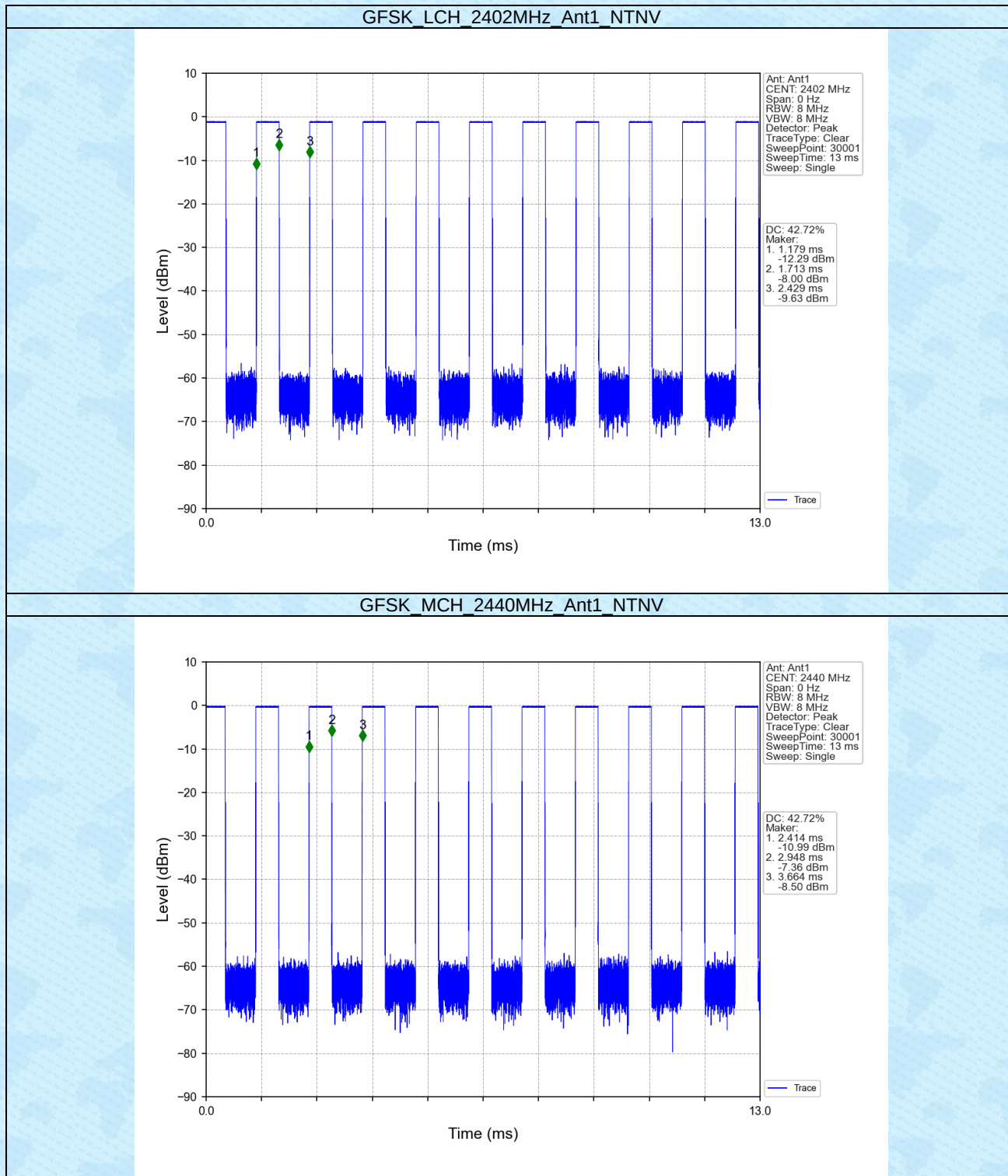


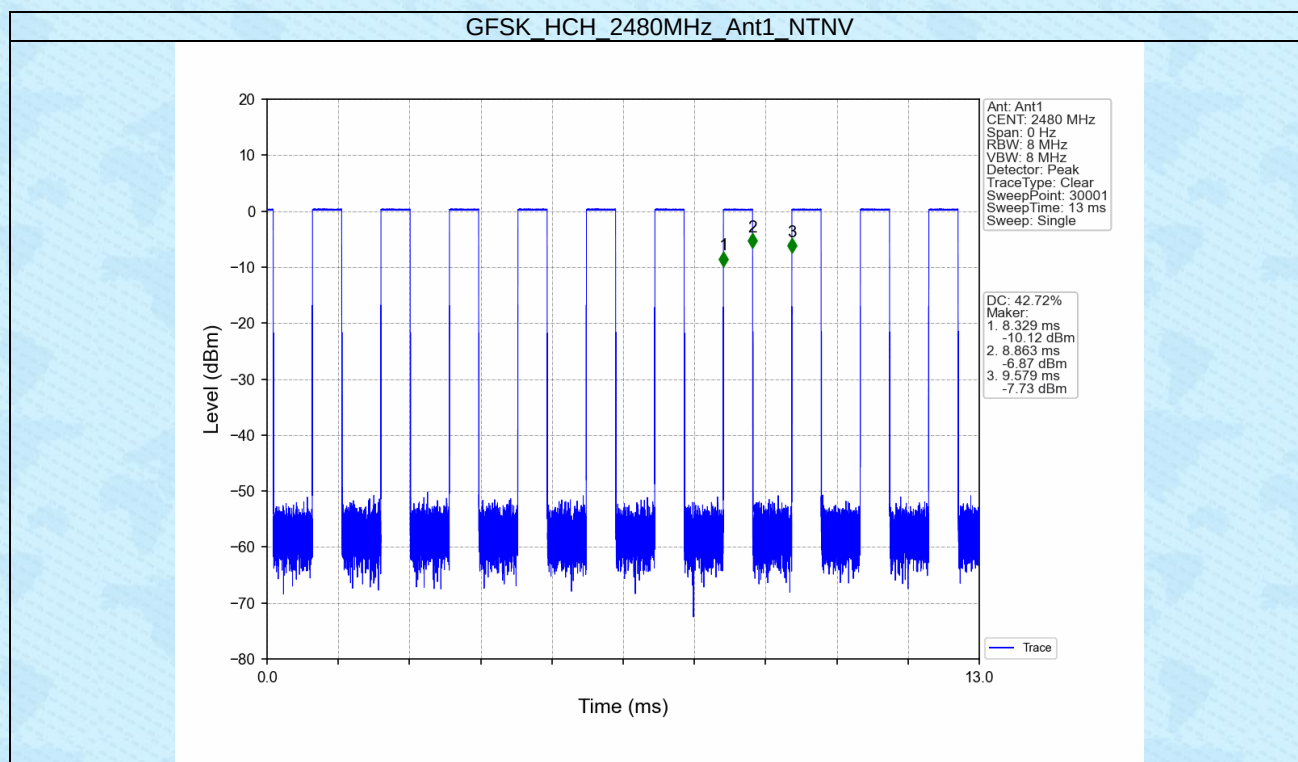
## 1. Duty Cycle

### 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 (%) |
| GFSK | SISO    | 2402            | 0.534     | 1.250       | 42.72          | 3.69                              | 0.03                  |
|      |         | 2440            | 0.534     | 1.250       | 42.72          | 3.69                              | 0.03                  |
|      |         | 2480            | 0.534     | 1.250       | 42.72          | 3.69                              | 0.03                  |

## 1.2 Test Graph





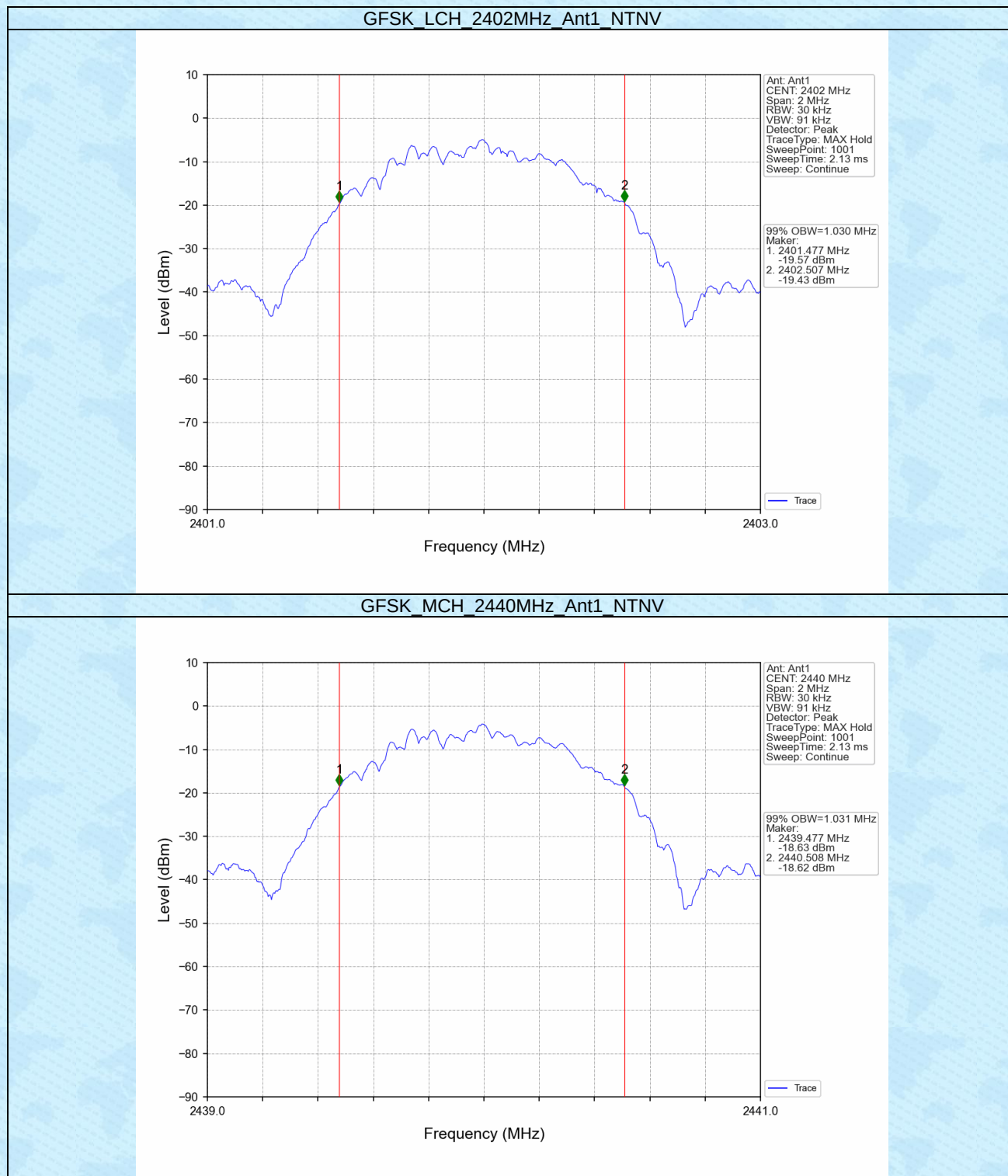
## 2. Bandwidth

### 2.1 OBW

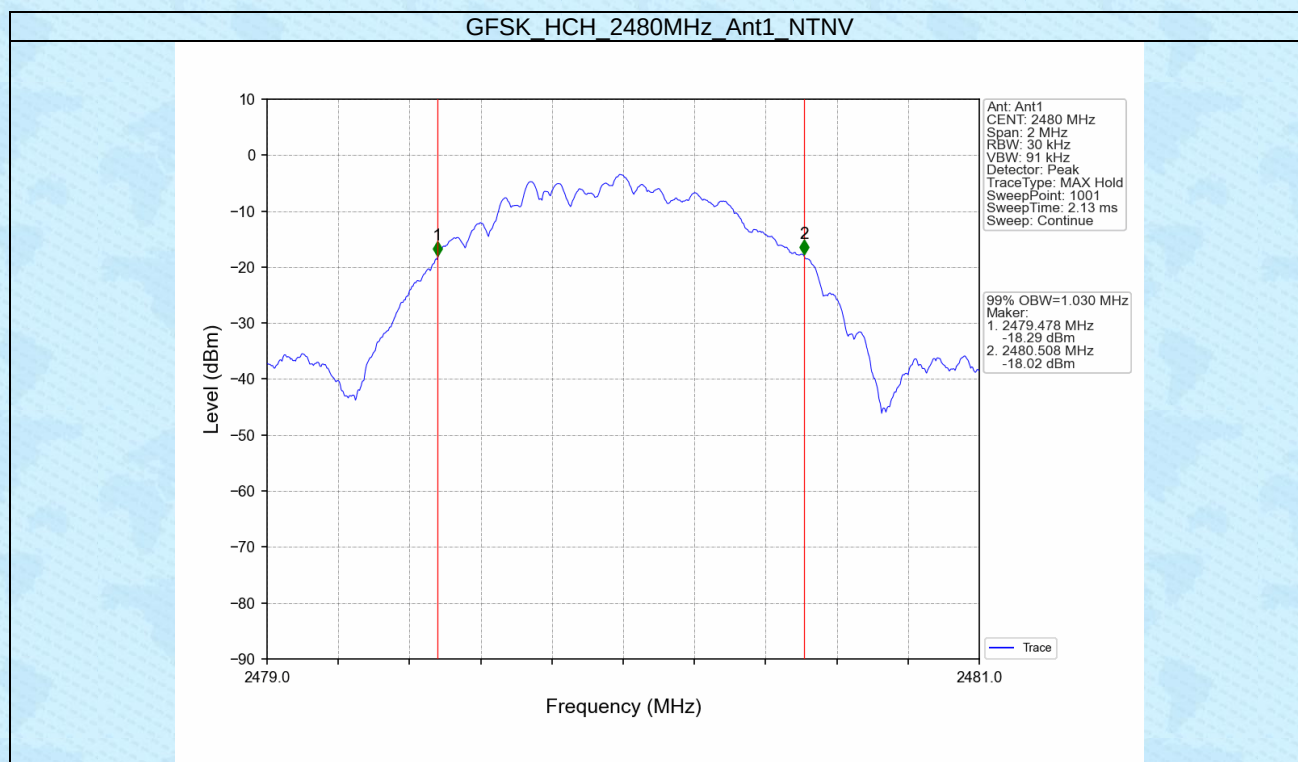
#### 2.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| GFSK | SISO    | 2402            | 1   | 1.030                        | /     | Pass    |
|      |         | 2440            | 1   | 1.031                        | /     | Pass    |
|      |         | 2480            | 1   | 1.030                        | /     | Pass    |

## 2.1.2 Test Graph





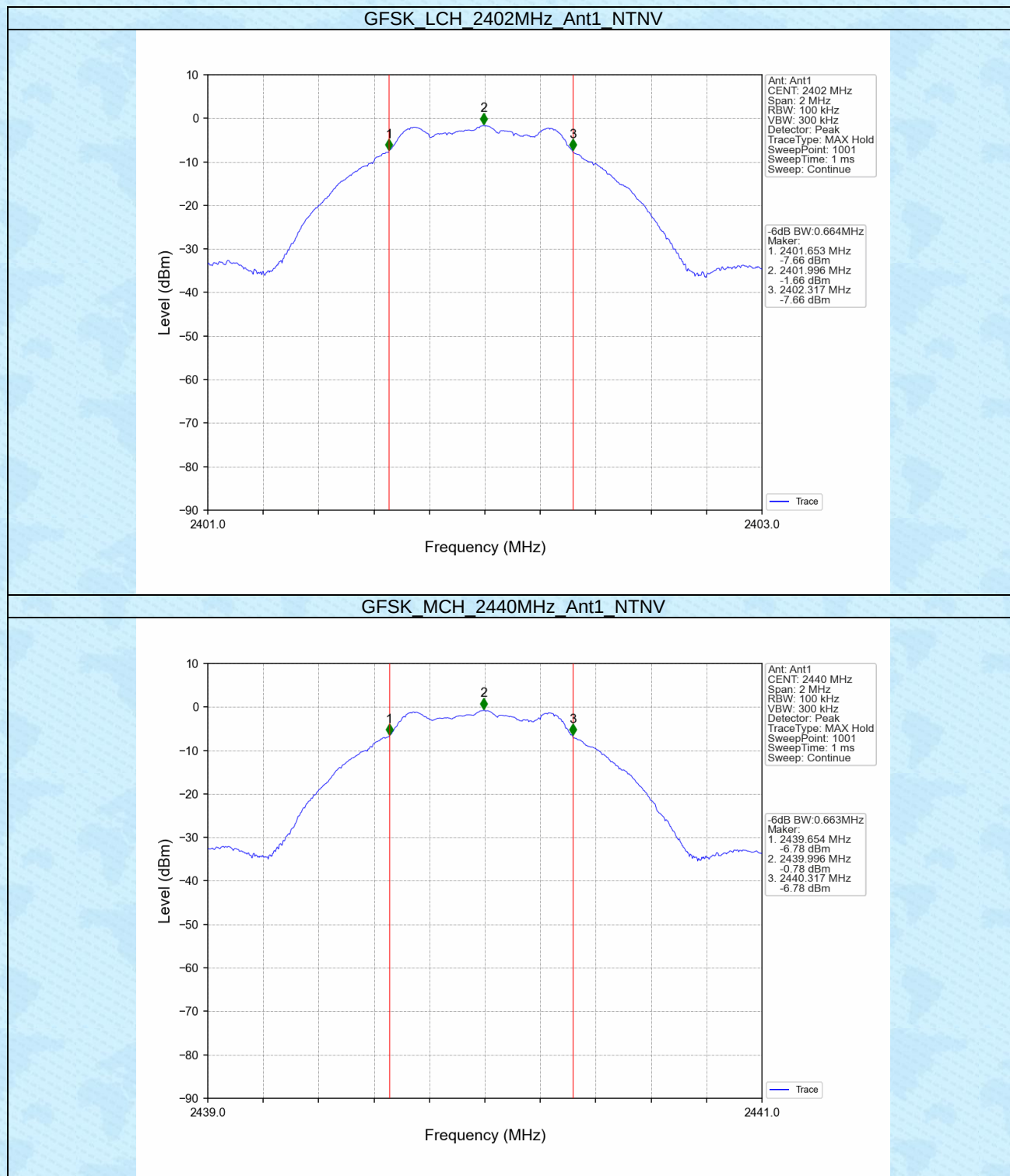


## 2.2 6dB BW

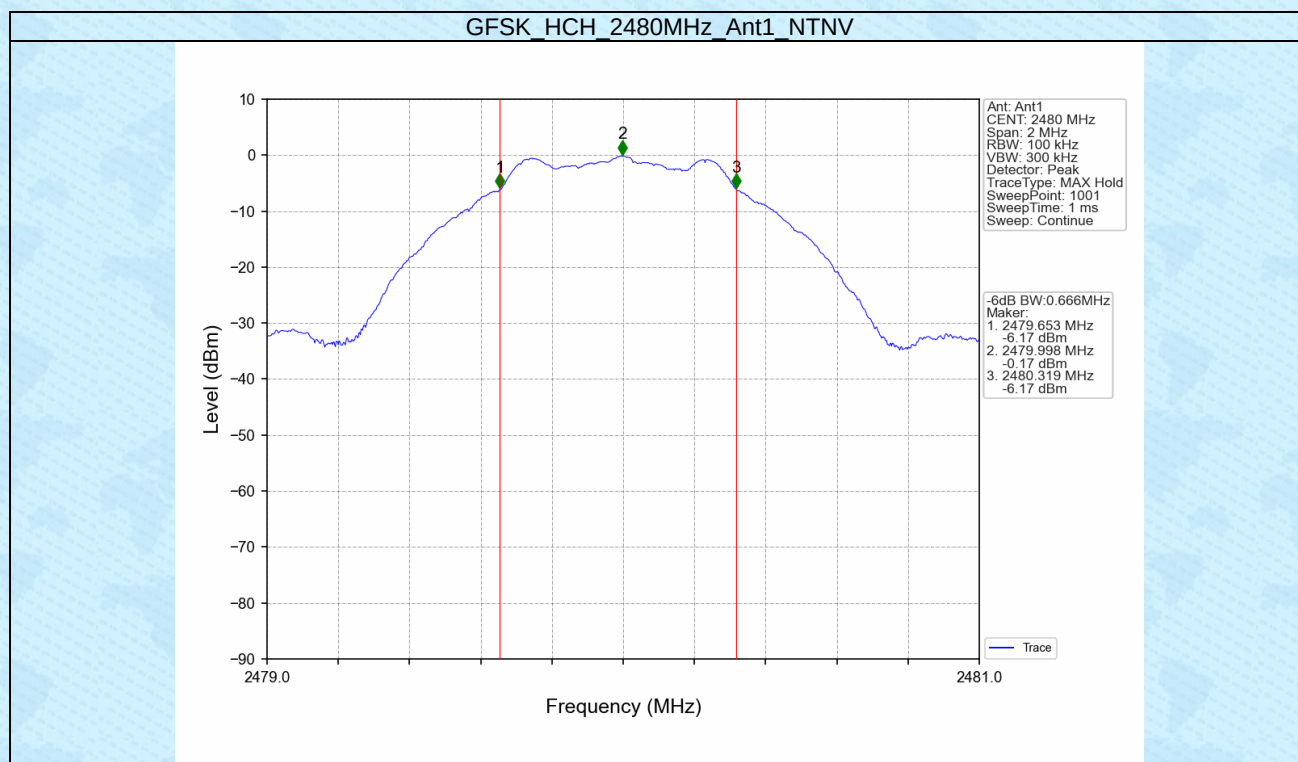
### 2.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| GFSK | SISO    | 2402            | 1   | 0.664               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.663               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.666               | $\geq 0.5$ | Pass    |

## 2.2.2 Test Graph







### 3. Maximum Conducted Output Power

#### 3.1 Test Result

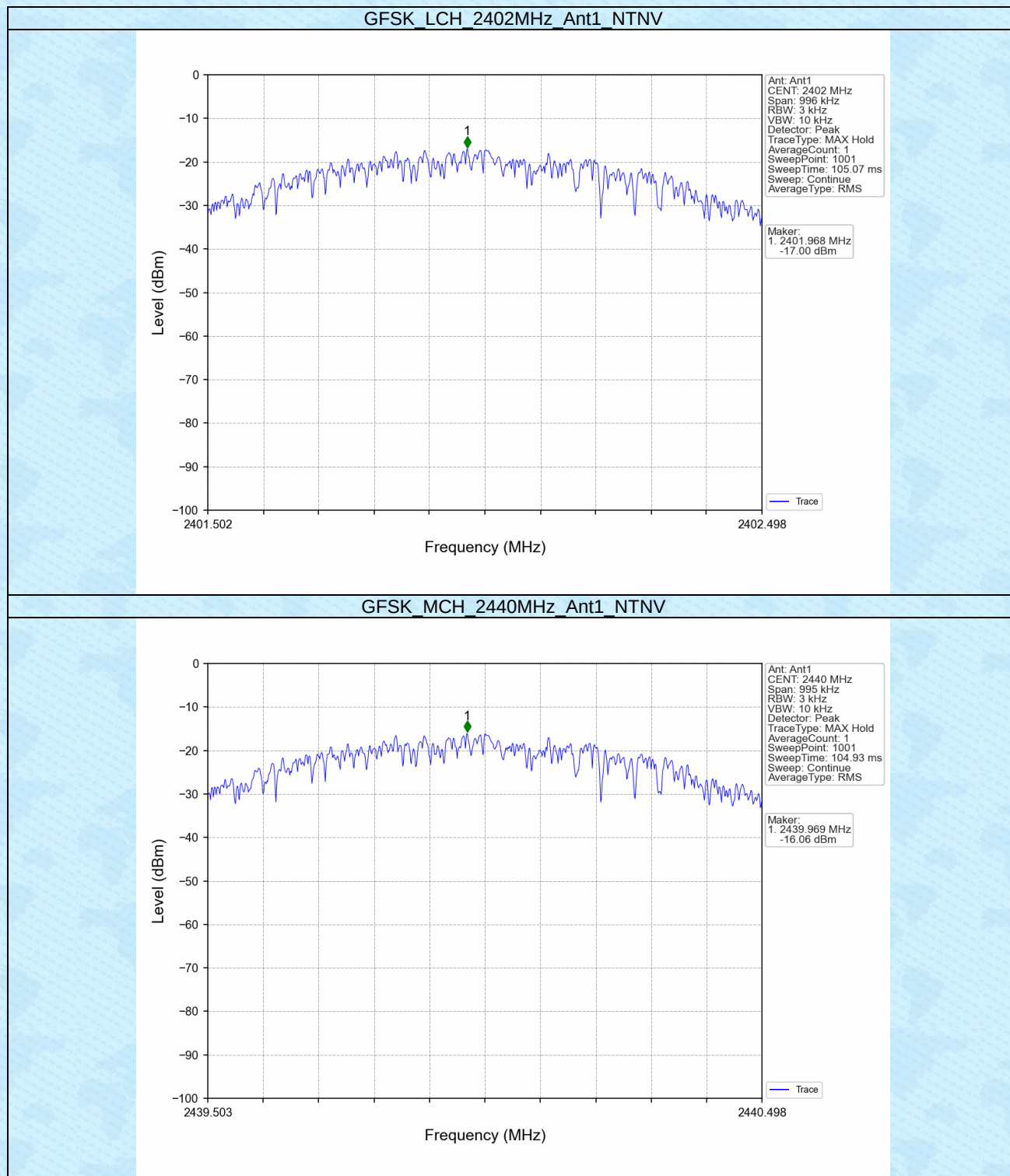
| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|------|---------|-----------------|-------------------------------------------|-------|---------|
|      |         |                 | ANT1                                      | Limit |         |
| GFSK | SISO    | 2402            | -1.13                                     | <=30  | Pass    |
|      |         | 2440            | -0.96                                     | <=30  | Pass    |
|      |         | 2480            | -0.83                                     | <=30  | Pass    |

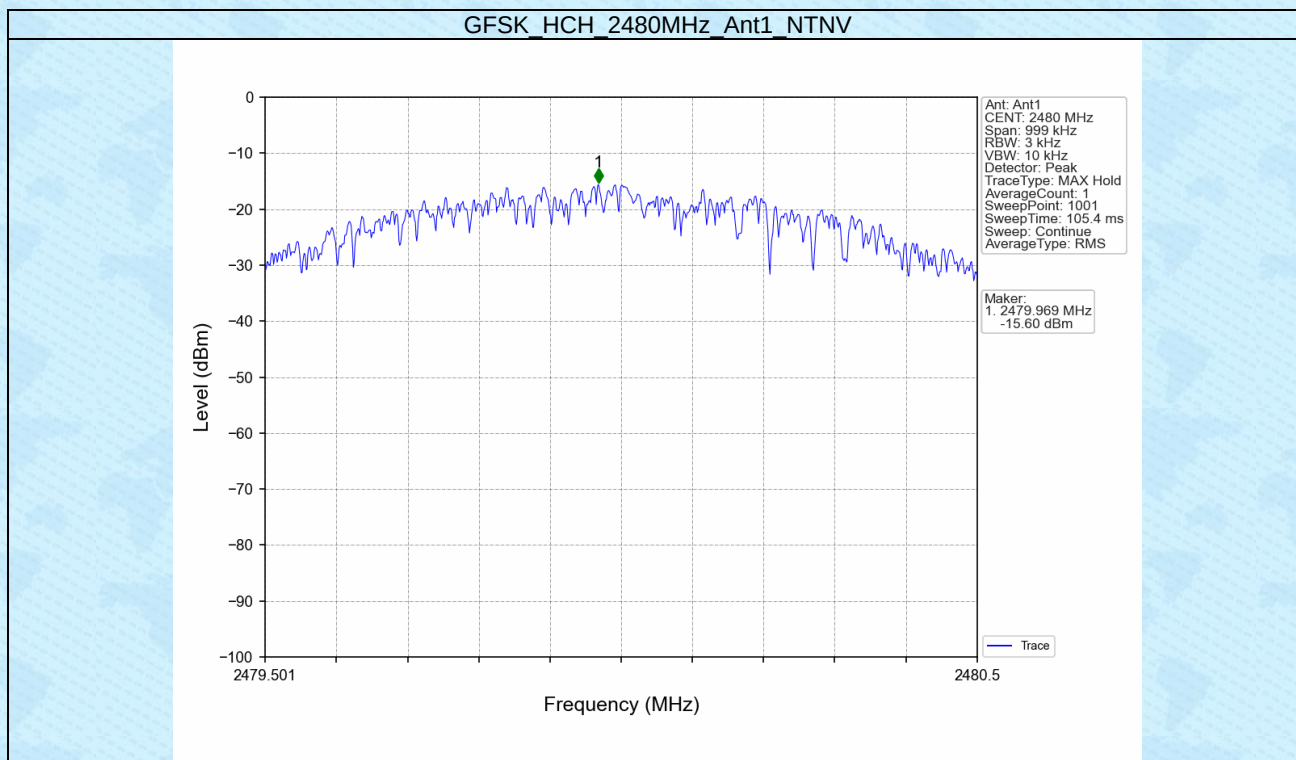
## 4. Maximum Power Spectral Density

### 4.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |          | Verdict |
|------|---------|-----------------|------------------------|----------|---------|
|      |         |                 | ANT1                   | Limit    |         |
| GFSK | SISO    | 2402            | -17.00                 | $\leq 8$ | Pass    |
|      |         | 2440            | -16.06                 | $\leq 8$ | Pass    |
|      |         | 2480            | -15.60                 | $\leq 8$ | Pass    |

## 4.2 Test Graph







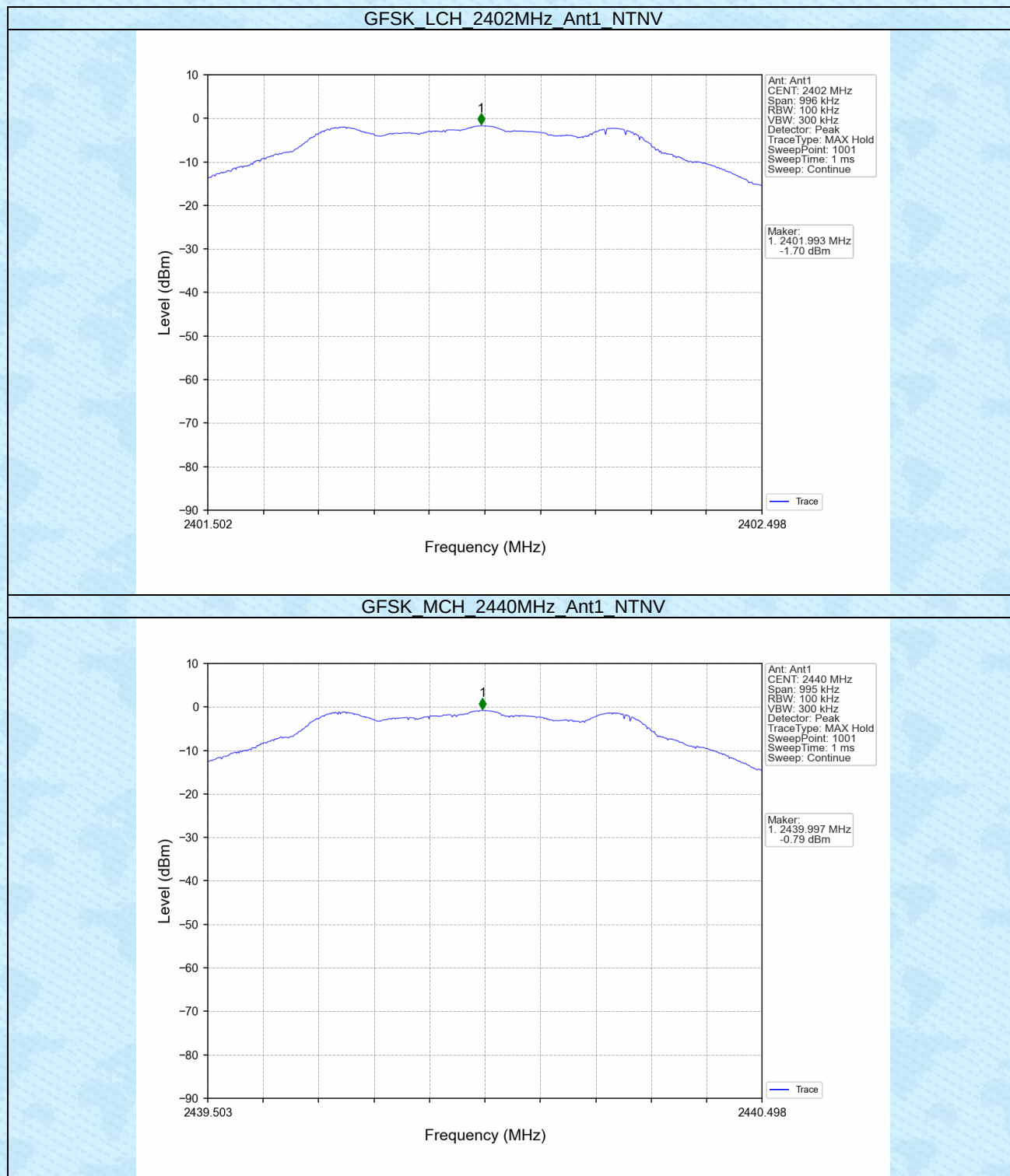
## 5. Unwanted Emissions In Non-restricted Frequency Bands

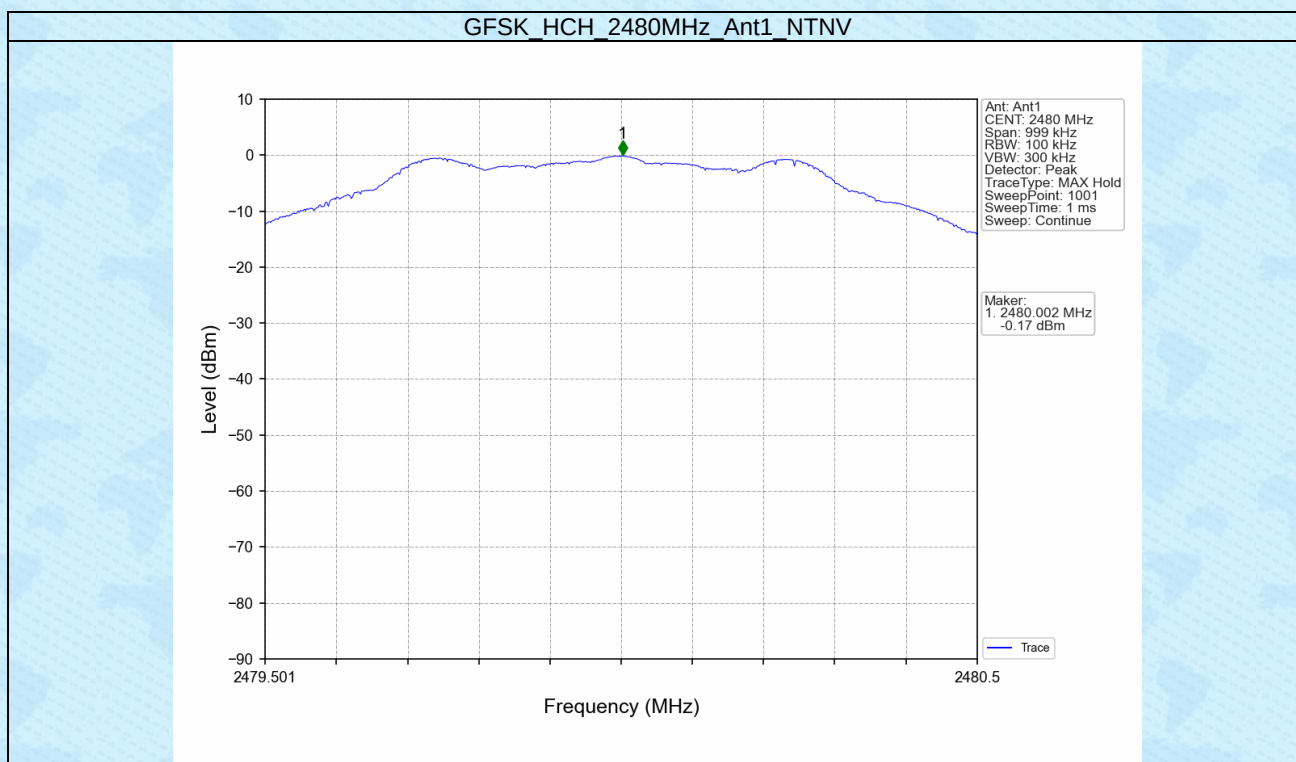
### 5.1 Ref

#### 5.1.1 Test Result

| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|
| GFSK                                                                                                                                            | SISO    | 2402            | 1   | -1.70                    |
|                                                                                                                                                 |         | 2440            | 1   | -0.79                    |
|                                                                                                                                                 |         | 2480            | 1   | -0.17                    |
| 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





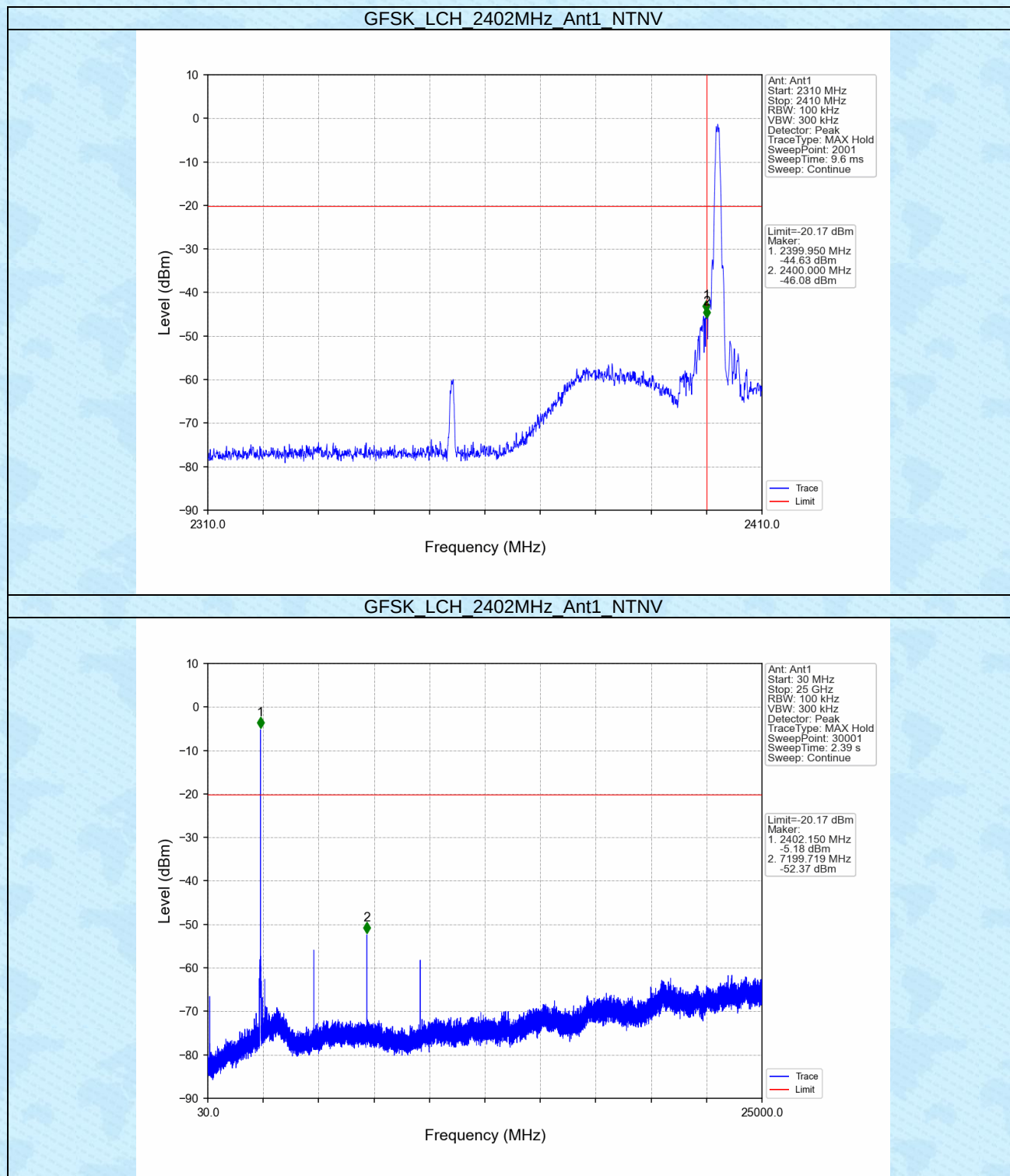
## 5.2 CSE

### 5.2.1 Test Result

| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|-------------|---------|
| GFSK                                                                                                                                            | SISO    | 2402            | 1   | -0.17                    | -20.17      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | -0.17                    | -20.17      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | -0.17                    | -20.17      | 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. |         |                 |     |                          |             |         |

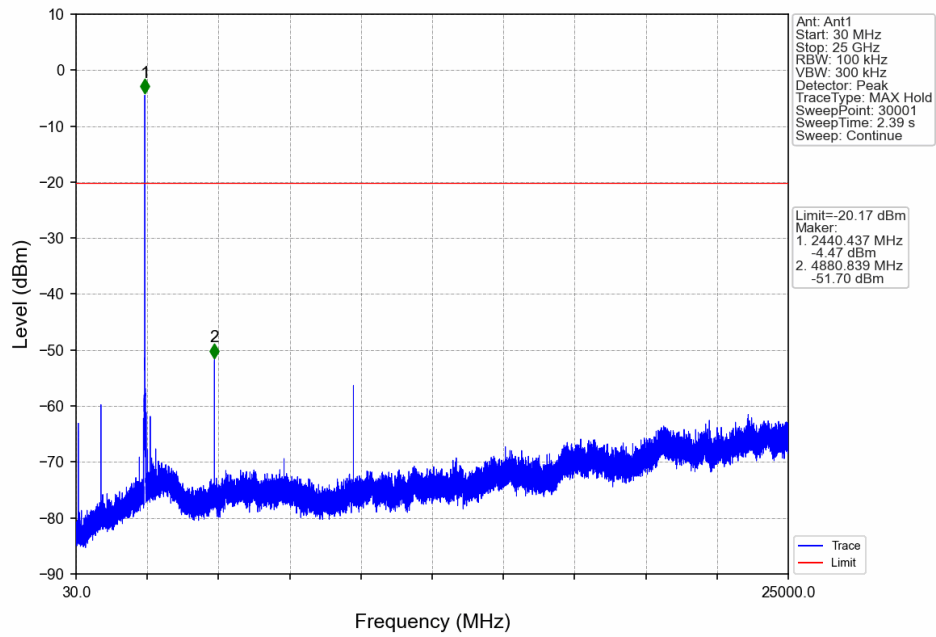


## 5.2.2 Test Graph

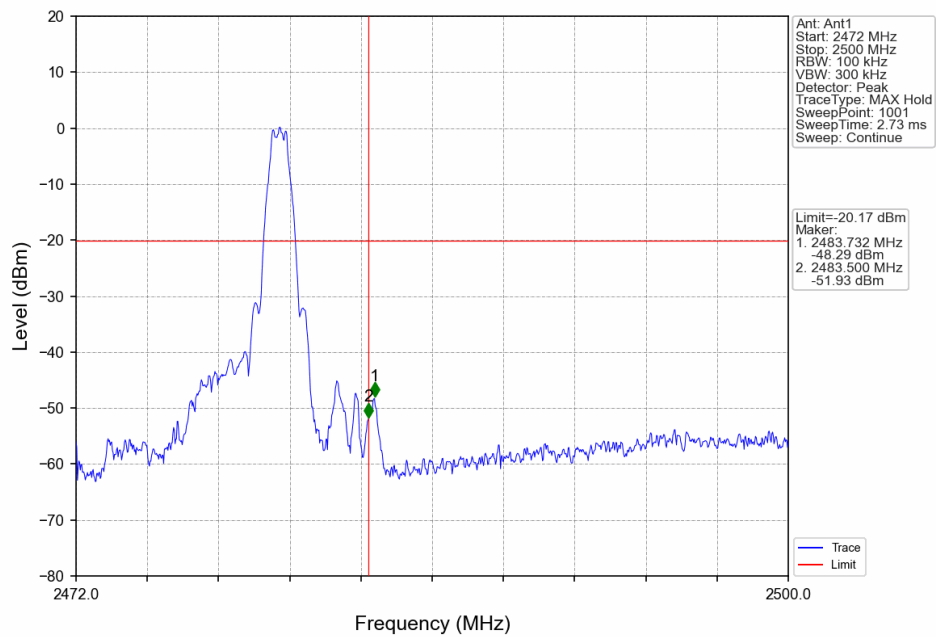


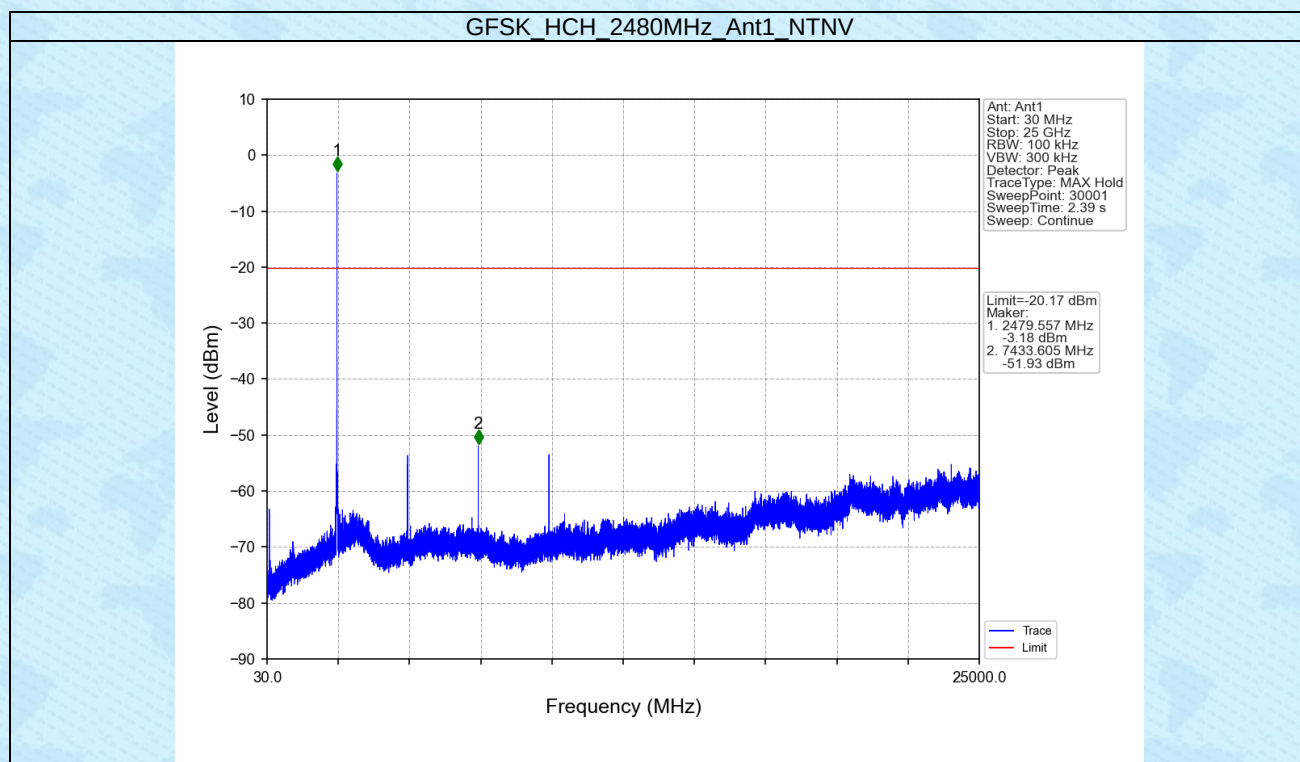


## GFSK\_MCH\_2440MHz\_Ant1\_NTNV



## GFSK\_HCH\_2480MHz\_Ant1\_NTNV





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