TCT 通测检测 TESTING CENTRE TECHNOLOGY

# TEST REPORT

| | |
|---|---|
| **FCC ID. ..... :** | 2AQRM-S67L |
| **Test Report No..... :** | TCT250305E026 |
| **Date of issue..... :** | Apr. 23, 2025 |
| **Testing laboratory ..... :** | SHENZHEN TONGCE TESTING LAB |
| **Testing location/ address:** | 2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China |
| **Applicant's name..... :** | FOXX Development Inc. |
| **Address..... :** | 3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA |
| **Manufacturer's name ... :** | FOXX Development Inc. |
| **Address..... :** | 3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA |
| **Standard(s) ..... :** | FCC CFR Title 47 Part 15 Subpart C Section 15.247<br>FCC KDB 558074 D01 15.247 Meas Guidance v05r02<br>ANSI C63.10:2020 |
| **Product Name..... :** | Smart Phone |
| **Trade Mark ..... :** | MIRO, FOXX, FOXXD, AIRVOICE, FOXXD HTH |
| **Model/Type reference..... :** | S67L |
| **Rating(s)..... :** | Power supply: DC 5V from adaptor or DC 3.87V from battery<br>Adapter Information:<br>Model: HJ-0502000W2-US<br>Input: AC 100-240V, 50/60Hz, 0.3A<br>Output: DC 5.0V, 2.0A, 10.0W |
| **Date of receipt of test item ..... :** | Mar. 05, 2025 |
| **Date (s) of performance of test..... :** | Mar. 06, 2025 ~ Apr. 22, 2025 |
| **Tested by (+signature) ... :** | Brews XU |
| **Check by (+signature).... :** | Beryl ZHAO |
| **Approved by (+signature):** | Tomsin |

**General disclaimer:**

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# 1. General Product Information

## 1.1. EUT description

| | |
|---|---|
| **Product Name.....:** | Smart Phone |
| **Model/Type reference.....:** | S67L |
| **Sample Number.....:** | TCT250305E025-0101 |
| **Bluetooth Version .....:** | V5.0 (This report is for BLE) |
| **Operation Frequency.....:** | 2402MHz~2480MHz |
| **Channel Separation .....:** | 2MHz |
| **Data Rate.....:** | LE 1M PHY, LE 2M PHY |
| **Number of Channel.....:** | 40 |
| **Modulation Type.....:** | GFSK |
| **Antenna Type.....:** | Internal Antenna |
| **Antenna Gain.....:** | 1.35dBi |
| **Rating(s).....:** | Power supply: DC 5V from adaptor or DC 3.87V from battery<br>Adapter Information:<br>Model: HJ-0502000W2-US<br>Input: AC 100-240V, 50/60Hz, 0.3A<br>Output: DC 5.0V, 2.0A, 10.0W |

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

## 1.2. Model(s) list

None.

## 1.3. Operation Frequency

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---|---|---|---|---|---|---|---|
| 0 | 2402MHz | 10 | 2422MHz | 20 | 2442MHz | 30 | 2462MHz |
| 1 | 2404MHz | 11 | 2424MHz | 21 | 2444MHz | 31 | 2464MHz |
| … | … | … | … | … | … | … | … |
| 8 | 2418MHz | 18 | 2438MHz | 28 | 2458MHz | 38 | 2478MHz |
| 9 | 2420MHz | 19 | 2440MHz | 29 | 2460MHz | 39 | 2480MHz |
| Remark: Channel 0, 19 & 39 have been tested. | | | | | | | |



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# 2. Test Result Summary

| Requirement | CFR 47 Section | Result |
|---|---|---|
| Antenna requirement | §15.203/§15.247 (c) | PASS |
| AC Power Line Conducted Emission | §15.207 | PASS |
| Conducted Peak Output Power | §15.247 (b)(3) | PASS |
| 6dB Emission Bandwidth | §15.247 (a)(2) | PASS |
| Power Spectral Density | §15.247 (e) | PASS |
| Band Edge | §15.247(d) | PASS |
| Spurious Emission | §15.205/§15.209 | PASS |

***Note:***

*1. PASS: Test item meets the requirement.*

*2. Fail: Test item does not meet the requirement.*

*3. N/A: Test case does not apply to the test object.*

*4. The test result judgment is decided by the limit of test standard.*



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# 3. General Information

## 3.1. Test environment and mode

| Operating Environment: | | |
|---|---|---|
| Condition | Conducted Emission | Radiated Emission |
| Temperature: | 23.8 °C | 25.0 °C |
| Humidity: | 53 % RH | 48 % RH |
| Atmospheric Pressure: | 1010 mbar | 1010 mbar |
| Test voltage | Conducted Emission: | AC 120V/60Hz |
| | Radiated Spurious Emission: | DC 3.87V |
| | RF Conducted Test: | DC 3.87V |
| Test Software: | | |
| Software Information: | Engineering mode | |
| Power Level: | 10 | |
| Test Mode: | | |
| Engineer mode: | Keep the EUT in continuous transmitting by select channel and modulations with Fully-charged battery. | |
| The sample was placed 0.8m & 1.5m for the measurement below & above 1GHz above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case (Z axis) are shown in Test Results of the following pages. | | |



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## 3.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Equipment | Model No. | Serial No. | FCC ID | Trade Name |
|---|---|---|---|---|
| / | / | / | / | / |

***Note:***

*1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.*

*2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.*

*3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.*



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# 4. Facilities and Accreditations

## 4.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

- FCC - Registration No.: 645098

  SHENZHEN TONGCE TESTING LAB

  Designation Number: CN1205

  The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A

  SHENZHEN TONGCE TESTING LAB

  CAB identifier: CN0031

  The testing lab has been registered by Innovation, Science and Economic Development Canada for radio equipment testing.

## 4.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

## 4.3. Measurement Uncertainty

The reported uncertainty of measurement y ± U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

| No. | Item | MU |
|---|---|---|
| 1 | Conducted Emission | ± 3.10 dB |
| 2 | RF power, conducted | ± 0.12 dB |
| 3 | Spurious emissions, conducted | ± 0.11 dB |
| 4 | All emissions, radiated(<1 GHz) | ± 4.56 dB |
| 5 | All emissions, radiated(1 GHz - 18 GHz) | ± 4.22 dB |
| 6 | All emissions, radiated(18 GHz- 40 GHz) | ± 4.36 dB |



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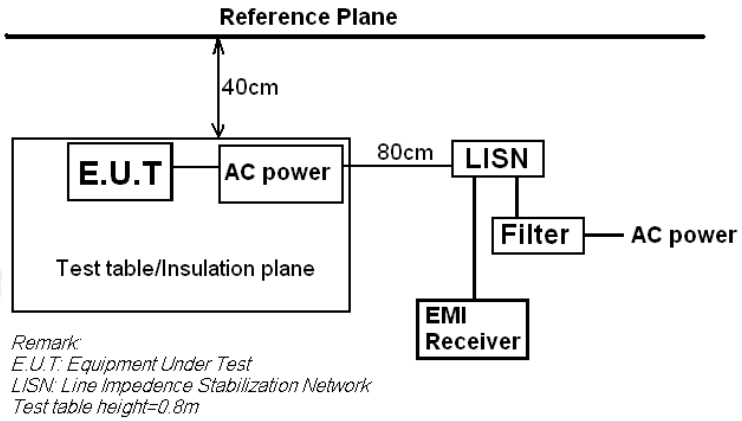
# 5. Test Results and Measurement Data

## 5.1. Antenna requirement

| **Standard requirement:** | FCC Part15 C Section 15.203 /247(c) |
|---|---|
| 15.203 requirement:<br>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, 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.<br>15.247(c) (1)(i) requirement:<br>(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi. | |
| **E.U.T Antenna:** | |
| The Bluetooth antenna is internal antenna which permanently attached, and the best case gain of the antenna is 1.35dBi. | |

## 5.2. Conducted Emission

### 5.2.1. Test Specification

<table>
<tr><td>Test Requirement:</td><td>FCC Part15 C Section 15.207</td></tr>
<tr><td>Test Method:</td><td>ANSI C63.10:2020</td></tr>
<tr><td>Frequency Range:</td><td>150 kHz to 30 MHz</td></tr>
<tr><td>Receiver setup:</td><td>RBW=9 kHz, VBW=30 kHz, Sweep time=auto</td></tr>
<tr><td>Limits:</td><td>
<table>
<tr><td rowspan="2">Frequency range (MHz)</td><td colspan="2">Limit (dBuV)</td></tr>
<tr><td>Quasi-peak</td><td>Average</td></tr>
<tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr>
<tr><td>0.5-5</td><td>56</td><td>46</td></tr>
<tr><td>5-30</td><td>60</td><td>50</td></tr>
</table>
</td></tr>
<tr><td>Test Setup:</td><td> 

Remark:<br>E.U.T: Equipment Under Test<br>LISN: Line Impedence Stabilization Network<br>Test table height=0.8m</td></tr>
<tr><td>Test Mode:</td><td>Charging + Transmitting Mode</td></tr>
<tr><td>Test Procedure:</td><td>1. The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.<br>2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).<br>3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2020 on conducted measurement.</td></tr>
<tr><td>Test Result:</td><td>PASS</td></tr>
</table>

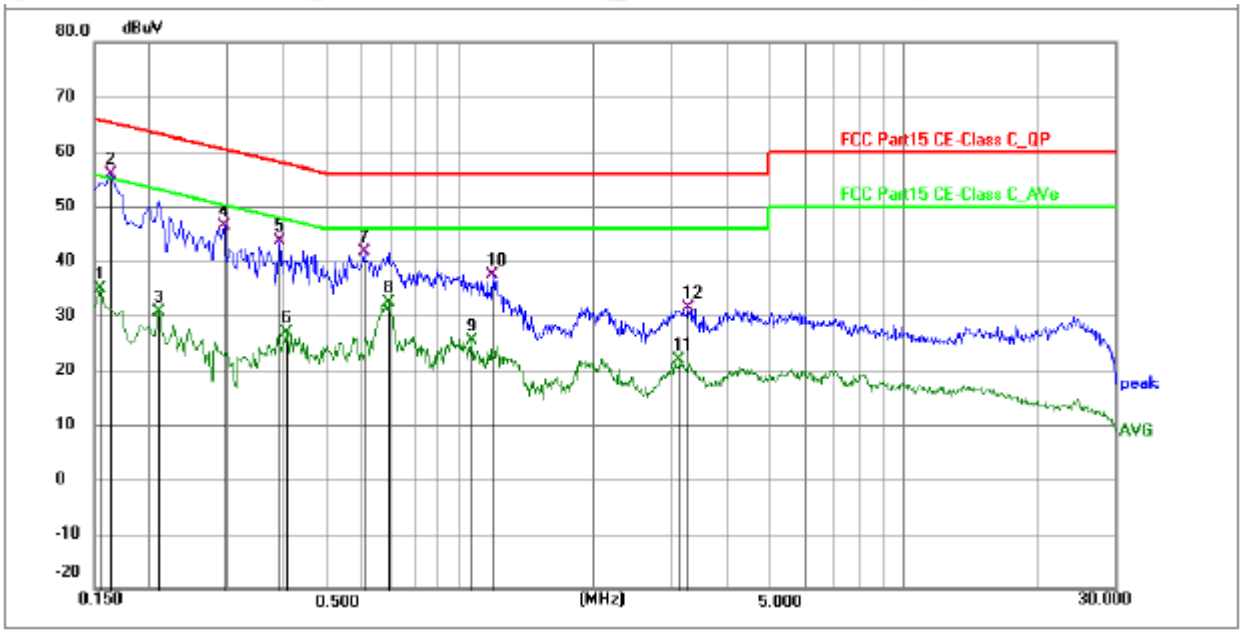
### 5.2.2. Test Instruments

| Conducted Emission Shielding Room Test Site (843) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model** | **Serial Number** | **Date of Cal.** | **Due Date** |
| EMI Test Receiver | R&S | ESCI3 | 100898 | Jun. 27, 2024 | Jun. 26, 2025 |
| LISN | Schwarzbeck | NSLK 8126 | 8126453 | Jan. 21, 2025 | Jan. 20, 2026 |
| Attenuator | N/A | 10dB | 164080 | Jun. 27, 2024 | Jun. 26, 2025 |
| Line-5 | TCT | CE-05 | / | Jun. 27, 2024 | Jun. 26, 2025 |
| EMI Test Software | EZ_EMC | EMEC-3A1 | 1.1.4.2 | / | / |

### 5.2.3. Test data

**Please refer to following diagram for individual**

**Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)**

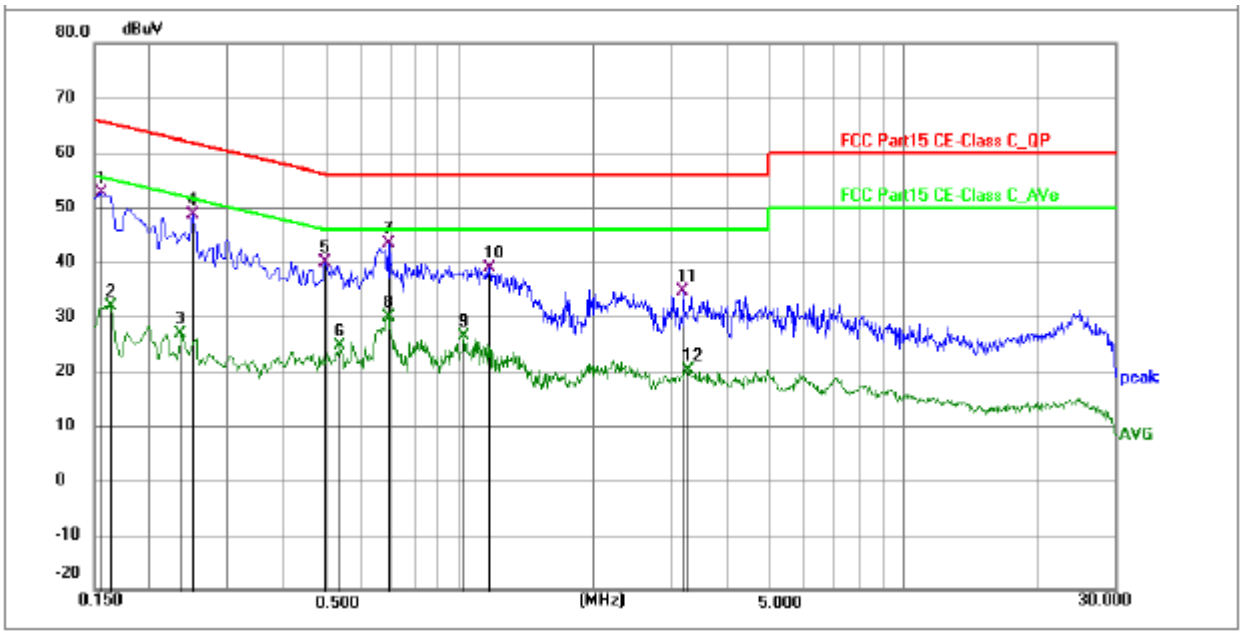



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.1544 | 24.22 | 10.56 | 34.78 | 55.76 | -20.98 | AVG | P | |
| 2 * | 0.1635 | 45.25 | 10.58 | 55.83 | 65.28 | -9.45 | QP | P | |
| 3 | 0.2084 | 20.02 | 10.66 | 30.68 | 53.27 | -22.59 | AVG | P | |
| 4 | 0.2940 | 35.61 | 10.66 | 46.27 | 60.41 | -14.14 | QP | P | |
| 5 | 0.3930 | 33.07 | 10.67 | 43.74 | 58.00 | -14.26 | QP | P | |
| 6 | 0.4062 | 16.24 | 10.67 | 26.91 | 47.73 | -20.82 | AVG | P | |
| 7 | 0.6090 | 30.91 | 10.63 | 41.54 | 56.00 | -14.46 | QP | P | |
| 8 | 0.6900 | 21.71 | 10.58 | 32.29 | 46.00 | -13.71 | AVG | P | |
| 9 | 1.0680 | 14.52 | 10.85 | 25.37 | 46.00 | -20.63 | AVG | P | |
| 10 | 1.1895 | 26.55 | 10.82 | 37.37 | 56.00 | -18.63 | QP | P | |
| 11 | 3.1290 | 11.05 | 10.73 | 21.78 | 46.00 | -24.22 | AVG | P | |
| 12 | 3.2820 | 20.75 | 10.71 | 31.46 | 56.00 | -24.54 | QP | P | |

***Note:***

*Freq. = Emission frequency in MHz*
*Reading level (dBμV) = Receiver reading*
*Corr. Factor (dB) = LISN factor + Cable loss*
*Measurement (dBμV) = Reading level (dBμV) + Corr. Factor (dB)*
*Limit (dBμV) = Limit stated in standard*
*Margin (dB) = Measurement (dBμV) – Limits (dBμV)*
*Q.P. =Quasi-Peak*
*AVG =average*
** is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz*

## Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.1554 | 42.00 | 10.55 | 52.55 | 65.71 | -13.16 | QP | P | |
| 2 | 0.1635 | 21.26 | 10.55 | 31.81 | 55.28 | -23.47 | AVG | P | |
| 3 | 0.2353 | 16.19 | 10.58 | 26.77 | 52.26 | -25.49 | AVG | P | |
| 4 | 0.2490 | 38.09 | 10.59 | 48.68 | 61.79 | -13.11 | QP | P | |
| 5 | 0.4964 | 29.04 | 10.77 | 39.81 | 56.06 | -16.25 | QP | P | |
| 6 | 0.5370 | 13.72 | 10.80 | 24.52 | 46.00 | -21.48 | AVG | P | |
| 7 * | 0.6900 | 32.43 | 10.88 | 43.31 | 56.00 | -12.69 | QP | P | |
| 8 | 0.6900 | 18.91 | 10.88 | 29.79 | 46.00 | -16.21 | AVG | P | |
| 9 | 1.0230 | 15.43 | 10.86 | 26.29 | 46.00 | -19.71 | AVG | P | |
| 10 | 1.1670 | 28.05 | 10.88 | 38.93 | 56.00 | -17.07 | QP | P | |
| 11 | 3.1964 | 23.77 | 10.90 | 34.67 | 56.00 | -21.33 | QP | P | |
| 12 | 3.2865 | 9.12 | 10.89 | 20.01 | 46.00 | -25.99 | AVG | P | |

***Note1:***

*Freq. = Emission frequency in MHz*

*Reading level (dBμV) = Receiver reading*

*Corr. Factor (dB) = LISN factor + Cable loss*

*Measurement (dBμV) = Reading level (dBμV) + Corr. Factor (dB)*

*Limit (dBμV) = Limit stated in standard*

*Margin (dB) = Measurement (dBμV) – Limits (dBμV)*

*Q.P. =Quasi-Peak*

*AVG =average*

** is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.*

***Note2:*** *Speed for 1M and 2M modulations of EUT have been tested, but the test data only show the worst case in this report, and we found the worst case is 1M speed modulation. Measurements were conducted in all three channels (high, middle, low), and the worst case Mode (Highest channel) was submitted only.*

## 5.3. Conducted Output Power

### 5.3.1. Test Specification

| | |
|---|---|
| **Test Requirement:** | FCC Part15 C Section 15.247 (b)(3) |
| **Test Method:** | KDB 558074 D01 v05r02 |
| **Limit:** | 30dBm |
| **Test Setup:** |  |
| **Test Mode:** | Refer to item 3.1 |
| **Test Procedure:** | Set spectrum analyzer as following:<br>a) Set the RBW ≥ DTS bandwidth.<br>b) Set VBW ≥ 3 × RBW.<br>c) Set span ≥ 3 x RBW<br>d) Sweep time = auto couple.<br>e) Detector = peak.<br>f) Trace mode = max hold.<br>g) Allow trace to fully stabilize.<br>h) Use peak marker function to determine the peak amplitude level. |
| **Test Result:** | PASS |

### 5.3.2. Test Instruments

| Equipment | Manufacturer | Model No. | Serial Number | Date of Cal. | Due Date |
|---|---|---|---|---|---|
| Spectrum Analyzer | Agilent | N9020A | MY50101018 | Jun. 27, 2024 | Jun. 26, 2025 |
| Test Software | TST Pass | / | / | / | / |



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## 5.4. Emission Bandwidth

### 5.4.1. Test Specification

| | |
|---|---|
| **Test Requirement:** | FCC Part15 C Section 15.247 (a)(2) |
| **Test Method:** | KDB 558074 D01 v05r02 |
| **Limit:** | >500kHz |
| **Test Setup:** |  |
| **Test Mode:** | Refer to item 3.1 |
| **Test Procedure:** | 1. Set to the maximum power setting and enable the EUT transmit continuously.<br>2. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.<br>3. Measure and record the results in the test report. |
| **Test Result:** | PASS |

### 5.4.2. Test Instruments

| Equipment | Manufacturer | Model No. | Serial Number | Date of Cal. | Due Date |
|---|---|---|---|---|---|
| Spectrum Analyzer | Agilent | N9020A | MY50101018 | Jun. 27, 2024 | Jun. 26, 2025 |
| Test Software | TST Pass | / | / | / | / |

## 5.5. Power Spectral Density

### 5.5.1. Test Specification

| | |
|---|---|
| **Test Requirement:** | FCC Part15 C Section 15.247 (e) |
| **Test Method:** | KDB 558074 D01 v05r02 |
| **Limit:** | The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission. |
| **Test Setup:** |  |
| **Test Mode:** | Refer to item 3.1 |
| **Test Procedure:** | 1. The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.<br>2. Set to the maximum power setting and enable the EUT transmit continuously.<br>3. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)<br>4. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.<br>5. Measure and record the results in the test report. |
| **Test Result:** | PASS |

### 5.5.2. Test Instruments

| Equipment | Manufacturer | Model No. | Serial Number | Date of Cal. | Due Date |
|---|---|---|---|---|---|
| Spectrum Analyzer | Agilent | N9020A | MY50101018 | Jun. 27, 2024 | Jun. 26, 2025 |
| Test Software | TST Pass | / | / | / | / |



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## 5.6. Conducted Band Edge and Spurious Emission Measurement

### 5.6.1. Test Specification

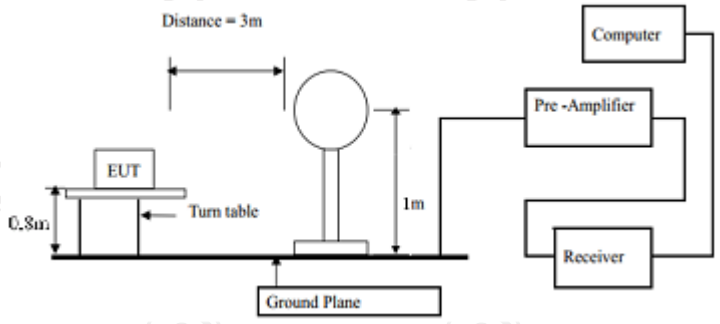
| | |
|---|---|
| **Test Requirement:** | FCC Part15 C Section 15.247 (d) |
| **Test Method:** | KDB 558074 D01 v05r02 |
| **Limit:** | In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a). |
| **Test Setup:** |  |
| **Test Mode:** | Refer to item 3.1 |
| **Test Procedure:** | 1. The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.<br>2. Set to the maximum power setting and enable the EUT transmit continuously.<br>3. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).<br>4. Measure and record the results in the test report.<br>5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band. |
| **Test Result:** | PASS |

### 5.6.2. Test Instruments

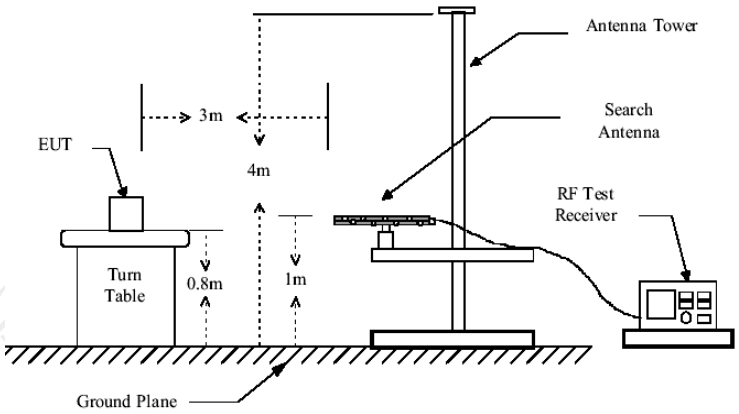
| Equipment | Manufacturer | Model No. | Serial Number | Date of Cal. | Due Date |
|---|---|---|---|---|---|
| Spectrum Analyzer | Agilent | N9020A | MY50101018 | Jun. 27, 2024 | Jun. 26, 2025 |
| Test Software | TST Pass | / | / | / | / |

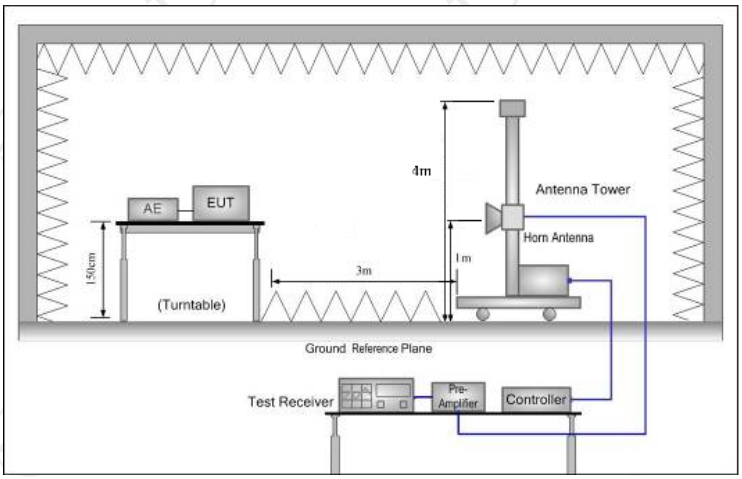
## 5.7. Radiated Spurious Emission Measurement

### 5.7.1. Test Specification

<table>
<tr><td>Test Requirement:</td><td>FCC Part15 C Section 15.209</td></tr>
<tr><td>Test Method:</td><td>ANSI C63.10:2020</td></tr>
<tr><td>Frequency Range:</td><td>9 kHz to 25 GHz</td></tr>
<tr><td>Measurement Distance:</td><td>3 m</td></tr>
<tr><td>Antenna Polarization:</td><td>Horizontal & Vertical</td></tr>
<tr><td>Operation mode:</td><td>Refer to item 3.1</td></tr>
<tr><td>Receiver Setup:</td><td>
<table>
<tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr>
<tr><td>9kHz- 150kHz</td><td>Quasi-peak</td><td>200Hz</td><td>1kHz</td><td>Quasi-peak Value</td></tr>
<tr><td>150kHz-30MHz</td><td>Quasi-peak</td><td>9kHz</td><td>30kHz</td><td>Quasi-peak Value</td></tr>
<tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>120KHz</td><td>300KHz</td><td>Quasi-peak Value</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr>
<tr><td>Peak</td><td>1MHz</td><td>10Hz</td><td>Average Value</td></tr>
</table>
</td></tr>
<tr><td>Limit:</td><td>
<table>
<tr><td>Frequency</td><td>Field Strength (microvolts/meter)</td><td>Measurement Distance (meters)</td></tr>
<tr><td>0.009-0.490</td><td>2400/F(KHz)</td><td>300</td></tr>
<tr><td>0.490-1.705</td><td>24000/F(KHz)</td><td>30</td></tr>
<tr><td>1.705-30</td><td>30</td><td>30</td></tr>
<tr><td>30-88</td><td>100</td><td>3</td></tr>
<tr><td>88-216</td><td>150</td><td>3</td></tr>
<tr><td>216-960</td><td>200</td><td>3</td></tr>
<tr><td>Above 960</td><td>500</td><td>3</td></tr>
</table>
<table>
<tr><td>Frequency</td><td>Field Strength (microvolts/meter)</td><td>Measurement Distance (meters)</td><td>Detector</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>500</td><td>3</td><td>Average</td></tr>
<tr><td>5000</td><td>3</td><td>Peak</td></tr>
</table>
</td></tr>
<tr><td>Test setup:</td><td>For radiated emissions below 30MHz<br> 

<br>30MHz to 1GHz</td></tr>
</table>

<table>
<tr>
<td></td>
<td>


Above 1GHz


</td>
</tr>
<tr>
<td>Test Procedure:</td>
<td>1. For the radiated emission test below 1GHz:<br>The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level.<br>For the radiated emission test above 1GHz:<br>Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final</td>
</tr>
</table>

| | |
|---|---|
| | measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.<br>2. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level<br>3. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.<br>4. Use the following spectrum analyzer settings:<br>(1) Span shall wide enough to fully capture the emission being measured;<br>(2) Set RBW=120 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;<br>(3) Set RBW = 1 MHz, VBW= 3MHz for f >1 GHz for peak measurement.<br>For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. |
| **Test mode:** | Refer to section 3.1 for details |
| **Test results:** | PASS |



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### 5.7.2. Test Instruments

| Radiated Emission Test Site (966) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model** | **Serial Number** | **Date of Cal.** | **Due Date** |
| EMI Test Receiver | R&S | ESCI7 | 100529 | Jan. 21, 2025 | Jan. 20, 2026 |
| Spectrum Analyzer | R&S | FSQ40 | 200061 | Jun. 27, 2024 | Jun. 26, 2025 |
| Pre-amplifier | SKET | LNPA_0118G-45 | SK2021012102 | Jan. 21, 2025 | Jan. 20, 2026 |
| Pre-amplifier | SKET | LNPA_1840G-50 | SK202109203500 | Jan. 21, 2025 | Jan. 20, 2026 |
| Pre-amplifier | HP | 8447D | 2727A05017 | Jun. 27, 2024 | Jun. 26, 2025 |
| Loop antenna | Schwarzbeck | FMZB1519B | 00191 | Jun. 27, 2024 | Jun. 26, 2025 |
| Broadband Antenna | Schwarzbeck | VULB9163 | 340 | Jun. 29, 2024 | Jun. 28, 2025 |
| Horn Antenna | Schwarzbeck | BBHA 9120D | 631 | Jun. 29, 2024 | Jun. 28, 2025 |
| Horn Antenna | Schwarzbeck | BBHA 9170 | 00956 | Jan. 23, 2025 | Jan. 22, 2026 |
| Coaxial cable | SKET | RE-03-D | / | Jun. 27, 2024 | Jun. 26, 2025 |
| Coaxial cable | SKET | RE-03-M | / | Jun. 27, 2024 | Jun. 26, 2025 |
| Coaxial cable | SKET | RE-03-L | / | Jun. 27, 2024 | Jun. 26, 2025 |
| Coaxial cable | SKET | RE-04-D | / | Jun. 27, 2024 | Jun. 26, 2025 |
| Coaxial cable | SKET | RE-04-M | / | Jun. 27, 2024 | Jun. 26, 2025 |
| Coaxial cable | SKET | RE-04-L | / | Jun. 27, 2024 | Jun. 26, 2025 |
| Antenna Mast | Keleto | RE-AM | / | / | / |
| EMI Test Software | EZ_EMC | FA-03A2 RE+ | 1.1.4.2 | / | / |


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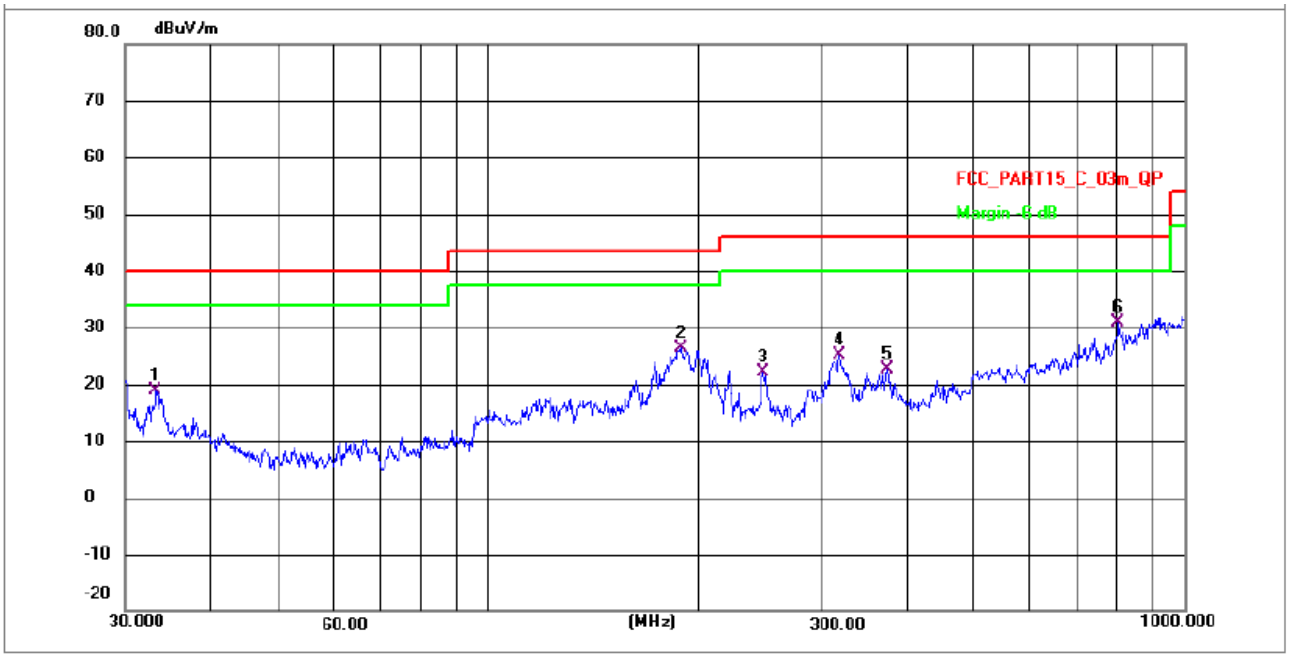
## 5.7.3. Test Data

**Please refer to following diagram for individual**

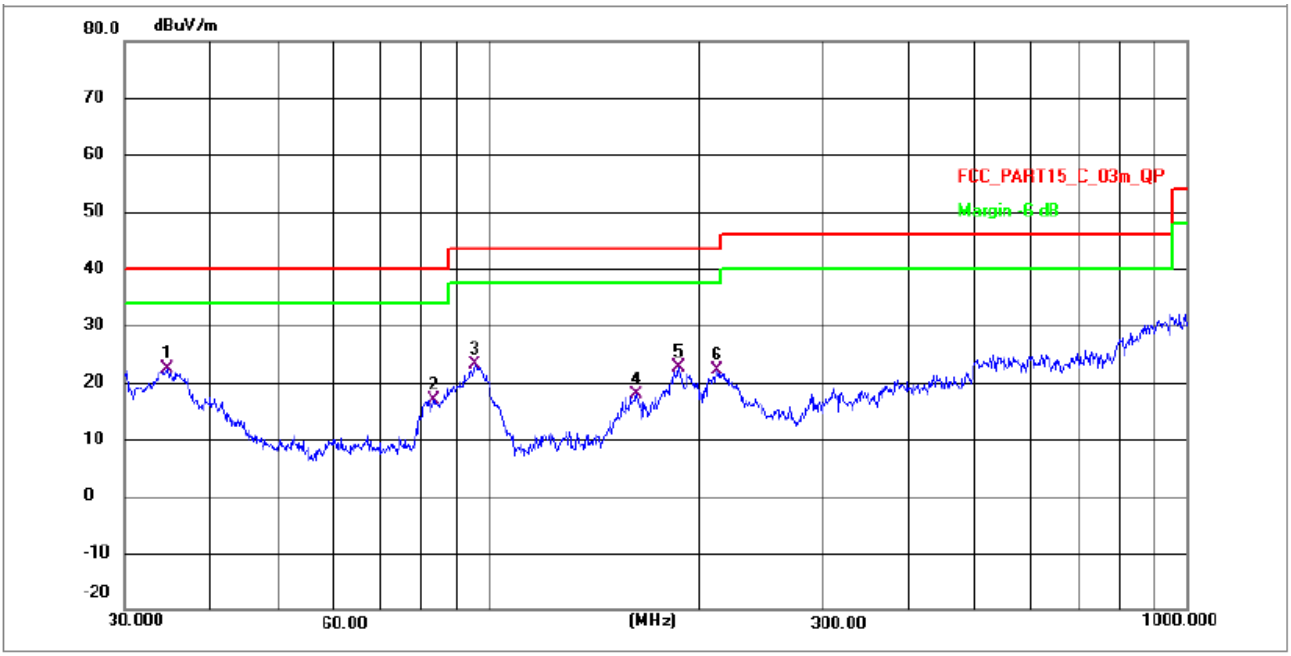
**Below 1GHz**

Horizontal:




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | P/F |
|---|---|---|---|---|---|---|---|---|
| 1 | 33.2693 | 28.57 | -9.68 | 18.89 | 40.00 | -21.11 | QP | P |
| 2 | 188.4122 | 48.04 | -21.65 | 26.39 | 43.50 | -17.11 | QP | P |
| 3 | 248.1165 | 43.24 | -21.06 | 22.18 | 46.00 | -23.82 | QP | P |
| 4 | 319.9370 | 45.61 | -20.46 | 25.15 | 46.00 | -20.85 | QP | P |
| 5 | 373.9662 | 42.67 | -20.04 | 22.63 | 46.00 | -23.37 | QP | P |
| 6 * | 801.7862 | 48.78 | -17.83 | 30.95 | 46.00 | -15.05 | QP | P |

Vertical:




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | P/F |
|---|---|---|---|---|---|---|---|---|
| 1 * | 34.6385 | 32.12 | -9.68 | 22.44 | 40.00 | -17.56 | QP | P |
| 2 | 83.3756 | 39.69 | -22.72 | 16.97 | 40.00 | -23.03 | QP | P |
| 3 | 95.5943 | 45.66 | -22.53 | 23.13 | 43.50 | -20.37 | QP | P |
| 4 | 162.8960 | 39.88 | -21.88 | 18.00 | 43.50 | -25.50 | QP | P |
| 5 | 187.7530 | 44.20 | -21.66 | 22.54 | 43.50 | -20.96 | QP | P |
| 6 | 212.6420 | 43.50 | -21.41 | 22.09 | 43.50 | -21.41 | QP | P |

***Note:*** *1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported*

*2. Speed for 1M and 2M modulations of EUT have been tested, but the test data only show the worst case in this report, and we found the worst case is 1M speed modulation. Measurements were conducted in all three channels (high, middle, low), and the worst case Mode (Highest channel) was submitted only.*

*3. Freq. = Emission frequency in MHz*

*Measurement (dBμV/m) = Reading level (dBμV) + Corr. Factor (dB)*

*Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*

*Limit (dBμV/m) = Limit stated in standard*

*Margin (dB) = Measurement (dBμV/m) – Limits (dBμV/m)*

** is meaning the worst frequency has been tested in the test frequency range*

**Test Result of Radiated Spurious at Band edges**

| Test Channel: Lowest channel, Test Polarization: Horizontal | | | | | | | |
|---|---|---|---|---|---|---|---|
| Frequency (MHz) | Reading (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Marging (dB) | Detector | Result |
| 2310.00 | 60.53 | -16.45 | 44.08 | 74.00 | -29.92 | Peak | Pass |
| 2310.00 | 47.27 | -16.45 | 30.82 | 54.00 | -23.18 | AV | Pass |
| 2390.00 | 59.41 | -15.86 | 43.55 | 74.00 | -30.45 | Peak | Pass |
| 2390.00 | 49.16 | -15.86 | 33.30 | 54.00 | -20.70 | AV | Pass |
| 2400.00 | 60.54 | -15.82 | 44.72 | 74.00 | -29.28 | Peak | Pass |
| 2400.00 | 50.07 | -15.82 | 34.25 | 54.00 | -19.75 | AV | Pass |
| **Test Channel: Lowest channel, Test Polarization: Vertical** | | | | | | | |
| Frequency (MHz) | Reading (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Marging (dB) | Detector | Result |
| 2310.00 | 60.85 | -16.45 | 44.40 | 74.00 | -29.60 | Peak | Pass |
| 2310.00 | 50.16 | -16.45 | 33.71 | 54.00 | -20.29 | AV | Pass |
| 2390.00 | 59.73 | -15.86 | 43.87 | 74.00 | -30.13 | Peak | Pass |
| 2390.00 | 49.17 | -15.86 | 33.31 | 54.00 | -20.69 | AV | Pass |
| 2400.00 | 60.86 | -15.82 | 45.04 | 74.00 | -28.96 | Peak | Pass |
| 2400.00 | 48.91 | -15.82 | 33.09 | 54.00 | -20.91 | AV | Pass |
| **Test Channel: Highest channel, Test Polarization: Horizontal** | | | | | | | |
| Frequency (MHz) | Reading (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Marging (dB) | Detector | Result |
| 2483.50 | 61.91 | -16.60 | 45.31 | 74.00 | -28.69 | Peak | Pass |
| 2483.50 | 51.27 | -16.60 | 34.67 | 54.00 | -19.33 | AV | Pass |
| 2500.00 | 60.19 | -16.45 | 43.74 | 74.00 | -30.26 | Peak | Pass |
| 2500.00 | 49.64 | -16.45 | 33.19 | 54.00 | -20.81 | AV | Pass |
| **Test Channel: Highest channel, Test Polarization: Vertical** | | | | | | | |
| Frequency (MHz) | Reading (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Marging (dB) | Detector | Result |
| 2483.50 | 61.73 | -16.60 | 45.13 | 74.00 | -28.87 | Peak | Pass |
| 2483.50 | 52.27 | -16.60 | 35.67 | 54.00 | -18.33 | AV | Pass |
| 2500.00 | 59.80 | -16.45 | 43.35 | 74.00 | -30.65 | Peak | Pass |
| 2500.00 | 50.57 | -16.45 | 34.12 | 54.00 | -19.88 | AV | Pass |

***Note:*** *Speed for 1M and 2M modulations of EUT have been tested, but the test data only show the worst case in this report, and we found the worst case is 1M speed modulation.*



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**Above 1GHz**

| Low channel: 2402 MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBuV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 4804 | H | 56.47 | --- | -9.51 | 46.96 | --- | 74 | 54 | -7.04 |
| 7206 | H | 45.80 | --- | -1.41 | 44.39 | --- | 74 | 54 | -9.61 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | | | | |
| 4804 | V | 55.93 | --- | -9.51 | 46.42 | --- | 74 | 54 | -7.58 |
| 7206 | V | 46.57 | --- | -1.41 | 45.16 | --- | 74 | 54 | -8.84 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| Middle channel: 2440 MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 4880 | H | 54.73 | --- | -9.36 | 45.37 | --- | 74 | 54 | -8.63 |
| 7320 | H | 45.44 | --- | -1.14 | 44.30 | --- | 74 | 54 | -9.70 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | | | | |
| 4880 | V | 55.18 | --- | -9.36 | 45.82 | --- | 74 | 54 | -8.18 |
| 7320 | V | 46.05 | --- | -1.14 | 44.91 | --- | 74 | 54 | -9.09 |
| --- | V | --- | --- | --- | --- | ---- | --- | --- | --- |

| High channel: 2480 MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 4960 | H | 56.80 | --- | -9.20 | 47.60 | --- | 74 | 54 | -6.40 |
| 7440 | H | 46.38 | --- | -0.96 | 45.42 | --- | 74 | 54 | -8.58 |
| --- | H | --- | --- | --- | --- | ---- | --- | --- | --- |
| | | | | | | | | | |
| 4960 | V | 55.75 | --- | -9.20 | 46.55 | --- | 74 | 54 | -7.45 |
| 7440 | V | 45.17 | --- | -0.96 | 44.21 | --- | 74 | 54 | -9.79 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

***Note:***

1. *Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*
2. *Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)*
3. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
4. *Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.*
5. *Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.*
6. *Speed for 1M and 2M modulations of EUT have been tested, but the test data only show the worst case in this report, and we found the worst case is 1M speed modulation.*
7. *All the restriction bands are compliance with the limit of 15.209.*



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# Appendix A: Test Result of Conducted Test

## 1. Duty Cycle

### 1.1 Test Result

#### 1.1.1 Ant1

| Ant1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M | SISO | 2402 | 1.639 | 1.874 | 87.46 | 0.58 | 0.00 |
| | | 2440 | 1.662 | 1.875 | 88.64 | 0.52 | 0.03 |
| | | 2480 | 1.662 | 1.876 | 88.59 | 0.53 | 0.03 |
| 2M | SISO | 2402 | 0.824 | 1.250 | 65.92 | 1.81 | 0.02 |
| | | 2440 | 0.851 | 1.250 | 68.08 | 1.67 | 0.03 |
| | | 2480 | 0.824 | 1.250 | 65.92 | 1.81 | 0.03 |


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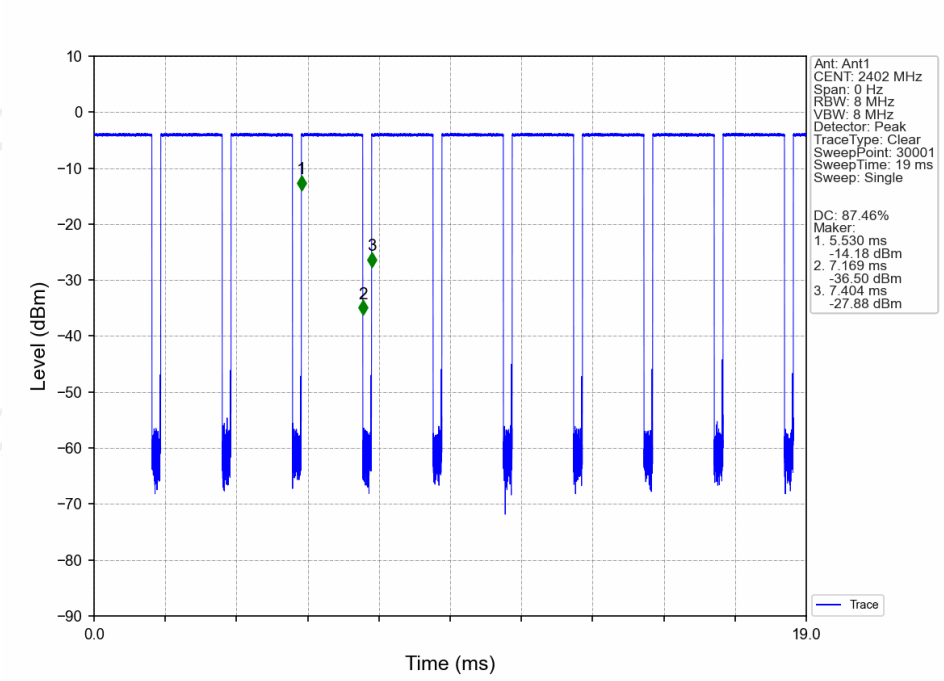
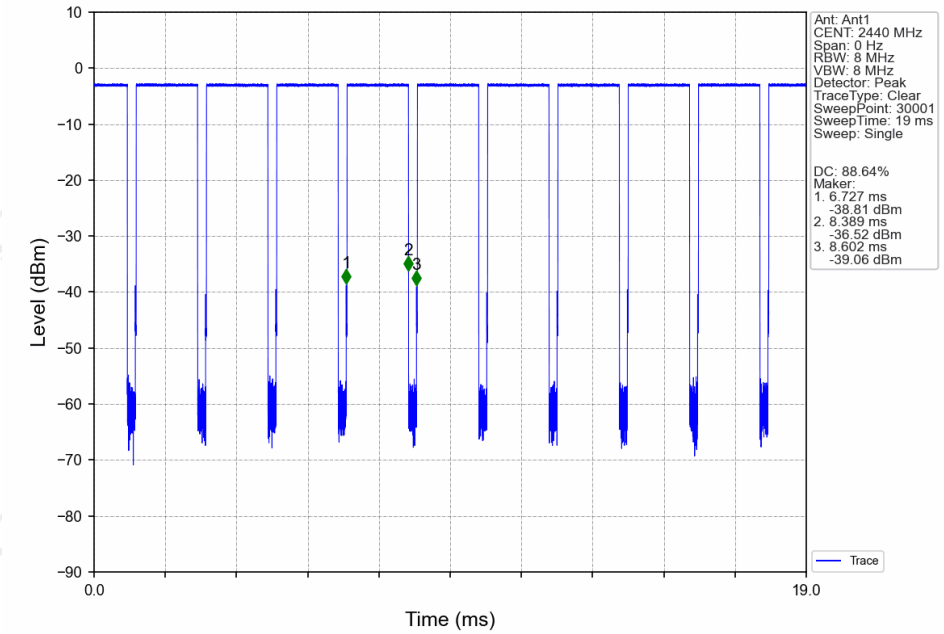
## 1.2 Test Graph

### 1.2.1 Ant1

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV





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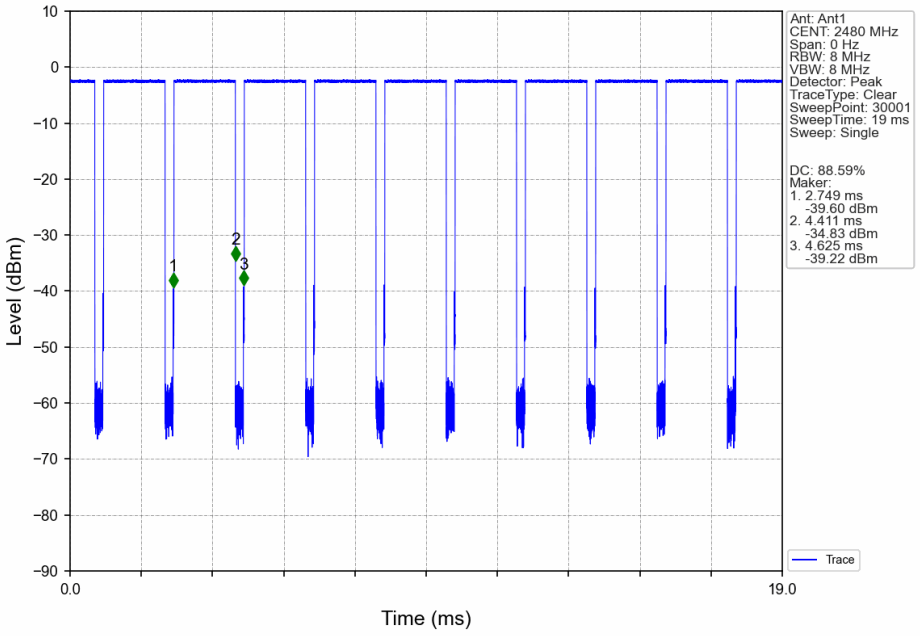
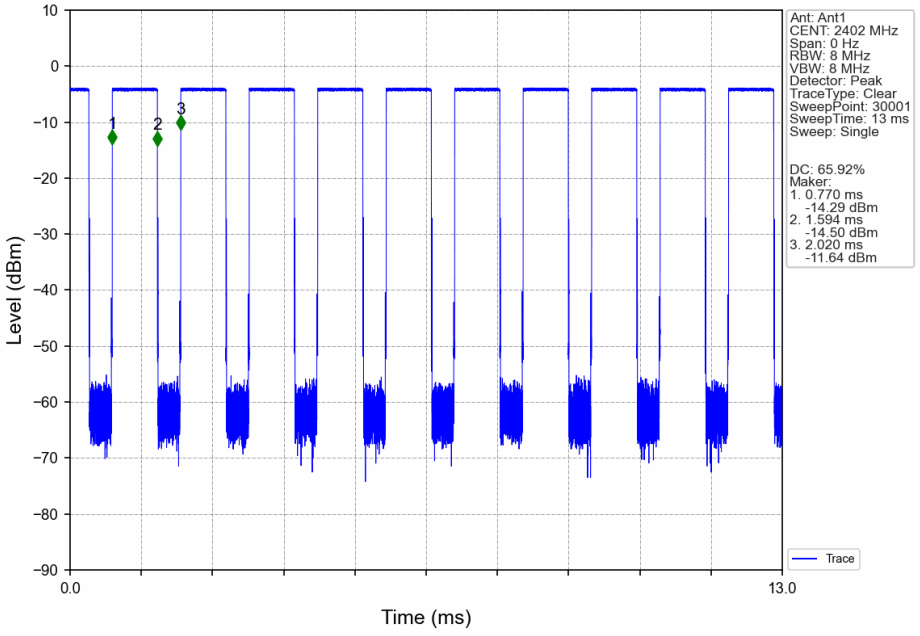
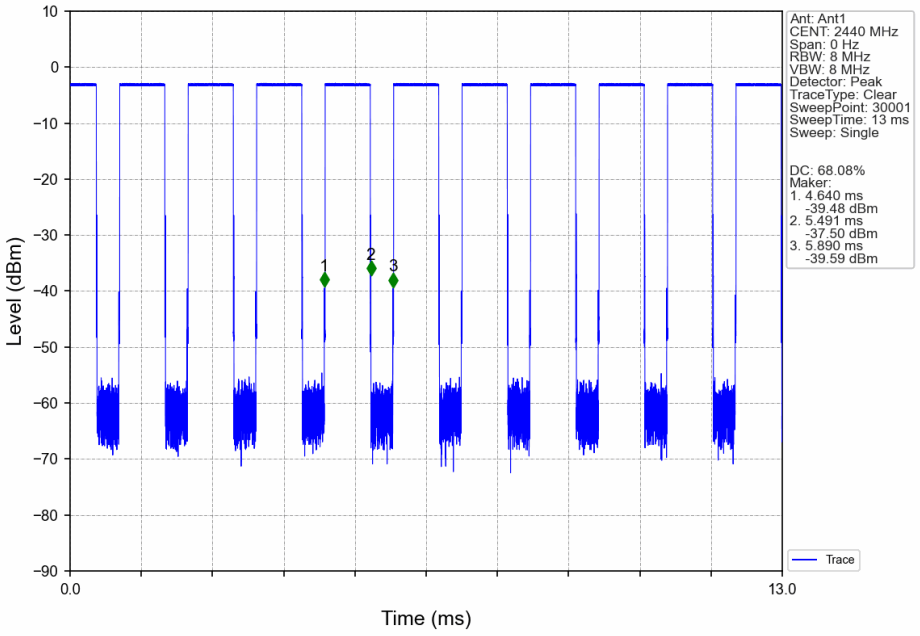
1M_HCH_2480MHz_Ant1_NTNV



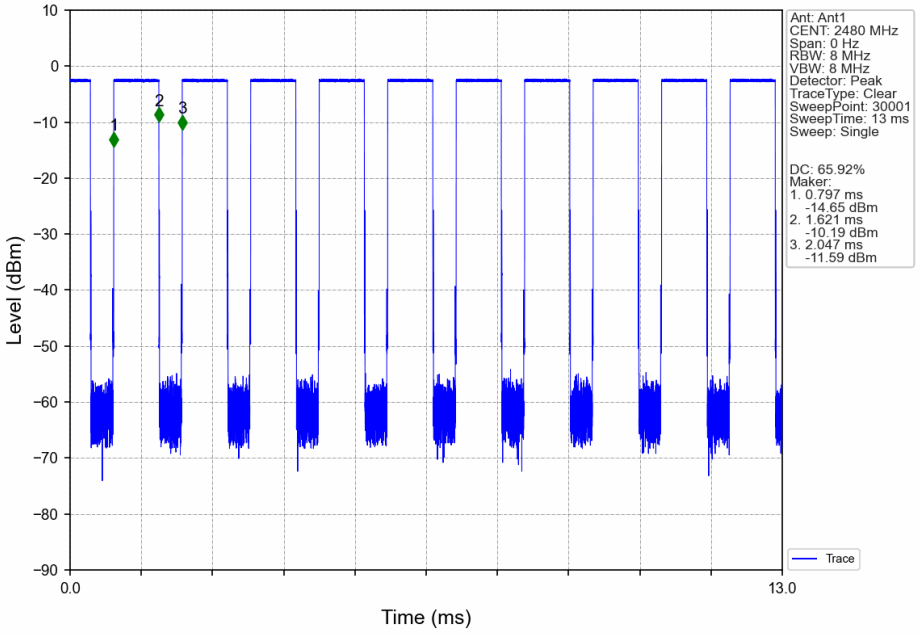

2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV




2M_HCH_2480MHz_Ant1_NTNV



# 2. Bandwidth

## 2.1 Test Result

### 2.1.1 OBW

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | | Verdict |
|---|---|---|---|---|---|---|
| | | | | Result | Limit | |
| 1M | SISO | 2402 | 1 | 1.014 | / | Pass |
| | | 2440 | 1 | 1.013 | / | Pass |
| | | 2480 | 1 | 1.012 | / | Pass |
| 2M | SISO | 2402 | 1 | 2.035 | / | Pass |
| | | 2440 | 1 | 2.033 | / | Pass |
| | | 2480 | 1 | 2.032 | / | Pass |

### 2.1.2 6dB BW

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|---|---|---|---|---|---|---|
| | | | | Result | Limit | |
| 1M | SISO | 2402 | 1 | 0.670 | >=0.5 | Pass |
| | | 2440 | 1 | 0.668 | >=0.5 | Pass |
| | | 2480 | 1 | 0.667 | >=0.5 | Pass |
| 2M | SISO | 2402 | 1 | 1.179 | >=0.5 | Pass |
| | | 2440 | 1 | 1.175 | >=0.5 | Pass |
| | | 2480 | 1 | 1.171 | >=0.5 | Pass |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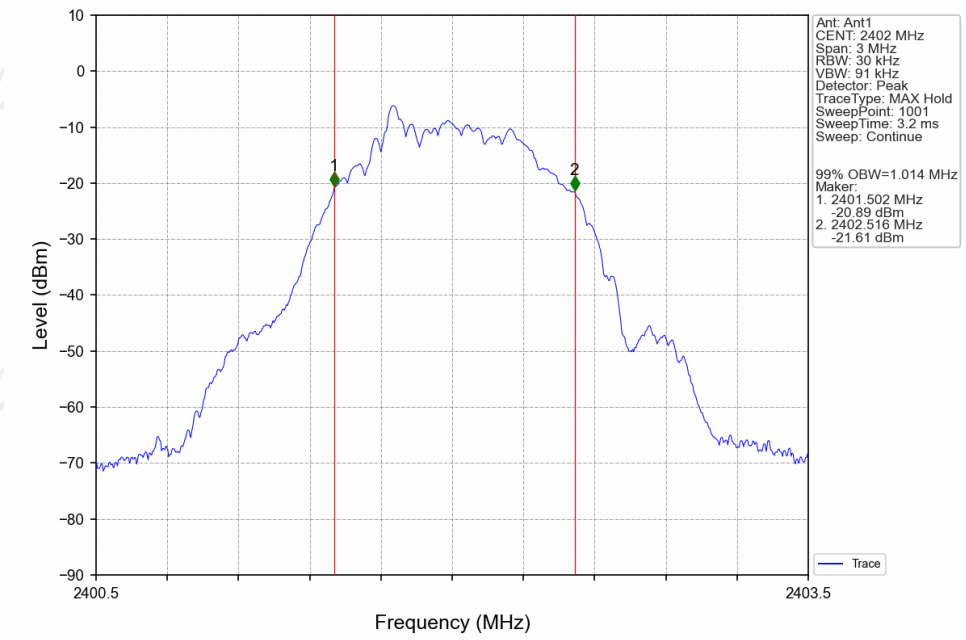
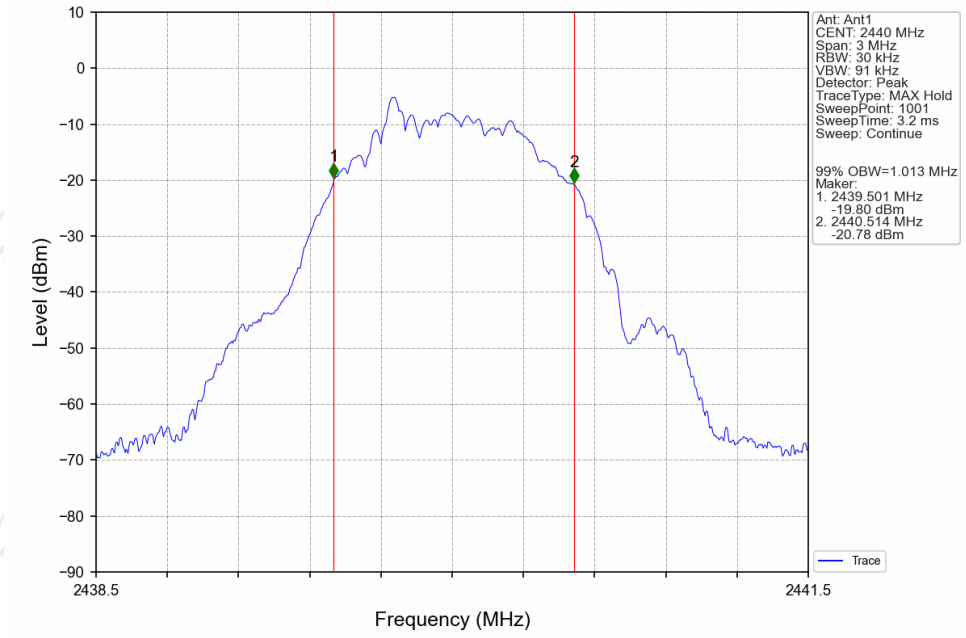
## 2.2 Test Graph

### 2.2.1 OBW

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV





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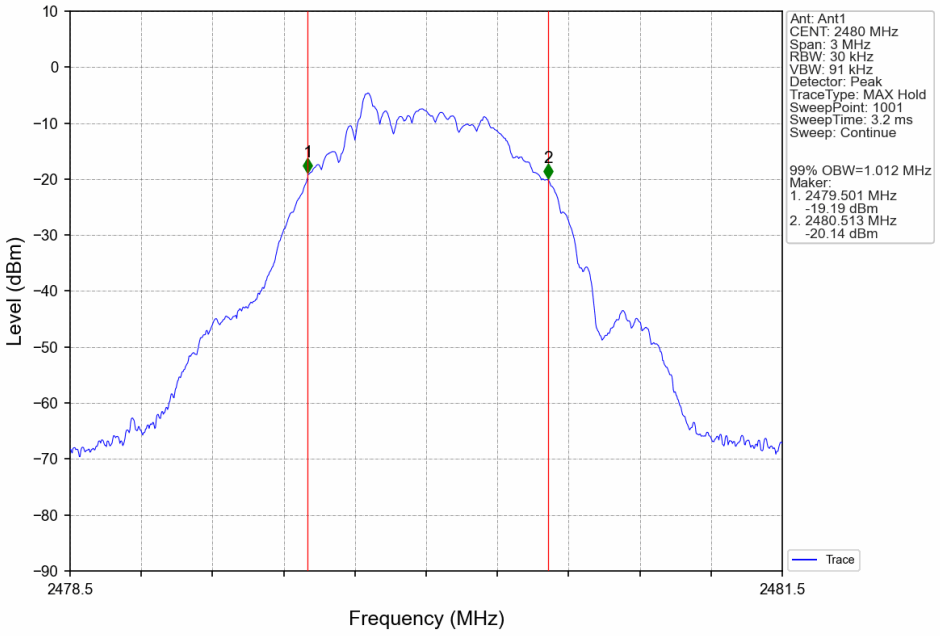
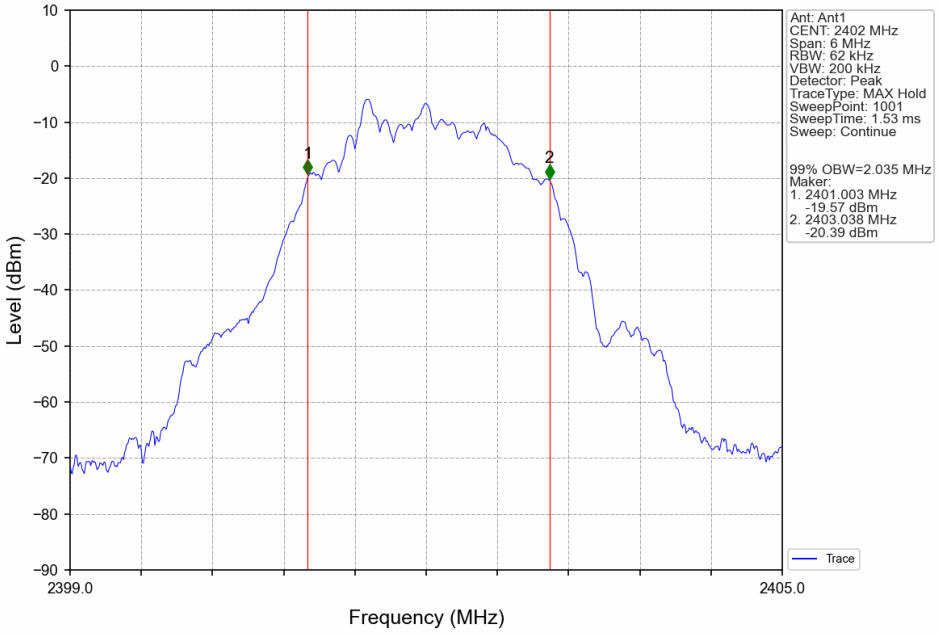
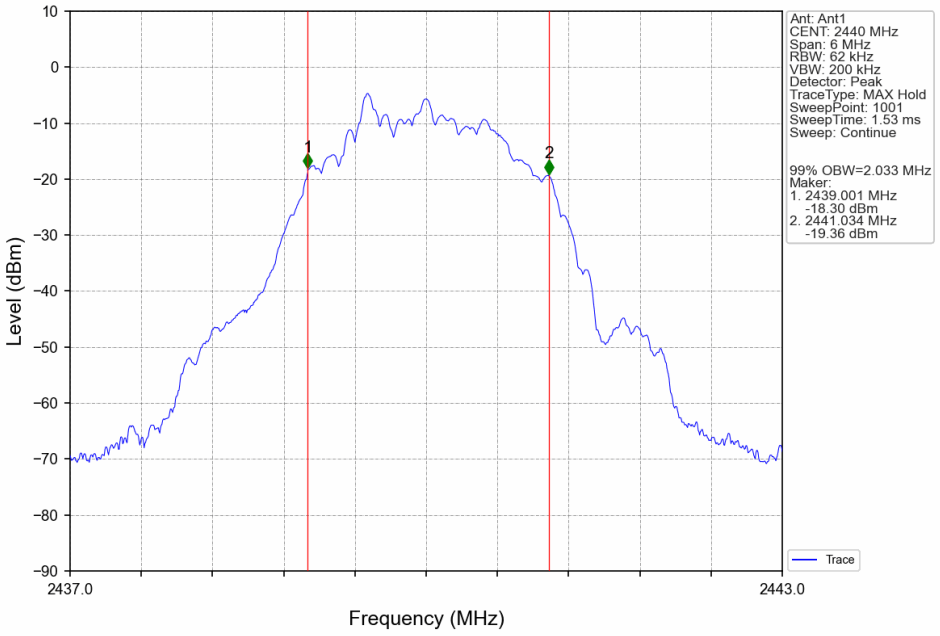
1M_HCH_2480MHz_Ant1_NTNV



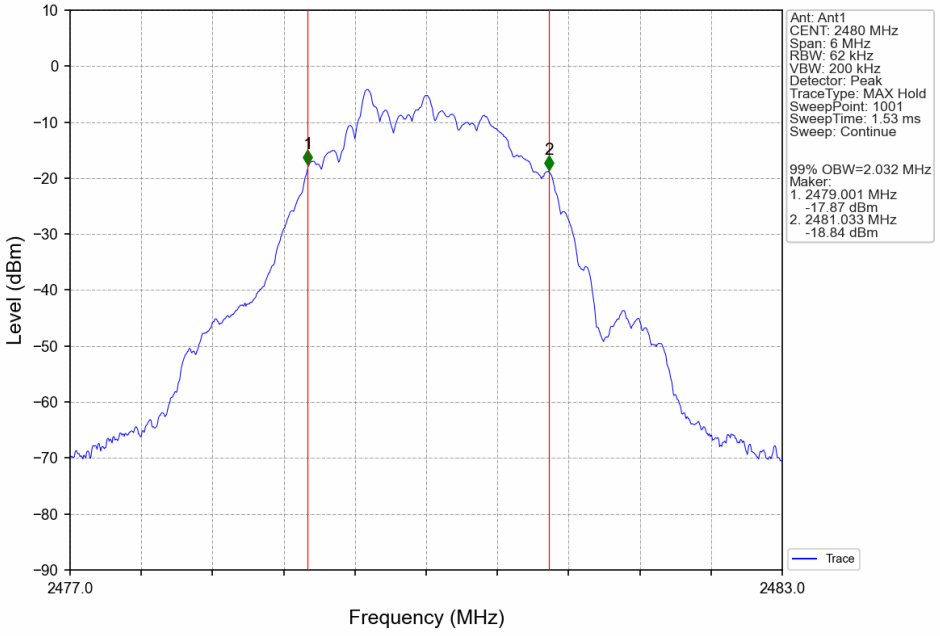

2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV

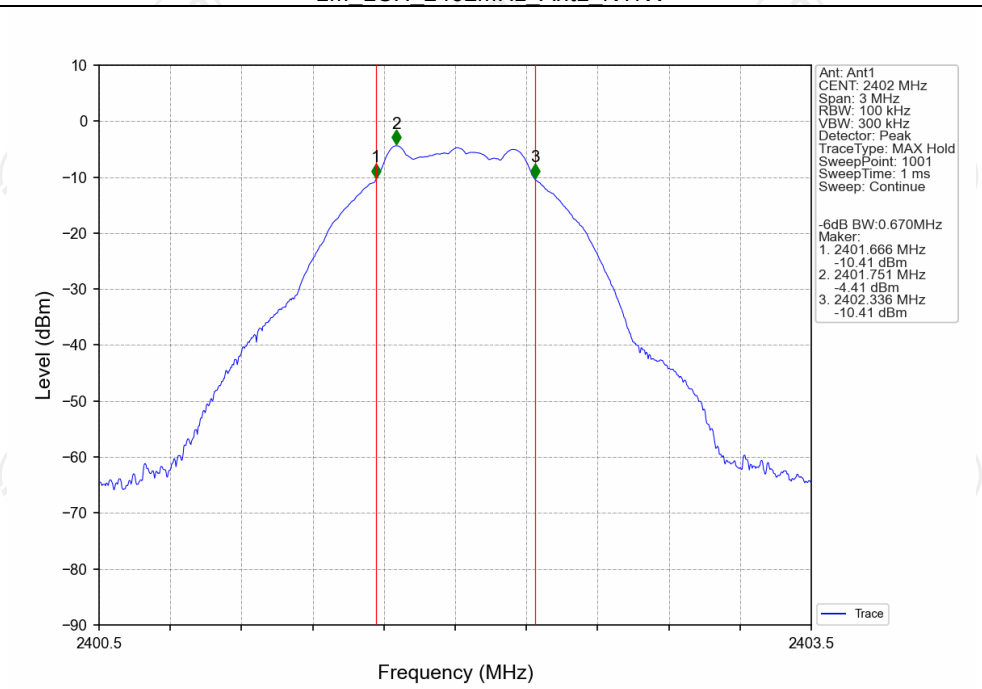



2M_HCH_2480MHz_Ant1_NTNV

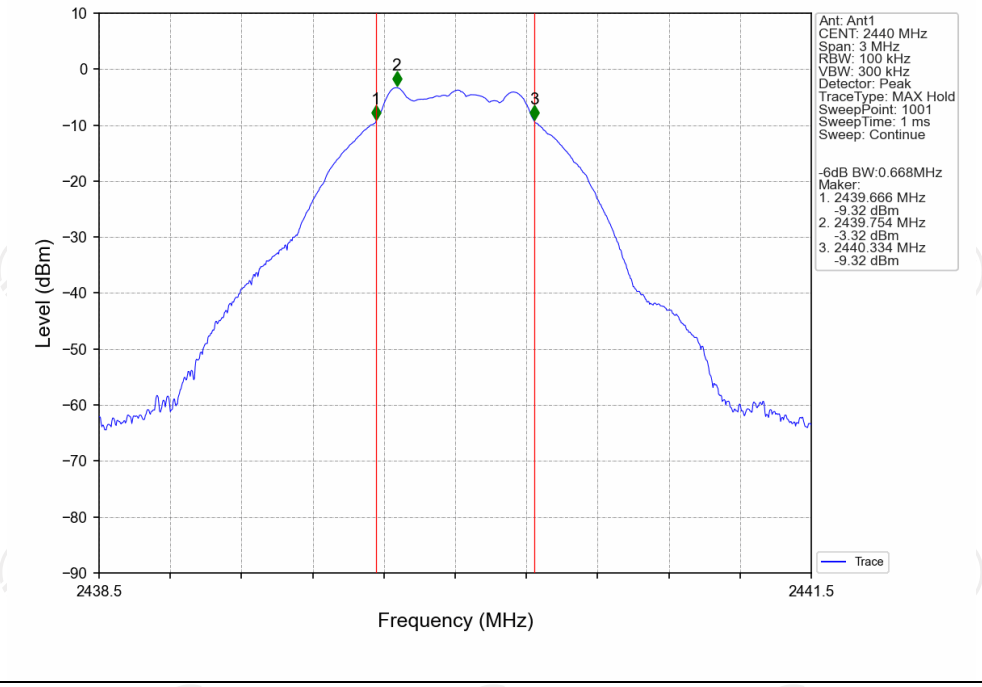


## 2.2.2 6dB BW

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV





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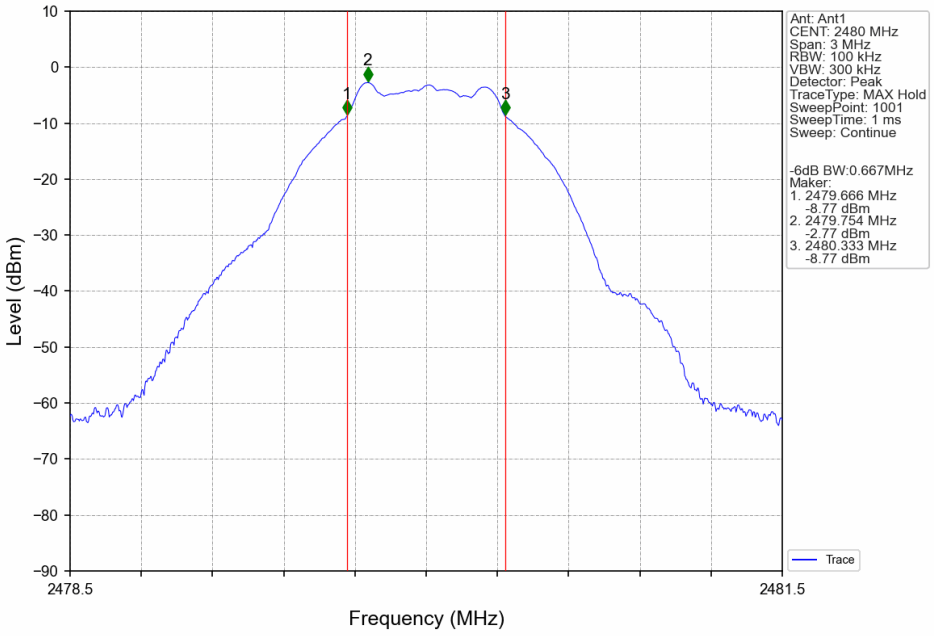
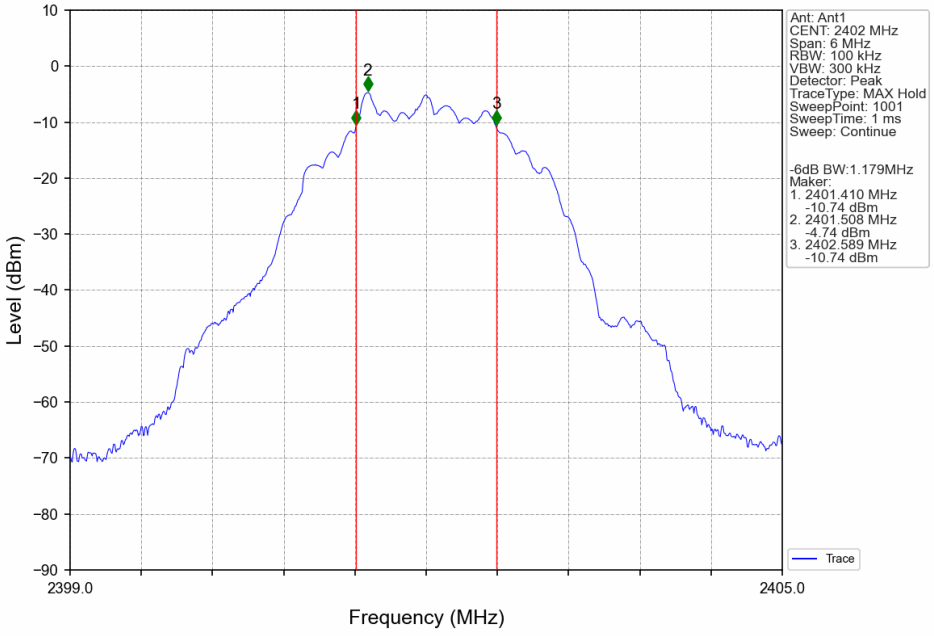
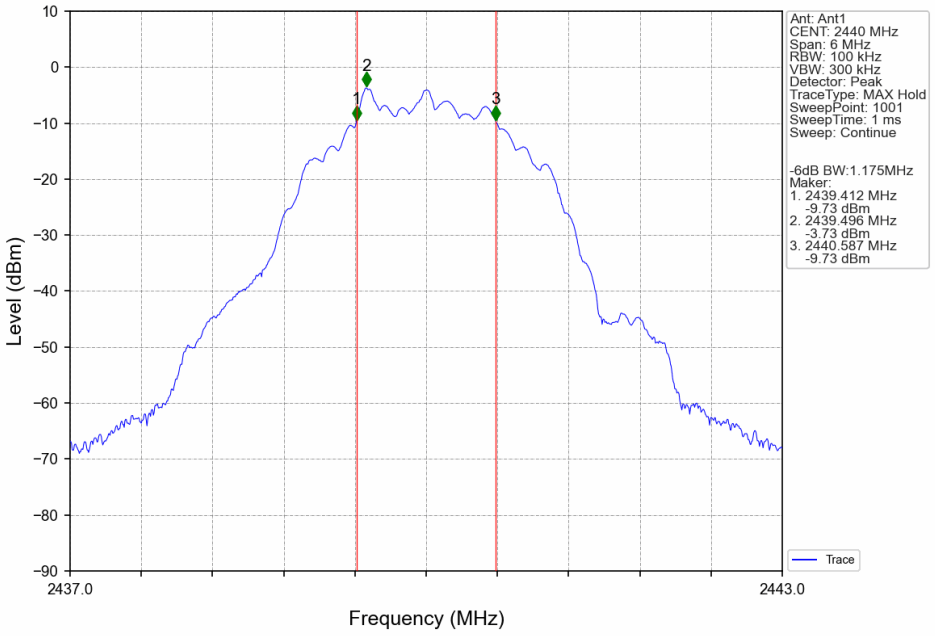
1M_HCH_2480MHz_Ant1_NTNV



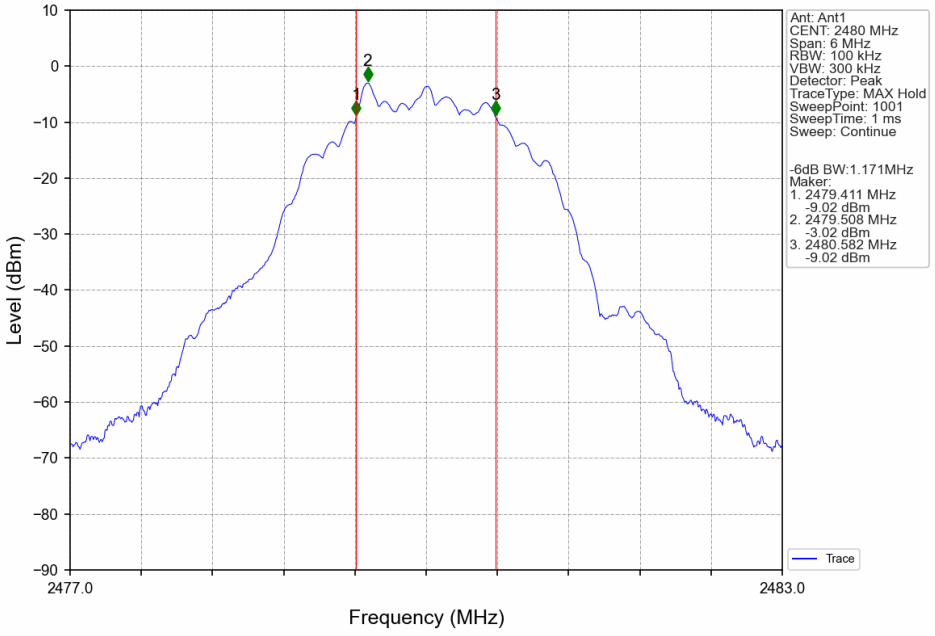

2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV




2M_HCH_2480MHz_Ant1_NTNV



# 3. Maximum Conducted Output Power

## 3.1 Test Result

### 3.1.1 Power

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) | | Verdict |
|---|---|---|---|---|---|
| | | | ANT1 | Limit | |
| 1M | SISO | 2402 | -4.02 | <=30 | Pass |
| | | 2440 | -3.04 | <=30 | Pass |
| | | 2480 | -2.49 | <=30 | Pass |
| 2M | SISO | 2402 | -4.01 | <=30 | Pass |
| | | 2440 | -3.08 | <=30 | Pass |
| | | 2480 | -2.55 | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 1.35dBi; | | | | | |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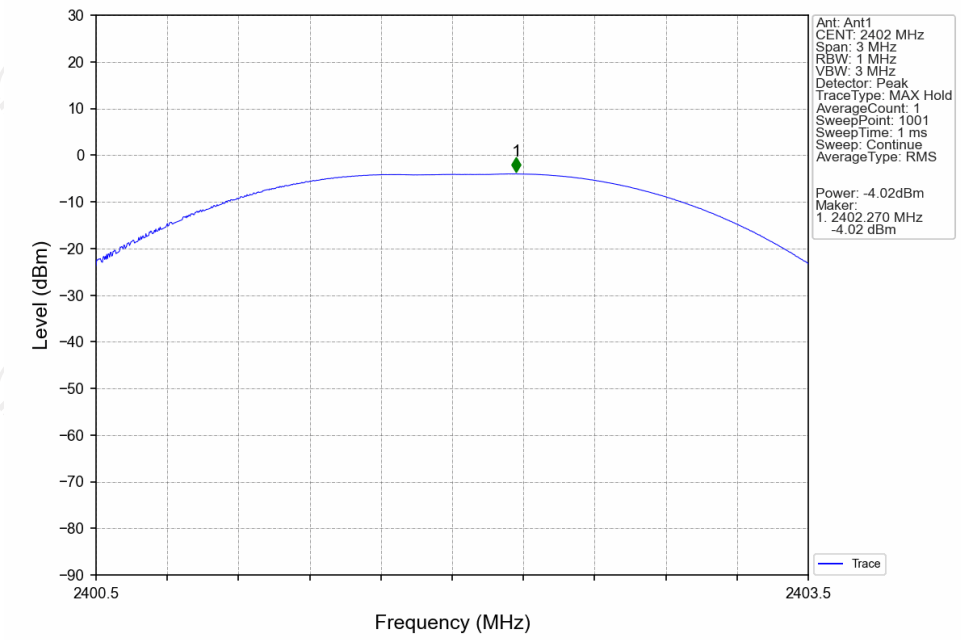
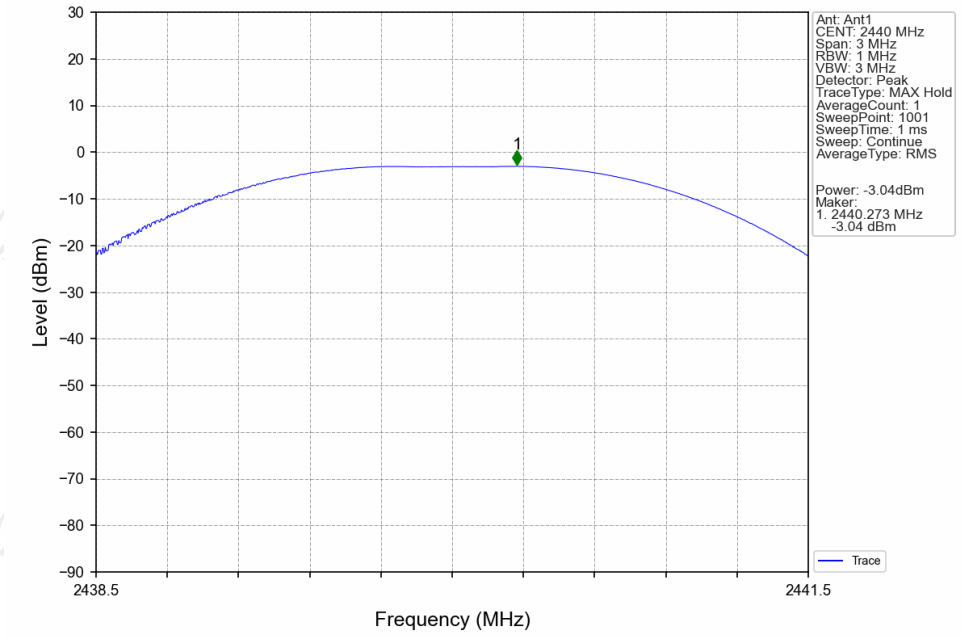
## 3.2 Test Graph

### 3.2.1 Power

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV





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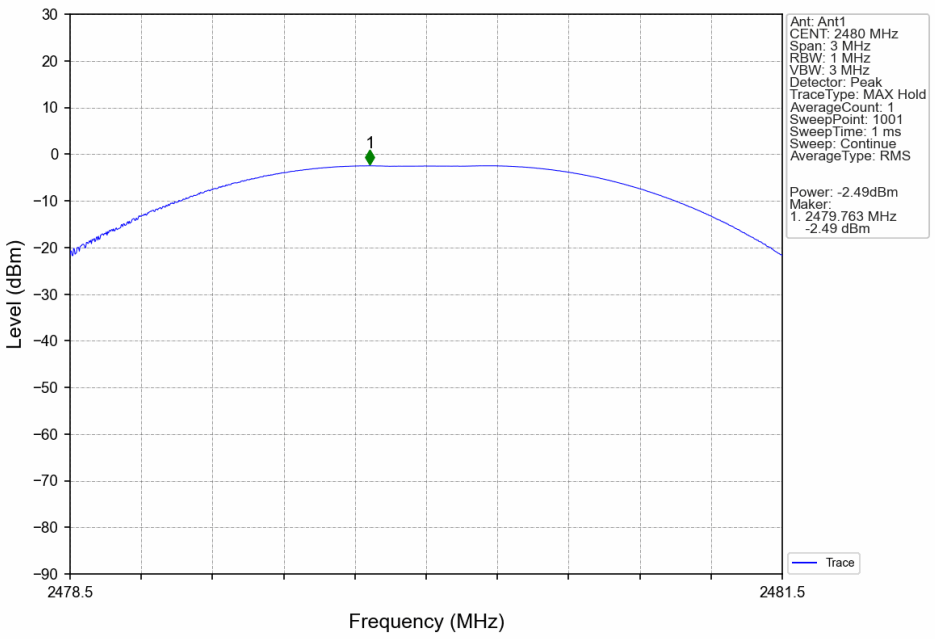
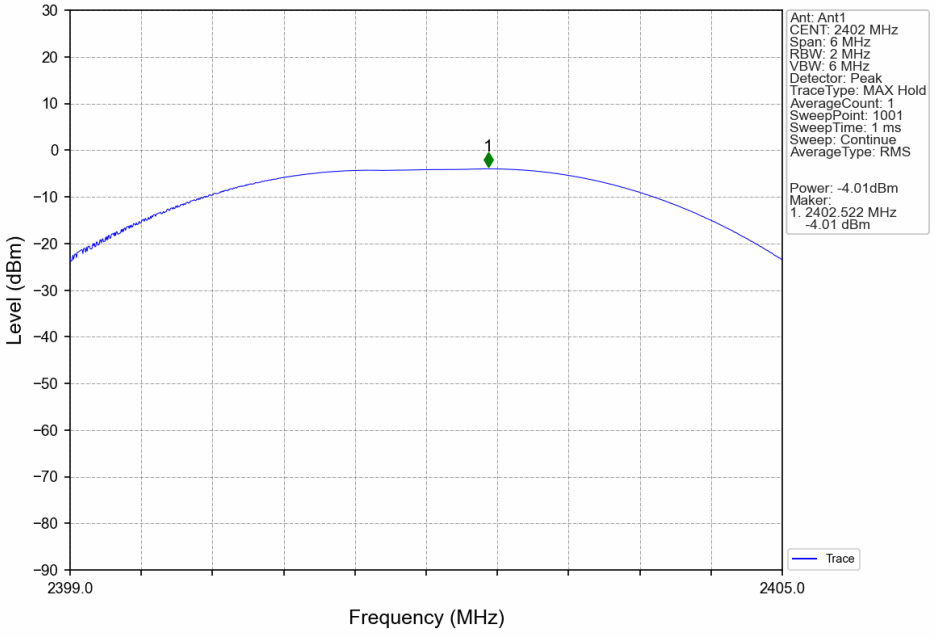
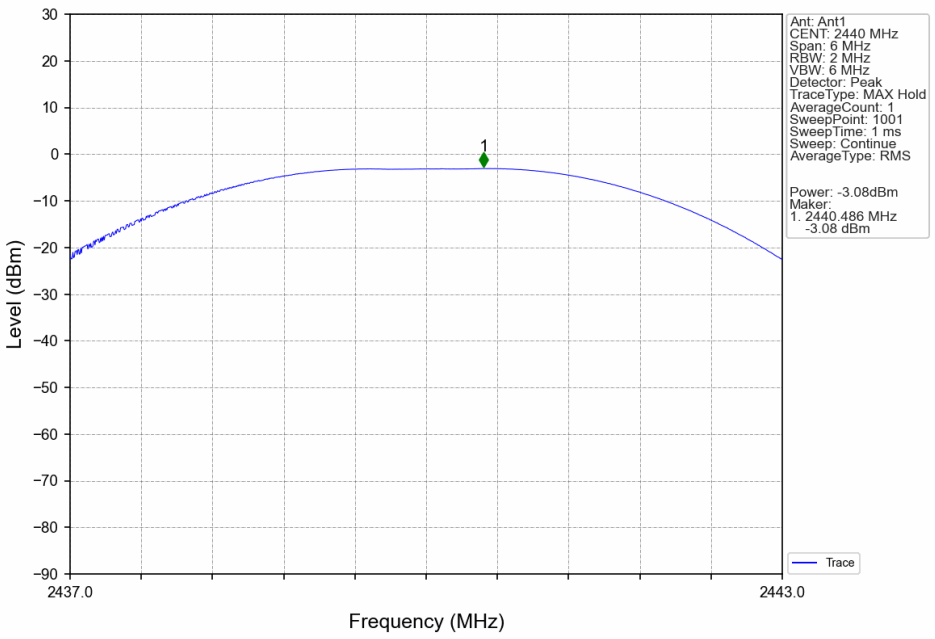
1M_HCH_2480MHz_Ant1_NTNV



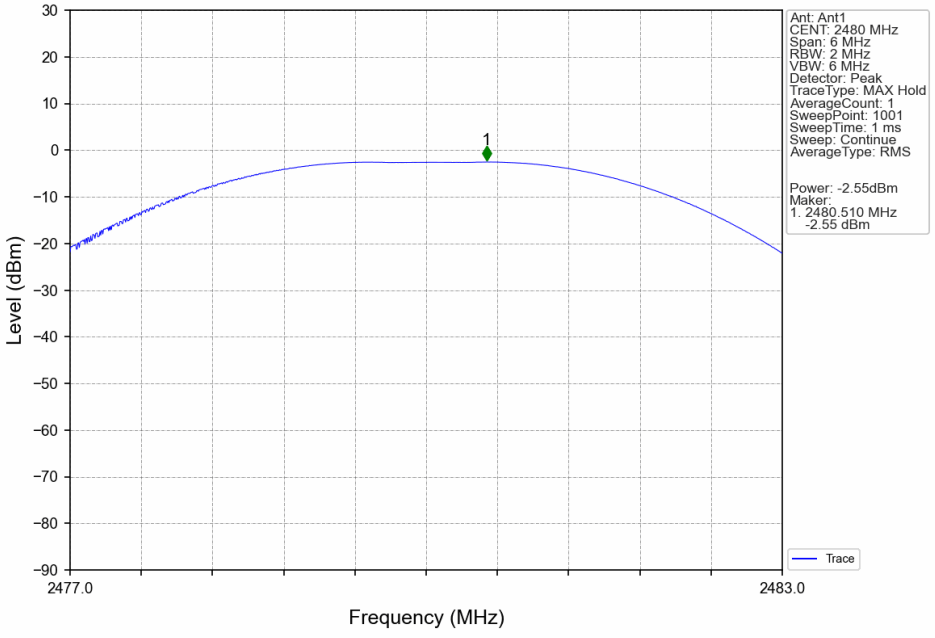

2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV




2M_HCH_2480MHz_Ant1_NTNV





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# 4. Maximum Power Spectral Density

## 4.1 Test Result

### 4.1.1 PSD

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) | | Verdict |
|---|---|---|---|---|---|
| | | | ANT1 | Limit | |
| 1M | SISO | 2402 | -20.27 | <=8 | Pass |
| | | 2440 | -19.23 | <=8 | Pass |
| | | 2480 | -18.68 | <=8 | Pass |
| 2M | SISO | 2402 | -23.71 | <=8 | Pass |
| | | 2440 | -22.66 | <=8 | Pass |
| | | 2480 | -22.09 | <=8 | Pass |
| Note1: Antenna Gain: Ant1: 1.35dBi; | | | | | |


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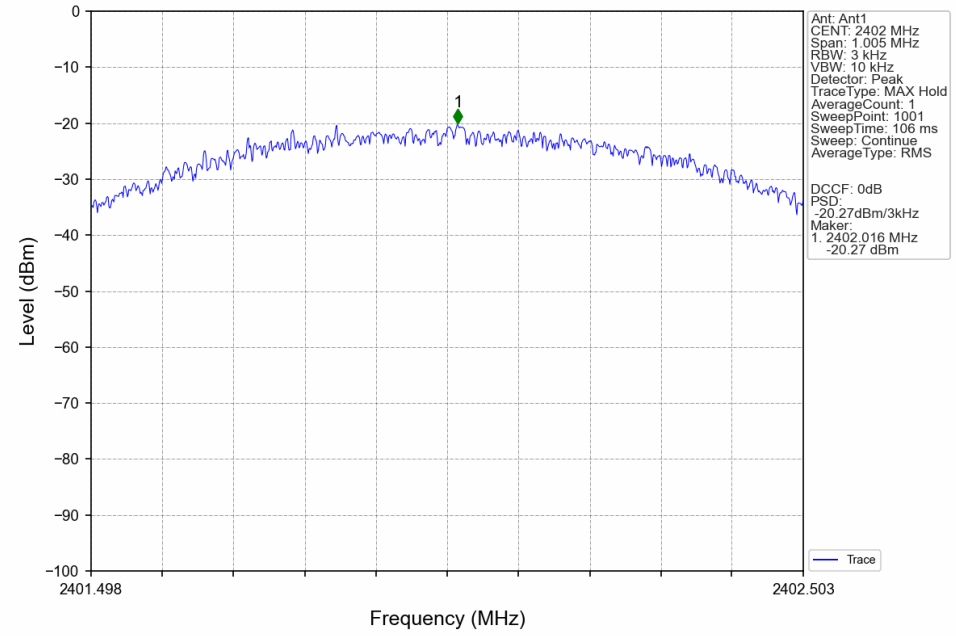
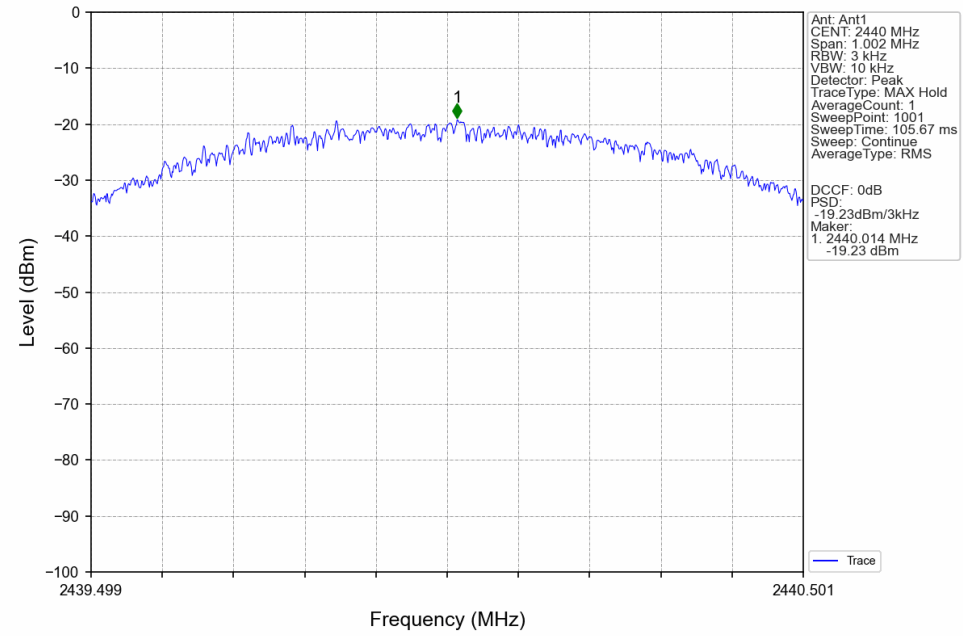
## 4.2 Test Graph

### 4.2.1 PSD

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV





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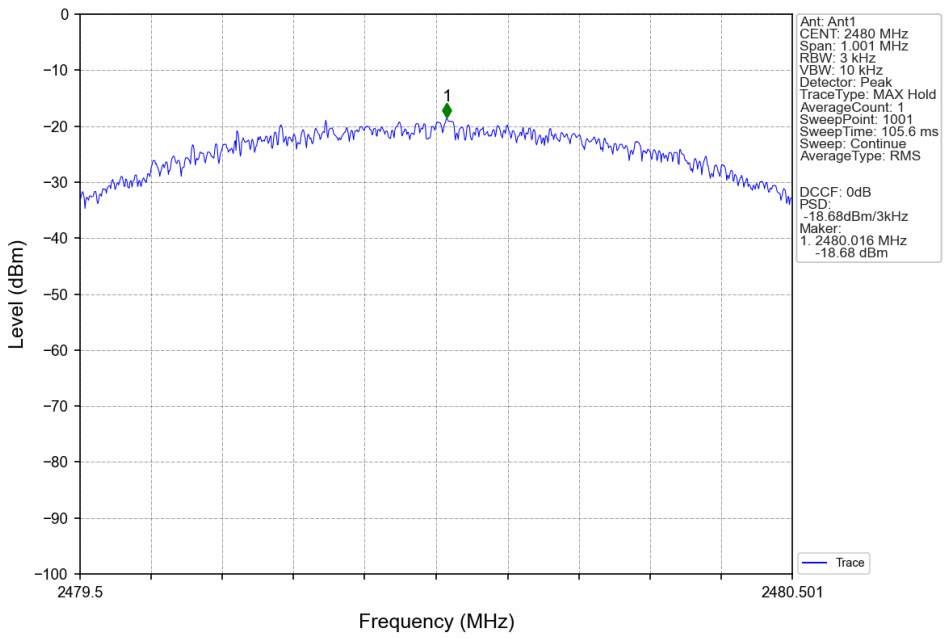
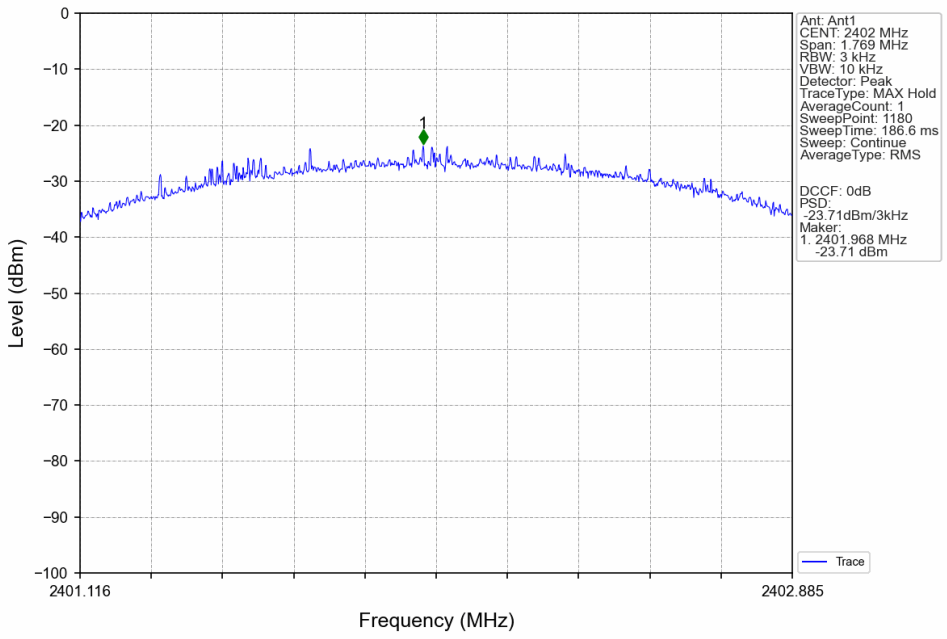
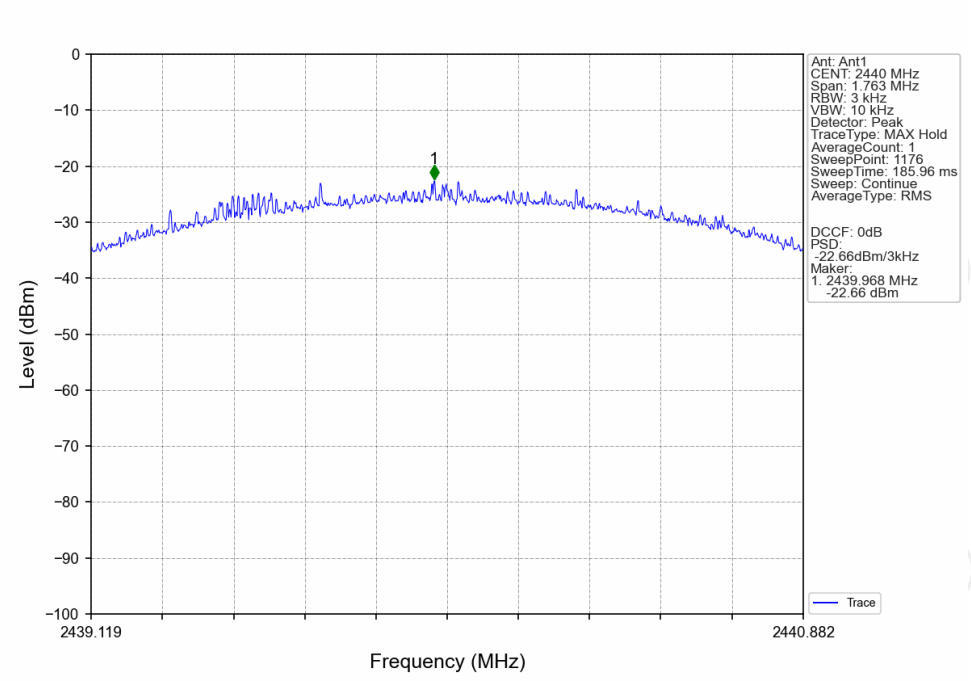
1M_HCH_2480MHz_Ant1_NTNV



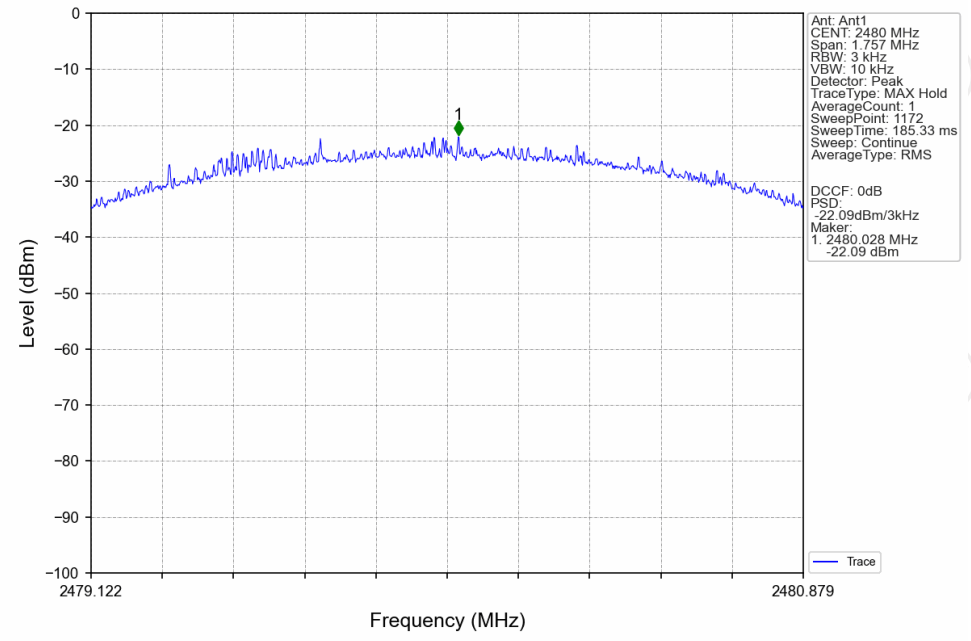

2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV




2M_HCH_2480MHz_Ant1_NTNV



# 5. Unwanted Emissions In Non-restricted Frequency Bands

## 5.1 Test Result

### 5.1.1 Ref

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|---|---|---|---|---|
| 1M | SISO | 2402 | 1 | -4.38 |
| | | 2440 | 1 | -3.33 |
| | | 2480 | 1 | **-2.75** |
| 2M | SISO | 2402 | 1 | -4.81 |
| | | 2440 | 1 | -3.63 |
| | | 2480 | 1 | **-3.07** |
| Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level. | | | | |

### 5.1.2 CSE

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|
| 1M | SISO | 2402 | 1 | -2.75 | -22.75 | Pass |
| | | 2440 | 1 | -2.75 | -22.75 | Pass |
| | | 2480 | 1 | -2.75 | -22.75 | Pass |
| 2M | SISO | 2402 | 1 | -3.07 | -23.07 | Pass |
| | | 2440 | 1 | -3.07 | -23.07 | Pass |
| | | 2480 | 1 | -3.07 | -23.07 | Pass |
| Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level. | | | | | | |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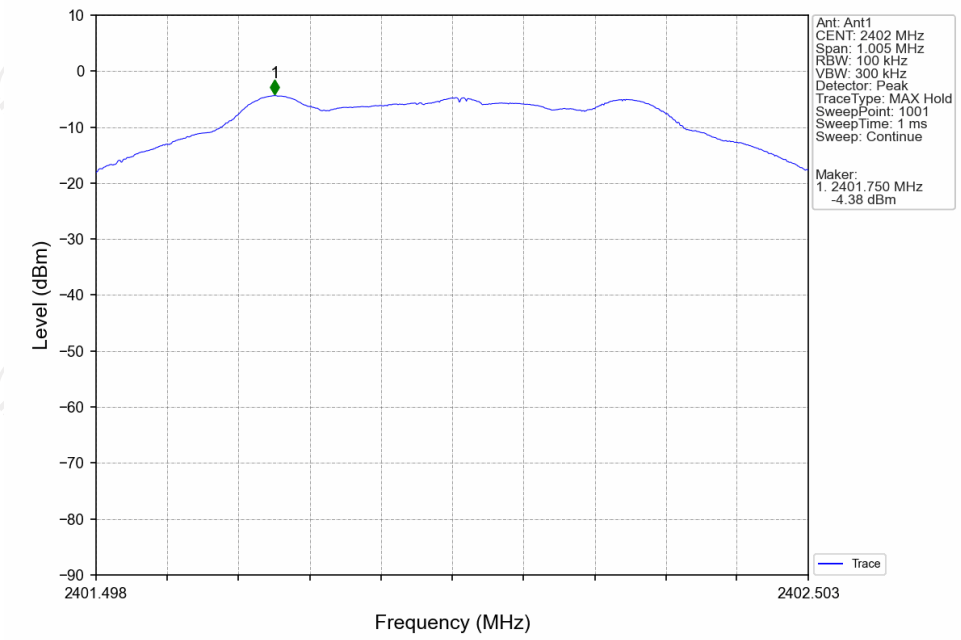
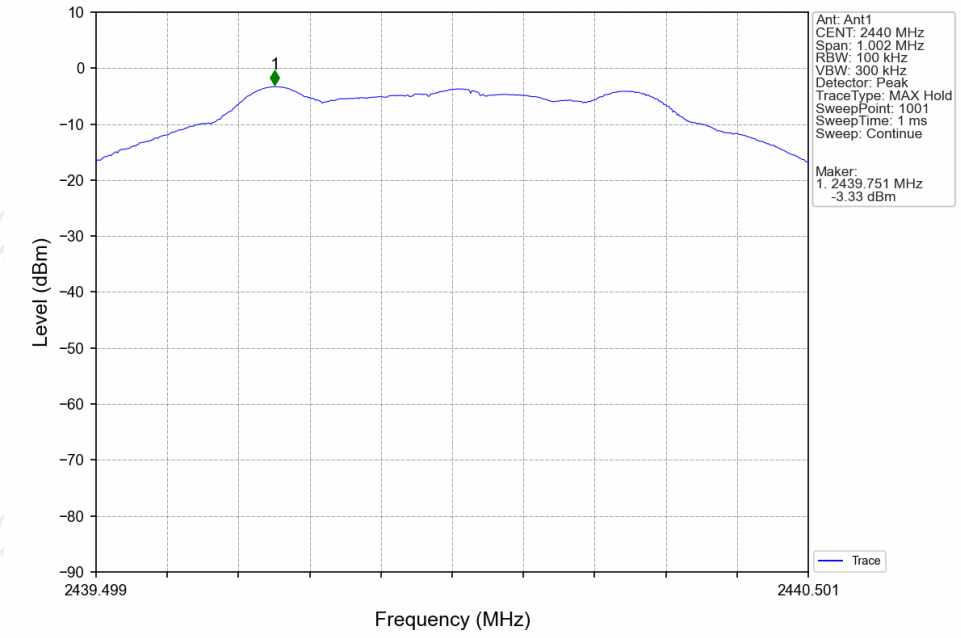
## 5.2 Test Graph

### 5.2.1 Ref

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV





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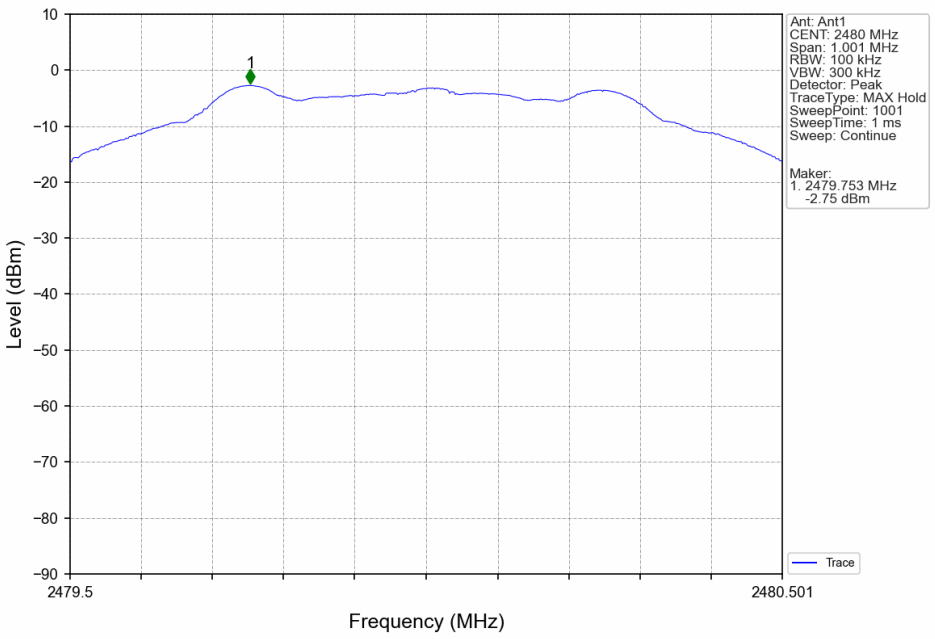
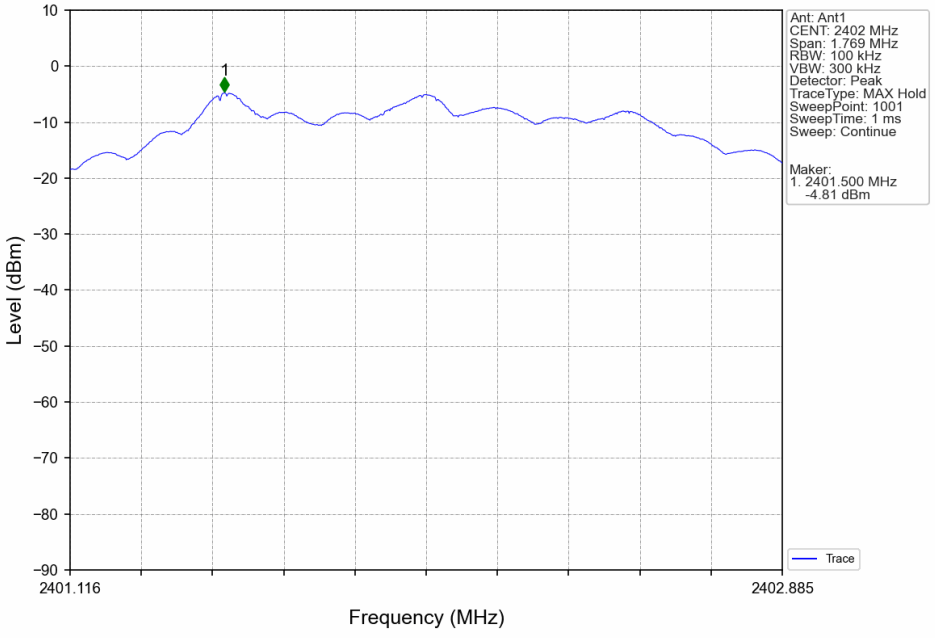
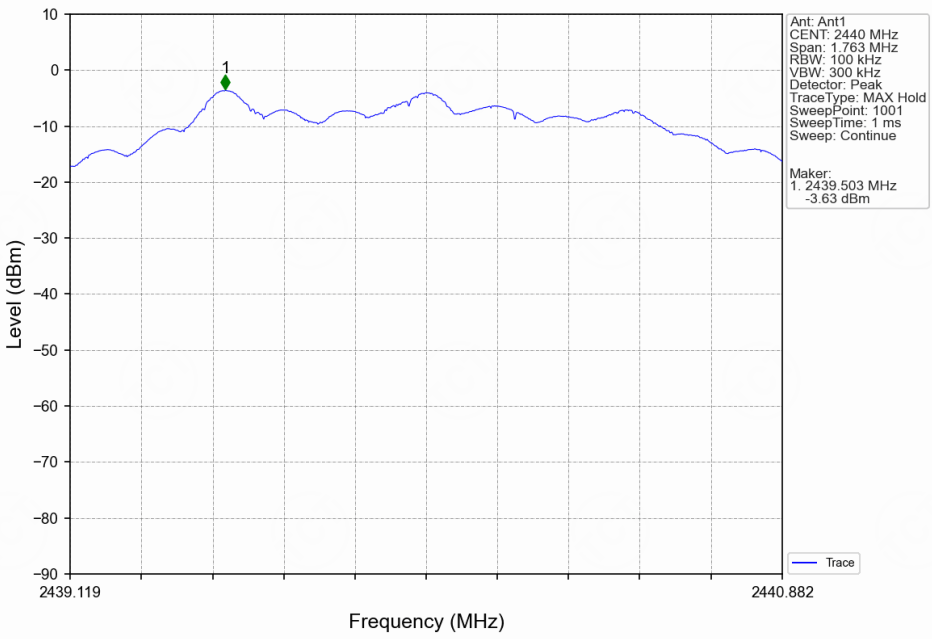
1M_HCH_2480MHz_Ant1_NTNV



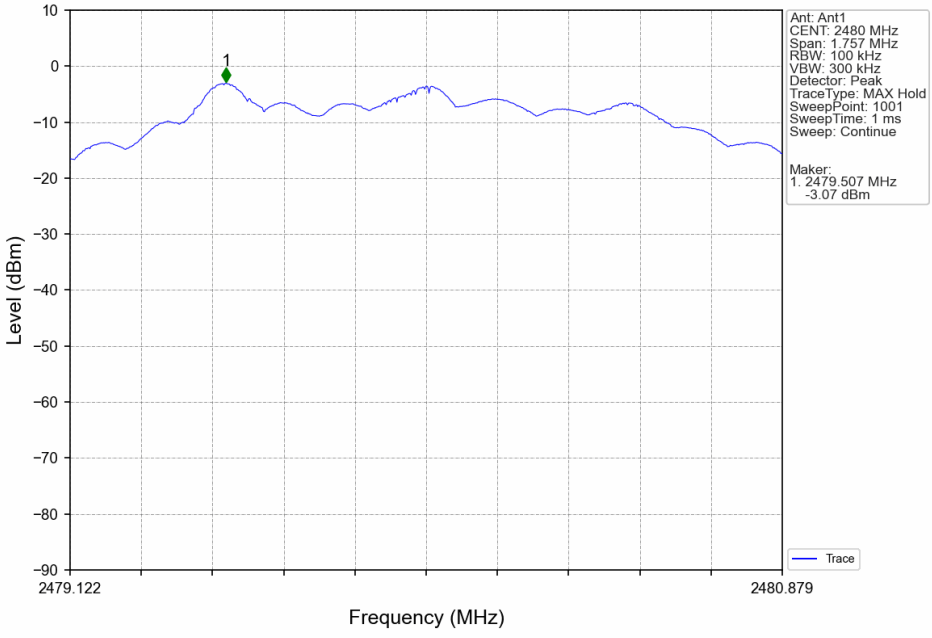

2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV




2M_HCH_2480MHz_Ant1_NTNV





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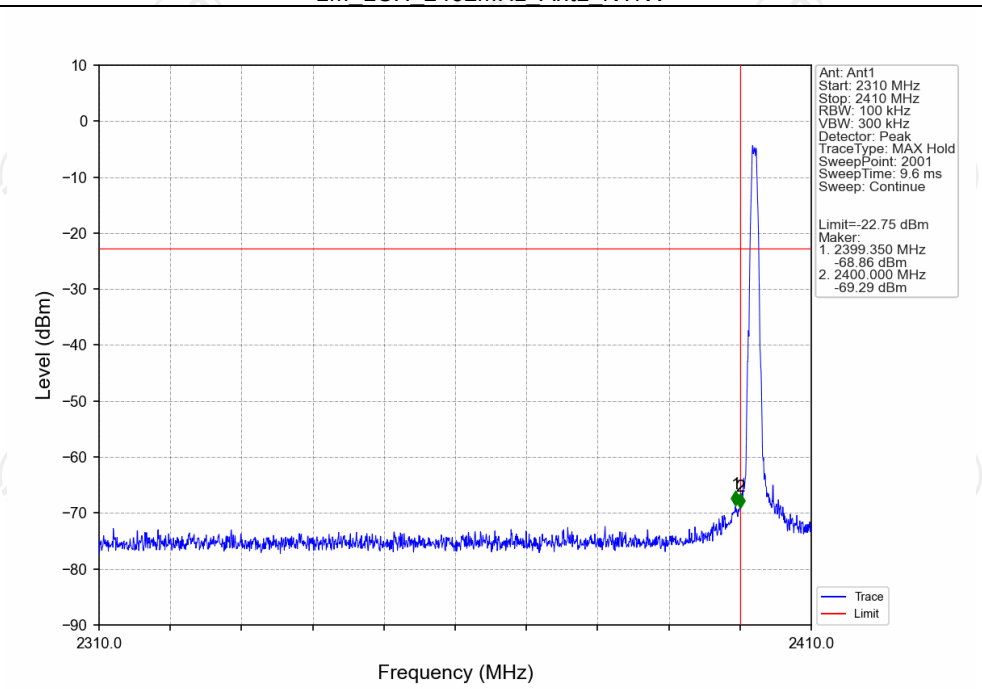
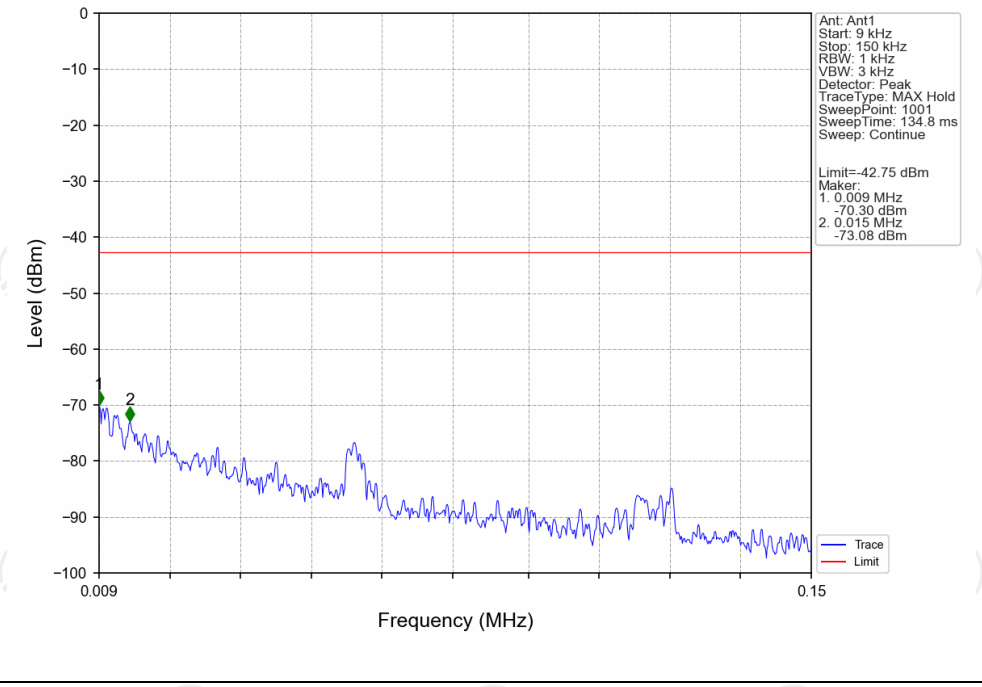
## 5.2.2 CSE

1M_LCH_2402MHz_Ant1_NTNV




1M_LCH_2402MHz_Ant1_NTNV





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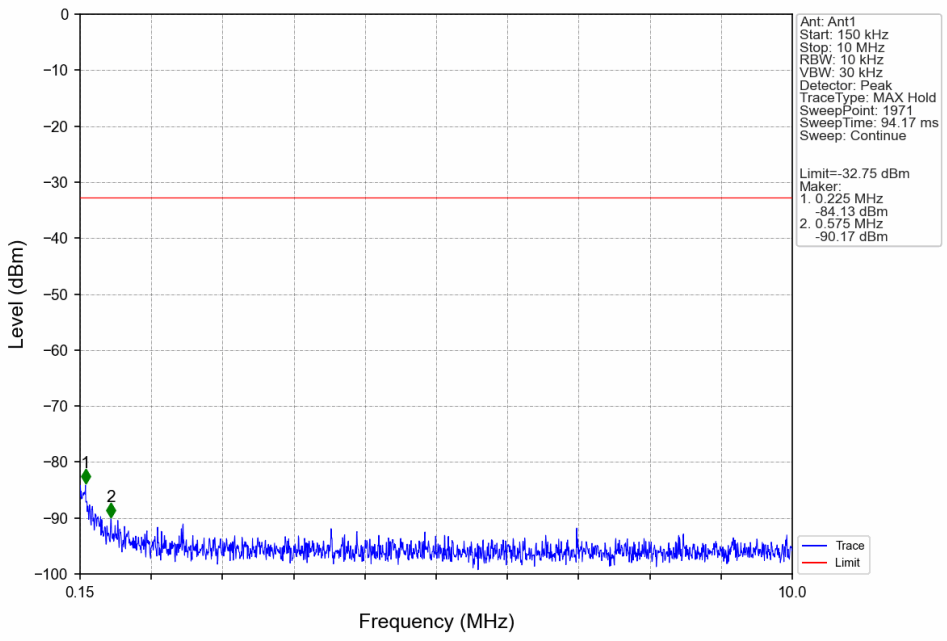
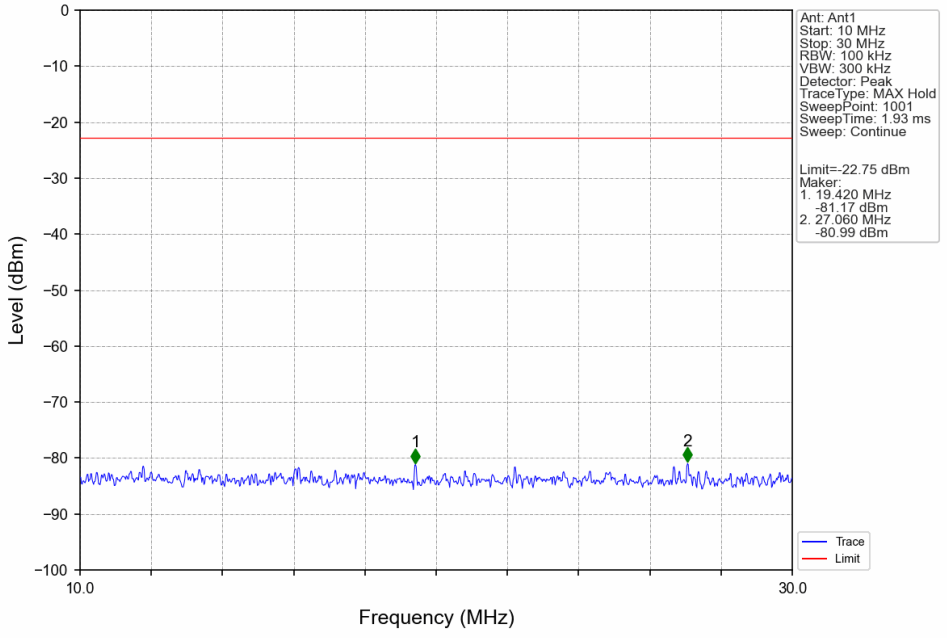
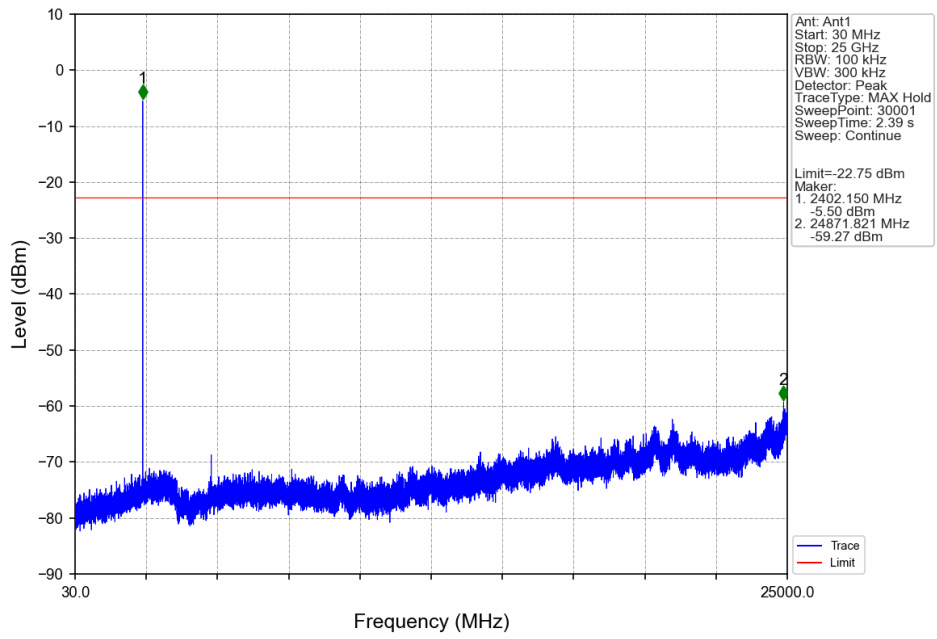
1M_LCH_2402MHz_Ant1_NTNV



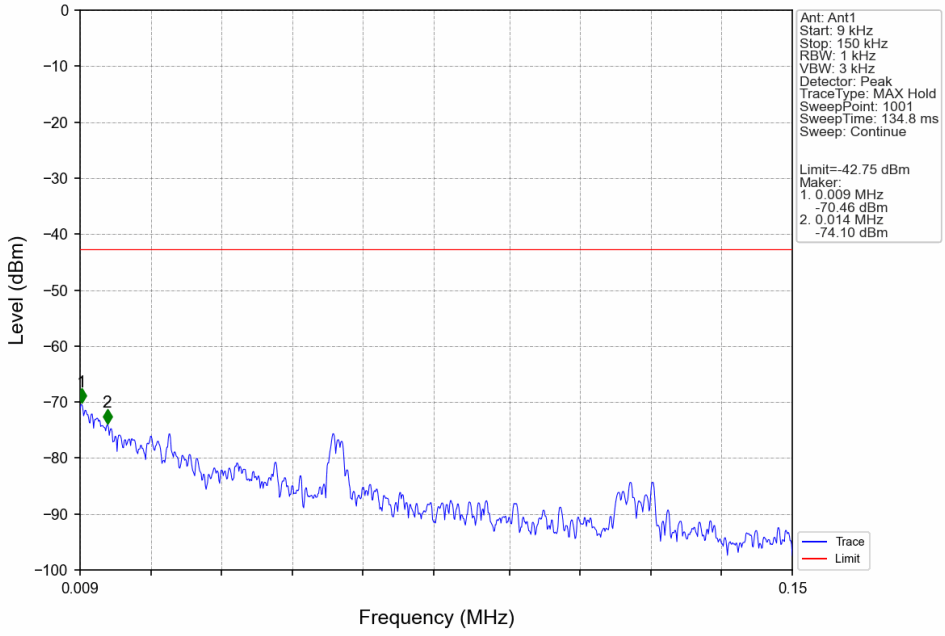

1M_LCH_2402MHz_Ant1_NTNV



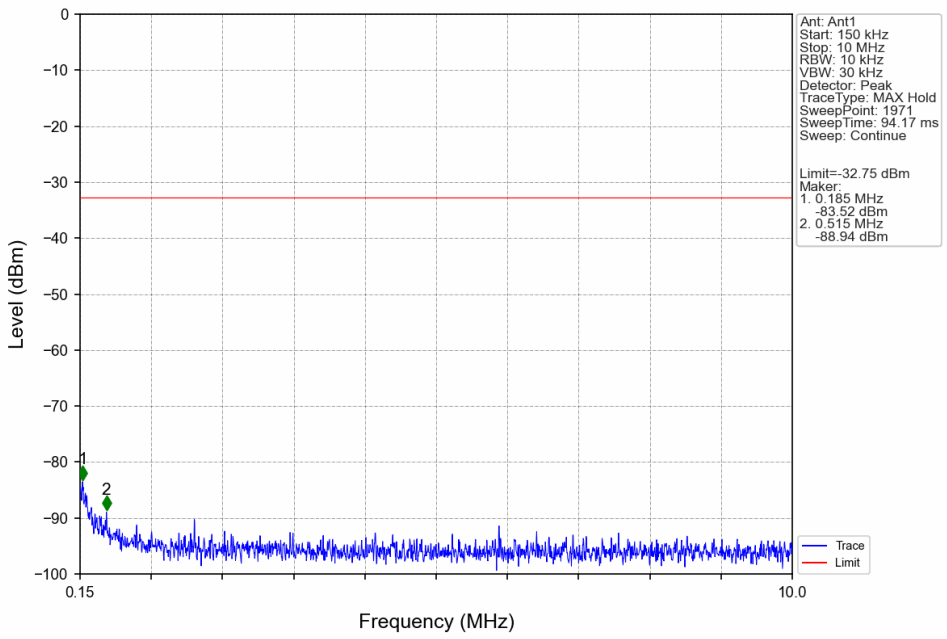
1M_LCH_2402MHz_Ant1_NTNV



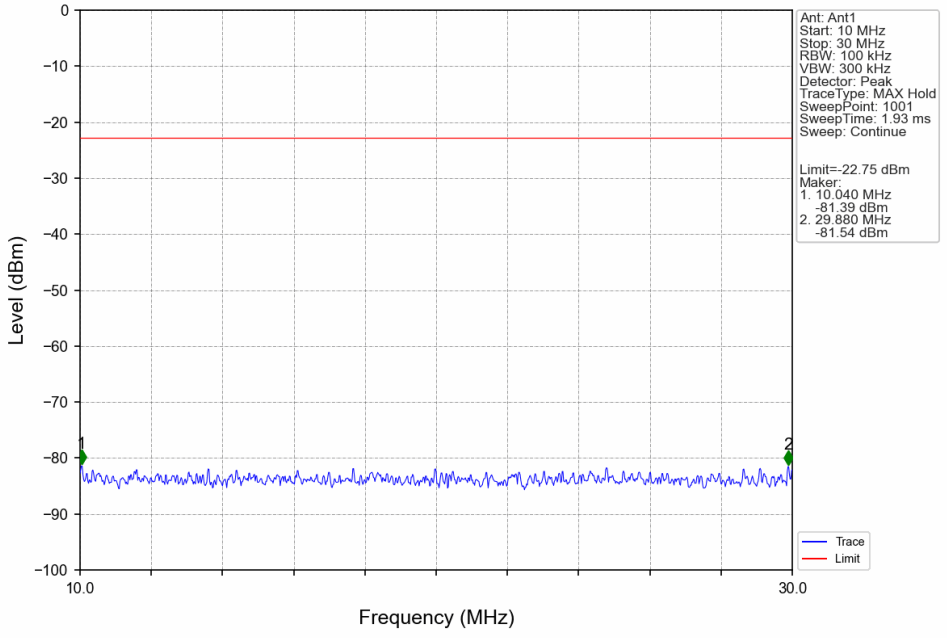

1M_MCH_2440MHz_Ant1_NTNV



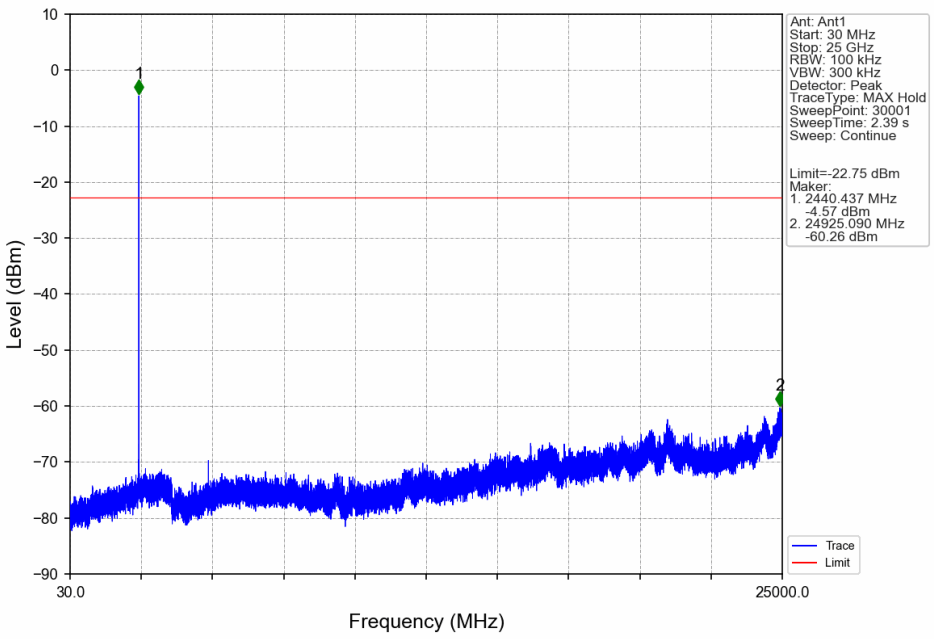
1M_MCH_2440MHz_Ant1_NTNV



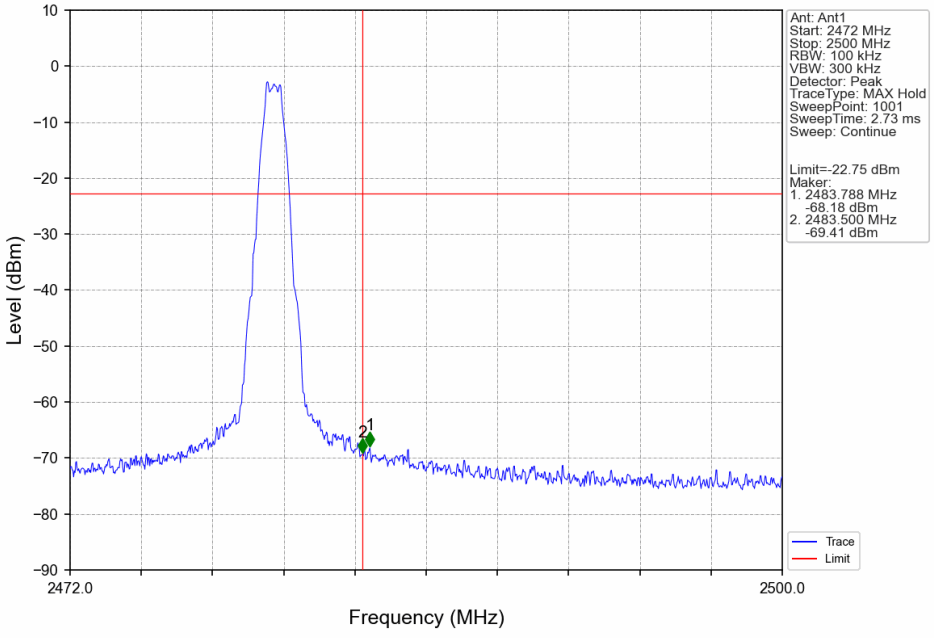

1M_MCH_2440MHz_Ant1_NTNV



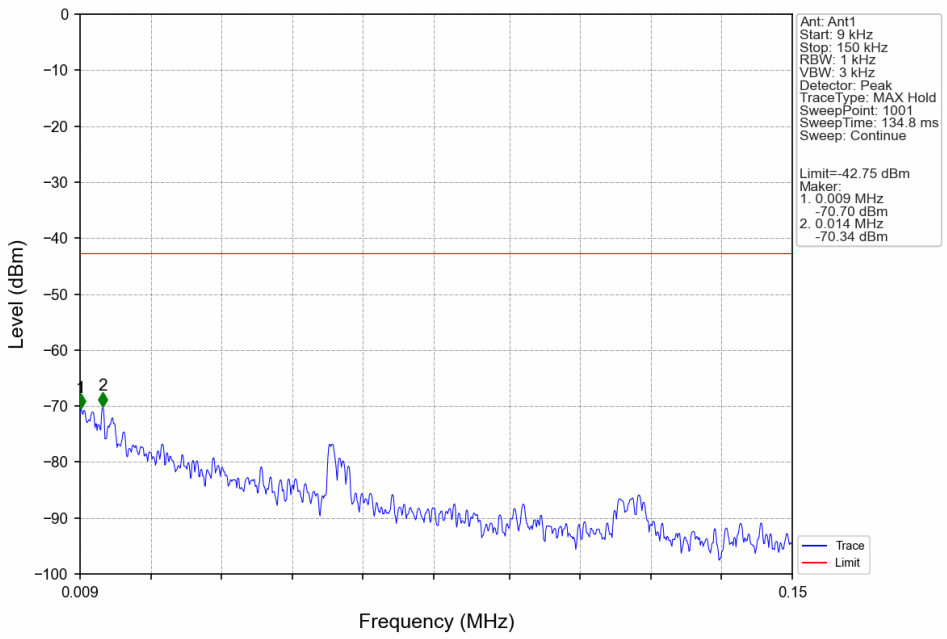
1M_MCH_2440MHz_Ant1_NTNV



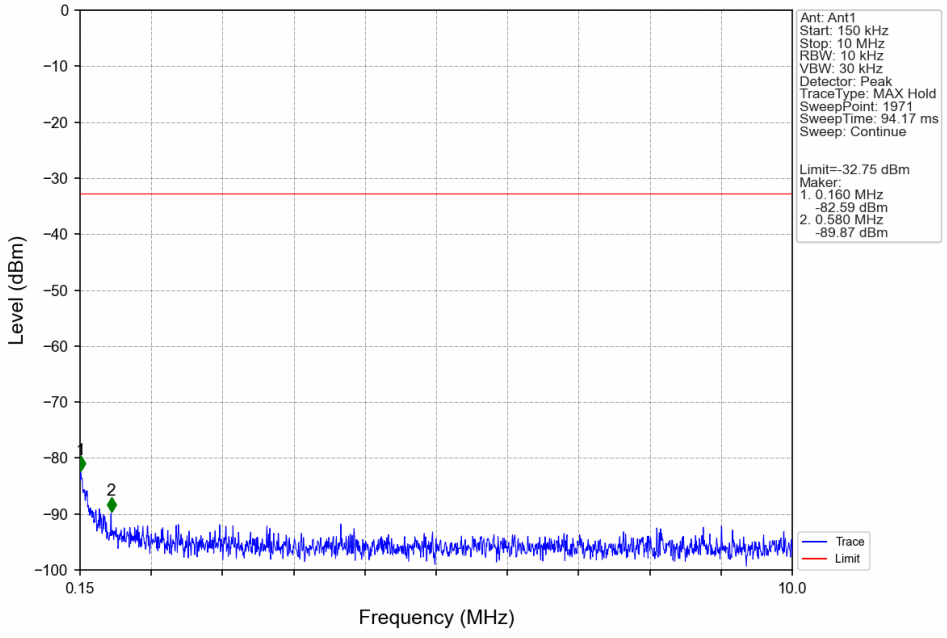

1M_HCH_2480MHz_Ant1_NTNV



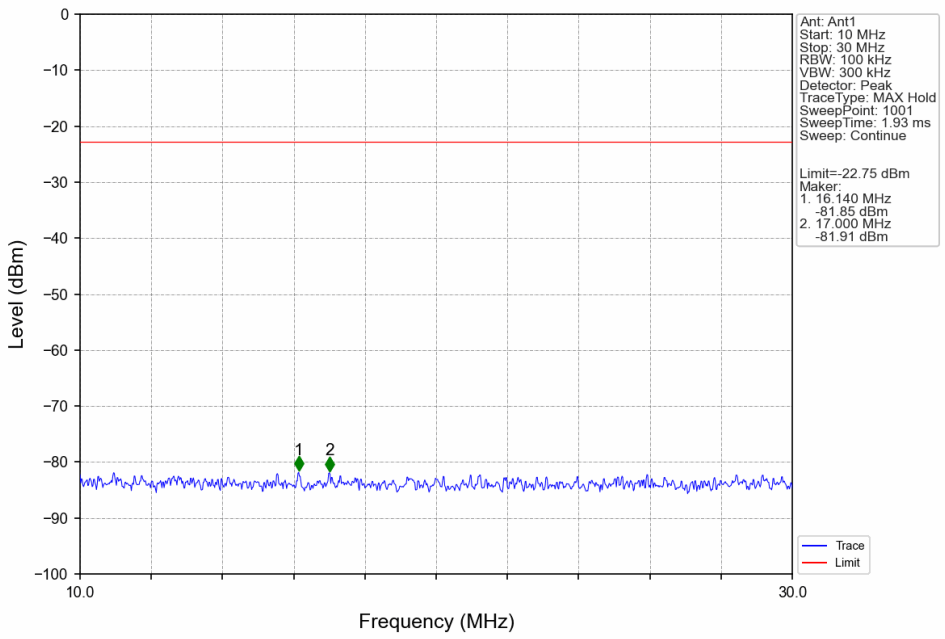
1M_HCH_2480MHz_Ant1_NTNV



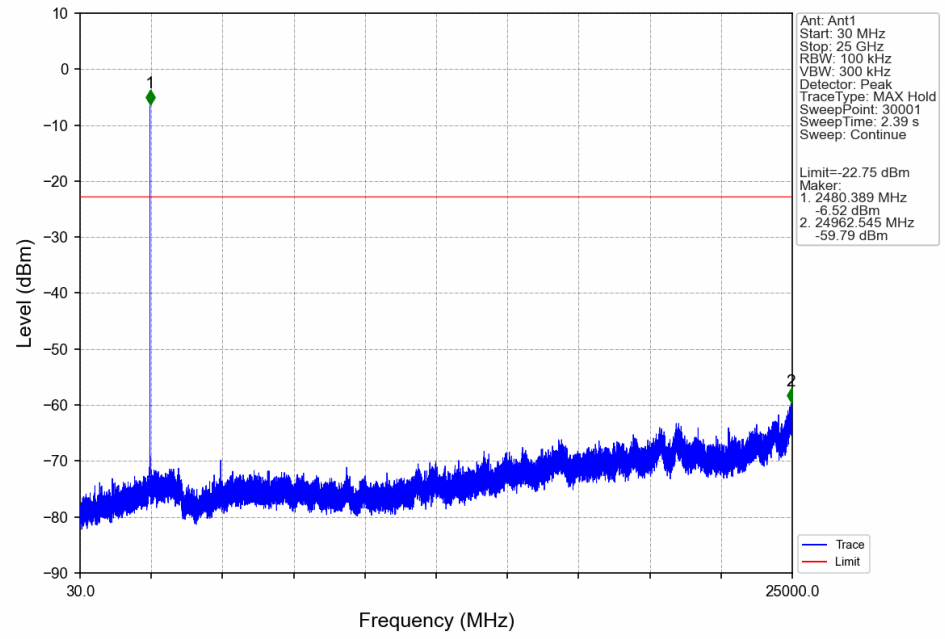

1M_HCH_2480MHz_Ant1_NTNV



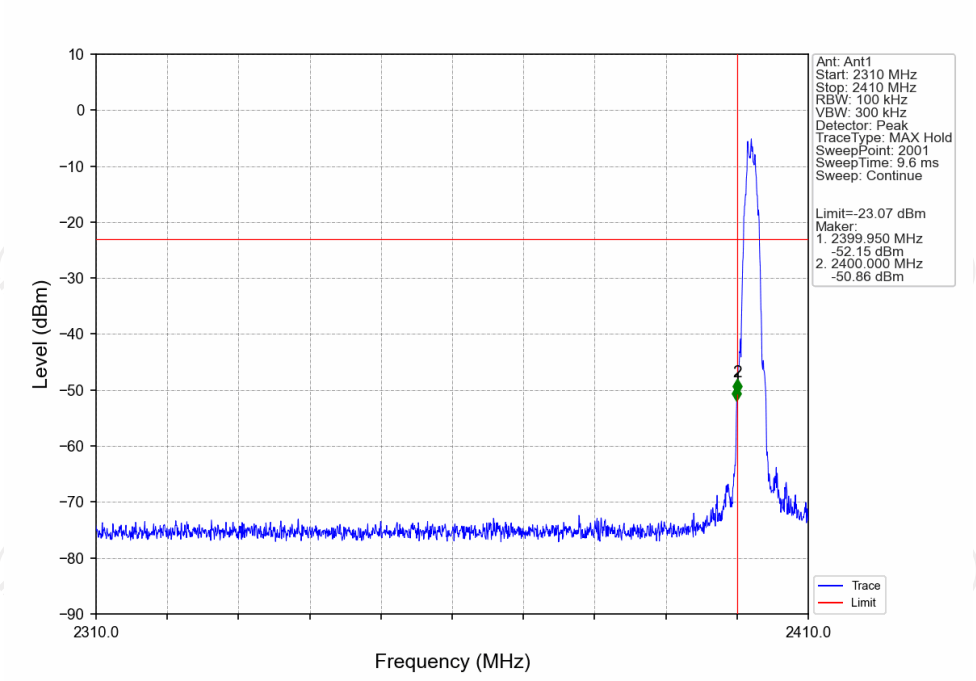
1M_HCH_2480MHz_Ant1_NTNV



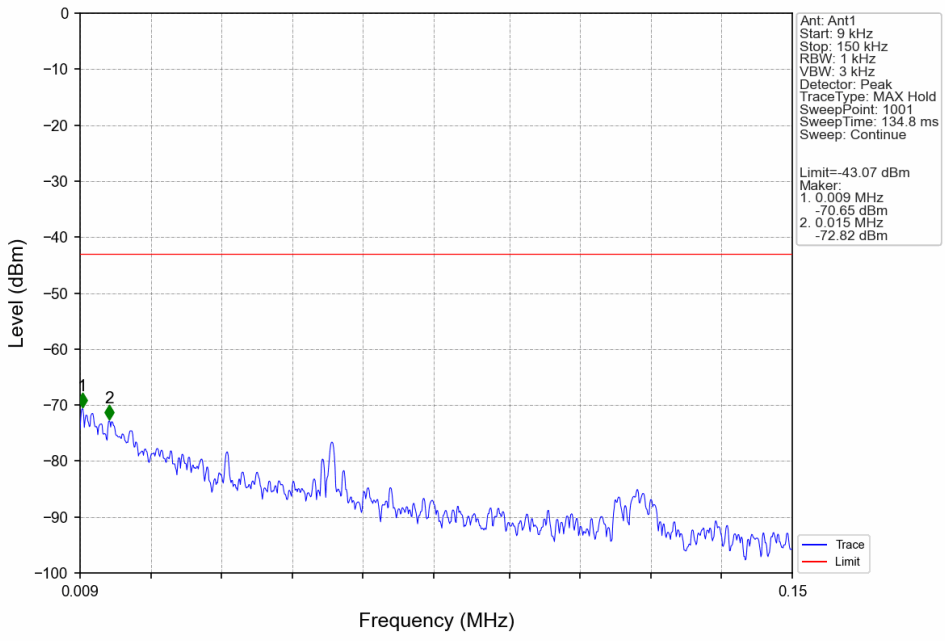

1M_HCH_2480MHz_Ant1_NTNV



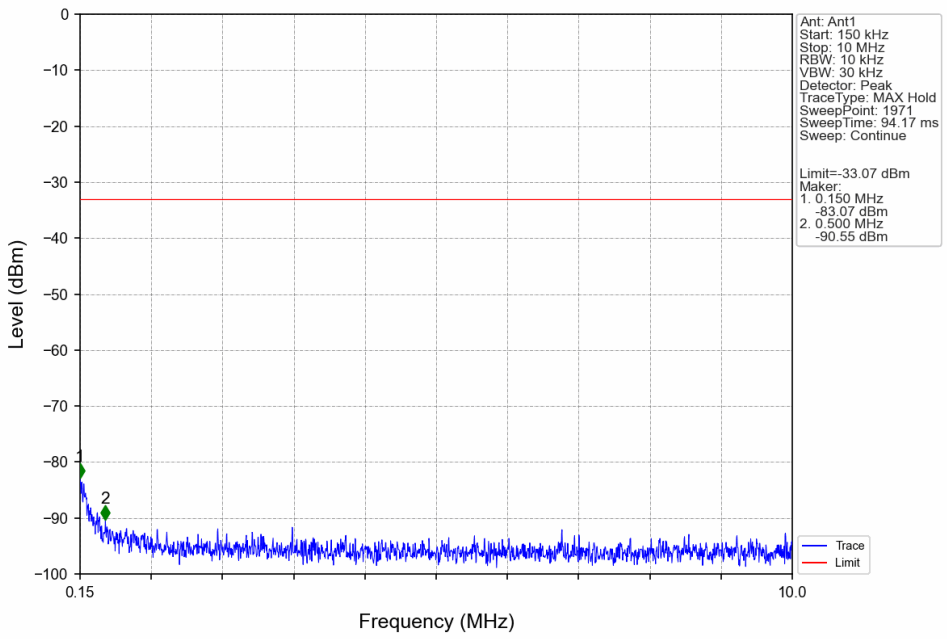
2M_LCH_2402MHz_Ant1_NTNV



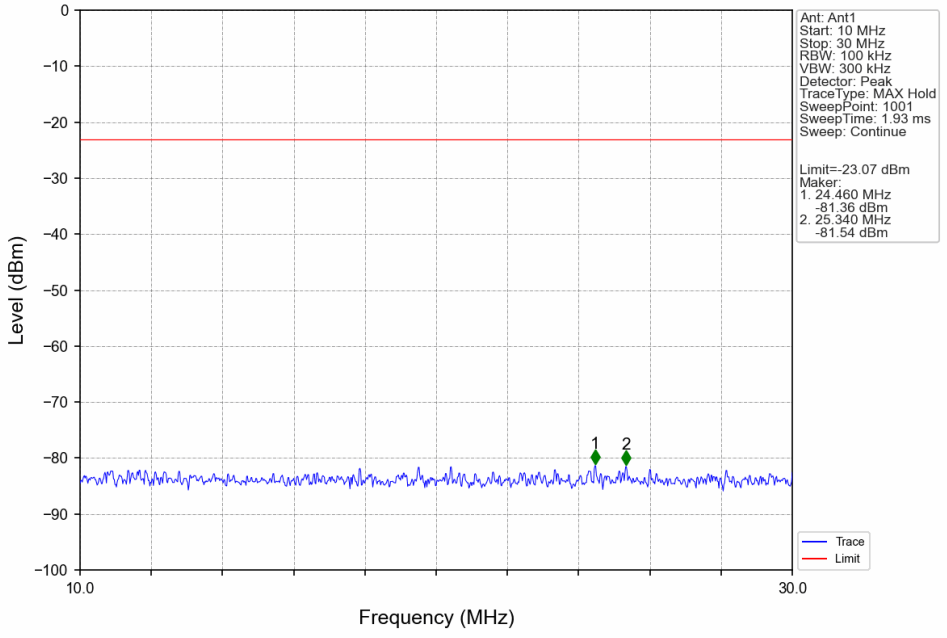

2M_LCH_2402MHz_Ant1_NTNV



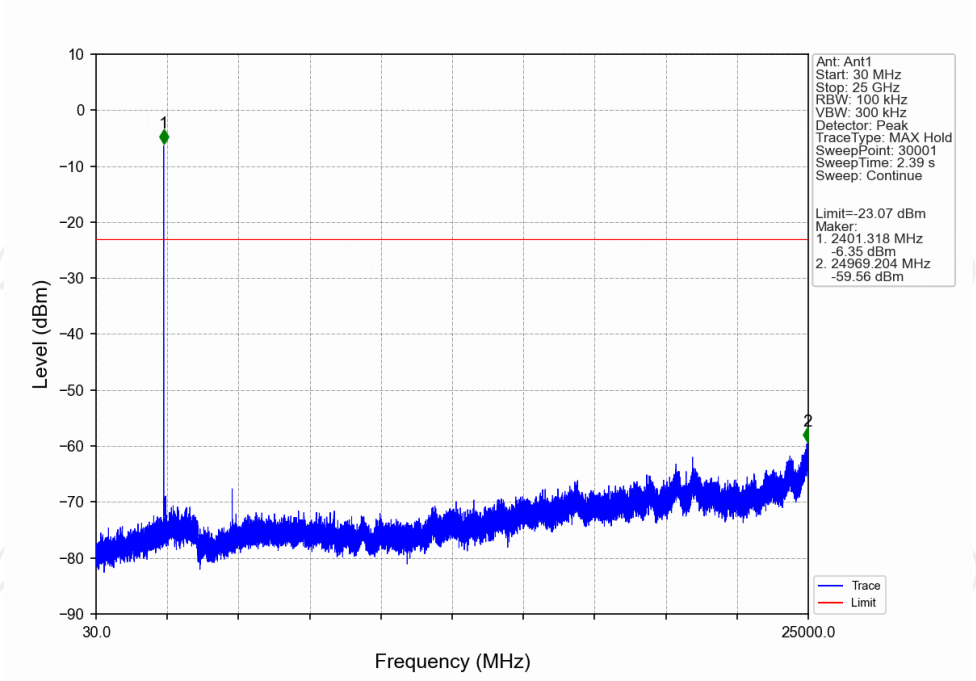
2M_LCH_2402MHz_Ant1_NTNV



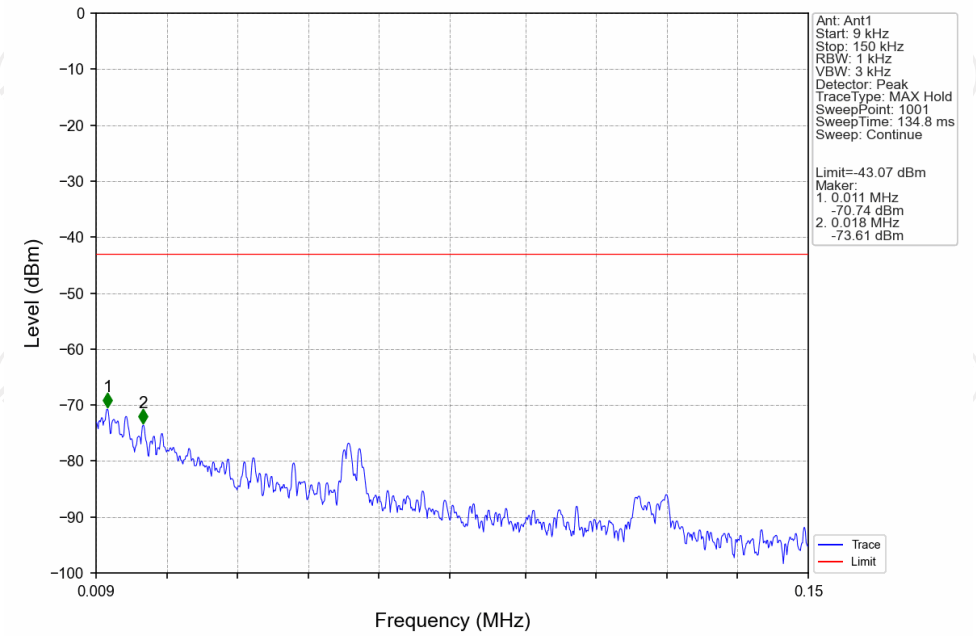

2M_LCH_2402MHz_Ant1_NTNV



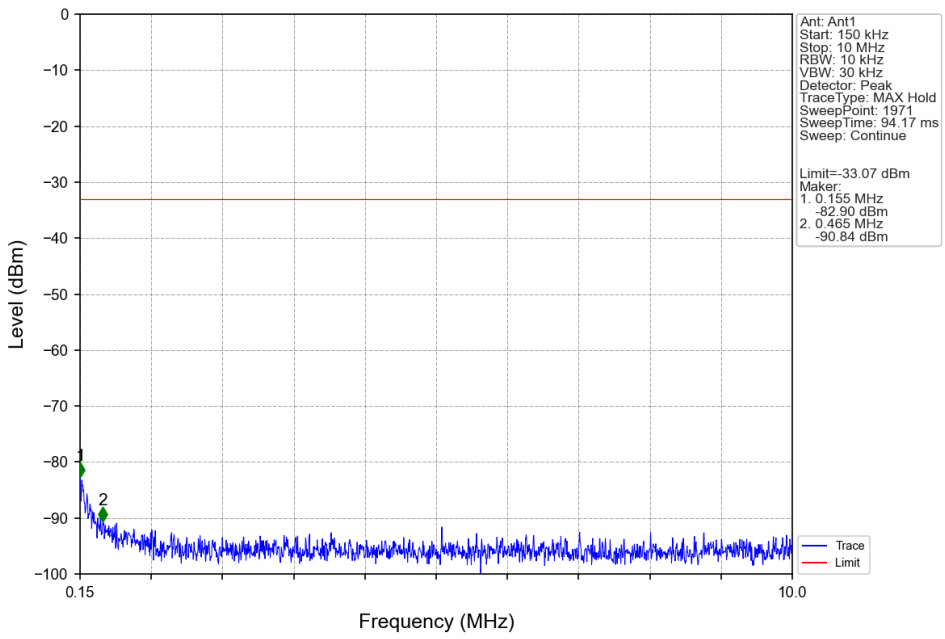
2M_LCH_2402MHz_Ant1_NTNV



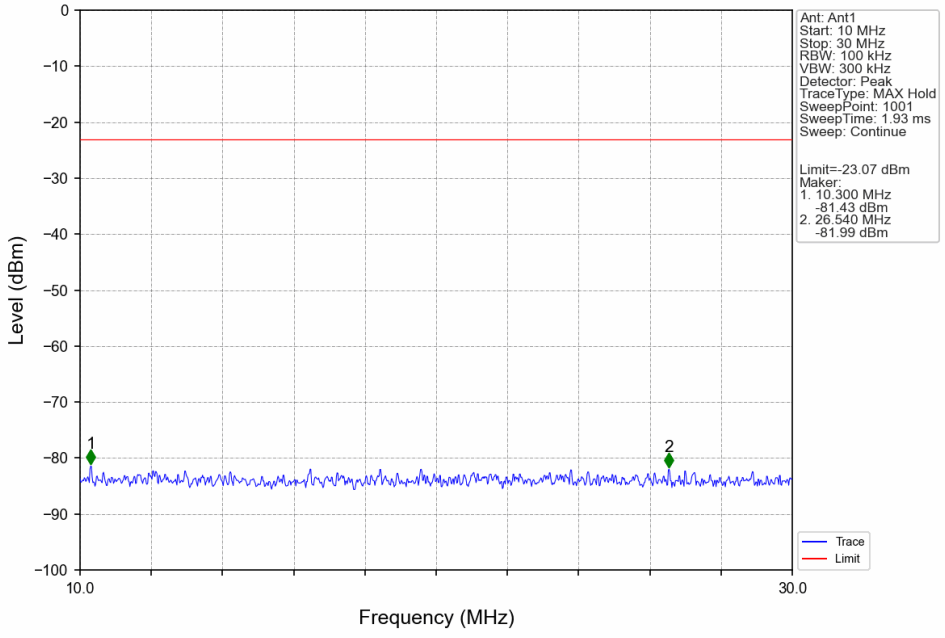

2M_MCH_2440MHz_Ant1_NTNV



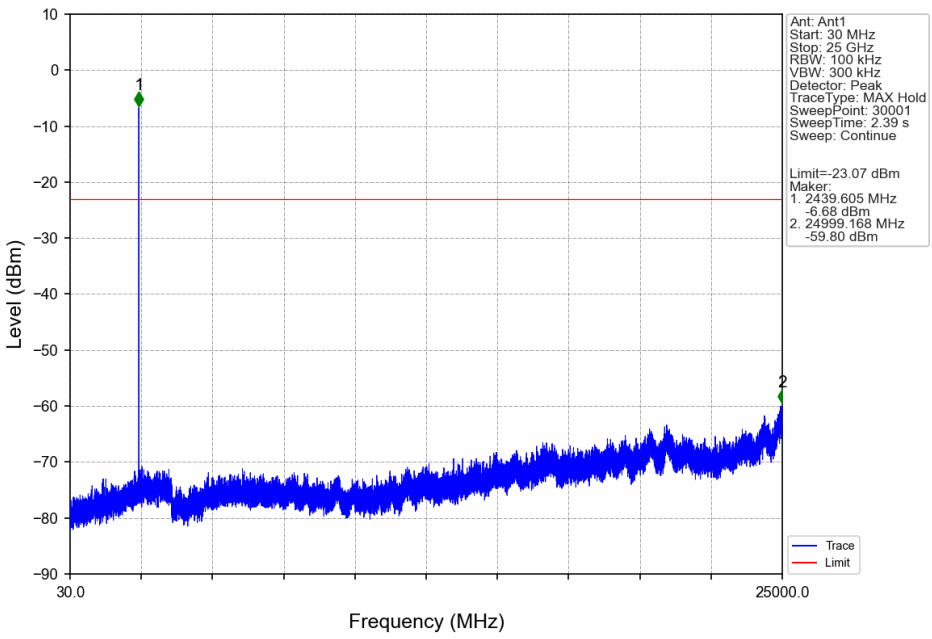
2M_MCH_2440MHz_Ant1_NTNV




2M_MCH_2440MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV

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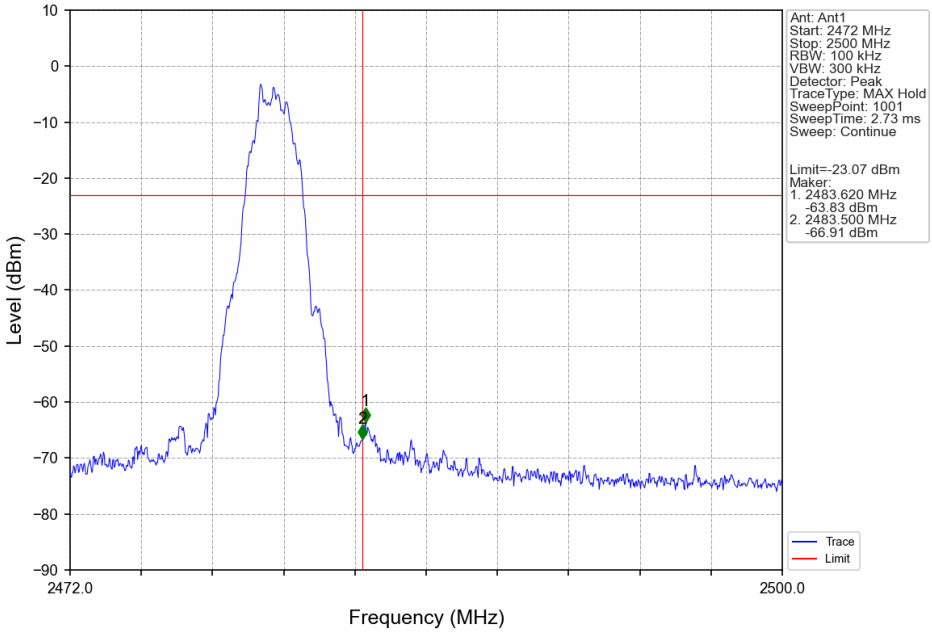



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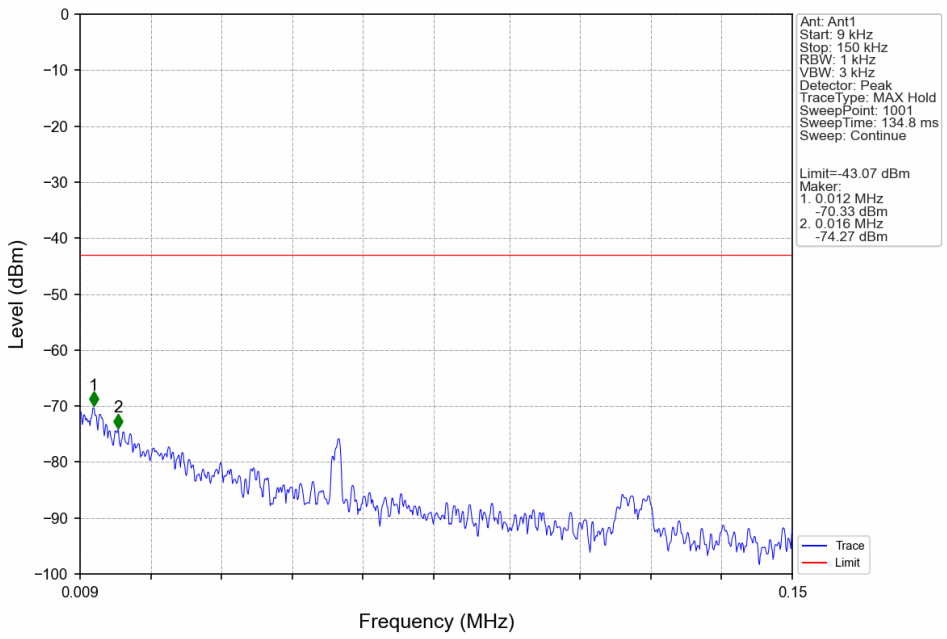
2M_HCH_2480MHz_Ant1_NTNV

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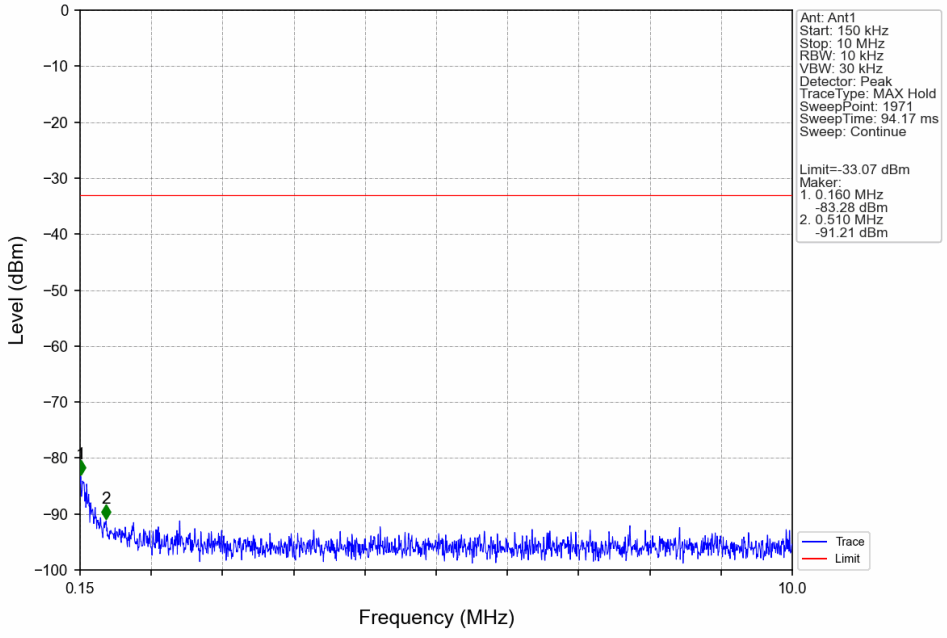

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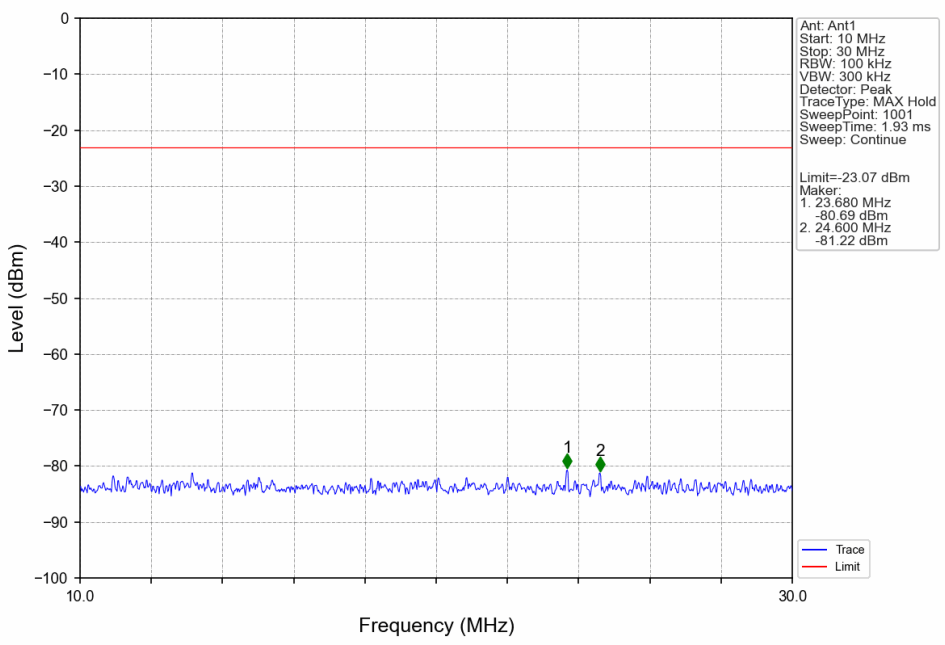


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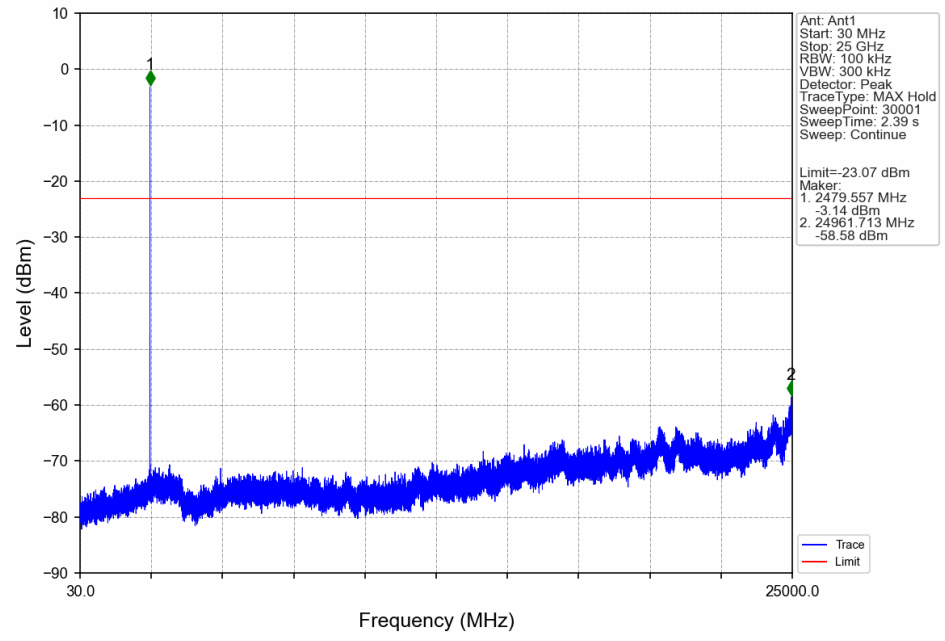

## Appendix B: Photographs of Test Setup

Please refer to document Appendix No.: TCT250305E025-A

## Appendix C: Photographs of EUT

Please refer to document Appendix No.: TCT250305E025-B & TCT250305E025-C

*****END OF REPORT*****