

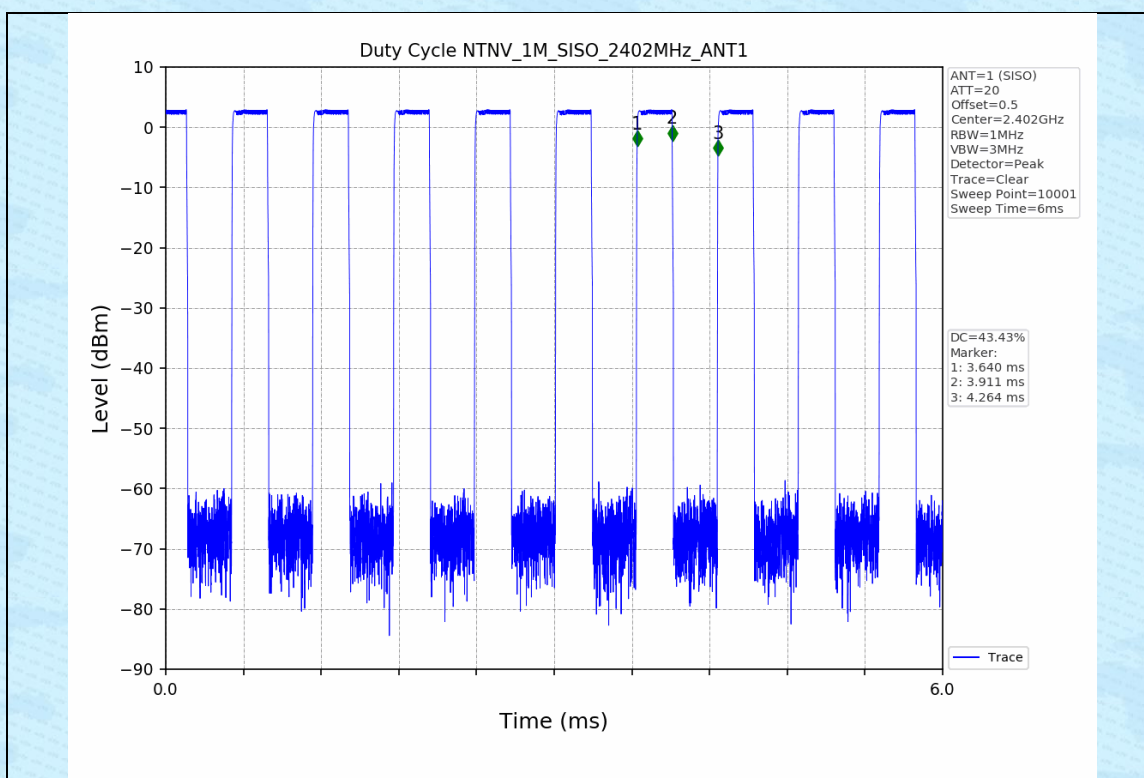
## Appendix for 15.247

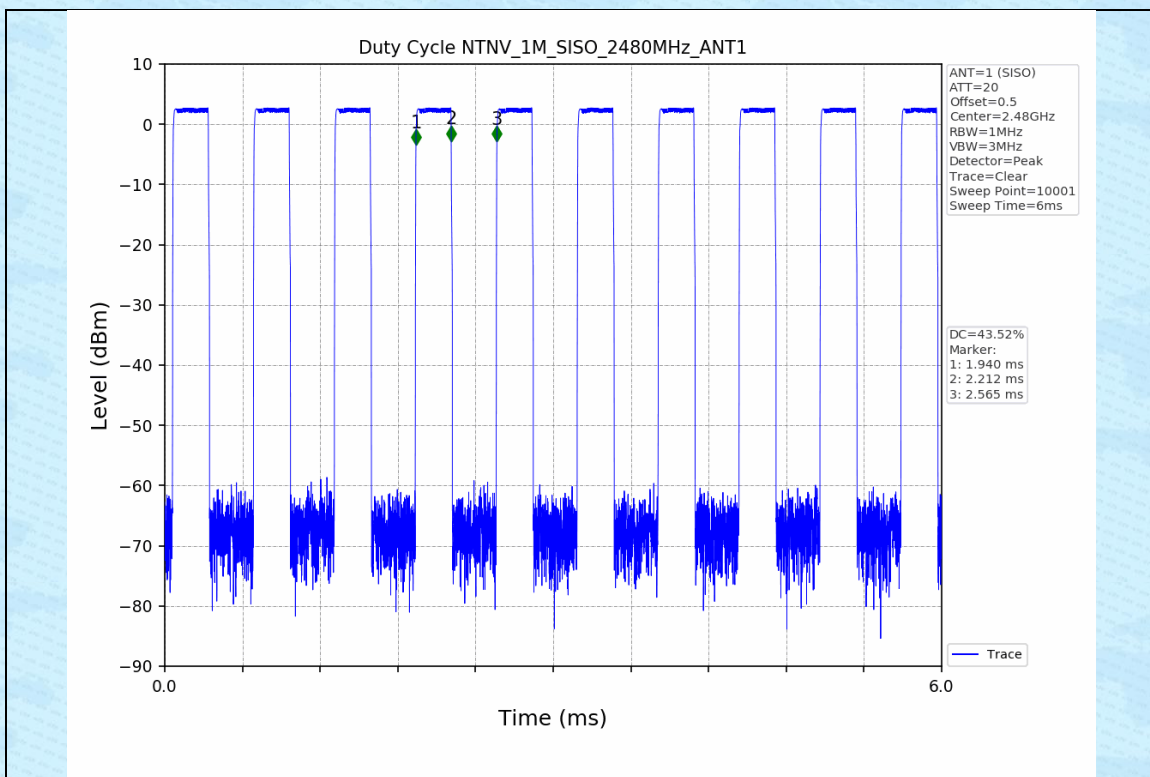
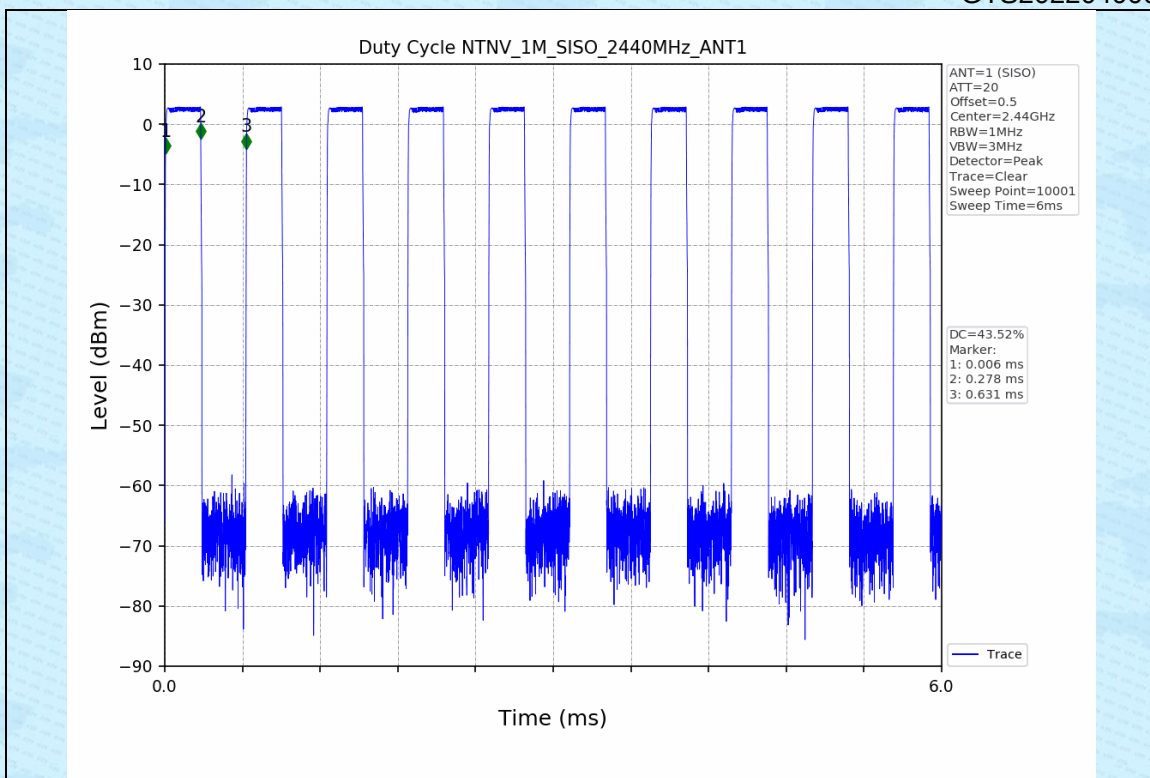
### 1. Duty Cycle

#### 1.1 Test Result

| Test Mode | Channel Frequency(M Hz) | TX Type | ANT No. | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) |
|-----------|-------------------------|---------|---------|-----------|-------------|----------------|-----------------------------------|
| GFSK      | 2402                    | SISO    | 1       | 0.271     | 0.624       | 43.43          | 3.62                              |
|           | 2440                    | SISO    | 1       | 0.272     | 0.625       | 43.52          | 3.61                              |
|           | 2480                    | SISO    | 1       | 0.272     | 0.625       | 43.52          | 3.61                              |

#### 1.2 Test Graph





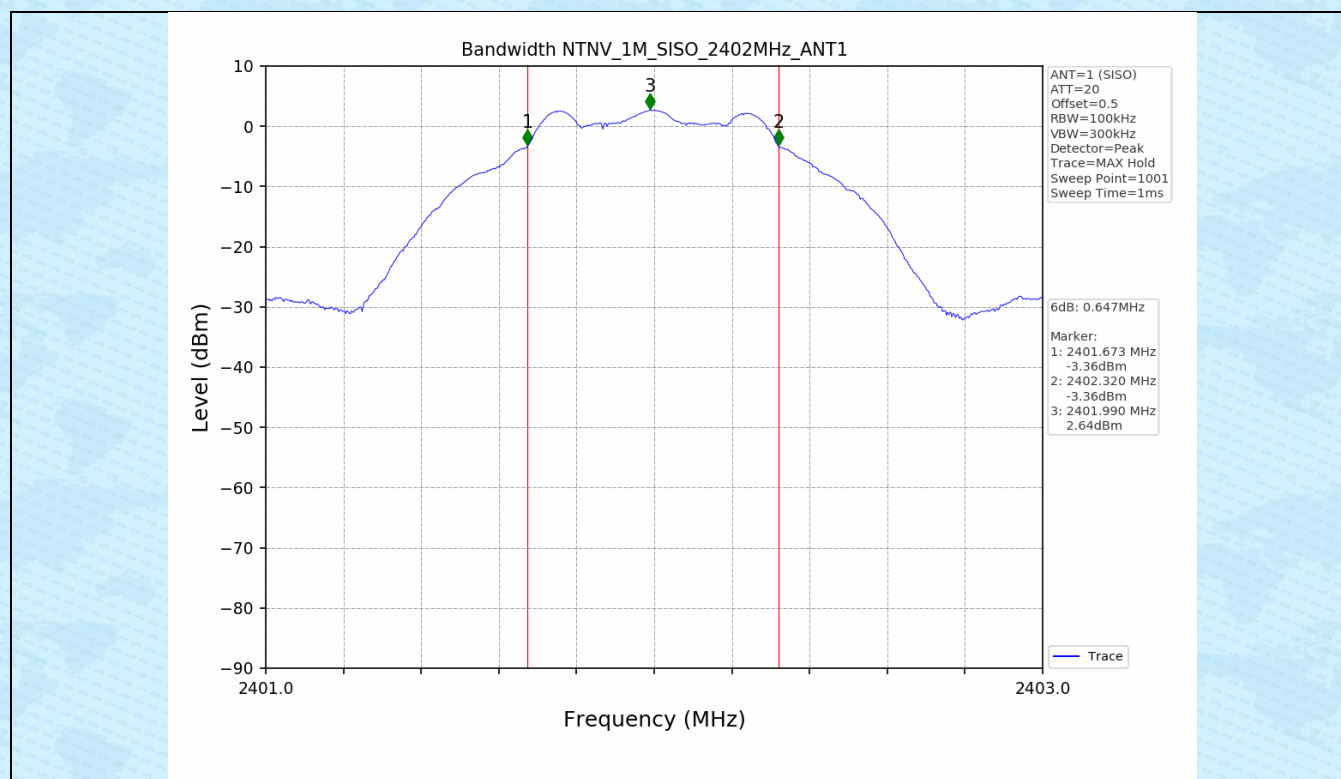
## 2. Bandwidth

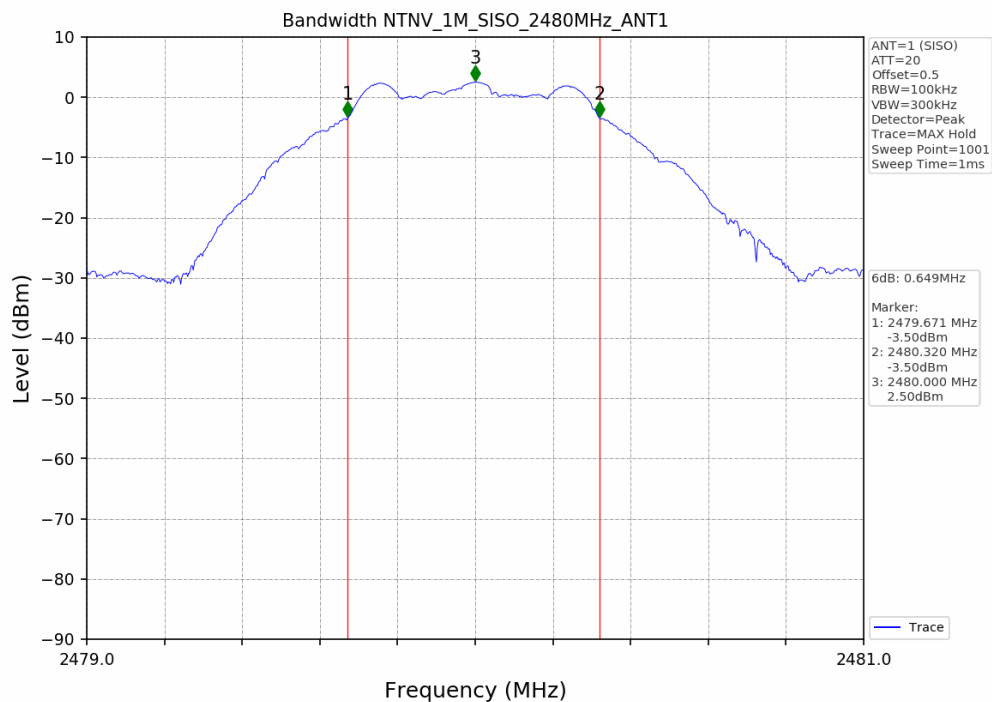
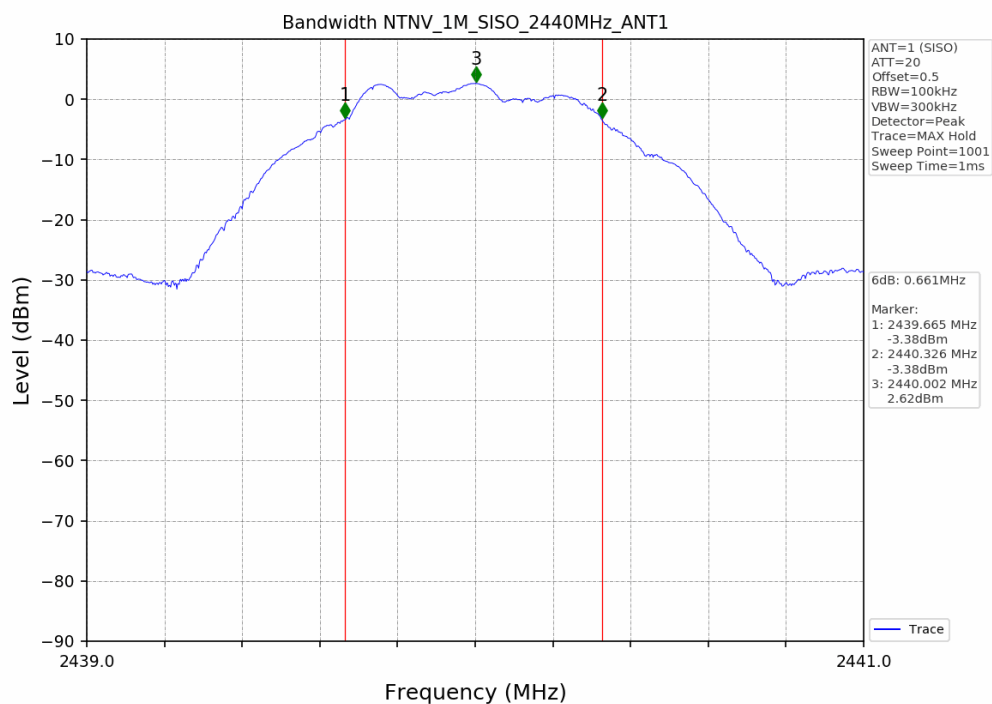
### 2.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth     |              | Verdict |
|-----------|-----------------|---------|---------|-------------------|--------------|---------|
|           |                 |         |         | Test Result (MHz) | Limits (MHz) |         |
| GFSK      | 2402            | SISO    | 1       | 0.647             | $\geq 0.5$   | PASS    |
|           | 2440            | SISO    | 1       | 0.661             | $\geq 0.5$   | PASS    |
|           | 2480            | SISO    | 1       | 0.649             | $\geq 0.5$   | PASS    |

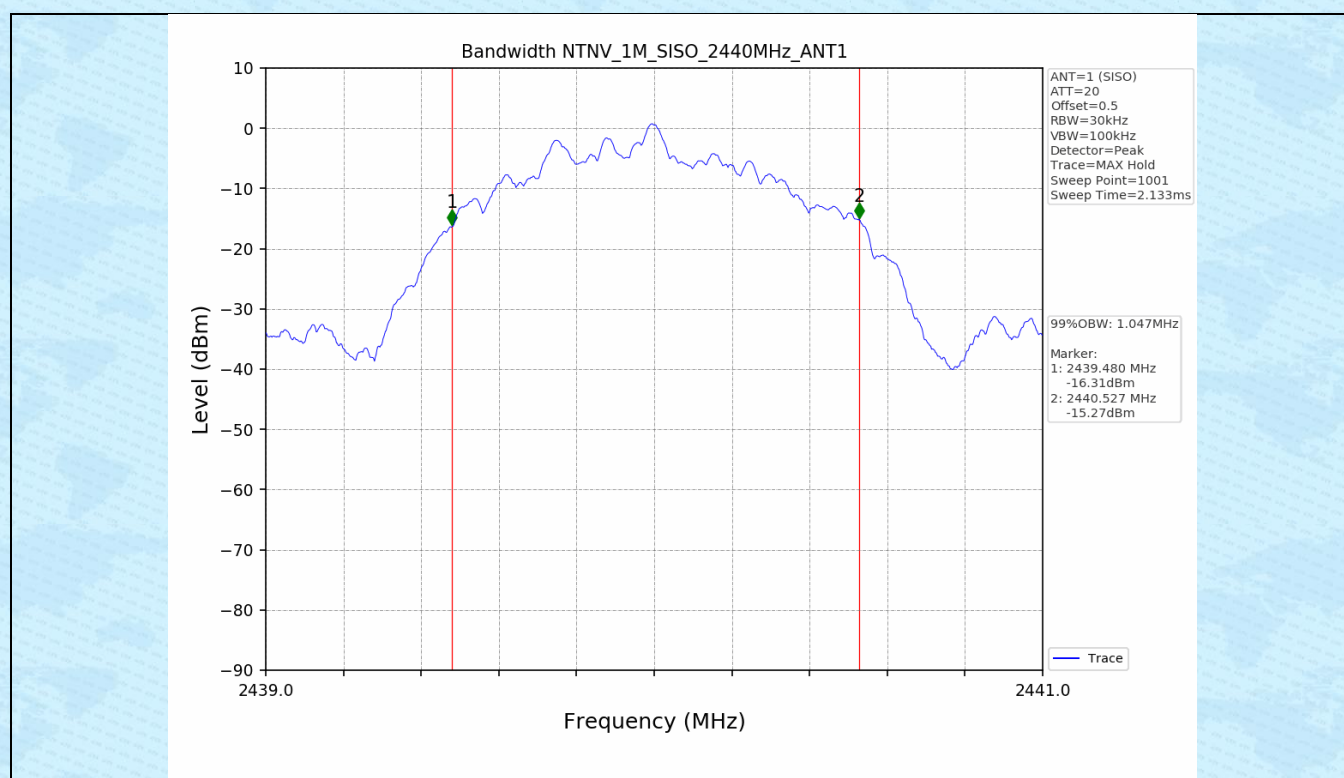
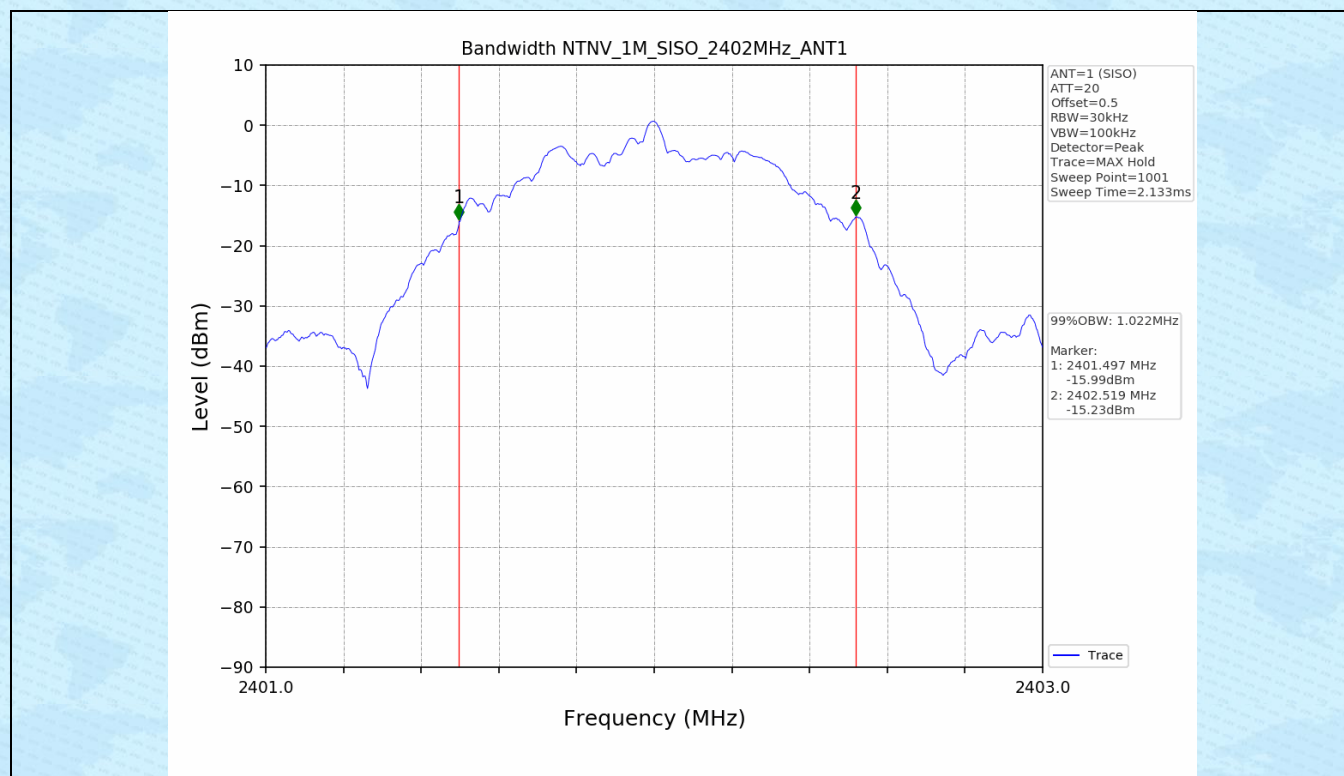
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|-----------|-----------------|---------|---------|------------------------|---------------------|
|           |                 |         |         | Test Result (MHz)      |                     |
| GFSK      | 2402            | SISO    | 1       | 1.022                  | Only for Report Use |
|           | 2440            | SISO    | 1       | 1.047                  | Only for Report Use |
|           | 2480            | SISO    | 1       | 1.029                  | Only for Report Use |

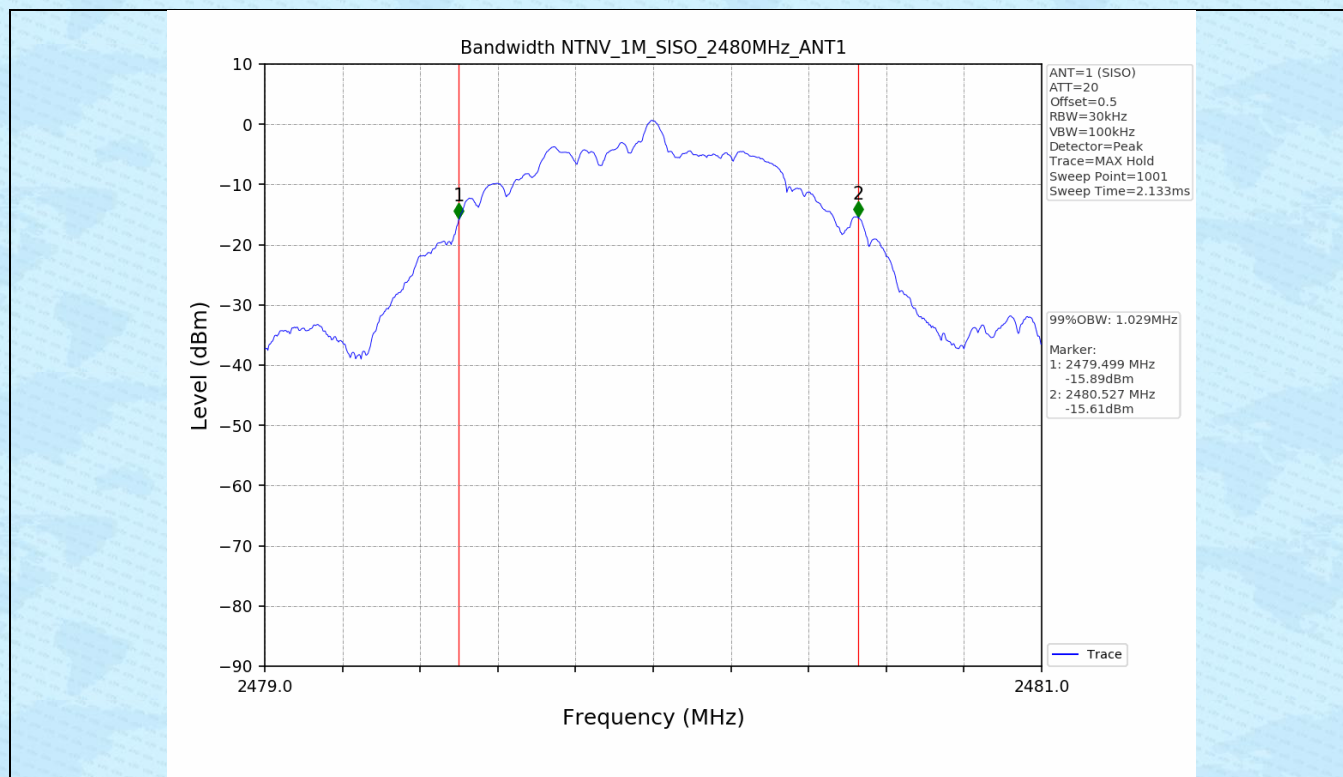
### 2.2 Test Graph - 6dB Bandwidth





## 2.3 Test Graph - 99% Occupied Bandwidth



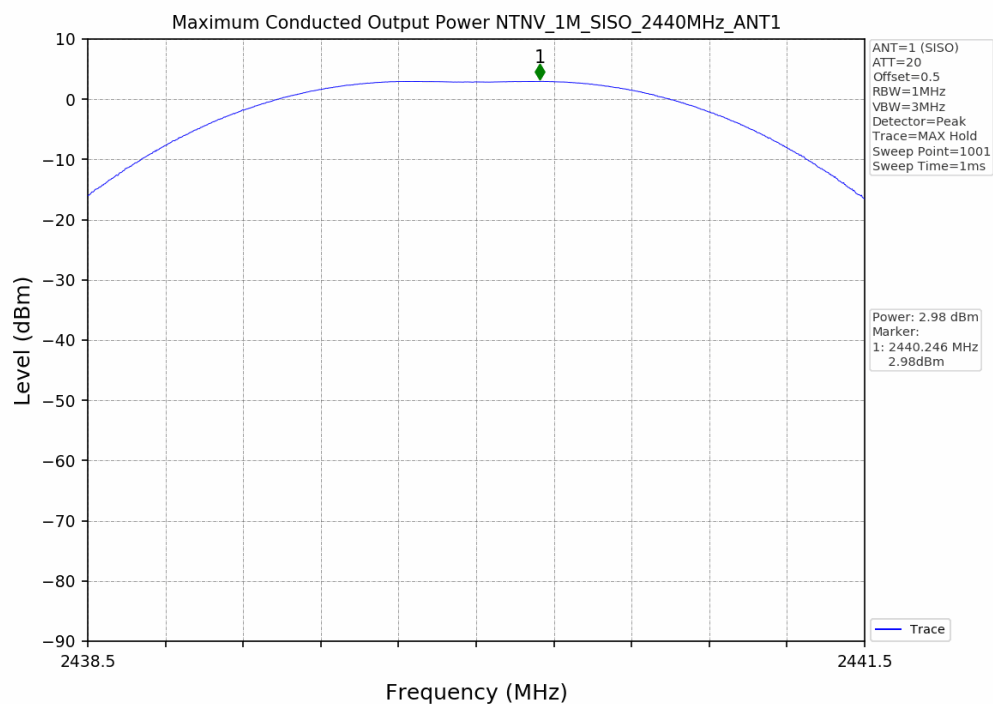
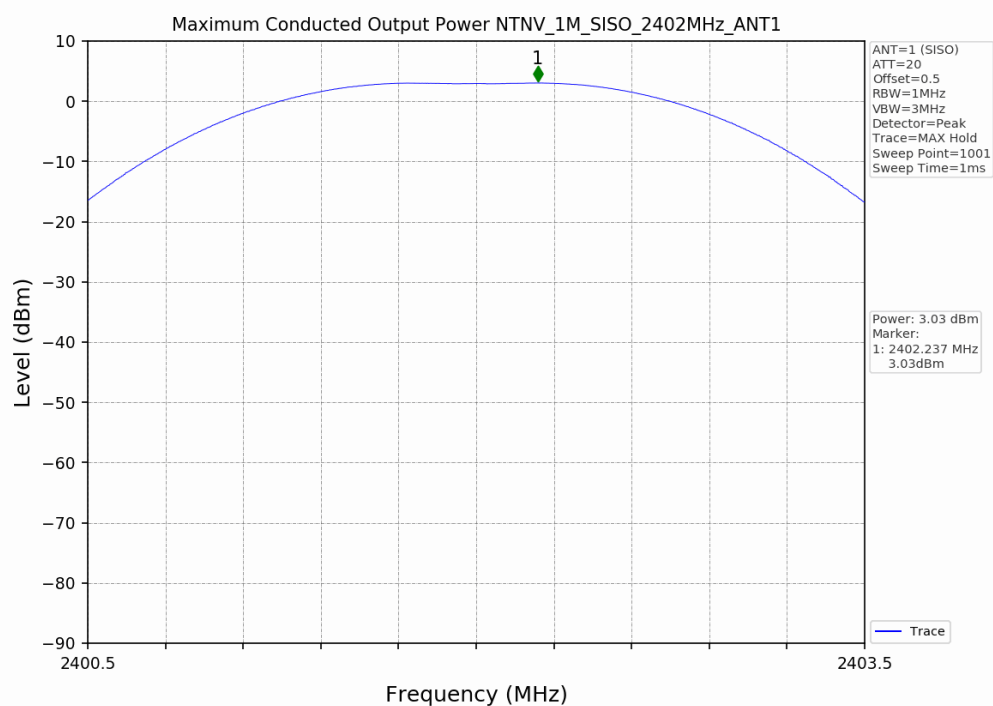


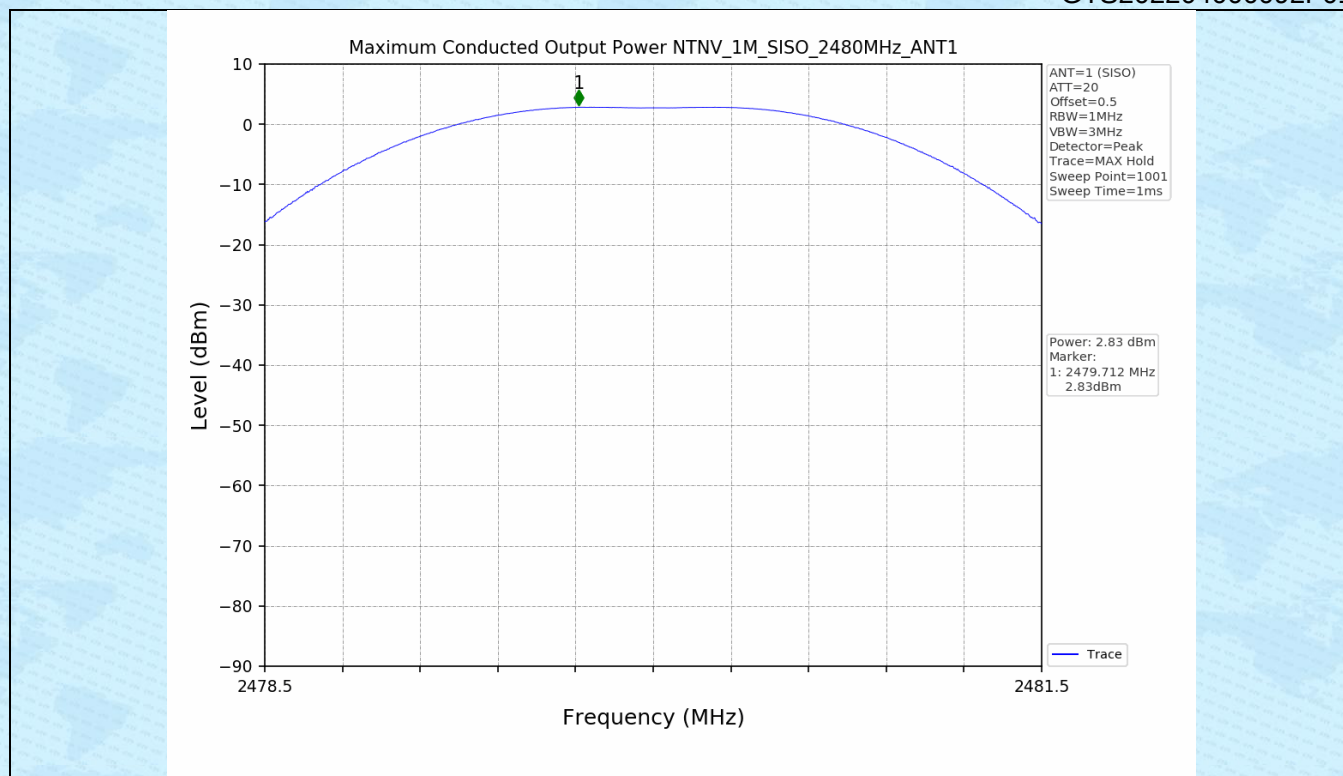
## 3. Maximum Conducted Output Power

### 3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|----------------------------------|--------------|---------|
|           |                 |         | Ant 1                            |              |         |
| GFSK      | 2402            | SISO    | 3.03                             | 30           | PASS    |
|           | 2440            | SISO    | 2.98                             | 30           | PASS    |
|           | 2480            | SISO    | 2.83                             | 30           | PASS    |

### 3.2 Test Graph



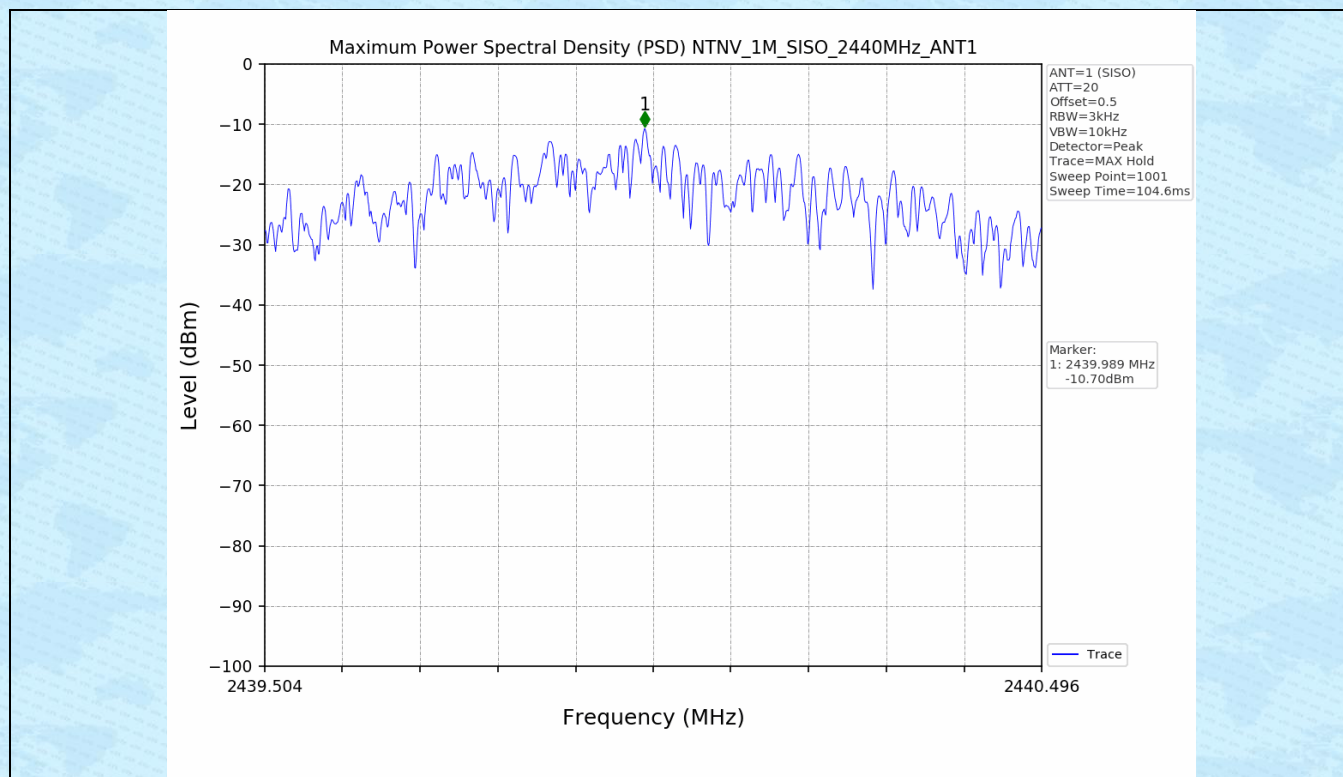
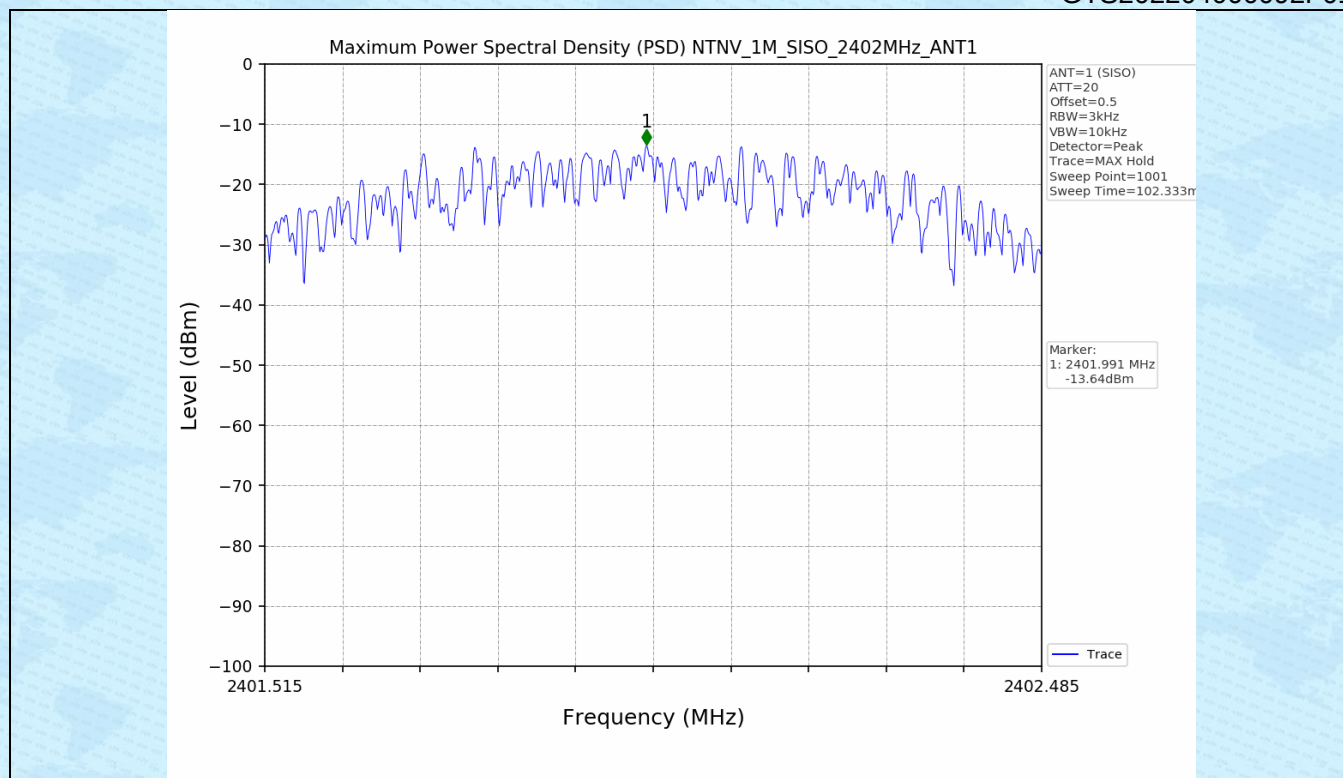


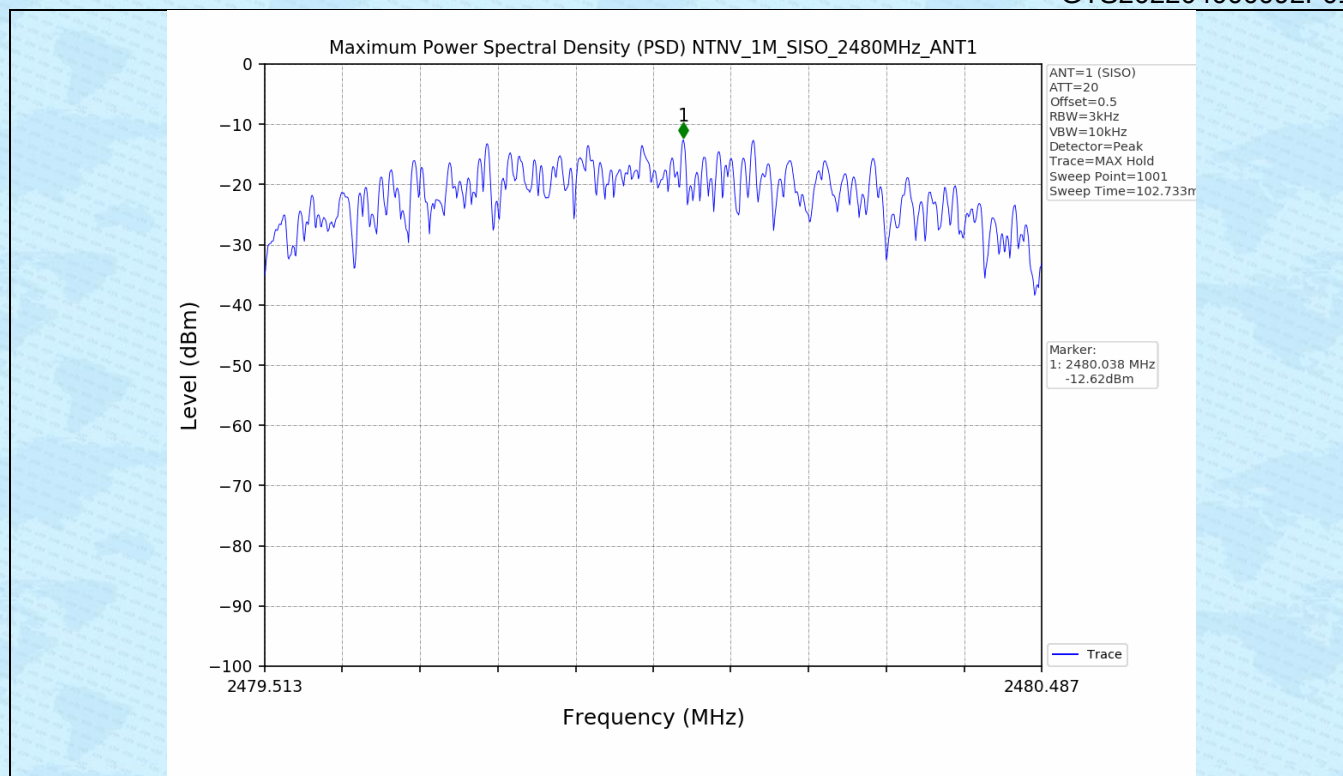
## 4. Maximum Power Spectral Density (PSD)

### 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    | -13.64                                    | ≤8                | PASS    |
|           | 2440            | SISO    | -10.70                                    | ≤8                | PASS    |
|           | 2480            | SISO    | -12.62                                    | ≤8                | PASS    |

### 4.2 Test Graph



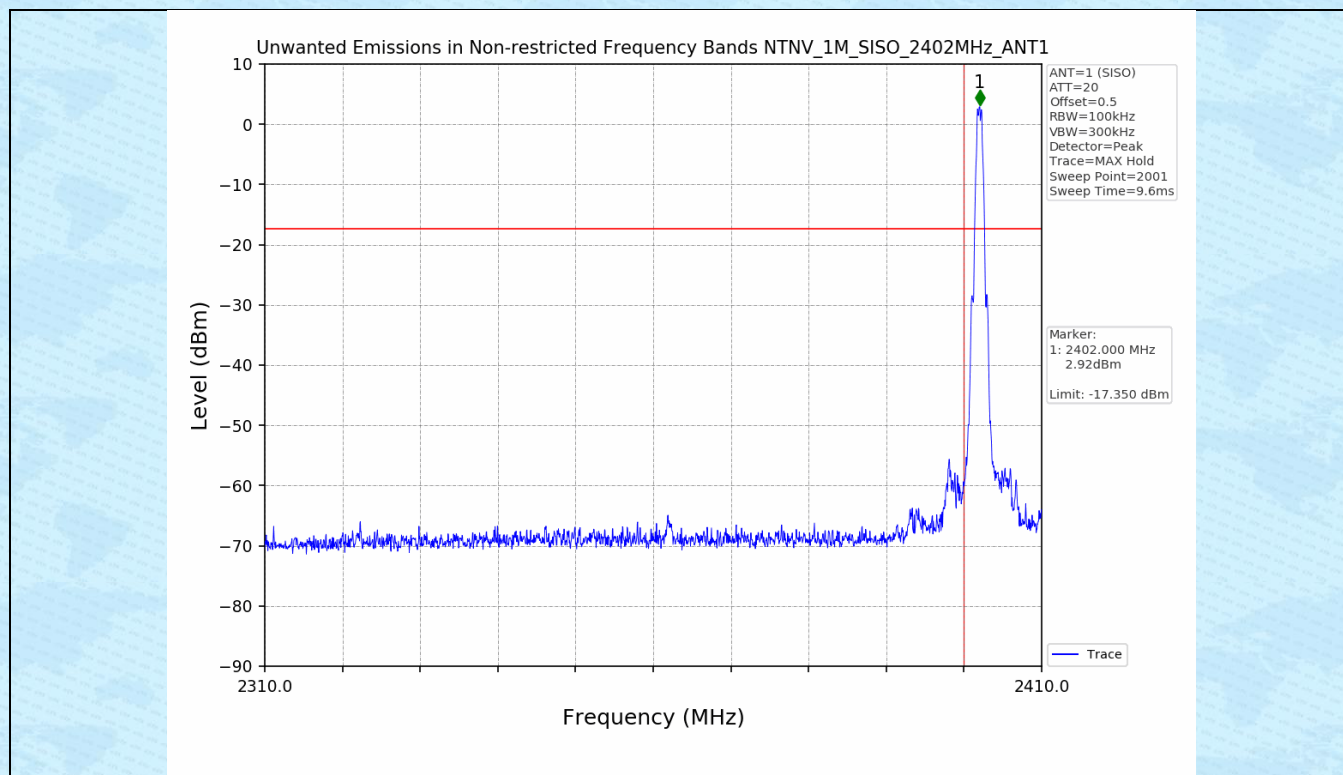
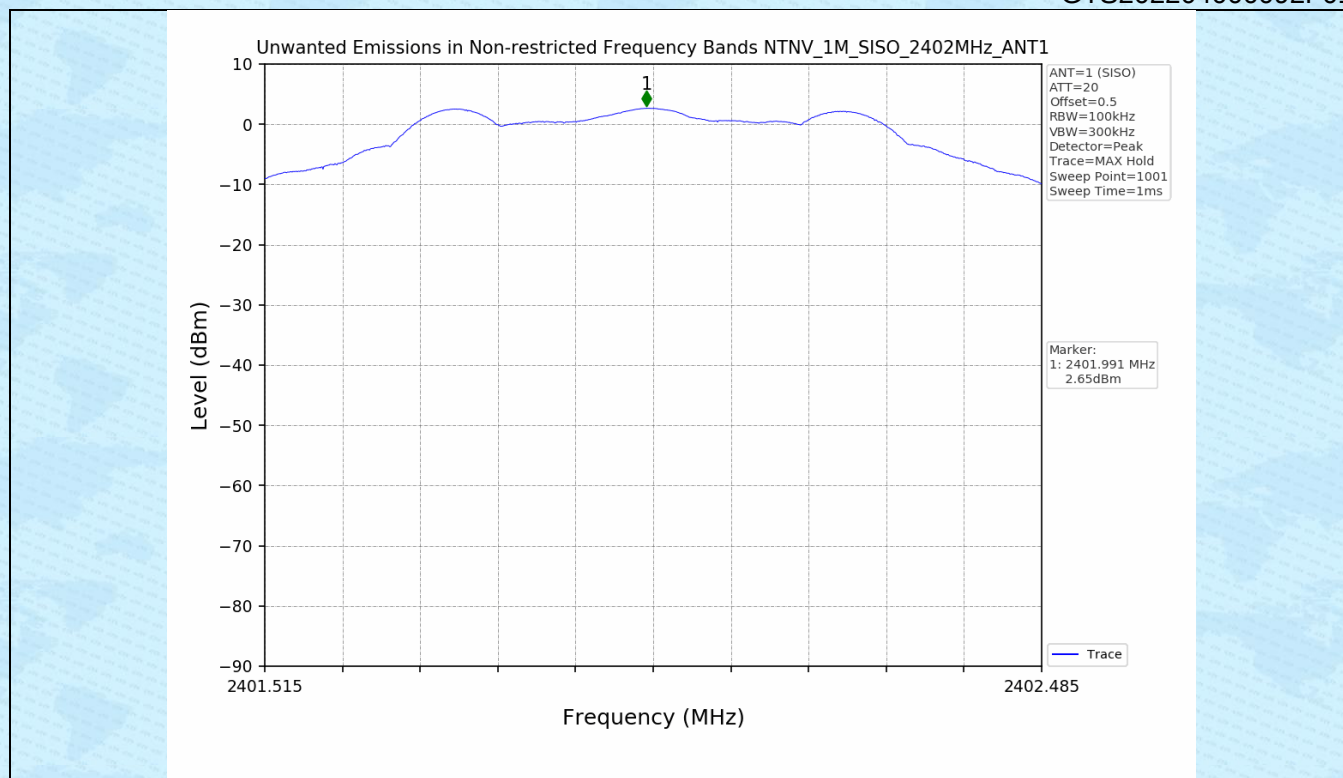


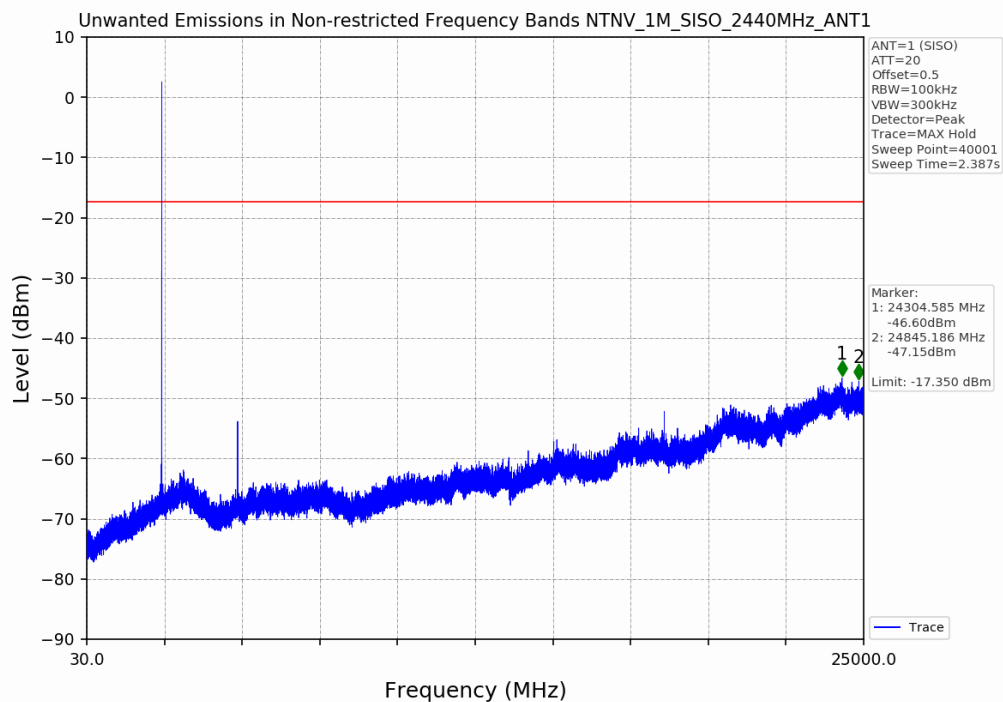
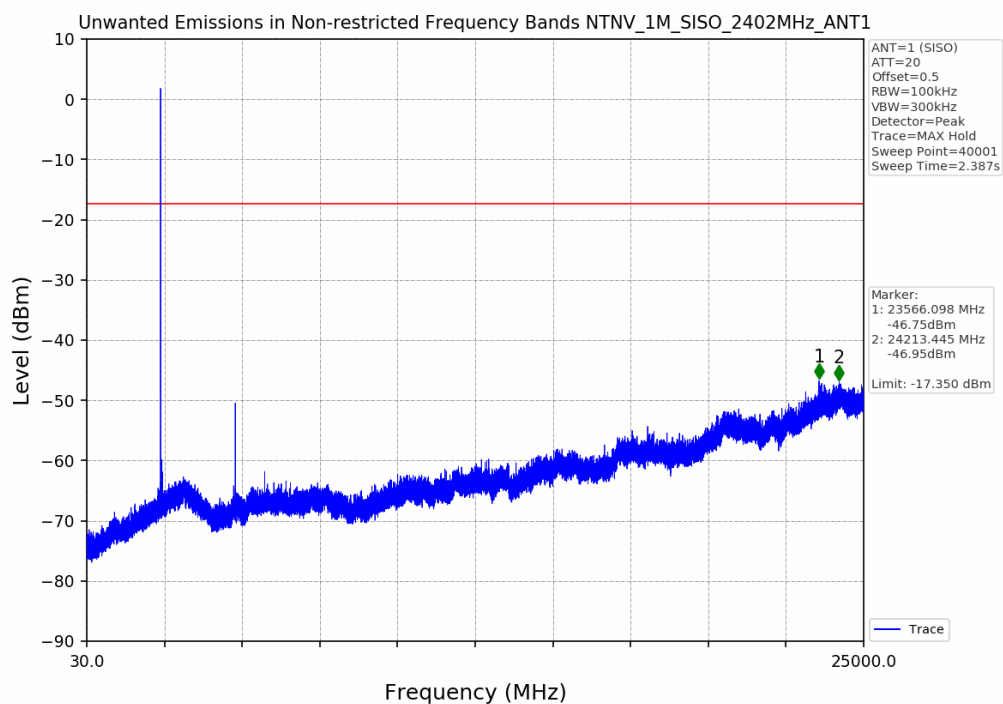
## 5. Unwanted Emissions in Non-restricted Frequency Bands

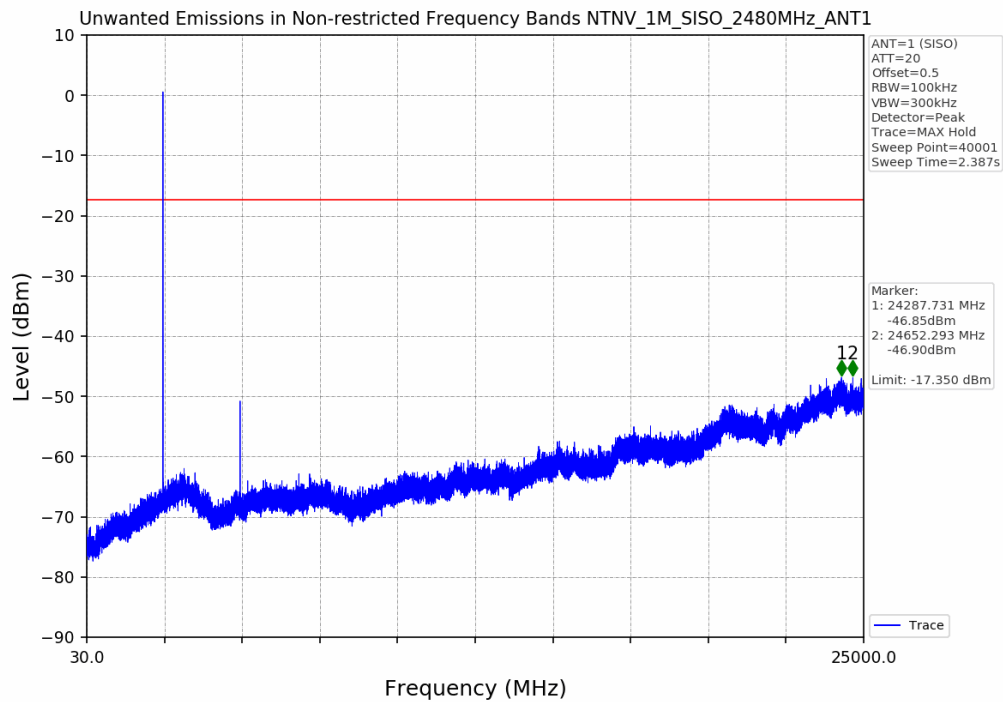
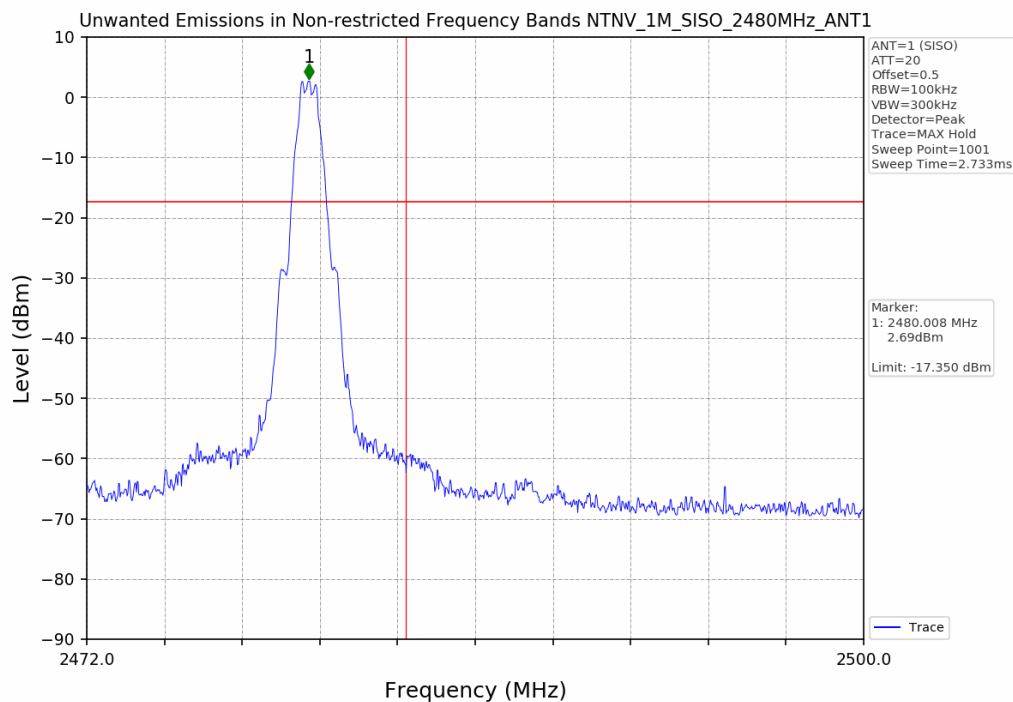
### 5.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | Spurious Conducted Emission (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| GFSK      | 2402            | SISO    | 1       | Refer to test graph               | -17.35       | PASS    |
|           | 2440            | SISO    | 1       | Refer to test graph               | -17.35       | PASS    |
|           | 2480            | SISO    | 1       | Refer to test graph               | -17.35       | PASS    |

### 5.2 Test Graph







-----End-----