# FCC RADIO TEST REPORT

| | | |
|---|---|---|
| **FCC ID** | : | **A4RG7SWN** |
| **Equipment** | : | **Phone** |
| **Model Name** | : | **G7SWN** |
| **Applicant** | : | **Google LLC**<br>**1600 Amphitheatre Parkway,**<br>**Mountain View, CA, 94043 USA** |
| **Standard** | : | **FCC Part 15 Subpart E §15.407** |

**The product was received on Nov. 25, 2025 and testing was performed from Dec. 09, 2025 to Feb. 24, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.**

**The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.**

Louis Wu

**Approved by: Louis Wu**

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# History of this test report

| Report No. | Version | Description | Issue Date |
|---|---|---|---|
| FR5N0815-01F | 01 | Initial issue of report | Mar. 17, 2026 |
| FR5N0815-01F | 02 | Revise Page 9, Pages 38-39, Pages 47-48, Pages 145-148, Pages 161-164, Page 186, Page 192, Pages 194-195, Page 199<br>This report is an updated version, replacing the report issued on Mar. 17, 2026. | May 06, 2026 |
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# Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---|---|---|---|---|
| 3.1 | 15.407(e) | 6dB & 26dB Bandwidth | Pass | - |
| 3.1 | 2.1049 | 99% Occupied Bandwidth | Pass | - |
| 3.2 | 15.407(a) | Maximum E.I.R.P Output Power | Pass | - |
| 3.3 | 15.407(a) | Power Spectral Density | Pass | - |
| 3.4 | 15.407(b) | Unwanted Emissions | Pass | - |
| 3.5 | 15.207 | AC Conducted Emission | Pass | - |
| 3.6 | 15.203 | Antenna Requirement | Pass | - |

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: William Chen**

**Report Producer: Aya Yang**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature |
|---|
| **General Specs**<br>GSM/WCDMA/LTE/5G NR/NTN, Bluetooth, BLE, BLE channel sounding, Thread, Wi-Fi 802.11be, NFC, WPC Rx, UWB and GNSS Rx.<br><br>**Antenna Type**<br>WLAN:<br>**<Ant. 3>:** IFA Antenna<br>**<Ant. 4>:** IFA Antenna |

| EUT Information List | |
|---|---|
| **S/N** | **Performed Test Item** |
| 5B111FDDW00016 | RF Conducted Measurement |
| 5B111FDDW0000A | Radiated Spurious Emission |
| 61061FDKX0003L | Conducted Emission |

| Antenna information | | |
|---|---|---|
| **5850 MHz ~ 5895 MHz** | Peak Gain (dBi) | Ant. 3: -4.0<br>Ant. 4: -4.4 |

**Remark:**

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. The correlated antenna gain is provided by the MIMO antenna report using KDB 662911 D01 from manufacturer.

### 1.1.1 Antenna Directional Gain

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

Directional gain = $G_{ANT}$ + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

$G_{ANT}$ is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

*where*

Each antenna is driven by no more than one spatial stream;

$N_{SS}$ = the number of independent spatial streams of data;

$N_{ANT}$ = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the $k$th antenna is being fed by spatial stream $j$, or zero if it is not;

$G_k$ is the gain in dBi of the kth antenna.

As minimum $N_{SS}$=1 is supported by EUT, the formula can be simplified as:

Directional gain = $10*\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi

Where G1, G2….GN denote single antenna gain.

The directional gain "DG" is calculated as following table.

| UNII-4 | Ant 3 (dBi) | Ant 4 (dBi) | DG for Power (dBi) | DG for PSD (dBi) |
|---|---|---|---|---|
| | -4.00 | -4.40 | -4.00 | -1.19 |

Calculation example:

If a device has two antenna, $G_{ANT3}$ = -4.0 dBi; $G_{ANT4}$ = -4.4 dBi

Directional gain of power measurement = max(-4.0, -4.4) + 0 = -4.0 dBi

Directional gain of PSD derived from formula which is

10 x log { { [ 10^ (-4.0 dBi / 20) + 10^ (-4.4 dBi / 20) ] ^ 2 } / 2 }

= -1.19 dBi

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.

## 1.3 Testing Location

| | |
|---|---|
| **Test Site** | Sporton International Inc. Wensan Laboratory |
| **Test Site Location** | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| **Test Site No.** | **Sporton Site No.** |
| | TH05-HY, CO07-HY, 03CH11-HY |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW3786

## 1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2020 + Cor.1-2023

**Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

# 2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Z plane with Adapter as worst plane.

b. AC power line Conducted Emission was tested under maximum output power.

## 2.1 Carrier Frequency and Channel

| Frequency Band | Bandwidth | Channel | Frequency (MHz) | Note |
|---|---|---|---|---|
| 5850-5895 MHz (U-NII-4) | 20 MHz | 169 | 5845 | Straddle |
| | | 173 | 5865 | |
| | | 177 | 5885 | |
| | 40 MHz | 167 | 5835 | Straddle |
| | | 175 | 5875 | |
| | 80 MHz | 171 | 5855 | Straddle |
| | 160 MHz | 163 | 5815 | Straddle |

**Note:** The channel noted with “straddle” spans 5.725-5.850 GHz and 5.850-5.895 GHz.

## 2.2 Test Mode

This device supports WiFi 802.11be 20MHz bandwidth for 2.4GHz and 160MHz bandwidth for both 5GHz and 6GHz.

This device supports both CDD and SDM modes.

For bands other than LPI and VLP, SDM mode is covered by CDD mode due to identical power level.

This device supports 26/52/106/242/484/996 single tone RU modes for 802.11ax/be modes and the 242/484/996-tone RU modes are covered by 20/40/80MHz channels.

This device supports MRU 52T+26T/106T+26T (small RU) and punctured modes 484+242-tone, 996+484+242-tone, and 996+484-tone (large RU) for 802.11be mode.

The PSD of partial RU/MRU modes are reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

The 802.11ax/be modes are investigated among full RU, single RU and MRU modes for emission spot check and the 11ax mode is covered by 11be mode. The PSD and power of partial RU and MRU are less than full RU configurations so the full RU is chosen as main test configuration.

The power of 802.11ac mode are less than 802.11n mode, so all conducted and radiated tests are covered by 802.11n mode.

The power of 802.11ax mode are less than 802.11be mode, so all conducted and radiated tests are covered by 802.11be mode.

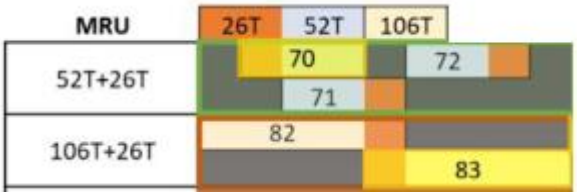
**The final test modes include the worst data rates for each modulation shown in the table below.**

**MIMO Mode**

| Modulation | Data Rate |
|---|---|
| 802.11a | 6 Mbps |
| 802.11n HT20 | MCS0 |
| 802.11n HT40 | MCS0 |
| 802.11ac VHT20 (Covered by HT20) | MCS0 |
| 802.11ac VHT40 (Covered by HT40) | MCS0 |
| 802.11ac VHT80 | MCS0 |
| 802.11ac VHT160 | MCS0 |
| 802.11ax HE20 (Covered by EHT20) | MCS0 |
| 802.11ax HE40 (Covered by EHT40) | MCS0 |
| 802.11ax HE80 (Covered by EHT80) | MCS0 |
| 802.11ax HE160 (Covered by EHT160) | MCS0 |
| 802.11be EHT20 | MCS0 |
| 802.11be EHT40 | MCS0 |
| 802.11be EHT80 | MCS0 |
| 802.11be EHT160 | MCS0 |

**Index of MRU and puncture mode mapping**

**Small MRU**




**Large MRU**

| 484+242-tone MRU | | | |
|---|---|---|---|
| 2 | 1 | 4 | 3 |
| 80MHz puncture 20 | | | |
| 8 | 4 | 2 | 1 |

(High Frequency) ---------- (Low Frequency)

| 996+484+242-tone MRU | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2 | 1 | 4 | 3 | 6 | 5 | 8 | 7 |
| 160MHz puncture 20 | | | | | | | |
| 128 | 64 | 32 | 16 | 8 | 4 | 2 | 1 |

(High Frequency) ---------- (Low Frequency)

| 996+484-tone MRU | | | |
|---|---|---|---|
| 2 | 1 | 4 | 3 |
| 160MHz puncture 40 | | | |
| 192 | 48 | 12 | 3 |

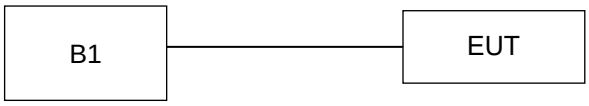
(High Frequency) ---------- (Low Frequency)

**Note:** The RF waveform is identical for large MRU and puncture modes.

| Test Cases | |
|---|---|
| AC Conducted Emission | Mode 1 : WLAN (5GHz) 11a Tx + USB Cable 2 (Charging from AC Adapter) |

**Remark:**
1. For Radiated Test Cases, the tests were performed with USB Cable 2.
2. The detailed Radiated test modes are shown in Appendix C.
3. During the preliminary test, both charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that the adaptor mode is the worst case for official test.
4. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

## 2.3 Connection Diagram of Test System




| Conduction Test Setup | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| No. | Power Source | Connection Type | Test Mode | | | | | | |
| | | | 1 | - | - | - | - | - | - |
| B1 | AC : 120V/60Hz | AC Power Cable | X | - | - | - | - | - | - |

| Radiation Tx Test Setup | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| No. | Power Source | Connection Type | Test Mode | | | | | | |
| | | | 98~122 | - | - | - | - | - | - |
| B1 | AC : 120V/60Hz | AC Power Cable | X | - | - | - | - | - | - |

## 2.4 Support Unit used in test configuration and system

| Item | Equipment | Brand Name | Model Name | FCC ID | Data Cable | Power Cord |
|---|---|---|---|---|---|---|
| 1. | Adapter | N/A | GW8L7 | N/A | N/A | N/A |

## 2.5 EUT Operation Test Setup

The RF test items, utility “BTWIFI_Final_version_240823” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

## 2.6 Measurement Results Explanation Example

**For all conducted test items:**

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

*Offset(dB) = RF cable loss(dB) + attenuator factor(dB).*

= 4.2 + 10 = 14.2 (dB)

# 3 Test Result

## 3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

### 3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

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

26dB and 99% Occupied bandwidth are reporting only.

### 3.1.2 Measuring Instruments

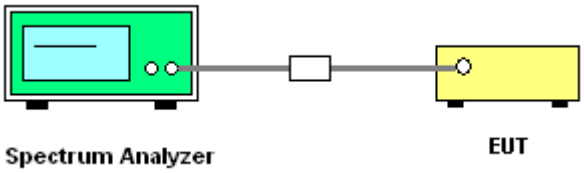
Please refer to the measuring equipment list in this test report.

### 3.1.3 Test Procedures

The testing follows FCC KDB 291074 D02 EMC Measurement v01 Section 2.11 Minimum Emission bandwidth

1. Set RBW = 100 kHz.
2. Set the VBW ≥ 3 x RBW.
3. Detector = Peak.
4. Trace mode = max hold
5. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
6. Measure and record the results in the test report.

### 3.1.4 Test Setup




### 3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

## 3.2 Maximum E.I.R.P Output Power Measurement

### 3.2.1 Limit of Maximum E.I.R.P Output Power

For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

### 3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

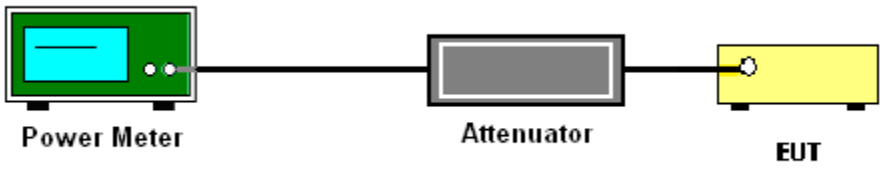
### 3.2.3 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

### 3.2.4 Test Setup




### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

## 3.3 Power Spectral Density Measurement

### 3.3.1 Limit of Power Spectral Density

1. For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band.
2. For client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands shall meet both 15.407(a)(3)(i) 30dBm/500kHz and 15.407(a)(3)(iii) 14dBm/MHz limit, where the stringent limit 14dBm/MHz is applied.
3. For an indoor access point operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands shall meet both 15.407(a)(3)(ii) 36dBm limit, where the stringent limit 20dBm/MHz is applied.

### 3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

**# Method SA-2 #**

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

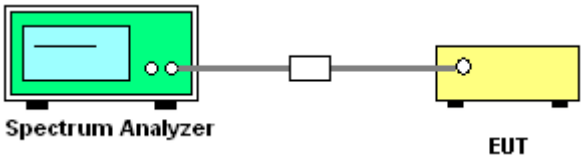
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

   Method (a): Measure and sum the spectra across the outputs.

   The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

### 3.3.4 Test Setup




### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

## 3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

### 3.4.1 Limit of Unwanted Emissions

(1) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as the following table:

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|---|---|---|
| 0.009 – 0.490 | 2400/F(kHz) | 300 |
| 0.490 – 1.705 | 24000/F(kHz) | 30 |
| 1.705 – 30.0 | 30 | 30 |
| 30 – 88 | 100 | 3 |
| 88 – 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

**Note:** The following formula is used to convert the EIRP to field strength.

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

(2) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

15.407(b)(5)(ii), all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of −5 dBm/MHz and shall decrease linearly to an e.i.r.p. of −27 dBm/MHz at or above 5.925 GHz.

All emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

(3) KDB789033 D02 v02r01 G)2)c)

Use guidance in KDB Publication 789033 for all measurements. Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Unwanted band-edge emissions may be measured using the integration method as described in KDB Publication 789033 3. d) (ii). Emissions below 5725 MHz should be measured using peak-detection while emission above 5895 MHz should be measured using average.

| Frequency(GHz) | EIRP (dBm) | Field Strength @3m distance (dBuV/m) | Note |
|---|---|---|---|
| Below 5.65 | -27dBm/MHz | 68.2 | Peak |
| 5.7 | 10dBm/MHz | 105.2 | Peak |
| 5.72 | 15.6dBm/MHz | 110.8 | Peak |
| 5.725 | 27dBm/MHz | 122.2 | Peak |
| 5.895 | -5dBm/MHz | 90.2 | Average |
| 5.895 | 15dBm/MHz | 110.2 | Peak |
| Above 5.925 | -27dBm/MHz | 68.2 | Average |
| Above 5.925 | -7dBm/MHz | 88.2 | Peak |

**Note:** Field strength at 3 m distance is converted to EIRP as the following equation:

EIRP[dBm] = E[dBμV/m]− 95.2

### 3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

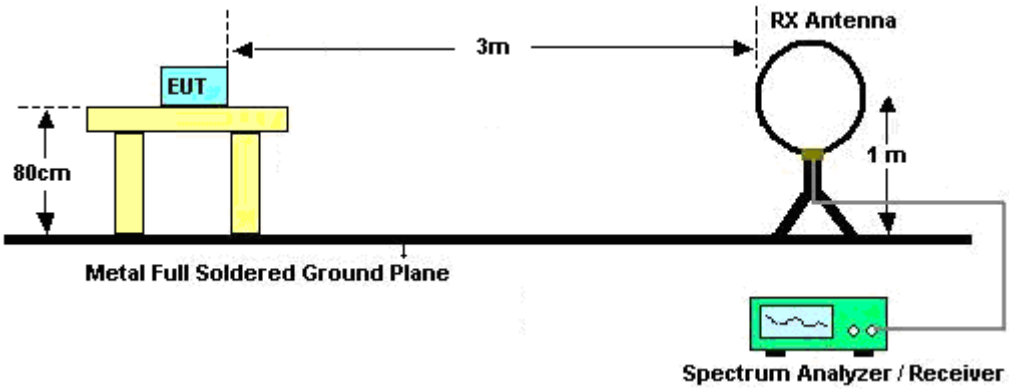
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was placed at distance 3 meter from measurement antenna which was mounted on the top of a variable height antenna tower.

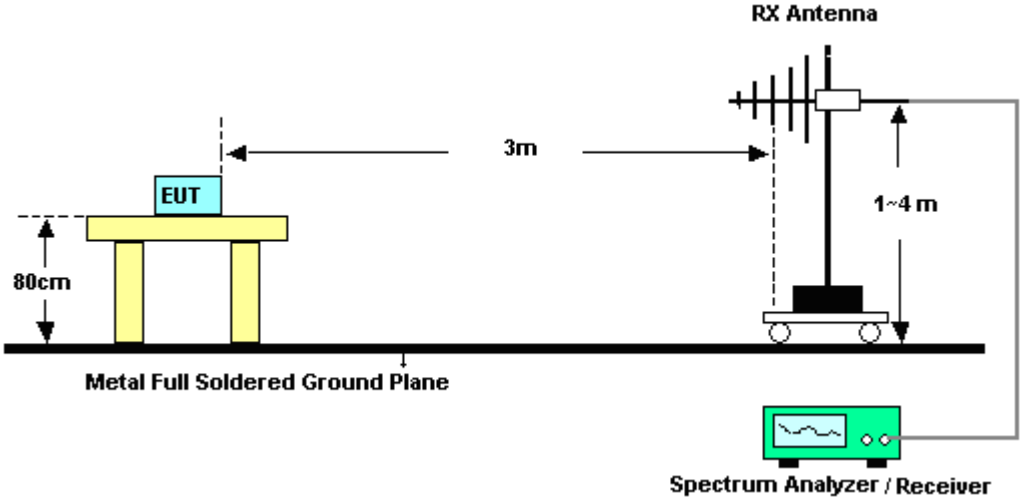
4. The measurement antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0 degree to 360 degree to find the peak maximum hold reading.
   When there is no suspected emission found and the emission level is with at least 6dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0 degree to 360 degree to find the peak maximum hold reading for scanning all frequencies.
   When there is no suspected emission found and the harmonic emission level is with at least 6dB margin against average limit line, the position is marked as "-".

### 3.4.4 Test Setup

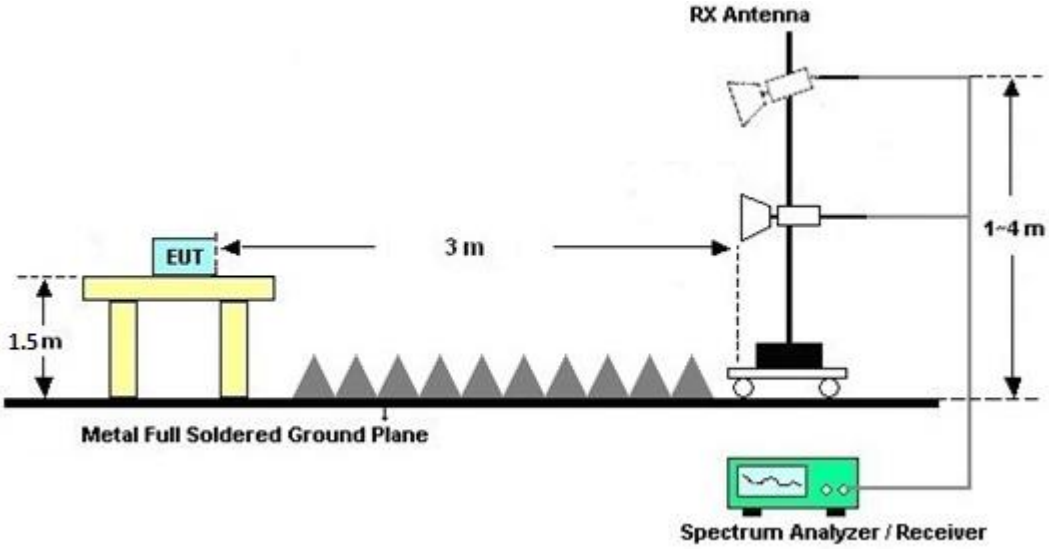
**For radiated emissions below 30MHz**



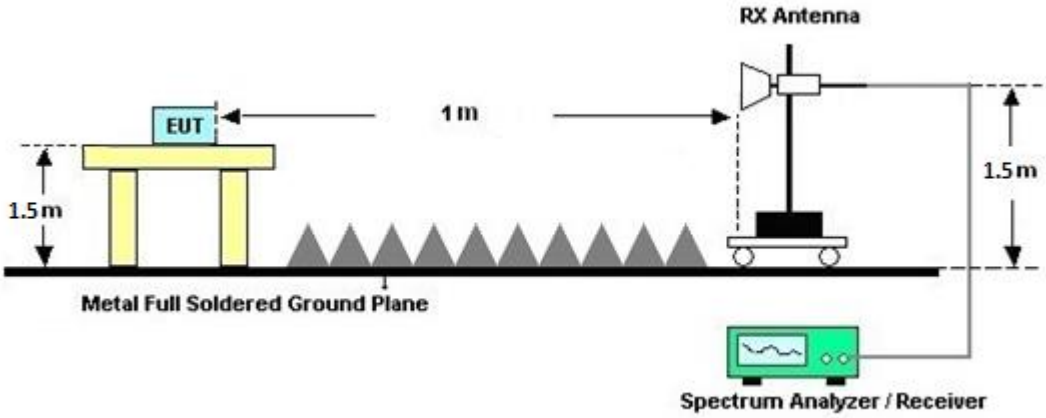
**For radiated emissions from 30MHz to 1GHz**




**For radiated test from 1GHz to 18GHz**




**For radiated test above 18GHz**



### 3.4.5 Test Results of Radiated Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

### 3.4.6 Test Results of Radiated Spurious Emissions (above 18 GHz)

For frequency above 18GHz, the pre-scanned result is 20dB lower than the limit line is not reported.

### 3.4.7 Test Result of Radiated Band Edges

Please refer to Appendix C.

### 3.4.8 Duty Cycle

Please refer to Appendix D.

### 3.4.9 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

## 3.5 AC Conducted Emission Measurement

### 3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

| Frequency of emission (MHz) | Conducted limit (dBμV) | |
|---|---|---|
| | 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.

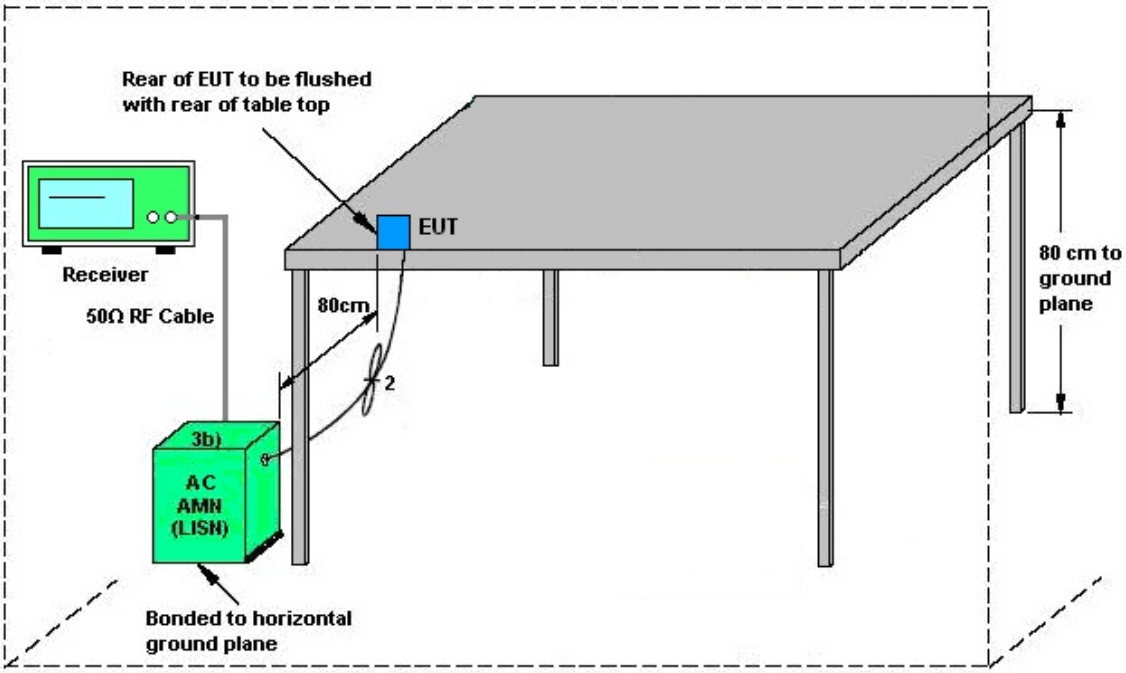
### 3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

### 3.5.4 Test Setup




AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

### 3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

## 3.6 Antenna Requirements

### 3.6.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

### 3.6.2 Antenna Anti-Replacement Construction

b) Unique (non-standard) antenna connector.

(3) Use of a standard connector is also allowed if the connector is within the transmitter enclosure and can only be accessed by disassembly of the transmitter, where such disassembly is not normally required. The user manual must not show that user has access to the connector.

# 4 List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Loop Antenna | Rohde & Schwarz | HFH2-Z2 | 100315 | 9kHz~30MHz | Mar. 06, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Mar. 05, 2026 | Radiation (03CH11-HY) |
| Bilog Antenna with 6dB pad | TESEQ & VGT | CBL 6111D & VFA_Z-04002-N-06 | 66925 & 24006 | 30MHz~1GHz | Feb. 19, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Feb. 18, 2026 | Radiation (03CH11-HY) |
| Double Ridged Guide Horn Antenna | SCHWARZBECK | BBHA 9120 D | 9120D-01620 | 1GHz~18GHz | Sep. 15, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Sep. 14, 2026 | Radiation (03CH11-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK | BBHA 9170 | 1225 | 18GHz~40GHz | Jul. 02, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Jul. 01, 2026 | Radiation (03CH11-HY) |
| Amplifier | SONOMA | 310N | 187312 | 9kHz~1GHz | Dec. 06, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Dec. 05, 2026 | Radiation (03CH11-HY) |
| Preamplifier | Keysight | 83017A | MY53270080 | 1GHz~26.5GHz | Mar. 24, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Mar. 23, 2026 | Radiation (03CH11-HY) |
| Preamplifier | E-INSTRUMENT TECH LTD. | ERA-100M-18G-56-01-A70 | EC1900249 | 1GHz~18GHz | Jan. 21, 2025 | Dec. 09, 2025~ Jan. 19, 2026 | Jan. 20, 2026 | Radiation (03CH11-HY) |
| Preamplifier | E-INSTRUMENT TECH LTD. | ERA-100M-18G-56-01-A70 | EC1900249 | 1GHz~18GHz | Jan. 20, 2026 | Jan. 20, 2026~ Feb. 11, 2026 | Jan. 19, 2027 | Radiation (03CH11-HY) |
| Preamplifier | EMEC | EM18G40G | 060801 | 18GHz~40GHz | May 26, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | May 25, 2026 | Radiation (03CH11-HY) |
| Signal Analyzer | Keysight | N9010A | MY54200486 | 10Hz~44GHz | Oct. 23, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Oct. 22, 2026 | Radiation (03CH11-HY) |
| EMI Test Receiver | Keysight | N9038A(MXE) | MY55420170 | 20MHz~8.4GHz | Jul. 22, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Jul. 21, 2026 | Radiation (03CH11-HY) |
| Hygrometer | TECPEL | DTM-303B | TP200880 | N/A | Aug. 26, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Aug. 25, 2026 | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 804013/2 | 30MHz~40GHz | Mar. 05, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Mar. 04, 2026 | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 803951/2 | 9kHz~30MHz | Mar. 05, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Mar. 04, 2026 | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 803951/2 | 30MHz~40GHz | Mar. 05, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Mar. 04, 2026 | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 805139/2 | 30MHz~40GHz | May 10, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | May 09, 2026 | Radiation (03CH11-HY) |
| Notch Filter | Wainwright | WHKX8-5872.5-6750-18000-40SS | SN3 | 6.75GHz High Pass Filter | Sep. 09, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Sep. 08, 2026 | Radiation (03CH11-HY) |
| Notch Filter | Wainwright | WLK4-1000-1530-8000-40SS | SN11 | 1.53GHz Low Pass Filter | Sep. 09, 2025 | Dec. 09, 2025~ Feb. 11, 2026 | Sep. 08, 2026 | Radiation (03CH11-HY) |

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Controller | EMEC | EM 1000 | N/A | Control Turn table & Ant Mast | N/A | Dec. 09, 2025~ Feb. 11, 2026 | N/A | Radiation (03CH11-HY) |
| Antenna Mast | EMEC | AM-BS-4500-B | N/A | 1~4m | N/A | Dec. 09, 2025~ Feb. 11, 2026 | N/A | Radiation (03CH11-HY) |
| Turn Table | EMEC | TT 2000 | N/A | 0~360 Degree | N/A | Dec. 09, 2025~ Feb. 11, 2026 | N/A | Radiation (03CH11-HY) |
| Software | Audix | E3 | RK-002391 | N/A | N/A | Dec. 09, 2025~ Feb. 11, 2026 | N/A | Radiation (03CH11-HY) |
| Hygrometer | TECPEL | DTM-303A | TP201996 | N/A | Nov. 04, 2025 | Dec. 12, 2025~ Feb. 24, 2026 | Nov. 03, 2026 | Conducted (TH05-HY) |
| Power Sensor | DARE | RPR3006W | 17I00015SNO37 (NO:167) | 10MHz~6GHz | Nov. 14, 2025 | Dec. 12, 2025~ Feb. 24, 2026 | Nov. 13, 2026 | Conducted (TH05-HY) |
| Signal Analyzer | Rohde & Schwarz | FSV40 | 101566 | 10Hz~40GHz | Aug. 29, 2025 | Dec. 12, 2025~ Feb. 24, 2026 | Aug. 28, 2026 | Conducted (TH05-HY) |
| Switch Control Mainframe | E-Instument | ETF-1405-0 | EC1900067 (BOX7) | N/A | Jul. 02, 2025 | Dec. 12, 2025~ Feb. 24, 2026 | Jul. 01, 2026 | Conducted (TH05-HY) |
| Software | Sporton | BTWIFI_Final_version_240513 | N/A | Conducted Other Test Item | N/A | Dec. 12, 2025~ Feb. 24, 2026 | N/A | Conducted (TH05-HY) |
| Pulse Limiter | SCHWARZBECK | VTSD 9561-F N | 9561-F N00373 | 9kHz-200MHz | Oct. 20, 2025 | Feb. 09, 2026~ Feb. 10, 2026 | Oct. 19, 2026 | Conduction (CO07-HY) |
| RF Cable | HUBER + SUHNER | RG 214/U | 1358175 | 9kHz~30MHz | Mar. 03, 2025 | Feb. 09, 2026~ Feb. 10, 2026 | Mar. 02, 2026 | Conduction (CO07-HY) |
| Two-Line V-Network | TESEQ | NNB 51 | 45051 | N/A | Mar. 24, 2025 | Feb. 09, 2026~ Feb. 10, 2026 | Mar. 23, 2026 | Conduction (CO07-HY) |
| EMI Test Receiver | Rohde & Schwarz | ESR3 | 102317 | 9kHz~3.6GHz | Oct. 21, 2025 | Feb. 09, 2026~ Feb. 10, 2026 | Oct. 20, 2026 | Conduction (CO07-HY) |
| AC Power Source | ACPOWER | AFC-11003G | F317040033 | N/A | N/A | Feb. 09, 2026~ Feb. 10, 2026 | N/A | Conduction (CO07-HY) |
| Software | Rohde & Schwarz | EMC32 V10.30 | N/A | N/A | N/A | Feb. 09, 2026~ Feb. 10, 2026 | N/A | Conduction (CO07-HY) |

# 5 Measurement Uncertainty

**Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)**

| | |
|---|---|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 3.7 dB |

**Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)**

| | |
|---|---|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 6.5 dB |

**Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)**

| | |
|---|---|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 4.9 dB |

**Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)**

| | |
|---|---|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.7 dB |

**Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)**

| | |
|---|---|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 4.9 dB |

# Appendix A. Test Result of Conducted Test Items

| Test Engineer: | Howard Tsai | Temperature: | 21~25 | °C |
|---|---|---|---|---|
| Test Date: | 2025/12/12~2026/02/24 | Relative Humidity: | 51~54 | % |

**MIMO <Ant. 3+4>**

***TEST RESULTS DATA***

***6dB and 26dB EBW and 99% OBW***

| UNII-4 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | 6 dB Bandwidth (MHz) | | 6 dB Bandwidth Min Limit (MHz) | Pass /Fail |
| | | | | | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 | | |
| 11a | 6M | 2 | 169 | 5845 | 24.36 | 25.63 | 39.11 | 42.16 | 16.05 | 15.69 | 0.5 | Pass |
| 11a | 6M | 2 | 173 | 5865 | 25.54 | 26.46 | 40.37 | 40.51 | 16.09 | 15.69 | 0.5 | Pass |
| 11a | 6M | 2 | 177 | 5885 | 27.11 | 27.73 | 42.05 | 42.70 | 16.06 | 16.29 | 0.5 | Pass |
| HT20 | MCS0 | 2 | 169 | 5845 | 25.72 | 26.45 | 43.91 | 42.58 | 17.28 | 17.27 | 0.5 | Pass |
| HT20 | MCS0 | 2 | 173 | 5865 | 27.51 | 26.92 | 45.32 | 44.01 | 16.88 | 17.57 | 0.5 | Pass |
| HT20 | MCS0 | 2 | 177 | 5885 | 27.76 | 27.22 | 46.60 | 46.35 | 17.54 | 17.51 | 0.5 | Pass |
| HT40 | MCS0 | 2 | 167 | 5835 | 37.96 | 38.33 | 65.07 | 75.07 | 36.18 | 36.35 | 0.5 | Pass |
| HT40 | MCS0 | 2 | 175 | 5875 | 40.42 | 41.24 | 82.67 | 80.98 | 36.08 | 36.30 | 0.5 | Pass |
| VHT80 | MCS0 | 2 | 171 | 5855 | 76.66 | 76.78 | 141.86 | 153.31 | 75.78 | 75.60 | 0.5 | Pass |
| VHT160 | MCS0 | 2 | 163 | 5815 | 156.83 | 156.96 | 261.94 | 316.37 | 155.46 | 155.90 | 0.5 | Pass |

## TEST RESULTS DATA

## Average Power Table

| UNII-4 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | Average Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | | EIRP Power Limit (dBm) | |
| | | | | | Ant3 | Ant4 | SUM | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 |
| 11a | 6M | 2 | 169 | 5845 | 20.90 | 20.71 | 23.82 | -4.00 | | 19.82 | | 30.00 | |
| 11a | 6M | 2 | 173 | 5865 | 20.79 | 20.89 | 23.85 | -4.00 | | 19.85 | | 30.00 | |
| 11a | 6M | 2 | 177 | 5885 | 20.85 | 20.82 | 23.85 | -4.00 | | 19.85 | | 30.00 | |
| HT20 | MCS0 | 2 | 169 | 5845 | 20.85 | 20.68 | 23.78 | -4.00 | | 19.78 | | 30.00 | |
| HT20 | MCS0 | 2 | 173 | 5865 | 20.92 | 20.80 | 23.87 | -4.00 | | 19.87 | | 30.00 | |
| HT20 | MCS0 | 2 | 177 | 5885 | 20.80 | 20.55 | 23.69 | -4.00 | | 19.69 | | 30.00 | |
| HT40 | MCS0 | 2 | 167 | 5835 | 19.89 | 19.48 | 22.70 | -4.00 | | 18.70 | | 30.00 | |
| HT40 | MCS0 | 2 | 175 | 5875 | 19.92 | 19.84 | 22.89 | -4.00 | | 18.89 | | 30.00 | |
| VHT20 | MCS0 | 2 | 169 | 5845 | 20.67 | 20.37 | 23.53 | -4.00 | | 19.53 | | 30.00 | |
| VHT20 | MCS0 | 2 | 173 | 5865 | 20.45 | 20.44 | 23.46 | -4.00 | | 19.46 | | 30.00 | |
| VHT20 | MCS0 | 2 | 177 | 5885 | 20.61 | 20.30 | 23.47 | -4.00 | | 19.47 | | 30.00 | |
| VHT40 | MCS0 | 2 | 167 | 5835 | 19.43 | 19.12 | 22.29 | -4.00 | | 18.29 | | 30.00 | |
| VHT40 | MCS0 | 2 | 175 | 5875 | 19.39 | 19.42 | 22.42 | -4.00 | | 18.42 | | 30.00 | |
| VHT80 | MCS0 | 2 | 171 | 5855 | 19.55 | 19.59 | 22.58 | -4.00 | | 18.58 | | 30.00 | |
| VHT160 | MCS0 | 2 | 163 | 5815 | 18.03 | 17.36 | 20.72 | -4.00 | | 16.72 | | 30.00 | |

## TEST RESULTS DATA

## Power Spectral Density

| UNII-4 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | Duty Factor (dB) | | Average Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP PSD (dBm/MHz) | | EIRP PSD Limit (dBm/MHz) | | Pass /Fail |
| | | | | | Ant3 | Ant4 | Ant3 | Ant4 | SUM | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 | |
| 11a | 6M | 2 | 169 | 5845 | 0.02 | 0.02 | - | | 13.07 | -1.19 | | 11.88 | | 14.00 | | Pass |
| 11a | 6M | 2 | 173 | 5865 | 0.02 | 0.02 | - | | 13.07 | -1.19 | | 11.88 | | 14.00 | | Pass |
| 11a | 6M | 2 | 177 | 5885 | 0.02 | 0.02 | - | | 13.13 | -1.19 | | 11.94 | | 14.00 | | Pass |
| HT20 | MCS0 | 2 | 169 | 5845 | 0.03 | 0.03 | - | | 12.85 | -1.19 | | 11.66 | | 14.00 | | Pass |
| HT20 | MCS0 | 2 | 173 | 5865 | 0.03 | 0.03 | - | | 12.89 | -1.19 | | 11.70 | | 14.00 | | Pass |
| HT20 | MCS0 | 2 | 177 | 5885 | 0.03 | 0.03 | - | | 12.68 | -1.19 | | 11.49 | | 14.00 | | Pass |
| HT40 | MCS0 | 2 | 167 | 5835 | 0.05 | 0.05 | - | | 8.46 | -1.19 | | 7.27 | | 14.00 | | Pass |
| HT40 | MCS0 | 2 | 175 | 5875 | 0.05 | 0.05 | - | | 8.73 | -1.19 | | 7.54 | | 14.00 | | Pass |
| VHT80 | MCS0 | 2 | 171 | 5855 | 0.10 | 0.10 | - | | 5.50 | -1.19 | | 4.31 | | 14.00 | | Pass |
| VHT160 | MCS0 | 2 | 163 | 5815 | 0.19 | 0.19 | - | | 0.76 | -1.19 | | -0.43 | | 14.00 | | Pass |

## TEST RESULTS DATA

## Average Power Table

| UNII-4 | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | RU Config. | Average Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | | EIRP Power Limit (dBm) | |
| | | | | | | Ant3 | Ant4 | SUM | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 |
| HE20 | MCS0 | 2 | 169 | 5845 | Full | 20.51 | 20.97 | 23.76 | -4.00 | | 19.76 | | 30.00 | |
| HE20 | MCS0 | 2 | 169 | 5845 | 26RU/0 | 11.95 | 12.74 | 15.37 | -4.00 | | 11.37 | | 30.00 | |
| HE20 | MCS0 | 2 | 169 | 5845 | 52RU/37 | 14.90 | 15.92 | 18.45 | -4.00 | | 14.45 | | 30.00 | |
| HE20 | MCS0 | 2 | 169 | 5845 | 106RU/53 | 18.06 | 18.59 | 21.34 | -4.00 | | 17.34 | | 30.00 | |
| HE20 | MCS0 | 2 | 173 | 5865 | Full | 20.54 | 20.47 | 23.52 | -4.00 | | 19.52 | | 30.00 | |
| HE20 | MCS0 | 2 | 173 | 5865 | 26RU/4 | 13.21 | 13.32 | 16.28 | -4.00 | | 12.28 | | 30.00 | |
| HE20 | MCS0 | 2 | 173 | 5865 | 52RU/38 | 14.90 | 15.02 | 17.97 | -4.00 | | 13.97 | | 30.00 | |
| HE20 | MCS0 | 2 | 173 | 5865 | 106RU/53 | 18.34 | 18.18 | 21.27 | -4.00 | | 17.27 | | 30.00 | |
| HE20 | MCS0 | 2 | 177 | 5885 | Full | 20.74 | 20.57 | 23.67 | -4.00 | | 19.67 | | 30.00 | |
| HE20 | MCS0 | 2 | 177 | 5885 | 26RU/8 | 12.25 | 11.93 | 15.10 | -4.00 | | 11.10 | | 30.00 | |
| HE20 | MCS0 | 2 | 177 | 5885 | 52RU/40 | 15.00 | 15.03 | 18.03 | -4.00 | | 14.03 | | 30.00 | |
| HE20 | MCS0 | 2 | 177 | 5885 | 106RU/54 | 18.20 | 17.96 | 21.09 | -4.00 | | 17.09 | | 30.00 | |
| HE40 | MCS0 | 2 | 167 | 5835 | Full | 19.80 | 19.38 | 22.61 | -4.00 | | 18.61 | | 30.00 | |
| HE40 | MCS0 | 2 | 175 | 5875 | Full | 19.39 | 19.31 | 22.36 | -4.00 | | 18.36 | | 30.00 | |
| HE80 | MCS0 | 2 | 171 | 5855 | Full | 19.64 | 19.63 | 22.65 | -4.00 | | 18.65 | | 30.00 | |
| HE160 | MCS0 | 2 | 163 | 5815 | Full | 18.32 | 17.84 | 21.10 | -4.00 | | 17.10 | | 30.00 | |

## TEST RESULTS DATA

## Power Spectral Density

| UNII-4 | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | RU Config. | Duty Factor (dB) | | Average Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP PSD (dBm/MHz) | | EIRP PSD Limit (dBm/MHz) | | Pass /Fail |
| | | | | | | Ant3 | Ant4 | Ant3 | Ant4 | SUM | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 | |
| HE20 | MCS0 | 2 | 169 | 5845 | Full | 0.04 | 0.04 | - | | 12.20 | -1.19 | | 11.01 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 169 | 5845 | 26RU/0 | 0.10 | 0.10 | - | | 11.79 | -1.19 | | 10.60 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 169 | 5845 | 52RU/37 | 0.11 | 0.11 | - | | 12.10 | -1.19 | | 10.91 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 169 | 5845 | 106RU/53 | 0.12 | 0.12 | - | | 12.03 | -1.19 | | 10.84 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 173 | 5865 | Full | 0.04 | 0.04 | - | | 12.06 | -1.19 | | 10.87 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 173 | 5865 | 26RU/4 | 0.10 | 0.10 | - | | 11.80 | -1.19 | | 10.61 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 173 | 5865 | 52RU/38 | 0.11 | 0.11 | - | | 11.74 | -1.19 | | 10.55 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 173 | 5865 | 106RU/53 | 0.12 | 0.12 | - | | 11.90 | -1.19 | | 10.71 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 177 | 5885 | Full | 0.04 | 0.04 | - | | 12.27 | -1.19 | | 11.08 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 177 | 5885 | 26RU/8 | 0.10 | 0.10 | - | | 11.98 | -1.19 | | 10.79 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 177 | 5885 | 52RU/40 | 0.11 | 0.11 | - | | 11.90 | -1.19 | | 10.71 | | 14.00 | | Pass |
| HE20 | MCS0 | 2 | 177 | 5885 | 106RU/54 | 0.12 | 0.12 | - | | 11.75 | -1.19 | | 10.56 | | 14.00 | | Pass |
| HE40 | MCS0 | 2 | 167 | 5835 | Full | 0.07 | 0.07 | - | | 8.40 | -1.19 | | 7.21 | | 14.00 | | Pass |
| HE40 | MCS0 | 2 | 175 | 5875 | Full | 0.07 | 0.07 | - | | 8.12 | -1.19 | | 6.93 | | 14.00 | | Pass |
| HE80 | MCS0 | 2 | 171 | 5855 | Full | 0.12 | 0.12 | - | | 5.47 | -1.19 | | 4.28 | | 14.00 | | Pass |
| HE160 | MCS0 | 2 | 163 | 5815 | Full | 0.21 | 0.21 | - | | 1.32 | -1.19 | | 0.13 | | 14.00 | | Pass |

## TEST RESULTS DATA

## 6dB and 26dB EBW and 99% OBW

| UNII-4 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | 6 dB Bandwidth (MHz) | | 6 dB Bandwidth Min Limit (MHz) | Pass /Fail |
| | | | | | | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 | | |
| EHT20 | MCS0 | 2 | 169 | 5845 | Full | 20.83 | 20.22 | 38.14 | 41.76 | 18.67 | 18.80 | 0.5 | Pass |
| EHT20 | MCS0 | 2 | 173 | 5865 | Full | 25.20 | 26.47 | 43.43 | 47.80 | 18.65 | 18.60 | 0.5 | Pass |
| EHT20 | MCS0 | 2 | 177 | 5885 | Full | 26.89 | 28.19 | 46.82 | 45.28 | 18.78 | 18.25 | 0.5 | Pass |
| EHT40 | MCS0 | 2 | 167 | 5835 | Full | 38.47 | 38.75 | 63.02 | 67.94 | 37.58 | 37.39 | 0.5 | Pass |
| EHT40 | MCS0 | 2 | 175 | 5875 | Full | 38.93 | 39.16 | 70.78 | 70.98 | 37.51 | 37.23 | 0.5 | Pass |
| EHT80 | MCS0 | 2 | 171 | 5855 | Full | 78.08 | 78.25 | 126.72 | 157.47 | 76.74 | 76.48 | 0.5 | Pass |
| EHT160 | MCS0 | 2 | 163 | 5815 | Full | 160.06 | 159.90 | 318.10 | 324.38 | 157.18 | 156.86 | 0.5 | Pass |

## TEST RESULTS DATA

## Average Power Table

| UNII-4 | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | RU Config. | Average Conducted Power (dBm) | | | DG (dBi) | | EIRP Power (dBm) | | EIRP Power Limit (dBm) | |
| | | | | | | Ant3 | Ant4 | SUM | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 |
| EHT20 | MCS0 | 2 | 169 | 5845 | Full | 20.57 | 20.98 | 23.79 | -4.00 | | 19.79 | | 30.00 | |
| EHT20 | MCS0 | 2 | 169 | 5845 | 26RU/0 | 12.03 | 12.76 | 15.42 | -4.00 | | 11.42 | | 30.00 | |
| EHT20 | MCS0 | 2 | 169 | 5845 | 52RU/37 | 14.95 | 15.92 | 18.47 | -4.00 | | 14.47 | | 30.00 | |
| EHT20 | MCS0 | 2 | 169 | 5845 | 106RU/53 | 18.17 | 18.77 | 21.49 | -4.00 | | 17.49 | | 30.00 | |
| EHT20 | MCS0 | 2 | 169 | 5845 | 52T+26T/70 | 16.79 | 17.53 | 20.19 | -4.00 | | 16.19 | | 30.00 | |
| EHT20 | MCS0 | 2 | 169 | 5845 | 106T+26T/82 | 19.15 | 19.63 | 22.41 | -4.00 | | 18.41 | | 30.00 | |
| EHT20 | MCS0 | 2 | 173 | 5865 | Full | 20.92 | 20.86 | 23.90 | -4.00 | | 19.90 | | 30.00 | |
| EHT20 | MCS0 | 2 | 173 | 5865 | 26RU/4 | 13.43 | 13.56 | 16.51 | -4.00 | | 12.51 | | 30.00 | |
| EHT20 | MCS0 | 2 | 173 | 5865 | 52RU/38 | 15.31 | 15.61 | 18.47 | -4.00 | | 14.47 | | 30.00 | |
| EHT20 | MCS0 | 2 | 173 | 5865 | 106RU/53 | 18.45 | 18.54 | 21.51 | -4.00 | | 17.51 | | 30.00 | |
| EHT20 | MCS0 | 2 | 173 | 5865 | 52T+26T/71 | 17.35 | 17.41 | 20.39 | -4.00 | | 16.39 | | 30.00 | |
| EHT20 | MCS0 | 2 | 173 | 5865 | 106T+26T/83 | 19.82 | 19.84 | 22.84 | -4.00 | | 18.84 | | 30.00 | |
| EHT20 | MCS0 | 2 | 177 | 5885 | Full | 20.99 | 20.79 | 23.90 | -4.00 | | 19.90 | | 30.00 | |
| EHT20 | MCS0 | 2 | 177 | 5885 | 26RU/8 | 12.35 | 12.24 | 15.31 | -4.00 | | 11.31 | | 30.00 | |
| EHT20 | MCS0 | 2 | 177 | 5885 | 52RU/40 | 15.73 | 15.36 | 18.56 | -4.00 | | 14.56 | | 30.00 | |
| EHT20 | MCS0 | 2 | 177 | 5885 | 106RU/54 | 18.31 | 18.25 | 21.29 | -4.00 | | 17.29 | | 30.00 | |
| EHT20 | MCS0 | 2 | 177 | 5885 | 52T+26T/72 | 17.57 | 17.42 | 20.51 | -4.00 | | 16.51 | | 30.00 | |
| EHT20 | MCS0 | 2 | 177 | 5885 | 106T+26T/83 | 19.86 | 19.75 | 22.82 | -4.00 | | 18.82 | | 30.00 | |
| EHT40 | MCS0 | 2 | 167 | 5835 | Full | 19.81 | 19.54 | 22.69 | -4.00 | | 18.69 | | 30.00 | |
| EHT40 | MCS0 | 2 | 175 | 5875 | Full | 19.70 | 19.86 | 22.79 | -4.00 | | 18.79 | | 30.00 | |
| EHT80 | MCS0 | 2 | 171 | 5855 | Full | 19.85 | 20.00 | 22.94 | -4.00 | | 18.94 | | 30.00 | |
| EHT80 | MCS0 | 2 | 171 | 5855 | Puncture20 /1 | 18.89 | 19.37 | 22.15 | -4.00 | | 18.15 | | 30.00 | |
| EHT160 | MCS0 | 2 | 163 | 5815 | Full | 18.50 | 18.21 | 21.37 | -4.00 | | 17.37 | | 30.00 | |
| EHT160 | MCS0 | 2 | 163 | 5815 | Puncture20 /1 | 18.45 | 18.20 | 21.34 | -4.00 | | 17.34 | | 30.00 | |
| EHT160 | MCS0 | 2 | 163 | 5815 | Puncture40 /3 | 18.00 | 17.60 | 20.81 | -4.00 | | 16.81 | | 30.00 | |

## TEST RESULTS DATA

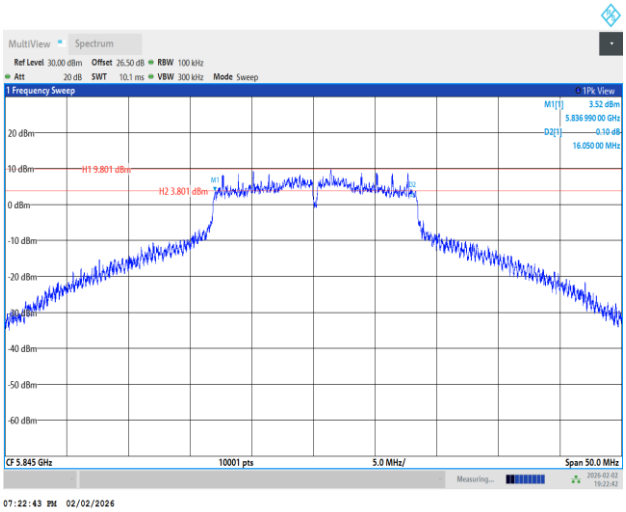
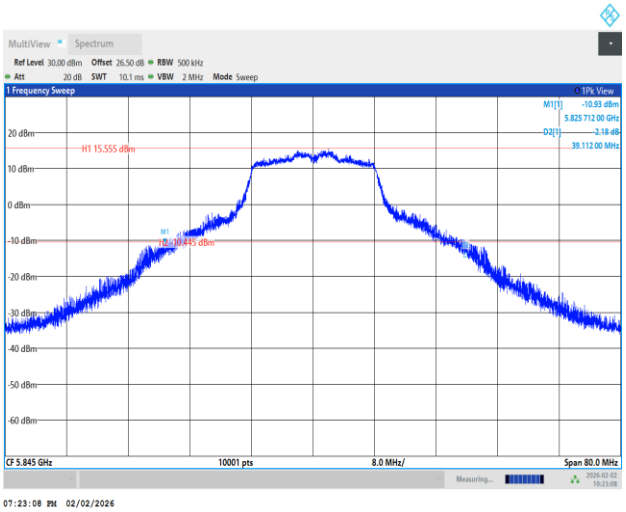
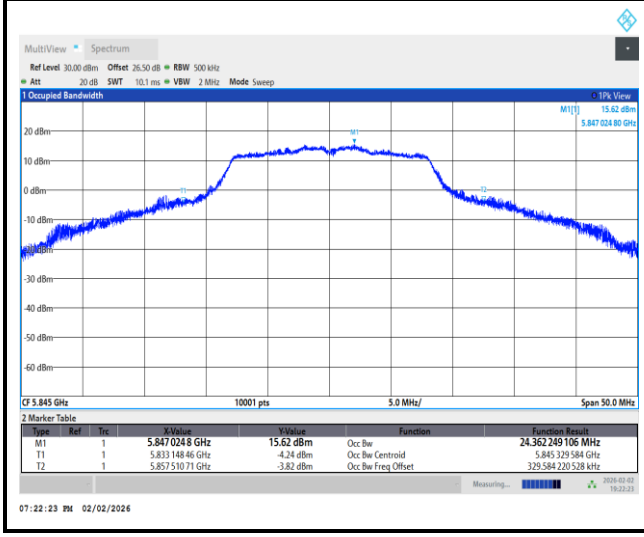
## Power Spectral Density

| UNII-4 | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq (MHz) | RU Config. | Duty Factor (dB) | | Average Power Density with Duty Factor (dBm/MHz) | | | DG (dBi) | | EIRP PSD (dBm/MHz) | | EIRP PSD Limit (dBm/MHz) | | Pass /Fail |
| | | | | | | Ant3 | Ant4 | Ant3 | Ant4 | SUM | Ant3 | Ant4 | Ant3 | Ant4 | Ant3 | Ant4 | |
| EHT20 | MCS0 | 2 | 169 | 5845 | Full | 0.04 | 0.04 | - | | 12.26 | -1.19 | | 11.07 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 169 | 5845 | 26RU/0 | 0.10 | 0.10 | - | | 11.80 | -1.19 | | 10.61 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 169 | 5845 | 52RU/37 | 0.11 | 0.11 | - | | 11.98 | -1.19 | | 10.79 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 169 | 5845 | 106RU/53 | 0.12 | 0.12 | - | | 12.18 | -1.19 | | 10.99 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 169 | 5845 | 52T+26T/70 | 0.05 | 0.05 | - | | 11.96 | -1.19 | | 10.77 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 169 | 5845 | 106T+26T/82 | 0.08 | 0.08 | - | | 12.07 | -1.19 | | 10.88 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 173 | 5865 | Full | 0.04 | 0.04 | - | | 12.50 | -1.19 | | 11.31 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 173 | 5865 | 26RU/4 | 0.10 | 0.10 | - | | 12.04 | -1.19 | | 10.85 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 173 | 5865 | 52RU/38 | 0.11 | 0.11 | - | | 12.12 | -1.19 | | 10.93 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 173 | 5865 | 106RU/53 | 0.12 | 0.12 | - | | 12.10 | -1.19 | | 10.91 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 173 | 5865 | 52T+26T/71 | 0.05 | 0.05 | - | | 12.34 | -1.19 | | 11.15 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 173 | 5865 | 106T+26T/83 | 0.08 | 0.08 | - | | 12.49 | -1.19 | | 11.30 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 177 | 5885 | Full | 0.04 | 0.04 | - | | 12.51 | -1.19 | | 11.32 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 177 | 5885 | 26RU/8 | 0.10 | 0.10 | - | | 12.08 | -1.19 | | 10.89 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 177 | 5885 | 52RU/40 | 0.11 | 0.11 | - | | 12.37 | -1.19 | | 11.18 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 177 | 5885 | 106RU/54 | 0.12 | 0.12 | - | | 12.12 | -1.19 | | 10.93 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 177 | 5885 | 52T+26T/72 | 0.05 | 0.05 | - | | 12.41 | -1.19 | | 11.22 | | 14.00 | | Pass |
| EHT20 | MCS0 | 2 | 177 | 5885 | 106T+26T/83 | 0.08 | 0.08 | - | | 12.50 | -1.19 | | 11.31 | | 14.00 | | Pass |
| EHT40 | MCS0 | 2 | 167 | 5835 | Full | 0.07 | 0.07 | - | | 8.32 | -1.19 | | 7.13 | | 14.00 | | Pass |
| EHT40 | MCS0 | 2 | 175 | 5875 | Full | 0.07 | 0.07 | - | | 8.54 | -1.19 | | 7.35 | | 14.00 | | Pass |
| EHT80 | MCS0 | 2 | 171 | 5855 | Full | 0.12 | 0.12 | - | | 5.87 | -1.19 | | 4.68 | | 14.00 | | Pass |
| EHT80 | MCS0 | 2 | 171 | 5855 | Puncture20 /1 | 0.09 | 0.09 | - | | 5.68 | -1.19 | | 4.49 | | 14.00 | | Pass |
| EHT160 | MCS0 | 2 | 163 | 5815 | Full | 0.21 | 0.21 | - | | 1.44 | -1.19 | | 0.25 | | 14.00 | | Pass |
| EHT160 | MCS0 | 2 | 163 | 5815 | Puncture20 /1 | 0.18 | 0.18 | - | | 0.93 | -1.19 | | -0.26 | | 14.00 | | Pass |
| EHT160 | MCS0 | 2 | 163 | 5815 | Puncture40 /3 | 0.17 | 0.17 | - | | 1.31 | -1.19 | | 0.12 | | 14.00 | | Pass |

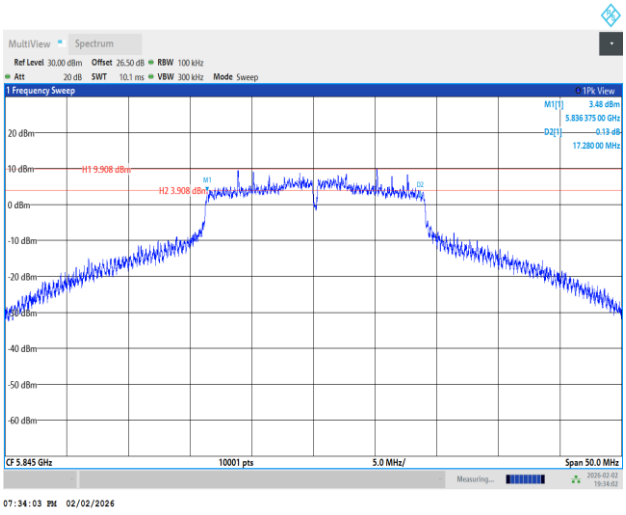
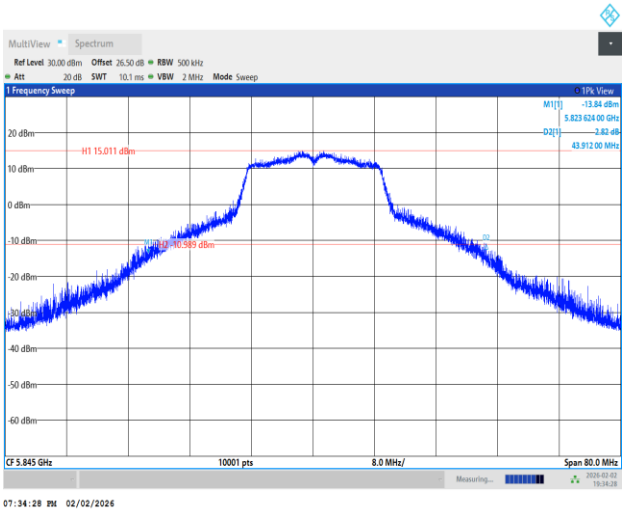
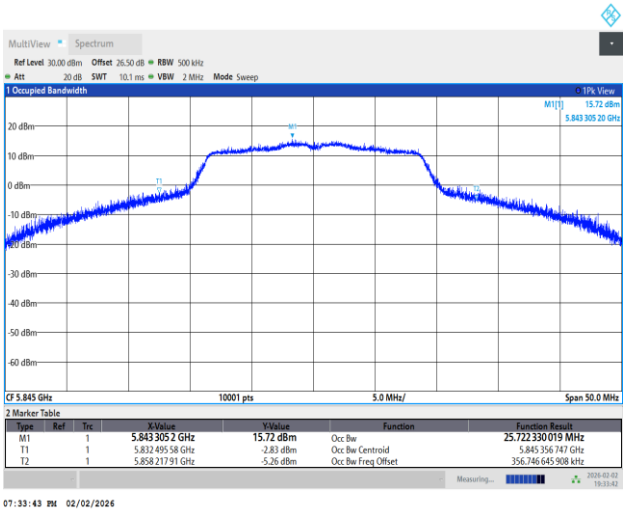
# Test Result of 6dB and 26dB and 99% Occupied Bandwidth

**MIMO <Ant. 3+4>**

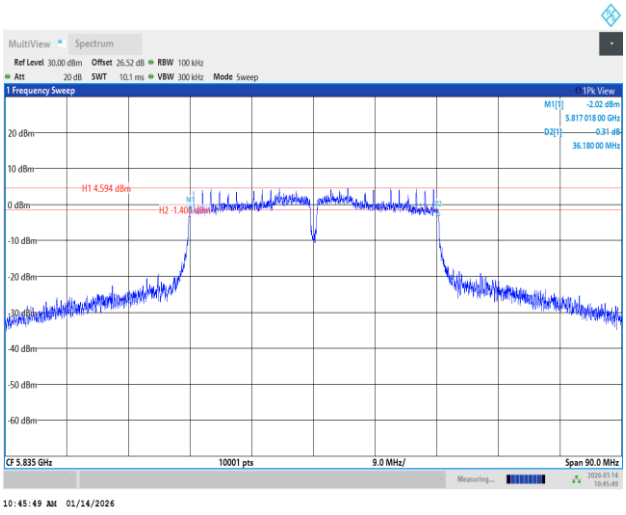
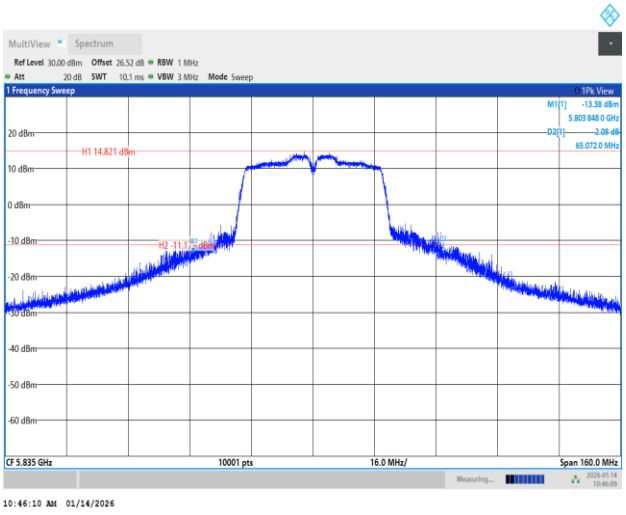
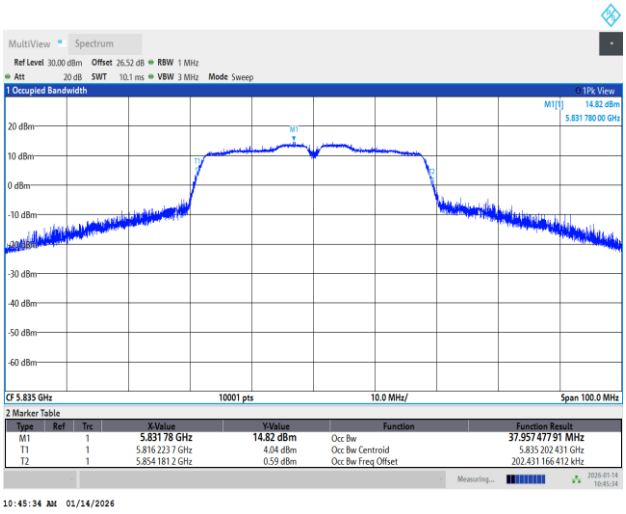
**<802.11a>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

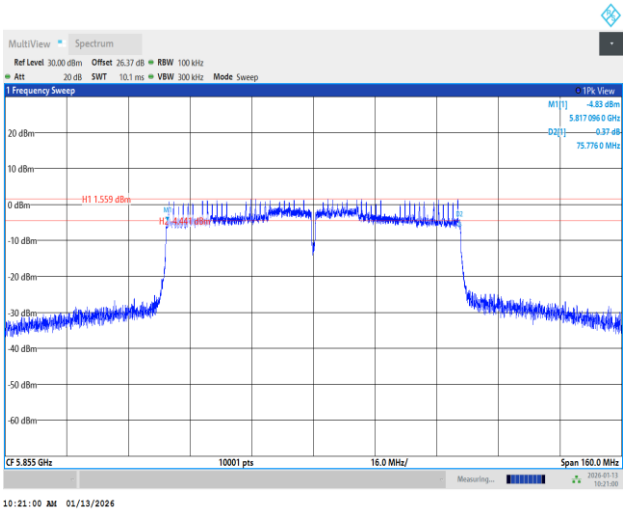
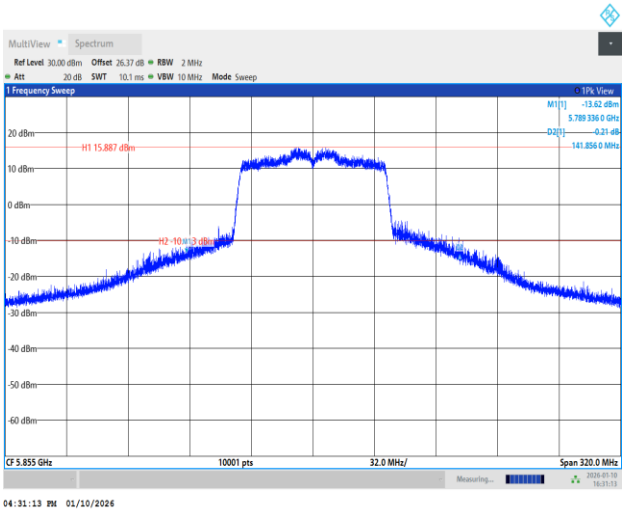
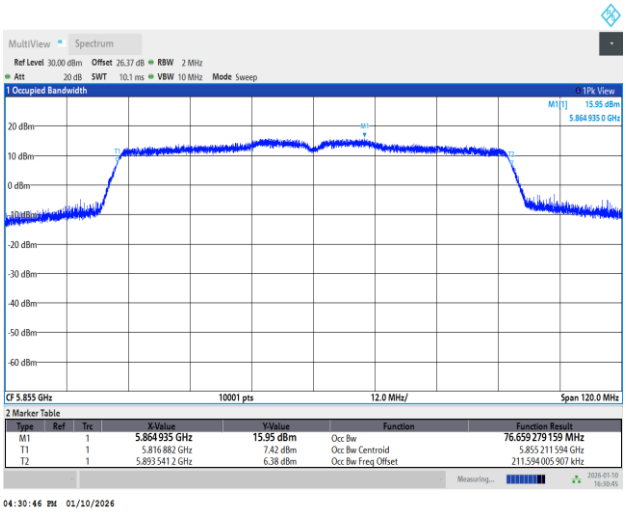
**<802.11n HT20>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

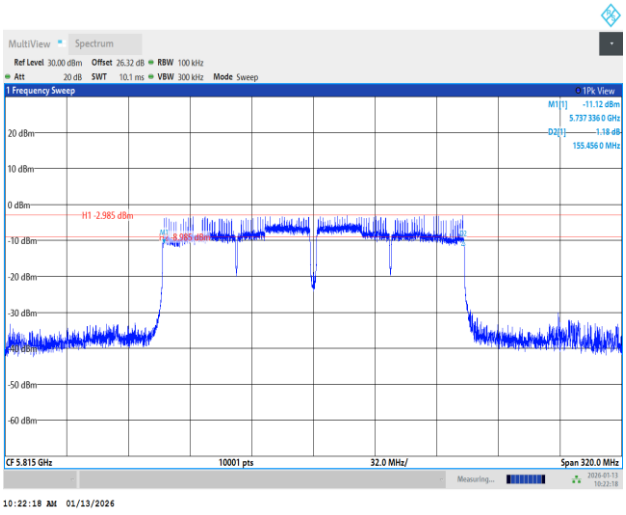
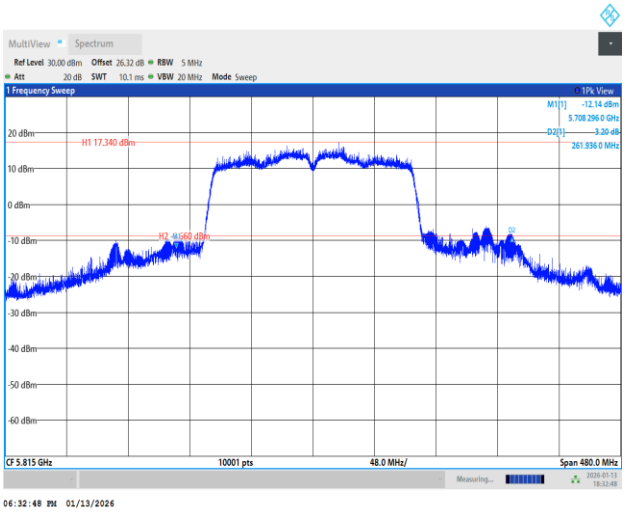
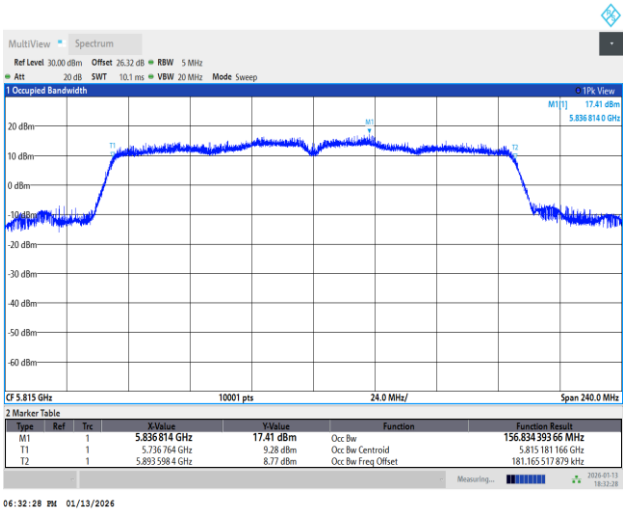
**<802.11n HT40>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

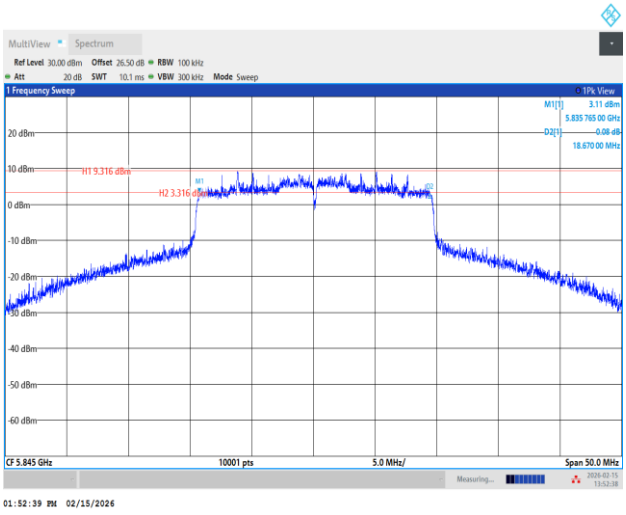
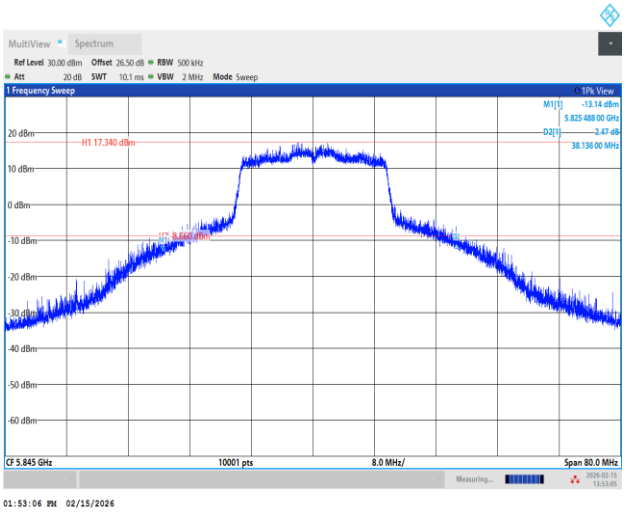
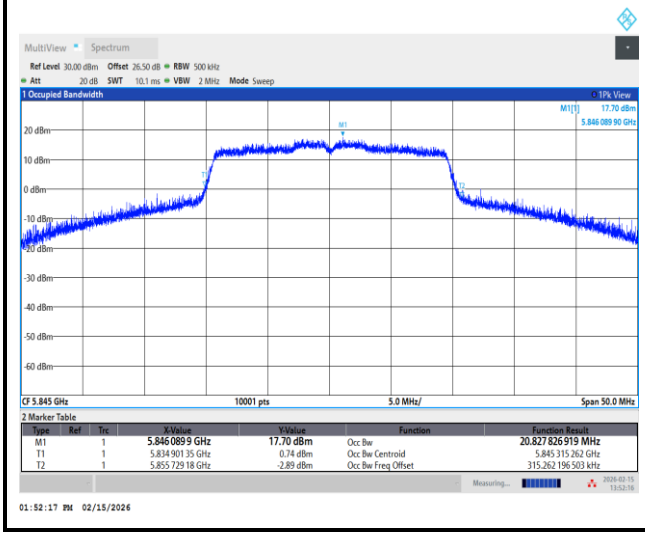
**<802.11ac VHT80>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

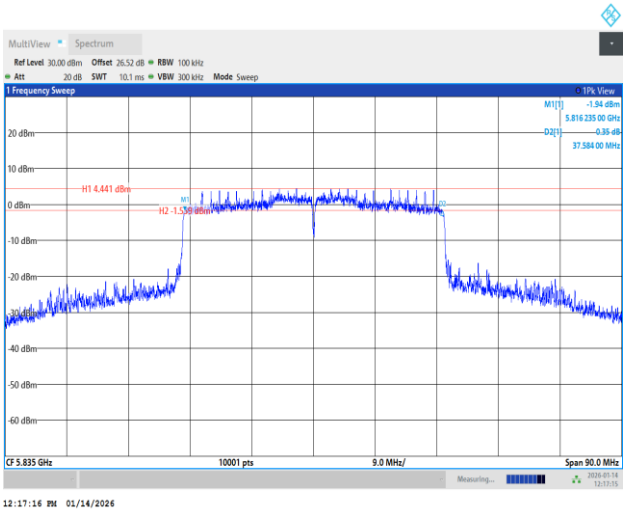
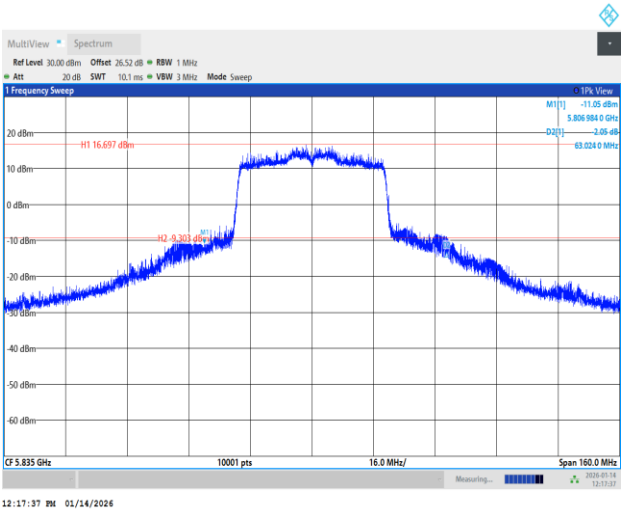
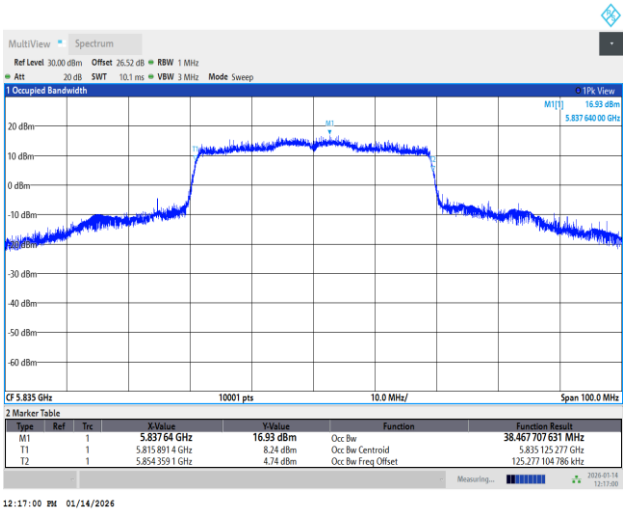
**<802.11ac VHT160>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

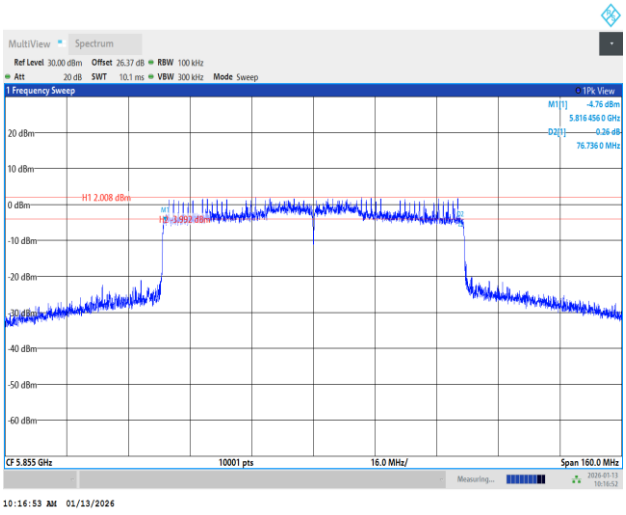
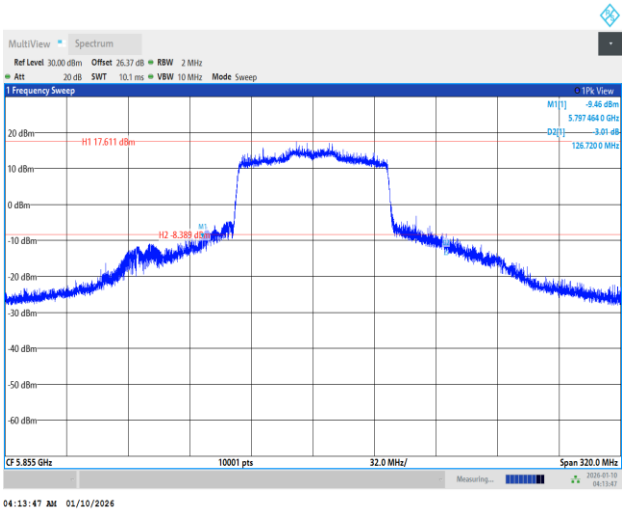
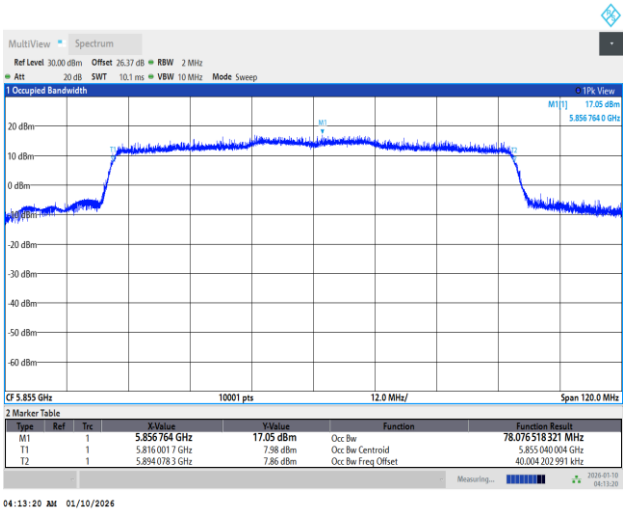
**<802.11be EHT20>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

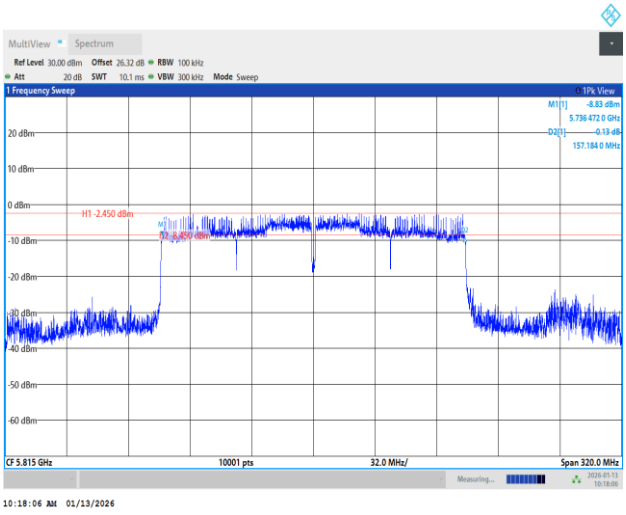
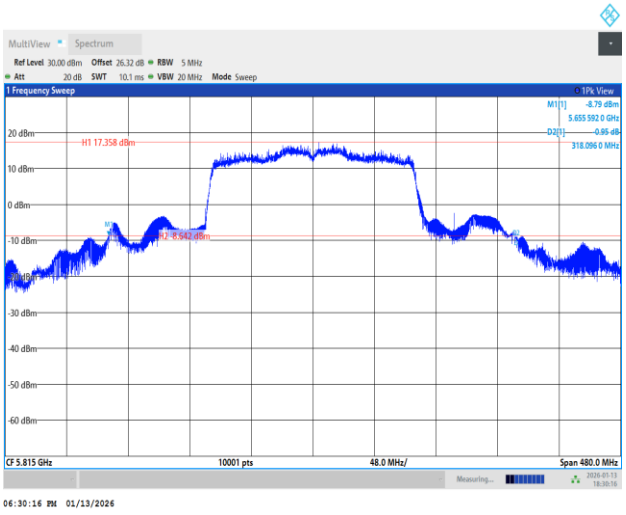
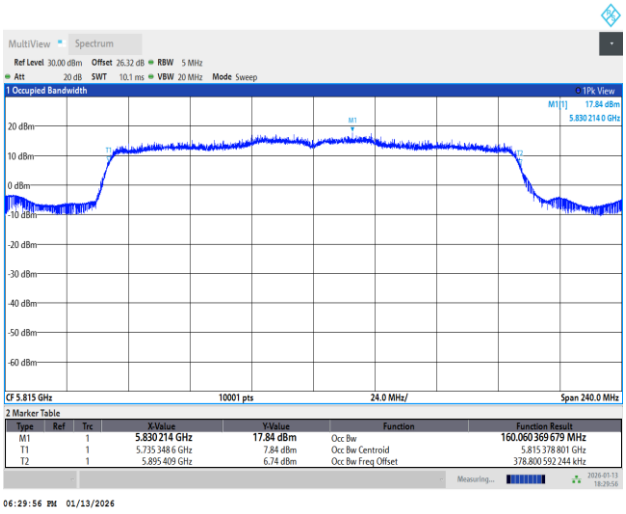
**<802.11be EHT40>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

**<802.11be EHT80>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

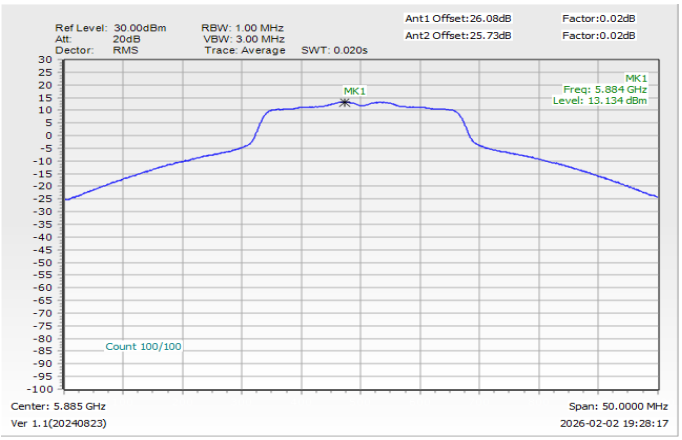
**<802.11be EHT160>**

| 6dB Bandwidth | 26dB Bandwidth |
|---|---|
|  |  |
| **99% Occupied Bandwidth** | **N/A** |
|  | |

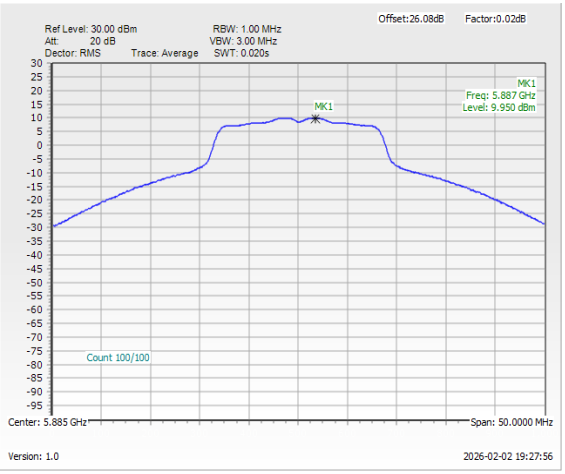
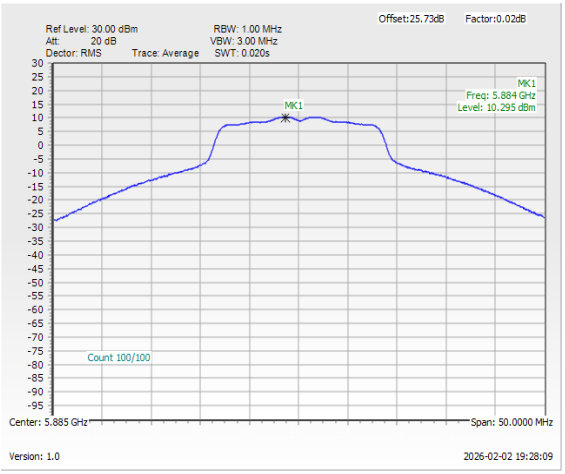
## Test Result of Power Spectral Density

**<802.11a>**

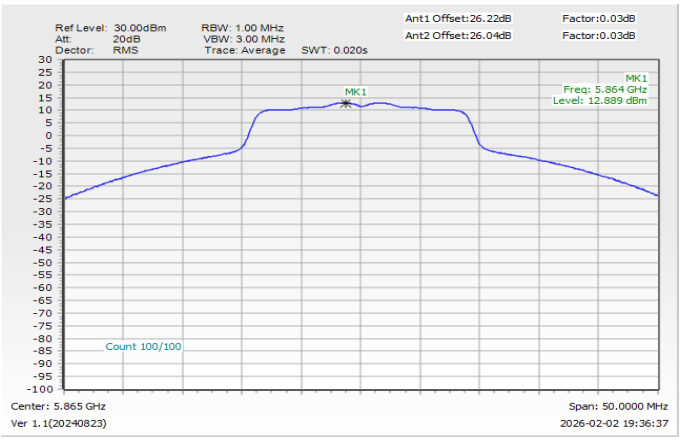
**Maximum Power Density Plot (dBm/MHz)**




**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

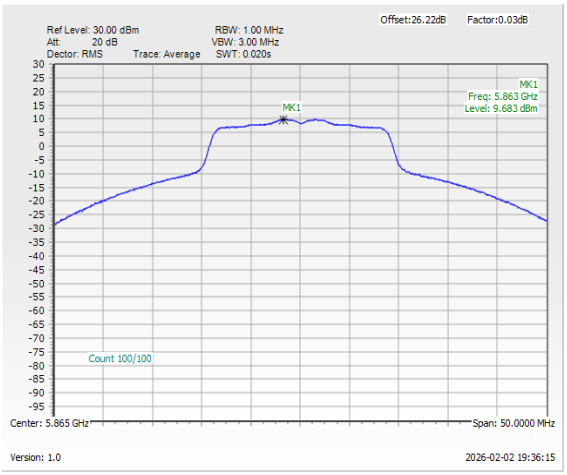
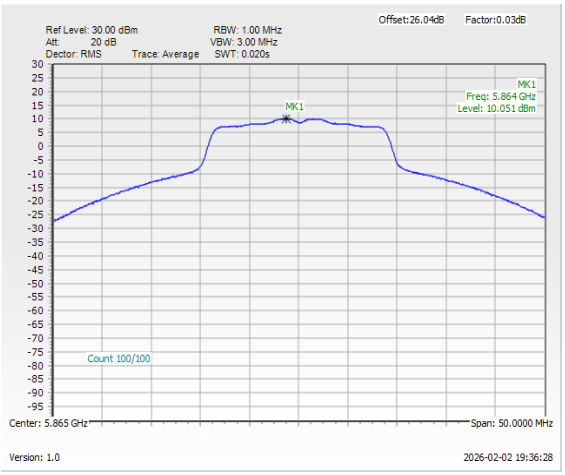
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11n HT20>**

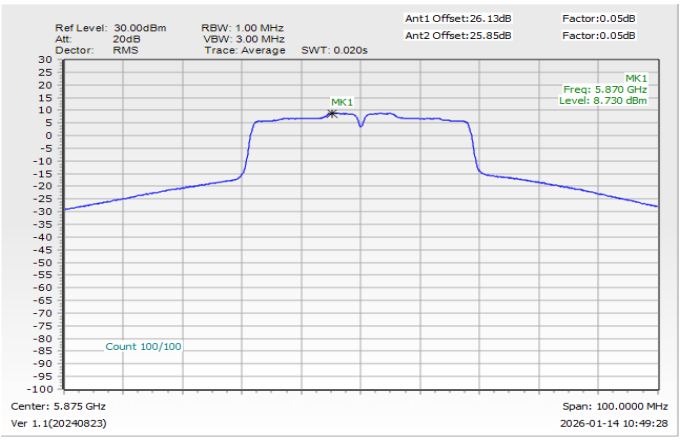
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

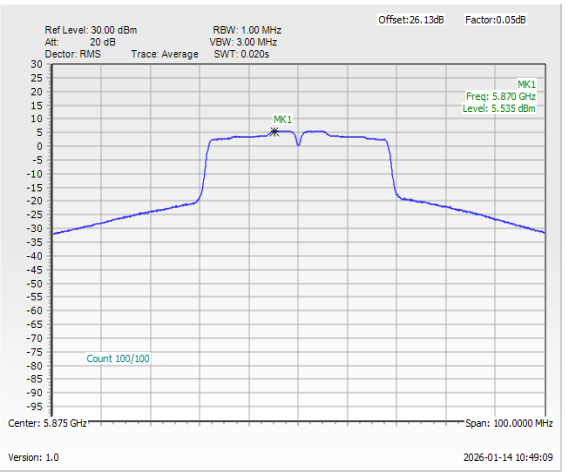
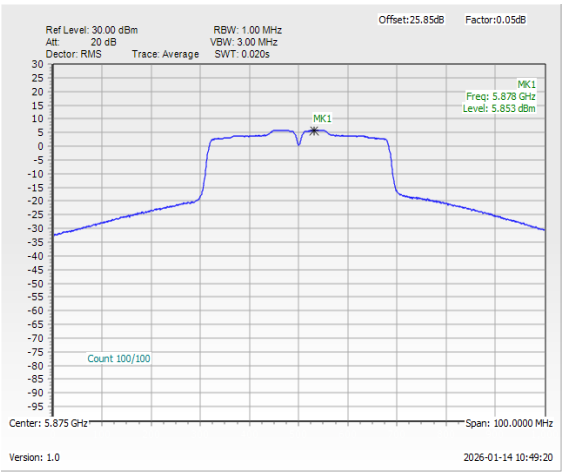
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11n HT40>**

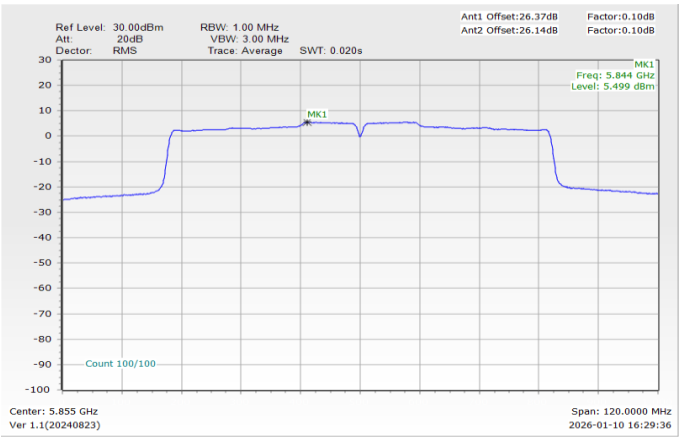
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

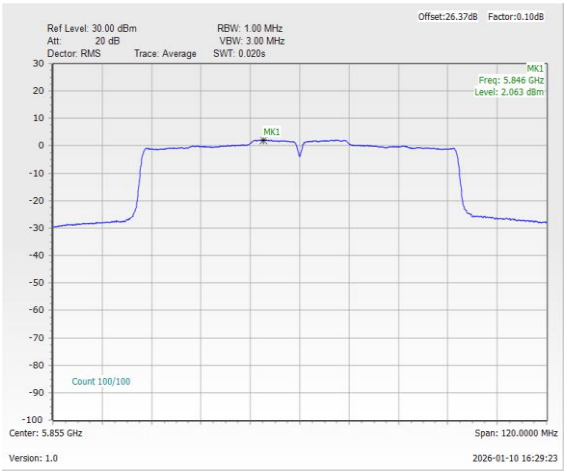
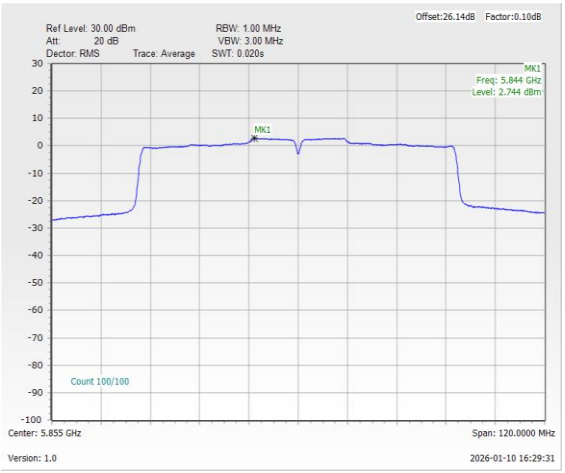
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11ac VHT80>**

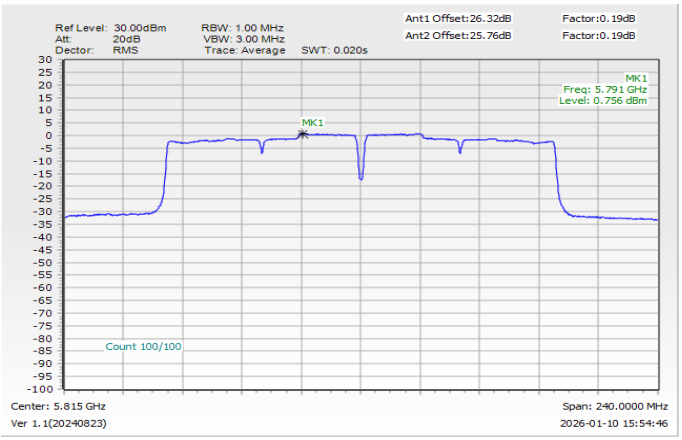
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

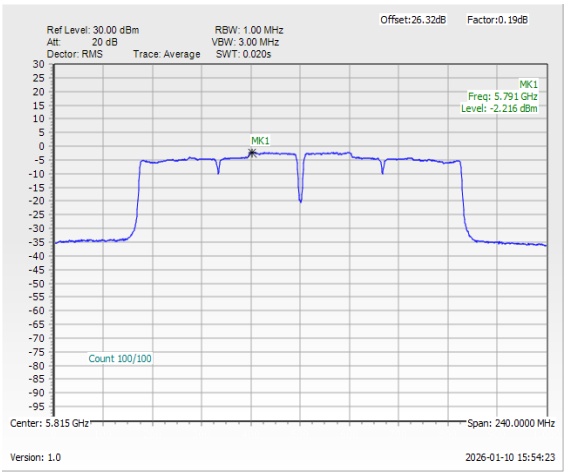
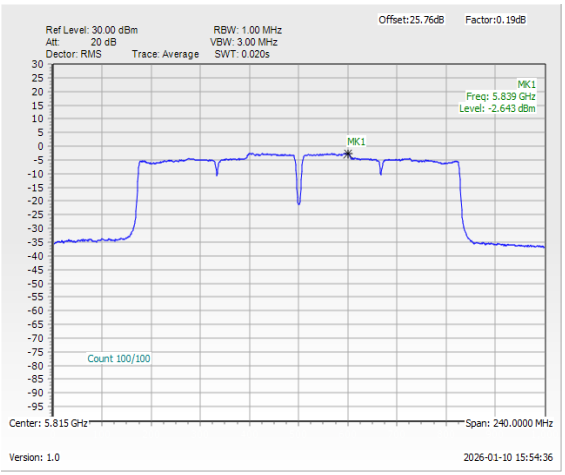
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11ac VHT160>**

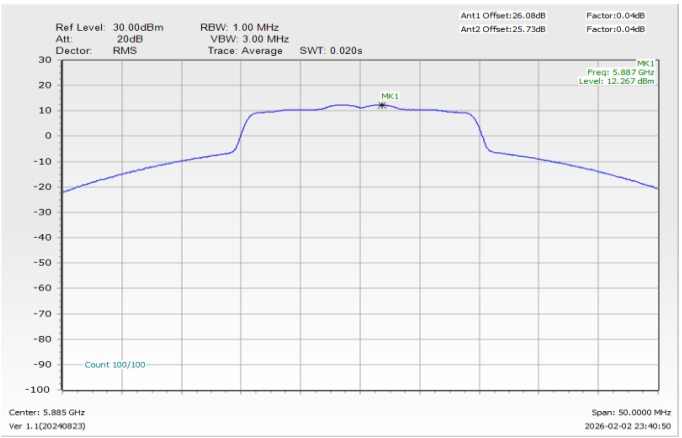
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

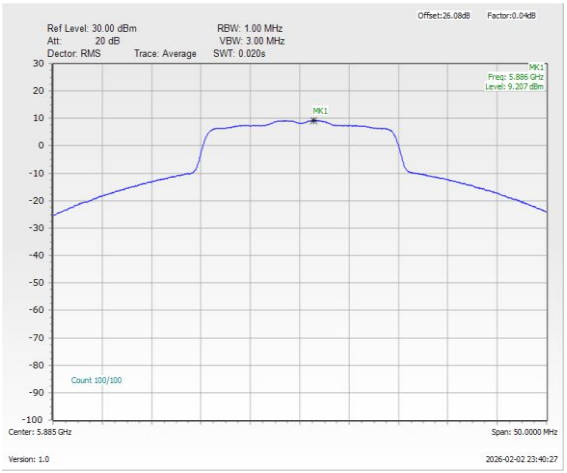
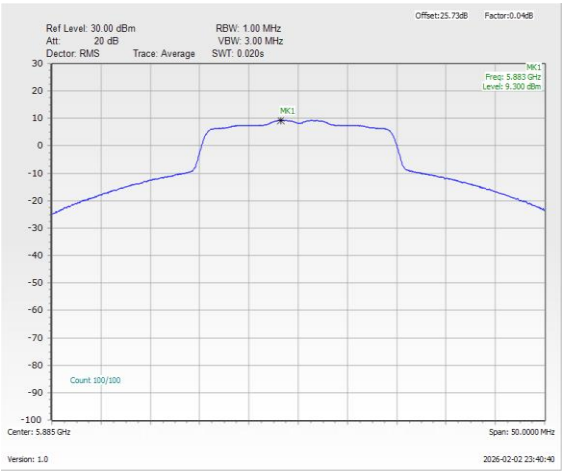
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11ax HE20>**

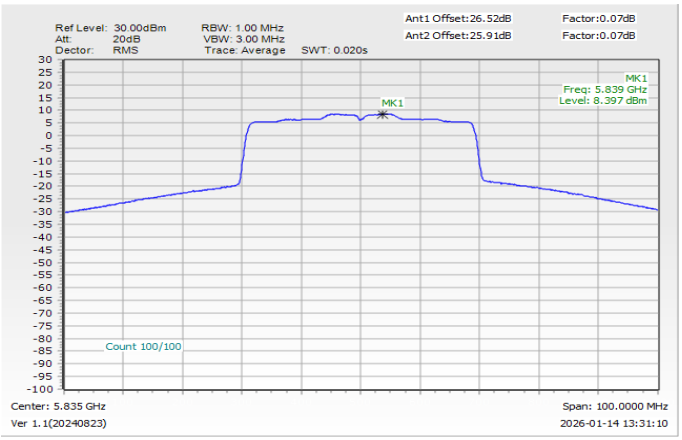
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

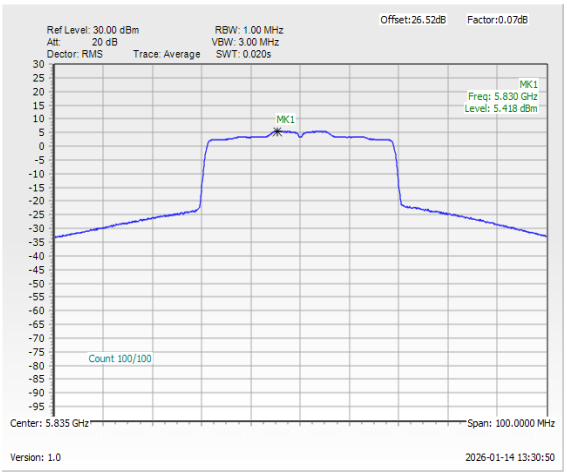
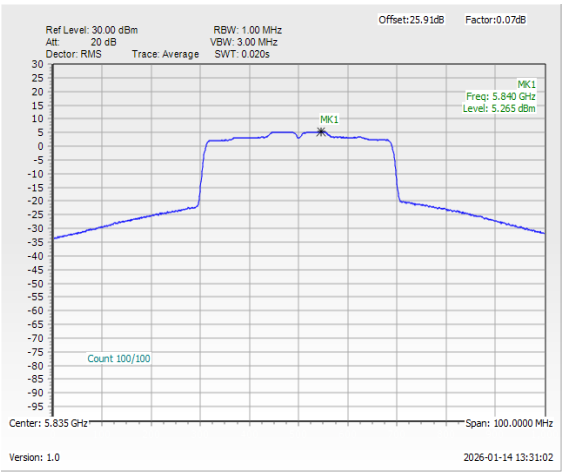
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11ax HE40>**

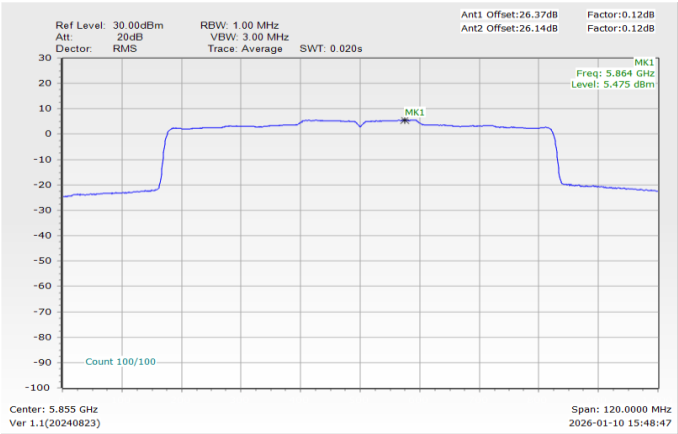
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

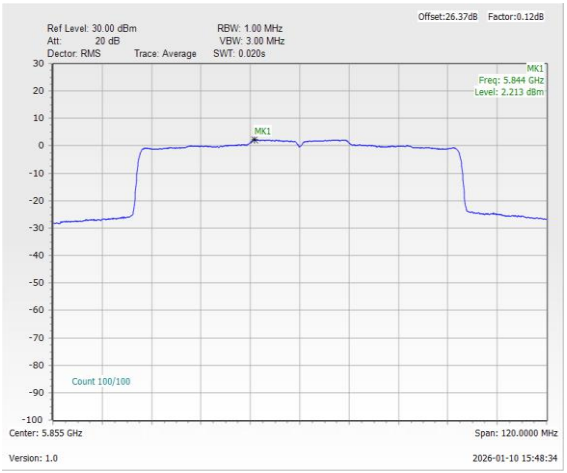
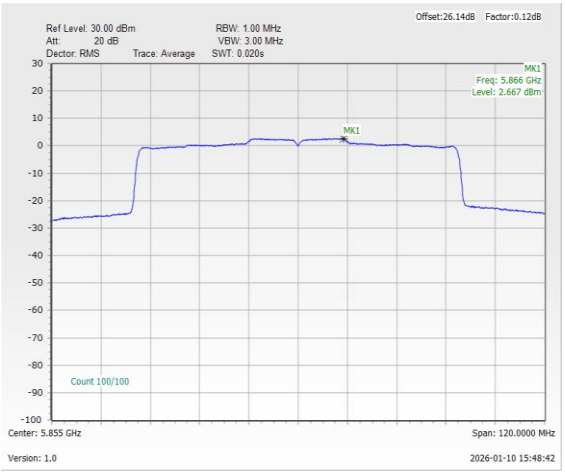
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11ax HE80>**

| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |

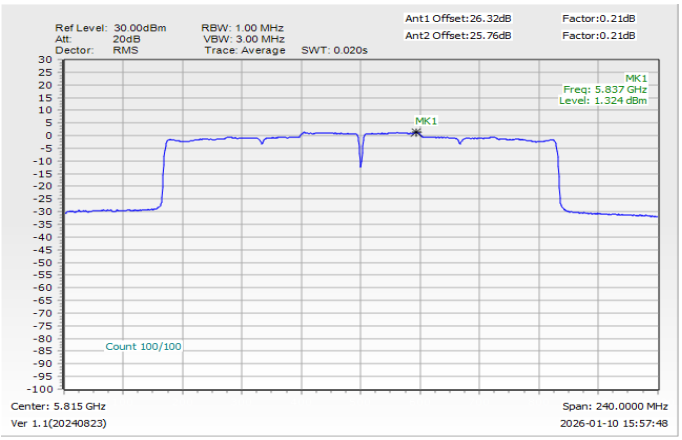


**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

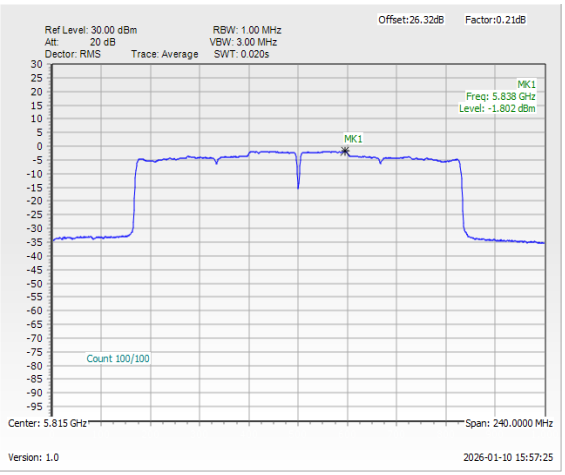
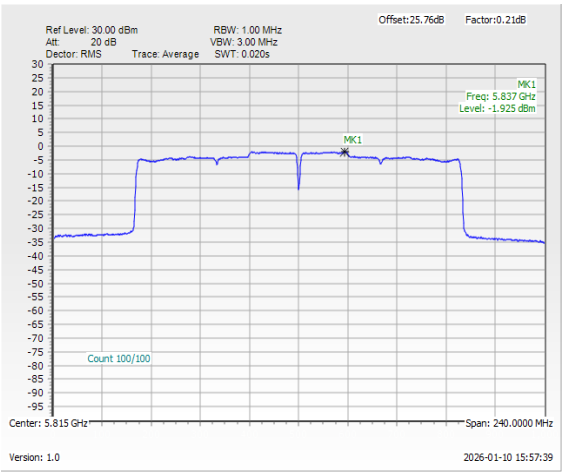
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11ax HE160>**

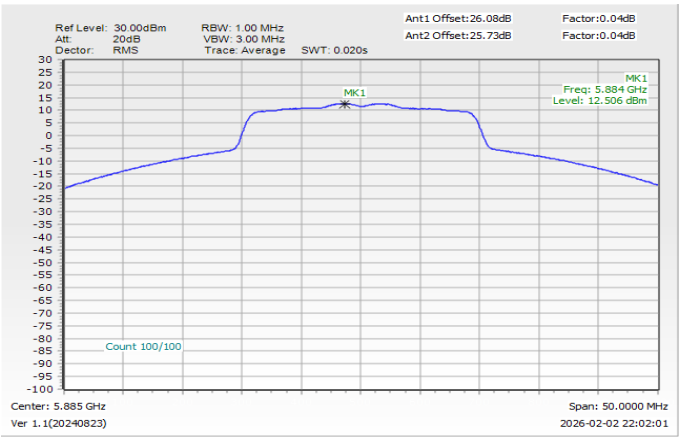
**Maximum Power Density Plot (dBm/MHz)**




**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

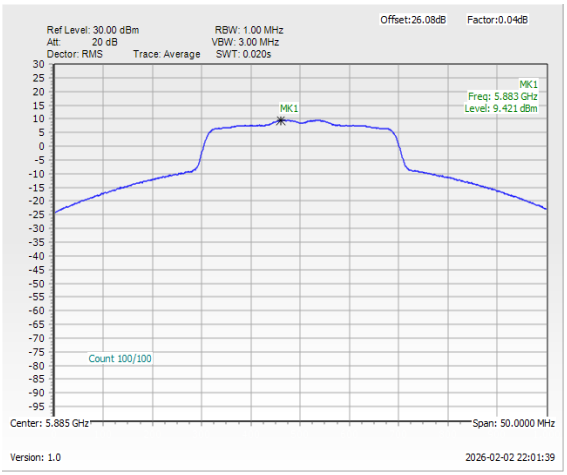
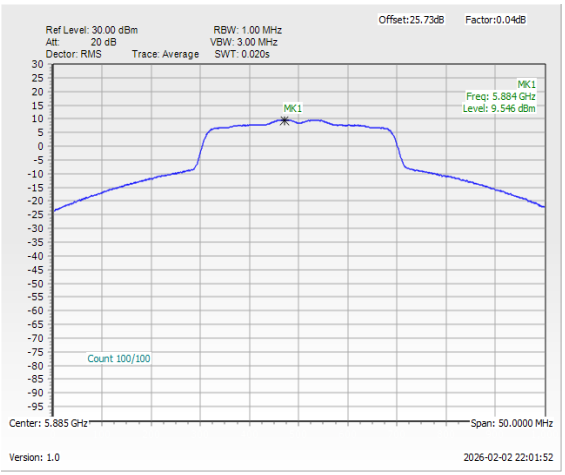
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11be EHT20>**

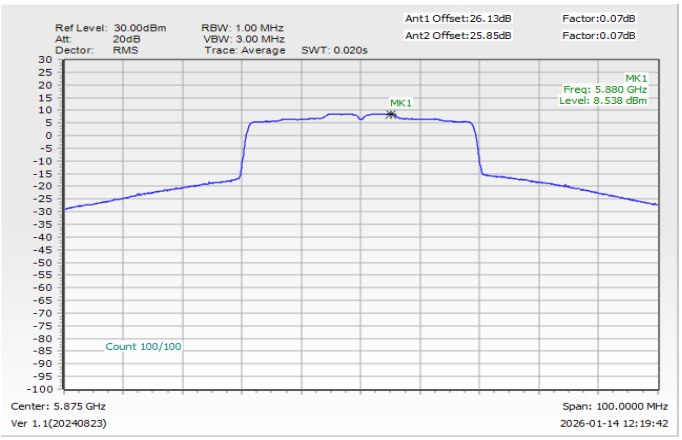
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

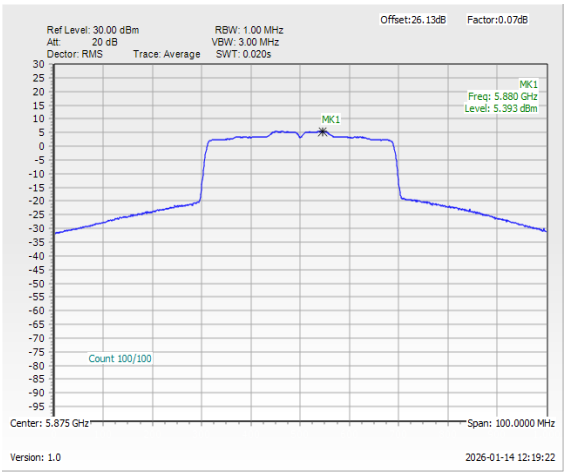
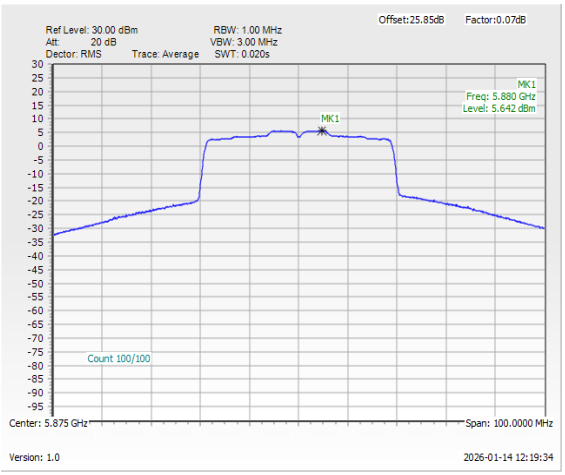
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11be EHT40>**

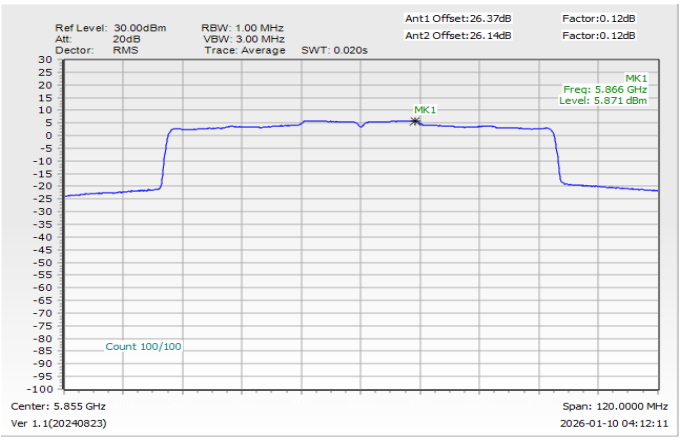
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

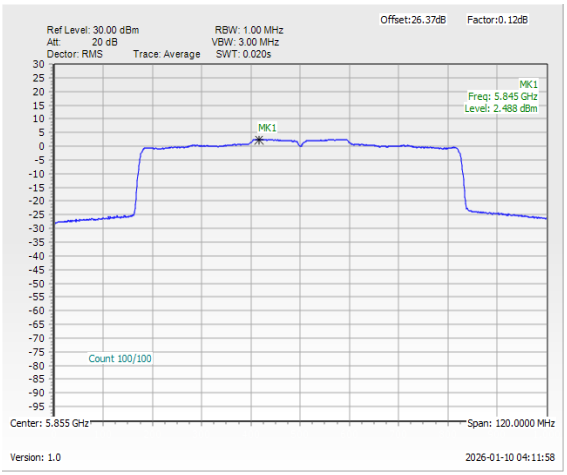
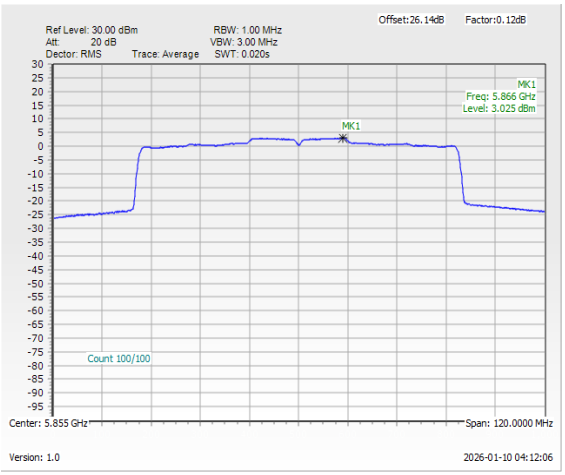
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11be EHT80>**

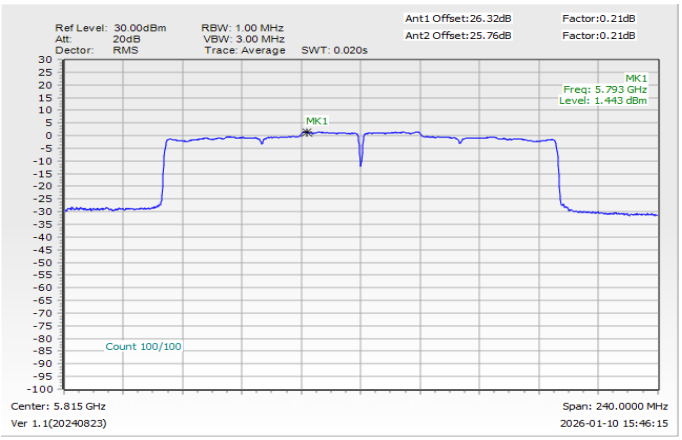
| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

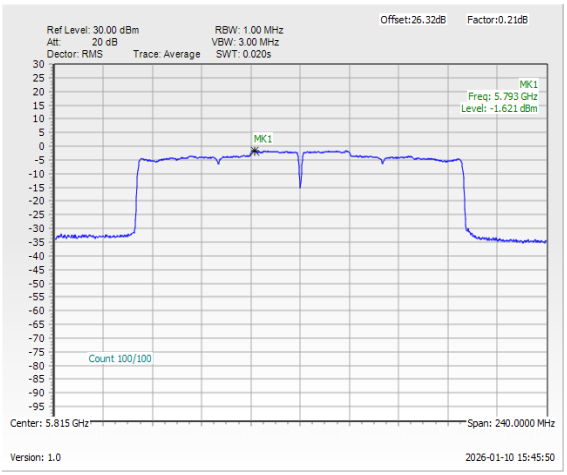
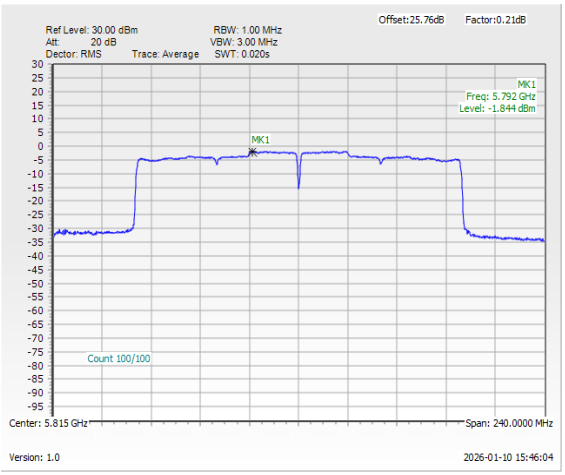
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11be EHT160>**

| Maximum Power Density Plot (dBm/MHz) |
|---|
|  |



**Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.**

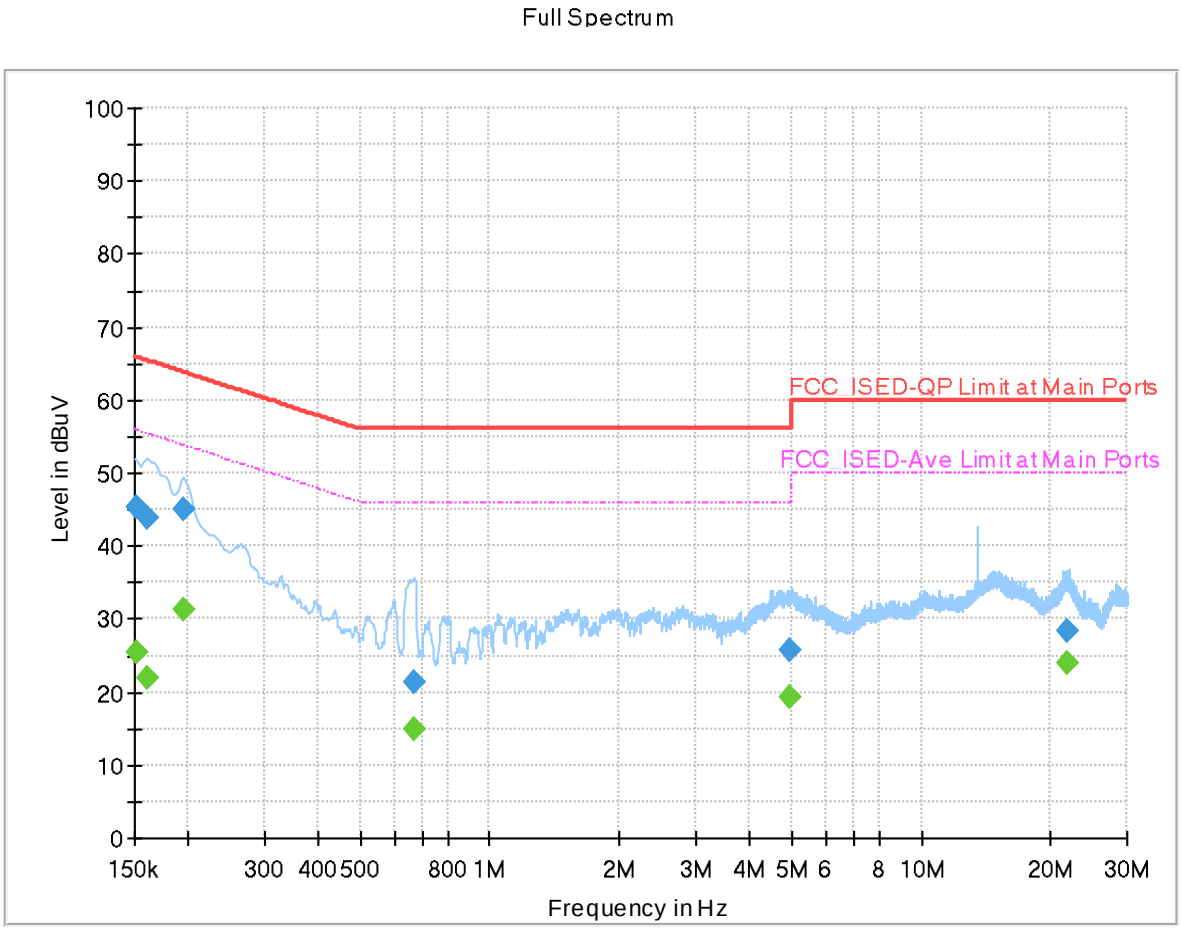
| Maximum Power Density Plot Trace 1 (Ant 3) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

# Appendix B. AC Conducted Emission Test Results

| | | | |
|---|---|---|---|
| **Test Engineer :** | Brian Chen | **Temperature :** | 23~26℃ |
| | | **Relative Humidity :** | 45~55% |

# EUT Information

| | |
|---|---|
| Test Mode : | Mode 1 |
| Test Voltage : | 120Vac/60Hz |
| Phase : | Line |

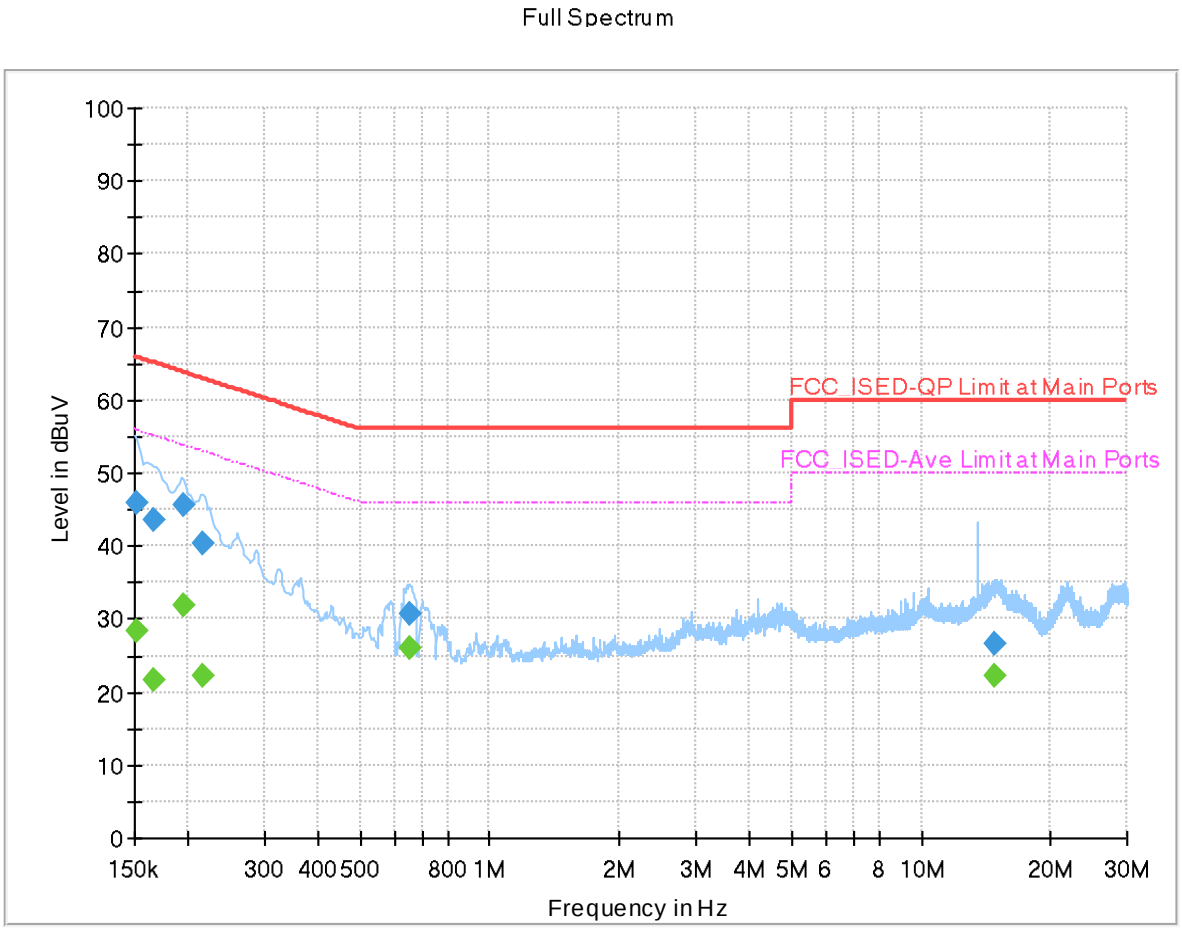



# Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.152250 | --- | 25.49 | 55.88 | 30.39 | L1 | ON | 20.1 |
| 0.152250 | 45.35 | --- | 65.88 | 20.53 | L1 | ON | 20.1 |
| 0.161250 | --- | 22.08 | 55.40 | 33.32 | L1 | ON | 20.1 |
| 0.161250 | 44.00 | --- | 65.40 | 21.40 | L1 | ON | 20.1 |
| 0.195000 | --- | 31.20 | 53.82 | 22.62 | L1 | ON | 20.1 |
| 0.195000 | 45.16 | --- | 63.82 | 18.66 | L1 | ON | 20.1 |
| 0.665250 | --- | 14.82 | 46.00 | 31.18 | L1 | ON | 20.0 |
| 0.665250 | 21.46 | --- | 56.00 | 34.54 | L1 | ON | 20.0 |
| 4.949250 | --- | 19.21 | 46.00 | 26.79 | L1 | ON | 20.2 |
| 4.949250 | 25.62 | --- | 56.00 | 30.38 | L1 | ON | 20.2 |
| 21.718500 | --- | 23.88 | 50.00 | 26.12 | L1 | ON | 20.9 |
| 21.718500 | 28.30 | --- | 60.00 | 31.70 | L1 | ON | 20.9 |

# EUT Information

| | |
|---|---|
| Test Mode : | Mode 1 |
| Test Voltage : | 120Vac/60Hz |
| Phase : | Neutral |




# Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.152250 | --- | 28.46 | 55.88 | 27.42 | N | ON | 20.1 |
| 0.152250 | 46.03 | --- | 65.88 | 19.85 | N | ON | 20.1 |
| 0.165750 | --- | 21.78 | 55.17 | 33.39 | N | ON | 20.1 |
| 0.165750 | 43.43 | --- | 65.17 | 21.74 | N | ON | 20.1 |
| 0.195000 | --- | 31.74 | 53.82 | 22.08 | N | ON | 20.1 |
| 0.195000 | 45.54 | --- | 63.82 | 18.28 | N | ON | 20.1 |
| 0.215250 | --- | 22.21 | 53.00 | 30.79 | N | ON | 20.1 |
| 0.215250 | 40.24 | --- | 63.00 | 22.76 | N | ON | 20.1 |
| 0.649500 | --- | 26.11 | 46.00 | 19.89 | N | ON | 20.0 |
| 0.649500 | 30.70 | --- | 56.00 | 25.30 | N | ON | 20.0 |
| 14.824500 | --- | 22.09 | 50.00 | 27.91 | N | ON | 20.6 |
| 14.824500 | 26.71 | --- | 60.00 | 33.29 | N | ON | 20.6 |

# Appendix C. Radiated Spurious Emission Test Data

| | | | |
|---|---|---|---|
| **Test Engineer :** | Daniel Lee, Fu Chen, Troye Hsieh | **Temperature :** | 18.9~21.9°C |
| | | **Relative Humidity :** | 50.1~65.9% |

## Note symbol

| | |
|---|---|
| -L | **Low channel location** |
| -R | **High channel location** |

# C1. Radiated Spurious Emission Test Modes

| Mode | Band | Band (GHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|
| Mode 98 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11a | 169 | 5845 | 6Mbps | - | - |
| Mode 99 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11a | 173 | 5865 | 6Mbps | - | - |
| Mode 100 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11a | 177 | 5885 | 6Mbps | - | - |
| Mode 101 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11n HT20 | 169 | 5845 | MCS0 | - | - |
| Mode 102 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11n HT20 | 173 | 5865 | MCS0 | - | - |
| Mode 103 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11n HT20 | 177 | 5885 | MCS0 | - | - |
| Mode 104 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11n HT40 | 167 | 5835 | MCS0 | - | - |
| Mode 105 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11n HT40 | 175 | 5875 | MCS0 | - | - |
| Mode 106 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11ac VHT80 | 171 | 5855 | MCS0 | - | - |
| Mode 107 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11ac VHT160 | 163 | 5815 | MCS0 | - | - |
| Mode 108 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 169 | 5845 | MCS0 | Full RU | - |

| Mode | Band | Band (GHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|
| Mode 109 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 169 | 5845 | MCS0 | Partial RU 26/0 | - |
| Mode 110 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 169 | 5845 | MCS0 | Partial RU 52/37 | - |
| Mode 111 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 169 | 5845 | MCS0 | Partial RU 106/53 | - |
| Mode 112 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 173 | 5865 | MCS0 | Full RU | - |
| Mode 113 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 177 | 5885 | MCS0 | Full RU | - |
| Mode 114 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 177 | 5885 | MCS0 | Partial RU 26/8 | - |
| Mode 115 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 177 | 5885 | MCS0 | Partial RU 52/40 | - |
| Mode 116 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT20 | 177 | 5885 | MCS0 | Partial RU 106/54 | - |
| Mode 117 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT40 | 167 | 5835 | MCS0 | Full RU | - |
| Mode 118 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT40 | 175 | 5875 | MCS0 | Full RU | - |
| Mode 119 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT80 | 171 | 5855 | MCS0 | Full RU | - |
| Mode 120 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11be EHT160 | 163 | 5815 | MCS0 | - | - |

| Mode | Band | Band (GHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|
| Mode 121 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11n HT40 | 175 | 5875 | MCS0 | - | SHF |
| Mode 122 | U-NII-4 | 5.85-5.895 | 3+4 | 802.11n HT40 | 175 | 5875 | MCS0 | - | LF |

# C2. Summary of each worse mode

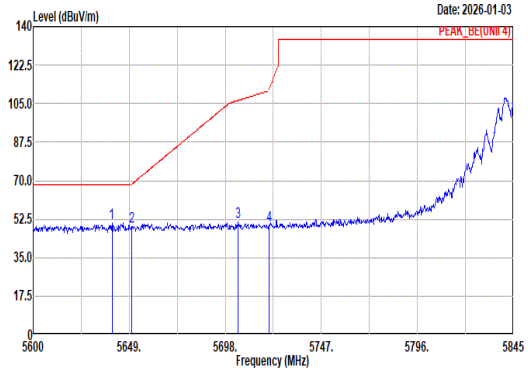
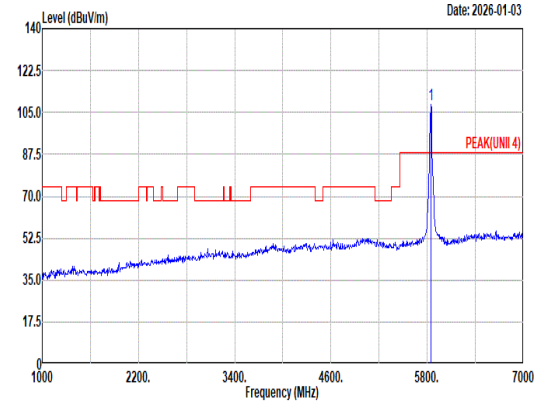
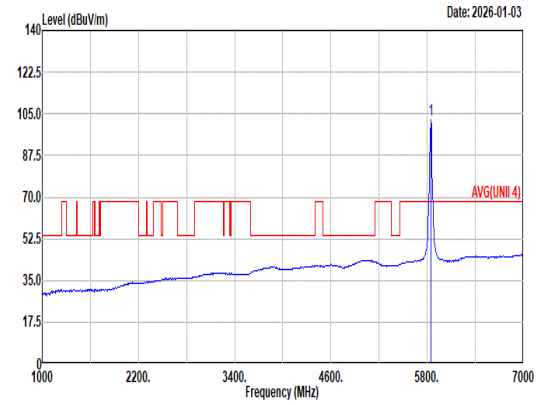
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 98 | 802.11a | 169 | 5613.72 | 51.05 | 68.20 | -17.15 | V | Peak | Pass | - | Band Edge |
| | 802.11a | 169 | 17535.00 | 49.50 | 68.20 | -18.70 | H | Peak | Pass | - | Harmonic |
| 99 | 802.11a | 173 | 5606.89 | 50.95 | 68.20 | -17.25 | H | Peak | Pass | - | Band Edge |
| | 802.11a | 173 | 17595.00 | 49.49 | 68.20 | -18.71 | H | Peak | Pass | - | Harmonic |
| 100 | 802.11a | 177 | 5895.01 | 87.23 | 90.20 | -2.97 | V | Avg. | Pass | - | Band Edge |
| | 802.11a | 177 | 11770.00 | 37.39 | 54.00 | -16.61 | V | Avg. | Pass | - | Harmonic |
| 101 | 802.11n HT20 | 169 | 5636.75 | 50.92 | 68.20 | -17.28 | H | Peak | Pass | - | Band Edge |
| | 802.11n HT20 | 169 | 17535.00 | 48.97 | 68.20 | -19.23 | H | Peak | Pass | - | Harmonic |
| 102 | 802.11n HT20 | 173 | 5650.35 | 50.61 | 68.46 | -17.85 | V | Peak | Pass | - | Band Edge |
| | 802.11n HT20 | 173 | 11730.00 | 37.52 | 54.00 | -16.48 | H | Avg. | Pass | - | Harmonic |
| 103 | 802.11n HT20 | 177 | 5896.39 | 85.91 | 89.18 | -3.27 | V | Avg. | Pass | - | Band Edge |

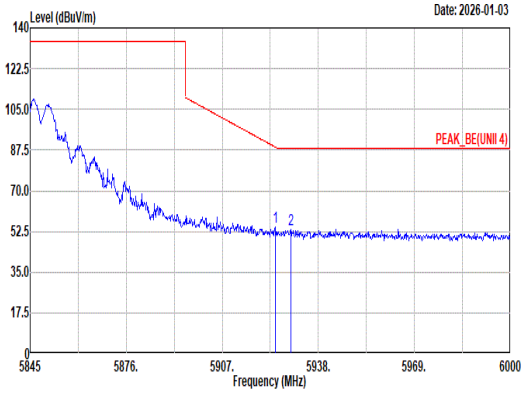
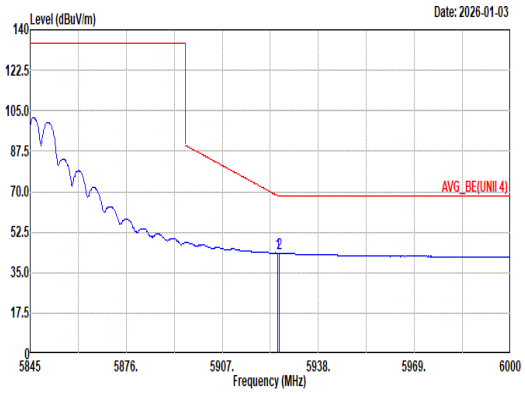
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103 | 802.11n HT20 | 177 | 17655.00 | 49.15 | 68.20 | -19.05 | V | Peak | Pass | - | Harmonic |
| 104 | 802.11n HT40 | 167 | 5926.41 | 57.18 | 68.20 | -11.02 | V | Avg. | Pass | - | Band Edge |
| | 802.11n HT40 | 167 | 11670.00 | 37.45 | 54.00 | -16.55 | V | Avg. | Pass | - | Harmonic |
| 105 | 802.11n HT40 | 175 | 5920.13 | 70.12 | 71.77 | -1.65 | V | Avg. | Pass | - | Band Edge |
| | 802.11n HT40 | 175 | 11750.00 | 37.30 | 54.00 | -16.70 | H | Avg. | Pass | - | Harmonic |
| 106 | 802.11ac VHT80 | 171 | 5925.04 | 65.30 | 68.20 | -2.90 | V | Avg. | Pass | - | Band Edge |
| | 802.11ac VHT80 | 171 | 11710.00 | 37.47 | 54.00 | -16.53 | V | Avg. | Pass | - | Harmonic |
| 107 | 802.11ac VHT160 | 163 | 5649.88 | 64.84 | 68.20 | -3.36 | H | Peak | Pass | - | Band Edge |
| | 802.11ac VHT160 | 163 | 11630.00 | 37.45 | 54.00 | -16.55 | H | Avg. | Pass | - | Harmonic |
| 108 | 802.11be EHT20 | 169 | 5645.08 | 50.89 | 68.20 | -17.31 | V | Peak | Pass | Full RU | Band Edge |
| | 802.11be EHT20 | 169 | 11690.00 | 37.86 | 54.00 | -16.14 | H | Avg. | Pass | Full RU | Harmonic |

| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109 | 802.11be EHT20 | 169 | 5620.83 | 50.62 | 68.20 | -17.58 | H | Peak | Pass | Partial RU 26/0 | Band Edge |
| | 802.11be EHT20 | 169 | - | - | - | - | - | - | - | Partial RU 26/0 | Harmonic |
| 110 | 802.11be EHT20 | 169 | 5648.76 | 51.63 | 68.20 | -16.57 | H | Peak | Pass | Partial RU 52/37 | Band Edge |
| | 802.11be EHT20 | 169 | - | - | - | - | - | - | - | Partial RU 52/37 | Harmonic |
| 111 | 802.11be EHT20 | 169 | 5647.53 | 51.46 | 68.20 | -16.74 | V | Peak | Pass | Partial RU 106/53 | Band Edge |
| | 802.11be EHT20 | 169 | - | - | - | - | - | - | - | Partial RU 106/53 | Harmonic |
| 112 | 802.11be EHT20 | 173 | 5617.49 | 50.78 | 68.20 | -17.42 | H | Peak | Pass | Full RU | Band Edge |
| | 802.11be EHT20 | 173 | 11730.00 | 37.45 | 54.00 | -16.55 | H | Avg. | Pass | Full RU | Harmonic |
| 113 | 802.11be EHT20 | 177 | 5895.01 | 84.59 | 90.20 | -5.61 | V | Avg. | Pass | Full RU | Band Edge |
| | 802.11be EHT20 | 177 | 11770.00 | 37.39 | 54.00 | -16.61 | V | Avg. | Pass | Full RU | Harmonic |
| 114 | 802.11be EHT20 | 177 | 5895.01 | 87.27 | 90.20 | -2.93 | V | Avg. | Pass | Partial RU 26/8 | Band Edge |

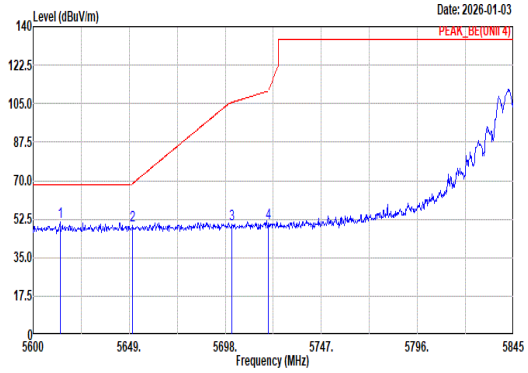
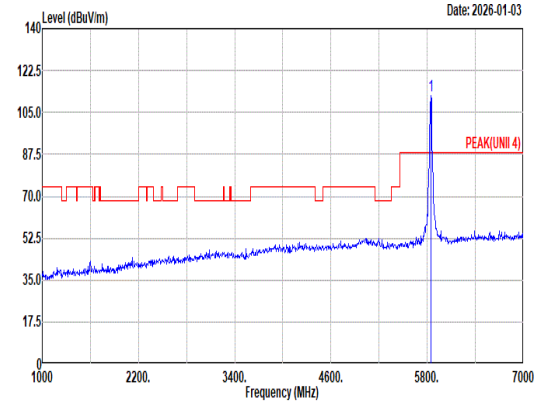
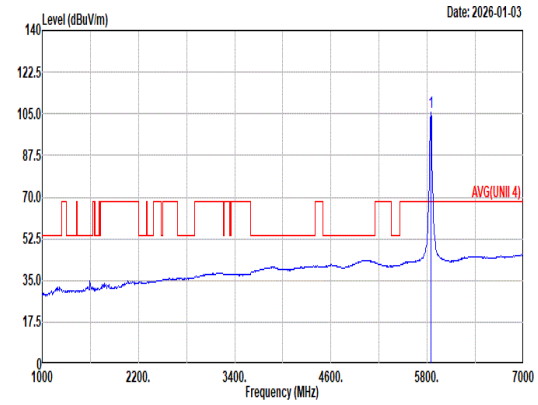
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 114 | 802.11be EHT20 | 177 | - | - | - | - | - | - | - | Partial RU 26/8 | Harmonic |
| 115 | 802.11be EHT20 | 177 | 5895.01 | 87.50 | 90.20 | -2.70 | V | Avg. | Pass | Partial RU 52/40 | Band Edge |
| | 802.11be EHT20 | 177 | - | - | - | - | - | - | - | Partial RU 52/40 | Harmonic |
| 116 | 802.11be EHT20 | 177 | 5895.01 | 87.39 | 90.20 | -2.81 | V | Avg. | Pass | Partial RU 106/54 | Band Edge |
| | 802.11be EHT20 | 177 | - | - | - | - | - | - | - | Partial RU 106/54 | Harmonic |
| 117 | 802.11be EHT40 | 167 | 5924.93 | 57.99 | 68.25 | -10.26 | V | Avg. | Pass | Full RU | Band Edge |
| | 802.11be EHT40 | 167 | 11670.00 | 37.35 | 54.00 | -16.65 | V | Avg. | Pass | Full RU | Harmonic |
| 118 | 802.11be EHT40 | 175 | 5925.00 | 64.92 | 68.20 | -3.28 | V | Avg. | Pass | Full RU | Band Edge |
| | 802.11be EHT40 | 175 | 17625.00 | 49.36 | 68.20 | -18.84 | V | Peak | Pass | Full RU | Harmonic |
| 119 | 802.11be EHT80 | 171 | 5925.18 | 66.41 | 68.20 | -1.79 | V | Avg. | Pass | Full RU | Band Edge |
| | 802.11be EHT80 | 171 | - | - | - | - | - | - | - | Full RU | Harmonic |

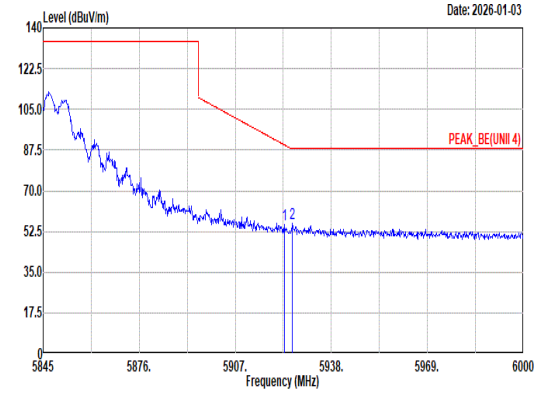
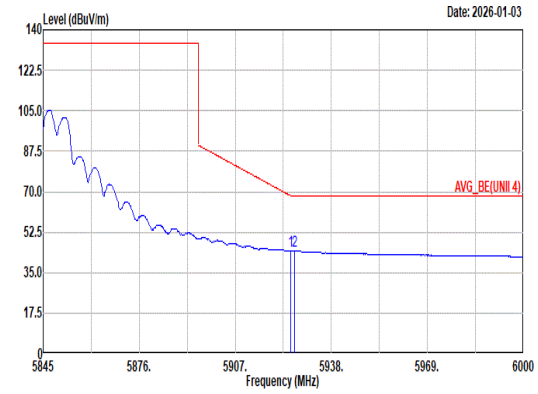
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 802.11be EHT160 | 163 | 5658.70 | 72.77 | 74.66 | -1.89 | V | Peak | Pass | Full RU | Band Edge |
| | 802.11be EHT160 | 163 | 17450.00 | 47.98 | 68.20 | -20.22 | H | Peak | Pass | Full RU | Harmonic |
| 121 | SHF | 175 | 38180.00 | 51.53 | 68.20 | -16.67 | V | Peak | Pass | - | SHF |
| 122 | LF | 175 | 30.00 | 33.47 | 40.00 | -6.53 | V | Peak | Pass | - | LF |

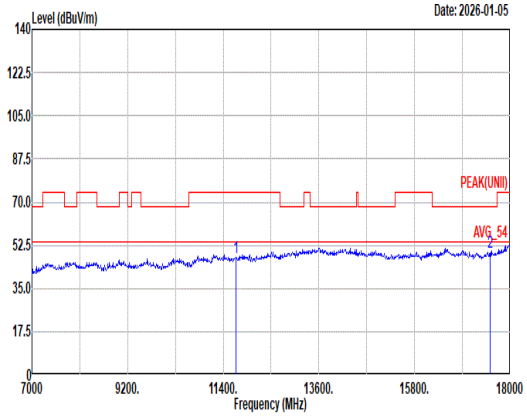
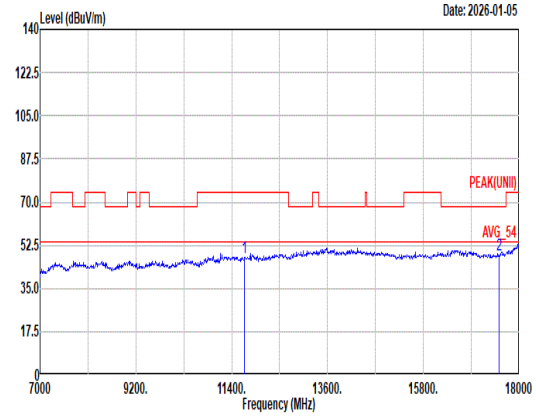
| Mode | 98 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11a_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5640.18 50.65 68.20 -17.55 40.14 32.94 10.35 32.78 0.00 100 12 Peak<br>2 5650.23 49.14 68.37 -19.23 38.60 33.00 10.33 32.79 0.00 100 12 Peak<br>3 5704.62 51.43 106.49 -55.06 40.58 33.42 10.24 32.81 0.00 100 12 Peak<br>4 5720.30 49.76 111.47 -61.71 38.87 33.48 10.22 32.81 0.00 100 12 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 108.55 ------ ------ 97.28 33.90 10.23 32.86 0.00 100 12 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 102.60 ------ ------ 91.33 33.90 10.23 32.86 0.00 100 12 Average |

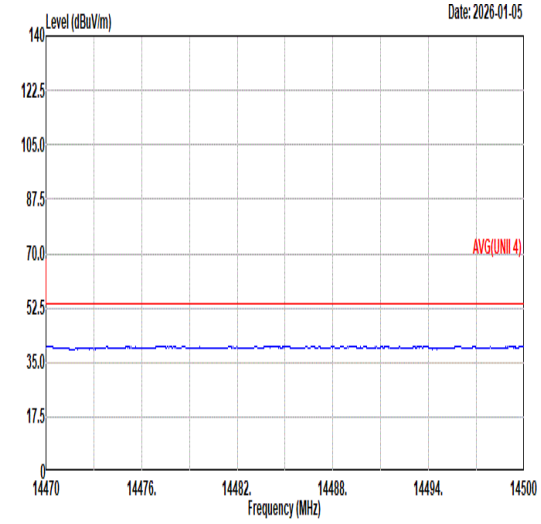
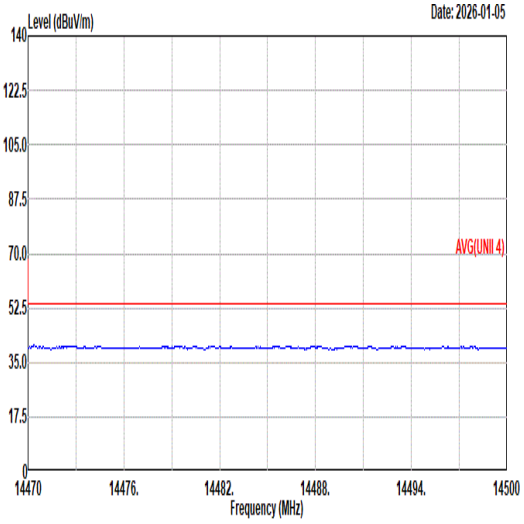
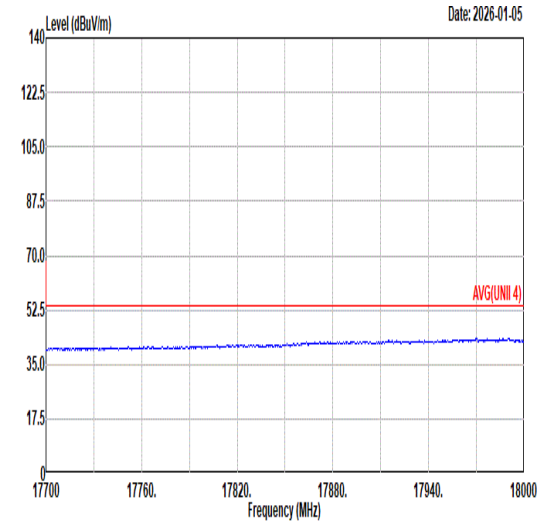
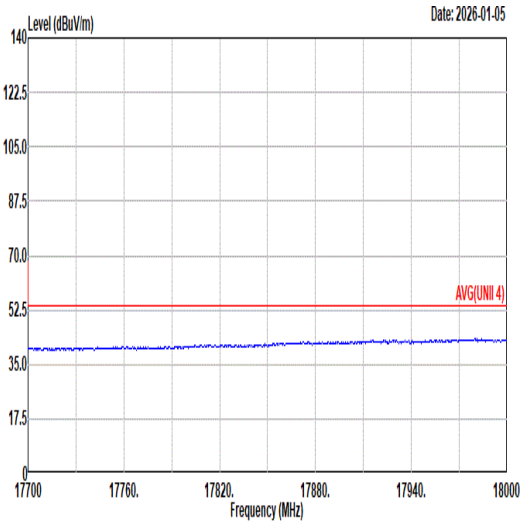
| Mode | 98 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11a_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.05 54.16 88.89 -34.73 42.42 34.15 10.48 32.89 0.00 100 12 Peak<br>2 5929.17 53.38 88.20 -34.82 41.62 34.16 10.49 32.89 0.00 100 12 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.98 43.50 68.21 -24.71 31.76 34.15 10.48 32.89 0.00 100 12 Average<br>2 5925.29 43.54 68.20 -24.66 31.80 34.15 10.48 32.89 0.00 100 12 Average | Blank |

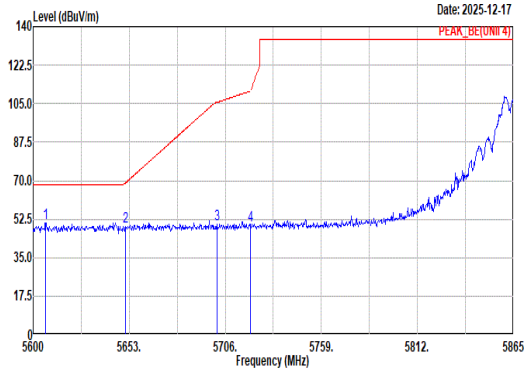
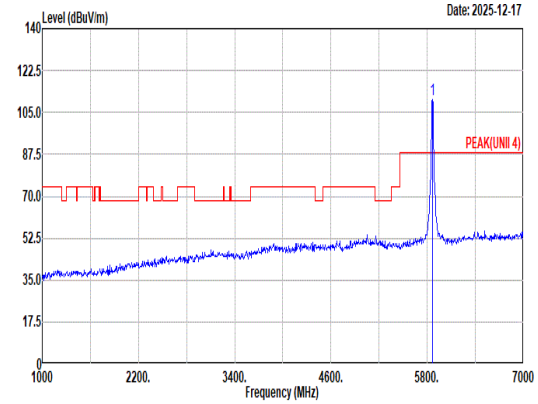
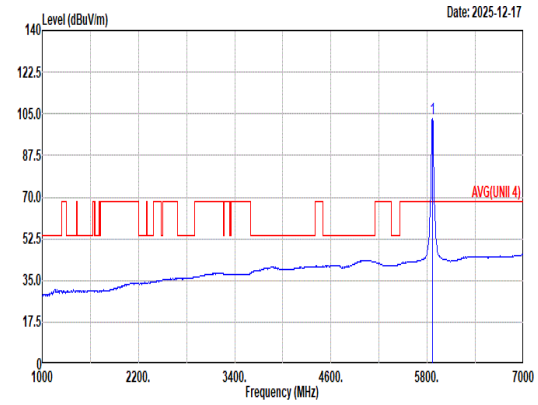
| Mode | 98 |
|---|---|
| | Band Edge - L |
| | U-NII-4_5.85-5.895_802.11a_CH169_5845MHz |
| ANT | 3+4 |

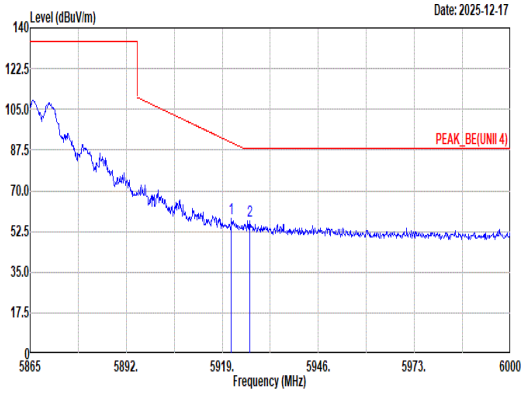
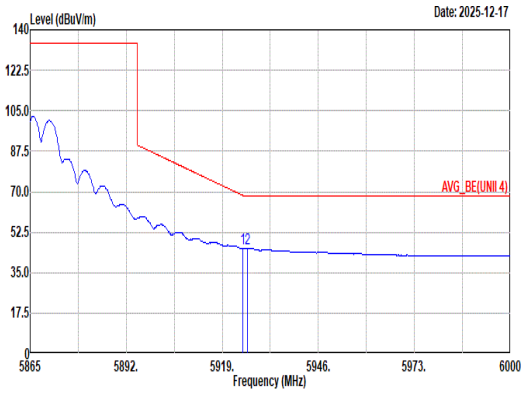
| Pol. | Vertical | Fundamental |
|---|---|---|
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5613.72 51.05 68.20 -17.15 40.64 32.78 10.40 32.77 0.00 100 6 Peak<br>2 5650.72 49.41 68.73 -19.32 38.86 33.01 10.33 32.79 0.00 100 6 Peak<br>3 5701.19 50.19 105.53 -55.34 39.35 33.40 10.25 32.81 0.00 100 6 Peak<br>4 5720.05 50.88 110.91 -60.03 39.99 33.48 10.22 32.81 0.00 100 6 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 111.87 ------ ------ 100.60 33.90 10.23 32.86 0.00 100 6 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 105.91 ------ ------ 94.64 33.90 10.23 32.86 0.00 100 6 Average |

| Mode | 98 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11a_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5922.81 55.31 89.80 -34.49 43.58 34.15 10.47 32.89 0.00 100 6 Peak<br>2 5925.45 55.95 88.20 -32.25 44.21 34.15 10.48 32.89 0.00 100 6 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.98 44.41 68.21 -23.80 32.67 34.15 10.48 32.89 0.00 100 6 Average<br>2 5926.22 44.48 68.20 -23.72 32.74 34.15 10.48 32.89 0.00 100 6 Average | Blank |

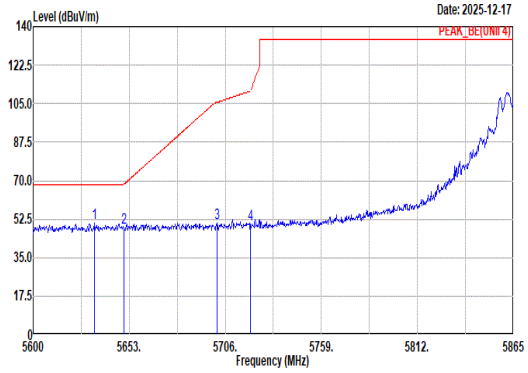
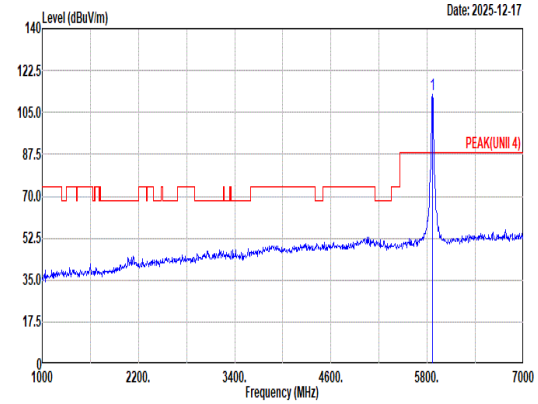
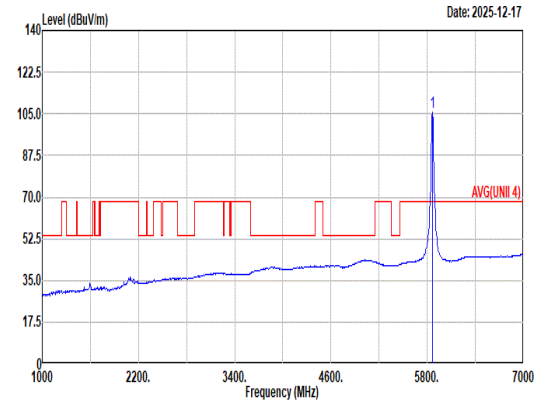
| Mode | 98 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11a_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11690.00 47.79 74.00 -26.21 57.13 38.58 17.65 66.02 0.45 -- -- Peak<br>2 17535.00 49.50 68.20 -18.70 54.81 38.81 21.77 66.38 0.49 -- -- Peak |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11690.00 47.66 74.00 -26.34 57.00 38.58 17.65 66.02 0.45 -- -- Peak<br>2 17535.00 48.67 68.20 -19.53 53.98 38.81 21.77 66.38 0.49 -- -- Peak |

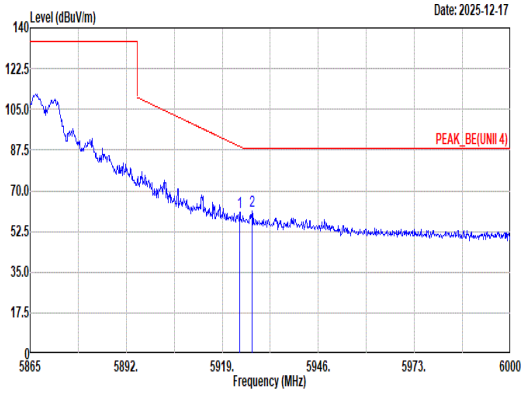
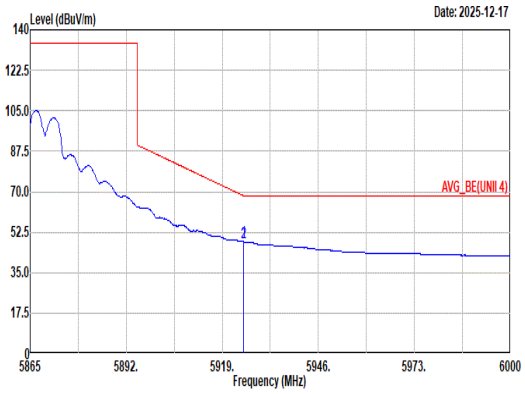
| Mode | 98 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11a_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |

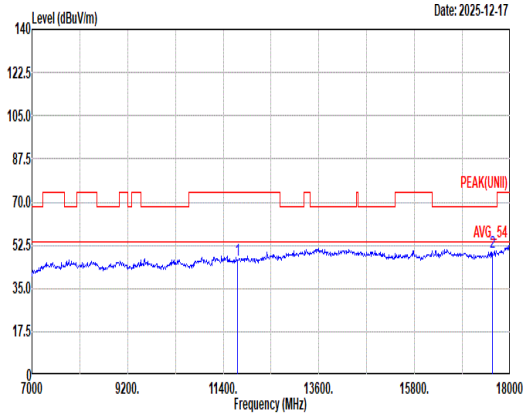
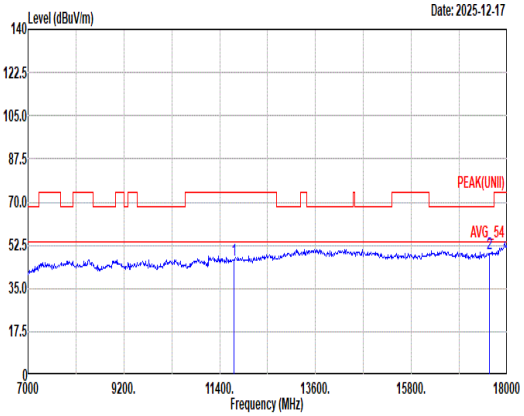
| Mode | 99 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11a_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5606.89 50.95 68.20 -17.25 40.57 32.74 10.41 32.77 0.00 239 65 Peak<br>2 5650.88 48.88 68.85 -19.97 38.33 33.01 10.33 32.79 0.00 239 65 Peak<br>3 5701.50 50.18 105.62 -55.44 39.33 33.41 10.25 32.81 0.00 239 65 Peak<br>4 5720.05 49.41 110.90 -61.49 38.52 33.48 10.22 32.81 0.00 239 65 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 110.26 ------ ------ 98.88 33.96 10.29 32.87 0.00 239 65 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 103.06 ------ ------ 91.68 33.96 10.29 32.87 0.00 239 65 Average |

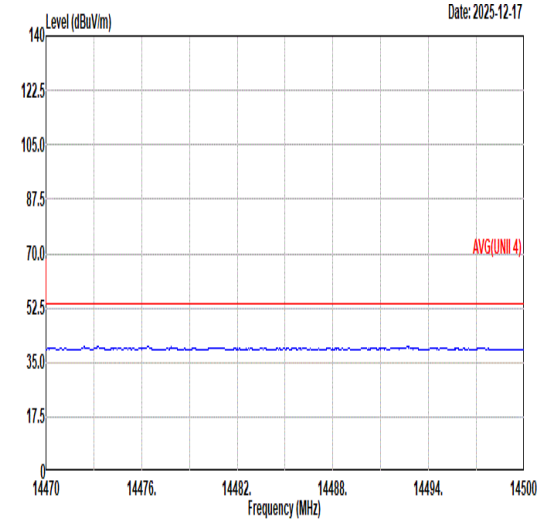
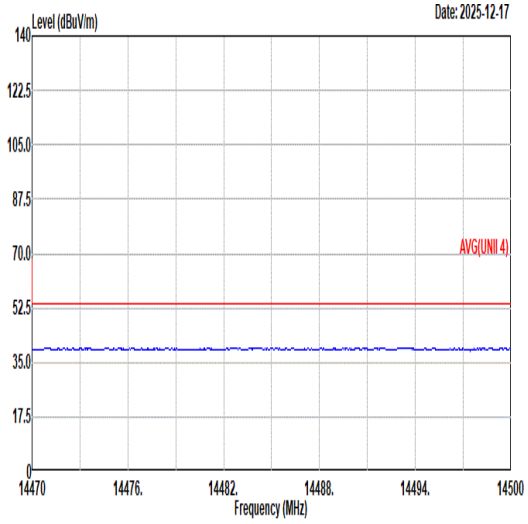
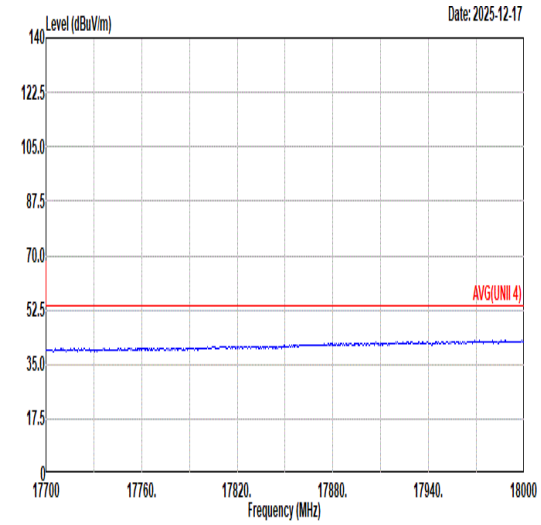
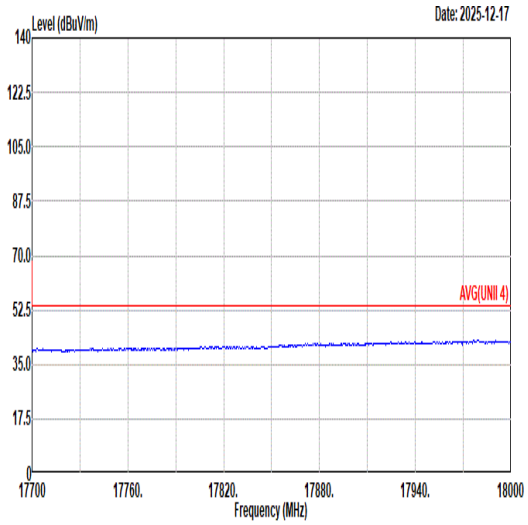
| Mode | 99 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11a_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5921.57 57.87 90.71 -32.84 46.15 34.14 10.47 32.89 0.00 239 65 Peak<br>2 5926.70 57.14 88.20 -31.06 45.39 34.15 10.49 32.89 0.00 239 65 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.81 45.59 68.34 -22.75 33.85 34.15 10.48 32.89 0.00 239 65 Average<br>2 5926.16 45.65 68.20 -22.55 33.91 34.15 10.48 32.89 0.00 239 65 Average | Blank |

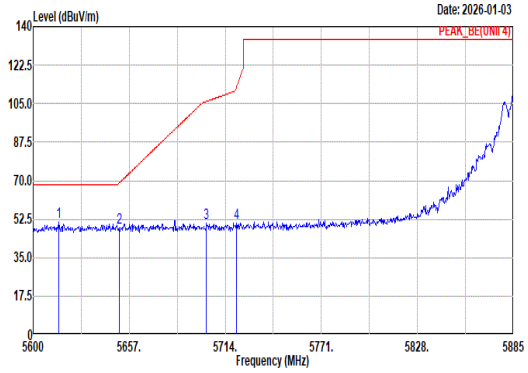
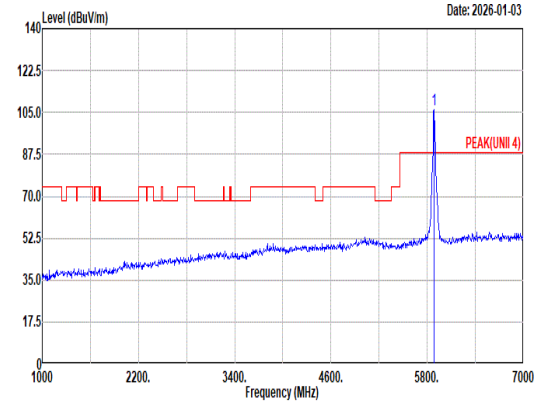
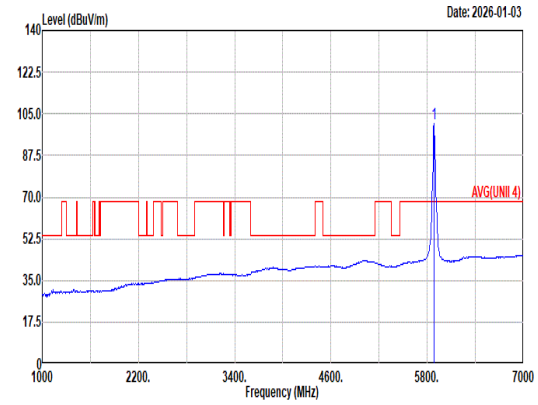
| Mode | 99 |
|---|---|
| | Band Edge - L |
| | U-NII-4_5.85-5.895_802.11a_CH173_5865MHz |
| ANT | 3+4 |

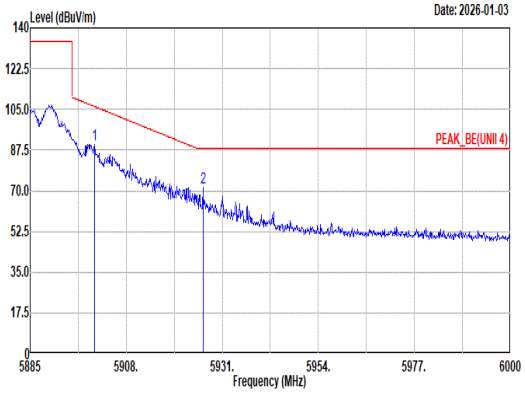
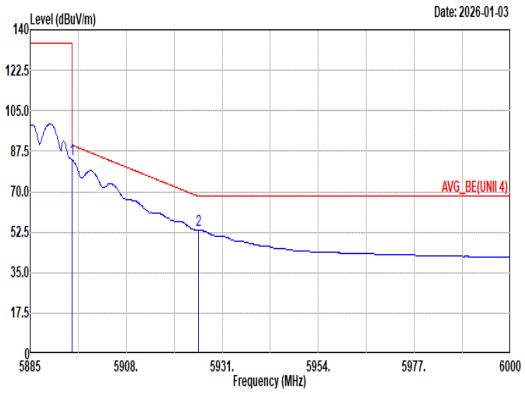
| Pol. | Vertical | Fundamental |
|---|---|---|
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5633.66 50.69 68.20 -17.51 40.21 32.90 10.36 32.78 0.00 118 340 Peak<br>2 5650.09 48.81 68.26 -19.45 38.27 33.00 10.33 32.79 0.00 118 340 Peak<br>3 5701.50 50.95 105.62 -54.67 40.10 33.41 10.25 32.81 0.00 118 340 Peak<br>4 5720.05 50.13 110.90 -60.77 39.24 33.48 10.22 32.81 0.00 118 340 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 112.39 ------ ------ 101.01 33.96 10.29 32.87 0.00 118 340 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 105.71 ------ ------ 94.33 33.96 10.29 32.87 0.00 118 340 Average |

| Mode | 99 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11a_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5923.86 60.62 89.03 -28.41 48.88 34.15 10.48 32.89 0.00 118 340 Peak<br>2 5927.37 61.36 88.20 -26.84 49.61 34.15 10.49 32.89 0.00 118 340 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.94 48.35 68.24 -19.89 36.61 34.15 10.48 32.89 0.00 118 340 Average<br>2 5925.08 48.25 68.20 -19.95 36.51 34.15 10.48 32.89 0.00 118 340 Average | Blank |

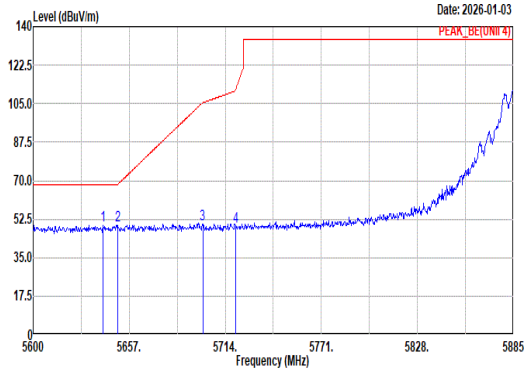
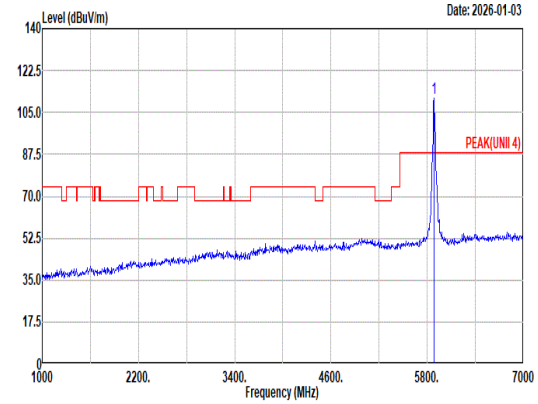
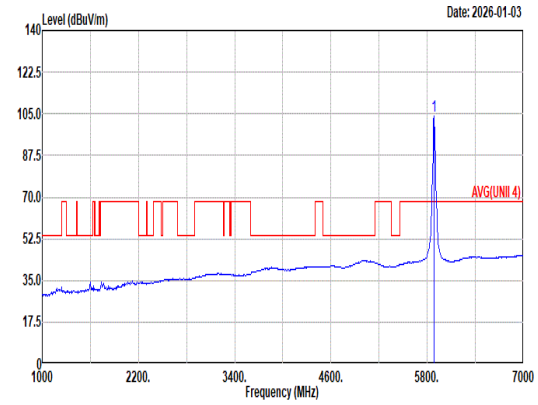
| Mode | 99 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11a_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11730.00 46.72 74.00 -27.28 56.10 38.48 17.69 66.01 0.46 -- -- Peak<br>2 17595.00 49.49 68.20 -18.71 54.78 39.08 21.80 66.67 0.50 -- -- Peak |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11730.00 46.73 74.00 -27.27 56.11 38.48 17.69 66.01 0.46 -- -- Peak<br>2 17595.00 49.26 68.20 -18.94 54.55 39.08 21.80 66.67 0.50 -- -- Peak |

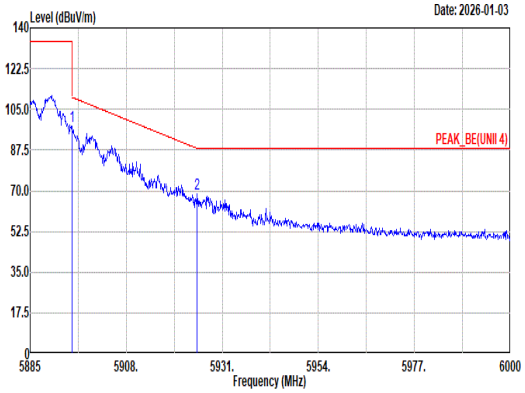
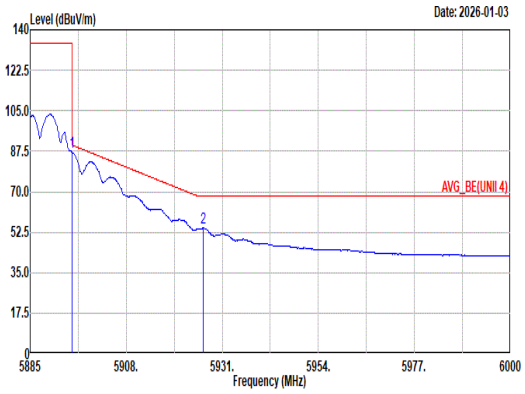
| Mode | 99 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11a_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |

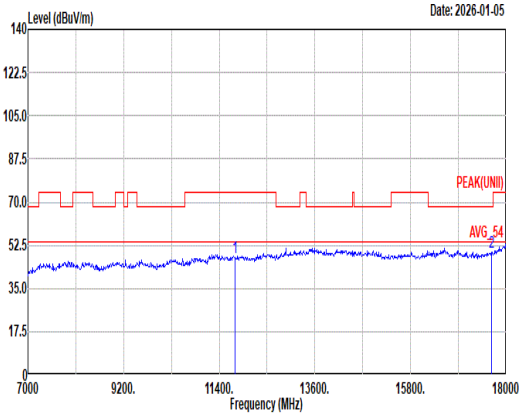
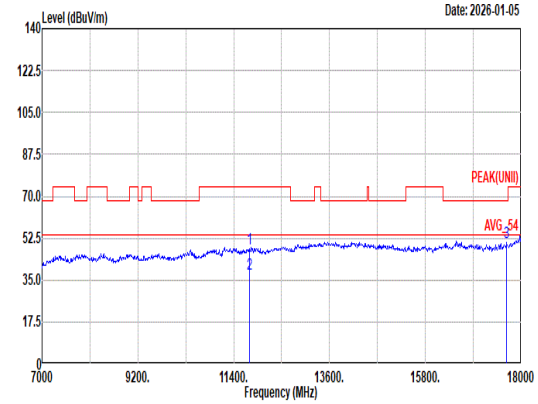
| Mode | 100 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11a_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5615.11 51.02 68.20 -17.18 40.61 32.79 10.39 32.77 0.00 200 2 Peak<br>2 5651.02 48.87 68.95 -20.08 38.32 33.01 10.33 32.79 0.00 200 2 Peak<br>3 5702.89 50.63 106.01 -55.38 39.78 33.41 10.25 32.81 0.00 200 2 Peak<br>4 5720.56 50.63 112.07 -61.44 39.74 33.48 10.22 32.81 0.00 200 2 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 106.43 ------ ------ 94.88 34.06 10.37 32.88 0.00 200 2 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 100.82 ------ ------ 89.31 34.04 10.35 32.88 0.00 200 2 Average |

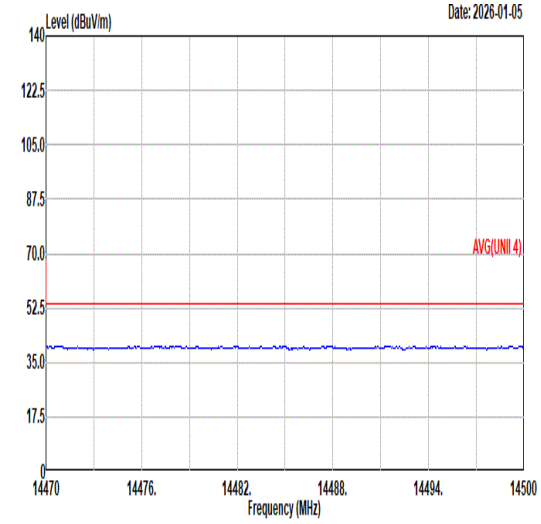
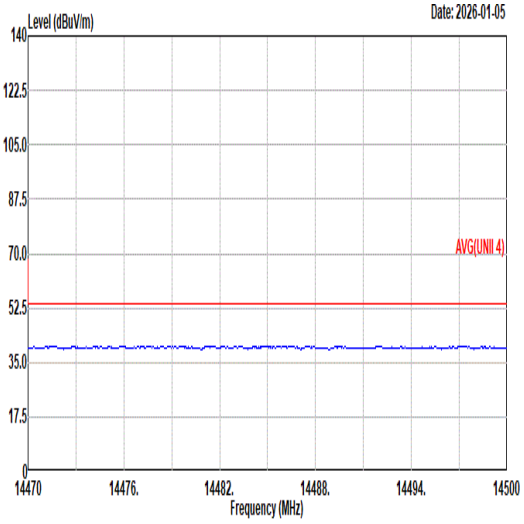
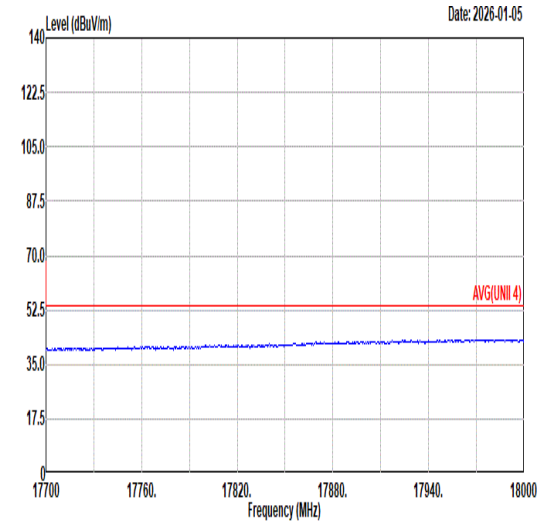
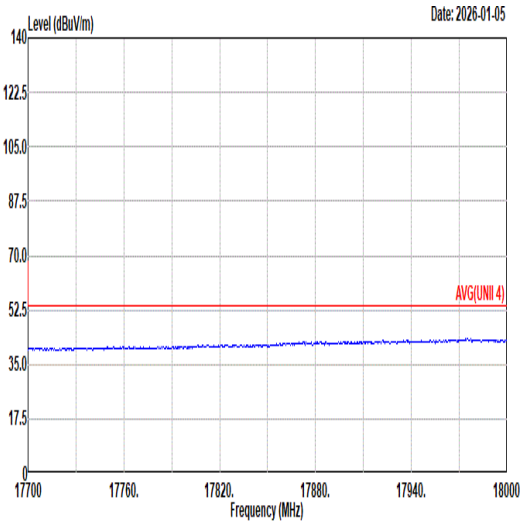
| Mode | 100 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11a_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5900.41 89.77 106.22 -16.45 78.15 34.10 10.40 32.88 0.00 200 2 Peak<br>2 5926.40 71.35 88.20 -16.85 59.61 34.15 10.48 32.89 0.00 200 2 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5895.01 83.91 90.20 -6.29 72.33 34.08 10.38 32.88 0.00 200 2 Average<br>2 5925.25 53.41 68.20 -14.79 41.67 34.15 10.48 32.89 0.00 200 2 Average | Blank |

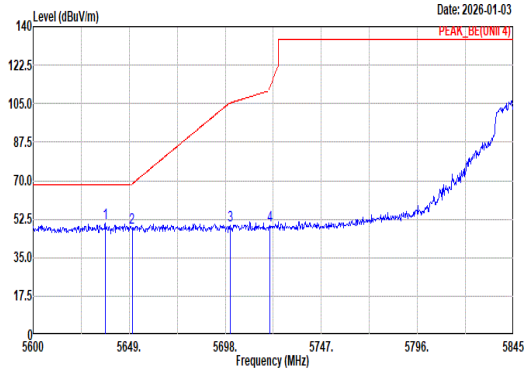
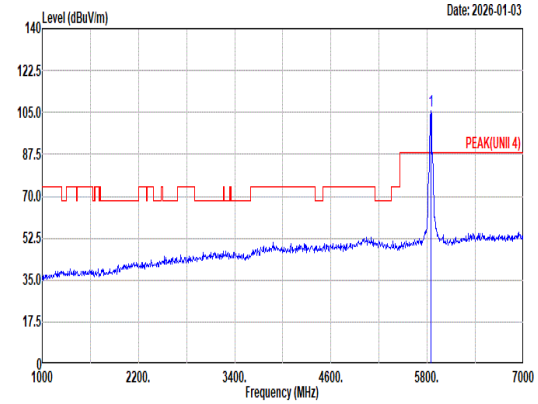
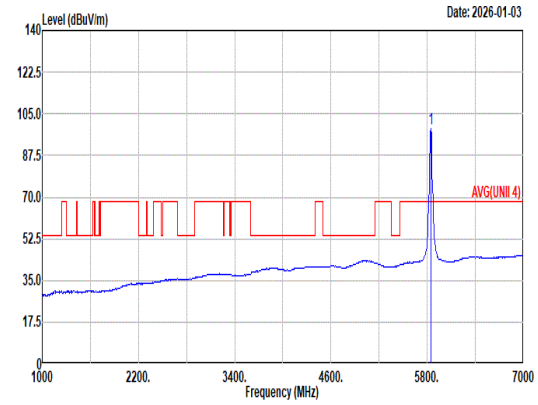
| Mode | 100 |
|---|---|
| | Band Edge - L |
| | U-NII-4_5.85-5.895_802.11a_CH177_5885MHz |
| ANT | 3+4 |

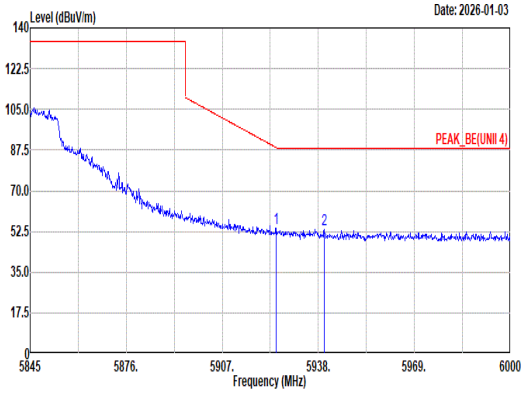
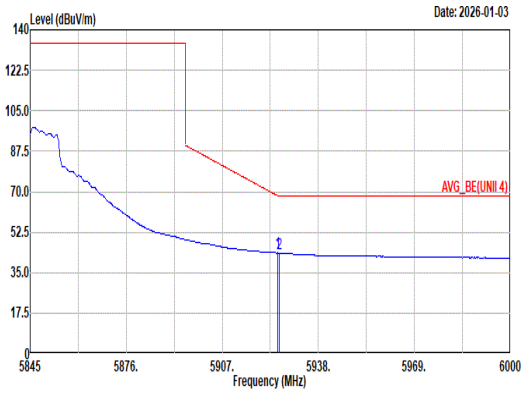
| Pol. | Vertical | Fundamental |
|---|---|---|
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5641.33 49.91 68.20 -18.29 39.39 32.95 10.35 32.78 0.00 100 5 Peak<br>2 5650.16 49.80 68.32 -18.52 39.26 33.00 10.33 32.79 0.00 100 5 Peak<br>3 5700.61 50.44 105.37 -54.93 39.60 33.40 10.25 32.81 0.00 100 5 Peak<br>4 5720.27 49.14 111.42 -62.28 38.25 33.48 10.22 32.81 0.00 100 5 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 110.76 ------ ------ 99.25 34.04 10.35 32.88 0.00 100 5 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 104.32 ------ ------ 92.81 34.04 10.35 32.88 0.00 100 5 Average |

| Mode | 100 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11a_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5895.01 97.68 110.20 -12.52 86.10 34.08 10.38 32.88 0.00 100 5 Peak<br>2 5925.02 68.69 88.20 -19.51 56.95 34.15 10.48 32.89 0.00 100 5 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5895.01 87.23 90.20 -2.97 75.65 34.08 10.38 32.88 0.00 100 5 Average<br>2 5926.40 54.21 68.20 -13.99 42.47 34.15 10.48 32.89 0.00 100 5 Average | Blank |

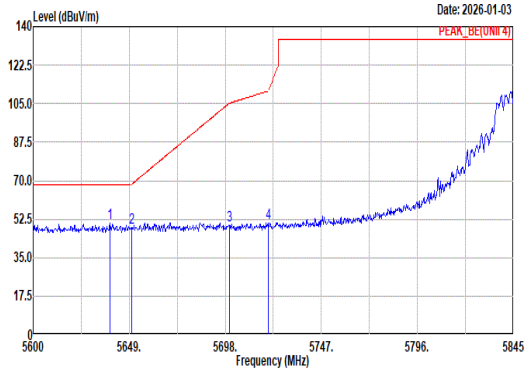
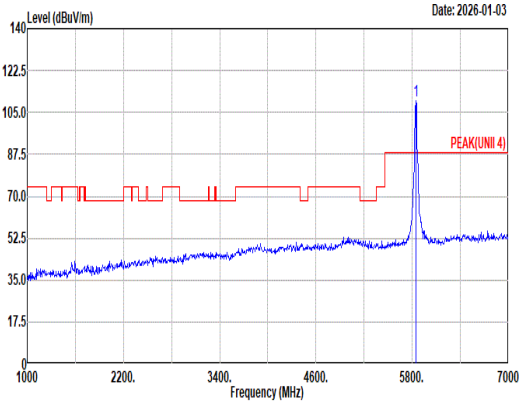
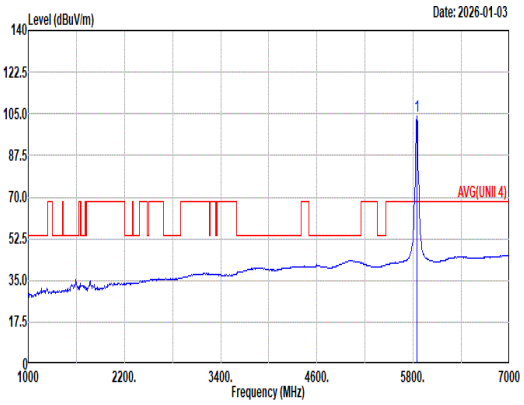
| Mode | 100 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11a_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11770.00 47.39 74.00 -26.61 56.79 38.40 17.73 65.99 0.46 -- -- Peak<br>2 17655.00 49.90 68.20 -18.30 55.27 39.25 21.84 66.97 0.51 -- -- Peak |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11770.00 48.23 74.00 -25.77 57.63 38.40 17.73 65.99 0.46 -- -- Peak<br>2 11770.00 37.39 54.00 -16.61 46.79 38.40 17.73 65.99 0.46 -- -- Average<br>3 17655.00 50.56 68.20 -17.64 55.93 39.25 21.84 66.97 0.51 -- -- Peak |

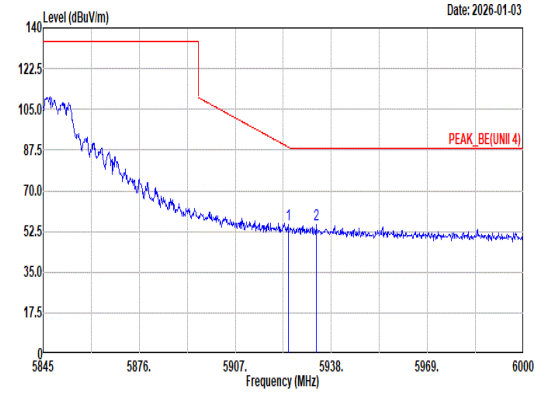
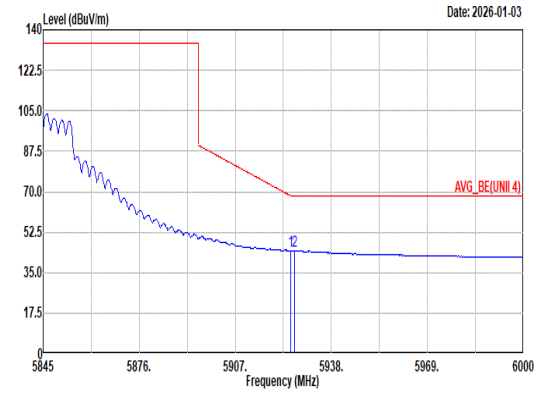
| Mode | 100 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11a_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |

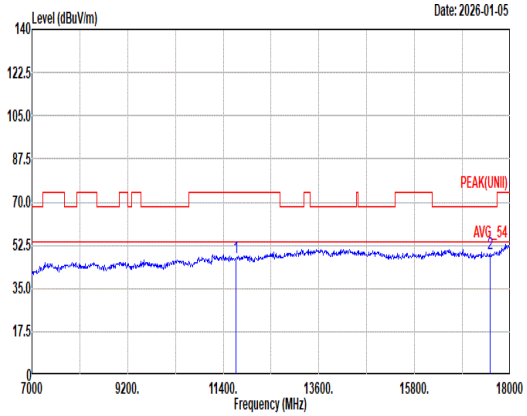
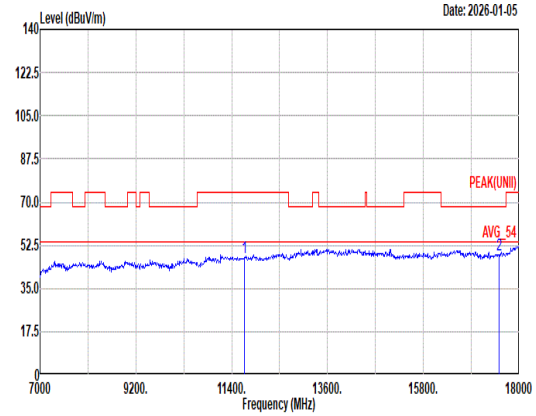
| Mode | 101 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5636.75 50.92 68.20 -17.28 40.42 32.92 10.36 32.78 0.00 100 299 Peak<br>2 5650.47 48.49 68.55 -20.06 37.95 33.00 10.33 32.79 0.00 100 299 Peak<br>3 5700.45 49.41 105.33 -55.92 38.57 33.40 10.25 32.81 0.00 100 299 Peak<br>4 5720.54 49.56 112.03 -62.47 38.67 33.48 10.22 32.81 0.00 100 299 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 105.73 ------ ------ 94.48 33.90 10.21 32.86 0.00 100 299 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 98.74 ------ ------ 87.49 33.90 10.21 32.86 0.00 100 299 Average |

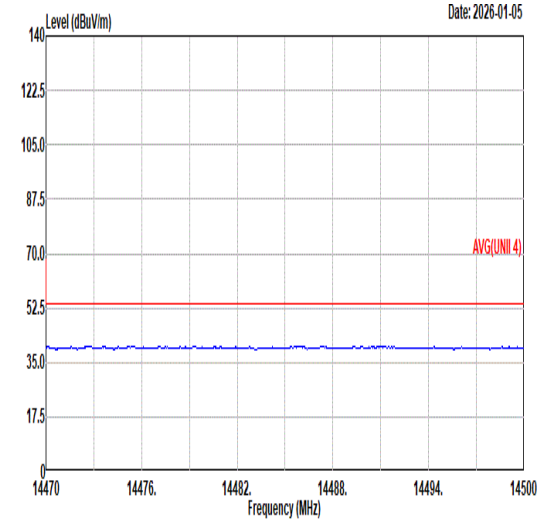
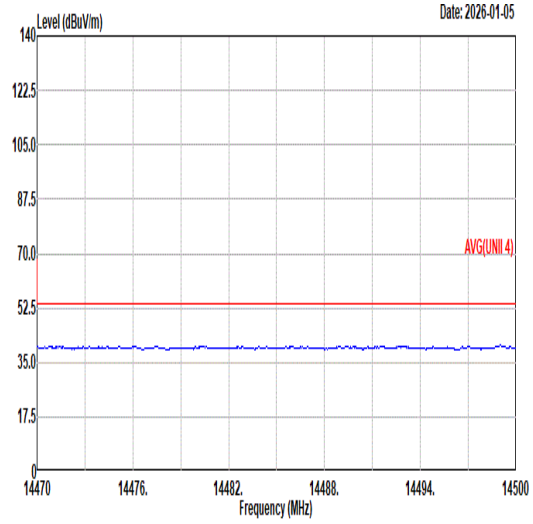
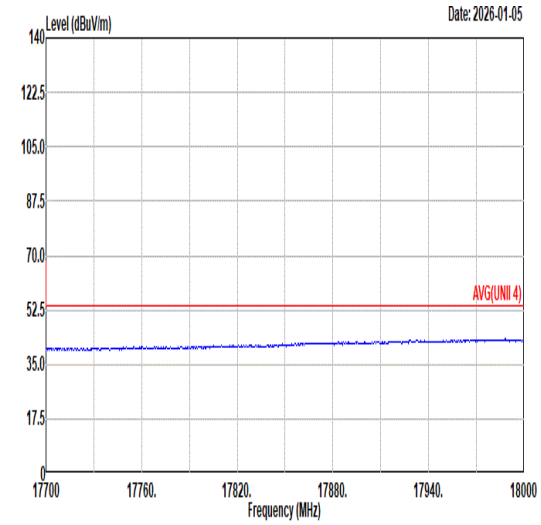
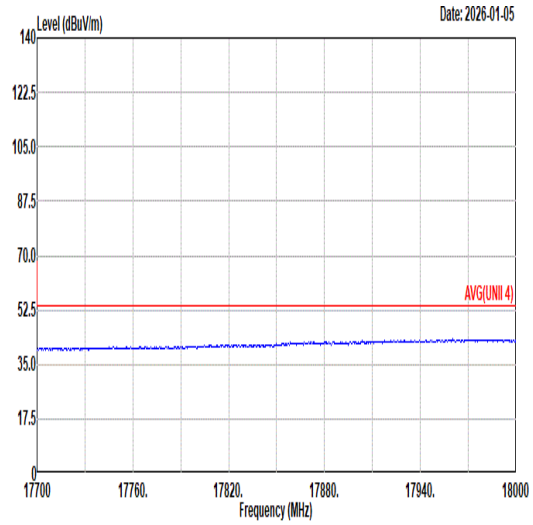
| Mode | 101 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.36 53.72 88.67 -34.95 41.98 34.15 10.48 32.89 0.00 100 299 Peak<br>2 5939.86 53.32 88.20 -34.88 41.51 34.18 10.53 32.90 0.00 100 299 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.98 43.59 68.21 -24.62 31.85 34.15 10.48 32.89 0.00 100 299 Average<br>2 5925.45 43.55 68.20 -24.65 31.81 34.15 10.48 32.89 0.00 100 299 Average | Blank |

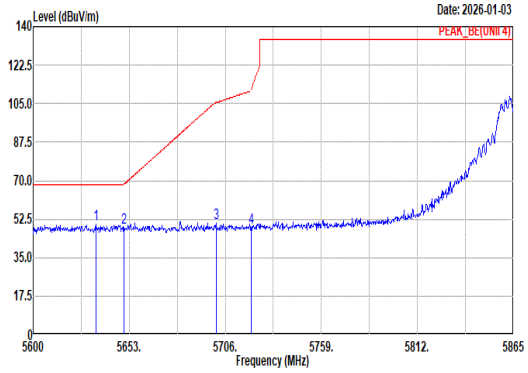
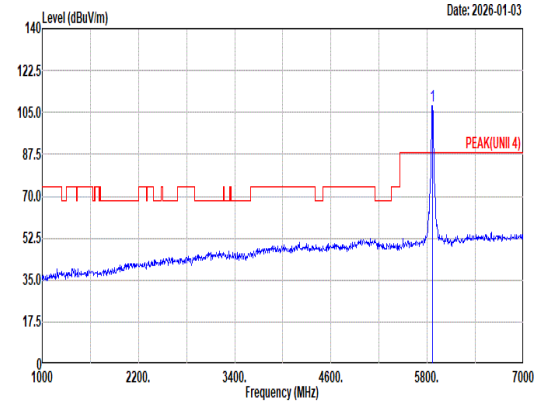
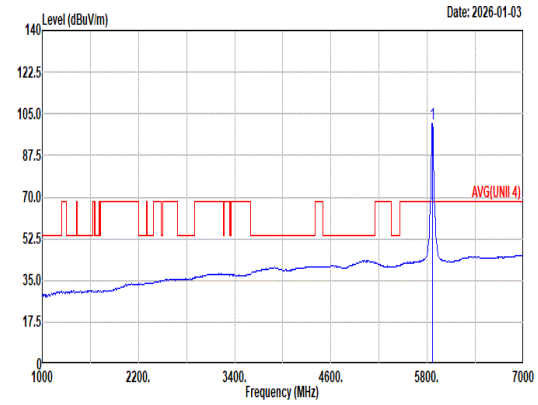
| Mode | 101 |
|---|---|
| | Band Edge - L |
| | U-NII-4_5.85-5.895_802.11n HT20_CH169_5845MHz |
| ANT | 3+4 |

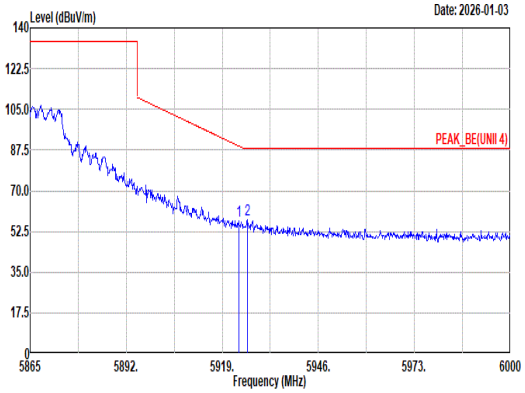
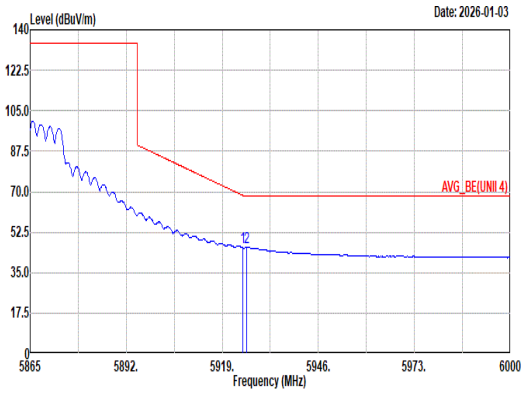
| Pol. | Vertical | Fundamental |
|---|---|---|
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5639.20 50.62 68.20 -17.58 40.11 32.94 10.35 32.78 0.00 117 3 Peak<br>2 5650.23 48.69 68.37 -19.68 38.15 33.00 10.33 32.79 0.00 117 3 Peak<br>3 5700.21 49.83 105.26 -55.43 38.99 33.40 10.25 32.81 0.00 117 3 Peak<br>4 5720.05 50.59 110.91 -60.32 39.70 33.48 10.22 32.81 0.00 117 3 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 109.85 ------ ------ 98.58 33.90 10.23 32.86 0.00 117 3 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5845.00 104.05 ------ ------ 92.80 33.90 10.21 32.86 0.00 117 3 Average |

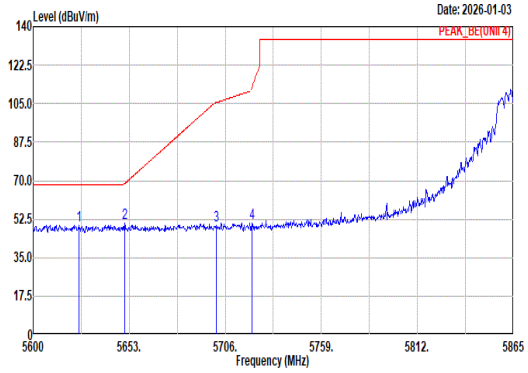
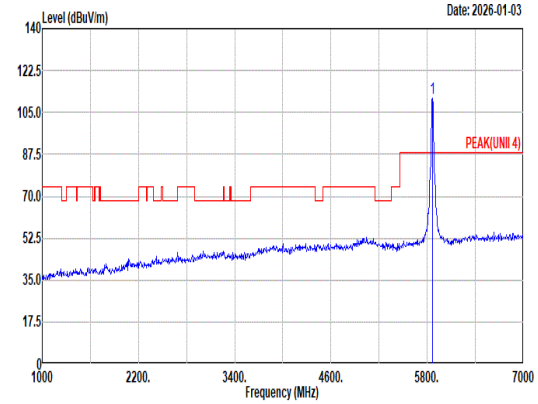
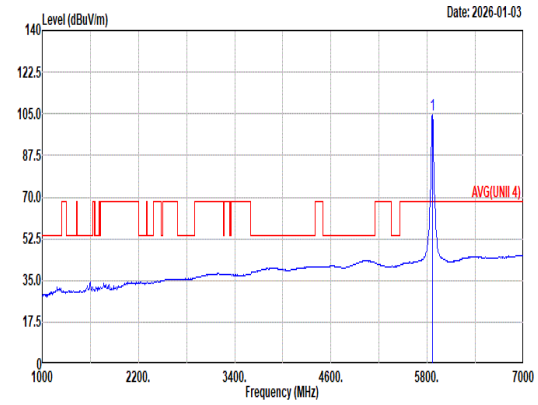
| Mode | 101 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.05 55.23 88.89 -33.66 43.49 34.15 10.48 32.89 0.00 117 3 Peak<br>2 5933.20 55.28 88.20 -32.92 43.49 34.17 10.51 32.89 0.00 117 3 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.98 44.40 68.21 -23.81 32.66 34.15 10.48 32.89 0.00 117 3 Average<br>2 5926.07 44.51 68.20 -23.69 32.77 34.15 10.48 32.89 0.00 117 3 Average | Blank |

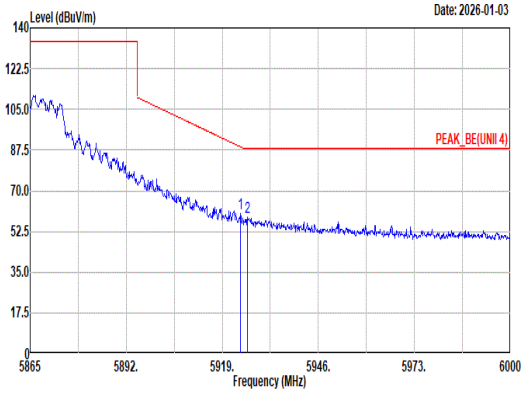
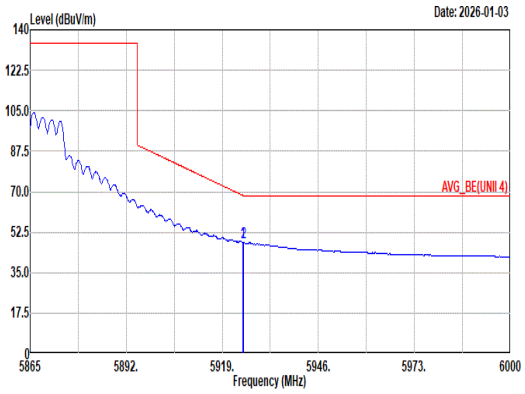
| Mode | 101 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11690.00 47.42 74.00 -26.58 56.76 38.58 17.65 66.02 0.45 -- -- Peak<br>2 17535.00 48.97 68.20 -19.23 54.28 38.81 21.77 66.38 0.49 -- -- Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11690.00 47.45 74.00 -26.55 56.79 38.58 17.65 66.02 0.45 -- -- Peak<br>2 17535.00 48.86 68.20 -19.34 54.17 38.81 21.77 66.38 0.49 -- -- Peak |

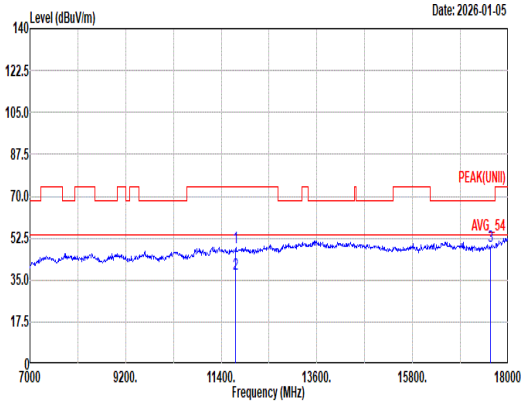
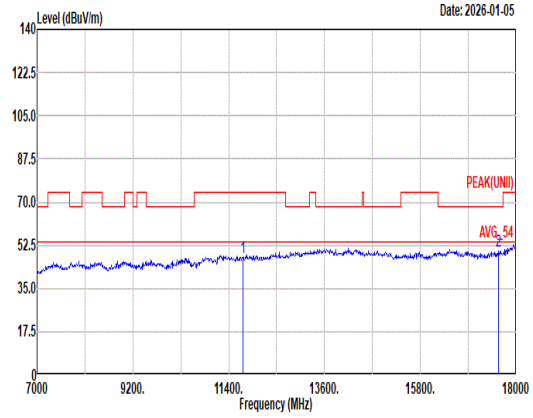
| Mode | 101 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH169_5845MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |

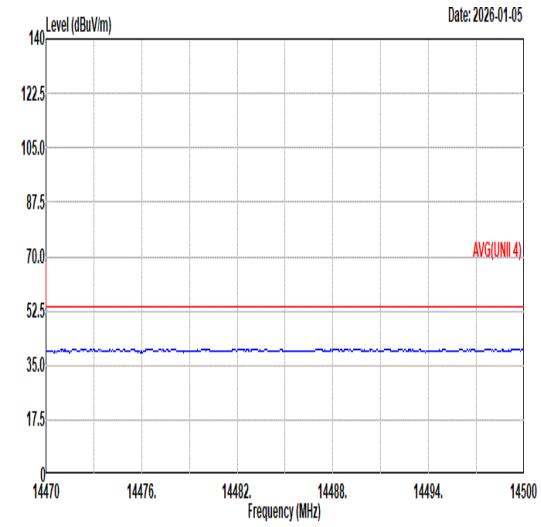
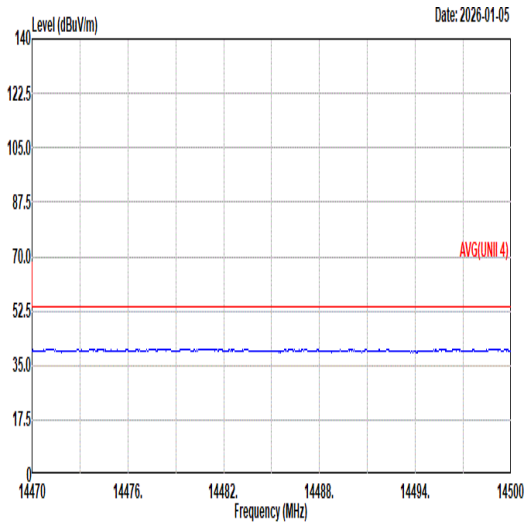
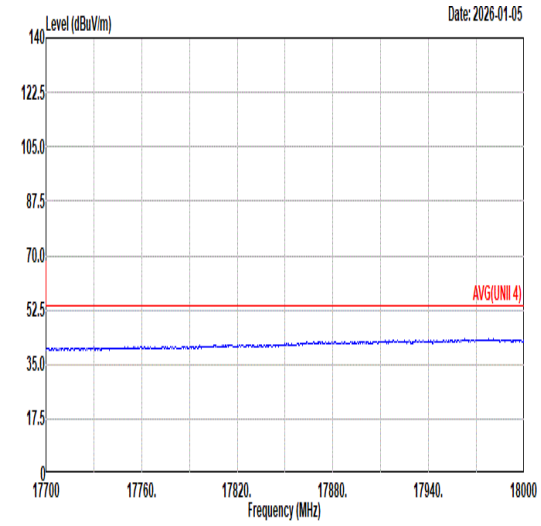
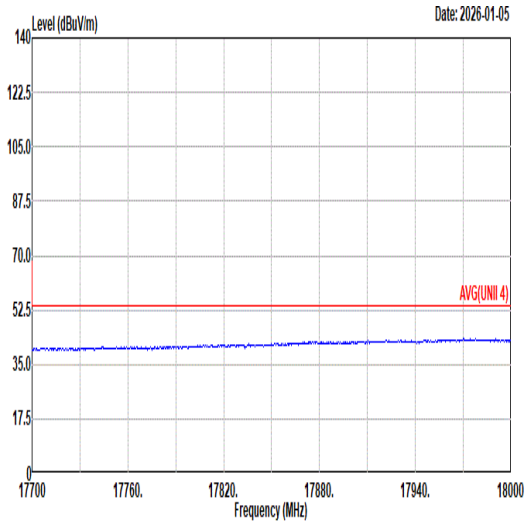
| Mode | 102 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5634.72 50.21 68.20 -17.99 39.72 32.91 10.36 32.78 0.00 100 12 Peak<br>2 5650.09 48.84 68.26 -19.42 38.30 33.00 10.33 32.79 0.00 100 12 Peak<br>3 5700.97 50.84 105.47 -54.63 40.00 33.40 10.25 32.81 0.00 100 12 Peak<br>4 5720.31 48.38 111.51 -63.13 37.49 33.48 10.22 32.81 0.00 100 12 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 107.72 ------ ------ 96.34 33.96 10.29 32.87 0.00 100 12 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 101.05 ------ ------ 89.67 33.96 10.29 32.87 0.00 100 12 Average |

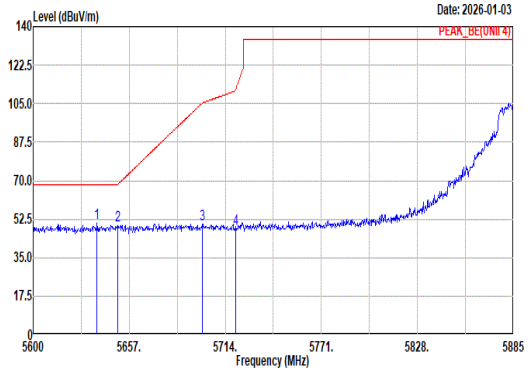
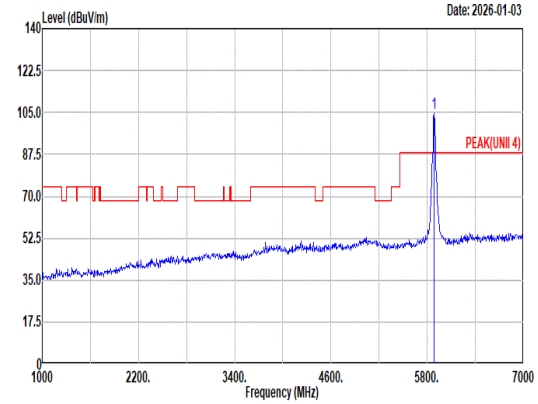
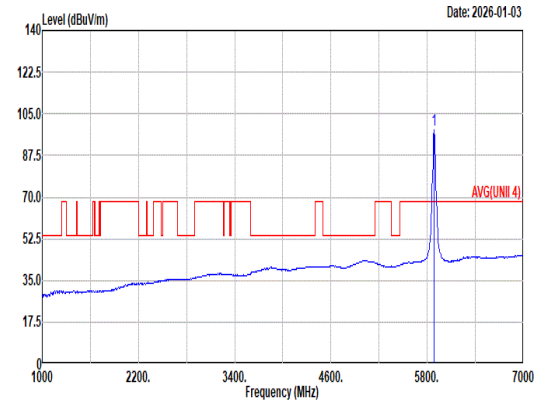
| Mode | 102 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5923.59 56.98 89.23 -32.25 45.24 34.15 10.48 32.89 0.00 100 12 Peak<br>2 5926.02 57.39 88.20 -30.81 45.65 34.15 10.48 32.89 0.00 100 12 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.81 45.78 68.34 -22.56 34.04 34.15 10.48 32.89 0.00 100 12 Average<br>2 5925.89 45.90 68.20 -22.30 34.16 34.15 10.48 32.89 0.00 100 12 Average | Blank |

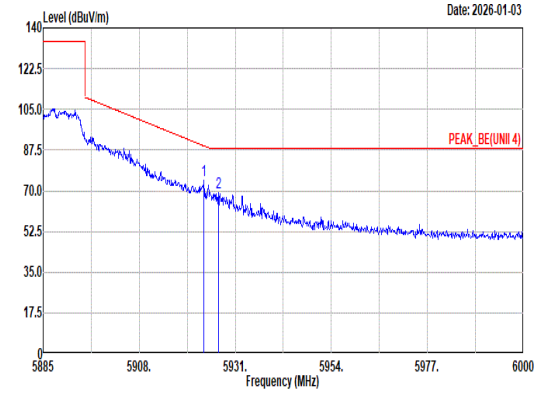
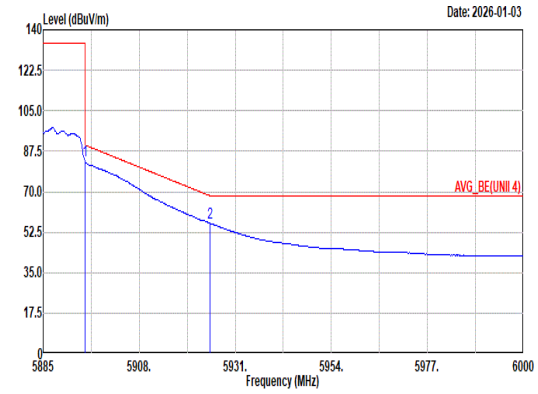
| Mode | 102 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5625.44 49.84 68.20 -18.36 39.39 32.85 10.38 32.78 0.00 100 4 Peak<br>2 5650.35 50.61 68.46 -17.85 40.07 33.00 10.33 32.79 0.00 100 4 Peak<br>3 5700.97 49.85 105.47 -55.62 39.01 33.40 10.25 32.81 0.00 100 4 Peak<br>4 5720.58 50.71 112.11 -61.40 39.82 33.48 10.22 32.81 0.00 100 4 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 110.92 ------ ------ 99.54 33.96 10.29 32.87 0.00 100 4 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5865.00 104.38 ------ ------ 93.00 33.96 10.29 32.87 0.00 100 4 Average |

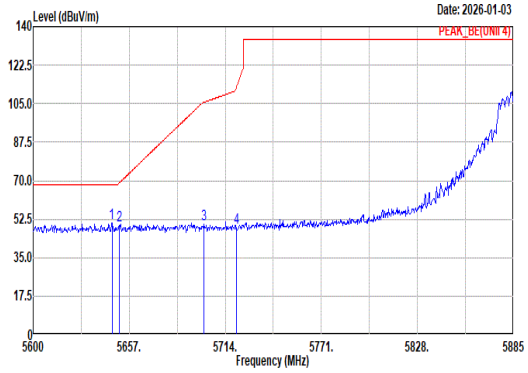
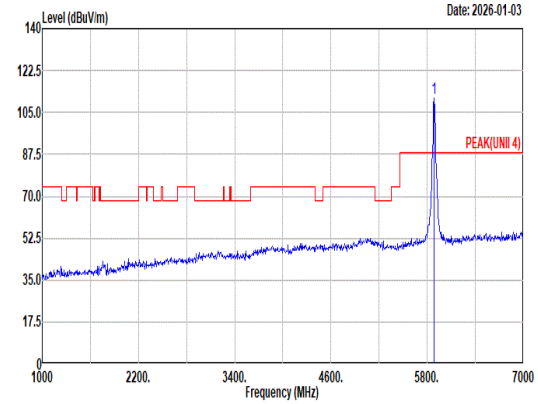
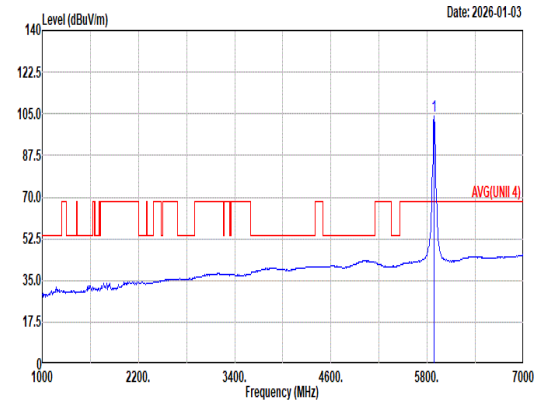
| Mode | 102 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.13 60.45 88.84 -28.39 48.71 34.15 10.48 32.89 0.00 100 4 Peak<br>2 5926.02 58.78 88.20 -29.42 47.04 34.15 10.48 32.89 0.00 100 4 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5924.67 48.27 68.44 -20.17 36.53 34.15 10.48 32.89 0.00 100 4 Average<br>2 5925.08 47.92 68.20 -20.28 36.18 34.15 10.48 32.89 0.00 100 4 Average | Blank |

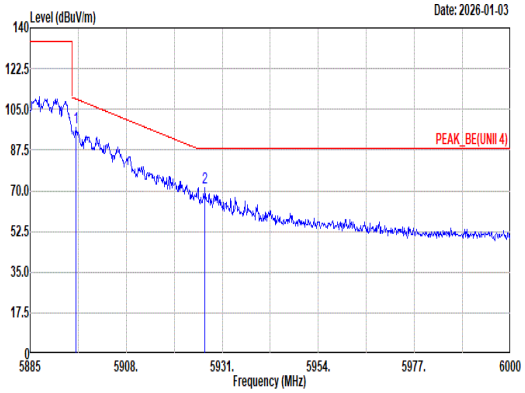
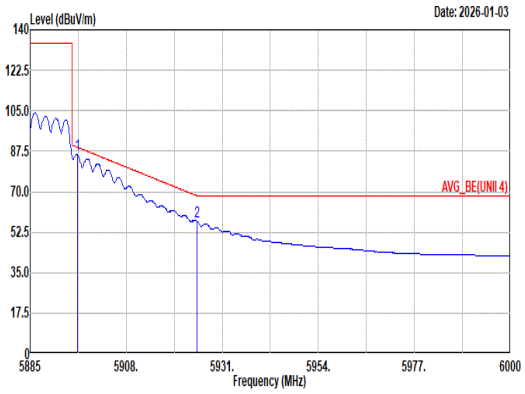
| Mode | 102 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11730.00 48.78 74.00 -25.22 58.16 38.48 17.69 66.01 0.46 -- -- Peak<br>2 11730.00 37.52 54.00 -16.48 46.90 38.48 17.69 66.01 0.46 -- -- Average<br>3 17595.00 49.05 68.20 -19.15 54.34 39.08 21.80 66.67 0.50 -- -- Peak |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11730.00 47.66 74.00 -26.34 57.04 38.48 17.69 66.01 0.46 -- -- Peak<br>2 17595.00 50.16 68.20 -18.04 55.45 39.08 21.80 66.67 0.50 -- -- Peak |

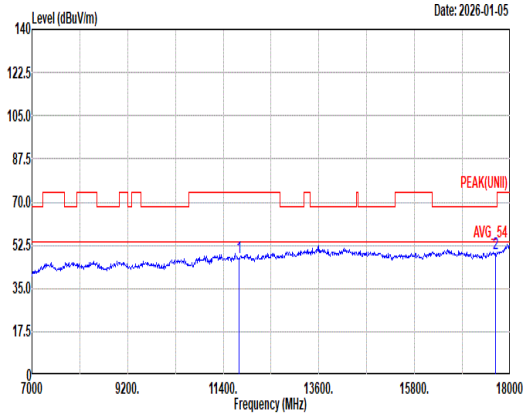
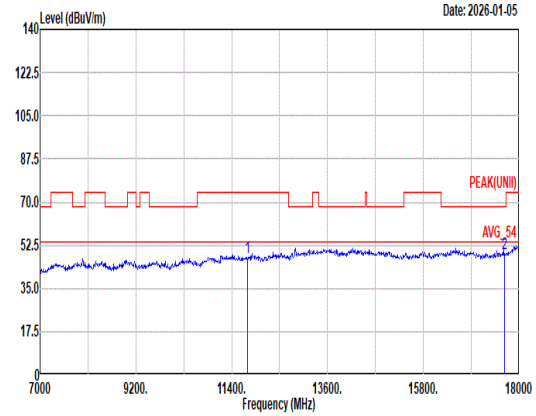
| Mode | 102 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH173_5865MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |

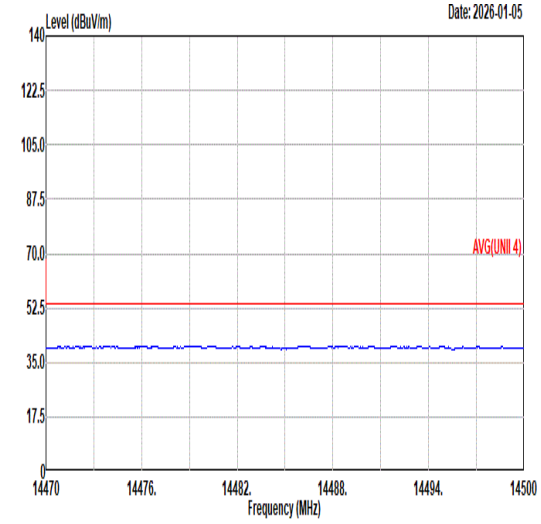
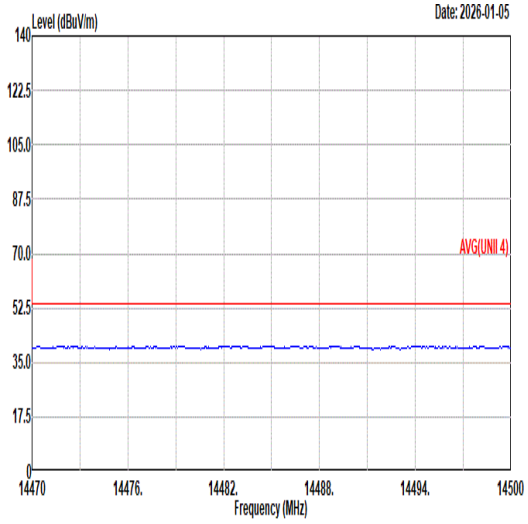
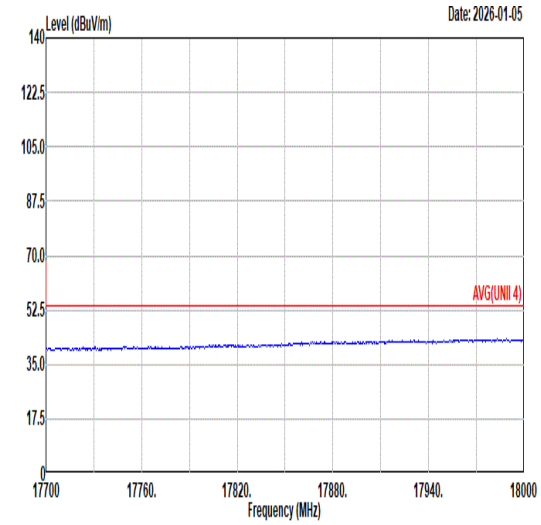
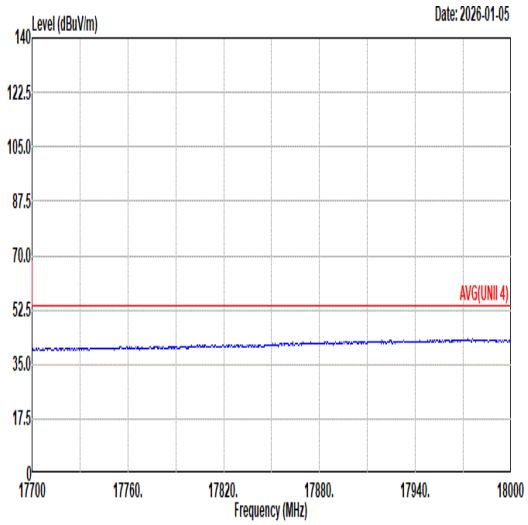
| Mode | 103 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5637.91 50.69 68.20 -17.51 40.18 32.93 10.36 32.78 0.00 100 301 Peak<br>2 5650.16 49.51 68.32 -18.81 38.97 33.00 10.33 32.79 0.00 100 301 Peak<br>3 5700.32 50.35 105.29 -54.94 39.51 33.40 10.25 32.81 0.00 100 301 Peak<br>4 5720.27 48.15 111.42 -63.27 37.26 33.48 10.22 32.81 0.00 100 301 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 104.37 ------ ------ 92.82 34.06 10.37 32.88 0.00 100 301 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 98.09 ------ ------ 86.54 34.06 10.37 32.88 0.00 100 301 Average |

| Mode | 103 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5923.53 74.48 89.28 -14.80 62.74 34.15 10.48 32.89 0.00 100 301 Peak<br>2 5926.98 69.01 88.20 -19.19 57.26 34.15 10.49 32.89 0.00 100 301 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5895.01 83.26 90.20 -6.94 71.68 34.08 10.38 32.88 0.00 100 301 Average<br>2 5925.02 56.31 68.20 -11.89 44.57 34.15 10.48 32.89 0.00 100 301 Average | Blank |

| Mode | 103 | |
|---|---|---|
| | Band Edge - L | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5646.74 50.59 68.20 -17.61 40.06 32.98 10.34 32.79 0.00 100 4 Peak<br>2 5651.02 49.86 68.95 -19.09 39.31 33.01 10.33 32.79 0.00 100 4 Peak<br>3 5701.18 50.09 105.53 -55.44 39.25 33.40 10.25 32.81 0.00 100 4 Peak<br>4 5720.56 48.62 112.07 -63.45 37.73 33.48 10.22 32.81 0.00 100 4 Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 110.94 ------ ------ 99.43 34.04 10.35 32.88 0.00 100 4 Peak |
| Avg | Blank |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5885.00 103.97 ------ ------ 92.46 34.04 10.35 32.88 0.00 100 4 Average |

| Mode | 103 | |
|---|---|---|
| | Band Edge - R | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH11-HY<br>Condition: PEAK_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5896.04 97.16 109.44 -12.28 85.57 34.08 10.39 32.88 0.00 100 4 Peak<br>2 5926.86 71.35 88.20 -16.85 59.60 34.15 10.49 32.89 0.00 100 4 Peak | Blank |
| Avg |  <br>Site : 03CH11-HY<br>Condition: AVG_BE(UNII 4) 3m 9120D_01620_250915 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 5896.39 85.91 89.18 -3.27 74.31 34.09 10.39 32.88 0.00 100 4 Average<br>2 5925.02 57.05 68.20 -11.15 45.31 34.15 10.48 32.89 0.00 100 4 Average | Blank |

| Mode | 103 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11770.00 47.79 74.00 -26.21 57.19 38.40 17.73 65.99 0.46 -- -- Peak<br>2 17655.00 48.89 68.20 -19.31 54.26 39.25 21.84 66.97 0.51 -- -- Peak |  <br><br>Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 11770.00 47.78 74.00 -26.22 57.18 38.40 17.73 65.99 0.46 -- -- Peak<br>2 17655.00 49.15 68.20 -19.05 54.52 39.25 21.84 66.97 0.51 -- -- Peak |

| Mode | 103 | |
|---|---|---|
| | Harmonic | |
| | U-NII-4_5.85-5.895_802.11n HT20_CH177_5885MHz | |
| ANT | 3+4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 HORIZONTAL |  <br>Site : 03CH11-HY<br>Condition: AVG(UNII 4) 3m 9120D_01620_250915 VERTICAL |