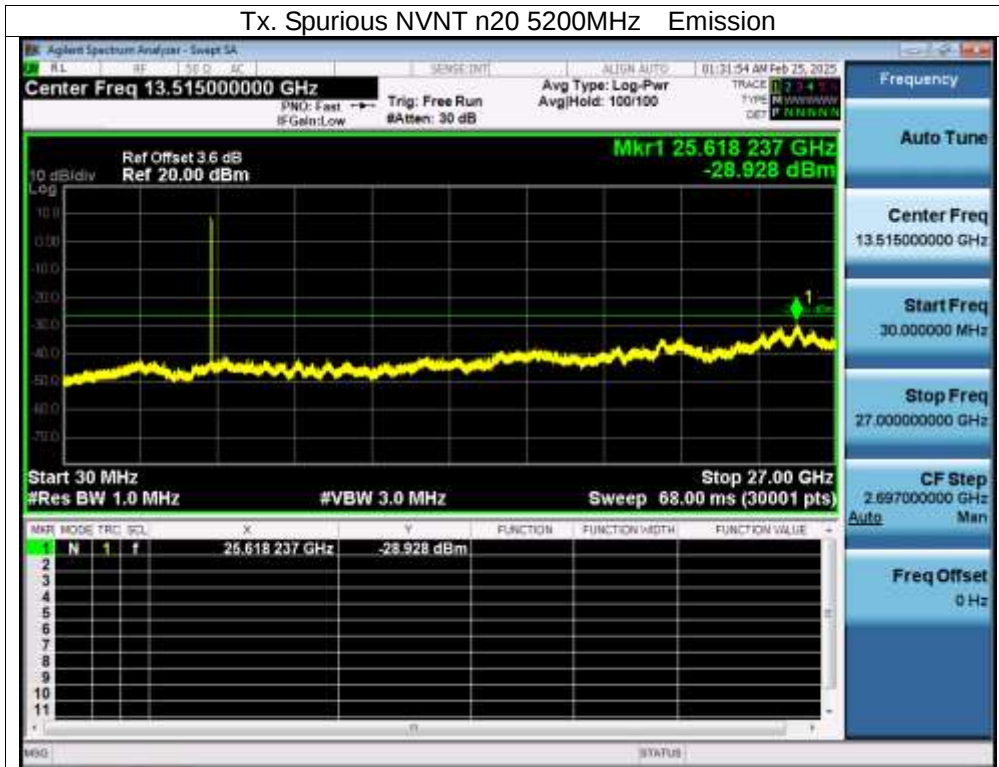
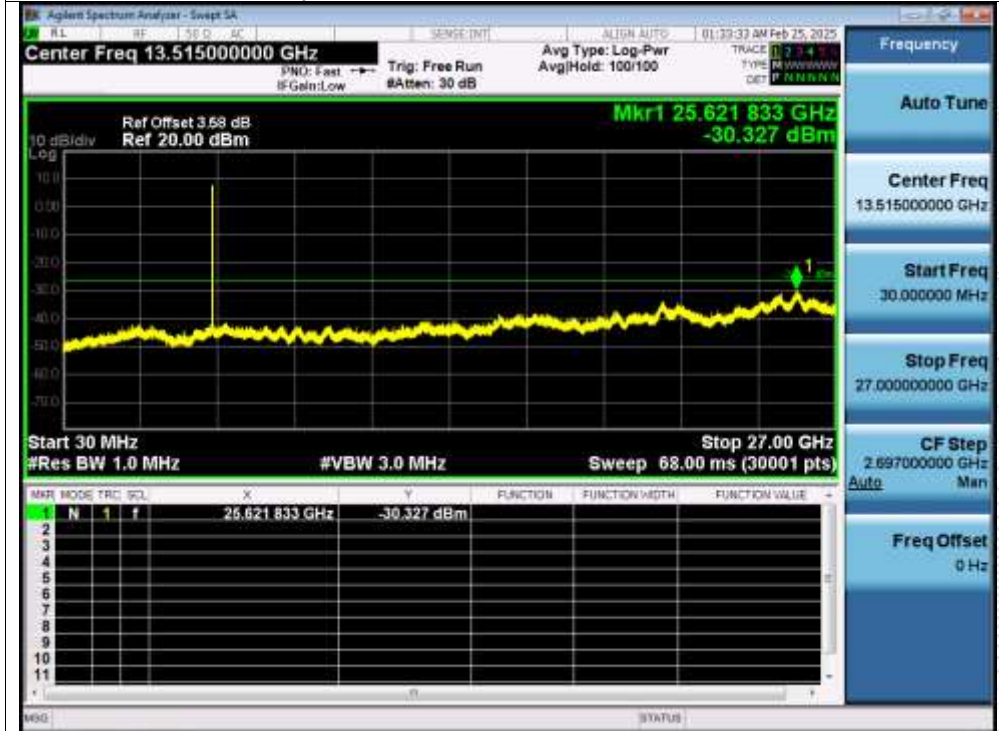


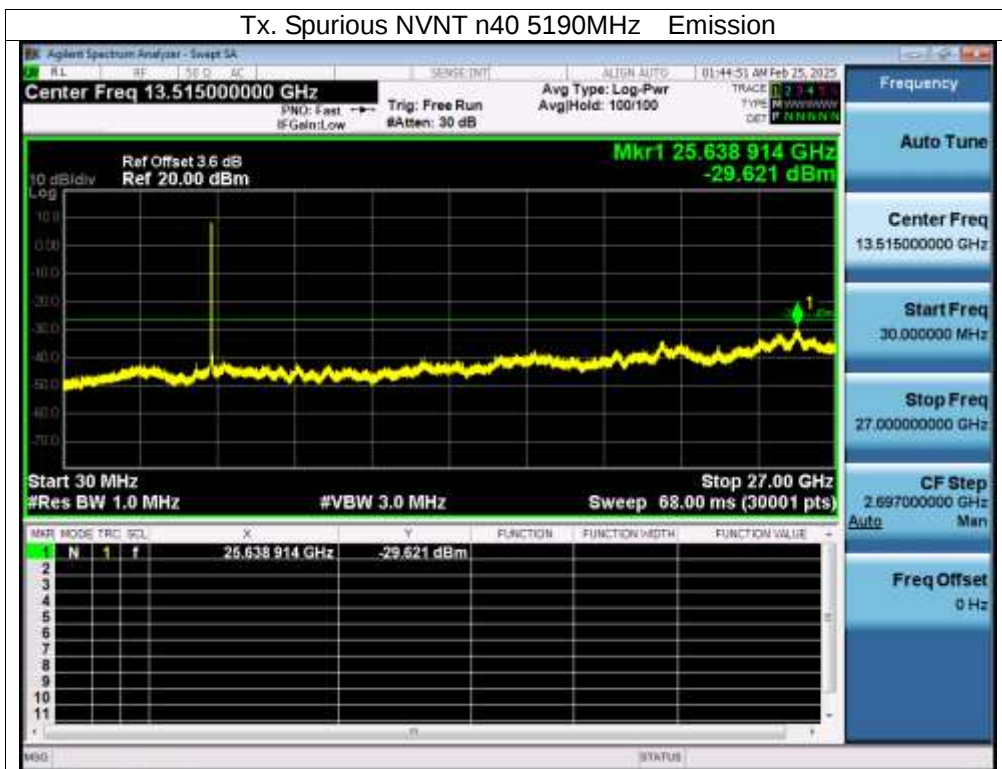
Tx. Spurious NVNT n20 5200MHz Emission



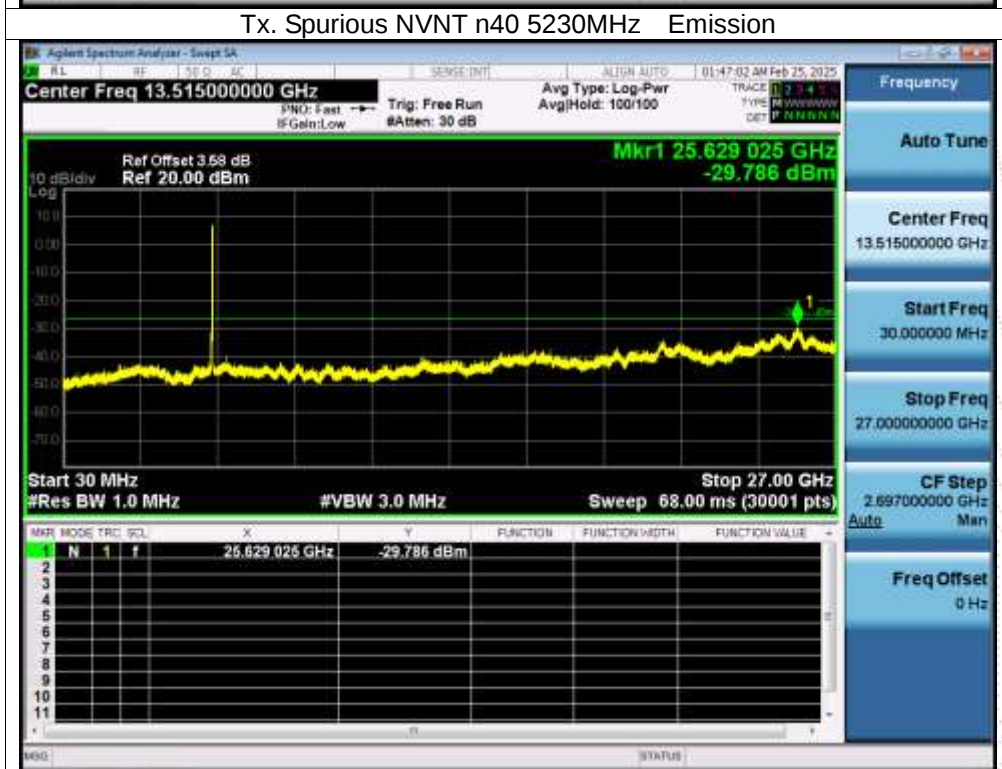
Tx. Spurious NVNT n20 5240MHz Emission



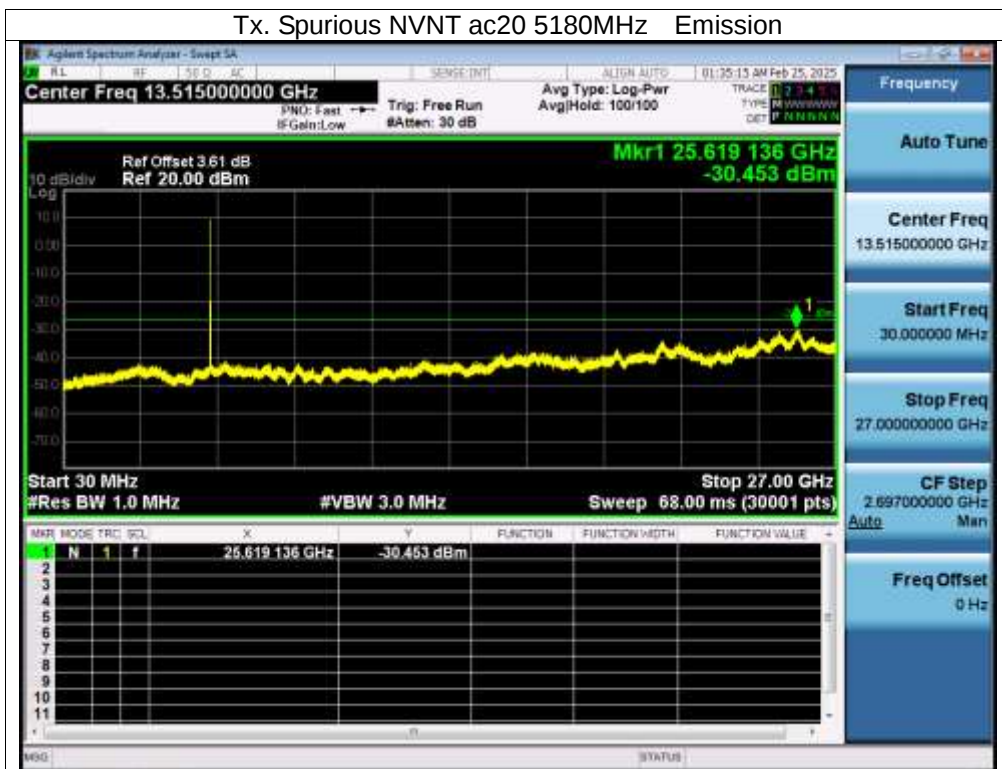
Tx. Spurious NVNT n40 5190MHz Emission



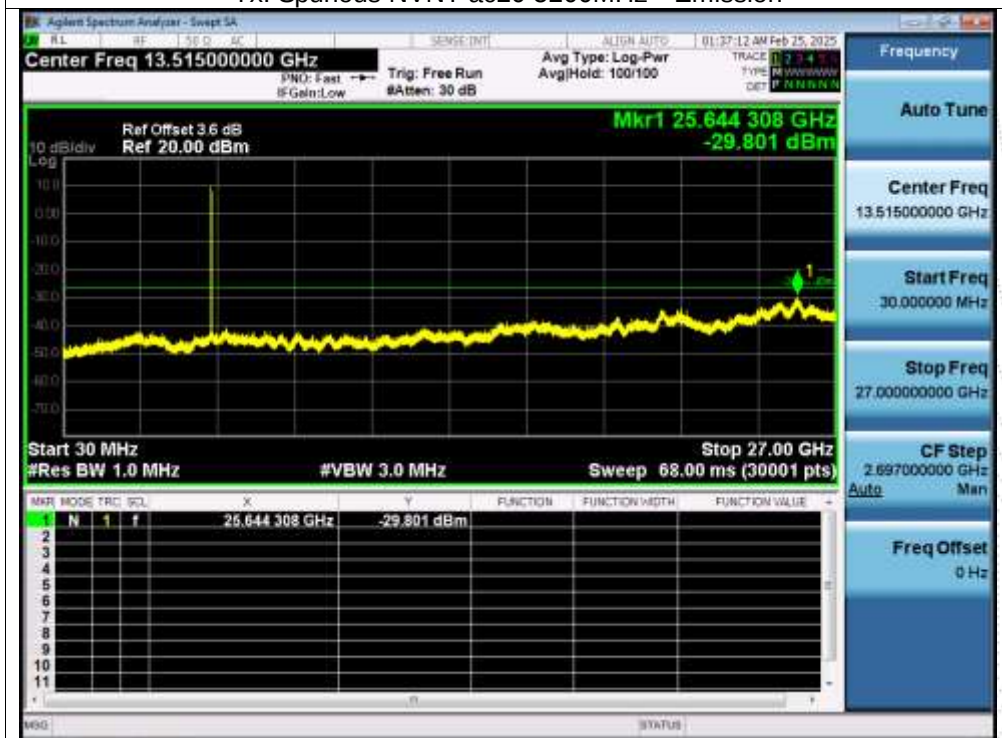
Tx. Spurious NVNT n40 5230MHz Emission



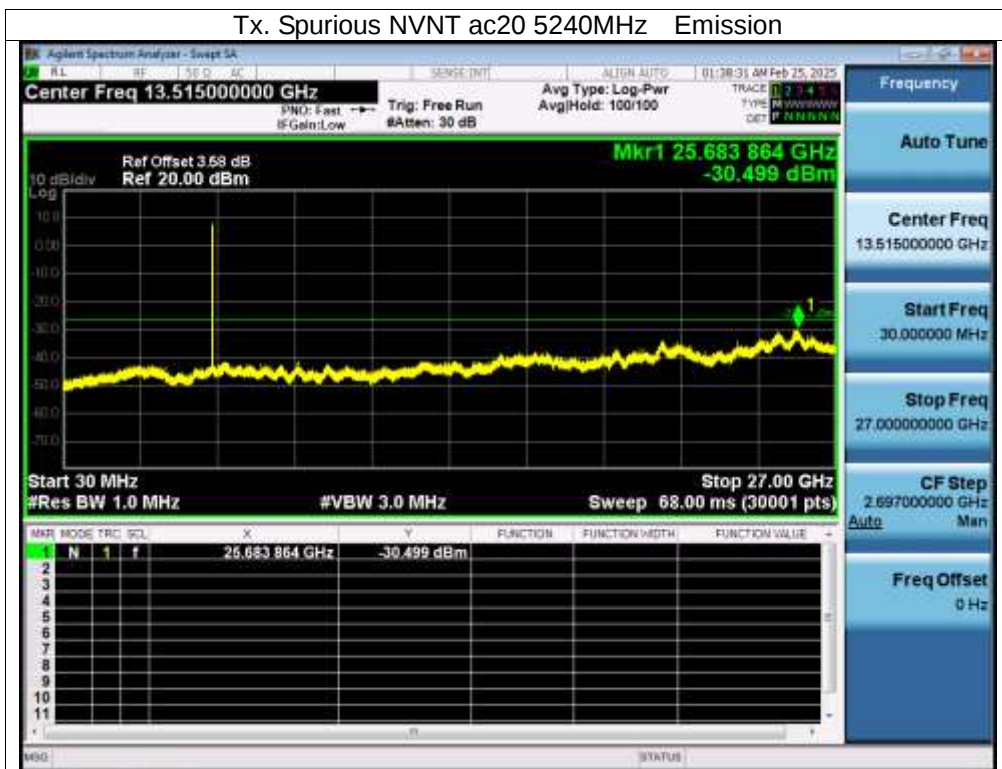
Tx. Spurious NVNT ac20 5180MHz Emission



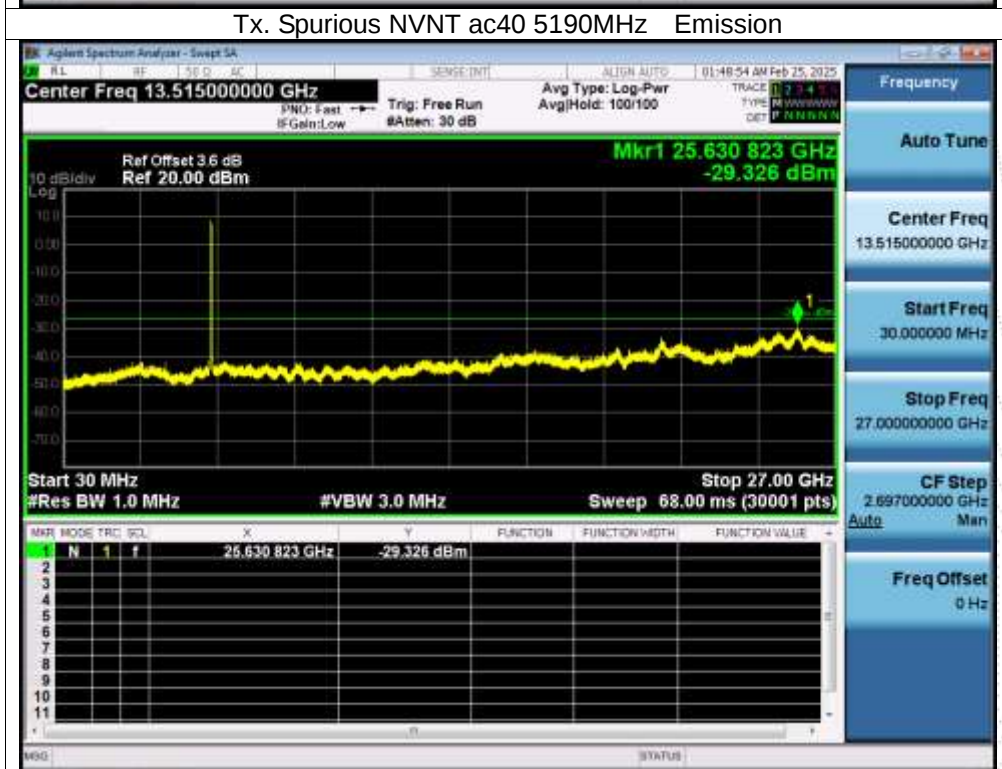
Tx. Spurious NVNT ac20 5200MHz Emission



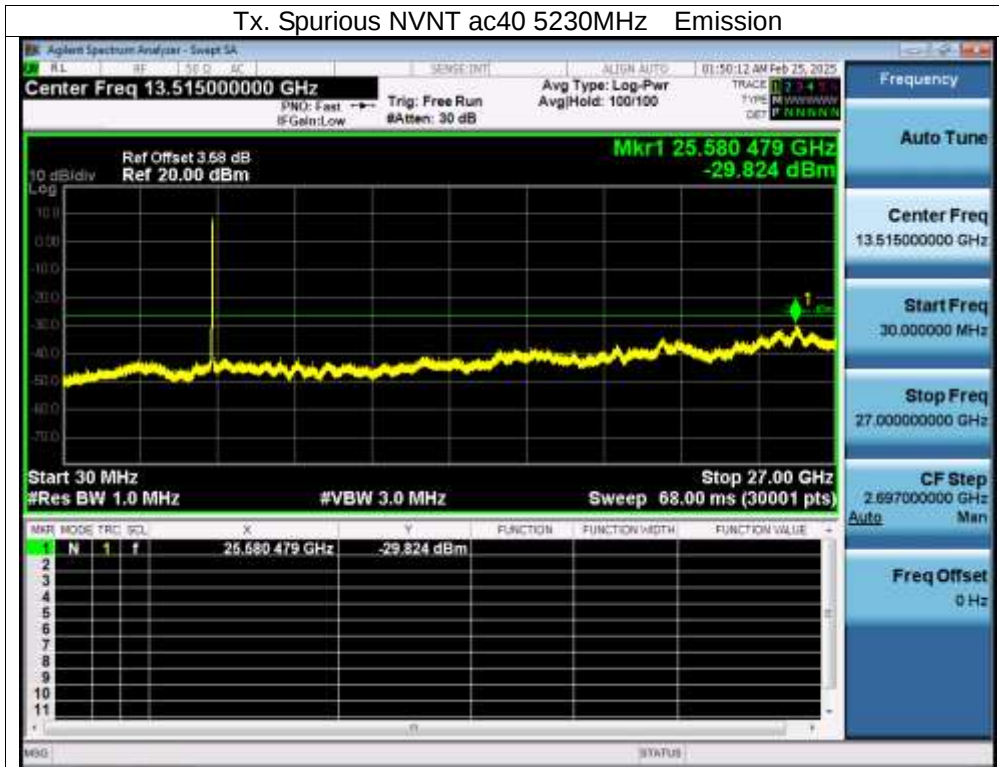
Tx. Spurious NVNT ac20 5240MHz Emission



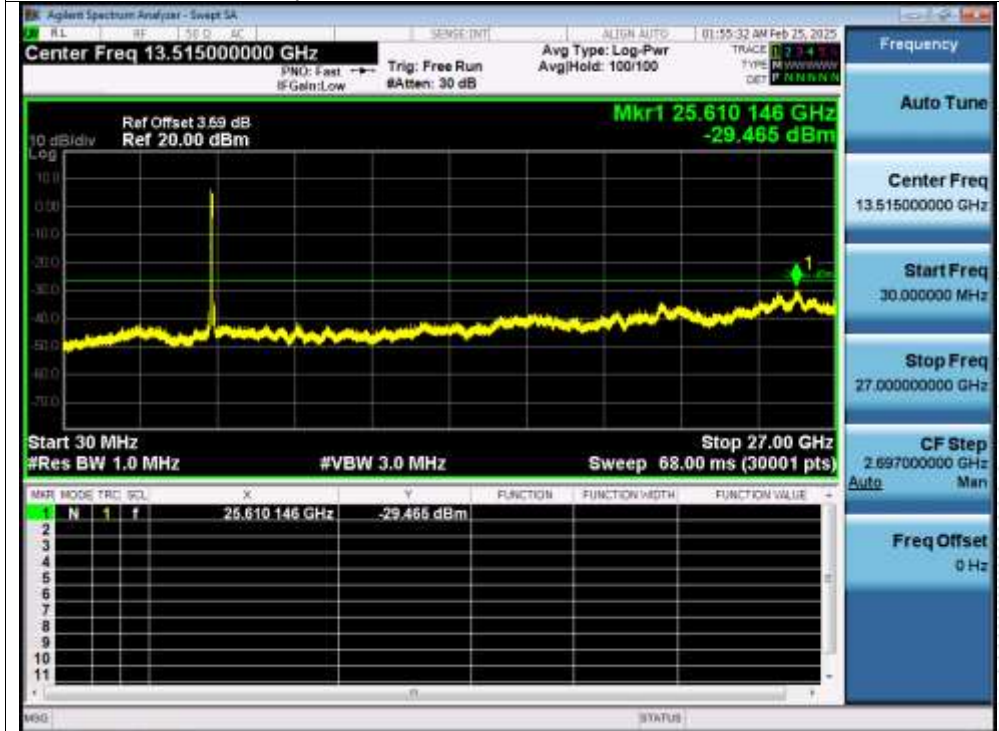
Tx. Spurious NVNT ac40 5190MHz Emission



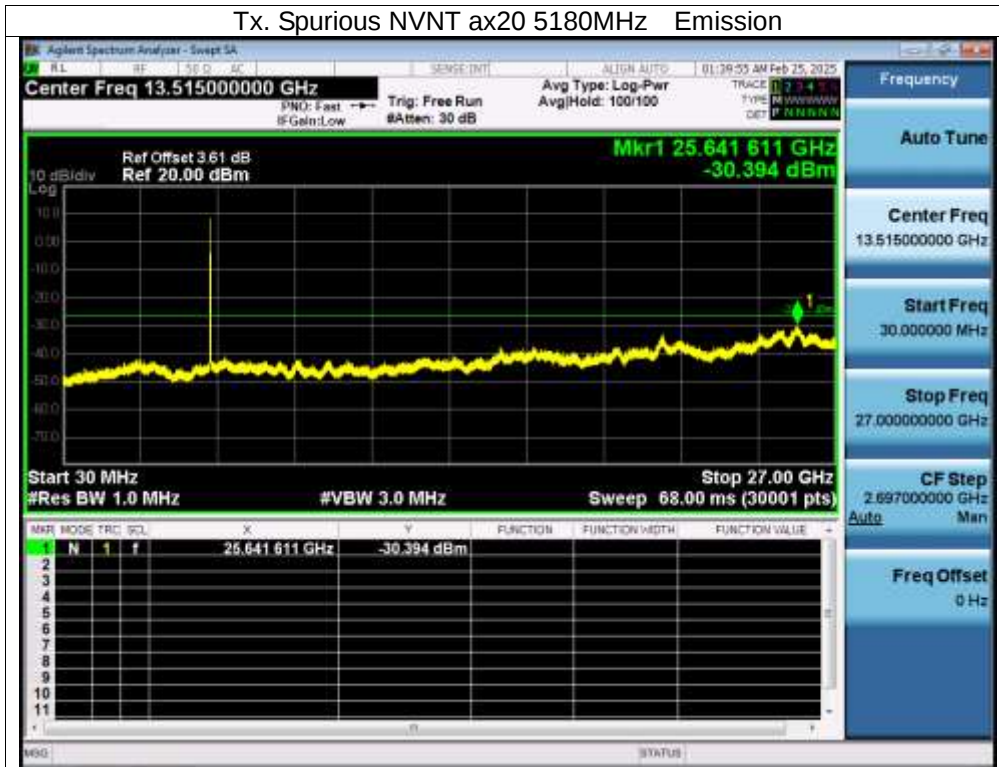
Tx. Spurious NVNT ac40 5230MHz Emission



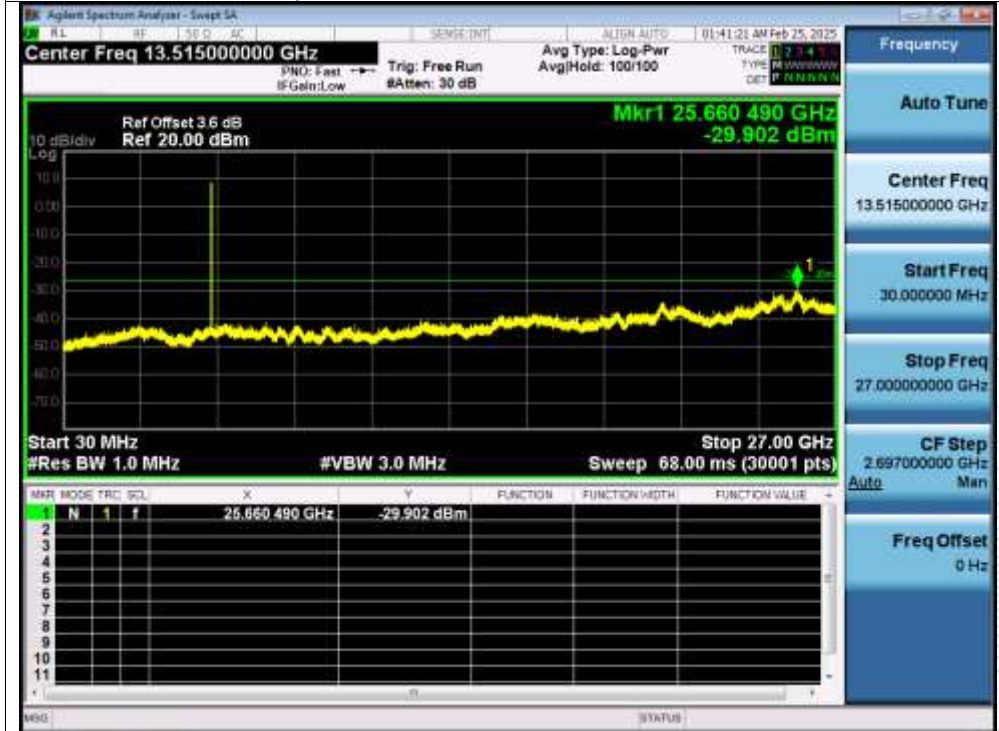
Tx. Spurious NVNT ac80 5210MHz Emission



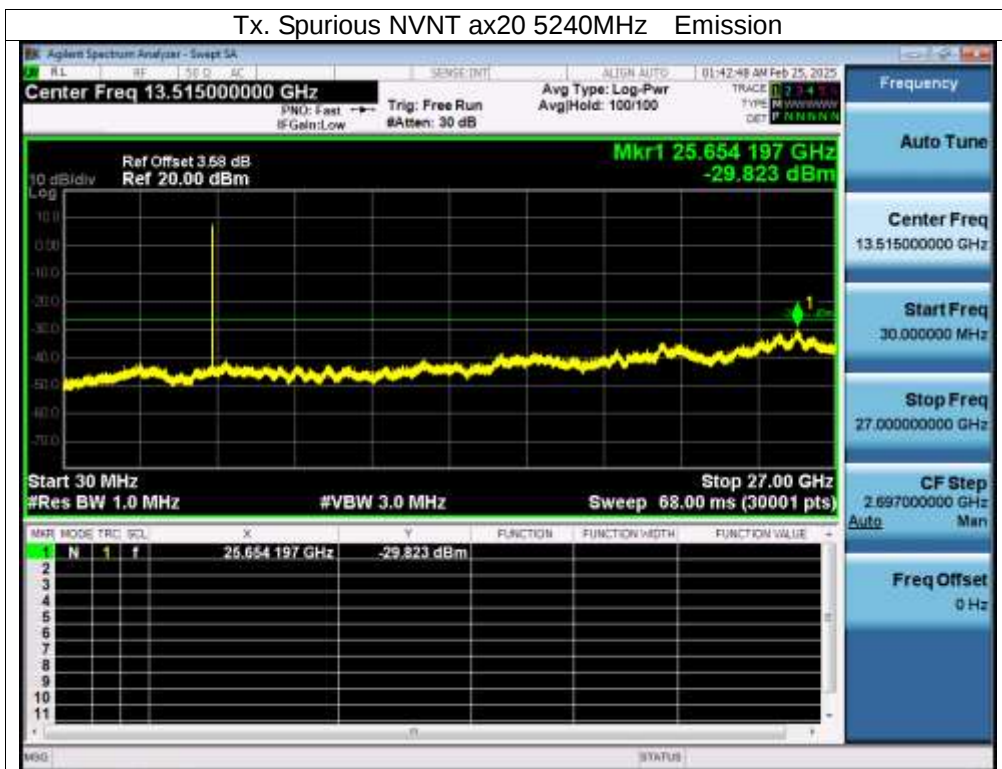
Tx. Spurious NVNT ax20 5180MHz Emission



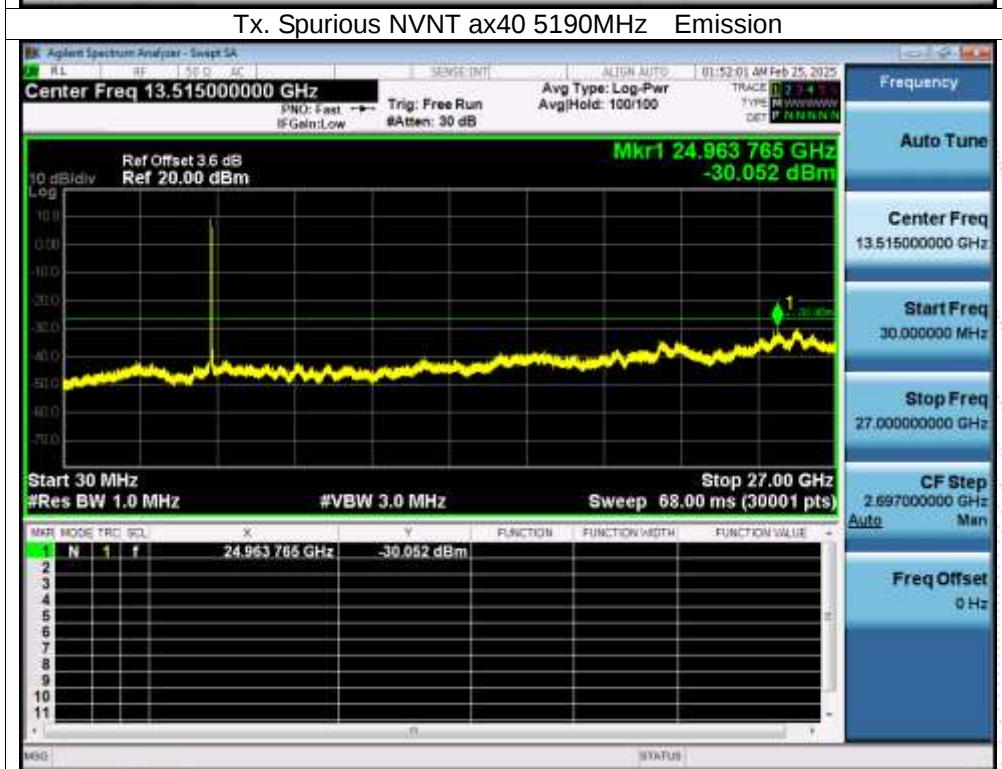
Tx. Spurious NVNT ax20 5200MHz Emission



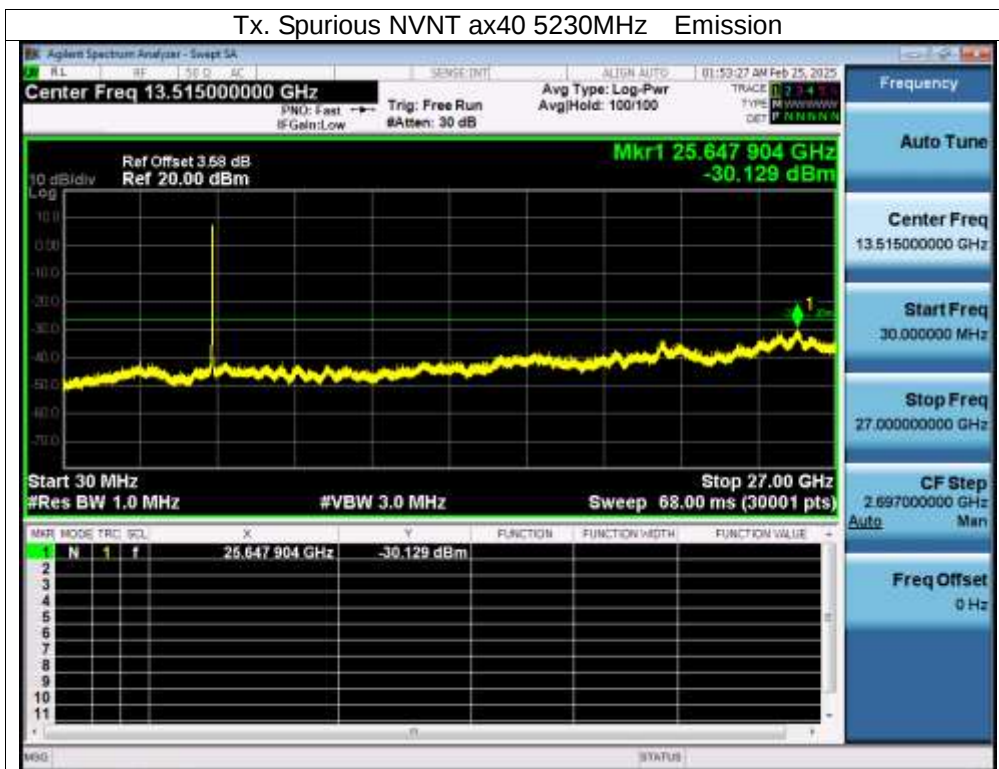
Tx. Spurious NVNT ax20 5240MHz Emission



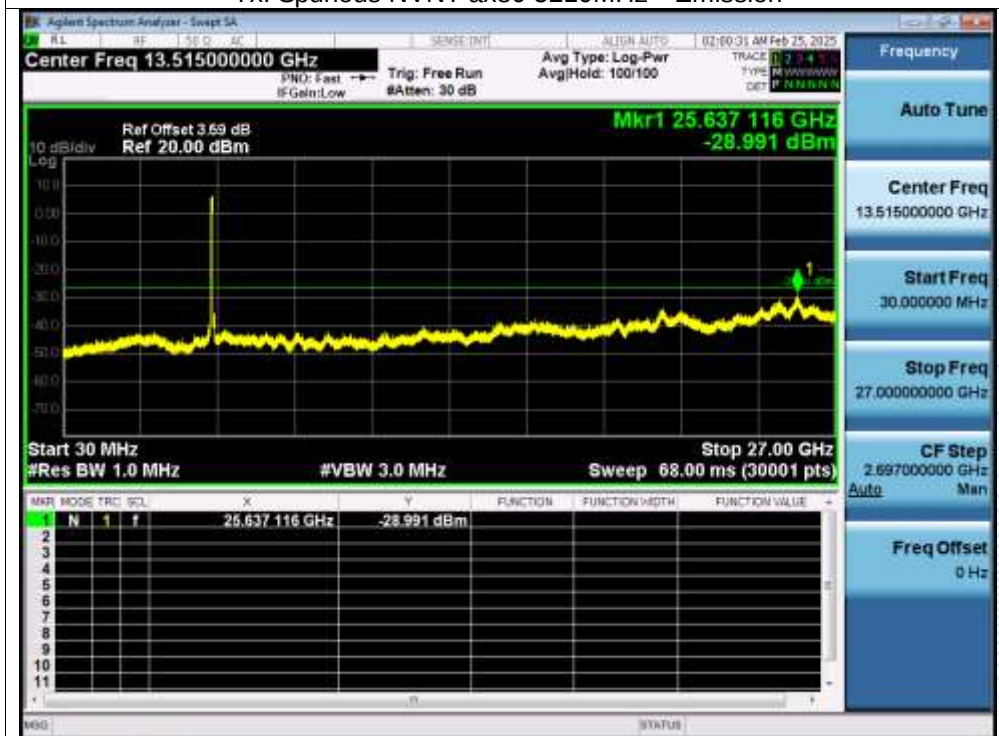
Tx. Spurious NVNT ax40 5190MHz Emission



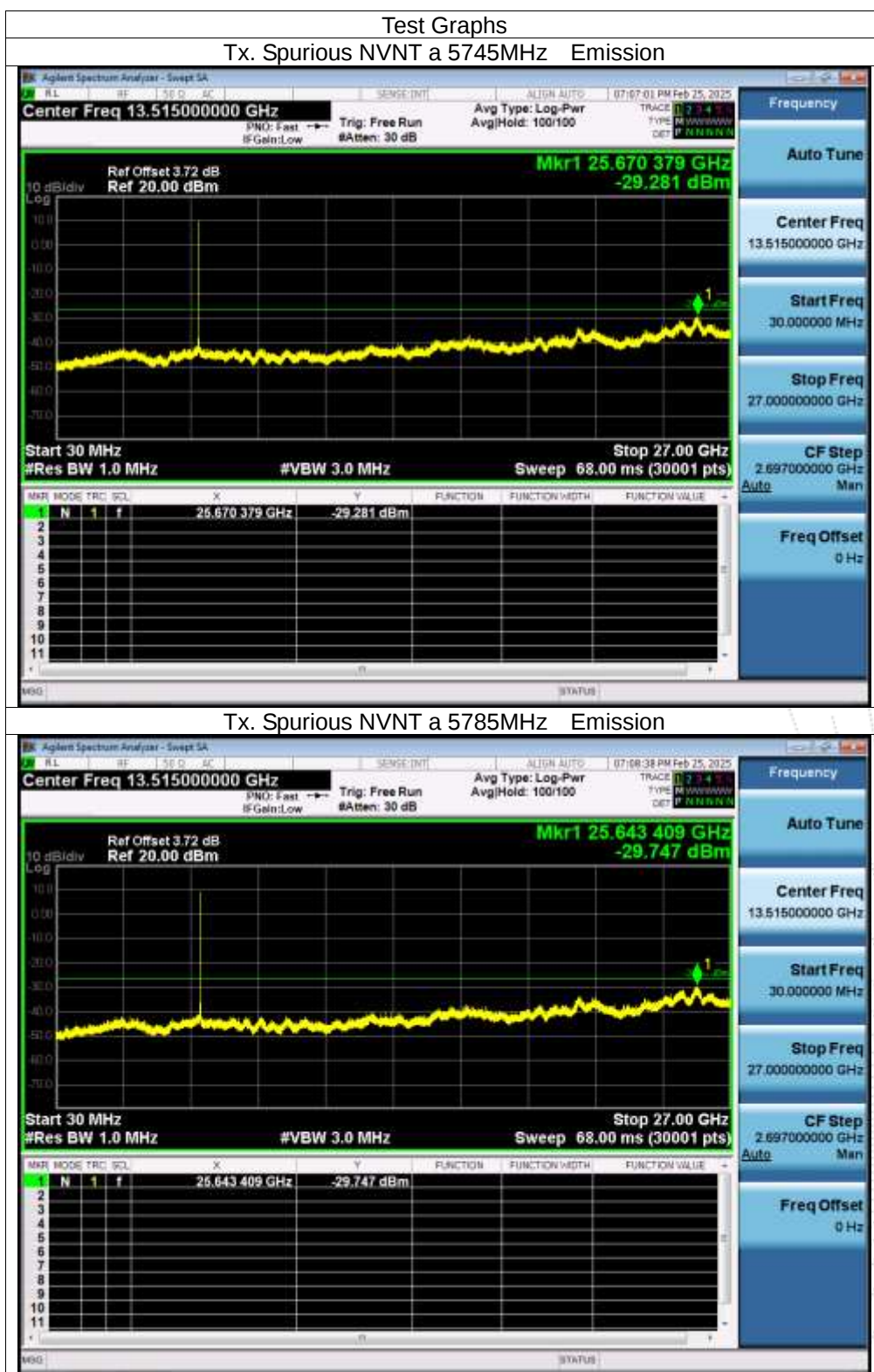
Tx. Spurious NVNT ax40 5230MHz Emission



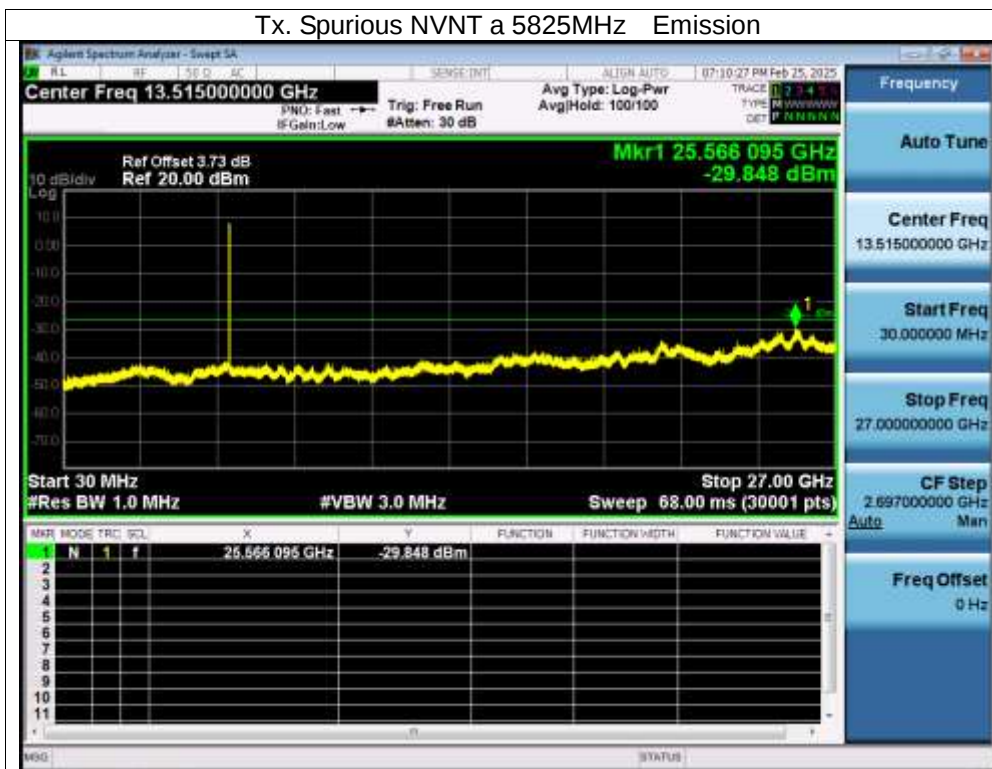
Tx. Spurious NVNT ax80 5210MHz Emission



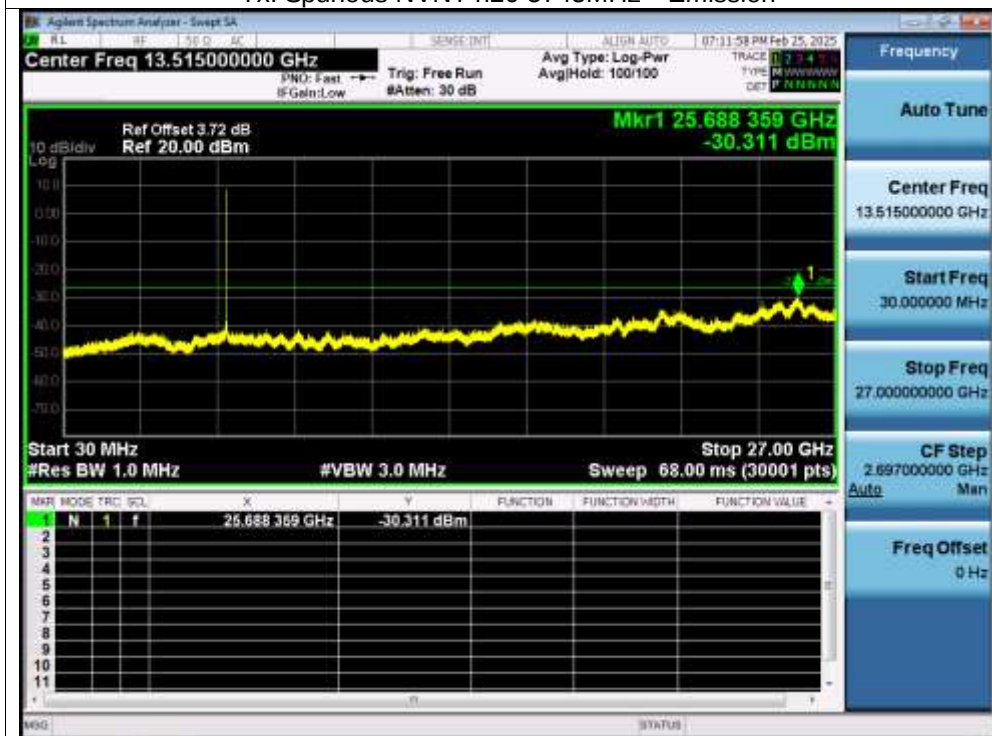
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.  
Antenna A: 5745-5825MHz



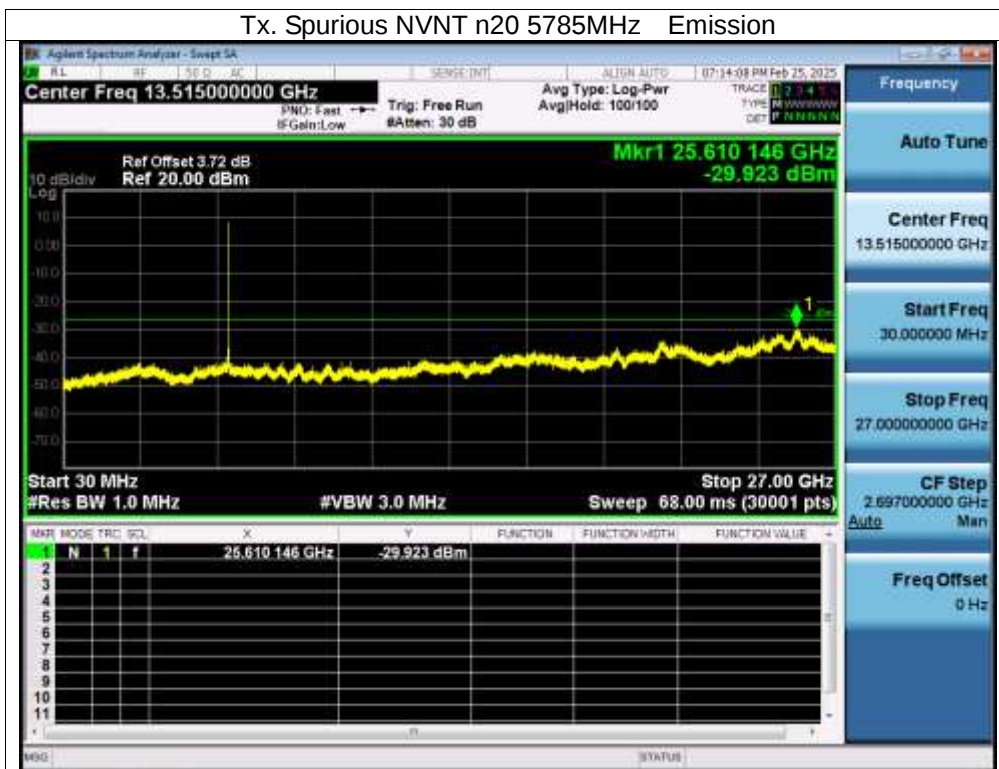
Tx. Spurious NVNT a 5825MHz Emission



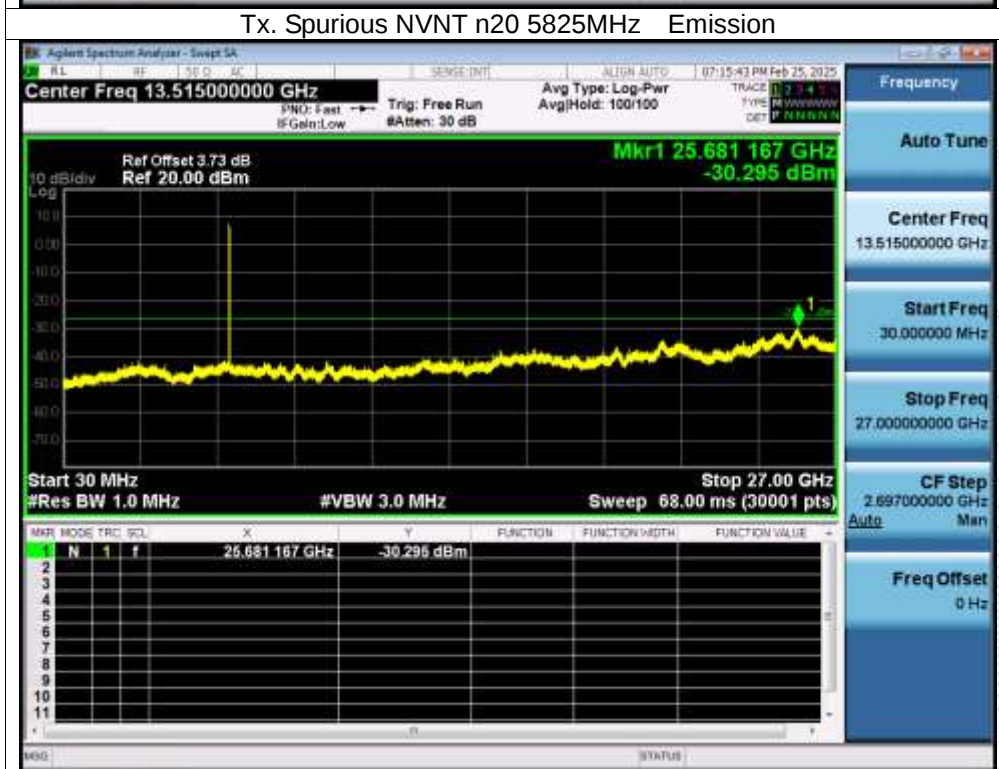
Tx. Spurious NVNT n20 5745MHz Emission



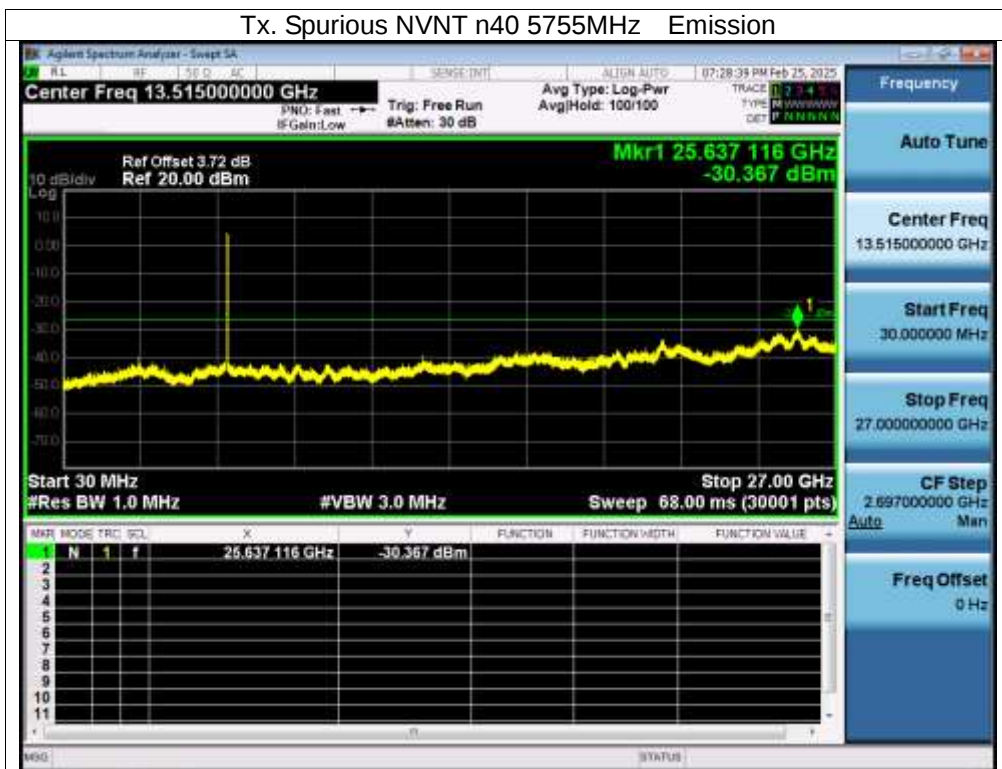
Tx. Spurious NVNT n20 5785MHz Emission



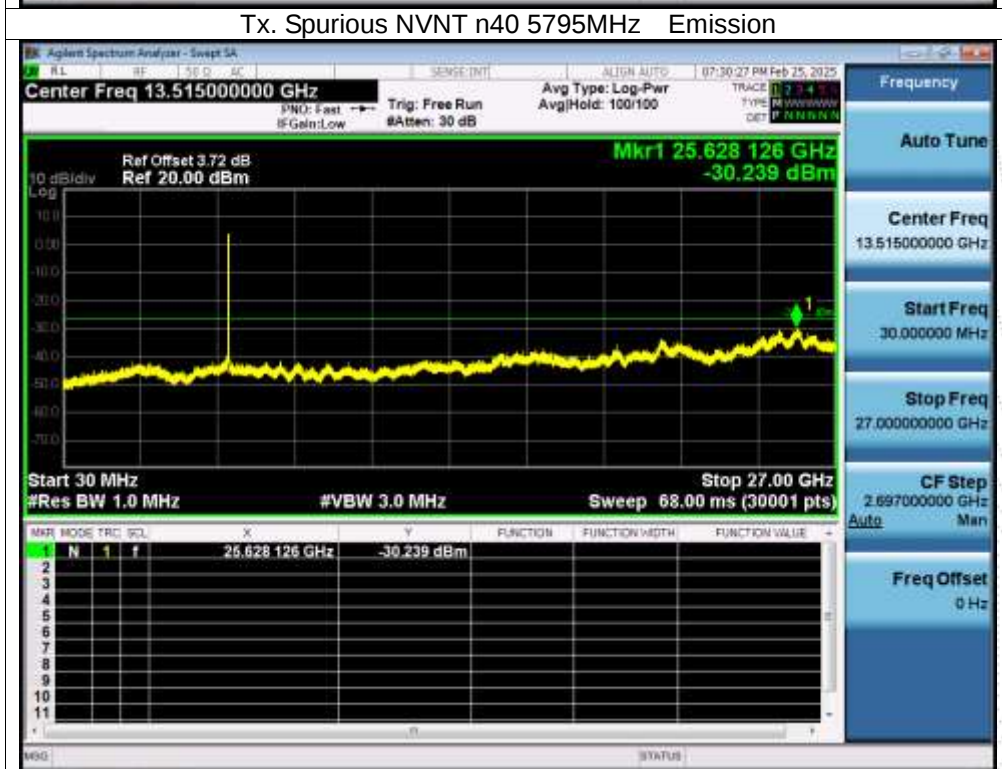
Tx. Spurious NVNT n20 5825MHz Emission



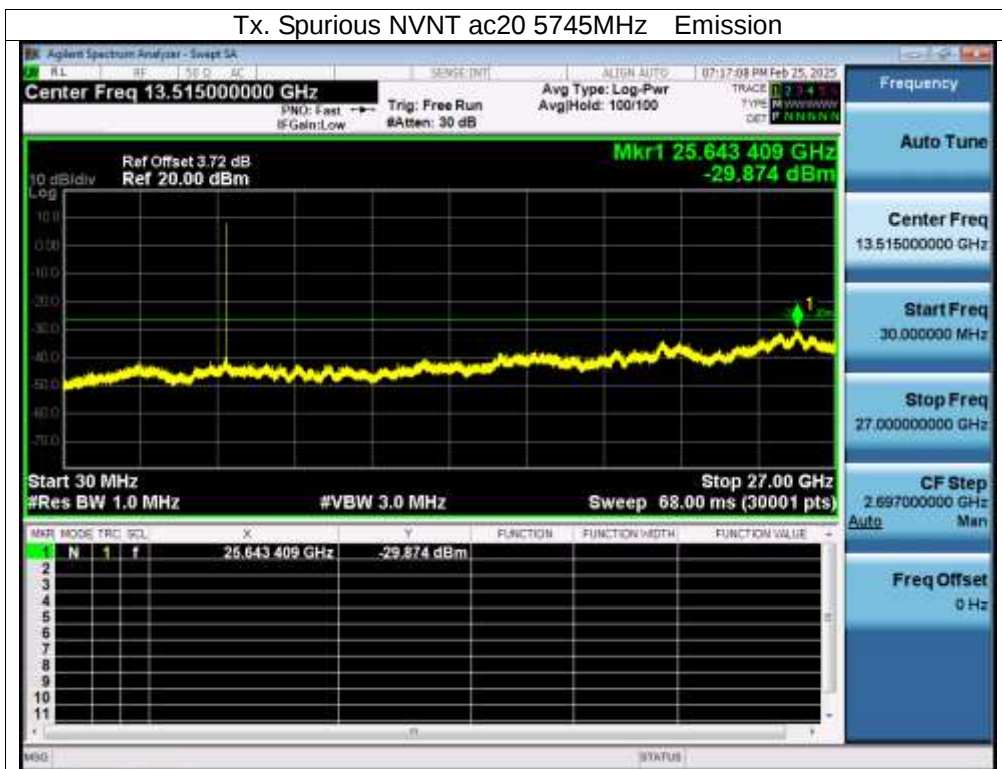
Tx. Spurious NVNT n40 5755MHz Emission



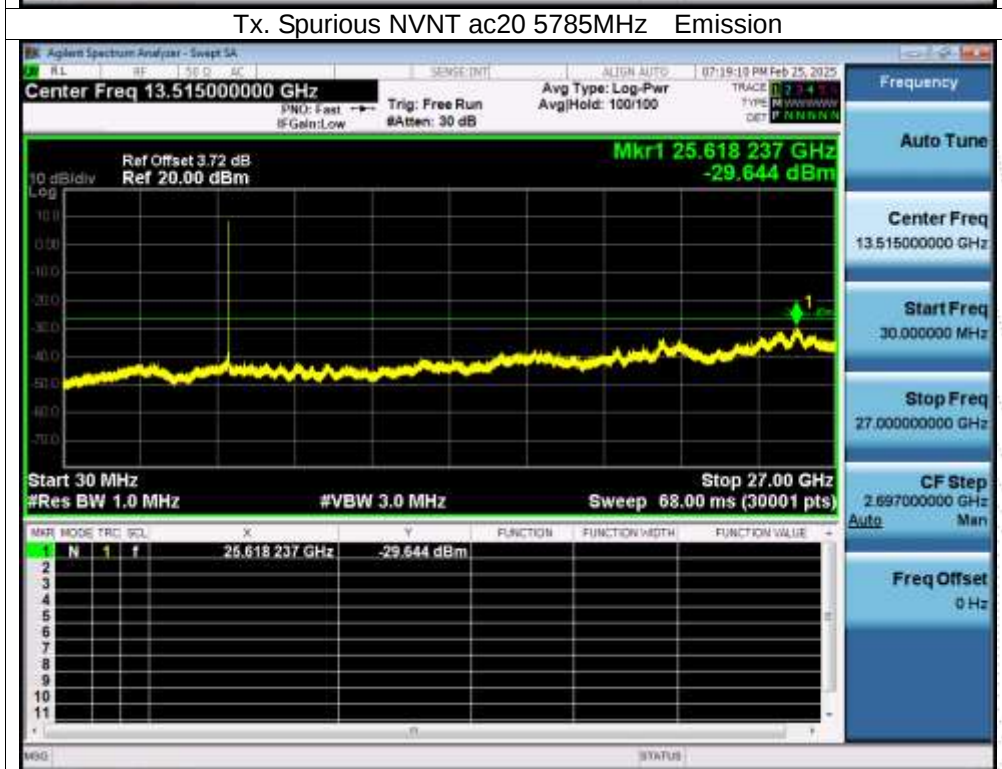
Tx. Spurious NVNT n40 5795MHz Emission



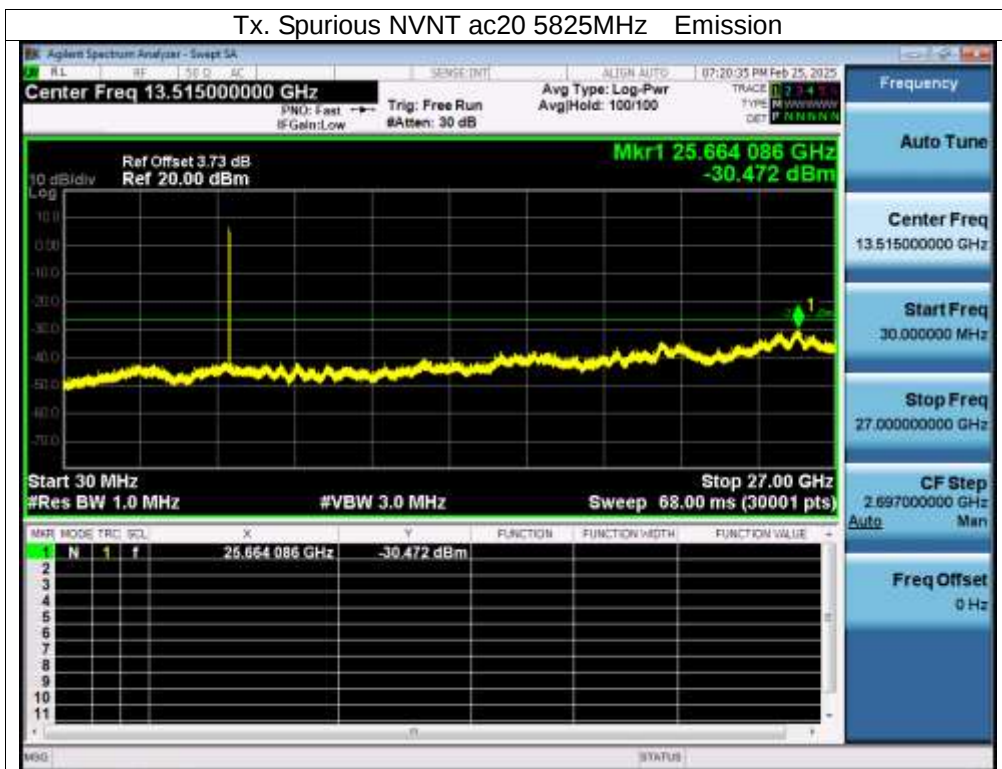
Tx. Spurious NVNT ac20 5745MHz Emission



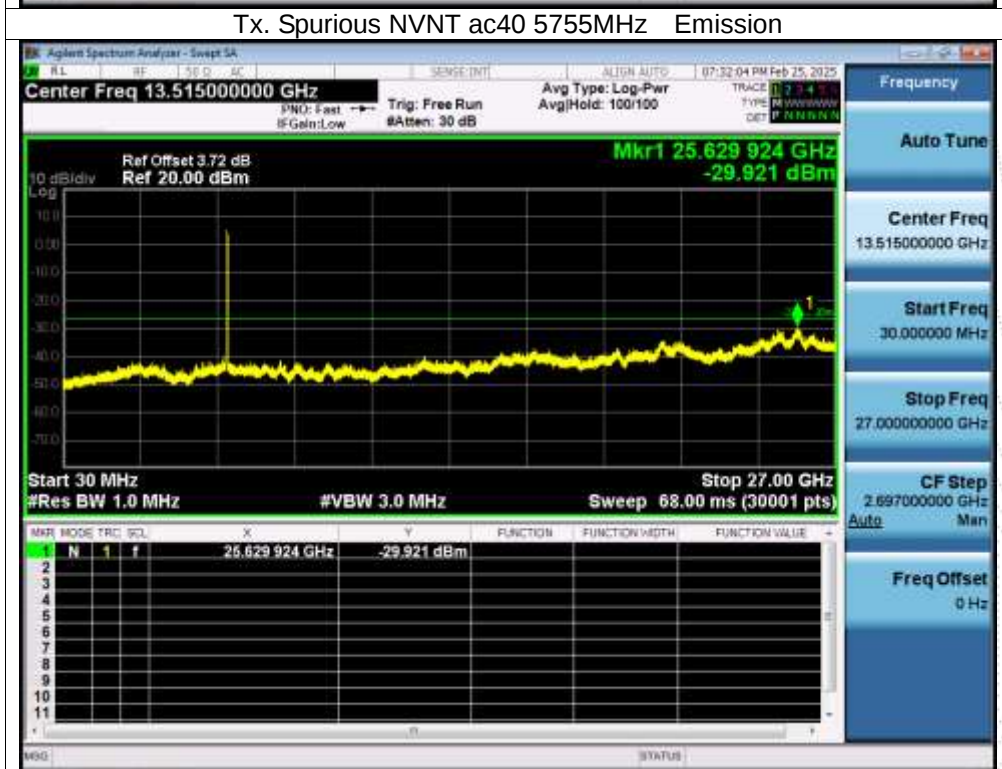
Tx. Spurious NVNT ac20 5785MHz Emission



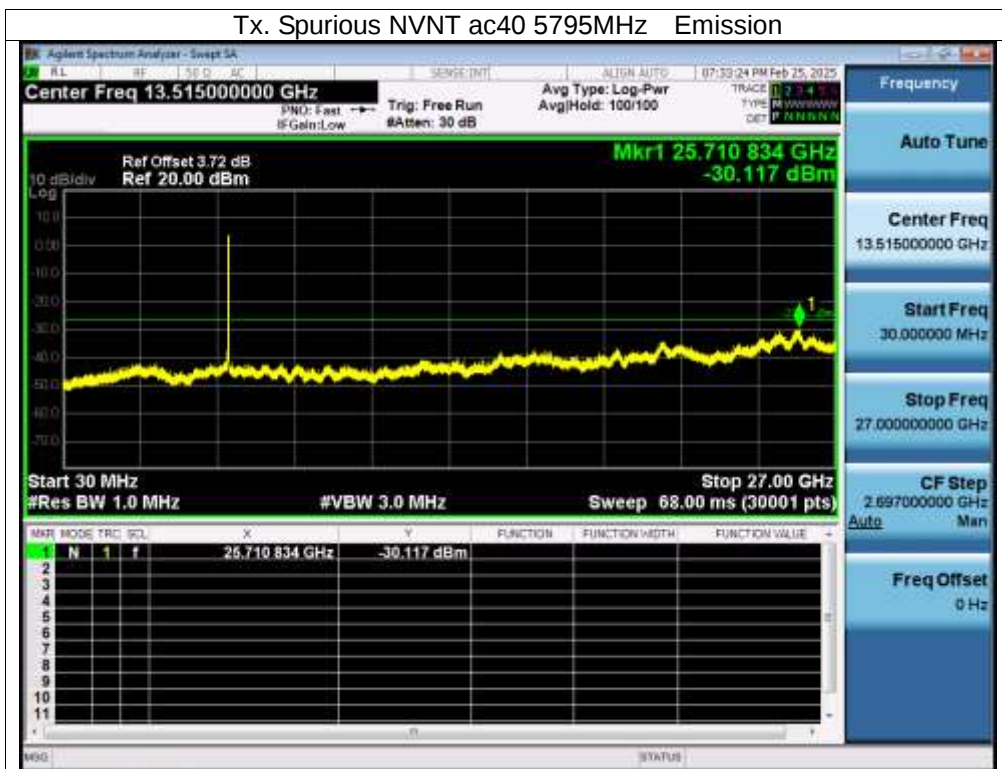
Tx. Spurious NVNT ac20 5825MHz Emission



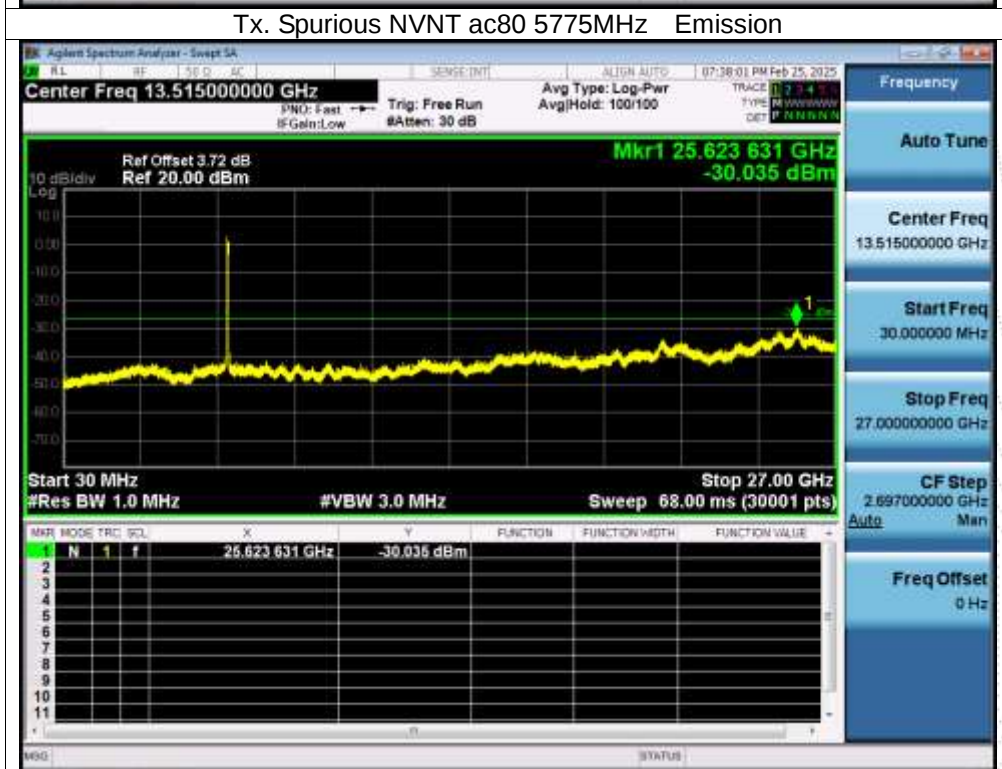
Tx. Spurious NVNT ac40 5755MHz Emission



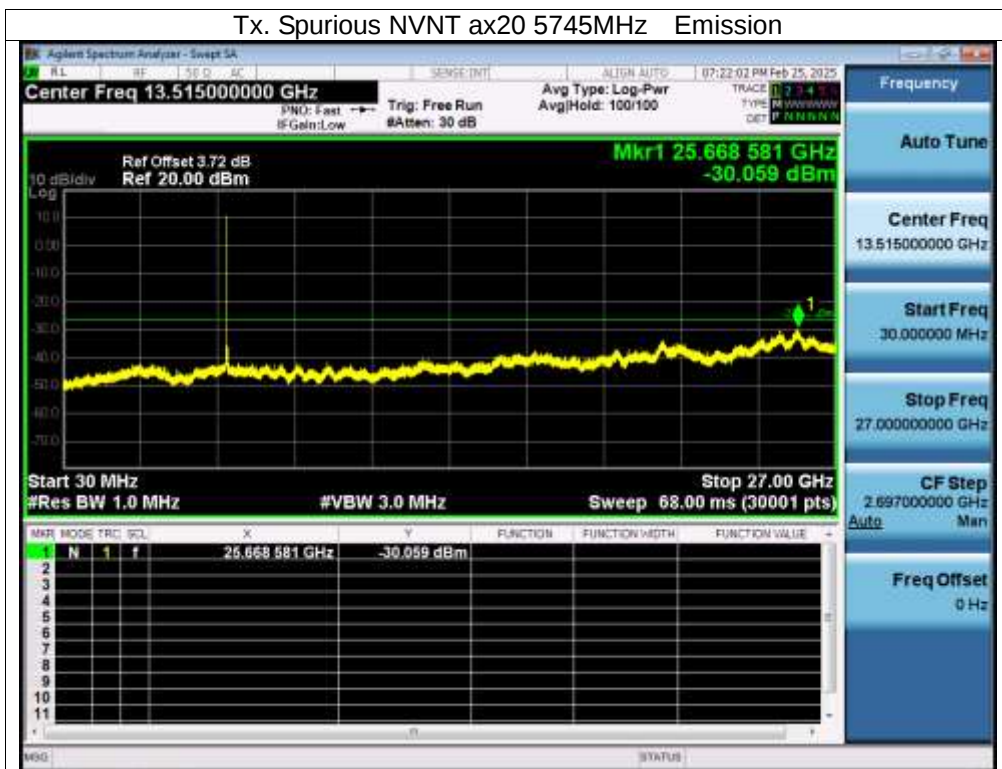
Tx. Spurious NVNT ac40 5795MHz Emission



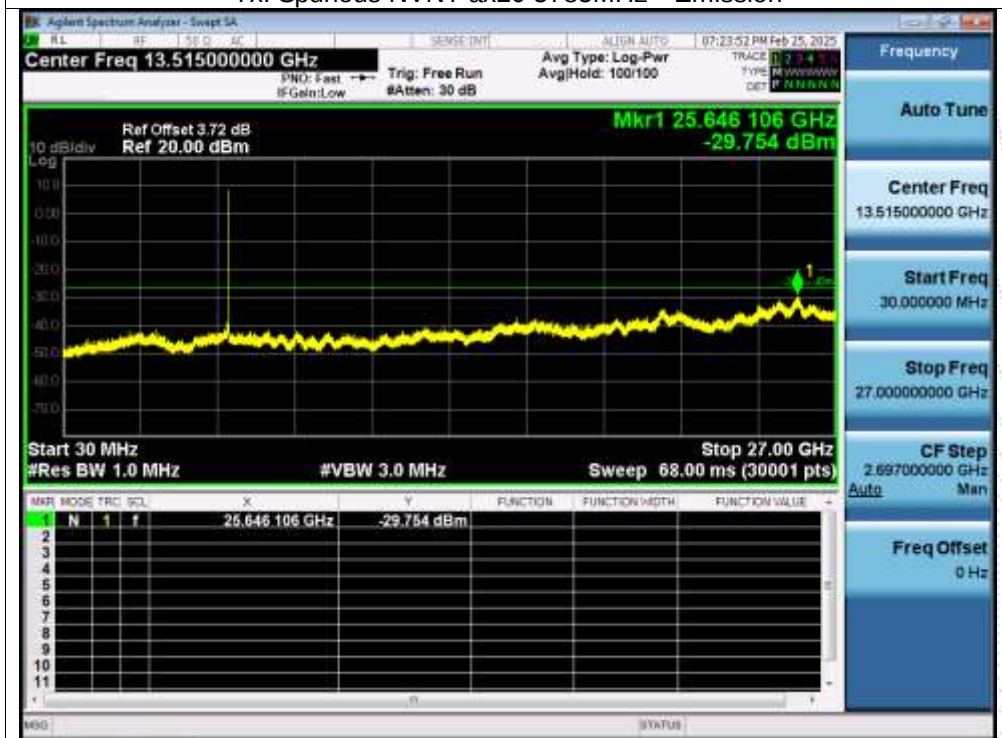
Tx. Spurious NVNT ac80 5775MHz Emission



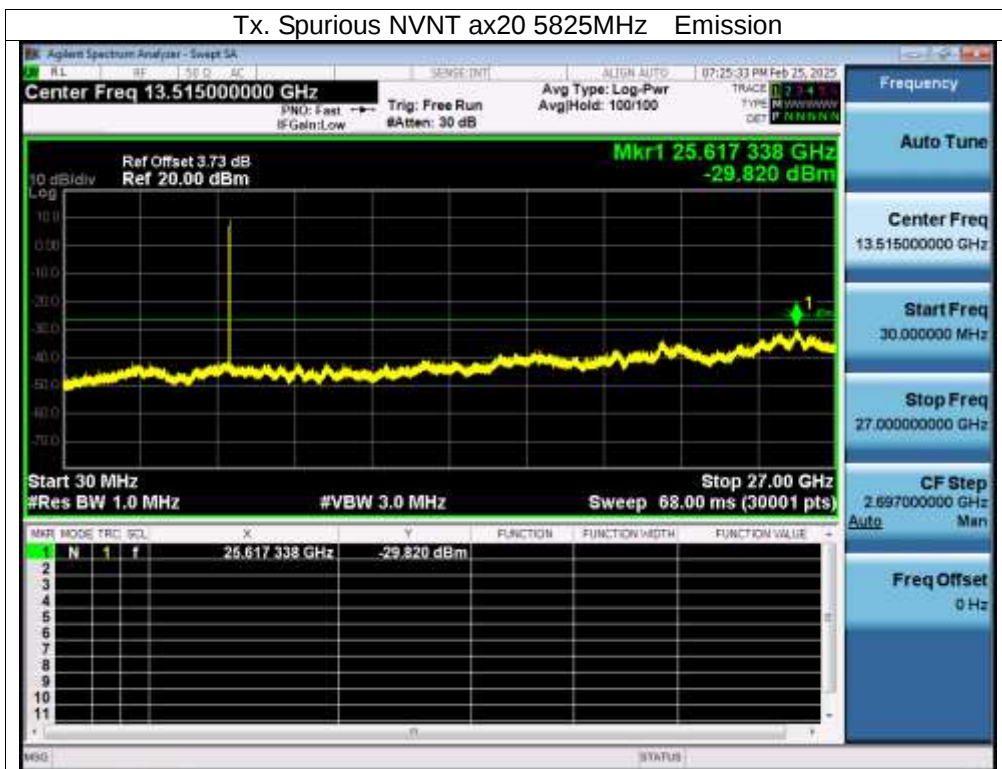
Tx. Spurious NVNT ax20 5745MHz Emission



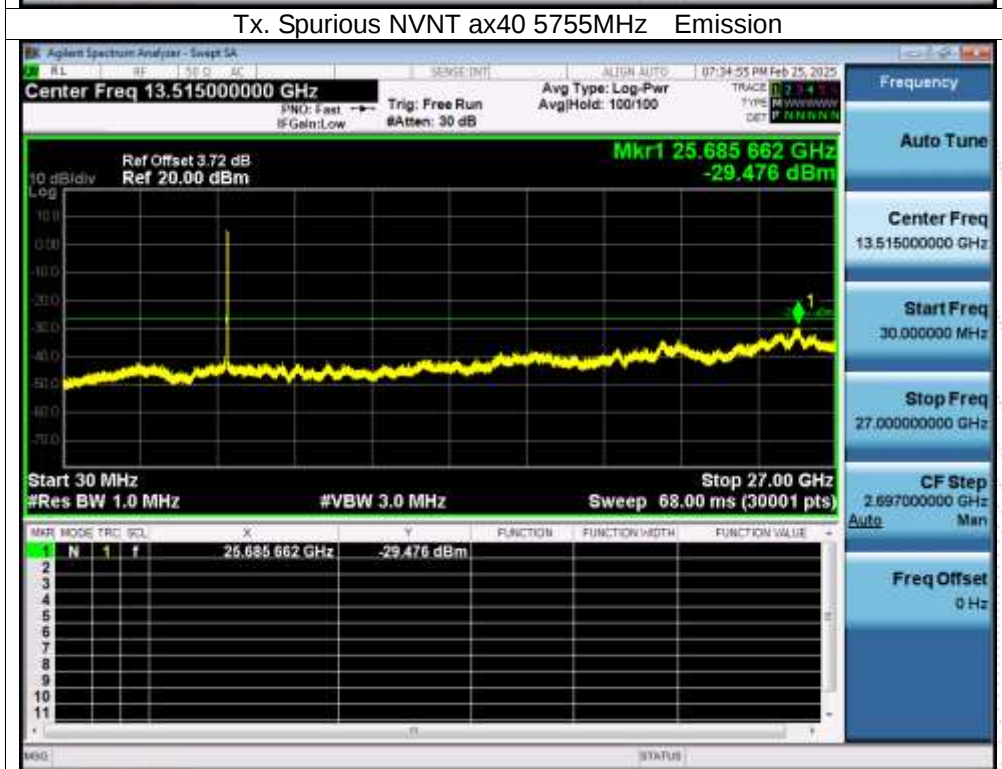
Tx. Spurious NVNT ax20 5785MHz Emission



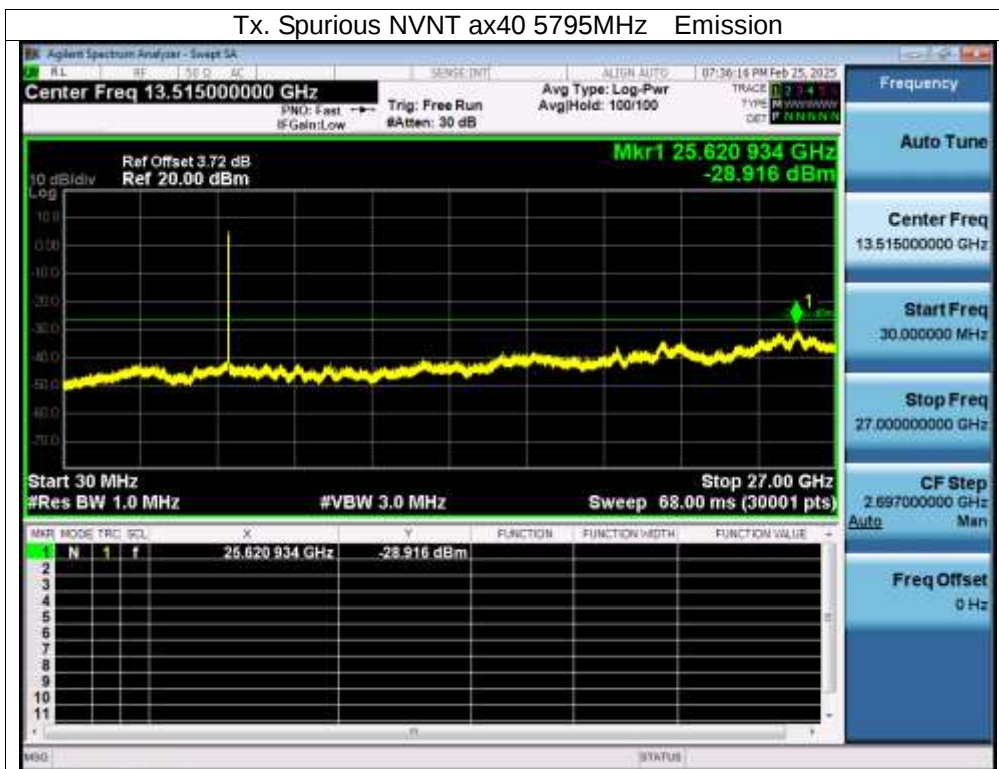
Tx. Spurious NVNT ax20 5825MHz Emission



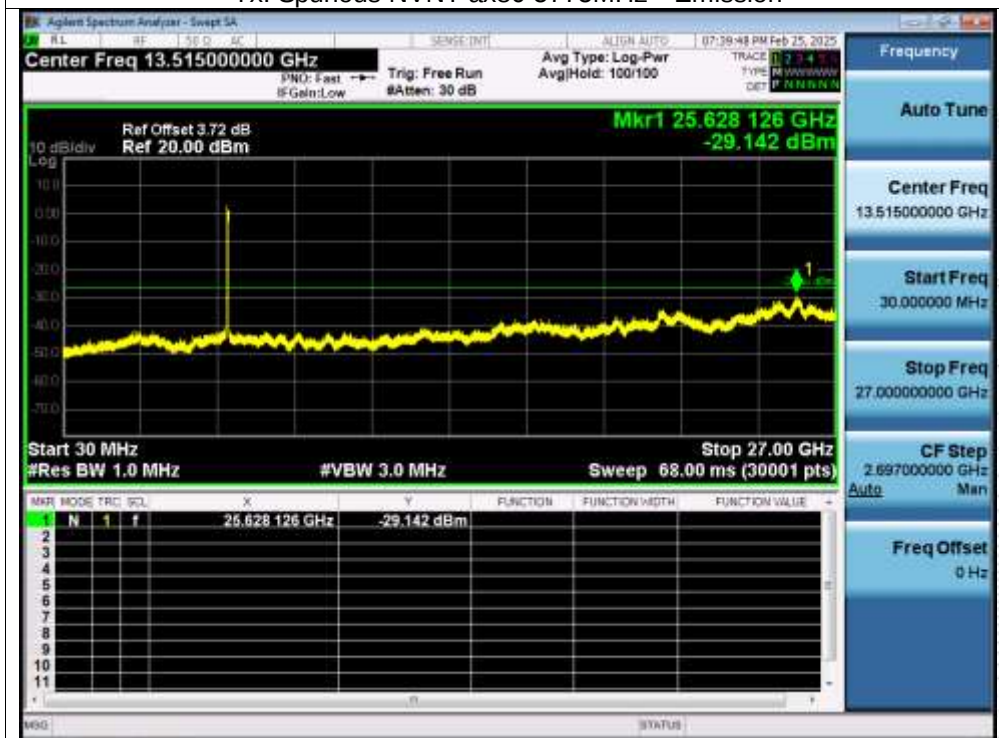
Tx. Spurious NVNT ax40 5755MHz Emission



Tx. Spurious NVNT ax40 5795MHz Emission



Tx. Spurious NVNT ax80 5775MHz Emission



### 13. Frequency Stability Measurement

#### 13.1 Block Diagram Of Test Setup



#### 13.2 Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be  $\pm 20$  ppm maximum for the 5 GHz band (IEEE 802.11n specification)..

#### 13.3 Test Procedure

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5.  $f_c$  is declaring of channel frequency. Then the frequency error formula is  $(f_c - f)/f_c \times 10^6$  ppm and he limit is less than  $\pm 20$ ppm (IEEE 802.11nspecification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature is  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ .

### 13.4 Test Result

|              |                                     |                    |          |
|--------------|-------------------------------------|--------------------|----------|
| Temperature: | 26 °C                               | Relative Humidity: | 54%RH    |
| Pressure:    | 101kPa                              | Test Voltage:      | DC 11.4V |
| Test Mode:   | TX Frequency U-NII-1 (5180-5240MHz) |                    |          |

#### Voltage vs. Frequency Stability

| TEST CONDITIONS |    |           |       | Reference Frequency : 5180MHz |      |                      |                      |
|-----------------|----|-----------|-------|-------------------------------|------|----------------------|----------------------|
|                 |    |           |       | f                             | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| T nom (°C)      | 20 | V nom (V) | 11.40 | 5180.0027                     | 5180 | 0.0027               | 0.5212               |
|                 |    | V max (V) | 13.11 | 5180.0067                     | 5180 | 0.0067               | 1.2934               |
|                 |    | V min (V) | 9.69  | 5180.0112                     | 5180 | 0.0112               | 2.1622               |
| Limits          |    |           |       | 5150-5250 MHz                 |      |                      |                      |
| Result          |    |           |       | Complies                      |      |                      |                      |

#### Temperature vs. Frequency Stability

| TEST CONDITIONS |     |        |     | Reference Frequency: 5180MHz |      |                      |                      |
|-----------------|-----|--------|-----|------------------------------|------|----------------------|----------------------|
|                 |     |        |     | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| V nom (V)       | 7.4 | T (°C) | -20 | 5180.0130                    | 5180 | 0.0130               | 2.5097               |
|                 |     | T (°C) | -10 | 5180.0026                    | 5180 | 0.0026               | 0.5019               |
|                 |     | T (°C) | 0   | 5180.0029                    | 5180 | 0.0029               | 0.5598               |
|                 |     | T (°C) | 10  | 5180.0020                    | 5180 | 0.0020               | 0.3861               |
|                 |     | T (°C) | 20  | 5180.0125                    | 5180 | 0.0125               | 2.4131               |
|                 |     | T (°C) | 30  | 5180.0123                    | 5180 | 0.0123               | 2.3745               |
|                 |     | T (°C) | 40  | 5180.0124                    | 5180 | 0.0124               | 2.3938               |
|                 |     | T (°C) | 50  | 5180.0090                    | 5180 | 0.0090               | 1.7375               |
|                 |     | T (°C) | 60  | 5180.0059                    | 5180 | 0.0059               | 1.1390               |
|                 |     | T (°C) | 70  | 5180.0117                    | 5180 | 0.0117               | 2.2587               |
| Limits          |     |        |     | 5150-5250 MHz                |      |                      |                      |
| Result          |     |        |     | Complies                     |      |                      |                      |

## Voltage vs. Frequency Stability

| TEST CONDITIONS |    |           |       | Reference Frequency: 5200MHz |      |                      |                      |
|-----------------|----|-----------|-------|------------------------------|------|----------------------|----------------------|
|                 |    |           |       | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| T nom (°C)      | 20 | V nom (V) | 11.40 | 5200.0129                    | 5200 | 0.0129               | 2.4808               |
|                 |    | V max (V) | 13.11 | 5200.0026                    | 5200 | 0.0026               | 0.5000               |
|                 |    | V min (V) | 9.69  | 5200.0036                    | 5200 | 0.0036               | 0.6923               |
| Limits          |    |           |       | 5150-5250 MHz                |      |                      |                      |
| Result          |    |           |       | Complies                     |      |                      |                      |

## Temperature vs. Frequency Stability

| TEST CONDITIONS |     |        |     | Reference Frequency: 5200MHz |      |                      |                      |
|-----------------|-----|--------|-----|------------------------------|------|----------------------|----------------------|
|                 |     |        |     | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| V nom (V)       | 7.4 | T (°C) | -20 | 5200.0100                    | 5200 | 0.0100               | 1.9231               |
|                 |     | T (°C) | -10 | 5200.0122                    | 5200 | 0.0122               | 2.3462               |
|                 |     | T (°C) | 0   | 5200.0048                    | 5200 | 0.0048               | 0.9231               |
|                 |     | T (°C) | 10  | 5200.0034                    | 5200 | 0.0034               | 0.6538               |
|                 |     | T (°C) | 20  | 5200.0032                    | 5200 | 0.0032               | 0.6154               |
|                 |     | T (°C) | 30  | 5200.0107                    | 5200 | 0.0107               | 2.0577               |
|                 |     | T (°C) | 40  | 5200.0053                    | 5200 | 0.0053               | 1.0192               |
|                 |     | T (°C) | 50  | 5200.0049                    | 5200 | 0.0049               | 0.9423               |
|                 |     | T (°C) | 60  | 5200.0004                    | 5200 | 0.0004               | 0.0769               |
|                 |     | T (°C) | 70  | 5200.0099                    | 5200 | 0.0099               | 1.9038               |
| Limits          |     |        |     | 5150-5250 MHz                |      |                      |                      |
| Result          |     |        |     | Complies                     |      |                      |                      |

## Voltage vs. Frequency Stability

| TEST CONDITIONS |    |           |       | Reference Frequency: 5240MHz |      |                      |                      |
|-----------------|----|-----------|-------|------------------------------|------|----------------------|----------------------|
|                 |    |           |       | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| T nom (°C)      | 20 | V nom (V) | 11.40 | 5240.0134                    | 5240 | 0.0134               | 2.5573               |
|                 |    | V max (V) | 13.11 | 5240.0036                    | 5240 | 0.0036               | 0.6870               |
|                 |    | V min (V) | 9.69  | 5240.0062                    | 5240 | 0.0062               | 1.1832               |
| Limits          |    |           |       | 5150-5250 MHz                |      |                      |                      |
| Result          |    |           |       | Complies                     |      |                      |                      |

## Temperature vs. Frequency Stability

| TEST CONDITIONS |   |        |     | Reference Frequency: 5240MHz |      |                      |                      |
|-----------------|---|--------|-----|------------------------------|------|----------------------|----------------------|
|                 |   |        |     | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| V nom (V)       | 5 | T (°C) | -20 | 5240.0004                    | 5240 | 0.0004               | 0.0763               |
|                 |   | T (°C) | -10 | 5240.0083                    | 5240 | 0.0083               | 1.5840               |
|                 |   | T (°C) | 0   | 5240.0114                    | 5240 | 0.0114               | 2.1756               |
|                 |   | T (°C) | 10  | 5240.0027                    | 5240 | 0.0027               | 0.5153               |
|                 |   | T (°C) | 20  | 5240.0005                    | 5240 | 0.0005               | 0.0954               |
|                 |   | T (°C) | 30  | 5240.0093                    | 5240 | 0.0093               | 1.7748               |
|                 |   | T (°C) | 40  | 5240.0094                    | 5240 | 0.0094               | 1.7939               |
|                 |   | T (°C) | 50  | 5240.0135                    | 5240 | 0.0135               | 2.5763               |
|                 |   | T (°C) | 60  | 5240.0061                    | 5240 | 0.0061               | 1.1641               |
|                 |   | T (°C) | 70  | 5240.0098                    | 5240 | 0.0098               | 1.8702               |
| Limits          |   |        |     | 5150-5250 MHz                |      |                      |                      |
| Result          |   |        |     | Complies                     |      |                      |                      |

|              |                                     |                    |          |
|--------------|-------------------------------------|--------------------|----------|
| Temperature: | 26 °C                               | Relative Humidity: | 54%RH    |
| Pressure:    | 101kPa                              | Test Voltage:      | DC 11.4V |
| Test Mode:   | TX Frequency U-NII-3 (5745-5825MHz) |                    |          |

#### Voltage vs. Frequency Stability

| TEST CONDITIONS |    |           |       | Reference Frequency: 5745MHz |      |                      |                      |
|-----------------|----|-----------|-------|------------------------------|------|----------------------|----------------------|
|                 |    |           |       | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| T nom (°C)      | 20 | V nom (V) | 11.40 | 5745.0116                    | 5745 | 0.0116               | 2.0191               |
|                 |    | V max (V) | 13.11 | 5745.0056                    | 5745 | 0.0056               | 0.9748               |
|                 |    | V min (V) | 9.69  | 5745.0095                    | 5745 | 0.0095               | 1.6536               |
| Limits          |    |           |       | 5725-5850 MHz                |      |                      |                      |
| Result          |    |           |       | Complies                     |      |                      |                      |

#### Temperature vs. Frequency Stability

| TEST CONDITIONS |     |        |     | Reference Frequency: 5745MHz |      |                      |                      |
|-----------------|-----|--------|-----|------------------------------|------|----------------------|----------------------|
|                 |     |        |     | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| V nom (V)       | 7.4 | T (°C) | -20 | 5745.0015                    | 5745 | 0.0015               | 0.2611               |
|                 |     | T (°C) | -10 | 5745.0001                    | 5745 | 0.0001               | 0.0174               |
|                 |     | T (°C) | 0   | 5745.0079                    | 5745 | 0.0079               | 1.3751               |
|                 |     | T (°C) | 10  | 5745.0072                    | 5745 | 0.0072               | 1.2533               |
|                 |     | T (°C) | 20  | 5745.0026                    | 5745 | 0.0026               | 0.4526               |
|                 |     | T (°C) | 30  | 5745.0046                    | 5745 | 0.0046               | 0.8007               |
|                 |     | T (°C) | 40  | 5745.0038                    | 5745 | 0.0038               | 0.6614               |
|                 |     | T (°C) | 50  | 5745.0058                    | 5745 | 0.0058               | 1.0096               |
|                 |     | T (°C) | 60  | 5745.0060                    | 5745 | 0.0060               | 1.0444               |
|                 |     | T (°C) | 70  | 5745.0019                    | 5745 | 0.0019               | 0.3307               |
| Limits          |     |        |     | 5725-5850 MHz                |      |                      |                      |
| Result          |     |        |     | Complies                     |      |                      |                      |

## Voltage vs. Frequency Stability

| TEST CONDITIONS |    |           |       | Reference Frequency: 5785MHz |      |                      |                      |
|-----------------|----|-----------|-------|------------------------------|------|----------------------|----------------------|
|                 |    |           |       | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| T nom (°C)      | 20 | V nom (V) | 11.40 | 5785.0115                    | 5785 | 0.0115               | 1.9879               |
|                 |    | V max (V) | 13.11 | 5785.0125                    | 5785 | 0.0125               | 2.1608               |
|                 |    | V min (V) | 9.69  | 5785.0077                    | 5785 | 0.0077               | 1.3310               |
| Limits          |    |           |       | 5725-5850 MHz                |      |                      |                      |
| Result          |    |           |       | Complies                     |      |                      |                      |

## Temperature vs. Frequency Stability

| TEST CONDITIONS |     |        |     | Reference Frequency: 5785MHz |      |                      |                      |
|-----------------|-----|--------|-----|------------------------------|------|----------------------|----------------------|
|                 |     |        |     | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| V nom (V)       | 7.4 | T (°C) | -20 | 5785.0001                    | 5785 | 0.0001               | 0.0173               |
|                 |     | T (°C) | -10 | 5785.0115                    | 5785 | 0.0115               | 1.9879               |
|                 |     | T (°C) | 0   | 5785.0067                    | 5785 | 0.0067               | 1.1582               |
|                 |     | T (°C) | 10  | 5785.0073                    | 5785 | 0.0073               | 1.2619               |
|                 |     | T (°C) | 20  | 5785.0018                    | 5785 | 0.0018               | 0.3111               |
|                 |     | T (°C) | 30  | 5785.0019                    | 5785 | 0.0019               | 0.3284               |
|                 |     | T (°C) | 40  | 5785.0109                    | 5785 | 0.0109               | 1.8842               |
|                 |     | T (°C) | 50  | 5785.0021                    | 5785 | 0.0021               | 0.3630               |
|                 |     | T (°C) | 60  | 5785.0118                    | 5785 | 0.0118               | 2.0398               |
|                 |     | T (°C) | 70  | 5785.0035                    | 5785 | 0.0035               | 0.6050               |
| Limits          |     |        |     | 5725-5850 MHz                |      |                      |                      |
| Result          |     |        |     | Complies                     |      |                      |                      |

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## Voltage vs. Frequency Stability

| TEST CONDITIONS |    |           |       | Reference Frequency: 5825MHz |      |                      |                      |
|-----------------|----|-----------|-------|------------------------------|------|----------------------|----------------------|
|                 |    |           |       | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| T nom (°C)      | 20 | V nom (V) | 11.40 | 5825.0132                    | 5825 | 0.0132               | 2.2661               |
|                 |    | V max (V) | 13.11 | 5825.0057                    | 5825 | 0.0057               | 0.9785               |
|                 |    | V min (V) | 9.69  | 5825.0046                    | 5825 | 0.0046               | 0.7897               |
| Limits          |    |           |       | 5725-5850 MHz                |      |                      |                      |
| Result          |    |           |       | Complies                     |      |                      |                      |

## Temperature vs. Frequency Stability

| TEST CONDITIONS |   |        |     | Reference Frequency: 5825MHz |      |                      |                      |
|-----------------|---|--------|-----|------------------------------|------|----------------------|----------------------|
|                 |   |        |     | f                            | fc   | Max. Deviation (MHz) | Max. Deviation (ppm) |
| V nom (V)       | 5 | T (°C) | -20 | 5825.0099                    | 5825 | 0.0099               | 1.6996               |
|                 |   | T (°C) | -10 | 5825.0069                    | 5825 | 0.0069               | 1.1845               |
|                 |   | T (°C) | 0   | 5825.0087                    | 5825 | 0.0087               | 1.4936               |
|                 |   | T (°C) | 10  | 5825.0091                    | 5825 | 0.0091               | 1.5622               |
|                 |   | T (°C) | 20  | 5825.0106                    | 5825 | 0.0106               | 1.8197               |
|                 |   | T (°C) | 30  | 5825.0027                    | 5825 | 0.0027               | 0.4635               |
|                 |   | T (°C) | 40  | 5825.0071                    | 5825 | 0.0071               | 1.2189               |
|                 |   | T (°C) | 50  | 5825.0028                    | 5825 | 0.0028               | 0.4807               |
|                 |   | T (°C) | 60  | 5825.0055                    | 5825 | 0.0055               | 0.9442               |
|                 |   | T (°C) | 70  | 5825.0081                    | 5825 | 0.0081               | 1.3906               |
| Limits          |   |        |     | 5725-5850 MHz                |      |                      |                      |
| Result          |   |        |     | Complies                     |      |                      |                      |

## 14. Duty Cycle Of Test Signal

### 14.1 Standard Requirement

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

### 14.2 Formula

Duty Cycle =  $T_{on} / (T_{on} + T_{off})$

### 14.3 Test Procedure

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

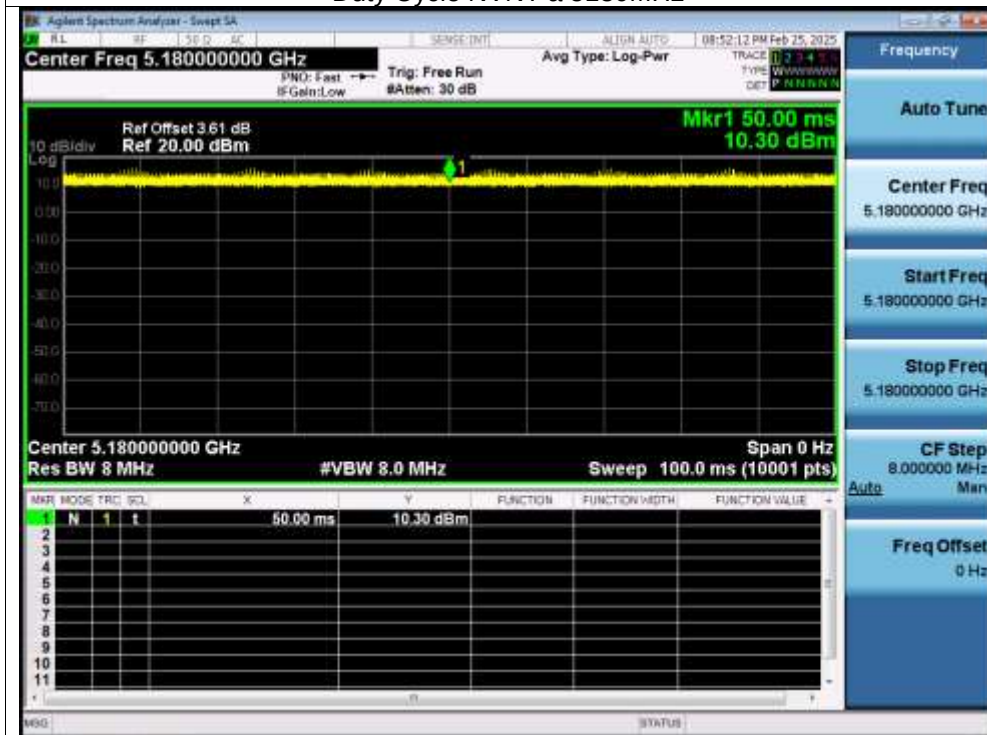
### 14.4 Test Result

ANT A

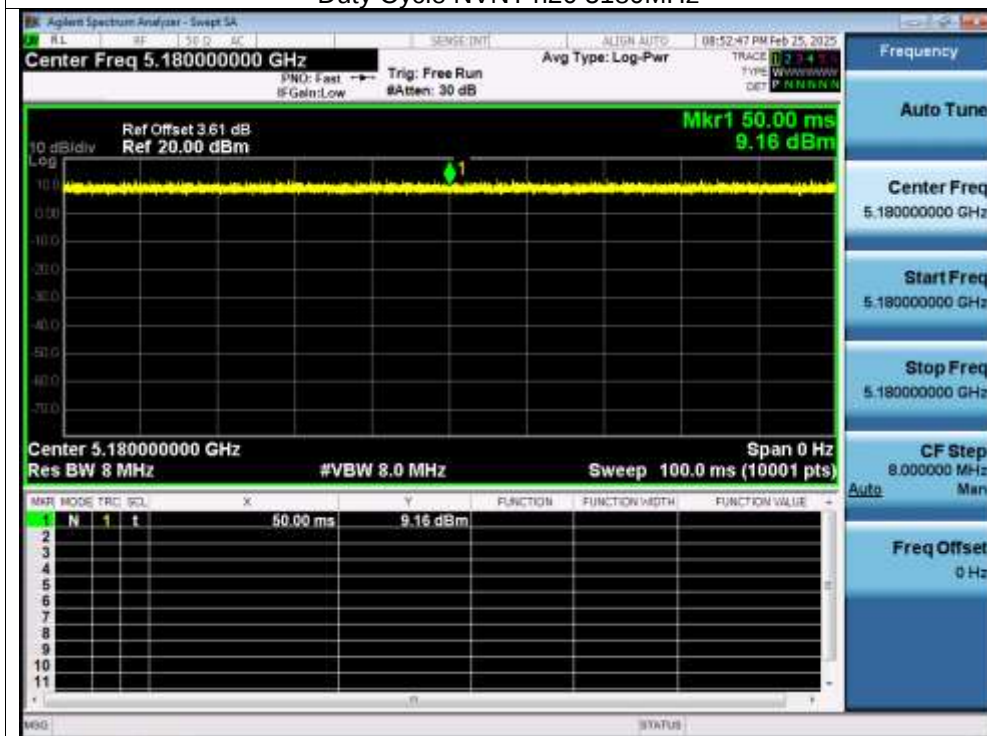
| Condition | Mode | Frequency (MHz) | Duty Cycle (%) | Duty Fator(dB) |
|-----------|------|-----------------|----------------|----------------|
| NVNT      | a    | 5180            | 100            | 0              |
| NVNT      | n20  | 5180            | 100            | 0              |
| NVNT      | n40  | 5190            | 100            | 0              |
| NVNT      | ac20 | 5180            | 100            | 0              |
| NVNT      | ac40 | 5190            | 100            | 0              |
| NVNT      | ac80 | 5210            | 100            | 0              |
| NVNT      | ax20 | 5180            | 100            | 0              |
| NVNT      | ax40 | 5190            | 100            | 0              |
| NVNT      | ax80 | 5210            | 100            | 0              |

### Test Graphs

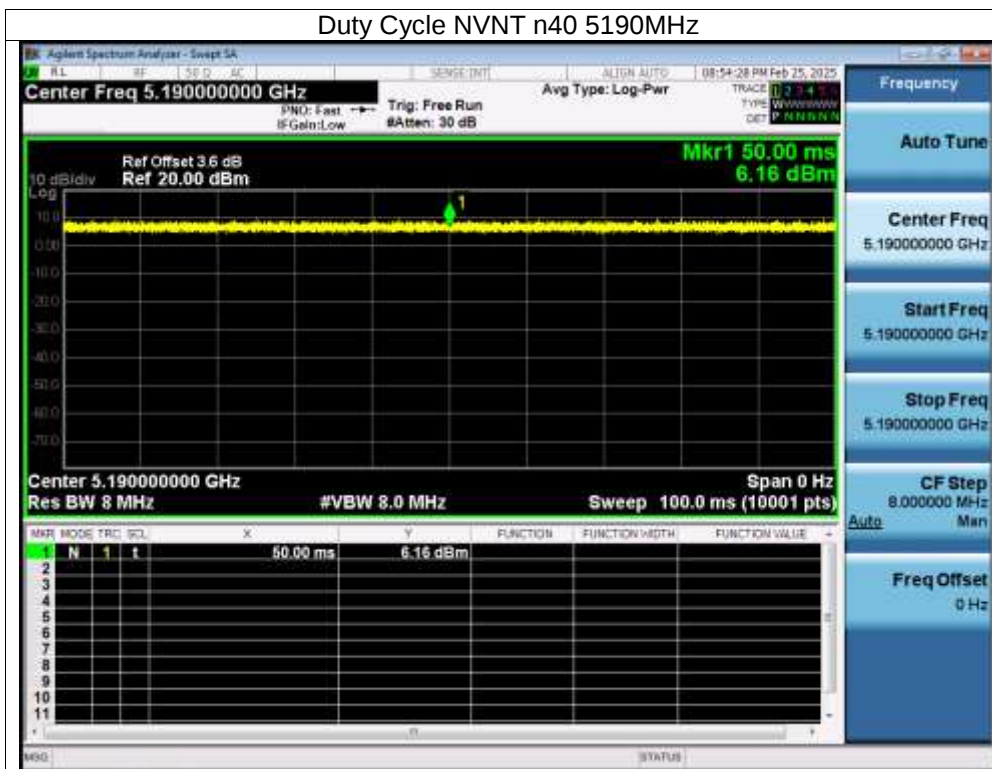
#### Duty Cycle NVNT a 5180MHz



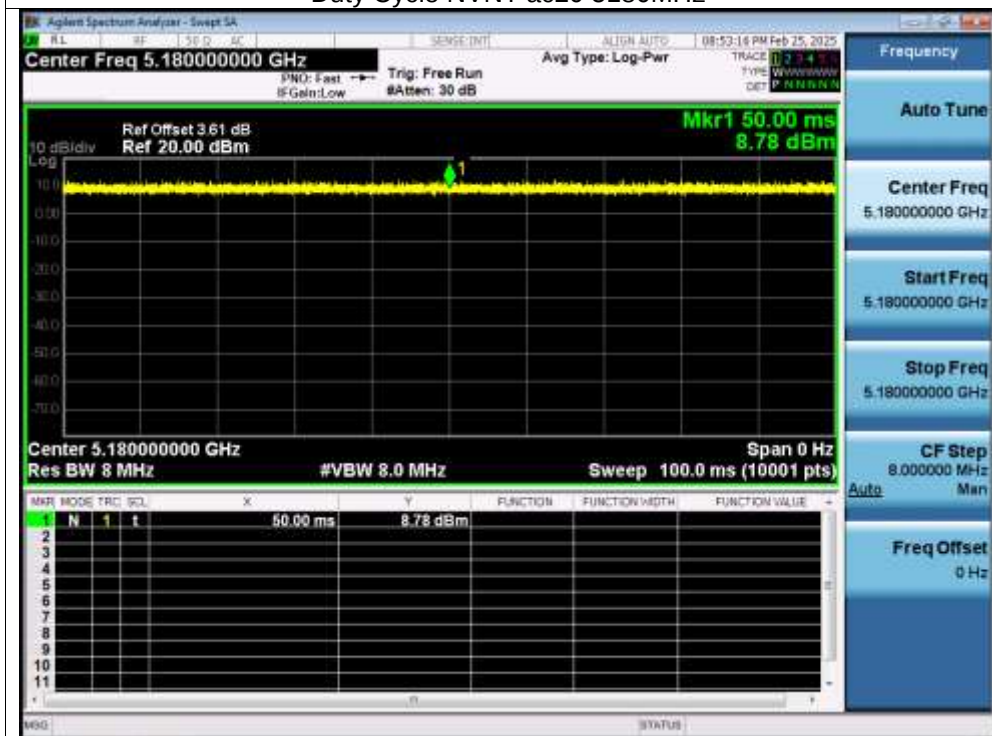
#### Duty Cycle NVNT n20 5180MHz



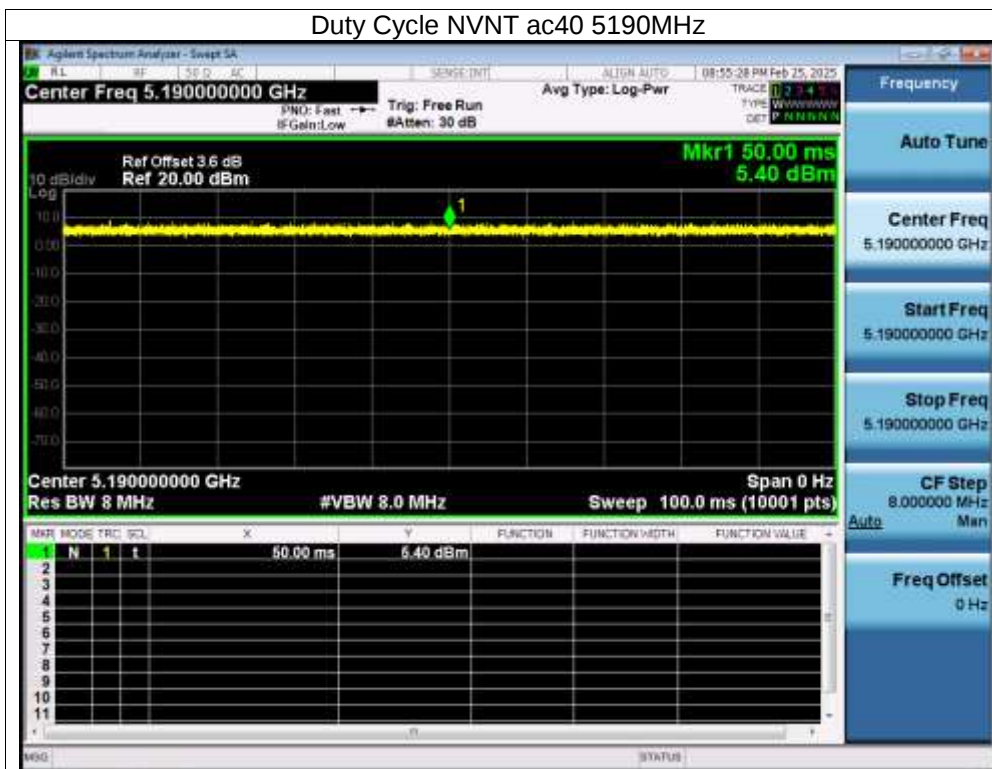
Duty Cycle NVNT n40 5190MHz



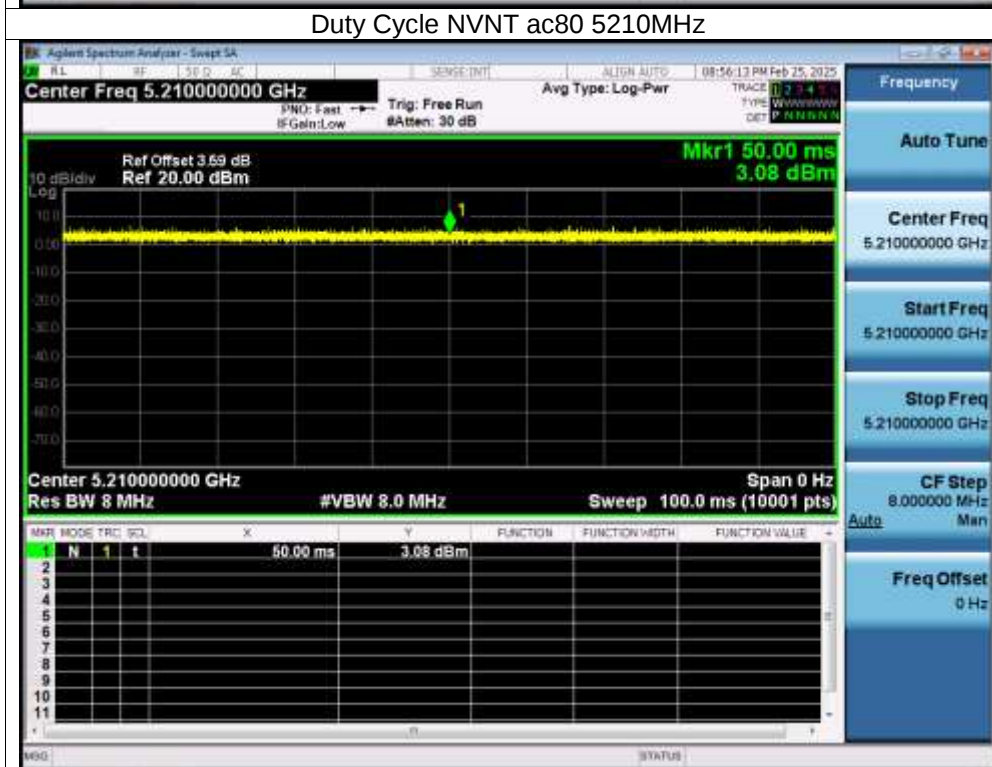
Duty Cycle NVNT ac20 5180MHz



Duty Cycle NVNT ac40 5190MHz



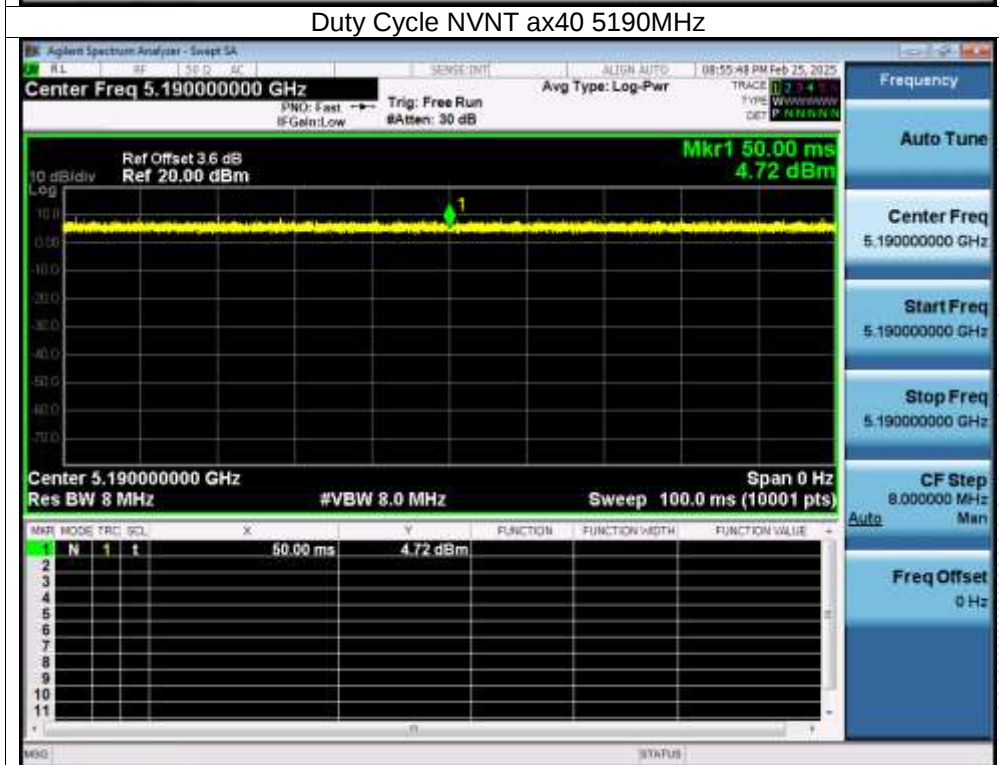
Duty Cycle NVNT ac80 5210MHz

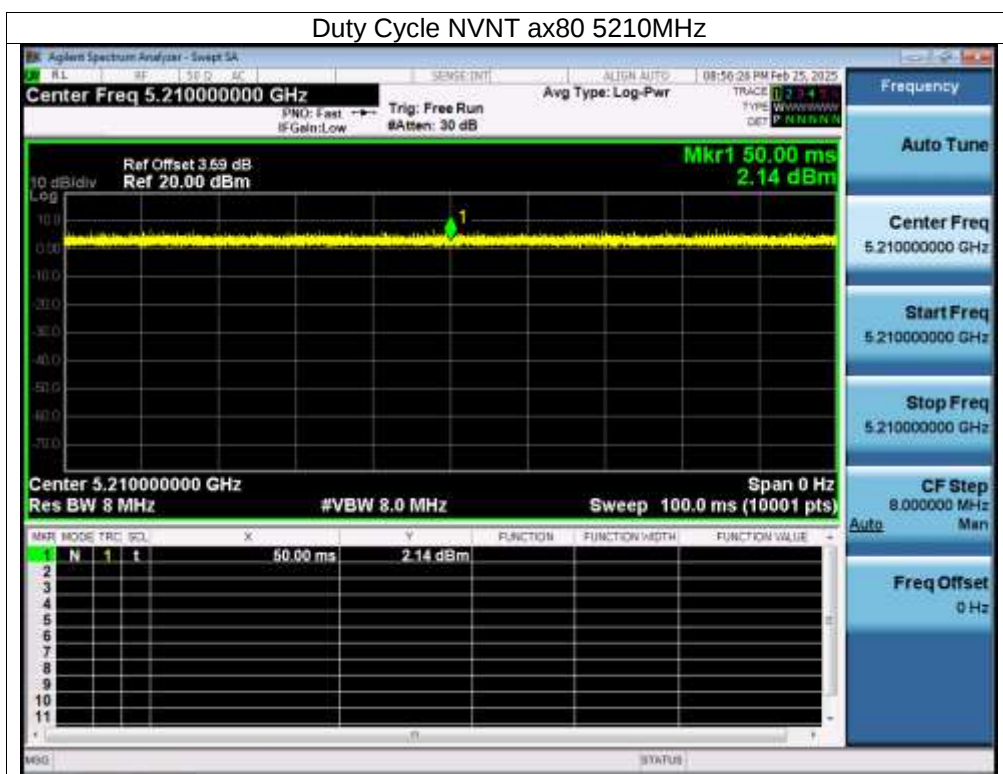


Duty Cycle NVNT ax20 5180MHz



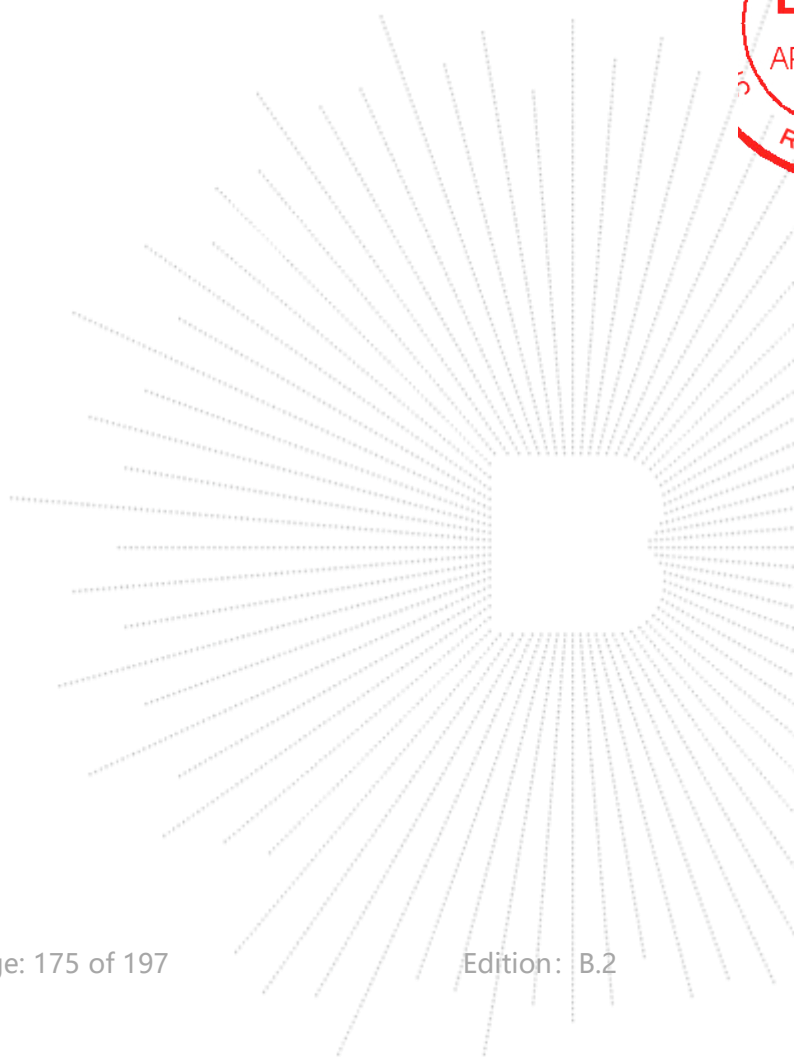
Duty Cycle NVNT ax40 5190MHz





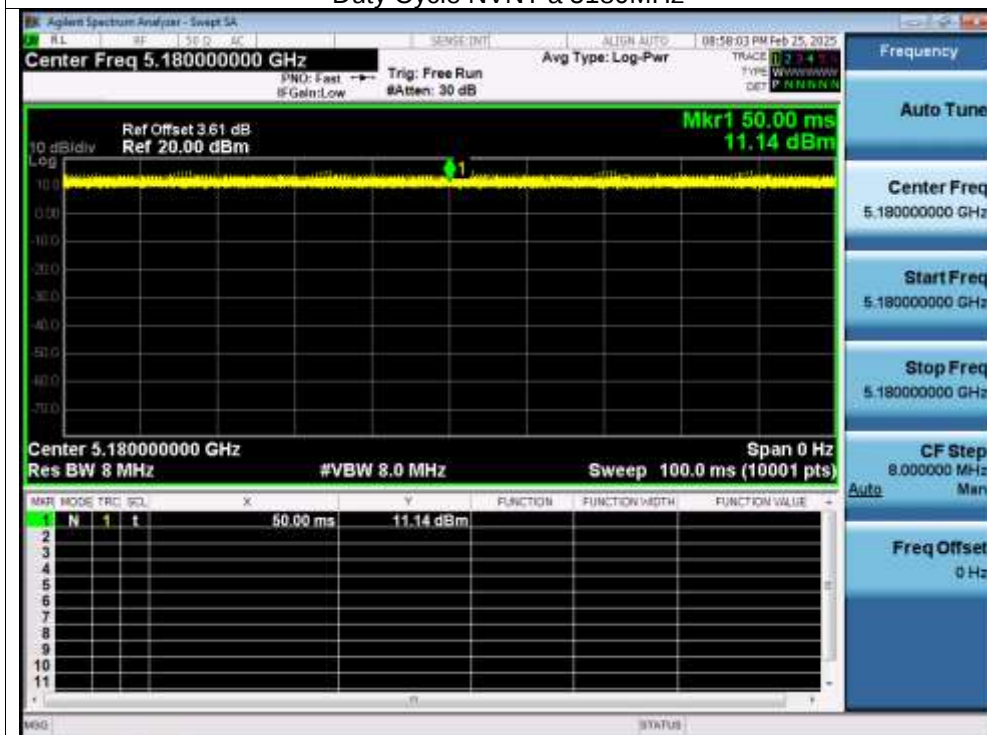
ANT B

| Condition | Mode | Frequency (MHz) | Duty Cycle (%) | Duty Fator(dB) |
|-----------|------|-----------------|----------------|----------------|
| NVNT      | a    | 5180            | 100            | 0              |
| NVNT      | n20  | 5180            | 100            | 0              |
| NVNT      | n40  | 5190            | 100            | 0              |
| NVNT      | ac20 | 5180            | 100            | 0              |
| NVNT      | ac40 | 5190            | 100            | 0              |
| NVNT      | ac80 | 5210            | 100            | 0              |
| NVNT      | ax20 | 5180            | 100            | 0              |
| NVNT      | ax40 | 5190            | 100            | 0              |
| NVNT      | ax80 | 5210            | 100            | 0              |

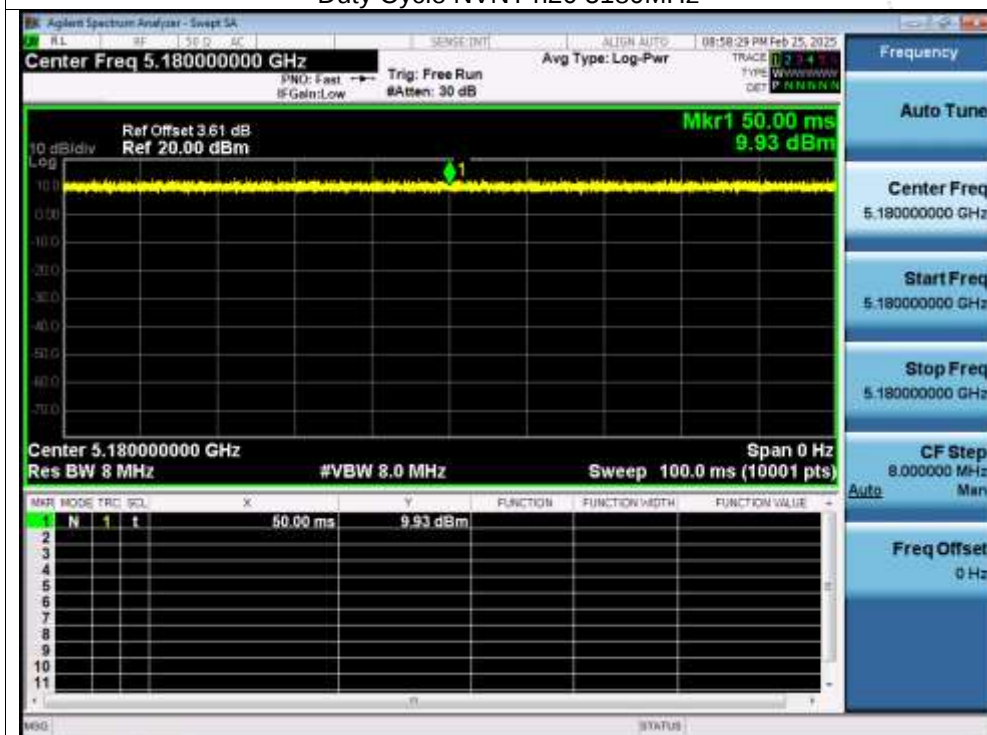


### Test Graphs

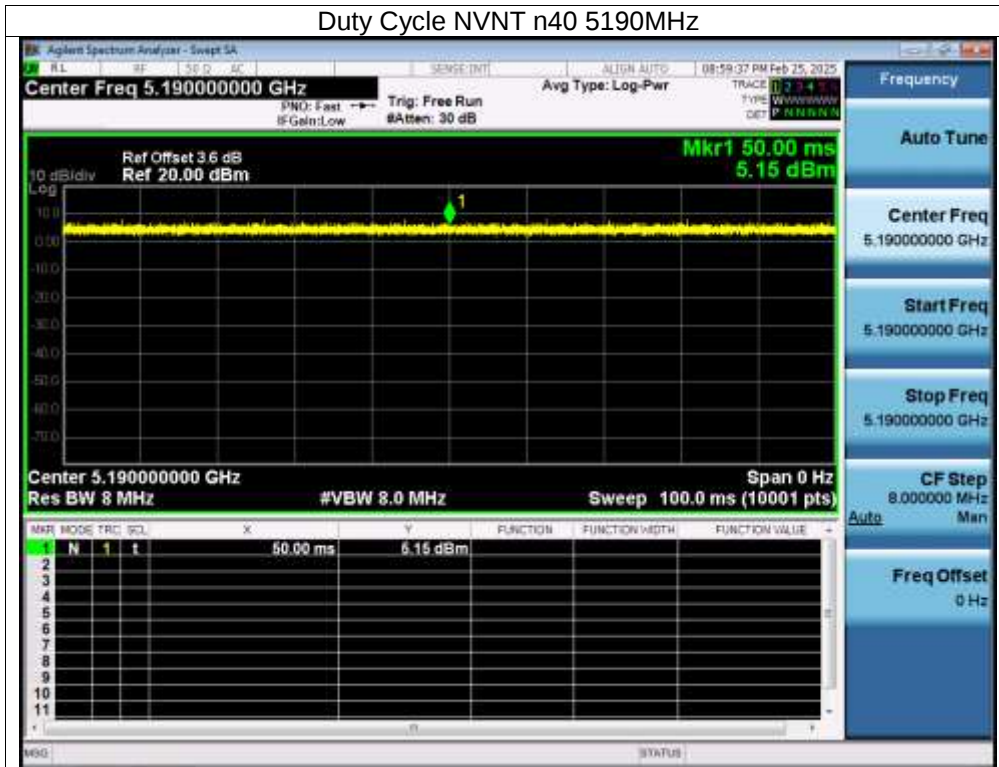
#### Duty Cycle NVNT a 5180MHz



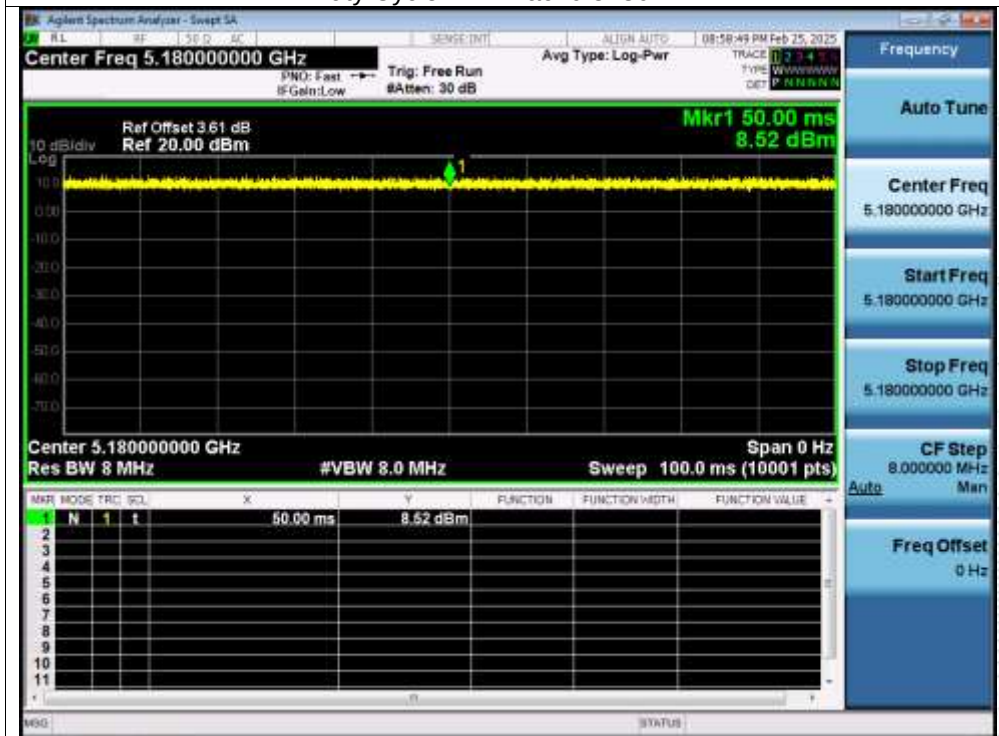
#### Duty Cycle NVNT n20 5180MHz



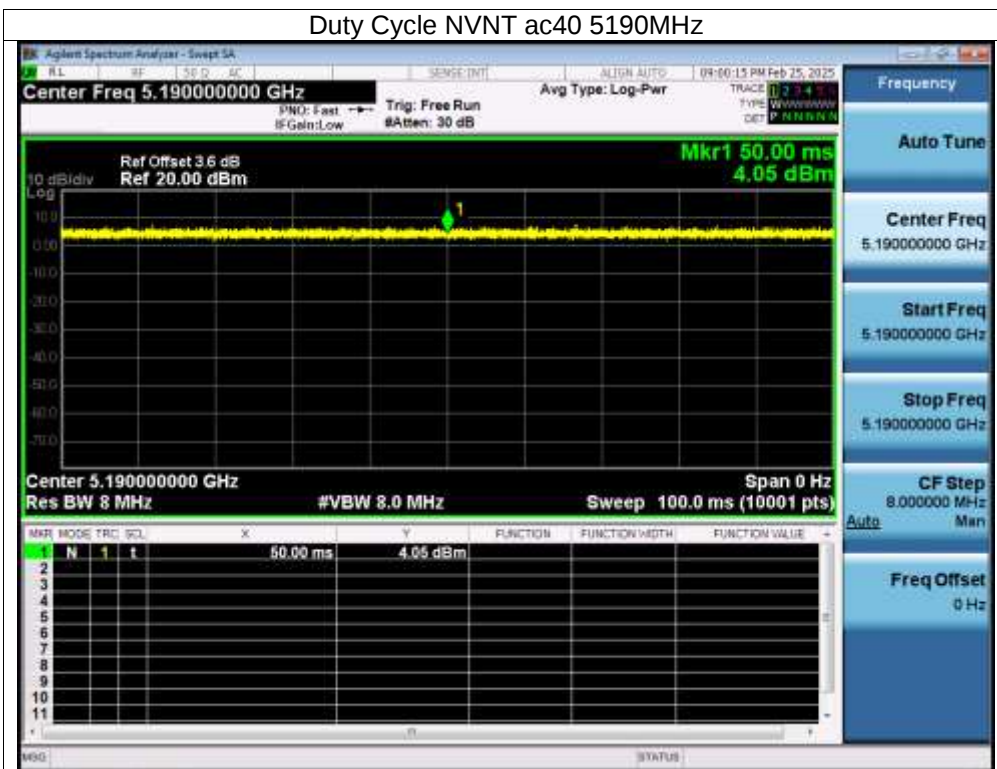
Duty Cycle NVNT n40 5190MHz



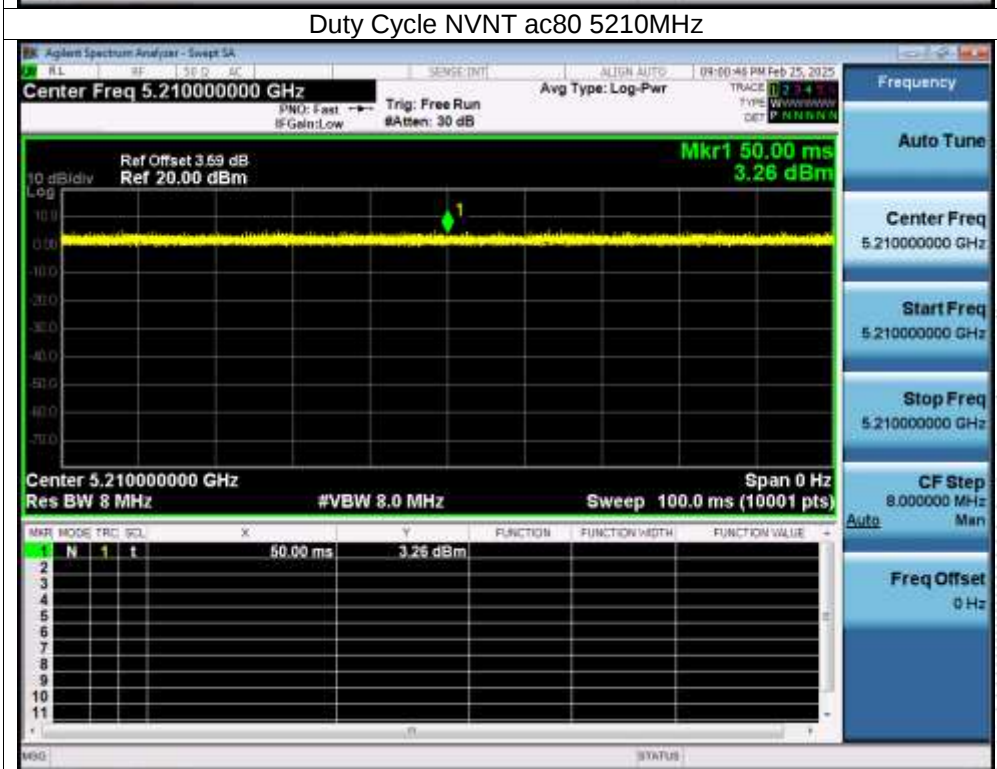
Duty Cycle NVNT ac20 5180MHz



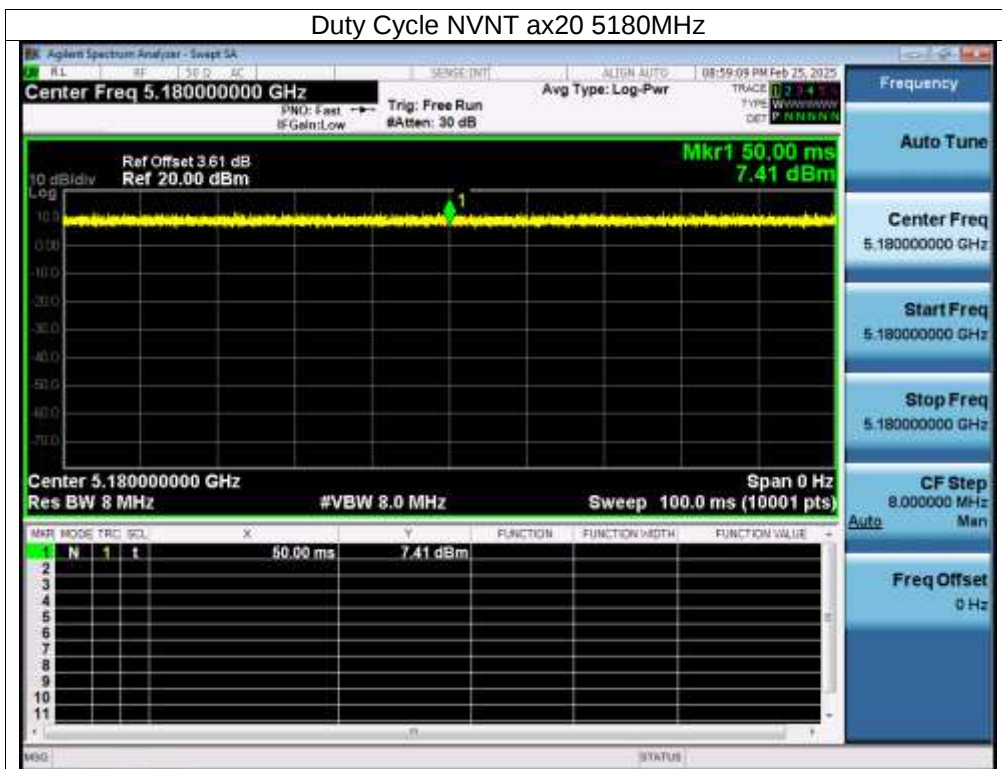
Duty Cycle NVNT ac40 5190MHz



Duty Cycle NVNT ac80 5210MHz

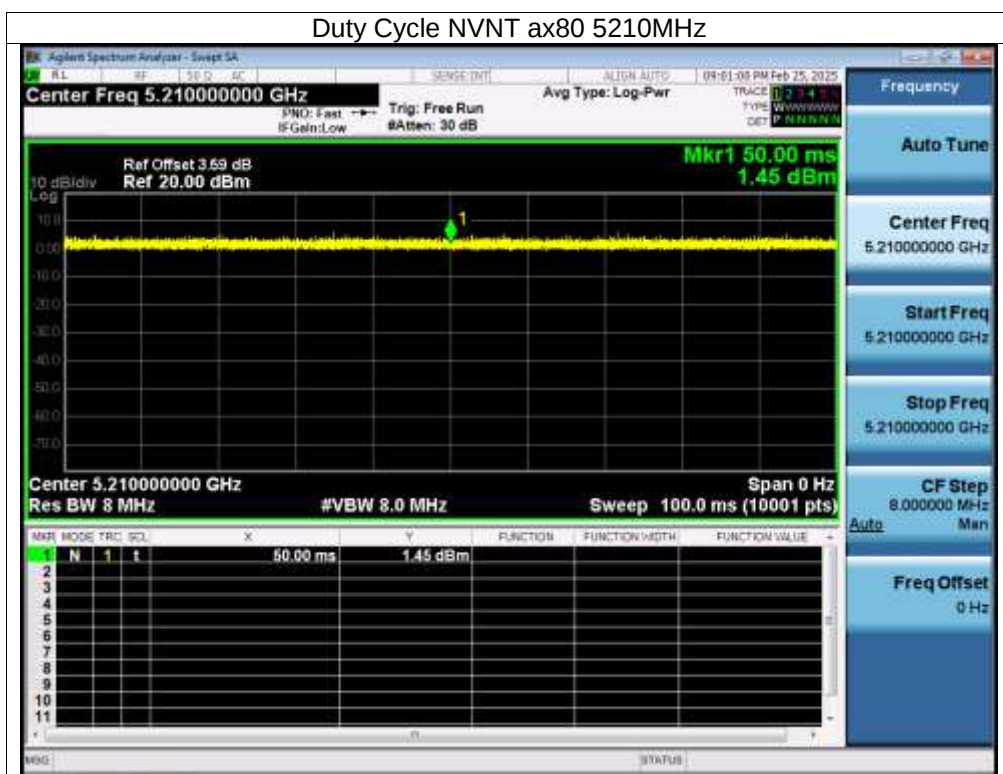


Duty Cycle NVNT ax20 5180MHz



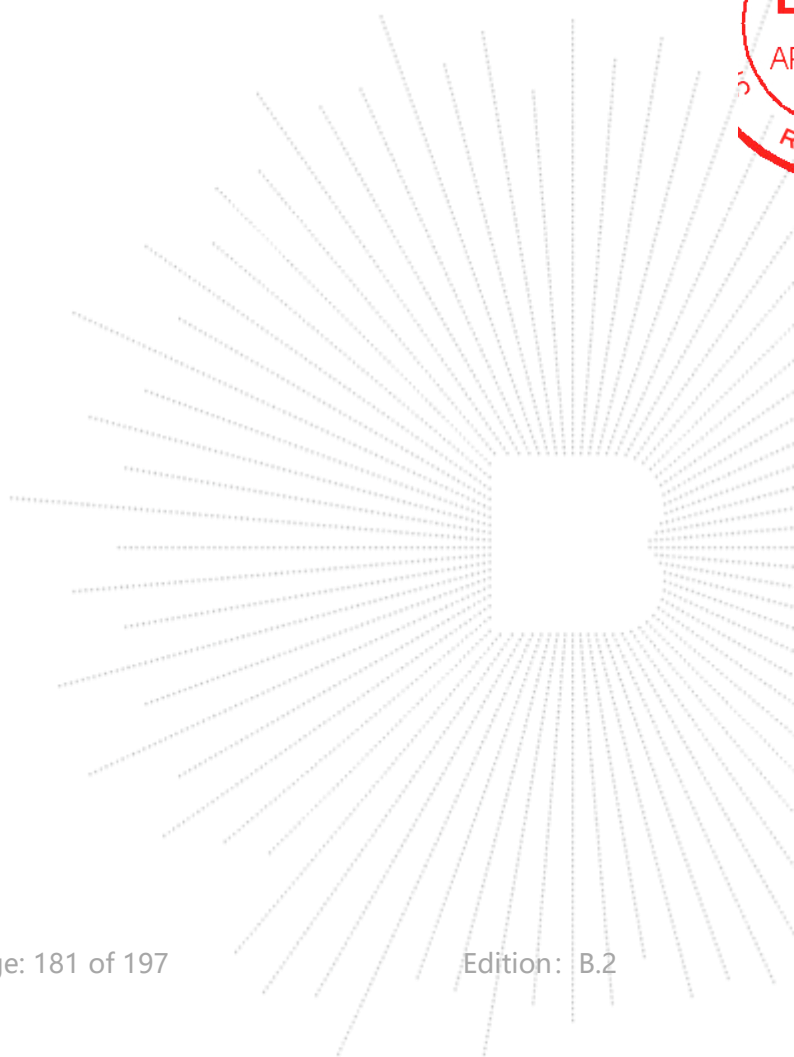
Duty Cycle NVNT ax40 5190MHz





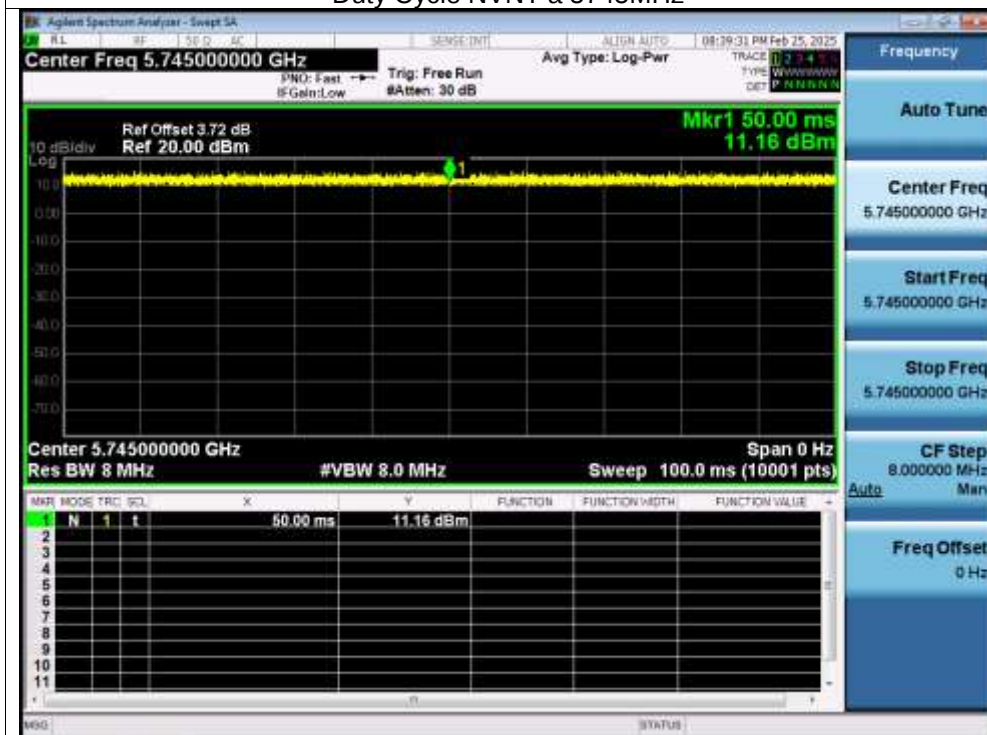
ANT A

| Condition | Mode | Frequency (MHz) | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|----------------|------------------------|
| NVNT      | a    | 5745            | 100            | 0                      |
| NVNT      | n20  | 5745            | 100            | 0                      |
| NVNT      | n40  | 5755            | 100            | 0                      |
| NVNT      | ac20 | 5745            | 100            | 0                      |
| NVNT      | ac40 | 5755            | 100            | 0                      |
| NVNT      | ac80 | 5775            | 100            | 0                      |
| NVNT      | ax20 | 5745            | 100            | 0                      |
| NVNT      | ax40 | 5755            | 100            | 0                      |
| NVNT      | ax80 | 5775            | 100            | 0                      |

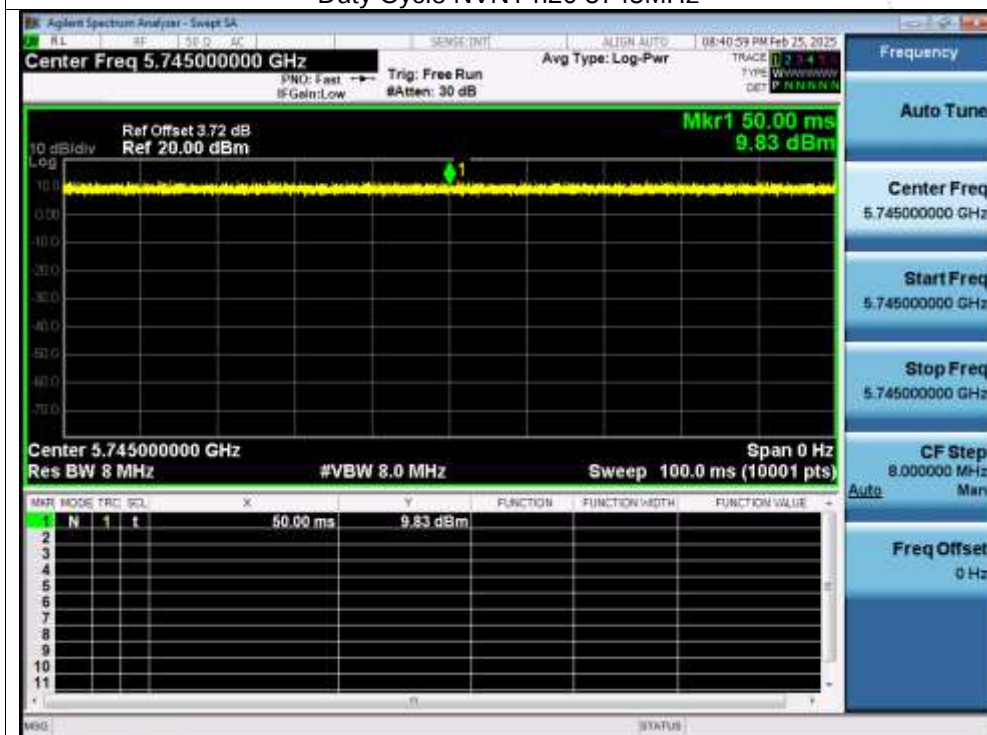


### Test Graphs

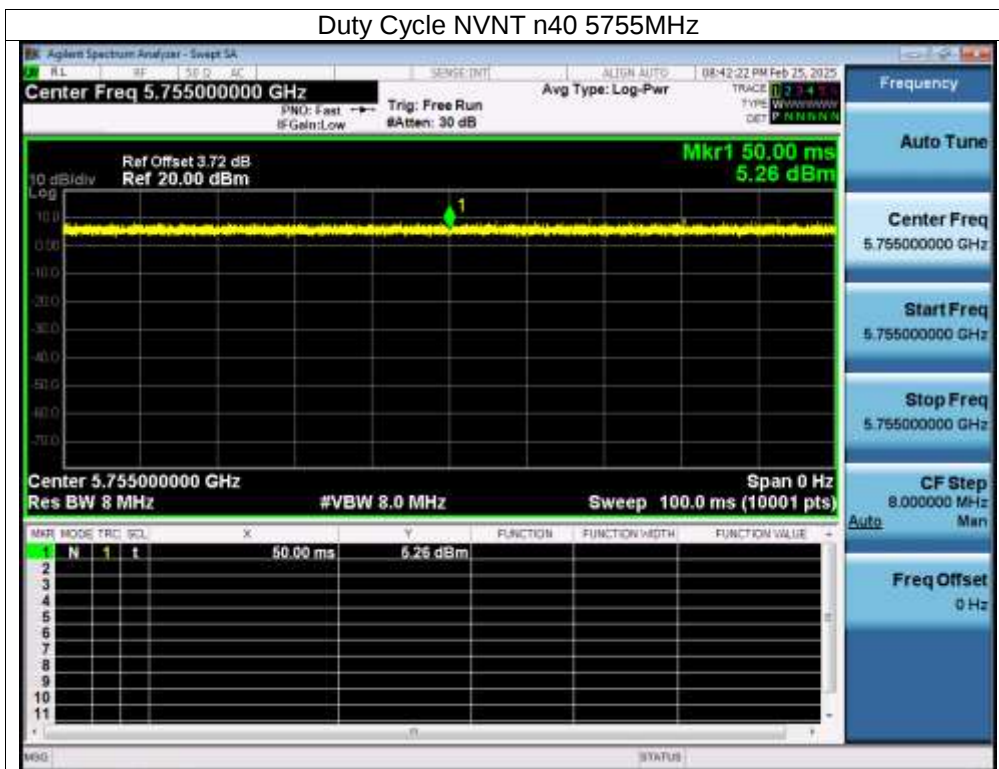
#### Duty Cycle NVNT a 5745MHz



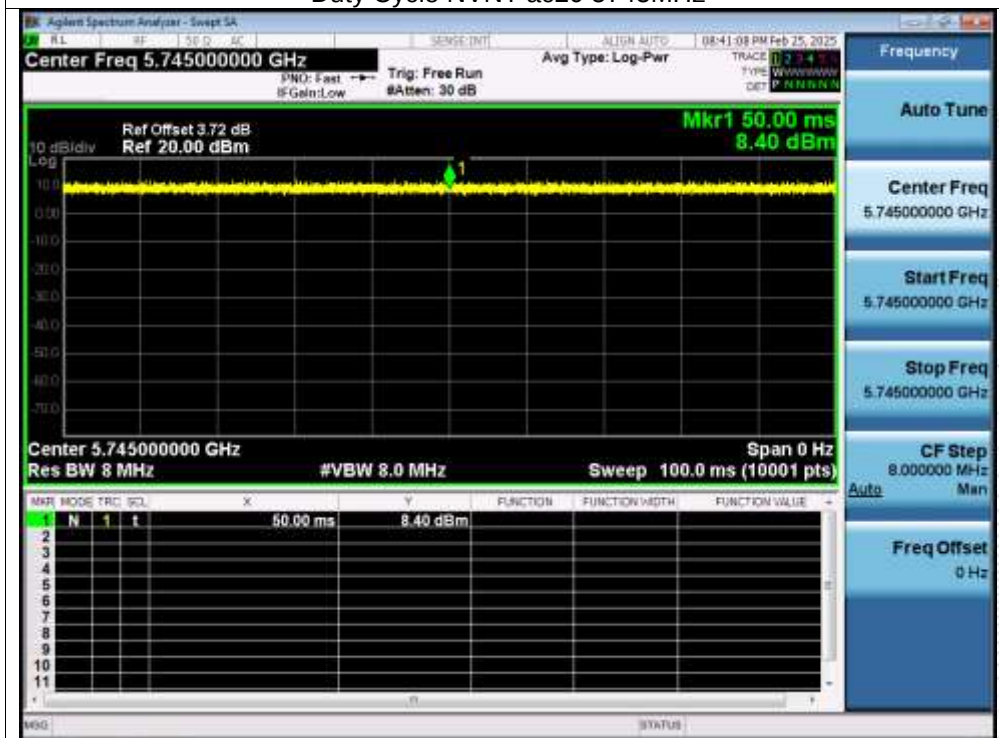
#### Duty Cycle NVNT n20 5745MHz



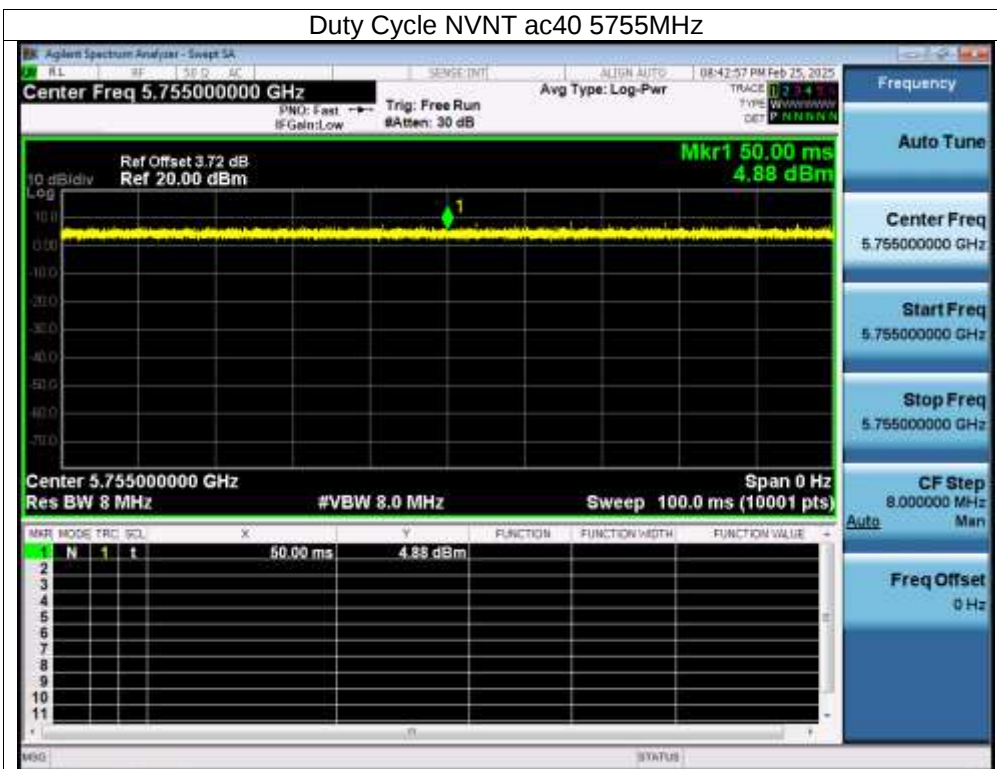
Duty Cycle NVNT n40 5755MHz



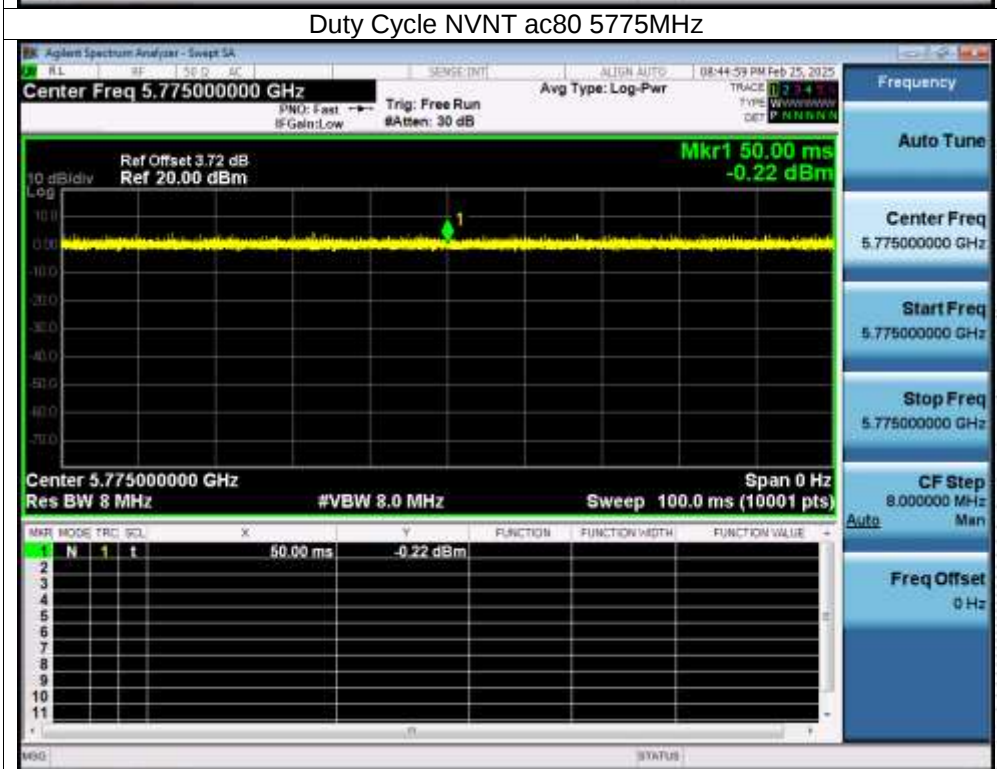
Duty Cycle NVNT ac20 5745MHz



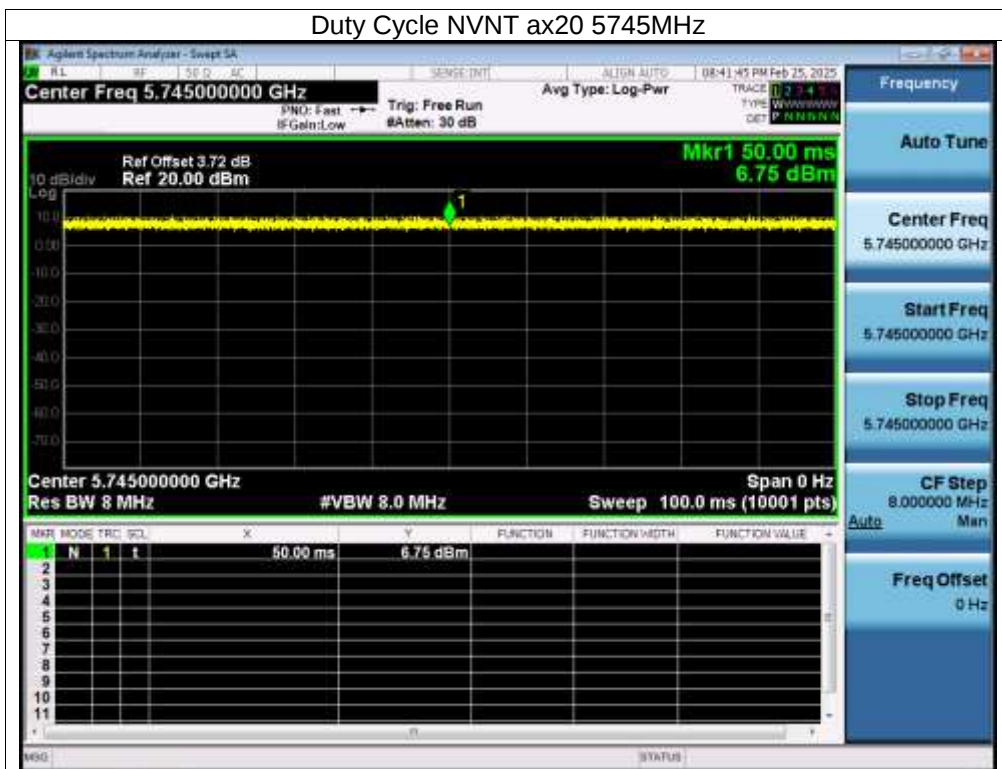
Duty Cycle NVNT ac40 5755MHz



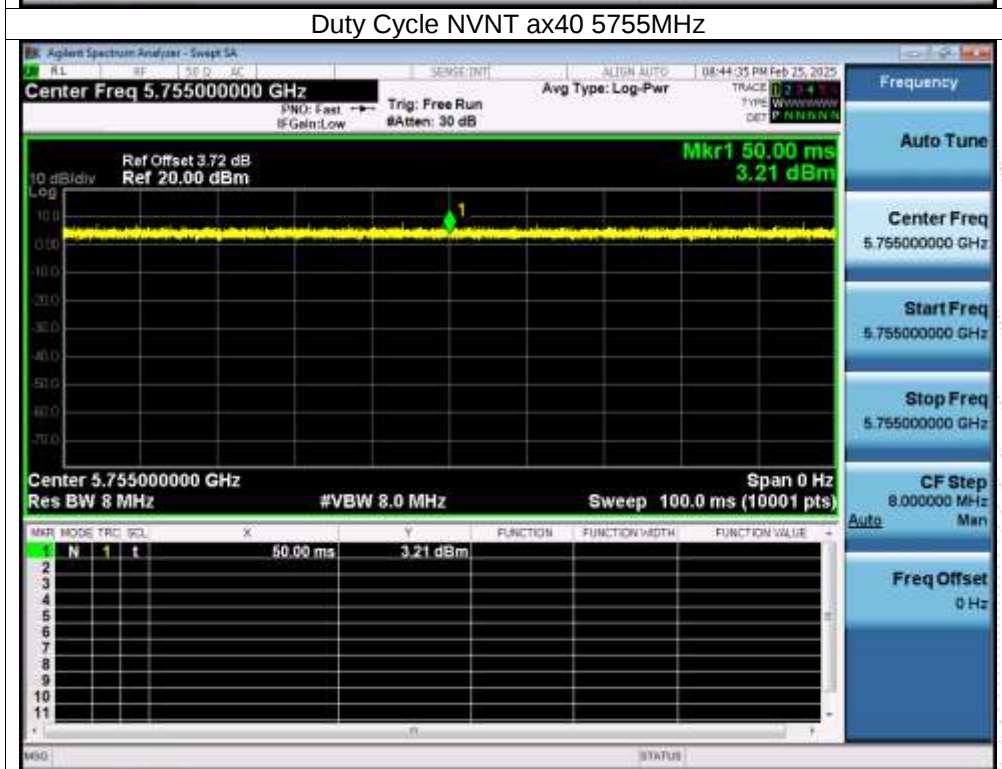
Duty Cycle NVNT ac80 5775MHz

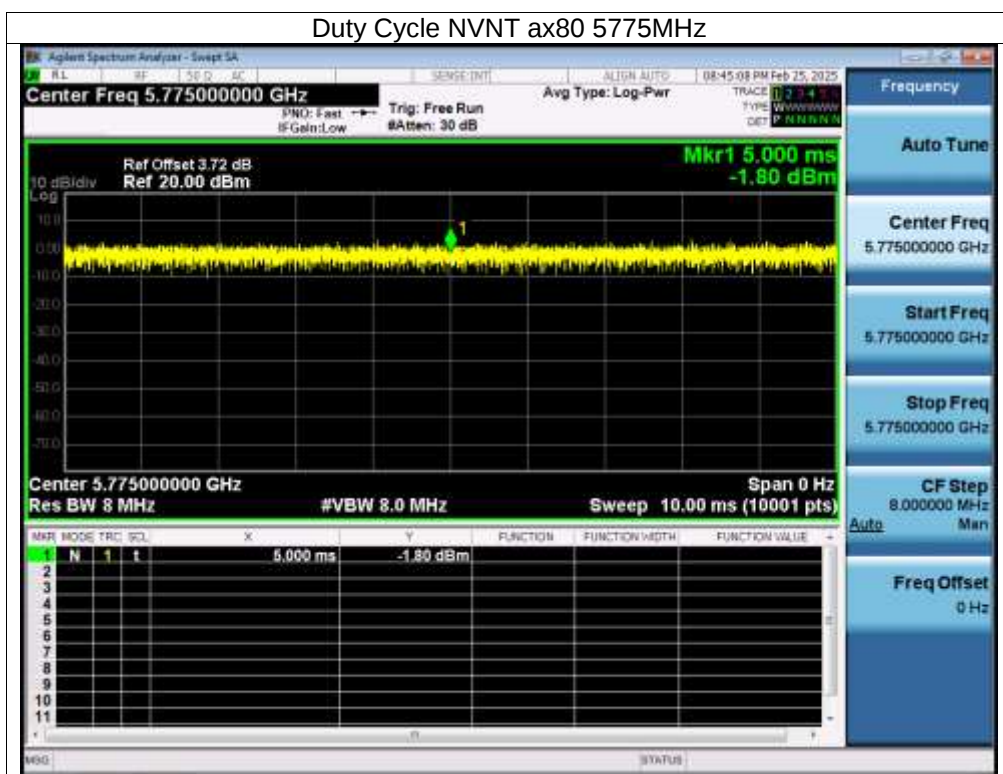


Duty Cycle NVNT ax20 5745MHz



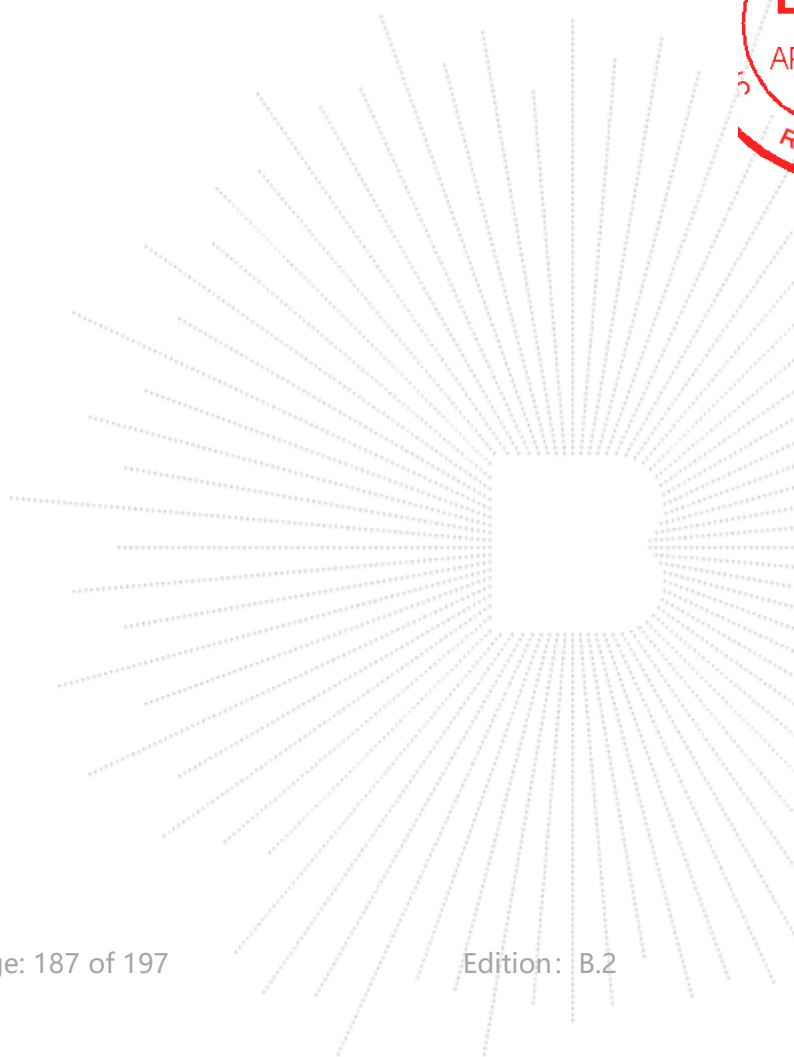
Duty Cycle NVNT ax40 5755MHz





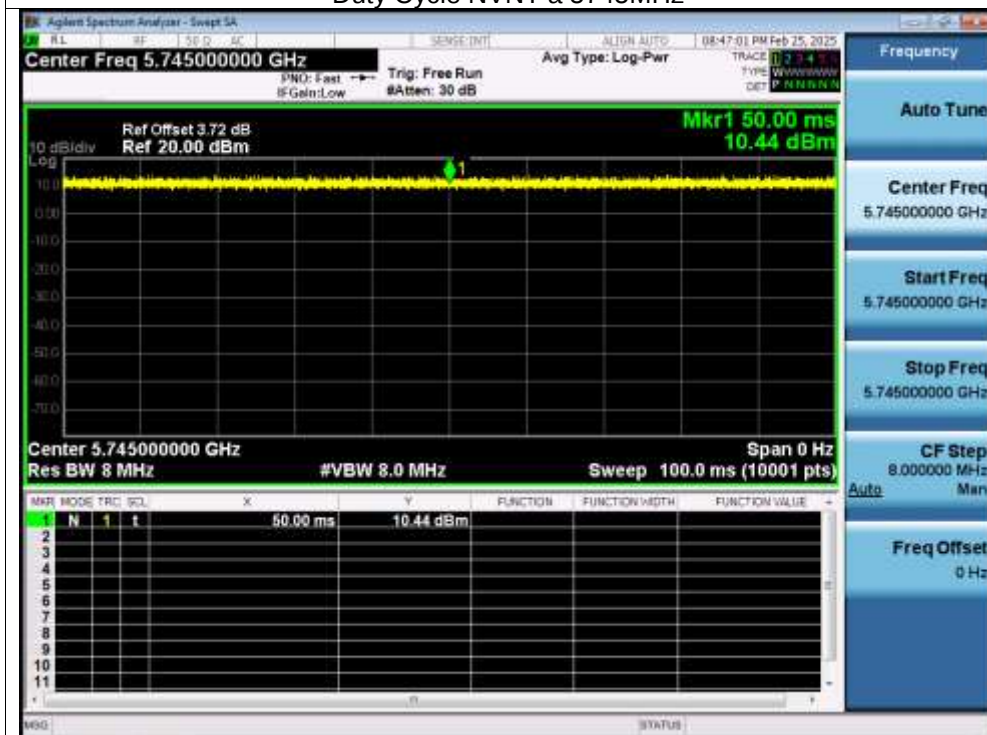
ANT B

| Condition | Mode | Frequency (MHz) | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|----------------|------------------------|
| NVNT      | a    | 5745            | 100            | 0                      |
| NVNT      | n20  | 5745            | 100            | 0                      |
| NVNT      | n40  | 5755            | 100            | 0                      |
| NVNT      | ac20 | 5745            | 100            | 0                      |
| NVNT      | ac40 | 5755            | 100            | 0                      |
| NVNT      | ac80 | 5775            | 100            | 0                      |
| NVNT      | ax20 | 5745            | 100            | 0                      |
| NVNT      | ax40 | 5755            | 100            | 0                      |
| NVNT      | ax80 | 5775            | 100            | 0                      |

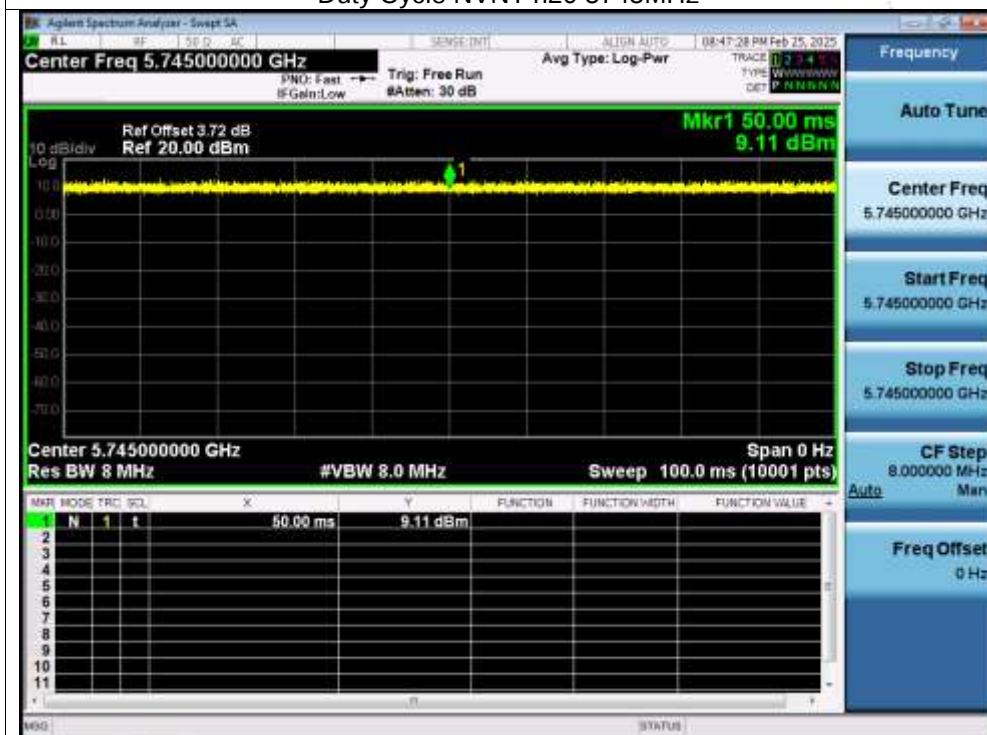


### Test Graphs

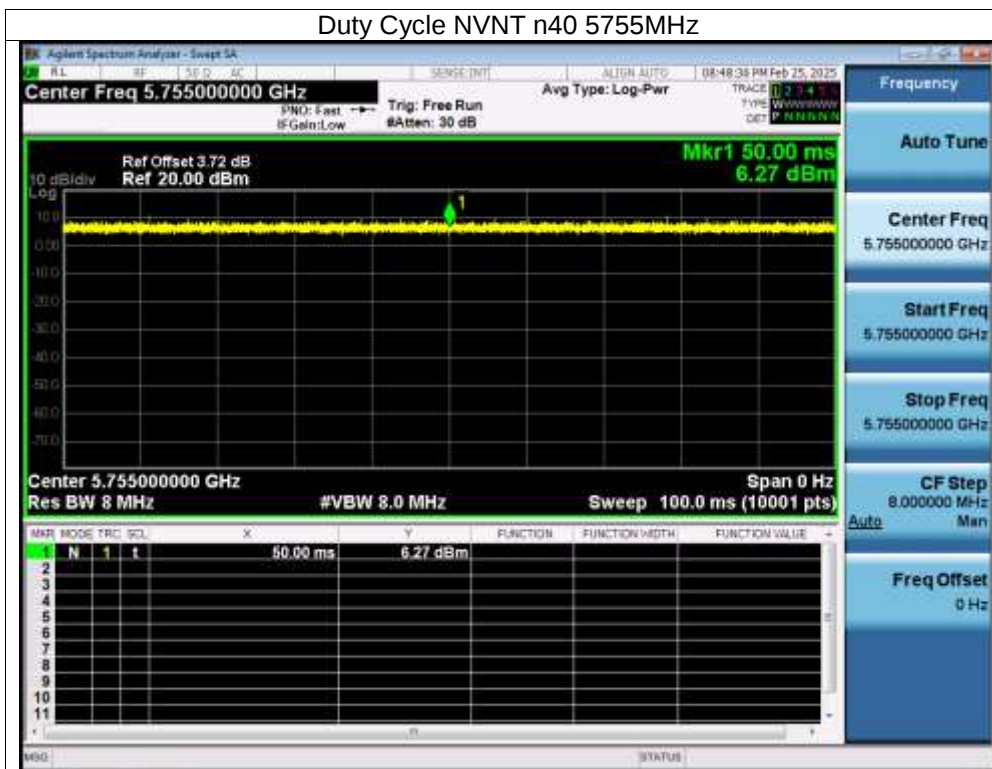
#### Duty Cycle NVNT a 5745MHz



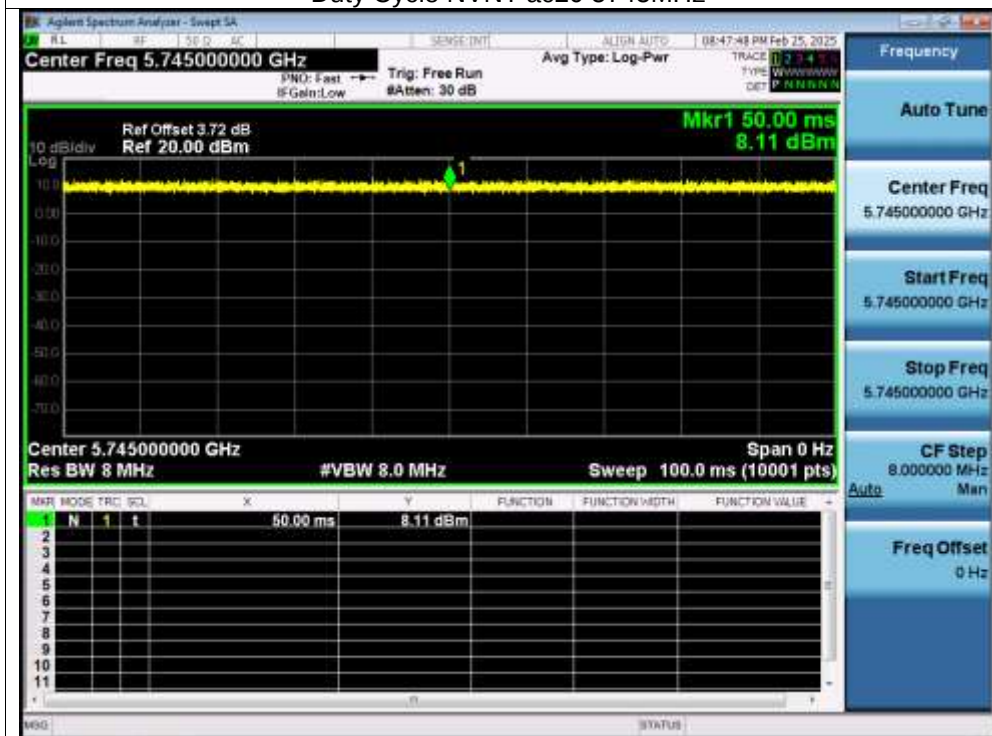
#### Duty Cycle NVNT n20 5745MHz



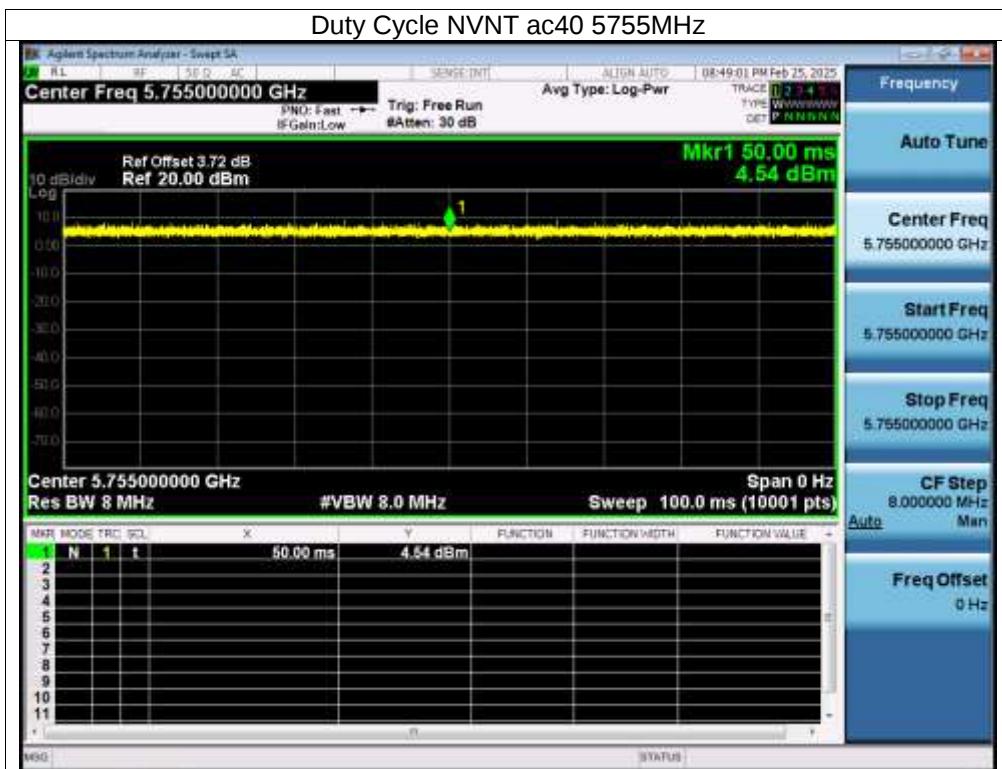
Duty Cycle NVNT n40 5755MHz



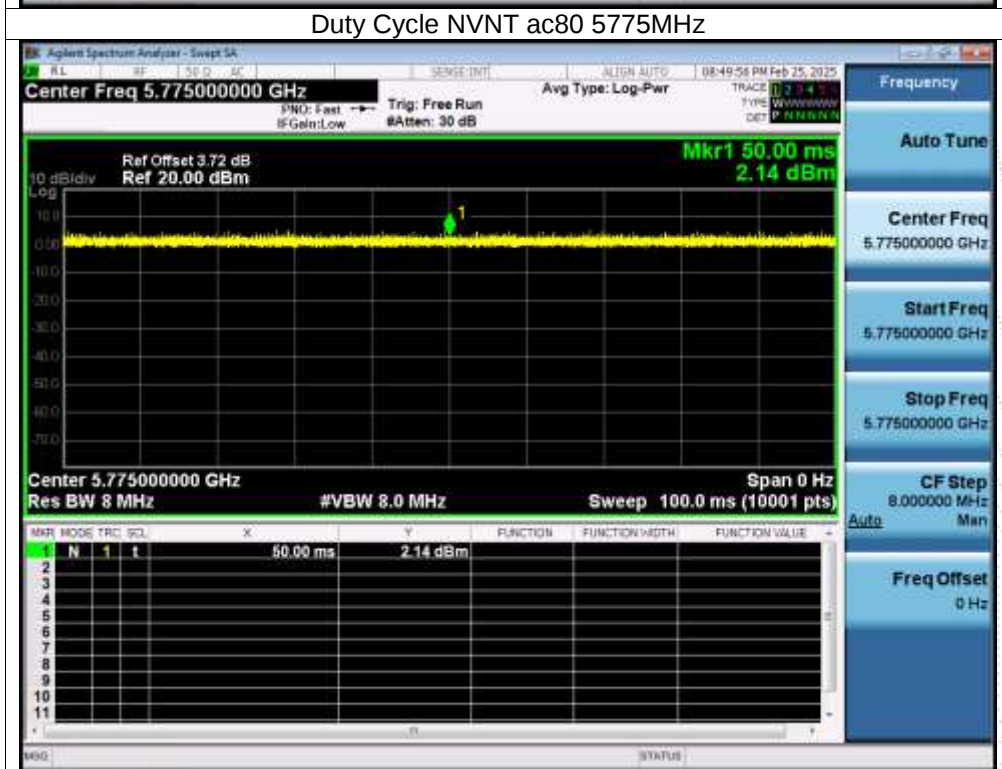
Duty Cycle NVNT ac20 5745MHz



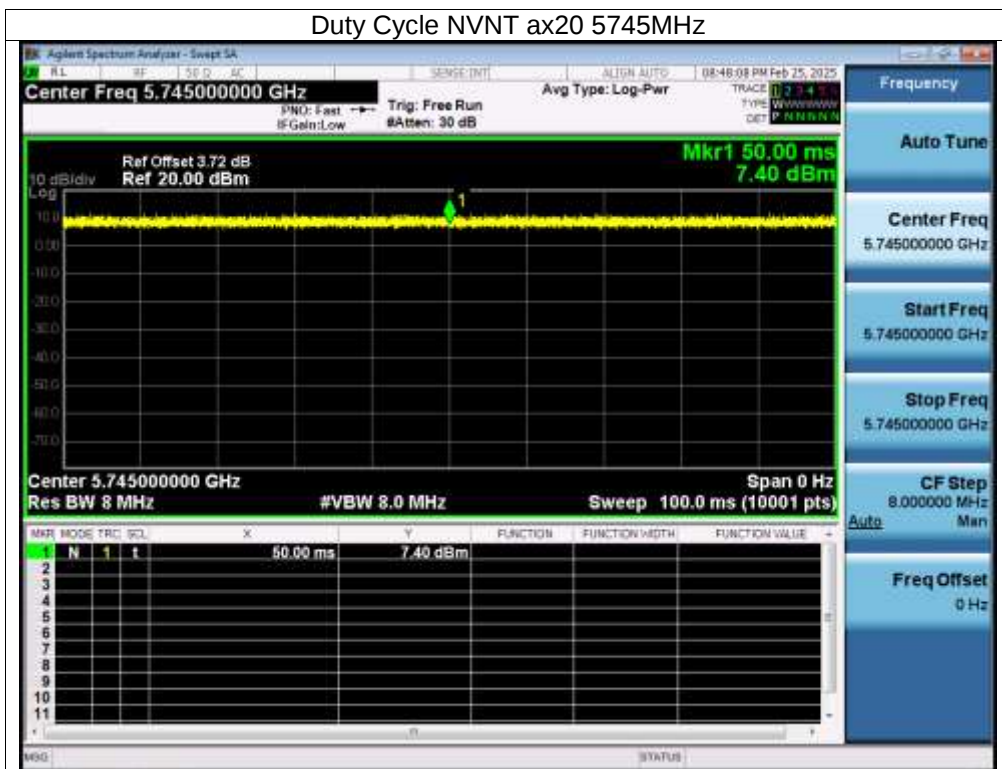
Duty Cycle NVNT ac40 5755MHz



Duty Cycle NVNT ac80 5775MHz

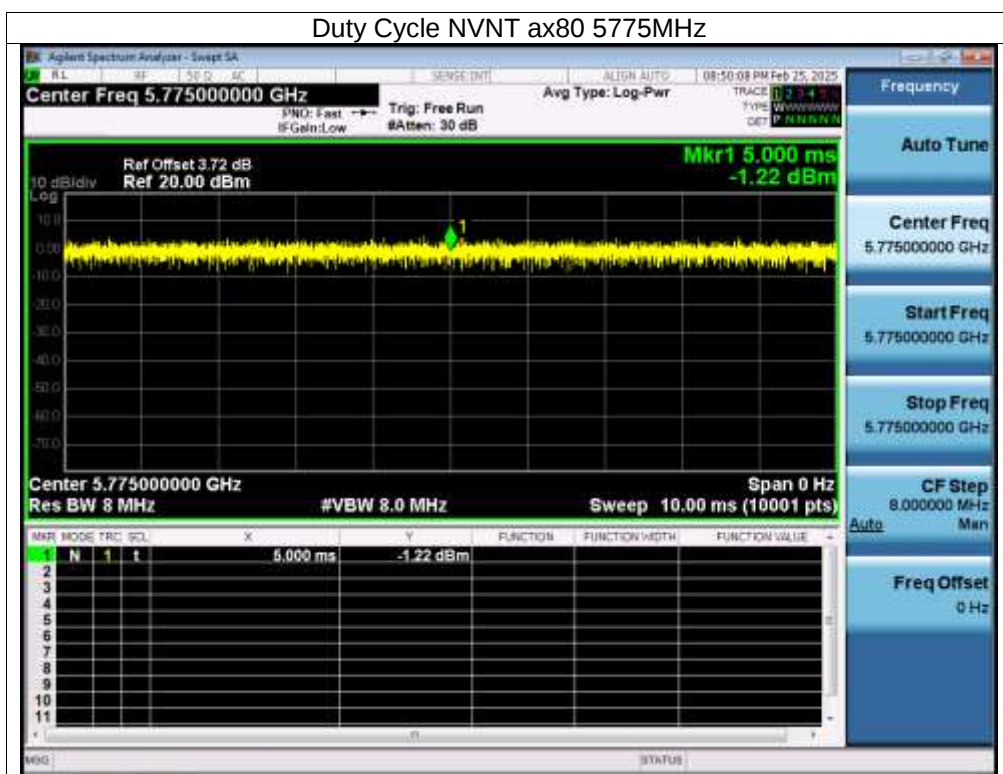


Duty Cycle NVNT ax20 5745MHz



Duty Cycle NVNT ax40 5755MHz





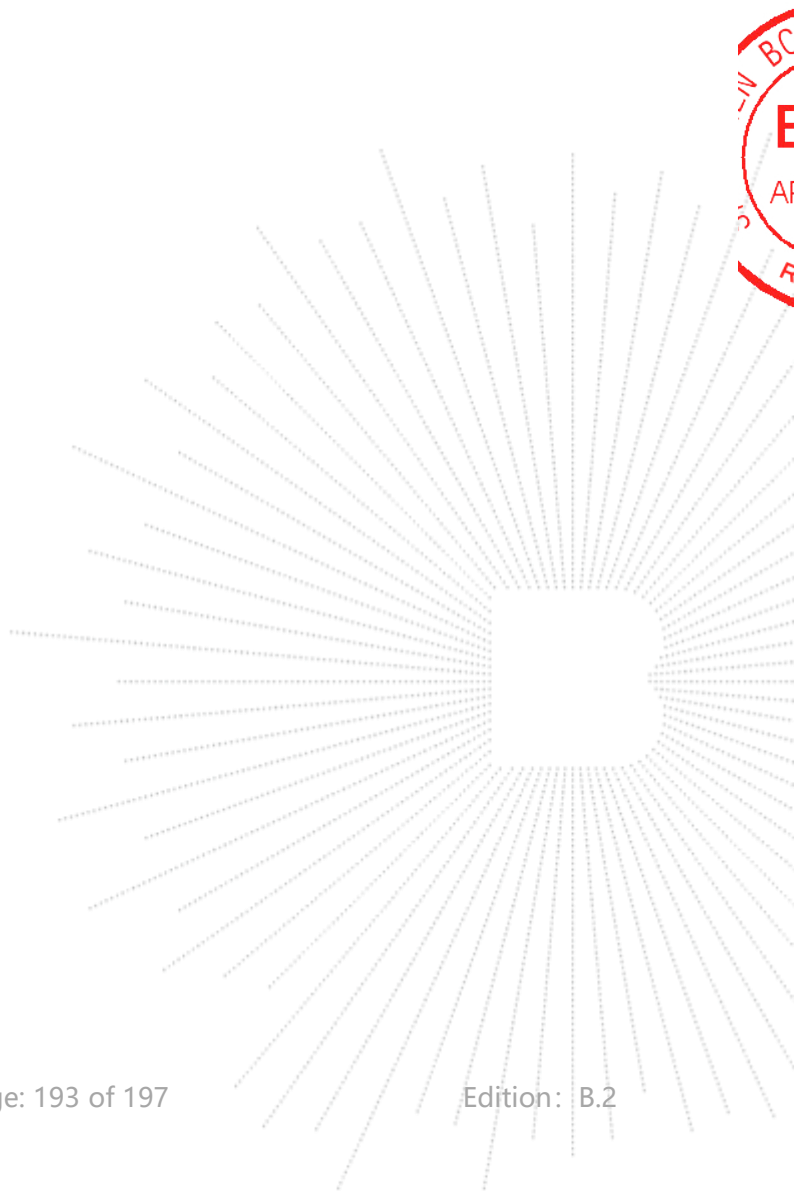
## 15. Antenna Requirement

### 15.1 Limit

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

### 15.2 Test Result

The EUT antenna is Internal antenna. It comply with the standard requirement.



## 16. EUT Photographs

EUT Photo



NOTE: Appendix-Photographs Of EUT Constructional Details.

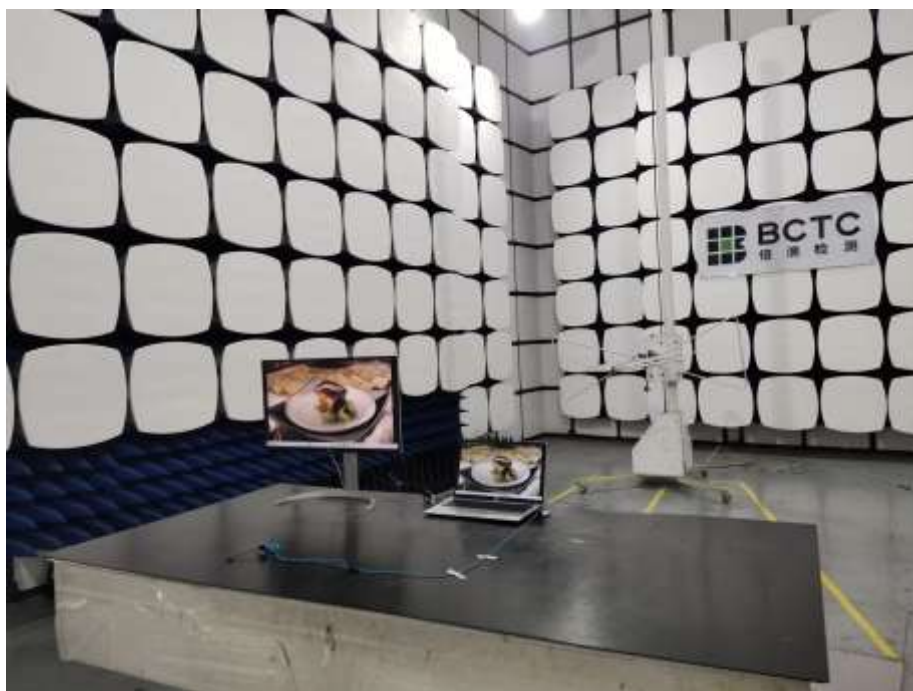
## 17. EUT Test Setup Photographs

Conducted emissions



TEST  
TO  
OVER  
t Sea

## Radiated Measurement Photos



**STATEMENT**

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

**Address:**

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\*\*\*\*\* END \*\*\*\*\*