

**FCC/ISED - TEST REPORT**

Report Number : **68.950.24.1732.01** Date of Issue: **2025-01-24**

Model/HVIN : **T800, T800-2, T800-41**

Product Type : **Dash Cam**

Applicant : **70mai Co., Ltd.**

Address : **Room 2220, building 2, No. 588, Zixing road, MinHang District,**  
**201100 Shanghai, CHINA**

Manufacturer : **70mai Co., Ltd.**

Address : **Room 2220, building 2, No. 588, Zixing road, MinHang District,**  
**201100 Shanghai, CHINA**

Test Result : **n Positive** o Negative

Total pages including Appendices : **174**

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## 1 Table of Contents

|     |                                                   |     |
|-----|---------------------------------------------------|-----|
| 1   | Table of Contents .....                           | 2   |
| 2   | Details about the Test Laboratory .....           | 3   |
| 3   | Description of the Equipment Under Test.....      | 4   |
| 4   | Summary of Test Standards .....                   | 5   |
| 5   | Summary of Test Results.....                      | 6   |
| 6   | General Remarks .....                             | 7   |
| 7   | Test Setups .....                                 | 8   |
| 8   | Systems Test Configuration .....                  | 9   |
| 9   | Technical Requirement .....                       | 11  |
| 9.1 | Conducted Output Power & EIRP.....                | 11  |
| 9.2 | 6dB Bandwidth and 99% Occupied Bandwidth .....    | 13  |
| 9.3 | Power Spectral Density .....                      | 56  |
| 9.4 | Spurious RF Conducted Emissions .....             | 70  |
| 9.5 | Band Edge Testing.....                            | 98  |
| 9.6 | Spurious Radiated Emissions for Transmitter ..... | 109 |
| 10  | Test Equipment List .....                         | 172 |
| 11  | System Measurement Uncertainty.....               | 174 |

## 2 Details about the Test Laboratory

### Details about the Test Laboratory

#### Test Site 1

Company name: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
Building 12 & 13, Zhiheng Wisdomland Business Park, Guankou Erlu,  
Nantou, Nanshan District,  
Shenzhen, Guangdong, China

Telephone: 86 755 8828 6998

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FCC Registration No.: 514049

FCC Designation Number: CN5009

ISED CAB identifier: CN0077

IC Registration No.: 10320A

### 3 Description of the Equipment Under Test

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product:                                   | Dash Cam                                                                                                                                                                                                                                                                                                                                                                                               |
| Model no.:                                 | T800, T800-2, T800-41                                                                                                                                                                                                                                                                                                                                                                                  |
| Hardware Version Identification No. (HVIN) | T800, T800-2, T800-41                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Marketing Name (PMN)               | Dash Cam                                                                                                                                                                                                                                                                                                                                                                                               |
| Brand name:                                | 70mai                                                                                                                                                                                                                                                                                                                                                                                                  |
| FCC ID:                                    | 2AOK9-T800                                                                                                                                                                                                                                                                                                                                                                                             |
| IC:                                        | 28033-T800                                                                                                                                                                                                                                                                                                                                                                                             |
| Options and accessories:                   | Car charger, Power Cable                                                                                                                                                                                                                                                                                                                                                                               |
| Rating:                                    | 5VDC, 2.4A powered by car charger                                                                                                                                                                                                                                                                                                                                                                      |
| RF Transmission Frequency:                 | 2412MHz-2462MHz for 802.11b/g/n20/ax20 (Wi-Fi)<br>2422MHz-2452MHz for 802.11n40/ax40 (Wi-Fi)                                                                                                                                                                                                                                                                                                           |
| No. of Operated Channel:                   | 11 for 802.11b/g/n20/ax20 (Wi-Fi)<br>7 for 802.11n40/ax40 (Wi-Fi)                                                                                                                                                                                                                                                                                                                                      |
| Modulation:                                | 802.11b: BPSK, QPSK, CCK,<br>802.11g/802.11n20/802.11n40: BPSK, QPSK, 16-QAM, 64-QAM<br>802.11ax20/802.11ax40: BPSK, QPSK, 16-QAM, 64-QAM/256-QAM/1024-QAM                                                                                                                                                                                                                                             |
| Antenna:                                   | Type: onboard PCB antenna<br>Function of each antenna as below:<br>antenna 1: 2.4GHz Wi-Fi transmit&receive, BLE transmit&receive<br>antenna 2: U-NII-1(5150-5250MHz) ) transmit &receive<br>U-NII-3(5745-5825MHz) transmit &receive<br>2.4GHz Wi-Fi receive only, BLE receive only<br>Gain: antenna 1: 2.23 dBi for 2400-2483.5MHz<br>antenna 2: 2.61 dBi for 5150-5250MHz; 2.49 dBi for 5745-5825MHz |
| Description of the EUT:                    | The Equipment Under Test (EUT) is a Dash Cam which support Low Energy Bluetooth(1M&2M) and Wi-Fi operated at 2.4GHz and U-NII-1(5150-5250MHz FCC only) and U-NII-3(5745-5825MHz FCC&ISED).<br>This report is only for 2.4GHz Wi-Fi.                                                                                                                                                                    |

NOTE 1: The above EUT's information is declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

## 4 Summary of Test Standards

| Test Standards                                                                           |                                                                                                                                    |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| FCC Part 15 Subpart C<br>10-1-2023 Edition                                               | PART 15 - RADIO FREQUENCY DEVICES<br>Subpart C - Intentional Radiators                                                             |
| RSS-Gen Issue 5<br>April 2018 + Amendment 1<br>March 2019 + Amendment 2<br>February 2021 | General Requirements for Compliance of Radio Apparatus                                                                             |
| RSS-247<br>Issue 3 August 2023                                                           | Digital Transmission Systems (DTSS), Frequency Hopping<br>Systems (FHSS) and License-Exempt Local Area Network<br>(LE-LAN) Devices |

All the test methods were according to KDB 558074 D01 15.247 Meas Guidance v05r02 Measurement Guidance and ANSI C63.10-2020.

## 5 Summary of Test Results

| Technical Requirements                                      |                                             |            |                                     |                          |                                     |                       |
|-------------------------------------------------------------|---------------------------------------------|------------|-------------------------------------|--------------------------|-------------------------------------|-----------------------|
| FCC Part 15 Subpart C/ RSS-247 Issue 3/RSS-Gen Issue 5      |                                             |            |                                     |                          |                                     |                       |
| Test Condition                                              |                                             | Test Site  | Test Result                         |                          |                                     | Test Environment      |
|                                                             |                                             |            | Pass                                | Fail                     | N/A                                 |                       |
| §15.207 & RSS-GEN 8.8                                       | Conducted emission AC power port            | N/A        | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | N/A                   |
| §15.247 (b) (3) & RSS-247 5.4(d)                            | Conducted peak output power                 | Site 1     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | T: 22.3°C<br>H: 48.3% |
| RSS-247 5.4(d)                                              | Equivalent Isotropic Radiated Power         | Site 1     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | T: 22.3°C<br>H: 48.3% |
| §15.247(a)(2) & RSS-247 5.2(a) & RSS-GEN 6.7                | 6dB bandwidth and 99% Occupied Bandwidth    | Site 1     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | T: 22.3°C<br>H: 48.3% |
| §15.247(e) & RSS-247 5.2(b)                                 | Power spectral density                      | Site 1     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | T: 22.3°C<br>H: 48.3% |
| §15.247(d) & RSS-247 5.5                                    | Spurious RF conducted emissions             | Site 1     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | T: 22.3°C<br>H: 48.3% |
| §15.247(d) & RSS-247 5.5                                    | Band edge                                   | Site 1     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | T: 23.5°C<br>H: 47.7% |
| §15.247(d) & §15.209 & §15.205 & RSS-247 5.5 & RSS-Gen 6.13 | Spurious radiated emissions for transmitter | Site 1     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | T: 23.5°C<br>H: 47.7% |
| §15.203 & RSS-Gen 6.8                                       | Antenna requirement                         | See note 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | --                    |

Note 1: N/A=Not Applicable.

Note 2: The EUT uses an onboard PCB antenna, which gain is 2.23dBi. In accordance to §15.203 & RSS-Gen 6.8, it is considered sufficiently to comply with the provisions of this section.

Note 3: T :Temperature, H: Humidity

## 6 General Remarks

### Remarks

This submittal(s) (test report) is intended for FCC ID: 2AOK9-T800, IC: 28033-T800, complies with Section 15.205, 15.209, 15.247 of the FCC Part 15 Subpart C rules and RSS-247, RSS-GEN.

Models differences description as below:

Model T800 is a dash cam without Rear Camera Midriver.

Model T800-2 will be equipped with an additional accessory Rear Camera Midriver RC24 based on T800 in package, the Rear Camera Midriver RC24 is a standalone rear camera which is connected to dash cam via type-C port, the Rear Camera Midriver RC24 doesn't support wireless function.

Model T800-41 is equipped with an additional accessory Rear Camera Midriver RC24 based on T800 in package, the Rear Camera Midriver RC41 is a standalone rear camera which is connected to dash cam via type-C port, the Rear Camera Midriver RC41 doesn't support wireless function.

So model T800 is selected as the representative for all tests, other models are deemed to fulfill the requirements of standards.

### SUMMARY:

All tests according to the regulations cited on page 6 were

n - Performed

o - **Not** Performed

The Equipment Under Test

n - **Fulfills** the general approval requirements.

o - **Does not** fulfill the general approval requirements.

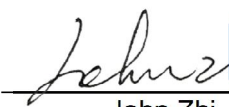
Sample Received Date: 2024-12-06

Testing Start Date: 2024-12-06

Testing End Date: 2025-01-20

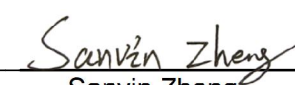
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Reviewed by:

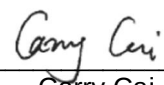
  
John Zhi  
Section Manager



Prepared by:

  
Sanvin Zheng  
Project Engineer

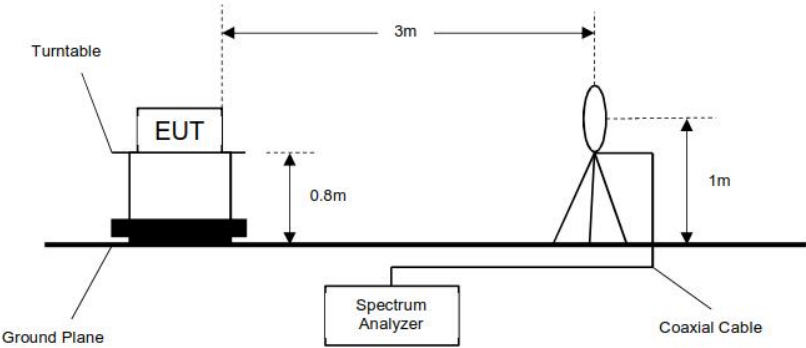
Tested by:

  
Carry Cai  
Test Engineer

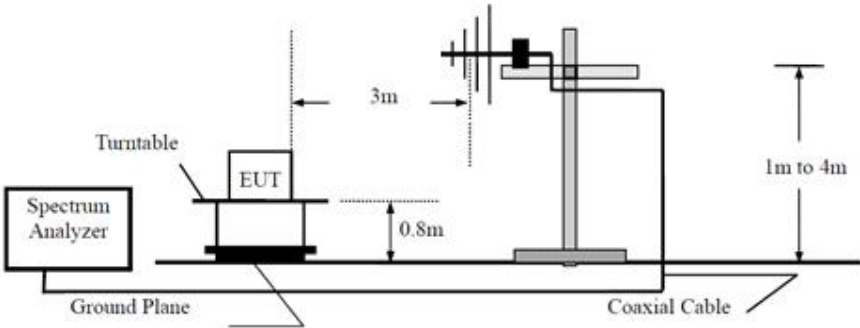
7 Test Setups

7.1 Radiated test setups

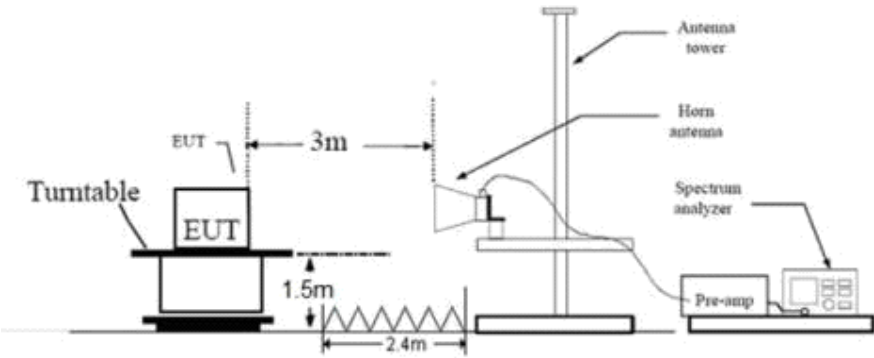
9KHz - 30MHz



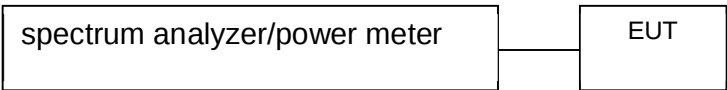
30MHz - 1GHz



Above 1GHz



7.2 Conducted RF test setups



## 8 Systems Test Configuration

Auxiliary Equipment Used during Test:

| Description | Manufacturer | Model NO. | S/N |
|-------------|--------------|-----------|-----|
| Notebook    | LENOVO       | X220      | --- |

Cables Used During Test:

| Cable     | Length | Shielded/unshielded | With / without ferrite |
|-----------|--------|---------------------|------------------------|
| USB cable | 350cm  | Shielded            | Without Ferrite        |

Test software information:

| Test Software Version | SecureCRT.exe |          |                  |                        |
|-----------------------|---------------|----------|------------------|------------------------|
| Mode                  | Channel(MHz)  | RU Tone  | Setting TX Power | Data Rate              |
| 11b                   | 2412          | /        | 5A               | 11b LONG 1 Mbps        |
|                       | 2437          | /        | 5A               |                        |
|                       | 2462          | /        | 5A               |                        |
| 11g                   | 2412          | /        | 61               | 11g 6 Mbps             |
|                       | 2437          | /        | 61               |                        |
|                       | 2462          | /        | 61               |                        |
| 11n HT20              | 2412          | /        | 60               | MCS0 6.5 Mbps          |
|                       | 2437          | /        | 60               |                        |
|                       | 2462          | /        | 60               |                        |
| 11n HT40              | 2422          | /        | 5F               | MCS0 13.5 Mbps (40MHz) |
|                       | 2437          | /        | 5F               |                        |
|                       | 2452          | /        | 5F               |                        |
| 11ax HE20             | 2412          | 26 Tone  | 30               | MCS0 8 Mbps            |
|                       |               | 52 Tone  | 30               |                        |
|                       |               | 106 Tone | 30               |                        |
|                       |               | 242 Tone | 30               |                        |
|                       | 2437          | 26 Tone  | 30               |                        |
|                       |               | 52 Tone  | 30               |                        |
|                       |               | 106 Tone | 30               |                        |
|                       |               | 242 Tone | 30               |                        |
|                       | 2462          | 26 Tone  | 30               |                        |
|                       |               | 52 Tone  | 30               |                        |
|                       |               | 106 Tone | 30               |                        |
|                       |               | 242 Tone | 30               |                        |
| 11ax HE40             | 2422          | 26 Tone  | 30               | MCS0 16 Mbps           |
|                       |               | 52 Tone  | 30               |                        |
|                       |               | 106 Tone | 30               |                        |
|                       |               | 242 Tone | 30               |                        |
|                       |               | 484 Tone | 30               |                        |
|                       | 2437          | 26 Tone  | 30               |                        |

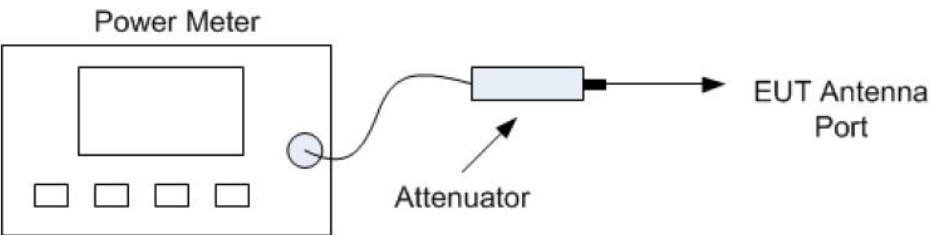
|  |      |          |    |  |
|--|------|----------|----|--|
|  |      | 52 Tone  | 30 |  |
|  |      | 106 Tone | 30 |  |
|  |      | 242 Tone | 30 |  |
|  |      | 484 Tone | 30 |  |
|  | 2452 | 26 Tone  | 30 |  |
|  |      | 52 Tone  | 30 |  |
|  |      | 106 Tone | 30 |  |
|  |      | 242 Tone | 30 |  |
|  |      | 484 Tone | 30 |  |
|  |      |          |    |  |

9 Technical Requirement

9.1 Conducted Output Power & EIRP

Test Method

- 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- 4) Measure the peak power of the transmitter. This measurement is a peak over both the ON and OFF periods of the transmitter.



Power meter conducted test setup

Limits

According to §15.247 (b) (3) & RSS-247 5.4(d), conducted peak output power limit as below:

| Frequency Range<br>MHz | Limit<br>W | Limit<br>dBm |
|------------------------|------------|--------------|
| 2400-2483.5            | ≤1         | ≤30          |

According to & RSS-247 5.4(d), EIRP limit as below:

| Frequency Range<br>MHz | Limit<br>W | Limit<br>dBm |
|------------------------|------------|--------------|
| 2400-2483.5            | ≤4         | ≤36          |

Test result as below table

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | ANT | Gain (dBi) | Conducted Power (dBm) | EIRP (dBm)   | Conducted Power Limit (dBm) | EIRP Limit (dBm) | Verdict |
|------------------|---------|-----------------|-------|--------|-----|------------|-----------------------|--------------|-----------------------------|------------------|---------|
| 802.11b          | SISO    | 2412            | /     | /      | 1   | 2.23       | 16.82                 | <b>19.05</b> | <=30                        | <=36             | Pass    |
|                  |         | 2437            | /     | /      | 1   | 2.23       | 16.09                 | 18.32        | <=30                        | <=36             | Pass    |
|                  |         | 2462            | /     | /      | 1   | 2.23       | 15.78                 | 18.01        | <=30                        | <=36             | Pass    |
| 802.11g          | SISO    | 2412            | /     | /      | 1   | 2.23       | 16.76                 | 18.99        | <=30                        | <=36             | Pass    |
|                  |         | 2437            | /     | /      | 1   | 2.23       | 16.12                 | 18.35        | <=30                        | <=36             | Pass    |
|                  |         | 2462            | /     | /      | 1   | 2.23       | 16.07                 | 18.30        | <=30                        | <=36             | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /     | /      | 1   | 2.23       | 16.44                 | 18.67        | <=30                        | <=36             | Pass    |
|                  |         | 2437            | /     | /      | 1   | 2.23       | 15.79                 | 18.02        | <=30                        | <=36             | Pass    |
|                  |         | 2462            | /     | /      | 1   | 2.23       | 15.74                 | 17.97        | <=30                        | <=36             | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /     | /      | 1   | 2.23       | 15.15                 | 17.38        | <=30                        | <=36             | Pass    |
|                  |         | 2437            | /     | /      | 1   | 2.23       | 14.58                 | 16.81        | <=30                        | <=36             | Pass    |
|                  |         | 2452            | /     | /      | 1   | 2.23       | 14.28                 | 16.51        | <=30                        | <=36             | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | RU26  | 0      | 1   | 2.23       | 7.88                  | 10.11        | <=30                        | <=36             | Pass    |
|                  |         |                 | RU52  | 37     | 1   | 2.23       | 7.92                  | 10.15        | <=30                        | <=36             | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 2.23       | 7.97                  | 10.20        | <=30                        | <=36             | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 2.23       | 7.79                  | 10.02        | <=30                        | <=36             | Pass    |
|                  |         | 2437            | RU26  | 4      | 1   | 2.23       | 7.66                  | 9.89         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU52  | 38     | 1   | 2.23       | 7.79                  | 10.02        | <=30                        | <=36             | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 2.23       | 7.46                  | 9.69         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 2.23       | 7.27                  | 9.50         | <=30                        | <=36             | Pass    |
|                  |         | 2462            | RU26  | 8      | 1   | 2.23       | 6.78                  | 9.01         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU52  | 40     | 1   | 2.23       | 6.80                  | 9.03         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU106 | 54     | 1   | 2.23       | 6.83                  | 9.06         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 2.23       | 6.85                  | 9.08         | <=30                        | <=36             | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | RU26  | 0      | 1   | 2.23       | 6.31                  | 8.54         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU52  | 37     | 1   | 2.23       | 6.26                  | 8.49         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 2.23       | 6.51                  | 8.74         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 2.23       | 6.90                  | 9.13         | <=30                        | <=36             | Pass    |
|                  |         | 2437            | RU484 | 65     | 1   | 2.23       | 6.60                  | 8.83         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU26  | 8      | 1   | 2.23       | 7.51                  | 9.74         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU52  | 40     | 1   | 2.23       | 7.51                  | 9.74         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU106 | 54     | 1   | 2.23       | 7.22                  | 9.45         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 2.23       | 6.59                  | 8.82         | <=30                        | <=36             | Pass    |
|                  |         | 2452            | RU484 | 65     | 1   | 2.23       | 6.21                  | 8.44         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU26  | 17     | 1   | 2.23       | 4.91                  | 7.14         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU52  | 44     | 1   | 2.23       | 4.85                  | 7.08         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU106 | 56     | 1   | 2.23       | 5.11                  | 7.34         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU242 | 62     | 1   | 2.23       | 5.72                  | 7.95         | <=30                        | <=36             | Pass    |
|                  |         |                 | RU484 | 65     | 1   | 2.23       | 5.89                  | 8.12         | <=30                        | <=36             | Pass    |

Note1: E.I.R.P = Measured Power + Antenna Gain



**9.2 6dB Bandwidth and 99% Occupied Bandwidth**

**Test Method for 6 dB Bandwidth**

- 1. The RF output of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting, the instrument center frequency is set to the nominal EUT channel center frequency enable the EUT transmit continuously.
- 3. Use the following spectrum analyzer settings:  
RBW=1% to 5% of the occupied bandwidth but not less than 100kHz, VBW≥3RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 4. Use the automatic bandwidth measurement capability of an instrument, use the X dB bandwidth mode with X set to 6 dB.
- 5. Allow the trace to stabilize, record the 6 dB Bandwidth value.

**Test Method for 99 % Bandwidth**

- 1. Connect EUT test port to spectrum analyzer.  
Use the following spectrum analyzer settings:  
RBW=1% to 5% of OBW, or a minimum of 1 MHz if this is not possible due to a large OBW, VBW≥3RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 2. Use the occupied bandwidth measurement capability of test receiver.
- 3. Allow the trace to stabilize, record the occupied bandwidth value.

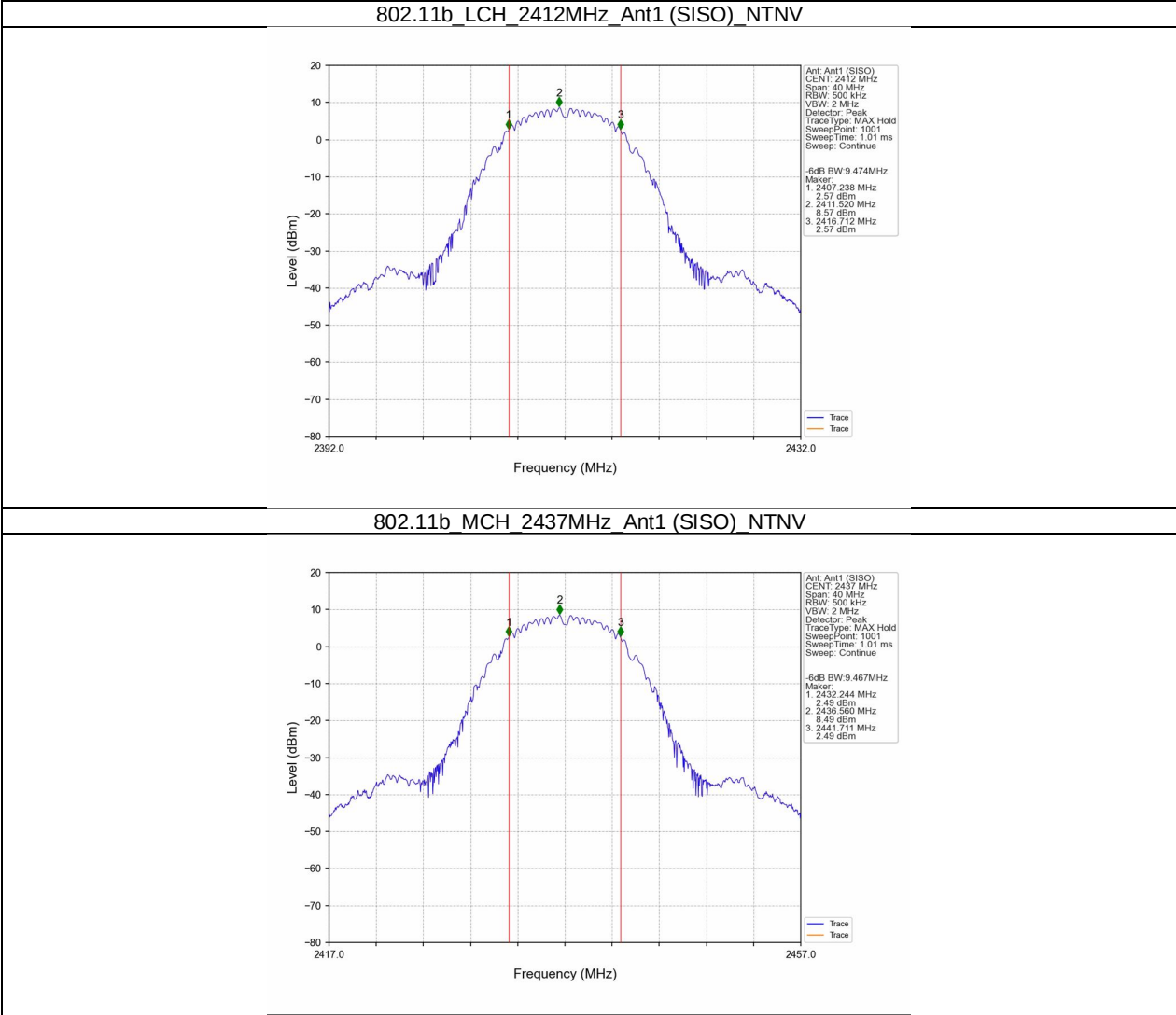
**Limit**

| 6dB bandwidth Limit [kHz] | 99% bandwidth Limit [kHz] |
|---------------------------|---------------------------|
| ≥500                      | --                        |

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | ANT | 6dB Bandwidth (MHz) |       | Verdict |
|------------------|---------|-----------------|-------|--------|-----|---------------------|-------|---------|
|                  |         |                 |       |        |     | Result              | Limit |         |
| 802.11b          | SISO    | 2412            | /     | /      | 1   | 9.474               | >=0.5 | Pass    |
|                  |         | 2437            | /     | /      | 1   | 9.467               | >=0.5 | Pass    |
|                  |         | 2462            | /     | /      | 1   | 9.483               | >=0.5 | Pass    |
| 802.11g          | SISO    | 2412            | /     | /      | 1   | 13.862              | >=0.5 | Pass    |
|                  |         | 2437            | /     | /      | 1   | 13.954              | >=0.5 | Pass    |
|                  |         | 2462            | /     | /      | 1   | 12.893              | >=0.5 | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /     | /      | 1   | 14.777              | >=0.5 | Pass    |
|                  |         | 2437            | /     | /      | 1   | 13.687              | >=0.5 | Pass    |
|                  |         | 2462            | /     | /      | 1   | 14.189              | >=0.5 | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /     | /      | 1   | 24.609              | >=0.5 | Pass    |
|                  |         | 2437            | /     | /      | 1   | 24.299              | >=0.5 | Pass    |
|                  |         | 2452            | /     | /      | 1   | 23.826              | >=0.5 | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | RU26  | 0      | 1   | 2.037               | >=0.5 | Pass    |
|                  |         |                 | RU52  | 37     | 1   | 4.105               | >=0.5 | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 8.553               | >=0.5 | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 19.306              | >=0.5 | Pass    |
|                  |         | 2437            | RU26  | 4      | 1   | 2.669               | >=0.5 | Pass    |
|                  |         |                 | RU52  | 38     | 1   | 4.113               | >=0.5 | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 8.363               | >=0.5 | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 19.219              | >=0.5 | Pass    |
|                  |         | 2462            | RU26  | 8      | 1   | 2.068               | >=0.5 | Pass    |
|                  |         |                 | RU52  | 40     | 1   | 4.293               | >=0.5 | Pass    |
|                  |         |                 | RU106 | 54     | 1   | 8.306               | >=0.5 | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 19.181              | >=0.5 | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | RU26  | 0      | 1   | 2.180               | >=0.5 | Pass    |
|                  |         |                 | RU52  | 37     | 1   | 4.247               | >=0.5 | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 15.654              | >=0.5 | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 18.761              | >=0.5 | Pass    |
|                  |         |                 | RU484 | 65     | 1   | 37.514              | >=0.5 | Pass    |
|                  |         | 2437            | RU26  | 8      | 1   | 2.477               | >=0.5 | Pass    |
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|                  |         |                 | RU106 | 54     | 1   | 8.563               | >=0.5 | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 18.816              | >=0.5 | Pass    |
|                  |         |                 | RU484 | 65     | 1   | 37.834              | >=0.5 | Pass    |
|                  |         | 2452            | RU26  | 17     | 1   | 2.327               | >=0.5 | Pass    |
|                  |         |                 | RU52  | 44     | 1   | 4.238               | >=0.5 | Pass    |
|                  |         |                 | RU106 | 56     | 1   | 8.200               | >=0.5 | Pass    |
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|                  |         |                 | RU484 | 65     | 1   | 37.703              | >=0.5 | Pass    |

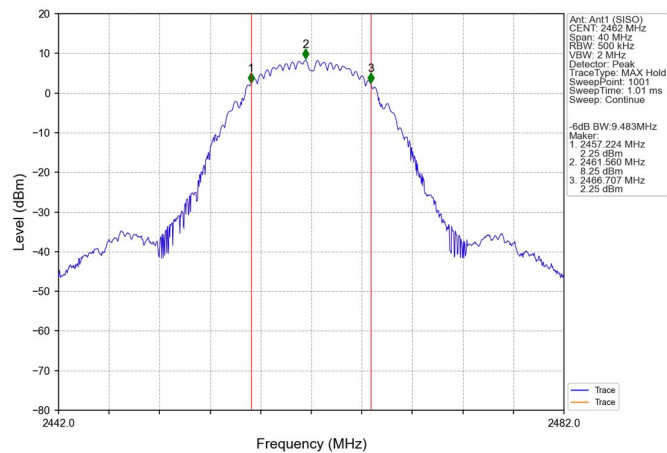
| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------------------|---------|-----------------|-------|--------|-----|------------------------------|-------|---------|
|                  |         |                 |       |        |     | Result                       | Limit |         |
| 802.11b          | SISO    | 2412            | /     | /      | 1   | 12.961                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 12.947                       | /     | Pass    |
|                  |         | 2462            | /     | /      | 1   | 12.960                       | /     | Pass    |
| 802.11g          | SISO    | 2412            | /     | /      | 1   | 16.941                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 16.833                       | /     | Pass    |
|                  |         | 2462            | /     | /      | 1   | 16.870                       | /     | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /     | /      | 1   | 17.736                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 17.723                       | /     | Pass    |
|                  |         | 2462            | /     | /      | 1   | 17.742                       | /     | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /     | /      | 1   | 33.756                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 33.696                       | /     | Pass    |
|                  |         | 2452            | /     | /      | 1   | 33.687                       | /     | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | RU26  | 0      | 1   | 19.165                       | /     | Pass    |
|                  |         |                 | RU52  | 37     | 1   | 18.932                       | /     | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 18.891                       | /     | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 19.541                       | /     | Pass    |
|                  |         | 2437            | RU26  | 4      | 1   | 17.917                       | /     | Pass    |
|                  |         |                 | RU52  | 38     | 1   | 17.909                       | /     | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 18.684                       | /     | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 19.571                       | /     | Pass    |
|                  |         | 2462            | RU26  | 8      | 1   | 19.532                       | /     | Pass    |
|                  |         |                 | RU52  | 40     | 1   | 19.361                       | /     | Pass    |
|                  |         |                 | RU106 | 54     | 1   | 19.118                       | /     | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 19.456                       | /     | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | RU26  | 0      | 1   | 27.395                       | /     | Pass    |
|                  |         |                 | RU52  | 37     | 1   | 27.591                       | /     | Pass    |
|                  |         |                 | RU106 | 53     | 1   | 27.279                       | /     | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 27.224                       | /     | Pass    |
|                  |         |                 | RU484 | 65     | 1   | 38.182                       | /     | Pass    |
|                  |         | 2437            | RU26  | 8      | 1   | 23.204                       | /     | Pass    |
|                  |         |                 | RU52  | 40     | 1   | 23.093                       | /     | Pass    |
|                  |         |                 | RU106 | 54     | 1   | 23.447                       | /     | Pass    |
|                  |         |                 | RU242 | 61     | 1   | 25.396                       | /     | Pass    |
|                  |         |                 | RU484 | 65     | 1   | 38.117                       | /     | Pass    |
|                  |         | 2452            | RU26  | 17     | 1   | 28.606                       | /     | Pass    |
|                  |         |                 | RU52  | 44     | 1   | 27.995                       | /     | Pass    |
|                  |         |                 | RU106 | 56     | 1   | 27.914                       | /     | Pass    |
|                  |         |                 | RU242 | 62     | 1   | 28.870                       | /     | Pass    |
|                  |         |                 | RU484 | 65     | 1   | 38.050                       | /     | Pass    |

6 dB Bandwidth

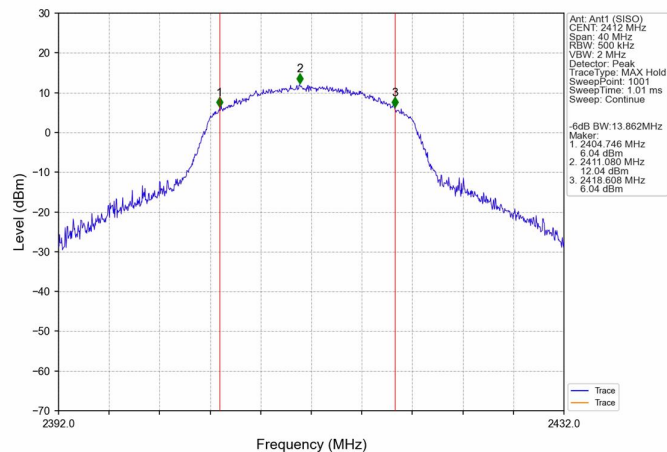




802.11b HCH 2462MHz Ant1 (SISO) NTNV

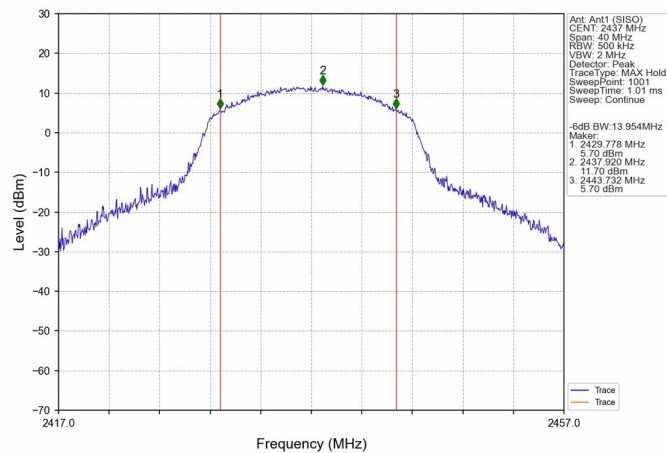


802.11g LCH 2412MHz Ant1 (SISO) NTNV

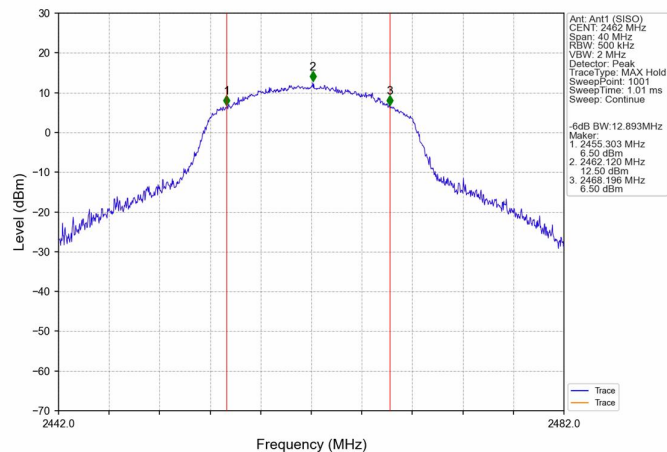




802.11g MCH 2437MHz Ant1 (SISO) NTNV

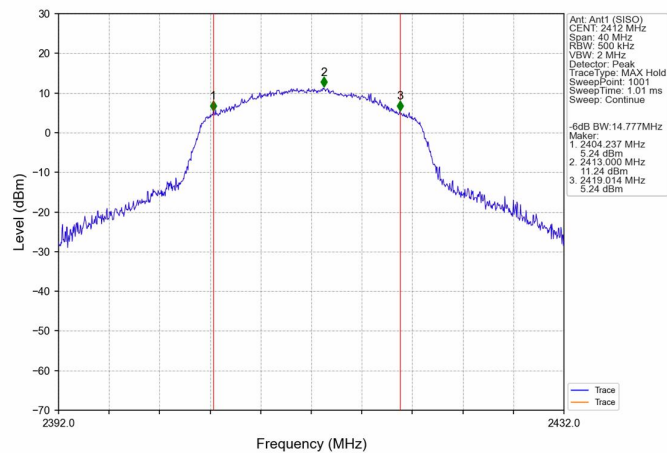


802.11g HCH 2462MHz Ant1 (SISO) NTNV

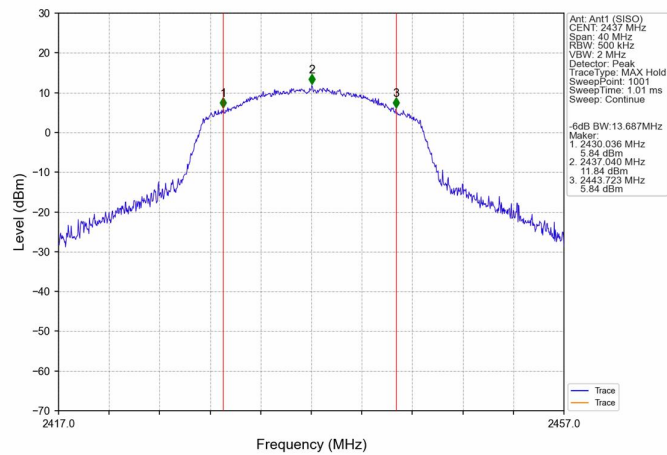




802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV

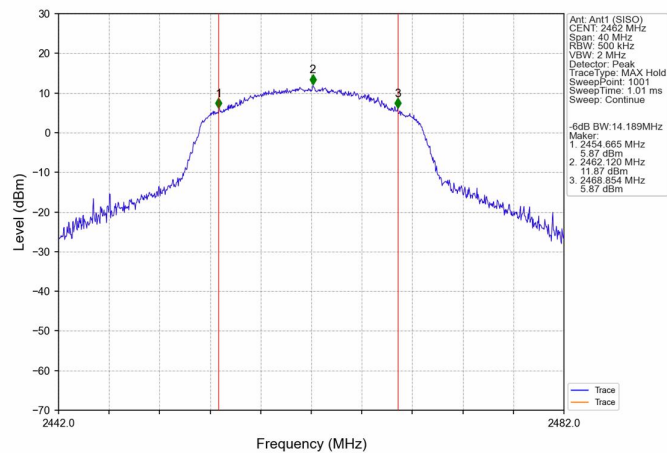


802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV

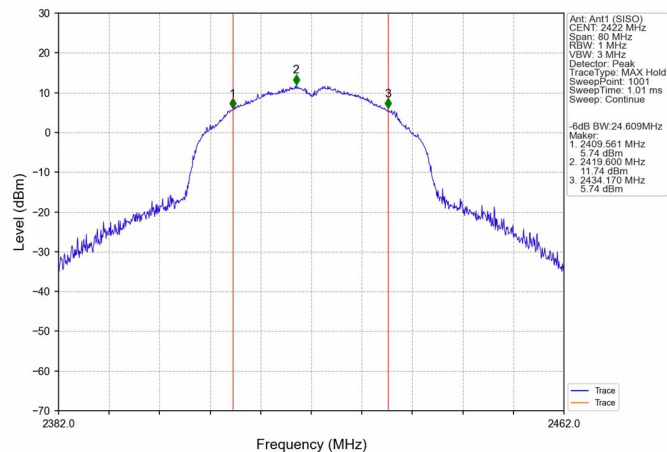




802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV

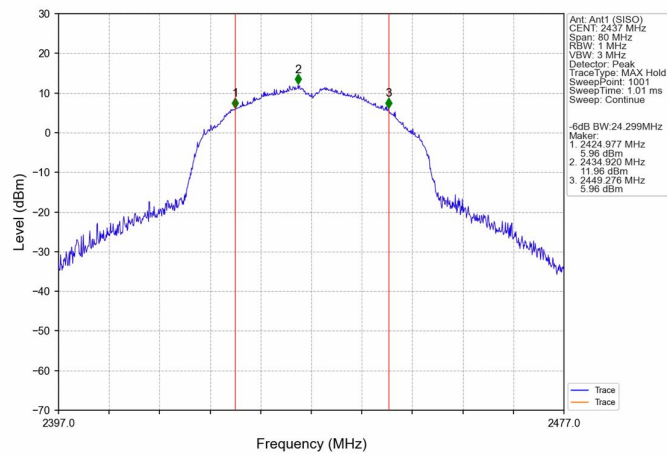


802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV

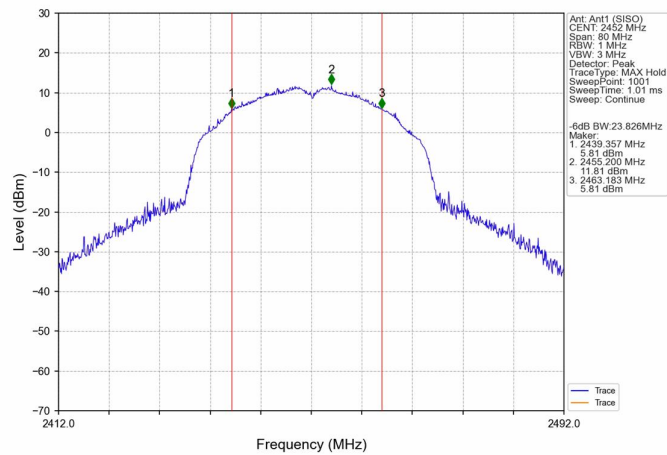




802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

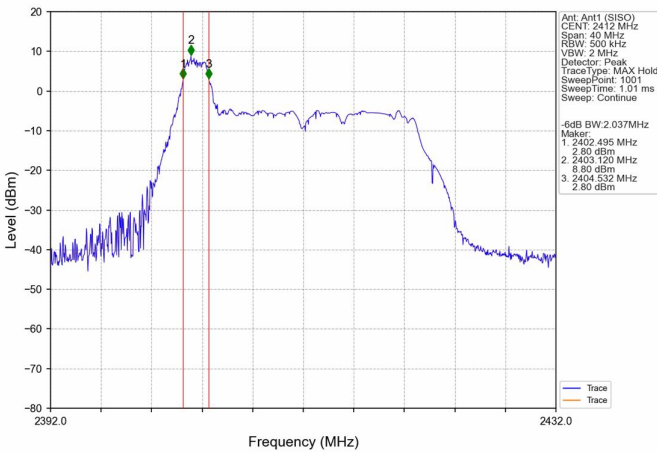


802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV

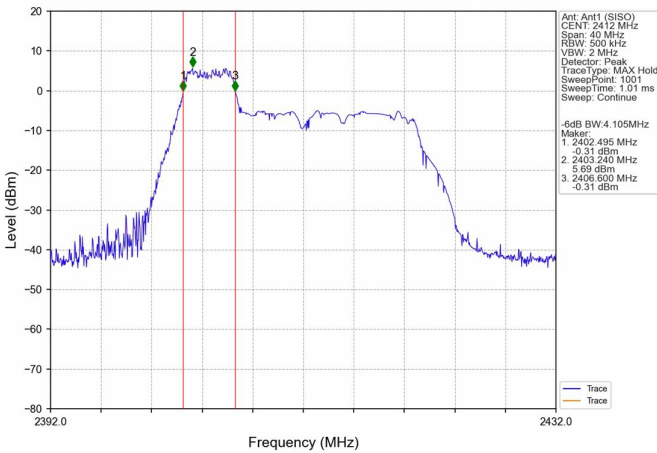




802.11ax(HEW20) LCH 2412MHz RU26\_0 Ant1 (SISO) NTN

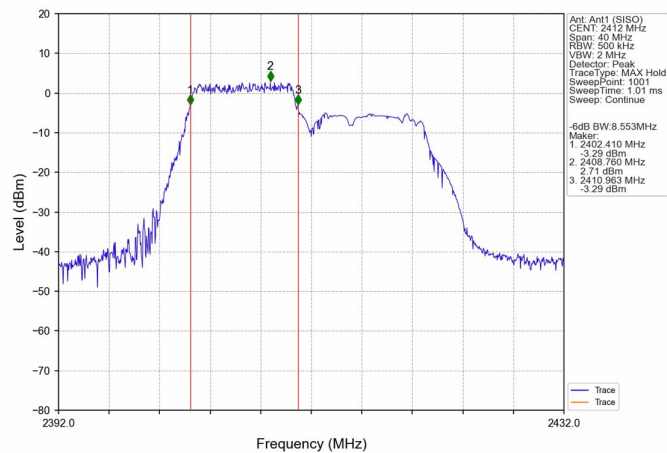


802.11ax(HEW20) LCH 2412MHz RU52\_37 Ant1 (SISO) NTN

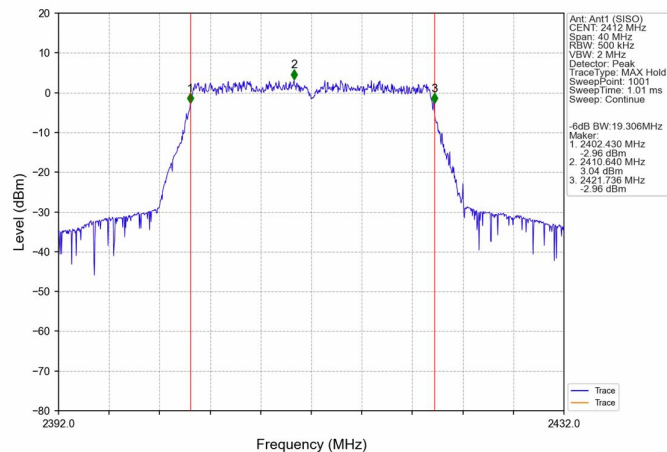




802.11ax(HEW20) LCH 2412MHz RU106 53 Ant1 (SISO) NTN

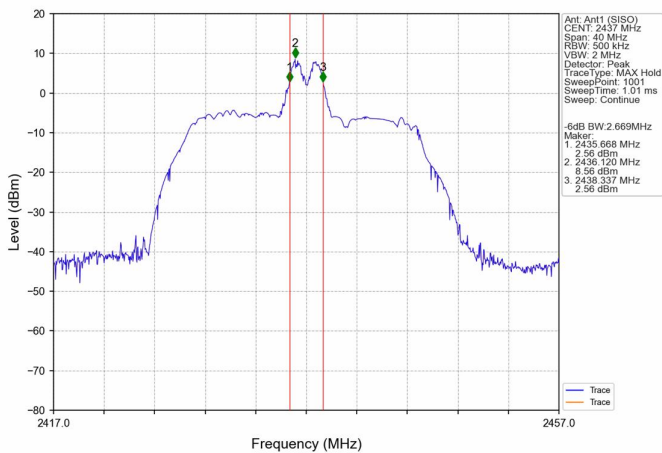


802.11ax(HEW20) LCH 2412MHz RU242 61 Ant1 (SISO) NTN

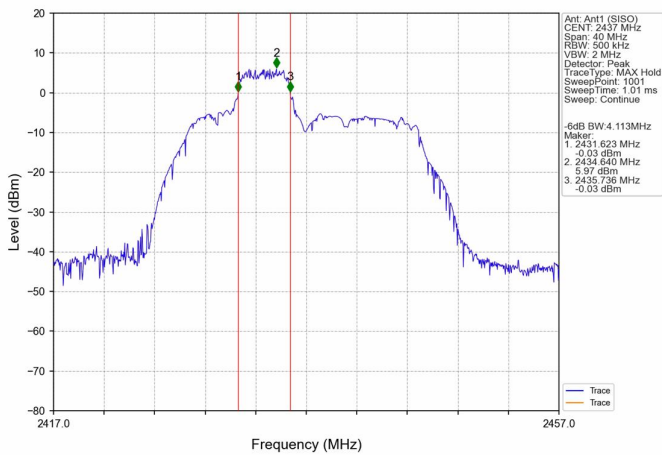




802.11ax(HEW20) MCH 2437MHz RU26 4 Ant1 (SISO) NTN

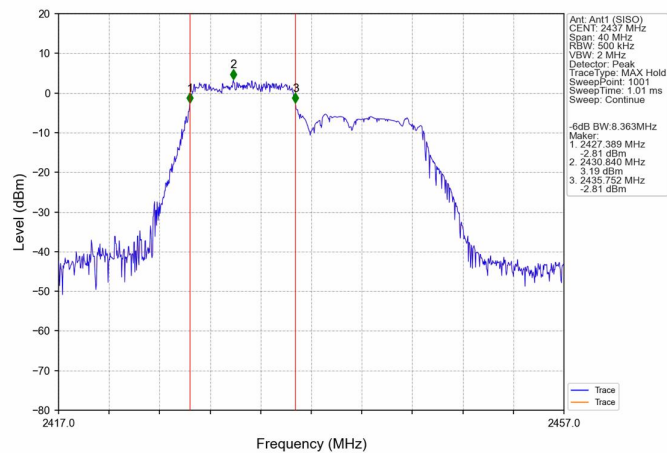


802.11ax(HEW20) MCH 2437MHz RU52 38 Ant1 (SISO) NTN

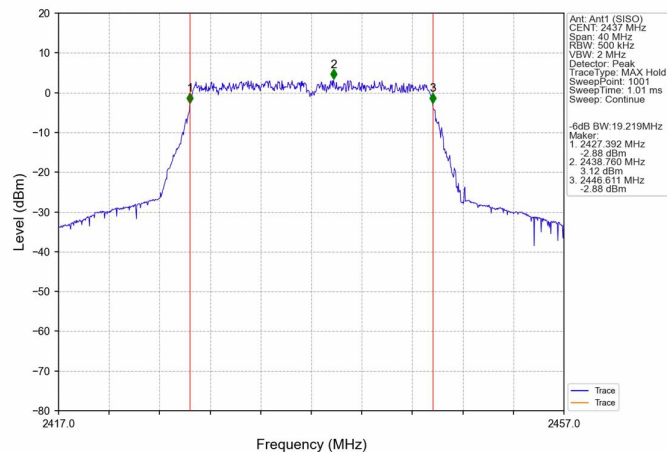




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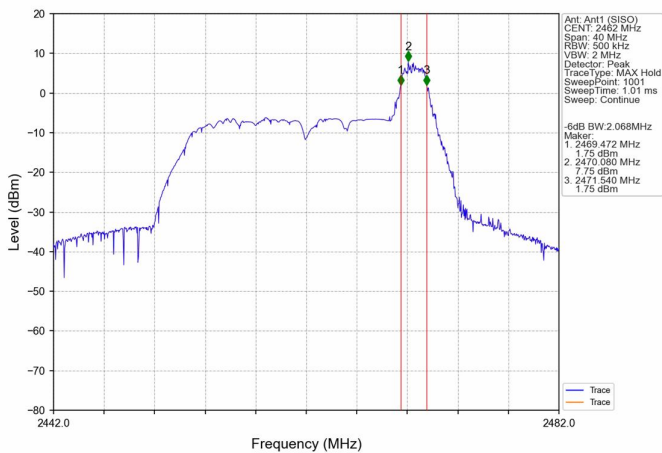


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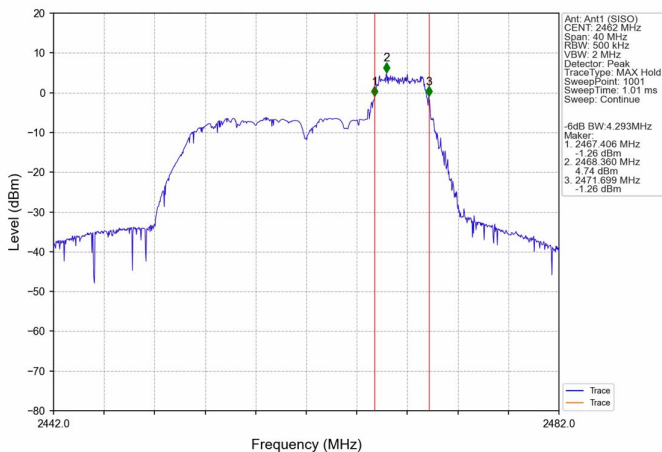




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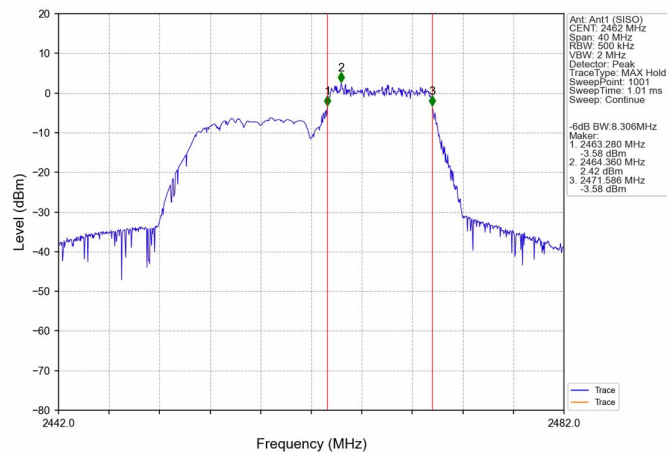


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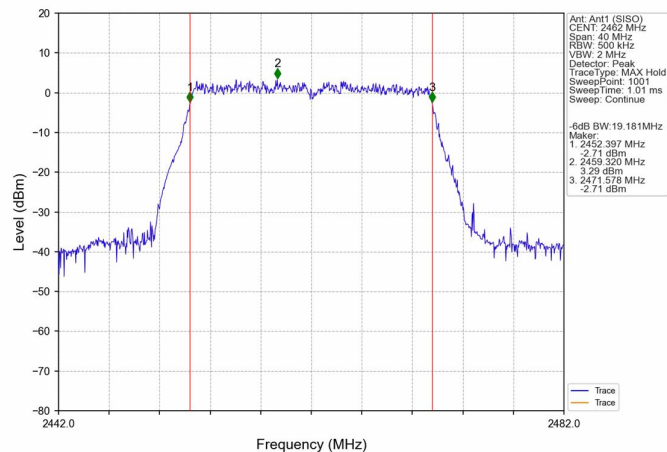




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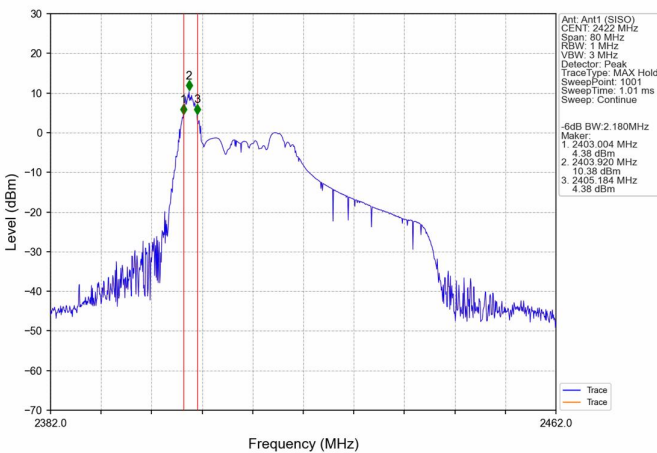


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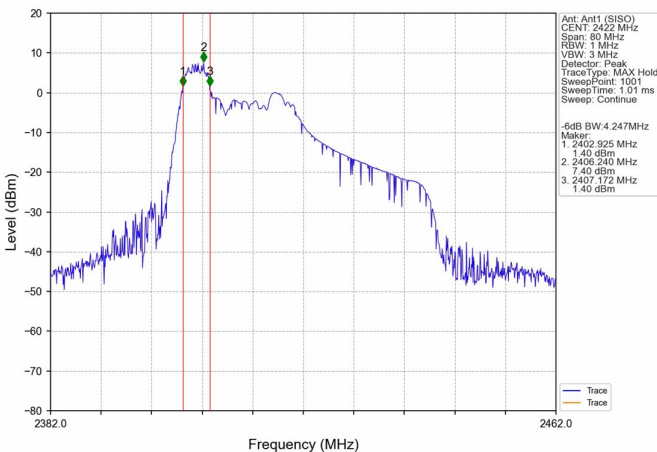




802.11ax(HEW40) LCH 2422MHz RU26\_0 Ant1 (SISO) NTN

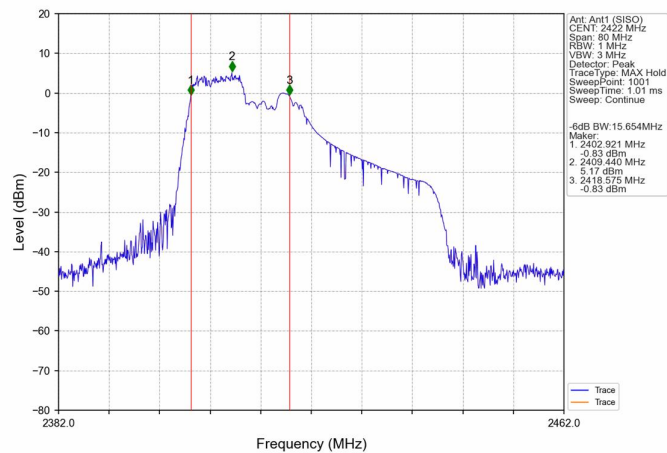


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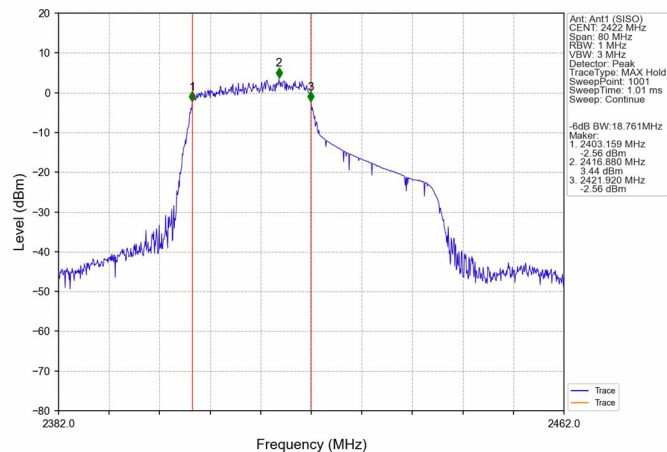




802.11ax(HEW40) LCH 2422MHz RU106 53 Ant1 (SISO) NTNv

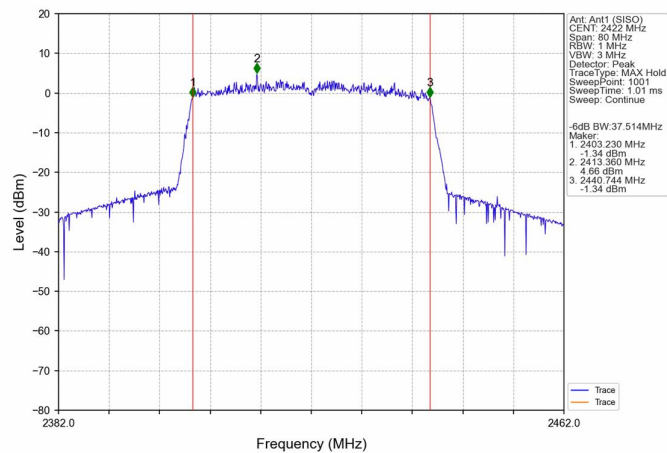


802.11ax(HEW40) LCH 2422MHz RU242 61 Ant1 (SISO) NTNv

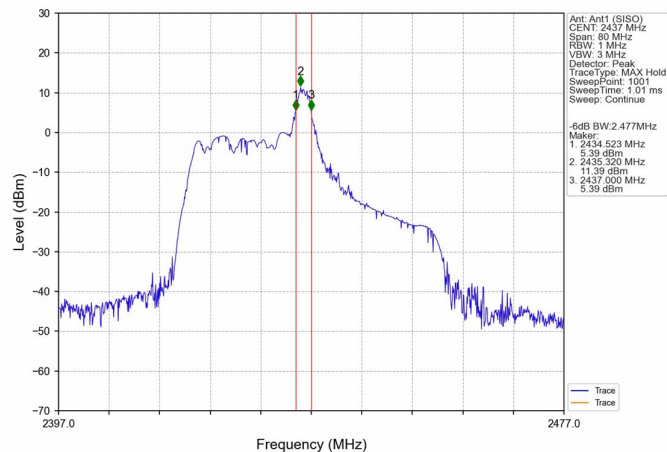




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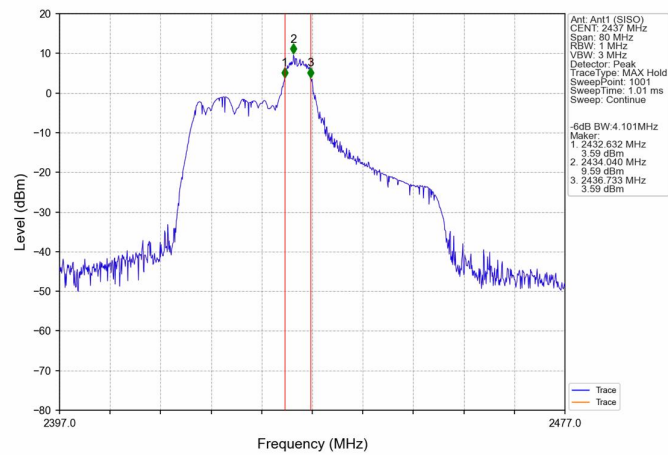


802.11ax(HEW40) MCH 2437MHz RU26 8 Ant1 (SISO) NTN

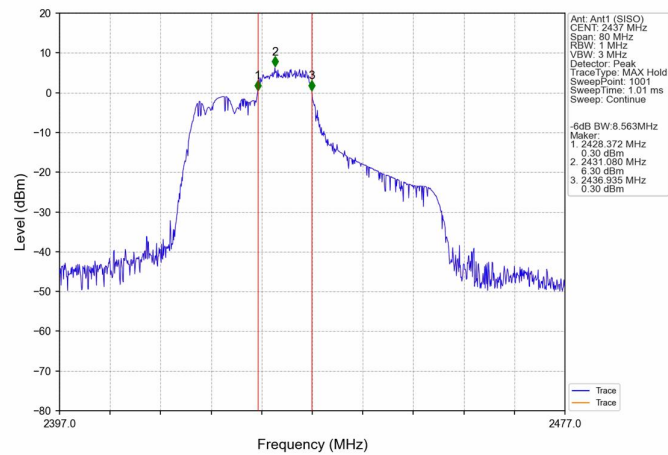




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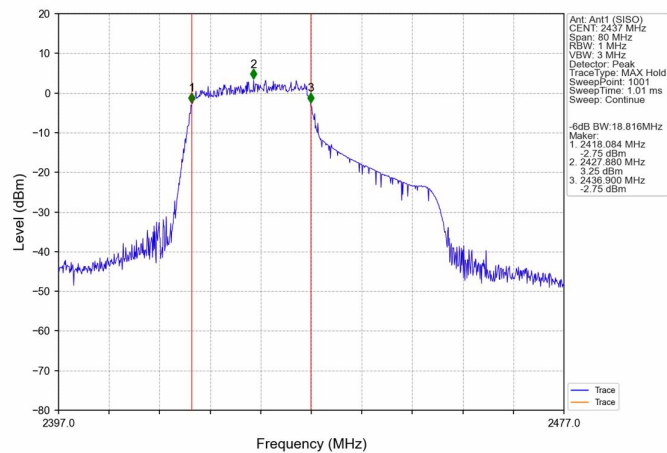


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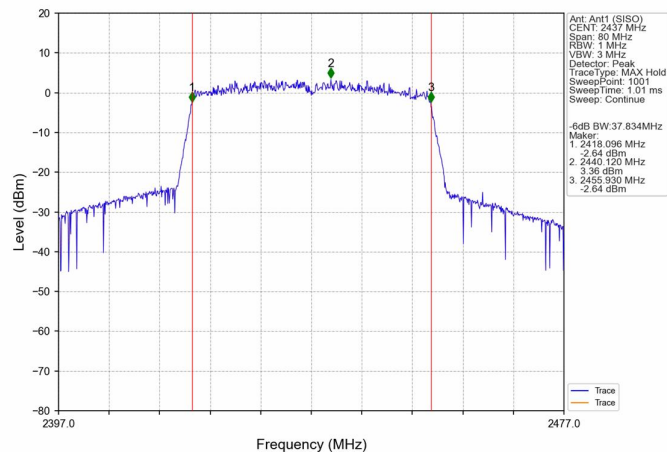




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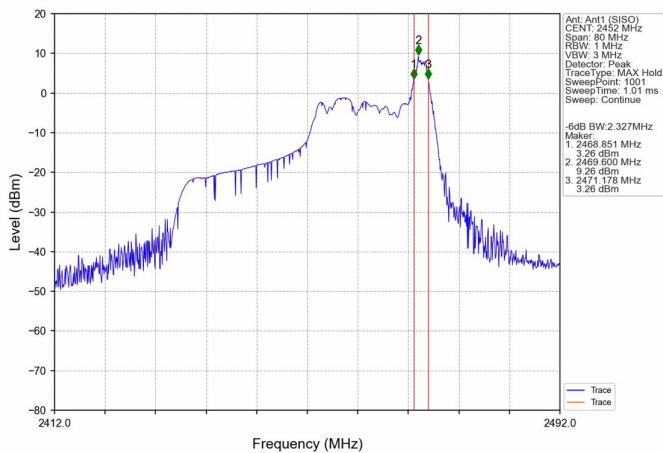


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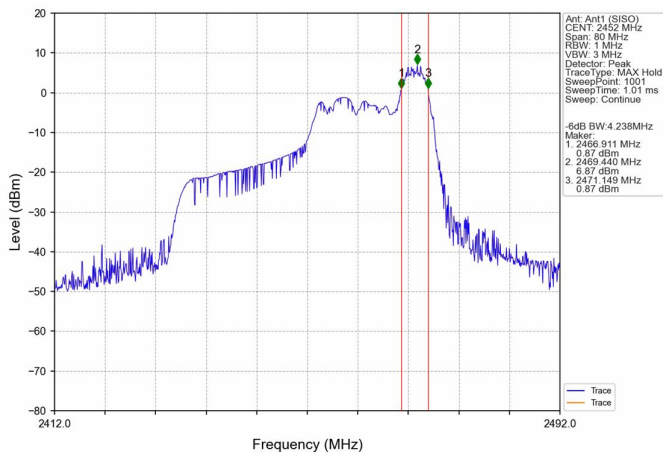




802.11ax(HEW40) HCH 2452MHz RU26 17 Ant1 (SISO) NTN

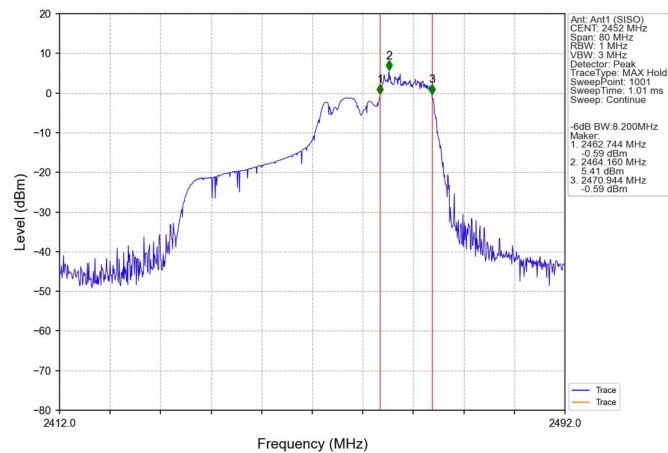


802.11ax(HEW40) HCH 2452MHz RU52 44 Ant1 (SISO) NTN

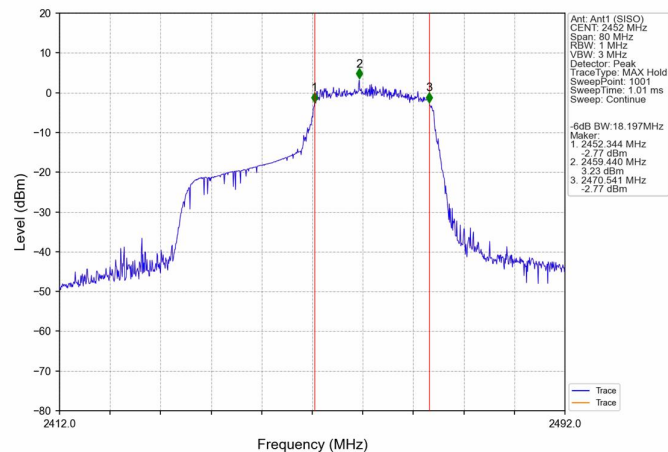




802.11ax(HEW40) HCH 2452MHz RU106 56 Ant1 (SISO) NTN

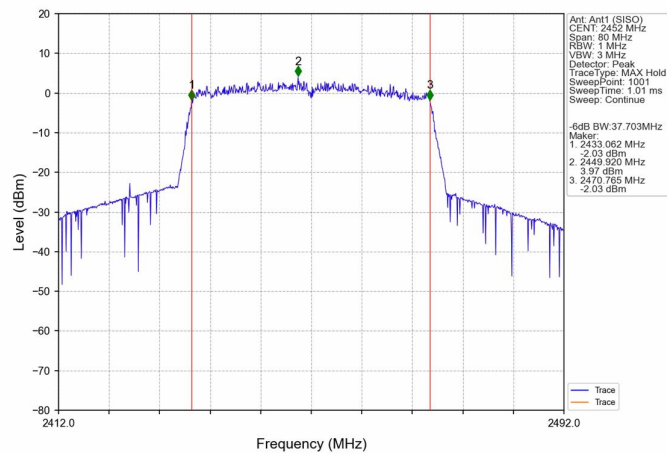


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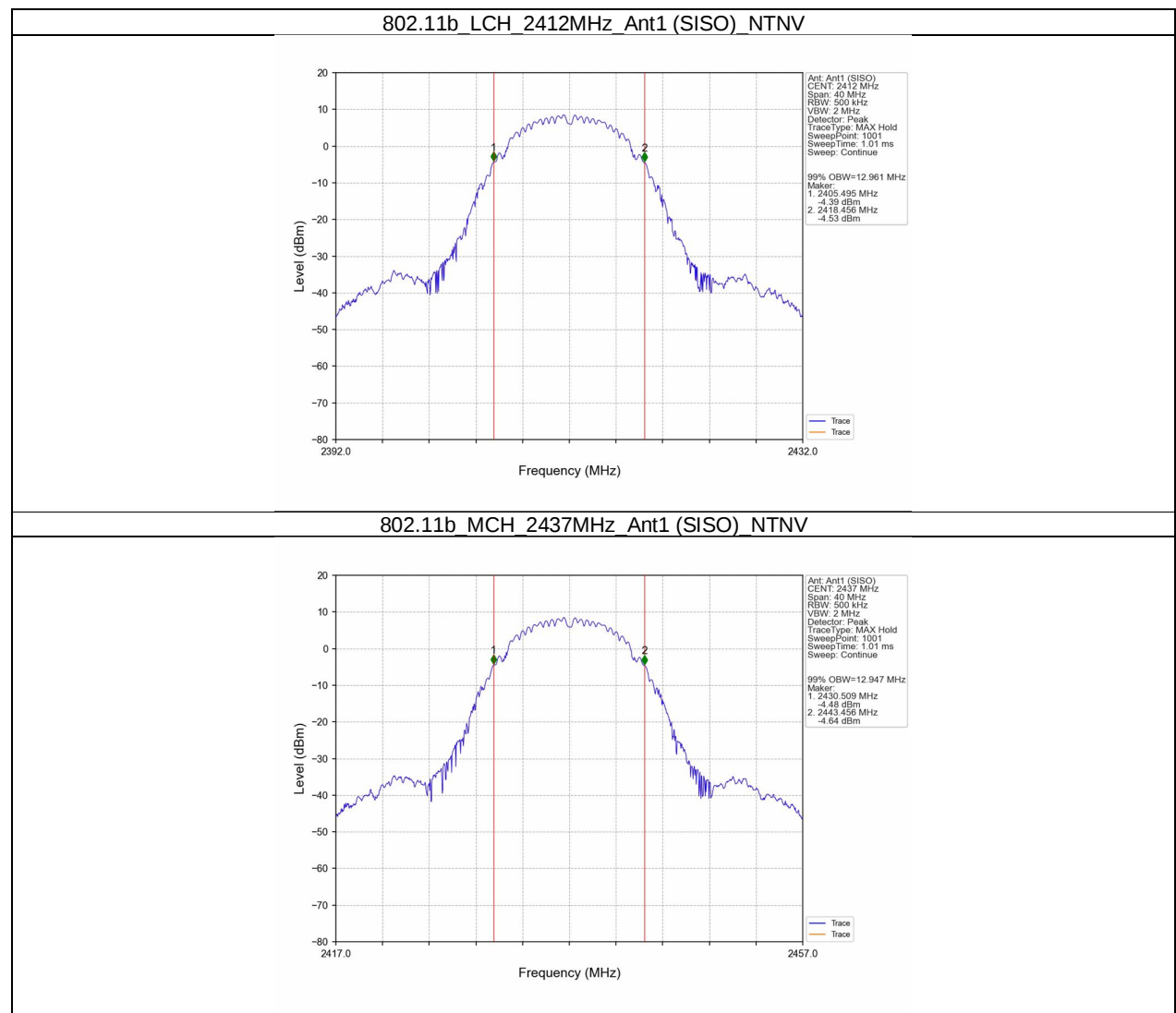




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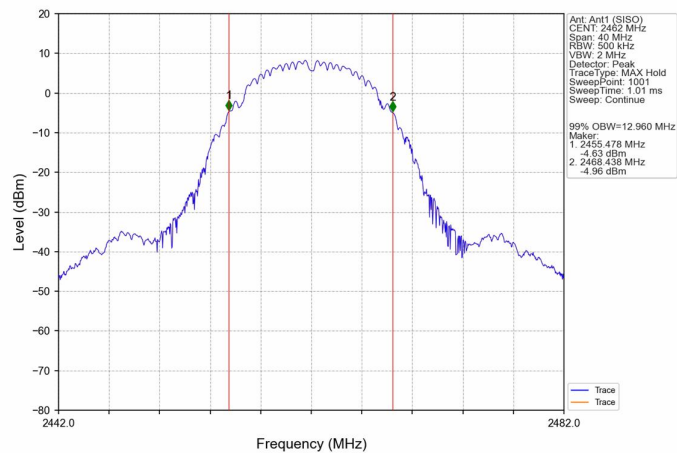


99% Bandwidth

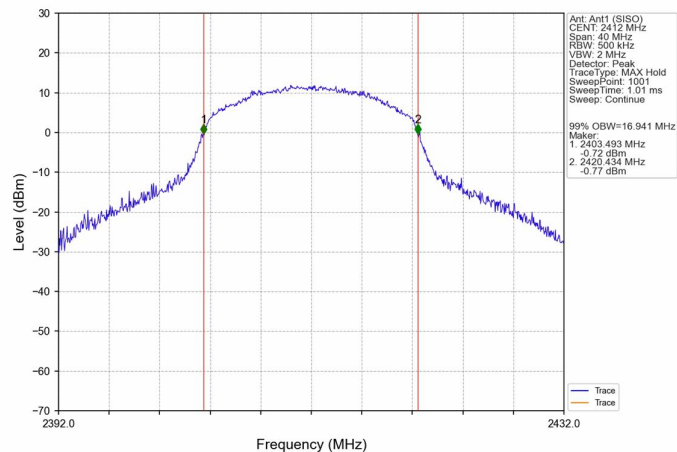




802.11b HCH 2462MHz Ant1 (SISO) NTNV

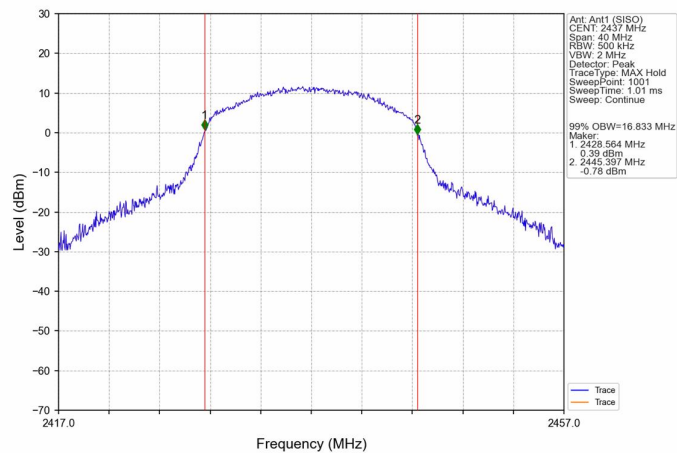


802.11g LCH 2412MHz Ant1 (SISO) NTNV

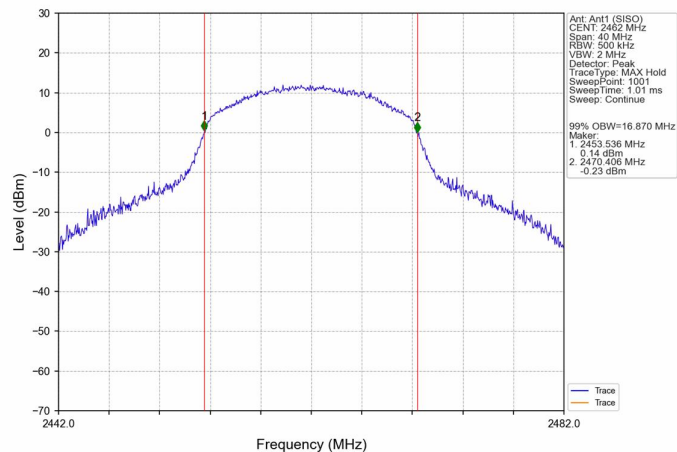




802.11g MCH 2437MHz Ant1 (SISO) NTNV

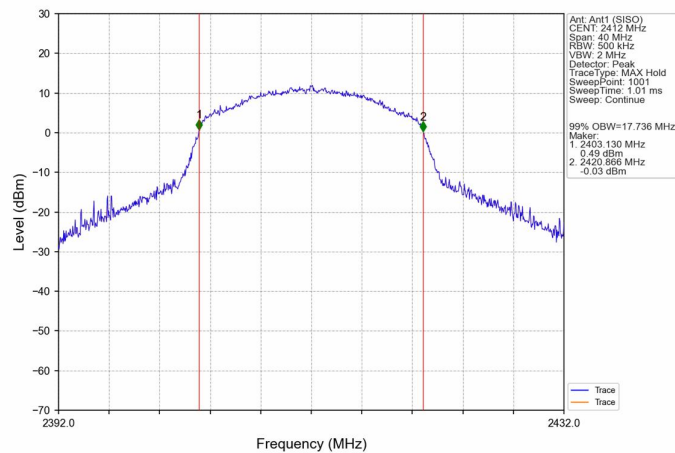


802.11g HCH 2462MHz Ant1 (SISO) NTNV

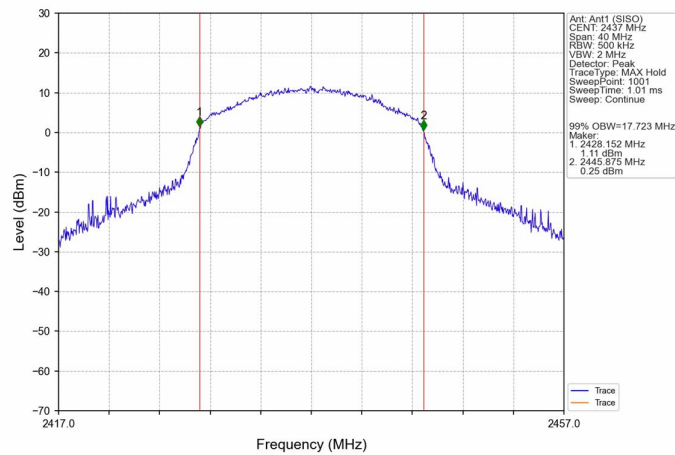




802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV

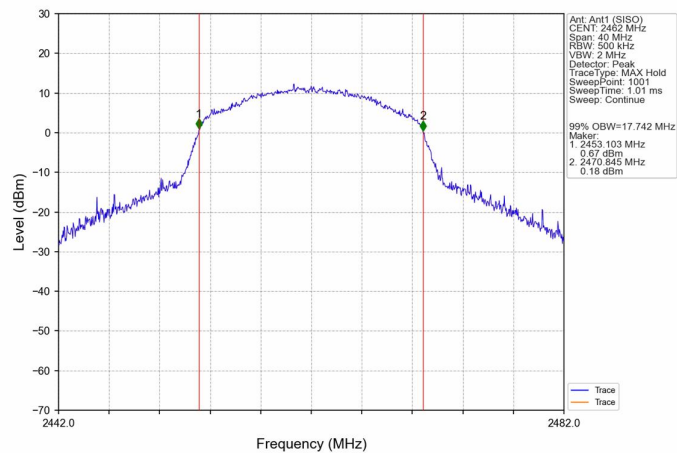


802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

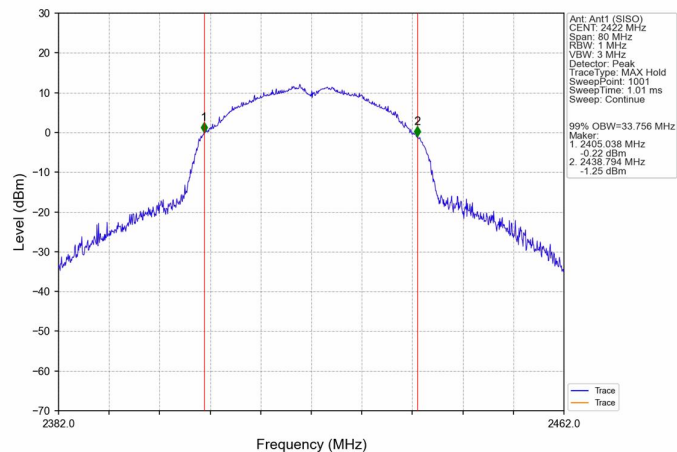




802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV

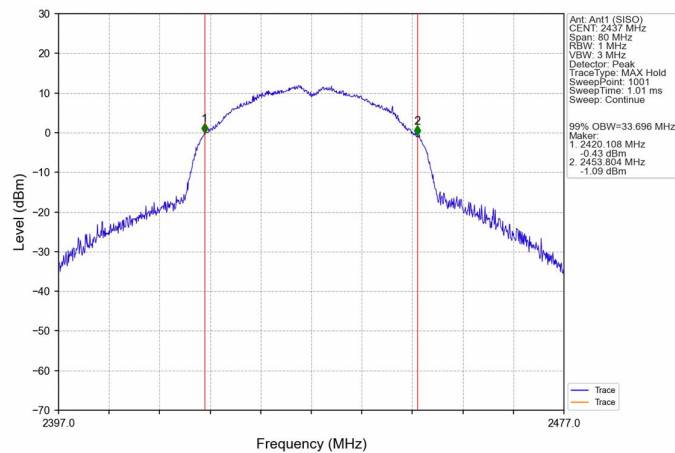


802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV





802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV

