

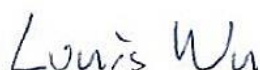


# FCC CO-LOCATION RADIO TEST REPORT

**FCC ID** : 2ATQRCA  
**Equipment** : Controller  
**Brand Name** : Skydio  
**Model Name** : CA110  
**Applicant** : Skydio, Inc  
3000 Clearview Way San Mateo CA 94402  
**Manufacturer** : Skydio, Inc  
3000 Clearview Way San Mateo CA 94402  
**Standard** : FCC Part 15 Subpart C §15.247  
FCC Part 15 Subpart E §15.407

The product was received on Oct. 01, 2025 and testing was performed from Mar. 12, 2026 to Mar. 13, 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 partial 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.



Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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## History of this test report

| Report No. | Version | Description             | Issue Date   |
|------------|---------|-------------------------|--------------|
| FR531837R  | 01      | Initial issue of report | May 20, 2026 |
|            |         |                         |              |
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|            |         |                         |              |

## Summary of Test Result

| Report Clause | Ref Std. Clause        | Test Items          | Result (PASS/FAIL) | Remark |
|---------------|------------------------|---------------------|--------------------|--------|
| 3.1           | 15.247(d)<br>15.407(b) | Unwanted Emissions  | Pass               | -      |
| 3.2           | 15.203                 | Antenna Requirement | Pass               | -      |

**Note:** The FR531837R report reuses test data from the original report FR531836R.

| <b>Conformity Assessment Condition:</b>                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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/manufacturee 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".                                                                                                                                                                                                                         |
| <b>Disclaimer:</b>                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                |
| 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: Danny Lee**

**Report Producer: Yuri Huang**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                                                                                                                                                                |                 |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------|
| <b>Integrated WLAN Module</b><br>Brand Name: Skydio<br>Model Name: SMODBV3S<br>FCC ID: 2ATQRSMODBV3<br>Radio Specs: Wi-Fi 2.4GHz 802.11 g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax. |                 |                                |
| <b>Antenna Type</b><br>WLAN:<br><Ant. 0>: Dipole Antenna<br><Ant. 2>: Dipole Antenna                                                                                           |                 |                                |
| Antenna information                                                                                                                                                            |                 |                                |
| <b>2400 MHz ~ 2483.5 MHz</b>                                                                                                                                                   | Peak Gain (dBi) | Ant. 0: 4.57<br>Ant. 2: 4.62   |
| <b>5150 MHz ~ 5250 MHz</b>                                                                                                                                                     | Peak Gain (dBi) | Ant. 0: 7.47<br>Ant. 2: 5.84   |
| <b>5250 MHz ~ 5350 MHz</b>                                                                                                                                                     | Peak Gain (dBi) | Ant. 0: 7.76<br>Ant. 2: 6.46   |
| <b>5470 MHz ~ 5725 MHz</b>                                                                                                                                                     | Peak Gain (dBi) | Ant. 0: 6.84<br>Ant. 2: 5.42   |
| <b>5725 MHz ~ 5850 MHz</b>                                                                                                                                                     | Peak Gain (dBi) | Ant. 0 : 7.33<br>Ant. 2 : 6.03 |

**Remark:** The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.

### 1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

|                    |                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------|
| 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.) |

FCC designation No.: TW3786

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

### 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 Part 15 Subpart C §15.247
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ ♦ ANSI C63.10-2020

**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.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

## 2 Test Configuration of Equipment Under Test

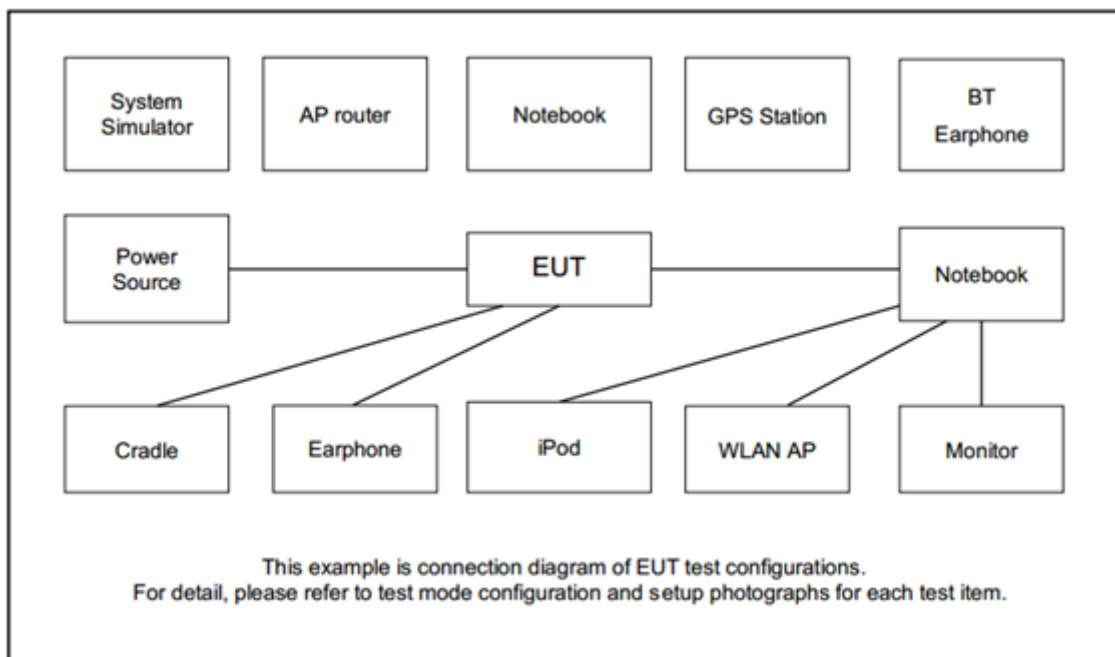
### 2.1 Test Mode

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: 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 adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

#### <Co-Location>

| Mode | Antenna | Test configuration                                 | Remark            |
|------|---------|----------------------------------------------------|-------------------|
| 1    | 0       | LTE Band 13 Link (5M CH23230 1RB0 QPSK)            | FN990A40          |
|      | 0+2     | 2.4GHz Tx 802.11ax HE20 Full RU Ch10 2457 MHz MCS0 | Skydiolink Module |
|      | 0       | 5GHz Tx 802.11ax HE160 Ch114 5570 MHz MCS0         | InfraWiFi Module  |
| 2    | 0       | LTE Band 13 Link (5M CH23230 1RB0 QPSK)            | FN990A40 Module   |
|      | 0+2     | 2.4GHz Tx 802.11ax HE20 Full RU Ch10 2457 MHz MCS0 | Skydiolink Module |
|      | 0       | 6GHz Tx 802.11ac VHT80 Ch215 7025MHz MCS0          | InfraWiFi Module  |
| 3    | 0       | LTE Band 13 Link (5M CH23230 1RB0 QPSK)            | FN990A40 Module   |
|      | 0+2     | 5GHz Tx 802.11ax HE20 Full RU Ch140 5700 MHz MCS0  | Skydiolink Module |
|      | 0       | 2.4GHz Tx 802.11b Ch06 2437 MHz 6Mbps              | InfraWiFi Module  |
|      | 1       | Bluetooth Tx EDR 8-DPSK Ch78 2480 MHz              | InfraWiFi Module  |
| 4    | 0       | LTE Band 13 Link (5M CH23230 1RB0 QPSK)            | FN990A40 Module   |
|      | 0+2     | 5GHz Tx 802.11ax HE20 Full RU Ch140 5700 MHz MCS0  | Skydiolink Module |
|      | 0       | 5GHz Tx 802.11ax HE160 Ch114 5570 MHz MCS0         | InfraWiFi Module  |
|      | 1       | Bluetooth Tx EDR 8-DPSK Ch78 2480 MHz              | InfraWiFi Module  |
| 5    | 0       | LTE Band 13 Link (5M CH23230 1RB0 QPSK)            | FN990A40 Module   |
|      | 0+2     | 5GHz Tx 802.11ax HE20 Full RU Ch140 5700 MHz MCS0  | Skydiolink Module |
|      | 0       | 6GHz Tx 802.11ac VHT80 Ch215 7025MHz MCS0          | InfraWiFi Module  |
|      | 1       | Bluetooth Tx EDR 8-DPSK Ch78 2480 MHz              | InfraWiFi Module  |

## 2.2 Connection Diagram of Test System



## 2.3 Support Unit used in test configuration and system

| Item | Equipment        | Brand Name | Model Name | FCC ID | Data Cable | Power Cord                                                 |
|------|------------------|------------|------------|--------|------------|------------------------------------------------------------|
| 1.   | Notebook         | Lenovo     | N/A        | N/A    | N/A        | AC I/P:<br>Unshielded, 1.2 m<br>DC O/P:<br>Shielded, 1.8 m |
| 2.   | System Simulator | Anritsu    | 8821C      | N/A    | N/A        | Unshielded,1.8m                                            |

## 2.4 EUT Operation Test Setup

The RF test items, utility "Tera Term v4.89" 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.

### 3 Test Result

#### 3.1 Unwanted Emissions Measurement

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

##### 3.1.1 Limit of Unwanted Emissions

###### <For 2402 MHz ~ 2480 MHz>

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device is measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB.

###### <For 5470 MHz ~ 5725 MHz >

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

###### <For 5925 MHz ~ 7125 MHz >

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

| EIRP (dBm) | Field Strength at 3m (dBμV/m) |
|------------|-------------------------------|
| - 27 (RMS) | 68.3                          |
| - 7 (Peak) | 88.3                          |

According 987594 D02 U-NII 6GHz EMC Measurement v03 section G:

Unwanted emissions outside of restricted bands are measured with a 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

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

| Frequency<br>(MHz) | Field Strength<br>(microvolts/meter) | Measurement Distance<br>(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.

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

| EIRP (dBm) | Field Strength at 3m (dBμV/m) |
|------------|-------------------------------|
| - 27       | 68.3                          |

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

### 3.1.2 Measuring Instruments

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



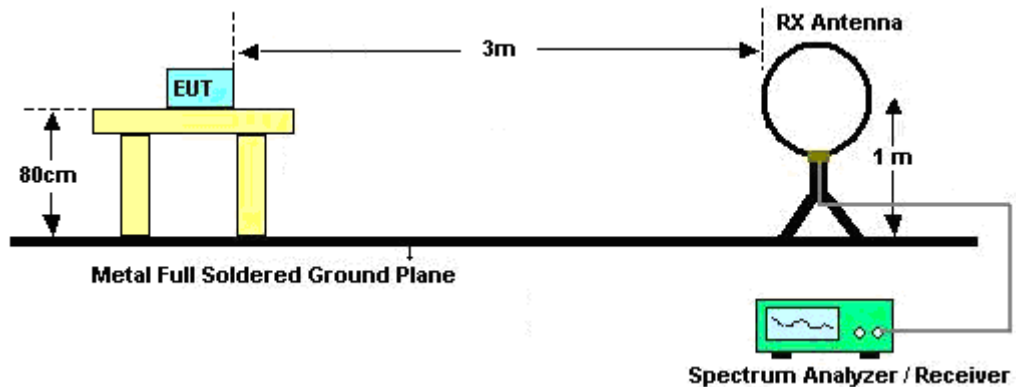
### 3.1.3 Test Procedures

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) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW  $\geq$  3 MHz
    - Detector = Peak
    - Sweep time = auto
    - Trace mode = max hold
  - (3) 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  $\geq$  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 is 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 is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The 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 of the antenna.
5. For each suspected emission, the EUT is 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 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading.  
When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.

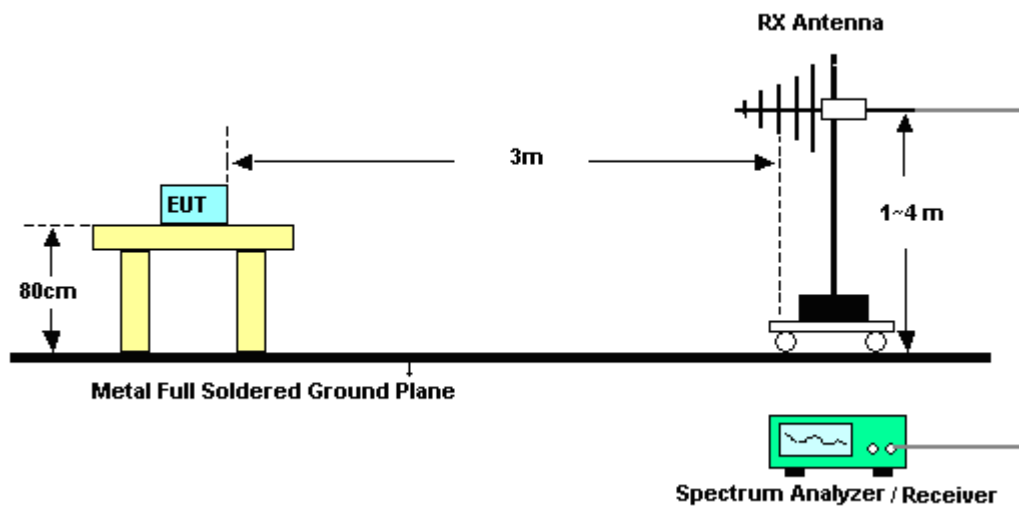
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

### 3.1.4 Test Setup

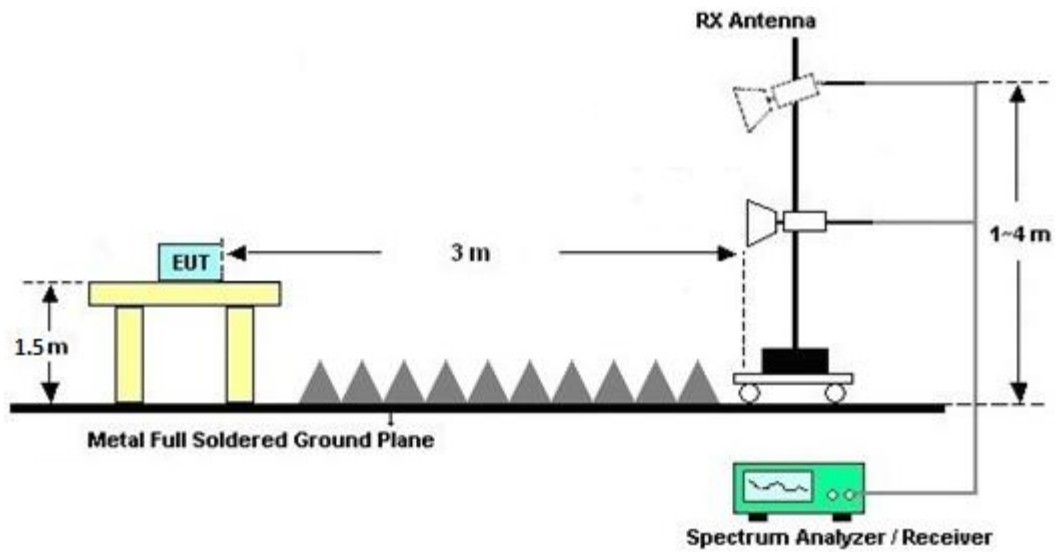
For radiated emissions below 30MHz



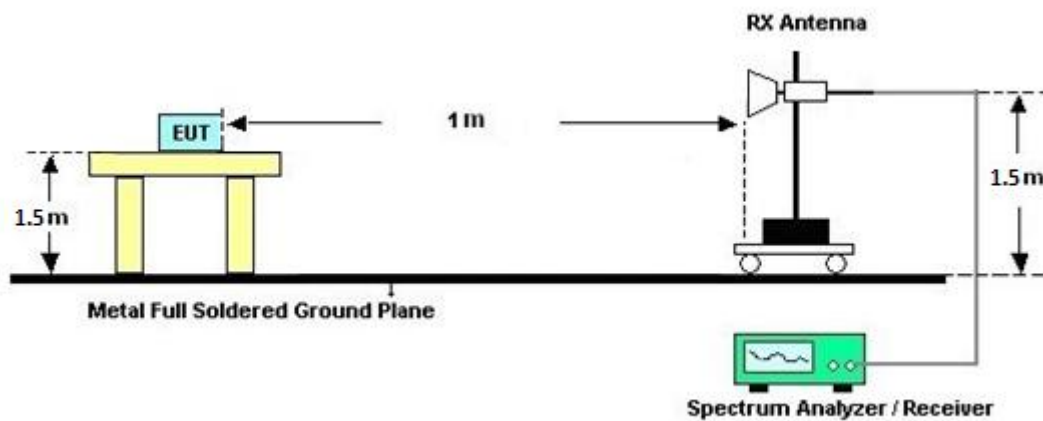
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz





### **3.1.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)**

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is 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.

### **3.1.6 Test Result of Radiated Spurious at Band Edges**

Please refer to Appendix A.

### **3.1.7 Duty Cycle**

Please refer to Appendix B.

### **3.1.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)**

Please refer to Appendix A.



## **3.2 Antenna Requirements**

### **3.2.1 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.

### **3.2.2 Antenna Anti-Replacement Construction**

Antenna permanently attached.



## 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                         | 101108                                   | 9kHz~30MHz                    | Dec. 11, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Dec. 10, 2026 | Radiation<br>(03CH16-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK              | BBHA9170                        | 1225                                     | 18GHz~40GHz                   | Jul. 02, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Jul. 01, 2026 | Radiation<br>(03CH16-HY) |
| EXA Signal Analyzer  | Keysight                 | N9010B                          | MY60241055                               | 10Hz~44GHz                    | Nov. 18, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Nov. 17, 2026 | Radiation<br>(03CH16-HY) |
| Bilog Antenna        | TESEQ                    | CBL 6111D &<br>00802N1D01N-06   | 47020 & 06                               | 30MHz to 1GHz                 | Oct. 04, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Oct. 03, 2026 | Radiation<br>(03CH16-HY) |
| Horn Antenna         | SCHWARZBECK              | BBHA 9120 D                     | 9120D-02038                              | 1G~18GHz                      | Aug. 07, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Aug. 06, 2026 | Radiation<br>(03CH16-HY) |
| Amplifier            | SONOMA                   | 310N                            | 371607                                   | 9kHz~1GHz                     | Jun. 30, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Jun. 29, 2026 | Radiation<br>(03CH16-HY) |
| Preamplifier         | Keysight                 | 83017A                          | MY53270264                               | 1GHz~26.5GHz                  | Sep. 12, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Sep. 11, 2026 | Radiation<br>(03CH16-HY) |
| Preamplifier         | EMEC                     | EM1G18G                         | 060812                                   | 1GHz~18GHz                    | Dec. 22, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Dec. 21, 2026 | Radiation<br>(03CH16-HY) |
| Preamplifier         | EMEC                     | EM18G40G                        | 060801                                   | 18GHz~40GHz                   | May 26, 2025     | Mar. 12, 2026~<br>Mar. 13, 2026 | May 25, 2026  | Radiation<br>(03CH16-HY) |
| Filter               | Wainwright               | WLK4-1000-<br>1530-8000-40SS    | SN17                                     | 1.53GHz Low Pass Filter       | Jan. 13, 2026    | Mar. 12, 2026~<br>Mar. 13, 2026 | Jan. 12, 2027 | Radiation<br>(03CH16-HY) |
| Notch Filter         | Wainwright               | WHKX12-2700-<br>3000-18000-60ST | SN3                                      | 3GHz High Pass Filter         | Jun. 26, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Jun. 25, 2026 | Radiation<br>(03CH16-HY) |
| Notch Filter         | Titan Microwave Co., Ltd | T04H800025000<br>60S01          | SN1                                      | 8GHz High Pass Filter         | Aug. 19, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Aug. 18, 2026 | Radiation<br>(03CH16-HY) |
| RF Cable             | HUBER + SUHNER           | SUCOFLEX 102                    | 801606/2                                 | 9KHz ~ 40GHz                  | Apr. 23, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Apr. 22, 2026 | Radiation<br>(03CH16-HY) |
| RF Cable             | HUBER + SUHNER           | SUCOFLEX 102/SUCOFLEX 104       | EC-A5-300-<br>5757,805935/4,<br>802434/4 | 30MHz~18GHz                   | Aug. 06, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Aug. 05, 2026 | Radiation<br>(03CH16-HY) |
| RF Cable             | HUBER + SUHNER           | SUCOFLEX 102                    | 804011/2,804012/2                        | 18-40GHz                      | Dec. 18, 2025    | Mar. 12, 2026~<br>Mar. 13, 2026 | Dec. 17, 2026 | Radiation<br>(03CH16-HY) |
| Software             | Audix                    | E3 230621 V9                    | RK-002393                                | N/A                           | N/A              | Mar. 12, 2026~<br>Mar. 13, 2026 | N/A           | Radiation<br>(03CH16-HY) |
| Controller           | ChainTek                 | 3000-1                          | N/A                                      | Control Turn table & Ant Mast | N/A              | Mar. 12, 2026~<br>Mar. 13, 2026 | N/A           | Radiation<br>(03CH16-HY) |
| Antenna Mast         | ChainTek                 | MBS-520-1                       | N/A                                      | 1m~4m                         | N/A              | Mar. 12, 2026~<br>Mar. 13, 2026 | N/A           | Radiation<br>(03CH16-HY) |
| Turn Table           | ChainTek                 | T-200-S-1                       | N/A                                      | 0~360 Degree                  | N/A              | Mar. 12, 2026~<br>Mar. 13, 2026 | N/A           | Radiation<br>(03CH16-HY) |



## 5 Measurement Uncertainty

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

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

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

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 4.6 dB |
|----------------------------------------------------------------------------|--------|

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

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.6 dB |
|----------------------------------------------------------------------------|--------|

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

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.2 dB |
|----------------------------------------------------------------------------|--------|



## Appendix A. Radiated Spurious Emission Test Data

|                 |                                |                     |             |
|-----------------|--------------------------------|---------------------|-------------|
| Test Engineer : | Jerry Lan, Gary Guo, Steven Wu | Temperature :       | 22.8~25.2°C |
|                 |                                | Relative Humidity : | 48.2~54.3%  |

### A1. Radiated Spurious Emission Test Modes

| Mode                 | Band (MHz)  | Antenna | Modulation                 | Channel | Frequency | Data Rate | RU         | Remark     |
|----------------------|-------------|---------|----------------------------|---------|-----------|-----------|------------|------------|
| Mode 1<br>(Harmonic) | 700MHz      | -       | Band 13<br>5M 1RB0<br>QPSK | 23230   | 782       | -         | -          | FN990A40   |
|                      | 2400-2483.5 | 0+2     | 802.11ax<br>HE20           | 10      | 2457      | MCS0      | Full<br>RU | Skydiolink |
|                      | 5.47-5.725  | 0       | 802.11ax<br>HE160          | 114     | 5570      | MCS0      | Full<br>RU | InfraWiFi  |
| Mode 2<br>(Harmonic) | 700MHz      | -       | Band 13<br>5M 1RB0<br>QPSK | 23230   | 782       | -         | -          | FN990A40   |
|                      | 2400-2483.5 | 0+2     | 802.11ax<br>HE20           | 10      | 2457      | MCS0      | Full<br>RU | Skydiolink |
|                      | 6.875-7.125 | 0       | 802.11ac<br>VHT80          | 215     | 7025      | MCS0      |            | InfraWiFi  |
| Mode 3<br>(Harmonic) | 700MHz      | -       | Band 13<br>5M 1RB0<br>QPSK | 23230   | 782       | -         | -          | FN990A40   |
|                      | 5.47-5.725  | 0+2     | 802.11ax<br>HE20           | 140     | 5700      | MCS0      | Full<br>RU | Skydiolink |
|                      | 2400-2483.5 | 0       | 802.11b                    | 06      | 2437      | 1Mbps     | -          | InfraWiFi  |
|                      | 2400-2483.5 | 1       | Bluetooth<br>EDR<br>8-DPSK | 78      | 2480      | 3Mbps     | -          | InfraWiFi  |

| Mode                 | Band<br>(MHz) | Antenna | Modulation                 | Channel | Frequency | Data<br>Rate | RU         | Remark     |
|----------------------|---------------|---------|----------------------------|---------|-----------|--------------|------------|------------|
| Mode 4<br>(Harmonic) | 700MHz        | -       | Band 13<br>5M 1RB0<br>QPSK | 23230   | 782       | -            | -          | FN990A40   |
|                      | 5.47-5.725    | 0+2     | 802.11ax<br>HE20           | 140     | 5700      | MCS0         | Full<br>RU | Skydiolink |
|                      | 5.47-5.725    | 0       | 802.11ax<br>HE160          | 114     | 5570      | MCS0         | Full<br>RU | InfraWiFi  |
|                      | 2400-2483.5   | 1       | Bluetooth<br>EDR<br>8-DPSK | 78      | 2480      | 3Mbps        | -          | InfraWiFi  |
| Mode 5<br>(Harmonic) | 700MHz        | -       | Band 13<br>5M 1RB0<br>QPSK | 23230   | 782       | -            | -          | FN990A40   |
|                      | 5.47-5.725    | 0+2     | 802.11ax<br>HE20           | 140     | 5700      | MCS0         | Full<br>RU | Skydiolink |
|                      | 6.875-7.125   | 0       | 802.11ac<br>VHT80          | 215     | 7025      | MCS0         | -          | InfraWiFi  |
|                      | 2400-2483.5   | 1       | Bluetooth<br>EDR<br>8-DPSK | 78      | 2480      | 3Mbps        | -          | InfraWiFi  |
| Mode 6<br>(LF)       | 700MHz        | -       | Band 13<br>5M 1RB0<br>QPSK | 23230   | 782       | -            | -          | FN990A40   |
|                      | 2400-2483.5   | 0+2     | 802.11ax<br>HE20           | 10      | 2457      | MCS0         | Full<br>RU | Skydiolink |
|                      | 6.875-7.125   | 0       | 802.11ac<br>VHT80          | 215     | 7025      | MCS0         |            | InfraWiFi  |

## C2. Summary of each worse mode

| Mode | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | Remark   |
|------|----------------|-------------------|-------------------|----------------|------|--------------|--------|----------|
| 1    | 4914.00        | 46.15             | 54.00             | -7.85          | H    | Avg.         | Pass   | Harmonic |
| 2    | 7371.00        | 48.51             | 54.00             | -5.49          | H    | Avg.         | Pass   | Harmonic |
| 3    | 4874.00        | 44.83             | 54.00             | -9.17          | H    | Avg.         | Pass   | Harmonic |
| 4    | 16710.00       | 48.60             | 68.20             | -19.60         | H    | Peak         | Pass   | Harmonic |
| 5    | 7440.00        | 58.59             | 74.00             | -15.41         | H    | Peak         | Pass   | Harmonic |
| 6    | 180.35         | 36.51             | 43.50             | -6.99          | V    | Peak         | Pass   | LF       |

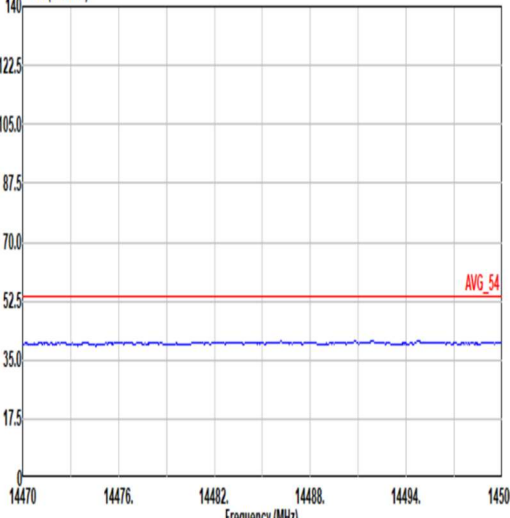
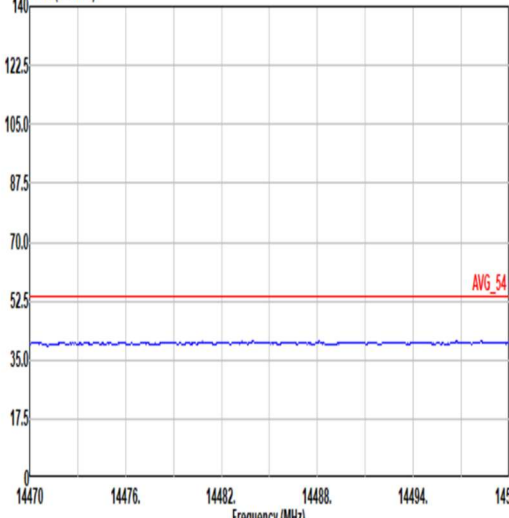
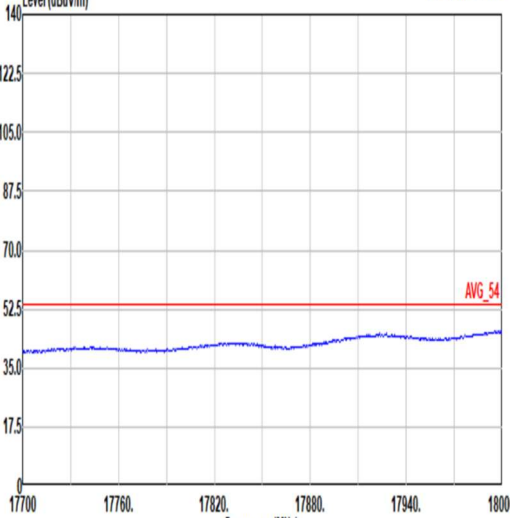
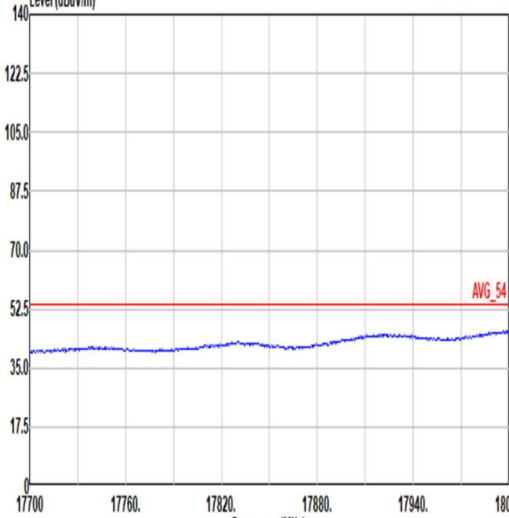


| Mode        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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|             | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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|             | Simultaneous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| Peak<br>Avg | <div><p>Level (dBuV/m) Date: 2026-03-13</p><p>Site : 03CH16-HY<br/>Condition: PEAK(UNII) 1m SHF_1224_250702 HORIZONTAL</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>1559.00</td><td>69.03</td><td>-----</td><td>63.25</td><td>25.31</td><td>6.72</td><td>36.39</td><td>9.93</td><td>-- -- Peak</td></tr><tr><td>2</td><td>2339.00</td><td>91.77</td><td>-----</td><td>82.38</td><td>27.30</td><td>8.12</td><td>36.09</td><td>9.92</td><td>-- -- Peak</td></tr><tr><td>3</td><td>2457.00</td><td>107.06</td><td>-----</td><td>97.30</td><td>27.50</td><td>8.27</td><td>36.11</td><td>9.92</td><td>-- -- Peak</td></tr><tr><td>4</td><td>4914.00</td><td>55.44</td><td>74.00 -18.56</td><td>47.18</td><td>32.71</td><td>11.31</td><td>36.17</td><td>0.41</td><td>183 360 Peak</td></tr><tr><td>5</td><td>4914.00</td><td>46.15</td><td>54.00 -7.85</td><td>37.89</td><td>32.71</td><td>11.31</td><td>36.17</td><td>0.41</td><td>183 360 Average</td></tr><tr><td>6</td><td>5570.00</td><td>94.72</td><td>-----</td><td>85.89</td><td>32.00</td><td>11.90</td><td>36.25</td><td>0.38</td><td>300 30 Peak</td></tr><tr><td>7</td><td>7371.00</td><td>44.90</td><td>74.00 -29.10</td><td>59.00</td><td>36.47</td><td>13.66</td><td>65.79</td><td>0.96</td><td>-- -- Peak</td></tr><tr><td>8</td><td>11140.00</td><td>46.86</td><td>74.00 -27.14</td><td>56.62</td><td>38.60</td><td>16.72</td><td>65.91</td><td>0.83</td><td>-- -- Peak</td></tr><tr><td>9</td><td>16710.00</td><td>49.04</td><td>68.20 -19.16</td><td>56.10</td><td>38.36</td><td>20.64</td><td>66.81</td><td>0.75</td><td>-- -- Peak</td></tr></table></div> |          | Limit        | Read  | Ant    | Cable  | Preamp | Aux    | APos            | TPos   | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm deg | 1 | 1559.00 | 69.03 | ----- | 63.25 | 25.31 | 6.72 | 36.39 | 9.93 | -- -- Peak | 2 | 2339.00 | 91.77 | ----- | 82.38 | 27.30 | 8.12 | 36.09 | 9.92 | -- -- Peak | 3 | 2457.00 | 107.06 | ----- | 97.30 | 27.50 | 8.27 | 36.11 | 9.92 | -- -- Peak | 4 | 4914.00 | 55.44 | 74.00 -18.56 | 47.18 | 32.71 | 11.31 | 36.17 | 0.41 | 183 360 Peak | 5 | 4914.00 | 46.15 | 54.00 -7.85 | 37.89 | 32.71 | 11.31 | 36.17 | 0.41 | 183 360 Average | 6 | 5570.00 | 94.72 | ----- | 85.89 | 32.00 | 11.90 | 36.25 | 0.38 | 300 30 Peak | 7 | 7371.00 | 44.90 | 74.00 -29.10 | 59.00 | 36.47 | 13.66 | 65.79 | 0.96 | -- -- Peak | 8 | 11140.00 | 46.86 | 74.00 -27.14 | 56.62 | 38.60 | 16.72 | 65.91 | 0.83 | -- -- Peak | 9 | 16710.00 | 49.04 | 68.20 -19.16 | 56.10 | 38.36 | 20.64 | 66.81 | 0.75 | -- -- Peak | <div><p>Level (dBuV/m) Date: 2026-03-13</p><p>Site : 03CH16-HY<br/>Condition: PEAK(UNII) 1m SHF_1224_250702 VERTICAL</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>1559.00</td><td>73.46</td><td>-----</td><td>67.68</td><td>25.31</td><td>6.72</td><td>36.39</td><td>9.93</td><td>-- -- Peak</td></tr><tr><td>2</td><td>2339.00</td><td>99.36</td><td>-----</td><td>89.97</td><td>27.30</td><td>8.12</td><td>36.09</td><td>9.92</td><td>-- -- Peak</td></tr><tr><td>3</td><td>2457.00</td><td>106.17</td><td>-----</td><td>96.41</td><td>27.50</td><td>8.27</td><td>36.11</td><td>9.92</td><td>-- -- Peak</td></tr><tr><td>4</td><td>4914.00</td><td>52.98</td><td>74.00 -21.02</td><td>44.72</td><td>32.71</td><td>11.31</td><td>36.17</td><td>0.41</td><td>300 0 Peak</td></tr><tr><td>5</td><td>4914.00</td><td>42.54</td><td>54.00 -11.46</td><td>34.28</td><td>32.71</td><td>11.31</td><td>36.17</td><td>0.41</td><td>300 0 Average</td></tr><tr><td>6</td><td>5570.00</td><td>99.39</td><td>-----</td><td>90.58</td><td>32.00</td><td>11.86</td><td>36.24</td><td>0.39</td><td>-- -- Peak</td></tr><tr><td>7</td><td>7371.00</td><td>44.93</td><td>74.00 -29.07</td><td>59.63</td><td>36.47</td><td>13.66</td><td>65.79</td><td>0.96</td><td>-- -- Peak</td></tr><tr><td>8</td><td>11140.00</td><td>47.92</td><td>74.00 -26.08</td><td>57.68</td><td>38.60</td><td>16.72</td><td>65.91</td><td>0.83</td><td>-- -- Peak</td></tr><tr><td>9</td><td>16710.00</td><td>49.09</td><td>68.20 -19.11</td><td>56.15</td><td>38.36</td><td>20.64</td><td>66.81</td><td>0.75</td><td>-- -- Peak</td></tr></table></div> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm deg | 1 | 1559.00 | 73.46 | ----- | 67.68 | 25.31 | 6.72 | 36.39 | 9.93 | -- -- Peak | 2 | 2339.00 | 99.36 | ----- | 89.97 | 27.30 | 8.12 | 36.09 | 9.92 | -- -- Peak | 3 | 2457.00 | 106.17 | ----- | 96.41 | 27.50 | 8.27 | 36.11 | 9.92 | -- -- Peak | 4 | 4914.00 | 52.98 | 74.00 -21.02 | 44.72 | 32.71 | 11.31 | 36.17 | 0.41 | 300 0 Peak | 5 | 4914.00 | 42.54 | 54.00 -11.46 | 34.28 | 32.71 | 11.31 | 36.17 | 0.41 | 300 0 Average | 6 | 5570.00 | 99.39 | ----- | 90.58 | 32.00 | 11.86 | 36.24 | 0.39 | -- -- Peak | 7 | 7371.00 | 44.93 | 74.00 -29.07 | 59.63 | 36.47 | 13.66 | 65.79 | 0.96 | -- -- Peak | 8 | 11140.00 | 47.92 | 74.00 -26.08 | 57.68 | 38.60 | 16.72 | 65.91 | 0.83 | -- -- Peak | 9 | 16710.00 | 49.09 | 68.20 -19.11 | 56.15 | 38.36 | 20.64 | 66.81 | 0.75 | -- -- Peak |
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     | Ant   | Cable  | Preamp | Aux    | APos   | TPos            | Remark |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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     | Level | Factor | Loss   | Factor | Factor |                 |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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     | dBuV  | dB/m   | dB     | dB     | dB     | cm deg          |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 1           | 1559.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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     | 63.25 | 25.31  | 6.72   | 36.39  | 9.93   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 2           | 2339.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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     | 82.38 | 27.30  | 8.12   | 36.09  | 9.92   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 3           | 2457.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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     | 97.30 | 27.50  | 8.27   | 36.11  | 9.92   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 4           | 4914.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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-18.56 | 47.18 | 32.71  | 11.31  | 36.17  | 0.41   | 183 360 Peak    |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 5           | 4914.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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-7.85  | 37.89 | 32.71  | 11.31  | 36.17  | 0.41   | 183 360 Average |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 6           | 5570.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 94.72    | -----        | 85.89 | 32.00  | 11.90  | 36.25  | 0.38   | 300 30 Peak     |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 7           | 7371.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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-29.10 | 59.00 | 36.47  | 13.66  | 65.79  | 0.96   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 8           | 11140.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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-27.14 | 56.62 | 38.60  | 16.72  | 65.91  | 0.83   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 9           | 16710.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 49.04    | 68.20 -19.16 | 56.10 | 38.36  | 20.64  | 66.81  | 0.75   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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     | Level | Factor | Loss   | Factor | Factor |                 |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 1           | 1559.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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     | 67.68 | 25.31  | 6.72   | 36.39  | 9.93   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 2           | 2339.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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     | 89.97 | 27.30  | 8.12   | 36.09  | 9.92   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 3           | 2457.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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     | 96.41 | 27.50  | 8.27   | 36.11  | 9.92   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 4           | 4914.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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-21.02 | 44.72 | 32.71  | 11.31  | 36.17  | 0.41   | 300 0 Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 5           | 4914.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 42.54    | 54.00 -11.46 | 34.28 | 32.71  | 11.31  | 36.17  | 0.41   | 300 0 Average   |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 6           | 5570.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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     | 90.58 | 32.00  | 11.86  | 36.24  | 0.39   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |     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| 7           | 7371.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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-29.07 | 59.63 | 36.47  | 13.66  | 65.79  | 0.96   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 8           | 11140.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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-26.08 | 57.68 | 38.60  | 16.72  | 65.91  | 0.83   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |   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| 9           | 16710.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 49.09    | 68.20 -19.11 | 56.15 | 38.36  | 20.64  | 66.81  | 0.75   | -- -- Peak      |        |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |              |   |         |       |             |       |       |       |       |      |                 |   |         |       |       |       |       |       |       |      |             |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |    |        |   |         |       |       |       |       |      |       |      |            |   |         |       |       |       |       |      |       |      |            |   |         |        |       |       |       |      |       |      |            |   |         |       |              |       |       |       |       |      |            |   |         |       |              |       |       |       |       |      |               |   |         |       |       |       |       |       |       |      |            |   |         |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |   |          |       |              |       |       |       |       |      |            |

## Note:

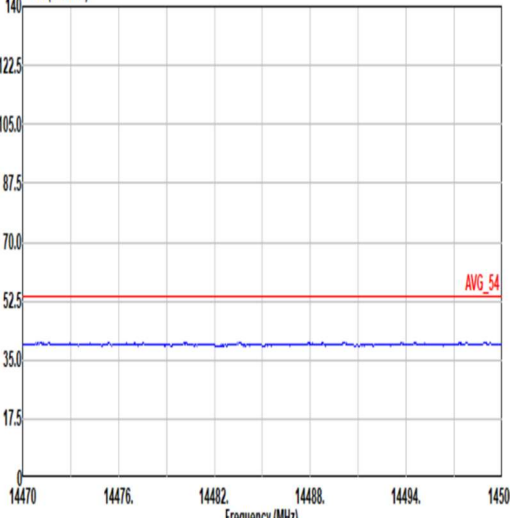
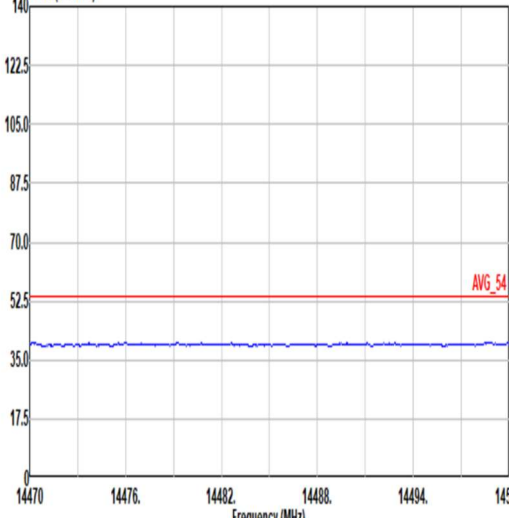
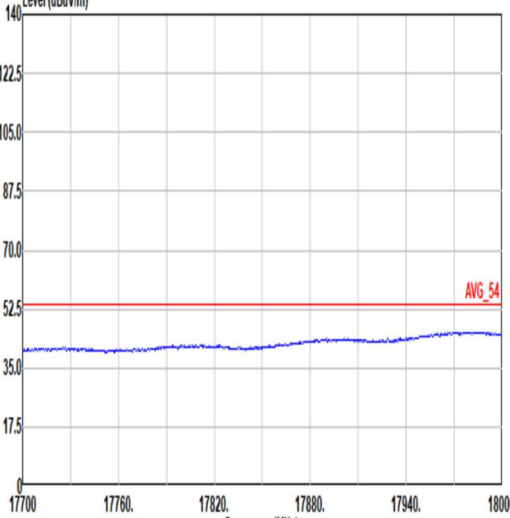
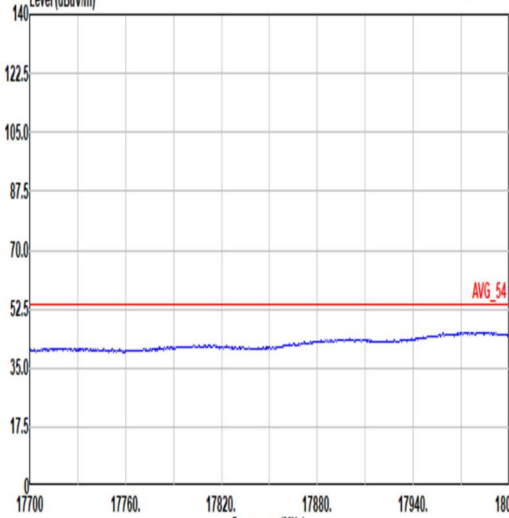
- #1 and #2 are WWAN harmonic signals and can be ignored.
- #3 and #6 are WLAN fundamental signals and can be ignored.



| Mode                    | 1                                                                                                                                                                                                         |                                                                                                                                                                                                          |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                                                                  |                                                                                                                                                                                                          |
|                         | Simultaneous                                                                                                                                                                                              |                                                                                                                                                                                                          |
| Pol.                    | Horizontal                                                                                                                                                                                                | Vertical                                                                                                                                                                                                 |
| 14.47G<br>~14.5G<br>Avg | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p>  | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p>  |
| 17G<br>~18G<br>Avg      | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p> | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p> |





| Mode                    | 2                                                                                                                                                                                                         |                                                                                                                                                                                                          |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                                                                  |                                                                                                                                                                                                          |
|                         | Simultaneous                                                                                                                                                                                              |                                                                                                                                                                                                          |
| Pol.                    | Horizontal                                                                                                                                                                                                | Vertical                                                                                                                                                                                                 |
| 14.47G<br>~14.5G<br>Avg | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p>  | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p>  |
| 17G<br>~18G<br>Avg      | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p> | <p>Level (dBuV/m) Date: 2026-03-13</p>  <p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p> |



3

Mode

Harmonic

Simultaneous

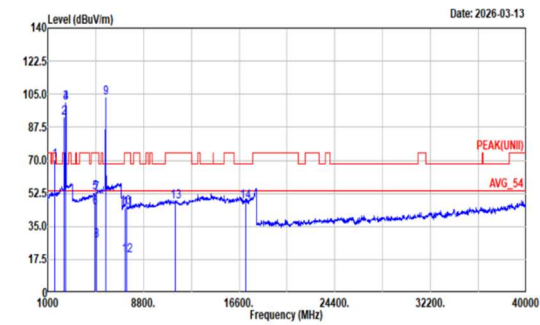
Pol.

Horizontal

Vertical

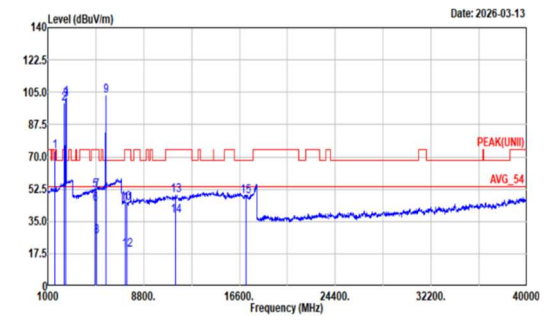
Peak

Avg



Site : 03CH16-HY  
Condition: PEAK(UNII) 1m SHF\_1224\_250702 HORIZONTAL

|    | Freq     | Level  | Limit  | Line Margin | Read  | Ant   | Cable | Preamp | Aux  | APos | TPos | Remark  |
|----|----------|--------|--------|-------------|-------|-------|-------|--------|------|------|------|---------|
|    | MHz      | dBuV/m | dBuV/m | dB          | dBuV  | dB/m  | dB    | dB     | dB   | cm   | deg  |         |
| 1  | 1559.00  | 69.99  | -----  | -----       | 64.21 | 25.31 | 6.72  | 36.39  | 9.93 | --   | --   | Peak    |
| 2  | 2339.00  | 92.49  | -----  | -----       | 83.10 | 27.30 | 8.12  | 36.09  | 9.92 | --   | --   | Peak    |
| 3  | 2437.00  | 100.36 | -----  | -----       | 90.55 | 27.57 | 8.25  | 36.10  | 9.92 | --   | --   | Peak    |
| 4  | 2480.00  | 100.36 | -----  | -----       | 90.27 | 27.00 | 8.30  | 36.11  | 9.92 | --   | --   | Peak    |
| 5  | 4874.00  | 52.59  | 74.00  | -21.41      | 44.46 | 32.60 | 11.31 | 36.18  | 0.40 | 100  | 15   | Peak    |
| 6  | 4874.00  | 44.83  | 54.00  | -9.17       | 36.70 | 32.60 | 11.31 | 36.18  | 0.40 | 100  | 15   | Average |
| 7  | 4960.00  | 52.50  | 74.00  | -21.50      | 43.94 | 33.02 | 11.30 | 36.17  | 0.41 | 200  | 294  | Peak    |
| 8  | 4960.00  | 27.71  | 54.00  | -26.29      | --    | --    | --    | --     | --   | --   | --   | Average |
| 9  | 5700.00  | 103.16 | -----  | -----       | 93.68 | 33.35 | 12.02 | 36.29  | 0.40 | --   | --   | Peak    |
| 10 | 7311.00  | 44.88  | 74.00  | -29.12      | 59.40 | 36.68 | 13.61 | 65.76  | 0.95 | --   | --   | Peak    |
| 11 | 7440.00  | 44.34  | 74.00  | -29.66      | 59.10 | 36.30 | 13.73 | 65.81  | 1.02 | --   | --   | Peak    |
| 12 | 7440.00  | 19.55  | 54.00  | -34.45      | --    | --    | --    | --     | --   | --   | --   | Average |
| 13 | 11400.00 | 47.99  | 74.00  | -26.01      | 57.28 | 39.00 | 16.92 | 66.00  | 0.79 | --   | --   | Peak    |
| 14 | 17100.00 | 47.94  | 68.20  | -20.26      | 54.51 | 38.00 | 20.90 | 66.25  | 0.78 | --   | --   | Peak    |



Site : 03CH16-HY  
Condition: PEAK(UNII) 1m SHF\_1224\_250702 VERTICAL

|    | Freq     | Level  | Limit  | Line   | Margin | Read  | Ant   | Cable | Preamp | Aux   | APos  | TPos    | Remark  |
|----|----------|--------|--------|--------|--------|-------|-------|-------|--------|-------|-------|---------|---------|
|    | MHz      | dBuV/m | dBuV/m |        | dB     | dBuV  | dB/m  | dB    | dB     | dB    | cm    | deg     |         |
| 1  | 1559.00  | 72.99  | -----  | -----  | -----  | 67.22 | 25.30 | 6.72  | 36.39  | 9.93  | --    | --      | Peak    |
| 2  | 2339.00  | 98.85  | -----  | -----  | -----  | 89.46 | 27.30 | 8.12  | 36.09  | 9.92  | --    | --      | Peak    |
| 3  | 2437.00  | 101.03 | -----  | -----  | -----  | 91.19 | 27.60 | 8.25  | 36.10  | 9.92  | --    | --      | Peak    |
| 4  | 2480.00  | 101.05 | -----  | -----  | -----  | 91.73 | 27.82 | 8.31  | 36.11  | 9.92  | --    | --      | Peak    |
| 5  | 4874.00  | 51.69  | 74.00  | -22.31 | 43.56  | 32.60 | 11.31 | 36.18 | 0.40   | 198   | 333   | Peak    |         |
| 6  | 4874.00  | 44.31  | 54.00  | -9.69  | 36.18  | 32.60 | 11.31 | 36.18 | 0.40   | 198   | 333   | Average |         |
| 7  | 4960.00  | 51.90  | 74.00  | -22.10 | 43.34  | 33.02 | 11.30 | 36.17 | 0.41   | 100   | 46    | Peak    |         |
| 8  | 4960.00  | 27.11  | 54.00  | -26.89 | -----  | ----- | ----- | ----- | -----  | ----- | ----- | -----   | Average |
| 9  | 5700.00  | 102.84 | -----  | -----  | -----  | 93.49 | 33.24 | 12.00 | 36.28  | 0.39  | --    | --      | Peak    |
| 10 | 7311.00  | 44.84  | 74.00  | -29.16 | 59.36  | 36.68 | 13.61 | 65.76 | 0.95   | --    | --    | --      | Peak    |
| 11 | 7440.00  | 44.31  | 74.00  | -29.69 | 59.07  | 36.30 | 13.73 | 65.81 | 1.02   | --    | --    | --      | Peak    |
| 12 | 7440.00  | 19.52  | 54.00  | -34.48 | -----  | ----- | ----- | ----- | -----  | ----- | ----- | -----   | Average |
| 13 | 11400.00 | 48.89  | 74.00  | -25.11 | 58.18  | 39.00 | 16.92 | 66.00 | 0.79   | 299   | 166   | Peak    |         |
| 14 | 11400.00 | 38.00  | 54.00  | -16.00 | 47.29  | 39.00 | 16.92 | 66.00 | 0.79   | 299   | 166   | Average |         |
| 15 | 17100.00 | 48.45  | 68.20  | -19.75 | 55.02  | 38.00 | 20.90 | 66.25 | 0.78   | --    | --    | --      | Peak    |

## Note:

- #1 and #2 are WWAN harmonic signals and can be ignored.
- #3 and #9 are WLAN fundamental signals and can be ignored.
- #4 is a Bluetooth fundamental signal and can be ignored.



| Mode                    | 3                                                                                                                                                           |                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                    |                                                                                                                                                           |
|                         | Simultaneous                                                                                                                                                |                                                                                                                                                           |
| Pol.                    | Horizontal                                                                                                                                                  | Vertical                                                                                                                                                  |
| 14.47G<br>~14.5G<br>Avg | <div><p>Level (dBuV/m)</p><p>Date: 2026-03-13</p><p>Frequency (MHz)</p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2026-03-13</p><p>Frequency (MHz)</p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p></div> |
| 17G<br>~18G<br>Avg      | <div><p>Level (dBuV/m)</p><p>Date: 2026-03-13</p><p>Frequency (MHz)</p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2026-03-13</p><p>Frequency (MHz)</p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p></div> |



4

Mode

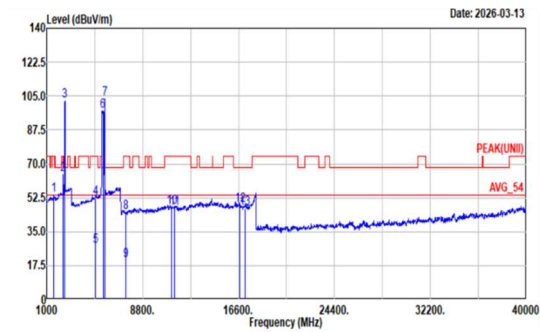
Harmonic

Simultaneous

Pol.

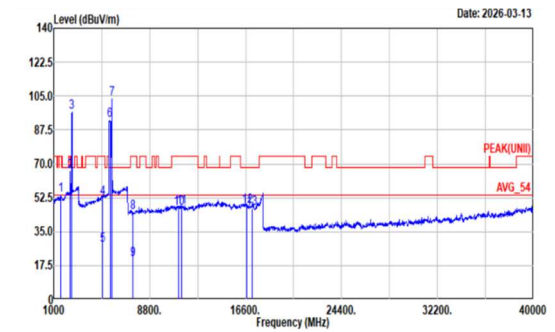
Horizontal

Vertical

Peak  
Avg

Site : 03CH16-HY  
Condition: PEAK(UNII) 1m SHF\_1224\_250702 HORIZONTAL

|    | Freq     | Level  | Limit  | Line   | Margin | Read  | Ant   | Cable | Preamp | Aux  | APos | TPos | Remark  |
|----|----------|--------|--------|--------|--------|-------|-------|-------|--------|------|------|------|---------|
|    | MHz      | dBuV/m | dBuV/m | dB     |        | dBuV  | dB/m  | dB    | dB     | dB   | cm   | deg  |         |
| 1  | 1559.00  | 53.74  | -----  | -----  | -----  | 47.97 | 25.30 | 6.72  | 36.39  | 9.93 | --   | --   | Peak    |
| 2  | 2339.00  | 64.49  | -----  | -----  | -----  | 55.10 | 27.30 | 8.12  | 36.09  | 9.92 | --   | --   | Peak    |
| 3  | 2480.00  | 102.23 | -----  | -----  | -----  | 92.11 | 27.82 | 8.31  | 36.11  | 9.92 | --   | --   | Peak    |
| 4  | 4960.00  | 52.42  | 74.00  | -21.58 | -----  | 43.86 | 33.02 | 11.30 | 36.17  | 0.41 | 200  | 330  | Peak    |
| 5  | 4960.00  | 27.63  | 54.00  | -26.37 | -----  | --    | --    | --    | --     | --   | --   | --   | Average |
| 6  | 5570.00  | 97.44  | -----  | -----  | -----  | 88.61 | 32.83 | 11.85 | 36.24  | 0.39 | --   | --   | Peak    |
| 7  | 5700.00  | 103.36 | -----  | -----  | -----  | 94.01 | 33.24 | 12.00 | 36.28  | 0.39 | --   | --   | Peak    |
| 8  | 7440.00  | 44.91  | 74.00  | -29.09 | -----  | 59.67 | 36.30 | 13.73 | 65.81  | 1.02 | --   | --   | Peak    |
| 9  | 7440.00  | 20.12  | 54.00  | -33.88 | -----  | --    | --    | --    | --     | --   | --   | --   | Average |
| 10 | 11140.00 | 47.52  | 74.00  | -26.48 | -----  | 57.28 | 38.60 | 16.72 | 65.91  | 0.83 | --   | --   | Peak    |
| 11 | 11400.00 | 46.94  | 74.00  | -27.06 | -----  | 56.23 | 39.00 | 16.92 | 66.00  | 0.79 | --   | --   | Peak    |
| 12 | 16710.00 | 48.60  | 68.20  | -19.60 | -----  | 55.66 | 38.36 | 20.64 | 66.81  | 0.75 | --   | --   | Peak    |
| 13 | 17100.00 | 47.08  | 68.20  | -21.12 | -----  | 53.65 | 38.00 | 20.90 | 66.25  | 0.78 | --   | --   | Peak    |



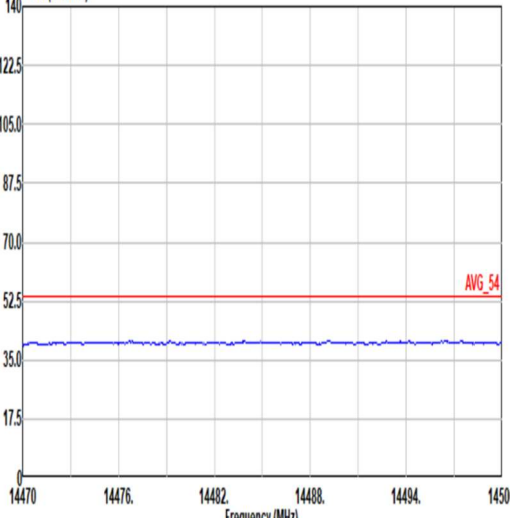
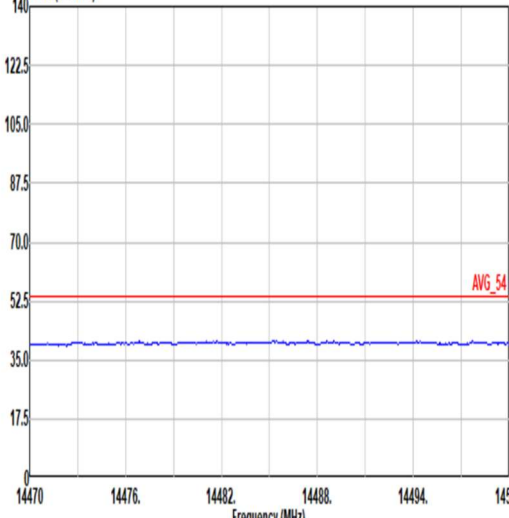
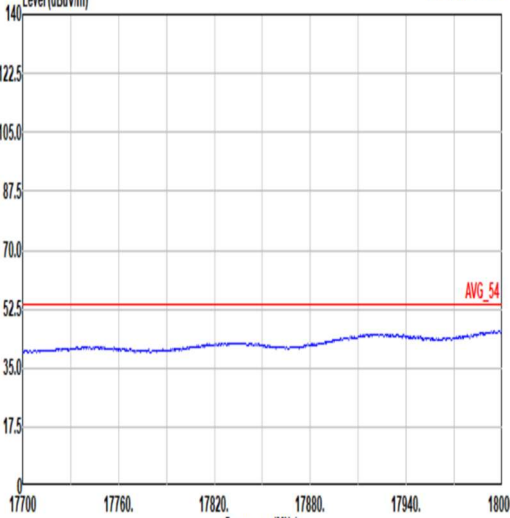
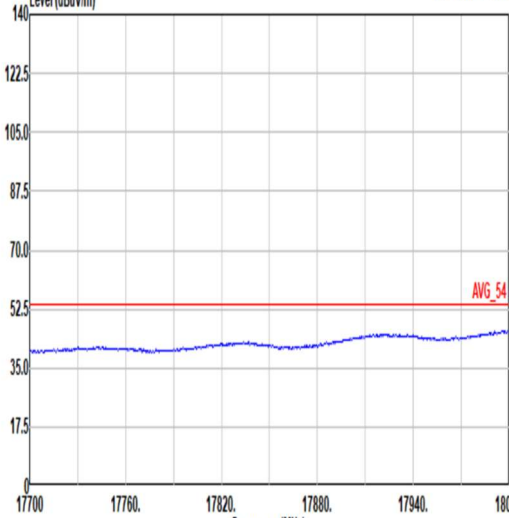
Site : 03CH16-HY  
Condition: PEAK(UNII) 1m SHF\_1224\_250702 VERTICAL

|    | Freq     | Level  | Limit  | Line   | Margin | Read  | Ant   | Cable | Preamp | Aux  | APos | TPos | Remark  |
|----|----------|--------|--------|--------|--------|-------|-------|-------|--------|------|------|------|---------|
|    | MHz      | dBuV/m | dBuV/m | dB     |        | dBuV  | dB/m  | dB    | dB     | dB   | cm   | deg  |         |
| 1  | 1559.00  | 53.89  | -----  | -----  | -----  | 48.12 | 25.30 | 6.72  | 36.39  | 9.93 | 100  | --   | Peak    |
| 2  | 2339.00  | 65.94  | -----  | -----  | -----  | 56.55 | 27.30 | 8.12  | 36.09  | 9.92 | --   | --   | Peak    |
| 3  | 2480.00  | 96.69  | -----  | -----  | -----  | 86.57 | 27.82 | 8.31  | 36.11  | 9.92 | --   | --   | Peak    |
| 4  | 4960.00  | 52.54  | 74.00  | -21.46 | -----  | 43.98 | 33.02 | 11.30 | 36.17  | 0.41 | 199  | 215  | Peak    |
| 5  | 4960.00  | 27.75  | 54.00  | -26.25 | -----  | --    | --    | --    | --     | --   | --   | --   | Average |
| 6  | 5570.00  | 92.33  | -----  | -----  | -----  | 83.46 | 32.88 | 11.83 | 36.23  | 0.39 | --   | --   | Peak    |
| 7  | 5700.00  | 103.35 | -----  | -----  | -----  | 93.87 | 33.35 | 12.02 | 36.29  | 0.40 | --   | --   | Peak    |
| 8  | 7440.00  | 45.14  | 74.00  | -28.86 | -----  | 59.90 | 36.30 | 13.73 | 65.81  | 1.02 | --   | --   | Peak    |
| 9  | 7440.00  | 20.35  | 54.00  | -33.65 | -----  | --    | --    | --    | --     | --   | --   | --   | Average |
| 10 | 11140.00 | 46.89  | 74.00  | -27.11 | -----  | 56.65 | 38.60 | 16.72 | 65.91  | 0.83 | --   | --   | Peak    |
| 11 | 11400.00 | 47.50  | 74.00  | -26.50 | -----  | 56.79 | 39.00 | 16.92 | 66.00  | 0.79 | --   | --   | Peak    |
| 12 | 16710.00 | 48.20  | 68.20  | -20.00 | -----  | 55.26 | 38.36 | 20.64 | 66.81  | 0.75 | --   | --   | Peak    |
| 13 | 17100.00 | 46.94  | 68.20  | -21.26 | -----  | 53.51 | 38.00 | 20.90 | 66.25  | 0.78 | --   | --   | Peak    |

## Note:

- #1 and #2 are WWAN harmonic signals and can be ignored.
- #3 is a Bluetooth fundamental signal and can be ignored.
- #6 and #7 are WLAN fundamental signals and can be ignored.



| Mode                    | 4                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                                                                                        |                                                                                                                                                                                                                                |
|                         | Simultaneous                                                                                                                                                                                                                    |                                                                                                                                                                                                                                |
| Pol.                    | Horizontal                                                                                                                                                                                                                      | Vertical                                                                                                                                                                                                                       |
| 14.47G<br>~14.5G<br>Avg | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p></div>  | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p></div>  |
| 17G<br>~18G<br>Avg      | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p></div> | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p></div> |



5

Mode

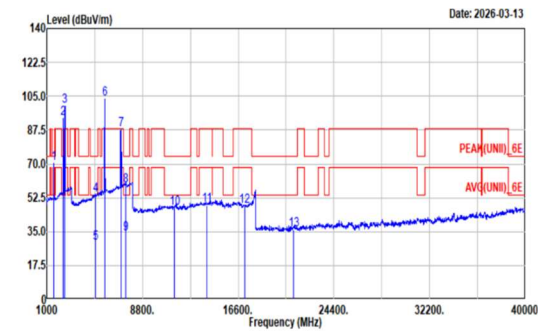
Harmonic

Simultaneous

Pol.

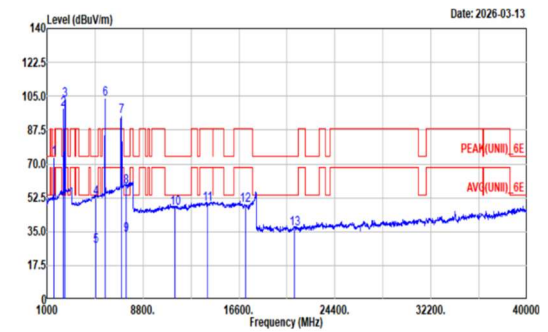
Horizontal

Vertical

Peak  
Avg

Site : 03CH16-HY  
Condition: PEAK(UNII)\_6E 1m SHF\_1224\_250702 HORIZONTAL

|      | Limit    | Read   | Ant    | Cable  | Preamp | Aux   | APos   | TPos   | Remark          |
|------|----------|--------|--------|--------|--------|-------|--------|--------|-----------------|
| Freq | Level    | Line   | Margin | Level  | Factor | Loss  | Factor | Factor |                 |
| MHz  | dBuV/m   | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB     | dB     | deg             |
| 1    | 1559.00  | 70.46  | -----  | 64.68  | 25.31  | 6.72  | 36.39  | 9.93   | -- Peak         |
| 2    | 2339.00  | 93.62  | -----  | 84.23  | 27.30  | 8.12  | 36.09  | 9.92   | -- Peak         |
| 3    | 2480.00  | 99.80  | -----  | 89.71  | 27.80  | 8.30  | 36.11  | 9.92   | -- Peak         |
| 4    | 4960.00  | 53.63  | 74.00  | -20.37 | 45.07  | 33.02 | 11.30  | 36.17  | 0.41 205 0 Peak |
| 5    | 4960.00  | 28.84  | 54.00  | -25.16 | --     | --    | --     | --     | -- Average      |
| 6    | 5700.00  | 103.56 | -----  | 94.18  | 33.26  | 12.01 | 36.28  | 0.39   | -- Peak         |
| 7    | 7025.00  | 87.87  | -----  | 75.38  | 35.62  | 13.36 | 36.80  | 0.31   | -- Peak         |
| 8    | 7440.00  | 58.59  | 74.00  | -15.41 | 45.12  | 36.30 | 13.73  | 36.93  | 0.37 201 0 Peak |
| 9    | 7440.00  | 33.80  | 54.00  | -20.20 | --     | --    | --     | --     | -- Average      |
| 10   | 11400.00 | 47.20  | 74.00  | -26.80 | 56.74  | 39.00 | 16.92  | 66.00  | 0.54 -- Peak    |
| 11   | 14050.00 | 48.57  | 68.20  | -19.63 | 54.50  | 40.50 | 18.83  | 65.64  | 0.38 -- Peak    |
| 12   | 17100.00 | 48.15  | 68.20  | -20.05 | 54.81  | 38.00 | 20.90  | 66.25  | 0.69 -- Peak    |
| 13   | 21075.00 | 35.73  | 74.00  | -38.27 | 56.05  | 38.00 | 5.96   | 54.74  | -9.54 -- Peak   |



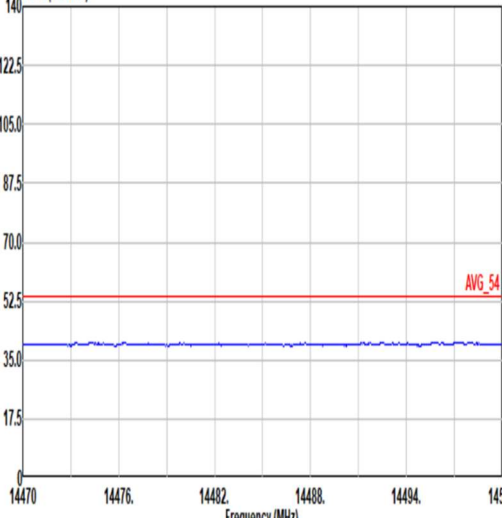
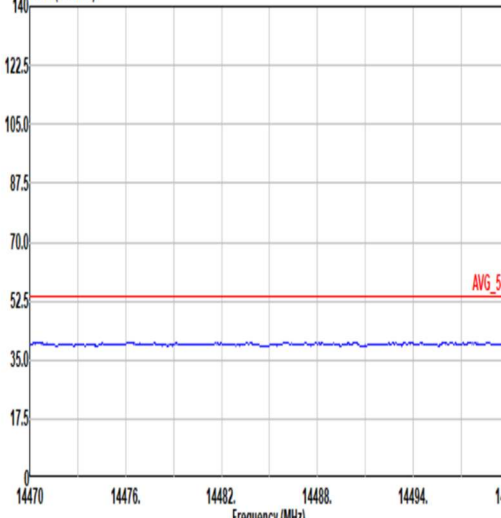
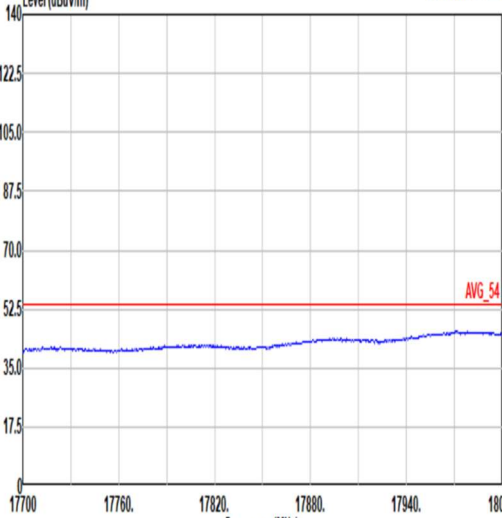
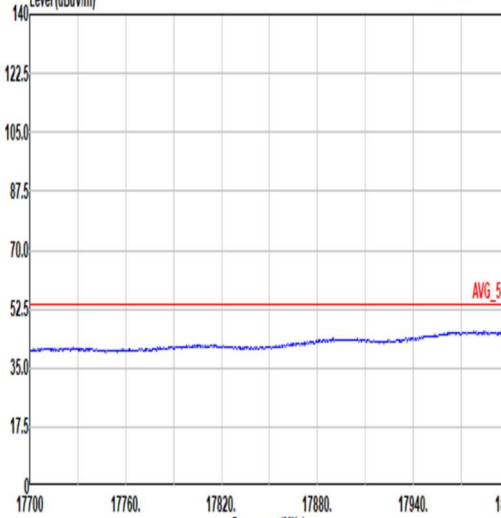
Site : 03CH16-HY  
Condition: PEAK(UNII)\_6E 1m SHF\_1224\_250702 VERTICAL

|      | Limit    | Read   | Ant    | Cable  | Preamp | Aux   | APos   | TPos   | Remark            |
|------|----------|--------|--------|--------|--------|-------|--------|--------|-------------------|
| Freq | Level    | Line   | Margin | Level  | Factor | Loss  | Factor | Factor |                   |
| MHz  | dBuV/m   | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB     | dB     | deg               |
| 1    | 1559.00  | 72.76  | -----  | 66.99  | 25.30  | 6.72  | 36.39  | 9.93   | -- Peak           |
| 2    | 2339.00  | 98.22  | -----  | 88.83  | 27.30  | 8.12  | 36.09  | 9.92   | -- Peak           |
| 3    | 2480.00  | 102.92 | -----  | 92.80  | 27.82  | 8.31  | 36.11  | 9.92   | -- Peak           |
| 4    | 4960.00  | 52.47  | 74.00  | -21.53 | 43.91  | 33.02 | 11.30  | 36.17  | 0.41 383 360 Peak |
| 5    | 4960.00  | 27.68  | 54.00  | -26.32 | --     | --    | --     | --     | -- Average        |
| 6    | 5700.00  | 103.54 | -----  | 94.06  | 33.34  | 12.02 | 36.28  | 0.40   | -- Peak           |
| 7    | 7025.00  | 94.50  | -----  | 81.99  | 35.64  | 13.36 | 36.80  | 0.31   | -- Peak           |
| 8    | 7440.00  | 58.30  | 74.00  | -15.70 | 44.83  | 36.30 | 13.73  | 36.93  | 0.37 400 266 Peak |
| 9    | 7440.00  | 33.51  | 54.00  | -20.49 | --     | --    | --     | --     | -- Average        |
| 10   | 11400.00 | 47.09  | 74.00  | -26.91 | 56.63  | 39.00 | 16.92  | 66.00  | 0.54 -- Peak      |
| 11   | 14050.00 | 48.93  | 68.20  | -19.27 | 54.86  | 40.50 | 18.83  | 65.64  | 0.38 -- Peak      |
| 12   | 17100.00 | 48.62  | 68.20  | -19.58 | 55.28  | 38.00 | 20.90  | 66.25  | 0.69 -- Peak      |
| 13   | 21075.00 | 36.50  | 74.00  | -37.50 | 56.82  | 38.00 | 5.96   | 54.74  | -9.54 -- Peak     |

## Note:

- #1 and #2 are WWAN harmonic signals and can be ignored.
- #3 is a Bluetooth fundamental signal and can be ignored.
- #6 and #7 are WLAN fundamental signals and can be ignored.



| Mode                    | 5                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                                                                                        |                                                                                                                                                                                                                                |
|                         | Simultaneous                                                                                                                                                                                                                    |                                                                                                                                                                                                                                |
| Pol.                    | Horizontal                                                                                                                                                                                                                      | Vertical                                                                                                                                                                                                                       |
| 14.47G<br>~14.5G<br>Avg | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p></div>  | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p></div>  |
| 17G<br>~18G<br>Avg      | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 HORIZONTAL</p></div> | <div><p>Level (dBuV/m) <span>Date: 2026-03-13</span></p><p>Site : 03CH16-HY<br/>Condition: AVG_54 3m 91280-02038_250807 VERTICAL</p></div> |



| Mode        | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |        |        |       |      |          |          |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|-------|------|----------|----------|----------|----|------------|--------|---|--------|-----|-----|-----|--|--|-----|-----|-----|----|------|------|----|----|----|---------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|-------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|-------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--------|-----|------|--|------|----------|--|------------|--------|---|--------|-----|-----|-----|--|--|-----|-----|-----|----|------|------|----|----|----|---------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|-------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|-------|--------|-------|------|-------|------|----|----|------|----------|-------|-------|--------|--------|-------|------|-------|------|----|----|------|
|             | LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |        |        |       |      |          |          |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
|             | Simultaneous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Vertical |        |        |       |      |          |          |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| QP/<br>Peak | <div><p>Level (dBuV/m) Date: 2026-03-19</p><p>Site : 03CH16-HY<br/>Condition: QP 3m CBL6111D&amp;00002N1D01N-06_47020 &amp; 06_251004 Horizontal</p><table><tr><th></th><th>Limit</th><th>Readin</th><th>Ant</th><th colspan="2">APos</th><th>TPos</th><th colspan="2">Detector</th></tr><tr><th>Freq Level</th><th>Margin</th><th>g</th><th>Factor</th><th>Cbl</th><th>Amp</th><th>Aux</th><th></th><th></th></tr><tr><th>MHz</th><th>dBm</th><th>dBm</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 67.83</td><td>24.31</td><td>40.00</td><td>-15.69</td><td>138.27</td><td>11.96</td><td>1.49</td><td>32.19</td><td>0.01</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2 182.29</td><td>33.95</td><td>43.50</td><td>-9.55</td><td>144.43</td><td>14.58</td><td>2.32</td><td>32.18</td><td>0.03</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3 261.83</td><td>24.99</td><td>46.00</td><td>-21.01</td><td>129.95</td><td>19.67</td><td>2.74</td><td>32.22</td><td>0.08</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4 354.95</td><td>26.36</td><td>46.00</td><td>-19.64</td><td>130.57</td><td>20.05</td><td>3.17</td><td>32.24</td><td>0.04</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5 561.56</td><td>27.38</td><td>46.00</td><td>-18.62</td><td>125.41</td><td>25.48</td><td>3.93</td><td>32.36</td><td>0.15</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6 782.00</td><td>88.59</td><td>-----</td><td>-----</td><td>183.77</td><td>27.54</td><td>4.63</td><td>32.25</td><td>0.13</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>7 939.86</td><td>32.06</td><td>46.00</td><td>-13.94</td><td>123.57</td><td>29.69</td><td>5.09</td><td>31.27</td><td>0.21</td><td>--</td><td>--</td><td>Peak</td></tr></table></div> |          | Limit  | Readin | Ant   | APos |          | TPos     | Detector |    | Freq Level | Margin | g | Factor | Cbl | Amp | Aux |  |  | MHz | dBm | dBm | dB | dBuV | dB/m | dB | dB | dB | 1 67.83 | 24.31 | 40.00 | -15.69 | 138.27 | 11.96 | 1.49 | 32.19 | 0.01 | -- | -- | Peak | 2 182.29 | 33.95 | 43.50 | -9.55 | 144.43 | 14.58 | 2.32 | 32.18 | 0.03 | -- | -- | Peak | 3 261.83 | 24.99 | 46.00 | -21.01 | 129.95 | 19.67 | 2.74 | 32.22 | 0.08 | -- | -- | Peak | 4 354.95 | 26.36 | 46.00 | -19.64 | 130.57 | 20.05 | 3.17 | 32.24 | 0.04 | -- | -- | Peak | 5 561.56 | 27.38 | 46.00 | -18.62 | 125.41 | 25.48 | 3.93 | 32.36 | 0.15 | -- | -- | Peak | 6 782.00 | 88.59 | ----- | ----- | 183.77 | 27.54 | 4.63 | 32.25 | 0.13 | -- | -- | Peak | 7 939.86 | 32.06 | 46.00 | -13.94 | 123.57 | 29.69 | 5.09 | 31.27 | 0.21 | -- | -- | Peak | <div><p>Level (dBuV/m) Date: 2026-03-19</p><p>Site : 03CH16-HY<br/>Condition: QP 3m CBL6111D&amp;00002N1D01N-06_47020 &amp; 06_251004 Vertical</p><table><tr><th></th><th>Limit</th><th>Readin</th><th>Ant</th><th colspan="2">APos</th><th>TPos</th><th colspan="2">Detector</th></tr><tr><th>Freq Level</th><th>Margin</th><th>g</th><th>Factor</th><th>Cbl</th><th>Amp</th><th>Aux</th><th></th><th></th></tr><tr><th>MHz</th><th>dBm</th><th>dBm</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 43.58</td><td>22.82</td><td>40.00</td><td>-17.18</td><td>131.63</td><td>17.44</td><td>1.22</td><td>32.25</td><td>0.01</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2 180.35</td><td>36.51</td><td>43.50</td><td>-6.99</td><td>146.95</td><td>14.64</td><td>2.31</td><td>32.18</td><td>0.02</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3 260.86</td><td>20.87</td><td>46.00</td><td>-25.13</td><td>125.83</td><td>19.68</td><td>2.73</td><td>32.22</td><td>0.08</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4 303.54</td><td>26.75</td><td>46.00</td><td>-19.25</td><td>132.21</td><td>18.98</td><td>2.95</td><td>32.22</td><td>0.06</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5 587.75</td><td>26.61</td><td>46.00</td><td>-19.39</td><td>124.77</td><td>25.23</td><td>4.03</td><td>32.38</td><td>0.19</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6 782.00</td><td>92.47</td><td>-----</td><td>-----</td><td>187.65</td><td>27.54</td><td>4.63</td><td>32.25</td><td>0.13</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>7 942.77</td><td>32.85</td><td>46.00</td><td>-13.15</td><td>124.17</td><td>29.84</td><td>5.10</td><td>31.24</td><td>0.21</td><td>--</td><td>--</td><td>Peak</td></tr></table></div> |  | Limit | Readin | Ant | APos |  | TPos | Detector |  | Freq Level | Margin | g | Factor | Cbl | Amp | Aux |  |  | MHz | dBm | dBm | dB | dBuV | dB/m | dB | dB | dB | 1 43.58 | 22.82 | 40.00 | -17.18 | 131.63 | 17.44 | 1.22 | 32.25 | 0.01 | -- | -- | Peak | 2 180.35 | 36.51 | 43.50 | -6.99 | 146.95 | 14.64 | 2.31 | 32.18 | 0.02 | -- | -- | Peak | 3 260.86 | 20.87 | 46.00 | -25.13 | 125.83 | 19.68 | 2.73 | 32.22 | 0.08 | -- | -- | Peak | 4 303.54 | 26.75 | 46.00 | -19.25 | 132.21 | 18.98 | 2.95 | 32.22 | 0.06 | -- | -- | Peak | 5 587.75 | 26.61 | 46.00 | -19.39 | 124.77 | 25.23 | 4.03 | 32.38 | 0.19 | -- | -- | Peak | 6 782.00 | 92.47 | ----- | ----- | 187.65 | 27.54 | 4.63 | 32.25 | 0.13 | -- | -- | Peak | 7 942.77 | 32.85 | 46.00 | -13.15 | 124.17 | 29.84 | 5.10 | 31.24 | 0.21 | -- | -- | Peak |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Limit    | Readin | Ant    | APos  |      | TPos     | Detector |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| Freq Level  | Margin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | g        | Factor | Cbl    | Amp   | Aux  |          |          |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| MHz         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBm      | dB     | dBuV   | dB/m  | dB   | dB       | dB       |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 1 67.83     | 24.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40.00    | -15.69 | 138.27 | 11.96 | 1.49 | 32.19    | 0.01     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 2 182.29    | 33.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.50    | -9.55  | 144.43 | 14.58 | 2.32 | 32.18    | 0.03     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 3 261.83    | 24.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -21.01 | 129.95 | 19.67 | 2.74 | 32.22    | 0.08     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 4 354.95    | 26.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -19.64 | 130.57 | 20.05 | 3.17 | 32.24    | 0.04     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 5 561.56    | 27.38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -18.62 | 125.41 | 25.48 | 3.93 | 32.36    | 0.15     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 6 782.00    | 88.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -----    | -----  | 183.77 | 27.54 | 4.63 | 32.25    | 0.13     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 7 939.86    | 32.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -13.94 | 123.57 | 29.69 | 5.09 | 31.27    | 0.21     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Readin   | Ant    | APos   |       | TPos | Detector |          |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| Freq Level  | Margin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | g        | Factor | Cbl    | Amp   | Aux  |          |          |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| MHz         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBm      | dB     | dBuV   | dB/m  | dB   | dB       | dB       |          |    |            |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 1 43.58     | 22.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40.00    | -17.18 | 131.63 | 17.44 | 1.22 | 32.25    | 0.01     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 2 180.35    | 36.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.50    | -6.99  | 146.95 | 14.64 | 2.31 | 32.18    | 0.02     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 3 260.86    | 20.87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -25.13 | 125.83 | 19.68 | 2.73 | 32.22    | 0.08     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 4 303.54    | 26.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -19.25 | 132.21 | 18.98 | 2.95 | 32.22    | 0.06     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 5 587.75    | 26.61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -19.39 | 124.77 | 25.23 | 4.03 | 32.38    | 0.19     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 6 782.00    | 92.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -----    | -----  | 187.65 | 27.54 | 4.63 | 32.25    | 0.13     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |
| 7 942.77    | 32.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.00    | -13.15 | 124.17 | 29.84 | 5.10 | 31.24    | 0.21     | --       | -- | Peak       |        |   |        |     |     |     |  |  |     |     |     |    |      |      |    |    |    |         |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |          |       |       |       |        |       |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                           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     |      |       |      |    |    |      |          |       |       |        |        |       |      |       |      |    |    |      |

Note: #6 is a WWAN fundamental signal and can be ignored.



## Appendix B. Duty Cycle Plots

&lt;Skydiolink Module&gt;

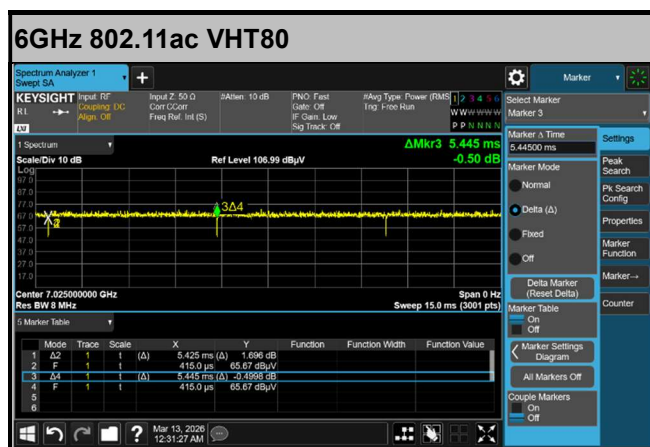
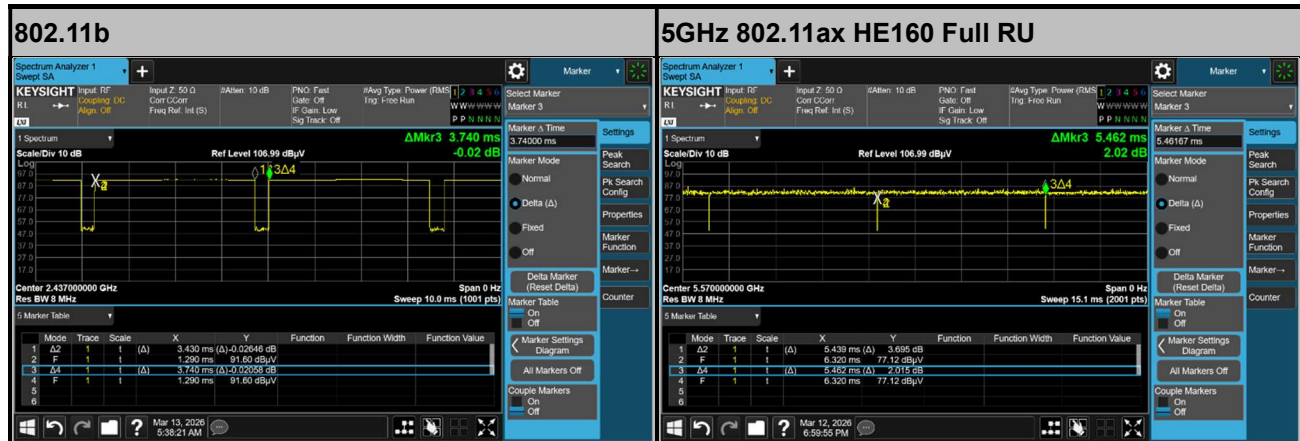
| Antenna | Band                         | Duty Cycle (%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|------------------------------|----------------|-------|----------|-------------|
| 0+2     | 2.4GHz 802.11ax HE20 Full RU | 85.80          | 5440  | 0.18     | 200Hz       |
| 0+2     | 5GHz 802.11ax HE20 Full RU   | 85.61          | 5445  | 0.18     | 200Hz       |

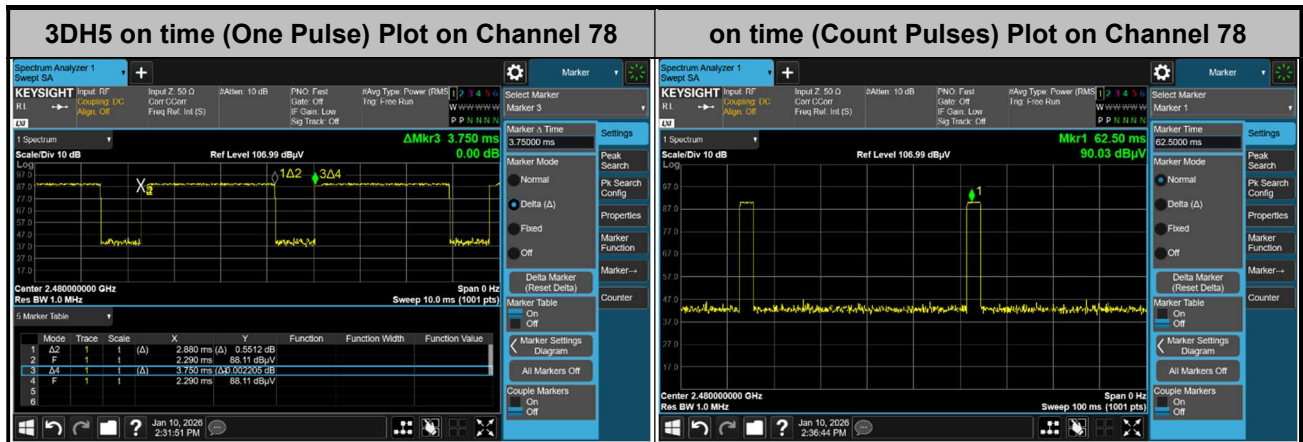




## <InfraWiFi Module>

| Antenna | Band                        | Duty Cycle (%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|-----------------------------|----------------|-------|----------|-------------|
| 0       | 802.11b                     | 91.71          | 3430  | 0.29     | 300Hz       |
| 0       | 5GHz 802.11ax HE160 Full RU | 99.58          | -     | -        | 10Hz        |
| 0       | 6GHz 802.11ac VHT80         | 99.69          | -     | -        | 10Hz        |



**<Bluetooth>**

**Note:**

1. Worst case Duty cycle = on time/100 milliseconds =  $2 * 2.88 / 100 = 5.76 \%$
2. Worst case Duty cycle correction factor =  $20 * \log(\text{Duty cycle}) = -24.79 \text{ dB}$
3. **3DH5** has the highest duty cycle worst case and is reported.

**Duty Cycle Correction Factor Consideration for AFH mode:**

Bluetooth normal hopping rate is 1600Hz and reduced to 800Hz in AFH mode; due to the reduced number of hopping frequencies, with the same packet configuration the dwell time in each channel frequency within 100msec period is longer in AFH mode than normal mode.

In AFH mode, the minimum hopping frequencies are 20, to get the longest dwell time DH5 packet is observed; the on time period to have DH5 packet completing one hopping sequence is

$$2.88 \text{ ms} \times 20 \text{ channels} = 57.6 \text{ ms}$$

There cannot be 2 complete hopping sequences within 100ms period, considering the random hopping behavior, maximum 2 hops can be possibly observed within the period.  $[100 \text{ ms} / 57.6 \text{ ms}] = 2 \text{ hops}$

Thus, the maximum possible ON time:

$$2.88 \text{ ms} \times 2 = 5.76 \text{ ms}$$

Worst case Duty Cycle Correction factor, which is derived from the maximum possible ON time,

$$20 \times \log(5.76 \text{ ms}/100 \text{ ms}) = -24.79 \text{ dB}$$