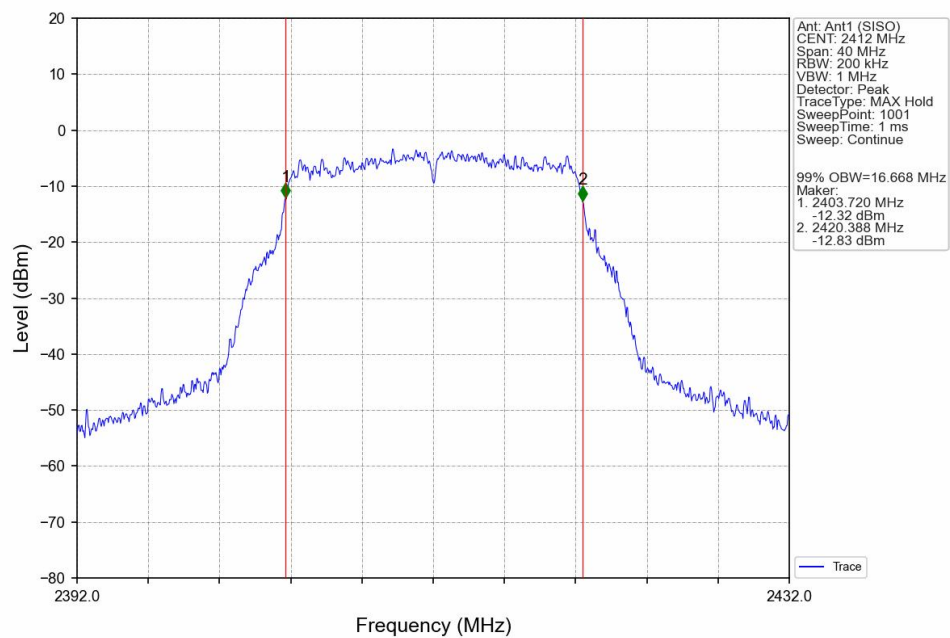
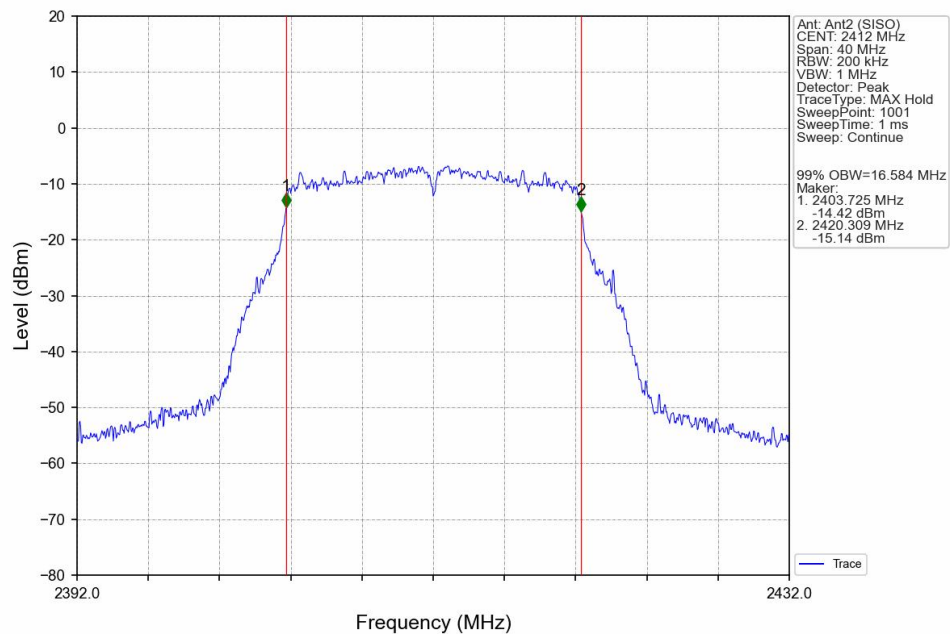


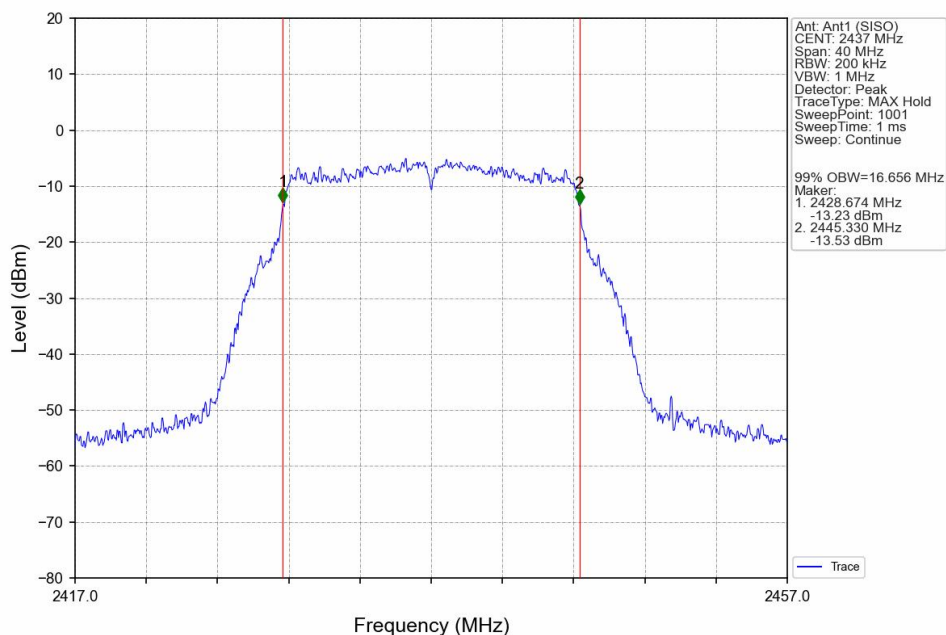
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



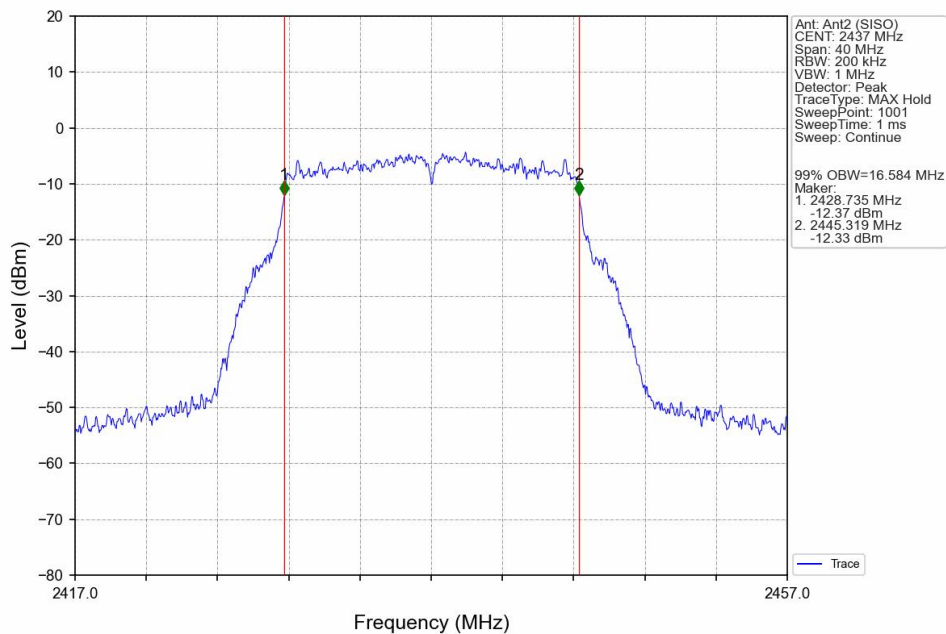
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



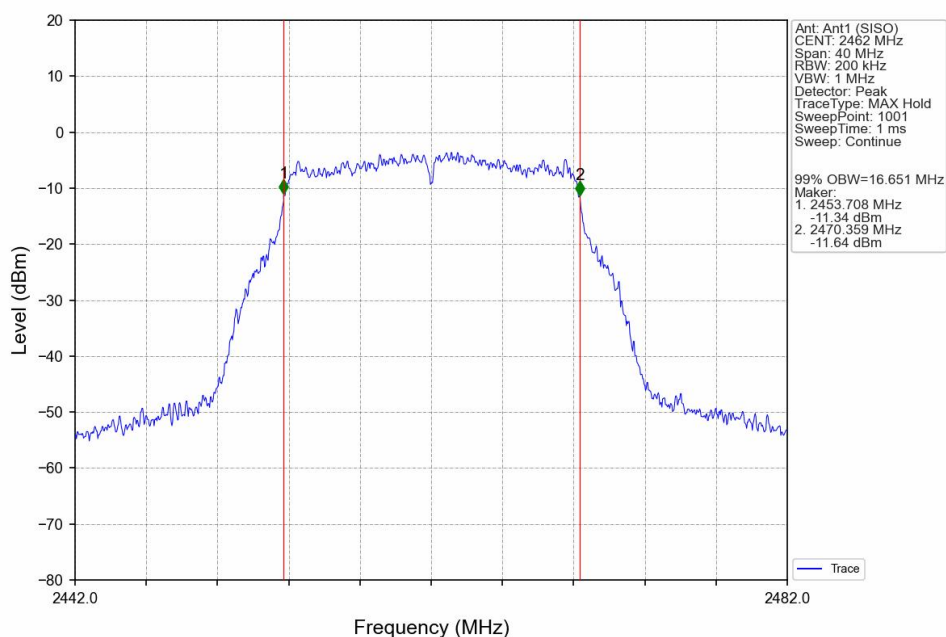
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



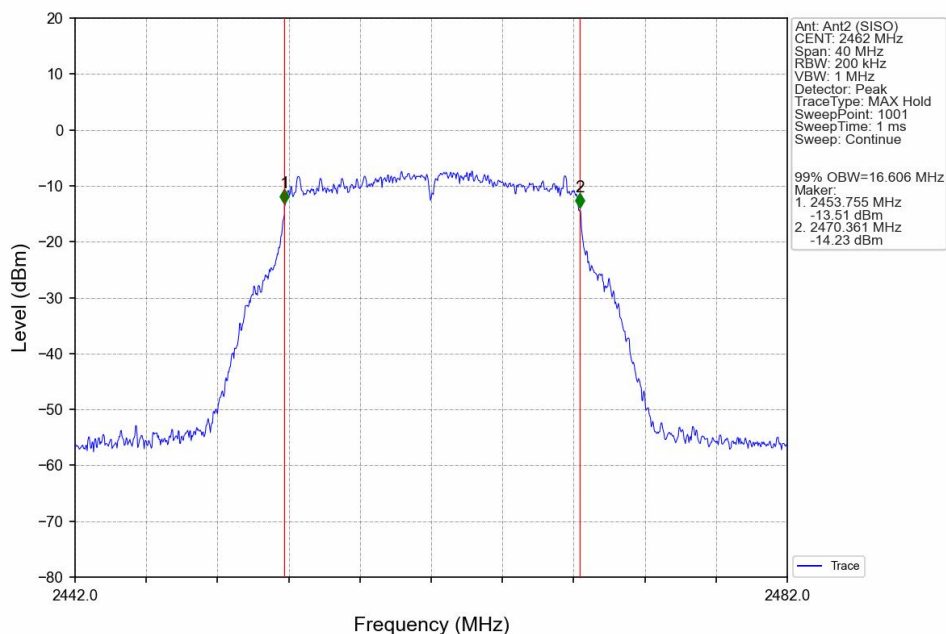
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



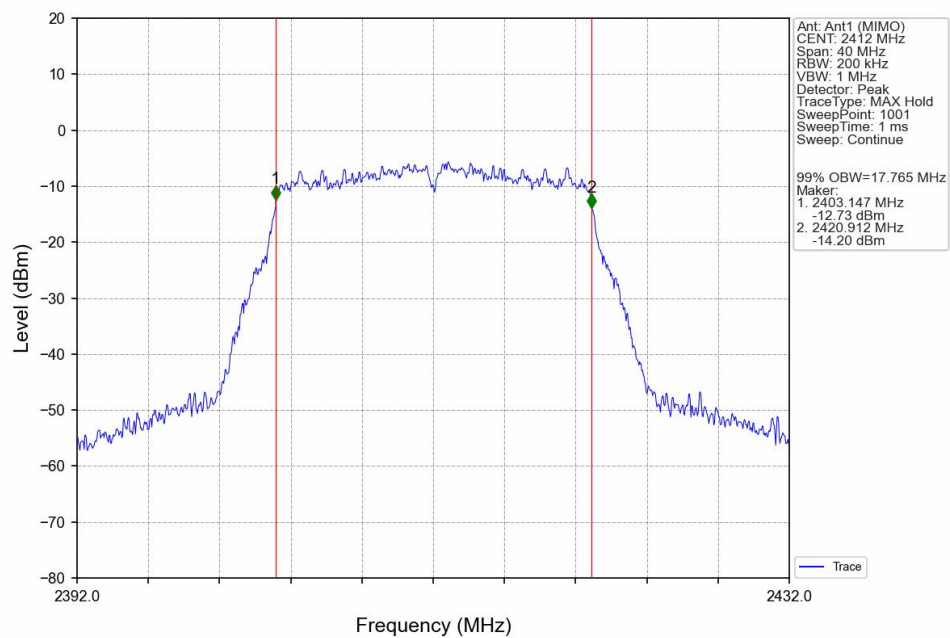
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



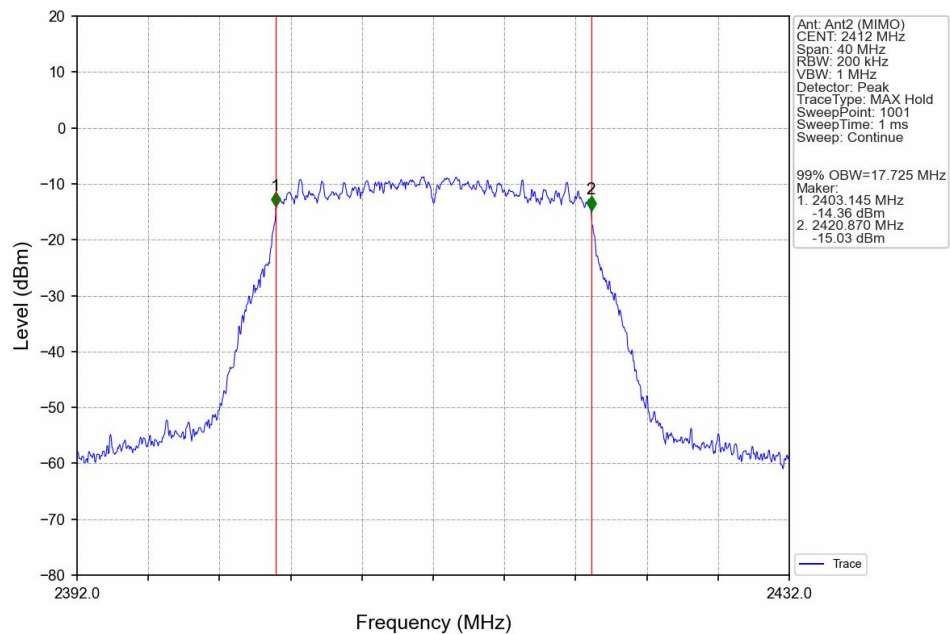
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



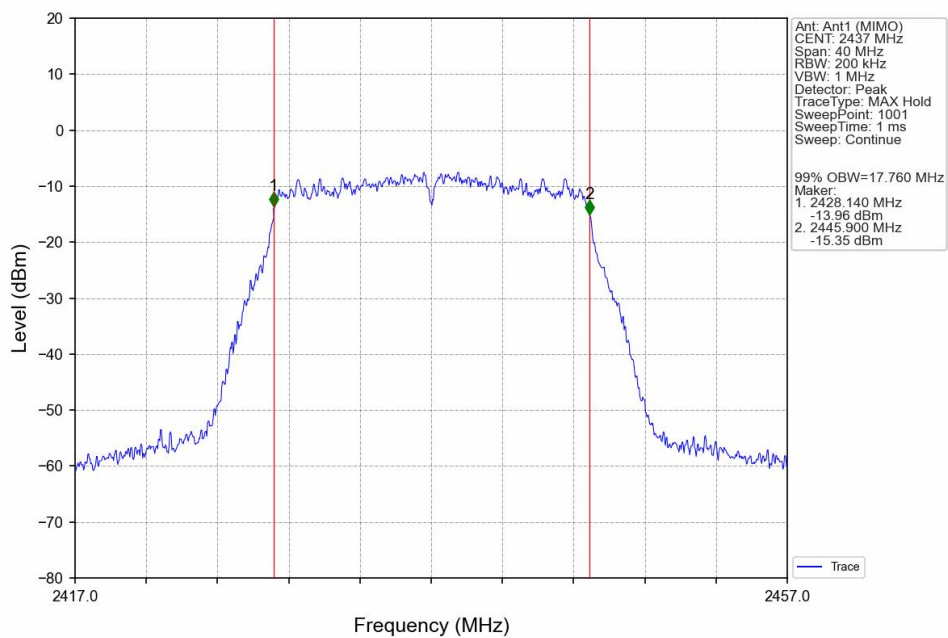
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



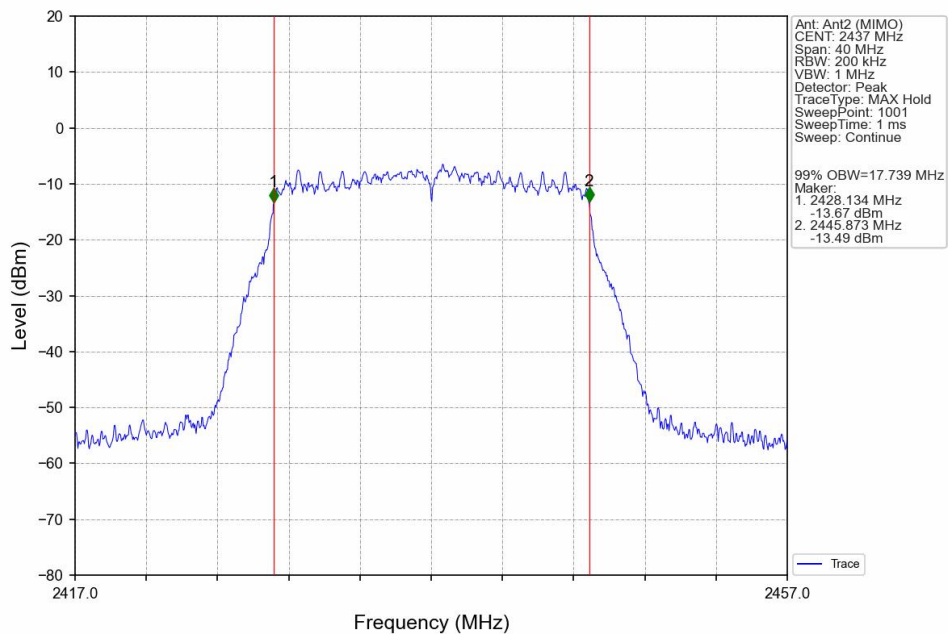
802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



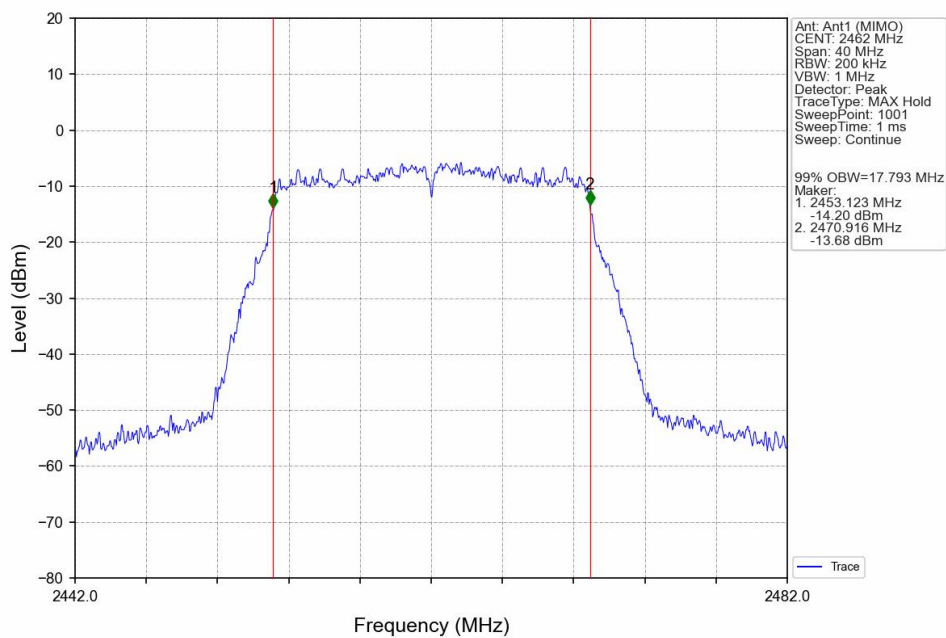
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



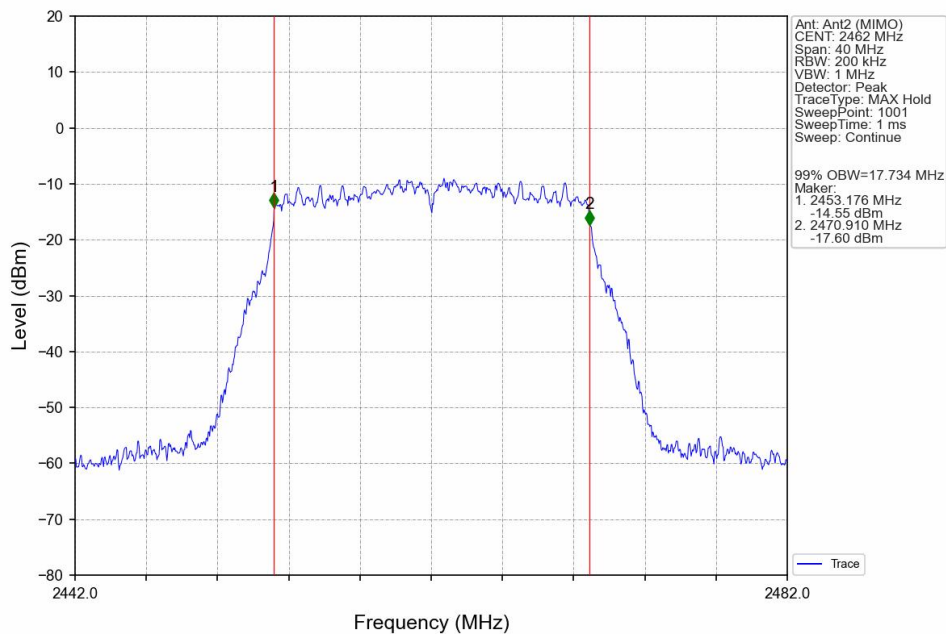
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



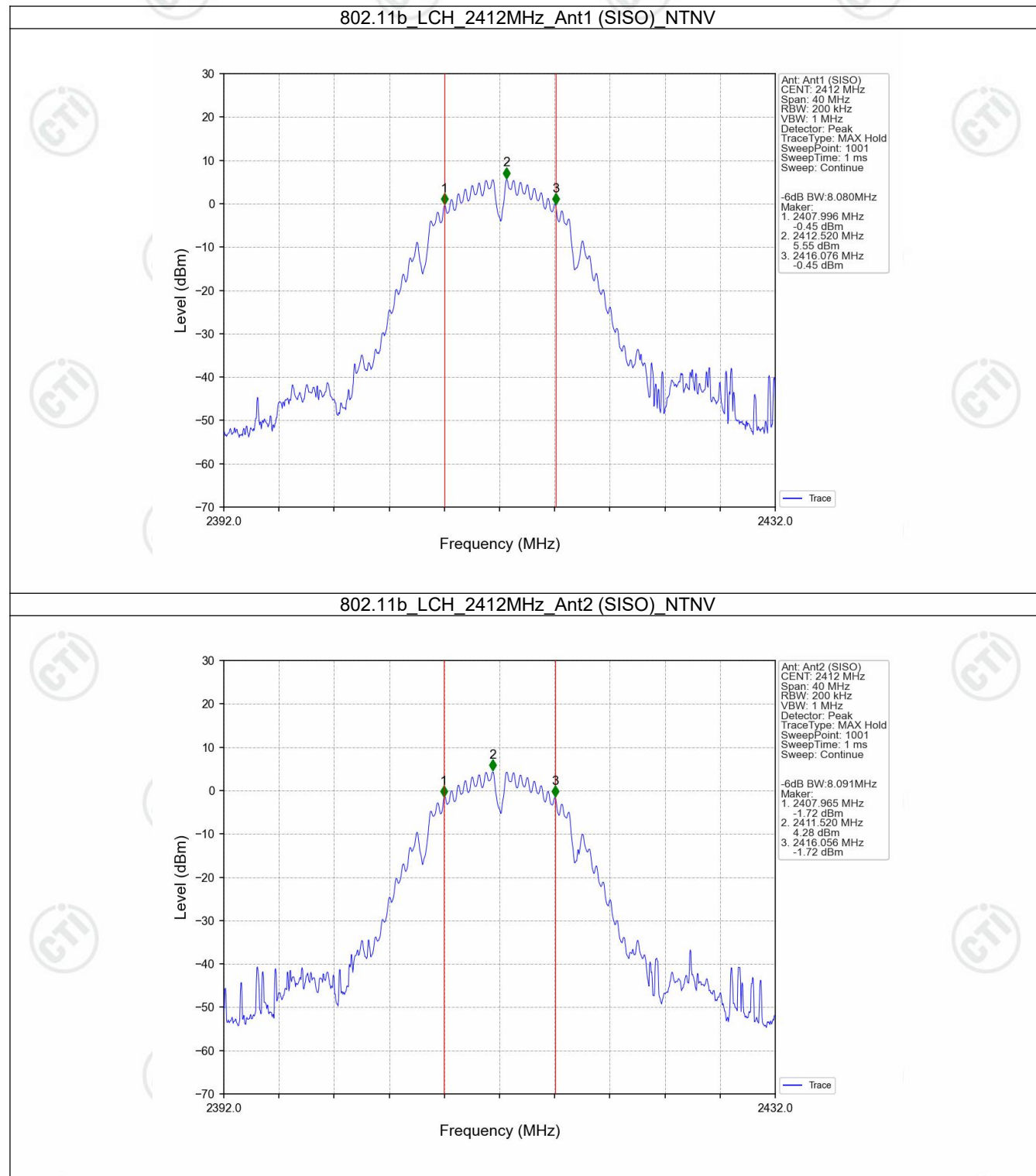
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



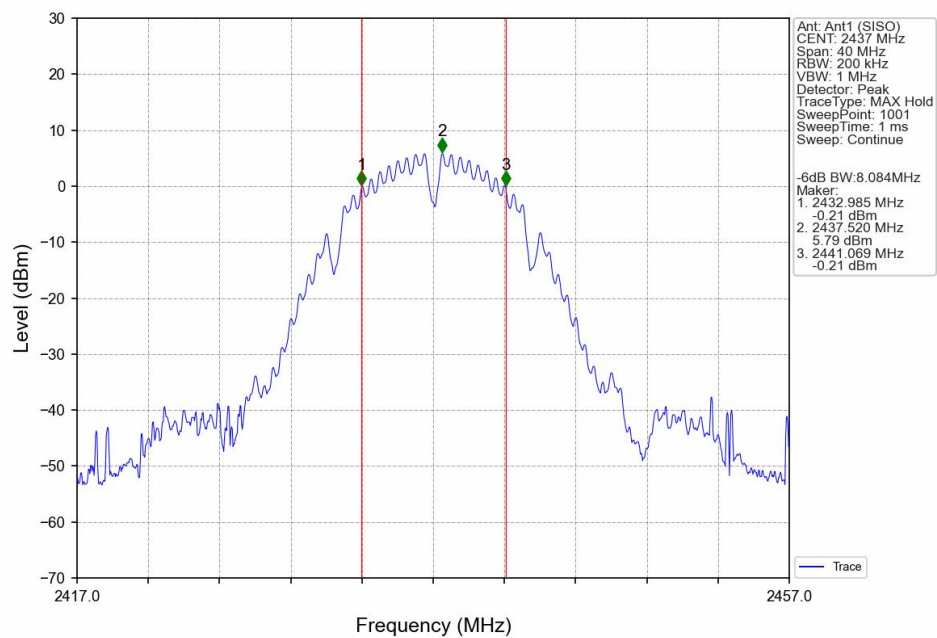
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



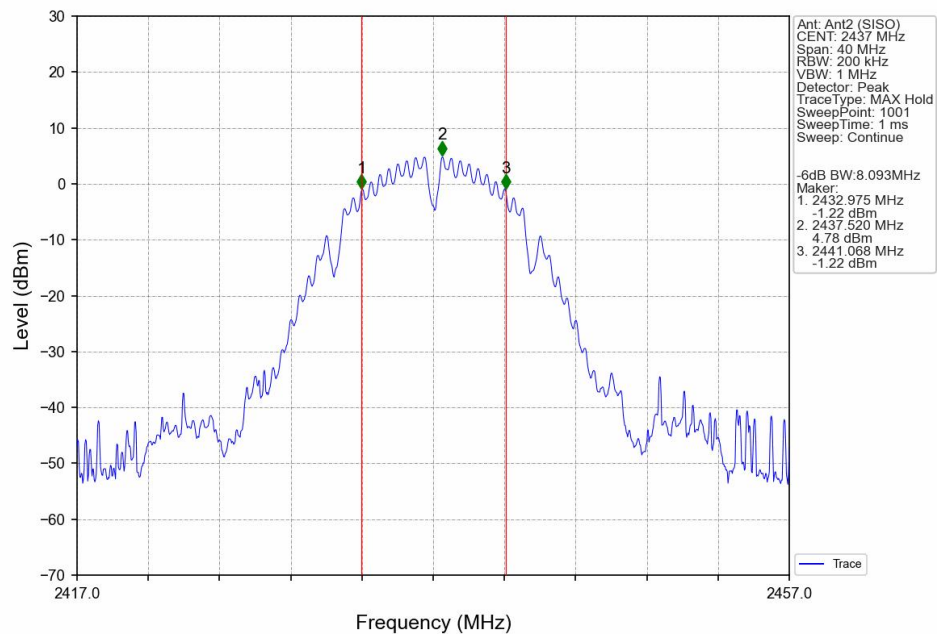
## 2.2.2 6dB BW



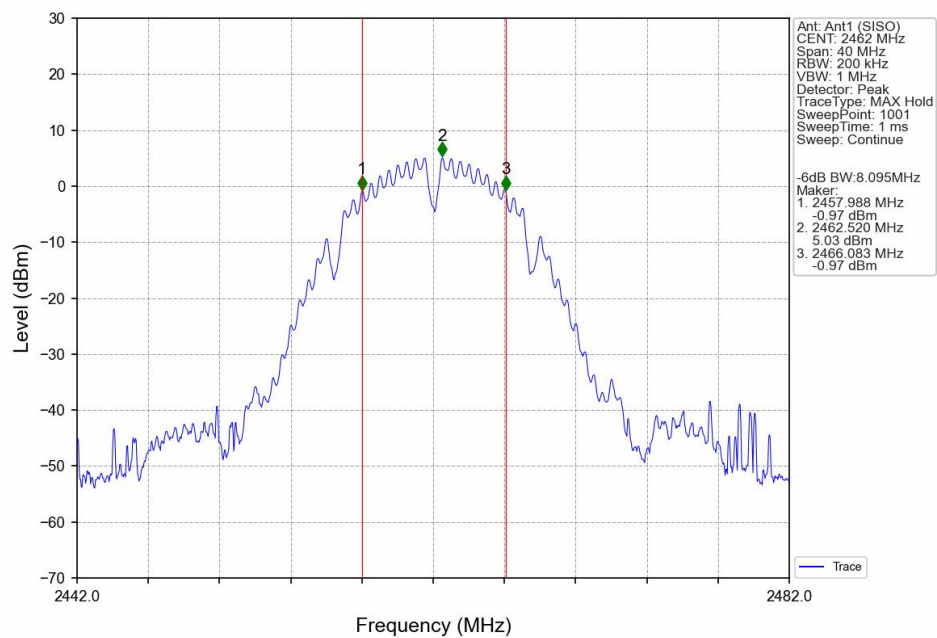
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



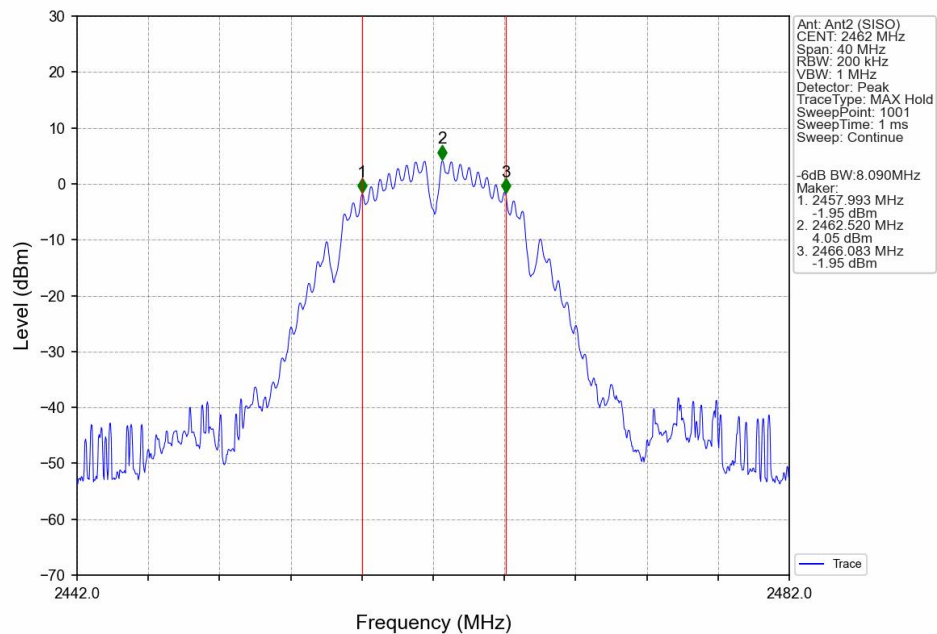
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



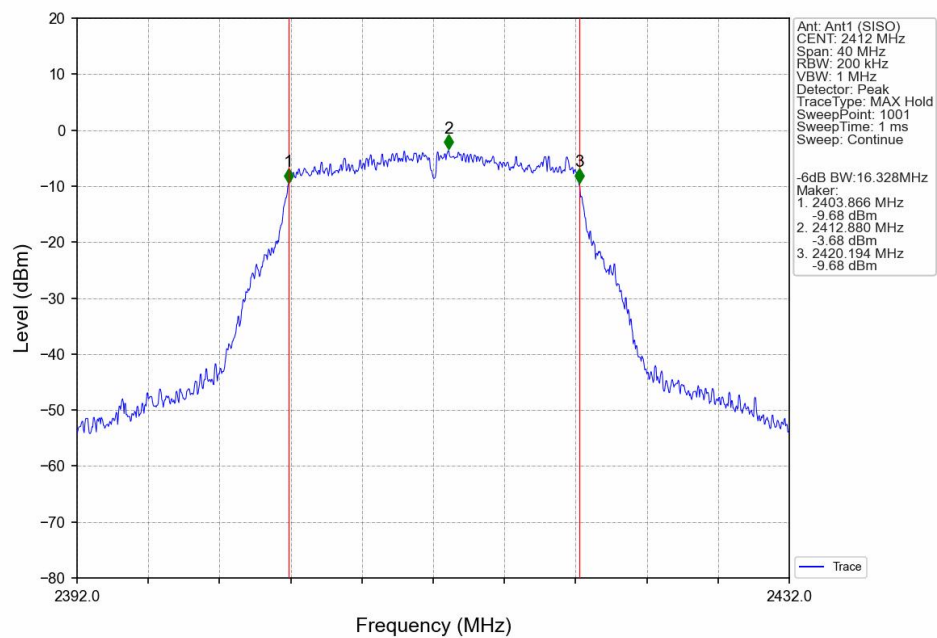
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



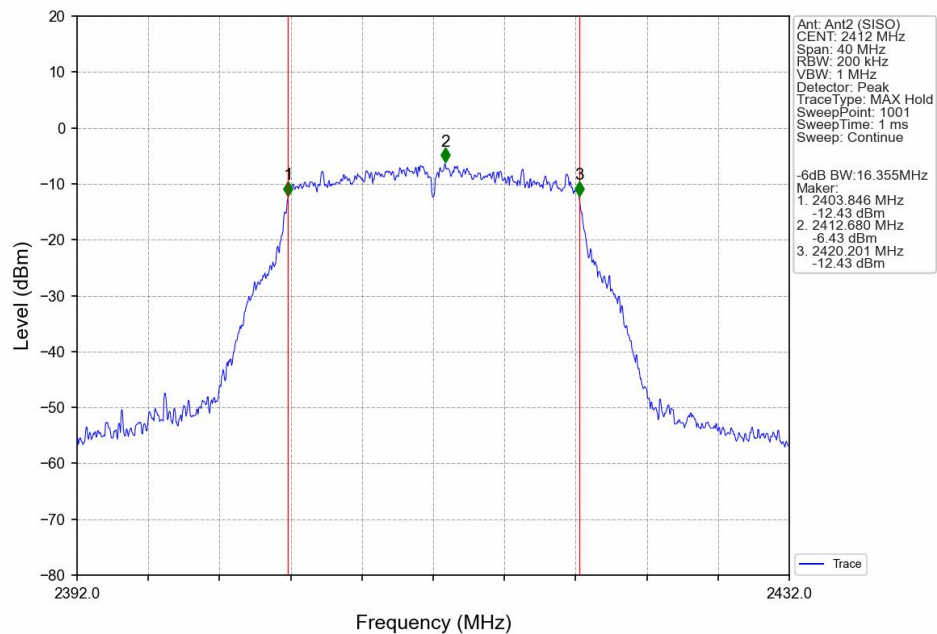
802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



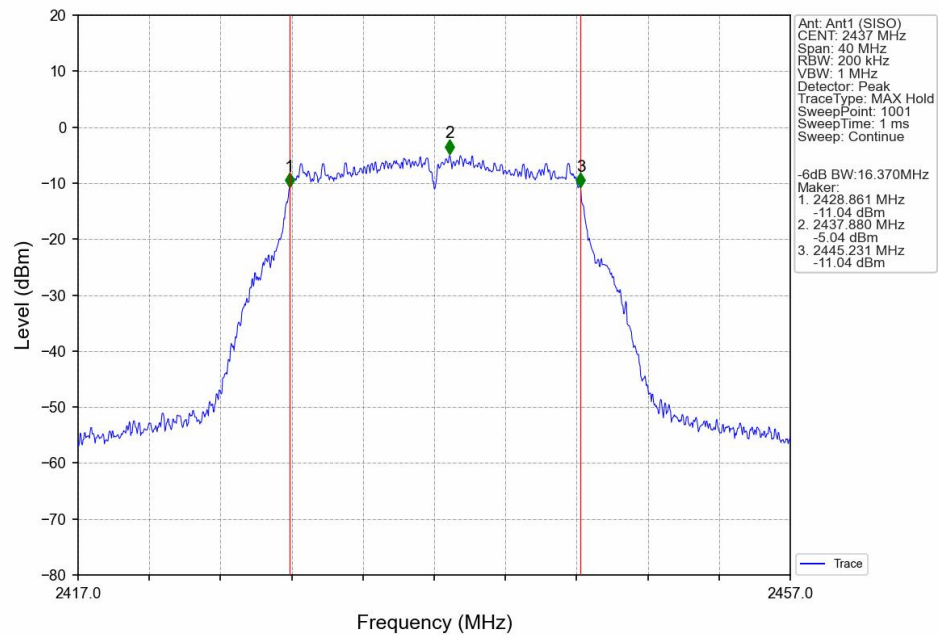
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



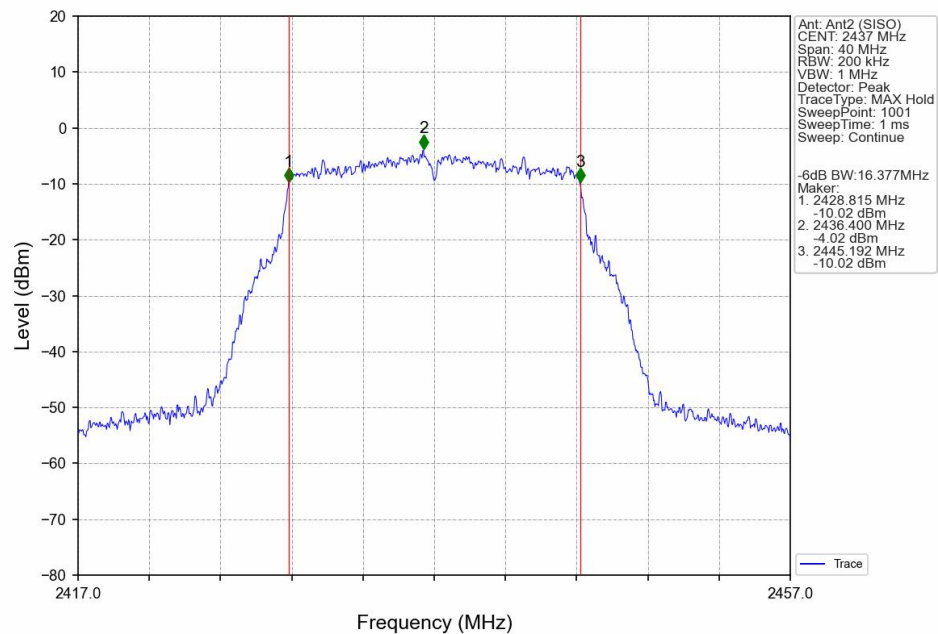
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



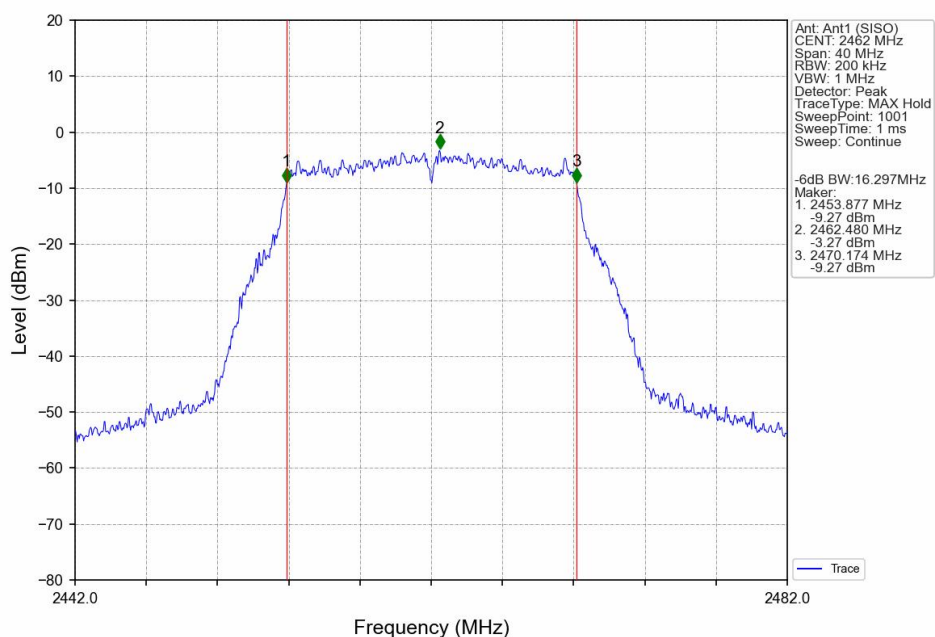
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



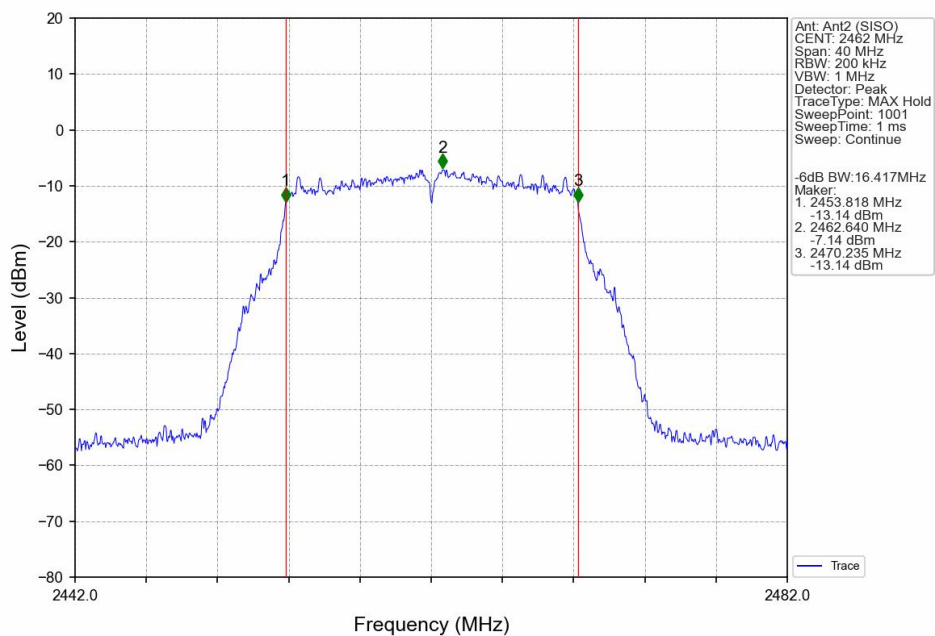
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



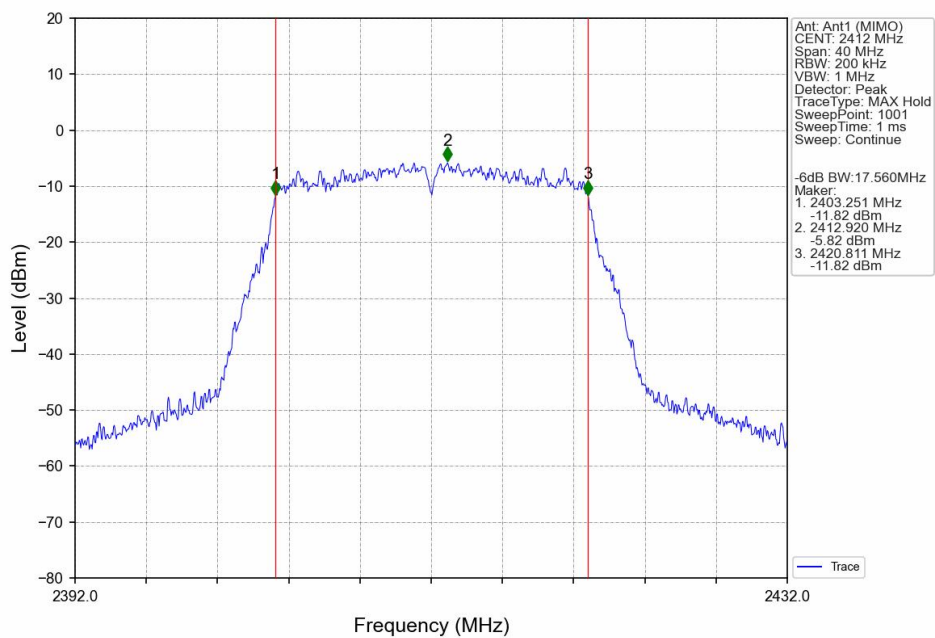
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



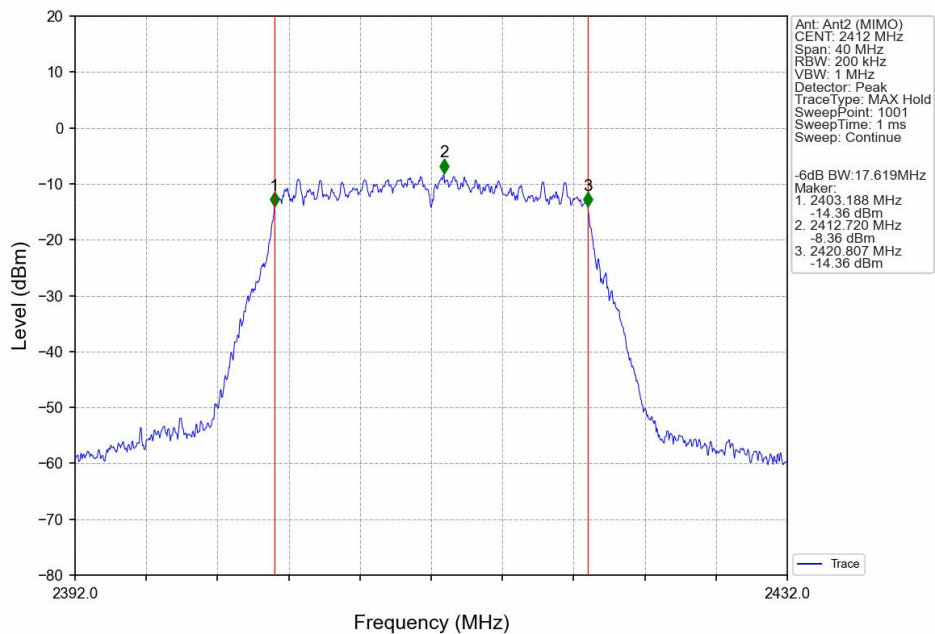
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



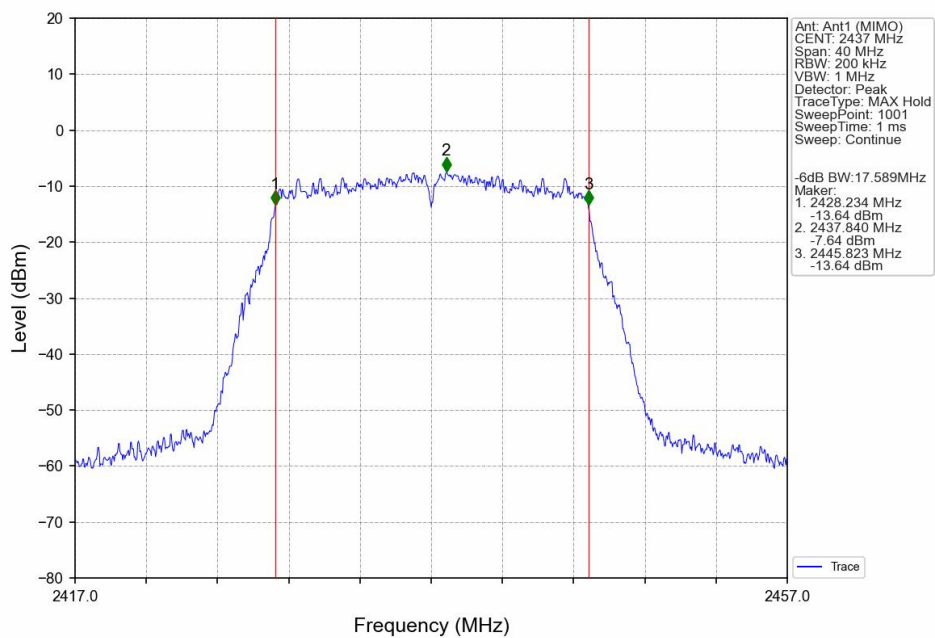
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



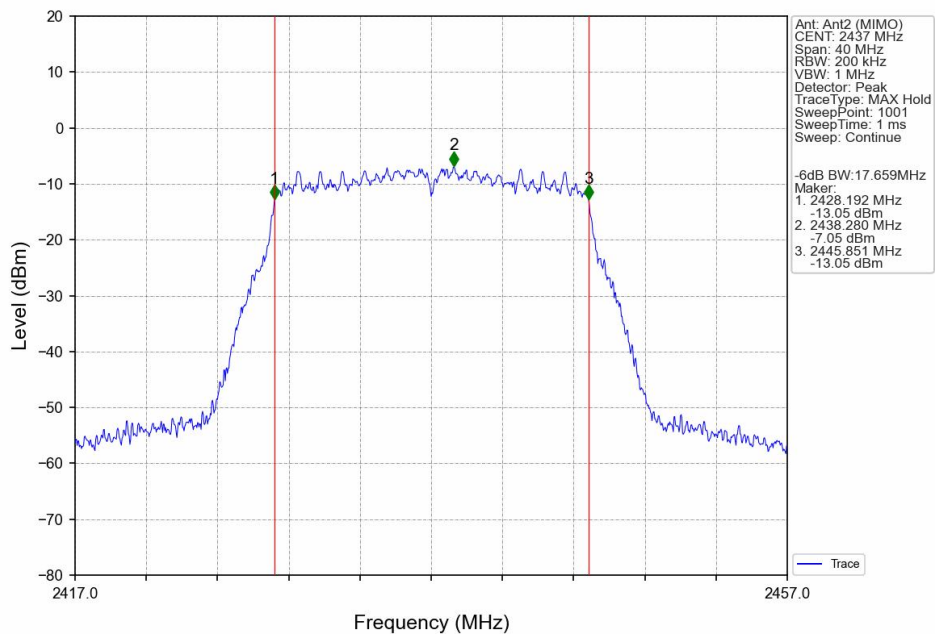
802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



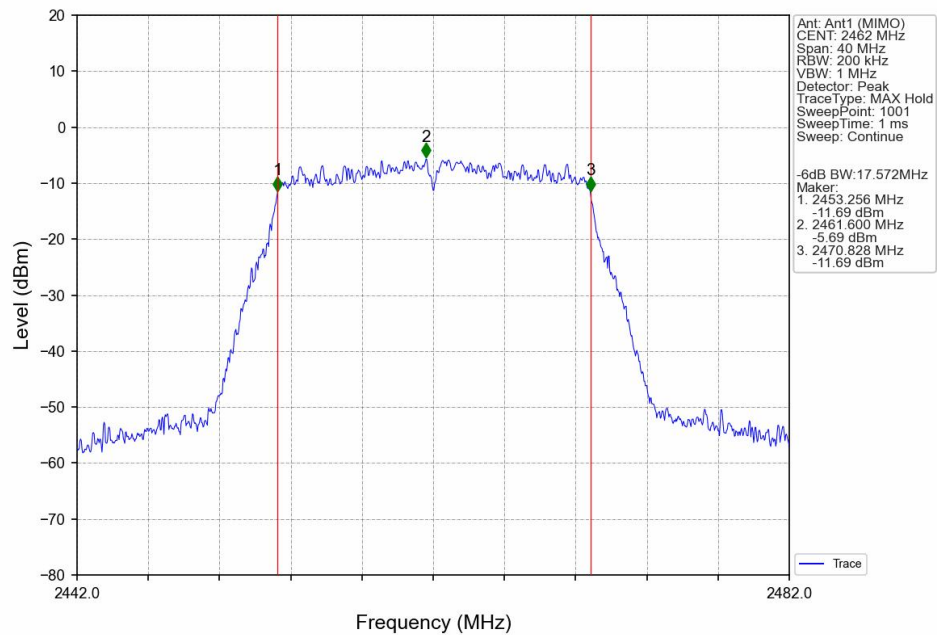
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



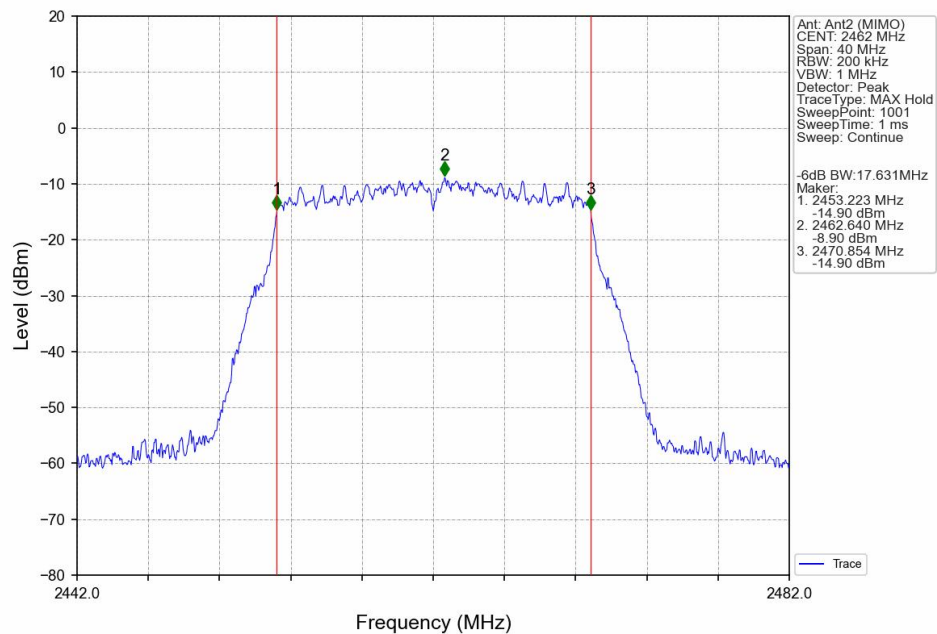
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



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



802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_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            | 14.69                                     | 13.43 | /     | <=30  | Pass    |
|                |         | 2437            | 14.91                                     | 13.90 | /     | <=30  | Pass    |
|                |         | 2462            | 14.21                                     | 13.20 | /     | <=30  | Pass    |
| 802.11g        | SISO    | 2412            | 12.89                                     | 10.39 | /     | <=30  | Pass    |
|                |         | 2437            | 11.37                                     | 12.68 | /     | <=30  | Pass    |
|                |         | 2462            | 12.85                                     | 10.02 | /     | <=30  | Pass    |
| 802.11n (HT20) | MIMO    | 2412            | 10.76                                     | 8.77  | 12.89 | <=30  | Pass    |
|                |         | 2437            | 9.10                                      | 10.44 | 12.83 | <=30  | Pass    |
|                |         | 2462            | 10.84                                     | 8.15  | 12.71 | <=30  | Pass    |

Note1: Antenna Gain: Ant1: 1.29dBi; Ant2: 2.79dBi;  
Note2: Directional Gain: 3dBi

## 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            | -9.40                  | -9.86  | /      | <=8   | Pass    |
|                |         | 2437            | -9.57                  | -9.97  | /      | <=8   | Pass    |
|                |         | 2462            | -10.31                 | -11.09 | /      | <=8   | Pass    |
| 802.11g        | SISO    | 2412            | -18.18                 | -22.29 | /      | <=8   | Pass    |
|                |         | 2437            | -20.01                 | -19.70 | /      | <=8   | Pass    |
|                |         | 2462            | -18.62                 | -21.53 | /      | <=8   | Pass    |
| 802.11n (HT20) | MIMO    | 2412            | -21.93                 | -23.09 | -20.88 | <=8   | Pass    |
|                |         | 2437            | -22.46                 | -21.76 | -20.61 | <=8   | Pass    |
|                |         | 2462            | -20.99                 | -24.51 | -20.31 | <=8   | Pass    |

Note1: Antenna Gain: Ant1: 1.29dBi; Ant2: 2.79dBi;  
Note2: Directional Gain: Band1: 3dBi