

## 1. Duty Cycle

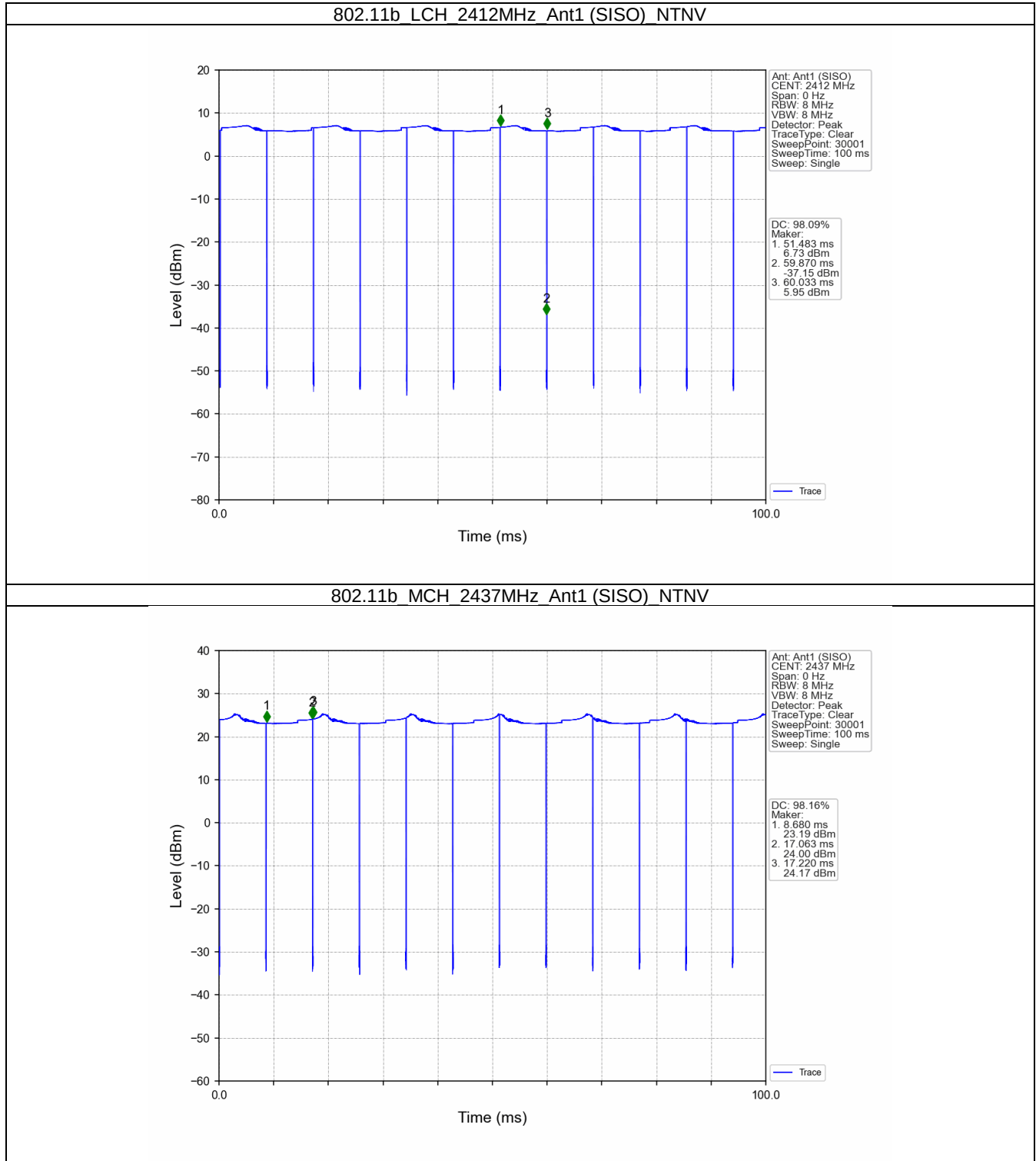
### 1.1 Test Result

#### 1.1.1 Ant1

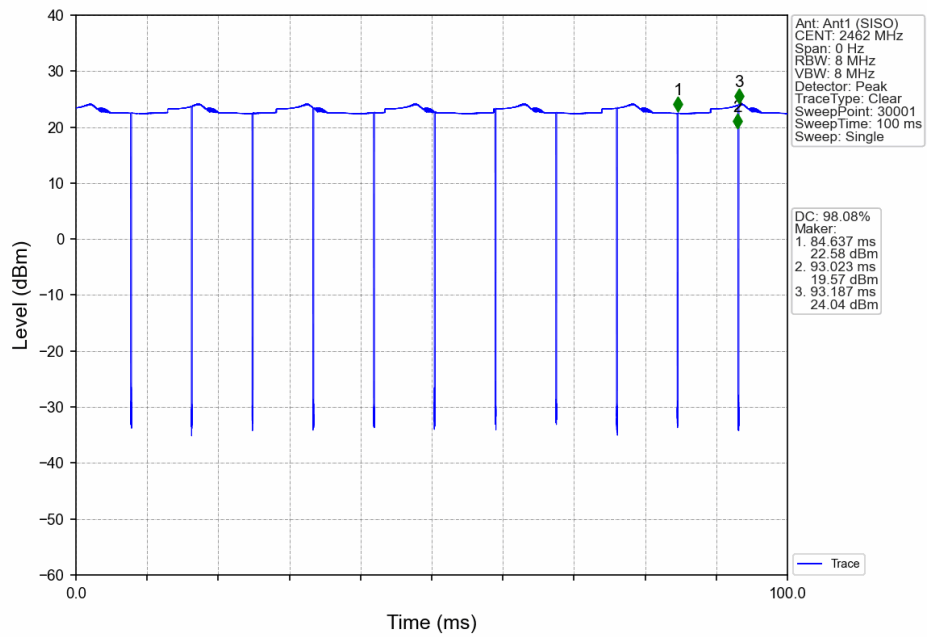
| Ant1             |         |                 |       |        |           |             |                |                                   |                       |
|------------------|---------|-----------------|-------|--------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11b          | SISO    | 2412            | /     | /      | 8.387     | 8.550       | 98.09          | 0.08                              | 0.31                  |
|                  |         | 2437            | /     | /      | 8.383     | 8.540       | 98.16          | 0.08                              | 0.12                  |
|                  |         | 2462            | /     | /      | 8.386     | 8.550       | 98.08          | 0.08                              | 0.19                  |
| 802.11g          | SISO    | 2412            | /     | /      | 1.393     | 1.553       | 89.70          | 0.47                              | 1.00                  |
|                  |         | 2437            | /     | /      | 1.393     | 1.554       | 89.64          | 0.47                              | 1.06                  |
|                  |         | 2462            | /     | /      | 1.393     | 1.545       | 90.16          | 0.45                              | 0.57                  |
| 802.11n (HT20)   | SISO    | 2412            | /     | /      | 1.174     | 1.336       | 87.87          | 0.56                              | 1.21                  |
|                  |         | 2437            | /     | /      | 1.174     | 1.336       | 87.87          | 0.56                              | 1.19                  |
|                  |         | 2462            | /     | /      | 1.174     | 1.336       | 87.87          | 0.56                              | 1.21                  |
| 802.11n (HT40)   | SISO    | 2422            | /     | /      | 0.587     | 0.748       | 78.48          | 1.05                              | 1.93                  |
|                  |         | 2437            | /     | /      | 0.587     | 0.730       | 80.41          | 0.95                              | 1.05                  |
|                  |         | 2452            | /     | /      | 0.587     | 0.730       | 80.41          | 0.95                              | 1.05                  |
| 802.11n (HT20)   | MIMO    | 2412            | /     | /      | 1.174     | 1.336       | 87.87          | 0.56                              | 1.21                  |
|                  |         | 2437            | /     | /      | 1.174     | 1.336       | 87.87          | 0.56                              | 1.85                  |
|                  |         | 2462            | /     | /      | 1.174     | 1.363       | 86.13          | 0.65                              | 3.54                  |
| 802.11n (HT40)   | MIMO    | 2422            | /     | /      | 0.587     | 0.748       | 78.48          | 1.05                              | 1.93                  |
|                  |         | 2437            | /     | /      | 0.587     | 0.748       | 78.48          | 1.05                              | 1.96                  |
|                  |         | 2452            | /     | /      | 0.587     | 0.748       | 78.48          | 1.05                              | 1.97                  |
| 802.11ax (HEW20) | SISO    | 2412            | RU242 | Left   | 1.174     | 1.336       | 87.87          | 0.56                              | 1.78                  |
|                  |         | 2437            | RU242 | Left   | 1.174     | 1.363       | 86.13          | 0.65                              | 2.98                  |
|                  |         | 2462            | RU242 | Left   | 1.174     | 1.336       | 87.87          | 0.56                              | 1.22                  |
| 802.11ax (HEW40) | SISO    | 2422            | RU484 | Left   | 0.588     | 0.757       | 77.68          | 1.10                              | 2.88                  |
|                  |         | 2437            | RU484 | Left   | 0.587     | 0.748       | 78.48          | 1.05                              | 1.93                  |
|                  |         | 2452            | RU484 | Left   | 0.587     | 0.739       | 79.43          | 1.00                              | 1.00                  |
| 802.11ax (HEW20) | MIMO    | 2412            | RU242 | Left   | 1.174     | 1.336       | 87.87          | 0.56                              | 1.21                  |
|                  |         | 2437            | RU242 | Left   | 1.175     | 1.337       | 87.88          | 0.56                              | 1.22                  |
|                  |         | 2462            | RU242 | Left   | 1.174     | 1.336       | 87.87          | 0.56                              | 1.22                  |
| 802.11ax (HEW40) | MIMO    | 2422            | RU484 | Left   | 0.588     | 0.748       | 78.61          | 1.05                              | 1.96                  |
|                  |         | 2437            | RU484 | Left   | 0.587     | 0.748       | 78.48          | 1.05                              | 1.96                  |
|                  |         | 2452            | RU484 | Left   | 0.587     | 0.748       | 78.48          | 1.05                              | 2.92                  |

## 1.2 Test Graph

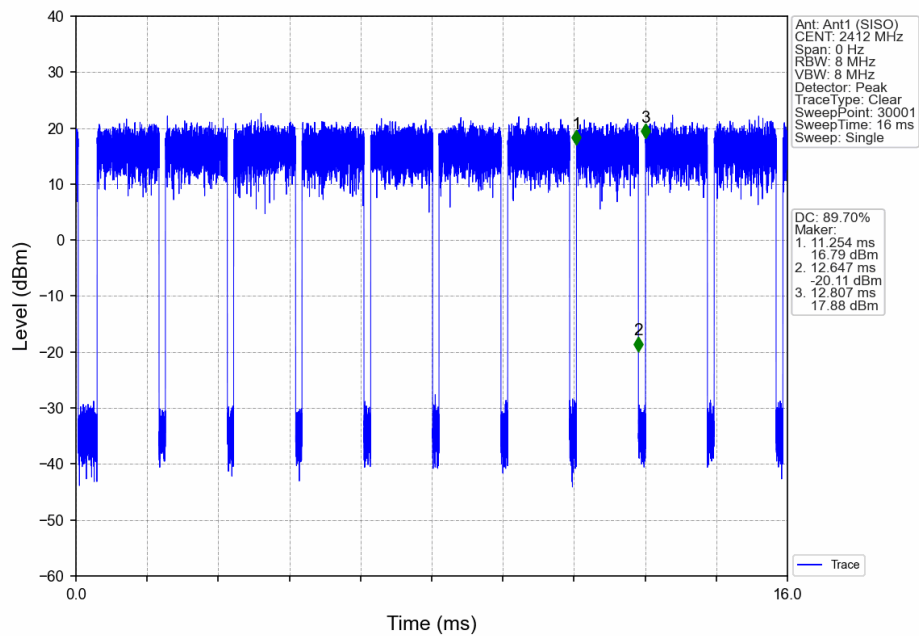
### 1.2.1 Ant1



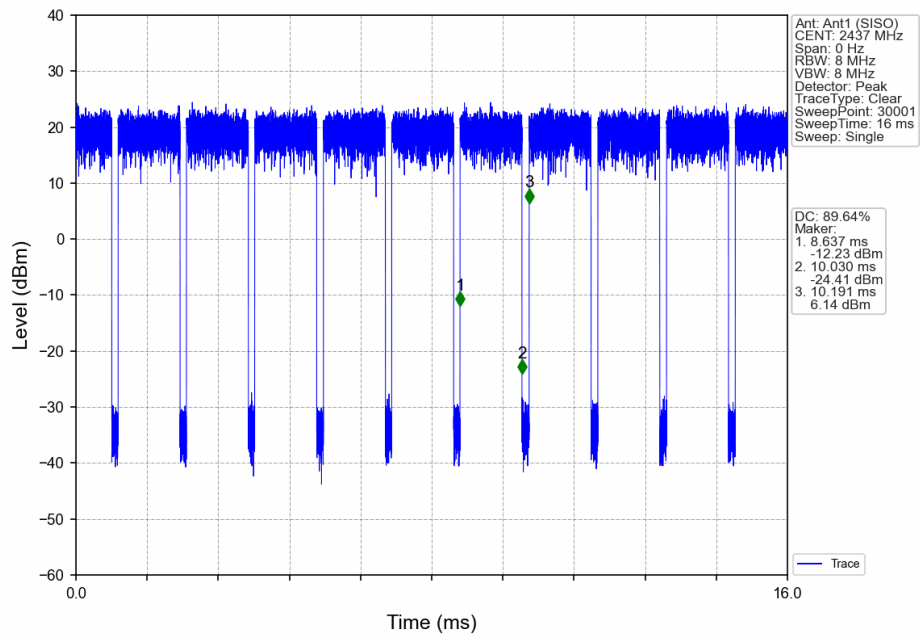
## 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



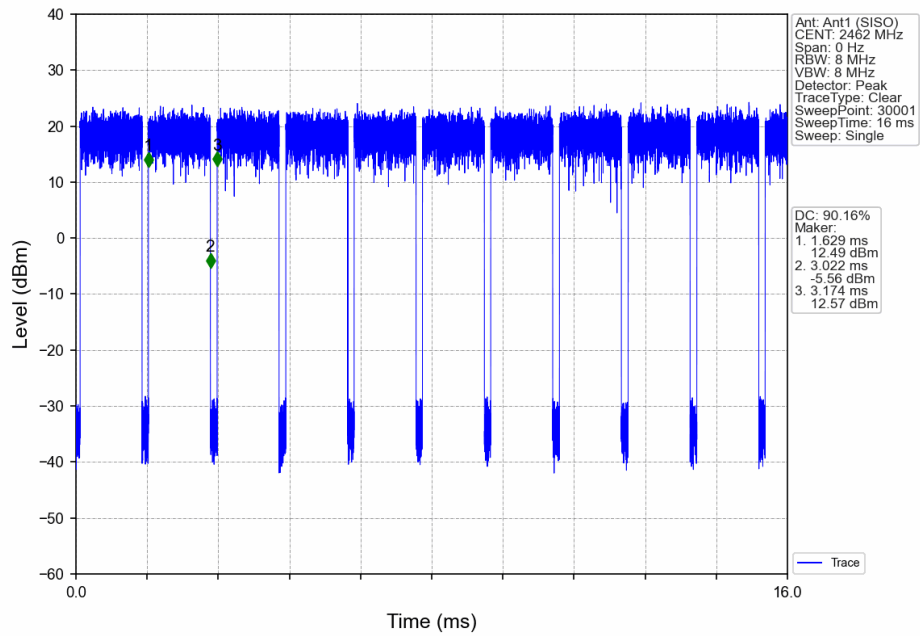
## 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



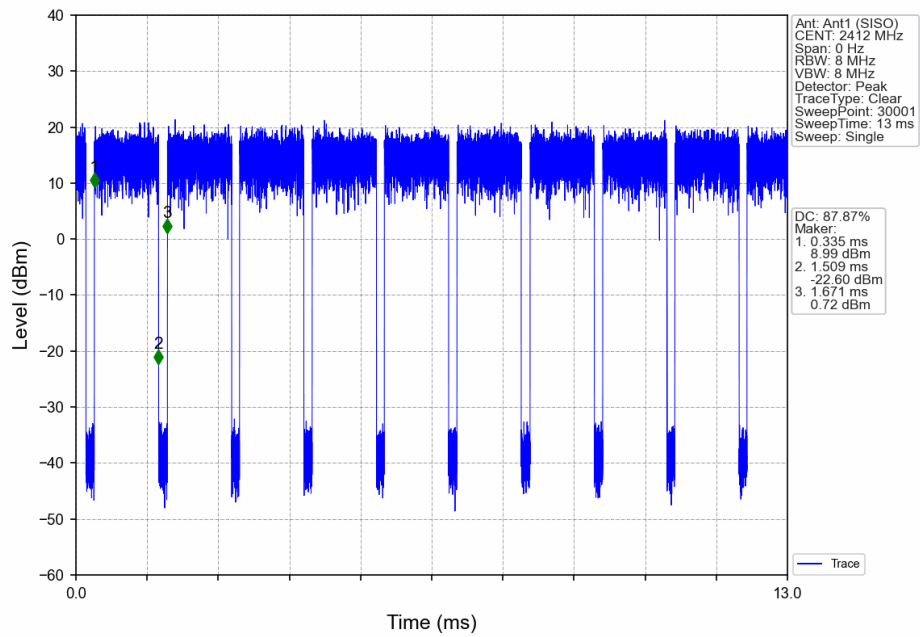
## 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



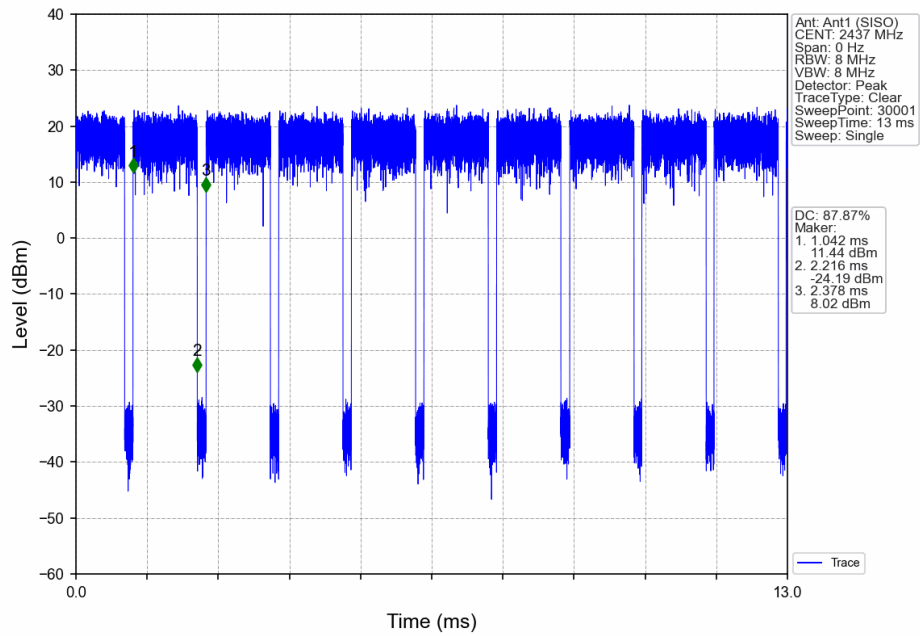
## 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



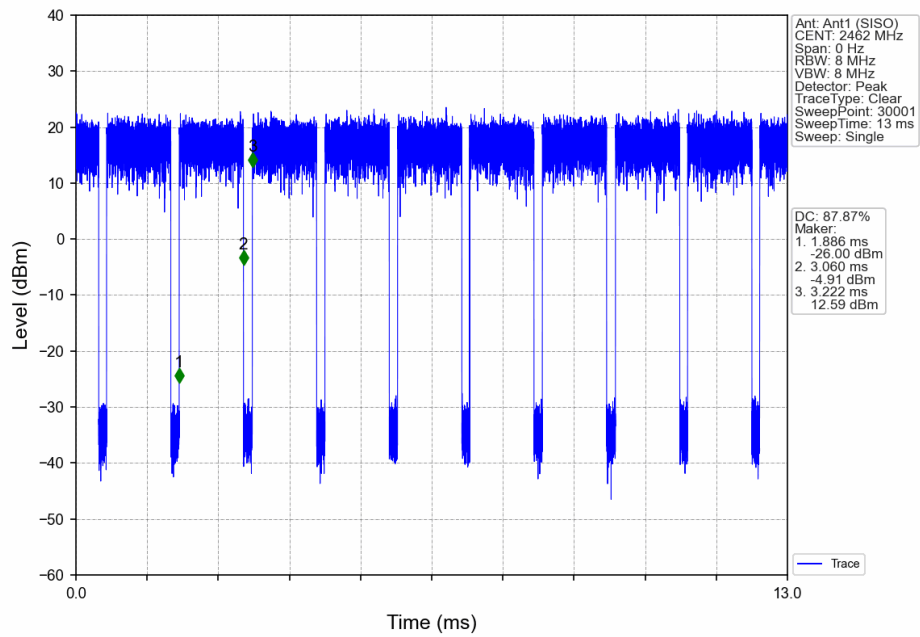
## 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



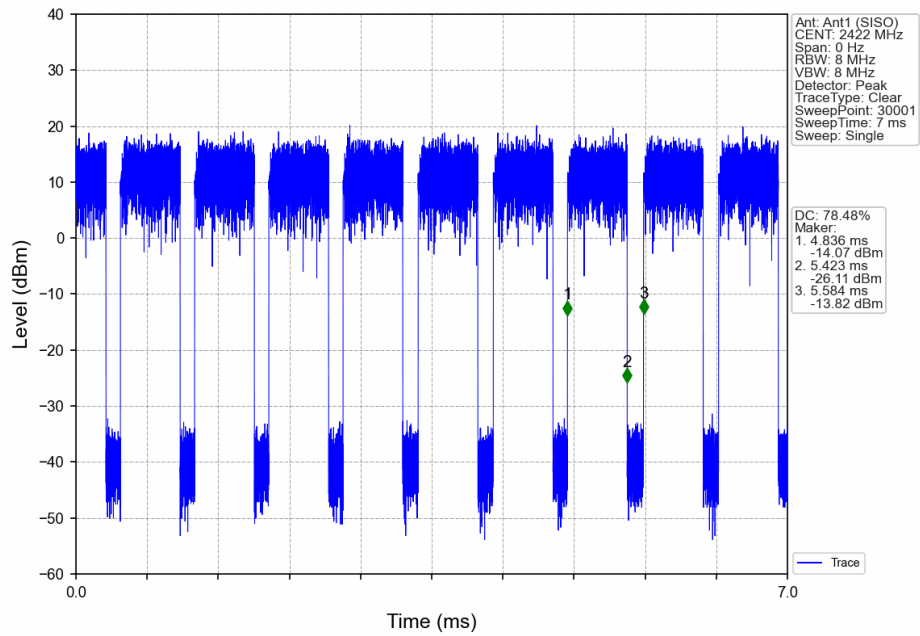
## 802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



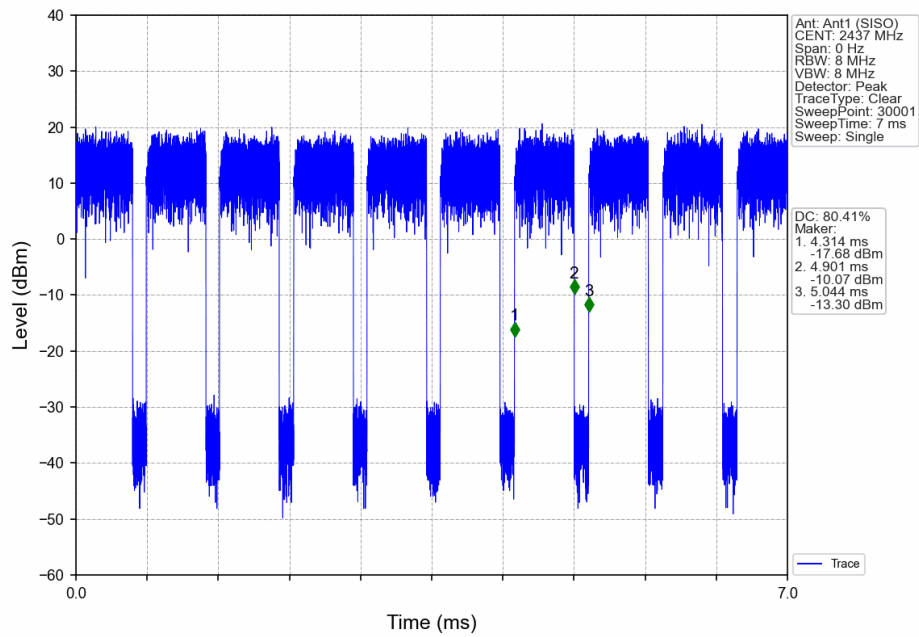
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



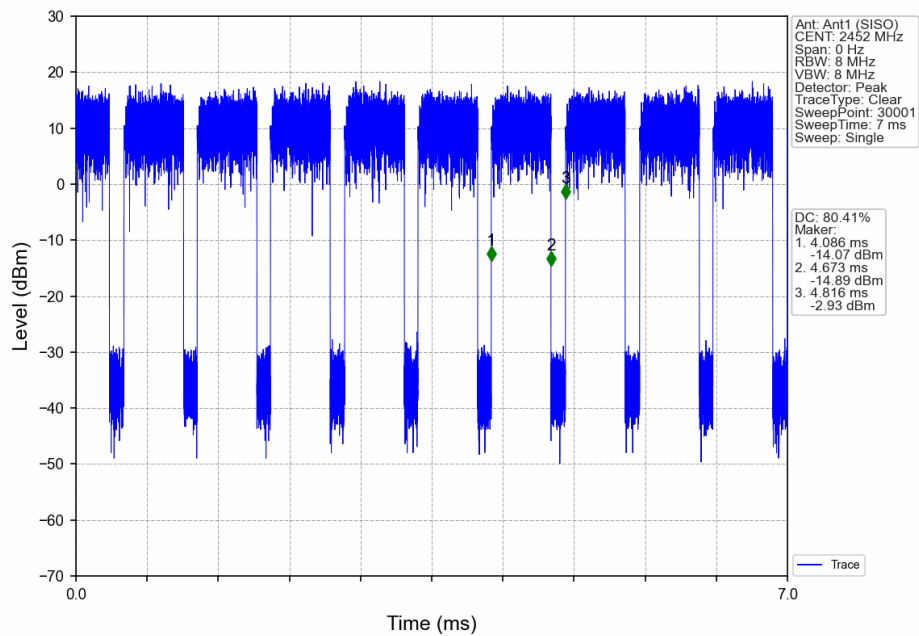
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



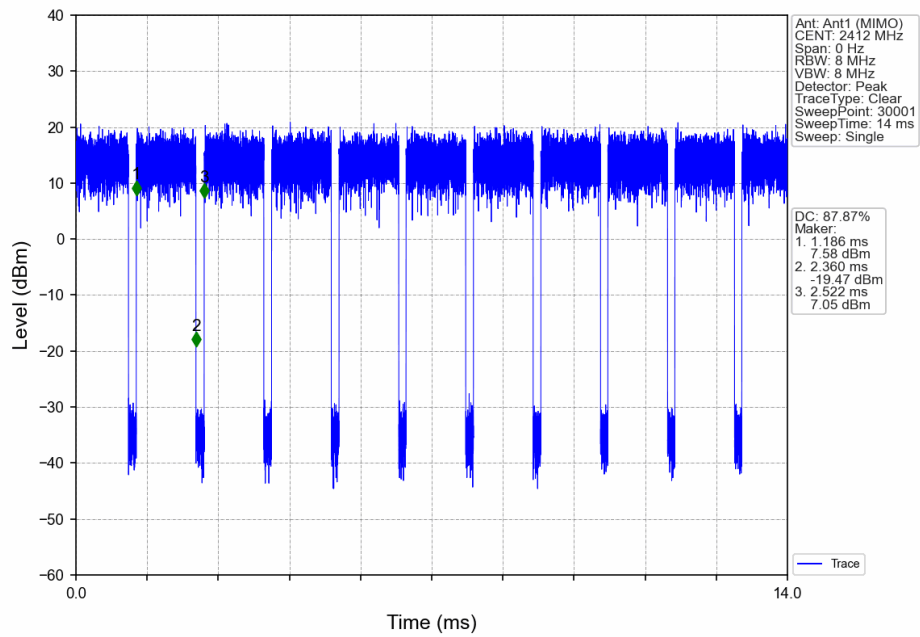
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



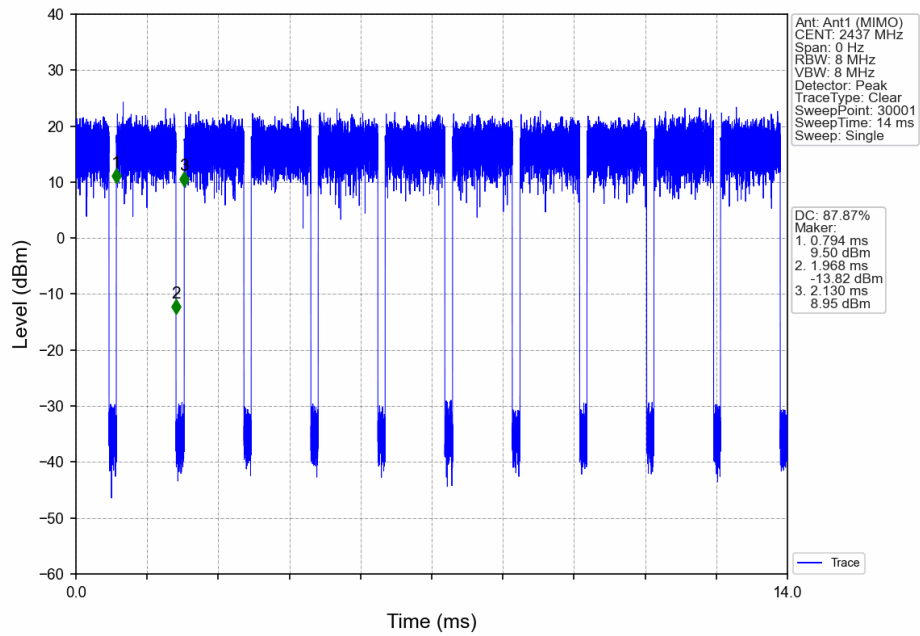
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



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

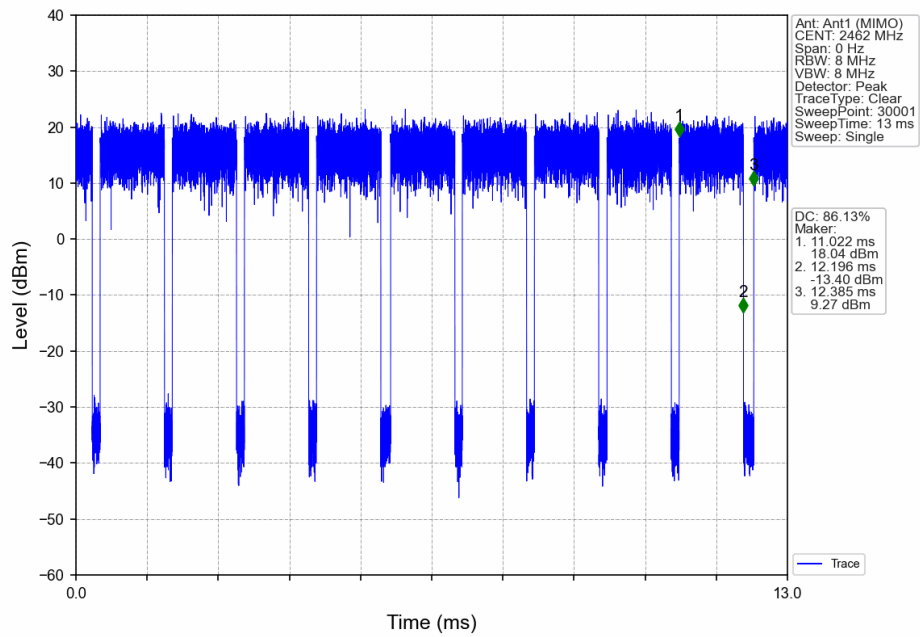


802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV

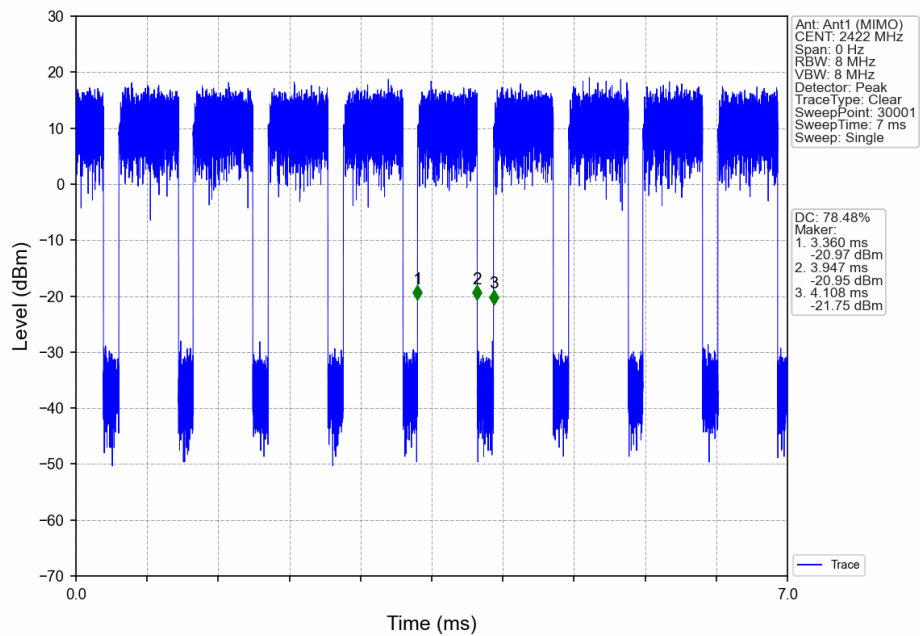




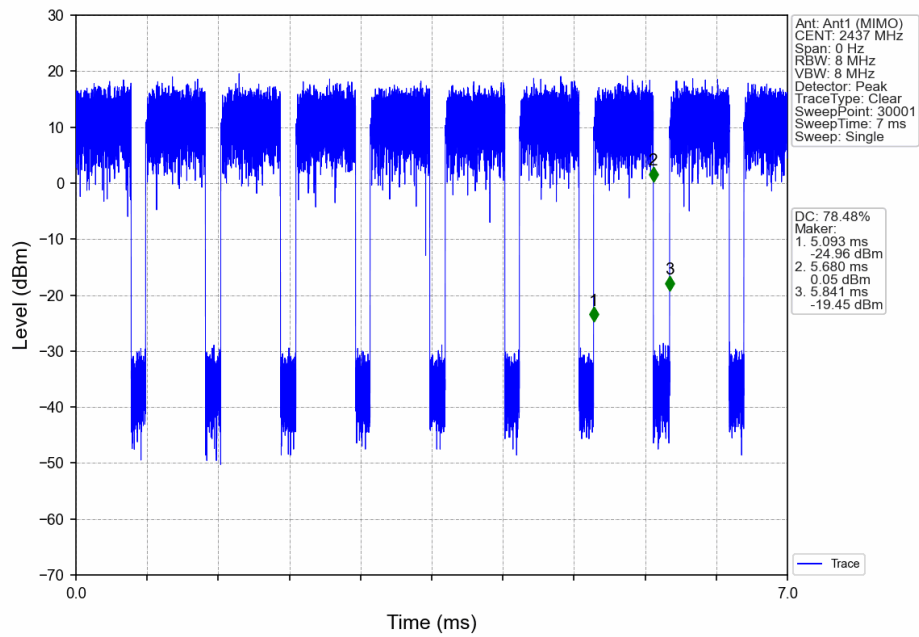
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



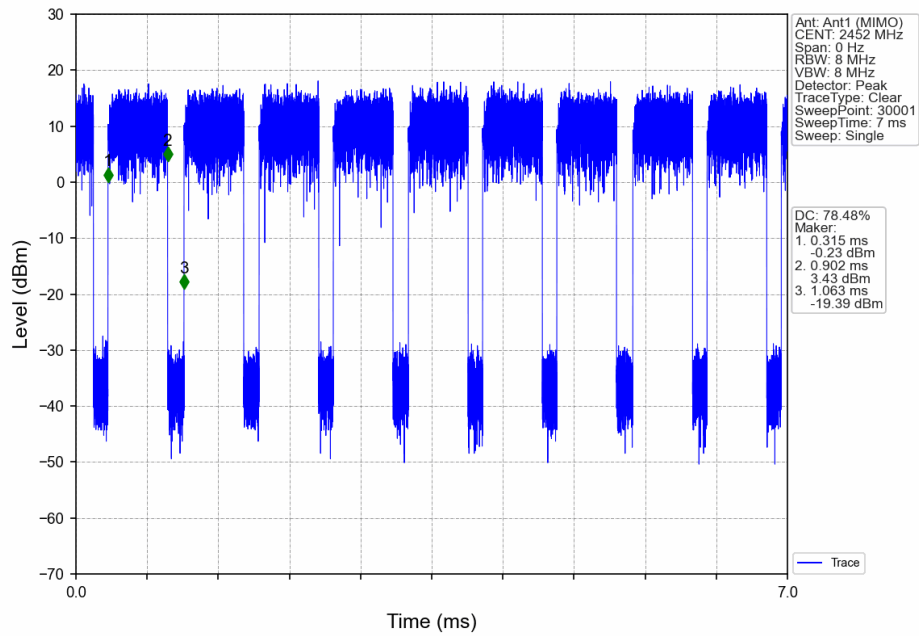
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



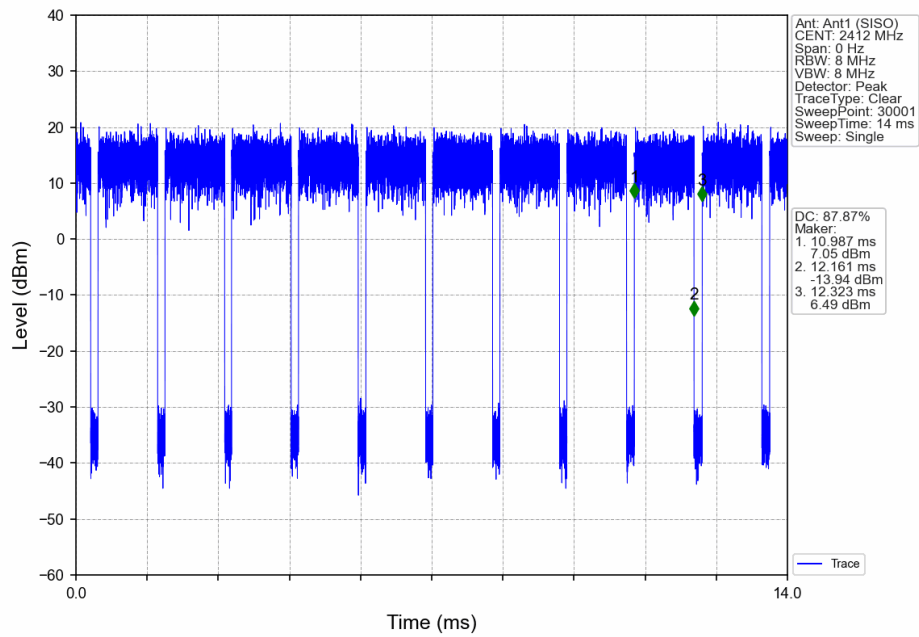
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



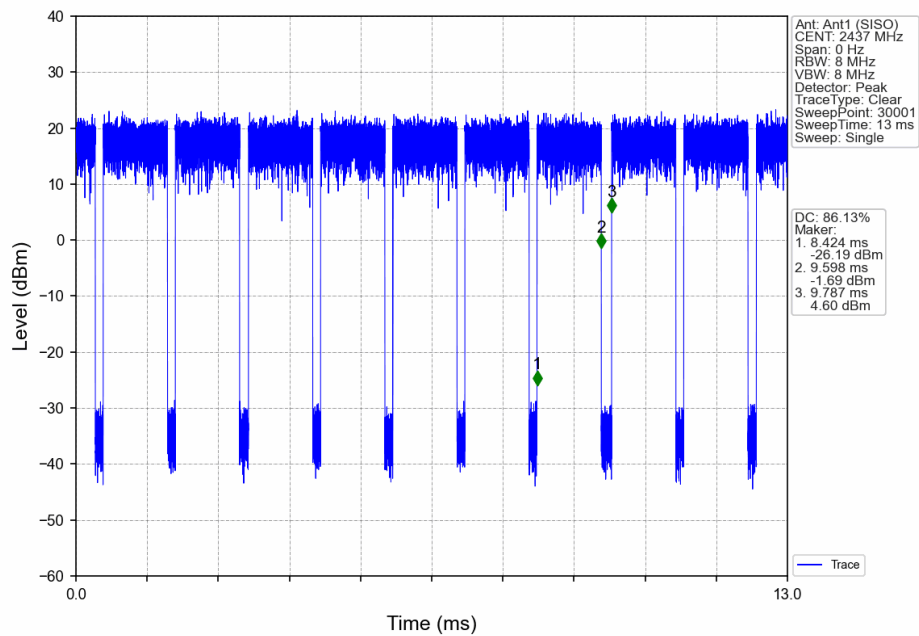
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



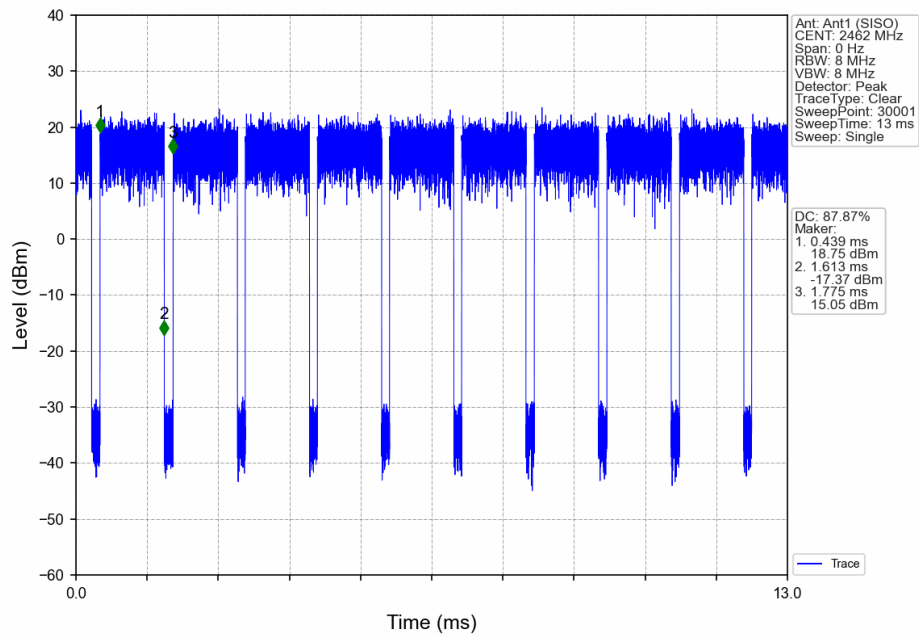
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



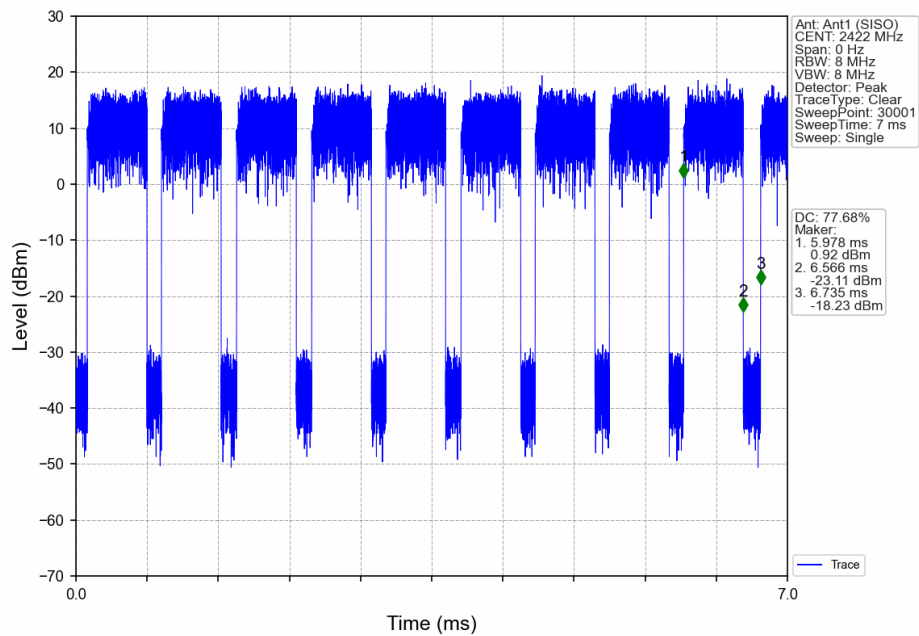
802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



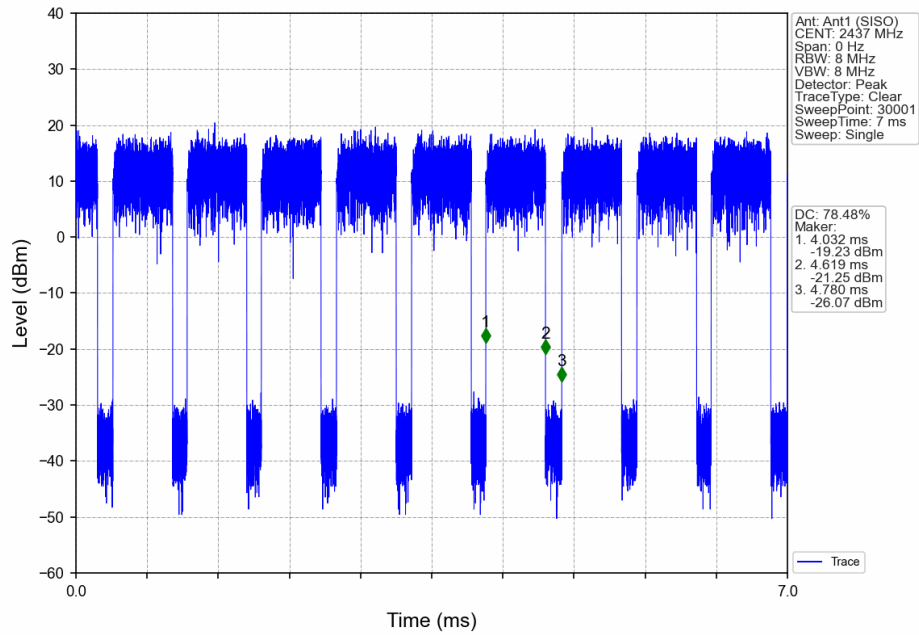
## 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



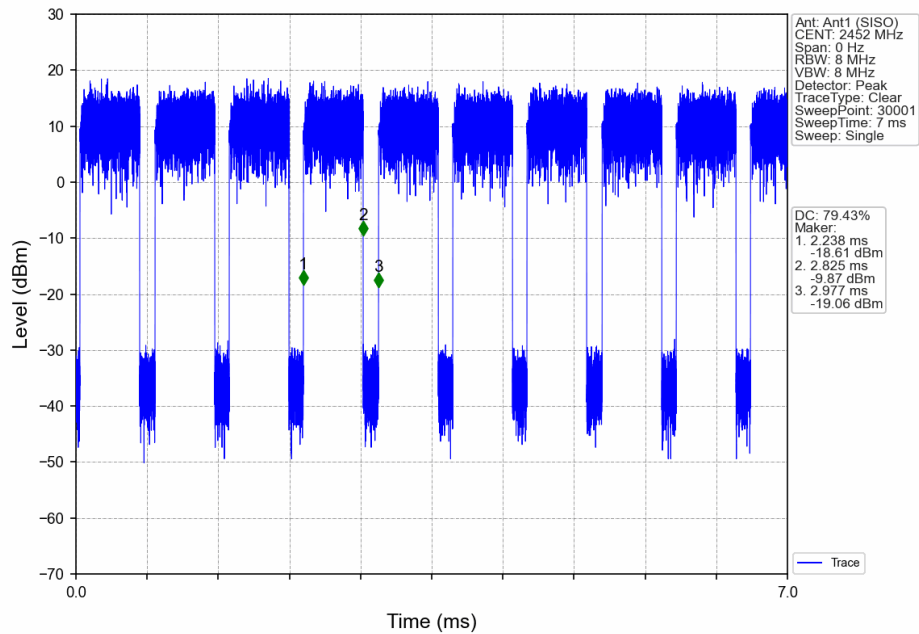
## 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



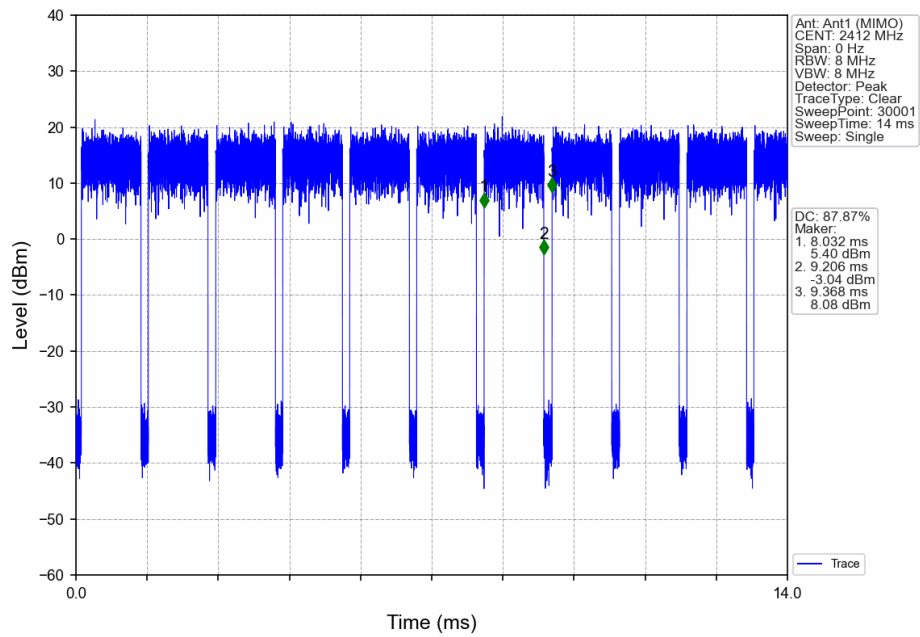
802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



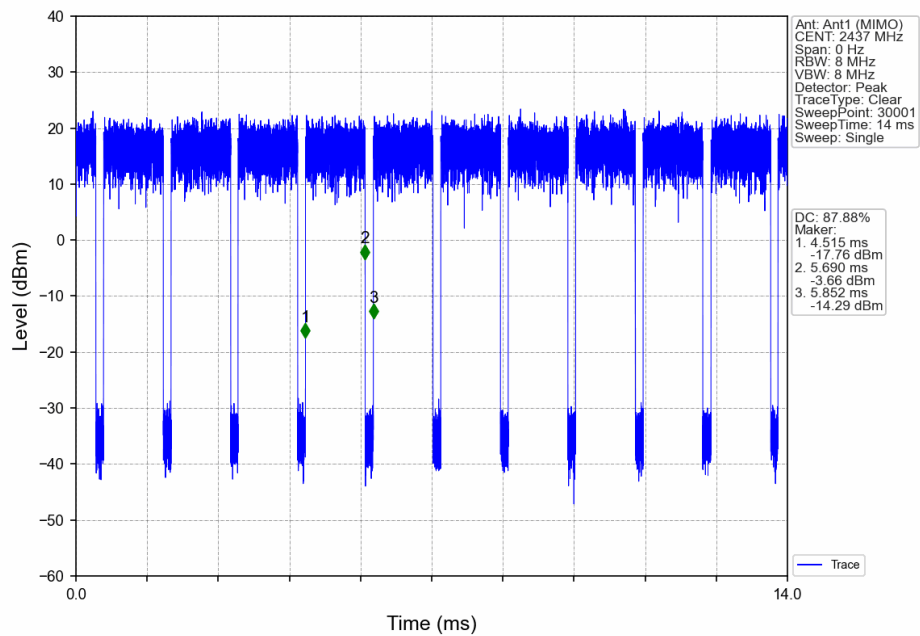
802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



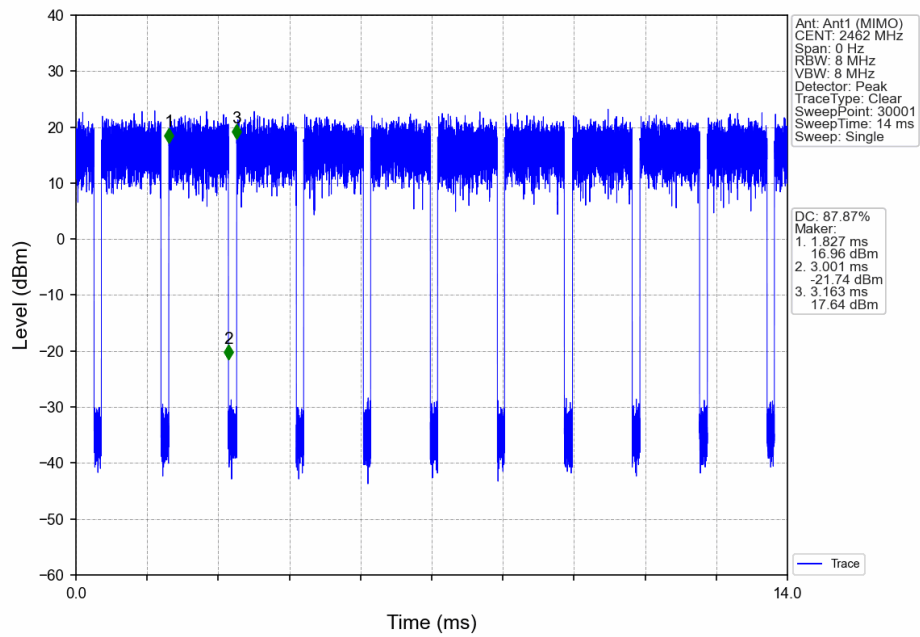
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



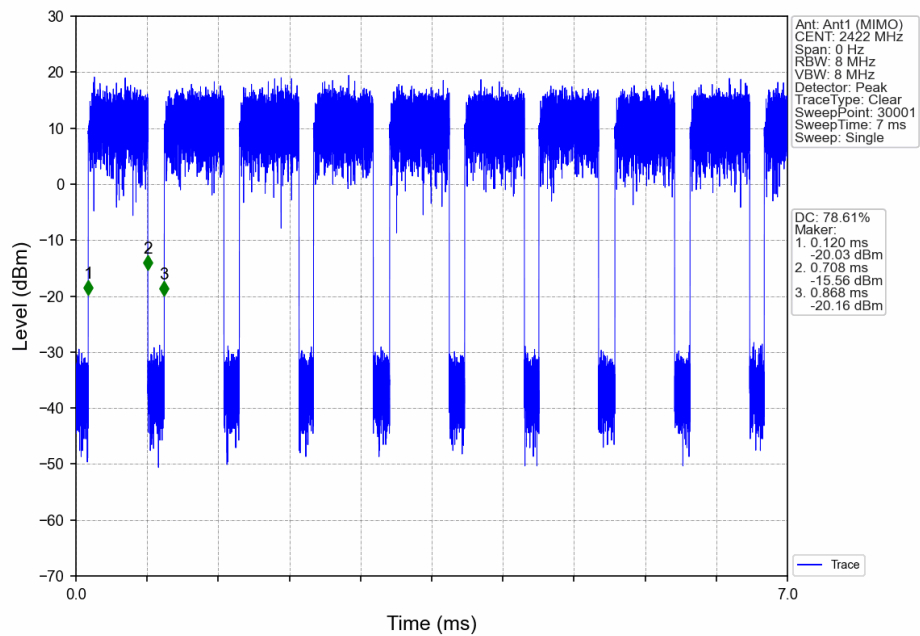
802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



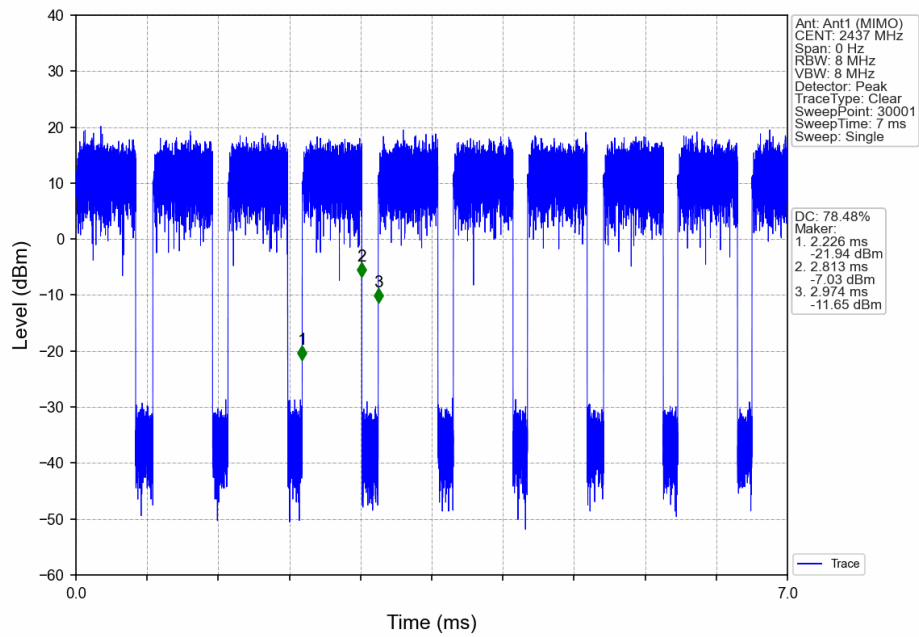
802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



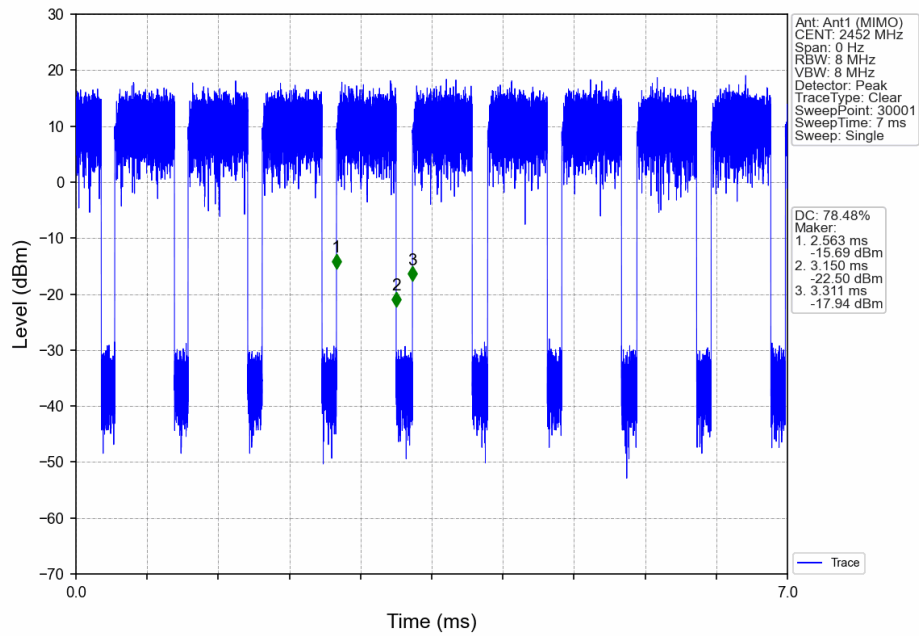
802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV





## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------------------|---------|-----------------|-------|--------|-----|------------------------------|-------|---------|
|                  |         |                 |       |        |     | Result                       | Limit |         |
| 802.11b          | SISO    | 2412            | /     | /      | 1   | 12.073                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 12.628                       | /     | Pass    |
|                  |         | 2462            | /     | /      | 1   | 12.335                       | /     | Pass    |
| 802.11g          | SISO    | 2412            | /     | /      | 1   | 17.664                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 21.775                       | /     | Pass    |
|                  |         | 2462            | /     | /      | 1   | 18.447                       | /     | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /     | /      | 1   | 18.421                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 18.921                       | /     | Pass    |
|                  |         | 2462            | /     | /      | 1   | 18.852                       | /     | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /     | /      | 1   | 36.406                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 37.639                       | /     | Pass    |
|                  |         | 2452            | /     | /      | 1   | 37.004                       | /     | Pass    |
| 802.11n (HT20)   | MIMO    | 2412            | /     | /      | 1   | 18.382                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 20.294                       | /     | Pass    |
|                  |         | 2462            | /     | /      | 1   | 18.881                       | /     | Pass    |
| 802.11n (HT40)   | MIMO    | 2422            | /     | /      | 1   | 36.377                       | /     | Pass    |
|                  |         | 2437            | /     | /      | 1   | 37.753                       | /     | Pass    |
|                  |         | 2452            | /     | /      | 1   | 37.017                       | /     | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | RU242 | Left   | 1   | 18.488                       | /     | Pass    |
|                  |         | 2437            | RU242 | Left   | 1   | 19.373                       | /     | Pass    |
|                  |         | 2462            | RU242 | Left   | 1   | 18.781                       | /     | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | RU484 | Left   | 1   | 36.348                       | /     | Pass    |
|                  |         | 2437            | RU484 | Left   | 1   | 37.472                       | /     | Pass    |
|                  |         | 2452            | RU484 | Left   | 1   | 37.072                       | /     | Pass    |
| 802.11ax (HEW20) | MIMO    | 2412            | RU242 | Left   | 1   | 18.407                       | /     | Pass    |
|                  |         | 2437            | RU242 | Left   | 1   | 19.834                       | /     | Pass    |
|                  |         | 2462            | RU242 | Left   | 1   | 18.922                       | /     | Pass    |
| 802.11ax (HEW40) | MIMO    | 2422            | RU484 | Left   | 1   | 36.409                       | /     | Pass    |
|                  |         | 2437            | RU484 | Left   | 1   | 37.629                       | /     | Pass    |
|                  |         | 2452            | RU484 | Left   | 1   | 37.128                       | /     | Pass    |

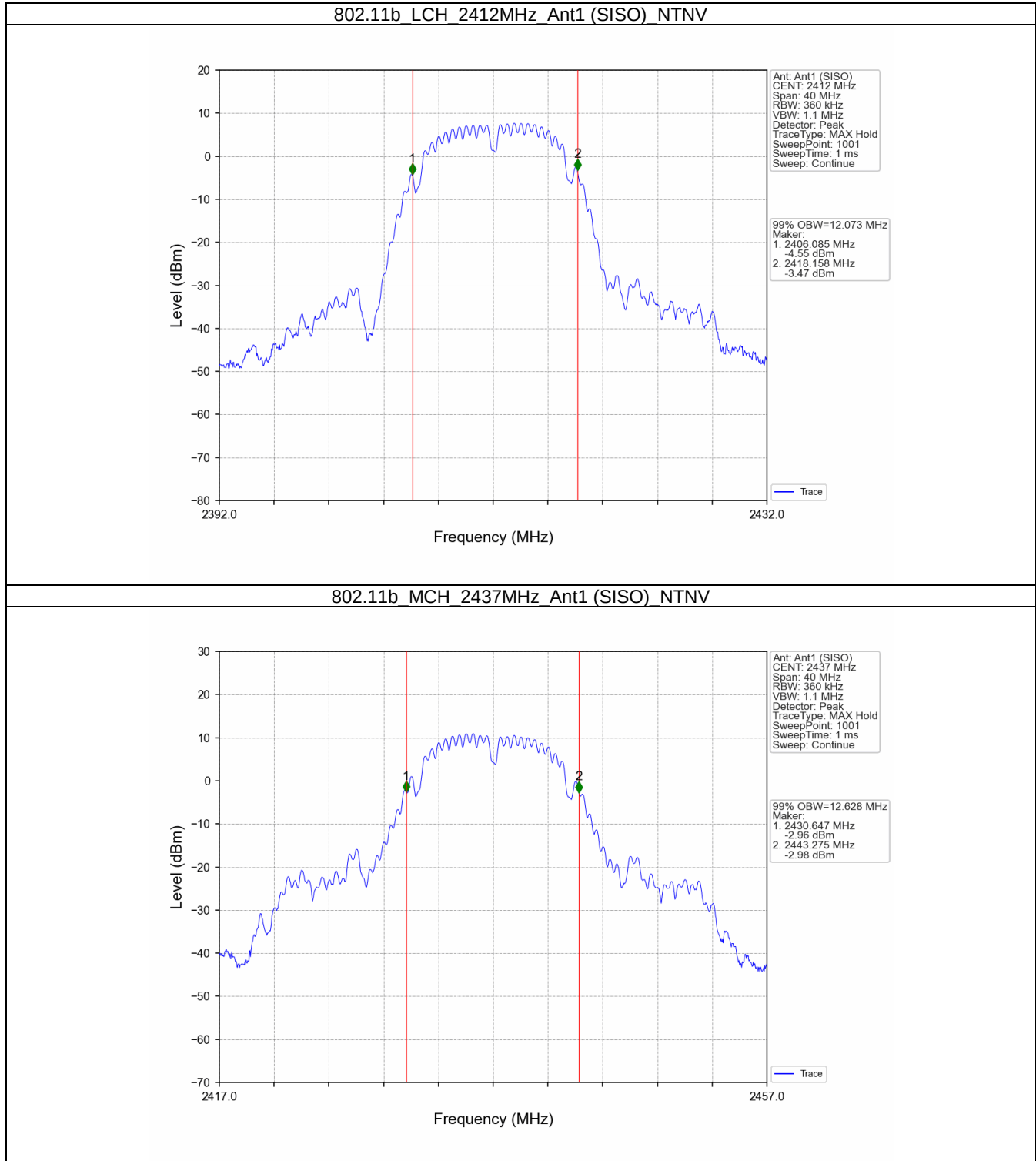
#### 2.1.2 6dB BW

| Mode           | TX Type | Frequency (MHz) | RU | RU Pos | ANT | 6dB Bandwidth (MHz) |       | Verdict |
|----------------|---------|-----------------|----|--------|-----|---------------------|-------|---------|
|                |         |                 |    |        |     | Result              | Limit |         |
| 802.11b        | SISO    | 2412            | /  | /      | 1   | 9.569               | >=0.5 | Pass    |
|                |         | 2437            | /  | /      | 1   | 9.562               | >=0.5 | Pass    |
|                |         | 2462            | /  | /      | 1   | 10.064              | >=0.5 | Pass    |
| 802.11g        | SISO    | 2412            | /  | /      | 1   | 15.767              | >=0.5 | Pass    |
|                |         | 2437            | /  | /      | 1   | 16.384              | >=0.5 | Pass    |
|                |         | 2462            | /  | /      | 1   | 16.374              | >=0.5 | Pass    |
| 802.11n (HT20) | SISO    | 2412            | /  | /      | 1   | 16.369              | >=0.5 | Pass    |
|                |         | 2437            | /  | /      | 1   | 16.941              | >=0.5 | Pass    |
|                |         | 2462            | /  | /      | 1   | 17.296              | >=0.5 | Pass    |

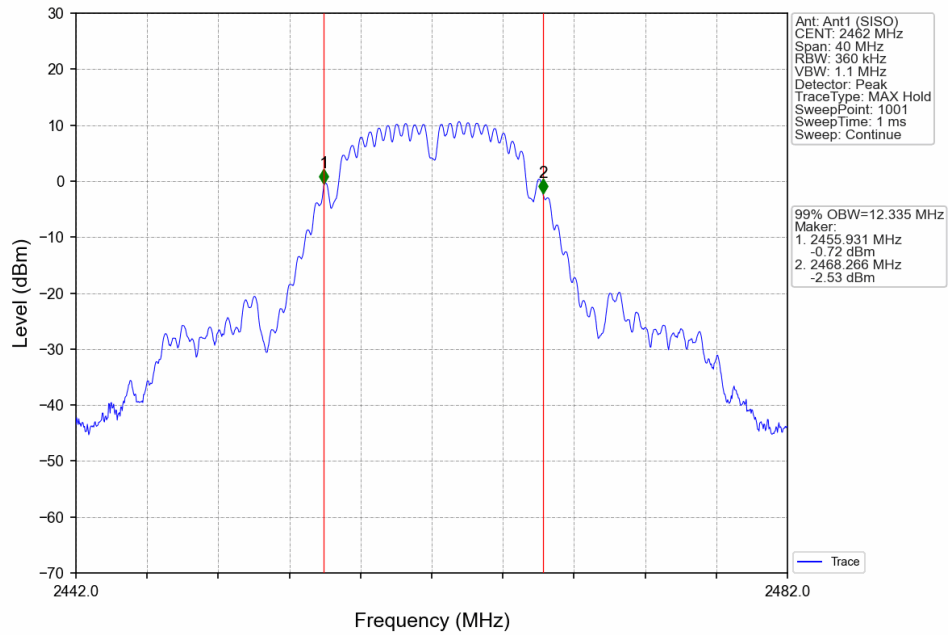
|                     |      |      |       |      |   |        |            |      |
|---------------------|------|------|-------|------|---|--------|------------|------|
| 802.11n<br>(HT40)   | SISO | 2422 | /     | /    | 1 | 35.170 | $\geq 0.5$ | Pass |
|                     |      | 2437 | /     | /    | 1 | 35.987 | $\geq 0.5$ | Pass |
|                     |      | 2452 | /     | /    | 1 | 35.685 | $\geq 0.5$ | Pass |
| 802.11n<br>(HT20)   | MIMO | 2412 | /     | /    | 1 | 16.356 | $\geq 0.5$ | Pass |
|                     |      | 2437 | /     | /    | 1 | 17.429 | $\geq 0.5$ | Pass |
|                     |      | 2462 | /     | /    | 1 | 17.183 | $\geq 0.5$ | Pass |
| 802.11n<br>(HT40)   | MIMO | 2422 | /     | /    | 1 | 35.267 | $\geq 0.5$ | Pass |
|                     |      | 2437 | /     | /    | 1 | 35.983 | $\geq 0.5$ | Pass |
|                     |      | 2452 | /     | /    | 1 | 35.714 | $\geq 0.5$ | Pass |
| 802.11ax<br>(HEW20) | SISO | 2412 | RU242 | Left | 1 | 16.244 | $\geq 0.5$ | Pass |
|                     |      | 2437 | RU242 | Left | 1 | 16.929 | $\geq 0.5$ | Pass |
|                     |      | 2462 | RU242 | Left | 1 | 17.164 | $\geq 0.5$ | Pass |
| 802.11ax<br>(HEW40) | SISO | 2422 | RU484 | Left | 1 | 35.237 | $\geq 0.5$ | Pass |
|                     |      | 2437 | RU484 | Left | 1 | 36.009 | $\geq 0.5$ | Pass |
|                     |      | 2452 | RU484 | Left | 1 | 35.802 | $\geq 0.5$ | Pass |
| 802.11ax<br>(HEW20) | MIMO | 2412 | RU242 | Left | 1 | 16.398 | $\geq 0.5$ | Pass |
|                     |      | 2437 | RU242 | Left | 1 | 17.414 | $\geq 0.5$ | Pass |
|                     |      | 2462 | RU242 | Left | 1 | 17.156 | $\geq 0.5$ | Pass |
| 802.11ax<br>(HEW40) | MIMO | 2422 | RU484 | Left | 1 | 35.169 | $\geq 0.5$ | Pass |
|                     |      | 2437 | RU484 | Left | 1 | 36.168 | $\geq 0.5$ | Pass |
|                     |      | 2452 | RU484 | Left | 1 | 35.632 | $\geq 0.5$ | Pass |

## 2.2 Test Graph

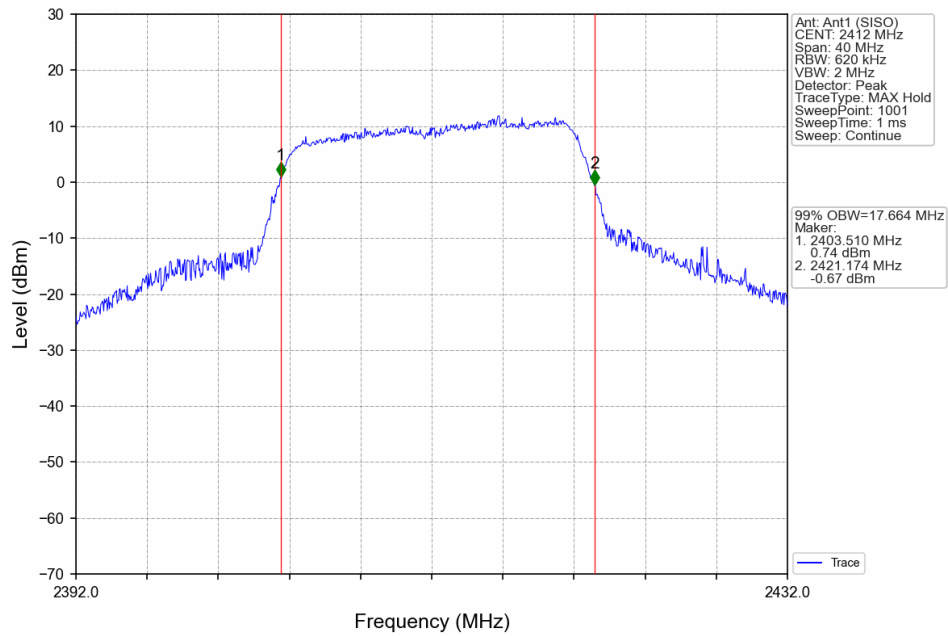
### 2.2.1 OBW



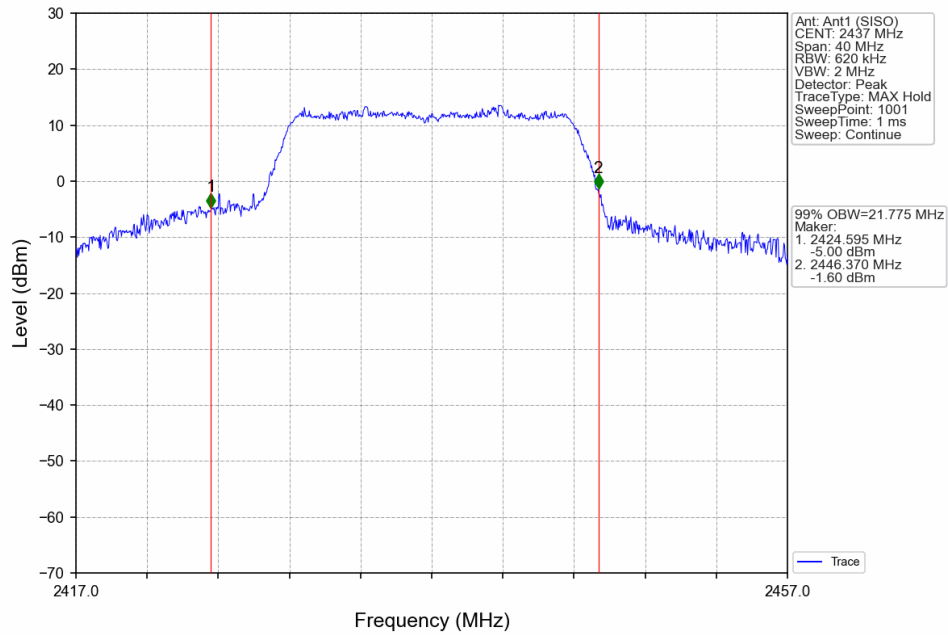
## 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



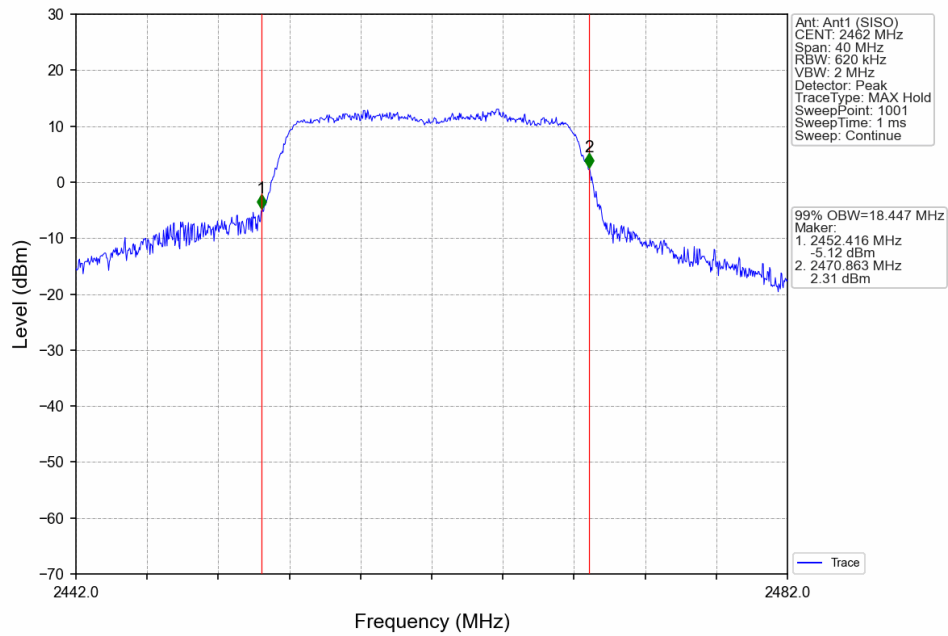
## 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



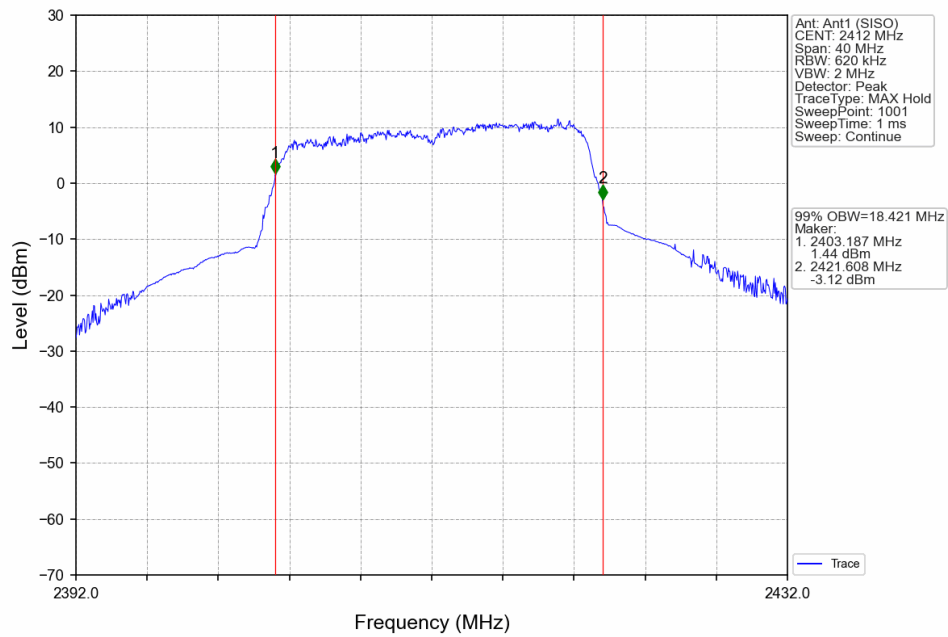
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



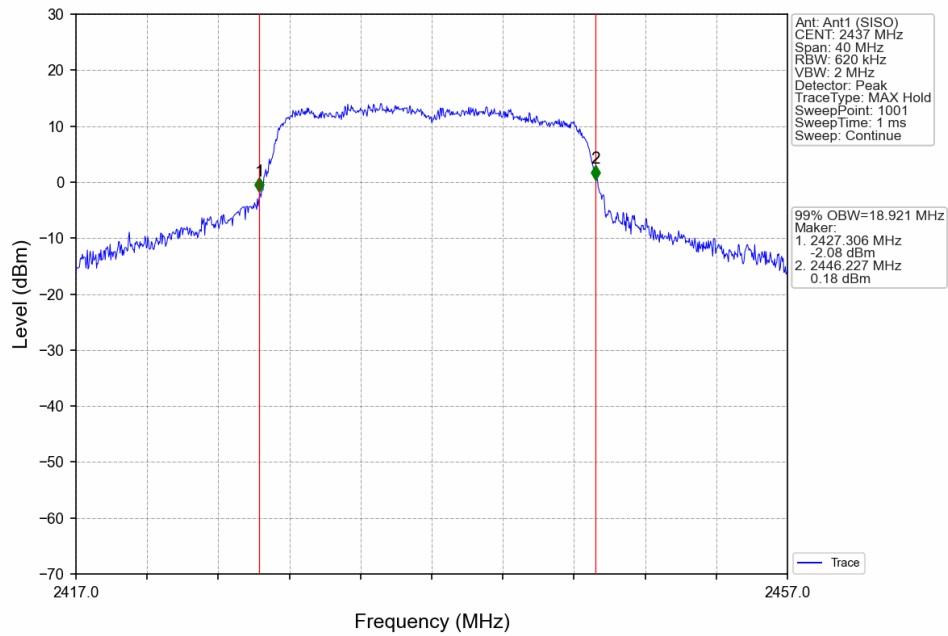
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



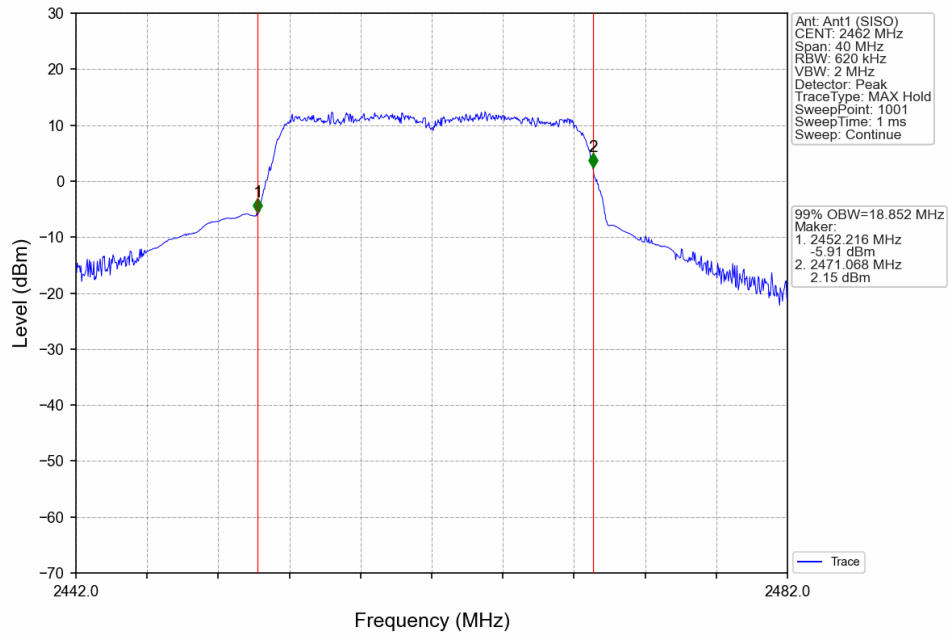
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



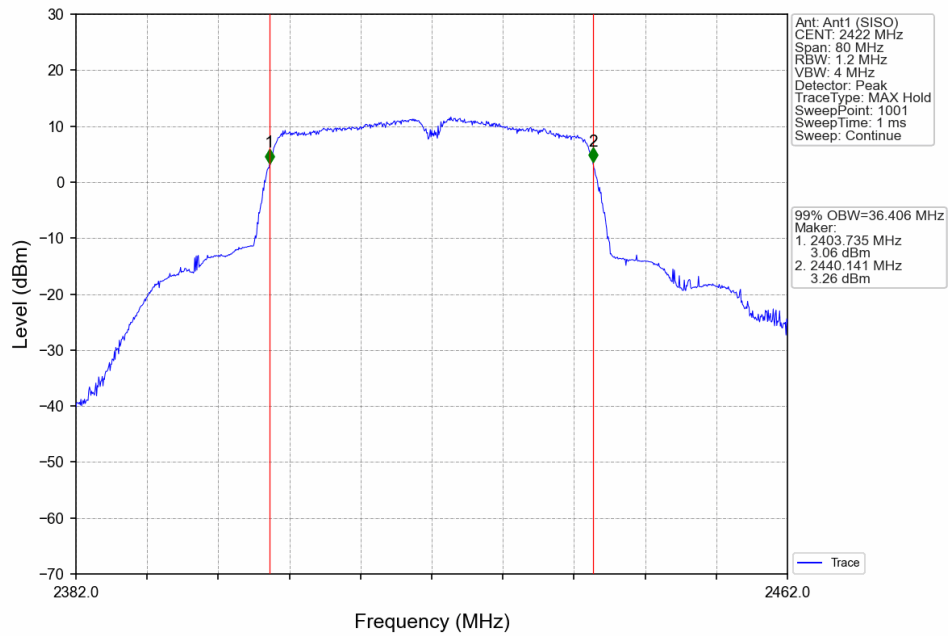
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



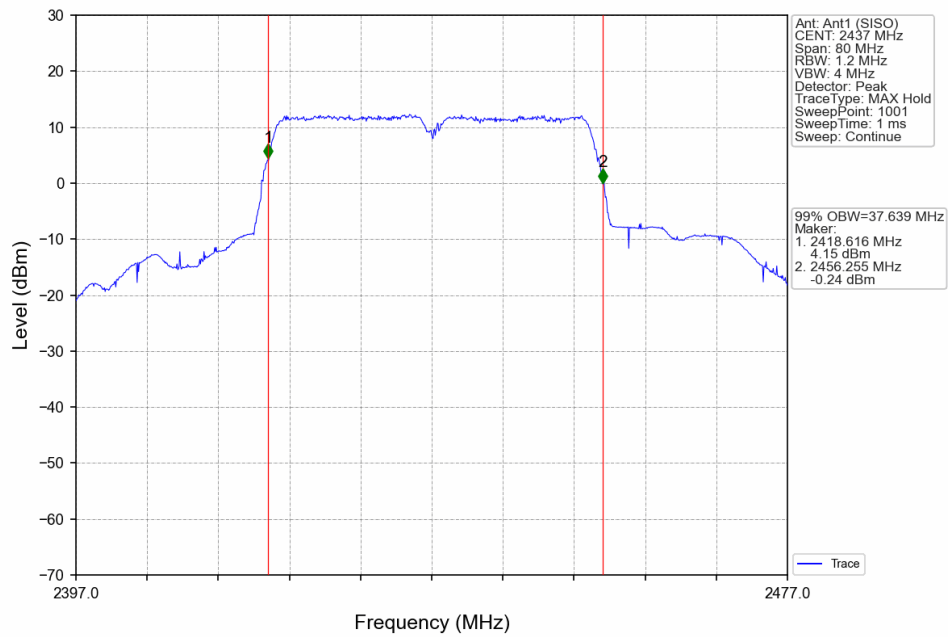
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



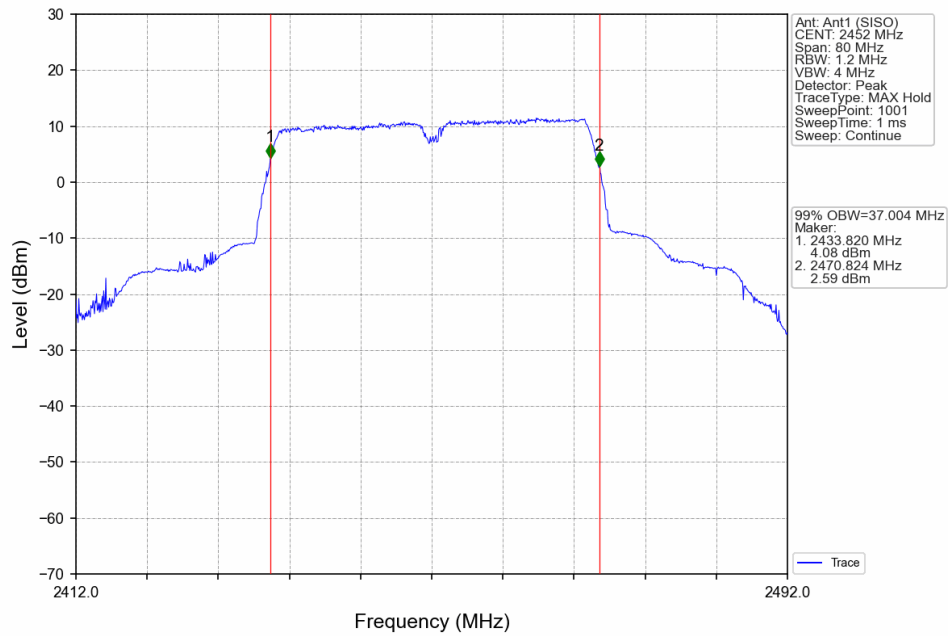
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



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

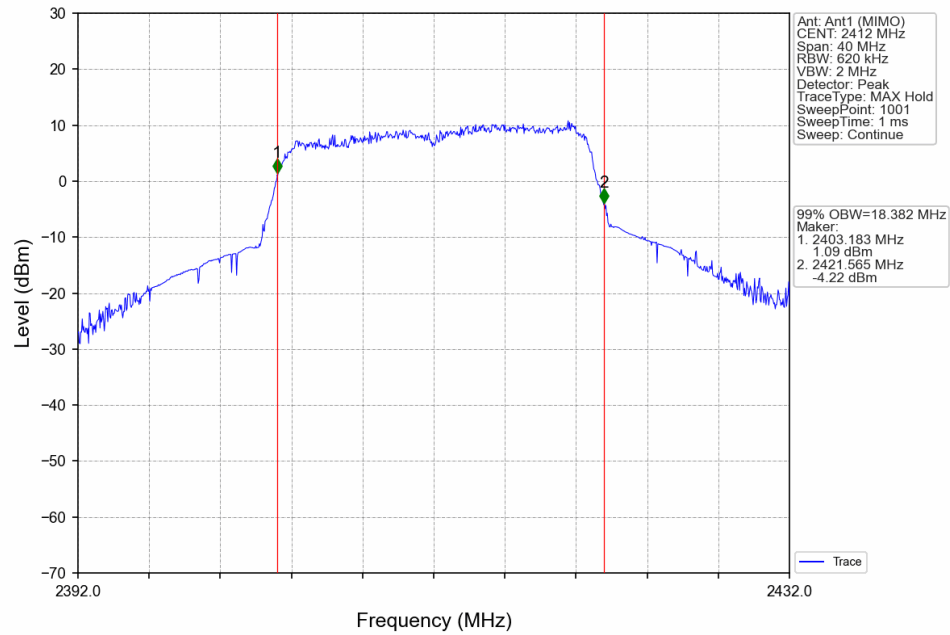


802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV

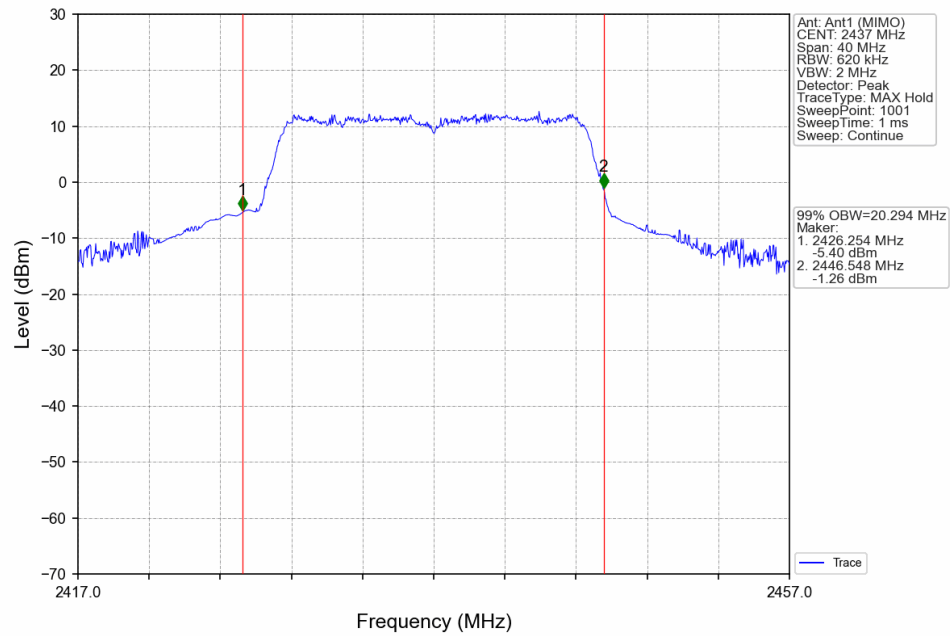




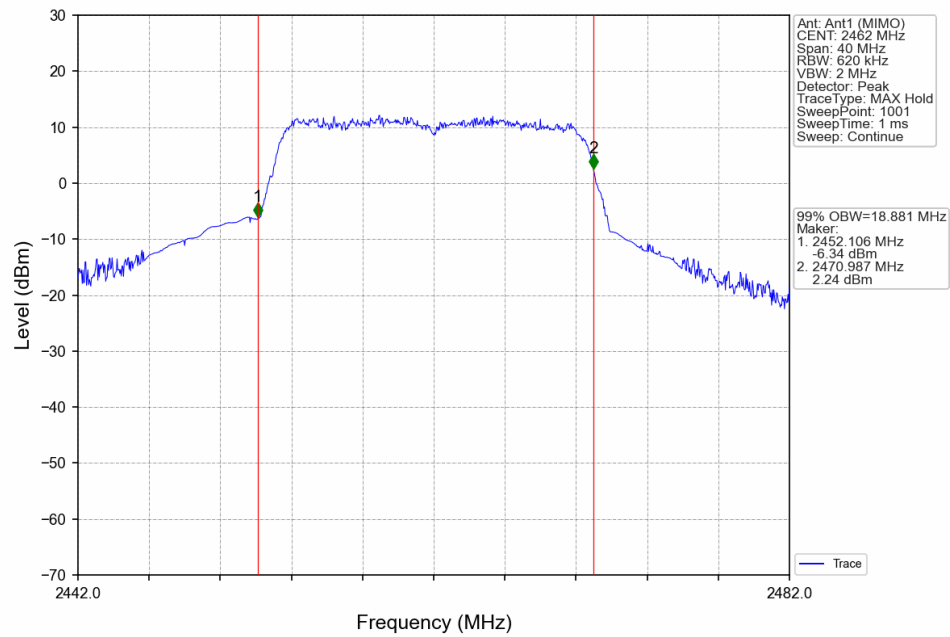
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



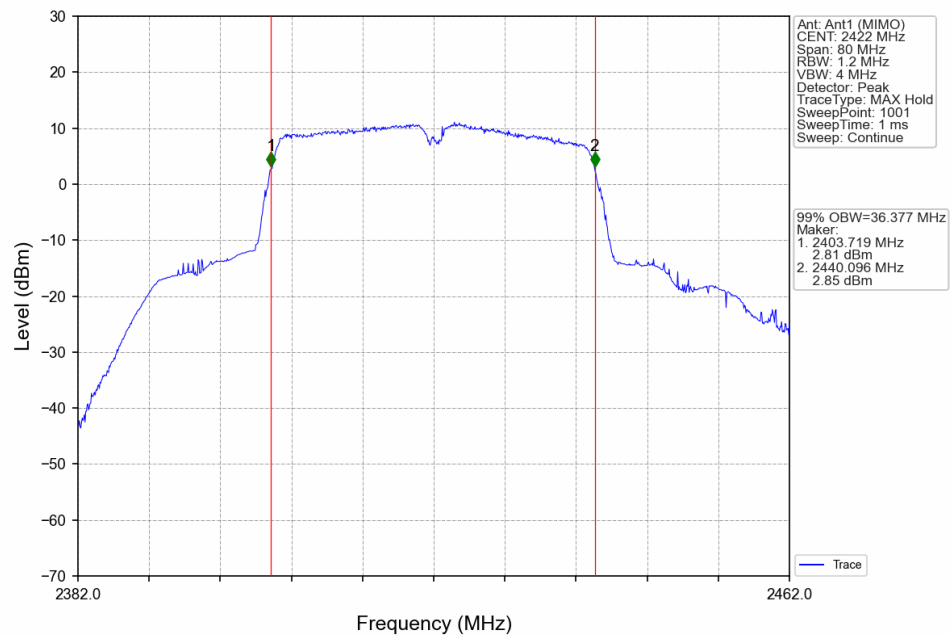
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



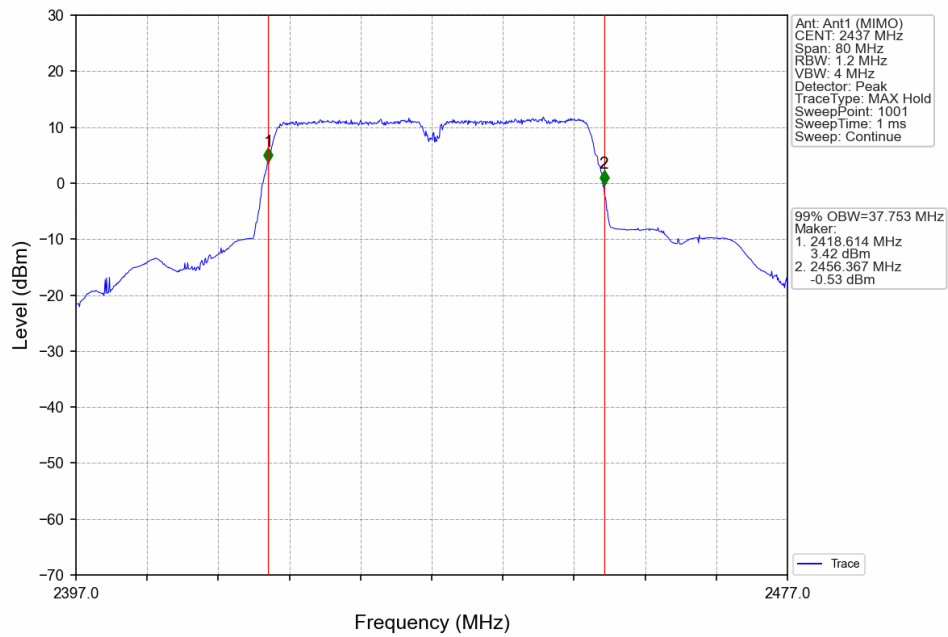
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



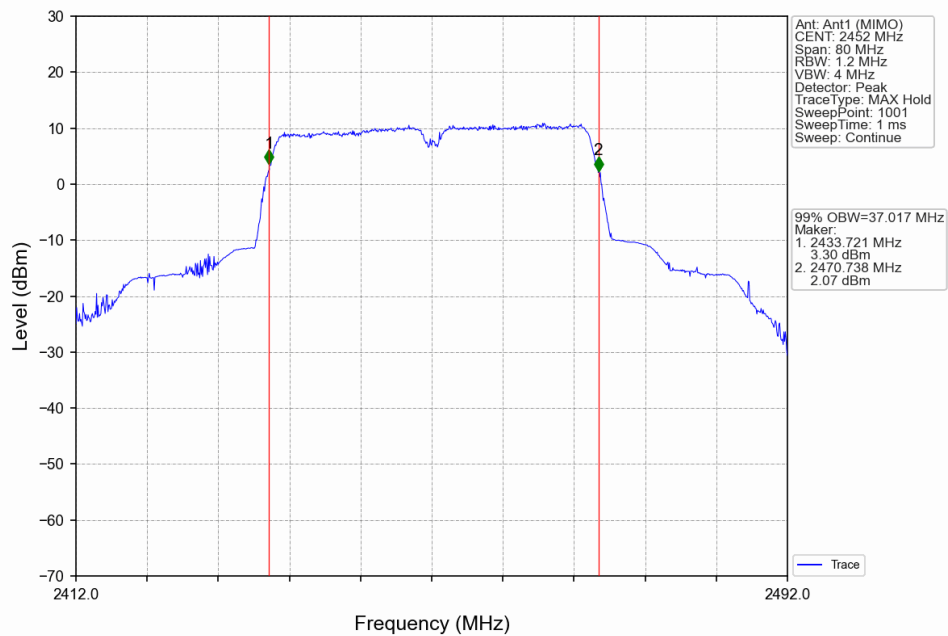
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



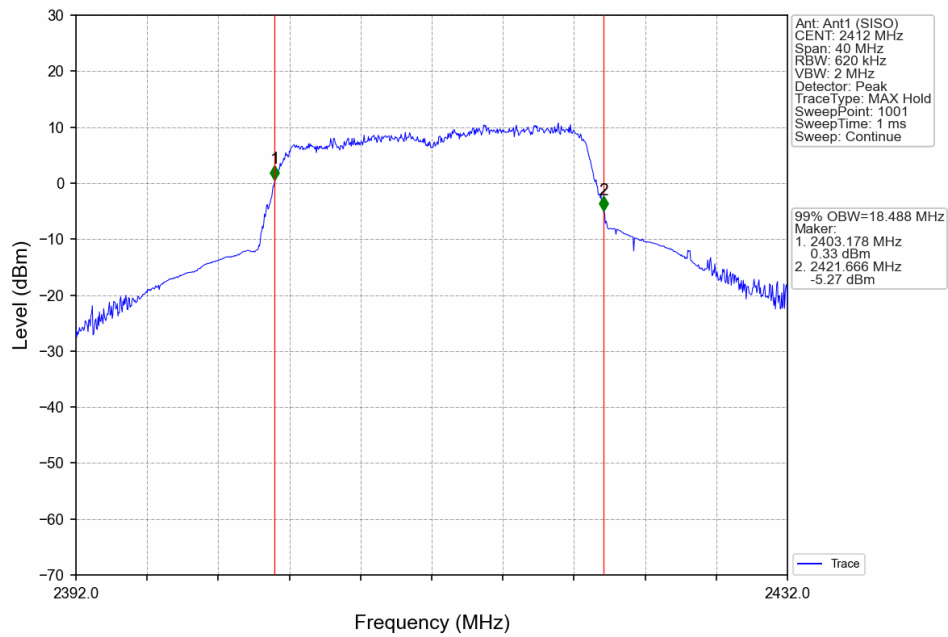
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



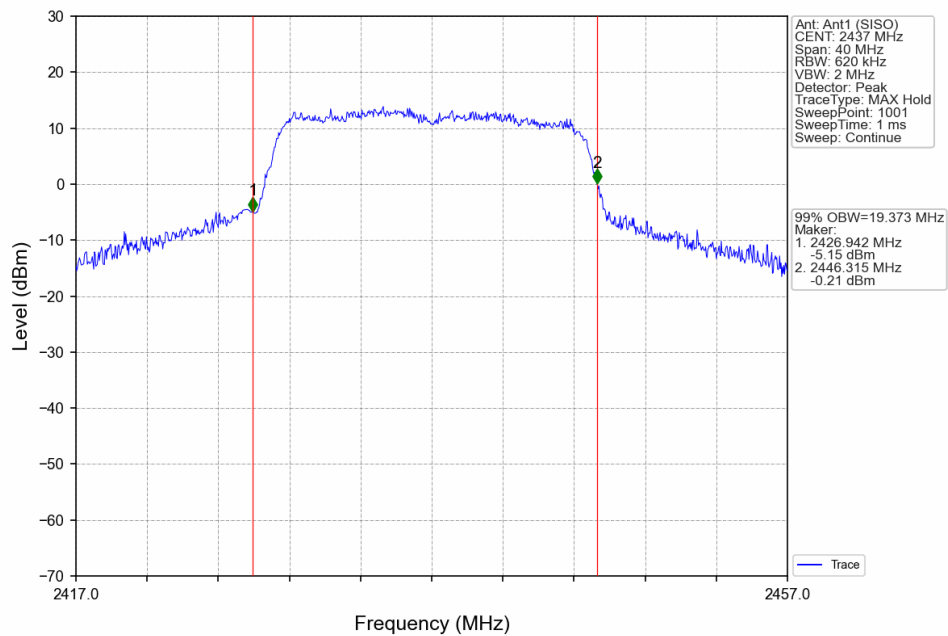
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



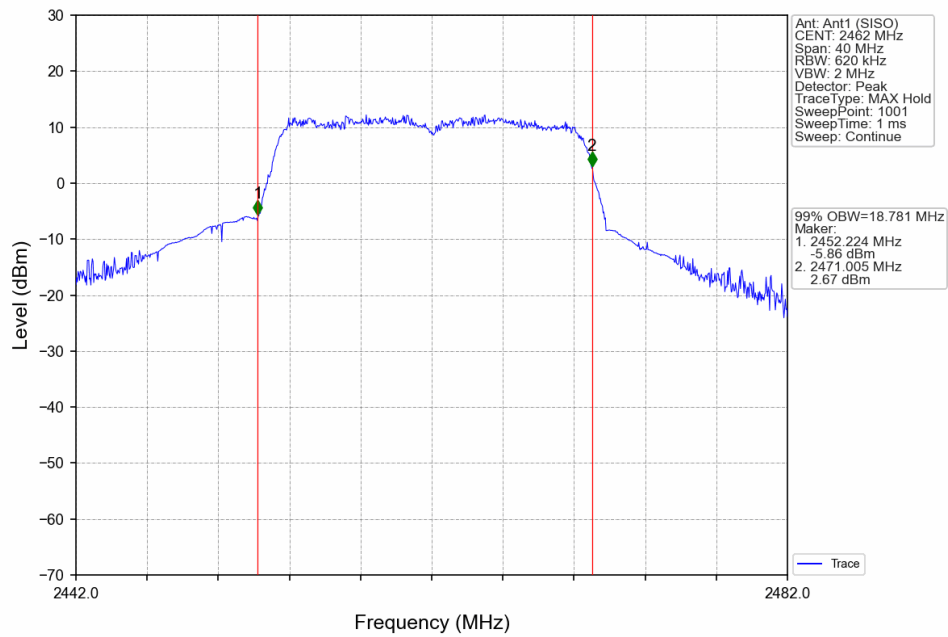
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



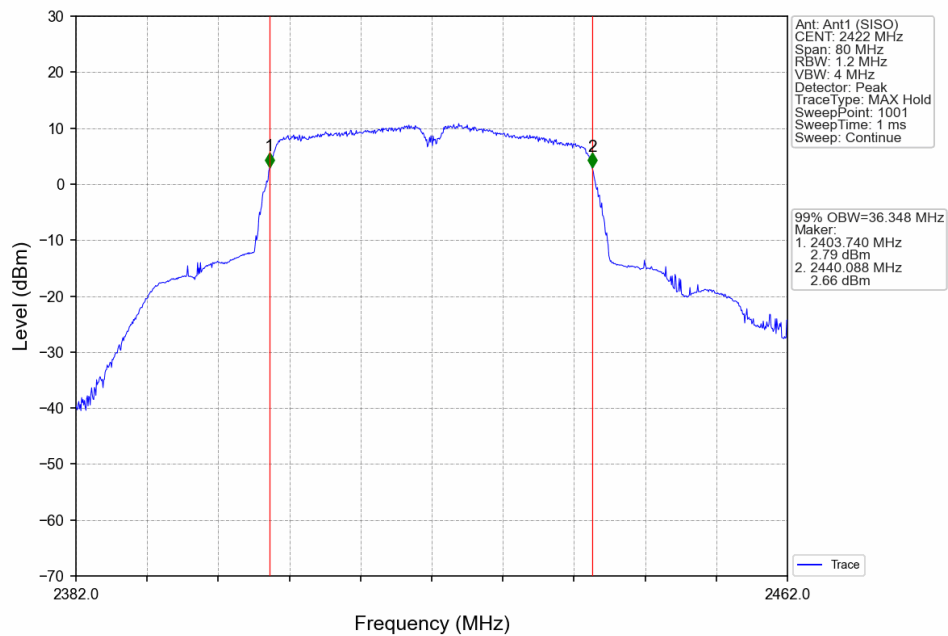
802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



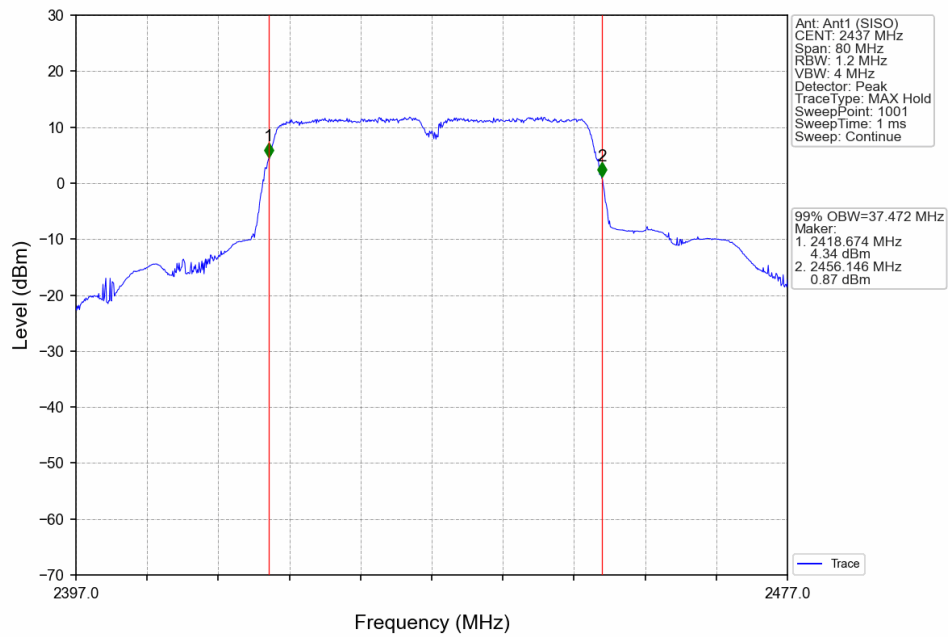
802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



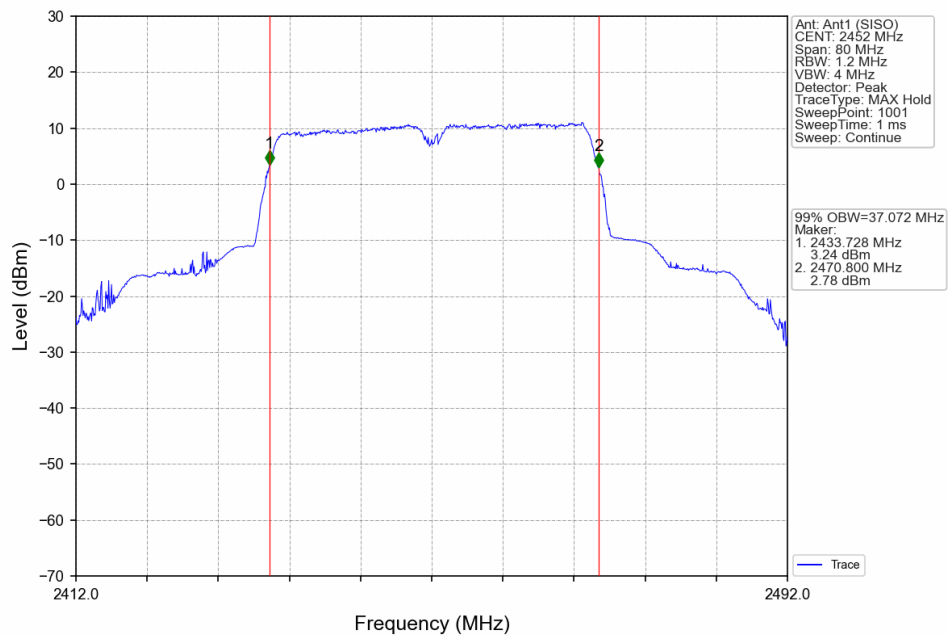
802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



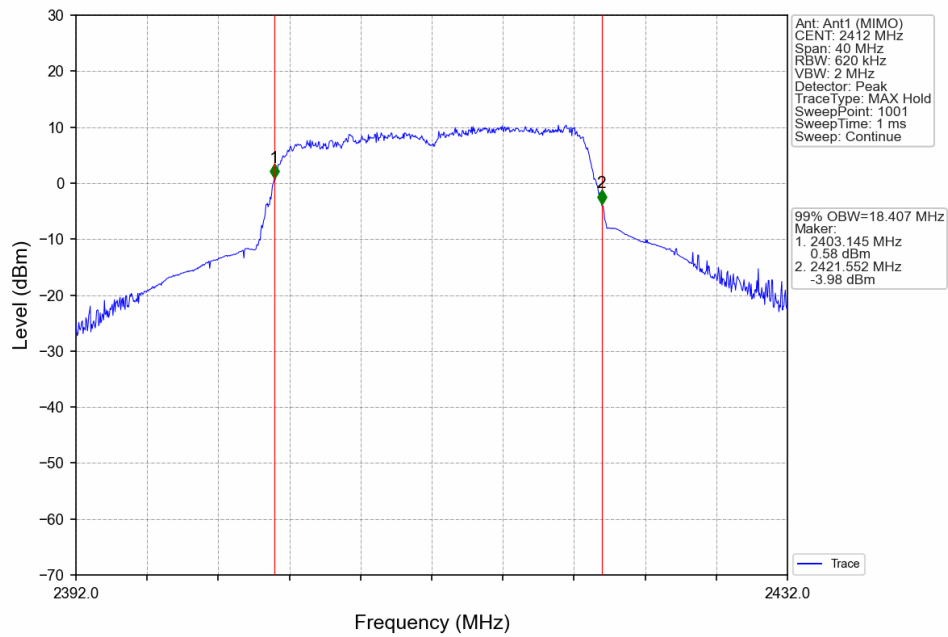
802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



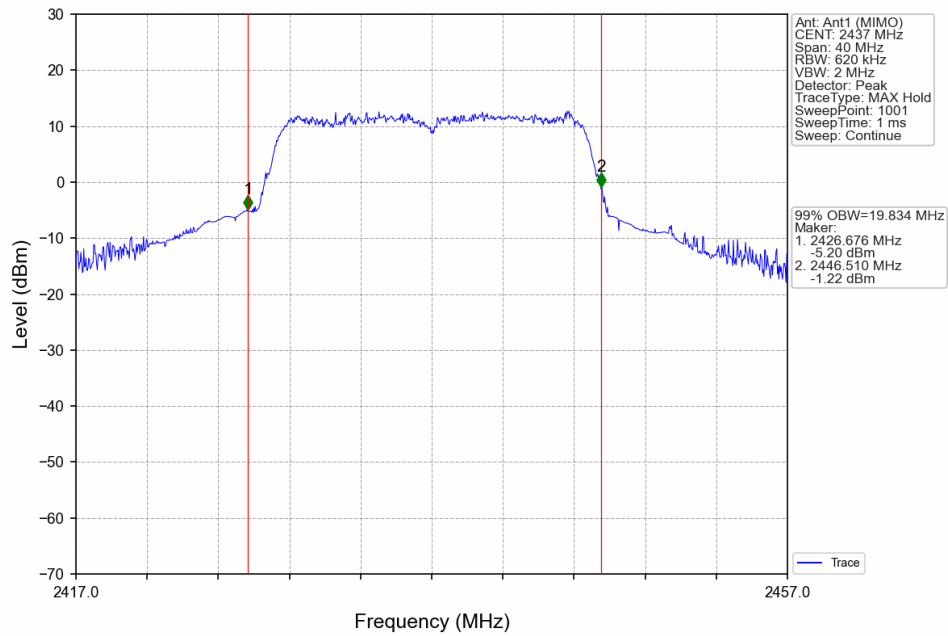
802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



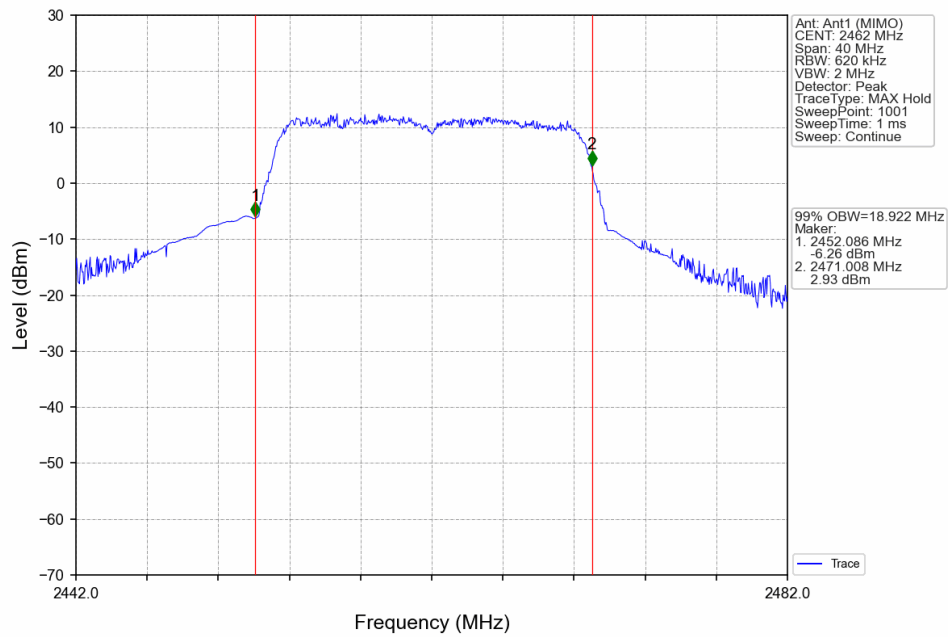
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



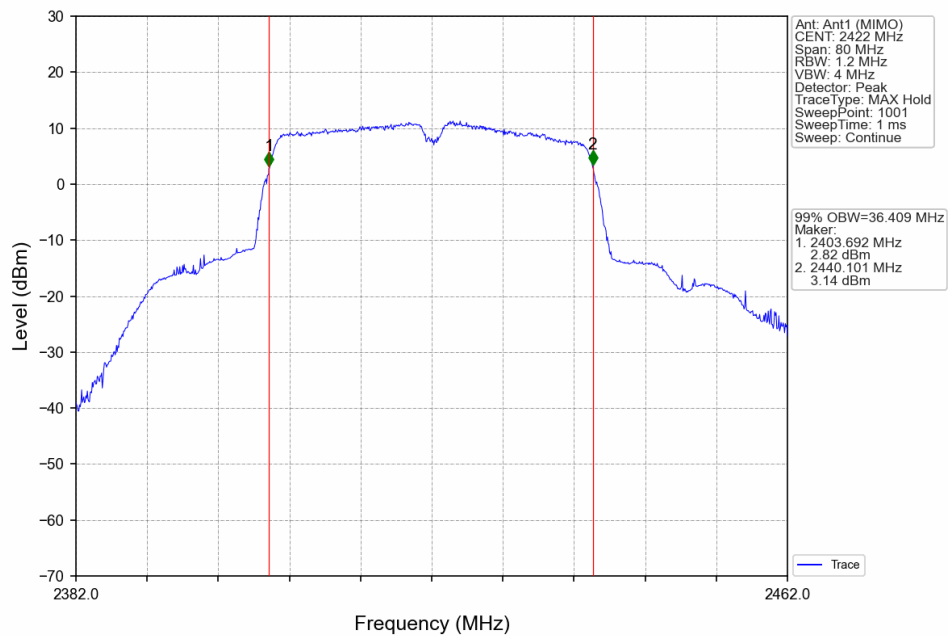
802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV

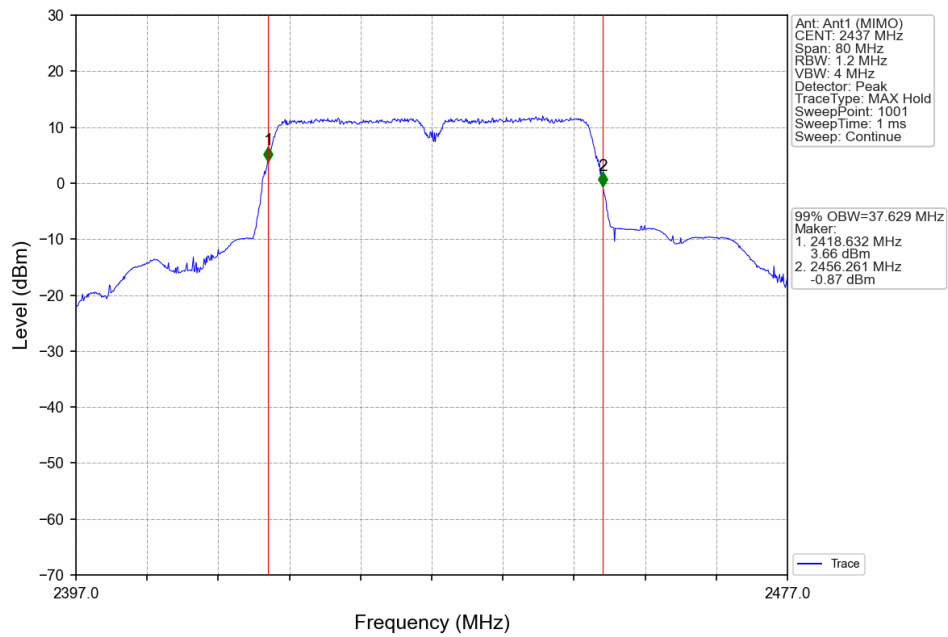


802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV

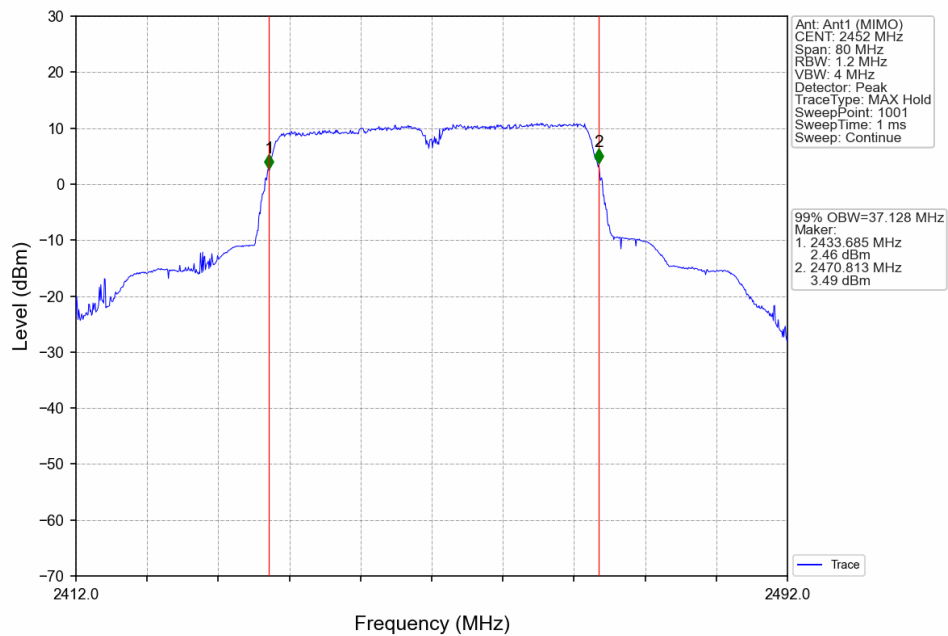




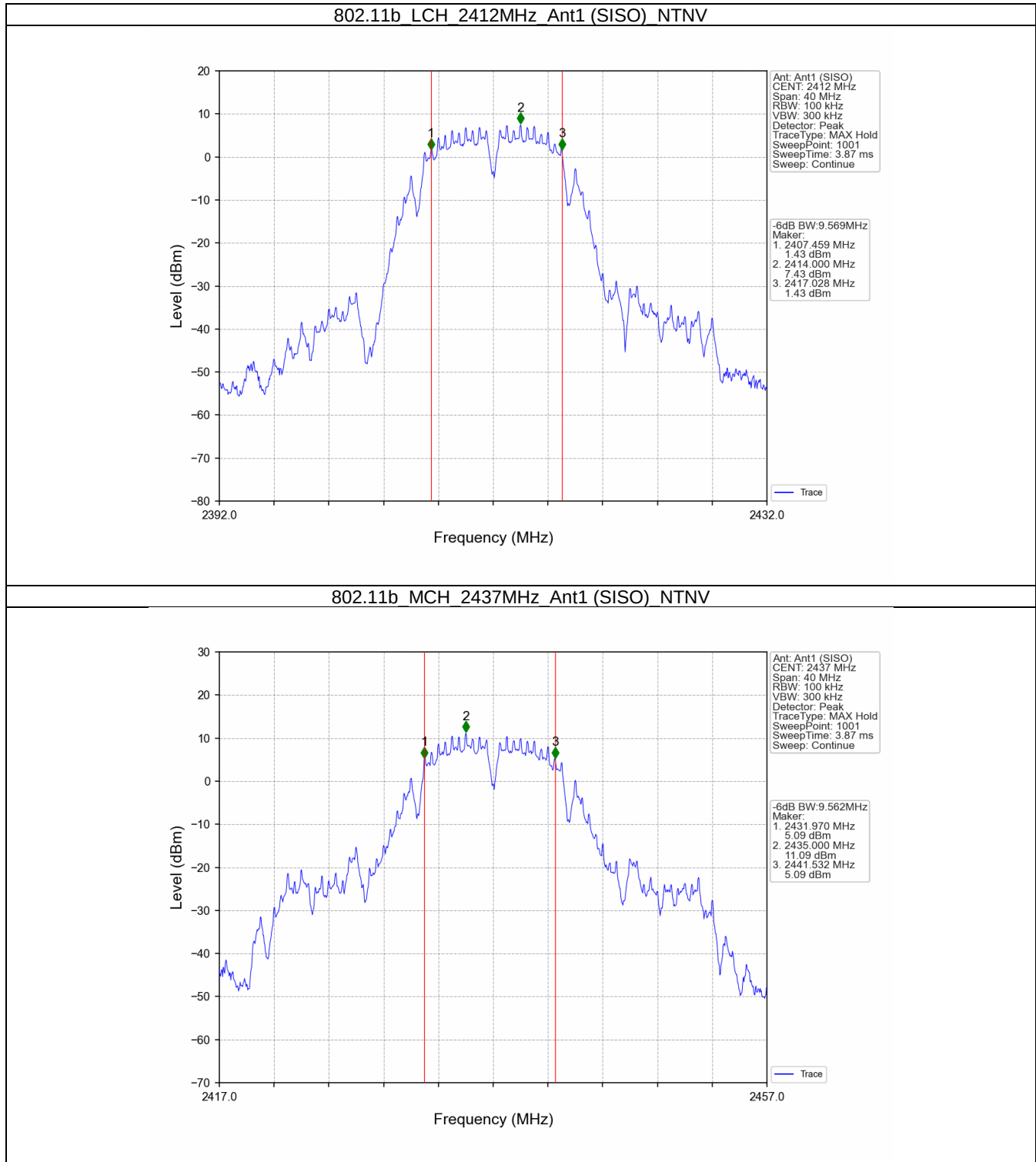
802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



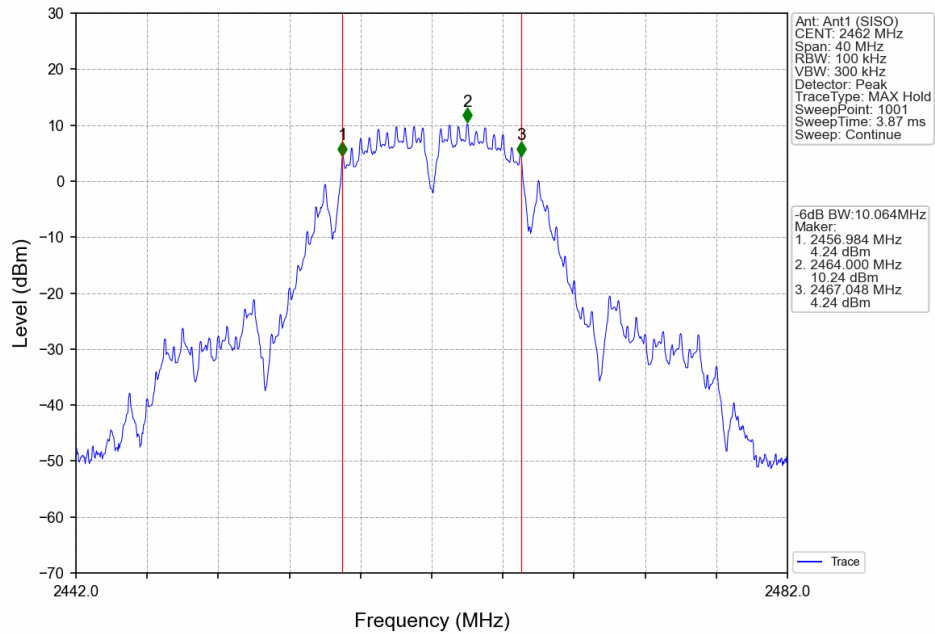
802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



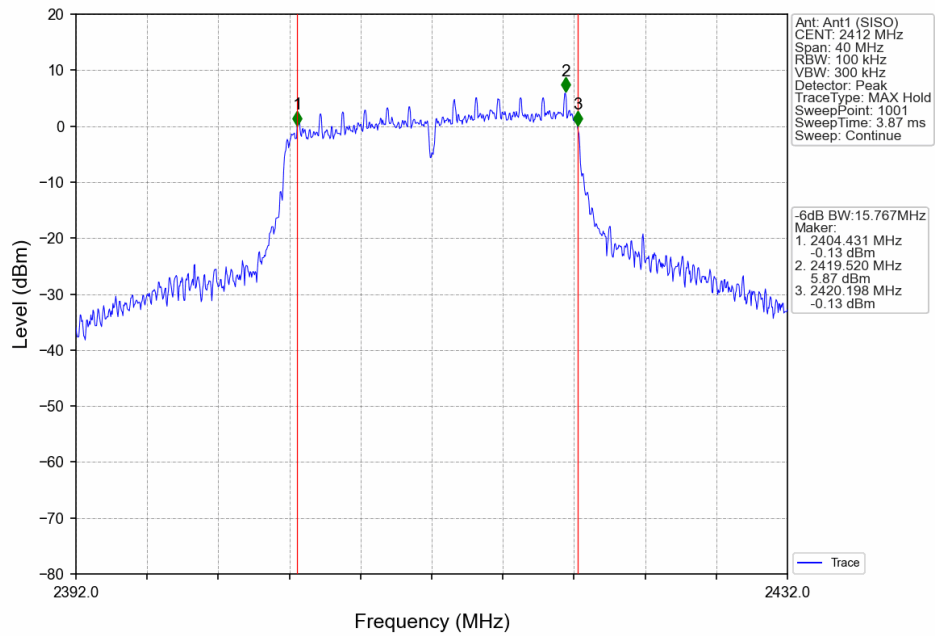
## 2.2.2 6dB BW



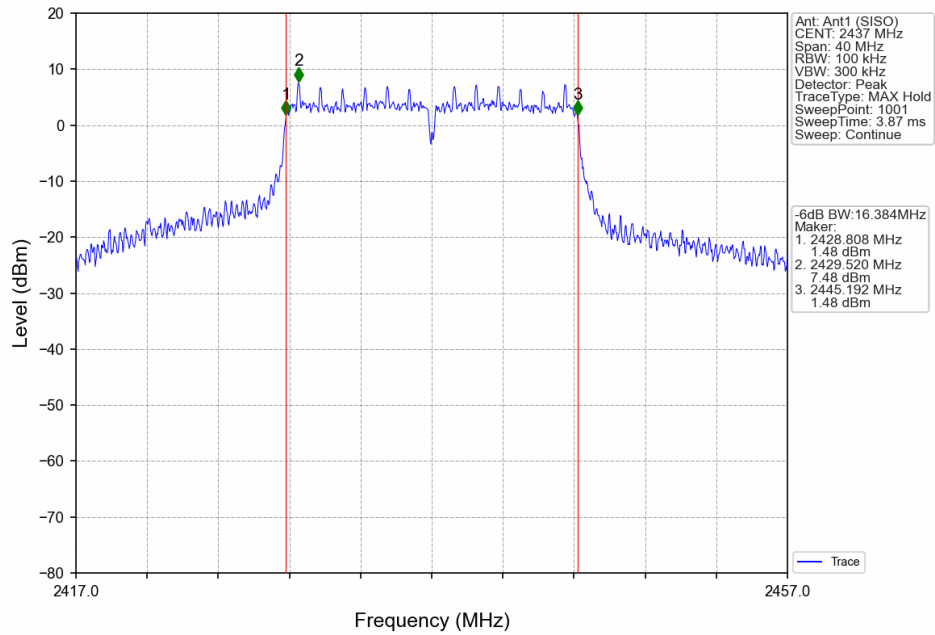
## 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



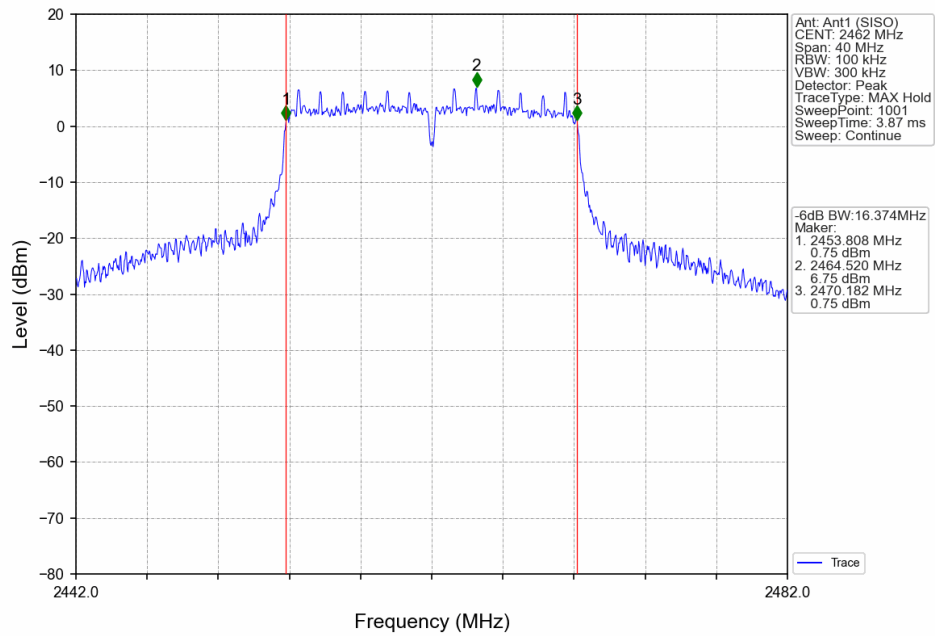
## 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



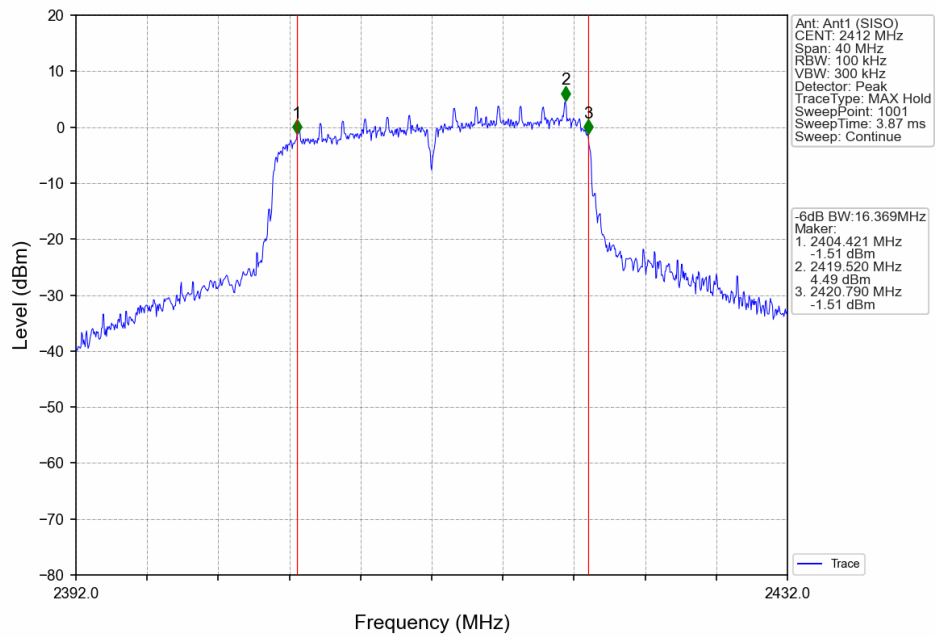
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



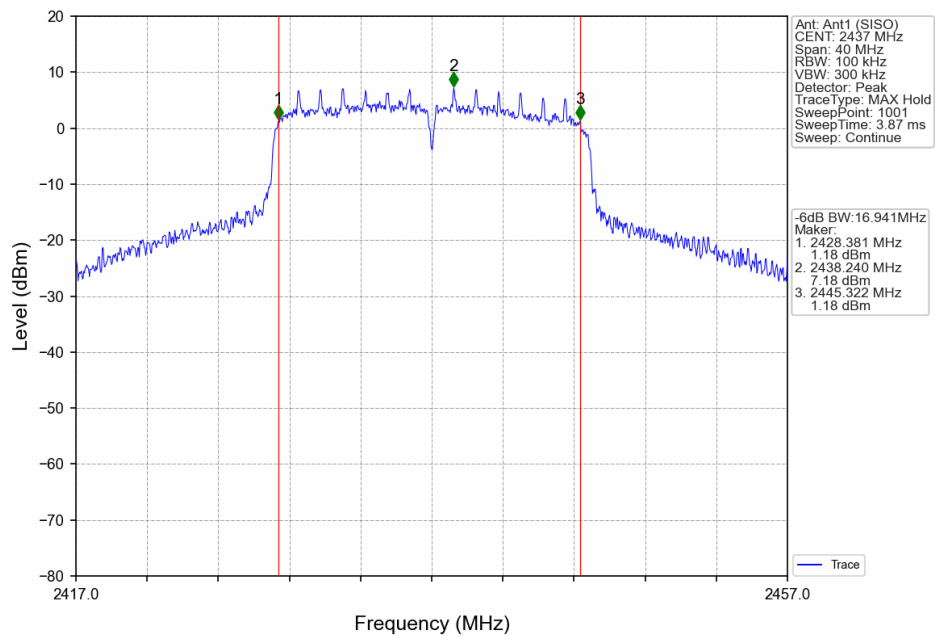
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



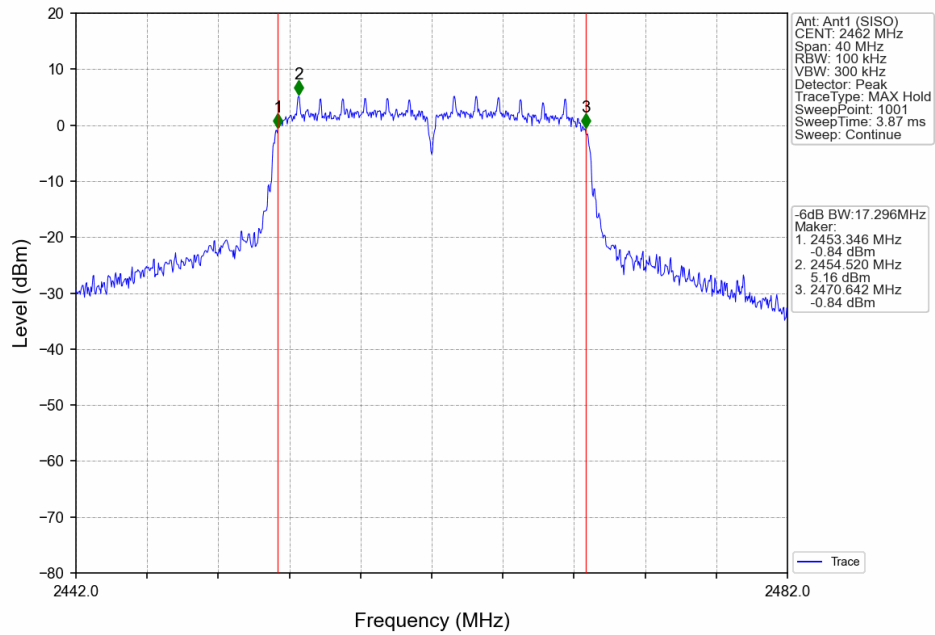
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



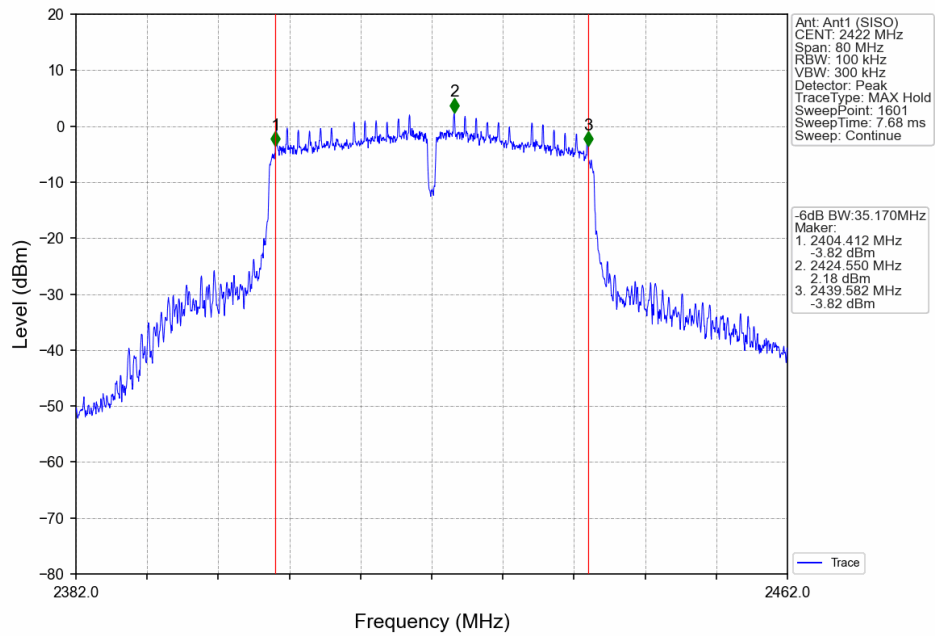
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



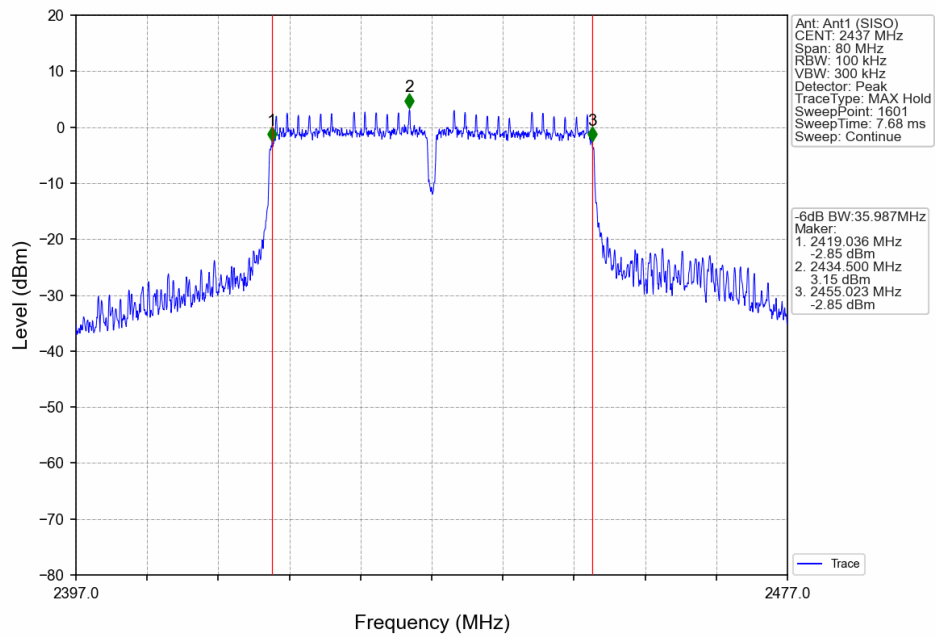
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



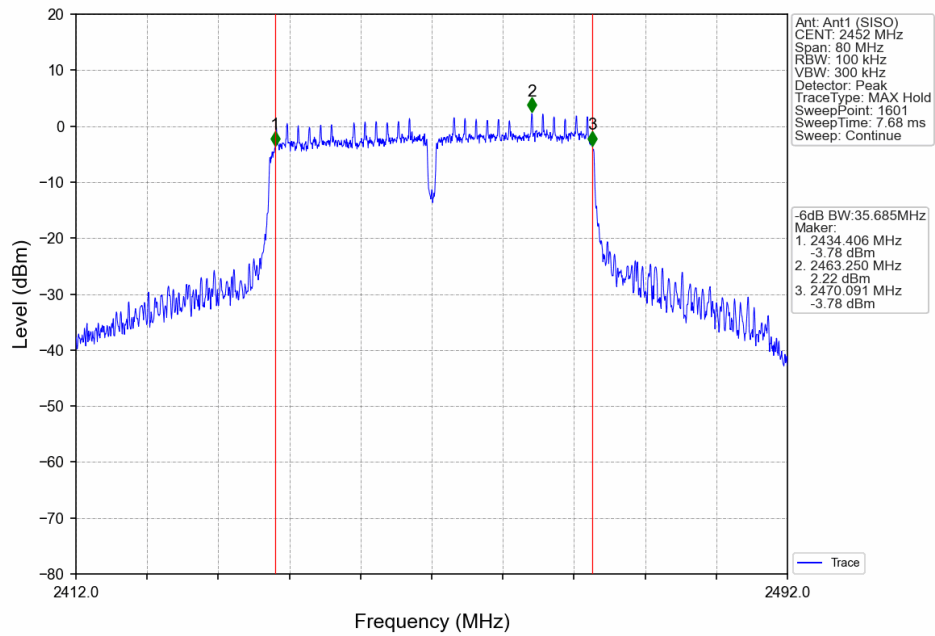
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



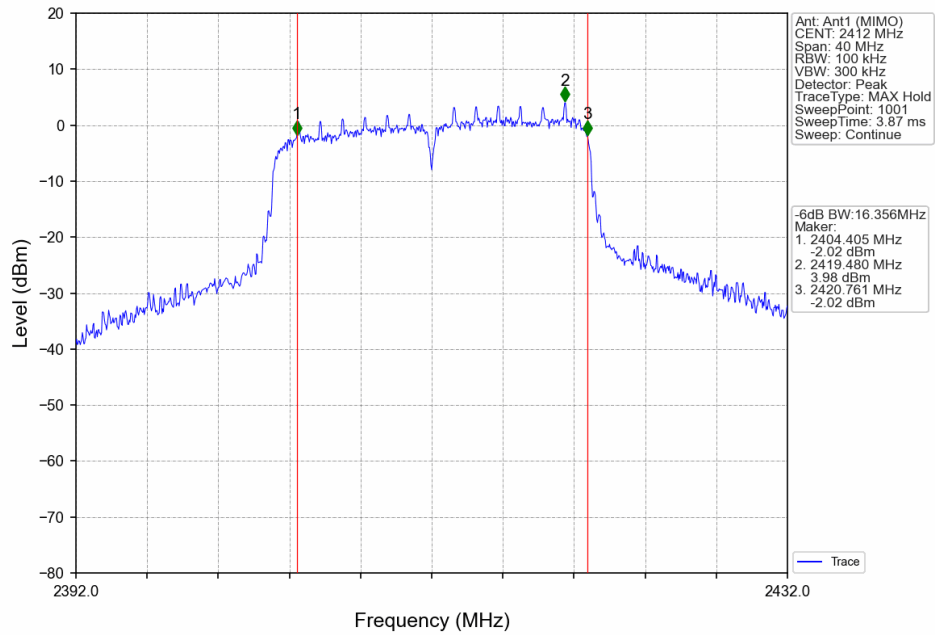
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



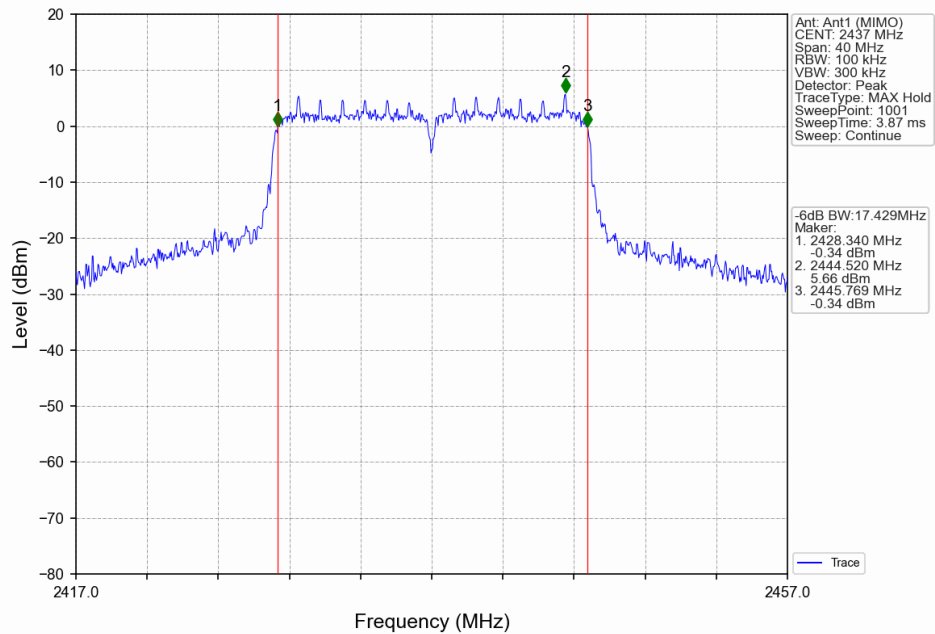
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



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

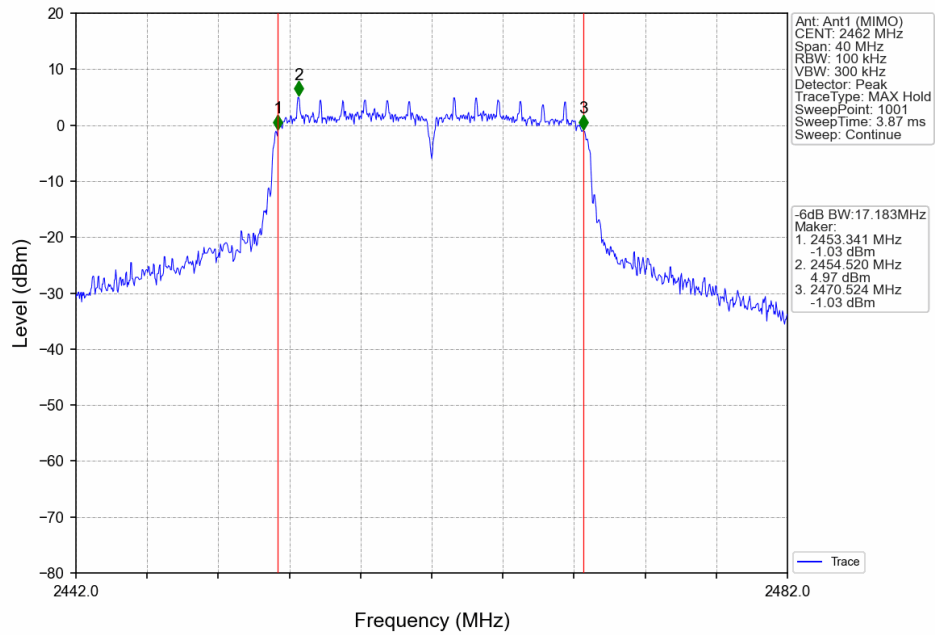


802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV

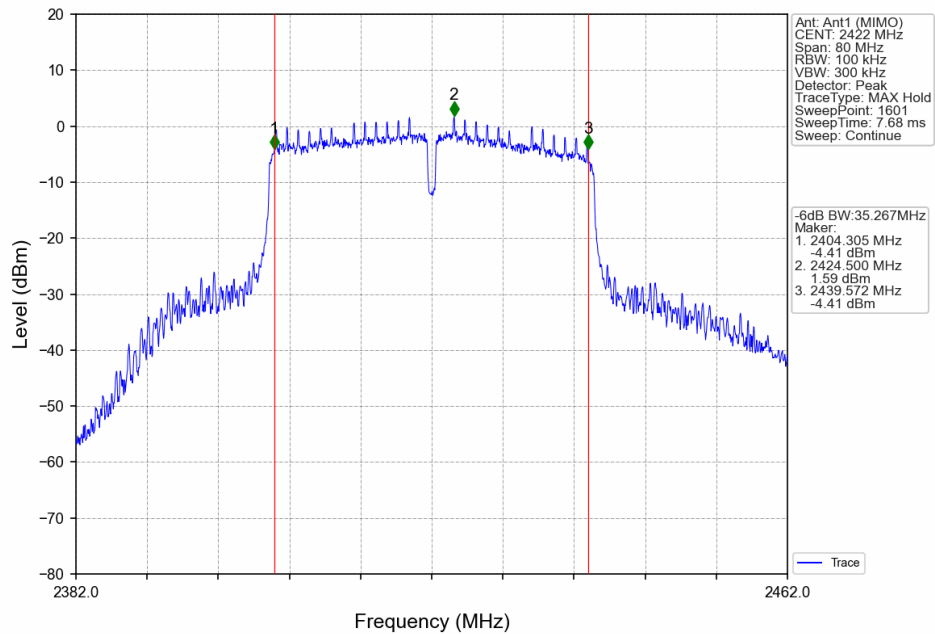




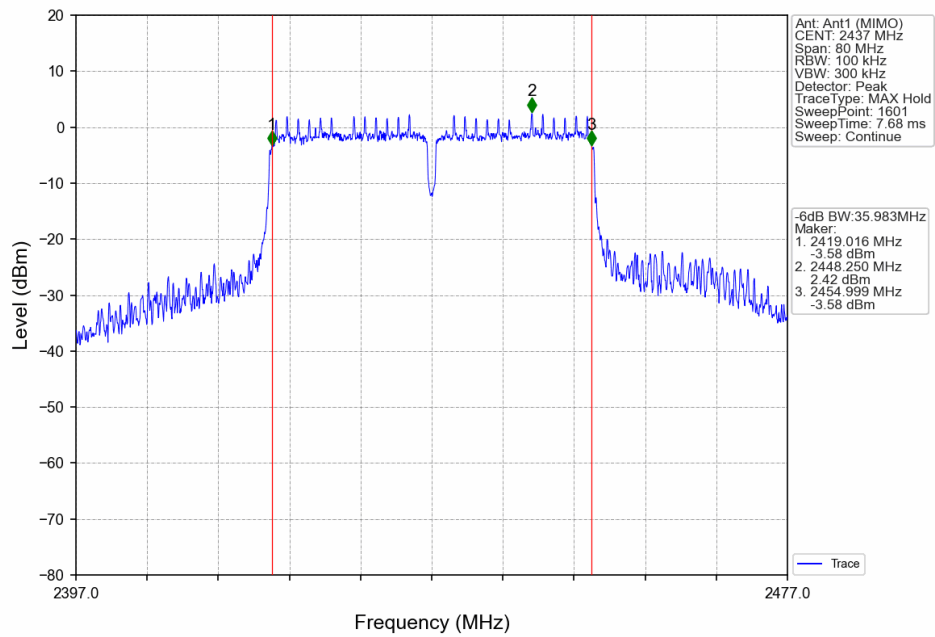
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



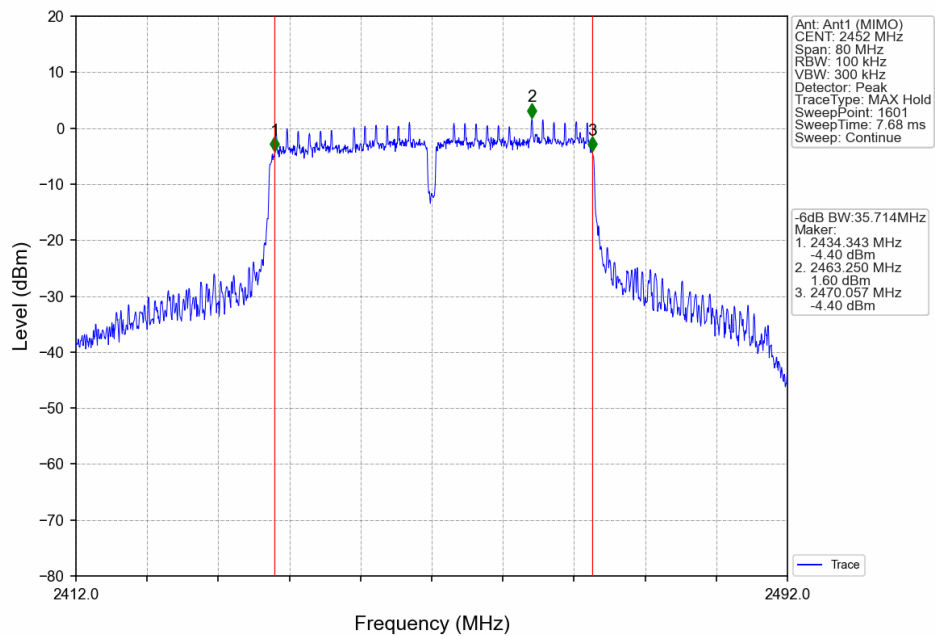
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



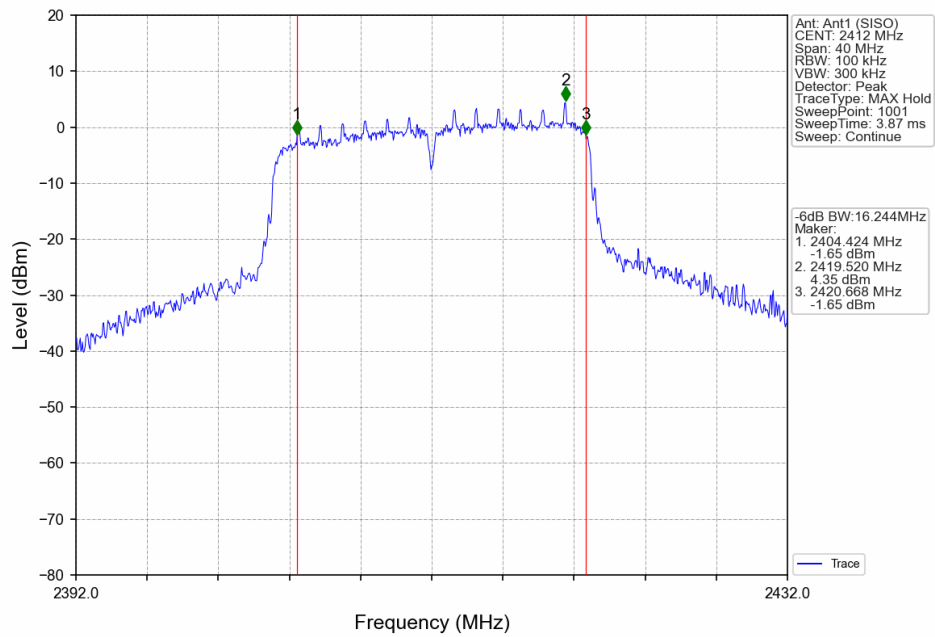
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



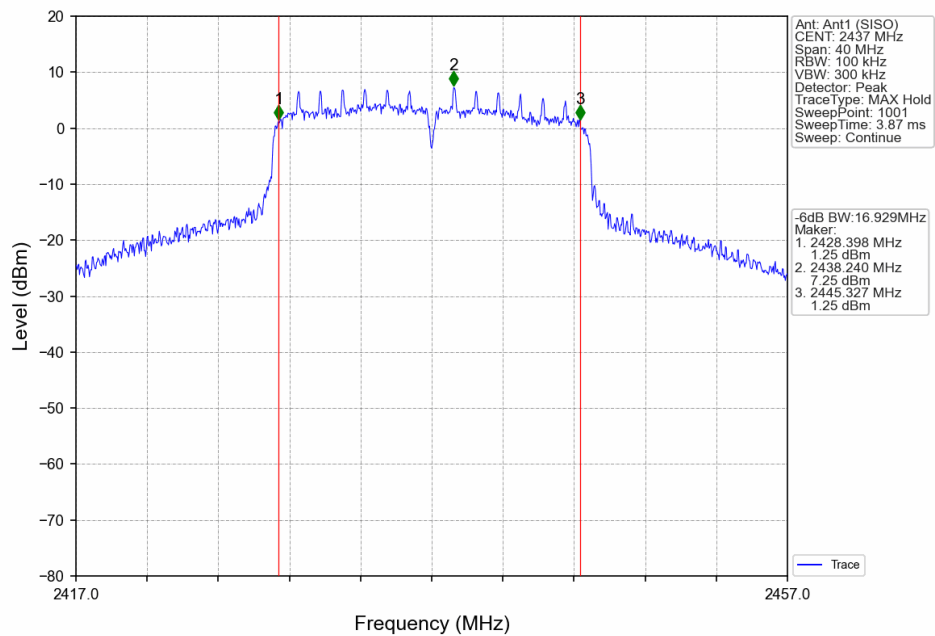
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



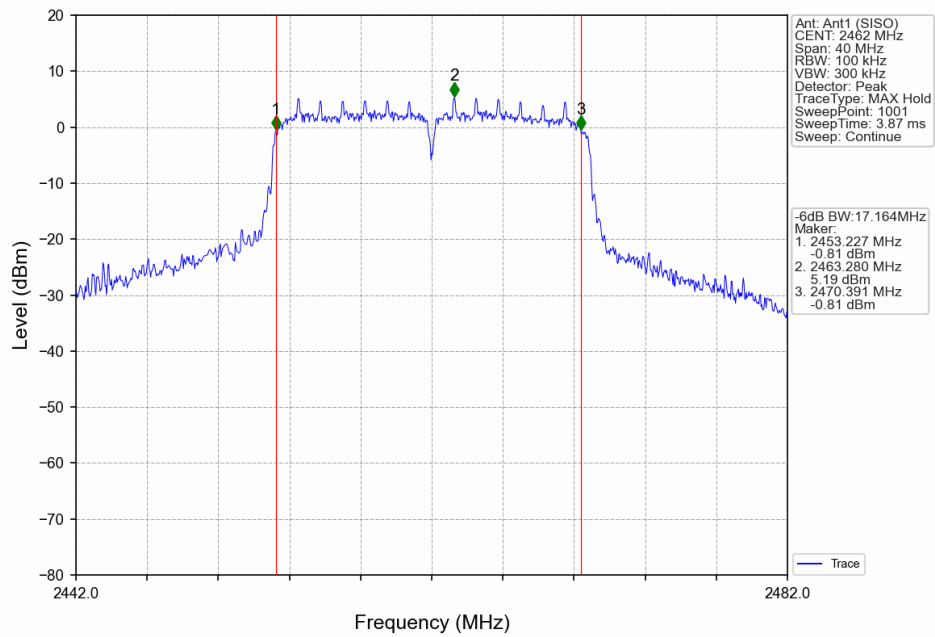
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



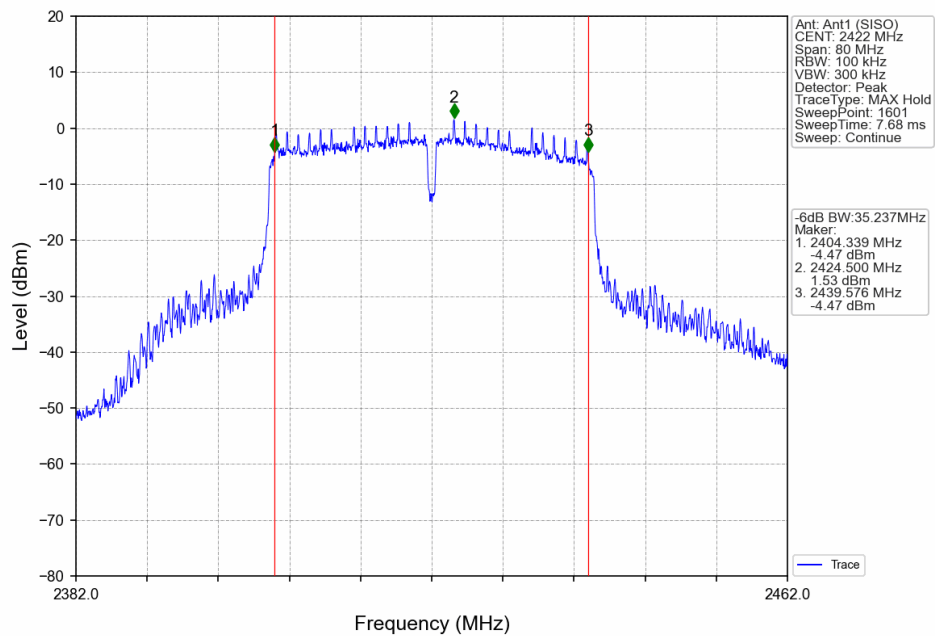
802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



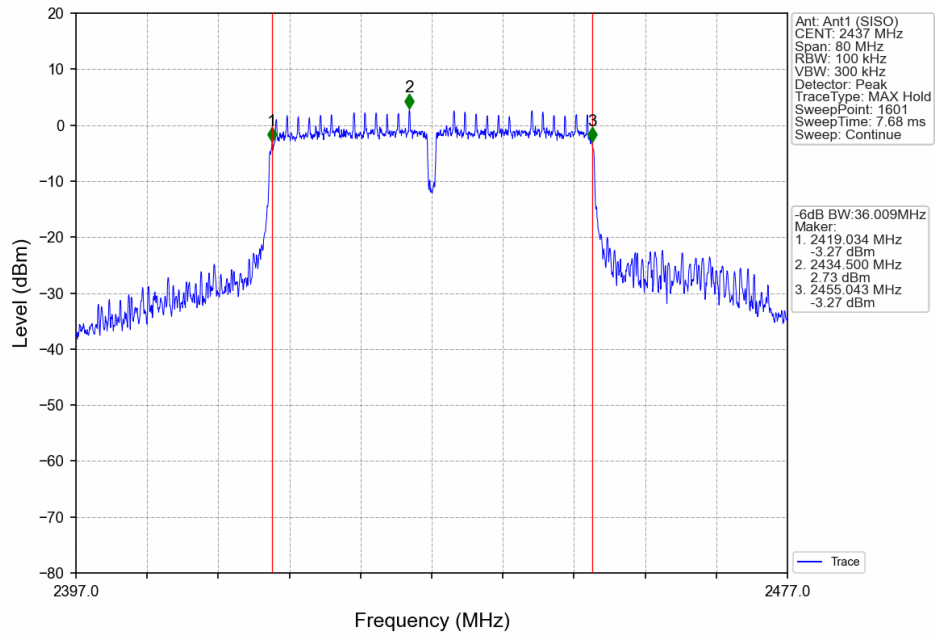
802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



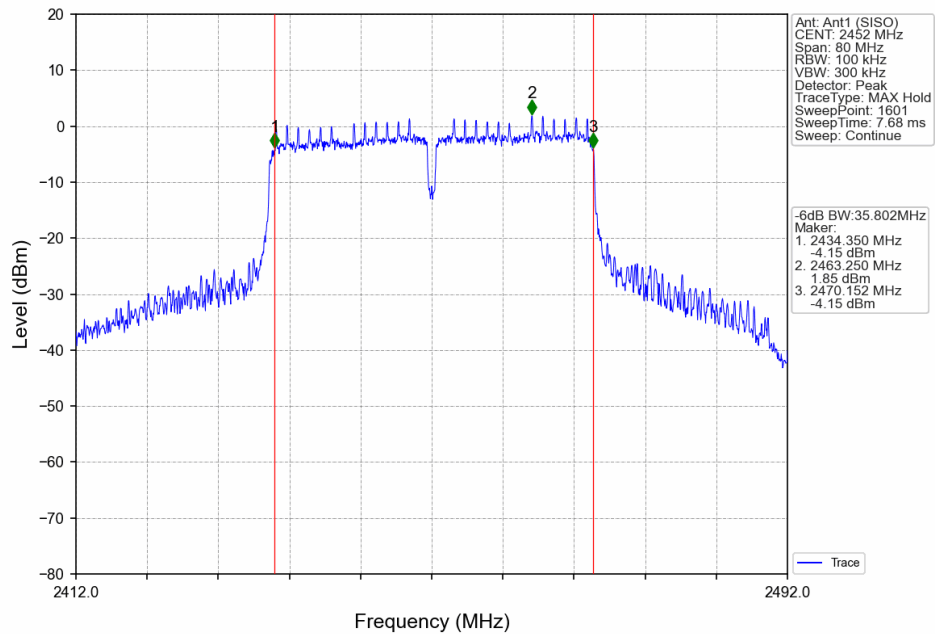
802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



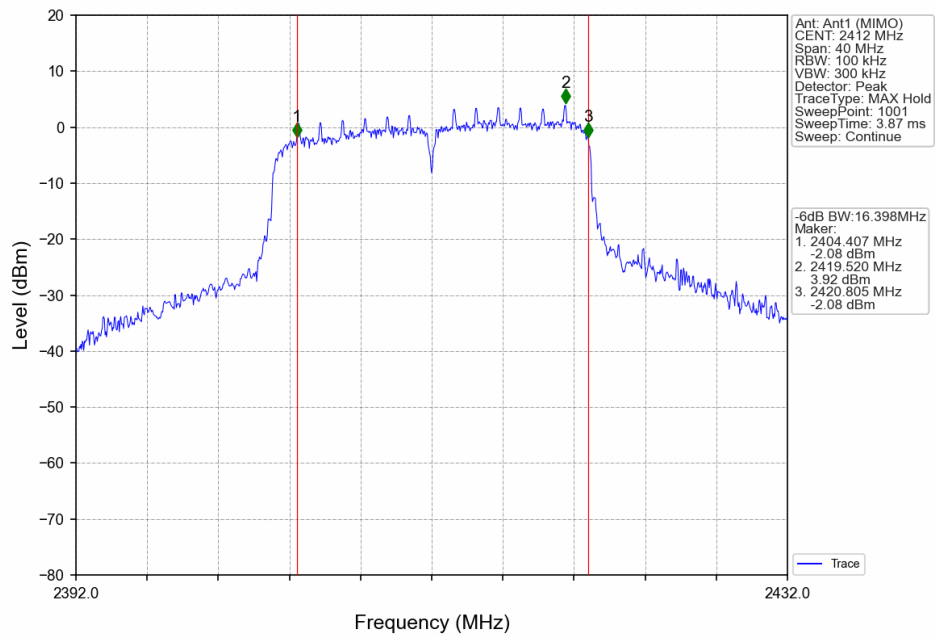
802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



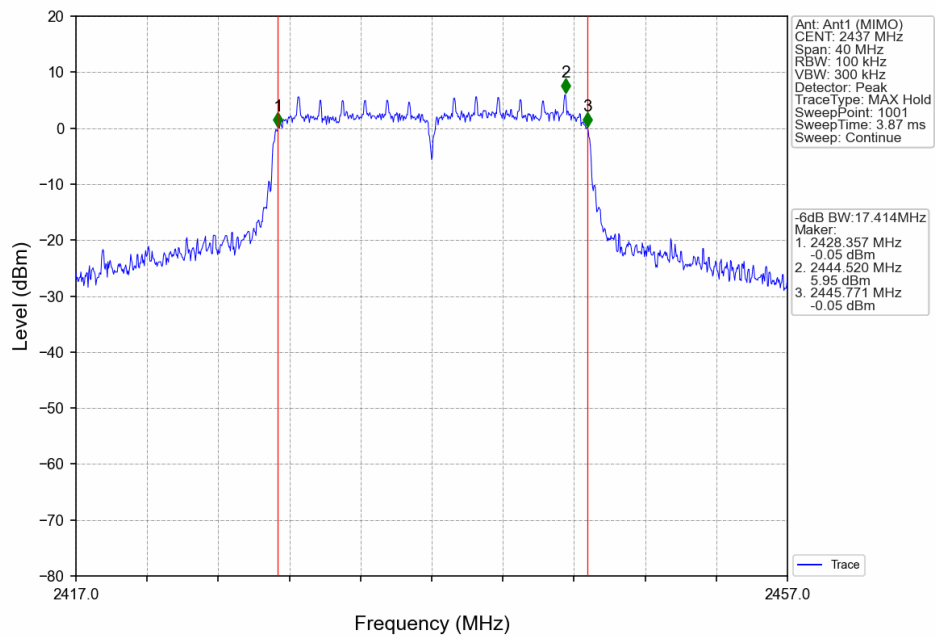
802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



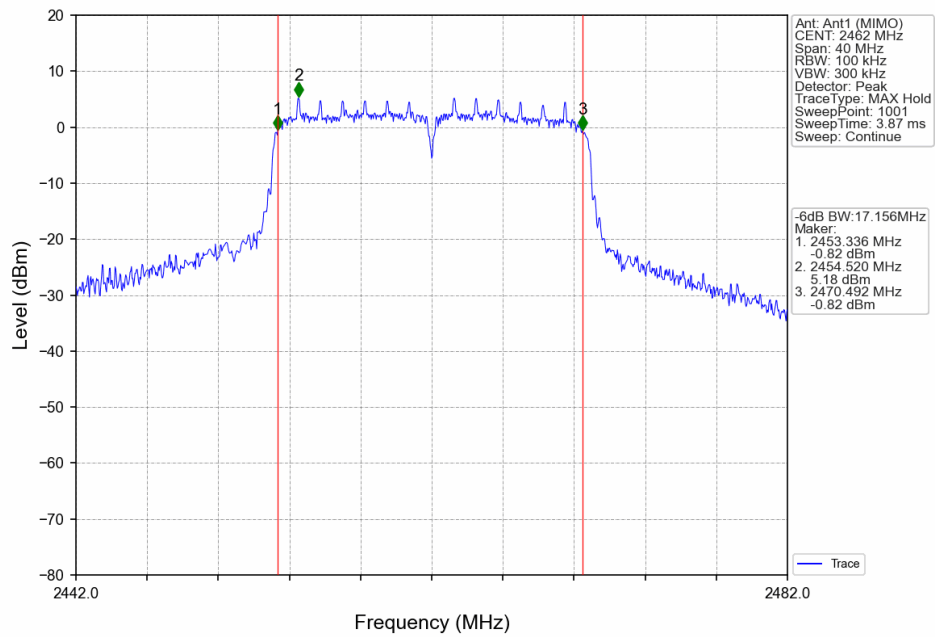
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



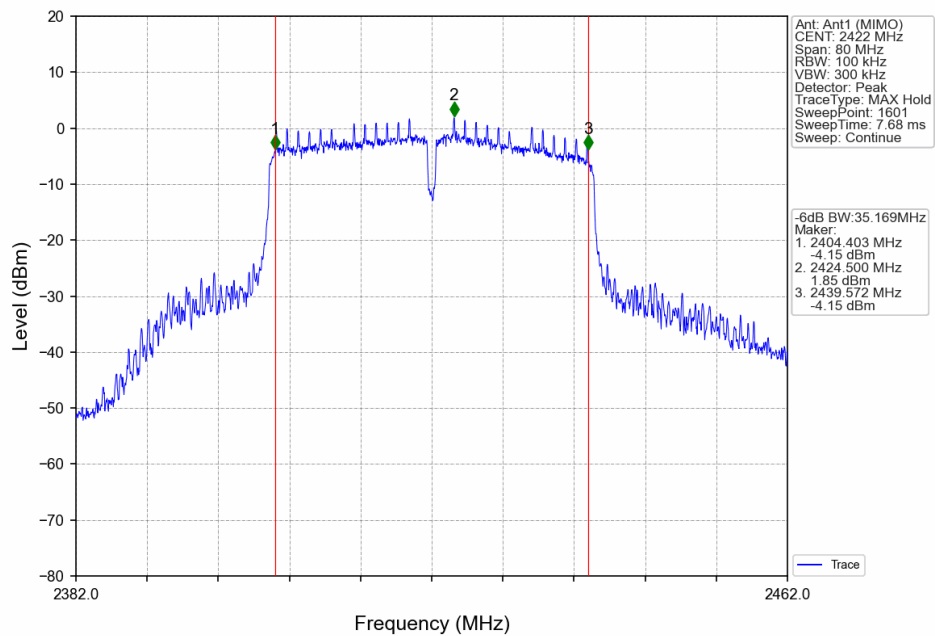
802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



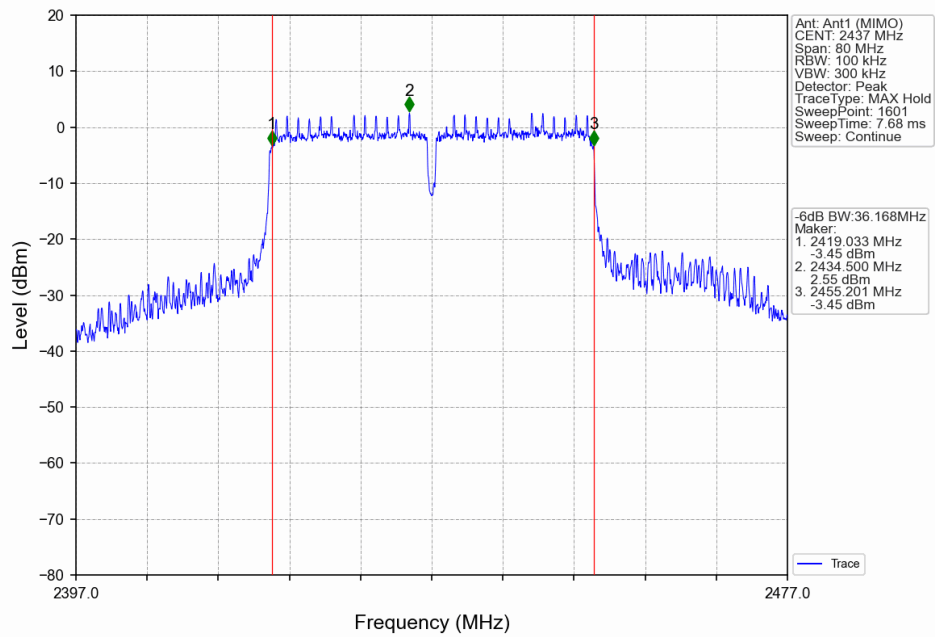
802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



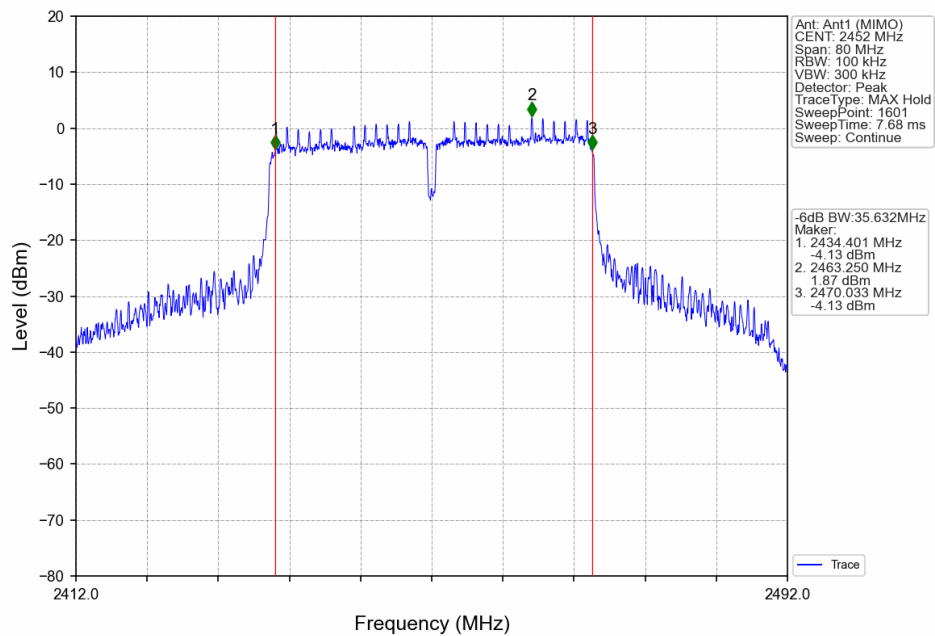
802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV







## 4. Maximum Power Spectral Density

### 4.1 Test Result

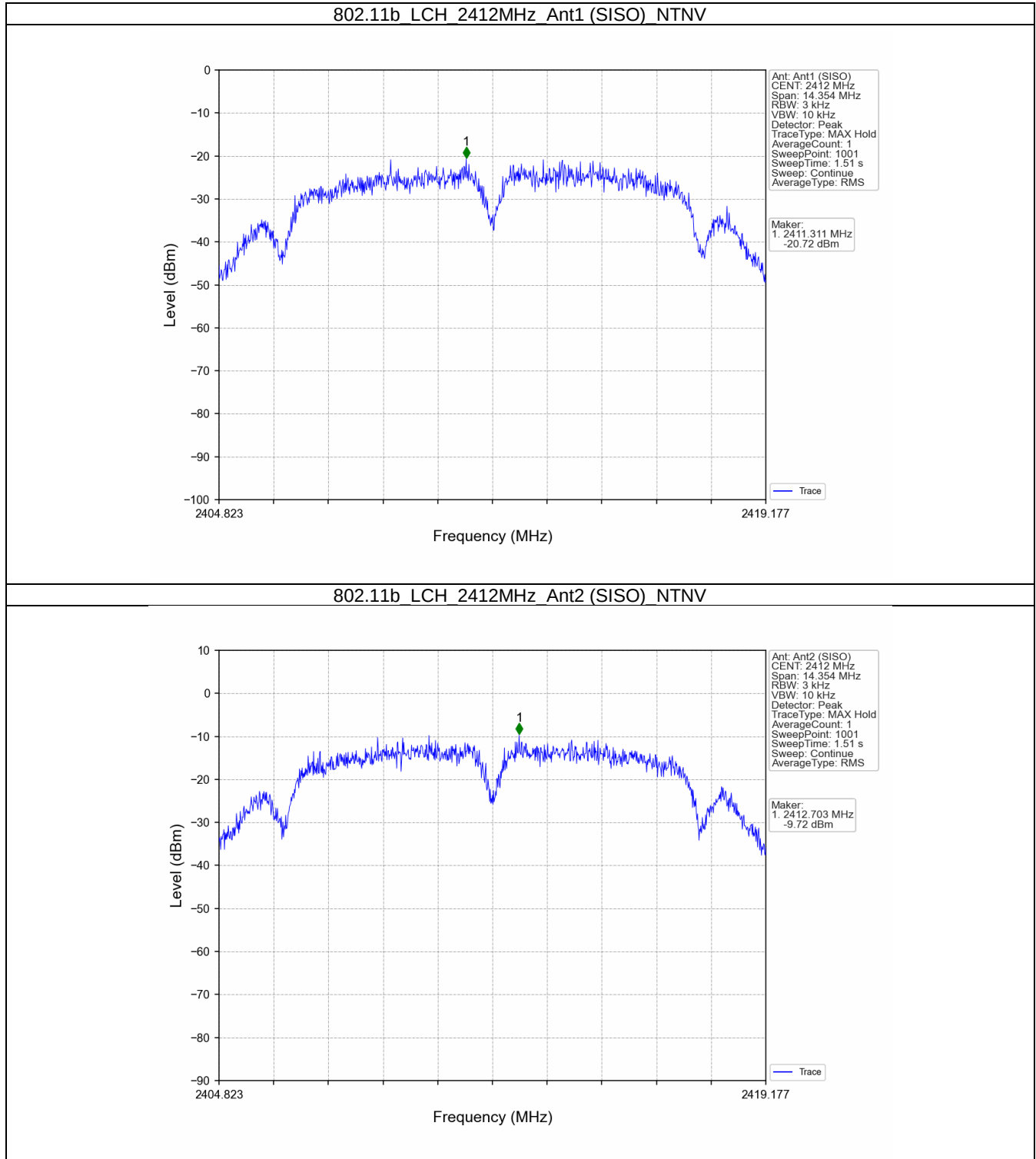
#### 4.1.1 PSD

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | Maximum PSD (dBm/3kHz) |        |        |       | Verdict |
|------------------|---------|-----------------|-------|--------|------------------------|--------|--------|-------|---------|
|                  |         |                 |       |        | ANT1                   | ANT2   | MIMO   | Limit |         |
| 802.11b          | SISO    | 2412            | /     | /      | -20.72                 | -9.72  | /      | <=8   | Pass    |
|                  |         | 2437            | /     | /      | -0.24                  | -2.72  | /      | <=8   | Pass    |
|                  |         | 2462            | /     | /      | -1.08                  | -5.23  | /      | <=8   | Pass    |
| 802.11g          | SISO    | 2412            | /     | /      | -10.30                 | -11.49 | /      | <=8   | Pass    |
|                  |         | 2437            | /     | /      | -7.12                  | -9.91  | /      | <=8   | Pass    |
|                  |         | 2462            | /     | /      | -8.11                  | -10.26 | /      | <=8   | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /     | /      | -11.55                 | -12.17 | /      | <=8   | Pass    |
|                  |         | 2437            | /     | /      | -7.31                  | -9.70  | /      | <=8   | Pass    |
|                  |         | 2462            | /     | /      | -8.26                  | -11.81 | /      | <=8   | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /     | /      | -13.13                 | -14.52 | /      | <=8   | Pass    |
|                  |         | 2437            | /     | /      | -12.13                 | -12.72 | /      | <=8   | Pass    |
|                  |         | 2452            | /     | /      | -13.33                 | -12.53 | /      | <=8   | Pass    |
| 802.11n (HT20)   | MIMO    | 2412            | /     | /      | -10.12                 | -12.10 | -9.10  | <=8   | Pass    |
|                  |         | 2437            | /     | /      | -9.67                  | -10.03 | -8.28  | <=8   | Pass    |
|                  |         | 2462            | /     | /      | -9.76                  | -11.20 | -8.48  | <=8   | Pass    |
| 802.11n (HT40)   | MIMO    | 2422            | /     | /      | -14.05                 | -15.92 | -12.36 | <=8   | Pass    |
|                  |         | 2437            | /     | /      | -13.17                 | -14.83 | -11.70 | <=8   | Pass    |
|                  |         | 2452            | /     | /      | -13.66                 | -14.68 | -11.44 | <=8   | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | RU242 | Left   | -11.16                 | -12.89 | /      | <=8   | Pass    |
|                  |         | 2437            | RU242 | Left   | -8.94                  | -10.36 | /      | <=8   | Pass    |
|                  |         | 2462            | RU242 | Left   | -9.38                  | -11.08 | /      | <=8   | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | RU484 | Left   | -13.61                 | -15.73 | /      | <=8   | Pass    |
|                  |         | 2437            | RU484 | Left   | -12.60                 | -13.93 | /      | <=8   | Pass    |
|                  |         | 2452            | RU484 | Left   | -13.66                 | -12.81 | /      | <=8   | Pass    |
| 802.11ax (HEW20) | MIMO    | 2412            | RU242 | Left   | -11.57                 | -12.27 | -9.53  | <=8   | Pass    |
|                  |         | 2437            | RU242 | Left   | -9.50                  | -10.60 | -7.92  | <=8   | Pass    |
|                  |         | 2462            | RU242 | Left   | -9.41                  | -11.48 | -8.10  | <=8   | Pass    |
| 802.11ax (HEW40) | MIMO    | 2422            | RU484 | Left   | -12.78                 | -15.27 | -11.37 | <=8   | Pass    |
|                  |         | 2437            | RU484 | Left   | -11.76                 | -13.03 | -10.53 | <=8   | Pass    |
|                  |         | 2452            | RU484 | Left   | -12.50                 | -13.51 | -11.20 | <=8   | Pass    |

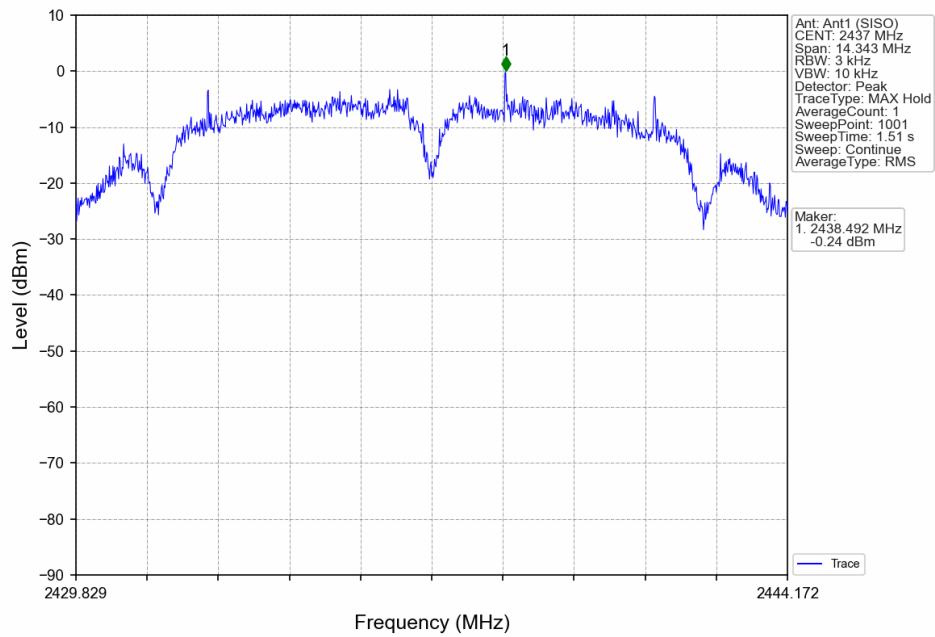
Note1: Antenna Gain: Ant1: 2.88dBi; Ant2: 2.88dBi;  
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

## 4.2 Test Graph

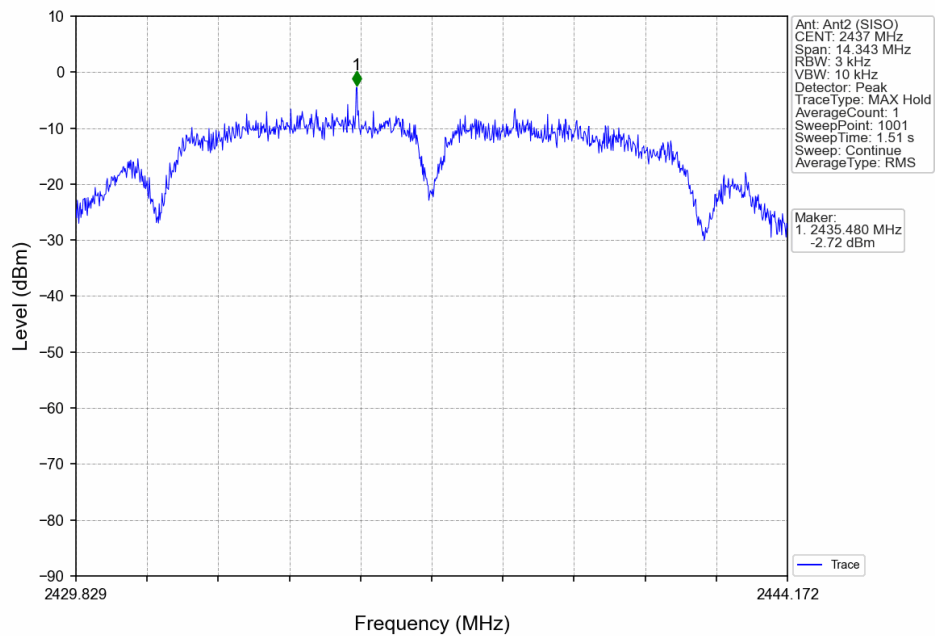
### 4.2.1 PSD



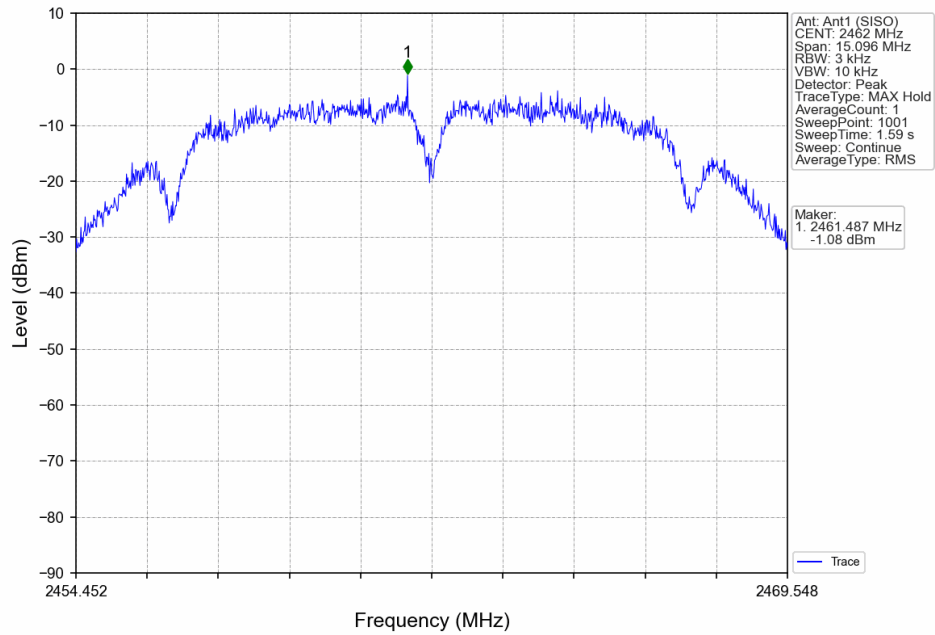
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



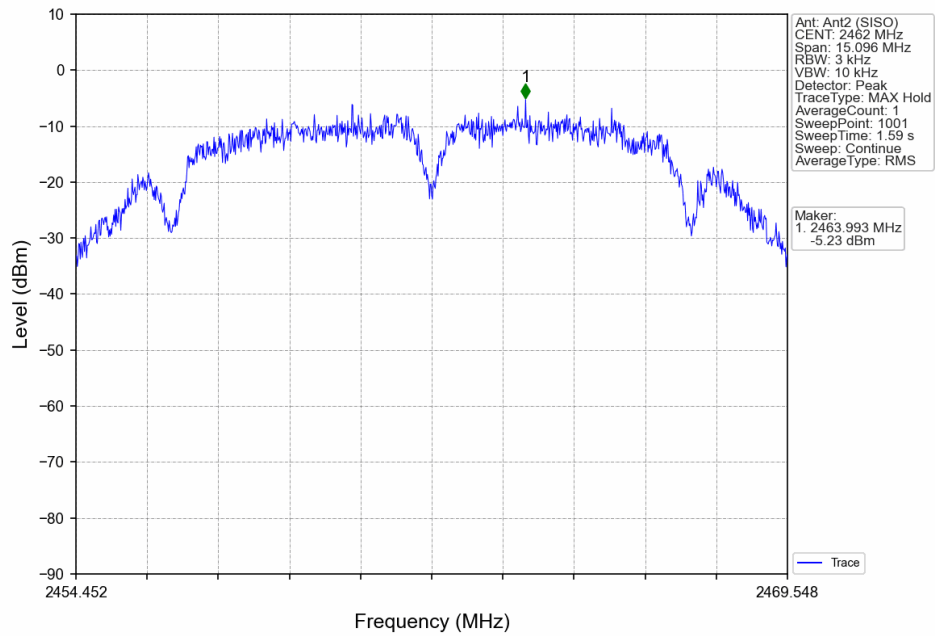
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



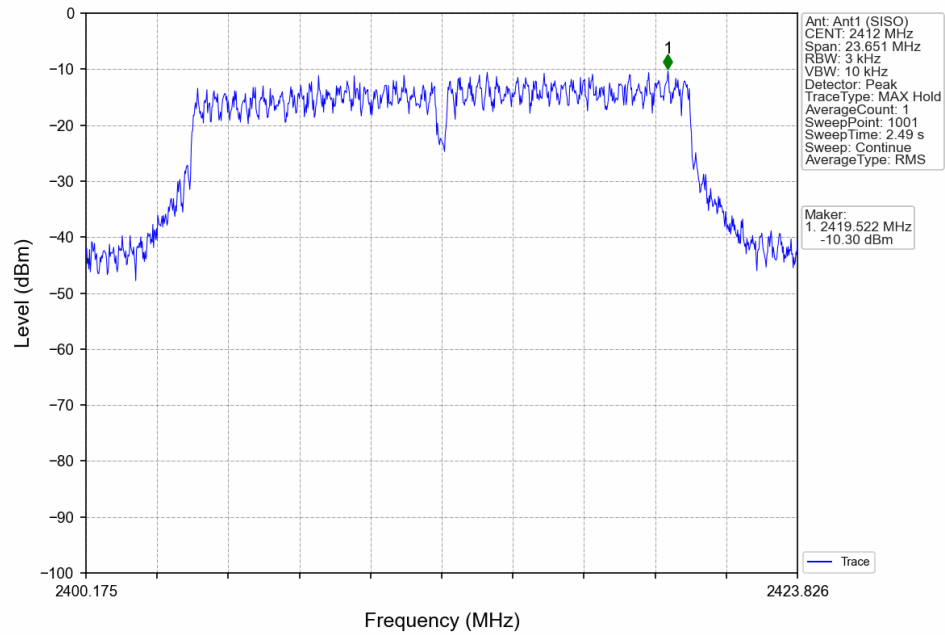
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



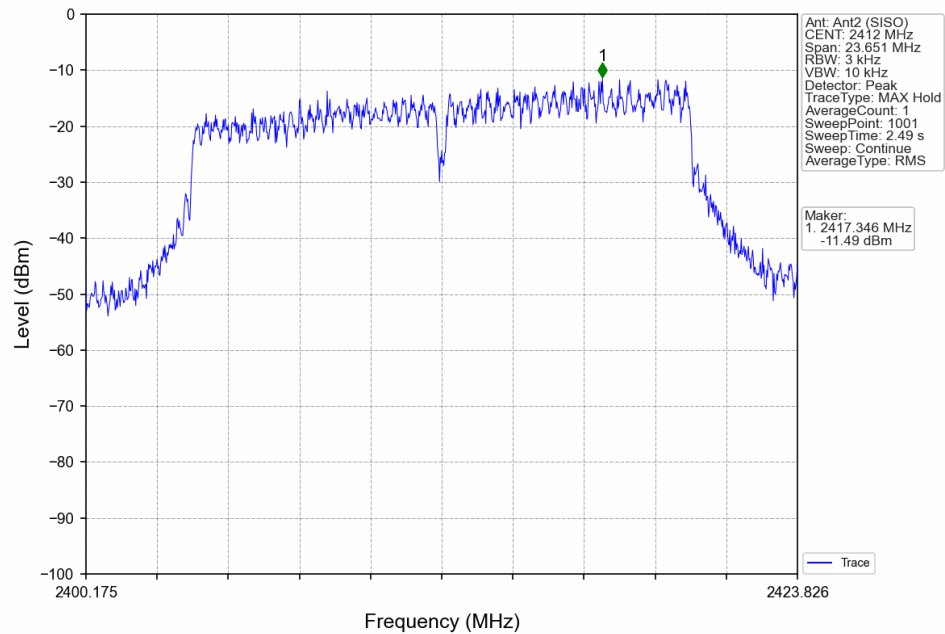
802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



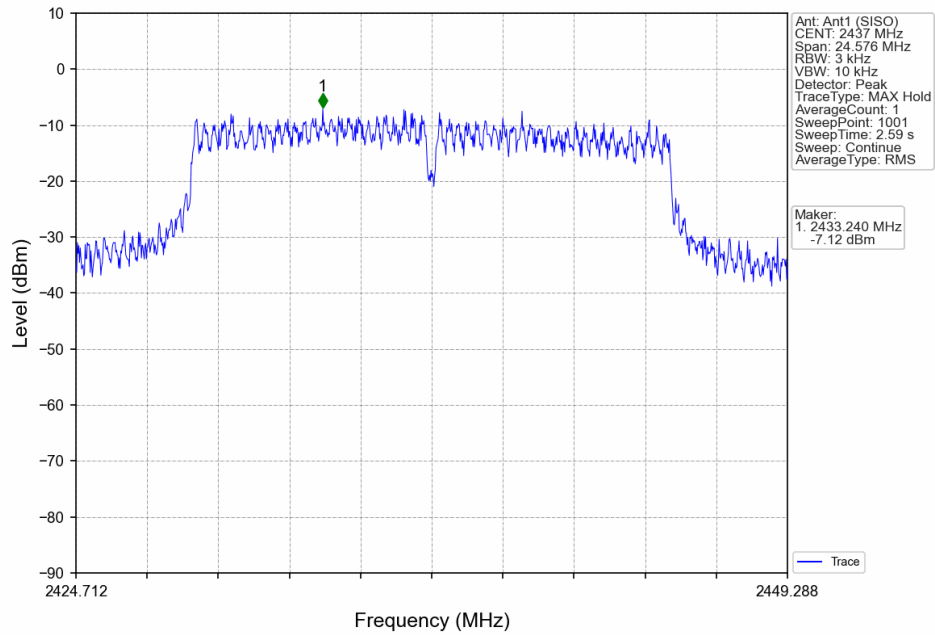
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



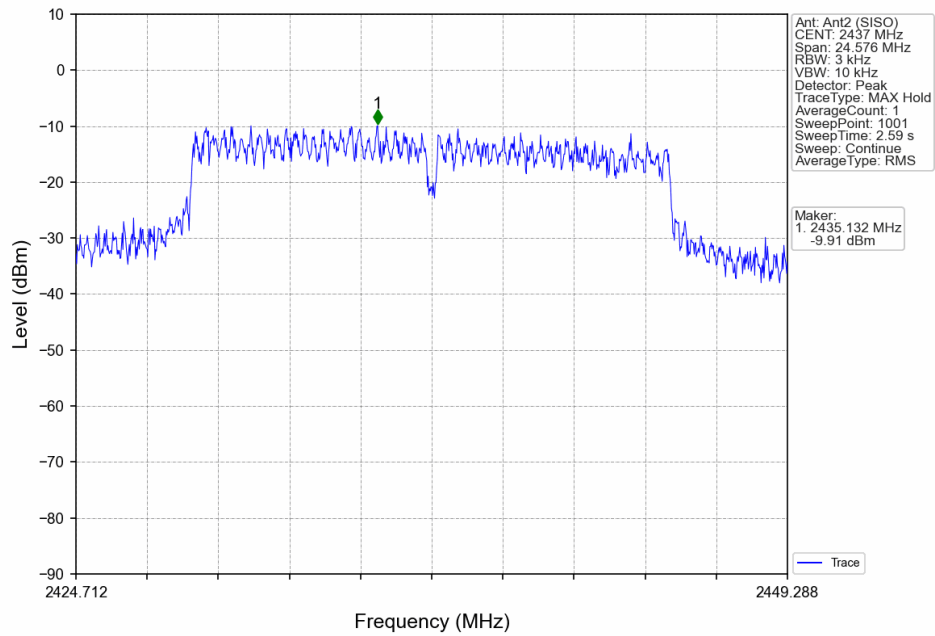
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



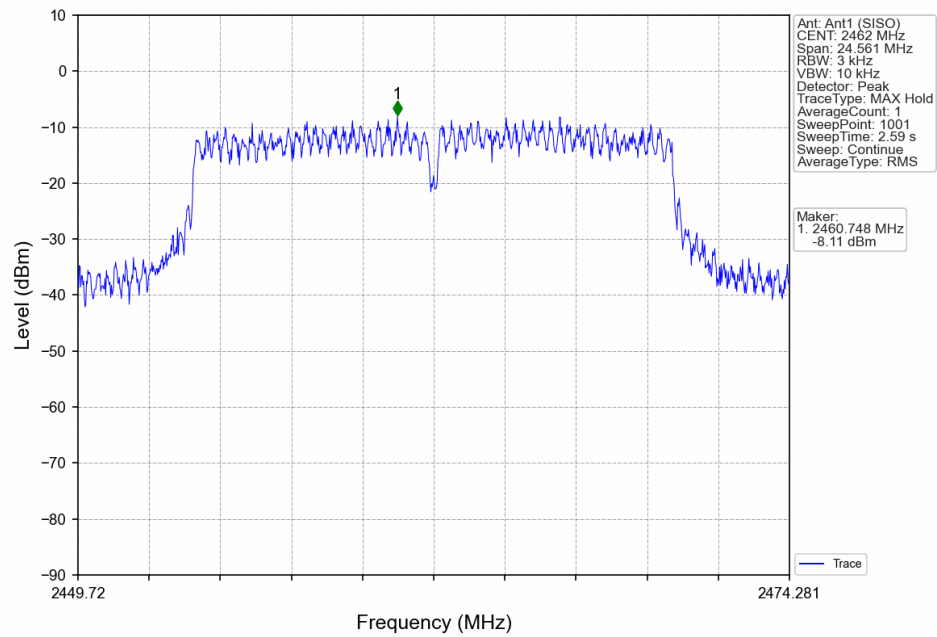
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



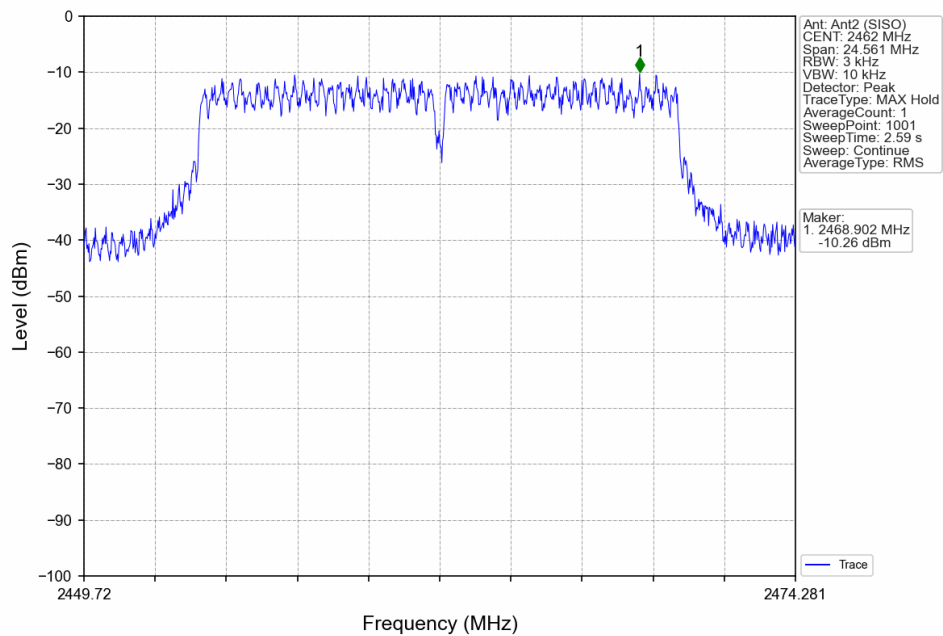
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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

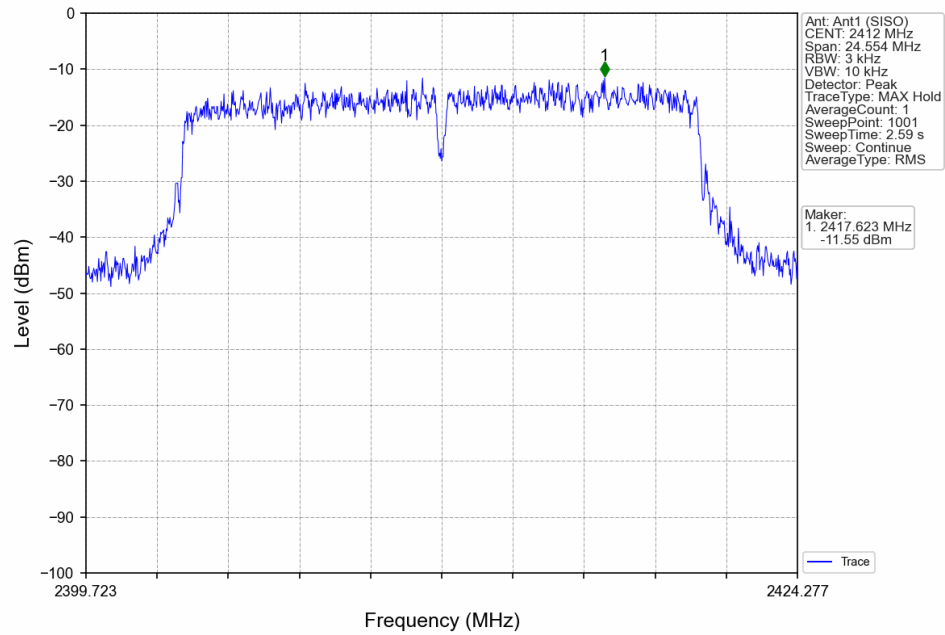


802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV





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



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

