

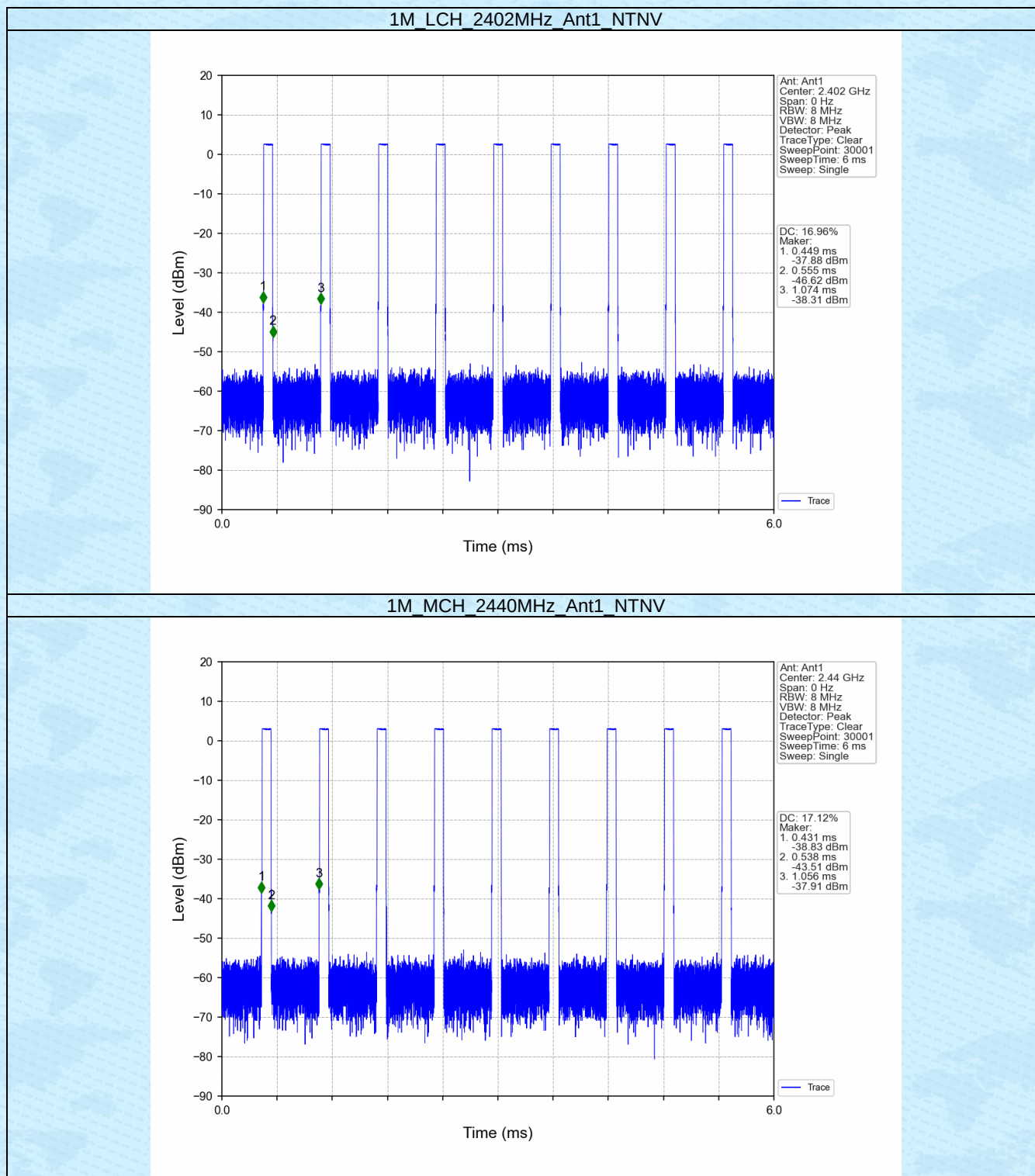
## 1. Duty Cycle

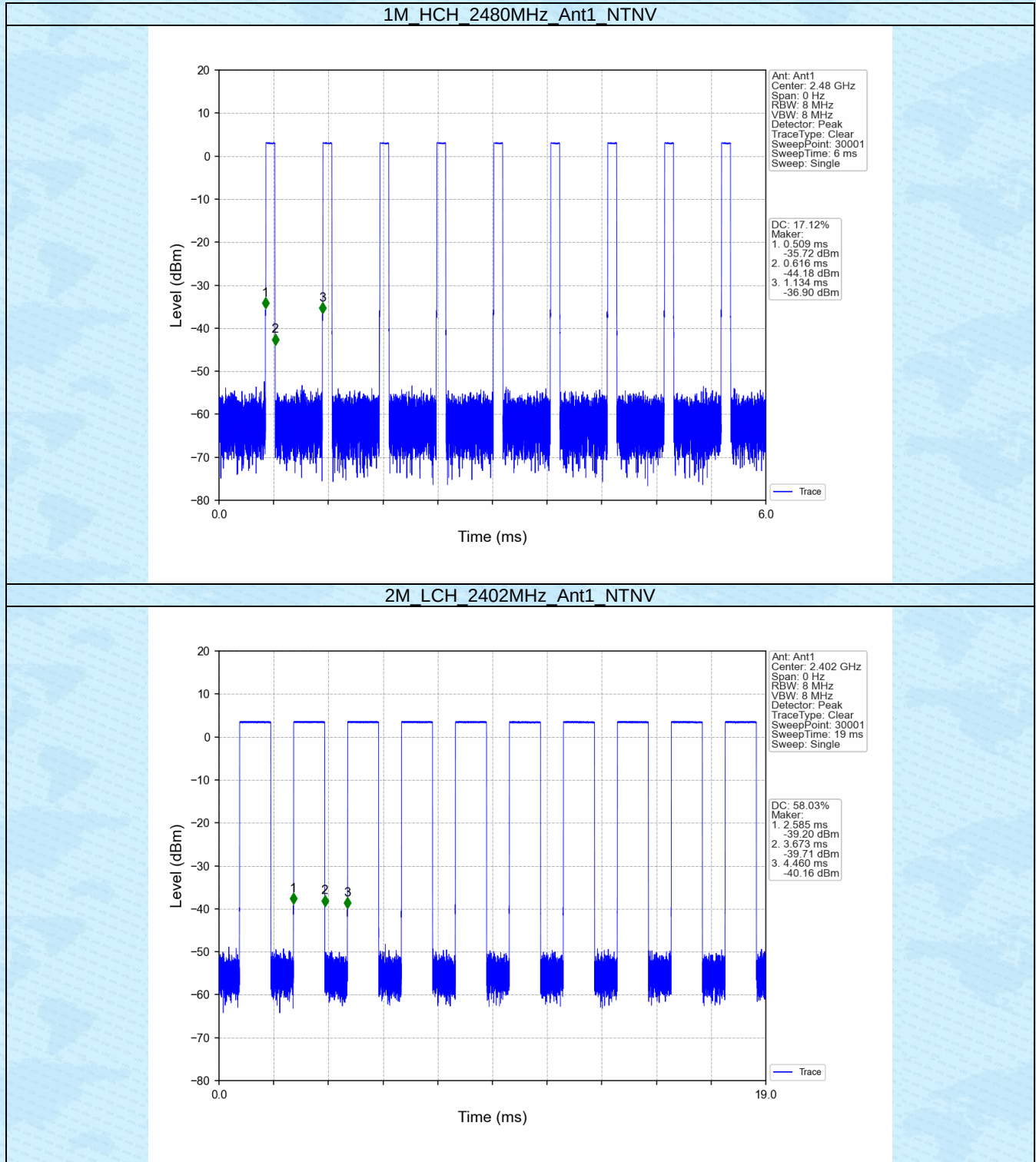
### 1.1 Ant1

#### 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            | 0.106     | 0.625       | 16.96          | 7.71                              | 0.03                  |
|      |         | 2440            | 0.107     | 0.625       | 17.12          | 7.66                              | 0.00                  |
|      |         | 2480            | 0.107     | 0.625       | 17.12          | 7.66                              | 0.00                  |
| 2M   | SISO    | 2402            | 1.088     | 1.875       | 58.03          | 2.36                              | 0.03                  |
|      |         | 2440            | 1.090     | 1.875       | 58.13          | 2.36                              | 0.02                  |
|      |         | 2480            | 1.090     | 1.875       | 58.13          | 2.36                              | 0.02                  |

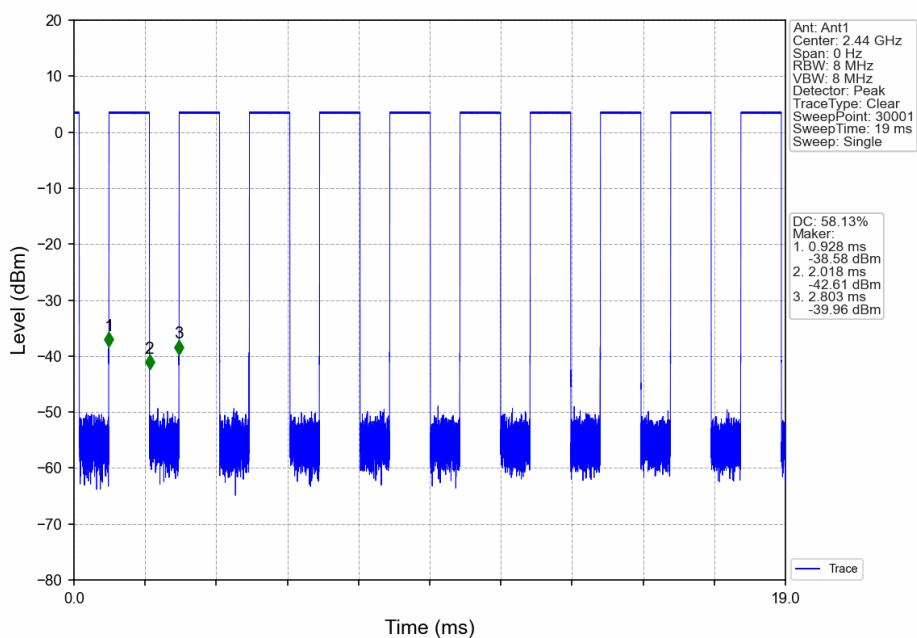
## 1.1.2 Test Graph



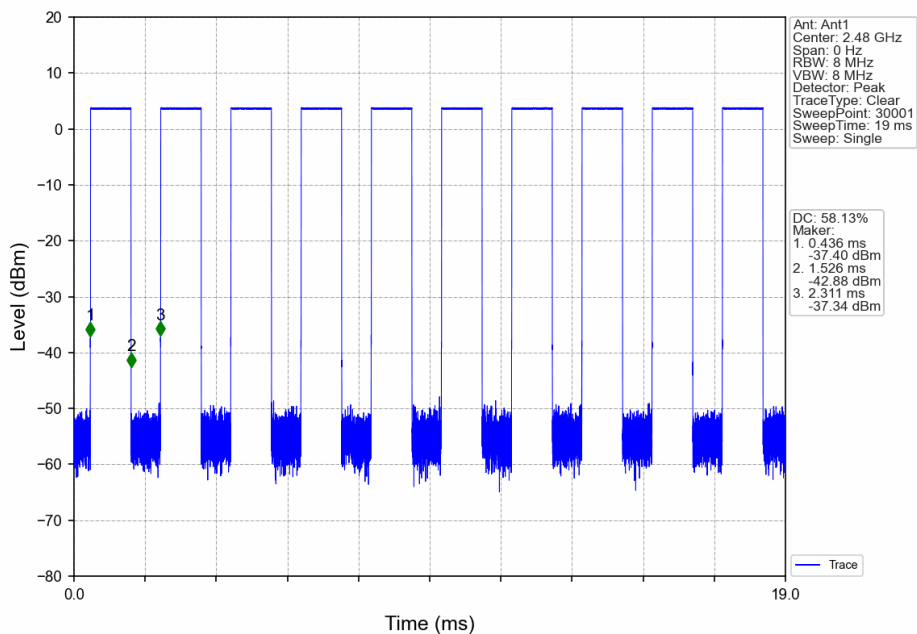




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



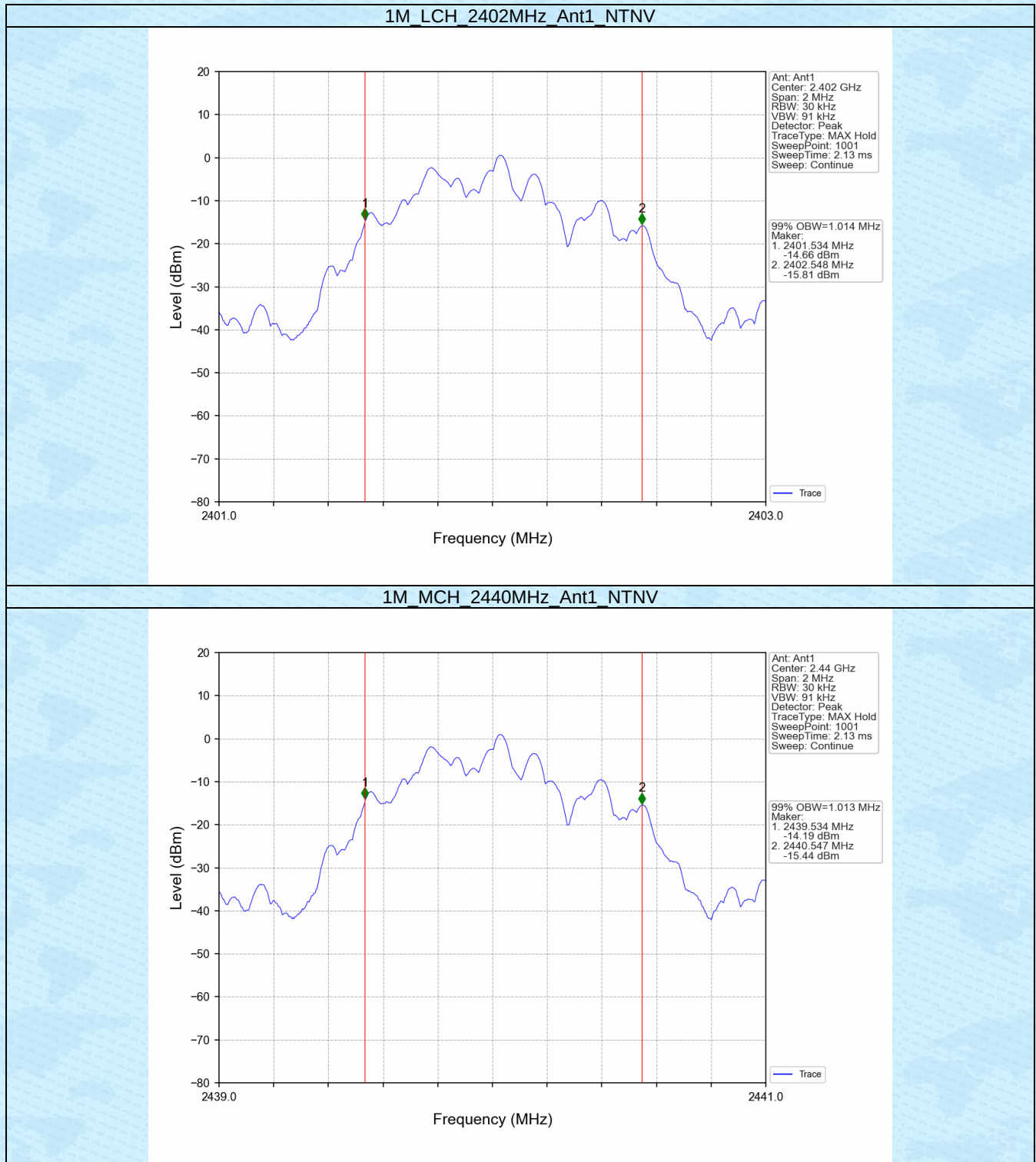
## 2. Bandwidth

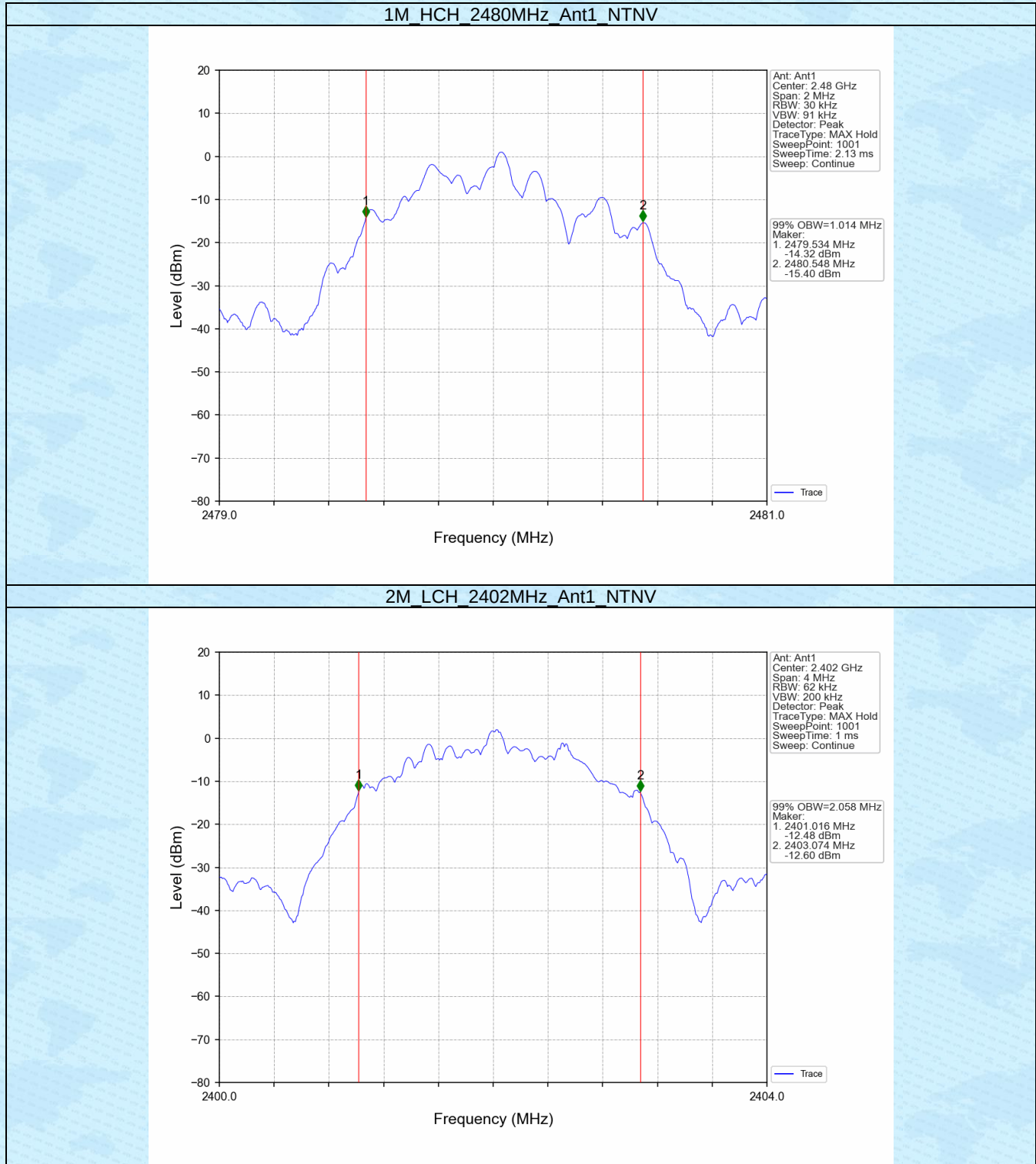
### 2.1 OBW

#### 2.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | Verdict |
|------|---------|-----------------|-----|------------------------------|---------|
|      |         |                 |     | Result                       |         |
| 1M   | SISO    | 2402            | 1   | 1.014                        | Pass    |
|      |         | 2440            | 1   | 1.013                        | Pass    |
|      |         | 2480            | 1   | 1.014                        | Pass    |
| 2M   | SISO    | 2402            | 1   | 2.058                        | Pass    |
|      |         | 2440            | 1   | 2.061                        | Pass    |
|      |         | 2480            | 1   | 2.059                        | Pass    |

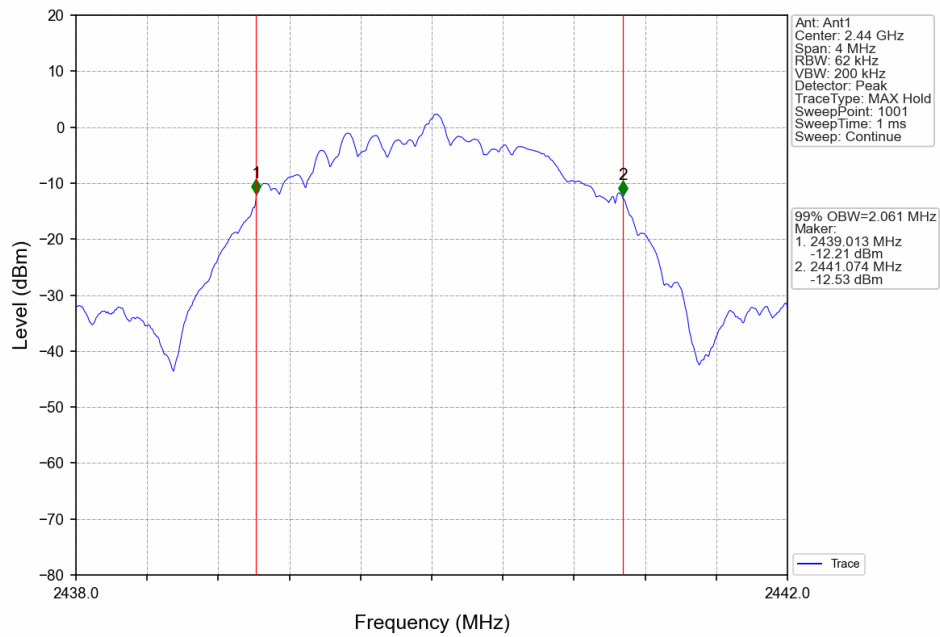
## 2.1.2 Test Graph



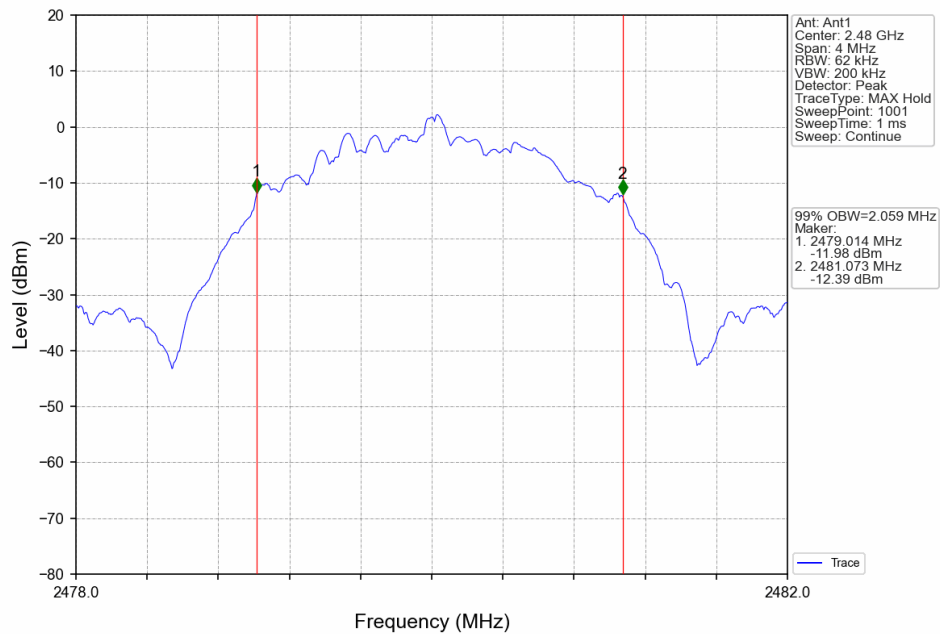




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



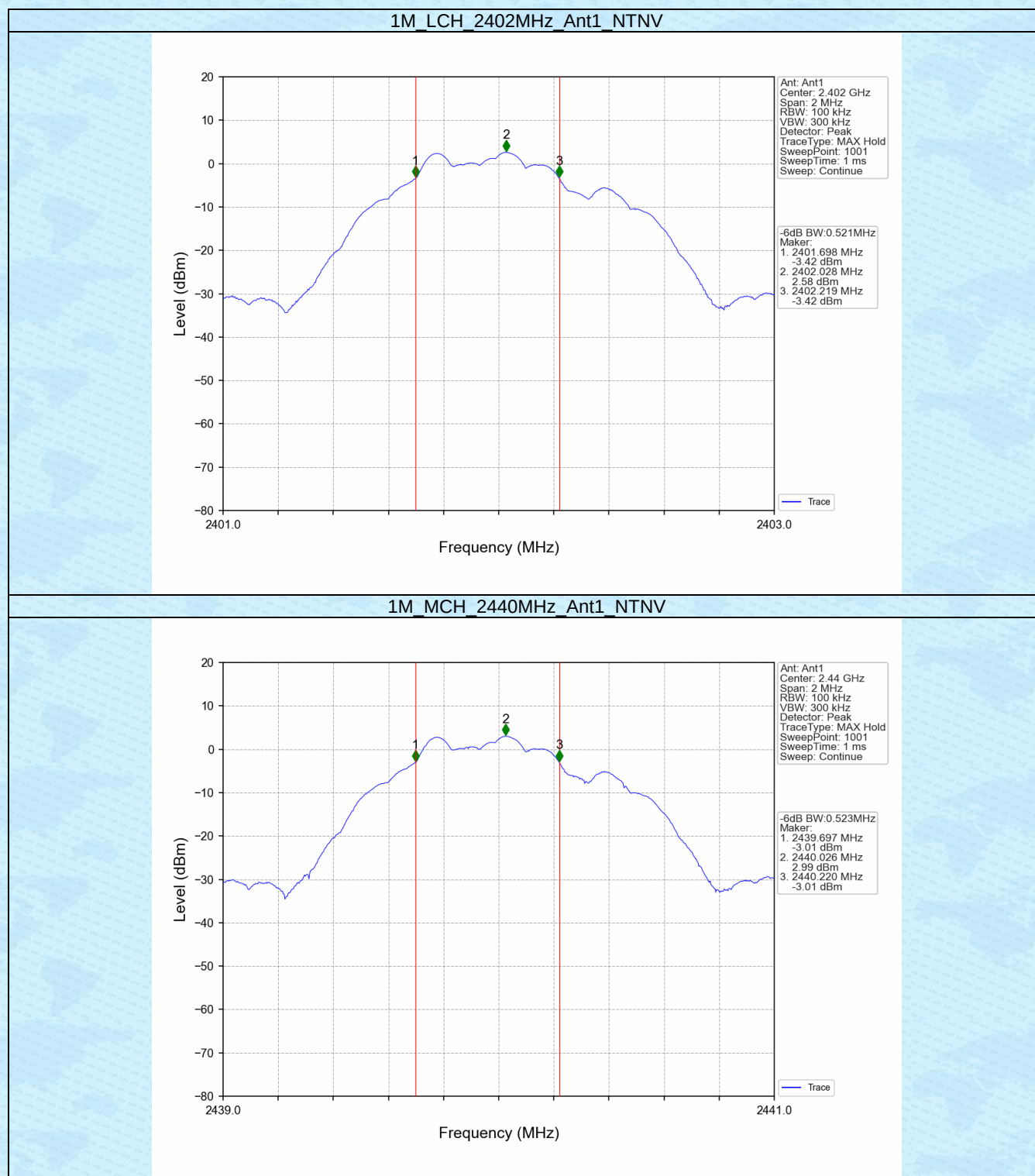


## 2.2 6dB BW

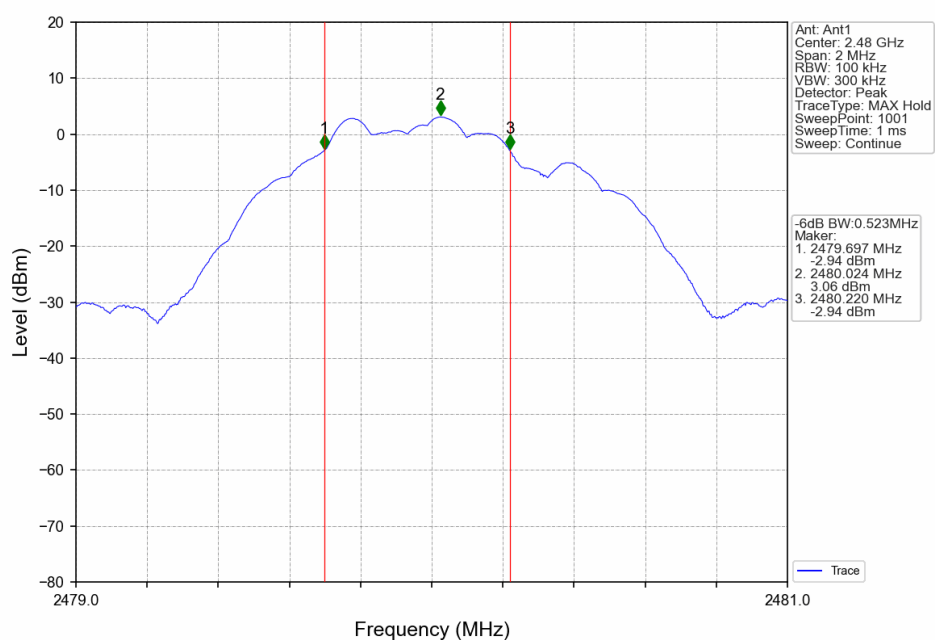
### 2.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.521               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.523               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.523               | $\geq 0.5$ | Pass    |
| 2M   | SISO    | 2402            | 1   | 1.142               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 1.138               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 1.136               | $\geq 0.5$ | Pass    |

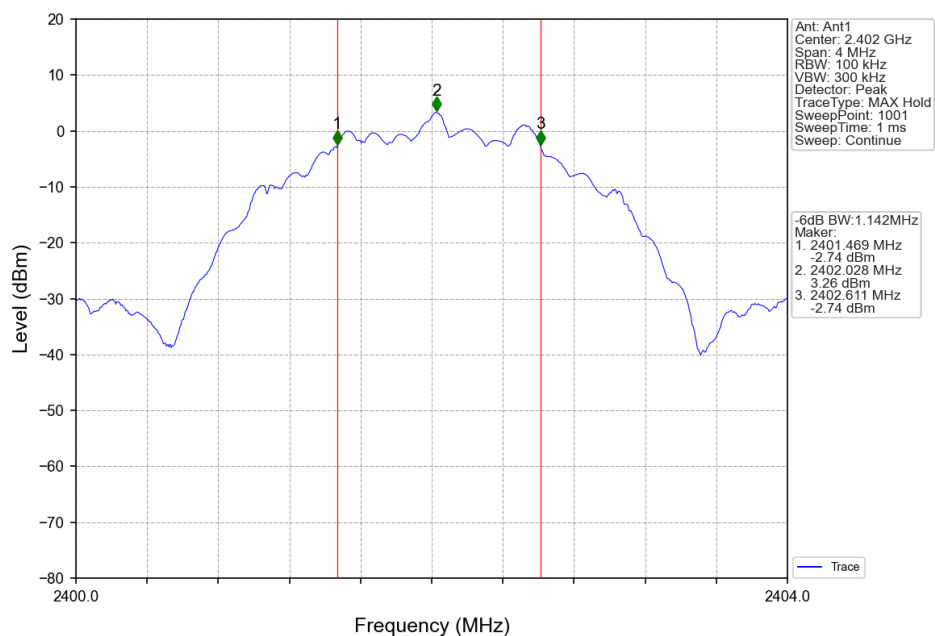
## 2.2.2 Test Graph



1M\_HCH\_2480MHz\_Ant1\_NTNV

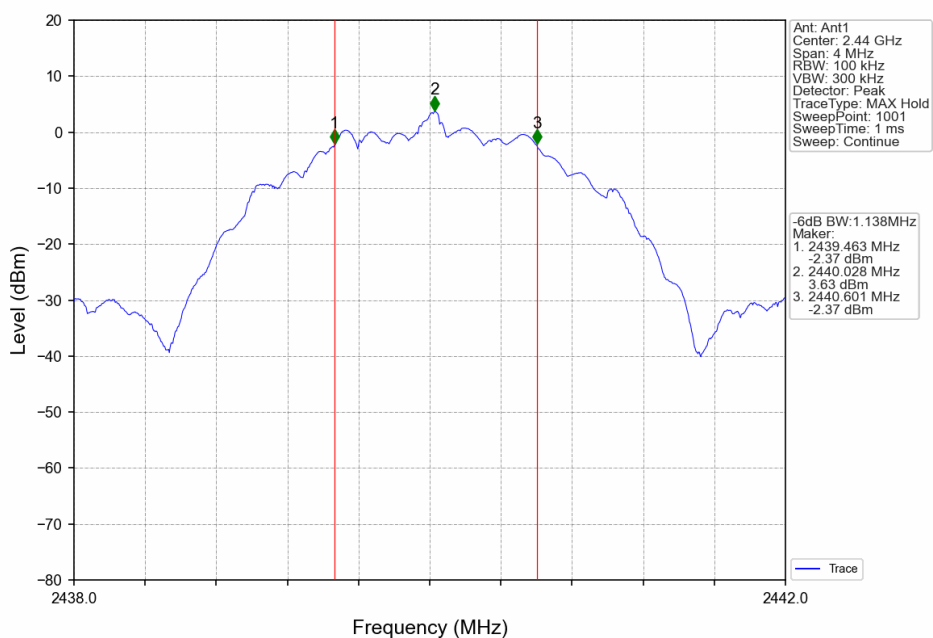


2M\_LCH\_2402MHz\_Ant1\_NTNV

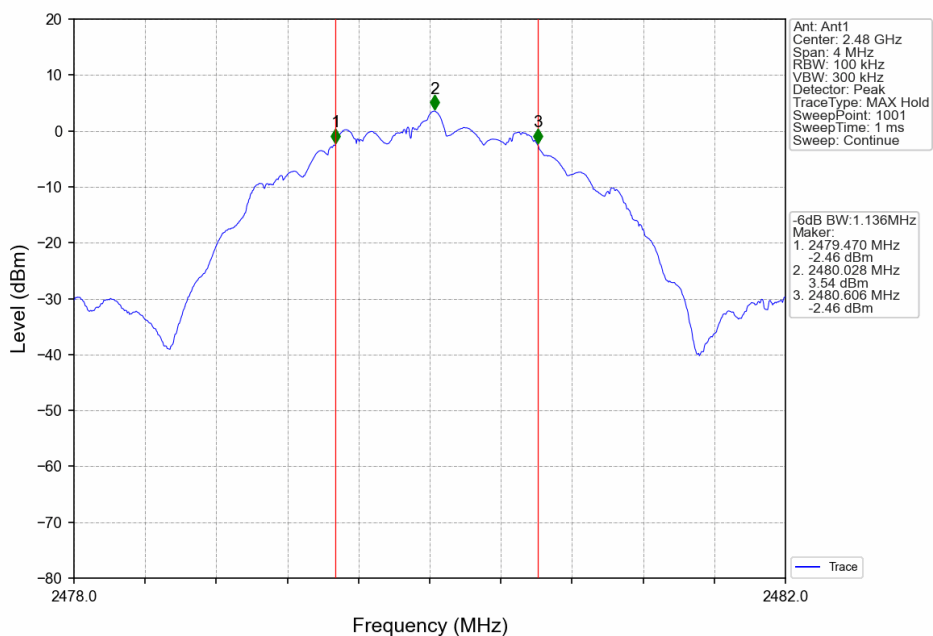




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

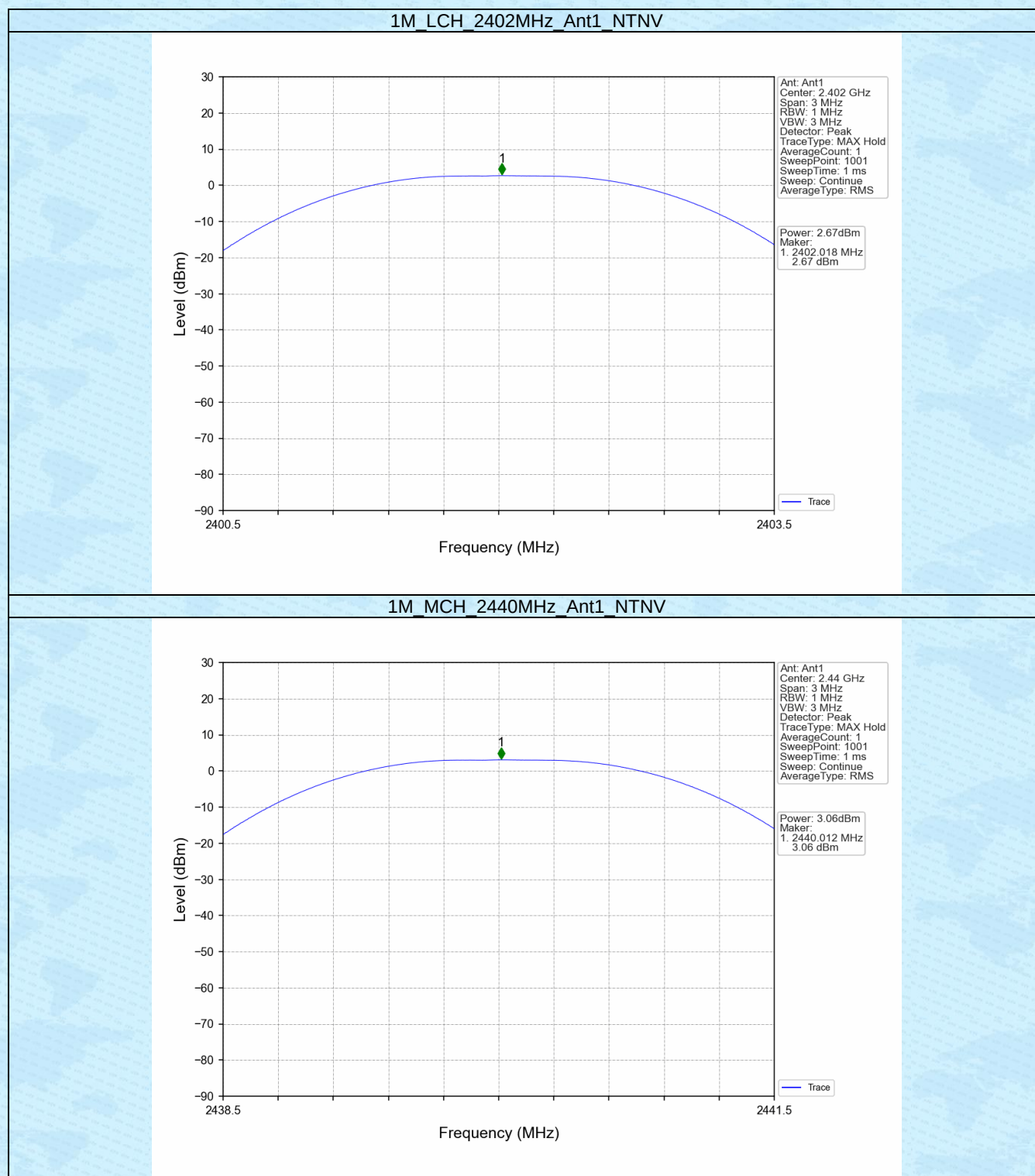
#### 3.1 Power

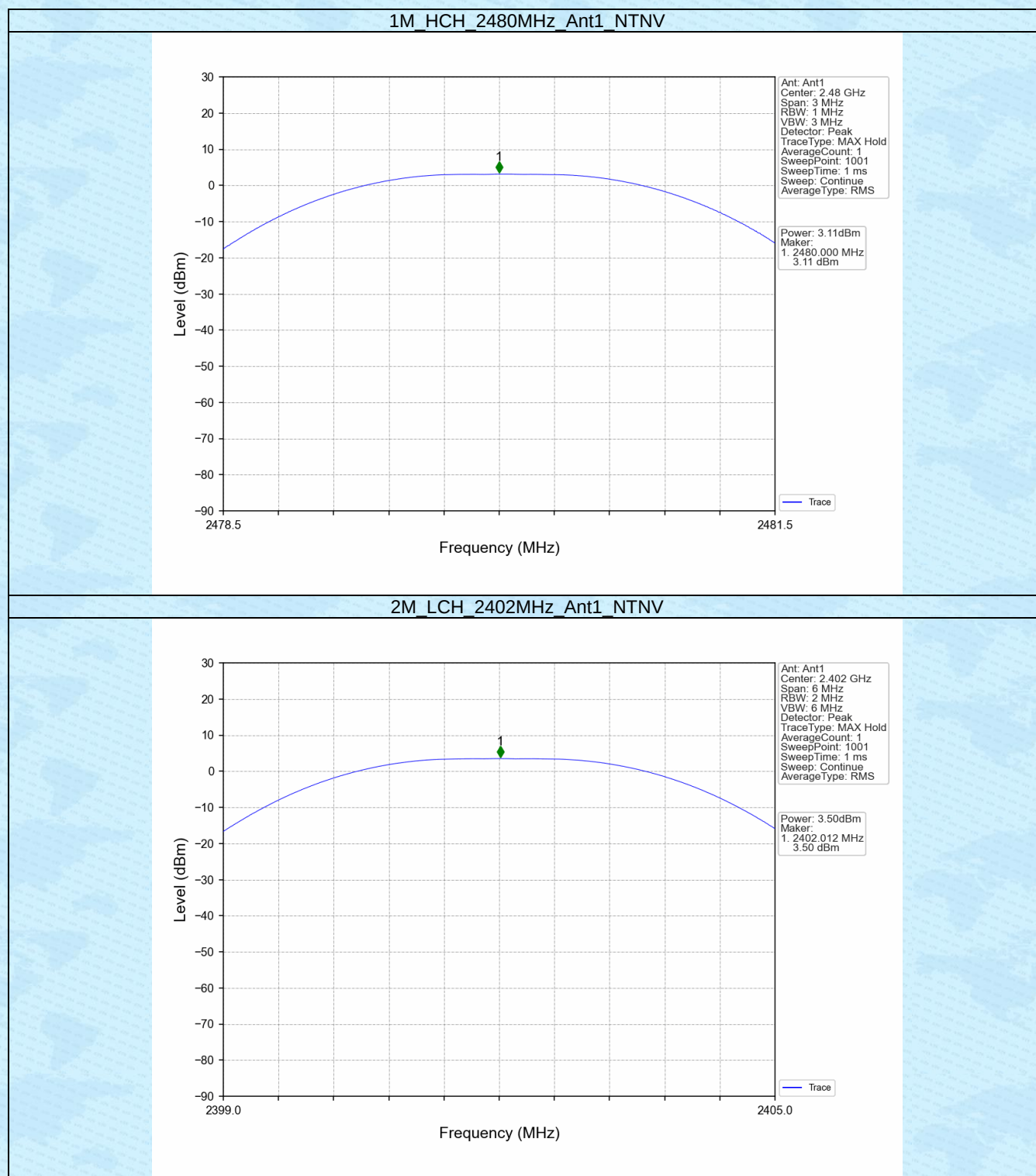
##### 3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|------|---------|-----------------|-------------------------------------------|-------|---------|
|      |         |                 | ANT1                                      | Limit |         |
| 1M   | SISO    | 2402            | 2.67                                      | <=30  | Pass    |
|      |         | 2440            | 3.06                                      | <=30  | Pass    |
|      |         | 2480            | 3.11                                      | <=30  | Pass    |
| 2M   | SISO    | 2402            | 3.50                                      | <=30  | Pass    |
|      |         | 2440            | 3.87                                      | <=30  | Pass    |
|      |         | 2480            | 3.74                                      | <=30  | Pass    |

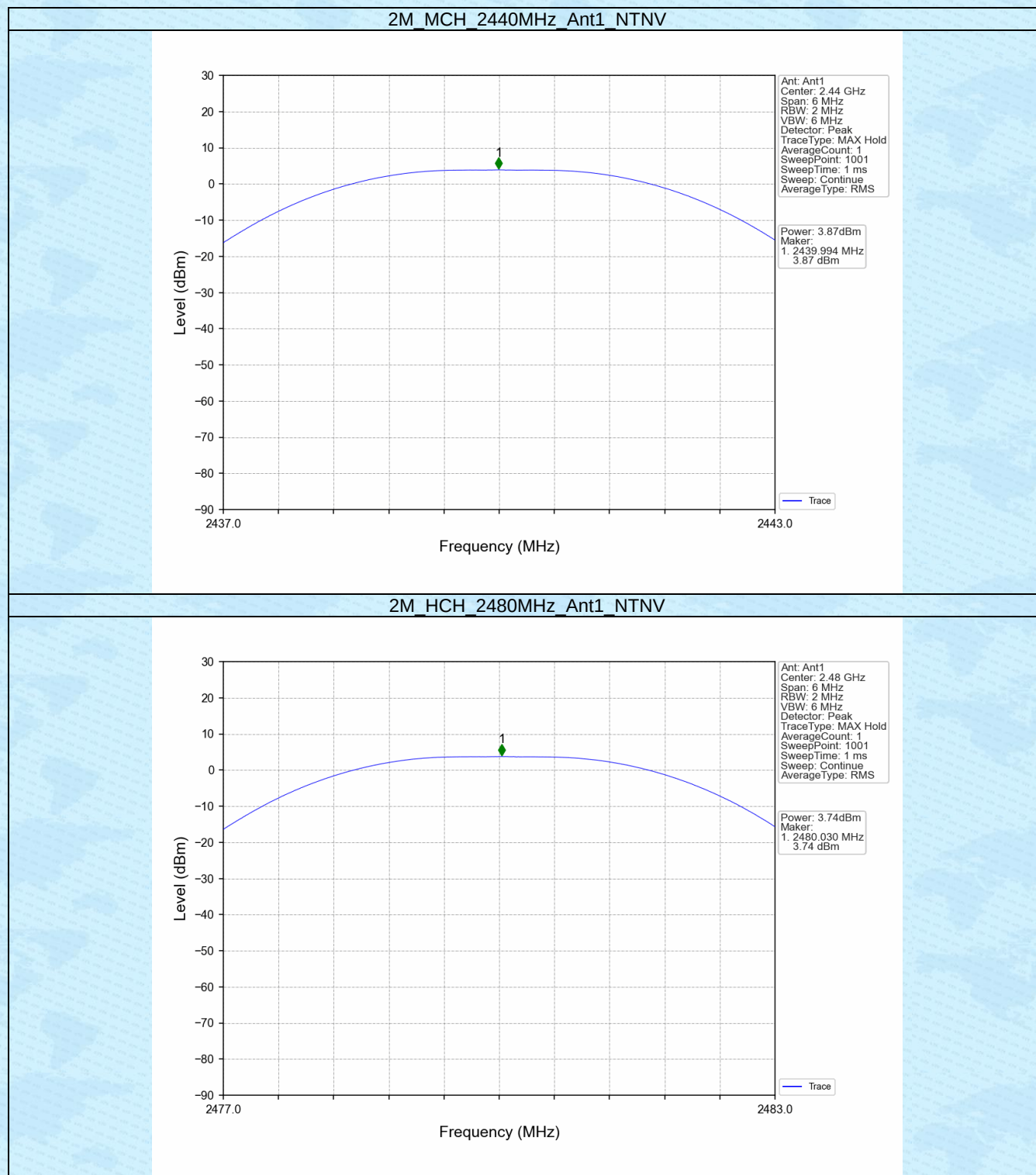
Note1: Antenna Gain: Ant1: 2.41dBi;

## 3.1.2 Test Graph









## 4. Maximum Power Spectral Density

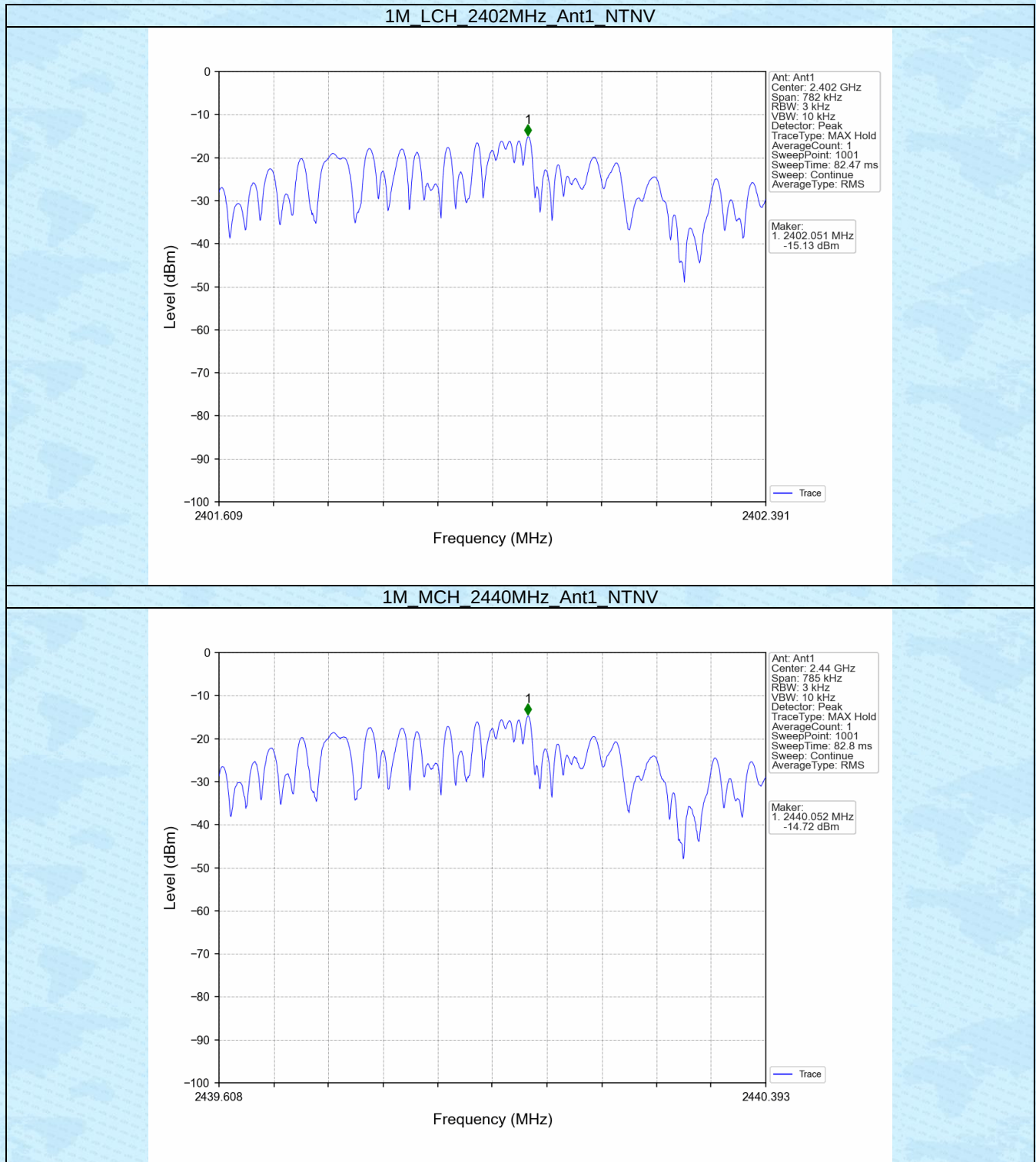
### 4.1 PSD

#### 4.1.1 Test Result

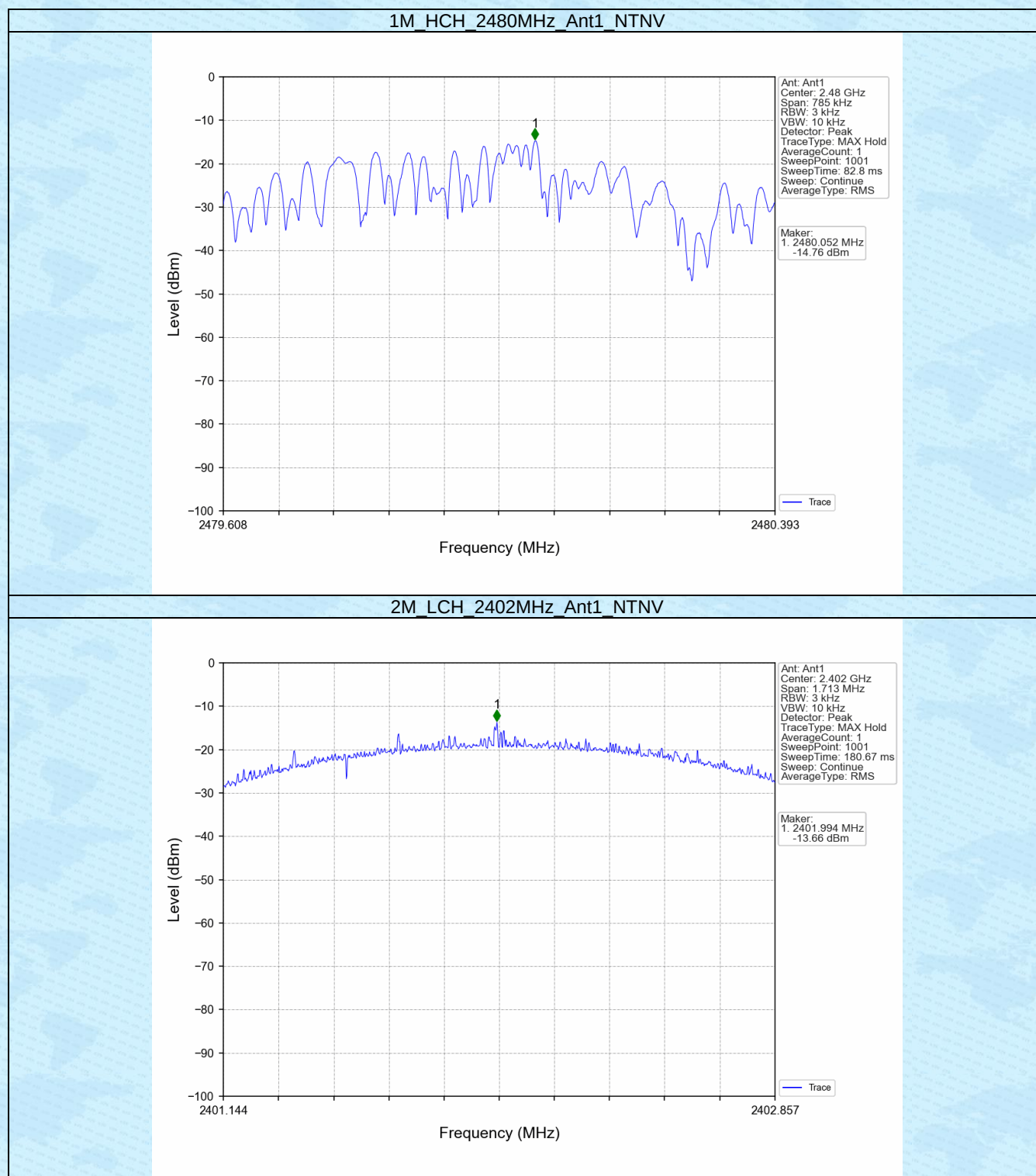
| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
|      |         |                 | ANT1                   | Limit |         |
| 1M   | SISO    | 2402            | -15.13                 | <=8   | Pass    |
|      |         | 2440            | -14.72                 | <=8   | Pass    |
|      |         | 2480            | -14.76                 | <=8   | Pass    |
| 2M   | SISO    | 2402            | -13.66                 | <=8   | Pass    |
|      |         | 2440            | -12.88                 | <=8   | Pass    |
|      |         | 2480            | -14.23                 | <=8   | Pass    |

Note1: Antenna Gain: Ant1: 2.41dBi;

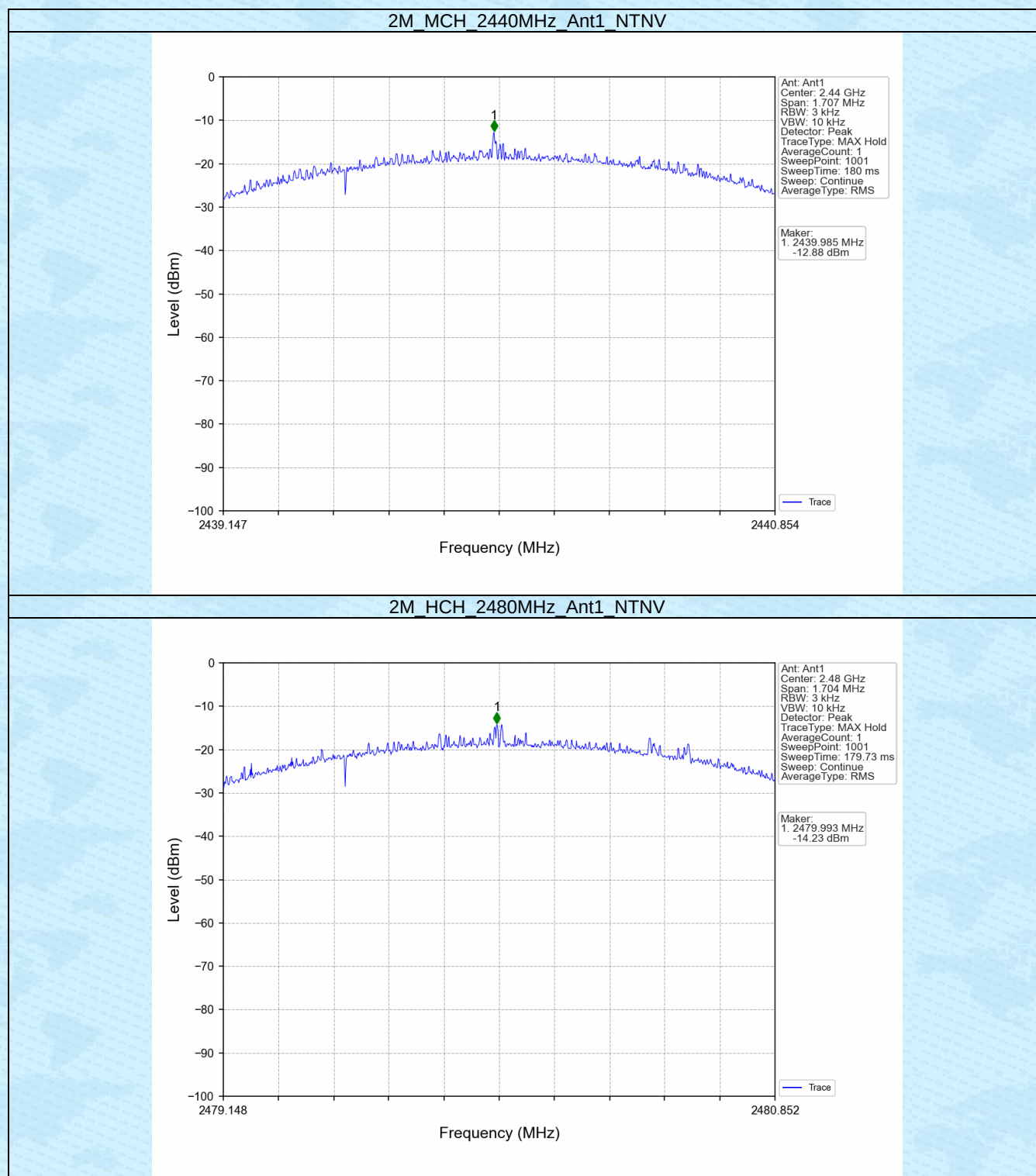
## 4.1.2 Test Graph











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

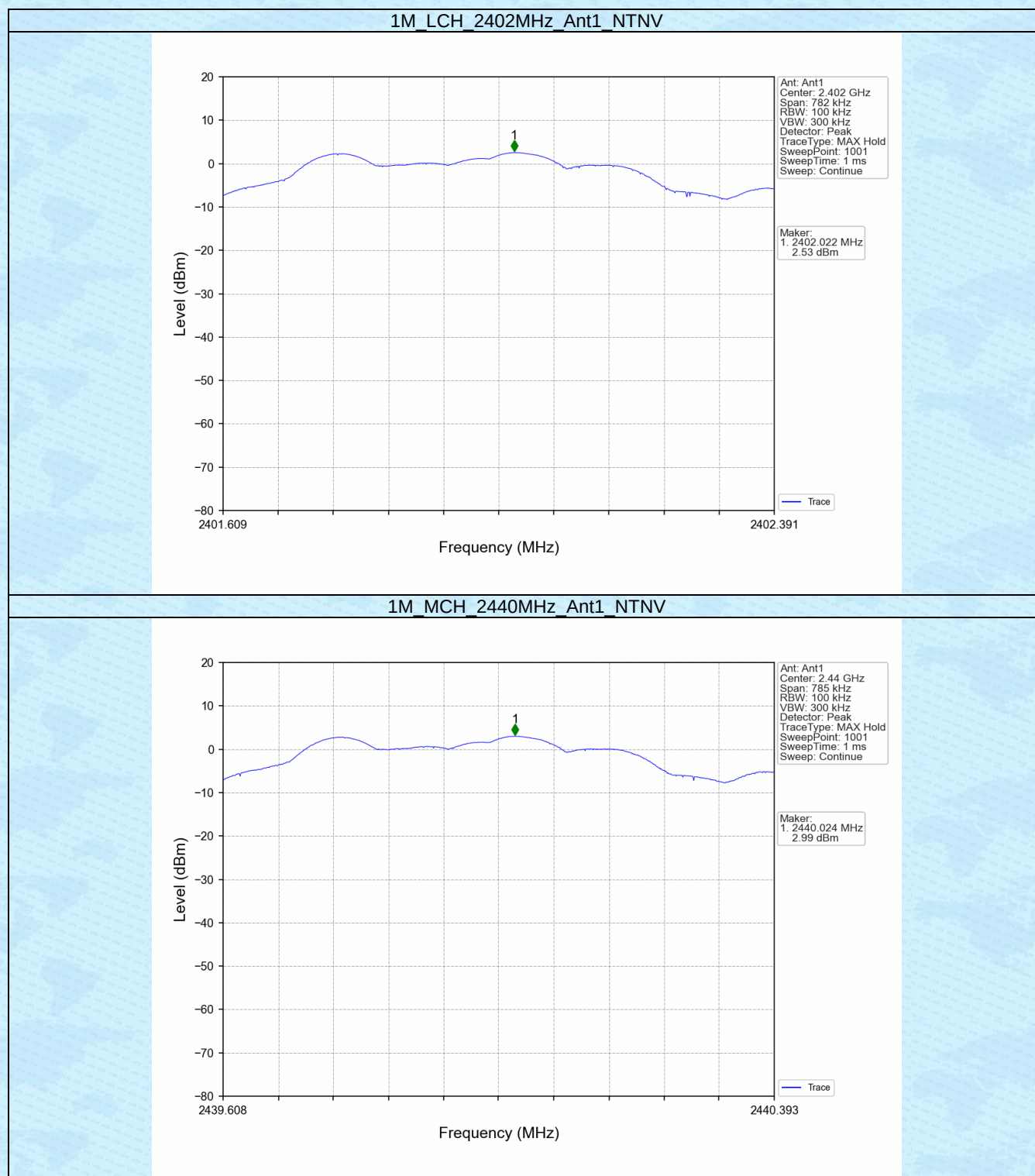
### 5.1 Ref

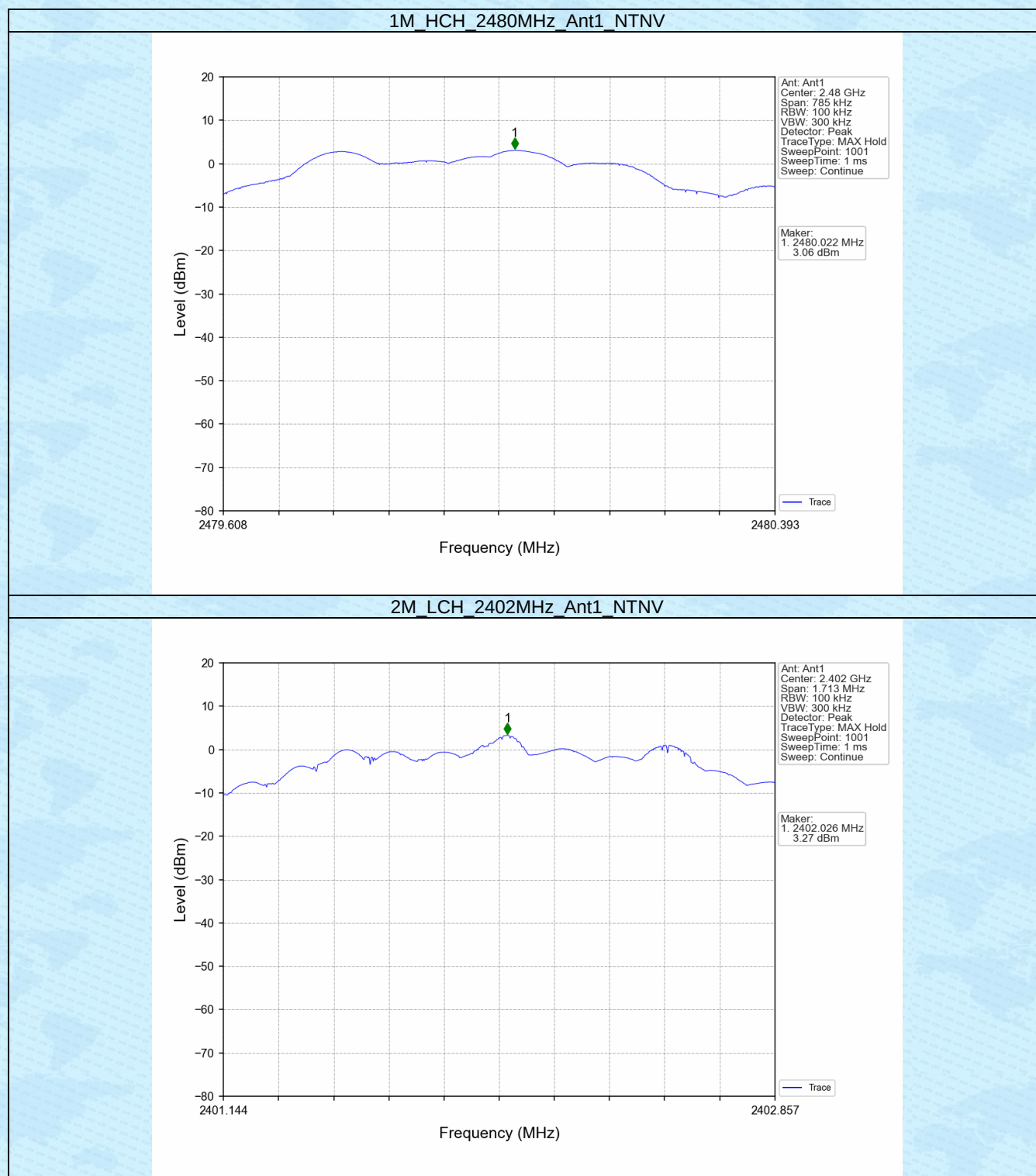
#### 5.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | 2.53                     |
|      |         | 2440            | 1   | 2.99                     |
|      |         | 2480            | 1   | 3.06                     |
| 2M   | SISO    | 2402            | 1   | 3.27                     |
|      |         | 2440            | 1   | 3.67                     |
|      |         | 2480            | 1   | 3.44                     |

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.

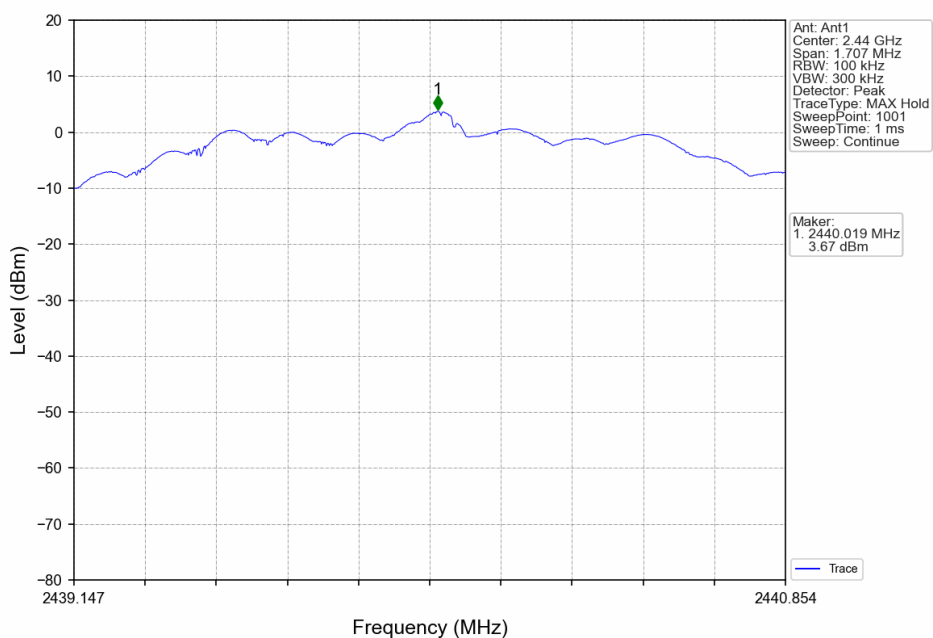
## 5.1.2 Test Graph



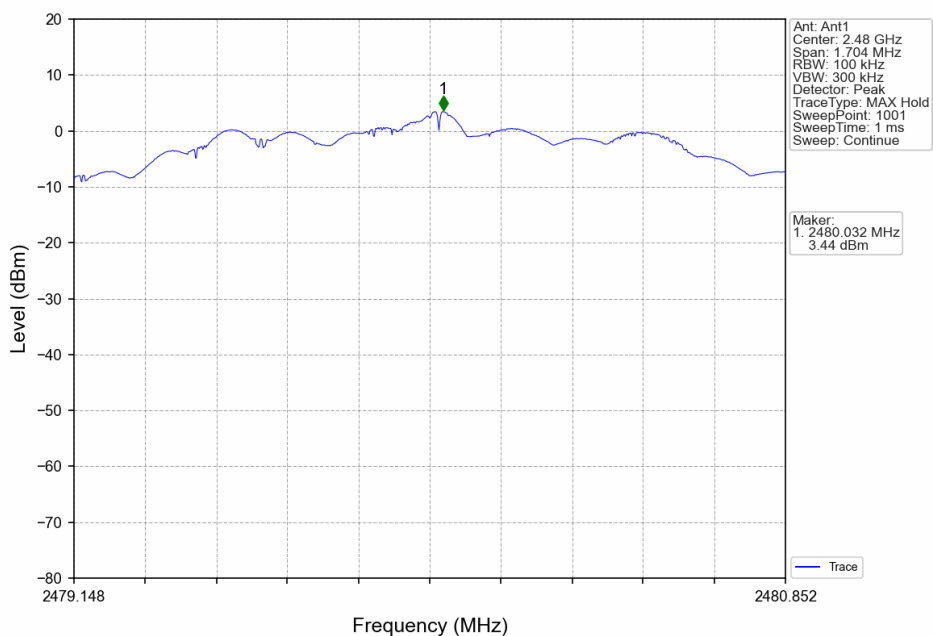




2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

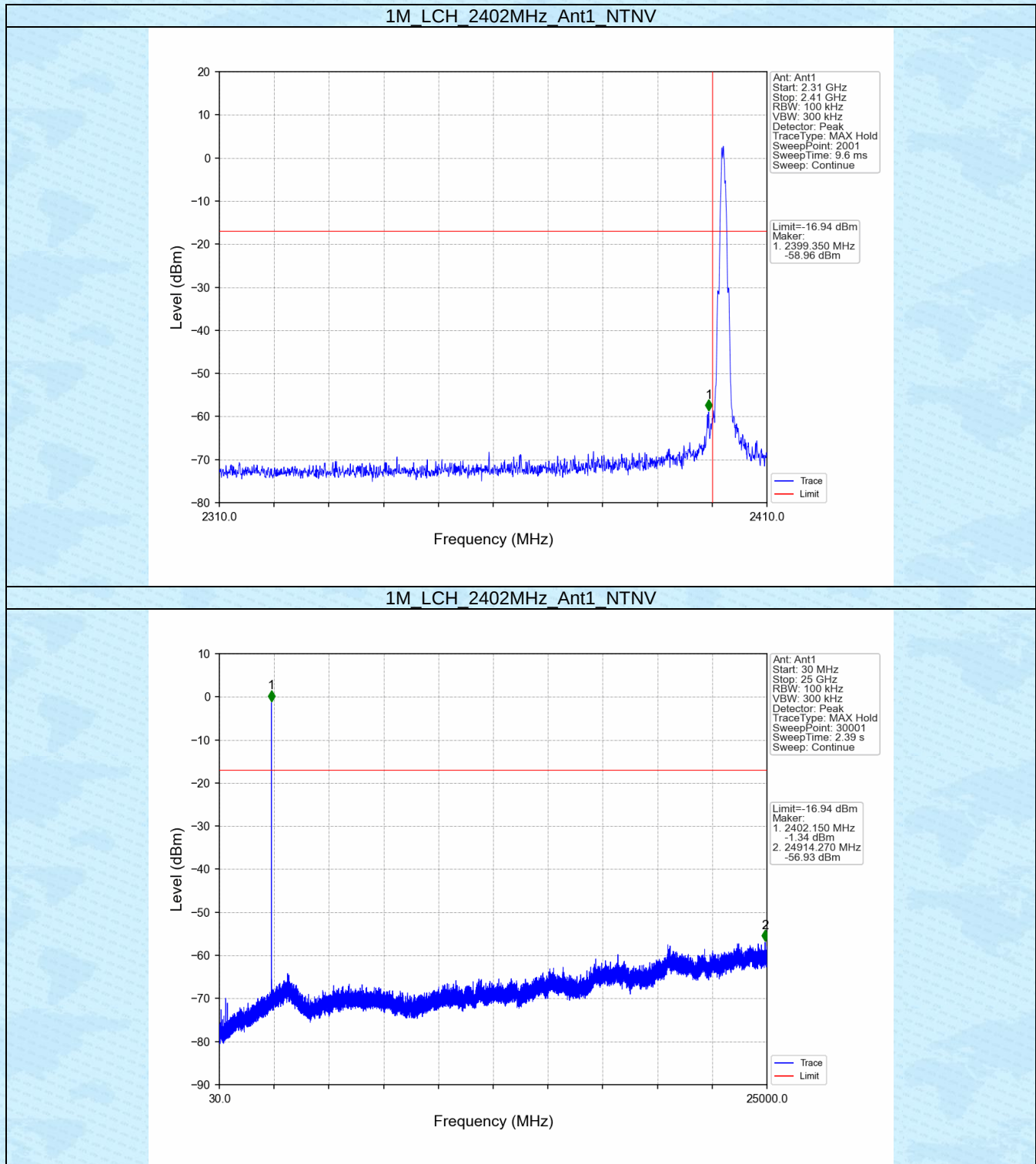


## 5.2 CSE

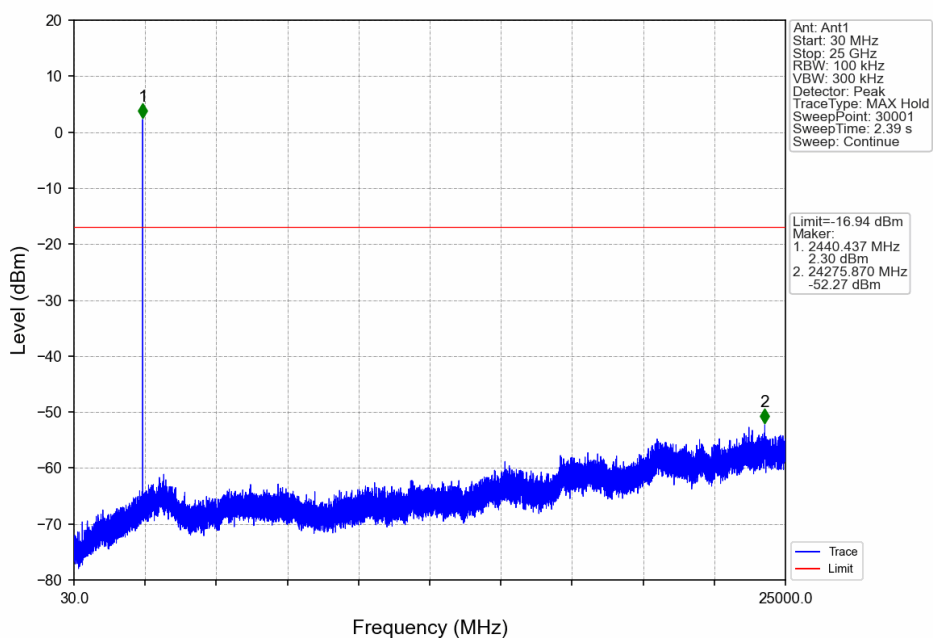
### 5.2.1 Test Result

| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M                                                                                                                                              | SISO    | 2402            | 1   | 3.06                     | -16.94      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | 3.06                     | -16.94      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | 3.06                     | -16.94      | Pass    |
| 2M                                                                                                                                              | SISO    | 2402            | 1   | 3.67                     | -16.33      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | 3.67                     | -16.33      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | 3.67                     | -16.33      | 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. |         |                 |     |                          |             |         |

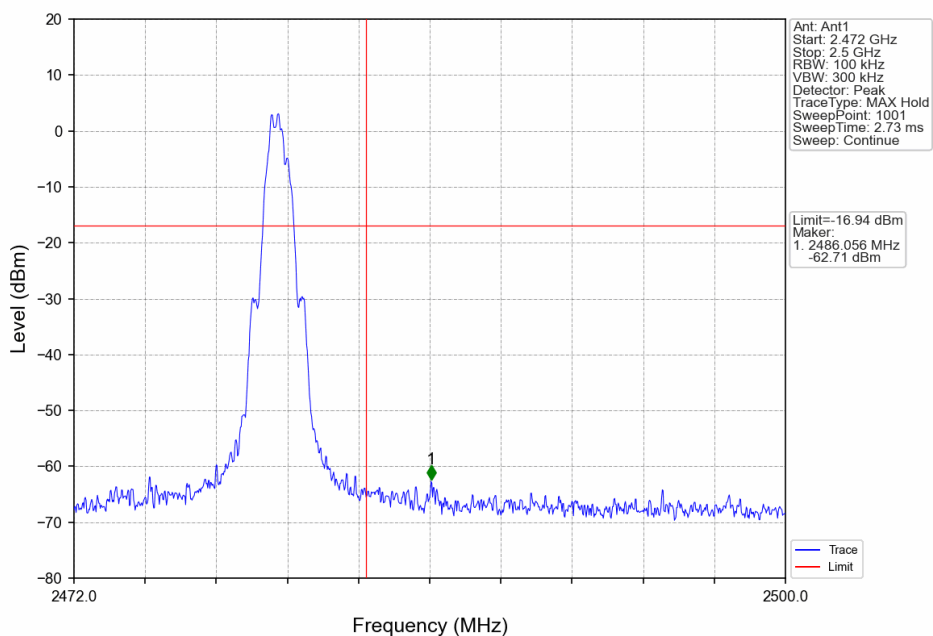
## 5.2.2 Test Graph



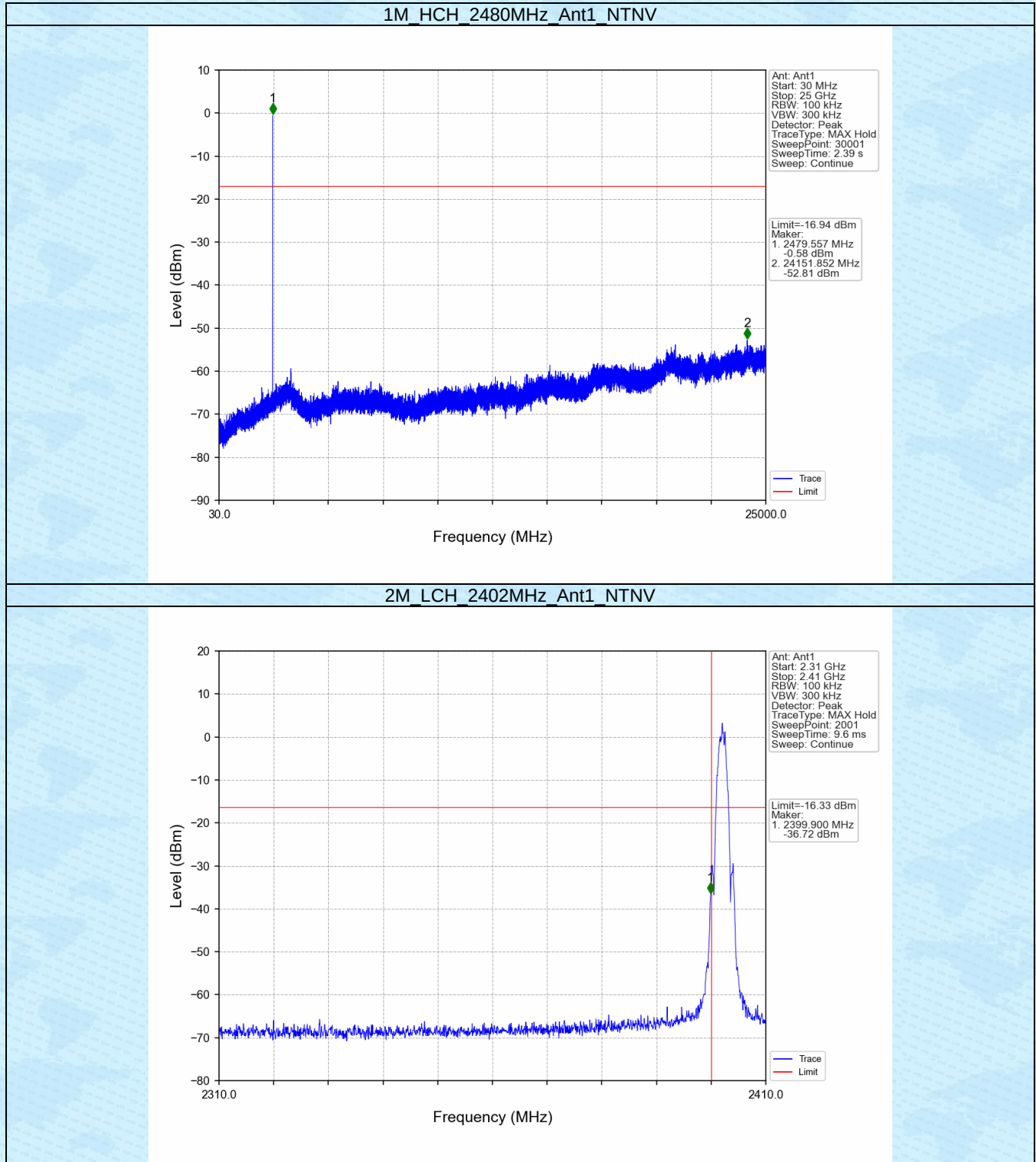
1M\_MCH\_2440MHz\_Ant1\_NTNV



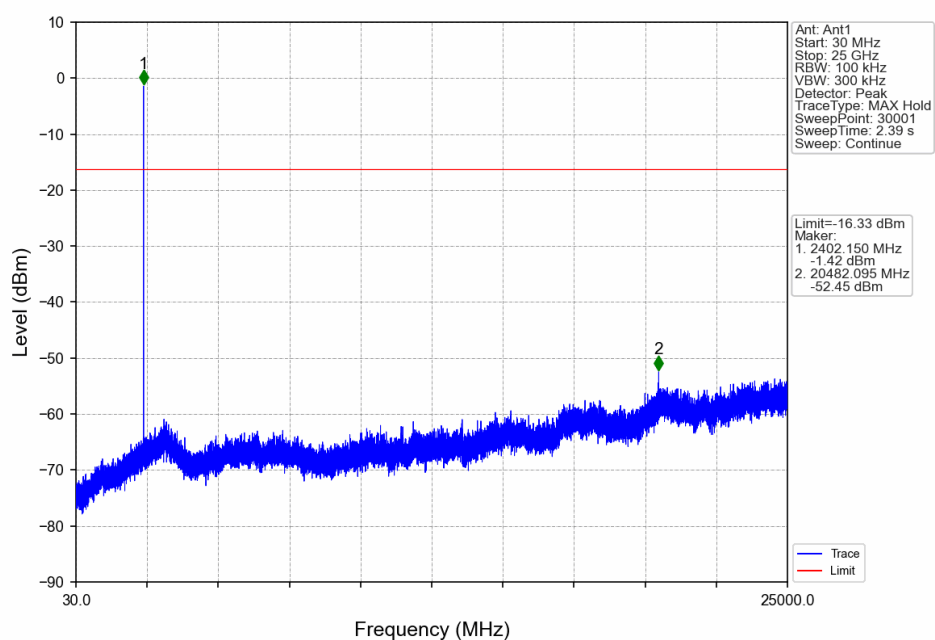
1M\_HCH\_2480MHz\_Ant1\_NTNV



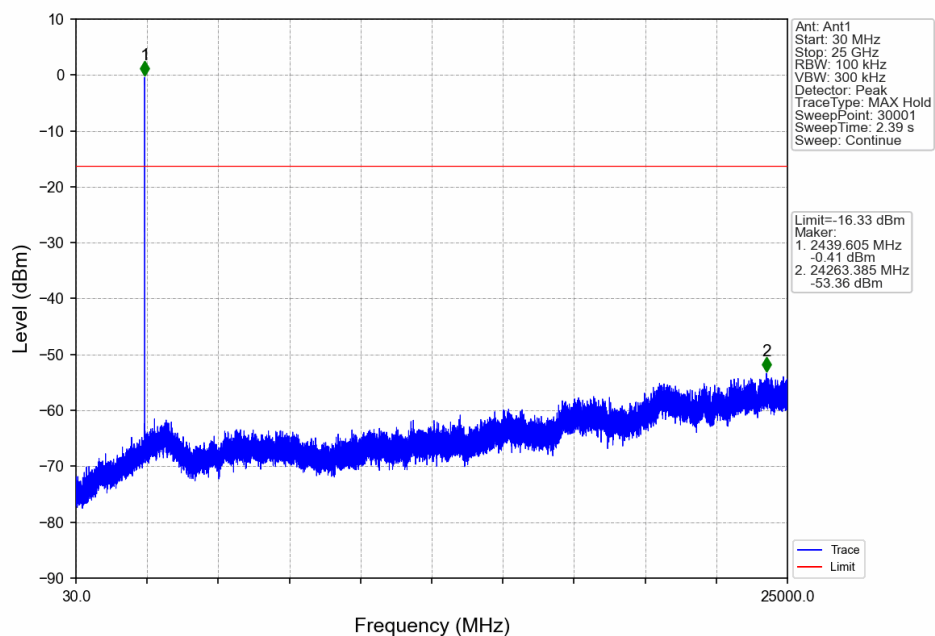


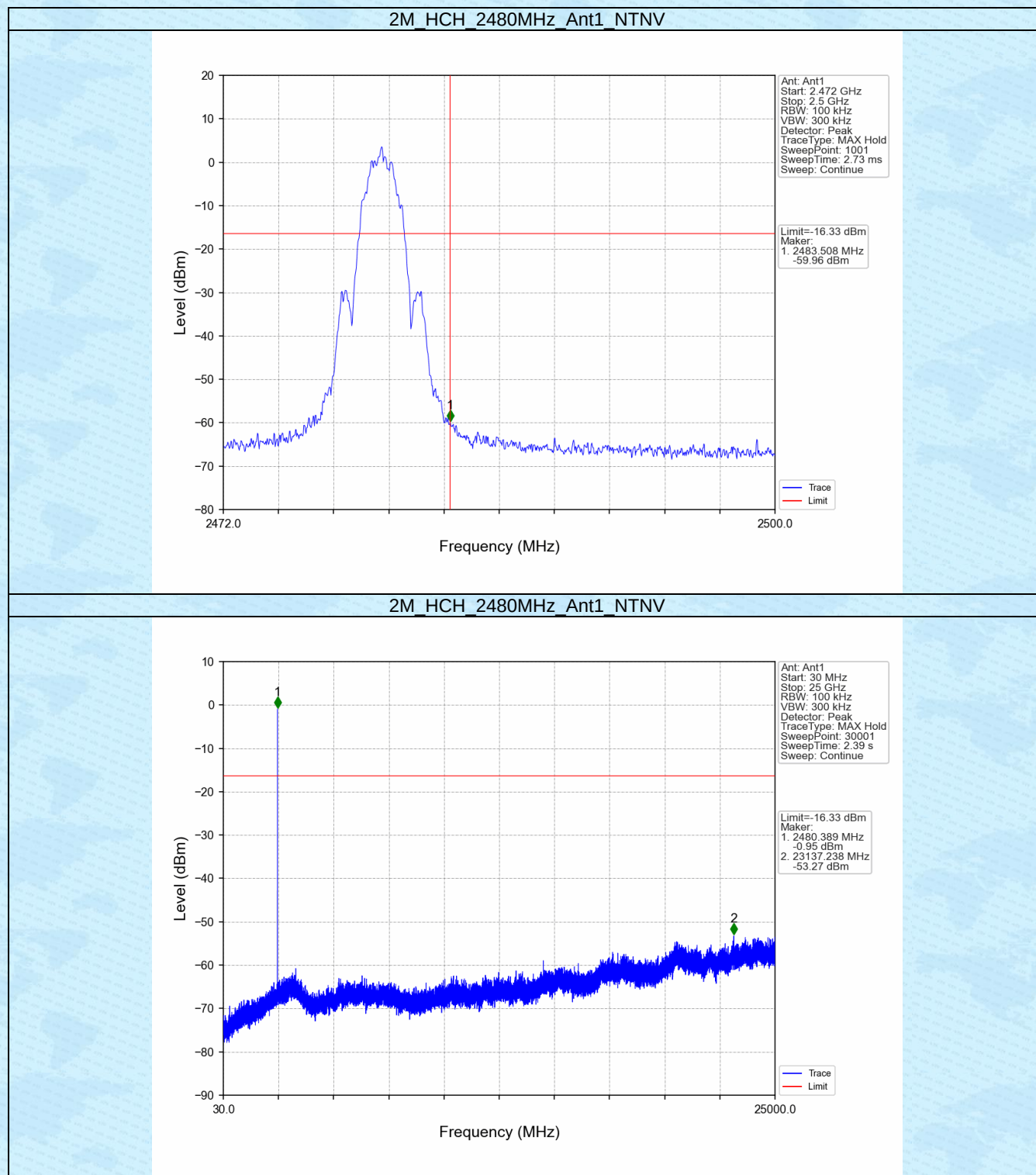


2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV





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