



## Appendix for 15.407

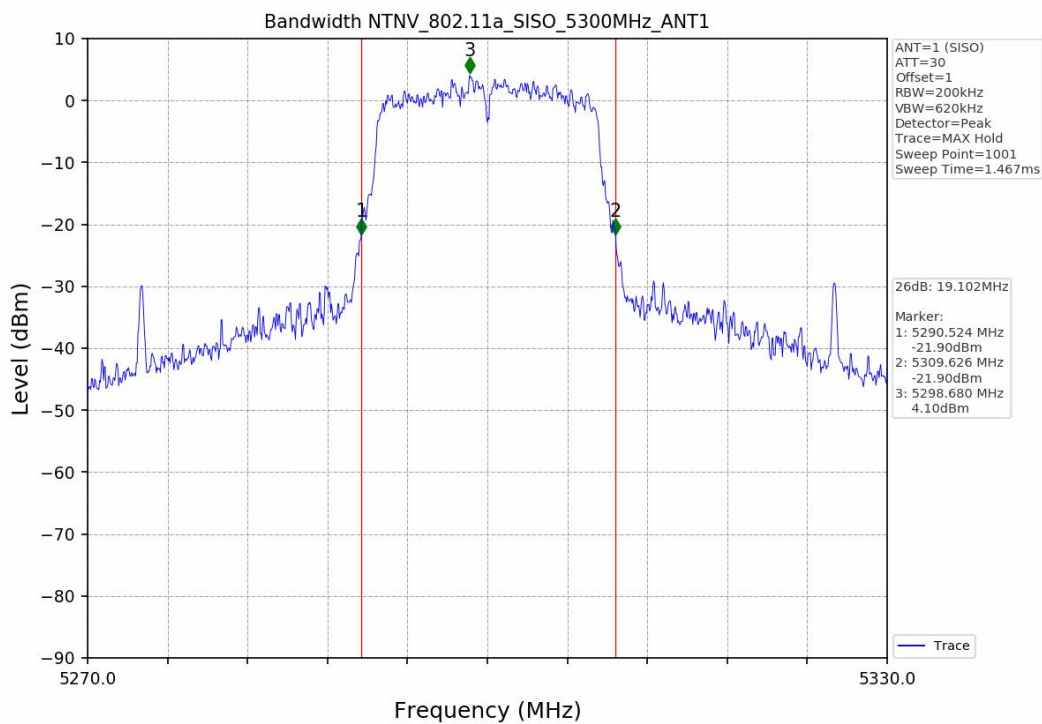
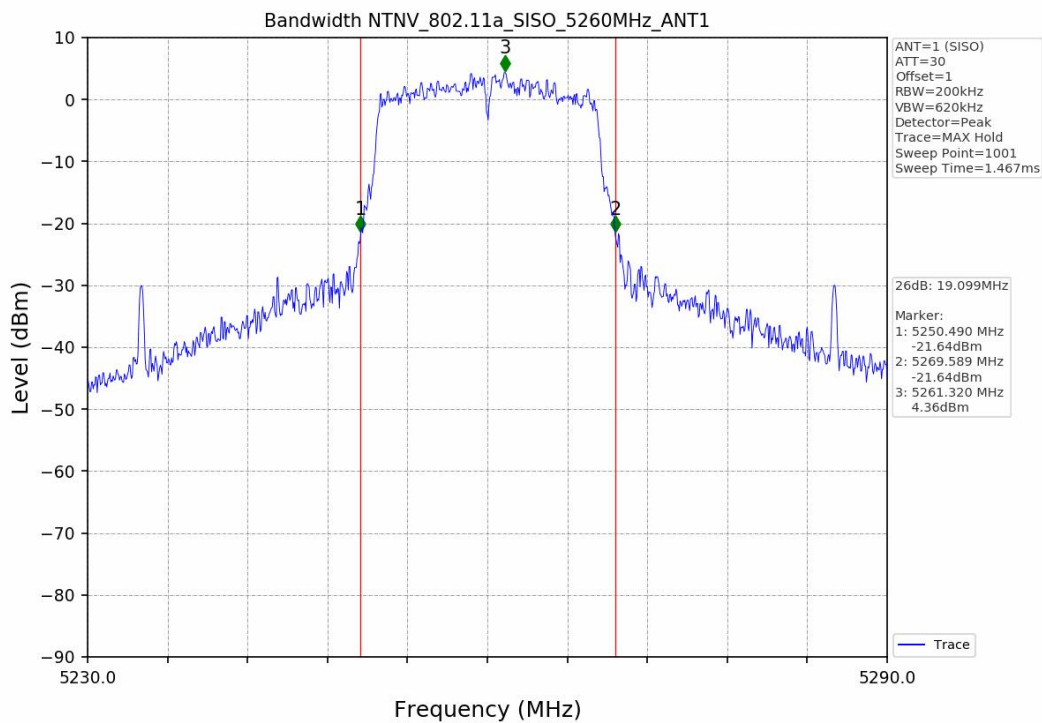
### 1. Bandwidth

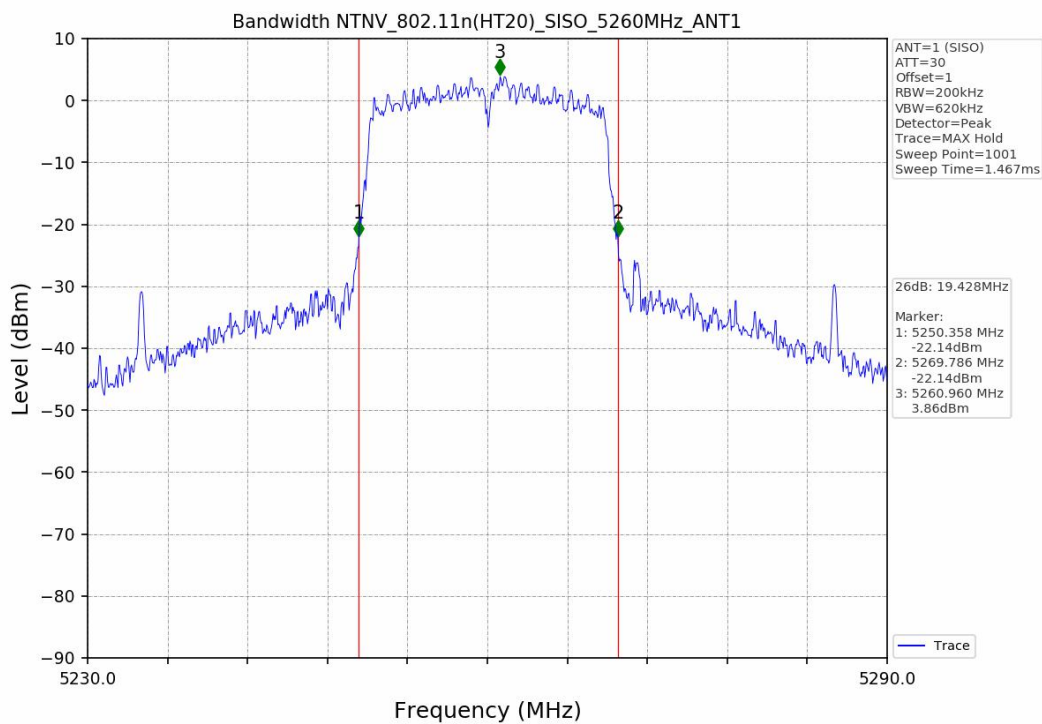
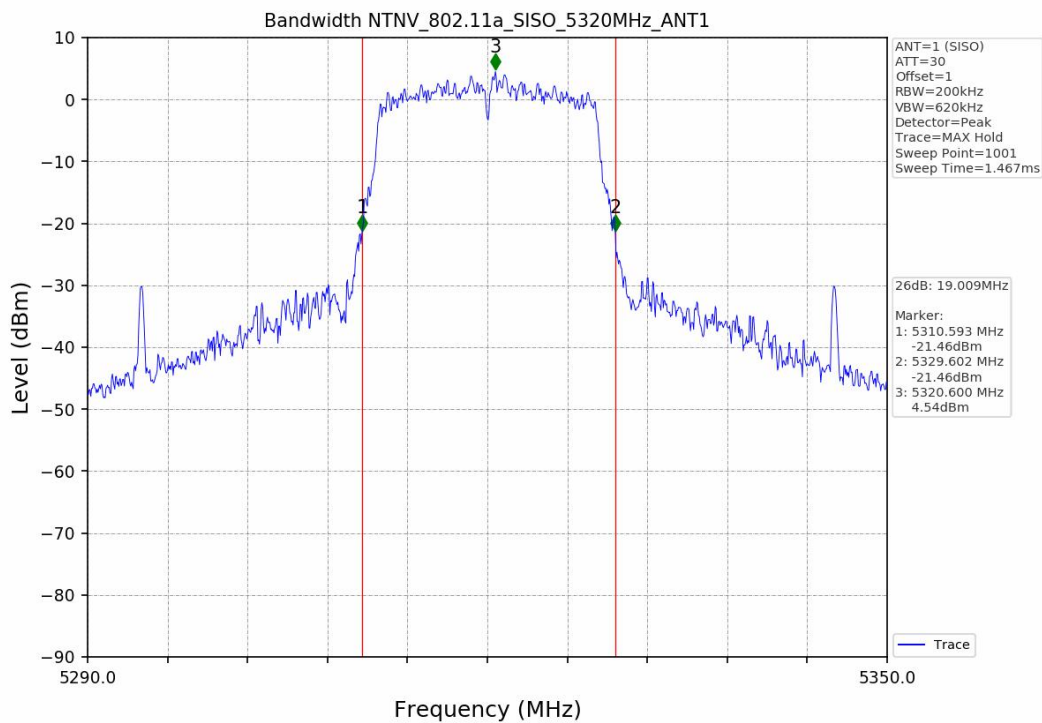
#### 1.1 Test Result

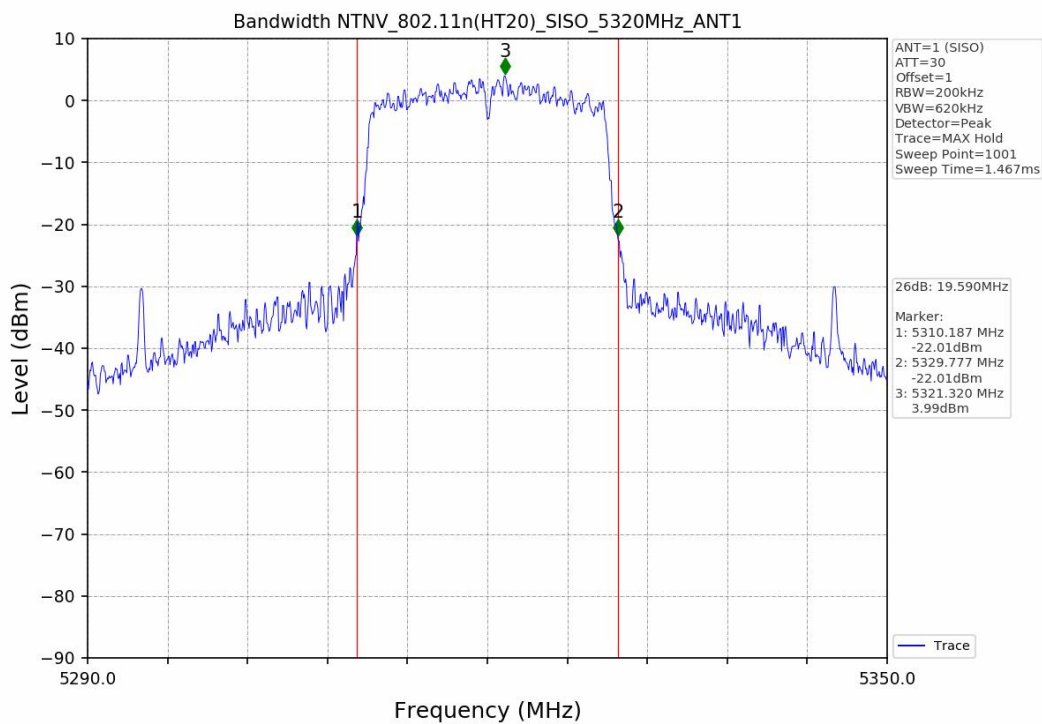
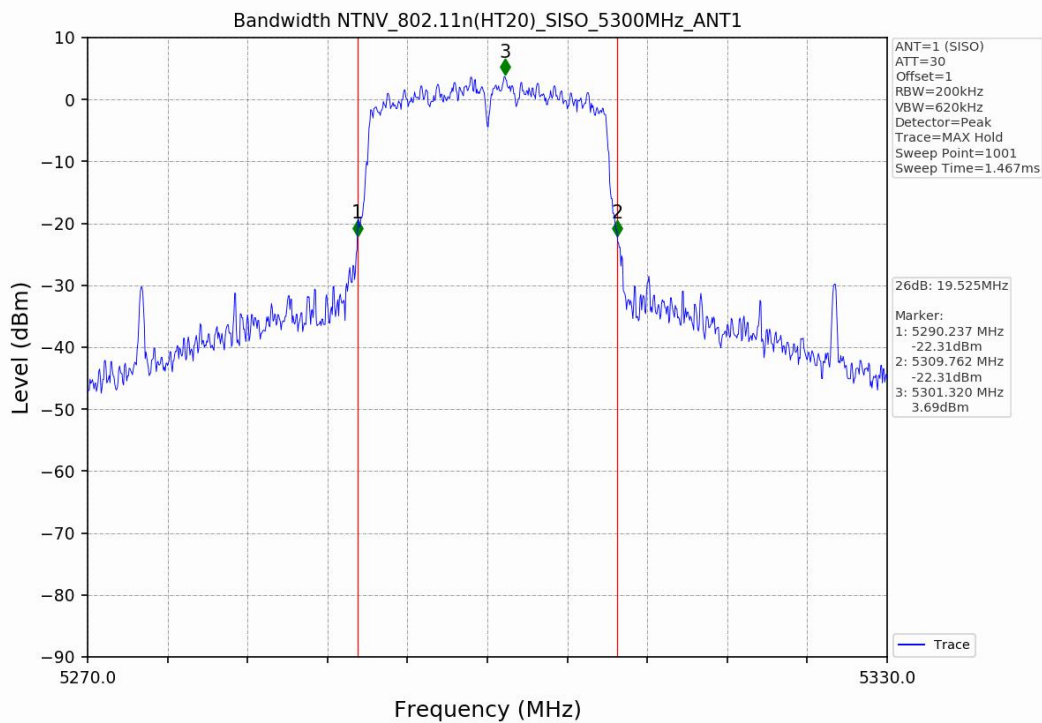
| Test Mode       | Frequency (MHz) | TX Type | ANT No. | Emission Bandwidth |                     | Verdict |
|-----------------|-----------------|---------|---------|--------------------|---------------------|---------|
|                 |                 |         |         | Test Result (MHz)  | Limits (MHz)        |         |
| 802.11a         | 5260            | SISO    | 1       | 19.099             | Only for Report Use | PASS    |
|                 | 5300            | SISO    | 1       | 19.102             | Only for Report Use | PASS    |
|                 | 5320            | SISO    | 1       | 19.009             | Only for Report Use | PASS    |
| 802.11n(HT20)   | 5260            | SISO    | 1       | 19.428             | Only for Report Use | PASS    |
|                 | 5300            | SISO    | 1       | 19.525             | Only for Report Use | PASS    |
|                 | 5320            | SISO    | 1       | 19.590             | Only for Report Use | PASS    |
| 802.11n(HT40)   | 5270            | SISO    | 1       | 39.257             | Only for Report Use | PASS    |
|                 | 5310            | SISO    | 1       | 39.297             | Only for Report Use | PASS    |
| 802.11ac(VHT20) | 5260            | SISO    | 1       | 22.745             | Only for Report Use | PASS    |
|                 | 5300            | SISO    | 1       | 20.719             | Only for Report Use | PASS    |
|                 | 5320            | SISO    | 1       | 21.708             | Only for Report Use | PASS    |
| 802.11ac(VHT40) | 5270            | SISO    | 1       | 56.696             | Only for Report Use | PASS    |
|                 | 5310            | SISO    | 1       | 54.140             | Only for Report Use | PASS    |

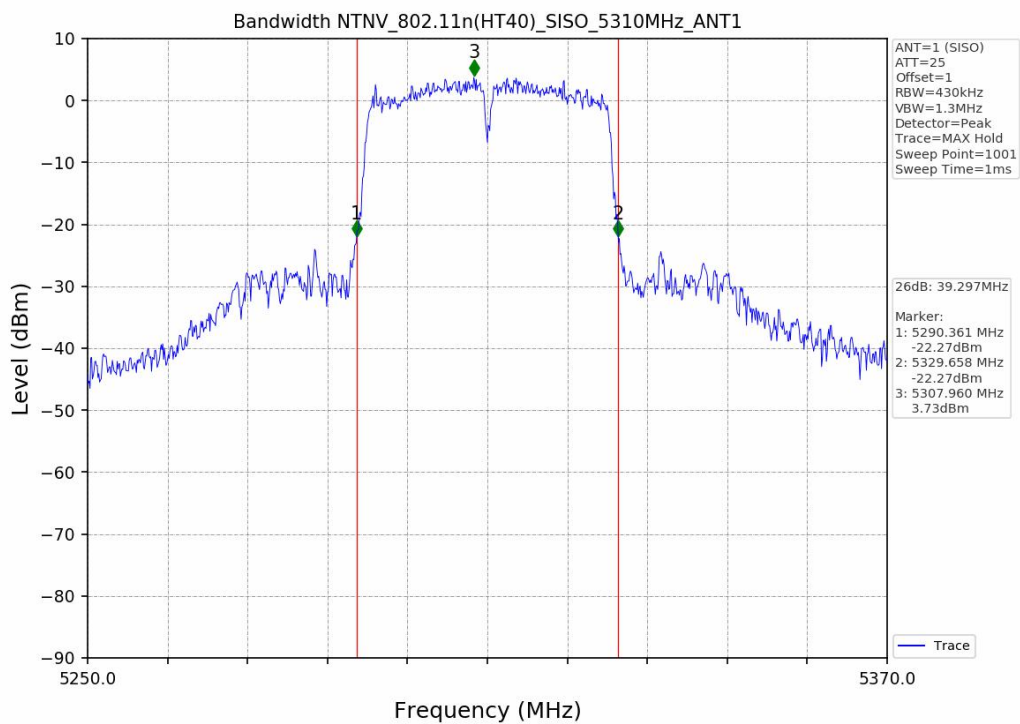
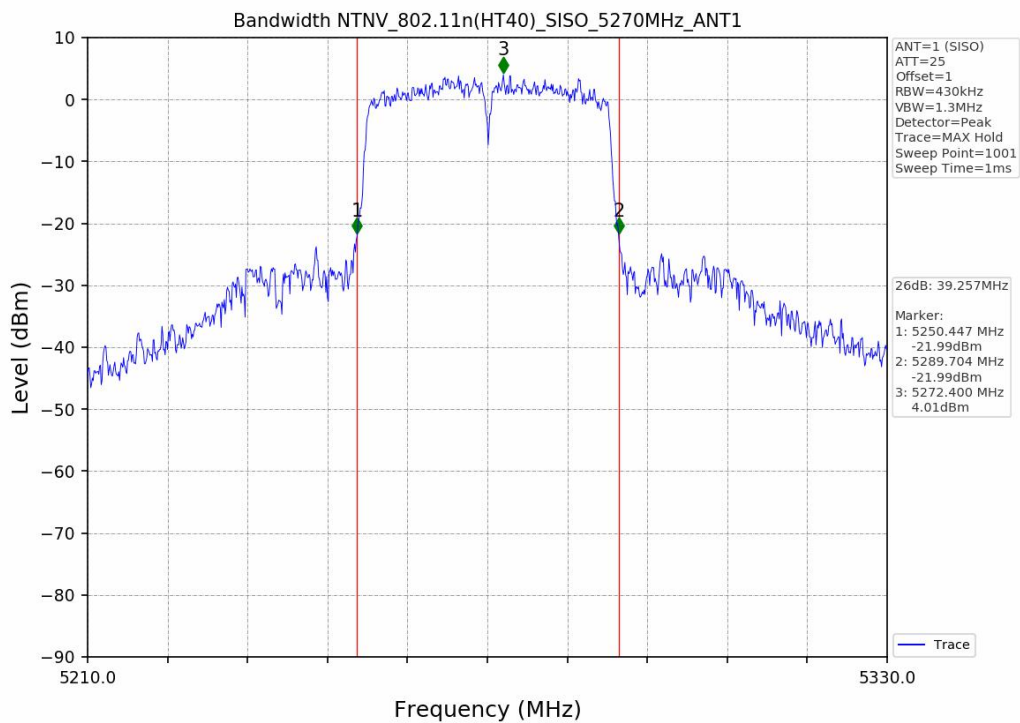
| Test Mode       | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|-----------------|-----------------|---------|---------|------------------------|---------------------|
|                 |                 |         |         | Test Result (MHz)      |                     |
| 802.11a         | 5260            | SISO    | 1       | 16.588                 | Only for Report Use |
|                 | 5300            | SISO    | 1       | 16.565                 | Only for Report Use |
|                 | 5320            | SISO    | 1       | 16.578                 | Only for Report Use |
| 802.11n(HT20)   | 5260            | SISO    | 1       | 17.712                 | Only for Report Use |
|                 | 5300            | SISO    | 1       | 17.680                 | Only for Report Use |
|                 | 5320            | SISO    | 1       | 17.703                 | Only for Report Use |
| 802.11n(HT40)   | 5270            | SISO    | 1       | 36.384                 | Only for Report Use |
|                 | 5310            | SISO    | 1       | 36.253                 | Only for Report Use |
| 802.11ac(VHT20) | 5260            | SISO    | 1       | 17.826                 | Only for Report Use |
|                 | 5300            | SISO    | 1       | 17.759                 | Only for Report Use |
|                 | 5320            | SISO    | 1       | 17.785                 | Only for Report Use |
| 802.11ac(VHT40) | 5270            | SISO    | 1       | 36.586                 | Only for Report Use |
|                 | 5310            | SISO    | 1       | 36.442                 | Only for Report Use |

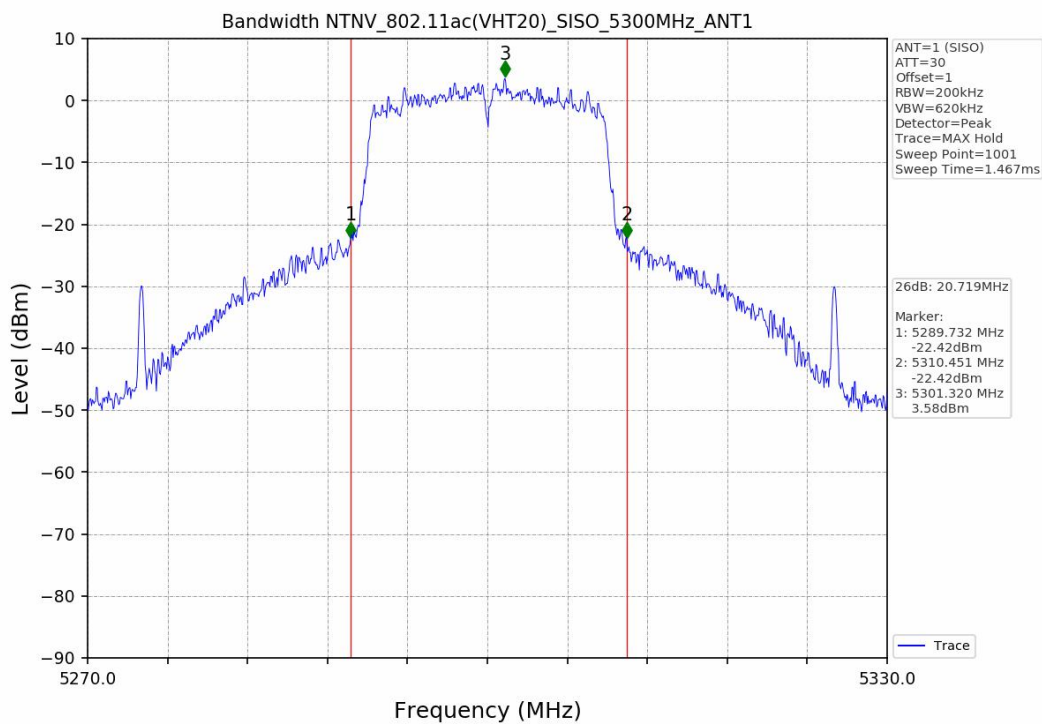
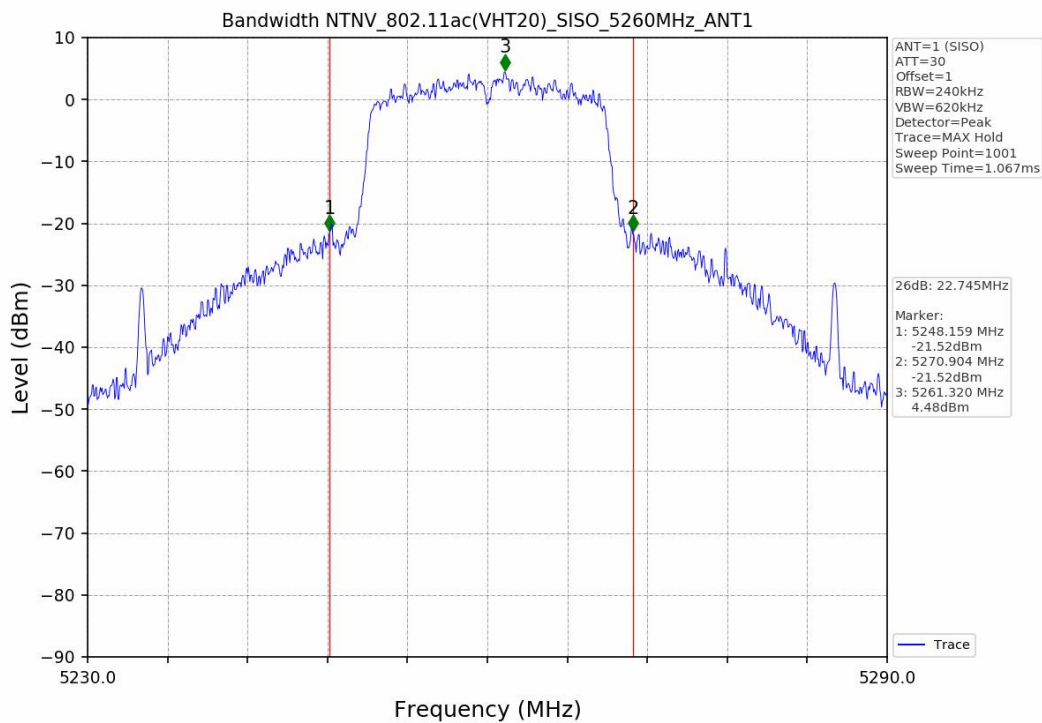
#### 1.2 Test Graph - Emission Bandwidth

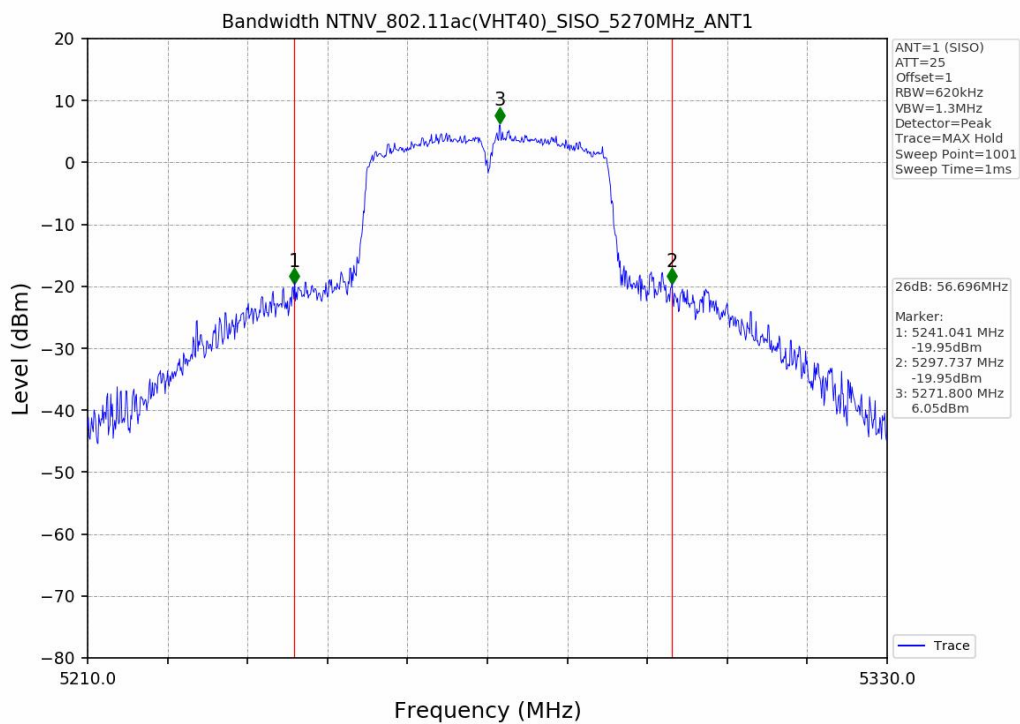
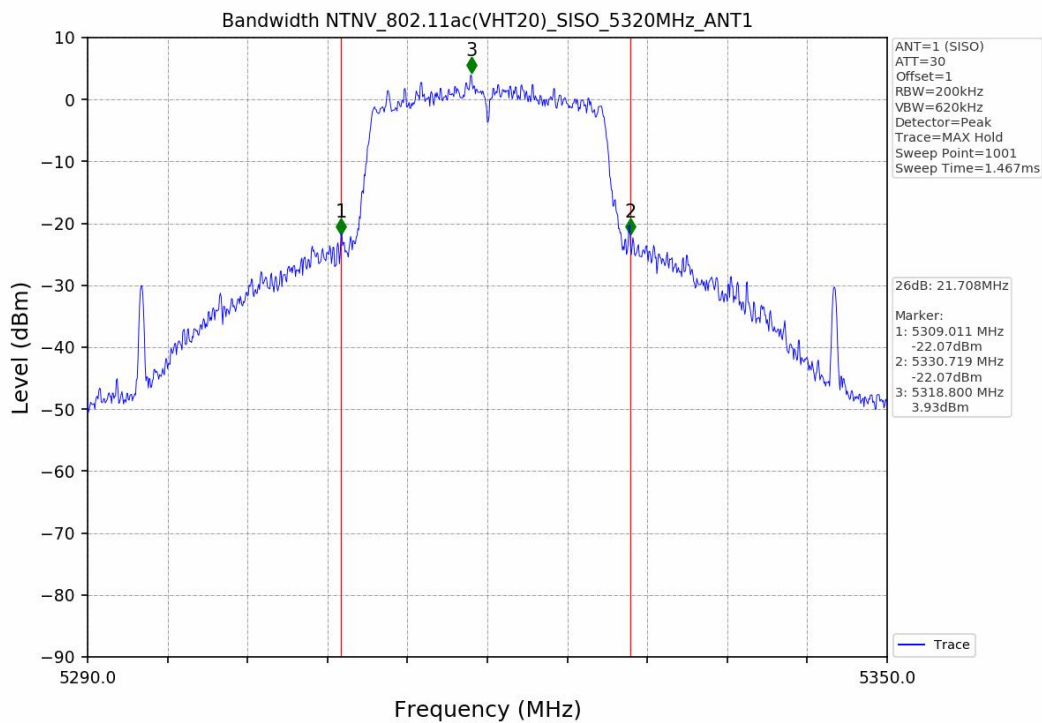


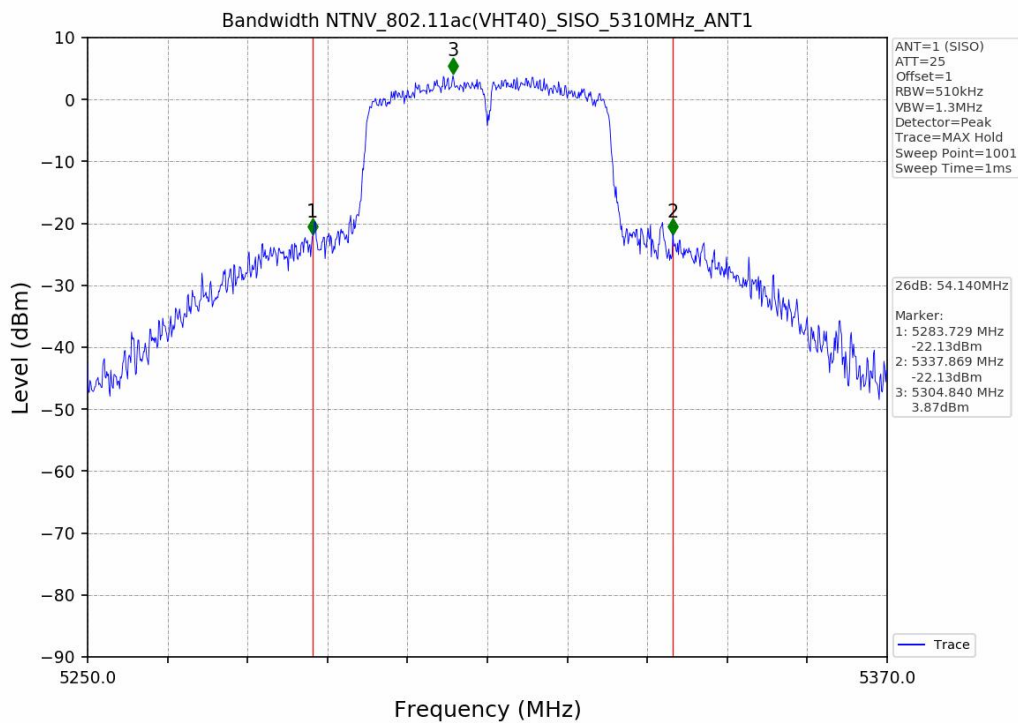




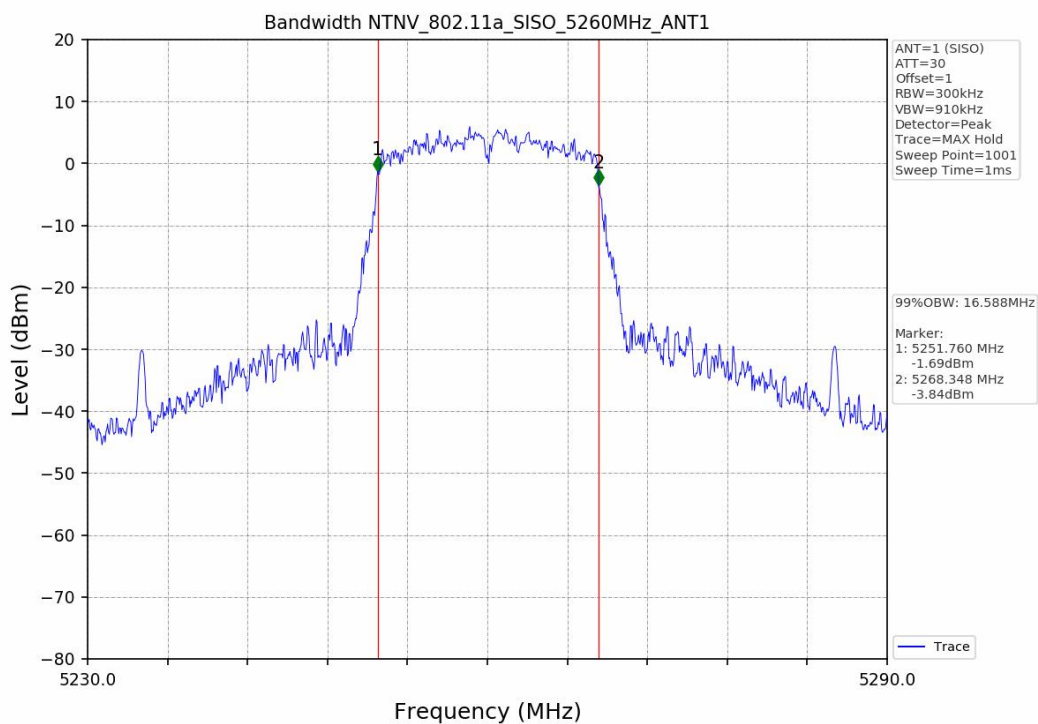


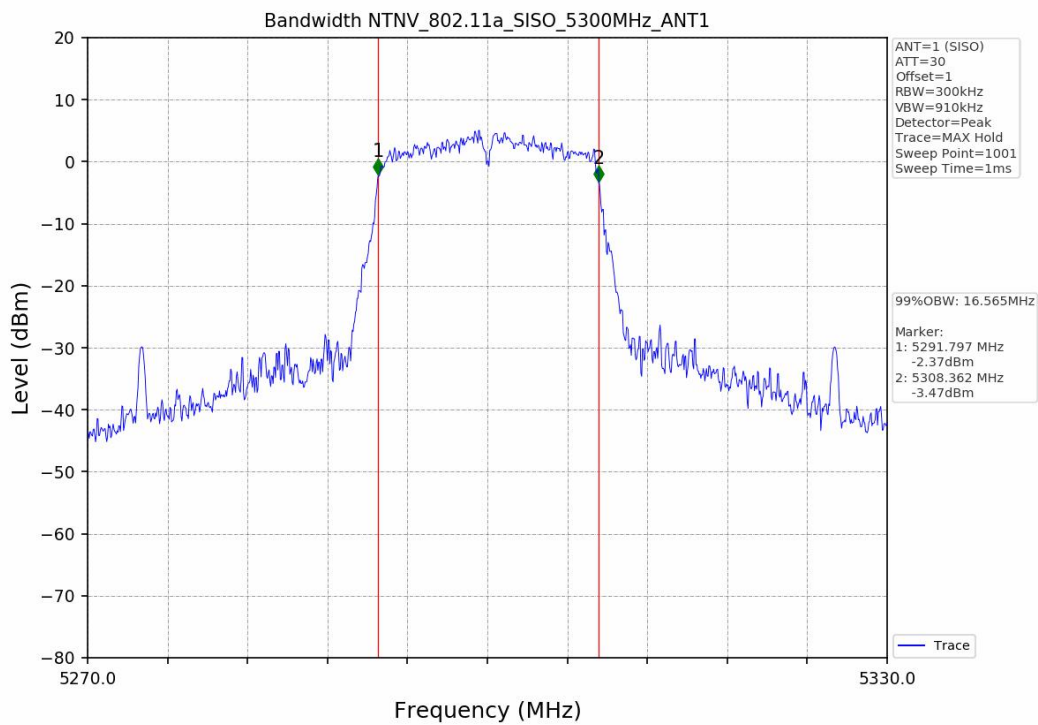


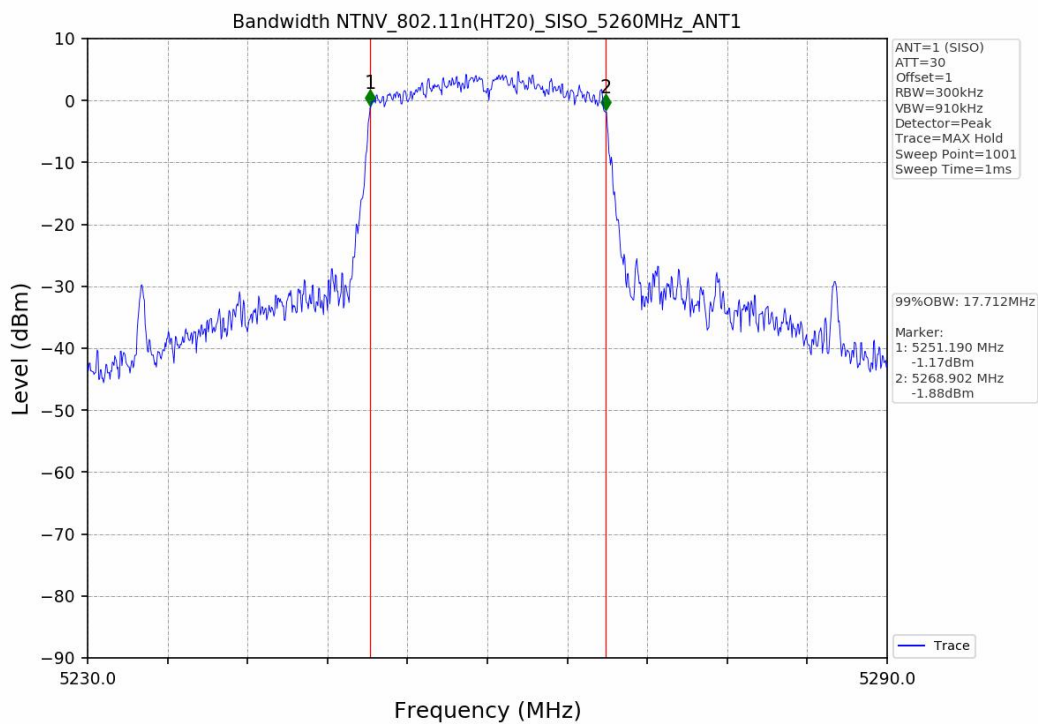
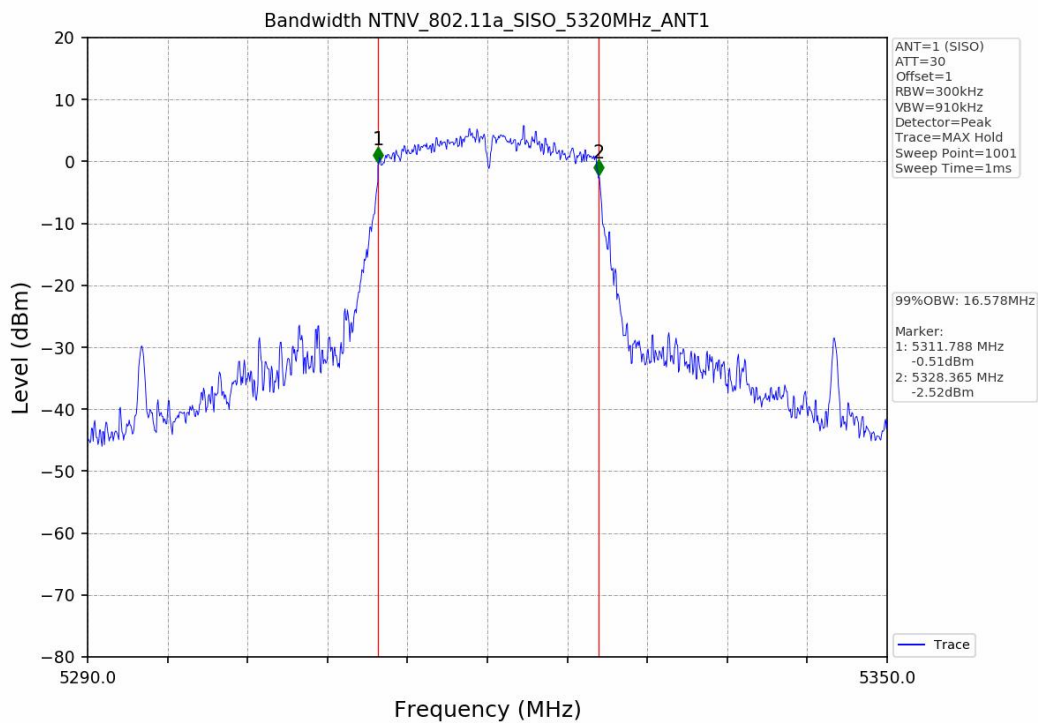


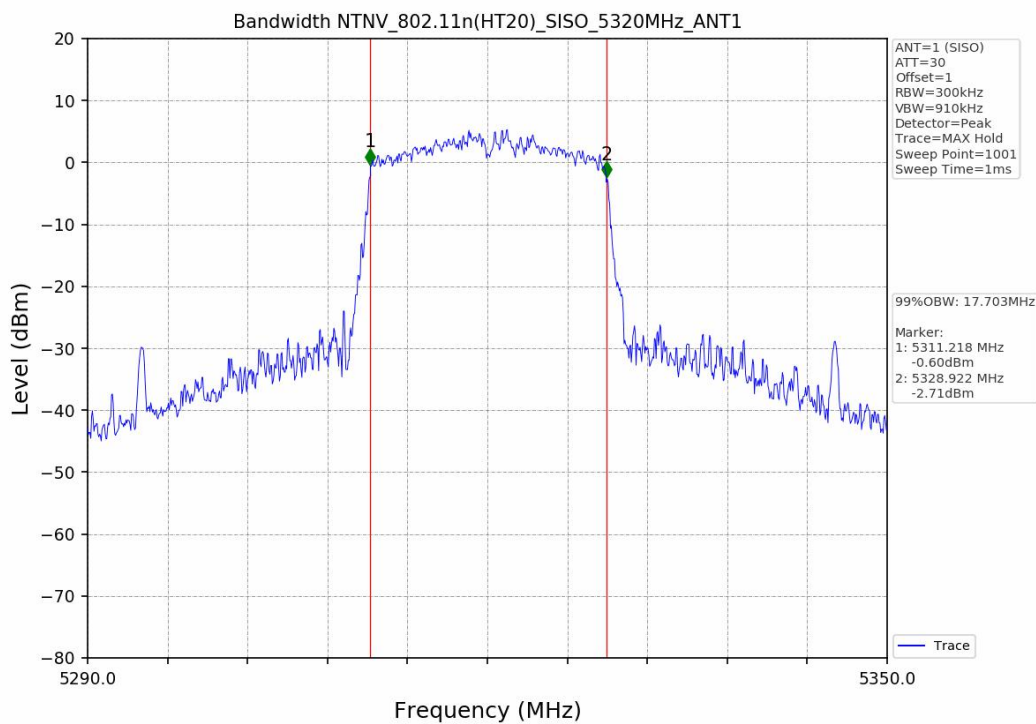
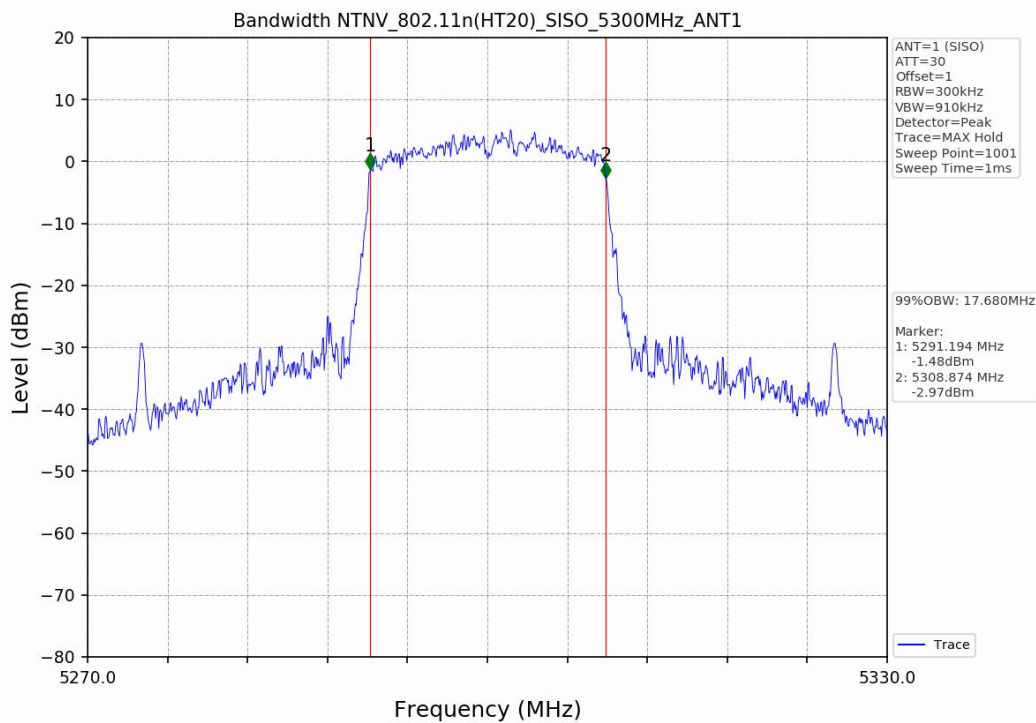


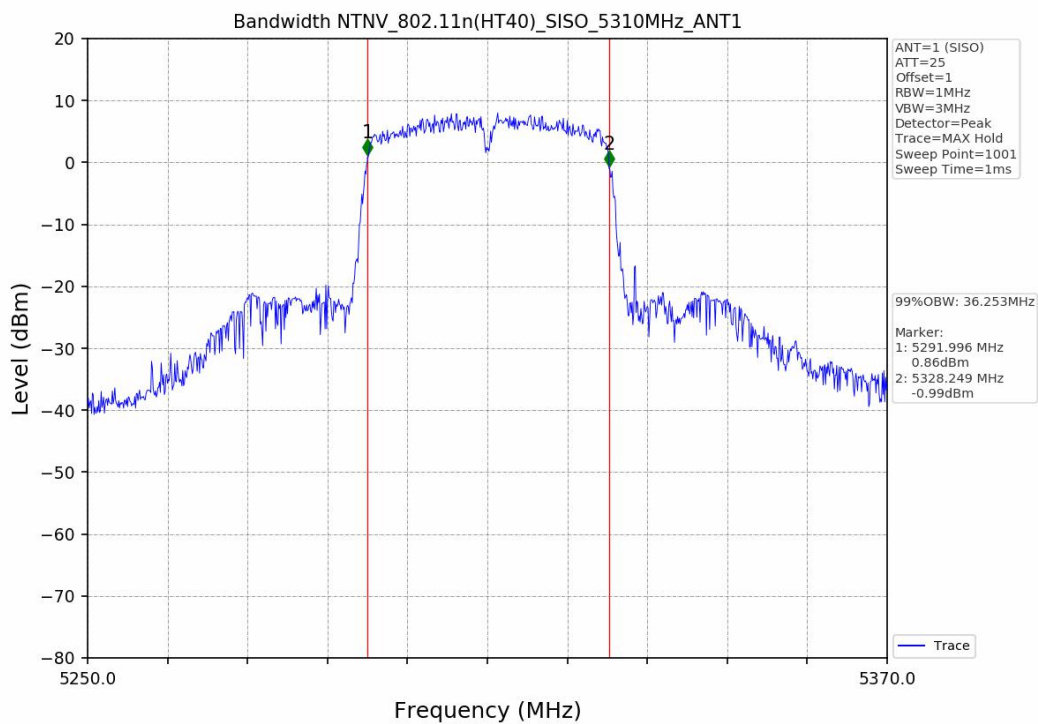
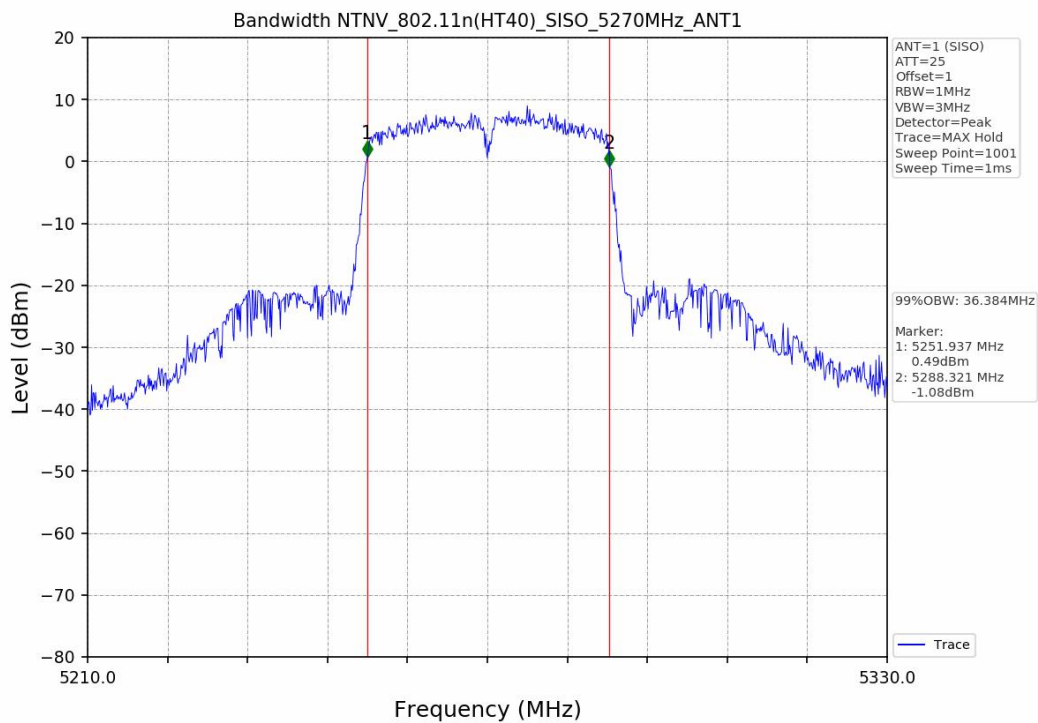
### 1.3 Test Graph - 99% Occupied Bandwidth

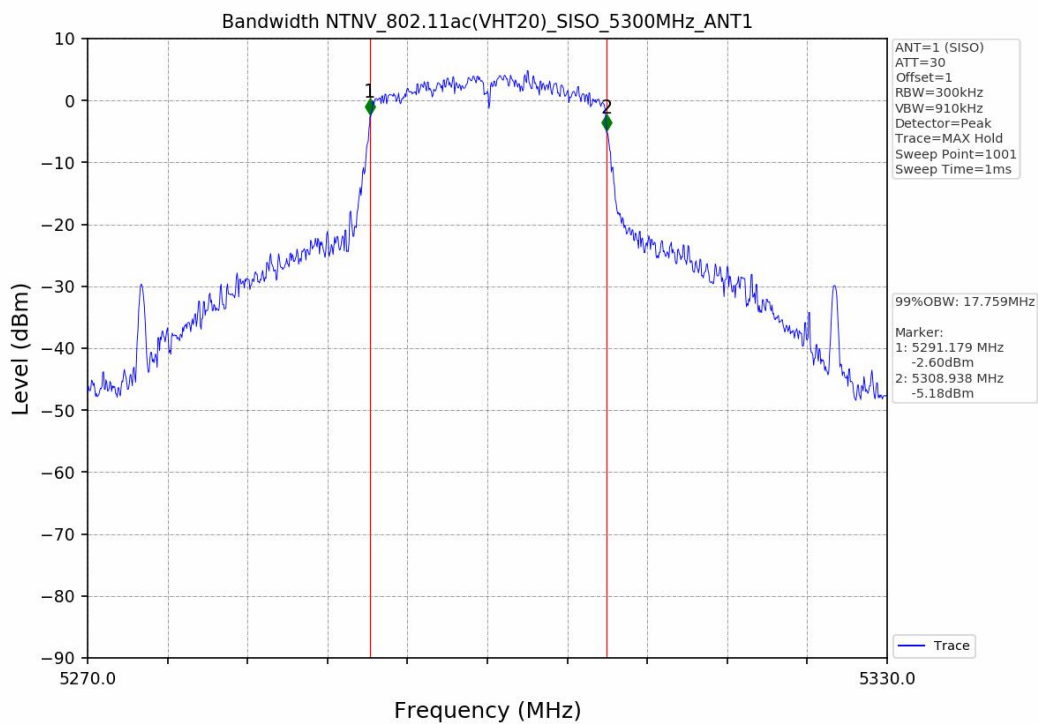
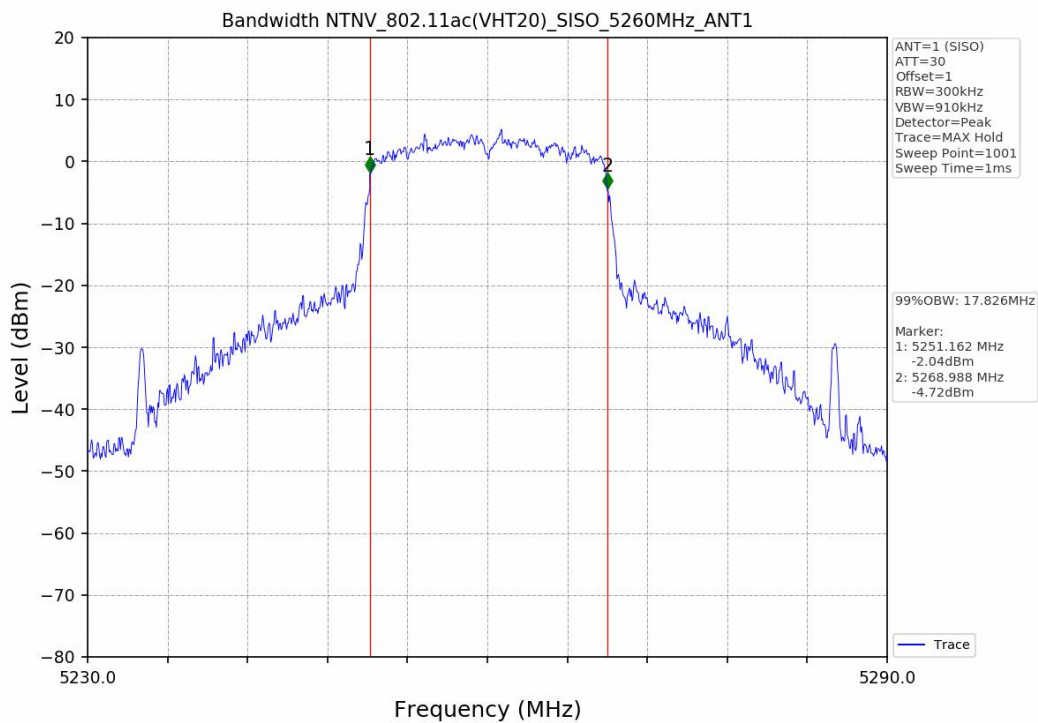


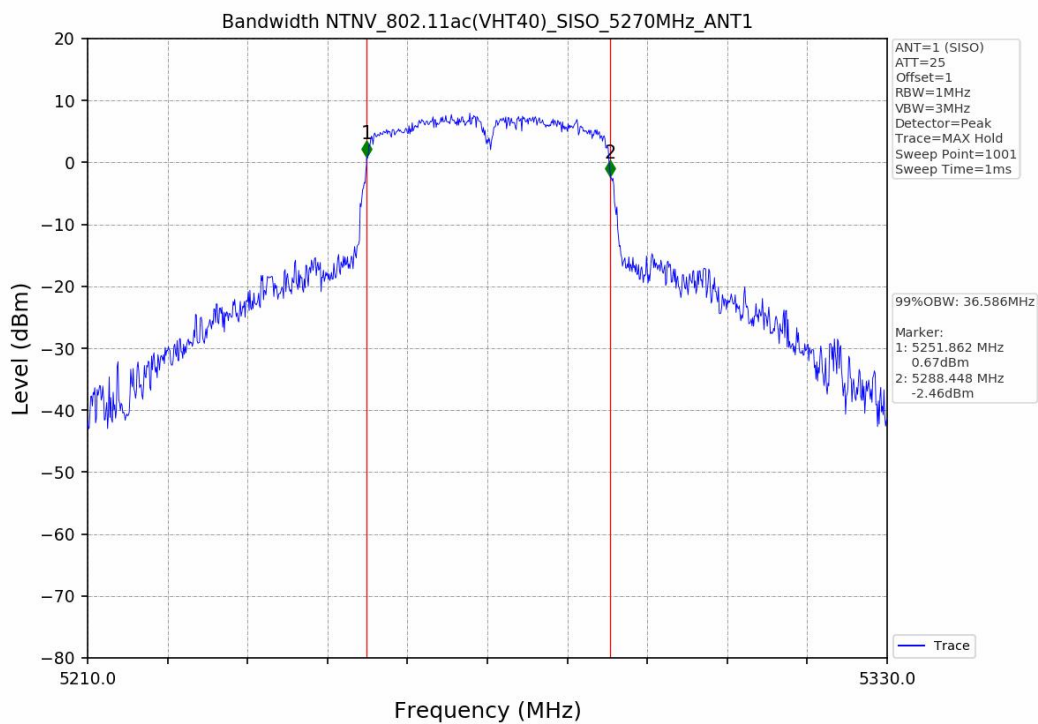
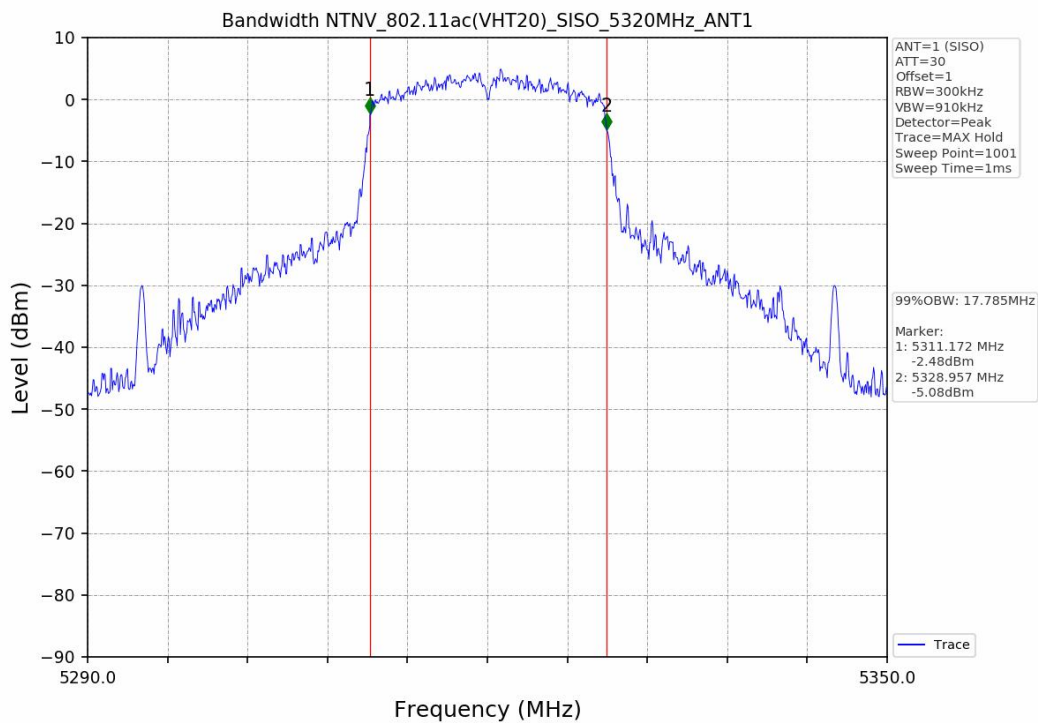


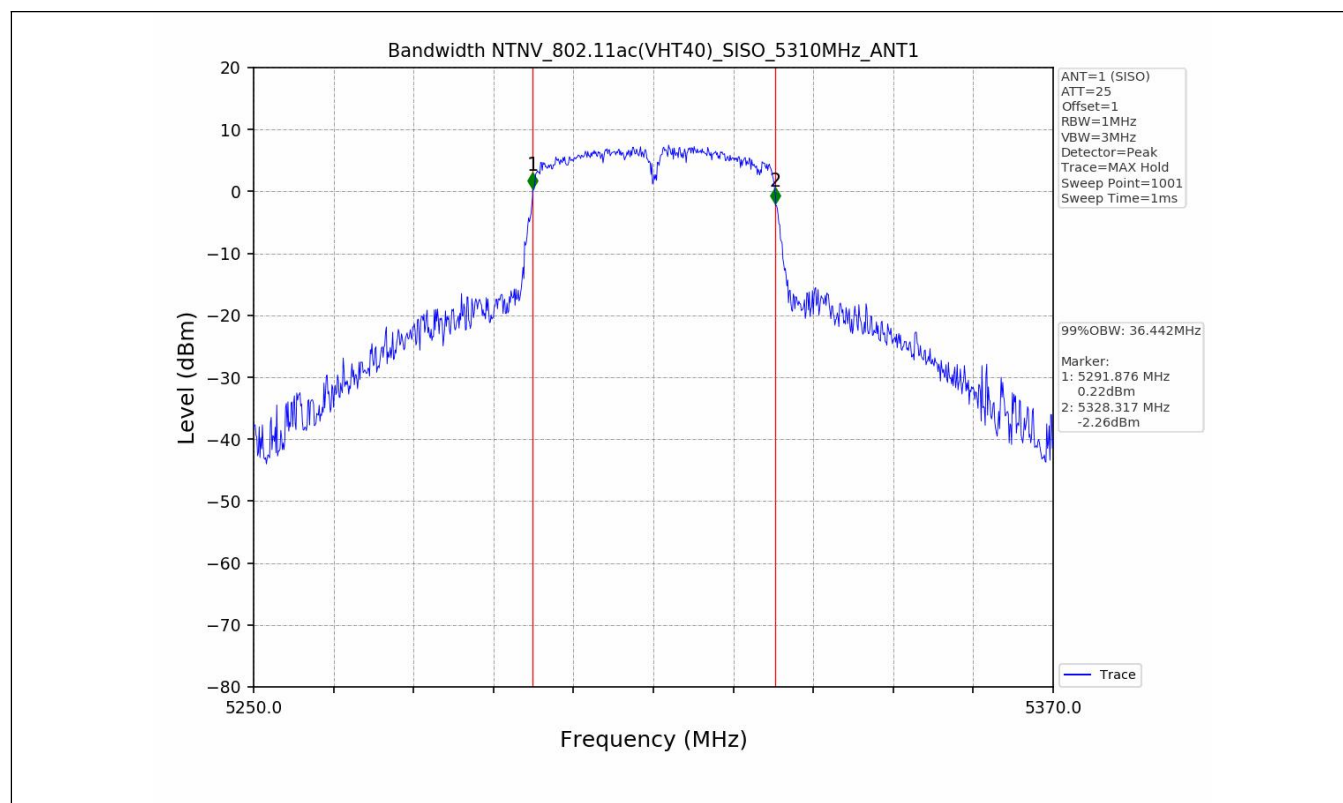










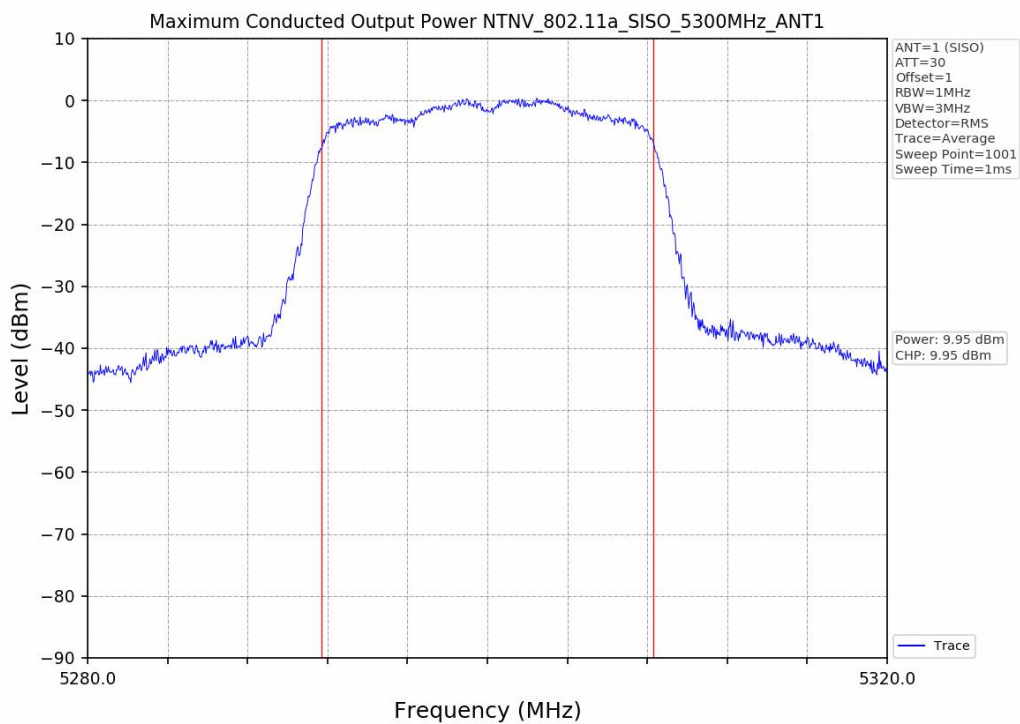
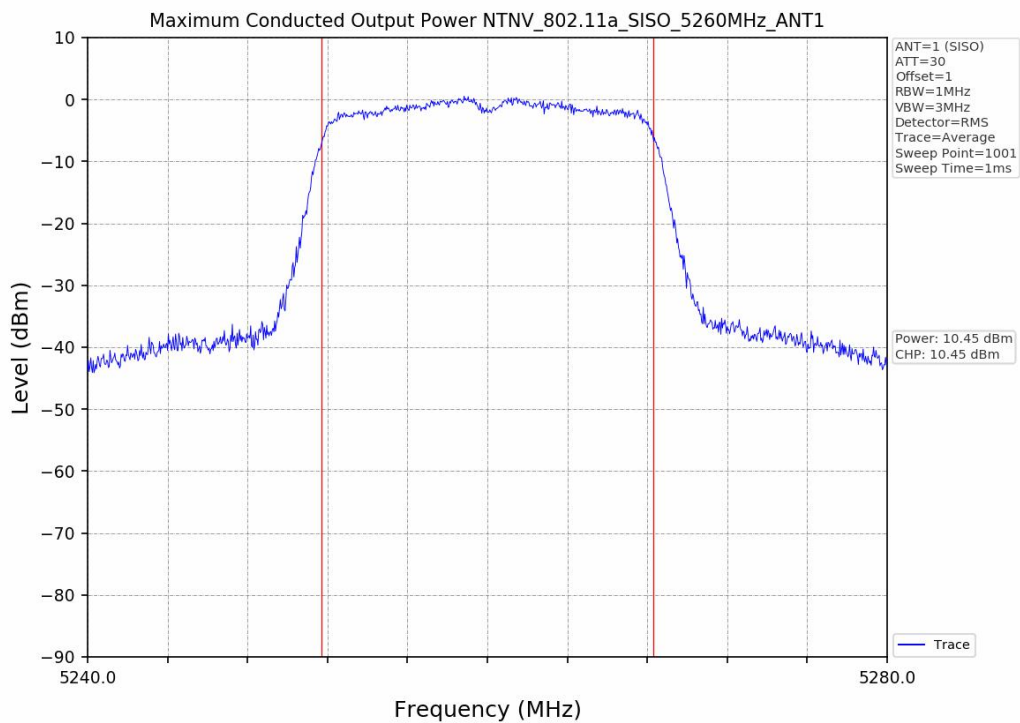


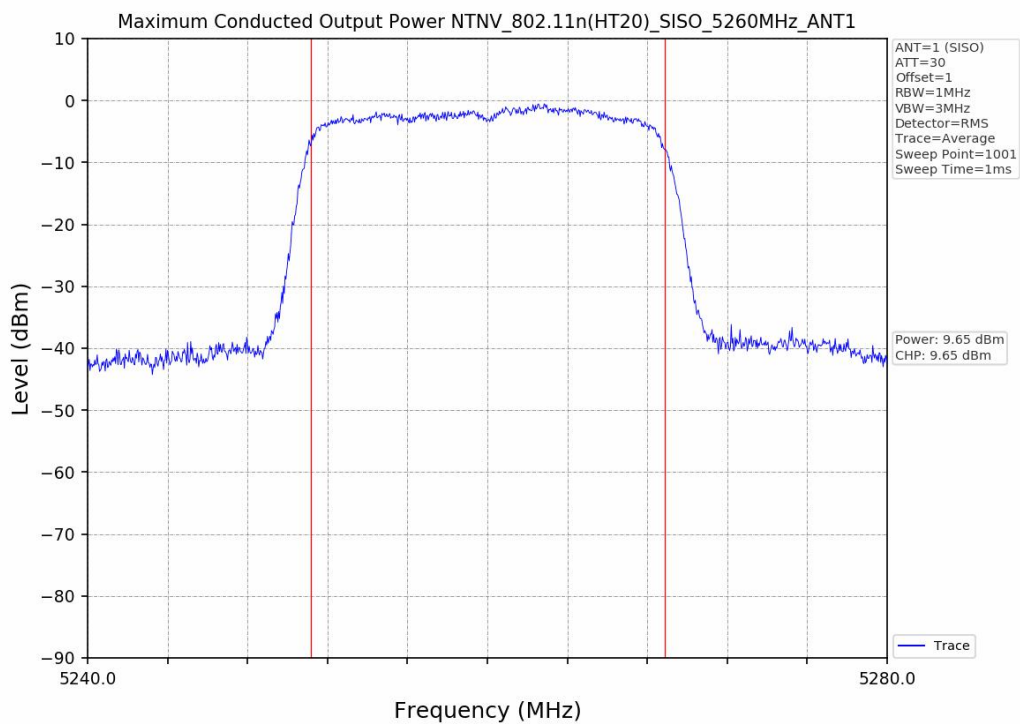
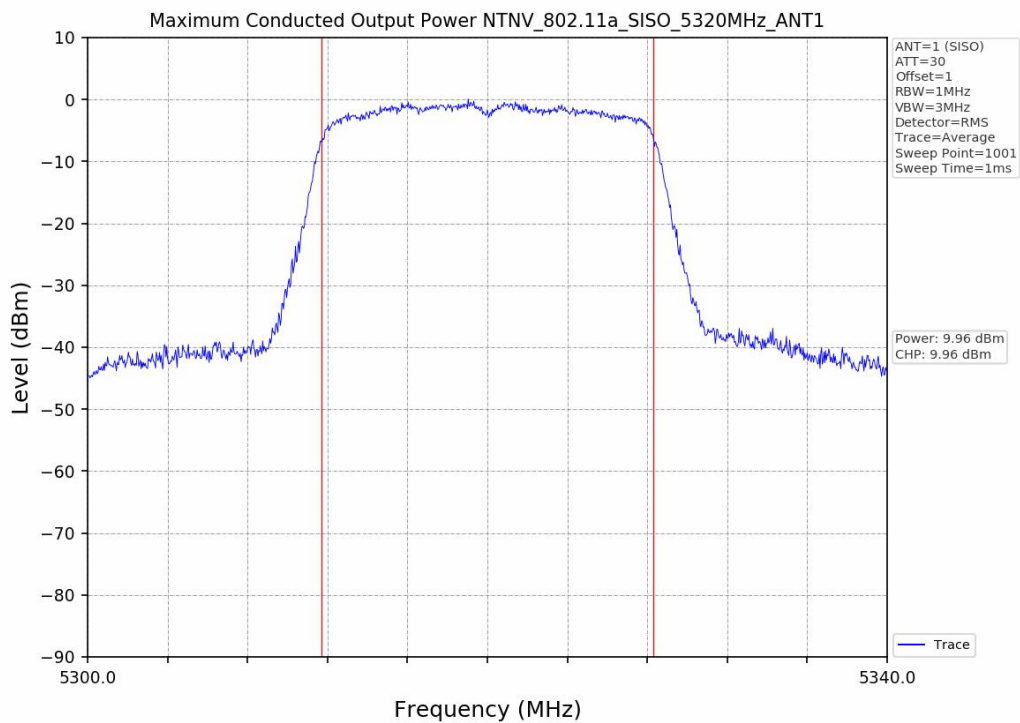
## 2. Maximum Conducted Output Power

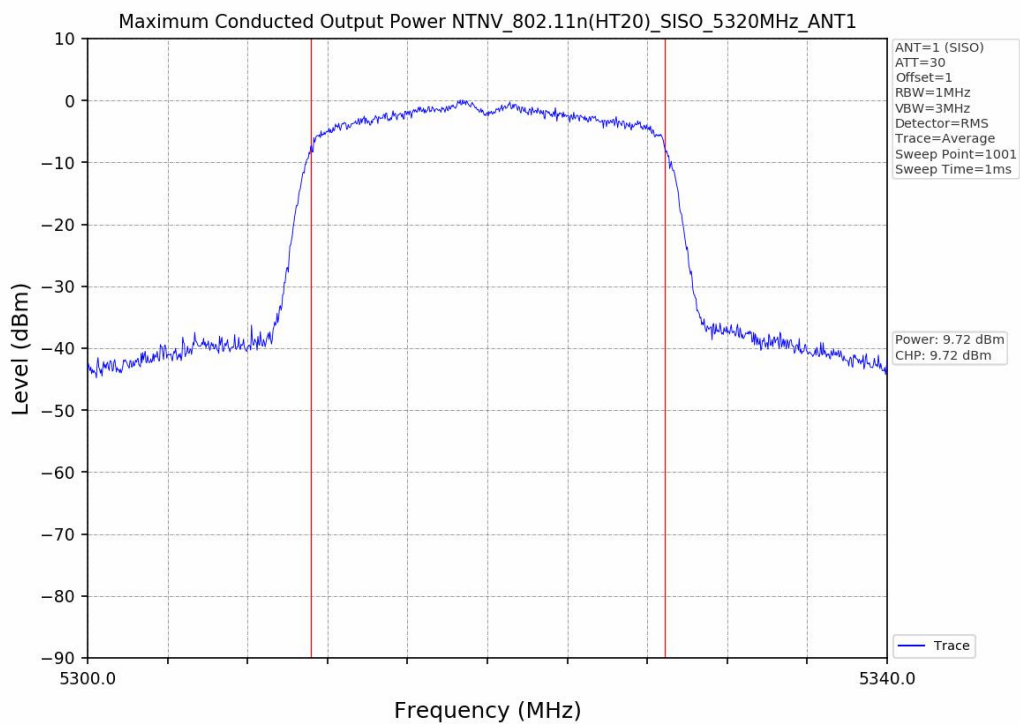
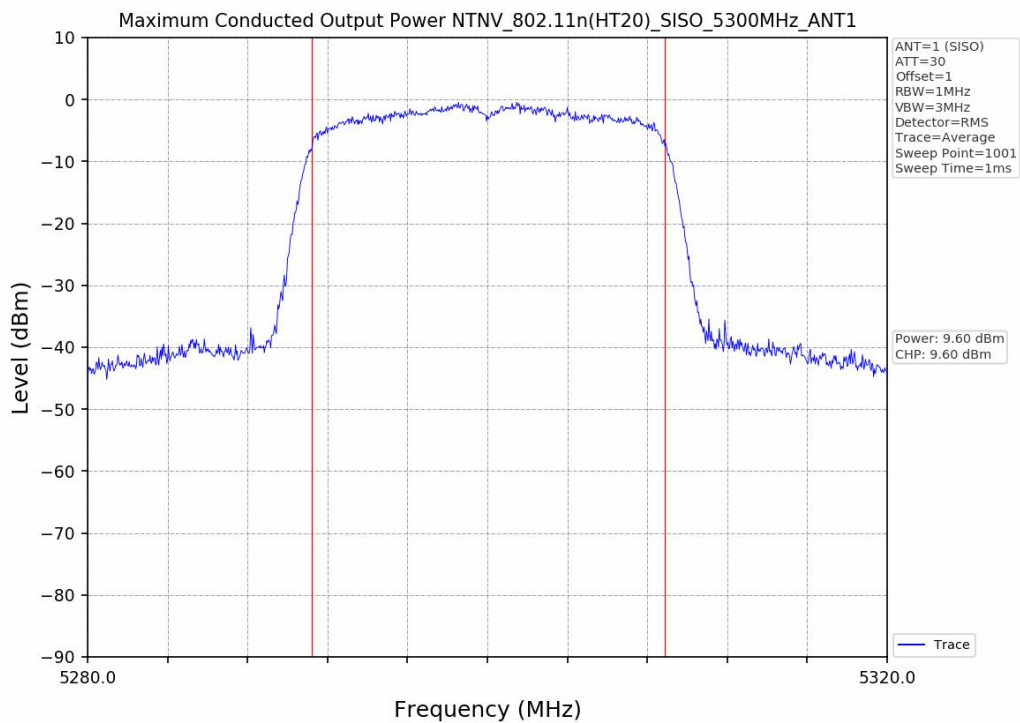
### 2.1 Test Result

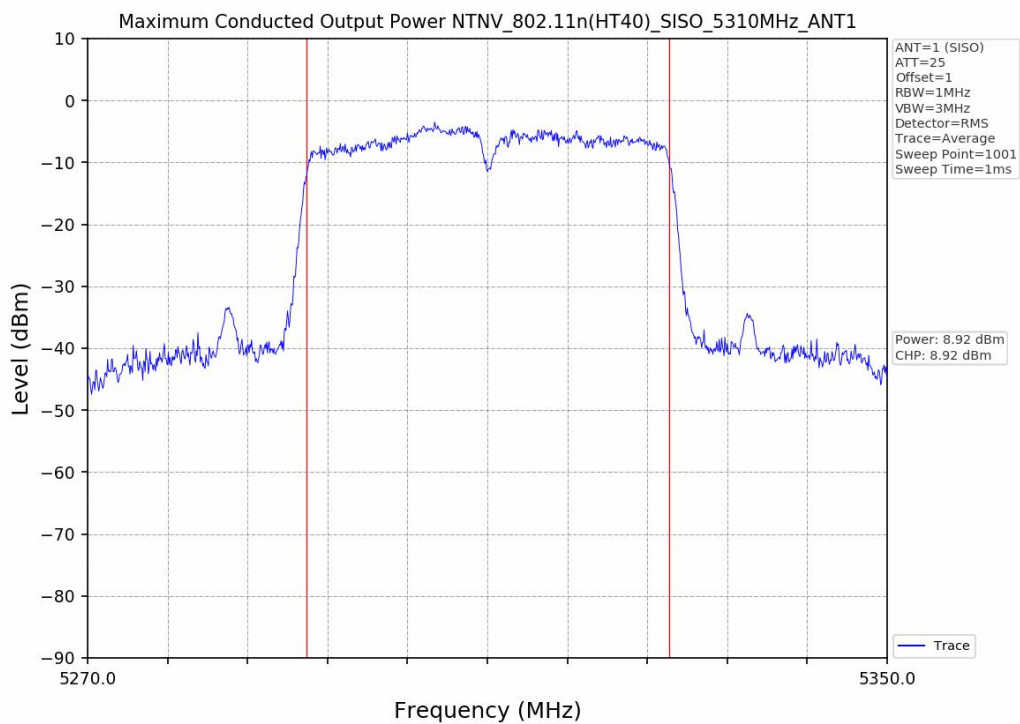
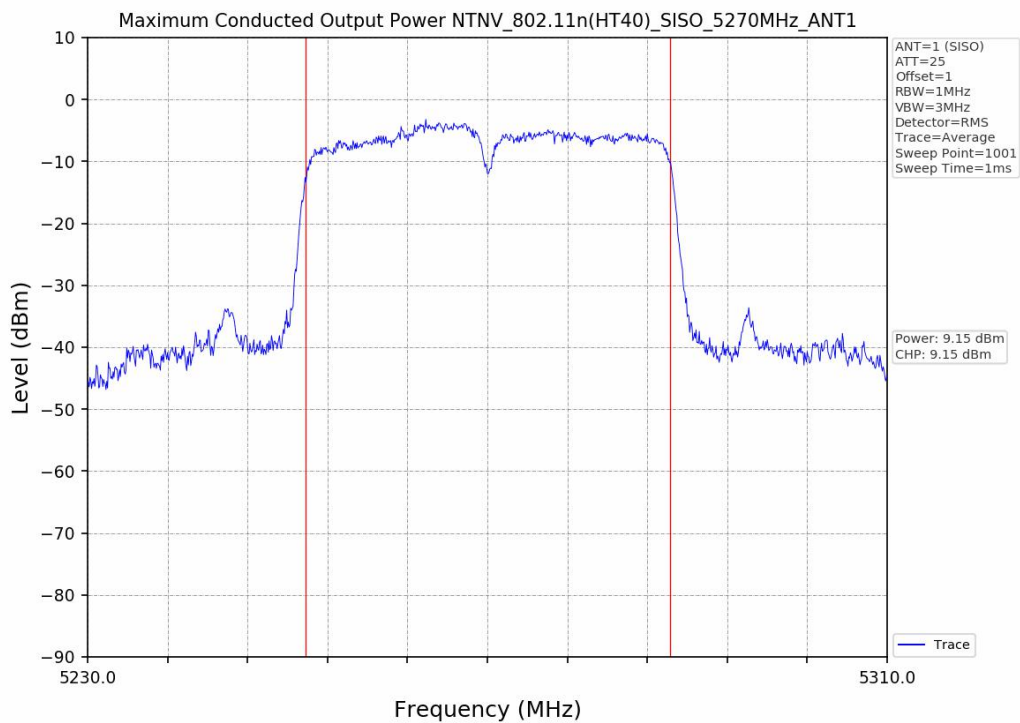
| Test Mode       | Frequency (MHz) | Tx Type | Measured Output Power (dBm) | Limit (dBm)  | Verdict |
|-----------------|-----------------|---------|-----------------------------|--------------|---------|
|                 |                 |         | Ant 1                       |              |         |
| 802.11a         | 5260            | SISO    | 10.45                       | $\leq 23.81$ | PASS    |
|                 | 5300            | SISO    | 9.95                        | $\leq 23.81$ | PASS    |
|                 | 5320            | SISO    | 9.96                        | $\leq 23.79$ | PASS    |
| 802.11n(HT20)   | 5260            | SISO    | 9.65                        | $\leq 23.88$ | PASS    |
|                 | 5300            | SISO    | 9.60                        | $\leq 23.91$ | PASS    |
|                 | 5320            | SISO    | 9.72                        | $\leq 23.92$ | PASS    |
| 802.11n(HT40)   | 5270            | SISO    | 9.15                        | $\leq 23.98$ | PASS    |
|                 | 5310            | SISO    | 8.92                        | $\leq 23.98$ | PASS    |
| 802.11ac(VHT20) | 5260            | SISO    | 12.85                       | $\leq 23.98$ | PASS    |
|                 | 5300            | SISO    | 12.45                       | $\leq 23.98$ | PASS    |
|                 | 5320            | SISO    | 12.43                       | $\leq 23.98$ | PASS    |
| 802.11ac(VHT40) | 5270            | SISO    | 12.75                       | $\leq 23.98$ | PASS    |
|                 | 5310            | SISO    | 12.19                       | $\leq 23.98$ | PASS    |

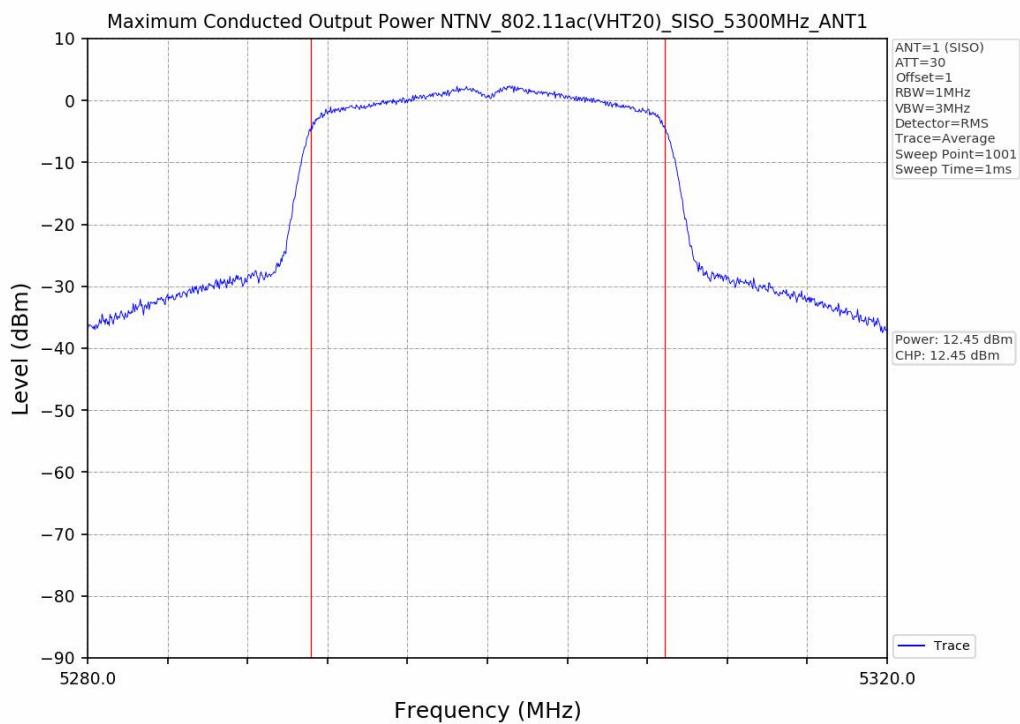
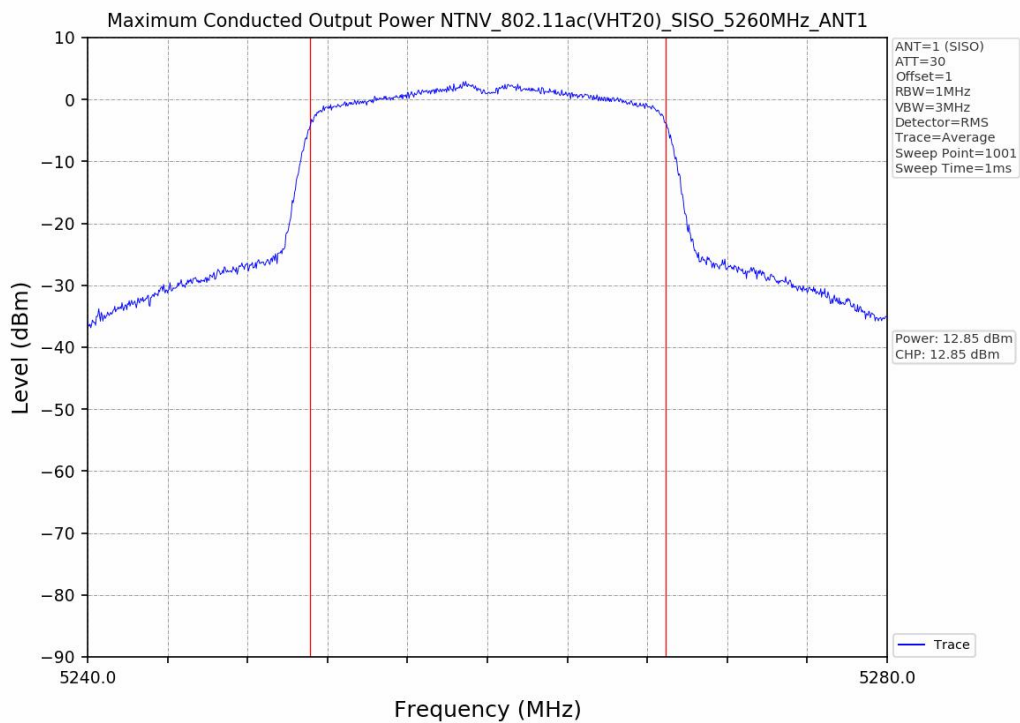
### 2.2 Test Graph

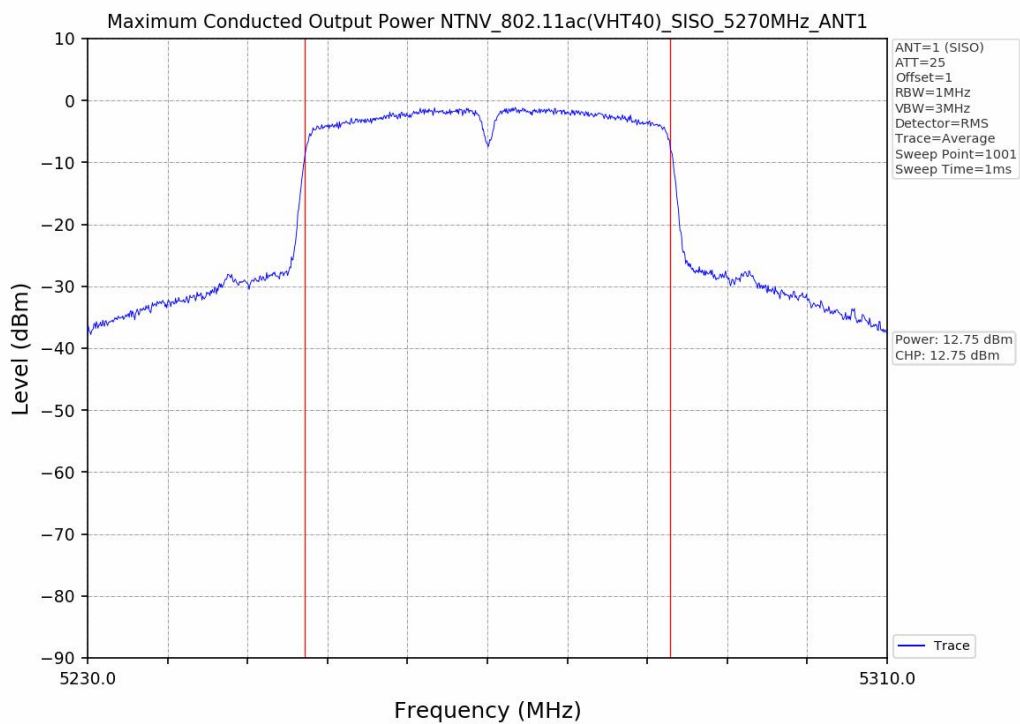
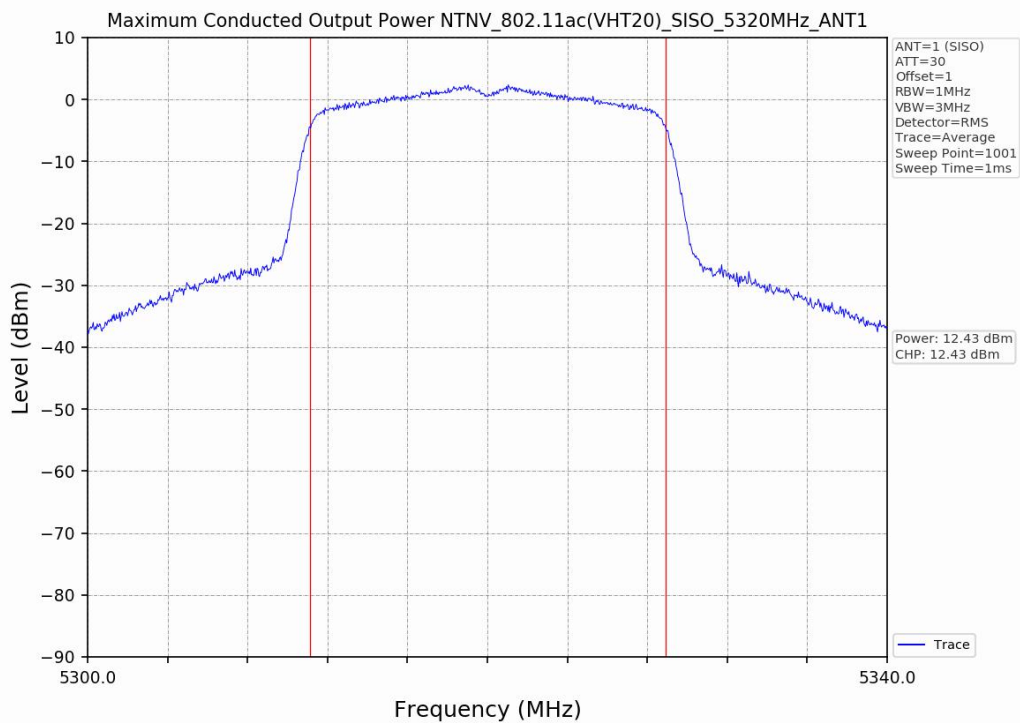


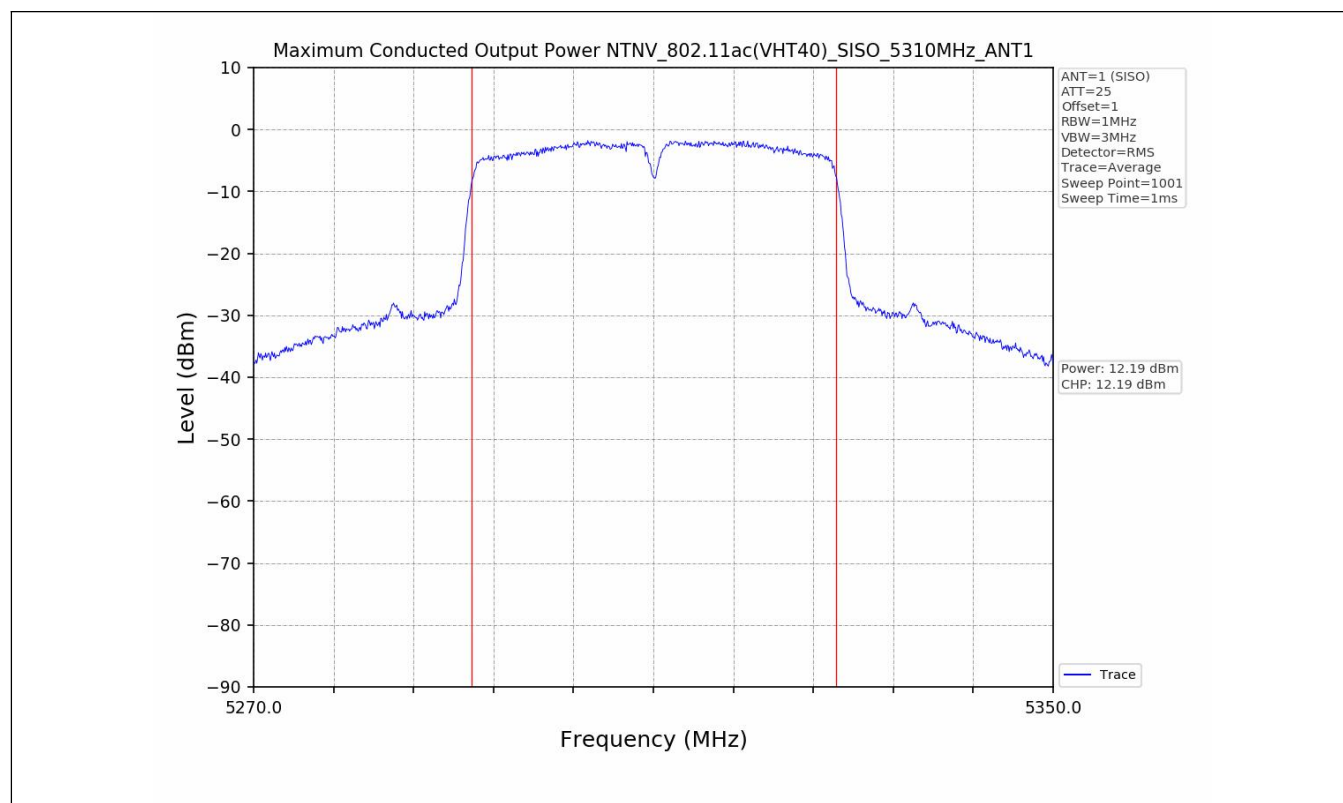










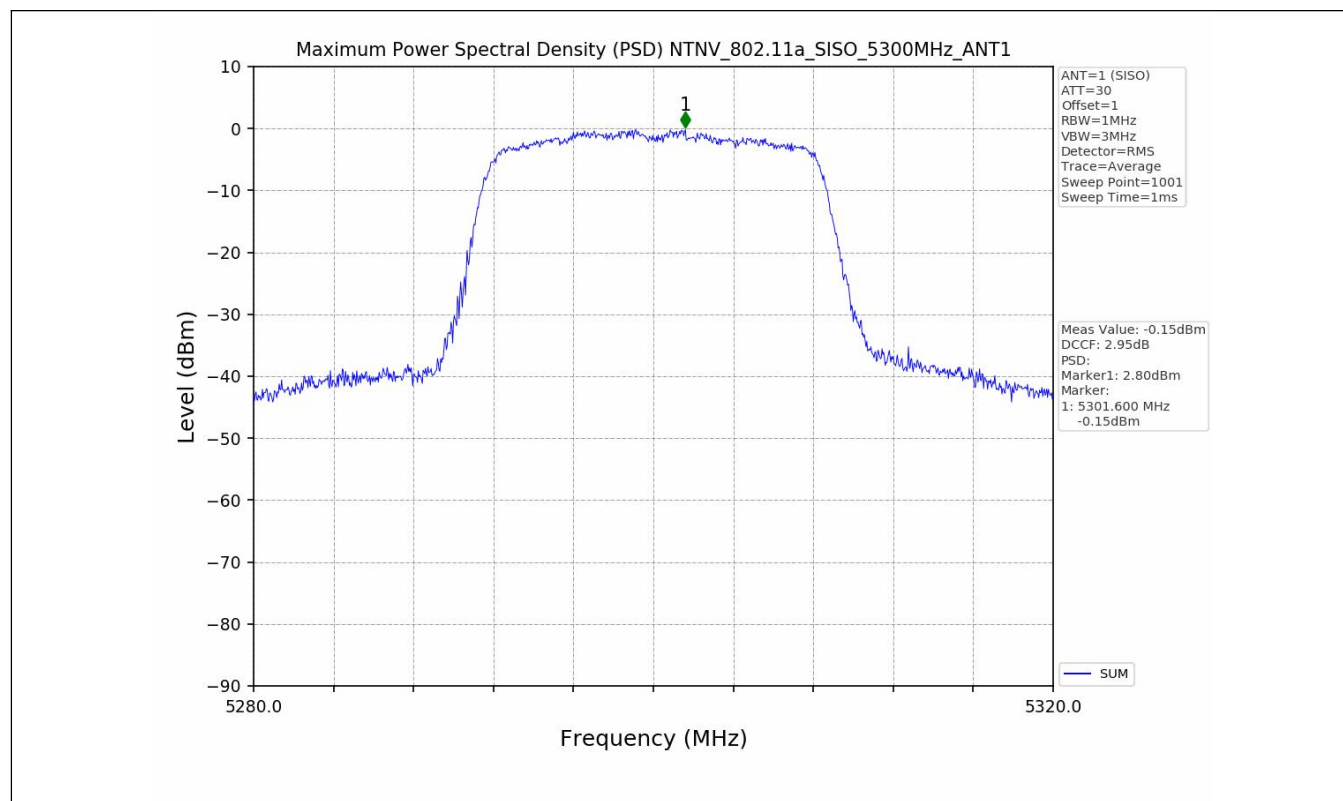
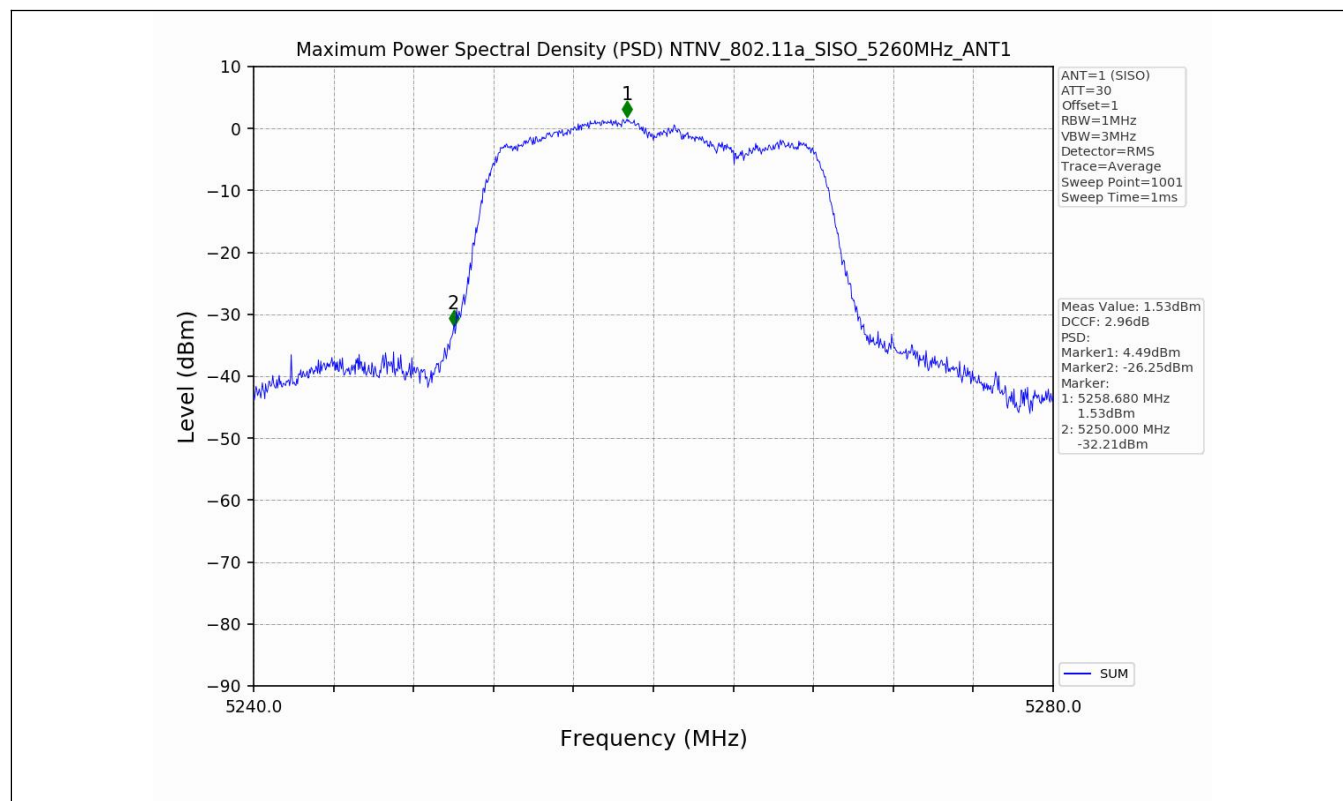


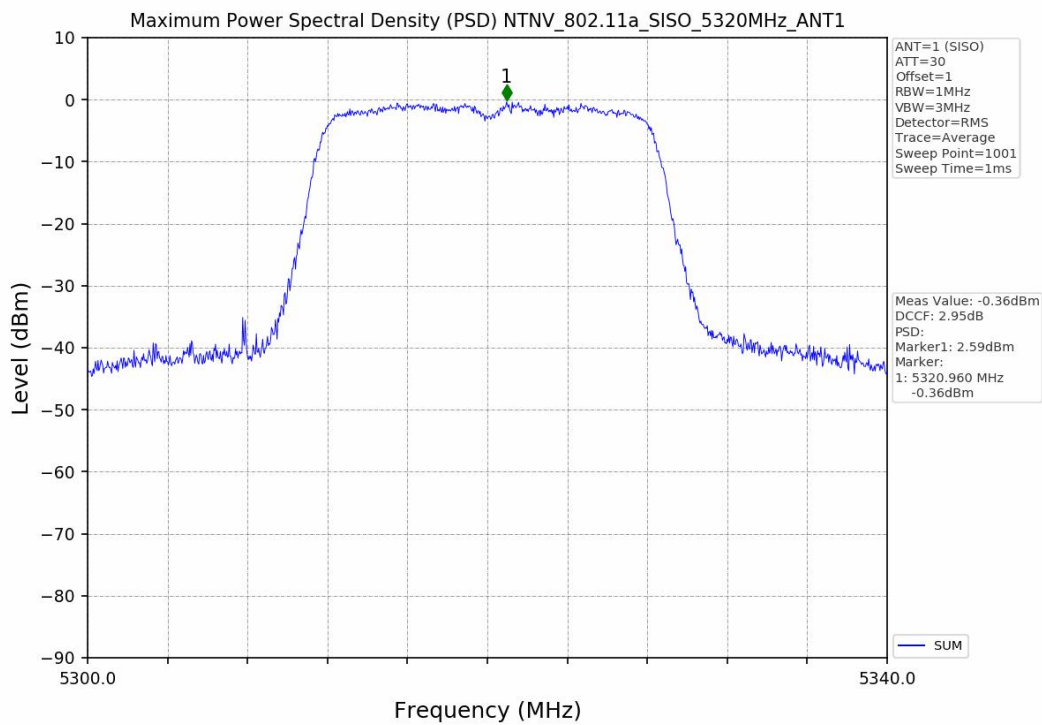
### 3. Maximum Power Spectral Density (PSD)

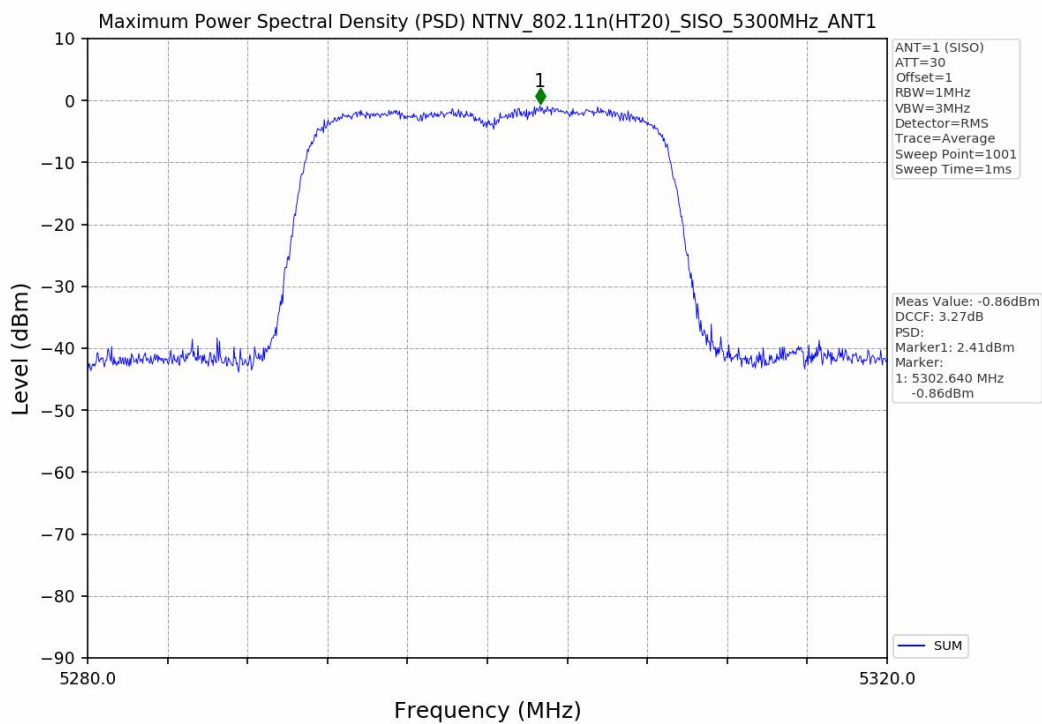
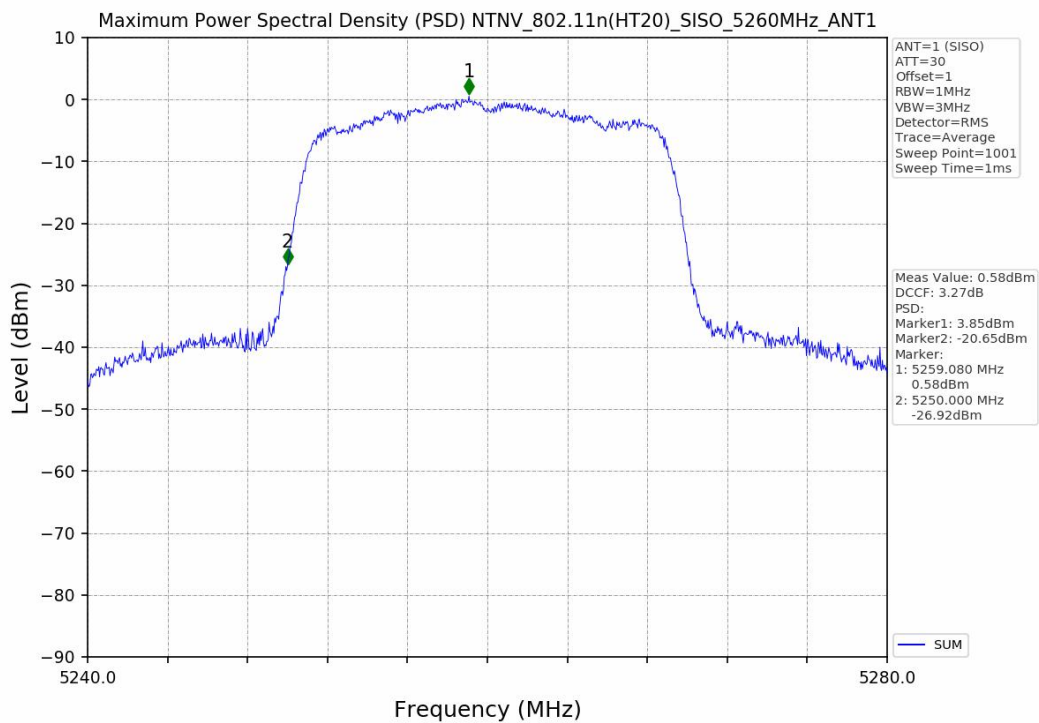
#### 3.1 Test Result

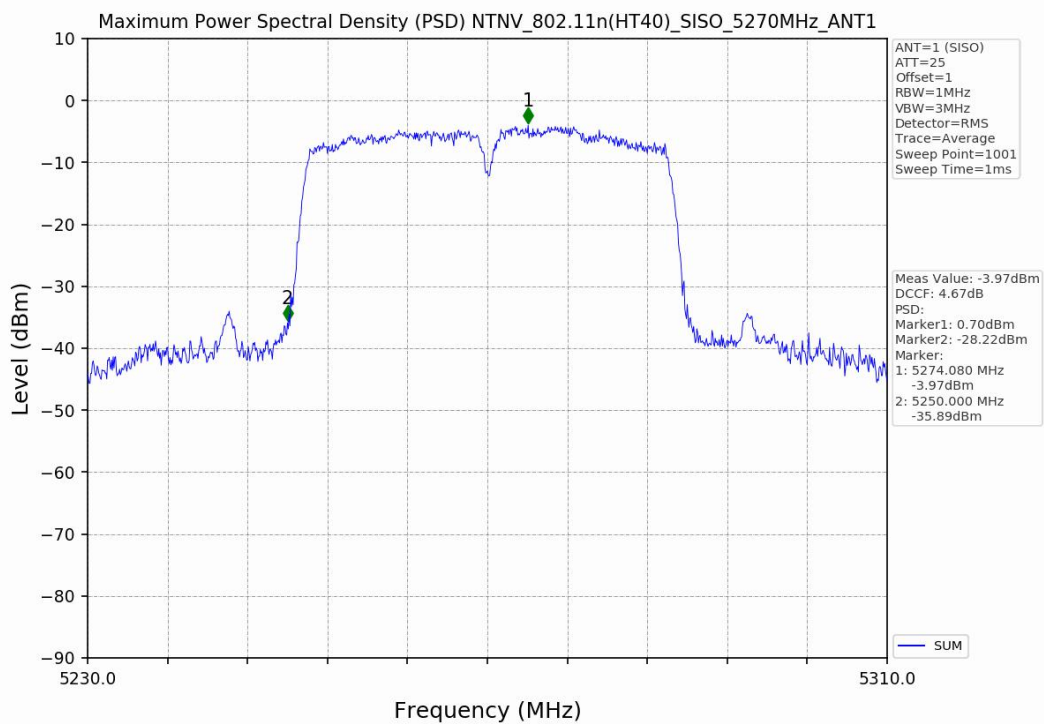
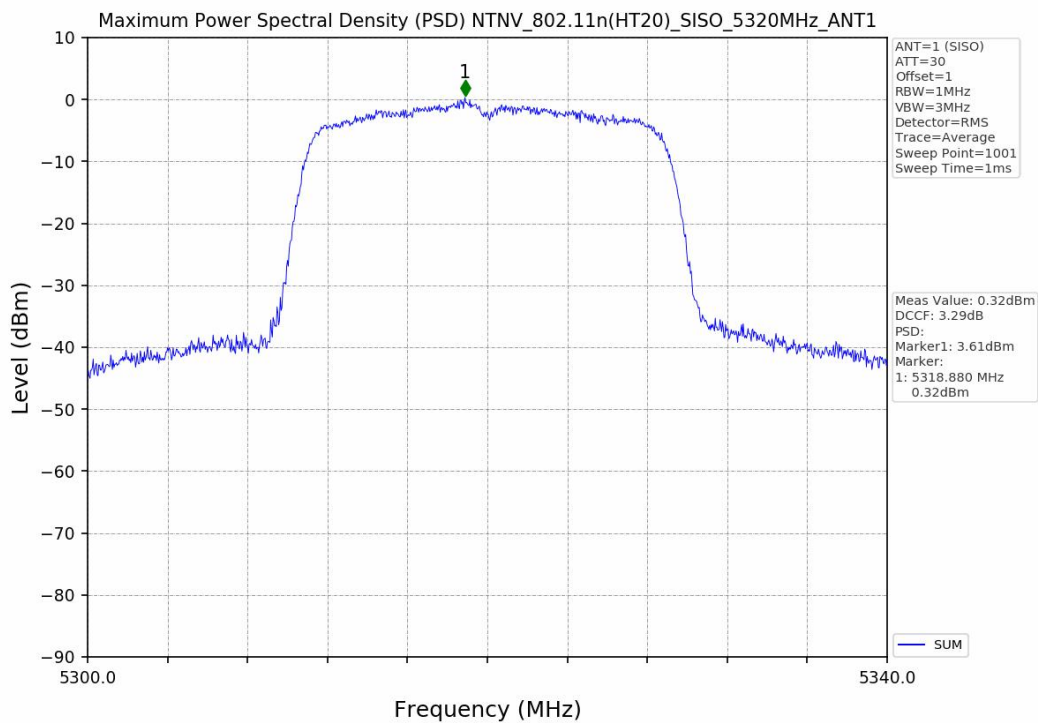
| Test Mode       | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/MHz) | Limits (dBm/MHz) | Verdict |
|-----------------|-----------------|---------|------------------------------------------|------------------|---------|
|                 |                 |         | Ant 1                                    |                  |         |
| 802.11a         | 5260            | SISO    | 4.49                                     | $\leq 11$        | PASS    |
|                 | 5300            | SISO    | 2.80                                     | $\leq 11$        | PASS    |
|                 | 5320            | SISO    | 2.59                                     | $\leq 11$        | PASS    |
| 802.11n(HT20)   | 5260            | SISO    | 3.85                                     | $\leq 11$        | PASS    |
|                 | 5300            | SISO    | 2.41                                     | $\leq 11$        | PASS    |
|                 | 5320            | SISO    | 3.61                                     | $\leq 11$        | PASS    |
| 802.11n(HT40)   | 5270            | SISO    | 0.70                                     | $\leq 11$        | PASS    |
|                 | 5310            | SISO    | 0.38                                     | $\leq 11$        | PASS    |
| 802.11ac(VHT20) | 5260            | SISO    | 3.40                                     | $\leq 11$        | PASS    |
|                 | 5300            | SISO    | 2.80                                     | $\leq 11$        | PASS    |
|                 | 5320            | SISO    | 2.81                                     | $\leq 11$        | PASS    |
| 802.11ac(VHT40) | 5270            | SISO    | 0.13                                     | $\leq 11$        | PASS    |
|                 | 5310            | SISO    | -0.35                                    | $\leq 11$        | PASS    |

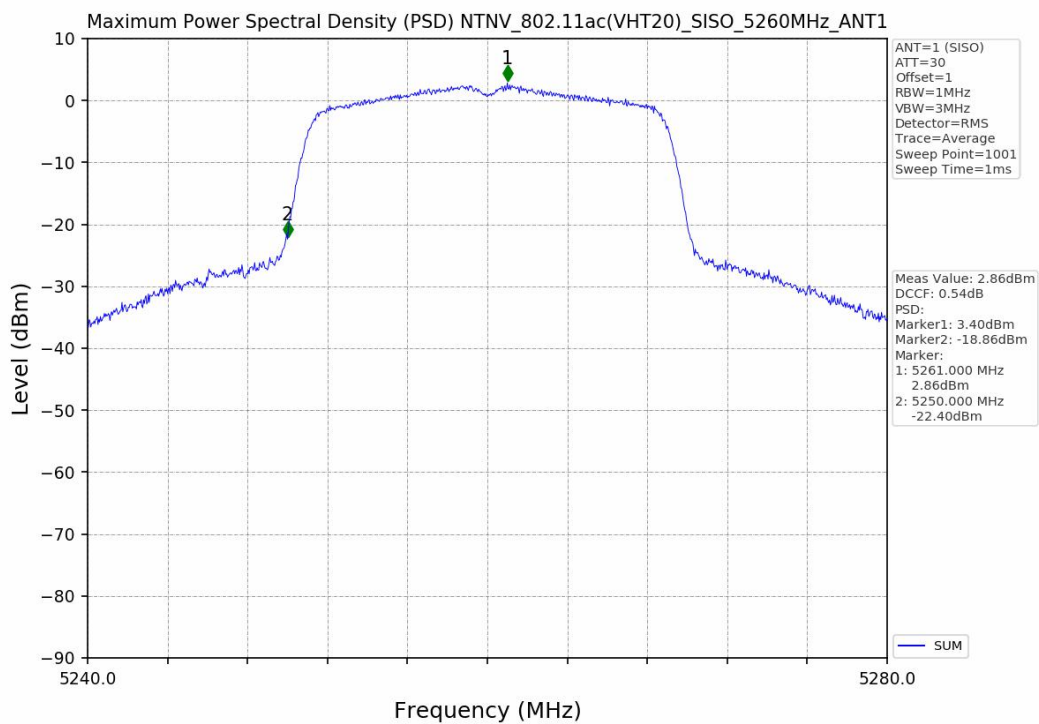
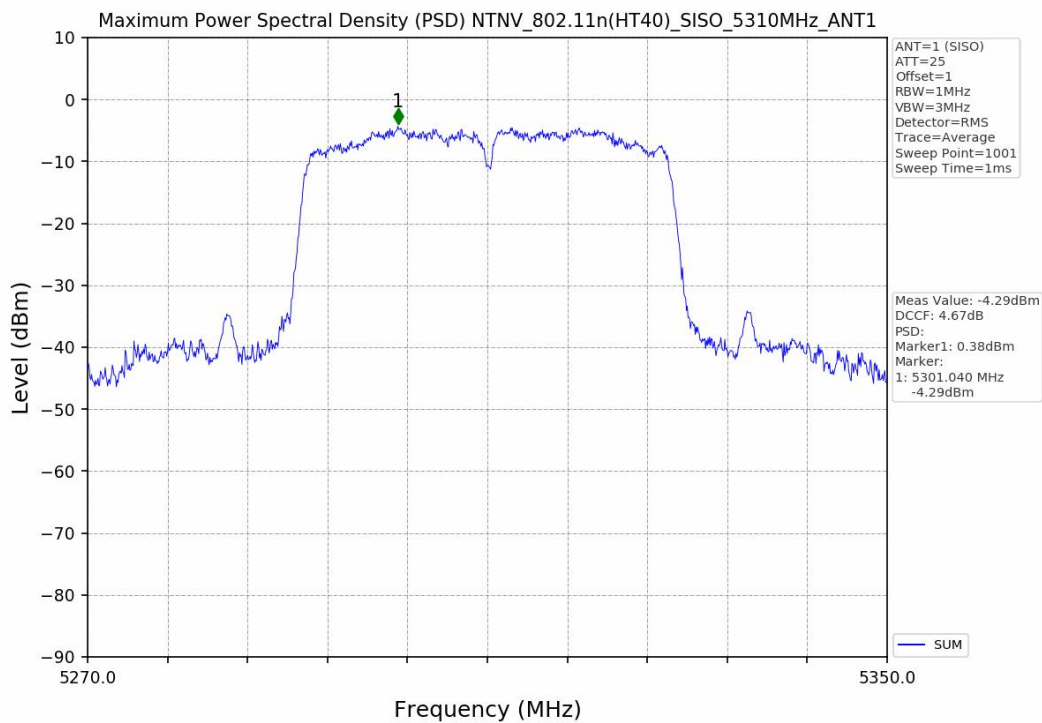
## 3.2 Test Graph

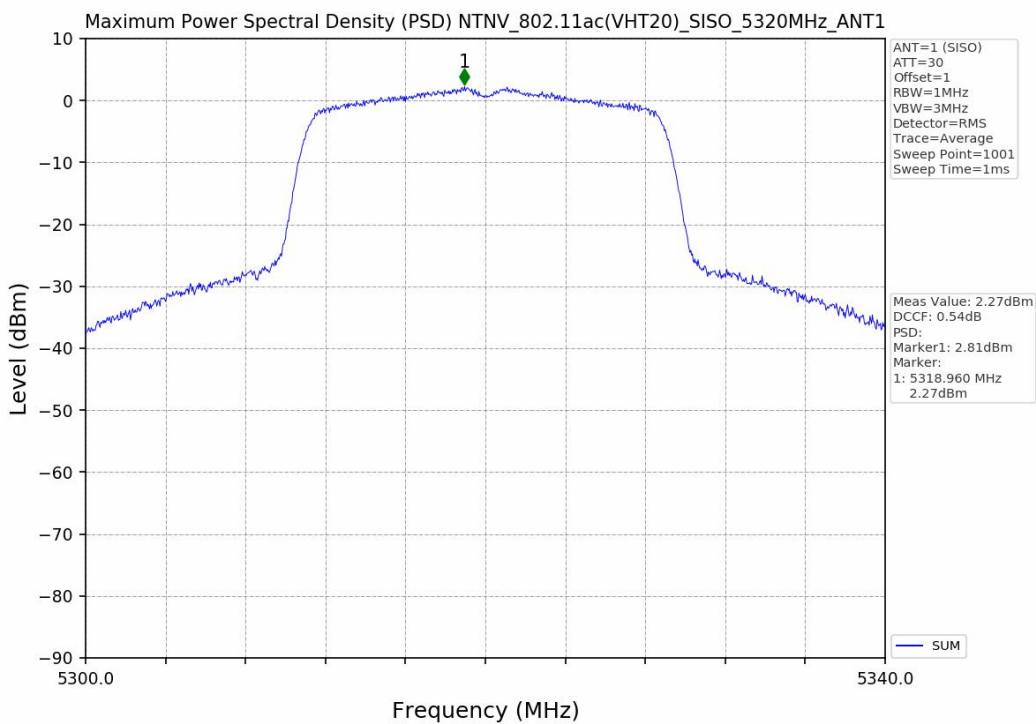
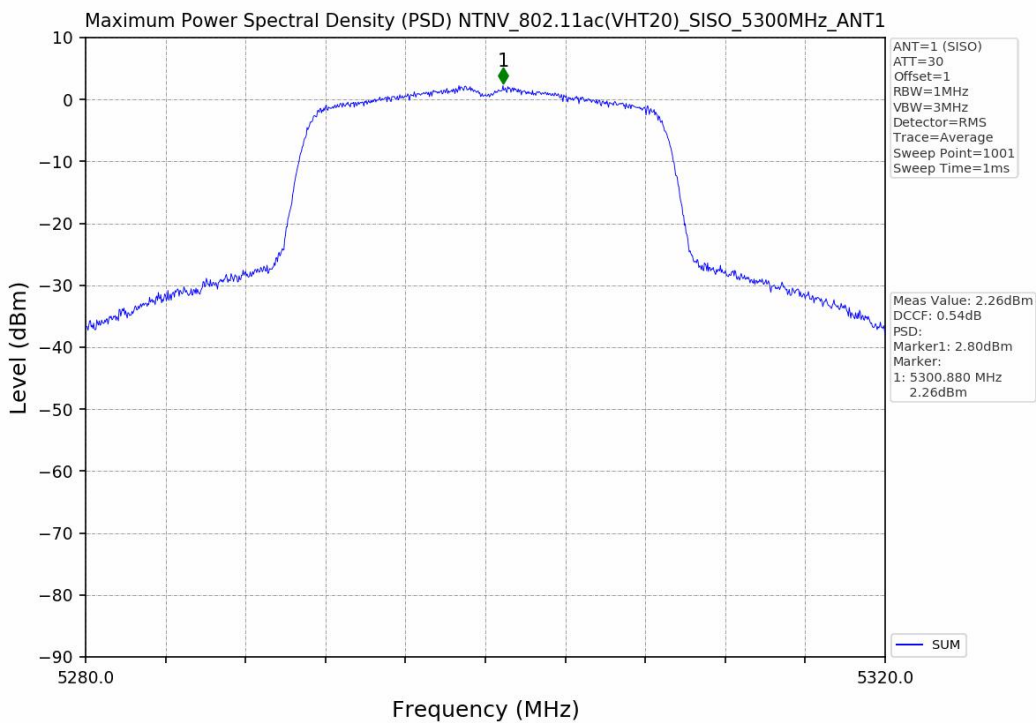


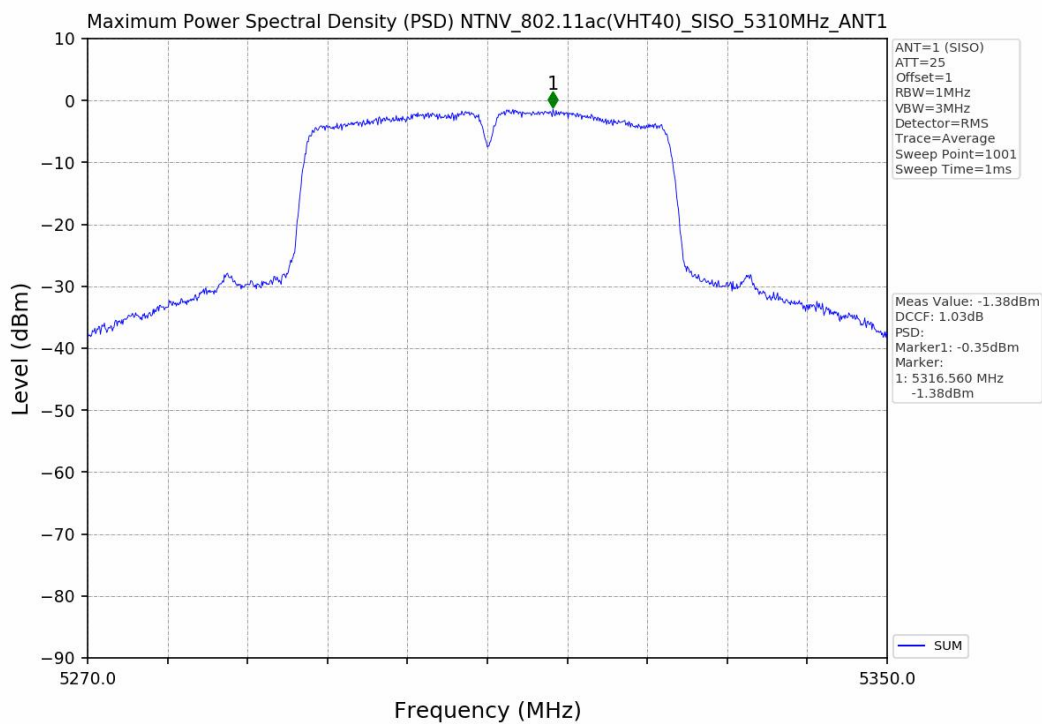
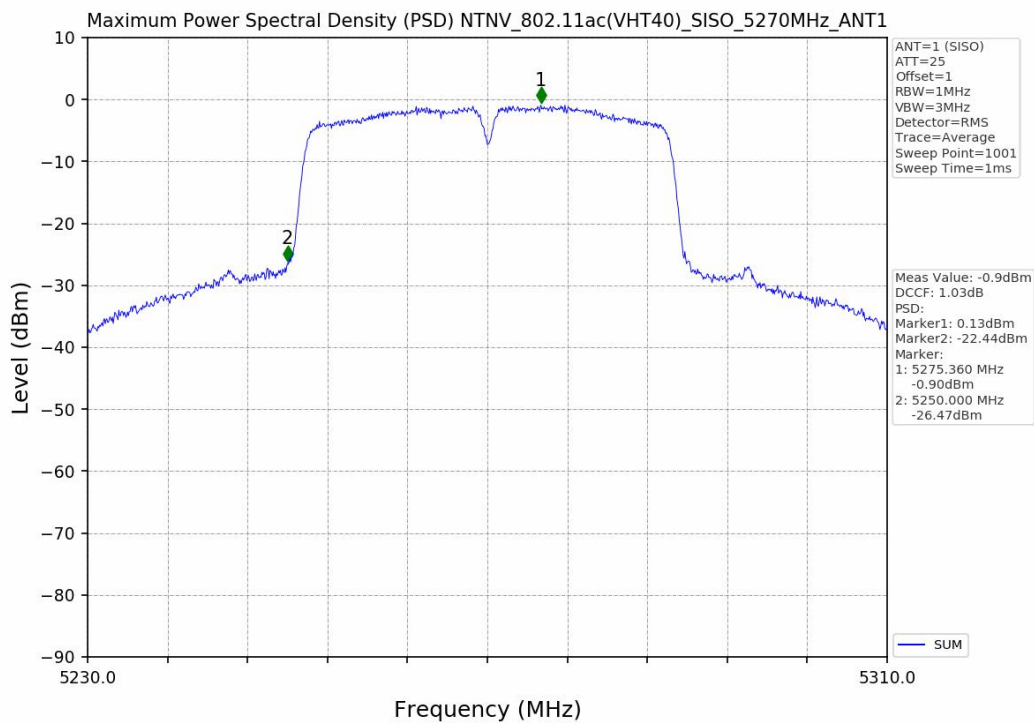












#### 4. Frequency Stability

##### 4.1 Test Result

| Test Condition | Test Mode | Test Frequency [MHz] | Ant | Result [ppm] | Limit [ppm] | Verdict |
|----------------|-----------|----------------------|-----|--------------|-------------|---------|
| NTNV           | 802.11a   | 5260                 | 1   | 0            | <=20        | PASS    |
|                |           | 5300                 | 1   | 0            | <=20        | PASS    |
|                |           | 5320                 | 1   | 0            | <=20        | PASS    |
|                | 802.11n   | 5270                 | 1   | 0            | <=20        | PASS    |
|                |           | 5310                 | 1   | 7.53         | <=20        | PASS    |