



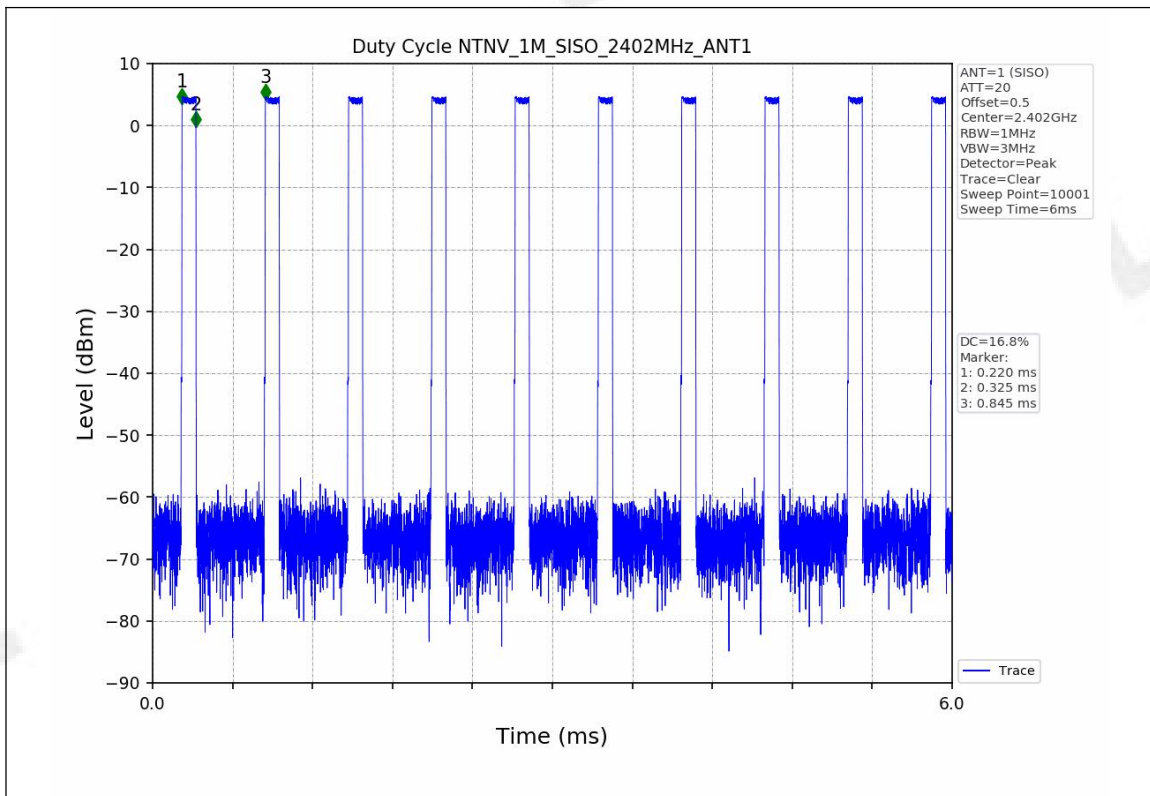
## Appendix for 15.247

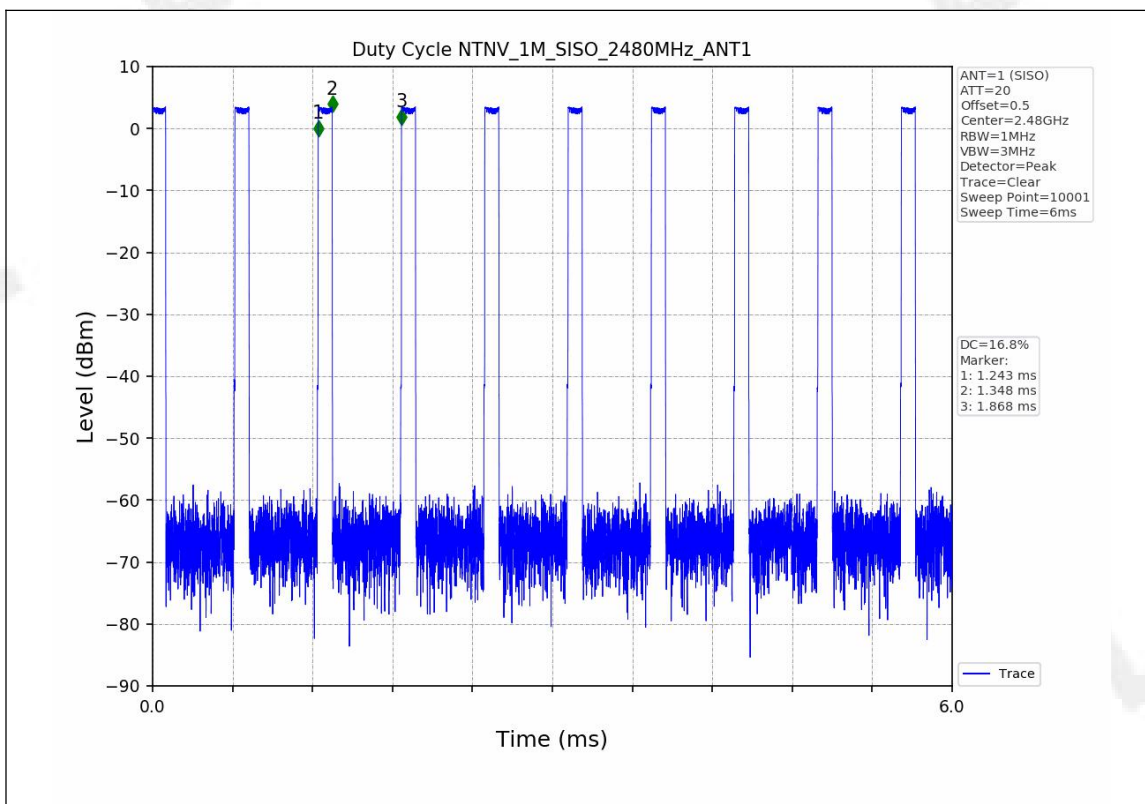
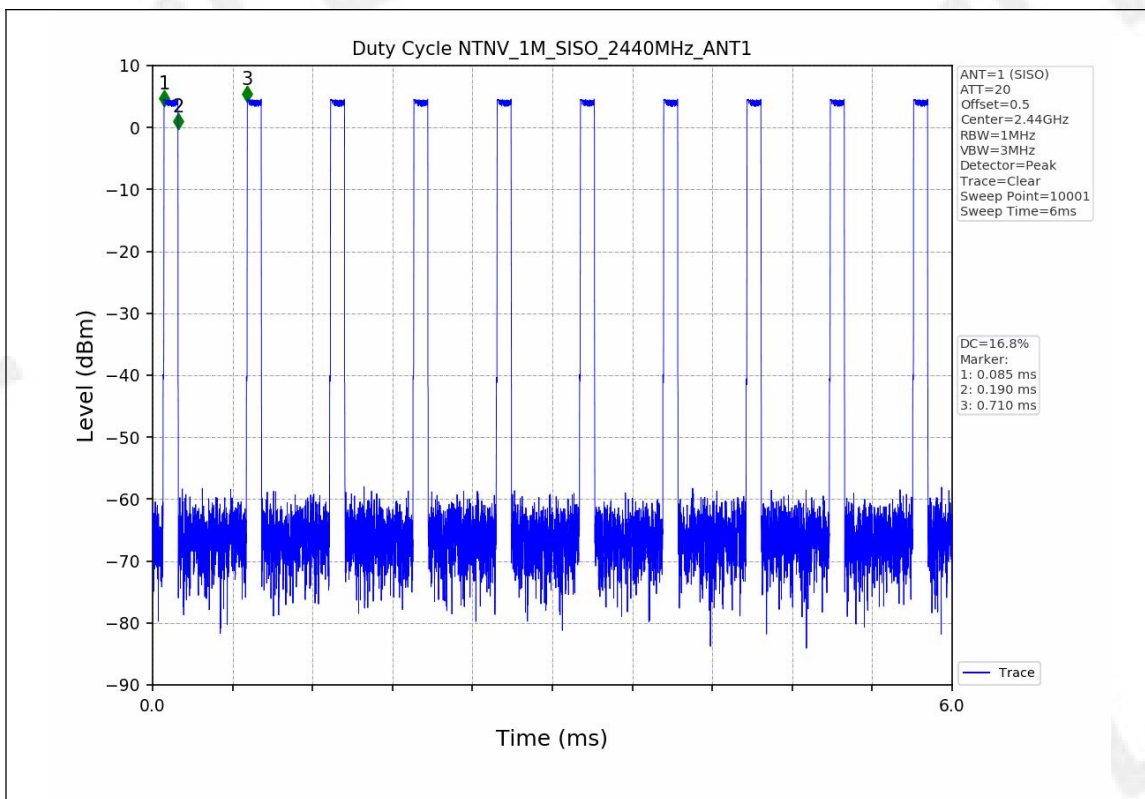
### 1. Duty Cycle

#### 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) |
|-----------|------------------------|---------|---------|-----------|-------------|----------------|-----------------------------------|
| 1M        | 2402                   | SISO    | 1       | 0.105     | 0.625       | 16.80          | 7.75                              |
|           | 2440                   | SISO    | 1       | 0.105     | 0.625       | 16.80          | 7.75                              |
|           | 2480                   | SISO    | 1       | 0.105     | 0.625       | 16.80          | 7.75                              |

#### 1.2 Test Graph





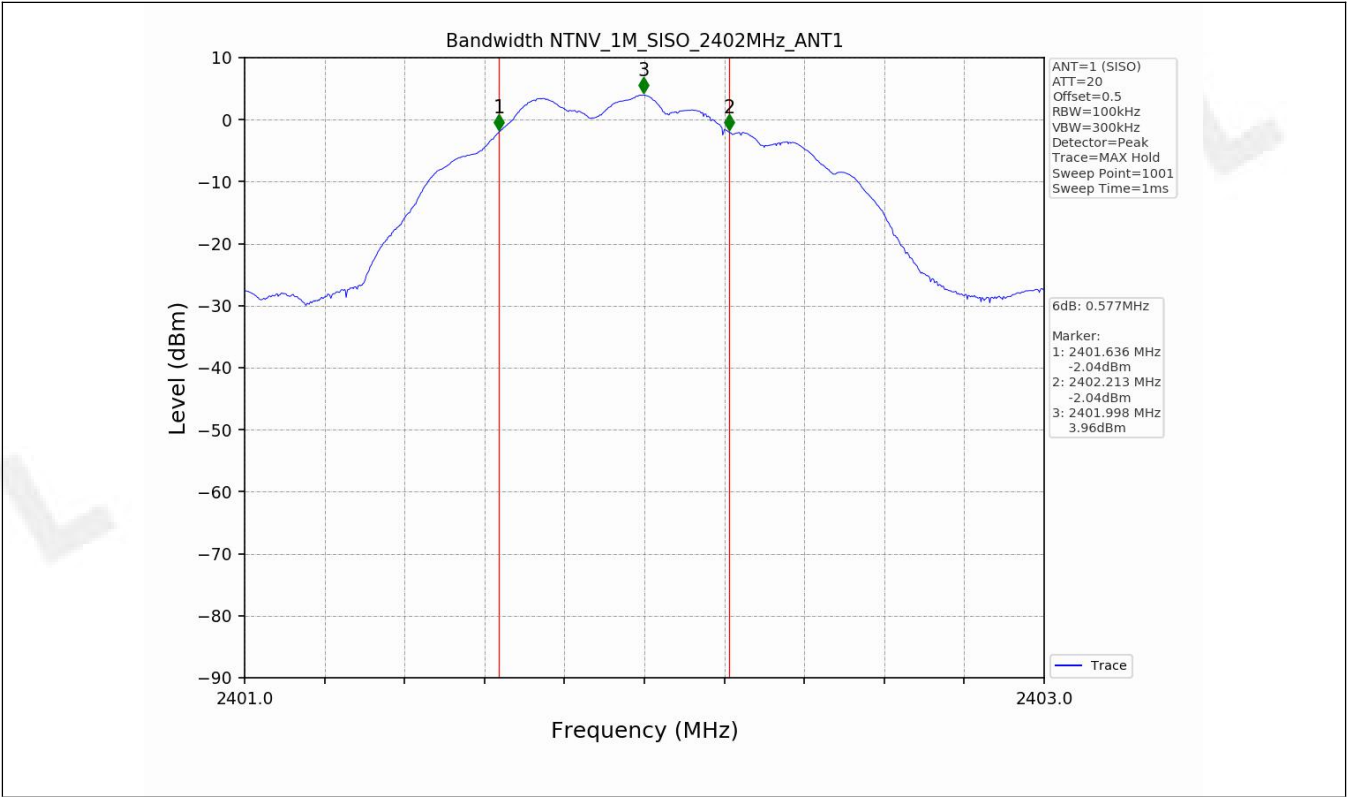
2. Bandwidth

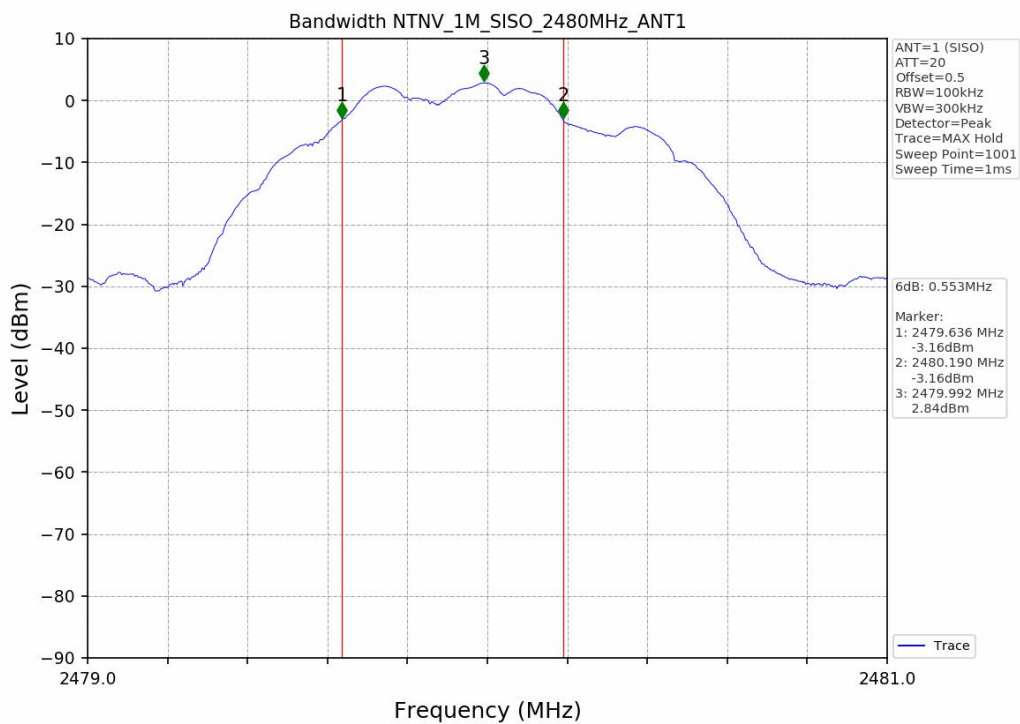
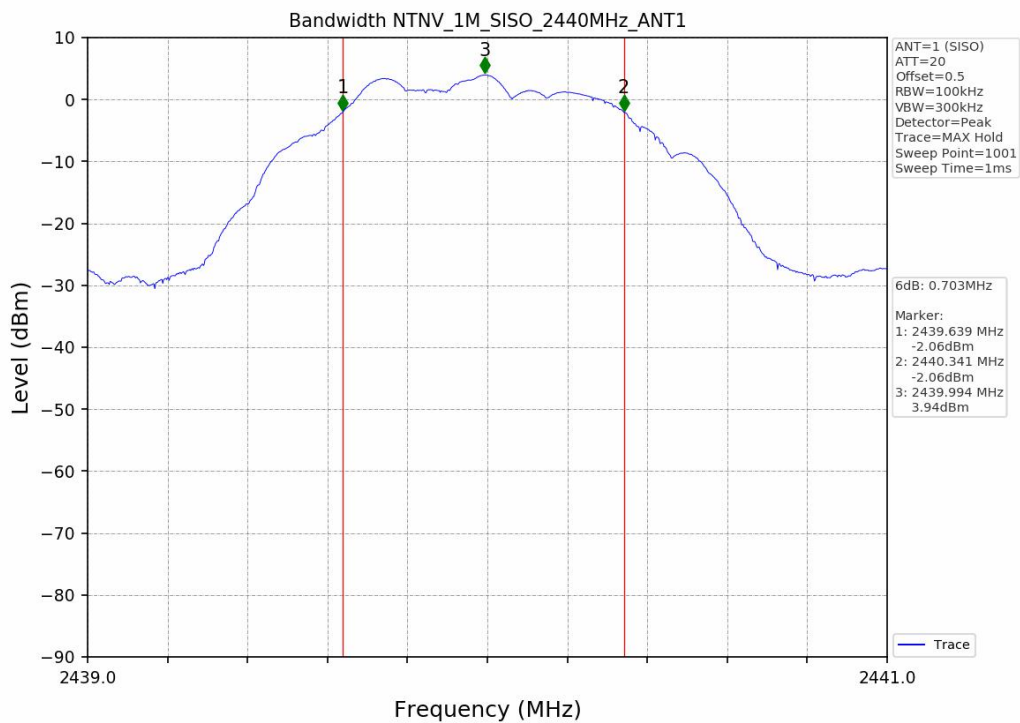
2.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth     | Verdict |
|-----------|-----------------|---------|---------|-------------------|---------|
|           |                 |         |         | Test Result (MHz) |         |
| 1M        | 2402            | SISO    | 1       | 0.577             | PASS    |
|           | 2440            | SISO    | 1       | 0.703             | PASS    |
|           | 2480            | SISO    | 1       | 0.553             | PASS    |

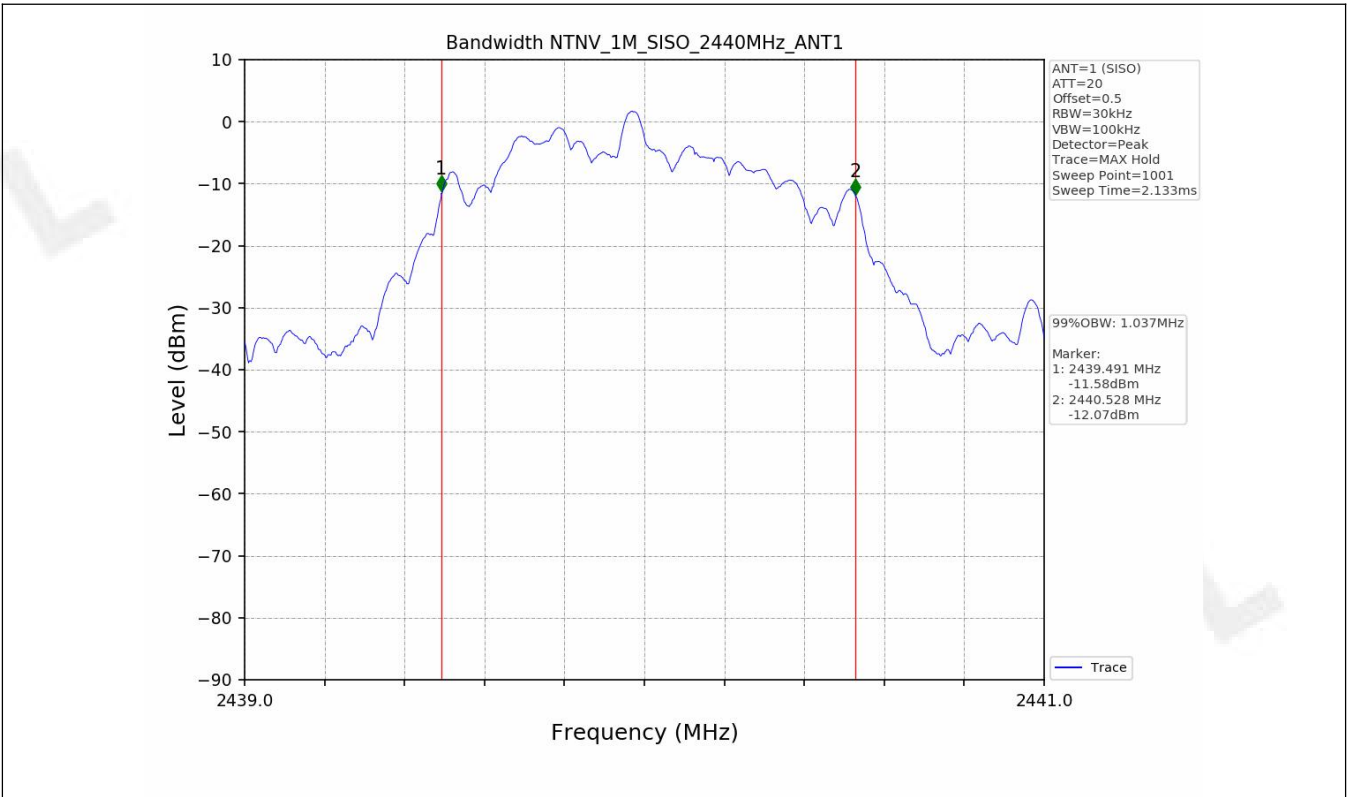
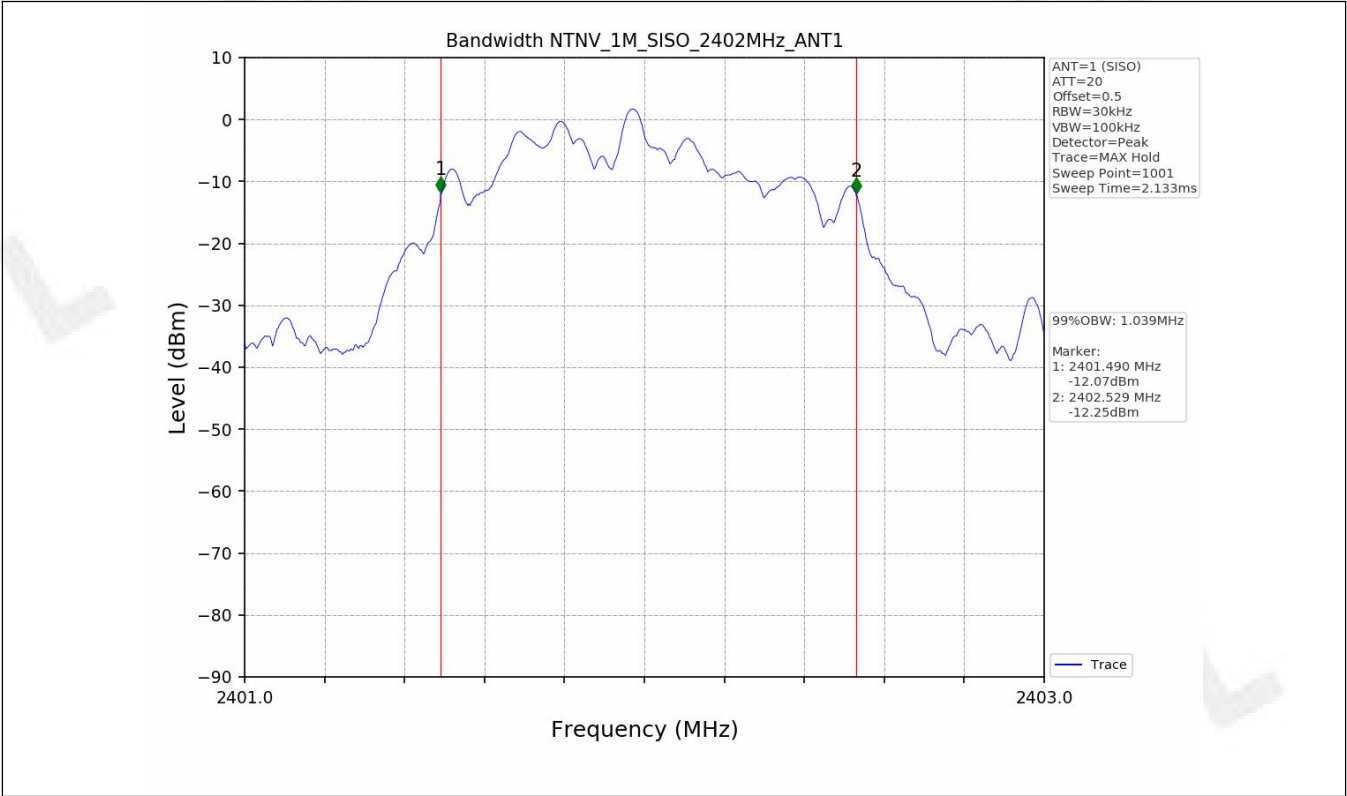
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|-----------|-----------------|---------|---------|------------------------|---------------------|
|           |                 |         |         | Test Result (MHz)      |                     |
| 1M        | 2402            | SISO    | 1       | 1.039                  | Only for Report Use |
|           | 2440            | SISO    | 1       | 1.037                  | Only for Report Use |
|           | 2480            | SISO    | 1       | 1.046                  | Only for Report Use |

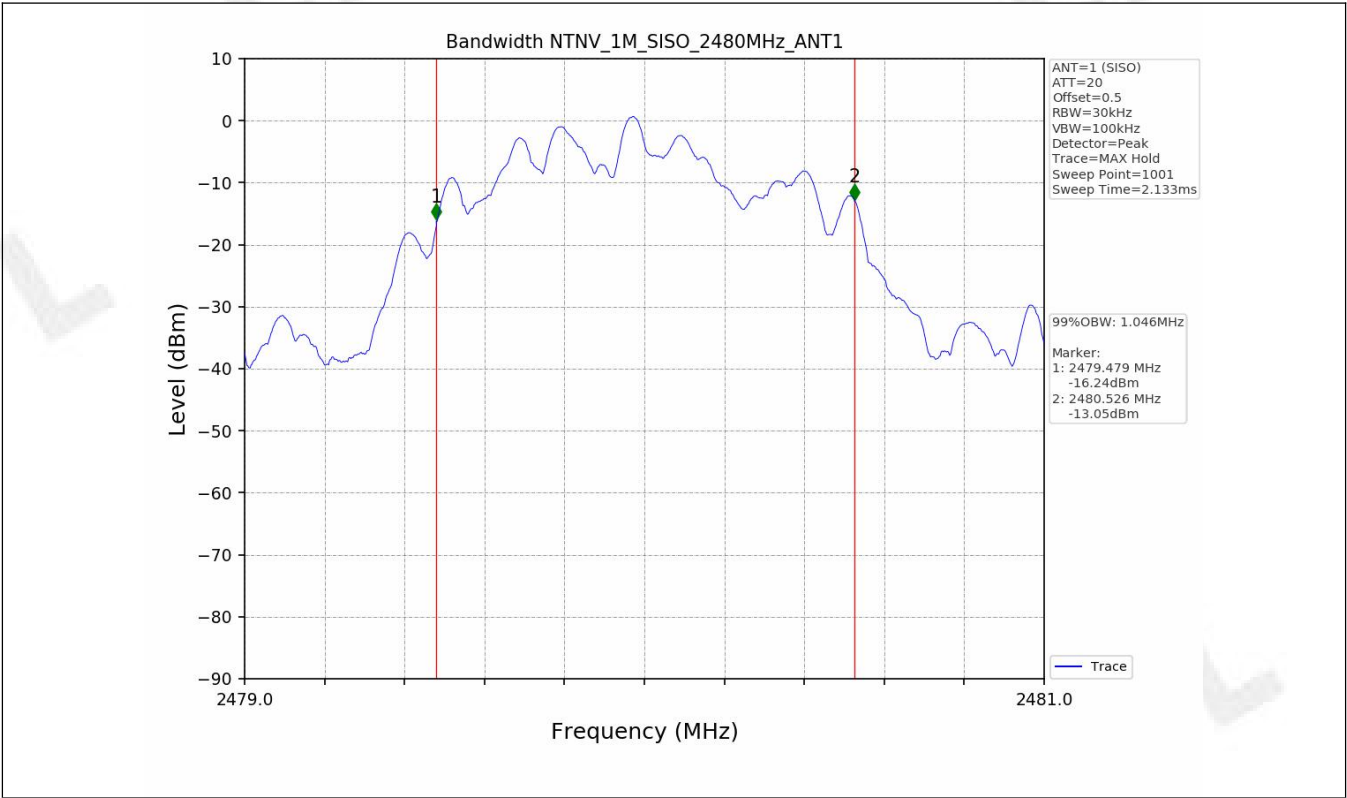
2.2 Test Graph - 6dB Bandwidth





2.3 Test Graph - 99% Occupied Bandwidth



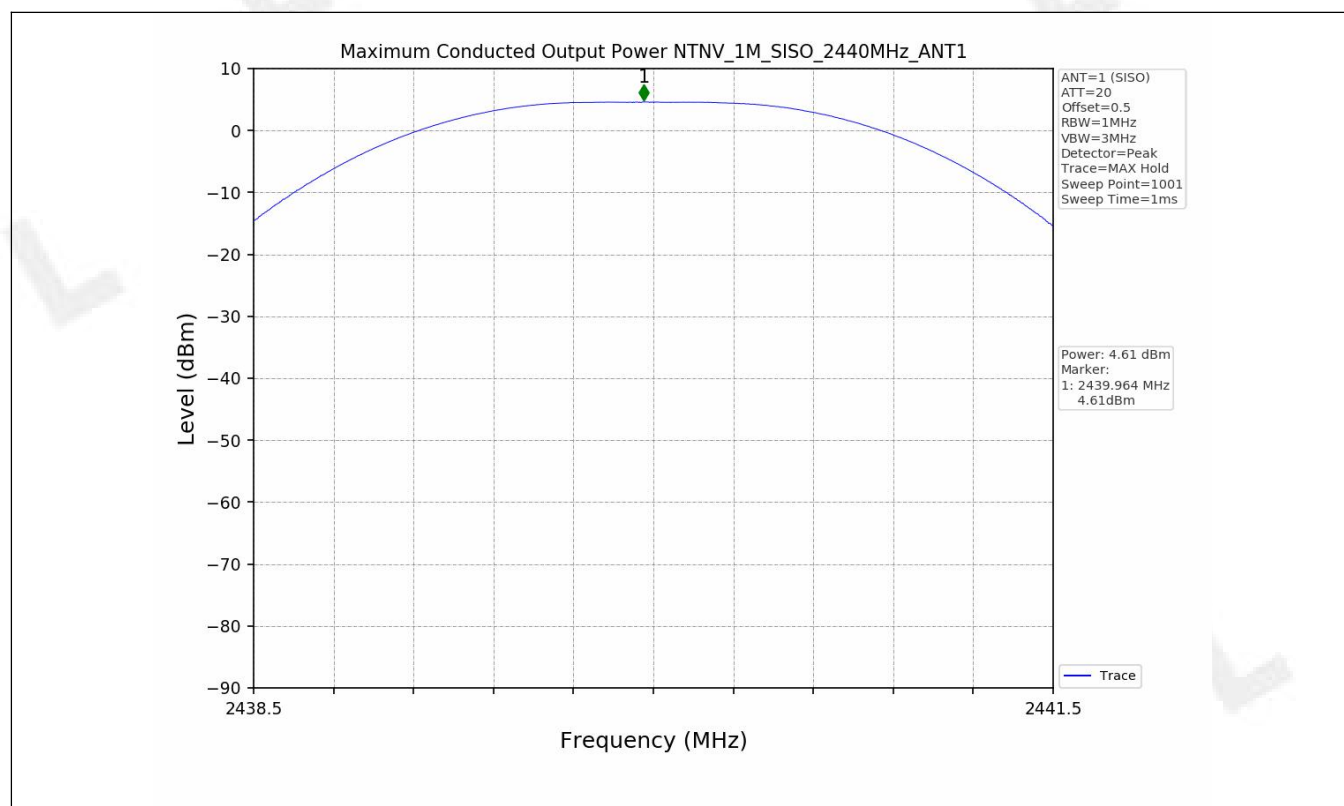
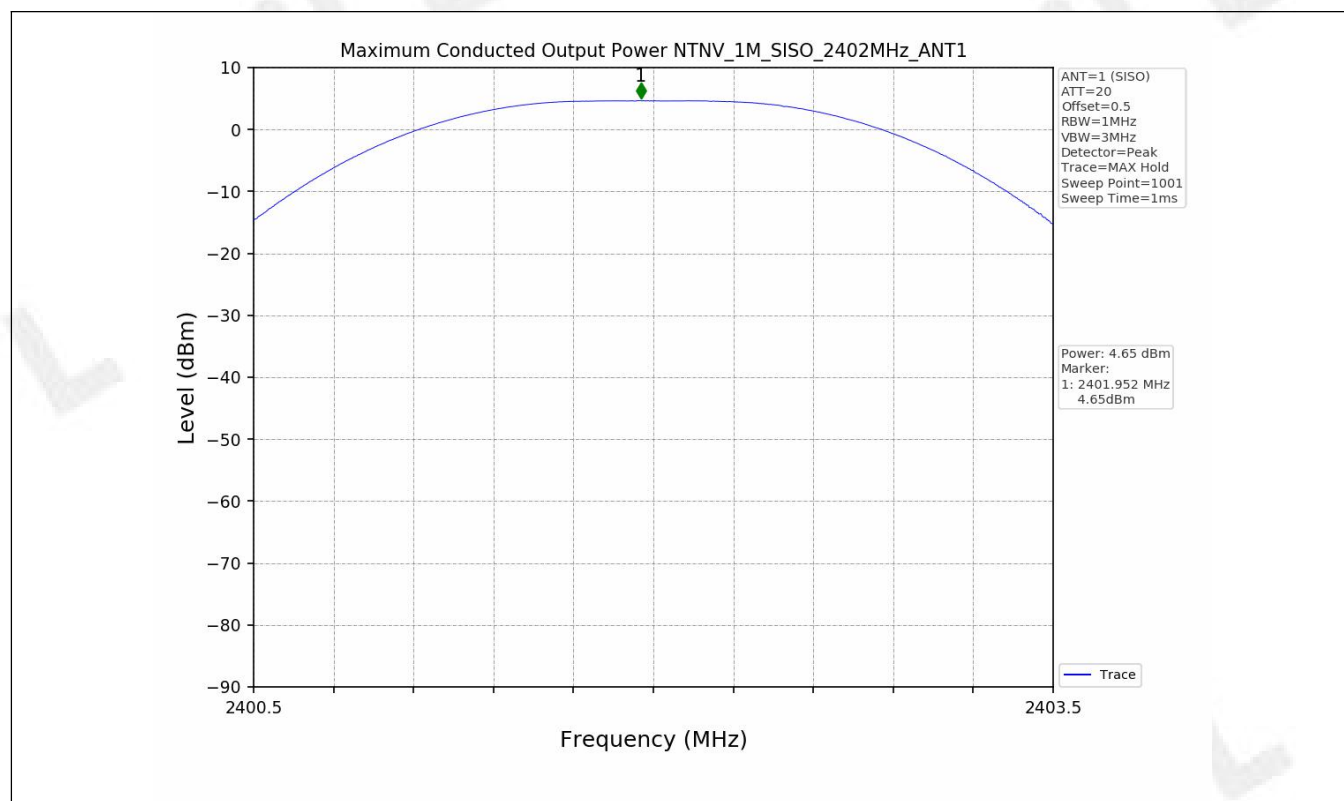


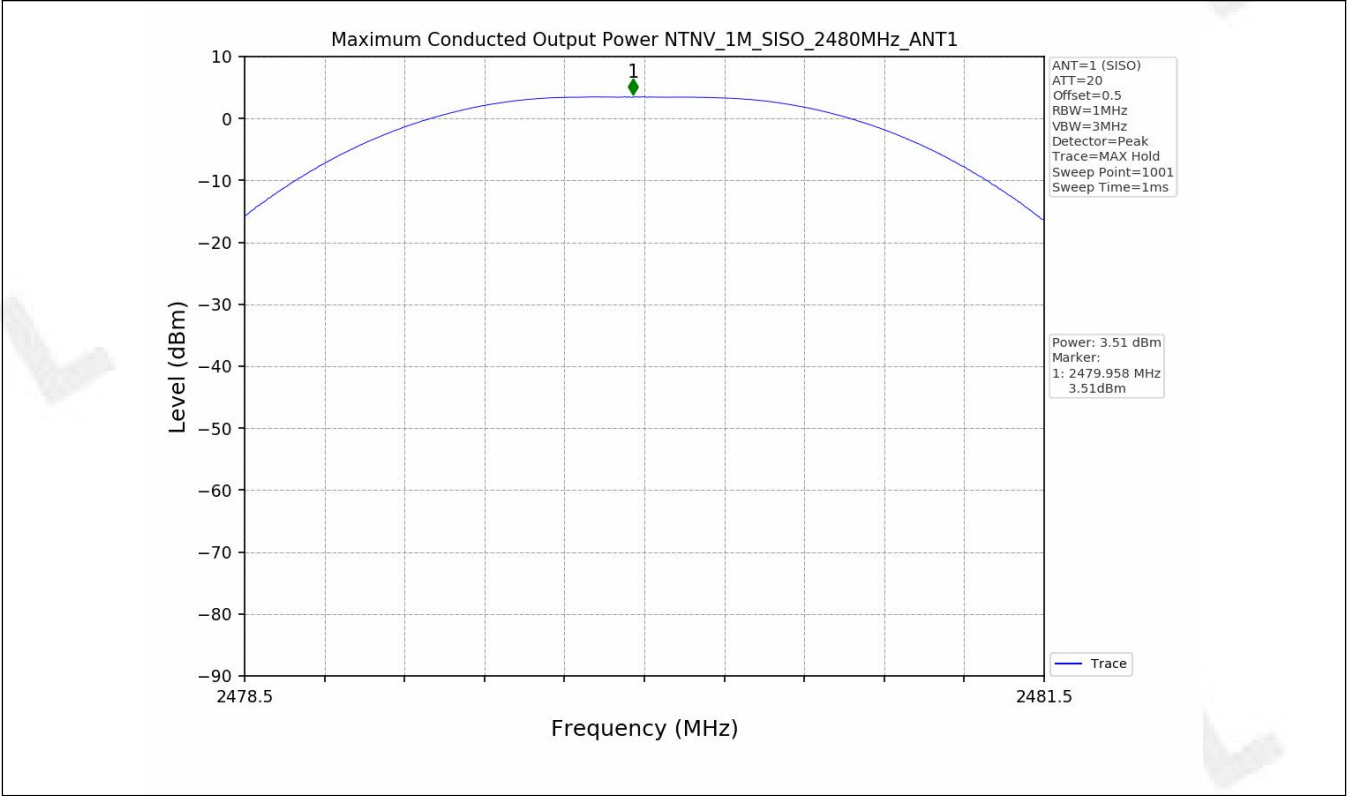
3. Maximum Conducted Output Power

3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak<br>Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|-------------------------------------|--------------|---------|
|           |                 |         | Ant 1                               |              |         |
| 1M        | 2402            | SISO    | 4.65                                | 30           | PASS    |
|           | 2440            | SISO    | 4.61                                | 30           | PASS    |
|           | 2480            | SISO    | 3.51                                | 30           | PASS    |

3.2 Test Graph



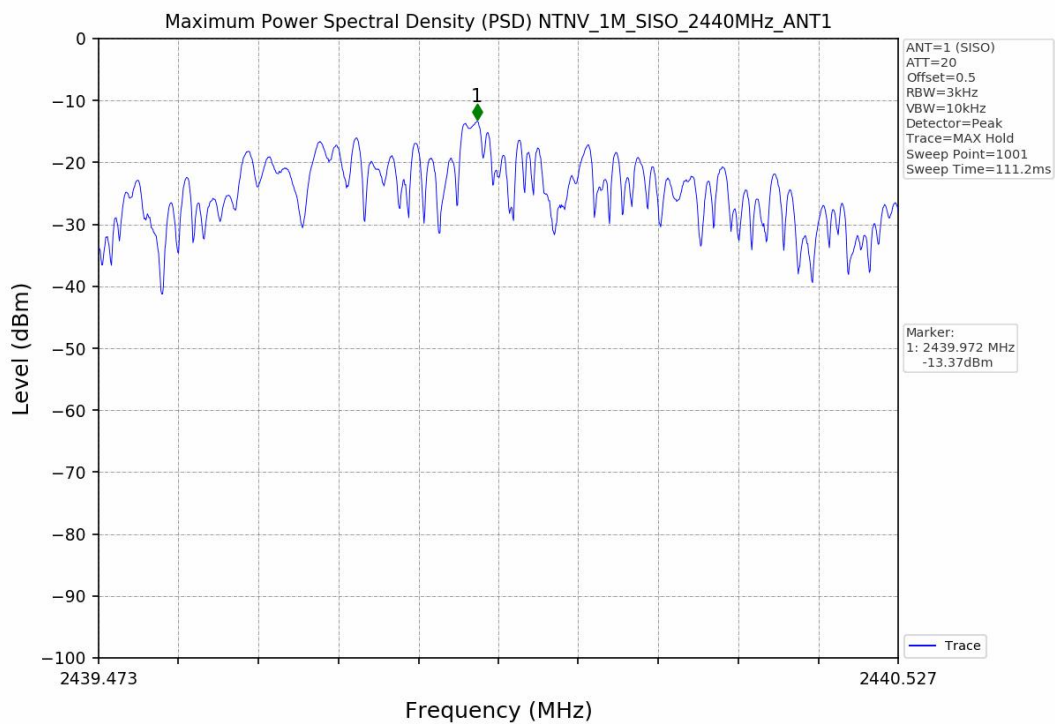
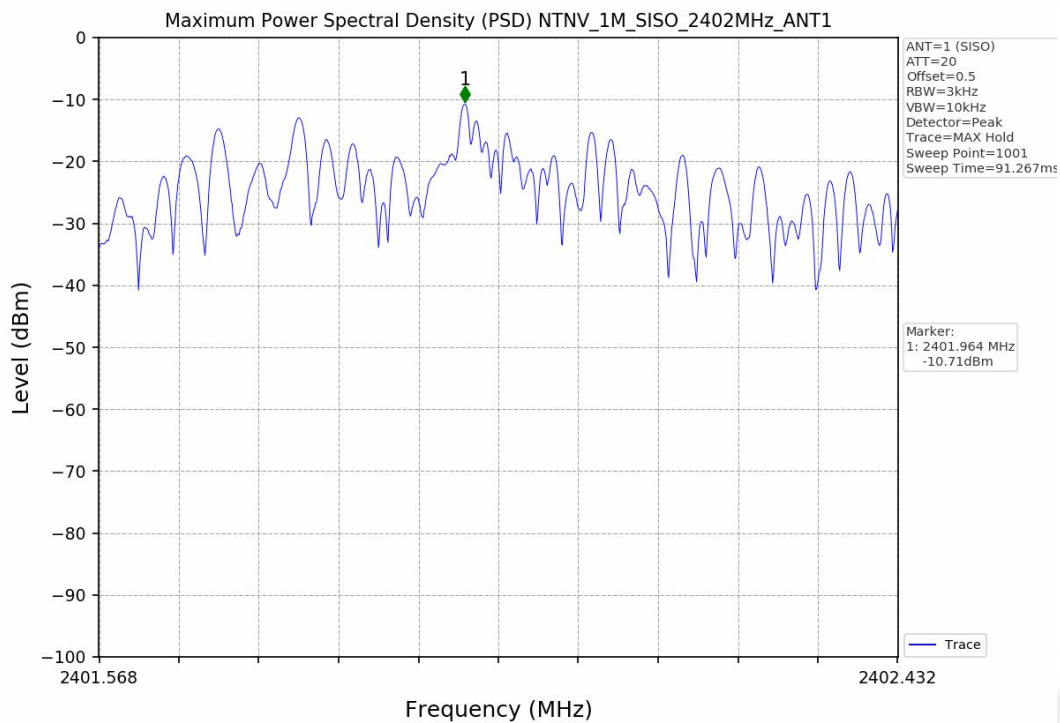


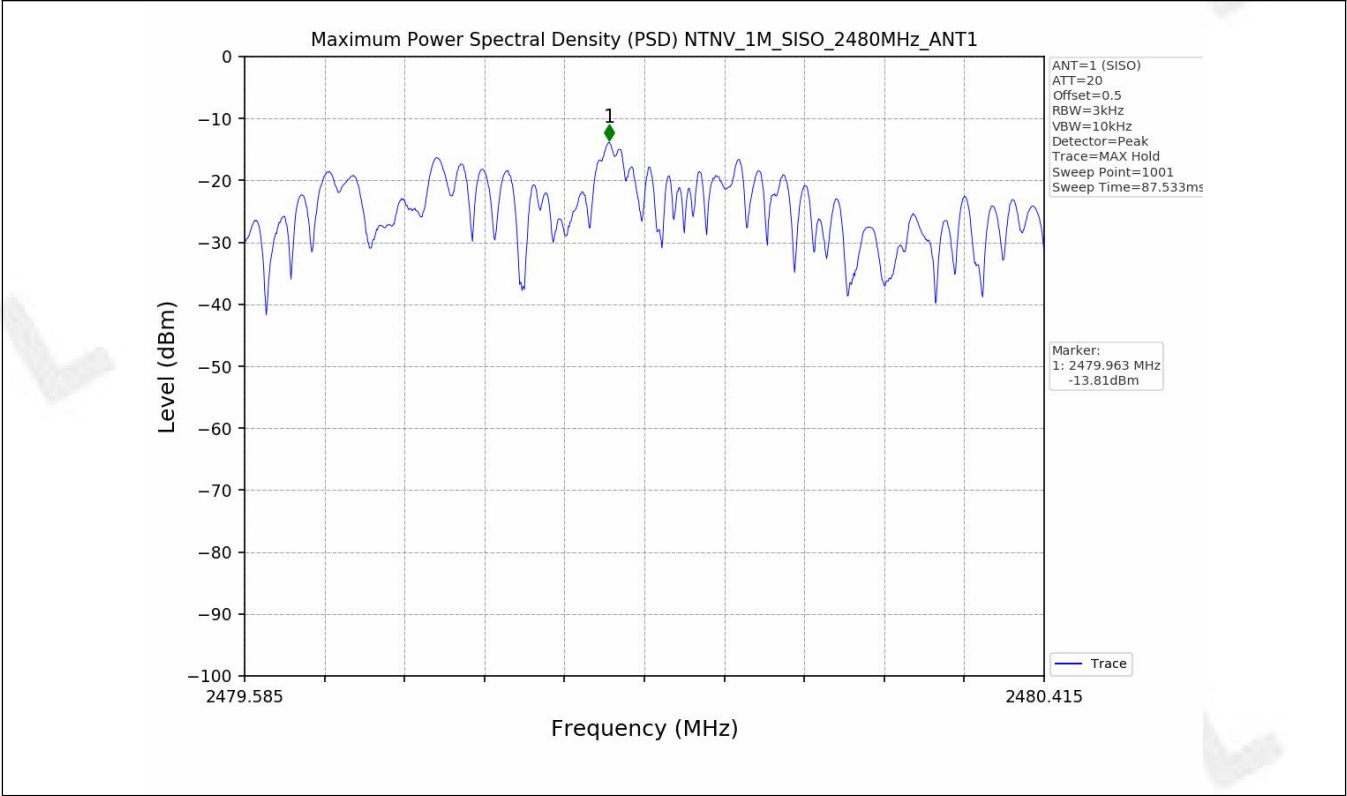
#### 4. Maximum Power Spectral Density (PSD)

##### 4.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/3KHz) | Limits (dBm/3kHz) | Verdict |
|-----------|-----------------|---------|-------------------------------------------|-------------------|---------|
|           |                 |         | Ant 1                                     |                   |         |
| 1M        | 2402            | SISO    | -10.71                                    | ≤8                | PASS    |
|           | 2440            | SISO    | -13.37                                    | ≤8                | PASS    |
|           | 2480            | SISO    | -13.81                                    | ≤8                | PASS    |

##### 4.2 Test Graph



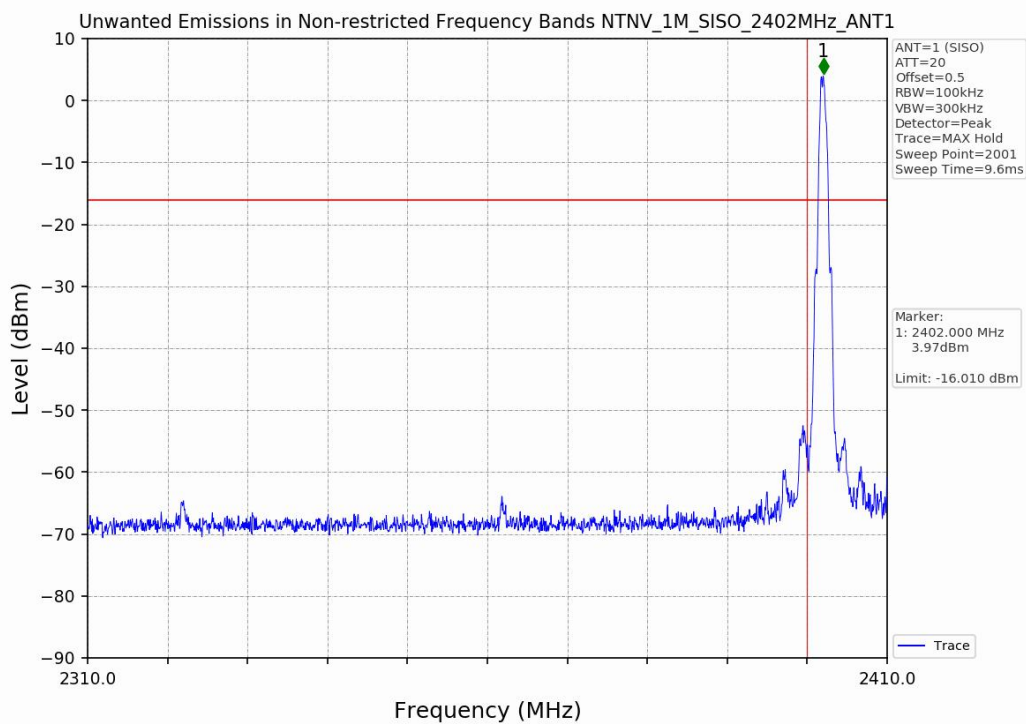
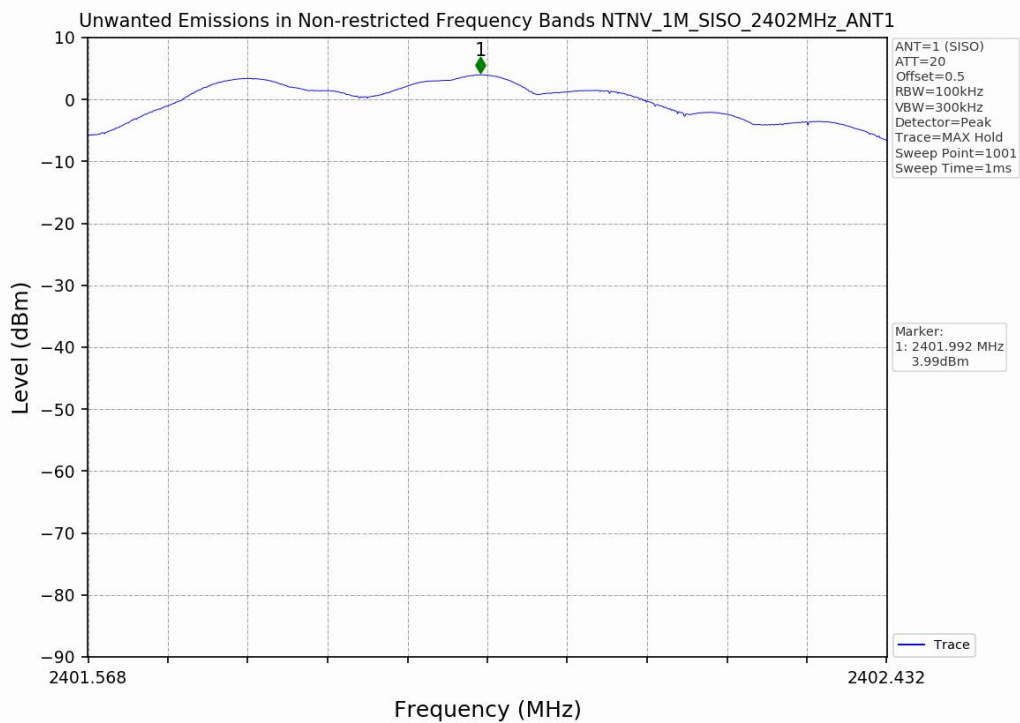


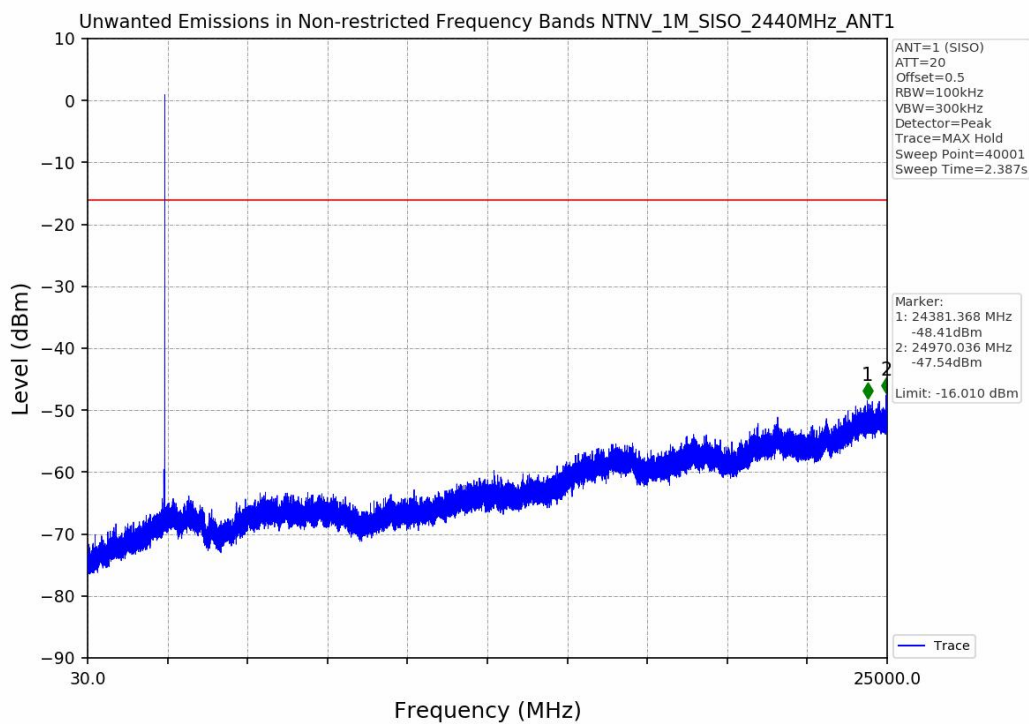
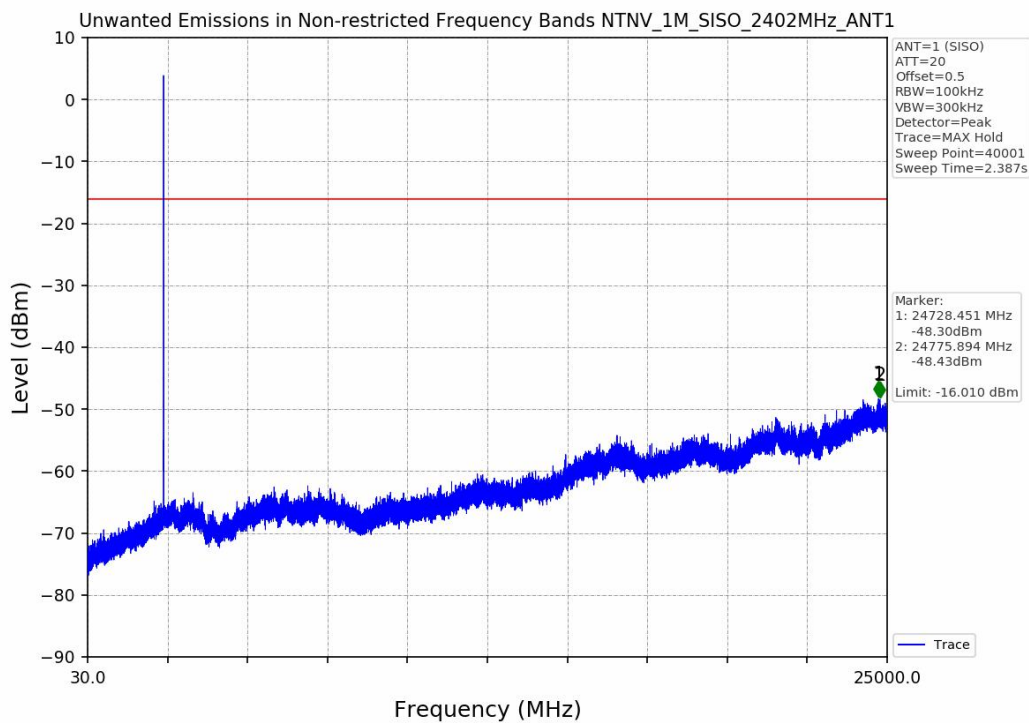
5. Unwanted Emissions in Non-restricted Frequency Bands

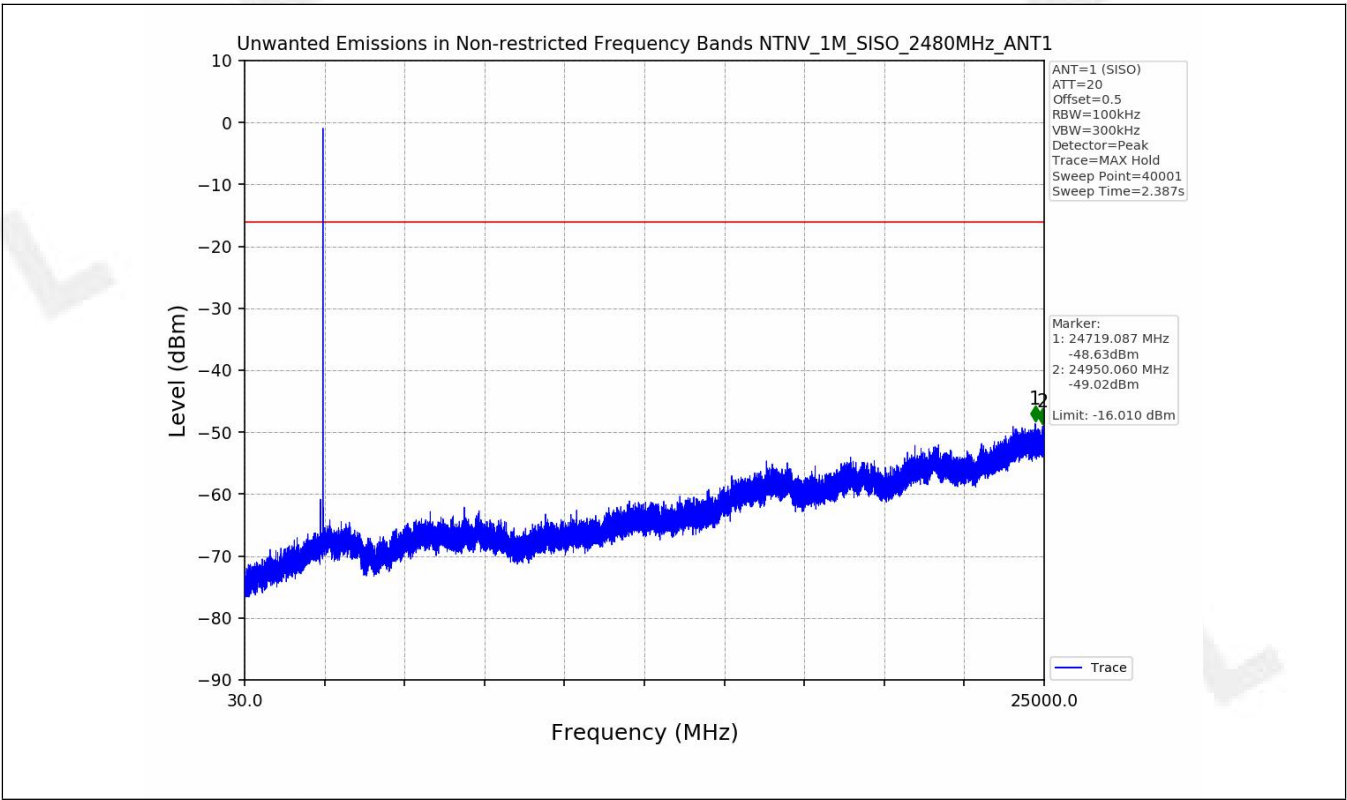
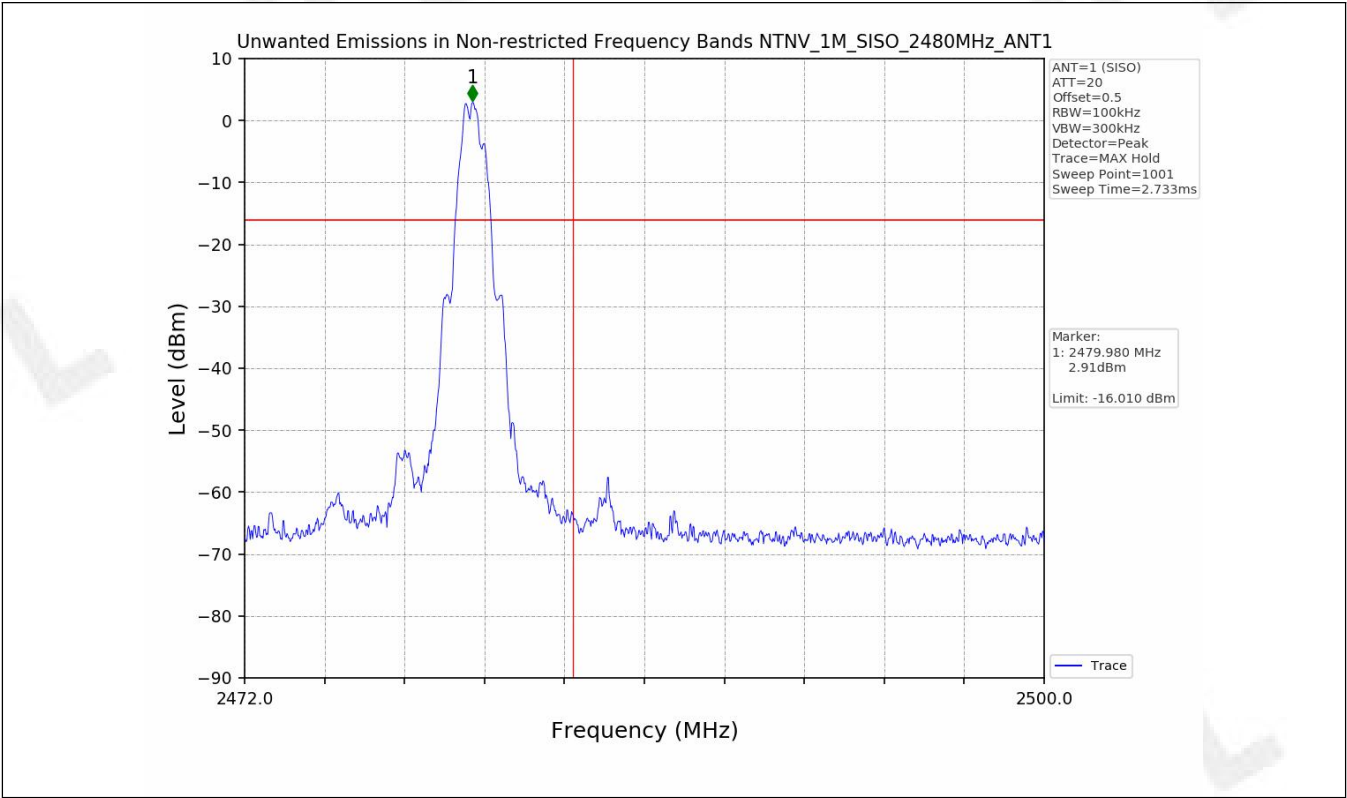
5.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | Spurious Conducted Emission (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| 1M        | 2402            | SISO    | 1       | Refer to test graph               | -16.01       | PASS    |
|           | 2440            | SISO    | 1       | Refer to test graph               | -16.01       | PASS    |
|           | 2480            | SISO    | 1       | Refer to test graph               | -16.01       | PASS    |

5.2 Test Graph







6. Frequency Error

6.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT | Measured Frequency (MHz) |             | Verdict |
|-----------|-----------------|---------|-----|--------------------------|-------------|---------|
|           |                 |         |     | Test Result              | Limit       |         |
| 1M        | 2402            | SISO    | 1   | 2401.99                  | 2400-2483.5 | PASS    |
|           | 2440            | SISO    | 1   | 2439.98                  | 2400-2483.5 | PASS    |
|           | 2480            | SISO    | 1   | 2480.00                  | 2400-2483.5 | PASS    |

6.2 Test Graph

