

# RF Test Report

## For

|                      |                        |
|----------------------|------------------------|
| Project No.:         | ZKT-240822L10326E-2    |
| Client:              | Quantum Creations LLC. |
| Manufacturer:        | QUTHC Limited          |
| Product Description: | Mini PC Stick          |
| Model :              | A4P0AL                 |
| Test Engineer:       | Jim Liu                |
| Test Date:           | 2024-10-30             |

## Test Summary

| Item                                                 | Result |
|------------------------------------------------------|--------|
| Duty Cycle                                           | Pass   |
| Bandwidth                                            | Pass   |
| Maximum Conducted Output Power                       | Pass   |
| Maximum Power Spectral Density                       | Pass   |
| Unwanted Emissions In Non-restricted Frequency Bands | Pass   |
| Frequency Error                                      | Pass   |
| Form731                                              | Pass   |

# 1. Duty Cycle

## 1.1 Test Relt

### 1.1.1 Ant1

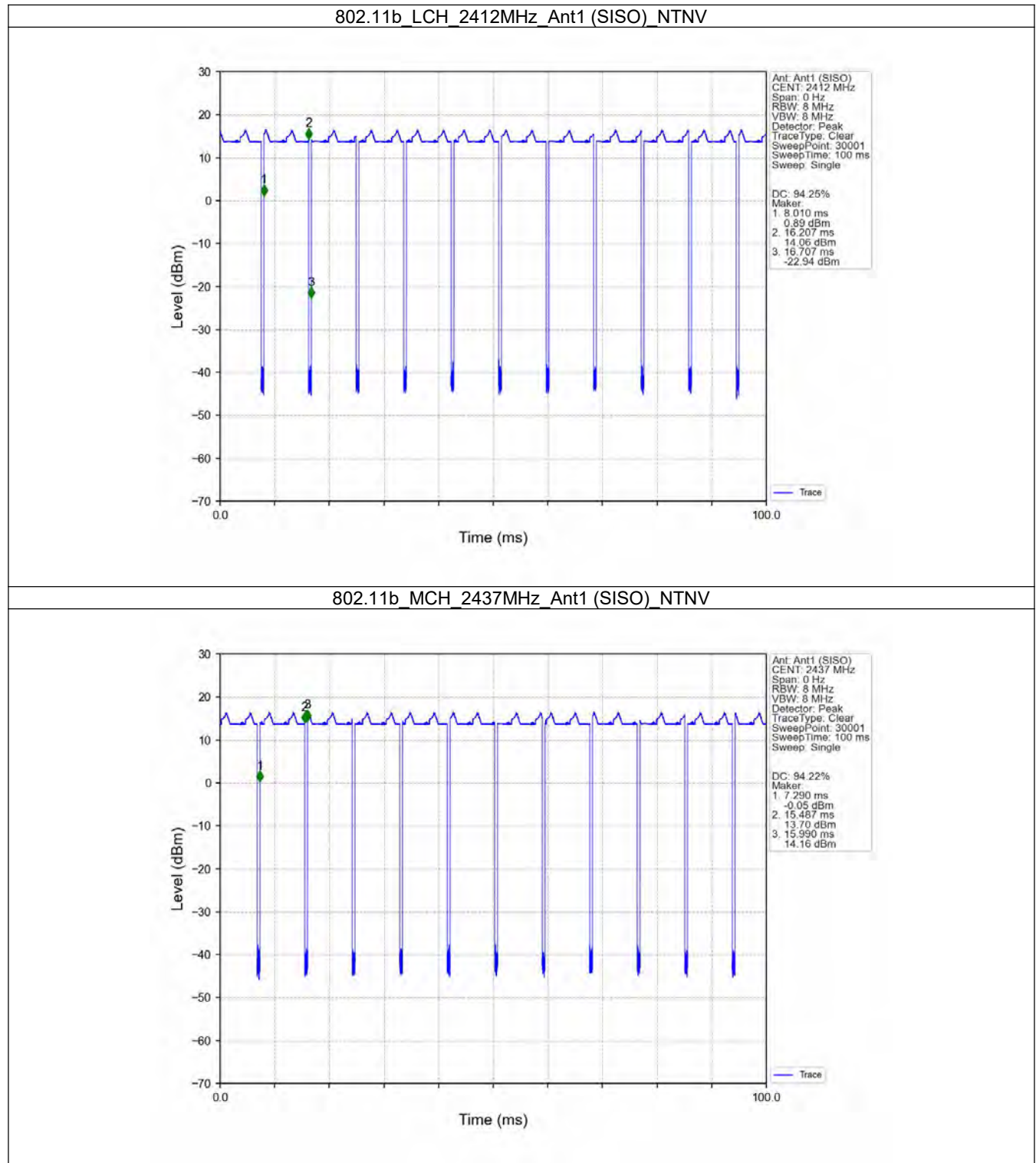
| Ant1             |         |                 |    |           |             |                |                                   |                       |
|------------------|---------|-----------------|----|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode             | TX Type | Frequency (MHz) | RU | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11b          | SISO    | 2412            | /  | 8.197     | 8.697       | 94.25          | 0.26                              | 0.00                  |
|                  |         | 2437            | /  | 8.197     | 8.700       | 94.22          | 0.26                              | 0.04                  |
|                  |         | 2462            | /  | 8.197     | 8.700       | 94.22          | 0.26                              | 0.04                  |
| 802.11g          | SISO    | 2412            | /  | 1.361     | 1.862       | 73.09          | 1.36                              | 0.03                  |
|                  |         | 2437            | /  | 1.362     | 1.863       | 73.11          | 1.36                              | 0.03                  |
|                  |         | 2462            | /  | 1.362     | 1.863       | 73.11          | 1.36                              | 0.03                  |
| 802.11n (HT20)   | SISO    | 2412            | /  | 1.273     | 1.774       | 71.76          | 1.44                              | 0.03                  |
|                  |         | 2437            | /  | 1.274     | 1.775       | 71.77          | 1.44                              | 0.02                  |
|                  |         | 2462            | /  | 0.634     | 1.135       | 55.86          | 2.53                              | 0.03                  |
| 802.11n (HT40)   | SISO    | 2422            | /  | 0.634     | 1.134       | 55.91          | 2.53                              | 0.01                  |
|                  |         | 2437            | /  | 0.633     | 1.134       | 55.82          | 2.53                              | 0.01                  |
|                  |         | 2452            | /  | 0.633     | 1.134       | 55.82          | 2.53                              | 0.03                  |
| 802.11ax (HEW20) | SISO    | 2412            | /  | 1.276     | 1.778       | 71.77          | 1.44                              | 0.07                  |
|                  |         | 2437            | /  | 1.277     | 1.779       | 71.78          | 1.44                              | 0.05                  |
|                  |         | 2462            | /  | 1.276     | 1.778       | 71.77          | 1.44                              | 0.04                  |
| 802.11ax (HEW40) | SISO    | 2422            | /  | 0.636     | 1.138       | 55.89          | 2.53                              | 0.03                  |
|                  |         | 2437            | /  | 0.637     | 1.139       | 55.93          | 2.52                              | 0.04                  |
|                  |         | 2452            | /  | 0.636     | 1.138       | 55.89          | 2.53                              | 0.04                  |

### 1.1.2 Ant2

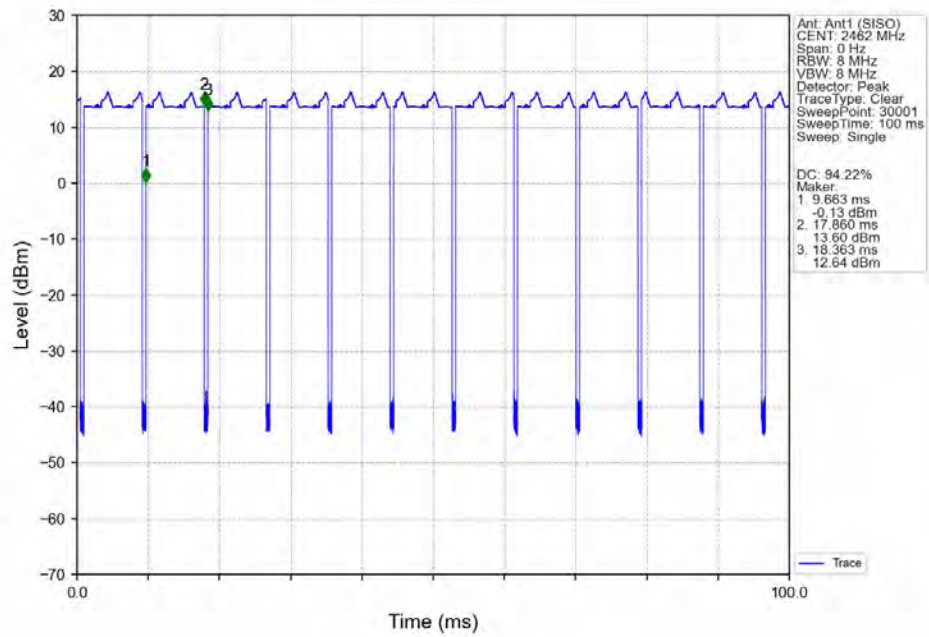
| Ant2             |         |                 |    |           |             |                |                                   |                       |
|------------------|---------|-----------------|----|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode             | TX Type | Frequency (MHz) | RU | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11b          | SISO    | 2412            | /  | 8.197     | 8.697       | 94.25          | 0.26                              | 0.00                  |
|                  |         | 2437            | /  | 8.196     | 8.696       | 94.25          | 0.26                              | 0.00                  |
|                  |         | 2462            | /  | 8.197     | 8.700       | 94.22          | 0.26                              | 0.04                  |
| 802.11g          | SISO    | 2412            | /  | 1.361     | 1.862       | 73.09          | 1.36                              | 0.03                  |
|                  |         | 2437            | /  | 1.362     | 1.863       | 73.11          | 1.36                              | 0.03                  |
|                  |         | 2462            | /  | 1.361     | 1.862       | 73.09          | 1.36                              | 0.03                  |
| 802.11n (HT20)   | SISO    | 2412            | /  | 1.274     | 1.775       | 71.77          | 1.44                              | 0.02                  |
|                  |         | 2437            | /  | 1.274     | 1.774       | 71.82          | 1.44                              | 0.01                  |
|                  |         | 2462            | /  | 0.633     | 1.134       | 55.82          | 2.53                              | 0.03                  |
| 802.11n (HT40)   | SISO    | 2422            | /  | 0.633     | 1.134       | 55.82          | 2.53                              | 0.03                  |
|                  |         | 2437            | /  | 0.634     | 1.135       | 55.86          | 2.53                              | 0.03                  |
|                  |         | 2452            | /  | 0.634     | 1.134       | 55.91          | 2.53                              | 0.03                  |
| 802.11ax (HEW20) | SISO    | 2412            | /  | 1.276     | 1.778       | 71.77          | 1.44                              | 0.03                  |
|                  |         | 2437            | /  | 1.277     | 1.779       | 71.78          | 1.44                              | 0.02                  |
|                  |         | 2462            | /  | 1.276     | 1.778       | 71.77          | 1.44                              | 0.03                  |
| 802.11ax (HEW40) | SISO    | 2422            | /  | 0.633     | 1.135       | 55.77          | 2.54                              | 0.03                  |
|                  |         | 2437            | /  | 0.637     | 1.138       | 55.98          | 2.52                              | 0.03                  |
|                  |         | 2452            | /  | 0.637     | 1.138       | 55.98          | 2.52                              | 0.01                  |

## 1.2 Test Graph

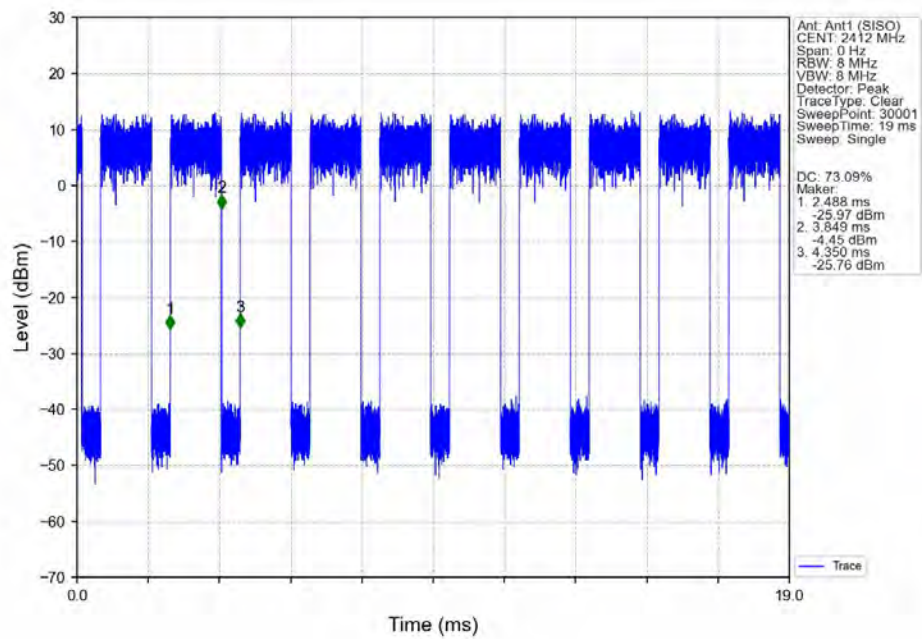
### 1.2.1 Ant1



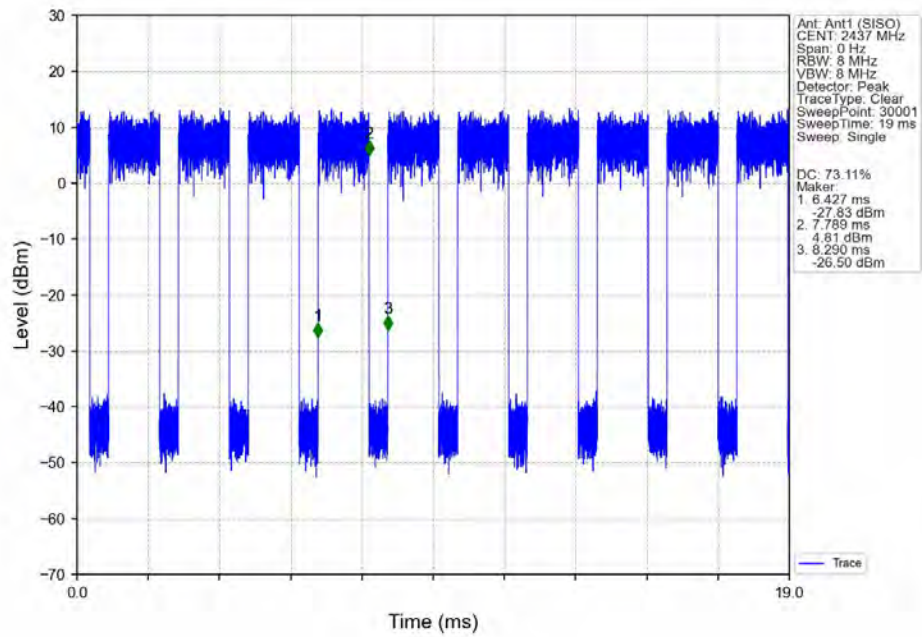
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



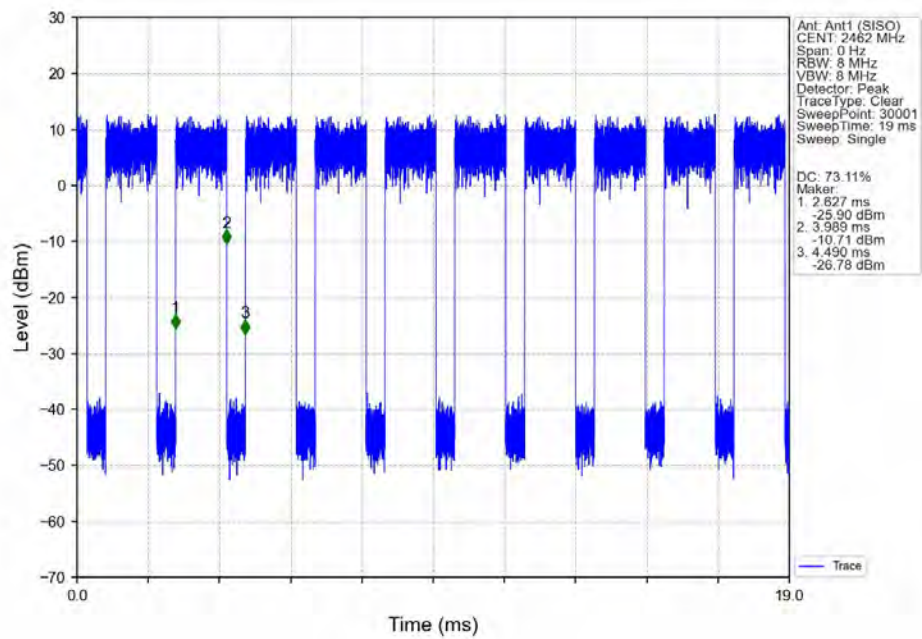
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



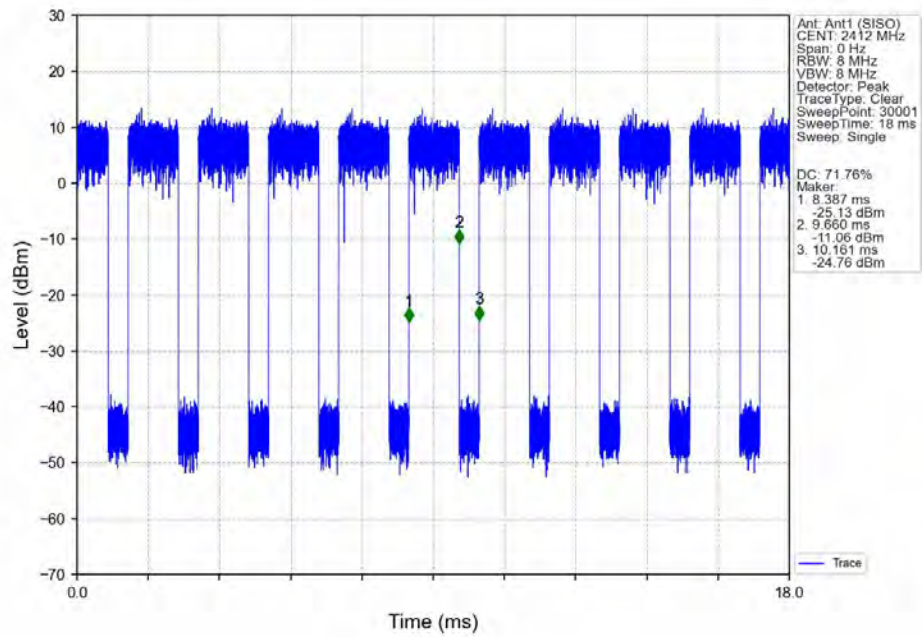
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



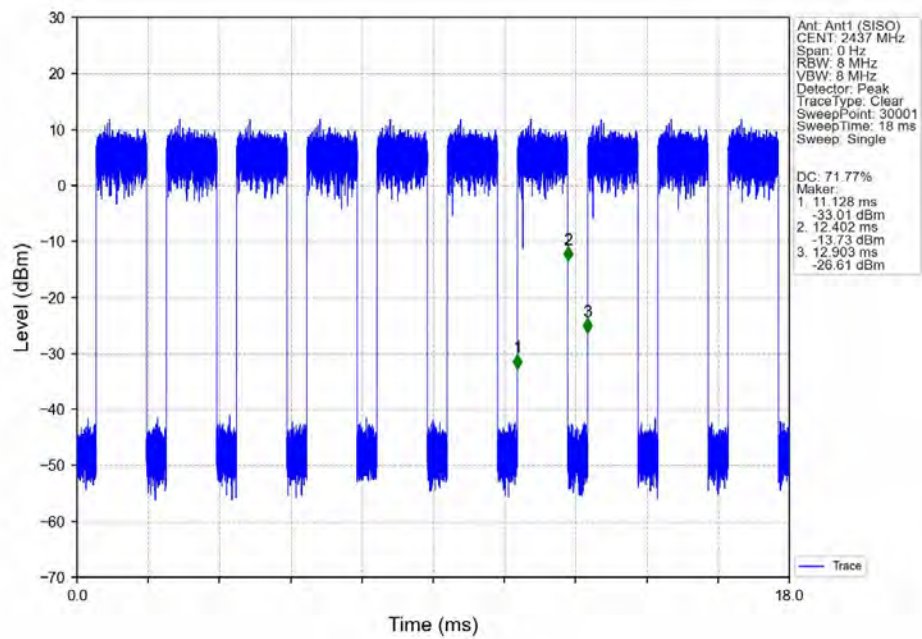
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



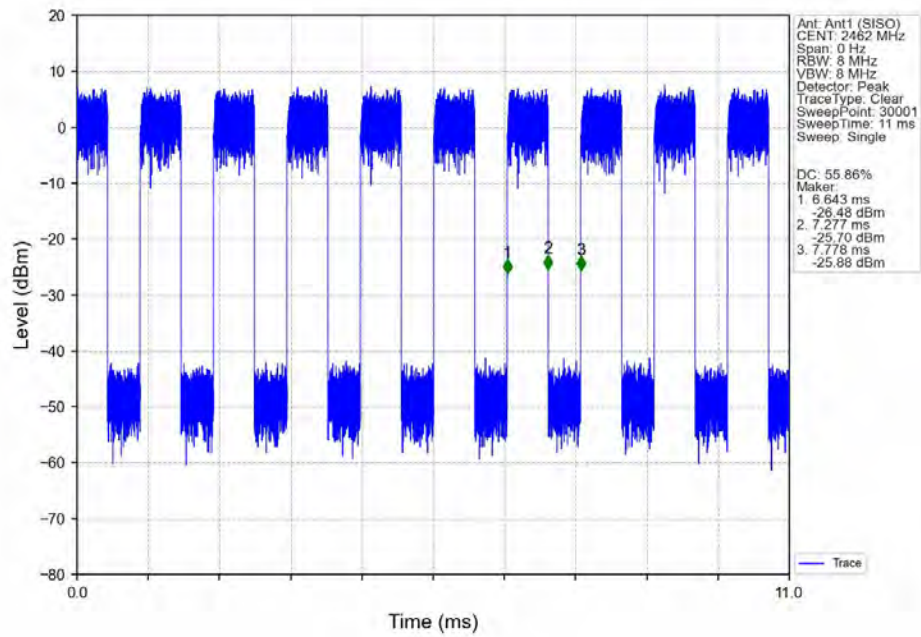
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



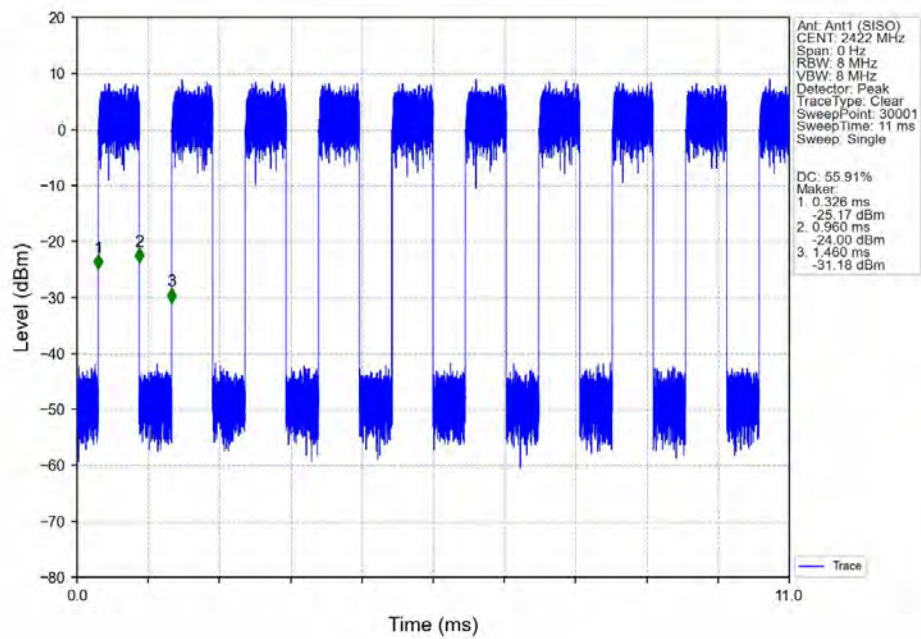
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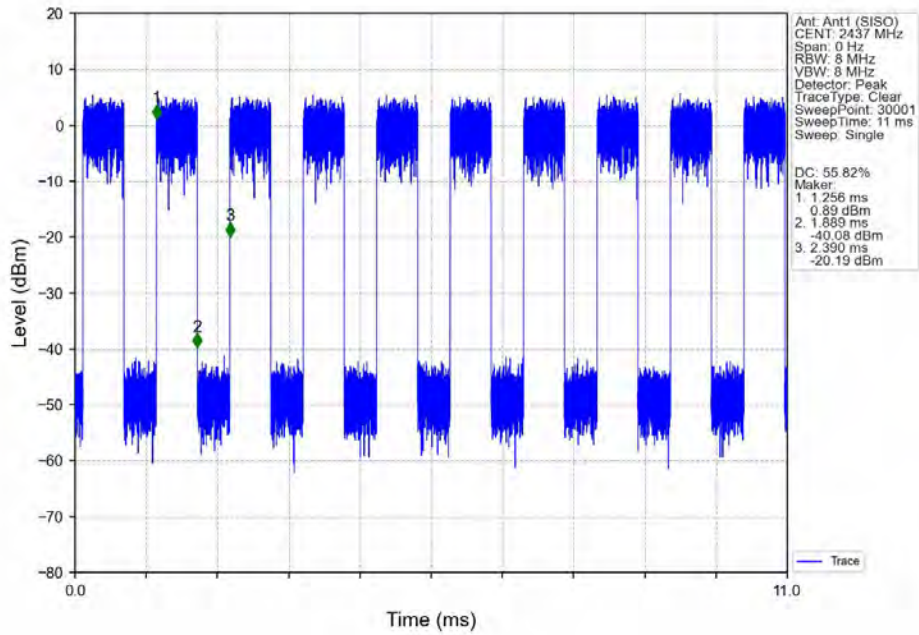
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



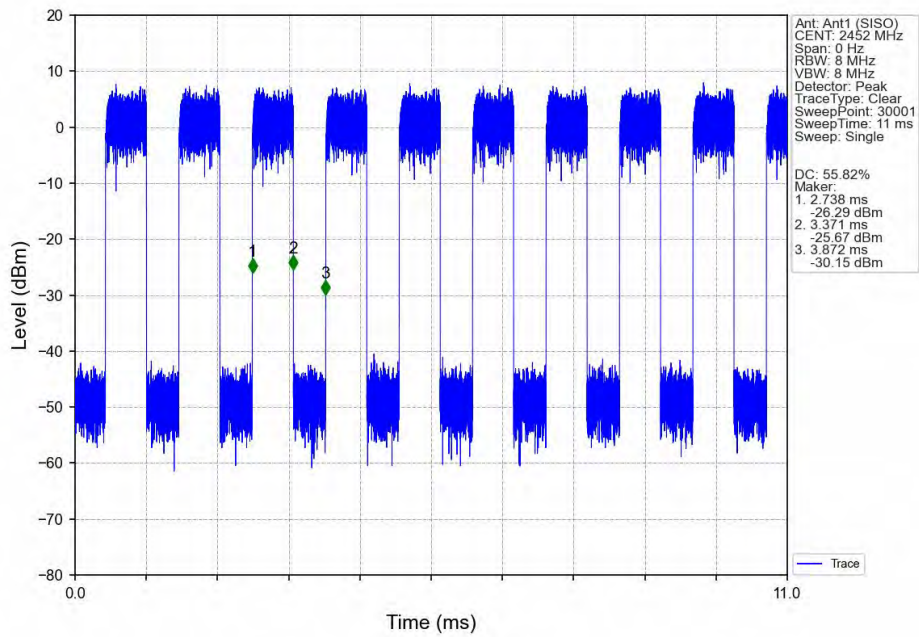
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



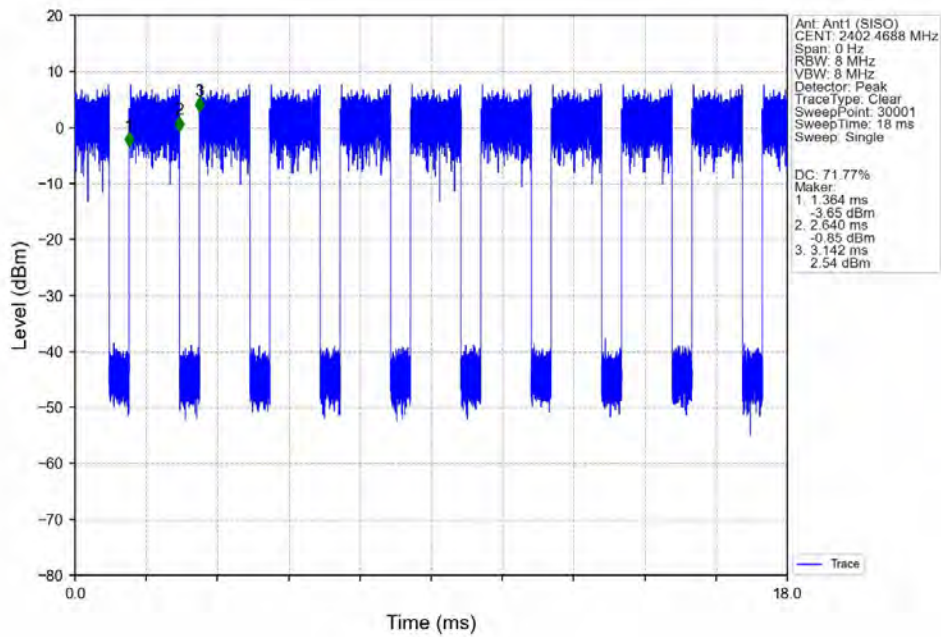
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



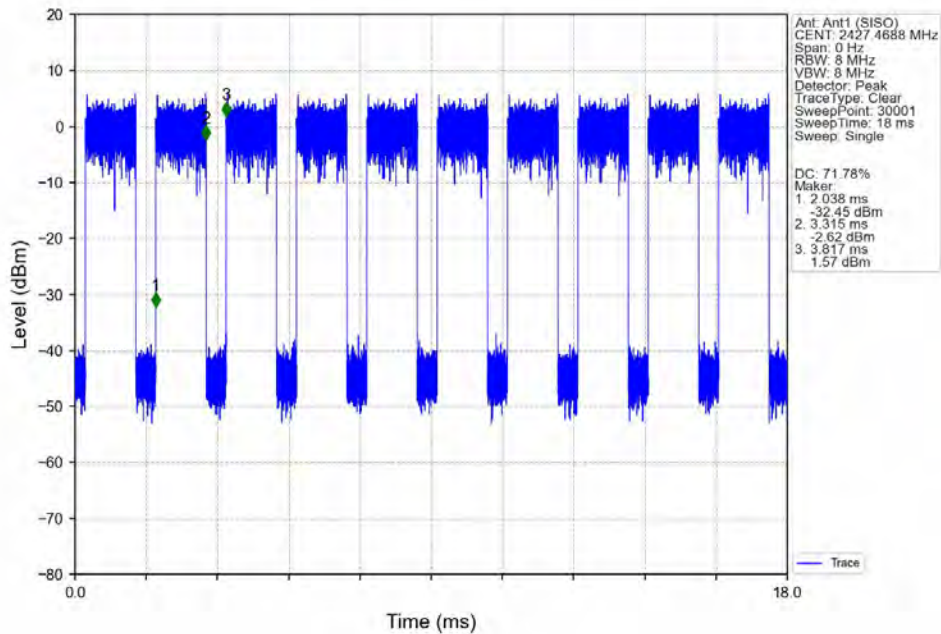
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



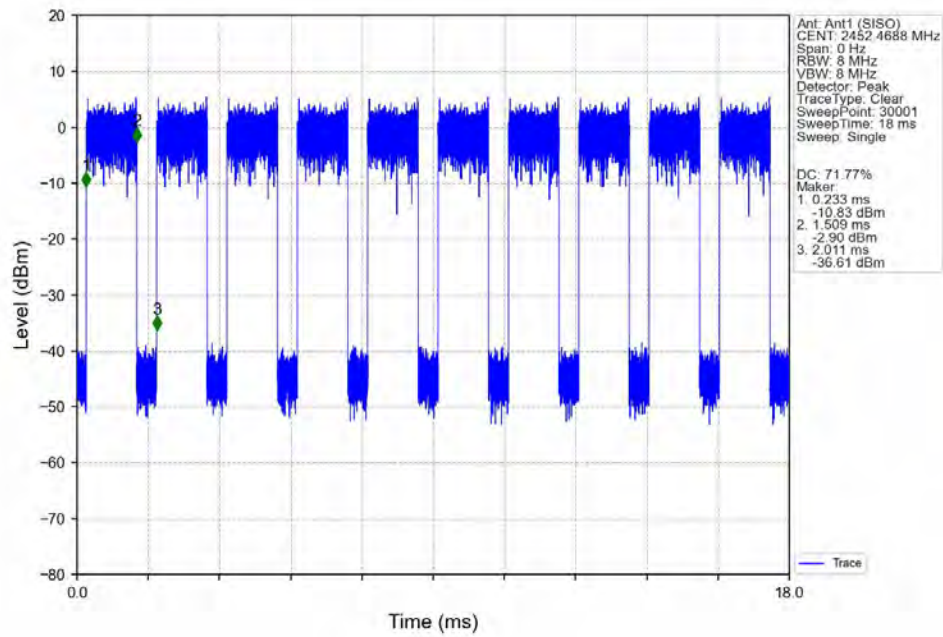
802.11ax(HEW20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



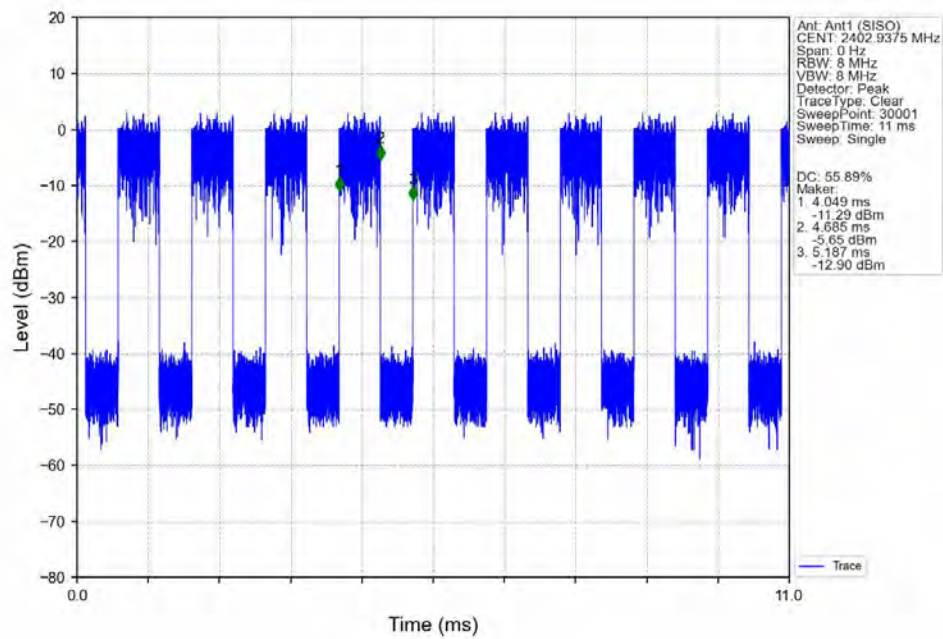
802.11ax(HEW20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



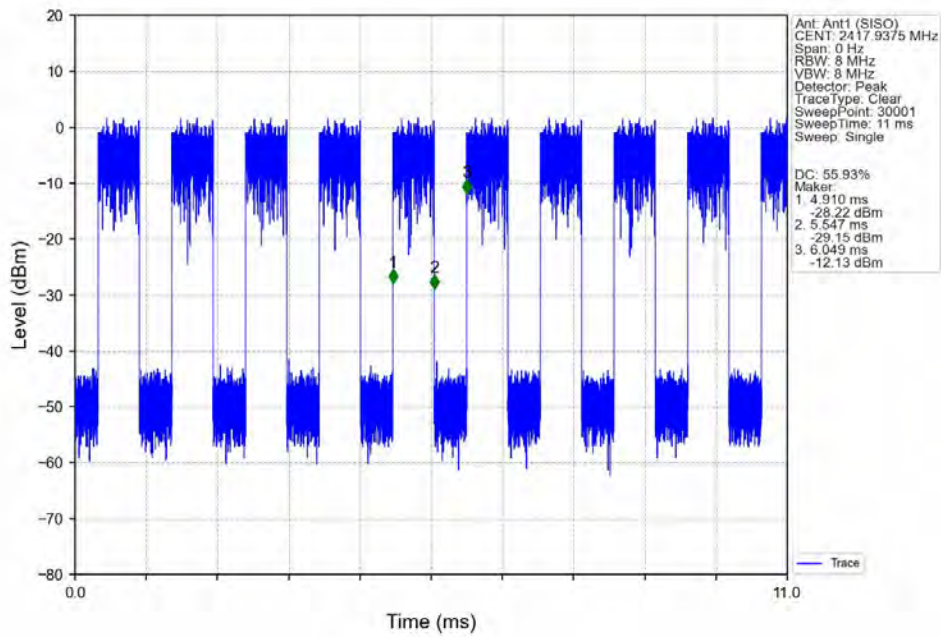
802.11ax(HEW20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



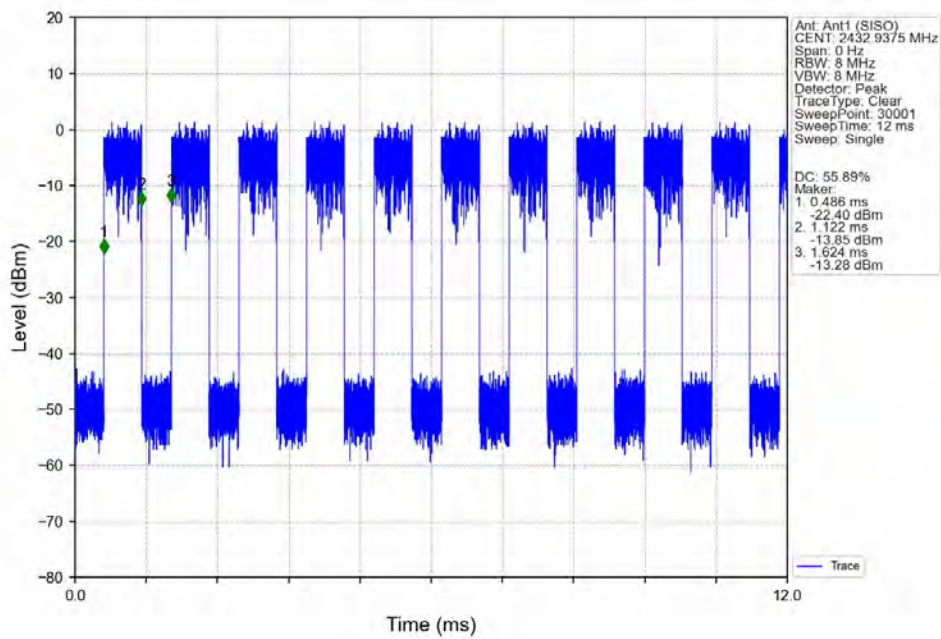
802.11ax(HEW40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



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

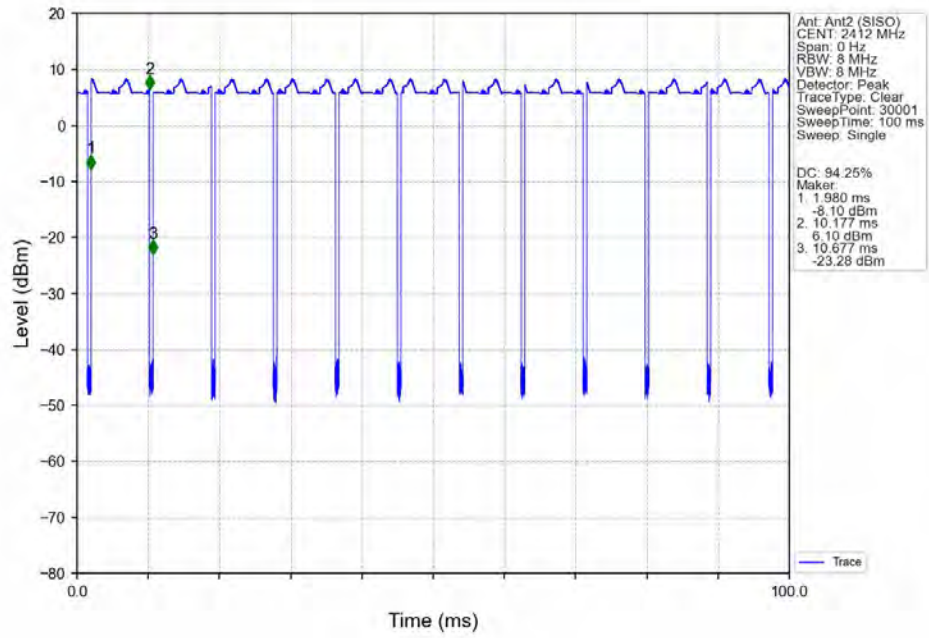


802.11ax(HEW40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV

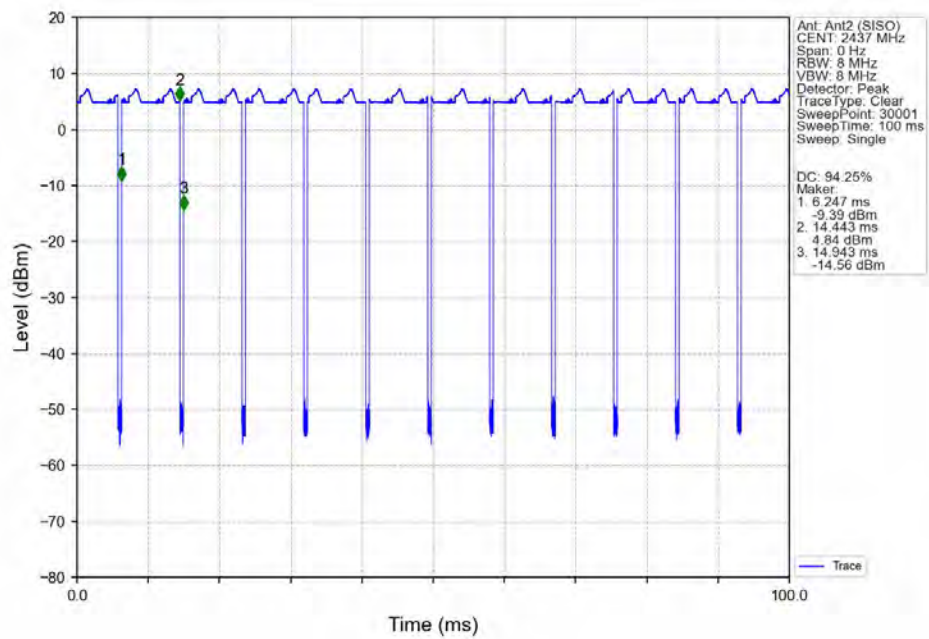


## 1.2.2 Ant2

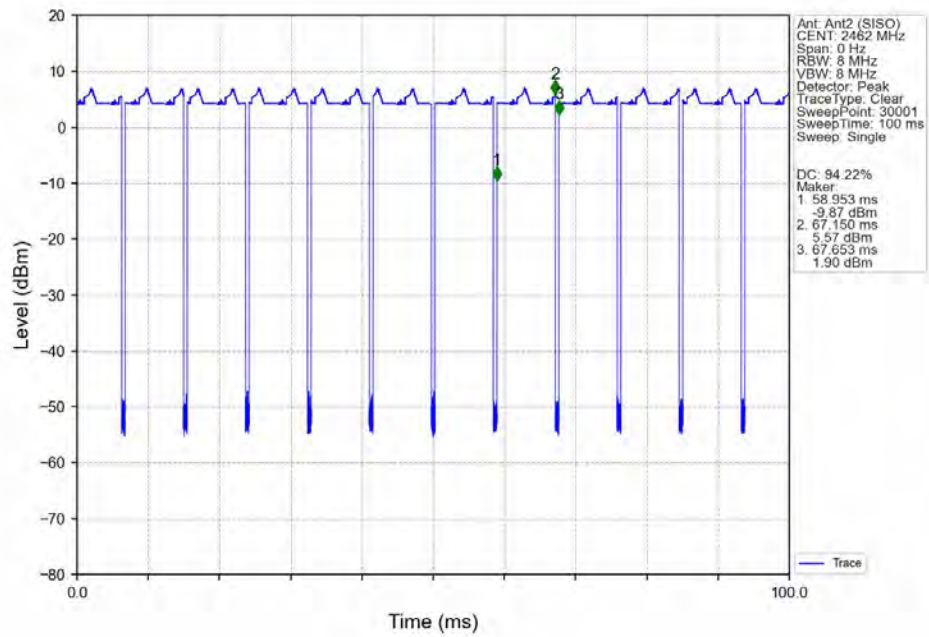
802.11b\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



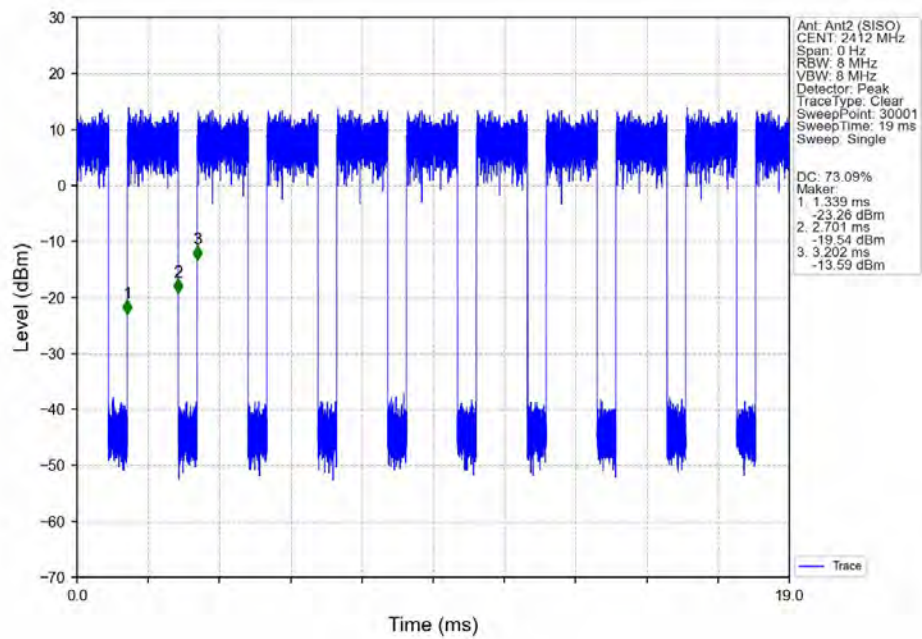
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



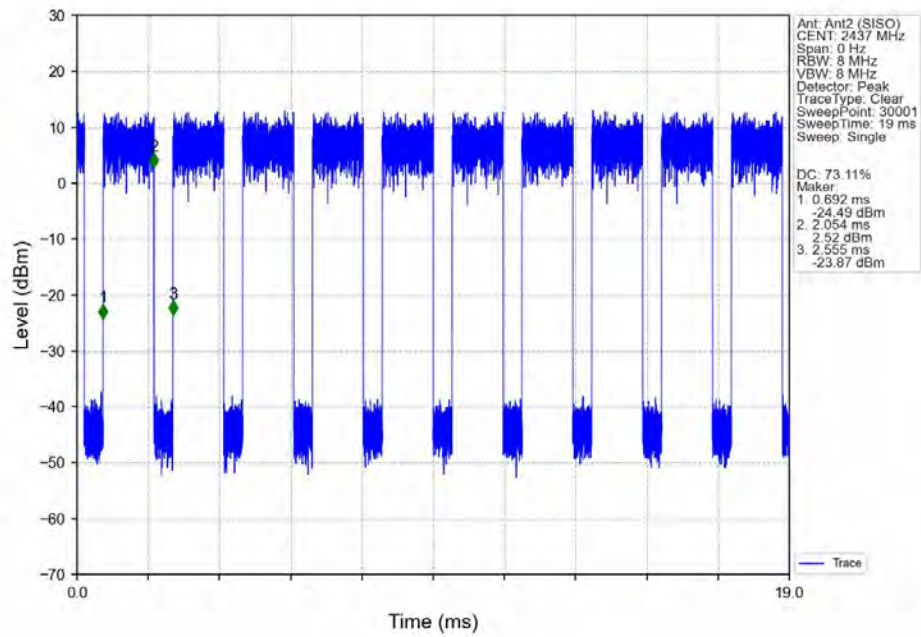
## 802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



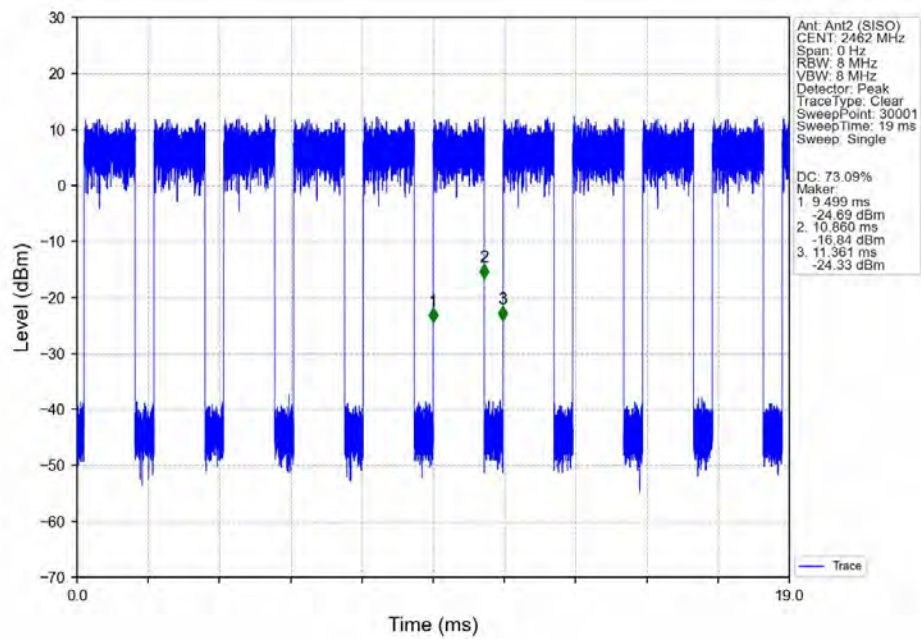
## 802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



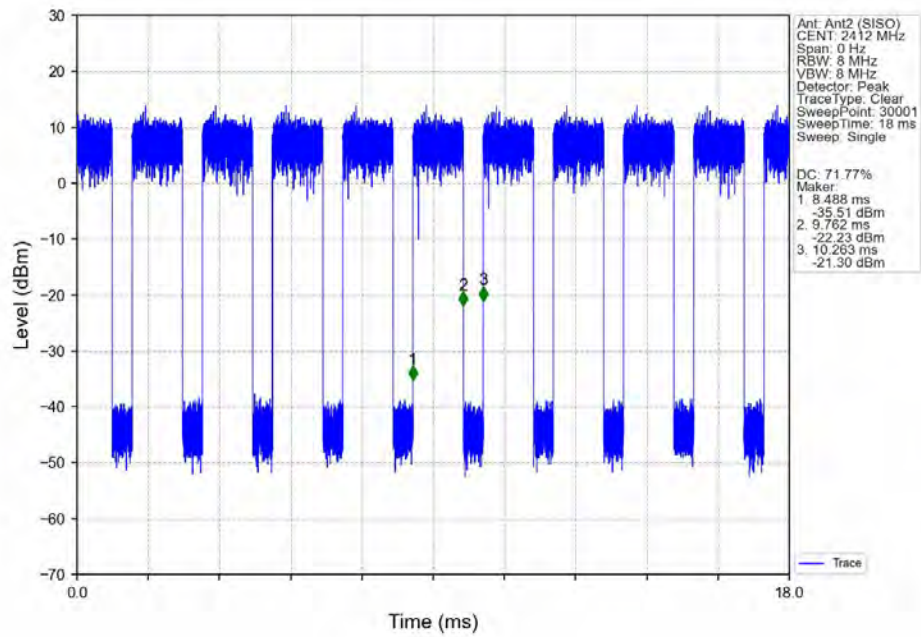
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



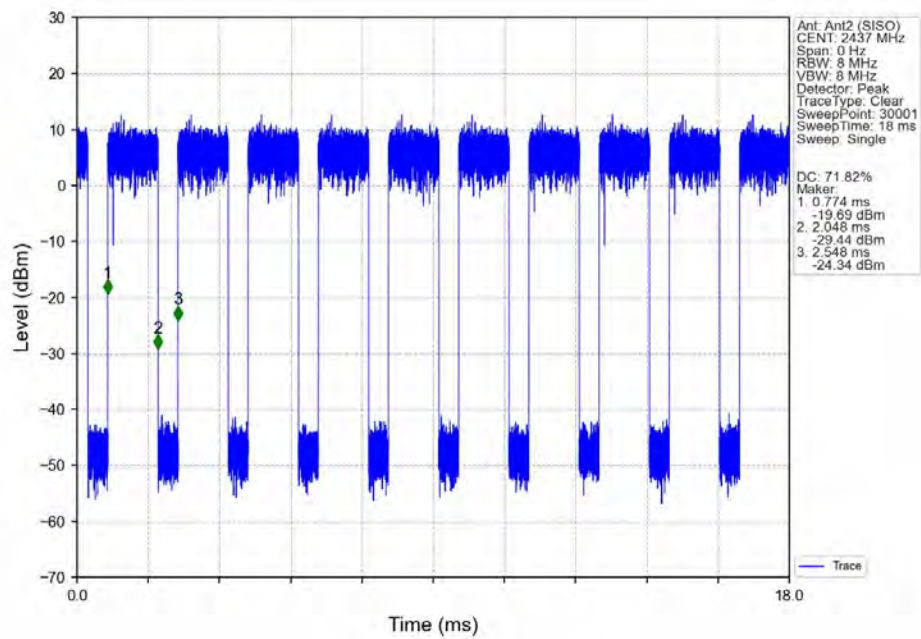
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



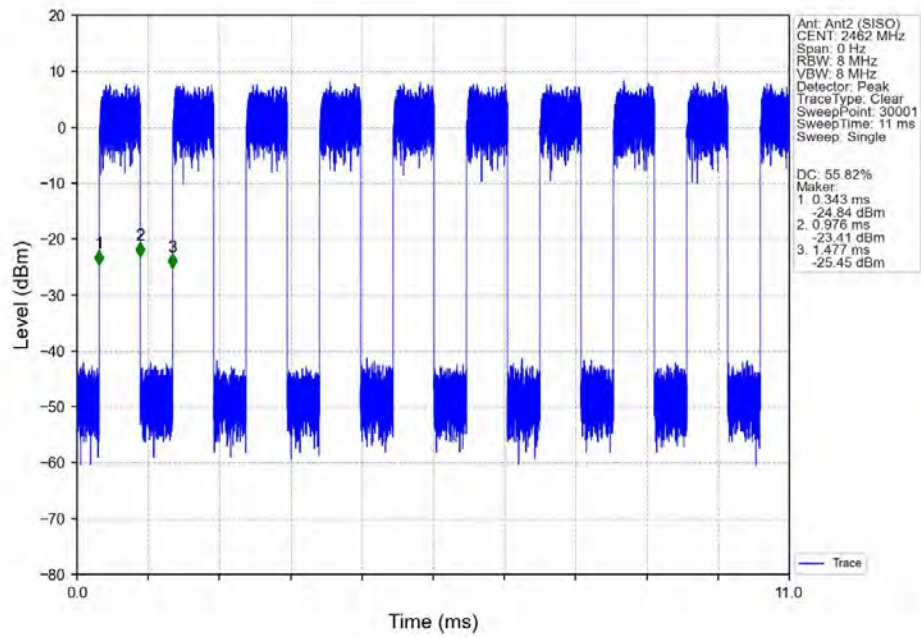
802.11n(HT20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



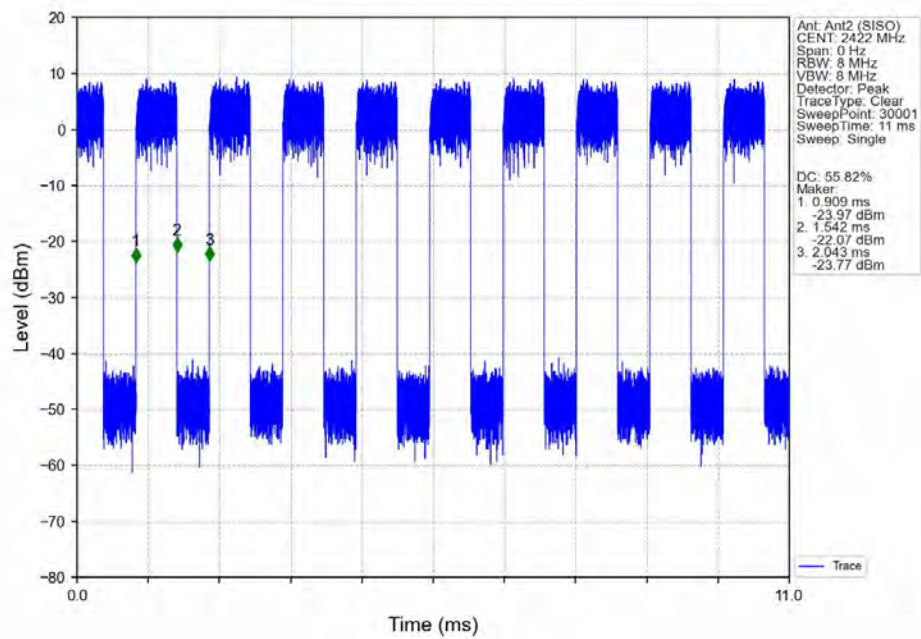
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



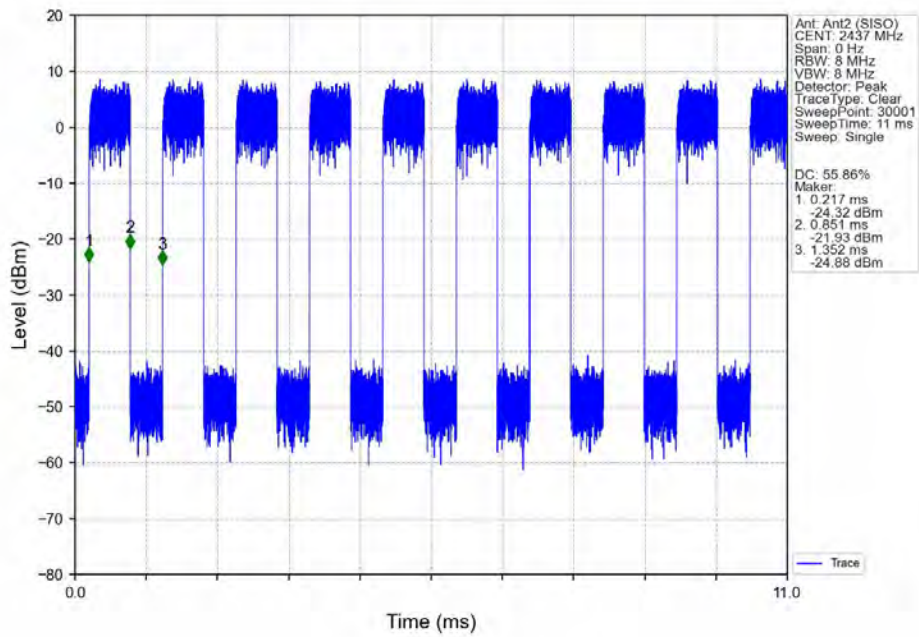
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



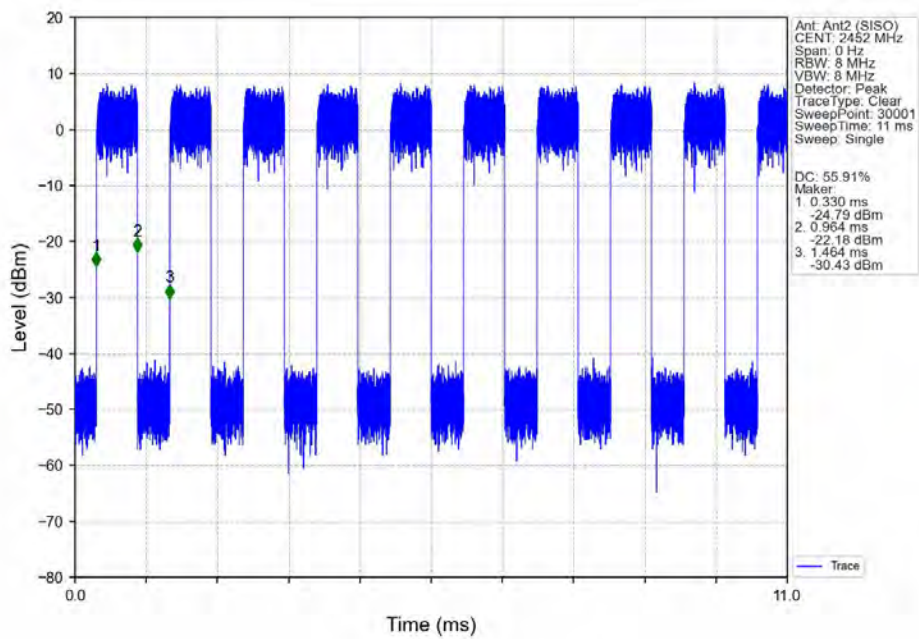
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



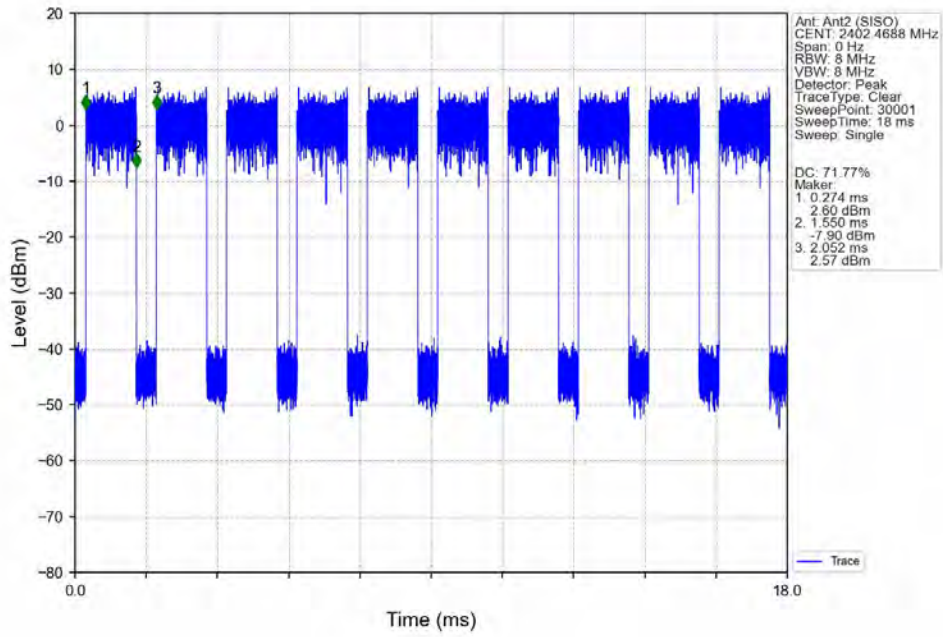
802.11n(HT40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



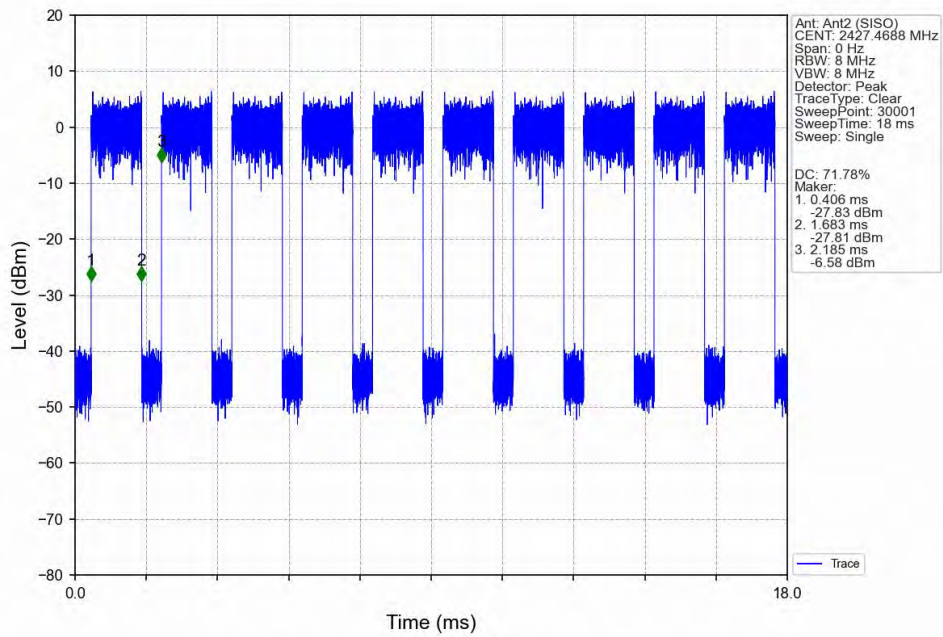
802.11n(HT40)\_HCH\_2452MHz\_Ant2 (SISO)\_NTNV



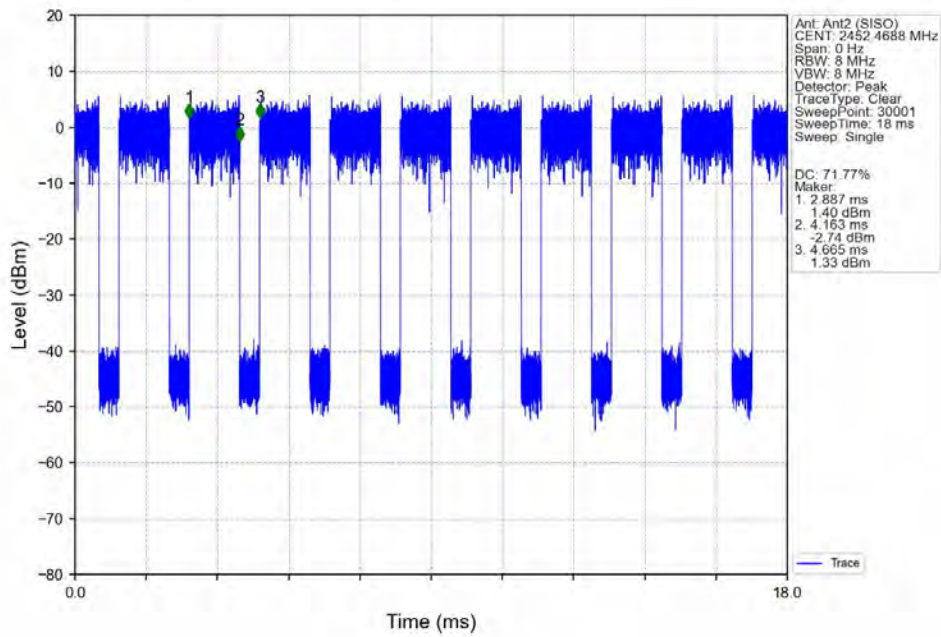
802.11ax(HEW20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



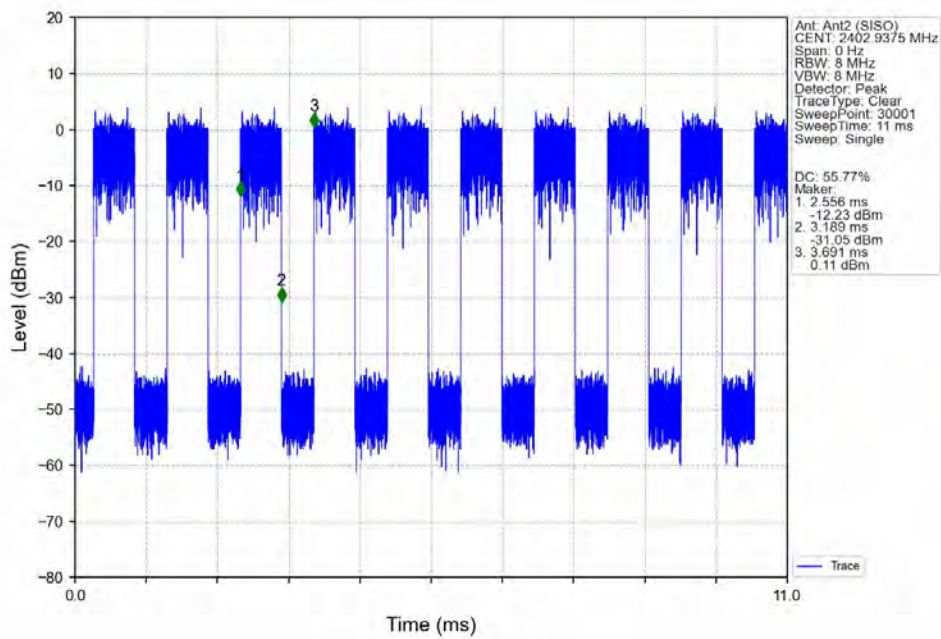
802.11ax(HEW20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



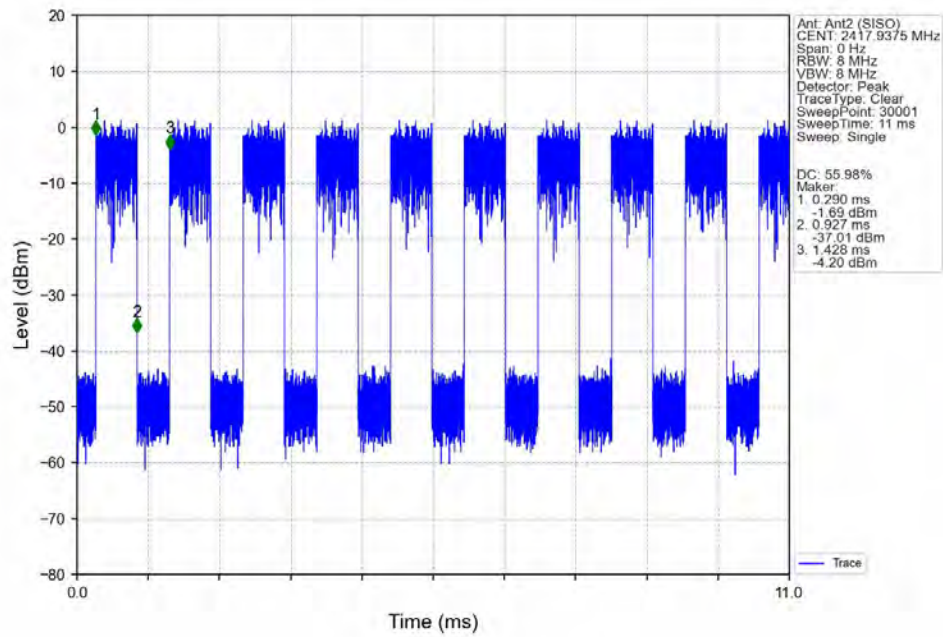
802.11ax(HEW20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



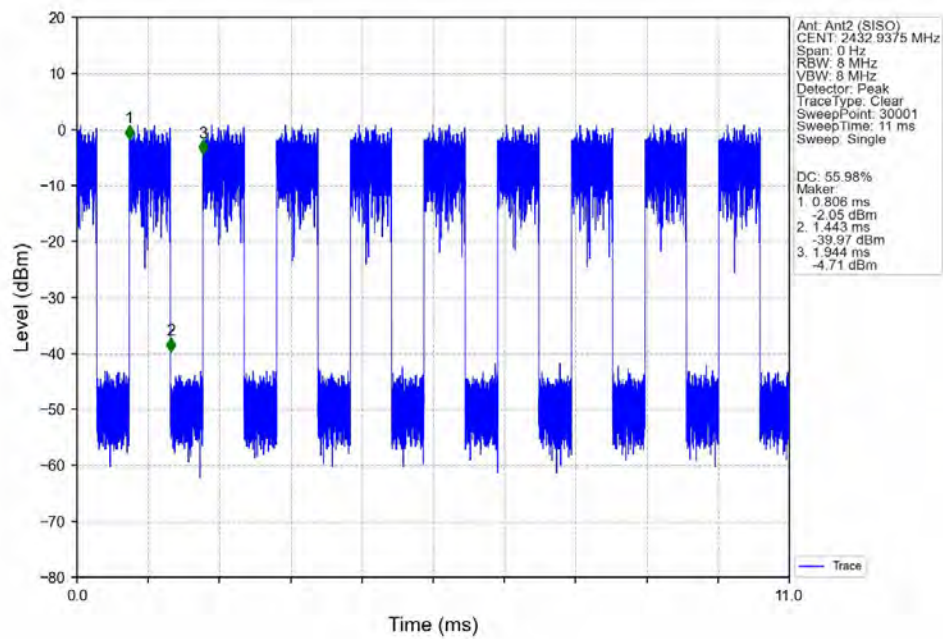
802.11ax(HEW40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



802.11ax(HEW40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_Ant2 (SISO)\_NTNV



## 2. Bandwidth

### 2.1 Test Relt

#### 2.1.1 OBW

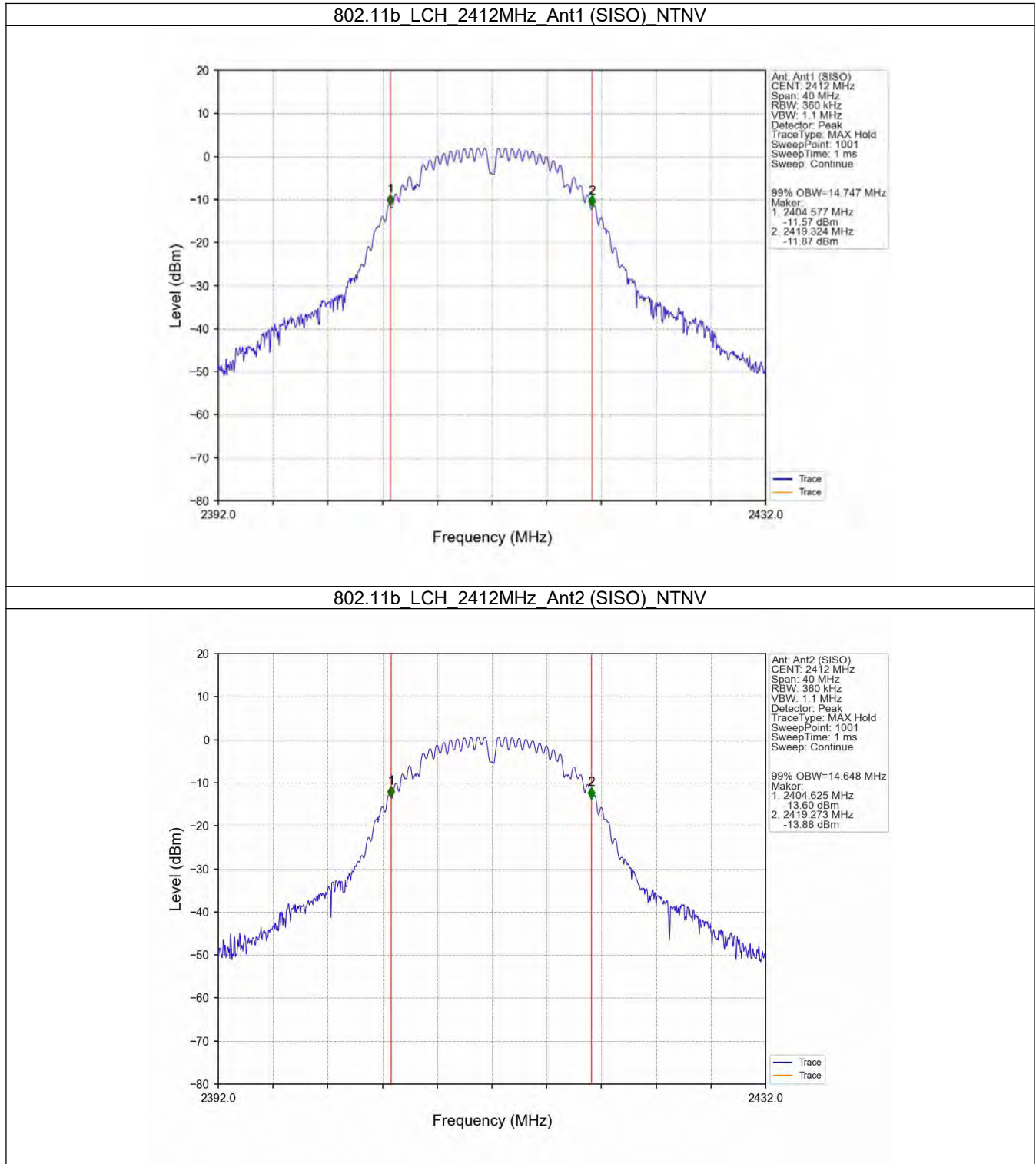
| Mode             | TX Type | Frequency (MHz) | RU | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------------------|---------|-----------------|----|-----|------------------------------|-------|---------|
|                  |         |                 |    |     | Relt                         | Limit |         |
| 802.11b          | SISO    | 2412            | /  | 1   | 14.747                       | /     | Pass    |
|                  |         |                 |    | 2   | 14.648                       | /     | Pass    |
|                  |         | 2437            | /  | 1   | 14.784                       | /     | Pass    |
|                  |         |                 |    | 2   | 14.662                       | /     | Pass    |
|                  |         | 2462            | /  | 1   | 14.781                       | /     | Pass    |
|                  |         |                 |    | 2   | 14.669                       | /     | Pass    |
| 802.11g          | SISO    | 2412            | /  | 1   | 17.203                       | /     | Pass    |
|                  |         |                 |    | 2   | 17.199                       | /     | Pass    |
|                  |         | 2437            | /  | 1   | 17.210                       | /     | Pass    |
|                  |         |                 |    | 2   | 17.215                       | /     | Pass    |
|                  |         | 2462            | /  | 1   | 17.235                       | /     | Pass    |
|                  |         |                 |    | 2   | 17.234                       | /     | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /  | 1   | 18.360                       | /     | Pass    |
|                  |         |                 |    | 2   | 18.335                       | /     | Pass    |
|                  |         | 2437            | /  | 1   | 18.382                       | /     | Pass    |
|                  |         |                 |    | 2   | 18.352                       | /     | Pass    |
|                  |         | 2462            | /  | 1   | 18.397                       | /     | Pass    |
|                  |         |                 |    | 2   | 18.351                       | /     | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /  | 1   | 36.542                       | /     | Pass    |
|                  |         |                 |    | 2   | 36.518                       | /     | Pass    |
|                  |         | 2437            | /  | 1   | 36.551                       | /     | Pass    |
|                  |         |                 |    | 2   | 36.511                       | /     | Pass    |
|                  |         | 2452            | /  | 1   | 36.589                       | /     | Pass    |
|                  |         |                 |    | 2   | 36.535                       | /     | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | /  | 1   | 18.318                       | /     | Pass    |
|                  |         |                 |    | 2   | 18.283                       | /     | Pass    |
|                  |         | 2437            | /  | 1   | 18.346                       | /     | Pass    |
|                  |         |                 |    | 2   | 18.280                       | /     | Pass    |
|                  |         | 2462            | /  | 1   | 18.356                       | /     | Pass    |
|                  |         |                 |    | 2   | 18.283                       | /     | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | /  | 1   | 36.342                       | /     | Pass    |
|                  |         |                 |    | 2   | 36.518                       | /     | Pass    |
|                  |         | 2437            | /  | 1   | 36.363                       | /     | Pass    |
|                  |         |                 |    | 2   | 36.322                       | /     | Pass    |
|                  |         | 2452            | /  | 1   | 36.377                       | /     | Pass    |
|                  |         |                 |    | 2   | 36.334                       | /     | Pass    |

**2.1.2 6dB BW**

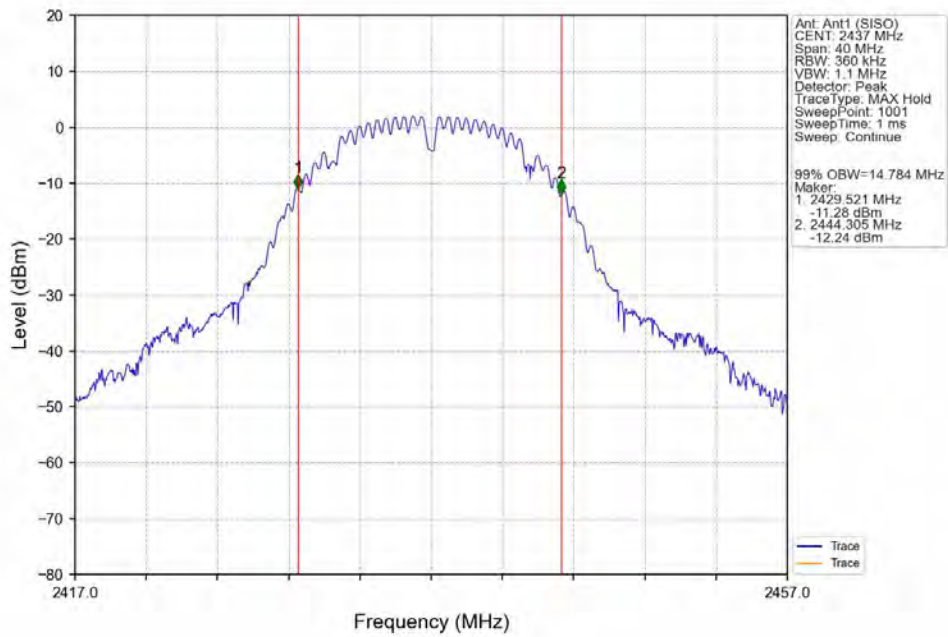
| Mode                | TX Type | Frequency (MHz) | RU | ANT | 6dB Bandwidth (MHz) |       | Verdict |
|---------------------|---------|-----------------|----|-----|---------------------|-------|---------|
|                     |         |                 |    |     | Relt                | Limit |         |
| 802.11b             | SISO    | 2412            | /  | 1   | 10.145              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 10.150              | >=0.5 | Pass    |
|                     |         | 2437            | /  | 1   | 10.147              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 10.148              | >=0.5 | Pass    |
|                     |         | 2462            | /  | 1   | 10.144              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 10.146              | >=0.5 | Pass    |
| 802.11g             | SISO    | 2412            | /  | 1   | 15.648              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 15.374              | >=0.5 | Pass    |
|                     |         | 2437            | /  | 1   | 15.523              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 15.940              | >=0.5 | Pass    |
|                     |         | 2462            | /  | 1   | 15.660              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 15.389              | >=0.5 | Pass    |
| 802.11n<br>(HT20)   | SISO    | 2412            | /  | 1   | 16.457              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 16.465              | >=0.5 | Pass    |
|                     |         | 2437            | /  | 1   | 16.453              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 16.458              | >=0.5 | Pass    |
|                     |         | 2462            | /  | 1   | 16.916              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 16.474              | >=0.5 | Pass    |
| 802.11n<br>(HT40)   | SISO    | 2422            | /  | 1   | 35.510              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 35.189              | >=0.5 | Pass    |
|                     |         | 2437            | /  | 1   | 35.519              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 35.458              | >=0.5 | Pass    |
|                     |         | 2452            | /  | 1   | 35.512              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 35.463              | >=0.5 | Pass    |
| 802.11ax<br>(HEW20) | SISO    | 2412            | /  | 1   | 15.378              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 15.366              | >=0.5 | Pass    |
|                     |         | 2437            | /  | 1   | 15.771              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 15.758              | >=0.5 | Pass    |
|                     |         | 2462            | /  | 1   | 15.762              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 15.381              | >=0.5 | Pass    |
| 802.11ax<br>(HEW40) | SISO    | 2422            | /  | 1   | 35.211              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 35.461              | >=0.5 | Pass    |
|                     |         | 2437            | /  | 1   | 35.207              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 35.179              | >=0.5 | Pass    |
|                     |         | 2452            | /  | 1   | 35.213              | >=0.5 | Pass    |
|                     |         |                 |    | 2   | 35.170              | >=0.5 | Pass    |

## 2.2 Test Graph

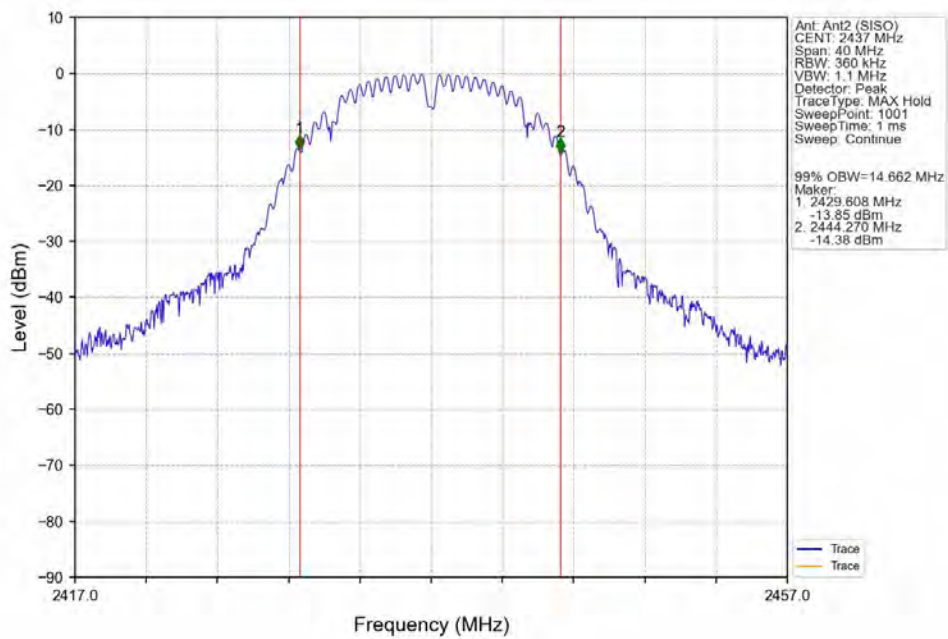
### 2.2.1 OBW



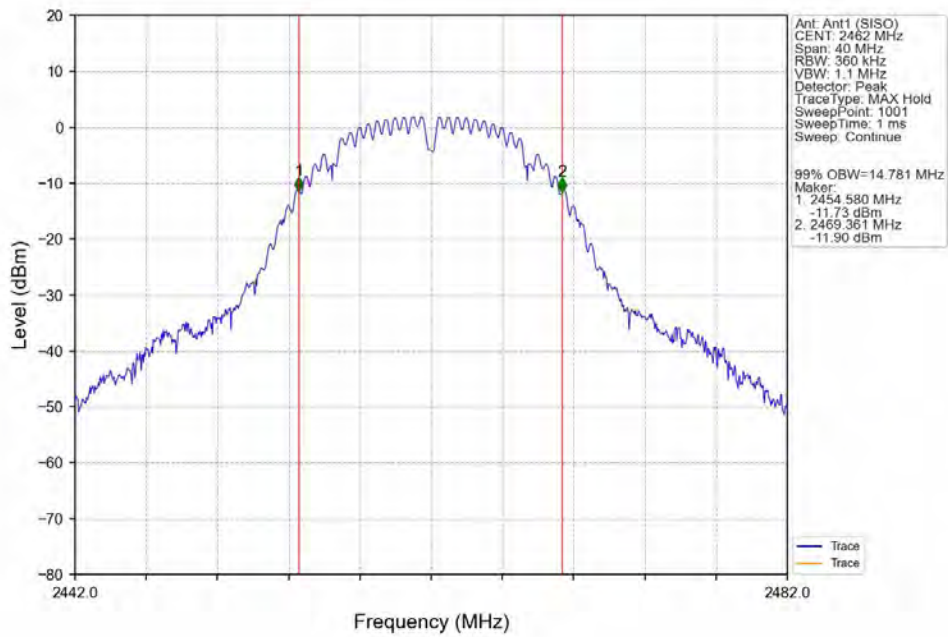
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



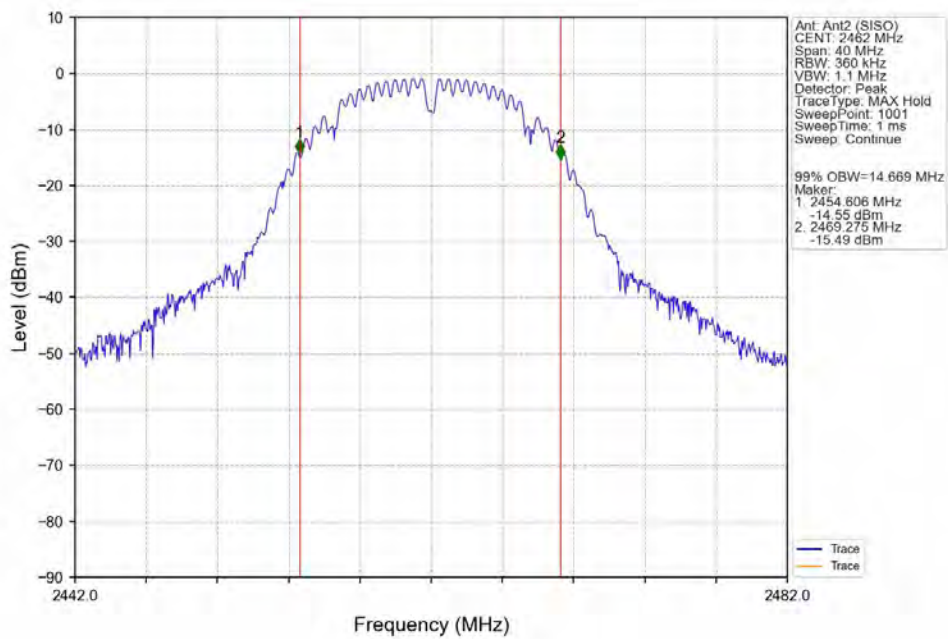
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



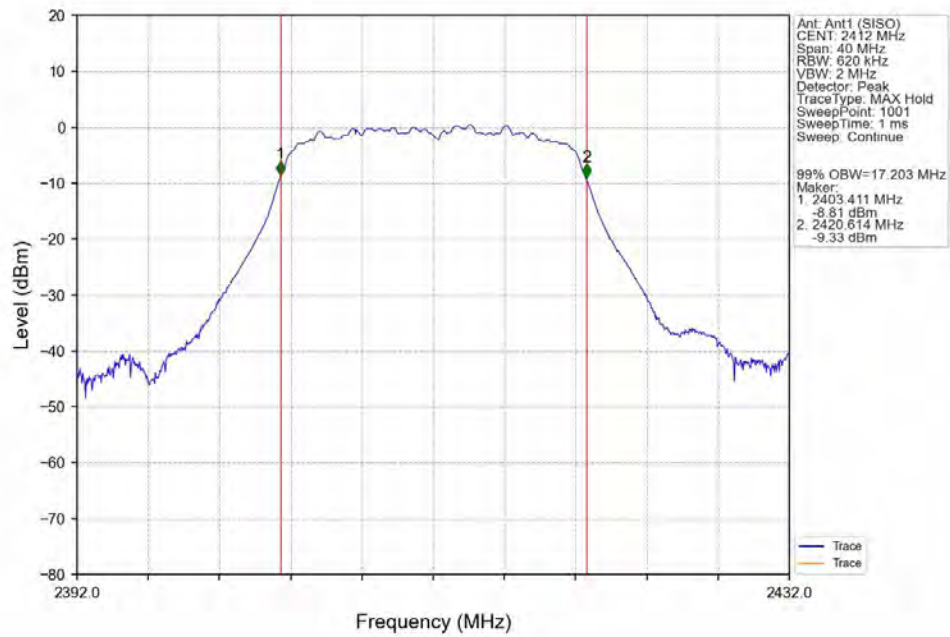
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



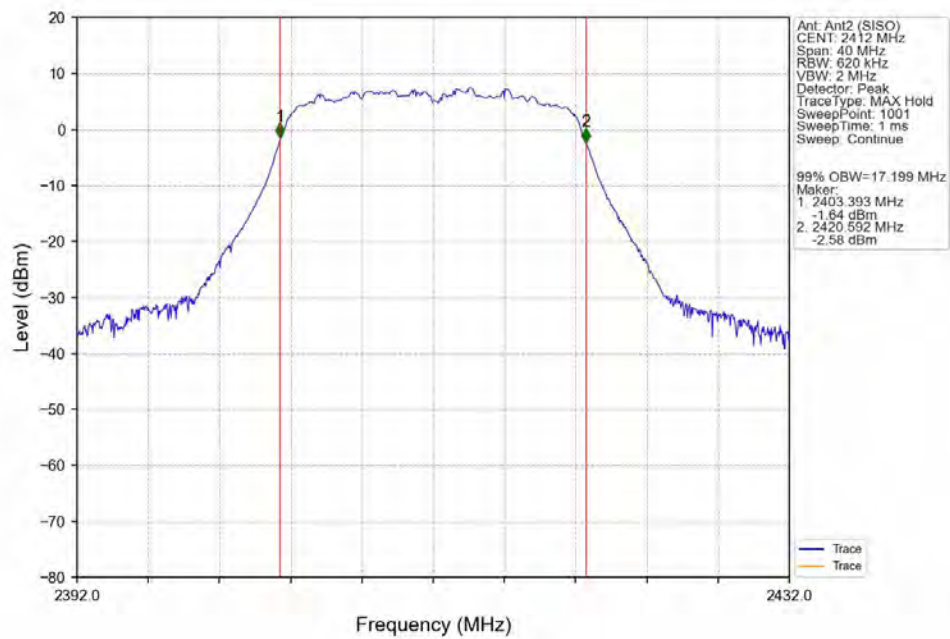
802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



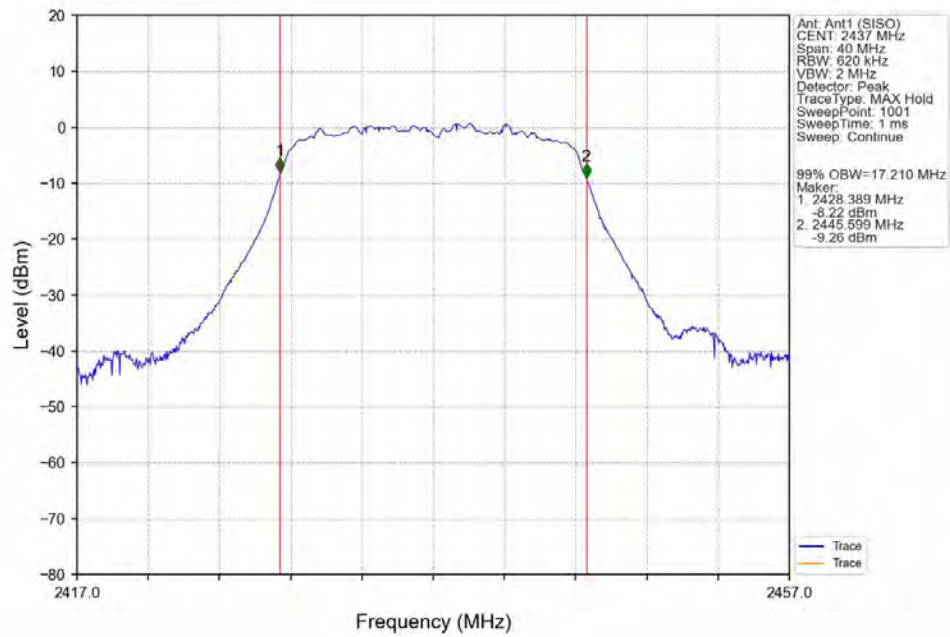
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



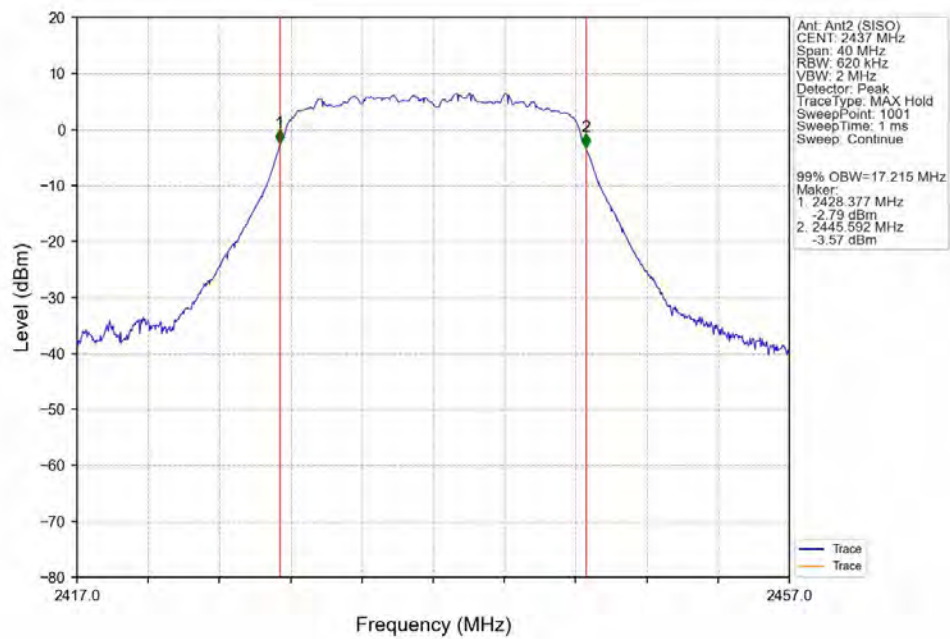
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



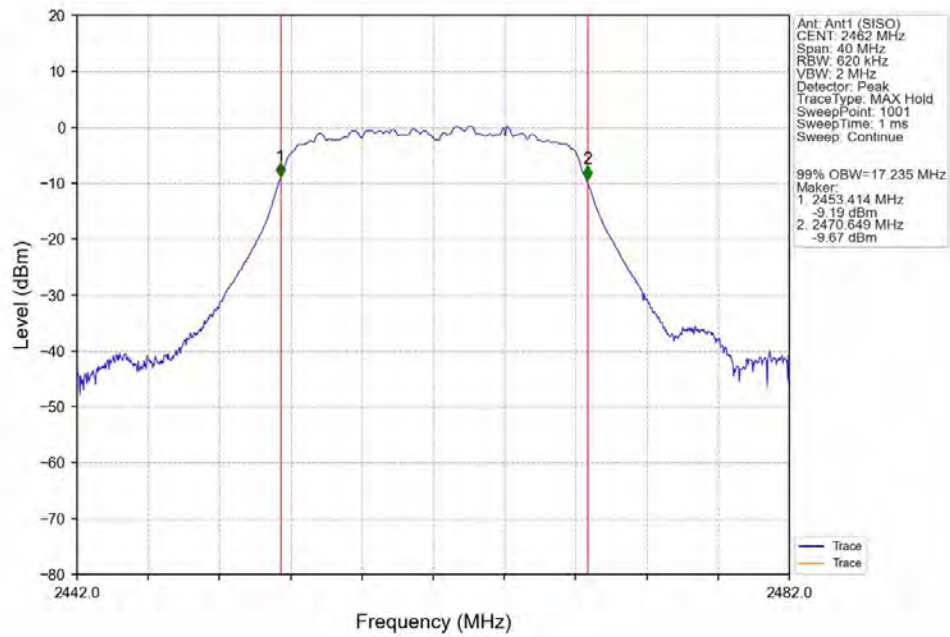
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



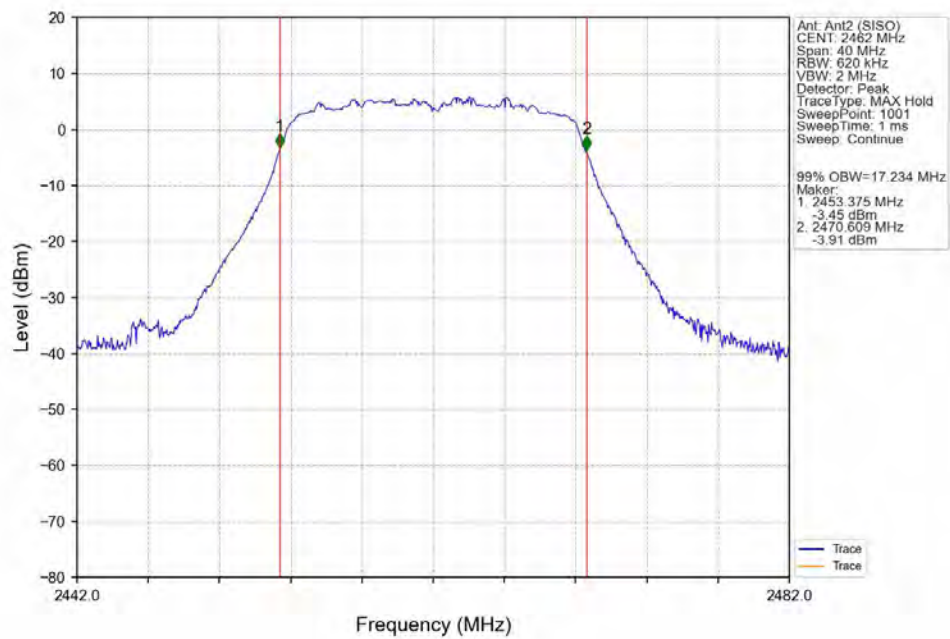
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



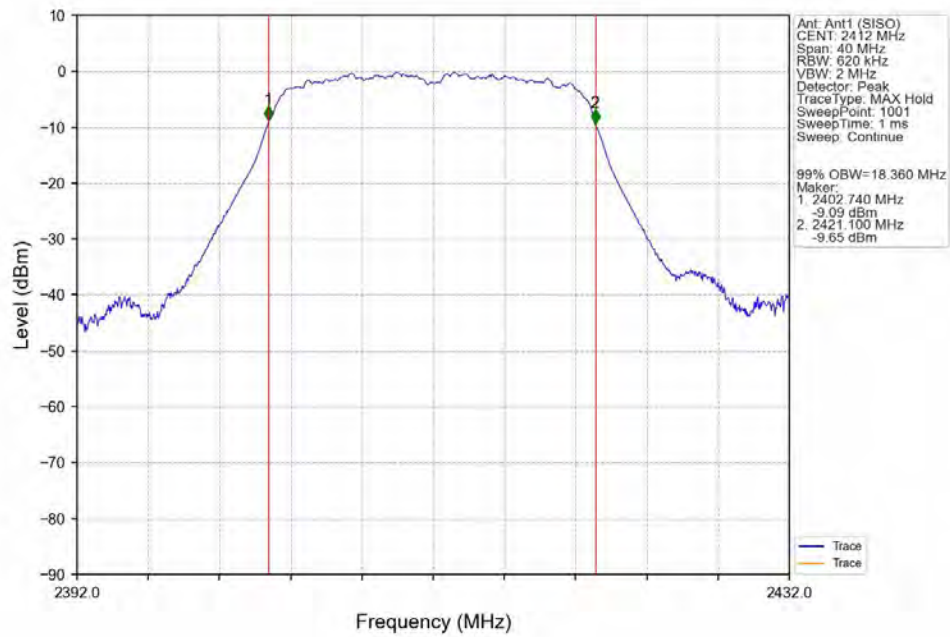
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



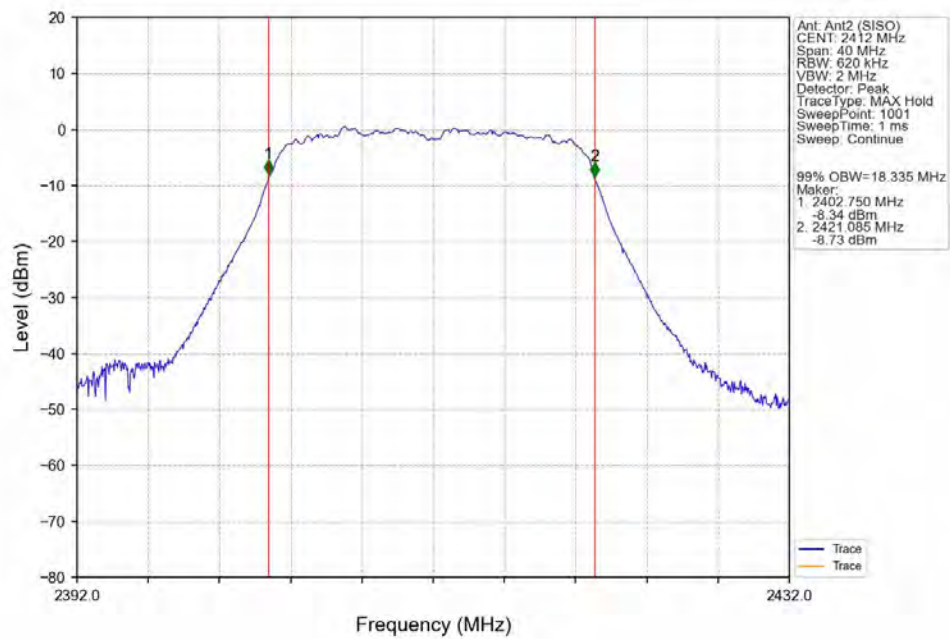
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



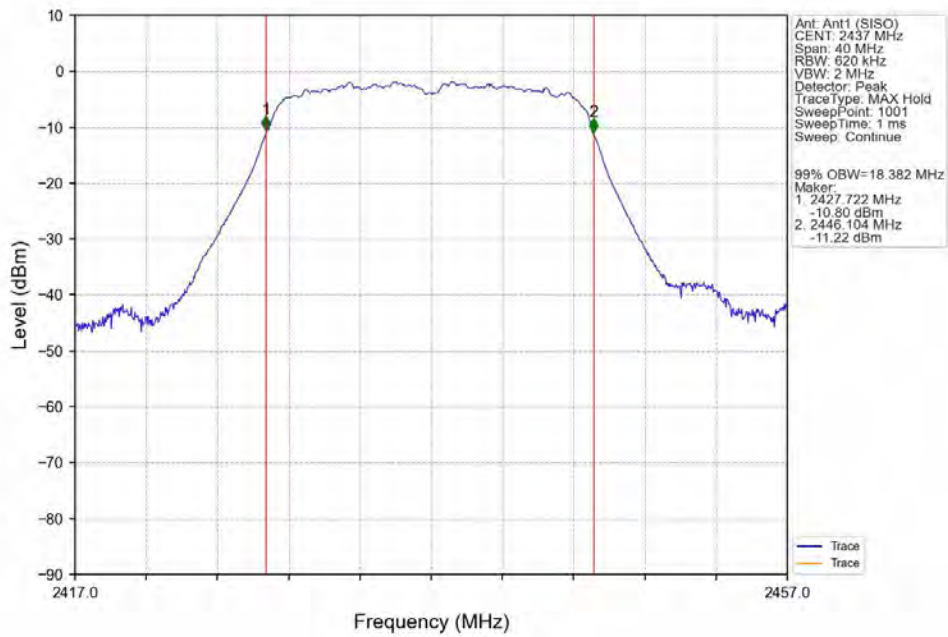
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



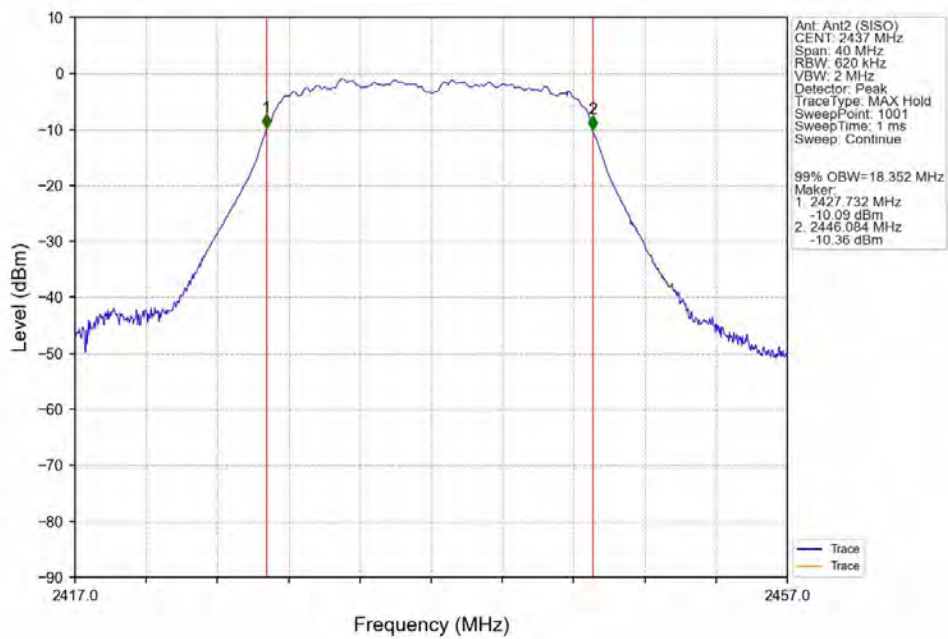
802.11n(HT20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



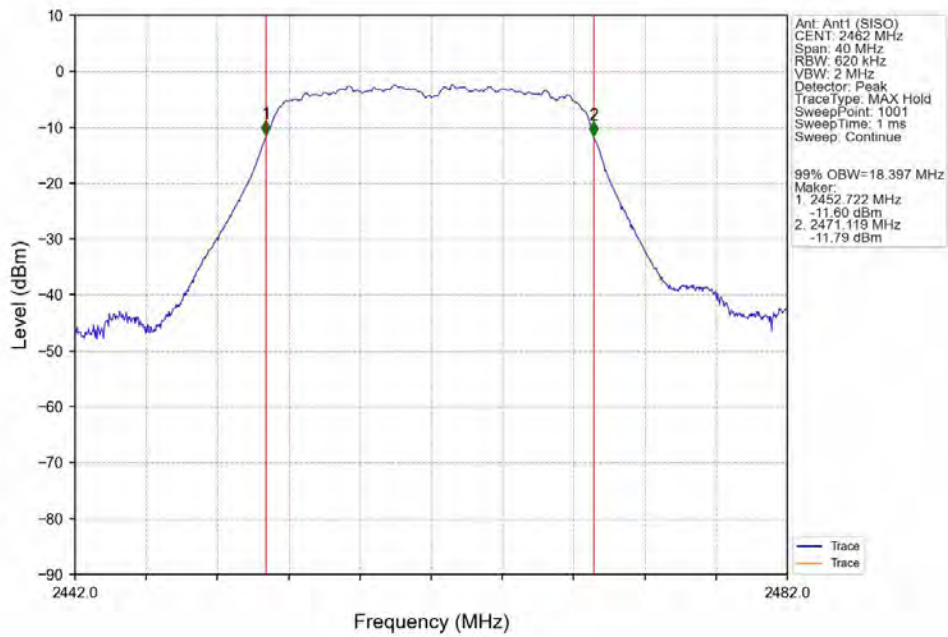
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



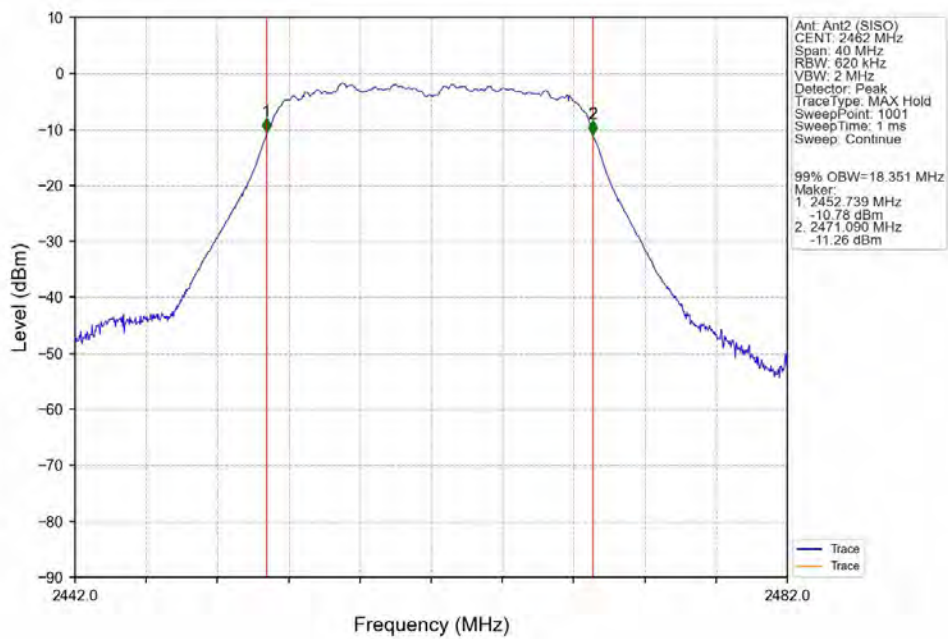
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



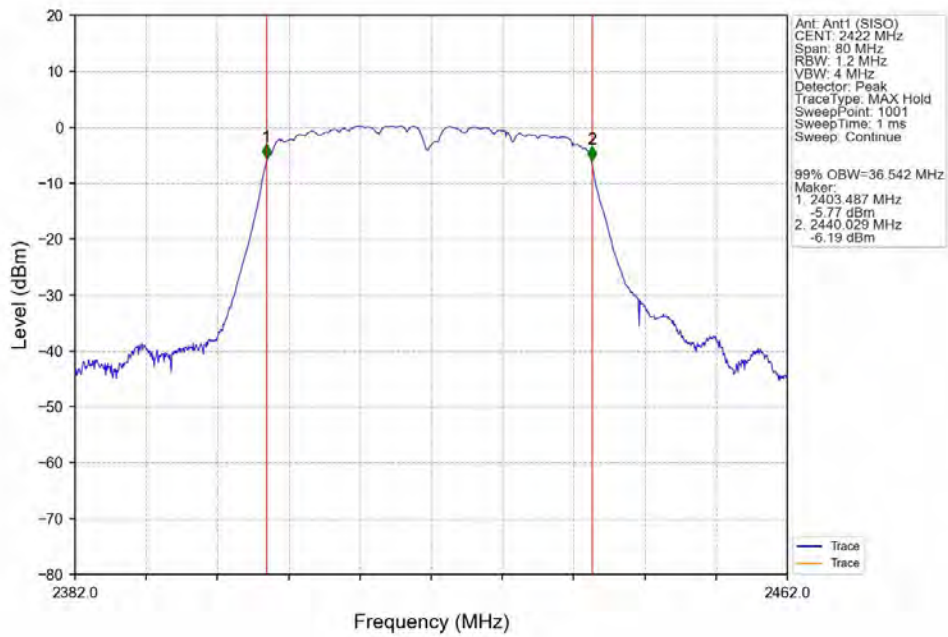
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



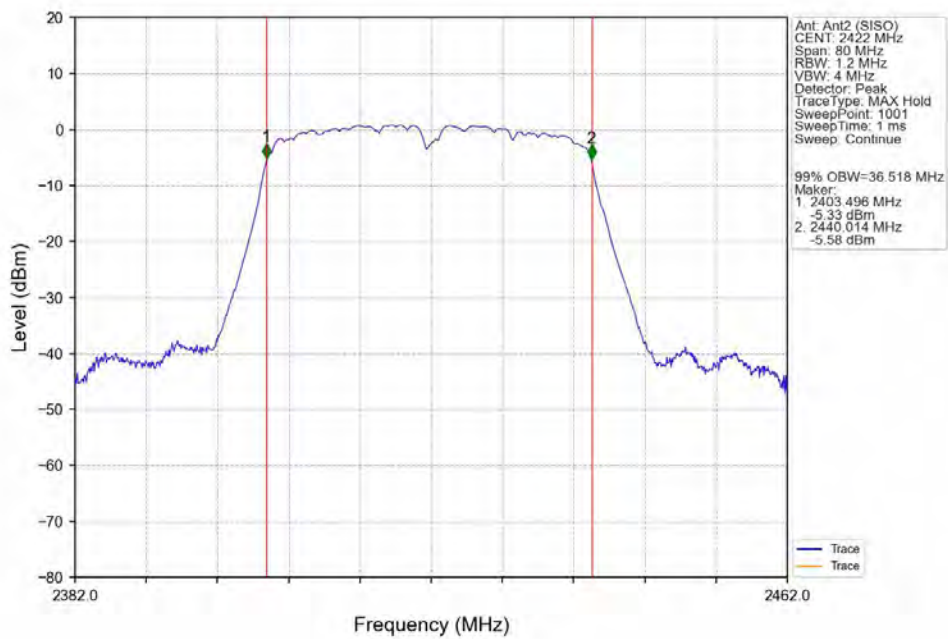
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



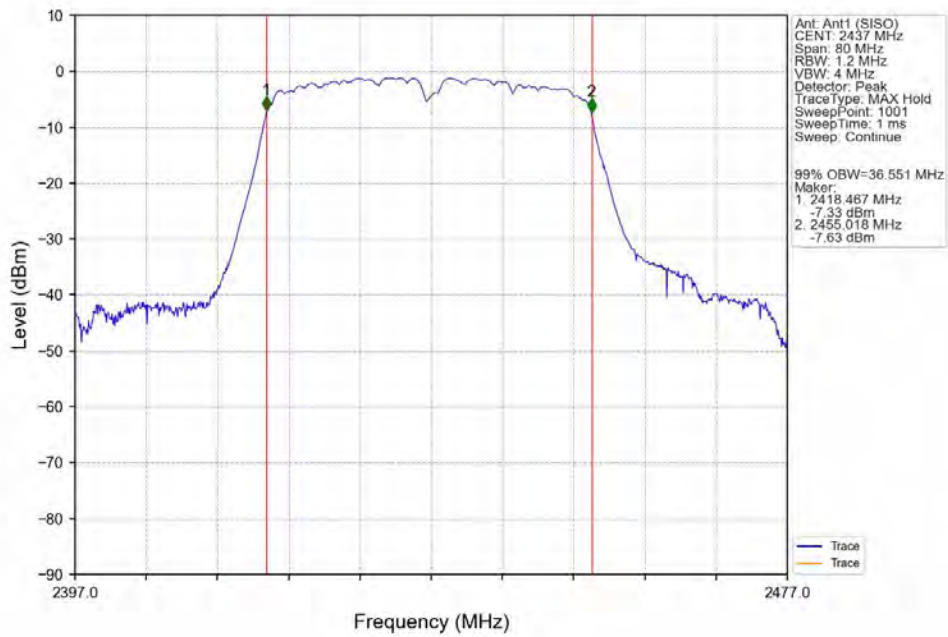
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



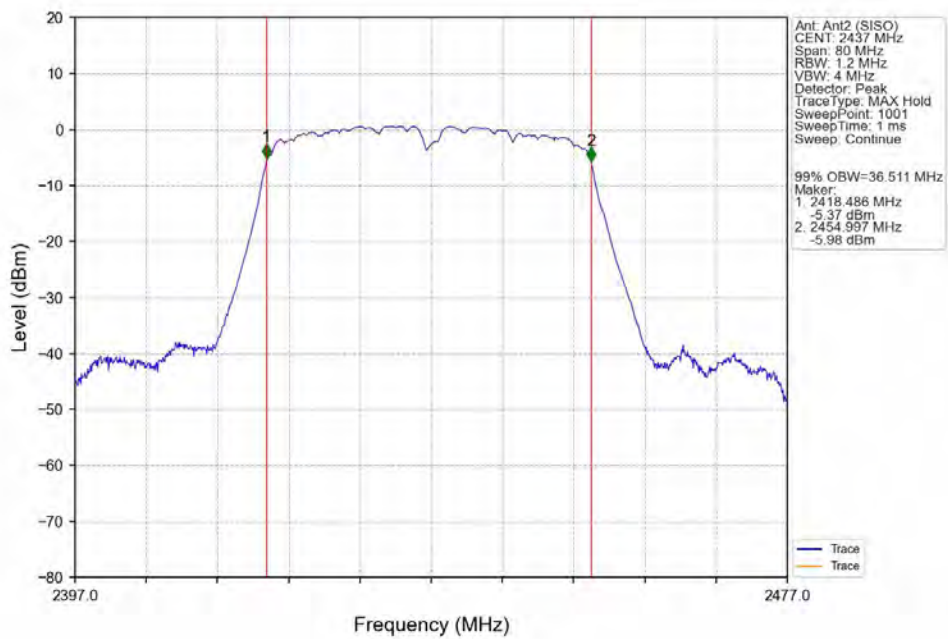
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



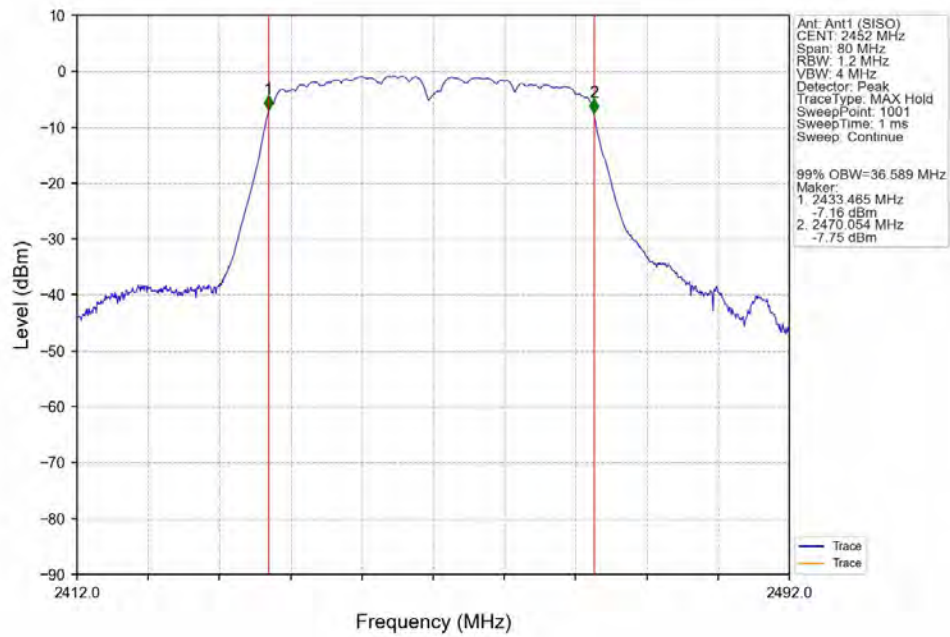
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



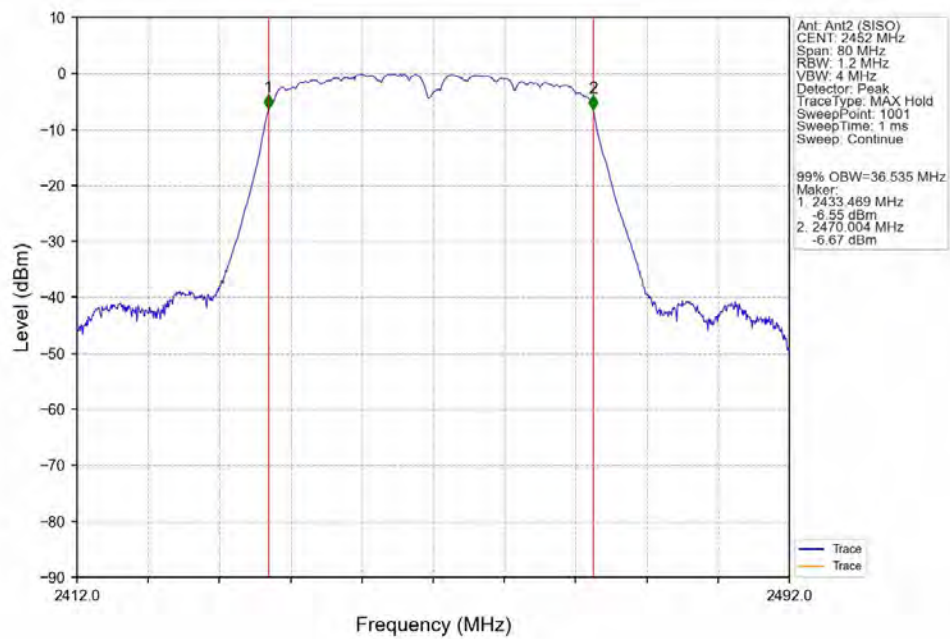
802.11n(HT40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



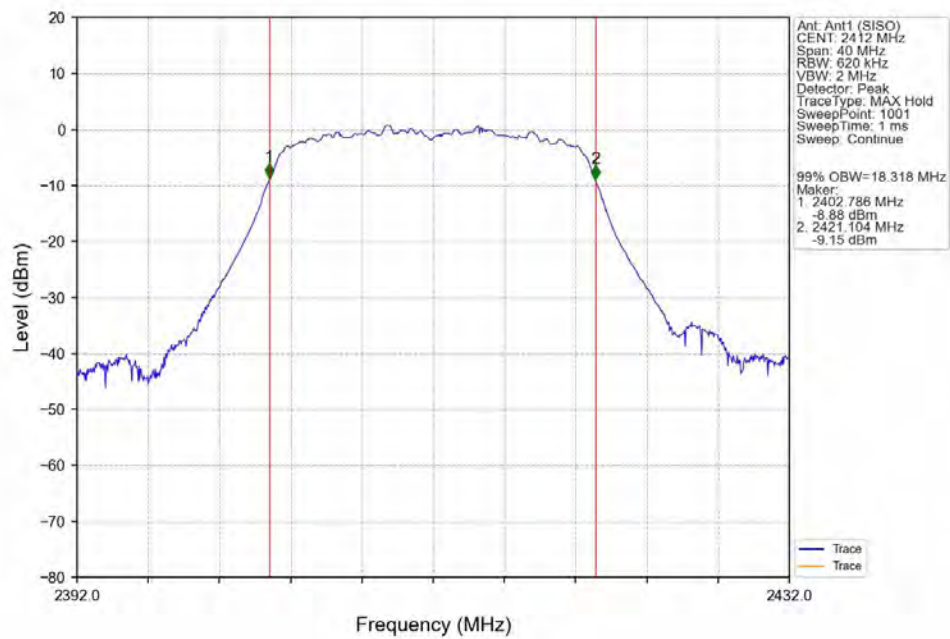
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



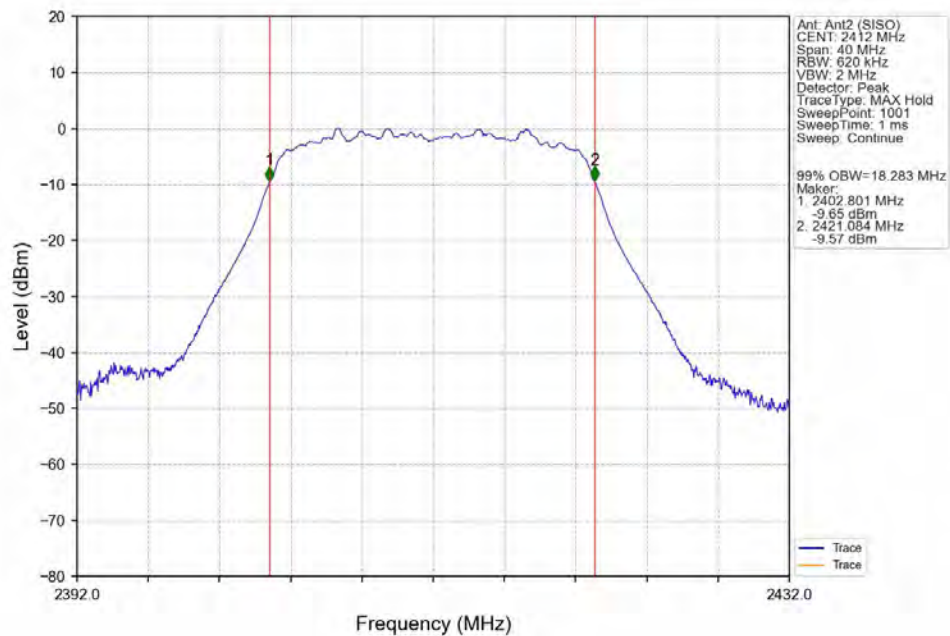
802.11n(HT40)\_HCH\_2452MHz\_Ant2 (SISO)\_NTNV



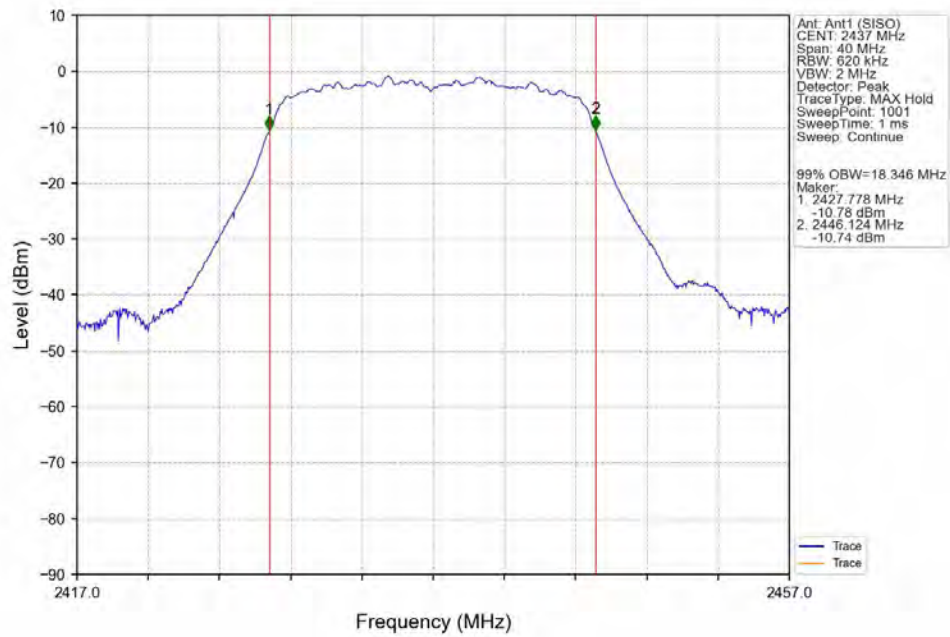
802.11ax(HEW20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



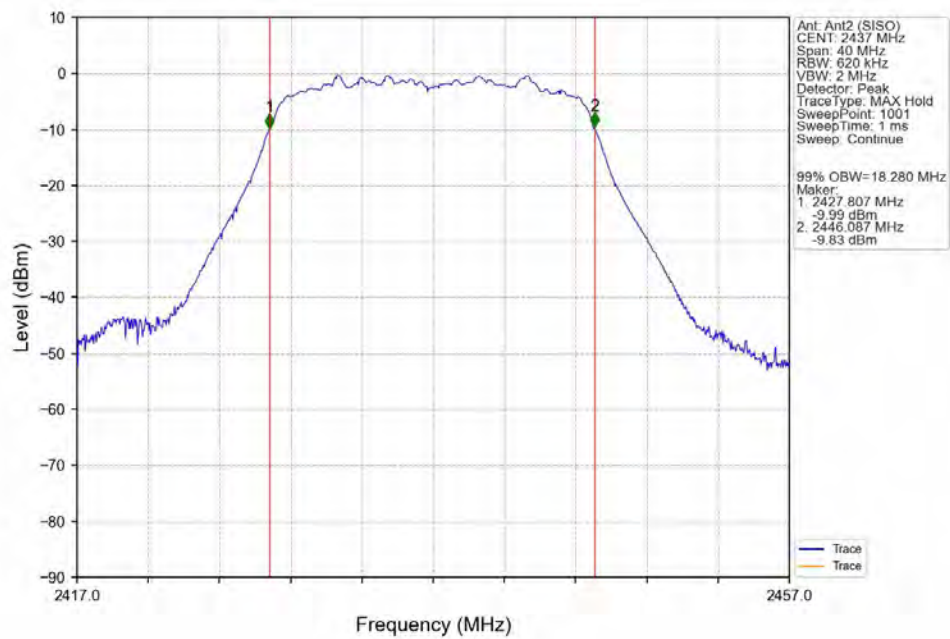
802.11ax(HEW20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



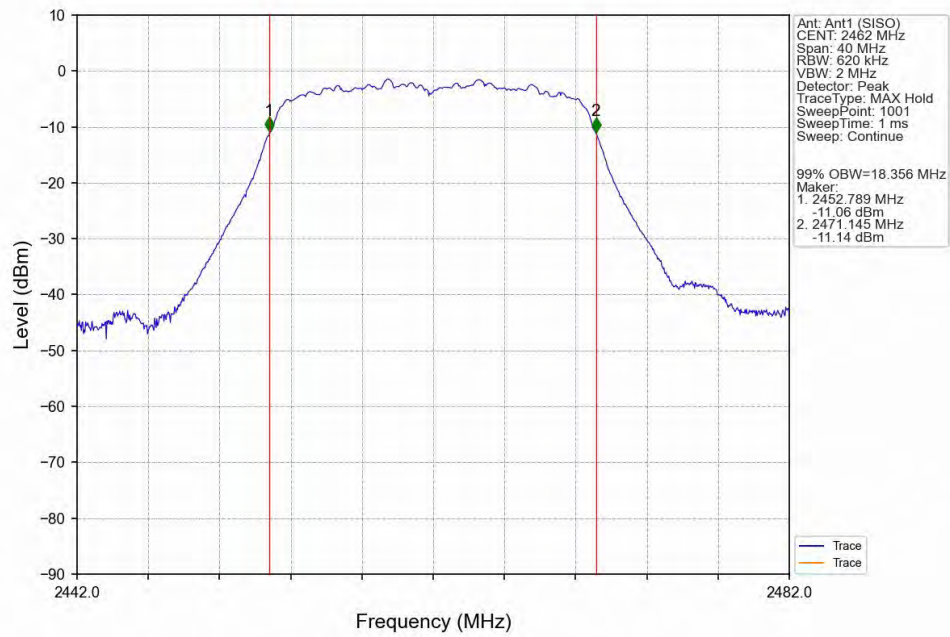
802.11ax(HEW20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



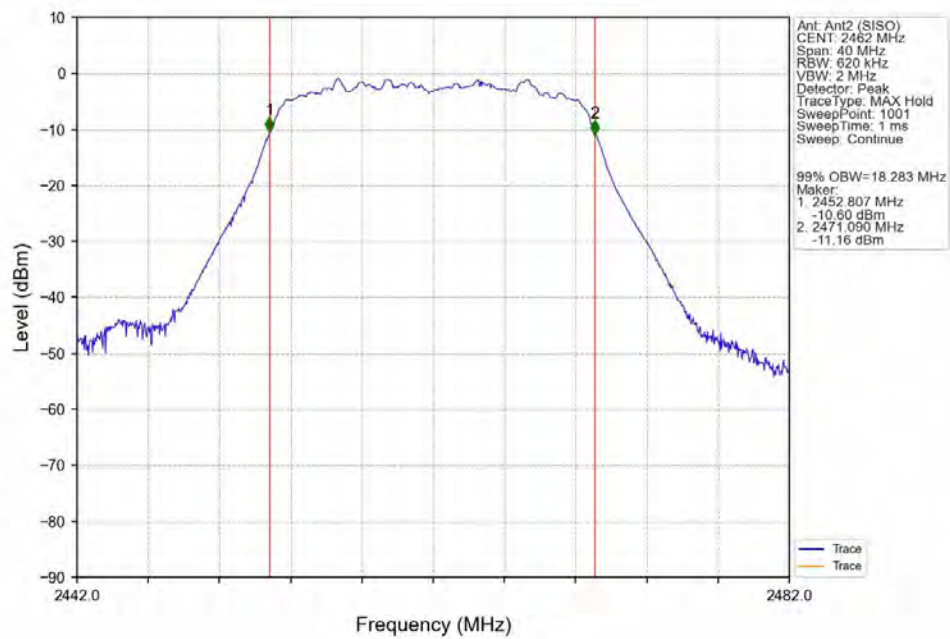
802.11ax(HEW20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



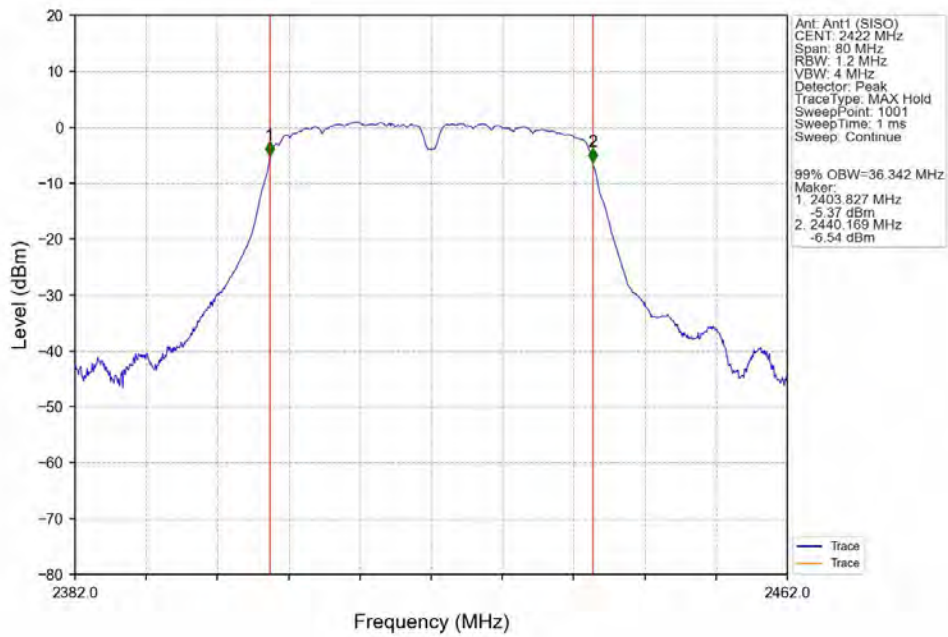
802.11ax(HEW20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



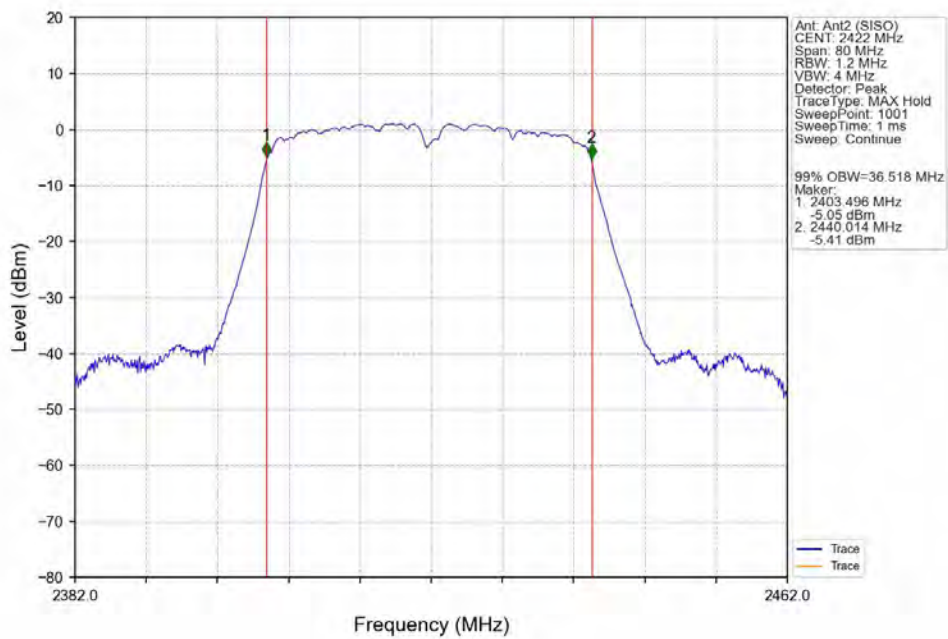
802.11ax(HEW20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



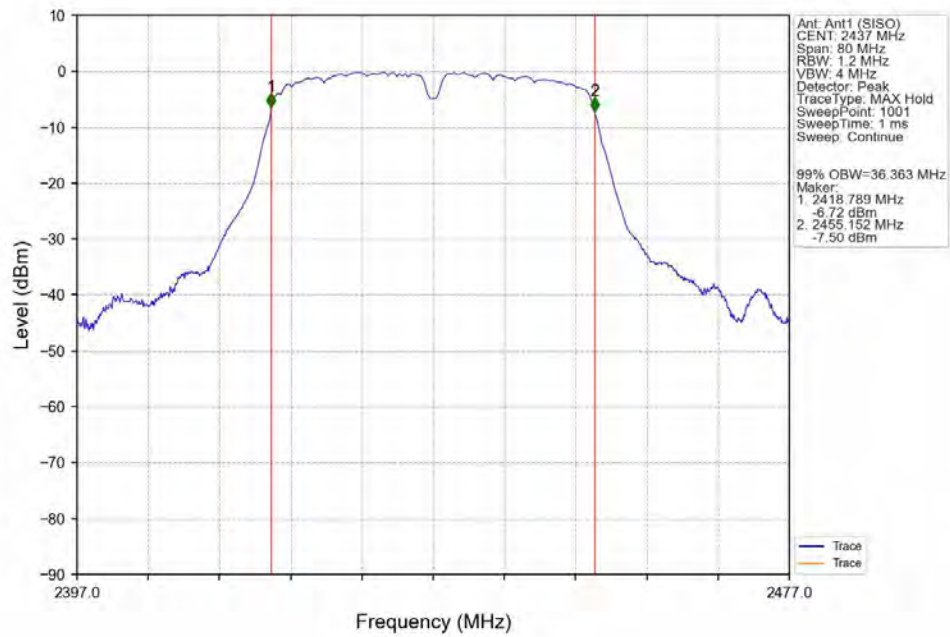
802.11ax(HEW40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



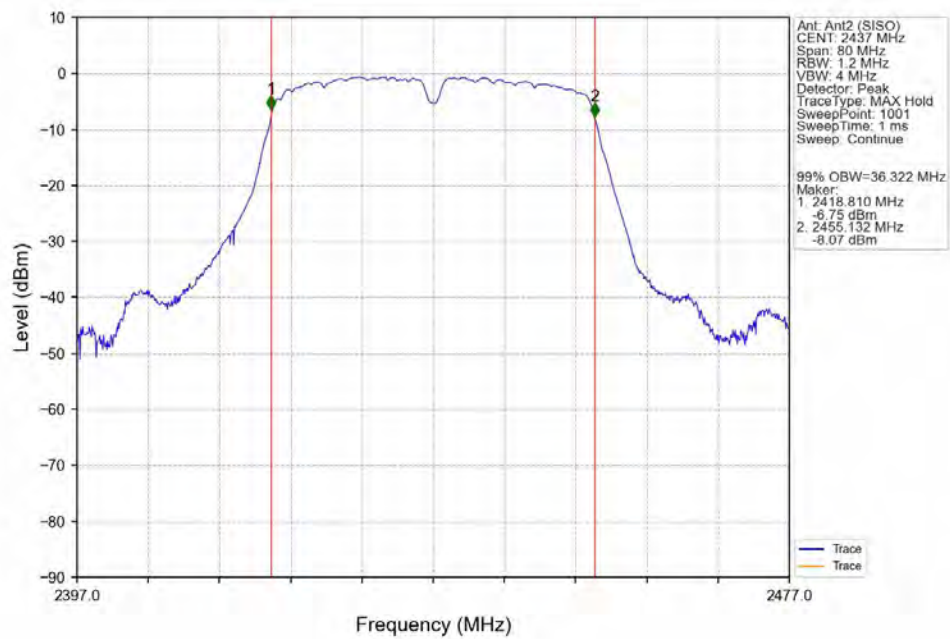
802.11ax(HEW40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



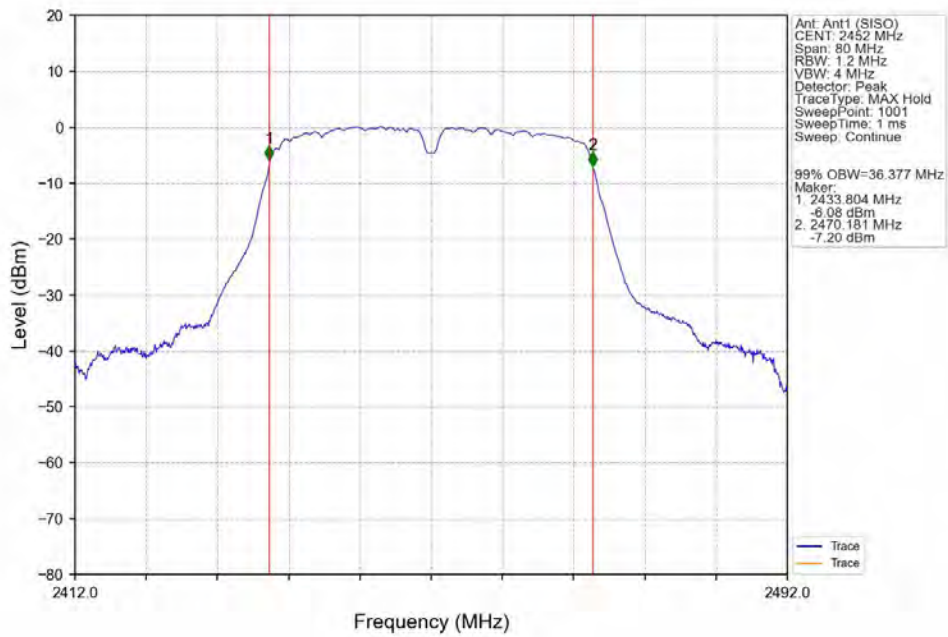
802.11ax(HEW40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



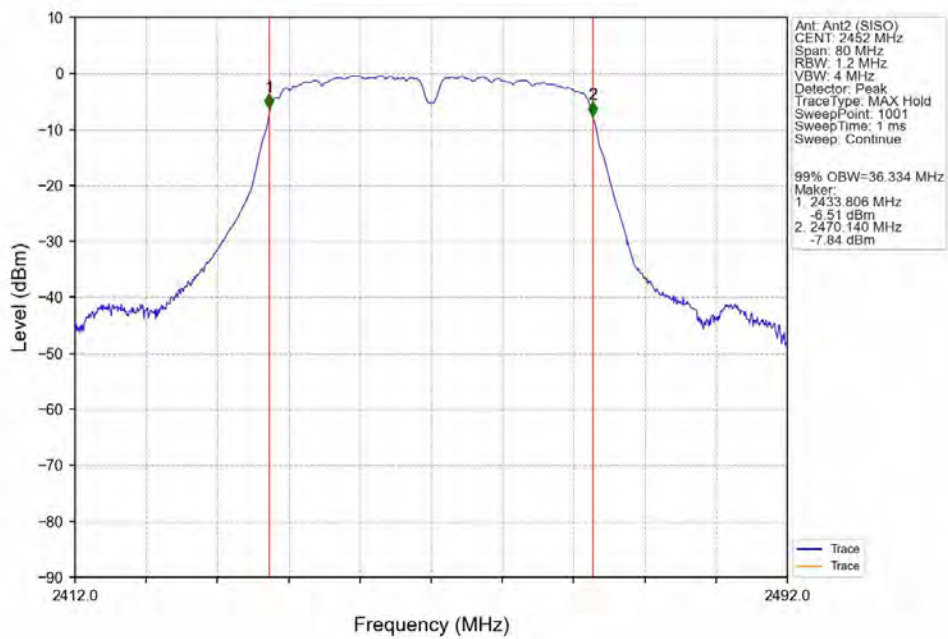
802.11ax(HEW40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



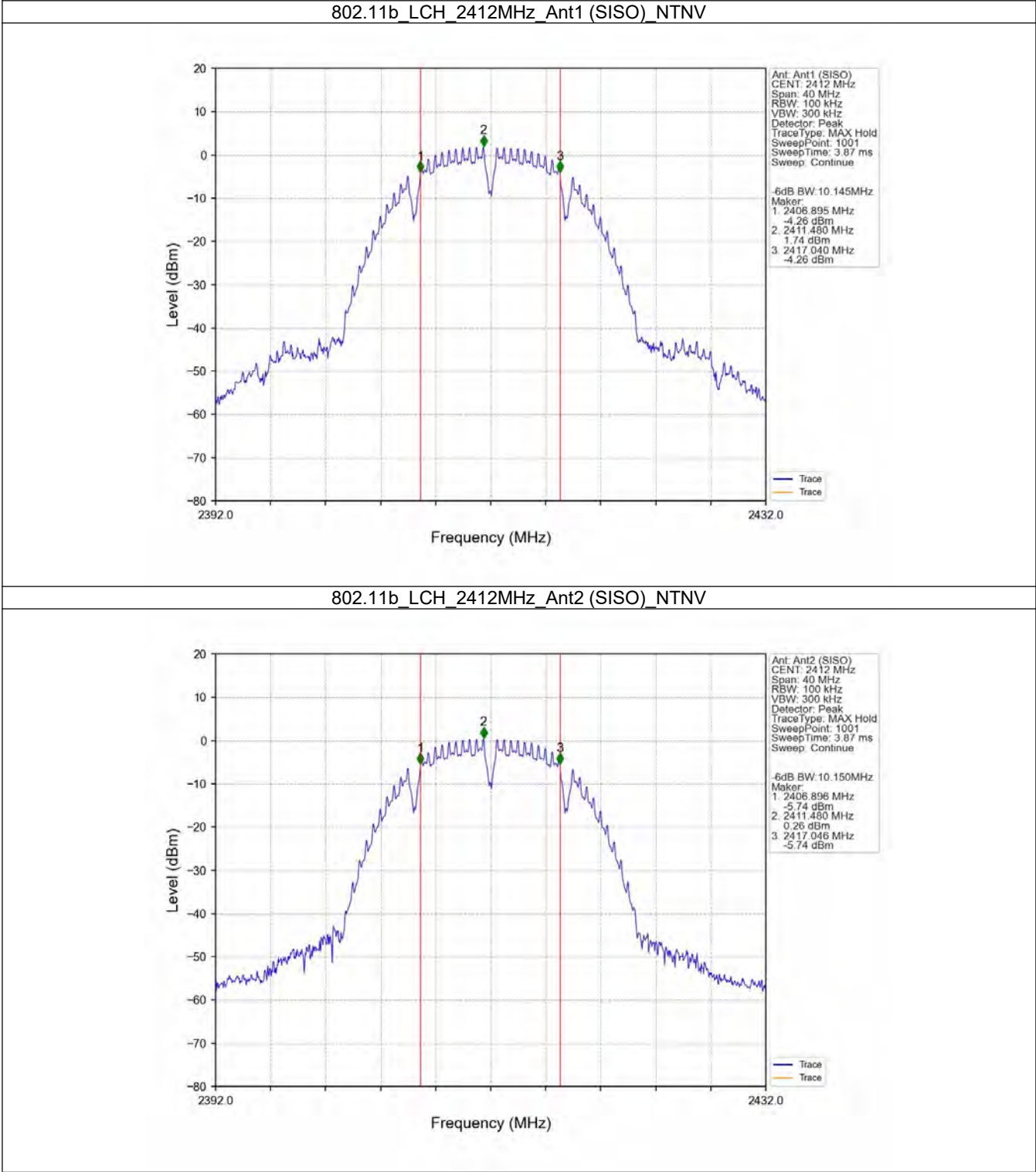
802.11ax(HEW40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



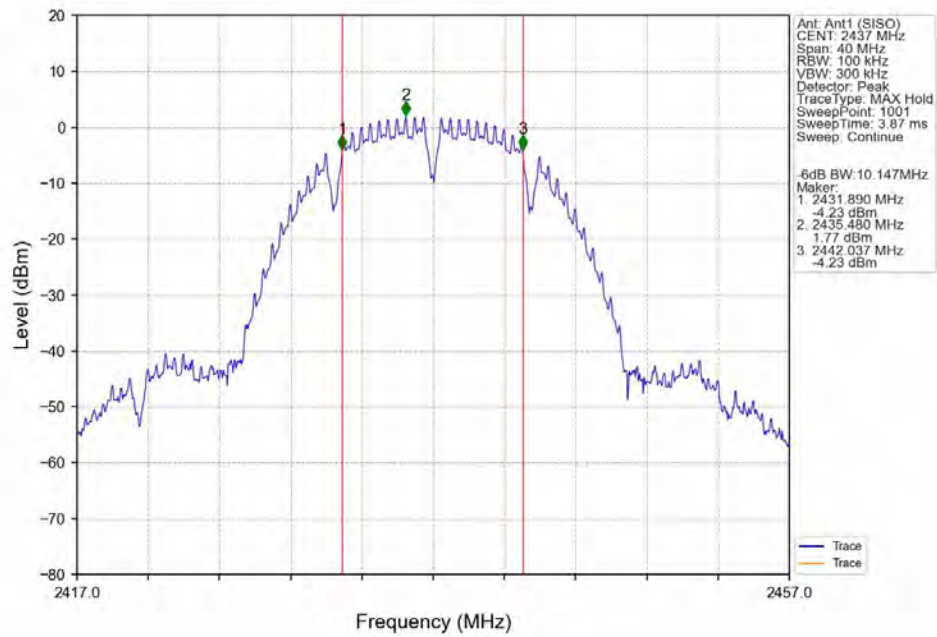
802.11ax(HEW40)\_HCH\_2452MHz\_Ant2 (SISO)\_NTNV



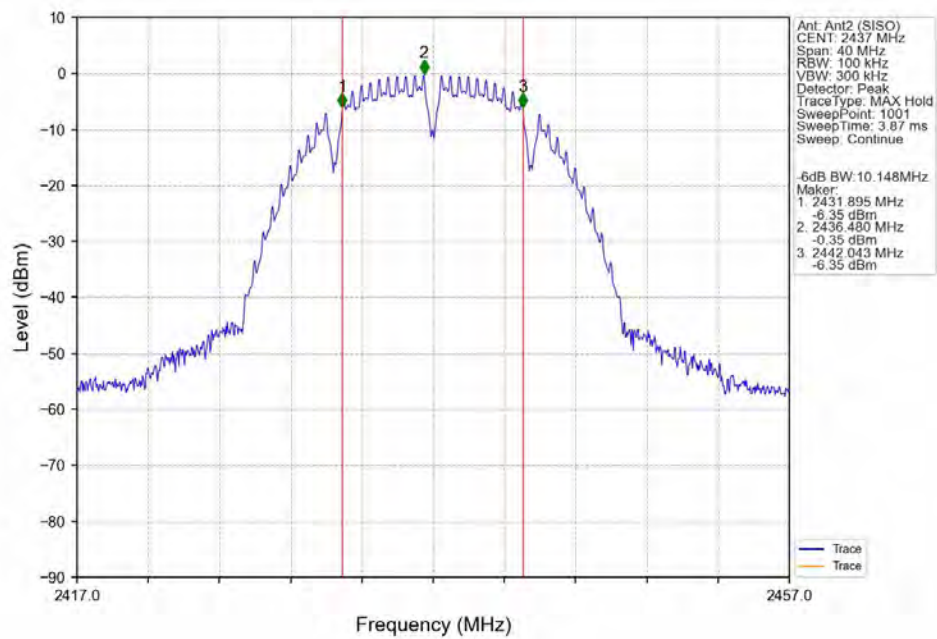
2.2.2 6dB BW



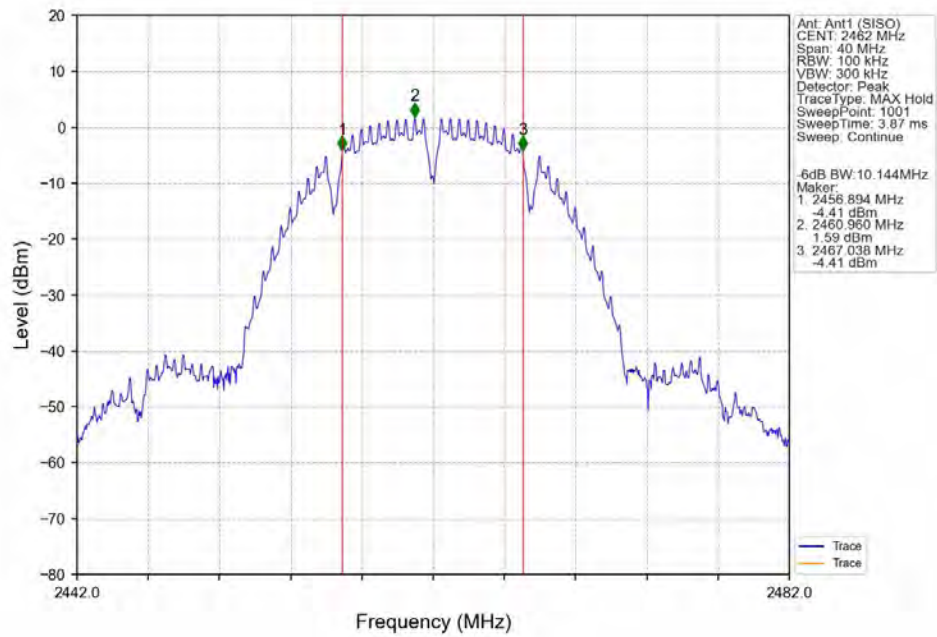
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



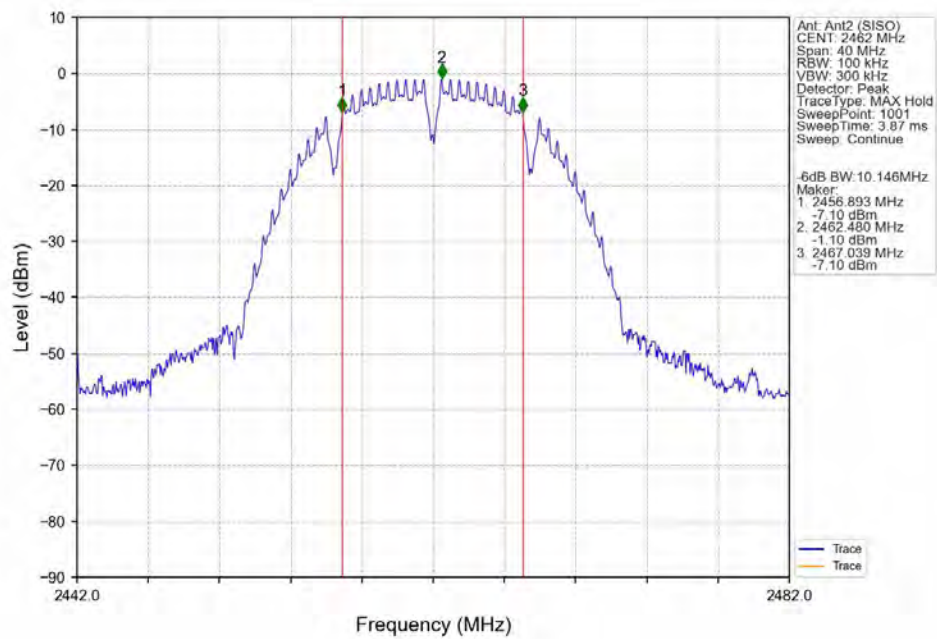
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



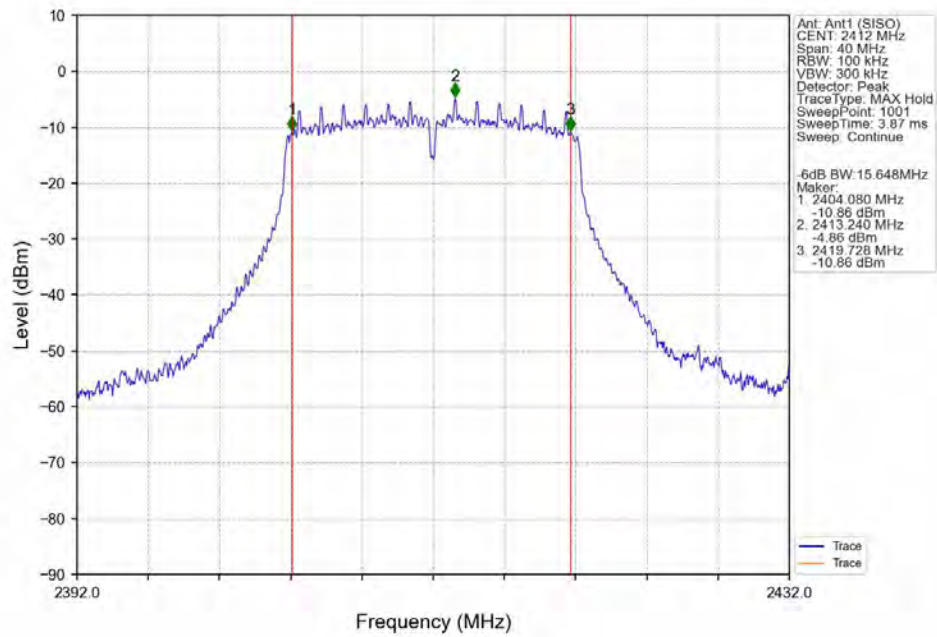
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



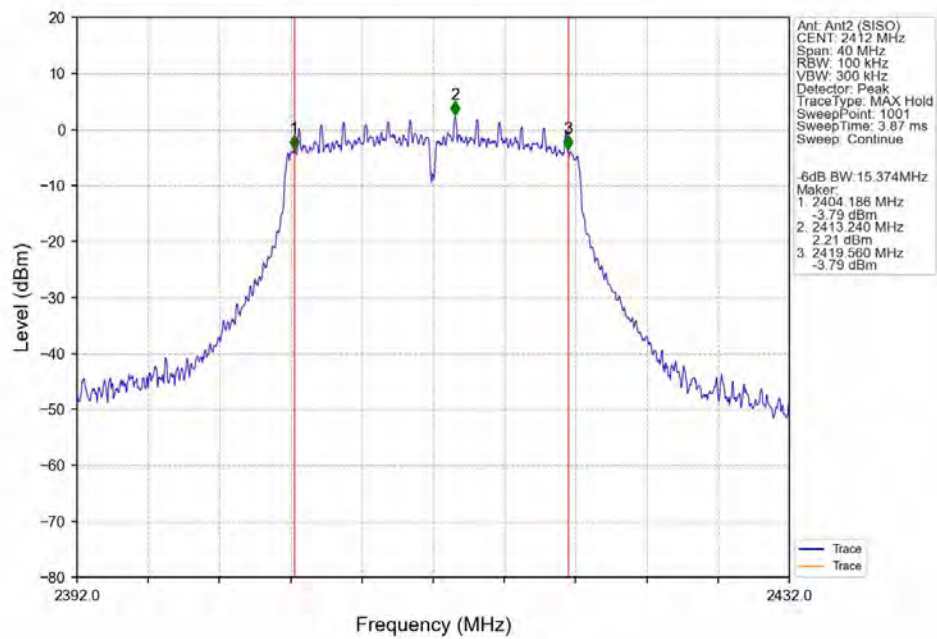
802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



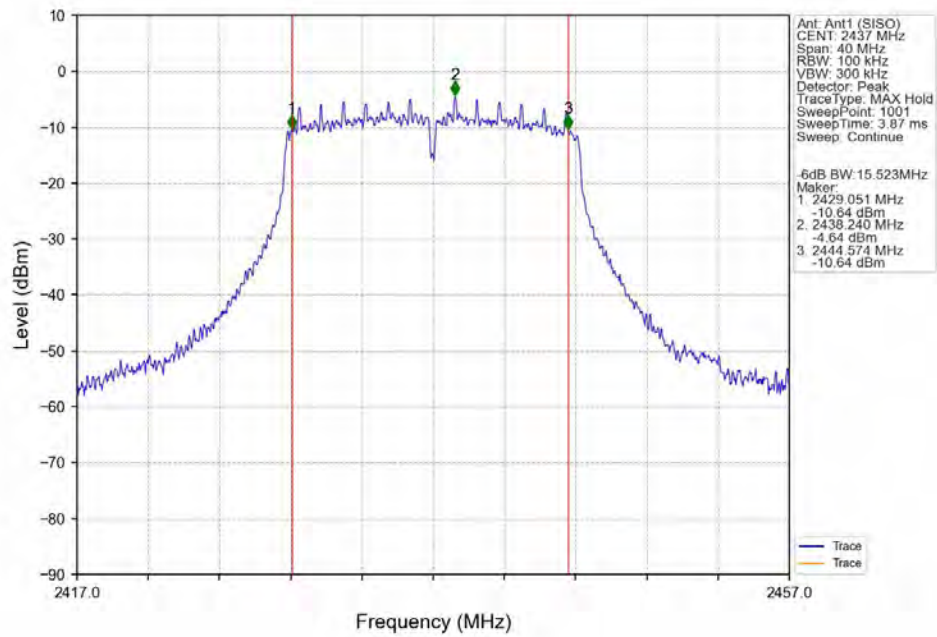
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



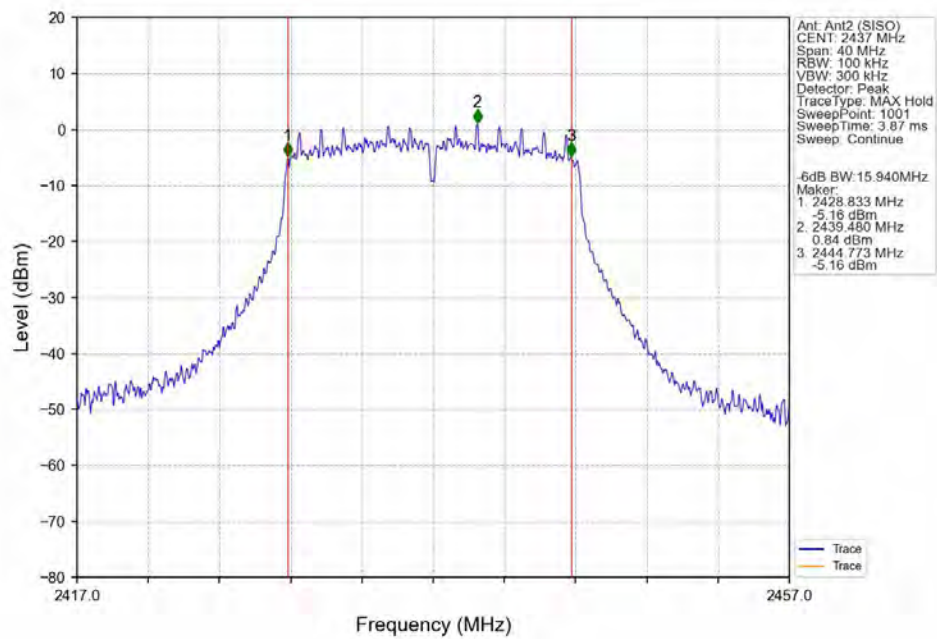
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



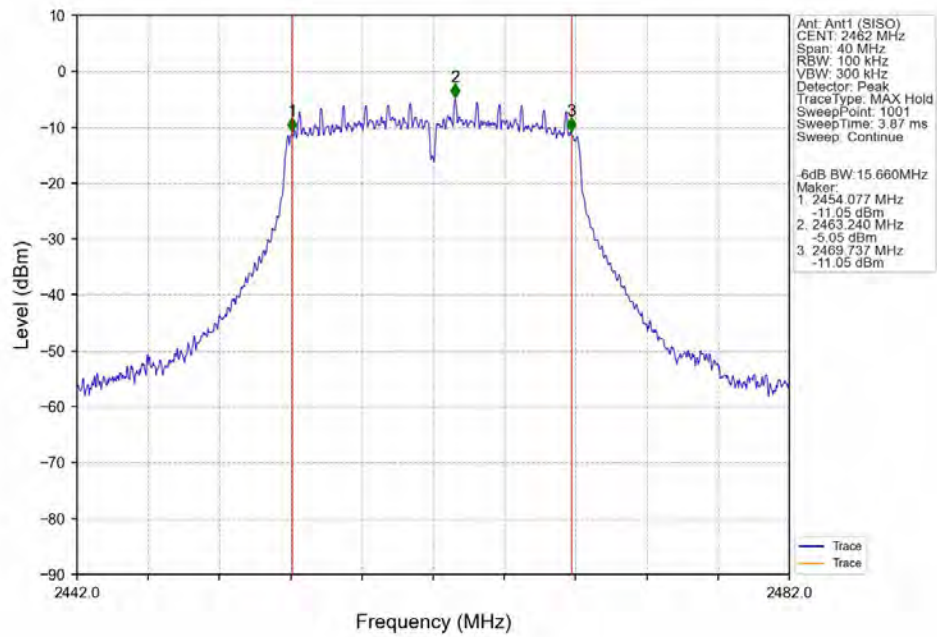
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



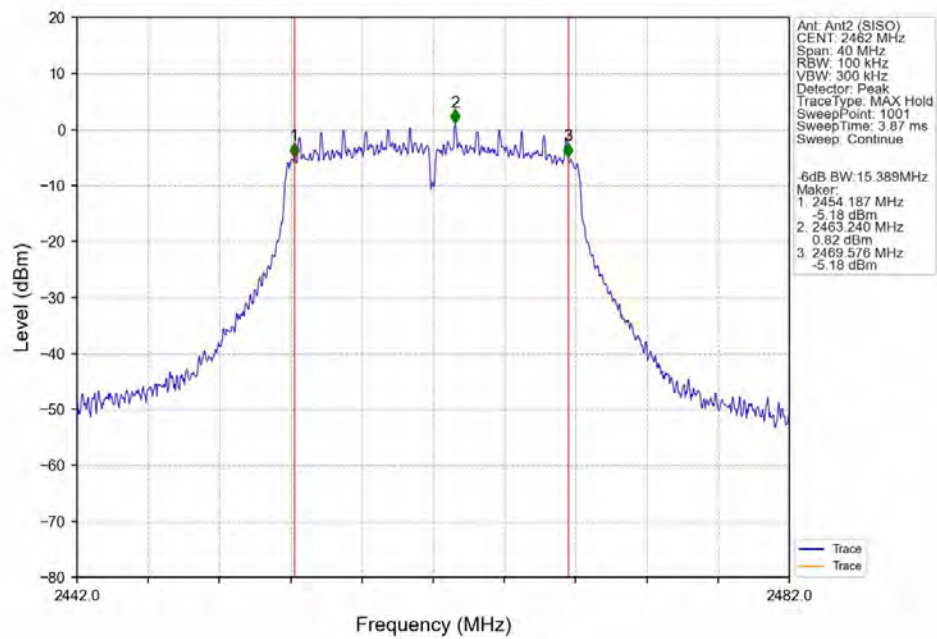
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



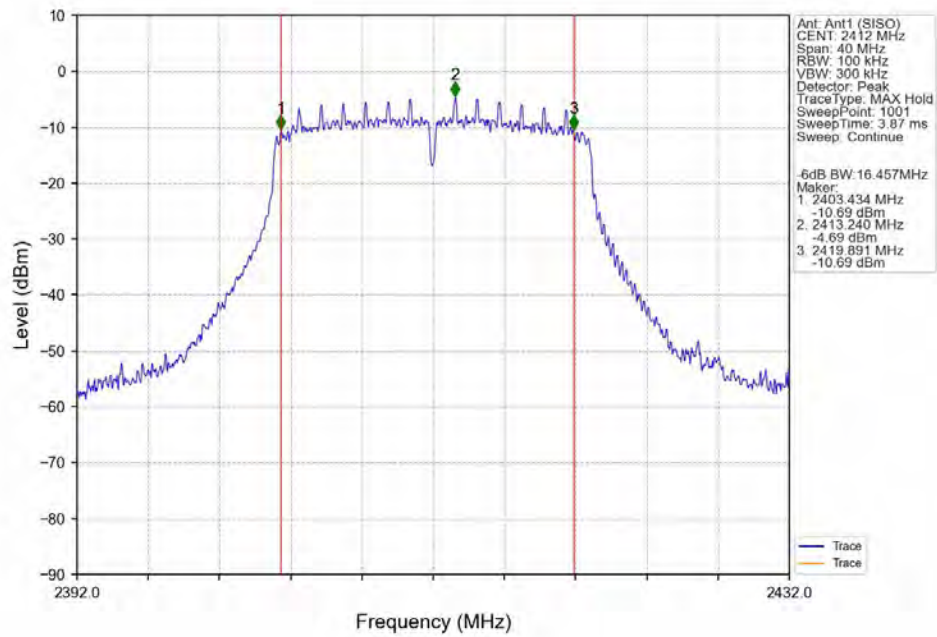
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



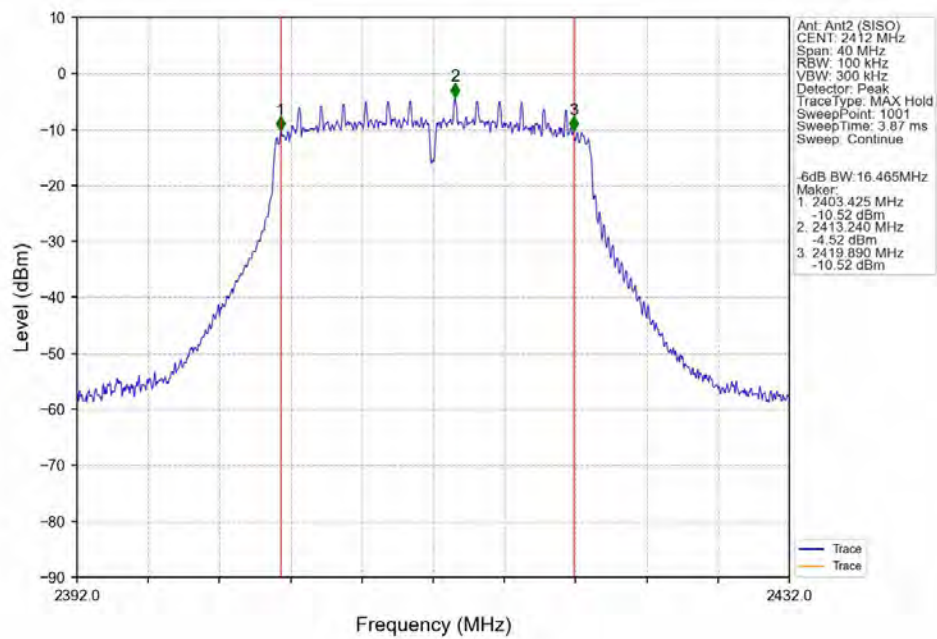
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



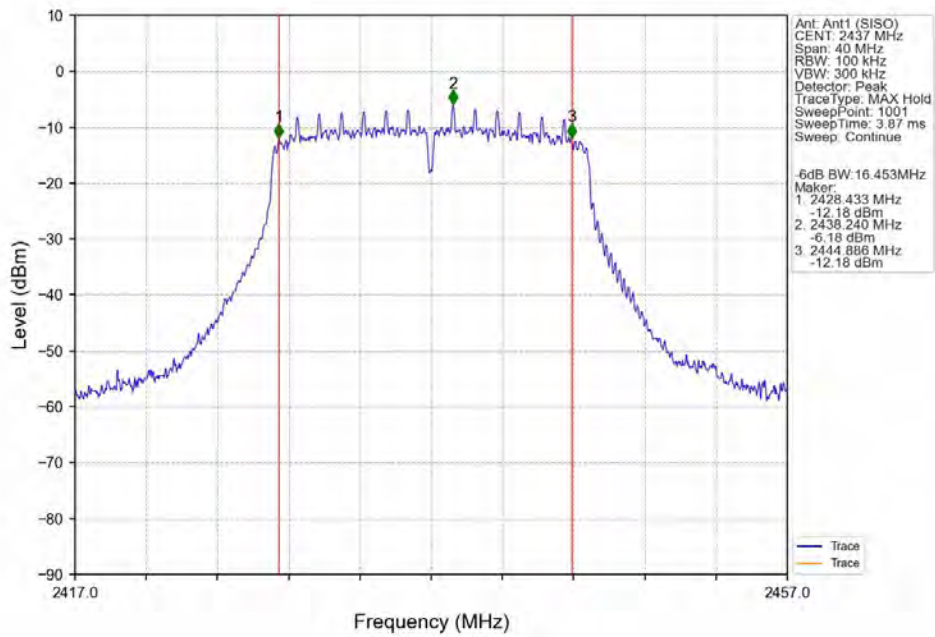
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



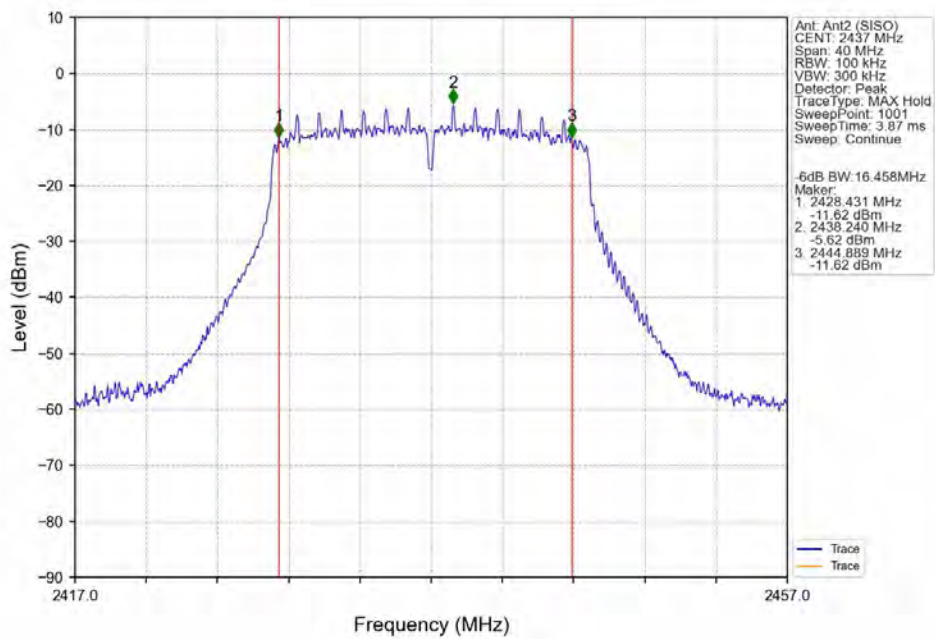
802.11n(HT20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



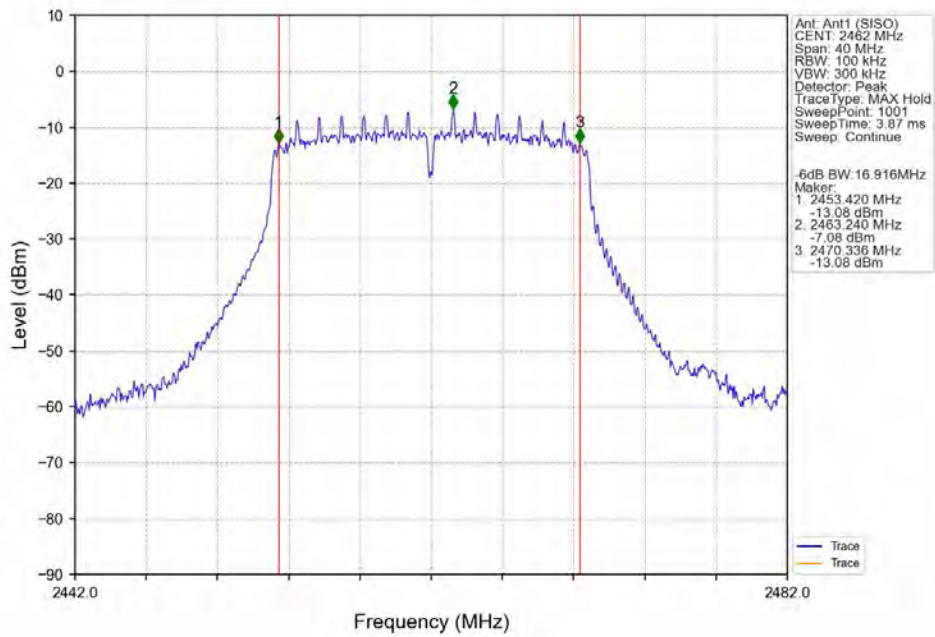
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



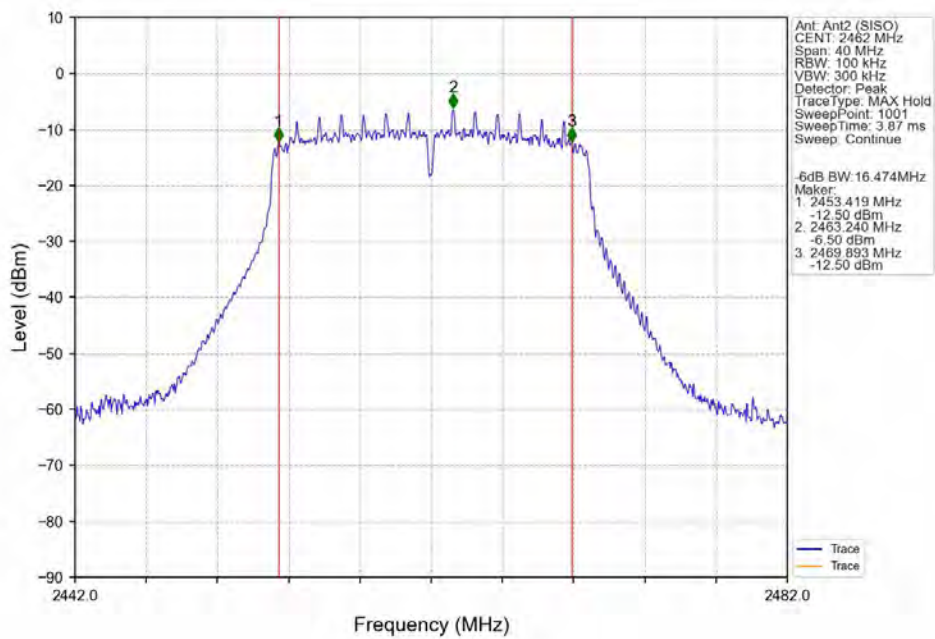
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



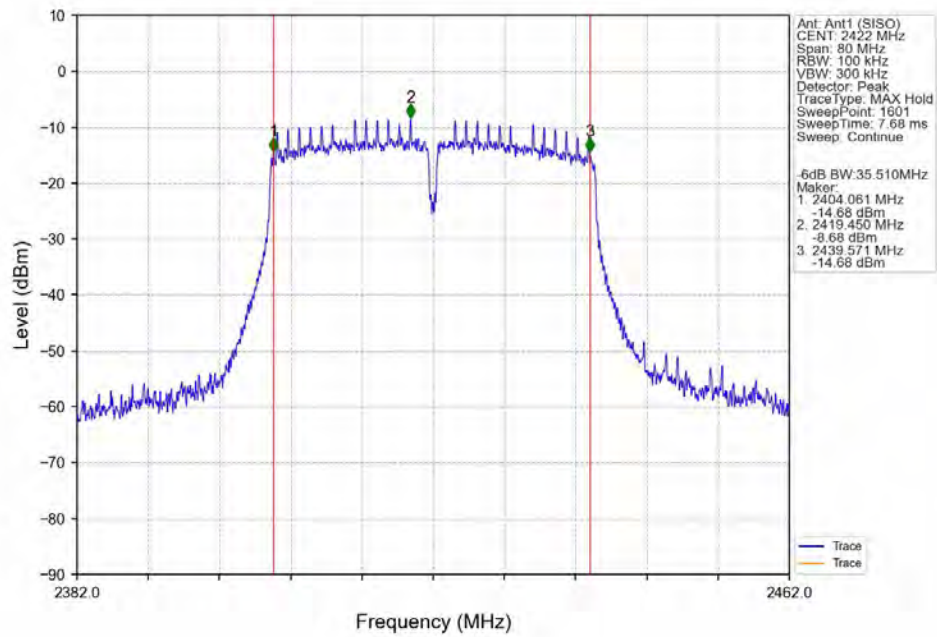
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



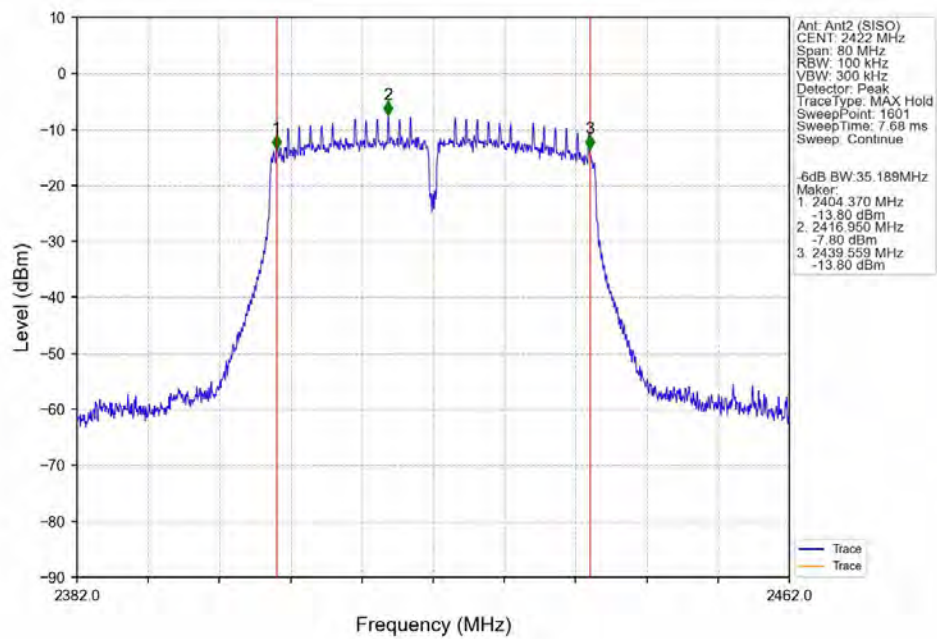
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



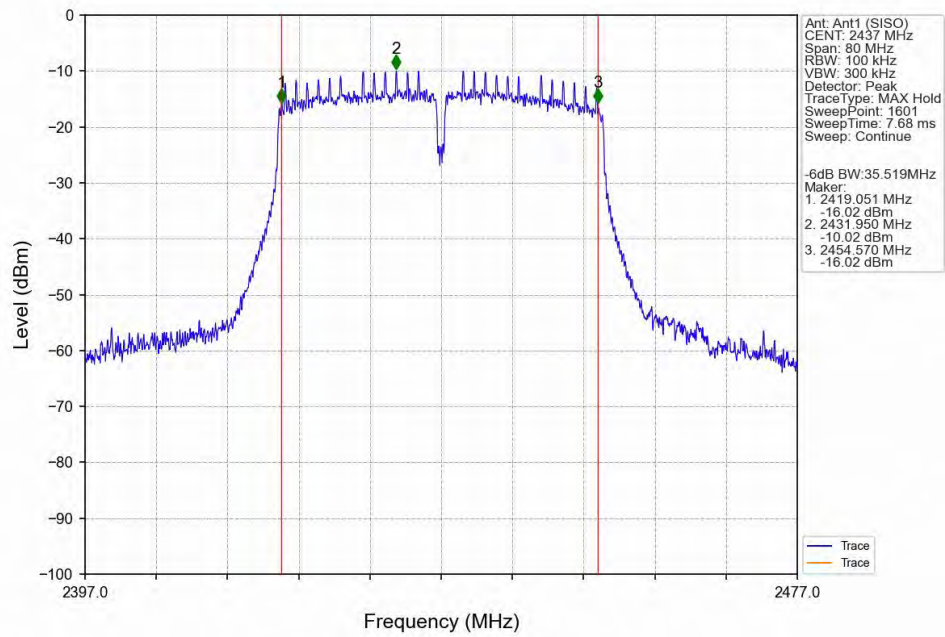
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



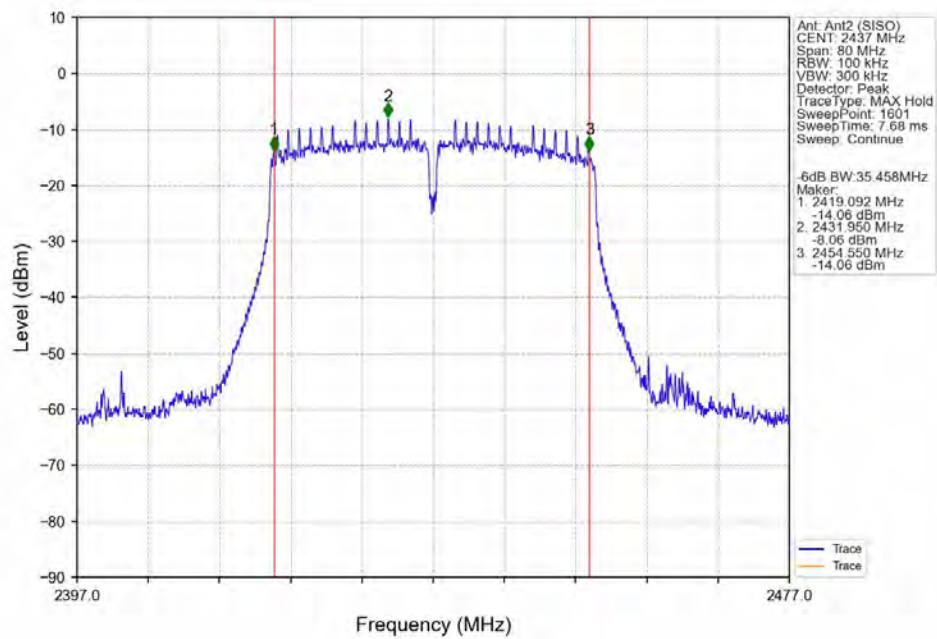
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



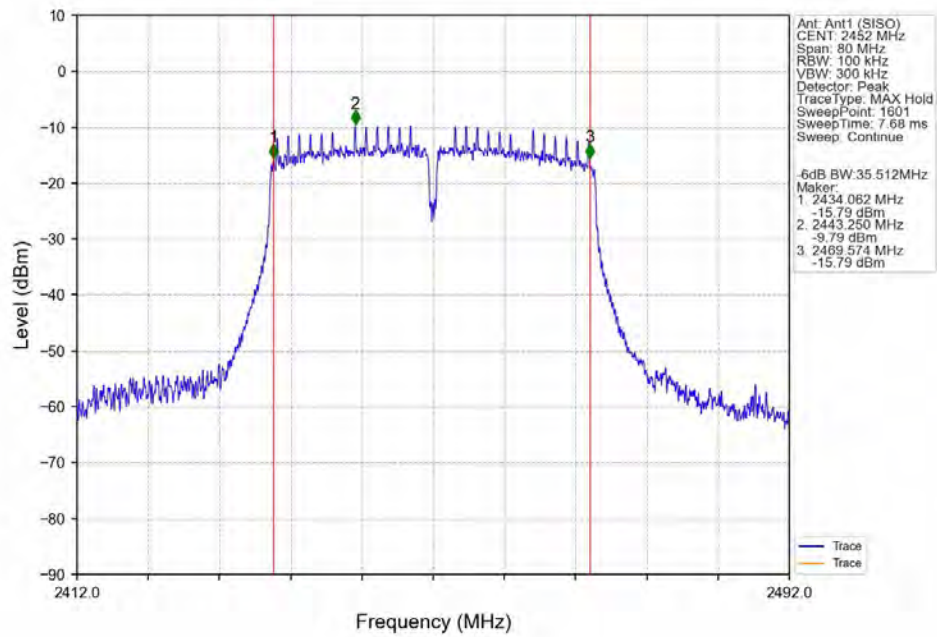
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



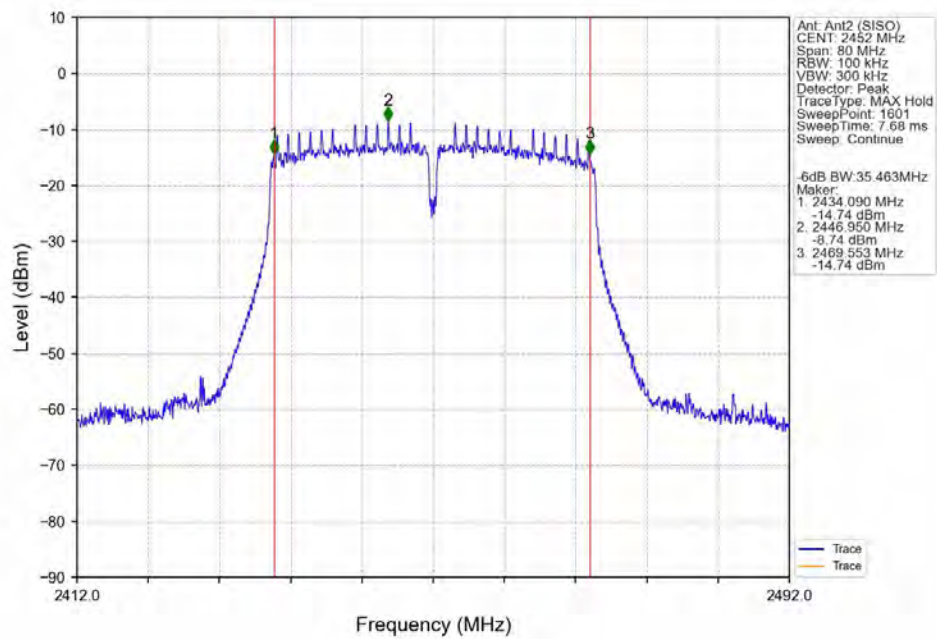
802.11n(HT40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



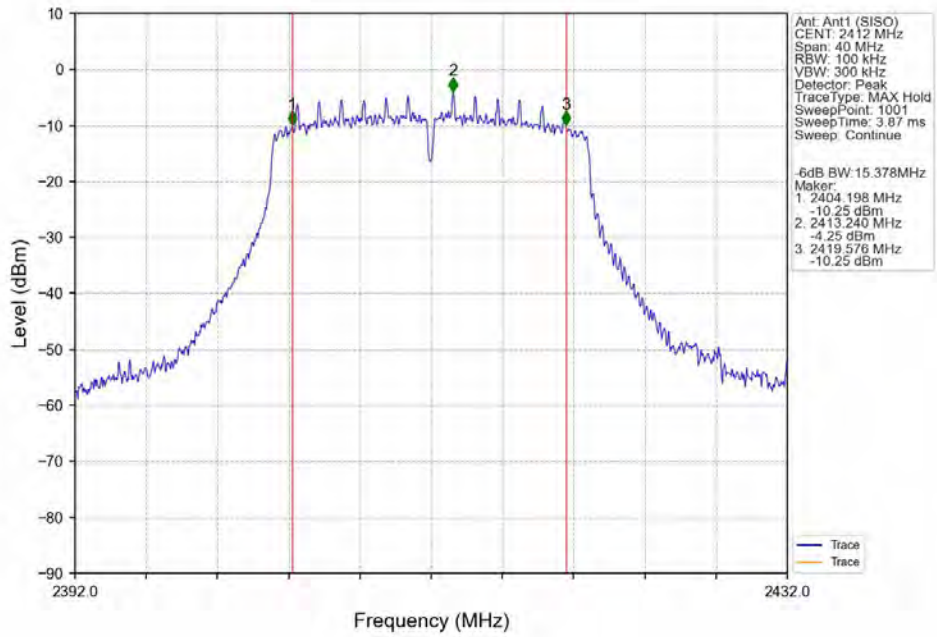
802.11n(HT40)\_HCH\_2452MHz\_Ant1(SISO)\_NTNV



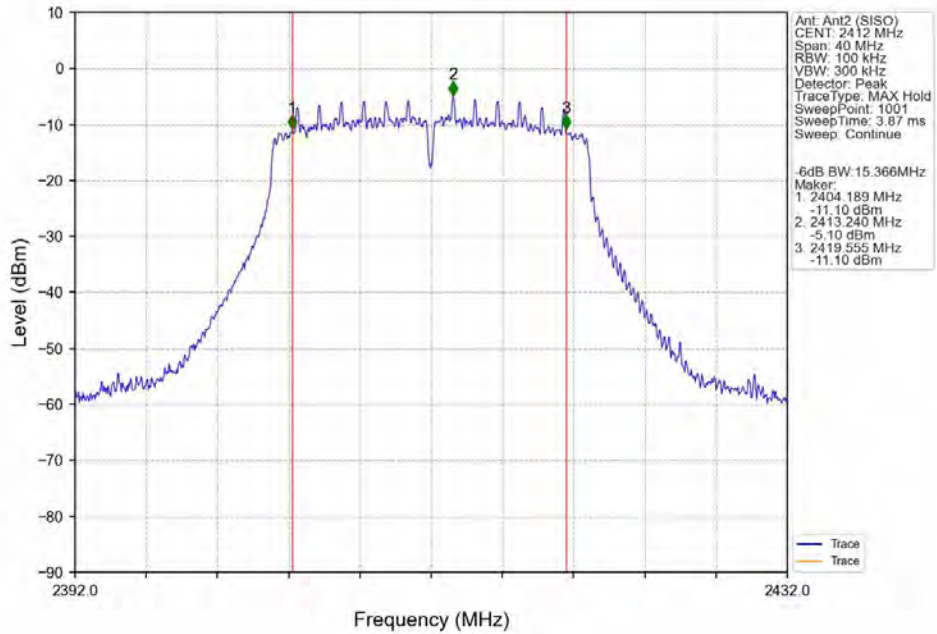
802.11n(HT40)\_HCH\_2452MHz\_Ant2(SISO)\_NTNV



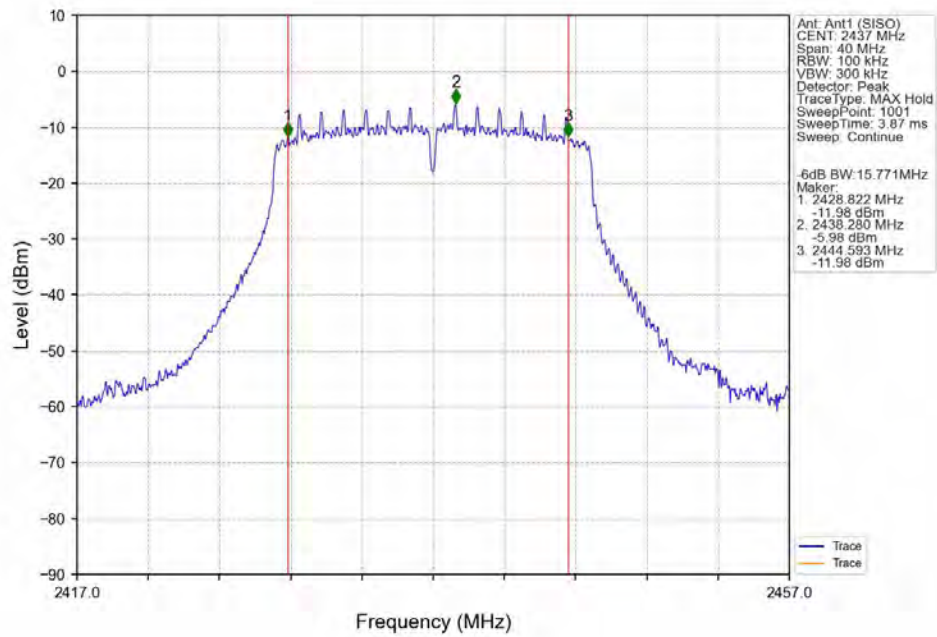
802.11ax(HEW20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



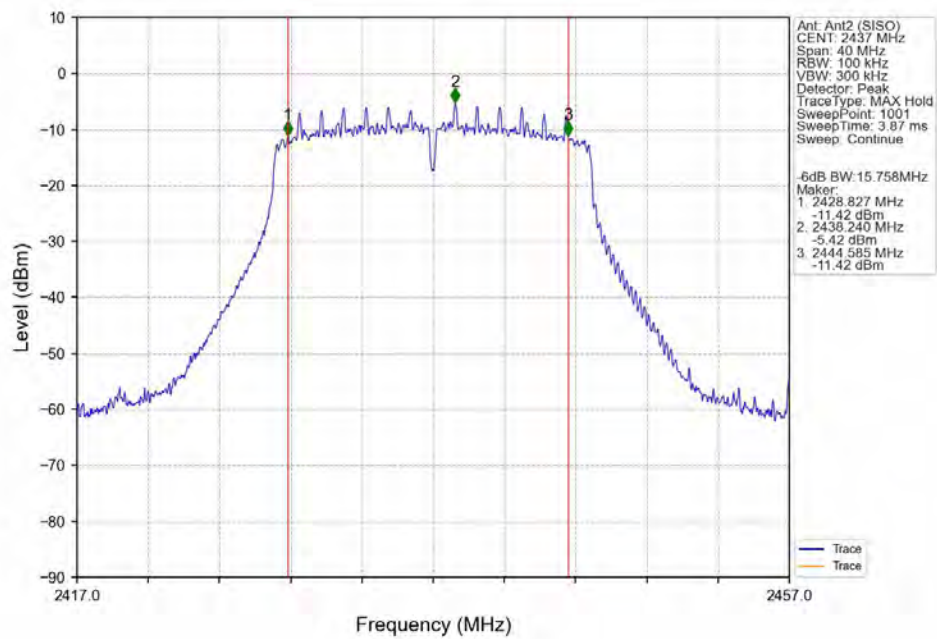
802.11ax(HEW20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



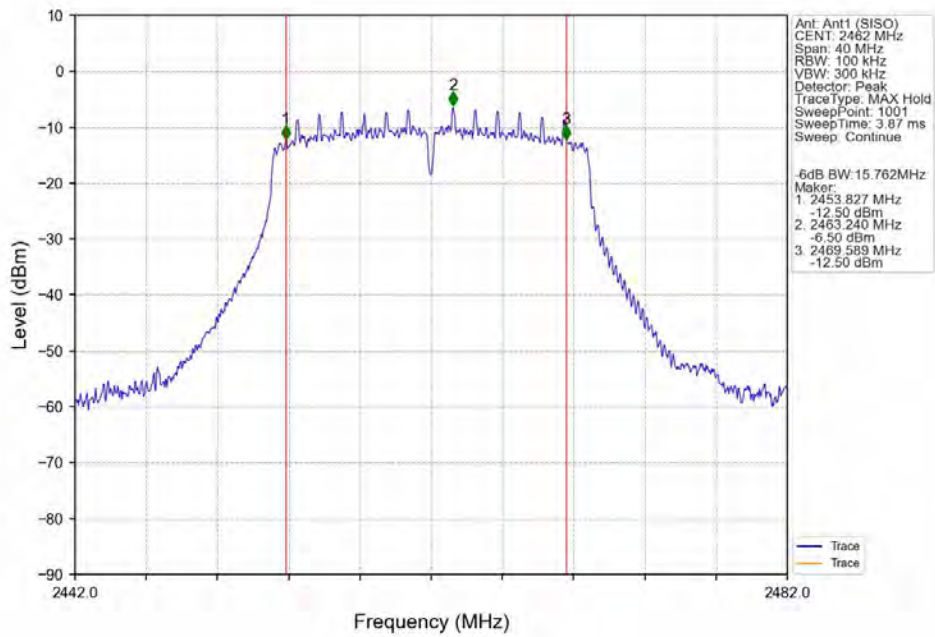
802.11ax(HEW20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



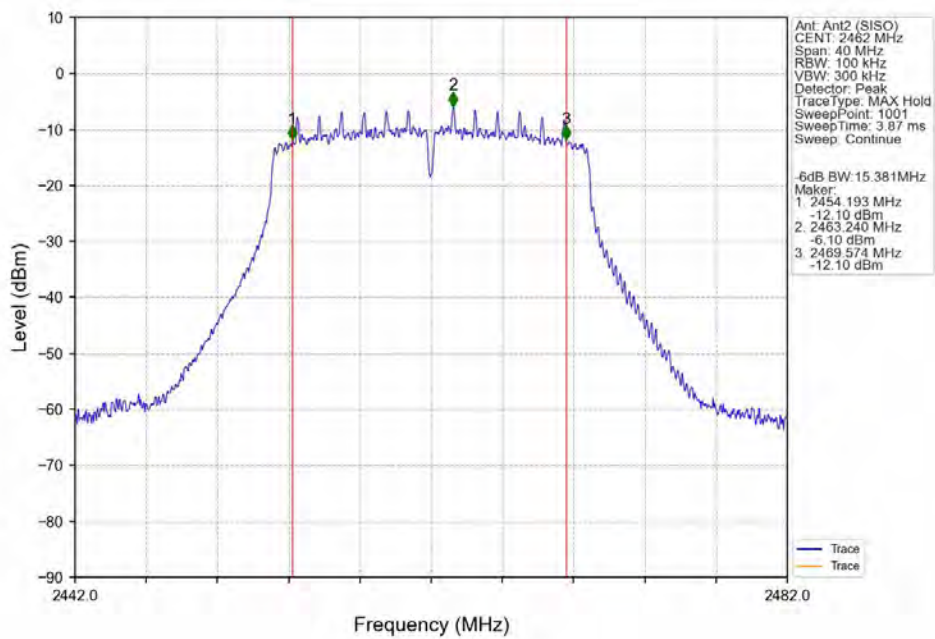
802.11ax(HEW20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



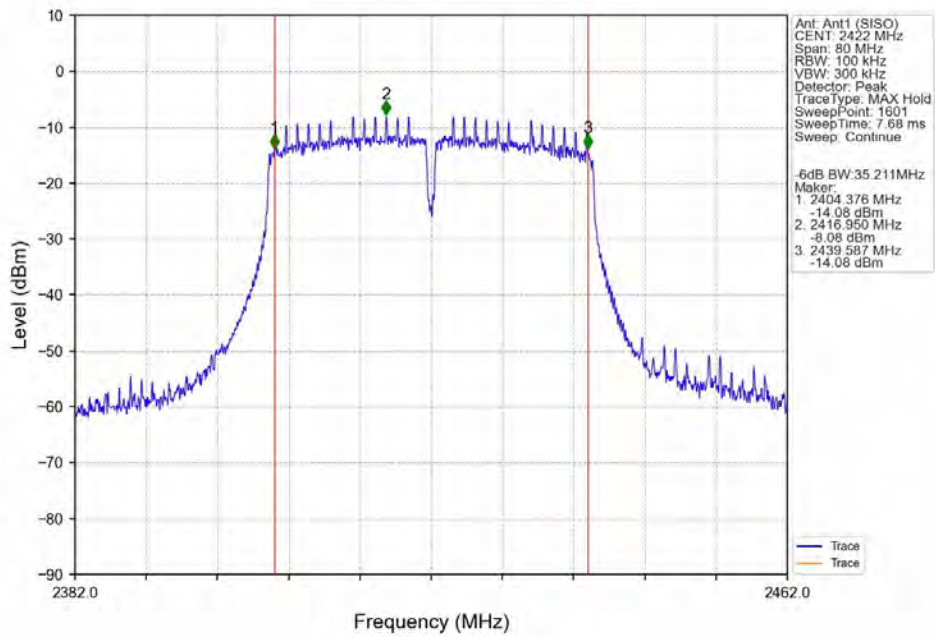
802.11ax(HEW20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



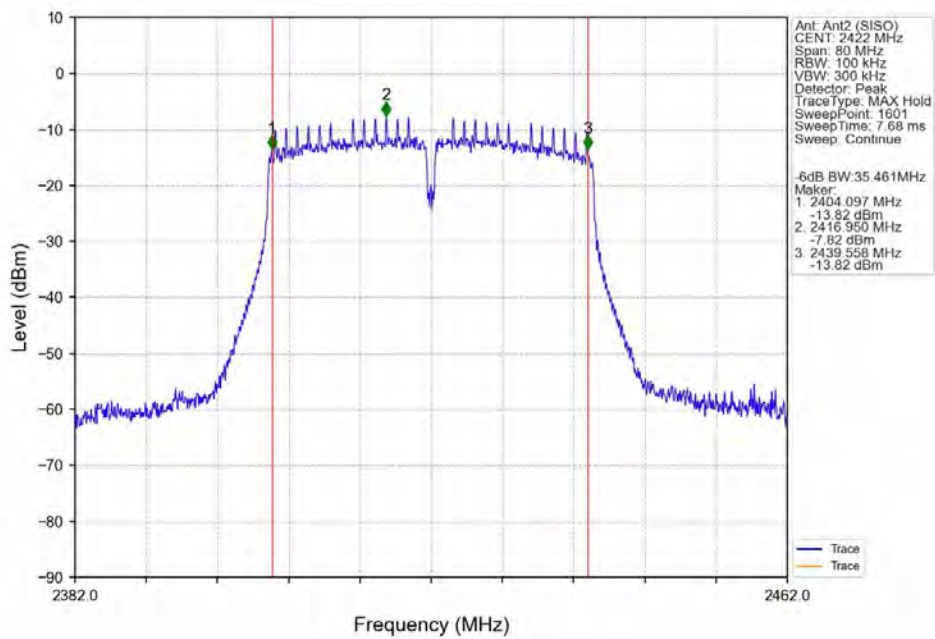
802.11ax(HEW20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



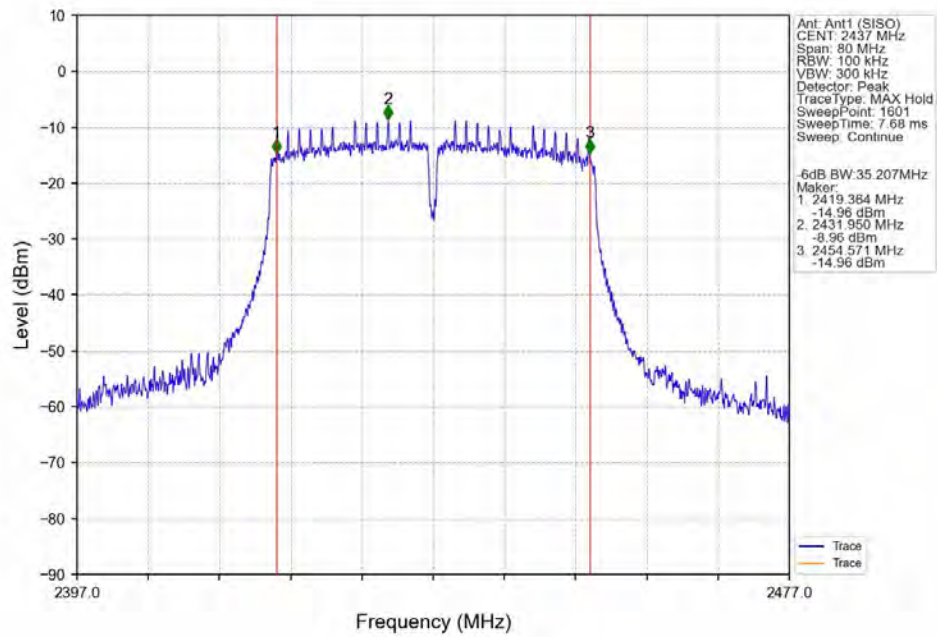
802.11ax(HEW40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



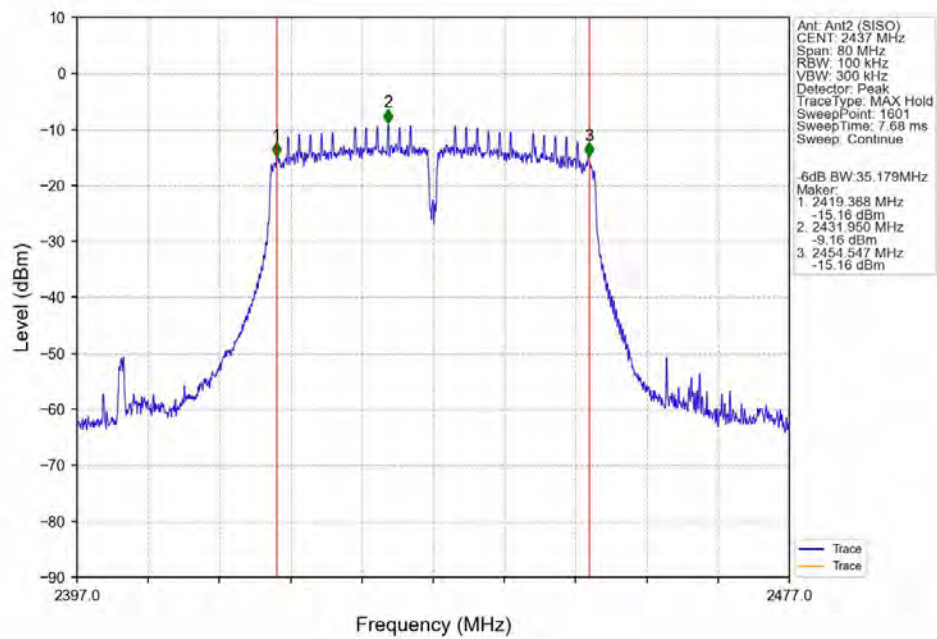
802.11ax(HEW40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



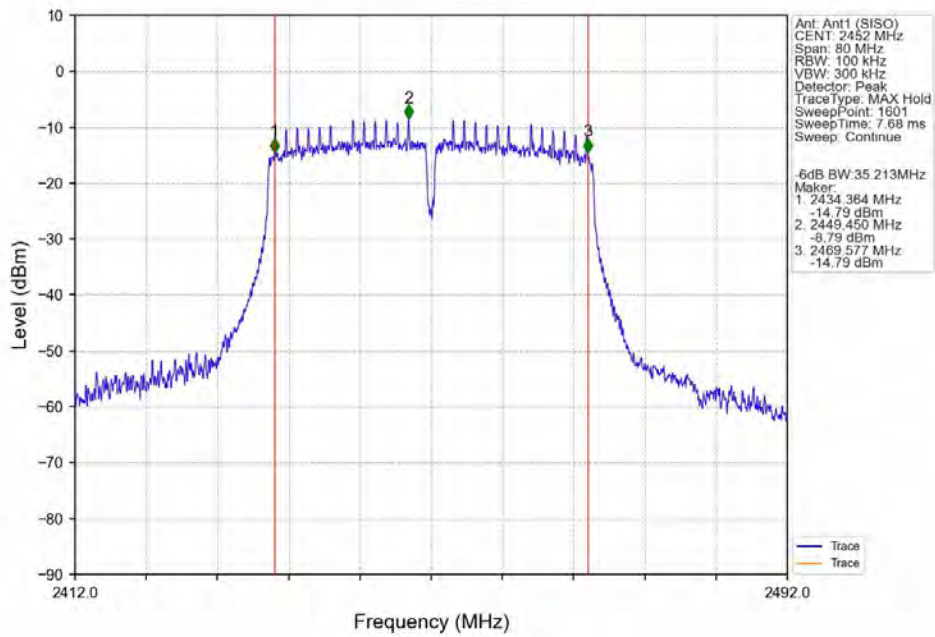
802.11ax(HEW40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



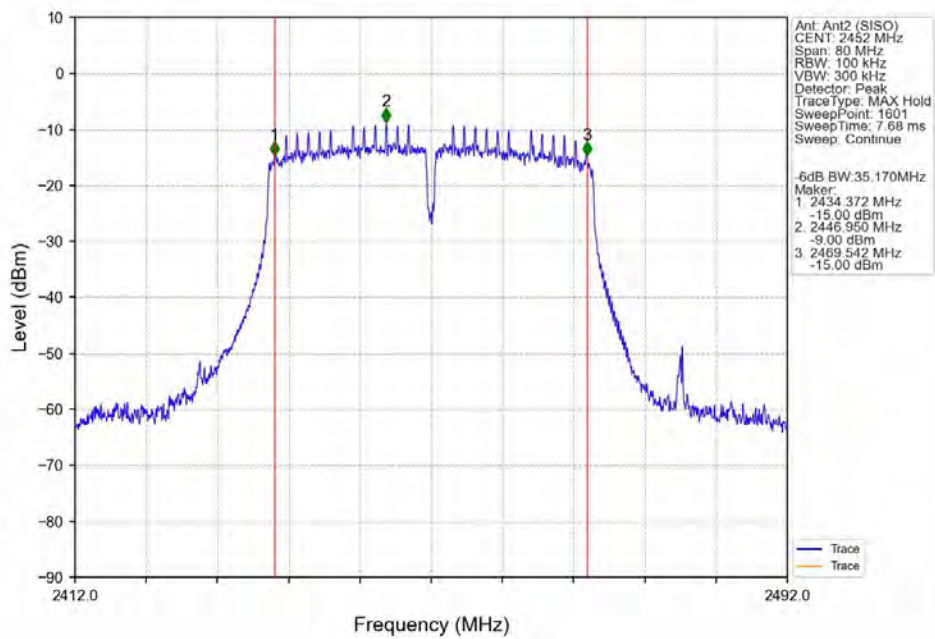
802.11ax(HEW40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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



802.11ax(HEW40)\_HCH\_2452MHz\_Ant2 (SISO)\_NTNV



### 3. Maximum Conducted Output Power

#### 3.1 Test Relt

##### 3.1.1 Power

| Mode                                                                                                                                                                                  | TX Type | Frequency (MHz) | RU | Maximum Peak Conducted Output Power (dBm) |       |       |       | Verdict |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|----|-------------------------------------------|-------|-------|-------|---------|
|                                                                                                                                                                                       |         |                 |    | ANT1                                      | ANT2  | MIMO  | Limit |         |
| 802.11b                                                                                                                                                                               | SISO    | 2412            | /  | 13.50                                     | 12.85 | /     | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2437            | /  | 13.44                                     | 12.92 | /     | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2462            | /  | 13.29                                     | 12.32 | /     | <=30  | Pass    |
| 802.11g                                                                                                                                                                               | SISO    | 2412            | /  | 13.41                                     | 12.85 | /     | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2437            | /  | 13.61                                     | 13.47 | /     | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2462            | /  | 13.10                                     | 12.67 | /     | <=30  | Pass    |
| 802.11n (HT20)                                                                                                                                                                        | MIMO    | 2412            | /  | 13.37                                     | 12.56 | 15.99 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2437            | /  | 12.84                                     | 12.52 | 15.69 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2462            | /  | 13.18                                     | 12.50 | 15.86 | <=30  | Pass    |
| 802.11n (HT40)                                                                                                                                                                        | MIMO    | 2422            | /  | 13.84                                     | 13.81 | 16.84 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2437            | /  | 12.91                                     | 12.64 | 15.79 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2452            | /  | 12.93                                     | 12.44 | 15.70 | <=30  | Pass    |
| 802.11ax (HEW20)                                                                                                                                                                      | MIMO    | 2412            | /  | 13.39                                     | 12.81 | 16.12 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2437            | /  | 13.84                                     | 14.17 | 17.02 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2462            | /  | 13.13                                     | 12.50 | 15.84 | <=30  | Pass    |
| 802.11ax (HEW40)                                                                                                                                                                      | MIMO    | 2422            | /  | 13.79                                     | 13.18 | 16.51 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2437            | /  | 13.30                                     | 12.93 | 16.13 | <=30  | Pass    |
|                                                                                                                                                                                       |         | 2452            | /  | 13.01                                     | 12.57 | 15.81 | <=30  | Pass    |
| Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;<br>Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)<br>Note3: MIMO POWER=10*LOG(POWER(10,F5/10)+POWER(10,G5/10)) |         |                 |    |                                           |       |       |       |         |

## 4. Maximum Power Spectral Density

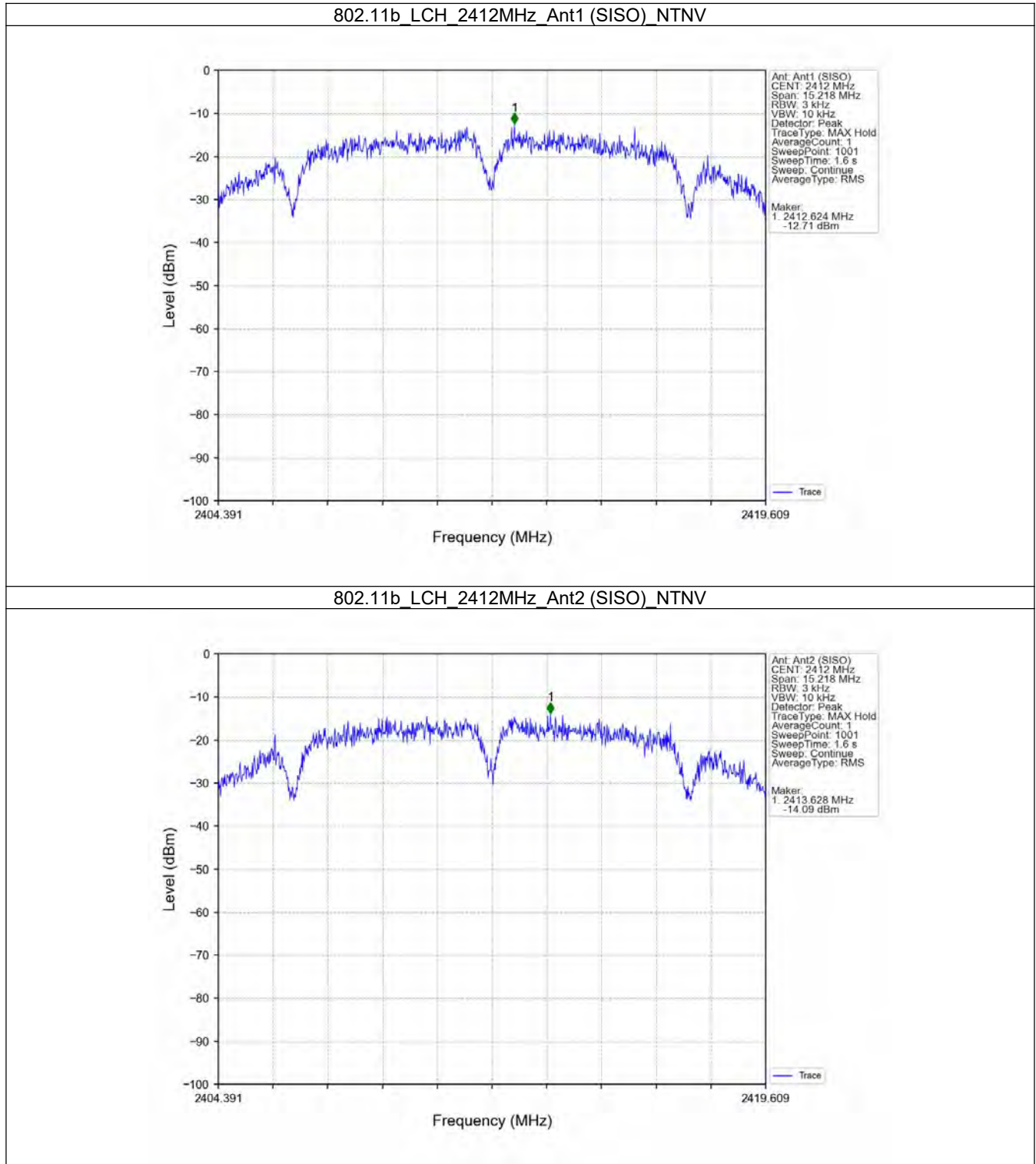
### 4.1 Test Relt

#### 4.1.1 PSD

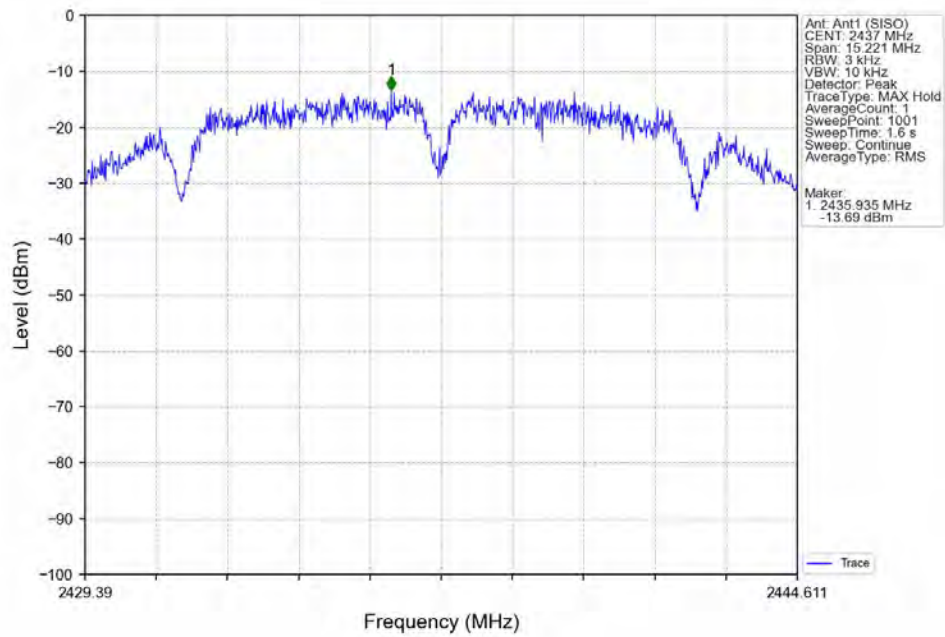
| Mode                                                                                                                     | TX Type | Frequency (MHz) | RU | Maximum PSD (dBm/3kHz) |        |        |       | Verdict |
|--------------------------------------------------------------------------------------------------------------------------|---------|-----------------|----|------------------------|--------|--------|-------|---------|
|                                                                                                                          |         |                 |    | ANT1                   | ANT2   | MIMO   | Limit |         |
| 802.11b                                                                                                                  | SISO    | 2412            | /  | -12.71                 | -14.09 | /      | <=8   | Pass    |
|                                                                                                                          |         | 2437            | /  | -13.69                 | -14.15 | /      | <=8   | Pass    |
|                                                                                                                          |         | 2462            | /  | -13.99                 | -13.42 | /      | <=8   | Pass    |
| 802.11g                                                                                                                  | SISO    | 2412            | /  | -20.35                 | -21.25 | /      | <=8   | Pass    |
|                                                                                                                          |         | 2437            | /  | -19.45                 | -20.39 | /      | <=8   | Pass    |
|                                                                                                                          |         | 2462            | /  | -20.38                 | -21.32 | /      | <=8   | Pass    |
| 802.11n (HT20)                                                                                                           | MIMO    | 2412            | /  | -19.50                 | -20.36 | -17.47 | <=8   | Pass    |
|                                                                                                                          |         | 2437            | /  | -20.15                 | -19.96 | -17.73 | <=8   | Pass    |
|                                                                                                                          |         | 2462            | /  | -21.63                 | -21.94 | -19.93 | <=8   | Pass    |
| 802.11n (HT40)                                                                                                           | MIMO    | 2422            | /  | -22.34                 | -21.15 | -19.39 | <=8   | Pass    |
|                                                                                                                          |         | 2437            | /  | -22.58                 | -22.42 | -19.49 | <=8   | Pass    |
|                                                                                                                          |         | 2452            | /  | -22.20                 | -21.61 | -18.88 | <=8   | Pass    |
| 802.11ax (HEW20)                                                                                                         | MIMO    | 2412            | /  | -19.61                 | -20.22 | -17.63 | <=8   | Pass    |
|                                                                                                                          |         | 2437            | /  | -20.33                 | -20.53 | -17.43 | <=8   | Pass    |
|                                                                                                                          |         | 2462            | /  | -20.86                 | -21.46 | -18.58 | <=8   | Pass    |
| 802.11ax (HEW40)                                                                                                         | MIMO    | 2422            | /  | -20.62                 | -22.72 | -18.53 | <=8   | Pass    |
|                                                                                                                          |         | 2437            | /  | -22.53                 | -24.54 | -20.65 | <=8   | Pass    |
|                                                                                                                          |         | 2452            | /  | -23.35                 | -21.53 | -20.29 | <=8   | Pass    |
| Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;<br>Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain) |         |                 |    |                        |        |        |       |         |

## 4.2 Test Graph

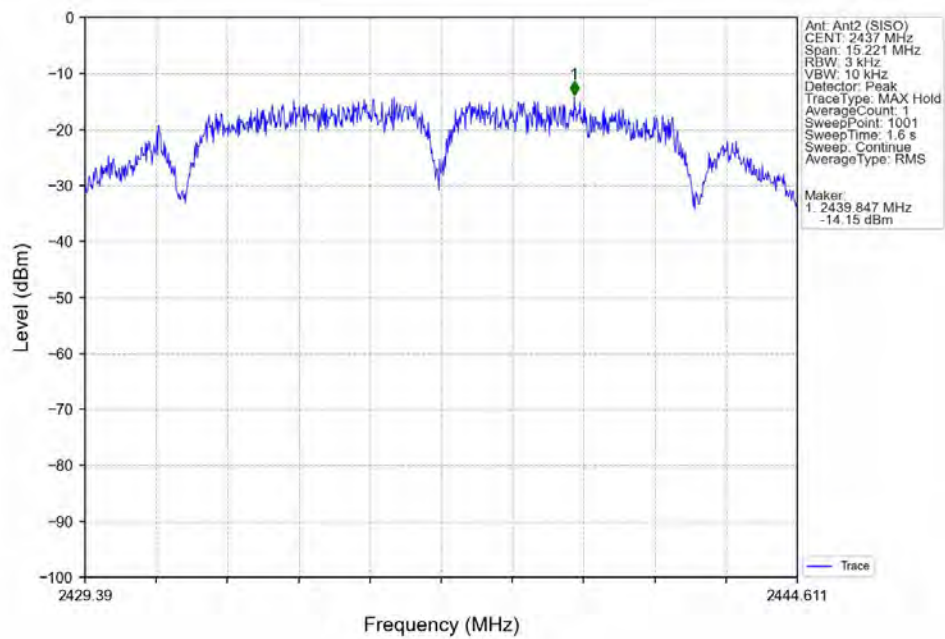
### 4.2.1 PSD



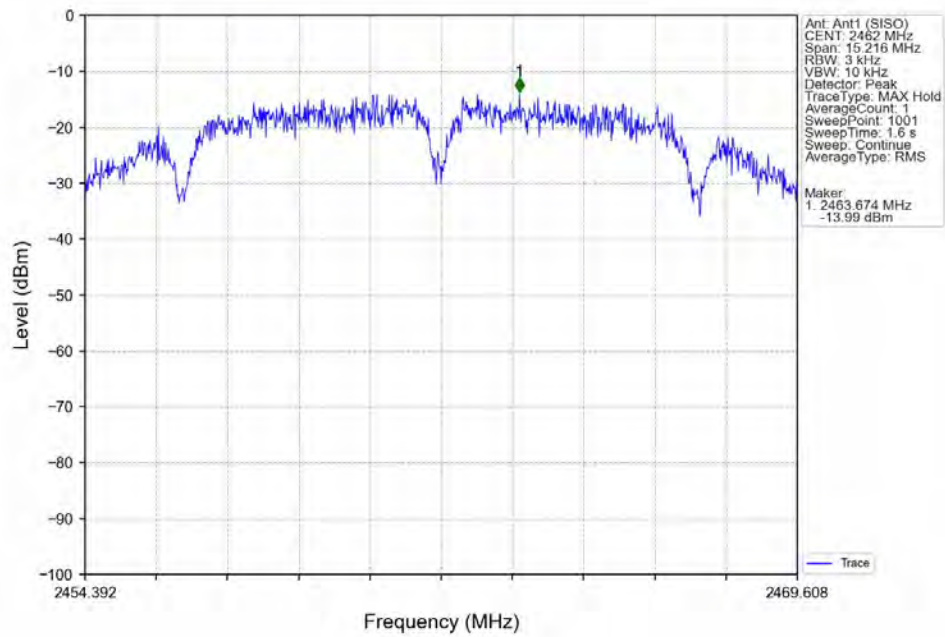
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



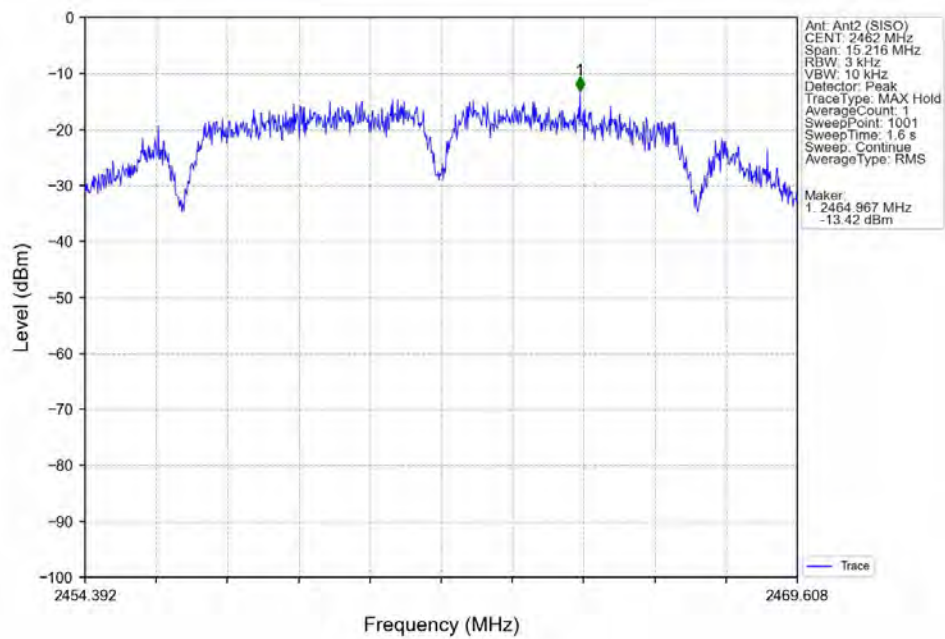
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



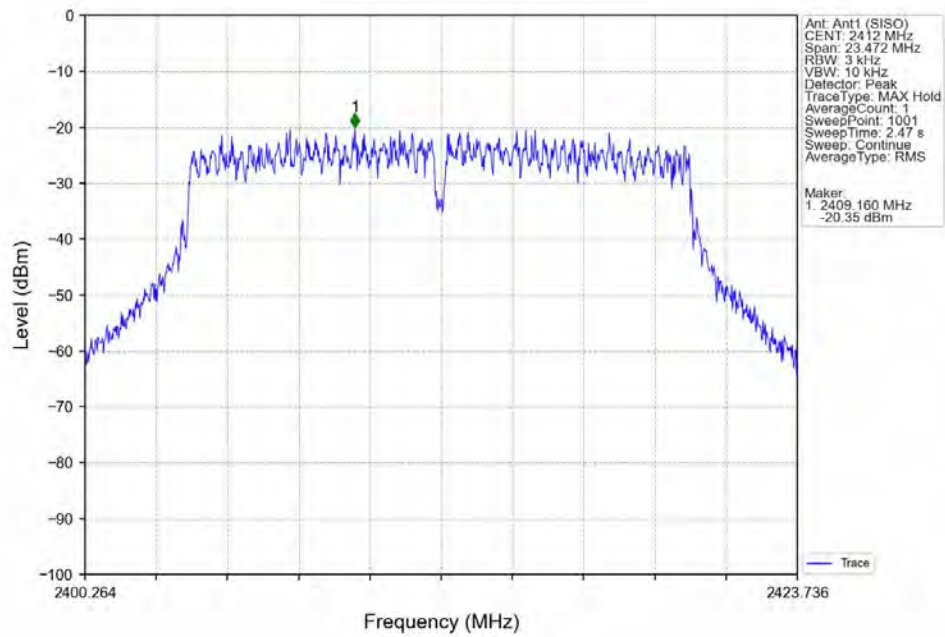
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



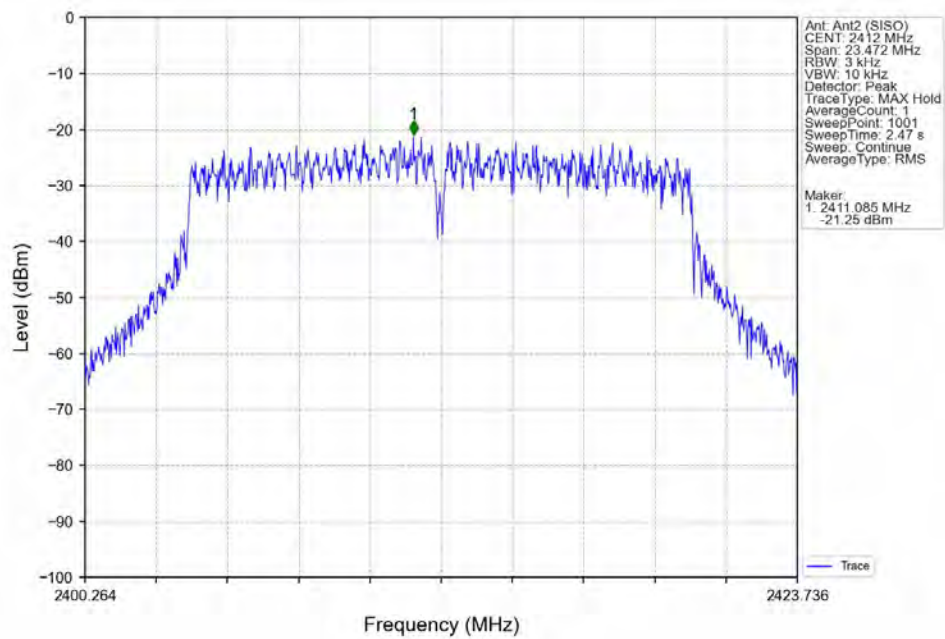
802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



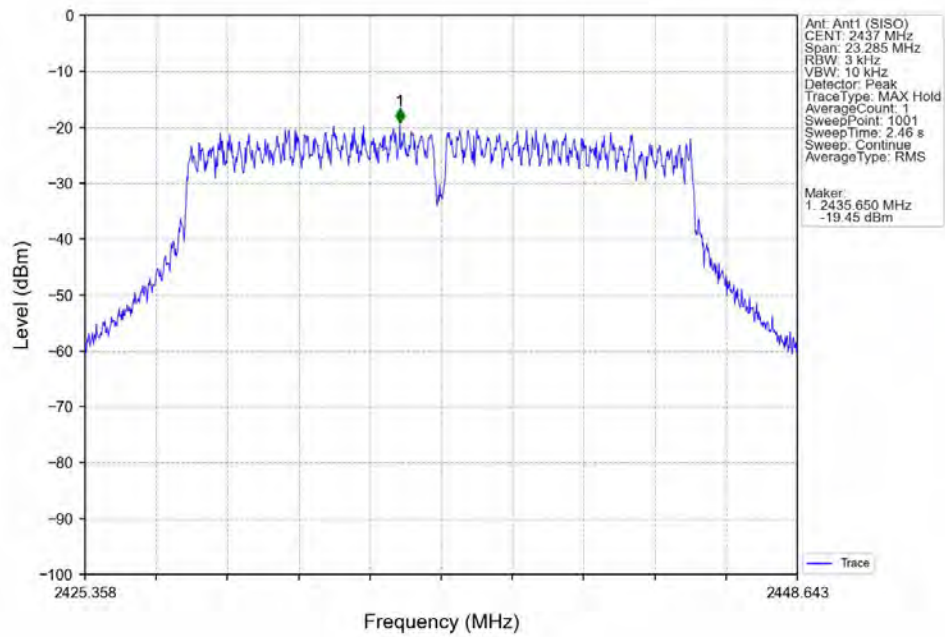
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



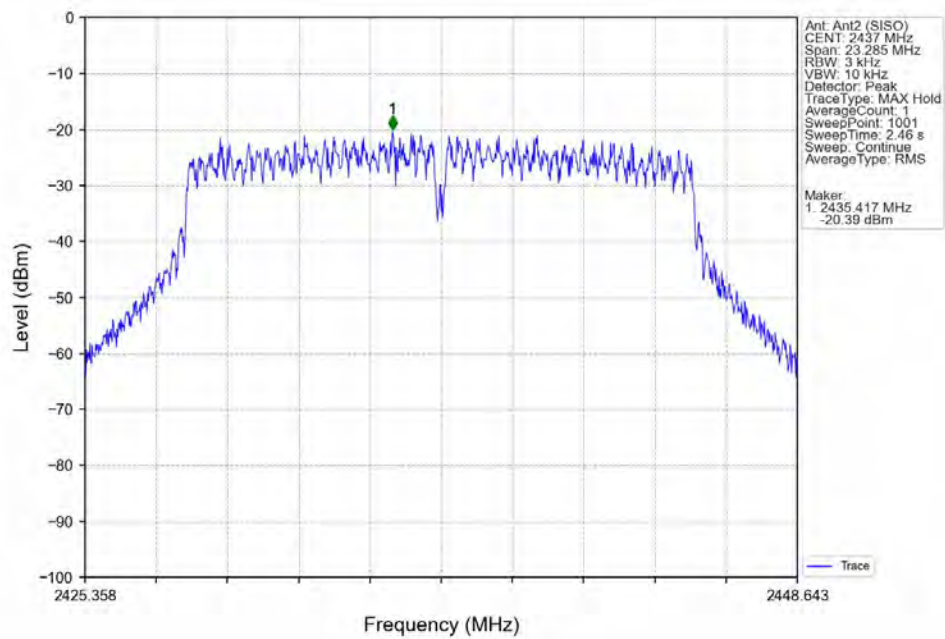
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



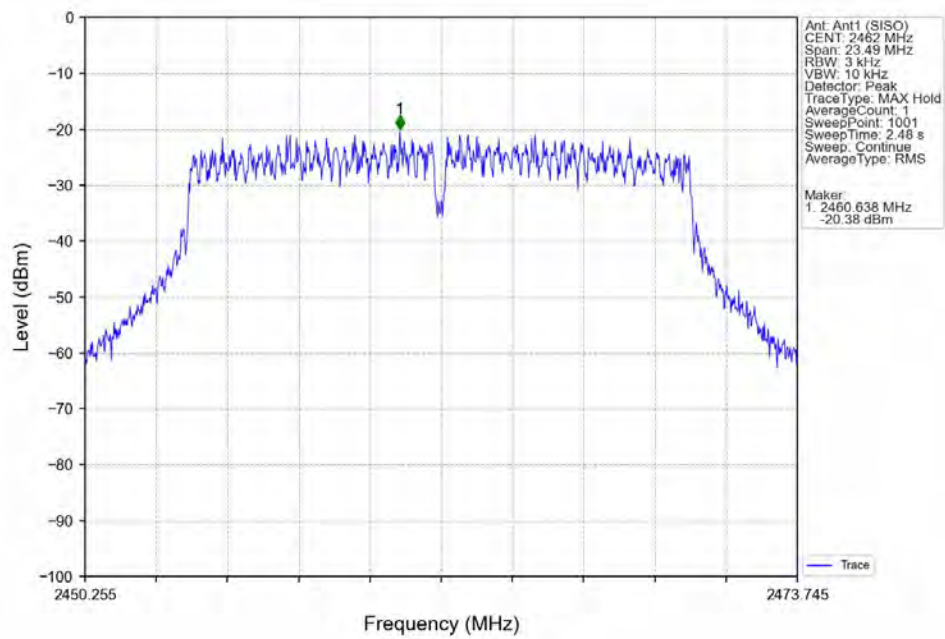
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



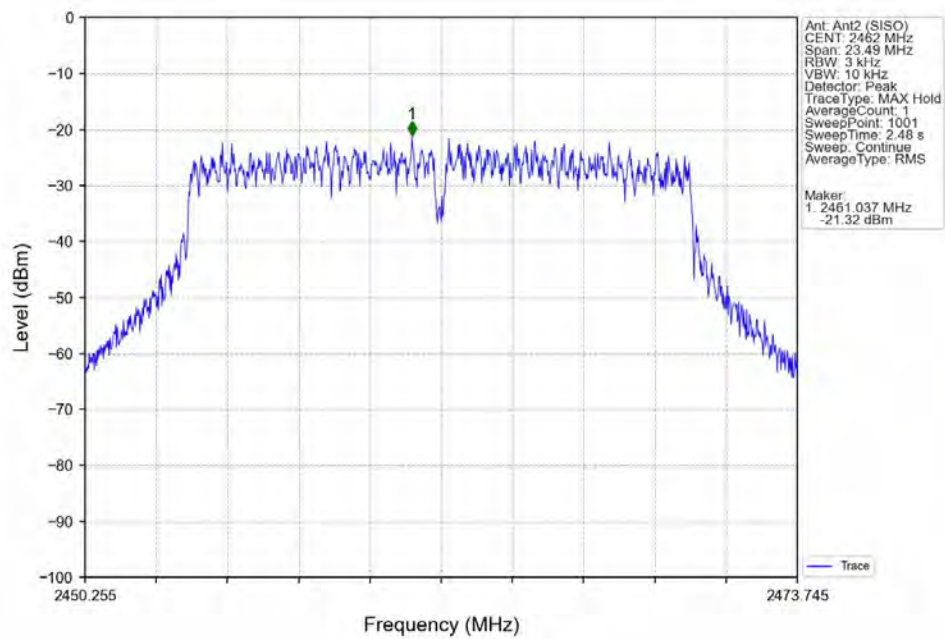
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



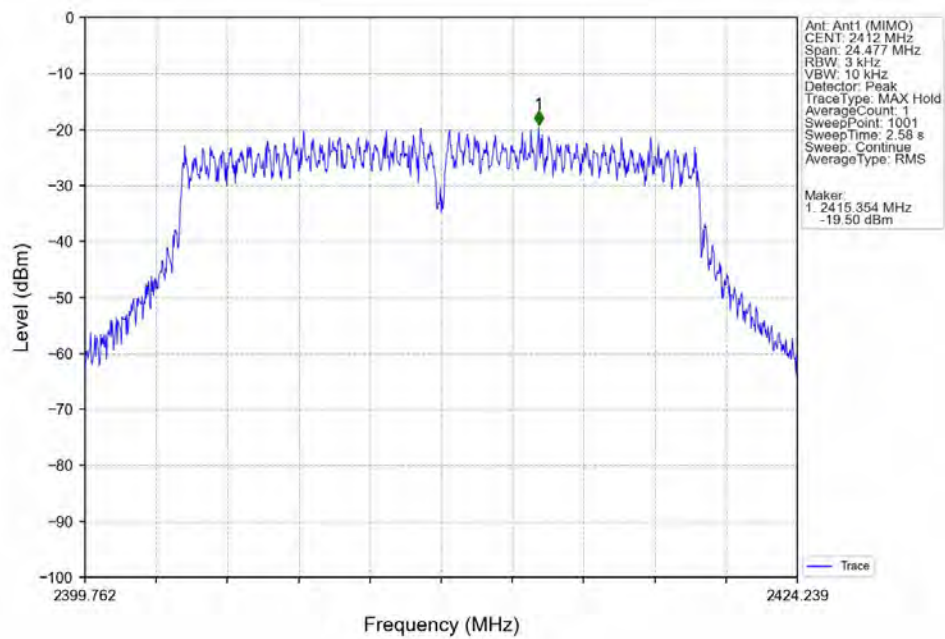
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



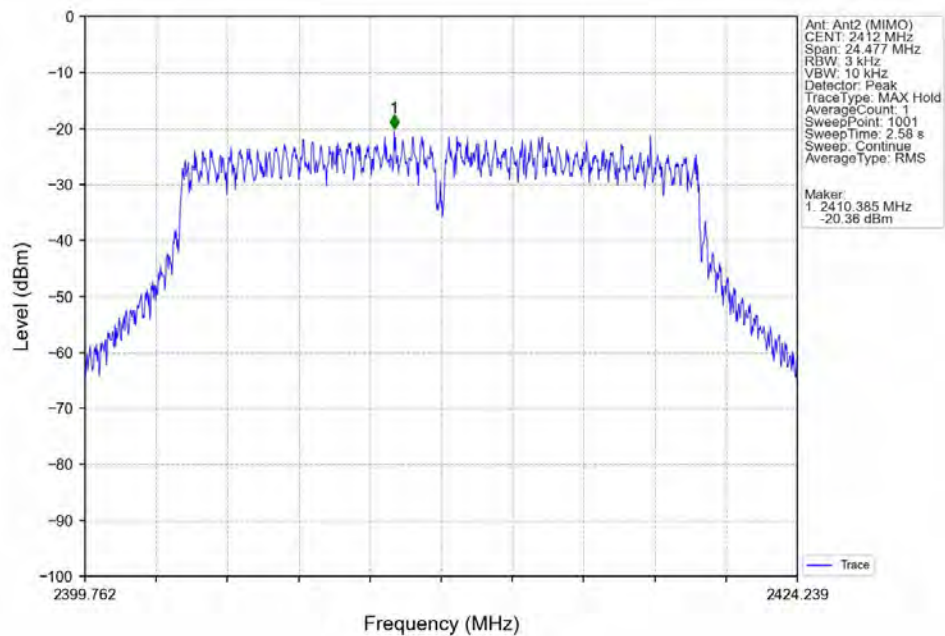
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



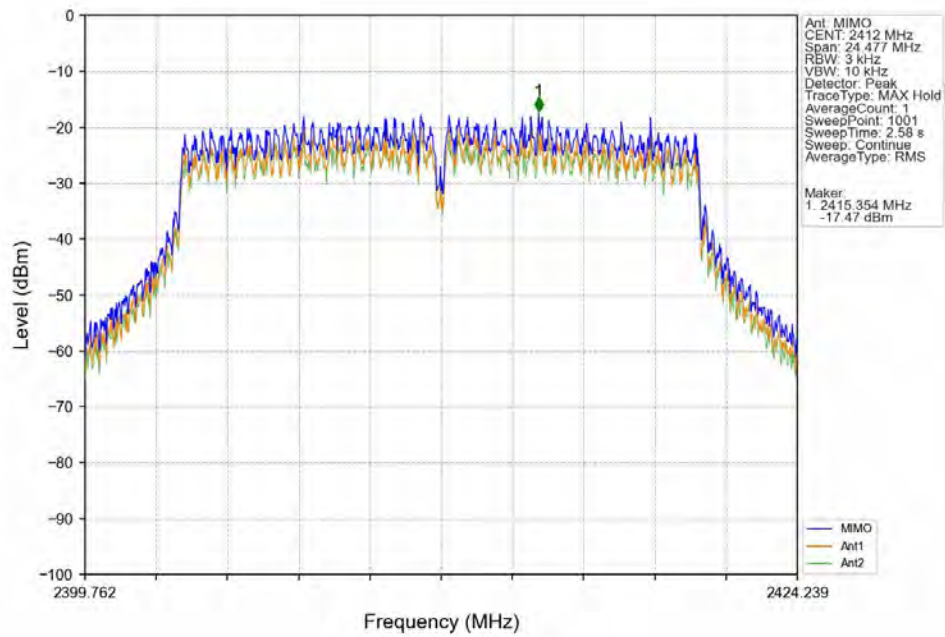
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



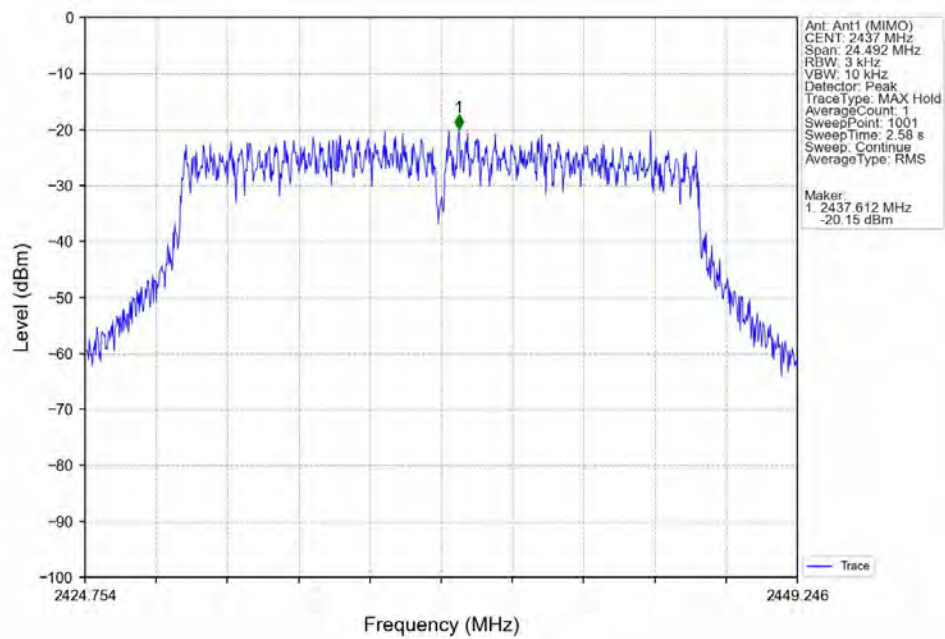
802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



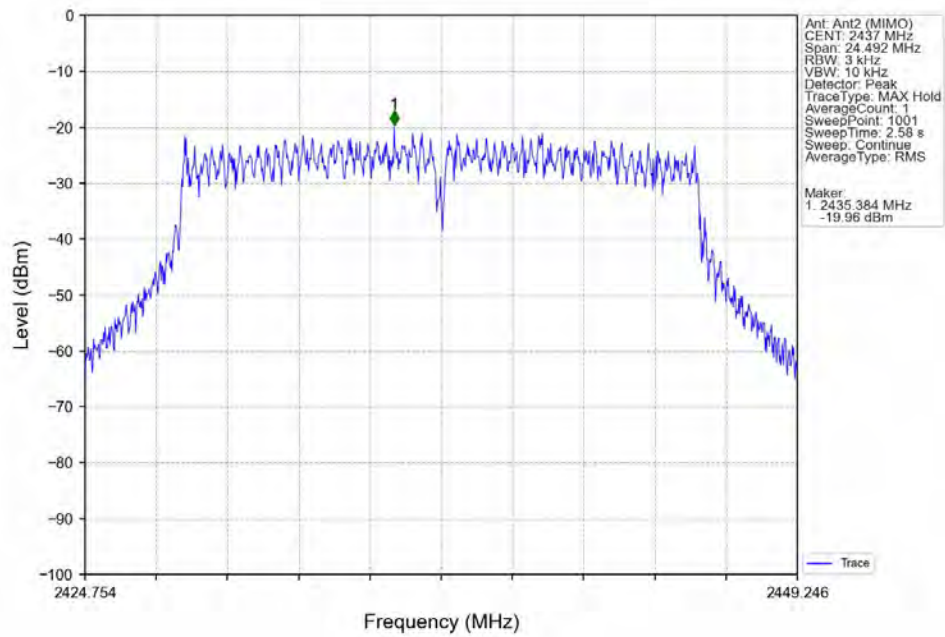
802.11n(HT20)\_LCH\_2412MHz\_MIMO\_NTNV



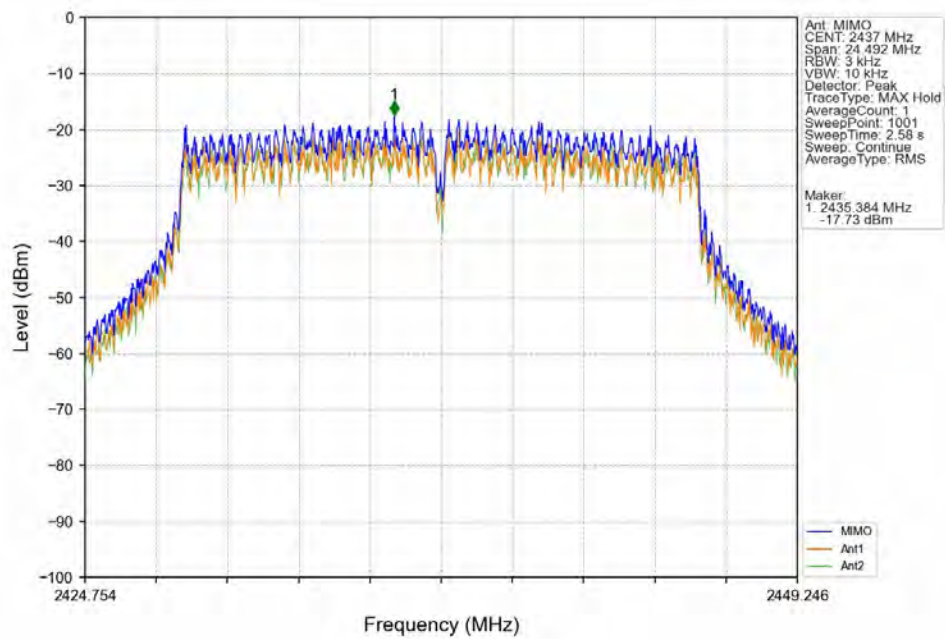
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



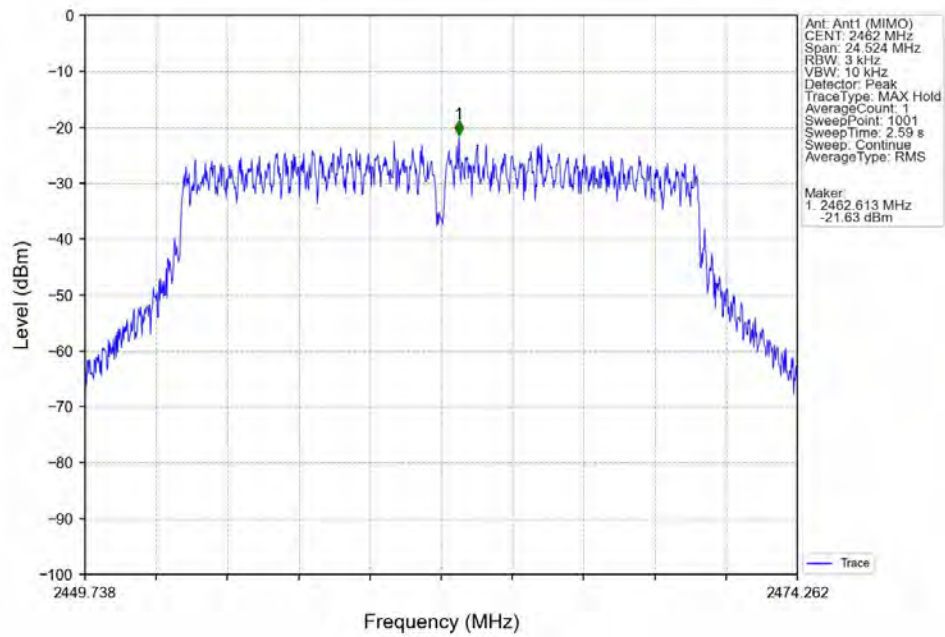
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



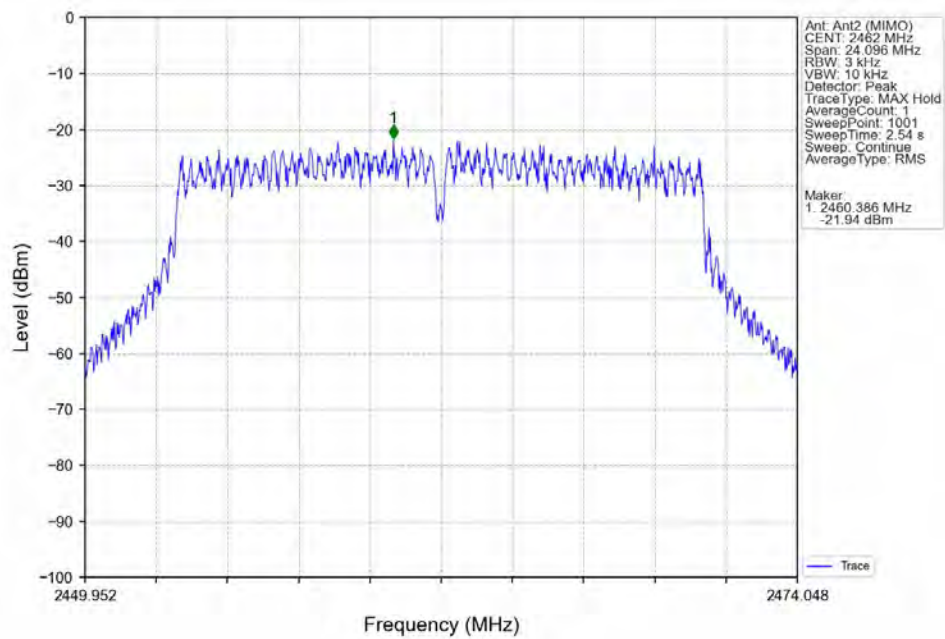
802.11n(HT20)\_MCH\_2437MHz\_MIMO\_NTNV



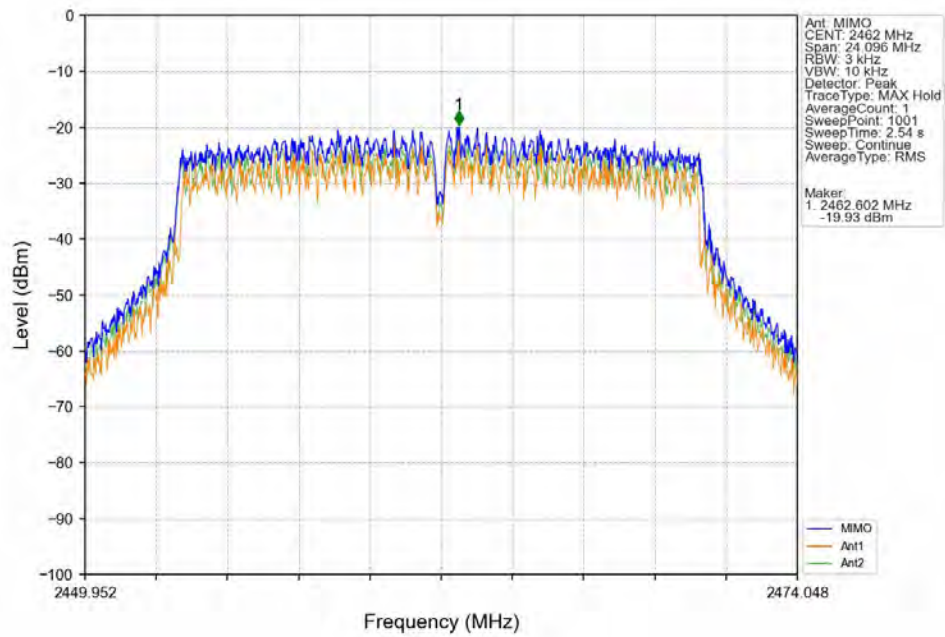
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



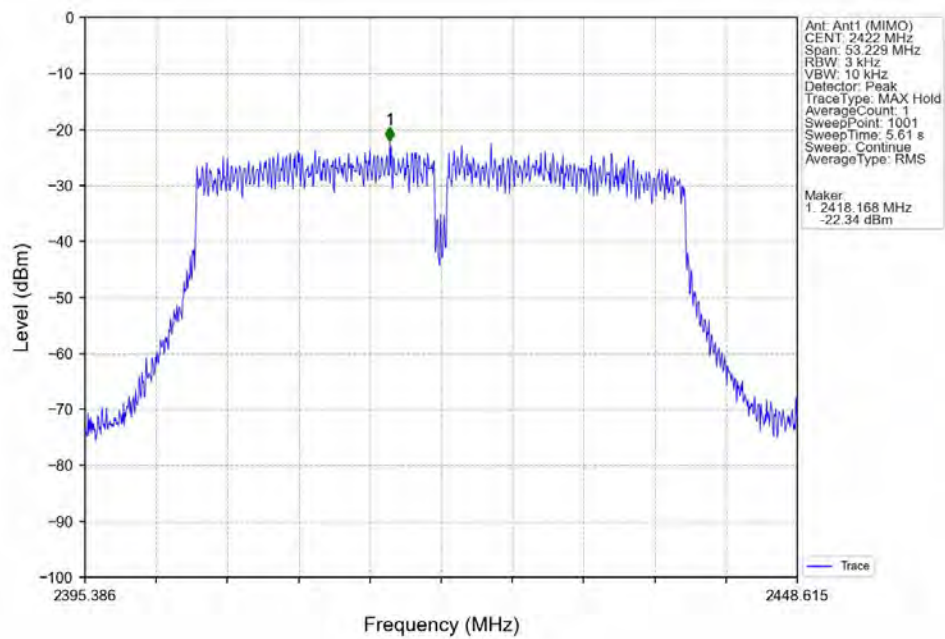
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



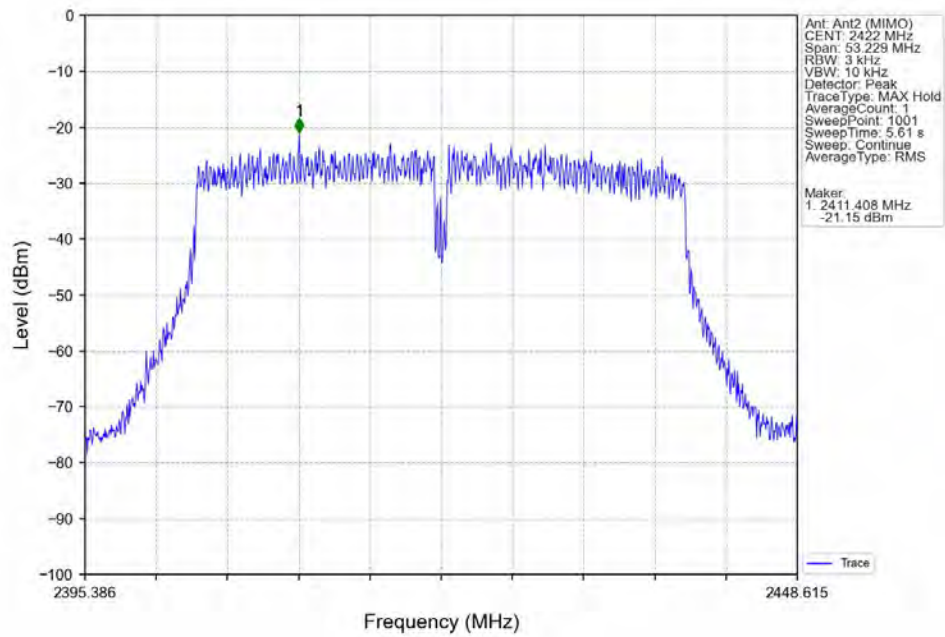
802.11n(HT20)\_HCH\_2462MHz\_MIMO\_NTNV



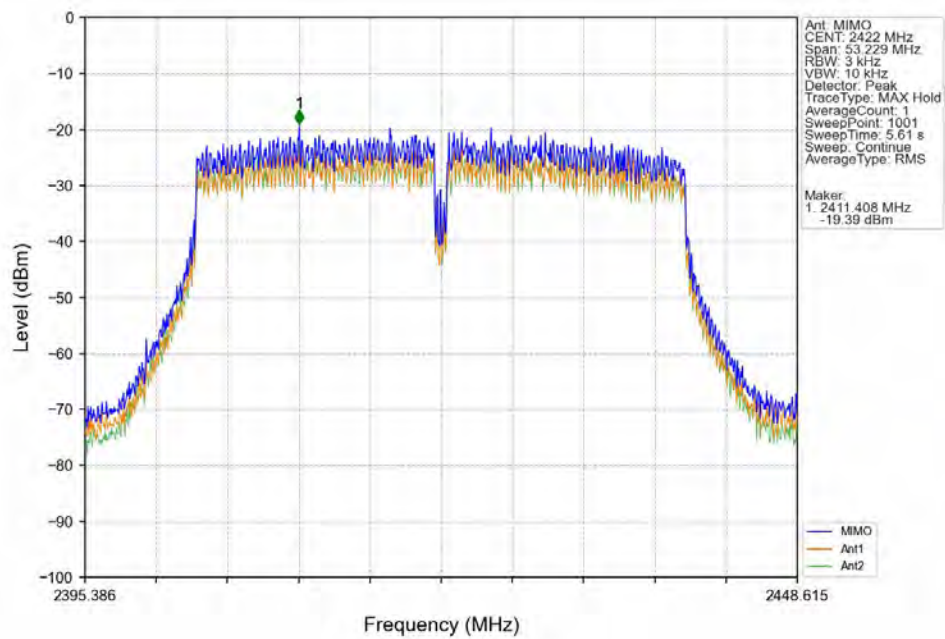
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



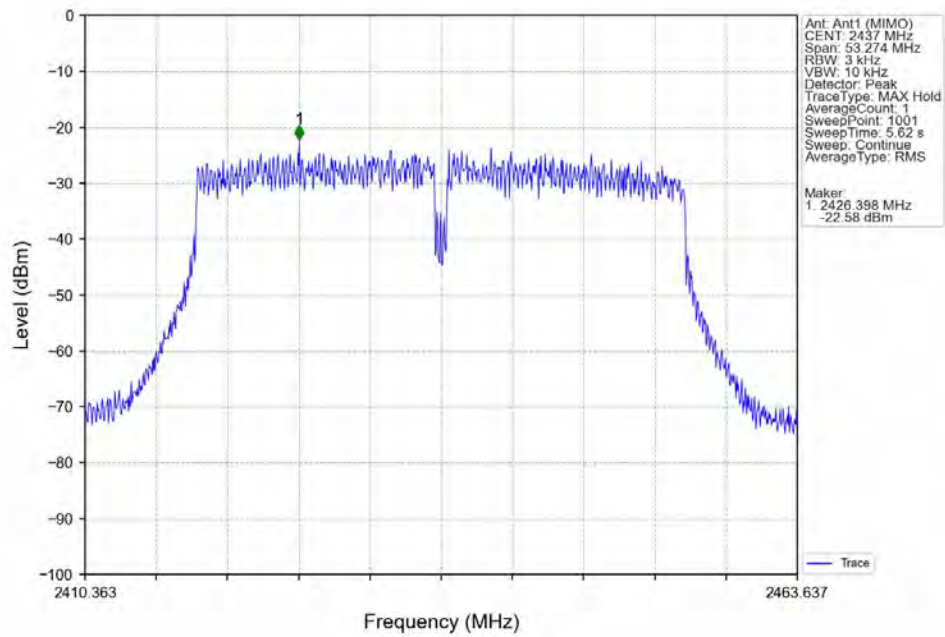
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



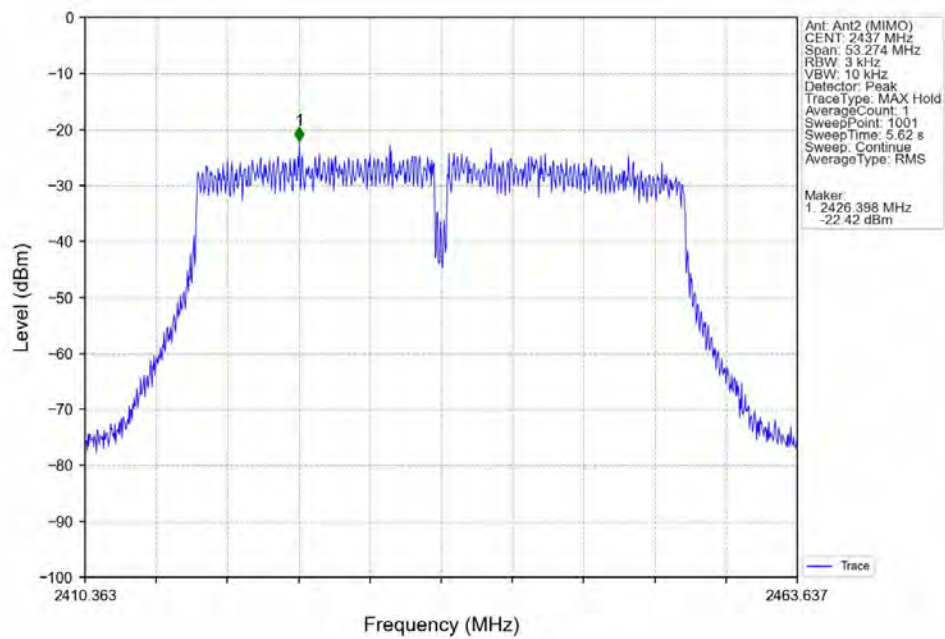
802.11n(HT40)\_LCH\_2422MHz\_MIMO\_NTNV



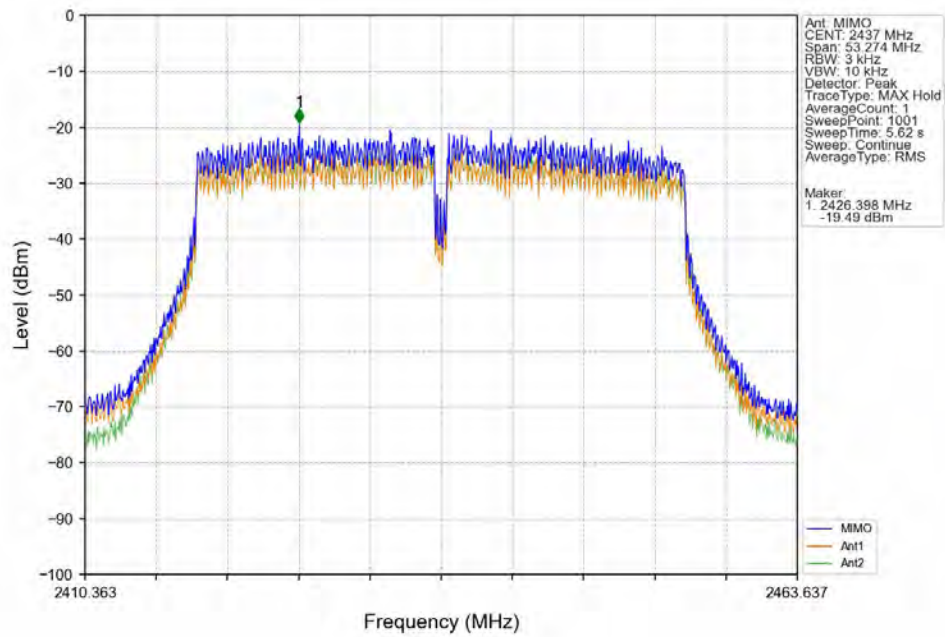
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



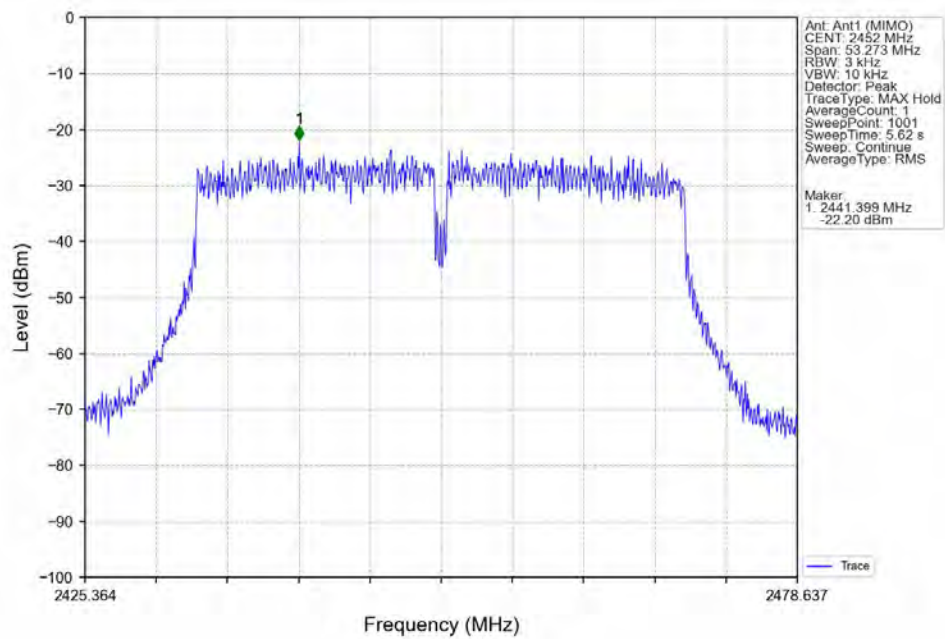
802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



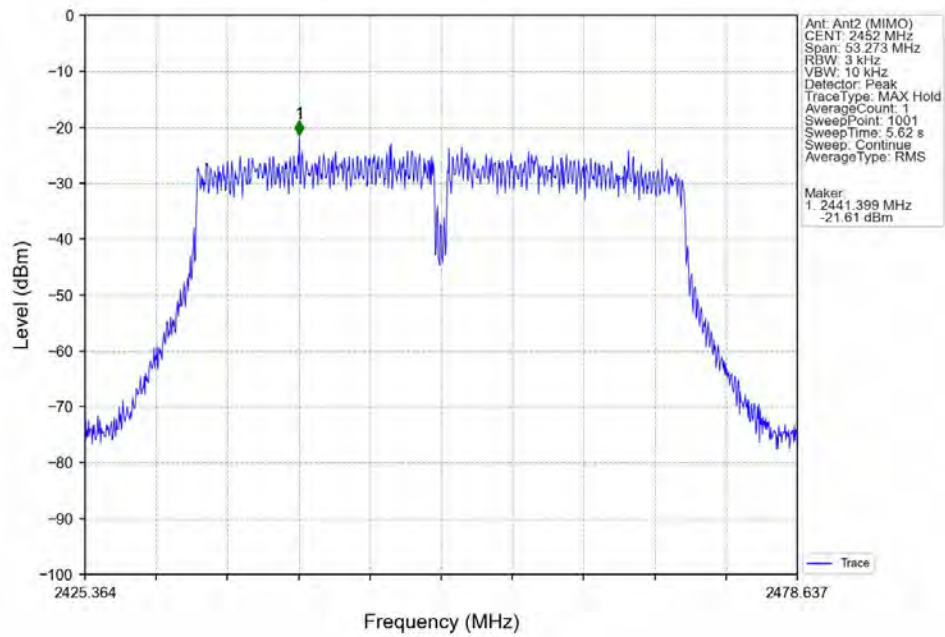
802.11n(HT40)\_MCH\_2437MHz\_MIMO\_NTNV



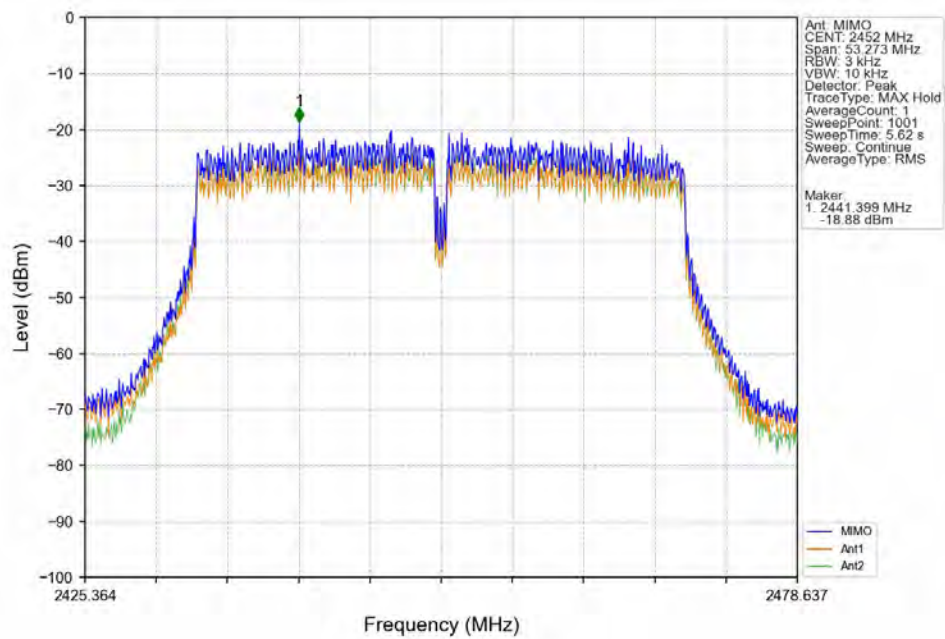
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



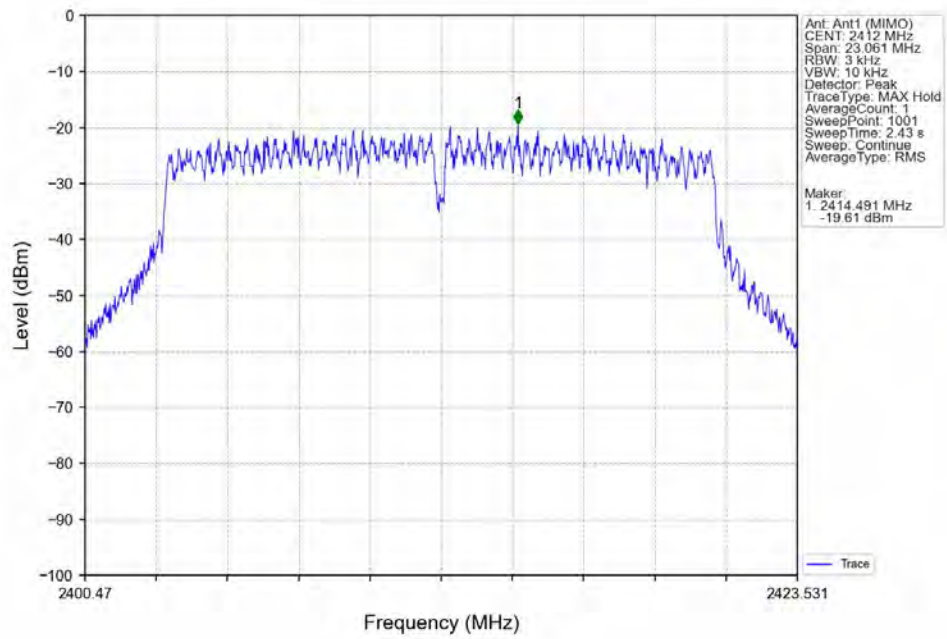
802.11n(HT40) HCH\_2452MHz\_Ant2 (MIMO)\_NTNV



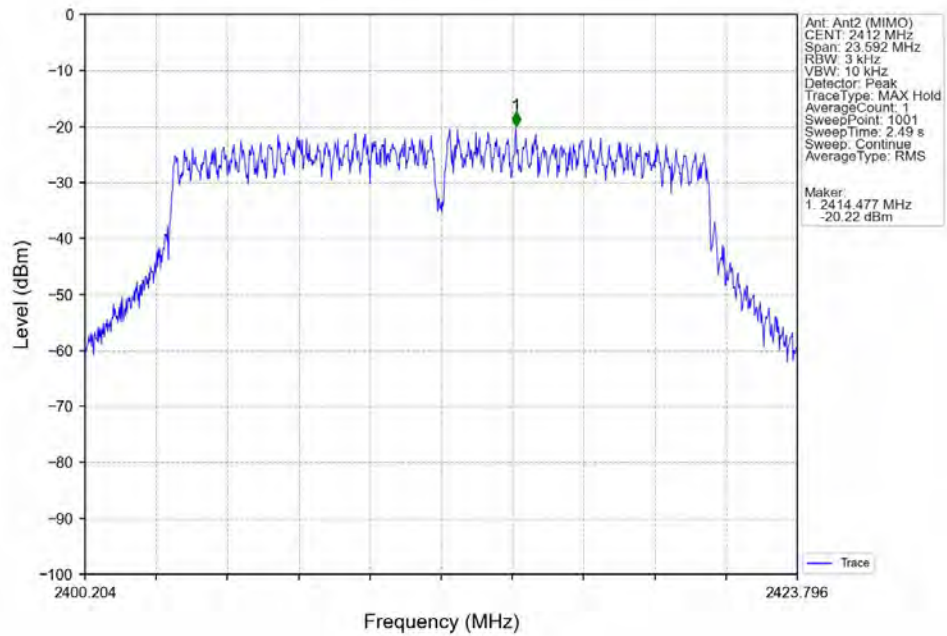
802.11n(HT40) HCH\_2452MHz\_MIMO\_NTNV



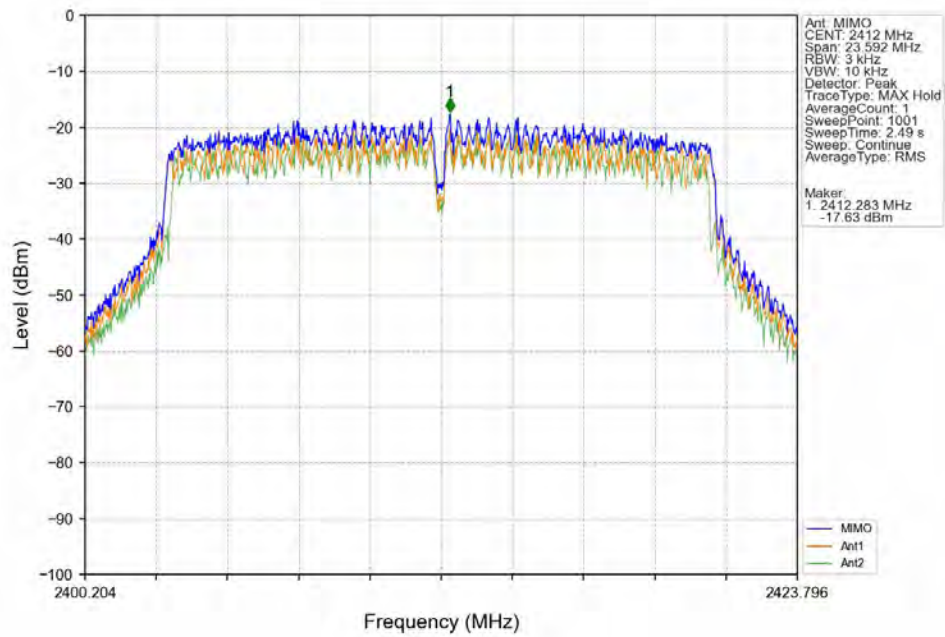
802.11ax(HEW20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



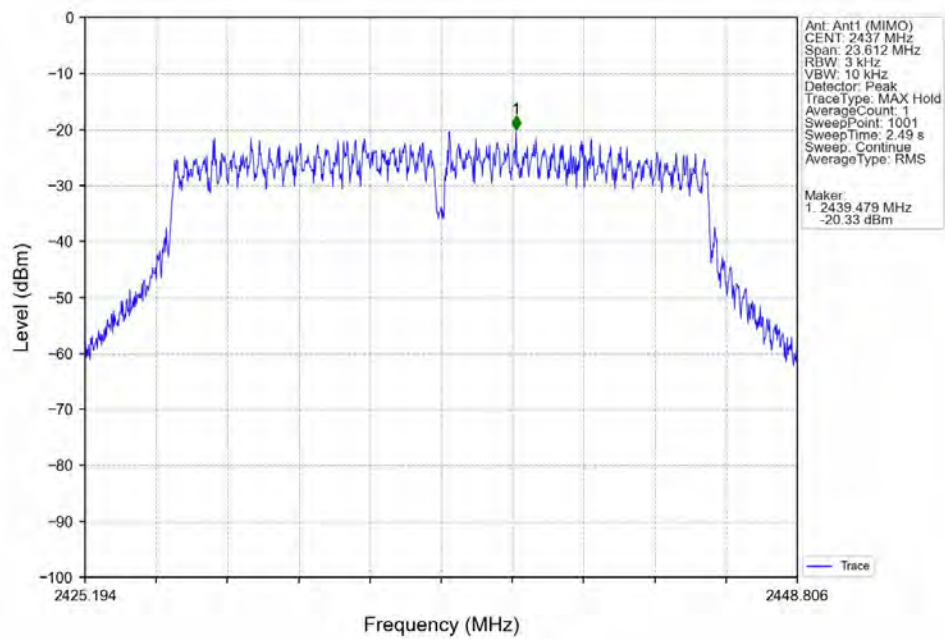
802.11ax(HEW20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



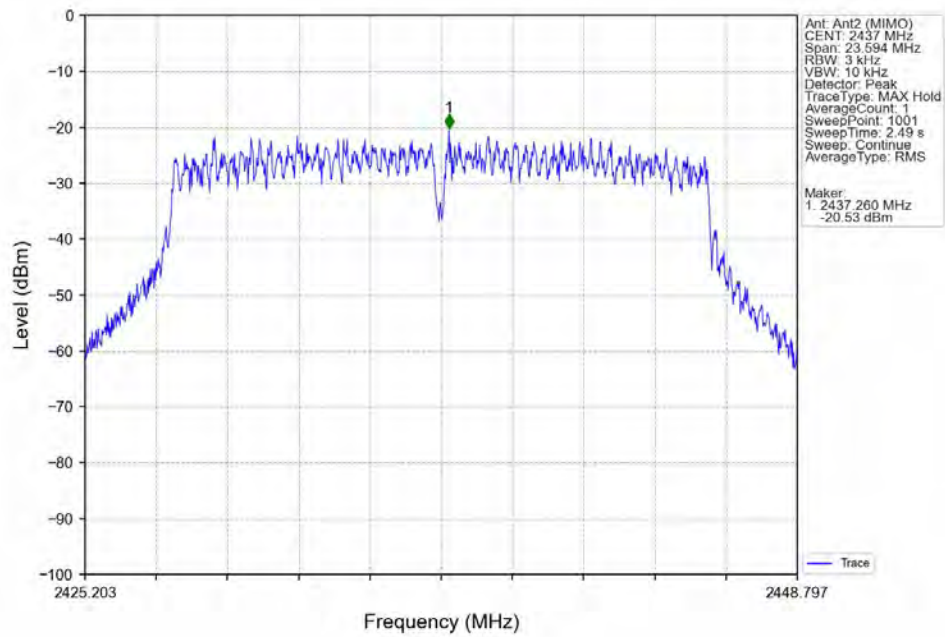
802.11ax(HEW20)\_LCH\_2412MHz\_MIMO\_NTNV



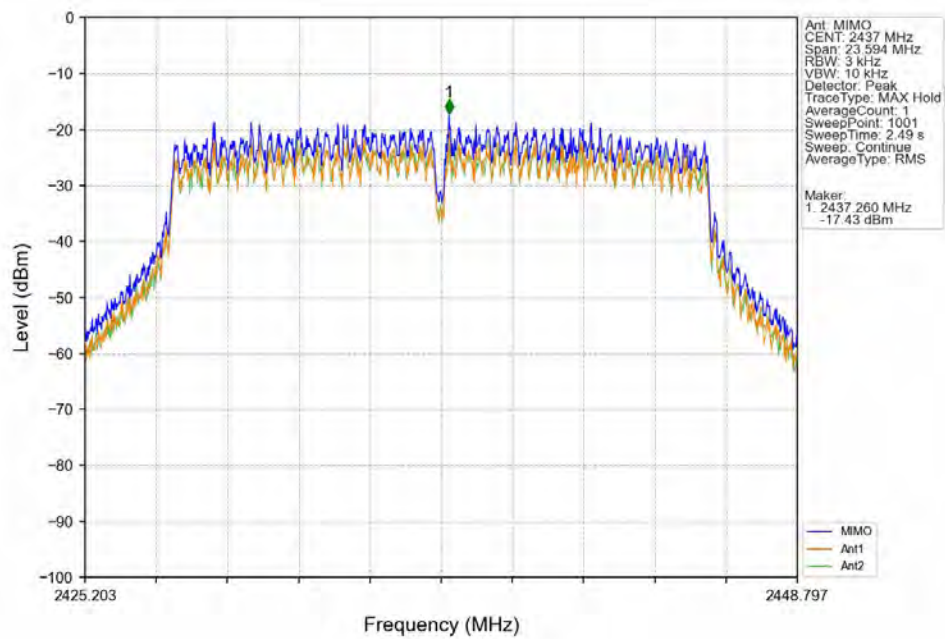
802.11ax(HEW20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



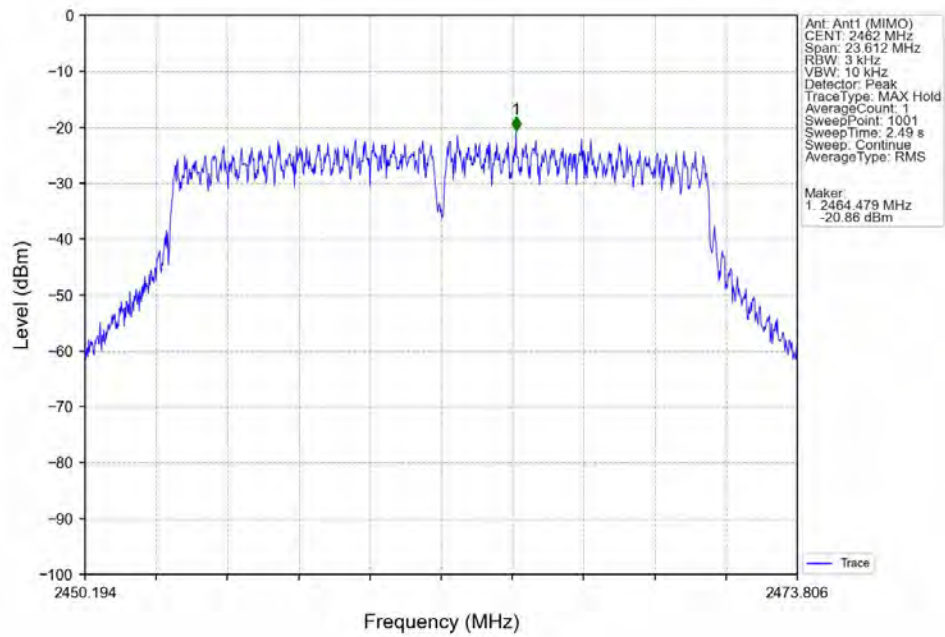
802.11ax(HEW20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



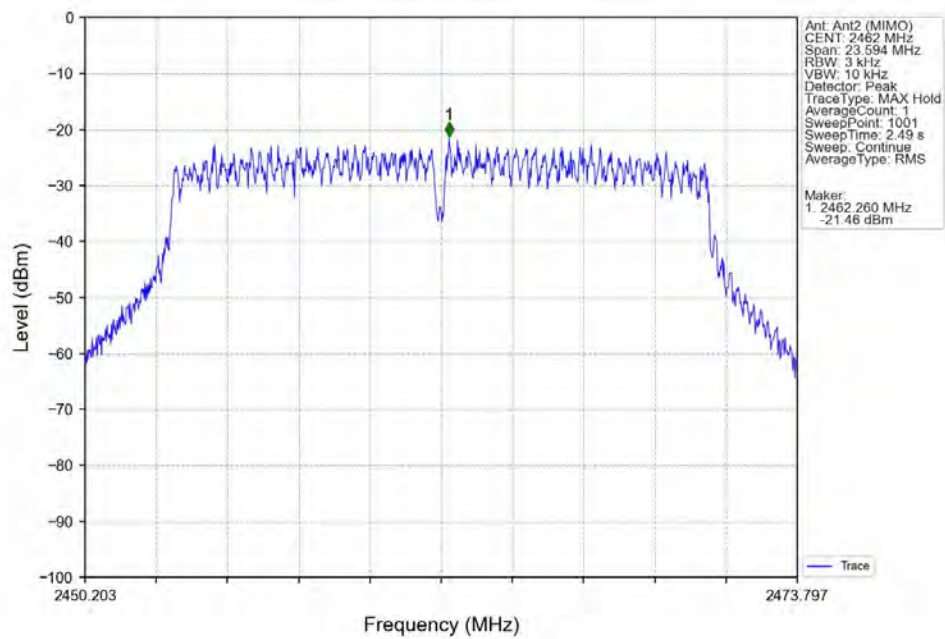
802.11ax(HEW20)\_MCH\_2437MHz\_MIMO\_NTNV



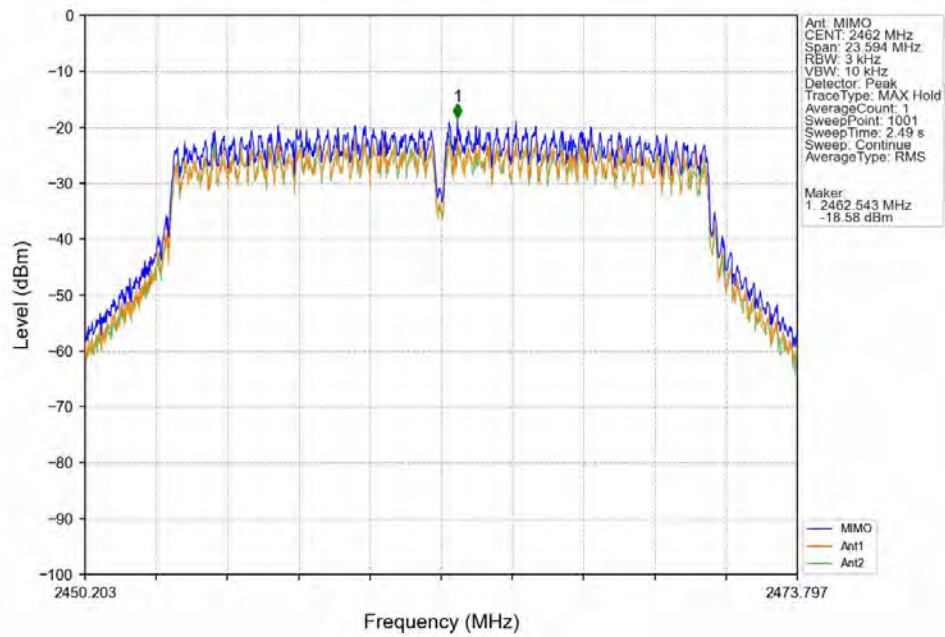
802.11ax(HEW20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



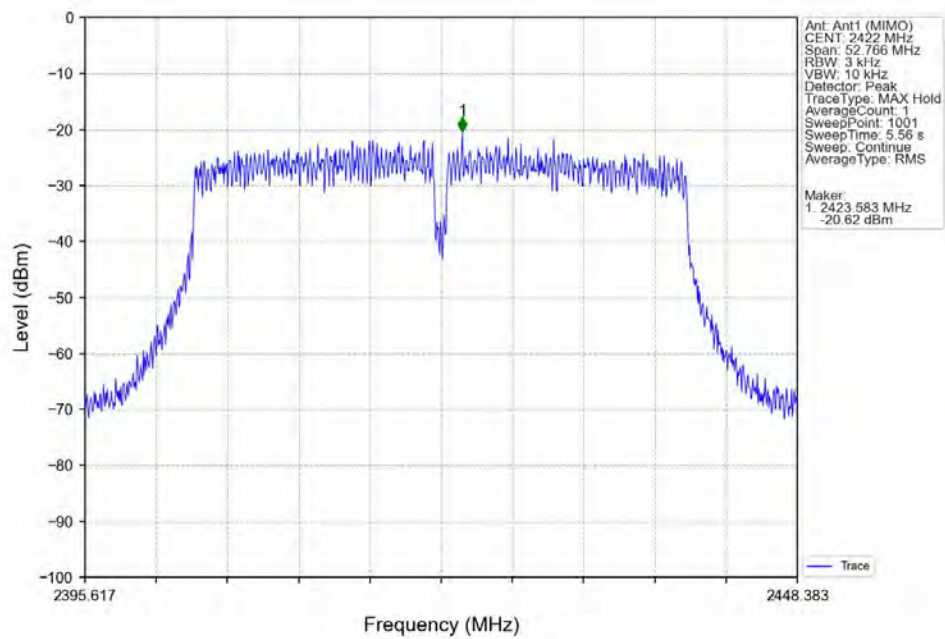
802.11ax(HEW20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



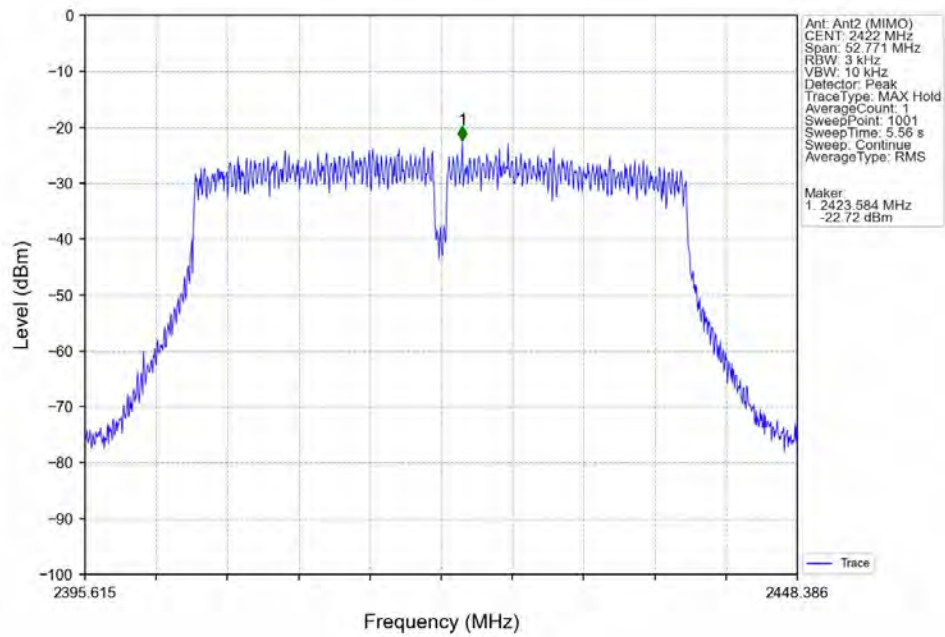
802.11ax(HEW20)\_HCH\_2462MHz\_MIMO\_NTNV



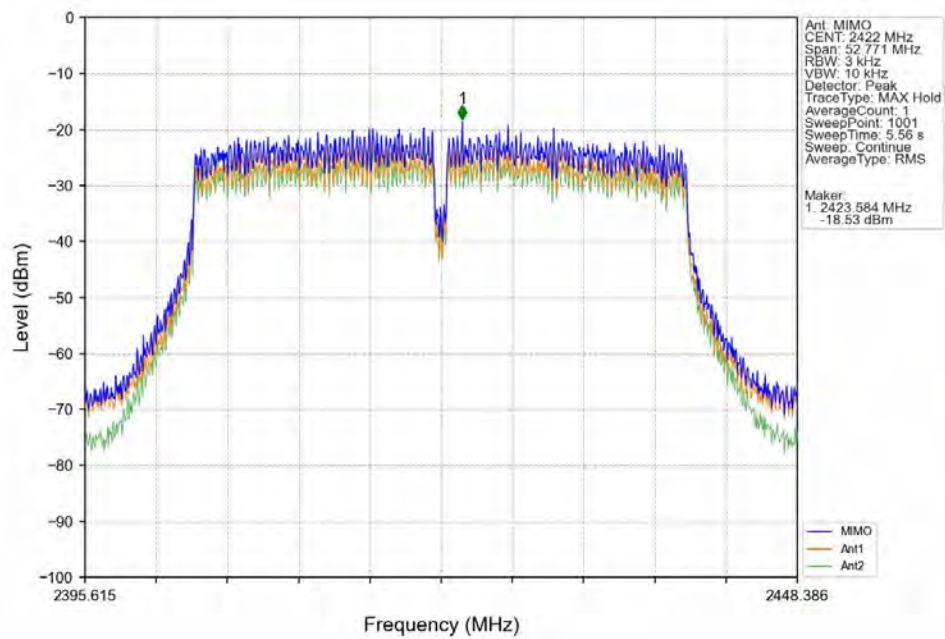
802.11ax(HEW40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



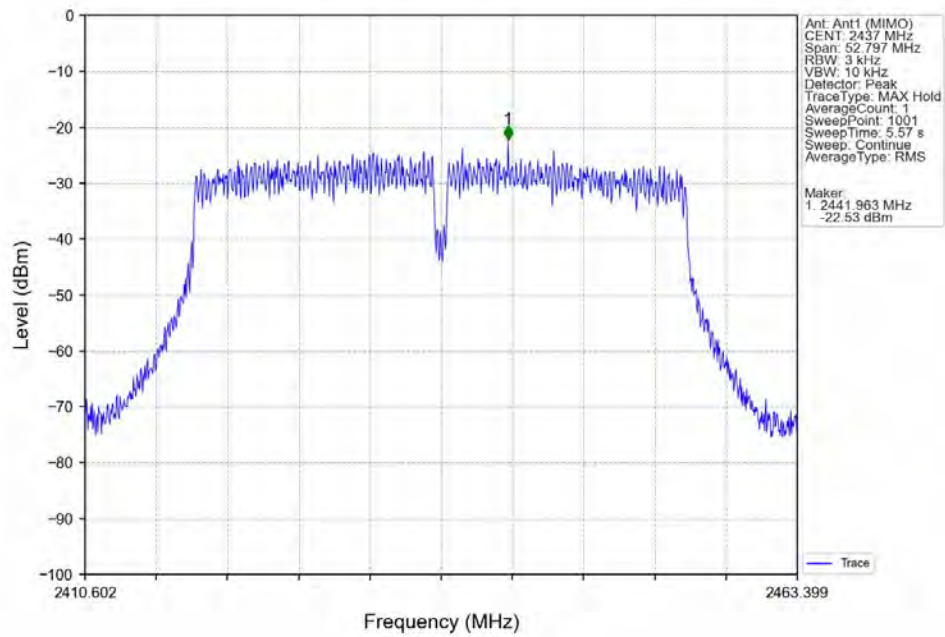
802.11ax(HEW40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



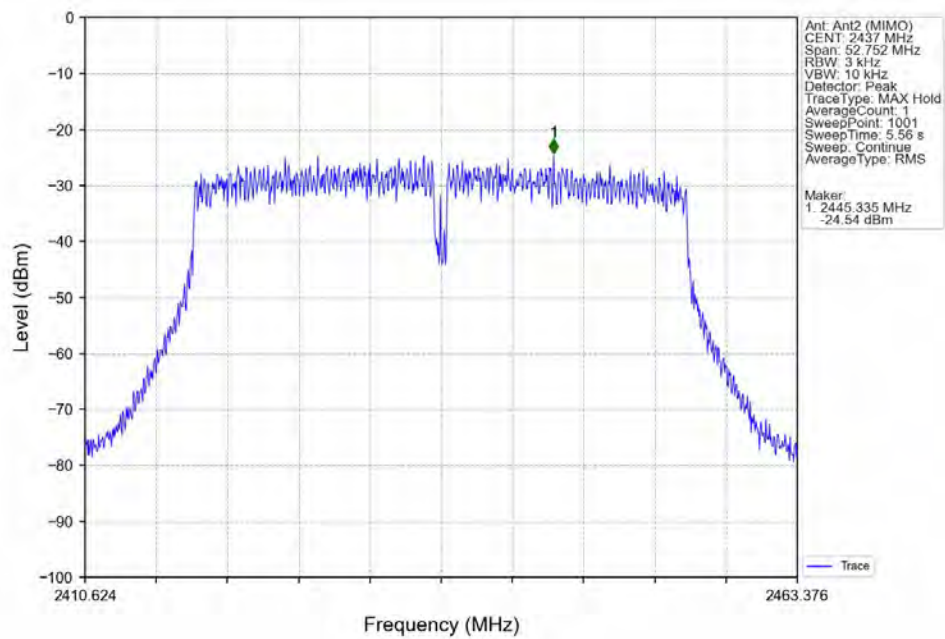
802.11ax(HEW40)\_LCH\_2422MHz\_MIMO\_NTNV



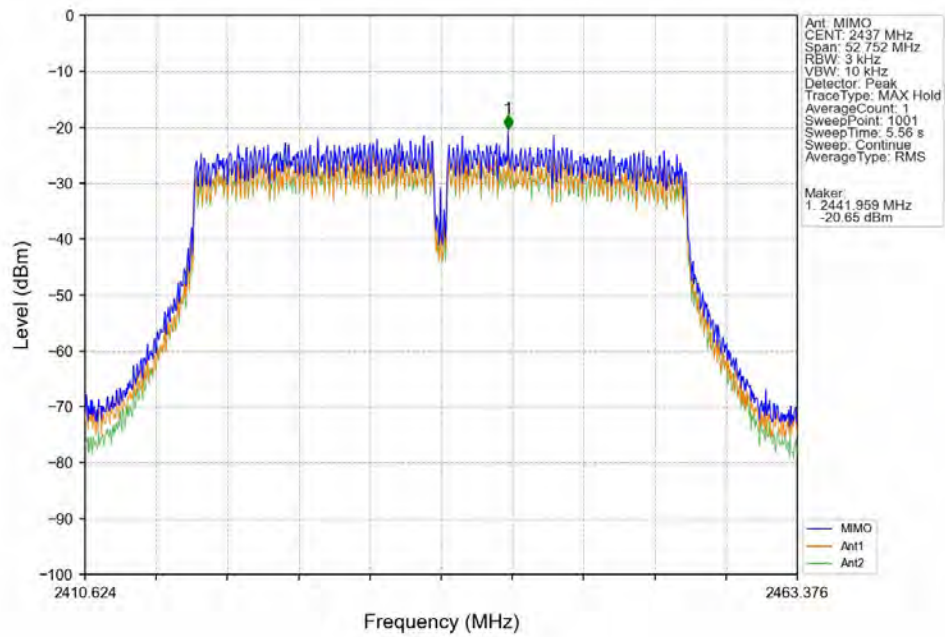
802.11ax(HEW40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



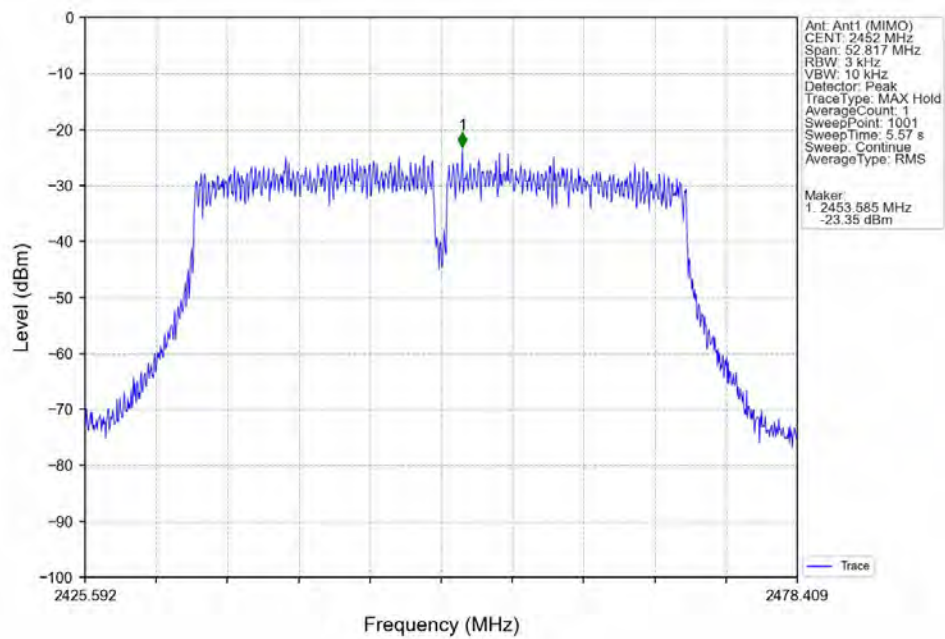
802.11ax(HEW40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



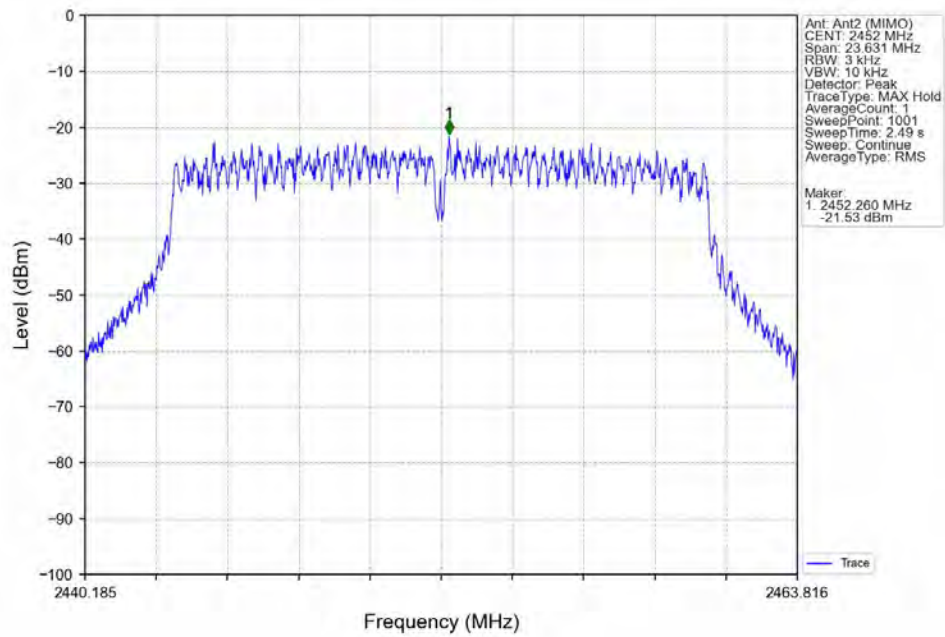
802.11ax(HEW40)\_MCH\_2437MHz\_MIMO\_NTNV



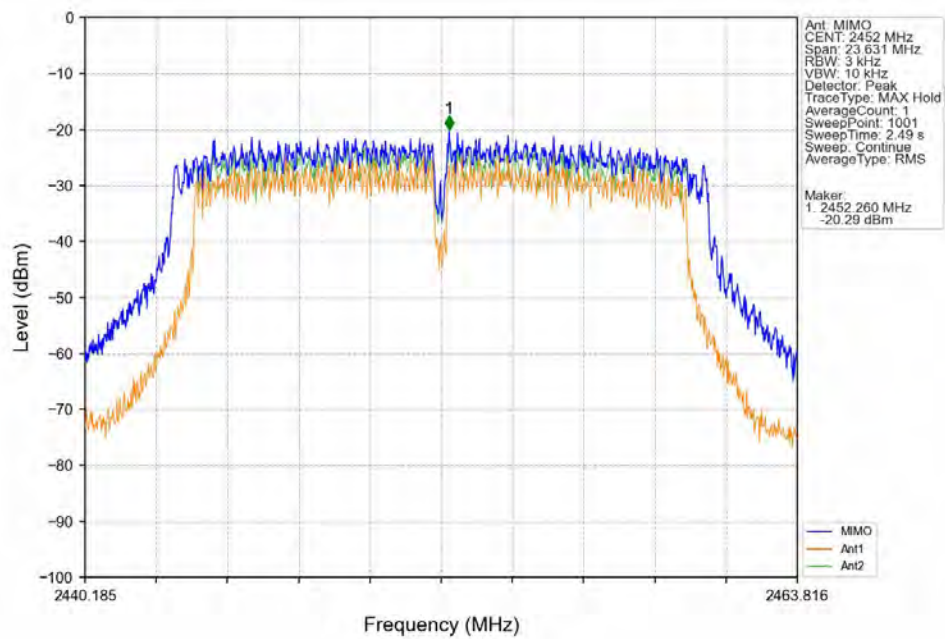
802.11ax(HEW40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_Ant2 (MIMO)\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_MIMO\_NTNV



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

### 5.1 Test Relt

#### 5.1.1 Ref

| Mode                                                                                                                                            | TX Type | Frequency (MHz) | RU    | ANT | Level of Reference (dBm) |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-------|-----|--------------------------|
| 802.11b                                                                                                                                         | SISO    | 2412            | /     | 1   | 1.76                     |
|                                                                                                                                                 |         |                 |       | 2   | 1.04                     |
|                                                                                                                                                 |         | 2437            | /     | 1   | 1.68                     |
|                                                                                                                                                 |         |                 |       | 2   | 1.20                     |
|                                                                                                                                                 |         | 2462            | /     | 1   | 1.44                     |
|                                                                                                                                                 |         |                 |       | 2   | 0.58                     |
| 802.11g                                                                                                                                         | SISO    | 2412            | /     | 1   | -4.92                    |
|                                                                                                                                                 |         |                 |       | 2   | -5.97                    |
|                                                                                                                                                 |         | 2437            | /     | 1   | -4.61                    |
|                                                                                                                                                 |         |                 |       | 2   | -5.48                    |
|                                                                                                                                                 |         | 2462            | /     | 1   | -5.64                    |
|                                                                                                                                                 |         |                 |       | 2   | -6.43                    |
| 802.11n (HT20)                                                                                                                                  | SISO    | 2412            | /     | 1   | -4.72                    |
|                                                                                                                                                 |         |                 |       | 2   | -5.03                    |
|                                                                                                                                                 |         | 2437            | /     | 1   | -6.25                    |
|                                                                                                                                                 |         |                 |       | 2   | -5.70                    |
|                                                                                                                                                 |         | 2462            | /     | 1   | -10.08                   |
|                                                                                                                                                 |         |                 |       | 2   | -9.22                    |
| 802.11n (HT40)                                                                                                                                  | SISO    | 2422            | /     | 1   | -8.66                    |
|                                                                                                                                                 |         |                 |       | 2   | -7.78                    |
|                                                                                                                                                 |         | 2437            | /     | 1   | -9.38                    |
|                                                                                                                                                 |         |                 |       | 2   | -8.40                    |
|                                                                                                                                                 |         | 2452            | /     | 1   | -9.85                    |
|                                                                                                                                                 |         |                 |       | 2   | -8.95                    |
|                                                                                                                                                 |         | 2               | -7.87 |     |                          |
|                                                                                                                                                 |         |                 |       |     |                          |
| 802.11ax (HEW20)                                                                                                                                | SISO    | 2412            | /     | 1   | -5.28                    |
|                                                                                                                                                 |         |                 |       | 2   | -4.22                    |
|                                                                                                                                                 |         | 2437            | /     | 1   | -6.37                    |
|                                                                                                                                                 |         |                 |       | 2   | -5.87                    |
|                                                                                                                                                 |         | 2462            | /     | 1   | -6.78                    |
|                                                                                                                                                 |         |                 |       | 2   | -6.57                    |
| 802.11ax (HEW40)                                                                                                                                | SISO    | 2422            | /     | 1   | -8.02                    |
|                                                                                                                                                 |         |                 |       | 2   | -8.14                    |
|                                                                                                                                                 |         | 2437            | /     | 1   | -9.01                    |
|                                                                                                                                                 |         |                 |       | 2   | -9.27                    |
|                                                                                                                                                 |         | 2452            | /     | 1   | -9.34                    |
|                                                                                                                                                 |         |                 |       | 2   | -9.55                    |
| 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. |         |                 |       |     |                          |

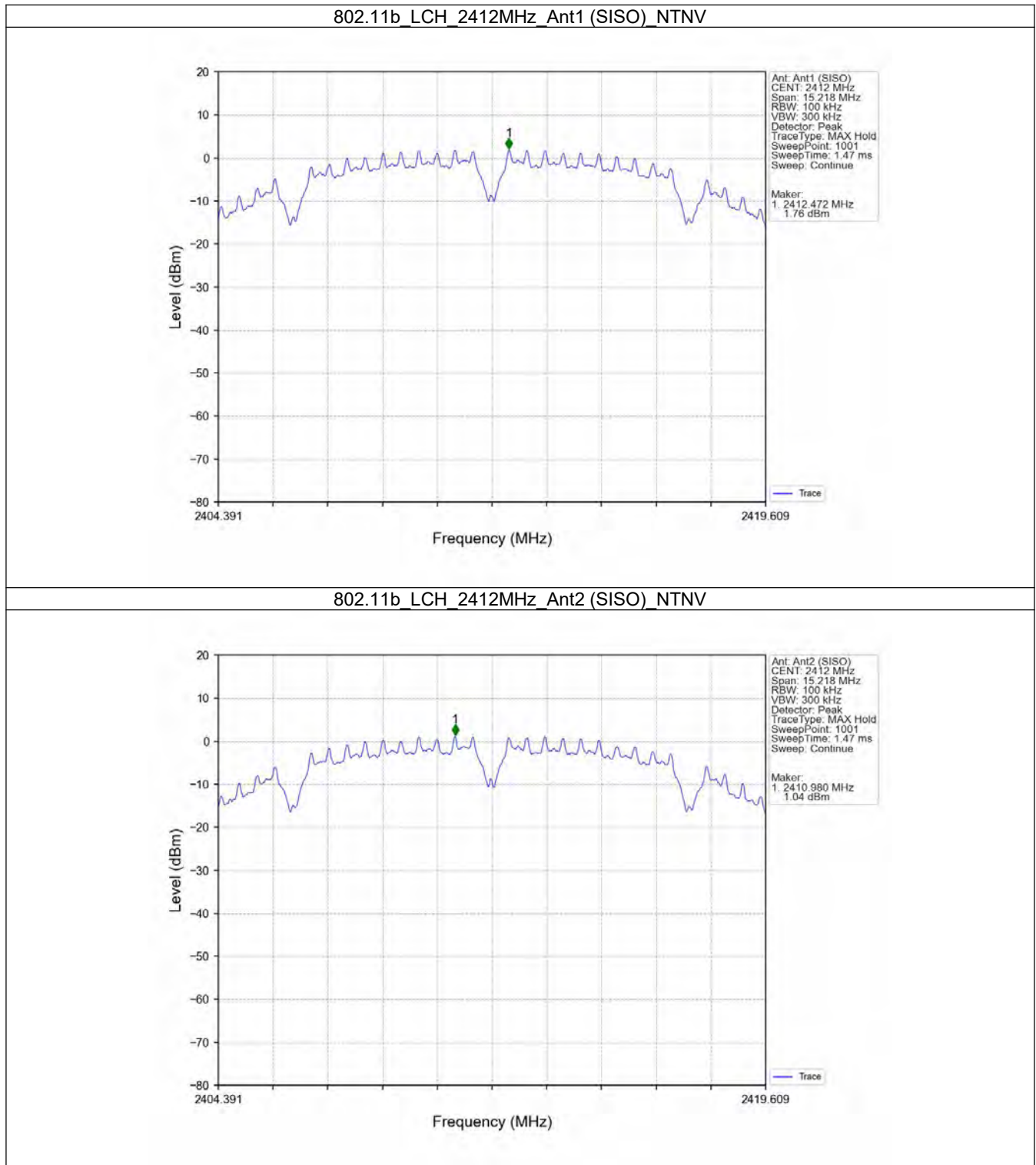
**5.1.2 CSE**

| Mode             | TX Type | Frequency (MHz) | RU | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------------------|---------|-----------------|----|-----|--------------------------|-------------|---------|
| 802.11b          | SISO    | 2412            | /  | 1   | 1.76                     | -18.24      | Pass    |
|                  |         |                 |    | 2   | 1.04                     | -18.96      | Pass    |
|                  |         | 2437            | /  | 1   | 1.68                     | -18.32      | Pass    |
|                  |         |                 |    | 2   | 1.20                     | -18.80      | Pass    |
|                  |         | 2462            | /  | 1   | 1.44                     | -18.56      | Pass    |
|                  |         |                 |    | 2   | 0.58                     | -19.42      | Pass    |
| 802.11g          | SISO    | 2412            | /  | 1   | -4.92                    | -24.92      | Pass    |
|                  |         |                 |    | 2   | -5.97                    | -25.97      | Pass    |
|                  |         | 2437            | /  | 1   | -4.61                    | -24.61      | Pass    |
|                  |         |                 |    | 2   | -5.48                    | -25.48      | Pass    |
|                  |         | 2462            | /  | 1   | -5.64                    | -25.64      | Pass    |
|                  |         |                 |    | 2   | -6.43                    | -26.43      | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /  | 1   | -4.72                    | -24.72      | Pass    |
|                  |         |                 |    | 2   | -5.03                    | -25.03      | Pass    |
|                  |         | 2437            | /  | 1   | -6.25                    | -26.25      | Pass    |
|                  |         |                 |    | 2   | -5.70                    | -25.70      | Pass    |
|                  |         | 2462            | /  | 1   | -10.08                   | -30.08      | Pass    |
|                  |         |                 |    | 2   | -9.22                    | -29.22      | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /  | 1   | -8.66                    | -28.66      | Pass    |
|                  |         |                 |    | 2   | -7.78                    | -27.78      | Pass    |
|                  |         | 2437            | /  | 1   | -9.38                    | -29.38      | Pass    |
|                  |         |                 |    | 2   | -8.40                    | -28.40      | Pass    |
|                  |         | 2452            | /  | 1   | -9.85                    | -29.85      | Pass    |
|                  |         |                 |    | 2   | -8.95                    | -28.95      | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | /  | 1   | -5.28                    | -25.28      | Pass    |
|                  |         |                 |    | 2   | -4.22                    | -24.22      | Pass    |
|                  |         | 2437            | /  | 1   | -6.37                    | -26.37      | Pass    |
|                  |         |                 |    | 2   | -5.87                    | -25.87      | Pass    |
|                  |         | 2462            | /  | 1   | -6.78                    | -26.78      | Pass    |
|                  |         |                 |    | 2   | -6.57                    | -26.57      | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | /  | 1   | -8.02                    | -28.02      | Pass    |
|                  |         |                 |    | 2   | -8.14                    | -28.14      | Pass    |
|                  |         | 2437            | /  | 1   | -9.01                    | -29.01      | Pass    |
|                  |         |                 |    | 2   | -9.27                    | -29.27      | Pass    |
|                  |         | 2452            | /  | 1   | -9.34                    | -29.34      | Pass    |
|                  |         |                 |    | 2   | -9.55                    | -29.55      | Pass    |
|                  |         |                 |    | 2   | -6.62                    | -26.62      | Pass    |

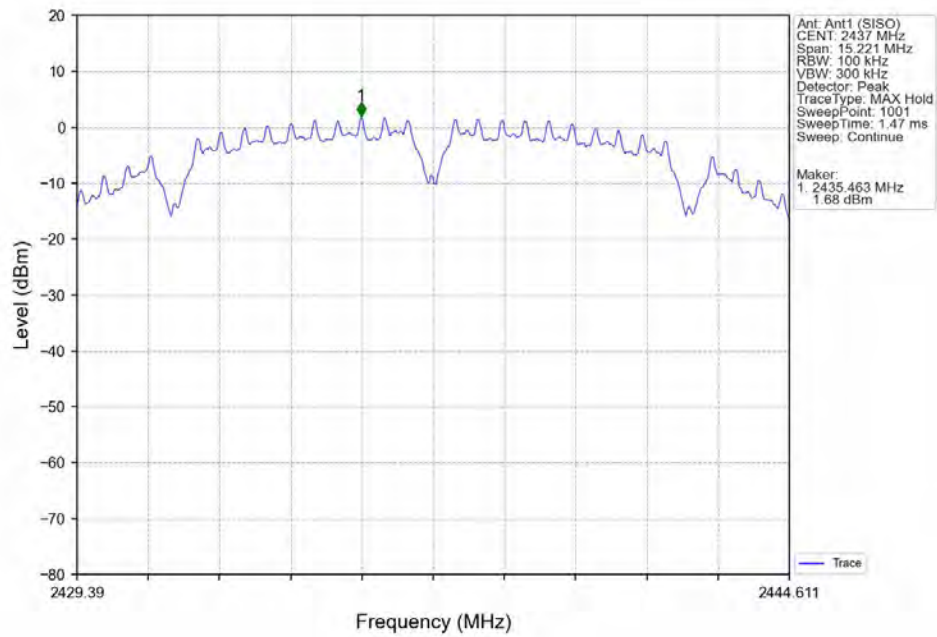
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

## 5.2 Test Graph

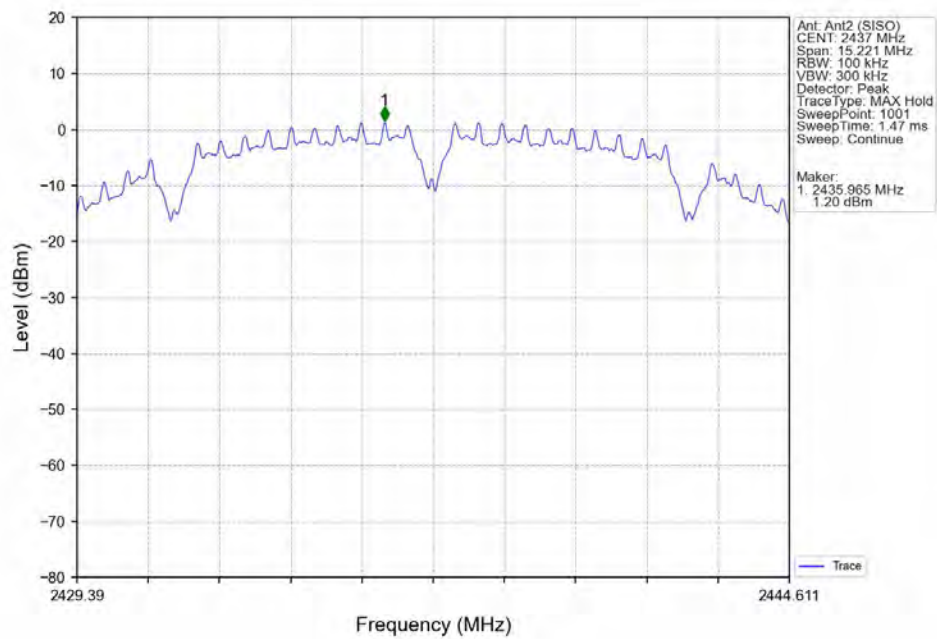
### 5.2.1 Ref



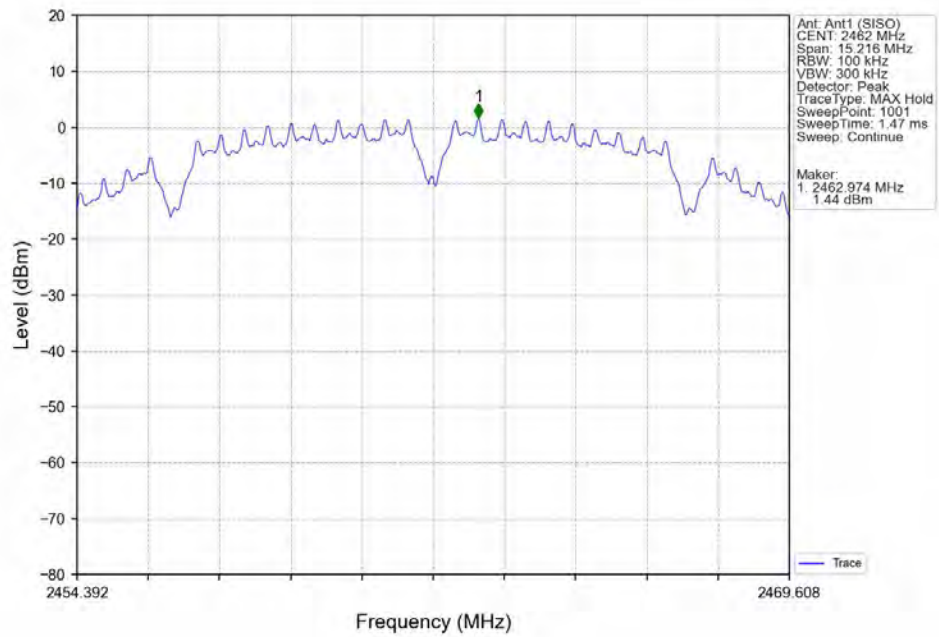
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



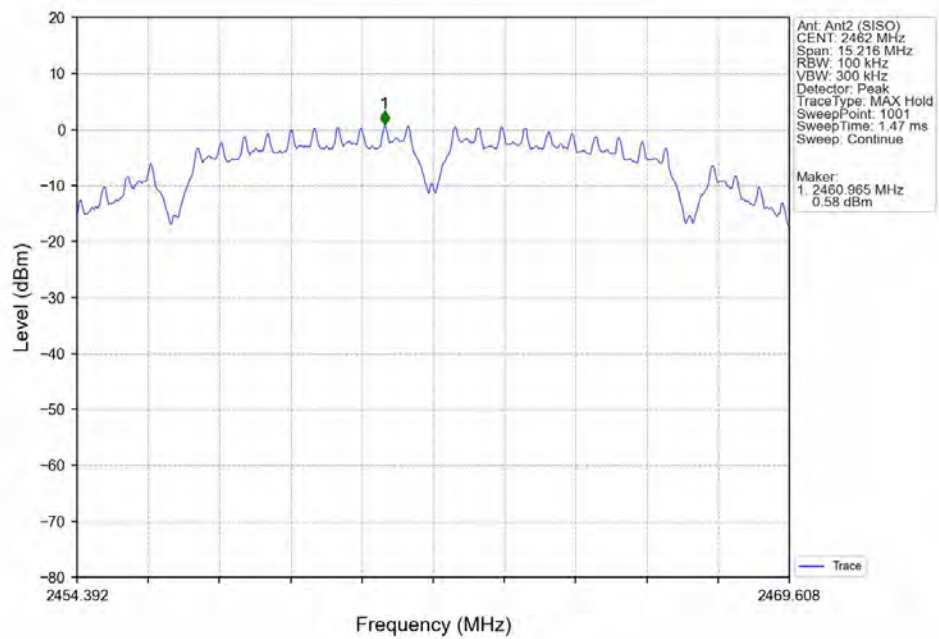
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



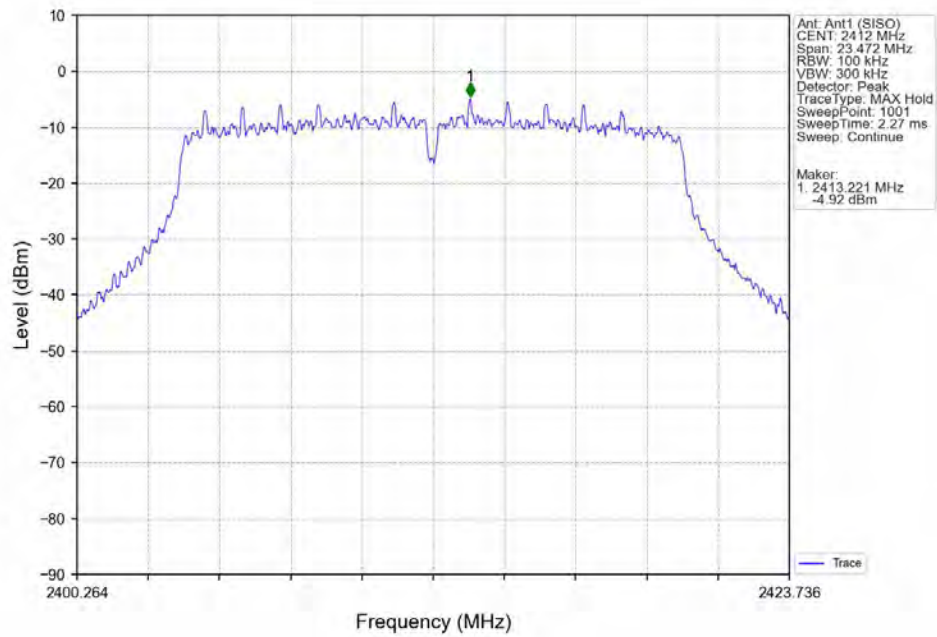
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



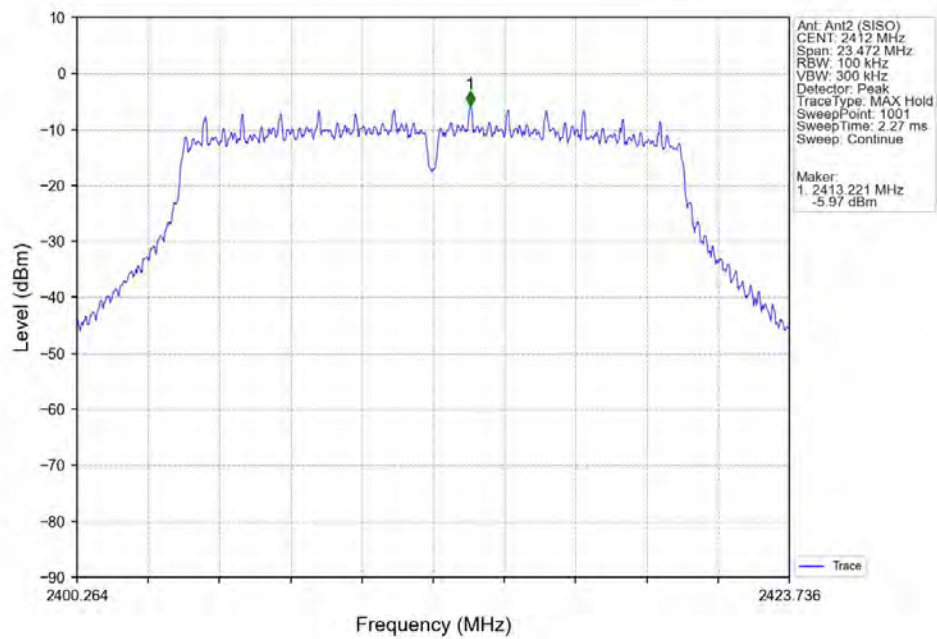
802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



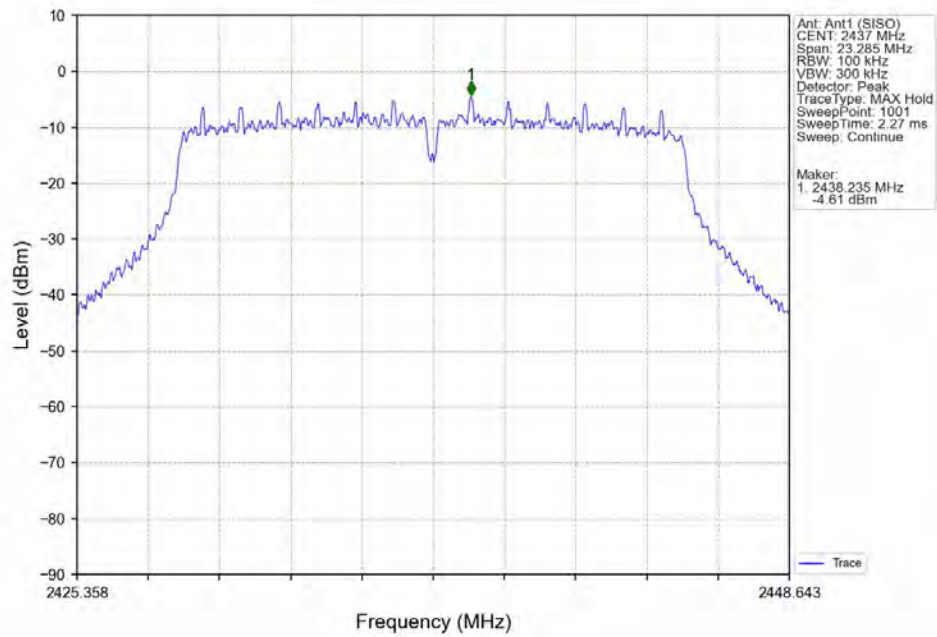
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



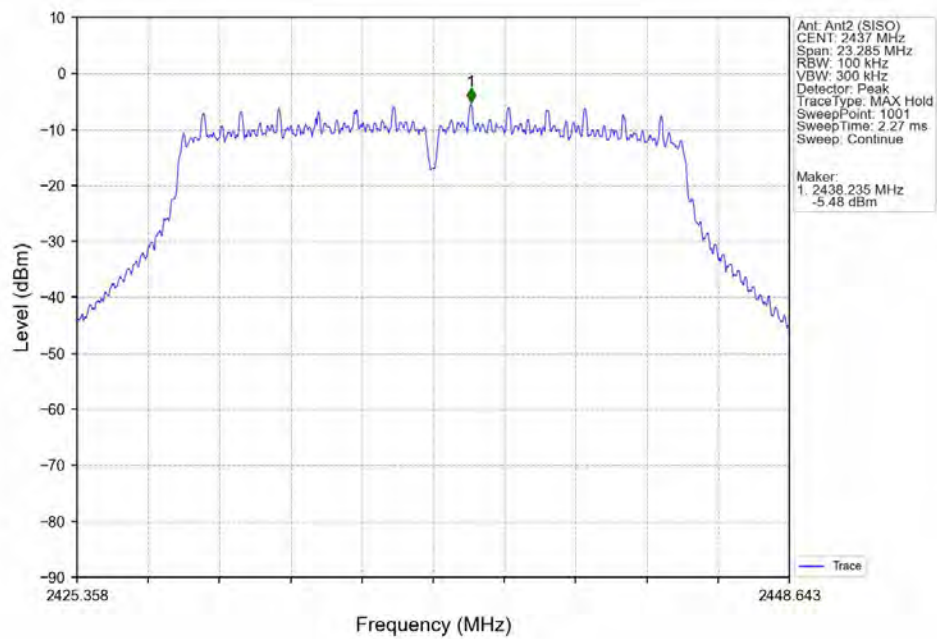
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



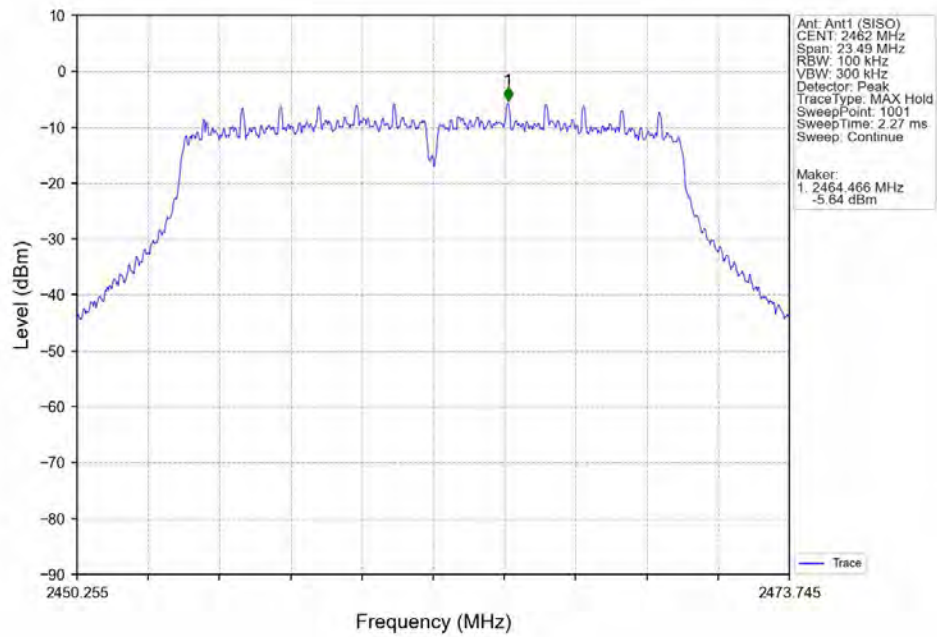
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



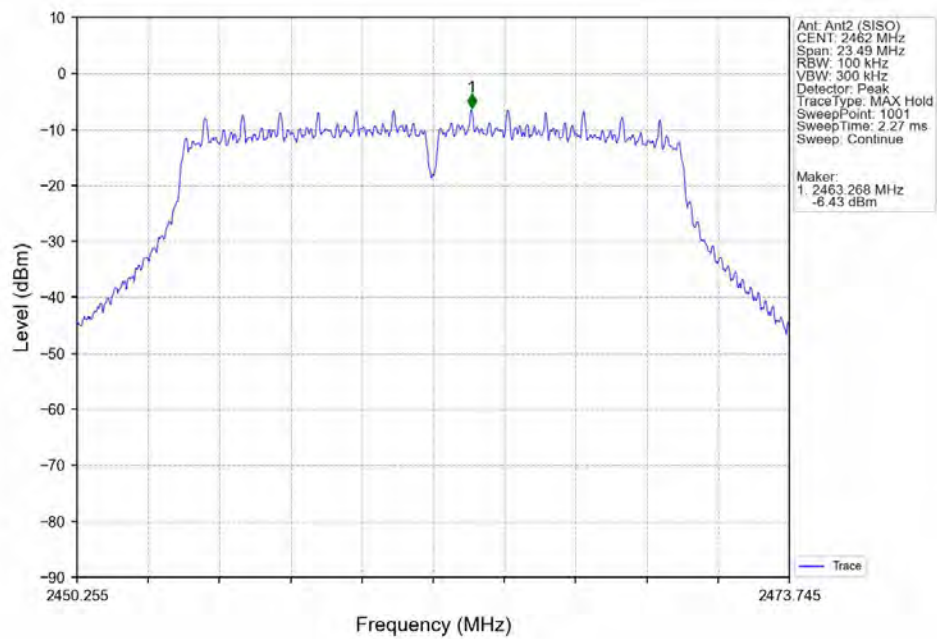
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



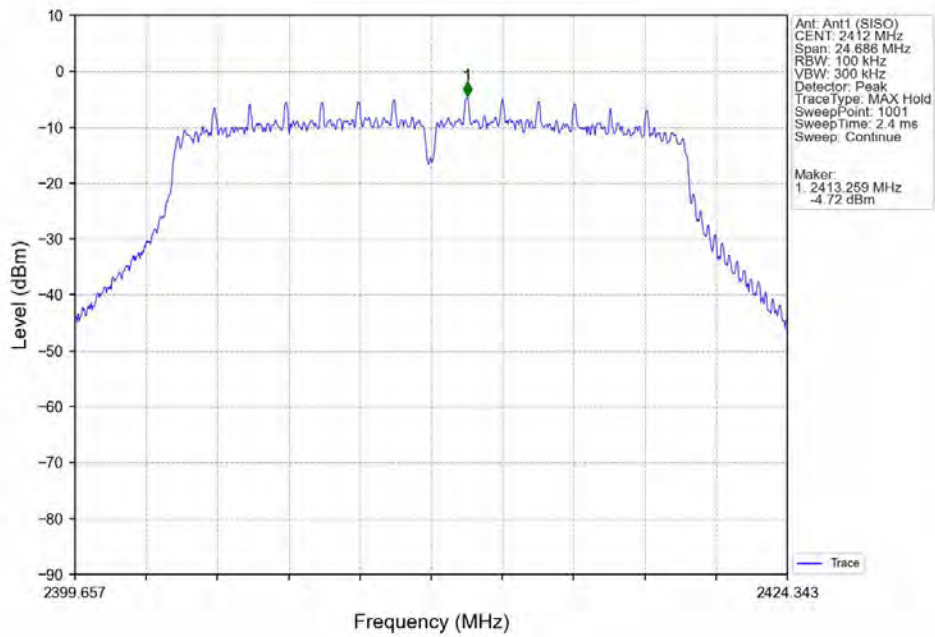
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



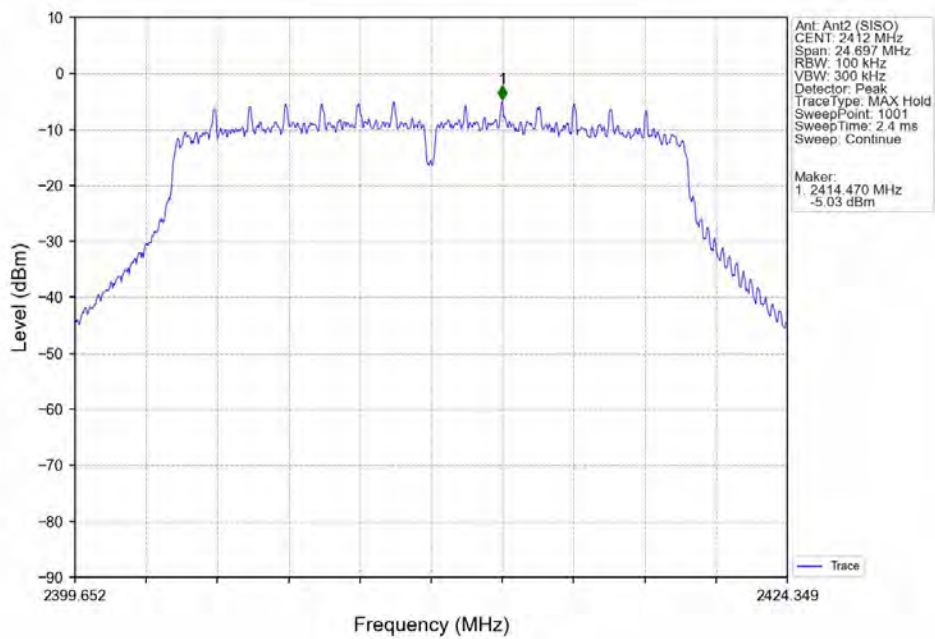
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



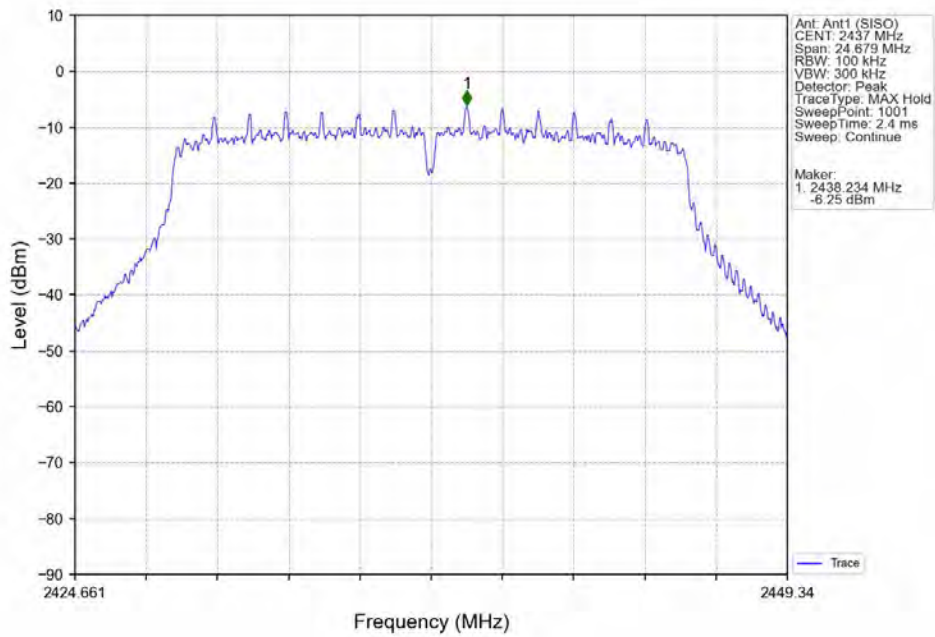
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



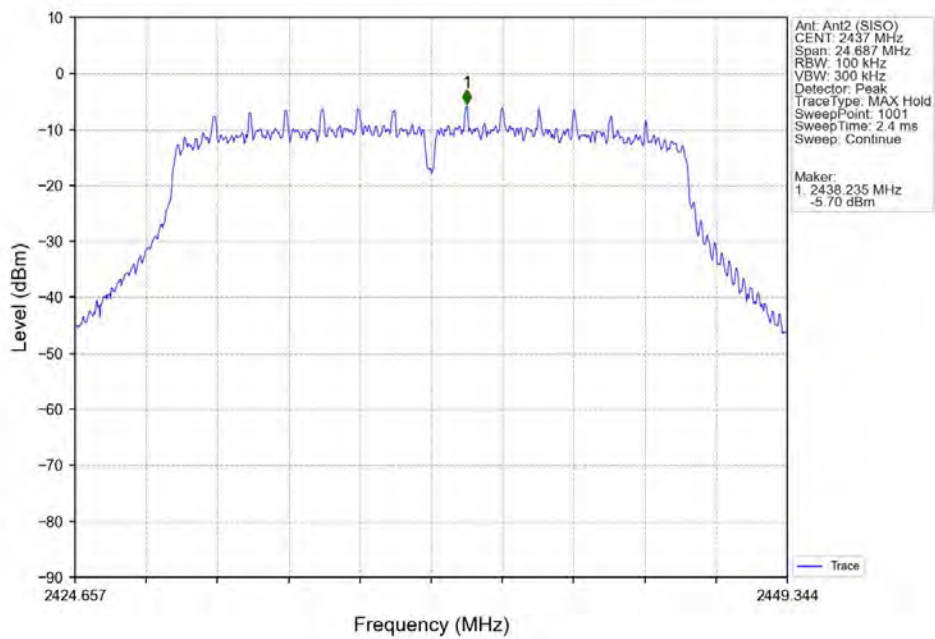
802.11n(HT20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



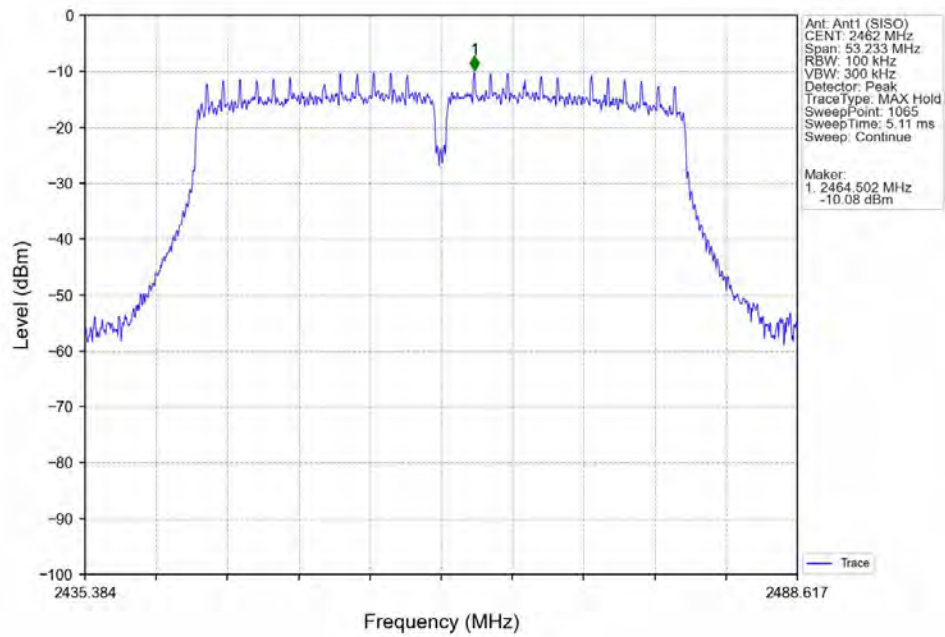
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



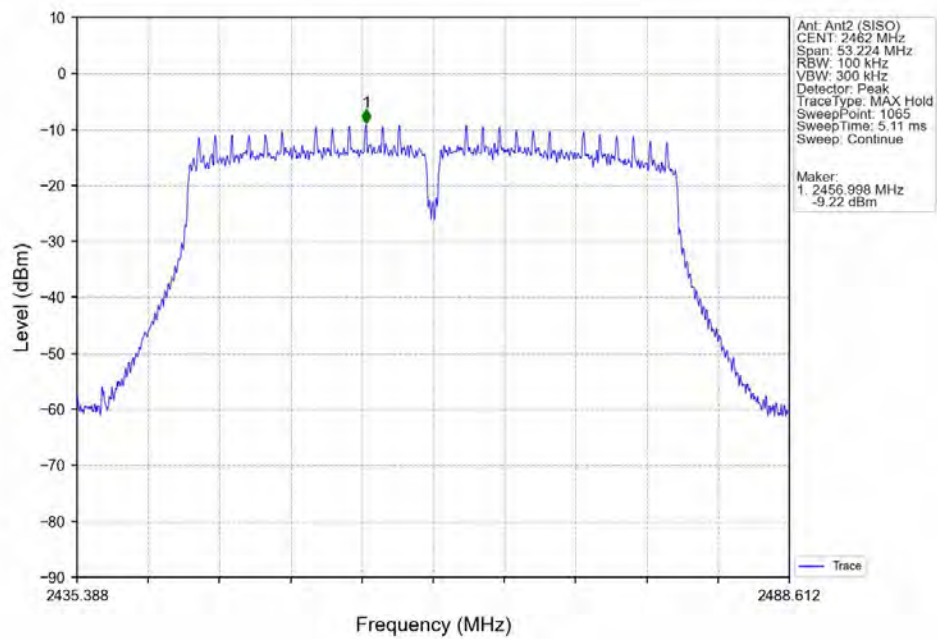
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



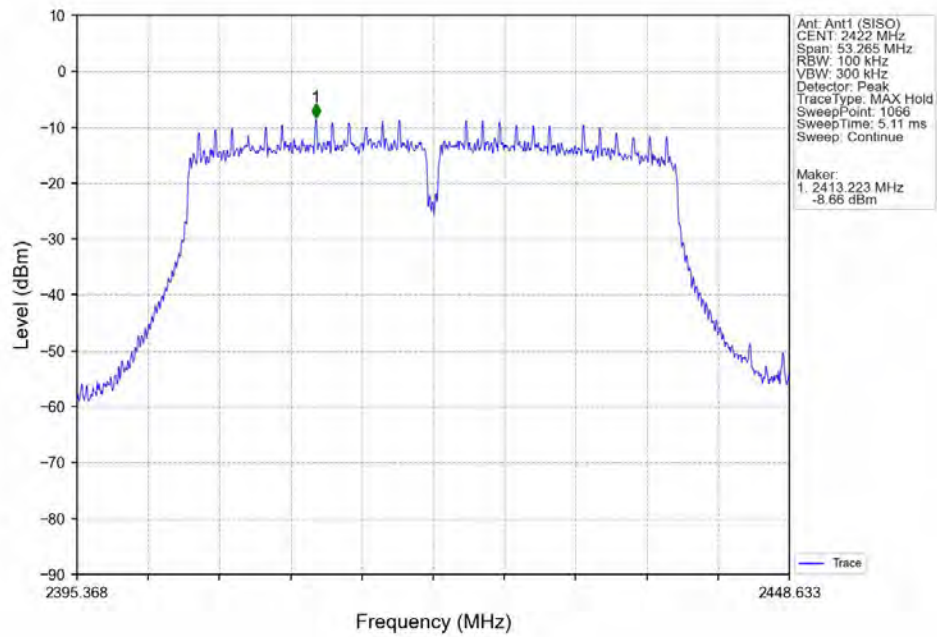
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



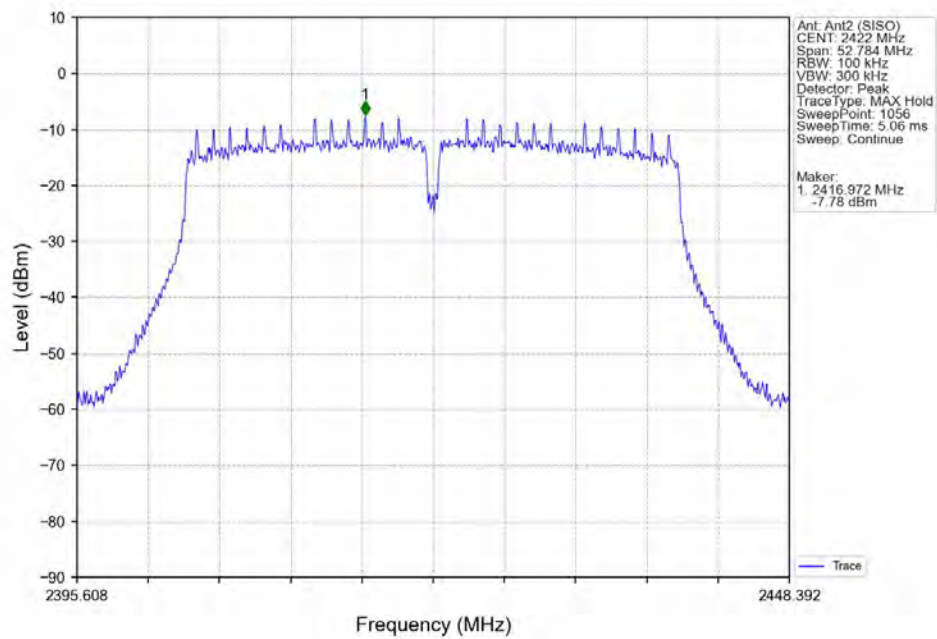
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



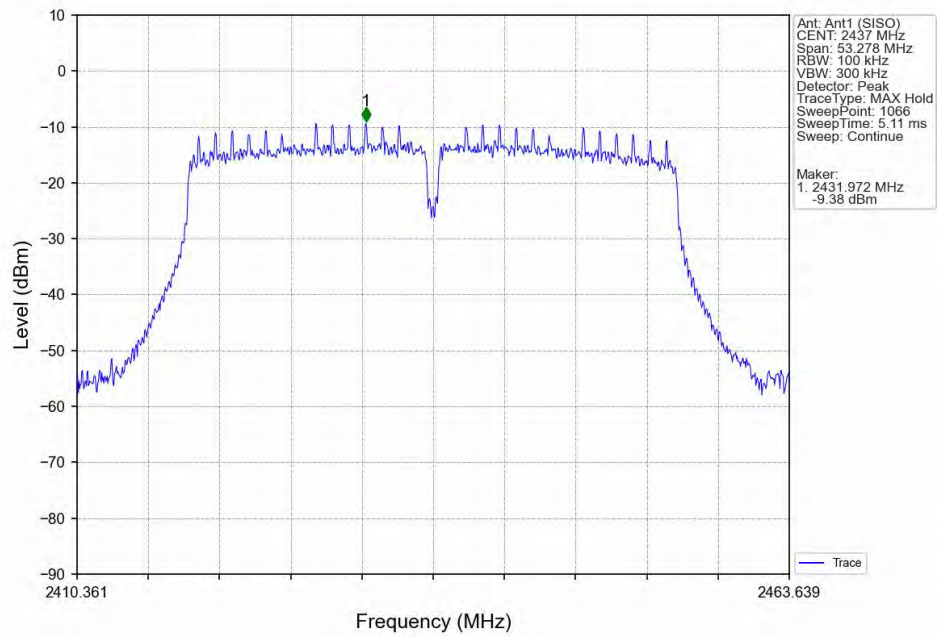
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



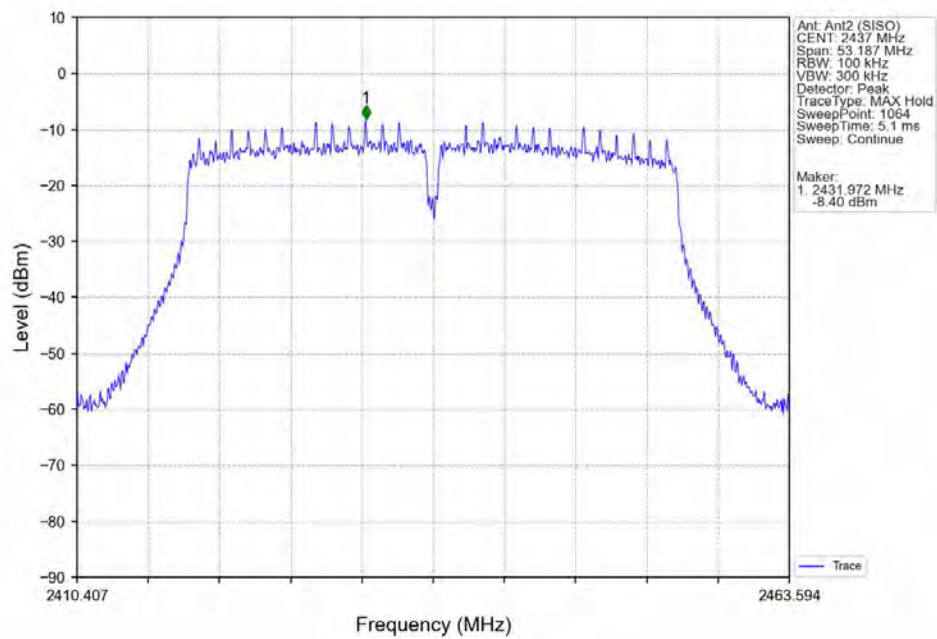
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



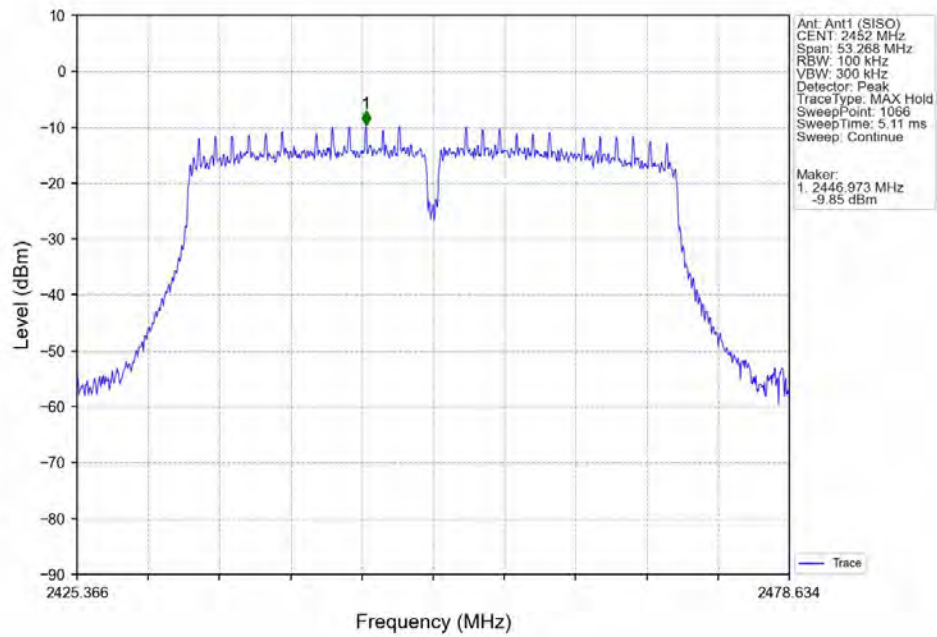
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



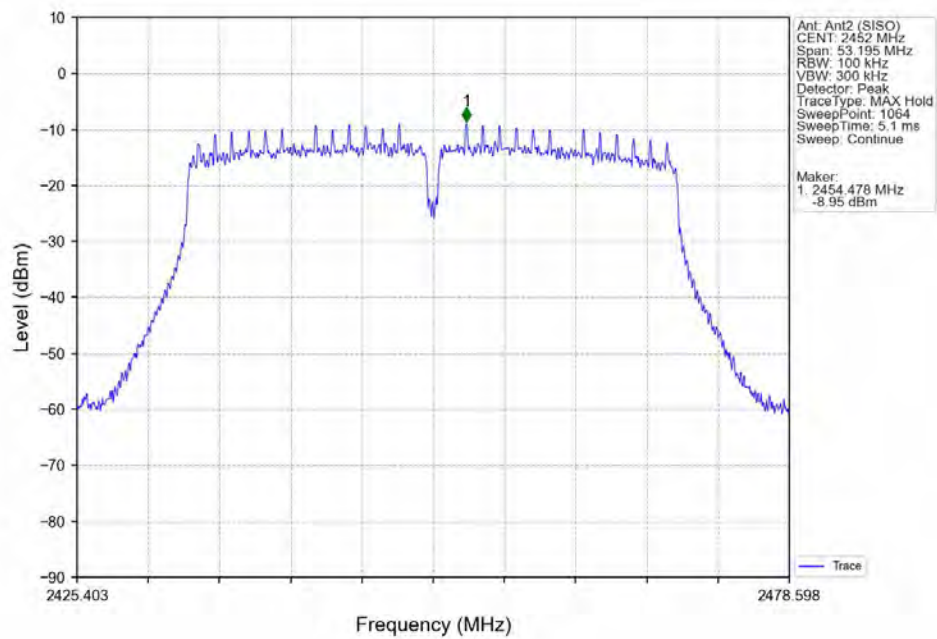
802.11n(HT40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



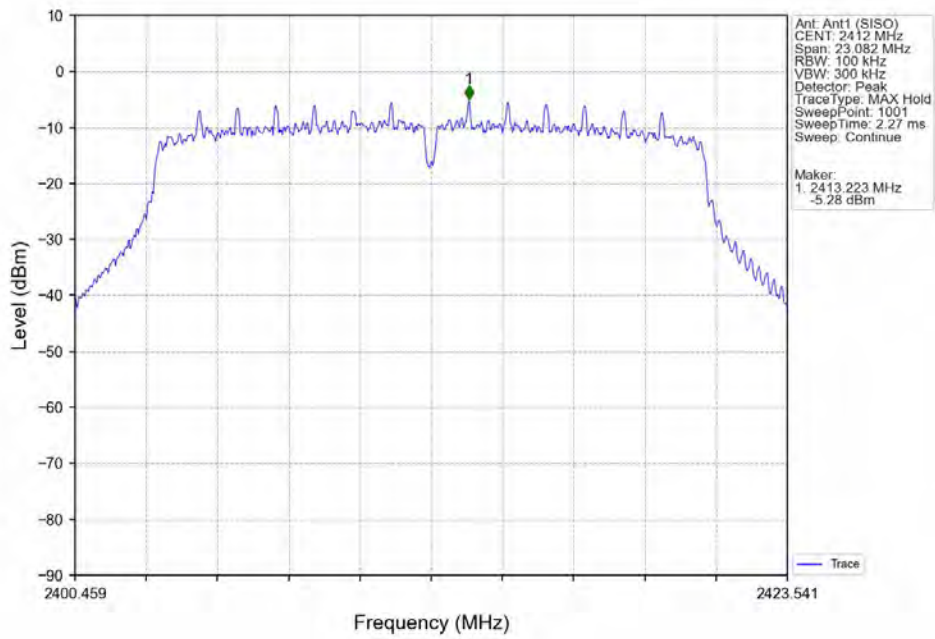
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



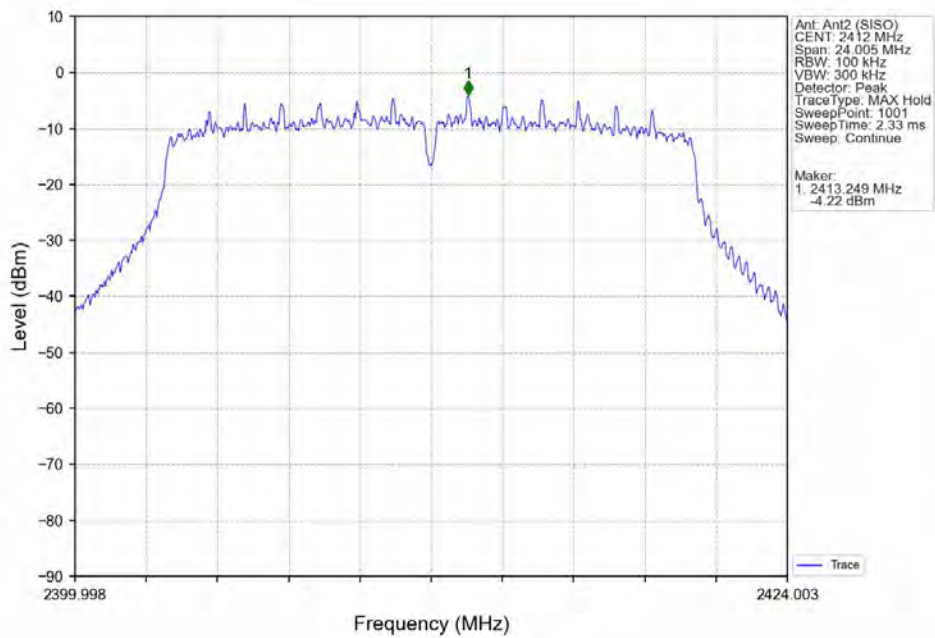
802.11n(HT40)\_HCH\_2452MHz\_Ant2 (SISO)\_NTNV



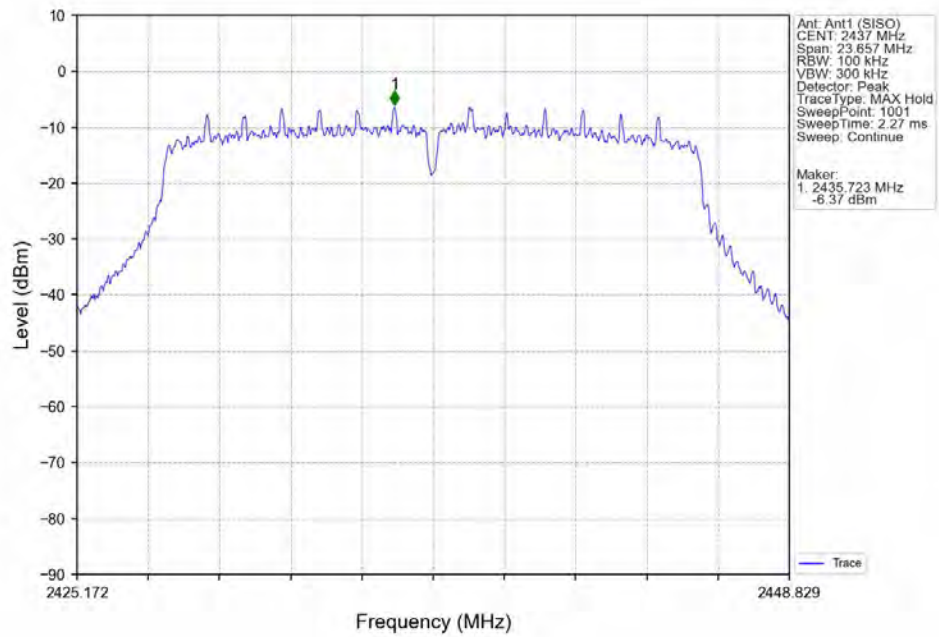
802.11ax(HEW20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



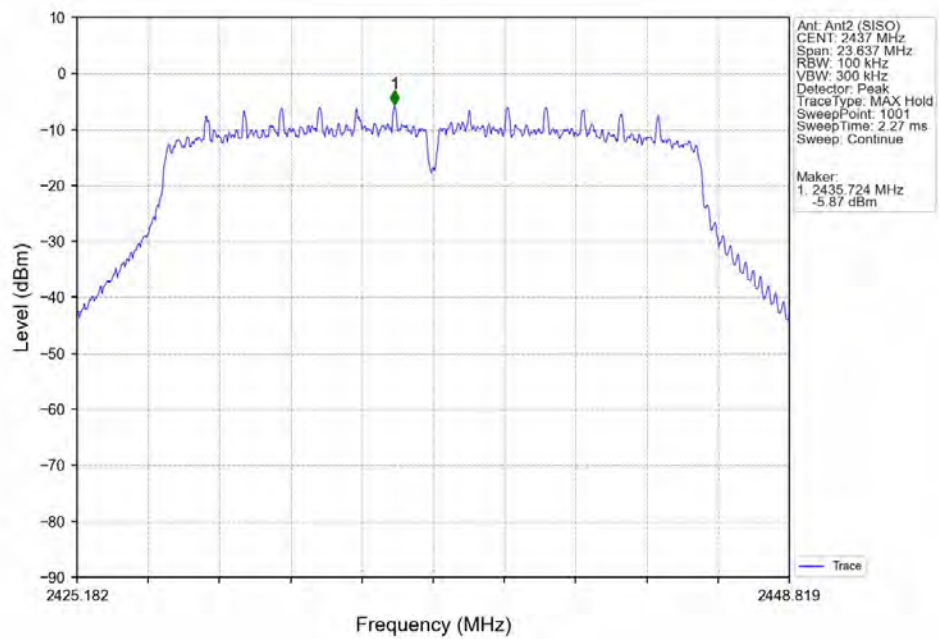
802.11ax(HEW20)\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



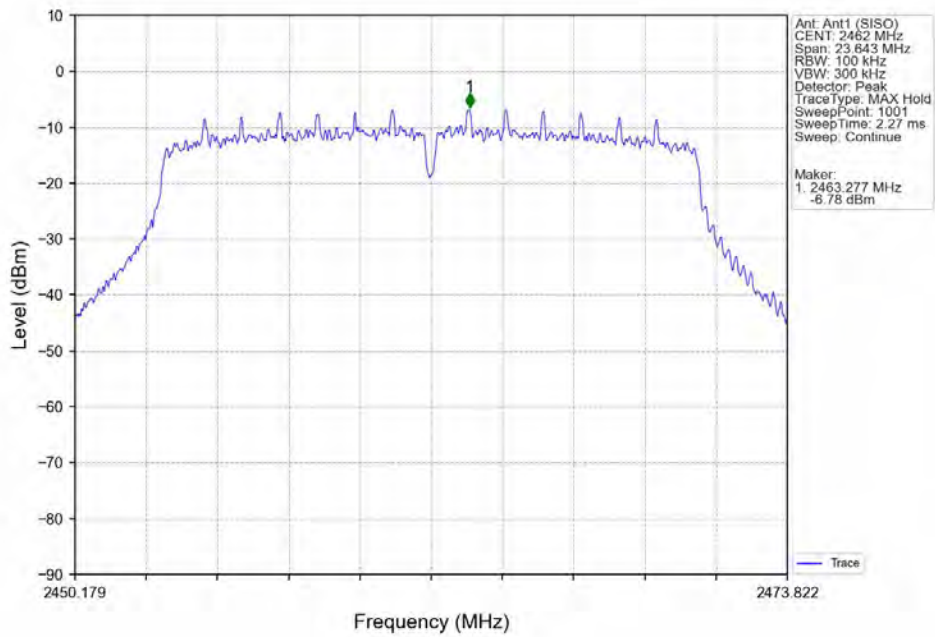
802.11ax(HEW20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



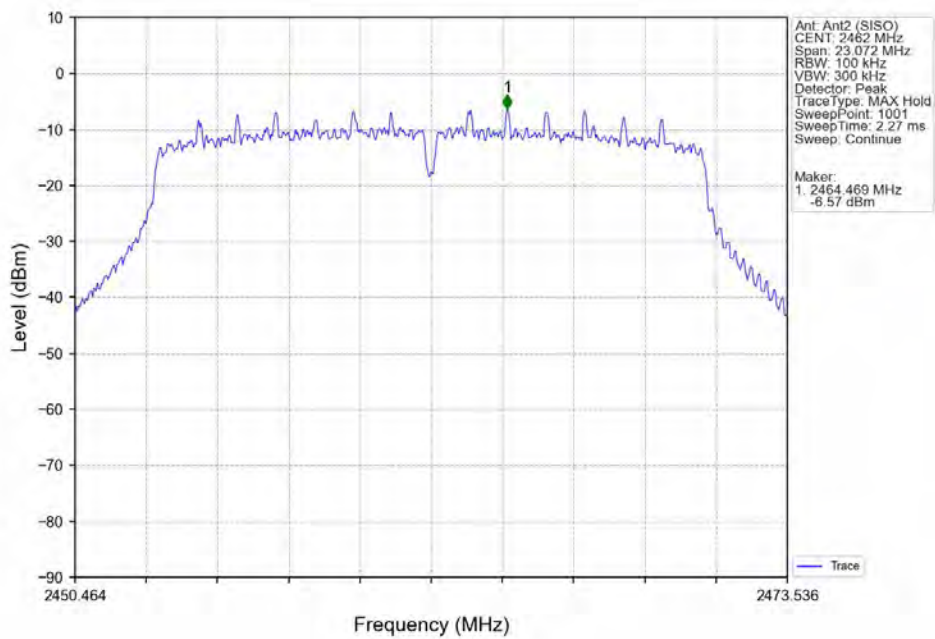
802.11ax(HEW20)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



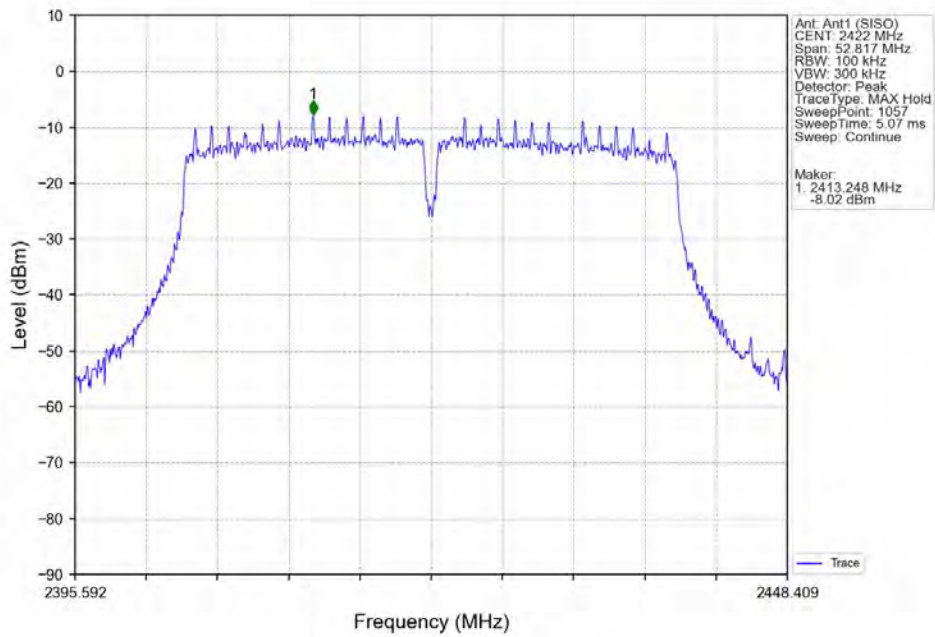
802.11ax(HEW20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



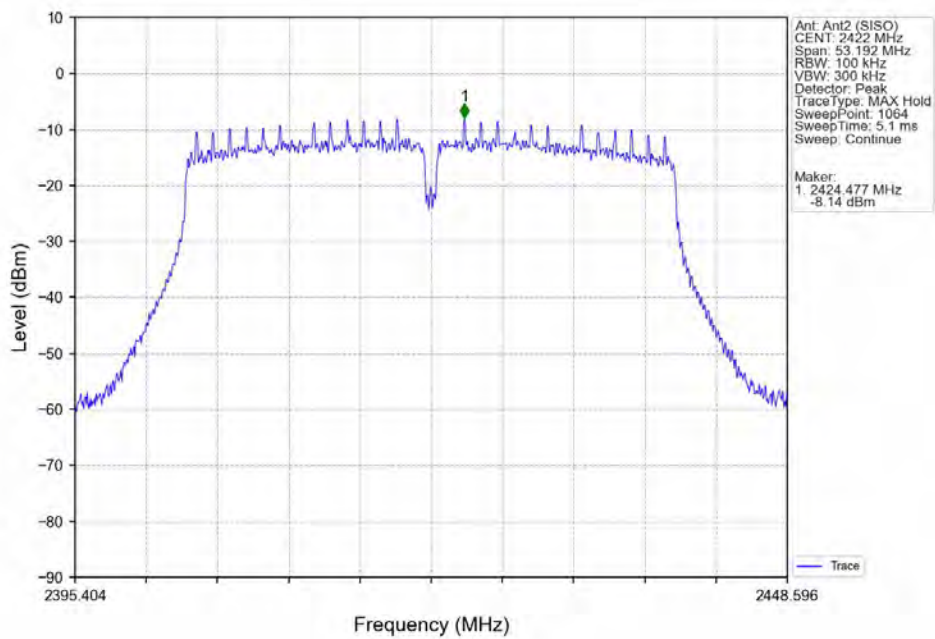
802.11ax(HEW20)\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



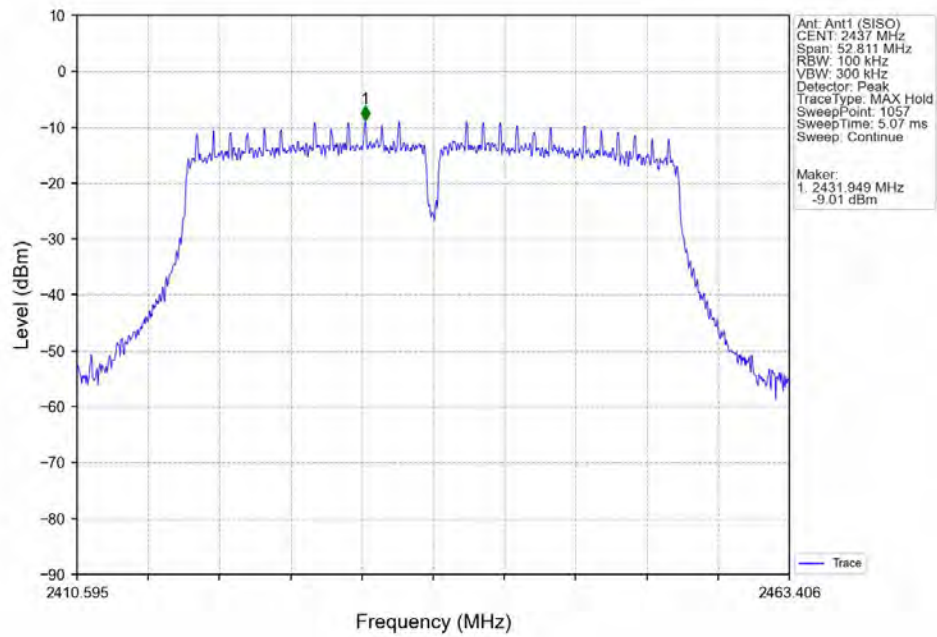
802.11ax(HEW40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



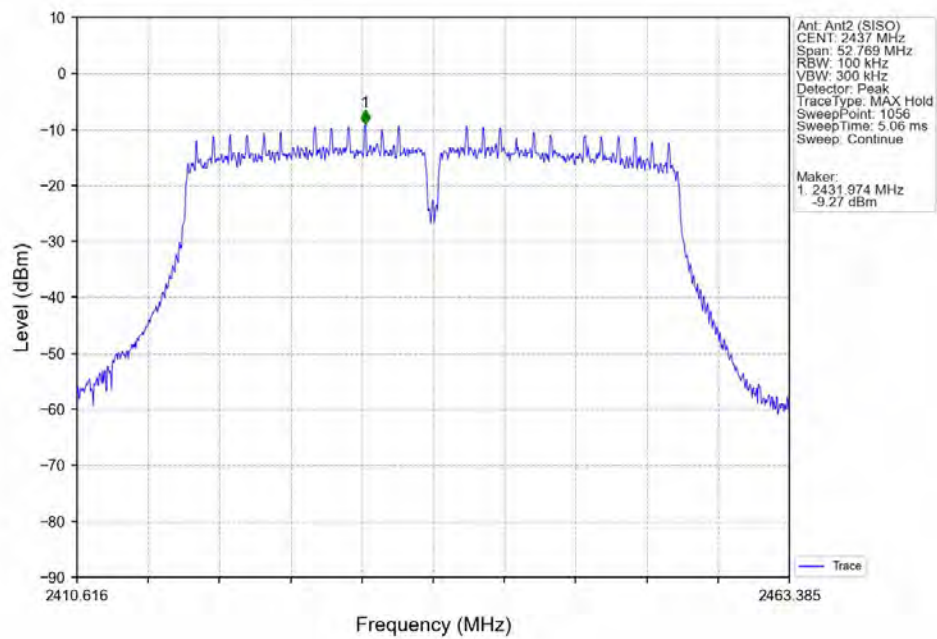
802.11ax(HEW40)\_LCH\_2422MHz\_Ant2 (SISO)\_NTNV



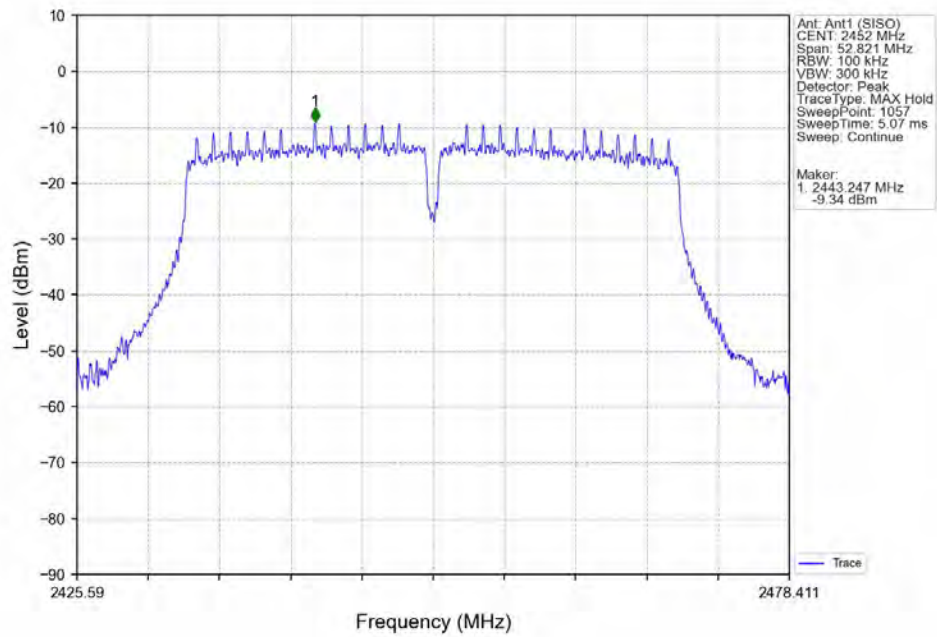
802.11ax(HEW40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



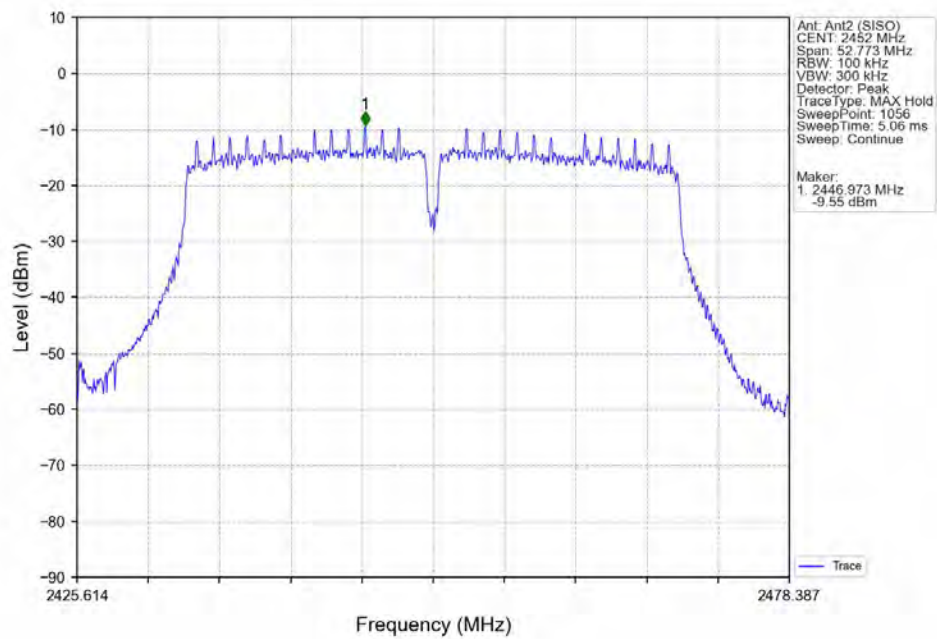
802.11ax(HEW40)\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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

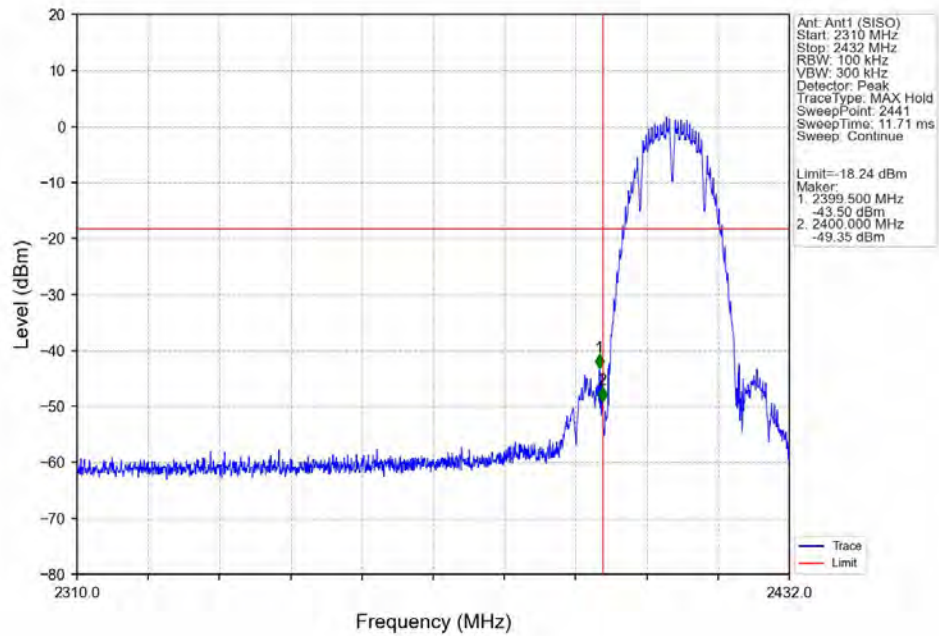


802.11ax(HEW40)\_HCH\_2452MHz\_Ant2 (SISO)\_NTNV

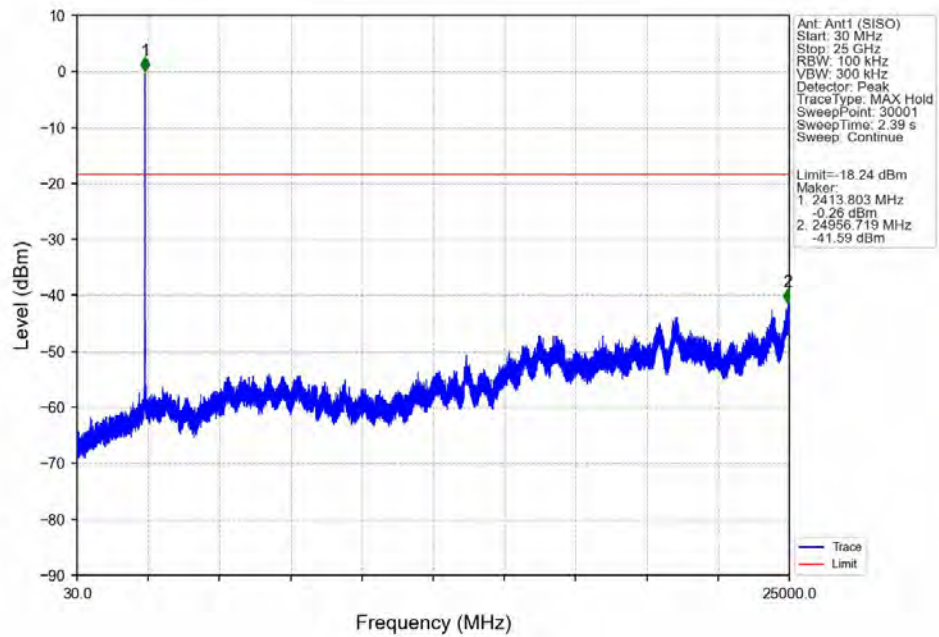


## 5.2.2 CSE

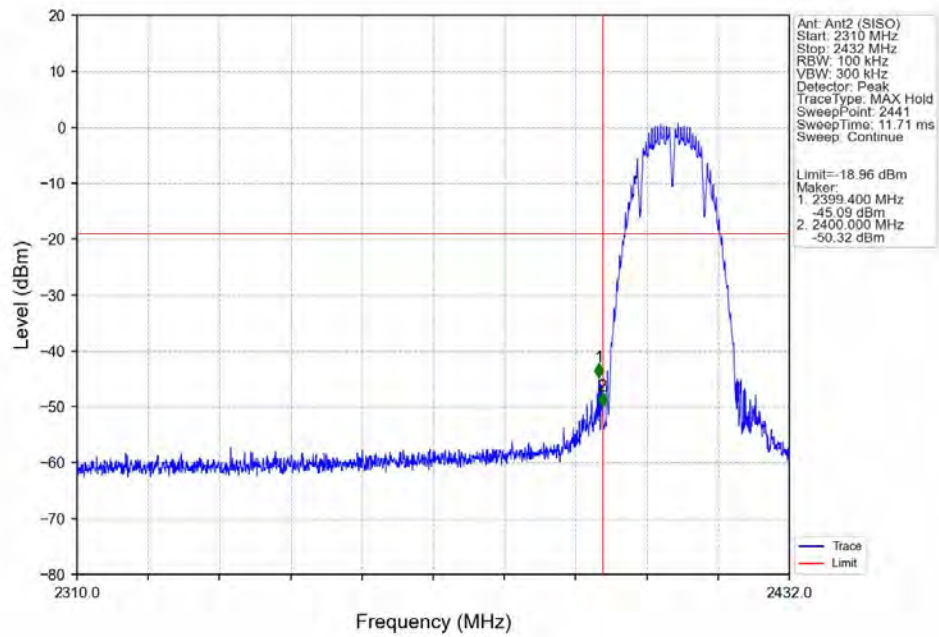
802.11b\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



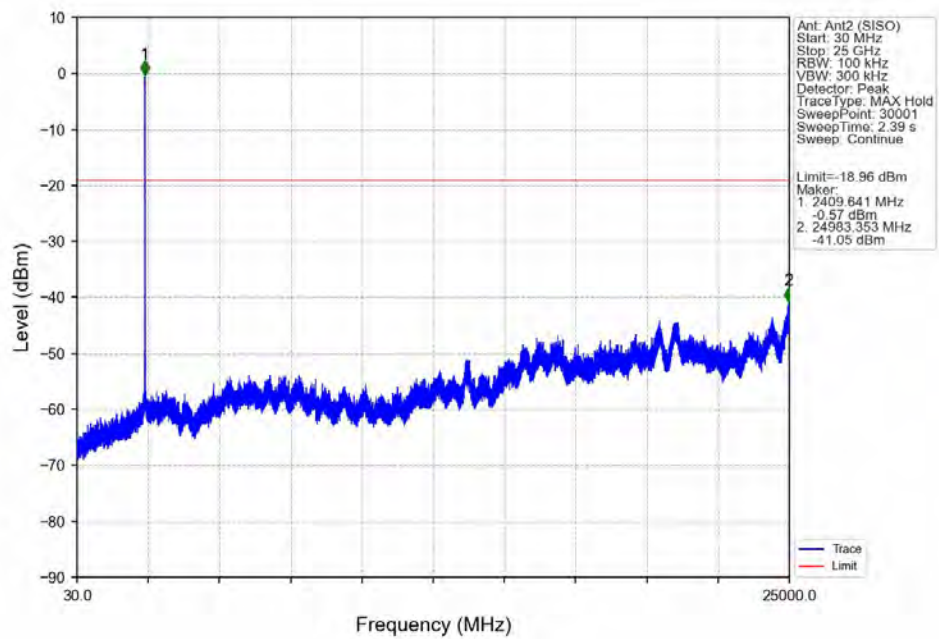
802.11b\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



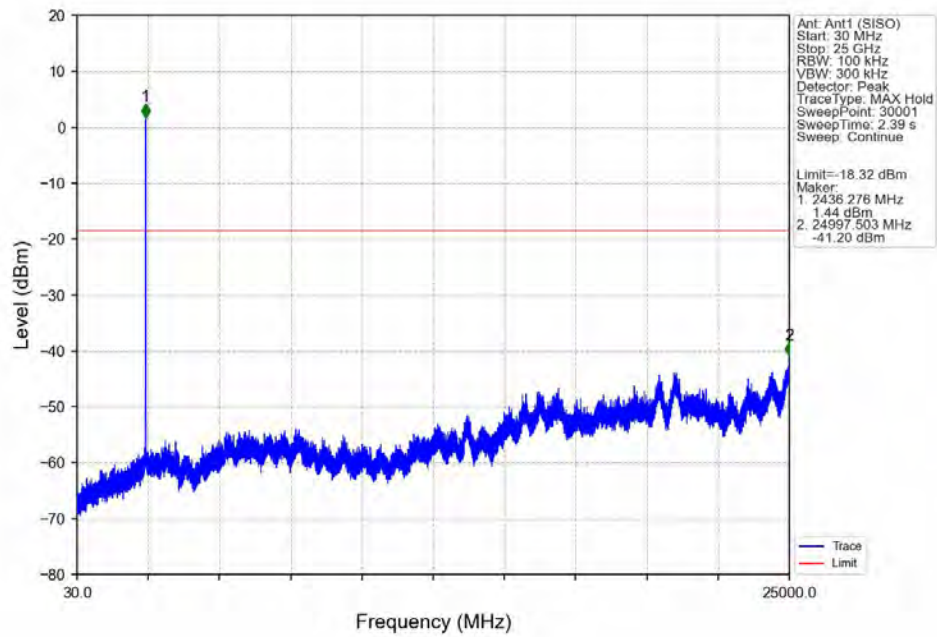
## 802.11b\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



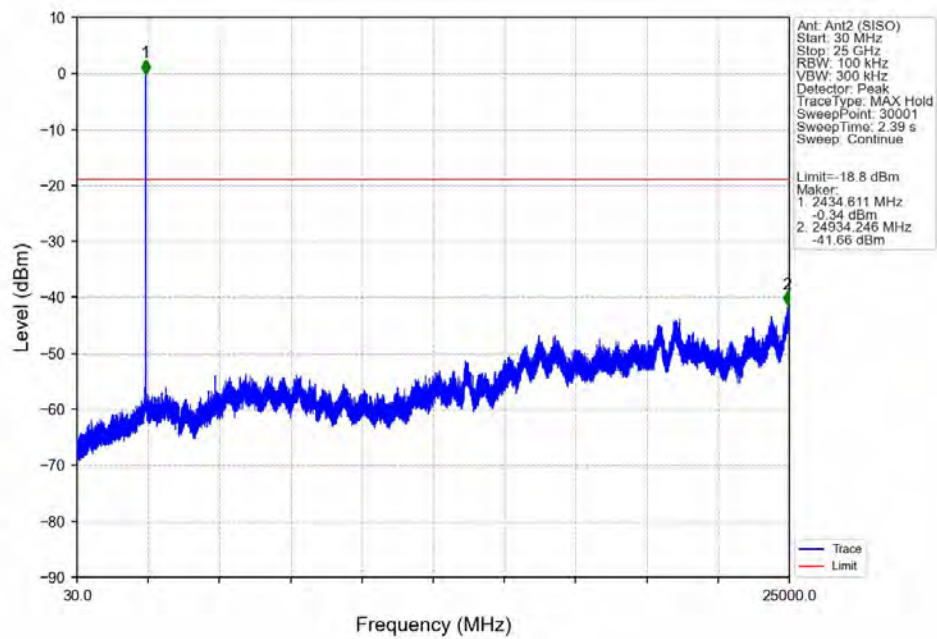
## 802.11b\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



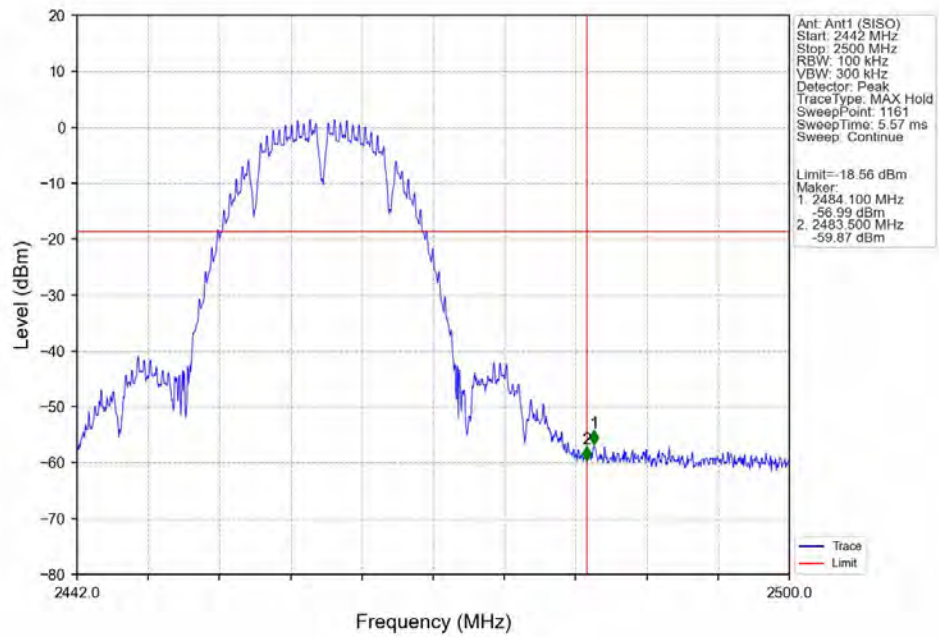
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



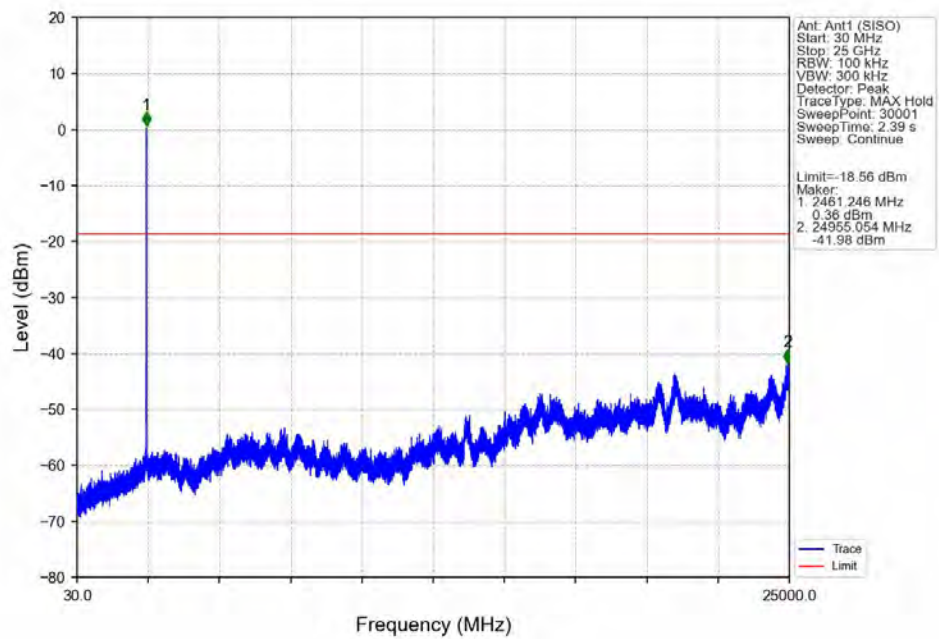
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



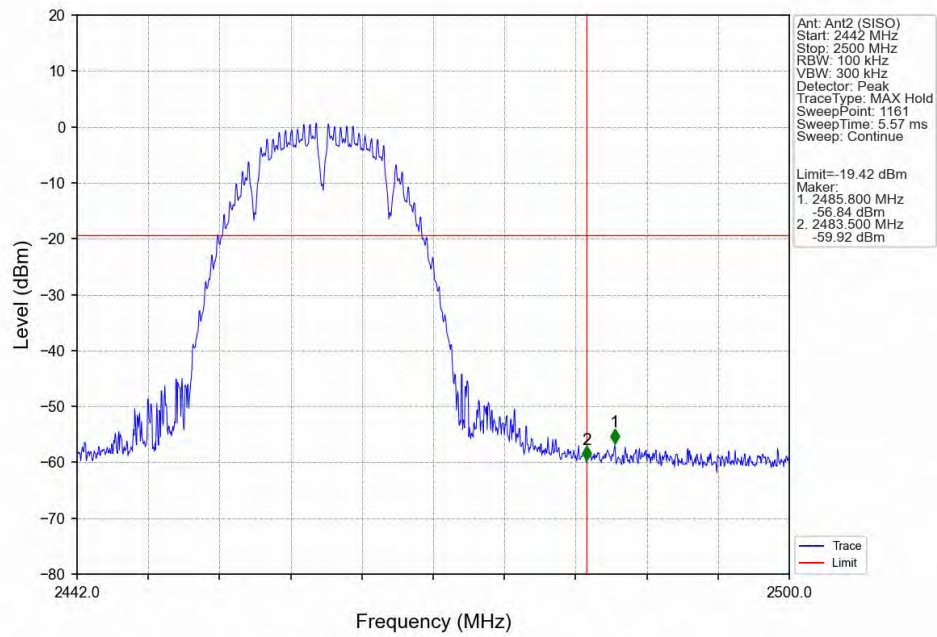
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



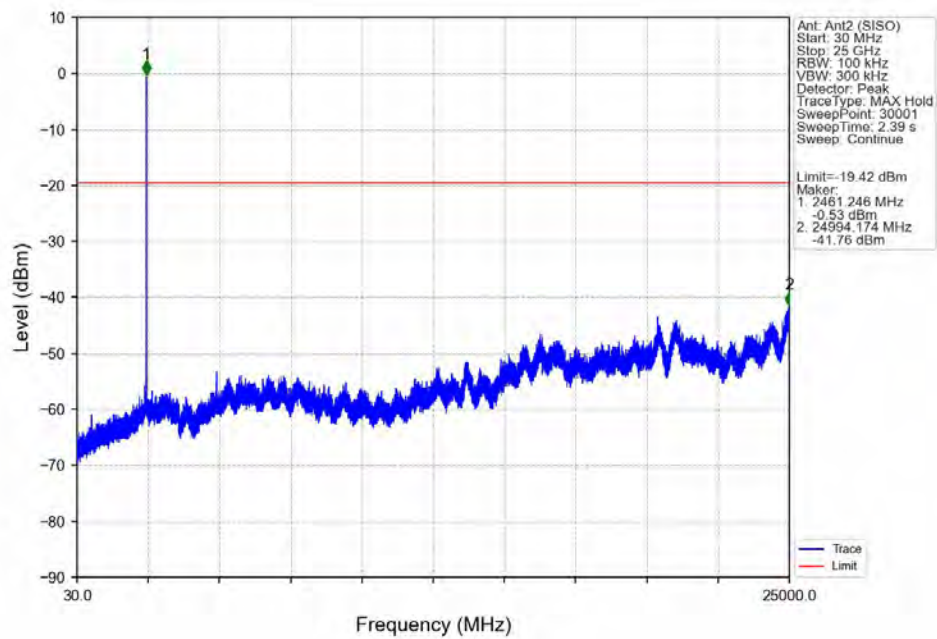
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



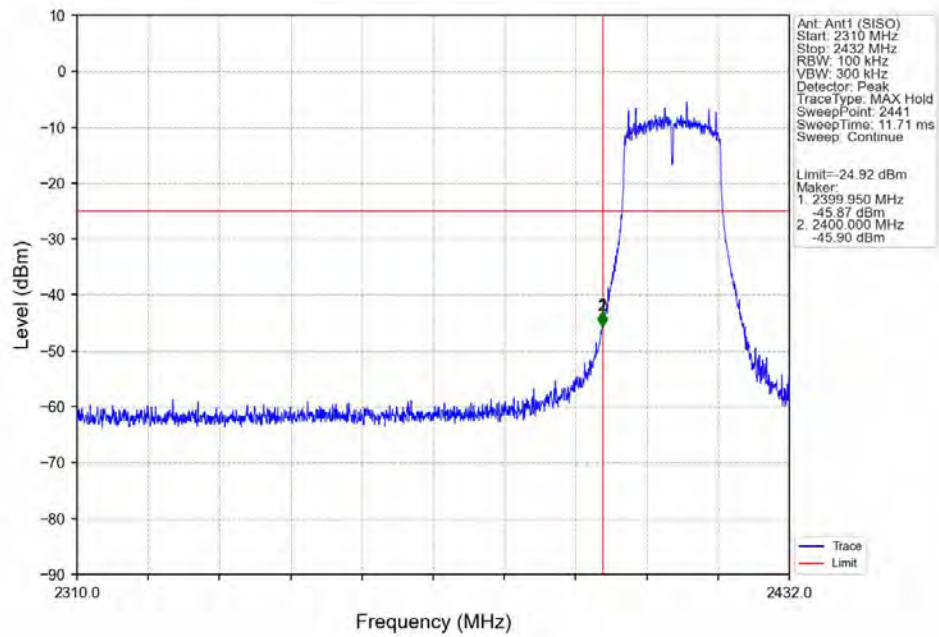
## 802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



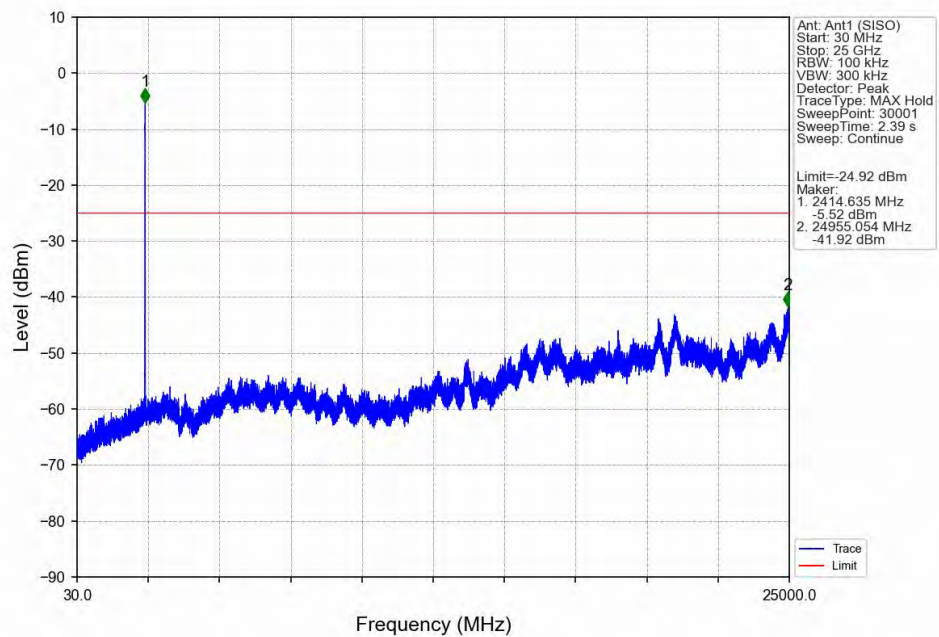
## 802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



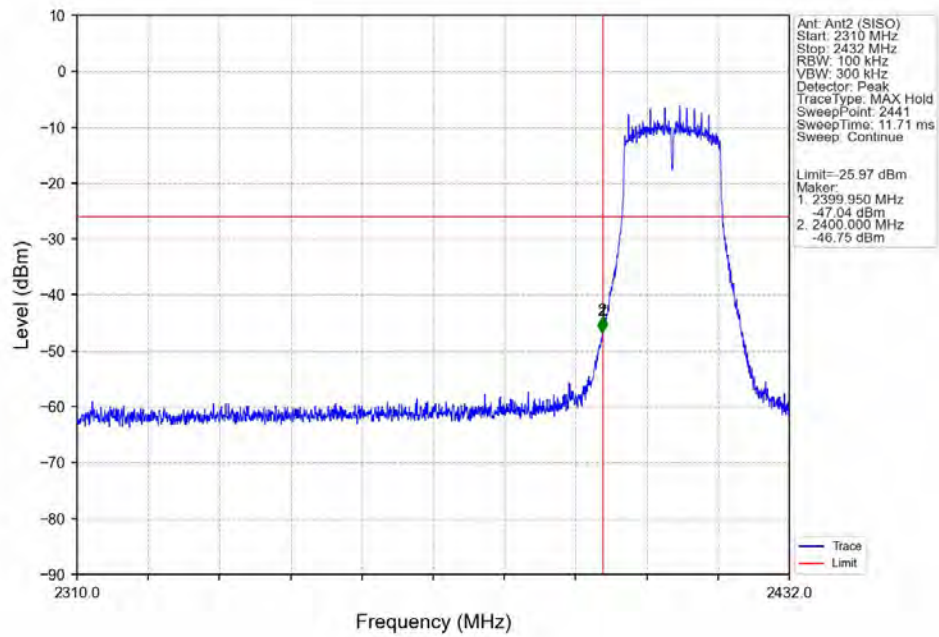
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



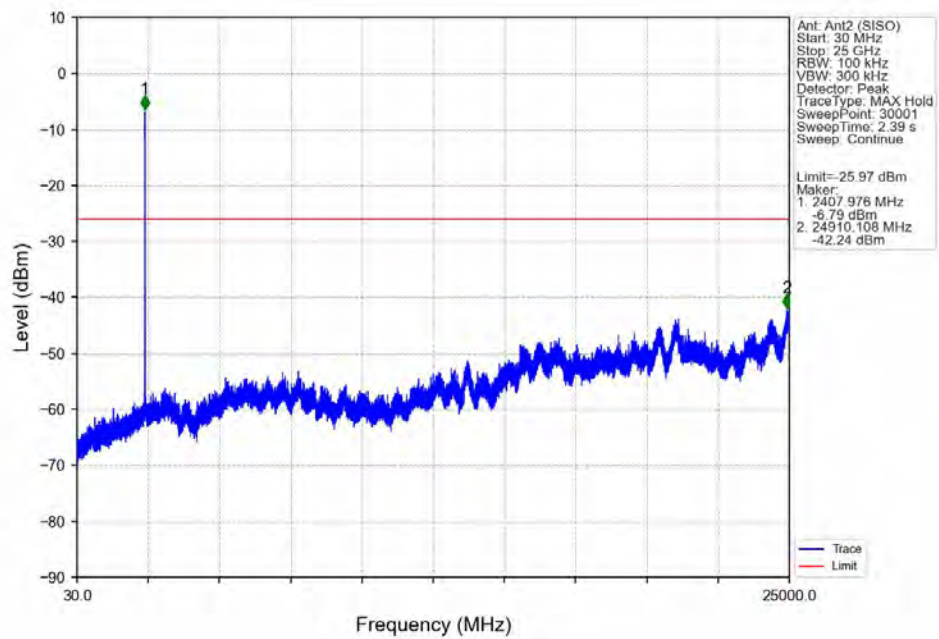
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



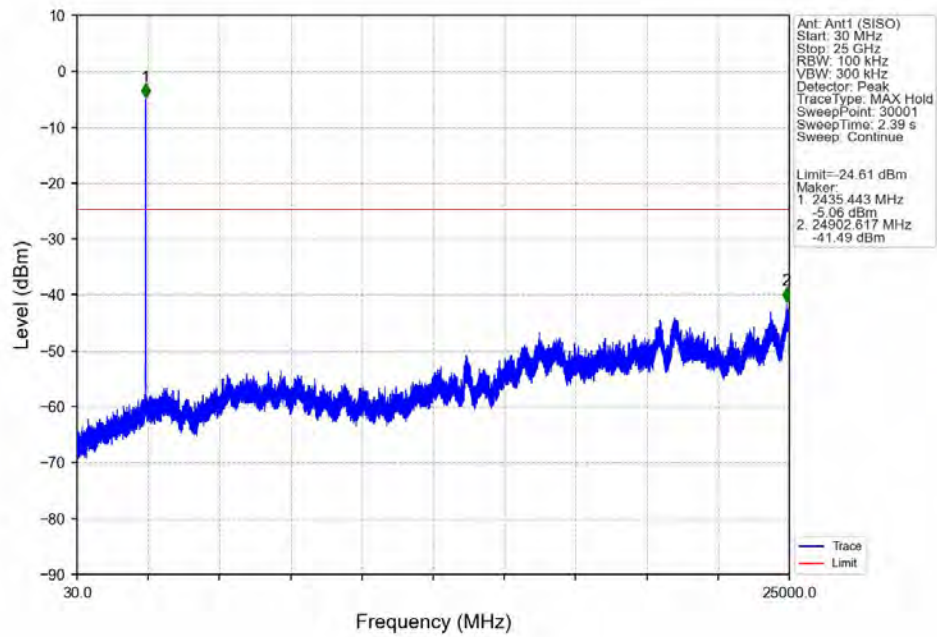
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



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



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



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

