

## 1. Duty Cycle

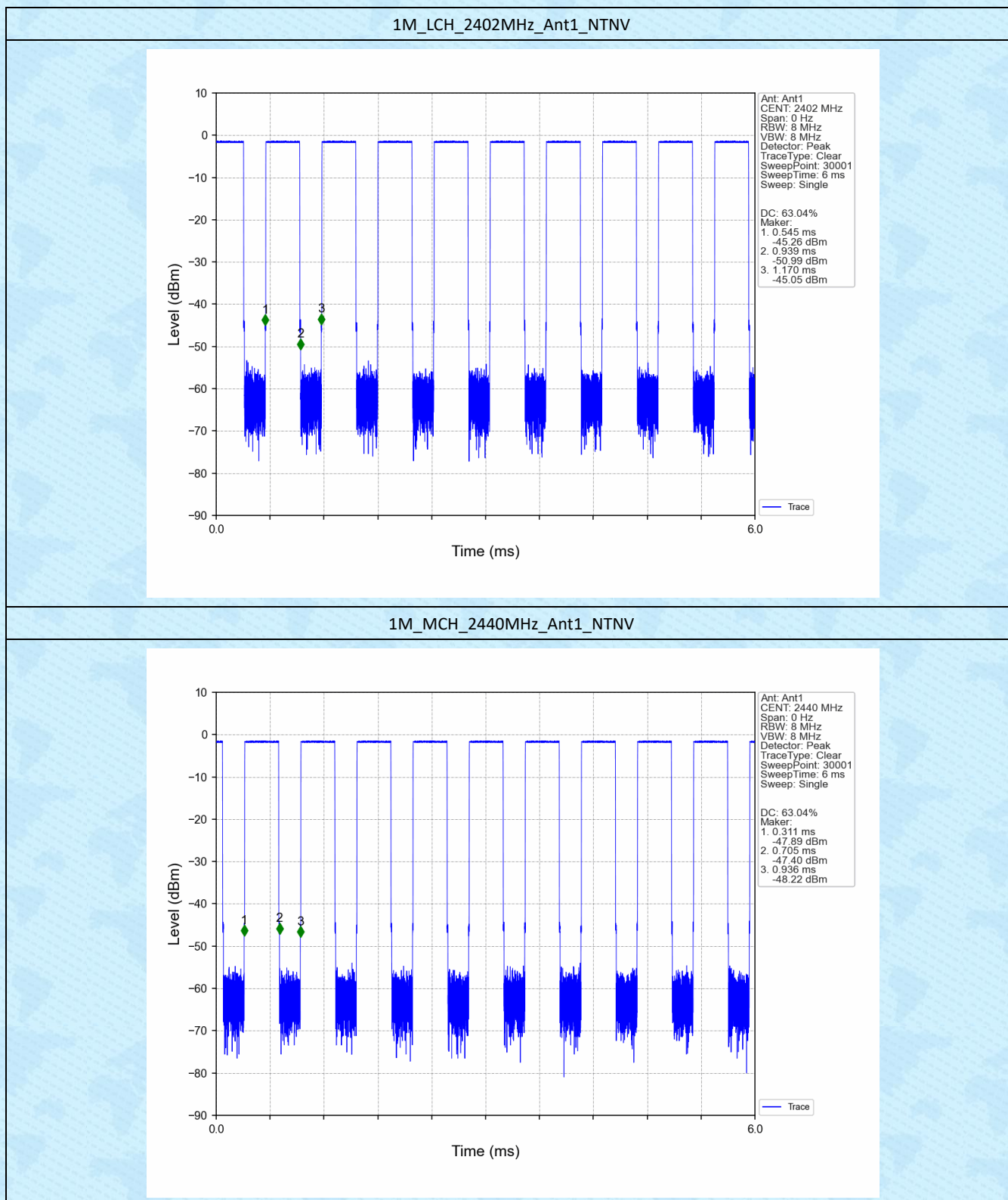
### 1.1 Test Result

#### 1.1.1 Ant1

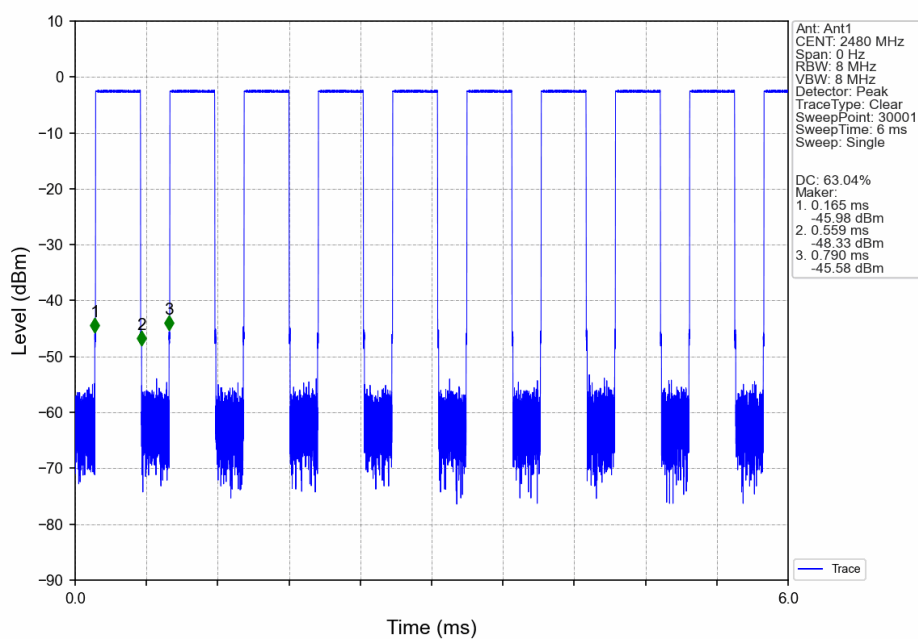
| Ant1 |         |                 |           |             |                |                                   |                       |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M   | SISO    | 2402            | 0.394     | 0.625       | 63.04          | 2.00                              | 0.00                  |
|      |         | 2440            | 0.394     | 0.625       | 63.04          | 2.00                              | 0.00                  |
|      |         | 2480            | 0.394     | 0.625       | 63.04          | 2.00                              | 0.00                  |

## 1.2 Test Graph

### 1.2.1 Ant1



1M\_HCH\_2480MHz\_Ant1\_NTNV



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 1.021                        | /     | Pass    |
|      |         | 2440            | 1   | 1.021                        | /     | Pass    |
|      |         | 2480            | 1   | 1.021                        | /     | Pass    |

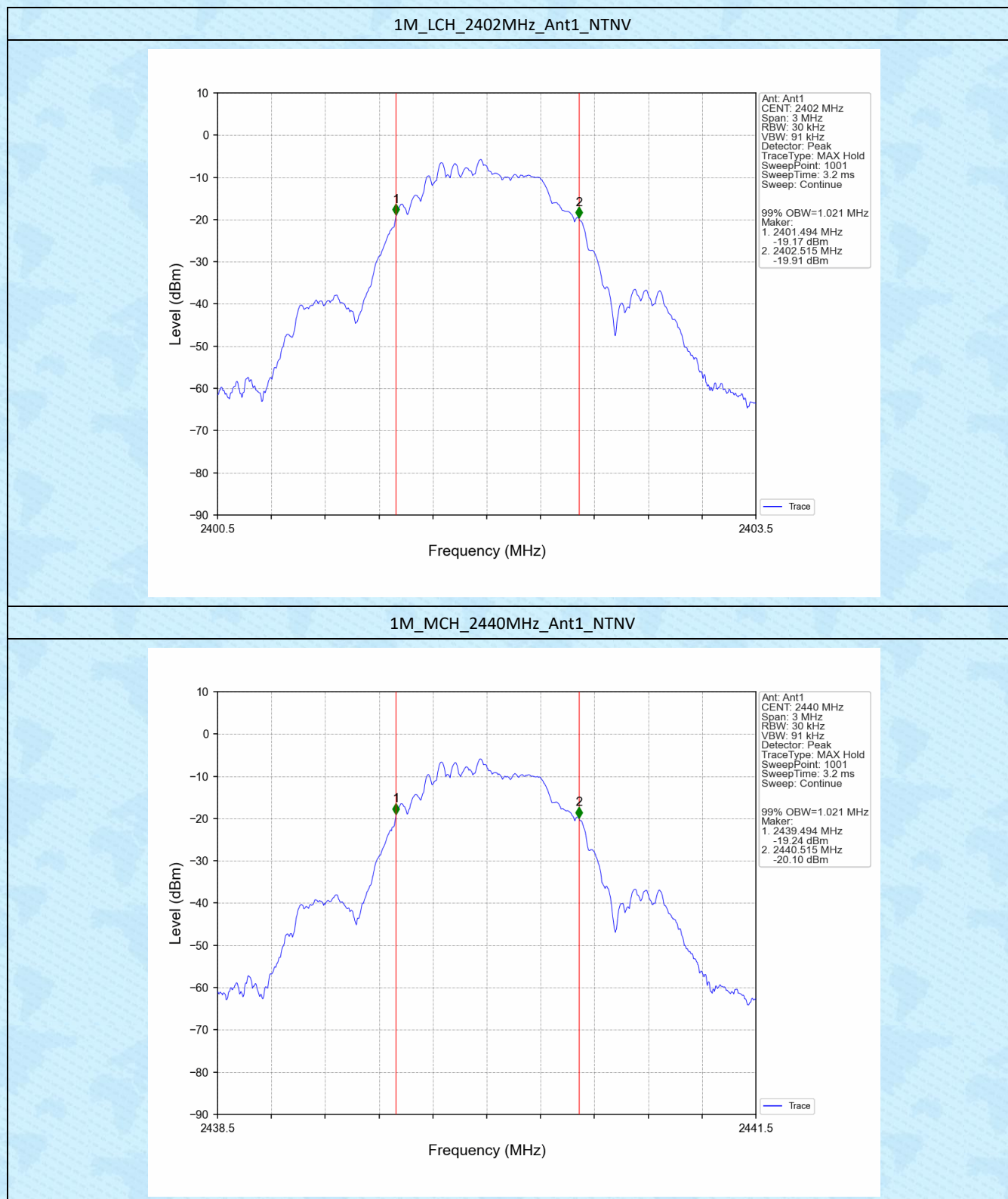
#### 2.1.2 6dB BW

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.695               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.692               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.695               | $\geq 0.5$ | Pass    |

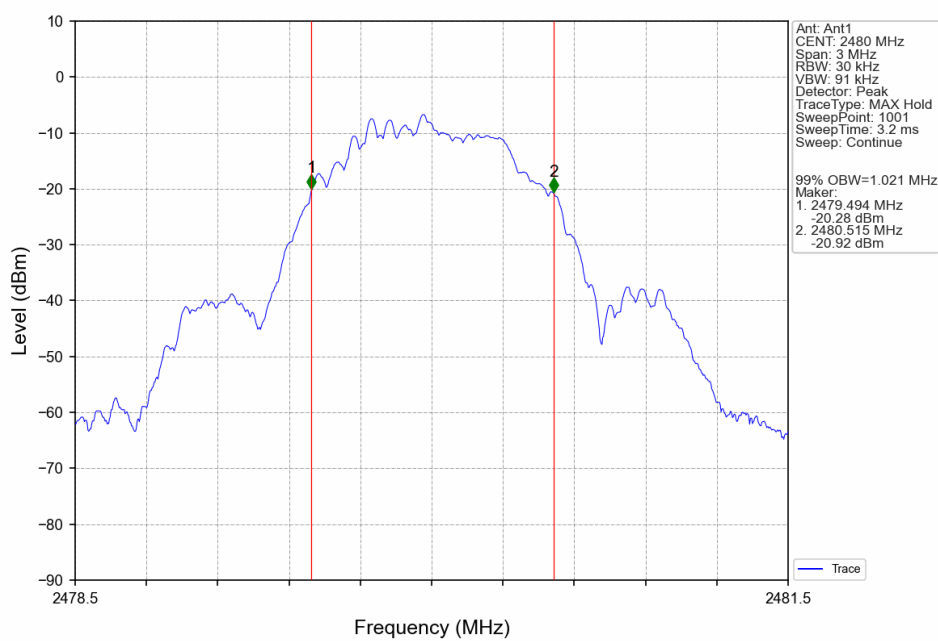


## 2.2 Test Graph

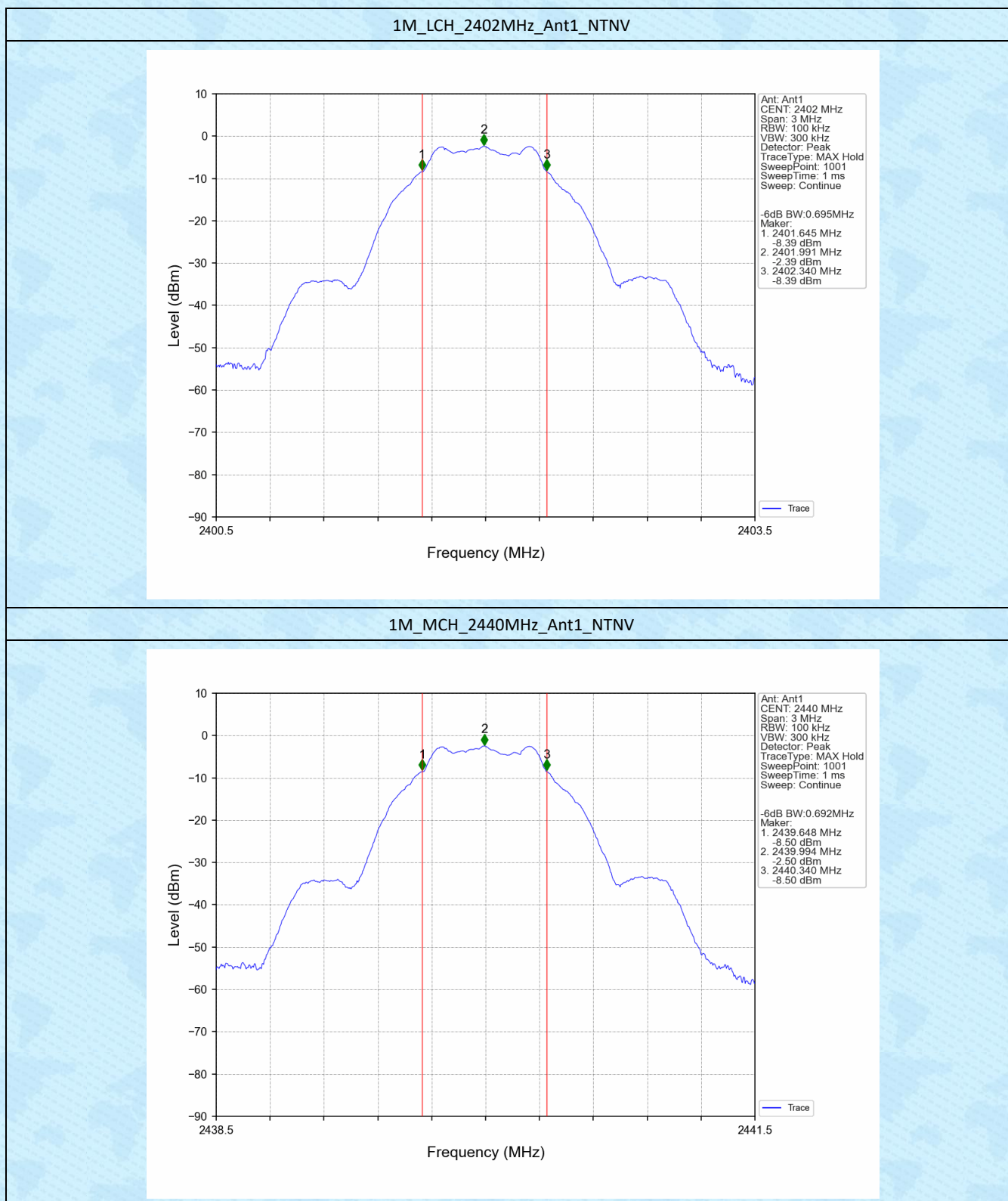
### 2.2.1 OBW



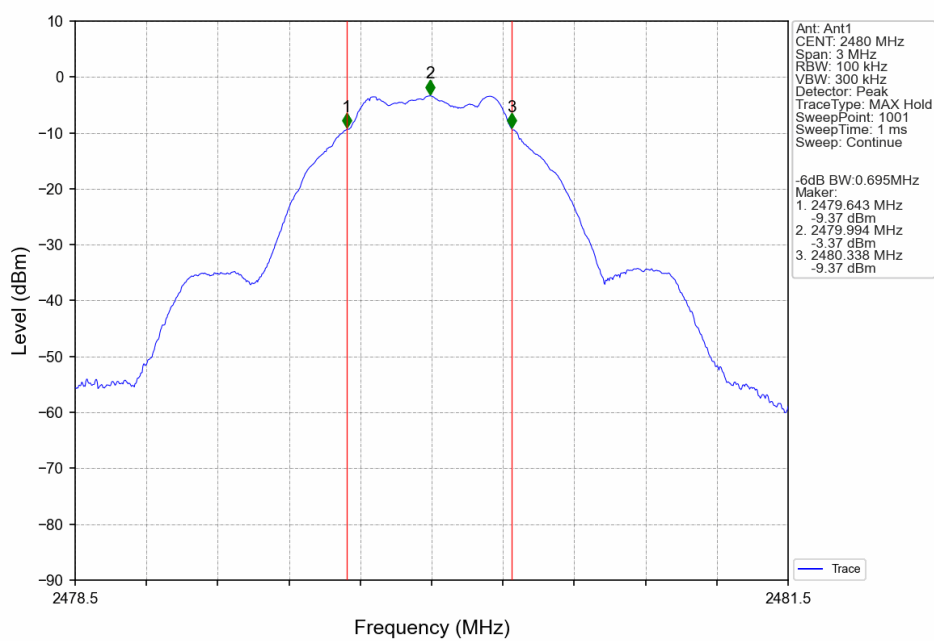
1M\_HCH\_2480MHz\_Ant1\_NTNV



## 2.2.2 6dB BW



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### 3. Maximum Conducted Output Power

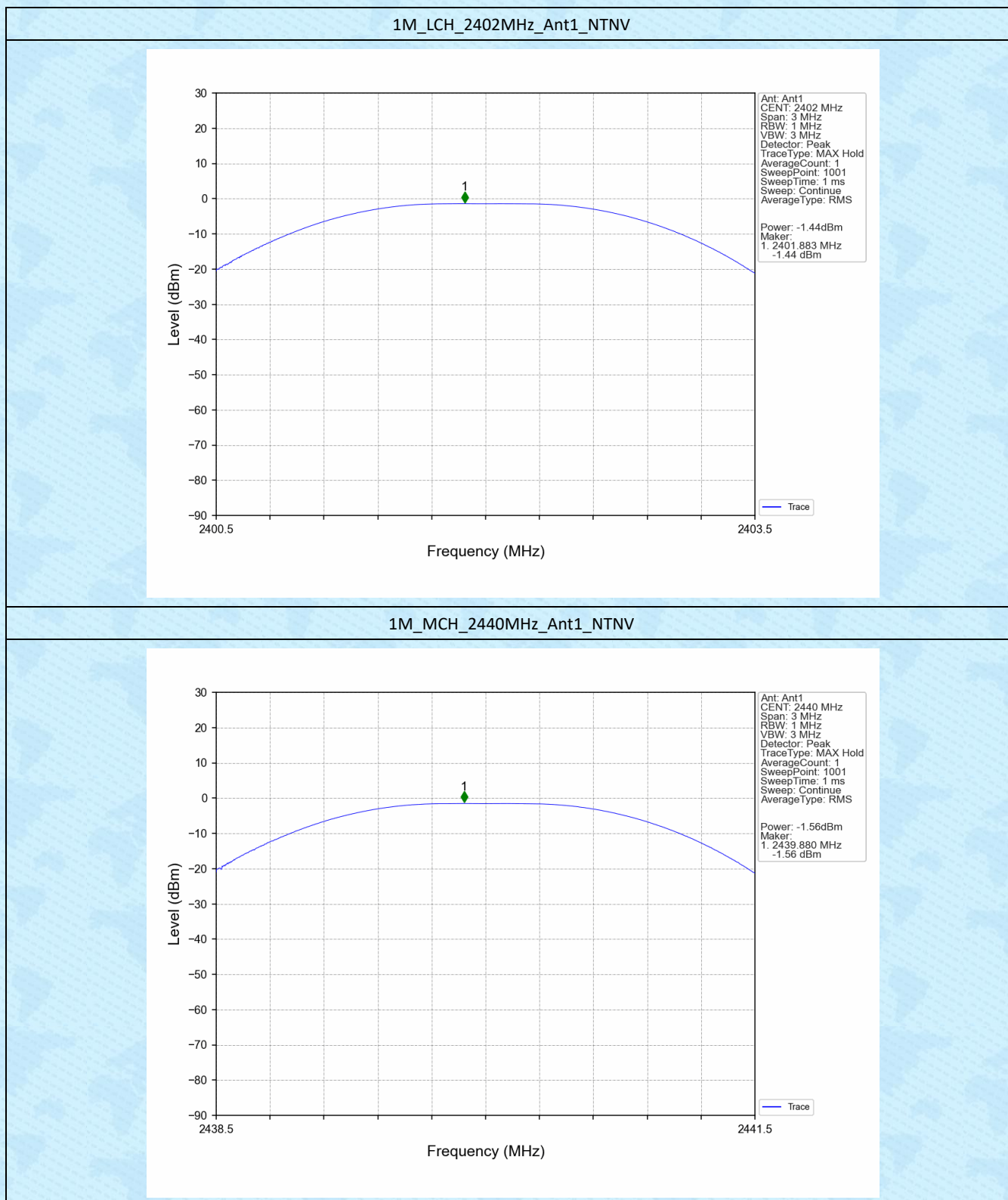
#### 3.1 Test Result

##### 3.1.1 Power

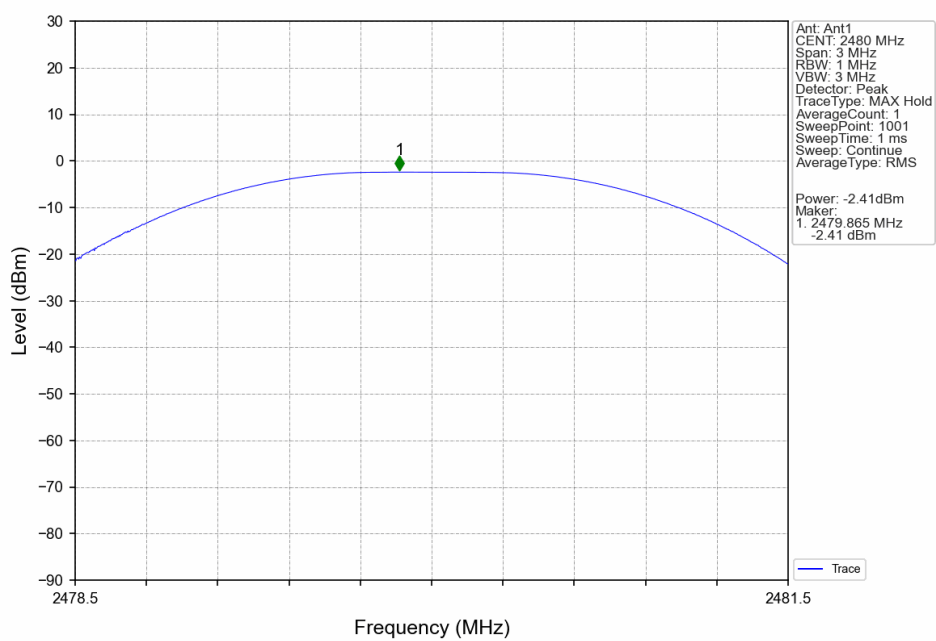
| Mode                                 | TX<br>Type | Frequency<br>(MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|--------------------------------------|------------|--------------------|-------------------------------------------|-------|---------|
|                                      |            |                    | ANT1                                      | Limit |         |
| 1M                                   | SISO       | 2402               | -1.44                                     | <=30  | Pass    |
|                                      |            | 2440               | -1.56                                     | <=30  | Pass    |
|                                      |            | 2480               | -2.41                                     | <=30  | Pass    |
| Note1: Antenna Gain: Ant1: -3.04dBi; |            |                    |                                           |       |         |

## 3.2 Test Graph

### 3.2.1 Power



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## 4. Maximum Power Spectral Density

### 4.1 Test Result

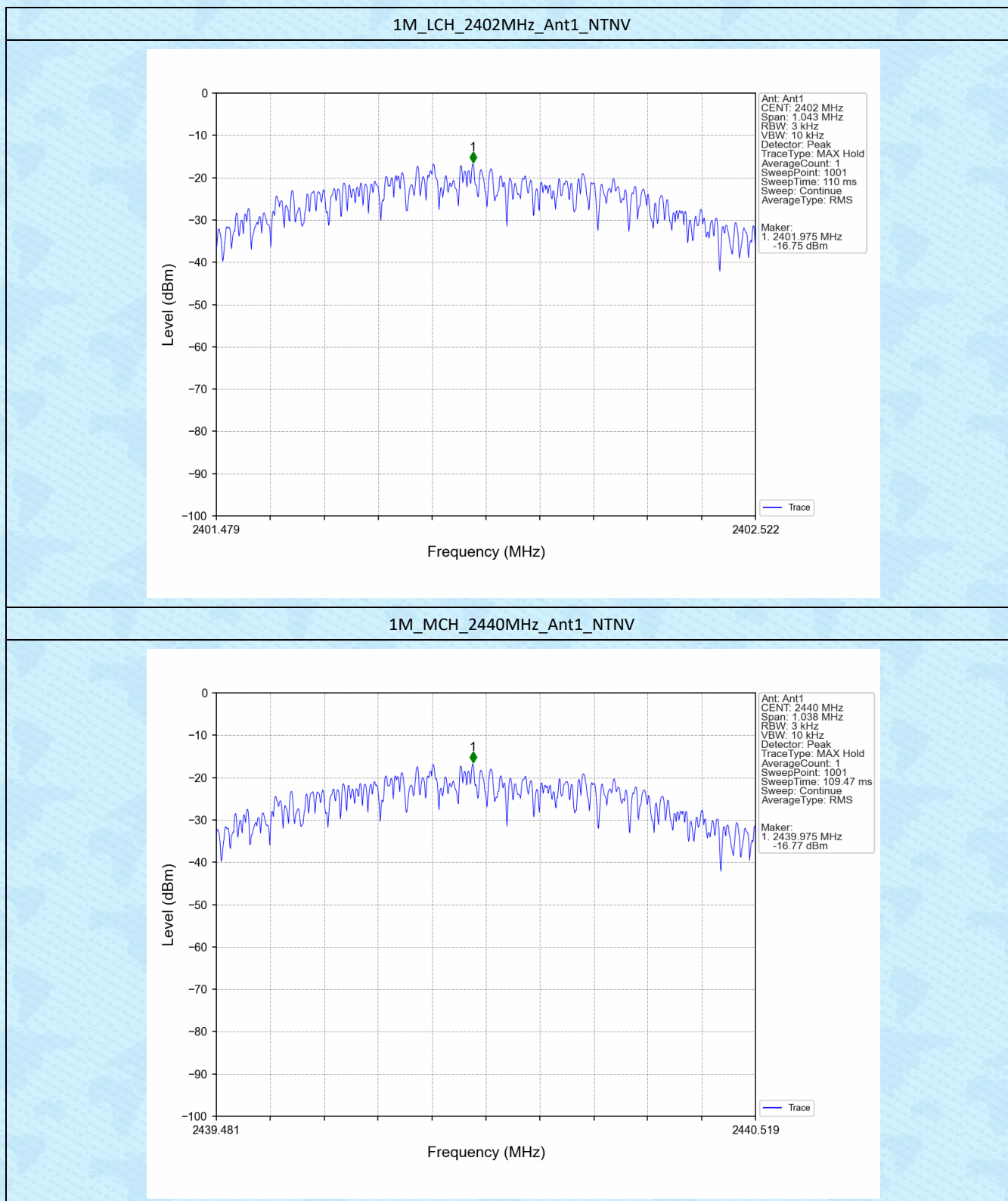
#### 4.1.1 PSD

| Mode                                 | TX<br>Type | Frequency<br>(MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|--------------------------------------|------------|--------------------|------------------------|-------|---------|
|                                      |            |                    | ANT1                   | Limit |         |
| 1M                                   | SISO       | 2402               | -16.75                 | <=8   | Pass    |
|                                      |            | 2440               | -16.77                 | <=8   | Pass    |
|                                      |            | 2480               | -17.69                 | <=8   | Pass    |
| Note1: Antenna Gain: Ant1: -3.04dBi; |            |                    |                        |       |         |

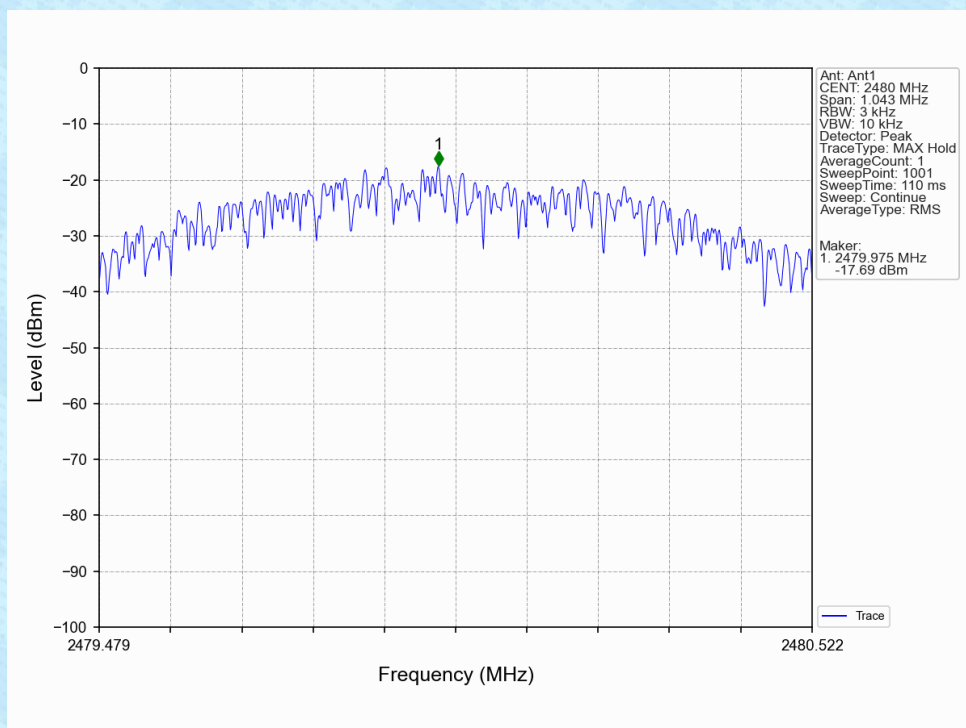


## 4.2 Test Graph

### 4.2.1 PSD



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

### 5.1 Test Result

#### 5.1.1 Ref

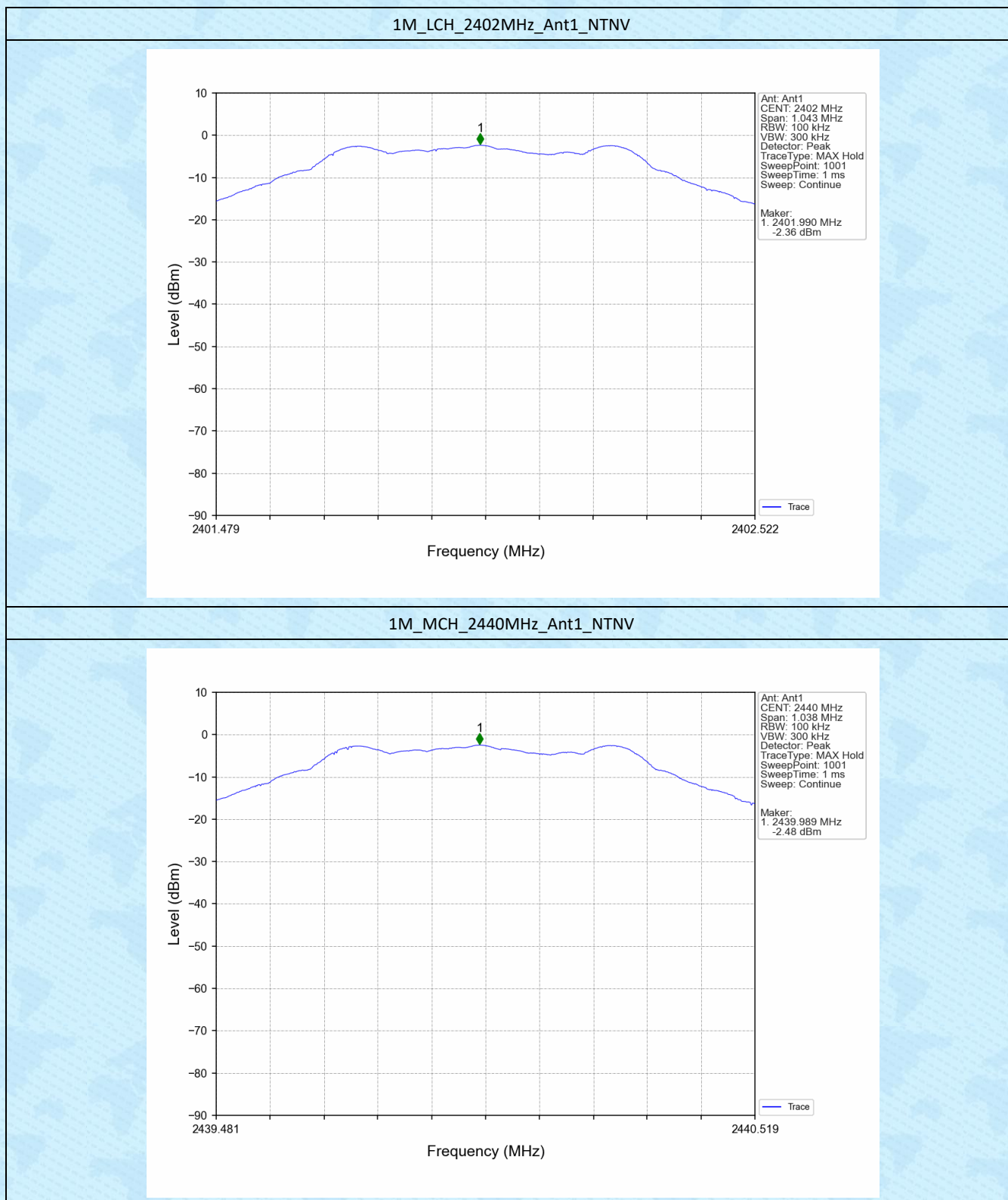
| Mode                                                                                                                                            | TX<br>Type | Frequency<br>(MHz) | ANT | Level of Reference<br>(dBm) |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------|-----|-----------------------------|
| 1M                                                                                                                                              | SISO       | 2402               | 1   | -2.36                       |
|                                                                                                                                                 |            | 2440               | 1   | -2.48                       |
|                                                                                                                                                 |            | 2480               | 1   | -3.34                       |
| 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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M                                                                                                                                              | SISO    | 2402            | 1   | -2.36                    | -22.36      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | -2.36                    | -22.36      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | -2.36                    | -22.36      | 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. |         |                 |     |                          |             |         |

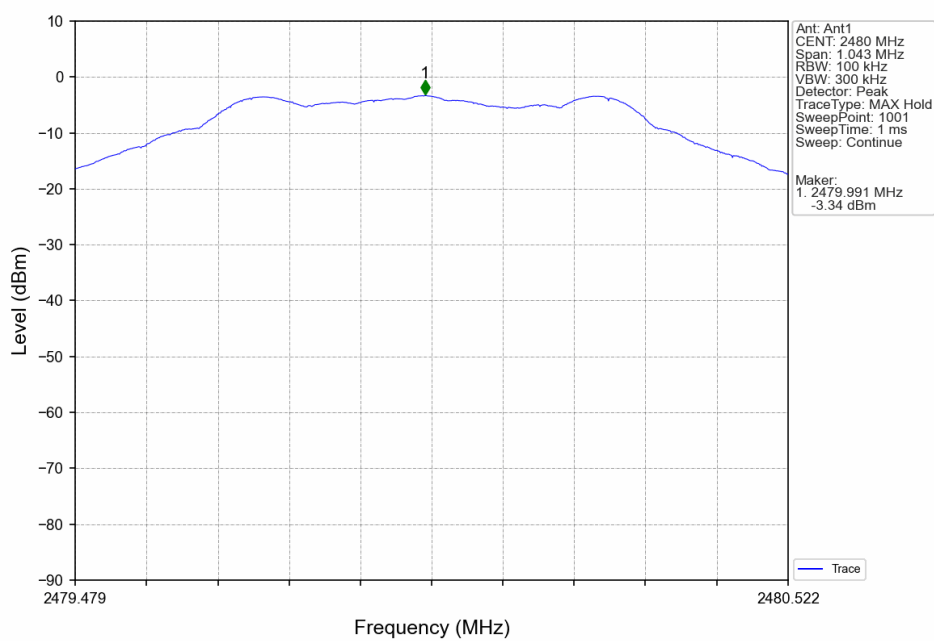
## 5.2 Test Graph

### 5.2.1 Ref



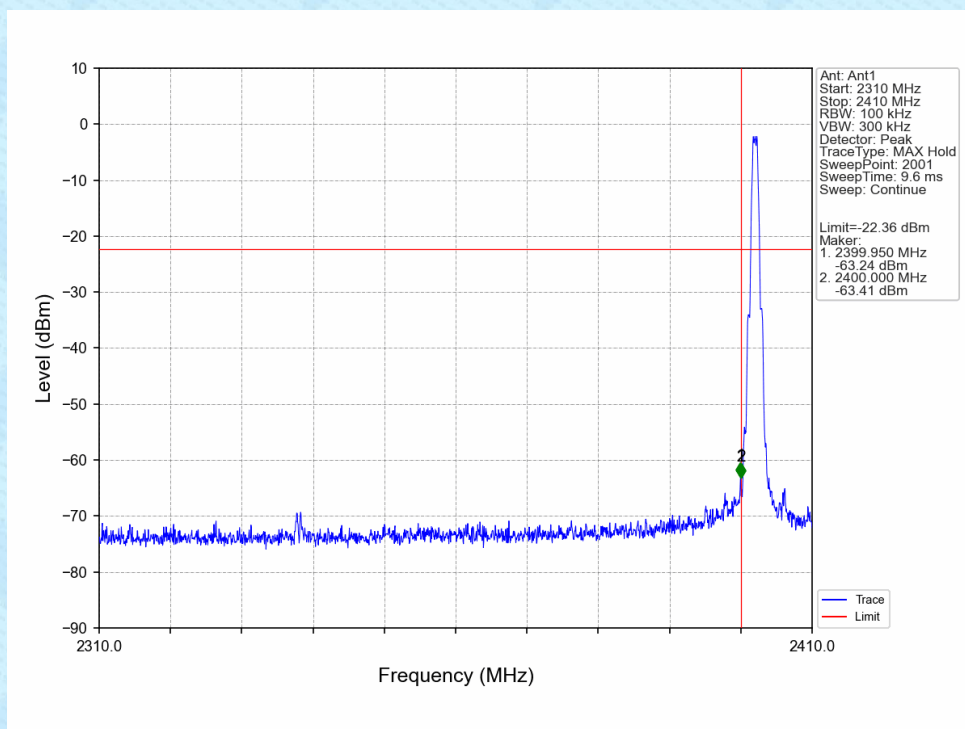


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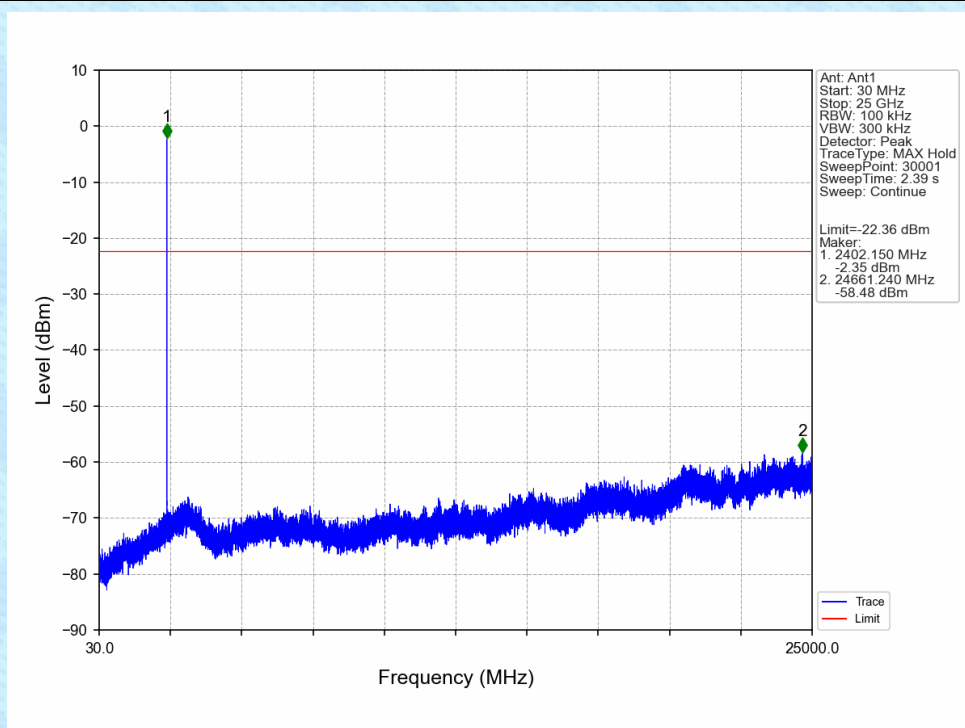


## 5.2.2 CSE

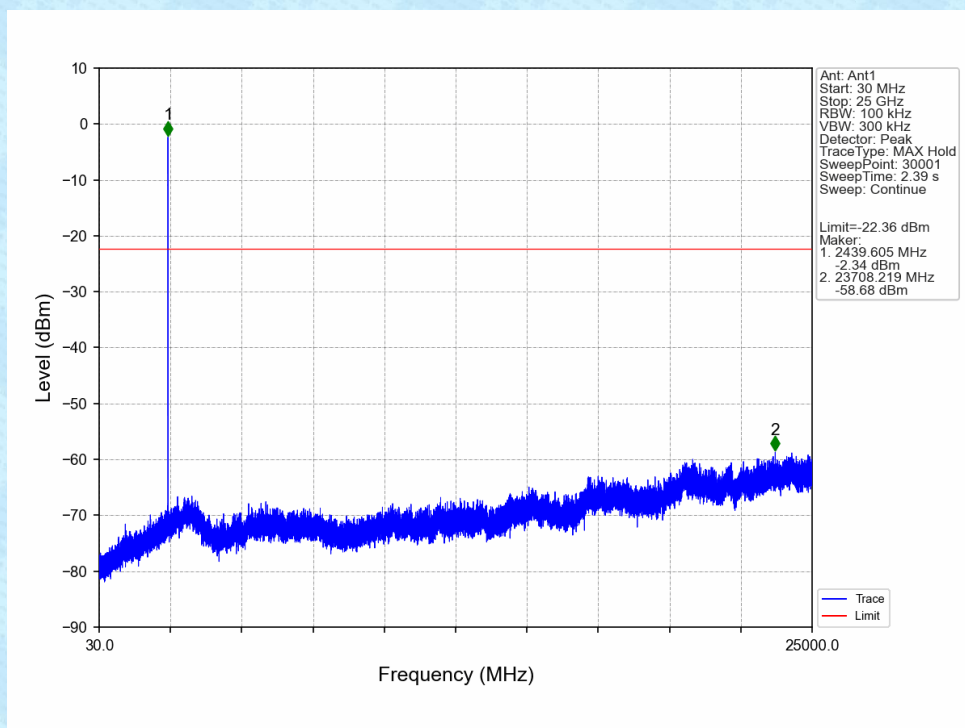
1M\_LCH\_2402MHz\_Ant1\_NTNV



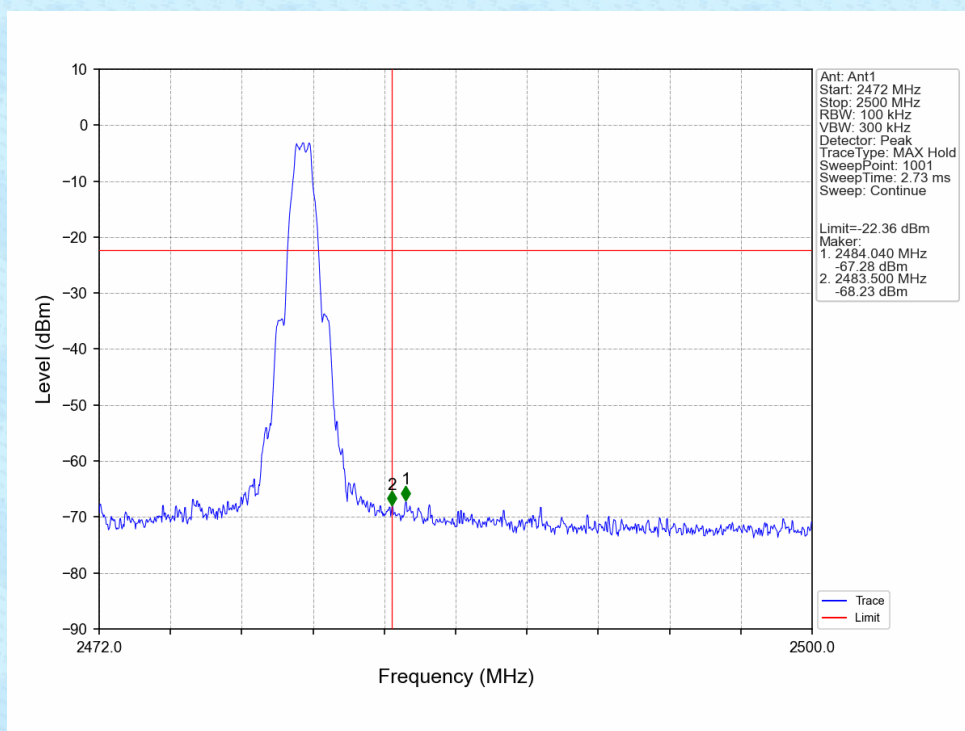
1M\_LCH\_2402MHz\_Ant1\_NTNV



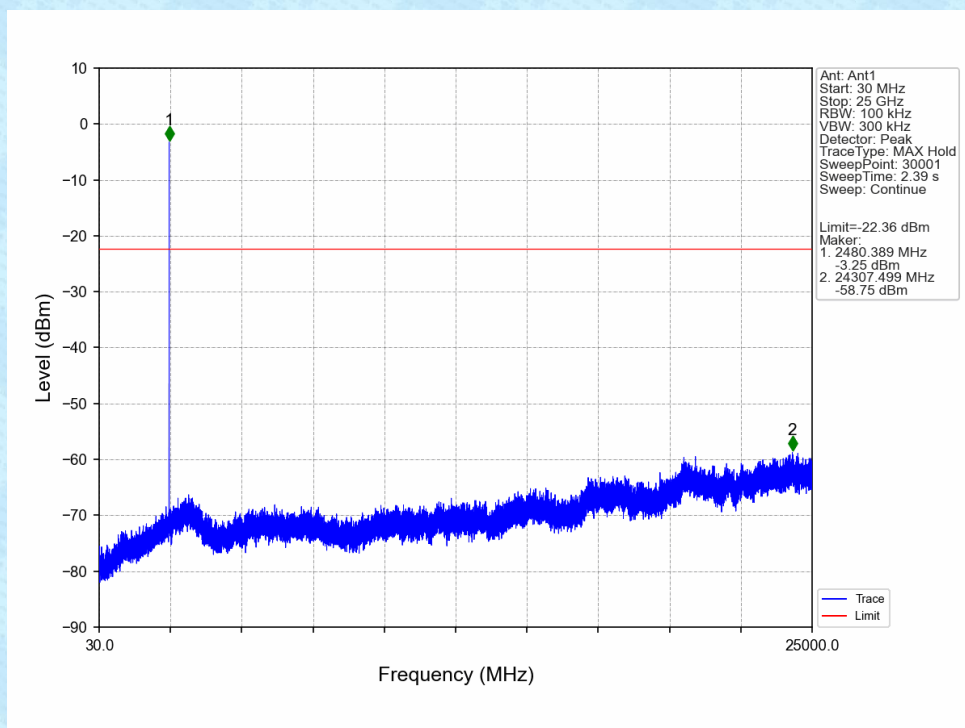
## 1M\_MCH\_2440MHz\_Ant1\_NTNV



## 1M\_HCH\_2480MHz\_Ant1\_NTNV



1M\_HCH\_2480MHz\_Ant1\_NTNV



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