

## 1. Bandwidth

### 1.1 Test Result

#### 1.1.1 OBW

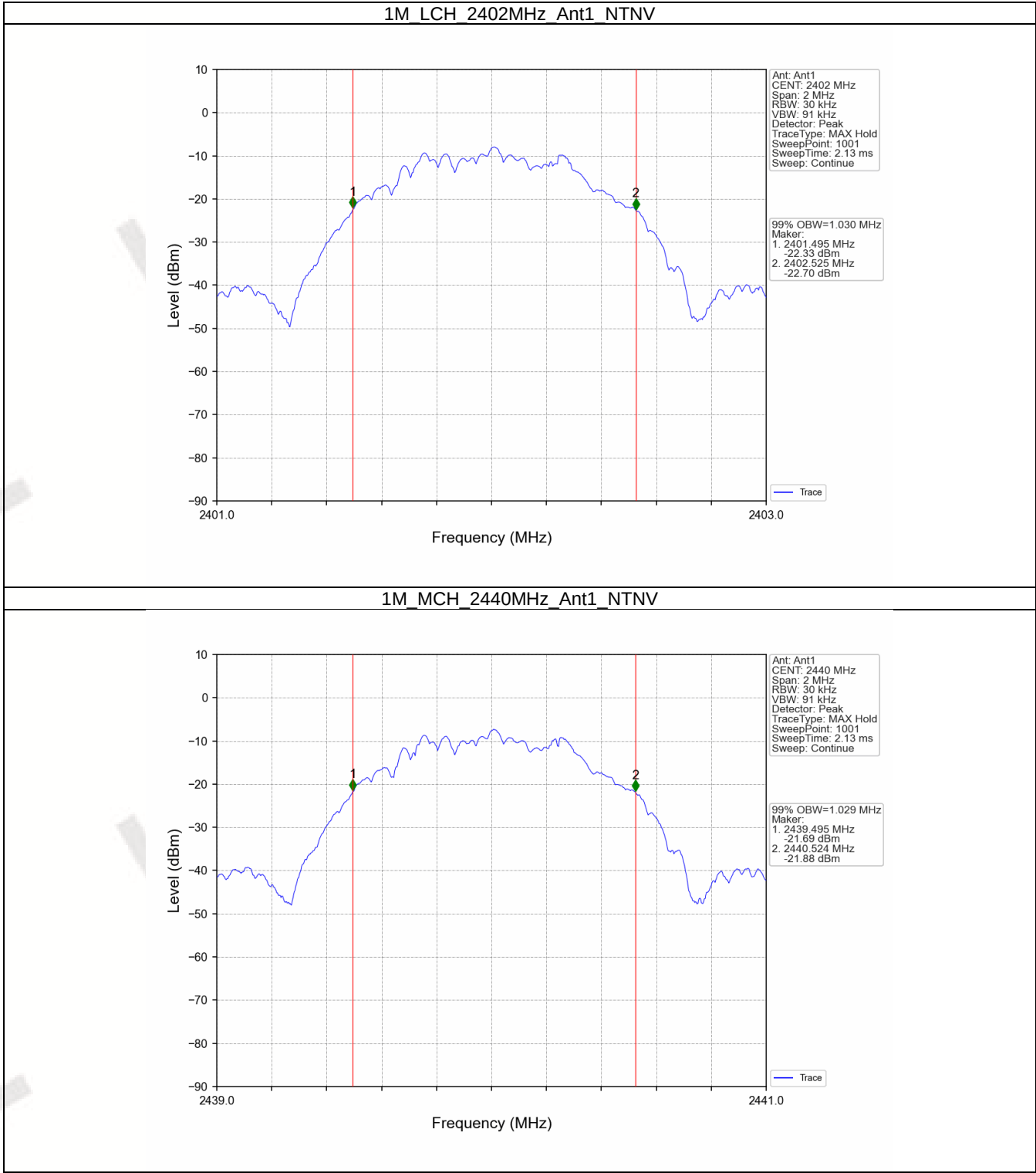
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 1.030                        | /     | Pass    |
|      |         | 2440            | 1   | 1.029                        | /     | Pass    |
|      |         | 2480            | 1   | 1.029                        | /     | Pass    |
| 2M   | SISO    | 2402            | 1   | 2.047                        | /     | Pass    |
|      |         | 2440            | 1   | 2.049                        | /     | Pass    |
|      |         | 2480            | 1   | 2.050                        | /     | Pass    |

#### 1.1.2 6dB BW

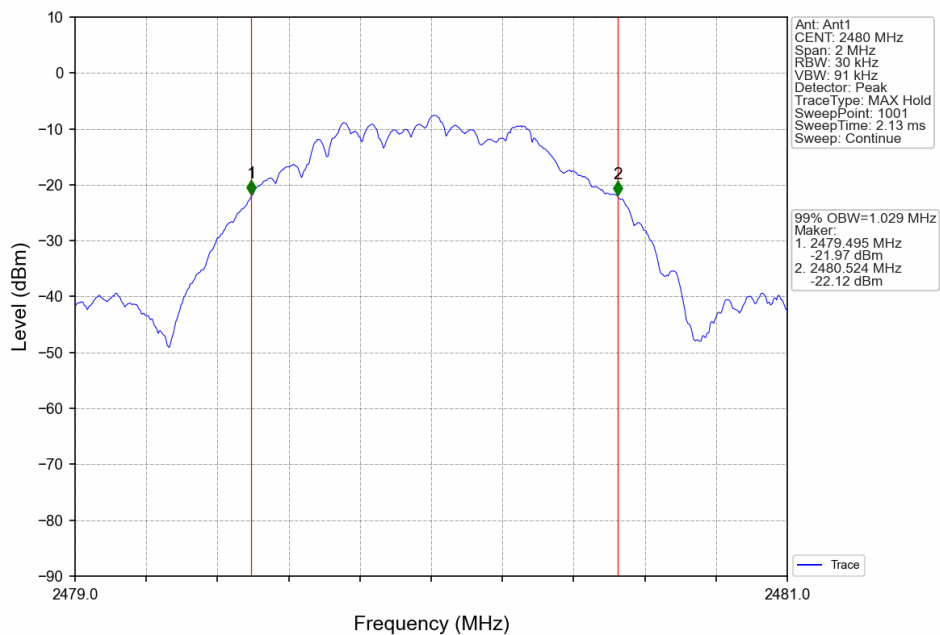
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.660               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.662               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.656               | $\geq 0.5$ | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.166               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 1.167               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 1.160               | $\geq 0.5$ | Pass    |

1.2 Test Graph

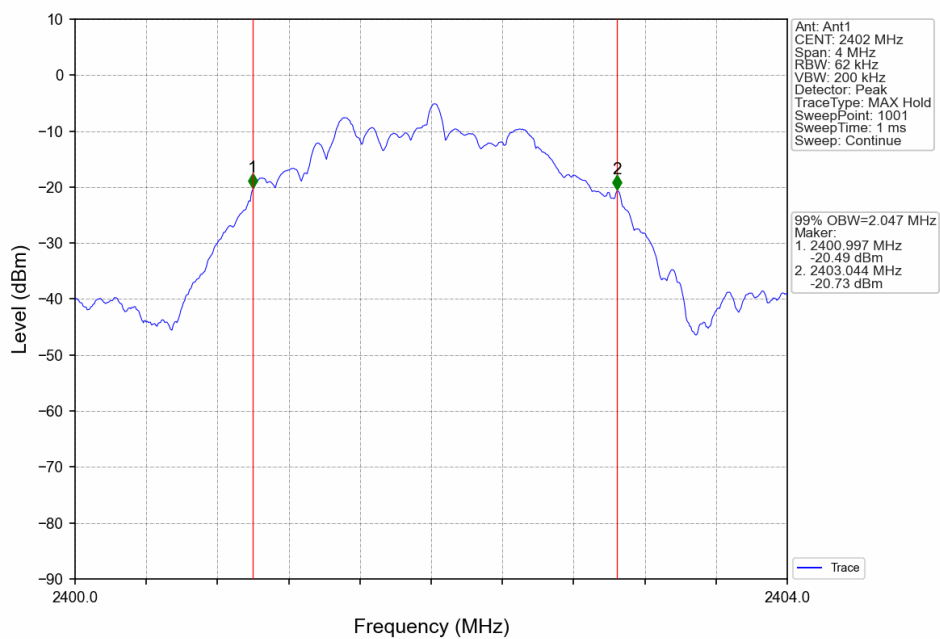
1.2.1 OBW



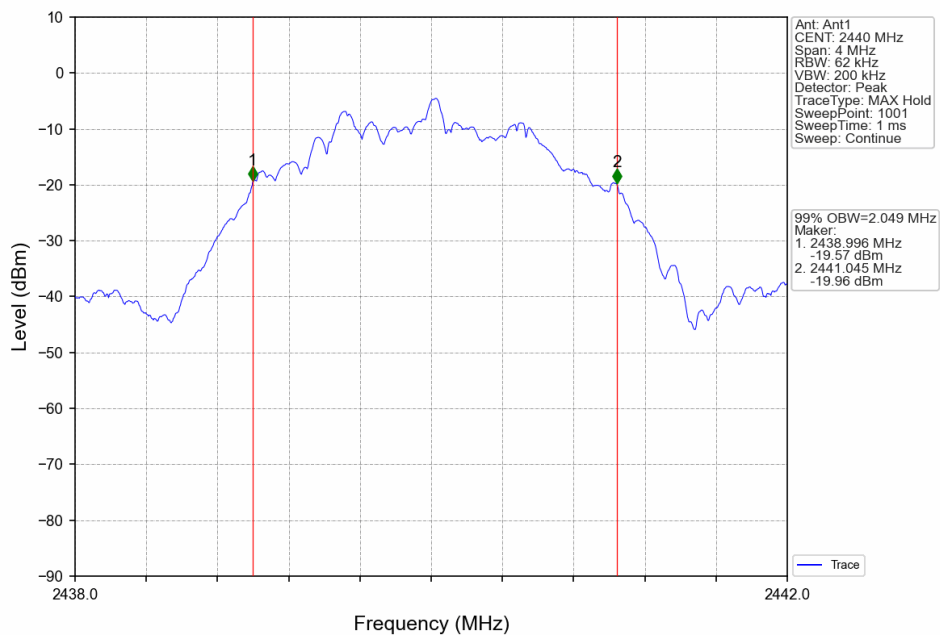
1M\_HCH\_2480MHz\_Ant1\_NTNV



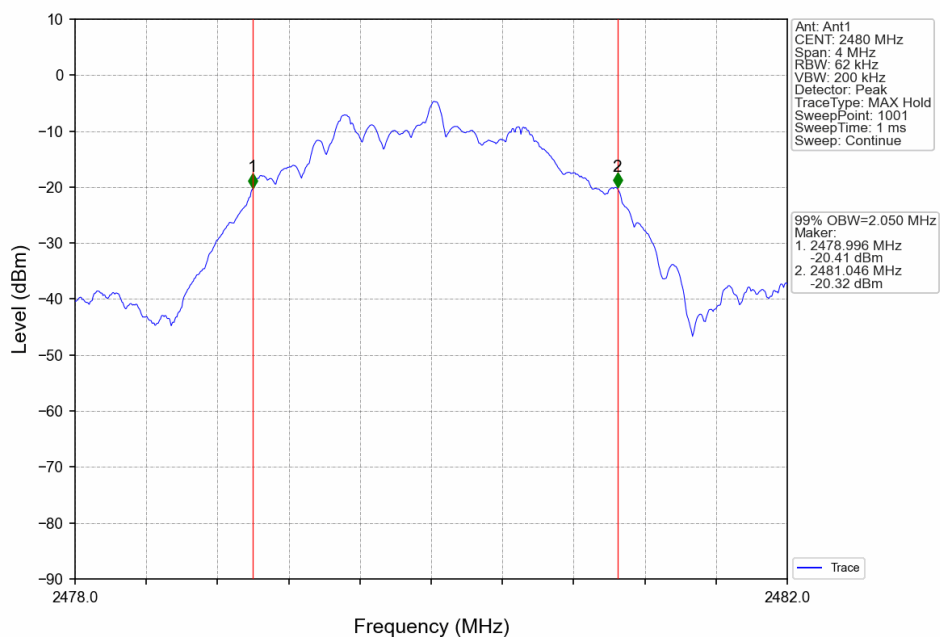
2M\_LCH\_2402MHz\_Ant1\_NTNV



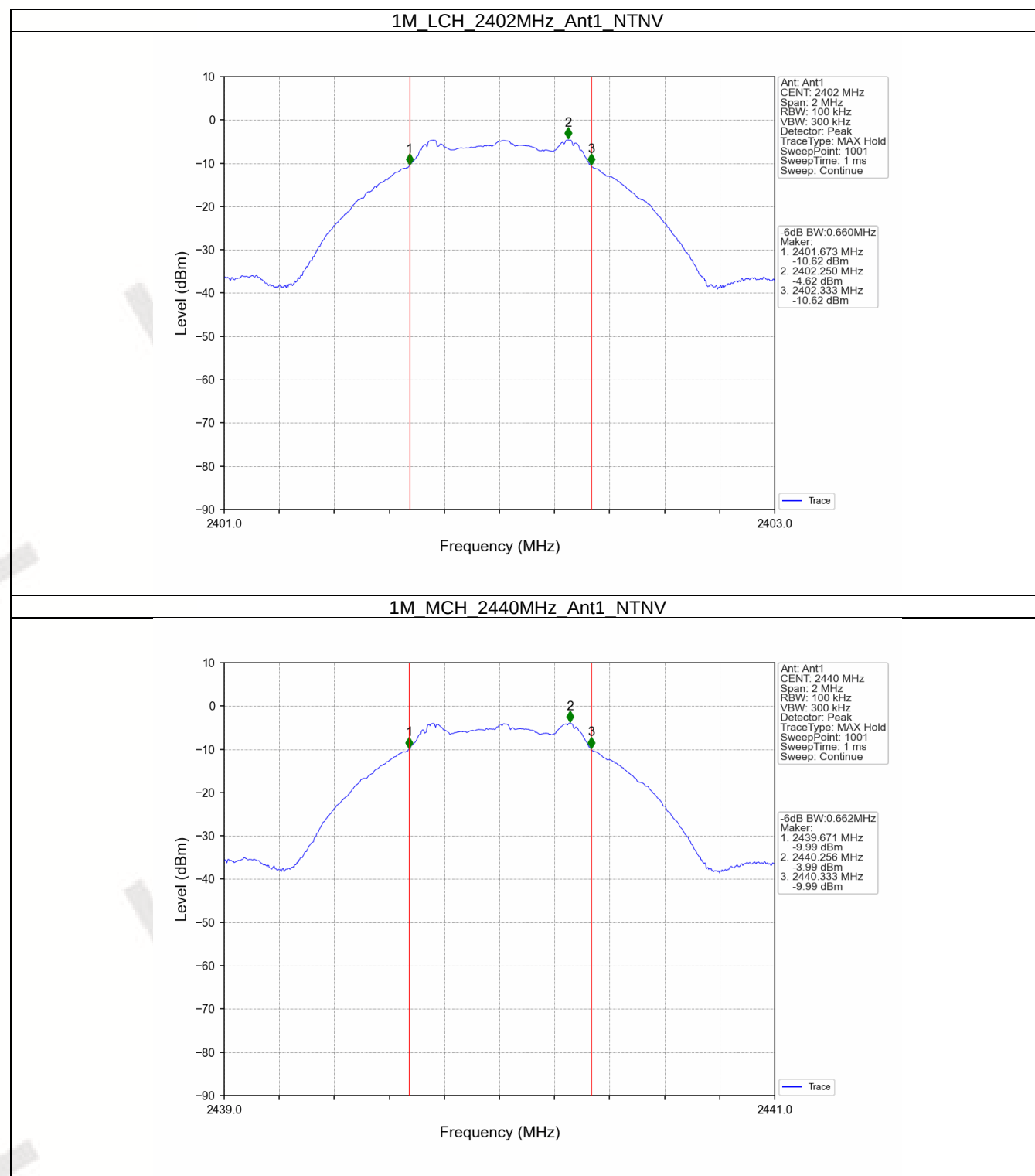
2M\_MCH\_2440MHz\_Ant1\_NTNV



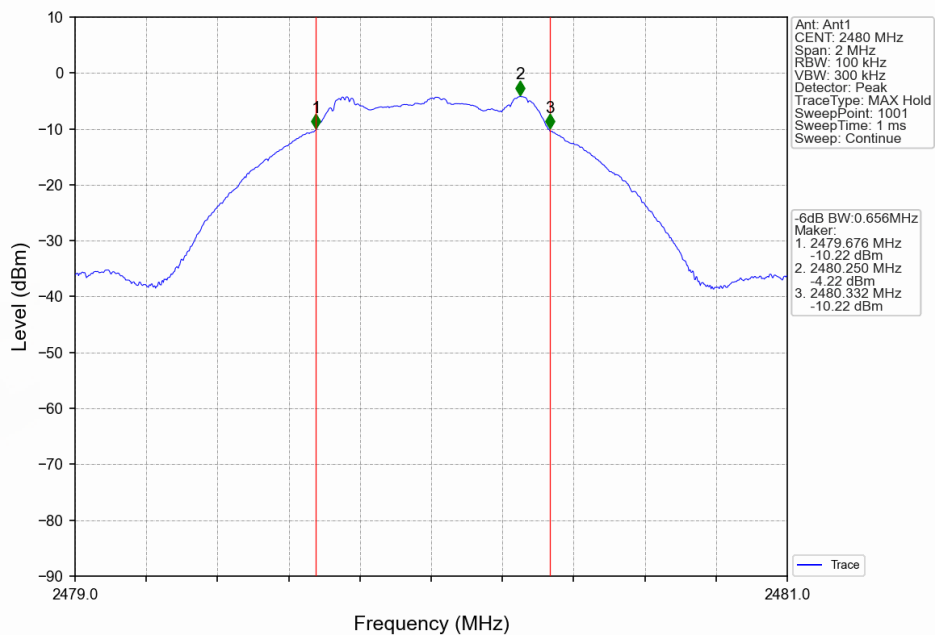
2M\_HCH\_2480MHz\_Ant1\_NTNV



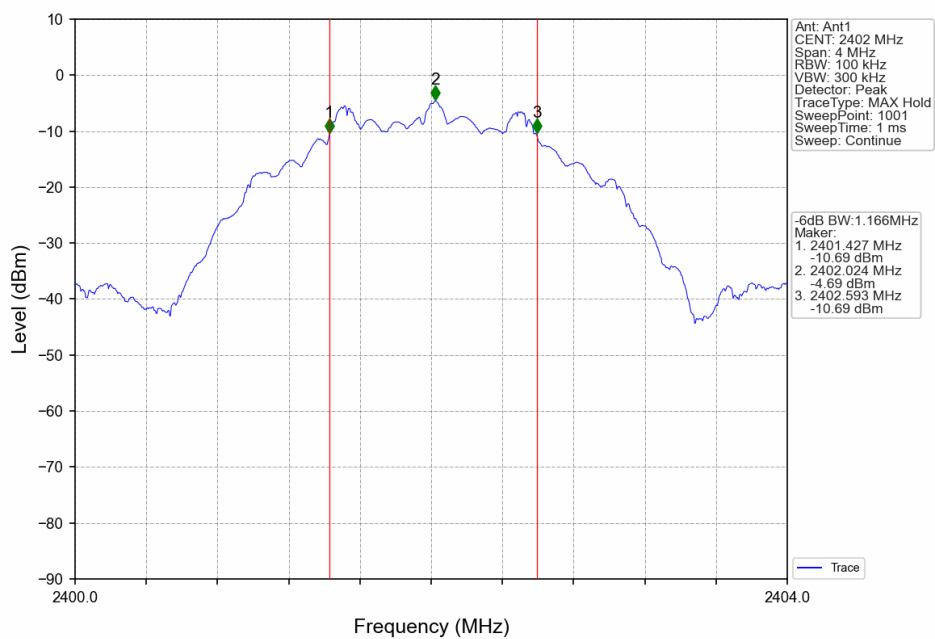
## 1.2.2 6dB BW



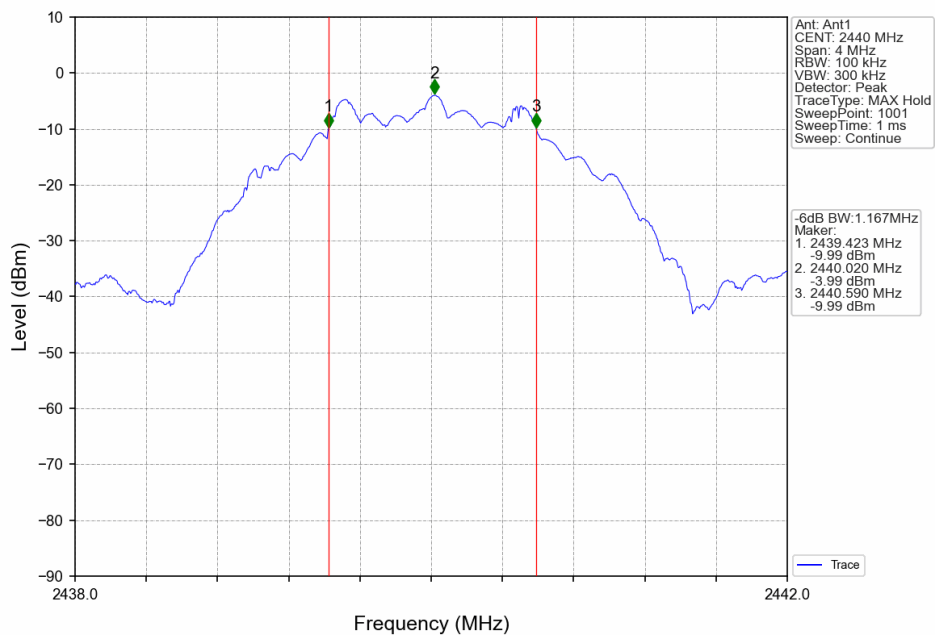
1M HCH 2480MHz Ant1 NTN



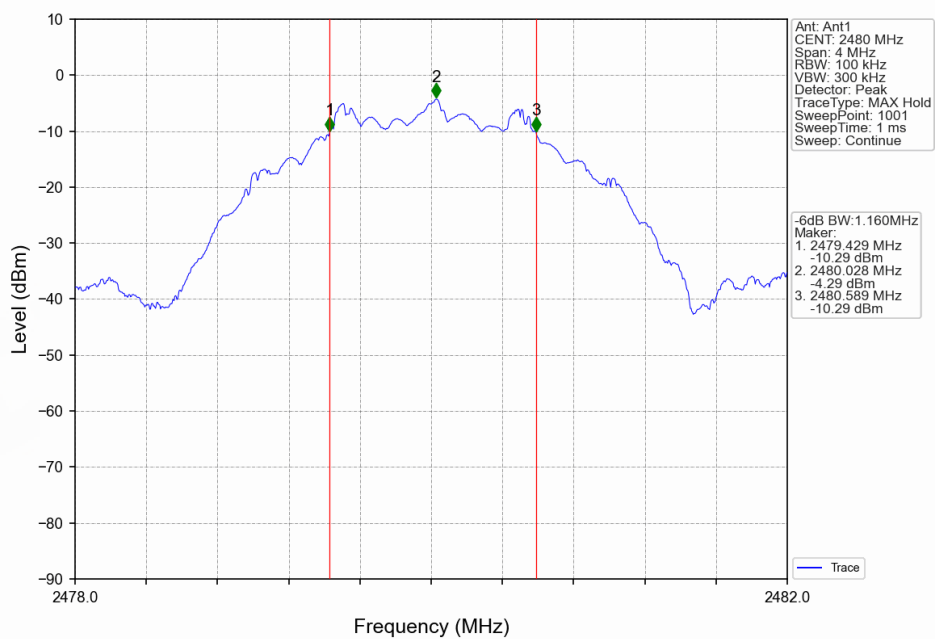
2M LCH 2402MHz Ant1 NTN



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



## 2. Maximum Conducted Output Power

### 2.1 Test Result

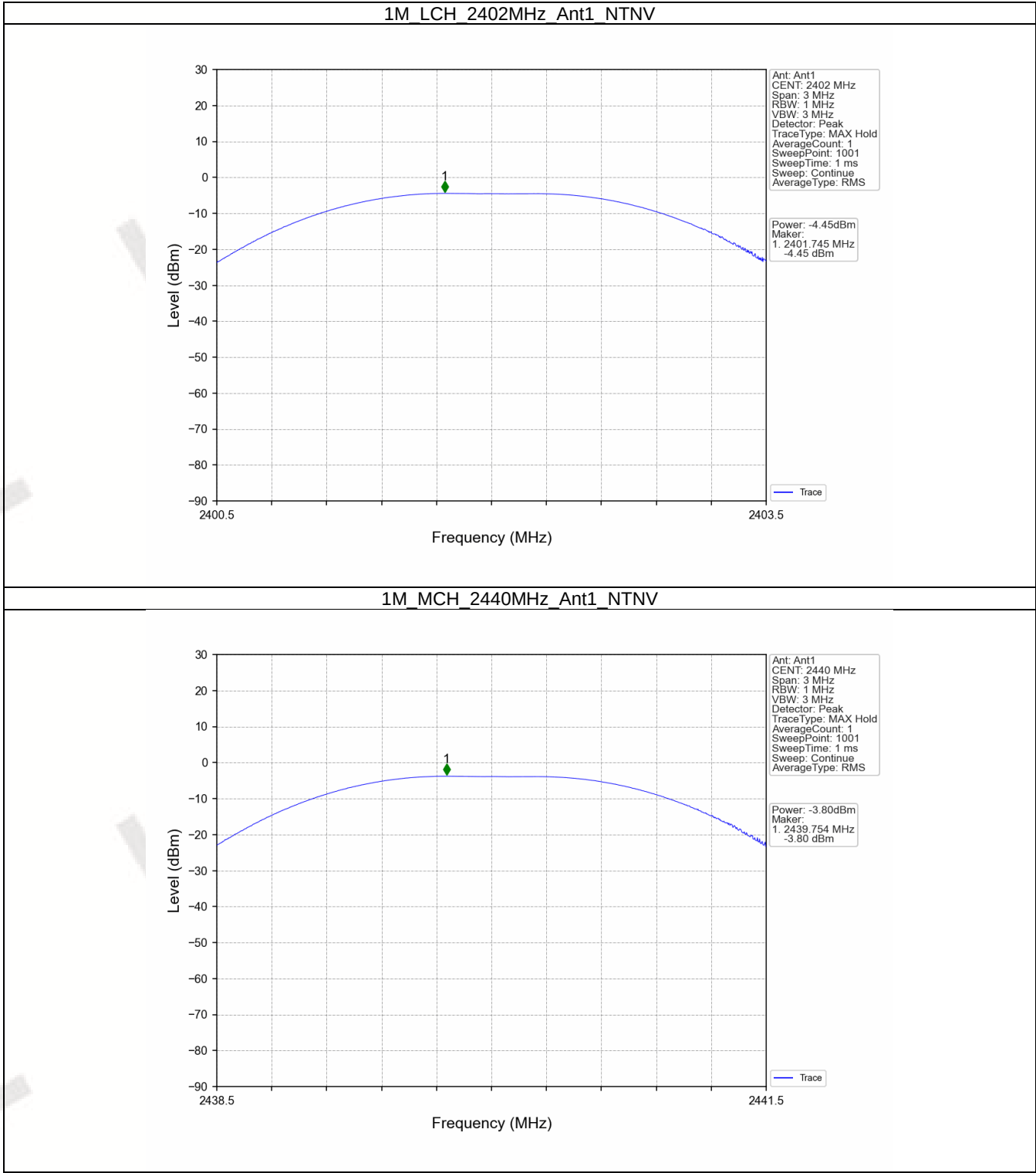
#### 2.1.1 Power

| Mode                                | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|-------------------------------------|---------|-----------------|-------------------------------------------|-------|---------|
|                                     |         |                 | ANT1                                      | Limit |         |
| 1M                                  | SISO    | 2402            | -4.45                                     | <=30  | Pass    |
|                                     |         | 2440            | -3.80                                     | <=30  | Pass    |
|                                     |         | 2480            | -4.03                                     | <=30  | Pass    |
| 2M                                  | SISO    | 2402            | -4.30                                     | <=30  | Pass    |
|                                     |         | 2440            | -3.59                                     | <=30  | Pass    |
|                                     |         | 2480            | -3.81                                     | <=30  | Pass    |
| Note1: Antenna Gain: Ant1: 2.70dBi; |         |                 |                                           |       |         |

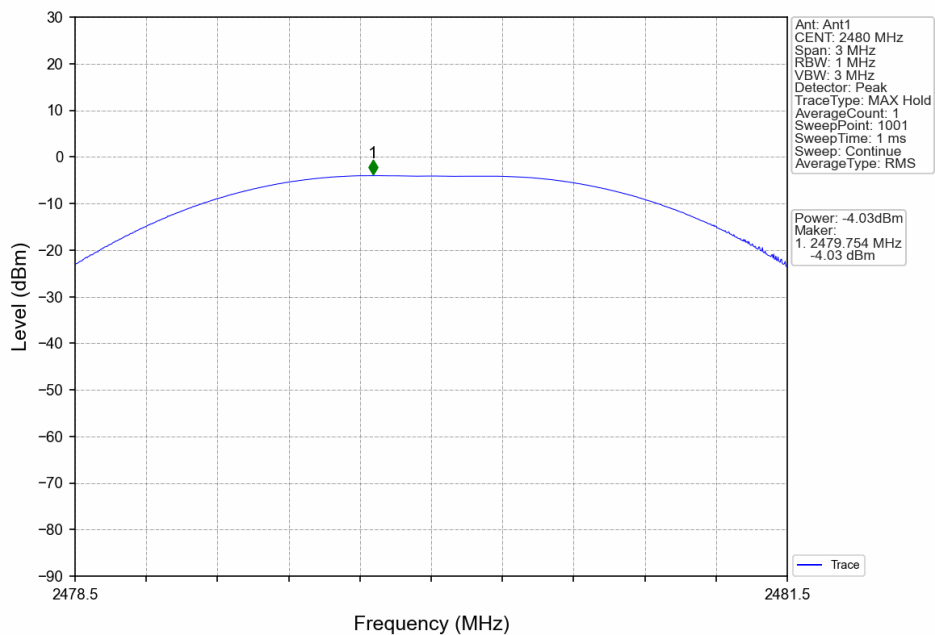


2.2 Test Graph

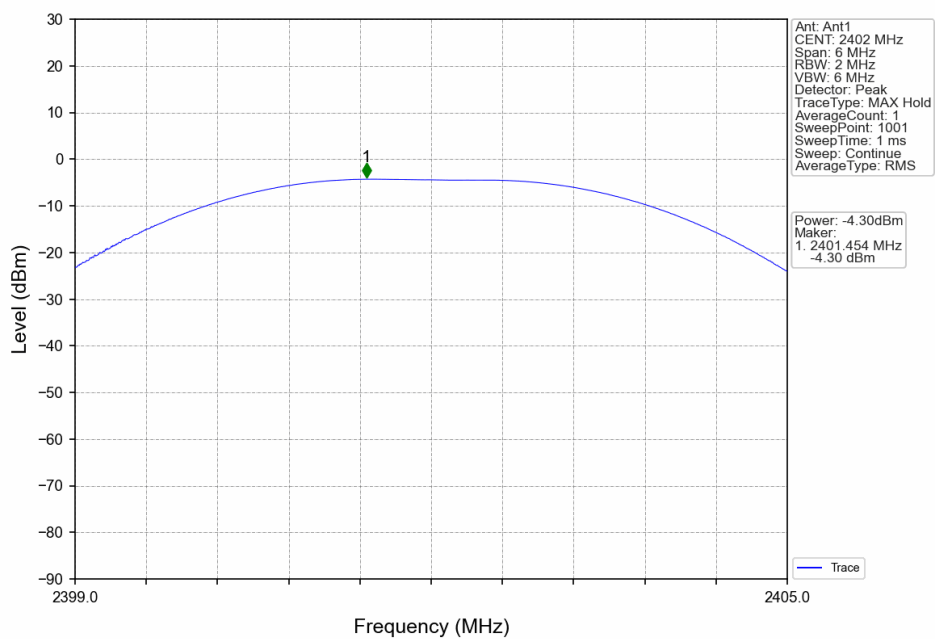
2.2.1 Power



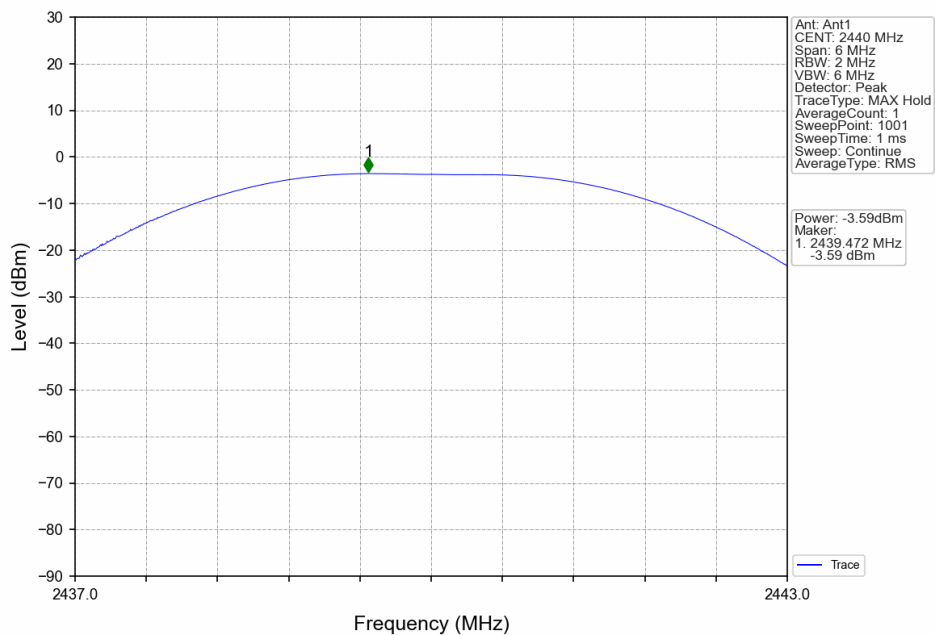
1M HCH 2480MHz Ant1 NTN



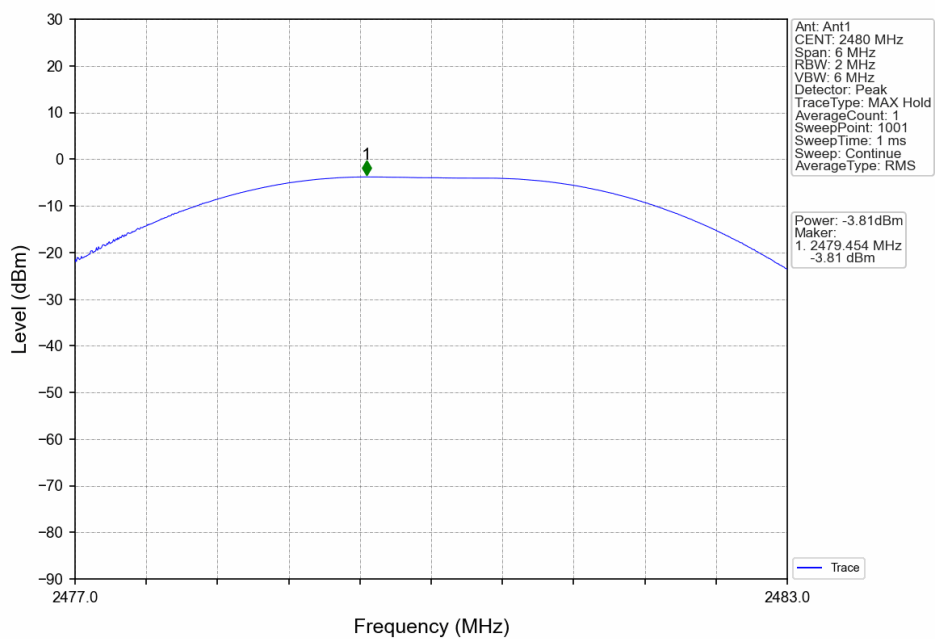
2M LCH 2402MHz Ant1 NTN



2M MCH 2440MHz Ant1 NTN



2M HCH 2480MHz Ant1 NTN



### 3. Maximum Power Spectral Density

#### 3.1 Test Result

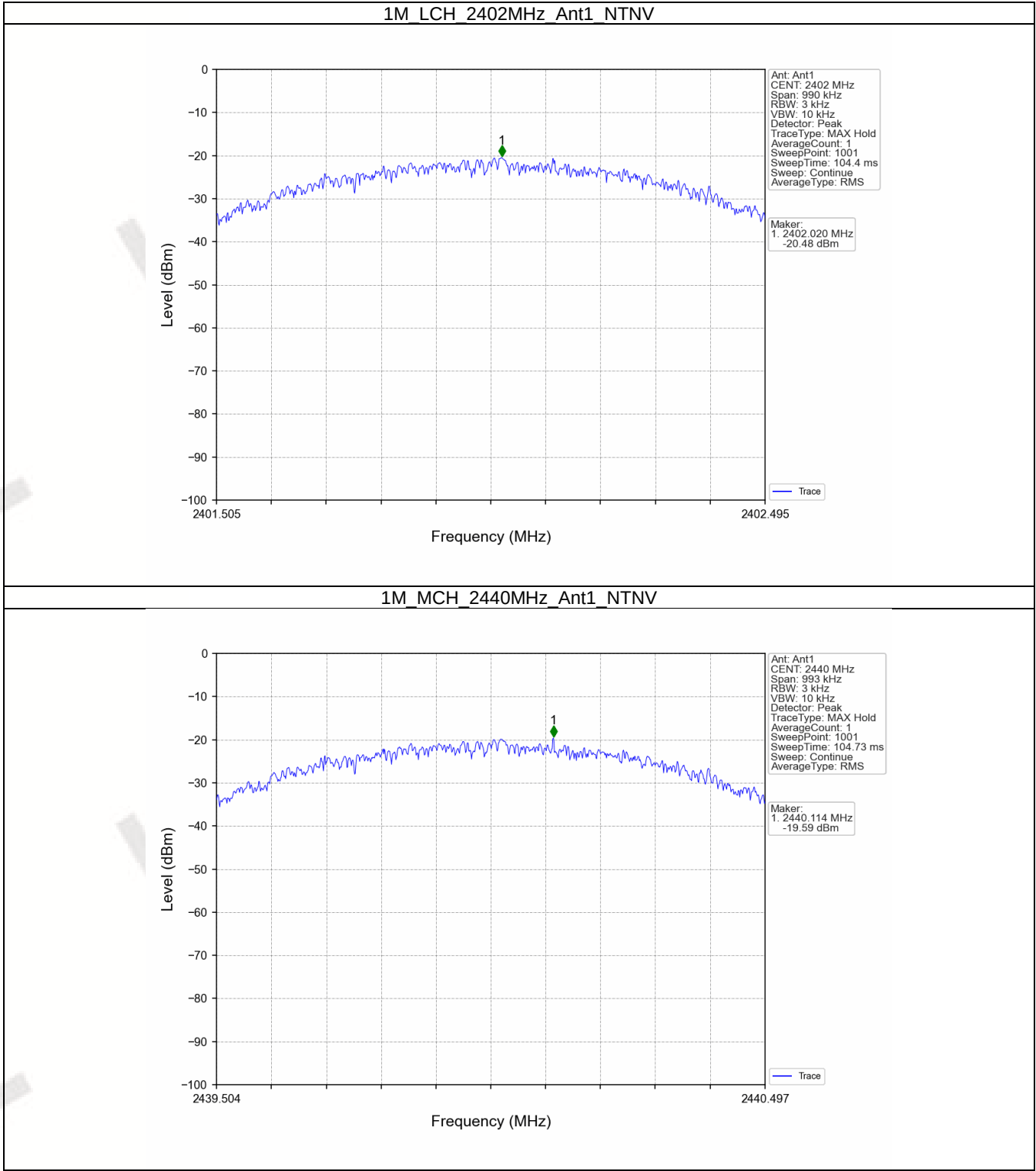
##### 3.1.1 PSD

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
|      |         |                 | ANT1                   | Limit |         |
| 1M   | SISO    | 2402            | -20.48                 | <=8   | Pass    |
|      |         | 2440            | -19.59                 | <=8   | Pass    |
|      |         | 2480            | -19.64                 | <=8   | Pass    |
| 2M   | SISO    | 2402            | -22.69                 | <=8   | Pass    |
|      |         | 2440            | -22.25                 | <=8   | Pass    |
|      |         | 2480            | -22.30                 | <=8   | Pass    |

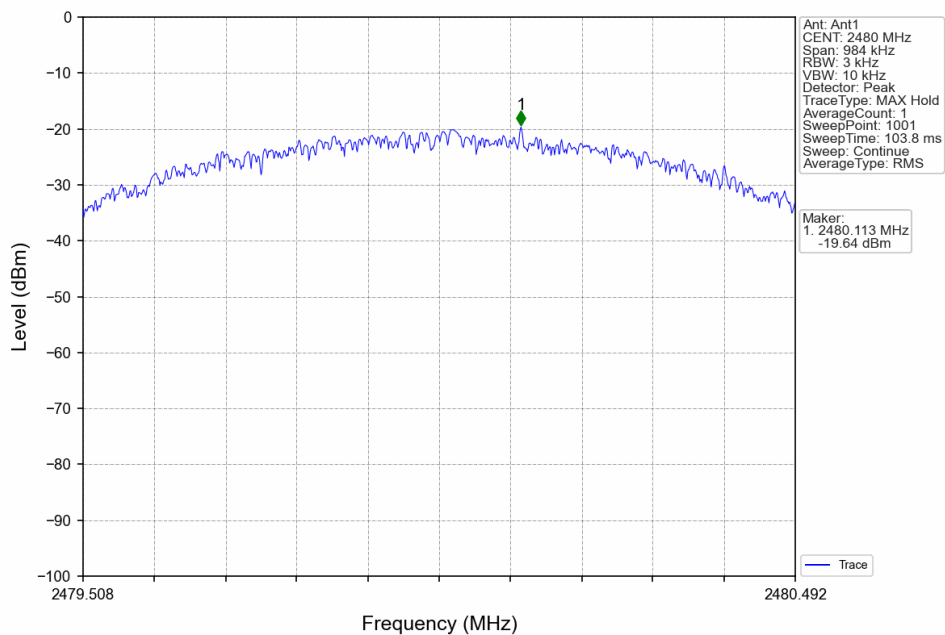
Note1: Antenna Gain: Ant1: 2.70dBi;

3.2 Test Graph

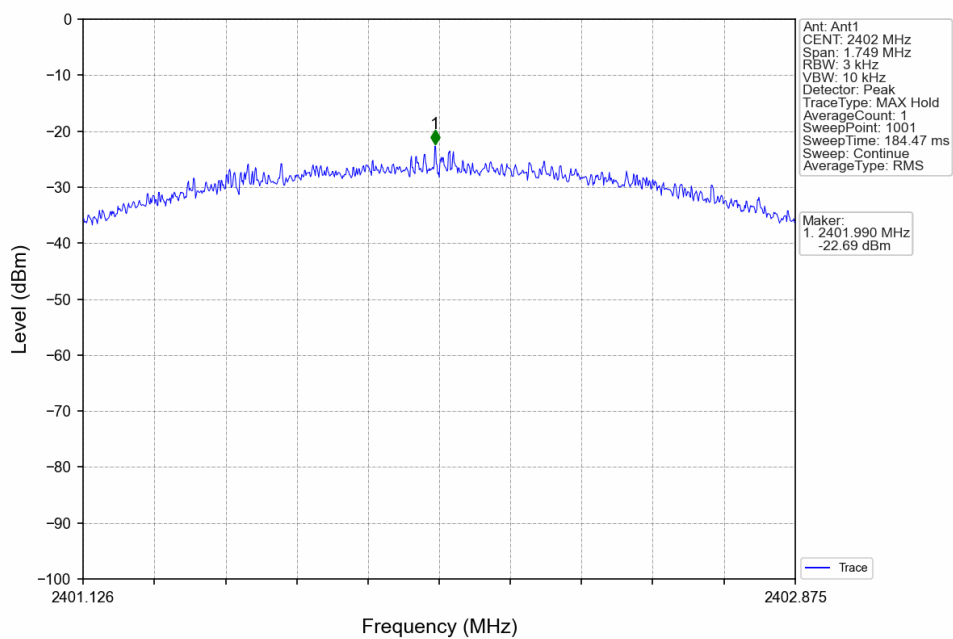
3.2.1 PSD



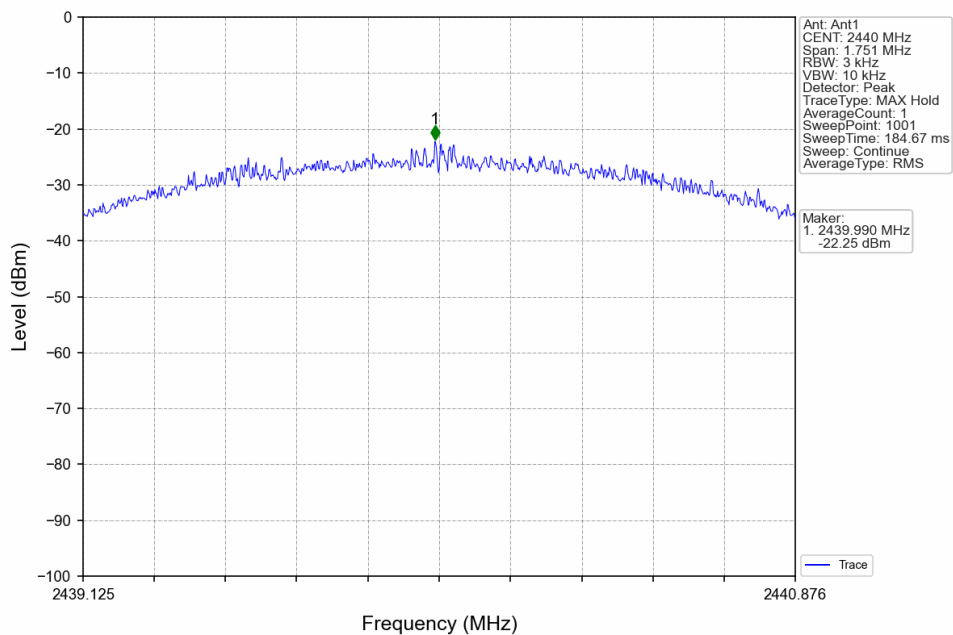
1M\_HCH\_2480MHz\_Ant1\_NTNV



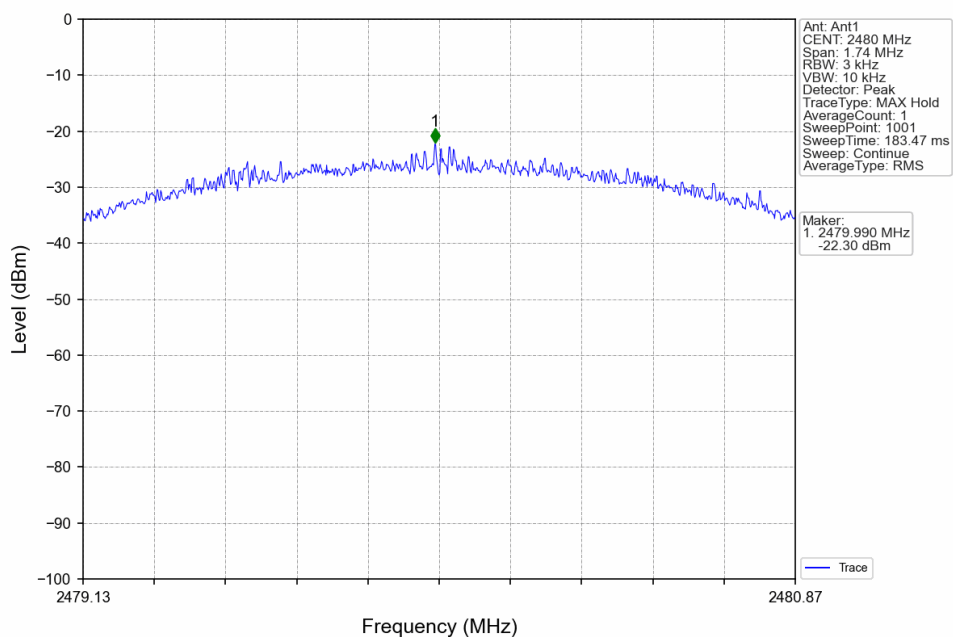
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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

### 4.1 Test Result

#### 4.1.1 Ref

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | -4.63                    |
|      |         | 2440            | 1   | -3.99                    |
|      |         | 2480            | 1   | -4.24                    |
| 2M   | SISO    | 2402            | 1   | -4.77                    |
|      |         | 2440            | 1   | -4.06                    |
|      |         | 2480            | 1   | -4.36                    |

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.

#### 4.1.2 CSE

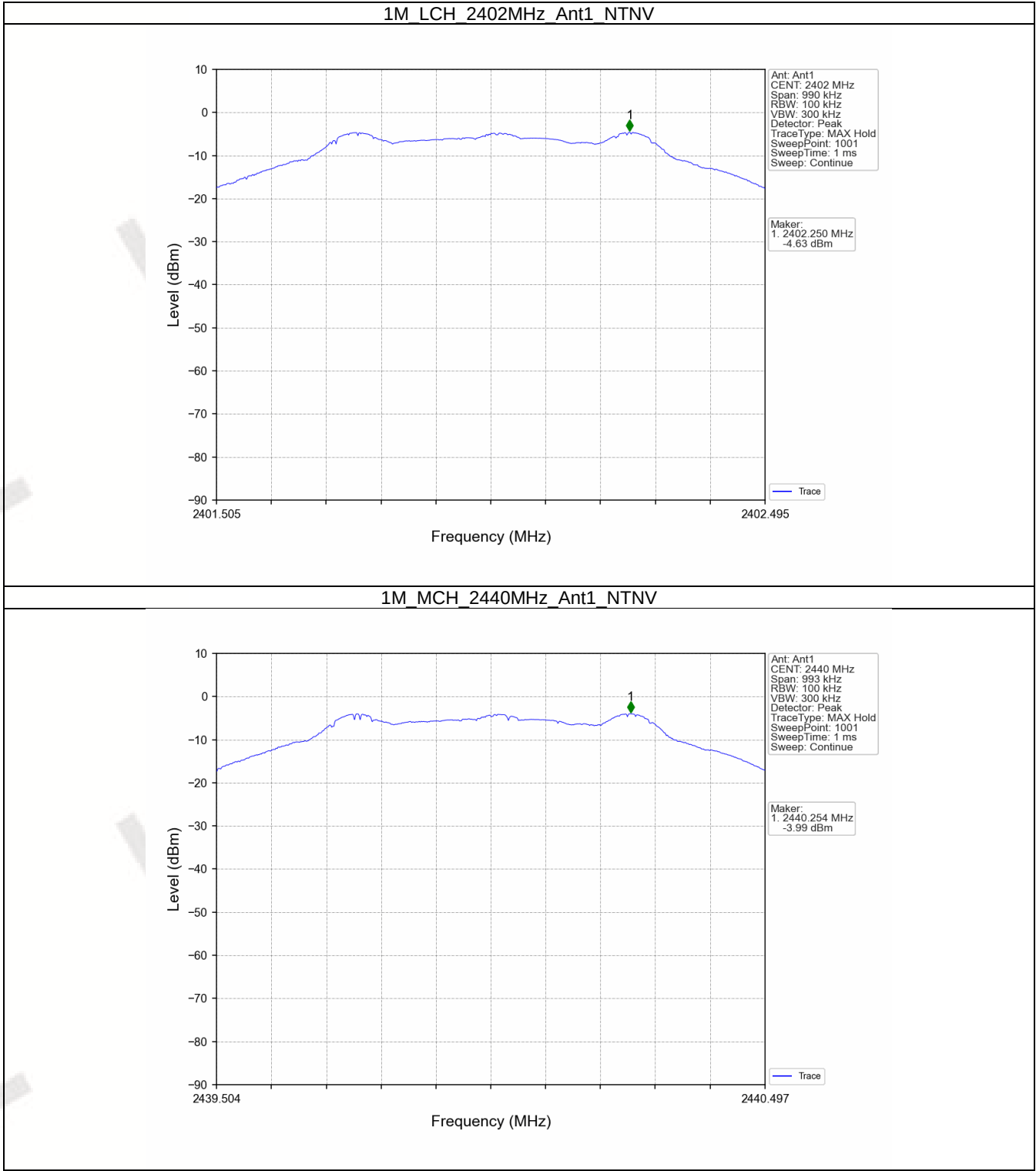
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M   | SISO    | 2402            | 1   | -3.99                    | -23.99      | Pass    |
|      |         | 2440            | 1   | -3.99                    | -23.99      | Pass    |
|      |         | 2480            | 1   | -3.99                    | -23.99      | Pass    |
| 2M   | SISO    | 2402            | 1   | -4.06                    | -24.06      | Pass    |
|      |         | 2440            | 1   | -4.06                    | -24.06      | Pass    |
|      |         | 2480            | 1   | -4.06                    | -24.06      | 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.

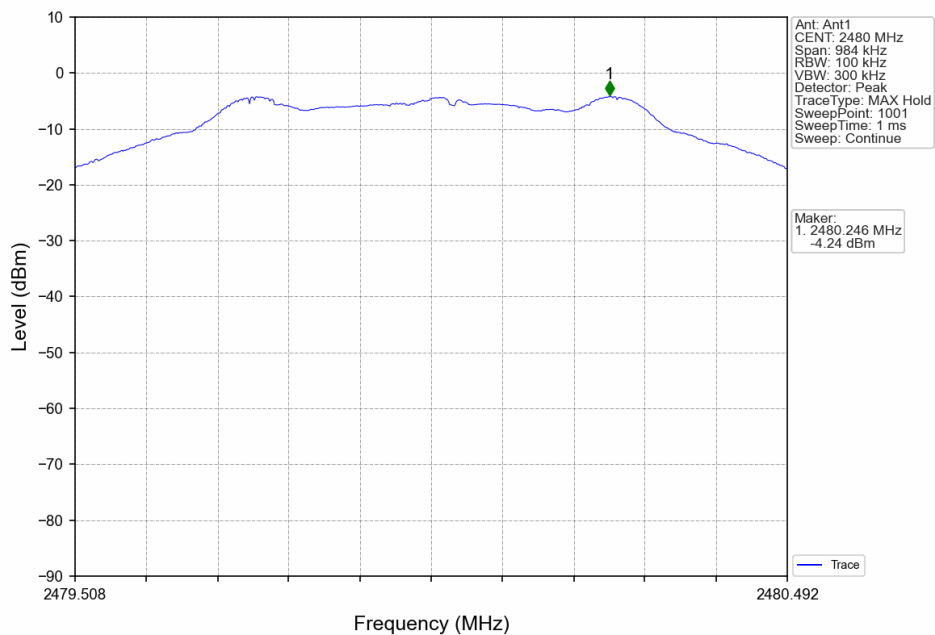


4.2 Test Graph

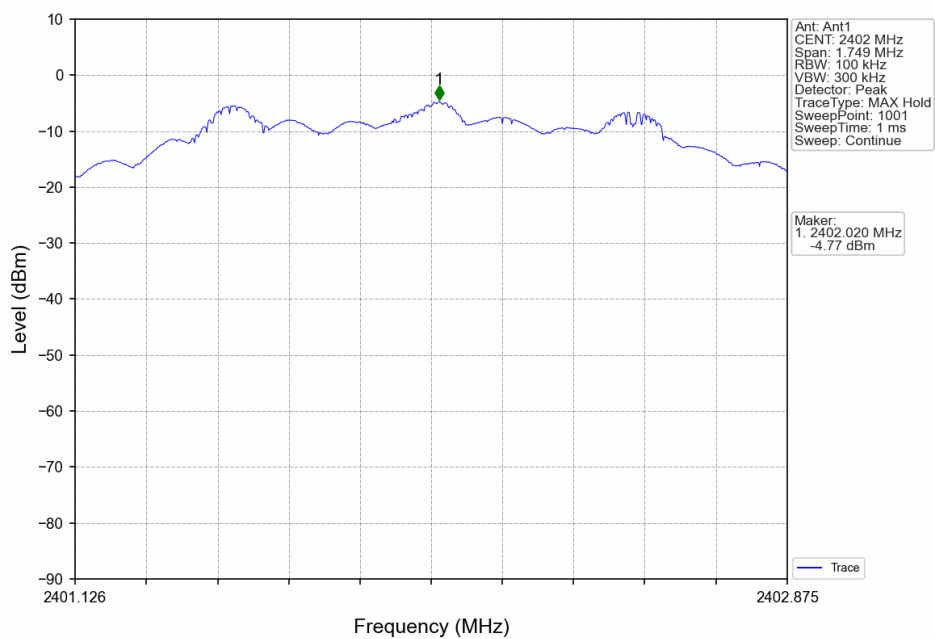
4.2.1 Ref



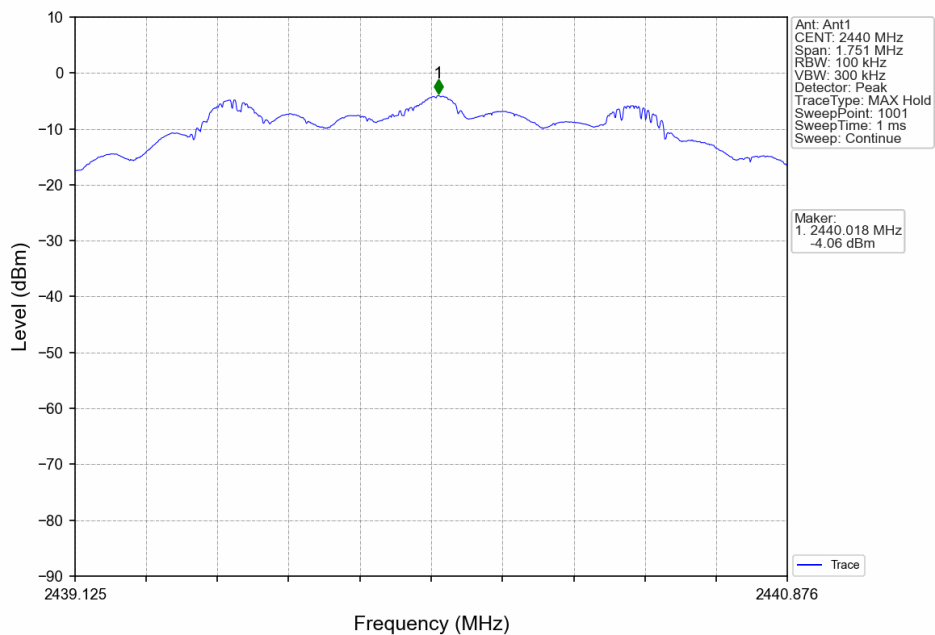
1M\_HCH\_2480MHz\_Ant1\_NTNV



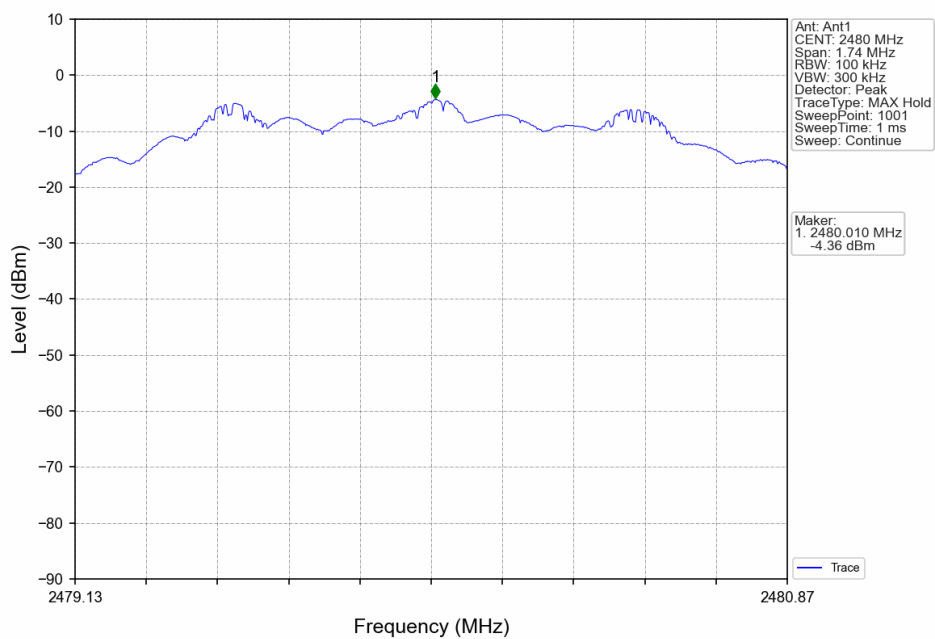
2M\_LCH\_2402MHz\_Ant1\_NTNV



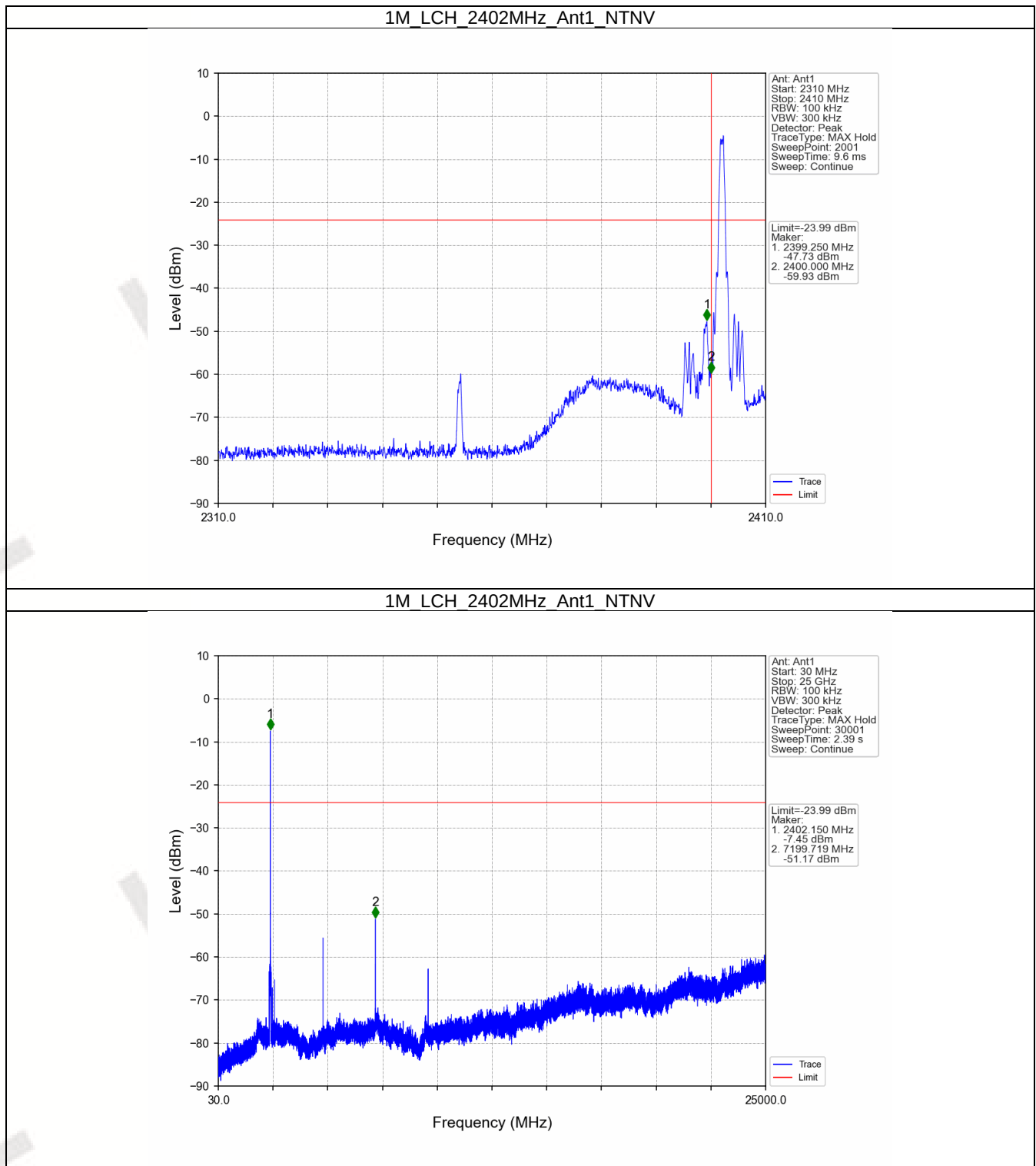
2M\_MCH\_2440MHz\_Ant1\_NTNV



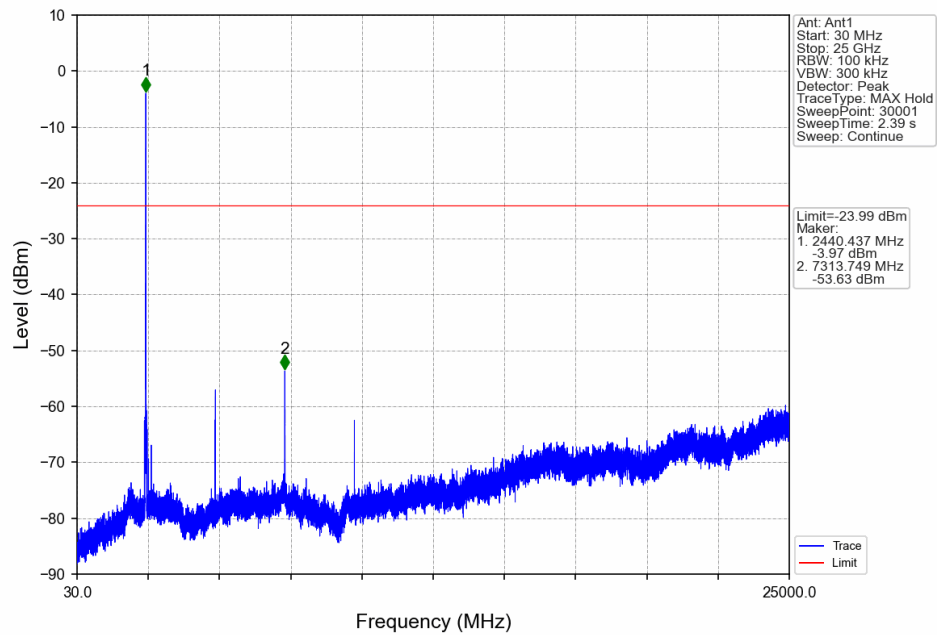
2M\_HCH\_2480MHz\_Ant1\_NTNV



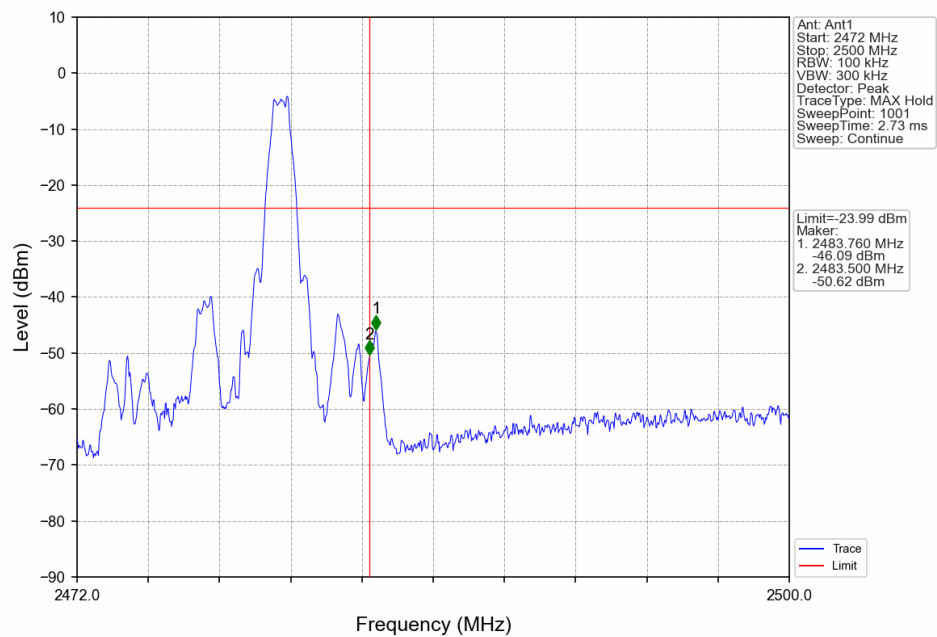
## 4.2.2 CSE



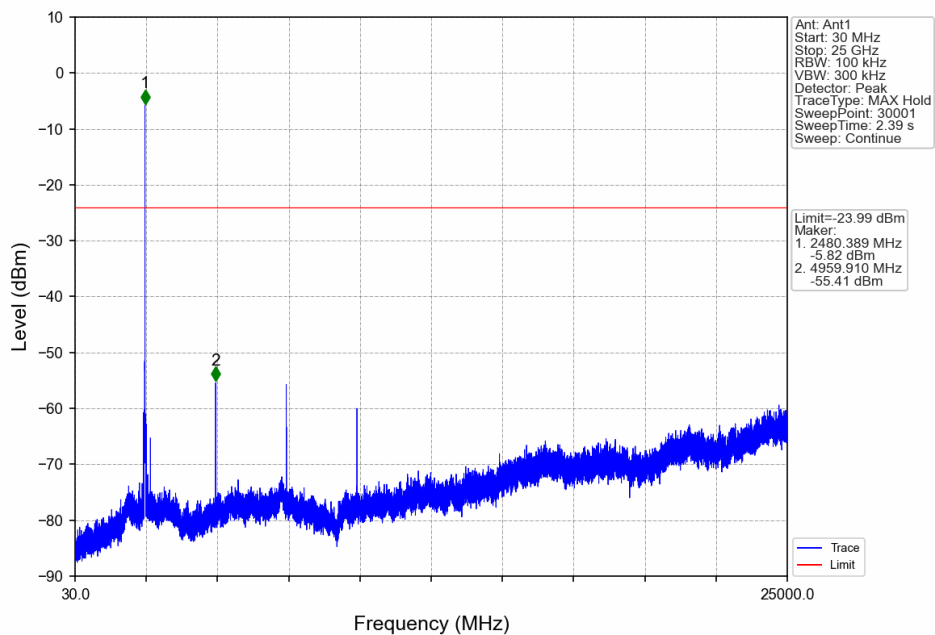
1M\_MCH\_2440MHz\_Ant1\_NTNV



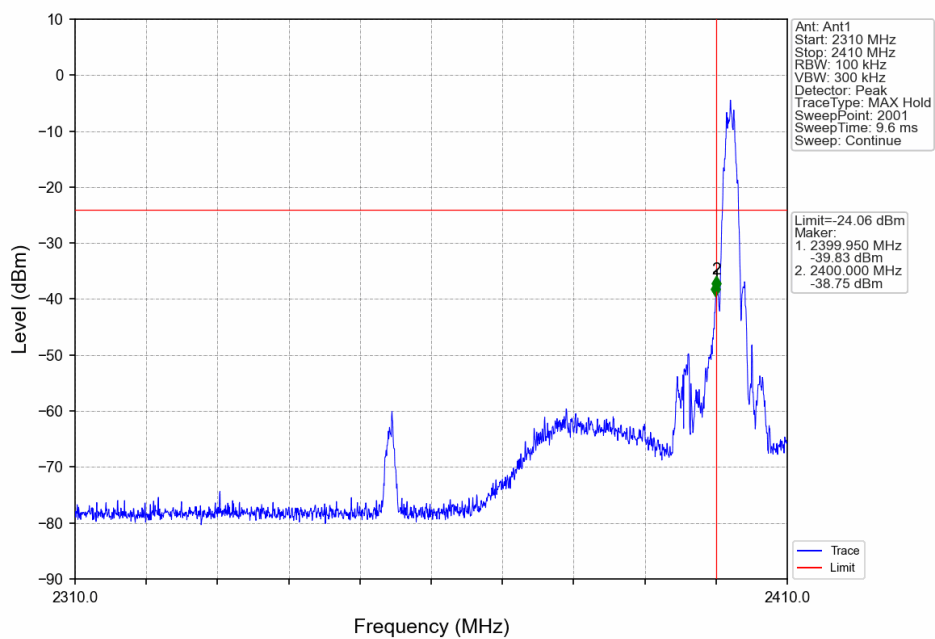
1M\_HCH\_2480MHz\_Ant1\_NTNV



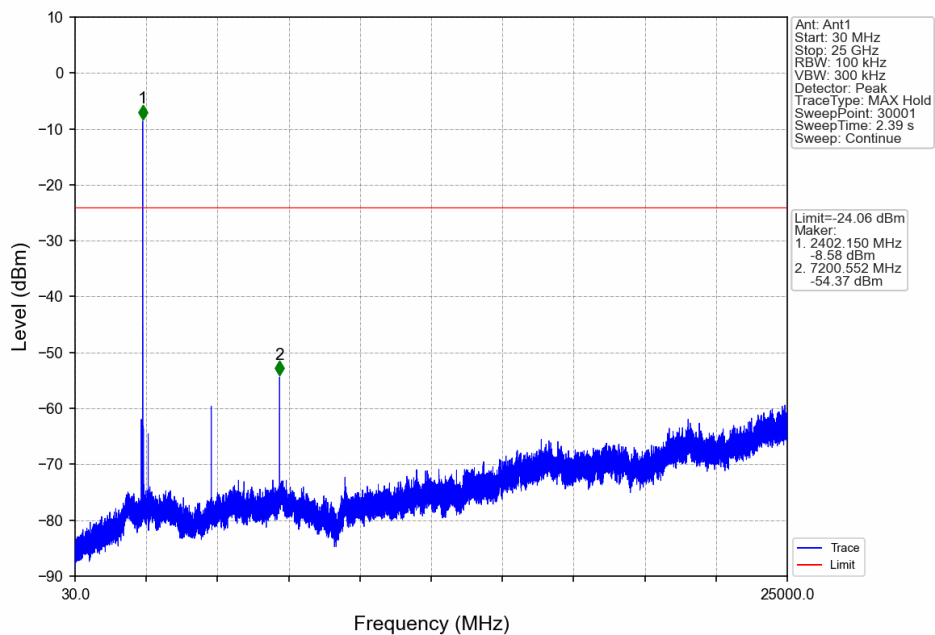
## 1M HCH 2480MHz Ant1 NTNV



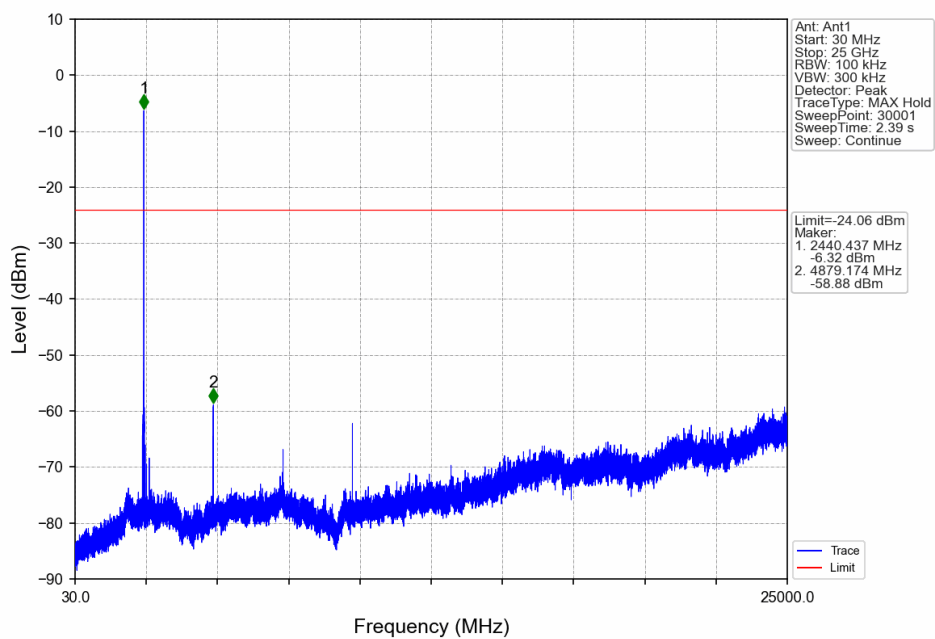
## 2M LCH 2402MHz Ant1 NTNV



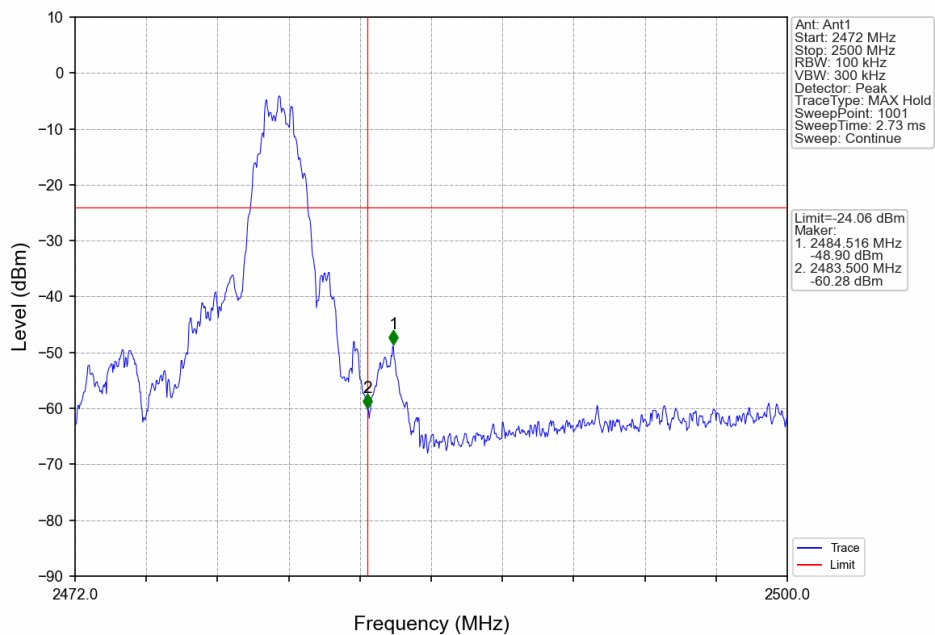
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

