# FCC ID:2BKM5-W1E0JA

# RF Test Report

# For

| | |
|---|---|
| Project No.: | ZKT-241025L13914E-2 |
| Client: | Saferwatch LLC |
| Manufacturer: | QUTHC Limited |
| Product Description: | Mini PC |
| Model No.: | W1E0JA |
| Test Engineer: | Jim Liu |
| Test Date: | 2024-10-25 |

## 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 Result

### 1.1.1 Ant1

| Ant1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11b | SISO | 2412 | 8.196 | 8.700 | 94.21 | 0.26 | 0.04 |
| | | 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 | 1.362 | 1.863 | 73.11 | 1.36 | 0.03 |
| | | 2437 | 1.361 | 1.862 | 73.09 | 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 | 1.775 | 71.77 | 1.44 | 0.02 |
| | | 2462 | 1.274 | 1.775 | 71.77 | 1.44 | 0.02 |
| 802.11n (HT40) | SISO | 2422 | 0.633 | 1.134 | 55.82 | 2.53 | 0.01 |
| | | 2437 | 0.633 | 1.134 | 55.82 | 2.53 | 0.01 |
| | | 2452 | 0.634 | 1.134 | 55.91 | 2.53 | 0.01 |

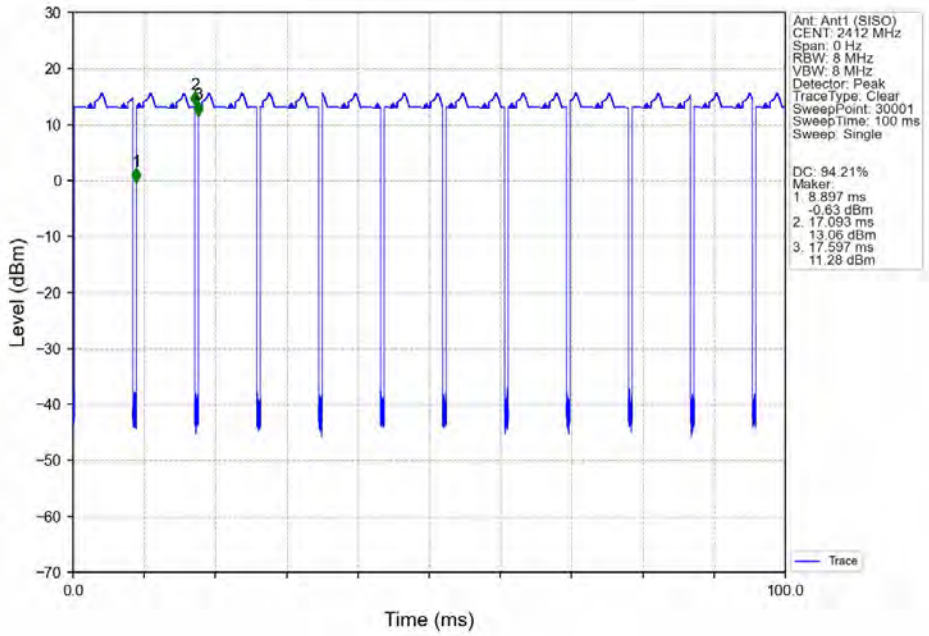
### 1.1.2 Ant2

| Ant2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11b | SISO | 2412 | 8.197 | 8.700 | 94.22 | 0.26 | 0.04 |
| | | 2437 | 8.197 | 8.700 | 94.22 | 0.26 | 0.04 |
| | | 2462 | 8.196 | 8.696 | 94.25 | 0.26 | 0.00 |
| 802.11g | SISO | 2412 | 1.361 | 1.862 | 73.09 | 1.36 | 0.03 |
| | | 2437 | 1.361 | 1.862 | 73.09 | 1.36 | 0.03 |
| | | 2462 | 1.362 | 1.863 | 73.11 | 1.36 | 0.03 |
| 802.11n (HT20) | SISO | 2412 | 1.274 | 1.775 | 71.77 | 1.44 | 0.02 |
| | | 2437 | 1.273 | 1.774 | 71.76 | 1.44 | 0.02 |
| | | 2462 | 1.273 | 1.774 | 71.76 | 1.44 | 0.01 |
| 802.11n (HT40) | SISO | 2422 | 0.634 | 1.134 | 55.91 | 2.53 | 0.01 |
| | | 2437 | 0.634 | 1.134 | 55.91 | 2.53 | 0.01 |
| | | 2452 | 0.634 | 1.134 | 55.91 | 2.53 | 0.01 |

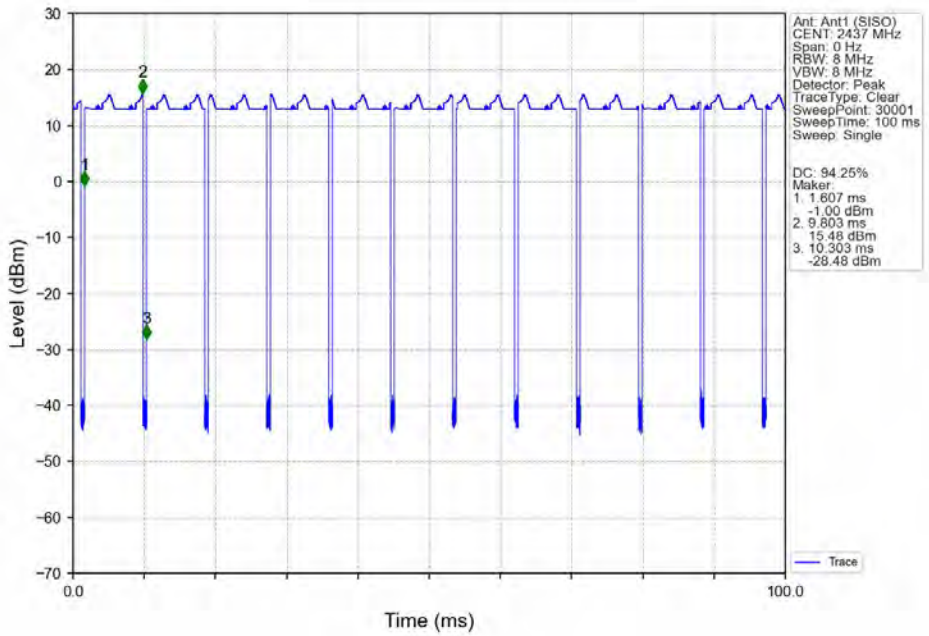
## 1.2 Test Graph

### 1.2.1 Ant1

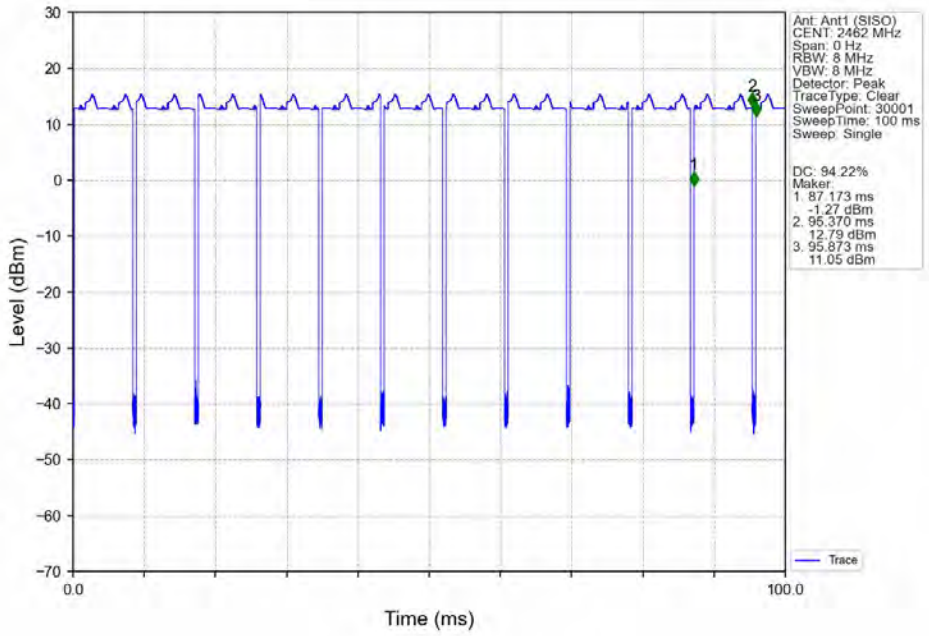
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



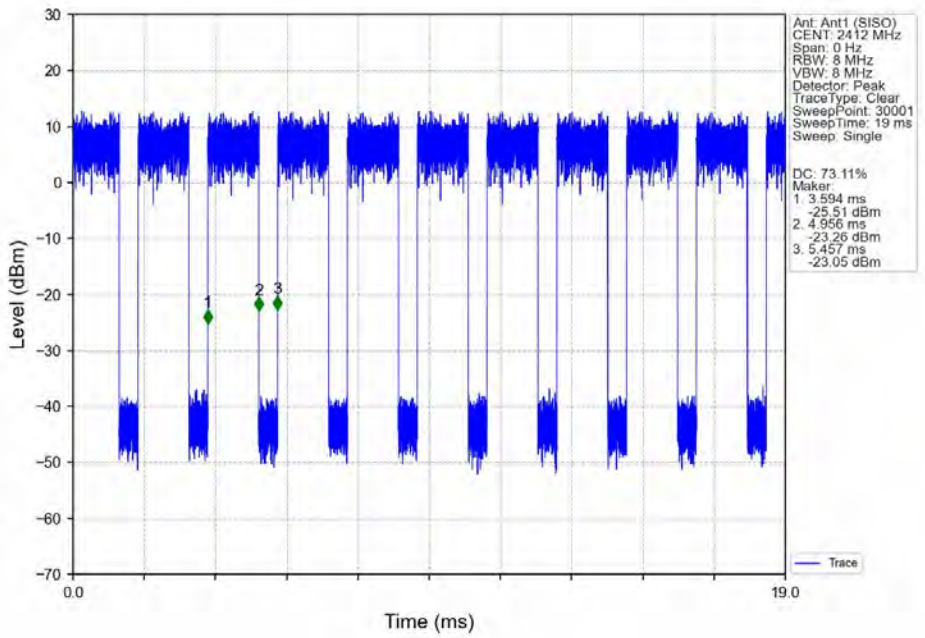

802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



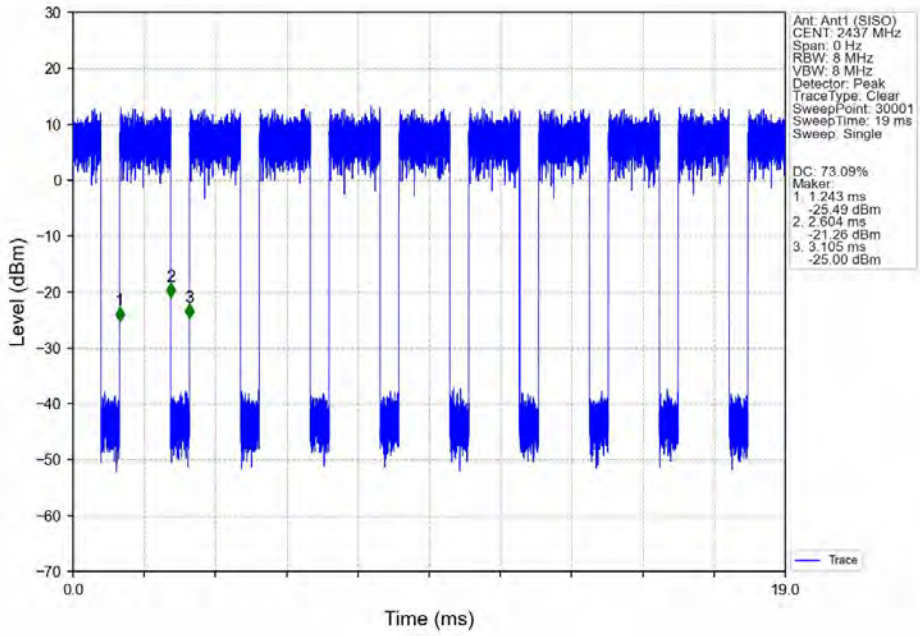
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



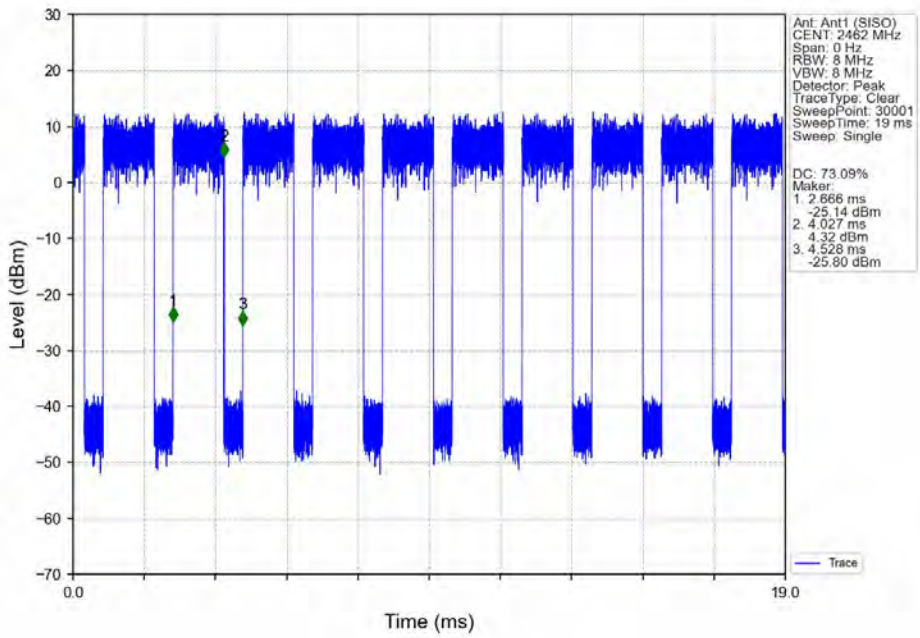

802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



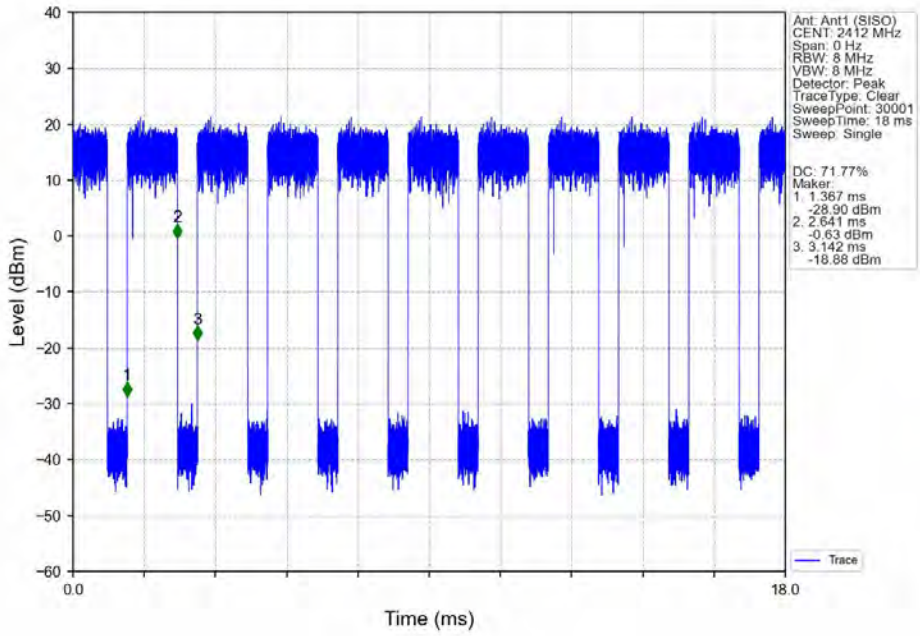
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



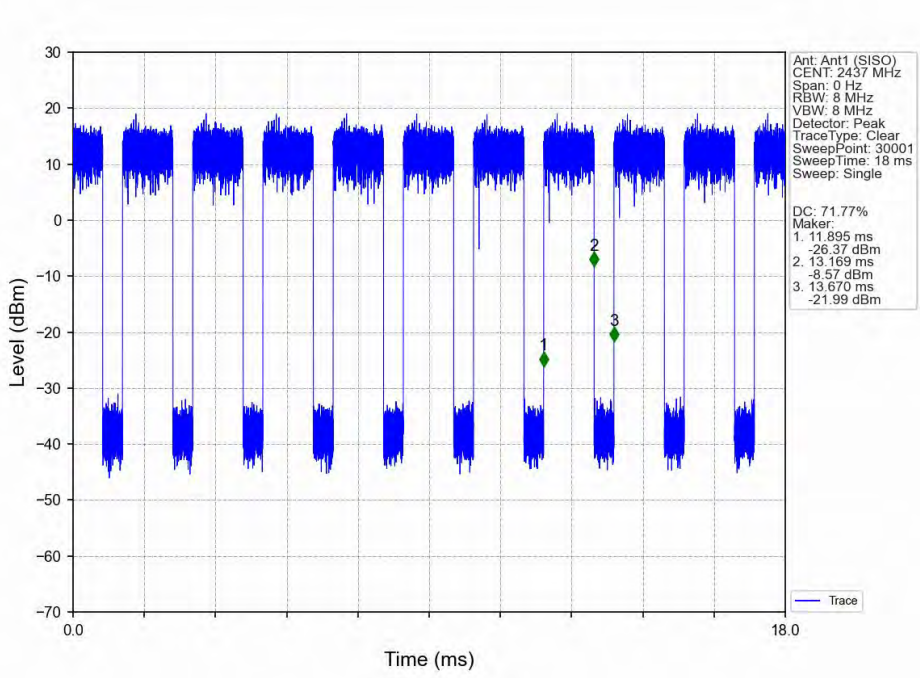

802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



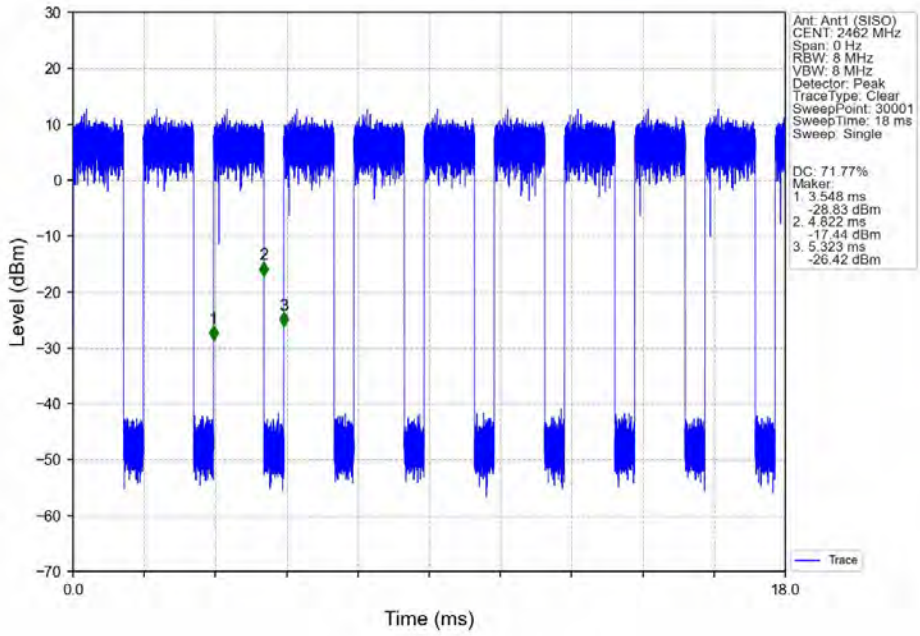
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



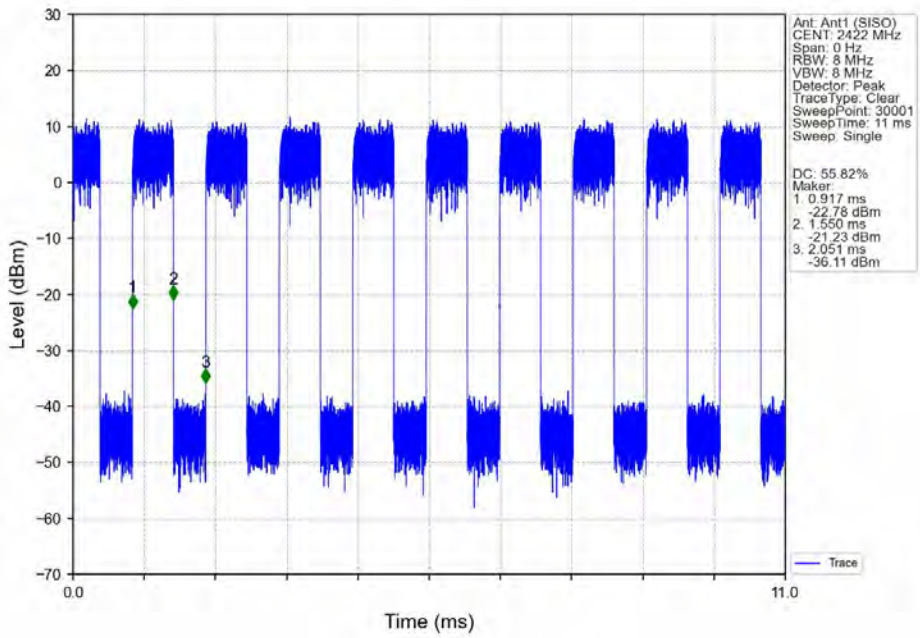

802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



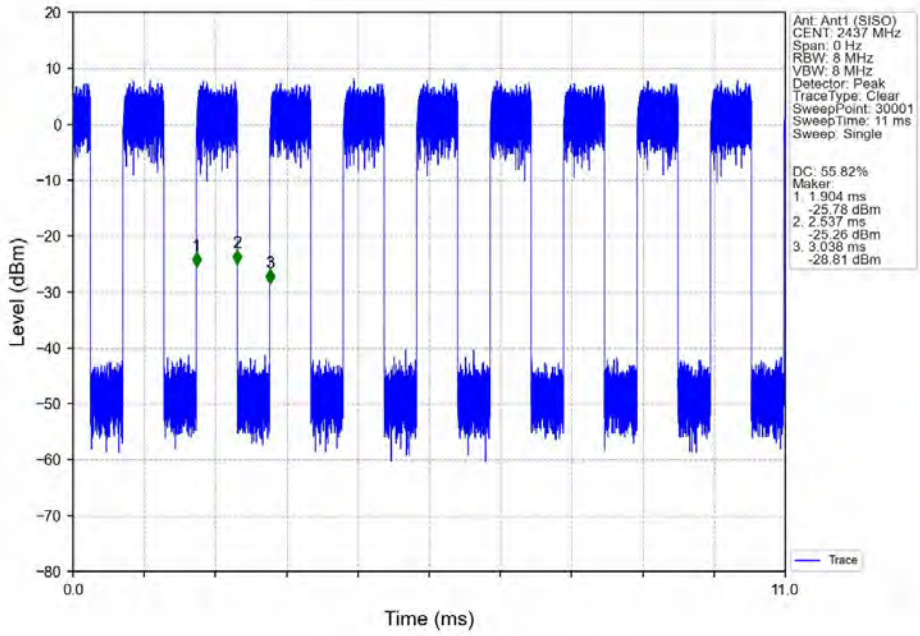
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



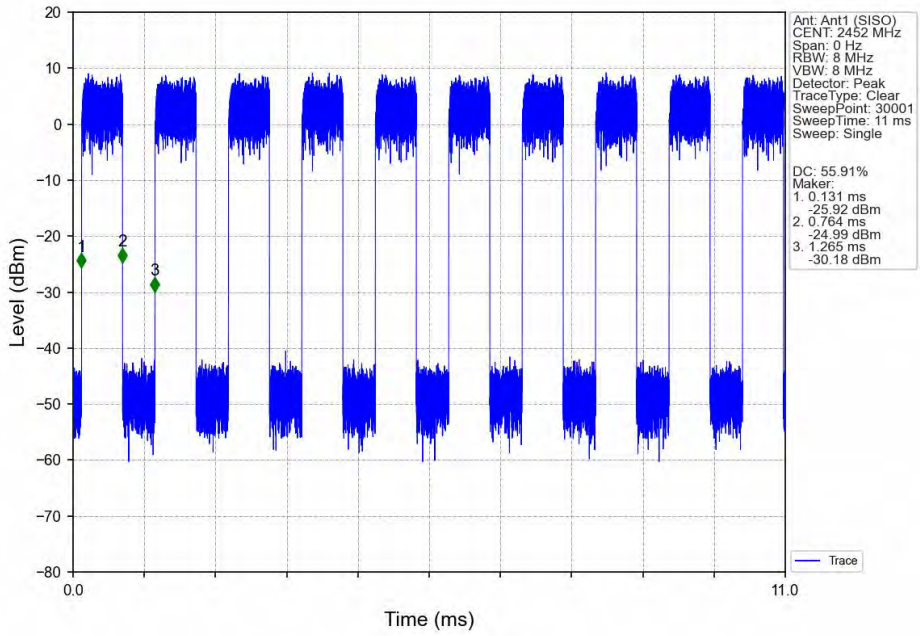

802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

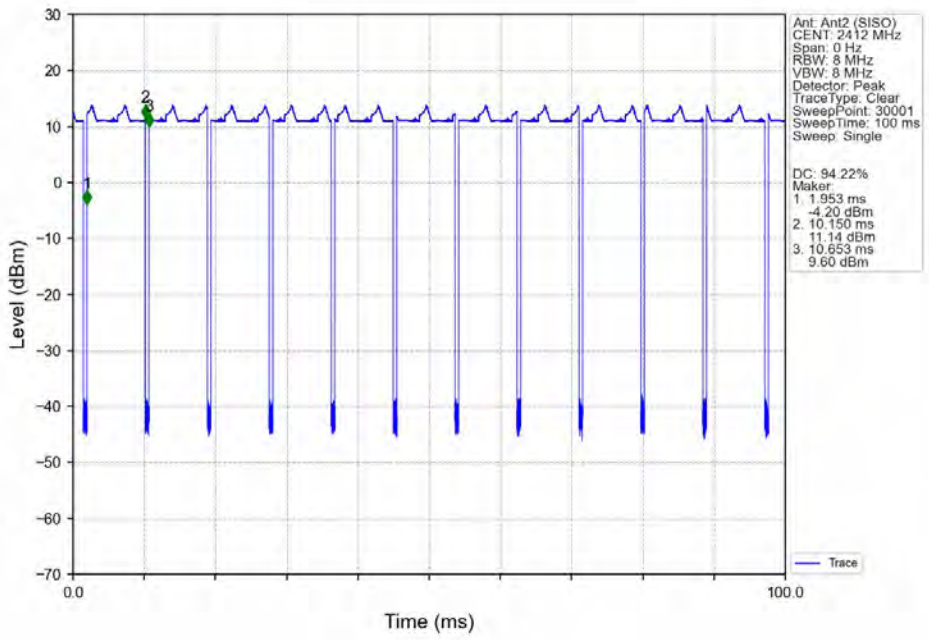



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

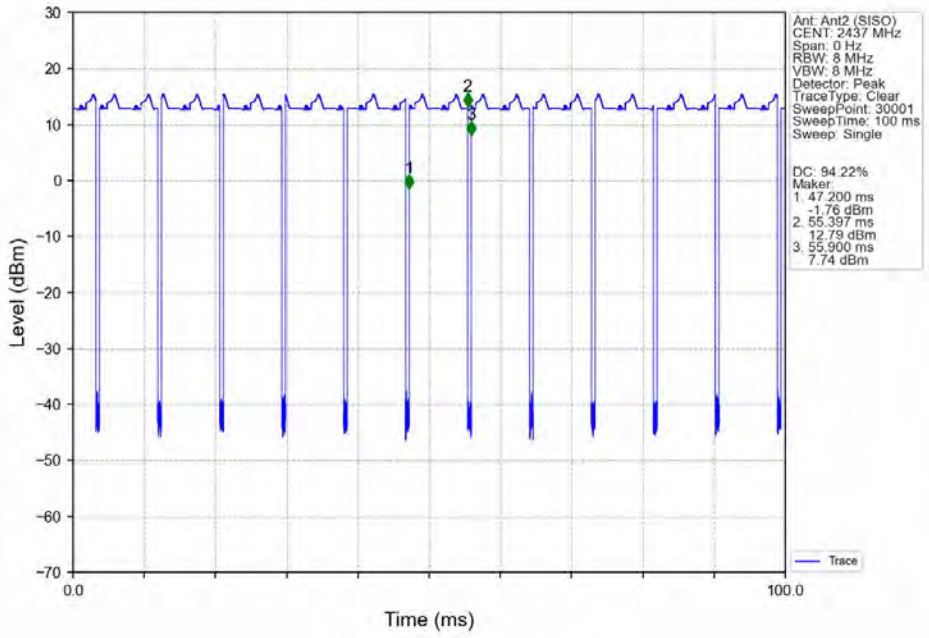


### 1.2.2 Ant2

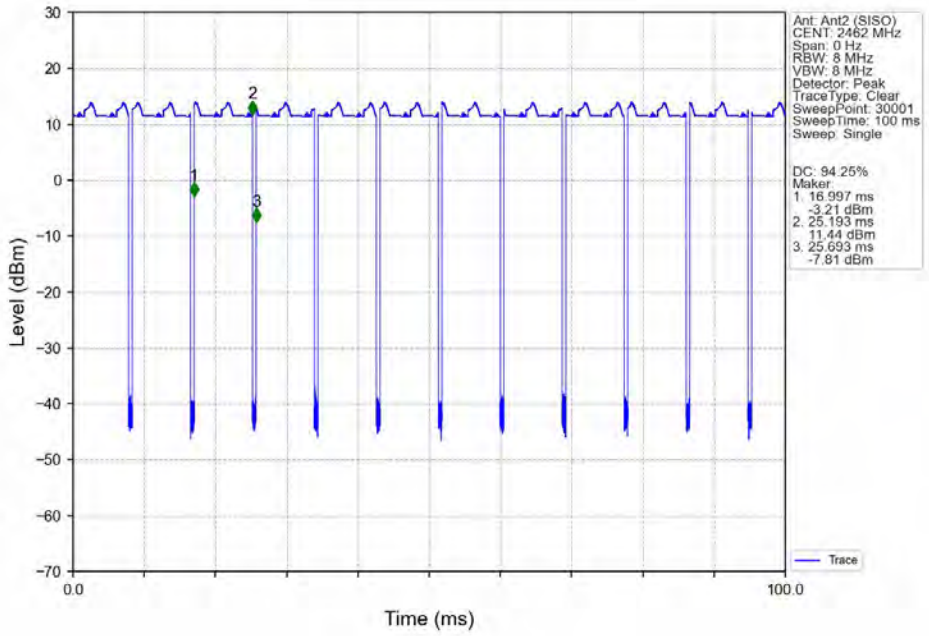
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



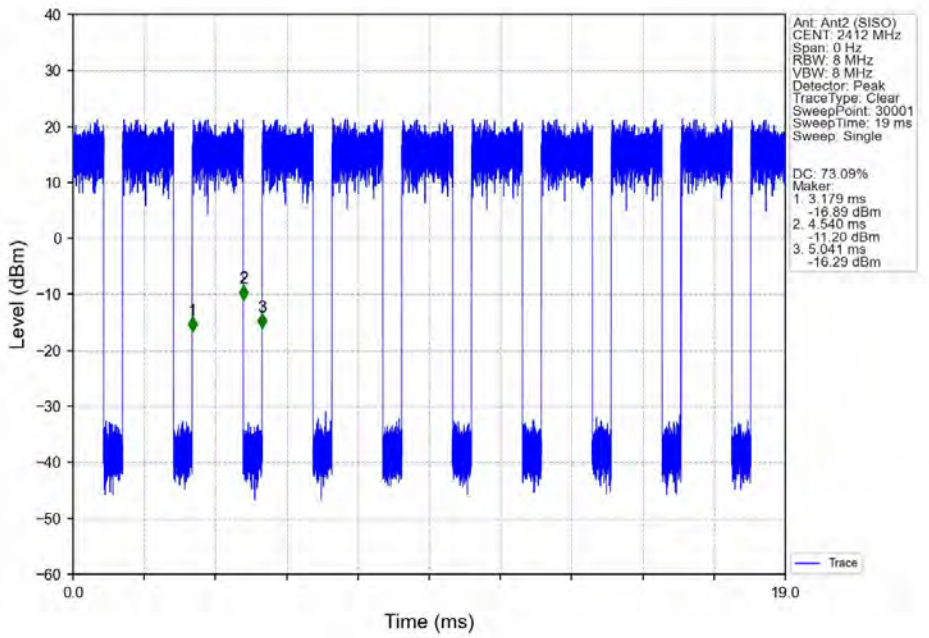

802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



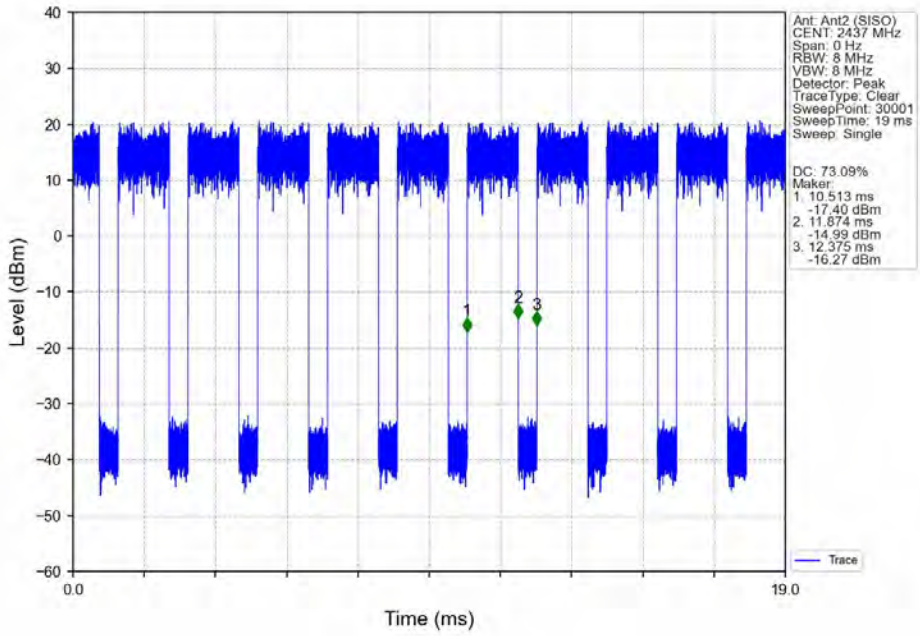
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



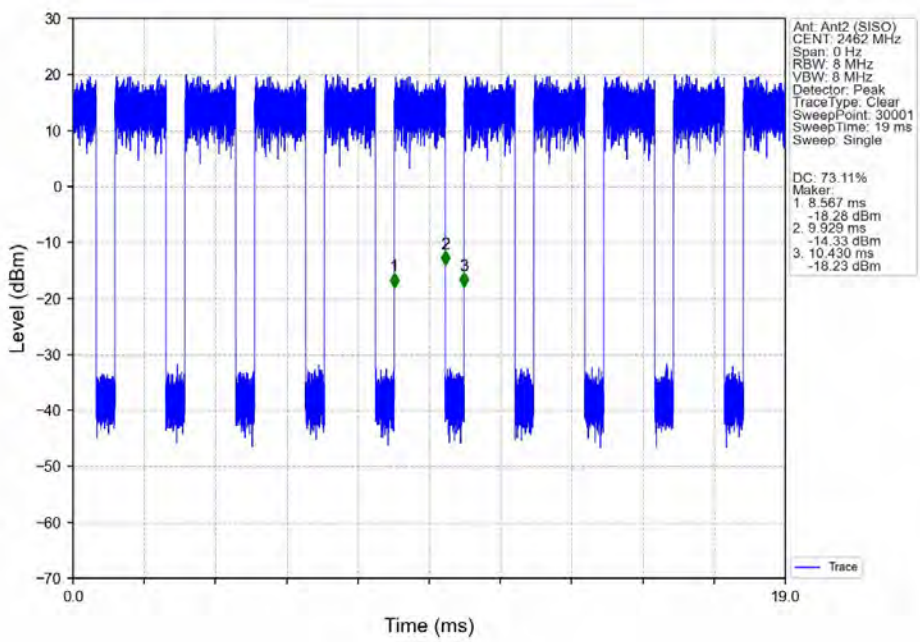

802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



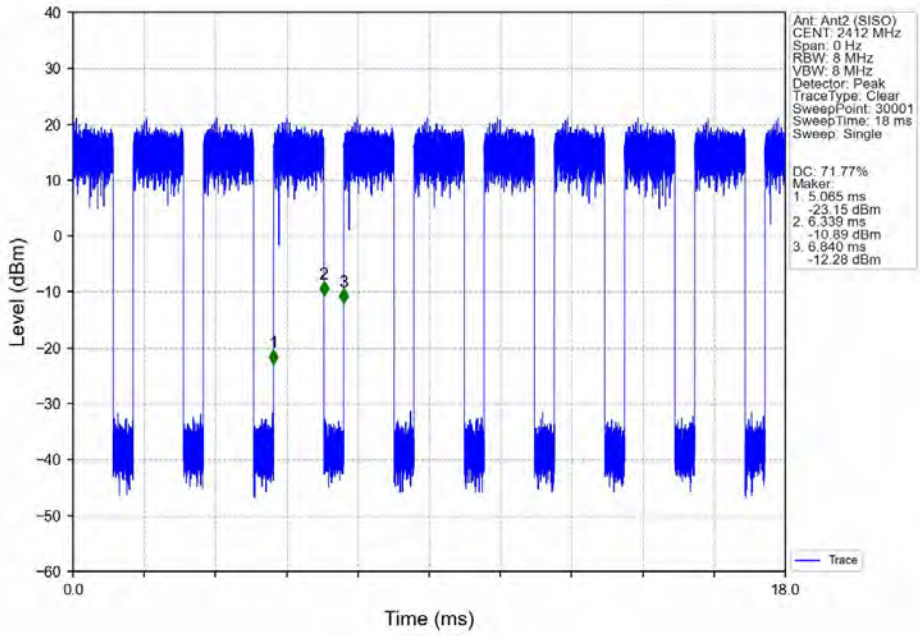
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



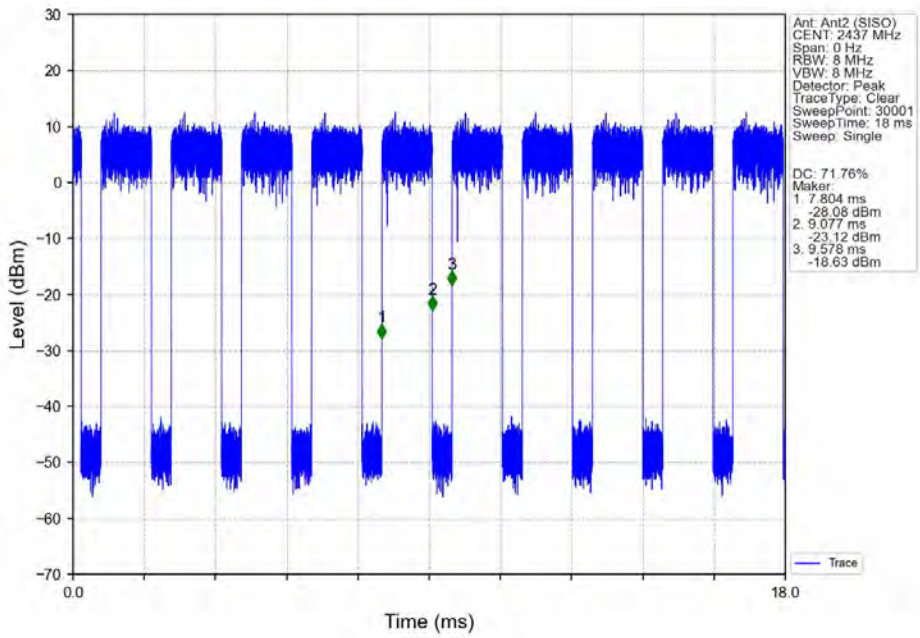

802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



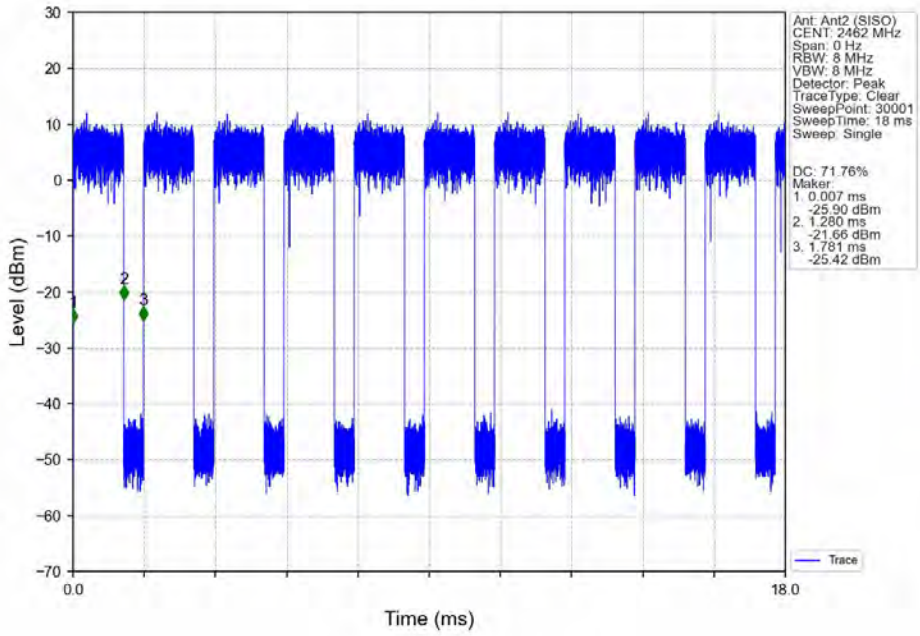
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



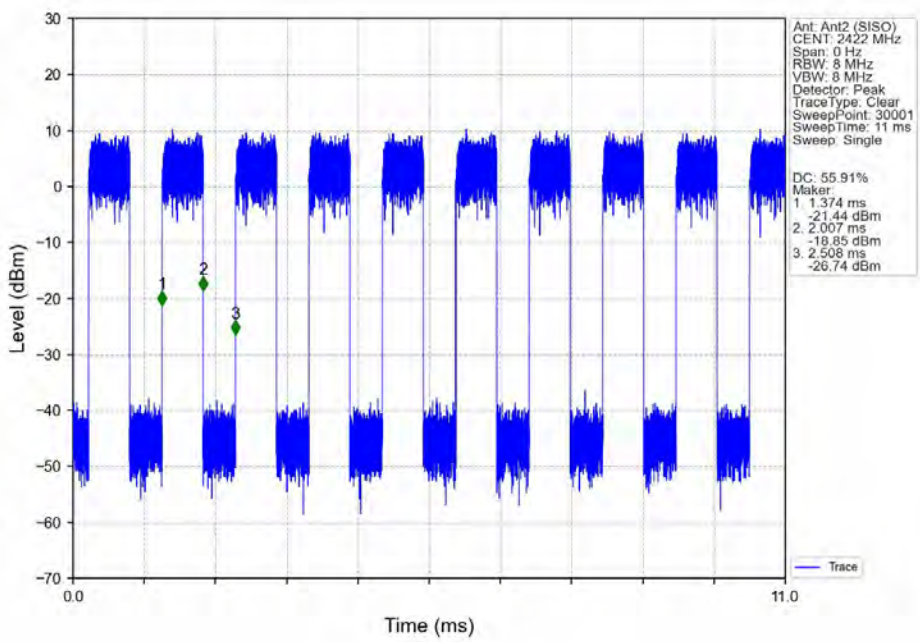

802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



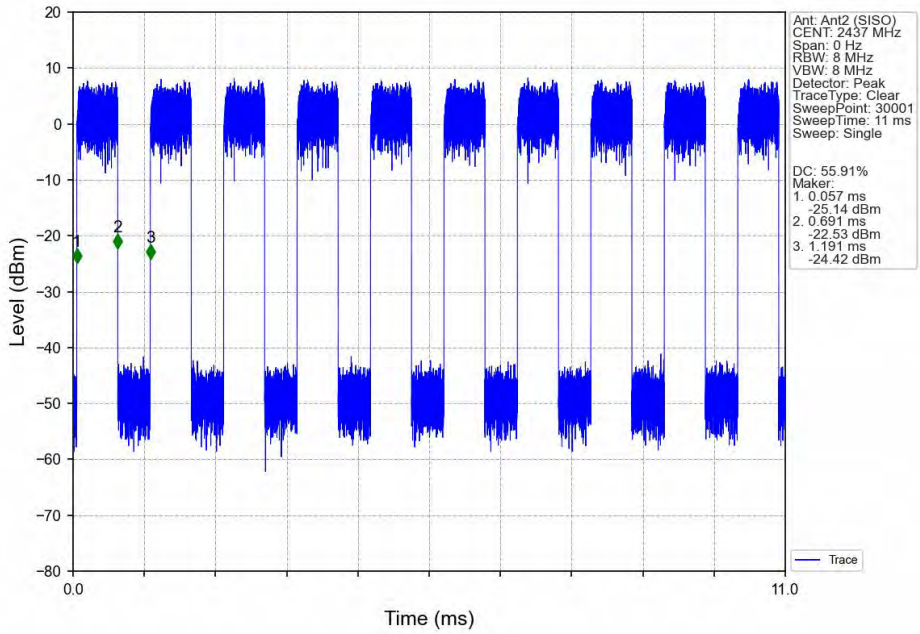
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



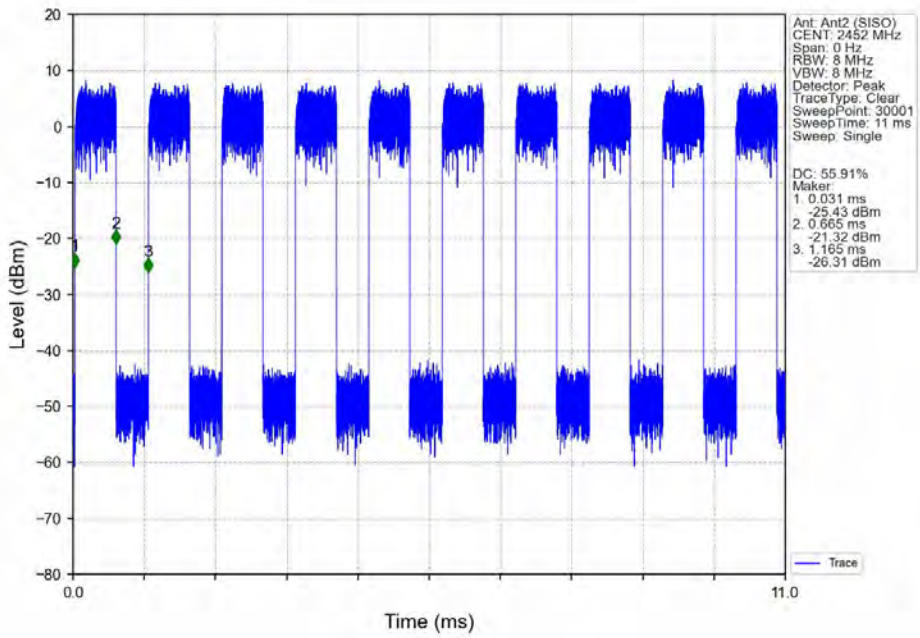

802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV




802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



# 2. Bandwidth

## 2.1 Test Result

### 2.1.1 OBW

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | | Verdict |
|---|---|---|---|---|---|---|
| | | | | Result | Limit | |
| 802.11b | SISO | 2412 | 1 | 14.730 | / | Pass |
| | | | 2 | 14.649 | / | Pass |
| | | 2437 | 1 | 14.774 | / | Pass |
| | | | 2 | 14.661 | / | Pass |
| | | 2462 | 1 | 14.804 | / | Pass |
| | | | 2 | 14.671 | / | Pass |
| 802.11g | SISO | 2412 | 1 | 17.206 | / | Pass |
| | | | 2 | 16.869 | / | Pass |
| | | 2437 | 1 | 17.215 | / | Pass |
| | | | 2 | 16.862 | / | Pass |
| | | 2462 | 1 | 17.230 | / | Pass |
| | | | 2 | 16.865 | / | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | 18.344 | / | Pass |
| | | | 2 | 18.325 | / | Pass |
| | | 2437 | 1 | 18.362 | / | Pass |
| | | | 2 | 18.349 | / | Pass |
| | | 2462 | 1 | 18.386 | / | Pass |
| | | | 2 | 18.355 | / | Pass |
| 802.11n (HT40) | SISO | 2422 | 1 | 36.535 | / | Pass |
| | | | 2 | 36.526 | / | Pass |
| | | 2437 | 1 | 36.557 | / | Pass |
| | | | 2 | 36.494 | / | Pass |
| | | 2452 | 1 | 36.552 | / | Pass |
| | | | 2 | 36.529 | / | Pass |

### 2.1.2 6dB BW

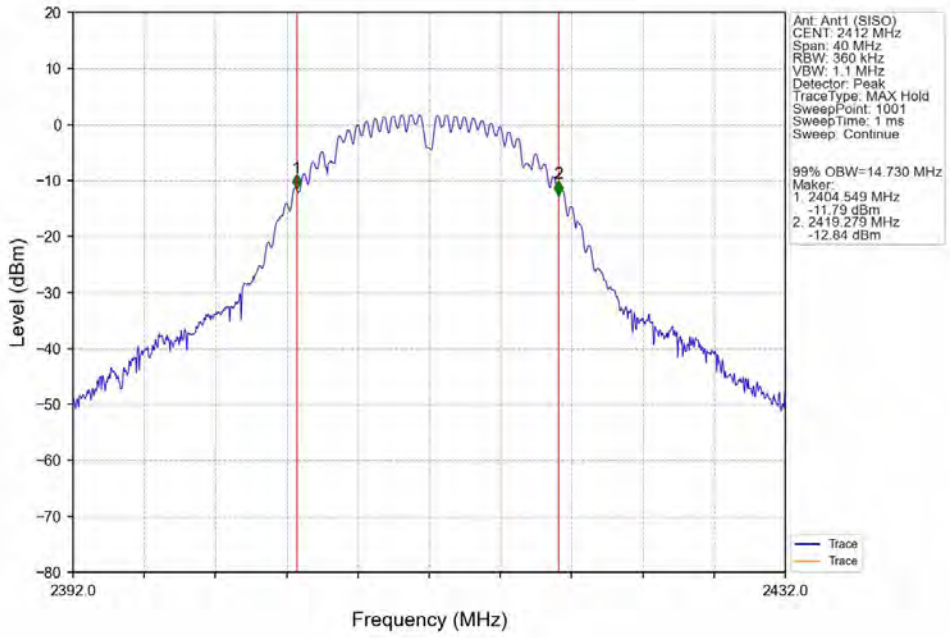
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|---|---|---|---|---|---|---|
| | | | | Result | Limit | |
| 802.11b | SISO | 2412 | 1 | 10.140 | >=0.5 | Pass |
| | | | 2 | 10.136 | >=0.5 | Pass |
| | | 2437 | 1 | 10.139 | >=0.5 | Pass |
| | | | 2 | 10.148 | >=0.5 | Pass |
| | | 2462 | 1 | 10.148 | >=0.5 | Pass |
| | | | 2 | 10.146 | >=0.5 | Pass |
| 802.11g | SISO | 2412 | 1 | 15.515 | >=0.5 | Pass |
| | | | 2 | 15.979 | >=0.5 | Pass |
| | | 2437 | 1 | 15.671 | >=0.5 | Pass |
| | | | 2 | 15.981 | >=0.5 | Pass |
| | | 2462 | 1 | 15.559 | >=0.5 | Pass |
| | | | 2 | 15.952 | >=0.5 | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | 15.799 | >=0.5 | Pass |
| | | | 2 | 16.416 | >=0.5 | Pass |
| | | 2437 | 1 | 16.464 | >=0.5 | Pass |
| | | | 2 | 16.466 | >=0.5 | Pass |
| | | 2462 | 1 | 16.460 | >=0.5 | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 2 | 16.099 | >=0.5 | Pass |
| 802.11n (HT40) | SISO | 2422 | 1 | 35.522 | >=0.5 | Pass |
| | | | 2 | 35.469 | >=0.5 | Pass |
| | | 2437 | 1 | 35.517 | >=0.5 | Pass |
| | | | 2 | 35.485 | >=0.5 | Pass |
| | | 2452 | 1 | 35.502 | >=0.5 | Pass |
| | | | 2 | 35.475 | >=0.5 | Pass |

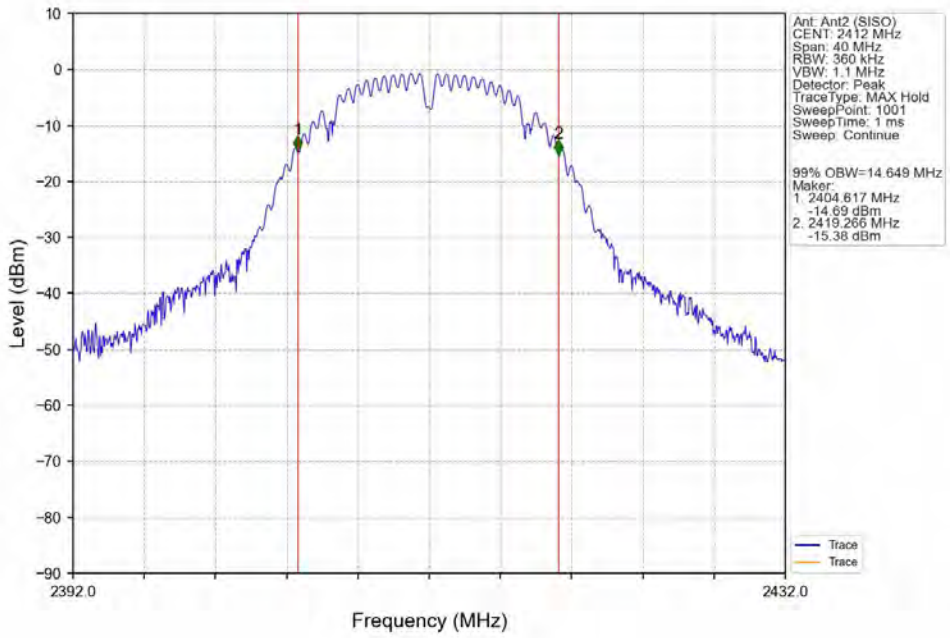
## 2.2 Test Graph

### 2.2.1 OBW

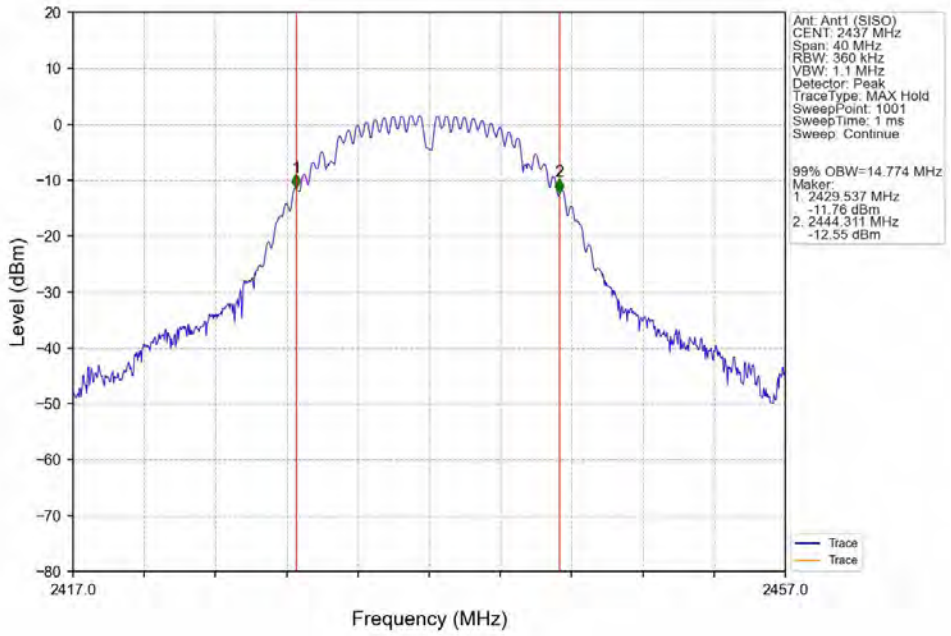
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



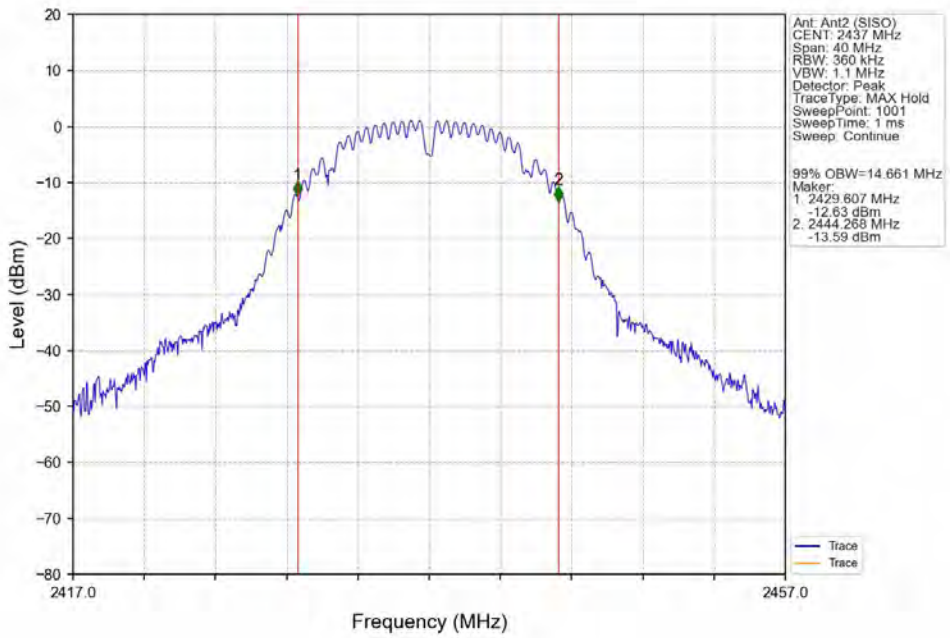

802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



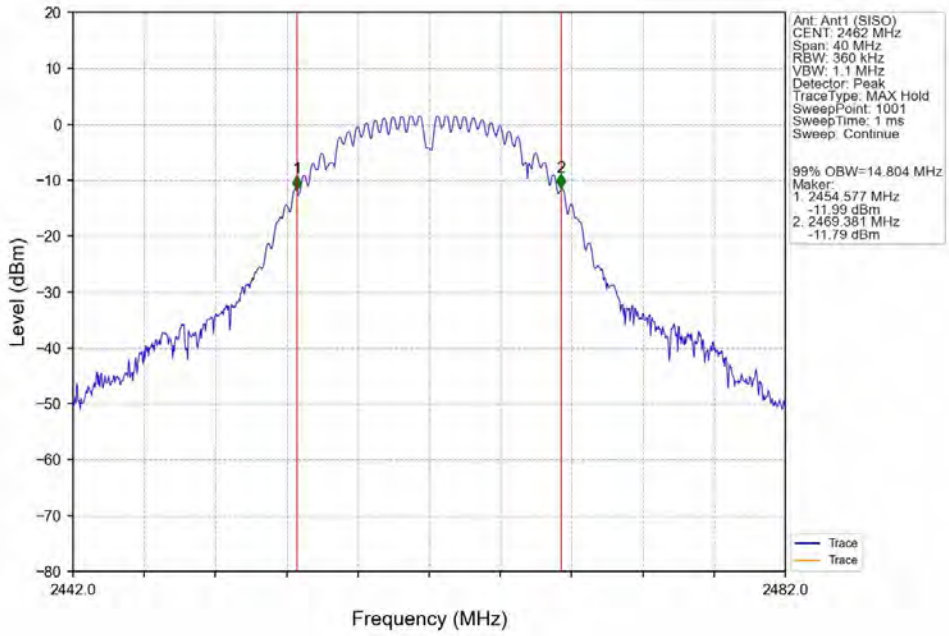
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



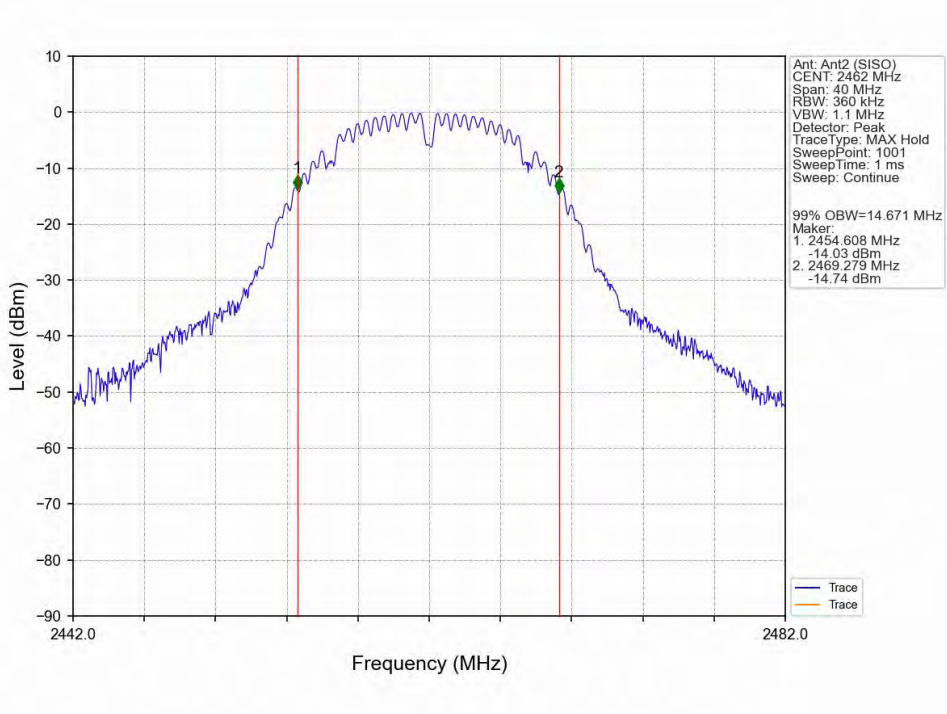

802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



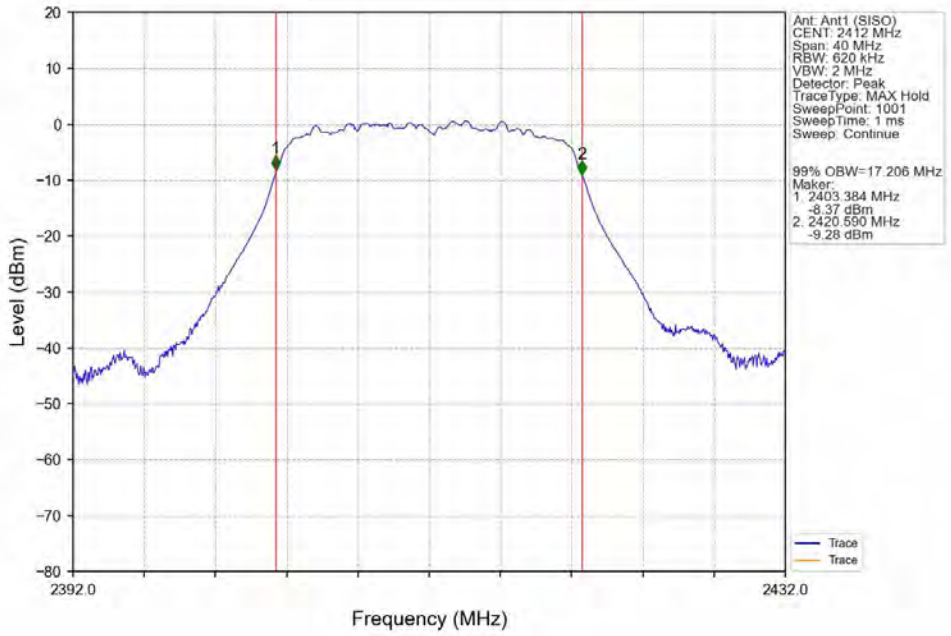
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



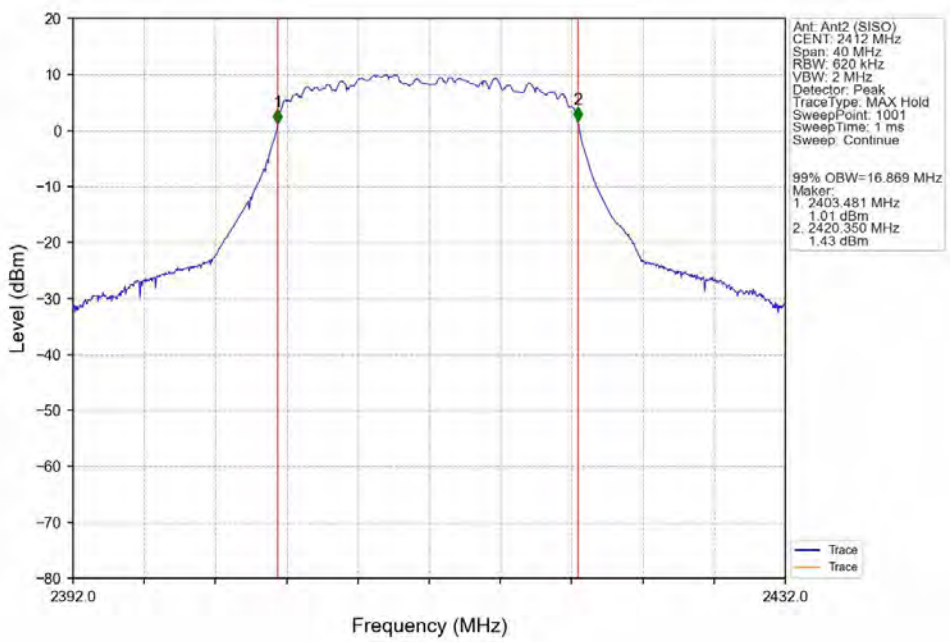

802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



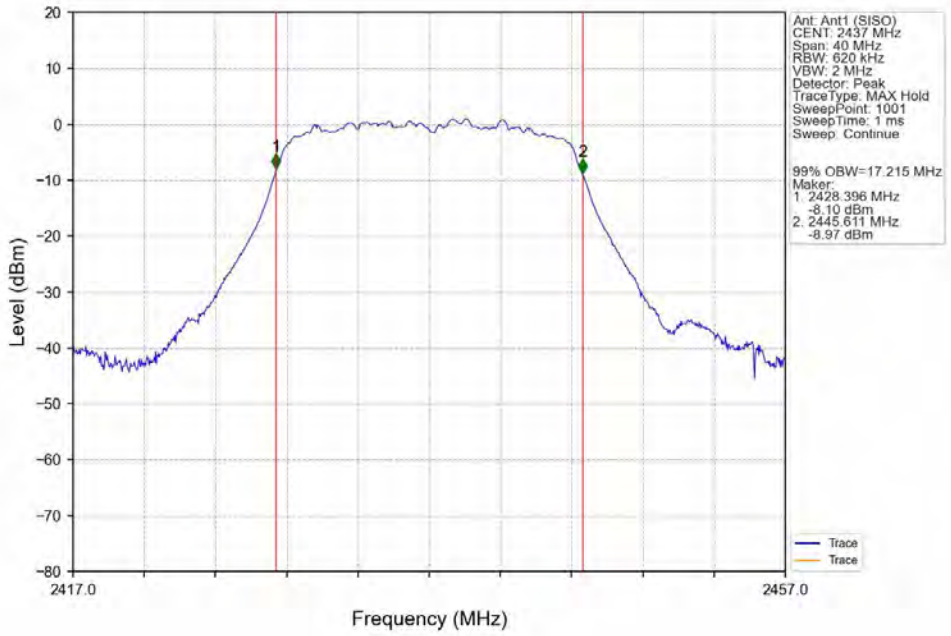
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



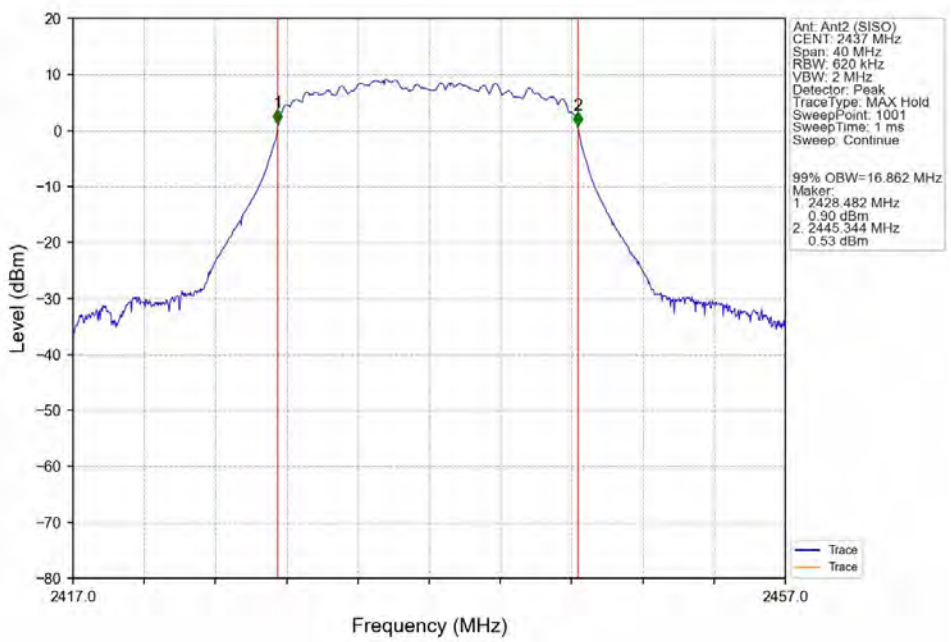

802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



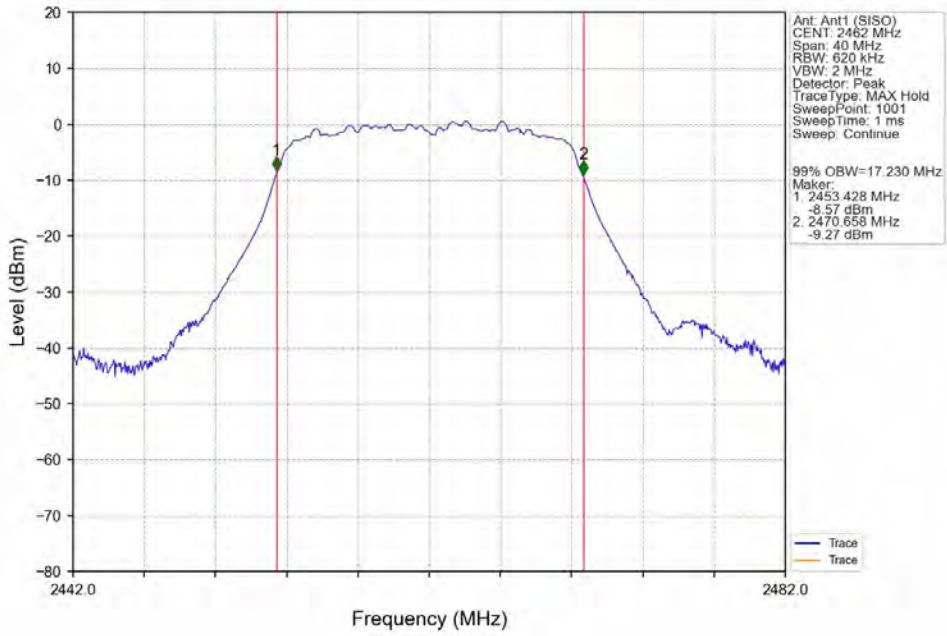
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



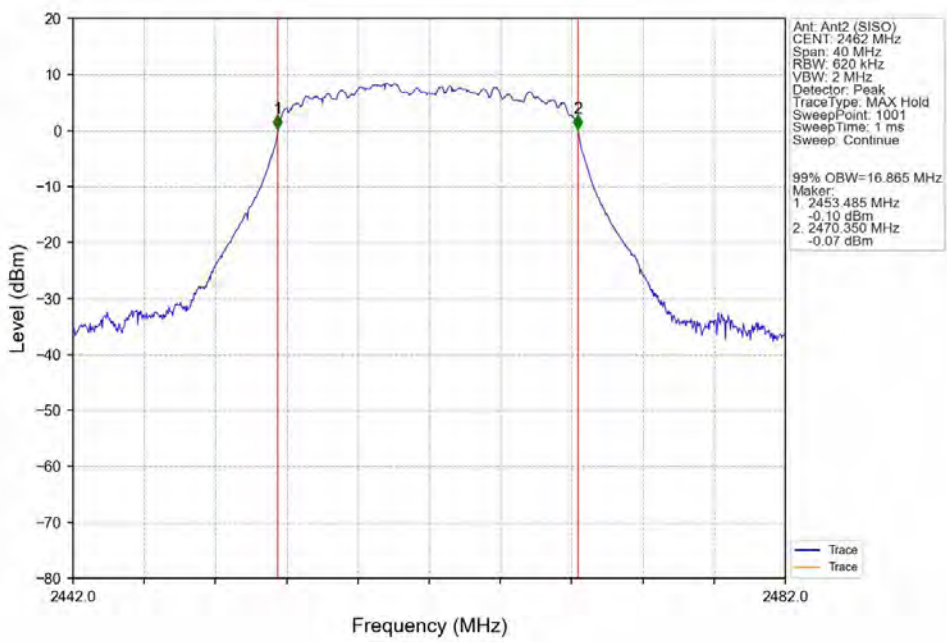

802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



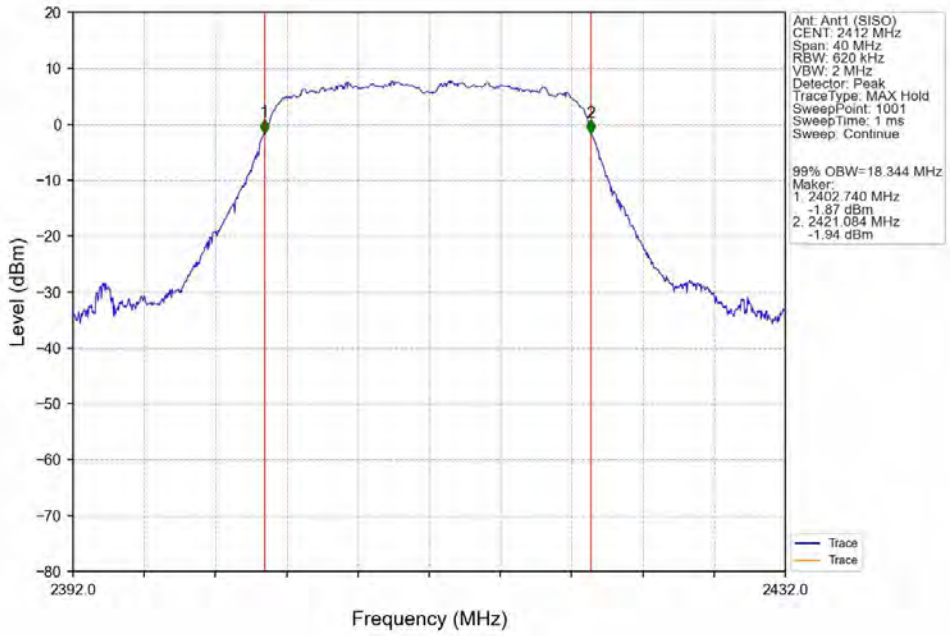
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



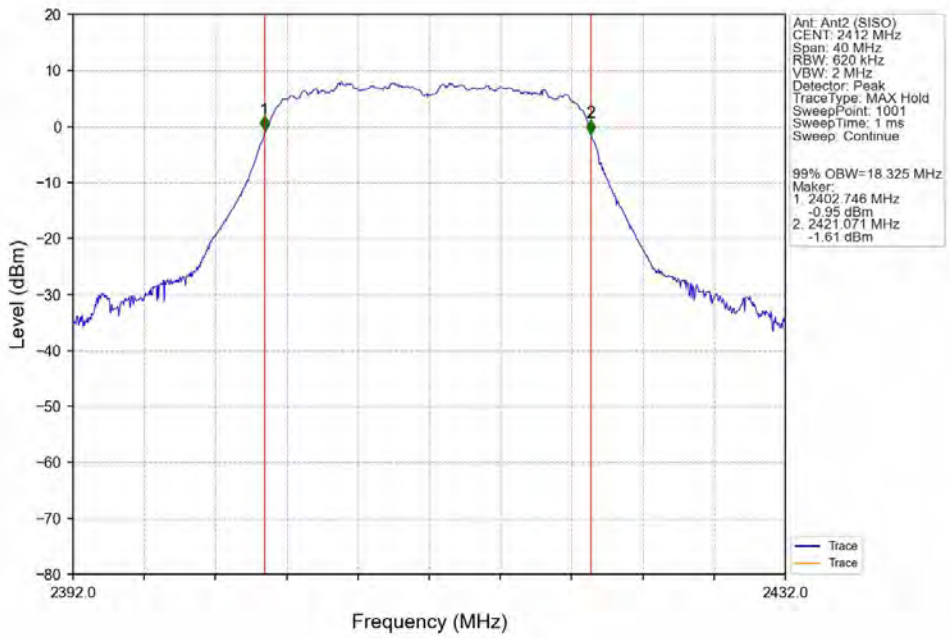

802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



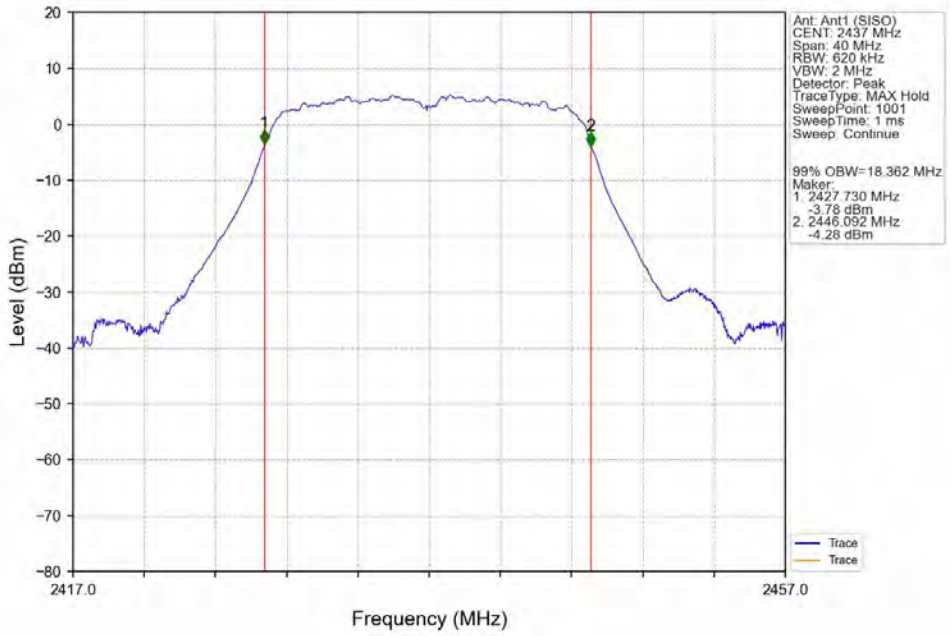
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



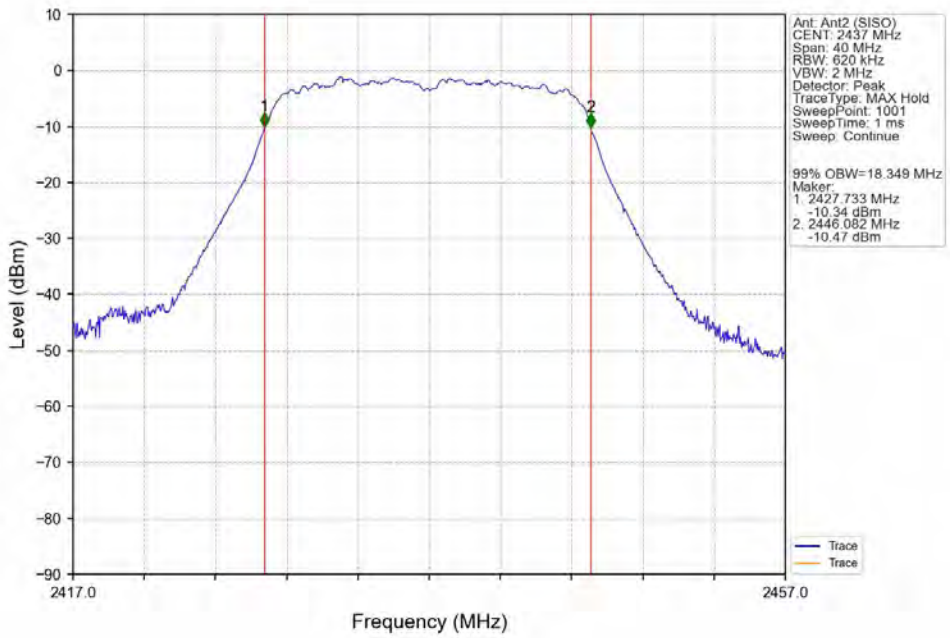

802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



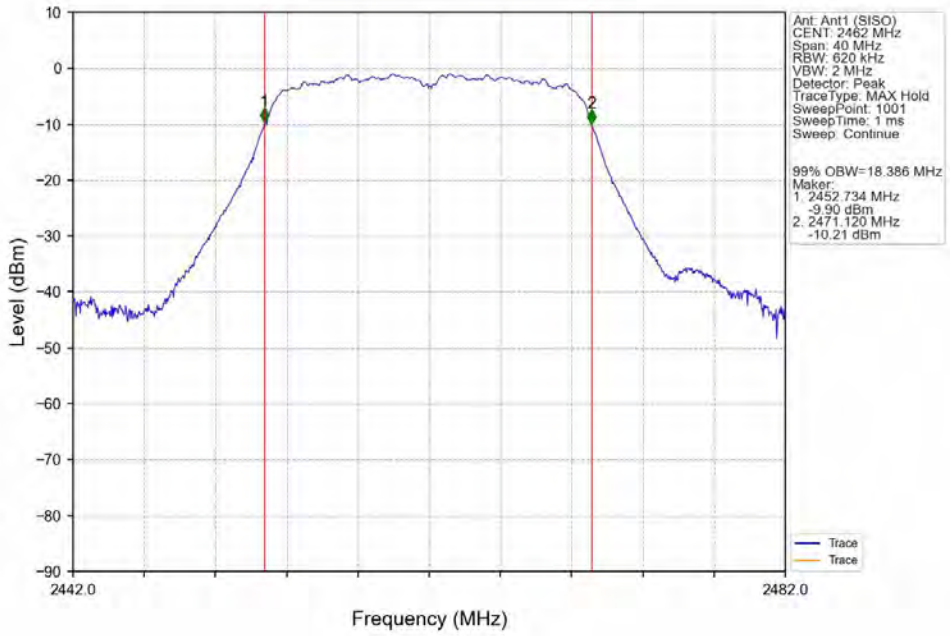
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



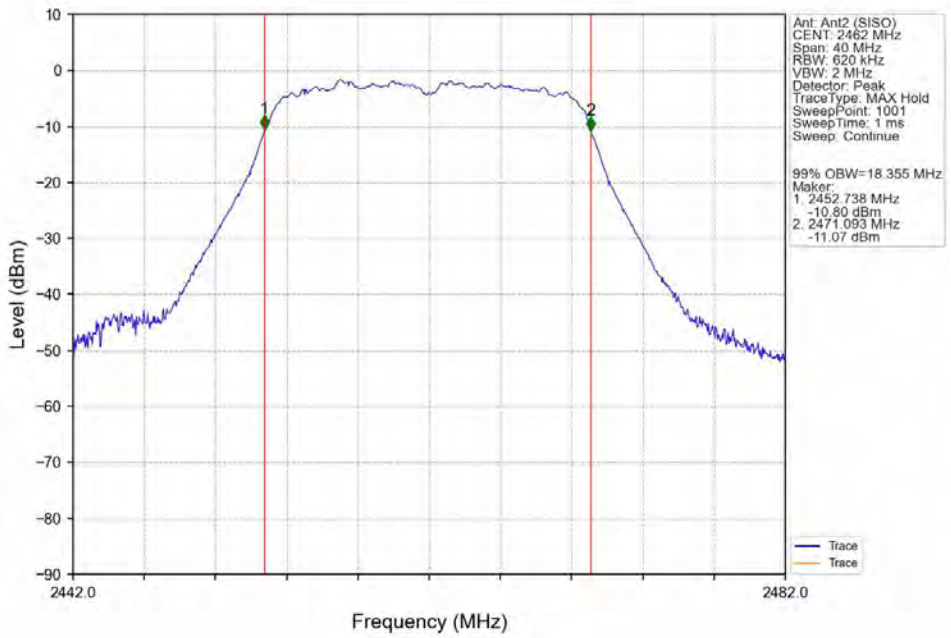

802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



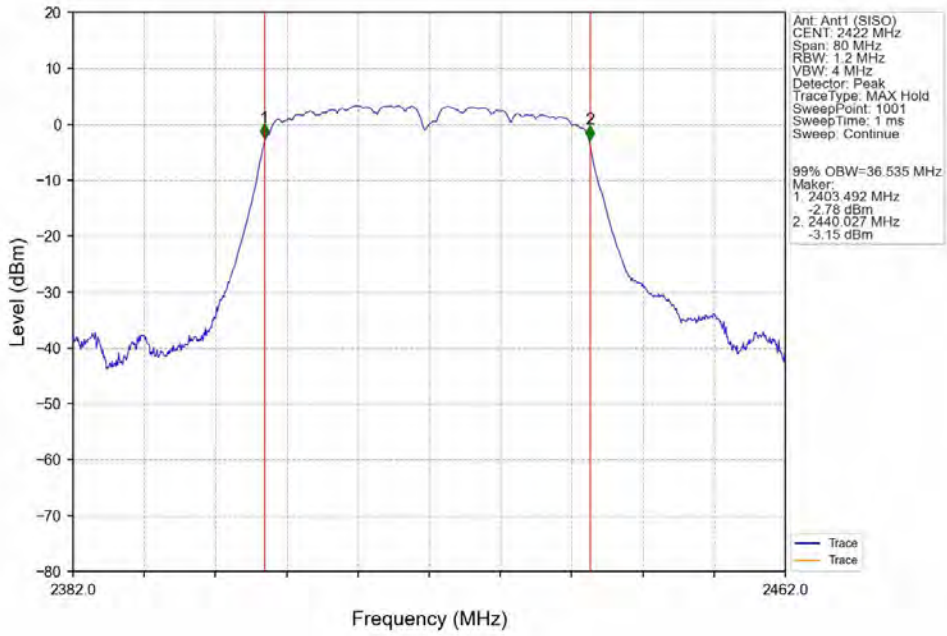
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



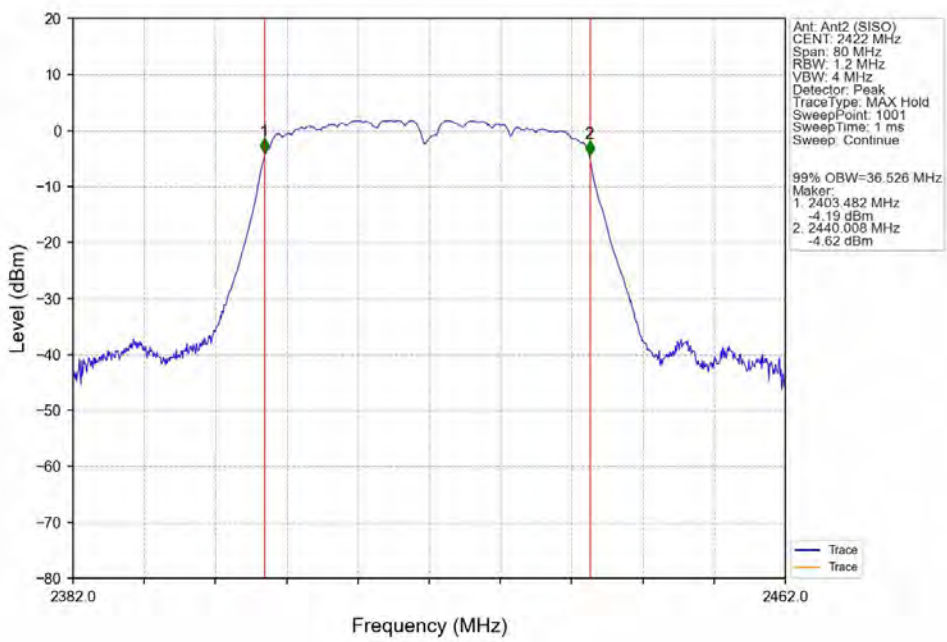

802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



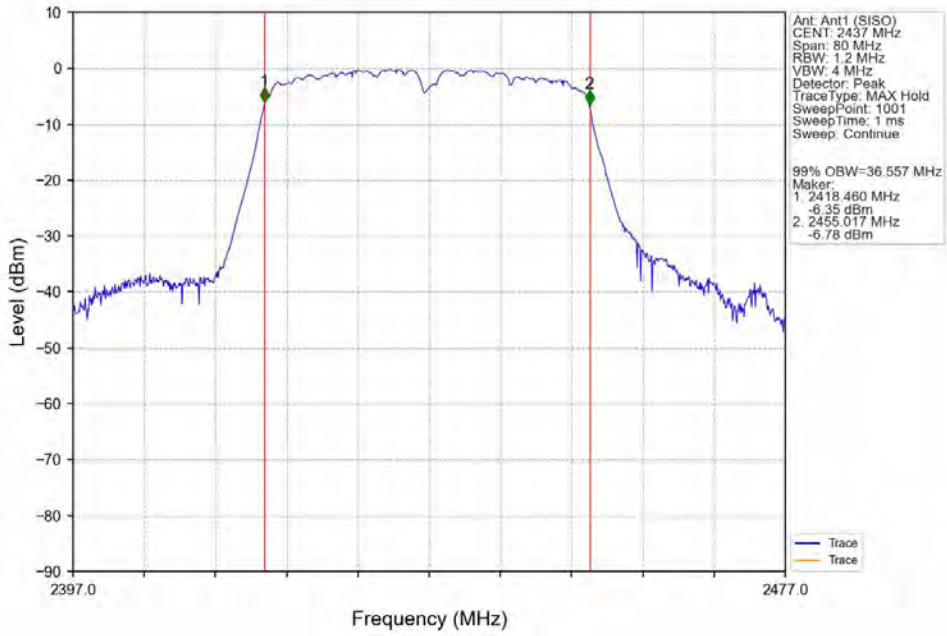
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



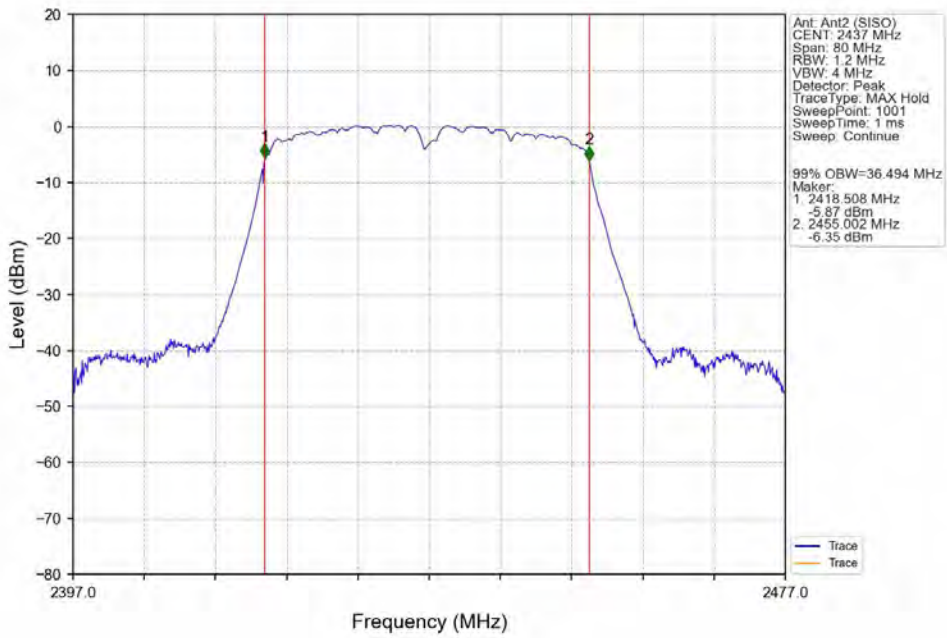

802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



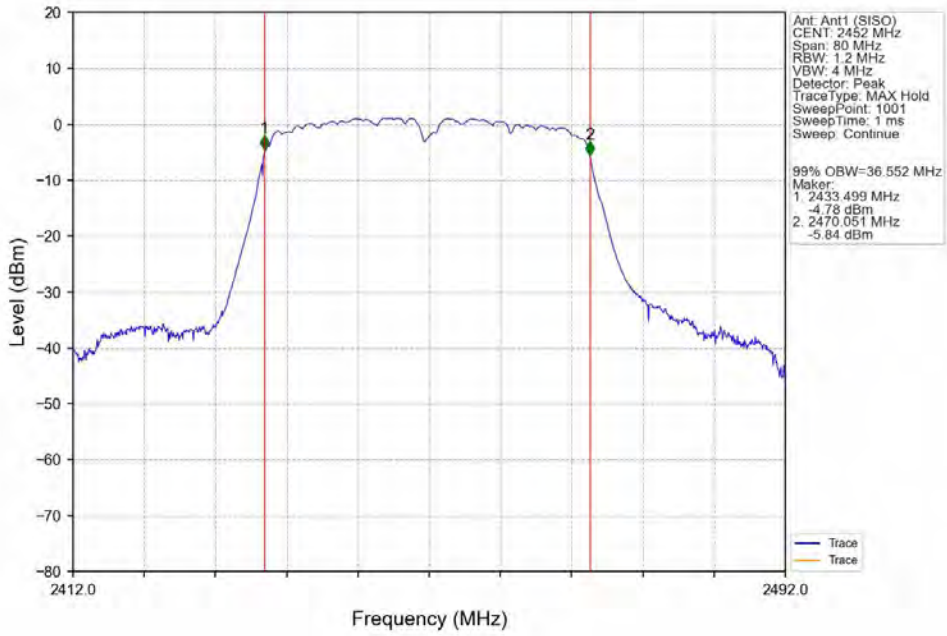
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



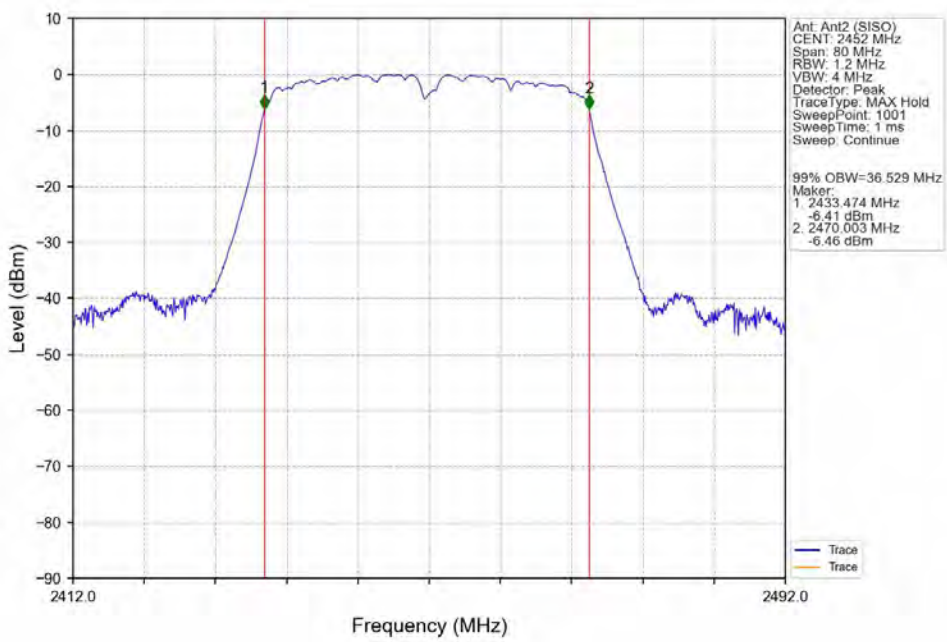

802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

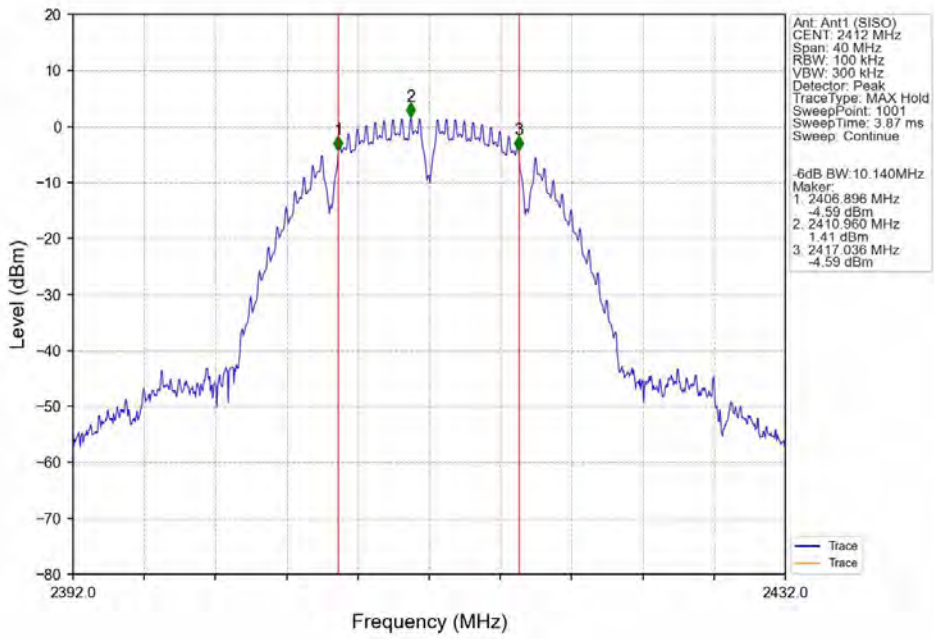



802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV

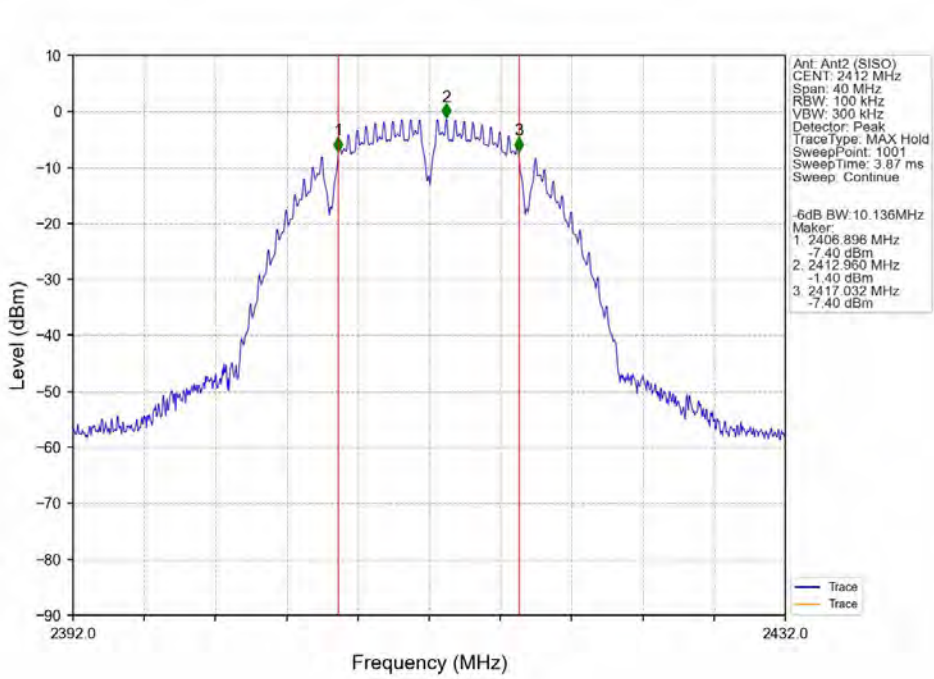


## 2.2.2 6dB BW

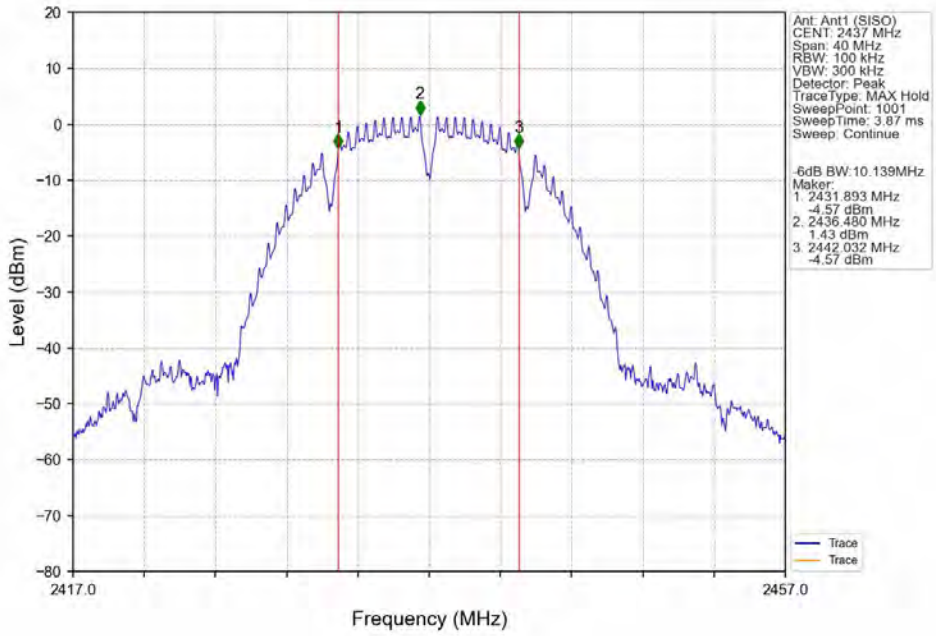
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



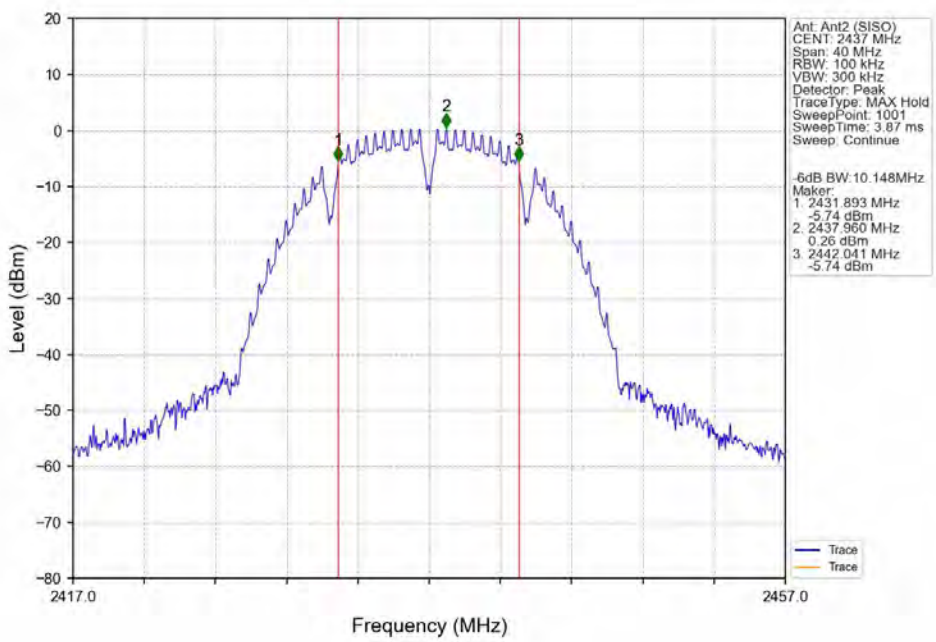

802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



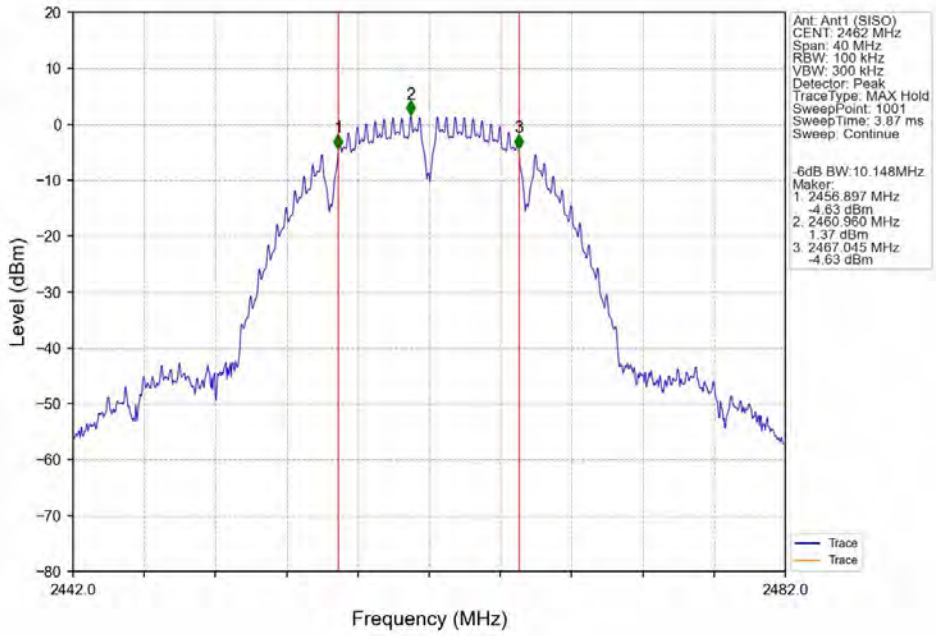
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



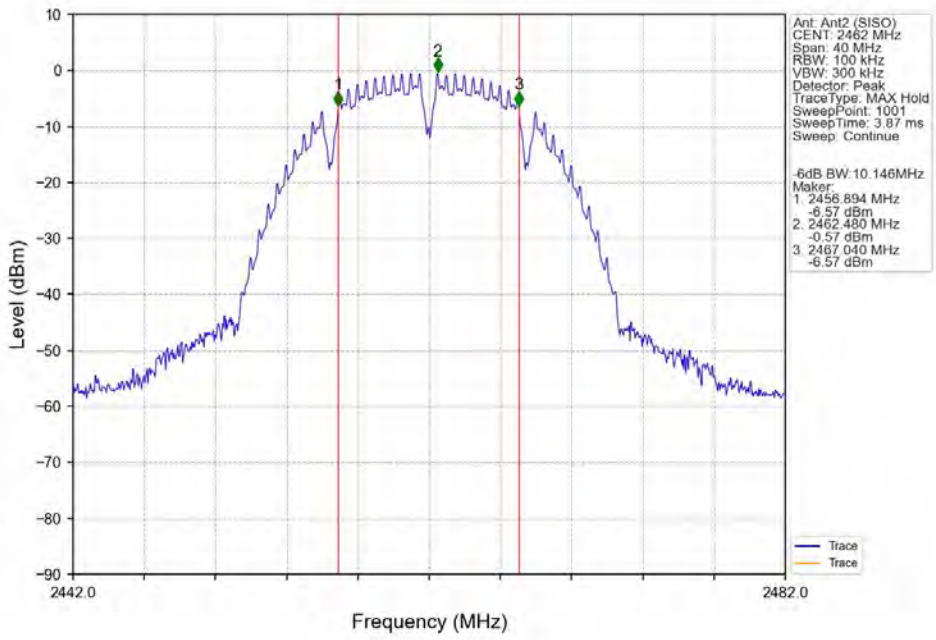

802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



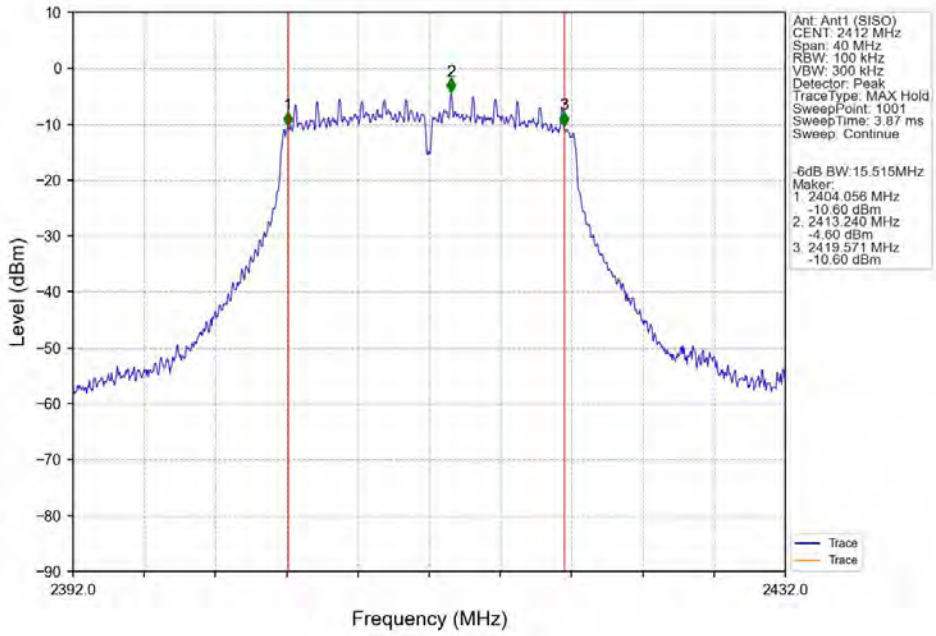
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



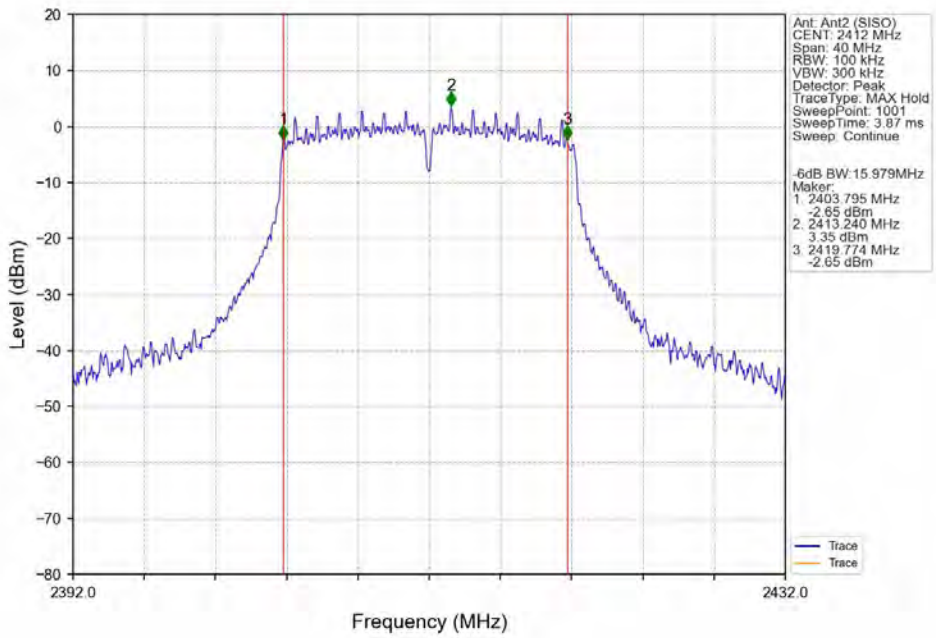

802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



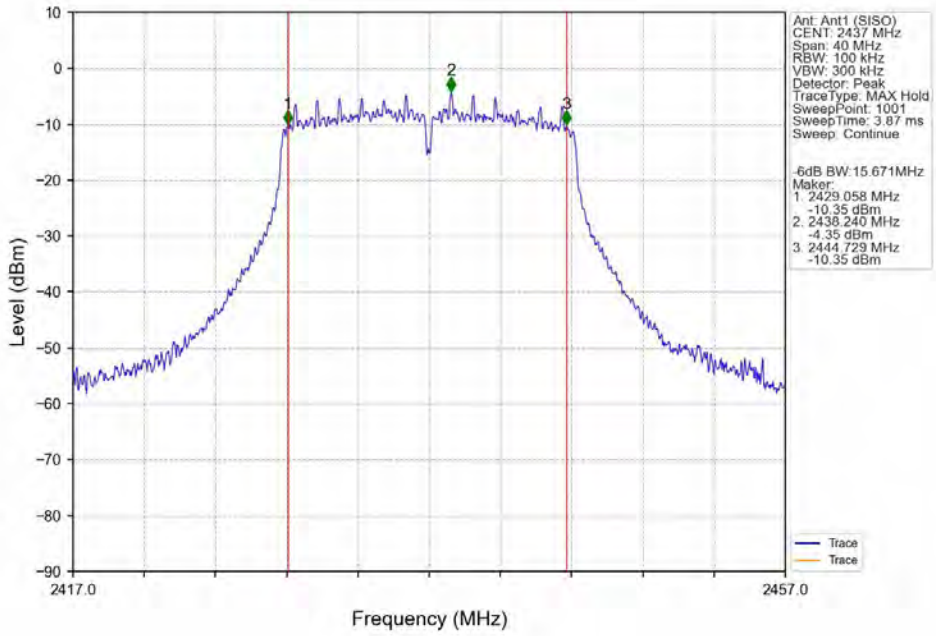
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



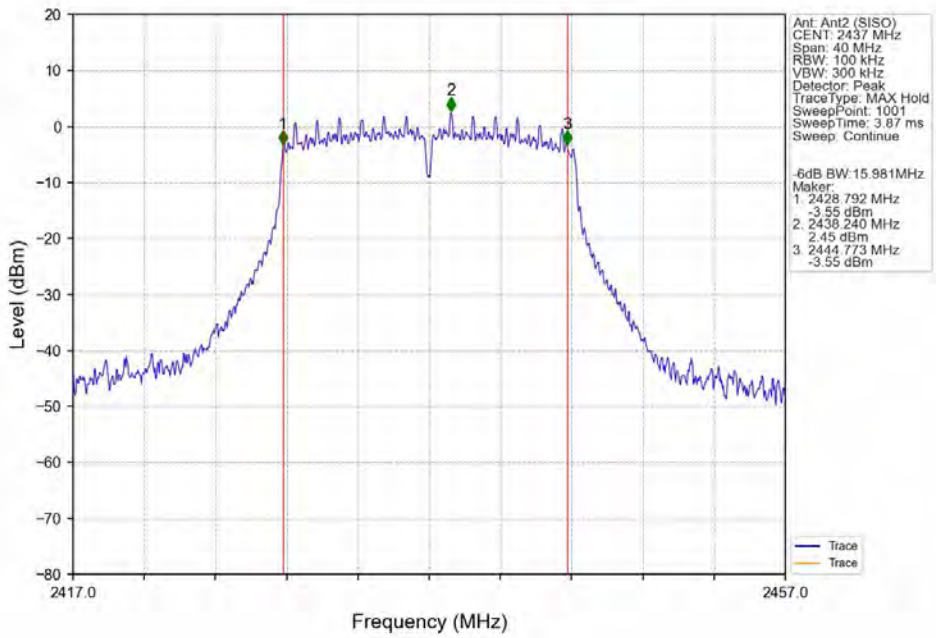

802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



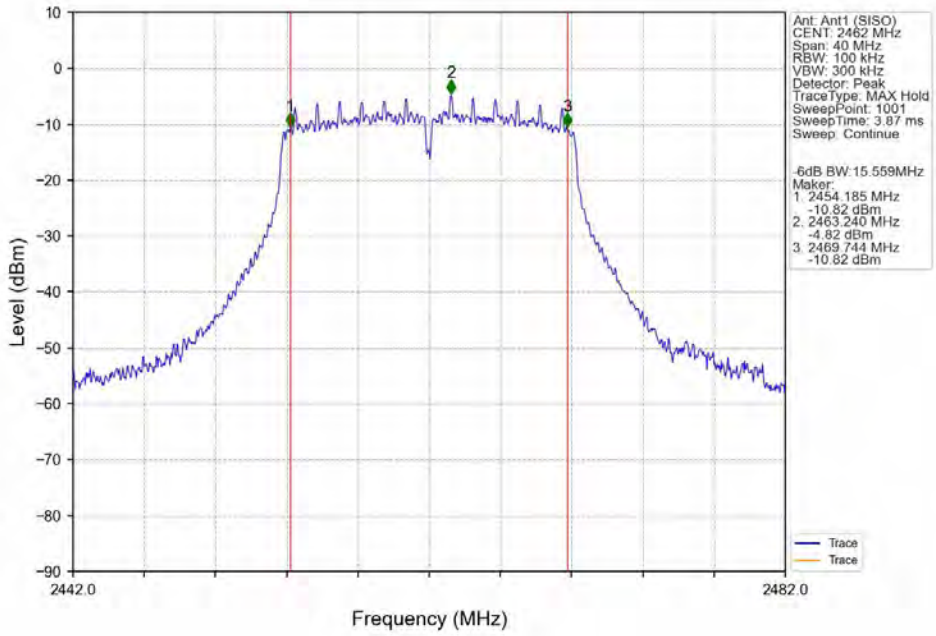
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



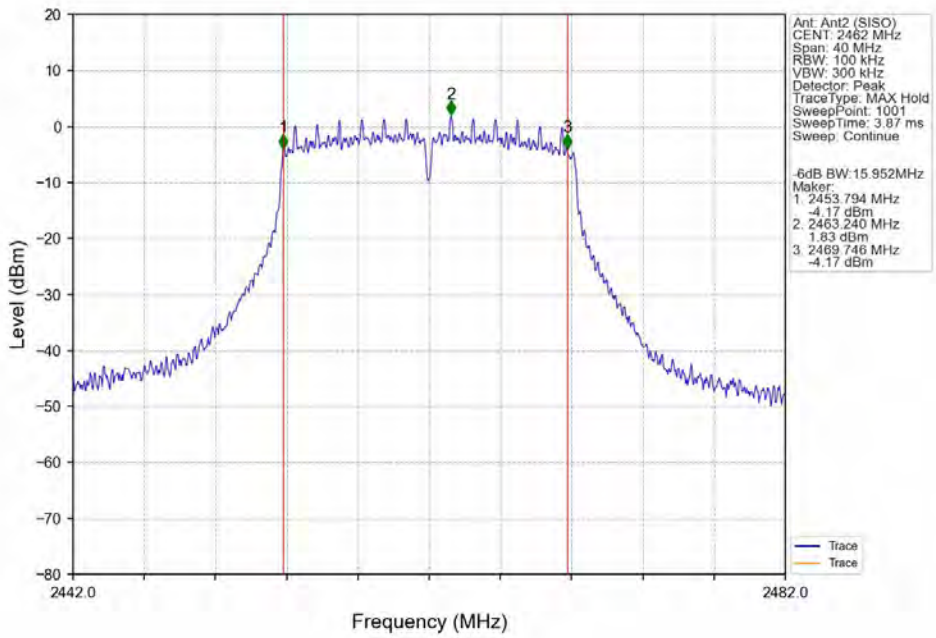

802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



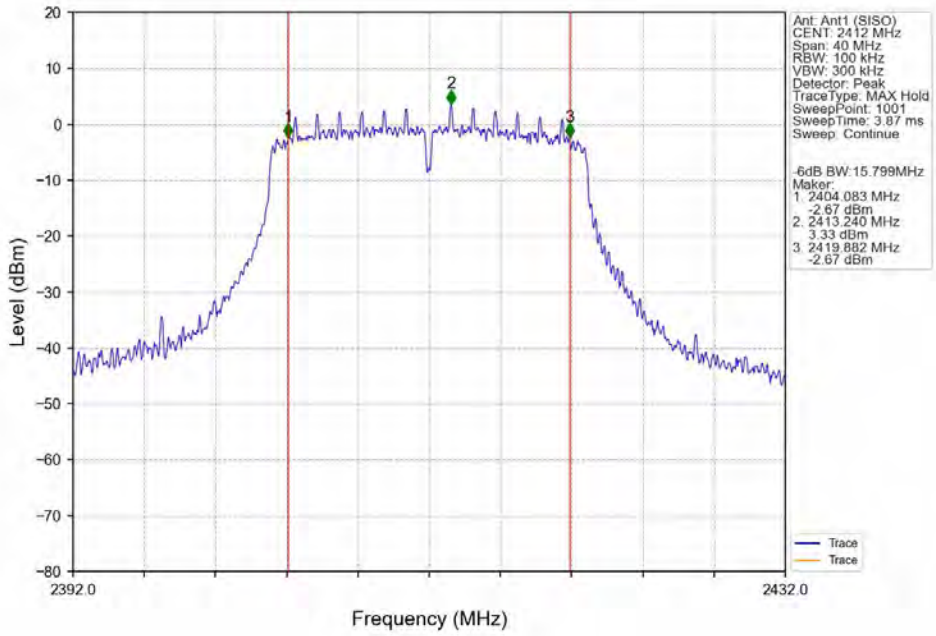
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



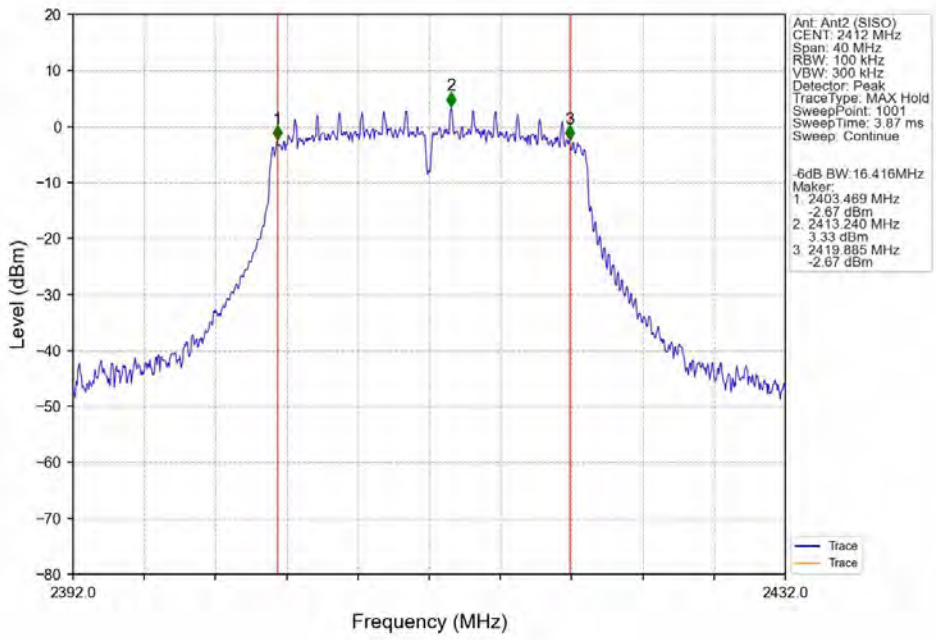

802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



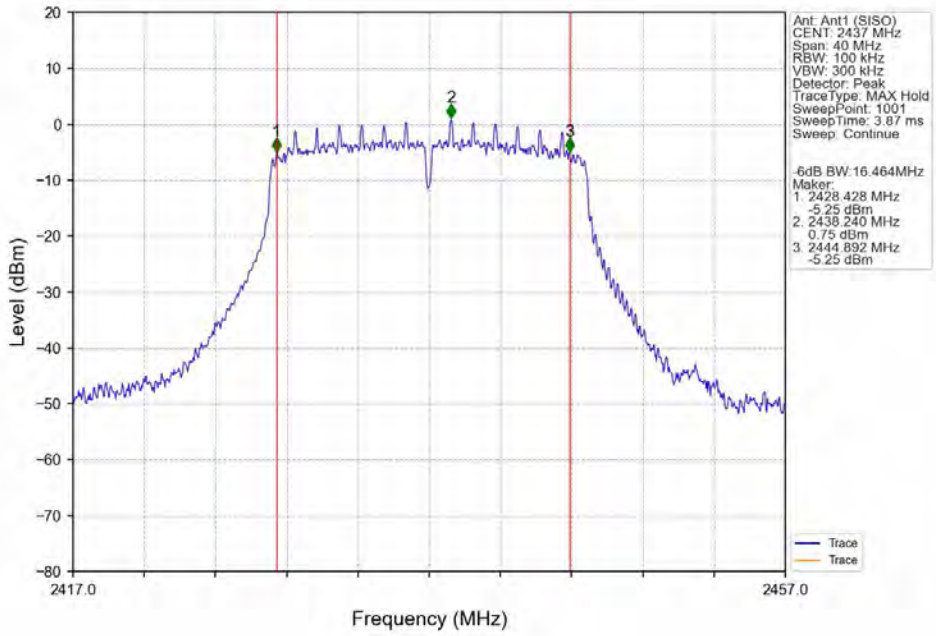
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



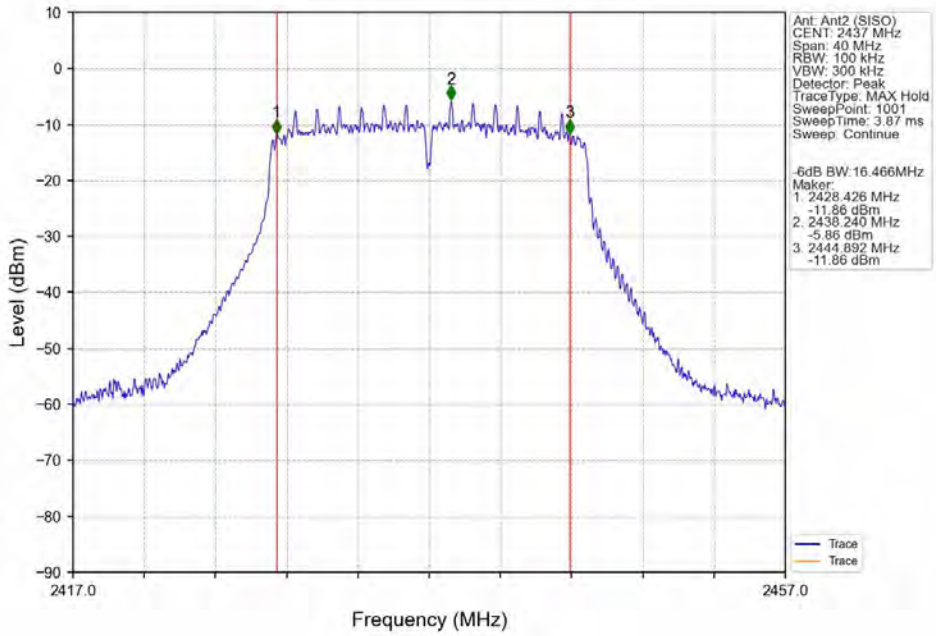

802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



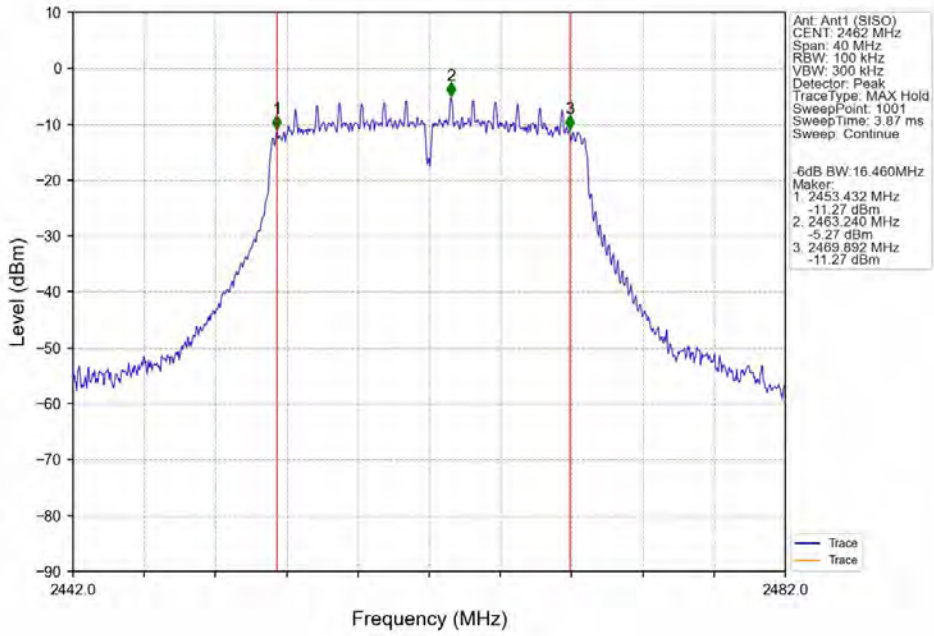
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



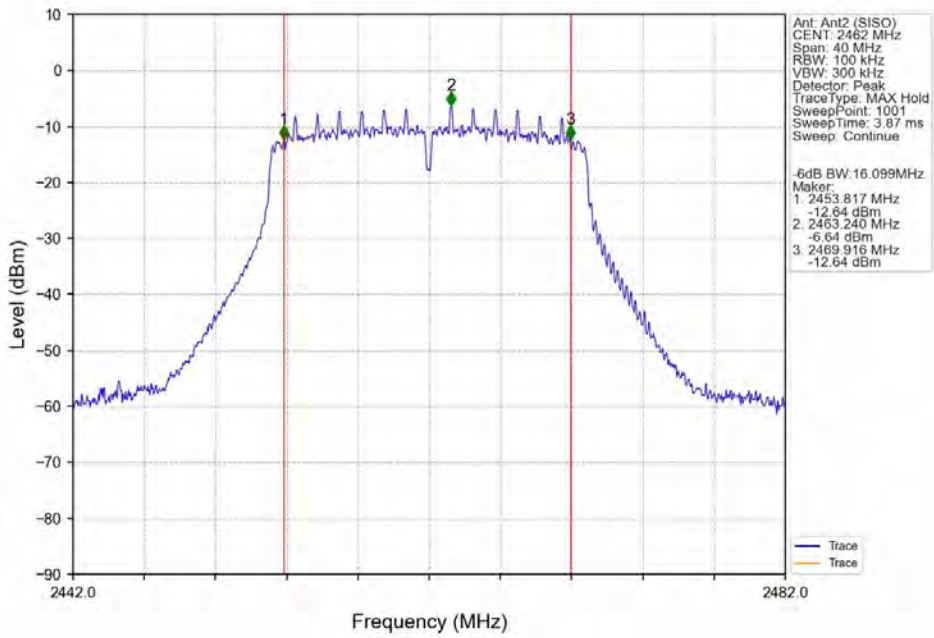

802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



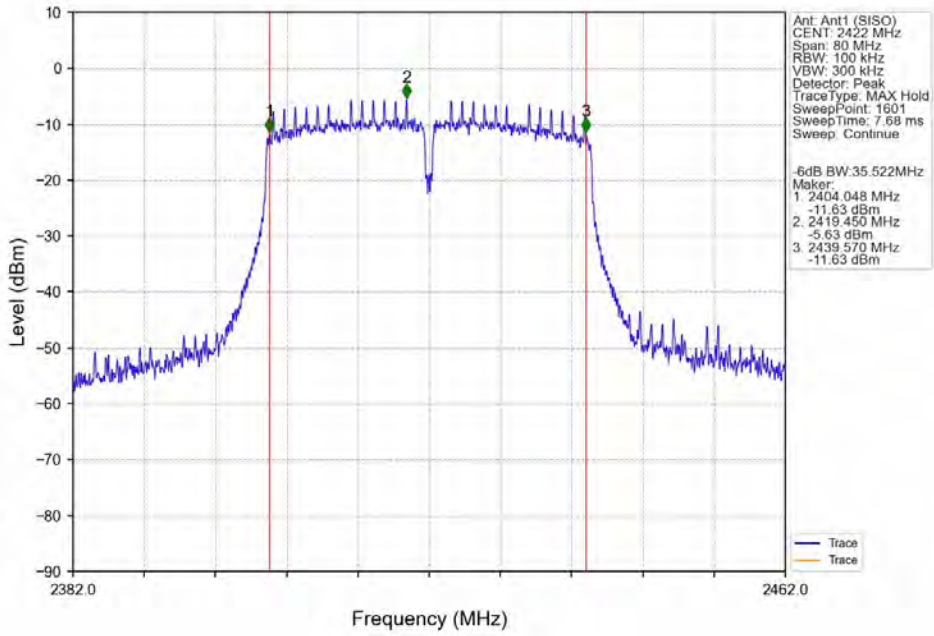
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



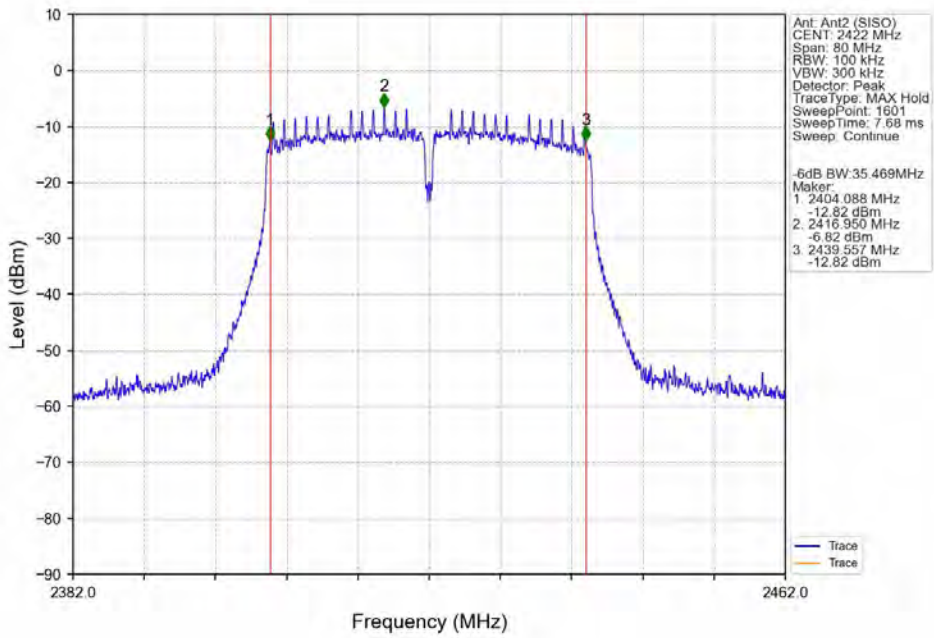

802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



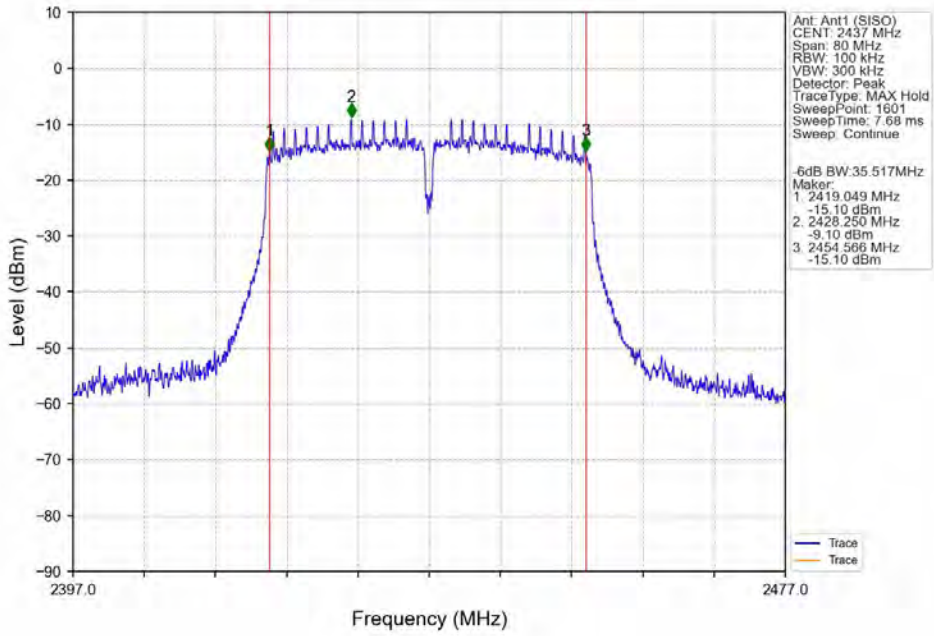
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



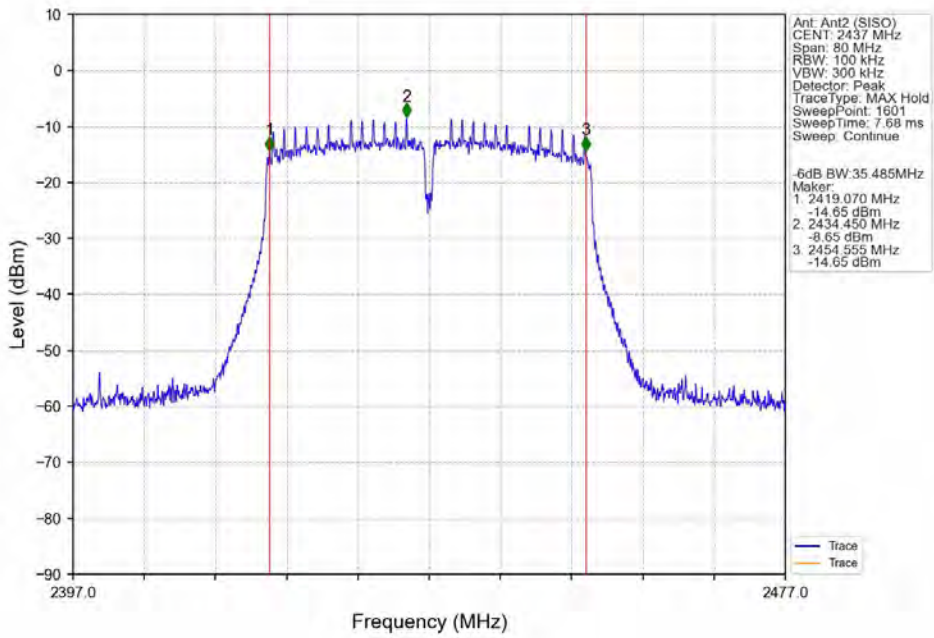

802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



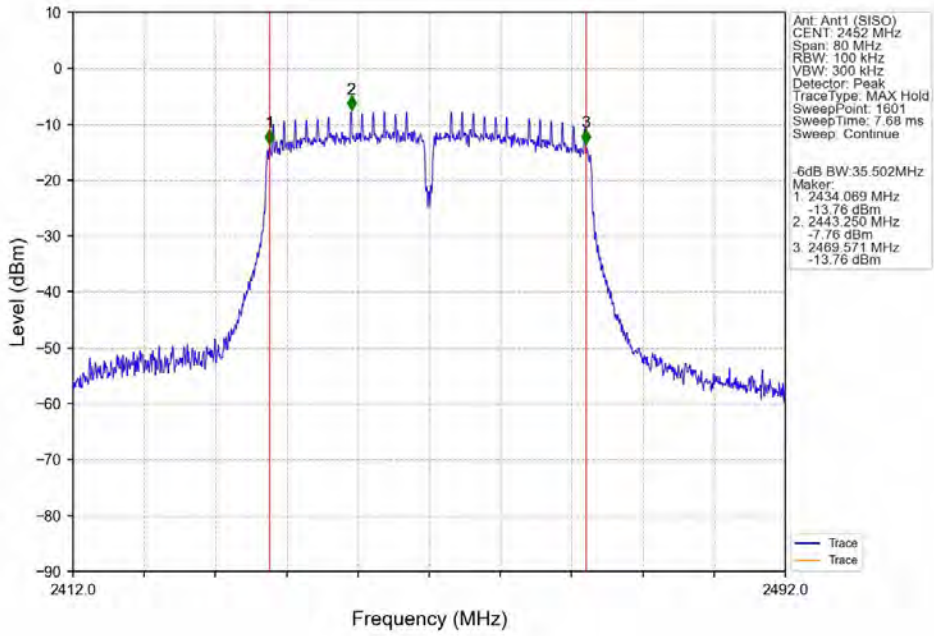
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



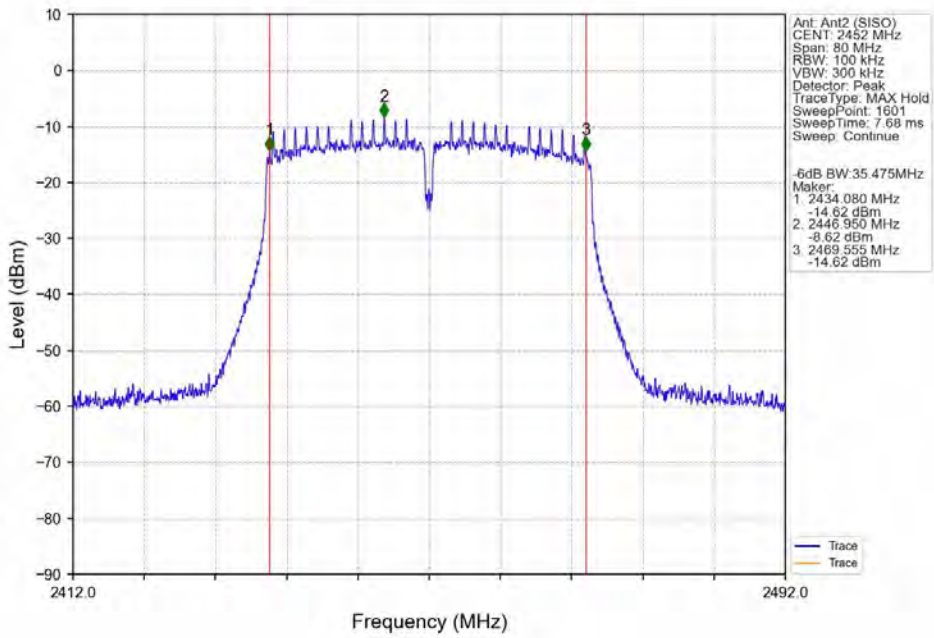

802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



# 3. Maximum Conducted Output Power

## 3.1 Test Result

### 3.1.1 Power

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) | | | | Verdict |
|---|---|---|---|---|---|---|---|
| | | | ANT1 | ANT2 | MIMO | Limit | |
| 802.11b | SISO | 2412 | 13.13 | 13.13 | / | <=30 | Pass |
| | | 2437 | 13.22 | 13.11 | / | <=30 | Pass |
| | | 2462 | 13.19 | 12.37 | / | <=30 | Pass |
| 802.11g | SISO | 2412 | 13.68 | 13.36 | / | <=30 | Pass |
| | | 2437 | 13.87 | 13.79 | / | <=30 | Pass |
| | | 2462 | 13.41 | 13.34 | / | <=30 | Pass |
| 802.11n (HT20) | MIMO | 2412 | 14.70 | 13.40 | 17.11 | <=30 | Pass |
| | | 2437 | 13.23 | 12.39 | 15.84 | <=30 | Pass |
| | | 2462 | 13.83 | 12.65 | 16.29 | <=30 | Pass |
| 802.11n (HT40) | MIMO | 2422 | 13.16 | 13.23 | 16.21 | <=30 | Pass |
| | | 2437 | 12.86 | 12.22 | 15.56 | <=30 | Pass |
| | | 2452 | 13.63 | 12.98 | 16.33 | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 2.46dBi; Ant2: 2.46dBi;<br>Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain) | | | | | | | |

# 4. Maximum Power Spectral Density

## 4.1 Test Result

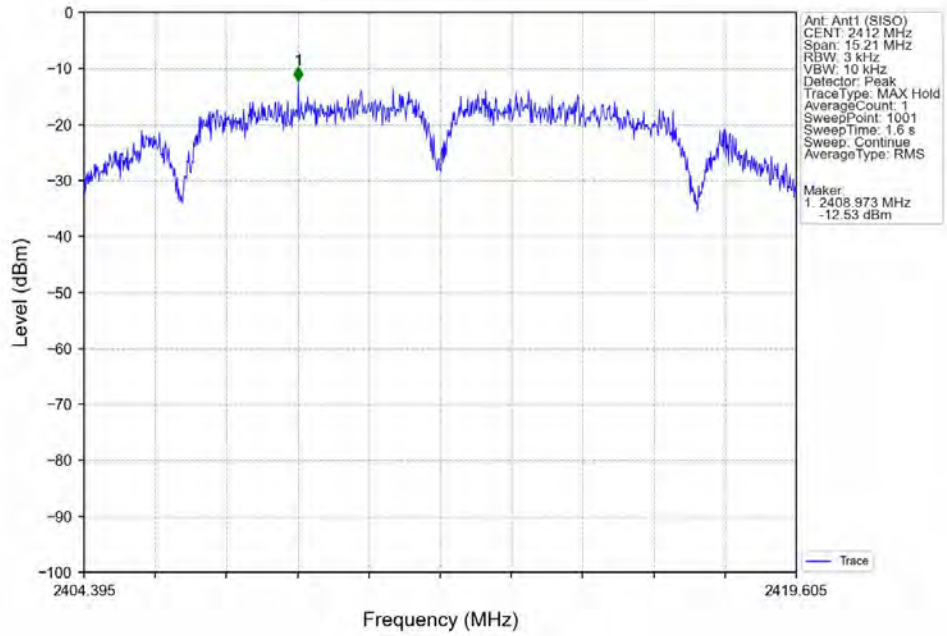
### 4.1.1 PSD

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) | | | | Verdict |
|---|---|---|---|---|---|---|---|
| | | | ANT1 | ANT2 | MIMO | Limit | |
| 802.11b | SISO | 2412 | -12.53 | -14.08 | / | <=8 | Pass |
| | | 2437 | -14.06 | -12.27 | / | <=8 | Pass |
| | | 2462 | -12.63 | -14.57 | / | <=8 | Pass |
| 802.11g | SISO | 2412 | -19.48 | -19.85 | / | <=8 | Pass |
| | | 2437 | -19.82 | -19.60 | / | <=8 | Pass |
| | | 2462 | -20.25 | -20.85 | / | <=8 | Pass |
| 802.11n (HT20) | MIMO | 2412 | -19.21 | -20.53 | -17.65 | <=8 | Pass |
| | | 2437 | -19.07 | -20.38 | -17.14 | <=8 | Pass |
| | | 2462 | -19.87 | -20.51 | -17.73 | <=8 | Pass |
| 802.11n (HT40) | MIMO | 2422 | -21.76 | -24.20 | -19.80 | <=8 | Pass |
| | | 2437 | -24.47 | -23.77 | -21.95 | <=8 | Pass |
| | | 2452 | -21.64 | -23.64 | -19.51 | <=8 | Pass |
| Note1: Antenna Gain: Ant1: 2.46dBi; Ant2: 2.46dBi;<br>Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain) | | | | | | | |

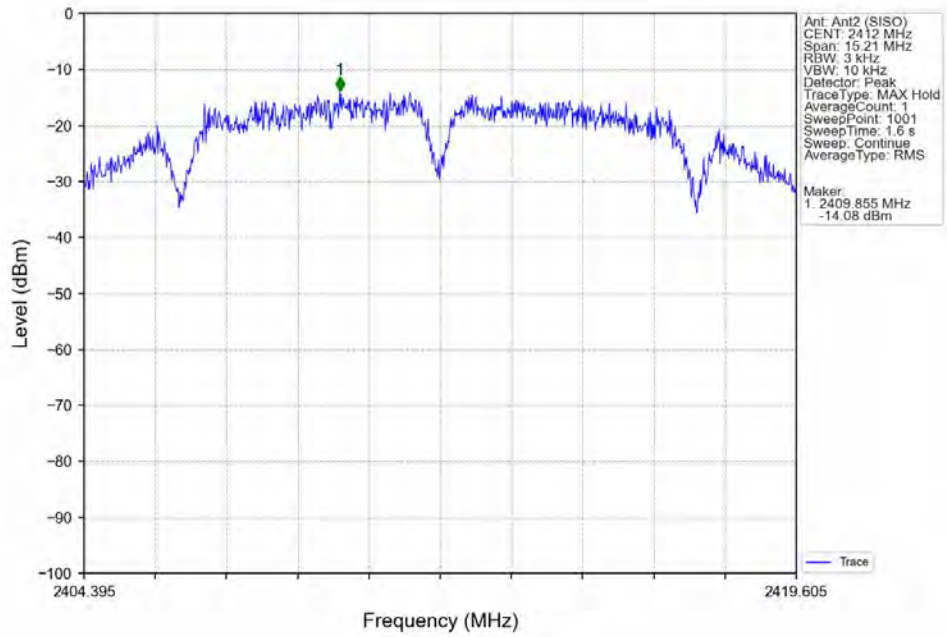
## 4.2 Test Graph

### 4.2.1 PSD

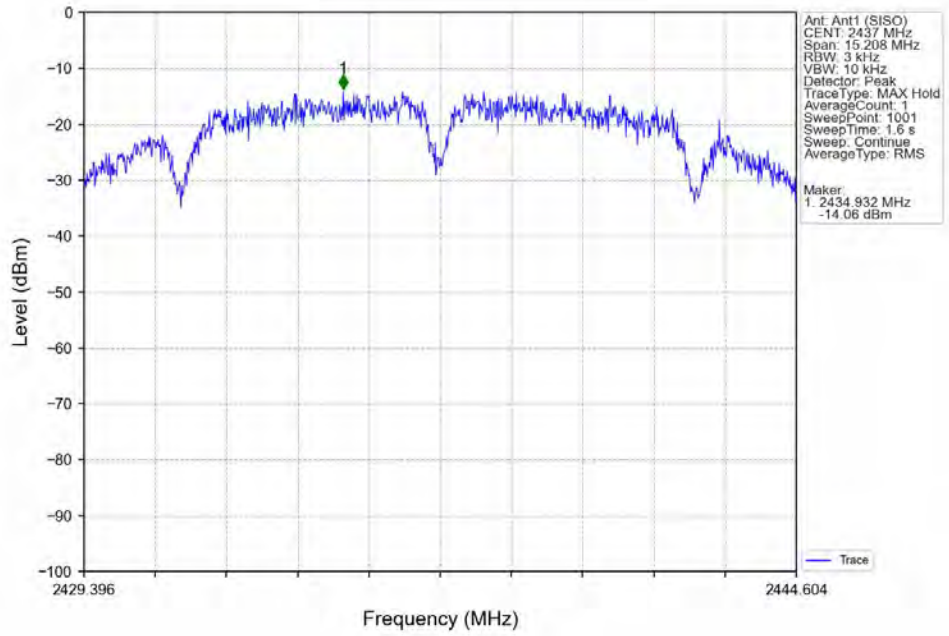
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



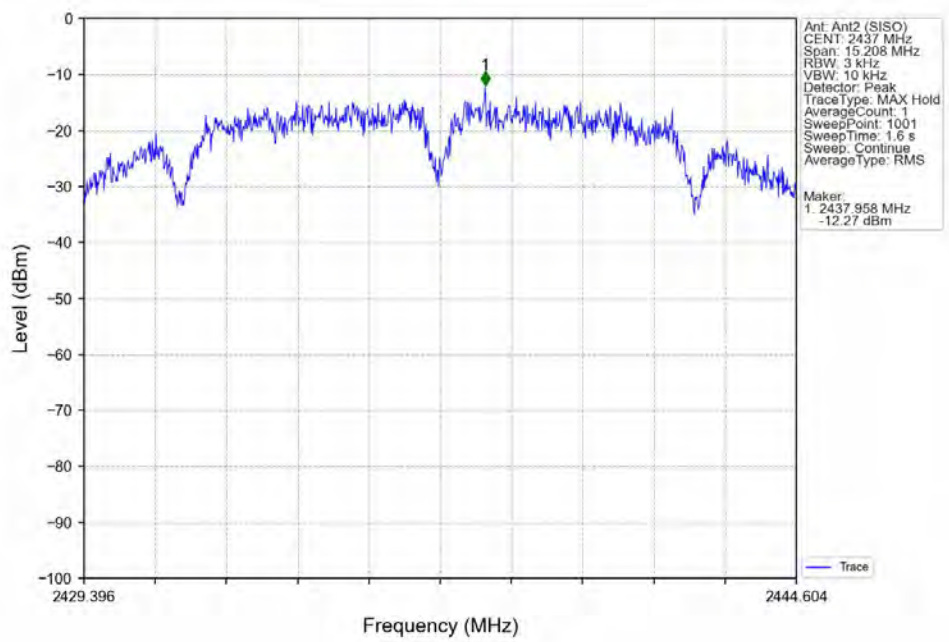

802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



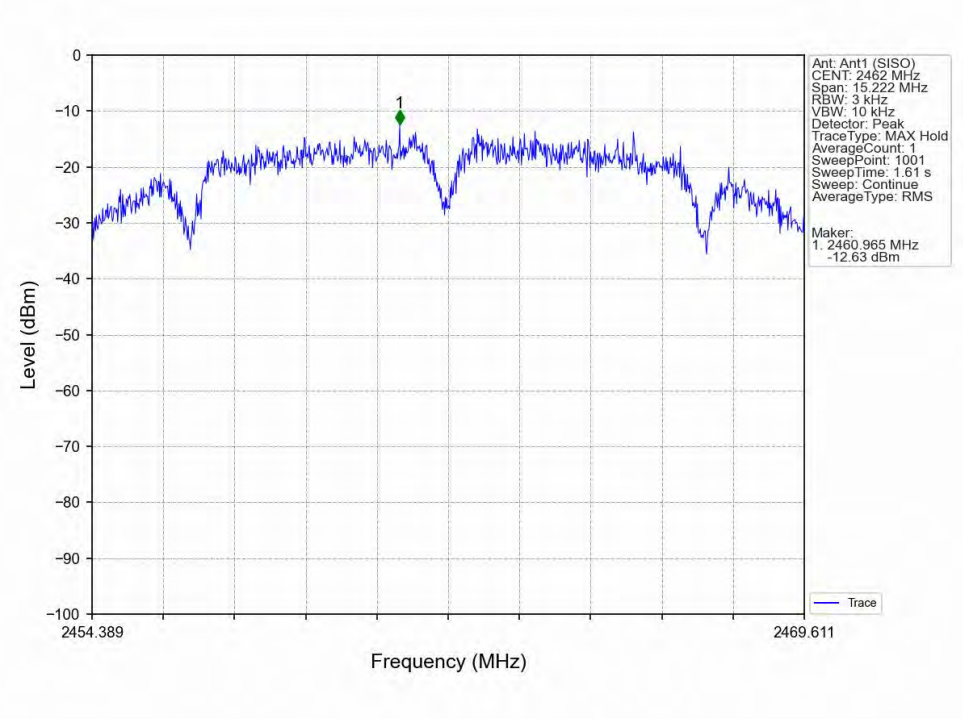
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



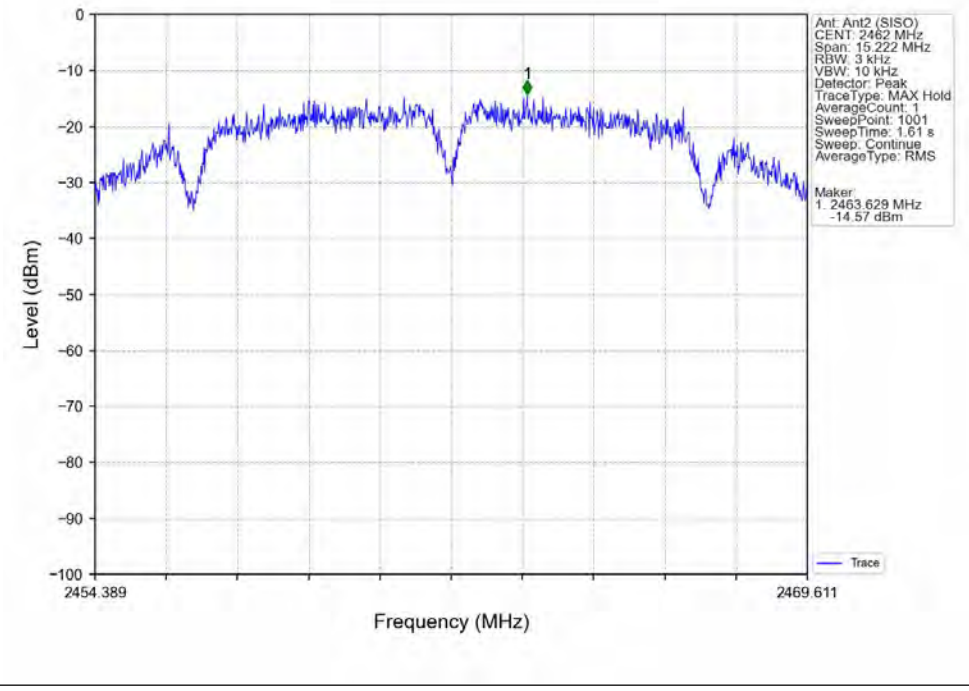

802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



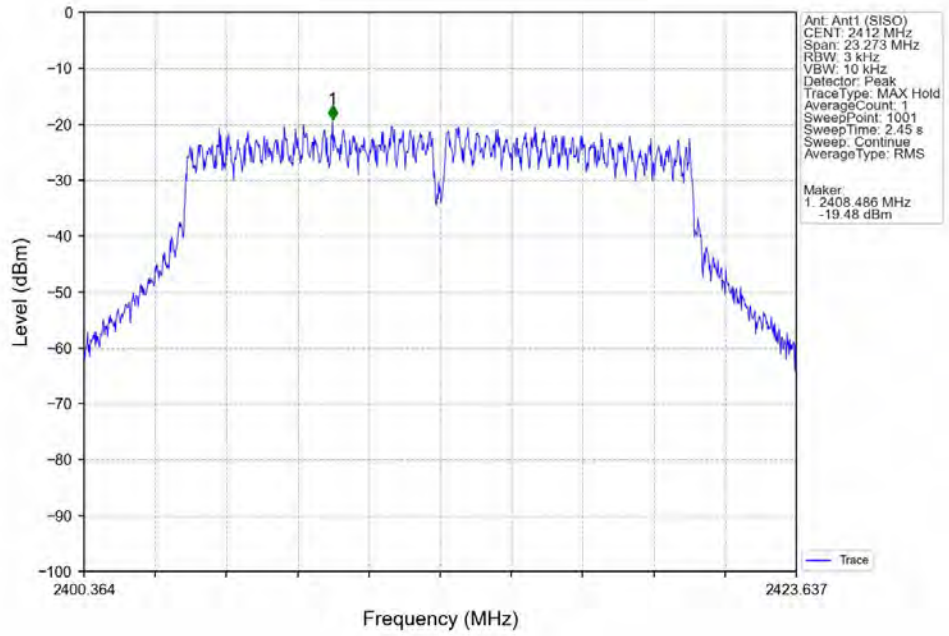
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



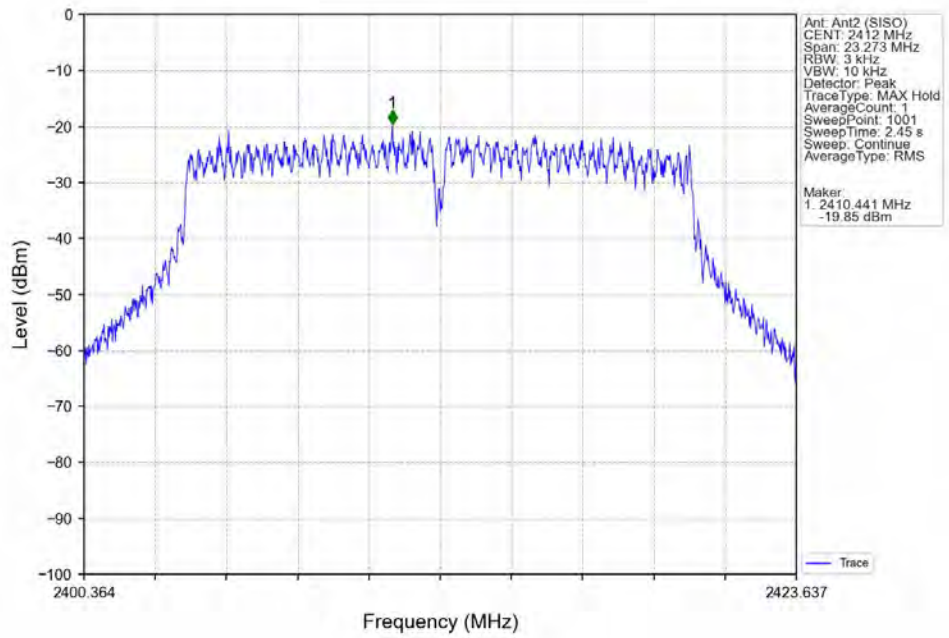

802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



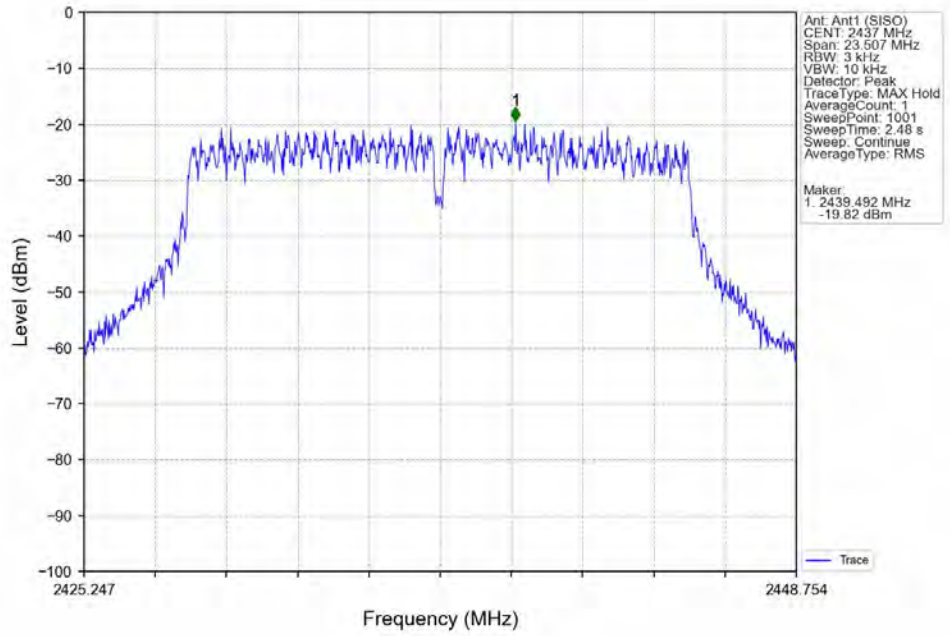
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



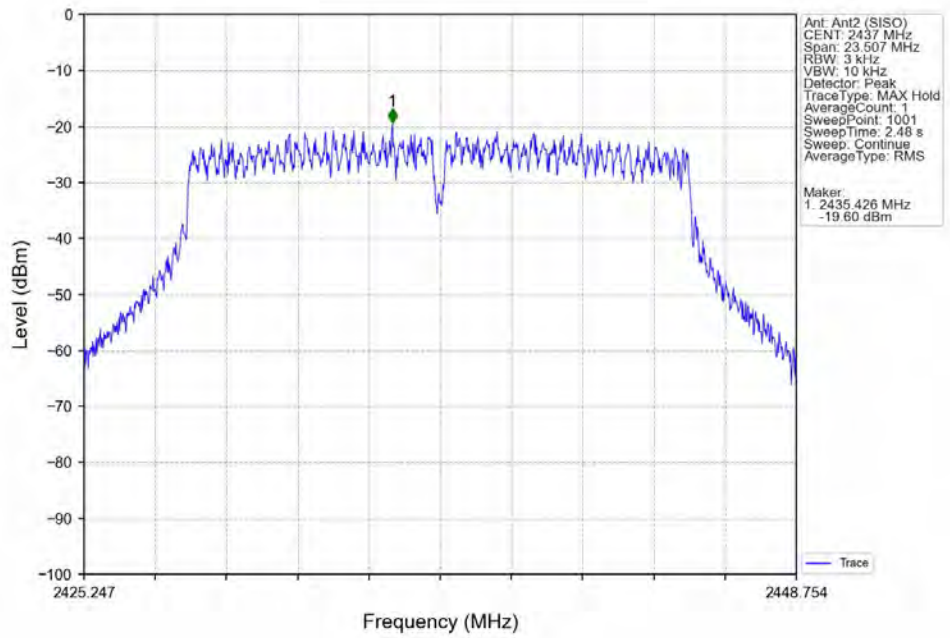

802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



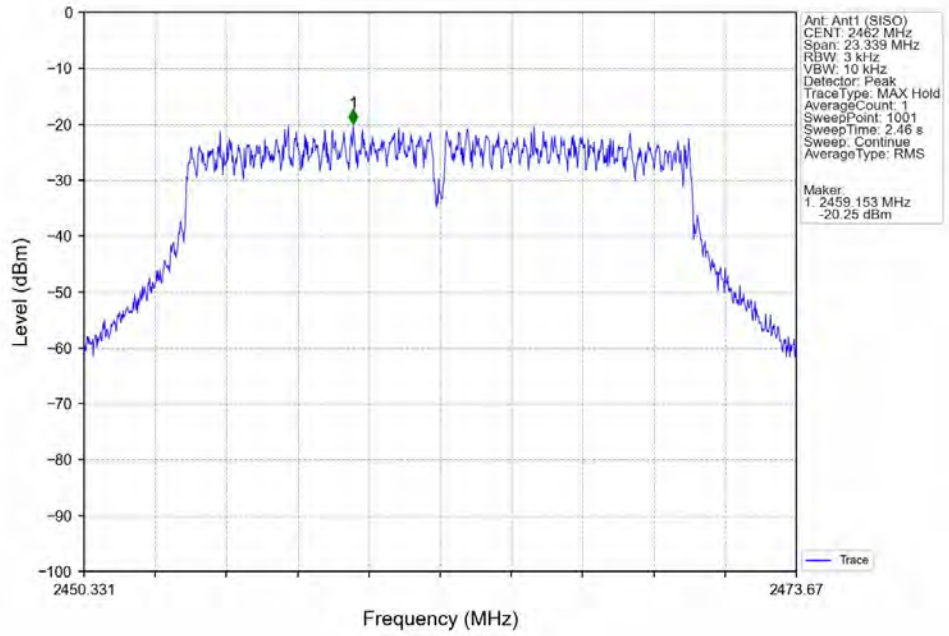
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



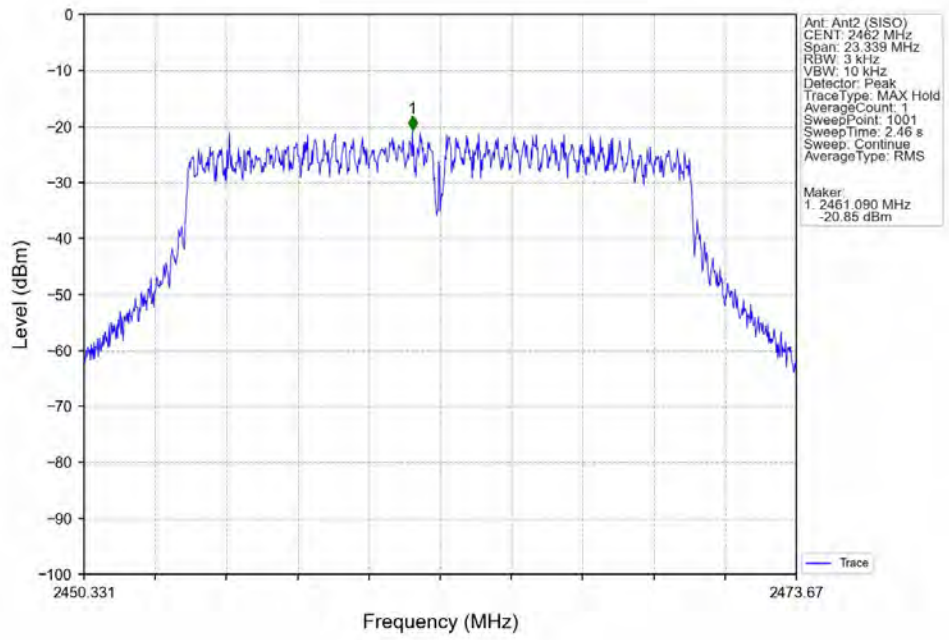

802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



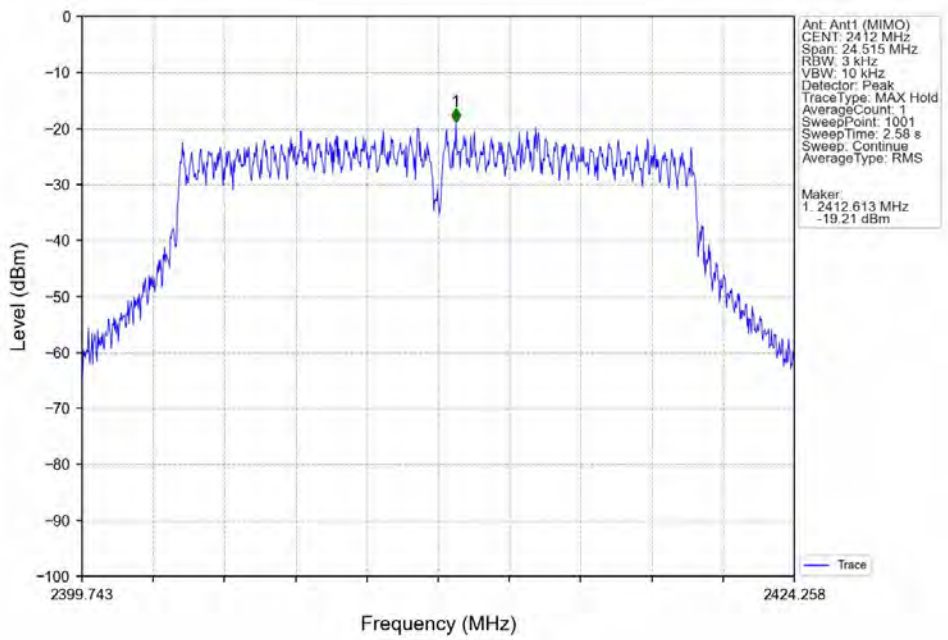
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



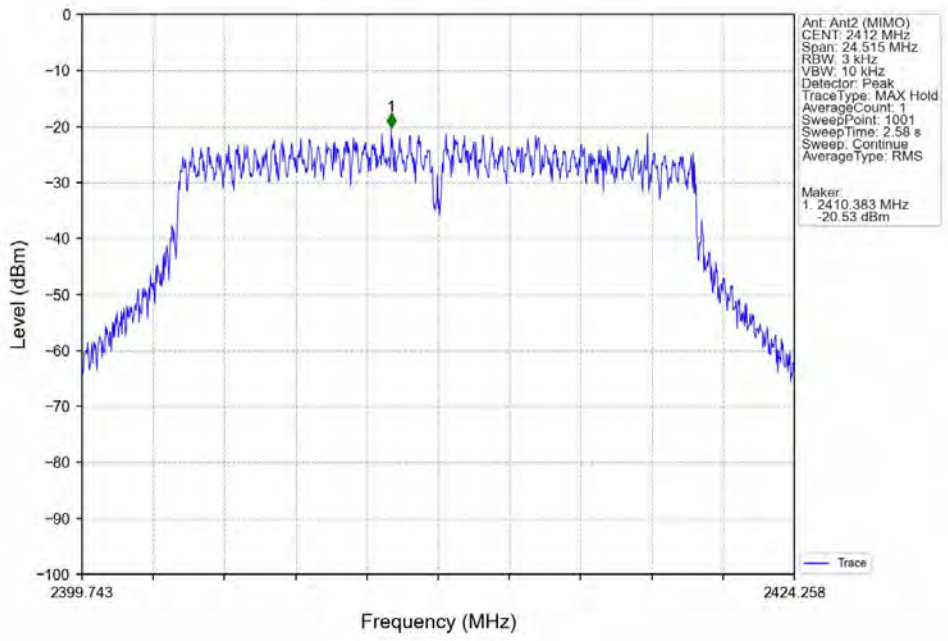

802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



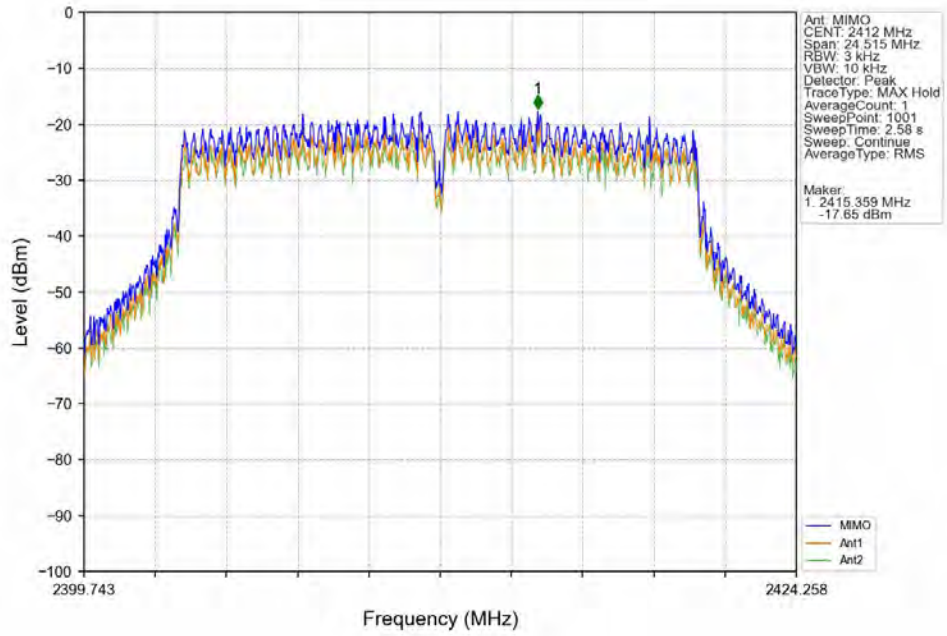
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



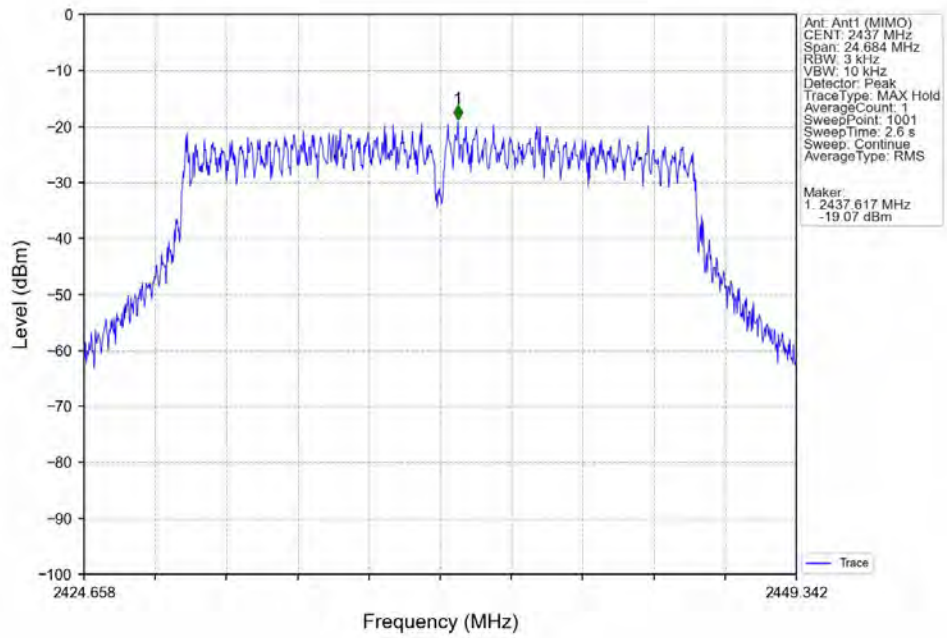

802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



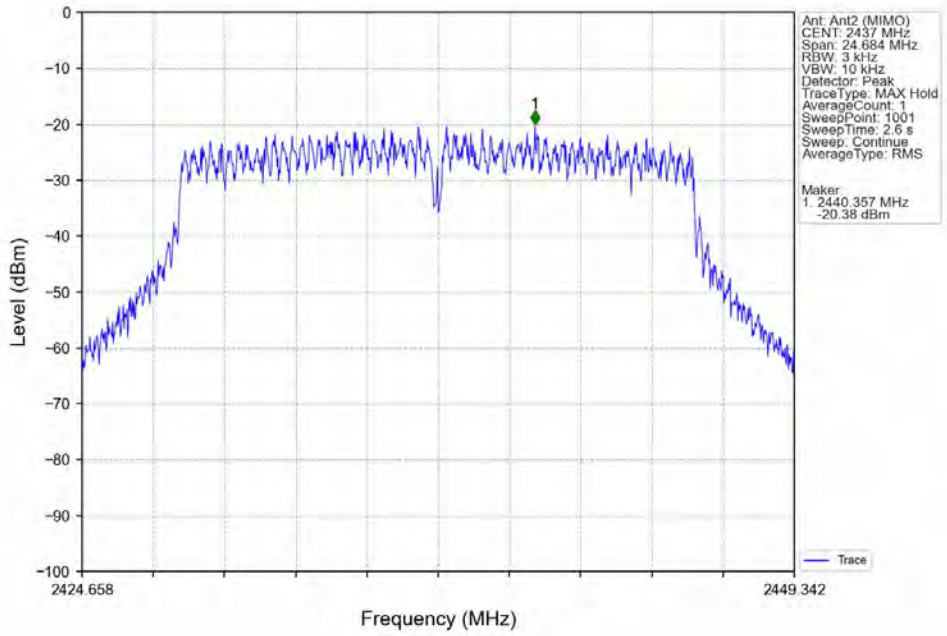
802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



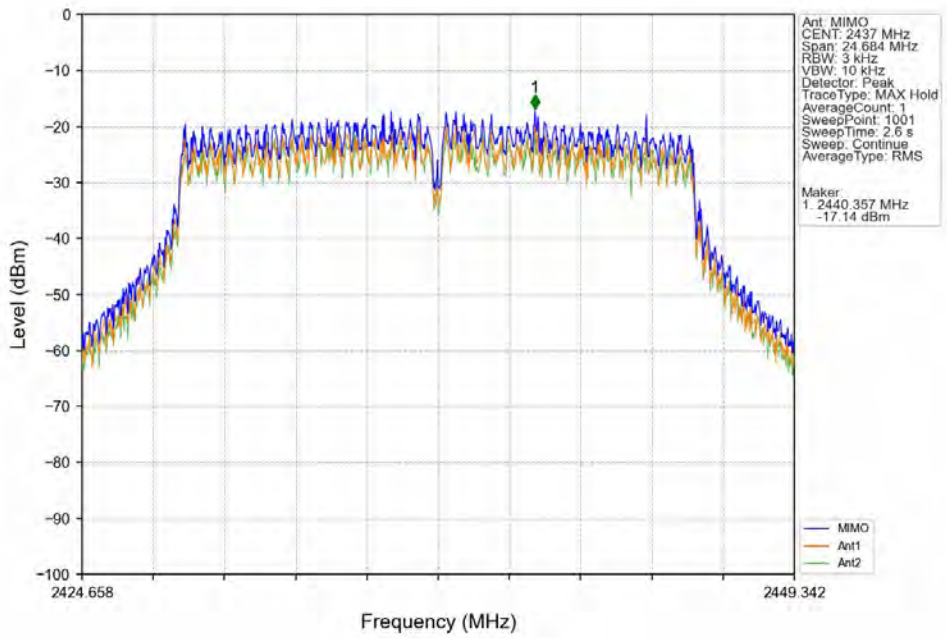

802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



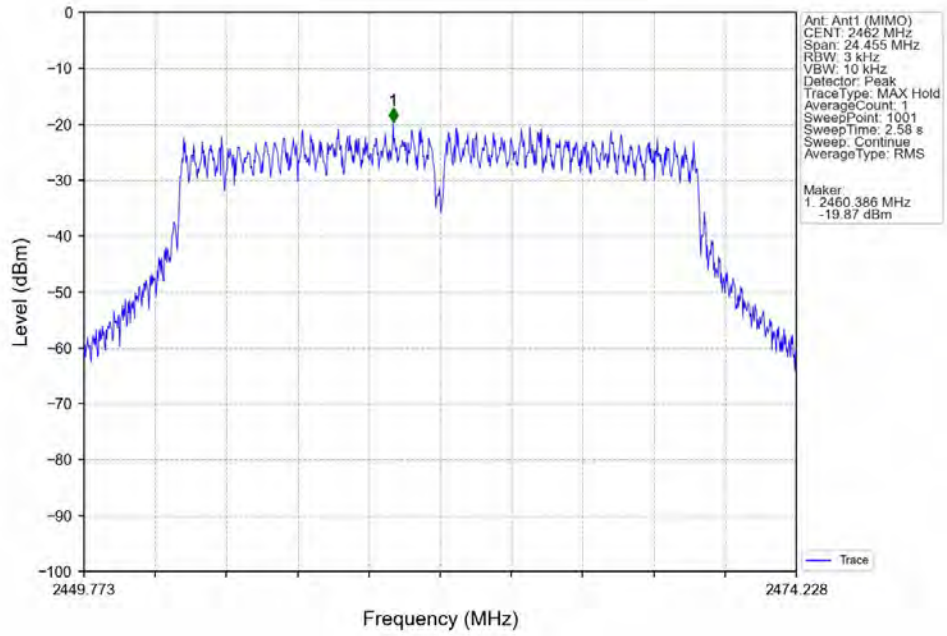
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



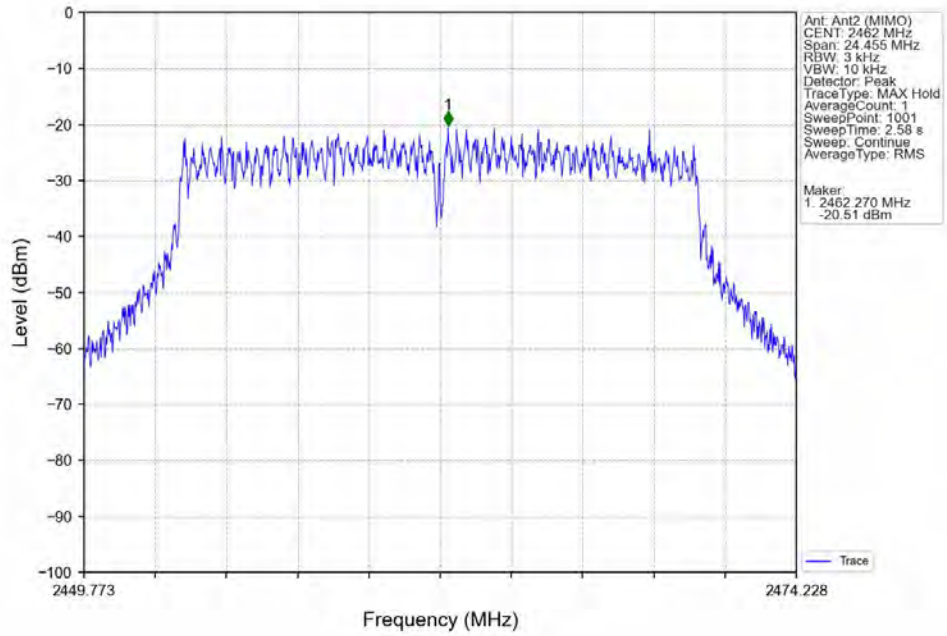

802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



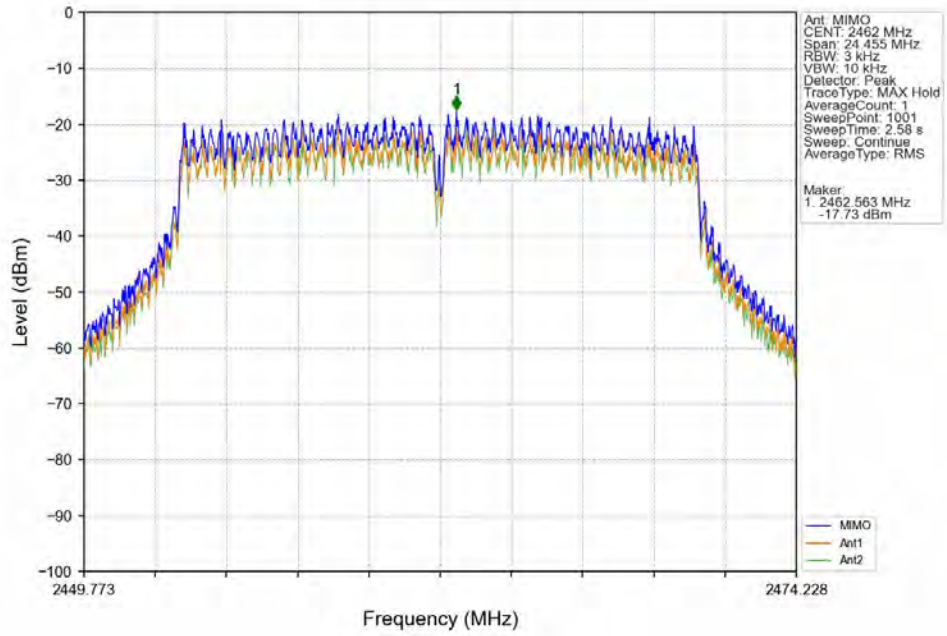
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



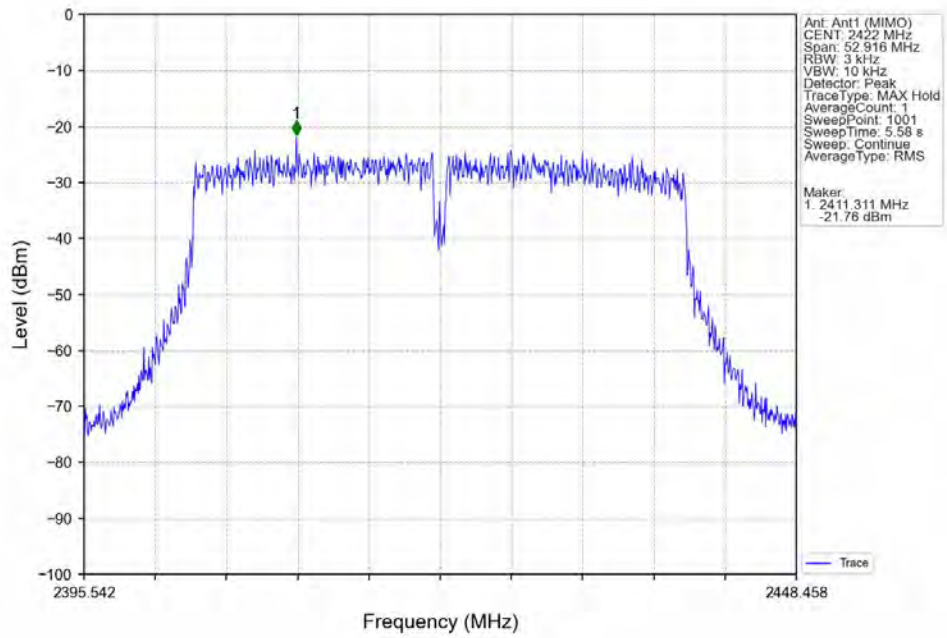

802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



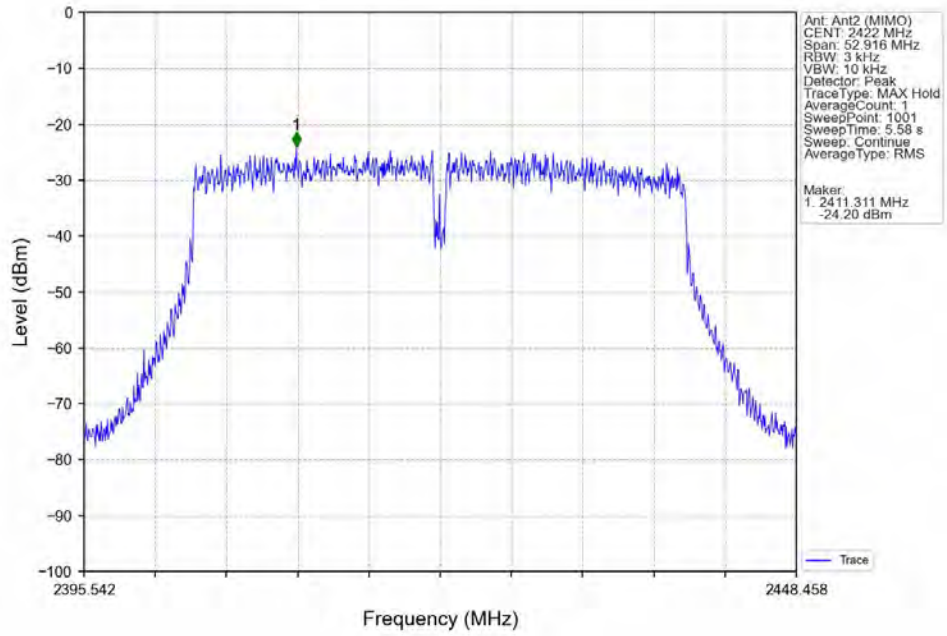
802.11n(HT20)_HCH_2462MHz_MIMO_NTNV



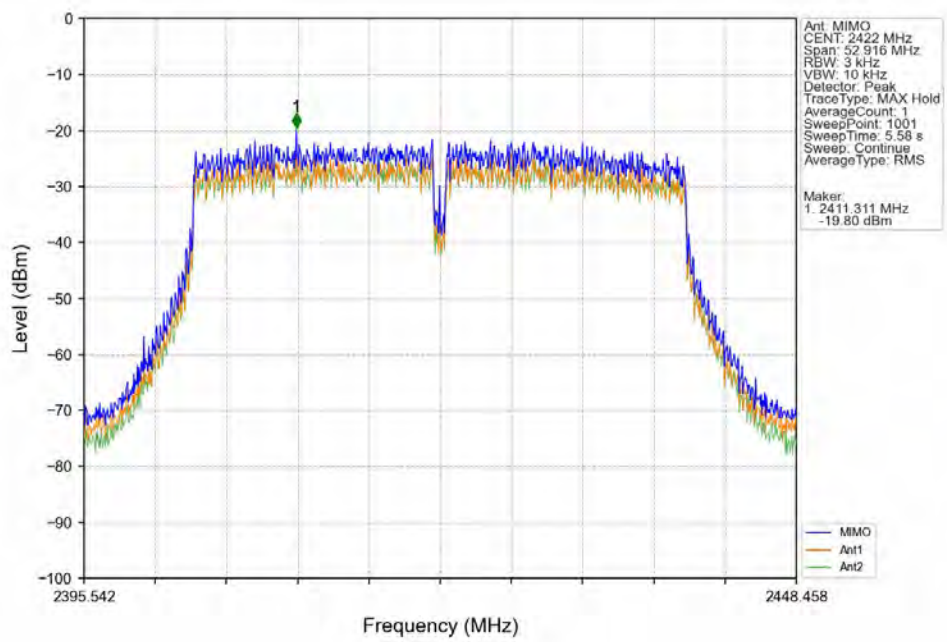

802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



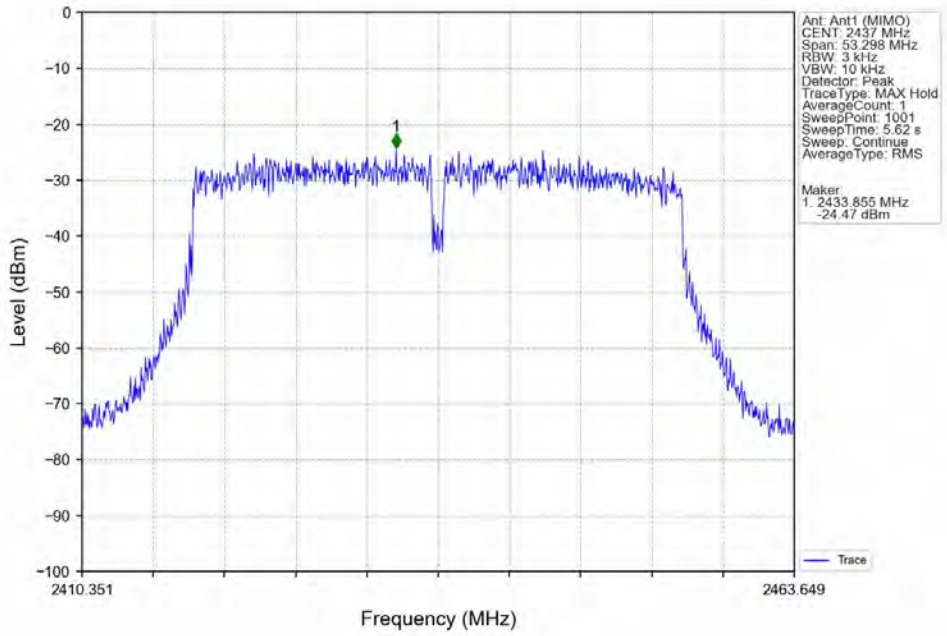
802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



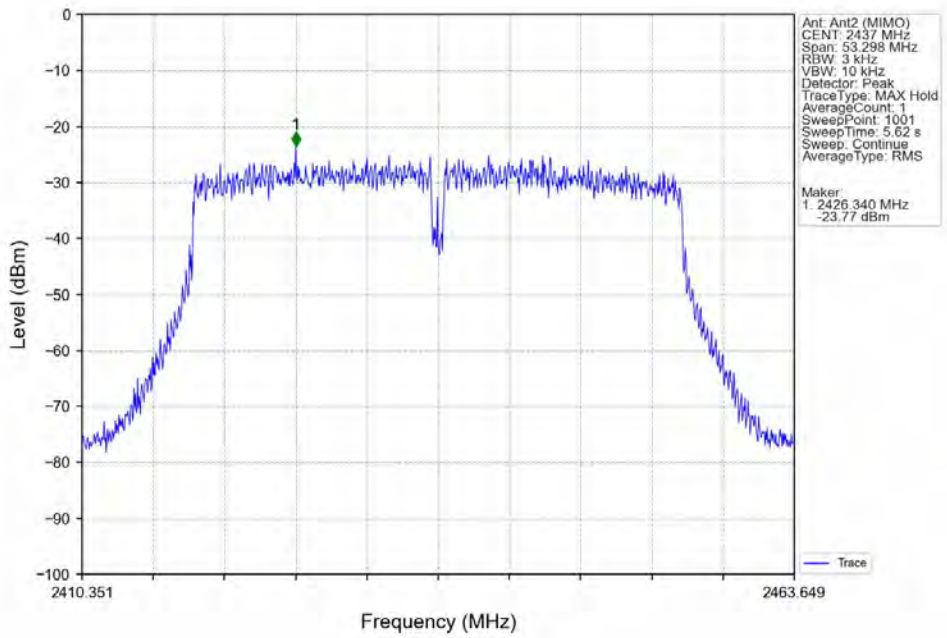

802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



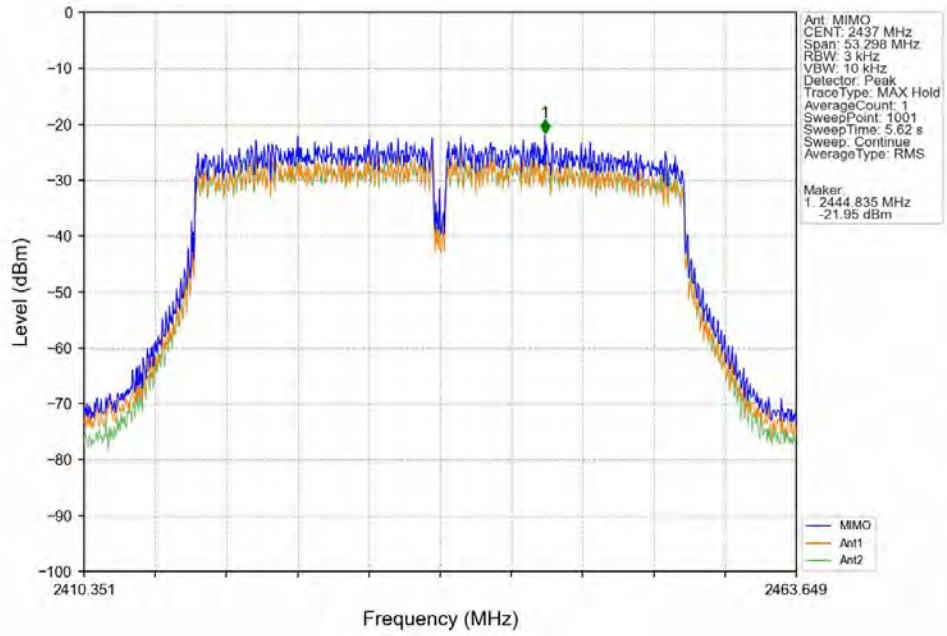
802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



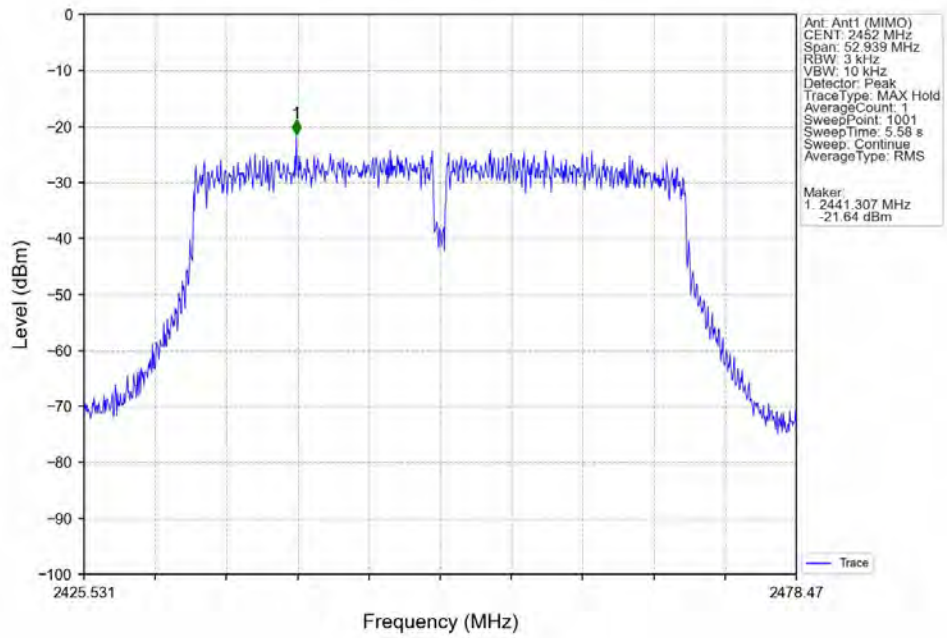

802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



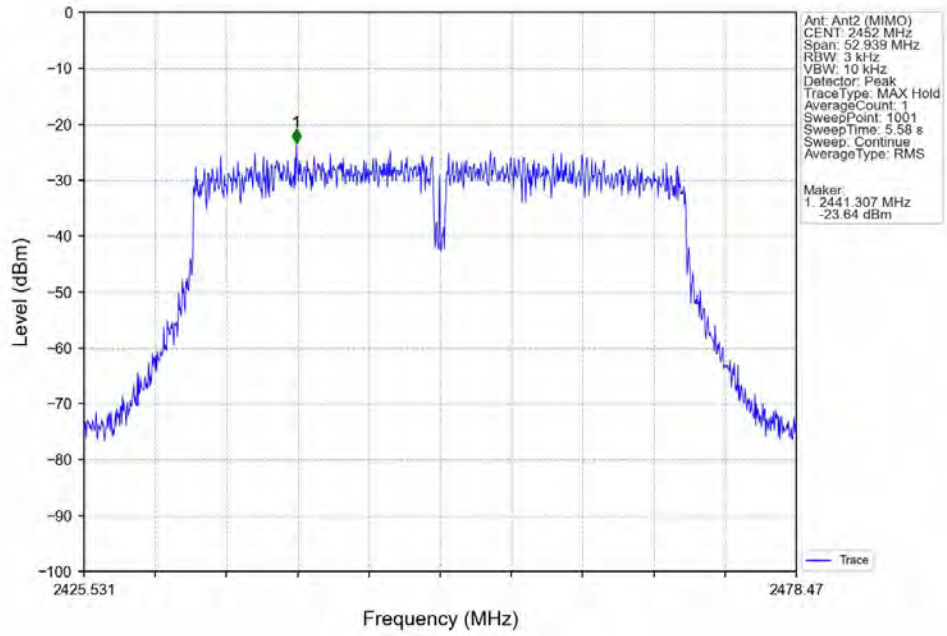
802.11n(HT40)_MCH_2437MHz_MIMO_NTNV



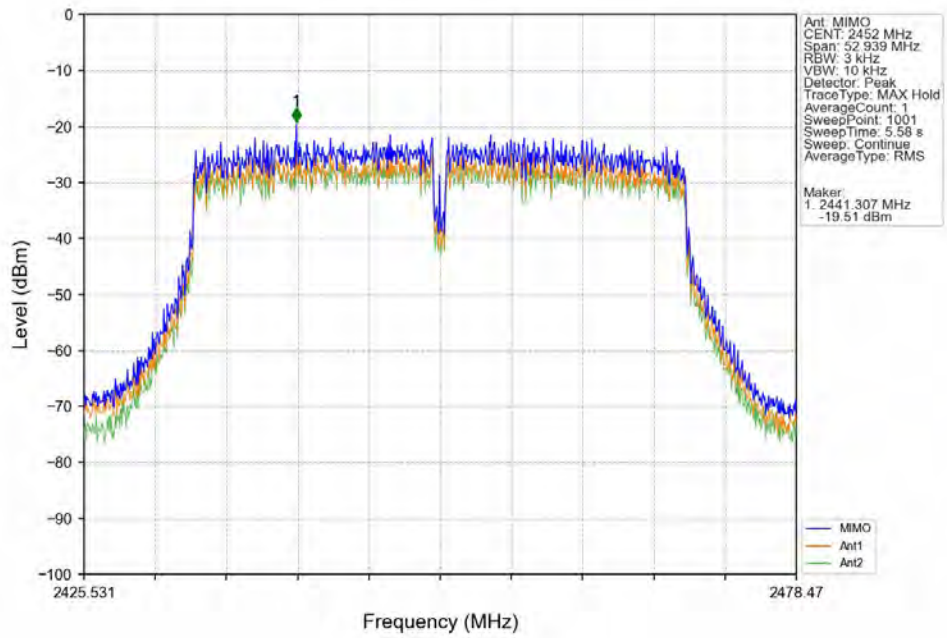

802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV




802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



# 5. Unwanted Emissions In Non-restricted Frequency Bands

## 5.1 Test Result

### 5.1.1 Ref

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|---|---|---|---|---|
| 802.11b | SISO | 2412 | 1 | 1.25 |
| | | | 2 | 1.33 |
| | | 2437 | 1 | 1.39 |
| | | | 2 | 1.18 |
| | | 2462 | 1 | 1.29 |
| | | | 2 | 0.60 |
| 802.11g | SISO | 2412 | 1 | -4.64 |
| | | | 2 | -5.53 |
| | | 2437 | 1 | -4.35 |
| | | | 2 | -5.08 |
| | | 2462 | 1 | -4.81 |
| | | | 2 | -6.06 |
| 802.11n (HT20) | SISO | 2412 | 1 | 1.81 |
| | | | 2 | 2.85 |
| | | 2437 | 1 | 0.85 |
| | | | 2 | -6.37 |
| | | 2462 | 1 | -5.30 |
| | | | 2 | -6.78 |
| 802.11n (HT40) | SISO | 2422 | 1 | -5.80 |
| | | | 2 | -6.83 |
| | | 2437 | 1 | -9.13 |
| | | | 2 | -8.57 |
| | | 2452 | 1 | -7.94 |
| | | | 2 | -8.67 |
| Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level. | | | | |

### 5.1.2 CSE

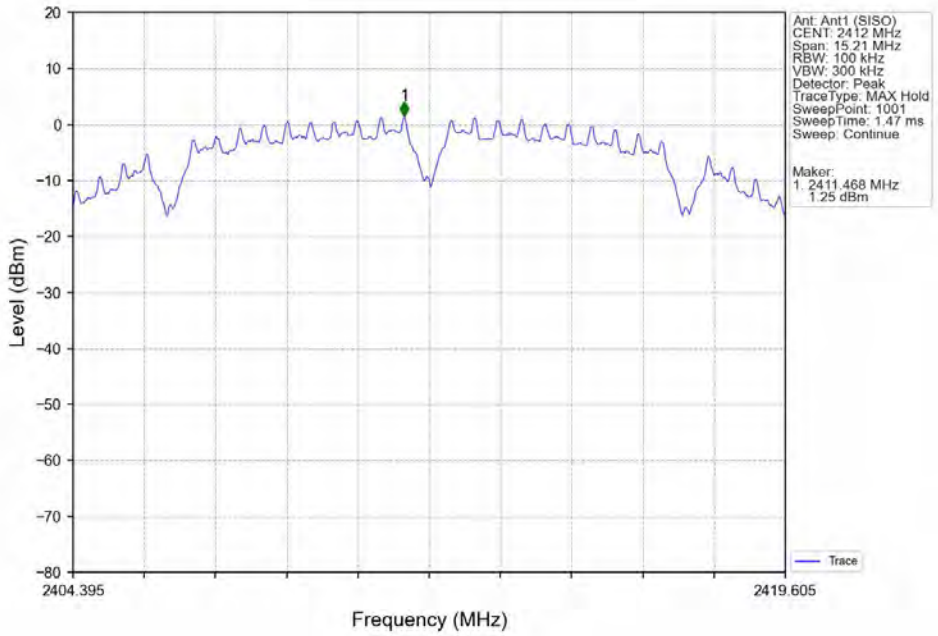
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|
| 802.11b | SISO | 2412 | 1 | 1.25 | -18.75 | Pass |
| | | | 2 | 1.33 | -18.67 | Pass |
| | | 2437 | 1 | 1.39 | -18.61 | Pass |
| | | | 2 | 1.18 | -18.82 | Pass |
| | | 2462 | 1 | 1.29 | -18.71 | Pass |
| | | | 2 | 0.60 | -19.40 | Pass |
| 802.11g | SISO | 2412 | 1 | -4.64 | -24.64 | Pass |
| | | | 2 | -5.53 | -25.53 | Pass |
| | | 2437 | 1 | -4.35 | -24.35 | Pass |
| | | | 2 | -5.08 | -25.08 | Pass |
| | | 2462 | 1 | -4.81 | -24.81 | Pass |
| | | | 2 | -6.06 | -26.06 | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | 1.81 | -18.19 | Pass |
| | | | 2 | 2.85 | -17.15 | Pass |
| | | 2437 | 1 | 0.85 | -19.15 | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 2 | -6.37 | -26.37 | Pass |
| | | 2462 | 1 | -5.30 | -25.30 | Pass |
| | | | 2 | -6.78 | -26.78 | Pass |
| 802.11n (HT40) | SISO | 2422 | 1 | -5.80 | -25.80 | Pass |
| | | | 2 | -6.83 | -26.83 | Pass |
| | | 2437 | 1 | -9.13 | -29.13 | Pass |
| | | | 2 | -8.57 | -28.57 | Pass |
| | | 2452 | 1 | -7.94 | -27.94 | Pass |
| | | | 2 | -8.67 | -28.67 | 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. | | | | | | |

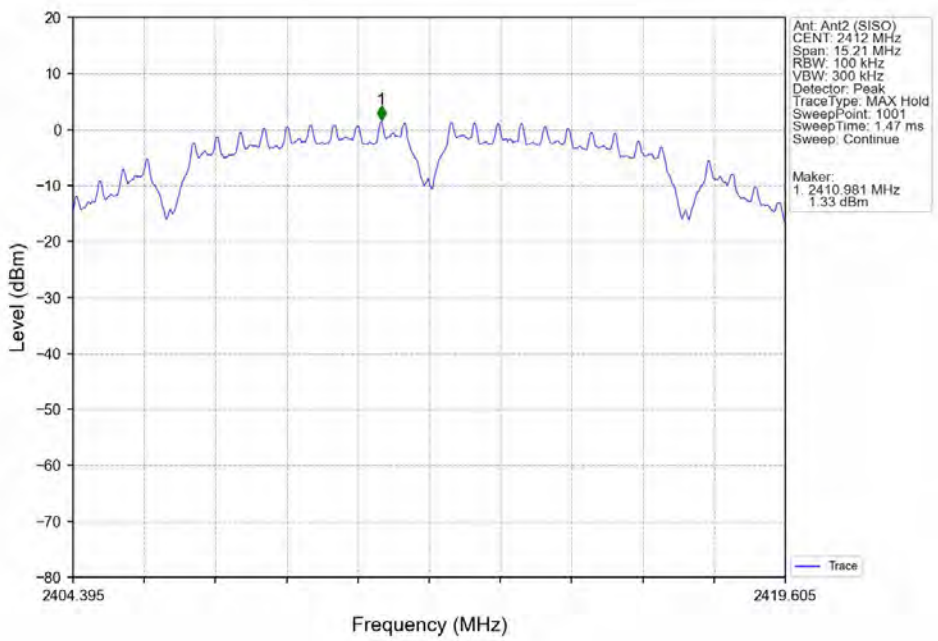
## 5.2 Test Graph

### 5.2.1 Ref

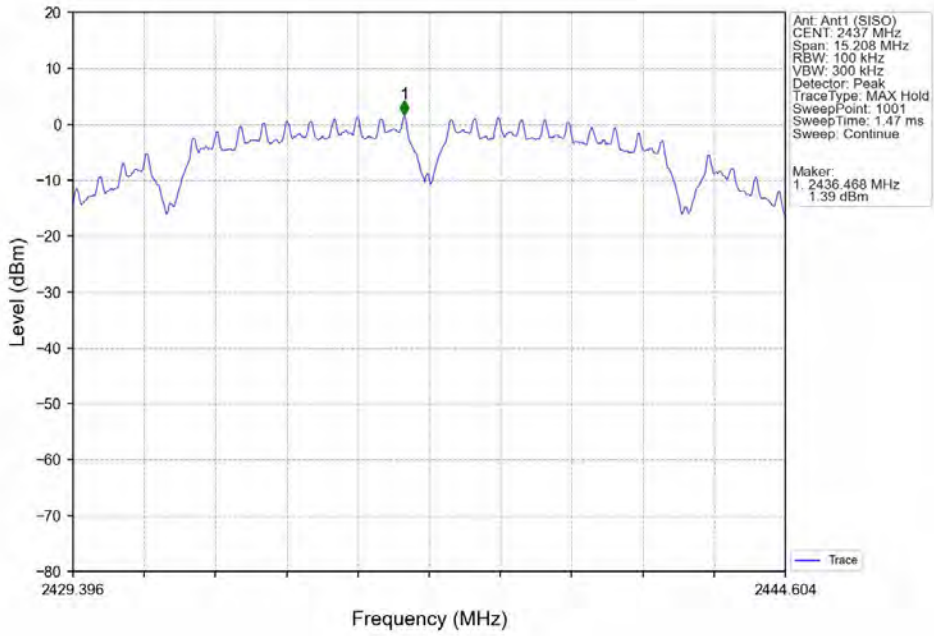
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



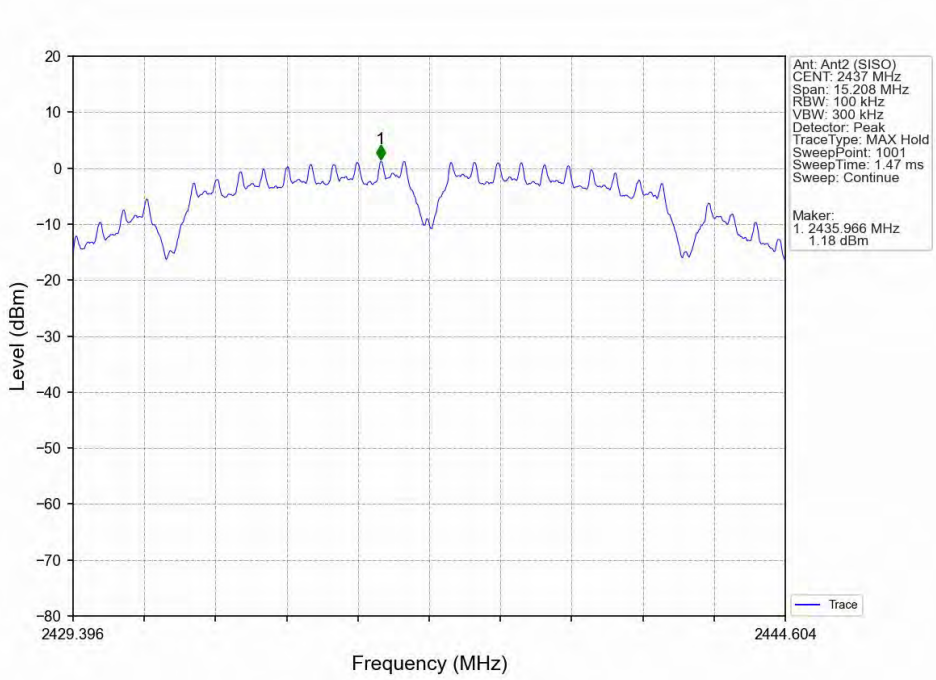

802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



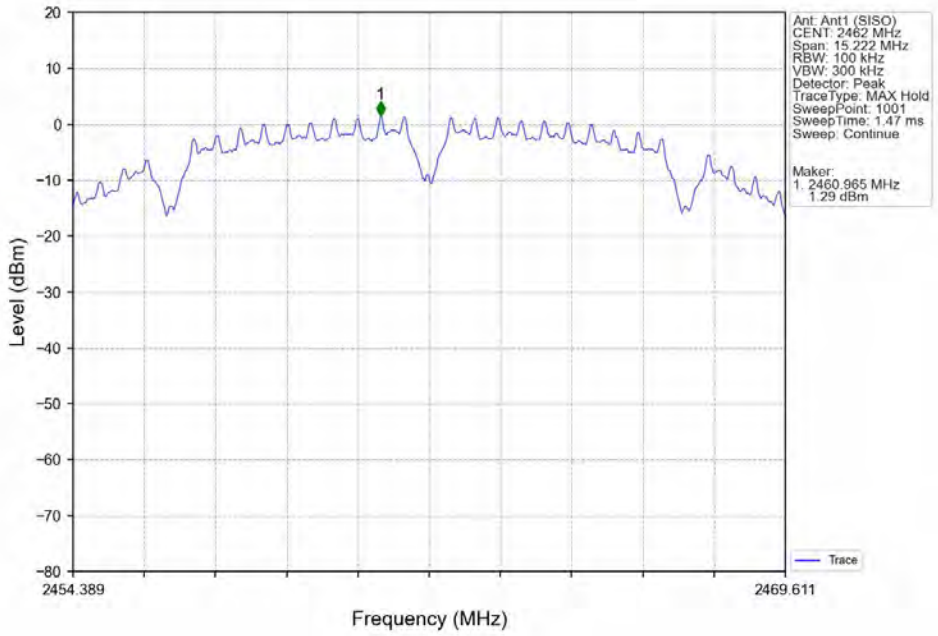
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



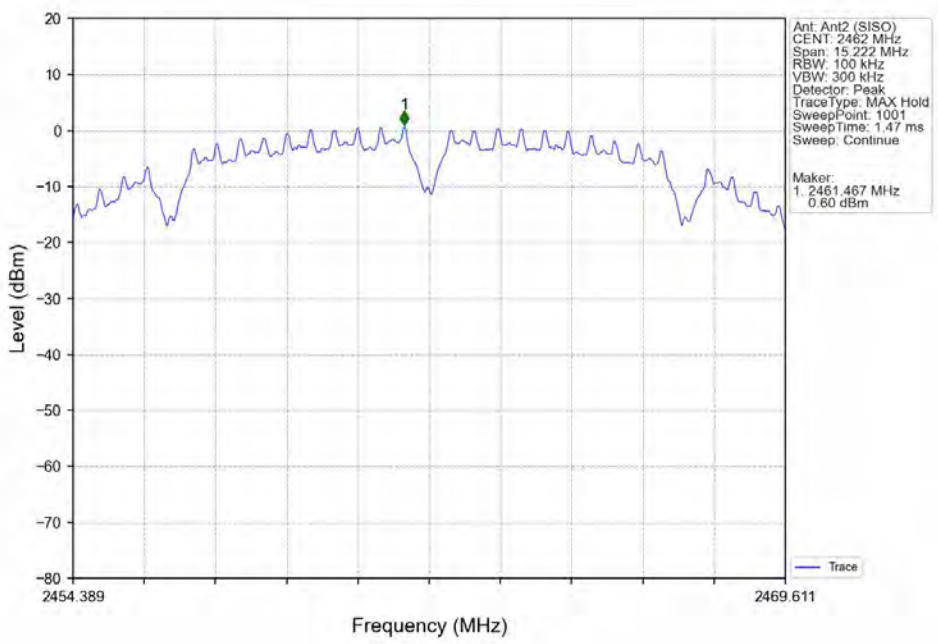

802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



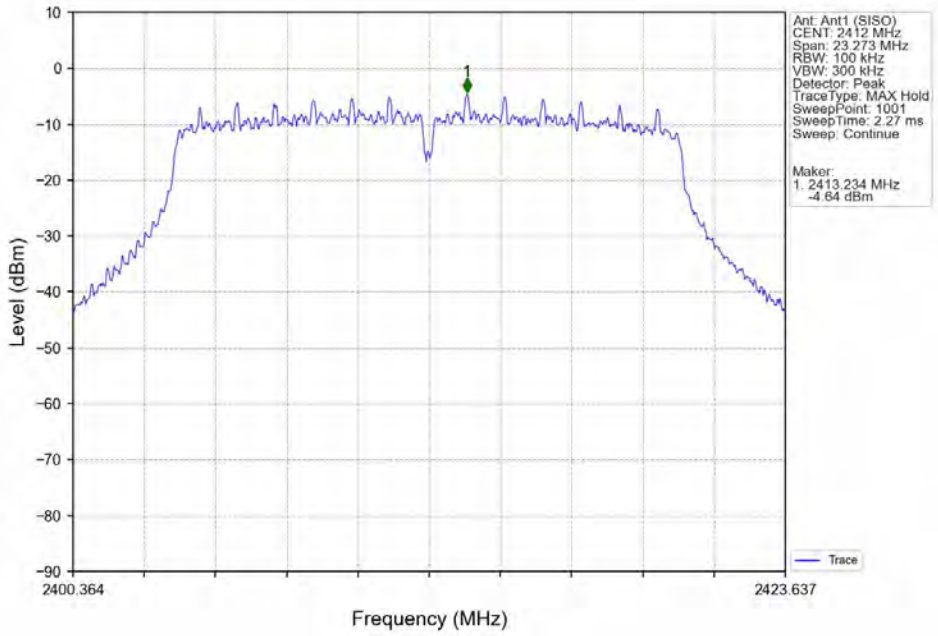
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



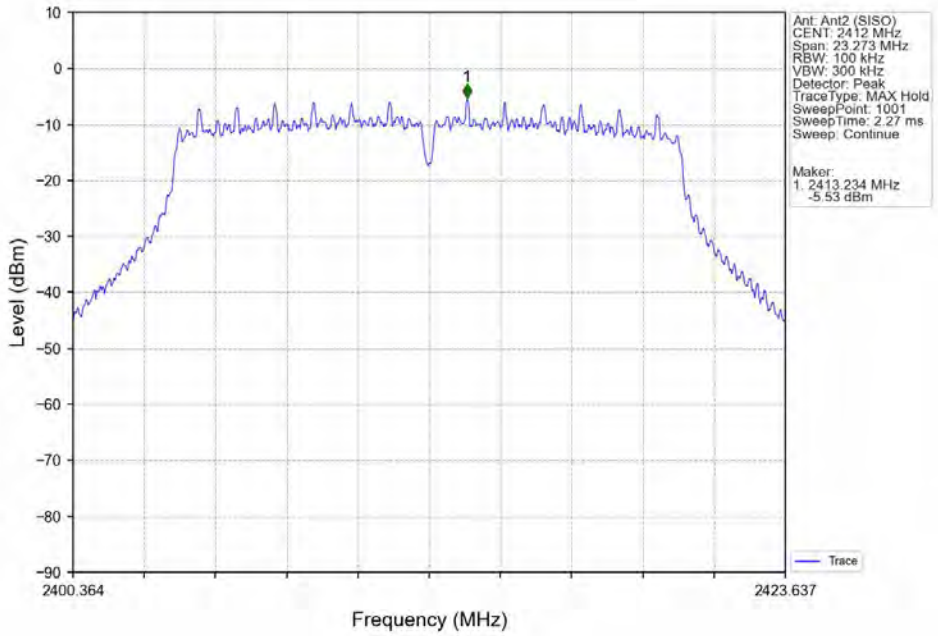

802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



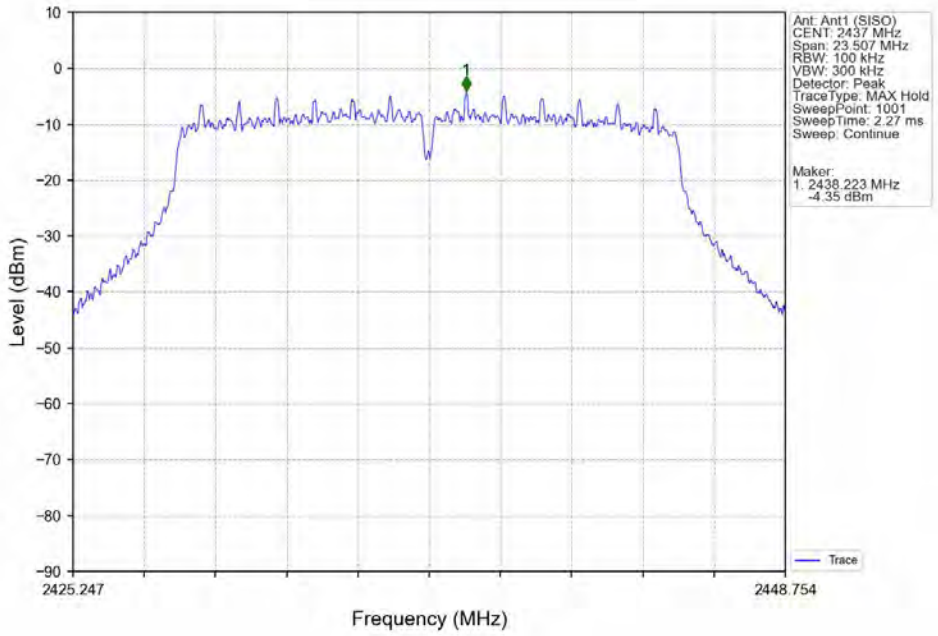
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



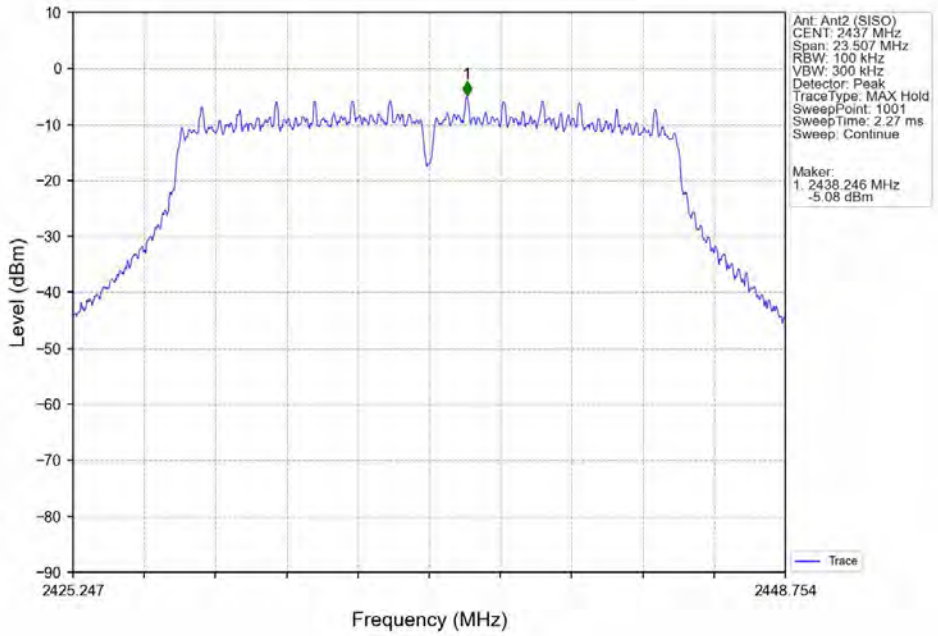

802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



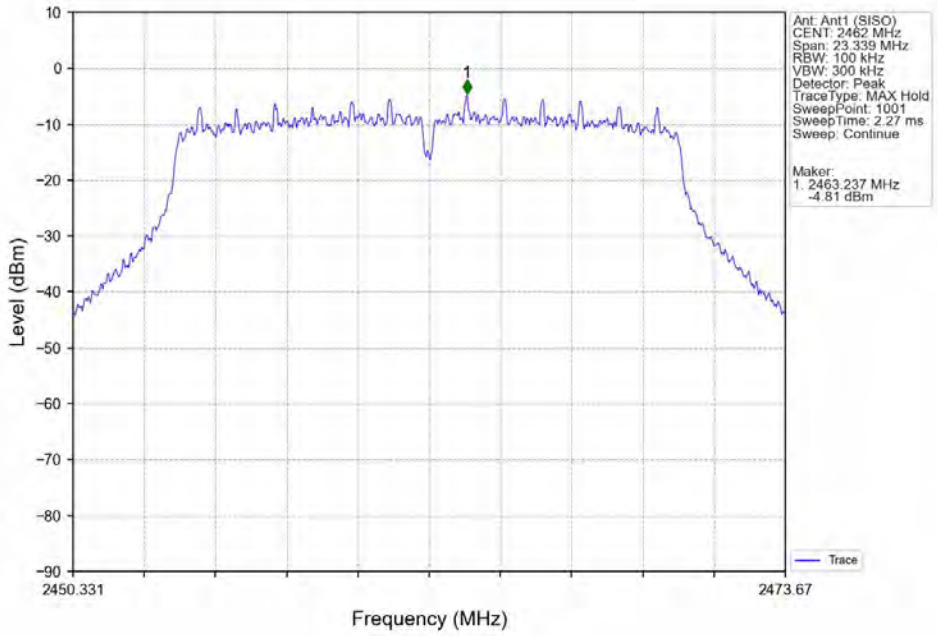
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



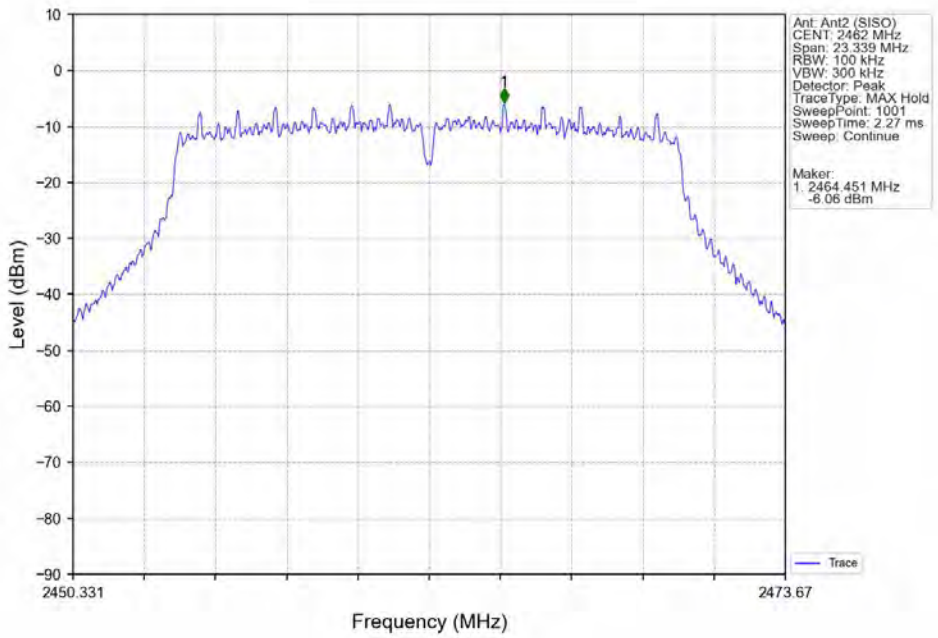

802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



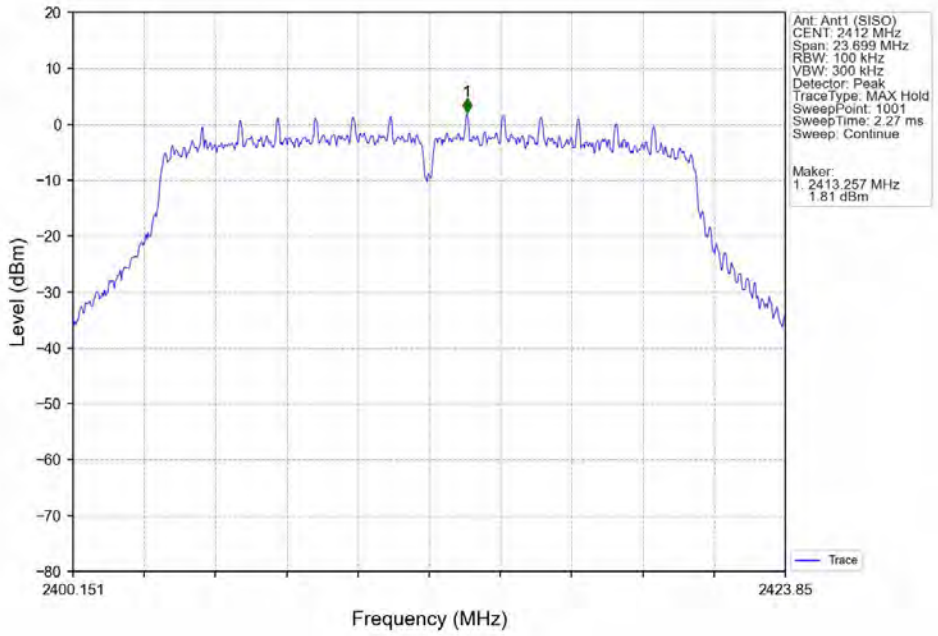
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



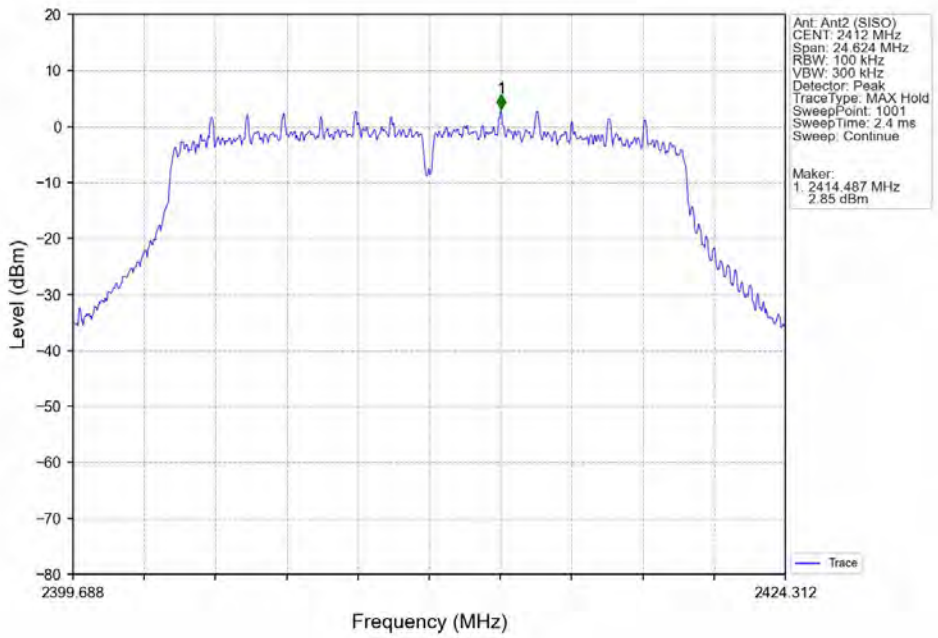

802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



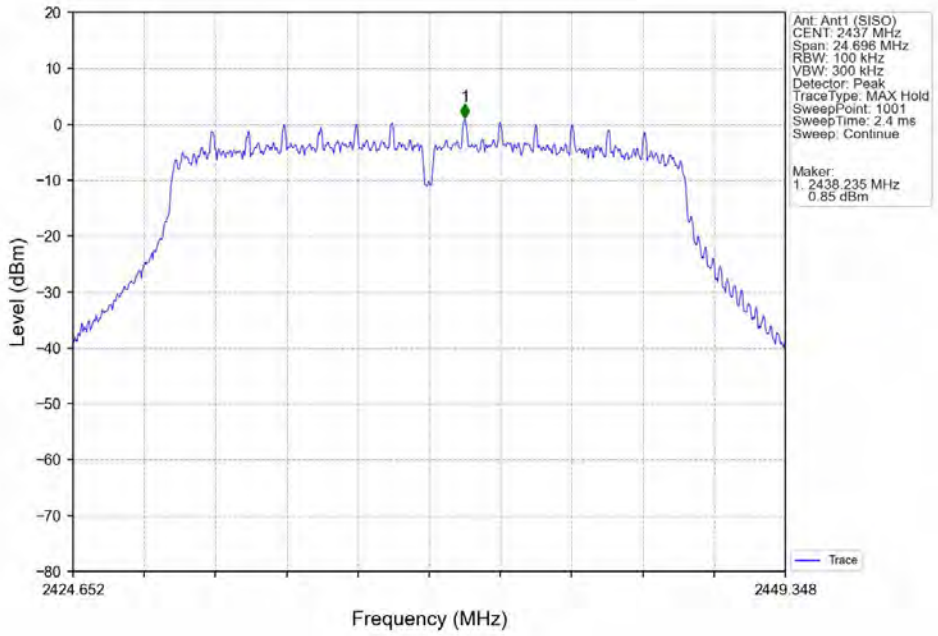
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



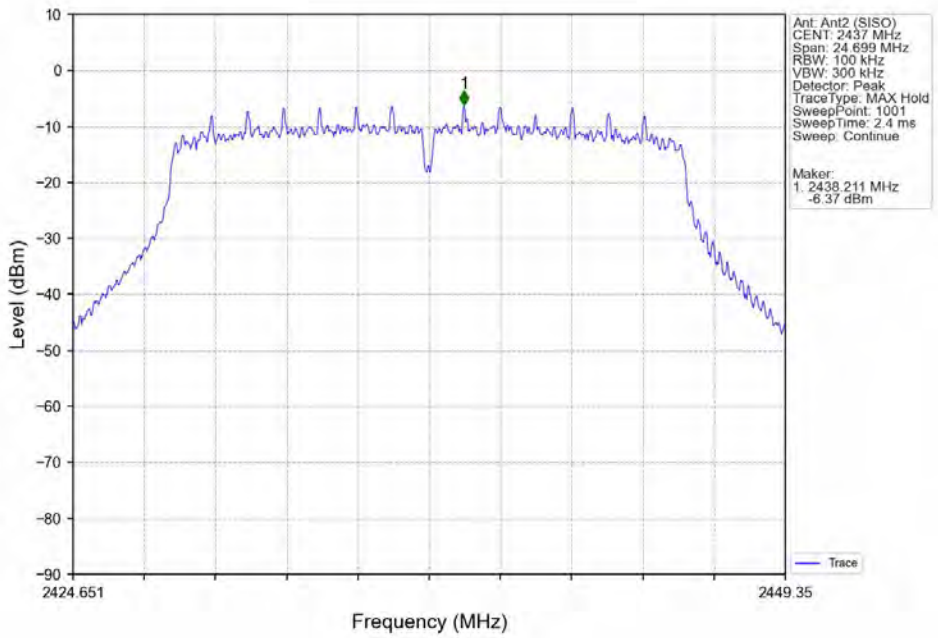

802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



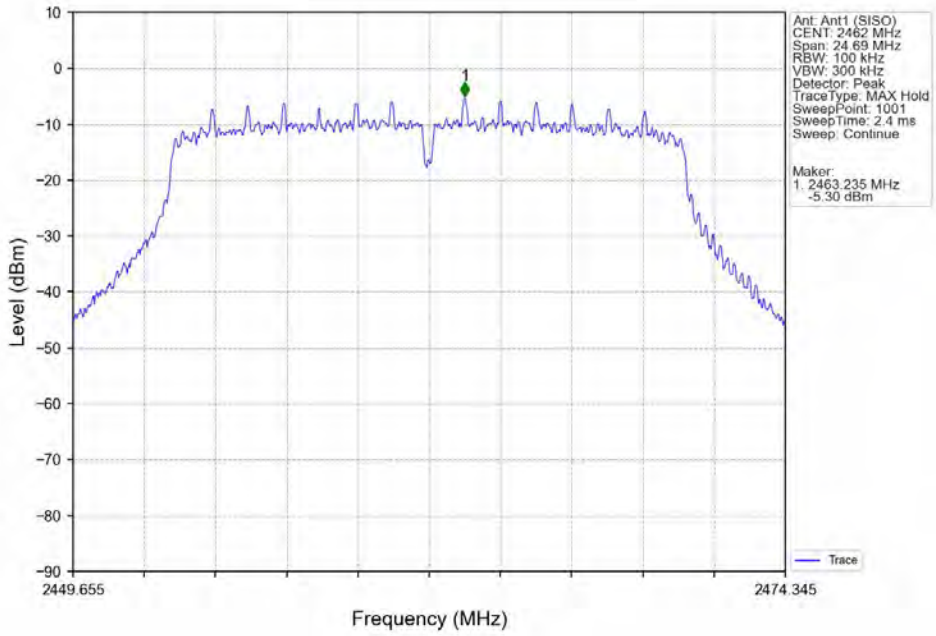
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



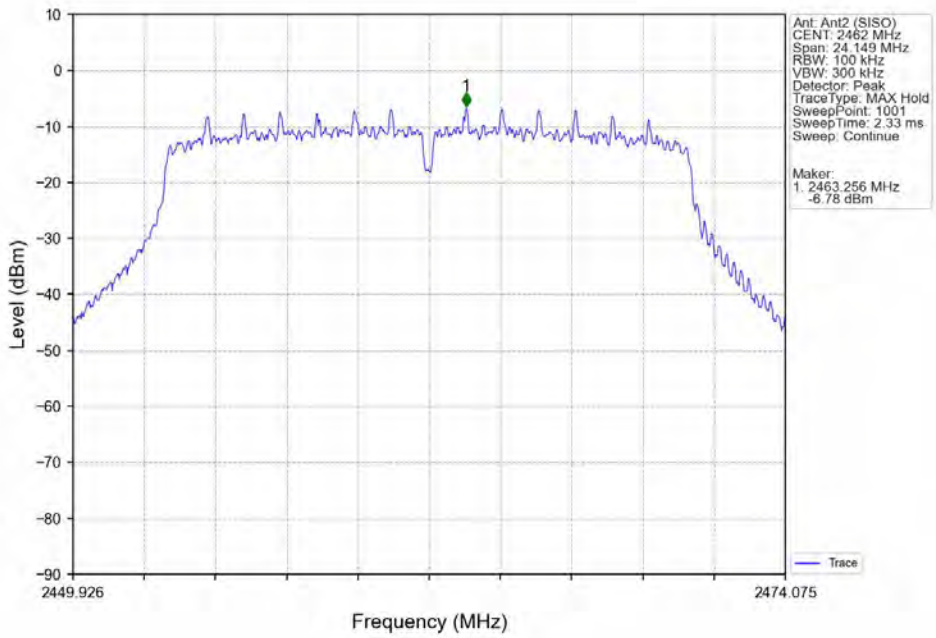

802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



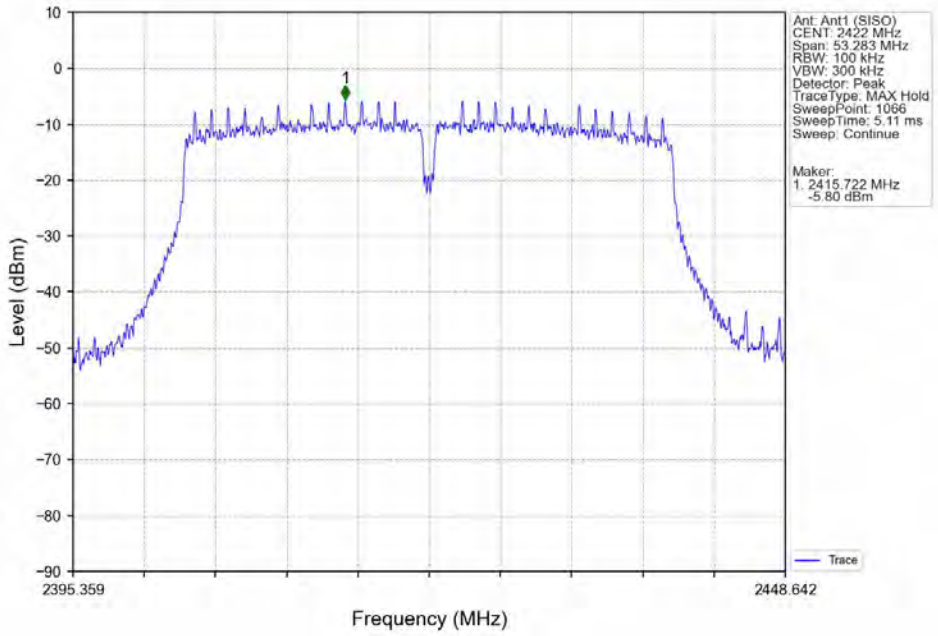
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

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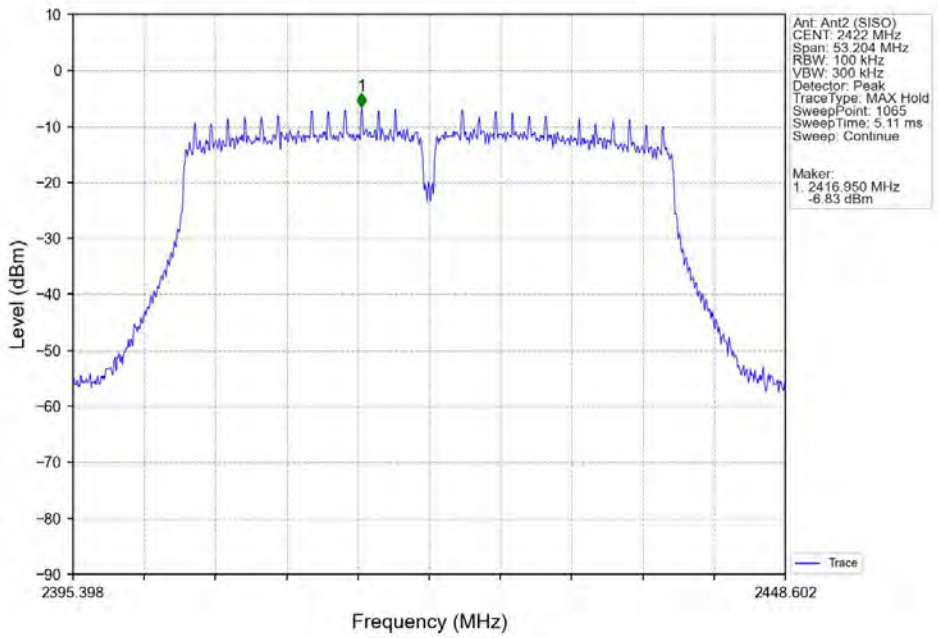
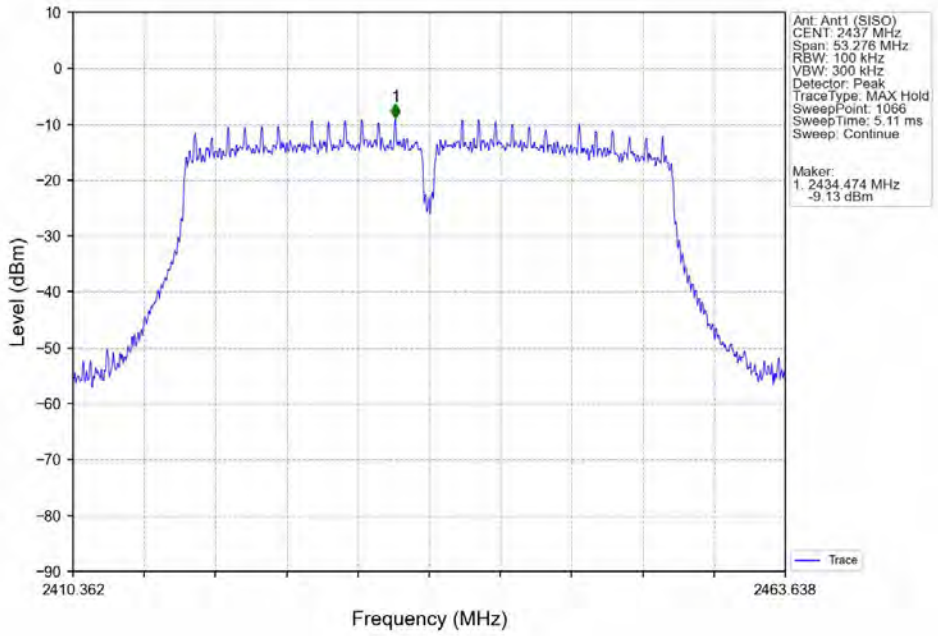


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

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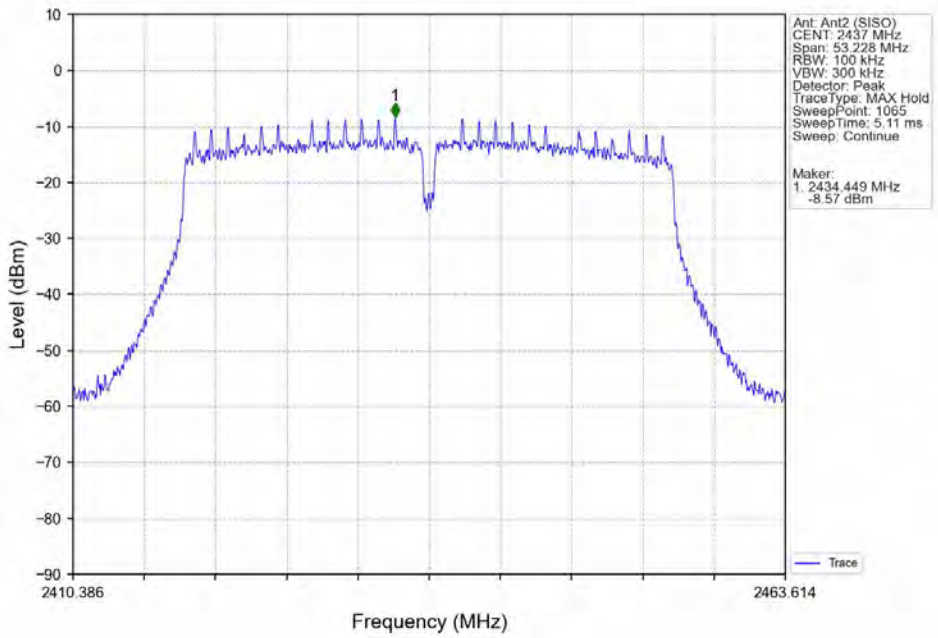
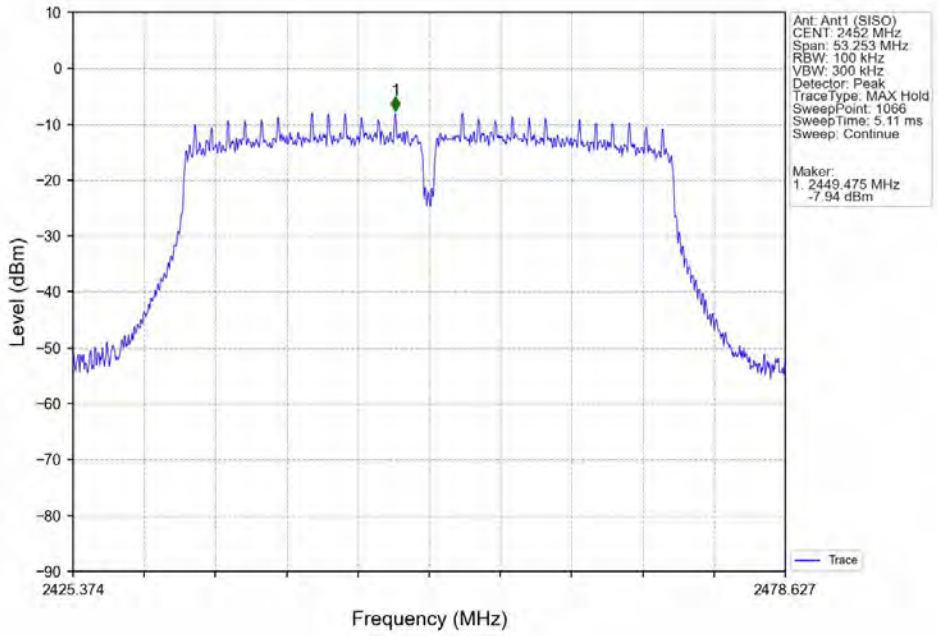


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

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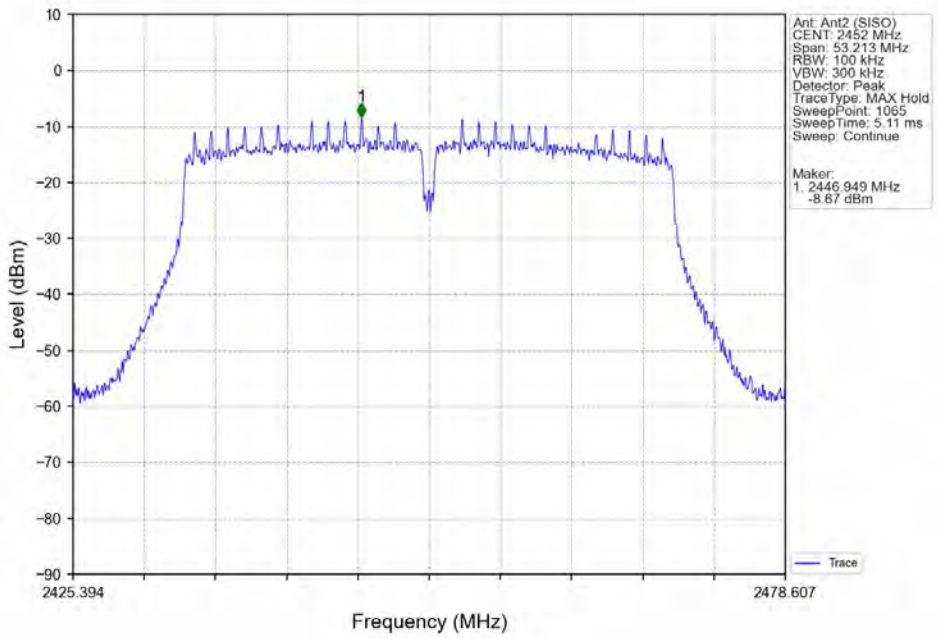
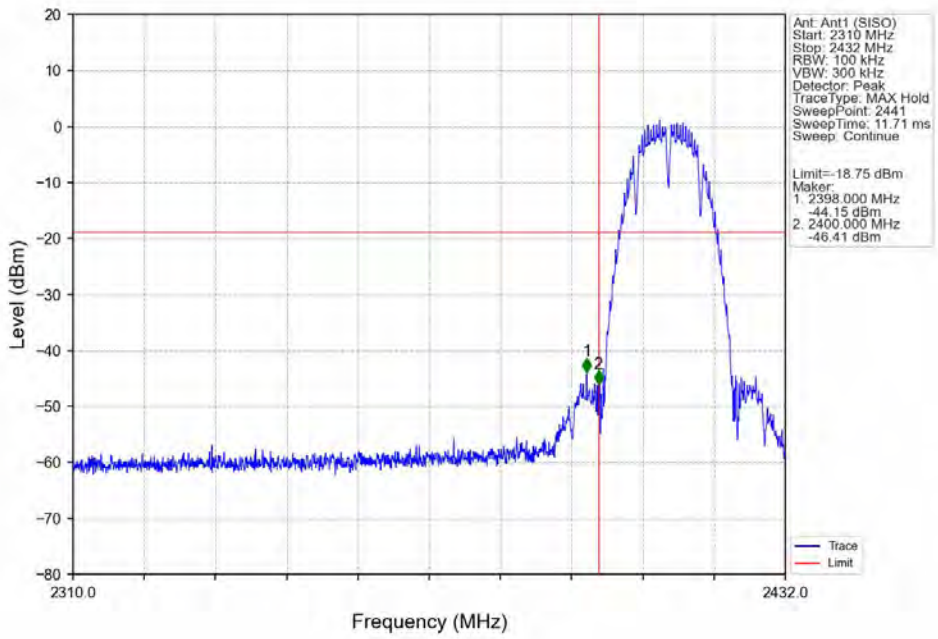


## 5.2.2 CSE

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV

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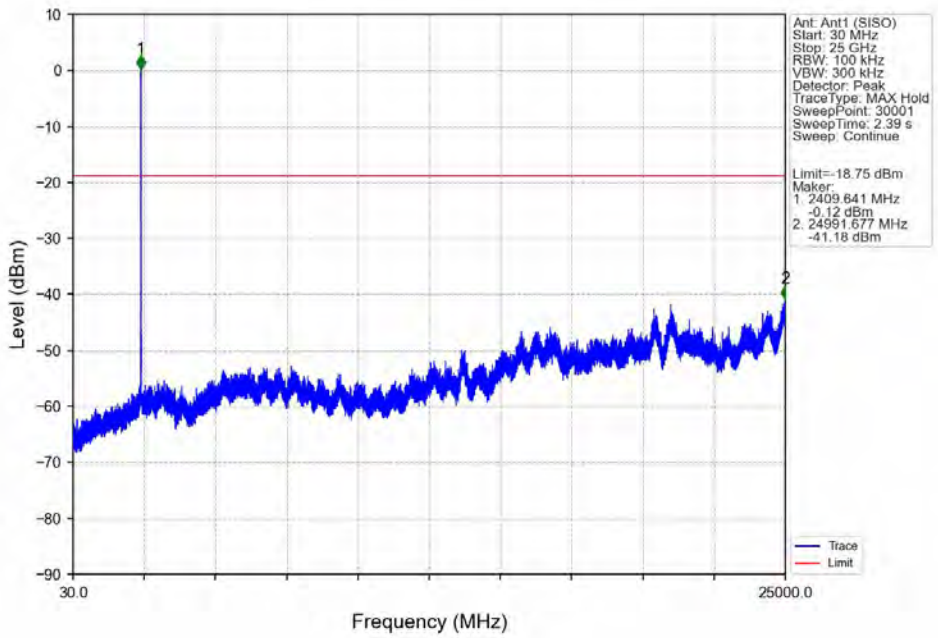

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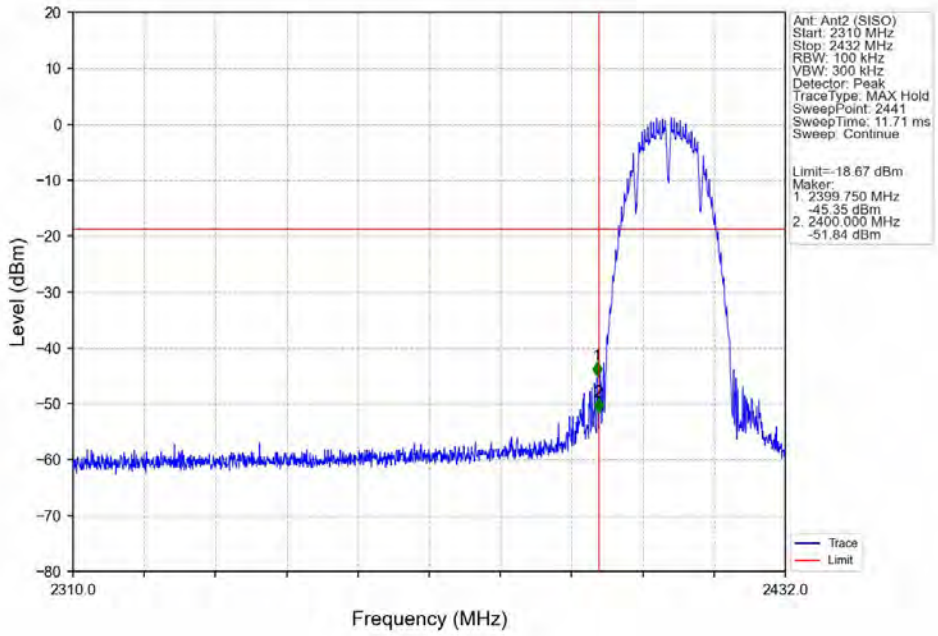


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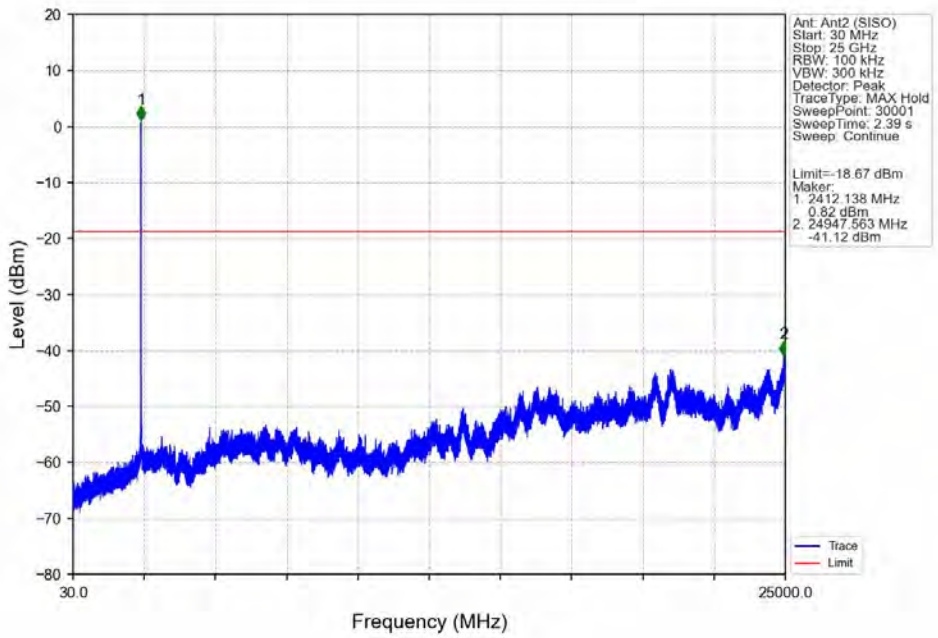

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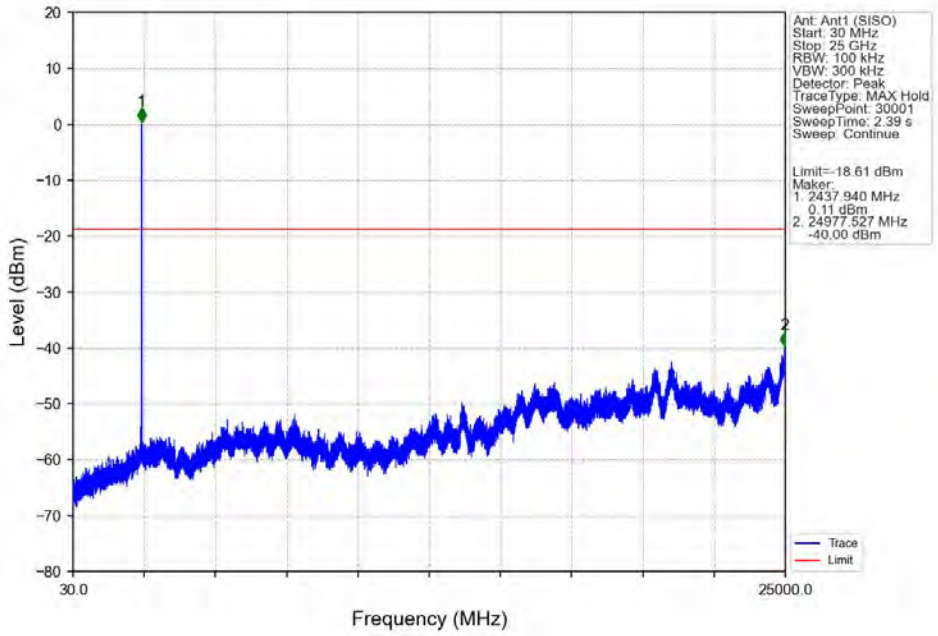


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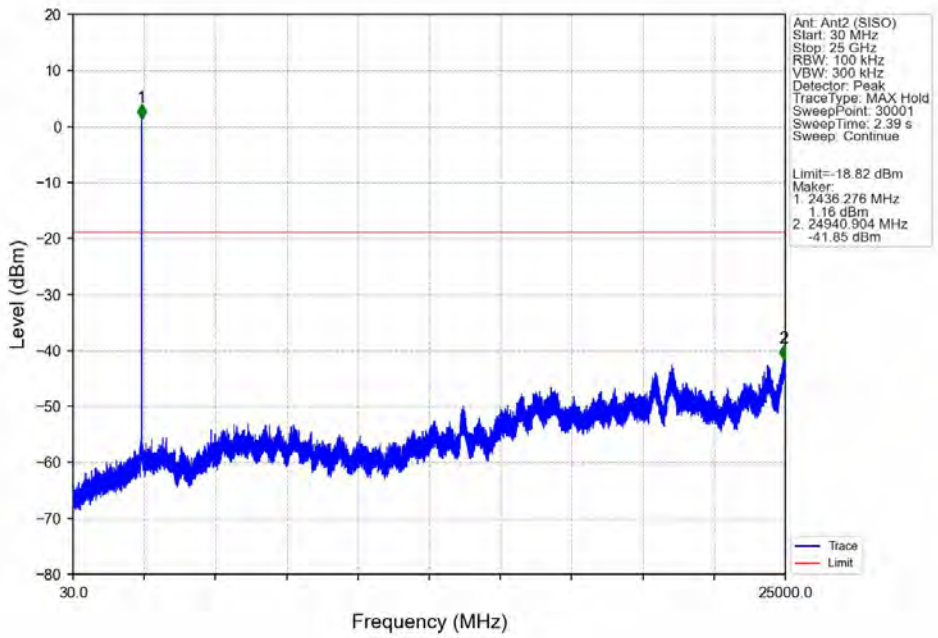
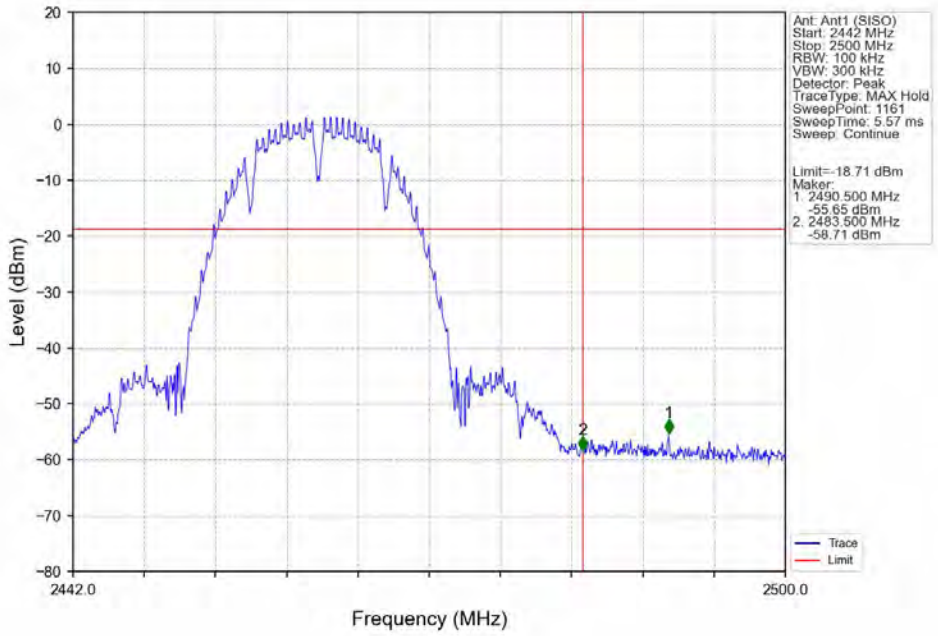
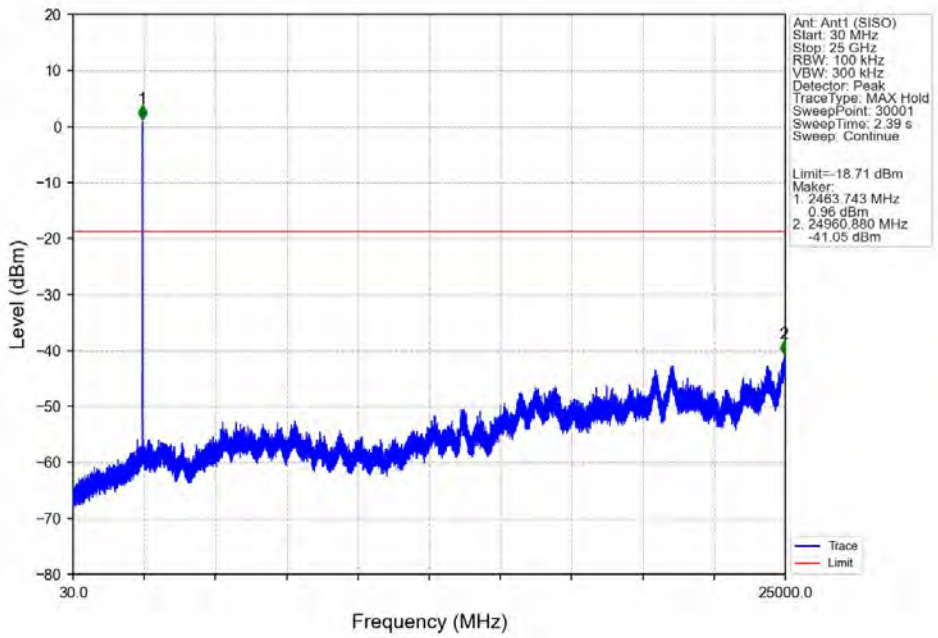


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



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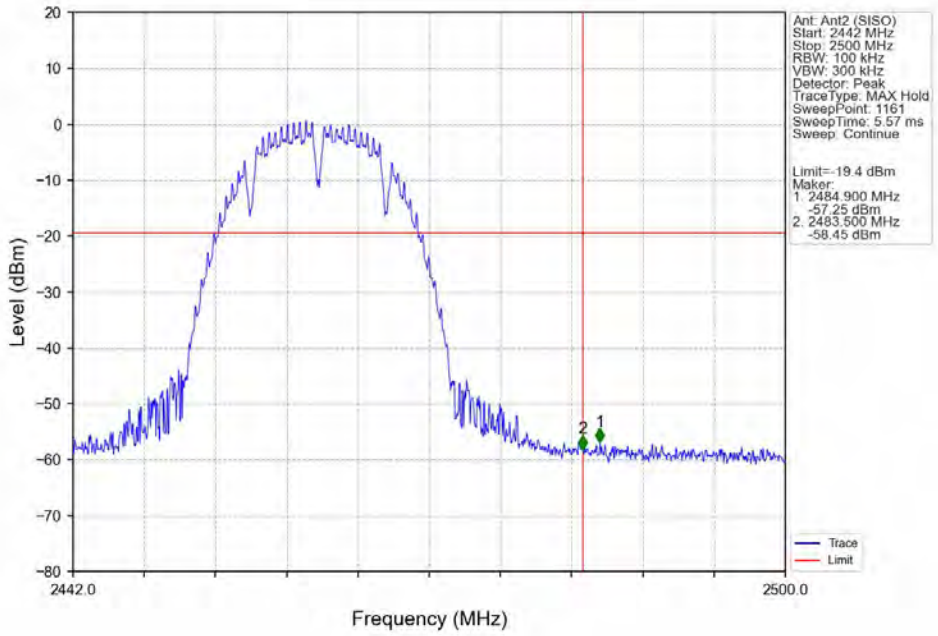
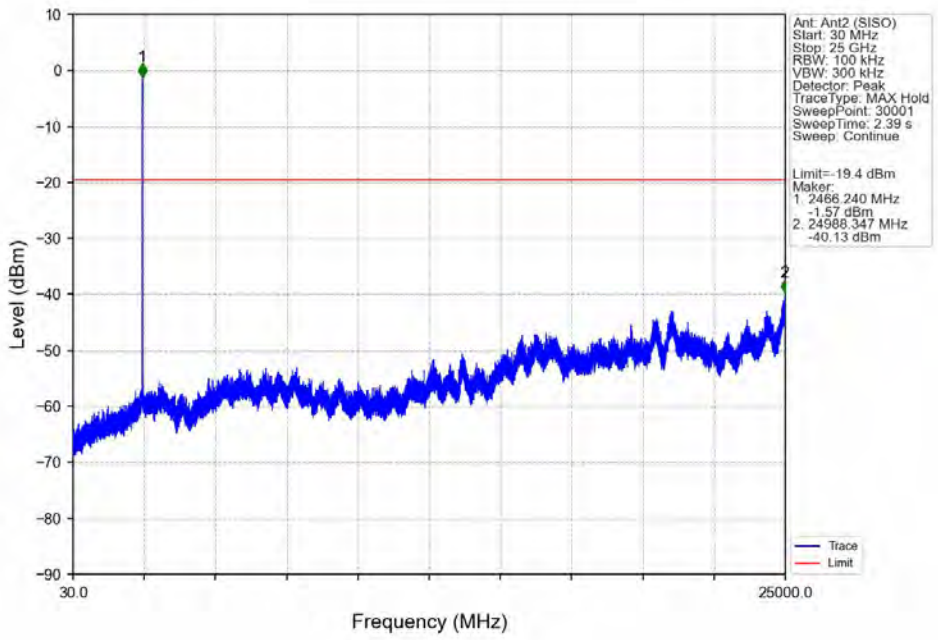
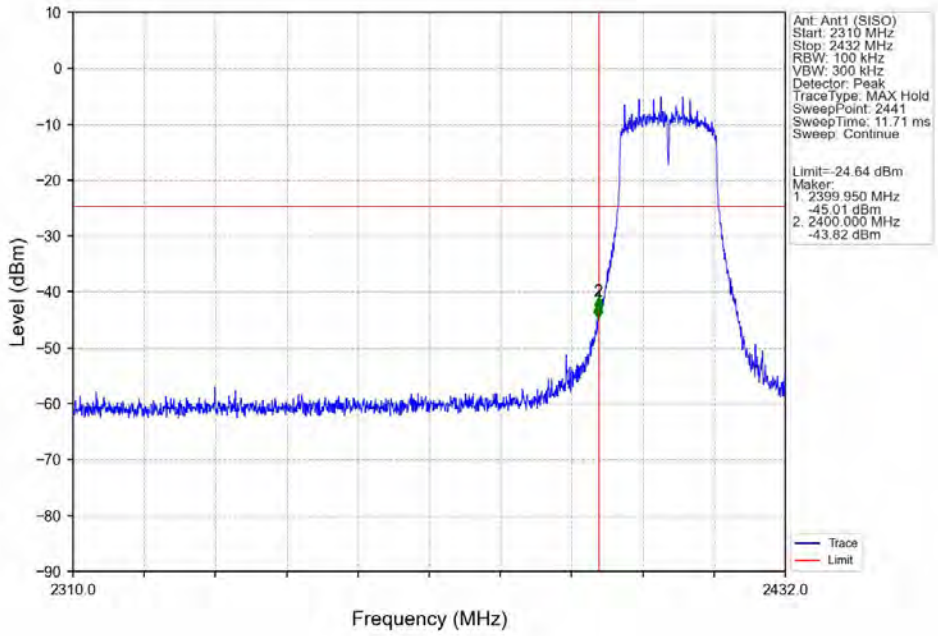


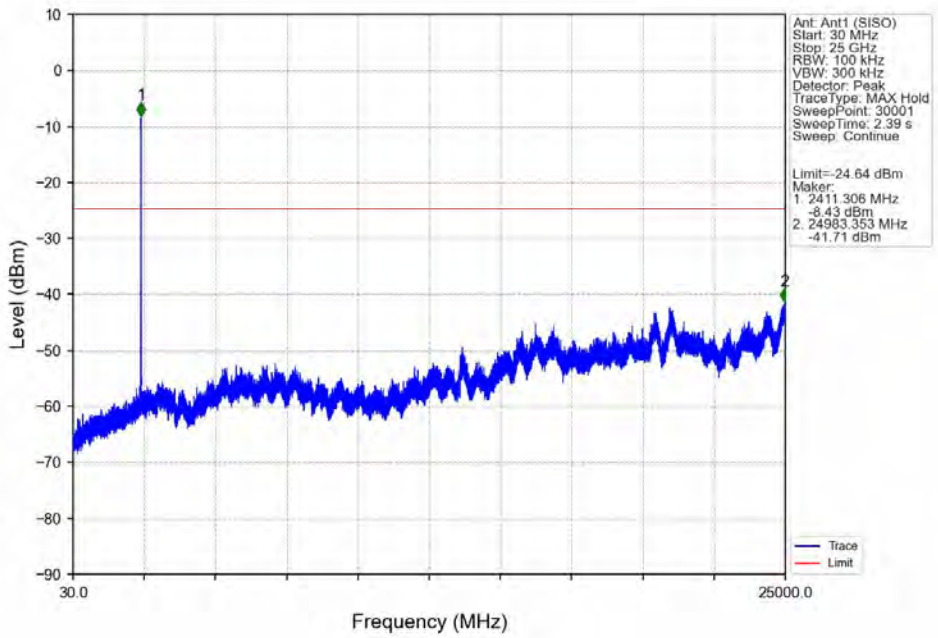

802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



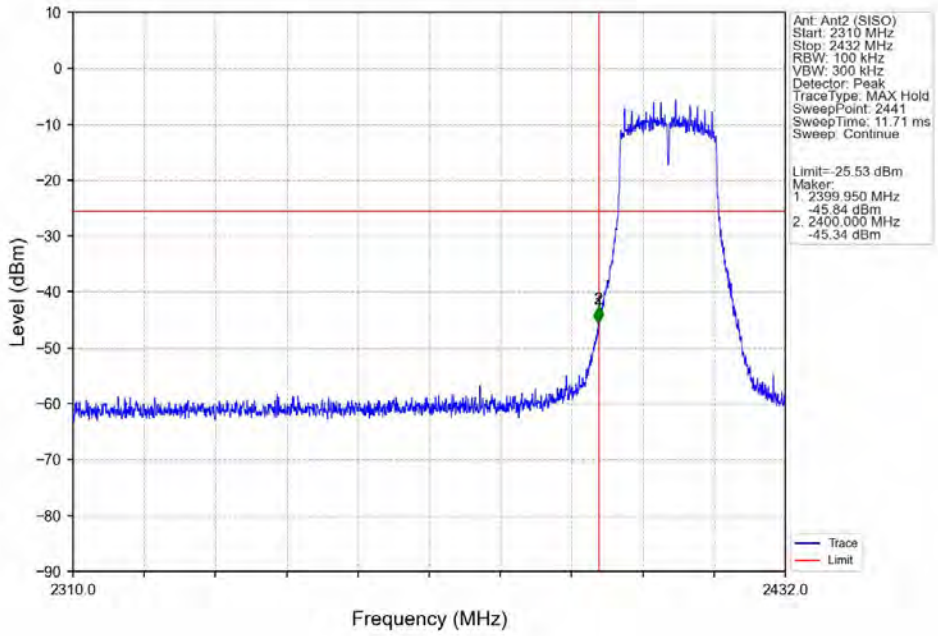
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV

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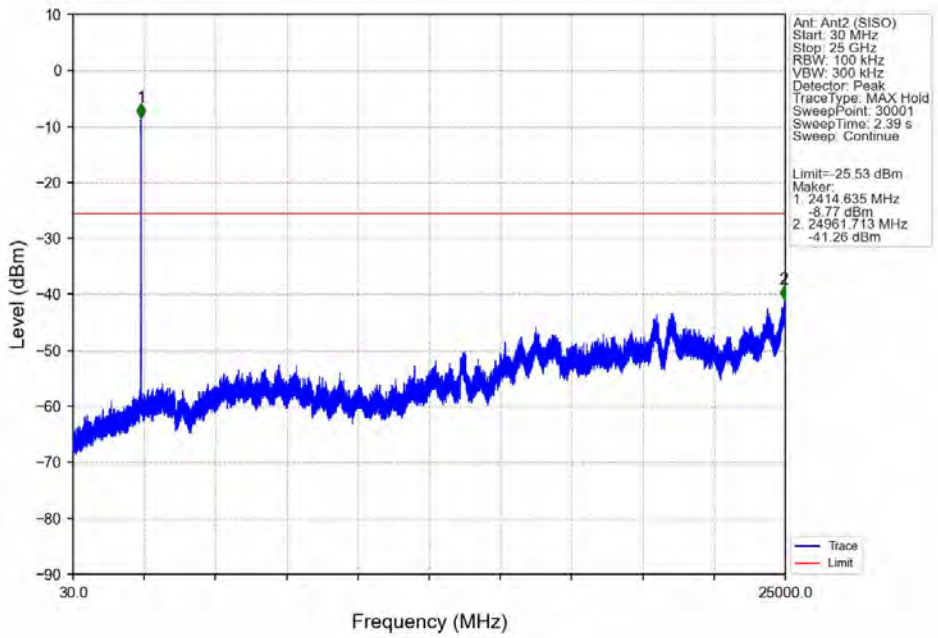
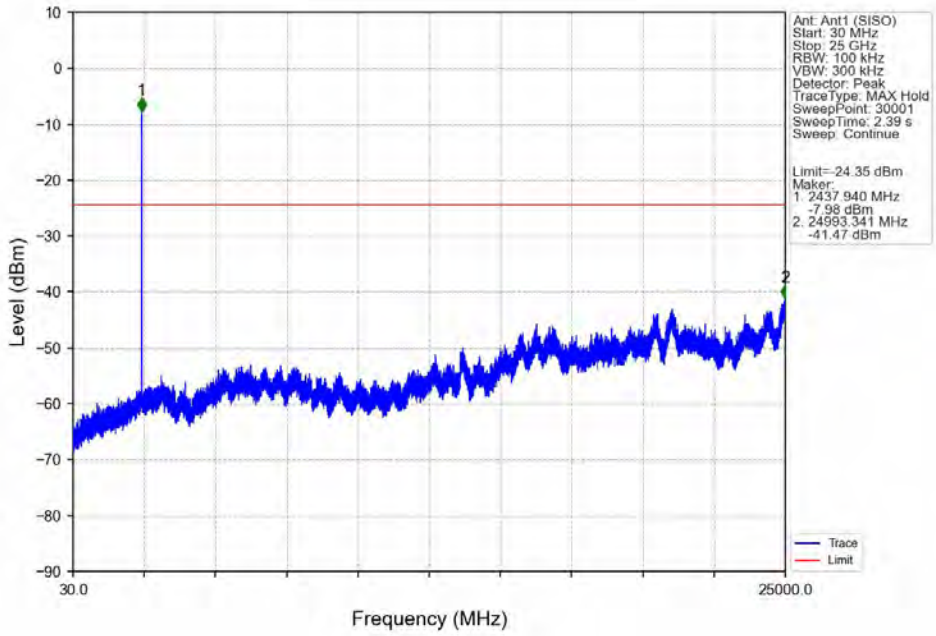


802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

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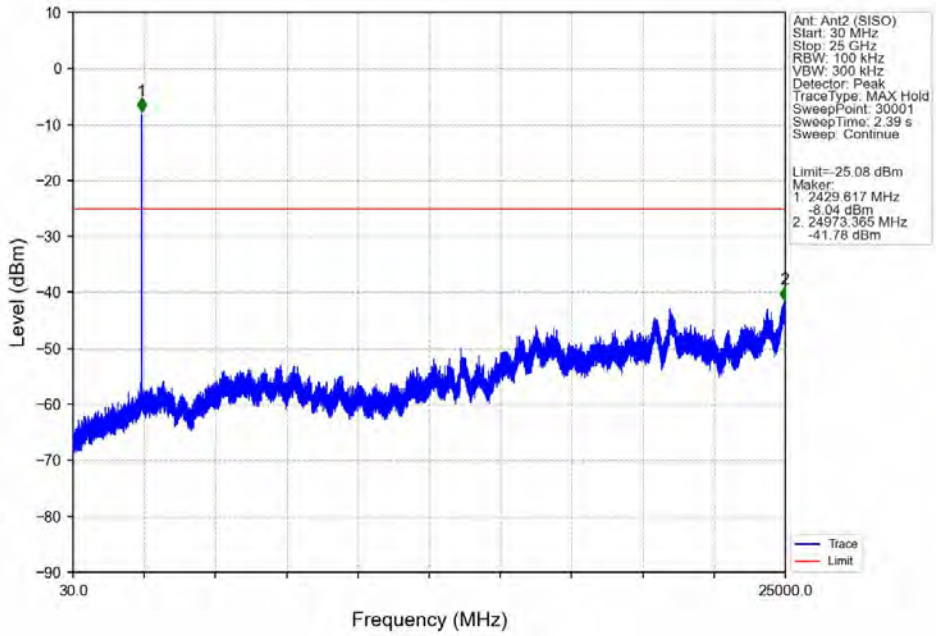

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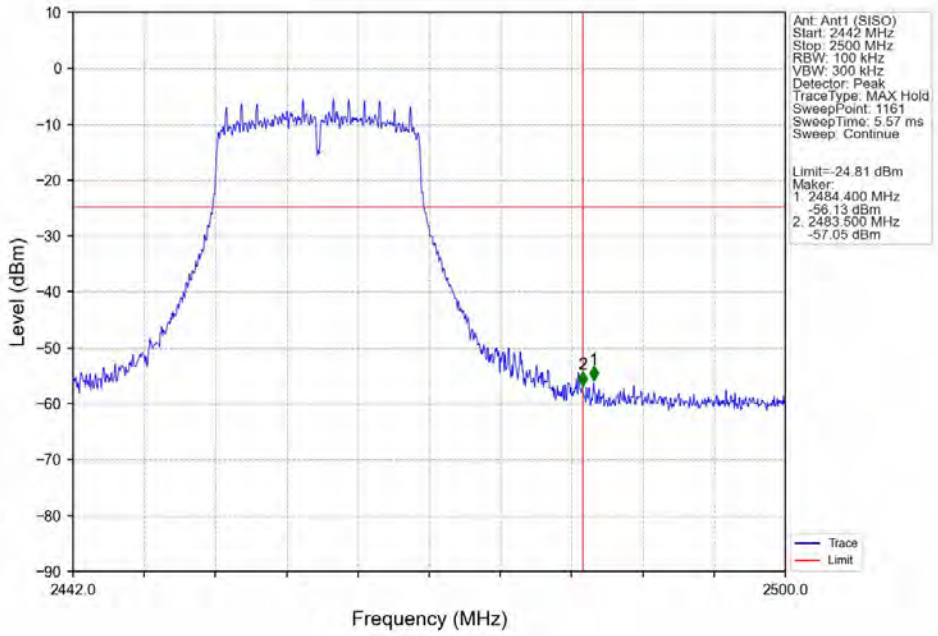


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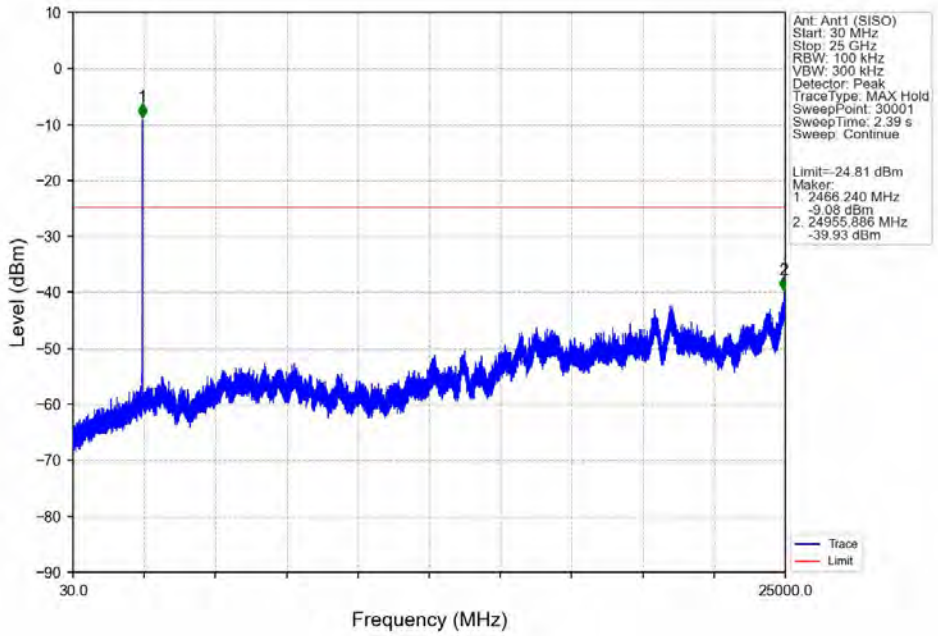

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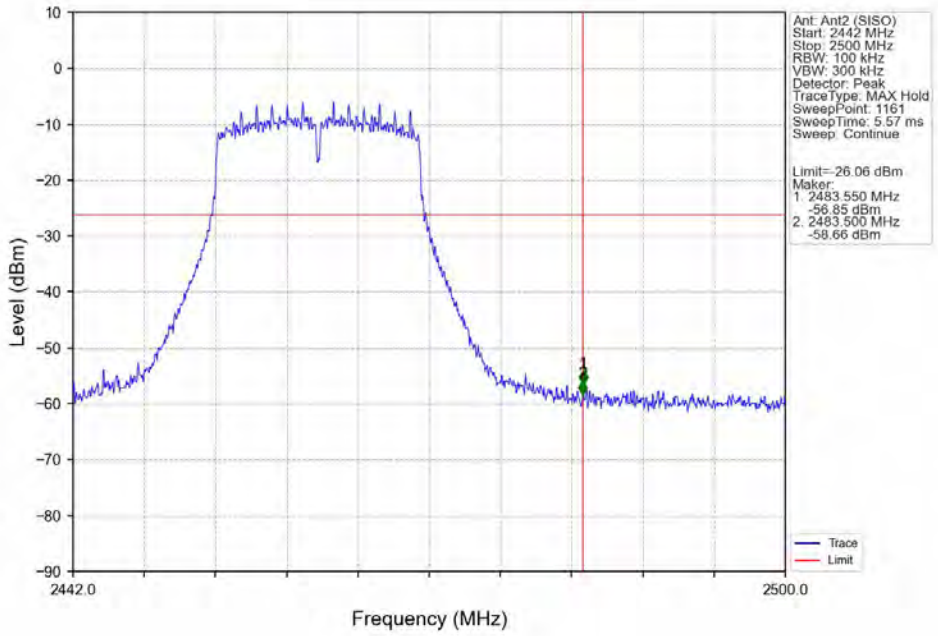


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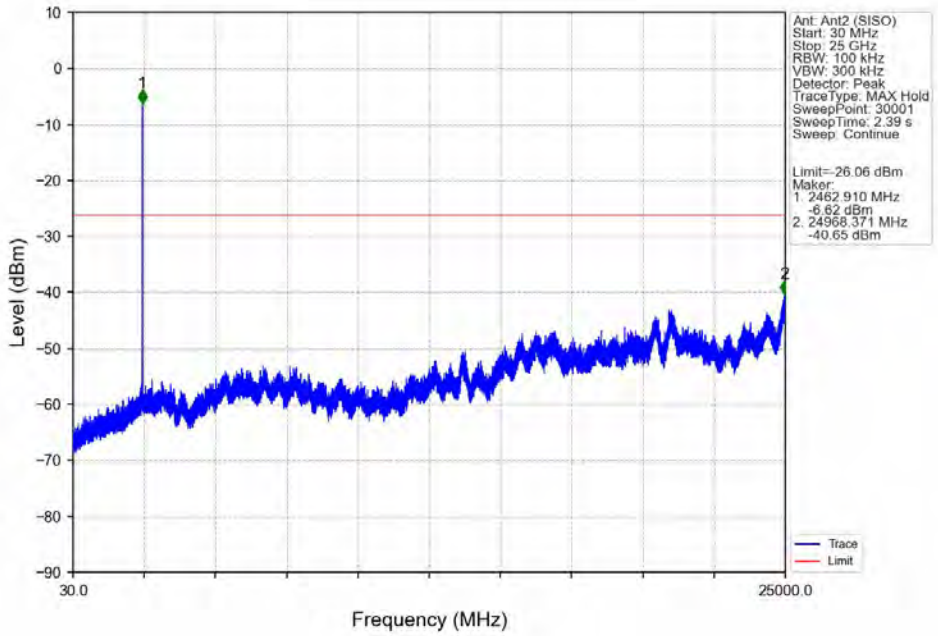
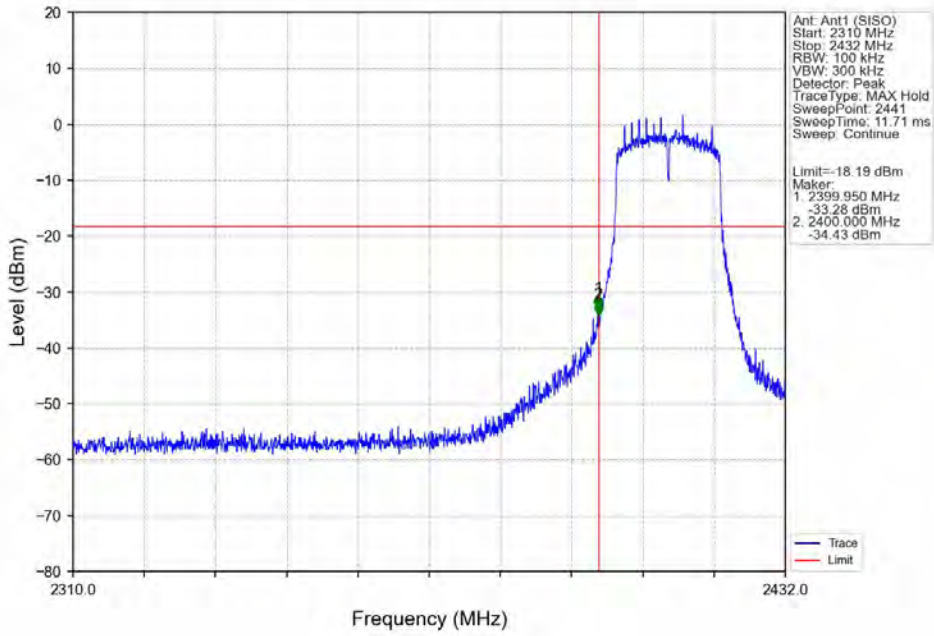
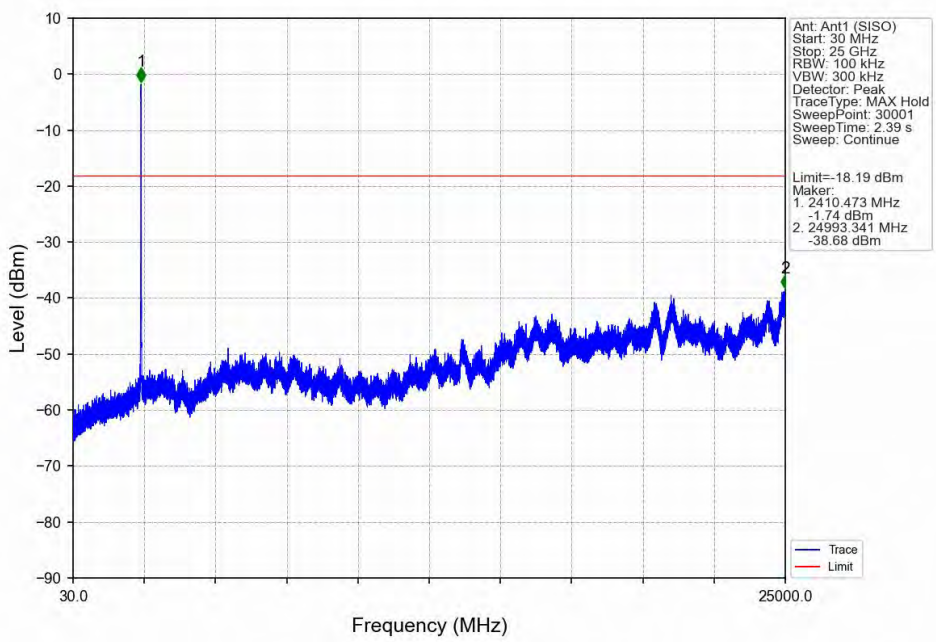


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



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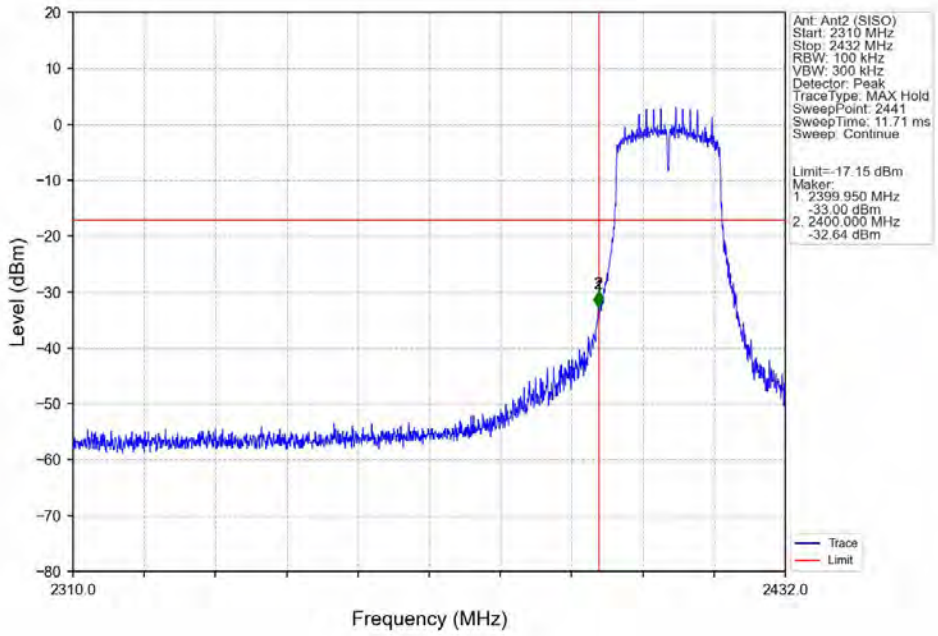


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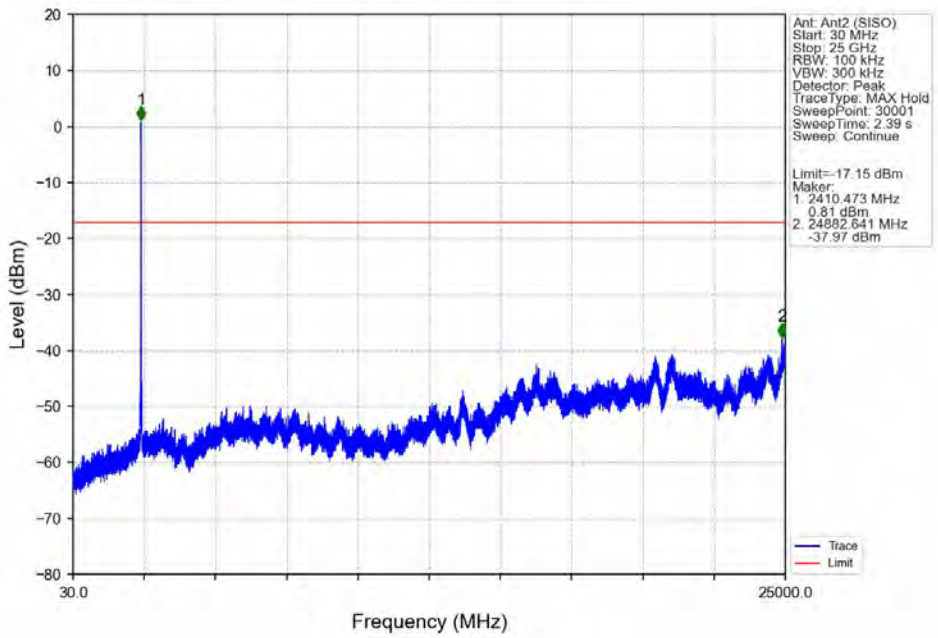
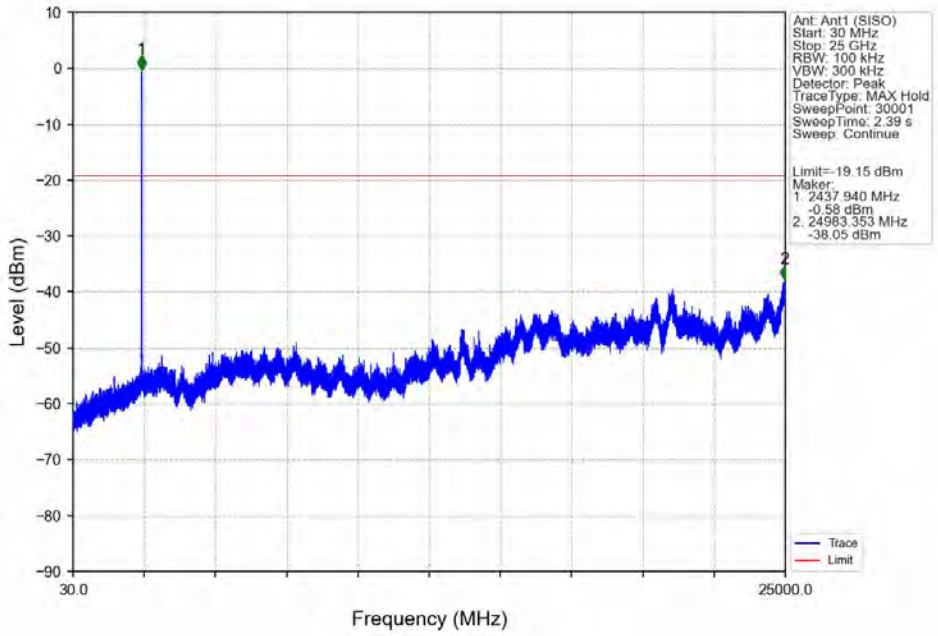


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

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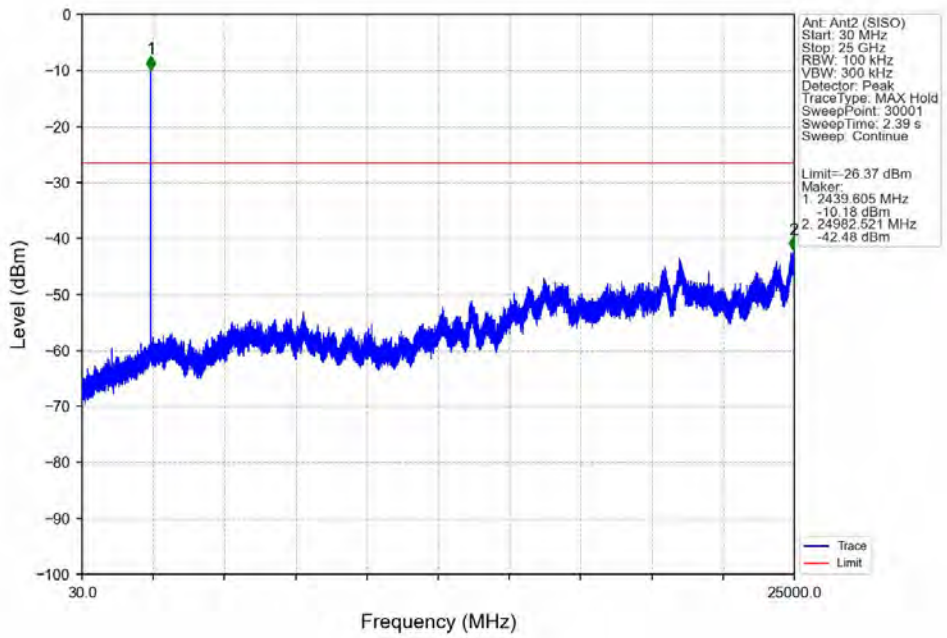

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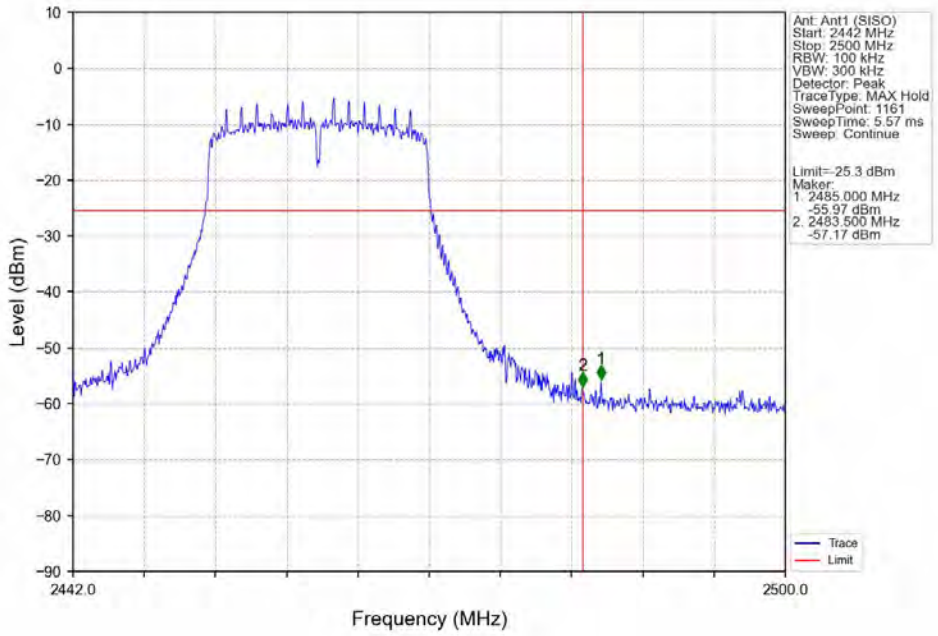


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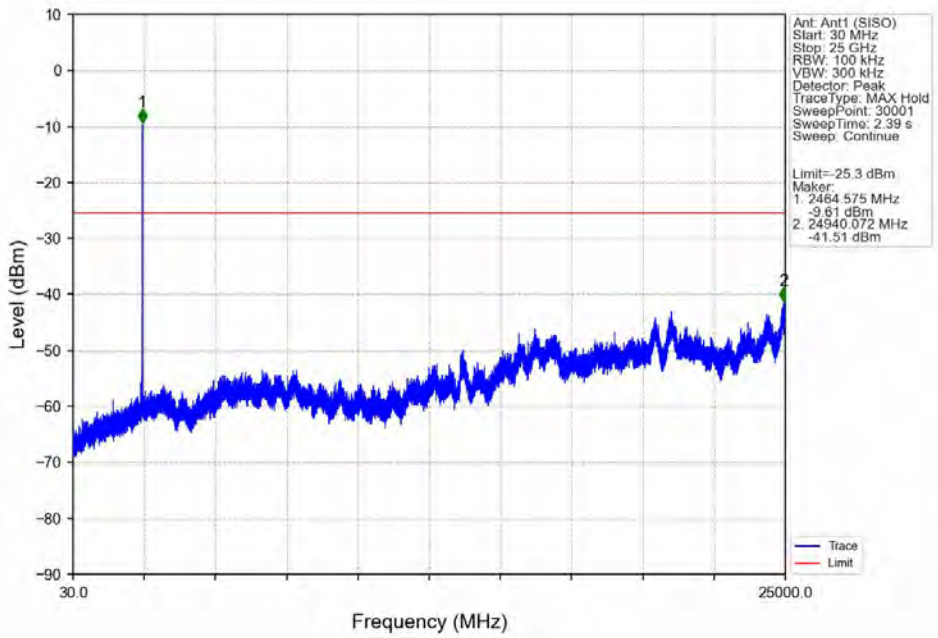

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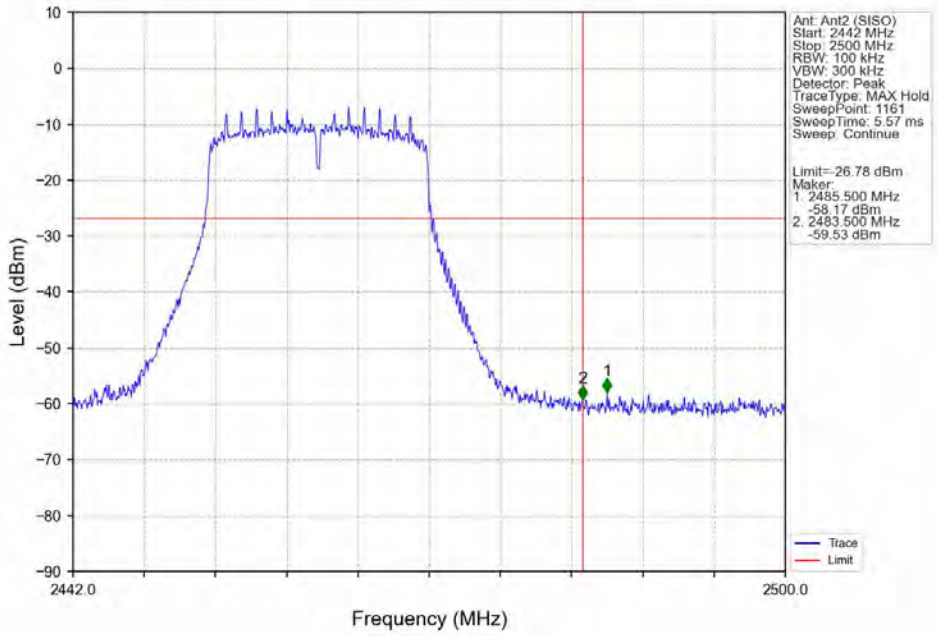
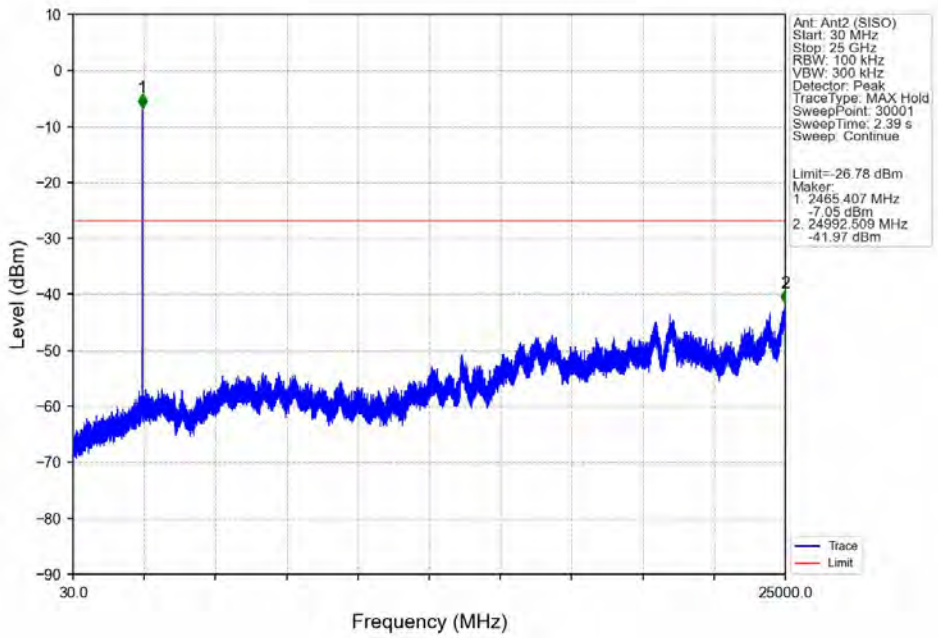
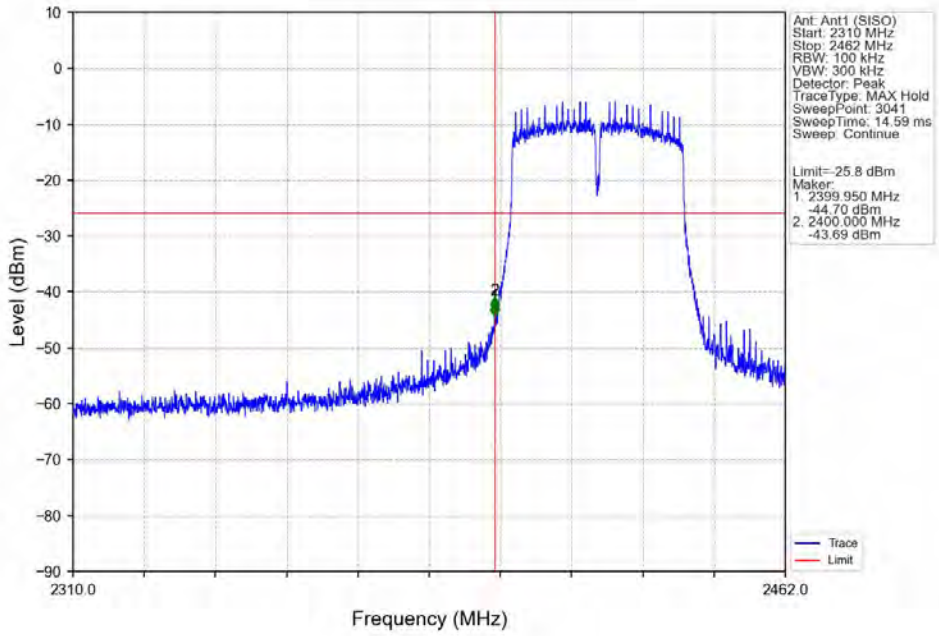


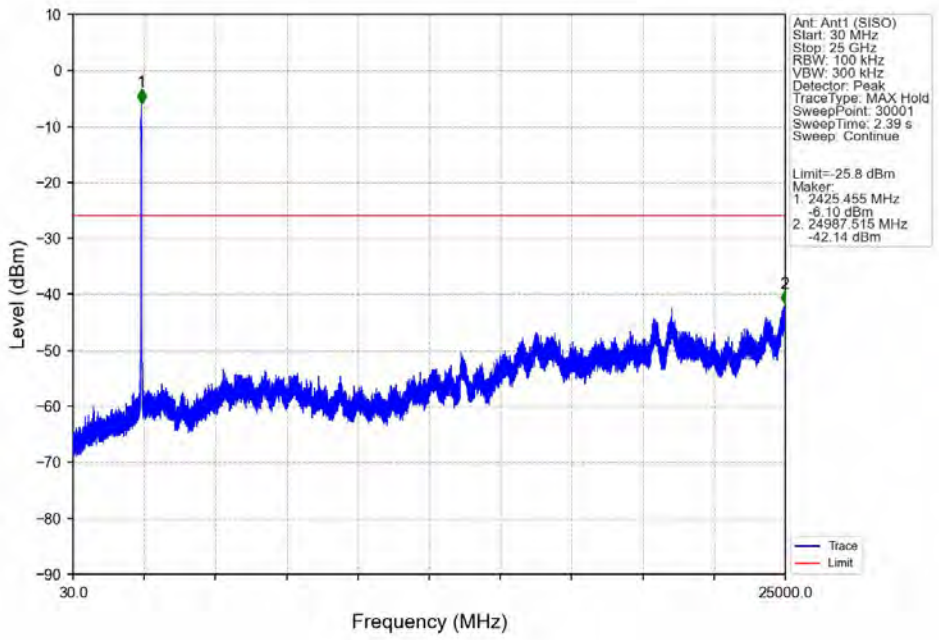

802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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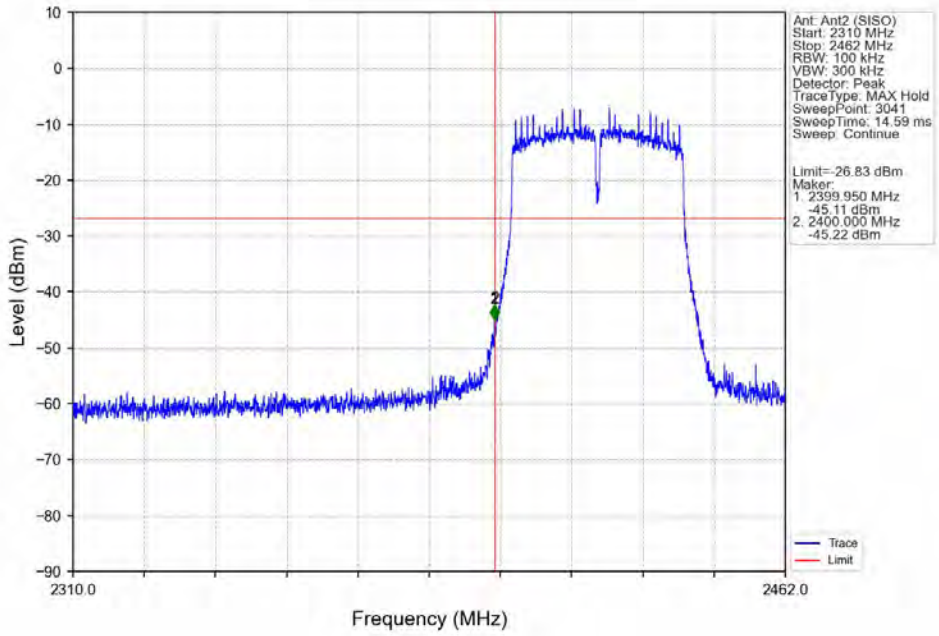
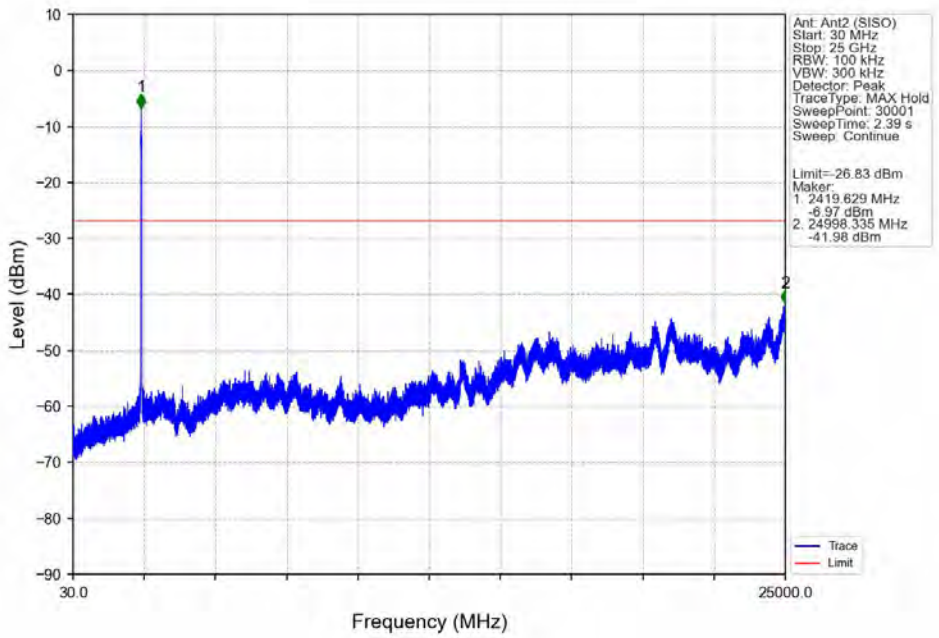
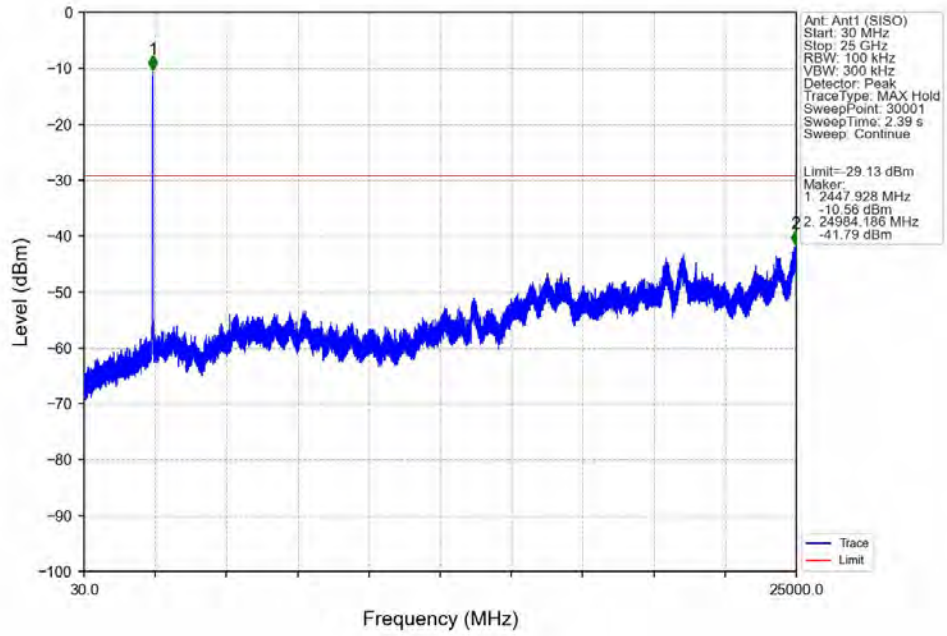



802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

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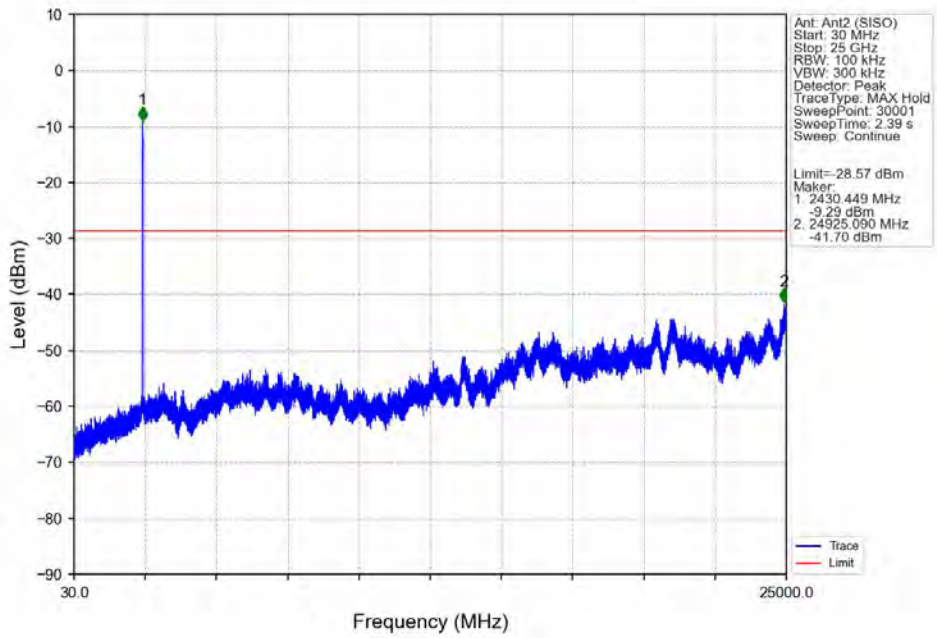

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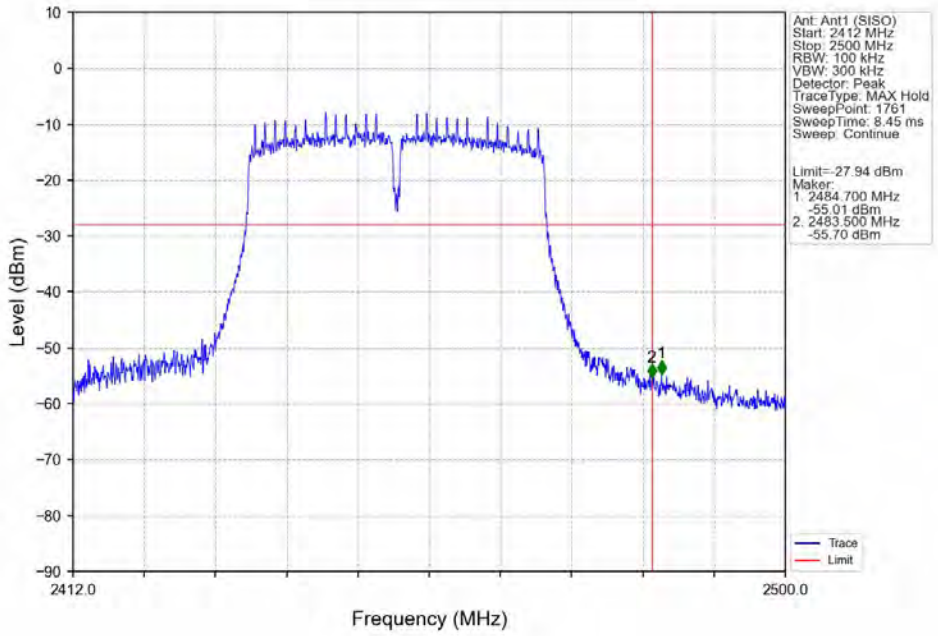
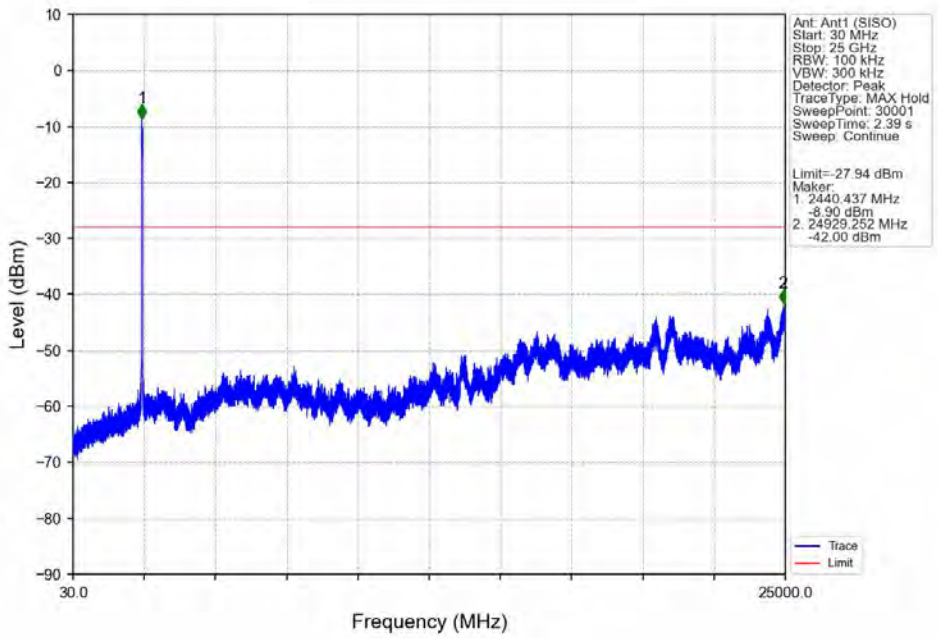
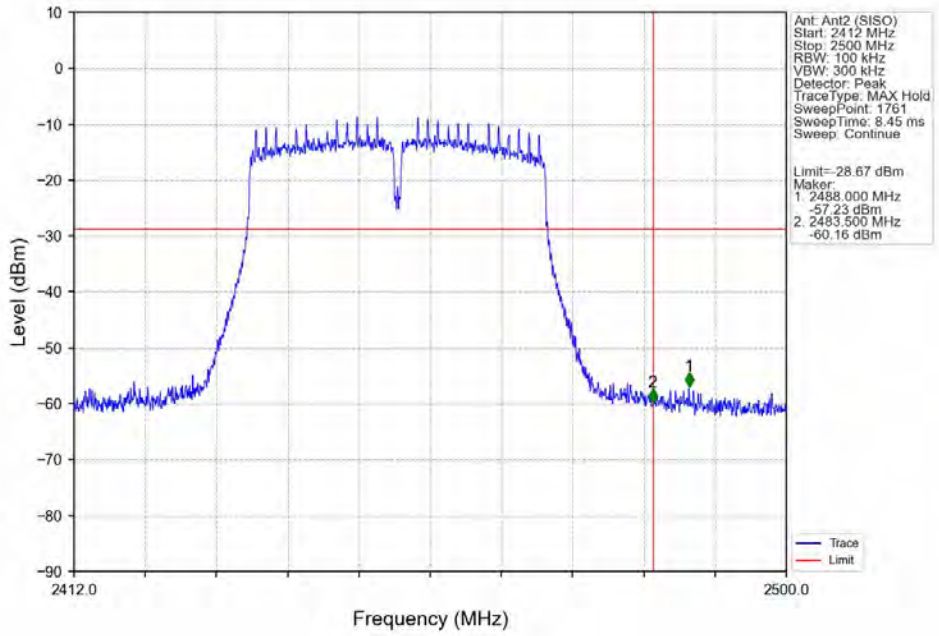
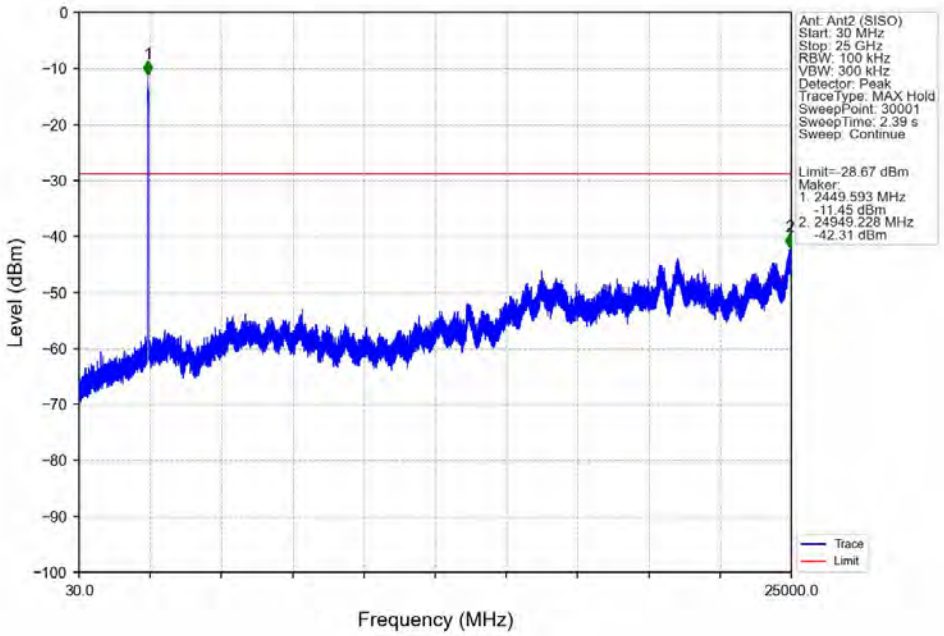



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV




802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV