

## 1. Duty Cycle

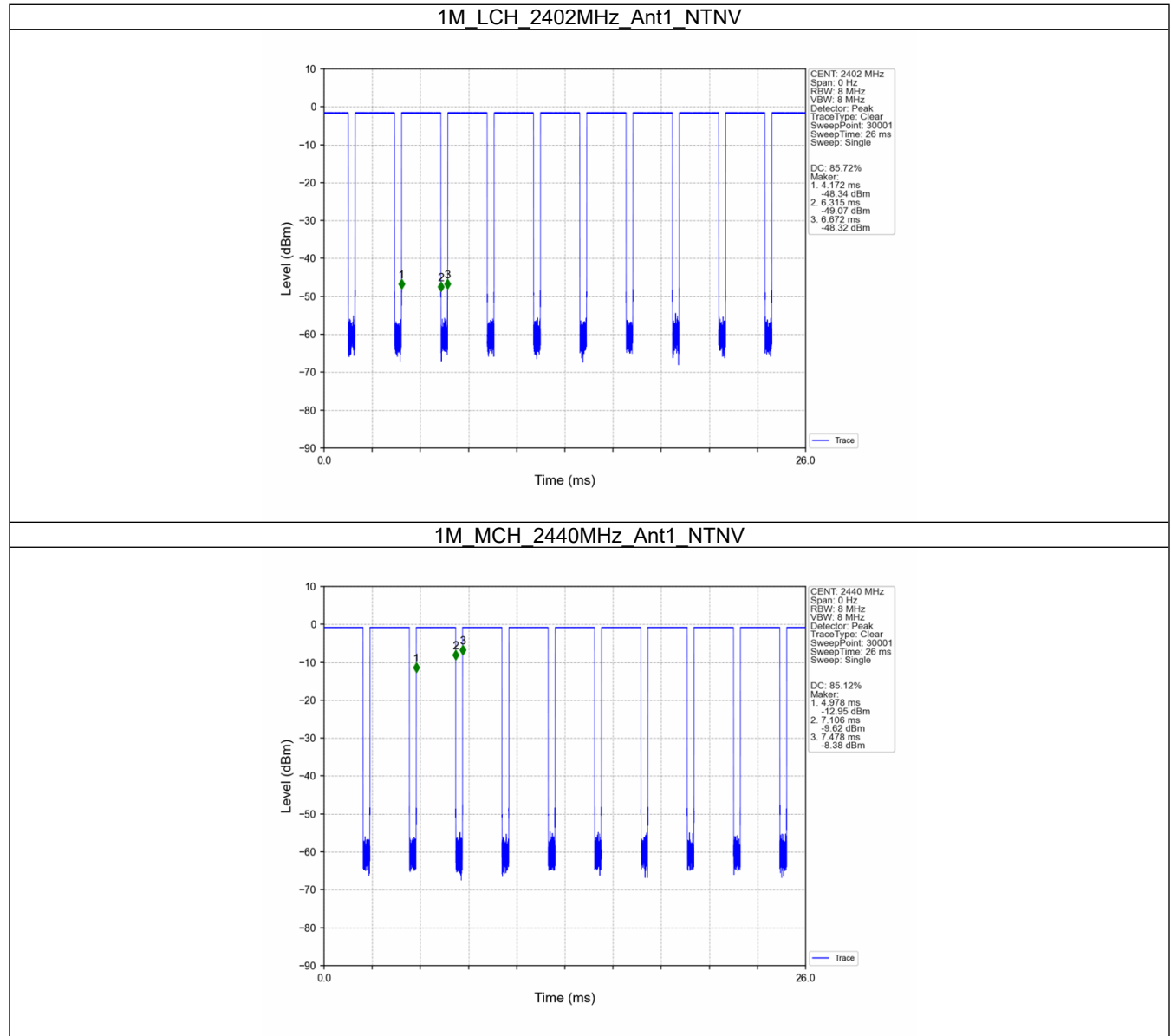
### 1.1 Test Result

#### 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            | 2.143     | 2.500       | 85.72          | 0.67                              | 0.03                  |
|      |         | 2440            | 2.128     | 2.500       | 85.12          | 0.70                              | 0.03                  |
|      |         | 2480            | 2.127     | 2.500       | 85.08          | 0.70                              | 0.03                  |
| 2M   | SISO    | 2402            | 1.071     | 1.875       | 57.12          | 2.43                              | 0.03                  |
|      |         | 2440            | 1.072     | 1.875       | 57.17          | 2.43                              | 0.03                  |
|      |         | 2480            | 1.071     | 1.874       | 57.15          | 2.43                              | 0.03                  |

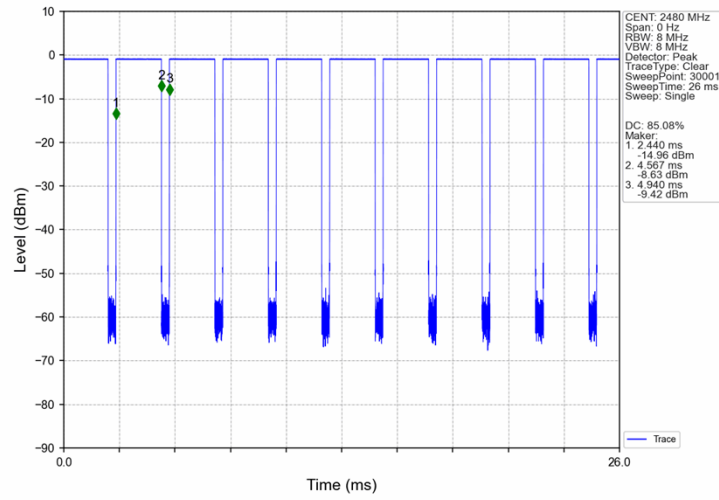
## 1.2 Test Graph

### 1.2.1 Ant1

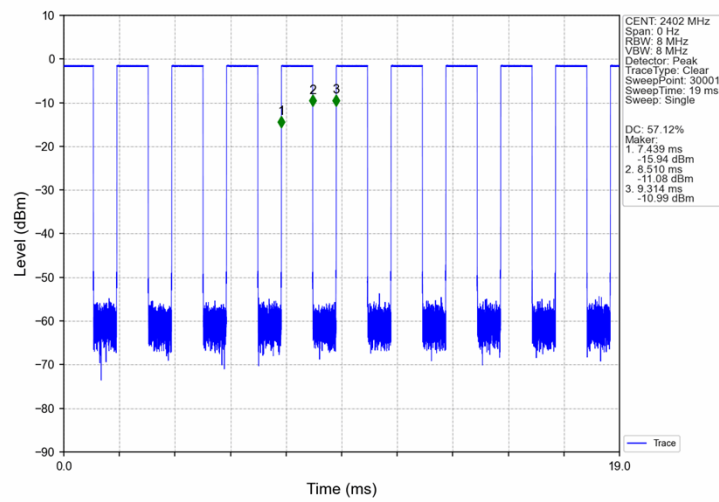




1M\_HCH\_2480MHz\_Ant1\_NTNV

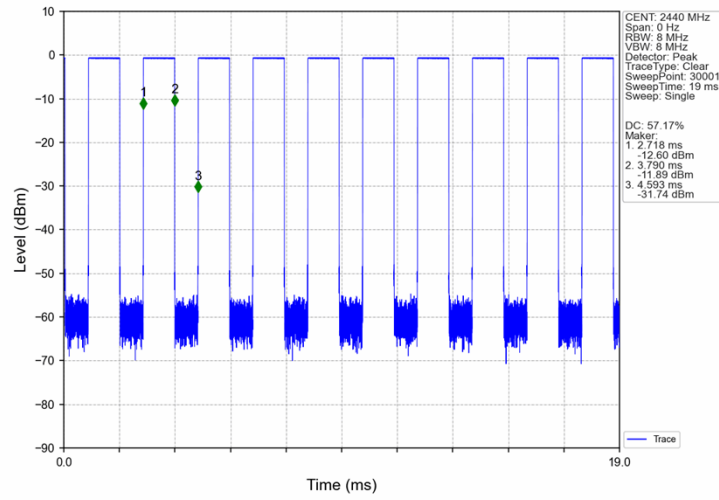


2M\_LCH\_2402MHz\_Ant1\_NTNV

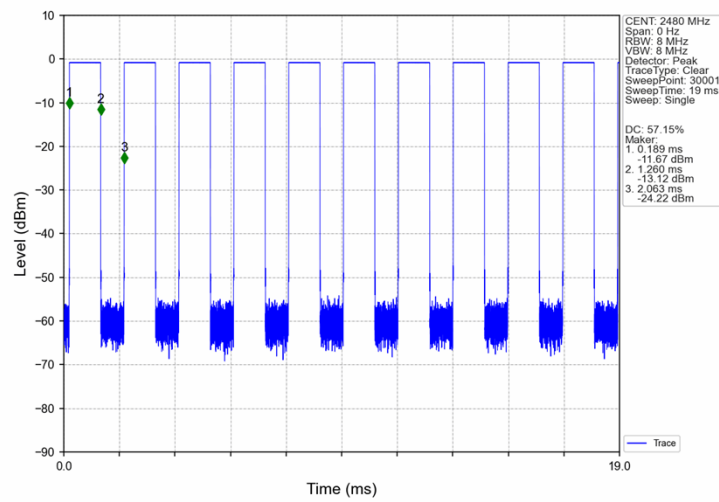




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

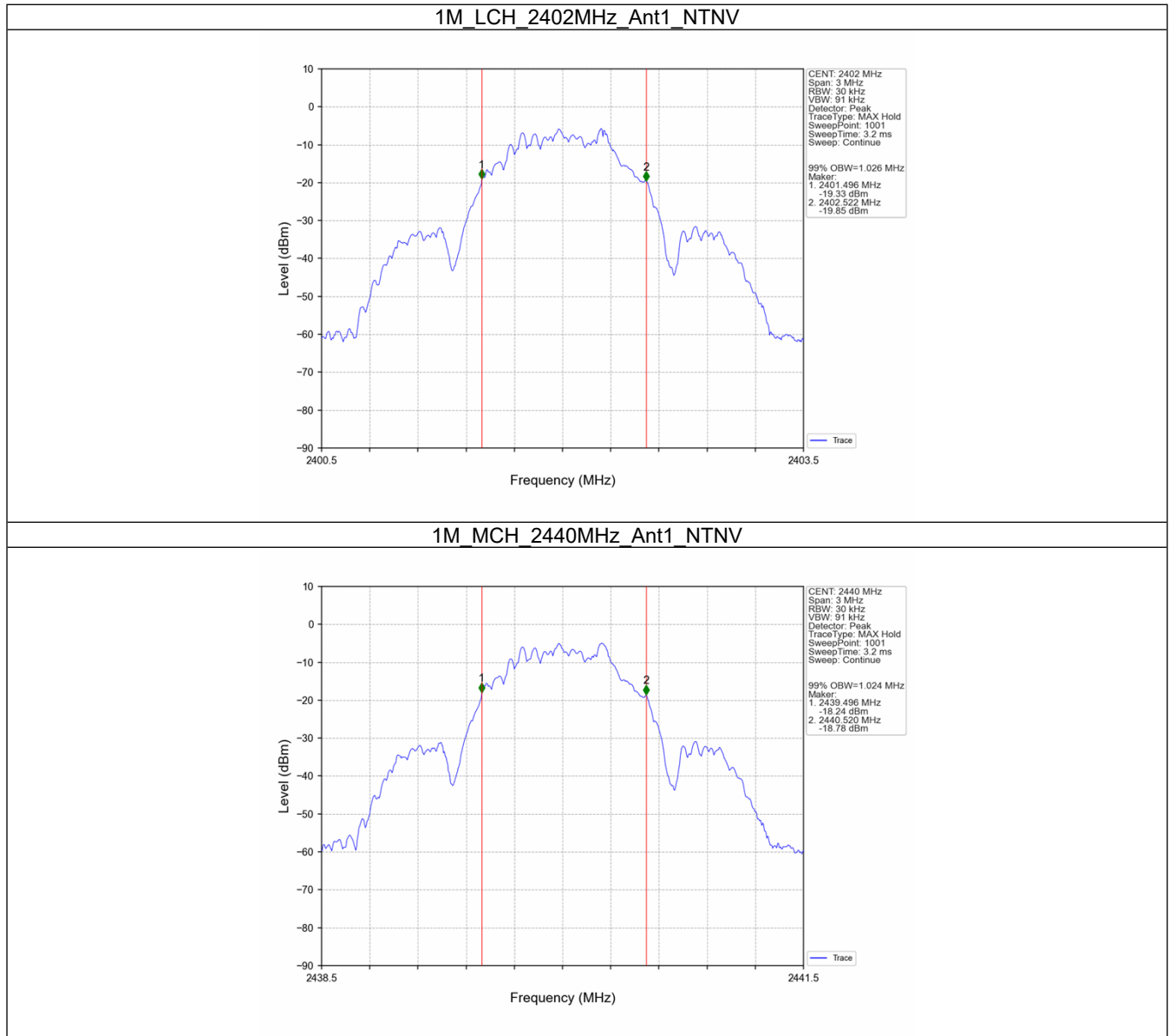
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 1.026                        | /     | Pass    |
|      |         | 2440            | 1   | 1.024                        | /     | Pass    |
|      |         | 2480            | 1   | 1.023                        | /     | Pass    |
| 2M   | SISO    | 2402            | 1   | 2.060                        | /     | Pass    |
|      |         | 2440            | 1   | 2.059                        | /     | Pass    |
|      |         | 2480            | 1   | 2.059                        | /     | Pass    |

#### 2.1.2 6dB BW

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.667               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.667               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.668               | $\geq 0.5$ | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.177               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 1.173               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 1.156               | $\geq 0.5$ | Pass    |

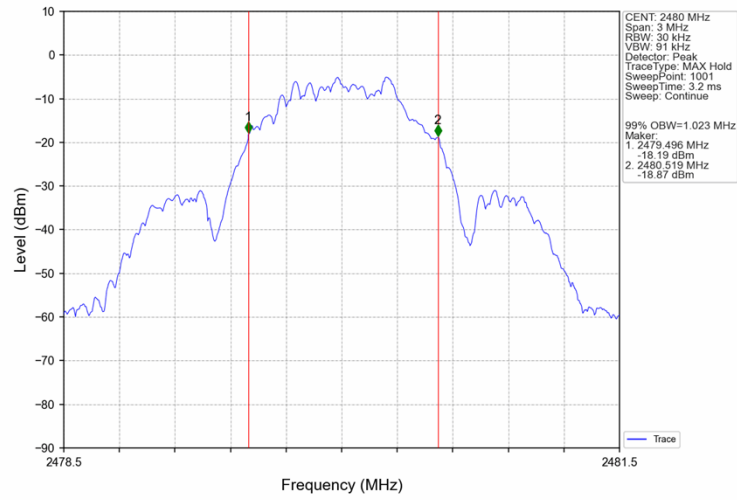
## 2.2 Test Graph

### 2.2.1 OBW

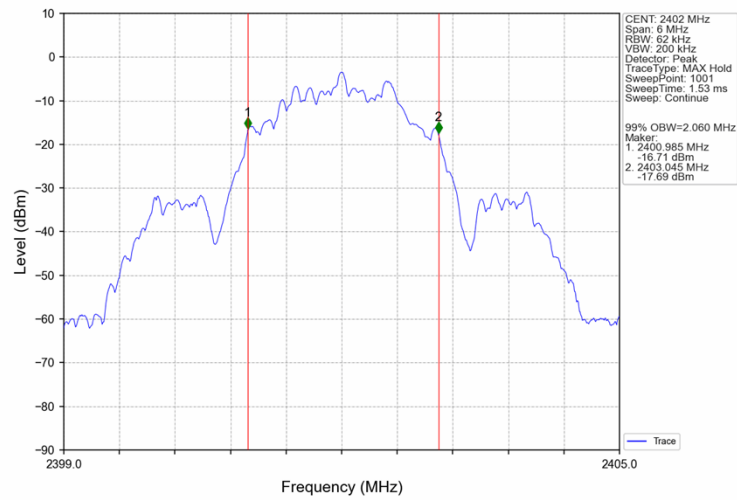




1M\_HCH\_2480MHz\_Ant1\_NTNV

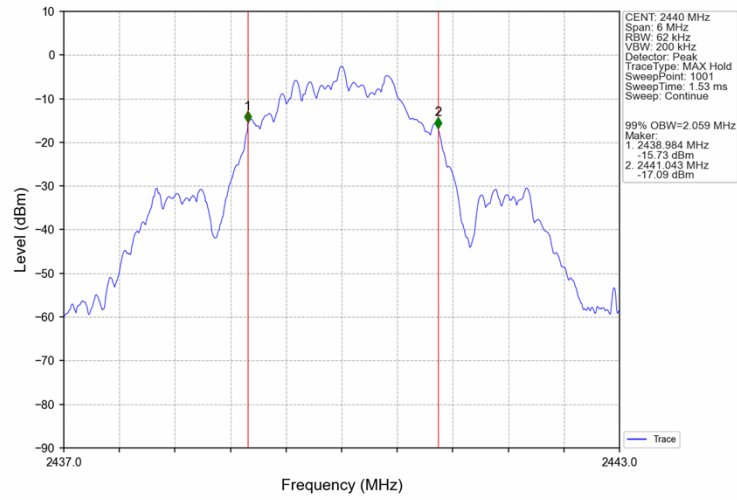


2M\_LCH\_2402MHz\_Ant1\_NTNV

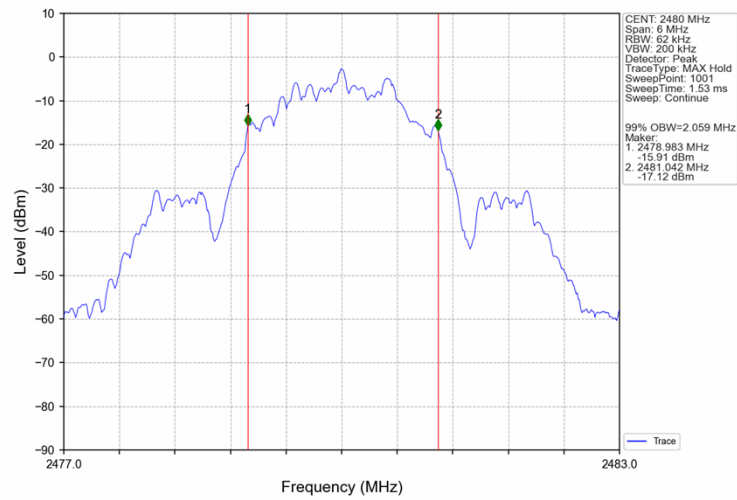




### 2M\_MCH\_2440MHz\_Ant1\_NTNV

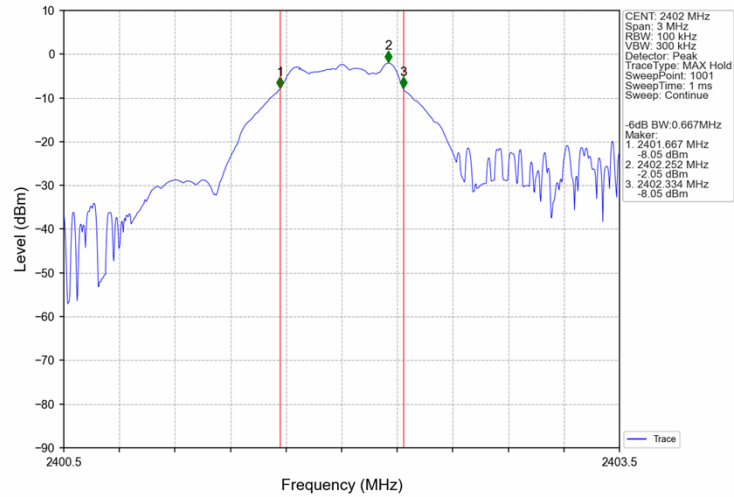


### 2M\_HCH\_2480MHz\_Ant1\_NTNV

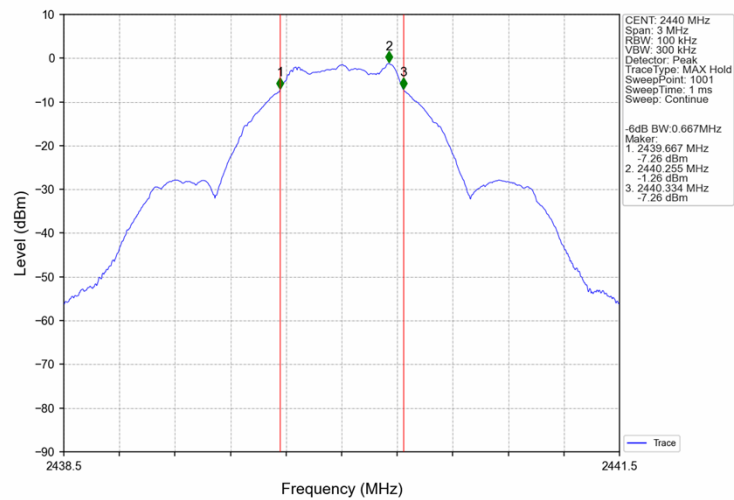


## 2.2.2 6dB BW

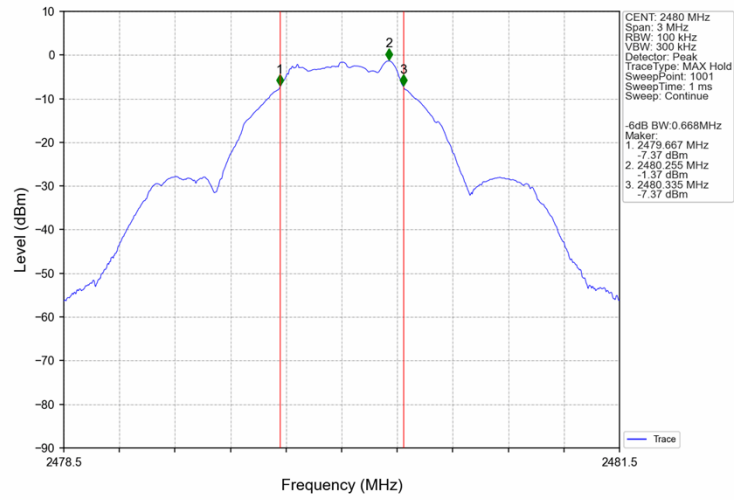
1M\_LCH\_2402MHz\_Ant1\_NTNV



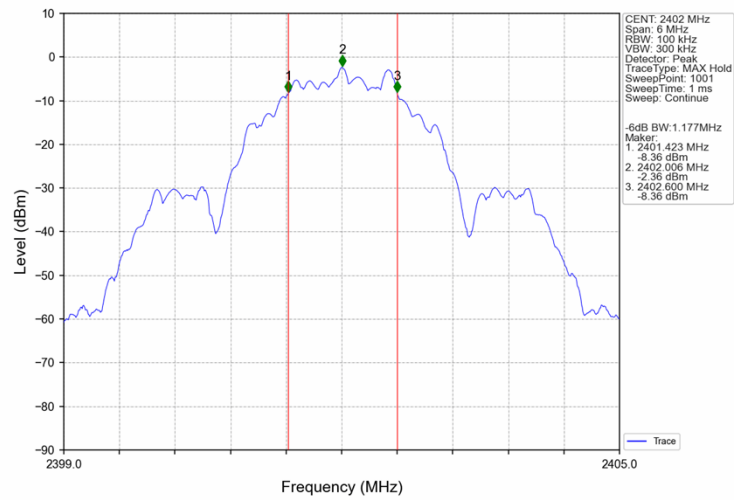
1M\_MCH\_2440MHz\_Ant1\_NTNV



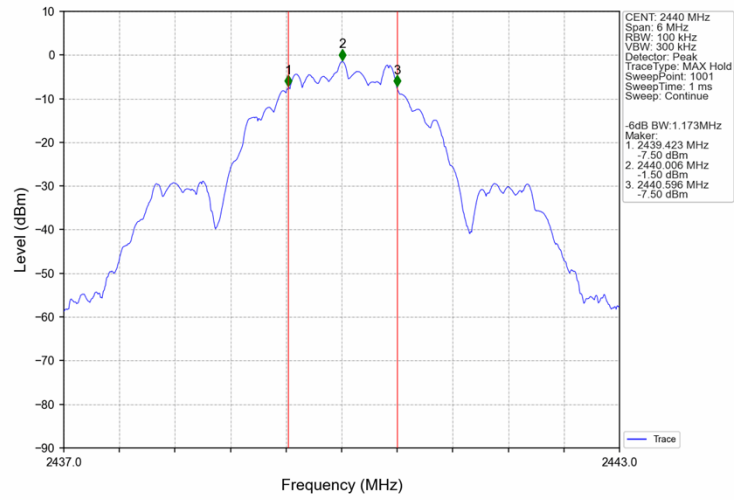
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



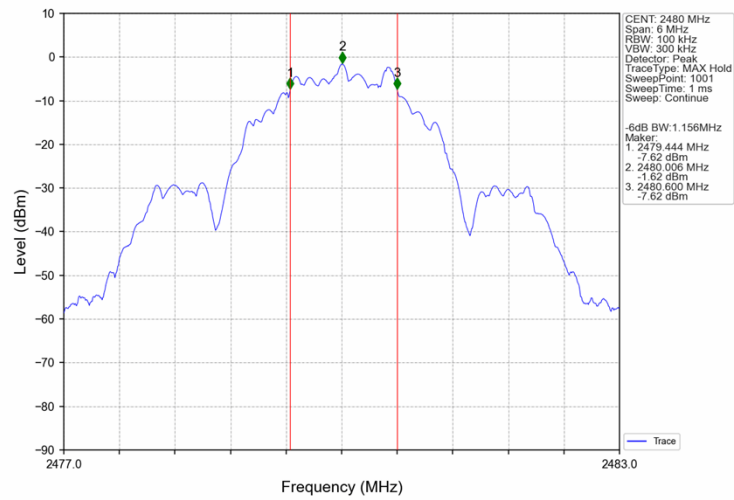
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



### 2M\_MCH\_2440MHz\_Ant1\_NTNV



### 2M\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

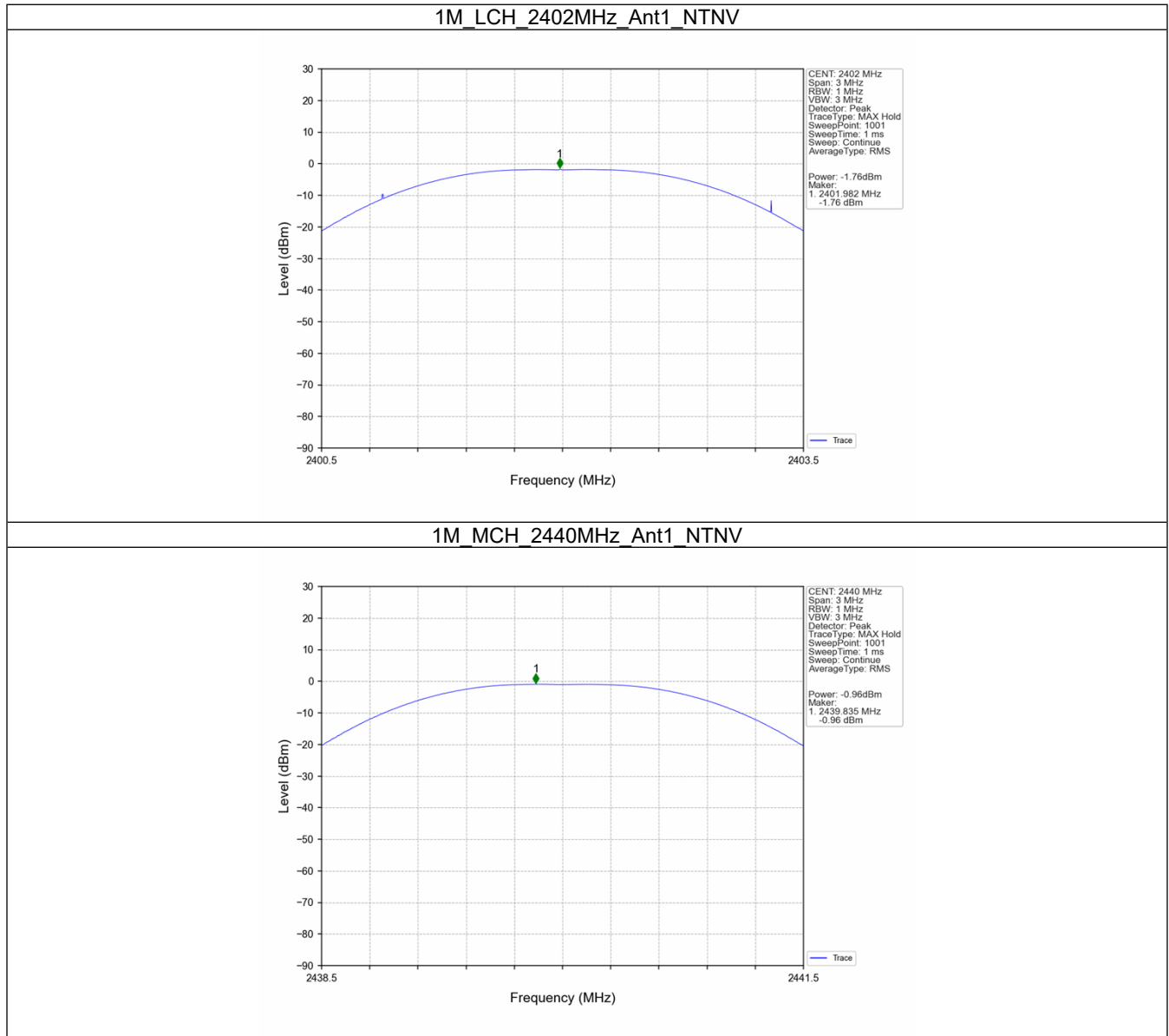
#### 3.1 Test Result

##### 3.1.1 Power

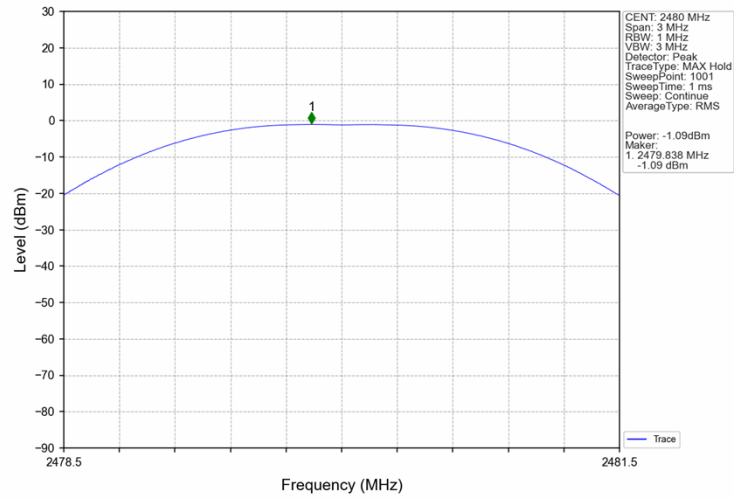
| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |           | Verdict |
|------|---------|-----------------|-------------------------------------------|-----------|---------|
|      |         |                 | ANT1                                      | Limit     |         |
| 1M   | SISO    | 2402            | -1.76                                     | $\leq 30$ | Pass    |
|      |         | 2440            | -0.96                                     | $\leq 30$ | Pass    |
|      |         | 2480            | -1.09                                     | $\leq 30$ | Pass    |
| 2M   | SISO    | 2402            | -1.73                                     | $\leq 30$ | Pass    |
|      |         | 2440            | -0.85                                     | $\leq 30$ | Pass    |
|      |         | 2480            | -0.99                                     | $\leq 30$ | Pass    |

## 3.2 Test Graph

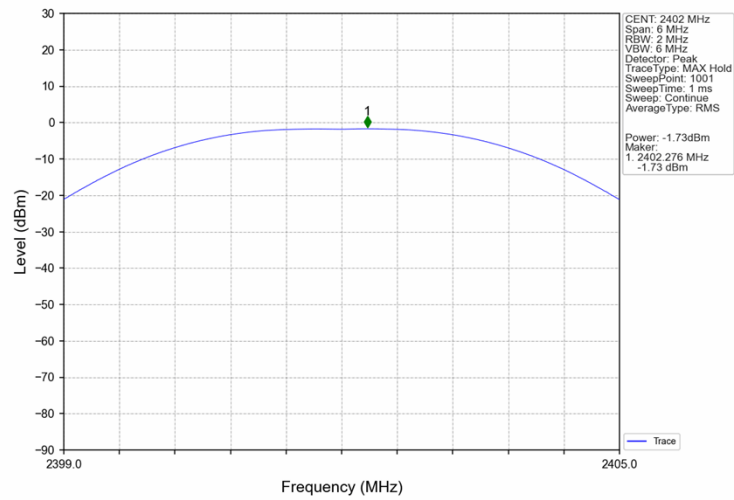
### 3.2.1 Power



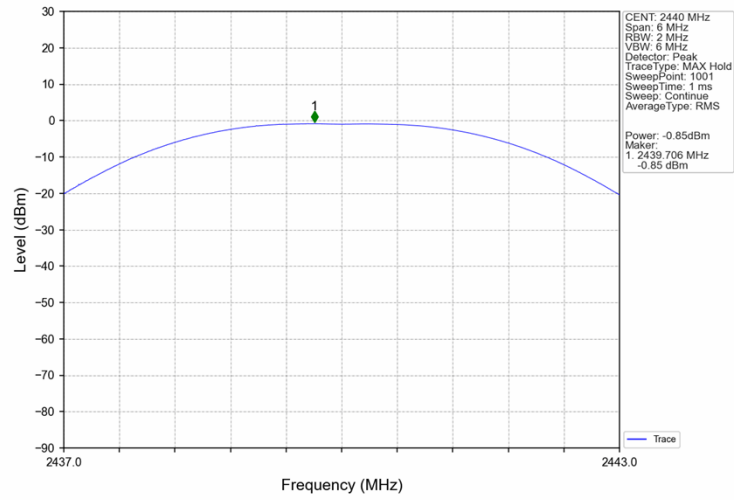
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



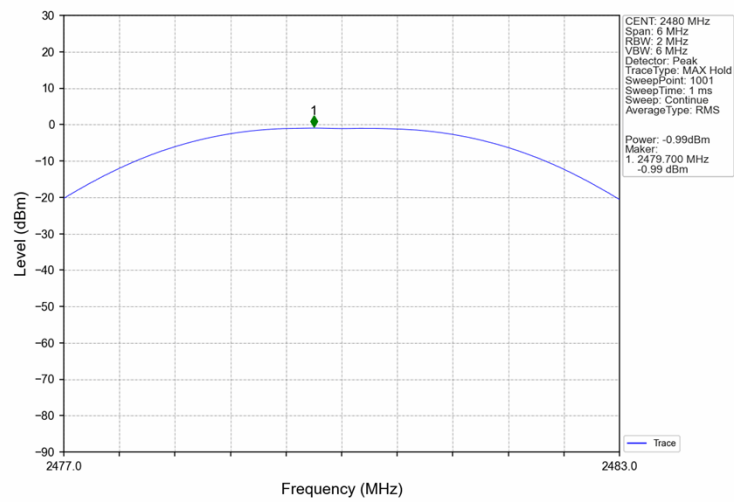
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



### 2M\_MCH\_2440MHz\_Ant1\_NTNV



### 2M\_HCH\_2480MHz\_Ant1\_NTNV



## 4. Maximum Power Spectral Density

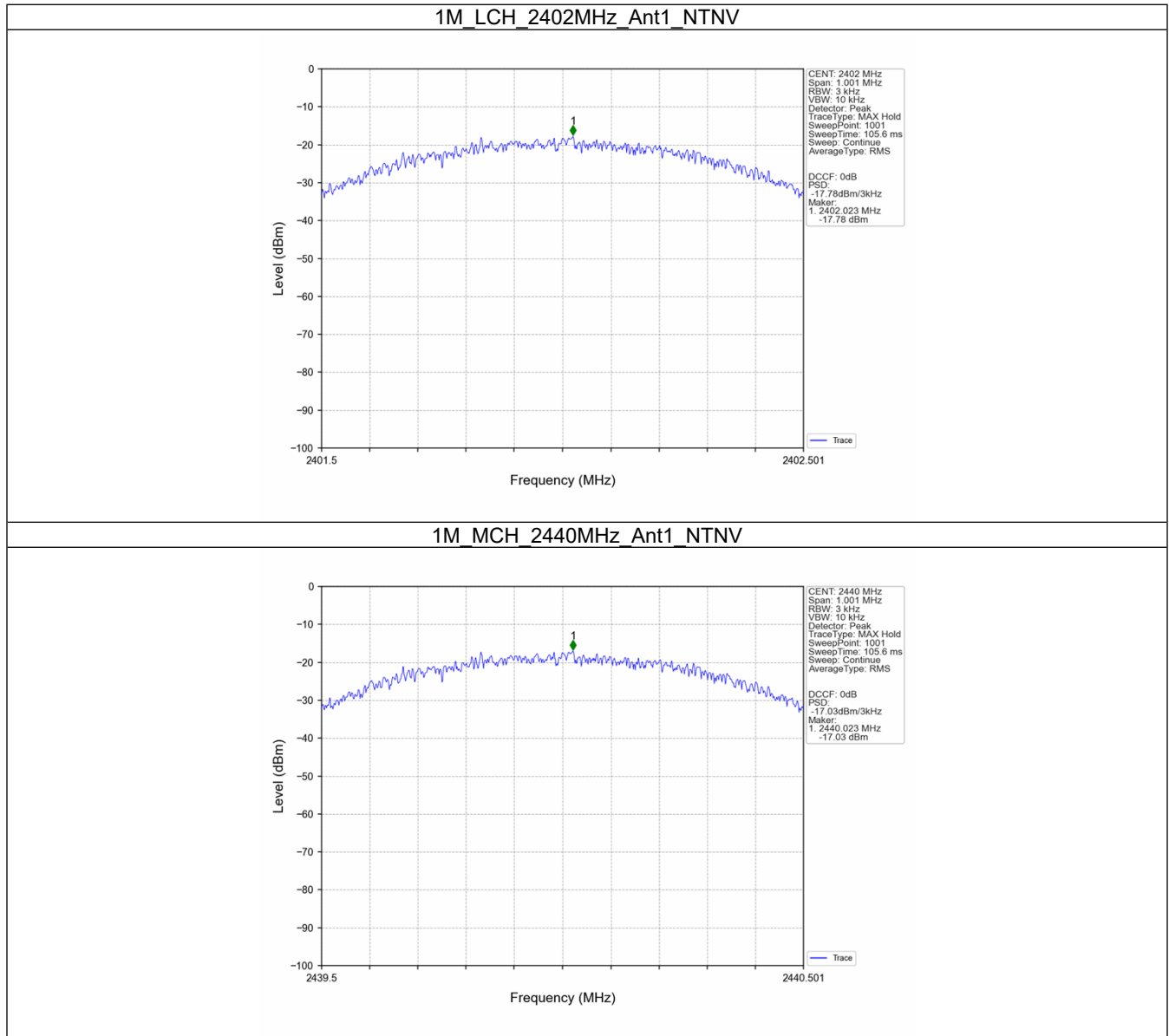
### 4.1 Test Result

#### 4.1.1 PSD

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
|      |         |                 | ANT1                   | Limit |         |
| 1M   | SISO    | 2402            | -17.78                 | <=8   | Pass    |
|      |         | 2440            | -17.03                 | <=8   | Pass    |
|      |         | 2480            | -17.17                 | <=8   | Pass    |
| 2M   | SISO    | 2402            | -20.26                 | <=8   | Pass    |
|      |         | 2440            | -19.54                 | <=8   | Pass    |
|      |         | 2480            | -19.52                 | <=8   | Pass    |

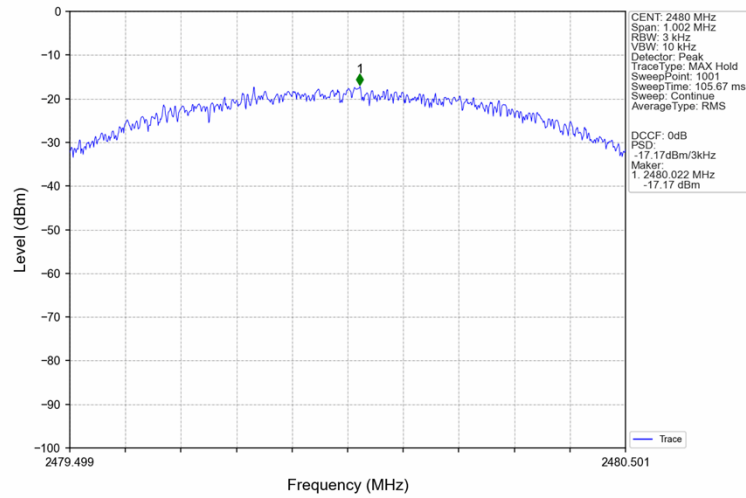
## 4.2 Test Graph

### 4.2.1 PSD

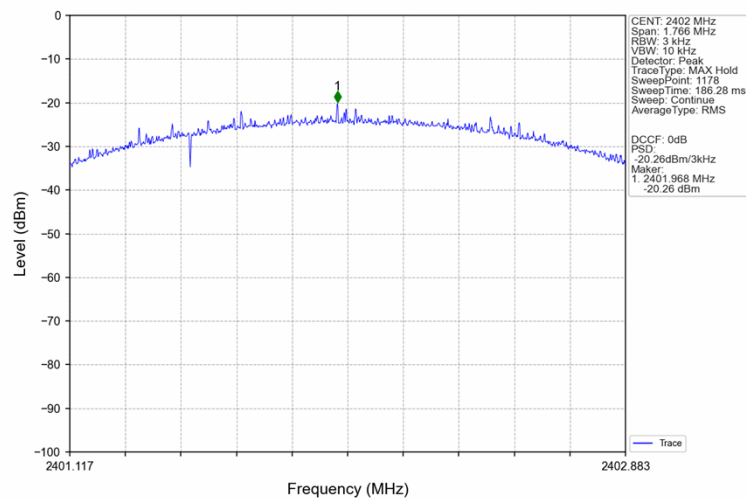




1M\_HCH\_2480MHz\_Ant1\_NTNV

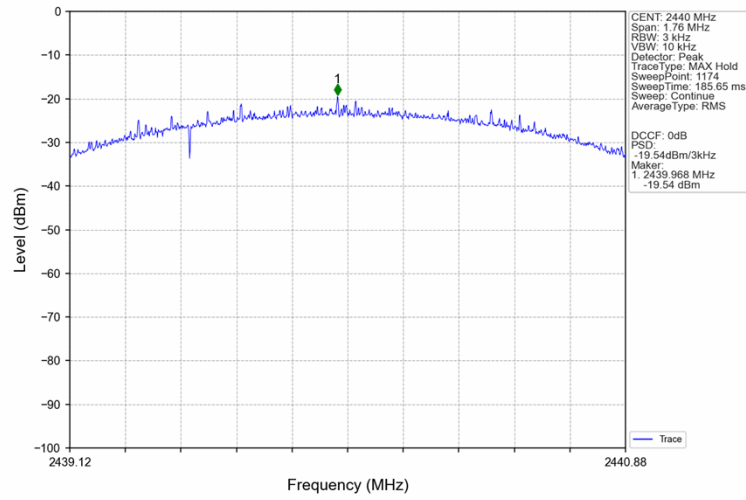


2M\_LCH\_2402MHz\_Ant1\_NTNV

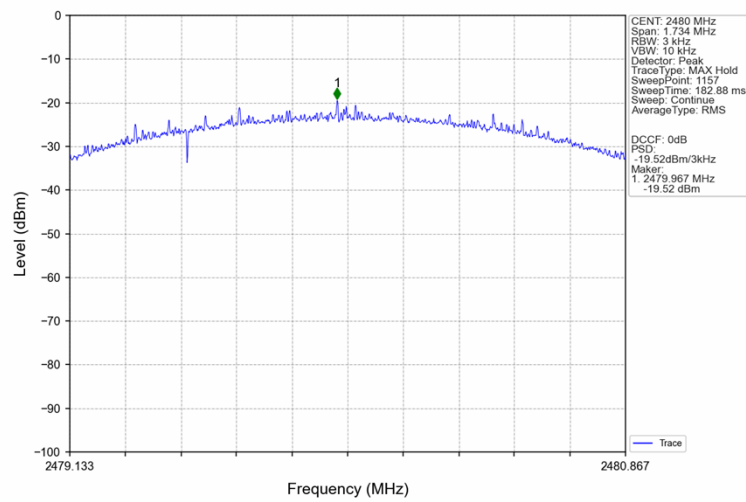




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

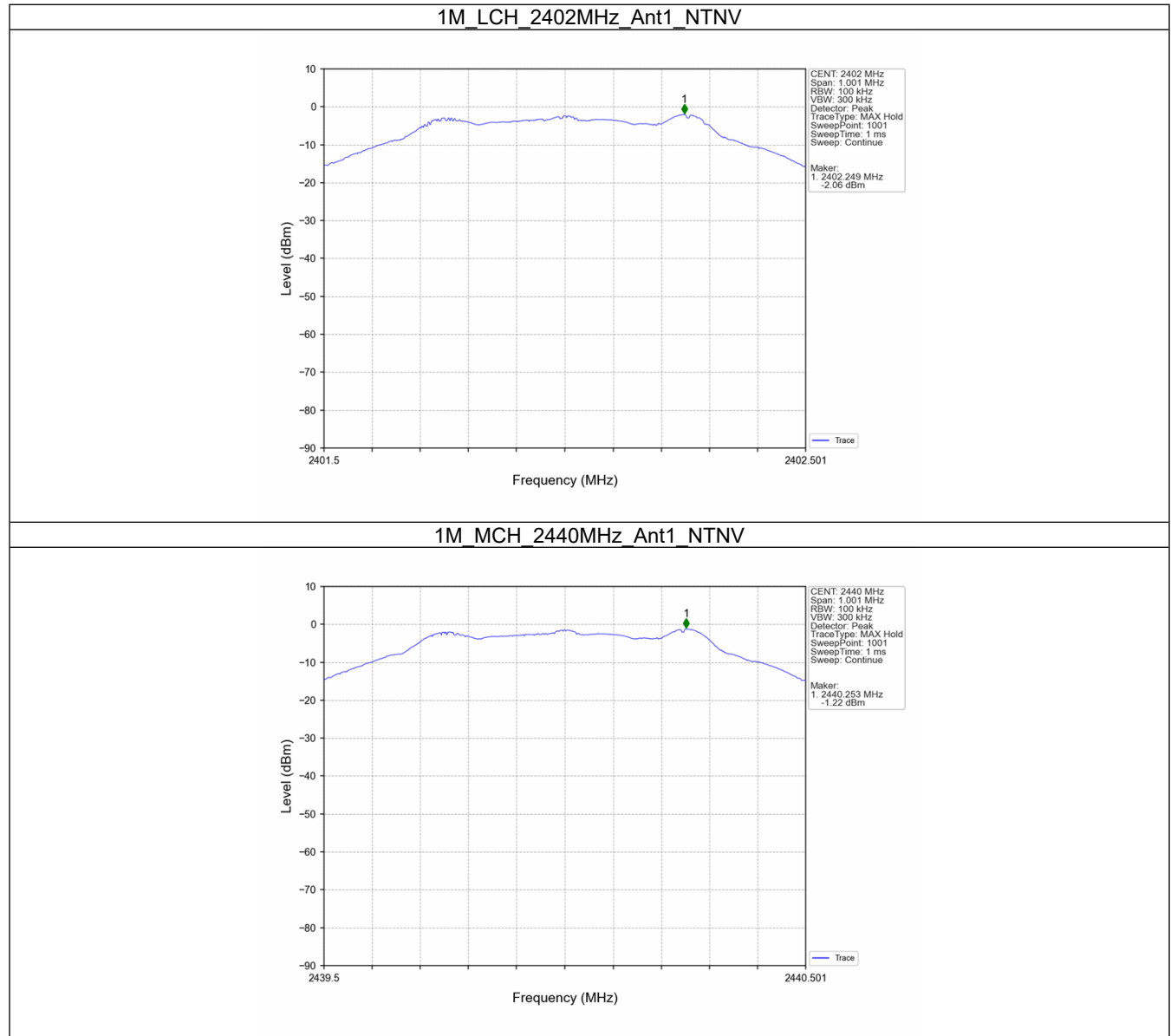




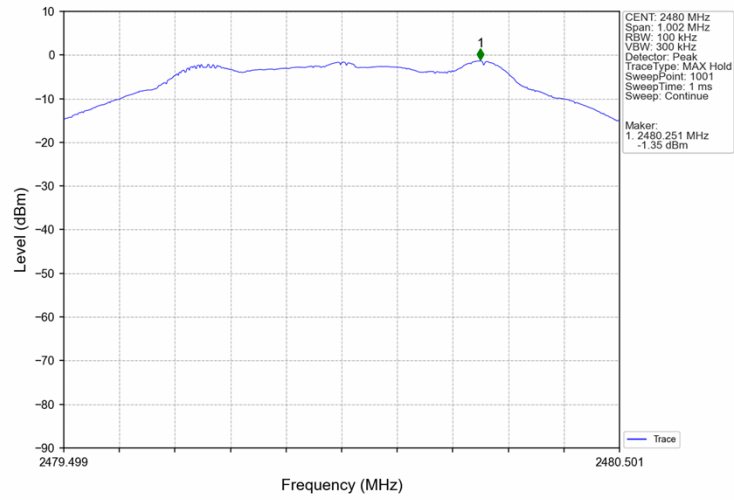
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

## 5.2 Test Graph

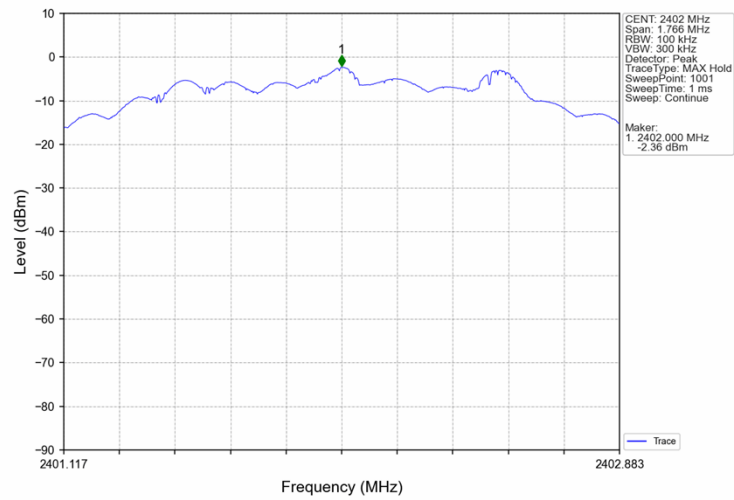
### 5.2.1 Ref



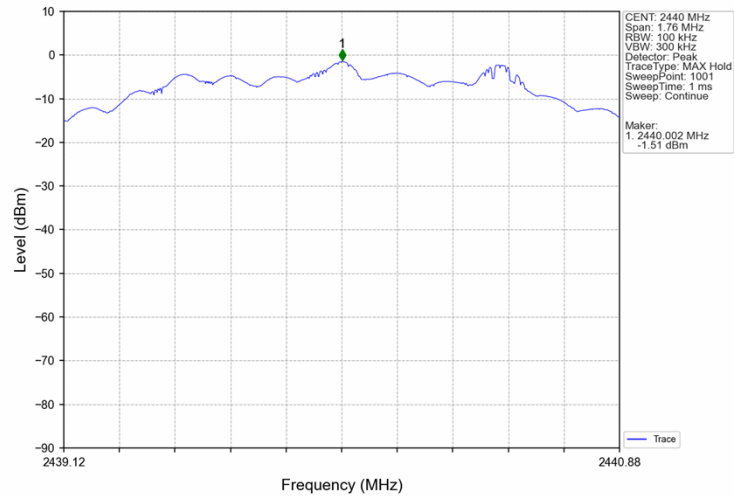
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



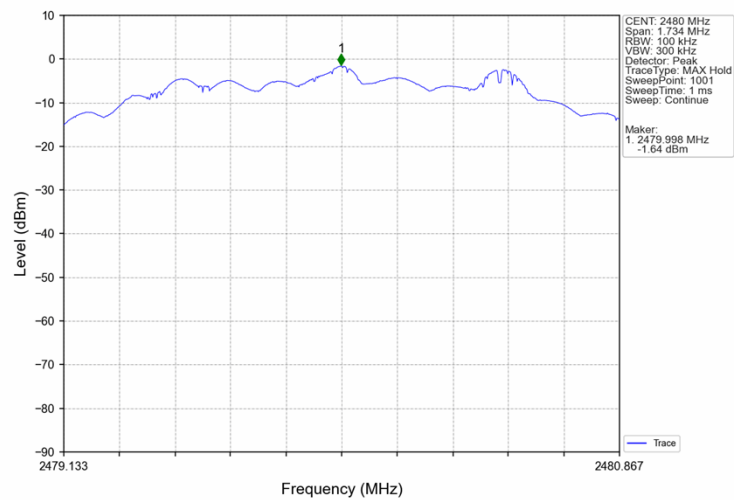
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



### 2M\_MCH\_2440MHz\_Ant1\_NTNV

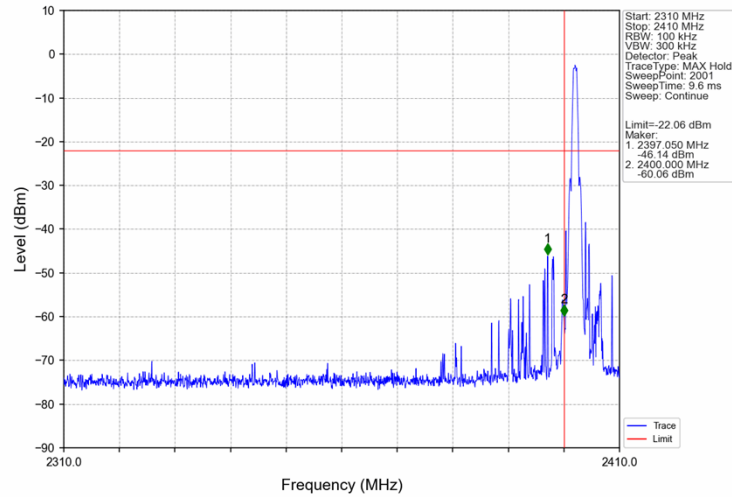


### 2M\_HCH\_2480MHz\_Ant1\_NTNV

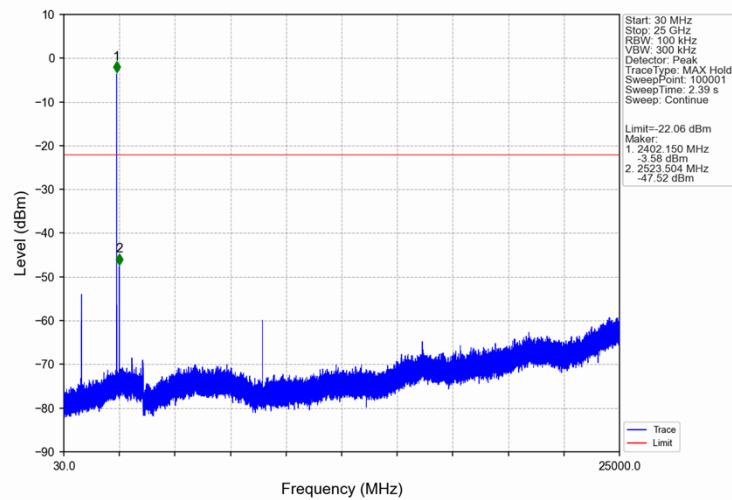


## 5.2.2 CSE

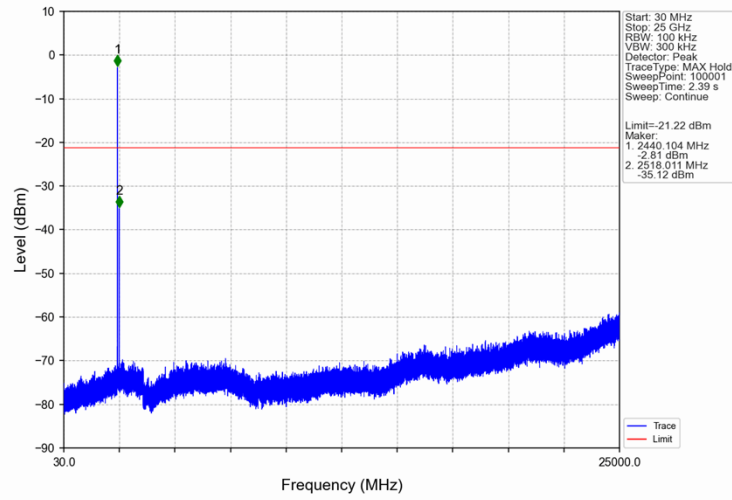
1M\_LCH\_2402MHz\_Ant1\_NTNV



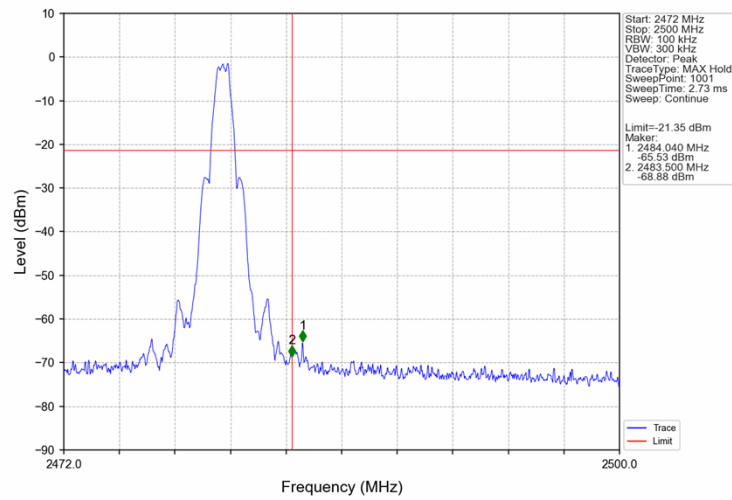
1M\_LCH\_2402MHz\_Ant1\_NTNV



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

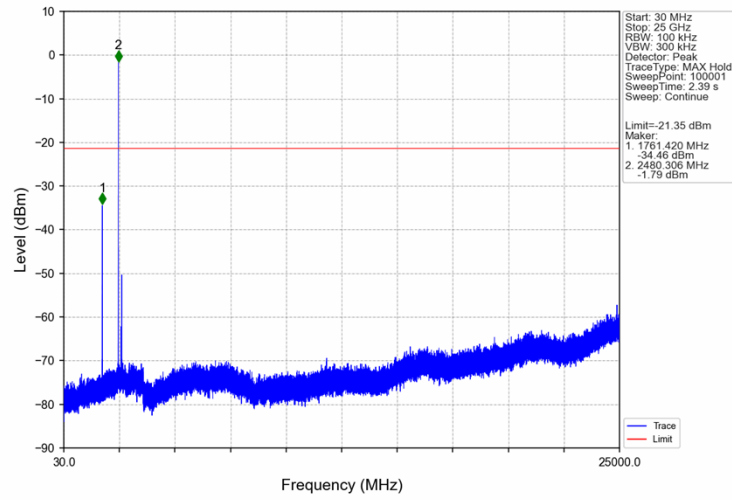


## 1M\_HCH\_2480MHz\_Ant1\_NTNV

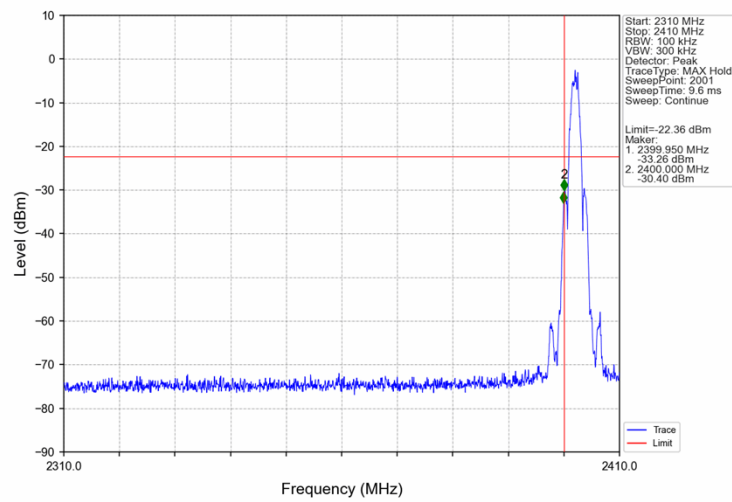




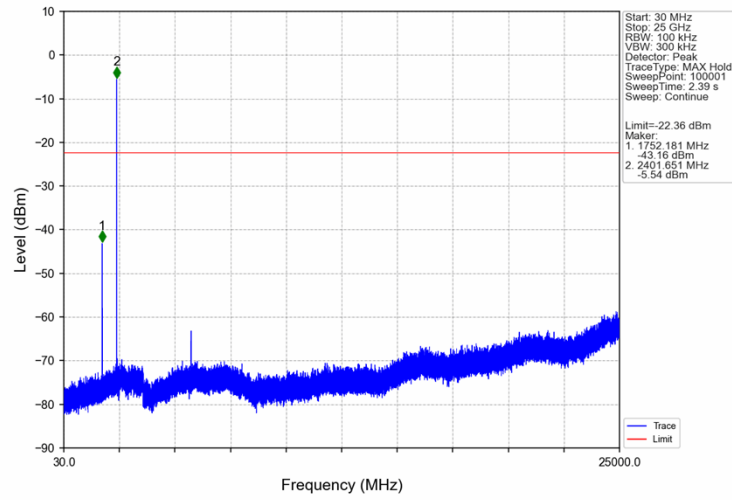
1M\_HCH\_2480MHz\_Ant1\_NTNV



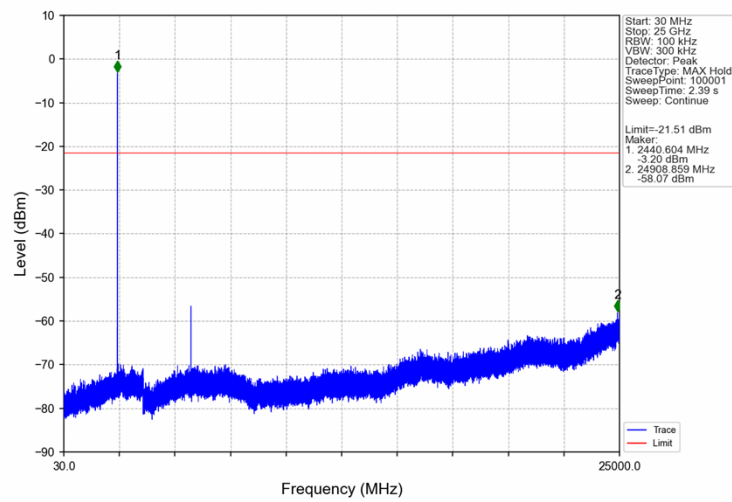
2M\_LCH\_2402MHz\_Ant1\_NTNV



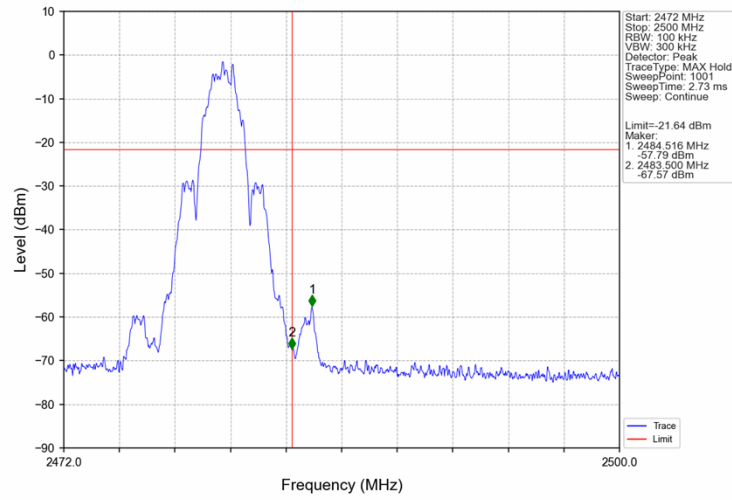
## 2M\_LCH\_2402MHz\_Ant1\_NTNV



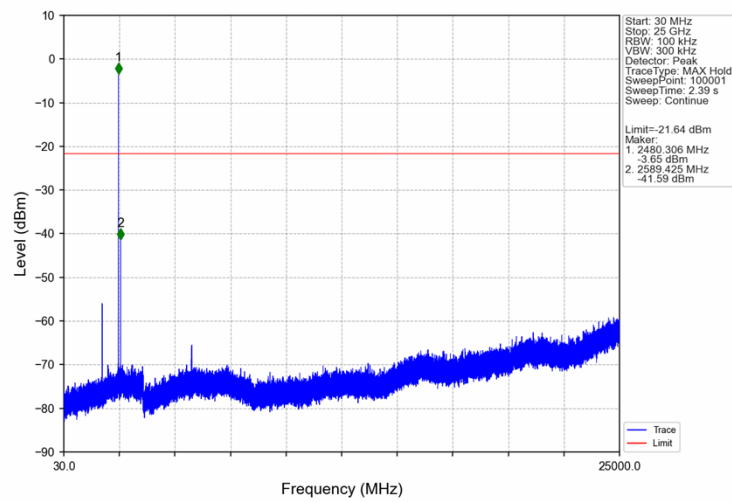
## 2M\_MCH\_2440MHz\_Ant1\_NTNV



## 2M\_HCH\_2480MHz\_Ant1\_NTNV



## 2M\_HCH\_2480MHz\_Ant1\_NTNV



## 6. Form731

### 6.1 Test Result

#### 6.1.1 Form731

| Lower Freq (MHz) | High Freq (MHz) | MAX Power (W) | MAX Power (dBm) |
|------------------|-----------------|---------------|-----------------|
| 2402             | 2480            | 0.0008        | -0.85           |