

## 1. Duty Cycle

### 1.1 Ant1

#### 1.1.1 Test Result

| Ant1           |         |                 |           |             |                |                                   |                       |
|----------------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode           | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11b        | SISO    | 2412            | 8.410     | 8.580       | 98.02          | 0.09                              | 1.55                  |
|                |         | 2437            | 8.416     | 8.563       | 98.28          | 0.08                              | 1.28                  |
|                |         | 2462            | 8.403     | 8.563       | 98.13          | 0.08                              | 1.40                  |
| 802.11g        | SISO    | 2412            | 1.396     | 1.557       | 89.66          | 0.47                              | 7.87                  |
|                |         | 2437            | 1.389     | 1.566       | 88.70          | 0.52                              | 8.37                  |
|                |         | 2462            | 1.392     | 1.547       | 89.98          | 0.46                              | 7.36                  |
| 802.11n (HT20) | MIMO    | 2412            | 1.308     | 1.469       | 89.04          | 0.50                              | 7.09                  |
|                |         | 2437            | 1.307     | 1.477       | 88.49          | 0.53                              | 8.89                  |
|                |         | 2462            | 1.307     | 1.468       | 89.03          | 0.50                              | 7.72                  |
| 802.11n (HT40) | MIMO    | 2422            | 0.648     | 0.817       | 79.31          | 1.01                              | 12.11                 |
|                |         | 2437            | 0.648     | 0.809       | 80.10          | 0.96                              | 14.83                 |
|                |         | 2452            | 0.648     | 0.790       | 82.03          | 0.86                              | 12.99                 |



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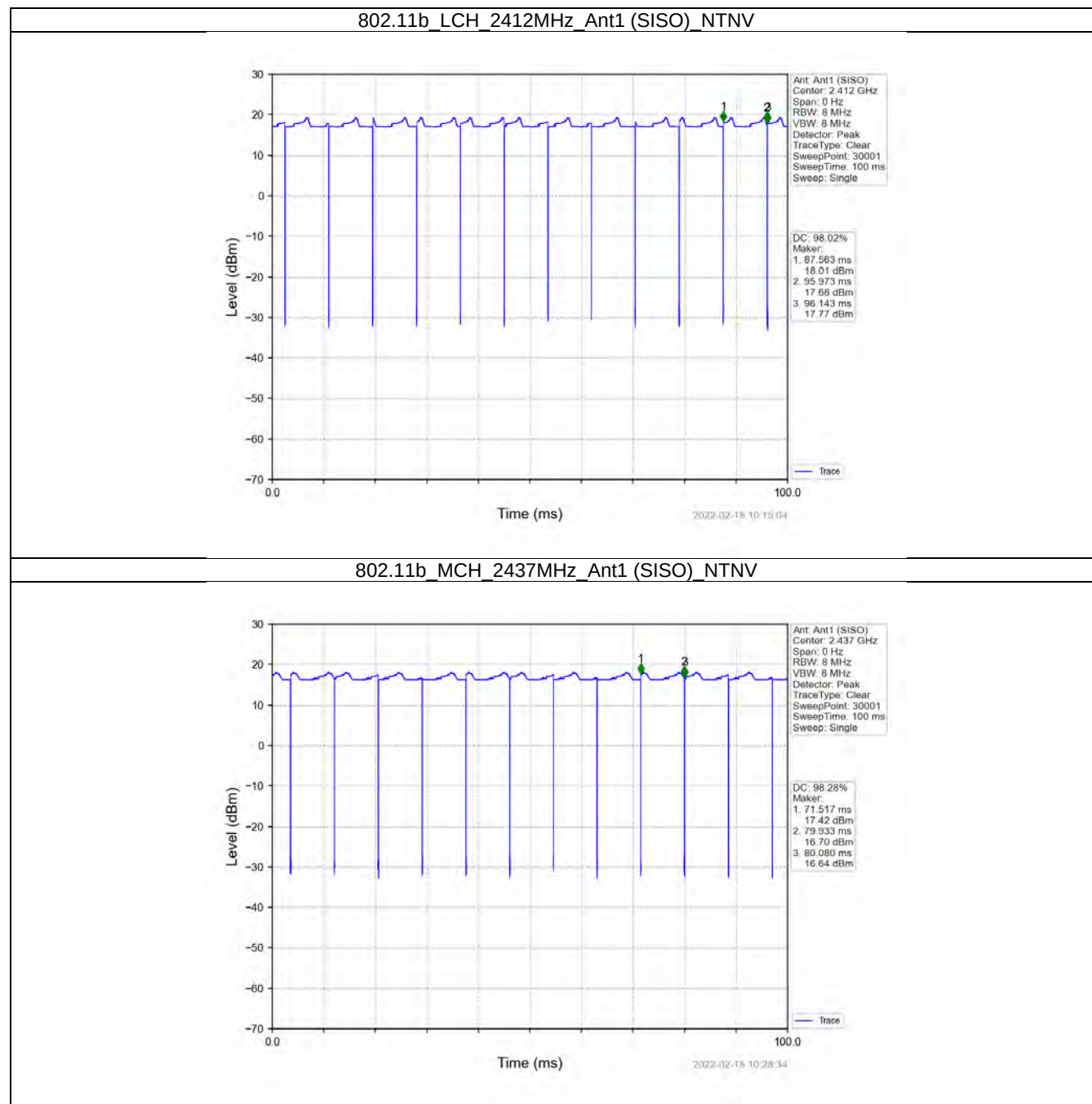
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### 1.1.2 Test Graph



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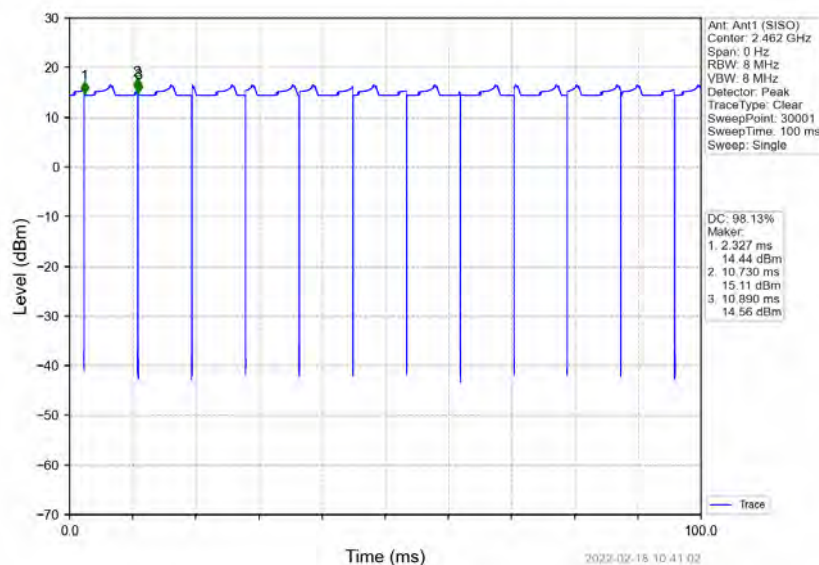
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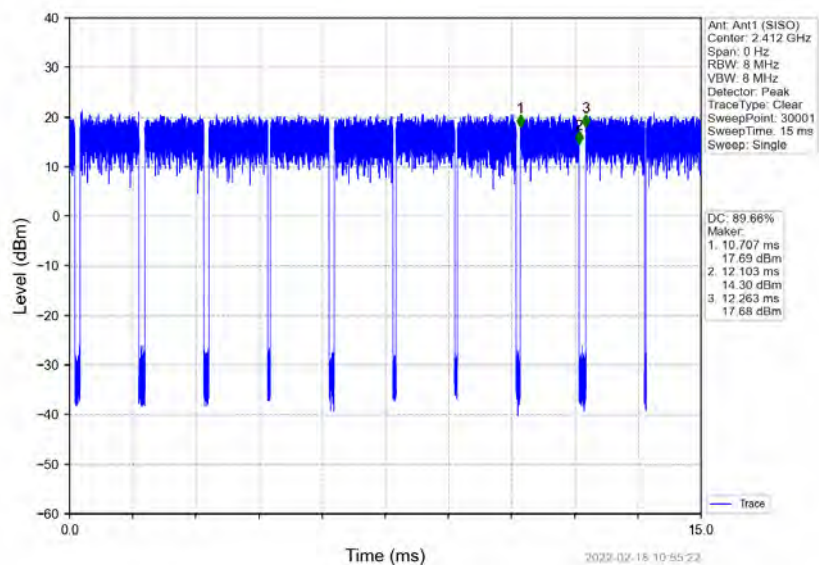
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802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



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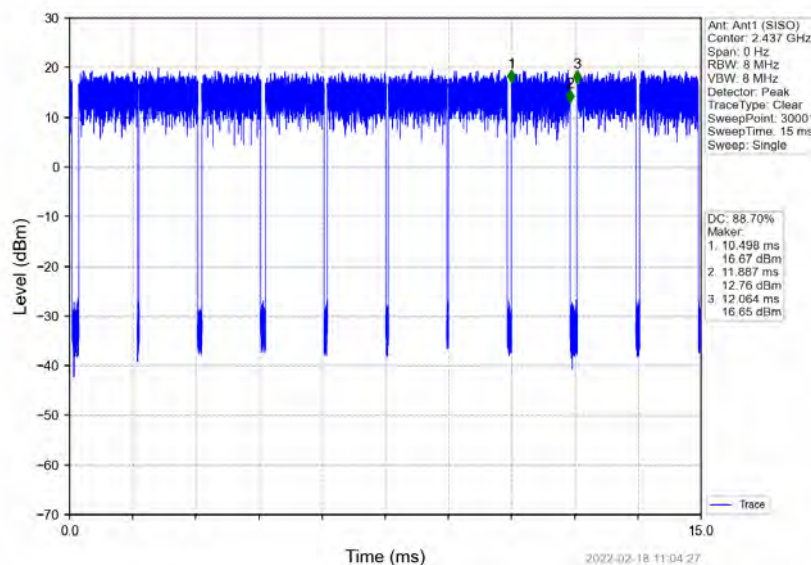
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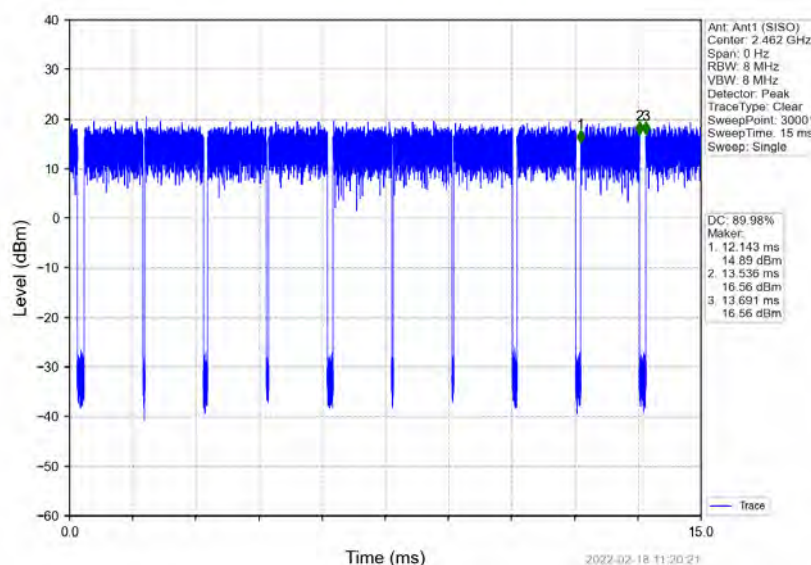
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## 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



## 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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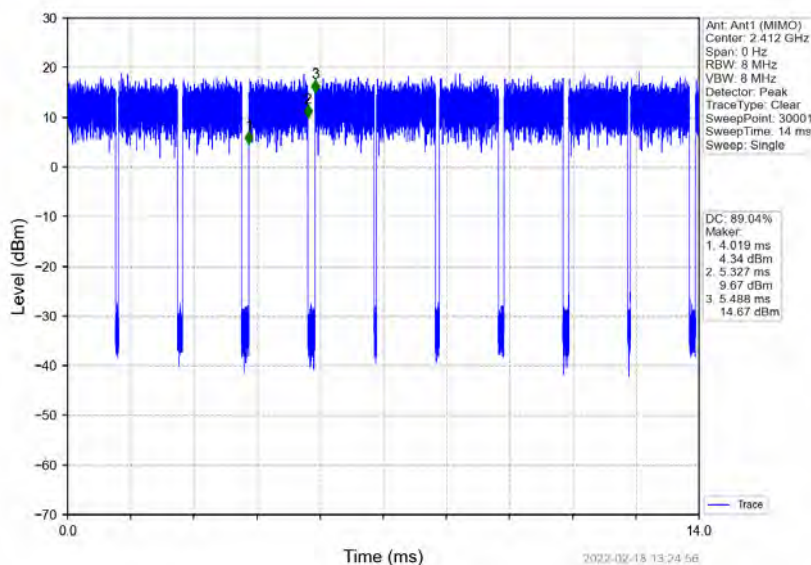
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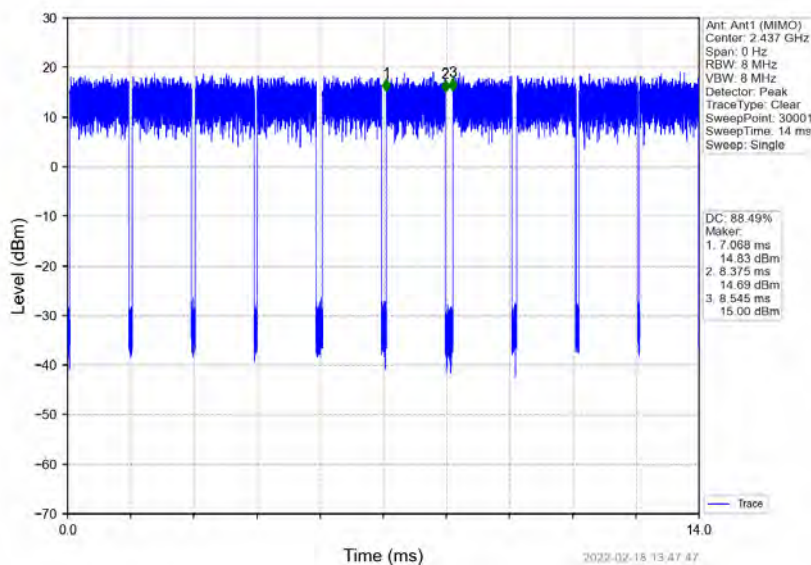
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802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO) NTN



802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO) NTN



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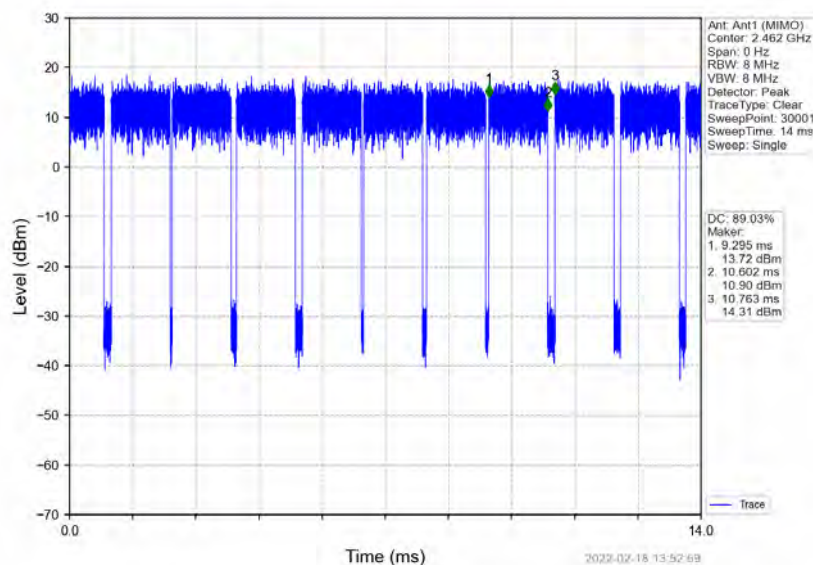
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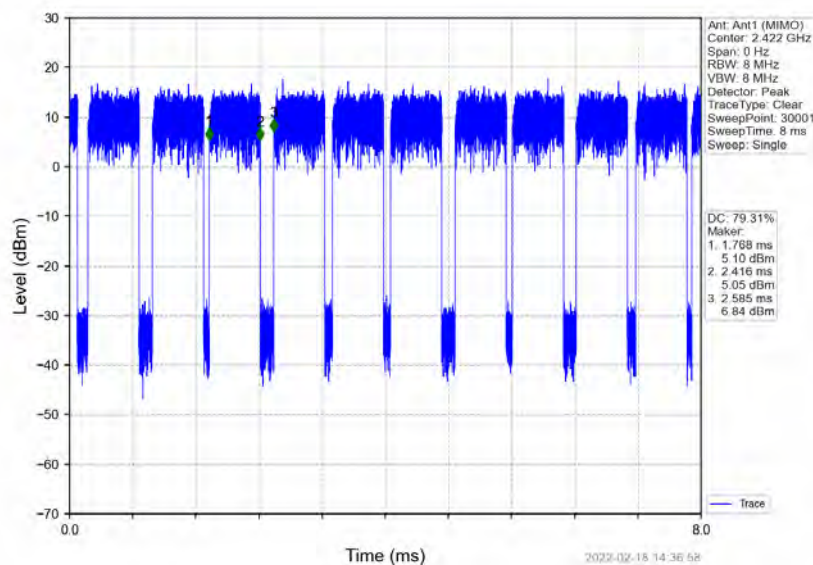
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802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



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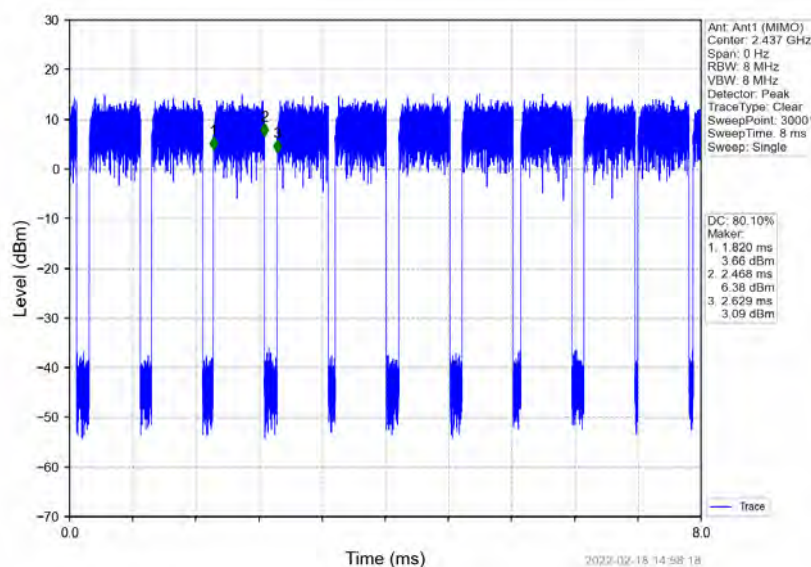
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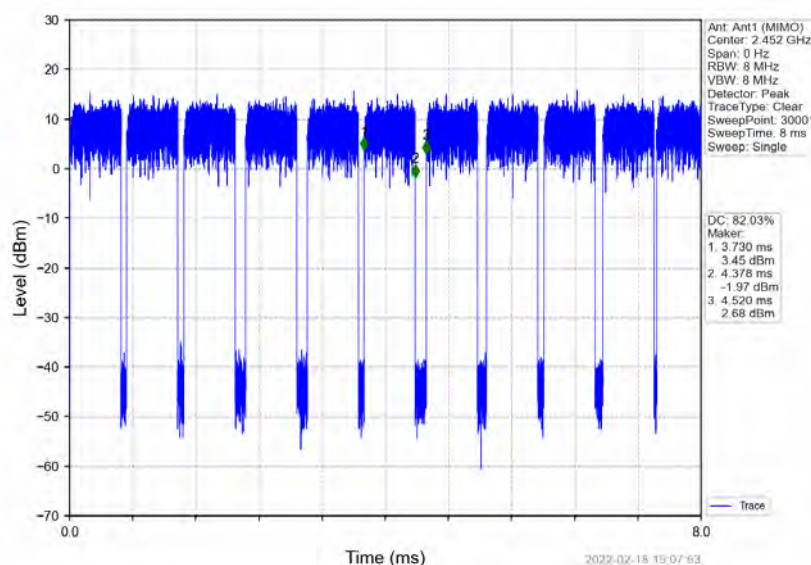
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802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



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



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## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

| Mode           | TX Type | Frequency (MHz) | Ant | 99% Occupied Bandwidth (MHz) | Verdict |
|----------------|---------|-----------------|-----|------------------------------|---------|
|                |         |                 |     | Result                       |         |
| 802.11b        | SISO    | 2412            | 1   | 14.213                       | Pass    |
|                |         |                 | 2   | 13.917                       | Pass    |
|                |         | 2437            | 1   | 14.800                       | Pass    |
|                |         |                 | 2   | 14.450                       | Pass    |
|                |         | 2462            | 1   | 13.940                       | Pass    |
|                |         |                 | 2   | 14.012                       | Pass    |
| 802.11g        | SISO    | 2412            | 1   | 17.424                       | Pass    |
|                |         |                 | 2   | 16.761                       | Pass    |
|                |         | 2437            | 1   | 18.310                       | Pass    |
|                |         |                 | 2   | 17.018                       | Pass    |
|                |         | 2462            | 1   | 17.143                       | Pass    |
|                |         |                 | 2   | 16.782                       | Pass    |
| 802.11n (HT20) | MIMO    | 2412            | 1   | 17.974                       | Pass    |
|                |         |                 | 2   | 17.471                       | Pass    |
|                |         | 2437            | 1   | 18.857                       | Pass    |
|                |         |                 | 2   | 17.800                       | Pass    |
|                |         | 2462            | 1   | 17.859                       | Pass    |
|                |         |                 | 2   | 17.492                       | Pass    |
| 802.11n (HT40) | MIMO    | 2422            | 1   | 35.534                       | Pass    |
|                |         |                 | 2   | 36.349                       | Pass    |
|                |         | 2437            | 1   | 36.836                       | Pass    |
|                |         |                 | 2   | 37.016                       | Pass    |
|                |         | 2452            | 1   | 36.361                       | Pass    |
|                |         |                 | 2   | 35.481                       | Pass    |



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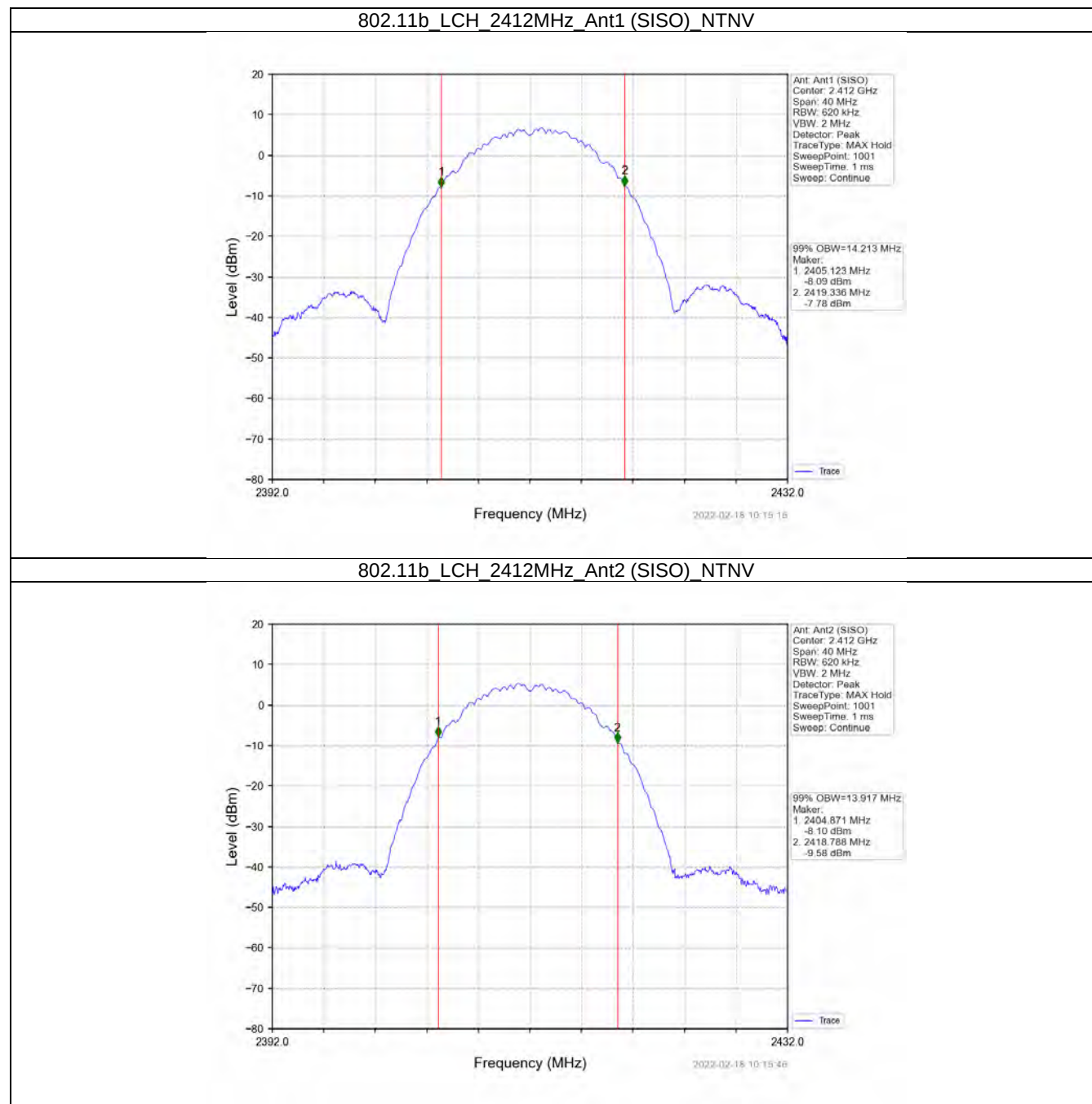
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## 2.1.2 Test Graph



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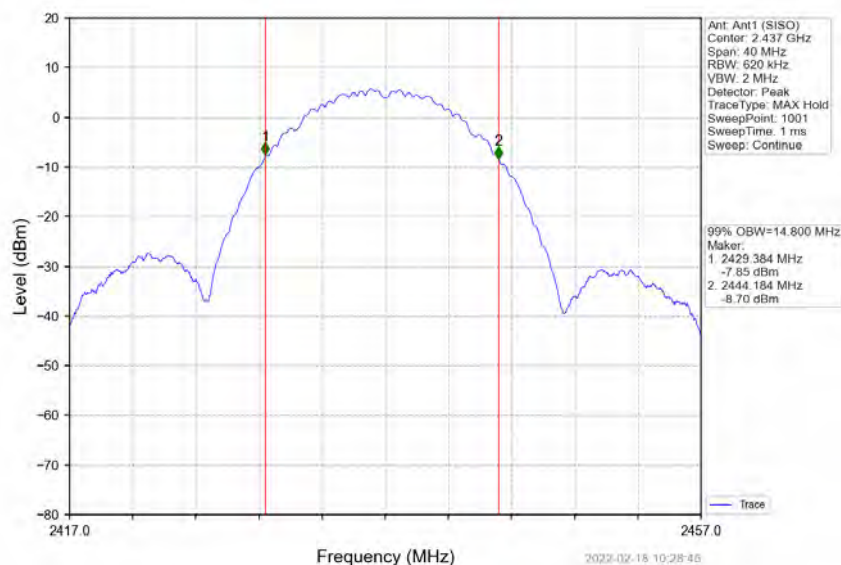
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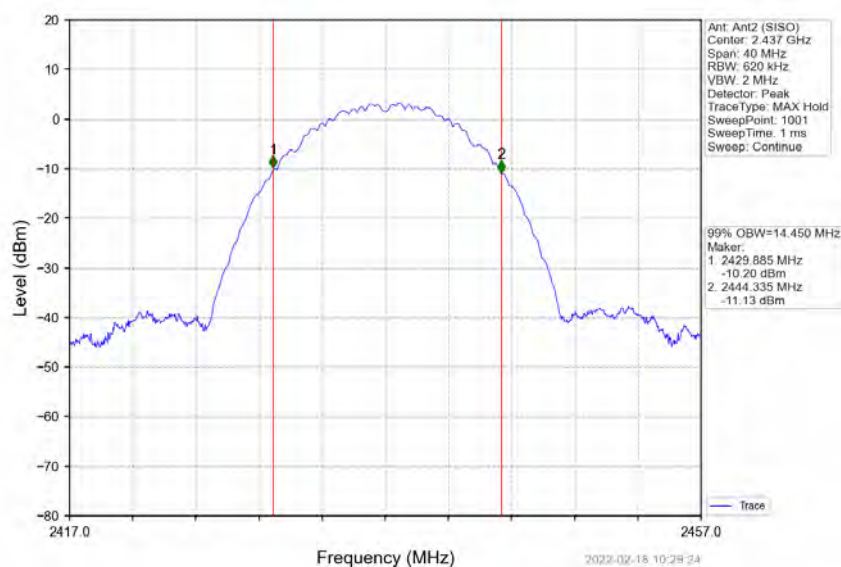
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802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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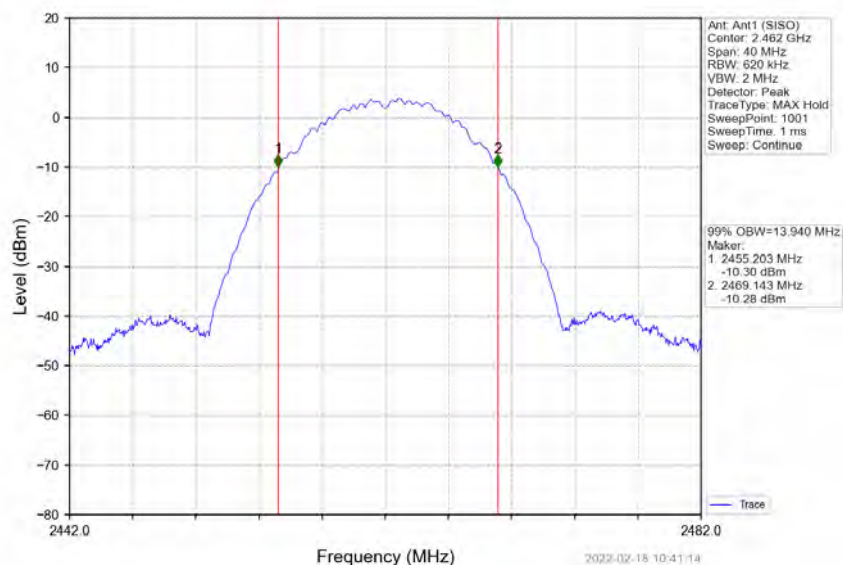
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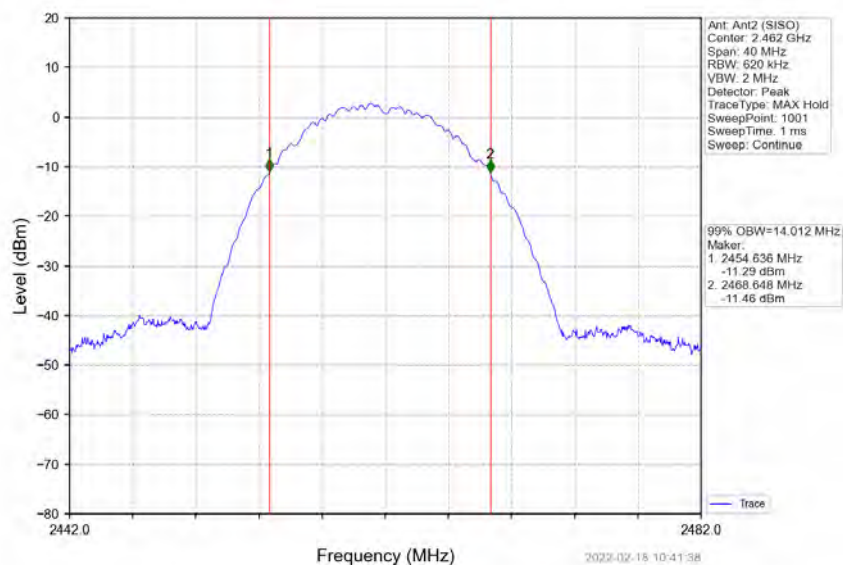
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802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



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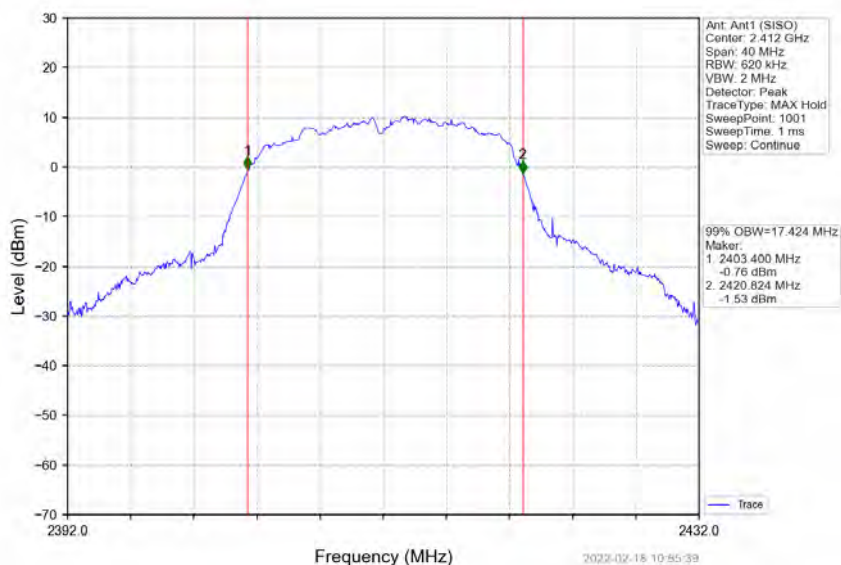
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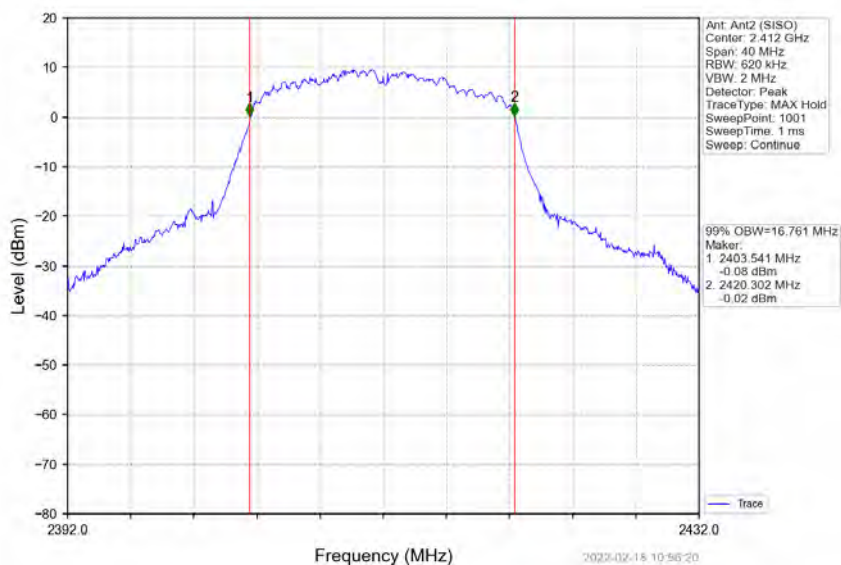
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802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



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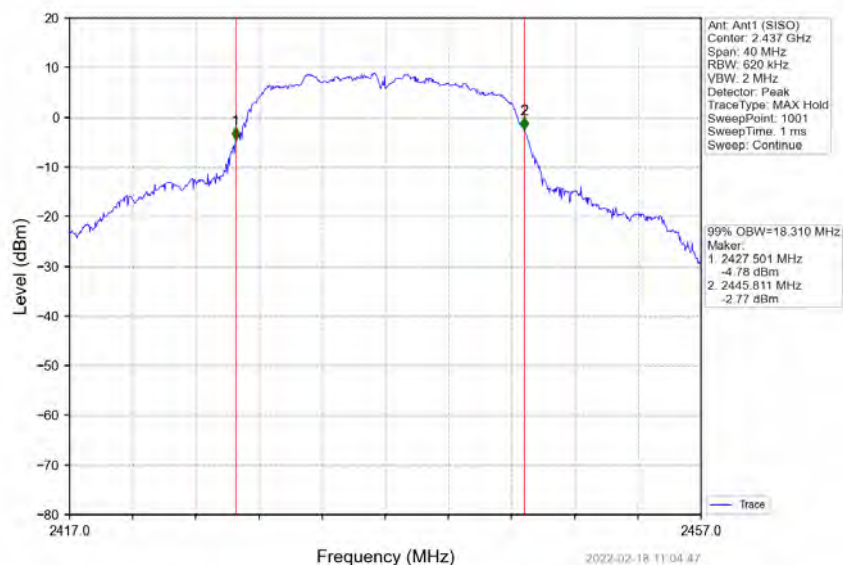
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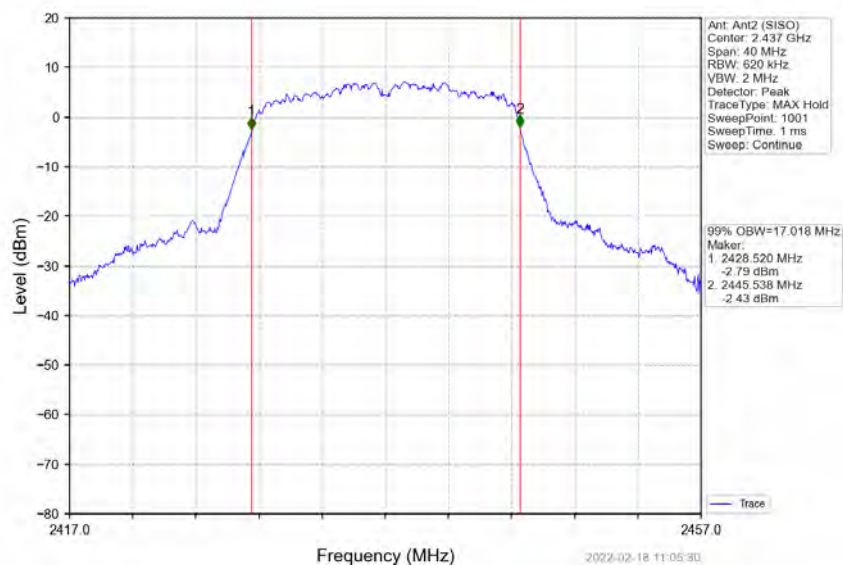
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802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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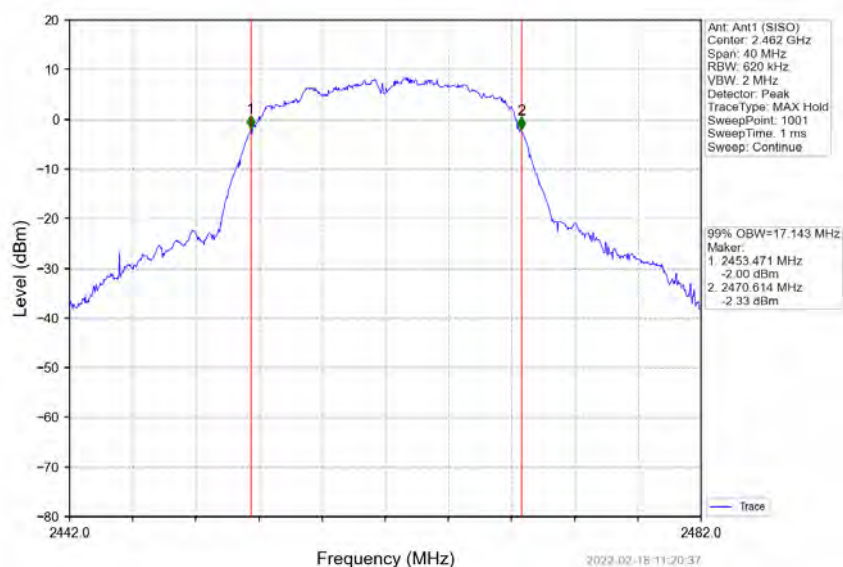
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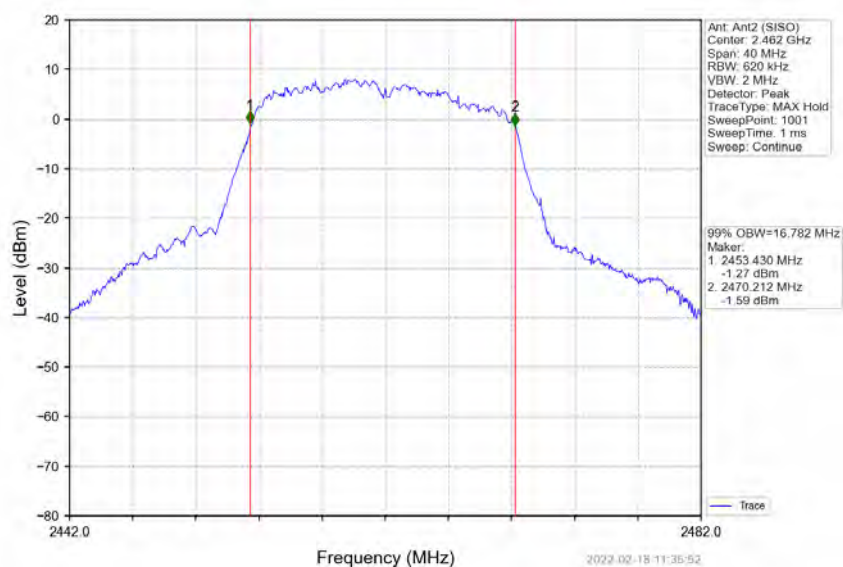
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802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



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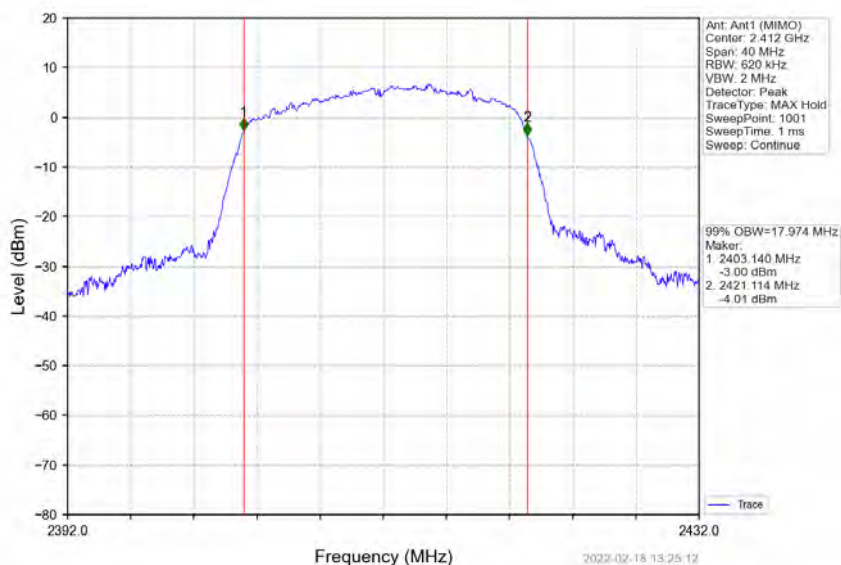
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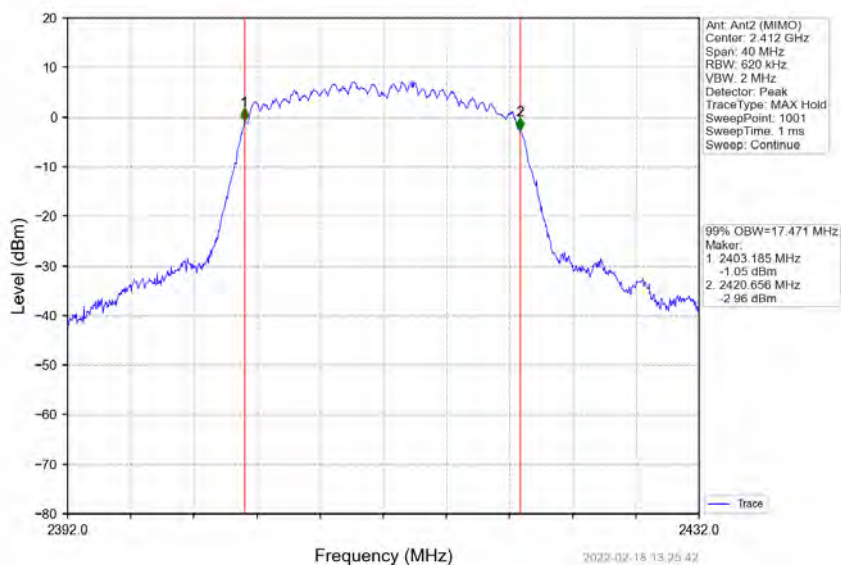
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802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO) NTN



802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO) NTN



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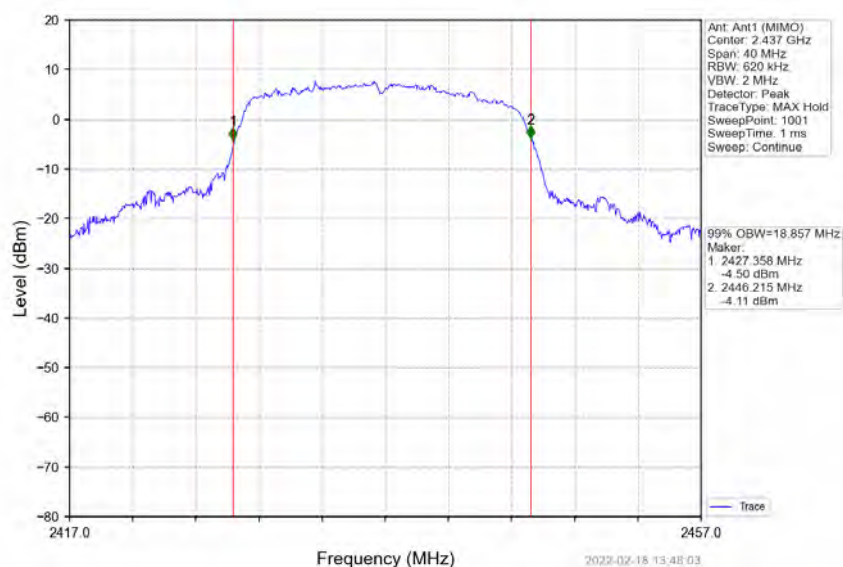
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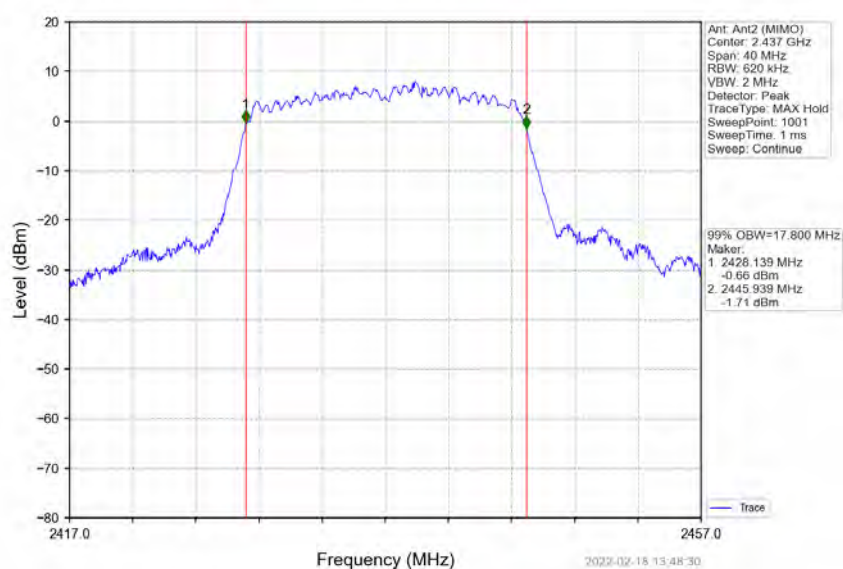
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802.11n(HT20) MCH\_2437MHz\_Ant1 (MIMO) NTNV



802.11n(HT20) MCH\_2437MHz\_Ant2 (MIMO) NTNV



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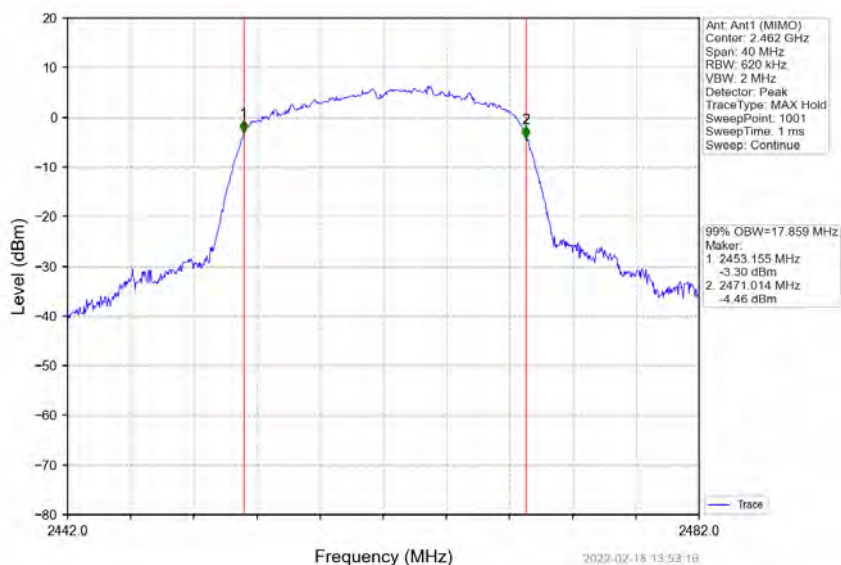
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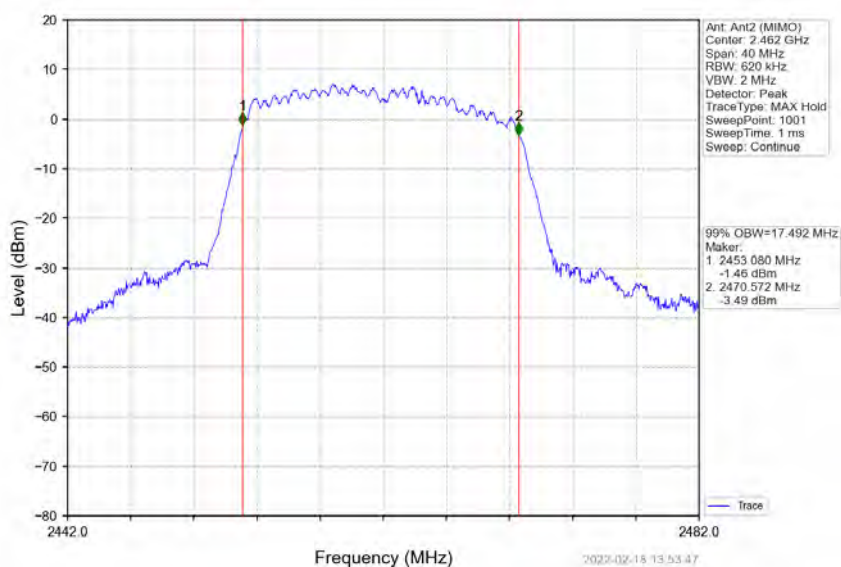
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802.11n(HT20) HCH 2462MHz\_Ant1 (MIMO) NTN



802.11n(HT20) HCH 2462MHz\_Ant2 (MIMO) NTN



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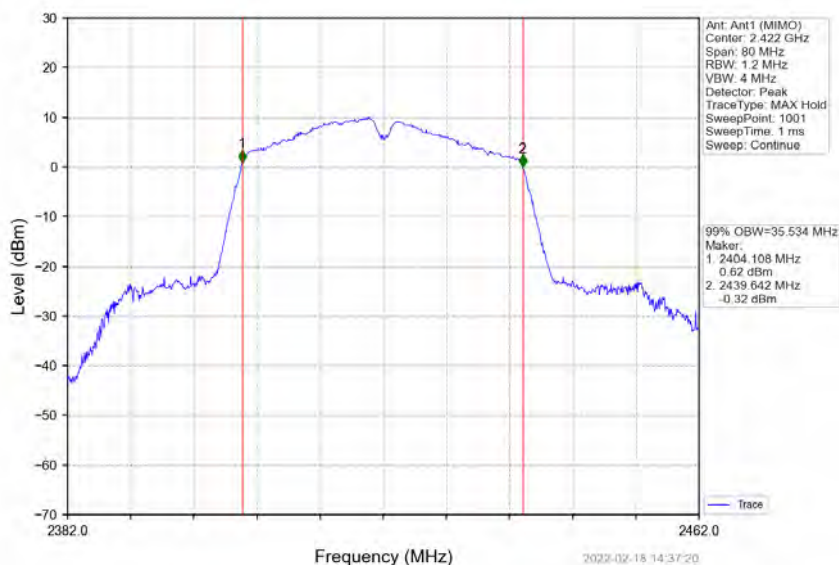
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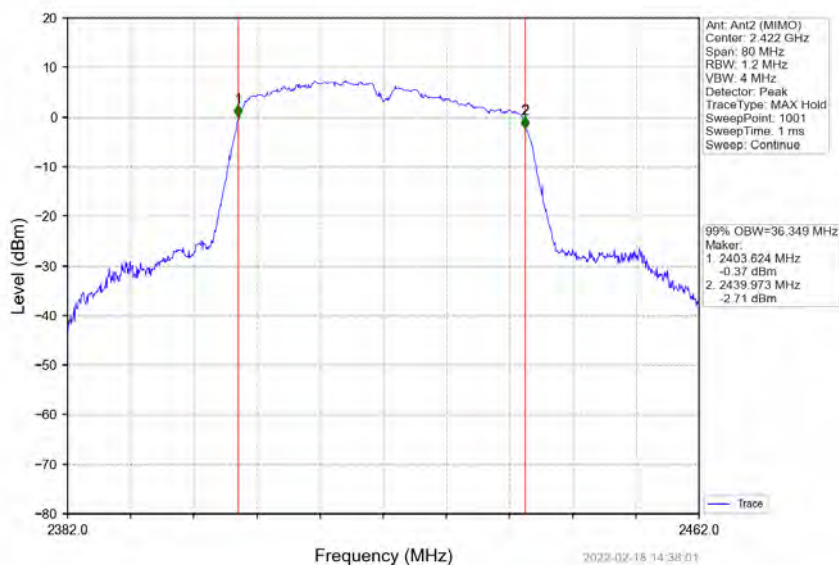
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802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



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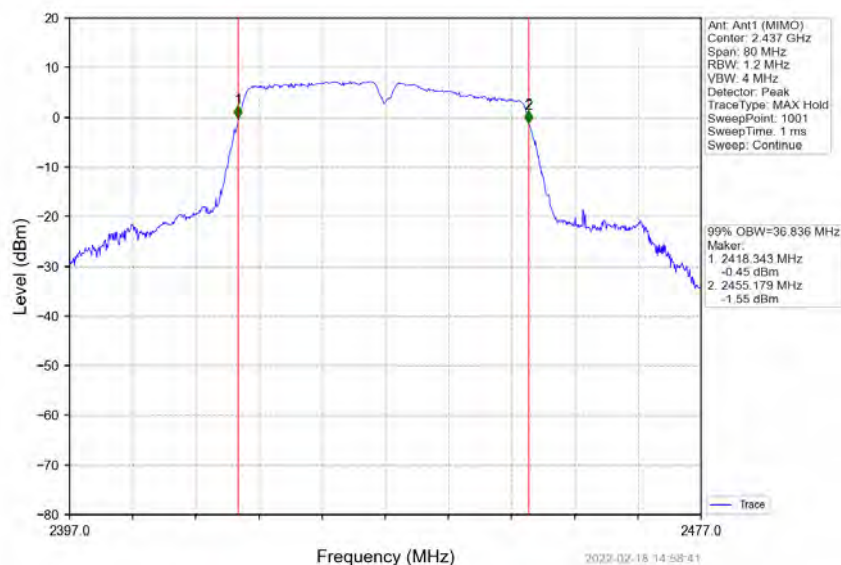
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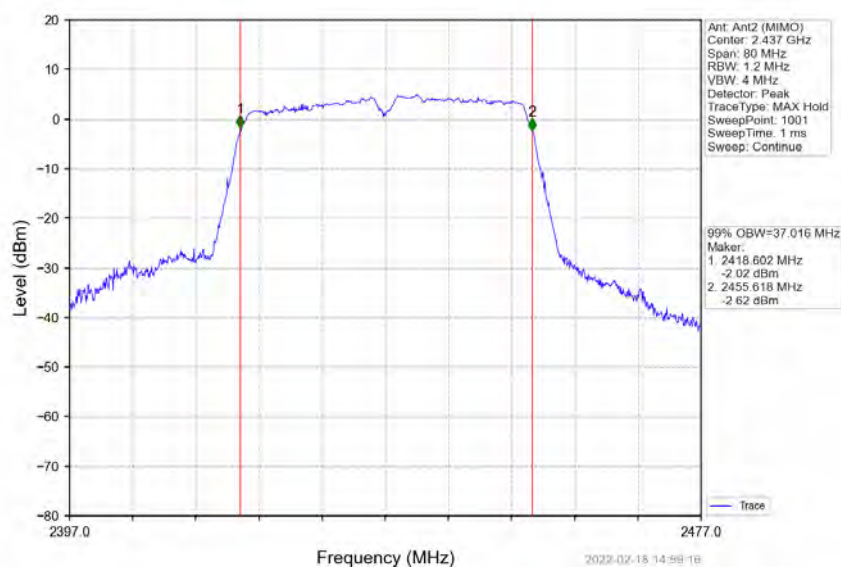
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802.11n(HT40) MCH\_2437MHz\_Ant1 (MIMO) NTN



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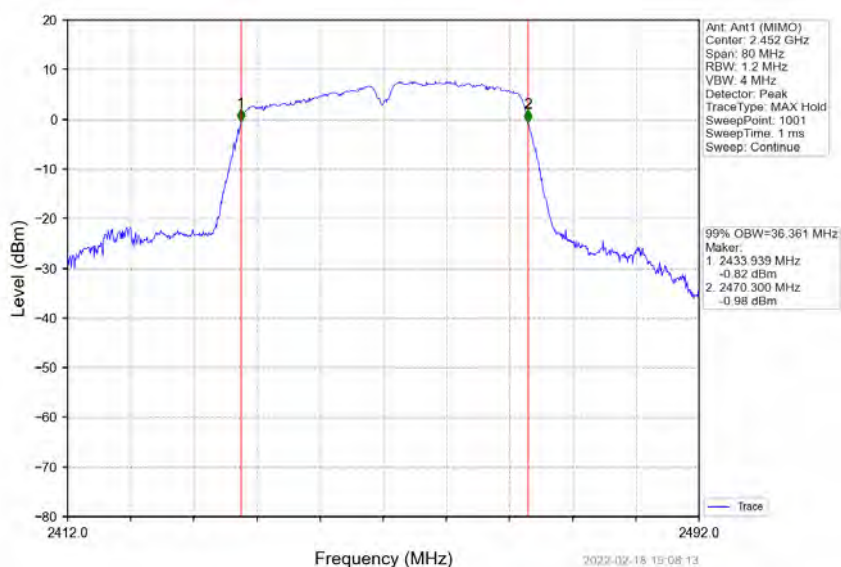
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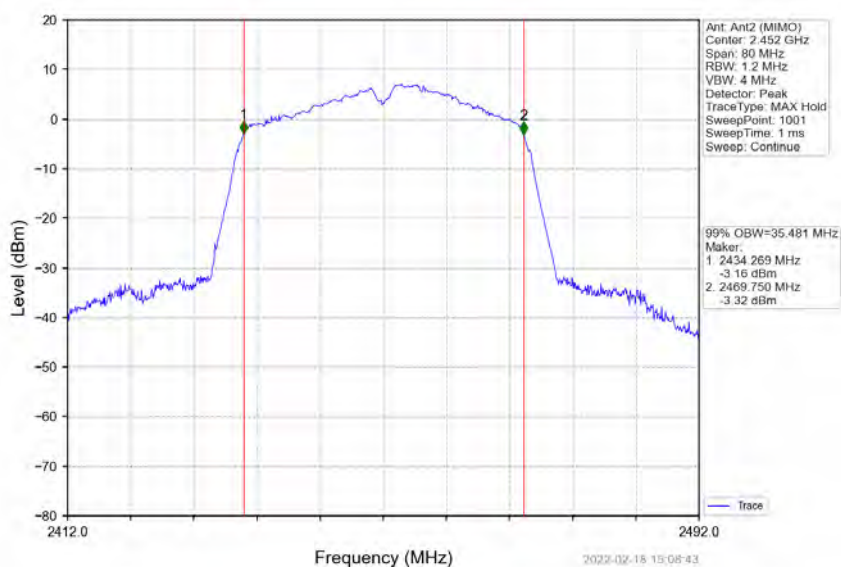
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802.11n(HT40) HCH 2452MHz\_Ant1 (MIMO) NTN



802.11n(HT40) HCH 2452MHz\_Ant2 (MIMO) NTN



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## 2.2 6dB BW

### 2.2.1 Test Result

| Mode           | TX Type | Frequency (MHz) | Ant | 6dB Bandwidth (MHz) |            | Verdict |
|----------------|---------|-----------------|-----|---------------------|------------|---------|
|                |         |                 |     | Result              | Limit      |         |
| 802.11b        | SISO    | 2412            | 1   | 9.570               | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 9.569               | $\geq 0.5$ | Pass    |
|                |         | 2437            | 1   | 10.084              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 9.617               | $\geq 0.5$ | Pass    |
|                |         | 2462            | 1   | 9.587               | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 9.128               | $\geq 0.5$ | Pass    |
| 802.11g        | SISO    | 2412            | 1   | 15.119              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 15.110              | $\geq 0.5$ | Pass    |
|                |         | 2437            | 1   | 15.168              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 15.147              | $\geq 0.5$ | Pass    |
|                |         | 2462            | 1   | 15.056              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 15.076              | $\geq 0.5$ | Pass    |
| 802.11n (HT20) | MIMO    | 2412            | 1   | 13.887              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 15.109              | $\geq 0.5$ | Pass    |
|                |         | 2437            | 1   | 15.168              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 15.718              | $\geq 0.5$ | Pass    |
|                |         | 2462            | 1   | 15.081              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 15.890              | $\geq 0.5$ | Pass    |
| 802.11n (HT40) | MIMO    | 2422            | 1   | 26.357              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 32.608              | $\geq 0.5$ | Pass    |
|                |         | 2437            | 1   | 35.459              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 35.788              | $\geq 0.5$ | Pass    |
|                |         | 2452            | 1   | 35.133              | $\geq 0.5$ | Pass    |
|                |         |                 | 2   | 22.579              | $\geq 0.5$ | Pass    |



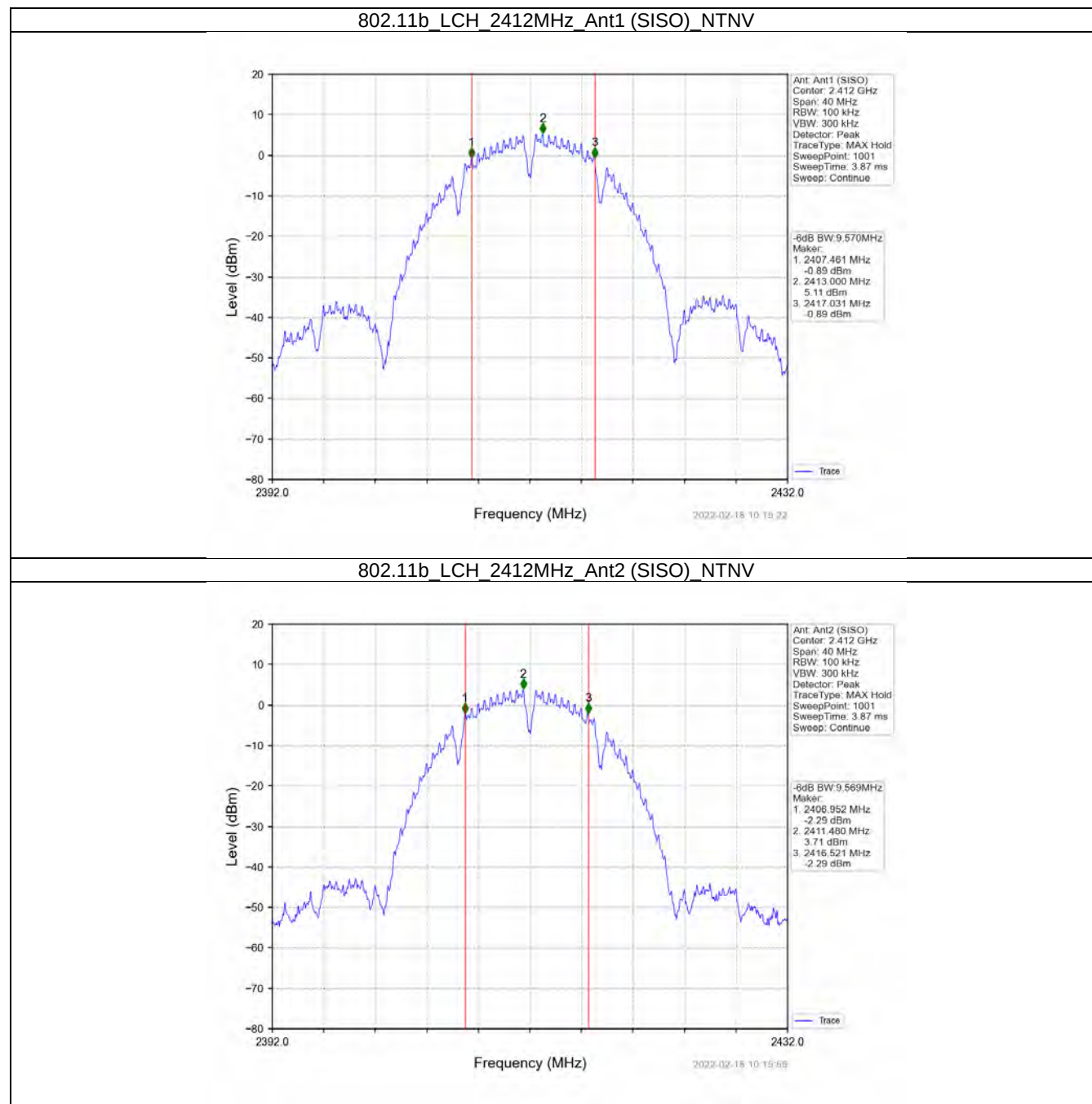
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## 2.2.2 Test Graph



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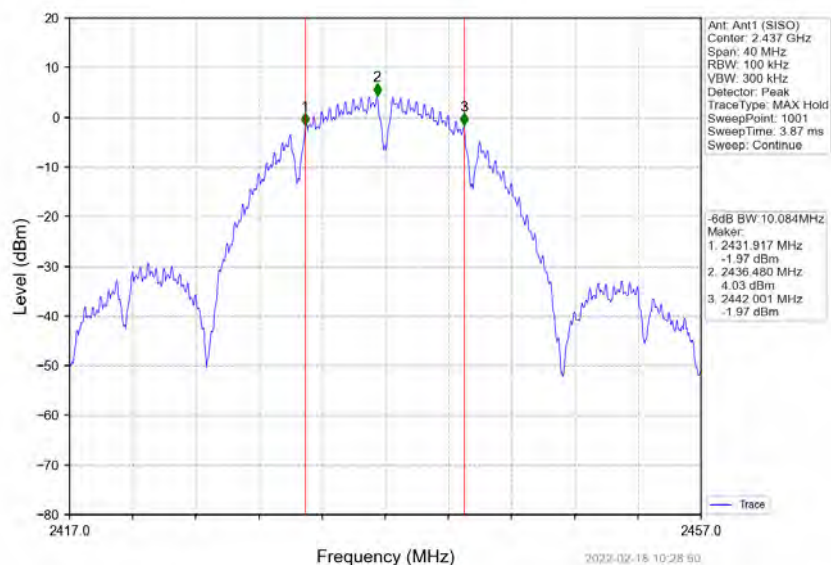
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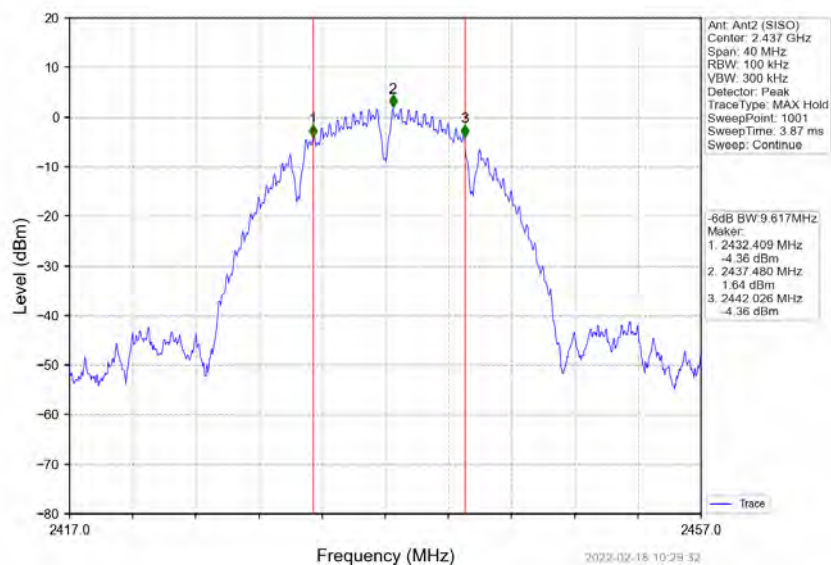
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802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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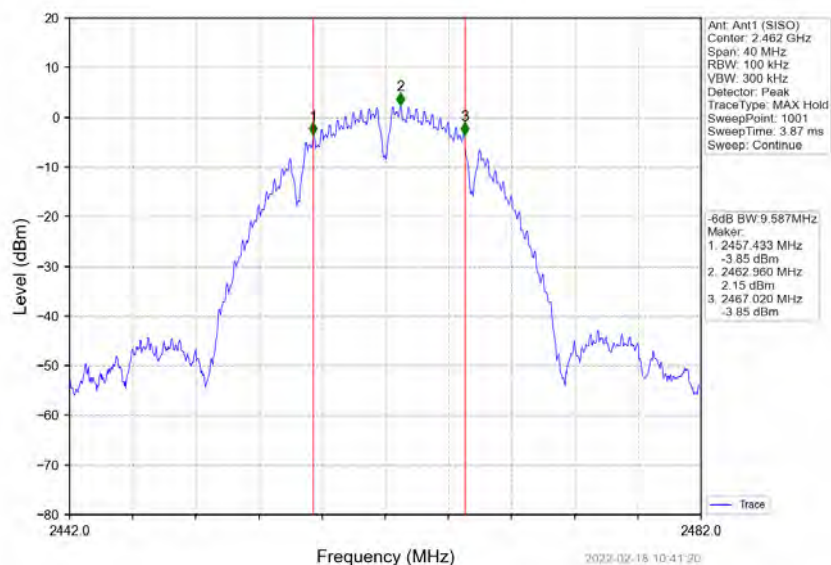
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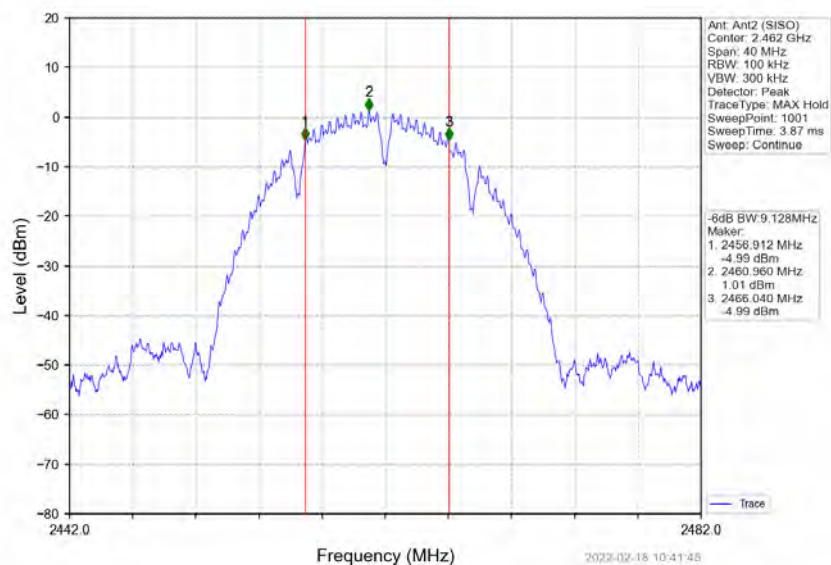
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802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



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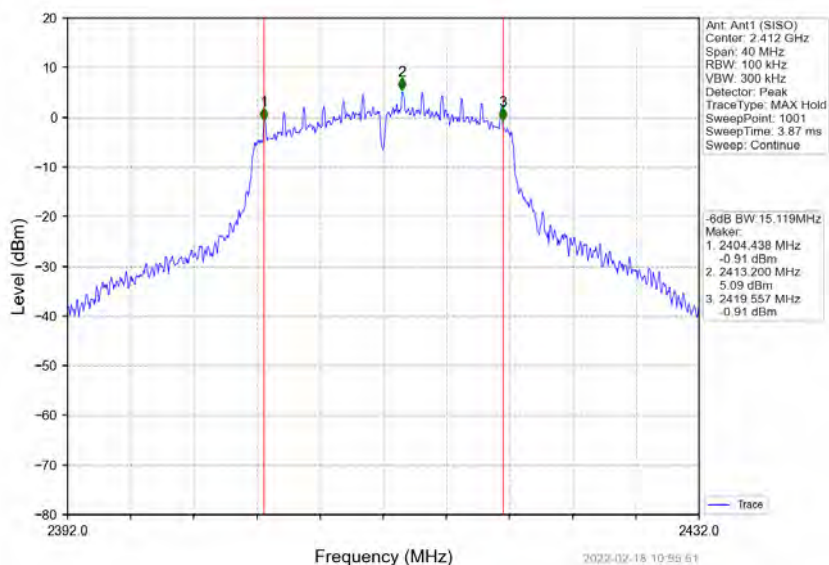
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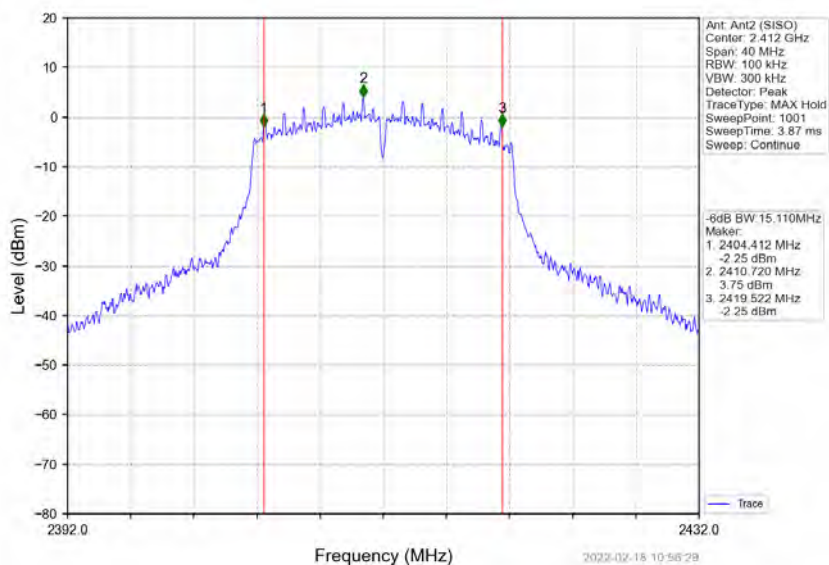
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802.11g LCH 2412MHz\_Ant1 (SISO)\_NTNV



802.11g LCH 2412MHz\_Ant2 (SISO)\_NTNV



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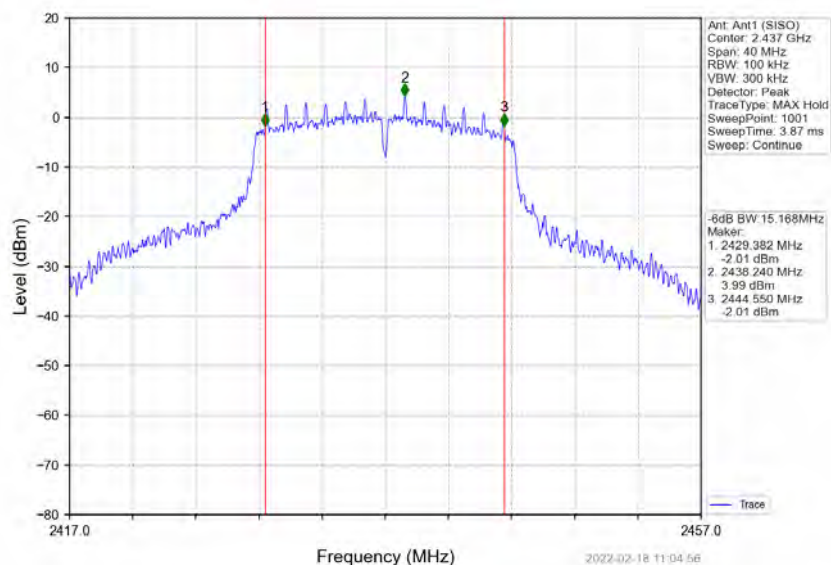
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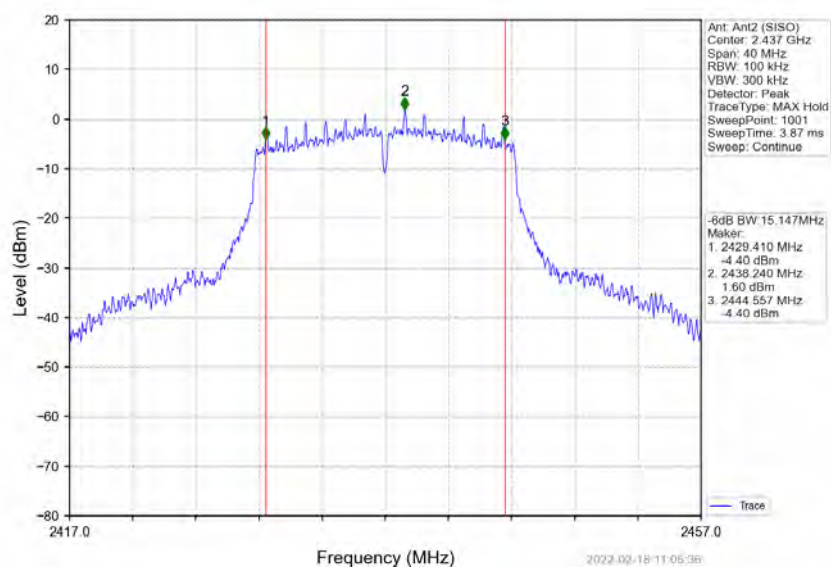
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802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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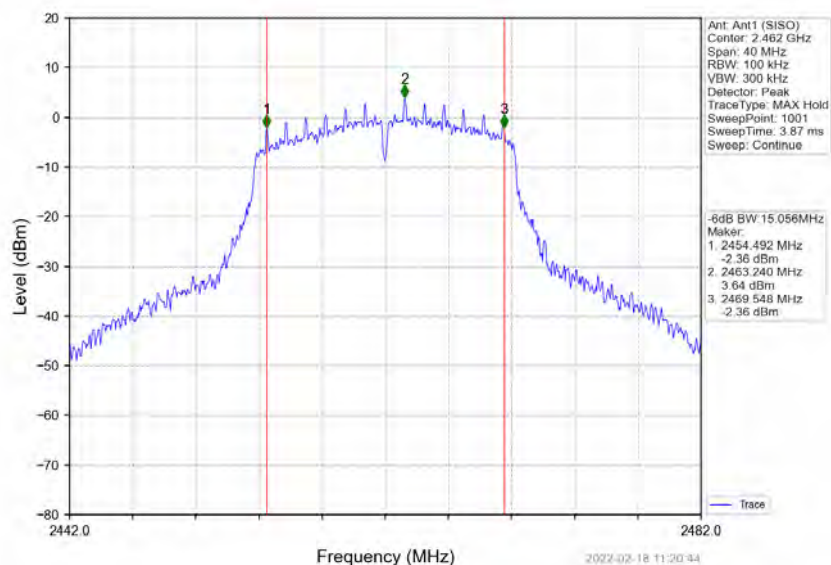
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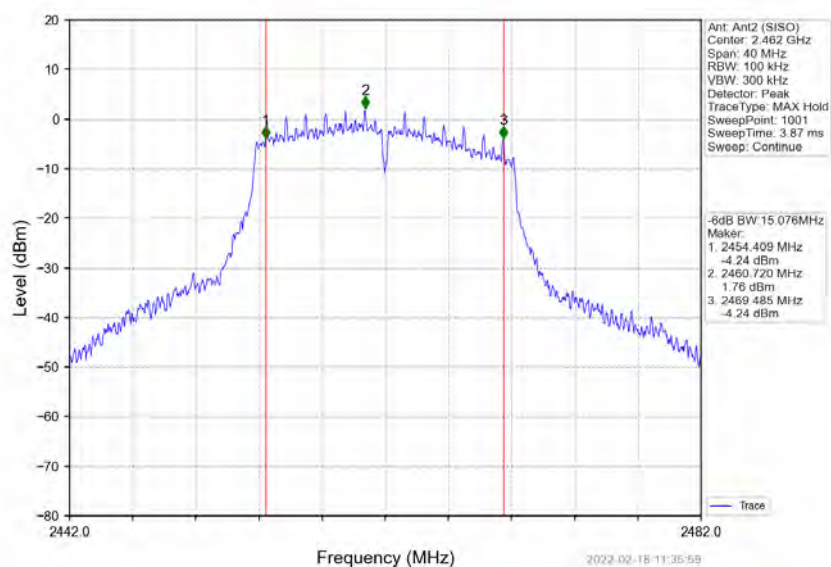
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802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



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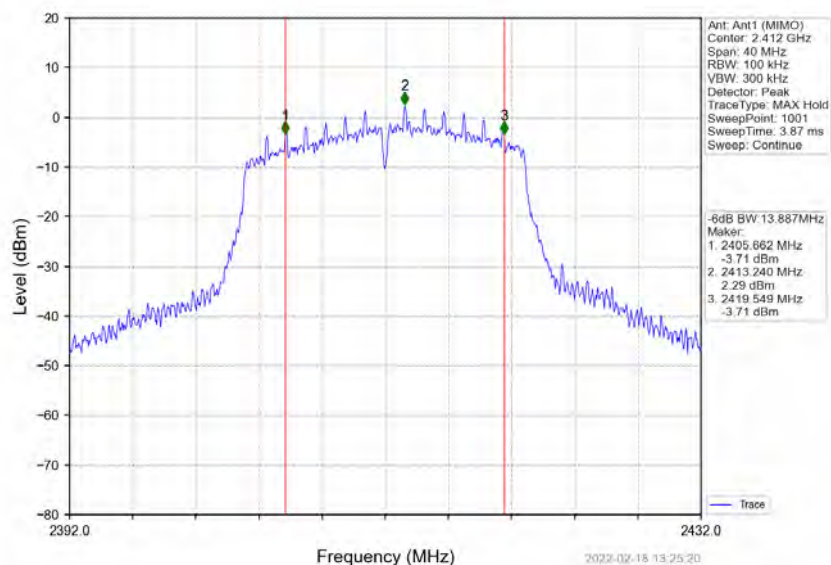
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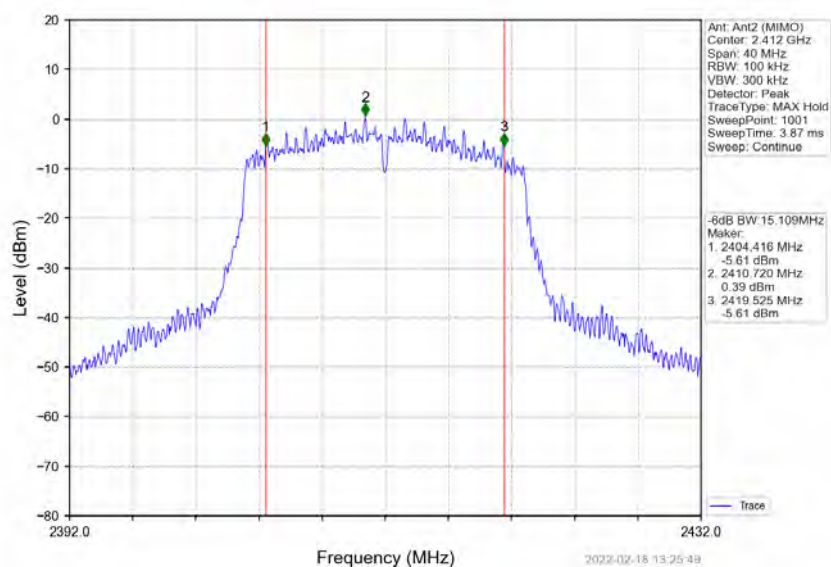
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802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



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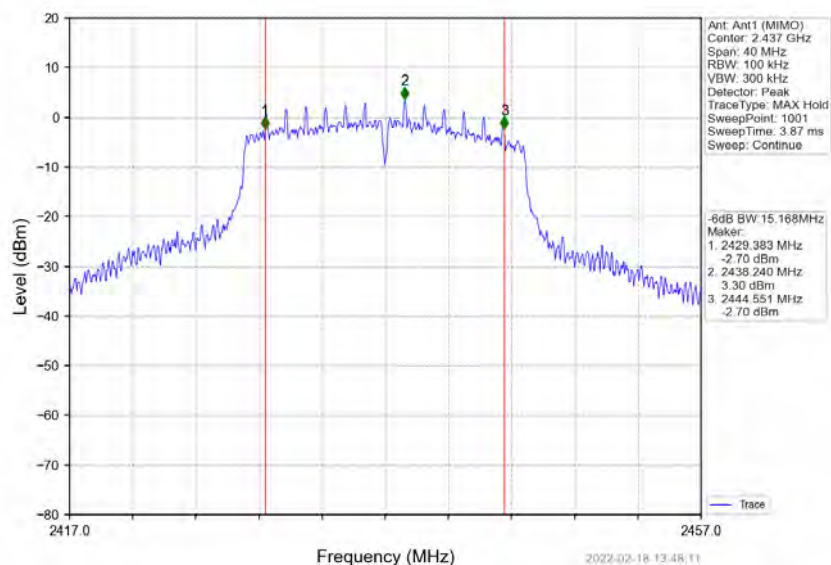
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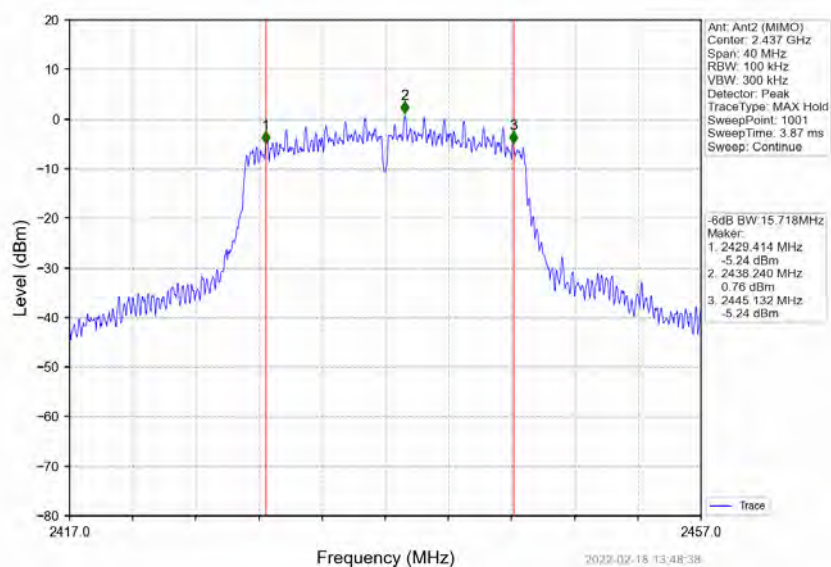
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802.11n(HT20) MCH\_2437MHz\_Ant1 (MIMO) NTN



802.11n(HT20) MCH\_2437MHz\_Ant2 (MIMO) NTN



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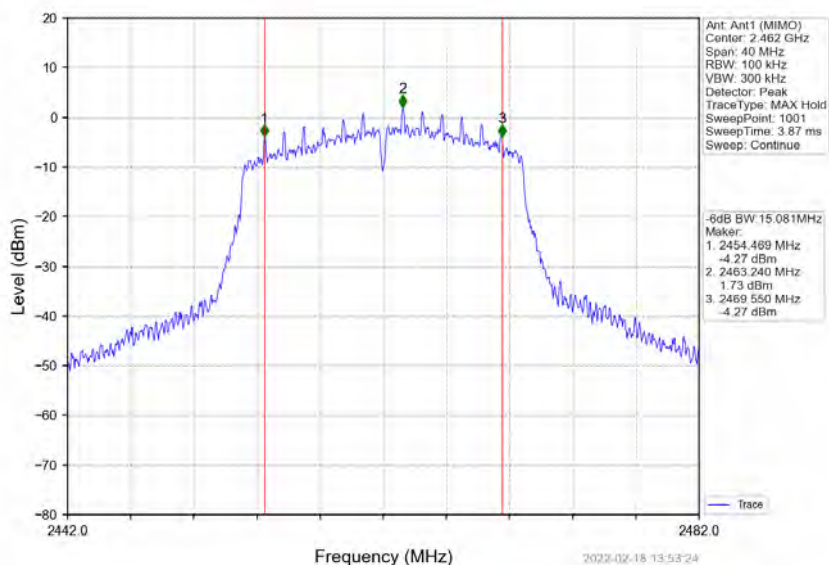
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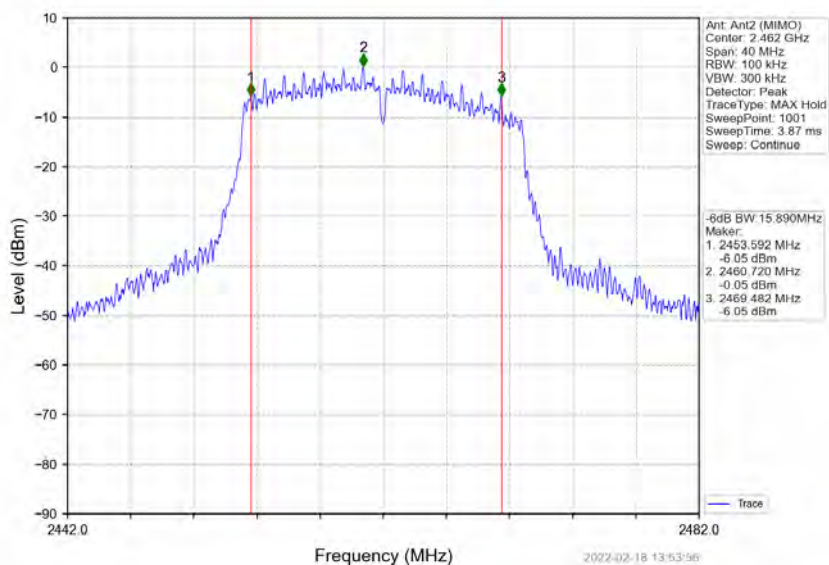
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802.11n(HT20) HCH 2462MHz\_Ant1 (MIMO) NTN



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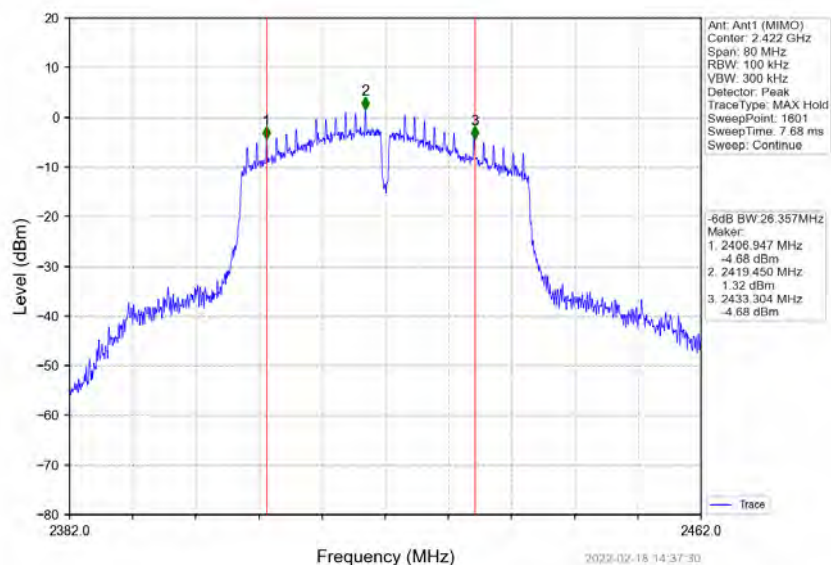
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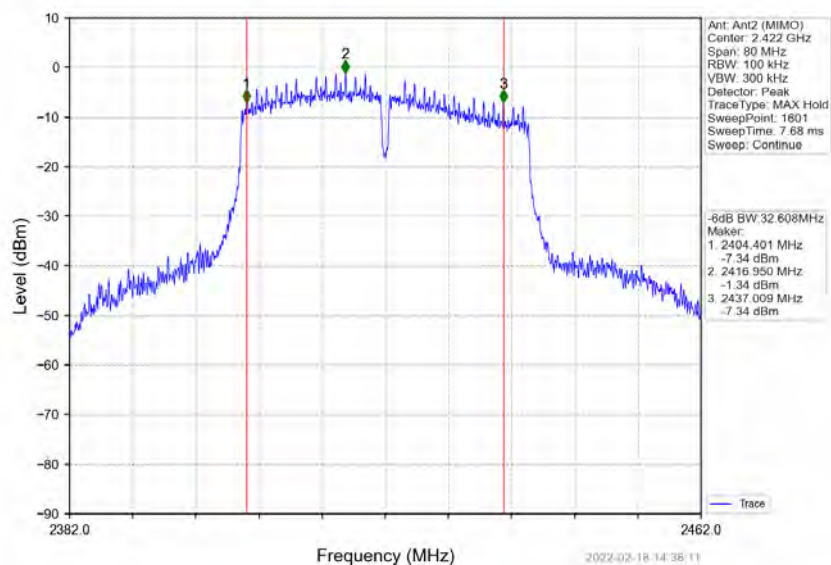
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802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO) NTN



802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO) NTN



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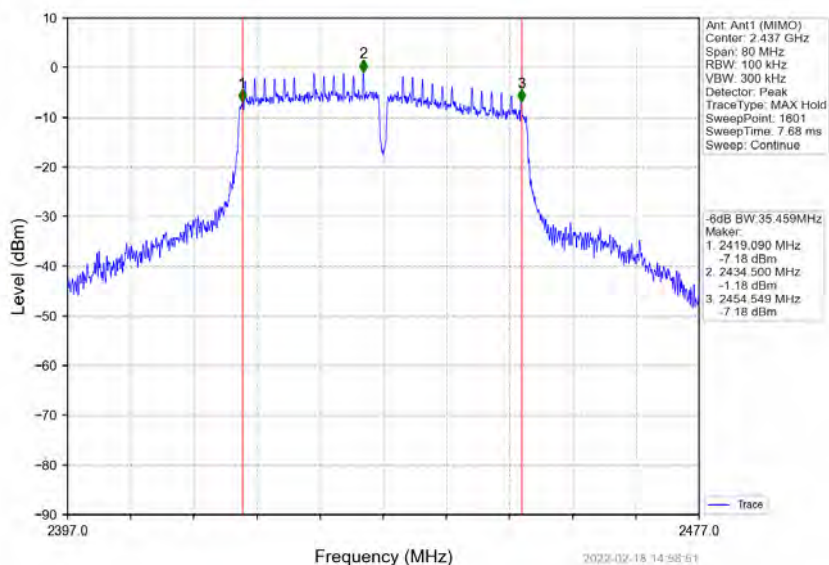
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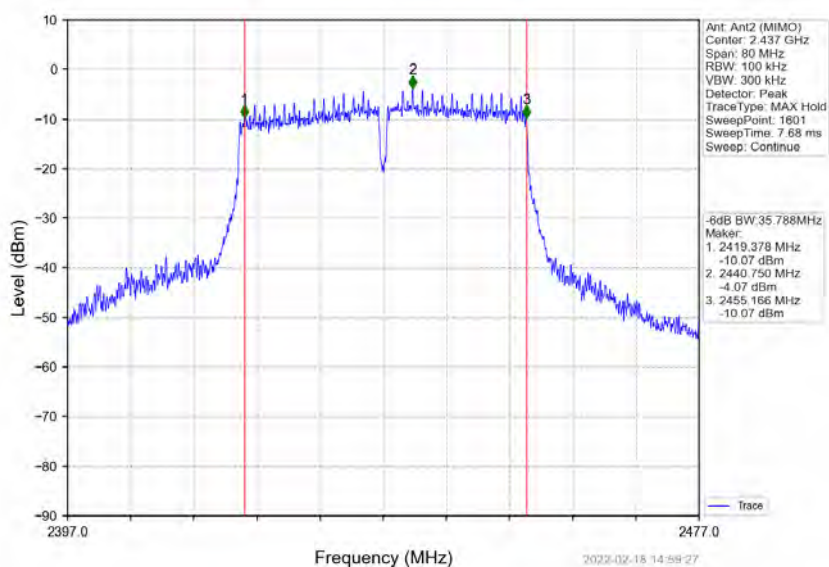
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802.11n(HT40) MCH\_2437MHz\_Ant1 (MIMO) NTVN



802.11n(HT40) MCH\_2437MHz\_Ant2 (MIMO) NTVN



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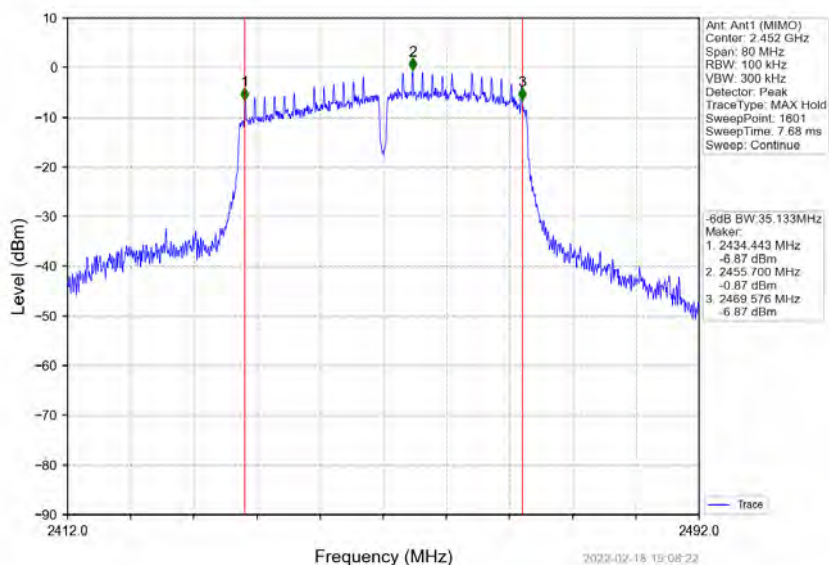
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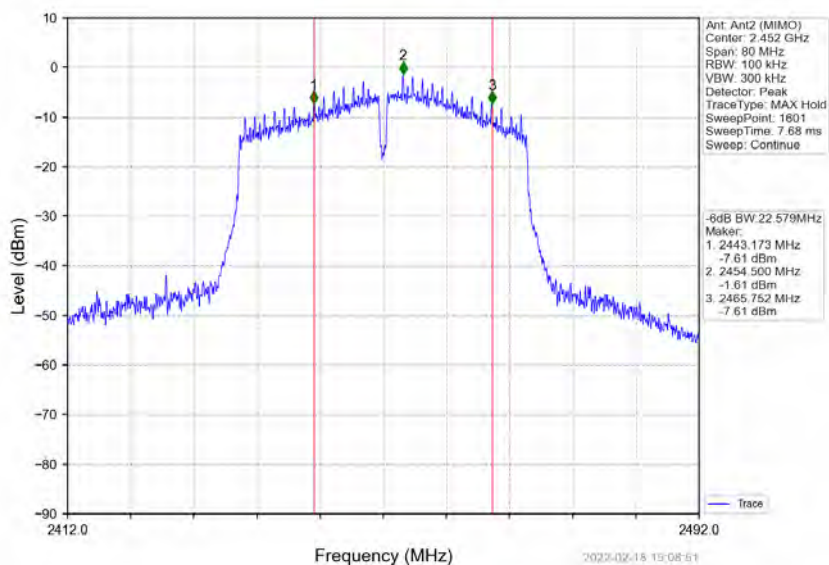
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802.11n(HT40) HCH 2452MHz\_Ant1 (MIMO) NTN



802.11n(HT40) HCH 2452MHz\_Ant2 (MIMO) NTN



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### 3. Maximum Conducted Output Power

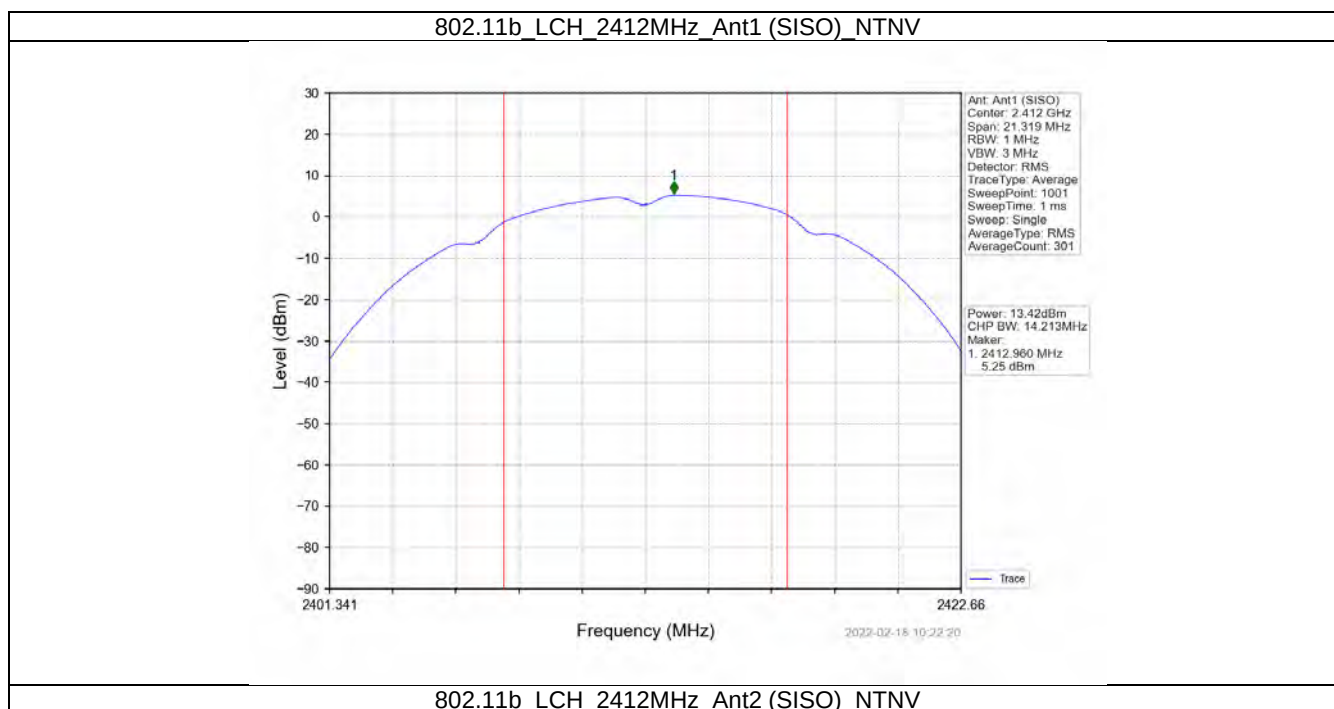
#### 3.1 Power

##### 3.1.1 Test Result

| Mode           | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) |       |       |       | Verdict |
|----------------|---------|-----------------|----------------------------------------------|-------|-------|-------|---------|
|                |         |                 | Ant1                                         | Ant2  | MIMO  | Limit |         |
| 802.11b        | SISO    | 2412            | 13.42                                        | 13.37 | /     | <=30  | Pass    |
|                |         | 2437            | 13.74                                        | 13.14 | /     | <=30  | Pass    |
|                |         | 2462            | 13.53                                        | 13.76 | /     | <=30  | Pass    |
| 802.11g        | SISO    | 2412            | 13.63                                        | 13.28 | /     | <=30  | Pass    |
|                |         | 2437            | 13.79                                        | 13.40 | /     | <=30  | Pass    |
|                |         | 2462            | 13.36                                        | 13.15 | /     | <=30  | Pass    |
| 802.11n (HT20) | MIMO    | 2412            | 11.39                                        | 9.95  | 13.74 | <=30  | Pass    |
|                |         | 2437            | 12.97                                        | 10.68 | 14.98 | <=30  | Pass    |
|                |         | 2462            | 10.87                                        | 9.81  | 13.38 | <=30  | Pass    |
| 802.11n (HT40) | MIMO    | 2422            | 12.76                                        | 10.90 | 14.94 | <=30  | Pass    |
|                |         | 2437            | 11.93                                        | 9.24  | 13.80 | <=30  | Pass    |
|                |         | 2452            | 11.85                                        | 9.53  | 13.85 | <=30  | Pass    |

Note1: Antenna Gain: Ant1: 2.27dBi; Ant2: 1.82dBi;  
Note2: Directional Gain: 5.06dBi.

##### 3.1.2 Test Graph



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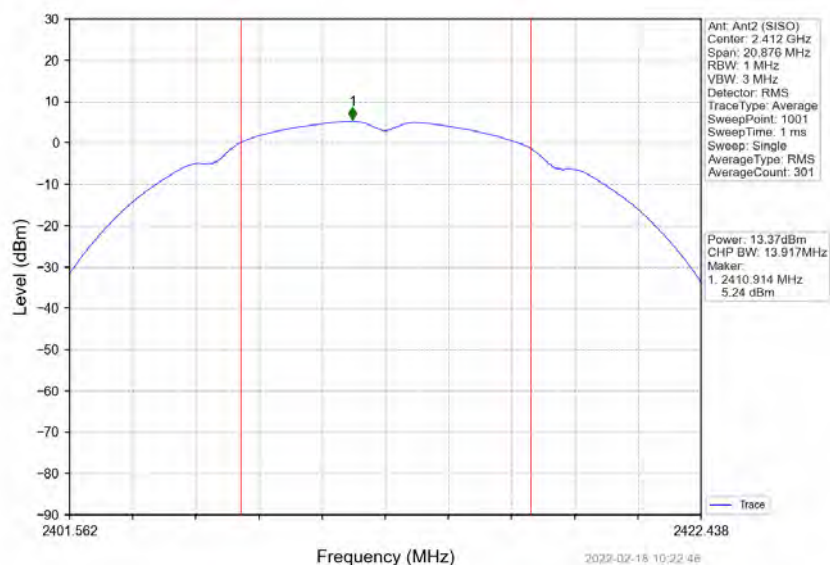
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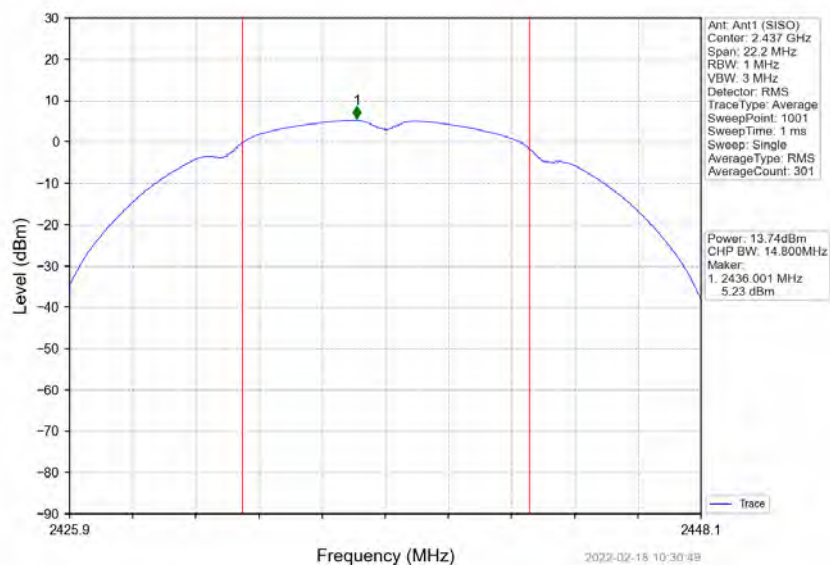
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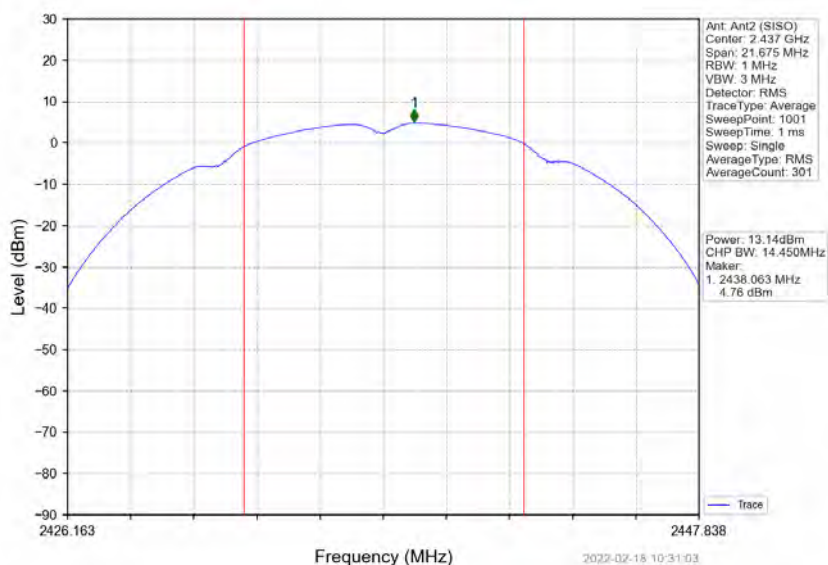
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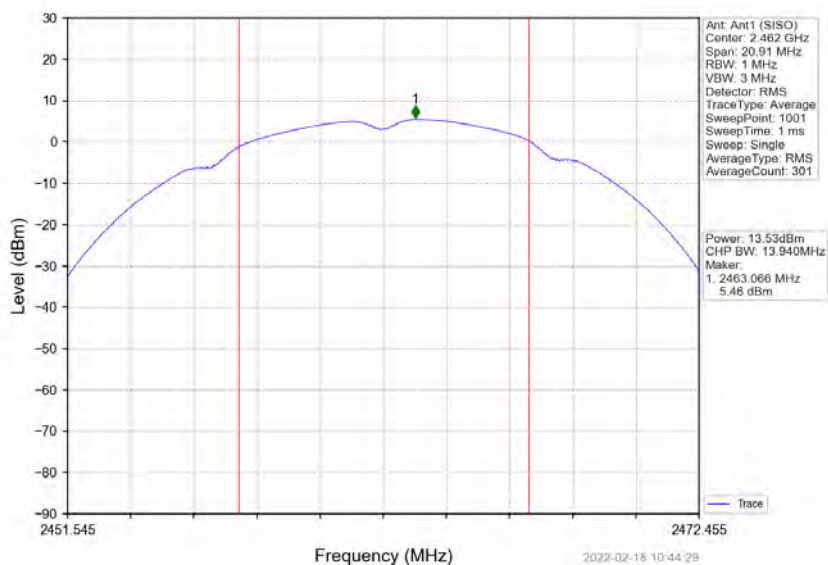
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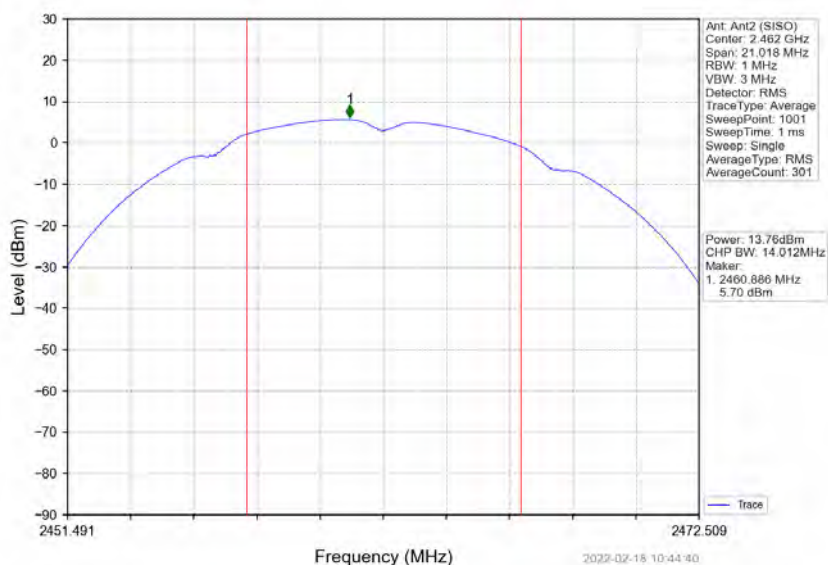
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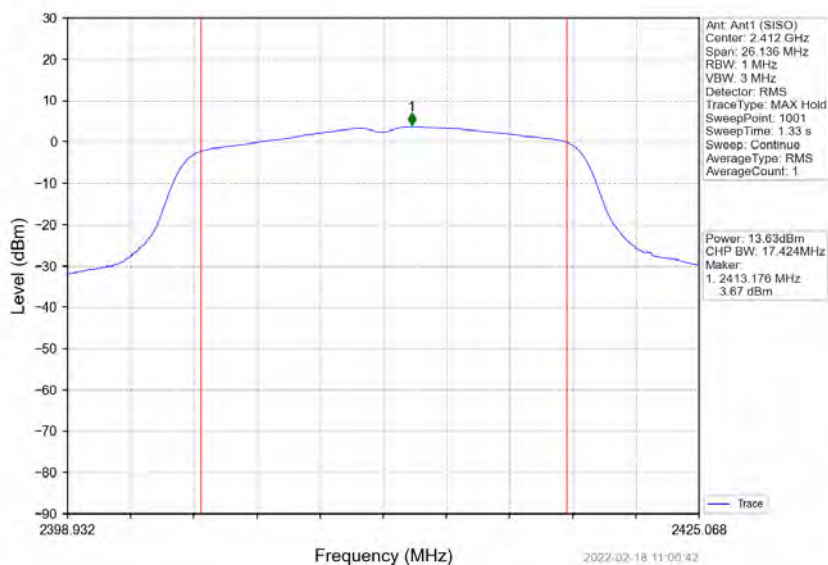
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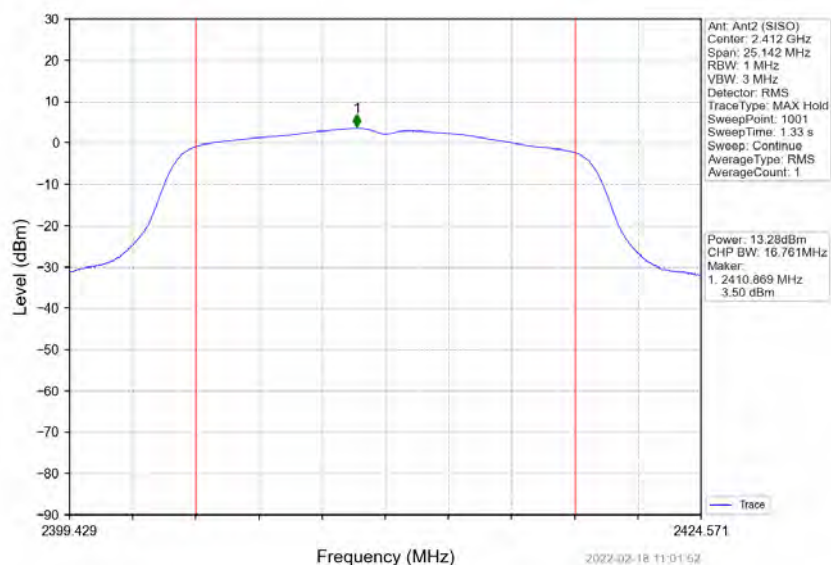
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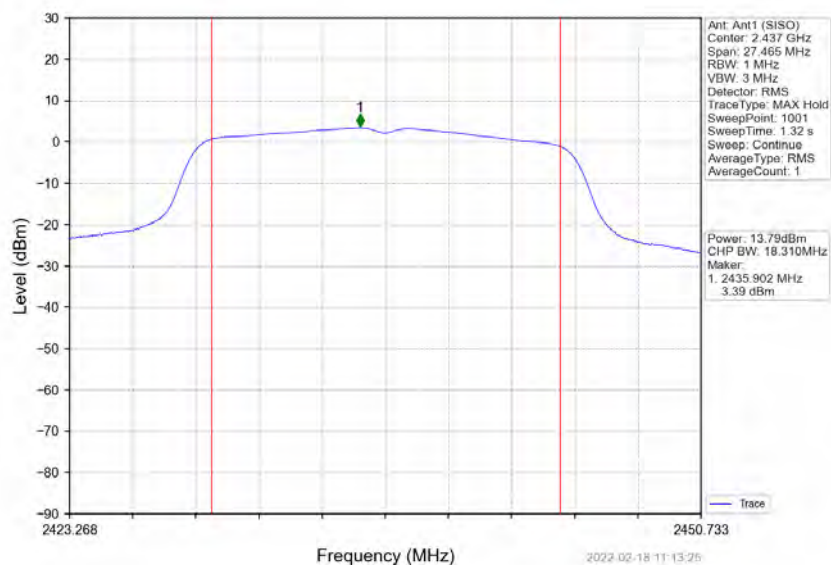
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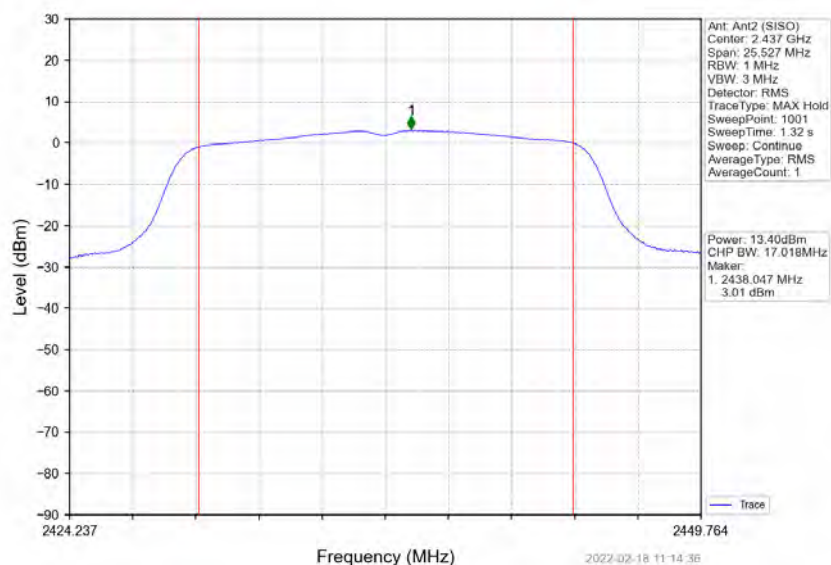
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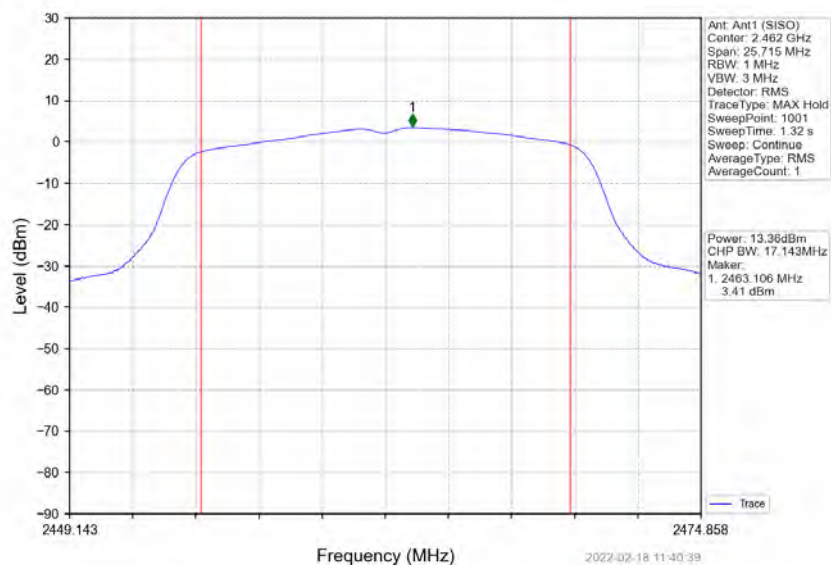
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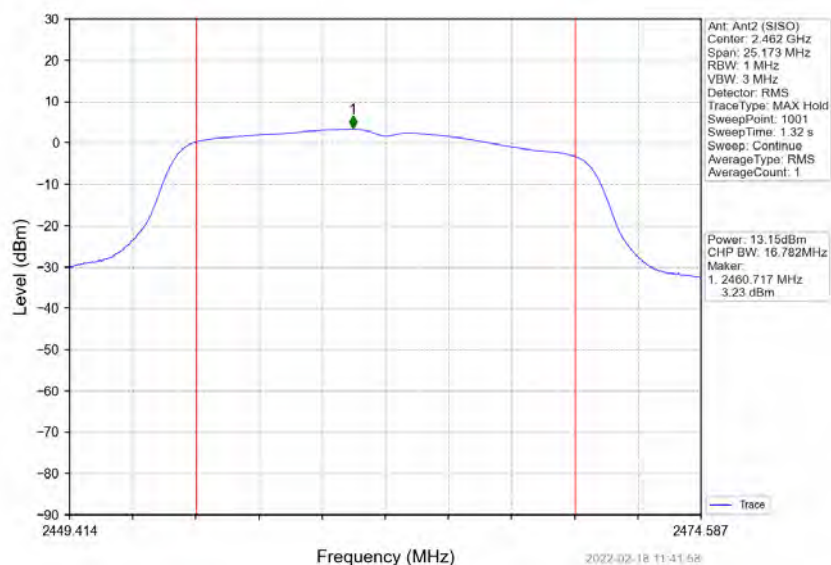
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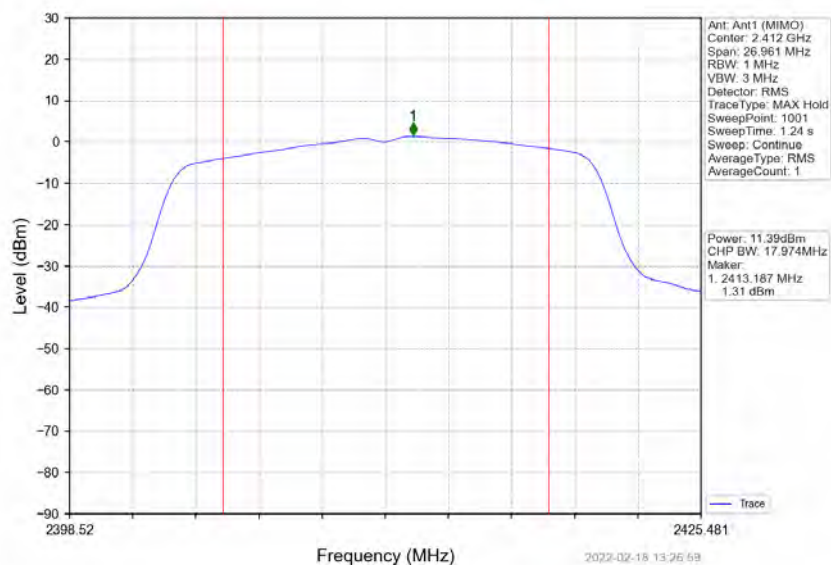
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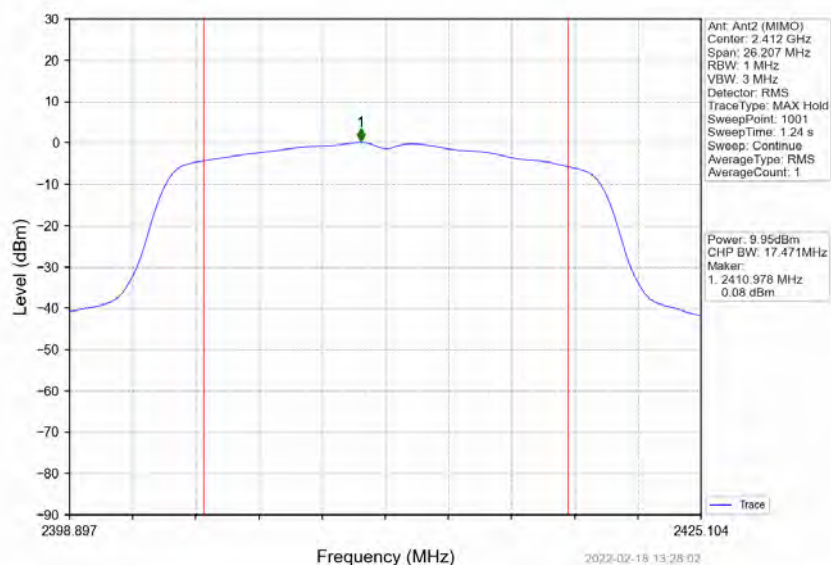
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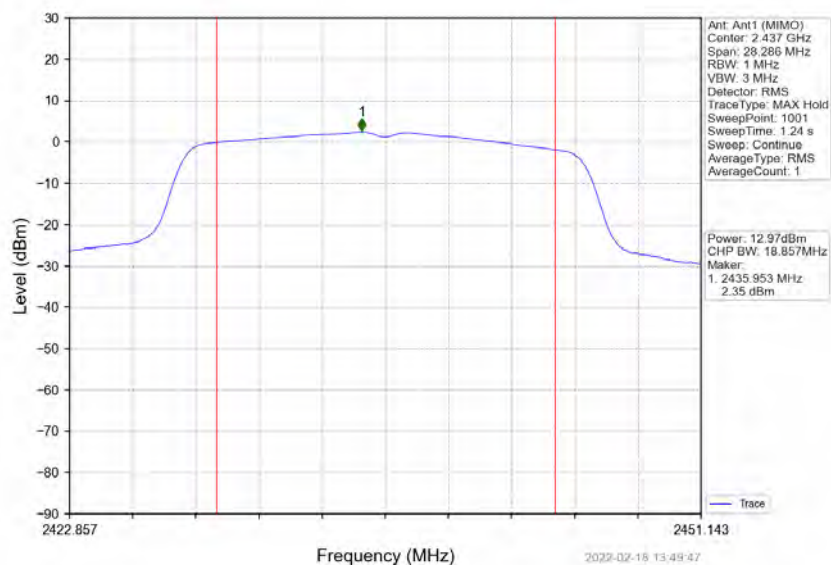
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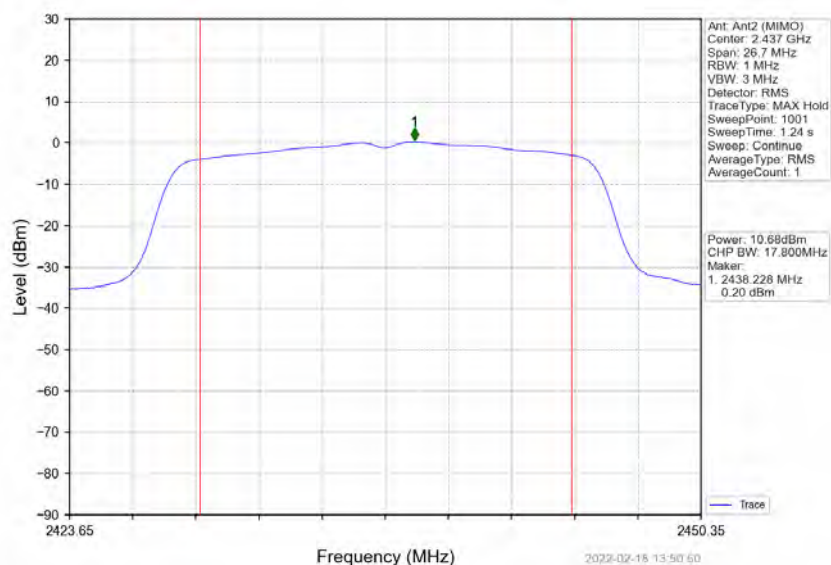
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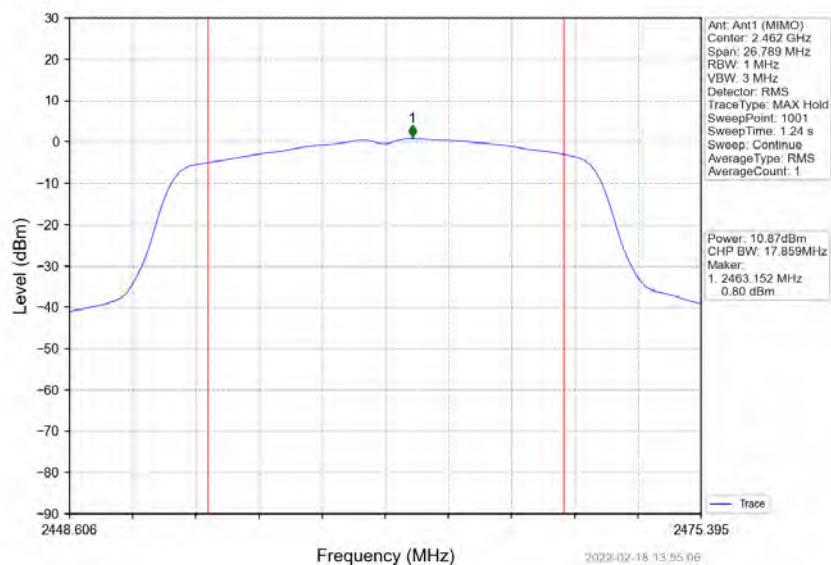
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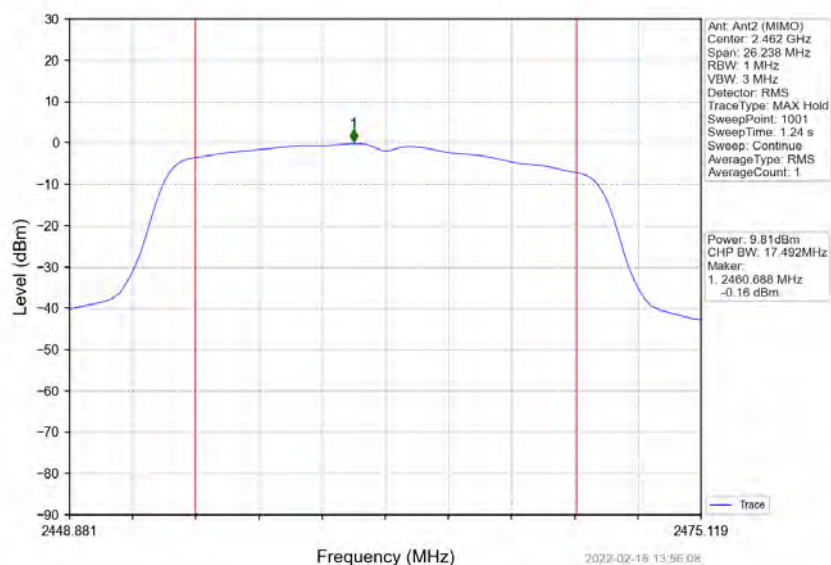
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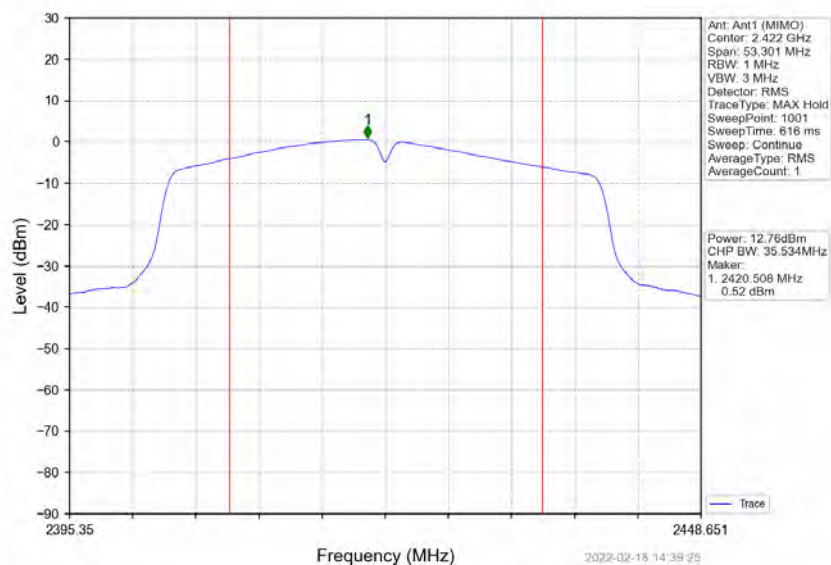
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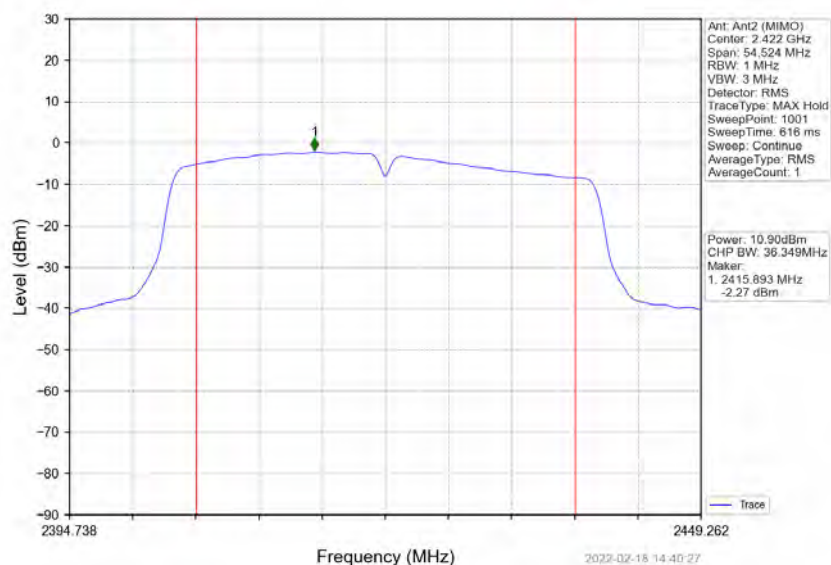
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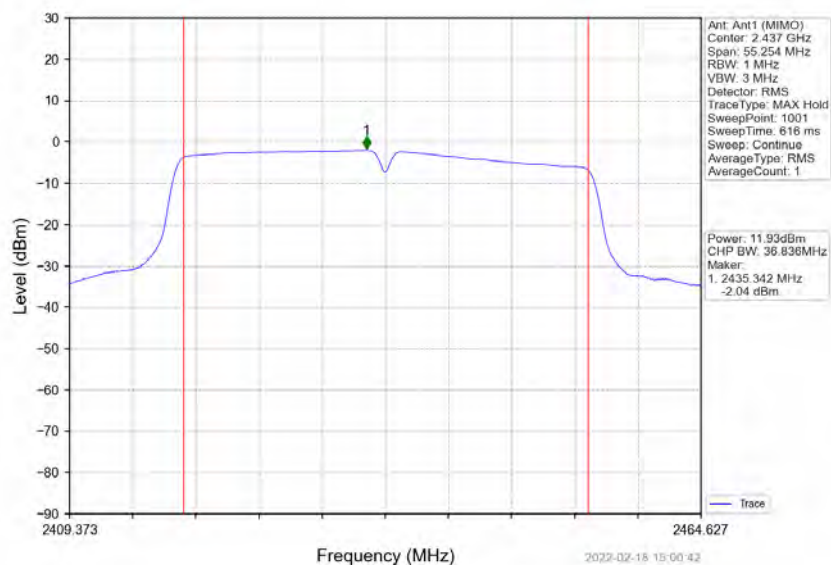
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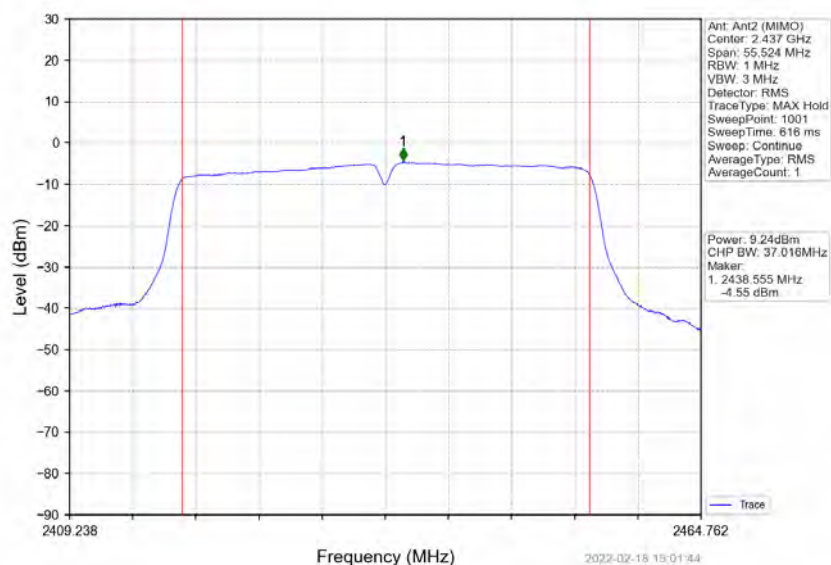
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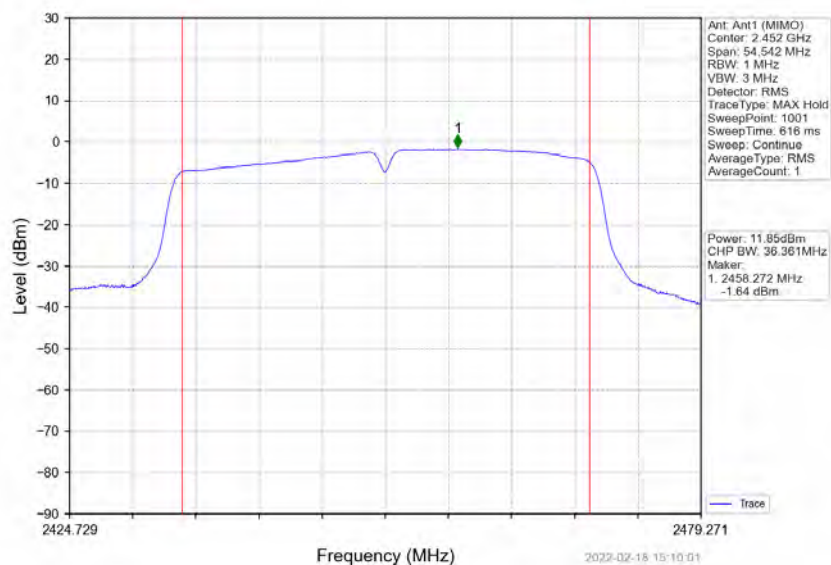
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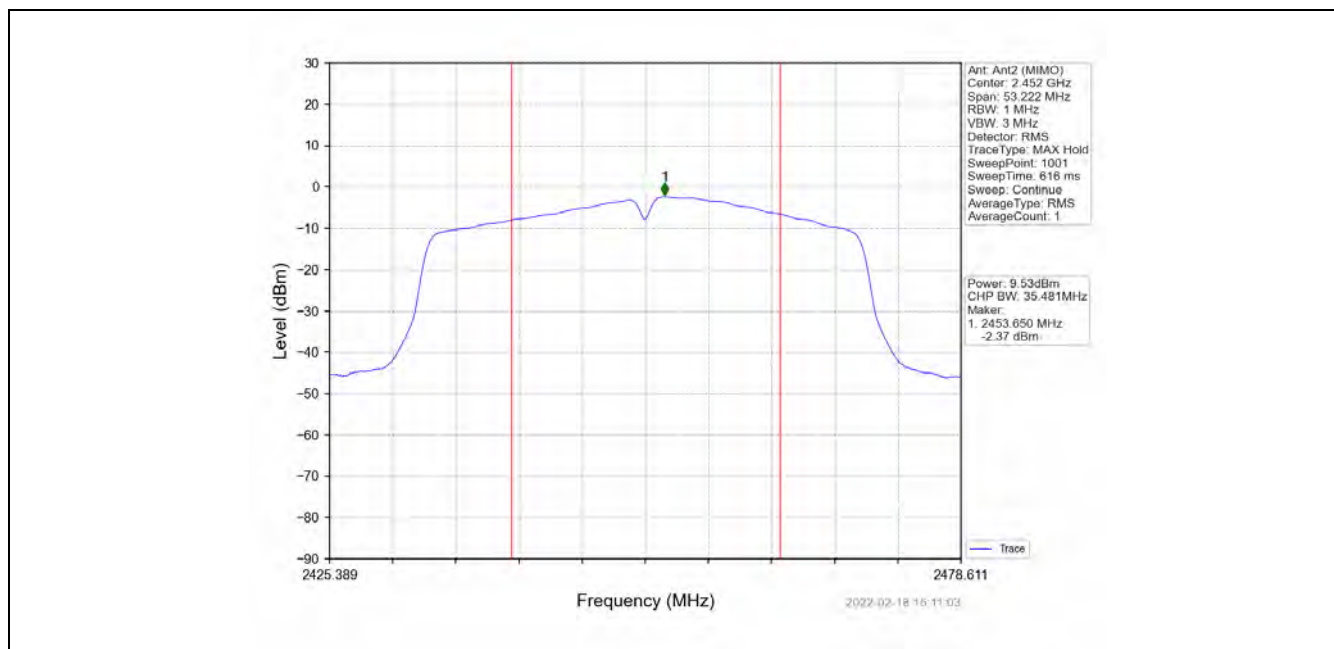
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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

| Mode           | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |        |        |       | Verdict |
|----------------|---------|-----------------|------------------------|--------|--------|-------|---------|
|                |         |                 | Ant1                   | Ant2   | MIMO   | Limit |         |
| 802.11b        | SISO    | 2412            | 2.45                   | -3.03  | /      | <=8   | Pass    |
|                |         | 2437            | -11.10                 | -10.96 | /      | <=8   | Pass    |
|                |         | 2462            | 2.82                   | -12.88 | /      | <=8   | Pass    |
| 802.11g        | SISO    | 2412            | -10.69                 | -10.79 | /      | <=8   | Pass    |
|                |         | 2437            | -11.86                 | -13.65 | /      | <=8   | Pass    |
|                |         | 2462            | -11.98                 | -12.94 | /      | <=8   | Pass    |
| 802.11n (HT20) | MIMO    | 2412            | -14.10                 | -15.56 | -12.50 | <=8   | Pass    |
|                |         | 2437            | -12.77                 | -16.15 | -11.62 | <=8   | Pass    |
|                |         | 2462            | -14.75                 | -15.64 | -13.18 | <=8   | Pass    |
| 802.11n (HT40) | MIMO    | 2422            | -13.68                 | -17.04 | -12.54 | <=8   | Pass    |
|                |         | 2437            | -17.49                 | -19.50 | -16.43 | <=8   | Pass    |
|                |         | 2452            | -16.73                 | -17.85 | -15.18 | <=8   | Pass    |

Note1: Antenna Gain: Ant1: 2.27dBi; Ant2: 1.82dBi;  
Note2: Directional Gain: 5.06dBi.



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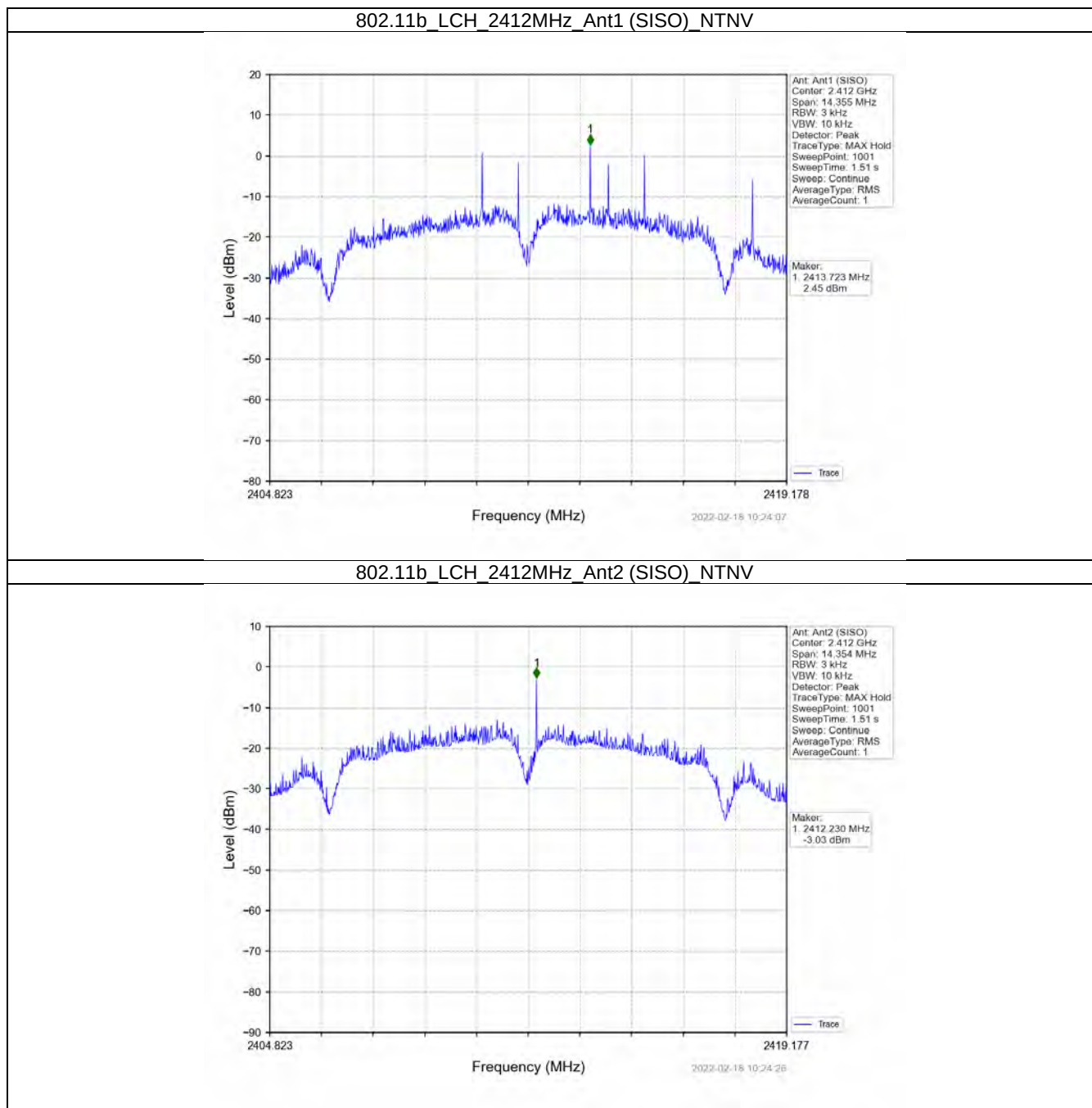
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### 4.1.2 Test Graph



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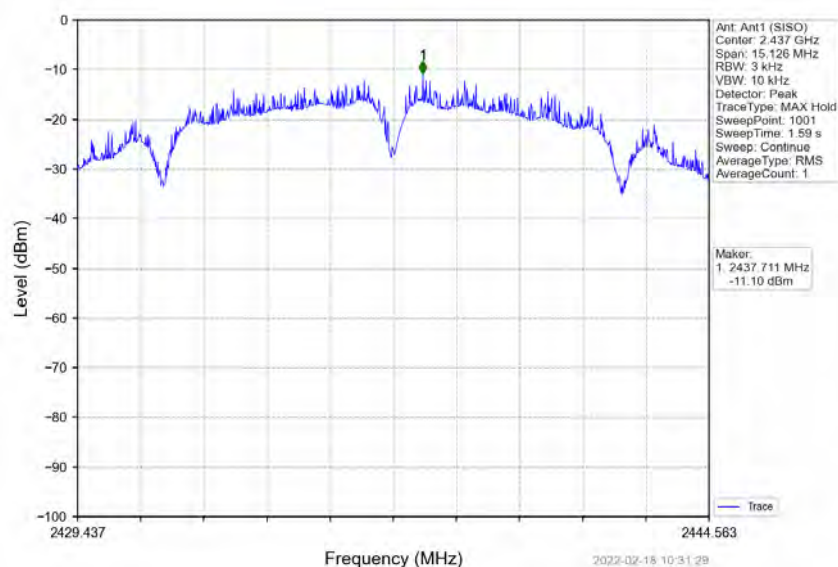
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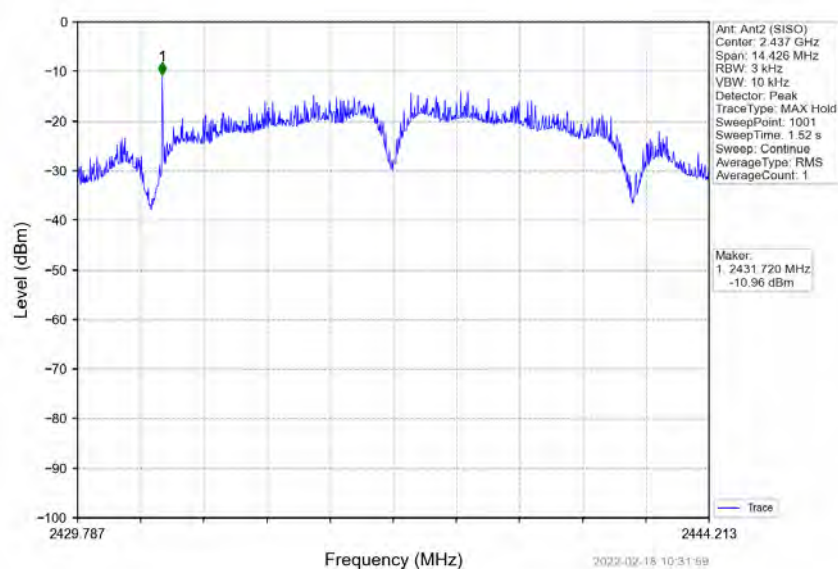
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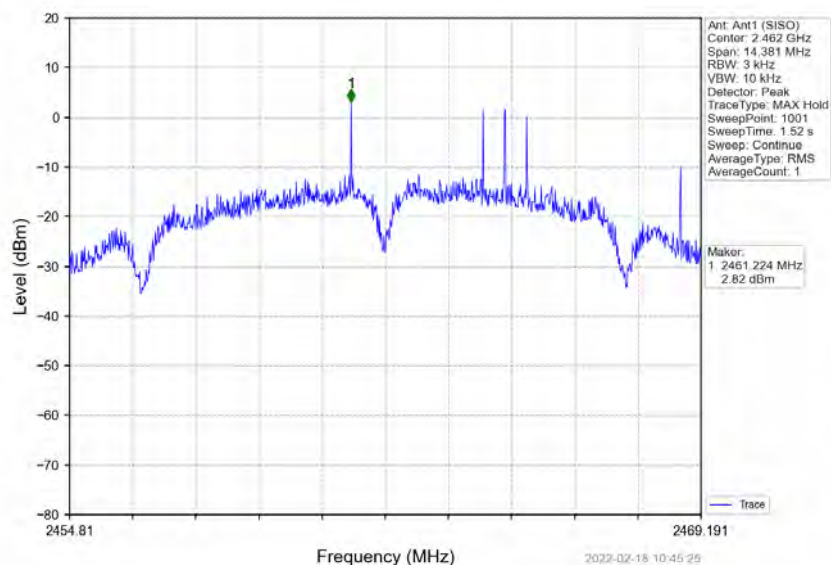
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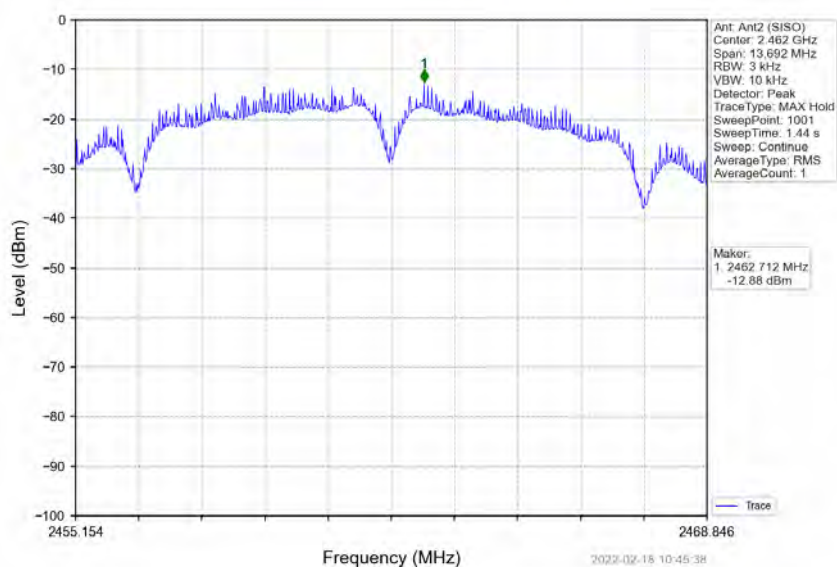
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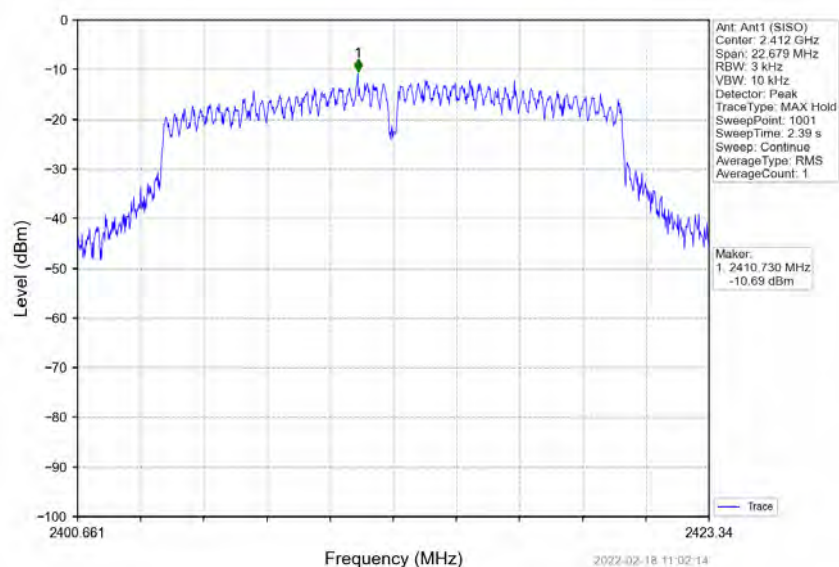
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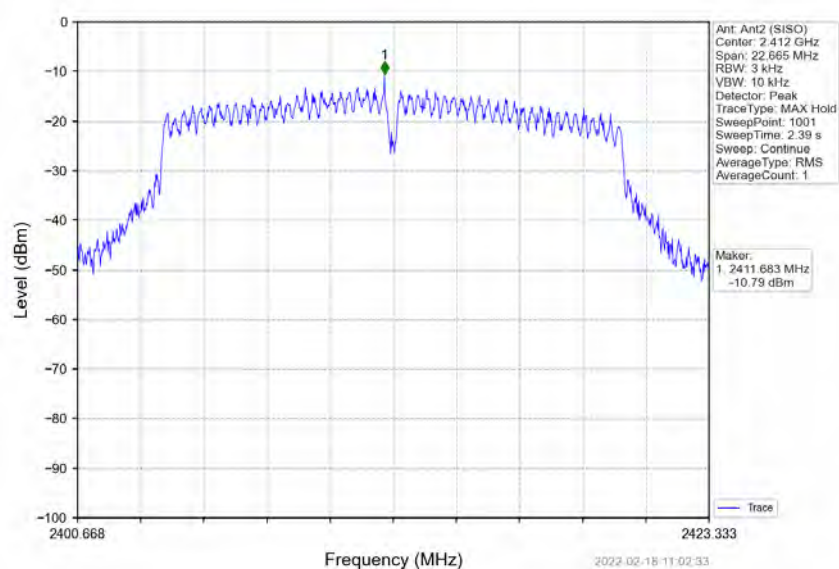
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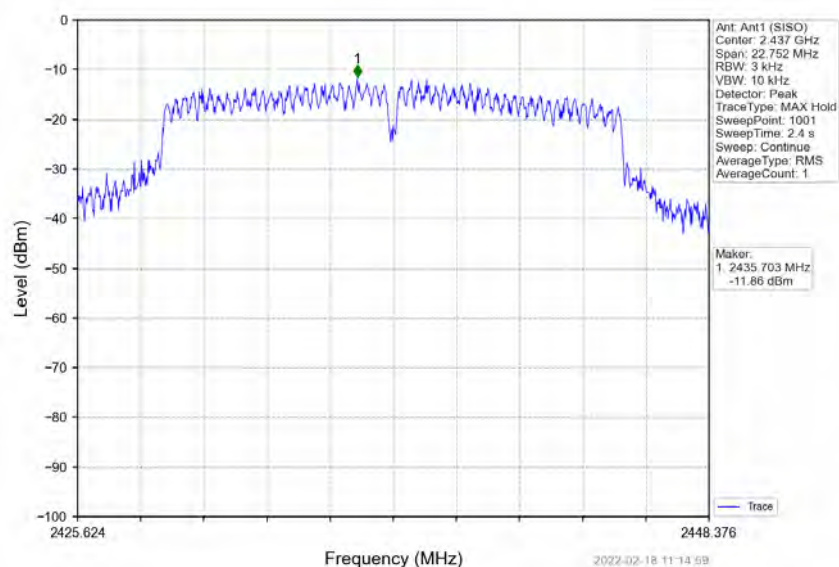
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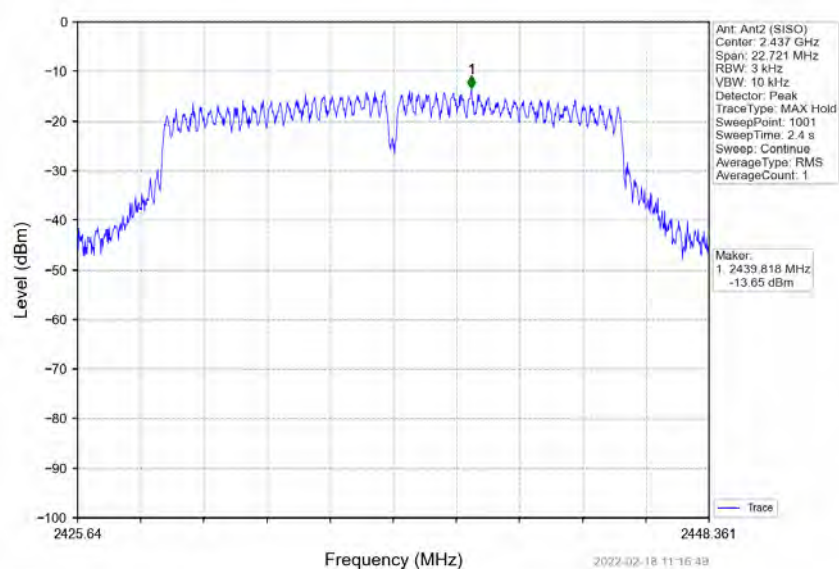
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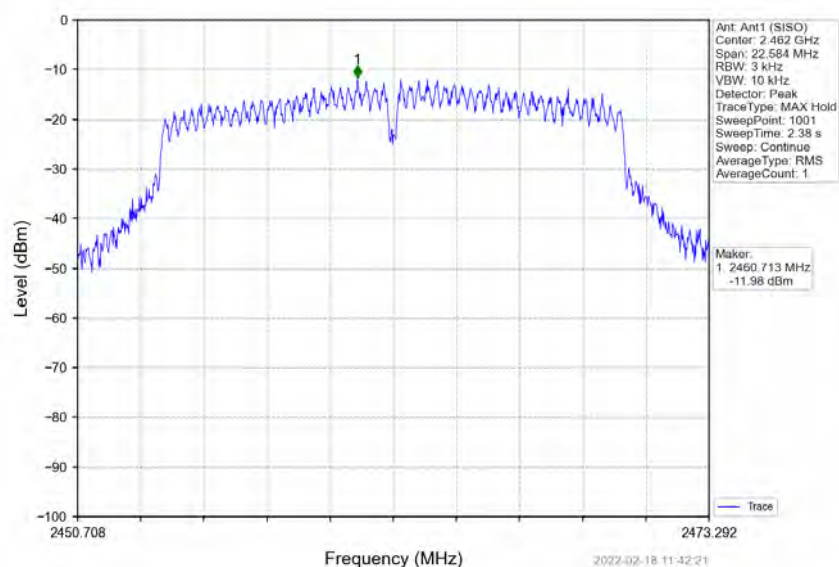
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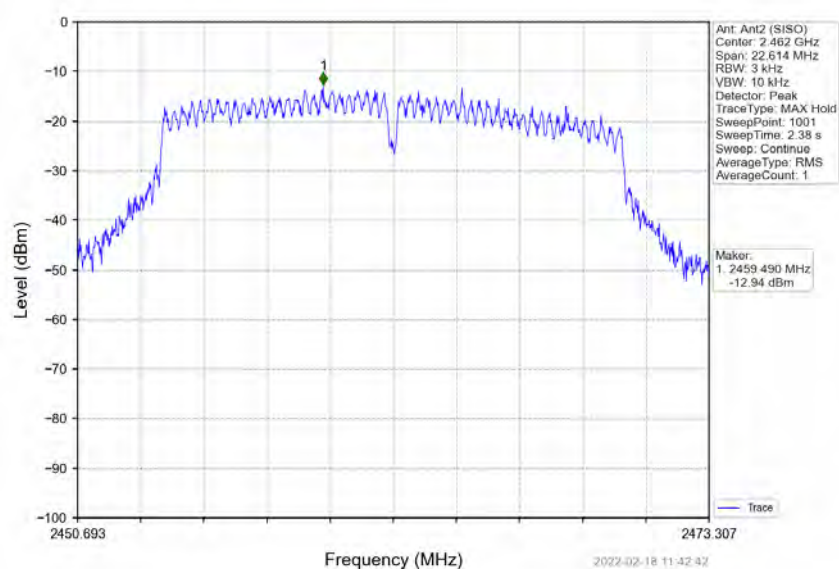
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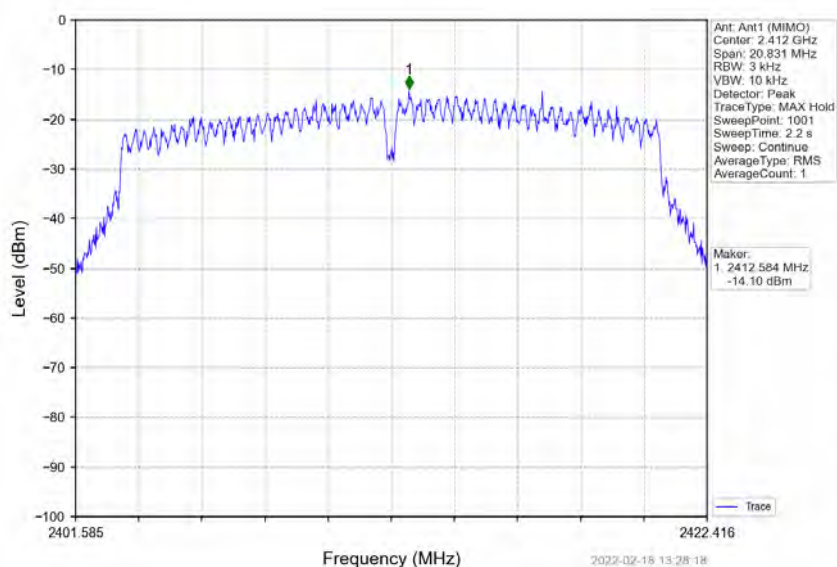
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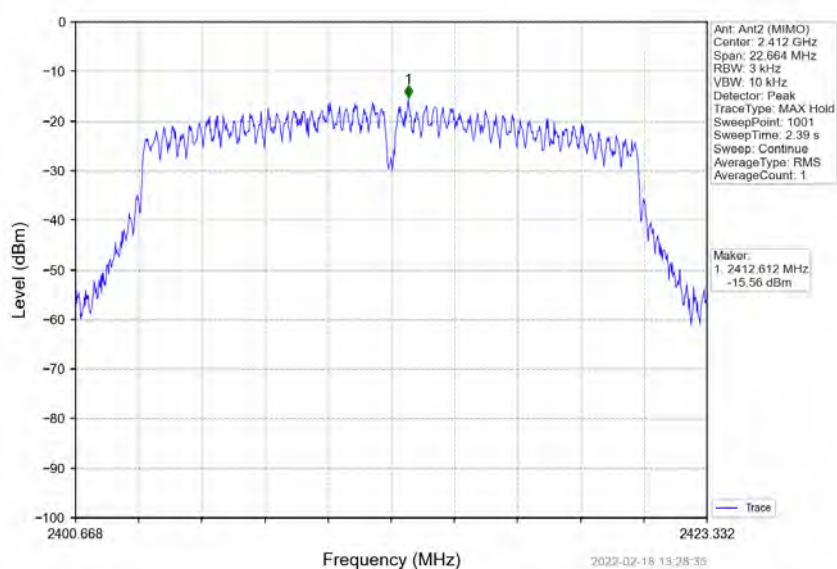
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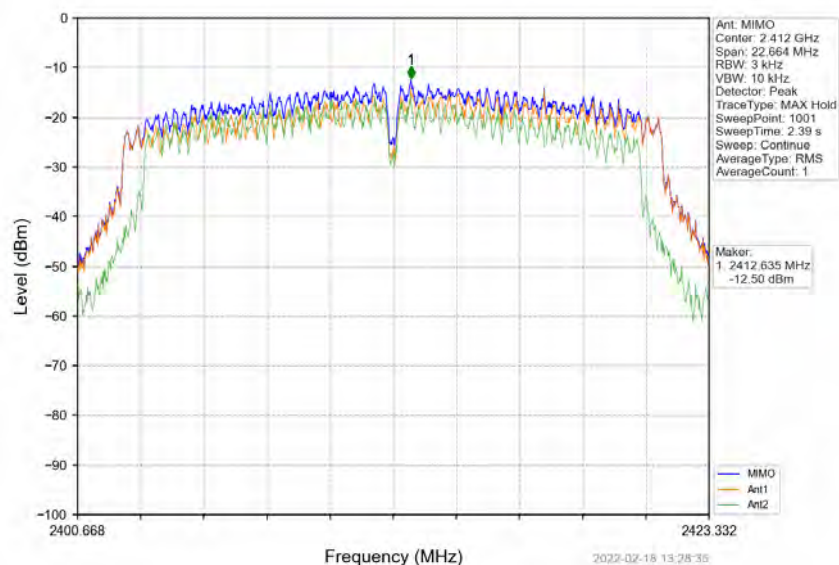
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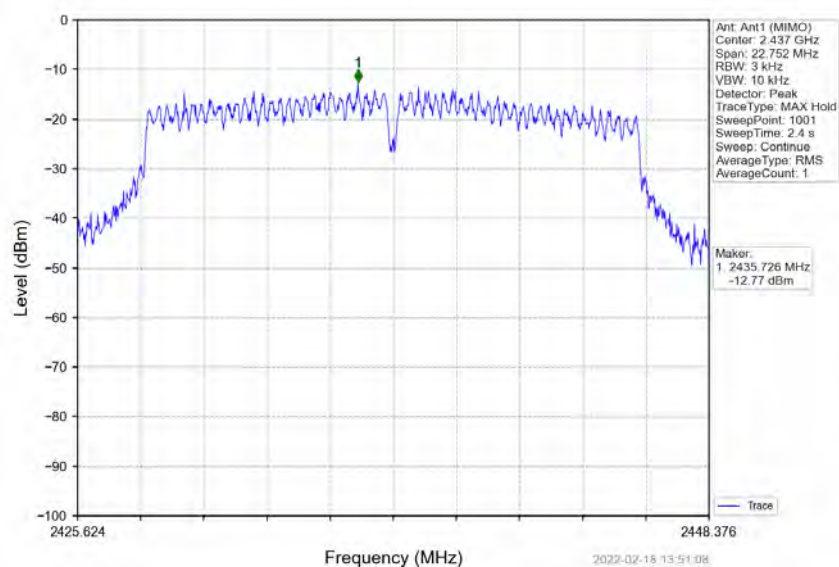
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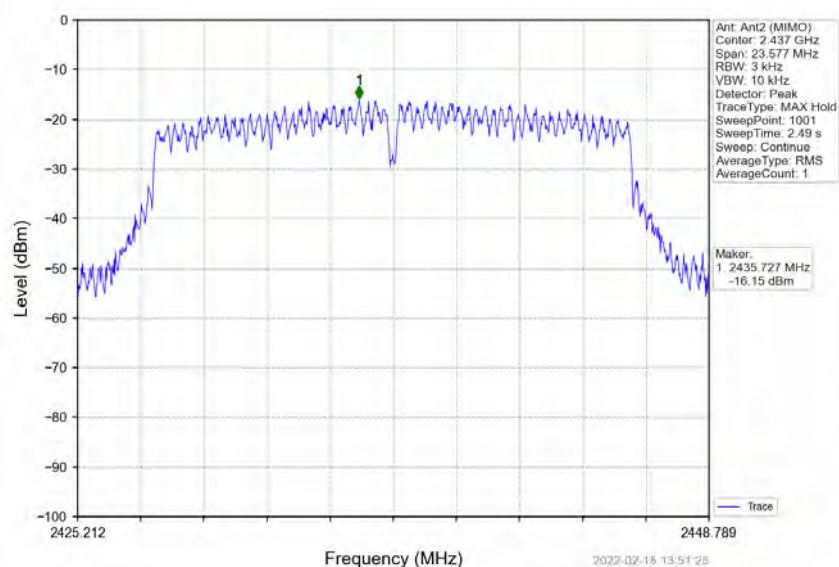
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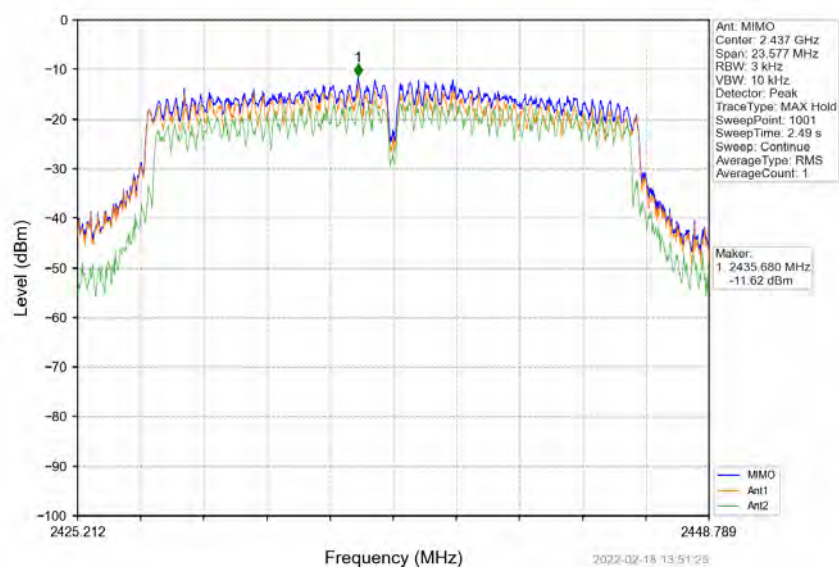
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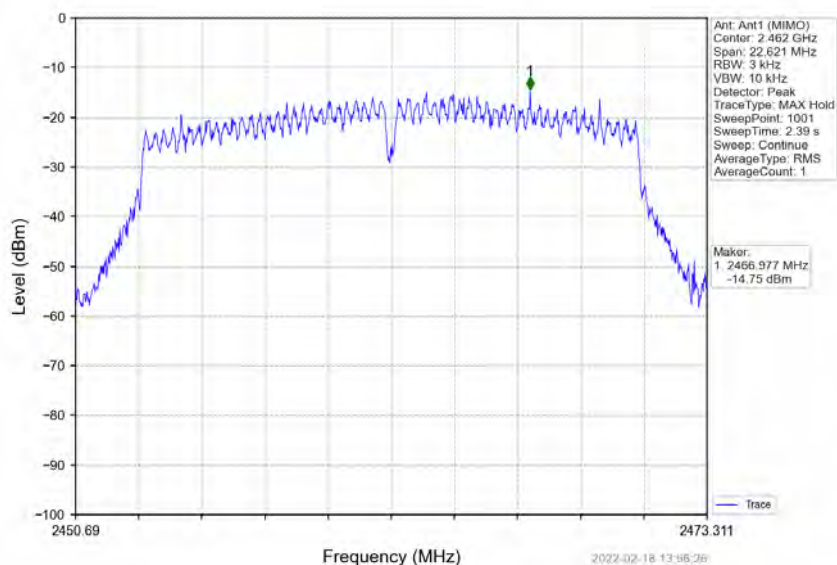
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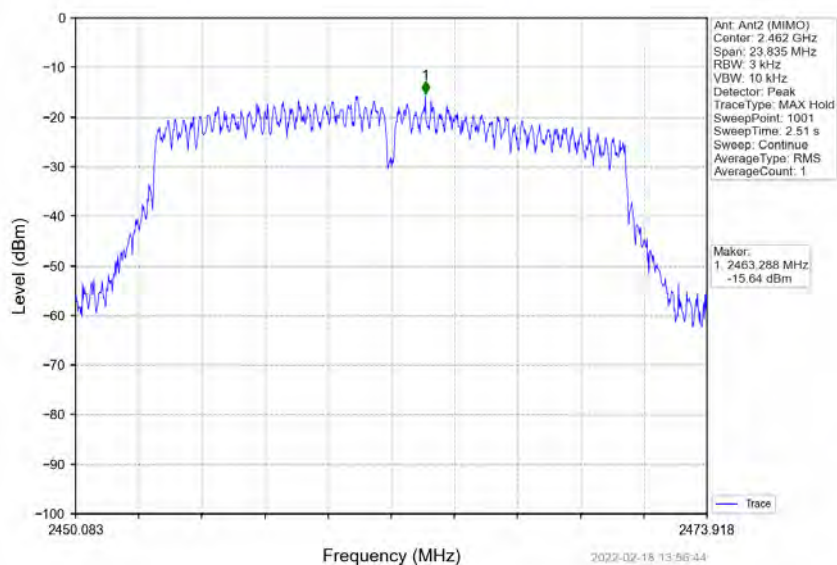
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802.11n(HT20) HCH 2462MHz\_Ant1 (MIMO) NTN



802.11n(HT20) HCH 2462MHz\_Ant2 (MIMO) NTN



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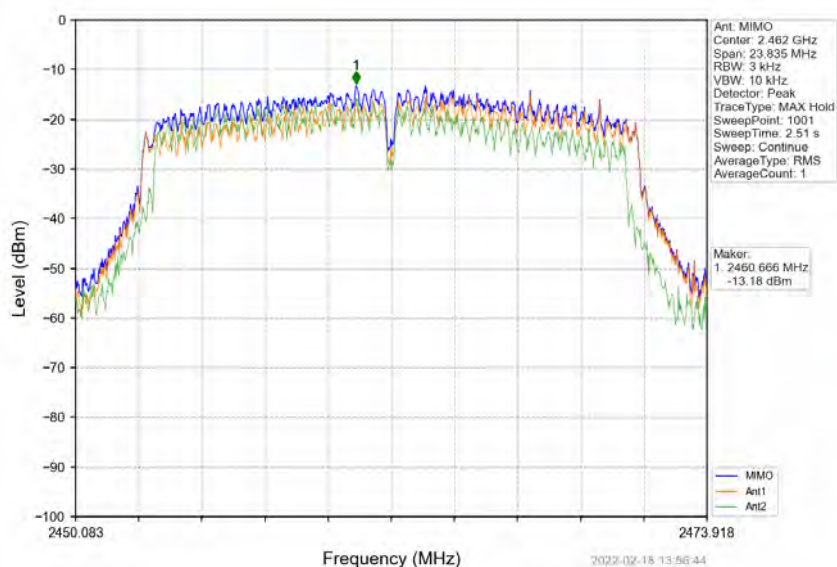
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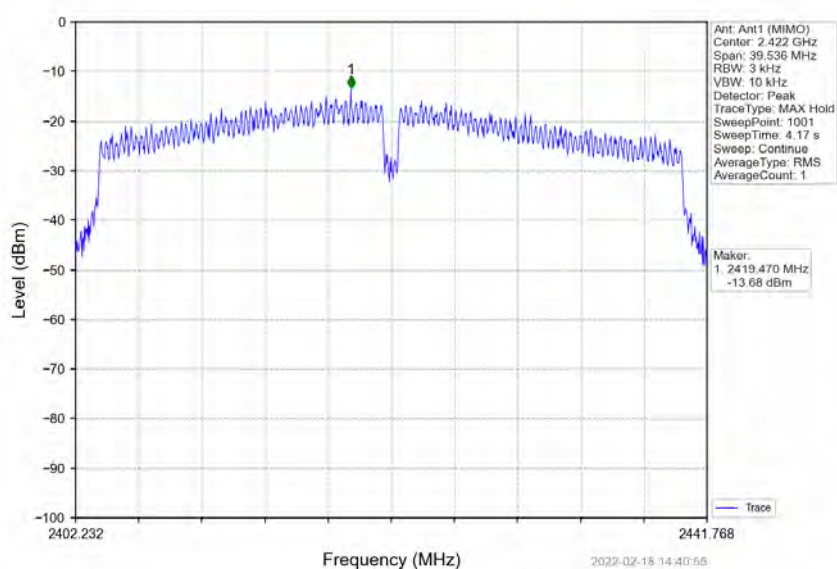
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802.11n(HT20)\_HCH\_2462MHz\_MIMO\_NTNV



802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



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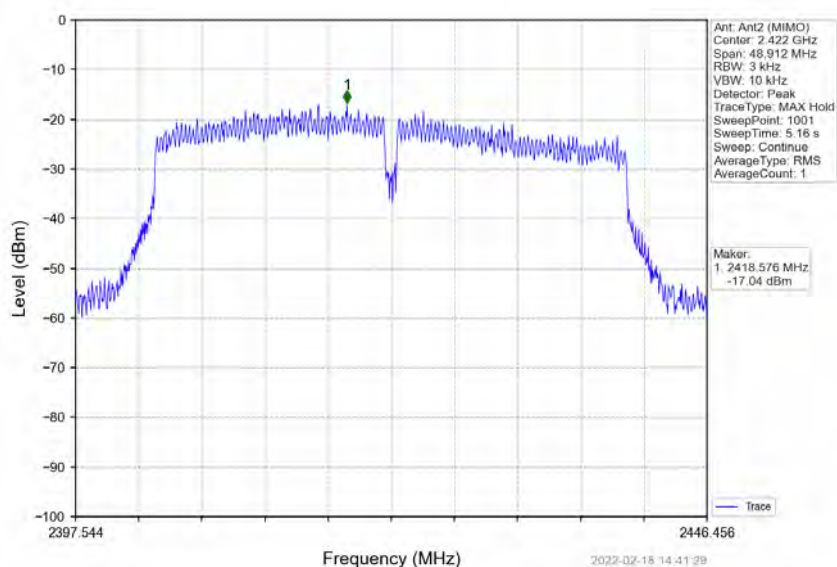
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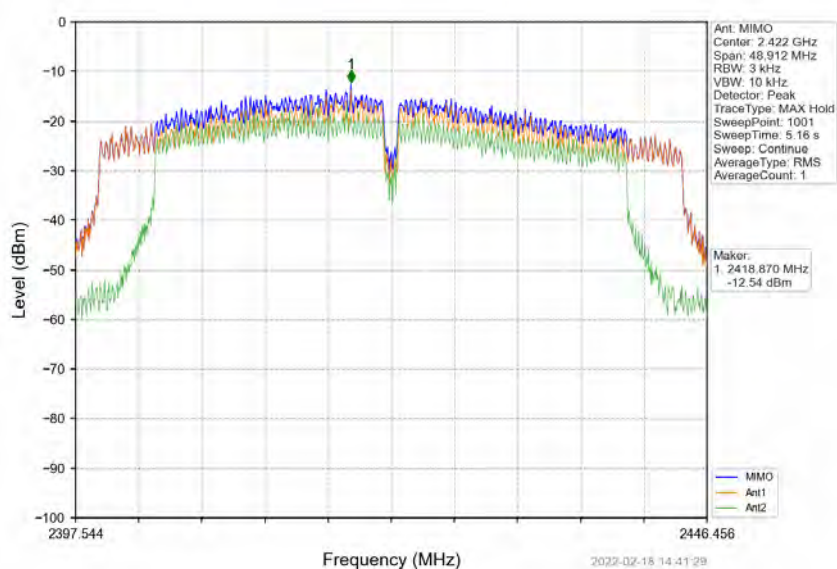
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802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO) NTN



802.11n(HT40)\_LCH\_2422MHz\_MIMO NTN



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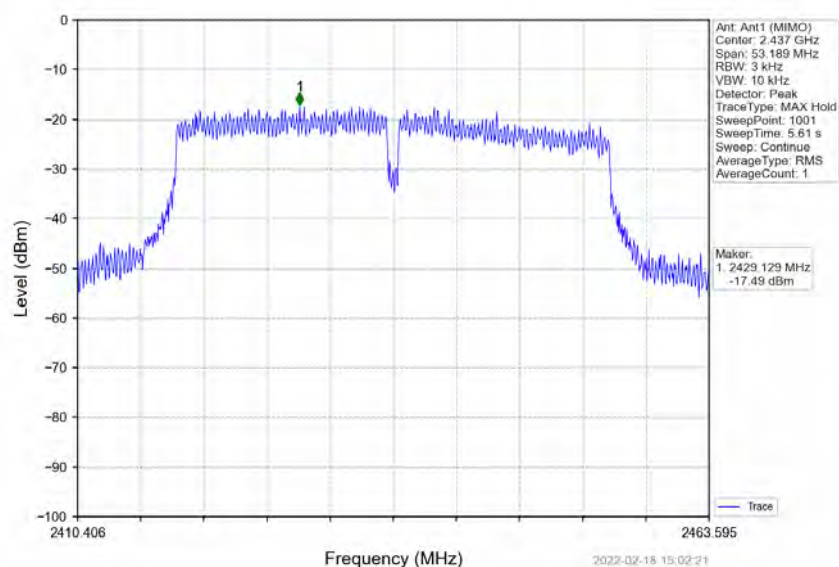
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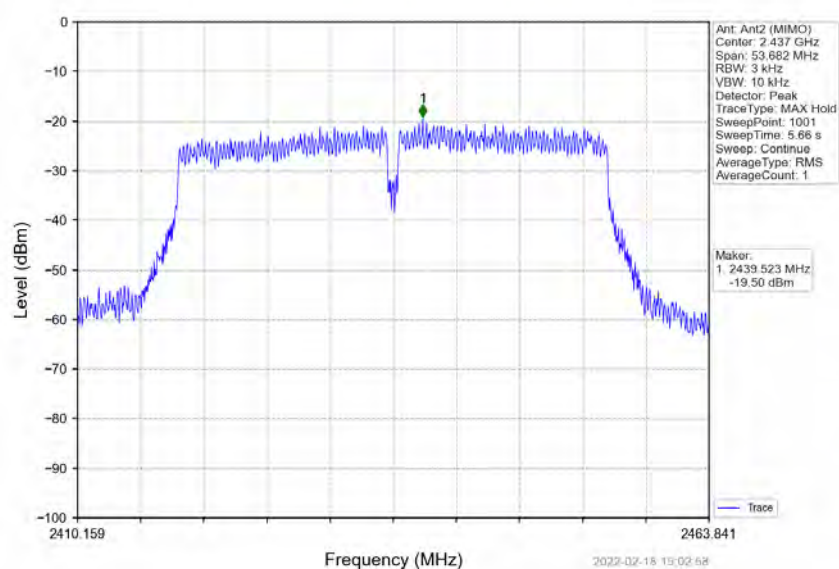
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802.11n(HT40) MCH\_2437MHz\_Ant1 (MIMO) NTN



802.11n(HT40) MCH\_2437MHz\_Ant2 (MIMO) NTN



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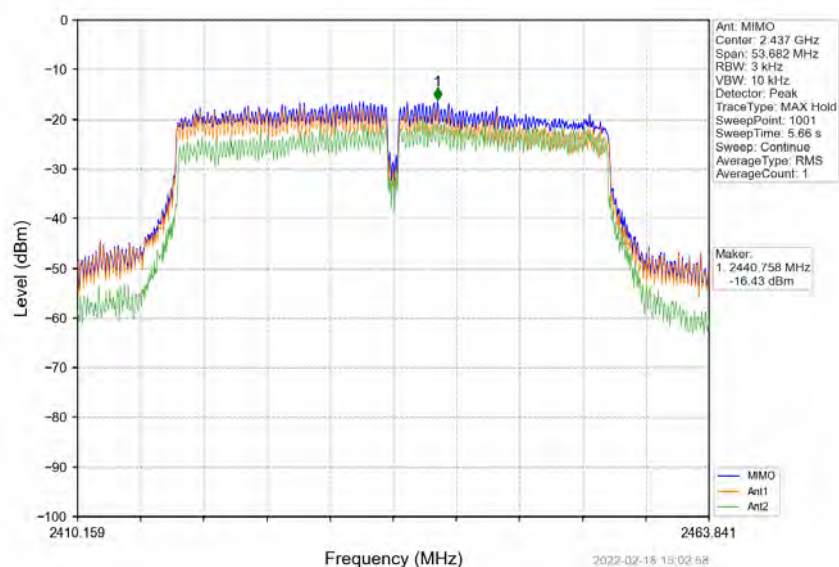
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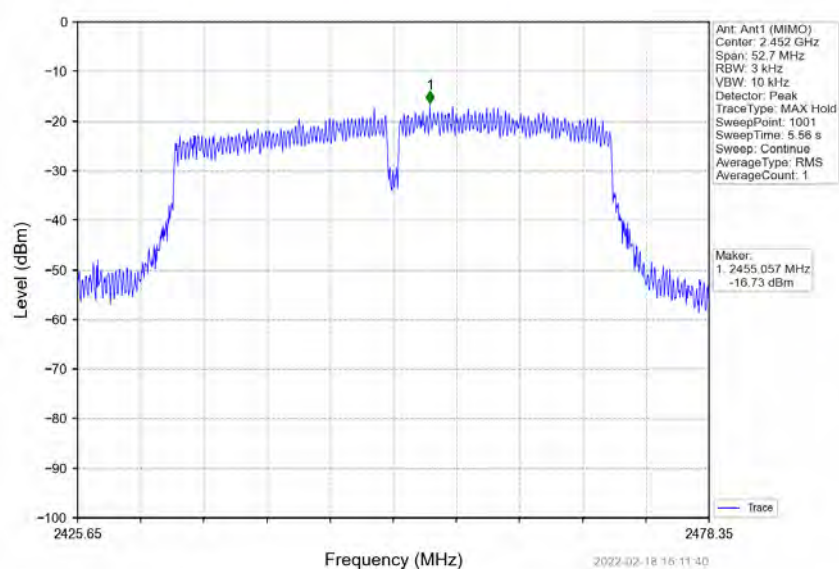
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802.11n(HT40)\_MCH\_2437MHz\_MIMO\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO) NTN



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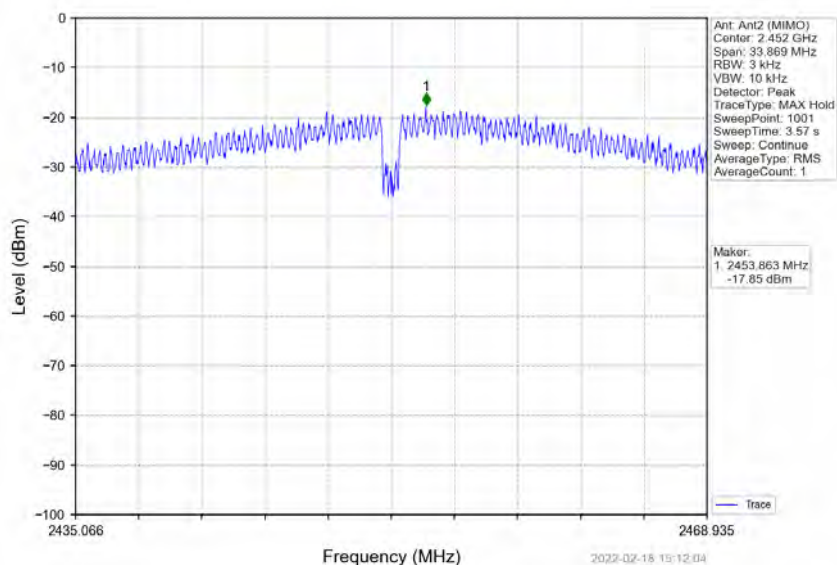
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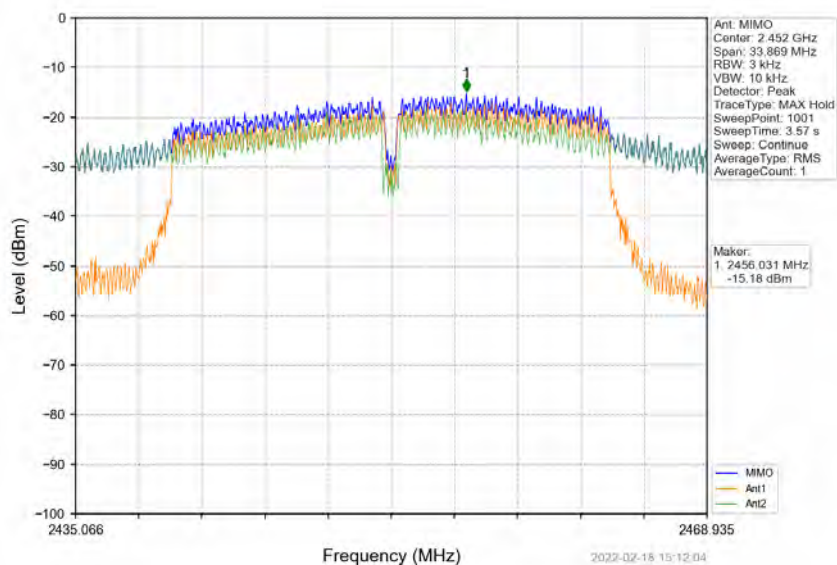
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802.11n(HT40) HCH 2452MHz\_Ant2 (MIMO) NTN



802.11n(HT40) HCH 2452MHz MIMO NTN



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## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

#### 5.1.1 Test Result

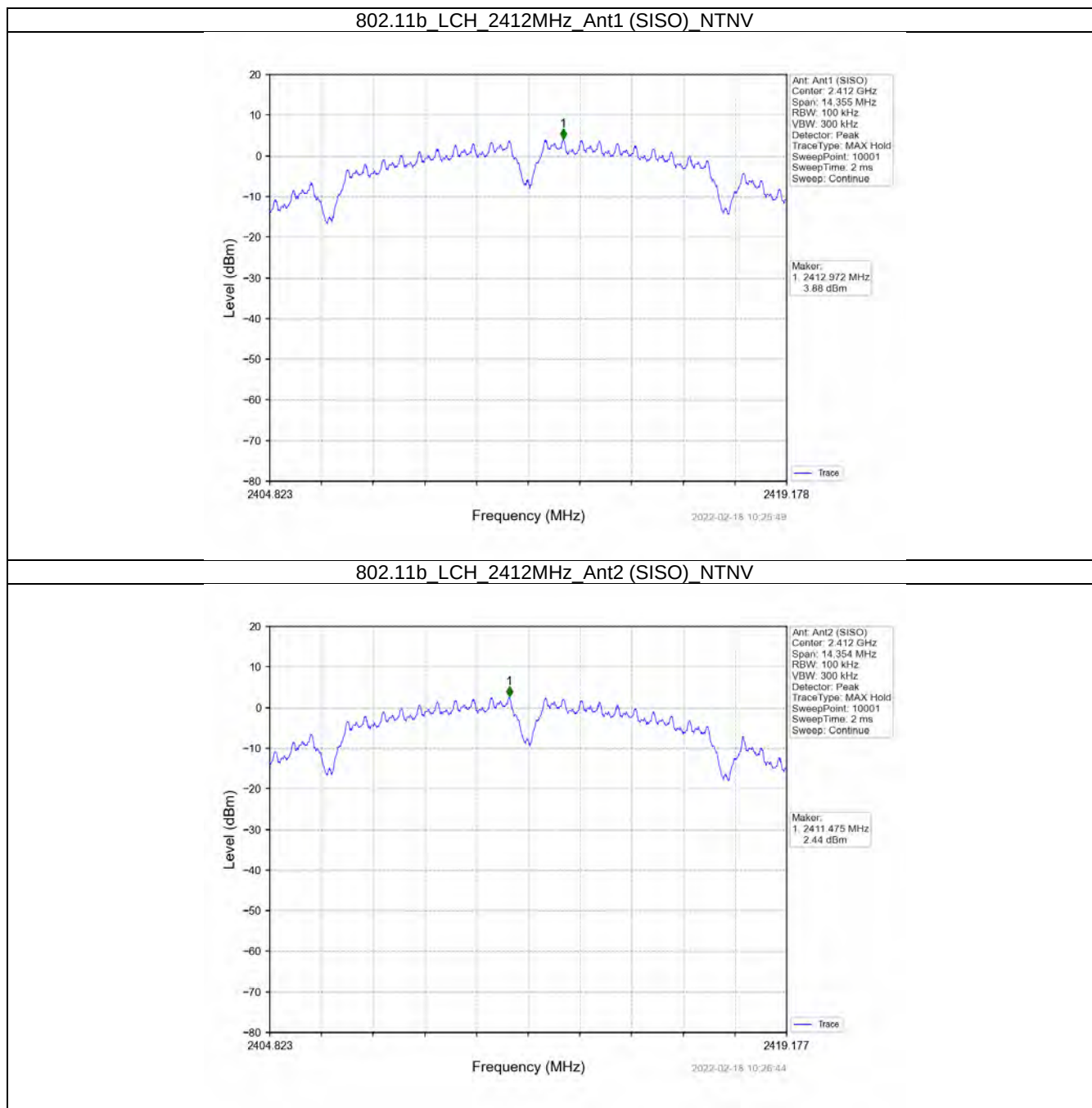
| Mode           | TX Type | Frequency (MHz) | Ant | Level of Reference (dBm) |
|----------------|---------|-----------------|-----|--------------------------|
| 802.11b        | SISO    | 2412            | 1   | 3.88                     |
|                |         |                 | 2   | 2.44                     |
|                |         | 2437            | 1   | 3.90                     |
|                |         |                 | 2   | 1.37                     |
|                |         | 2462            | 1   | 3.96                     |
|                |         |                 | 2   | 3.02                     |
| 802.11g        | SISO    | 2412            | 1   | 5.14                     |
|                |         |                 | 2   | 3.27                     |
|                |         | 2437            | 1   | 5.10                     |
|                |         |                 | 2   | 3.48                     |
|                |         | 2462            | 1   | 2.97                     |
|                |         |                 | 2   | 1.47                     |
| 802.11n (HT20) | MIMO    | 2412            | 1   | 2.30                     |
|                |         |                 | 2   | 0.28                     |
|                |         | 2437            | 1   | 3.06                     |
|                |         |                 | 2   | 0.52                     |
|                |         | 2462            | 1   | 1.24                     |
|                |         |                 | 2   | -0.02                    |
| 802.11n (HT40) | MIMO    | 2422            | 1   | 1.34                     |
|                |         |                 | 2   | -1.40                    |
|                |         | 2437            | 1   | -1.19                    |
|                |         |                 | 2   | -3.96                    |
|                |         | 2452            | 1   | -0.92                    |
|                |         |                 | 2   | -1.67                    |

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.  
Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



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### 5.1.2 Test Graph



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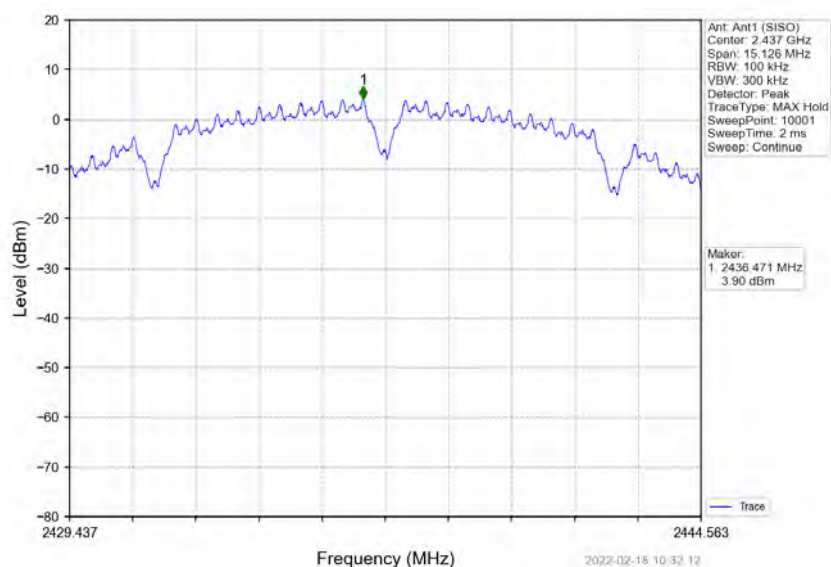
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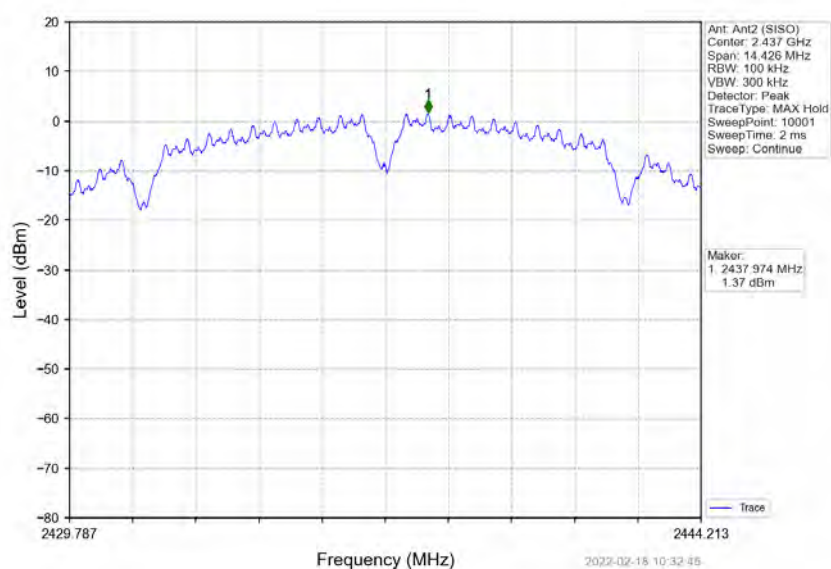
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802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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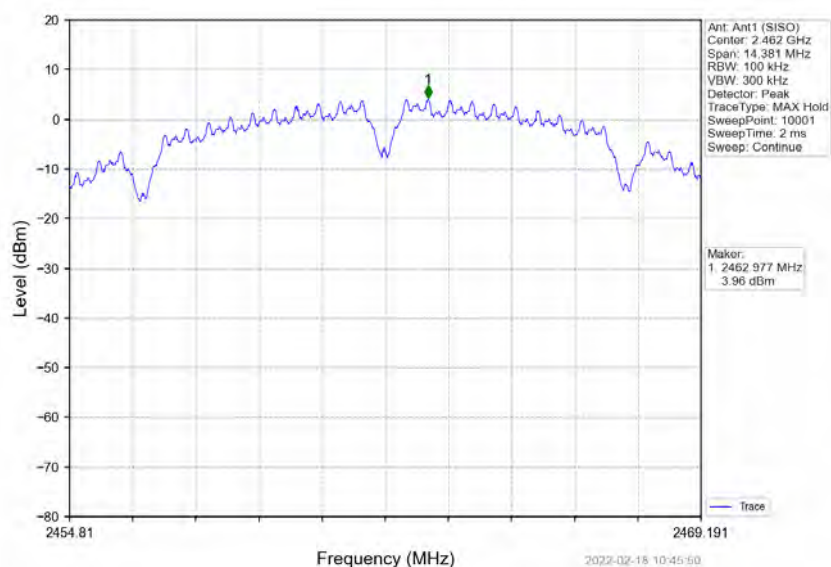
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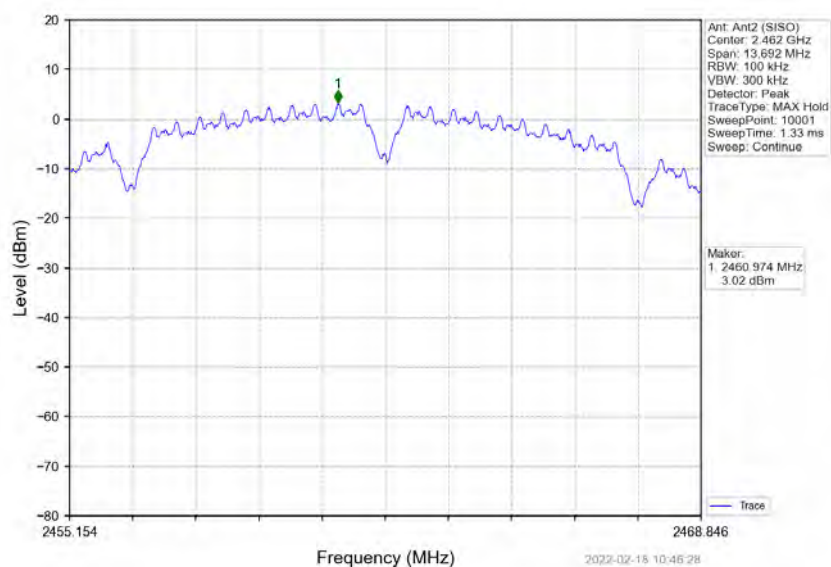
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802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



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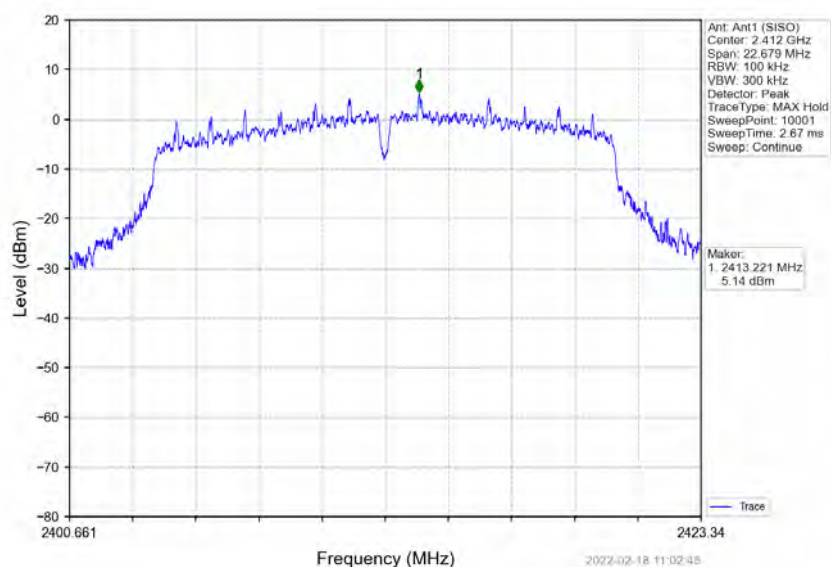
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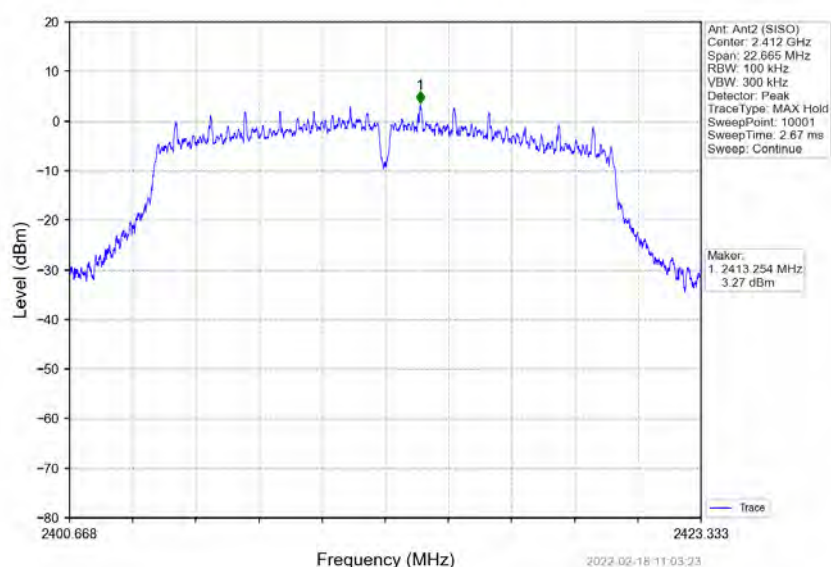
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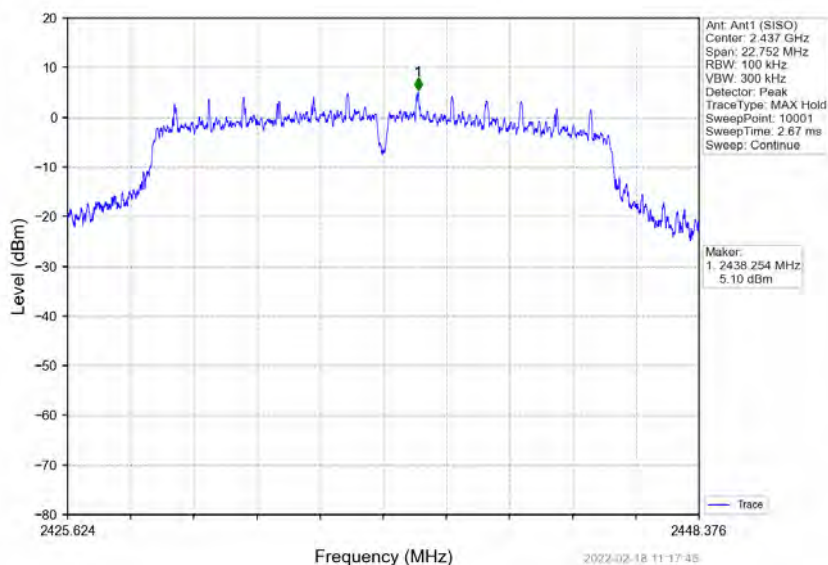
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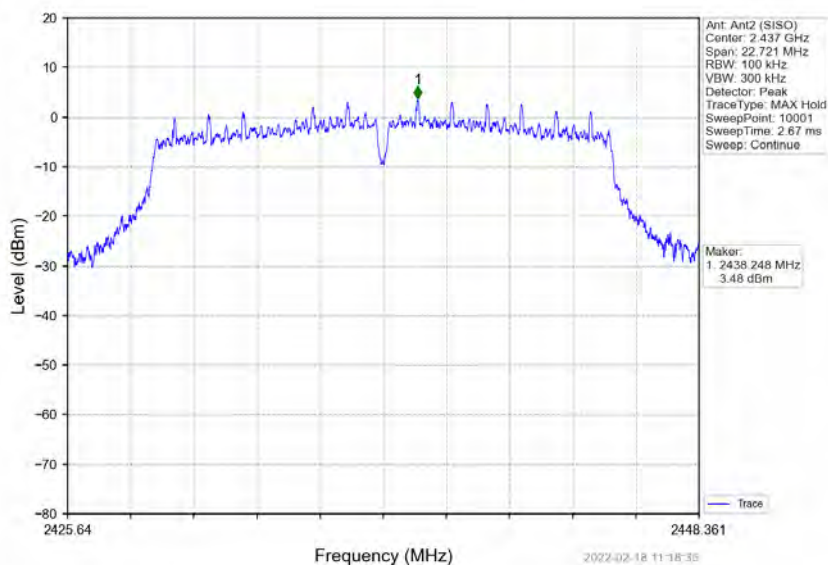
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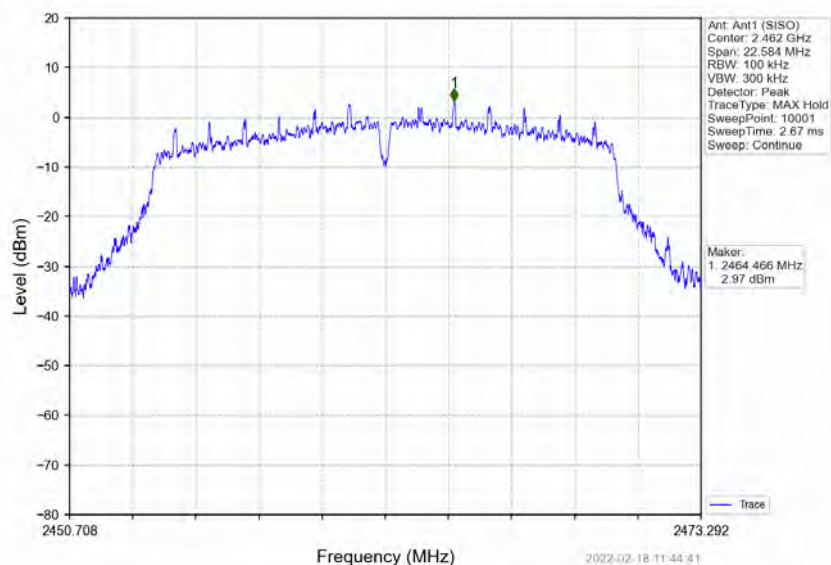
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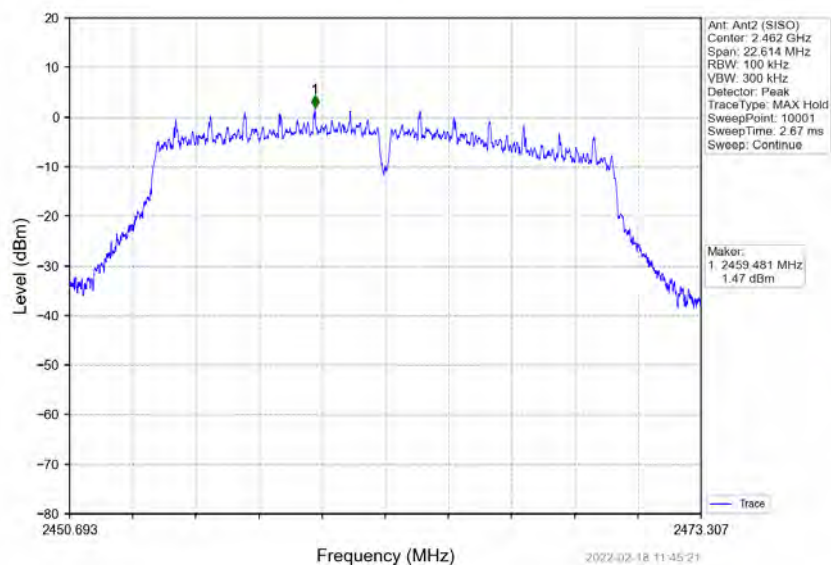
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802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



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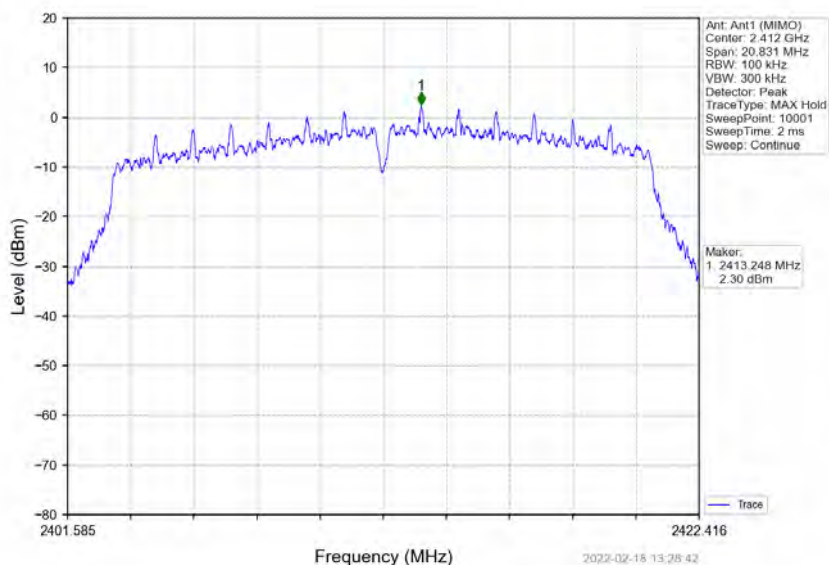
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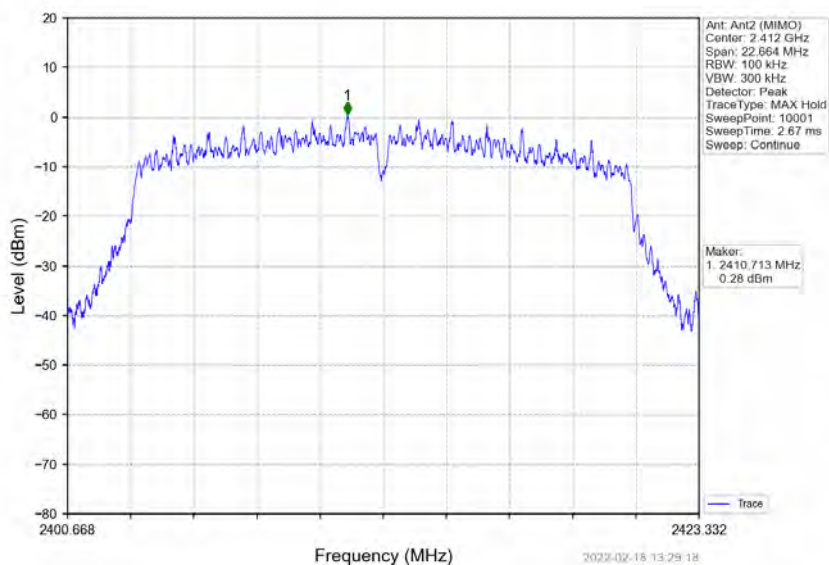
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802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



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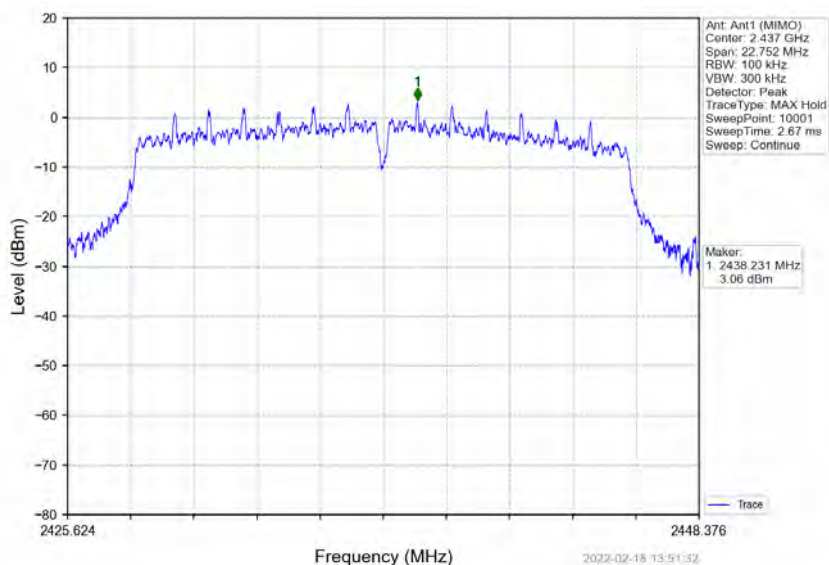
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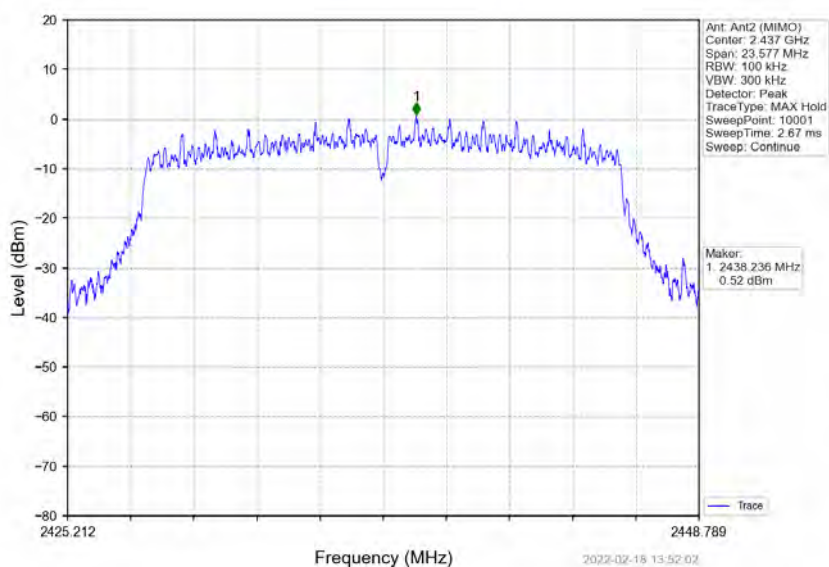
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802.11n(HT20) MCH\_2437MHz\_Ant1 (MIMO) NTN



802.11n(HT20) MCH\_2437MHz\_Ant2 (MIMO) NTN



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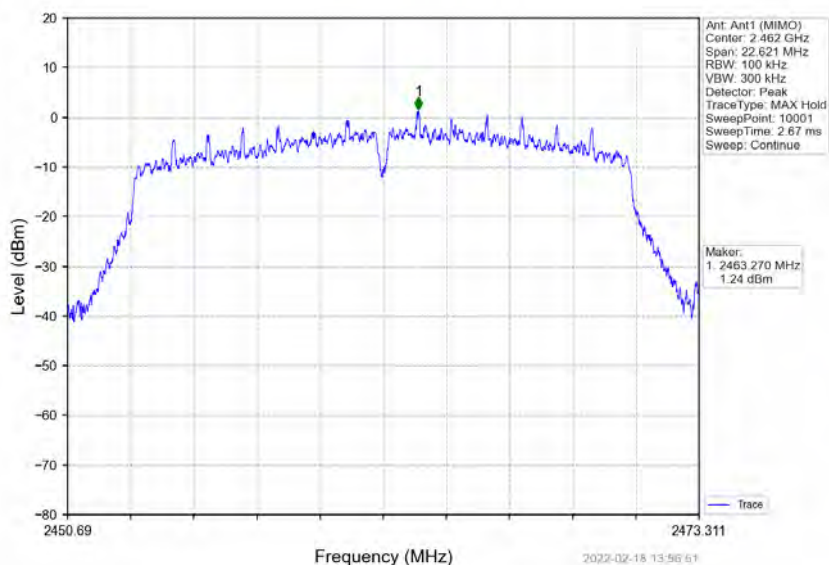
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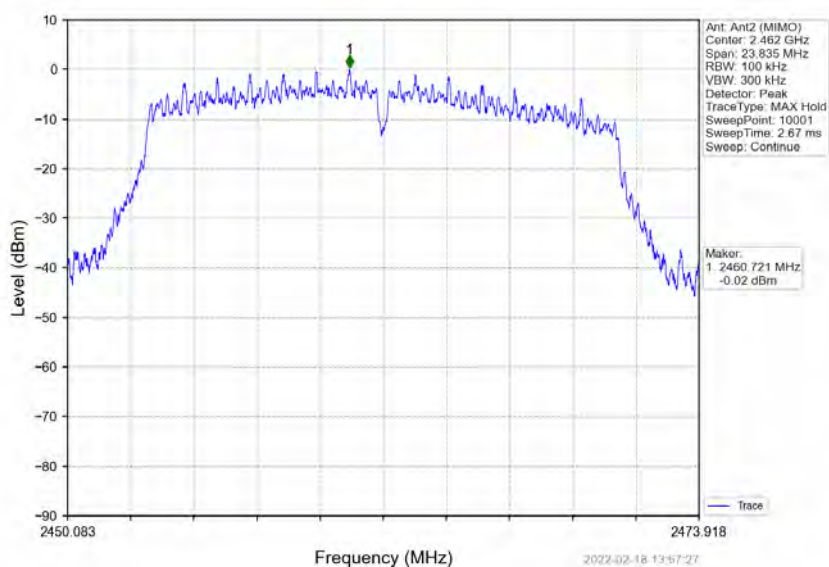
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802.11n(HT20) HCH 2462MHz\_Ant1 (MIMO) NTN



802.11n(HT20) HCH 2462MHz\_Ant2 (MIMO) NTN



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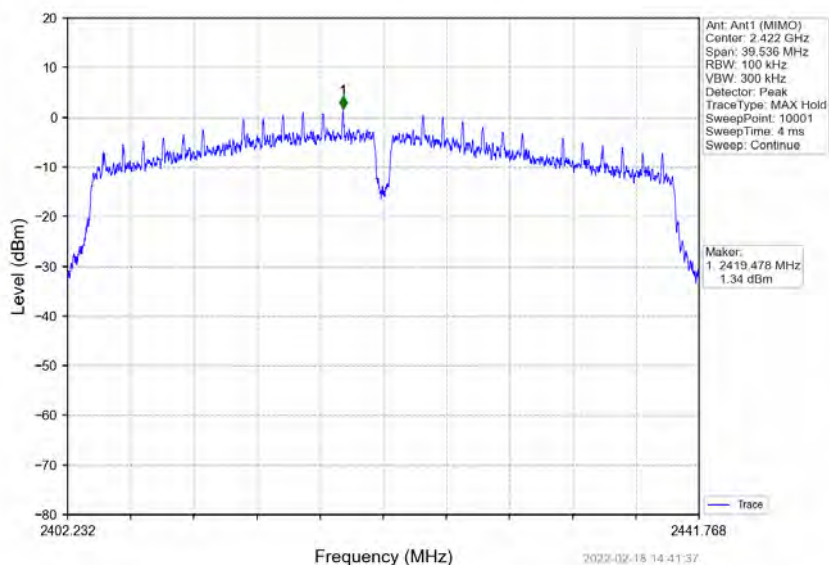
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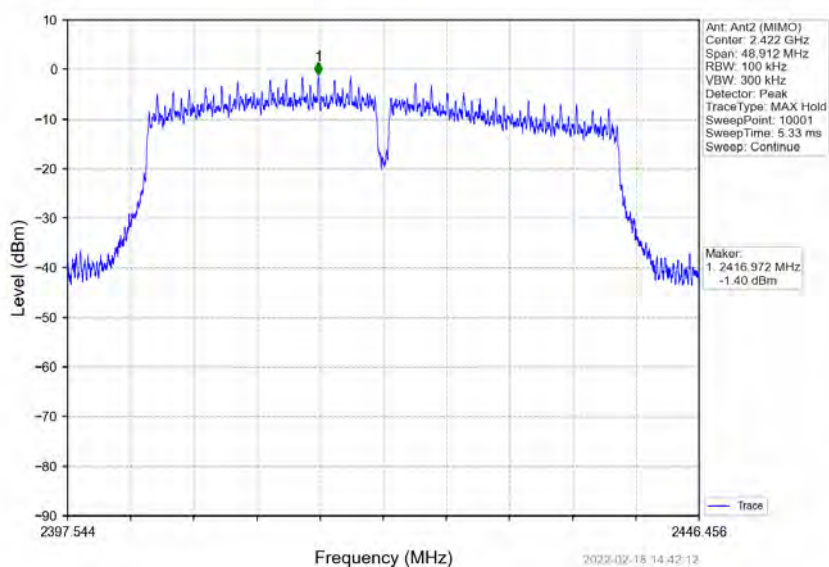
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802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



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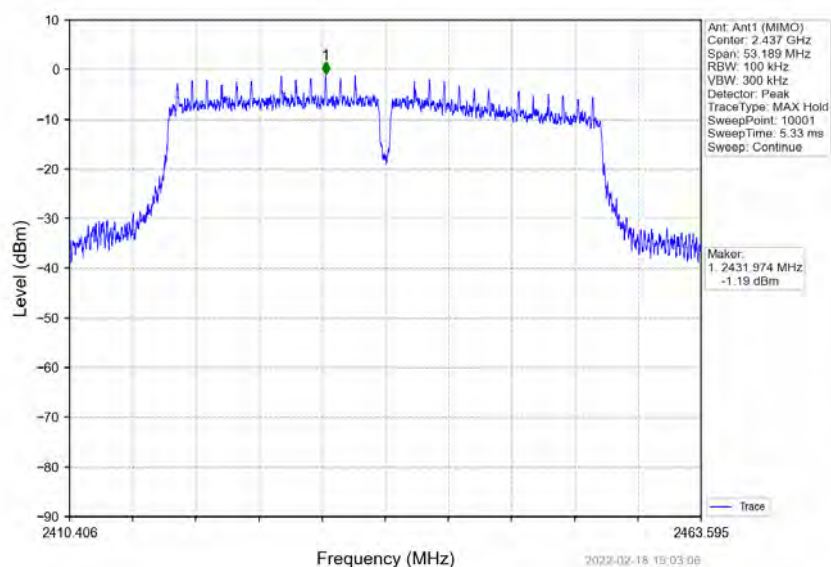
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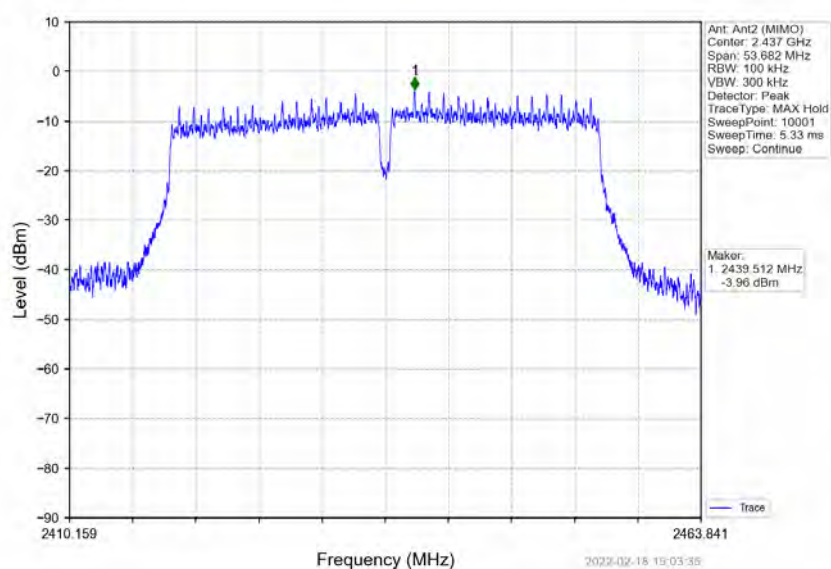
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802.11n(HT40) MCH\_2437MHz\_Ant1 (MIMO) NTN



802.11n(HT40) MCH\_2437MHz\_Ant2 (MIMO) NTN



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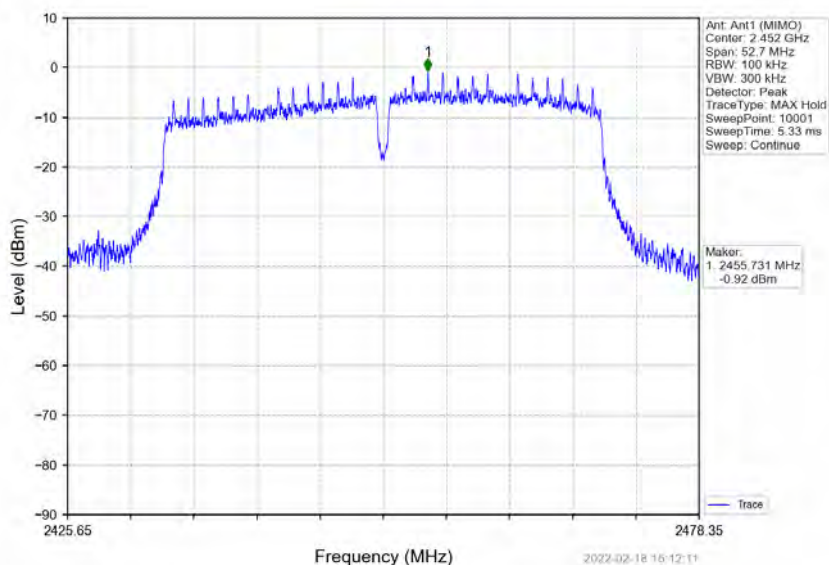
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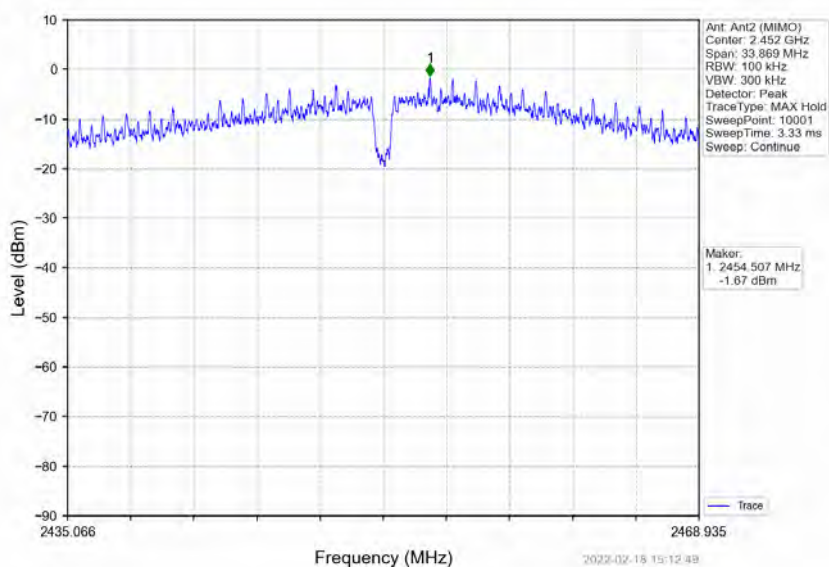
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802.11n(HT40) HCH 2452MHz\_Ant1 (MIMO) NTN



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## 5.2 CSE

### 5.2.1 Test Result

| Mode           | TX Type | Frequency (MHz) | Ant | Level of Reference (dBm) | Limit (dBm) | Verdict |
|----------------|---------|-----------------|-----|--------------------------|-------------|---------|
| 802.11b        | SISO    | 2412            | 1   | 3.96                     | -26.04      | Pass    |
|                |         |                 | 2   | 3.02                     | -26.98      | Pass    |
|                |         | 2437            | 1   | 3.96                     | -26.04      | Pass    |
|                |         |                 | 2   | 3.02                     | -26.98      | Pass    |
|                |         | 2462            | 1   | 3.96                     | -26.04      | Pass    |
|                |         |                 | 2   | 3.02                     | -26.98      | Pass    |
| 802.11g        | SISO    | 2412            | 1   | 5.14                     | -24.86      | Pass    |
|                |         |                 | 2   | 3.48                     | -26.52      | Pass    |
|                |         | 2437            | 1   | 5.14                     | -24.86      | Pass    |
|                |         |                 | 2   | 3.48                     | -26.52      | Pass    |
|                |         | 2462            | 1   | 5.14                     | -24.86      | Pass    |
|                |         |                 | 2   | 3.48                     | -26.52      | Pass    |
| 802.11n (HT20) | MIMO    | 2412            | 1   | 3.06                     | -26.94      | Pass    |
|                |         |                 | 2   | 0.52                     | -29.48      | Pass    |
|                |         | 2437            | 1   | 3.06                     | -26.94      | Pass    |
|                |         |                 | 2   | 0.52                     | -29.48      | Pass    |
|                |         | 2462            | 1   | 3.06                     | -26.94      | Pass    |
|                |         |                 | 2   | 0.52                     | -29.48      | Pass    |
| 802.11n (HT40) | MIMO    | 2422            | 1   | 1.34                     | -28.66      | Pass    |
|                |         |                 | 2   | -1.40                    | -31.40      | Pass    |
|                |         | 2437            | 1   | 1.34                     | -28.66      | Pass    |
|                |         |                 | 2   | -1.40                    | -31.40      | Pass    |
|                |         | 2452            | 1   | 1.34                     | -28.66      | Pass    |
|                |         |                 | 2   | -1.40                    | -31.40      | Pass    |

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.  
Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



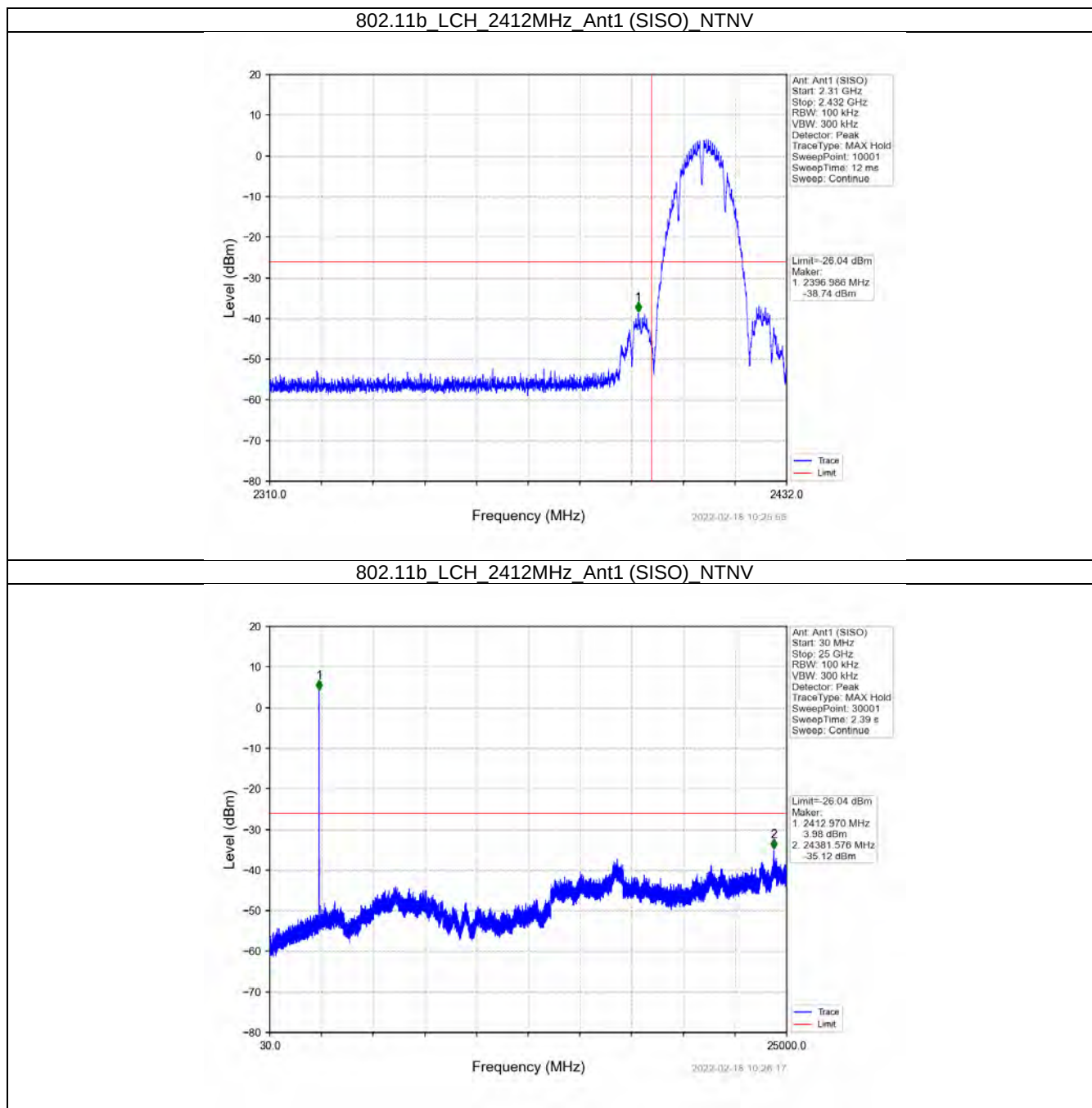
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## 5.2.2 Test Graph



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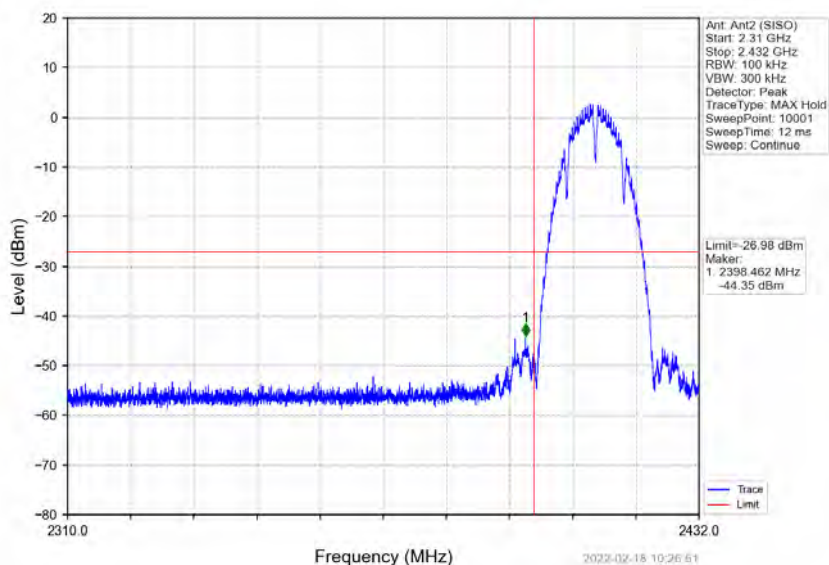
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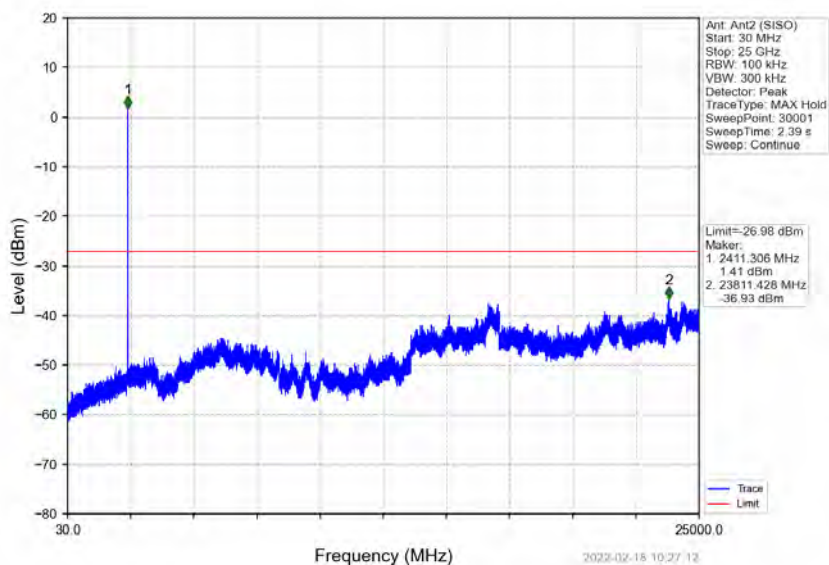
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802.11b LCH 2412MHz\_Ant2 (SISO)\_NTNV



802.11b LCH 2412MHz\_Ant2 (SISO)\_NTNV



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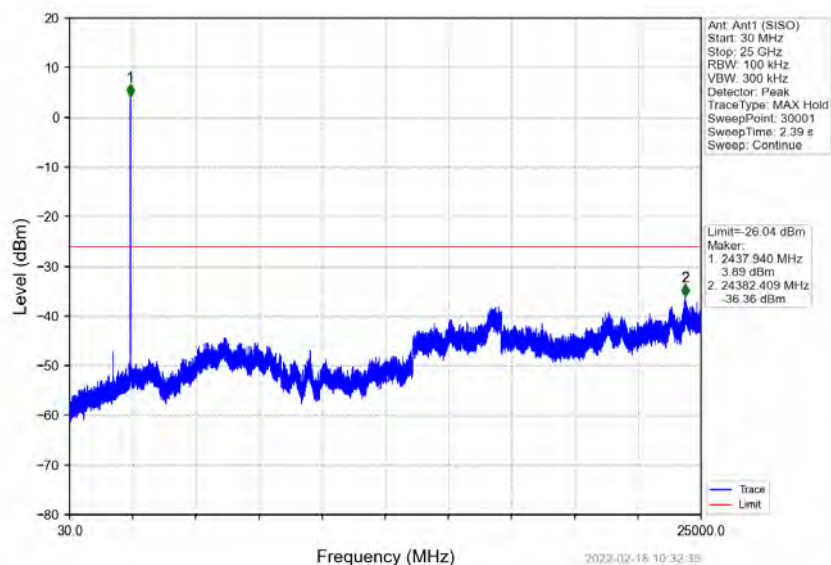
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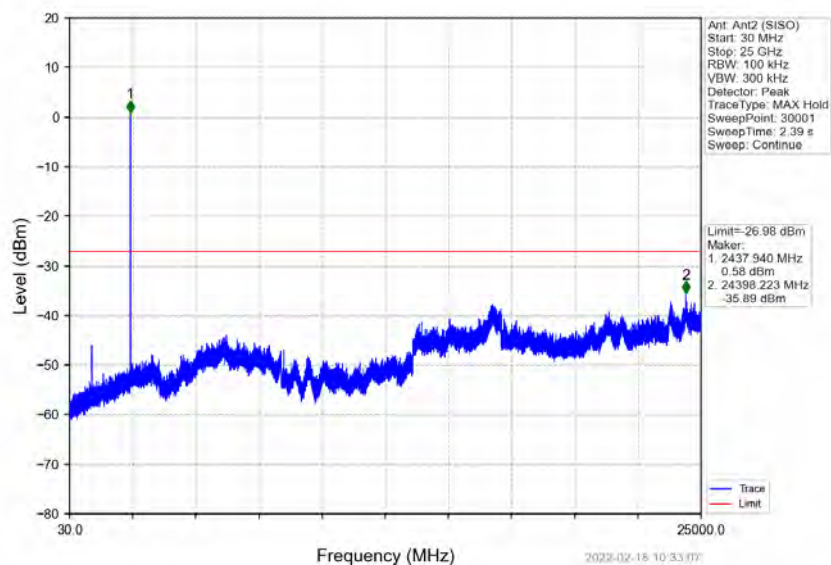
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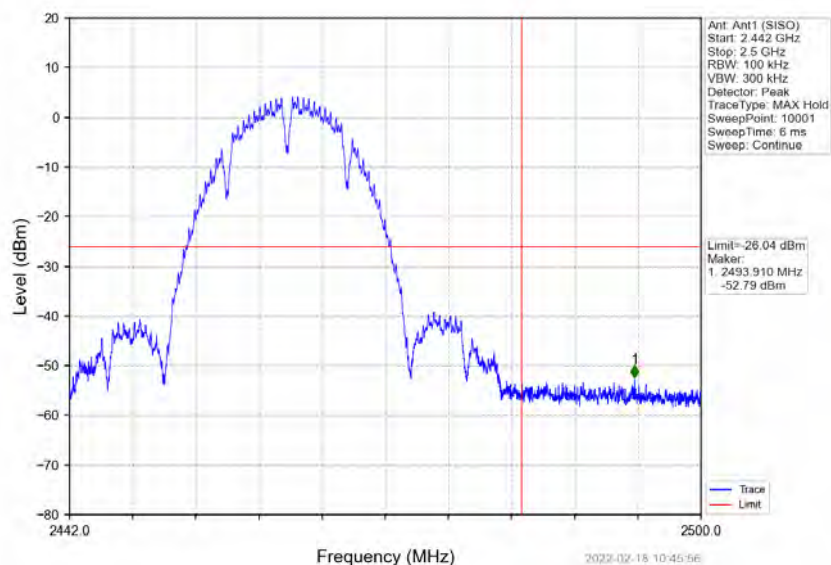
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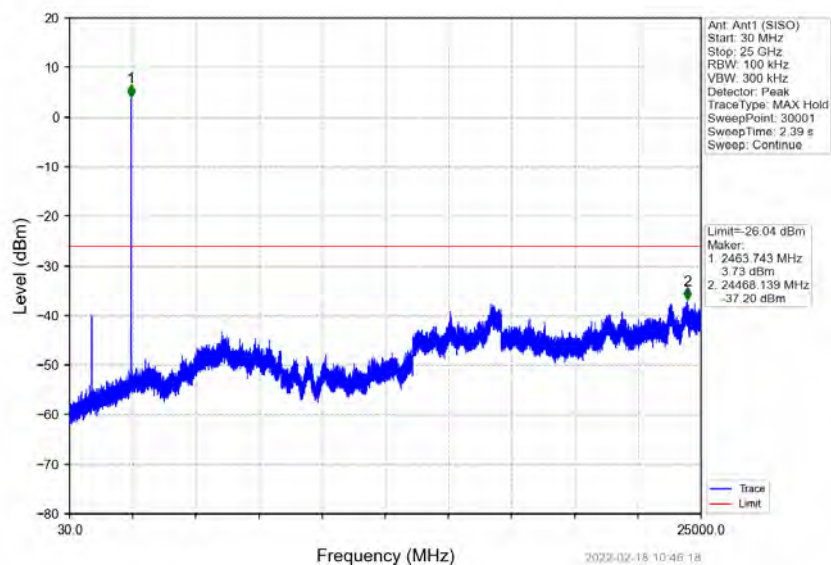
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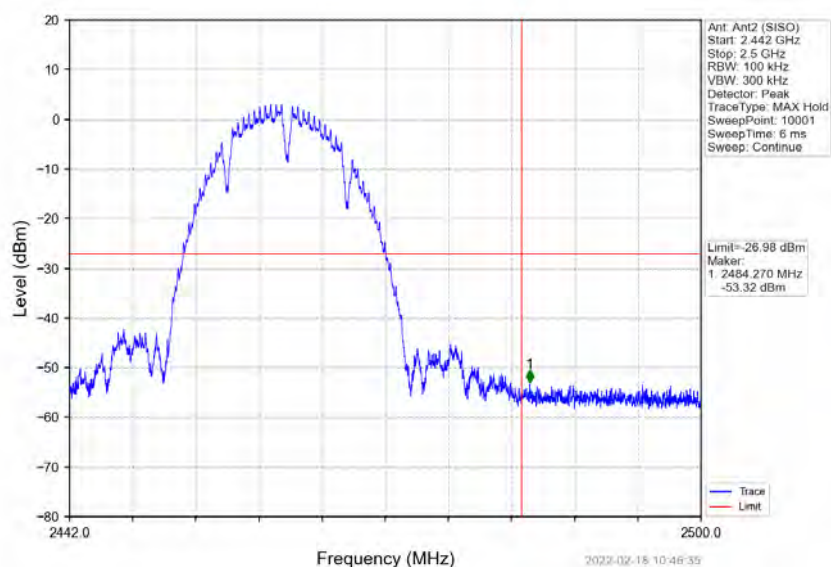
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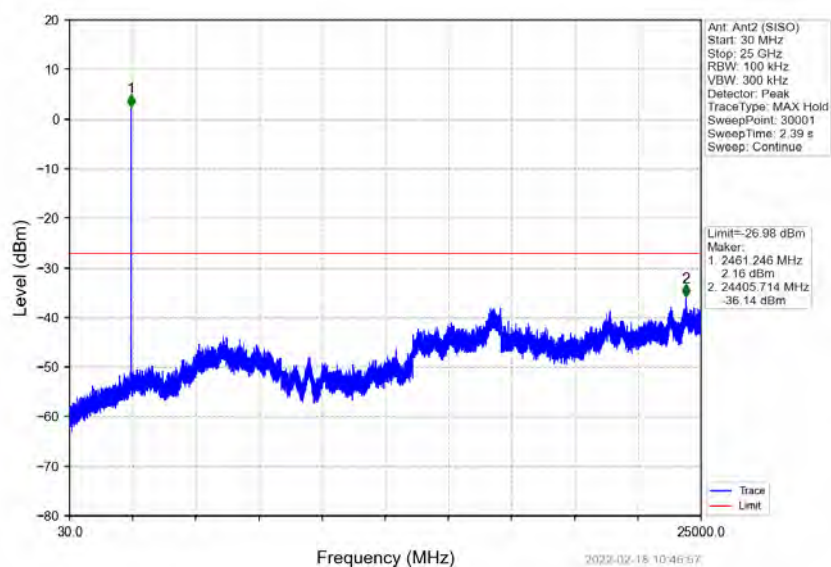
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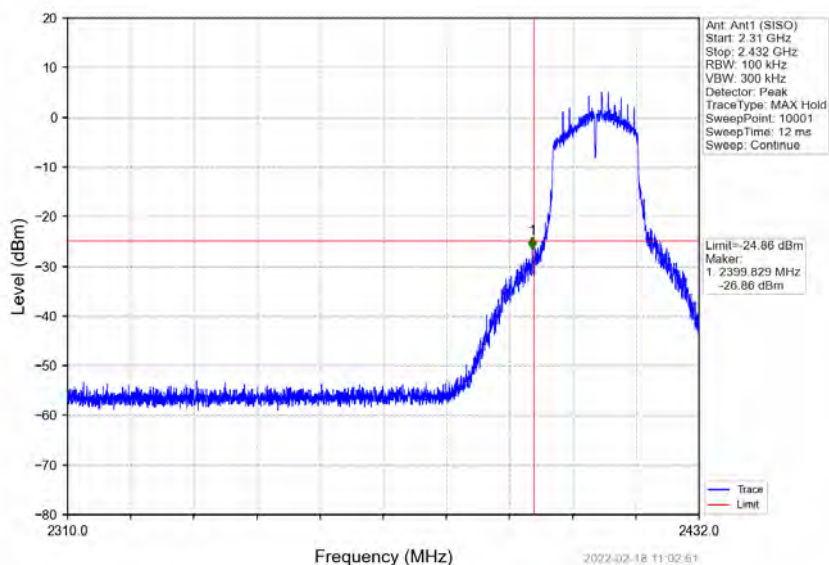
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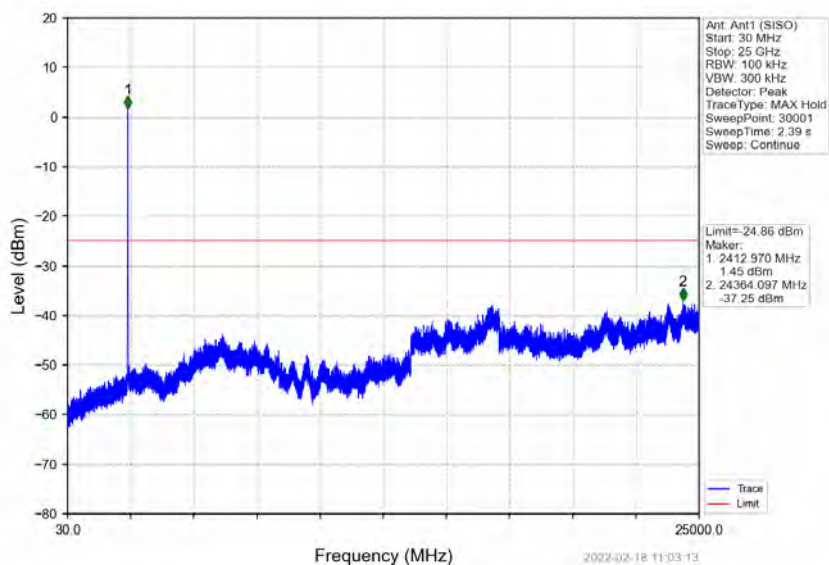
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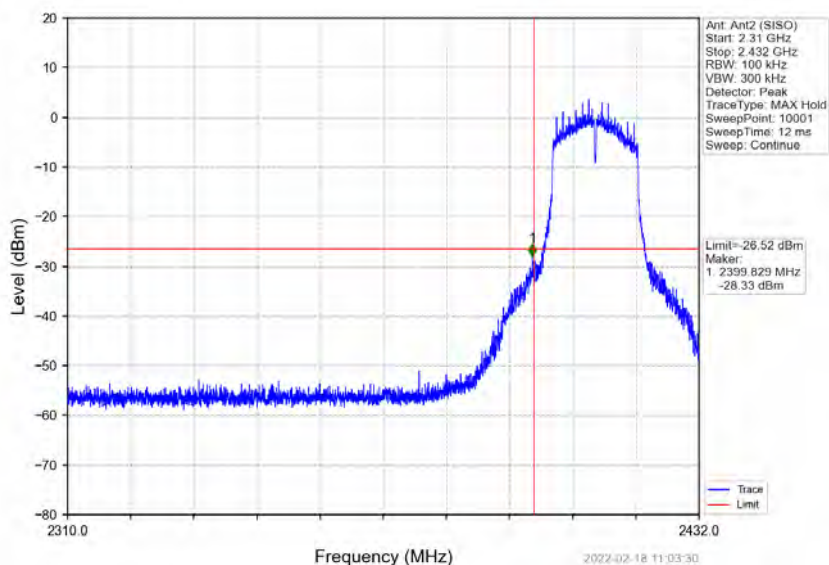
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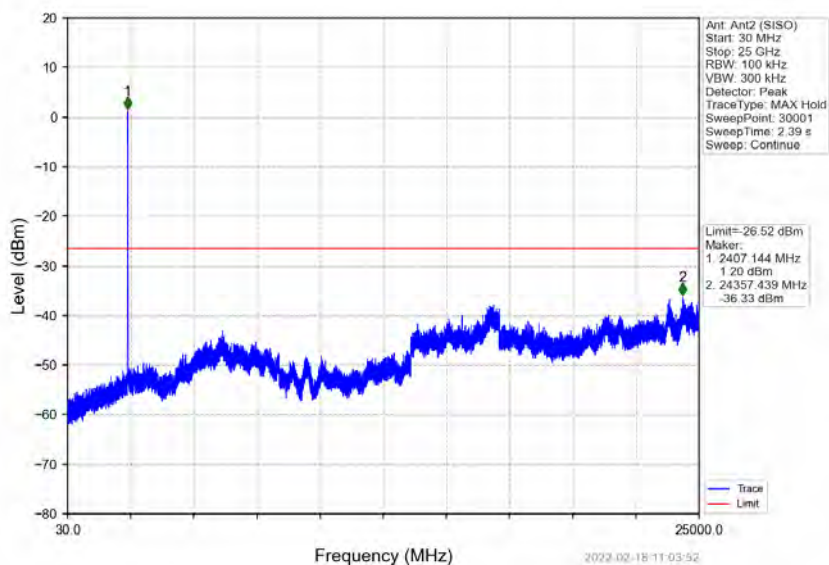
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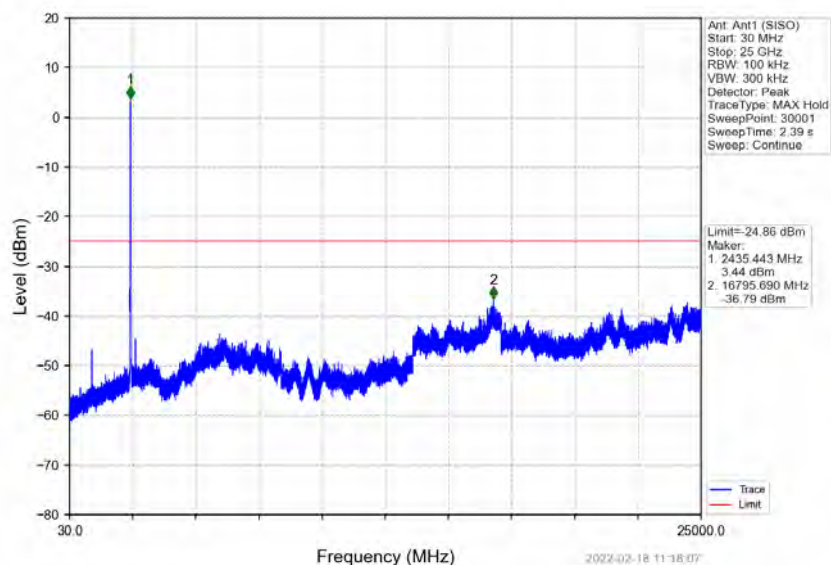
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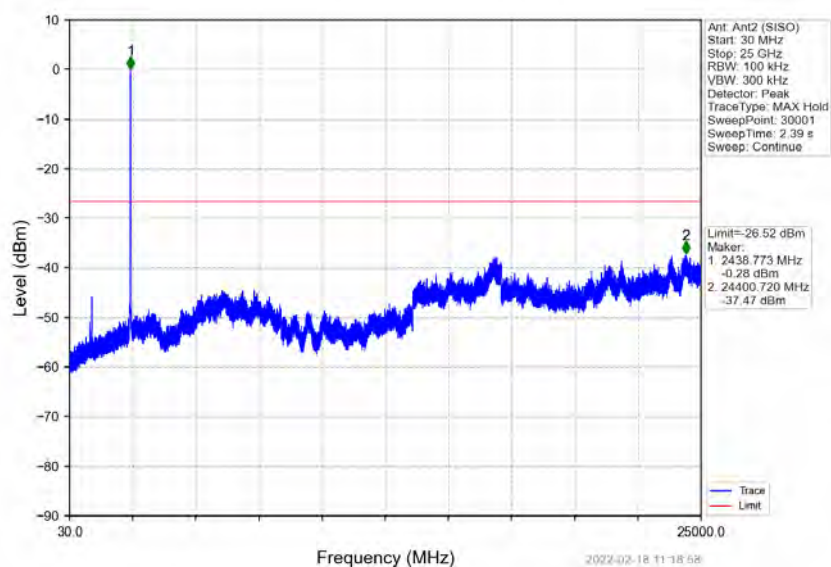
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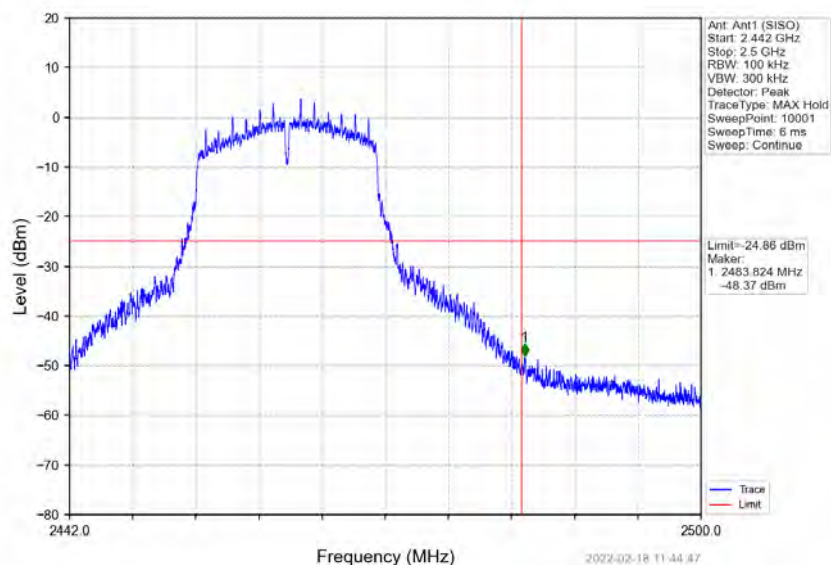
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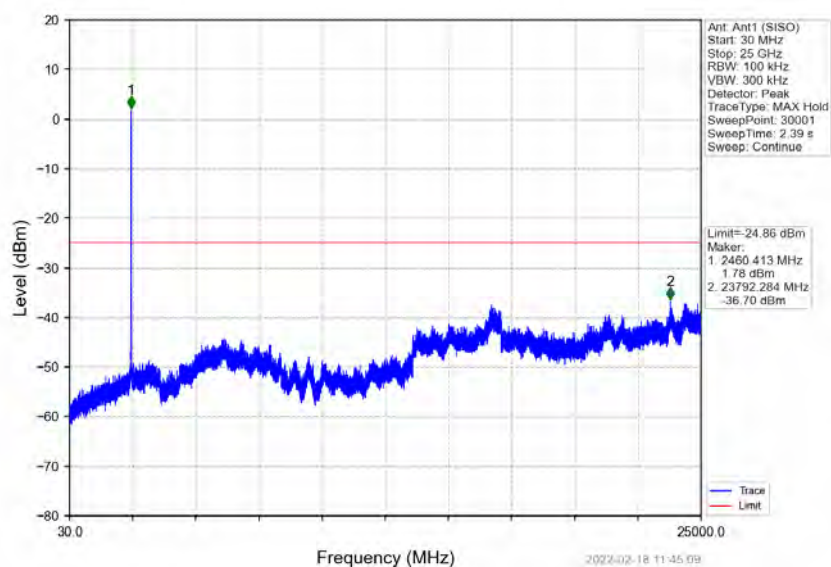
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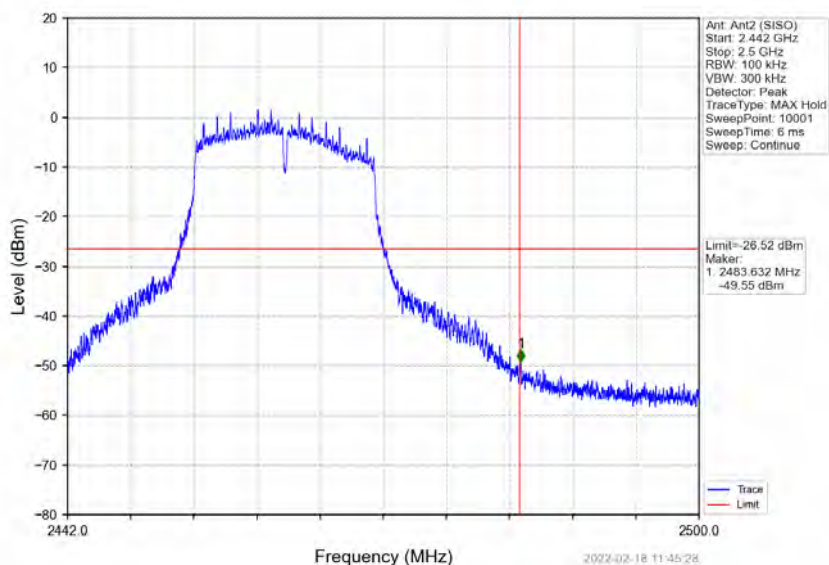
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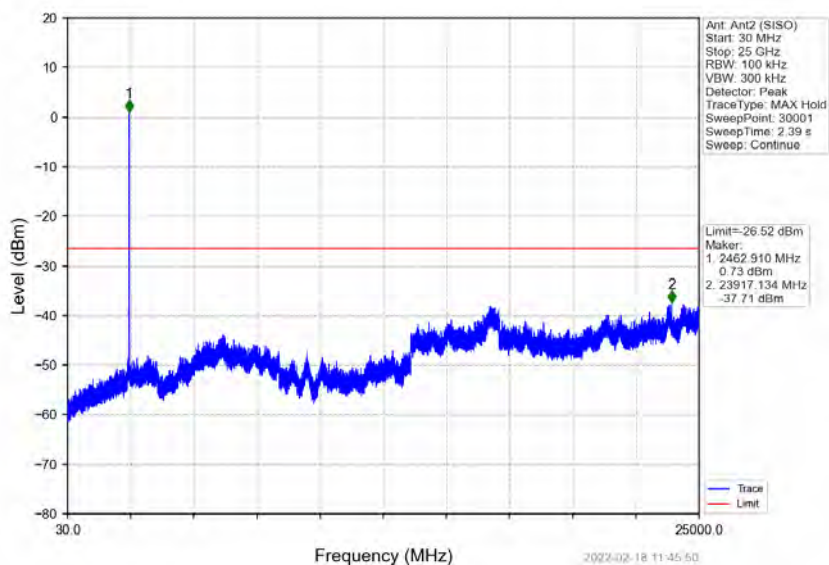
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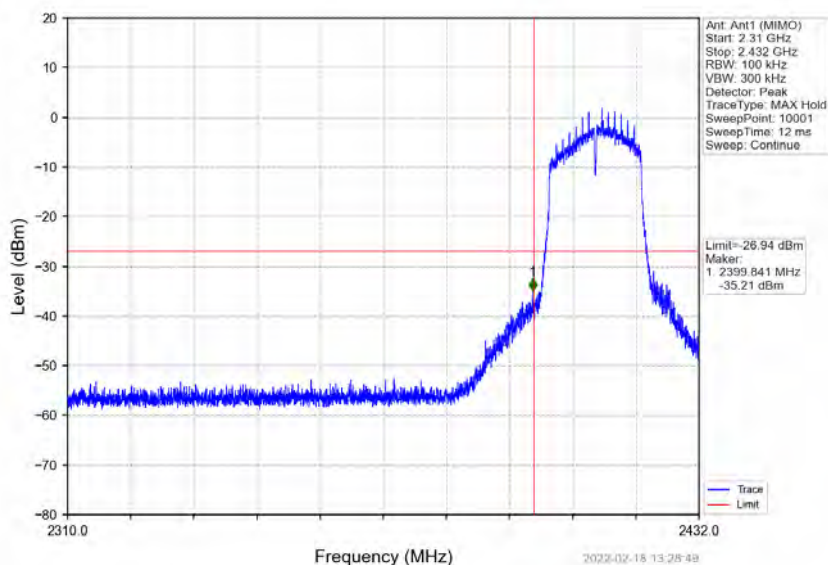
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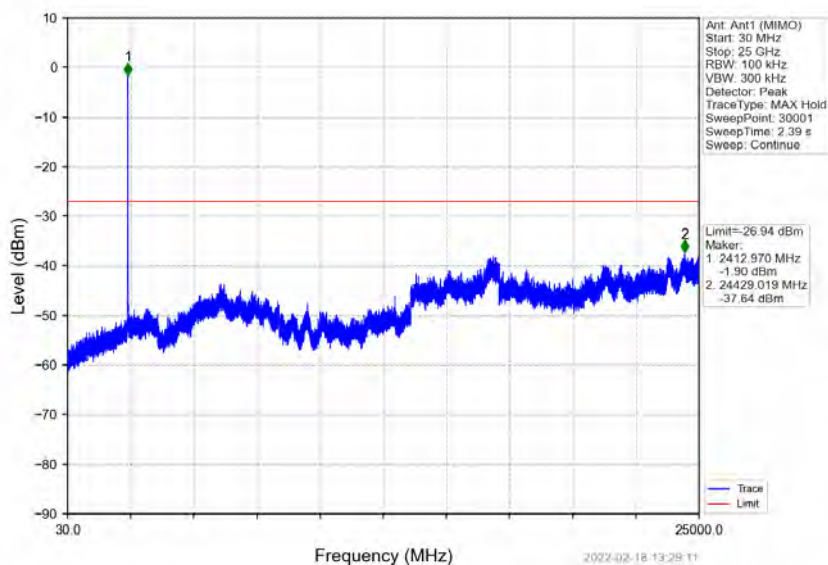
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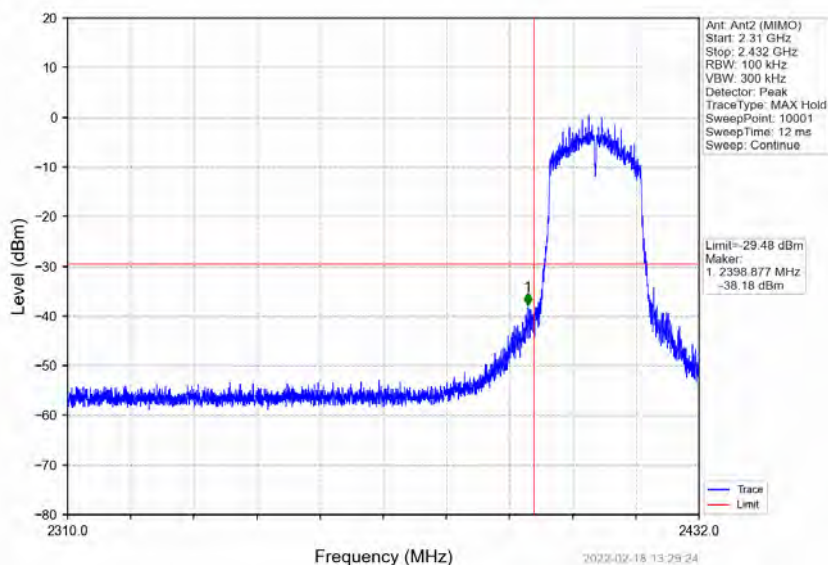
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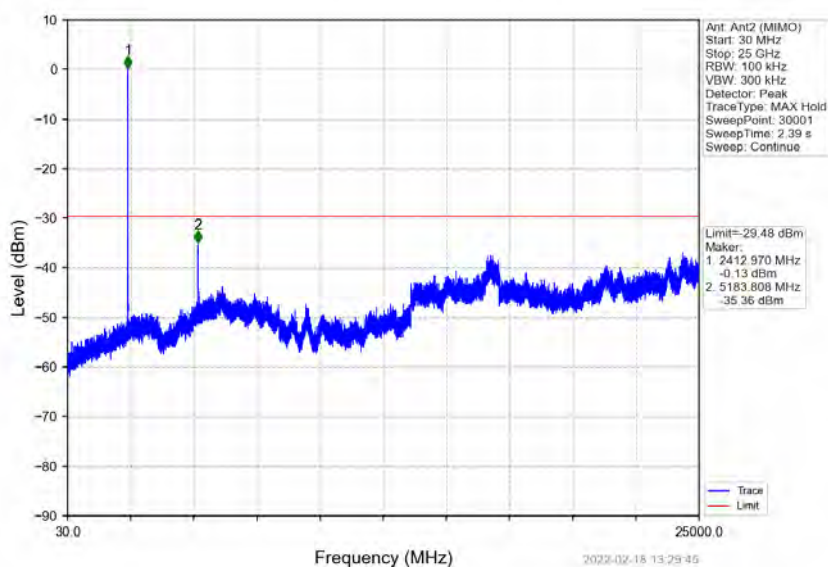
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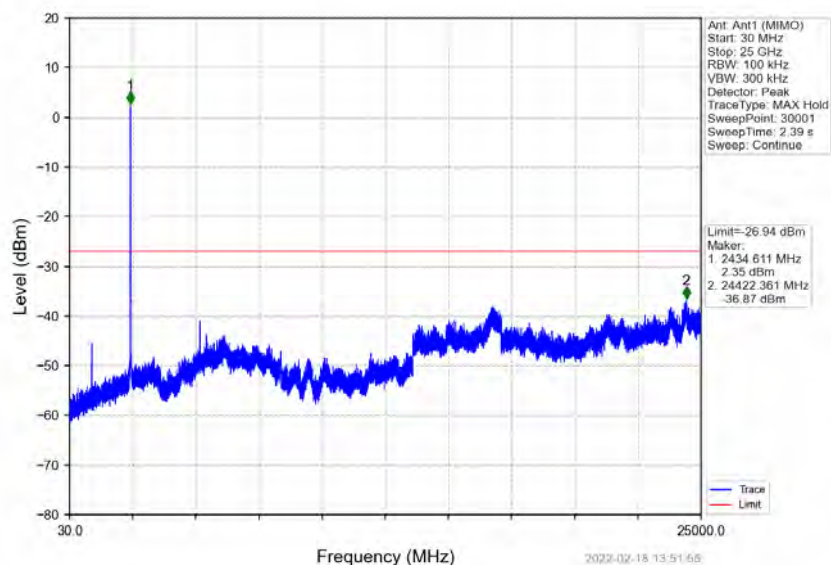
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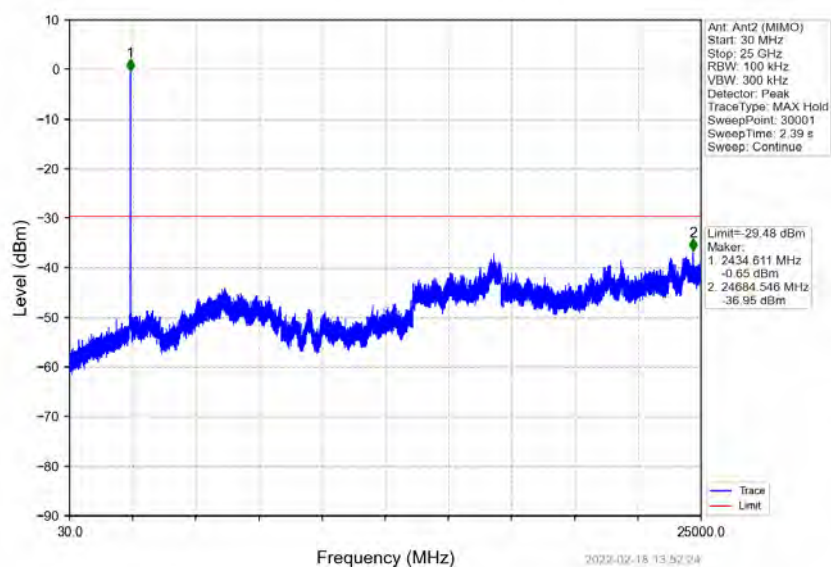
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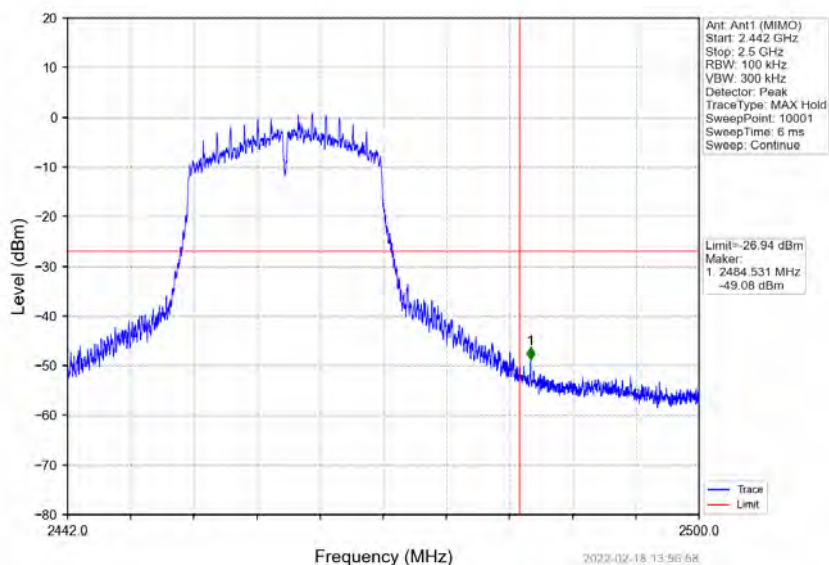
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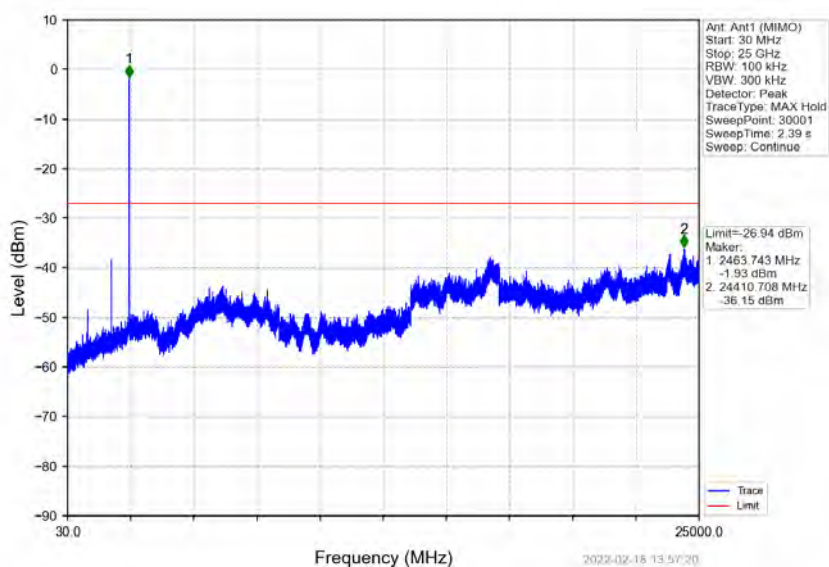
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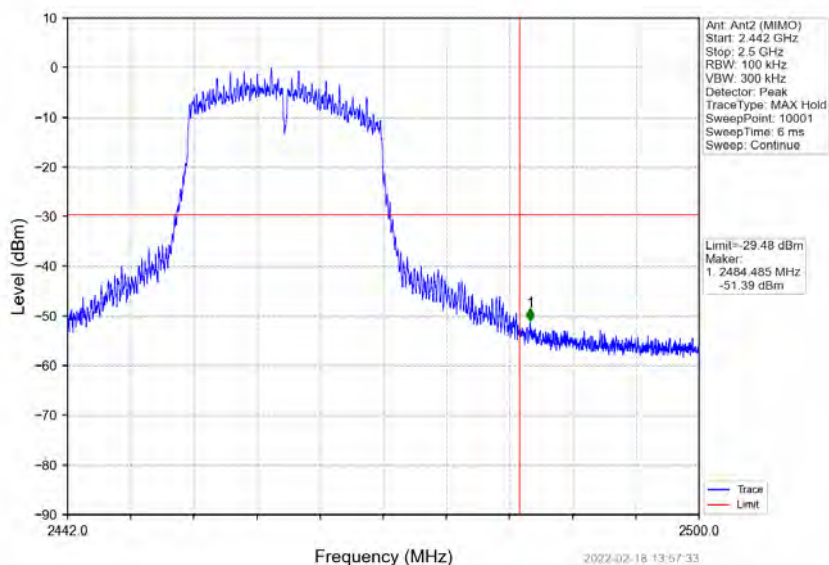
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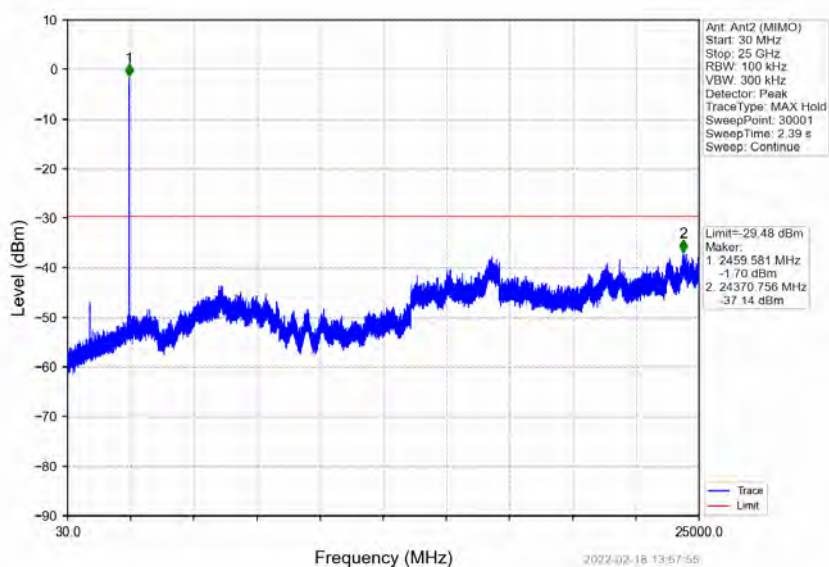
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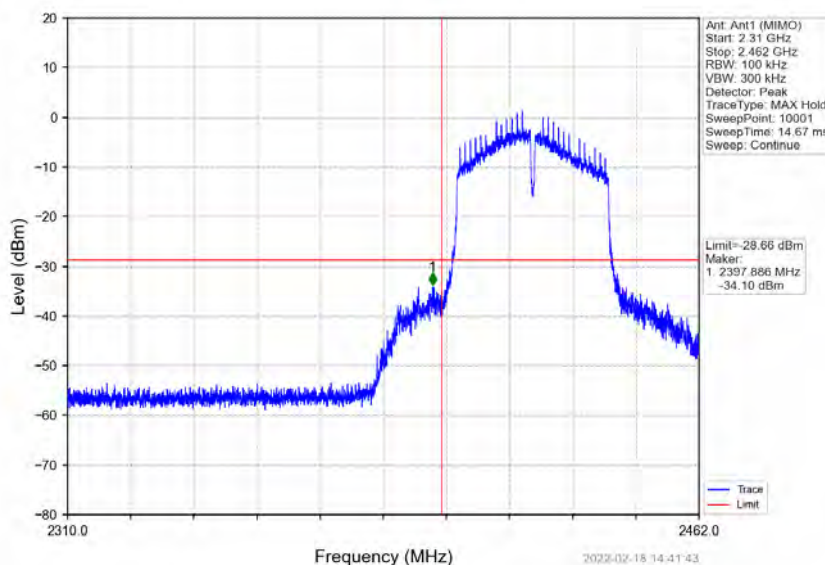
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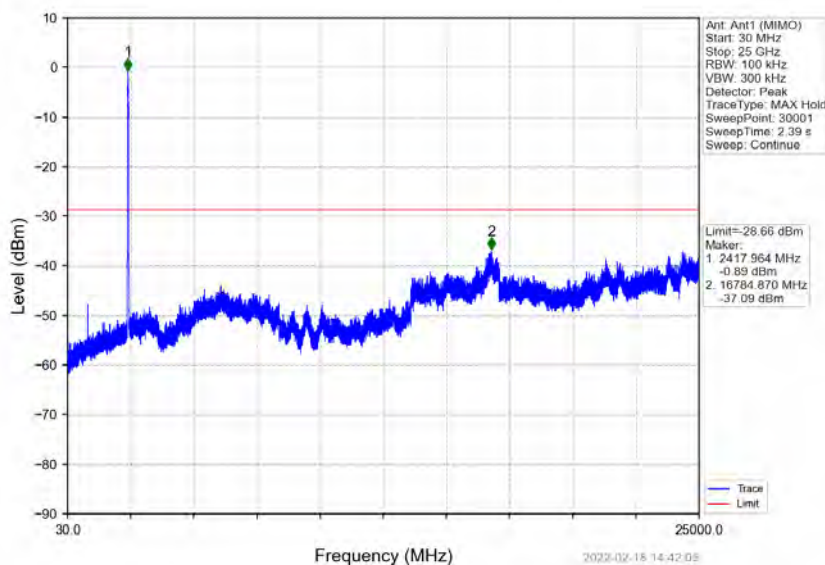
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802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



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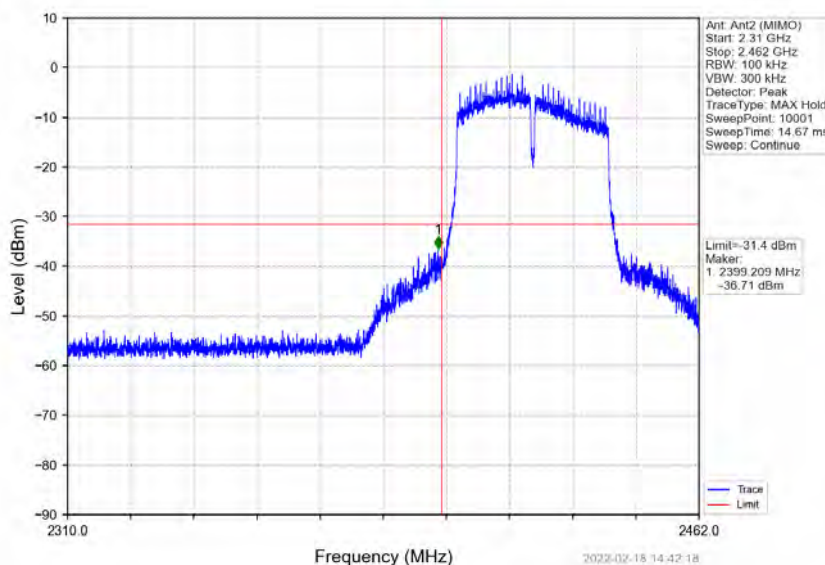
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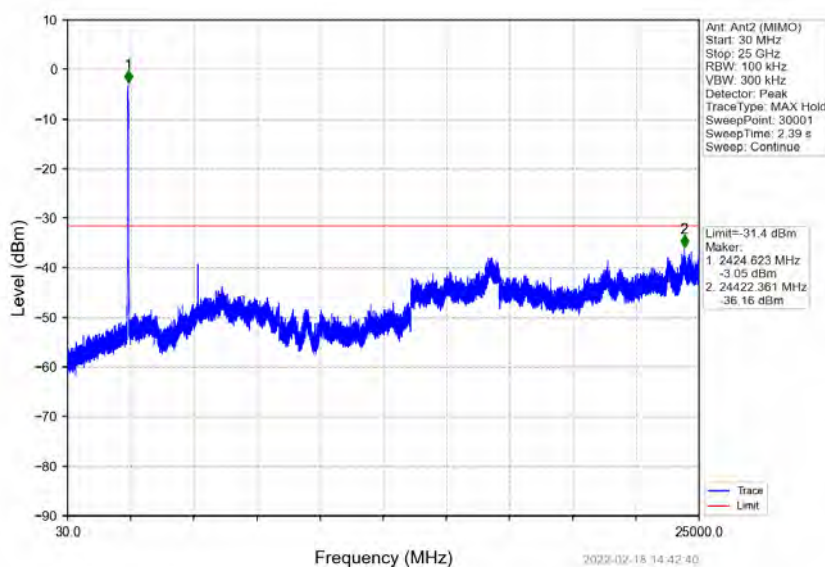
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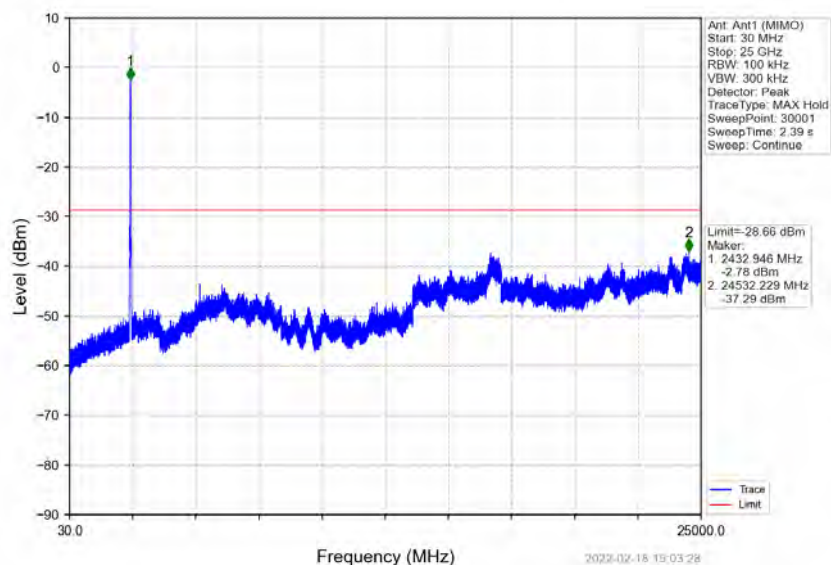
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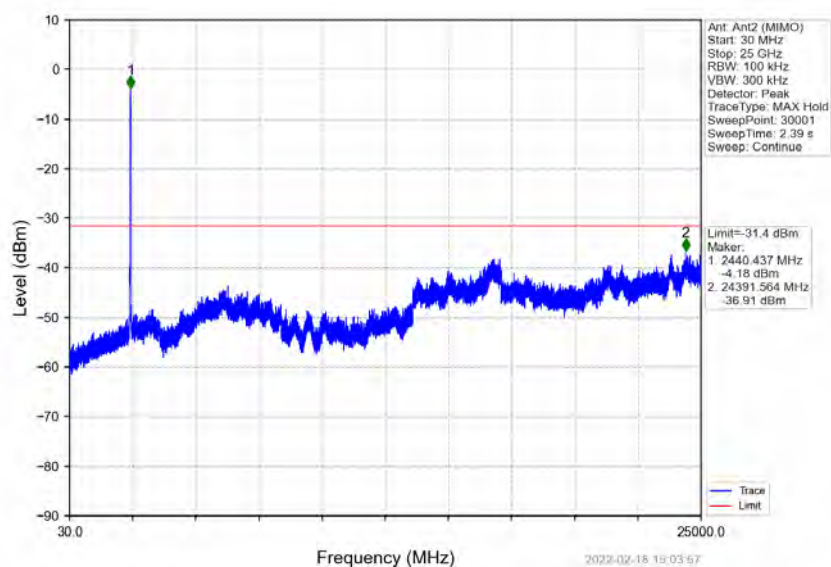
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802.11n(HT40) MCH\_2437MHz\_Ant1 (MIMO) NTN



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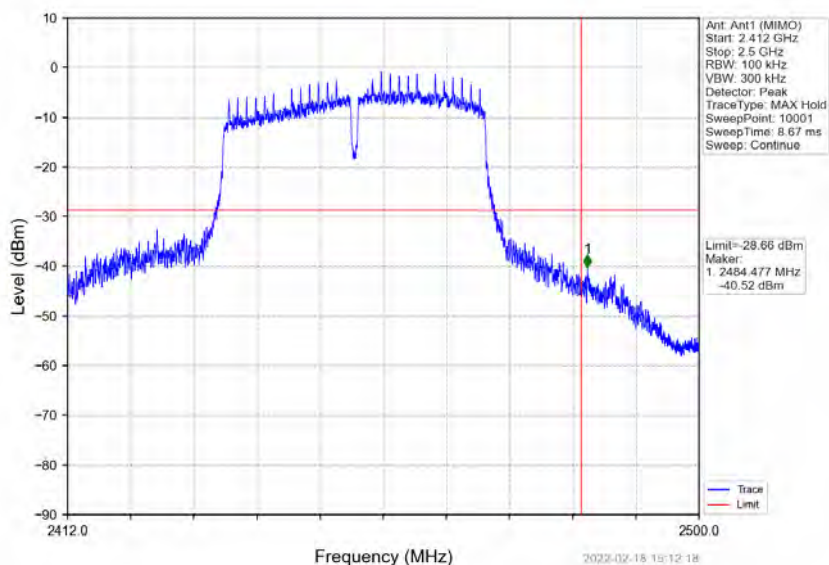
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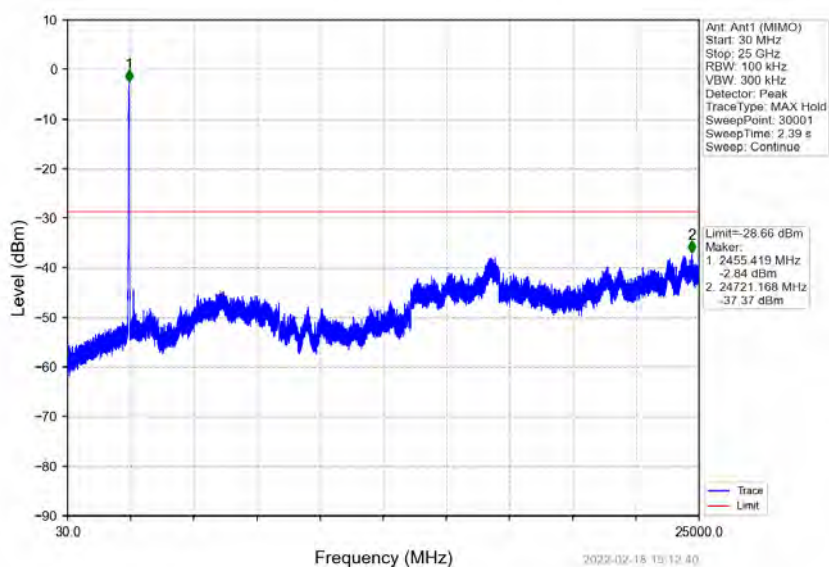
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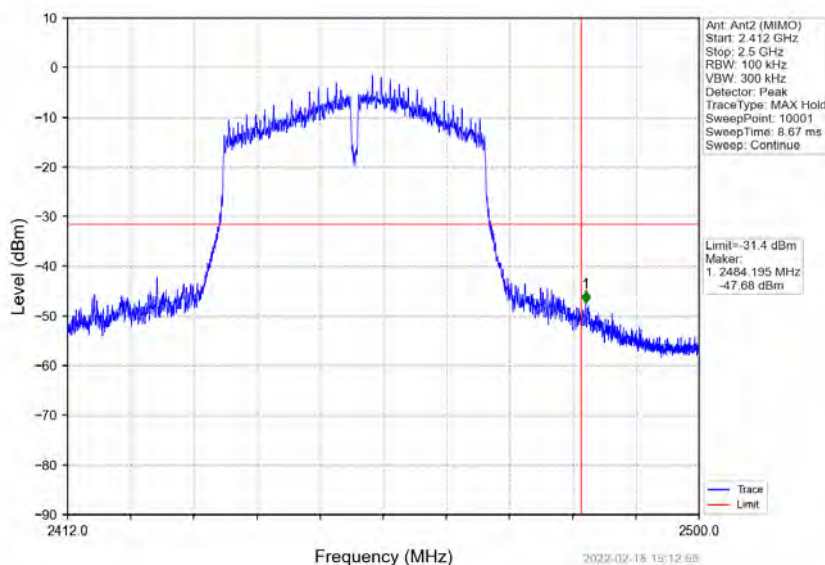
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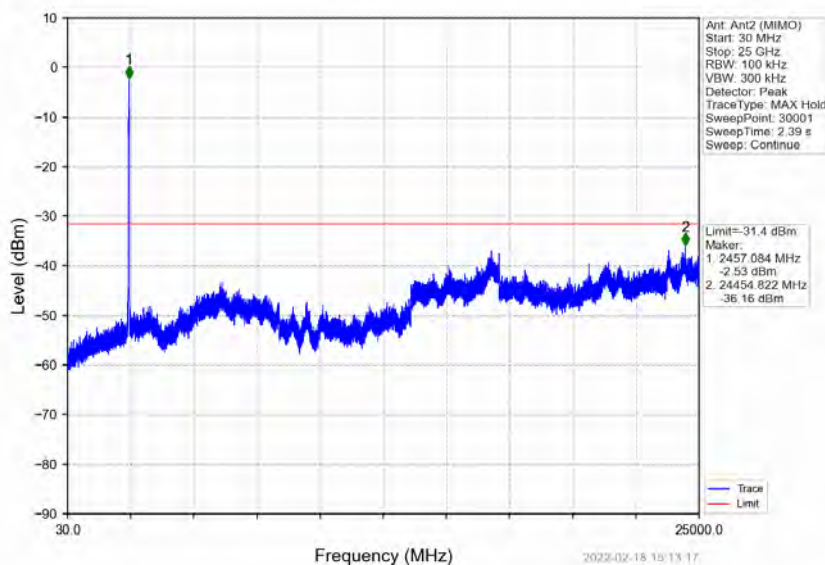
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