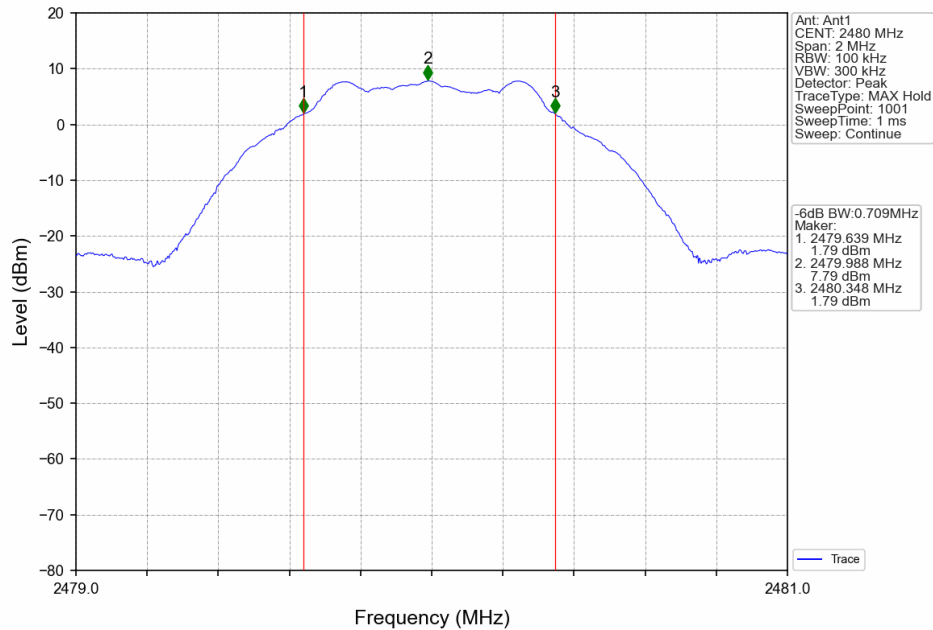
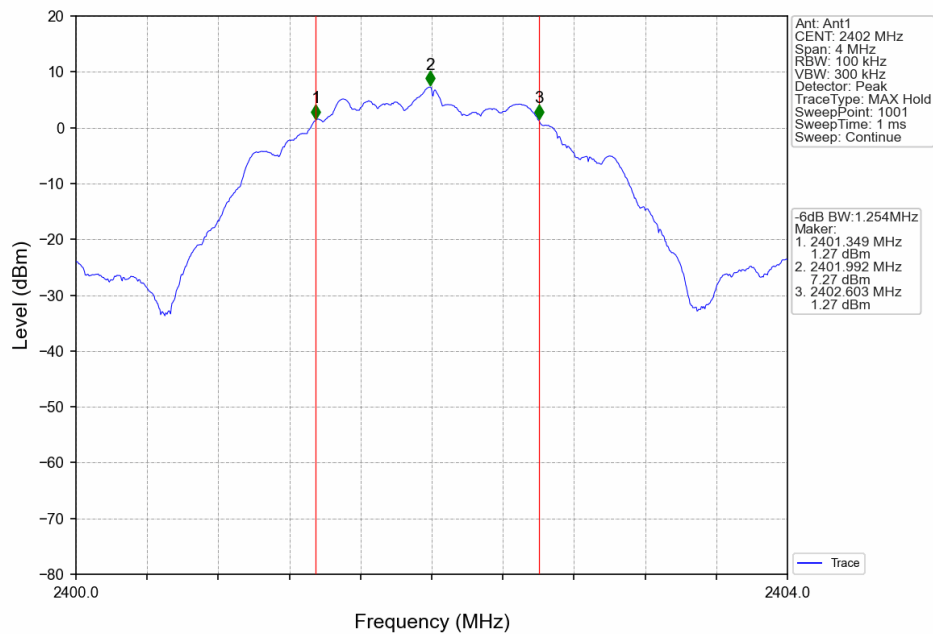


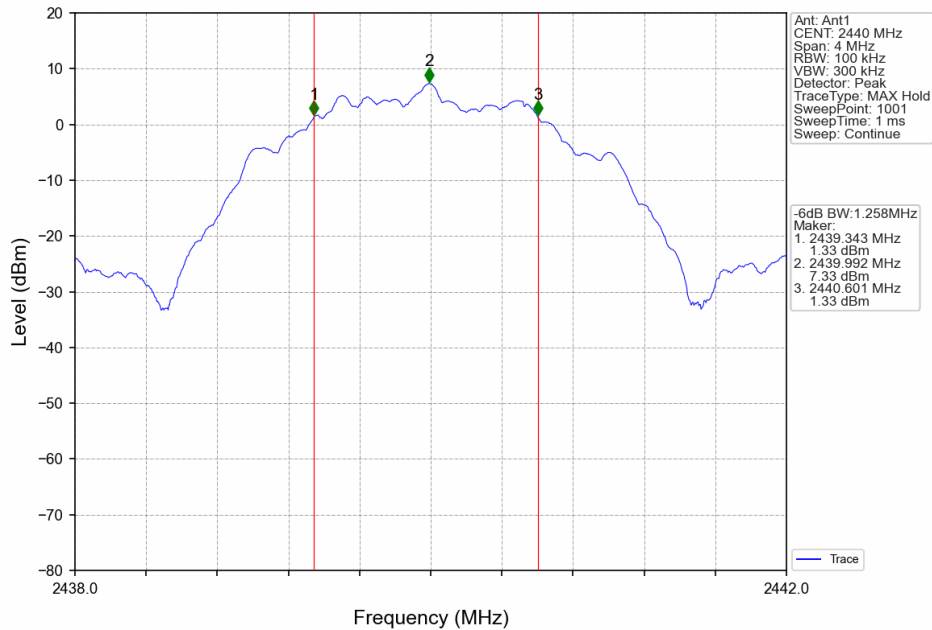
1M\_HCH\_2480MHz\_Ant1\_NTNV



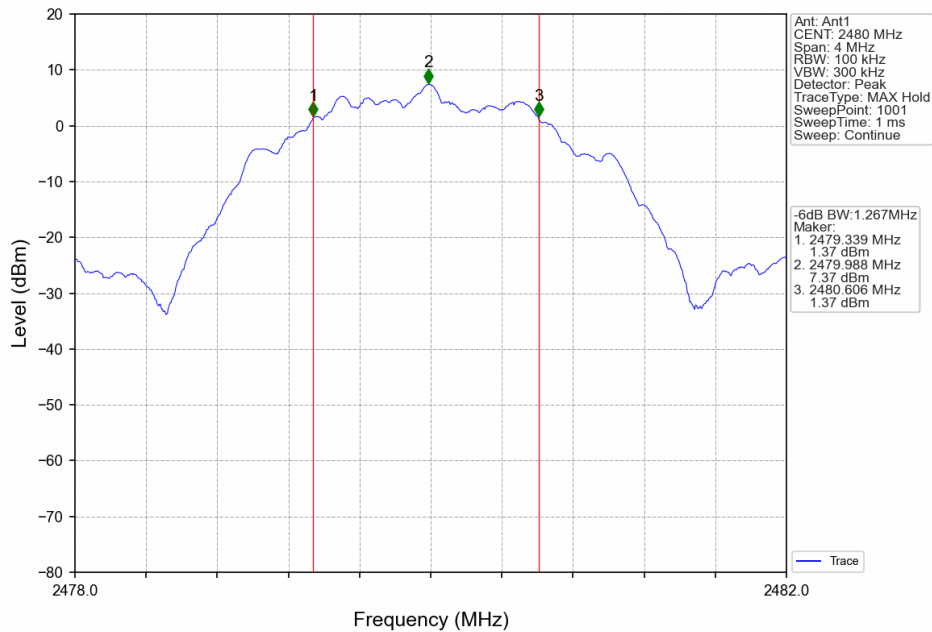
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

#### 3.1 Power

##### 3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|------|---------|-----------------|-------------------------------------------|-------|---------|
|      |         |                 | ANT1                                      | Limit |         |
| 1M   | SISO    | 2402            | 8.51                                      | <=30  | Pass    |
|      |         | 2440            | 8.54                                      | <=30  | Pass    |
|      |         | 2480            | 8.62                                      | <=30  | Pass    |
| 2M   | SISO    | 2402            | 8.54                                      | <=30  | Pass    |
|      |         | 2440            | 8.57                                      | <=30  | Pass    |
|      |         | 2480            | 8.65                                      | <=30  | Pass    |

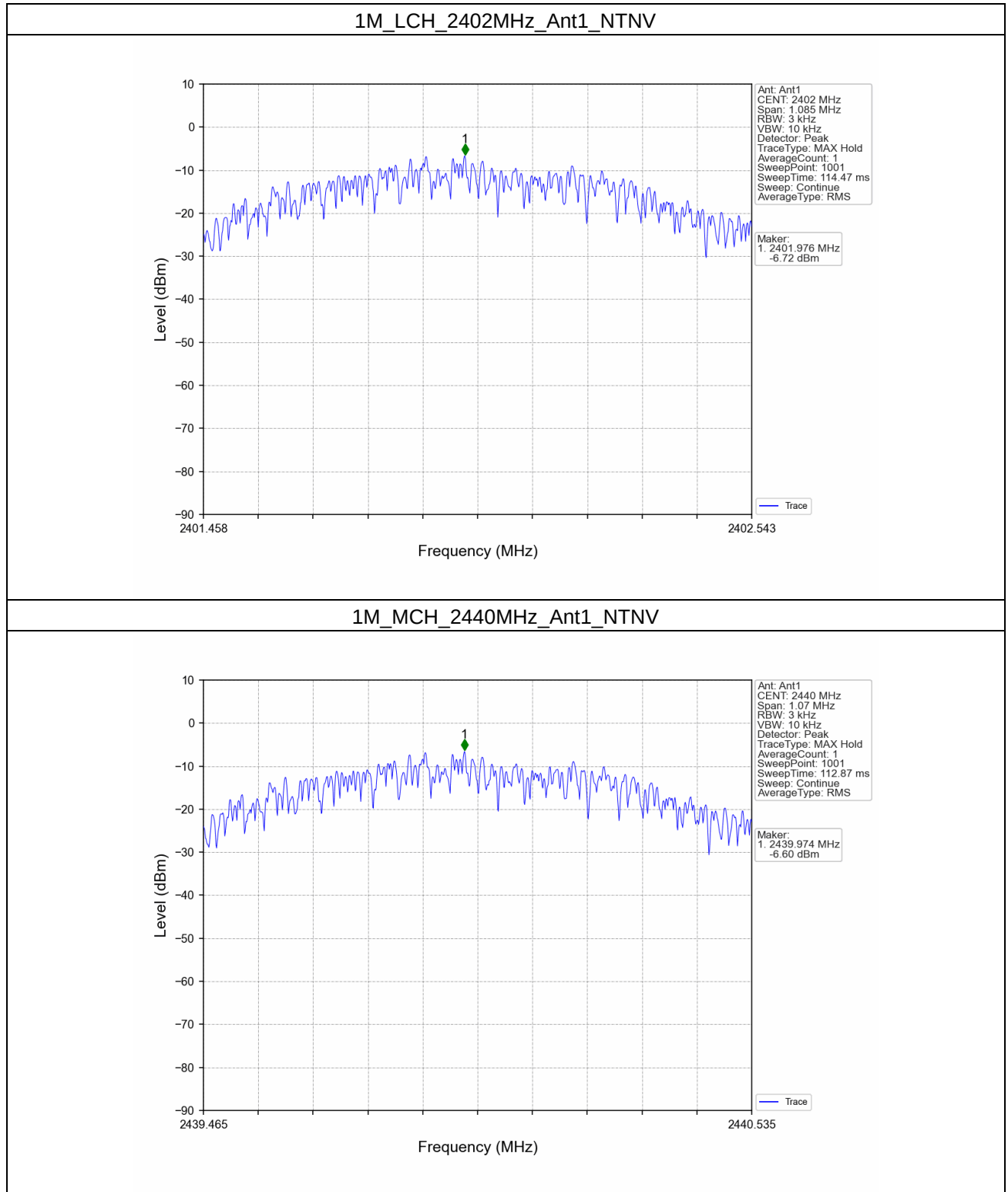
## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

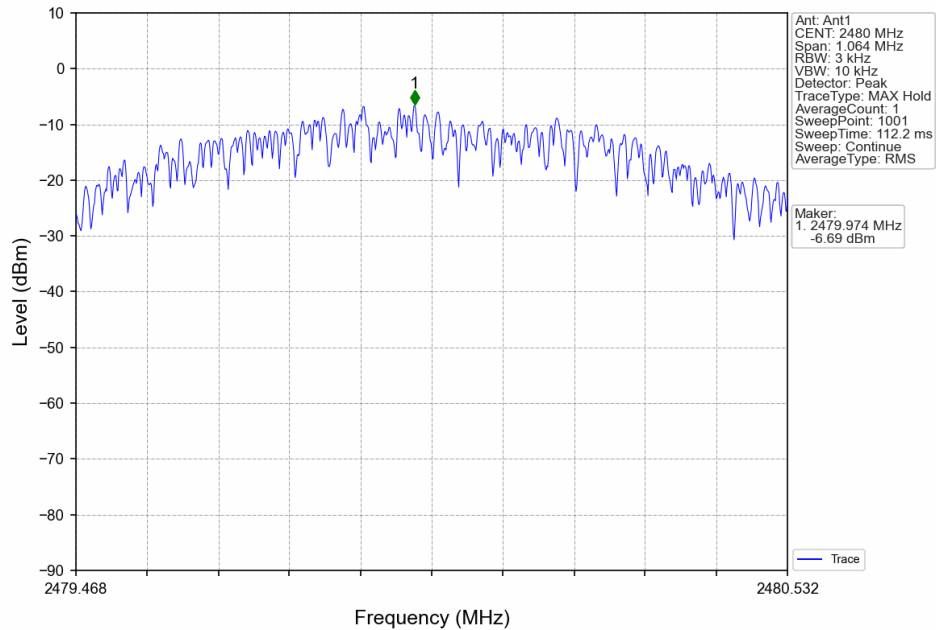
| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
|      |         |                 | ANT1                   | Limit |         |
| 1M   | SISO    | 2402            | -6.72                  | <=8   | Pass    |
|      |         | 2440            | -6.60                  | <=8   | Pass    |
|      |         | 2480            | -6.69                  | <=8   | Pass    |
| 2M   | SISO    | 2402            | -8.95                  | <=8   | Pass    |
|      |         | 2440            | -8.94                  | <=8   | Pass    |
|      |         | 2480            | -8.83                  | <=8   | Pass    |

## 4.1.2 Test Graph

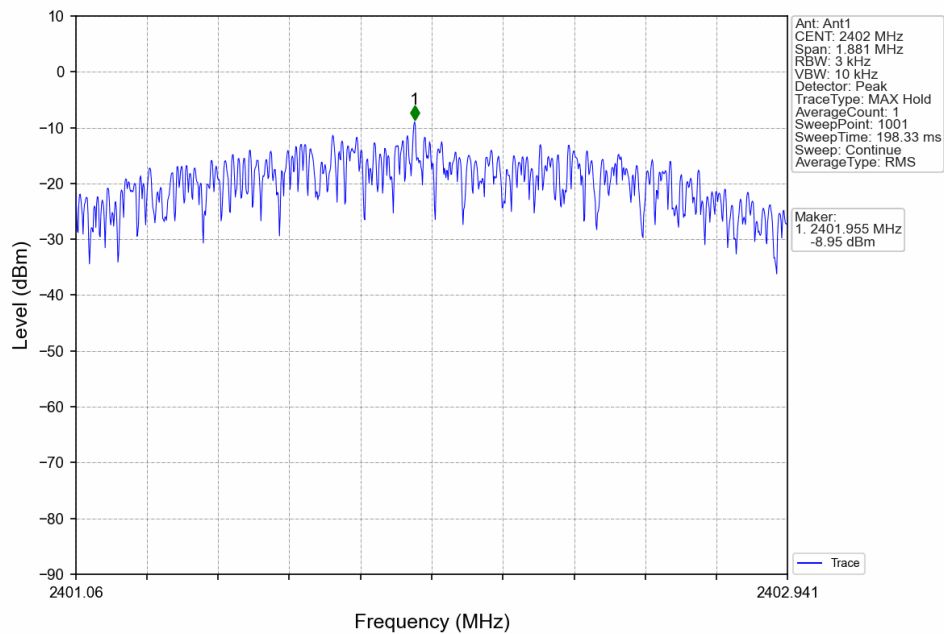




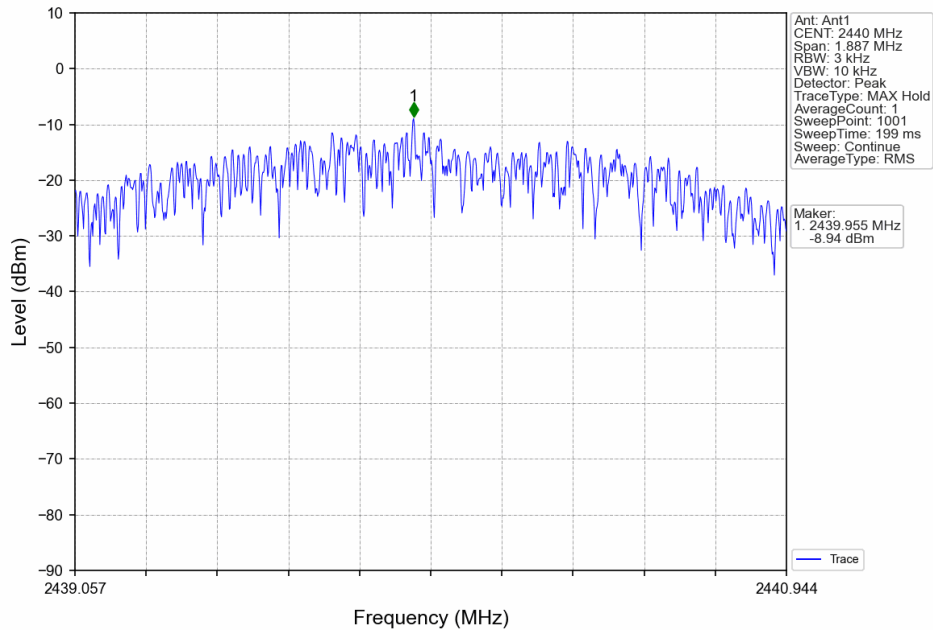
1M\_HCH\_2480MHz\_Ant1\_NTNV



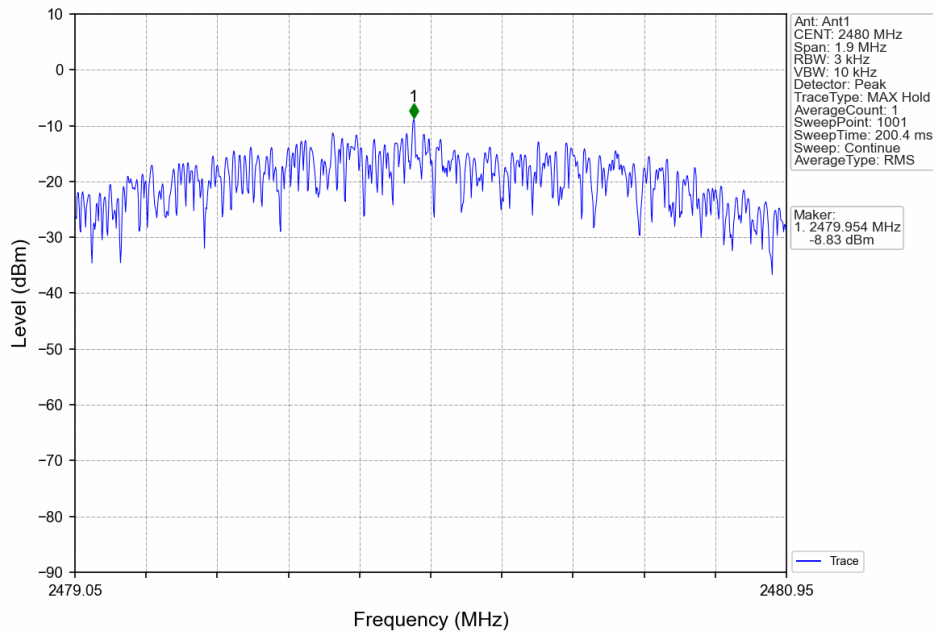
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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

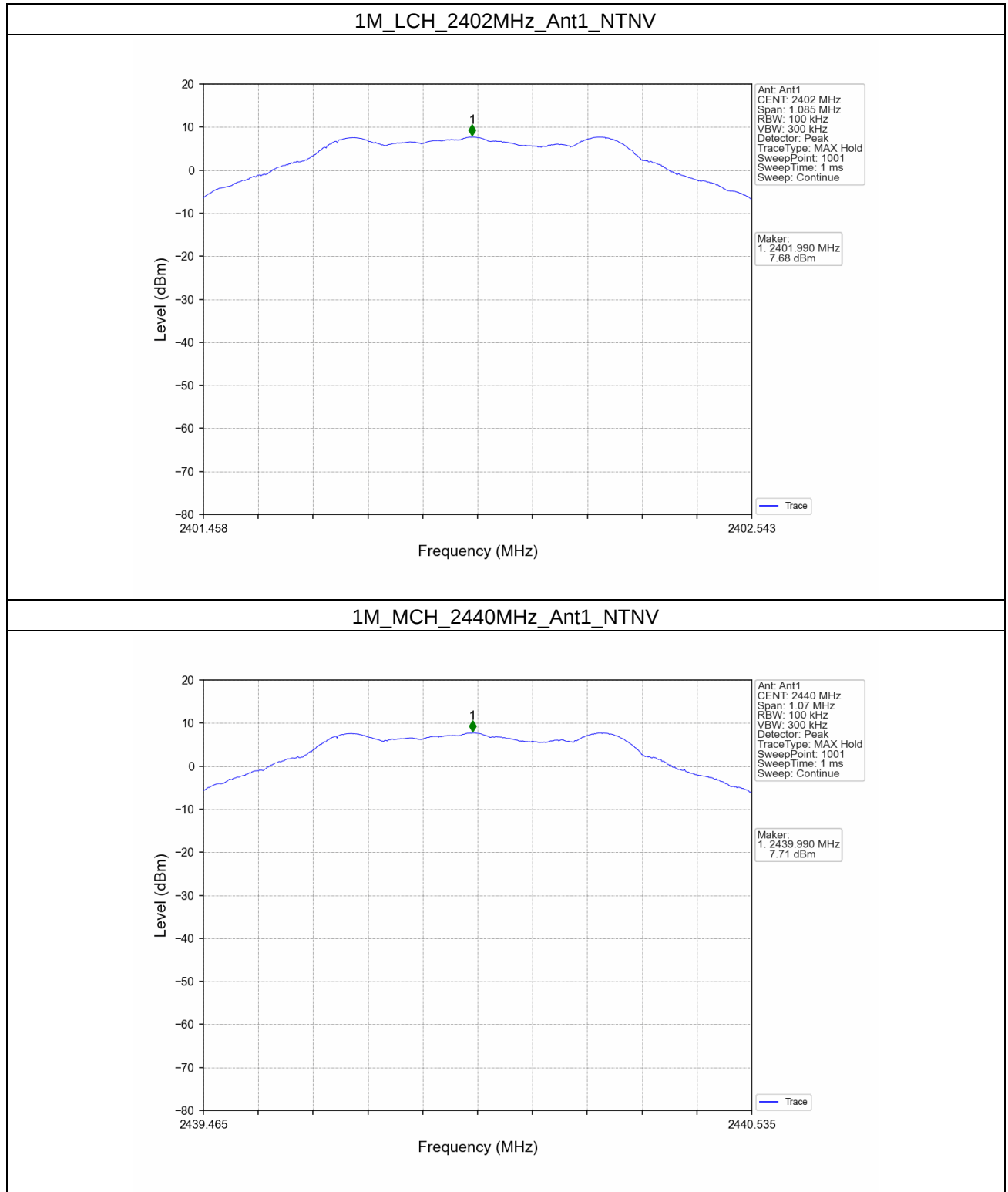
### 5.1 Ref

#### 5.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | 7.68                     |
|      |         | 2440            | 1   | 7.71                     |
|      |         | 2480            | 1   | 7.79                     |
| 2M   | SISO    | 2402            | 1   | 7.33                     |
|      |         | 2440            | 1   | 7.35                     |
|      |         | 2480            | 1   | 7.42                     |

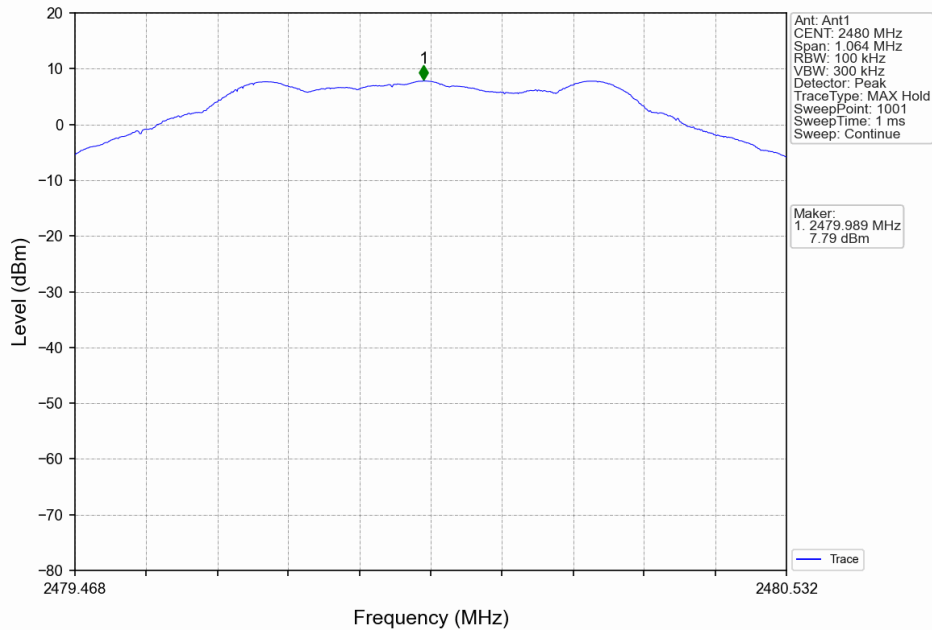


### 5.1.2 Test Graph

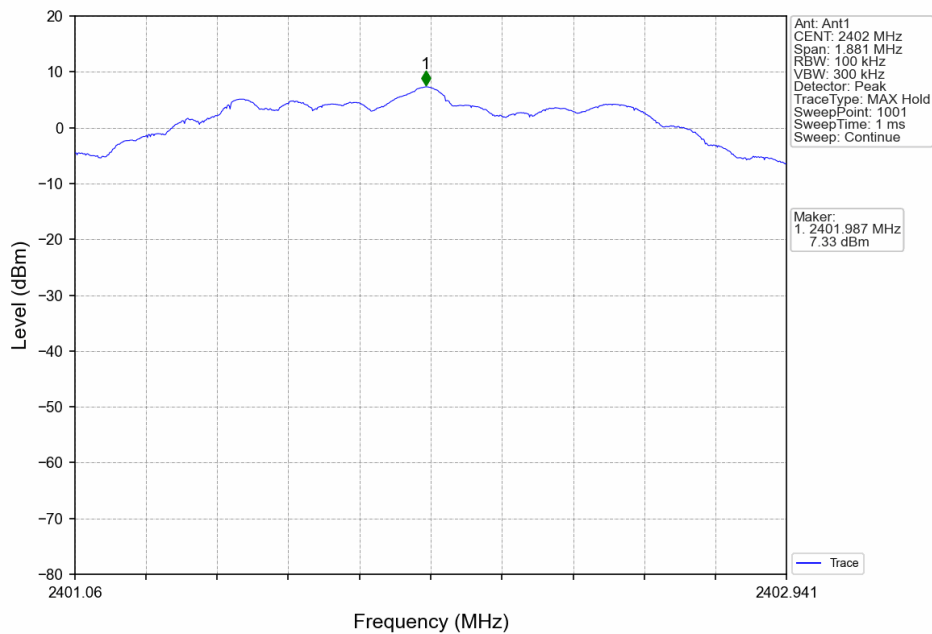


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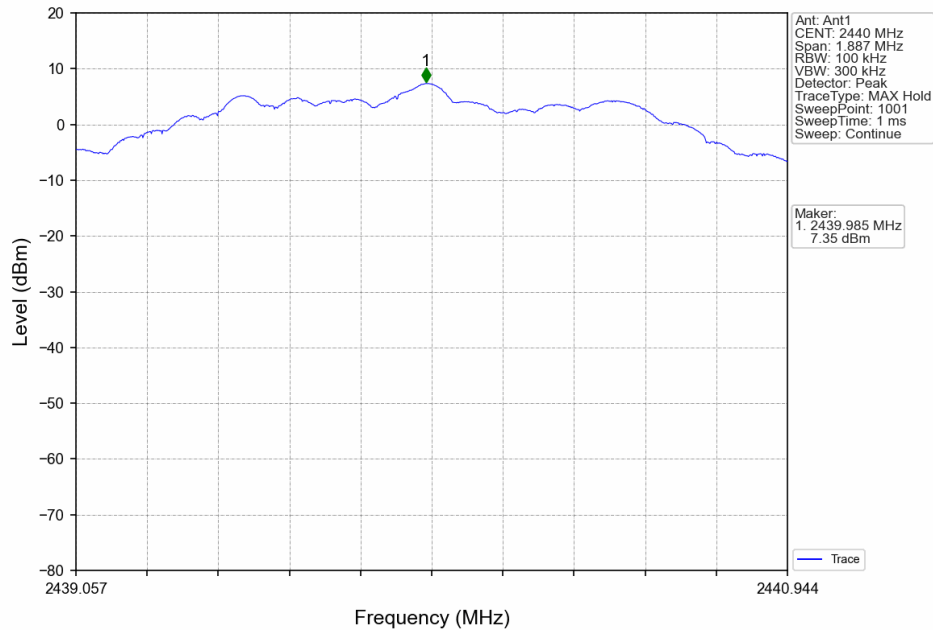
1M\_HCH\_2480MHz\_Ant1\_NTNV



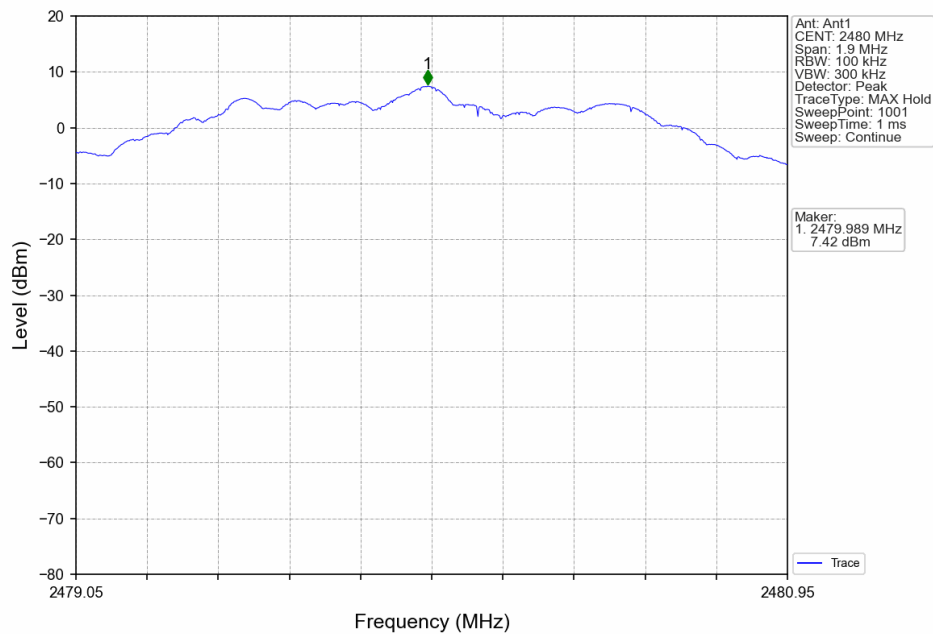
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

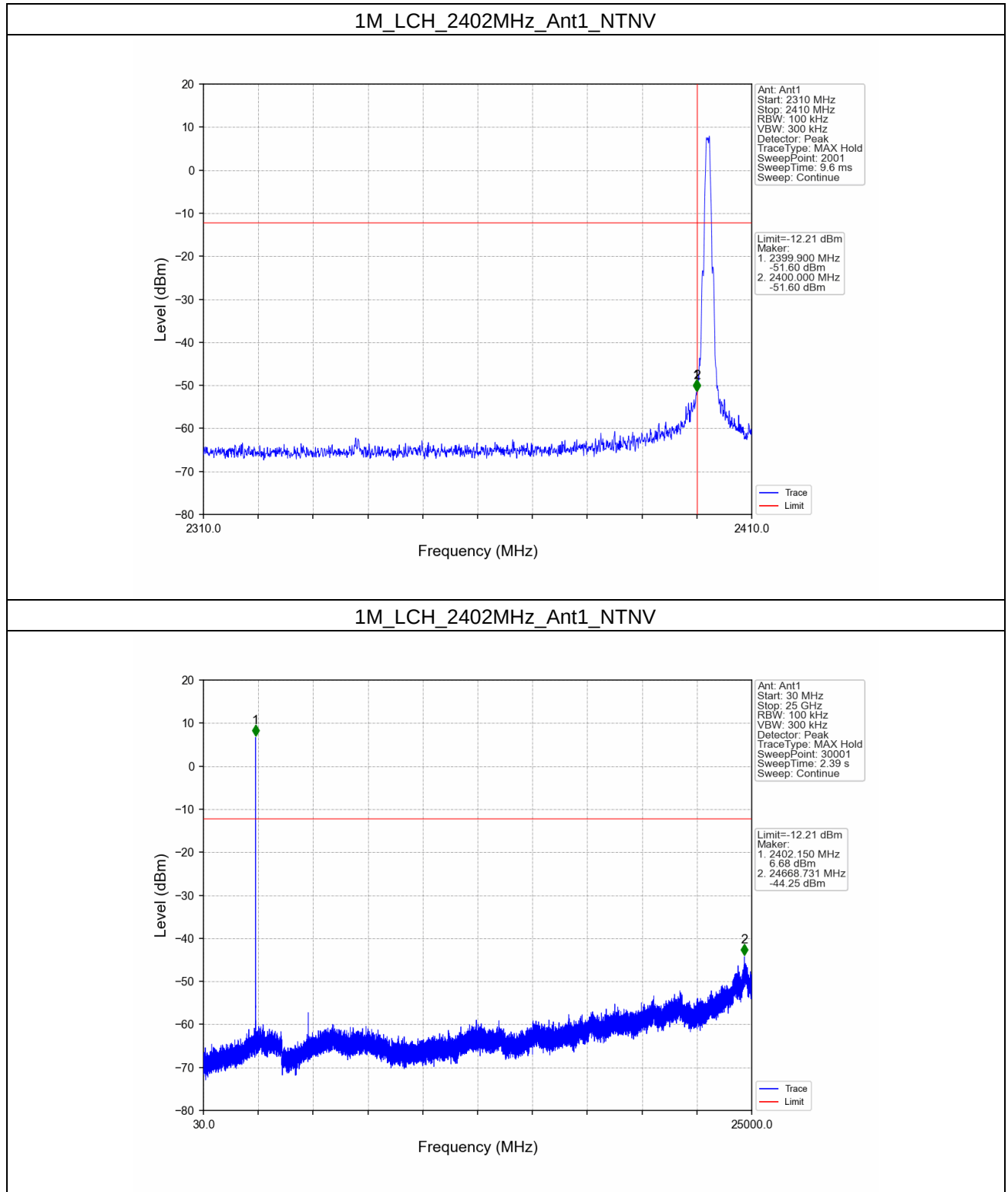


## 5.2 CSE

## 5.2.1 Test Result

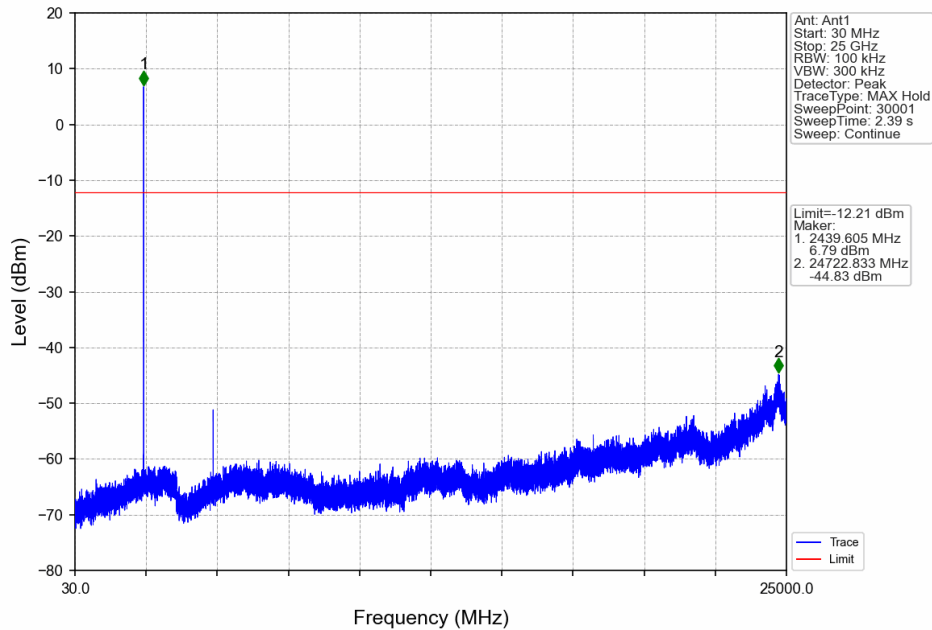
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M   | SISO    | 2402            | 1   | 7.79                     | -12.21      | Pass    |
|      |         | 2440            | 1   | 7.79                     | -12.21      | Pass    |
|      |         | 2480            | 1   | 7.79                     | -12.21      | Pass    |
| 2M   | SISO    | 2402            | 1   | 7.42                     | -12.58      | Pass    |
|      |         | 2440            | 1   | 7.42                     | -12.58      | Pass    |
|      |         | 2480            | 1   | 7.42                     | -12.58      | Pass    |

## 5.2.2 Test Graph

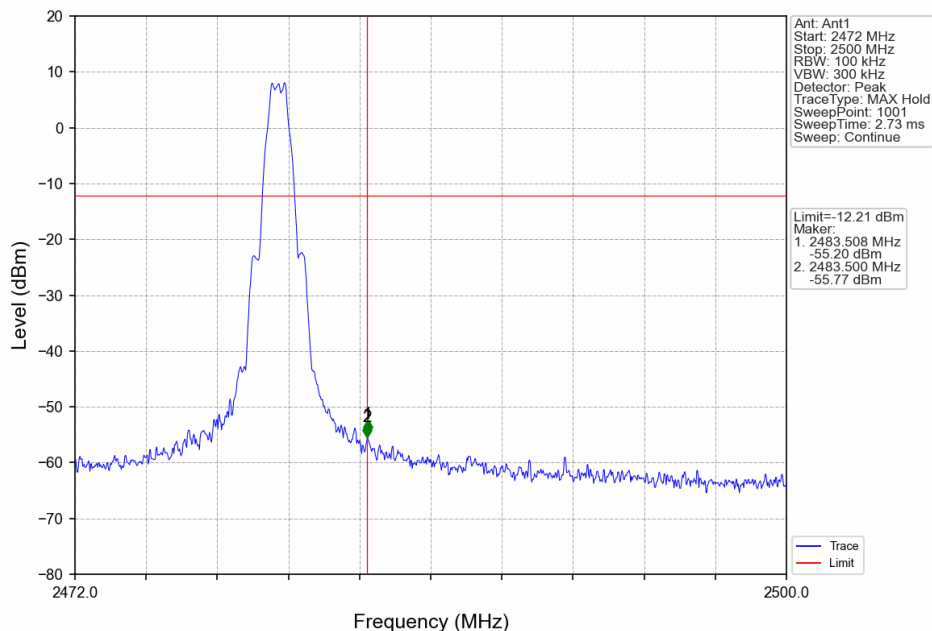




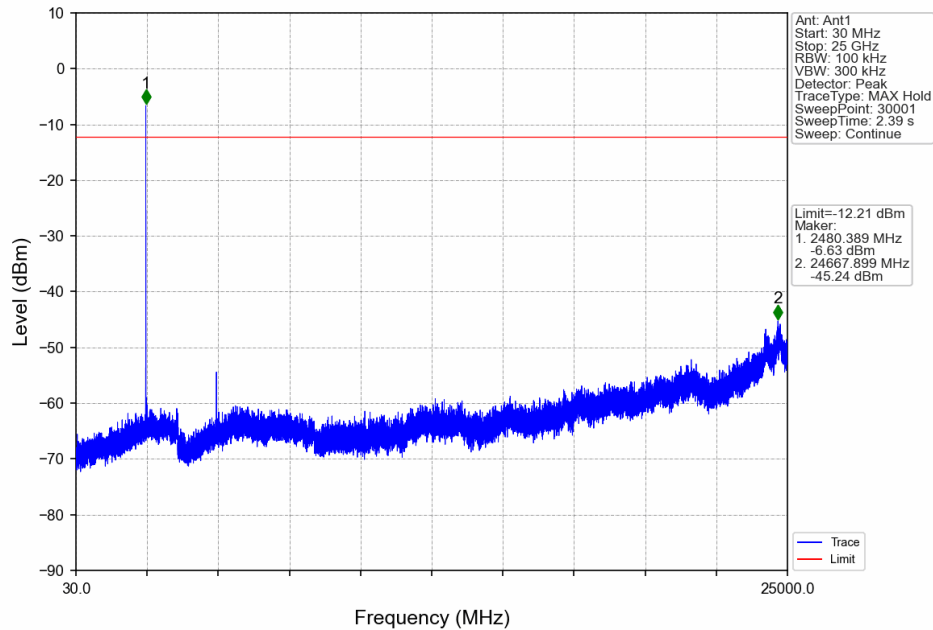
### 1M\_MCH\_2440MHz\_Ant1\_NTNV



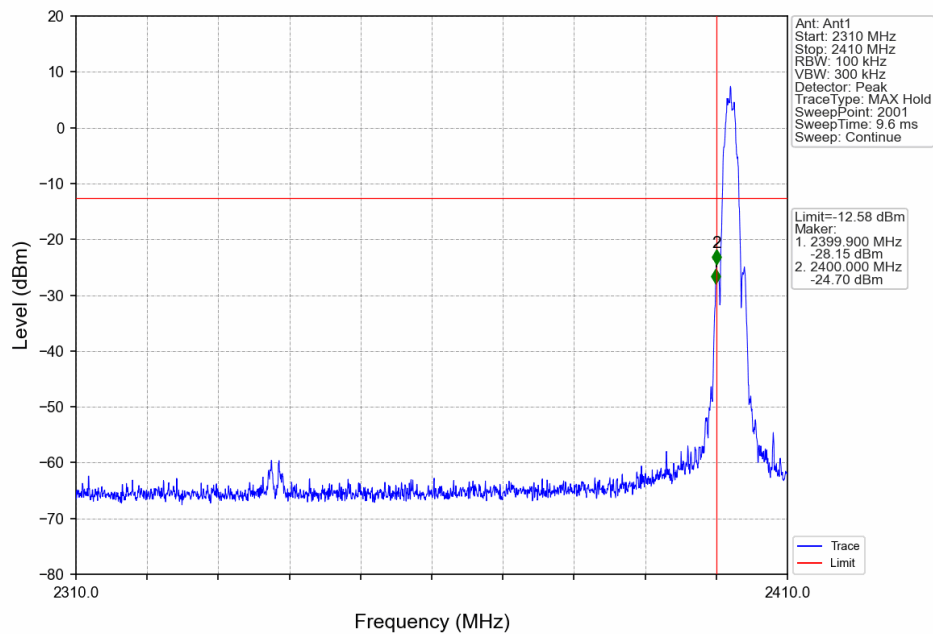
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



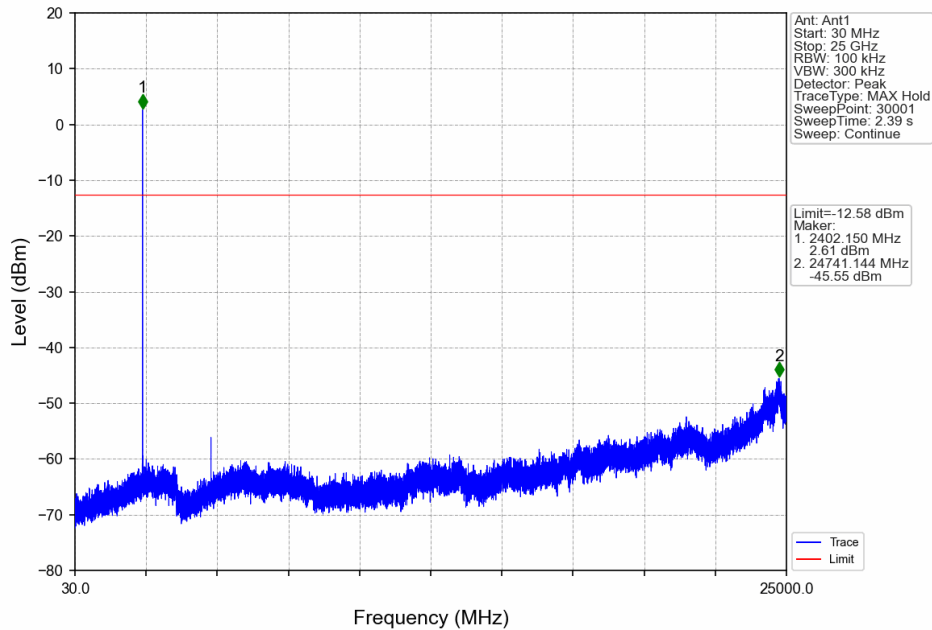
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



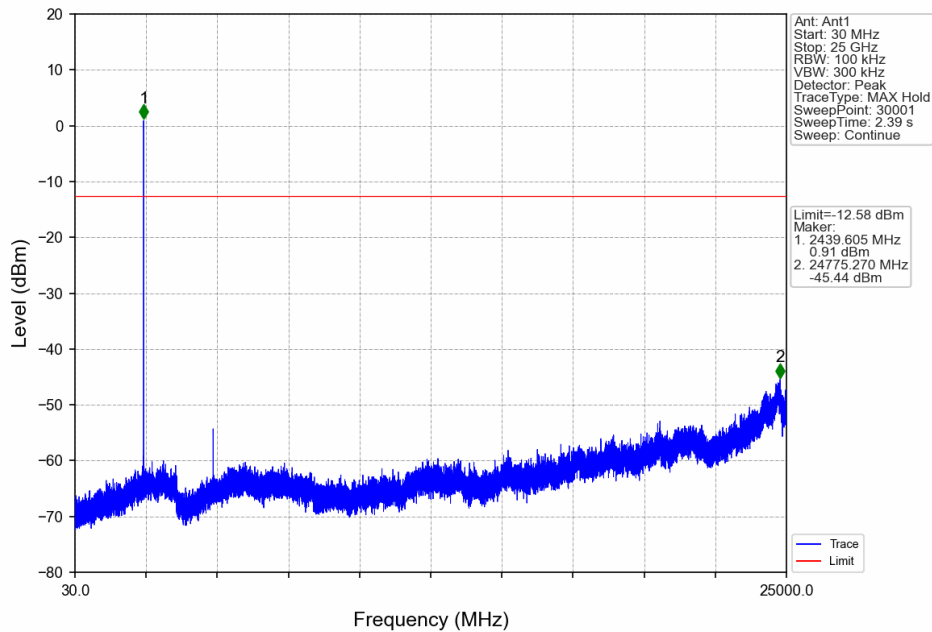
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_LCH\_2402MHz\_Ant1\_NTNV

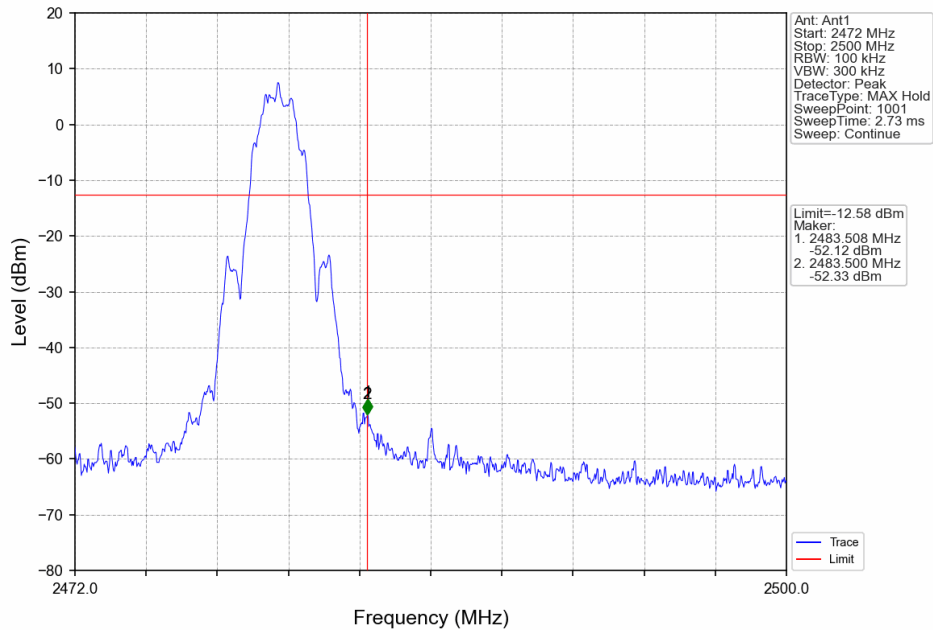


2M\_MCH\_2440MHz\_Ant1\_NTNV

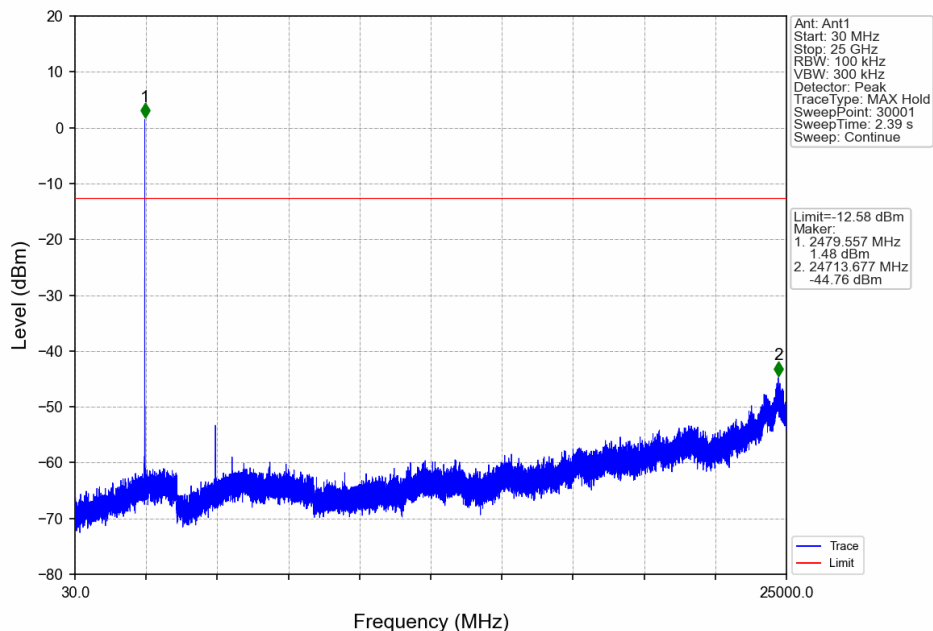


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### 2M\_HCH\_2480MHz\_Ant1\_NTNV



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



For left earbud:

## 1. Duty Cycle

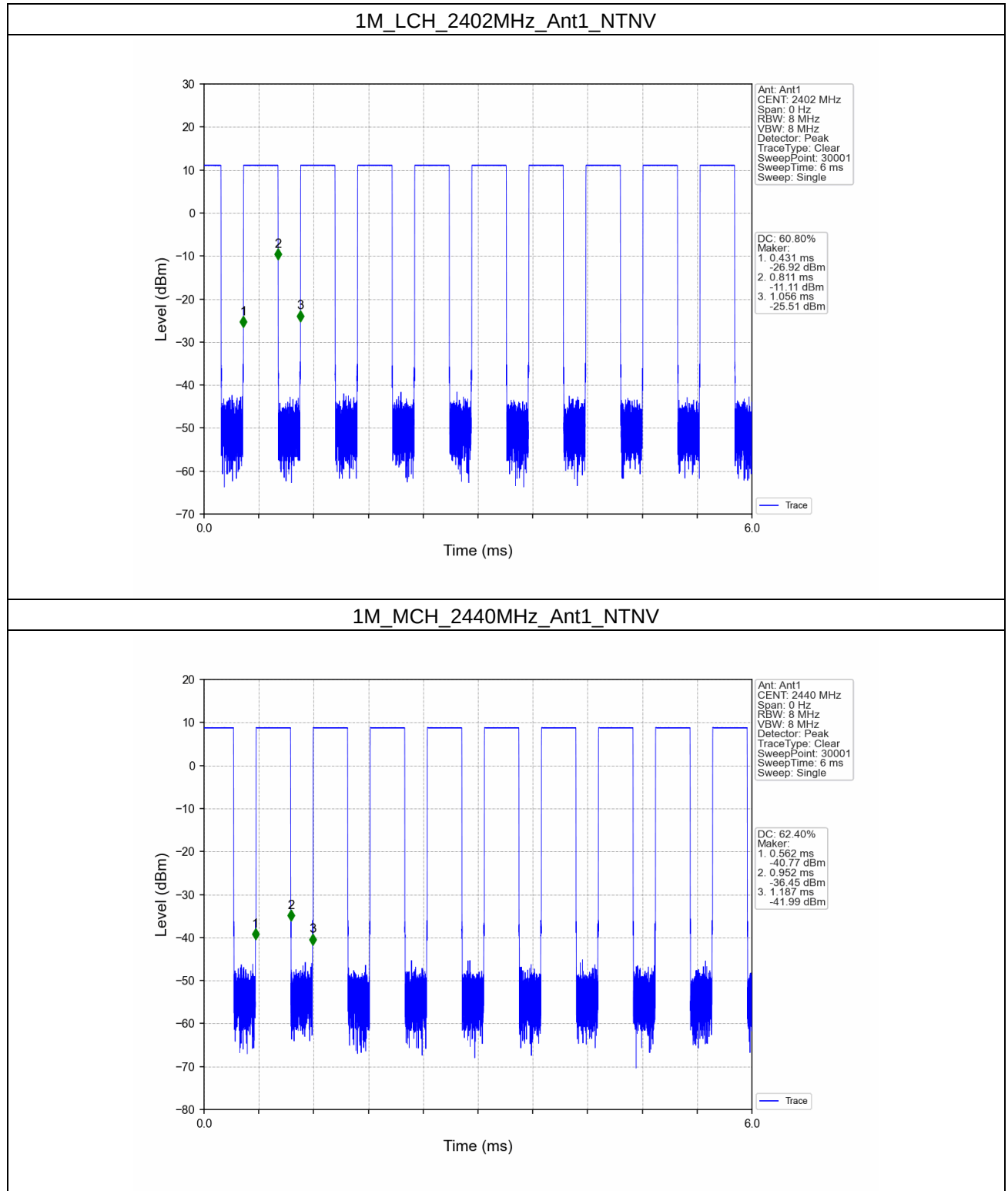
## 1.1 Ant1

## 1.1.1 Test Result

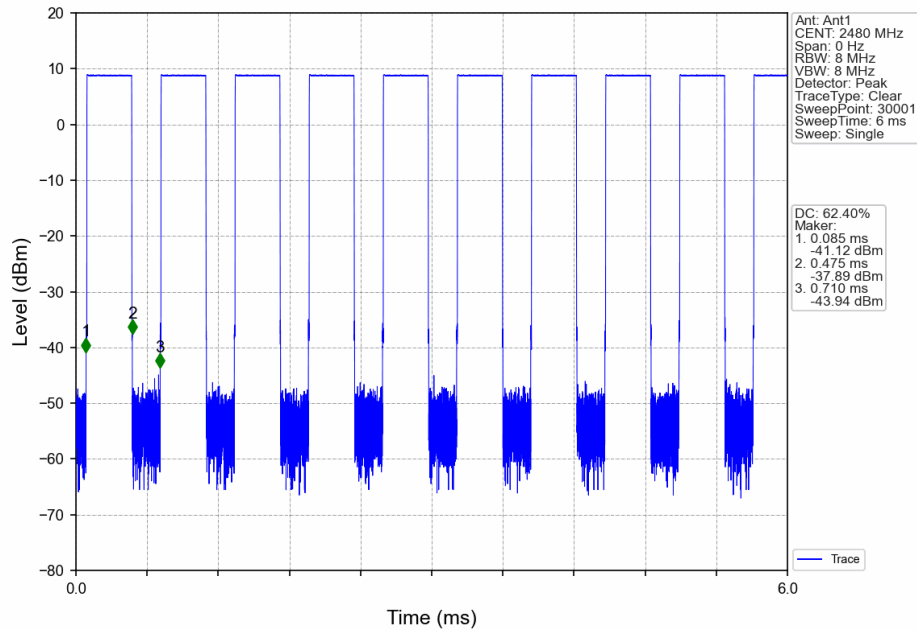
| Ant1 |         |                 |           |             |                |                                   |                       |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M   | SISO    | 2402            | 0.380     | 0.625       | 60.80          | 2.16                              | 0.03                  |
|      |         | 2440            | 0.390     | 0.625       | 62.40          | 2.05                              | 0.00                  |
|      |         | 2480            | 0.390     | 0.625       | 62.40          | 2.05                              | 0.00                  |
| 2M   | SISO    | 2402            | 0.206     | 0.625       | 32.96          | 4.82                              | 0.03                  |
|      |         | 2440            | 0.194     | 0.625       | 31.04          | 5.08                              | 0.03                  |
|      |         | 2480            | 0.206     | 0.625       | 32.96          | 4.82                              | 0.04                  |



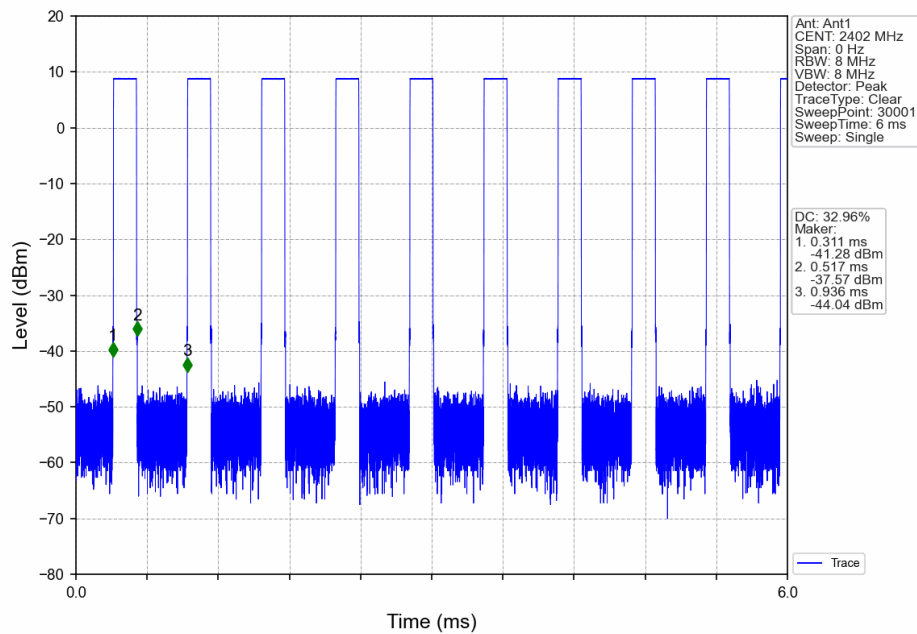
## 1.1.2 Test Graph



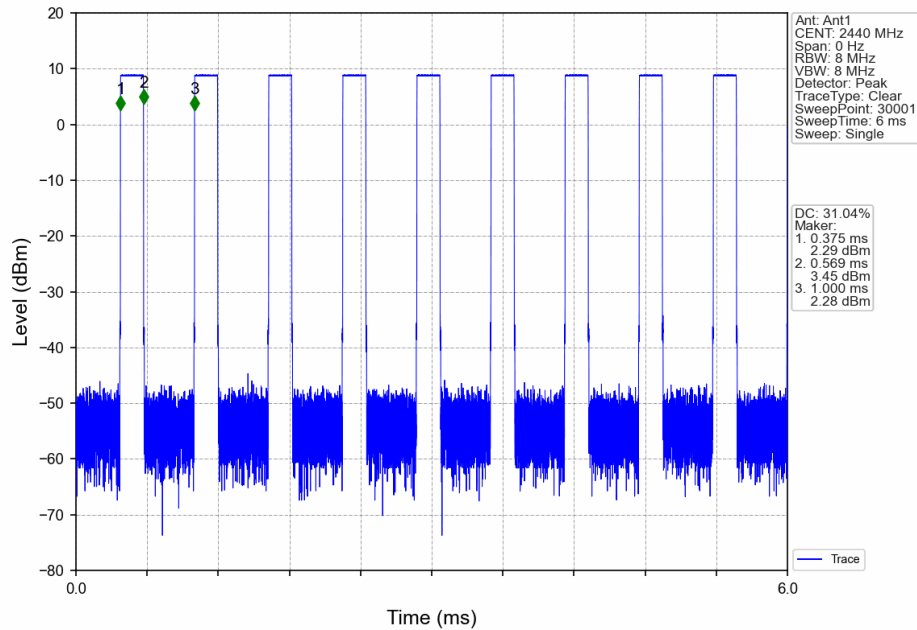
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



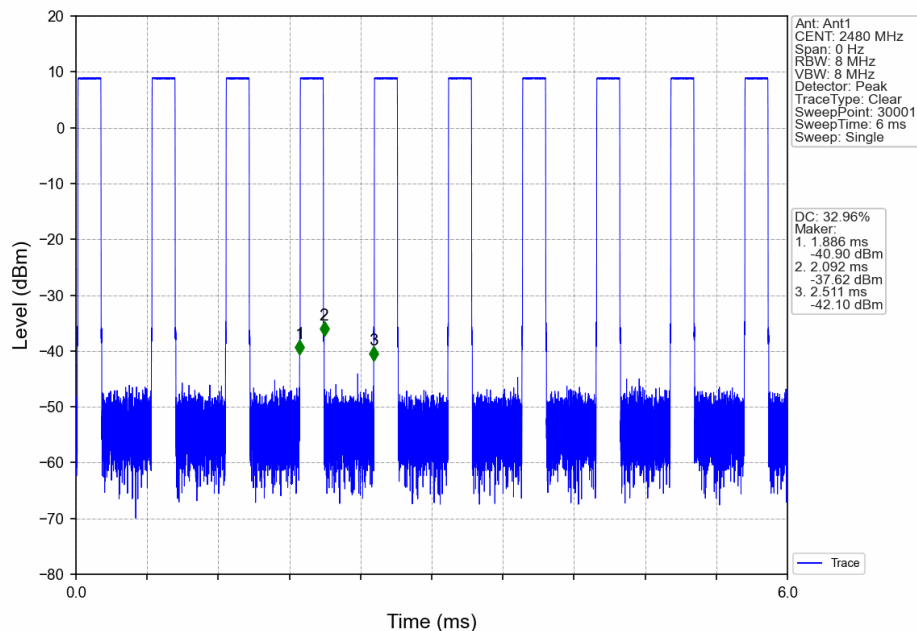
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



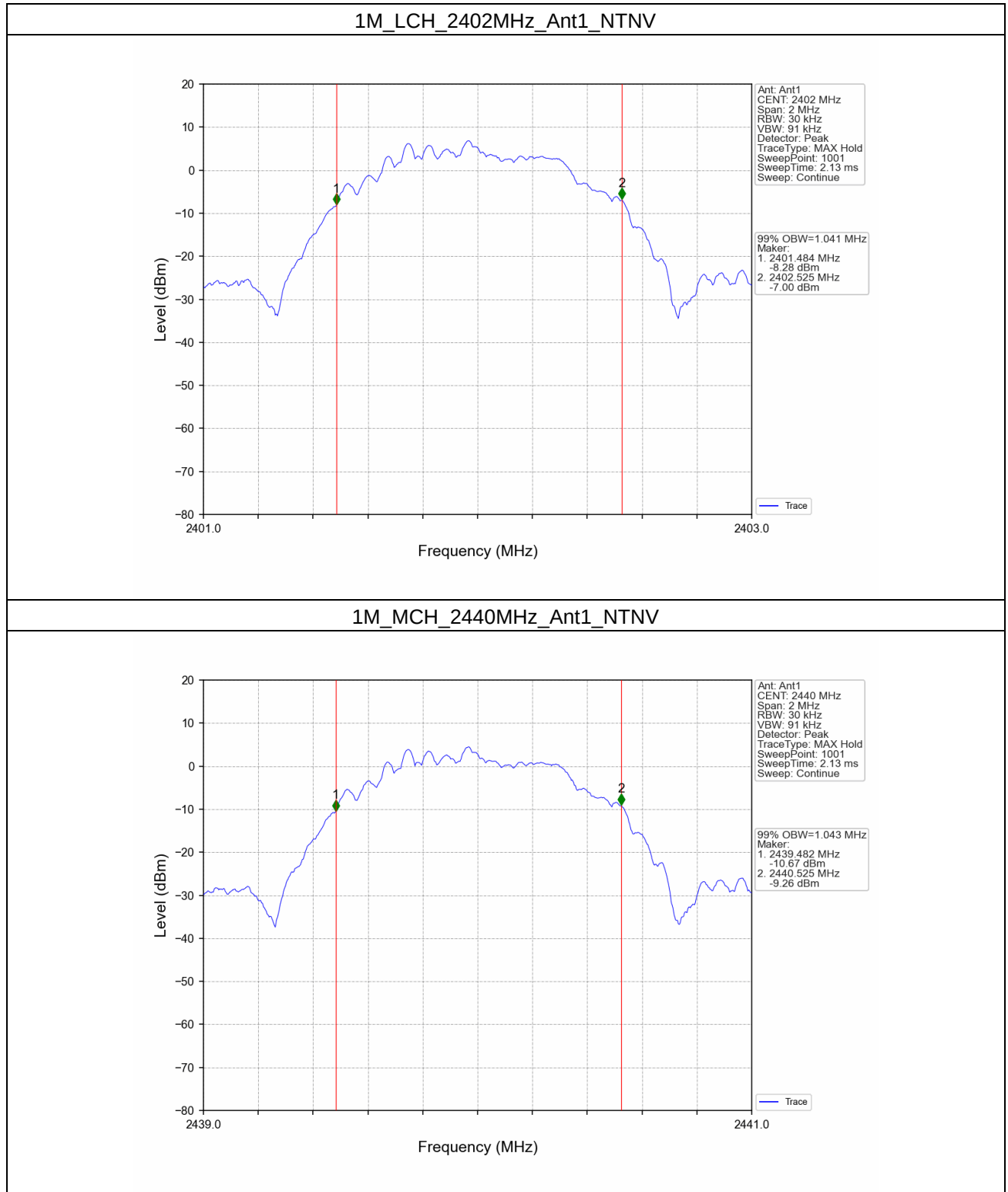
## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

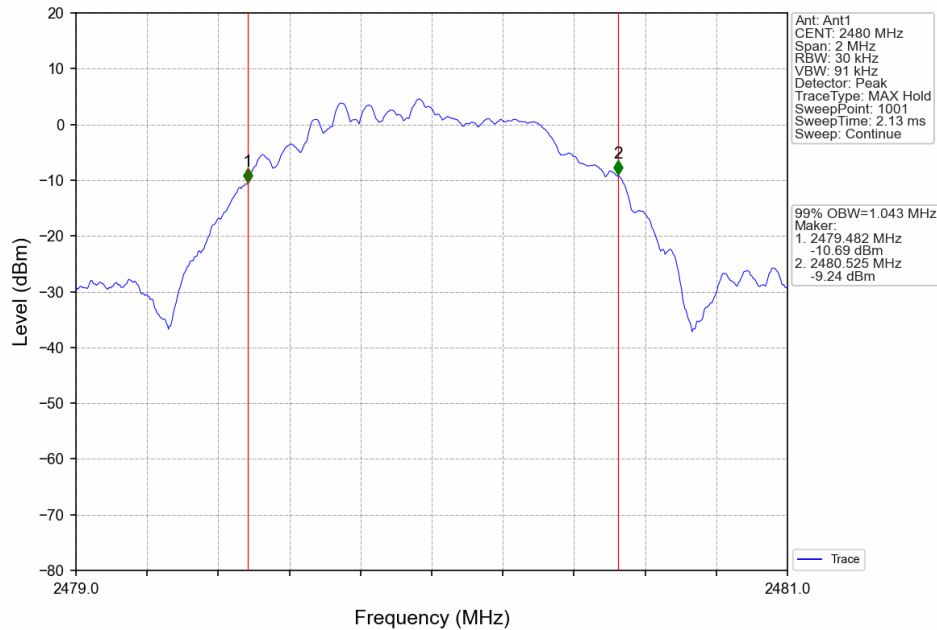
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | Verdict |
|------|---------|-----------------|-----|------------------------------|---------|
|      |         |                 |     | Result                       |         |
| 1M   | SISO    | 2402            | 1   | 1.041                        | Pass    |
|      |         | 2440            | 1   | 1.043                        | Pass    |
|      |         | 2480            | 1   | 1.043                        | Pass    |
| 2M   | SISO    | 2402            | 1   | 2.081                        | Pass    |
|      |         | 2440            | 1   | 2.080                        | Pass    |
|      |         | 2480            | 1   | 2.079                        | Pass    |

### 2.1.2 Test Graph

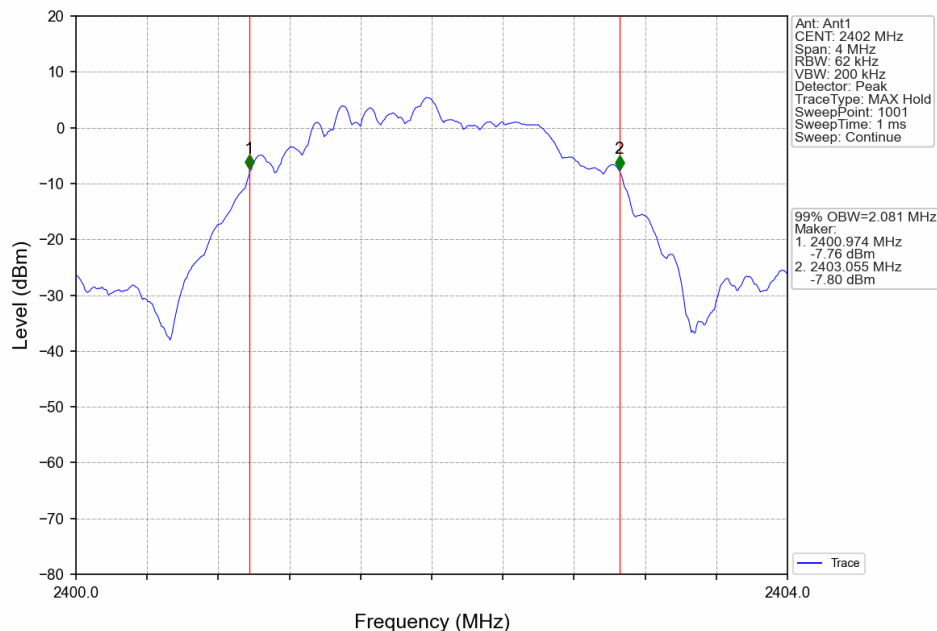




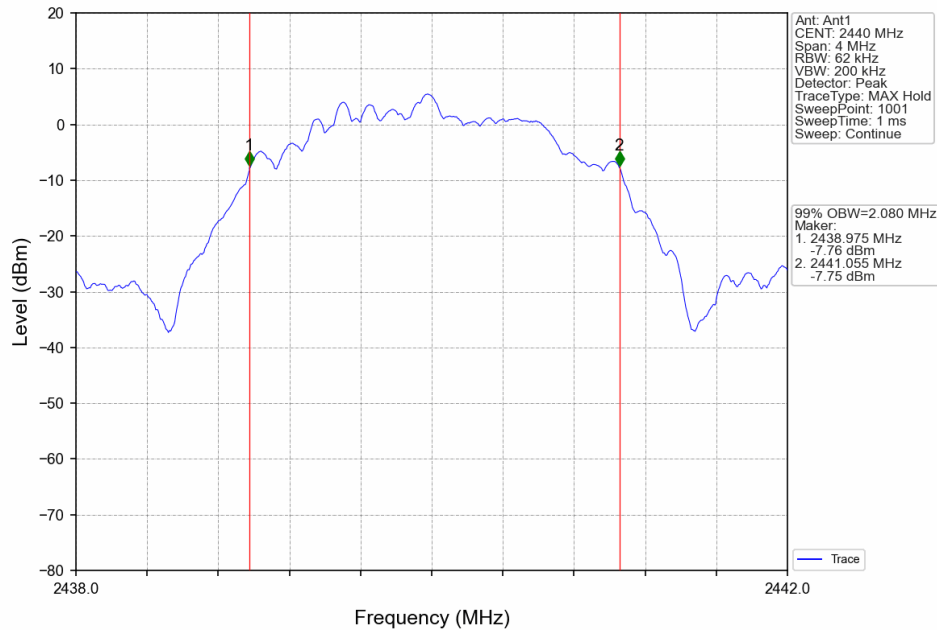
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



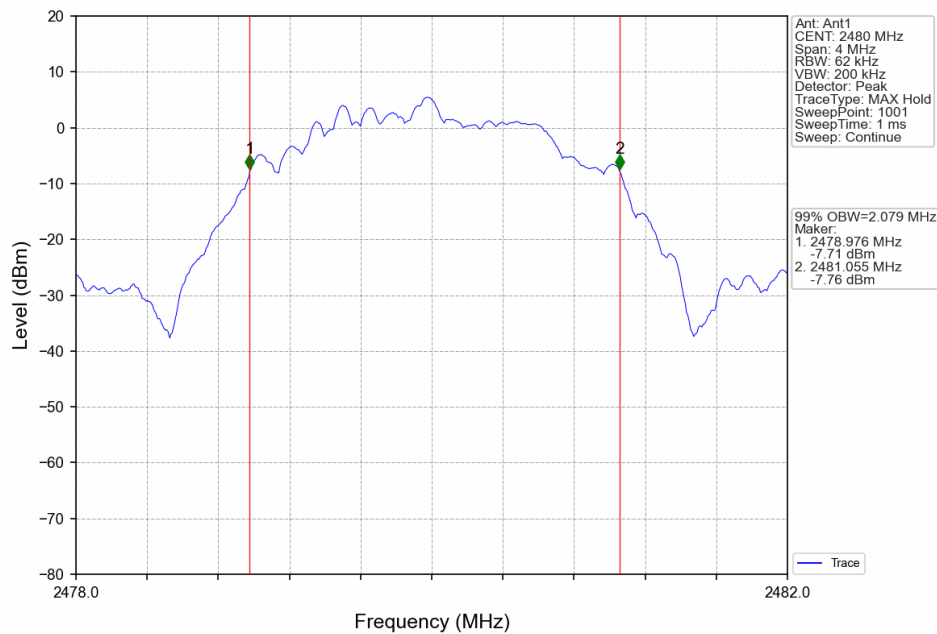
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

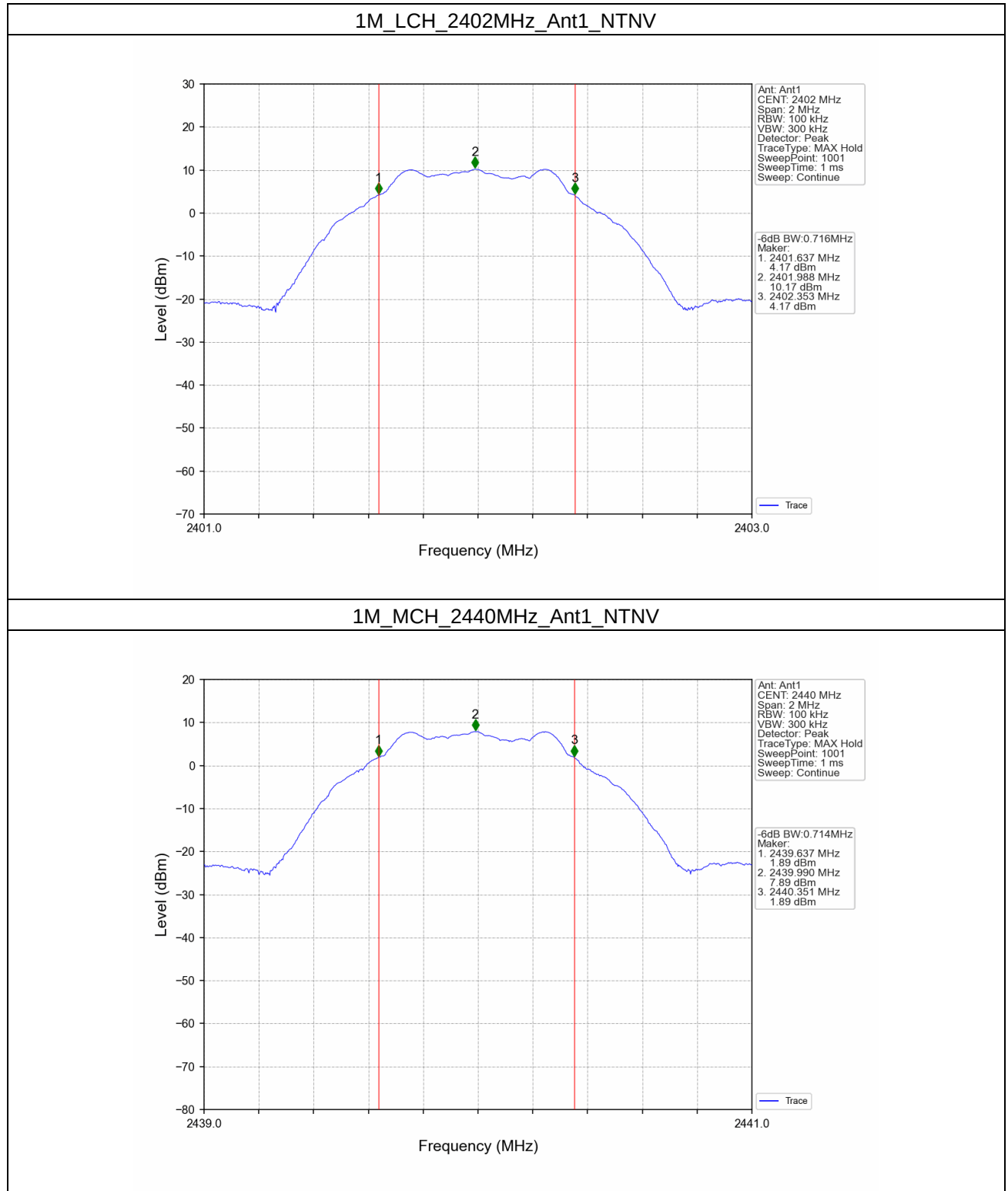


## 2.2 6dB BW

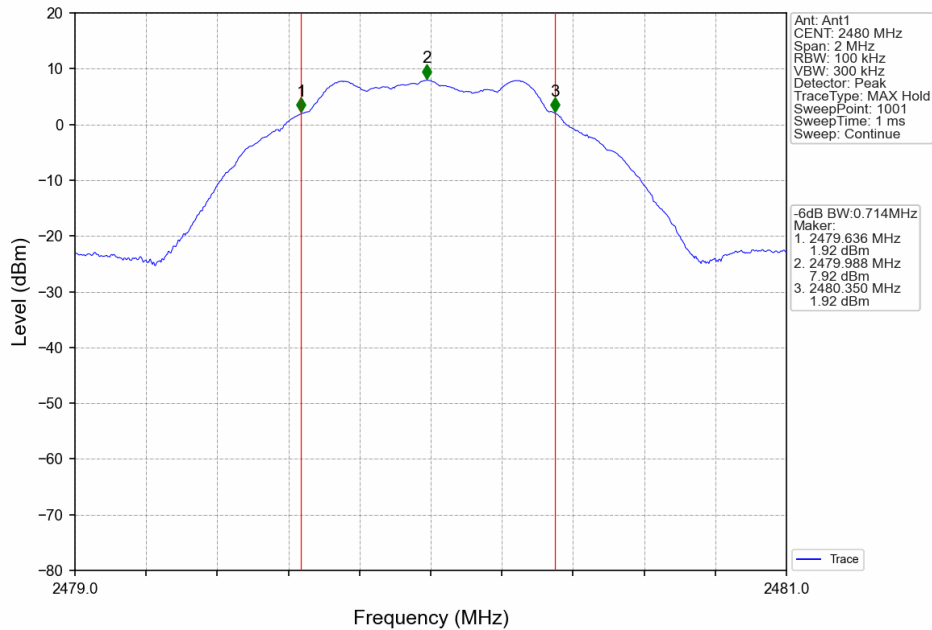
## 2.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.716               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.714               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.714               | $\geq 0.5$ | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.256               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 1.257               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 1.256               | $\geq 0.5$ | Pass    |

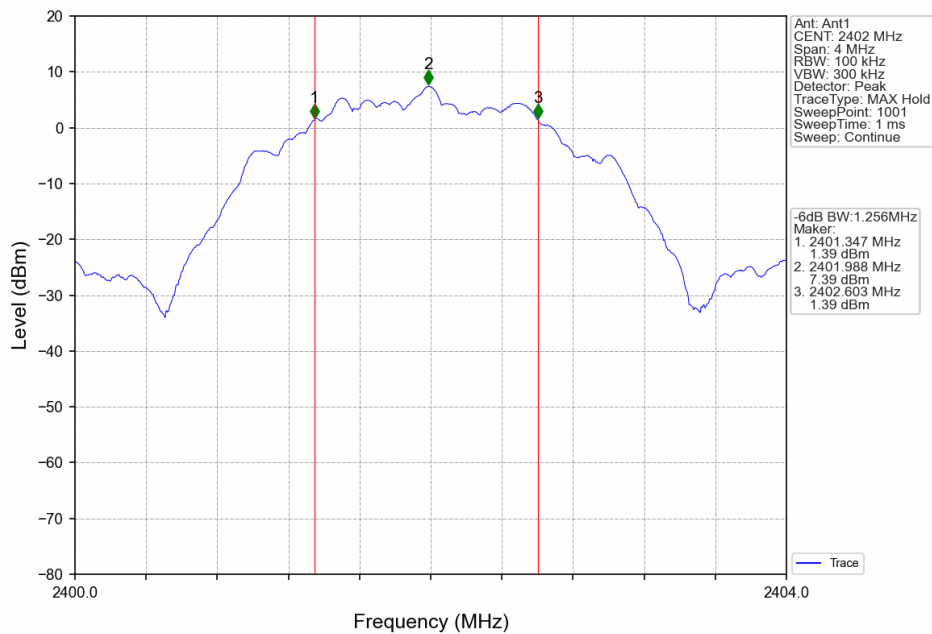
### 2.2.2 Test Graph



1M\_HCH\_2480MHz\_Ant1\_NTNV

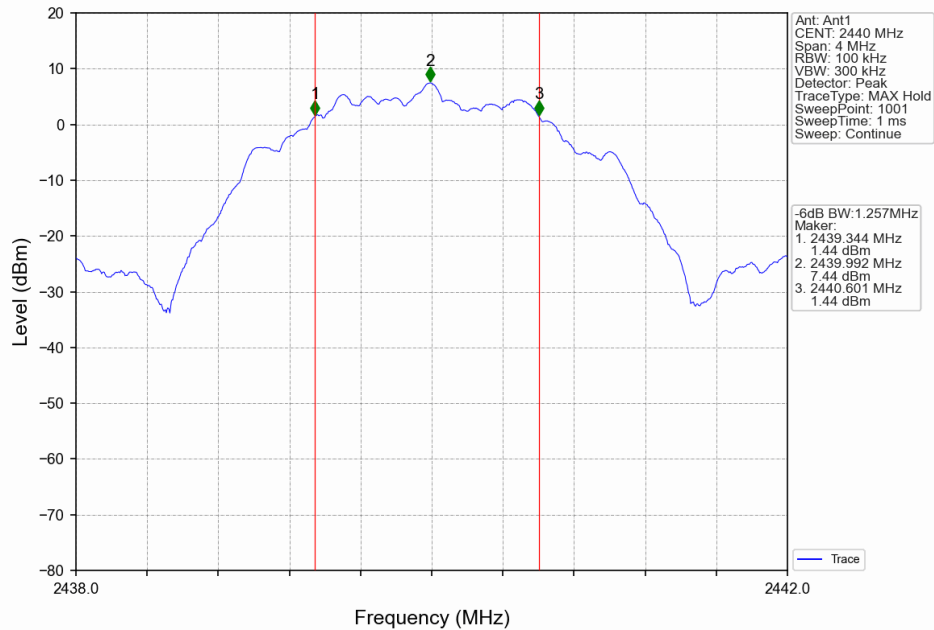


2M\_LCH\_2402MHz\_Ant1\_NTNV

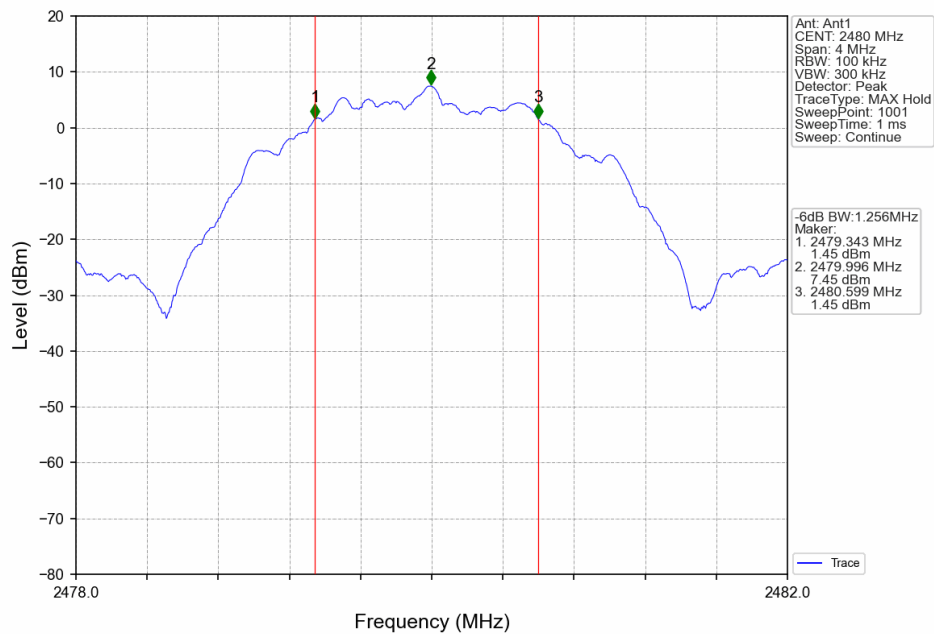




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

#### 3.1 Power

##### 3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|------|---------|-----------------|-------------------------------------------|-------|---------|
|      |         |                 | ANT1                                      | Limit |         |
| 1M   | SISO    | 2402            | 8.77                                      | <=30  | Pass    |
|      |         | 2440            | 8.80                                      | <=30  | Pass    |
|      |         | 2480            | 8.86                                      | <=30  | Pass    |
| 2M   | SISO    | 2402            | 8.78                                      | <=30  | Pass    |
|      |         | 2440            | 8.82                                      | <=30  | Pass    |
|      |         | 2480            | 8.85                                      | <=30  | Pass    |

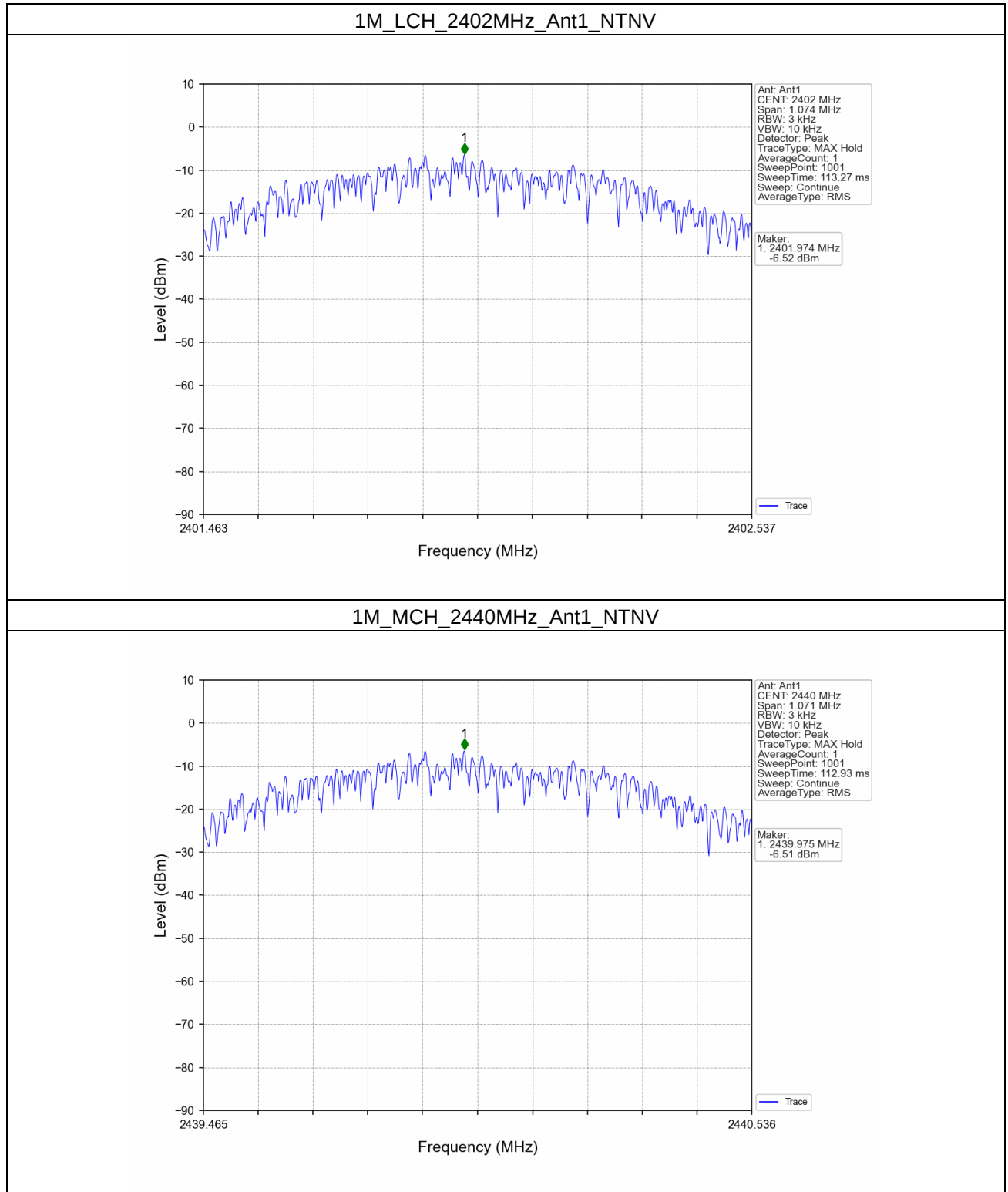
## 4. Maximum Power Spectral Density

### 4.1 PSD

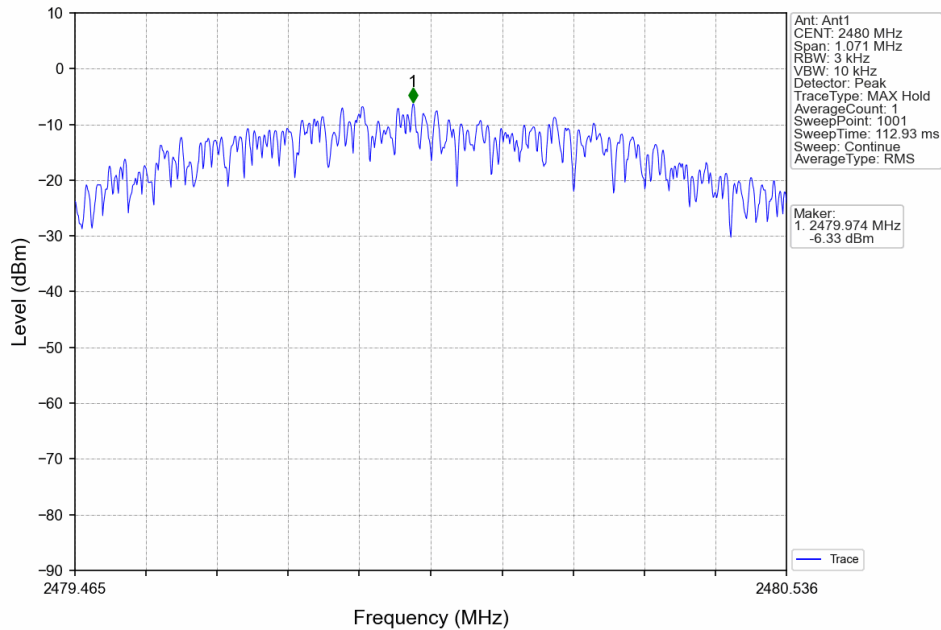
#### 4.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
|      |         |                 | ANT1                   | Limit |         |
| 1M   | SISO    | 2402            | -6.52                  | <=8   | Pass    |
|      |         | 2440            | -6.51                  | <=8   | Pass    |
|      |         | 2480            | -6.33                  | <=8   | Pass    |
| 2M   | SISO    | 2402            | -8.75                  | <=8   | Pass    |
|      |         | 2440            | -8.63                  | <=8   | Pass    |
|      |         | 2480            | -8.56                  | <=8   | Pass    |

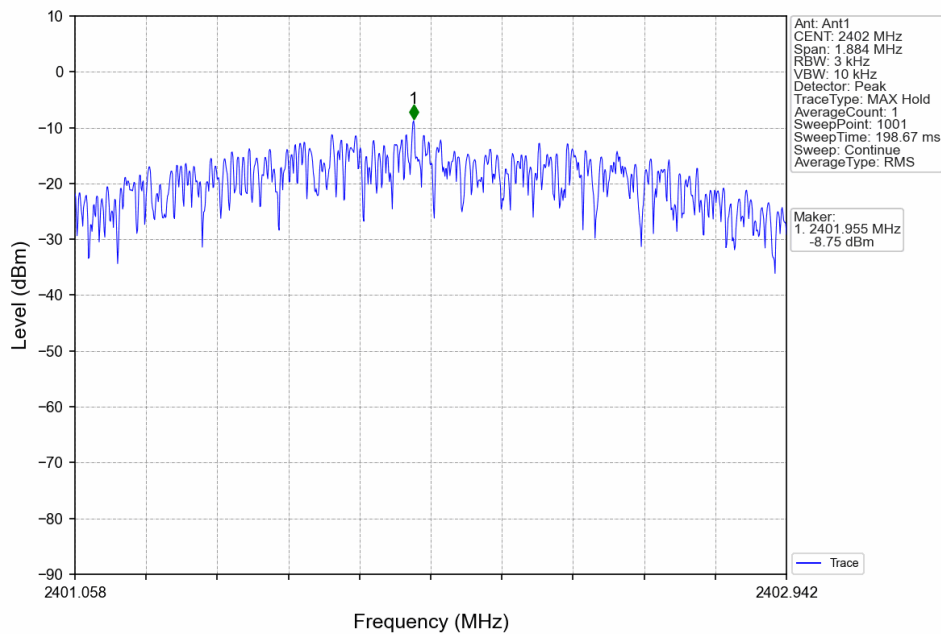
## 4.1.2 Test Graph



1M\_HCH\_2480MHz\_Ant1\_NTNV

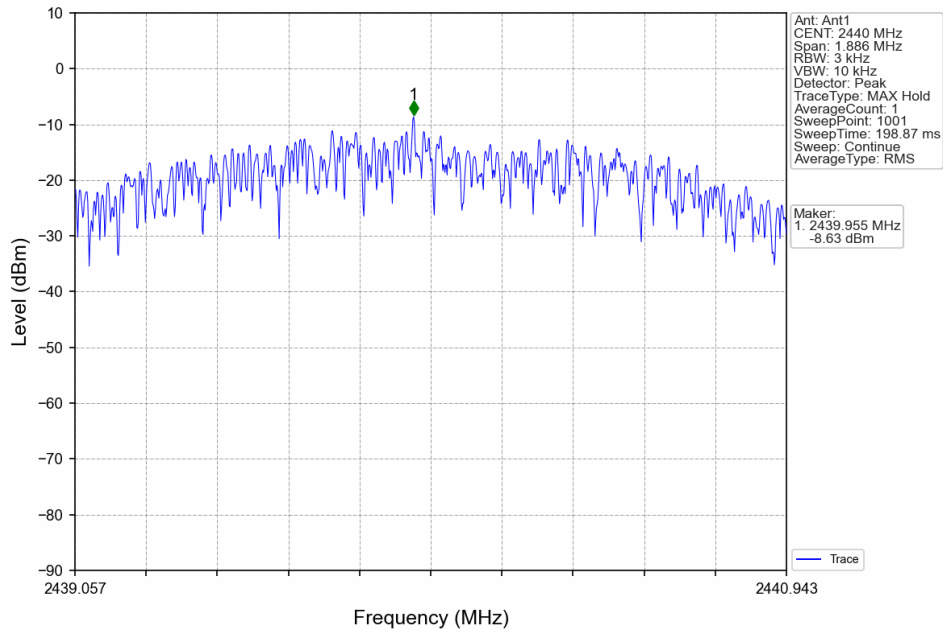


2M\_LCH\_2402MHz\_Ant1\_NTNV

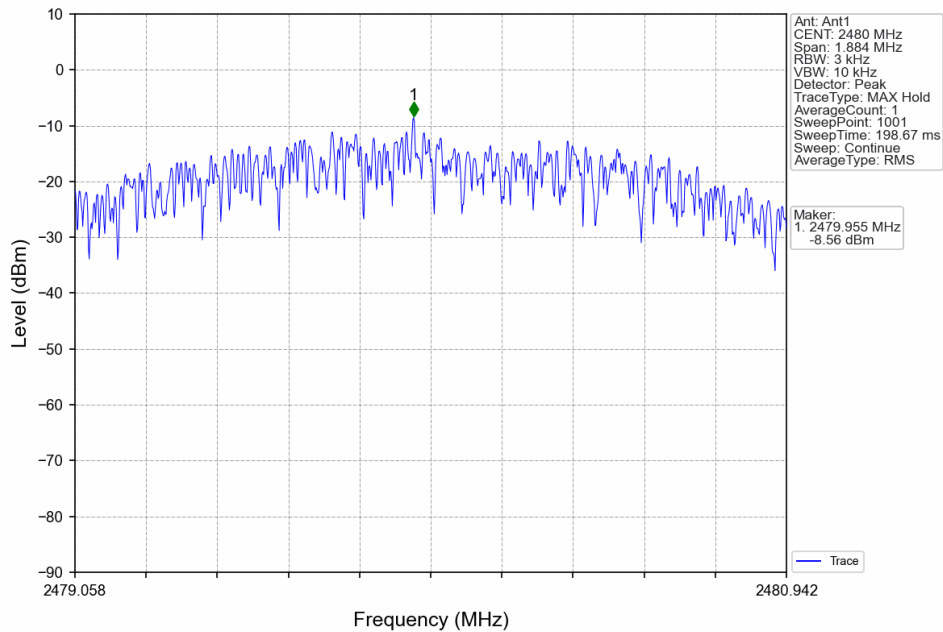




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



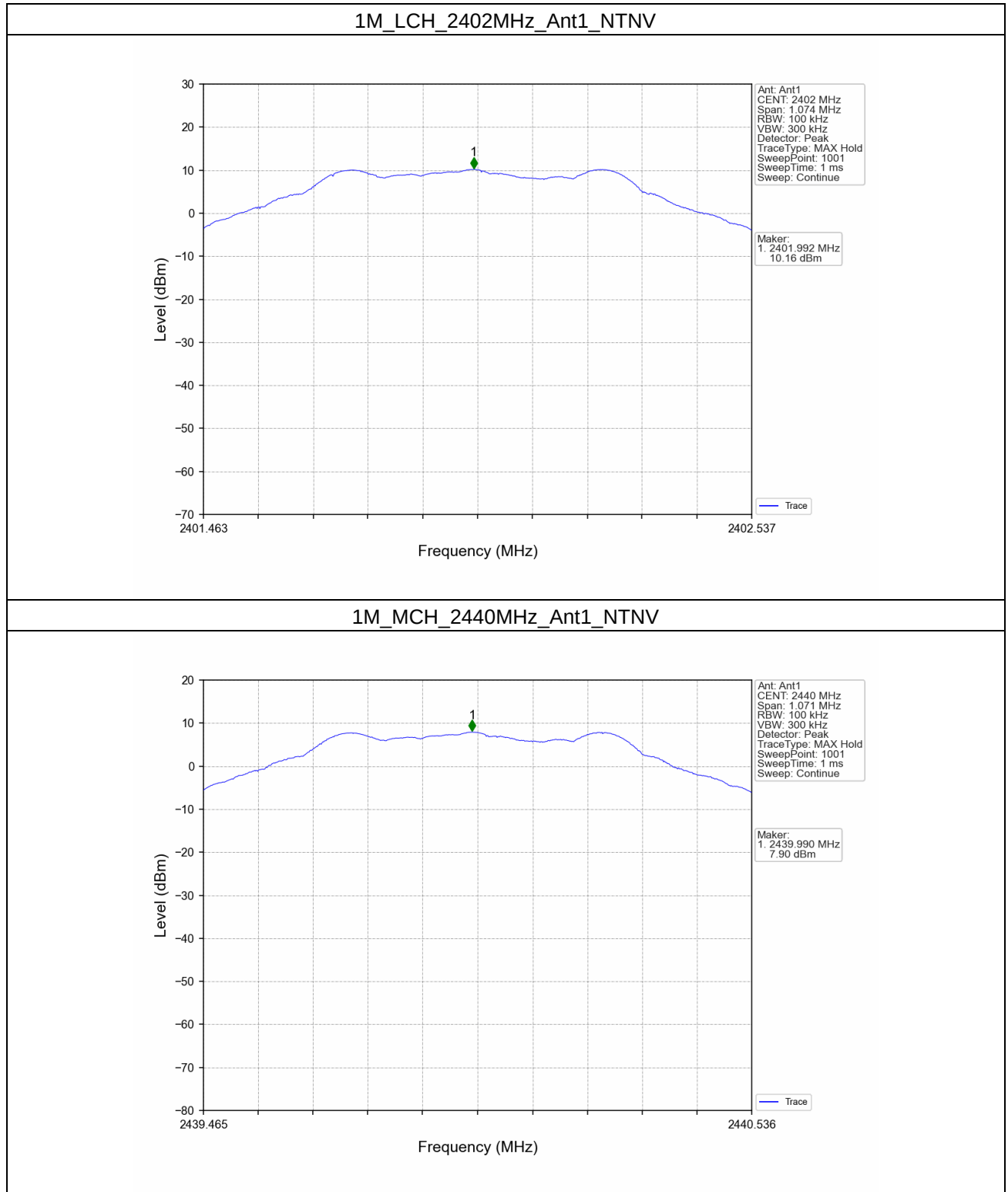
## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

#### 5.1.1 Test Result

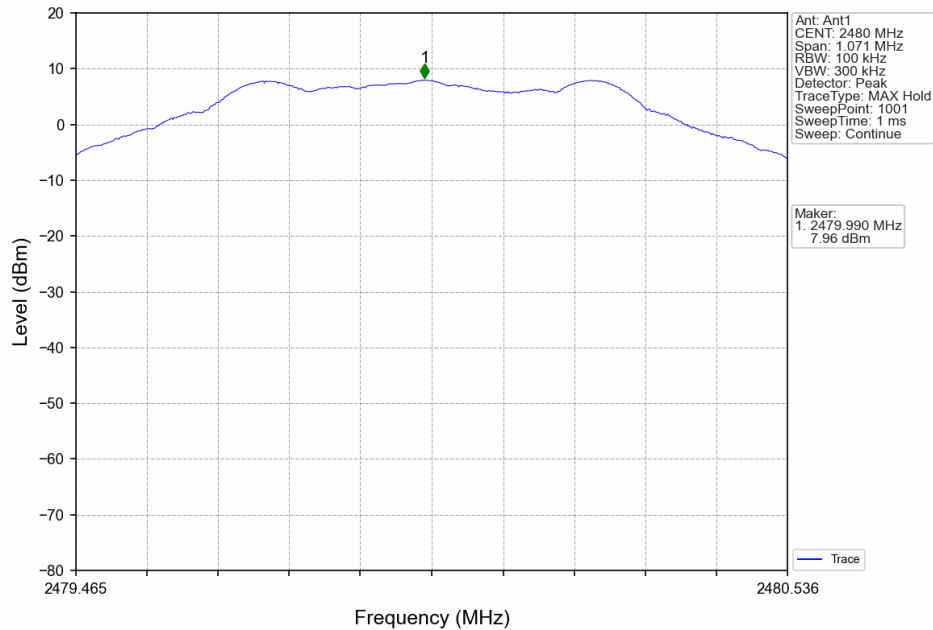
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | 10.16                    |
|      |         | 2440            | 1   | 7.90                     |
|      |         | 2480            | 1   | 7.96                     |
| 2M   | SISO    | 2402            | 1   | 7.42                     |
|      |         | 2440            | 1   | 7.49                     |
|      |         | 2480            | 1   | 7.47                     |

### 5.1.2 Test Graph

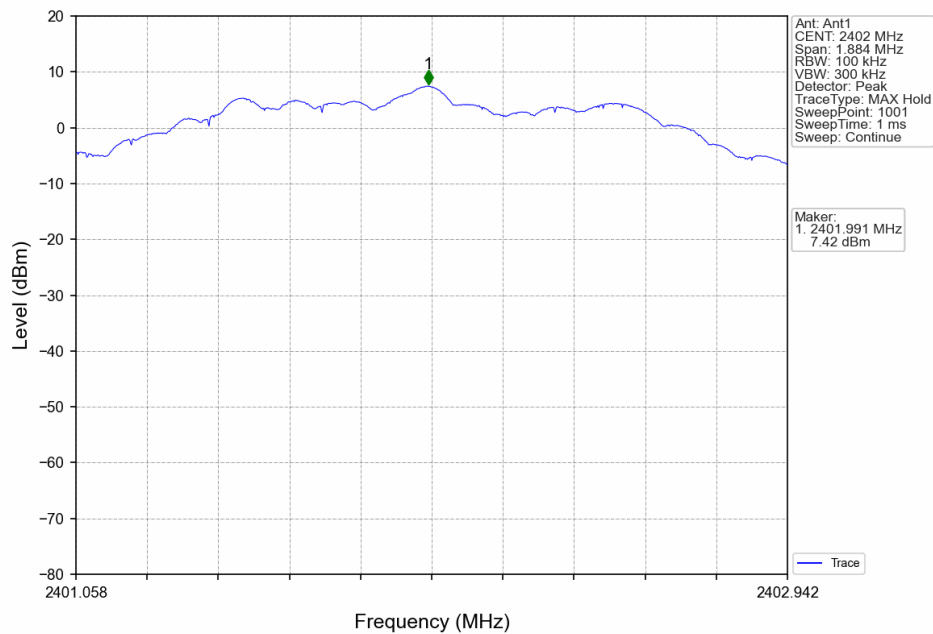


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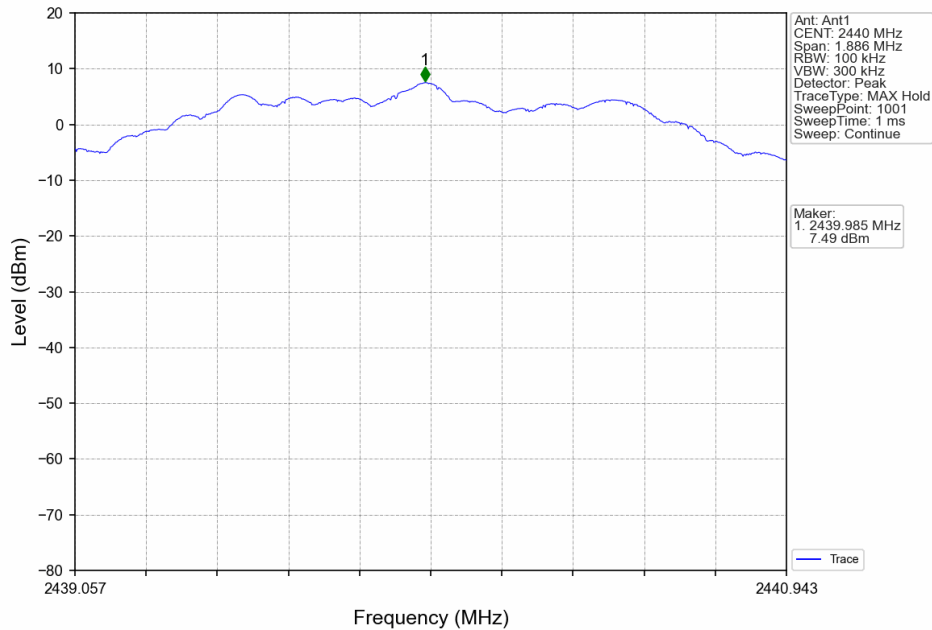
1M\_HCH\_2480MHz\_Ant1\_NTNV



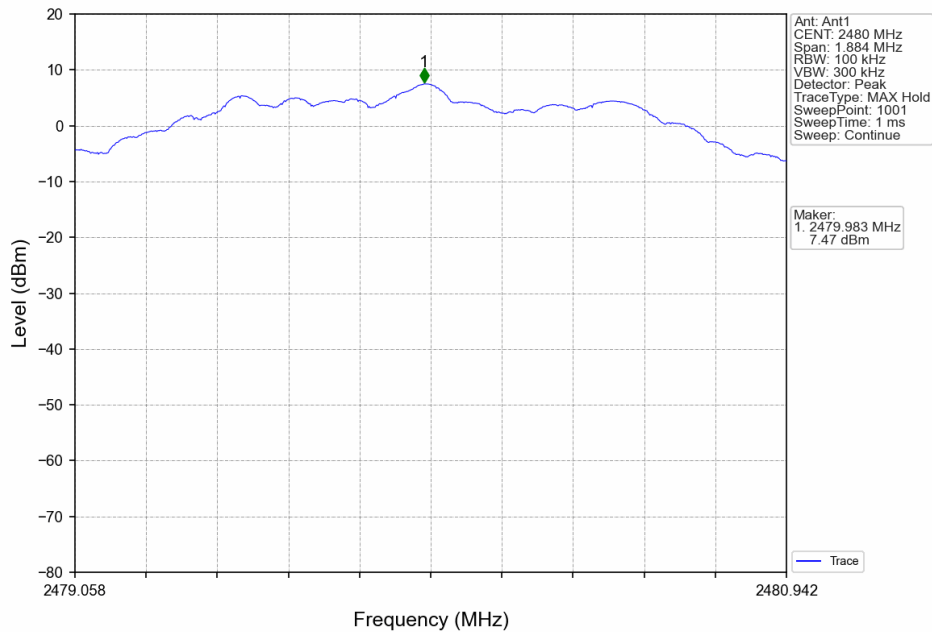
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



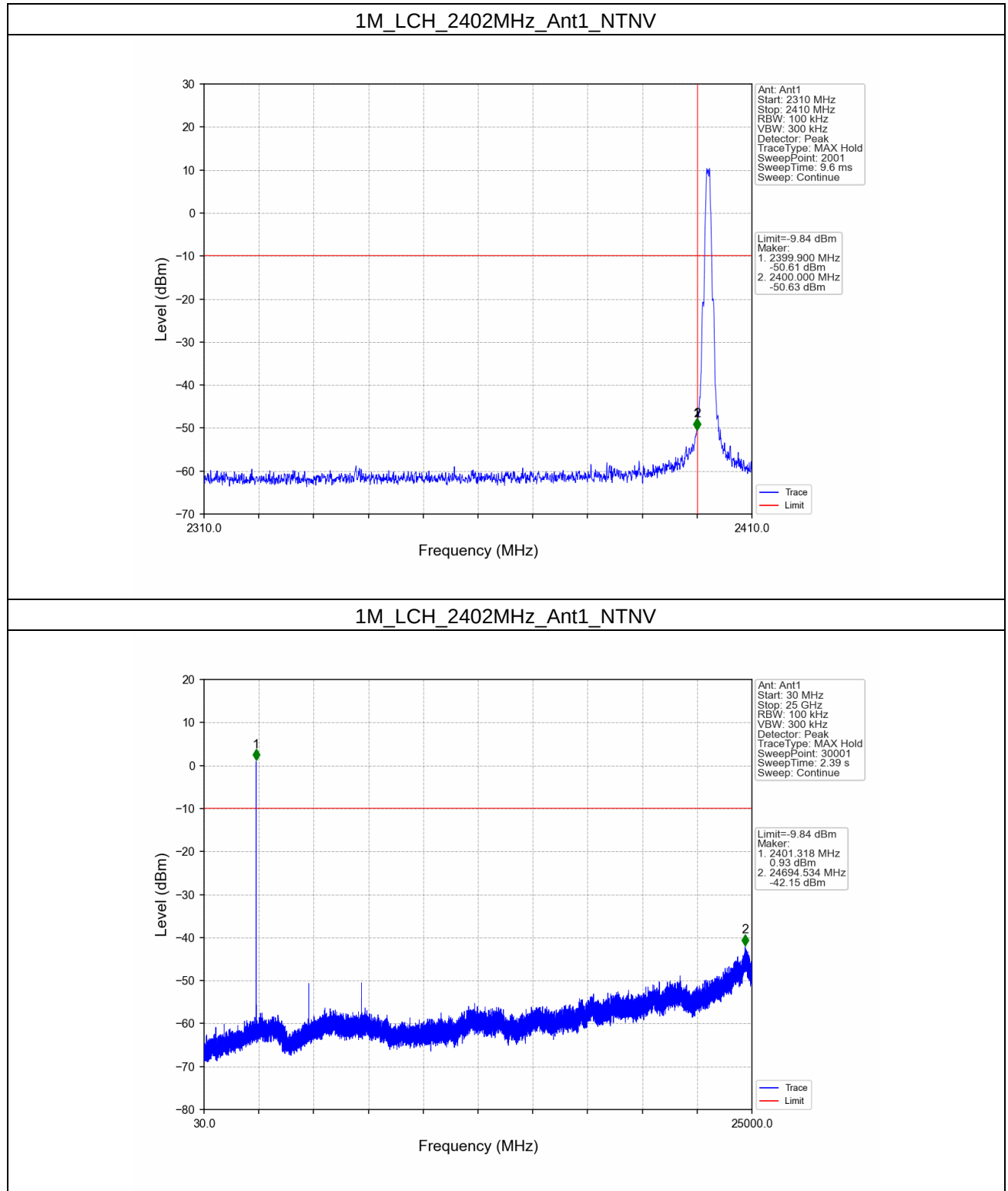


## 5.2 CSE

## 5.2.1 Test Result

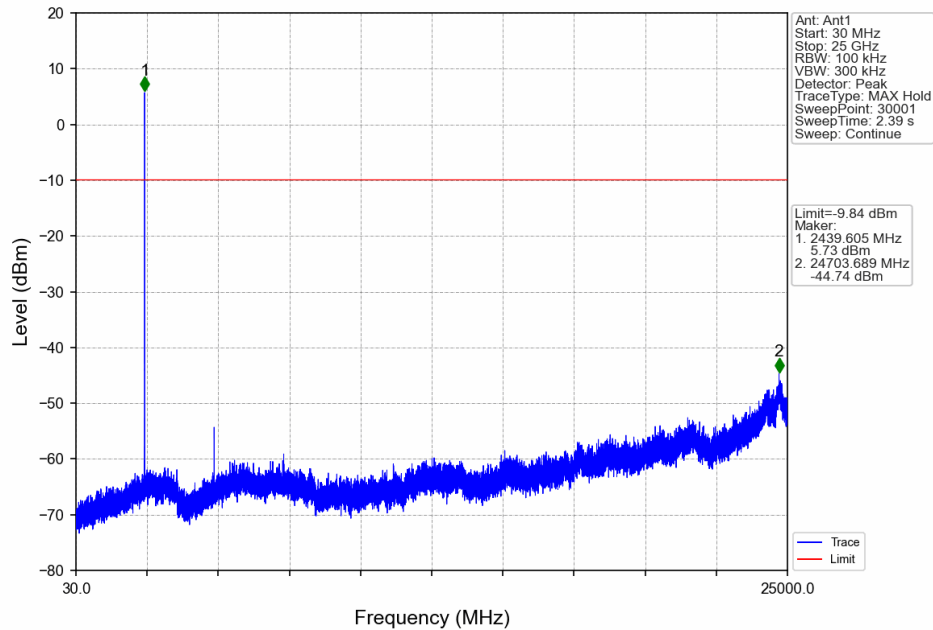
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M   | SISO    | 2402            | 1   | 10.16                    | -9.84       | Pass    |
|      |         | 2440            | 1   | 10.16                    | -9.84       | Pass    |
|      |         | 2480            | 1   | 10.16                    | -9.84       | Pass    |
| 2M   | SISO    | 2402            | 1   | 7.49                     | -12.51      | Pass    |
|      |         | 2440            | 1   | 7.49                     | -12.51      | Pass    |
|      |         | 2480            | 1   | 7.49                     | -12.51      | Pass    |

### 5.2.2 Test Graph

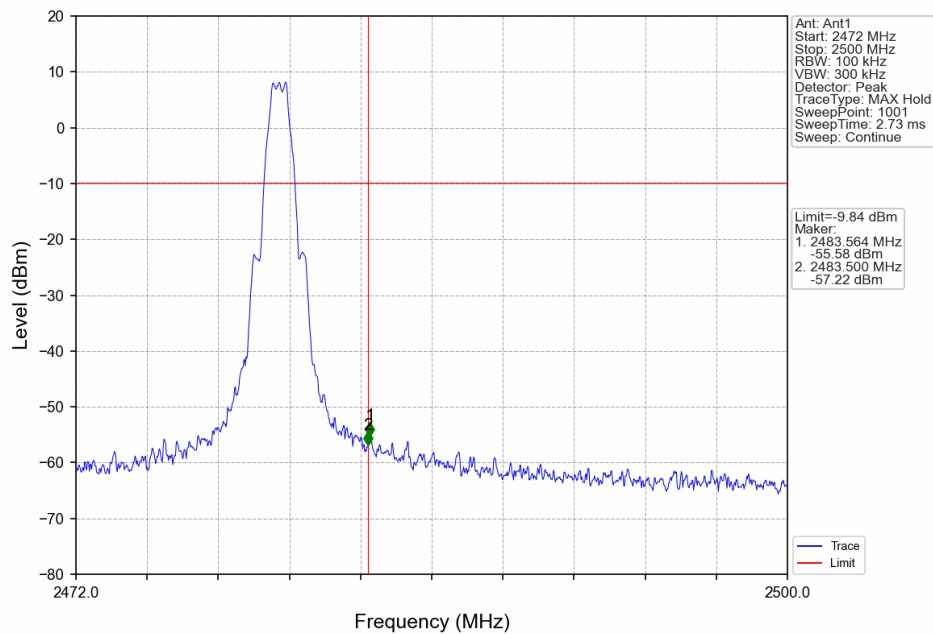


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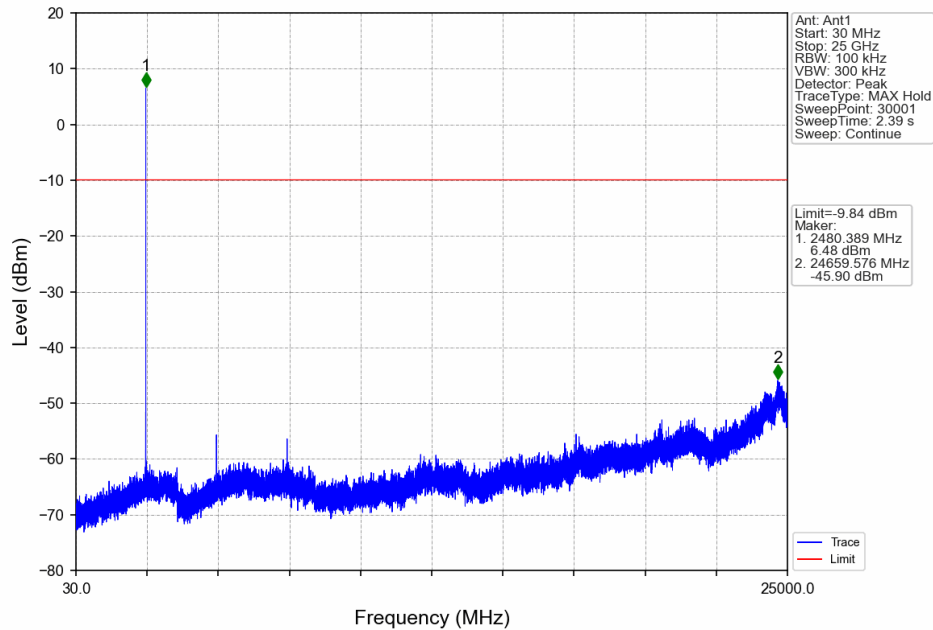
1M\_MCH\_2440MHz\_Ant1\_NTNV



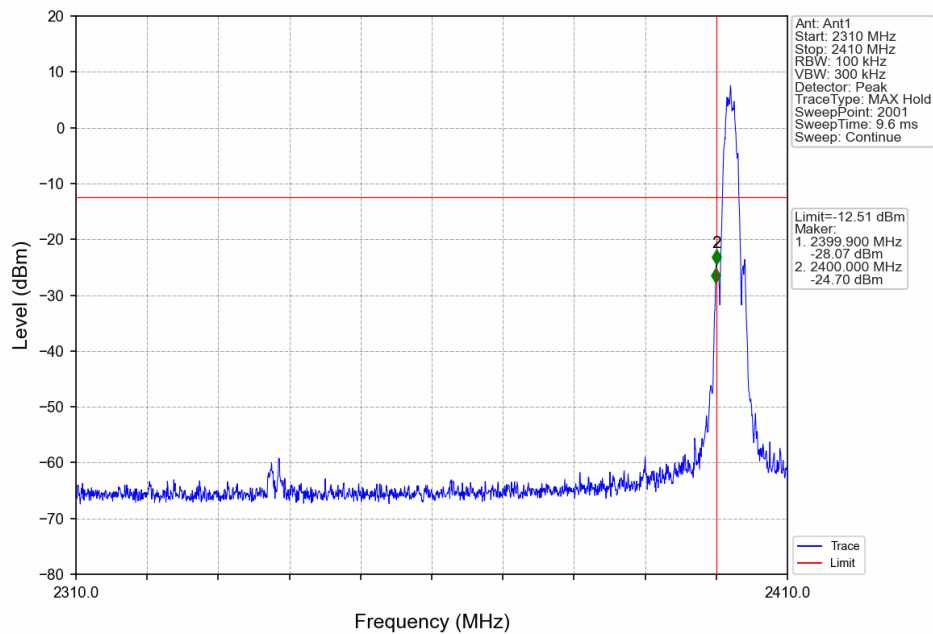
1M\_HCH\_2480MHz\_Ant1\_NTNV



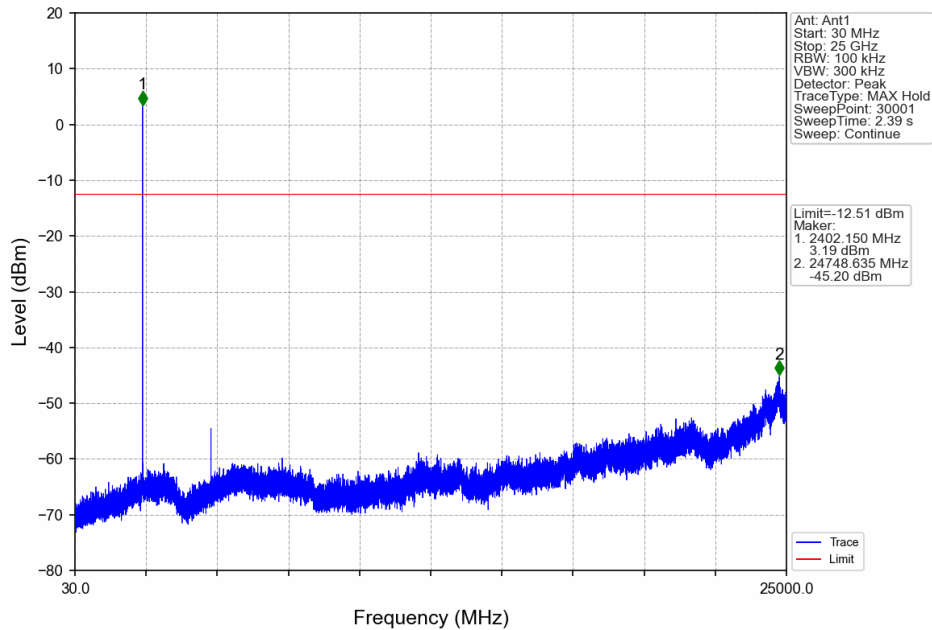
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



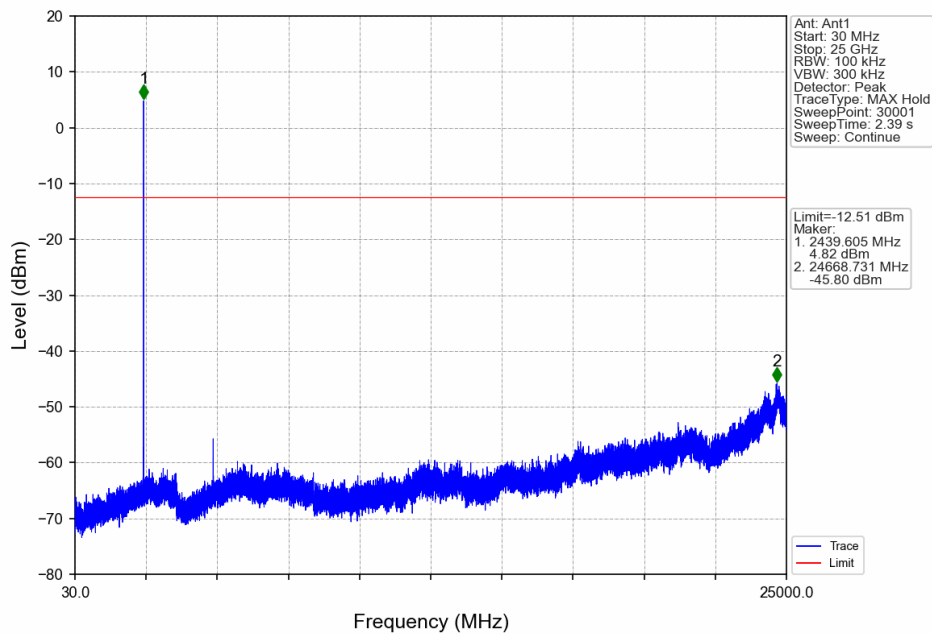
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_LCH\_2402MHz\_Ant1\_NTNV

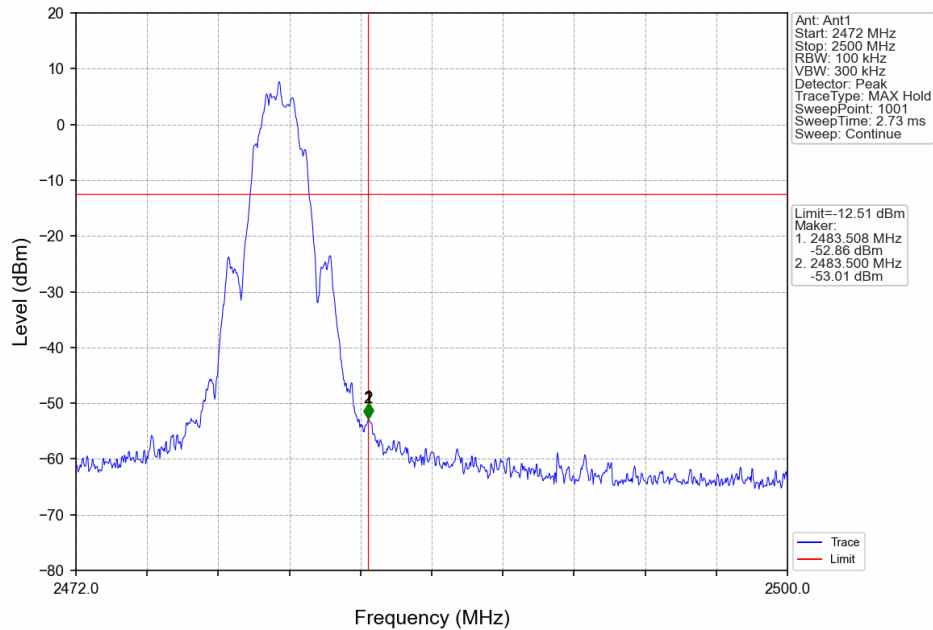


2M\_MCH\_2440MHz\_Ant1\_NTNV

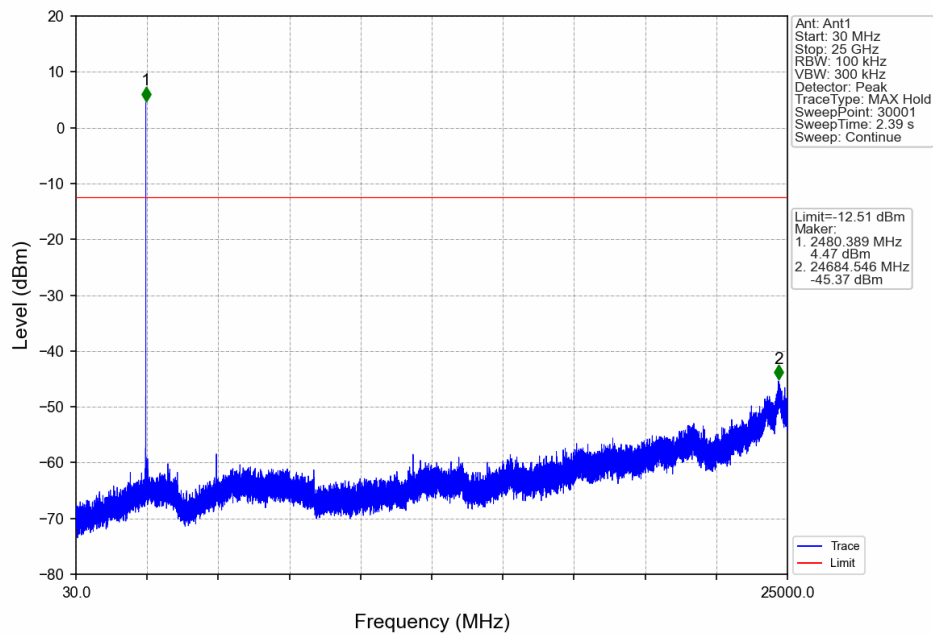




### 2M\_HCH\_2480MHz\_Ant1\_NTNV



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



- End of the Report -