

## Appendix for 15.247

|               |                |
|---------------|----------------|
| Product Name: | Android TV Box |
| Model No.:    | MW809          |

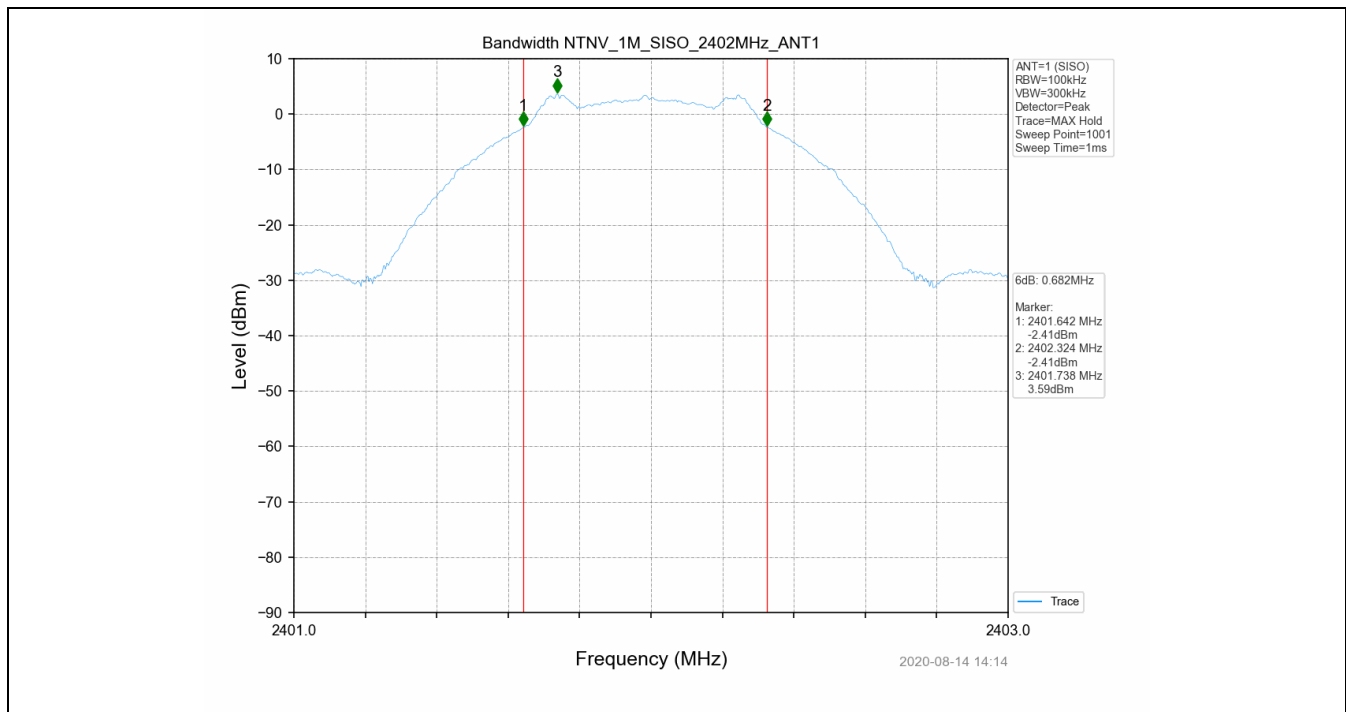
### 1. Bandwidth

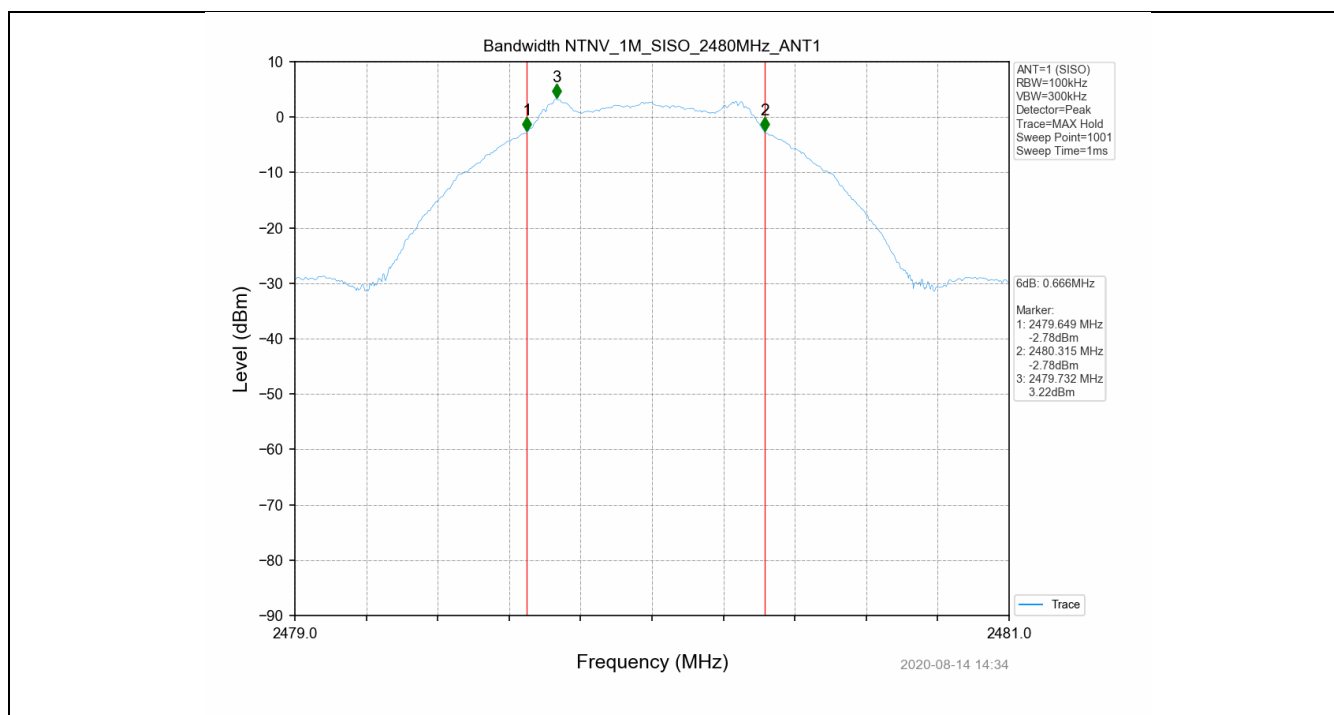
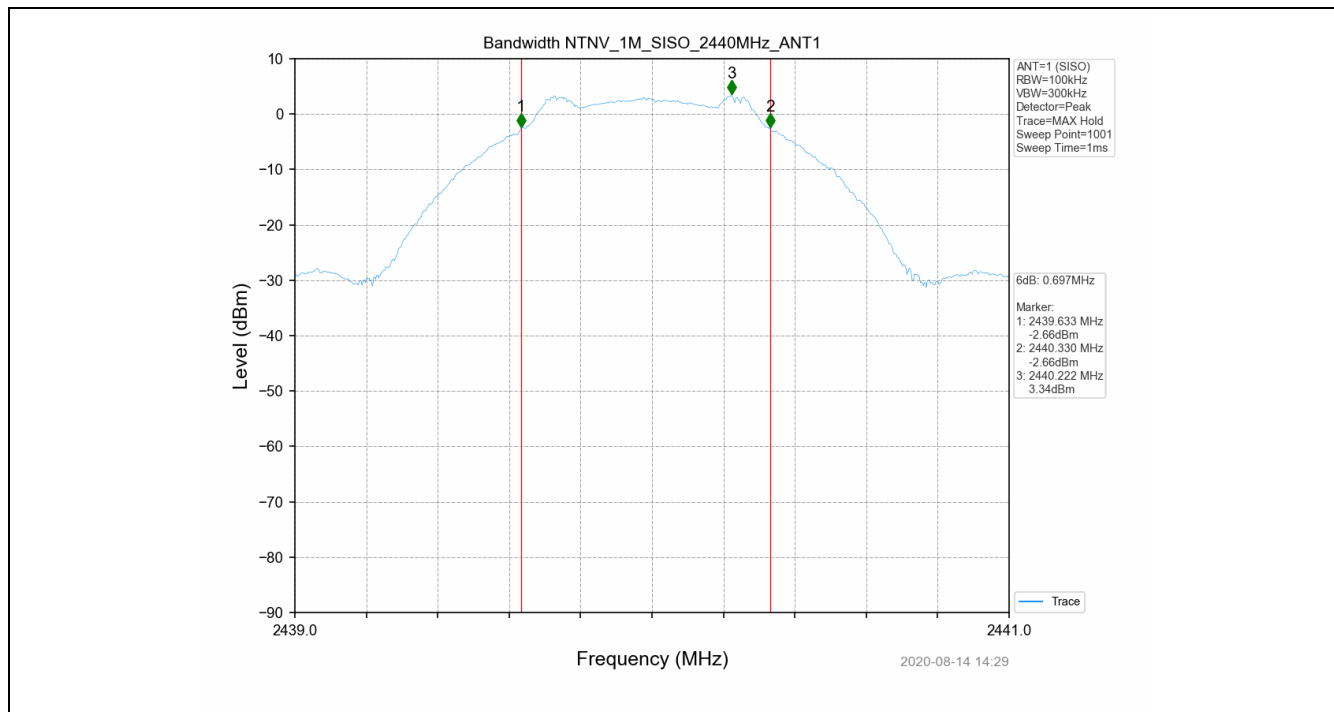
#### 1.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth     | Verdict |
|-----------|-----------------|---------|---------|-------------------|---------|
|           |                 |         |         | Test Result (MHz) |         |
| 1M        | 2402            | SISO    | 1       | 0.682             | PASS    |
|           | 2440            | SISO    | 1       | 0.697             | PASS    |
|           | 2480            | SISO    | 1       | 0.666             | PASS    |

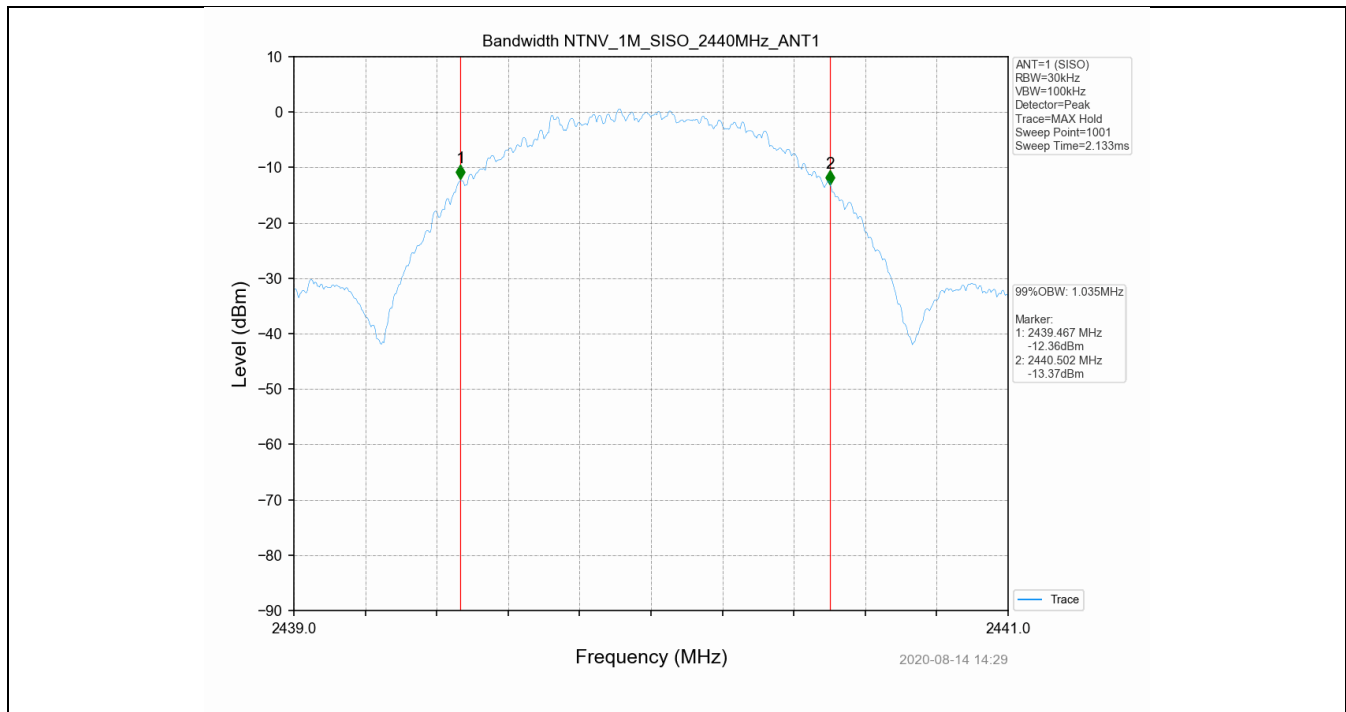
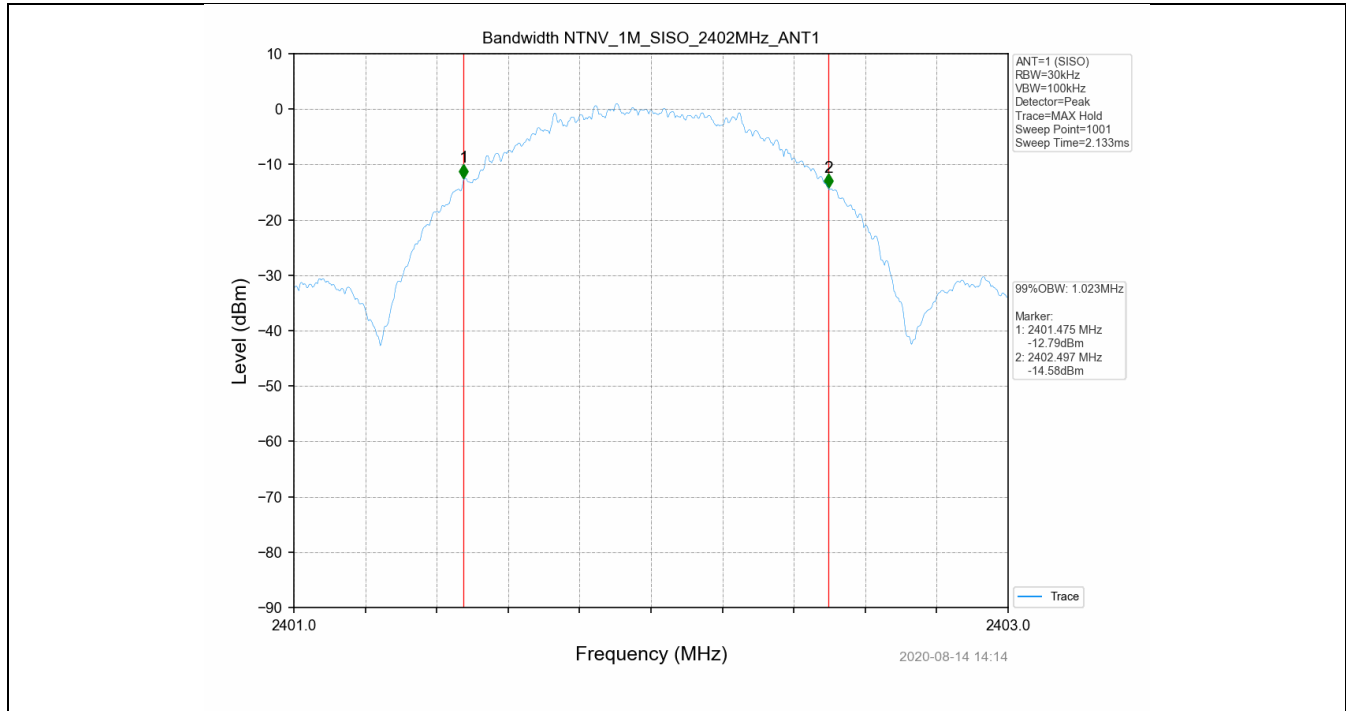
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|-----------|-----------------|---------|---------|------------------------|---------------------|
|           |                 |         |         | Test Result (MHz)      |                     |
| 1M        | 2402            | SISO    | 1       | 1.023                  | Only for Report Use |
|           | 2440            | SISO    | 1       | 1.035                  | Only for Report Use |
|           | 2480            | SISO    | 1       | 1.027                  | Only for Report Use |

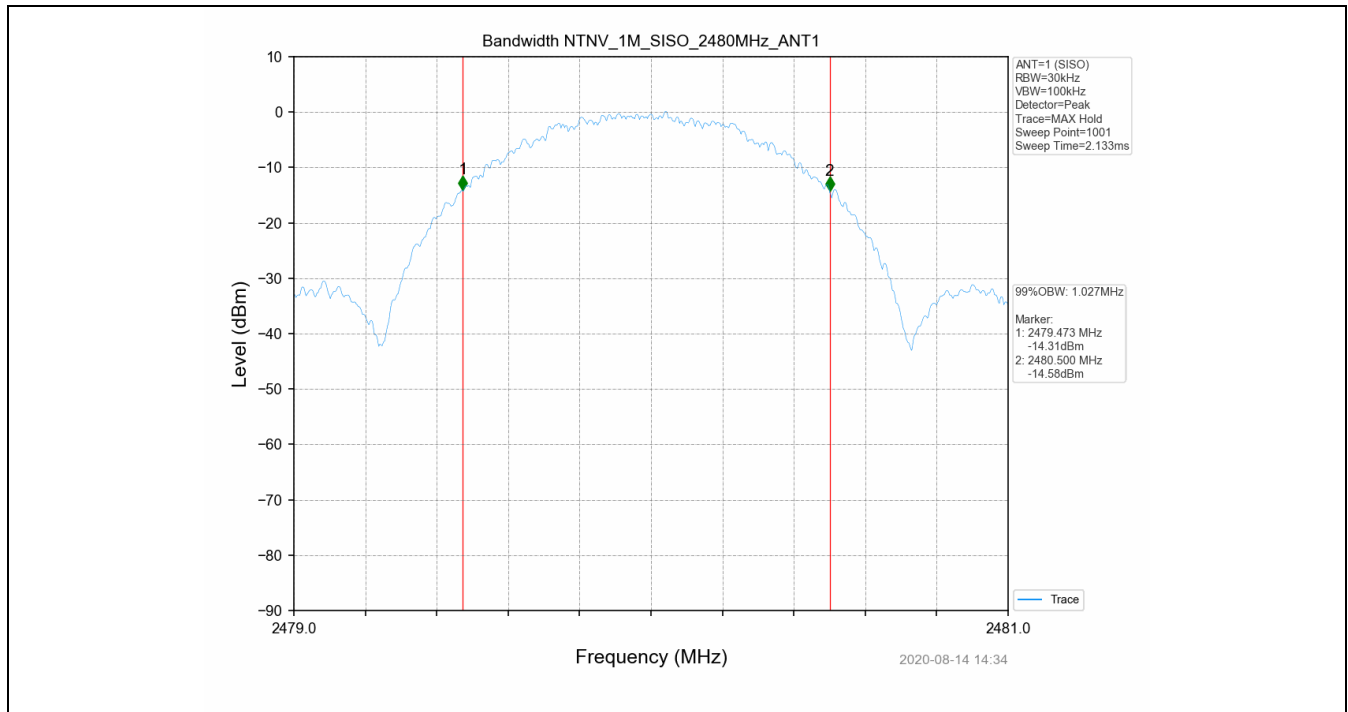
#### 1.2 Test Graph - 6dB Bandwidth





## 1.3 Test Graph - 99% Occupied Bandwidth



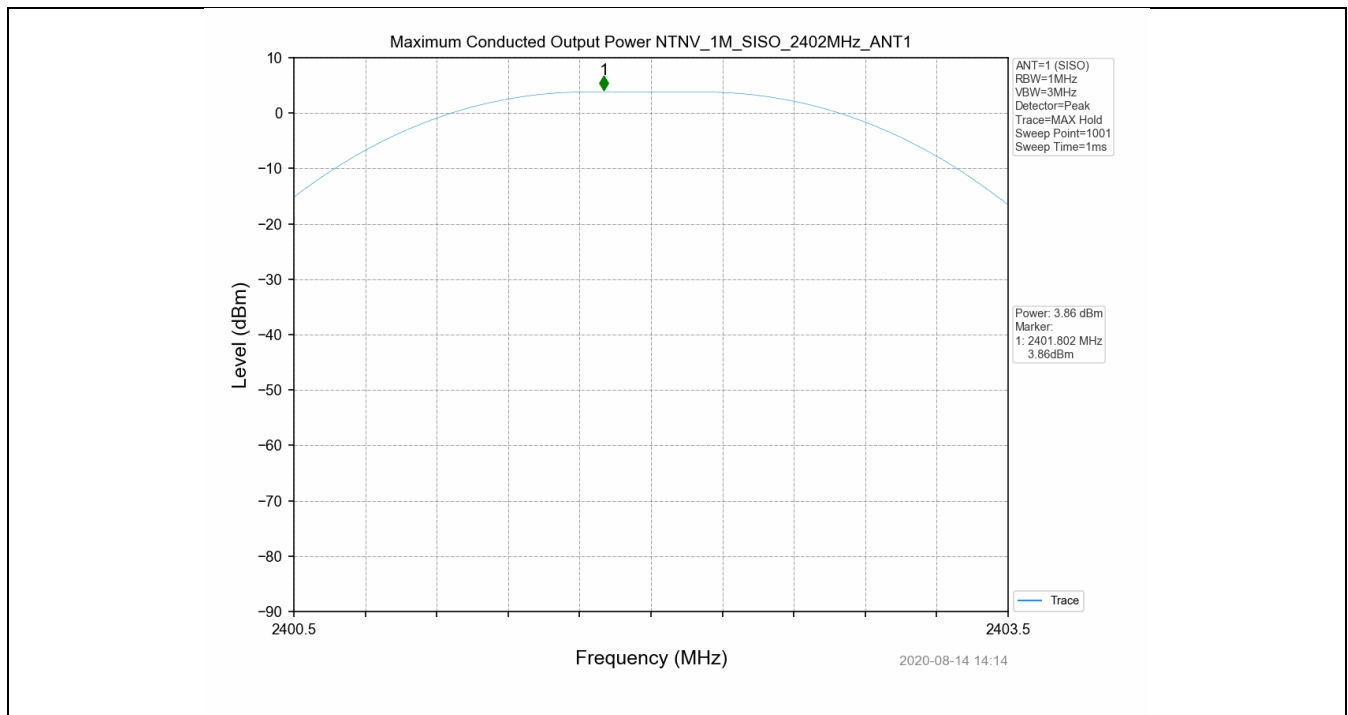


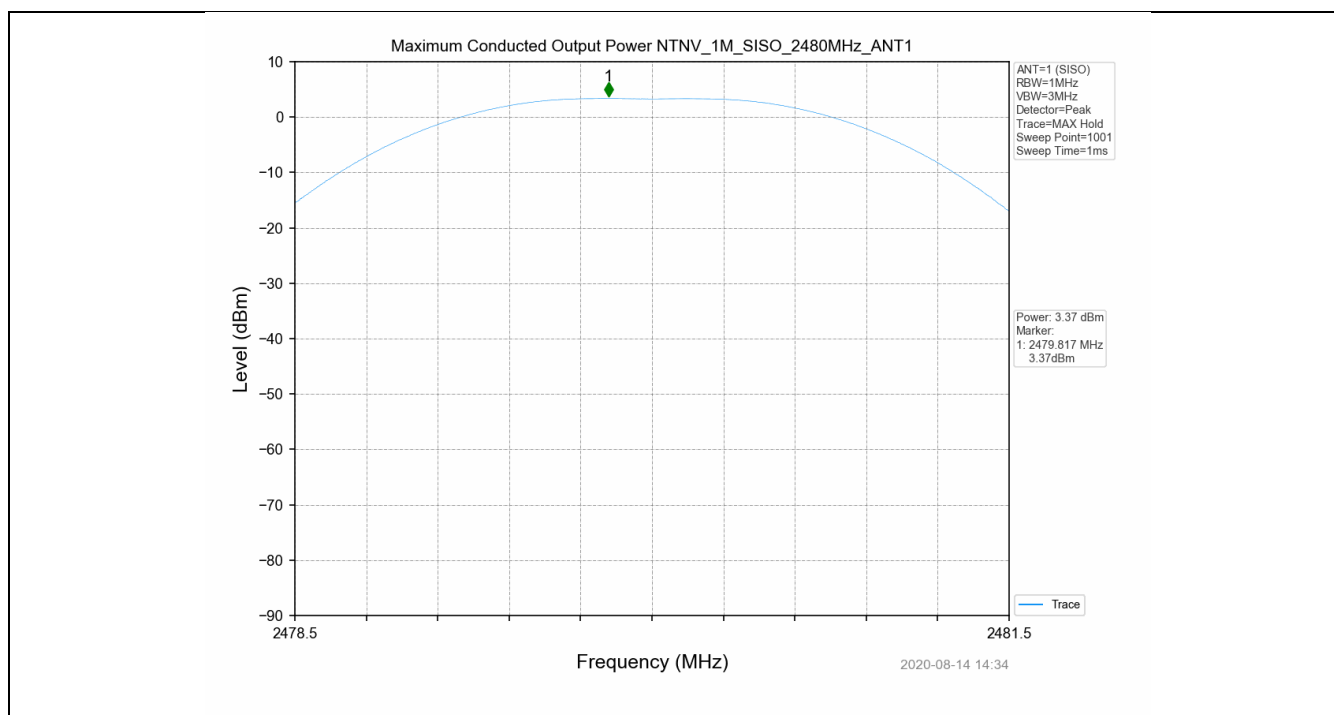
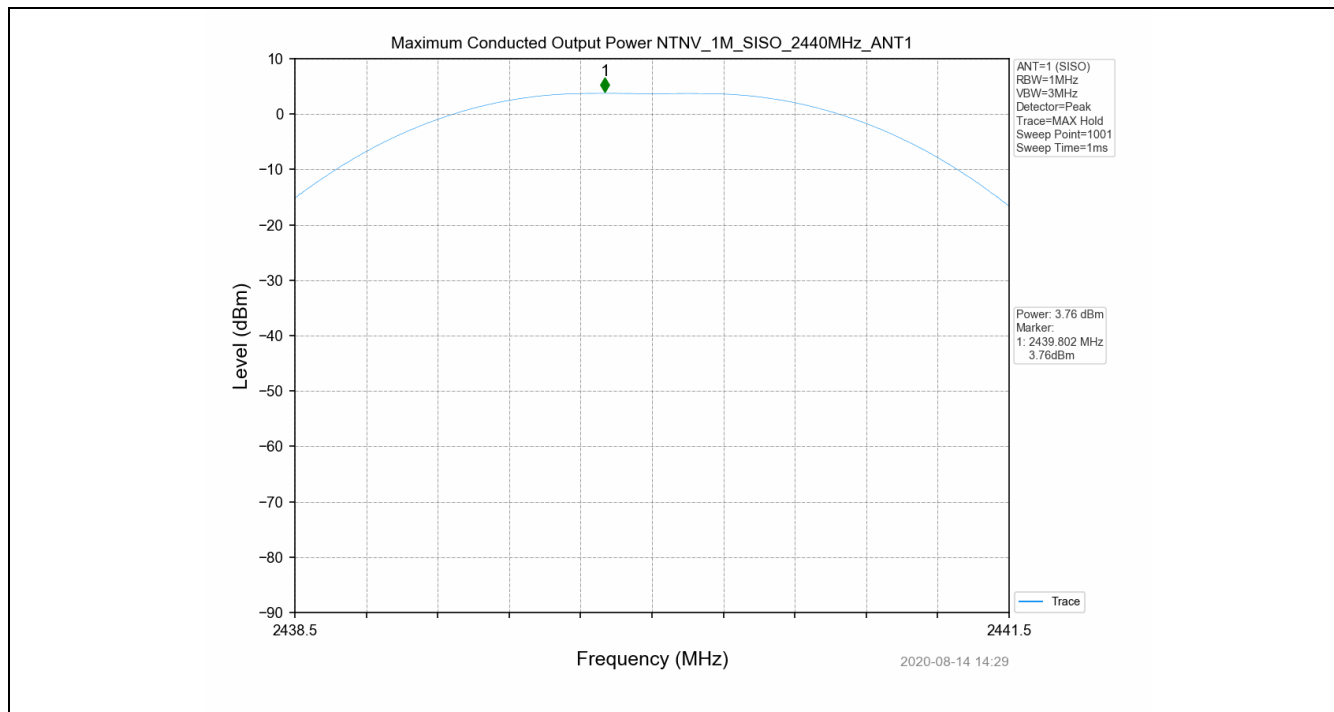
## 2. Maximum Conducted Output Power

### 2.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|----------------------------------|--------------|---------|
|           |                 |         | Ant 1                            |              |         |
| 1M        | 2402            | SISO    | 3.86                             | 30           | PASS    |
|           | 2440            | SISO    | 3.76                             | 30           | PASS    |
|           | 2480            | SISO    | 3.37                             | 30           | PASS    |

### 2.2 Test Graph



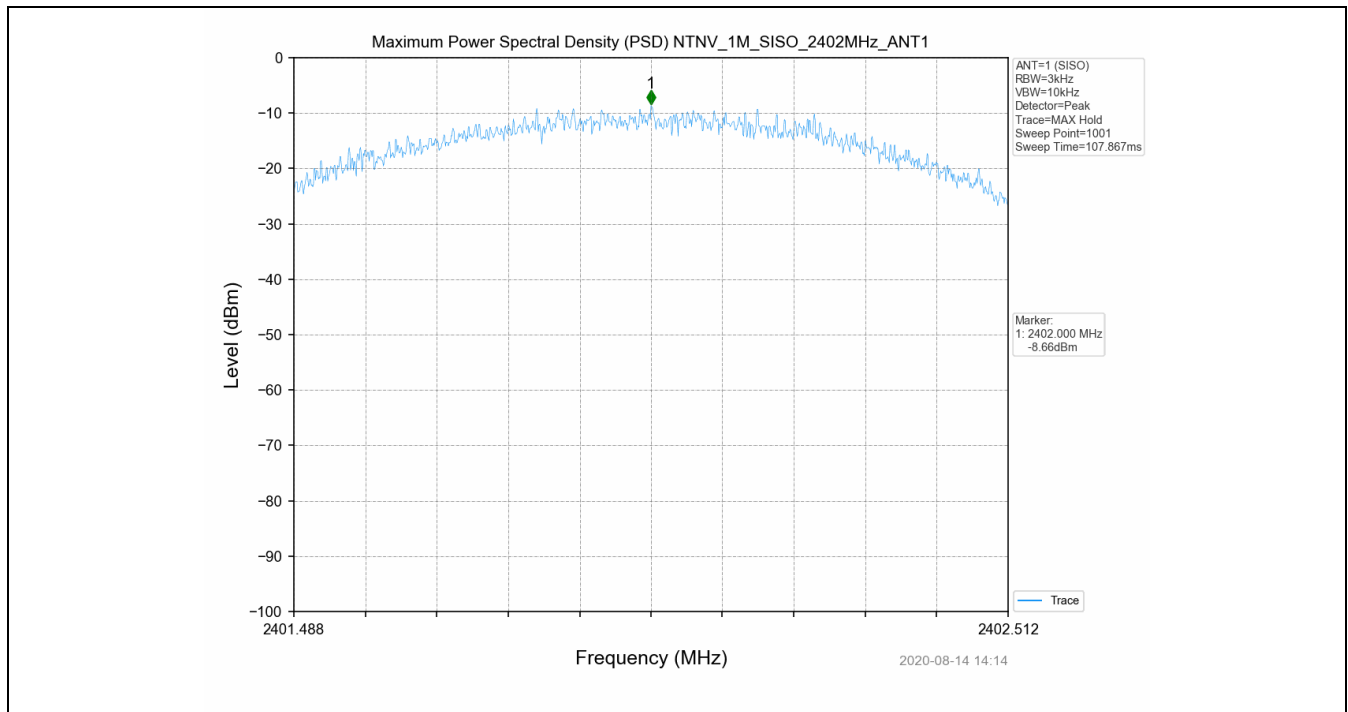


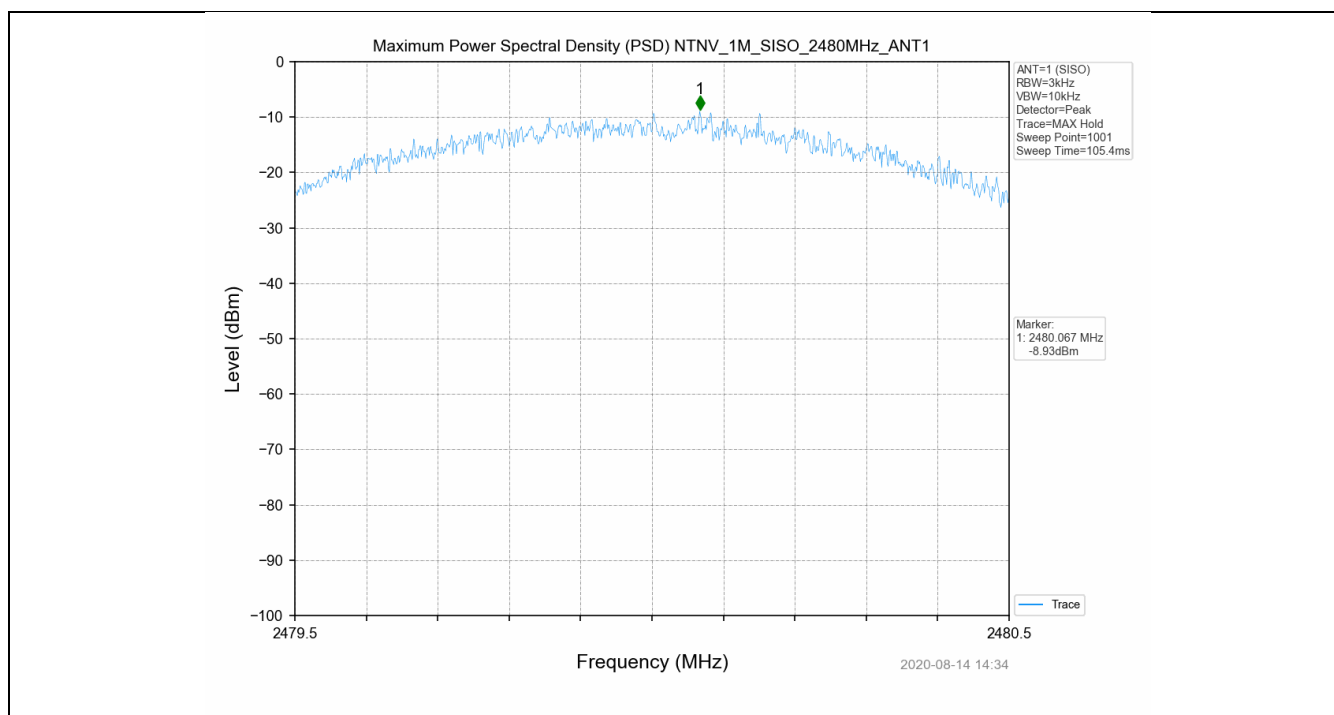
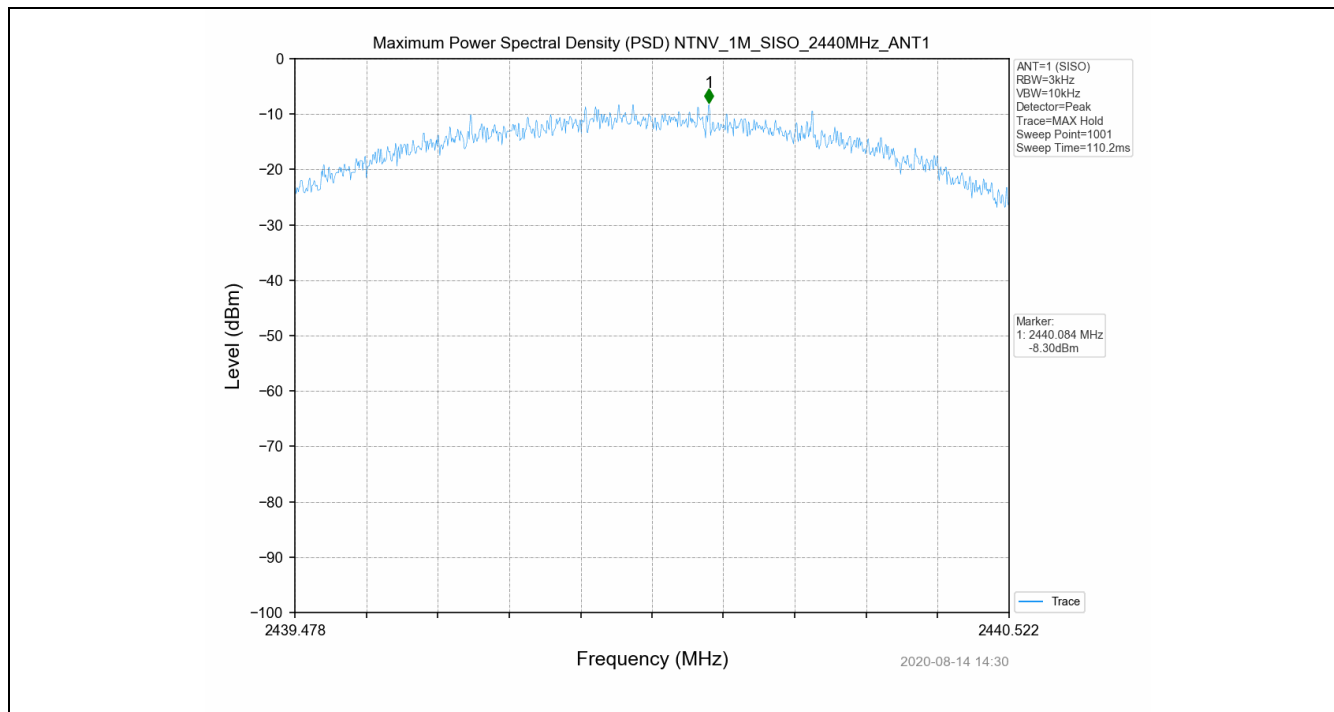
## 3. Maximum Power Spectral Density (PSD)

### 3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/3KHz) | Limits (dBm/3KHz) | Verdict |
|-----------|-----------------|---------|-------------------------------------------|-------------------|---------|
|           |                 |         | Ant 1                                     |                   |         |
| 1M        | 2402            | SISO    | -8.66                                     | ≤8                | PASS    |
|           | 2440            | SISO    | -8.30                                     | ≤8                | PASS    |
|           | 2480            | SISO    | -8.93                                     | ≤8                | PASS    |

### 3.2 Test Graph







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

### 4.1 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               | -16.37       | PASS    |
|           | 2440            | SISO    | 1       | Refer to test graph               | -16.37       | PASS    |
|           | 2480            | SISO    | 1       | Refer to test graph               | -16.37       | PASS    |

### 4.2 Test Graph

