



Shenzhen CTL Testing Technology Co., Ltd.

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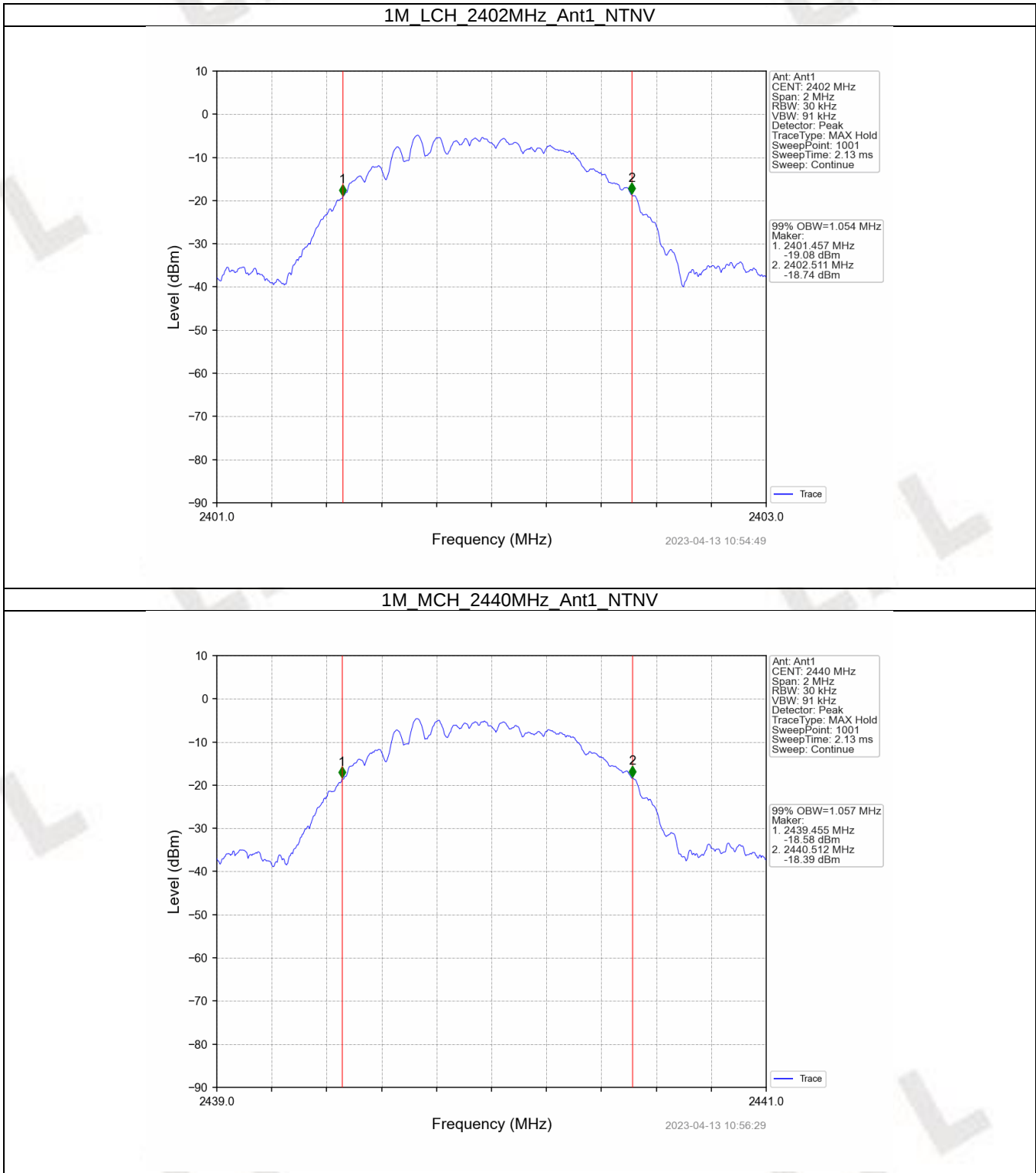
## 1. Bandwidth

### 1.1 OBW

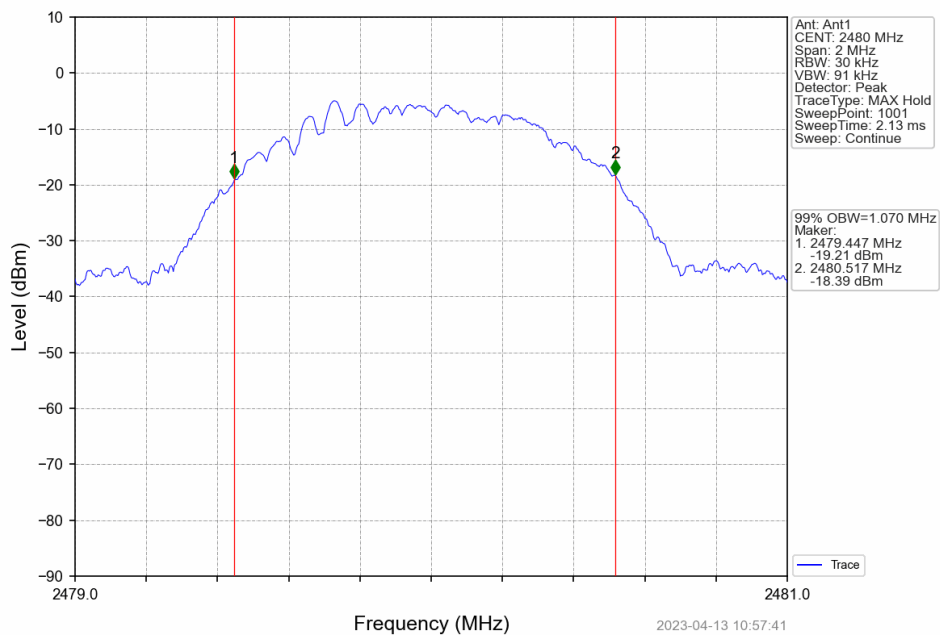
#### 1.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | Verdict |
|------|---------|-----------------|-----|------------------------------|---------|
|      |         |                 |     | Result                       |         |
| 1M   | SISO    | 2402            | 1   | 1.054                        | Pass    |
|      |         | 2440            | 1   | 1.057                        | Pass    |
|      |         | 2480            | 1   | 1.070                        | Pass    |
| 2M   | SISO    | 2402            | 1   | 2.077                        | Pass    |
|      |         | 2440            | 1   | 2.084                        | Pass    |
|      |         | 2480            | 1   | 2.087                        | Pass    |

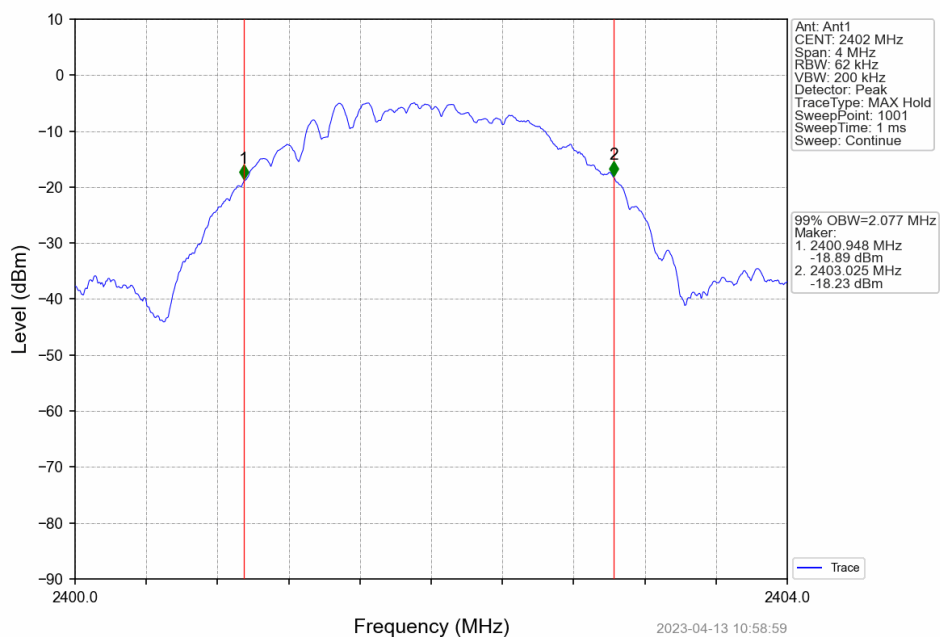
1.1.2 Test Graph



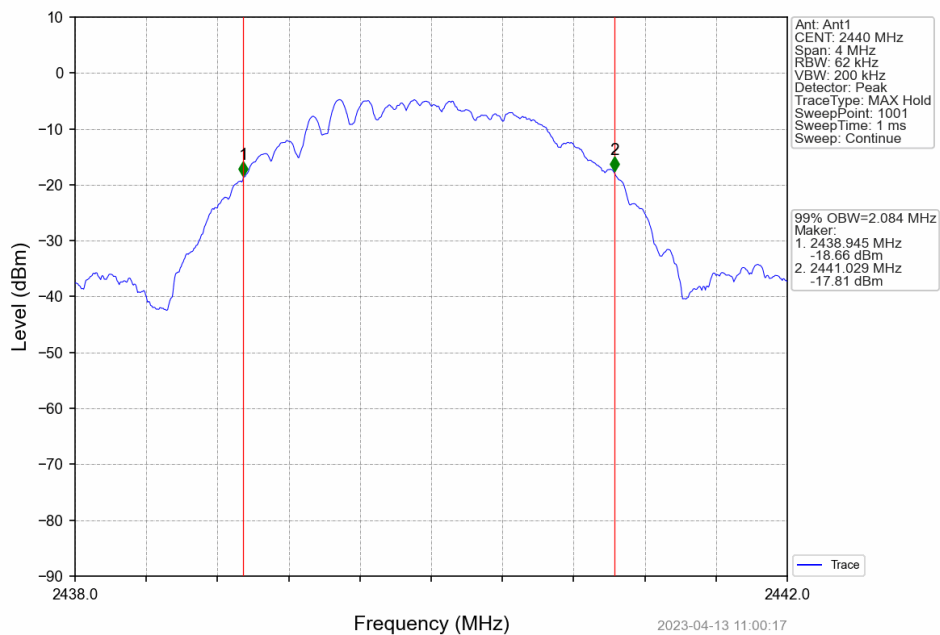
1M\_HCH\_2480MHz\_Ant1\_NTNV



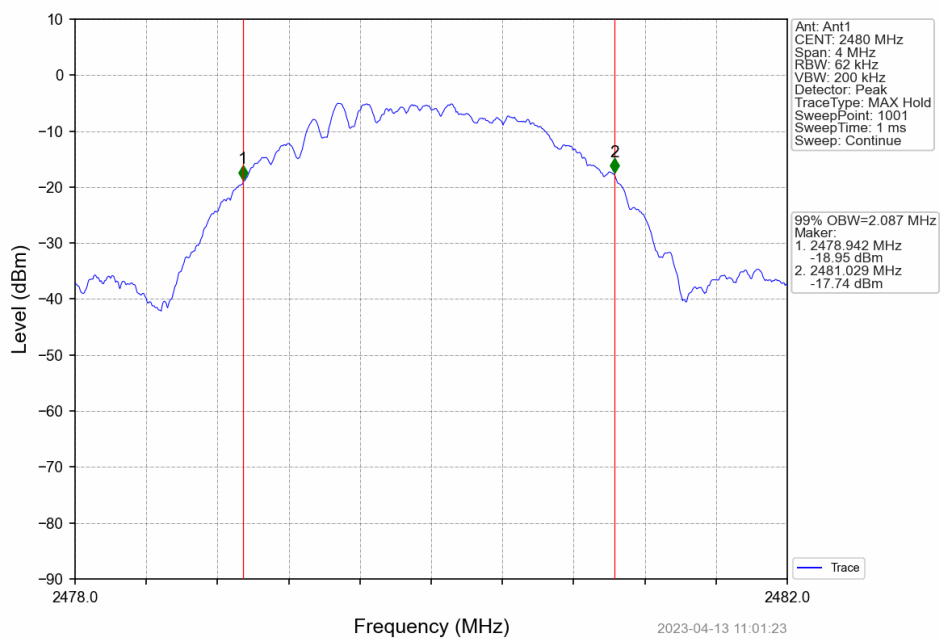
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

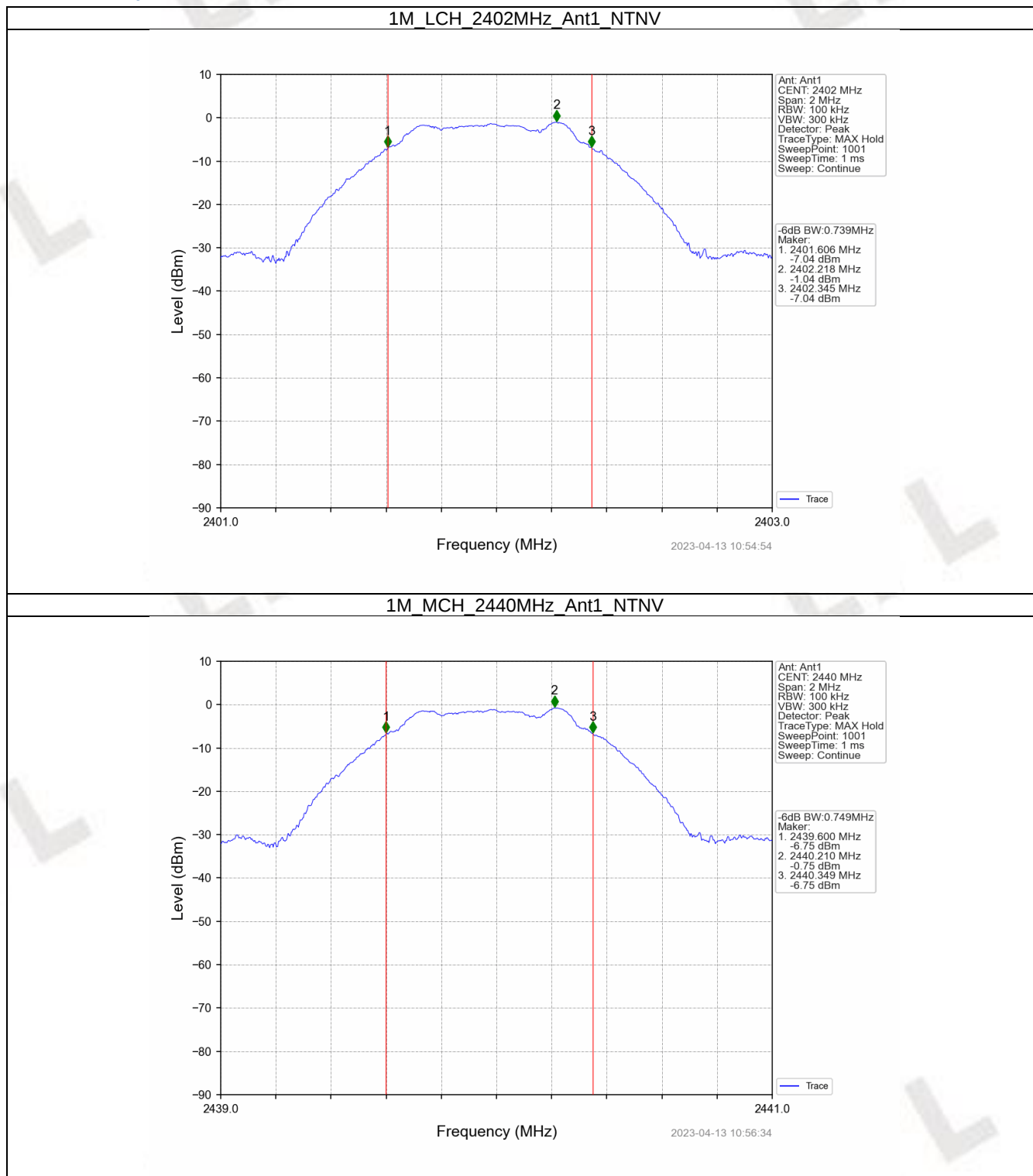


## 1.2 6dB BW

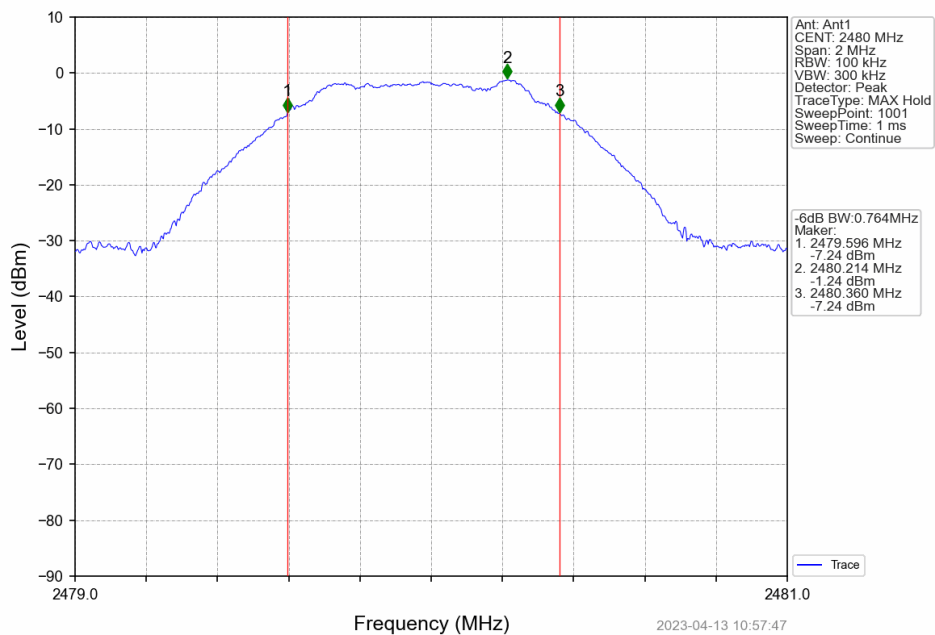
### 1.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|---------------------|-------|---------|
|      |         |                 |     | Result              | Limit |         |
| 1M   | SISO    | 2402            | 1   | 0.739               | >=0.5 | Pass    |
|      |         | 2440            | 1   | 0.749               | >=0.5 | Pass    |
|      |         | 2480            | 1   | 0.764               | >=0.5 | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.382               | >=0.5 | Pass    |
|      |         | 2440            | 1   | 1.384               | >=0.5 | Pass    |
|      |         | 2480            | 1   | 1.393               | >=0.5 | Pass    |

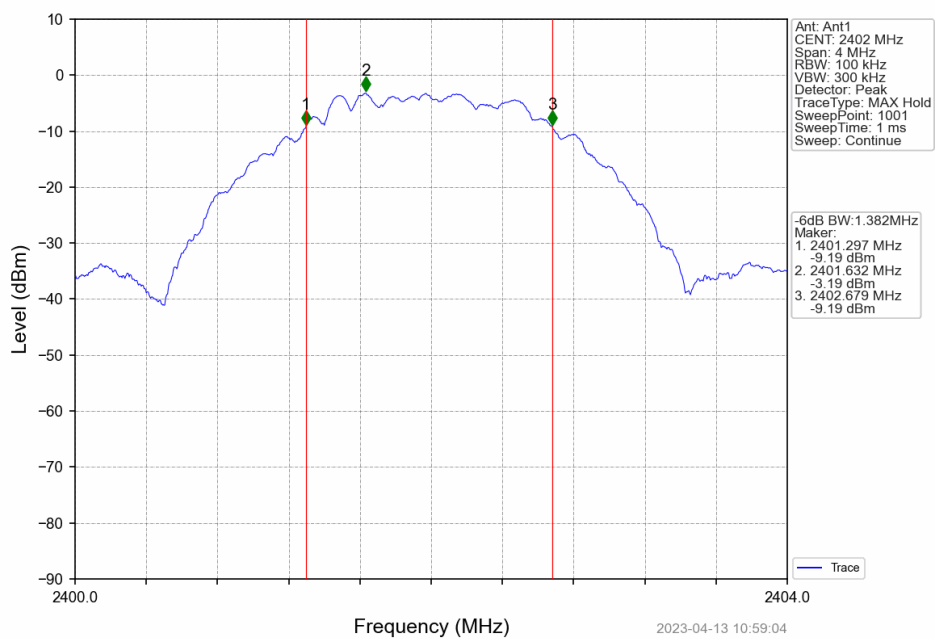
## 1.2.2 Test Graph

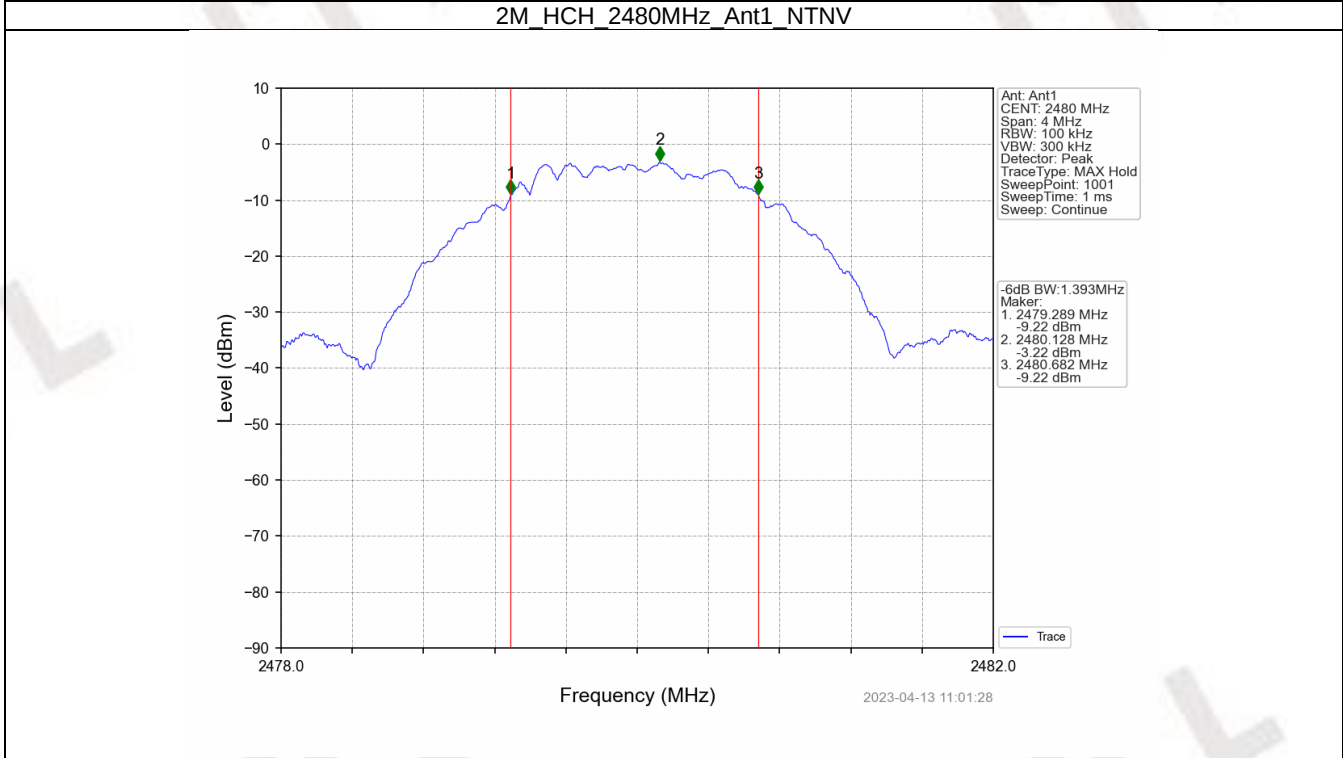
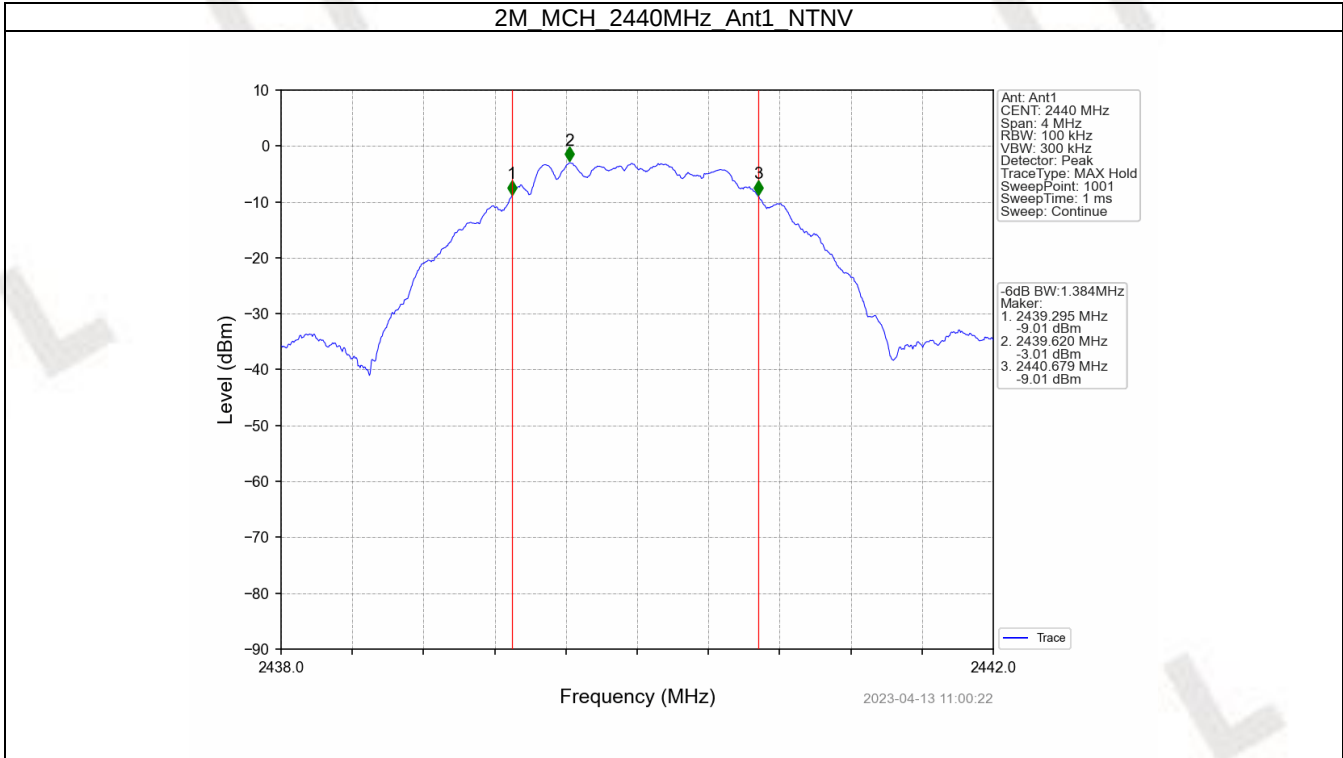


1M HCH 2480MHz Ant1 NTV



2M LCH 2402MHz Ant1 NTV





## 2. Maximum Conducted Output Power

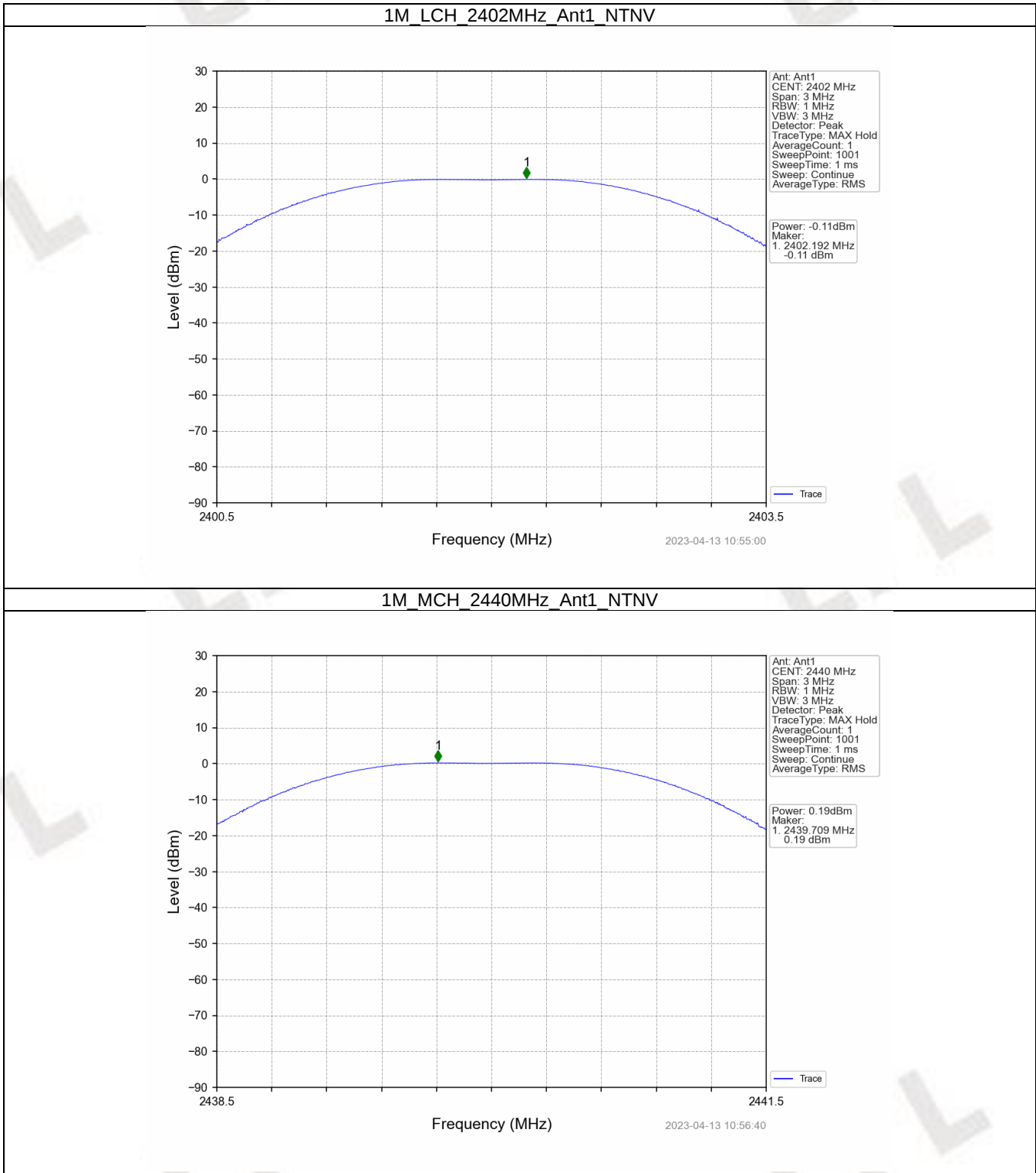
### 2.1 Power

#### 2.1.1 Test Result

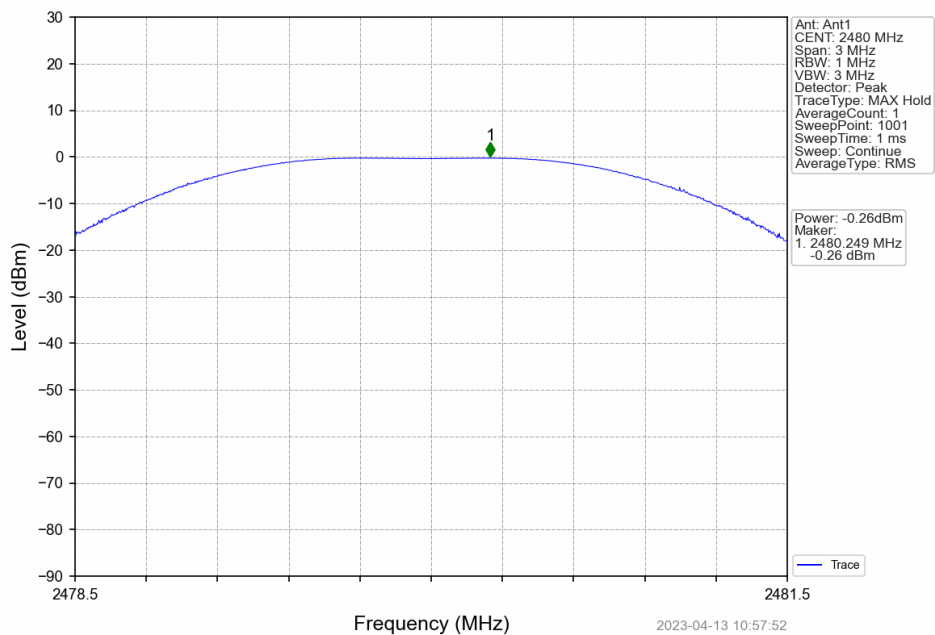
| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|------|---------|-----------------|-------------------------------------------|-------|---------|
|      |         |                 | ANT1                                      | Limit |         |
| 1M   | SISO    | 2402            | -0.11                                     | <=30  | Pass    |
|      |         | 2440            | 0.19                                      | <=30  | Pass    |
|      |         | 2480            | -0.26                                     | <=30  | Pass    |
| 2M   | SISO    | 2402            | -0.06                                     | <=30  | Pass    |
|      |         | 2440            | 0.16                                      | <=30  | Pass    |
|      |         | 2480            | -0.22                                     | <=30  | Pass    |

Note1: Antenna Gain: Ant1: 2.00dBi;

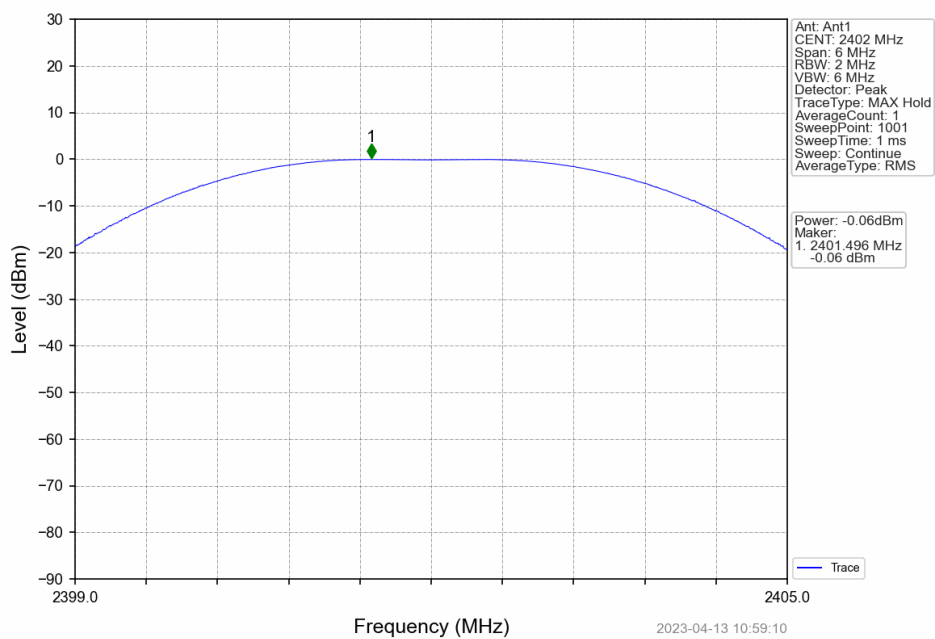
2.1.2 Test Graph



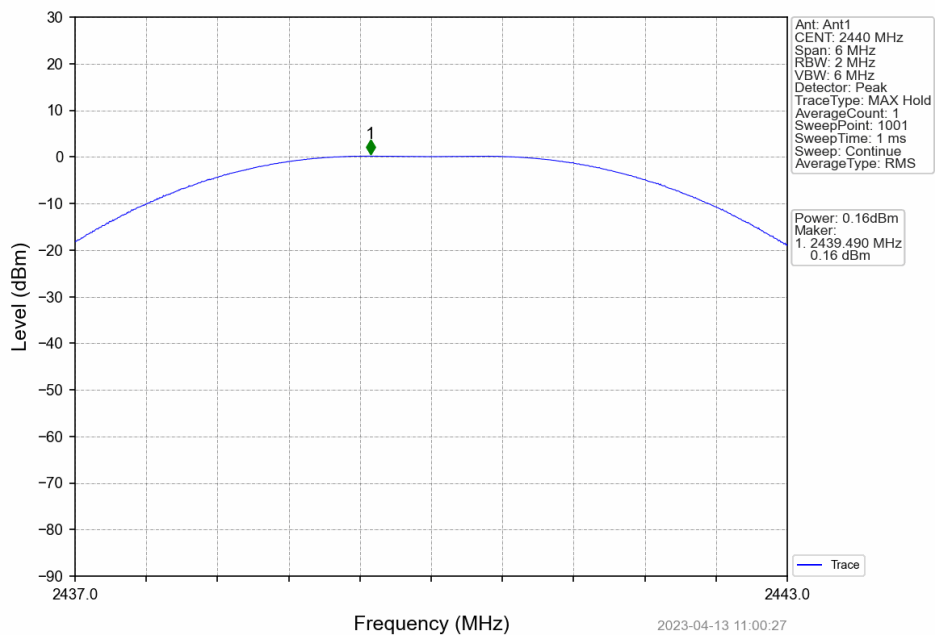
1M HCH 2480MHz Ant1 NTN



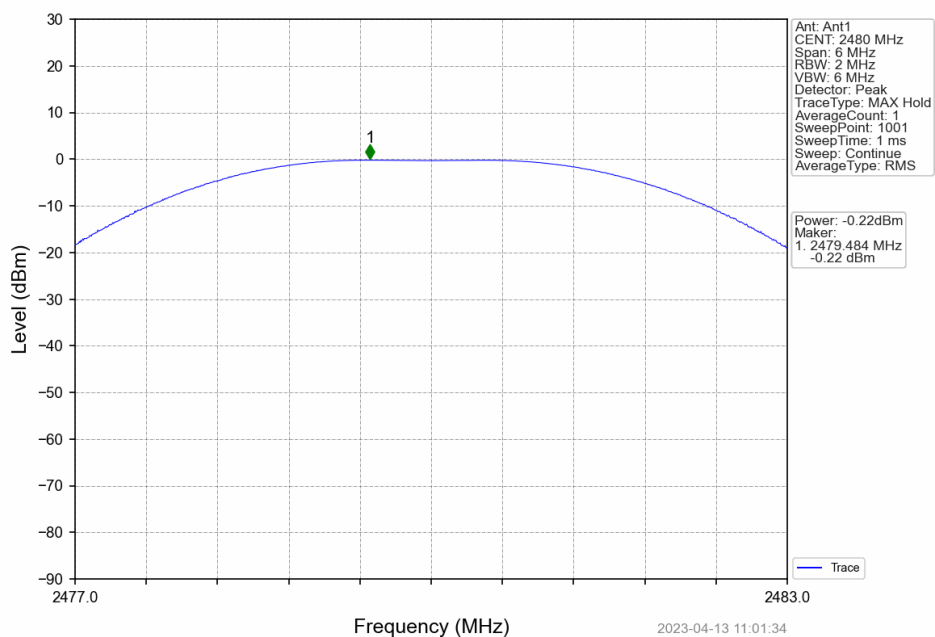
2M LCH 2402MHz Ant1 NTN



2M MCH 2440MHz Ant1 NTN



2M\_HCH\_2480MHz\_Ant1 NTN



### 3. Maximum Power Spectral Density

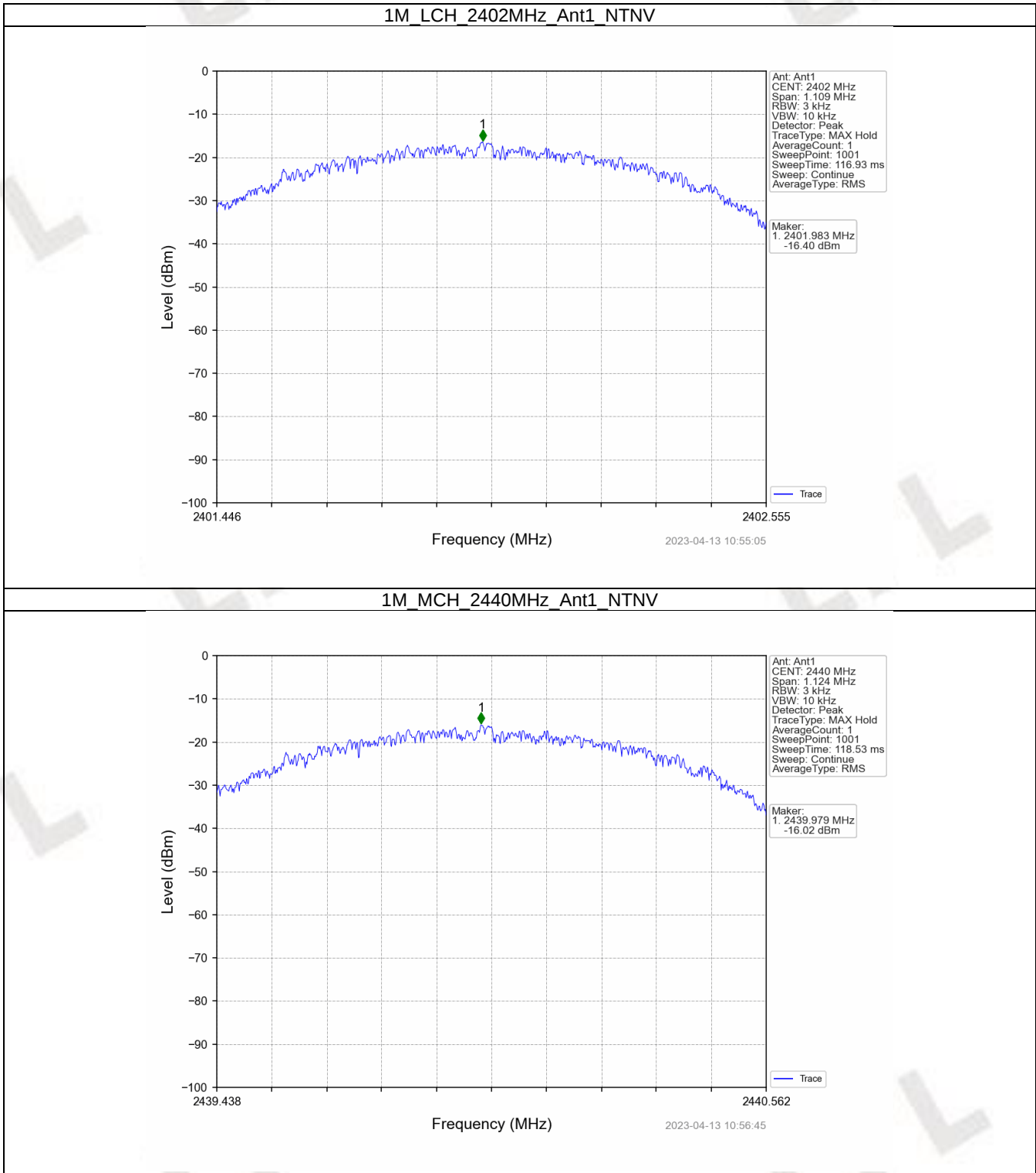
#### 3.1 PSD

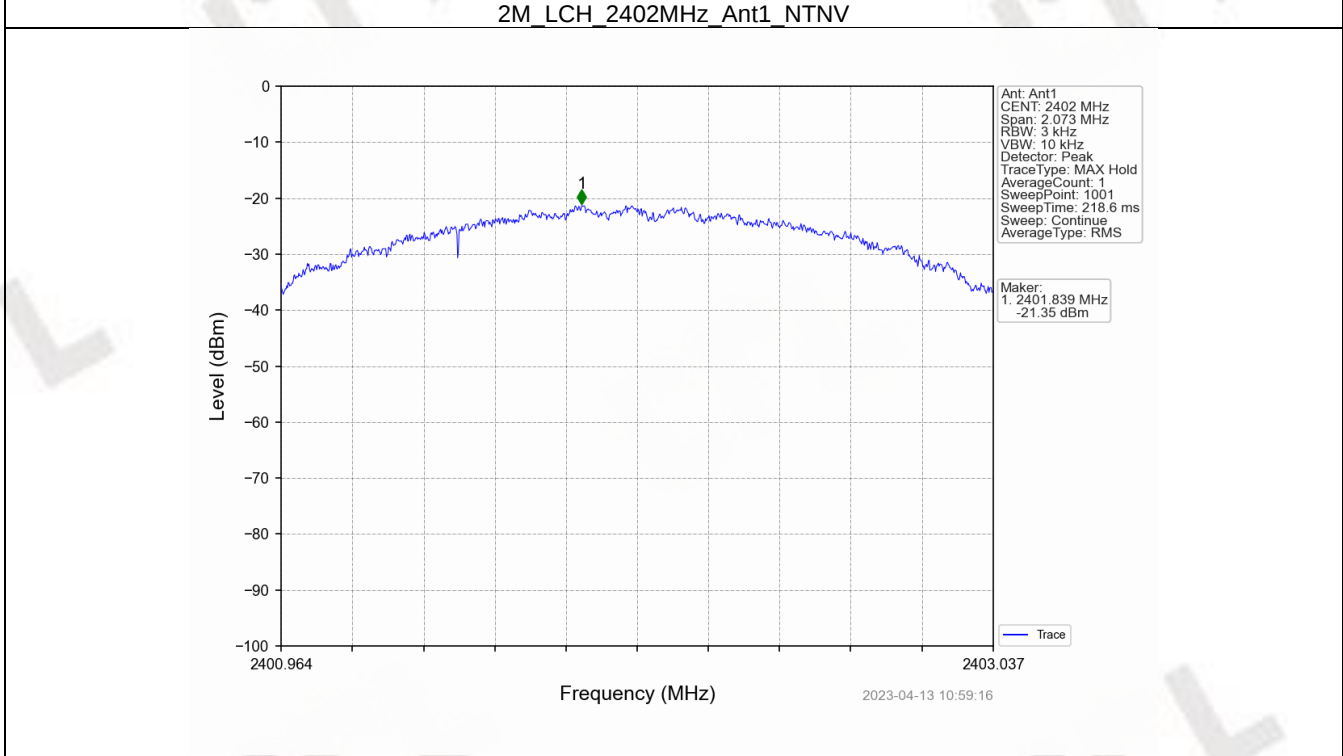
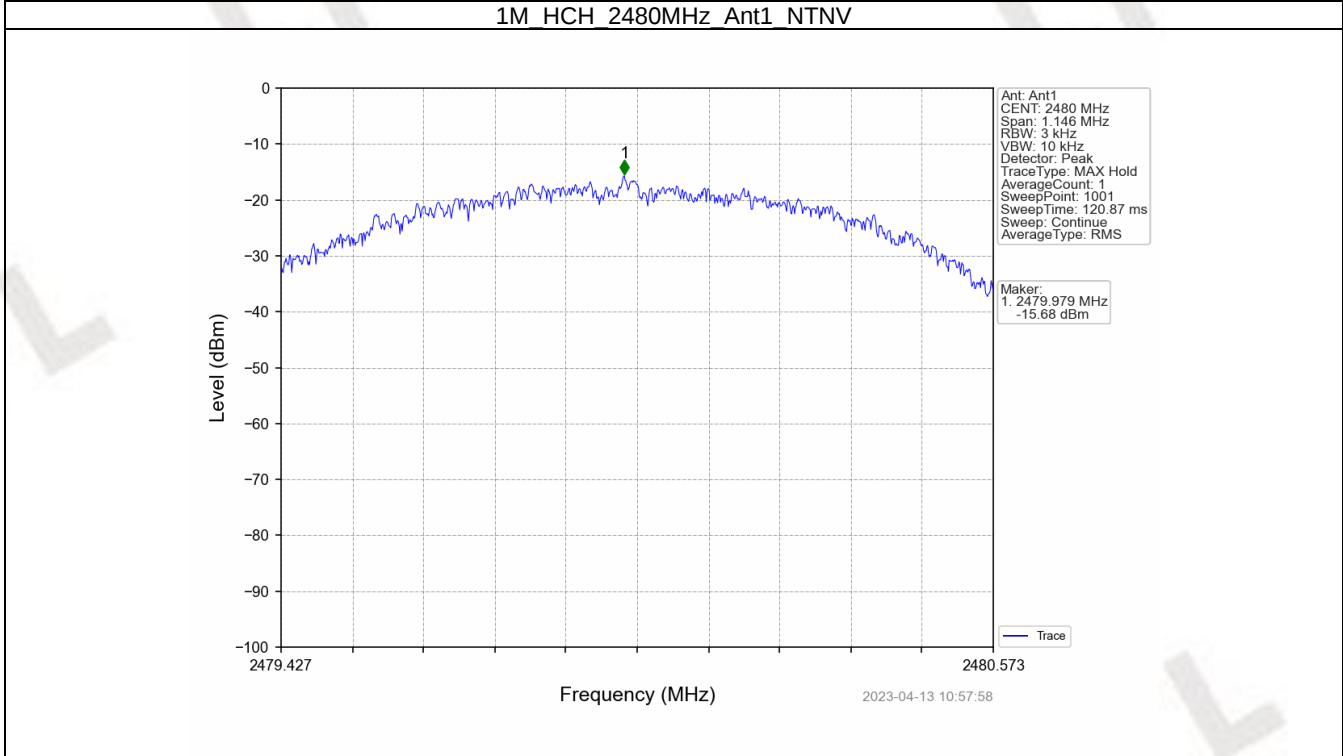
##### 3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
|      |         |                 | ANT1                   | Limit |         |
| 1M   | SISO    | 2402            | -16.40                 | <=8   | Pass    |
|      |         | 2440            | -16.02                 | <=8   | Pass    |
|      |         | 2480            | -15.68                 | <=8   | Pass    |
| 2M   | SISO    | 2402            | -21.35                 | <=8   | Pass    |
|      |         | 2440            | -20.98                 | <=8   | Pass    |
|      |         | 2480            | -21.00                 | <=8   | Pass    |

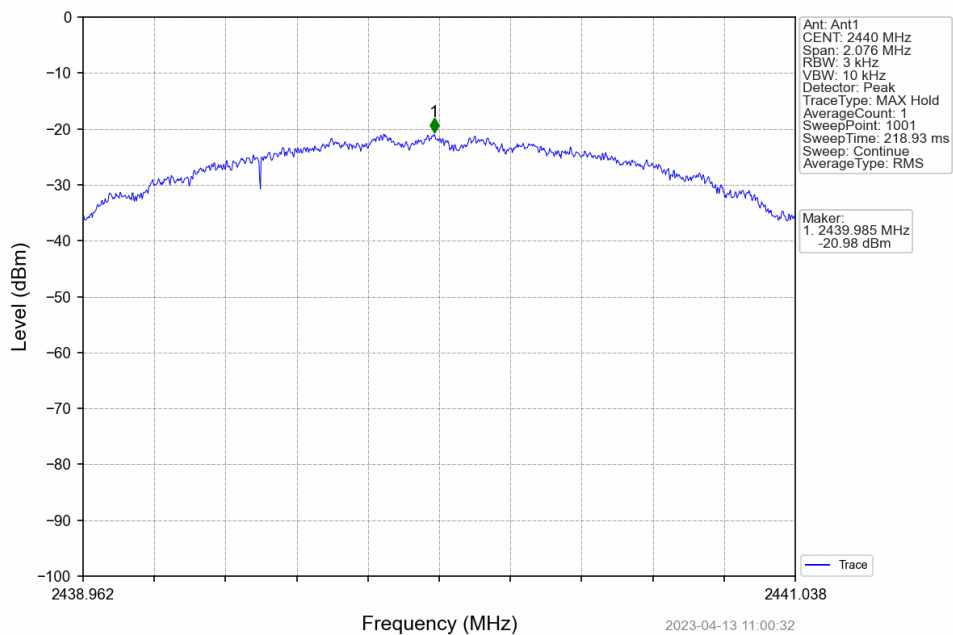
Note1: Antenna Gain: Ant1: 2.00dBi;

3.1.2 Test Graph

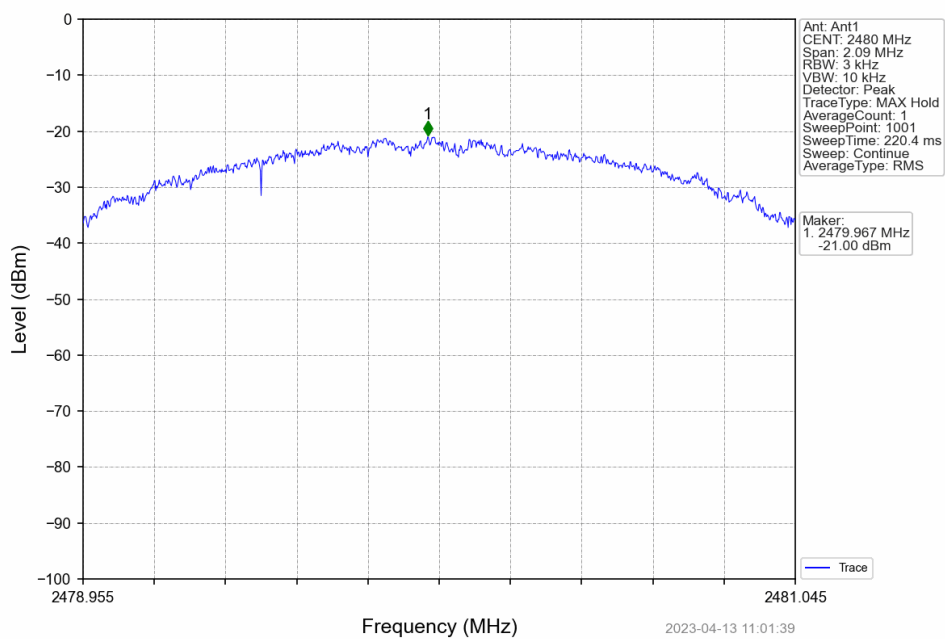




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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

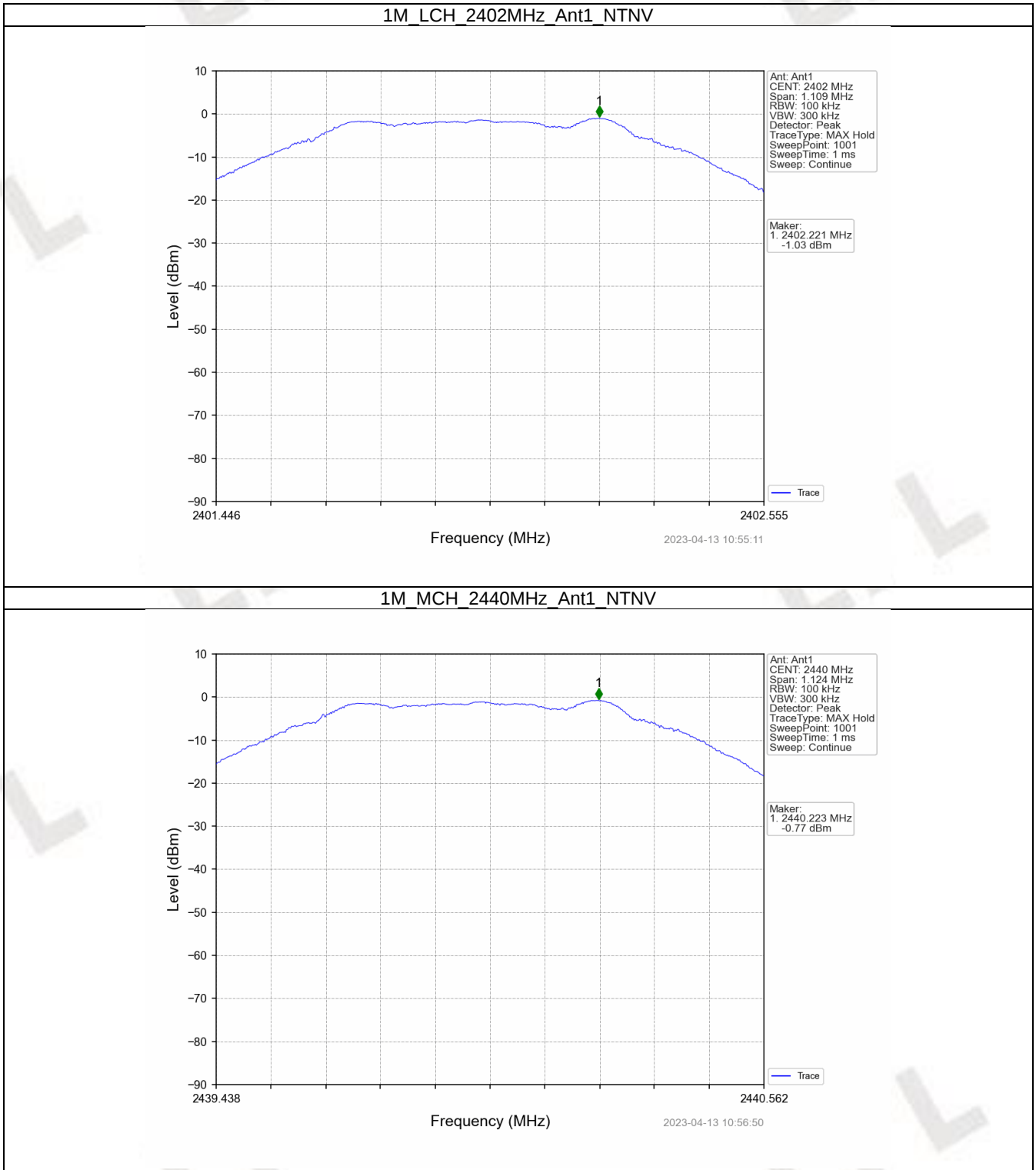
### 4.1 Ref

#### 4.1.1 Test Result

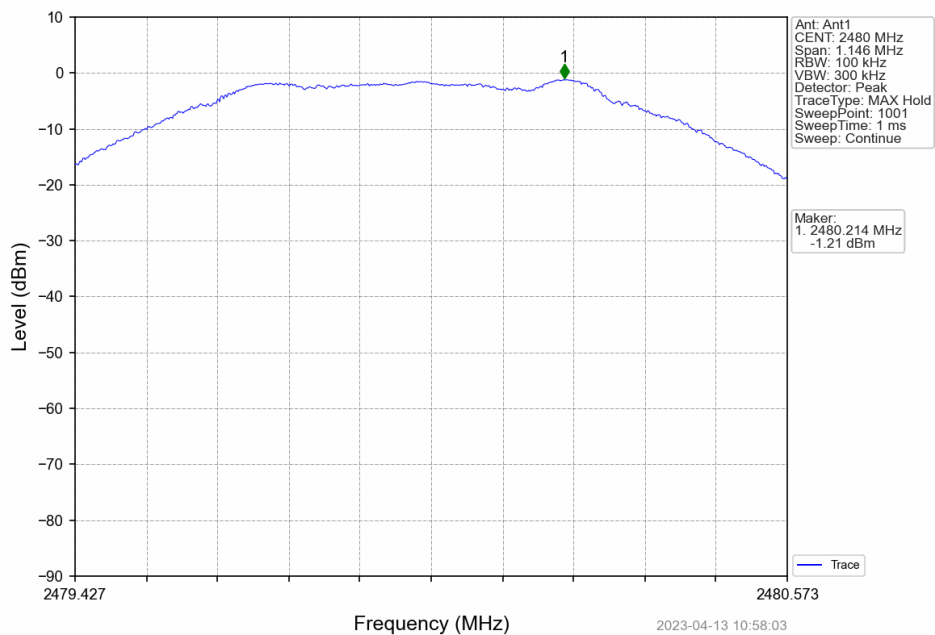
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | -1.03                    |
|      |         | 2440            | 1   | -0.77                    |
|      |         | 2480            | 1   | -1.21                    |
| 2M   | SISO    | 2402            | 1   | -3.21                    |
|      |         | 2440            | 1   | -3.19                    |
|      |         | 2480            | 1   | -3.46                    |

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.

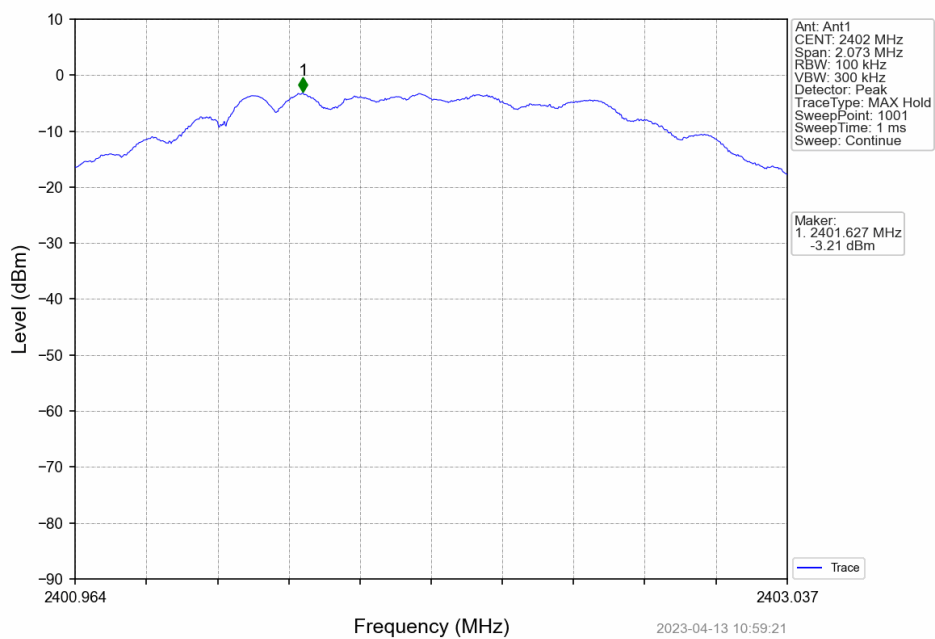
4.1.2 Test Graph



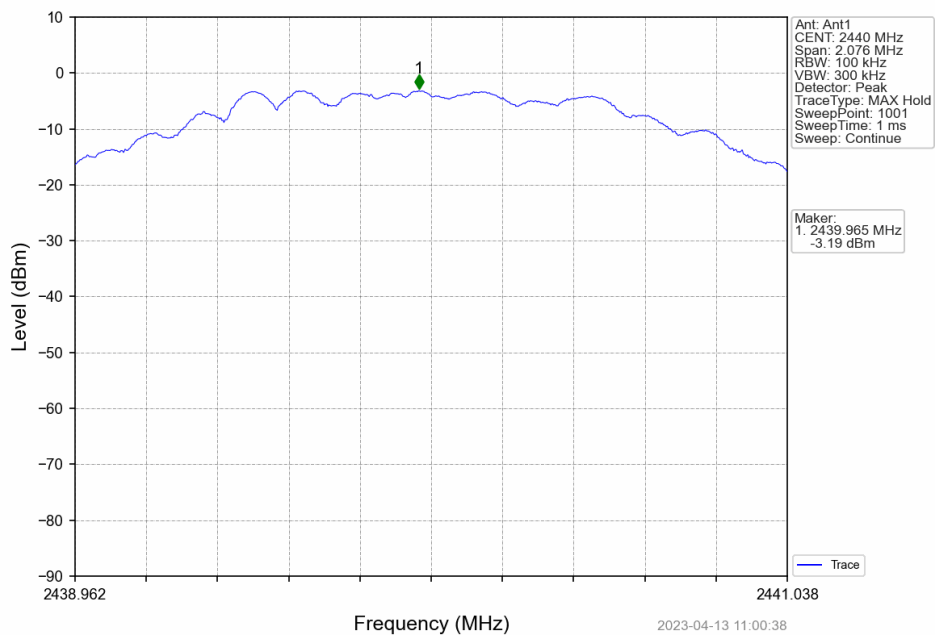
1M\_HCH\_2480MHz\_Ant1\_NTNV



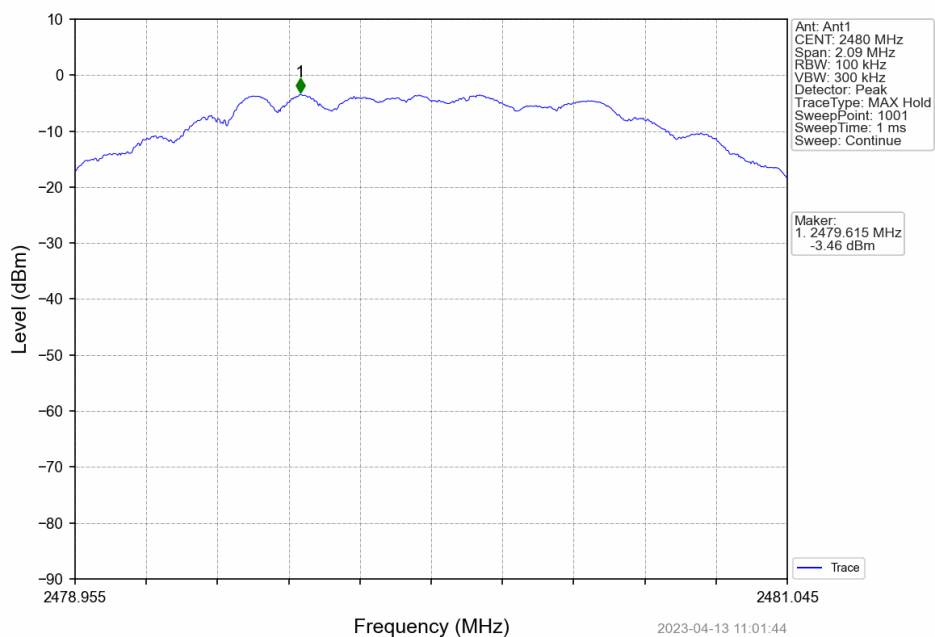
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

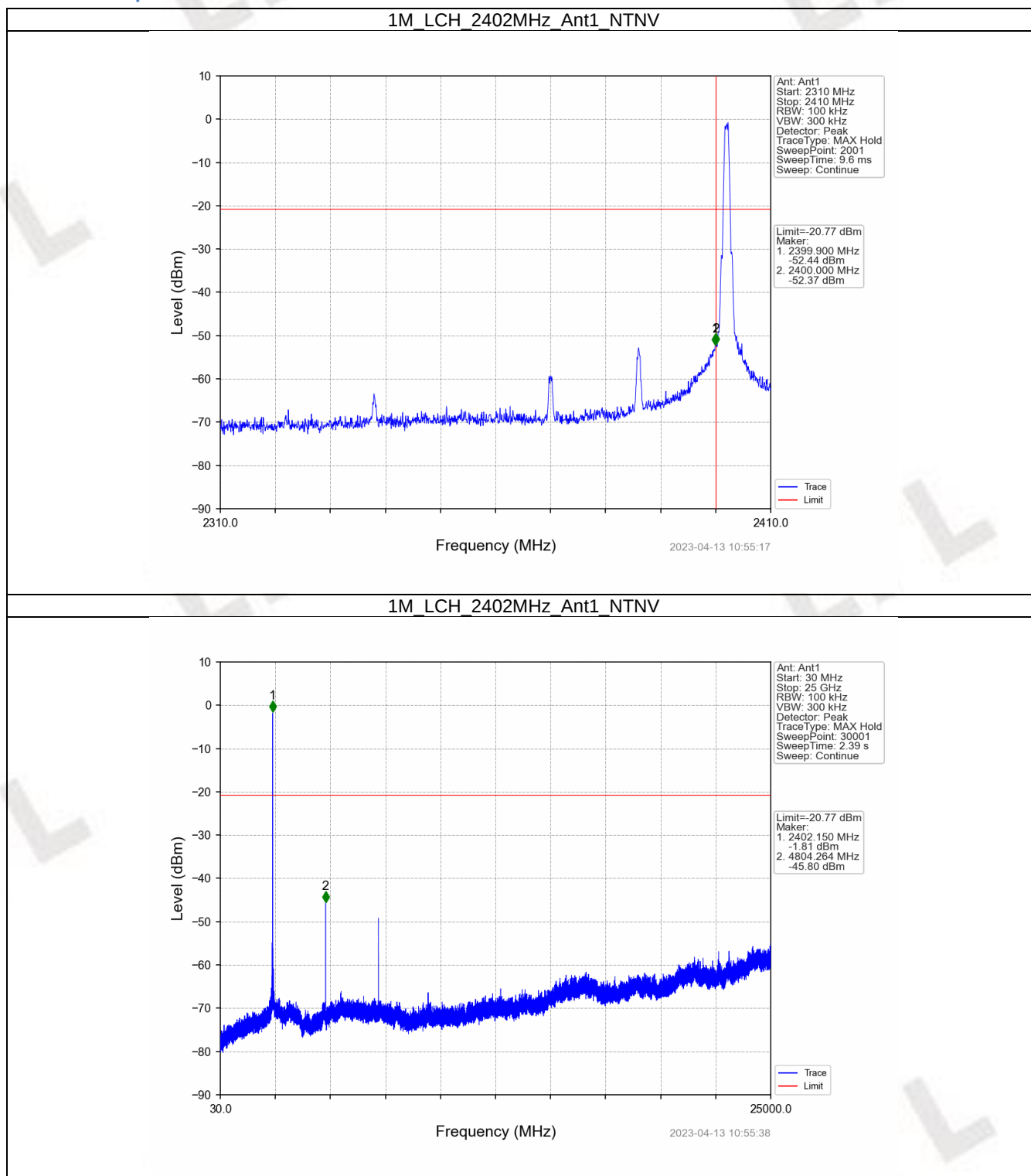


### 4.2.1 Test Result

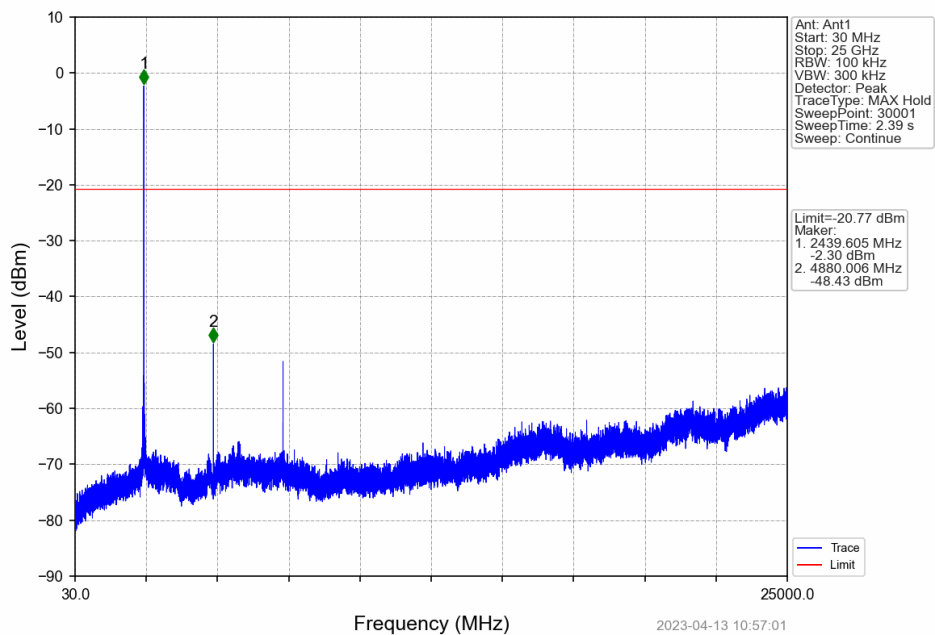
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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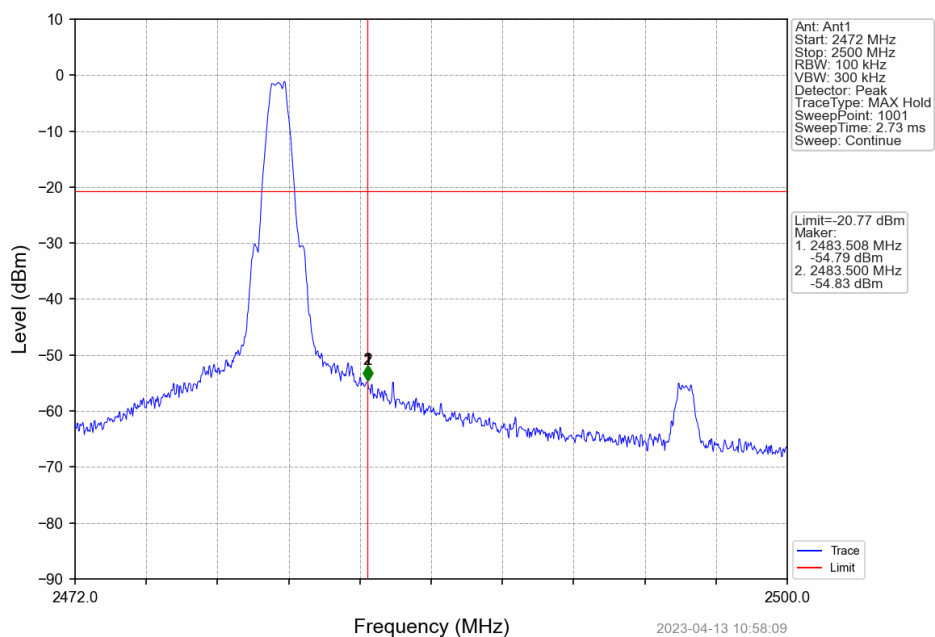
## 4.2.2 Test Graph

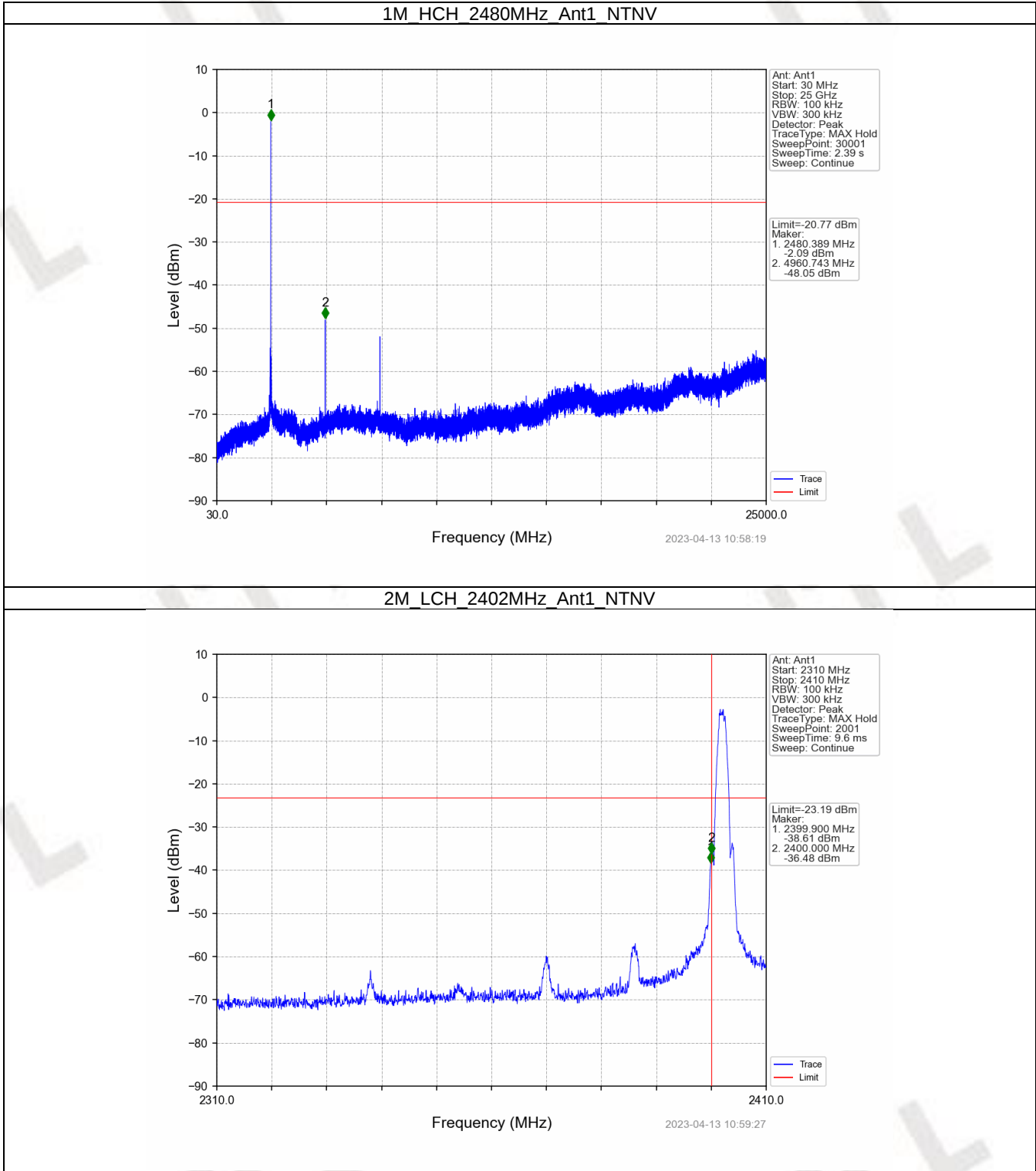


## 1M\_MCH\_2440MHz\_Ant1\_NTNV

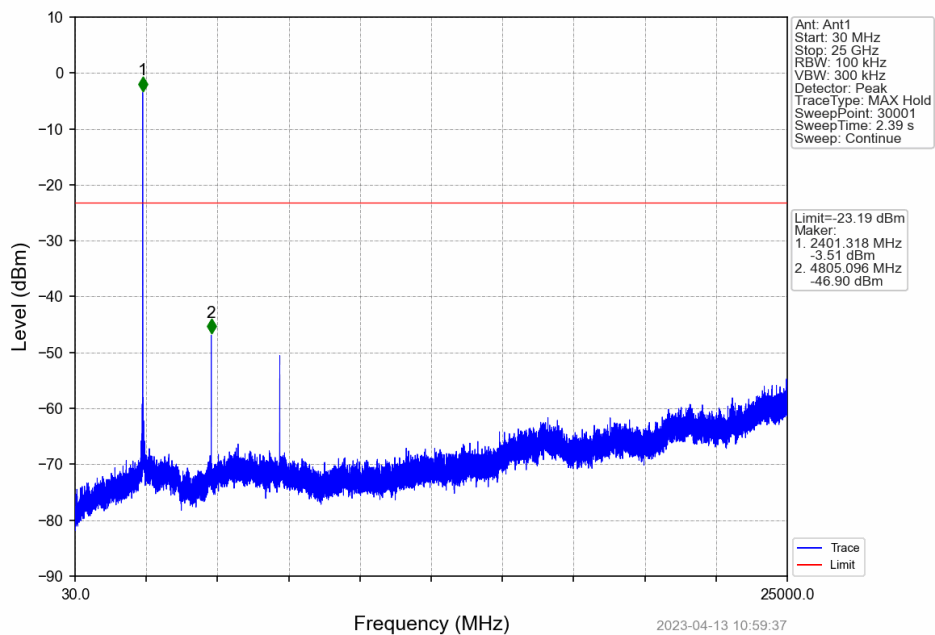


## 1M\_HCH\_2480MHz\_Ant1\_NTNV





2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV

