



## 1. Duty Cycle

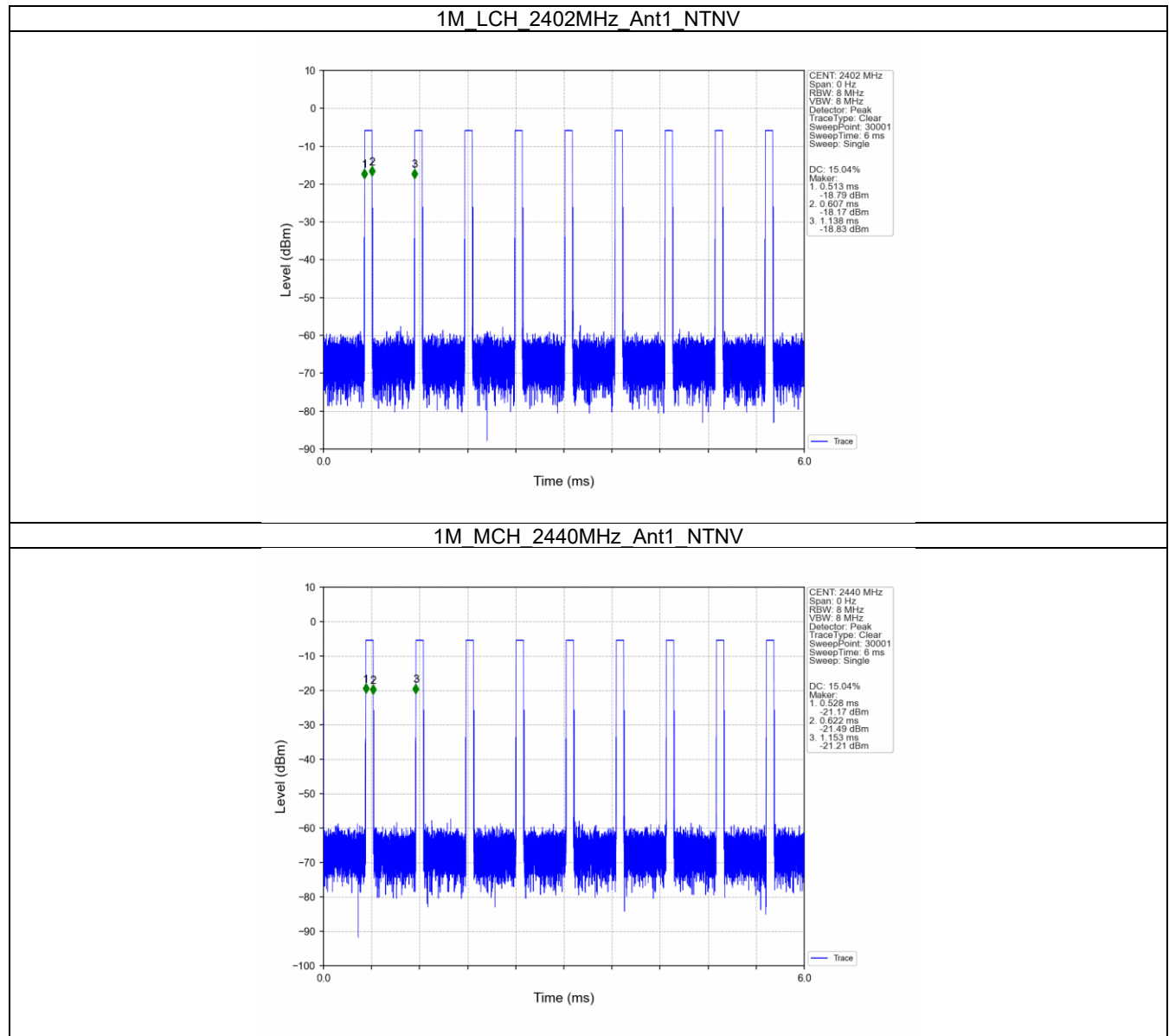
### 1.1 Test Result

#### 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            | 0.094     | 0.625       | 15.04          | 8.23                              | 0.00                  |
|      |         | 2440            | 0.094     | 0.625       | 15.04          | 8.23                              | 0.00                  |
|      |         | 2480            | 0.095     | 0.625       | 15.20          | 8.18                              | 0.00                  |
| 2M   | SISO    | 2402            | 0.062     | 0.625       | 9.92           | 10.03                             | 0.00                  |
|      |         | 2440            | 0.062     | 0.625       | 9.92           | 10.03                             | 0.00                  |
|      |         | 2480            | 0.062     | 0.625       | 9.92           | 10.03                             | 0.00                  |

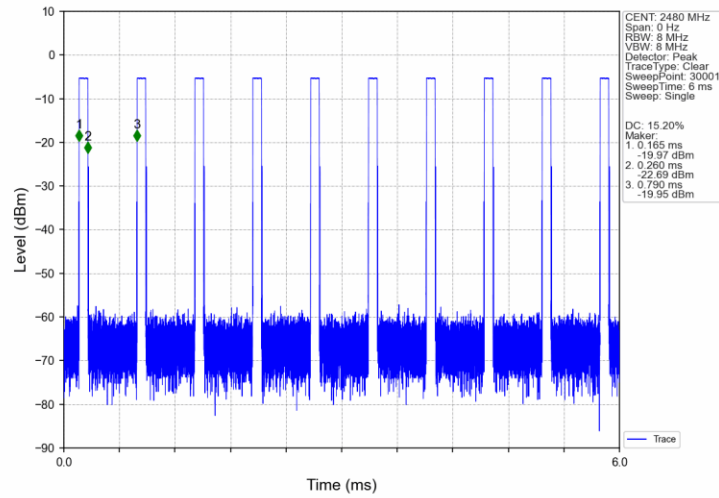
## 1.2 Test Graph

### 1.2.1 Ant1

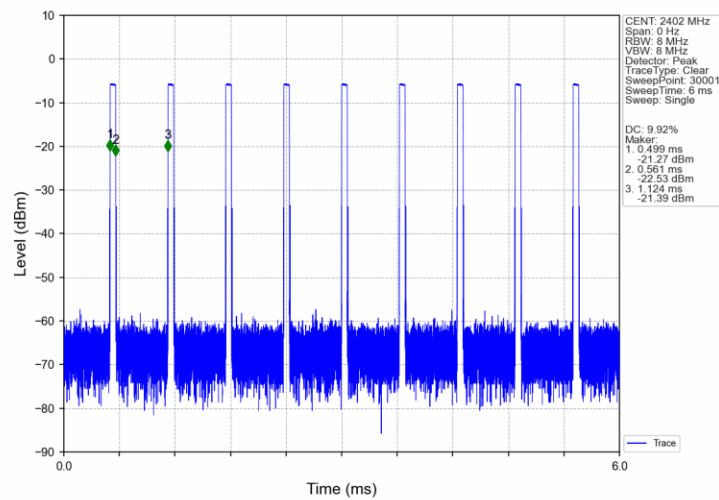




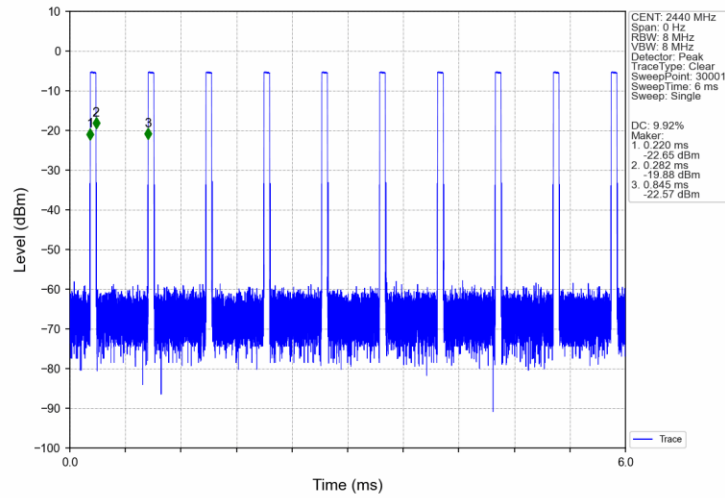
1M\_HCH\_2480MHz\_Ant1\_NTNV



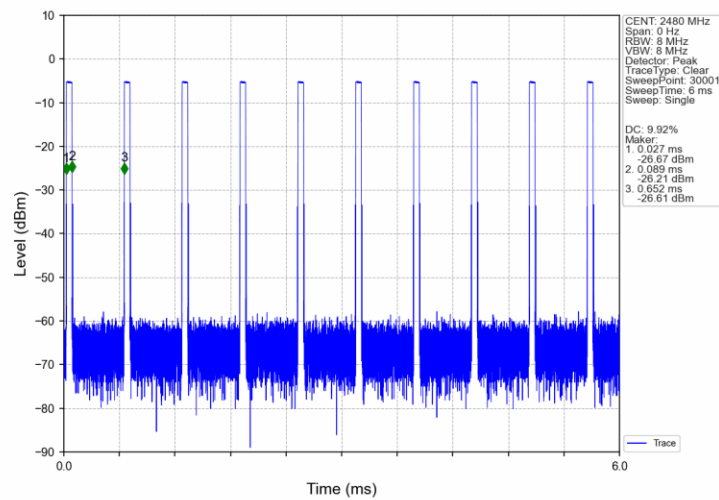
2M\_LCH\_2402MHz\_Ant1\_NTNV



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



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



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

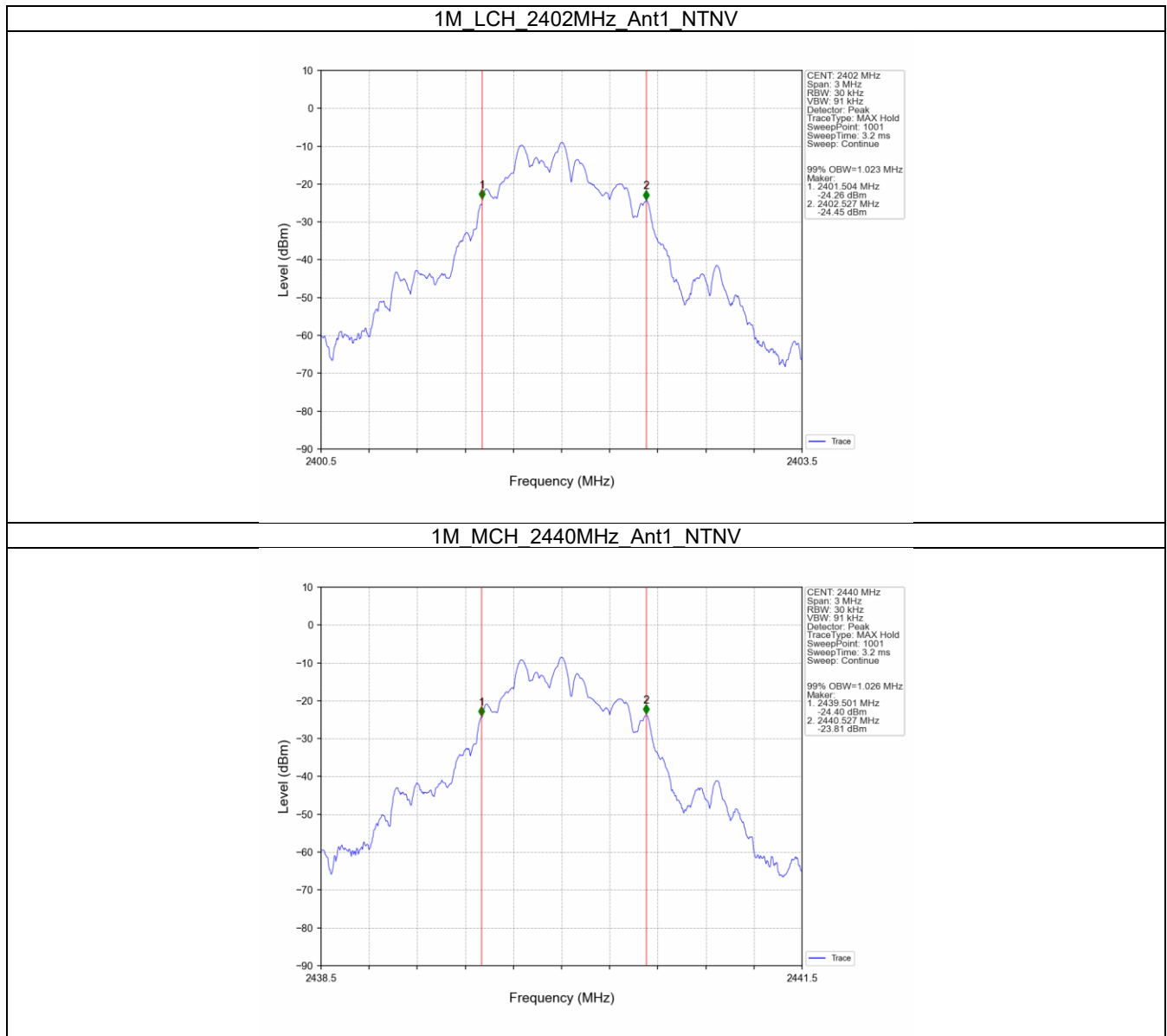
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 1.023                        | /     | Pass    |
|      |         | 2440            | 1   | 1.026                        | /     | Pass    |
|      |         | 2480            | 1   | 1.027                        | /     | Pass    |
| 2M   | SISO    | 2402            | 1   | 2.054                        | /     | Pass    |
|      |         | 2440            | 1   | 2.056                        | /     | Pass    |
|      |         | 2480            | 1   | 2.055                        | /     | Pass    |

#### 2.1.2 6dB BW

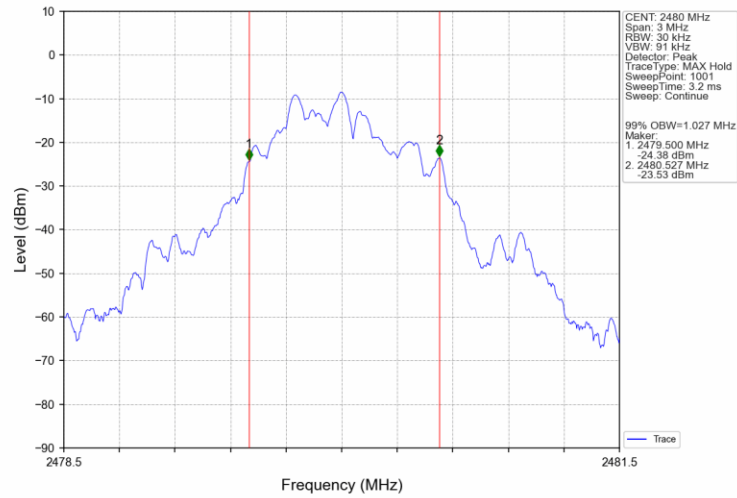
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.505               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.507               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.508               | $\geq 0.5$ | Pass    |
| 2M   | SISO    | 2402            | 1   | 0.855               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.855               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.859               | $\geq 0.5$ | Pass    |

## 2.2 Test Graph

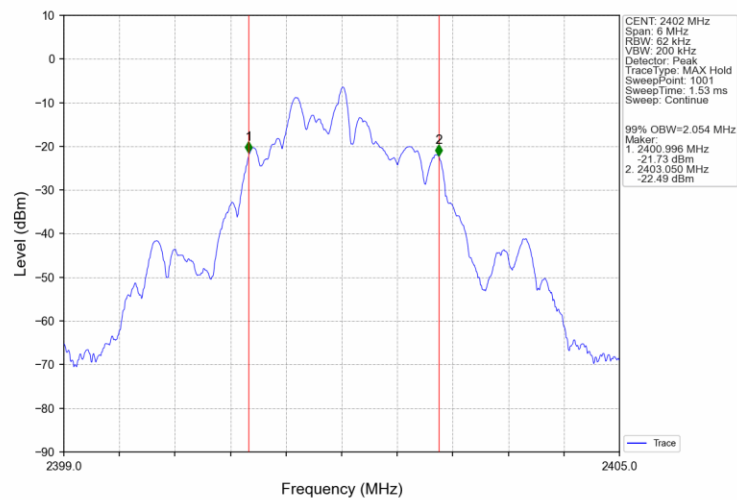
### 2.2.1 OBW



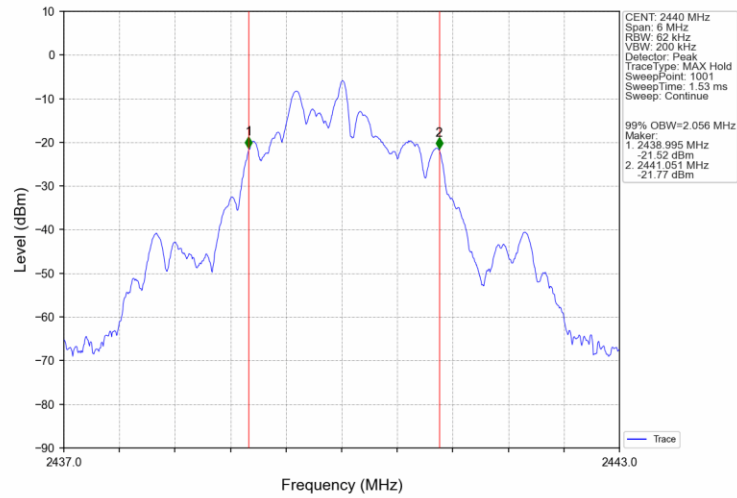
## 1M\_HCH\_2480MHz\_Ant1\_NTNV



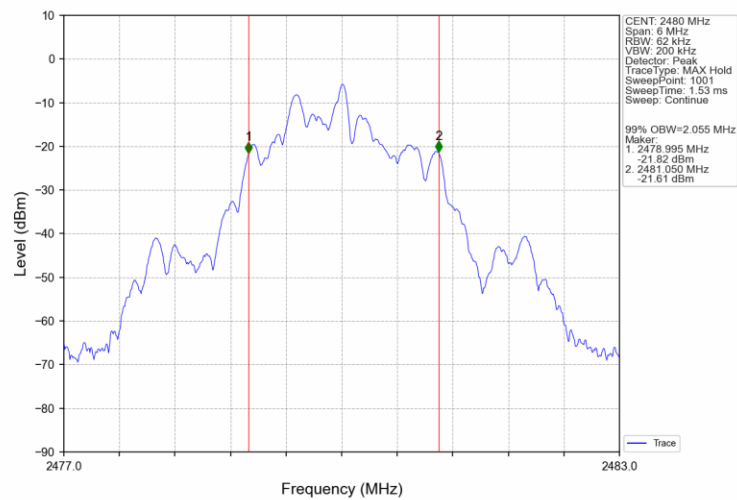
## 2M\_LCH\_2402MHz\_Ant1\_NTNV



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

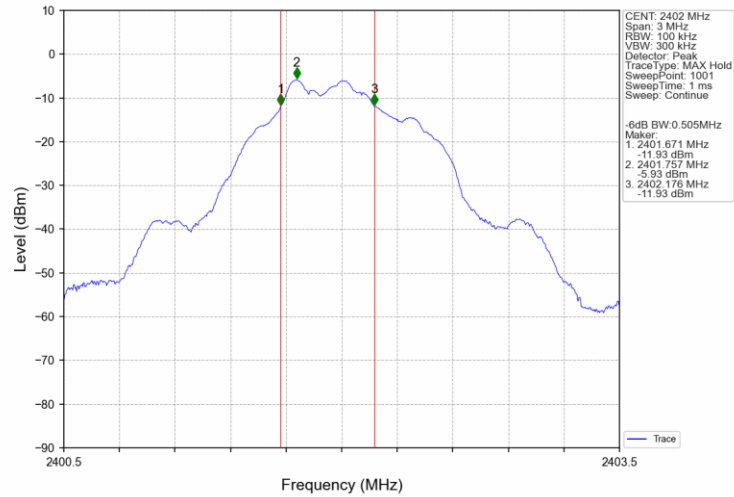


## 2M\_HCH\_2480MHz\_Ant1\_NTNV

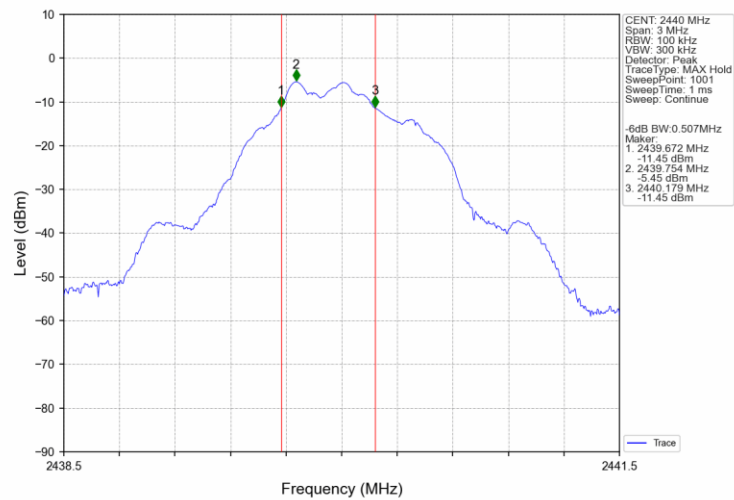


## 2.2.2 6dB BW

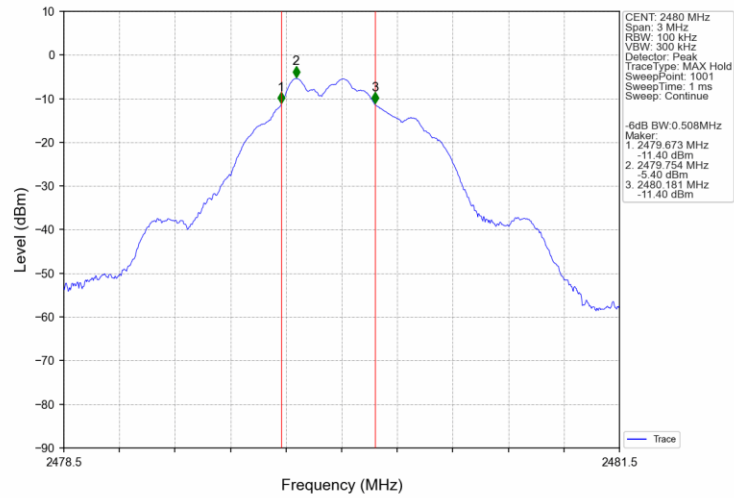
1M\_LCH\_2402MHz\_Ant1\_NTNV



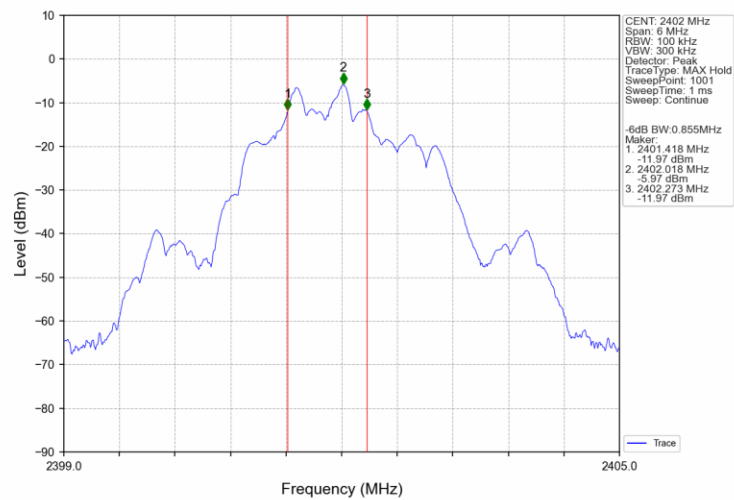
1M\_MCH\_2440MHz\_Ant1\_NTNV



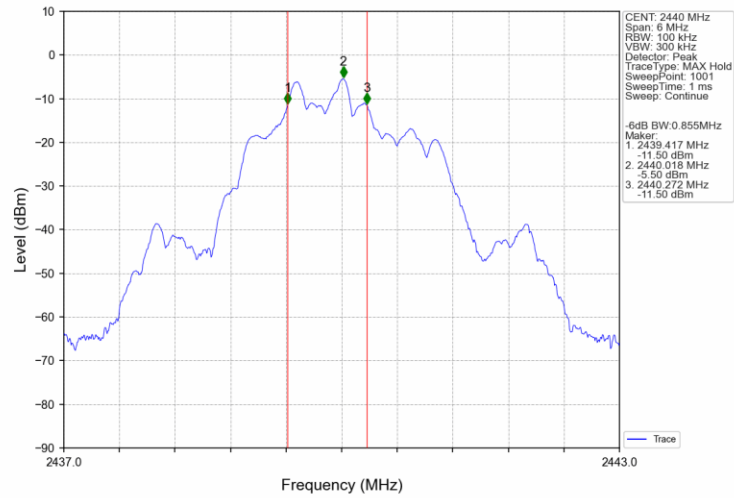
## 1M\_HCH\_2480MHz\_Ant1\_NTNV



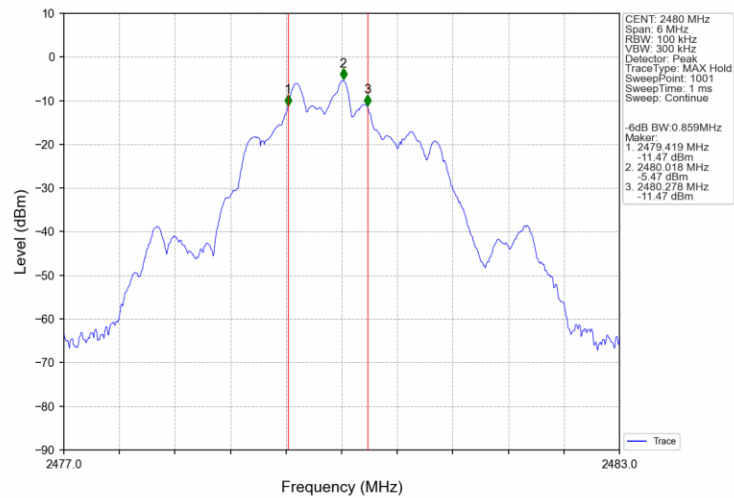
## 2M\_LCH\_2402MHz\_Ant1\_NTNV



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



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



### 3. Maximum Conducted Output Power

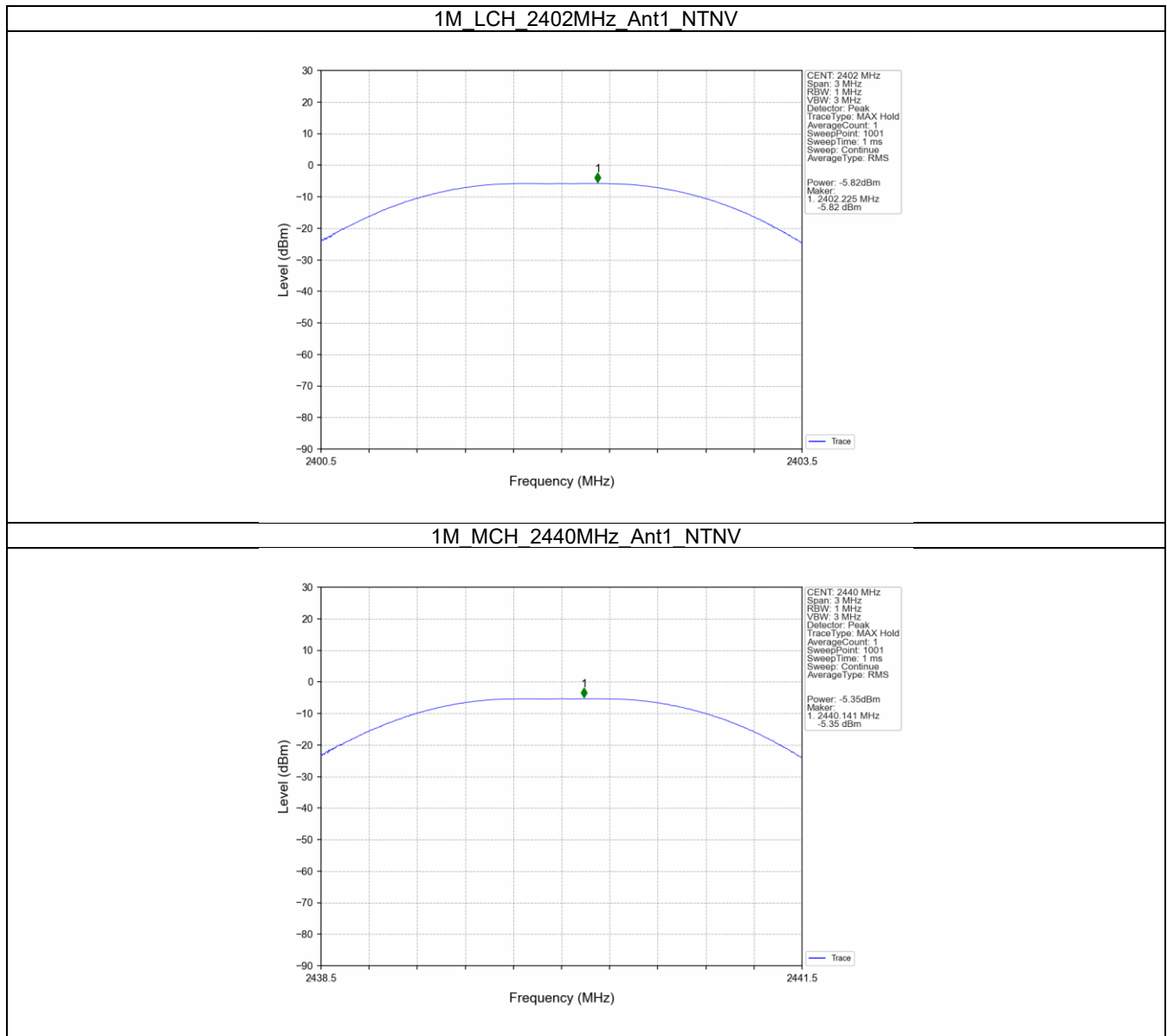
#### 3.1 Test Result

##### 3.1.1 Power

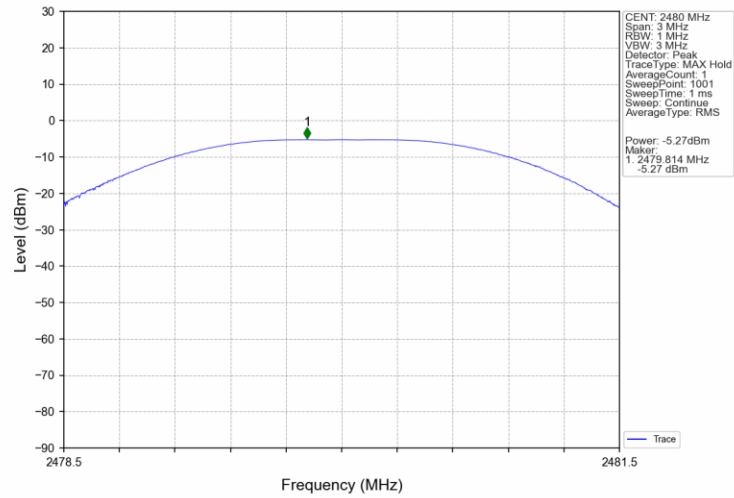
| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|------|---------|-----------------|-------------------------------------------|-------|---------|
|      |         |                 | ANT1                                      | Limit |         |
| 1M   | SISO    | 2402            | -5.82                                     | <=30  | Pass    |
|      |         | 2440            | -5.35                                     | <=30  | Pass    |
|      |         | 2480            | -5.27                                     | <=30  | Pass    |
| 2M   | SISO    | 2402            | -5.80                                     | <=30  | Pass    |
|      |         | 2440            | -5.30                                     | <=30  | Pass    |
|      |         | 2480            | -5.23                                     | <=30  | Pass    |

## 3.2 Test Graph

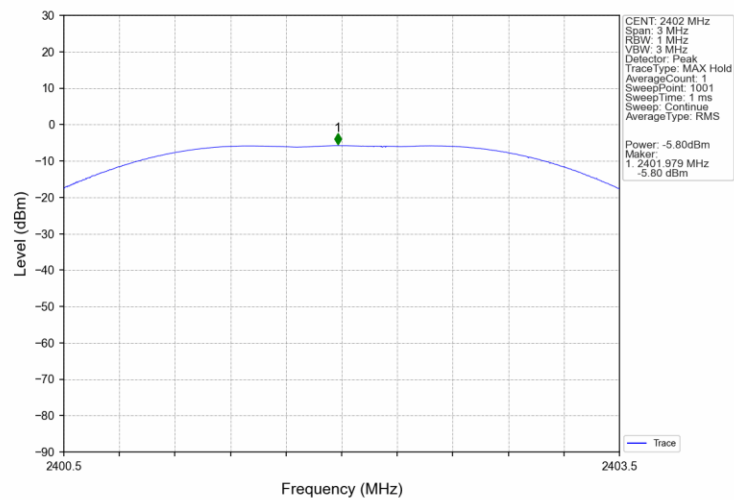
### 3.2.1 Power



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

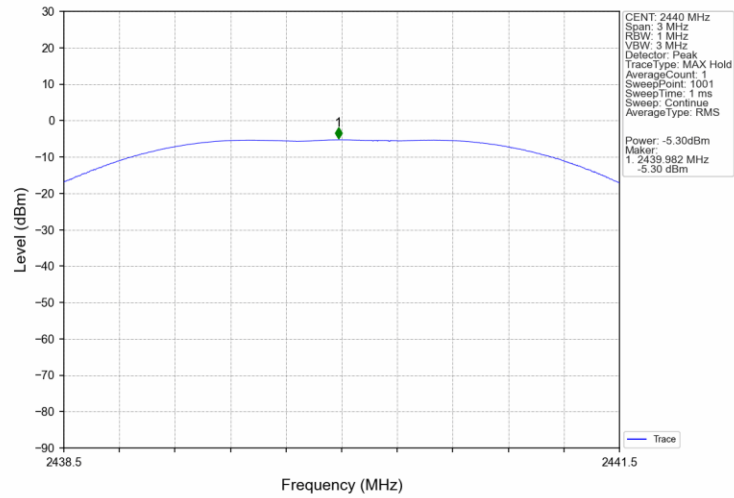


### 2M\_LCH\_2402MHz\_Ant1\_NTNV

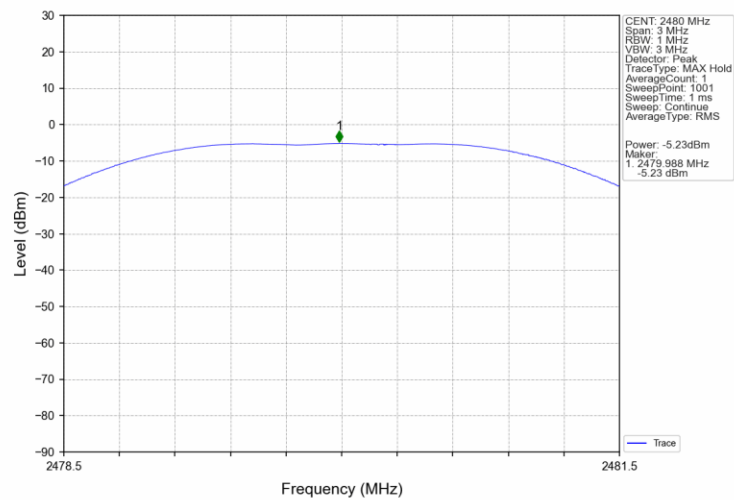




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



## 4. Maximum Power Spectral Density

### 4.1 Test Result

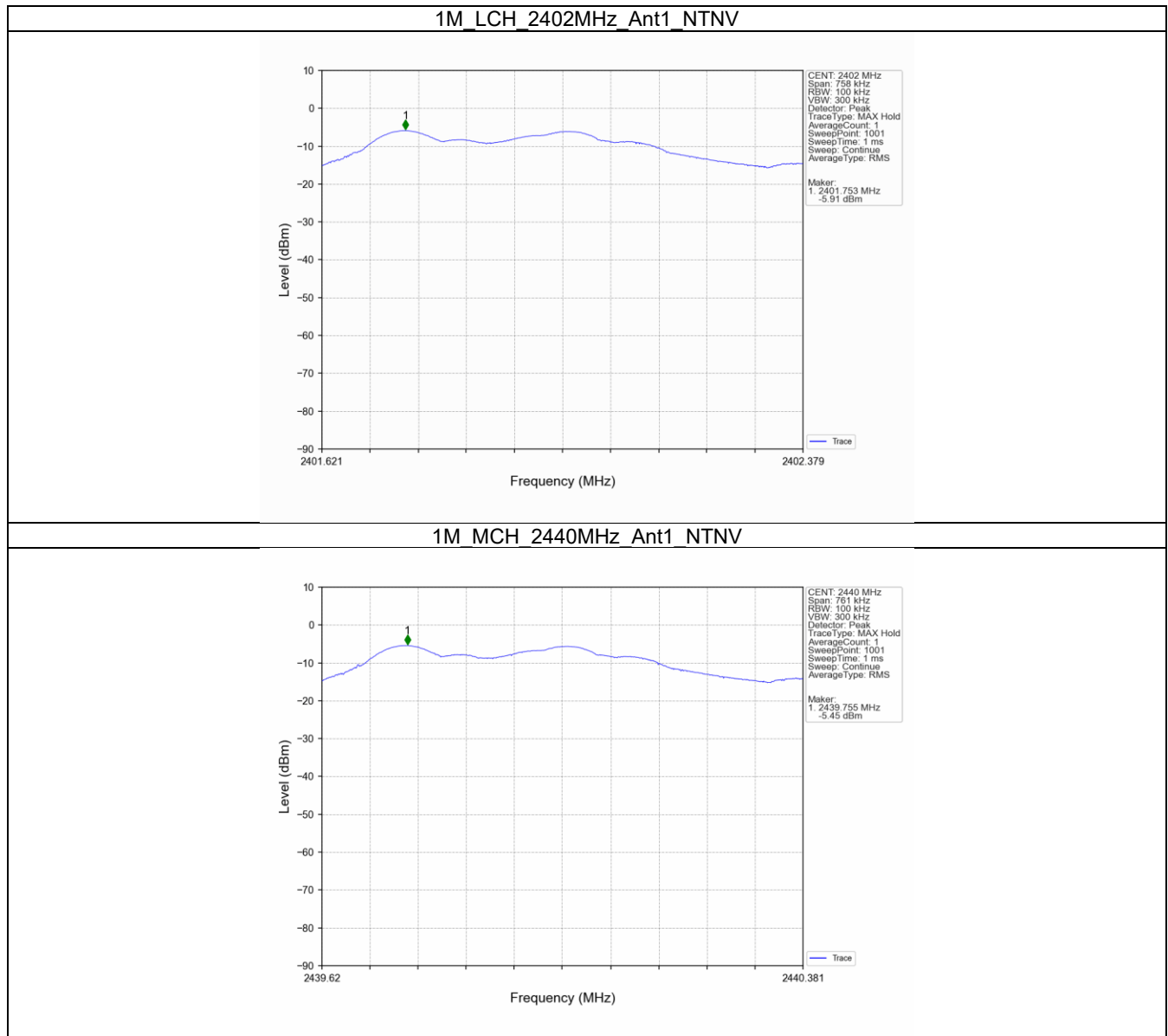
#### 4.1.1 PSD

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm) |       | Verdict |
|------|---------|-----------------|-------------------|-------|---------|
|      |         |                 | ANT1              | Limit |         |
| 1M   | SISO    | 2402            | -5.91             | <=8   | Pass    |
|      |         | 2440            | -5.45             | <=8   | Pass    |
|      |         | 2480            | -5.38             | <=8   | Pass    |
| 2M   | SISO    | 2402            | -6.09             | <=8   | Pass    |
|      |         | 2440            | -5.62             | <=8   | Pass    |
|      |         | 2480            | -5.56             | <=8   | Pass    |

Note1: Antenna Gain: Ant1: 0.00dBi;

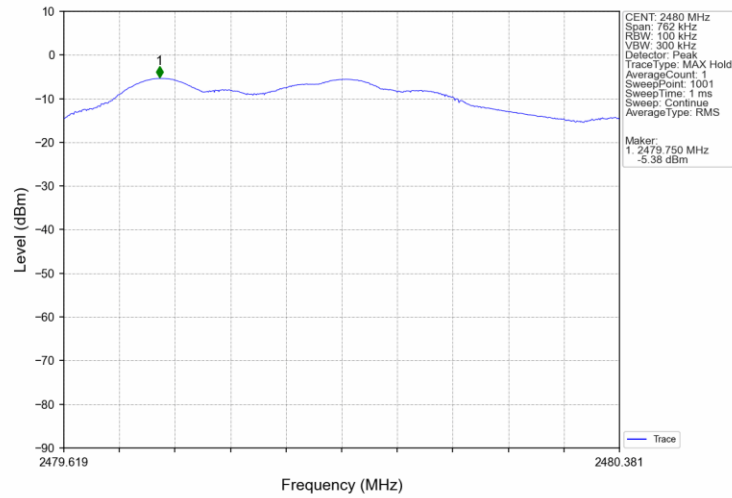
## 4.2 Test Graph

### 4.2.1 PSD

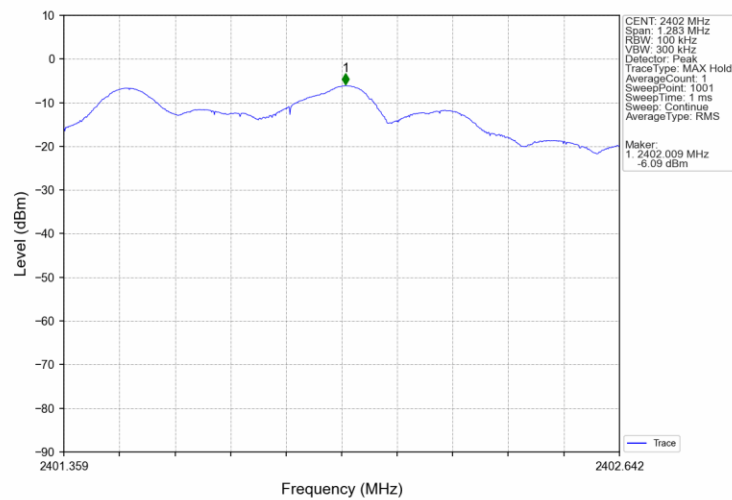




1M\_HCH\_2480MHz\_Ant1\_NTNV

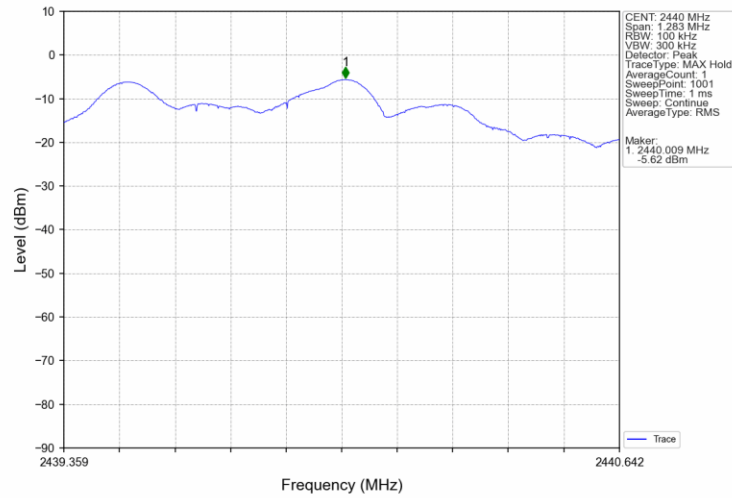


2M\_LCH\_2402MHz\_Ant1\_NTNV

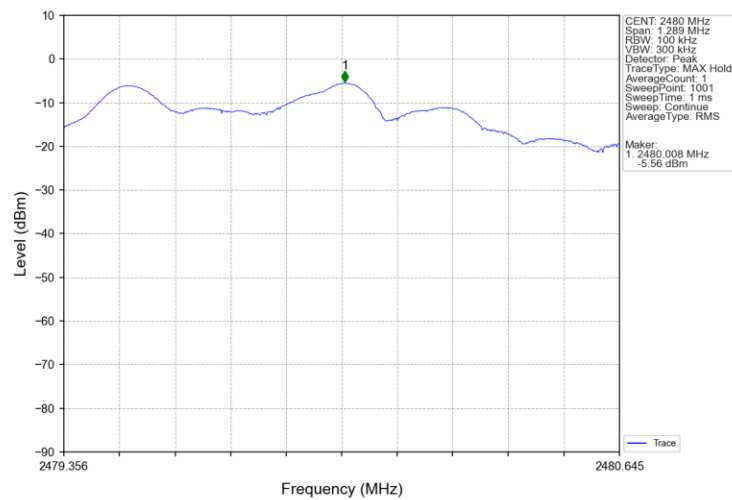




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



## 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) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | -5.92                    |
|      |         | 2440            | 1   | -5.46                    |
|      |         | 2480            | 1   | -5.40                    |
| 2M   | SISO    | 2402            | 1   | -6.09                    |
|      |         | 2440            | 1   | -5.61                    |
|      |         | 2480            | 1   | -5.52                    |

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.

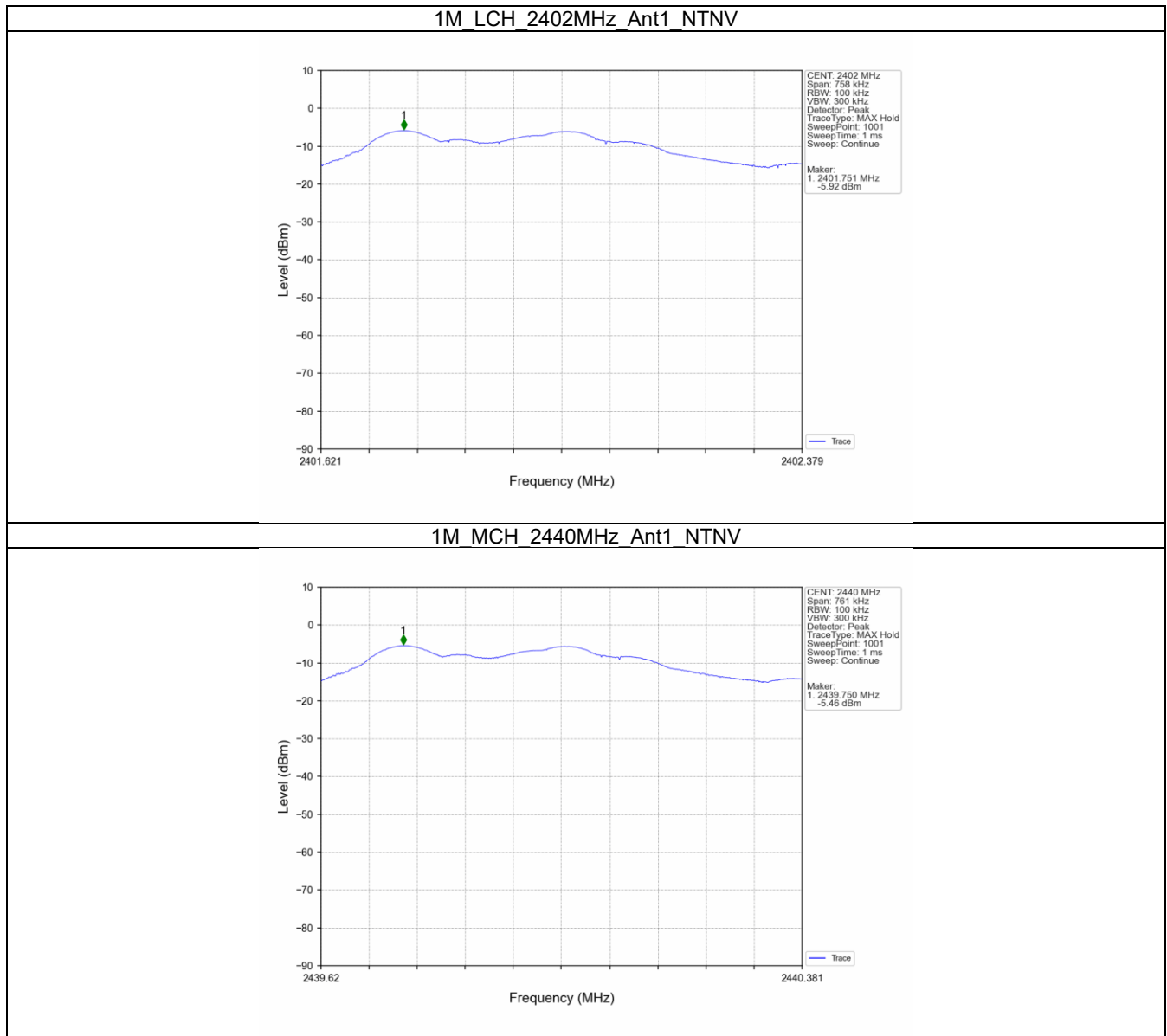
#### 5.1.2 CSE

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M   | SISO    | 2402            | 1   | -5.92                    | -25.92      | Pass    |
|      |         | 2440            | 1   | -5.46                    | -25.46      | Pass    |
|      |         | 2480            | 1   | -5.40                    | -25.40      | Pass    |
| 2M   | SISO    | 2402            | 1   | -6.09                    | -26.09      | Pass    |
|      |         | 2440            | 1   | -5.61                    | -25.61      | Pass    |
|      |         | 2480            | 1   | -5.52                    | -25.52      | 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.

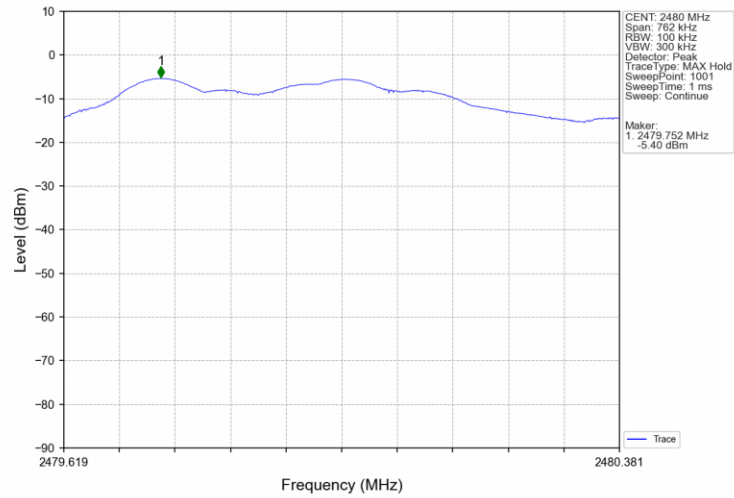
## 5.2 Test Graph

### 5.2.1 Ref

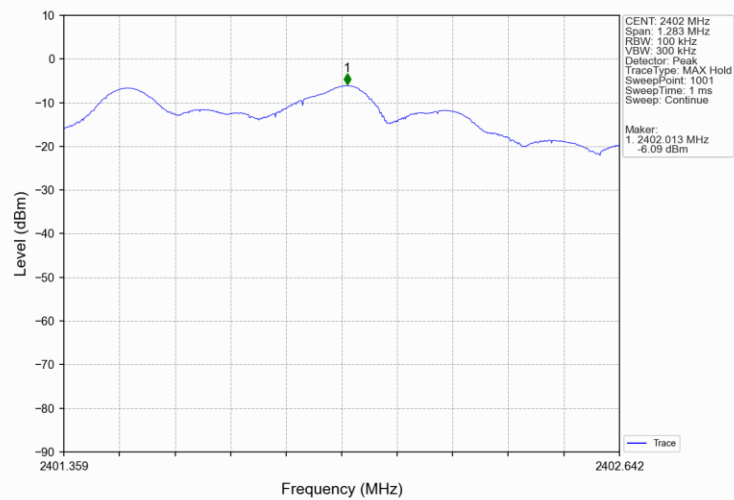




1M\_HCH\_2480MHz\_Ant1\_NTNV

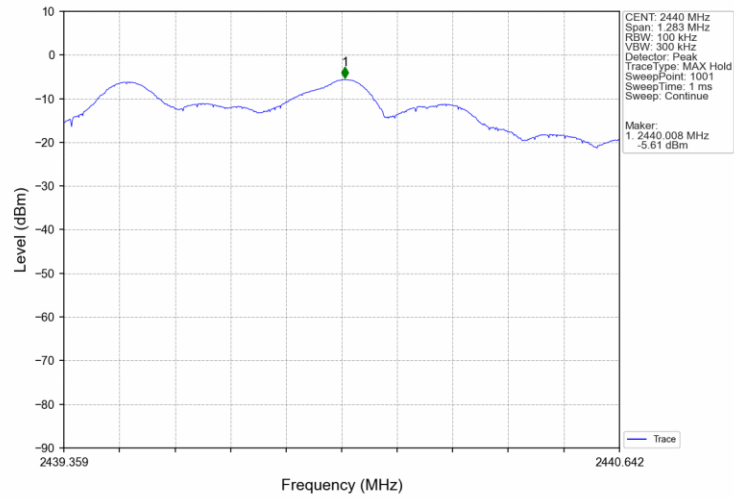


2M\_LCH\_2402MHz\_Ant1\_NTNV

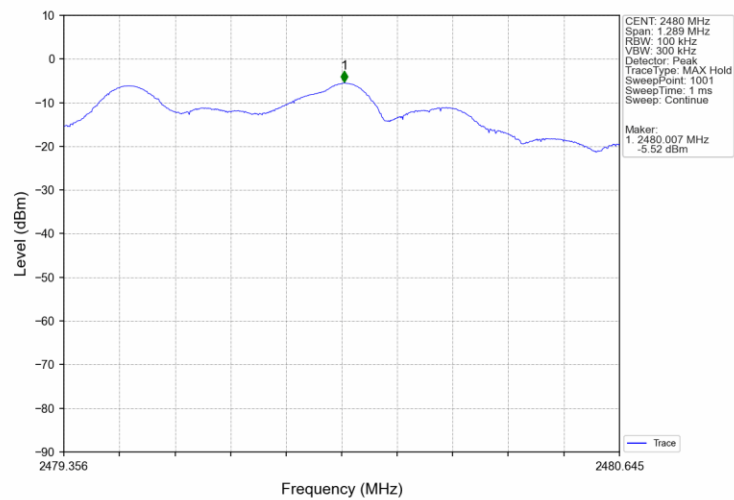




2M\_MCH\_2440MHz\_Ant1\_NTNV

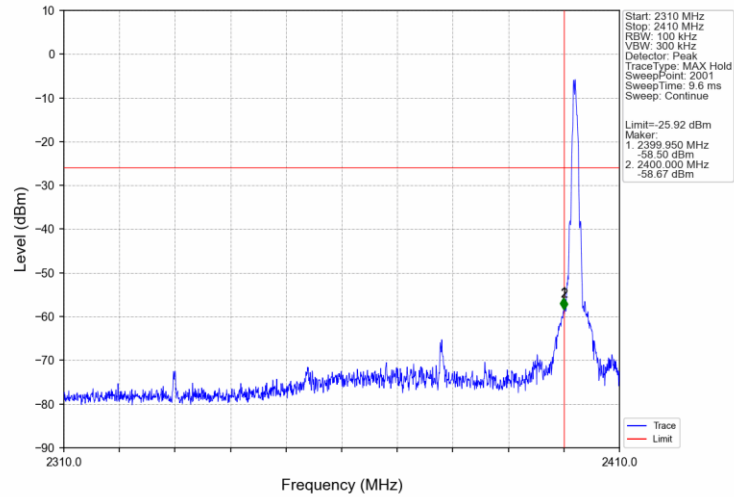


2M\_HCH\_2480MHz\_Ant1\_NTNV

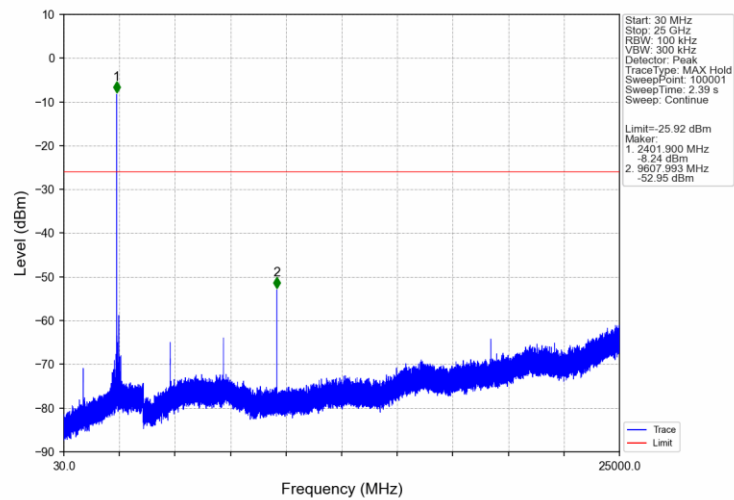


### 5.2.2 CSE

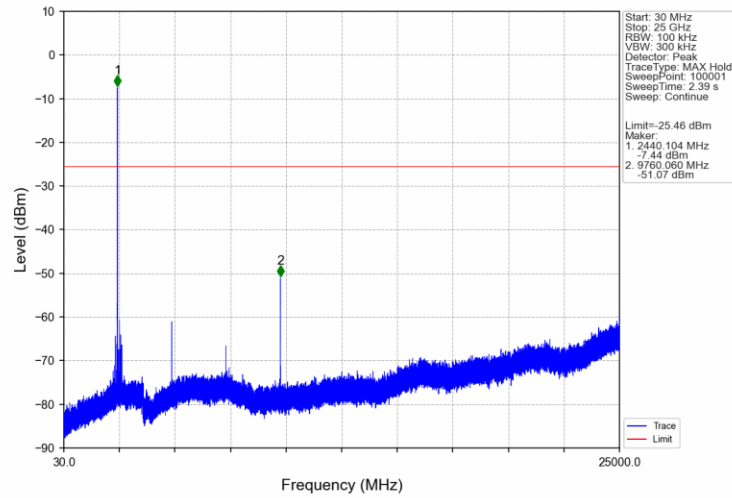
1M\_LCH\_2402MHz\_Ant1\_NTNV



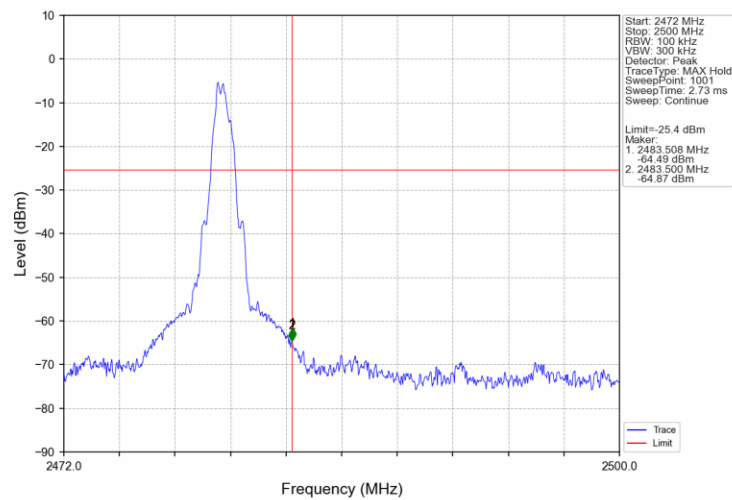
1M\_LCH\_2402MHz\_Ant1\_NTNV



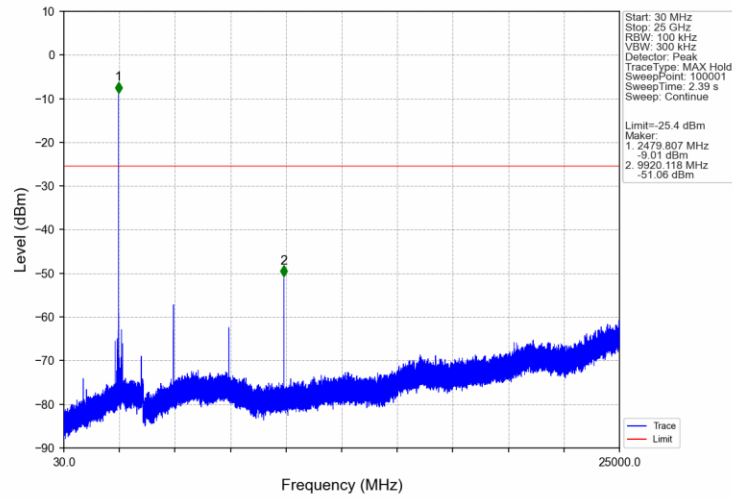
## 1M\_MCH\_2440MHz\_Ant1\_NTNV



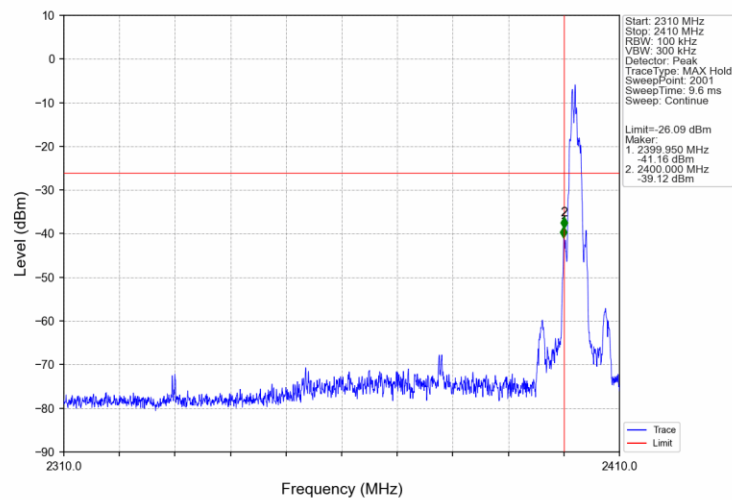
## 1M\_HCH\_2480MHz\_Ant1\_NTNV



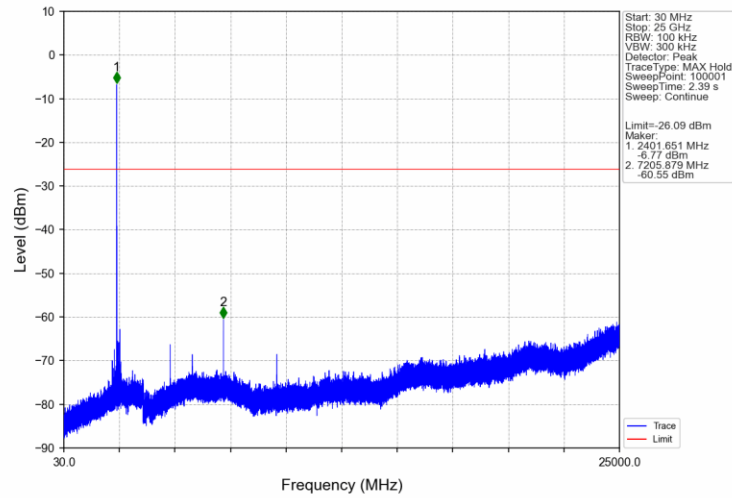
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



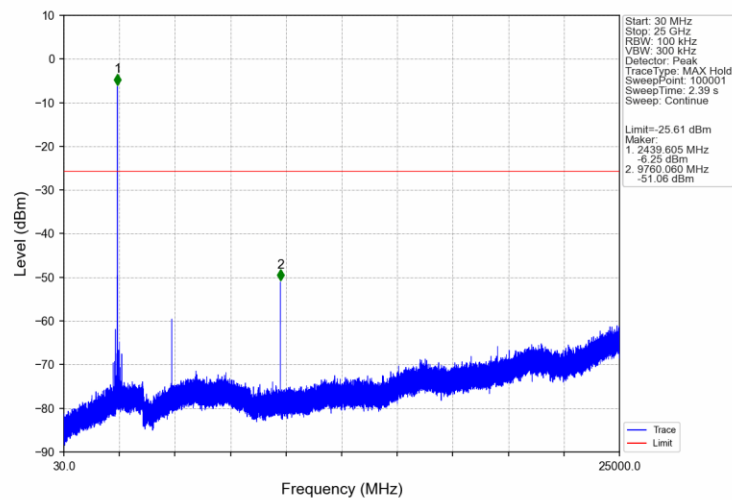
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



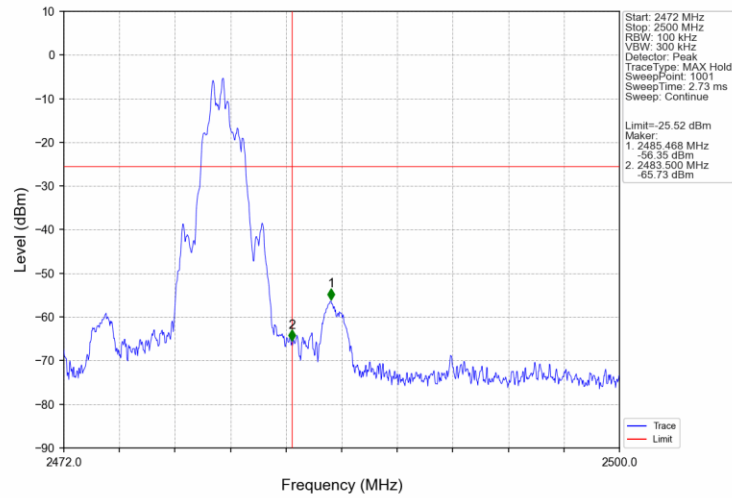
## 2M\_LCH\_2402MHz\_Ant1\_NTNV



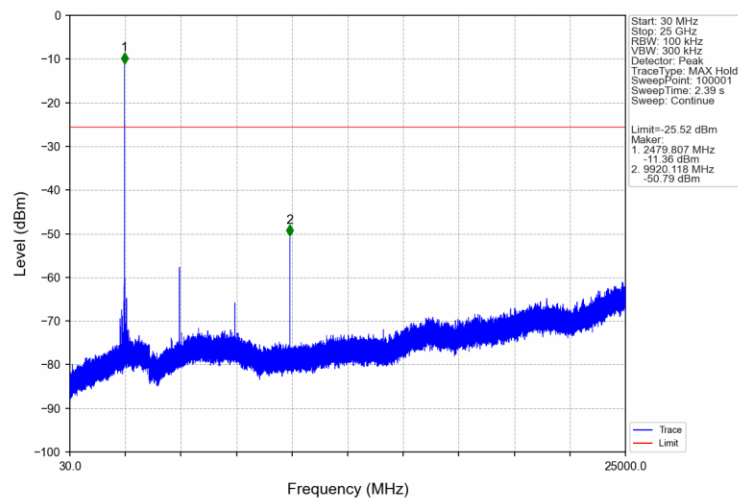
## 2M\_MCH\_2440MHz\_Ant1\_NTNV



## 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            | 0.0003        | -5.23           |