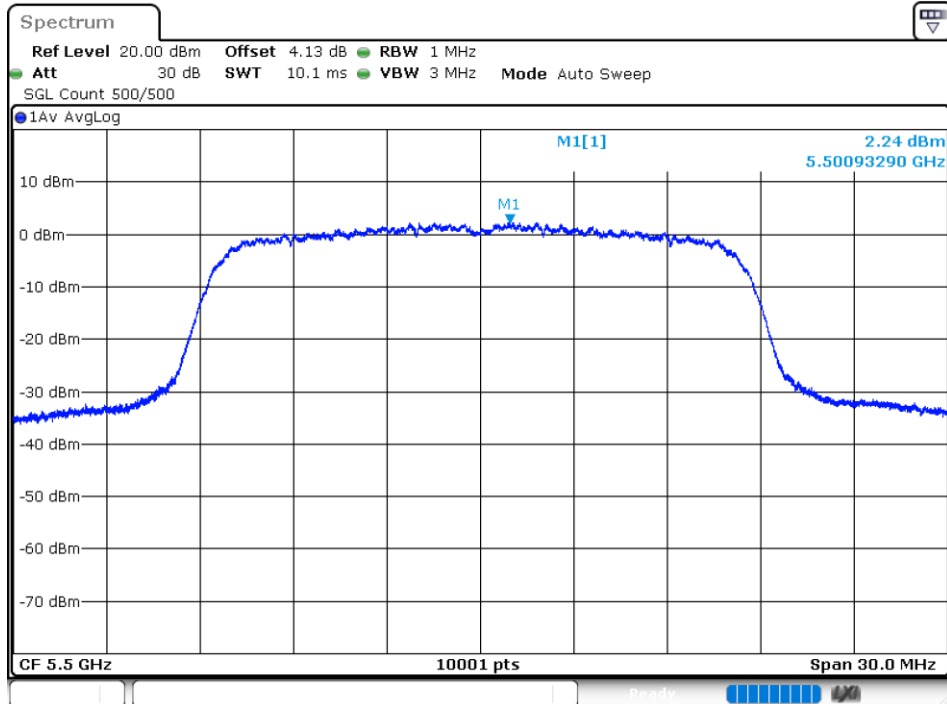
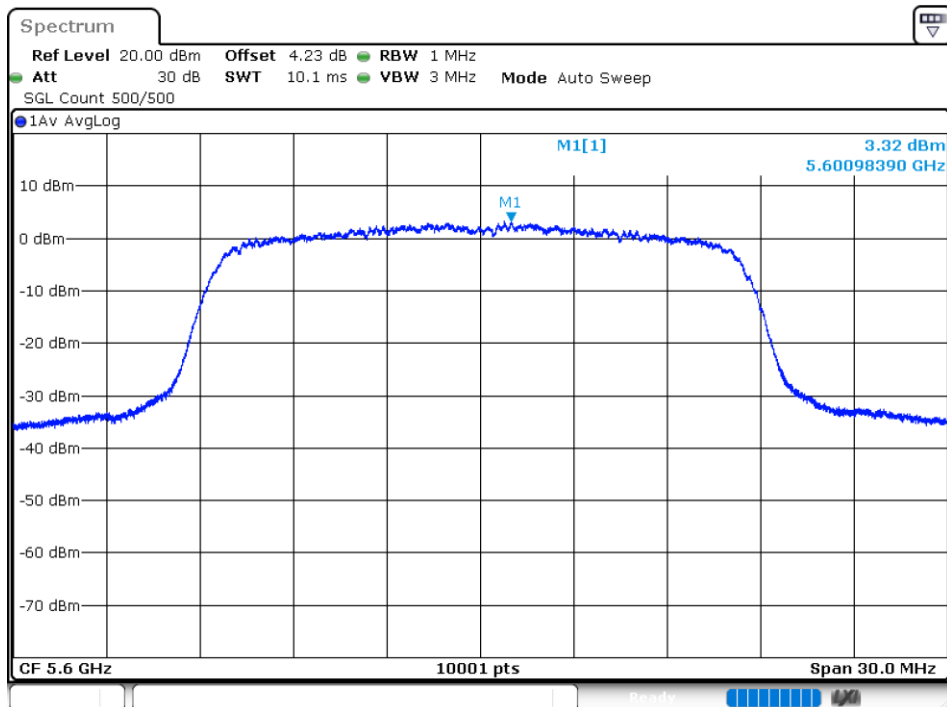


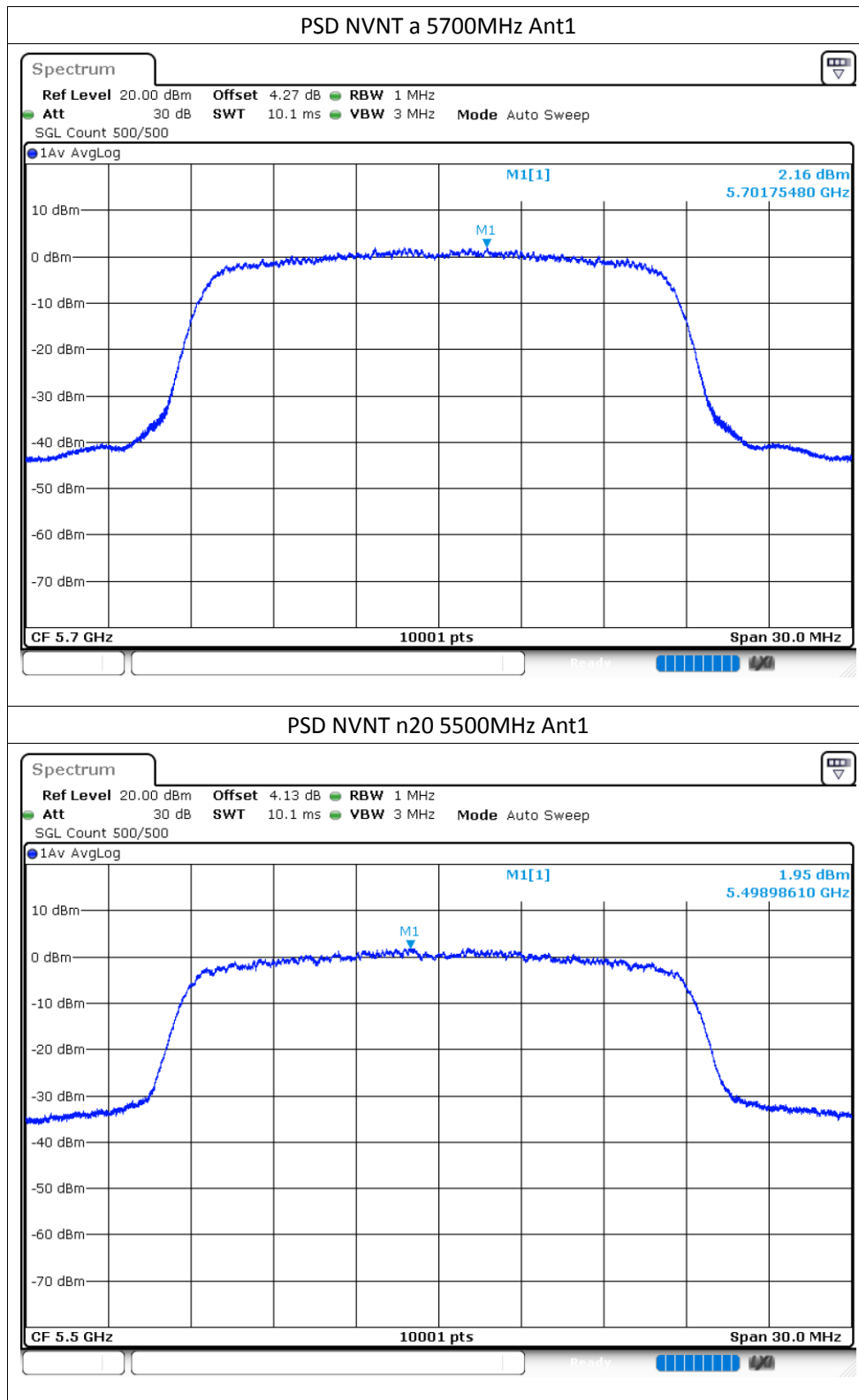
## Test Graphs

### PSD NVNT a 5500MHz Ant1

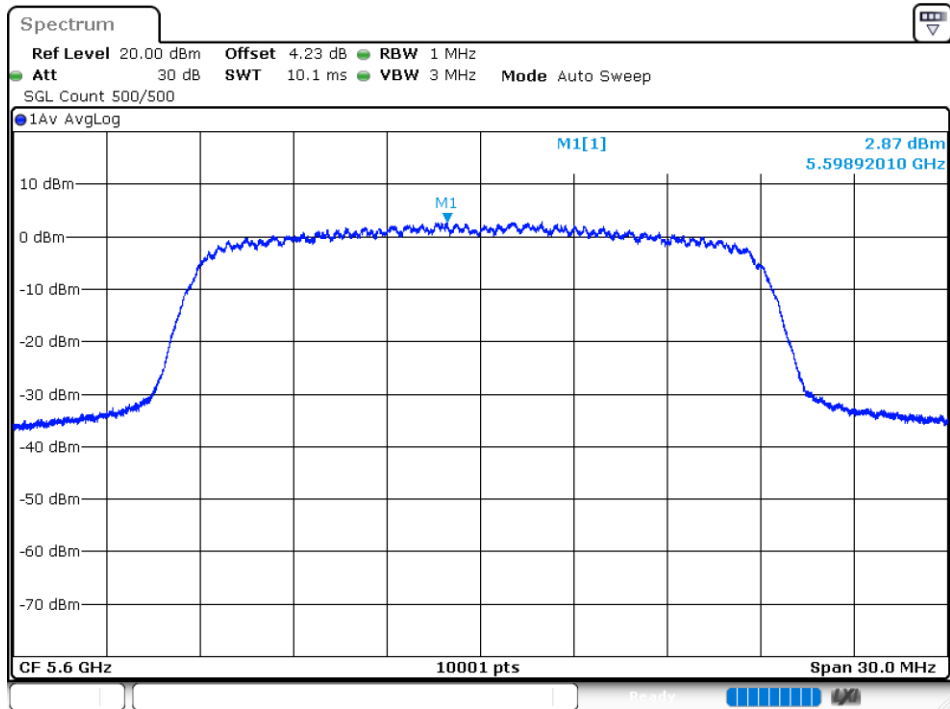


### PSD NVNT a 5600MHz Ant1

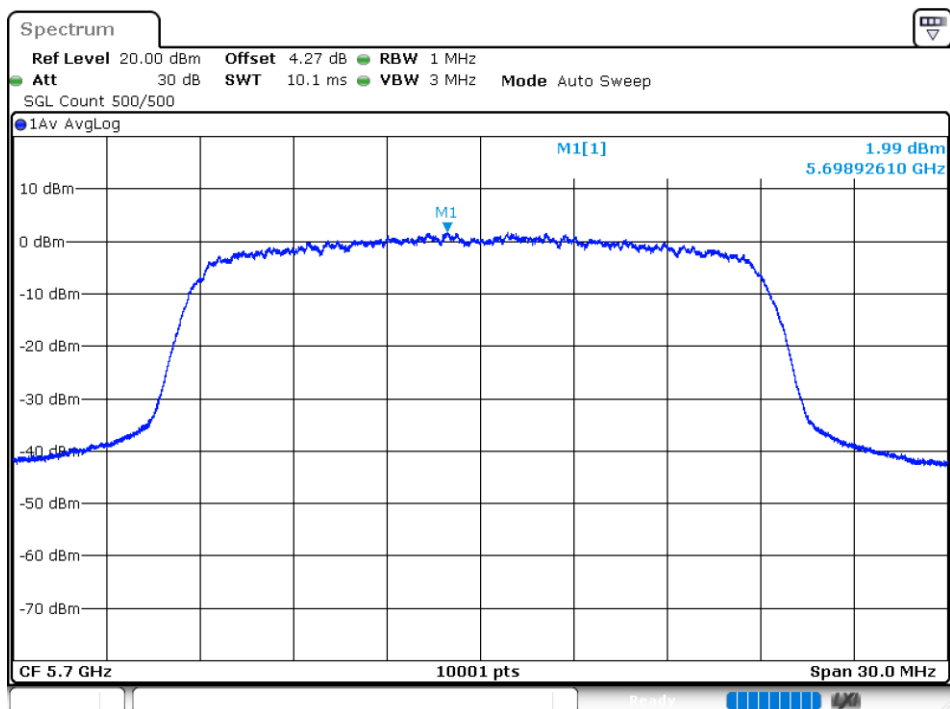




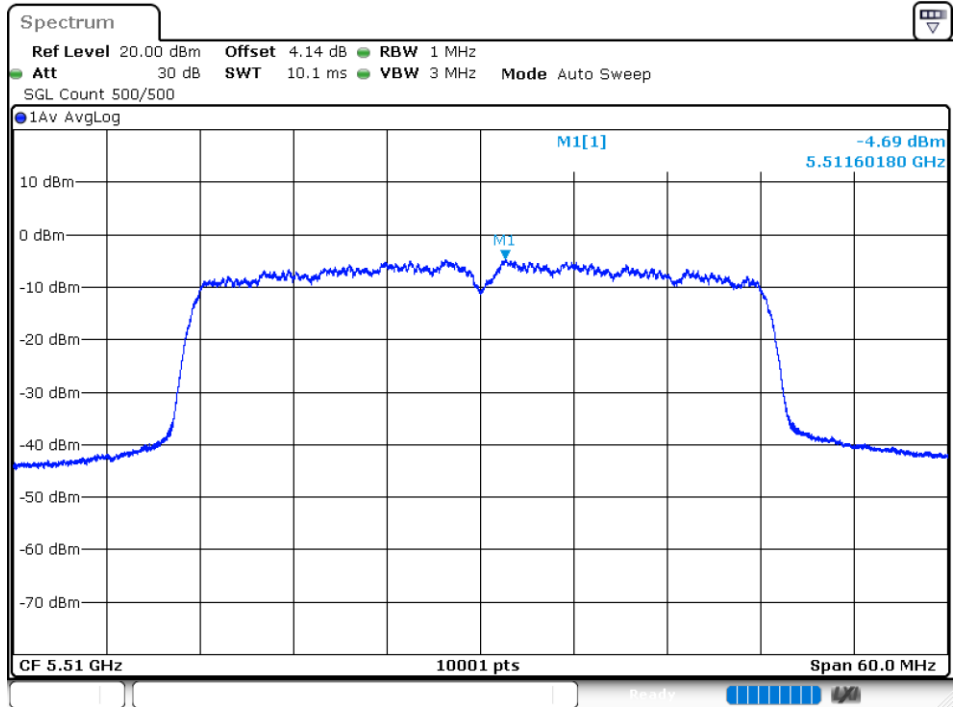
### PSD NVNT n20 5600MHz Ant1



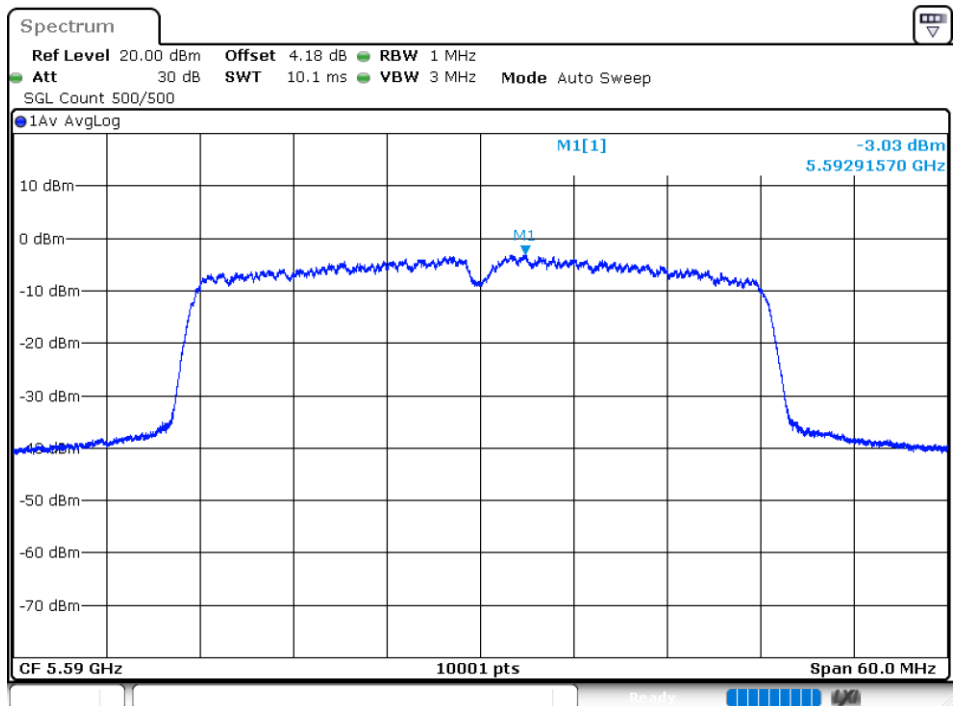
### PSD NVNT n20 5700MHz Ant1

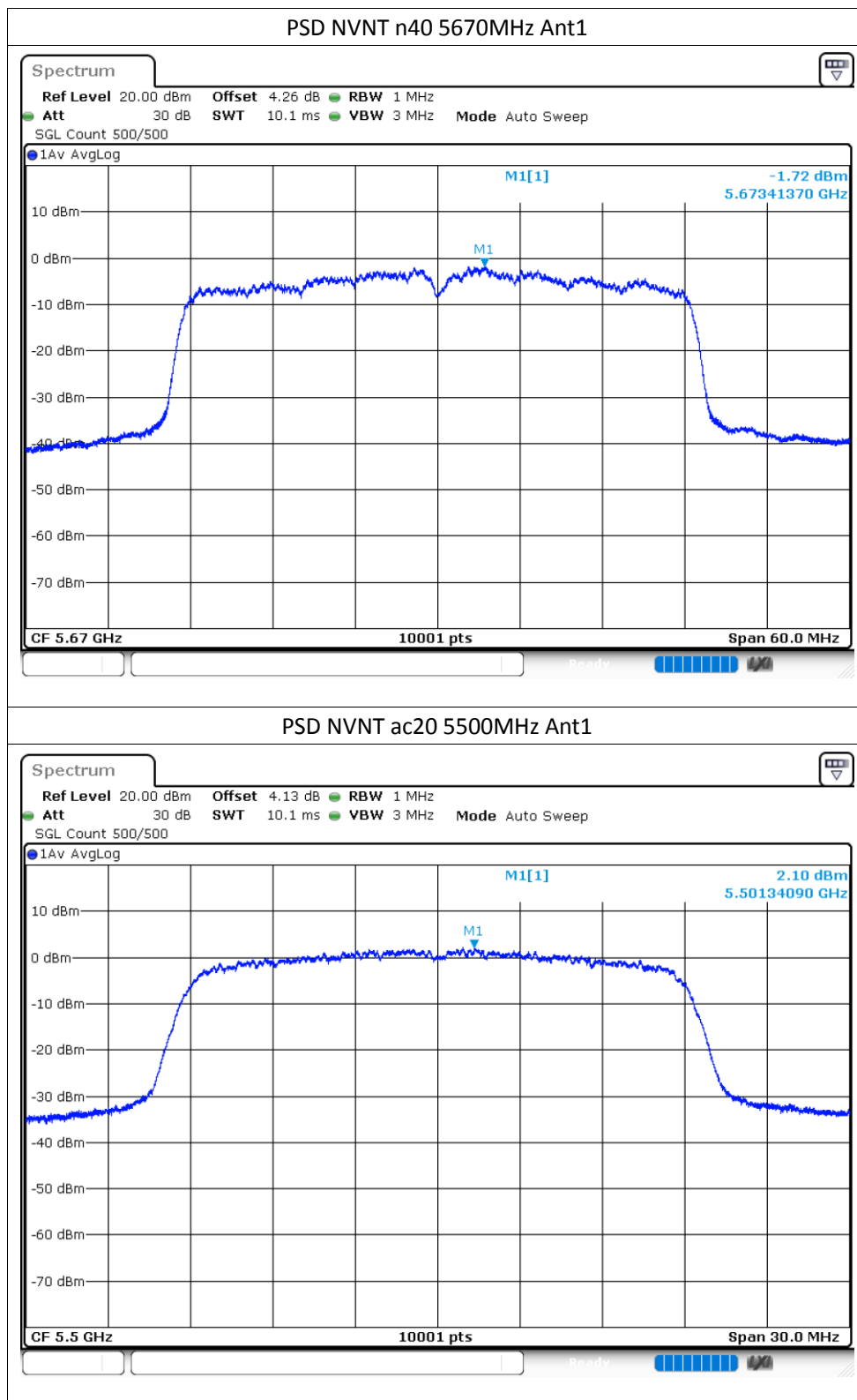


PSD NVNT n40 5510MHz Ant1

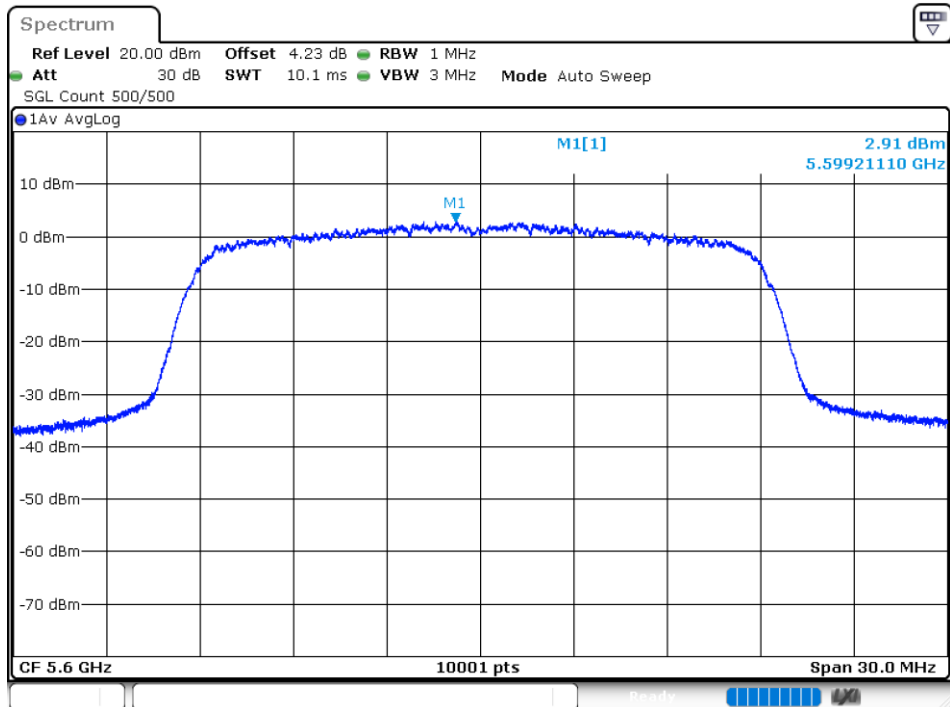


PSD NVNT n40 5590MHz Ant1

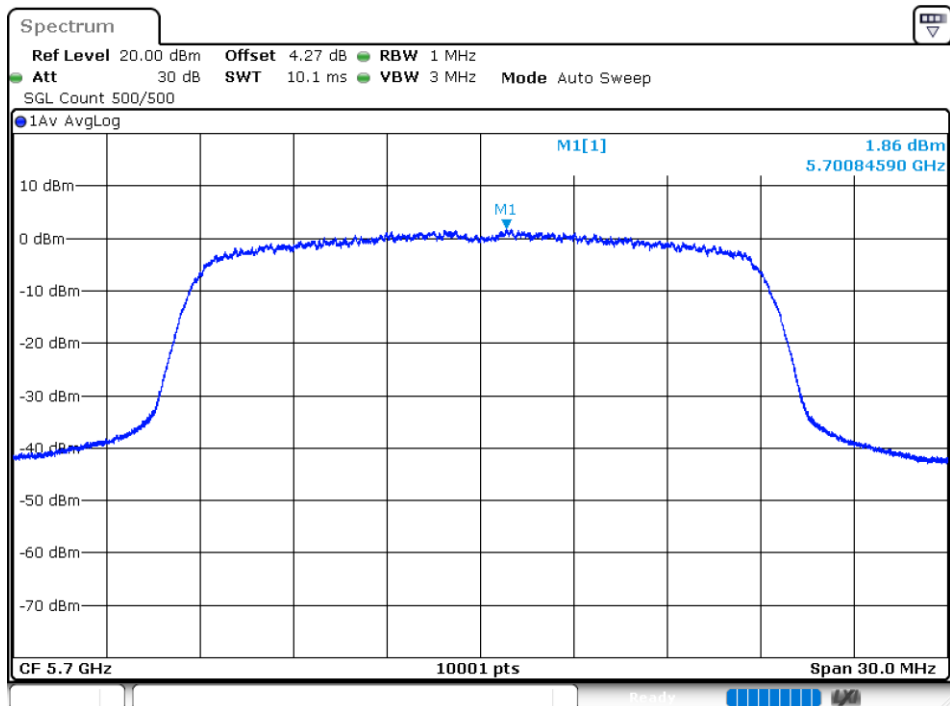


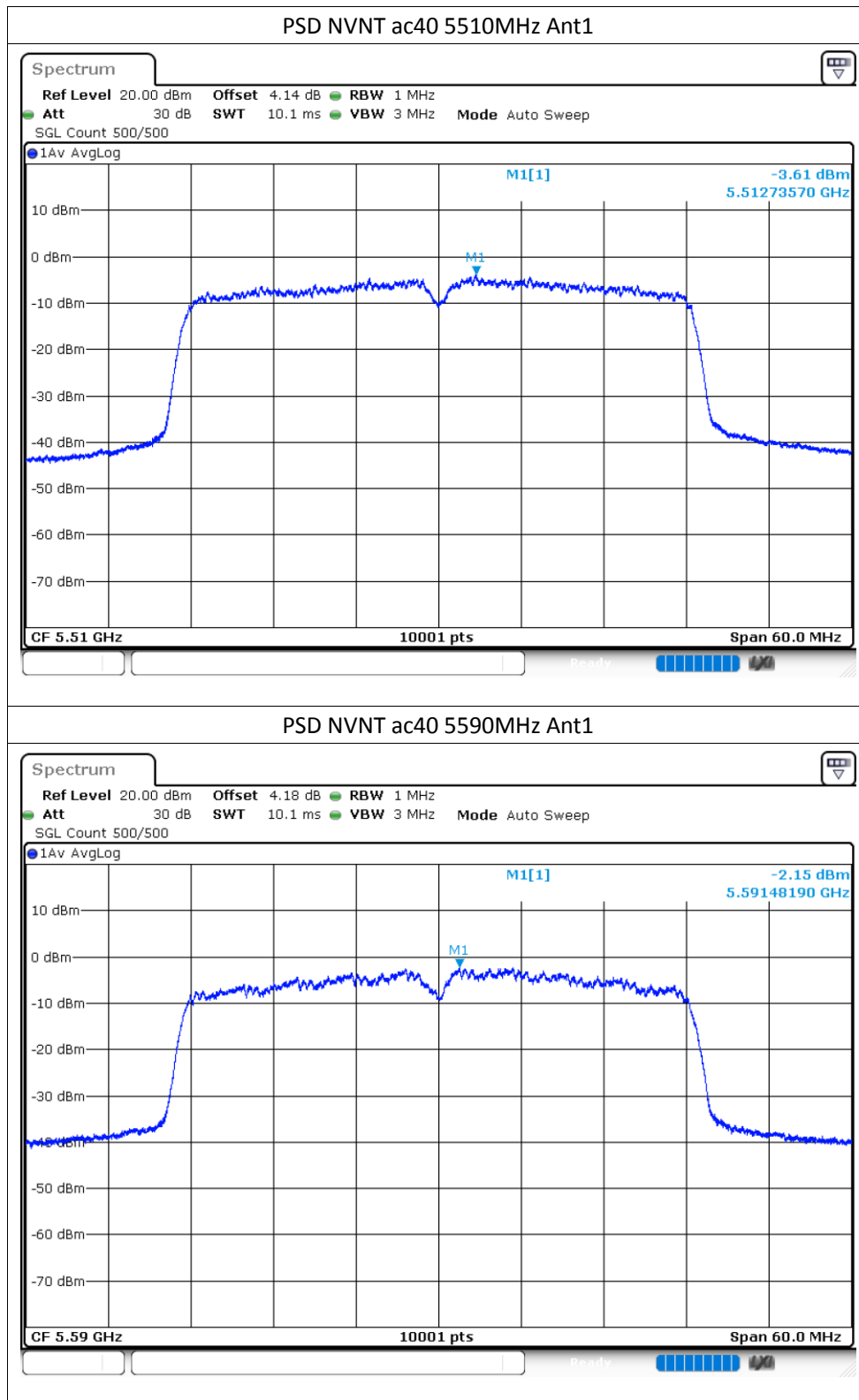


### PSD NVNT ac20 5600MHz Ant1

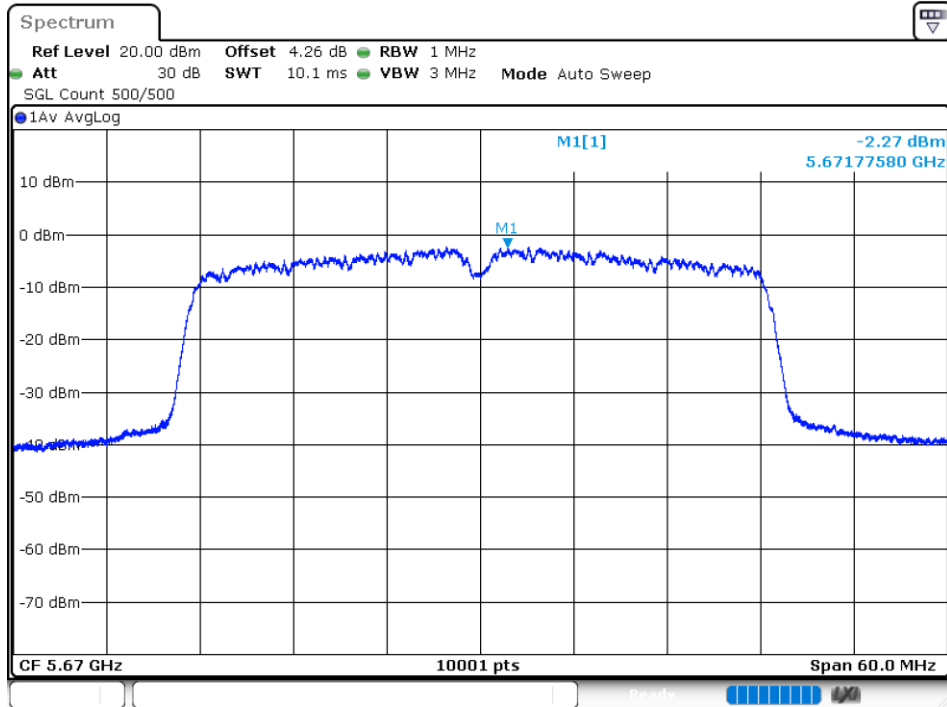


### PSD NVNT ac20 5700MHz Ant1

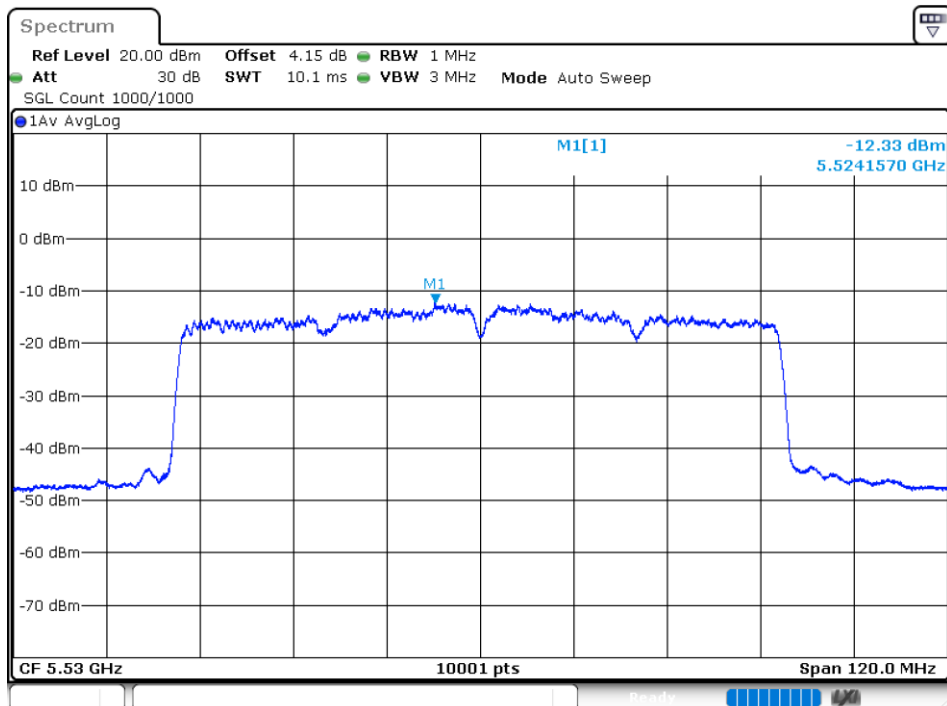


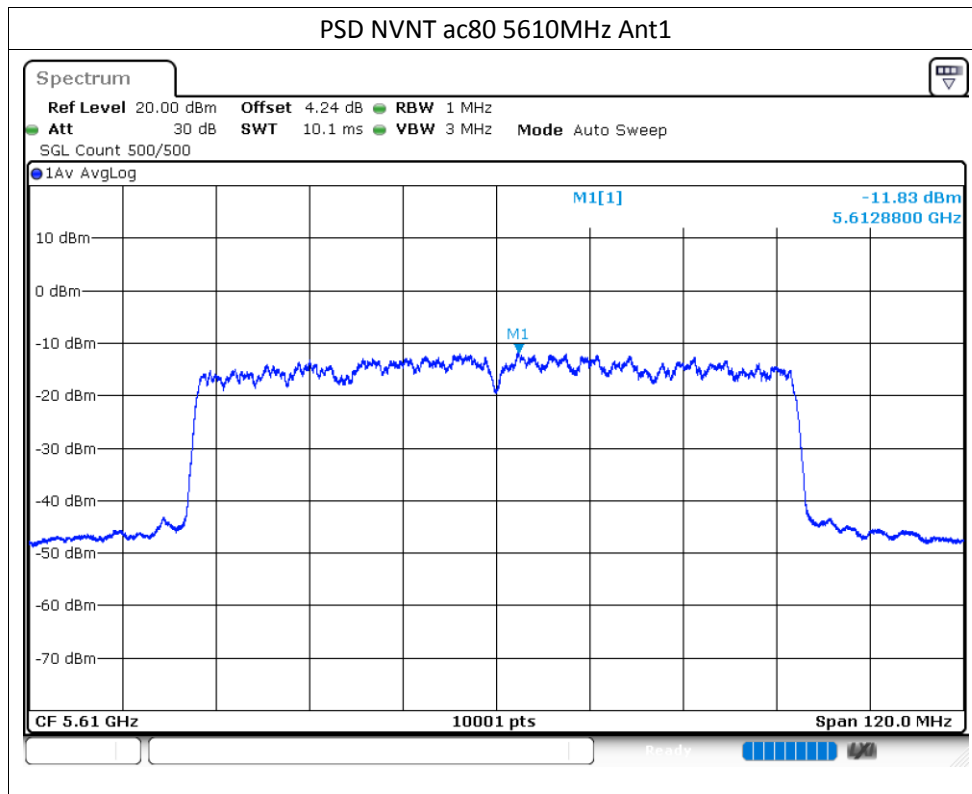


PSD NVNT ac40 5670MHz Ant1



PSD NVNT ac80 5530MHz Ant1





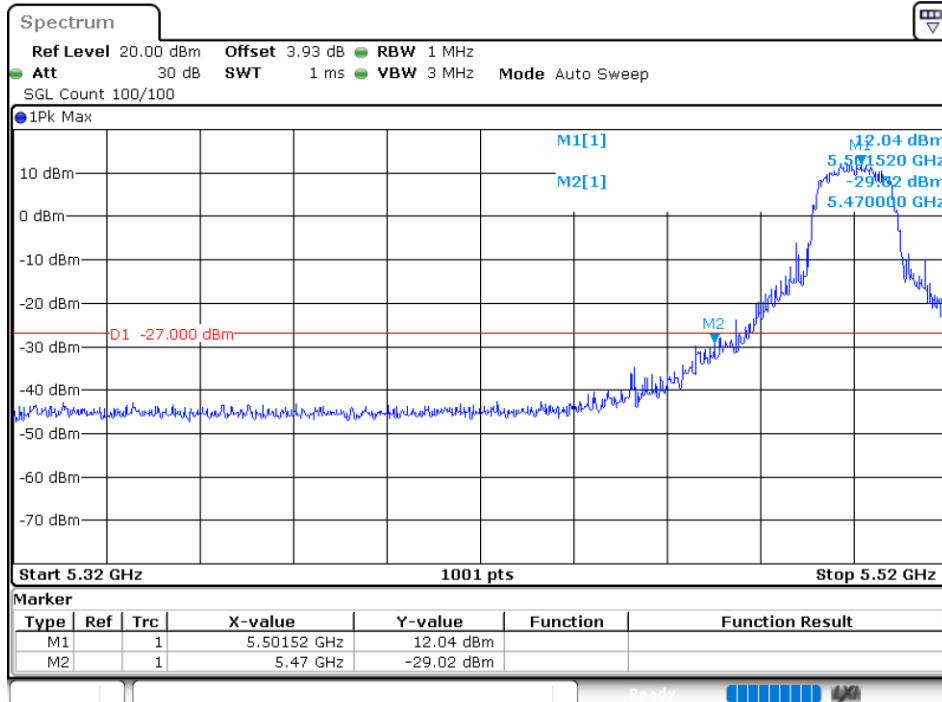
## Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | -29.01          | -27         | Pass    |
| NVNT      | a    | 5700            | Ant1    | -28.83          | -27         | Pass    |
| NVNT      | n20  | 5500            | Ant1    | -29.41          | -27         | Pass    |
| NVNT      | n20  | 5700            | Ant1    | -27.13          | -27         | Pass    |
| NVNT      | n40  | 5510            | Ant1    | -29.93          | -27         | Pass    |
| NVNT      | n40  | 5670            | Ant1    | -29.28          | -27         | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | -32.38          | -27         | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | -27.93          | -27         | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | -29.69          | -27         | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | -30.25          | -27         | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | -29.87          | -27         | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | -36.68          | -27         | Pass    |

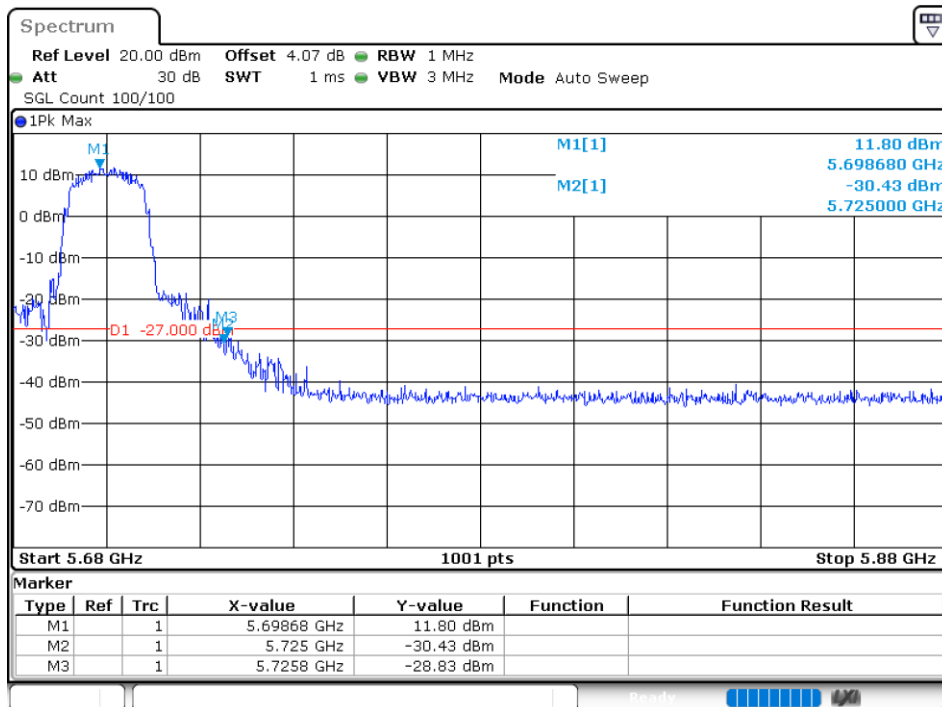
Note: This test has increased antenna gain .

## Test Graphs

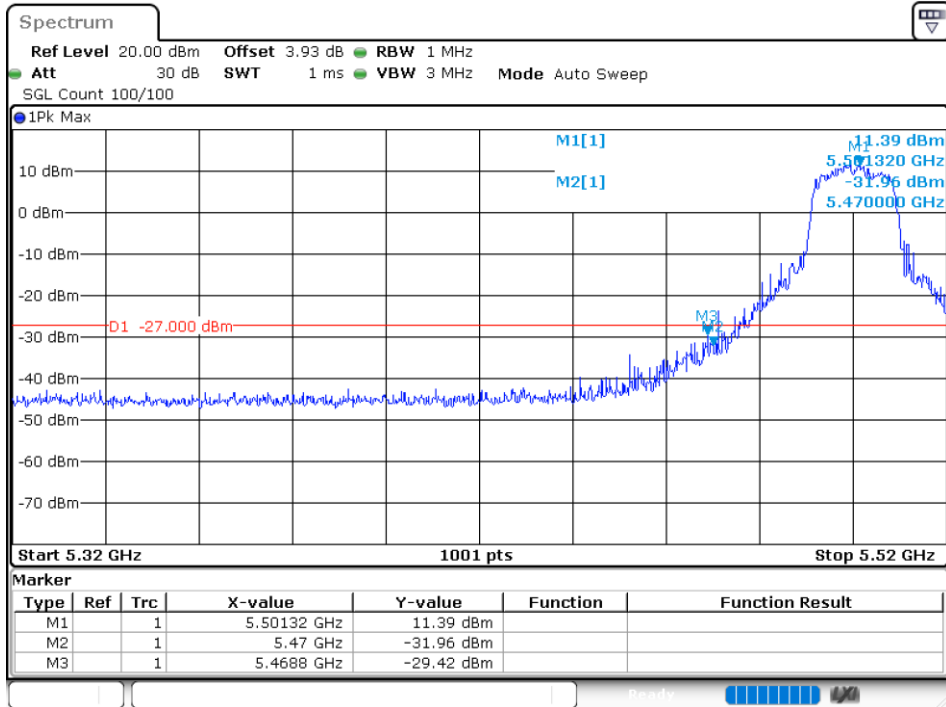
### Band Edge NVNT a 5500MHz Low Ant1



### Band Edge NVNT a 5700MHz High Ant1



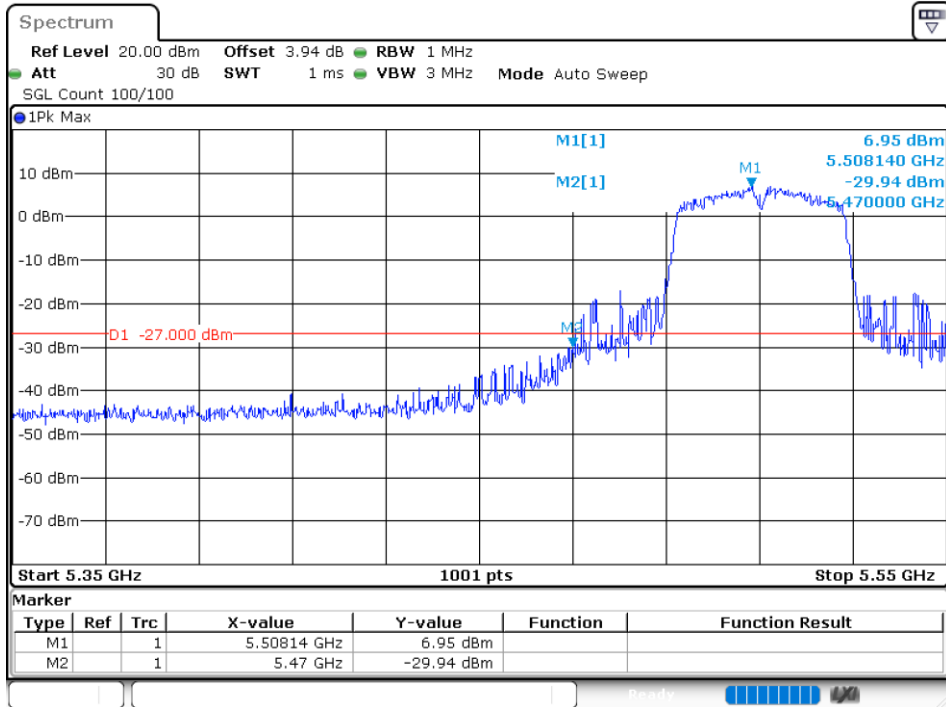
### Band Edge NVNT n20 5500MHz Low Ant1



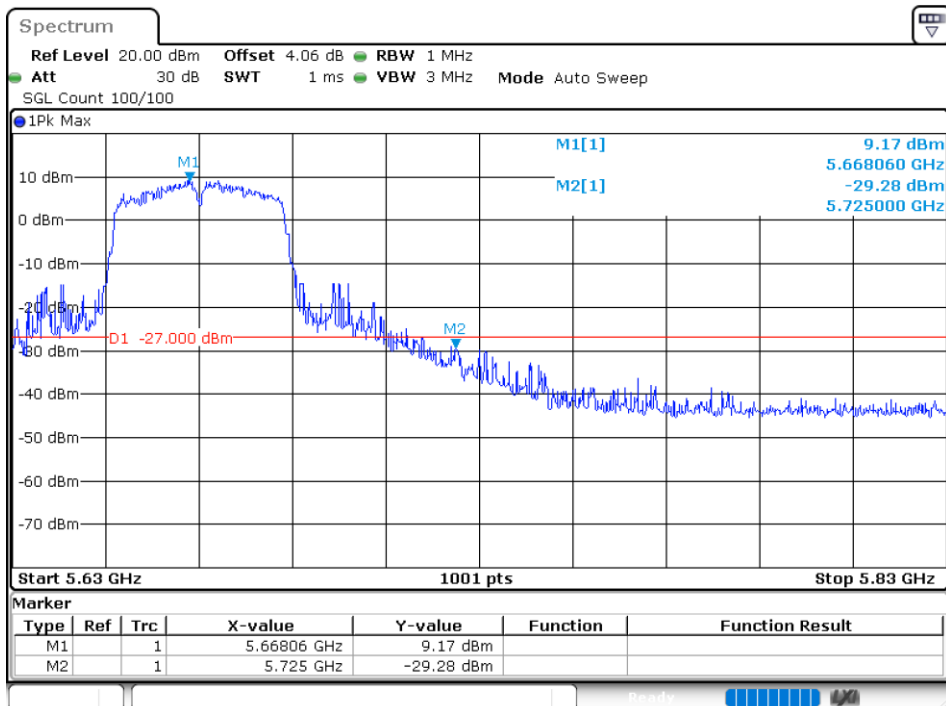
### Band Edge NVNT n20 5700MHz High Ant1



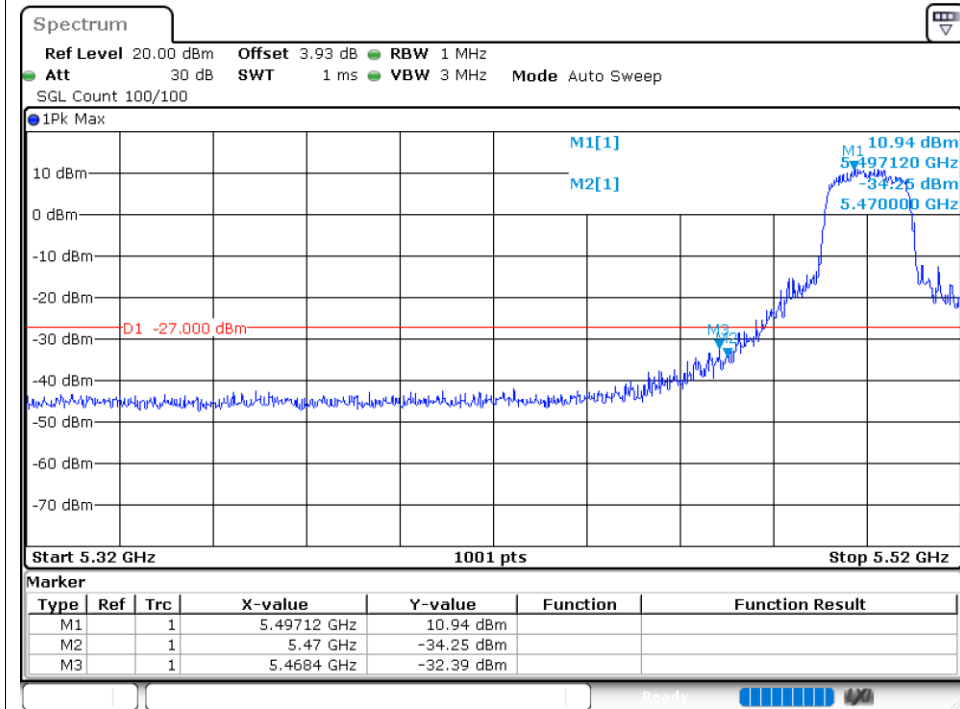
### Band Edge NVNT n40 5510MHz Low Ant1



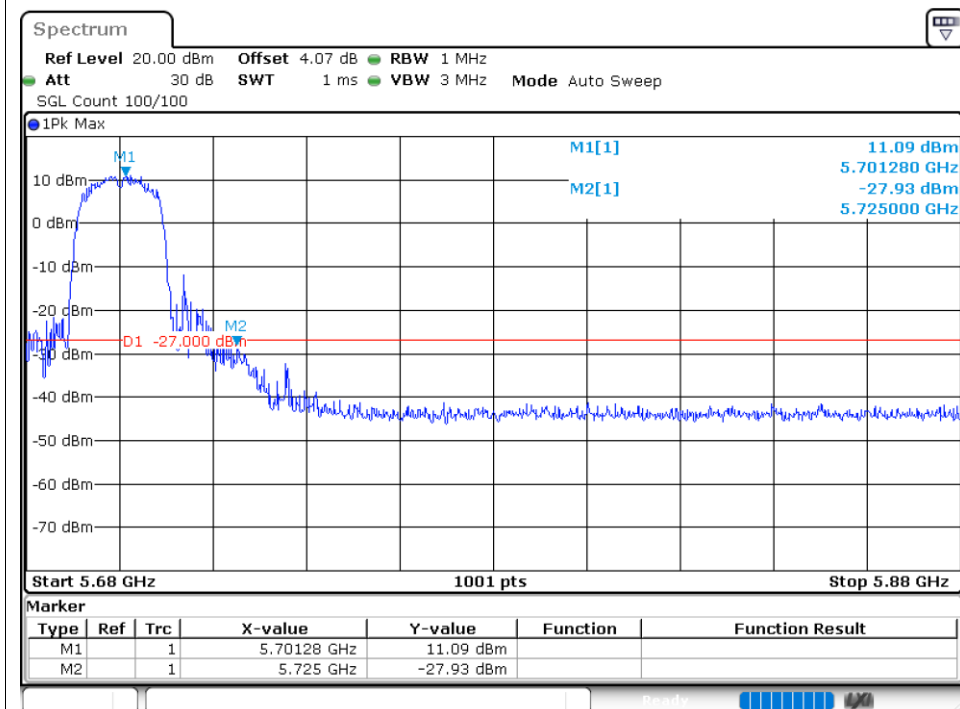
### Band Edge NVNT n40 5670MHz High Ant1



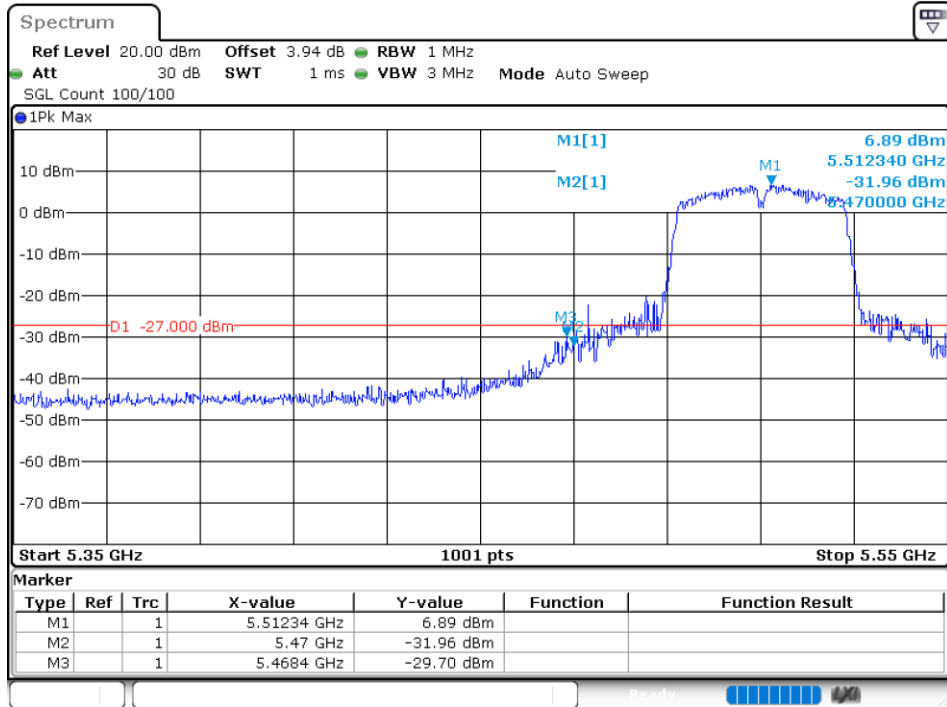
## Band Edge NVNT ac20 5500MHz Low Ant1



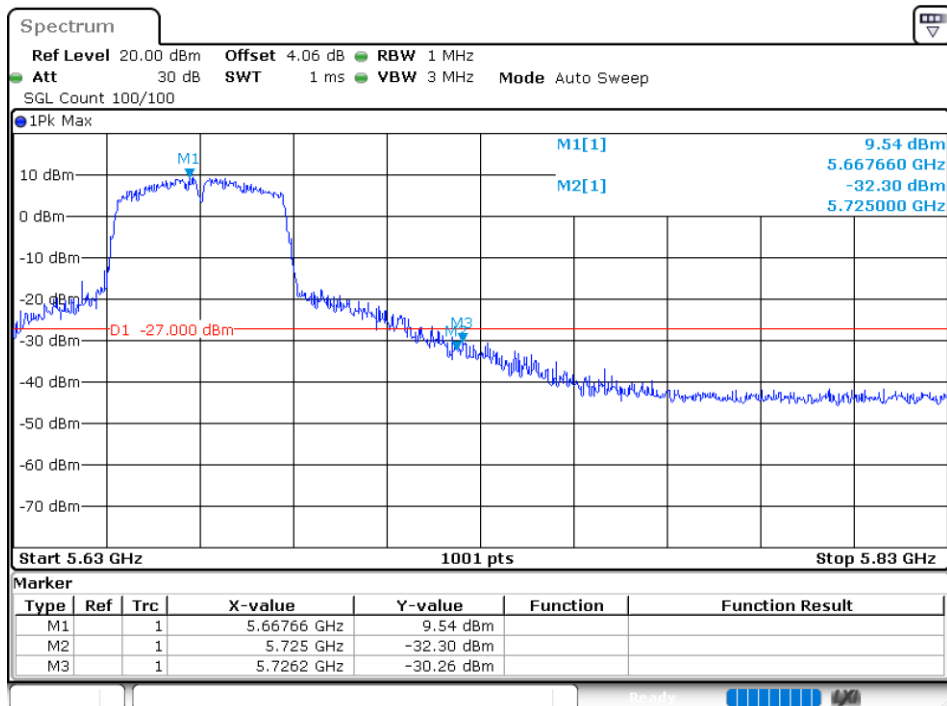
## Band Edge NVNT ac20 5700MHz High Ant1



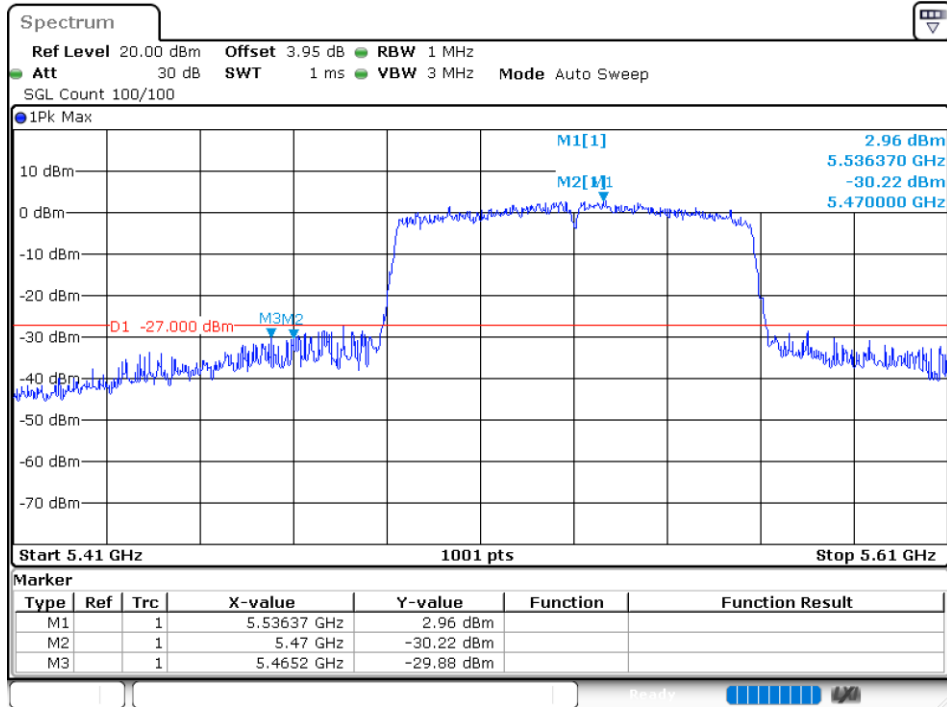
Band Edge NVNT ac40 5510MHz Low Ant1



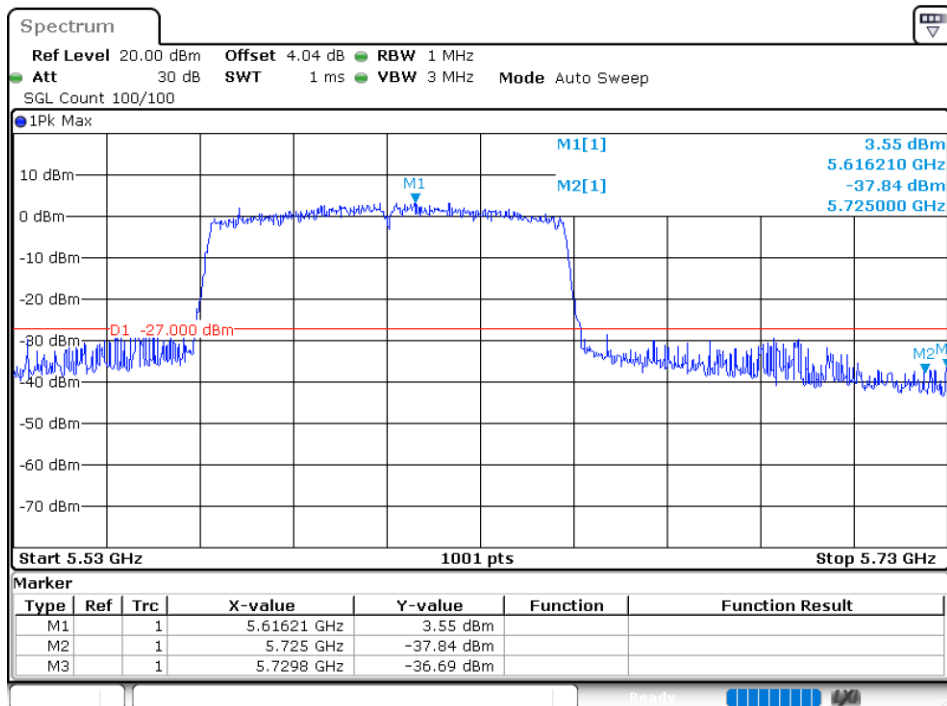
Band Edge NVNT ac40 5670MHz High Ant1



### Band Edge NVNT ac80 5530MHz Low Ant1



### Band Edge NVNT ac80 5610MHz High Ant1



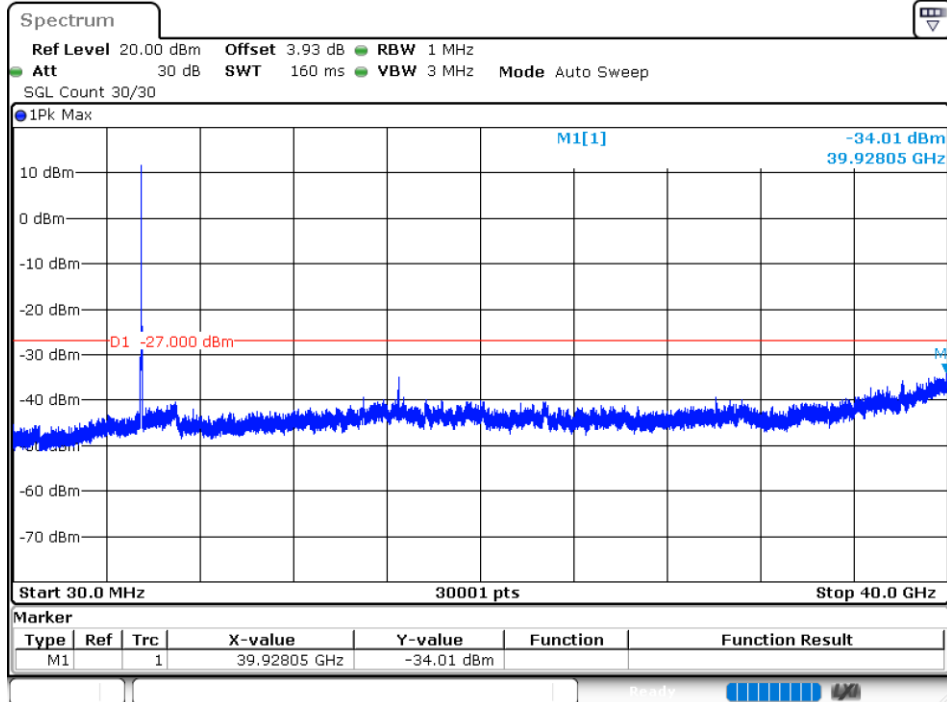
## Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | -34.01          | -27         | Pass    |
| NVNT      | a    | 5600            | Ant1    | -34.48          | -27         | Pass    |
| NVNT      | a    | 5700            | Ant1    | -34.19          | -27         | Pass    |
| NVNT      | n20  | 5500            | Ant1    | -35             | -27         | Pass    |
| NVNT      | n20  | 5600            | Ant1    | -34.89          | -27         | Pass    |
| NVNT      | n20  | 5700            | Ant1    | -33.98          | -27         | Pass    |
| NVNT      | n40  | 5510            | Ant1    | -34.68          | -27         | Pass    |
| NVNT      | n40  | 5590            | Ant1    | -34.4           | -27         | Pass    |
| NVNT      | n40  | 5670            | Ant1    | -33.74          | -27         | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | -34.38          | -27         | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | -34.03          | -27         | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | -33.79          | -27         | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | -34.07          | -27         | Pass    |
| NVNT      | ac40 | 5590            | Ant1    | -34.2           | -27         | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | -34.6           | -27         | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | -34.9           | -27         | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | -34.59          | -27         | Pass    |

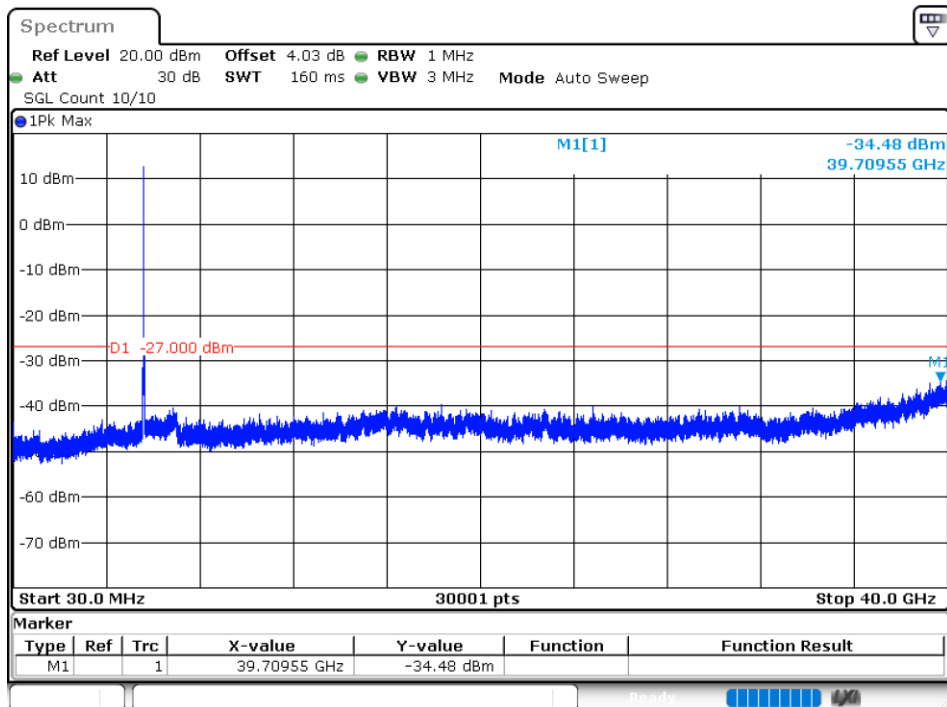
Note: This test has increased antenna gain .

### Test Graphs

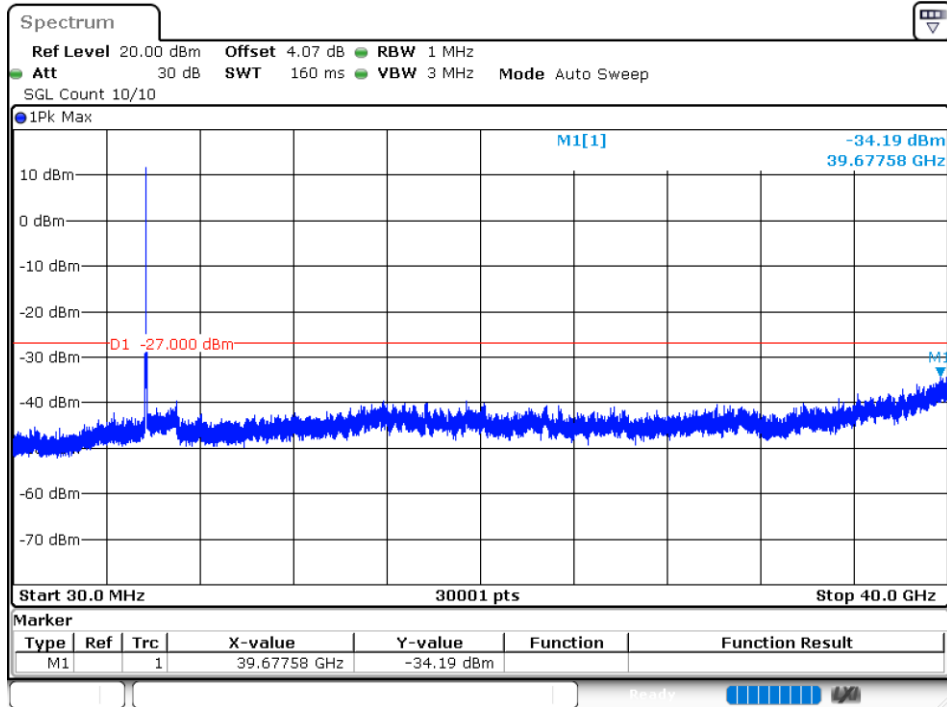
#### Tx. Spurious NVNT a 5500MHz Ant1 Emission



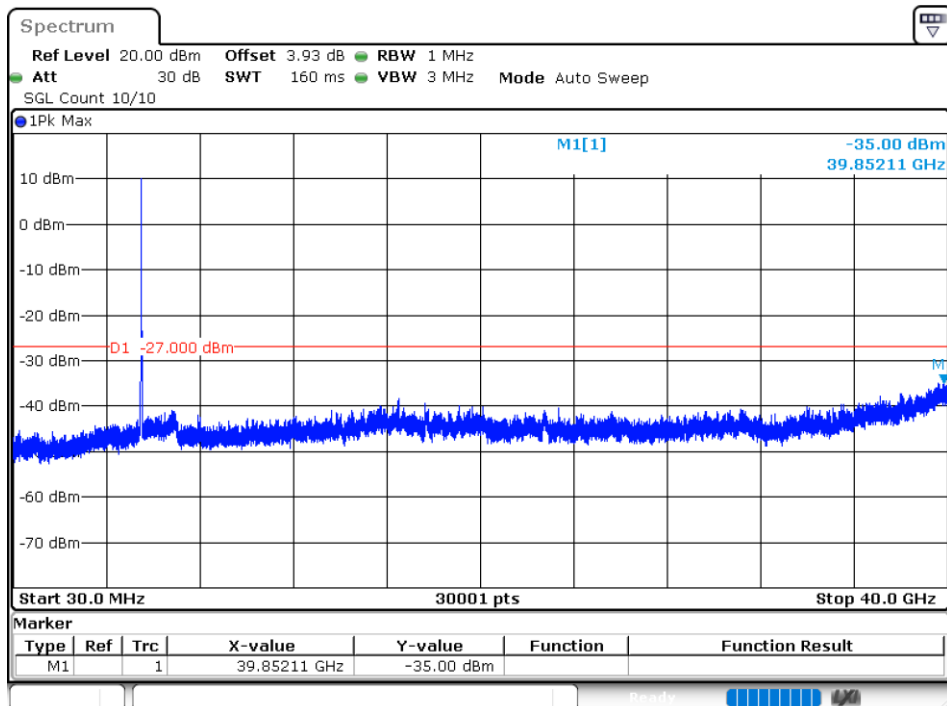
#### Tx. Spurious NVNT a 5600MHz Ant1 Emission



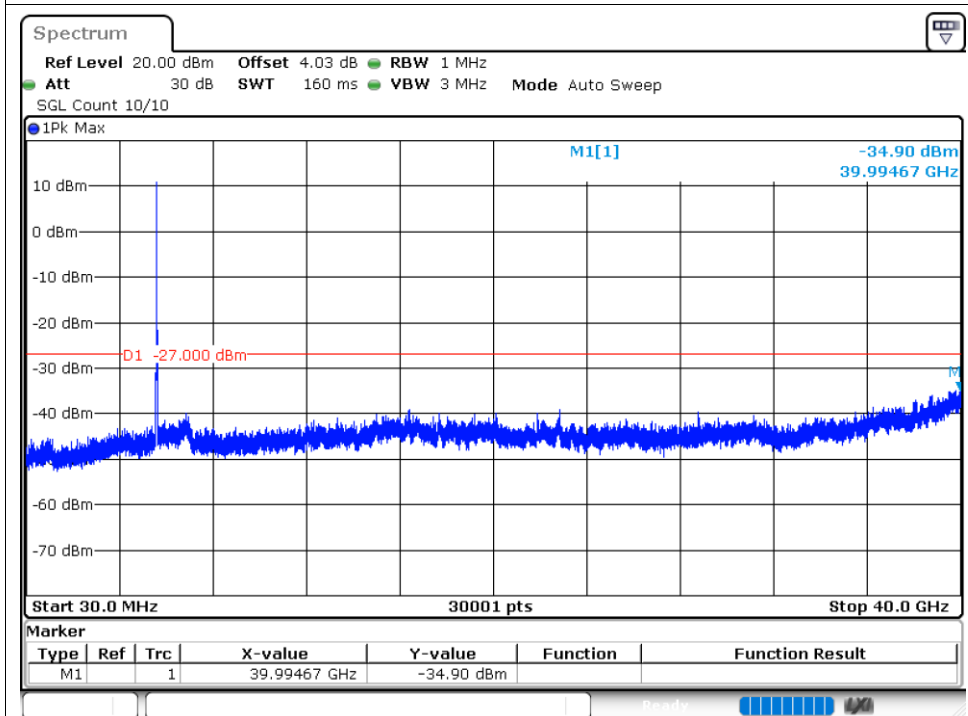
Tx. Spurious NVNT a 5700MHz Ant1 Emission



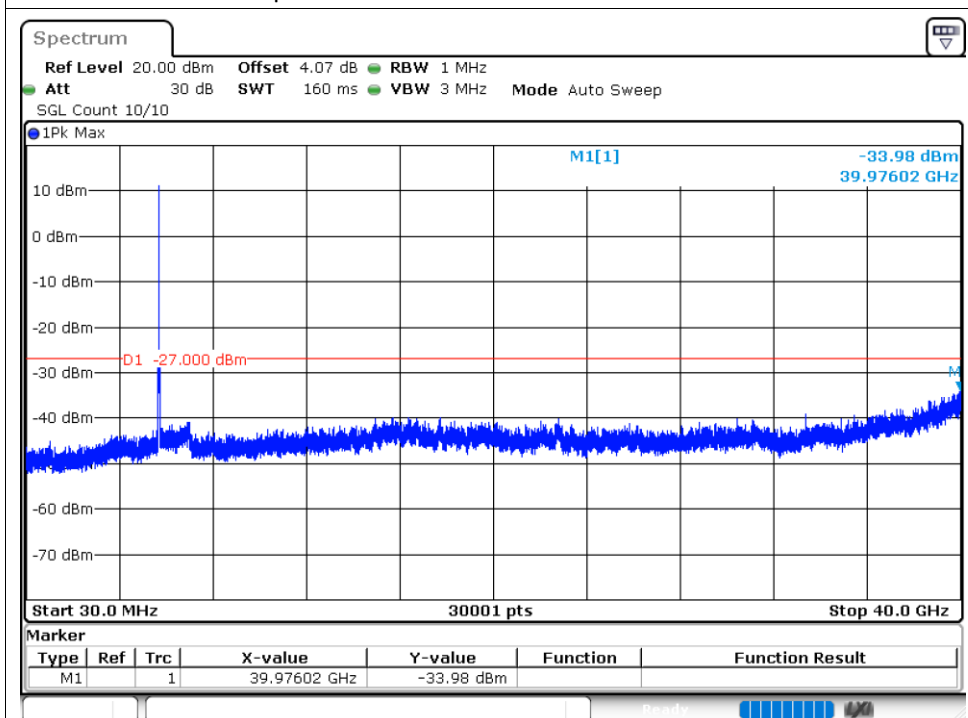
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



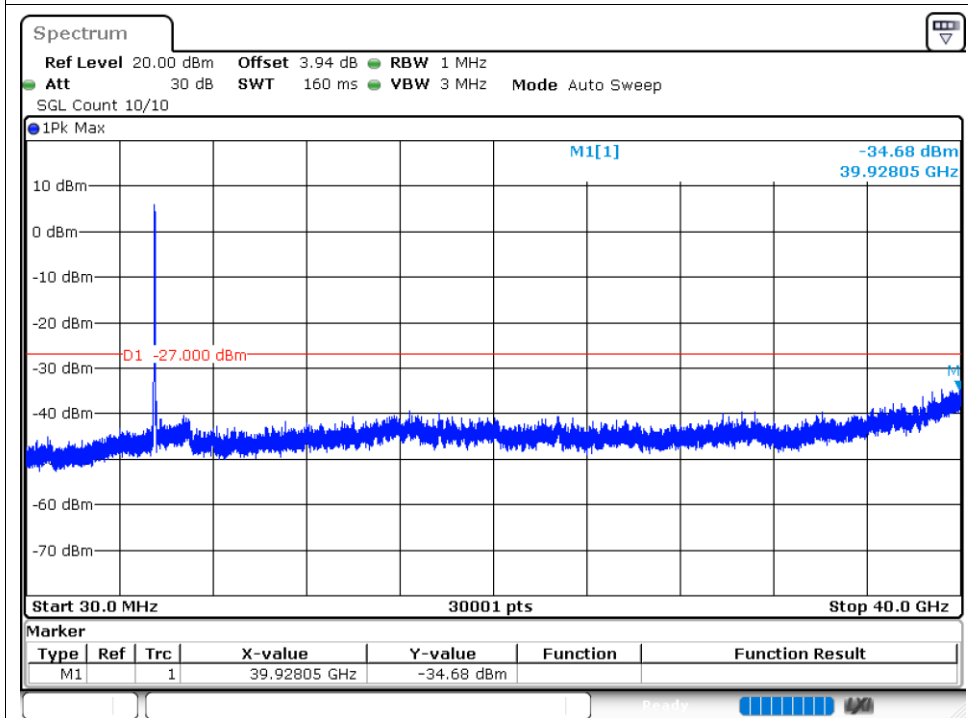
## Tx. Spurious NVNT n20 5600MHz Ant1 Emission



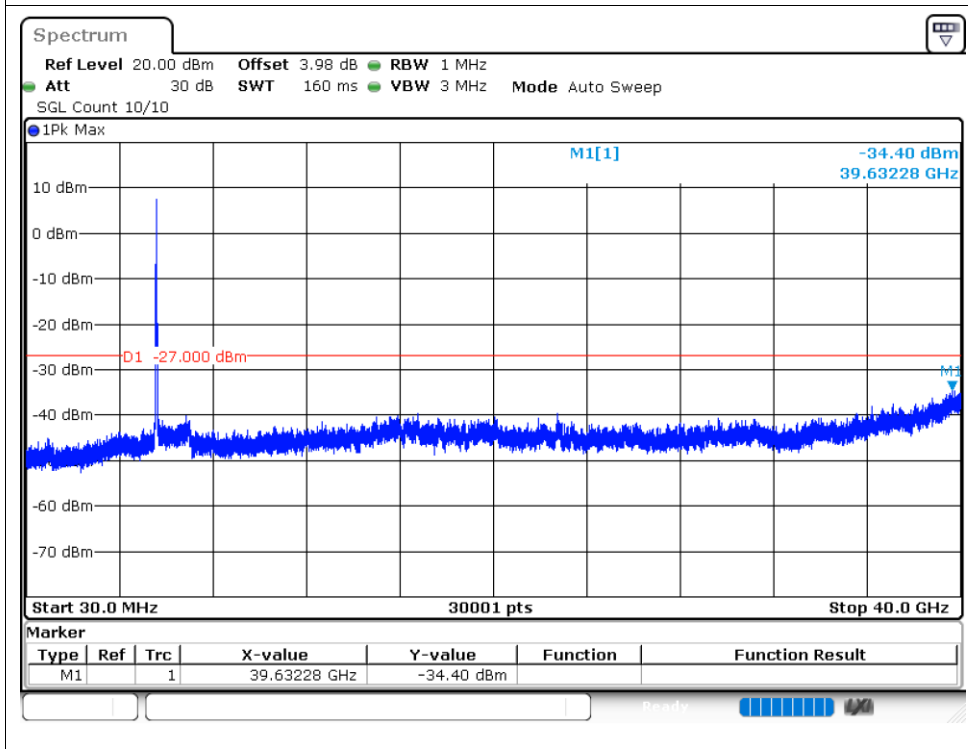
## Tx. Spurious NVNT n20 5700MHz Ant1 Emission



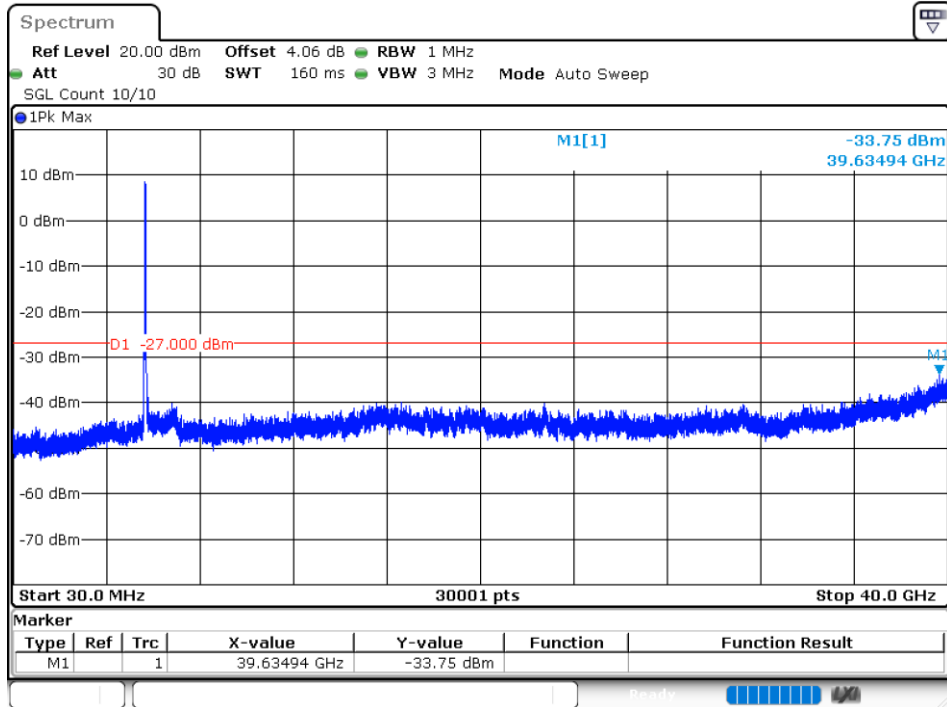
## Tx. Spurious NVNT n40 5510MHz Ant1 Emission



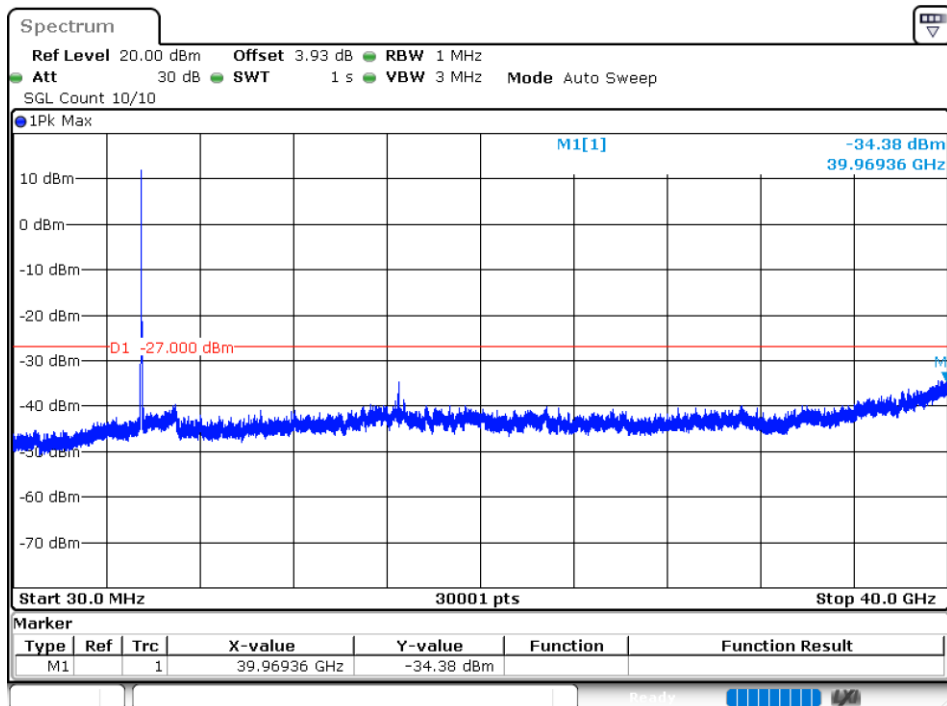
## Tx. Spurious NVNT n40 5590MHz Ant1 Emission



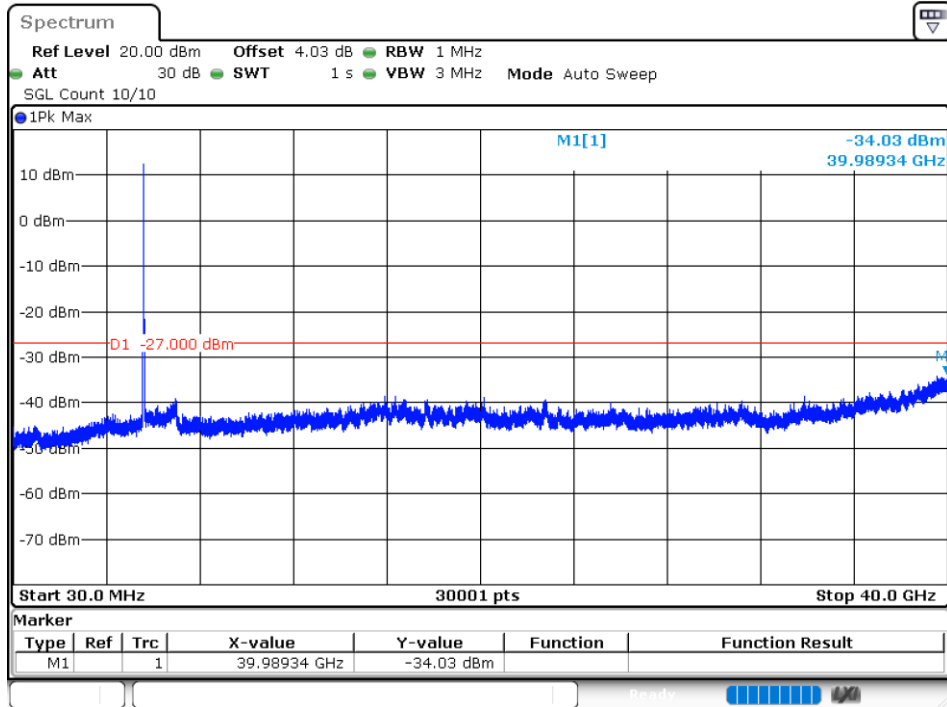
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



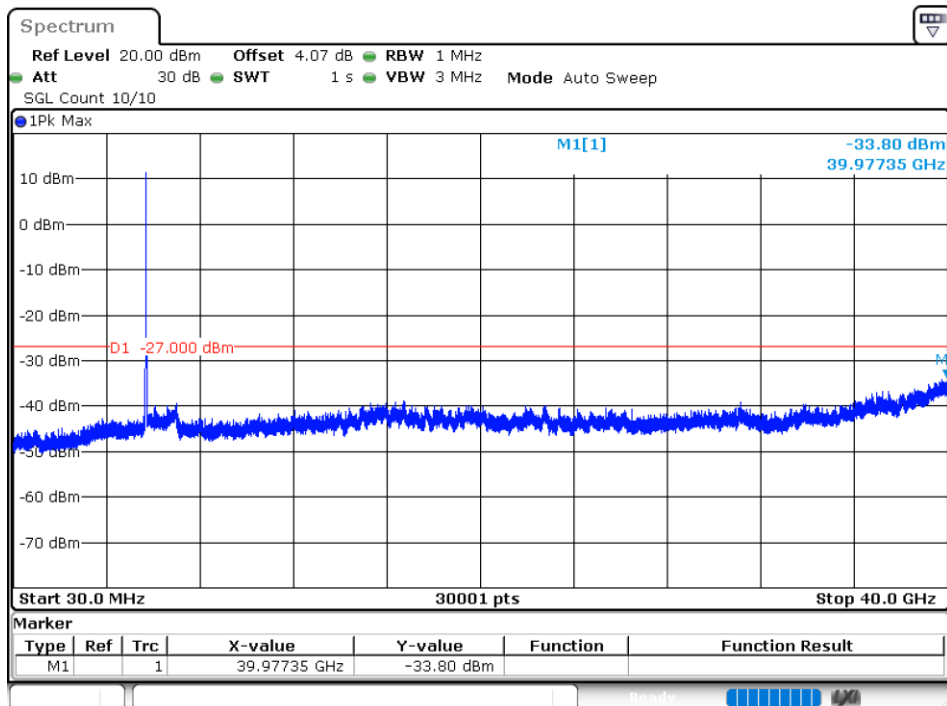
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



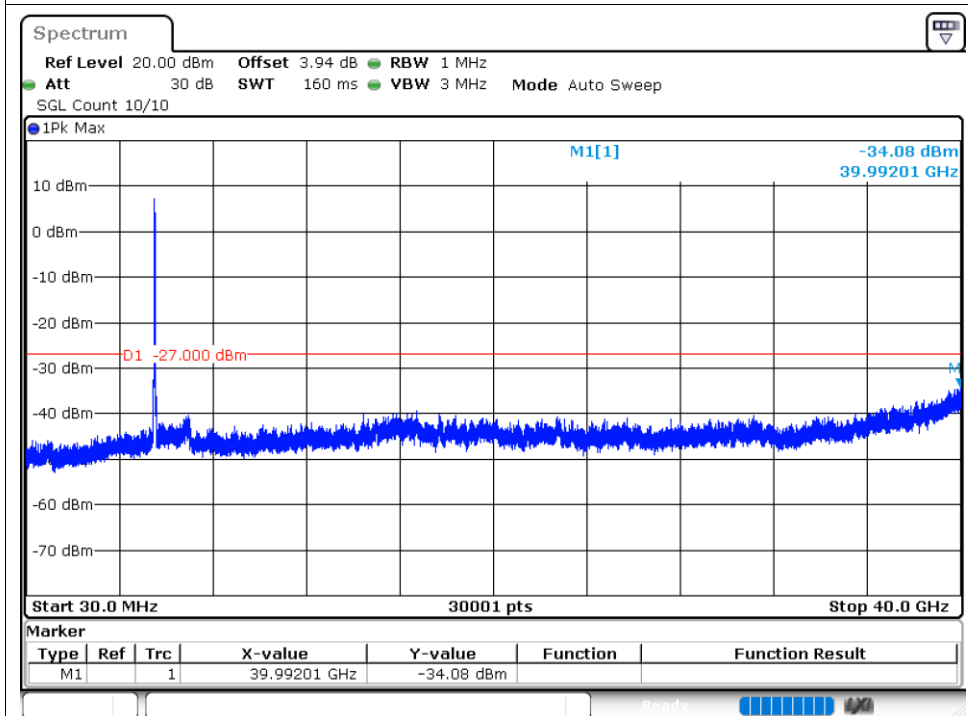
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



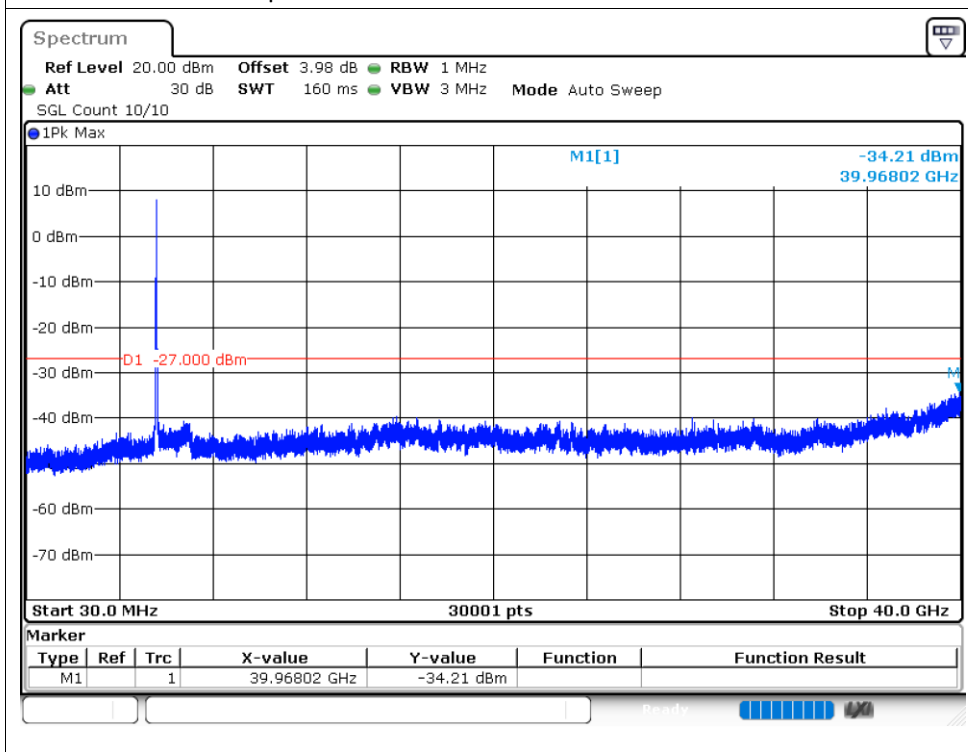
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



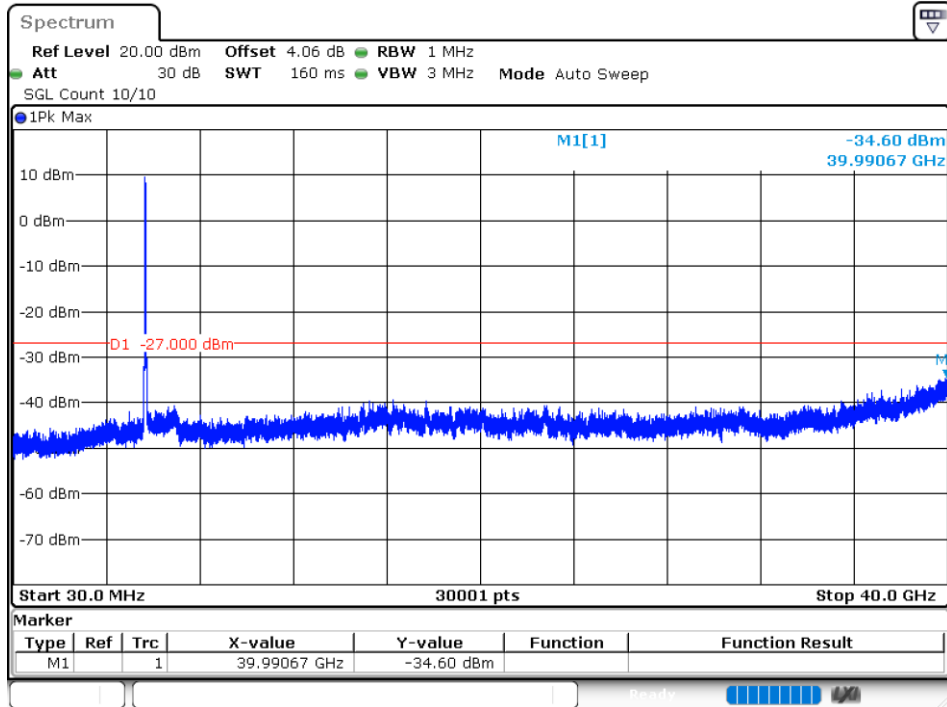
## Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



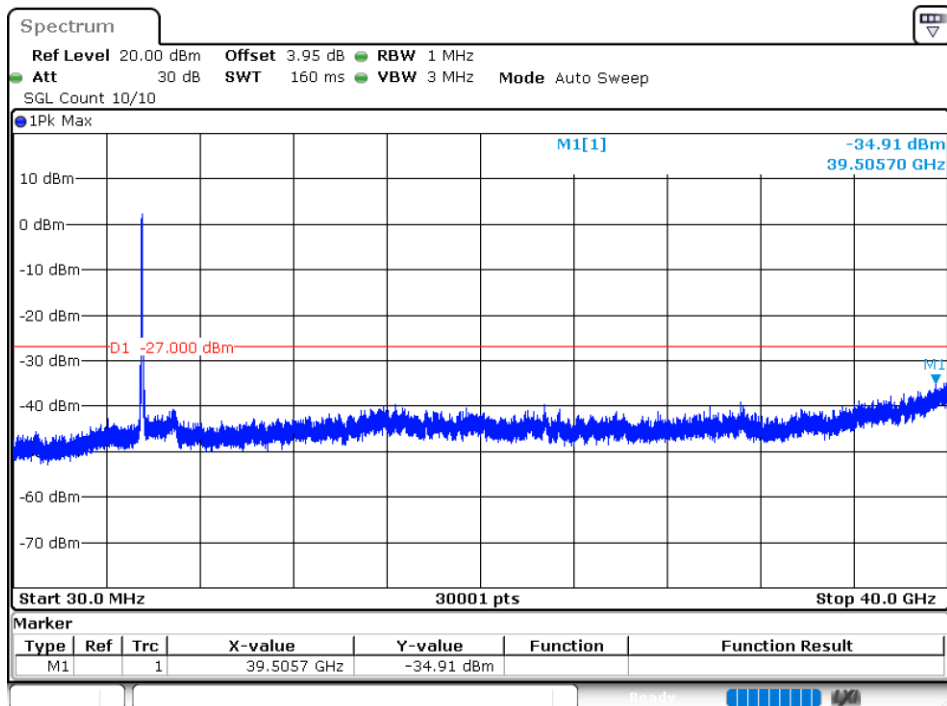
## Tx. Spurious NVNT ac40 5590MHz Ant1 Emission

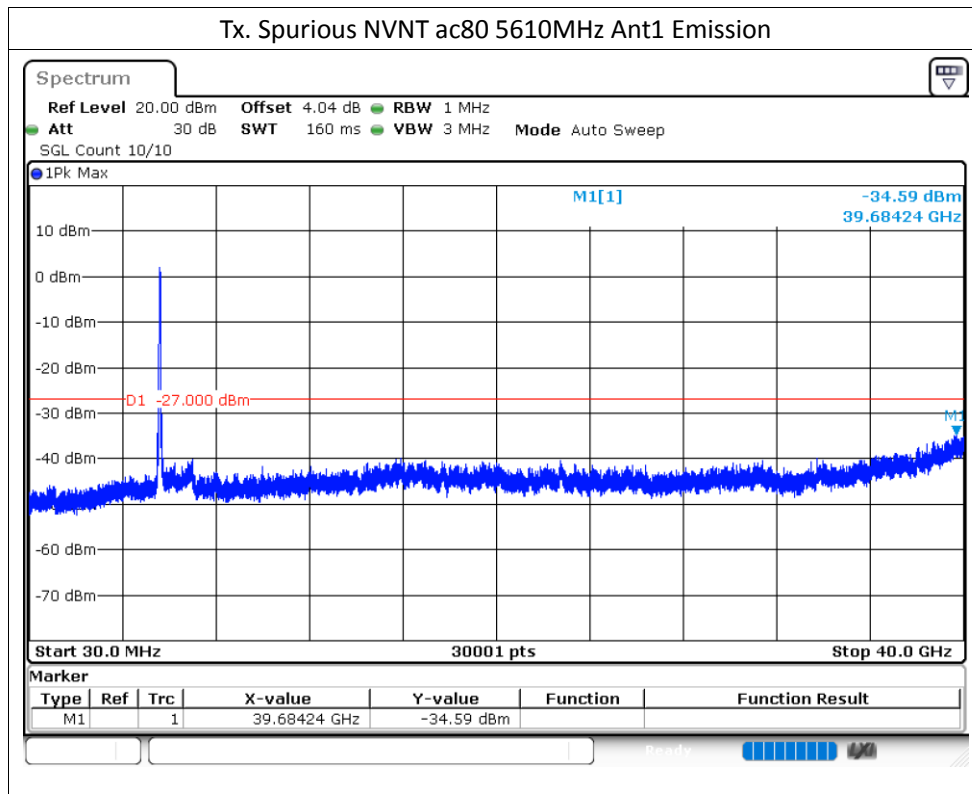


Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant1 Emission





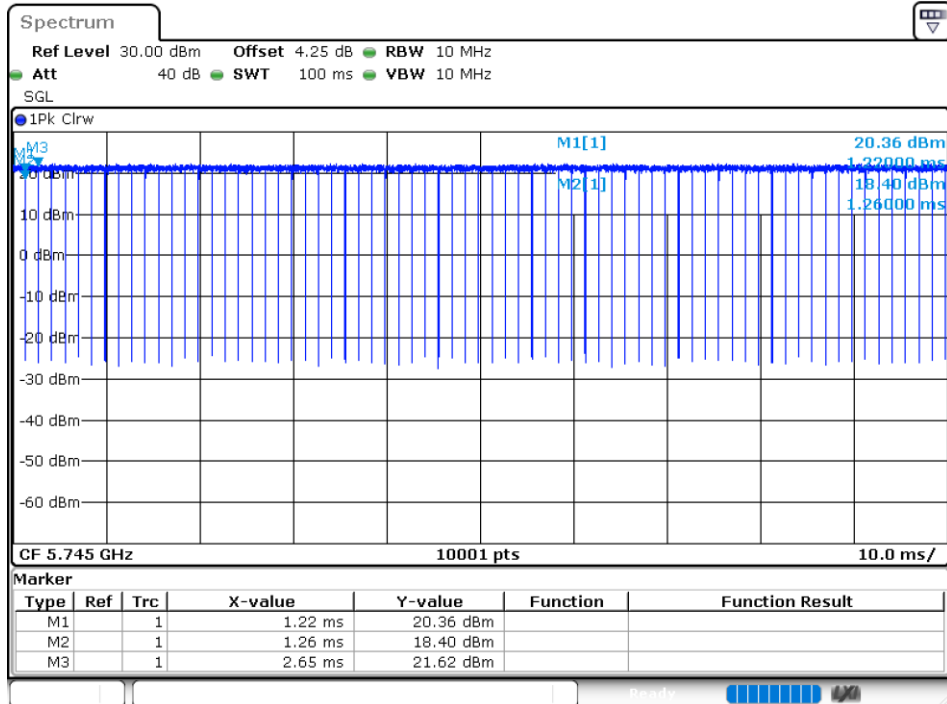
## 5.8G WIFI

### Duty Cycle

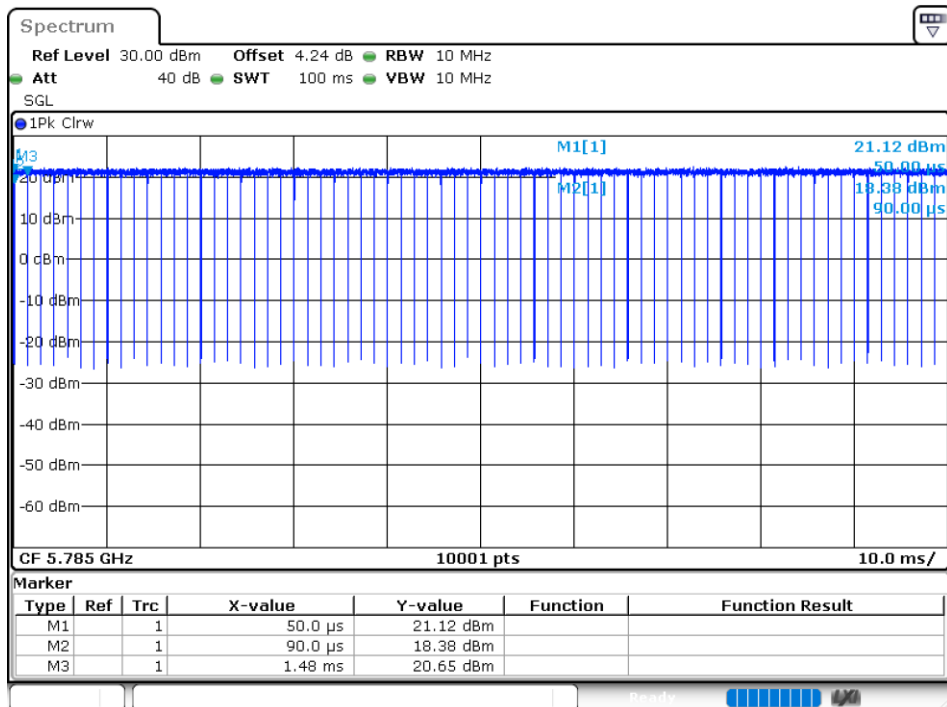
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 98.2           | 0.08                   | 0.72      |
| NVNT      | a    | 5785            | Ant1    | 98.2           | 0.08                   | 0.72      |
| NVNT      | a    | 5825            | Ant1    | 98.2           | 0.08                   | 0.72      |
| NVNT      | n20  | 5745            | Ant1    | 98.08          | 0.08                   | 0.77      |
| NVNT      | n20  | 5785            | Ant1    | 98.09          | 0.08                   | 0.77      |
| NVNT      | n20  | 5825            | Ant1    | 98.08          | 0.08                   | 0.77      |
| NVNT      | n40  | 5755            | Ant1    | 94.43          | 0.25                   | 1.54      |
| NVNT      | n40  | 5795            | Ant1    | 95.4           | 0.2                    | 1.54      |
| NVNT      | ac20 | 5745            | Ant1    | 98.09          | 0.08                   | 0.76      |
| NVNT      | ac20 | 5785            | Ant1    | 98.1           | 0.08                   | 0.76      |
| NVNT      | ac20 | 5825            | Ant1    | 98.1           | 0.08                   | 0.76      |
| NVNT      | ac40 | 5755            | Ant1    | 94.8           | 0.23                   | 1.54      |
| NVNT      | ac40 | 5795            | Ant1    | 94.01          | 0.27                   | 1.54      |
| NVNT      | ac80 | 5775            | Ant1    | 84.01          | 0.76                   | 3.12      |

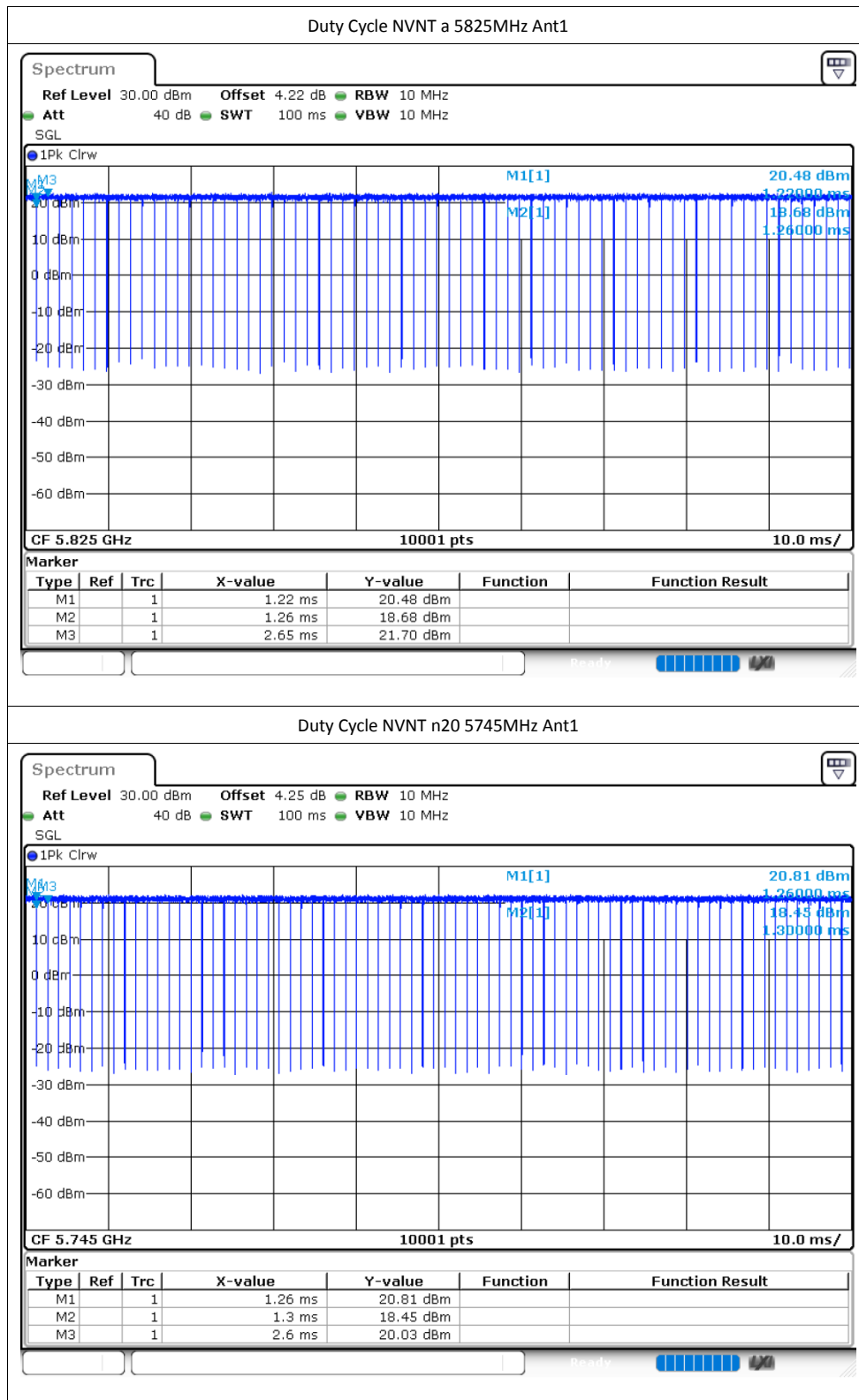
## Test Graphs

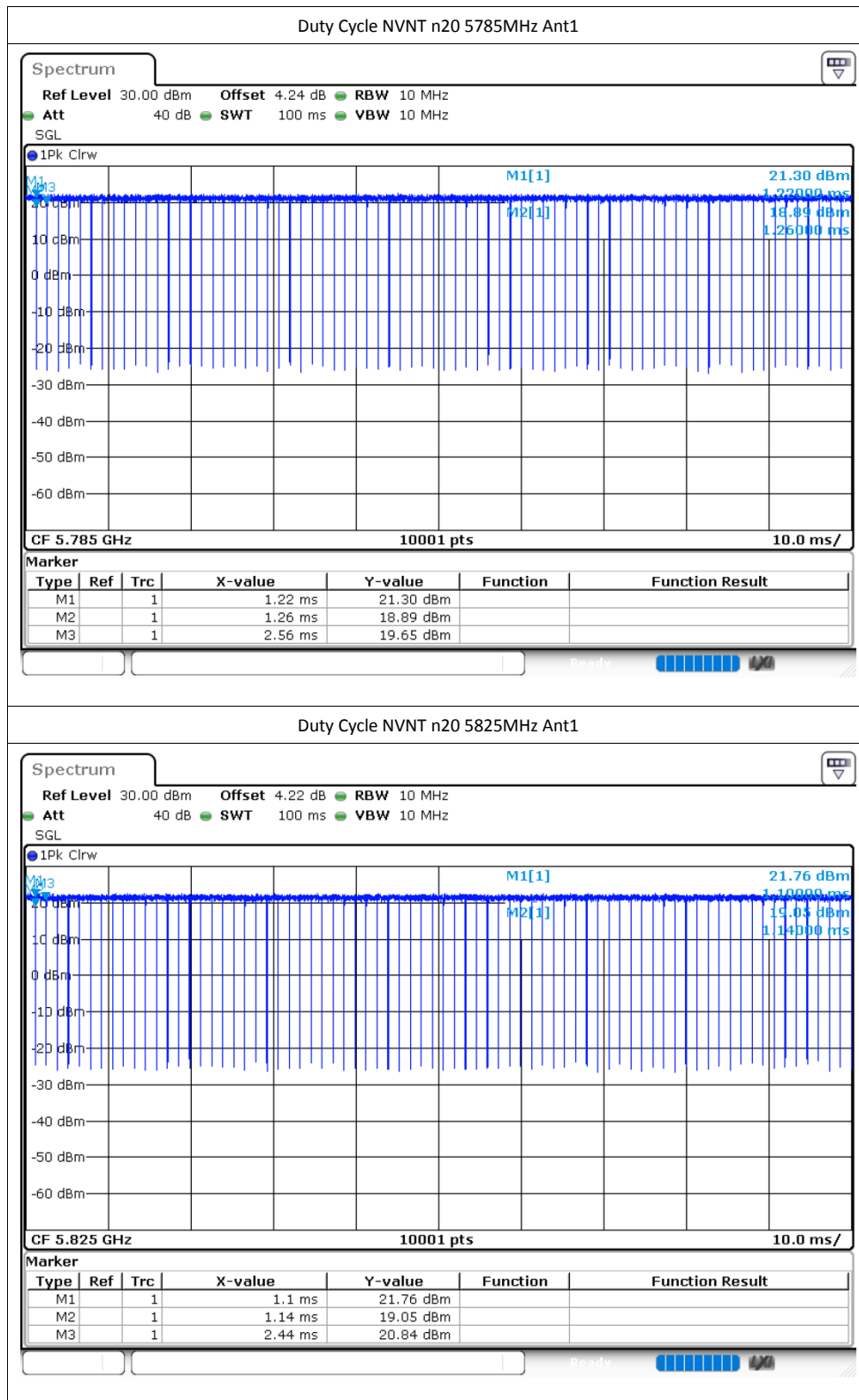
## Duty Cycle NVNT a 5745MHz Ant1

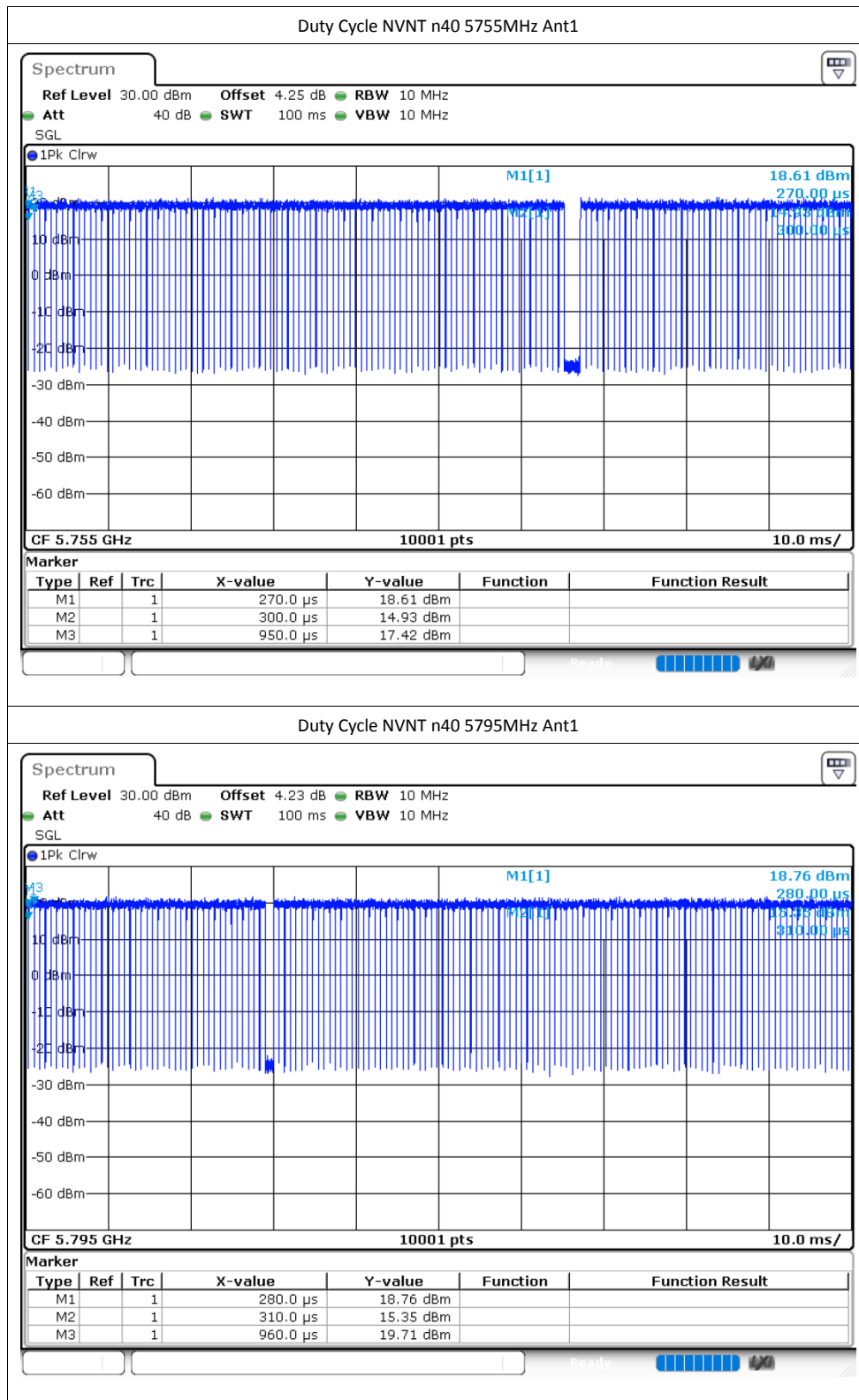


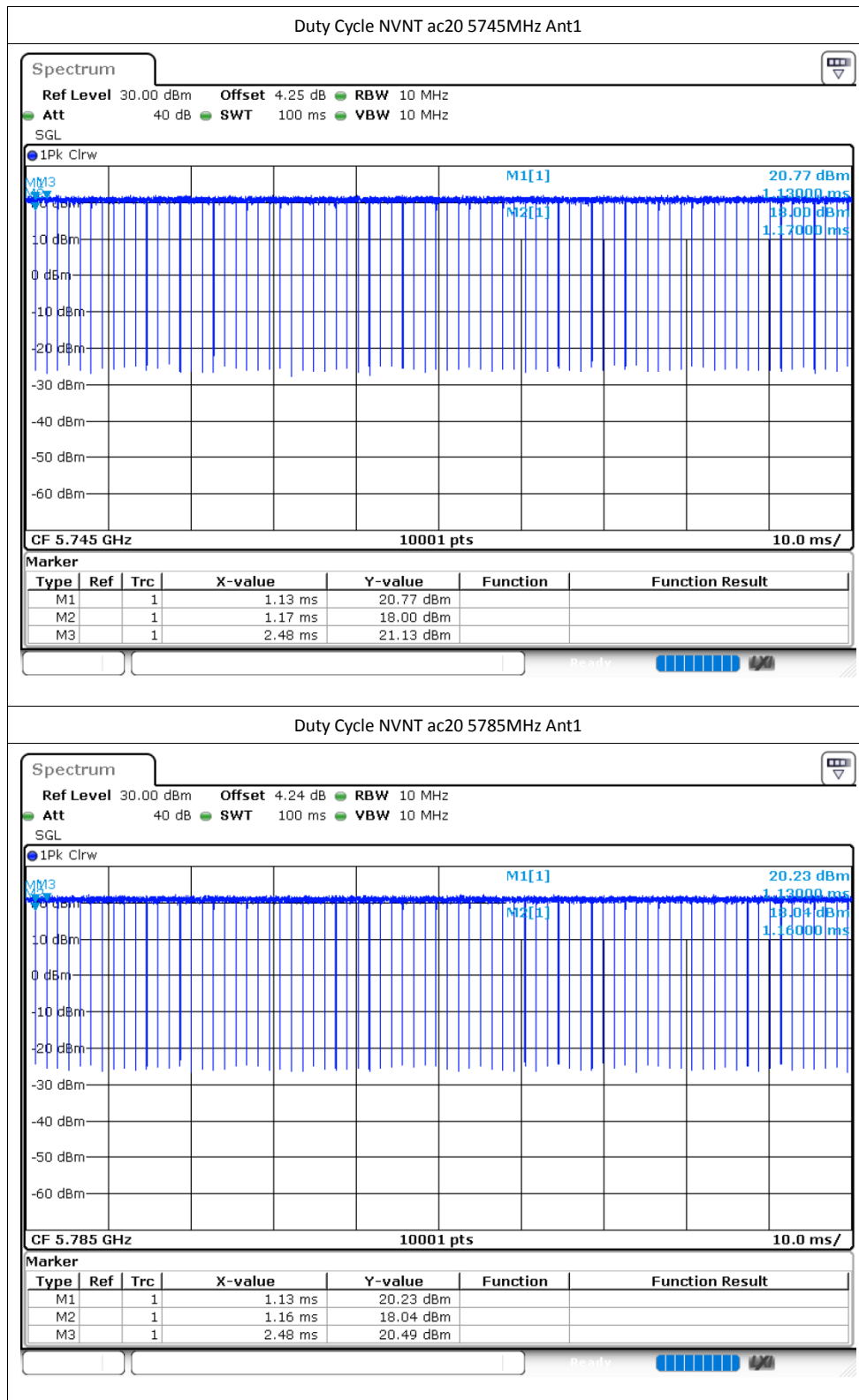
## Duty Cycle NVNT a 5785MHz Ant1

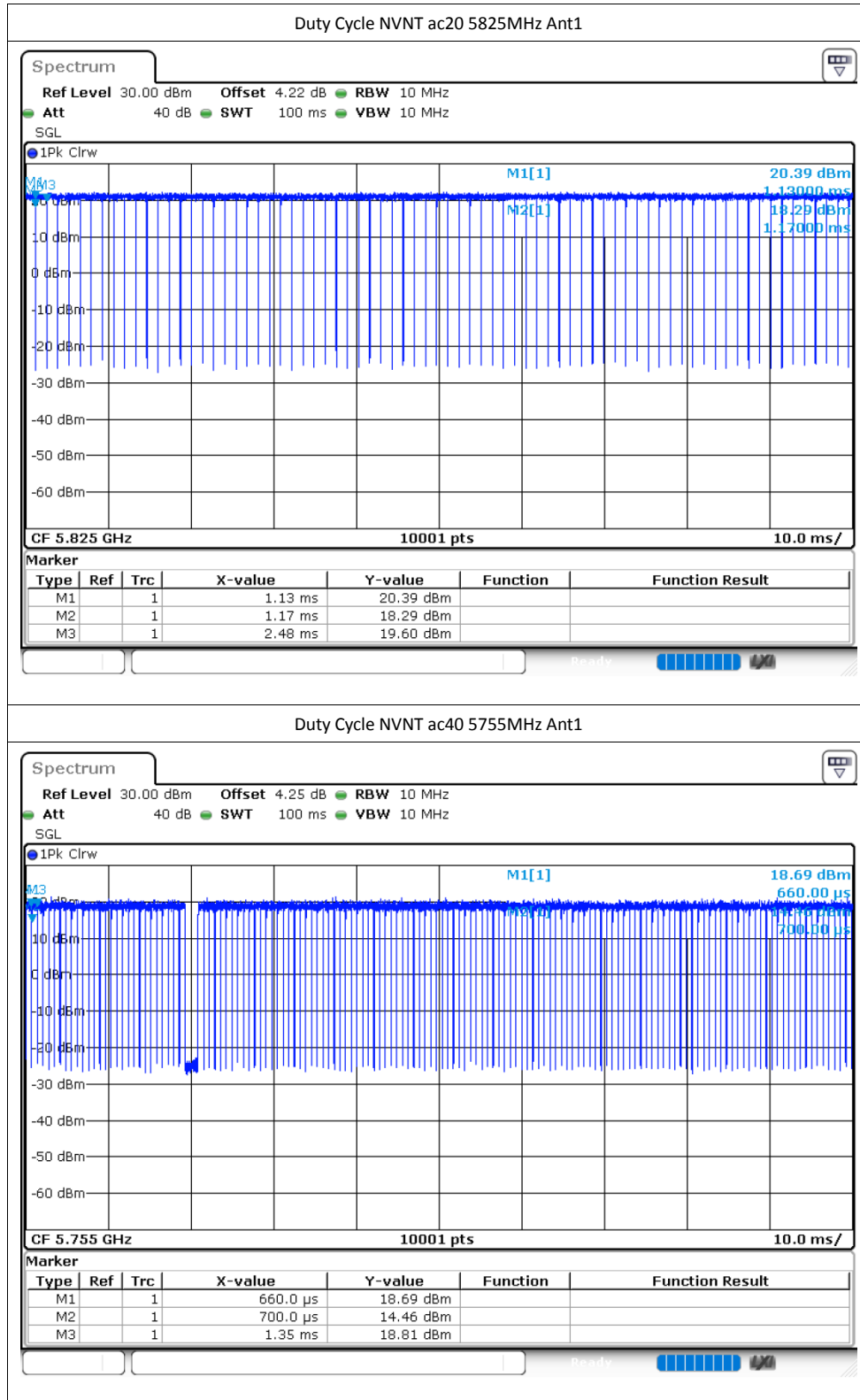


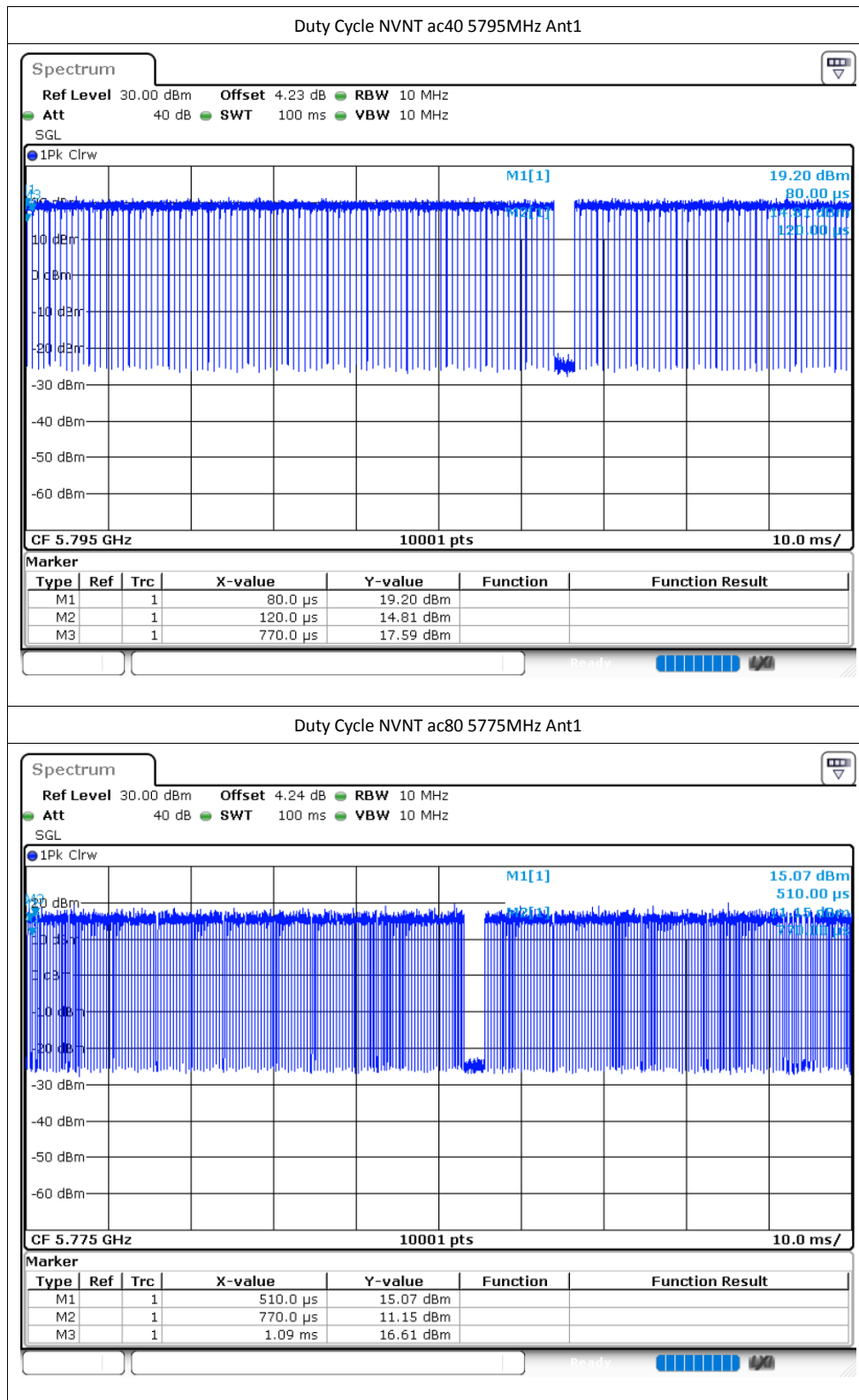












## Maximum Conducted Output Power

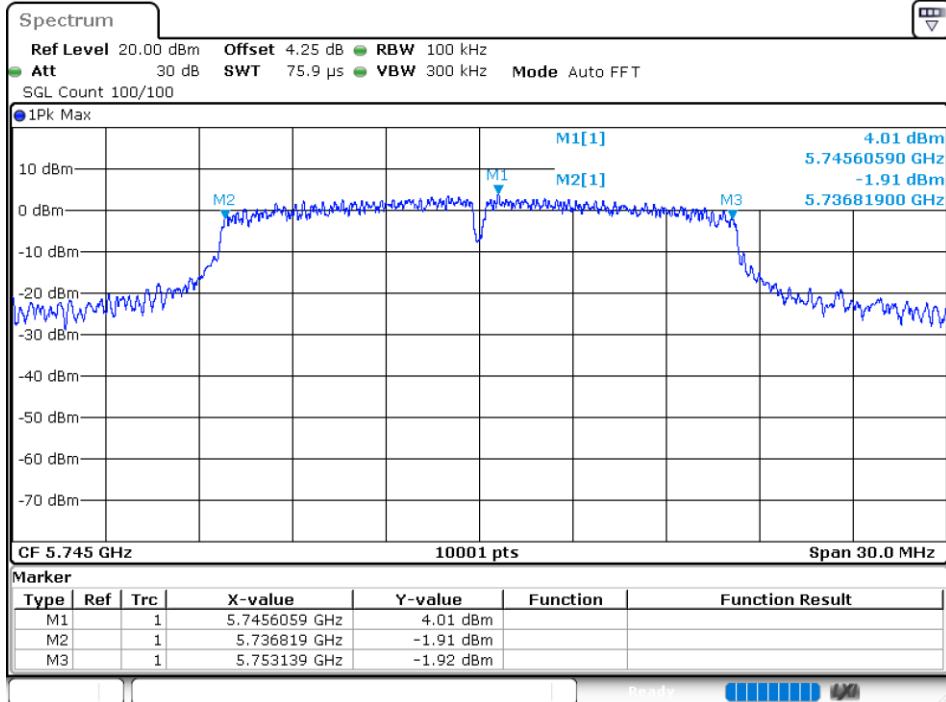
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 17.14                    | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 17.84                    | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 17.4                     | 30             | Pass    |
| NVNT      | n20  | 5745               | Ant1    | 17.05                    | 30             | Pass    |
| NVNT      | n20  | 5785               | Ant1    | 17.72                    | 30             | Pass    |
| NVNT      | n20  | 5825               | Ant1    | 17.59                    | 30             | Pass    |
| NVNT      | n40  | 5755               | Ant1    | 17.67                    | 30             | Pass    |
| NVNT      | n40  | 5795               | Ant1    | 17.4                     | 30             | Pass    |
| NVNT      | ac20 | 5745               | Ant1    | 17.08                    | 30             | Pass    |
| NVNT      | ac20 | 5785               | Ant1    | 17.22                    | 30             | Pass    |
| NVNT      | ac20 | 5825               | Ant1    | 17.26                    | 30             | Pass    |
| NVNT      | ac40 | 5755               | Ant1    | 17.08                    | 30             | Pass    |
| NVNT      | ac40 | 5795               | Ant1    | 17.34                    | 30             | Pass    |
| NVNT      | ac80 | 5775               | Ant1    | 17.26                    | 30             | Pass    |

## -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.32                 | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 13.227                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 14.43                 | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.562                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 14.976                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 15.177                | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 35.1                  | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 31.044                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 12.654                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.589                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 11.964                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 32.604                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.076                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.096                | 0.5                         | Pass    |

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1

