 100         | H        |
| 6      | 800.078         | 30.99                | Pk  | 27                   | -28.8        | 10        | 39.19                      | 46.02              | -6.83       | 0-360          | 99          | V        |
|        | 800.031         | 30.18                | Qp  | 27                   | -28.8        | 10        | 38.38                      | 46.02              | -7.64       | 115            | 123         | V        |

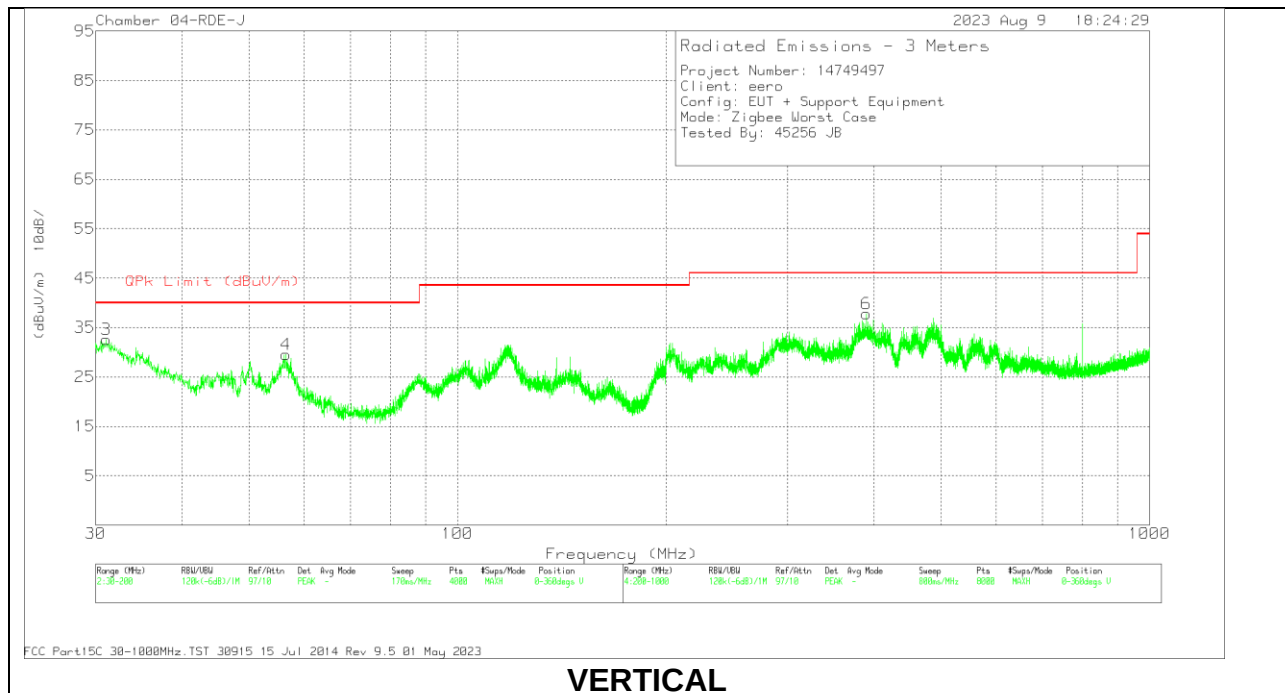
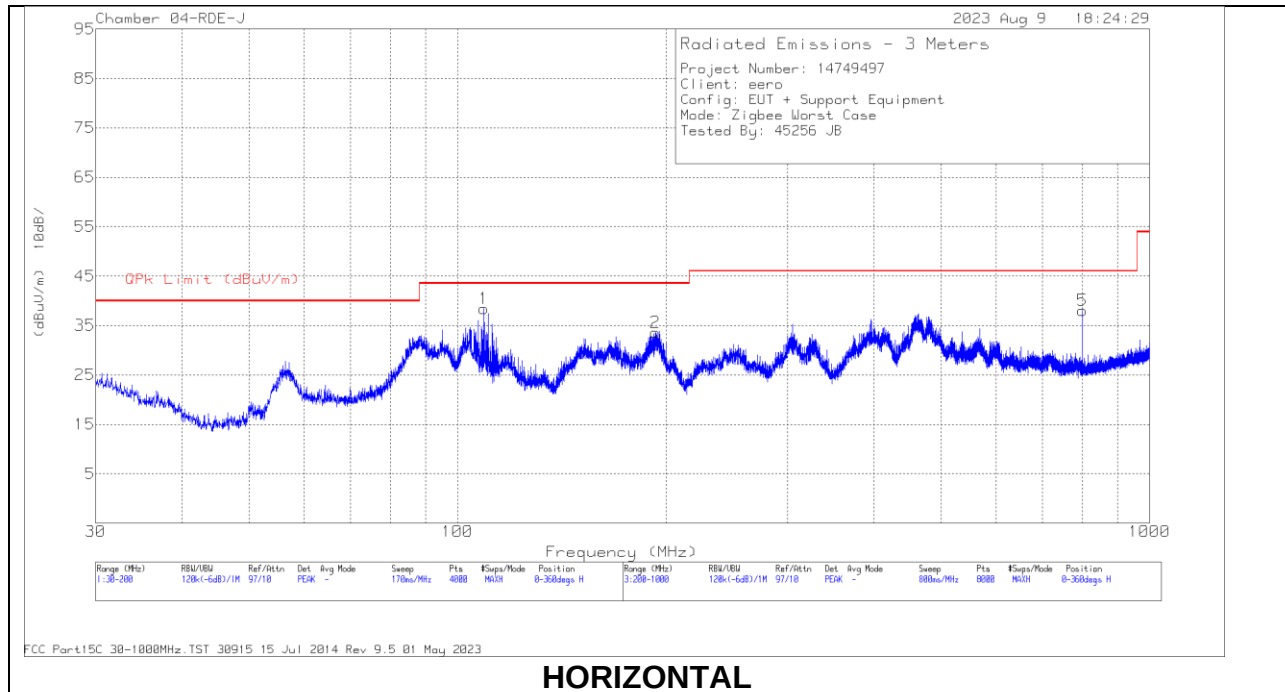
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Qp - Quasi-Peak detector

## 10.5. WORST CASE BELOW 1 GHz (Luxshare PSU)

### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



## Below 1GHz Data

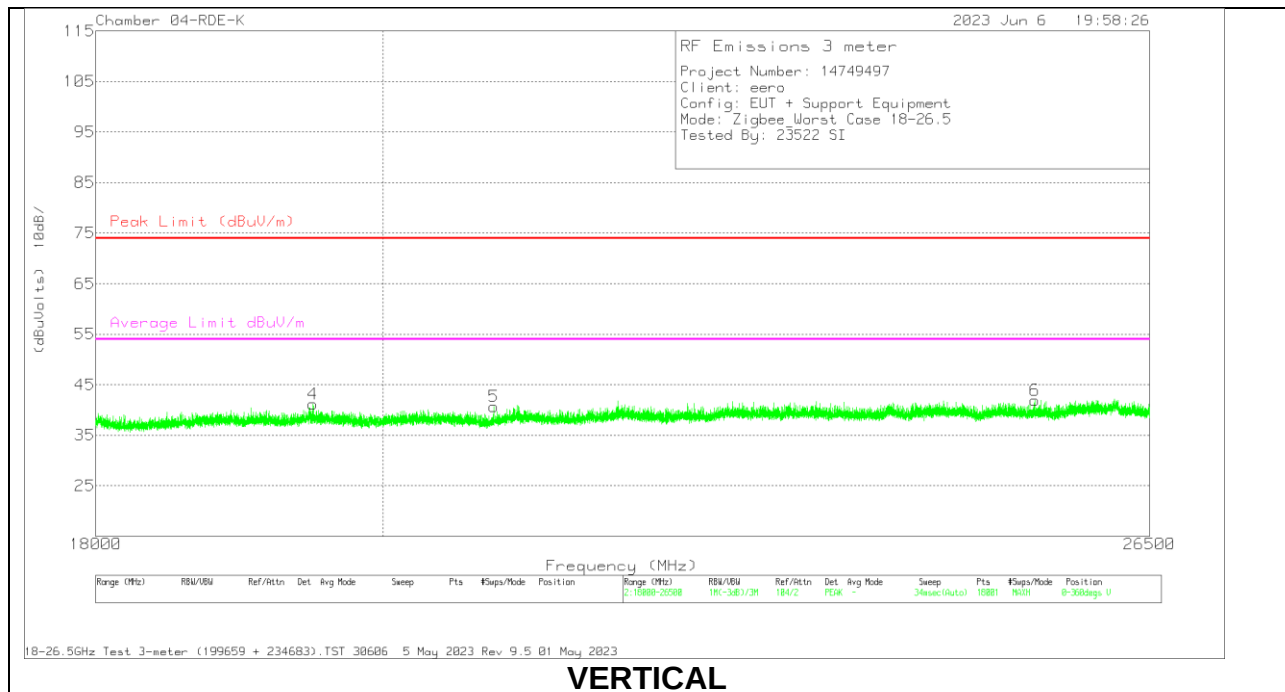
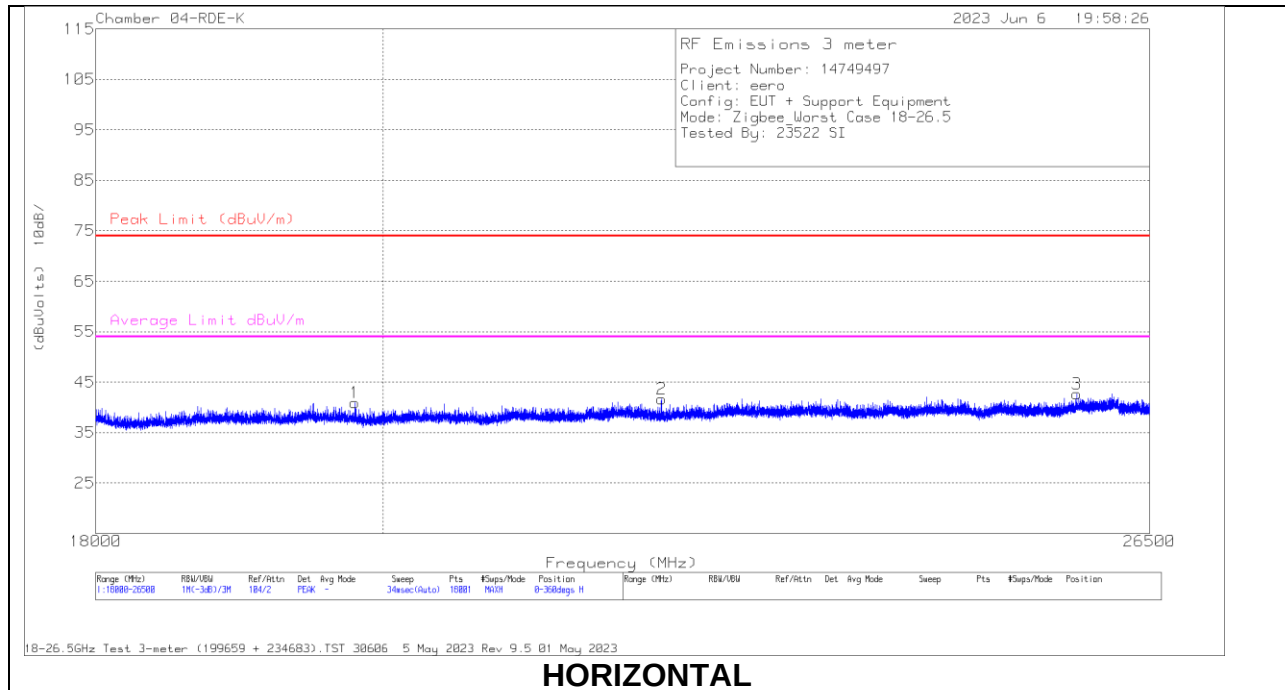
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 80293 ACF (dB) 10m H | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | 107.047         | 42.63                | Pk  | 17.8                 | -31.2        | 29.23                      | 43.52              | -14.29      | 170            | 216         | H        |
|        | 107.047         | 35.68                | Qp  | 17.8                 | -31.2        | 22.28                      | 43.52              | -21.24      | 170            | 216         | H        |
| 2      | 193.115         | 46.88                | Pk  | 17.5                 | -30.8        | 33.58                      | 43.52              | -9.94       | 0-360          | 99          | H        |
| 3      | 31.0628         | 38.34                | Pk  | 26                   | -31.8        | 32.54                      | 40                 | -7.46       | 0-360          | 100         | V        |
| 4      | 56.5269         | 47.91                | Pk  | 13.1                 | -31.5        | 29.51                      | 40                 | -10.49      | 0-360          | 100         | V        |
| 5      | 800.078         | 39.82                | Pk  | 27                   | -28.8        | 38.02                      | 46.02              | -8          | 0-360          | 99          | H        |
| 6      | 390.025         | 46.85                | Pk  | 21                   | -30.1        | 37.75                      | 46.02              | -8.27       | 0-360          | 99          | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
Qp - Quasi-Peak detector



## 10.6. WORST CASE 18 TO 26 GHz

### SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION)



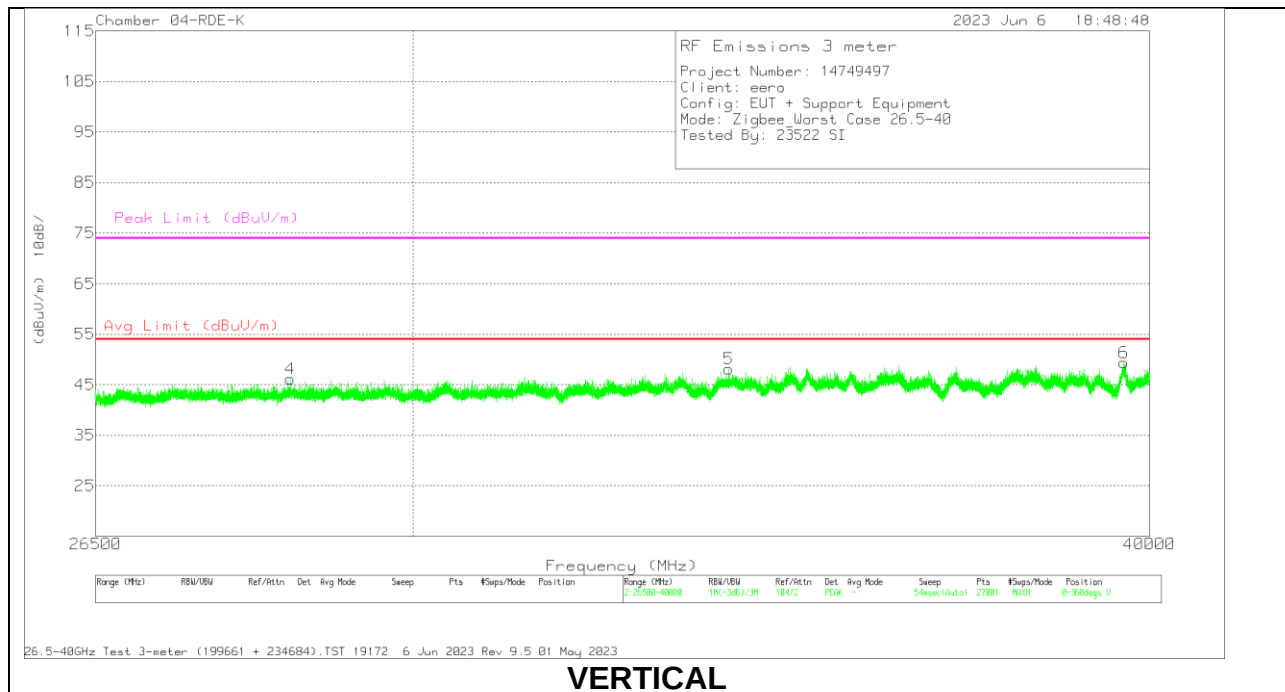
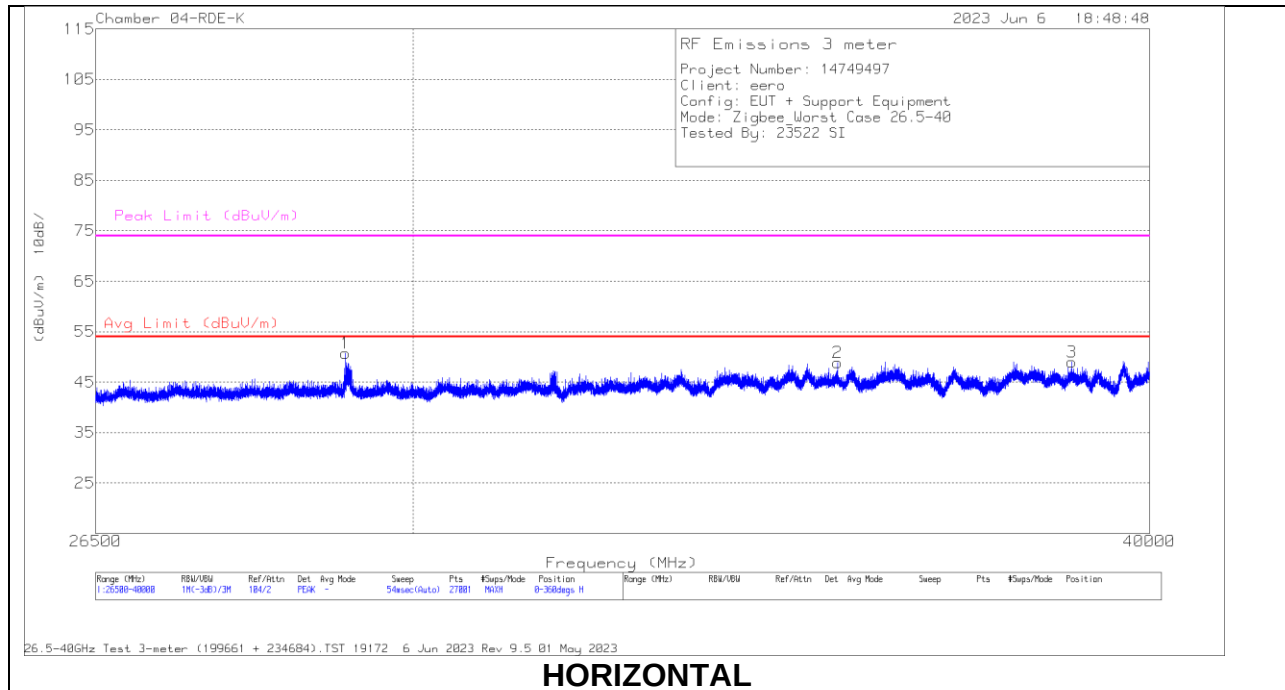
## 18 to 26 GHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Horn ACF (dB/m) | 234683 Amp/Cbl (dB) | Cables (dB) | Corrected Reading (dBuVolts) | Peak Limit (dBuV/m) | PK Margin (dB) | Average Limit dBuV/m | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|---------------------|-------------|------------------------------|---------------------|----------------|----------------------|-------------|----------------|-------------|----------|
| 1      | * 19795.86      | 52.17                | Pk  | 32.7            | -62.6               | 18.6        | 40.87                        | 74                  | -33.13         | -                    | -           | 0-360          | 199         | H        |
| 2      | * 22153.665     | 51.21                | Pk  | 33.3            | -62.5               | 19.6        | 41.61                        | 74                  | -32.39         | -                    | -           | 0-360          | 199         | H        |
| 3      | 25803.469       | 48.81                | Pk  | 34.2            | -61.7               | 21.3        | 42.61                        | 74                  | -31.39         | -                    | -           | 0-360          | 101         | H        |
| 4      | * 19495.527     | 52.87                | Pk  | 32.6            | -62.8               | 18.5        | 41.17                        | 74                  | -32.83         | -                    | -           | 0-360          | 200         | V        |
| 5      | * 20832.86      | 50.22                | Pk  | 32.8            | -61.4               | 19.1        | 40.72                        | 74                  | -33.28         | -                    | -           | 0-360          | 200         | V        |
| 6      | 25406.802       | 48.78                | Pk  | 34              | -62                 | 21.1        | 41.88                        | 74                  | -32.12         | -                    | -           | 0-360          | 200         | V        |

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

## 10.7. WORST CASE 26 TO 40 GHz

### SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION)



## 26 to 40 GHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Horn ACF (dB/m) | 234684 Amp/Cbl (dB) | Cables (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|---------------------|-------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 29217           | 51.08                | Pk  | 36.5            | -59.7               | 22.8        | 50.68                      | -                  | -           | 74                  | -23.32         | 0-360          | 199         | H        |
| 2      | 35411           | 46.93                | Pk  | 37.4            | -60.9               | 25.4        | 48.83                      | -                  | -           | 74                  | -25.17         | 0-360          | 199         | H        |
| 3      | * 38800         | 46.88                | Pk  | 38.1            | -62.9               | 26.9        | 48.98                      | -                  | -           | 74                  | -25.02         | 0-360          | 199         | H        |
| 4      | 28597           | 47.09                | Pk  | 36.1            | -59.7               | 22.6        | 46.09                      | -                  | -           | 74                  | -27.91         | 0-360          | 199         | V        |
| 5      | 33937           | 46.06                | Pk  | 37.3            | -60                 | 24.8        | 48.16                      | -                  | -           | 74                  | -25.84         | 0-360          | 101         | V        |
| 6      | * 39597.5       | 45.26                | Pk  | 38.3            | -61.4               | 27.2        | 49.36                      | -                  | -           | 74                  | -24.64         | 0-360          | 199         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-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. AC Power Line (Foxlink PSU)

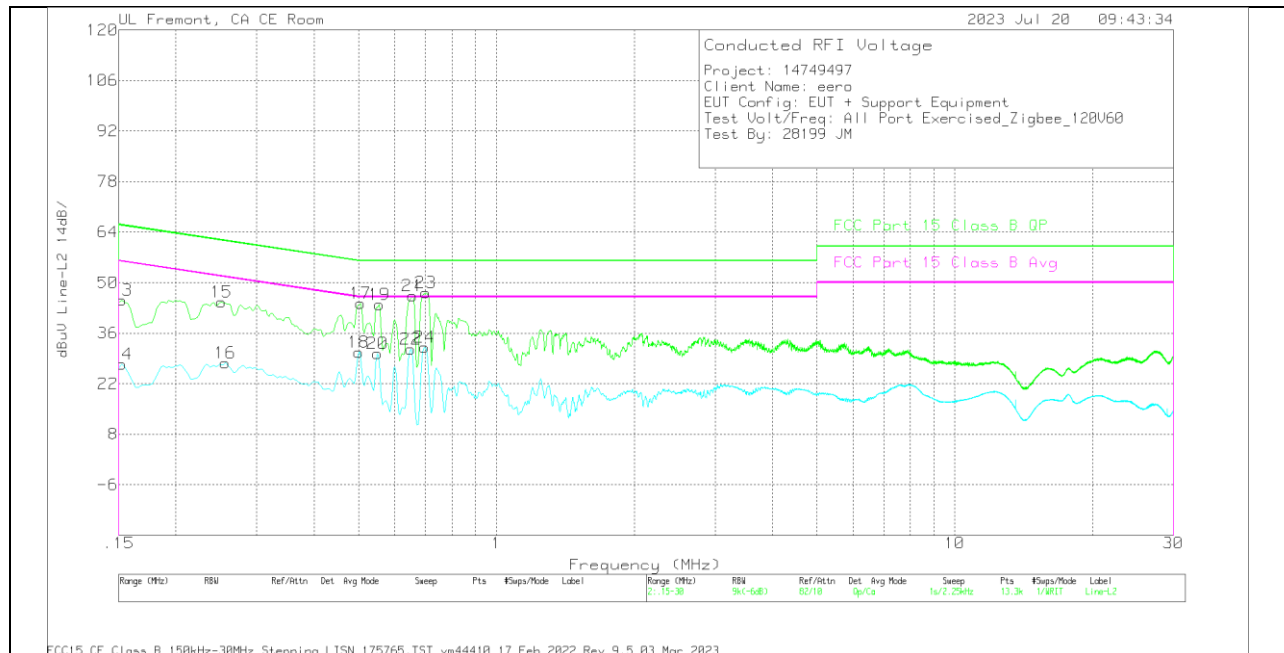
### LINE 1 RESULTS



| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |             |                       |                                |                        |                        |                |                         |                       |
|------------------------------|-----------------|----------------------|-----|-------------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | L1_LISN.csv | C1&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 2                            | .1523           | 26.07                | Ca  | 0           | 0                     | 9.4                            | 35.47                  | -                      | -              | 55.88                   | -20.41                |
| 4                            | .204            | 25.09                | Ca  | 0           | 0                     | 9.4                            | 34.49                  | -                      | -              | 53.45                   | -18.96                |
| 6                            | .501            | 28.2                 | Ca  | 0           | .1                    | 9.3                            | 37.6                   | -                      | -              | 46                      | -8.4                  |
| 8                            | .5505           | 27.92                | Ca  | 0           | .1                    | 9.3                            | 37.32                  | -                      | -              | 46                      | -8.68                 |
| 10                           | .6495           | 26.63                | Ca  | 0           | .1                    | 9.3                            | 36.03                  | -                      | -              | 46                      | -9.97                 |
| 12                           | .6968           | 28.09                | Ca  | 0           | .1                    | 9.3                            | 37.49                  | -                      | -              | 46                      | -8.51                 |
| 1                            | .1523           | 37.31                | Qp  | 0           | 0                     | 9.4                            | 46.71                  | 65.88                  | -19.17         | -                       | -                     |
| 3                            | .1995           | 37.11                | Qp  | 0           | 0                     | 9.4                            | 46.51                  | 63.63                  | -17.12         | -                       | -                     |
| 5                            | .4988           | 34.92                | Qp  | 0           | .1                    | 9.3                            | 44.32                  | 56.02                  | -11.7          | -                       | -                     |
| 7                            | .5483           | 34.62                | Qp  | 0           | .1                    | 9.3                            | 44.02                  | 56                     | -11.98         | -                       | -                     |
| 9                            | .6518           | 33.9                 | Qp  | 0           | .1                    | 9.3                            | 43.3                   | 56                     | -12.7          | -                       | -                     |
| 11                           | .7024           | 36.84                | Qp  | 0           | .1                    | 9.3                            | 46.24                  | 56                     | -9.76          | -                       | -                     |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

## LINE 2 RESULTS

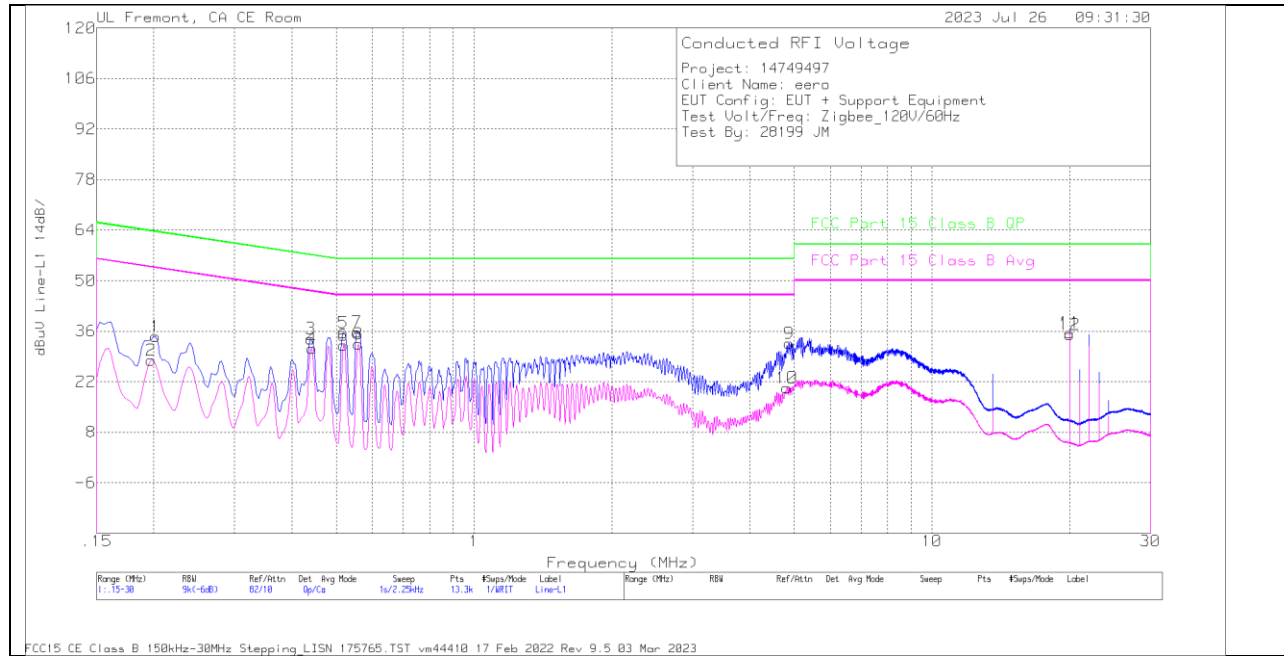


| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |         |                       |                                |                        |                        |                |                         |                       |
|------------------------------|-----------------|----------------------|-----|---------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | L2_LISN | C2&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 14                           | .1523           | 18.07                | Ca  | 0       | 0                     | 9.4                            | 27.47                  | -                      | -              | 55.88                   | -28.41                |
| 16                           | .2558           | 18.38                | Ca  | 0       | 0                     | 9.3                            | 27.68                  | -                      | -              | 51.57                   | -23.89                |
| 18                           | .501            | 21.32                | Ca  | 0       | .1                    | 9.3                            | 30.72                  | -                      | -              | 46                      | -15.28                |
| 20                           | .5505           | 20.97                | Ca  | 0       | .1                    | 9.3                            | 30.37                  | -                      | -              | 46                      | -15.63                |
| 22                           | .6495           | 22.16                | Ca  | 0       | .1                    | 9.3                            | 31.56                  | -                      | -              | 46                      | -14.44                |
| 24                           | .6968           | 22.68                | Ca  | 0       | .1                    | 9.3                            | 32.08                  | -                      | -              | 46                      | -13.92                |
| 13                           | .1523           | 35.79                | Qp  | 0       | 0                     | 9.4                            | 45.19                  | 65.88                  | -20.69         | -                       | -                     |
| 15                           | .2513           | 35.37                | Qp  | 0       | 0                     | 9.3                            | 44.67                  | 61.72                  | -17.05         | -                       | -                     |
| 17                           | .5055           | 34.85                | Qp  | 0       | .1                    | 9.3                            | 44.25                  | 56                     | -11.75         | -                       | -                     |
| 19                           | .555            | 34.44                | Qp  | 0       | .1                    | 9.3                            | 43.84                  | 56                     | -12.16         | -                       | -                     |
| 21                           | .6563           | 37.01                | Qp  | 0       | .1                    | 9.3                            | 46.41                  | 56                     | -9.59          | -                       | -                     |
| 23                           | .7013           | 37.81                | Qp  | 0       | .1                    | 9.3                            | 47.21                  | 56                     | -8.79          | -                       | -                     |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

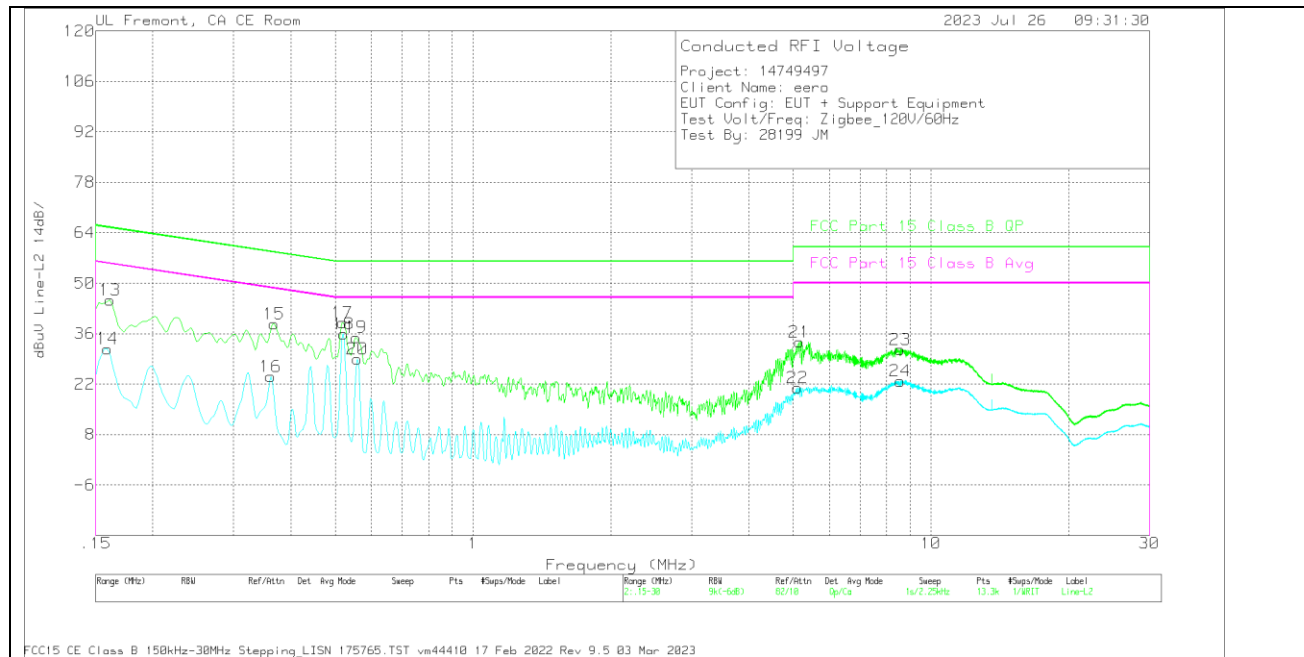
## 11.2. AC Power Line (Luxshare PSU)

### LINE 1 RESULTS



Qp - Quasi-Peak detector  
Ca - CISPR average detection

## LINE 2 RESULTS



| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |         |                       |                                |                        |                        |                |                         |                       |
|------------------------------|-----------------|----------------------|-----|---------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | L2_LISN | C2&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 14                           | .159            | 22.43                | Ca  | 0       | 0                     | 9.4                            | 31.83                  | -                      | -              | 55.52                   | -23.69                |
| 16                           | .3615           | 14.8                 | Ca  | 0       | 0                     | 9.3                            | 24.1                   | -                      | -              | 48.69                   | -24.59                |
| 18                           | .5213           | 26.44                | Ca  | 0       | .1                    | 9.3                            | 35.84                  | -                      | -              | 46                      | -10.16                |
| 20                           | .5595           | 19.53                | Ca  | 0       | .1                    | 9.3                            | 28.93                  | -                      | -              | 46                      | -17.07                |
| 22                           | 5.1068          | 11.5                 | Ca  | 0       | .1                    | 9.3                            | 20.9                   | -                      | -              | 50                      | -29.1                 |
| 24                           | 8.5605          | 13.3                 | Ca  | 0       | .2                    | 9.3                            | 22.8                   | -                      | -              | 50                      | -27.2                 |
| 13                           | .1613           | 35.98                | Qp  | 0       | 0                     | 9.4                            | 45.38                  | 65.4                   | -20.02         | -                       | -                     |
| 15                           | .3683           | 29.35                | Qp  | 0       | 0                     | 9.3                            | 38.65                  | 58.54                  | -19.89         | -                       | -                     |
| 17                           | .519            | 29.65                | Qp  | 0       | .1                    | 9.3                            | 39.05                  | 56                     | -16.95         | -                       | -                     |
| 19                           | .555            | 25.56                | Qp  | 0       | .1                    | 9.3                            | 34.96                  | 56                     | -21.04         | -                       | -                     |
| 21                           | 5.1563          | 24.26                | Qp  | 0       | .1                    | 9.3                            | 33.66                  | 60                     | -26.34         | -                       | -                     |
| 23                           | 8.5583          | 22                   | Qp  | 0       | .2                    | 9.3                            | 31.5                   | 60                     | -28.5          | -                       | -                     |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

## **12. SETUP PHOTOS**

Please refer to 14749497-EP1 for setup photo.

## **END OF TEST REPORT**