

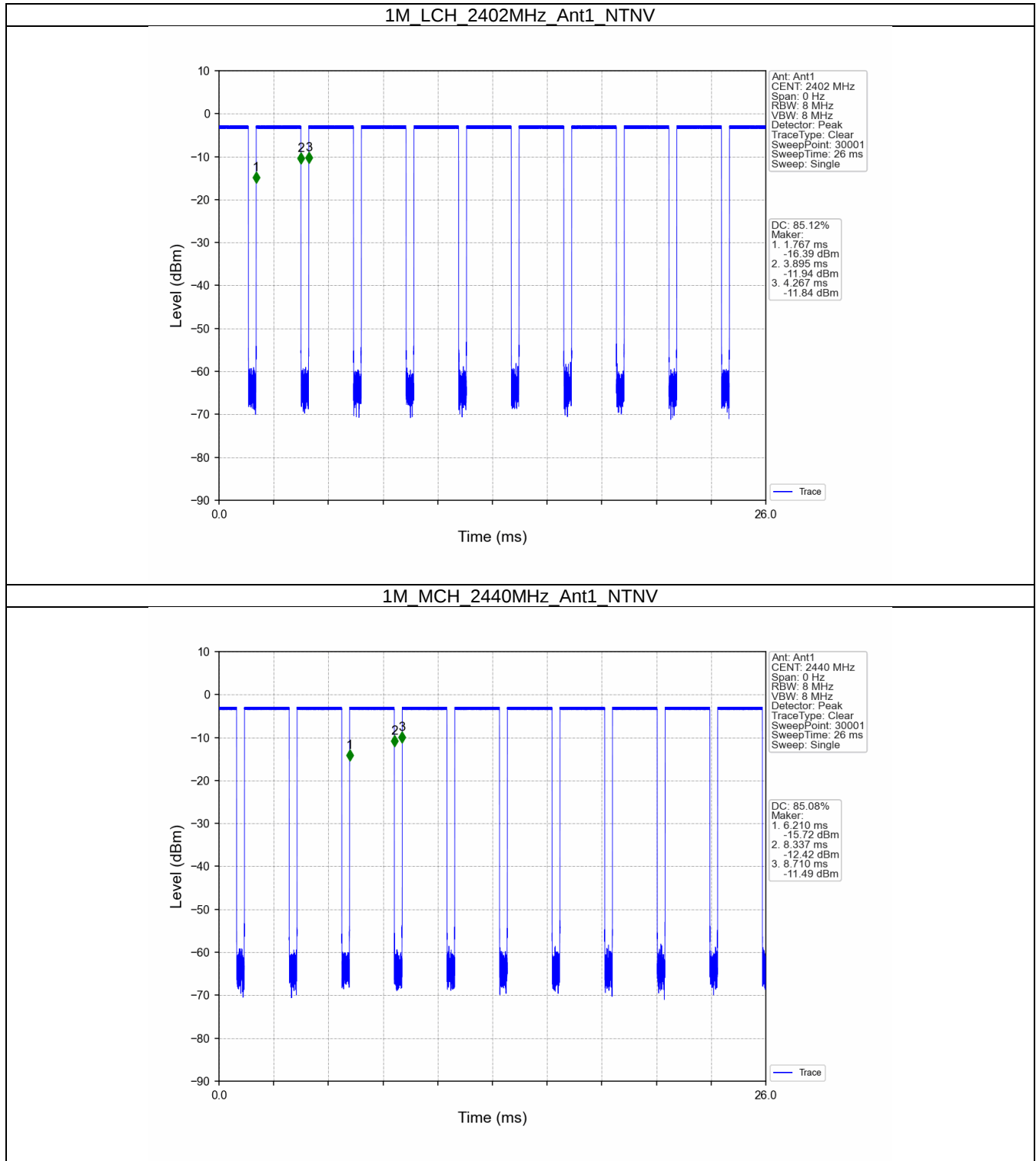
## 1. Duty Cycle

### 1.1 Ant1

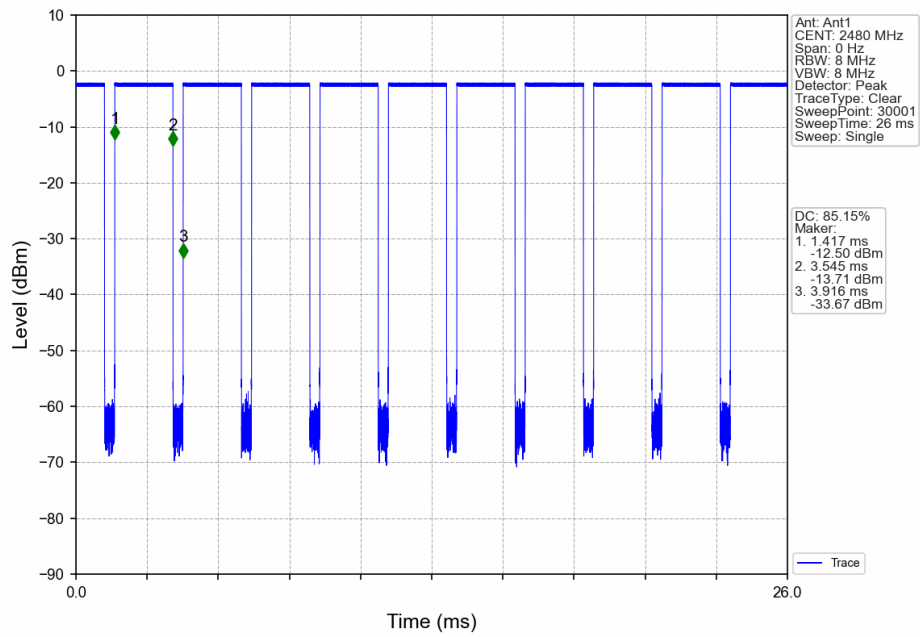
#### 1.1.1 Test Result

| Ant1 |         |                 |           |             |                |                                   |                       |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M   | SISO    | 2402            | 2.128     | 2.500       | 85.12          | 0.70                              | 0.03                  |
|      |         | 2440            | 2.127     | 2.500       | 85.08          | 0.70                              | 0.03                  |
|      |         | 2480            | 2.128     | 2.499       | 85.15          | 0.70                              | 0.01                  |
| 2M   | SISO    | 2402            | 1.072     | 1.875       | 57.17          | 2.43                              | 0.03                  |
|      |         | 2440            | 1.072     | 1.875       | 57.17          | 2.43                              | 0.01                  |
|      |         | 2480            | 1.072     | 1.875       | 57.17          | 2.43                              | 0.03                  |

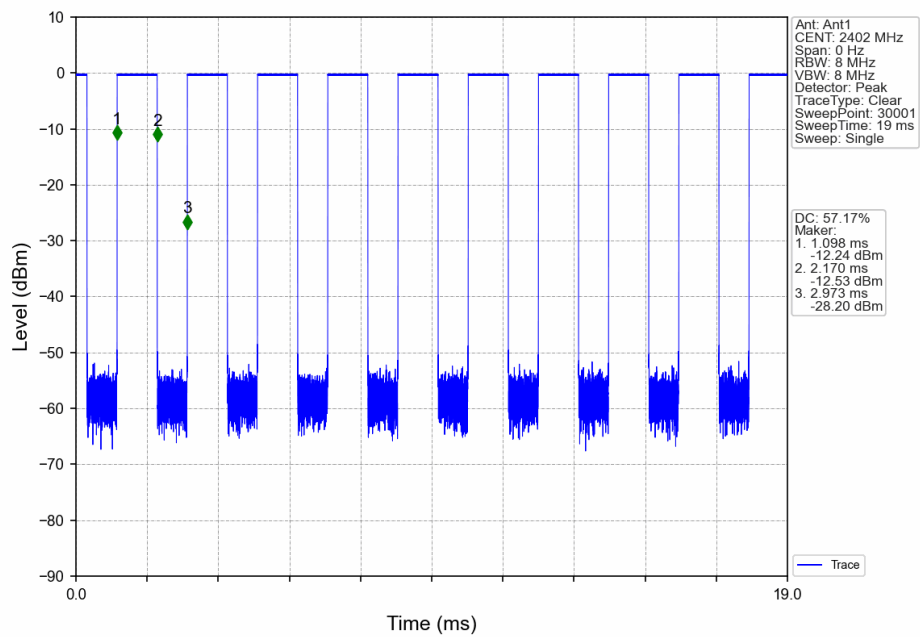
### 1.1.2 Test Graph



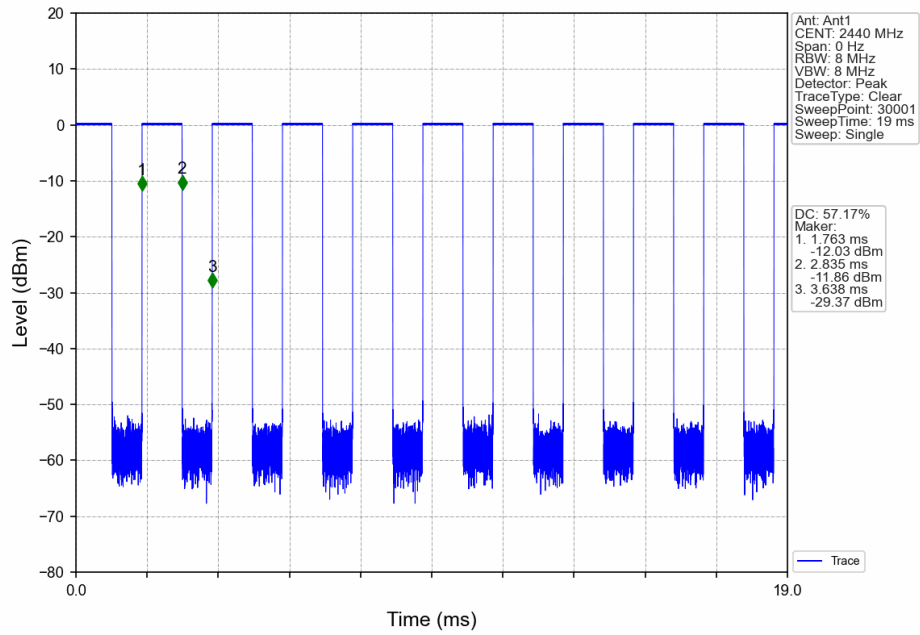
## 1M HCH 2480MHz Ant1 NTV



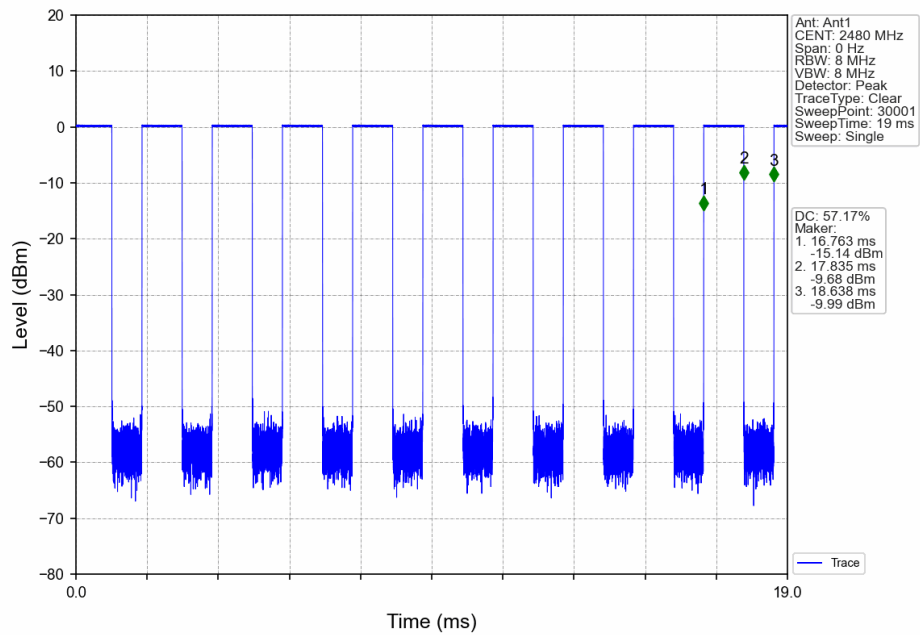
## 2M LCH 2402MHz Ant1 NTV



## 2M MCH 2440MHz Ant1 NTN



## 2M HCH 2480MHz Ant1 NTN



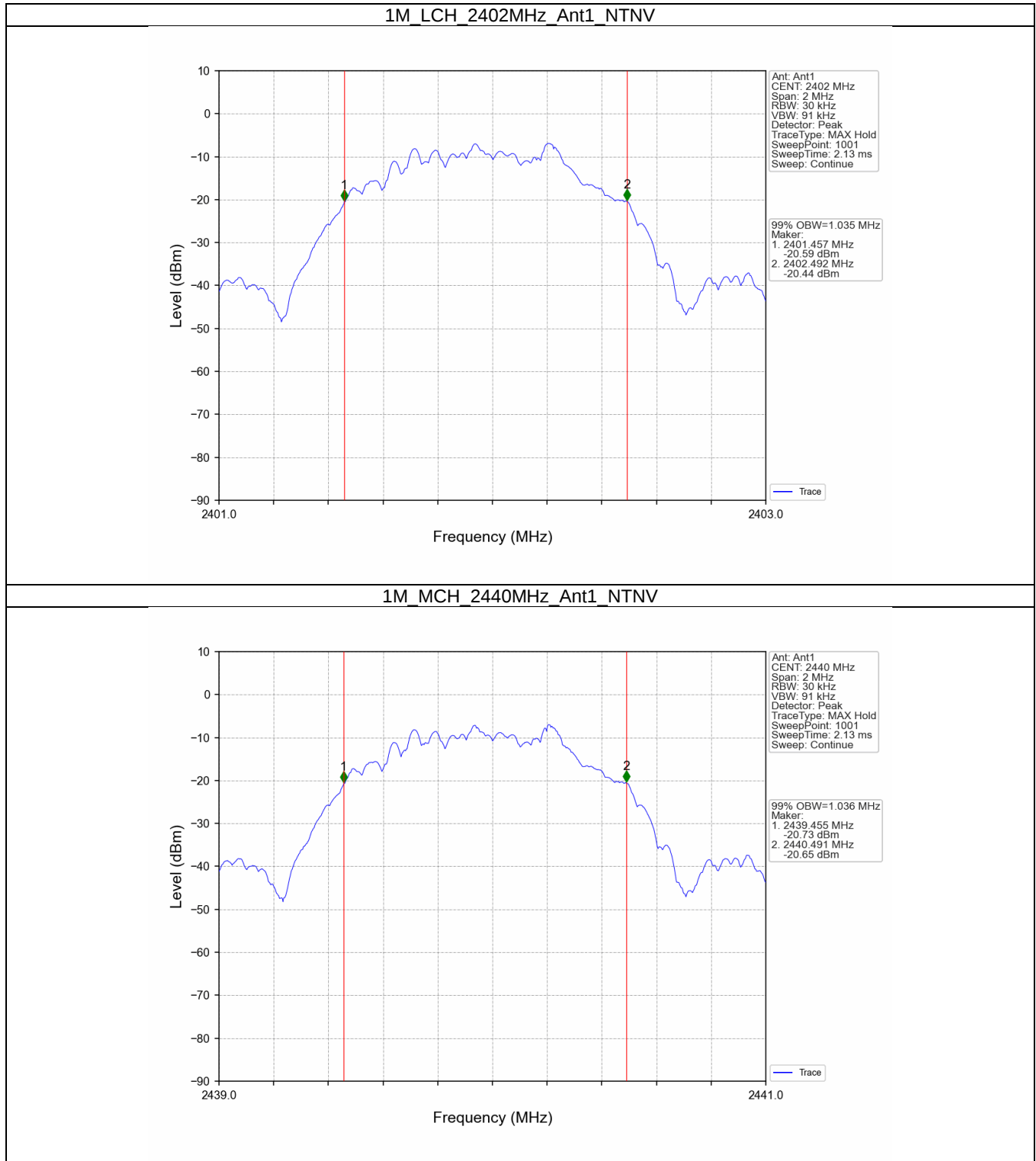
## 2. Bandwidth

### 2.1 OBW

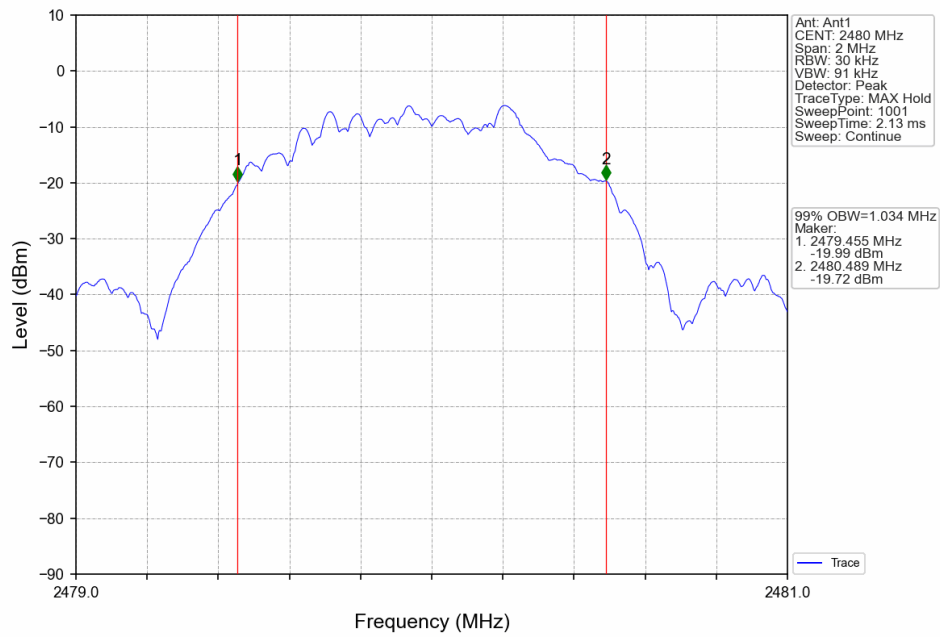
#### 2.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 1.035                        | /     | Pass    |
|      |         | 2440            | 1   | 1.036                        | /     | Pass    |
|      |         | 2480            | 1   | 1.034                        | /     | Pass    |
| 2M   | SISO    | 2402            | 1   | 2.069                        | /     | Pass    |
|      |         | 2440            | 1   | 2.068                        | /     | Pass    |
|      |         | 2480            | 1   | 2.068                        | /     | Pass    |

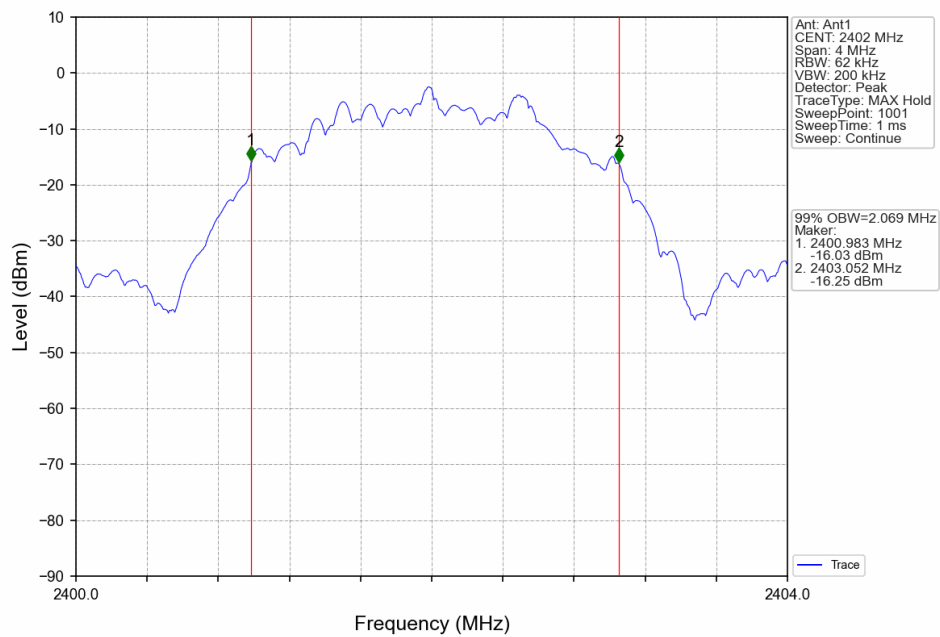
## 2.1.2 Test Graph



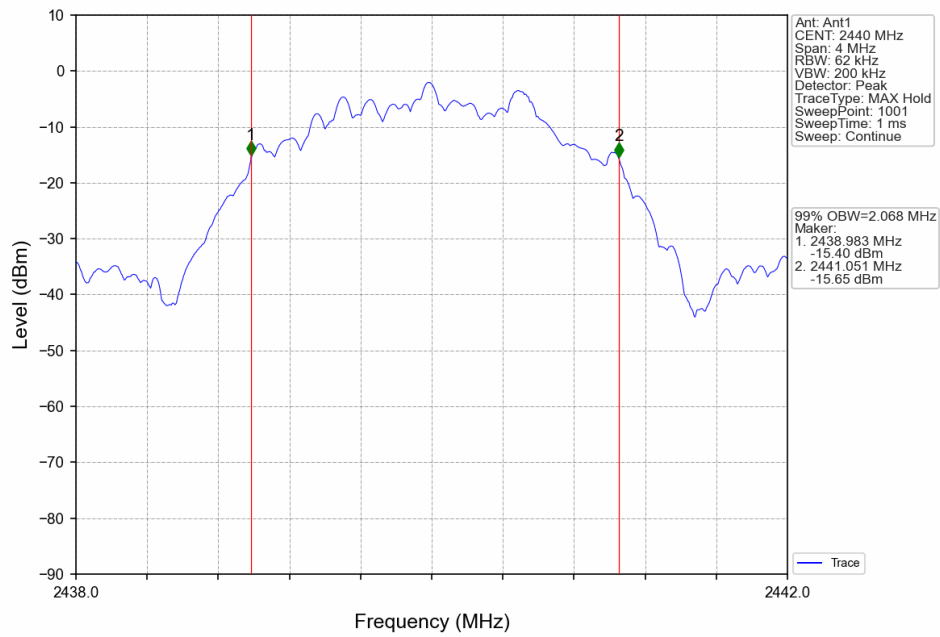
## 1M HCH 2480MHz Ant1 NTN



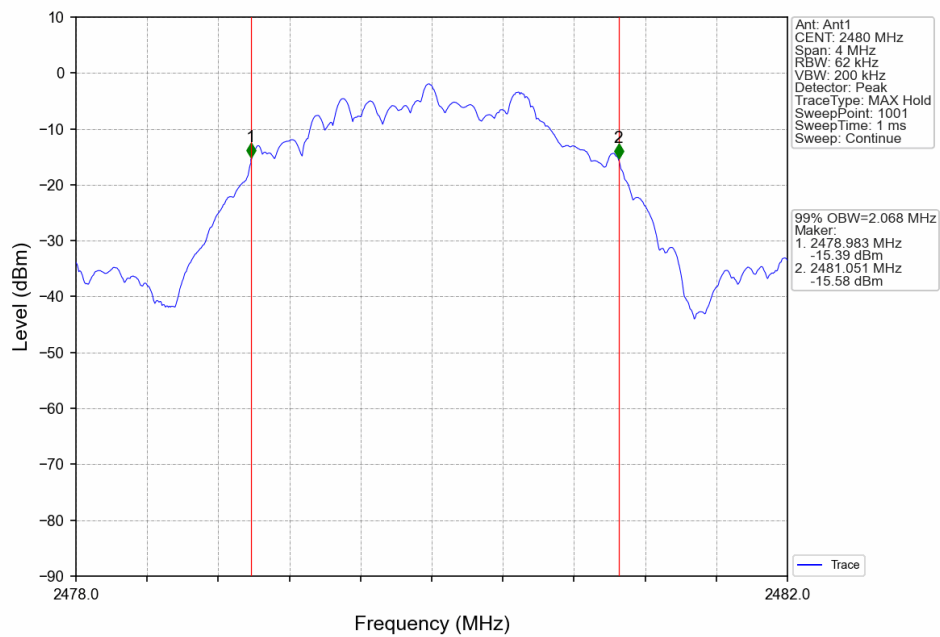
## 2M LCH 2402MHz Ant1 NTN



## 2M MCH 2440MHz Ant1 NTN



## 2M HCH 2480MHz Ant1 NTN

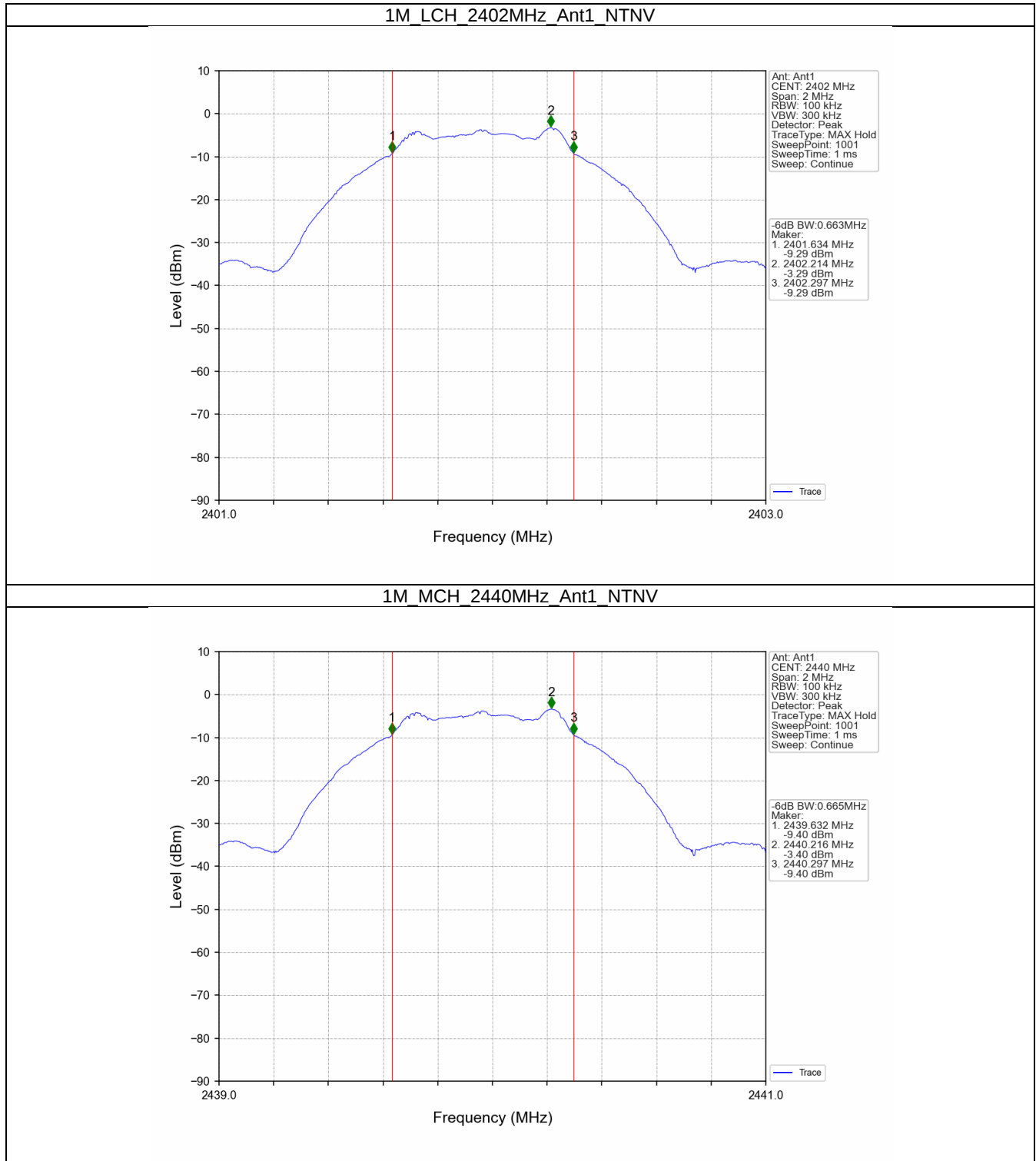


## 2.2 6dB BW

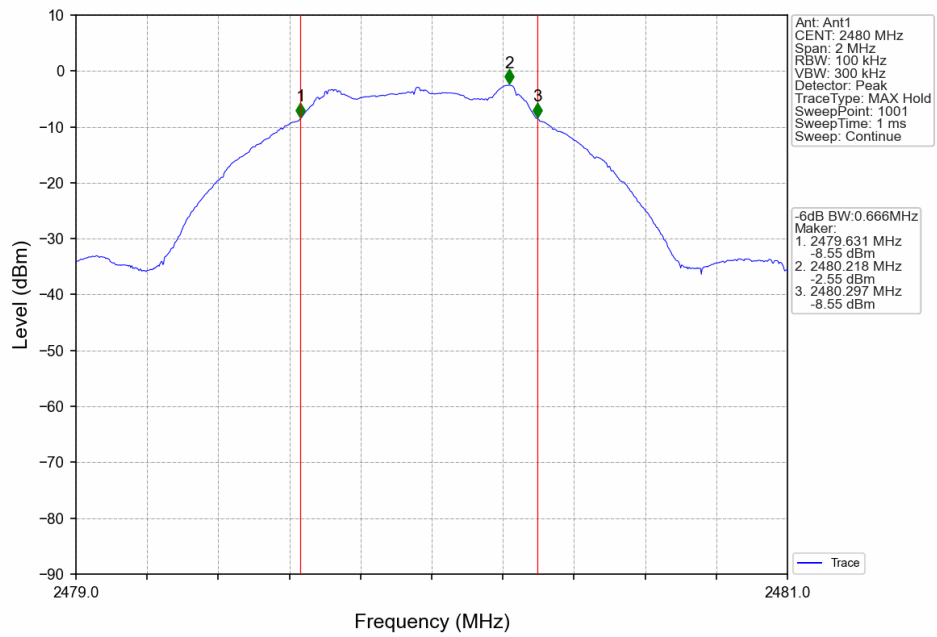
### 2.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.663               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.665               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.666               | $\geq 0.5$ | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.193               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 1.234               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 1.189               | $\geq 0.5$ | Pass    |

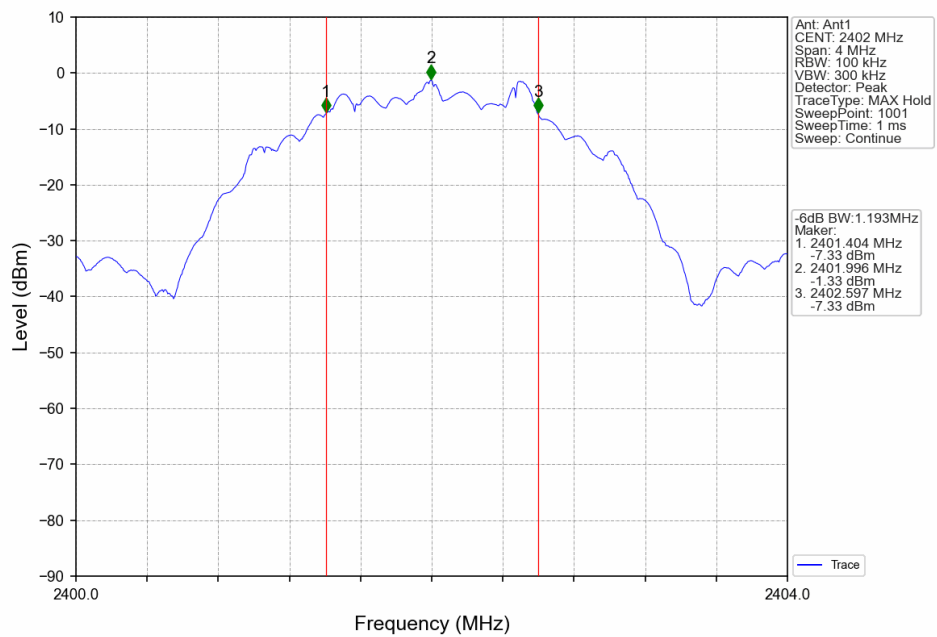
## 2.2.2 Test Graph



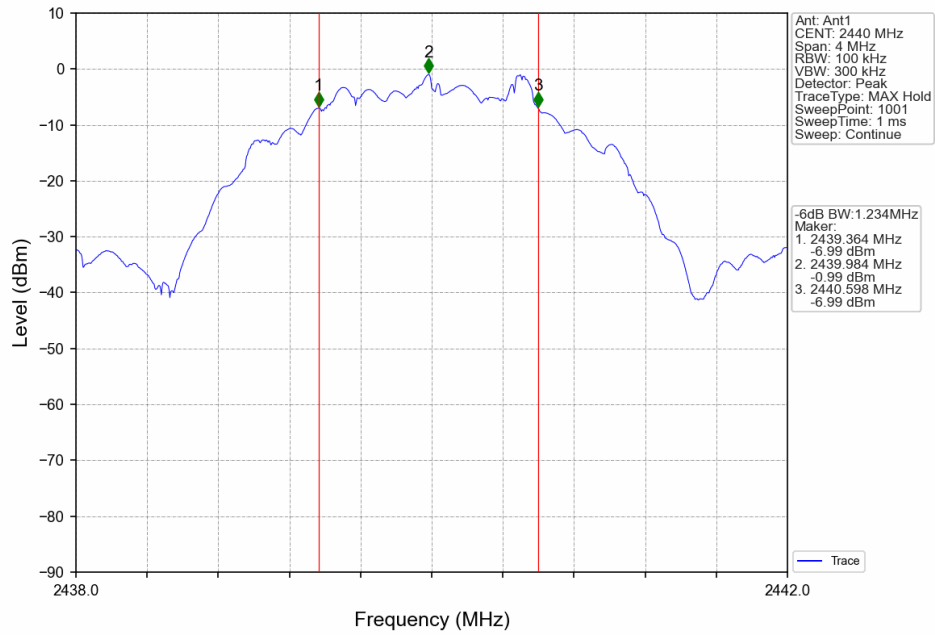
## 1M HCH 2480MHz Ant1 NTNV



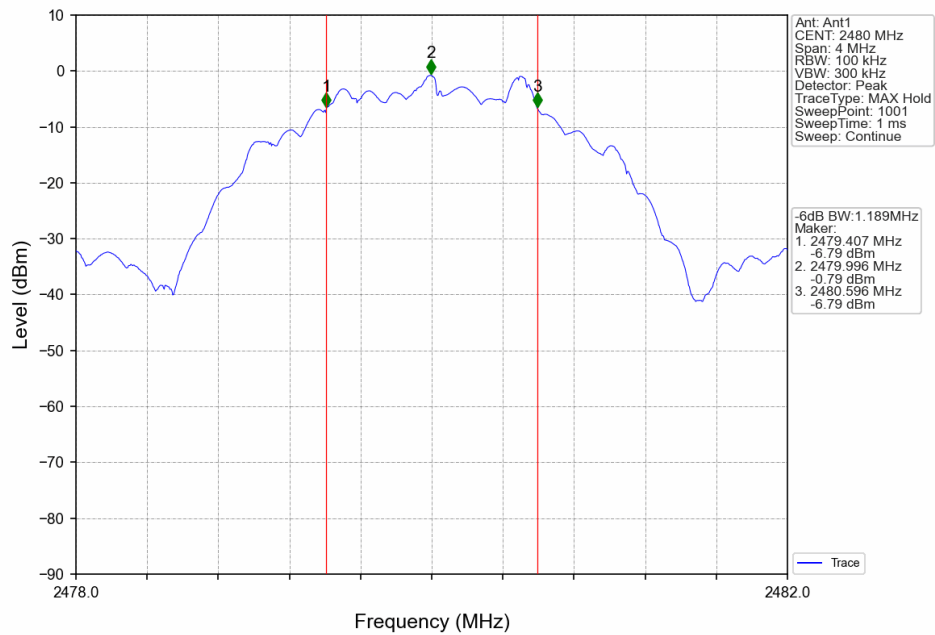
## 2M LCH 2402MHz Ant1 NTNV



## 2M MCH 2440MHz Ant1 NTN



## 2M HCH 2480MHz Ant1 NTN



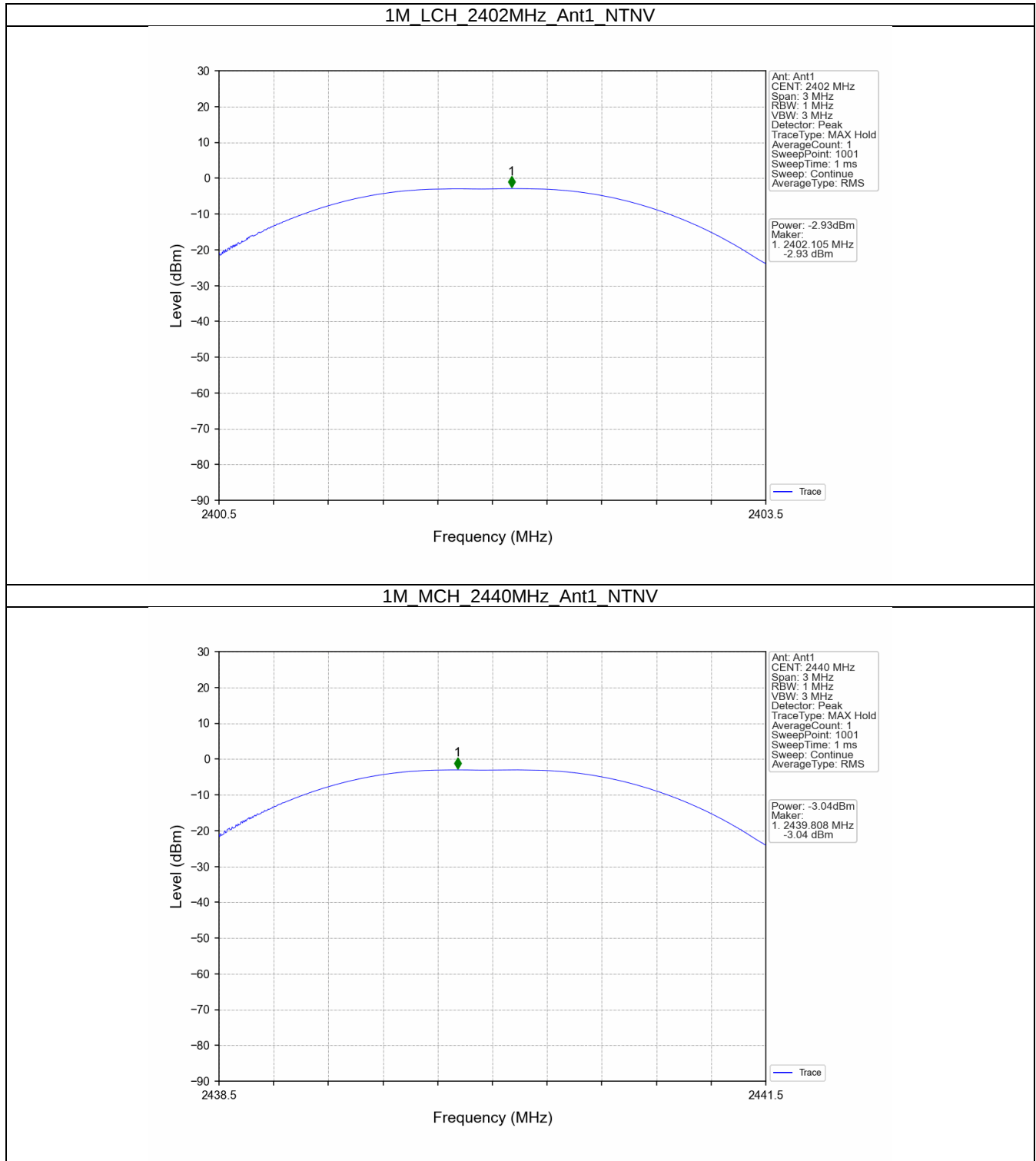
### 3. Maximum Conducted Output Power

#### 3.1 Power

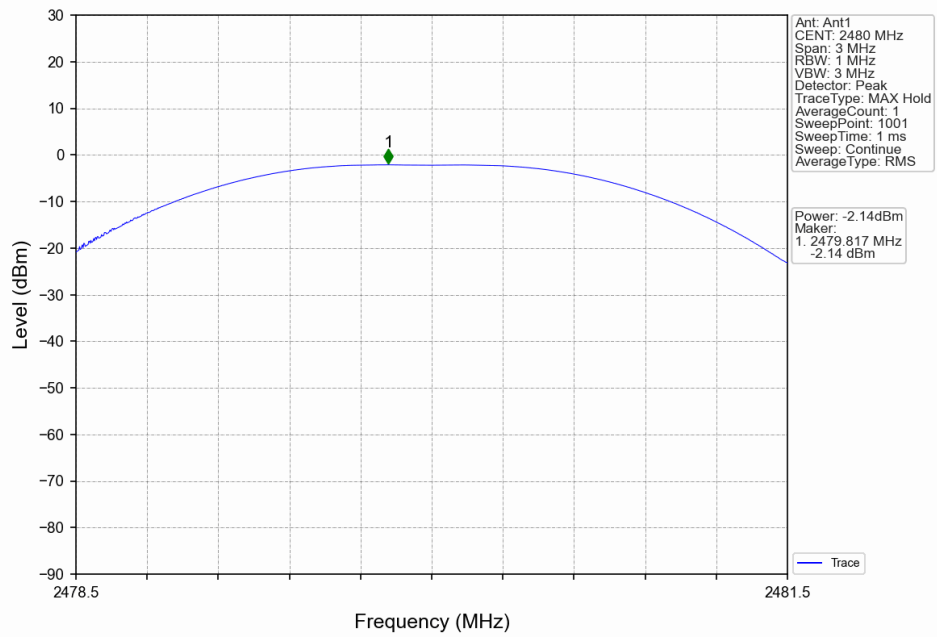
##### 3.1.1 Test Result

| Mode                                | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|-------------------------------------|---------|-----------------|-------------------------------------------|-------|---------|
|                                     |         |                 | ANT1                                      | Limit |         |
| 1M                                  | SISO    | 2402            | -2.93                                     | <=30  | Pass    |
|                                     |         | 2440            | -3.04                                     | <=30  | Pass    |
|                                     |         | 2480            | -2.14                                     | <=30  | Pass    |
| 2M                                  | SISO    | 2402            | -0.37                                     | <=30  | Pass    |
|                                     |         | 2440            | 0.09                                      | <=30  | Pass    |
|                                     |         | 2480            | 0.17                                      | <=30  | Pass    |
| Note1: Antenna Gain: Ant1: 3.50dBi; |         |                 |                                           |       |         |

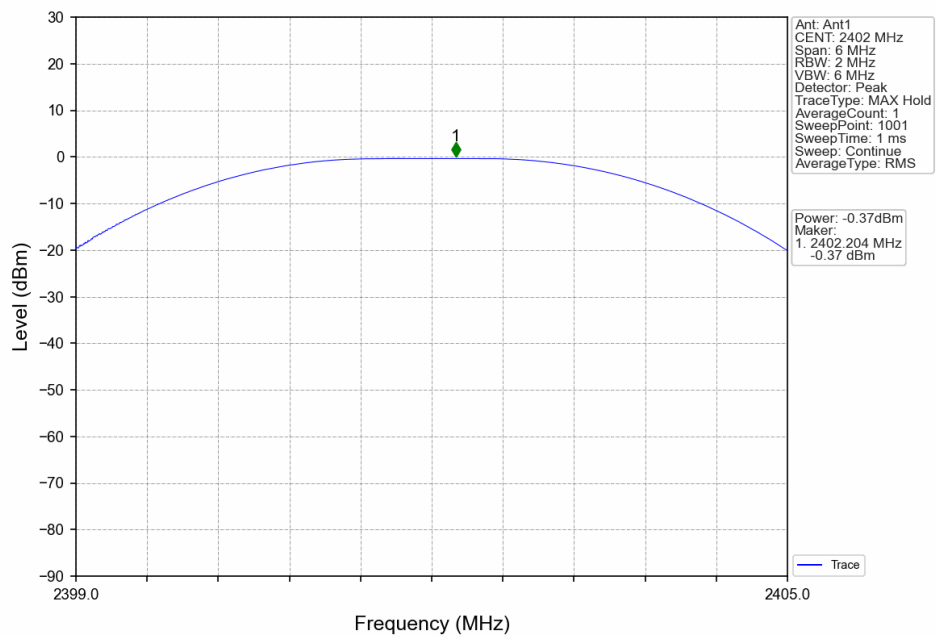
### 3.1.2 Test Graph



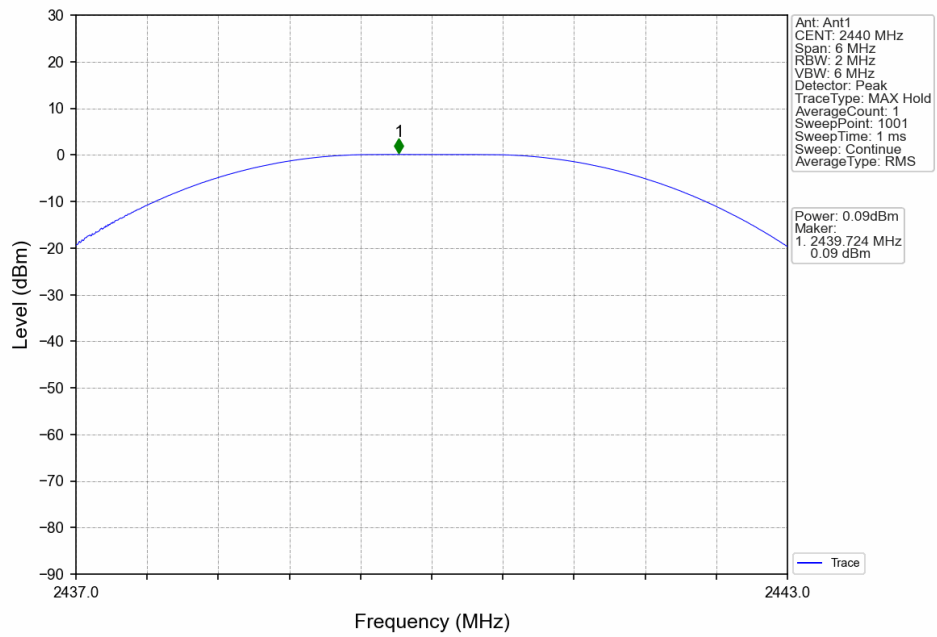
## 1M HCH 2480MHz Ant1 NTNV



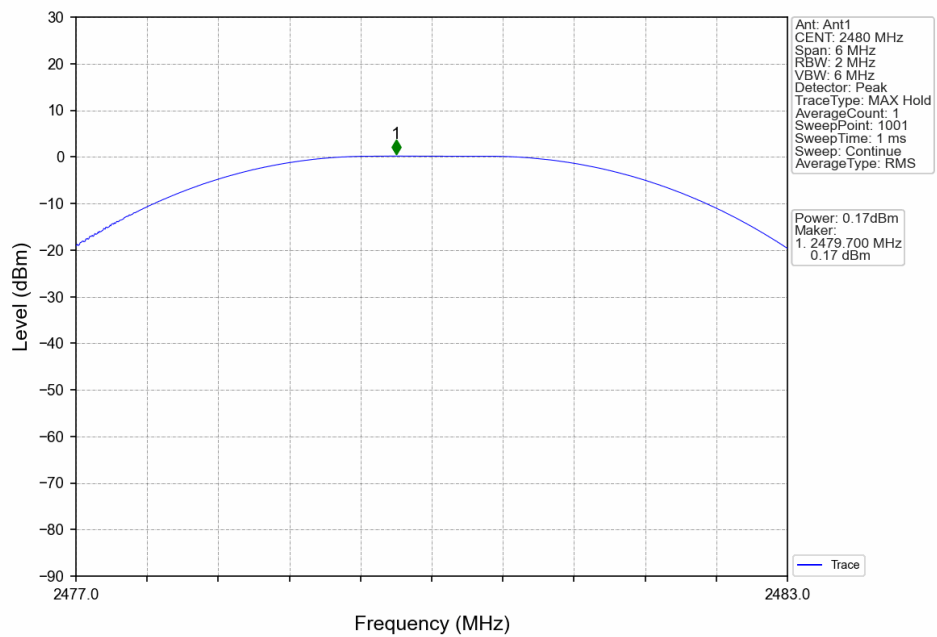
## 2M LCH 2402MHz Ant1 NTNV



## 2M MCH 2440MHz Ant1 NTNV



## 2M HCH 2480MHz Ant1 NTNV



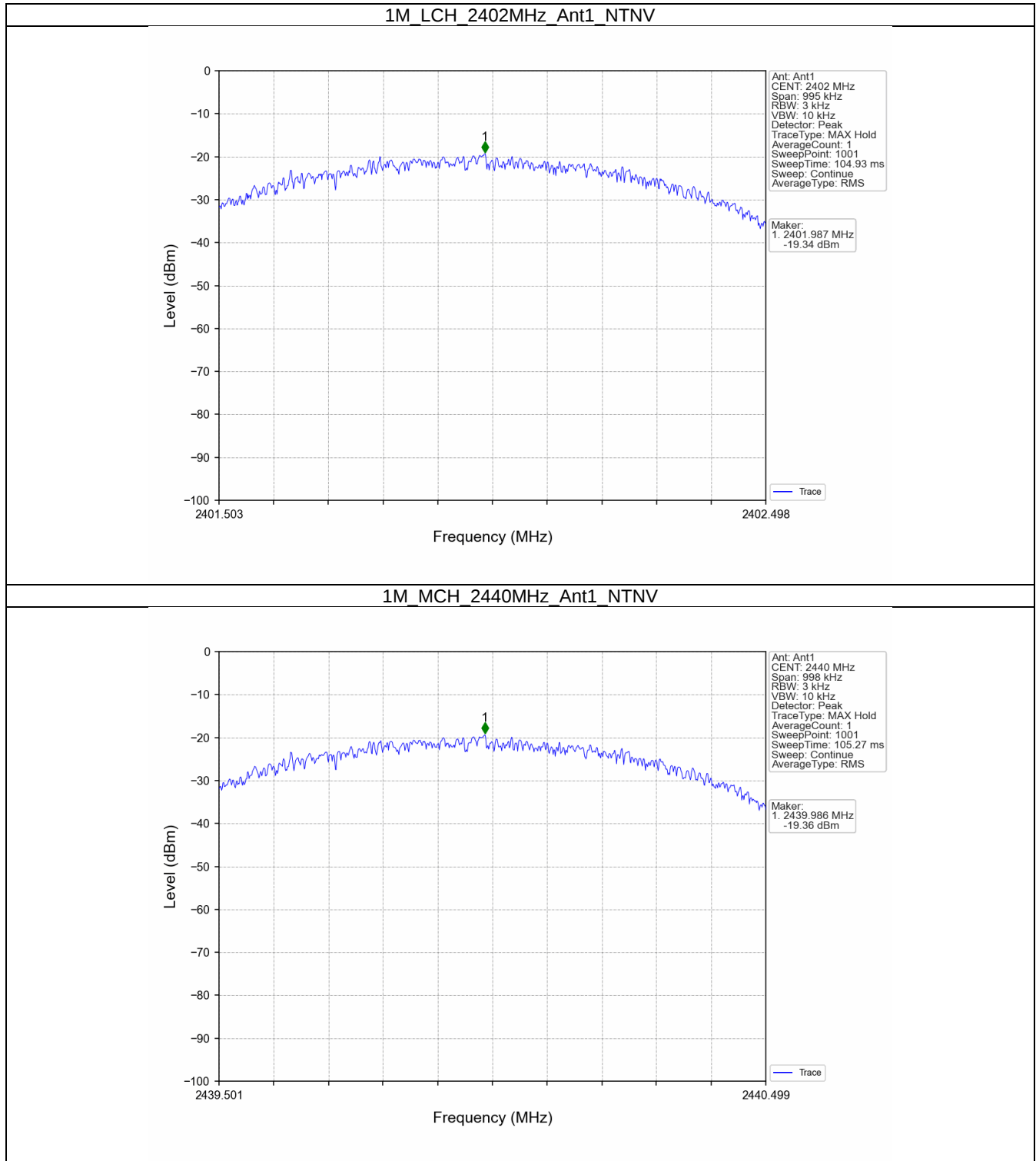
## 4. Maximum Power Spectral Density

### 4.1 PSD

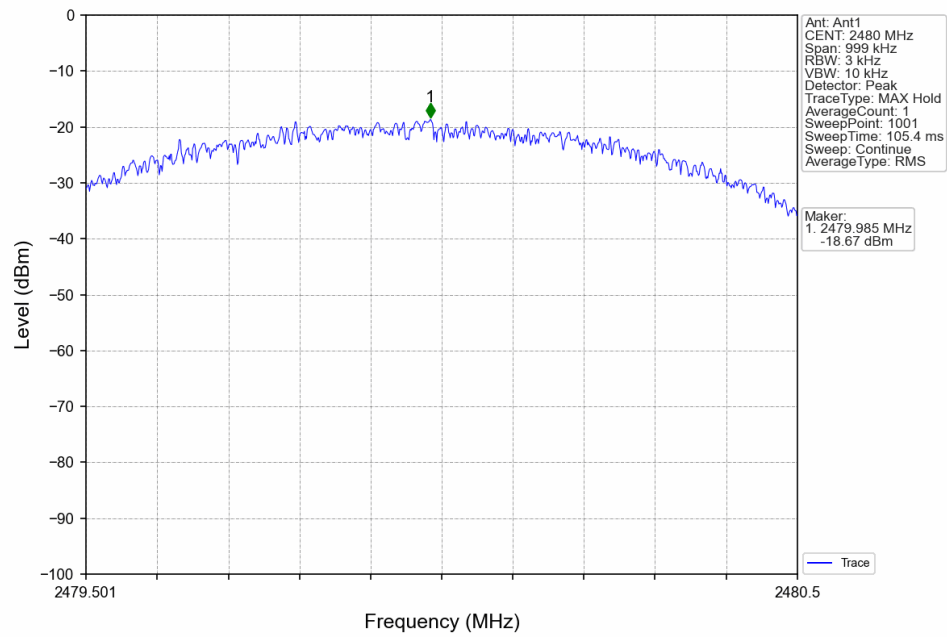
#### 4.1.1 Test Result

| Mode                                | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|-------------------------------------|---------|-----------------|------------------------|-------|---------|
|                                     |         |                 | ANT1                   | Limit |         |
| 1M                                  | SISO    | 2402            | -19.34                 | <=8   | Pass    |
|                                     |         | 2440            | -19.36                 | <=8   | Pass    |
|                                     |         | 2480            | -18.67                 | <=8   | Pass    |
| 2M                                  | SISO    | 2402            | -19.00                 | <=8   | Pass    |
|                                     |         | 2440            | -18.56                 | <=8   | Pass    |
|                                     |         | 2480            | -18.68                 | <=8   | Pass    |
| Note1: Antenna Gain: Ant1: 3.50dBi; |         |                 |                        |       |         |

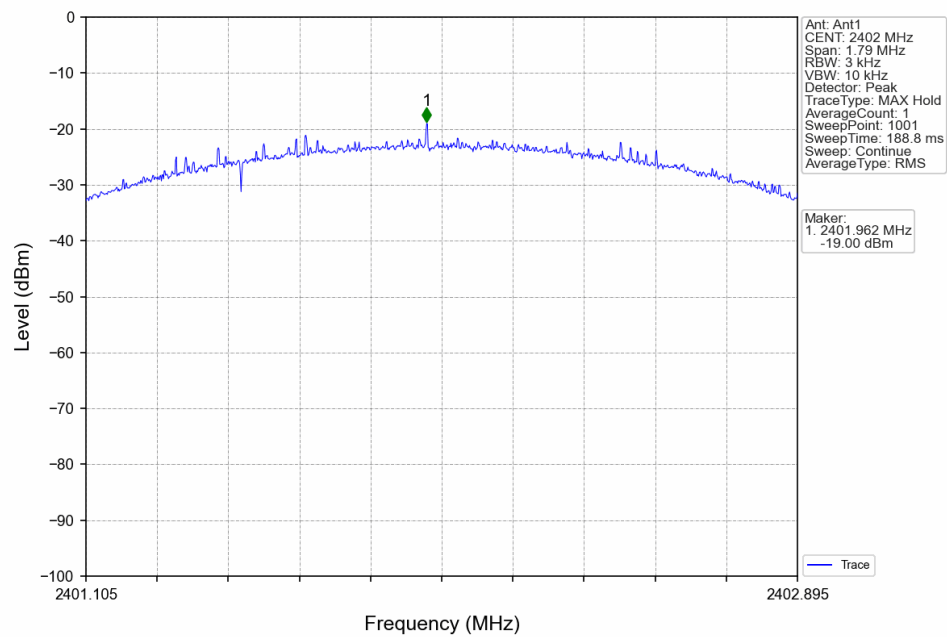
### 4.1.2 Test Graph



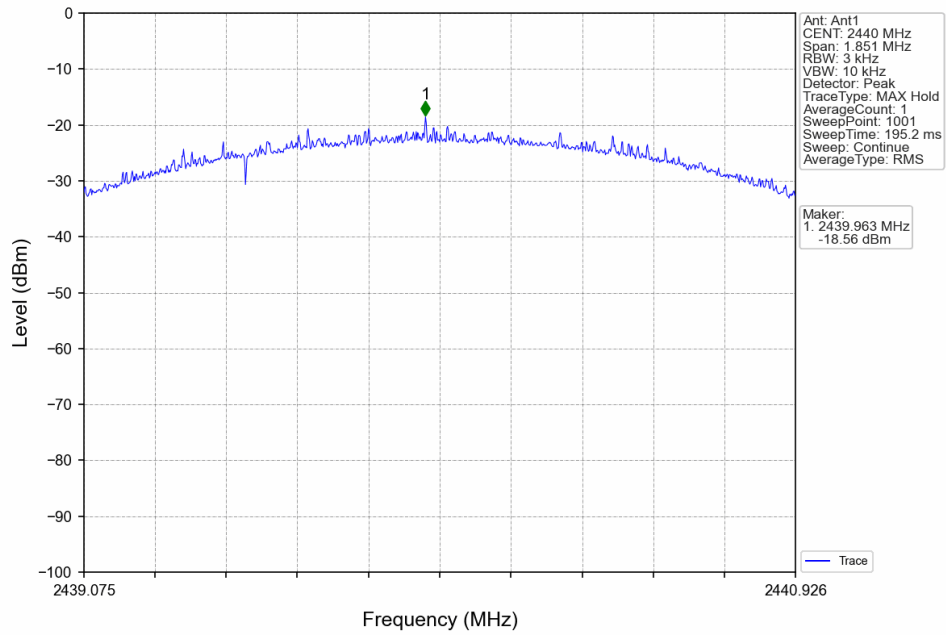
1M HCH 2480MHz Ant1 NTN



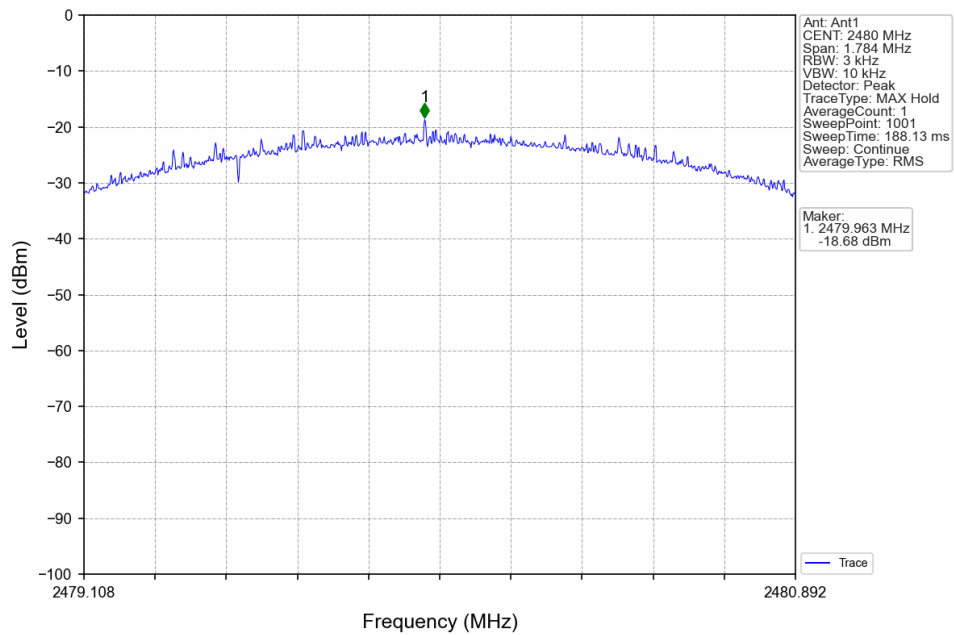
2M LCH 2402MHz Ant1 NTN



## 2M MCH 2440MHz Ant1 NTN



## 2M HCH 2480MHz Ant1 NTN



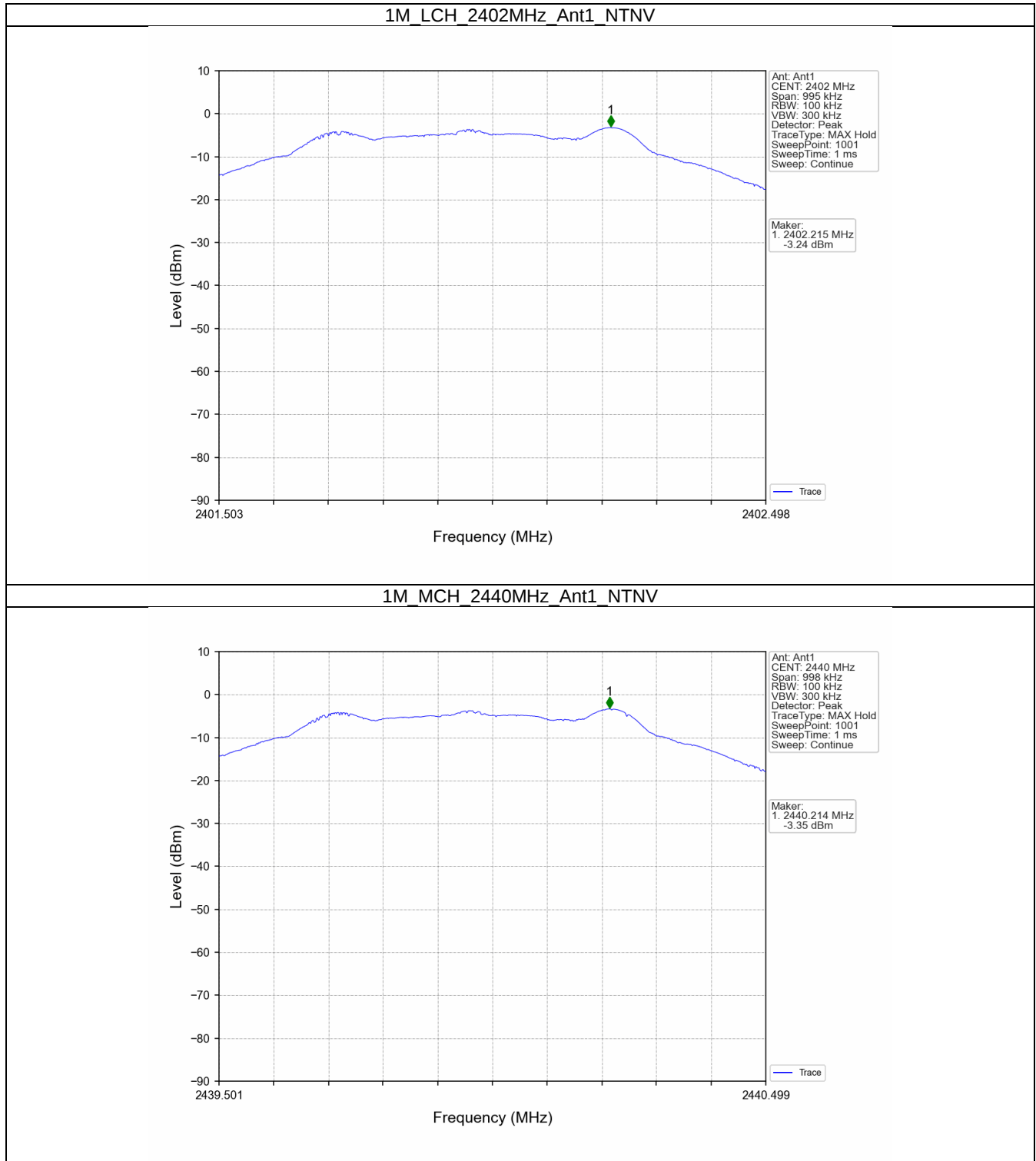
## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

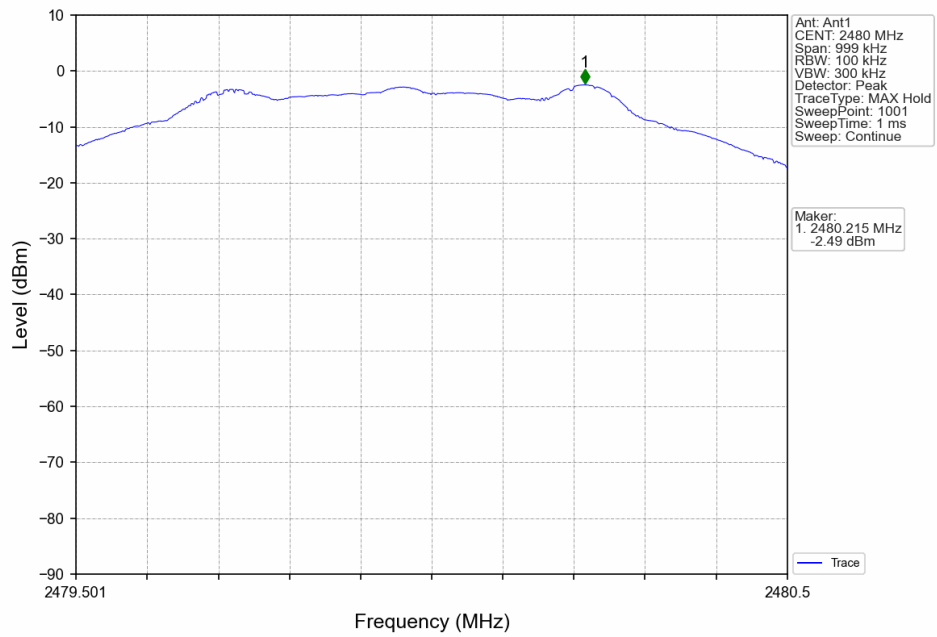
#### 5.1.1 Test Result

| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|
| 1M                                                                                                                                              | SISO    | 2402            | 1   | -3.24                    |
|                                                                                                                                                 |         | 2440            | 1   | -3.35                    |
|                                                                                                                                                 |         | 2480            | 1   | -2.49                    |
| 2M                                                                                                                                              | SISO    | 2402            | 1   | -1.36                    |
|                                                                                                                                                 |         | 2440            | 1   | -0.94                    |
|                                                                                                                                                 |         | 2480            | 1   | -0.86                    |
| 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. |         |                 |     |                          |

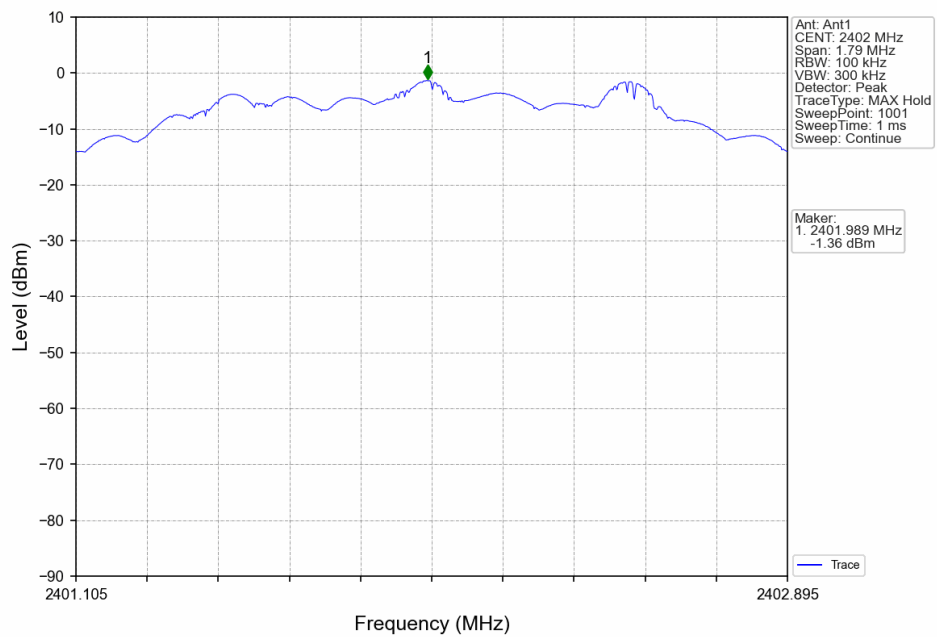
### 5.1.2 Test Graph



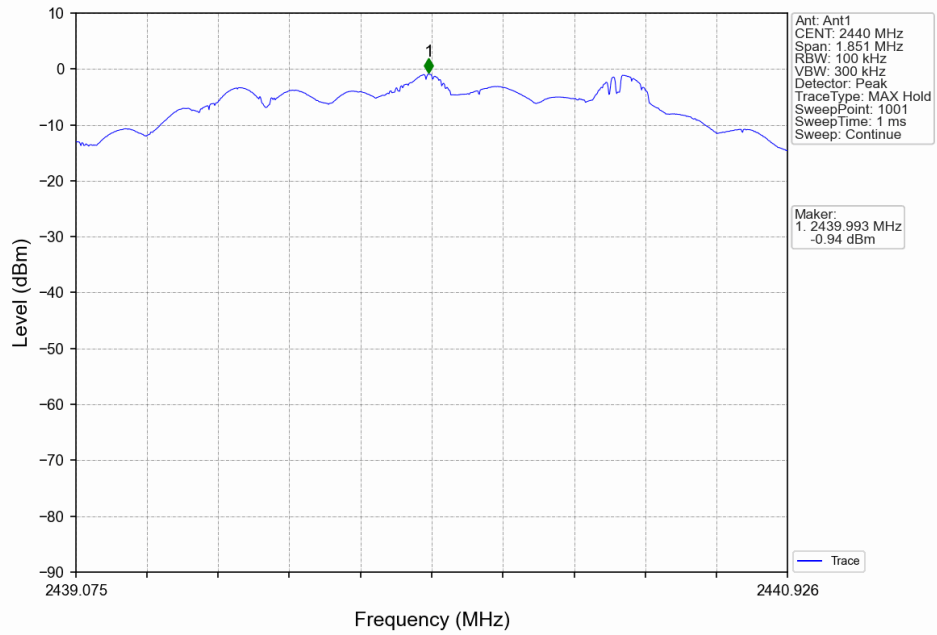
1M HCH 2480MHz Ant1 NTVN



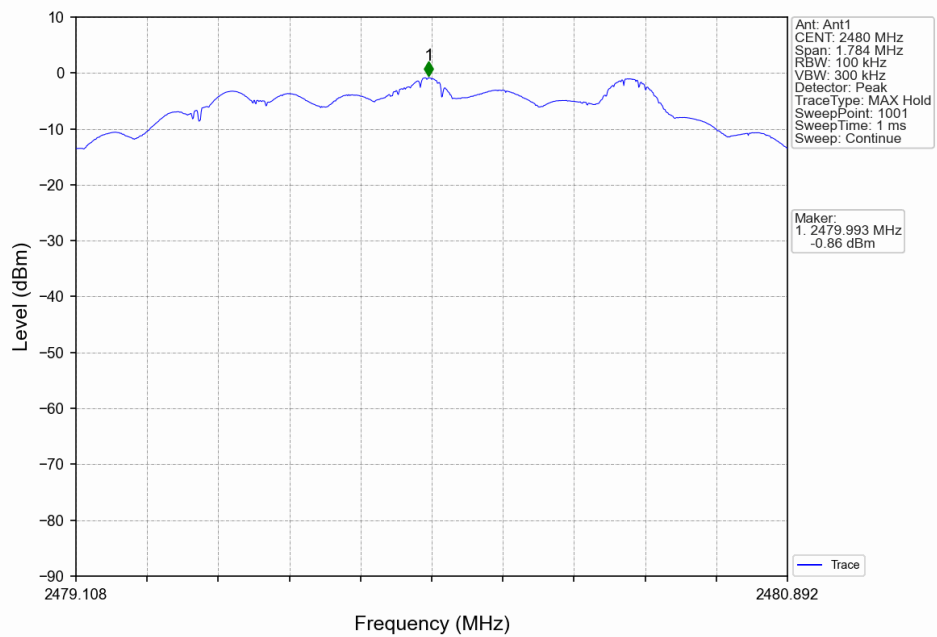
2M LCH 2402MHz Ant1 NTVN



## 2M MCH 2440MHz Ant1 NTNV

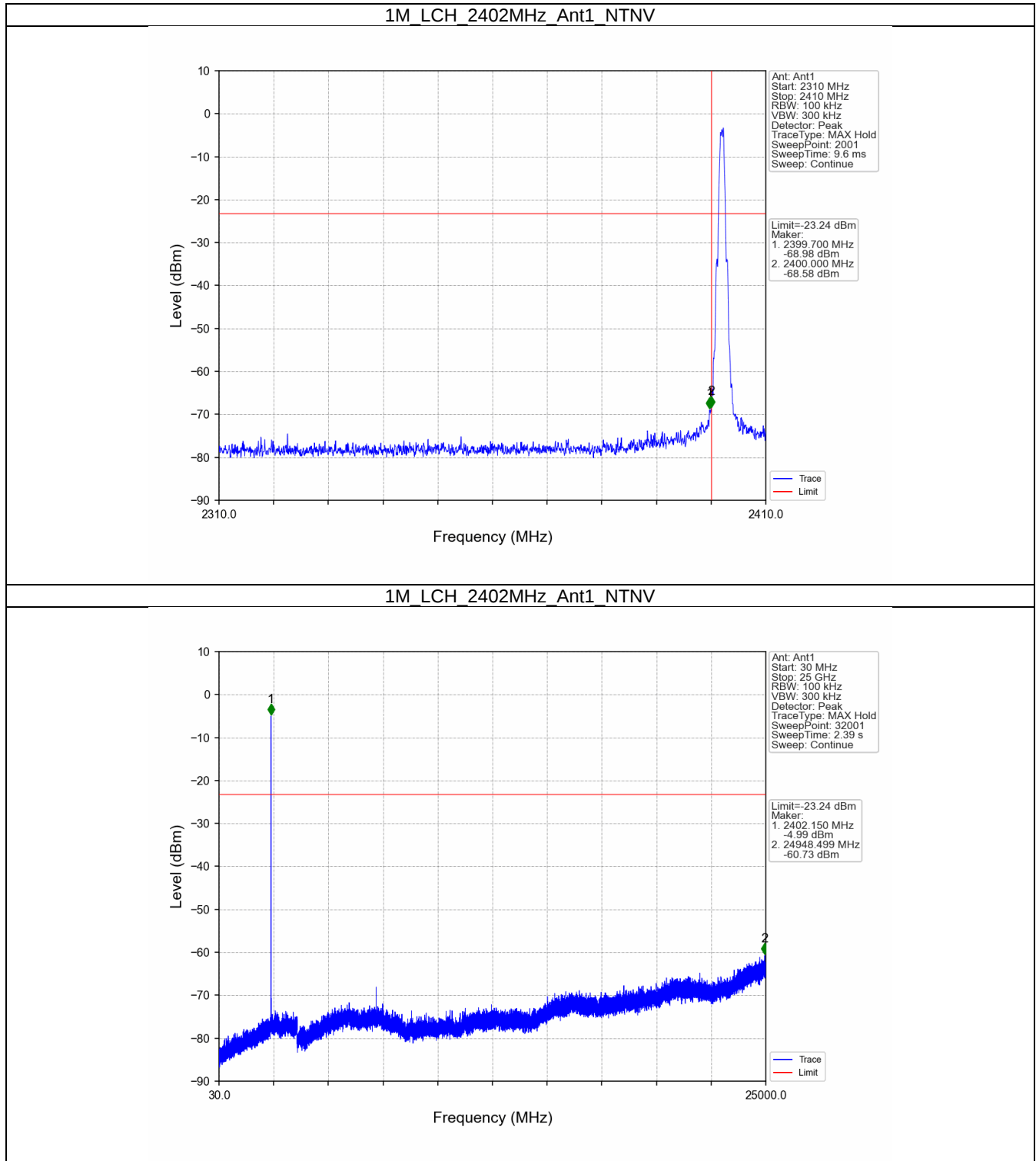


## 2M HCH 2480MHz Ant1 NTNV

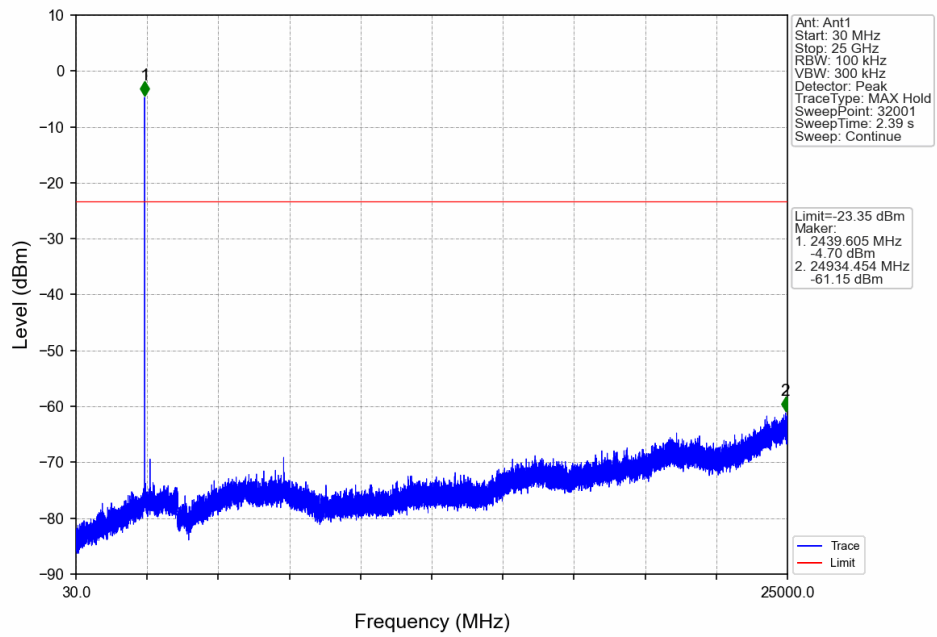


| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M                                                                                                                                              | SISO    | 2402            | 1   | -3.24                    | -23.24      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | -3.35                    | -23.35      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | -2.49                    | -22.49      | Pass    |
| 2M                                                                                                                                              | SISO    | 2402            | 1   | -1.36                    | -21.36      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | -0.94                    | -20.94      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | -0.86                    | -20.86      | 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. |         |                 |     |                          |             |         |

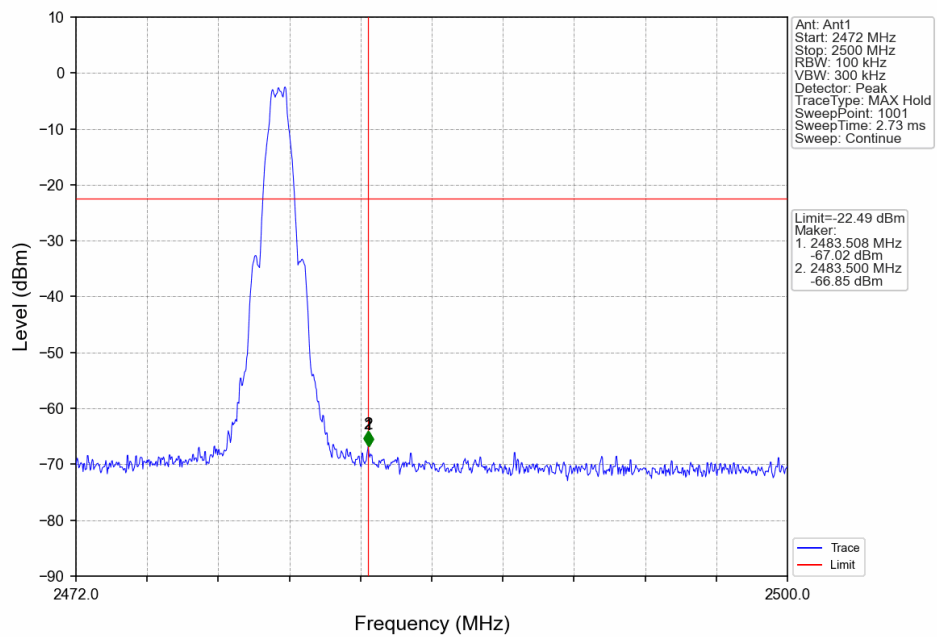
## 5.2.2 Test Graph



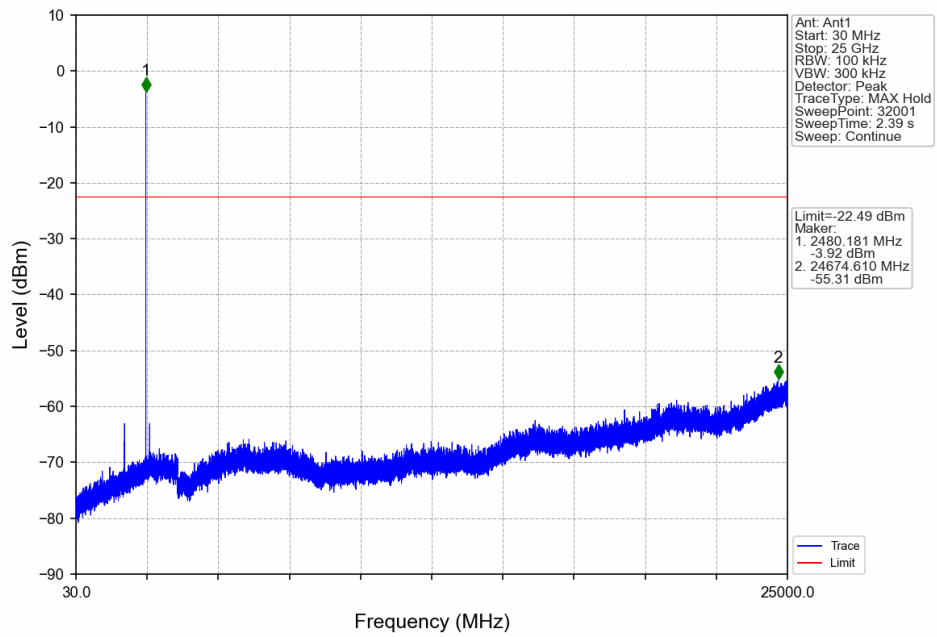
### 1M MCH 2440MHz Ant1 NTNV



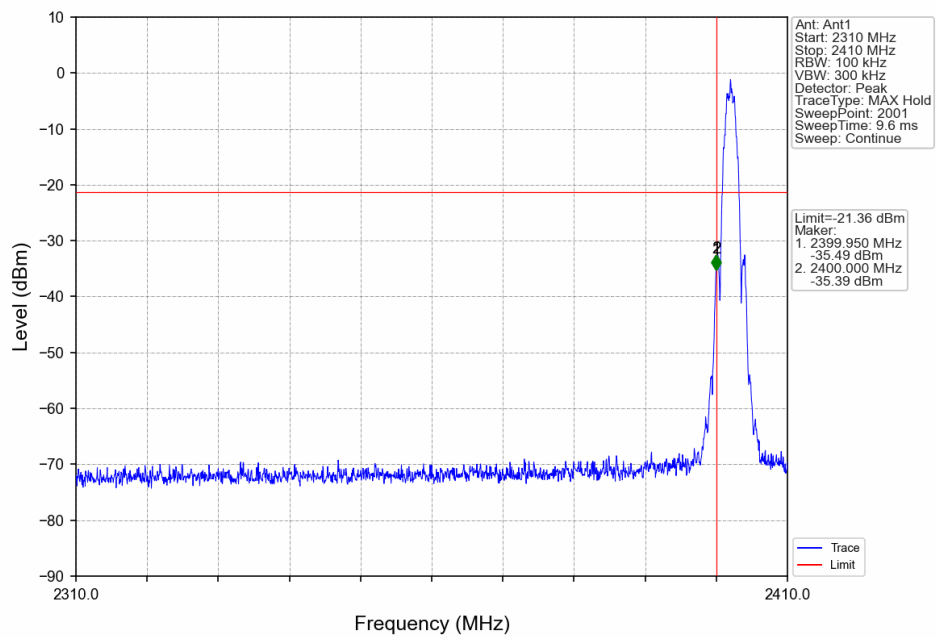
### 1M HCH 2480MHz Ant1 NTNV



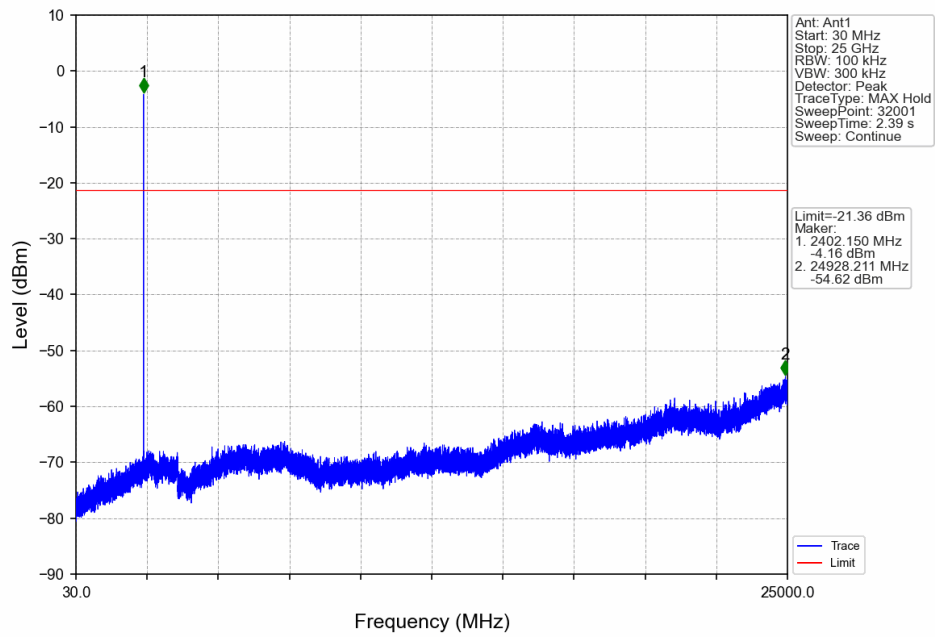
### 1M HCH 2480MHz Ant1 NTNV



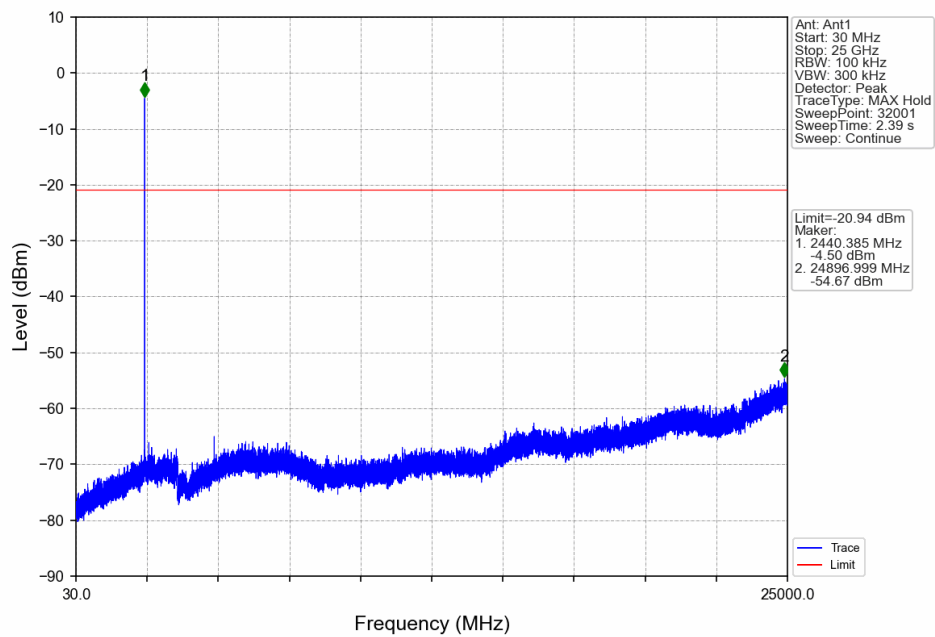
### 2M LCH 2402MHz Ant1 NTNV



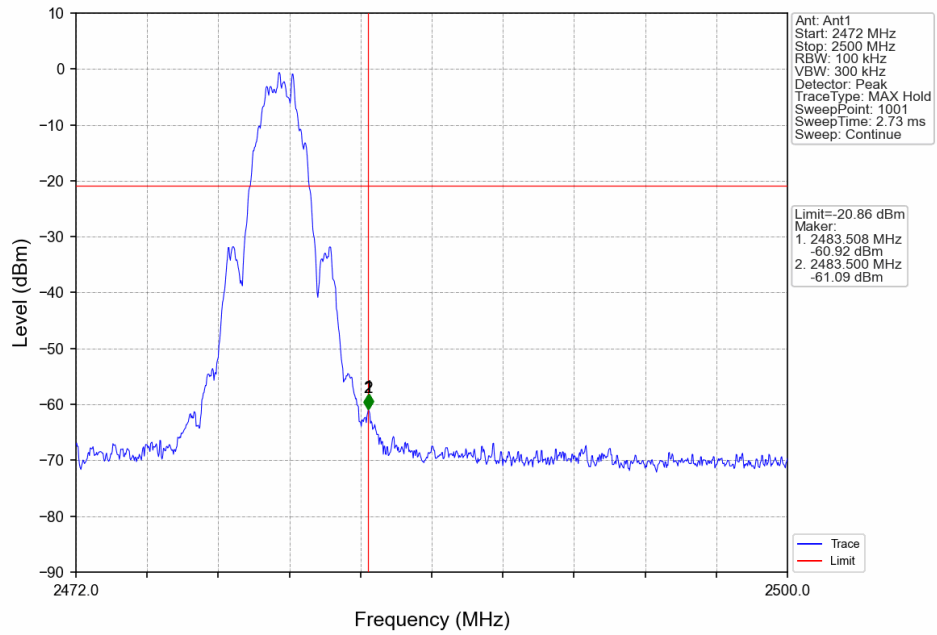
## 2M LCH 2402MHz Ant1 NTV



## 2M MCH 2440MHz Ant1 NTV



## 2M HCH 2480MHz Ant1 NTN



## 2M HCH 2480MHz Ant1 NTN

