

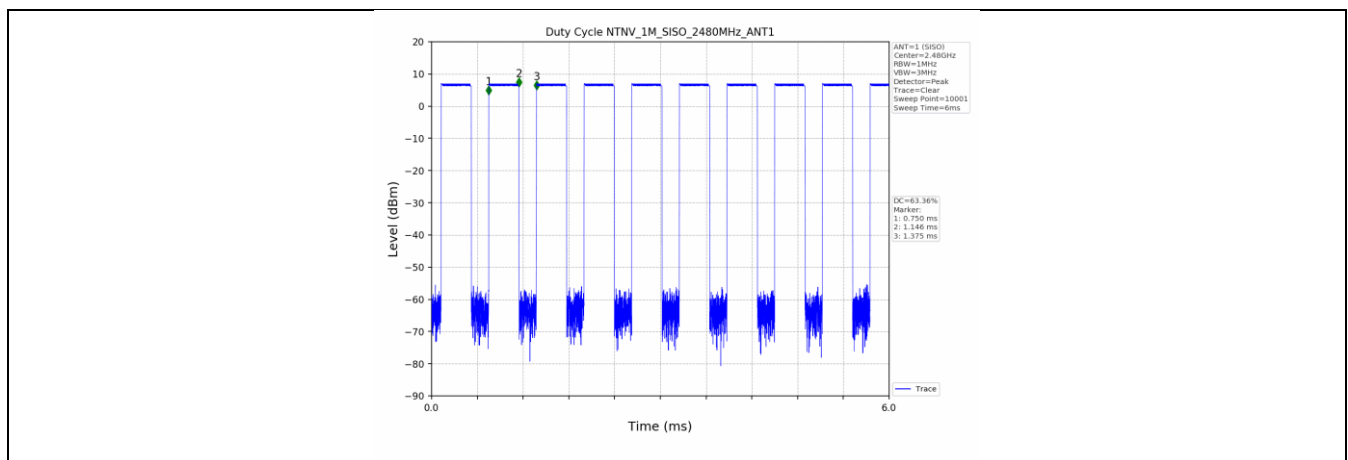
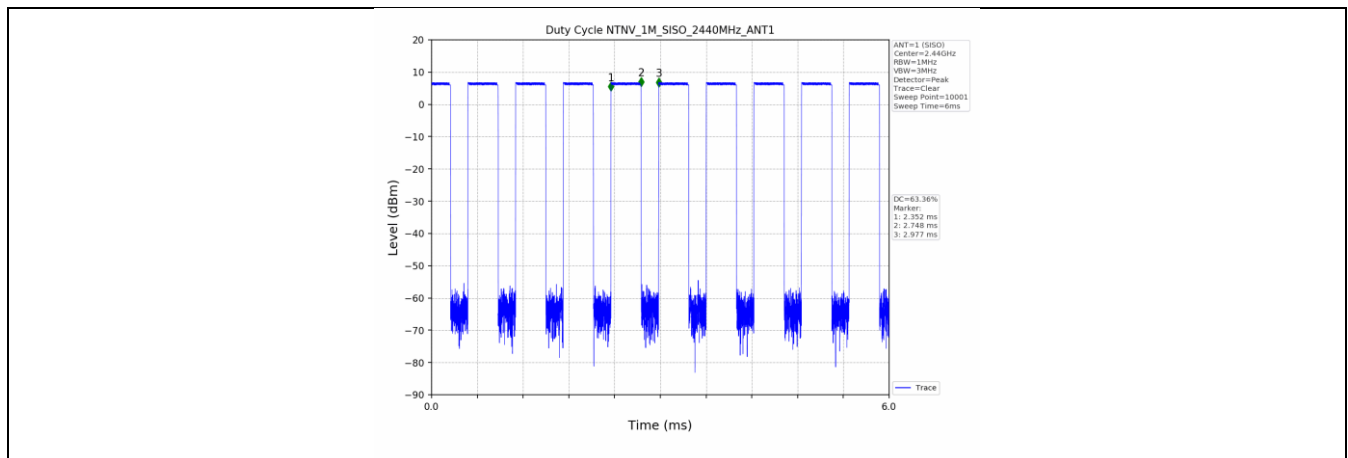
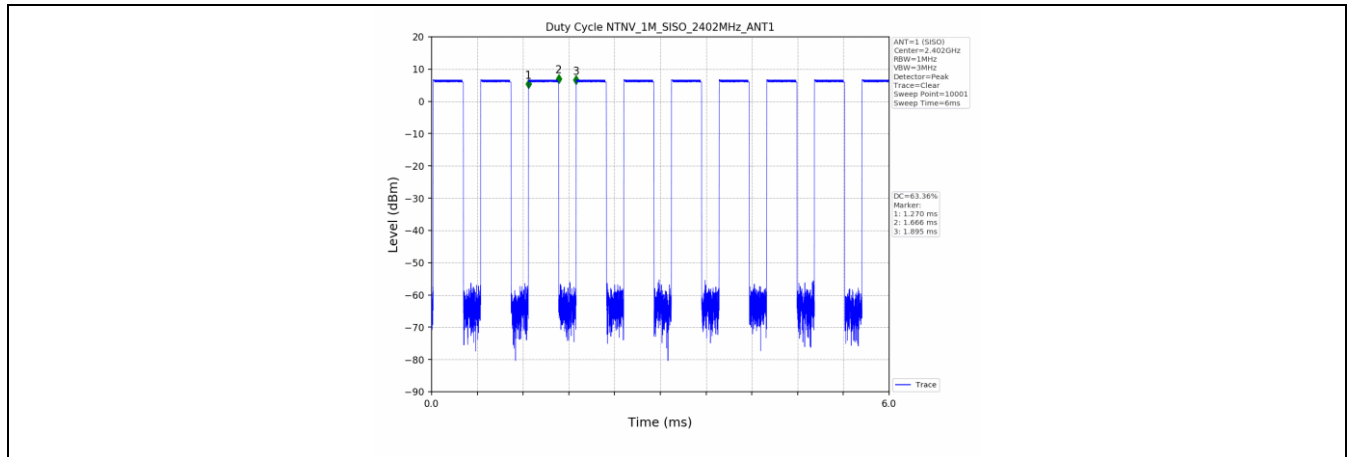
## Appendix for 15.247

### 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) |
|-----------|-------------------------|---------|---------|-----------|-------------|----------------|-----------------------------------|
| 1M        | 2402                    | SISO    | 1       | 0.396     | 0.625       | 63.36          | 1.98                              |
|           | 2440                    | SISO    | 1       | 0.396     | 0.625       | 63.36          | 1.98                              |
|           | 2480                    | SISO    | 1       | 0.396     | 0.625       | 63.36          | 1.98                              |

## 1.2 Test Graph



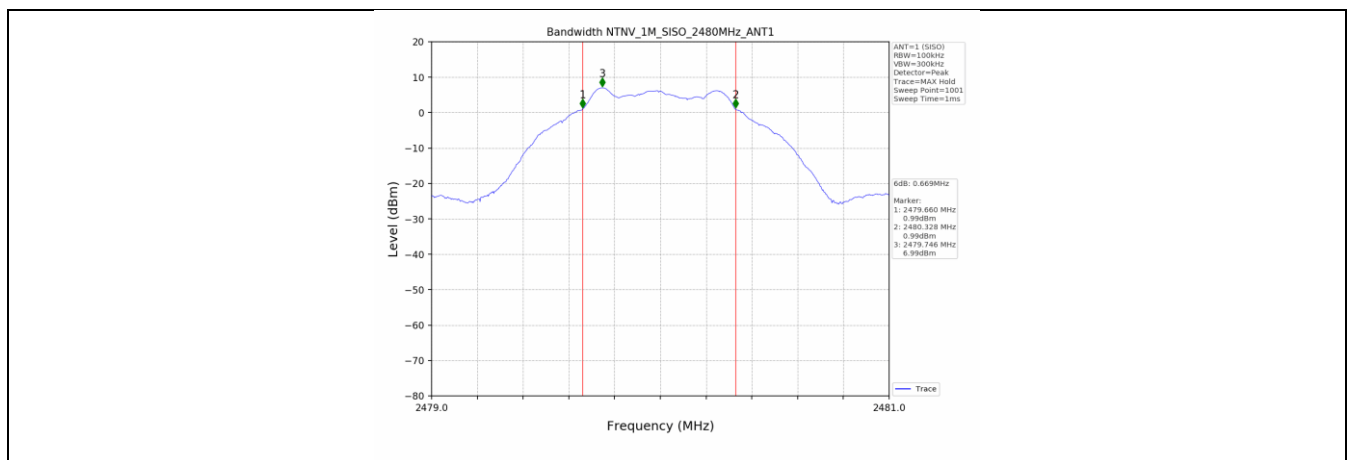
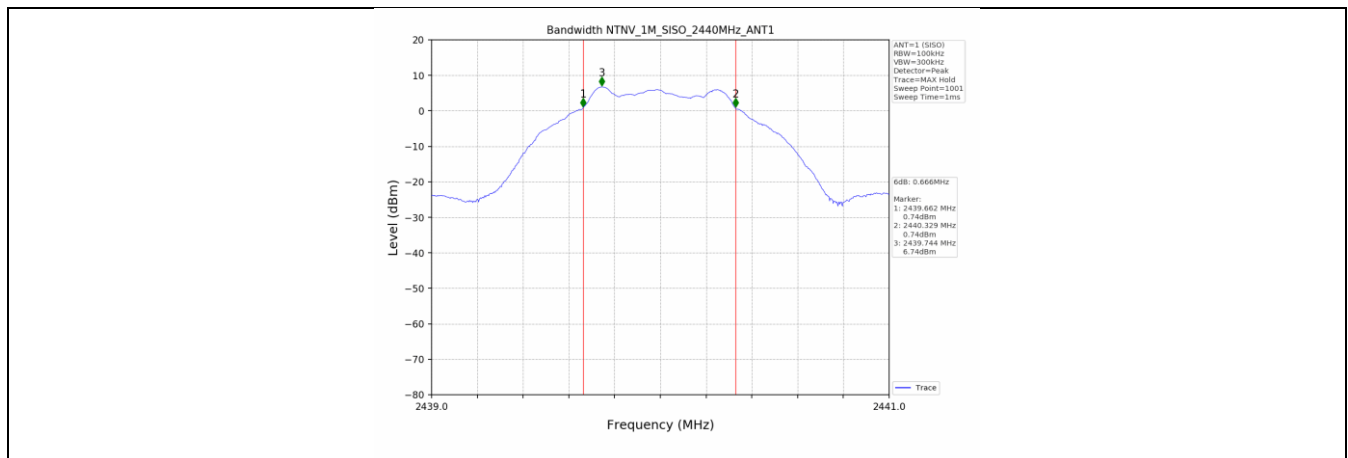
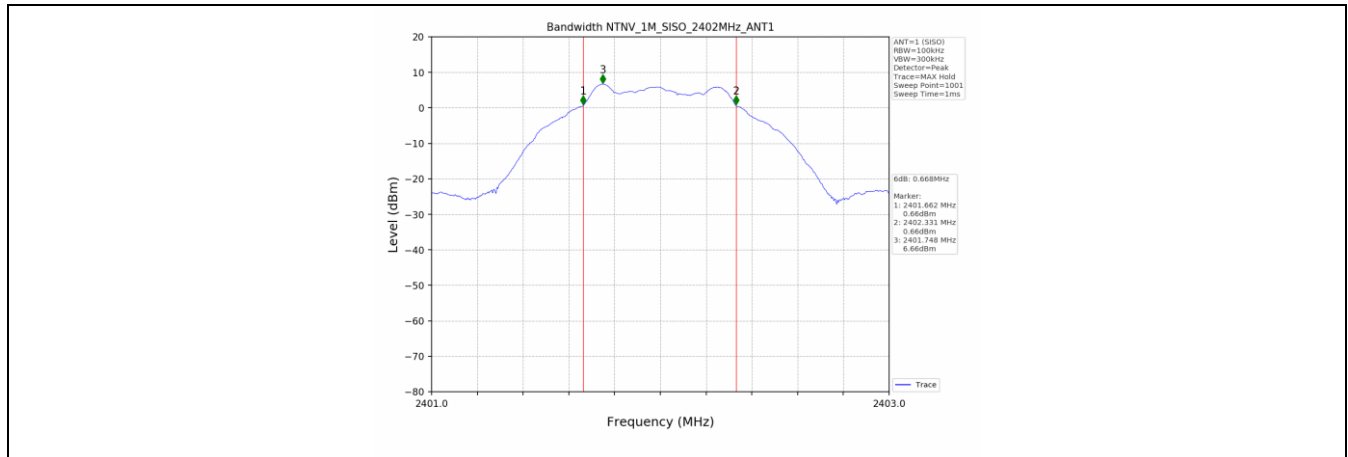
## 2. Bandwidth

### 2.1 Test Result

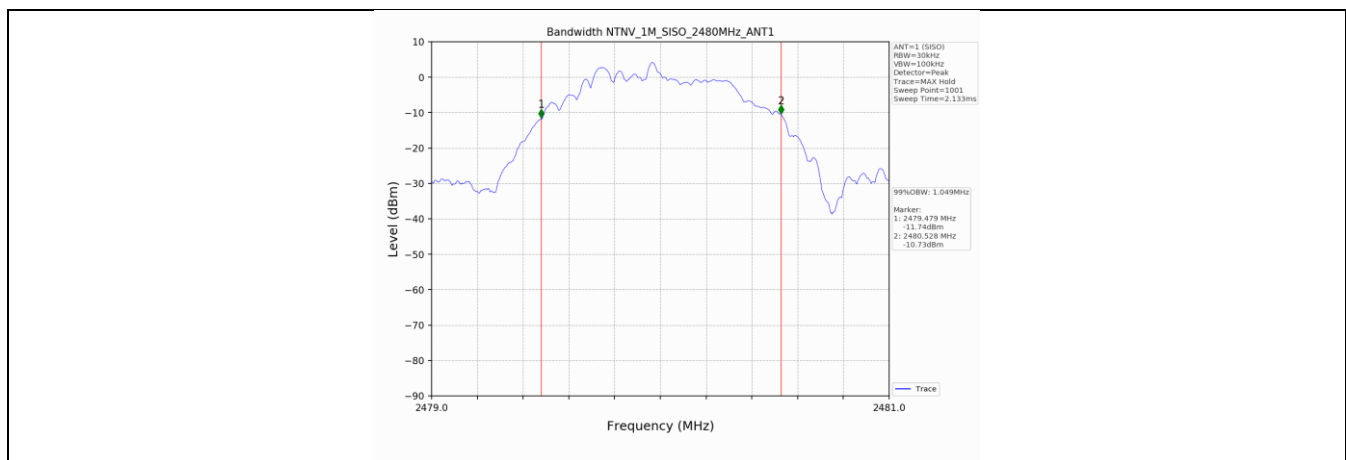
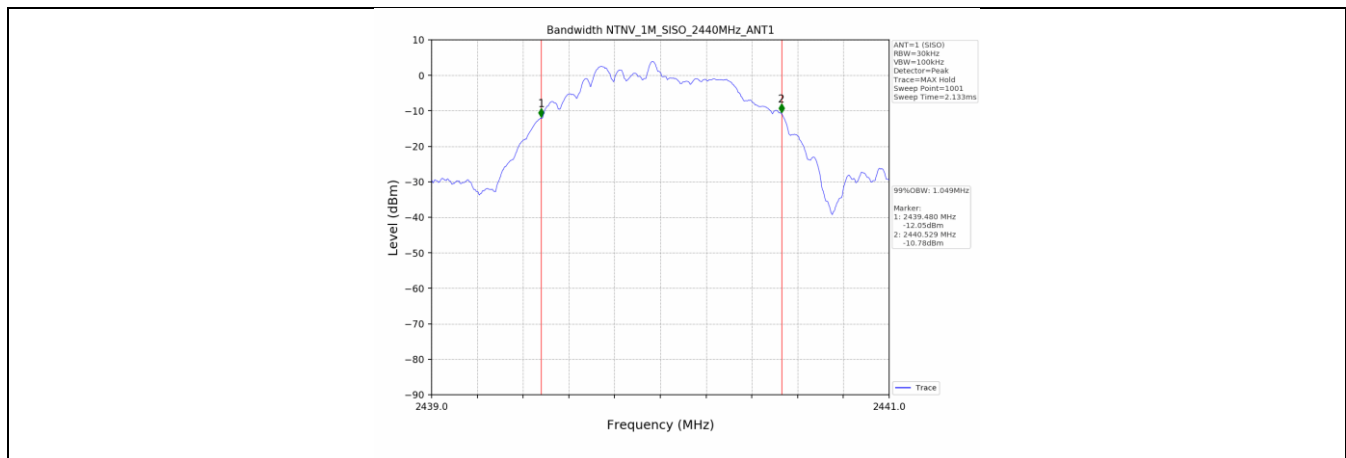
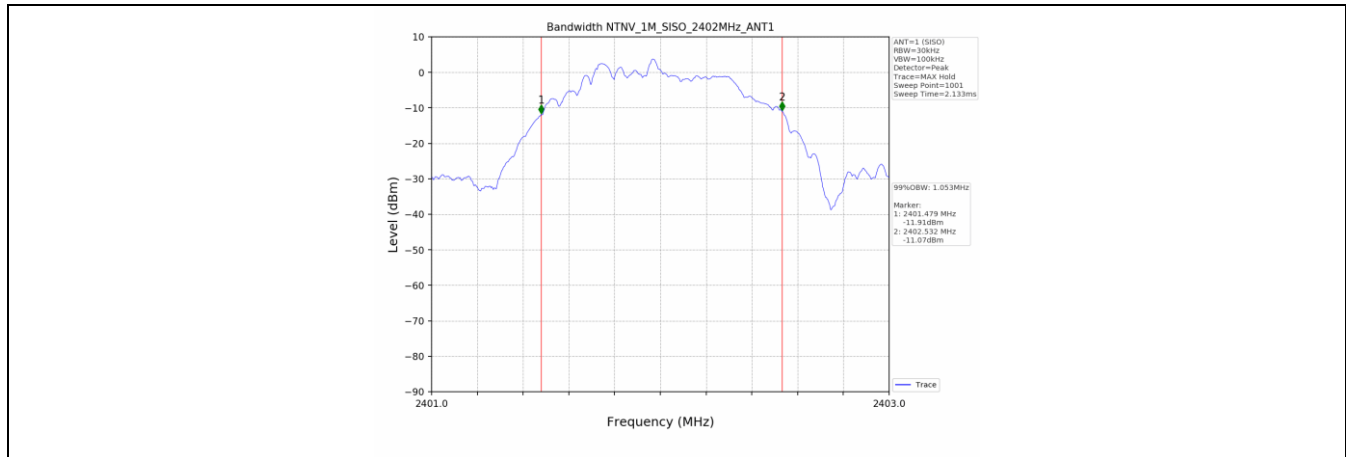
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth     | Verdict |
|-----------|-----------------|---------|---------|-------------------|---------|
|           |                 |         |         | Test Result (MHz) |         |
| 1M        | 2402            | SISO    | 1       | 0.668             | PASS    |
|           | 2440            | SISO    | 1       | 0.666             | PASS    |
|           | 2480            | SISO    | 1       | 0.669             | PASS    |

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|-----------|-----------------|---------|---------|------------------------|---------------------|
|           |                 |         |         | Test Result (MHz)      |                     |
| 1M        | 2402            | SISO    | 1       | 1.053                  | Only for Report Use |
|           | 2440            | SISO    | 1       | 1.049                  | Only for Report Use |
|           | 2480            | SISO    | 1       | 1.049                  | Only for Report Use |

## 2.2 Test Graph - 6dB Bandwidth



## 2.3 Test Graph - 99% Occupied Bandwidth

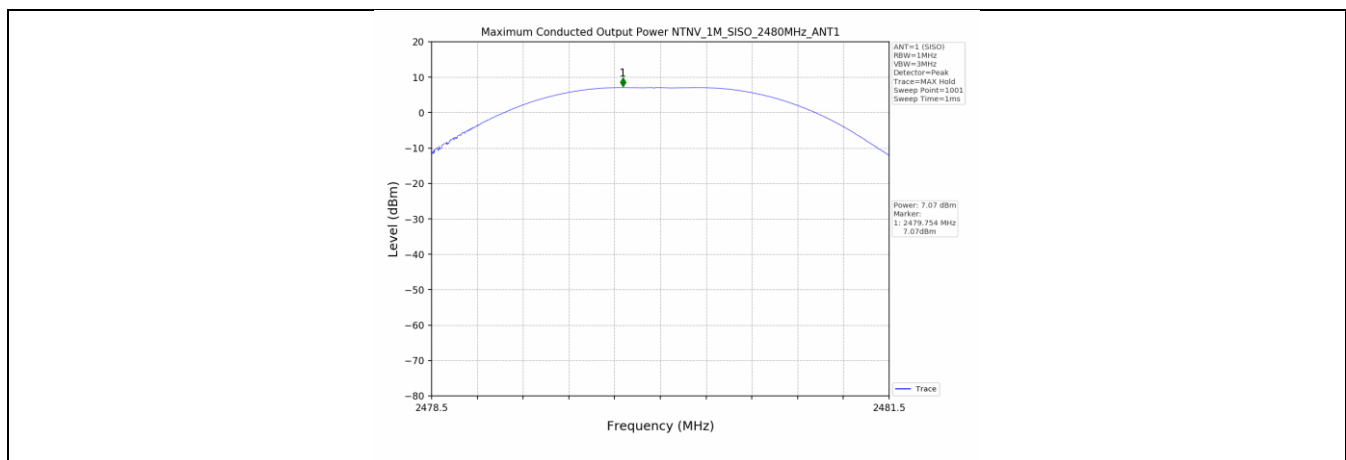
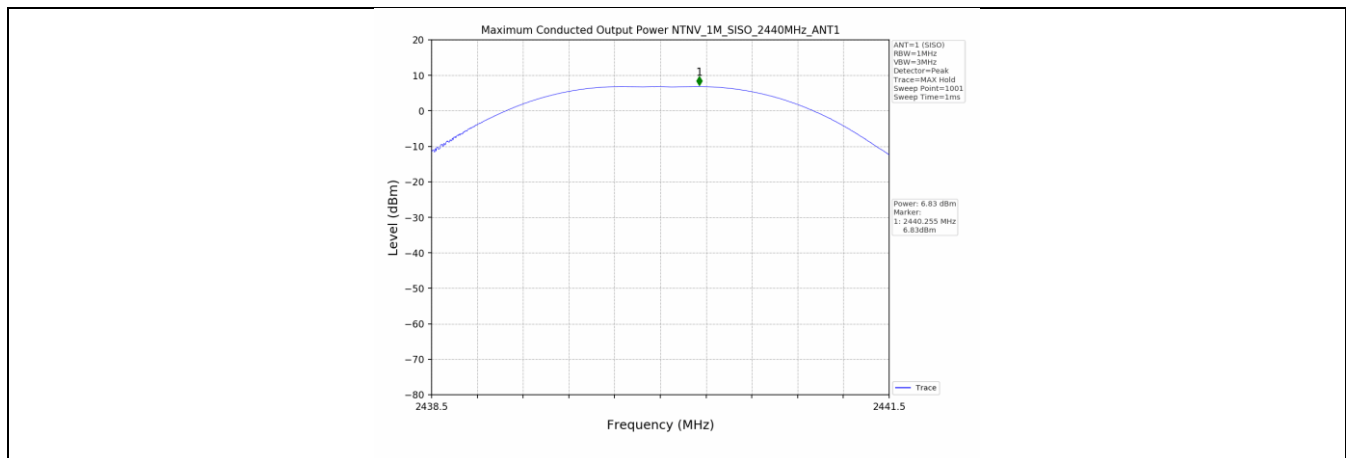
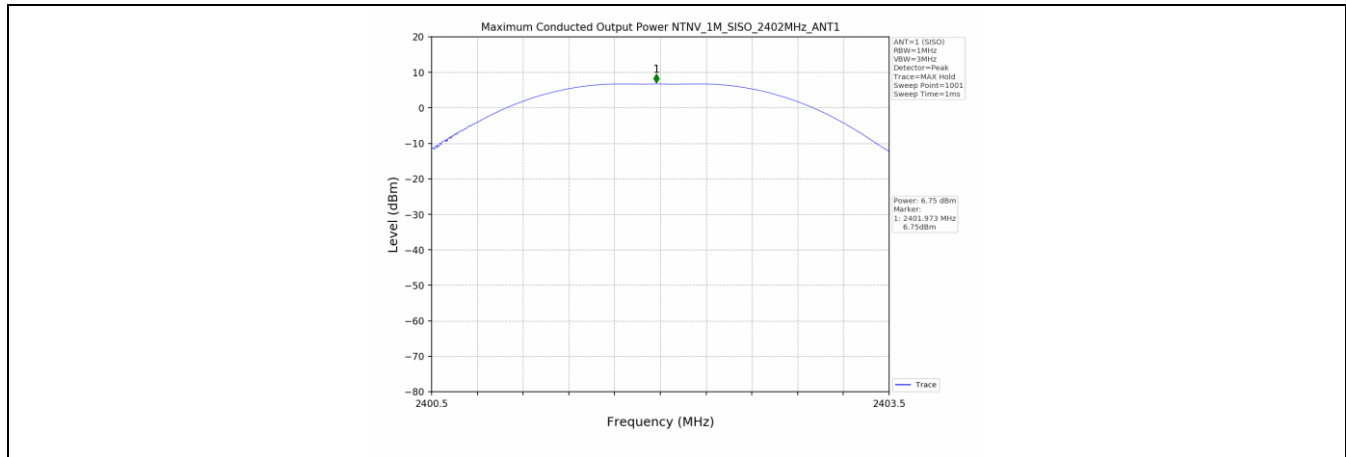


### 3. Maximum Conducted Output Power

#### 3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|----------------------------------|--------------|---------|
|           |                 |         | Ant 1                            |              |         |
| 1M        | 2402            | SISO    | 6.75                             | 30           | PASS    |
|           | 2440            | SISO    | 6.83                             | 30           | PASS    |
|           | 2480            | SISO    | 7.07                             | 30           | PASS    |

## 3.2 Test Graph

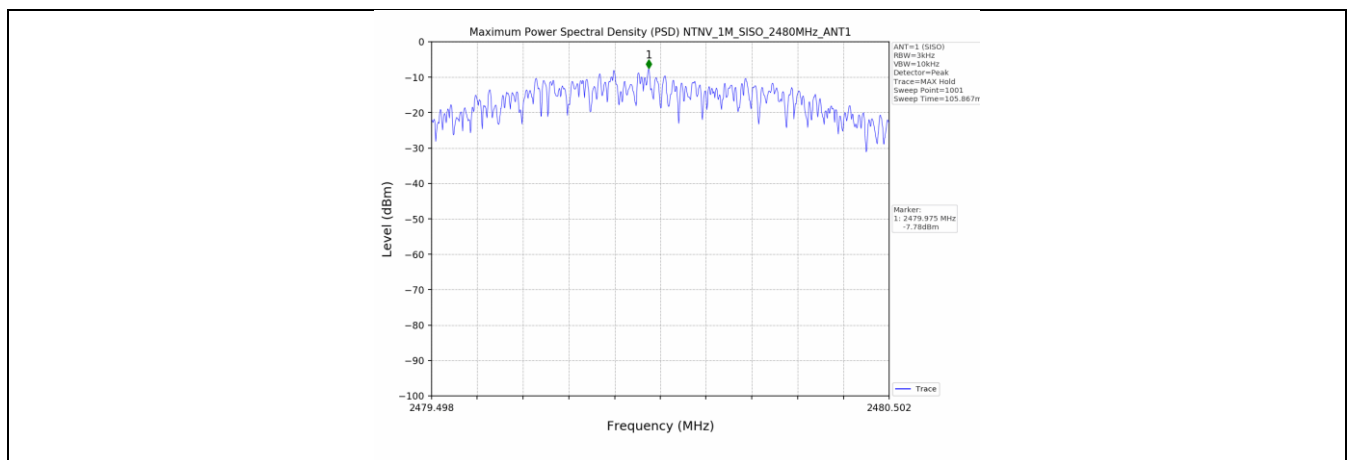
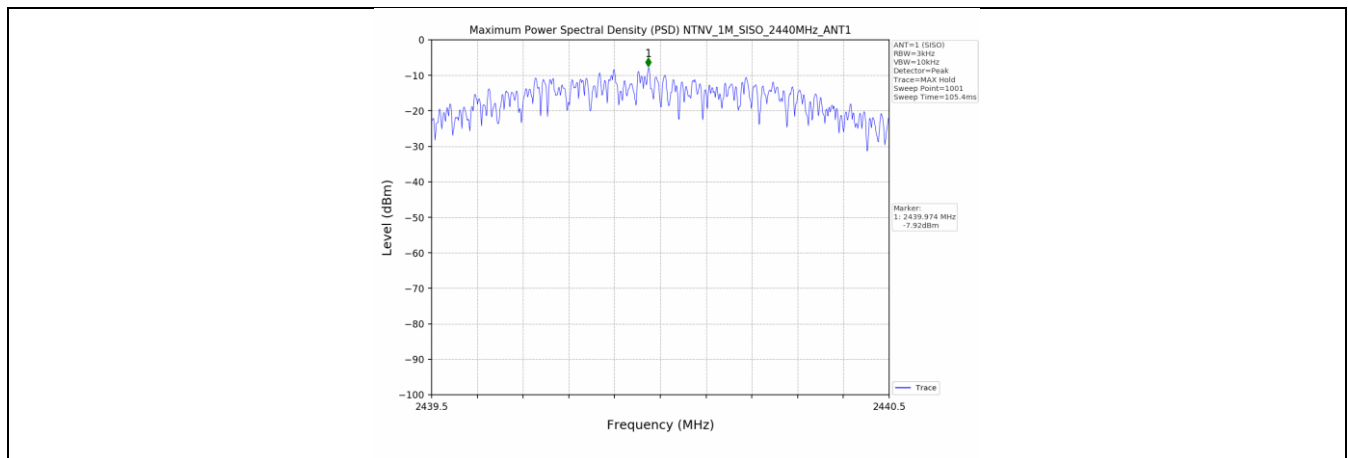
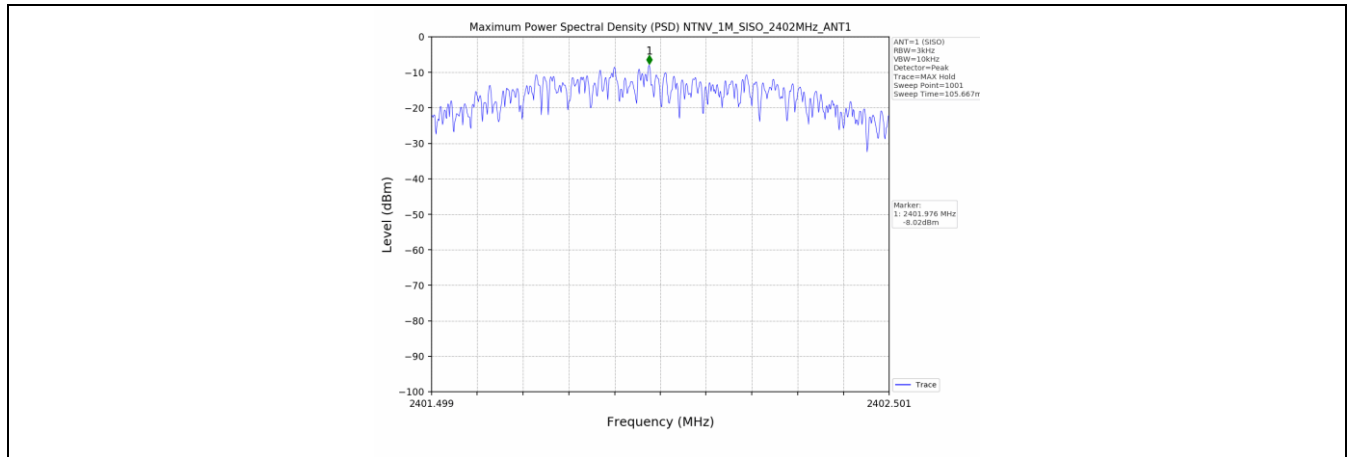


## 4. Maximum Power Spectral Density (PSD)

### 4.1 Test Result

| Test Mode | Frequency<br>(MHz) | Tx Type | Maximum Power<br>Spectral Density<br>(dBm/3KHz) | Limits<br>(dBm/3kHz) | Verdict |
|-----------|--------------------|---------|-------------------------------------------------|----------------------|---------|
|           |                    |         | Ant 1                                           |                      |         |
| 1M        | 2402               | SISO    | -8.02                                           | ≤8                   | PASS    |
|           | 2440               | SISO    | -7.92                                           | ≤8                   | PASS    |
|           | 2480               | SISO    | -7.78                                           | ≤8                   | PASS    |

## 4.2 Test Graph

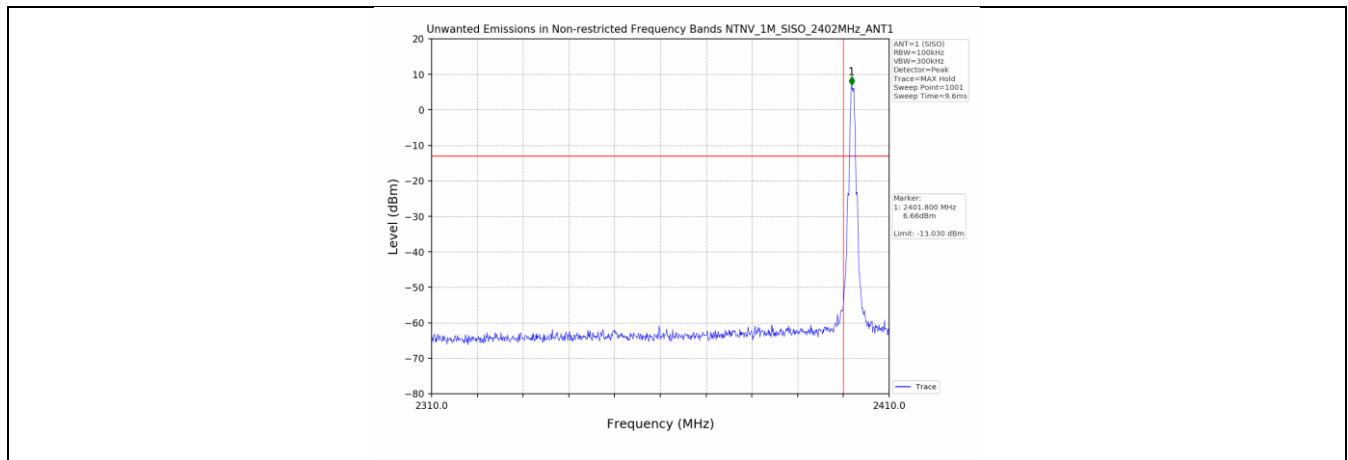
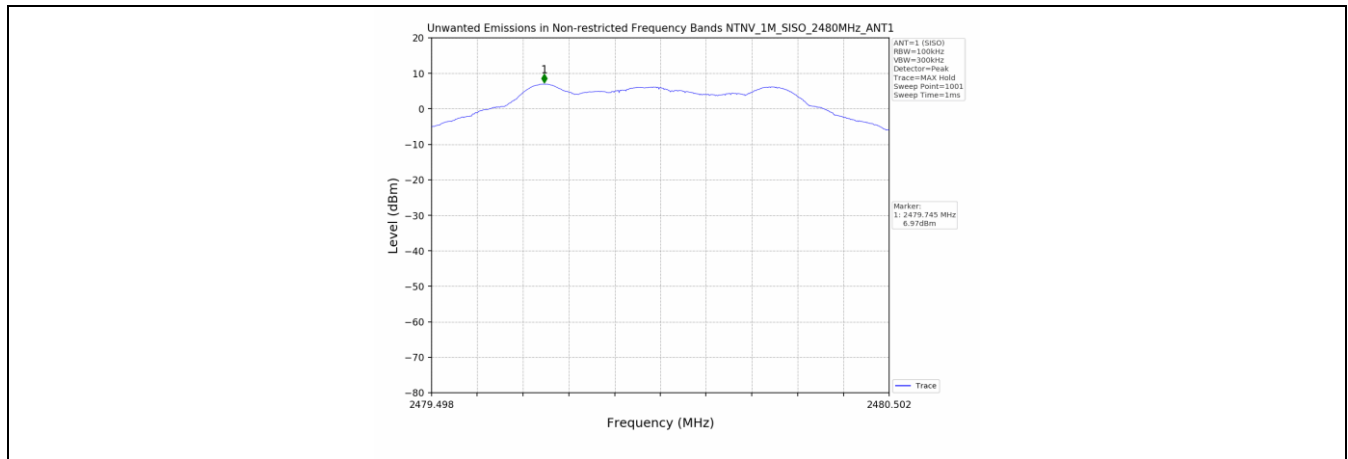


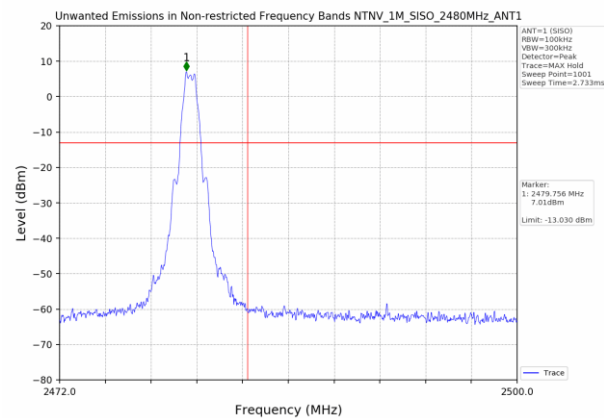
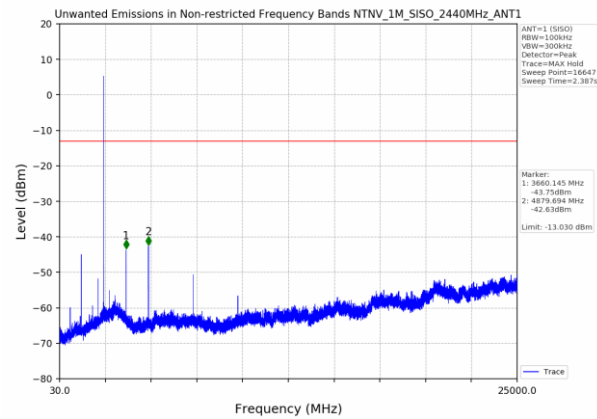
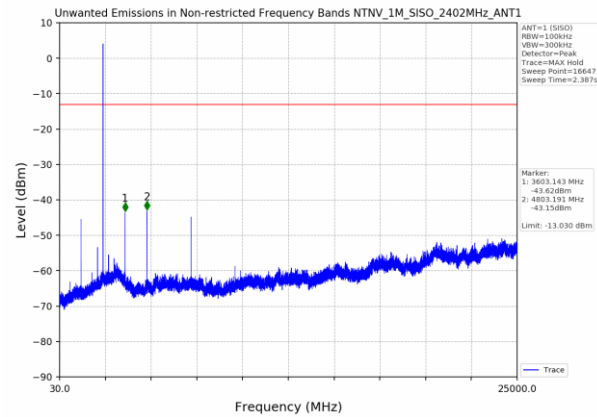
## 5. Unwanted Emissions in Non-restricted Frequency Bands

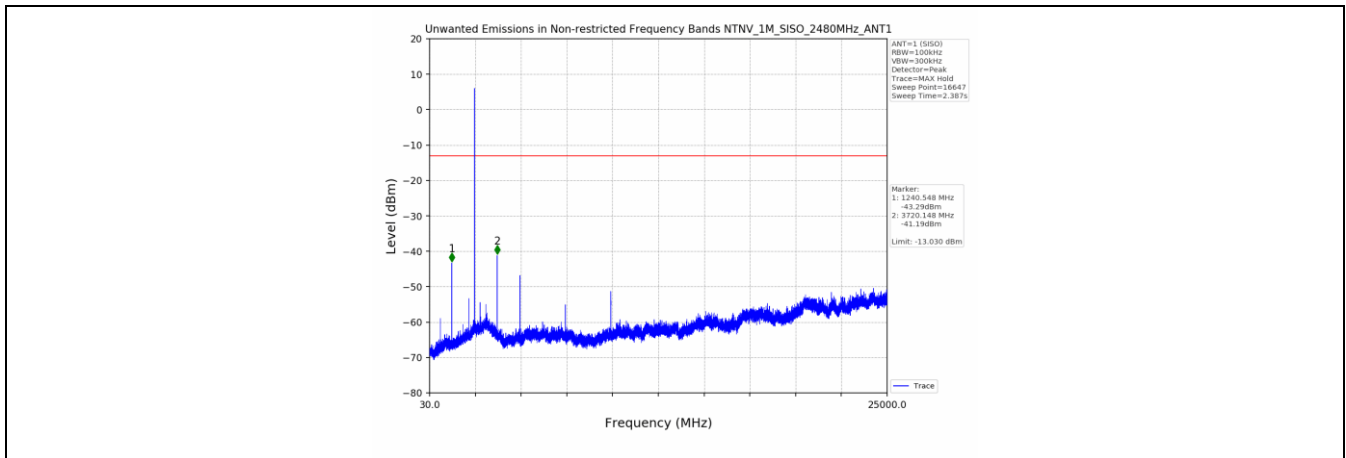
### 5.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | Spurious Conducted Emission (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| 1M        | 2402            | SISO    | 1       | Refer to test graph               | -13.03       | PASS    |
|           | 2440            | SISO    | 1       | Refer to test graph               | -13.03       | PASS    |
|           | 2480            | SISO    | 1       | Refer to test graph               | -13.03       | PASS    |

### 5.2 Test Graph







-----End-----