

## 1. Duty Cycle

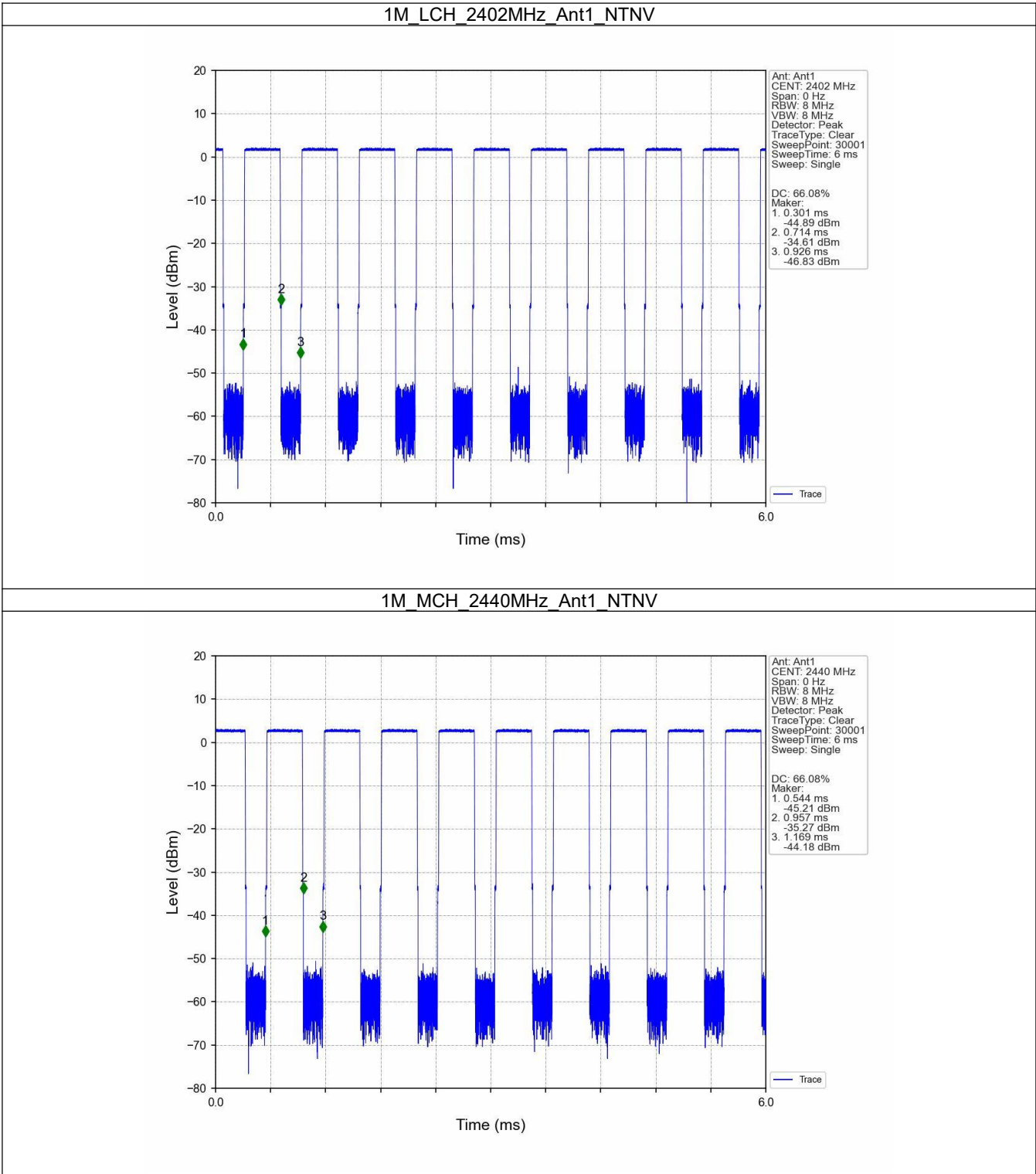
### 1.1 Test Result

#### 1.1.1 Ant1

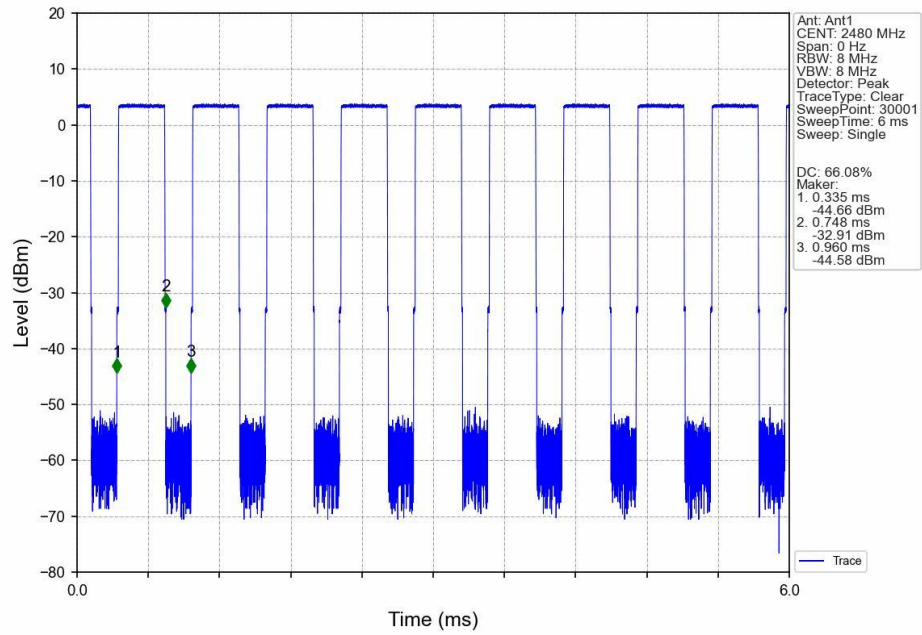
| Ant1 |         |                 |           |             |                |                                   |                       |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M   | SISO    | 2402            | 0.413     | 0.625       | 66.08          | 1.80                              | 0.03                  |
|      |         | 2440            | 0.413     | 0.625       | 66.08          | 1.80                              | 0.00                  |
|      |         | 2480            | 0.413     | 0.625       | 66.08          | 1.80                              | 0.00                  |
| 2M   | SISO    | 2402            | 0.229     | 0.625       | 36.64          | 4.36                              | 0.03                  |
|      |         | 2440            | 0.229     | 0.625       | 36.64          | 4.36                              | 0.02                  |
|      |         | 2480            | 0.229     | 0.625       | 36.64          | 4.36                              | 0.00                  |

# 1.2 Test Graph

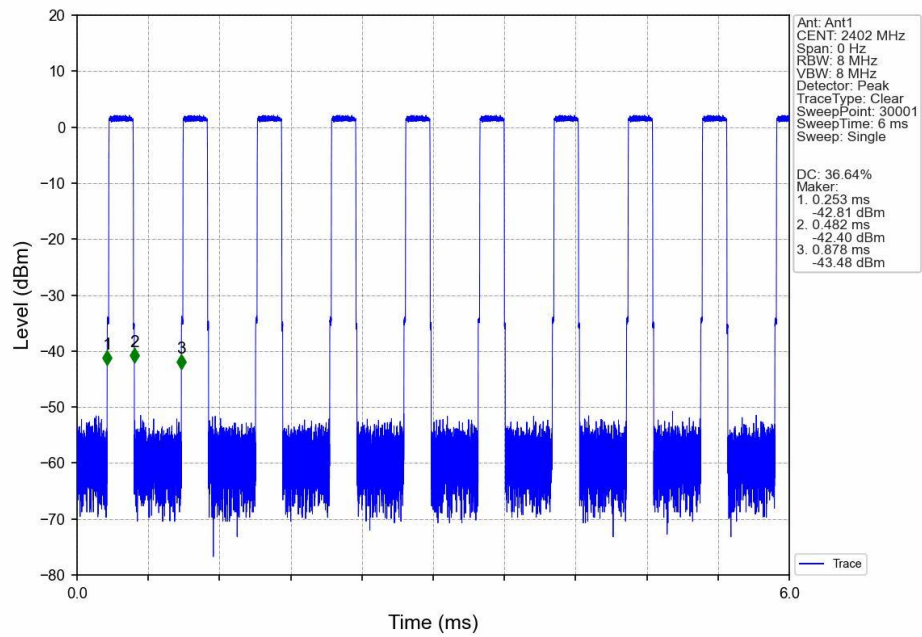
## 1.2.1 Ant1



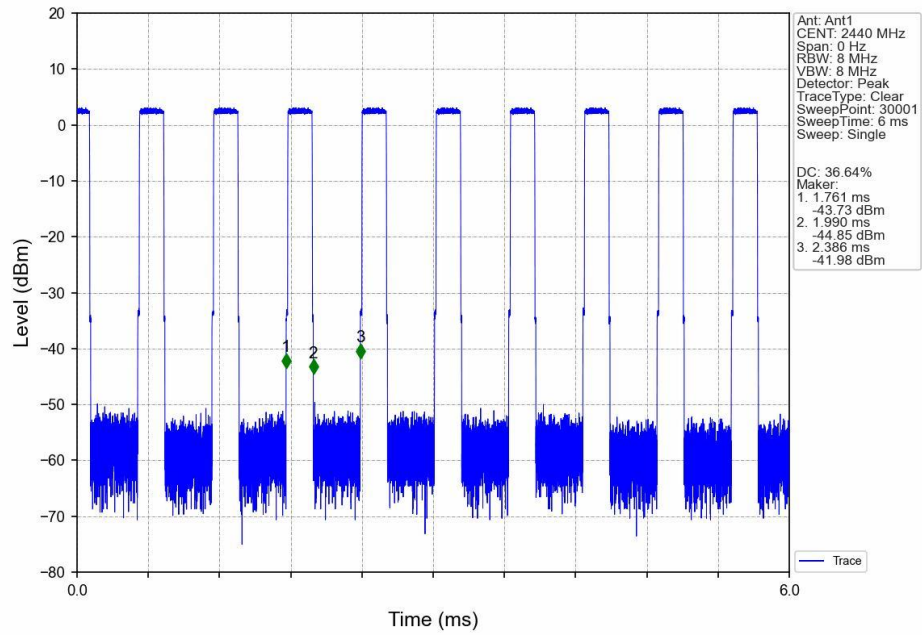
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



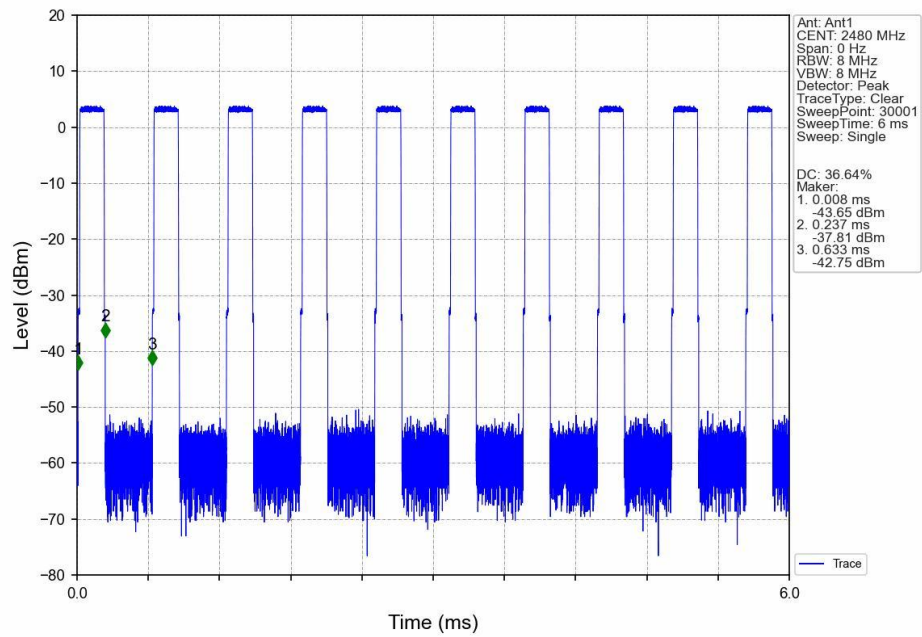
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



# 2M\_MCH\_2440MHz\_Ant1\_NTNV



# 2M\_HCH\_2480MHz\_Ant1\_NTNV



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

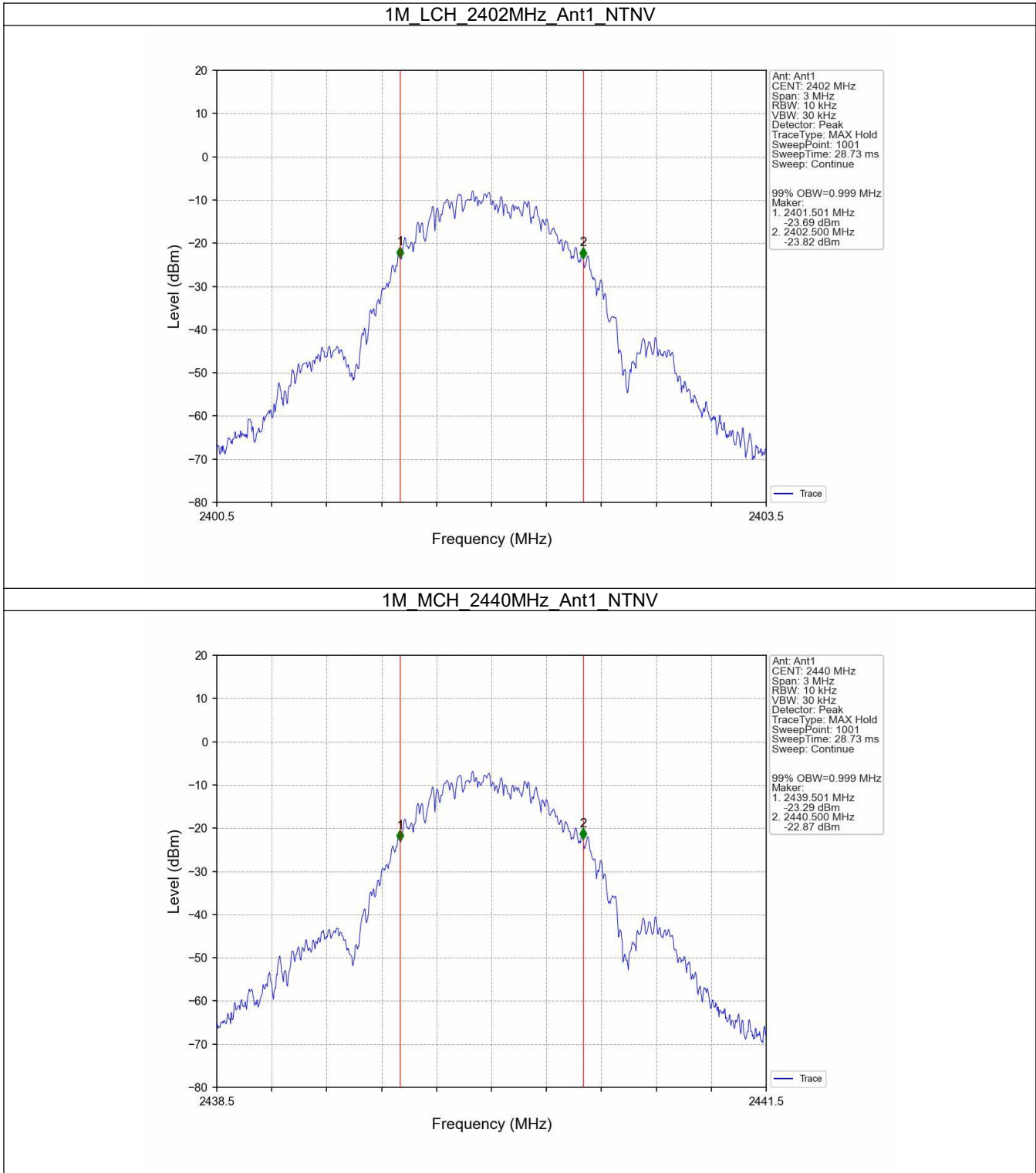
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 0.999                        | /     | Pass    |
|      |         | 2440            | 1   | 0.999                        | /     | Pass    |
|      |         | 2480            | 1   | 1.000                        | /     | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.887                        | /     | Pass    |
|      |         | 2440            | 1   | 1.887                        | /     | Pass    |
|      |         | 2480            | 1   | 1.886                        | /     | Pass    |

#### 2.1.2 6dB BW

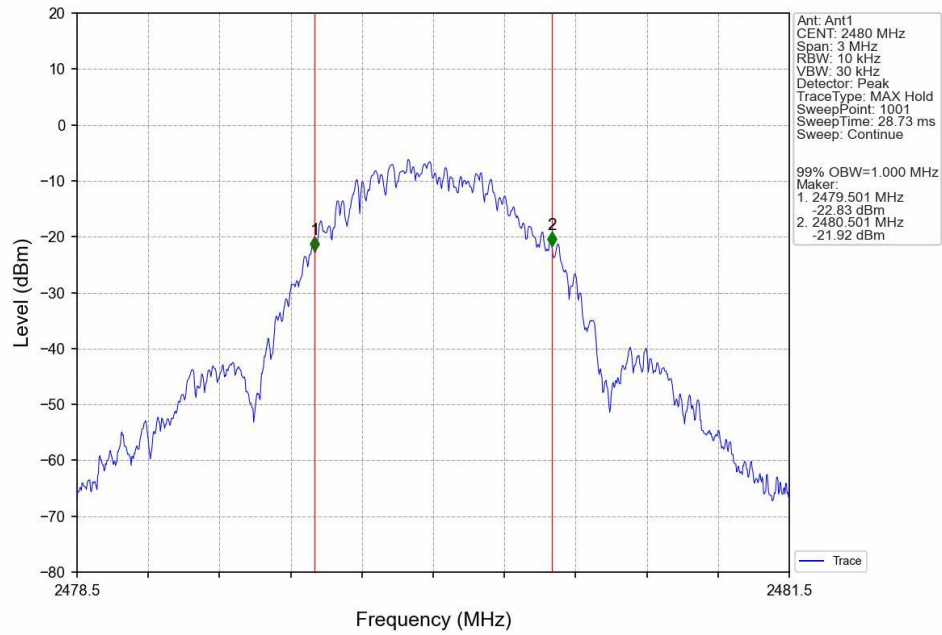
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.646               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.642               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.640               | $\geq 0.5$ | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.124               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 1.120               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 1.123               | $\geq 0.5$ | Pass    |

## 2.2 Test Graph

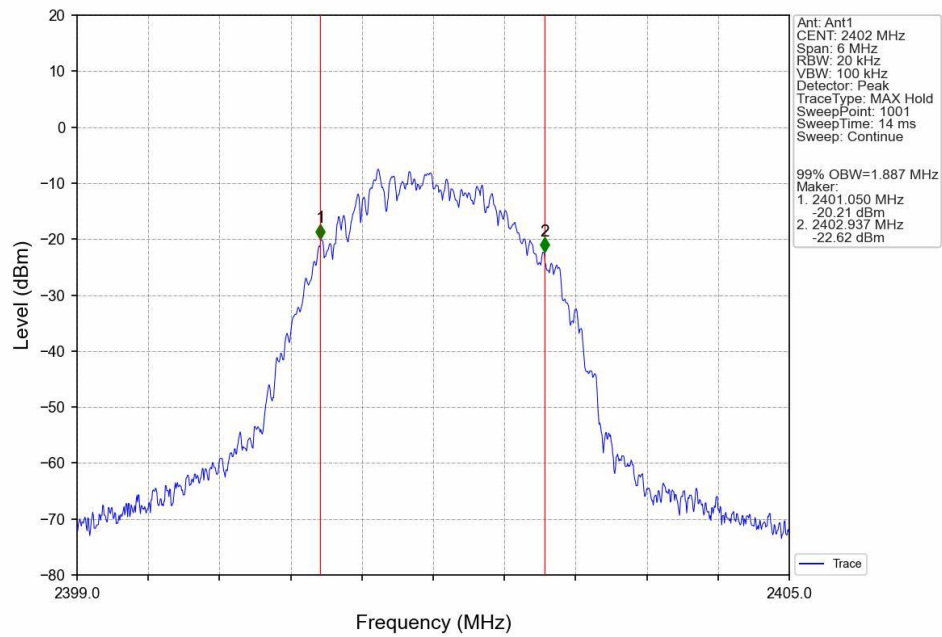
### 2.2.1 OBW



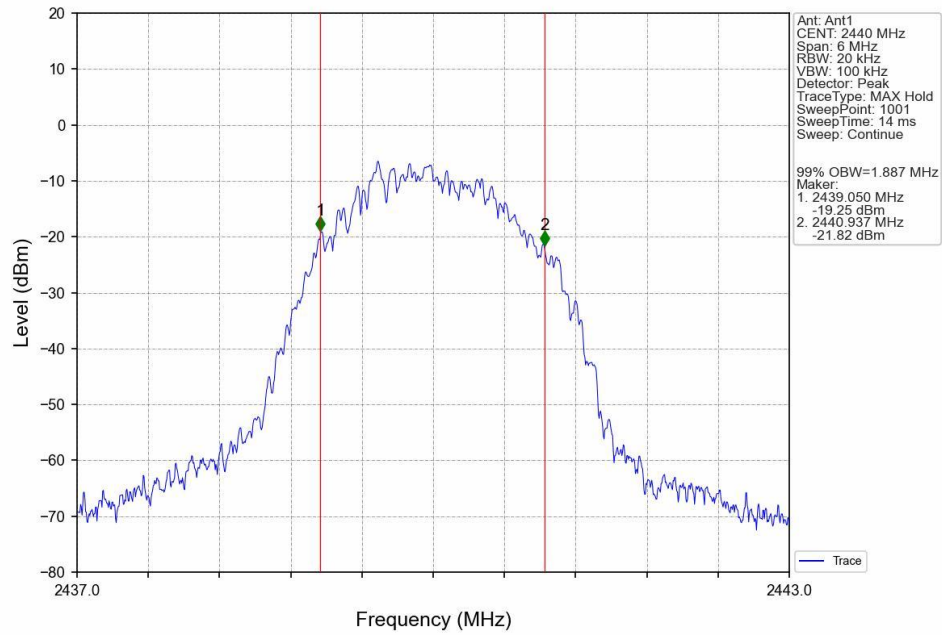
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



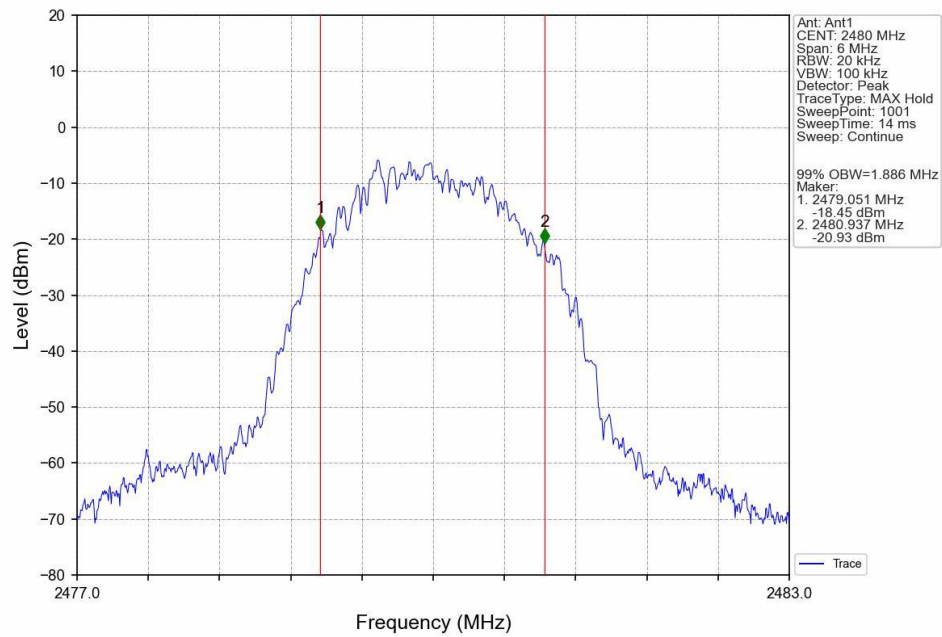
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



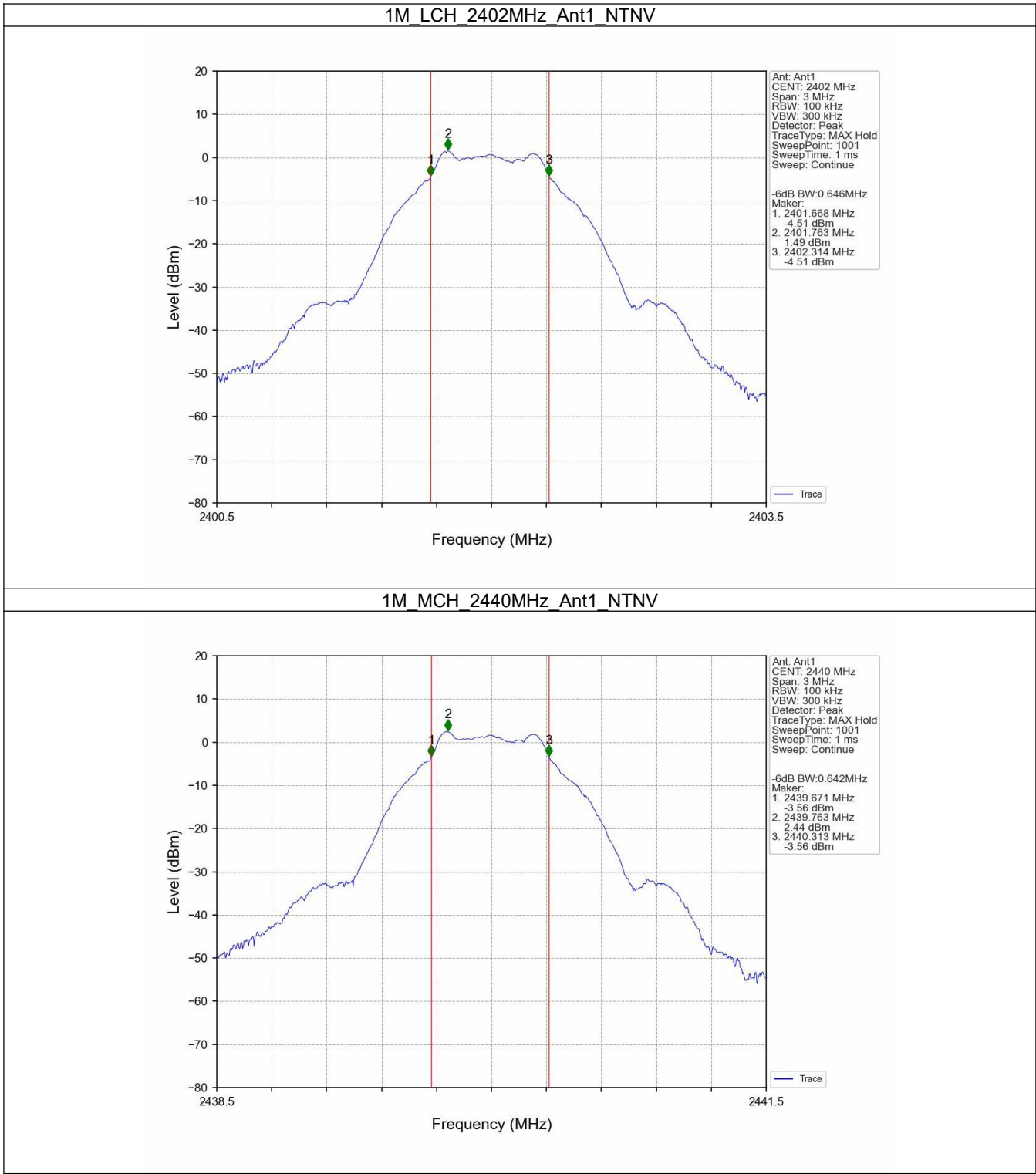
### 2M\_MCH\_2440MHz\_Ant1\_NTNV



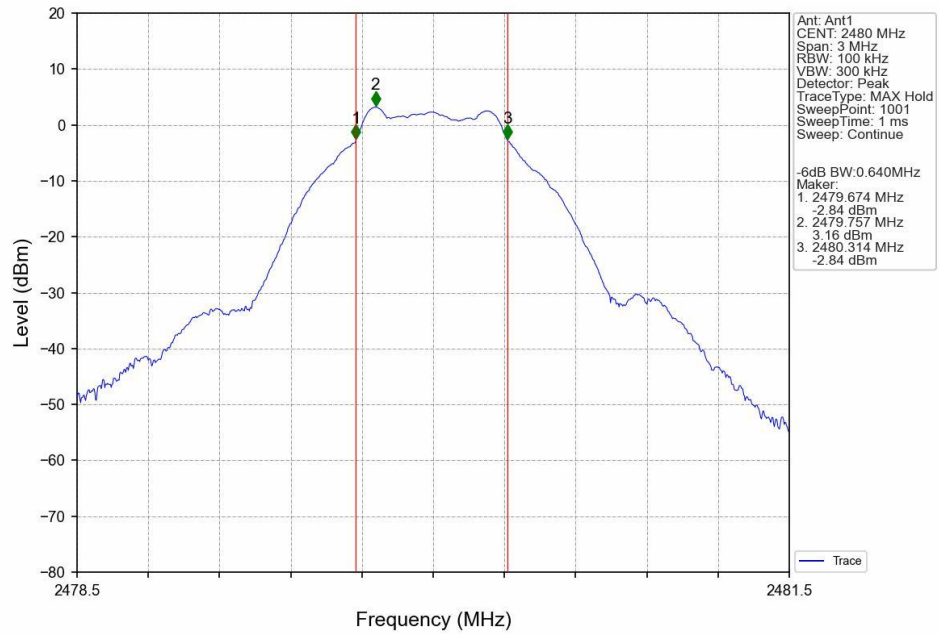
### 2M\_HCH\_2480MHz\_Ant1\_NTNV



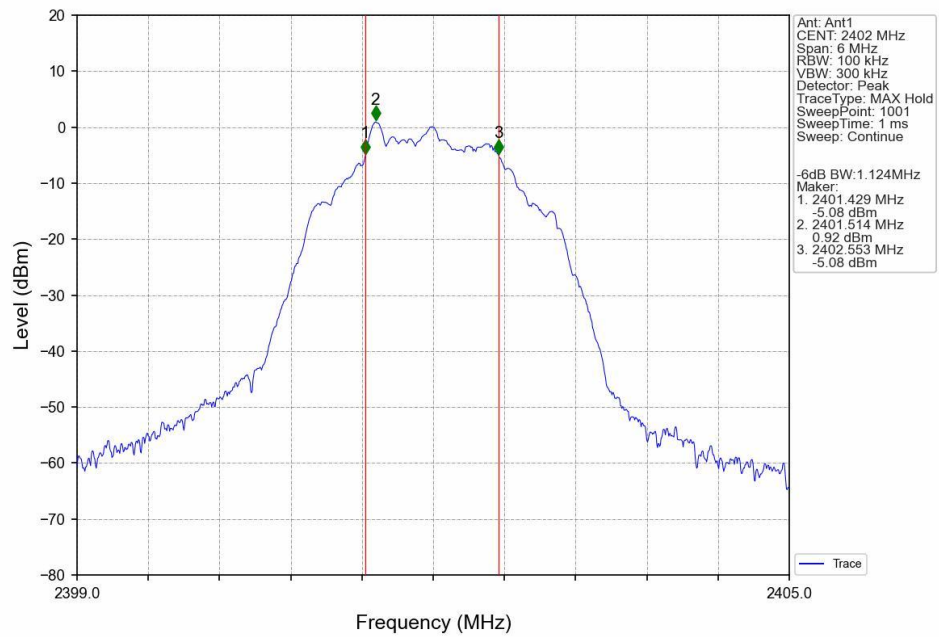
2.2.2 6dB BW



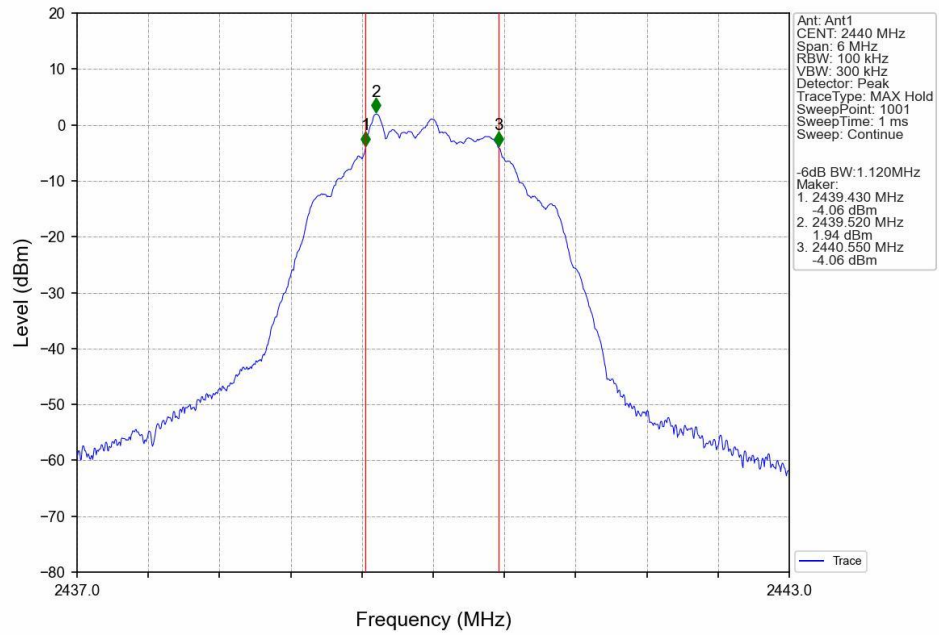
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



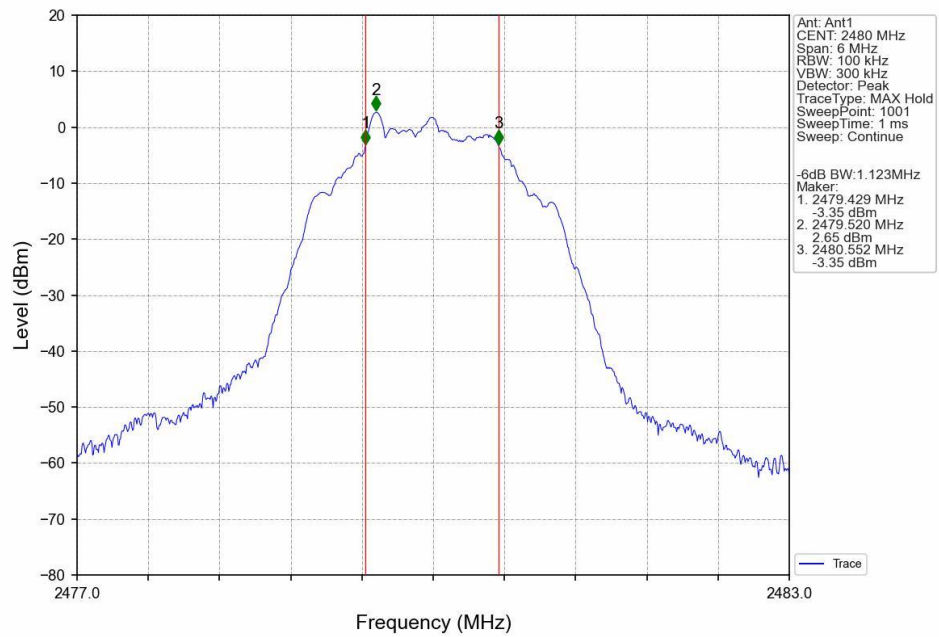
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



# 2M\_MCH\_2440MHz\_Ant1\_NTNV



# 2M\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

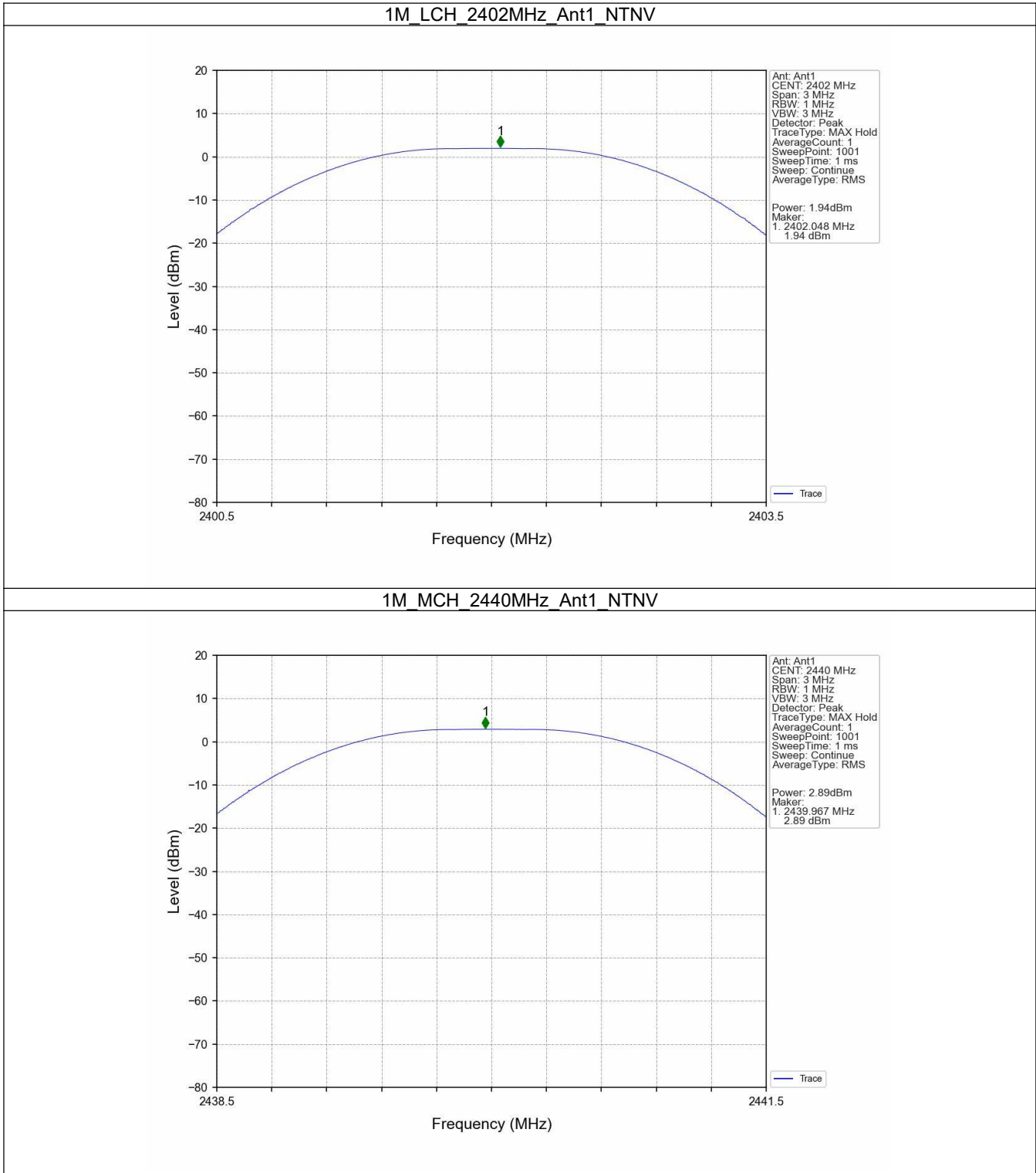
#### 3.1 Test Result

##### 3.1.1 Power

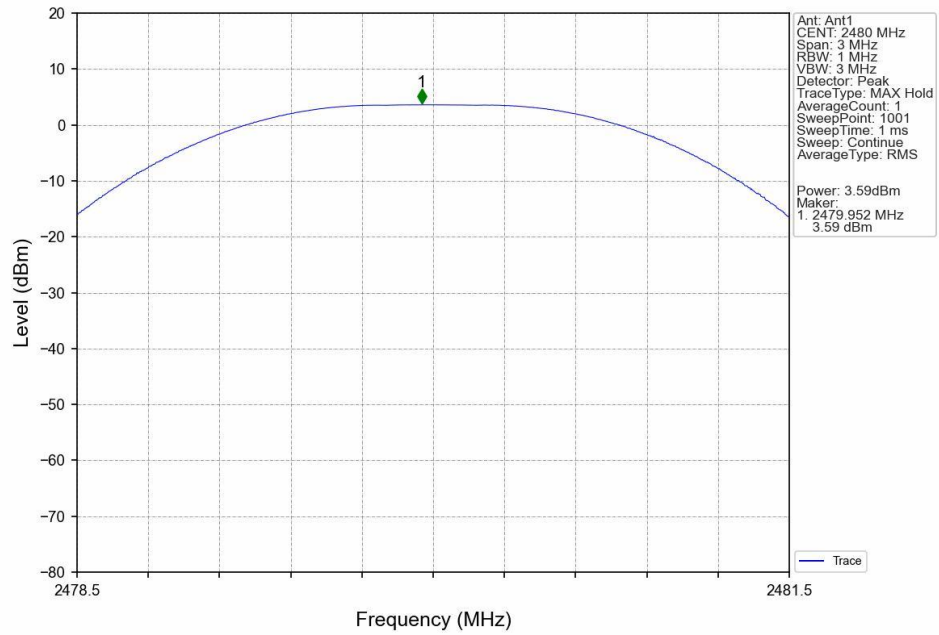
| Mode                                 | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|--------------------------------------|---------|-----------------|-------------------------------------------|-------|---------|
|                                      |         |                 | ANT1                                      | Limit |         |
| 1M                                   | SISO    | 2402            | 1.94                                      | <=30  | Pass    |
|                                      |         | 2440            | 2.89                                      | <=30  | Pass    |
|                                      |         | 2480            | 3.59                                      | <=30  | Pass    |
| 2M                                   | SISO    | 2402            | 1.89                                      | <=30  | Pass    |
|                                      |         | 2440            | 2.86                                      | <=30  | Pass    |
|                                      |         | 2480            | 3.58                                      | <=30  | Pass    |
| Note1: Antenna Gain: Ant1: -0.61dBi; |         |                 |                                           |       |         |

3.2 Test Graph

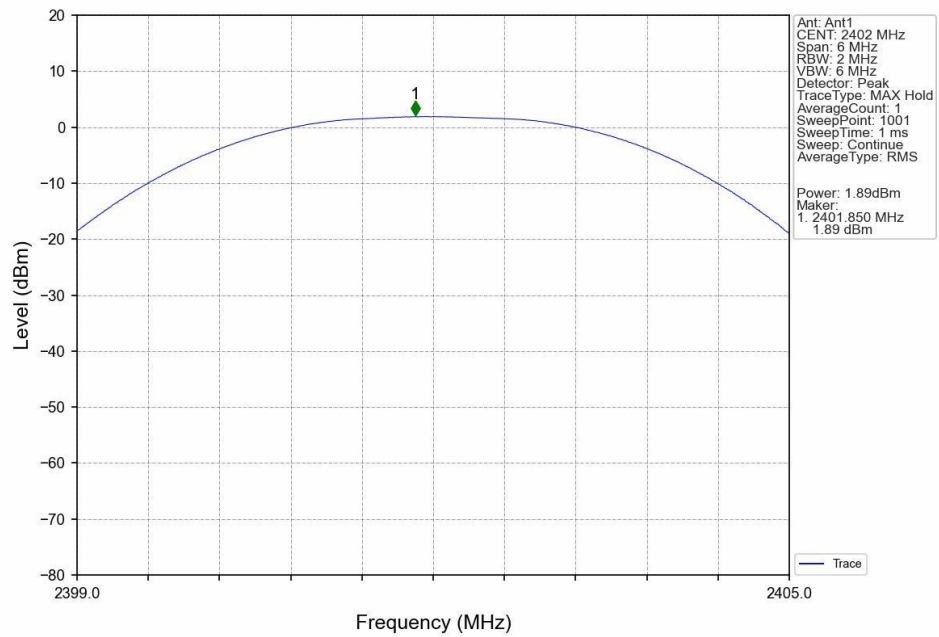
3.2.1 Power



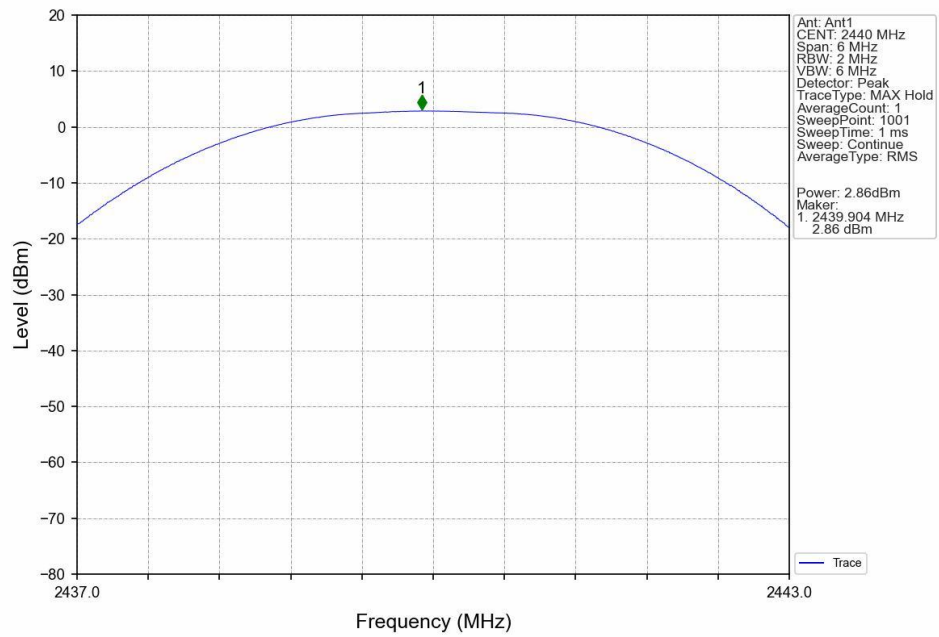
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



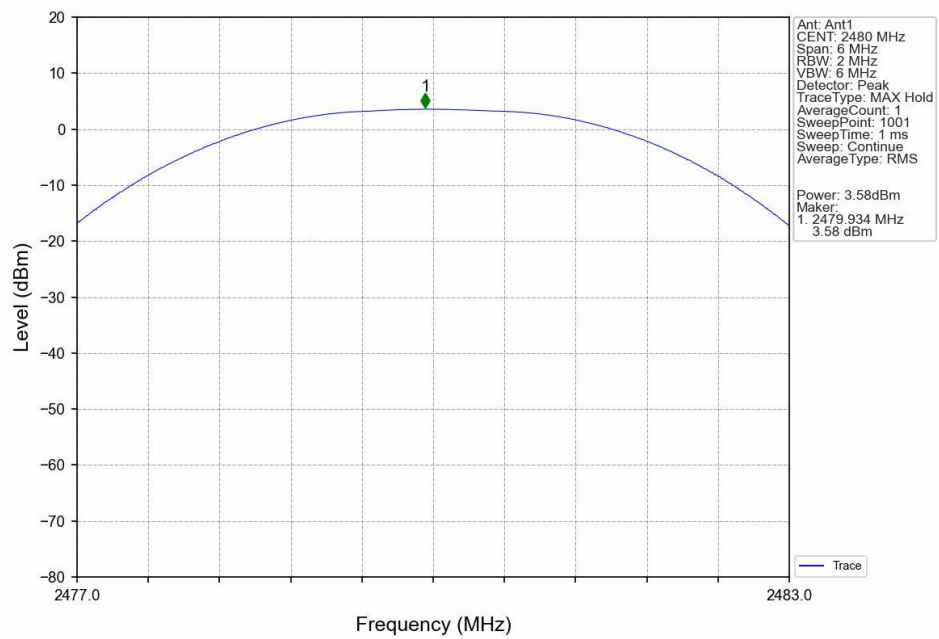
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



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



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



## 4. Maximum Power Spectral Density

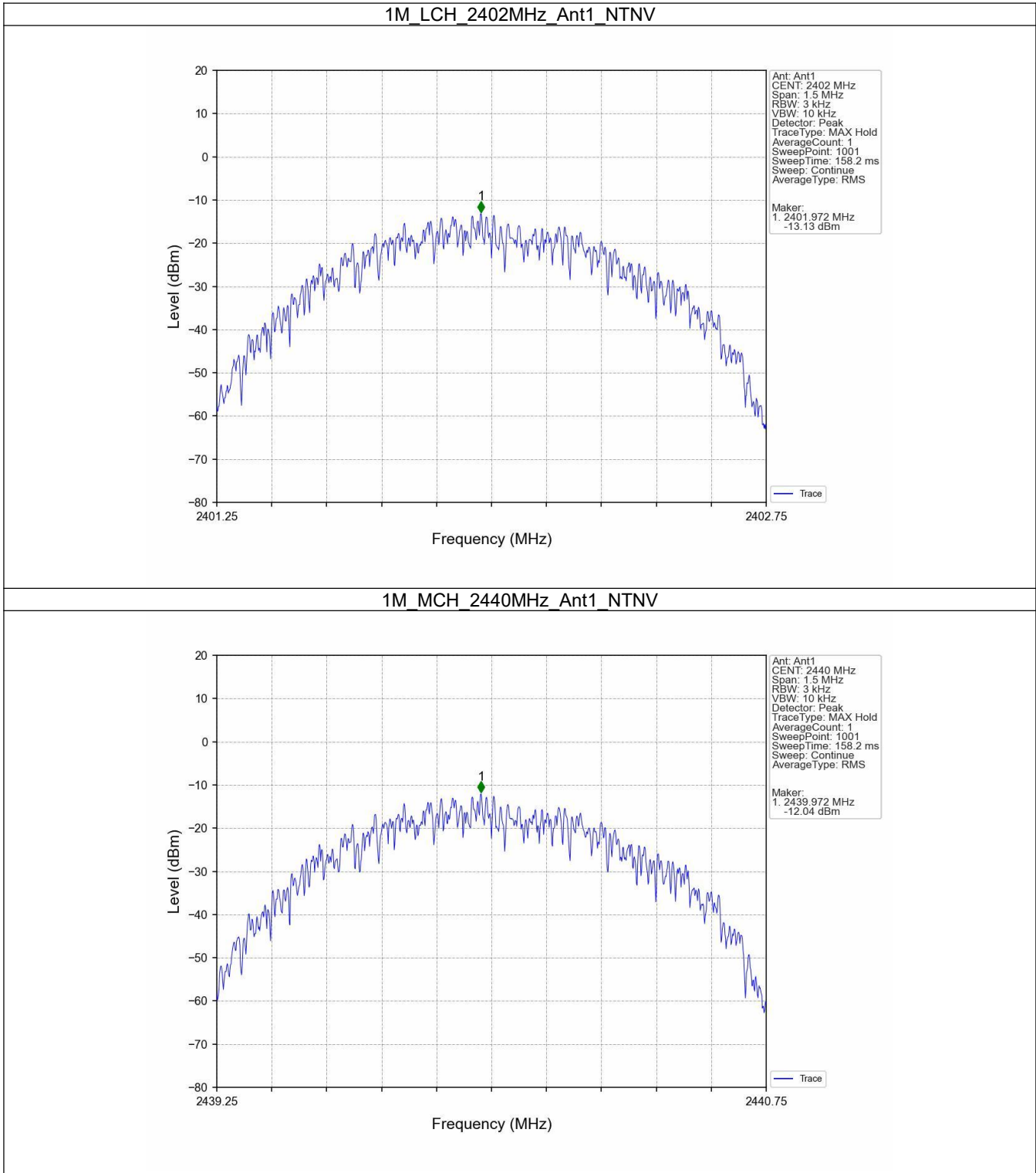
### 4.1 Test Result

#### 4.1.1 PSD

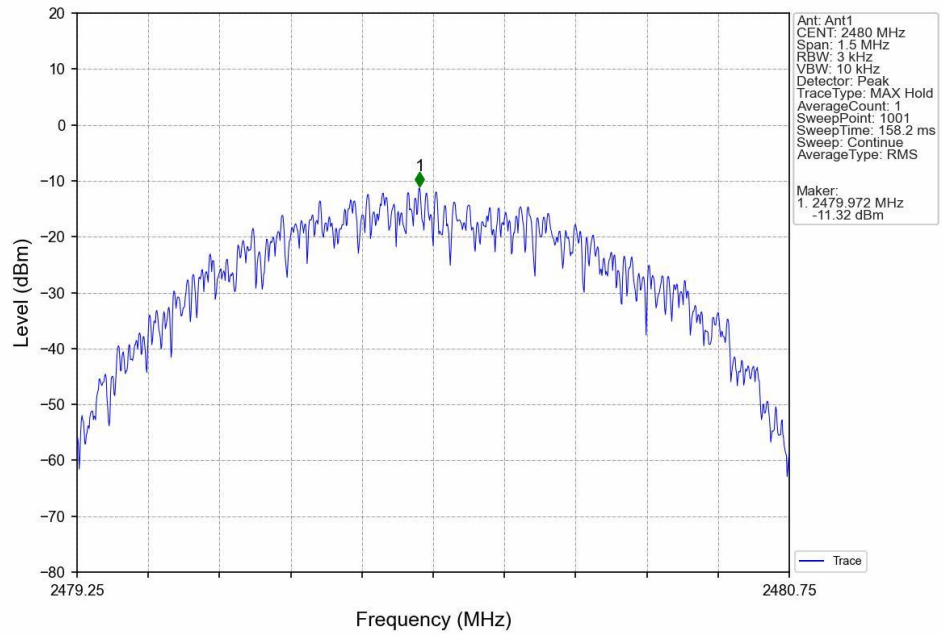
| Mode                                 | TX Type | Frequency (MHz) | Maximum PSD (dBm) |                 | Verdict |
|--------------------------------------|---------|-----------------|-------------------|-----------------|---------|
|                                      |         |                 | ANT1              | Limit(dBm/3kHz) |         |
| 1M                                   | SISO    | 2402            | -13.13dBm/3kHz    | <=8             | Pass    |
|                                      |         | 2440            | -12.04dBm/3kHz    | <=8             | Pass    |
|                                      |         | 2480            | -11.32dBm/3kHz    | <=8             | Pass    |
| 2M                                   | SISO    | 2402            | -15.30dBm/3kHz    | <=8             | Pass    |
|                                      |         | 2440            | -14.27dBm/3kHz    | <=8             | Pass    |
|                                      |         | 2480            | -13.45dBm/3kHz    | <=8             | Pass    |
| Note1: Antenna Gain: Ant1: -0.61dBi; |         |                 |                   |                 |         |

4.2 Test Graph

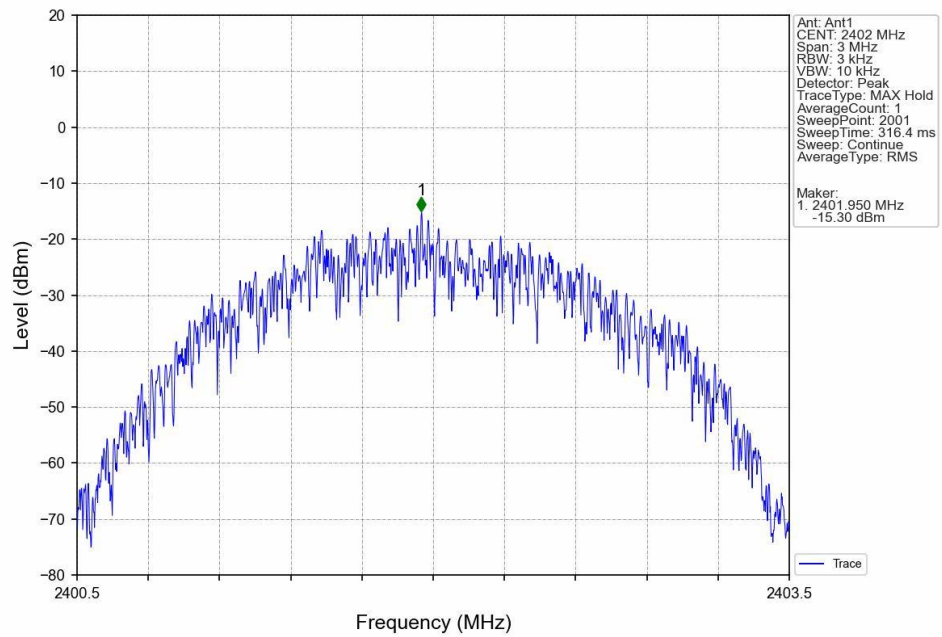
4.2.1 PSD



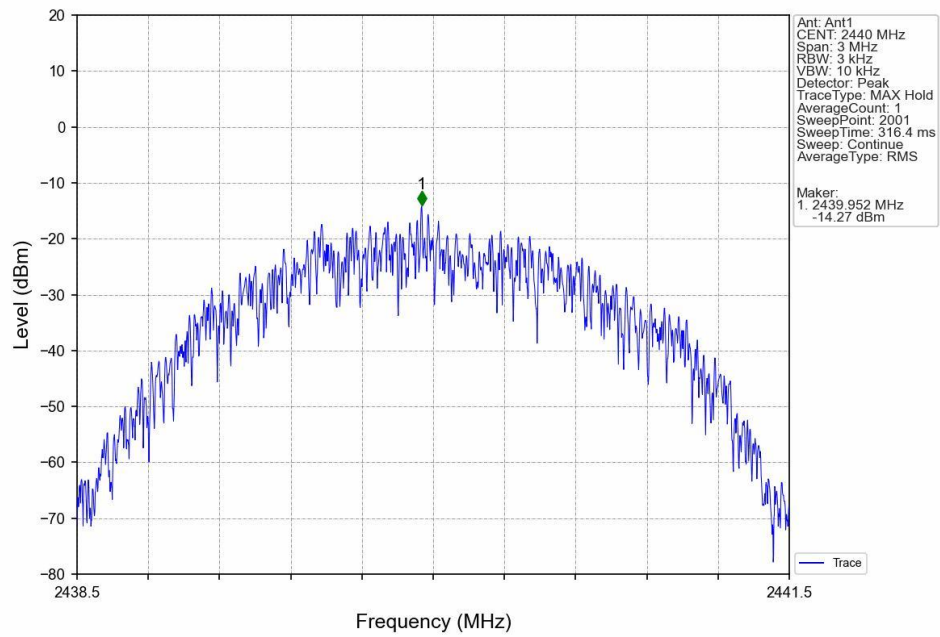
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



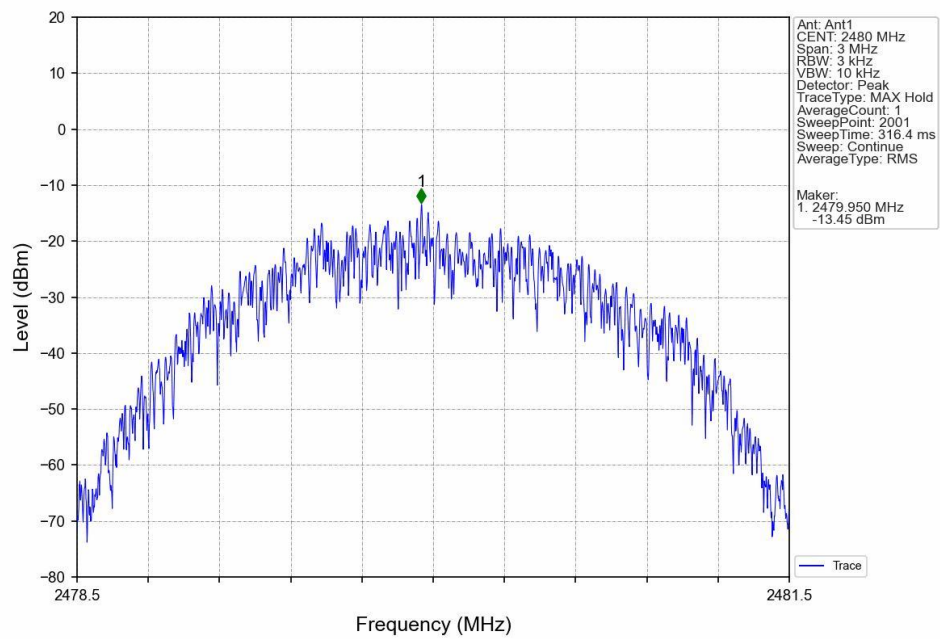
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



### 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

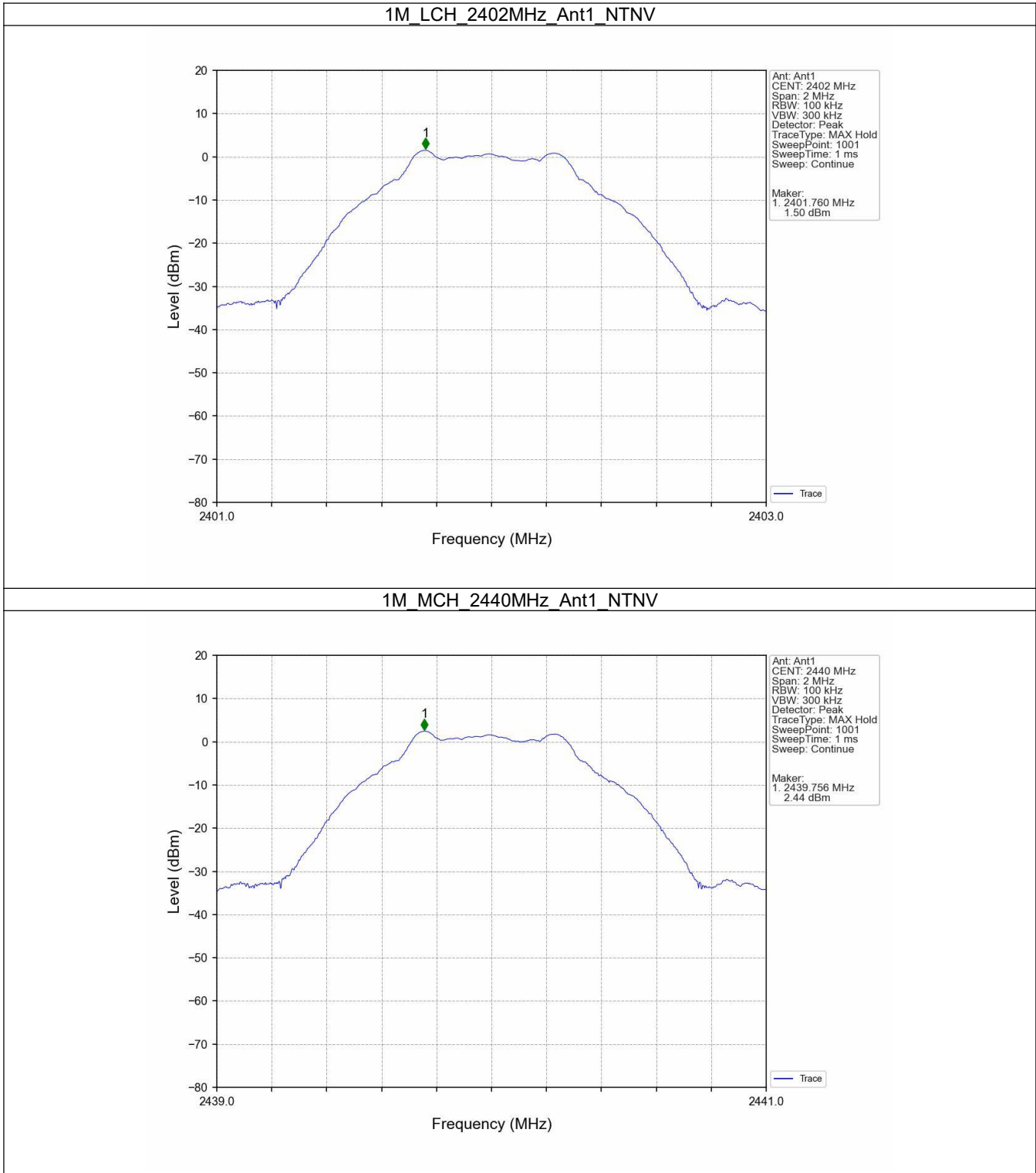
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | 1.50                     |
|      |         | 2440            | 1   | 2.44                     |
|      |         | 2480            | 1   | 3.15                     |
| 2M   | SISO    | 2402            | 1   | 0.91                     |
|      |         | 2440            | 1   | 1.89                     |
|      |         | 2480            | 1   | 2.60                     |

#### 5.1.2 CSE

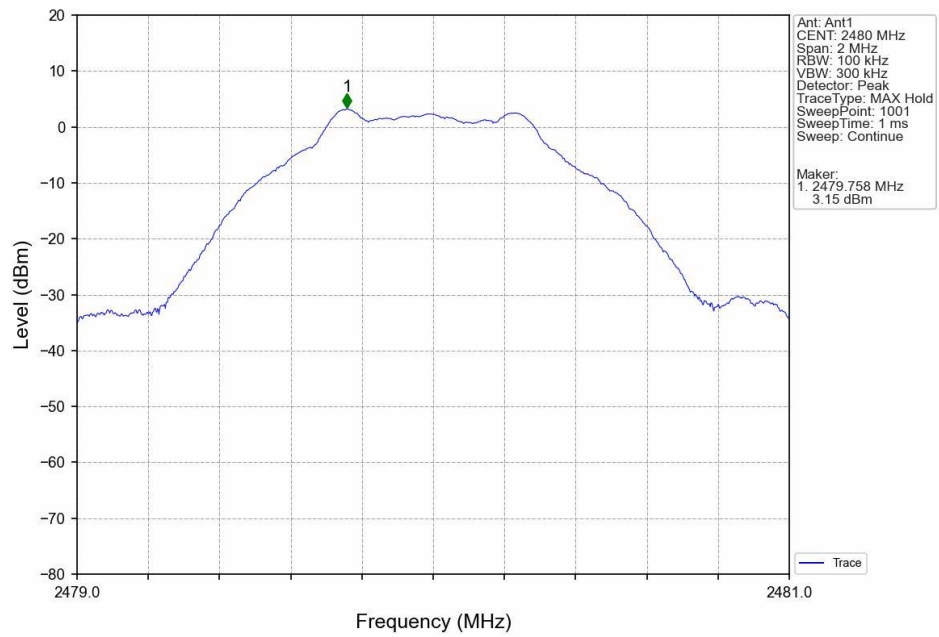
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M   | SISO    | 2402            | 1   | 1.50                     | -18.50      | Pass    |
|      |         | 2440            | 1   | 2.44                     | -17.56      | Pass    |
|      |         | 2480            | 1   | 3.15                     | -16.85      | Pass    |
| 2M   | SISO    | 2402            | 1   | 0.91                     | -19.09      | Pass    |
|      |         | 2440            | 1   | 1.89                     | -18.11      | Pass    |
|      |         | 2480            | 1   | 2.60                     | -17.40      | Pass    |

5.2 Test Graph

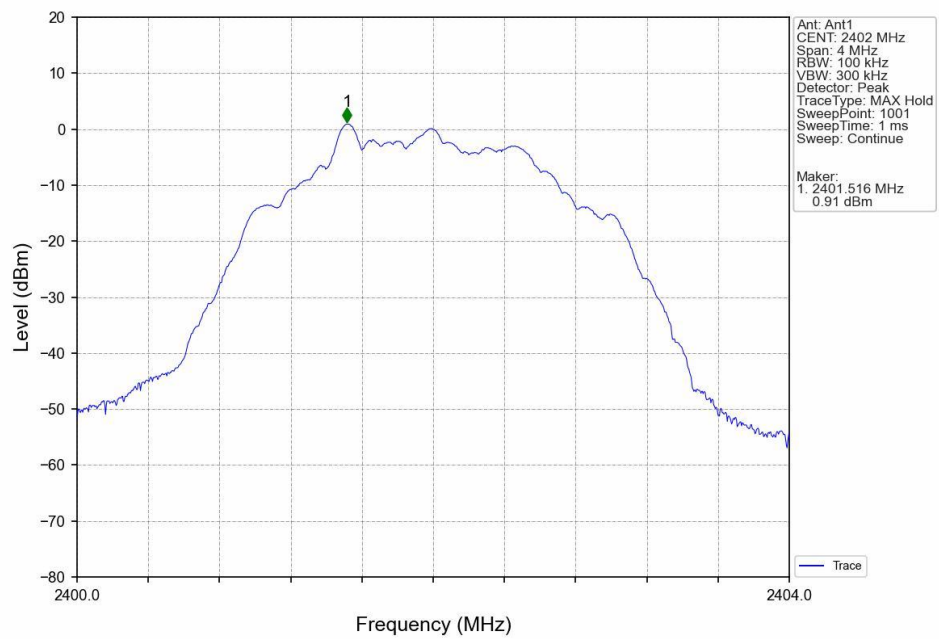
5.2.1 Ref



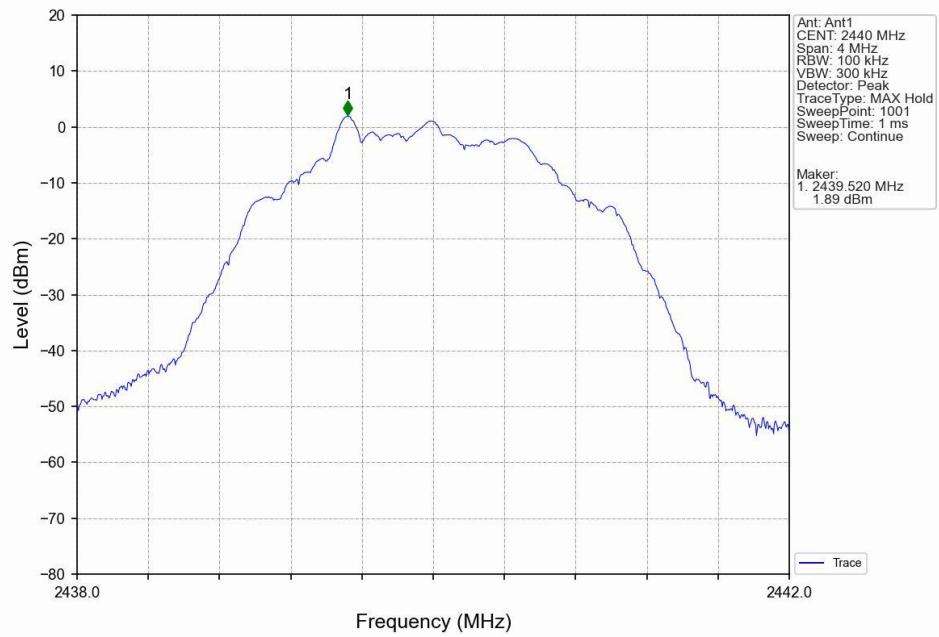
1M\_HCH\_2480MHz\_Ant1\_NTNV



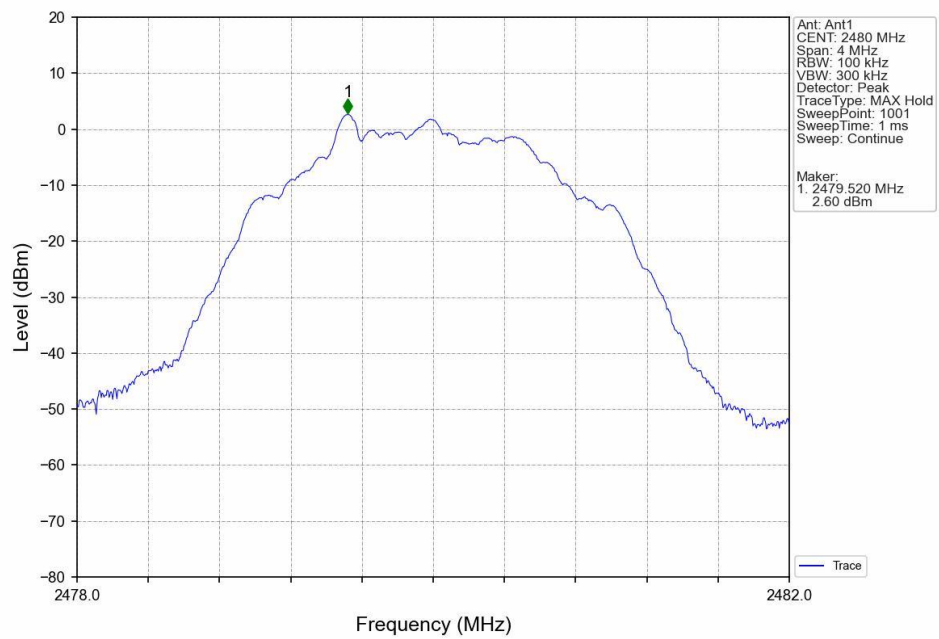
2M\_LCH\_2402MHz\_Ant1\_NTNV



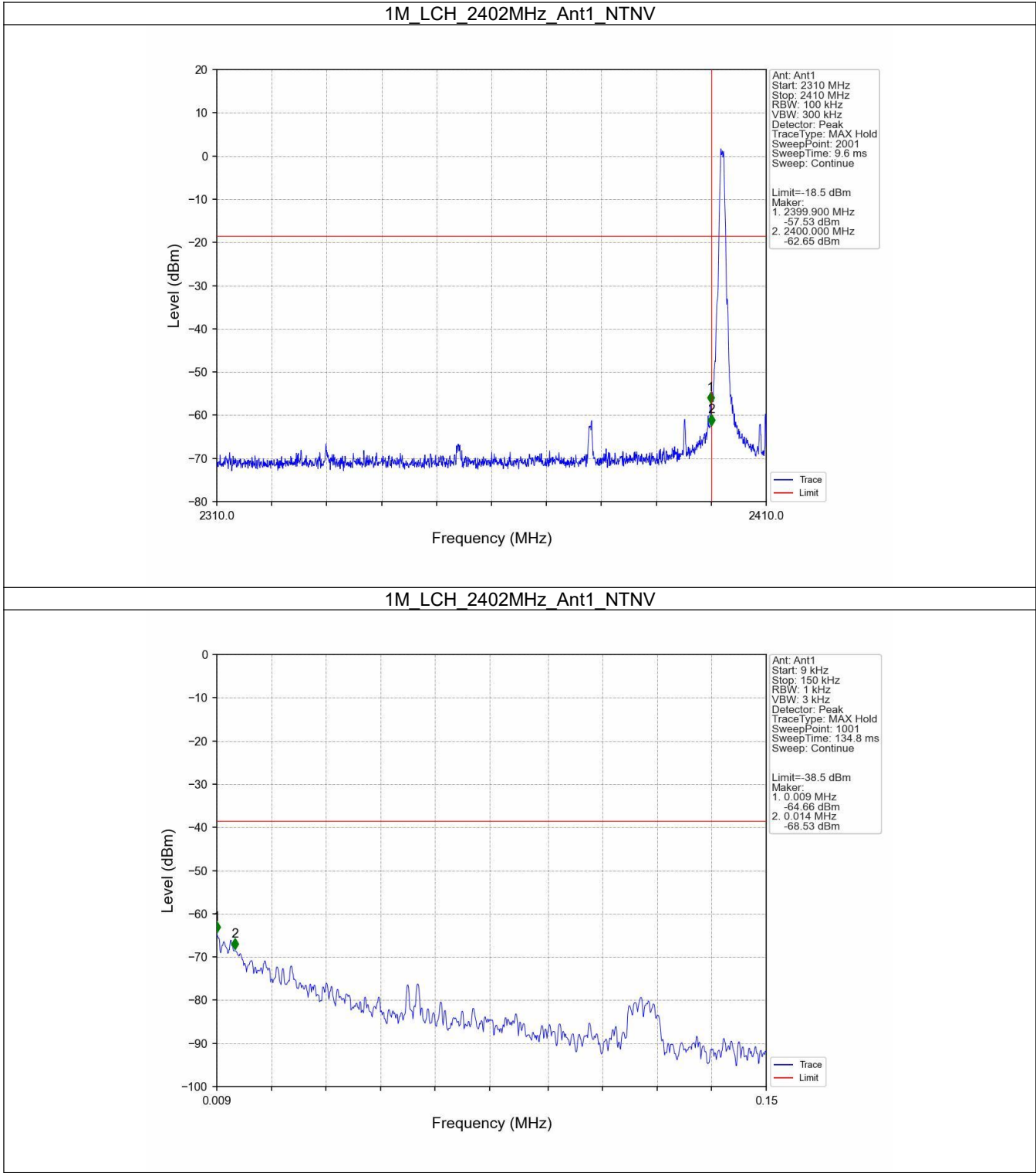
### 2M\_MCH\_2440MHz\_Ant1\_NTNV



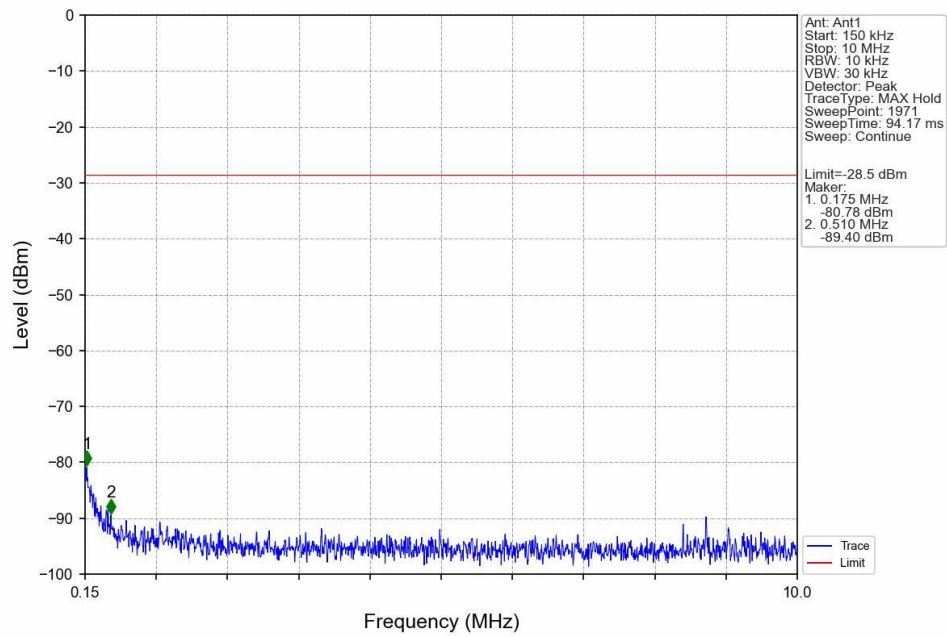
### 2M\_HCH\_2480MHz\_Ant1\_NTNV



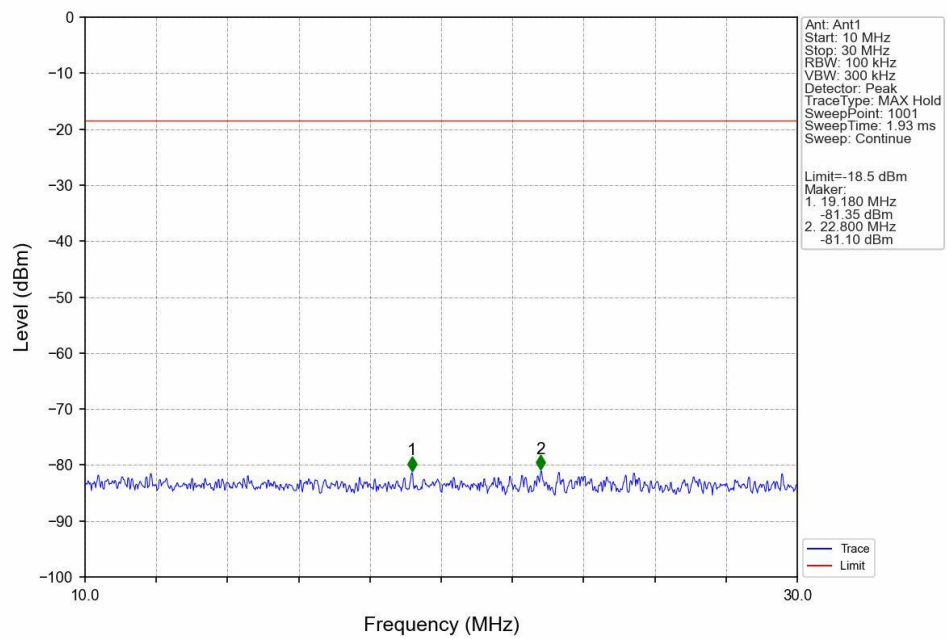
5.2.2 CSE



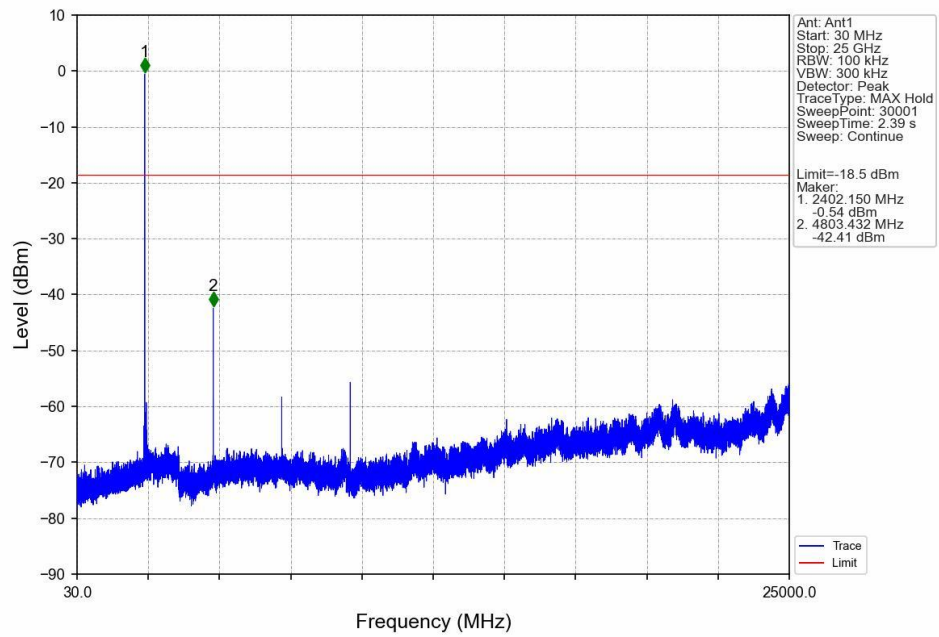
# 1M\_LCH\_2402MHz\_Ant1\_NTNV



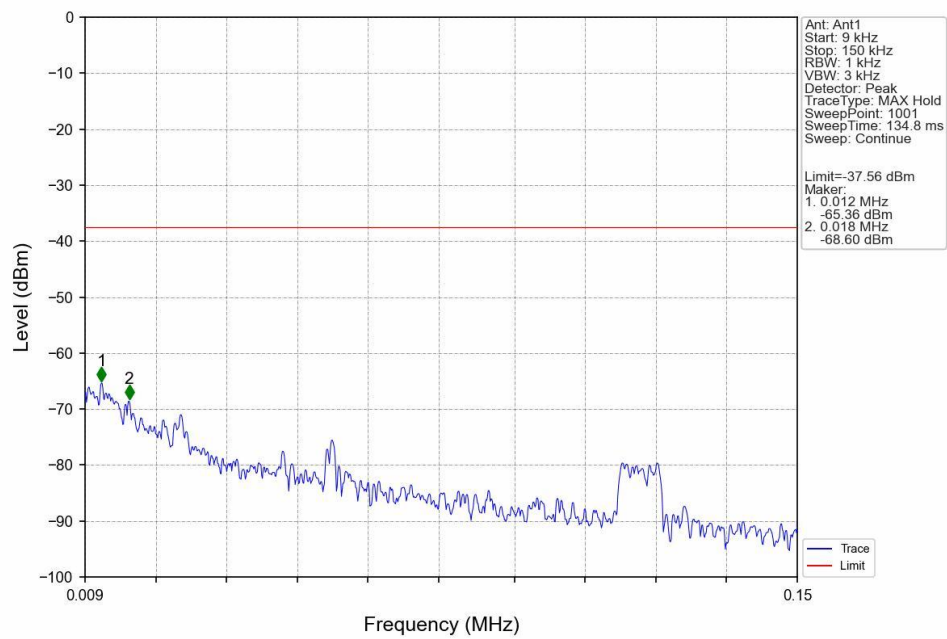
# 1M\_LCH\_2402MHz\_Ant1\_NTNV



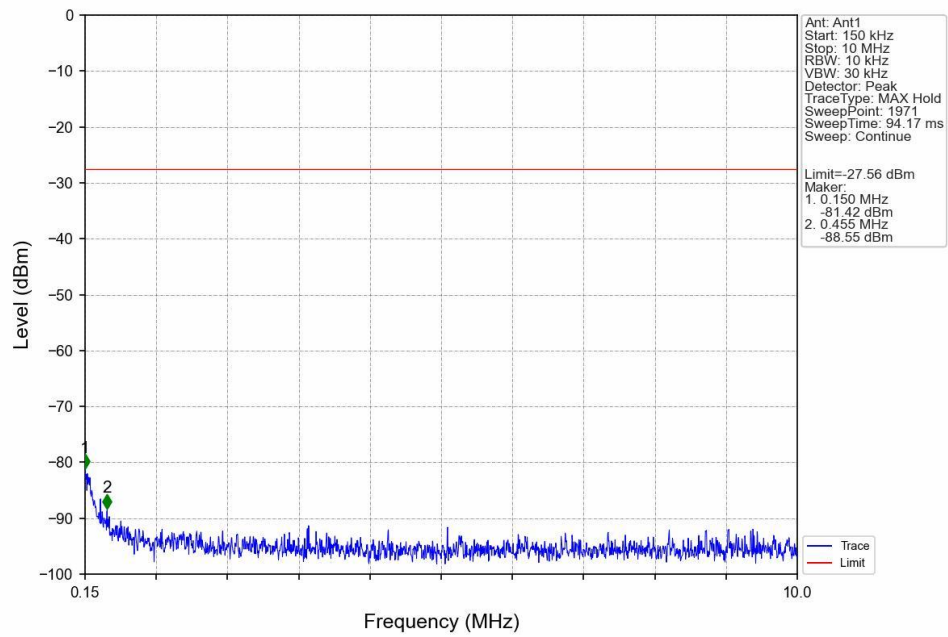
# 1M\_LCH\_2402MHz\_Ant1\_NTNV



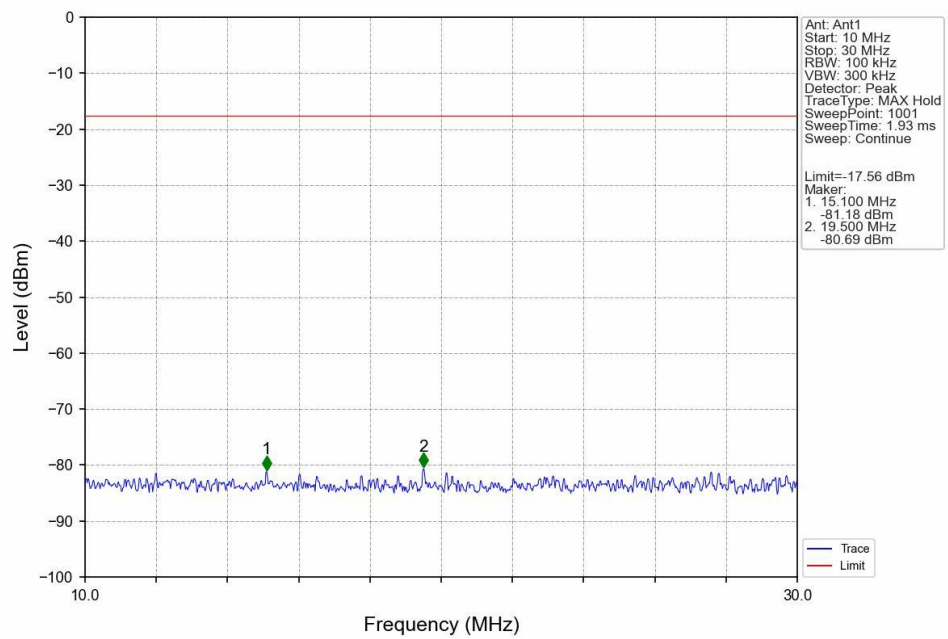
# 1M\_MCH\_2440MHz\_Ant1\_NTNV



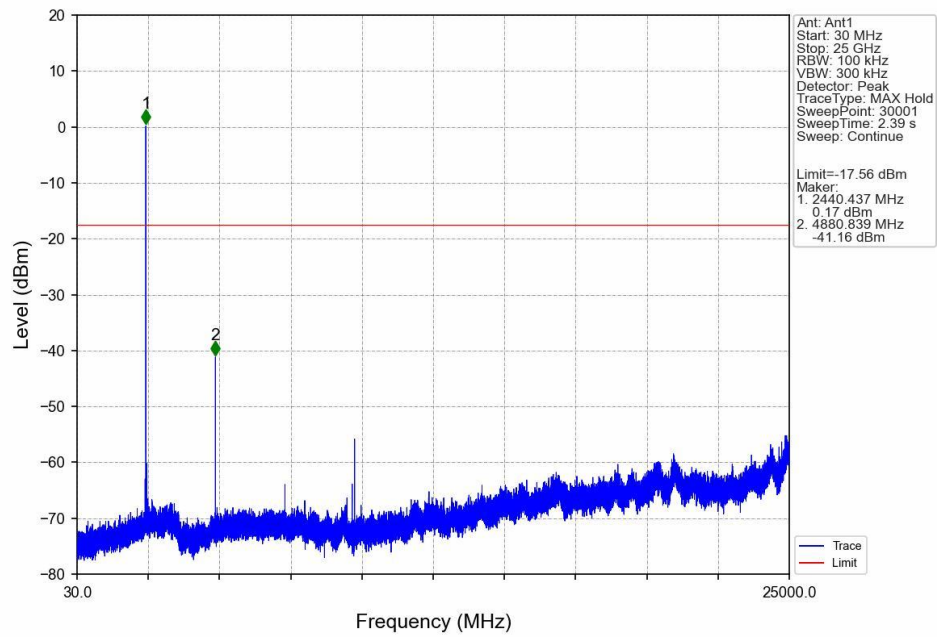
# 1M\_MCH\_2440MHz\_Ant1\_NTNV



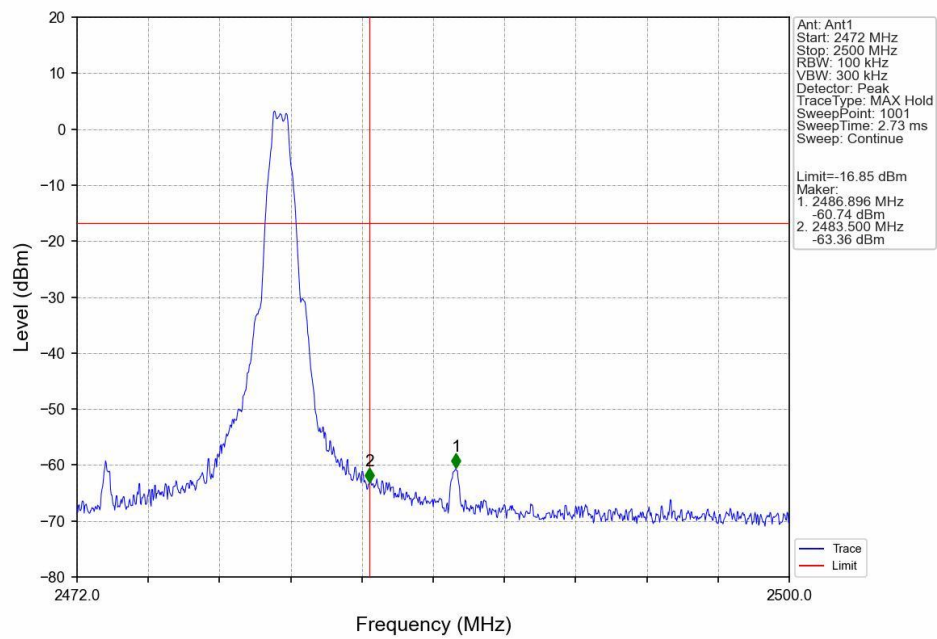
# 1M\_MCH\_2440MHz\_Ant1\_NTNV



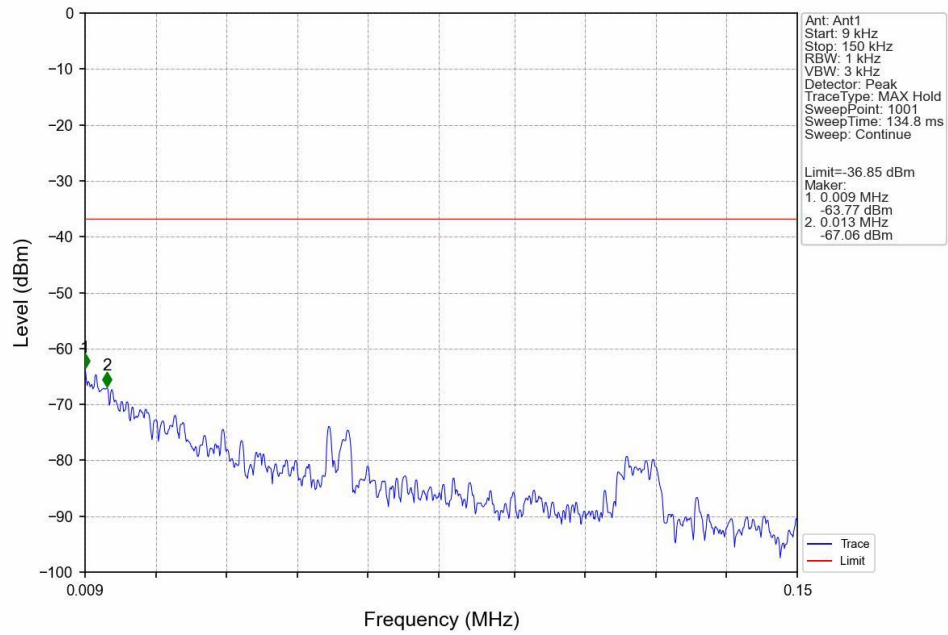
# 1M\_MCH\_2440MHz\_Ant1\_NTNV



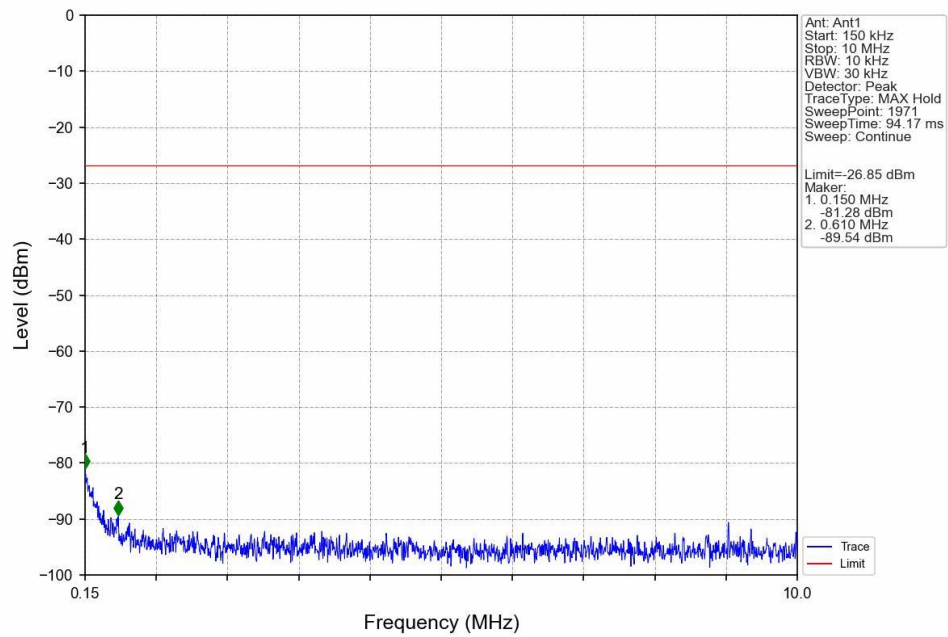
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



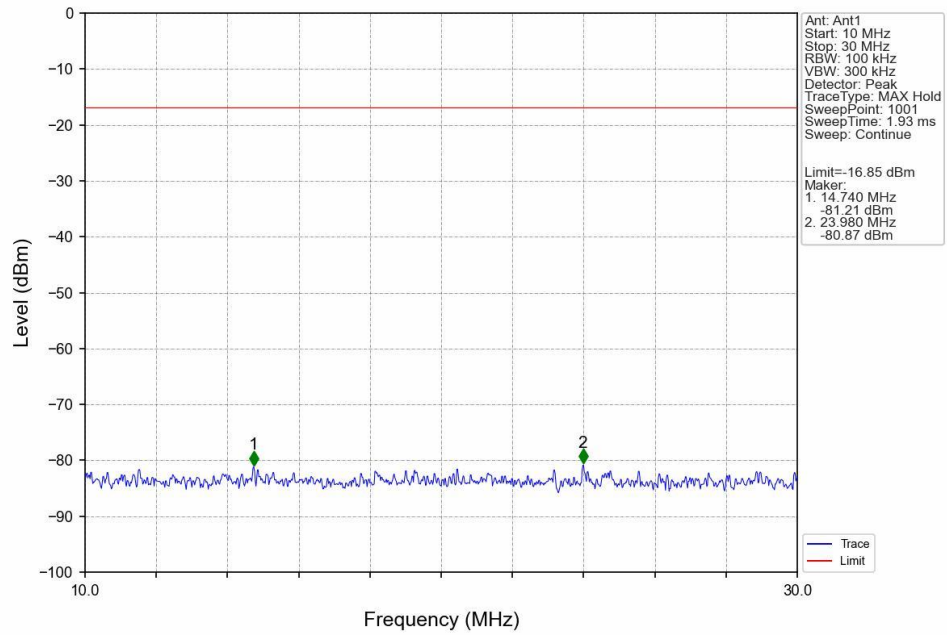
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



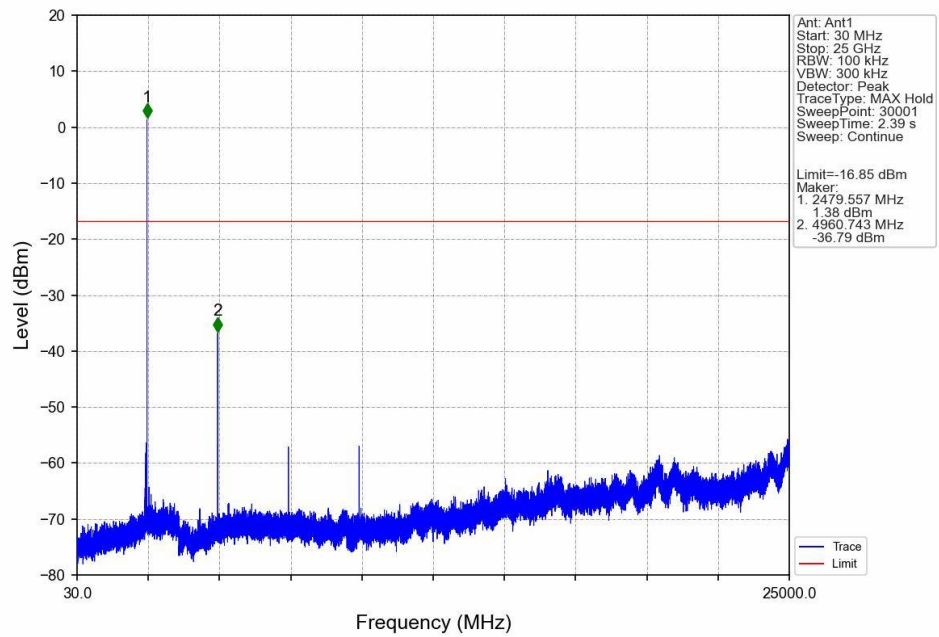
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



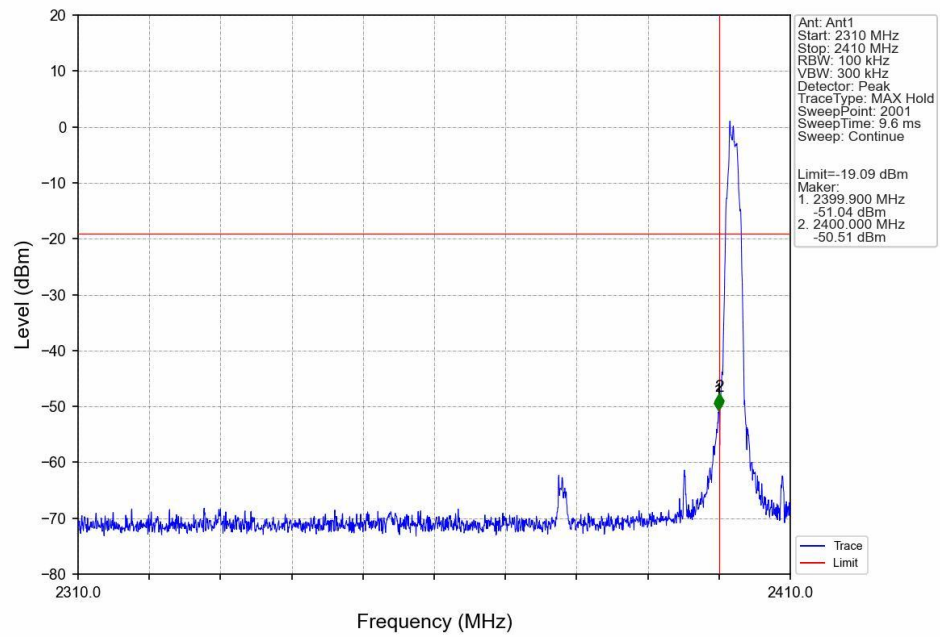
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



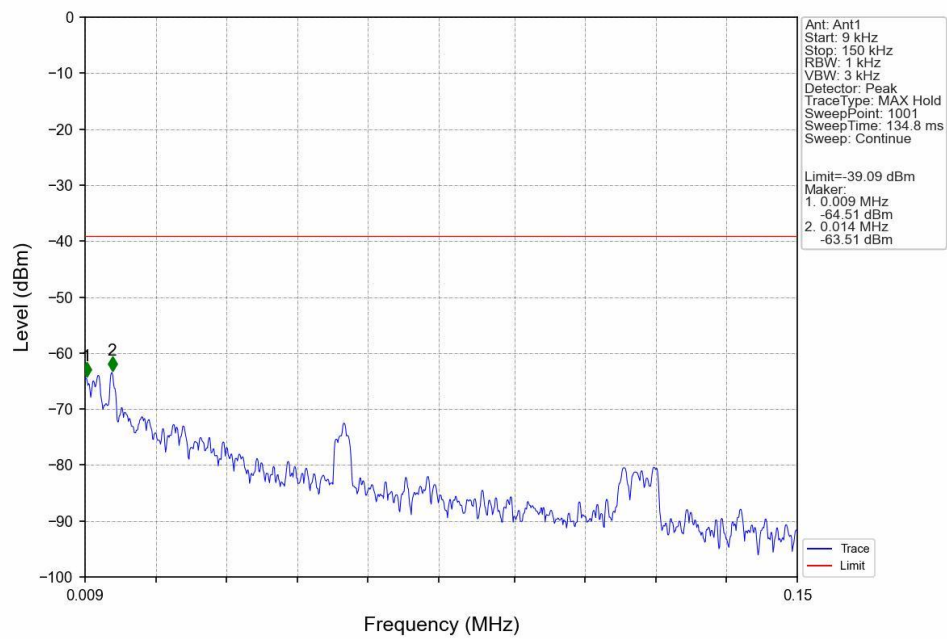
# 1M\_HCH\_2480MHz\_Ant1\_NTNV



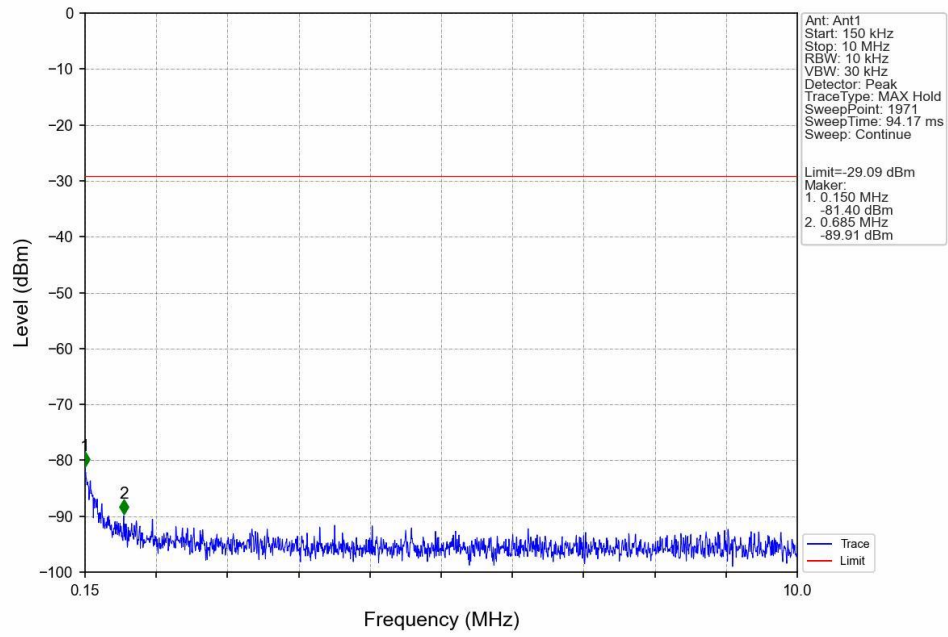
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



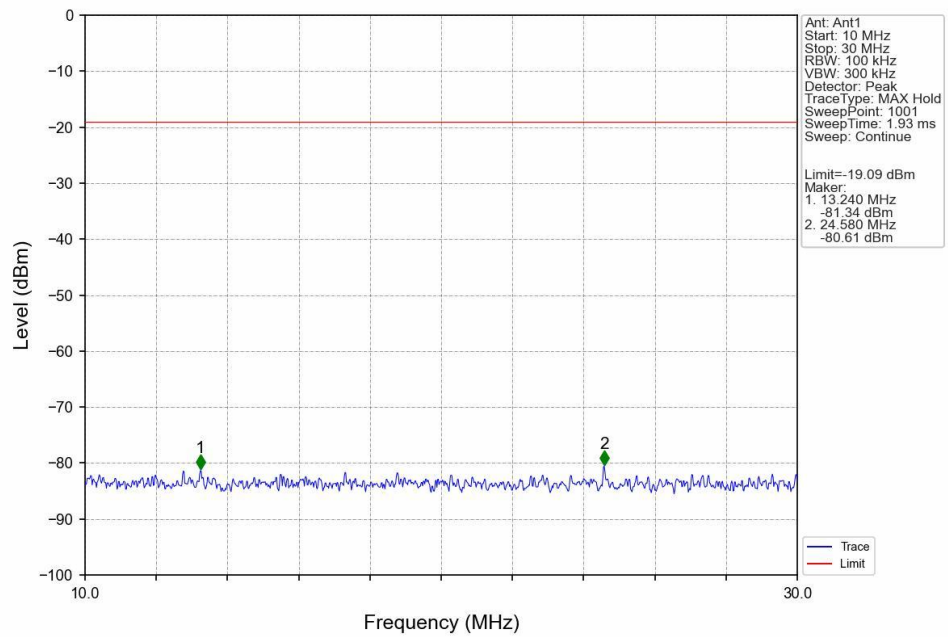
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



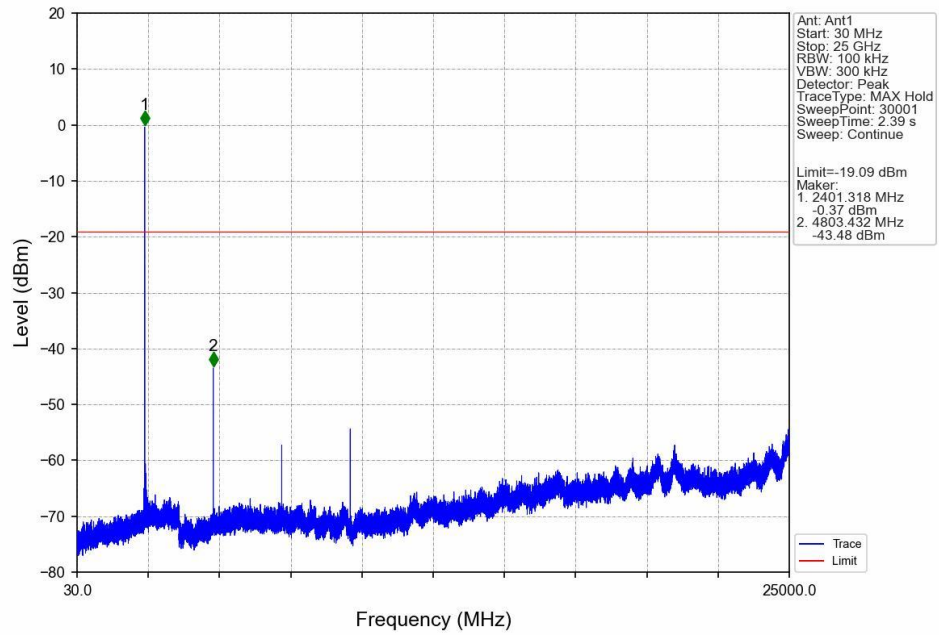
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



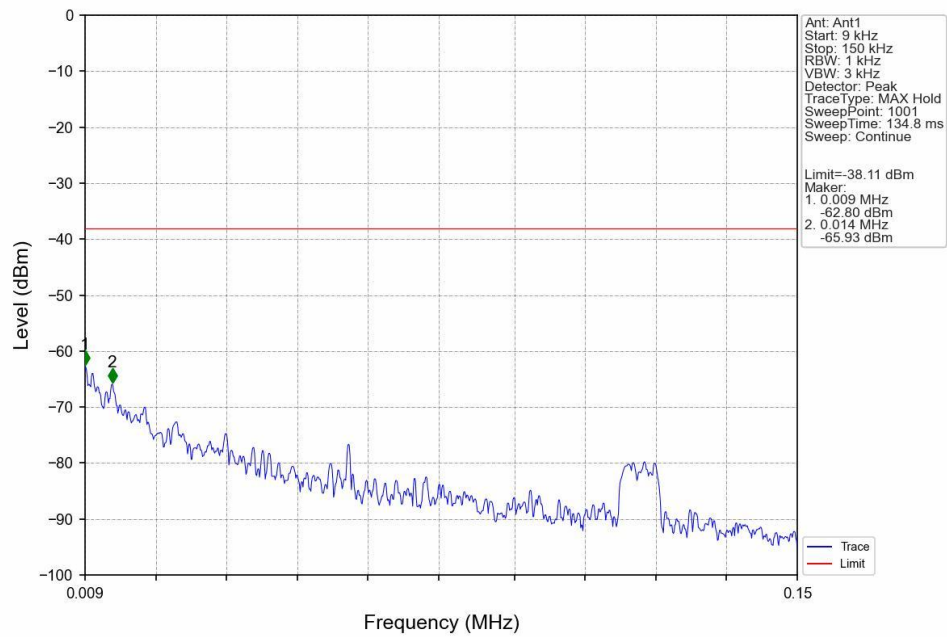
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



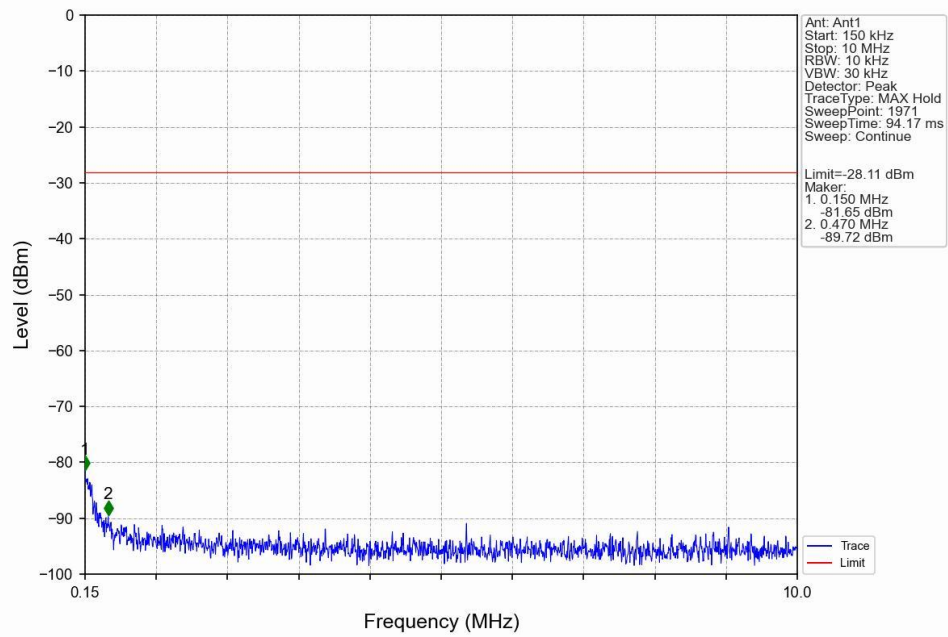
# 2M\_LCH\_2402MHz\_Ant1\_NTNV



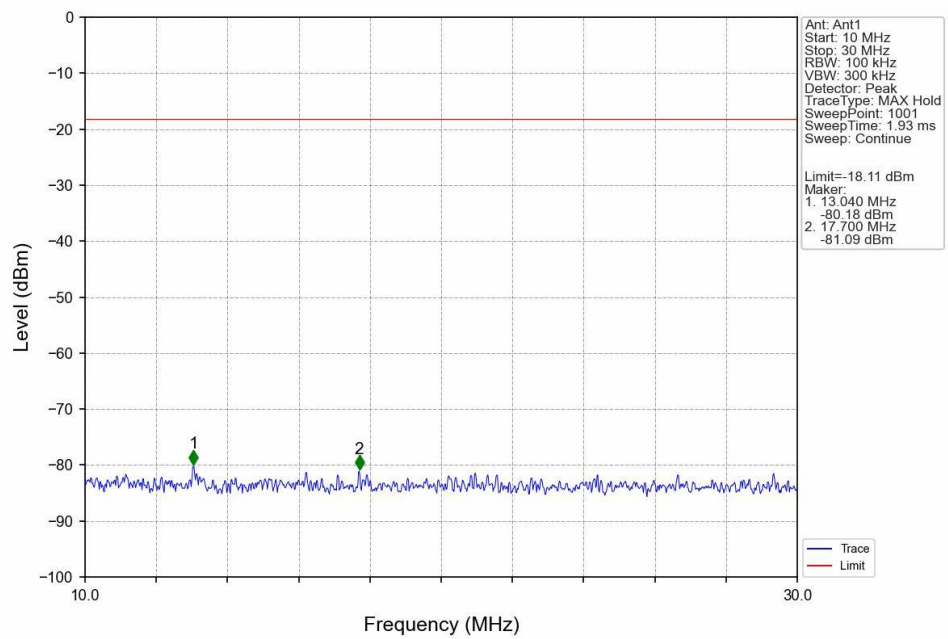
# 2M\_MCH\_2440MHz\_Ant1\_NTNV



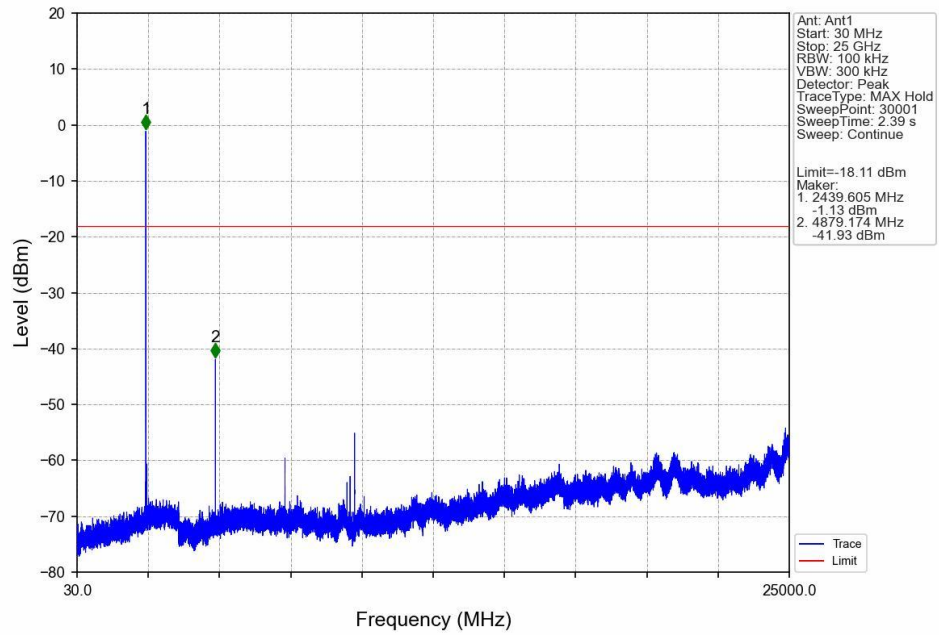
# 2M\_MCH\_2440MHz\_Ant1\_NTNV



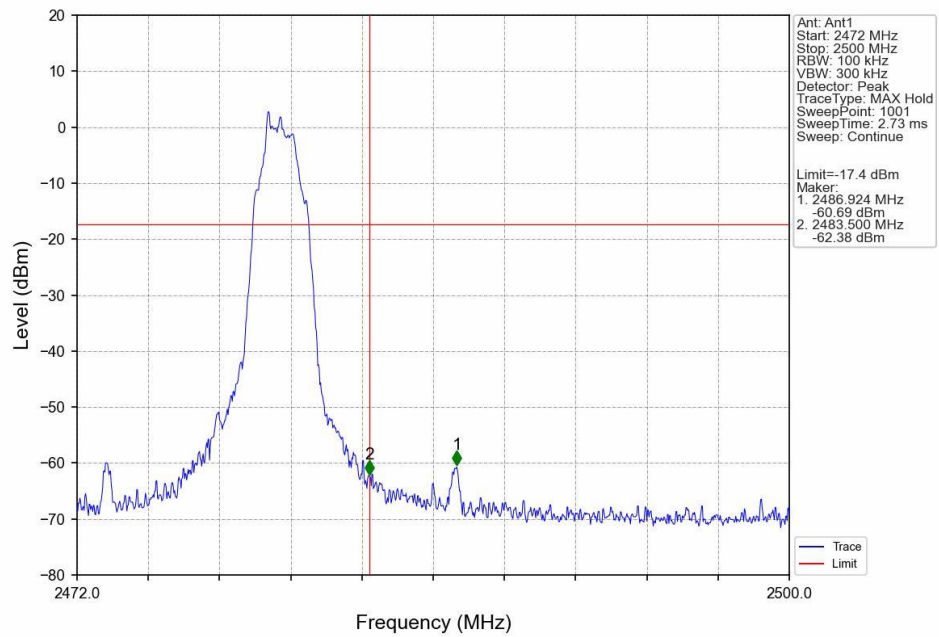
# 2M\_MCH\_2440MHz\_Ant1\_NTNV



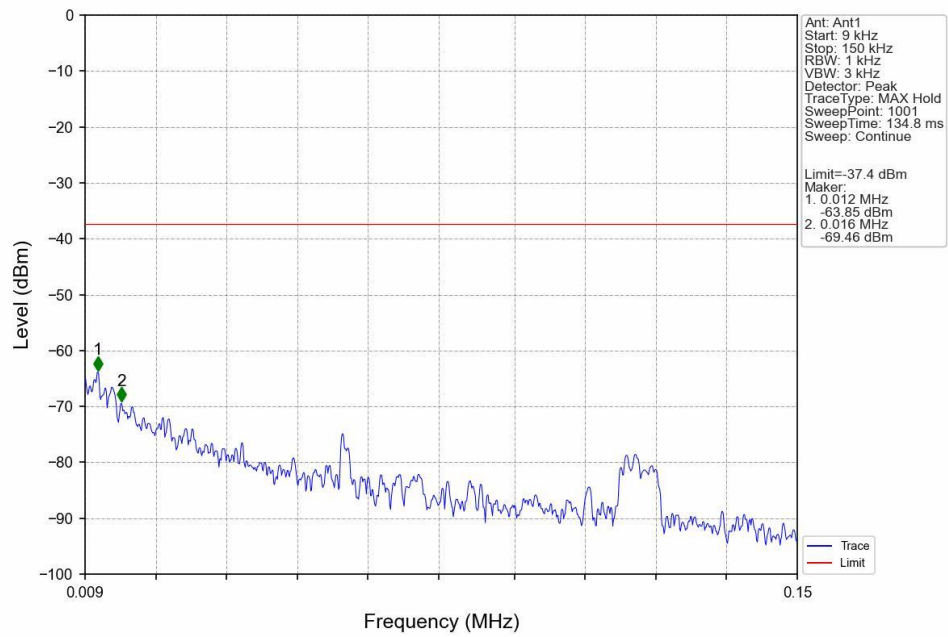
# 2M\_MCH\_2440MHz\_Ant1\_NTNV



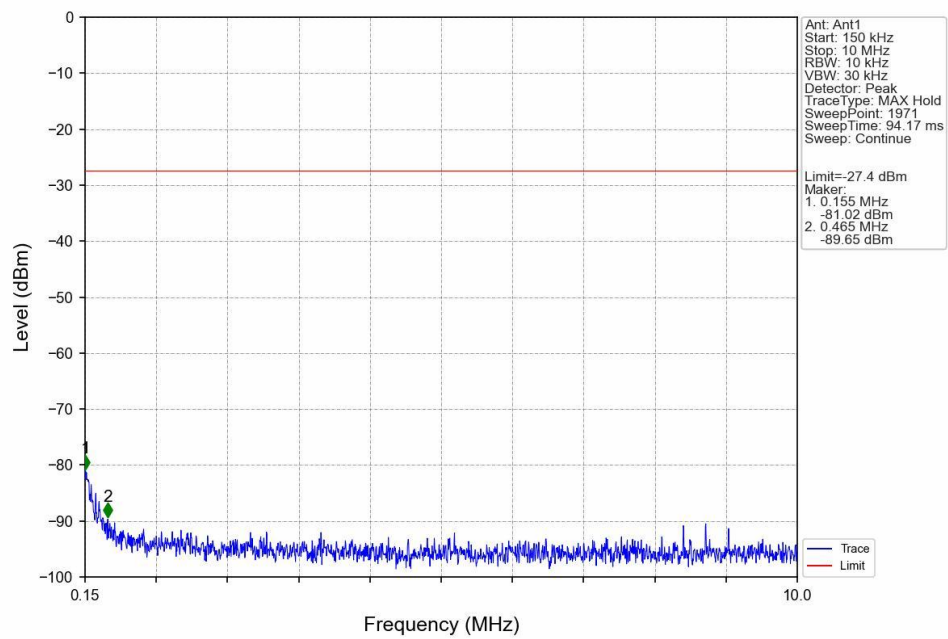
# 2M\_HCH\_2480MHz\_Ant1\_NTNV



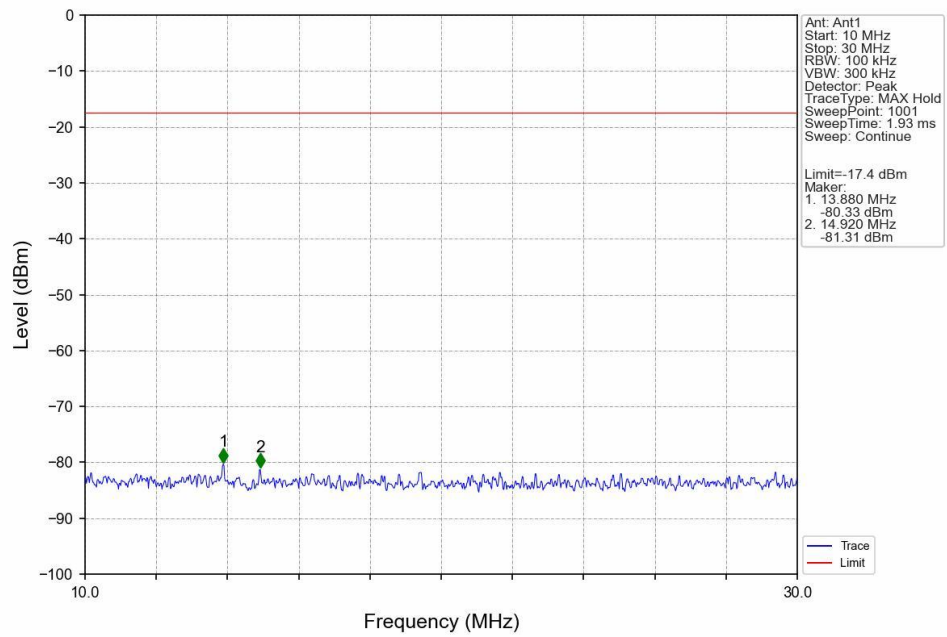
# 2M\_HCH\_2480MHz\_Ant1\_NTNV



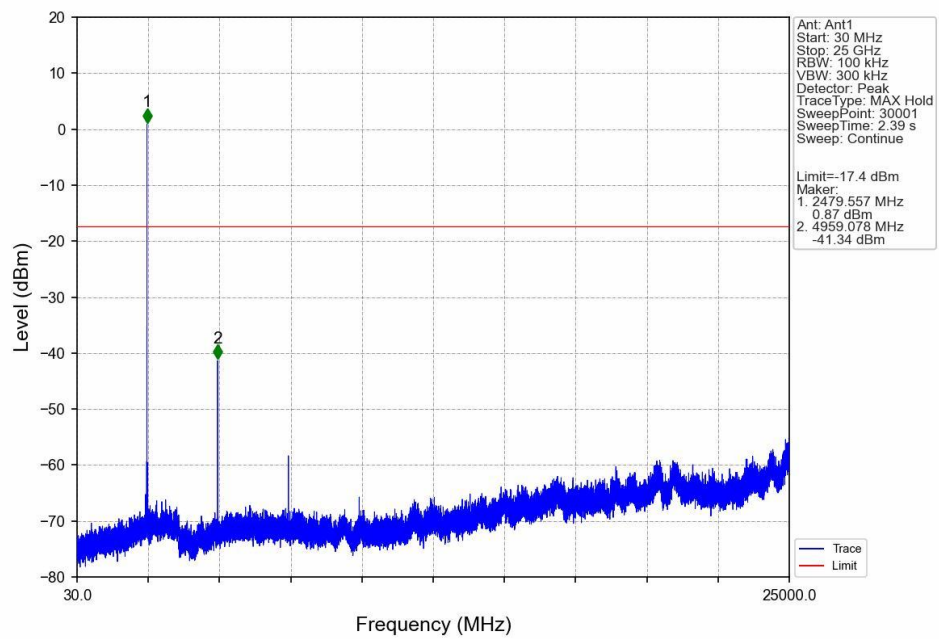
# 2M\_HCH\_2480MHz\_Ant1\_NTNV



# 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            | 0.0023        | 3.59            |