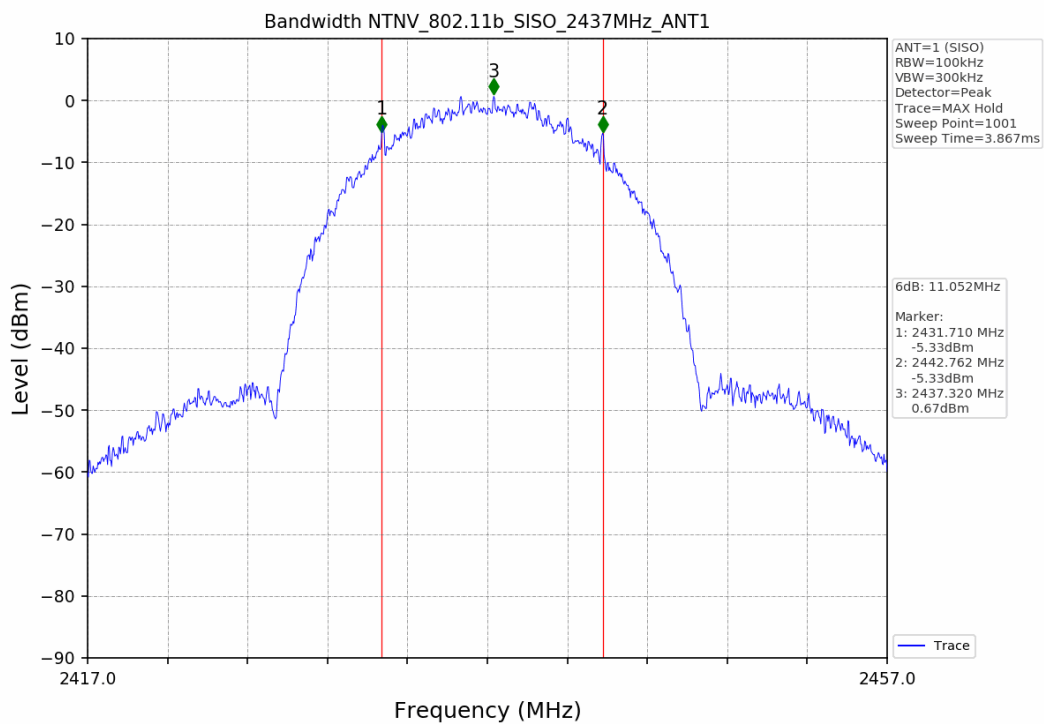
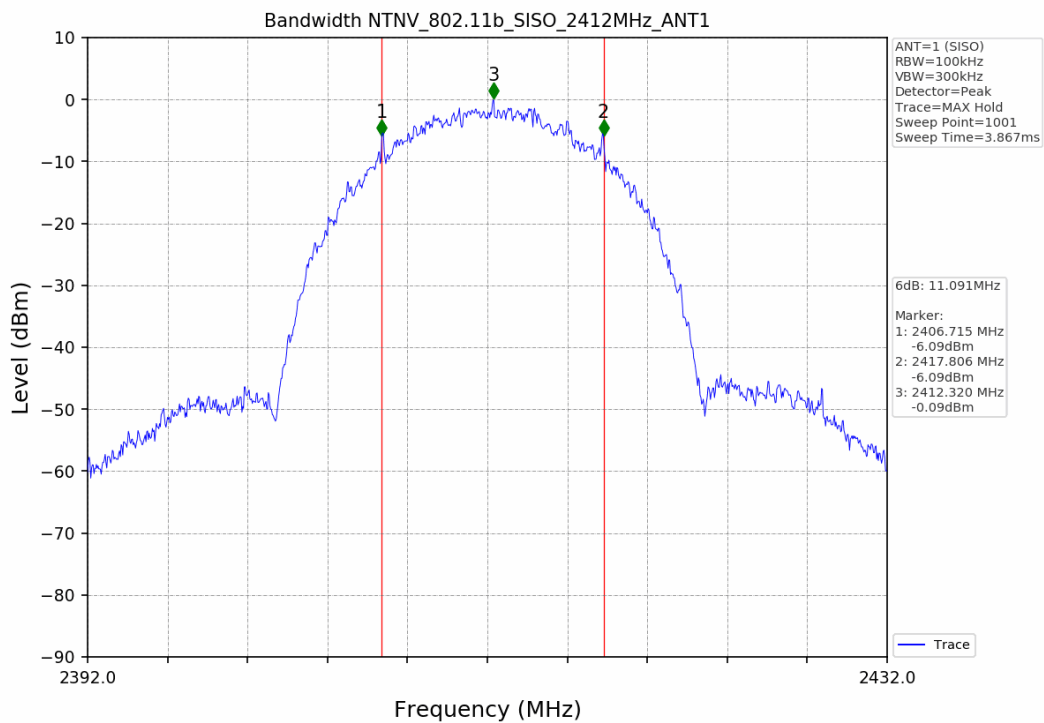


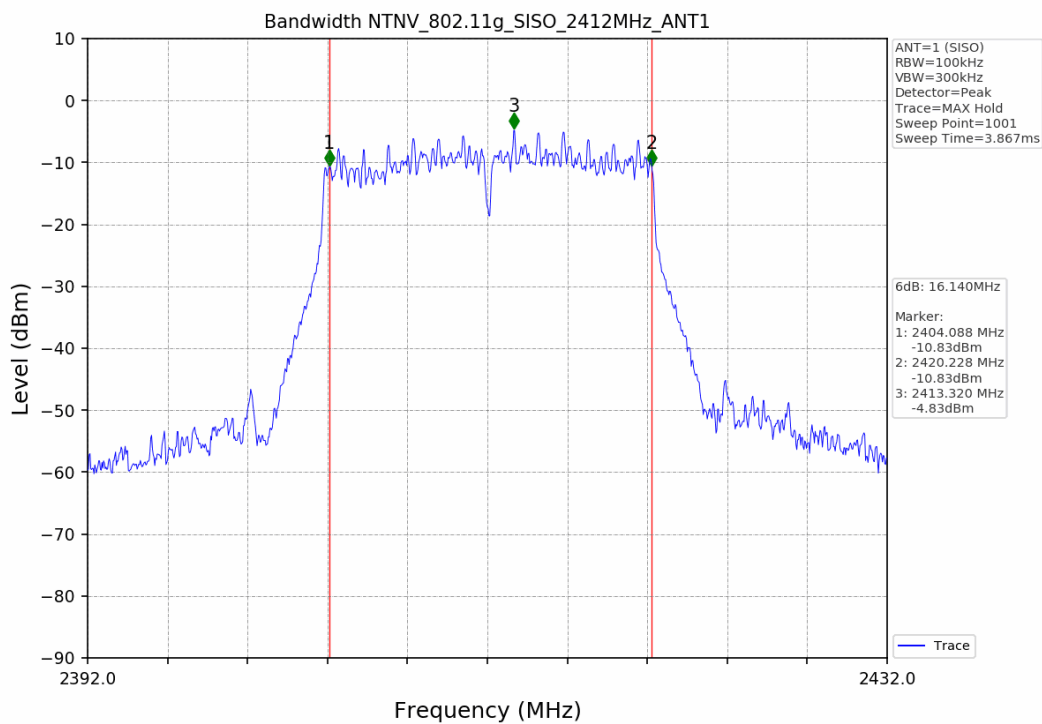
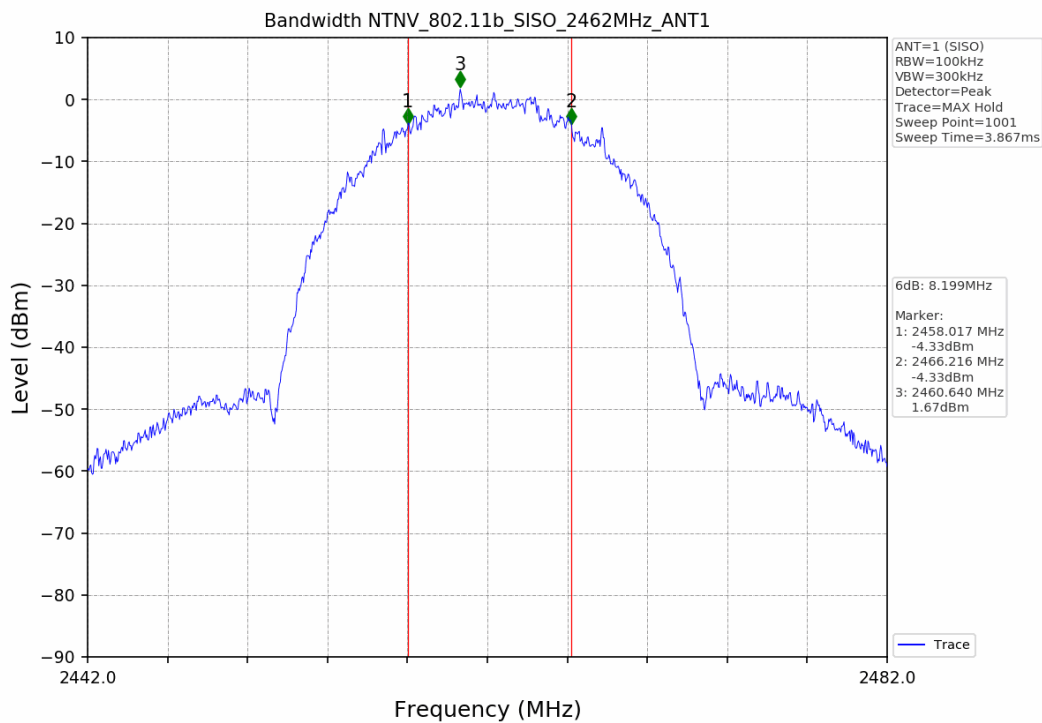
**Report No.: CTL2009212014WF****Appendix for 15.247****1 Bandwidth****11 Test Result**

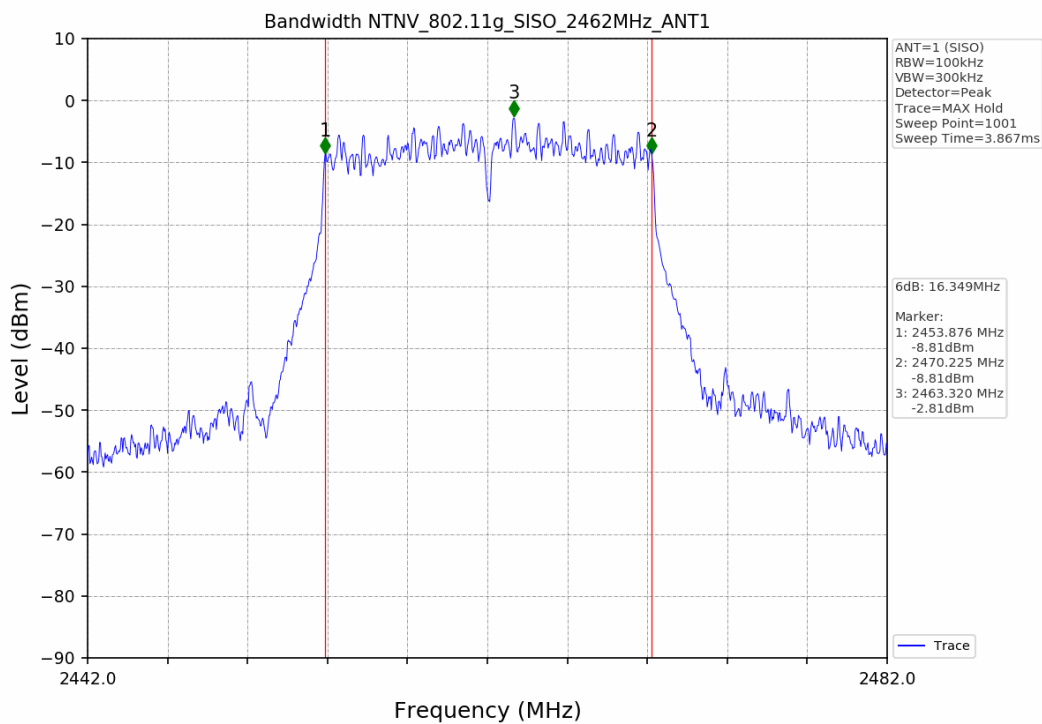
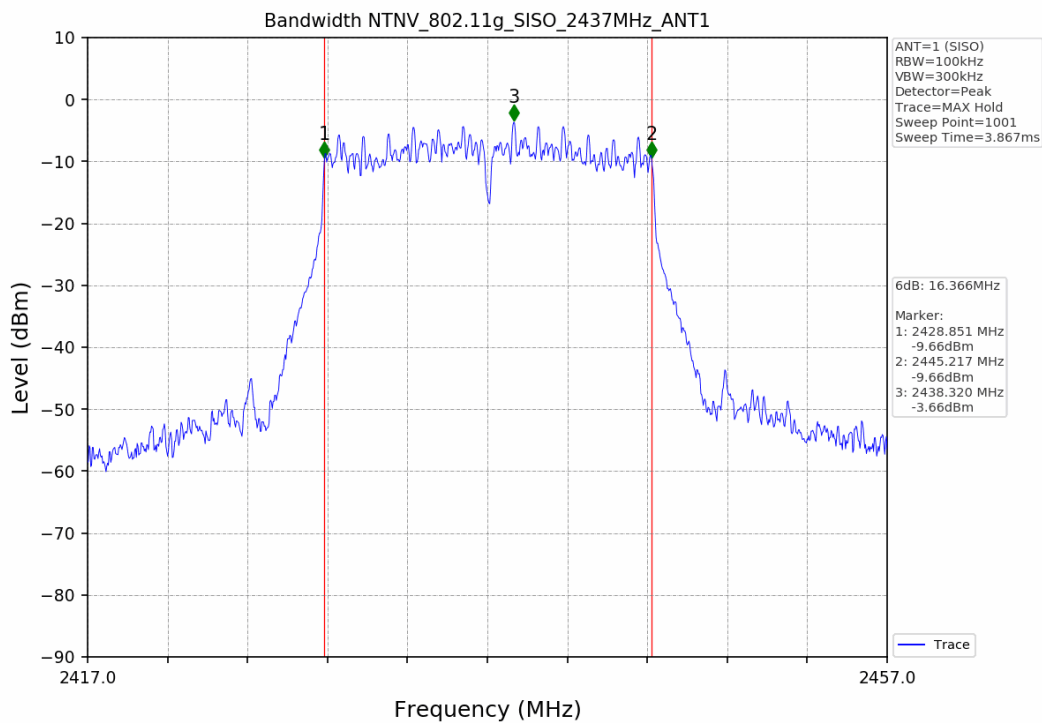
| Test Mode     | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth     |              | Verdict |
|---------------|-----------------|---------|---------|-------------------|--------------|---------|
|               |                 |         |         | Test Result (MHz) | Limits (MHz) |         |
| 802.11b       | 2412            | SISO    | 1       | 11.091            | ≥0.5         | PASS    |
|               | 2437            | SISO    | 1       | 11.052            | ≥0.5         | PASS    |
|               | 2462            | SISO    | 1       | 8.199             | ≥0.5         | PASS    |
| 802.11g       | 2412            | SISO    | 1       | 16.140            | ≥0.5         | PASS    |
|               | 2437            | SISO    | 1       | 16.366            | ≥0.5         | PASS    |
|               | 2462            | SISO    | 1       | 16.349            | ≥0.5         | PASS    |
| 802.11n(HT20) | 2412            | SISO    | 1       | 15.191            | ≥0.5         | PASS    |
|               | 2437            | SISO    | 1       | 15.205            | ≥0.5         | PASS    |
|               | 2462            | SISO    | 1       | 15.191            | ≥0.5         | PASS    |
| 802.11n(HT40) | 2422            | SISO    | 1       | 35.207            | ≥0.5         | PASS    |
|               | 2437            | SISO    | 1       | 35.243            | ≥0.5         | PASS    |
|               | 2452            | SISO    | 1       | 35.248            | ≥0.5         | PASS    |

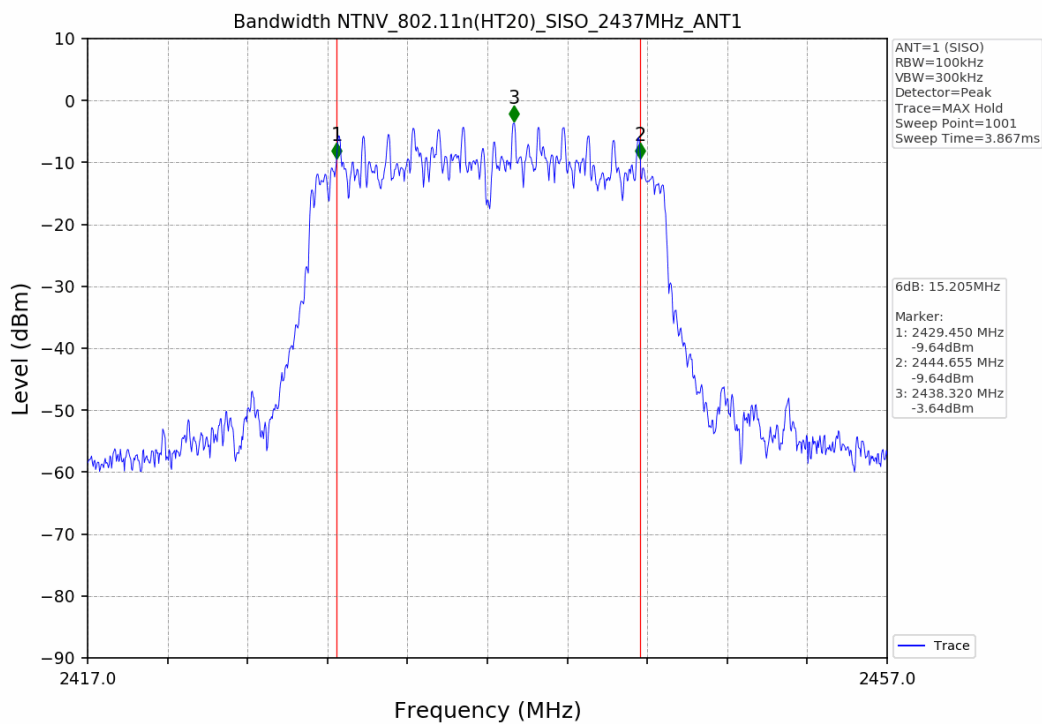
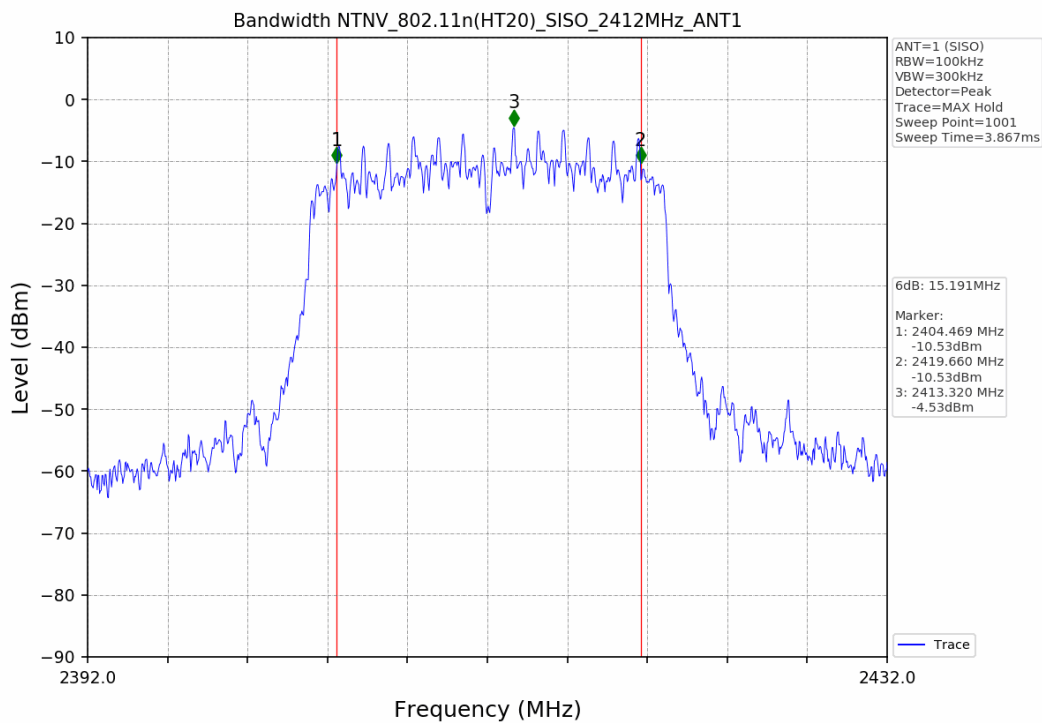
| Test Mode     | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|---------------|-----------------|---------|---------|------------------------|---------------------|
|               |                 |         |         | Test Result (MHz)      |                     |
| 802.11b       | 2412            | SISO    | 1       | 14.246                 | Only for Report Use |
|               | 2437            | SISO    | 1       | 14.270                 | Only for Report Use |
|               | 2462            | SISO    | 1       | 14.258                 | Only for Report Use |
| 802.11g       | 2412            | SISO    | 1       | 16.462                 | Only for Report Use |
|               | 2437            | SISO    | 1       | 16.458                 | Only for Report Use |
|               | 2462            | SISO    | 1       | 16.453                 | Only for Report Use |
| 802.11n(HT20) | 2412            | SISO    | 1       | 17.403                 | Only for Report Use |
|               | 2437            | SISO    | 1       | 17.414                 | Only for Report Use |
|               | 2462            | SISO    | 1       | 17.394                 | Only for Report Use |
| 802.11n(HT40) | 2422            | SISO    | 1       | 36.036                 | Only for Report Use |
|               | 2437            | SISO    | 1       | 36.153                 | Only for Report Use |
|               | 2452            | SISO    | 1       | 36.175                 | Only for Report Use |

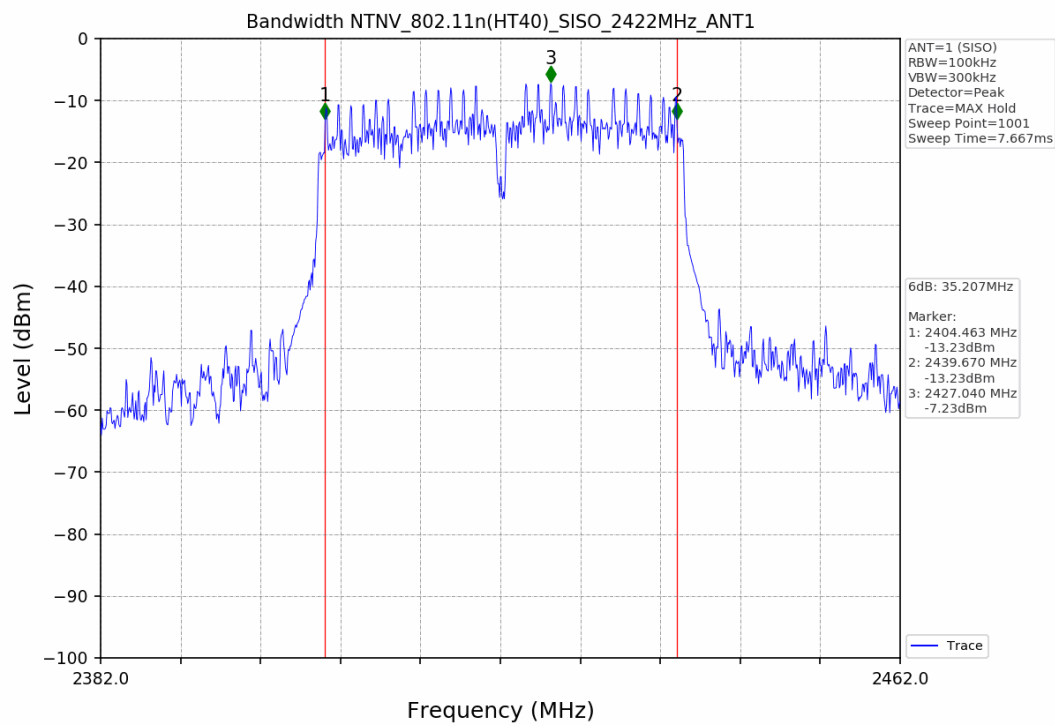
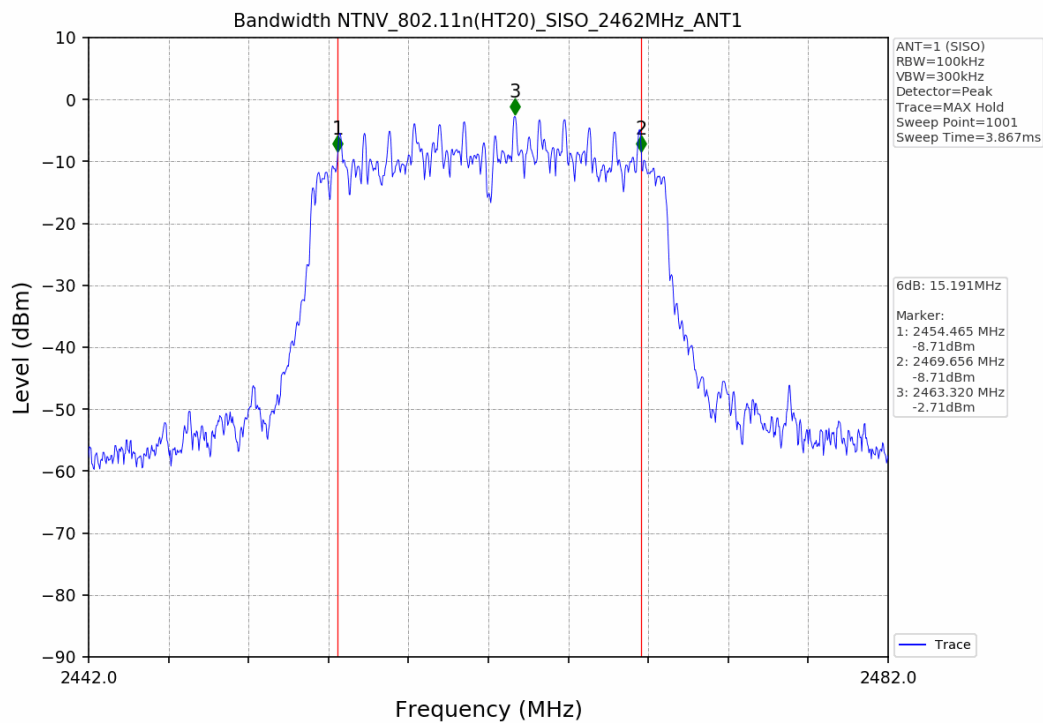
**12 Test Graph - 6dB Bandwidth**

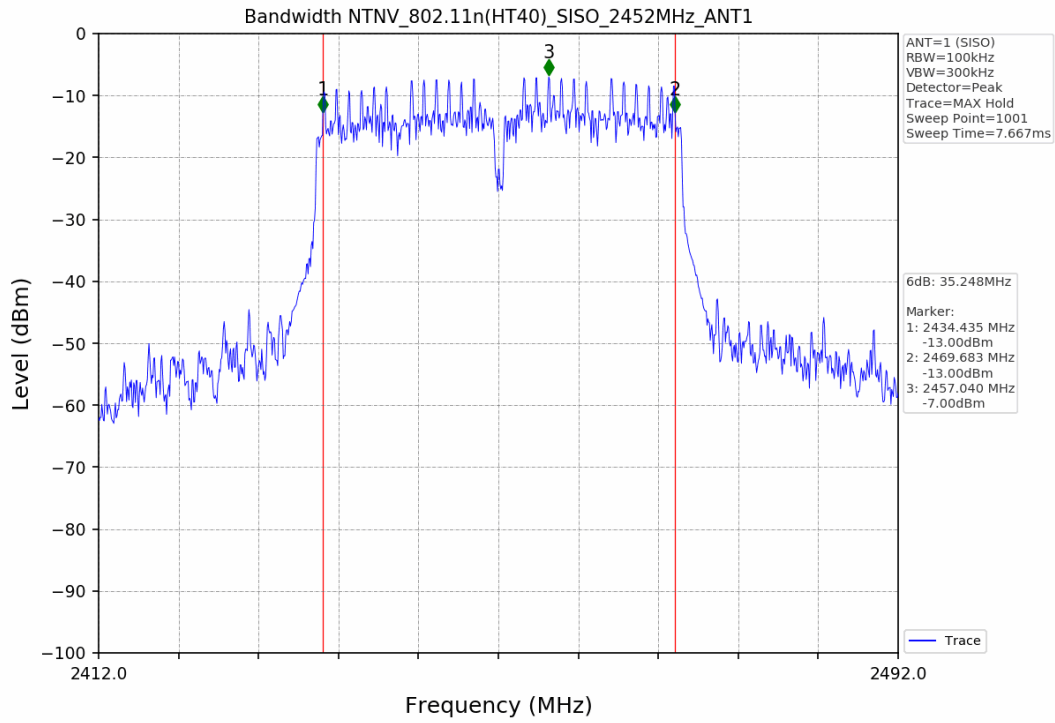
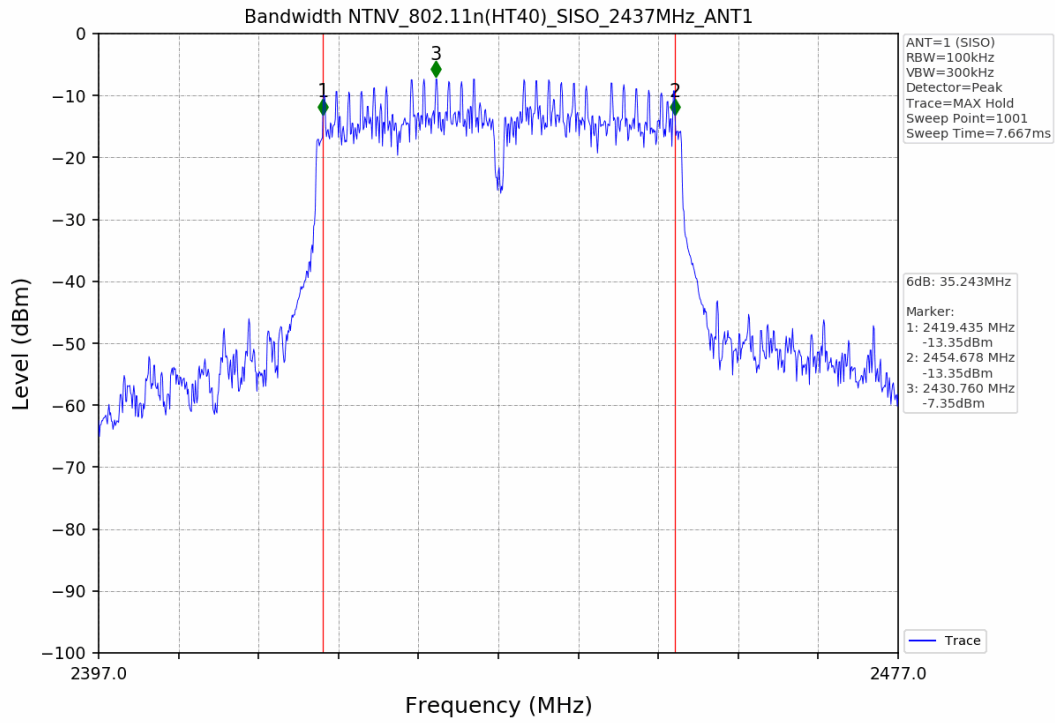




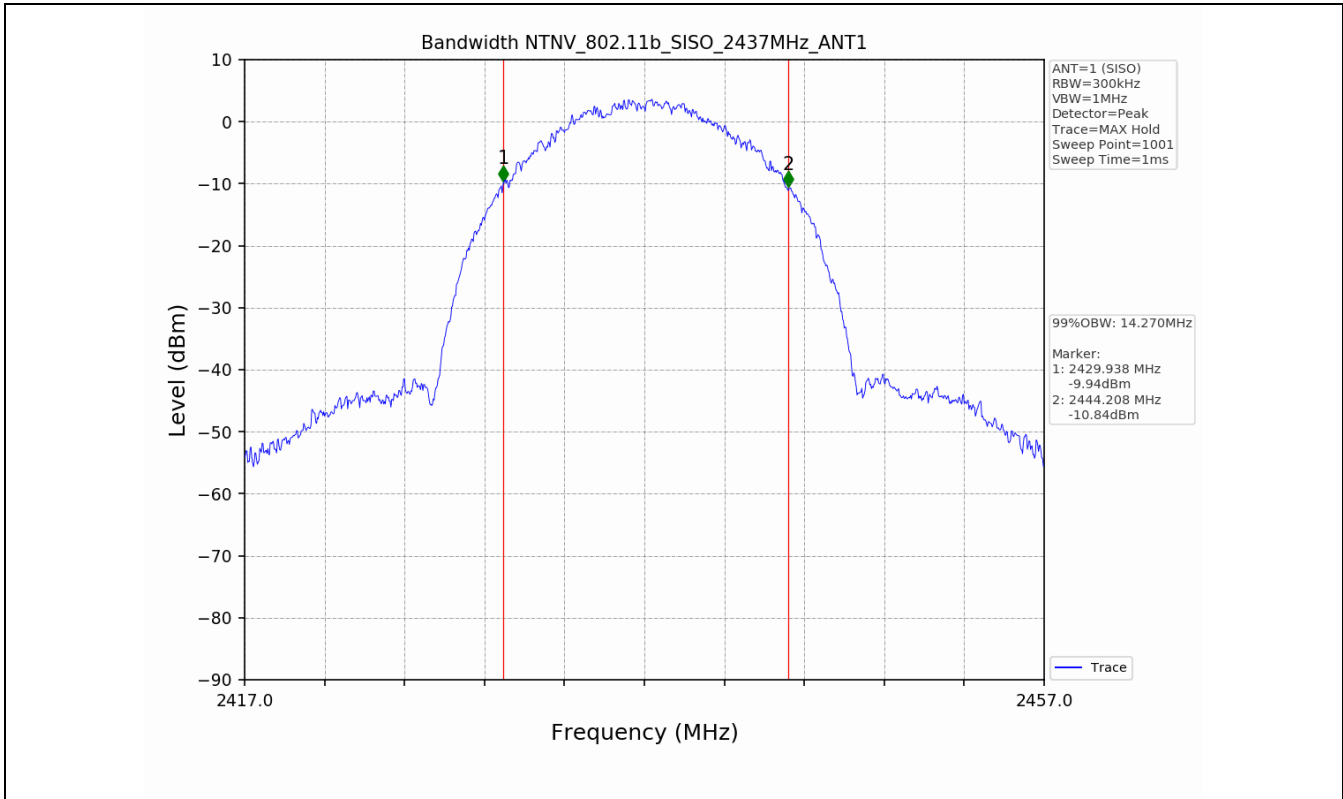
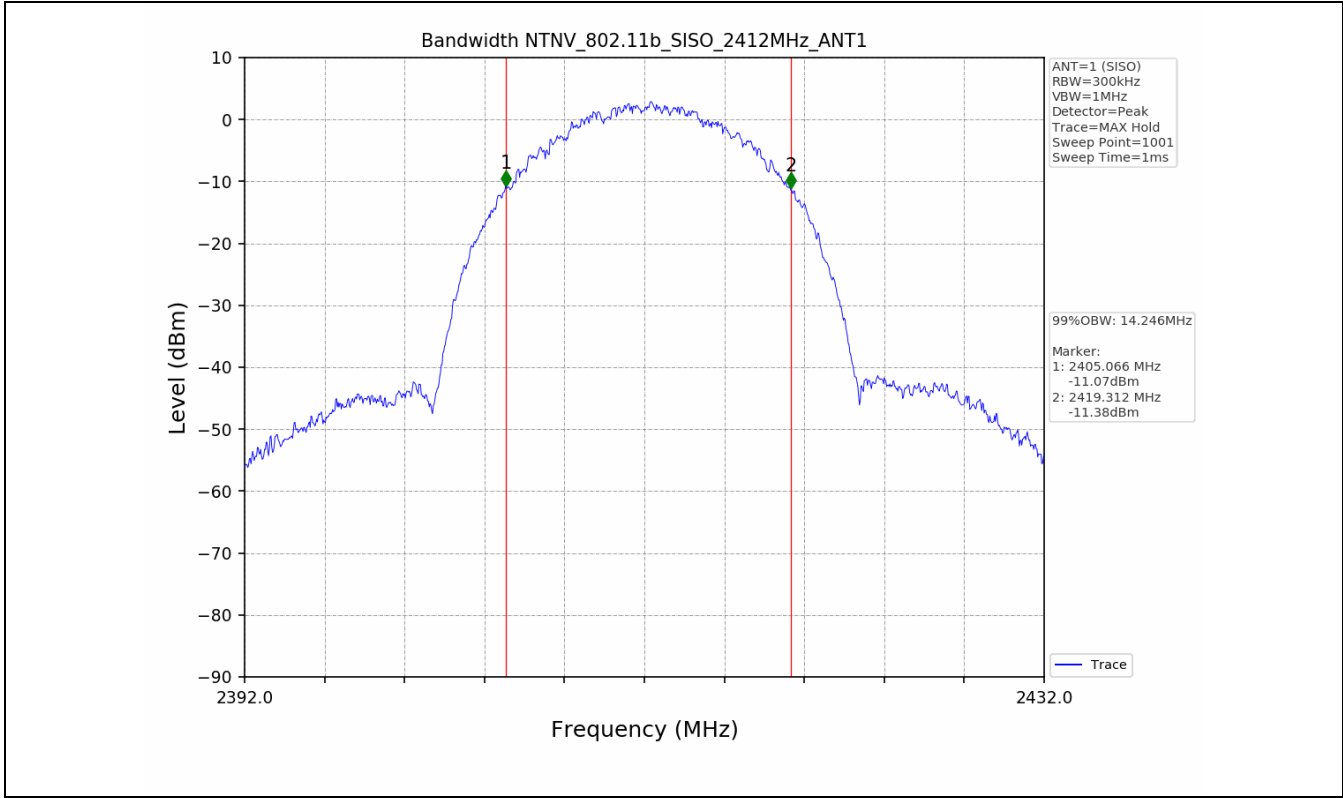




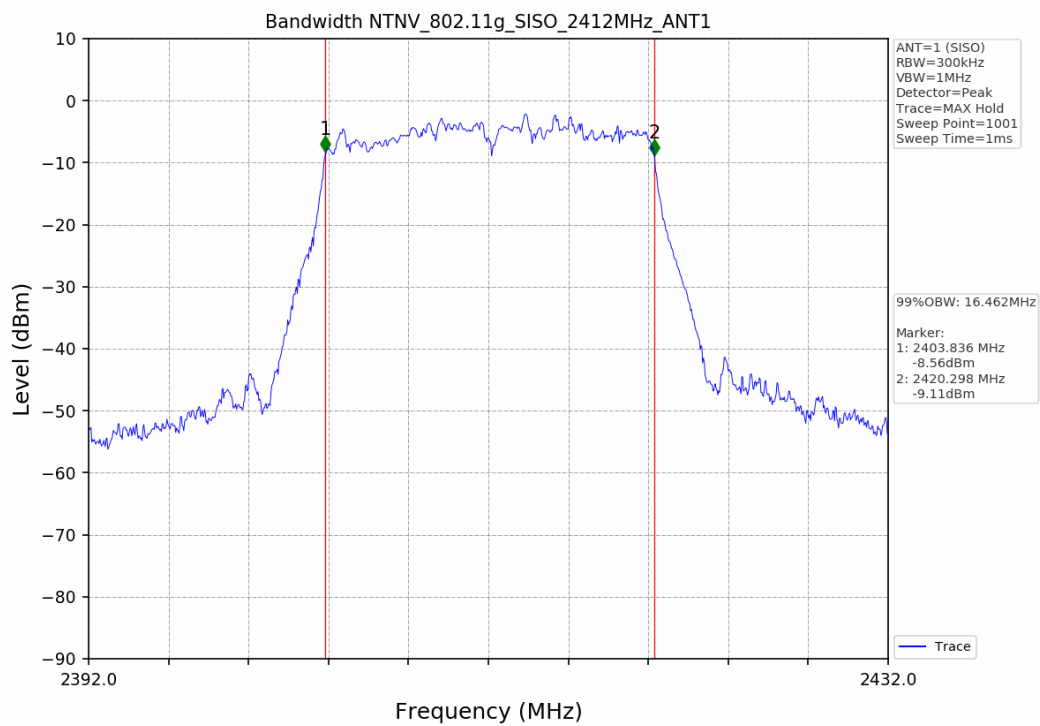
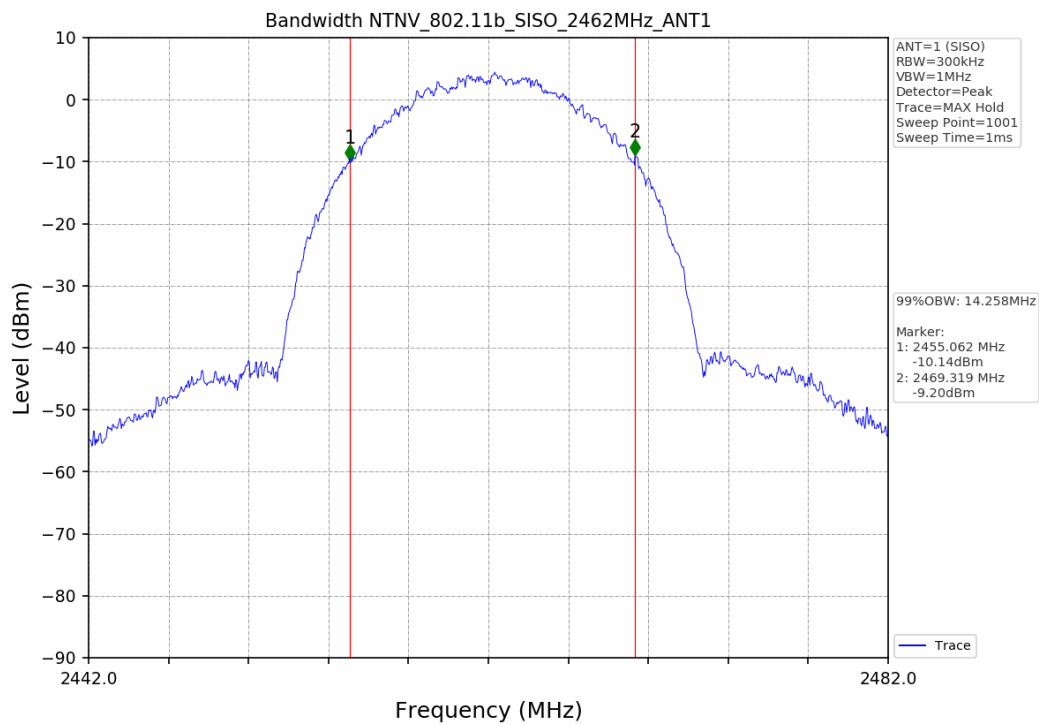


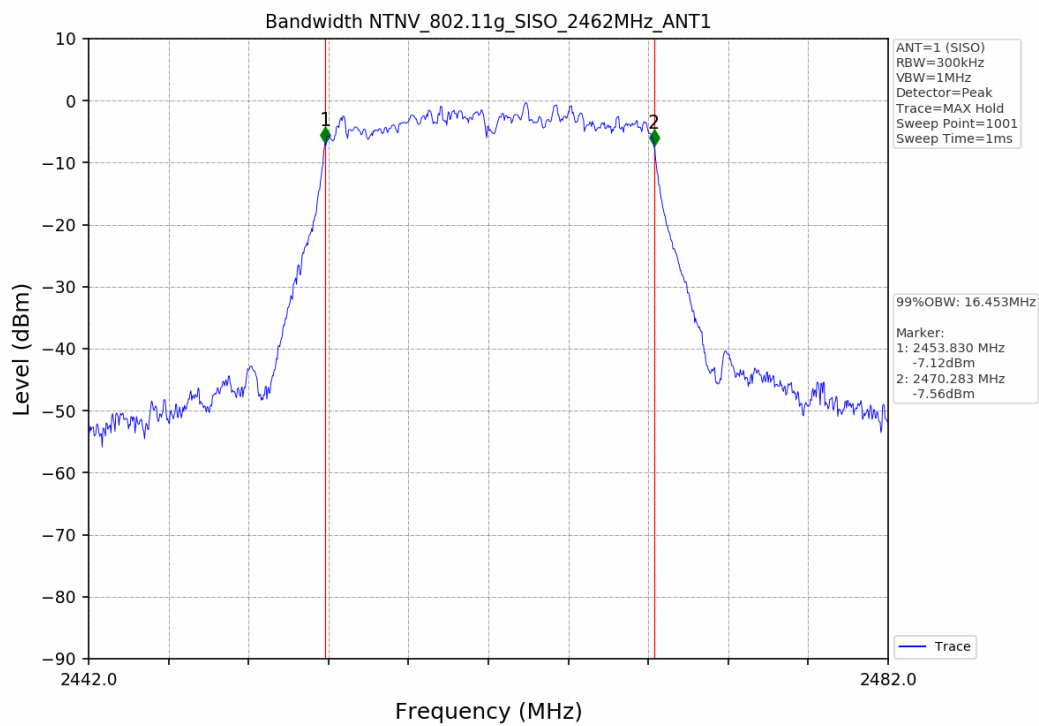
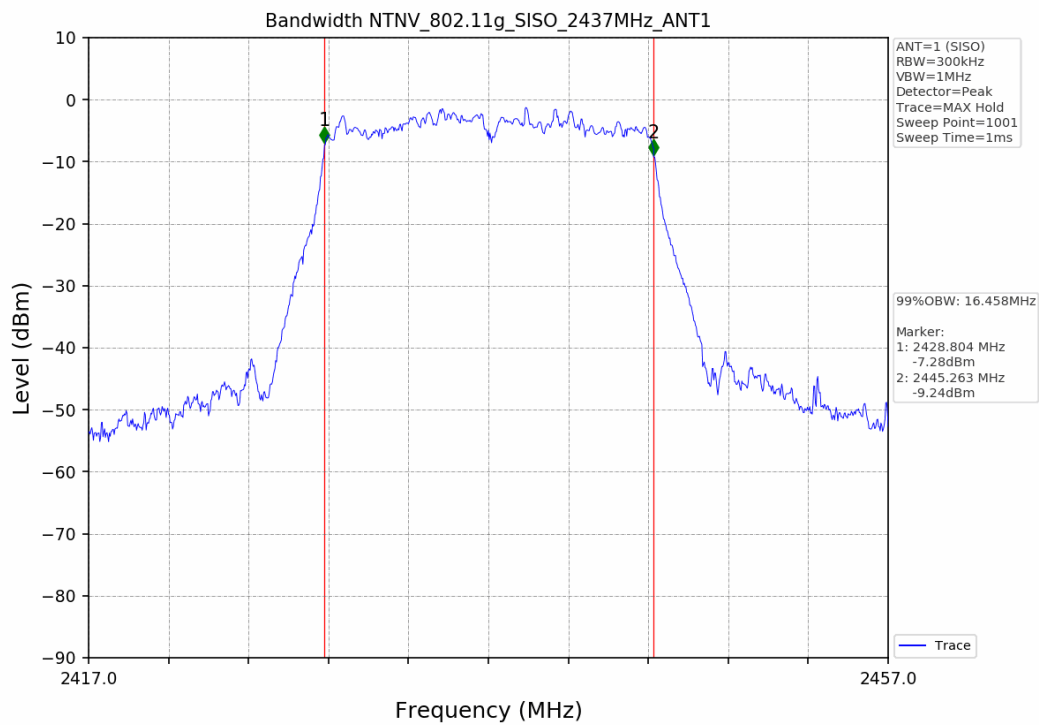


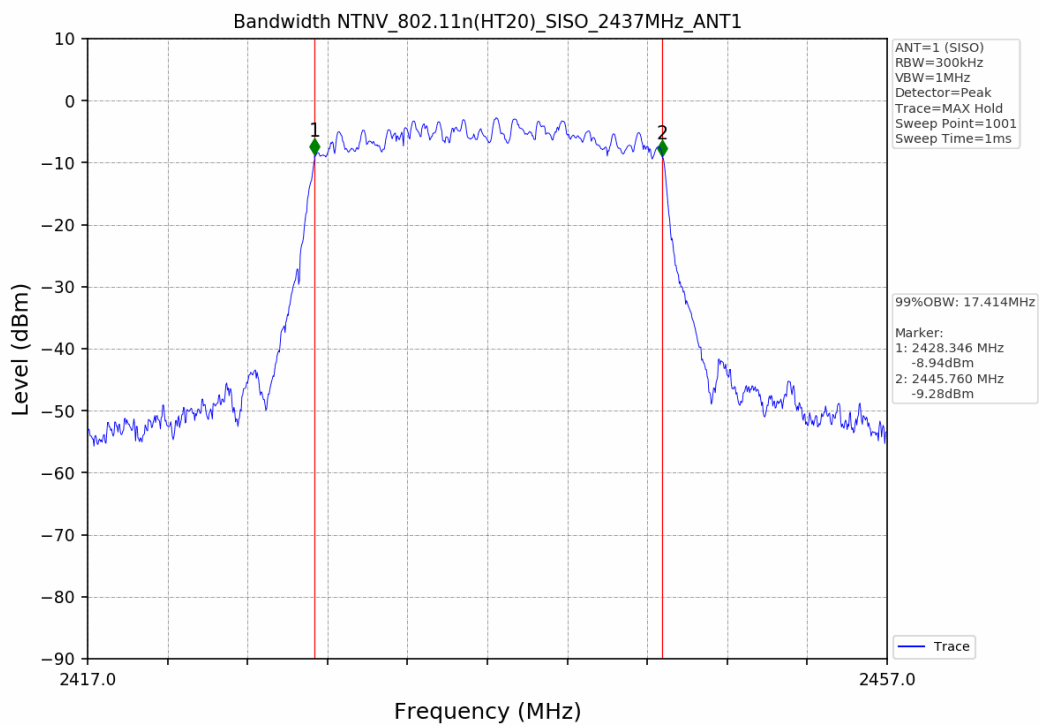
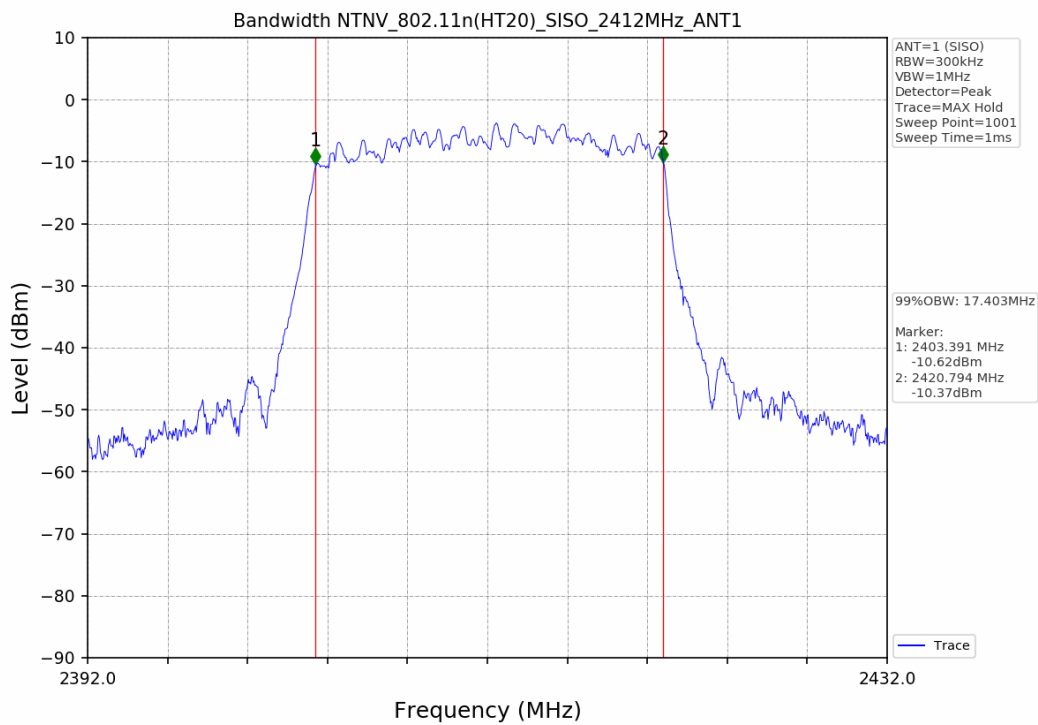
1.3 Test Graph - 99% Occupied Bandwidth

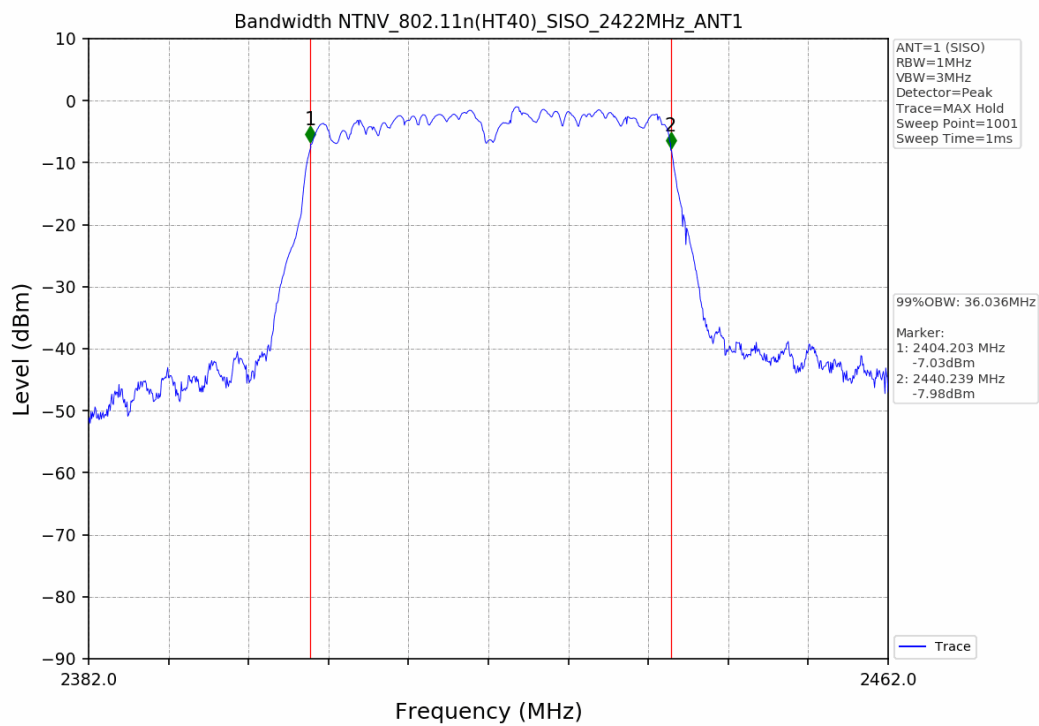
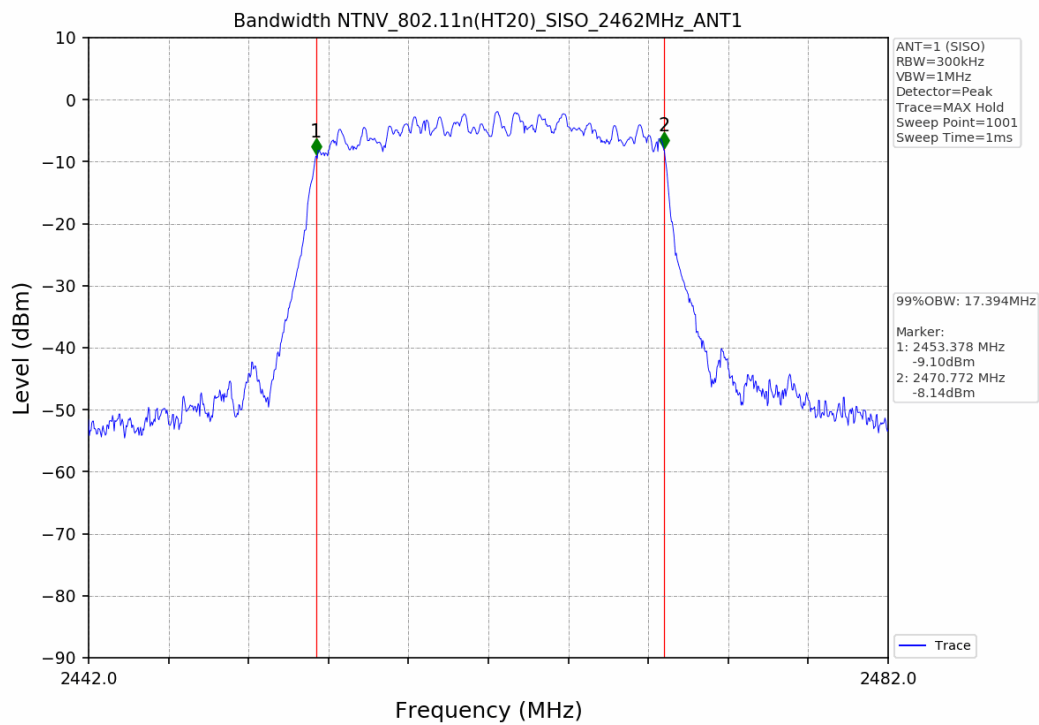


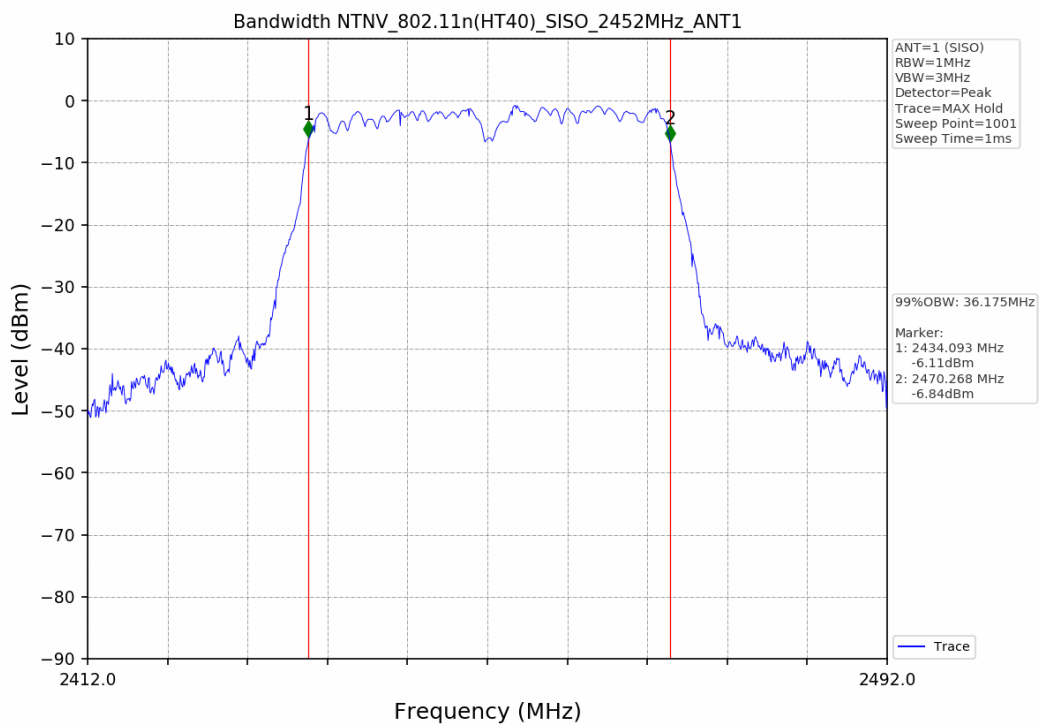
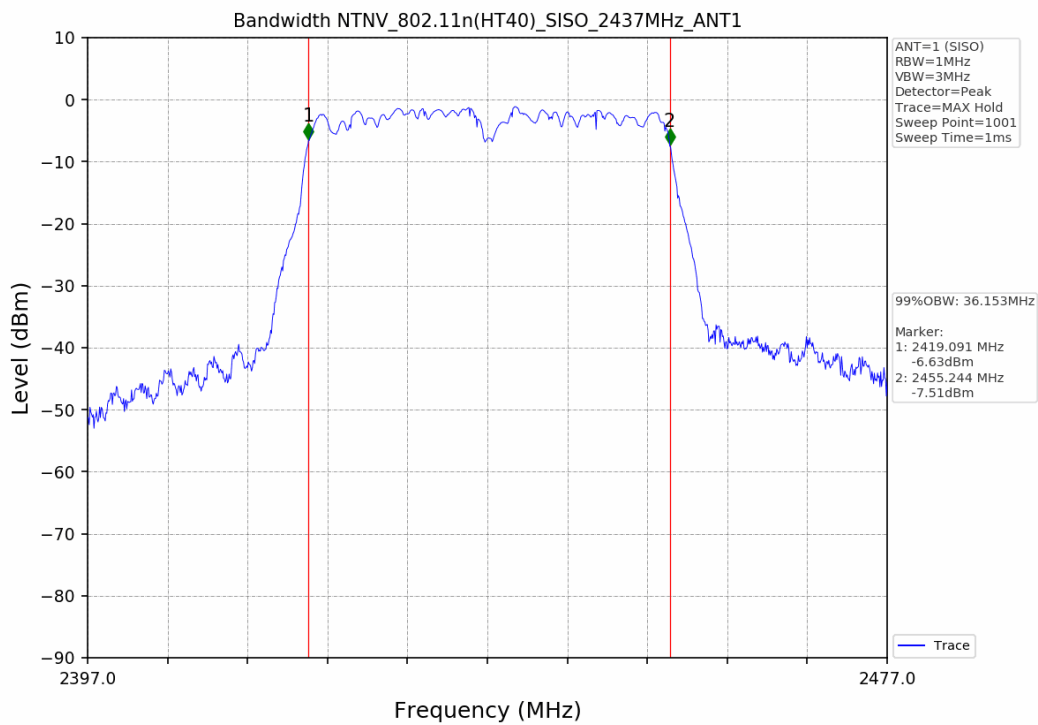










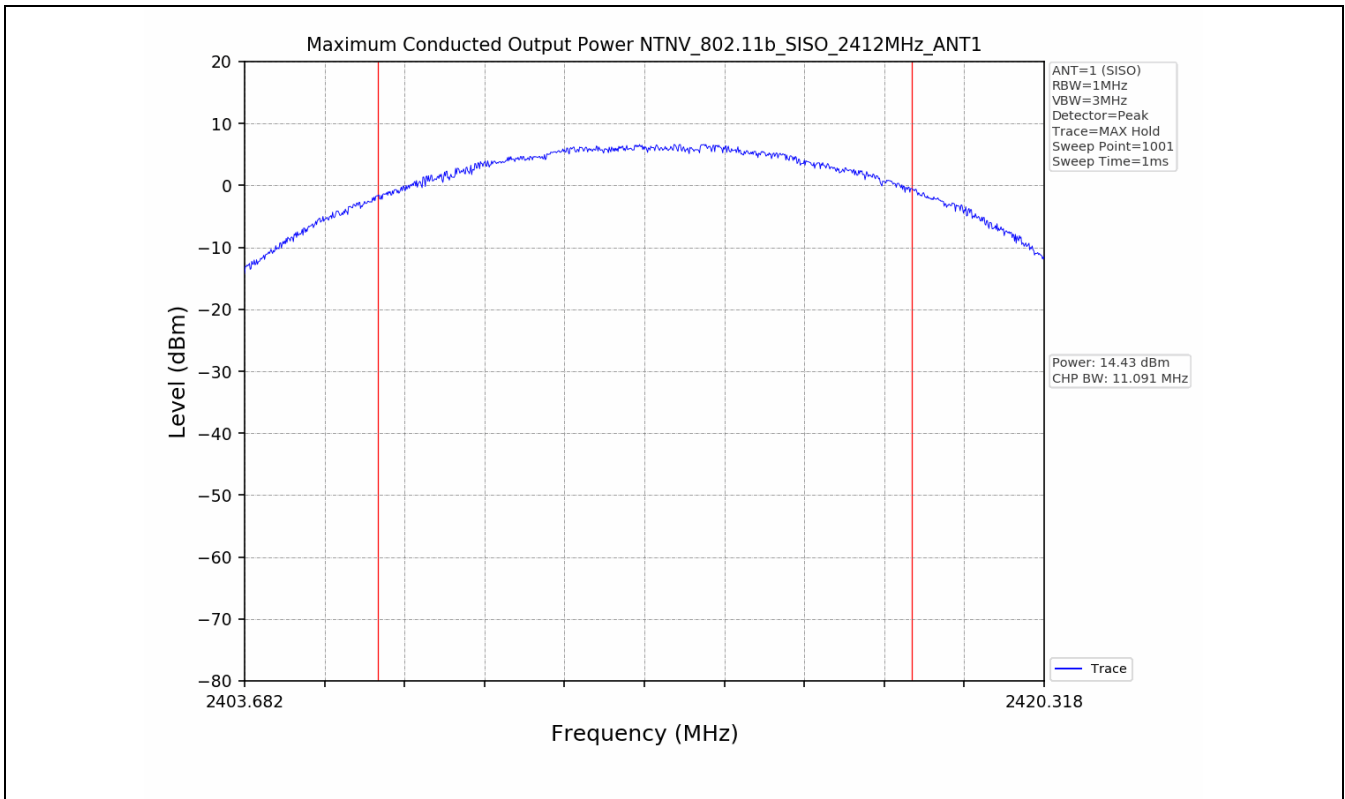


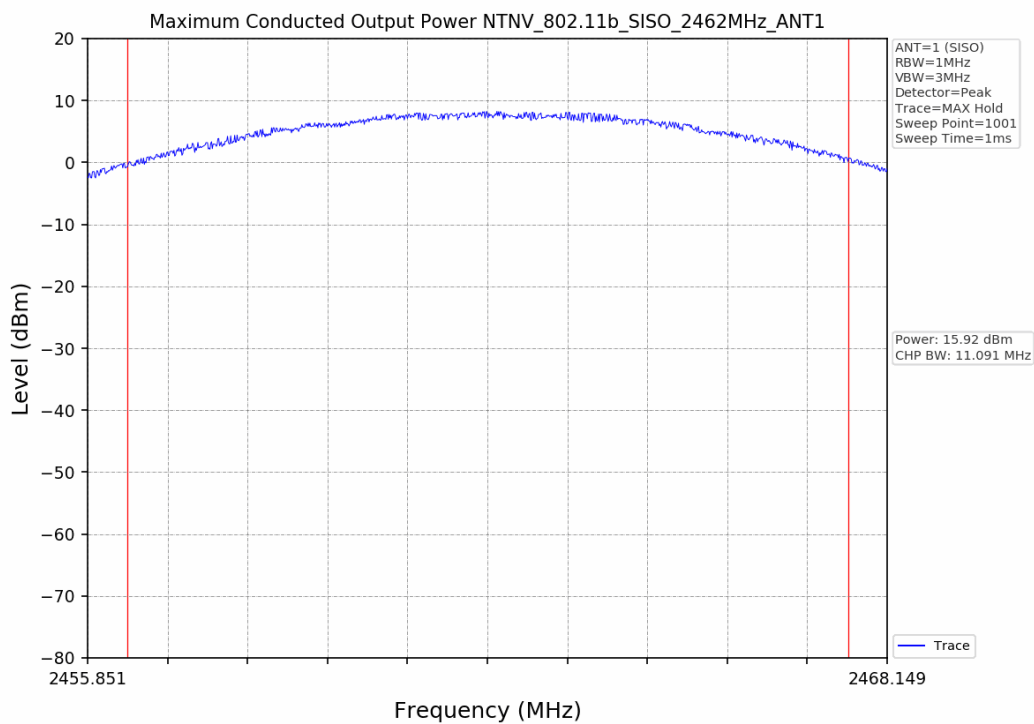
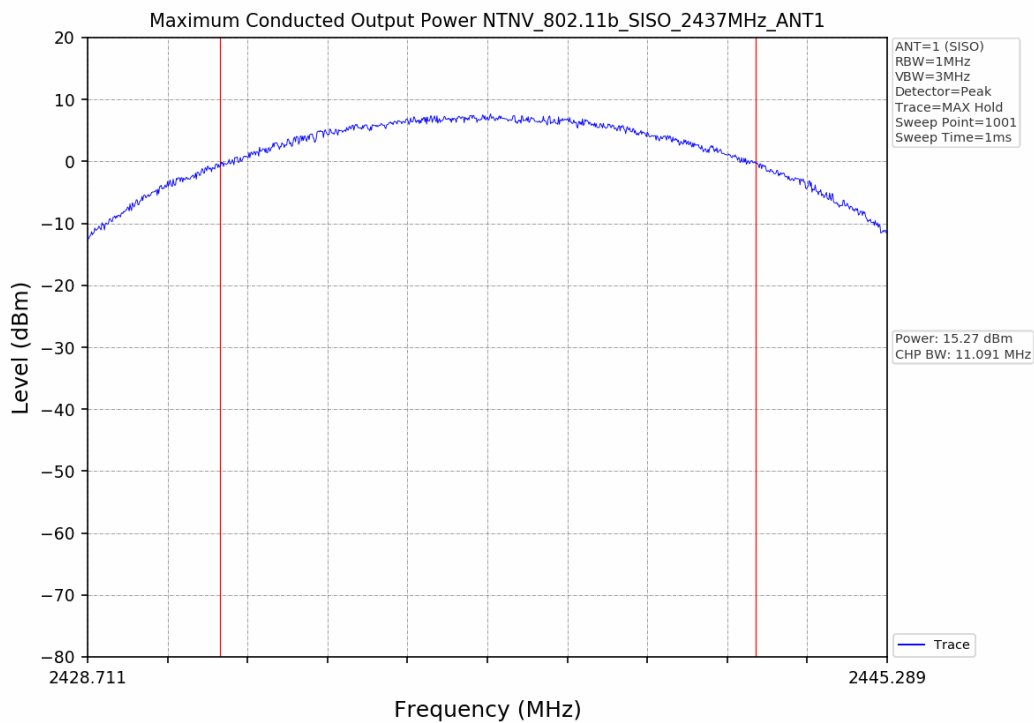
## 2. Maximum Conducted Output Power

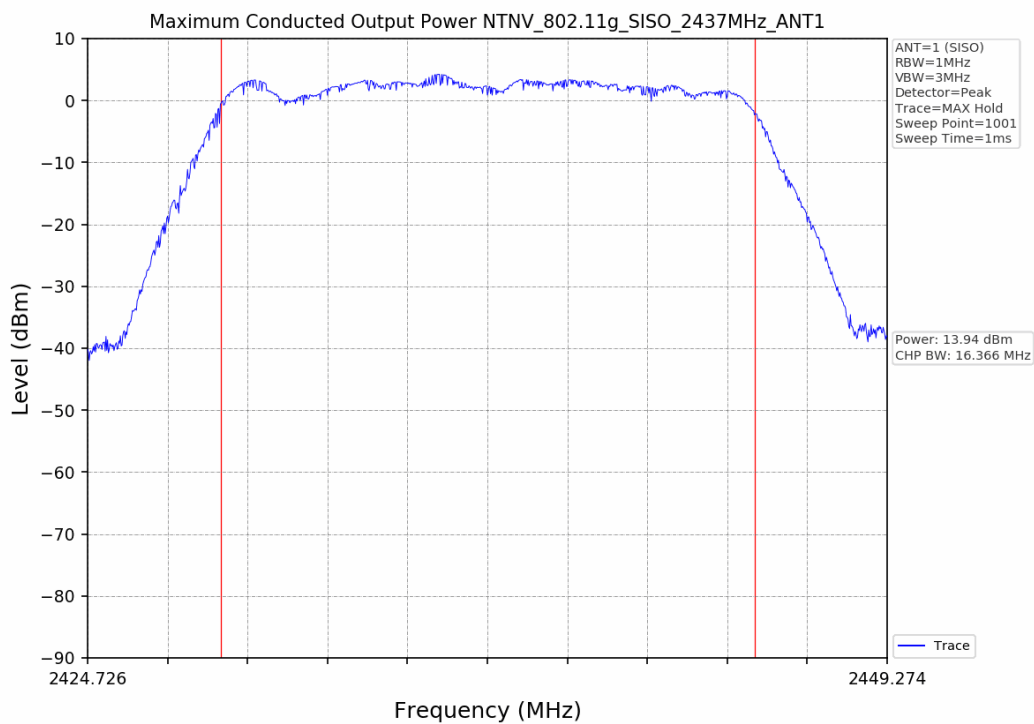
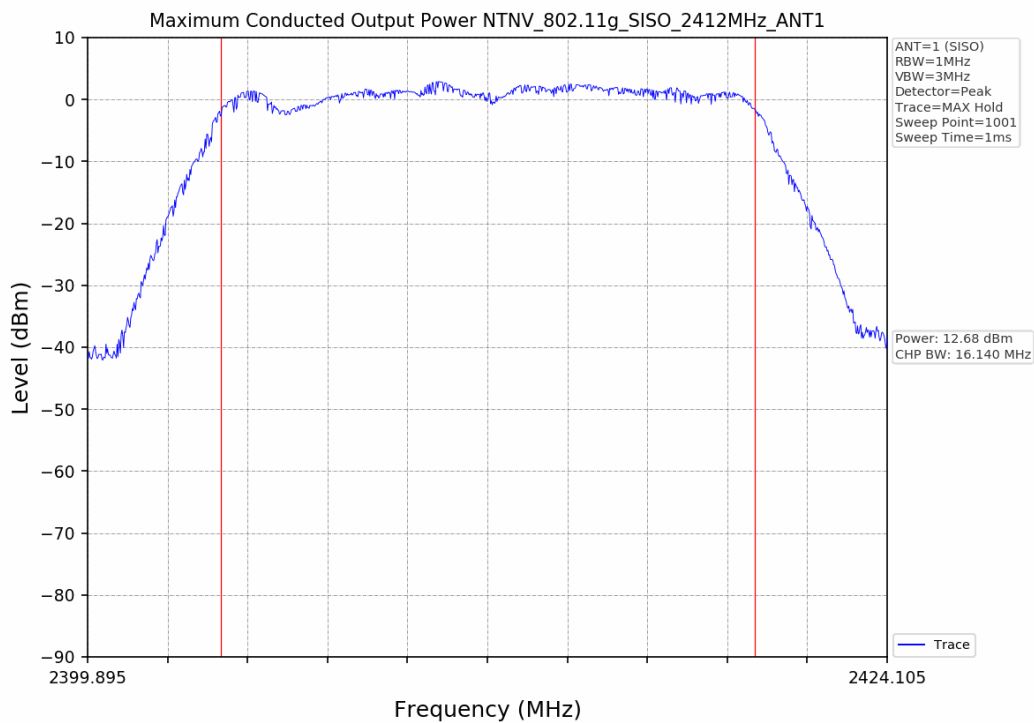
### 2.1 Test Result

| Test Mode     | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|---------------|-----------------|---------|----------------------------------|--------------|---------|
|               |                 |         | Ant 1                            |              |         |
| 802.11b       | 2412            | SISO    | 14.43                            | 30           | PASS    |
|               | 2437            | SISO    | 15.27                            | 30           | PASS    |
|               | 2462            | SISO    | 15.92                            | 30           | PASS    |
| 802.11g       | 2412            | SISO    | 12.68                            | 30           | PASS    |
|               | 2437            | SISO    | 13.94                            | 30           | PASS    |
|               | 2462            | SISO    | 14.60                            | 30           | PASS    |
| 802.11n(HT20) | 2412            | SISO    | 10.96                            | 30           | PASS    |
|               | 2437            | SISO    | 11.99                            | 30           | PASS    |
|               | 2462            | SISO    | 12.81                            | 30           | PASS    |
| 802.11n(HT40) | 2422            | SISO    | 11.90                            | 30           | PASS    |
|               | 2437            | SISO    | 12.30                            | 30           | PASS    |
|               | 2452            | SISO    | 12.61                            | 30           | PASS    |

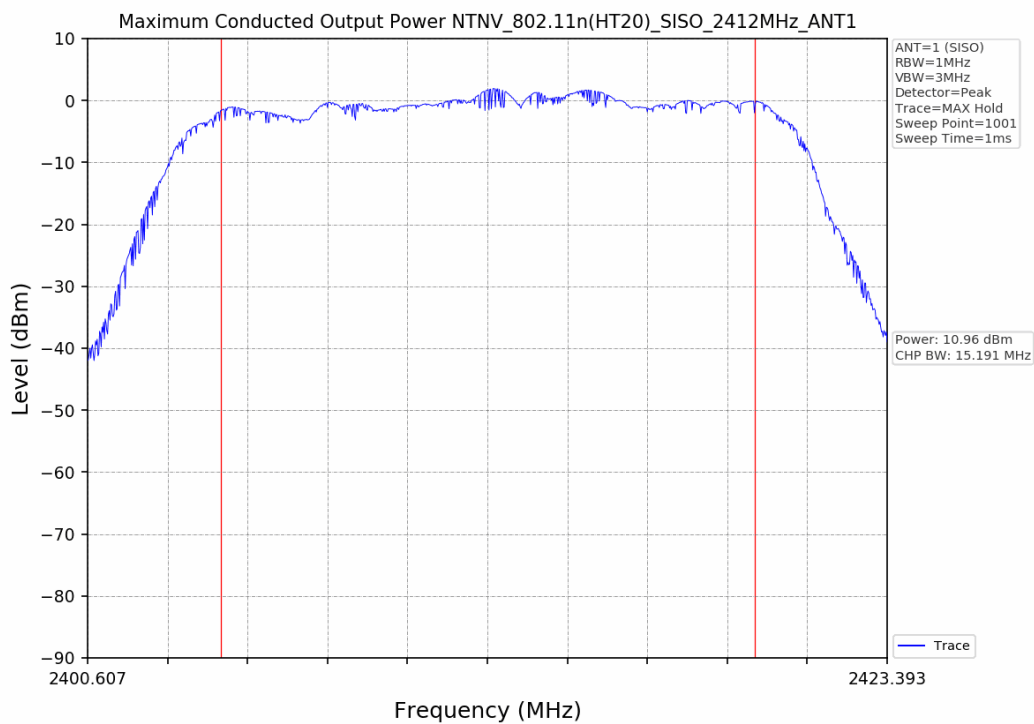
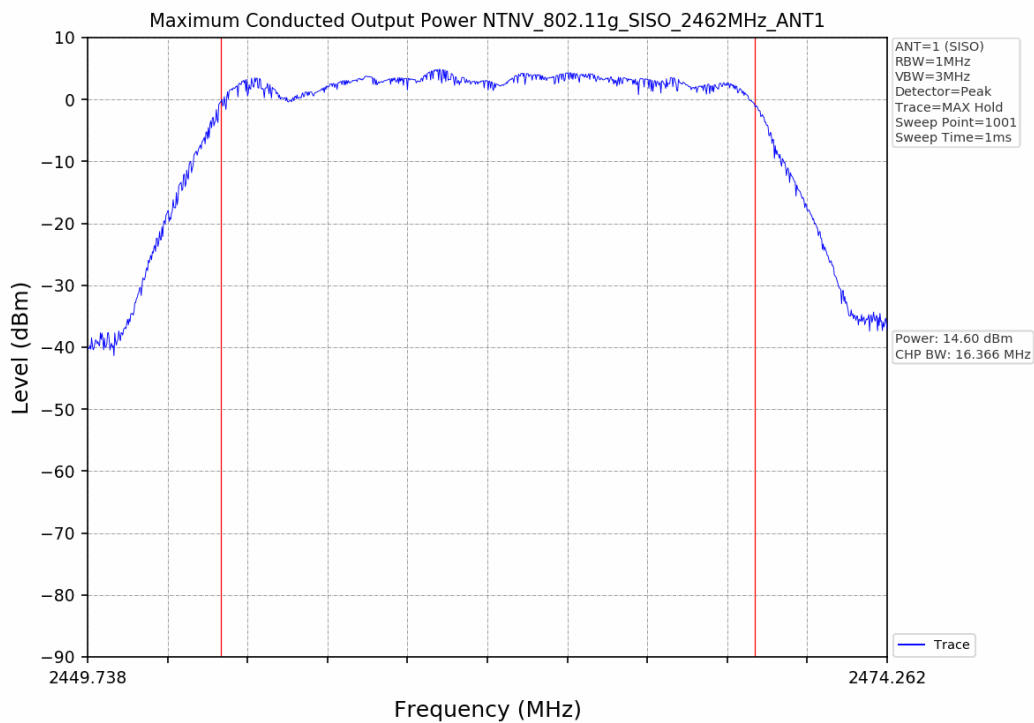
### 3.2 Test Graph

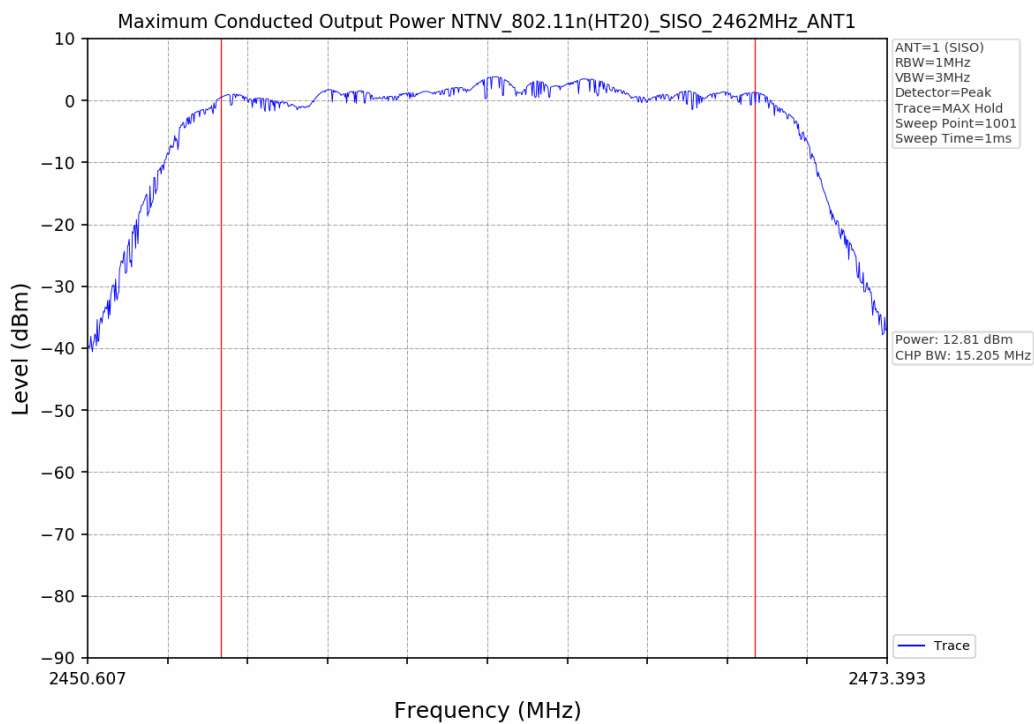
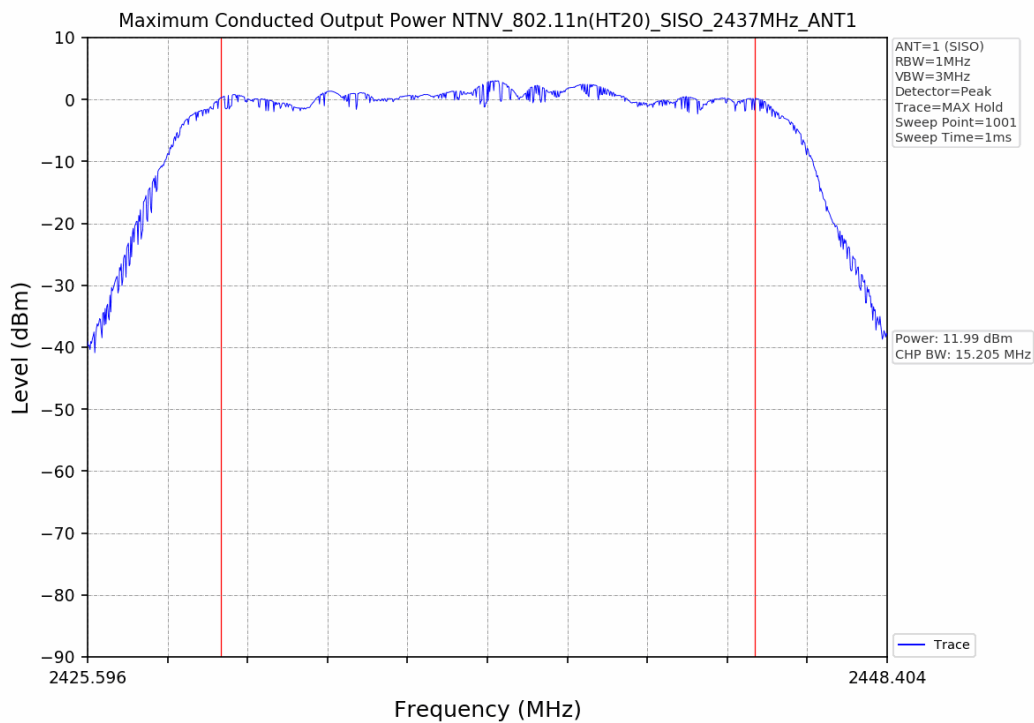


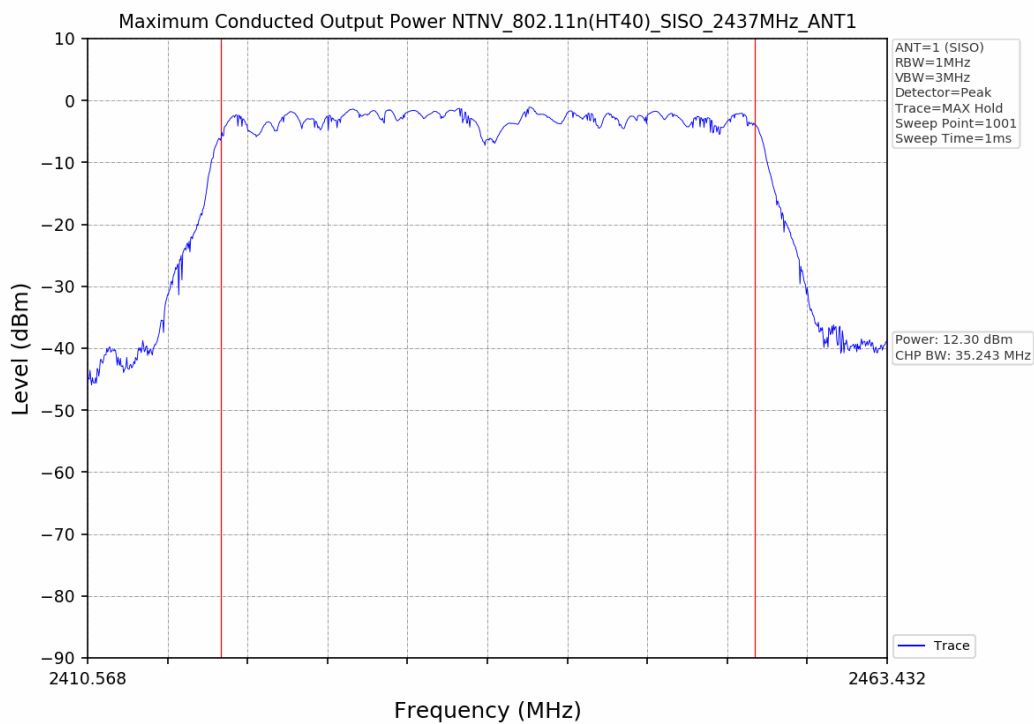
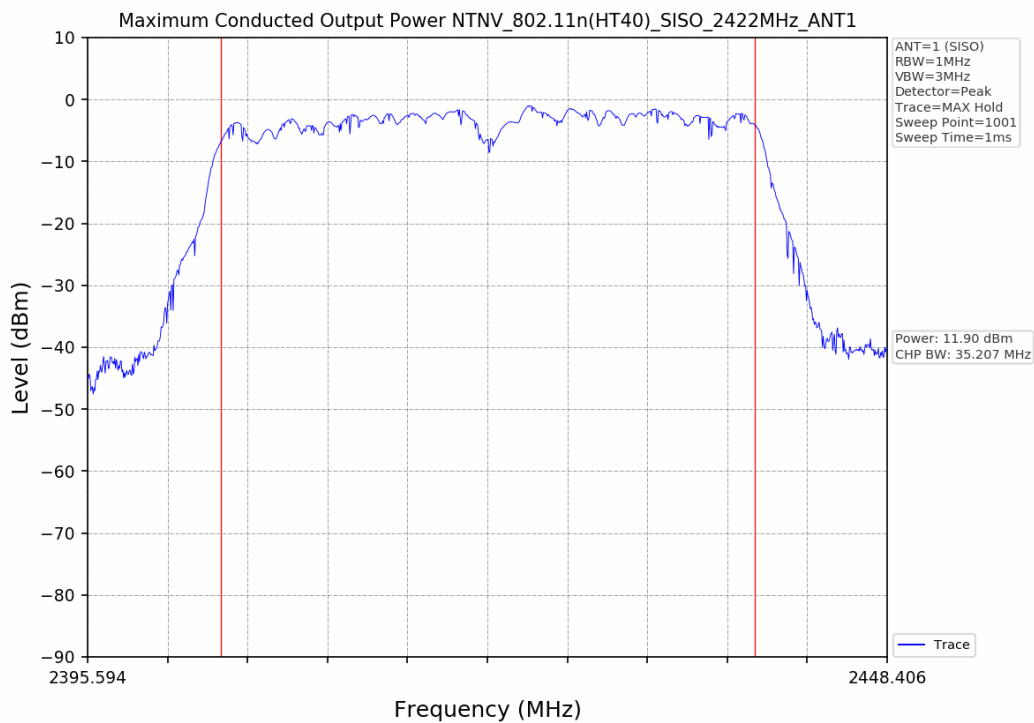


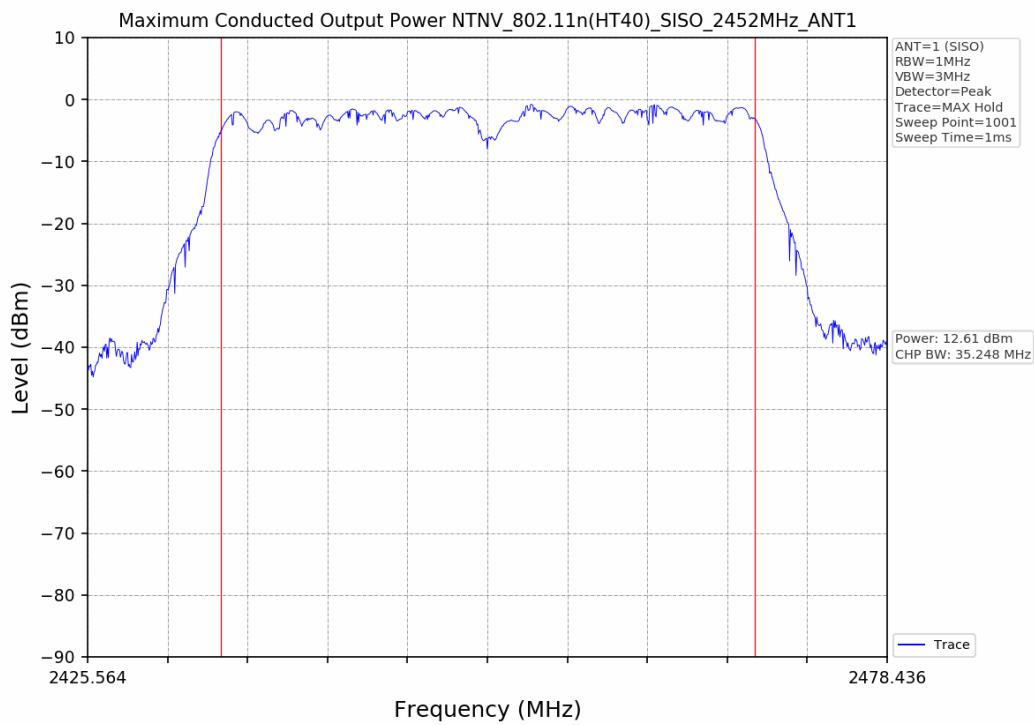










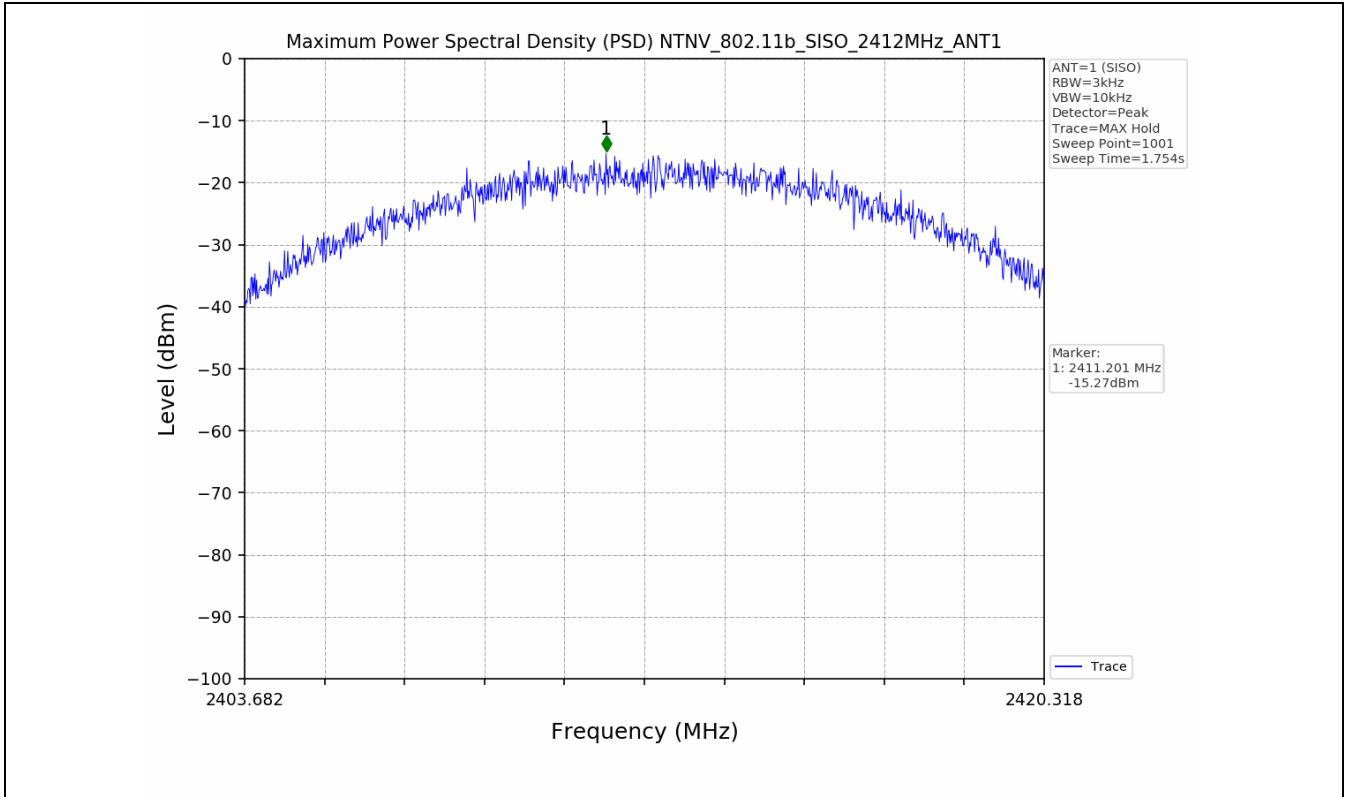


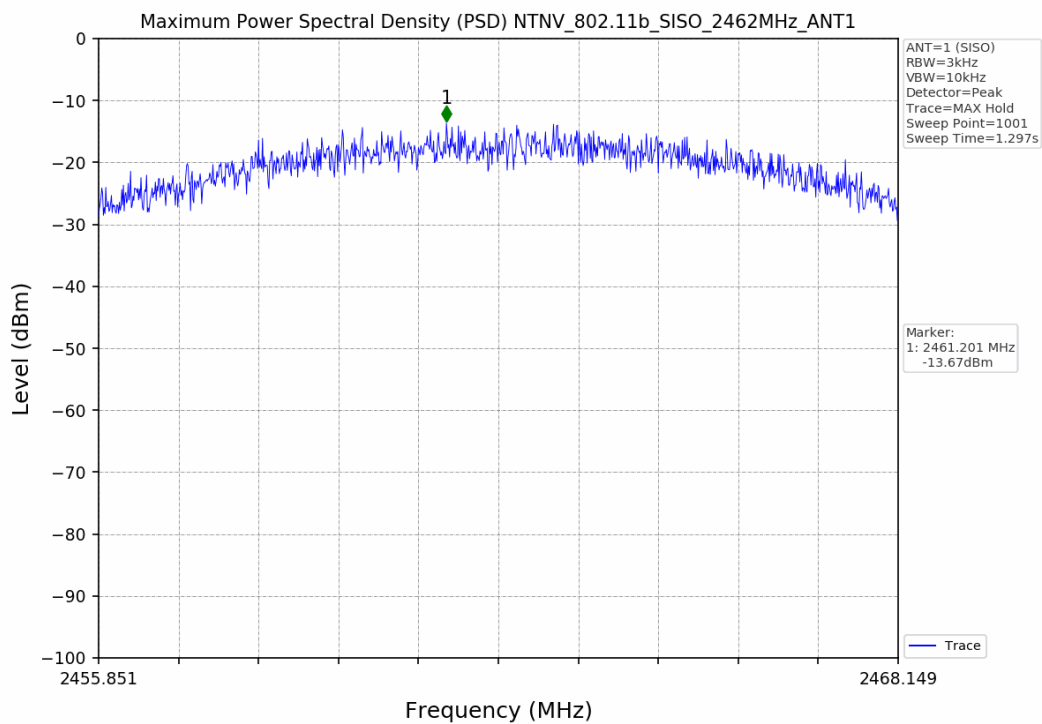
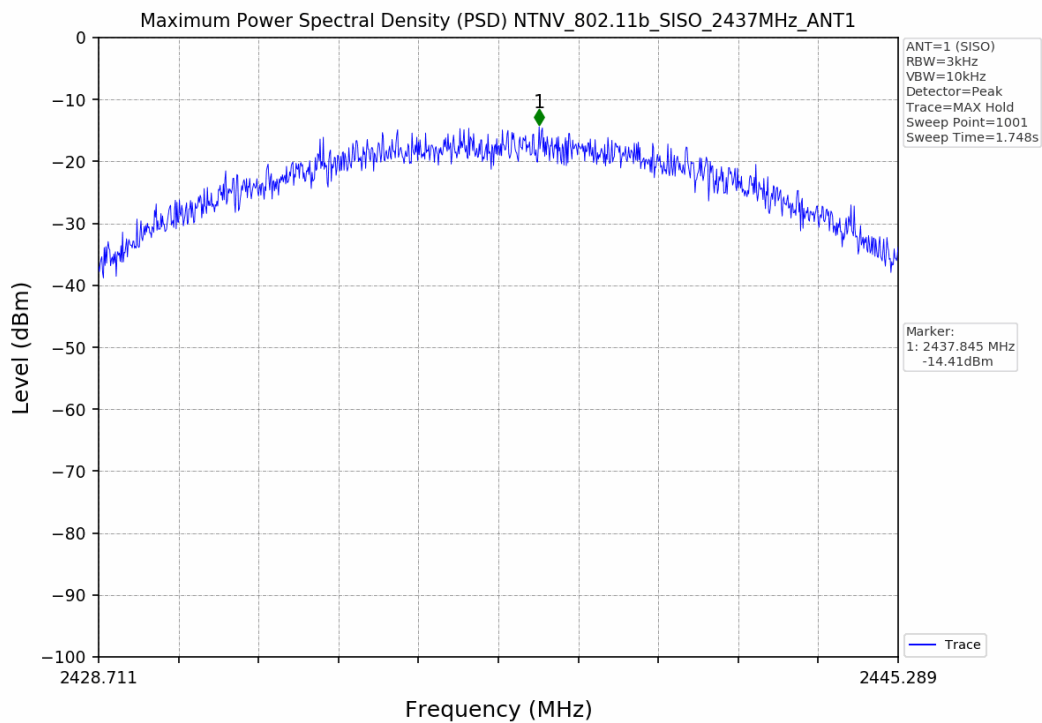
### 3. Maximum Power Spectral Density (PSD)

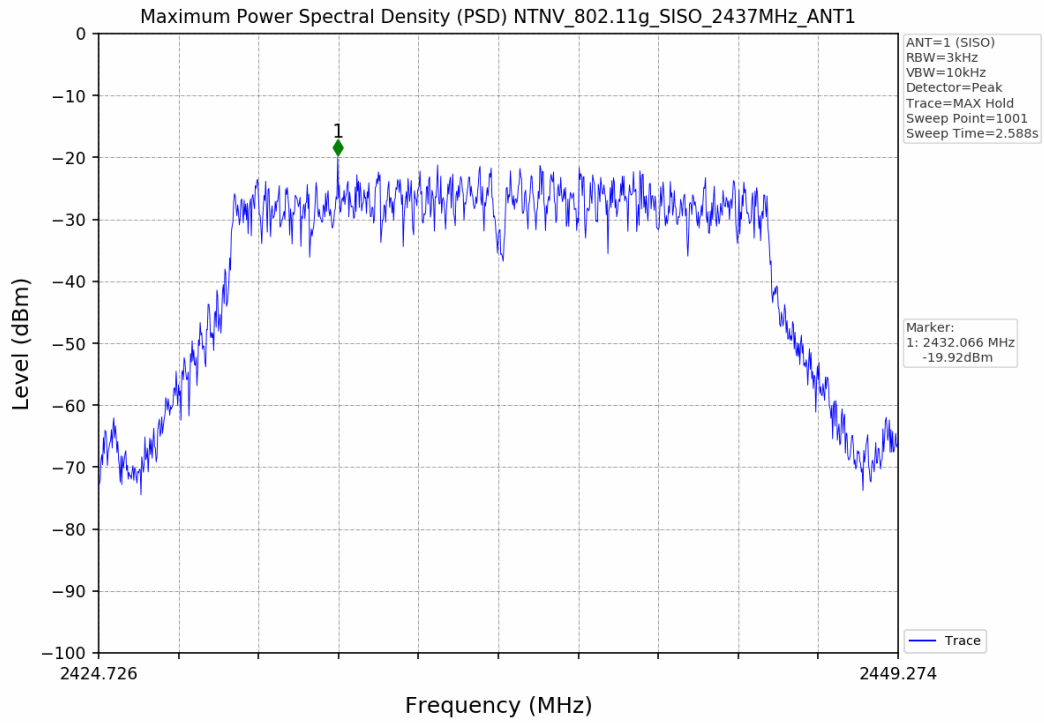
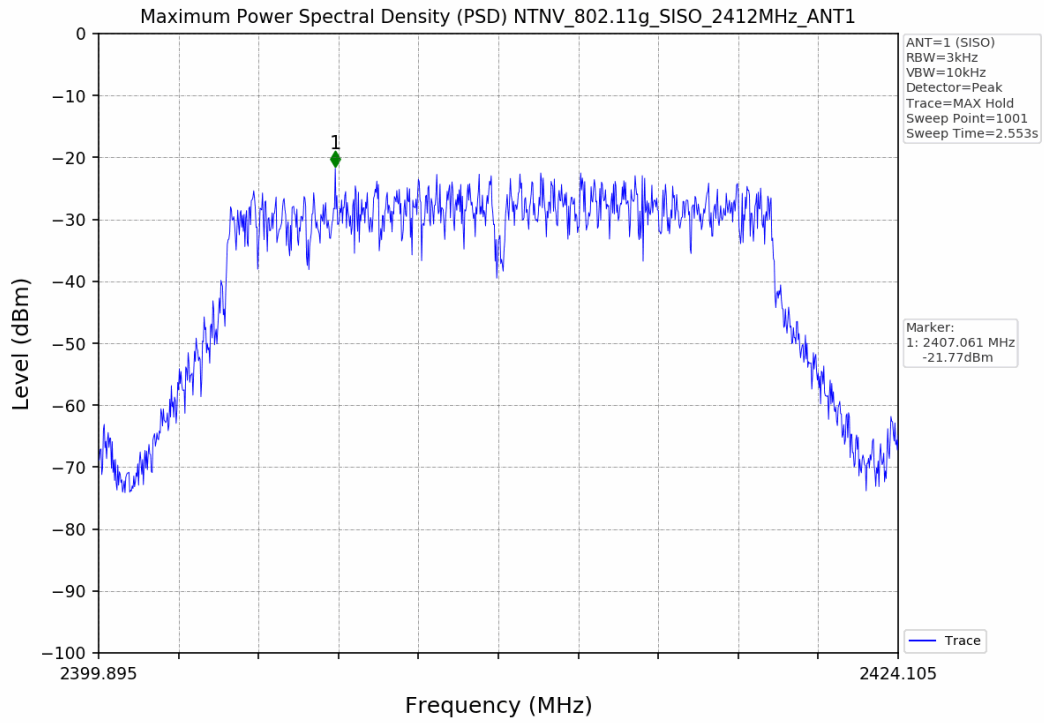
#### 3.1 Test Result

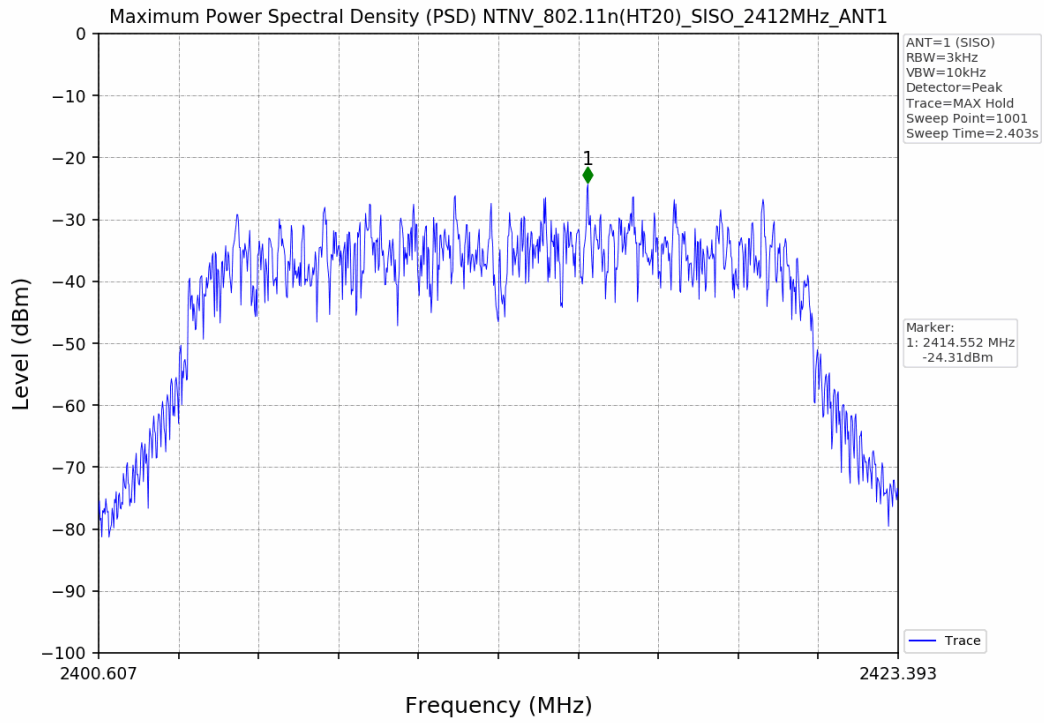
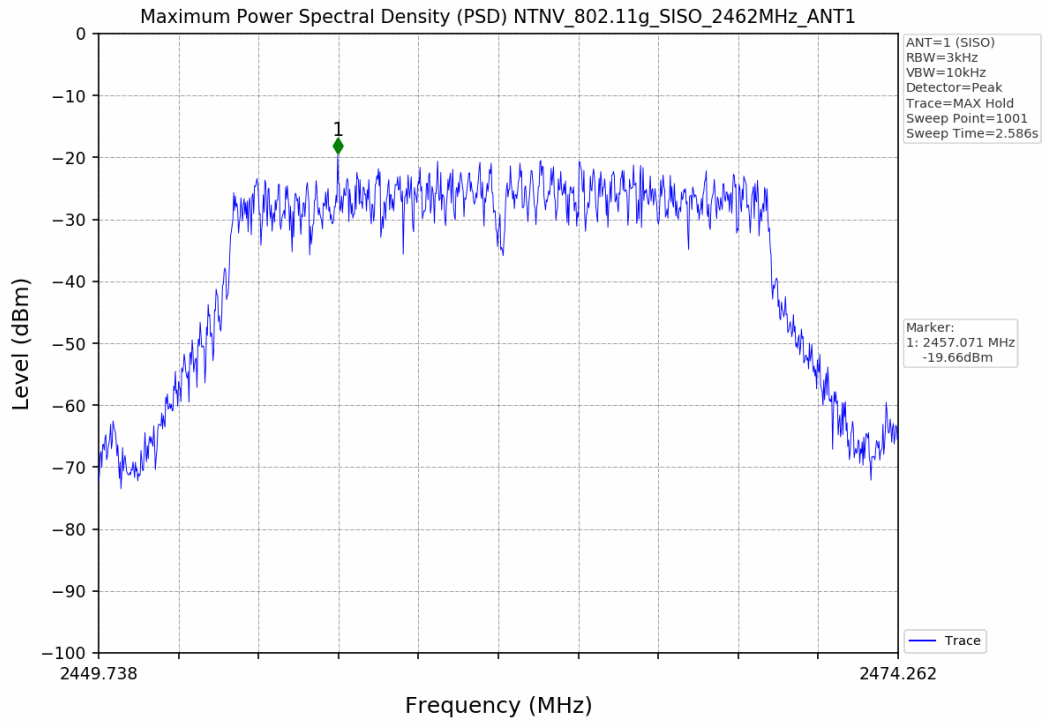
| Test Mode     | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/3KHz) | Limits (dBm/3kHz) | Verdict |
|---------------|-----------------|---------|-------------------------------------------|-------------------|---------|
|               |                 |         | Ant 1                                     |                   |         |
| 802.11b       | 2412            | SISO    | -15.27                                    | ≤8                | PASS    |
|               | 2437            | SISO    | -14.41                                    | ≤8                | PASS    |
|               | 2462            | SISO    | -13.67                                    | ≤8                | PASS    |
| 802.11g       | 2412            | SISO    | -21.77                                    | ≤8                | PASS    |
|               | 2437            | SISO    | -19.92                                    | ≤8                | PASS    |
|               | 2462            | SISO    | -19.66                                    | ≤8                | PASS    |
| 802.11n(HT20) | 2412            | SISO    | -24.31                                    | ≤8                | PASS    |
|               | 2437            | SISO    | -23.44                                    | ≤8                | PASS    |
|               | 2462            | SISO    | -22.49                                    | ≤8                | PASS    |
| 802.11n(HT40) | 2422            | SISO    | -27.38                                    | ≤8                | PASS    |
|               | 2437            | SISO    | -26.75                                    | ≤8                | PASS    |
|               | 2452            | SISO    | -26.84                                    | ≤8                | PASS    |

#### 4.2 Test Graph

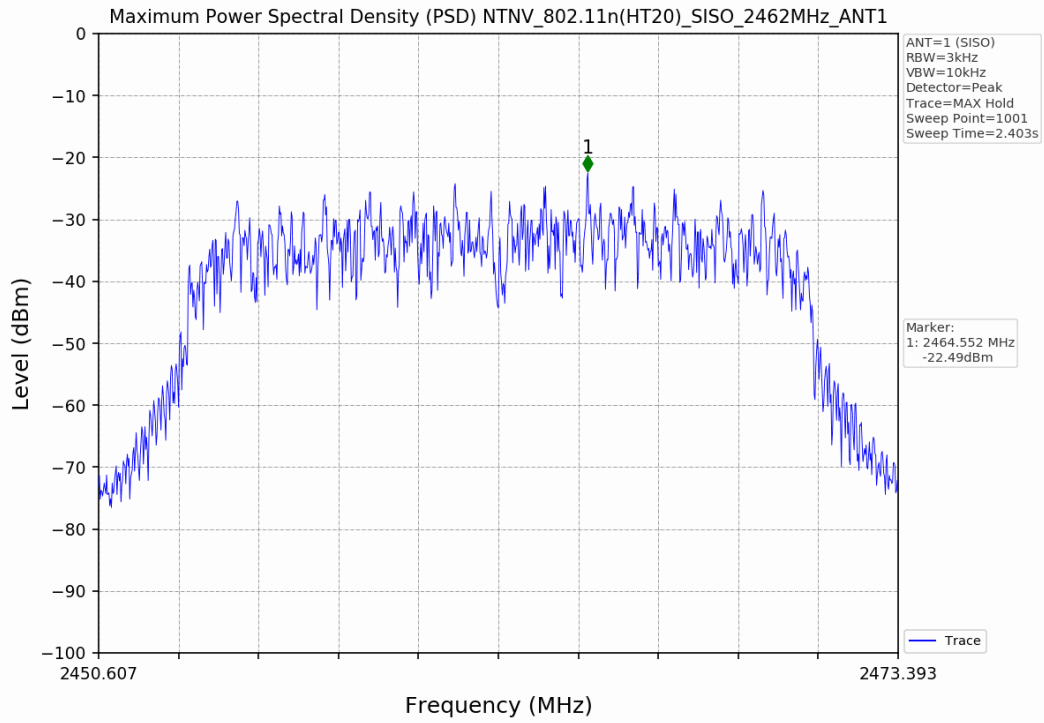
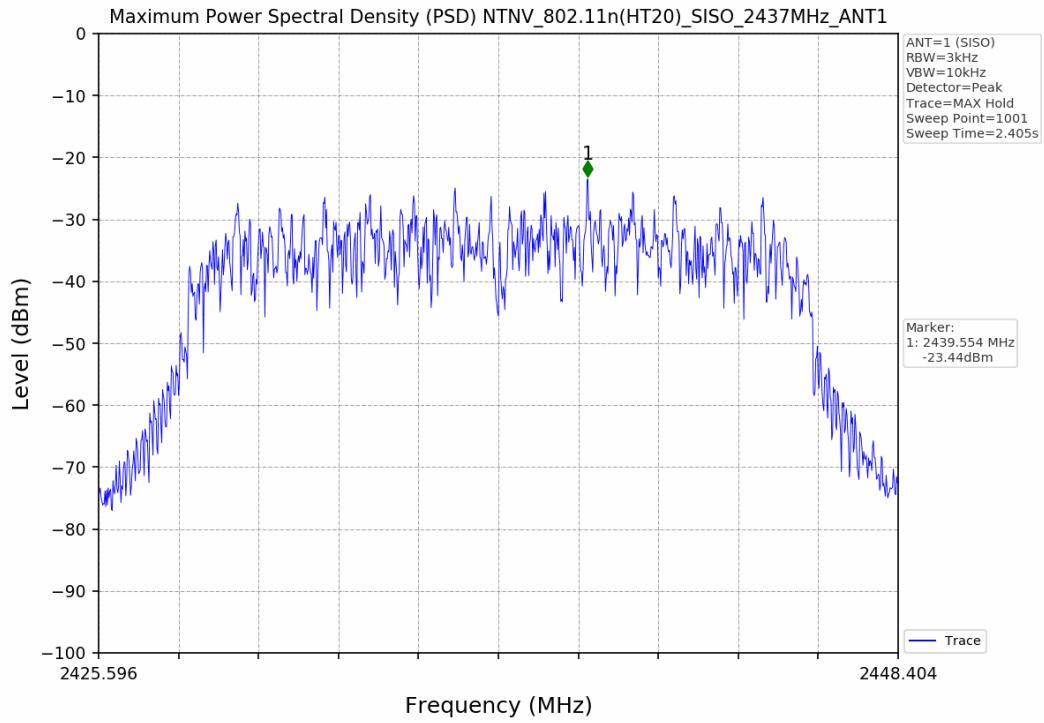


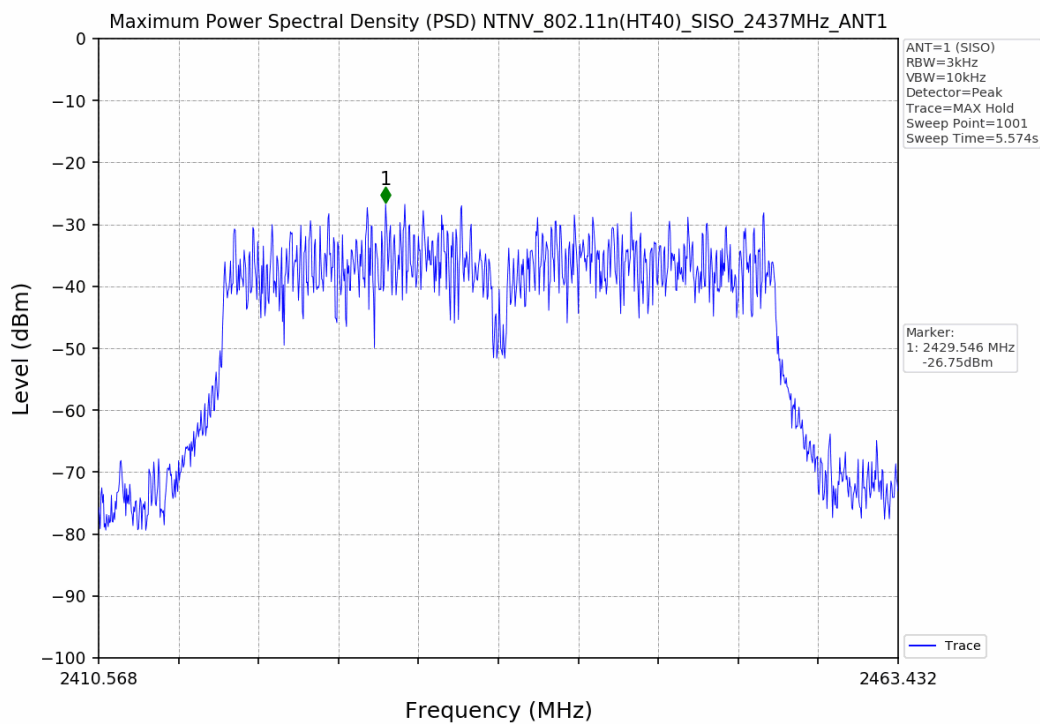
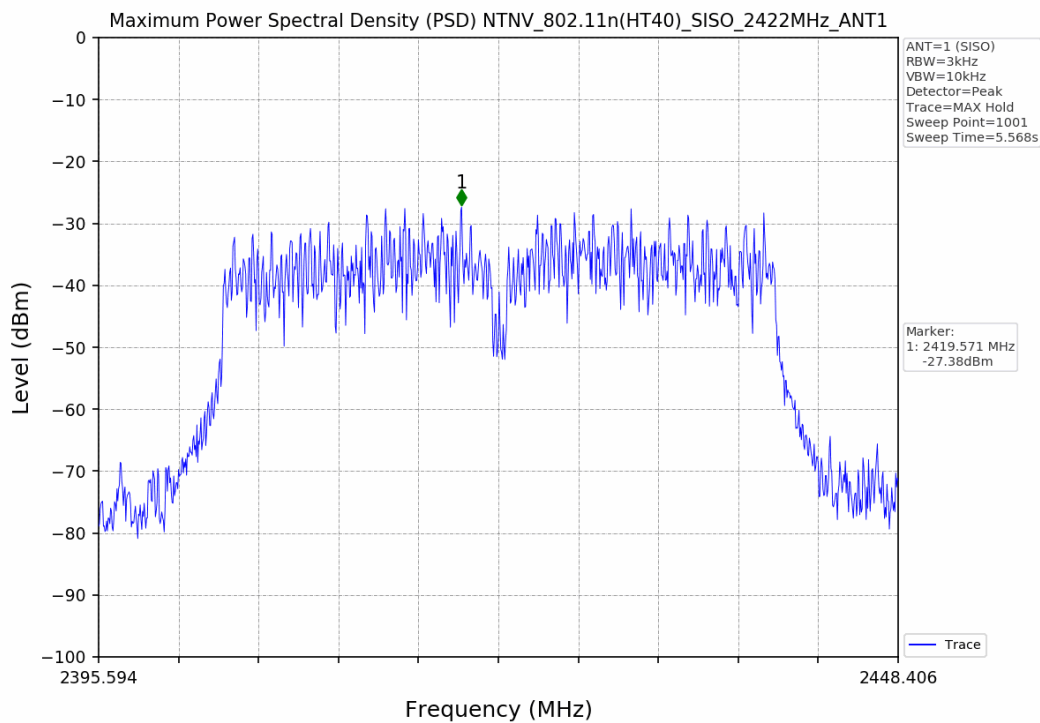


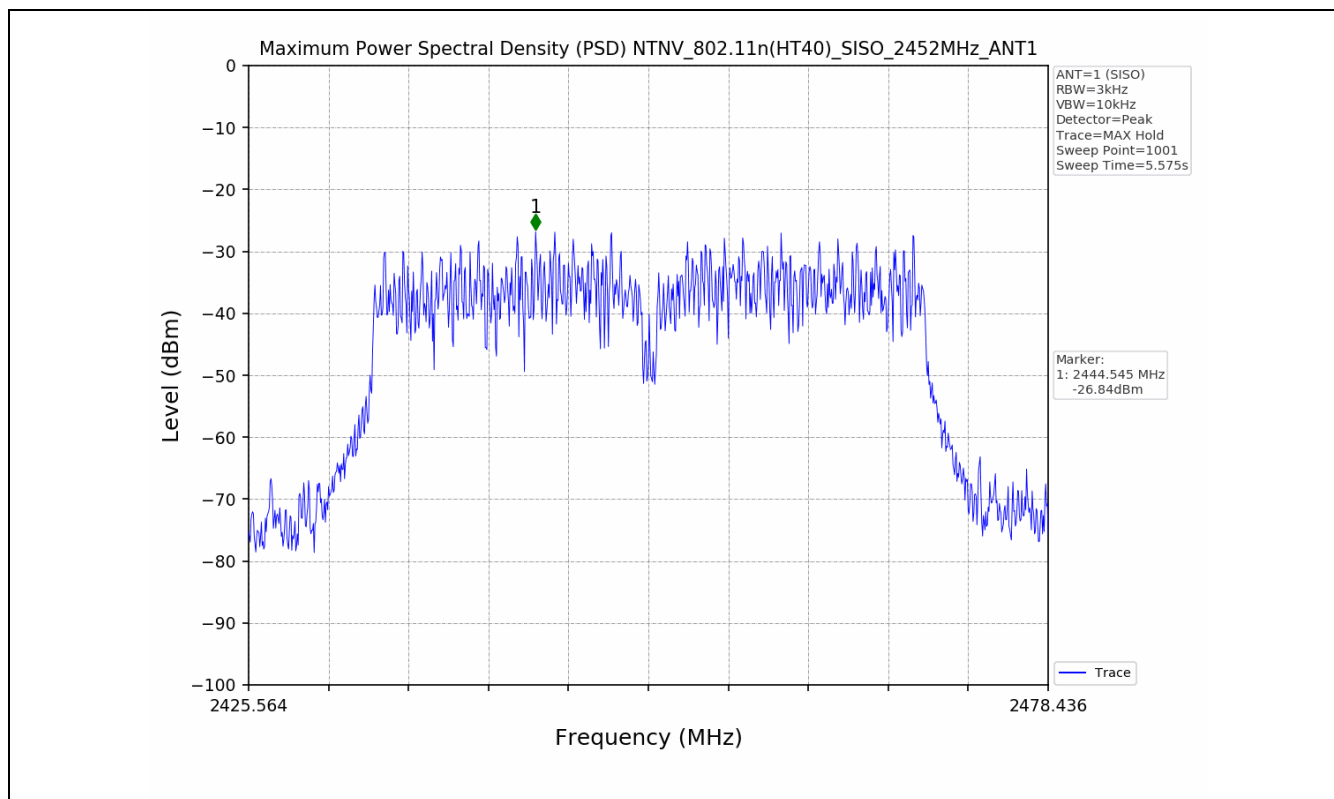












## 4. Unwanted Emissions in Non-restricted Frequency Bands

### 4.1 Test Result

| Test Mode     | Frequency (MHz) | TX Type | ANT No. | Spurious Conducted Emission (dBm) | Limits (dBm) | Verdict |
|---------------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| 802.11b       | 2412            | SISO    | 1       | Refer to test graph               | -18.36       | PASS    |
|               | 2437            | SISO    | 1       | Refer to test graph               | -18.36       | PASS    |
|               | 2462            | SISO    | 1       | Refer to test graph               | -18.36       | PASS    |
| 802.11g       | 2412            | SISO    | 1       | Refer to test graph               | -22.88       | PASS    |
|               | 2437            | SISO    | 1       | Refer to test graph               | -22.88       | PASS    |
|               | 2462            | SISO    | 1       | Refer to test graph               | -22.88       | PASS    |
| 802.11n(HT20) | 2412            | SISO    | 1       | Refer to test graph               | -22.68       | PASS    |
|               | 2437            | SISO    | 1       | Refer to test graph               | -22.68       | PASS    |
|               | 2462            | SISO    | 1       | Refer to test graph               | -22.68       | PASS    |
| 802.11n(HT40) | 2422            | SISO    | 1       | Refer to test graph               | -26.89       | PASS    |
|               | 2437            | SISO    | 1       | Refer to test graph               | -26.89       | PASS    |
|               | 2452            | SISO    | 1       | Refer to test graph               | -26.89       | PASS    |

### 4.2 Test Graph

