

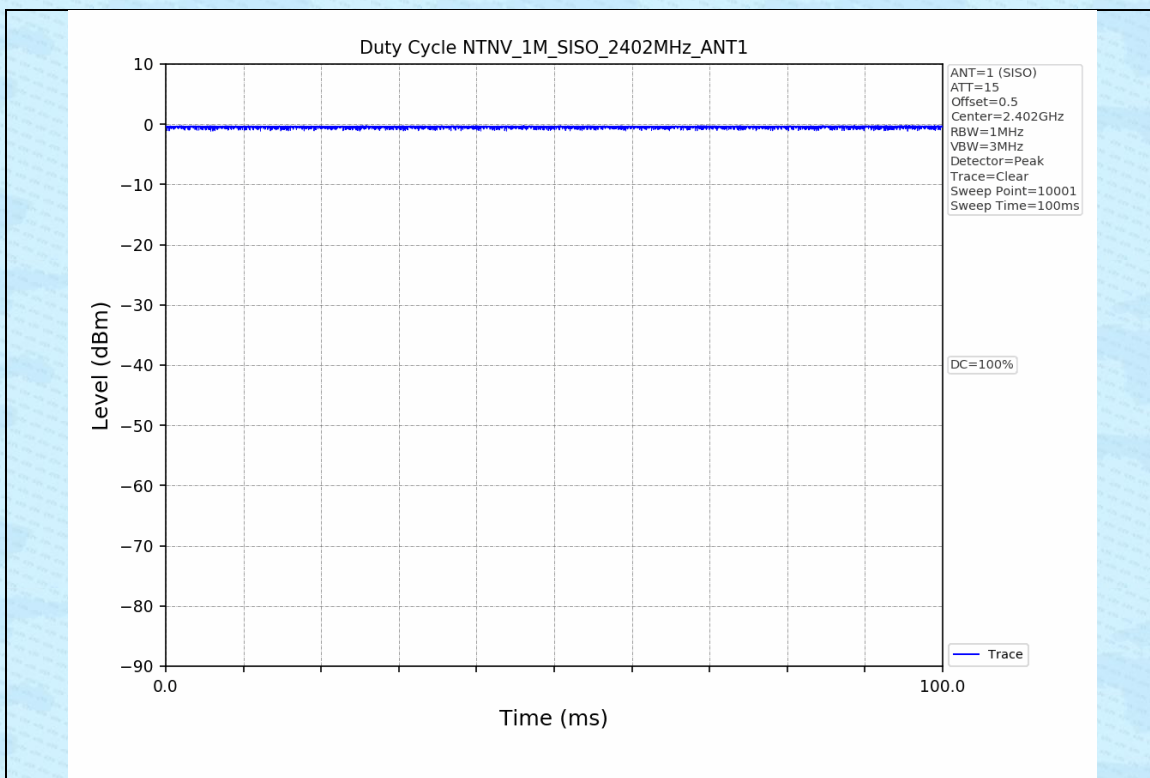
## Appendix for 15.247

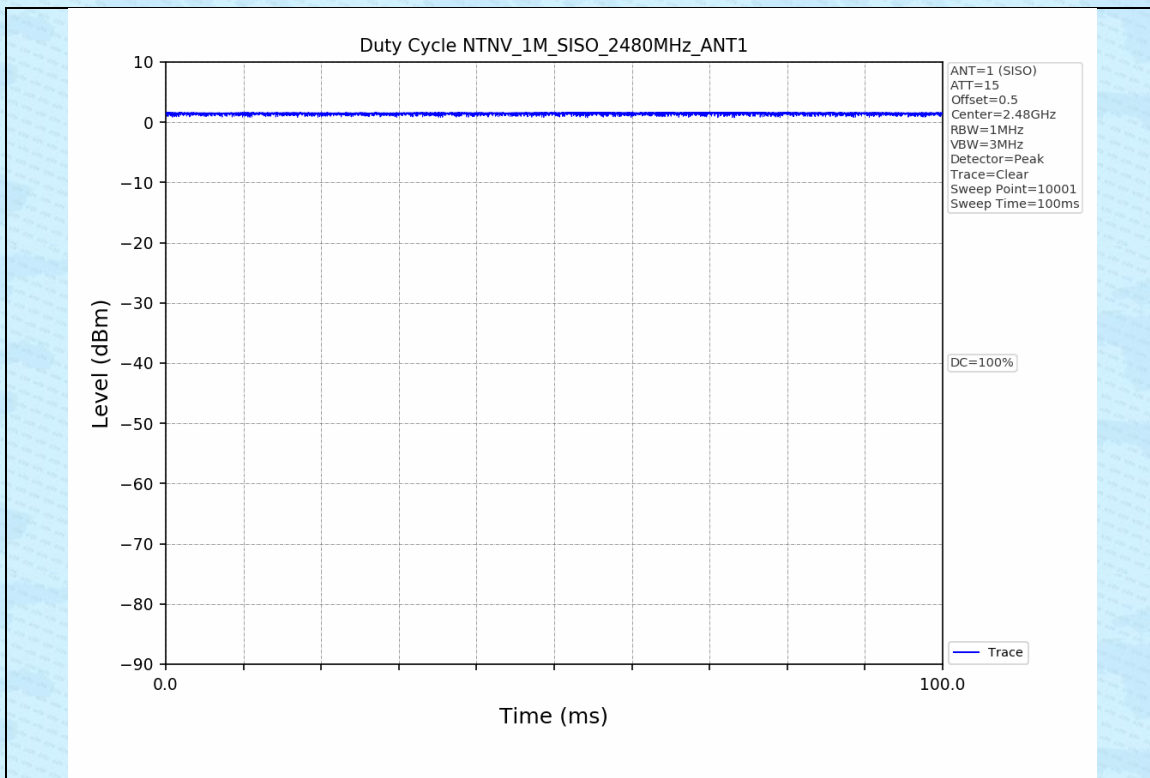
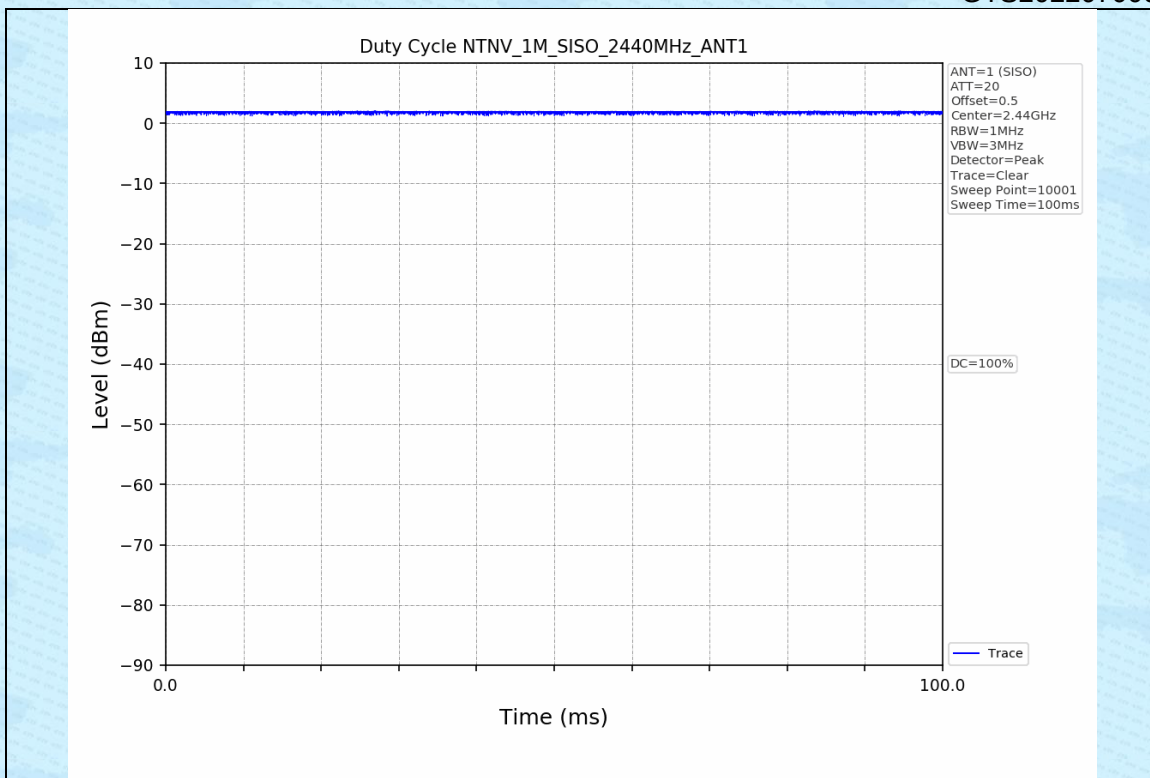
### 1. Duty Cycle

#### 1.1 Test Result

| Test Mode | Channel Frequency(MHz) | TX Type | ANT No. | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) |
|-----------|------------------------|---------|---------|-----------|-------------|----------------|-----------------------------------|
| GFSK      | 2402                   | SISO    | 1       | 100.000   | 100.000     | 100.00         | 0.00                              |
|           | 2440                   | SISO    | 1       | 100.000   | 100.000     | 100.00         | 0.00                              |
|           | 2480                   | SISO    | 1       | 100.000   | 100.000     | 100.00         | 0.00                              |

#### 1.2 Test Graph





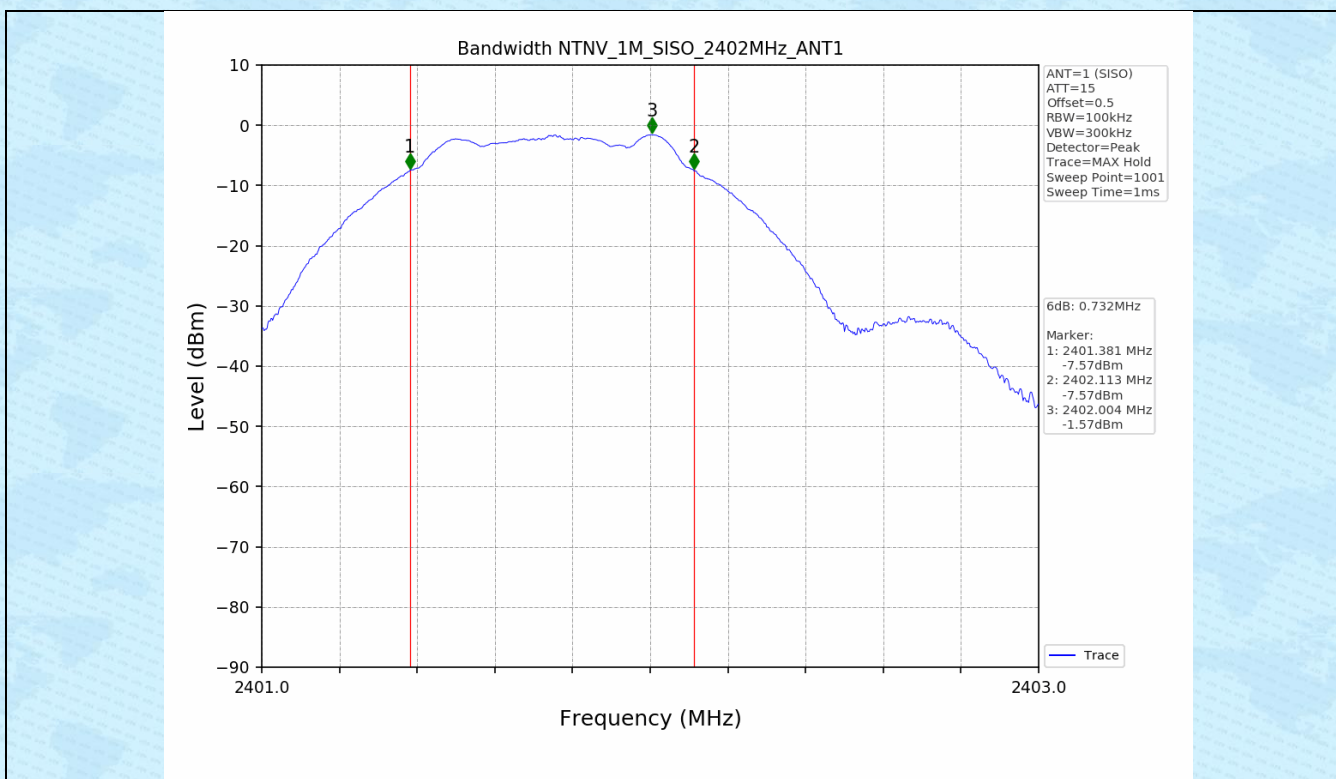
## 2. Bandwidth

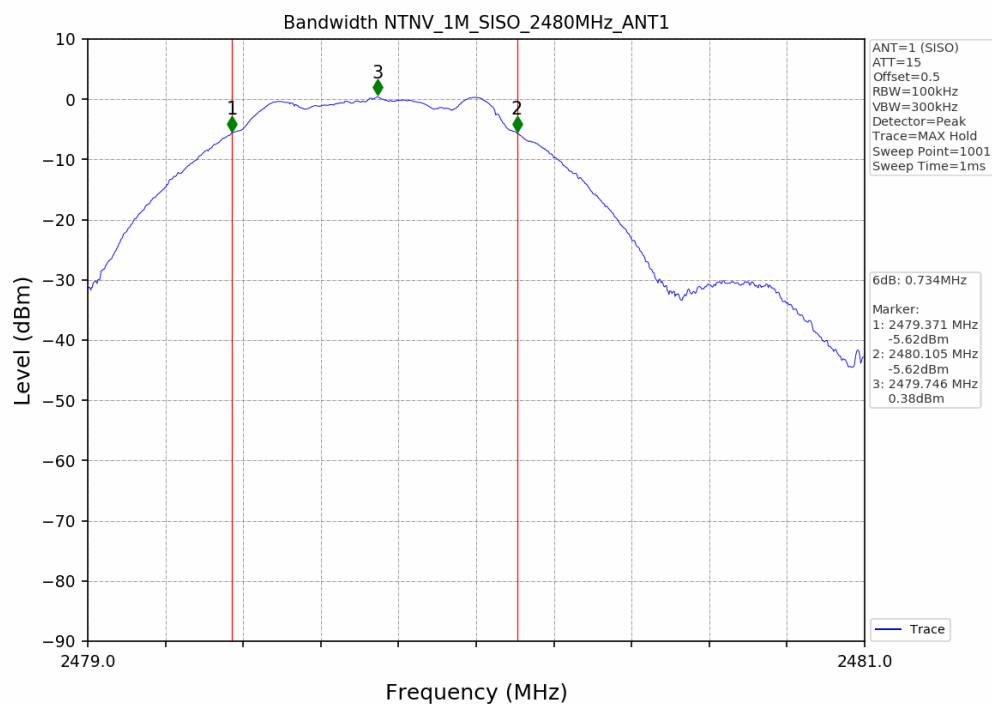
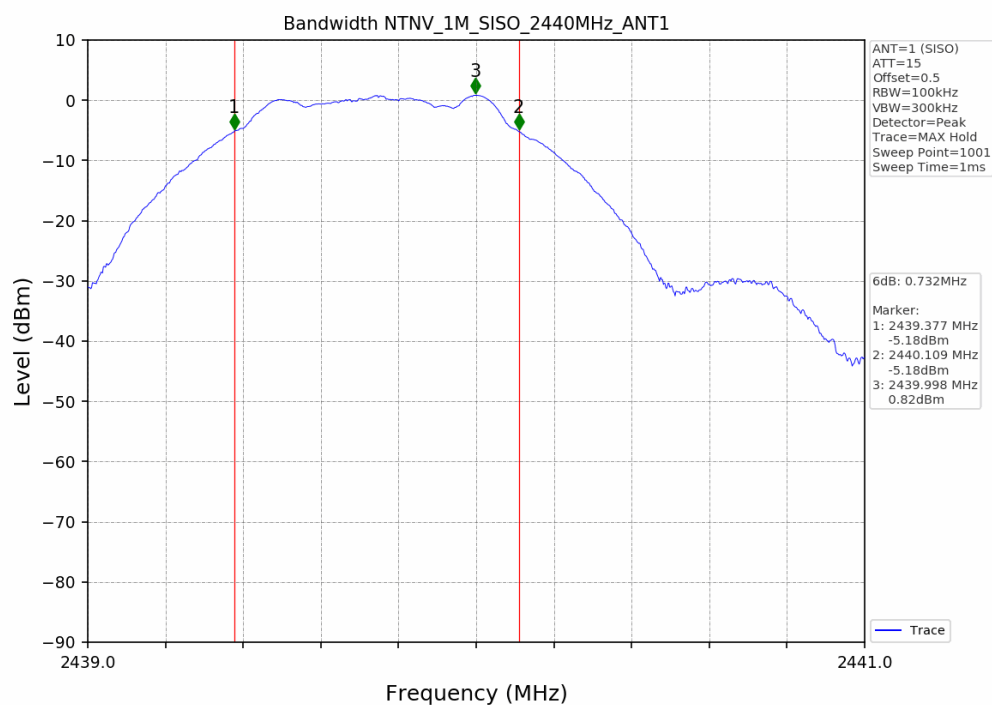
### 2.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth     |              | Verdict |
|-----------|-----------------|---------|---------|-------------------|--------------|---------|
|           |                 |         |         | Test Result (MHz) | Limits (MHz) |         |
| GFSK      | 2402            | SISO    | 1       | 0.732             | $\geq 0.5$   | PASS    |
|           | 2440            | SISO    | 1       | 0.732             | $\geq 0.5$   | PASS    |
|           | 2480            | SISO    | 1       | 0.734             | $\geq 0.5$   | PASS    |

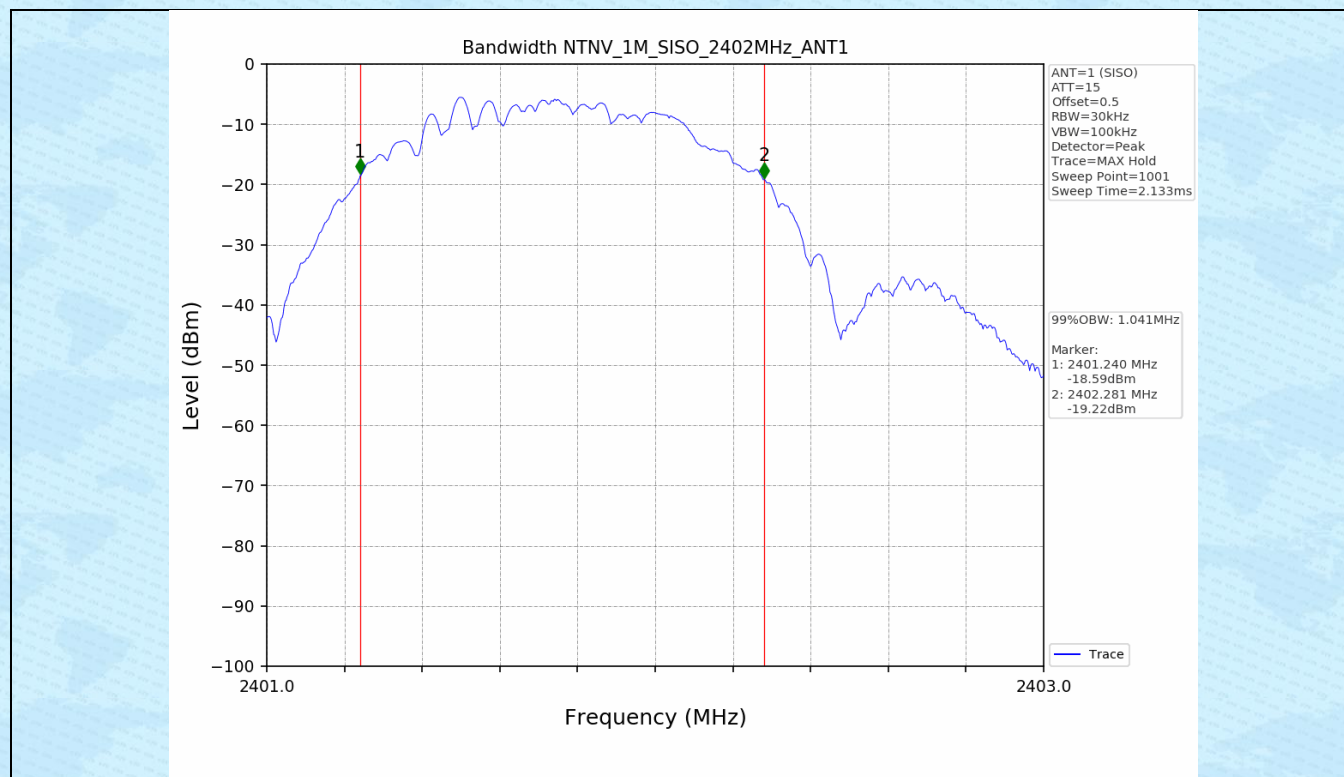
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|-----------|-----------------|---------|---------|------------------------|---------------------|
|           |                 |         |         | Test Result (MHz)      |                     |
| GFSK      | 2402            | SISO    | 1       | 1.041                  | Only for Report Use |
|           | 2440            | SISO    | 1       | 1.041                  | Only for Report Use |
|           | 2480            | SISO    | 1       | 1.041                  | Only for Report Use |

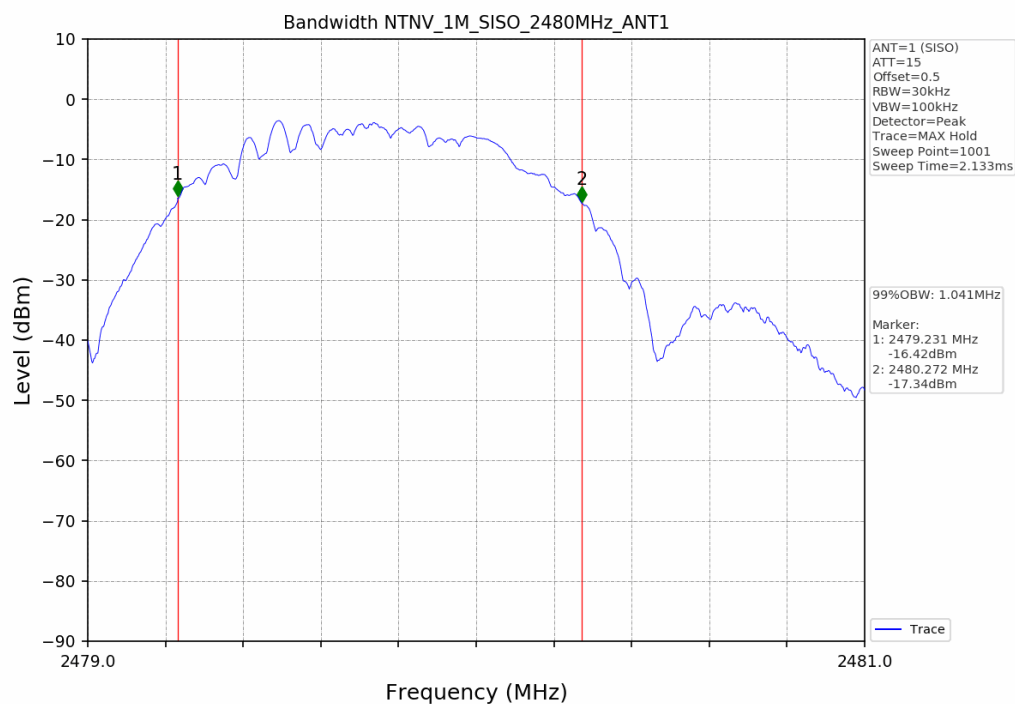
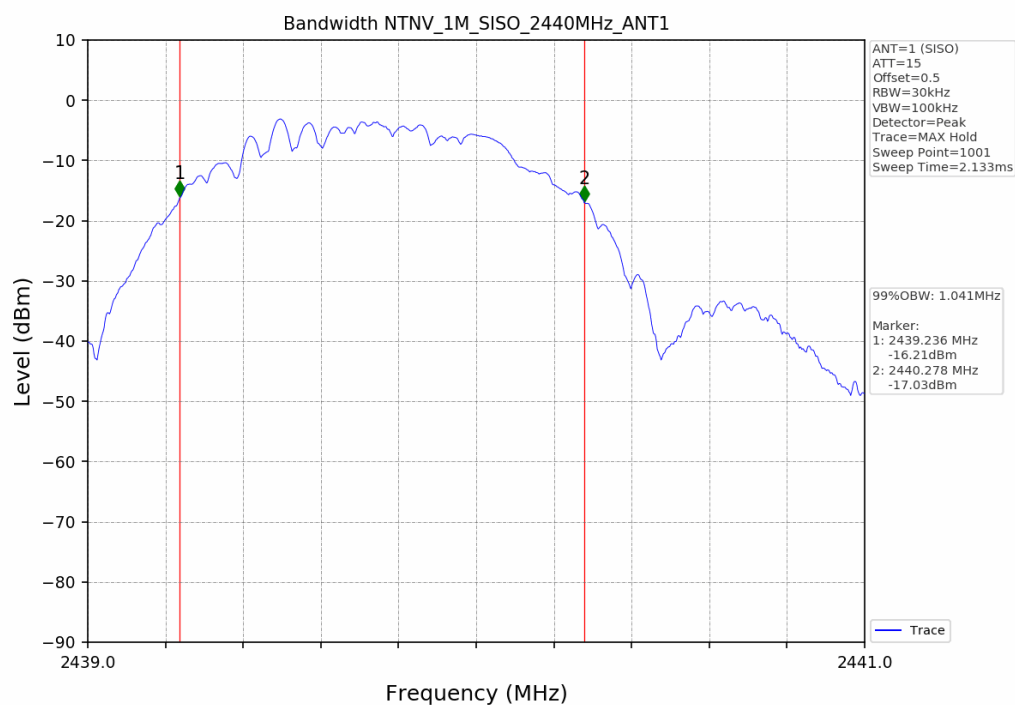
### 2.2 Test Graph - 6dB Bandwidth





## 2.3 Test Graph - 99% Occupied Bandwidth



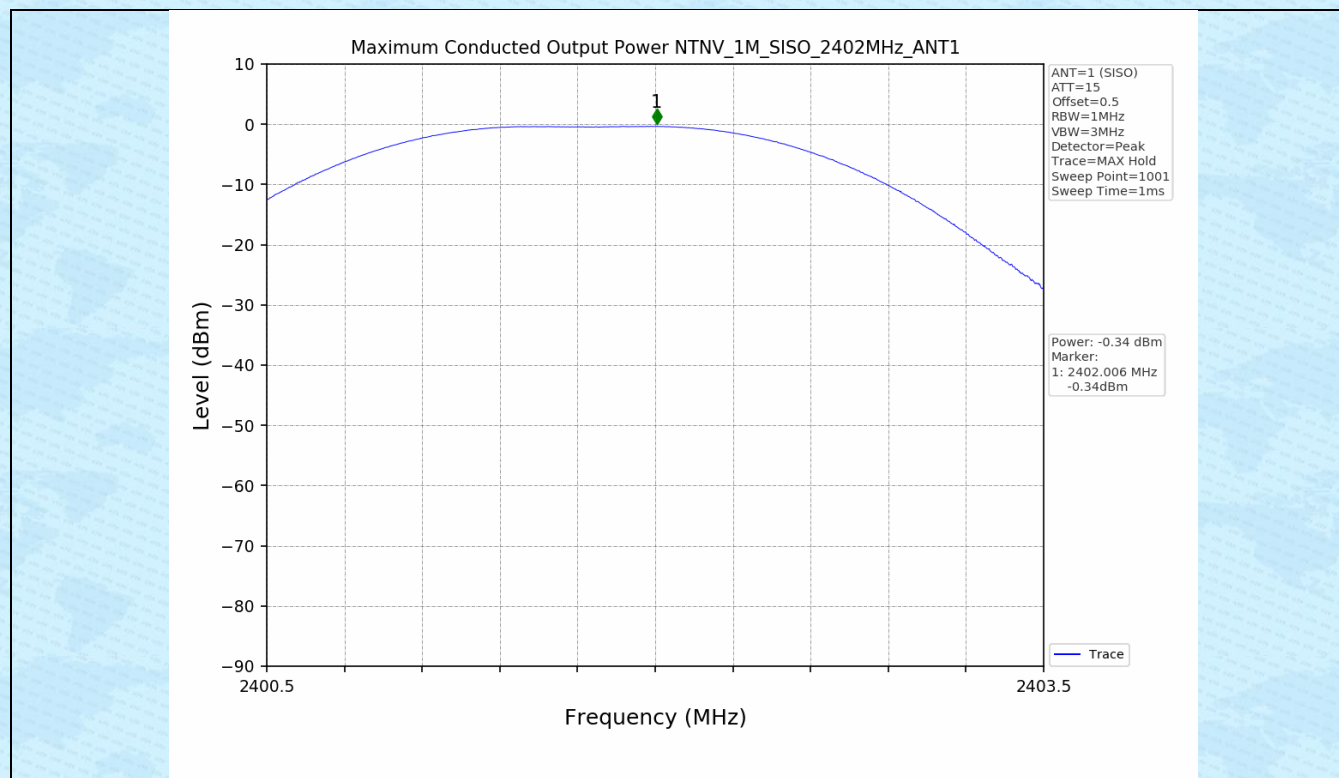


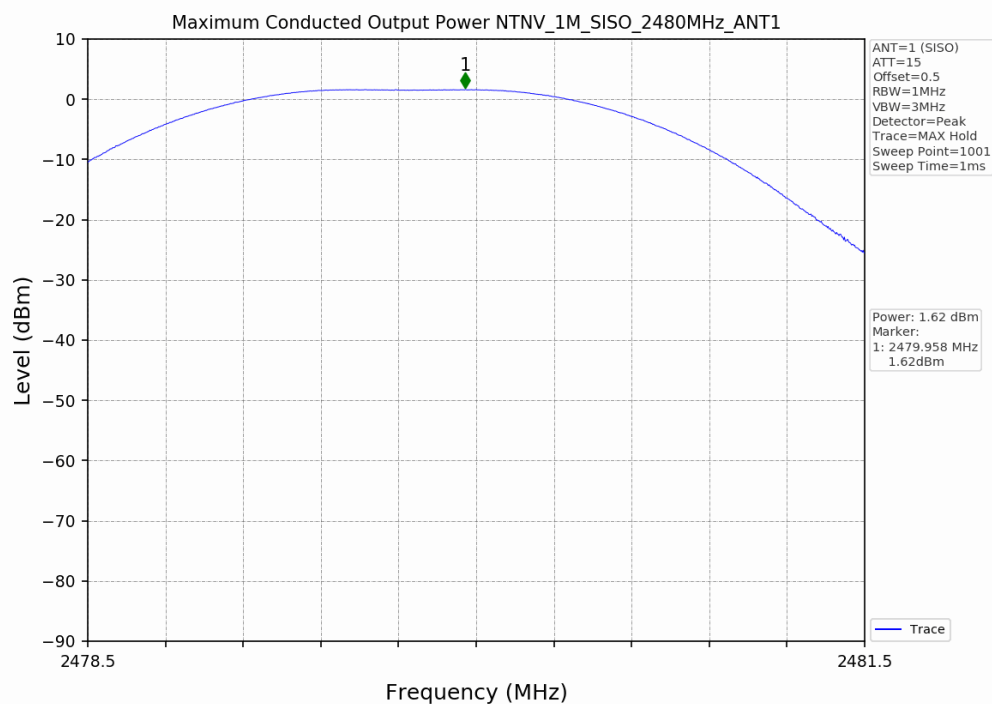
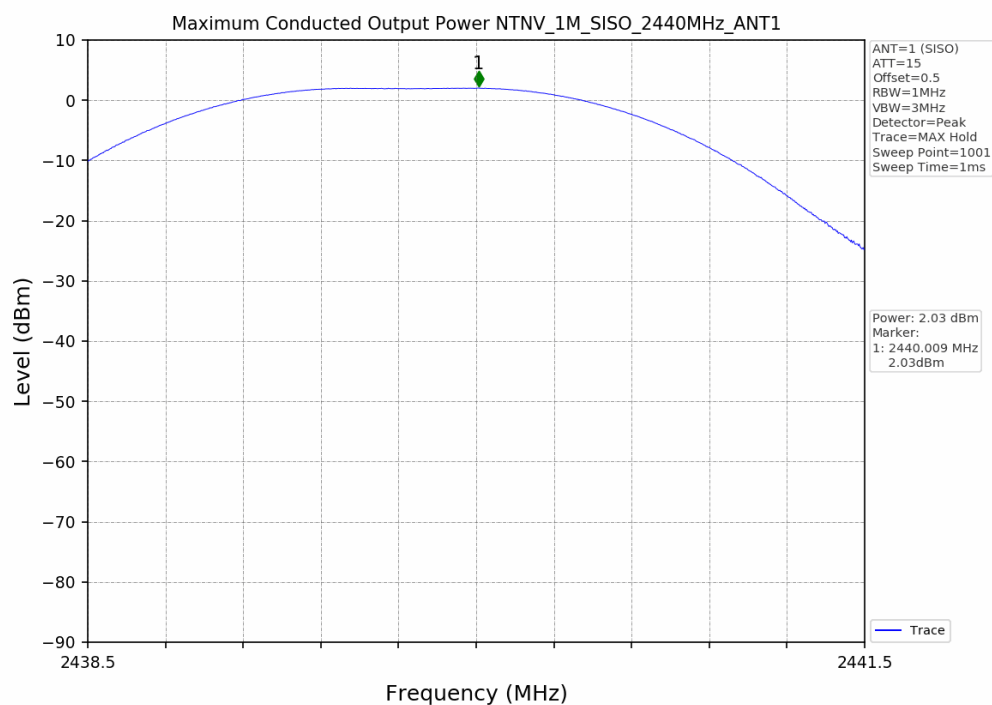
## 3. Maximum Conducted Output Power

### 3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|----------------------------------|--------------|---------|
|           |                 |         | Ant 1                            |              |         |
| GFSK      | 2402            | SISO    | -0.34                            | 30           | PASS    |
|           | 2440            | SISO    | 2.03                             | 30           | PASS    |
|           | 2480            | SISO    | 1.62                             | 30           | PASS    |

### 3.2 Test Graph



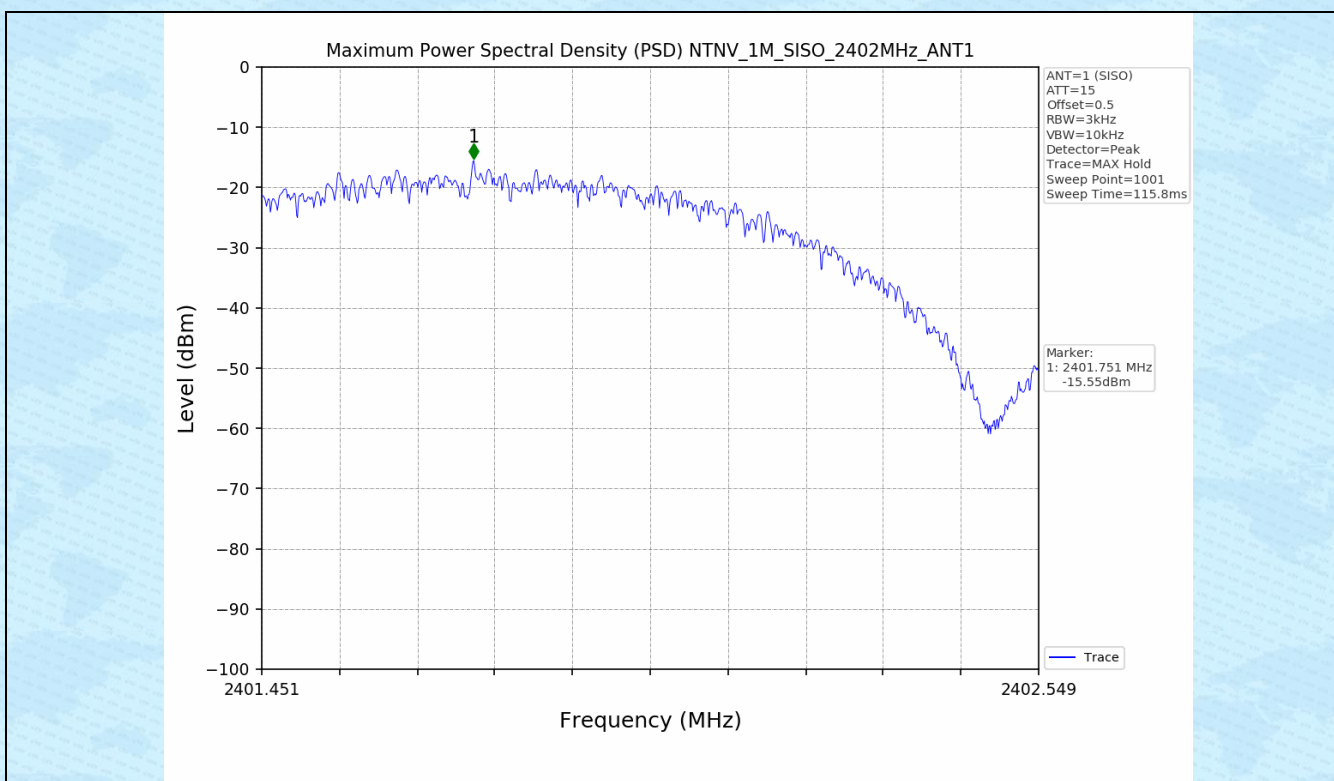


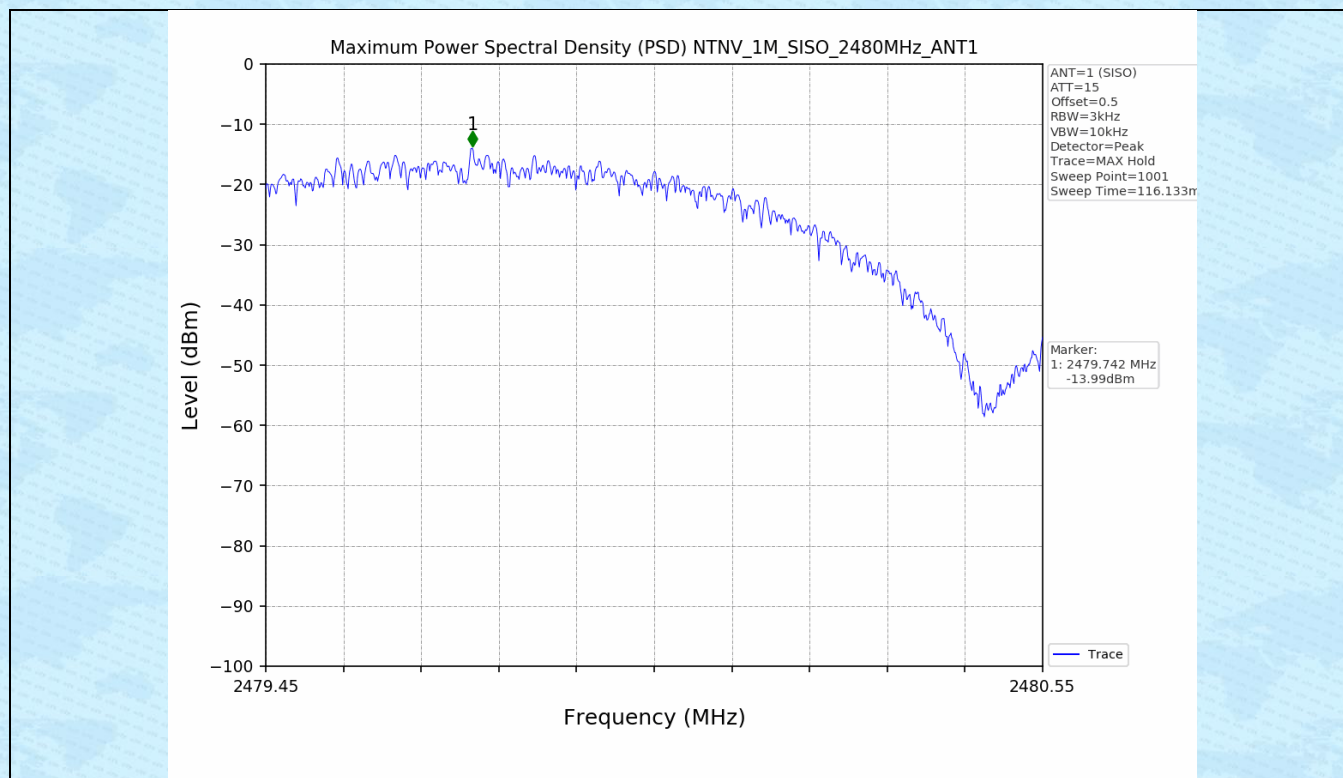
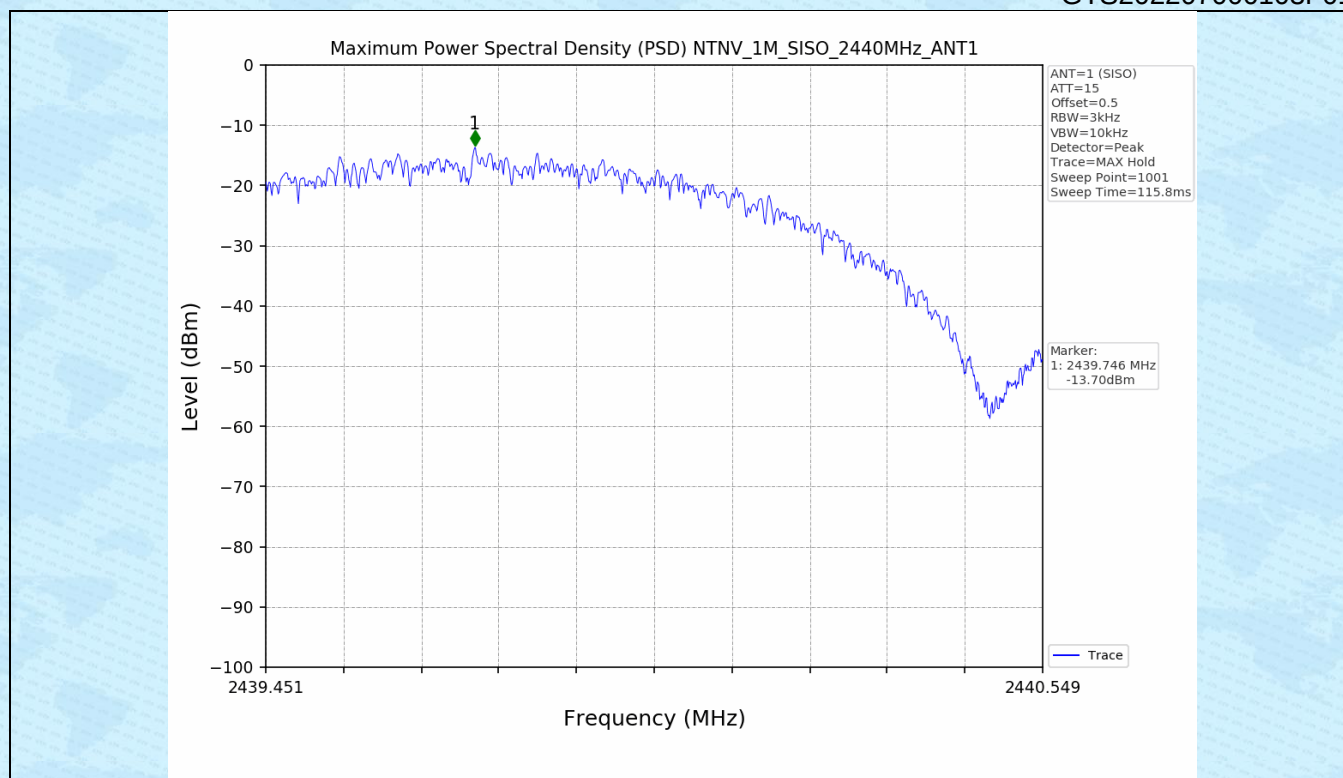
## 4. Maximum Power Spectral Density (PSD)

### 4.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/3KHz) | Limits (dBm/3kHz) | Verdict |
|-----------|-----------------|---------|-------------------------------------------|-------------------|---------|
|           |                 |         | Ant 1                                     |                   |         |
| GFSK      | 2402            | SISO    | -15.55                                    | ≤8                | PASS    |
|           | 2440            | SISO    | -13.70                                    | ≤8                | PASS    |
|           | 2480            | SISO    | -13.99                                    | ≤8                | PASS    |

### 4.2 Test Graph



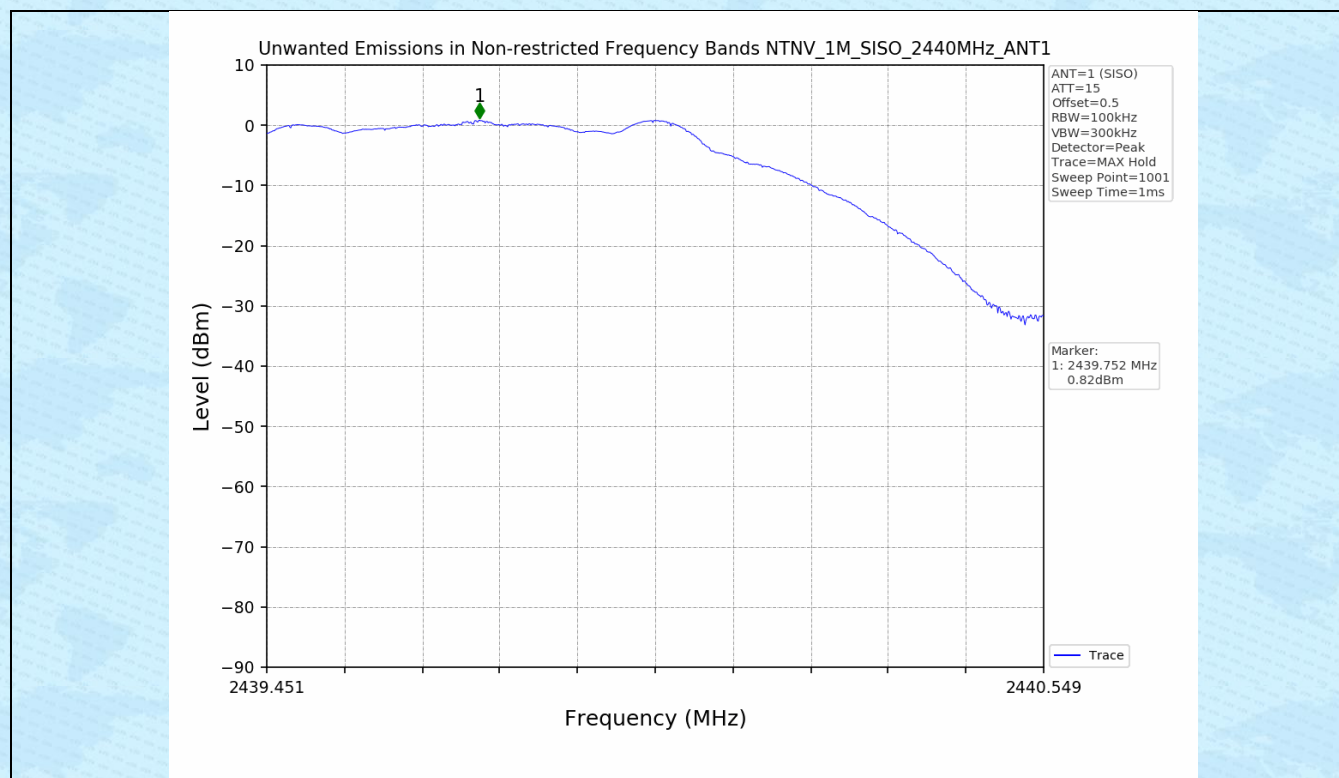


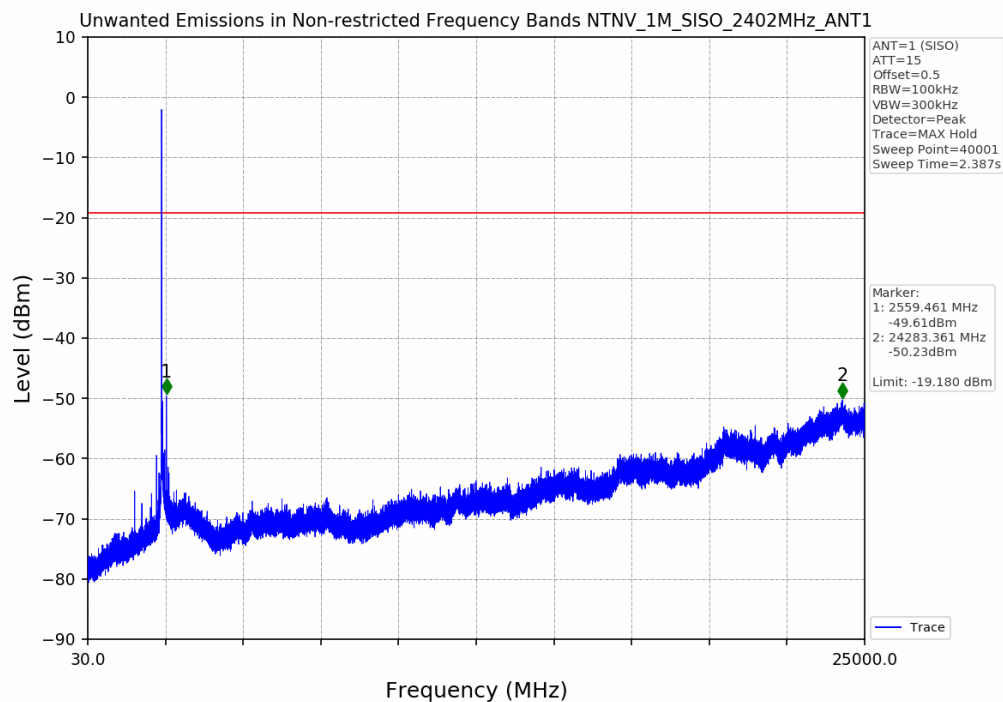
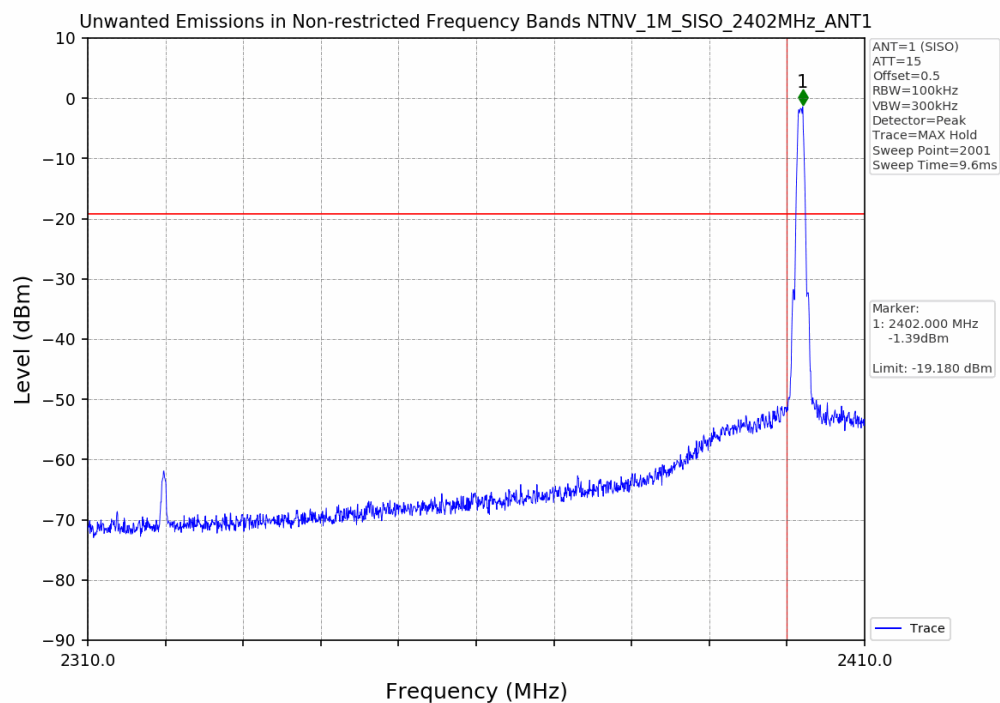
## 5. Unwanted Emissions in Non-restricted Frequency Bands

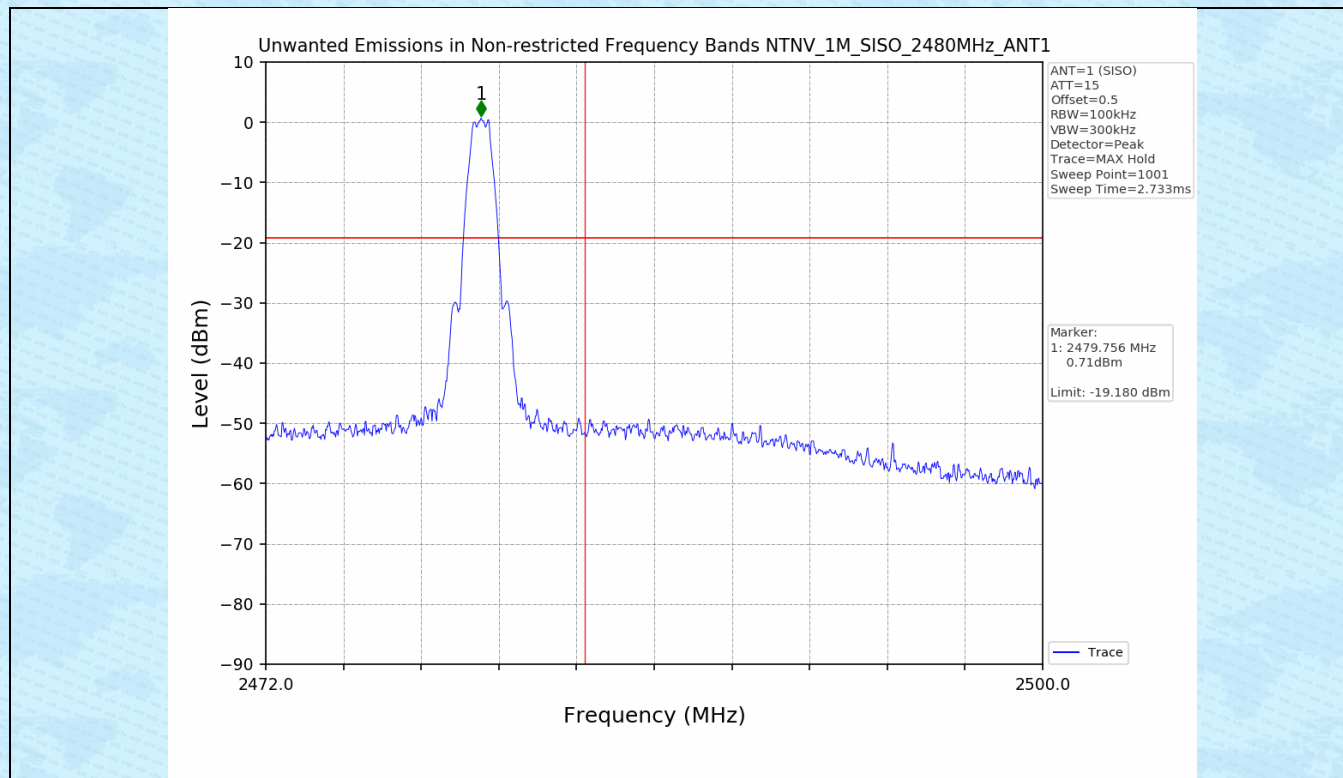
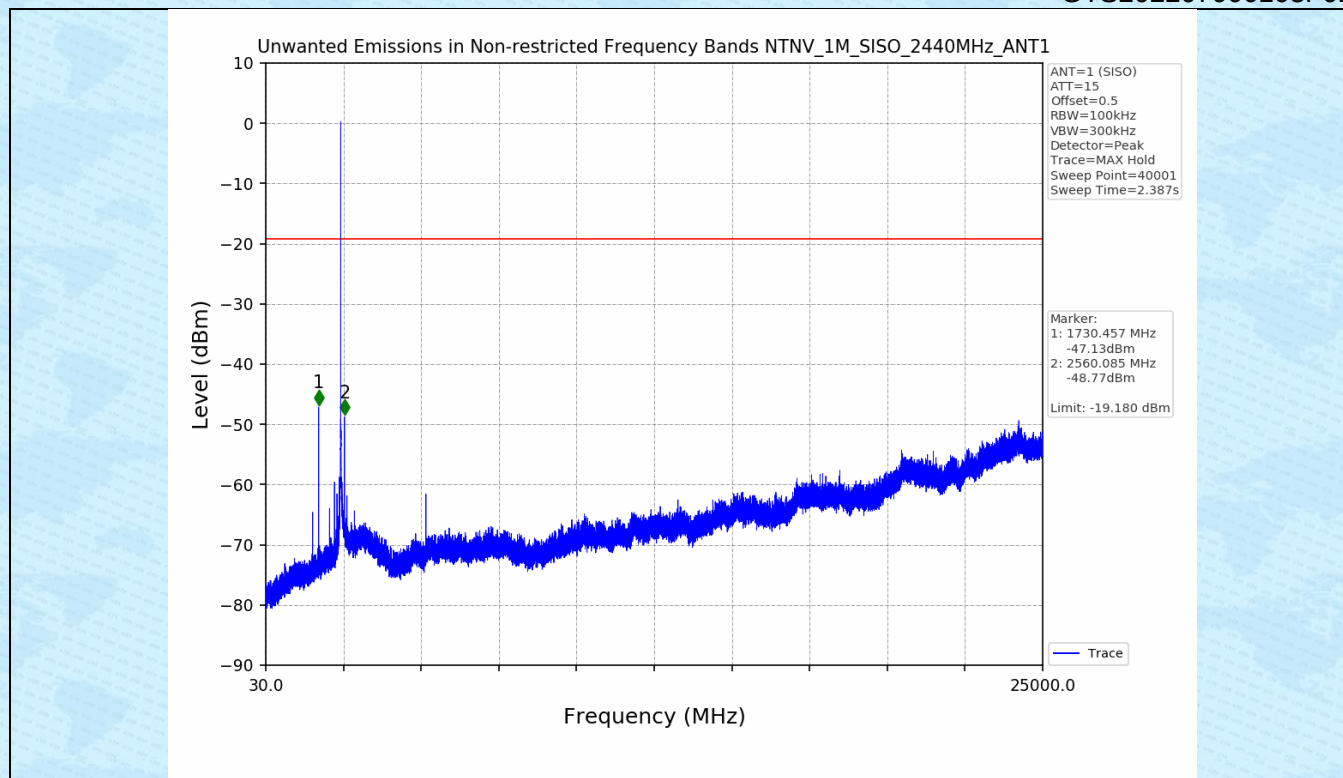
### 5.1 Test Result

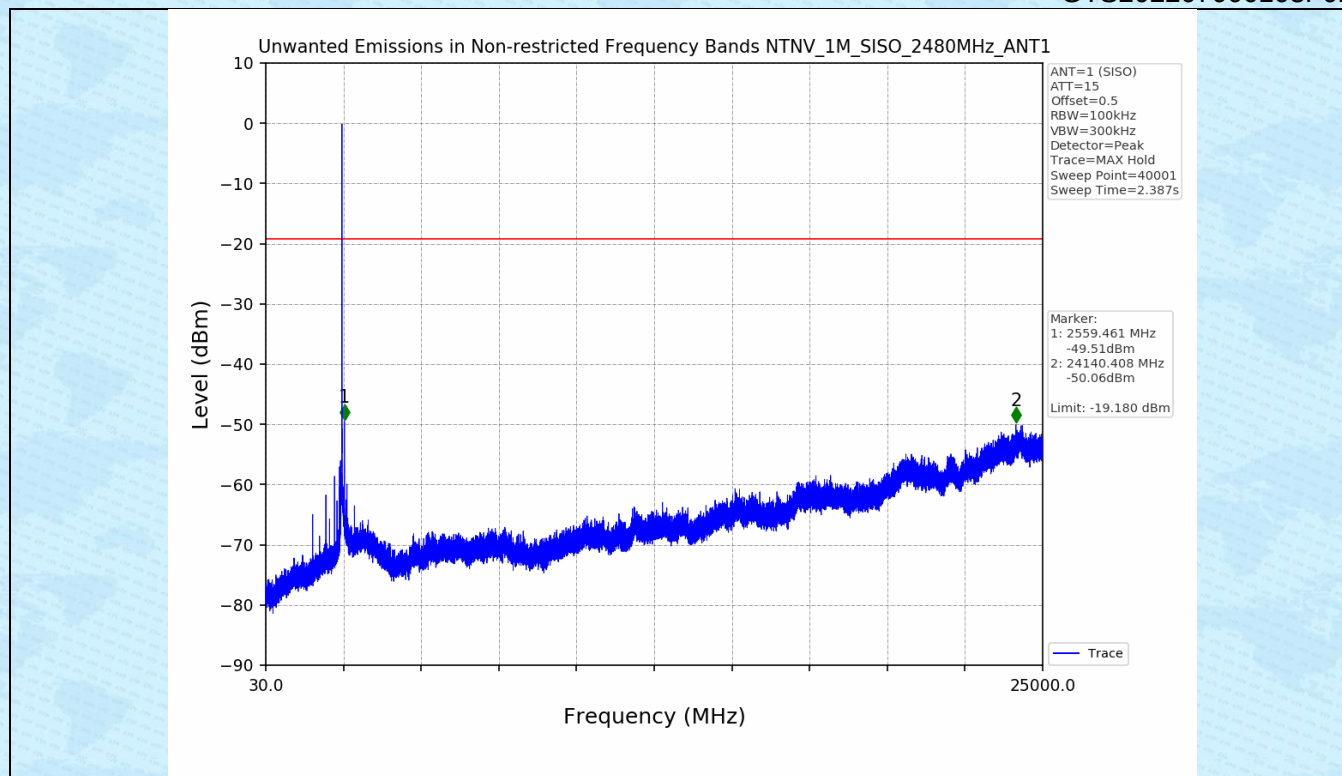
| Test Mode | Frequency (MHz) | TX Type | ANT No. | Spurious Conducted Emission (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| GFSK      | 2402            | SISO    | 1       | Refer to test graph               | -19.18       | PASS    |
|           | 2440            | SISO    | 1       | Refer to test graph               | -19.18       | PASS    |
|           | 2480            | SISO    | 1       | Refer to test graph               | -19.18       | PASS    |

### 5.2 Test Graph









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