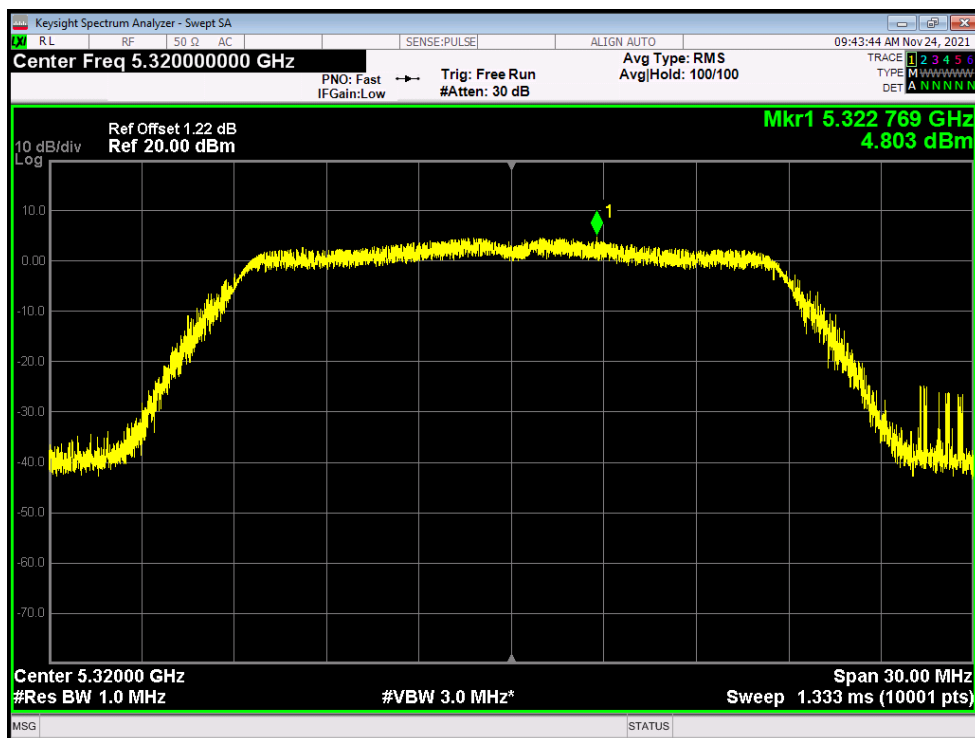
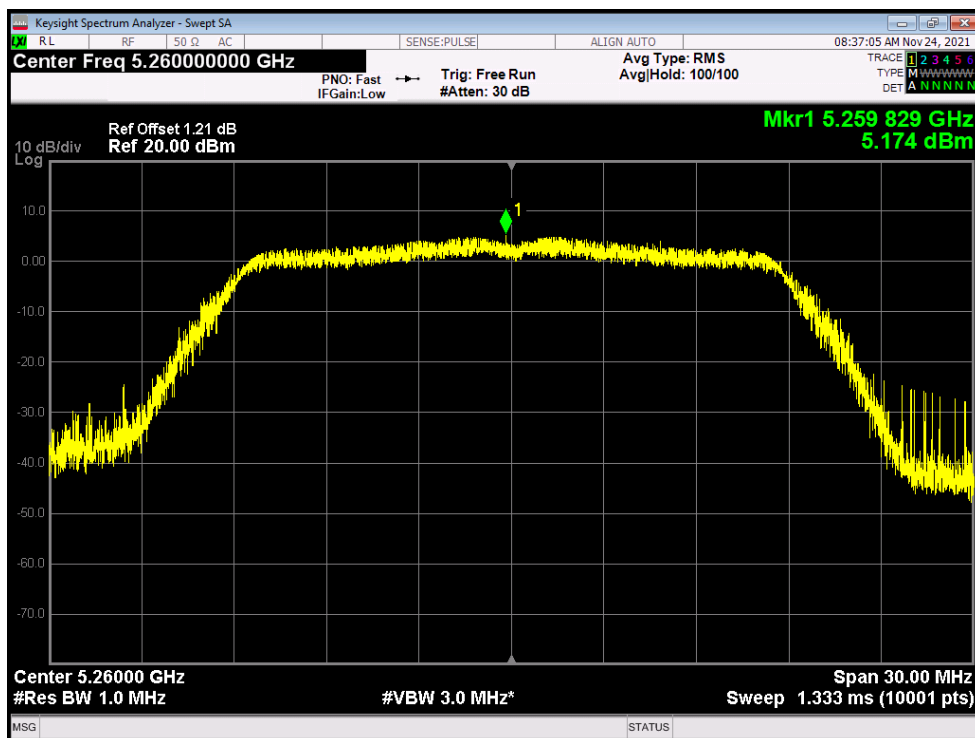


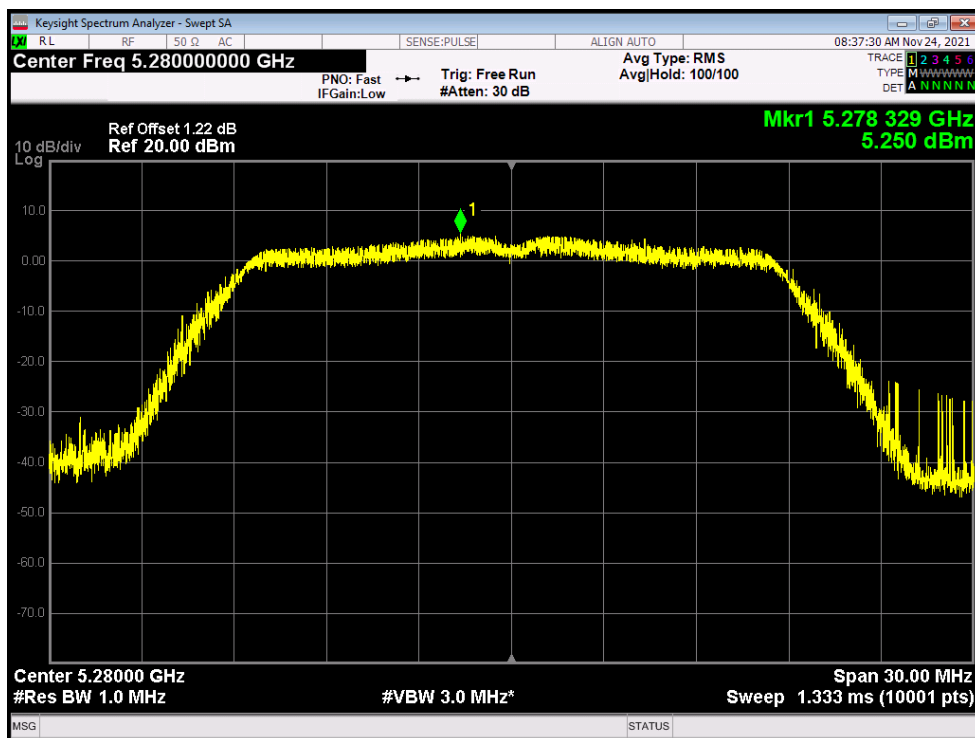
PSD NVNT n20 5320MHz Ant1



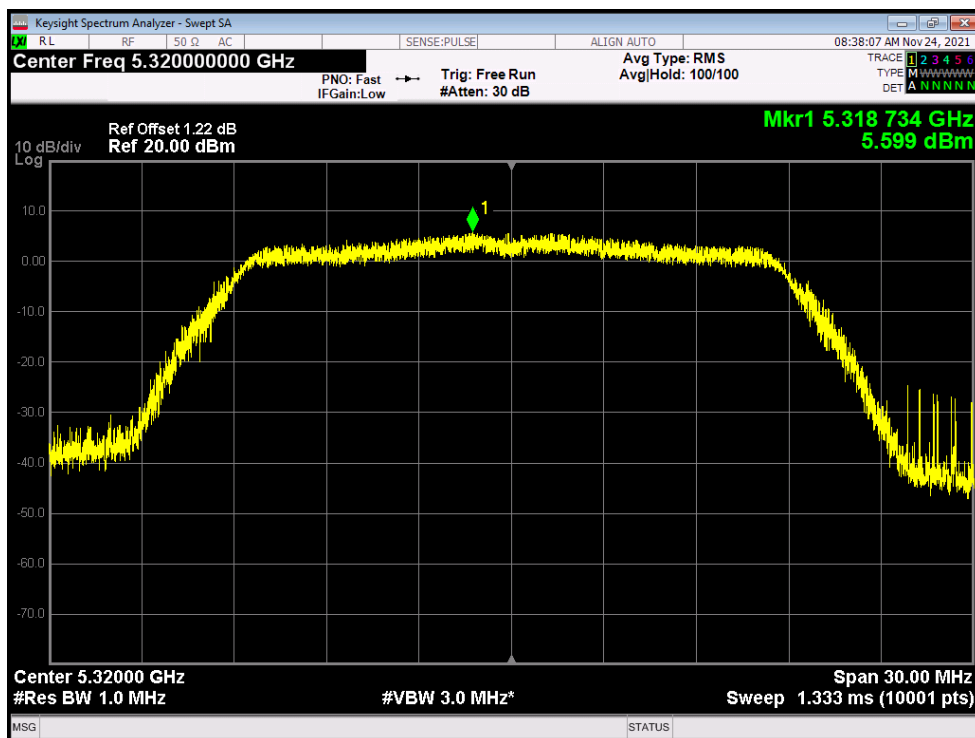
PSD NVNT n20 5260MHz Ant2



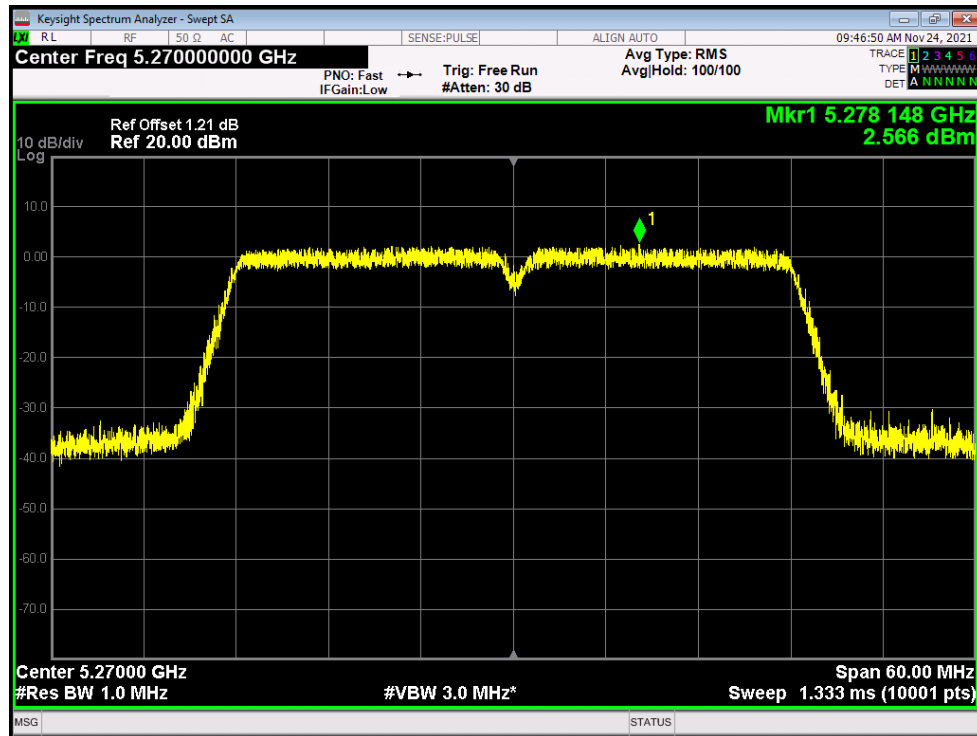
PSD NVNT n20 5280MHz Ant2



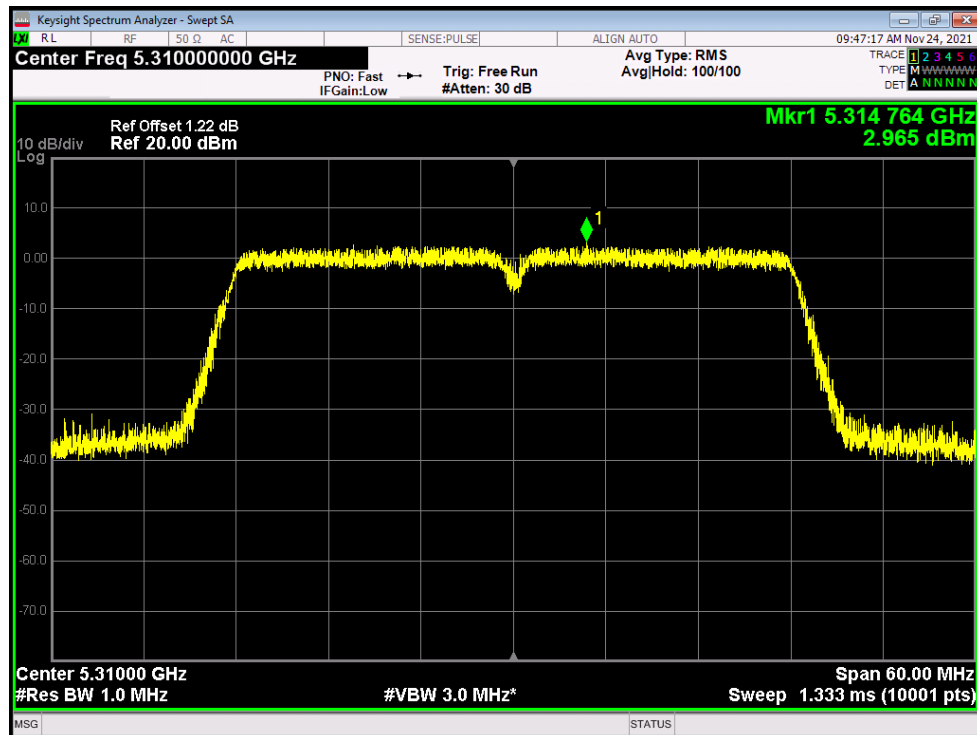
PSD NVNT n20 5320MHz Ant2



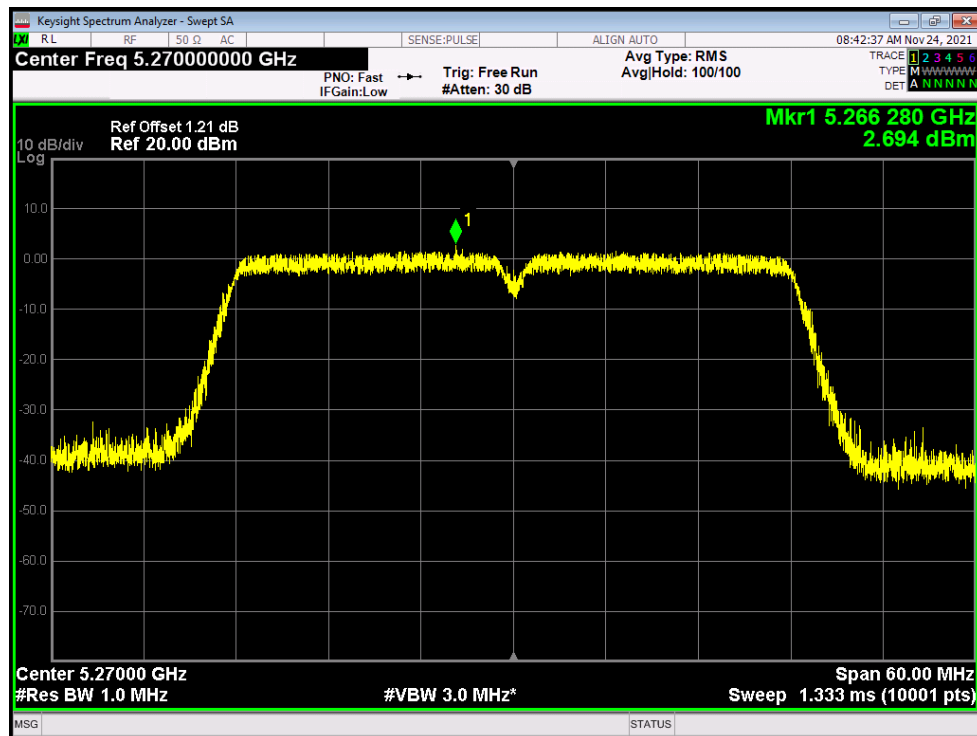
PSD NVNT n40 5270MHz Ant1



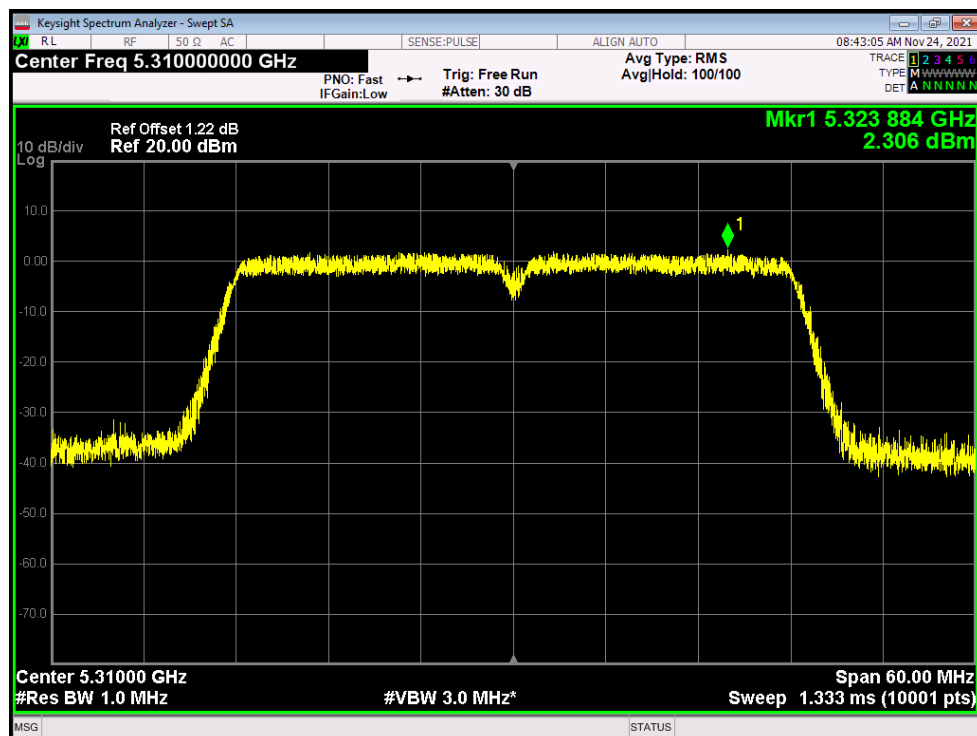
PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5270MHz Ant2



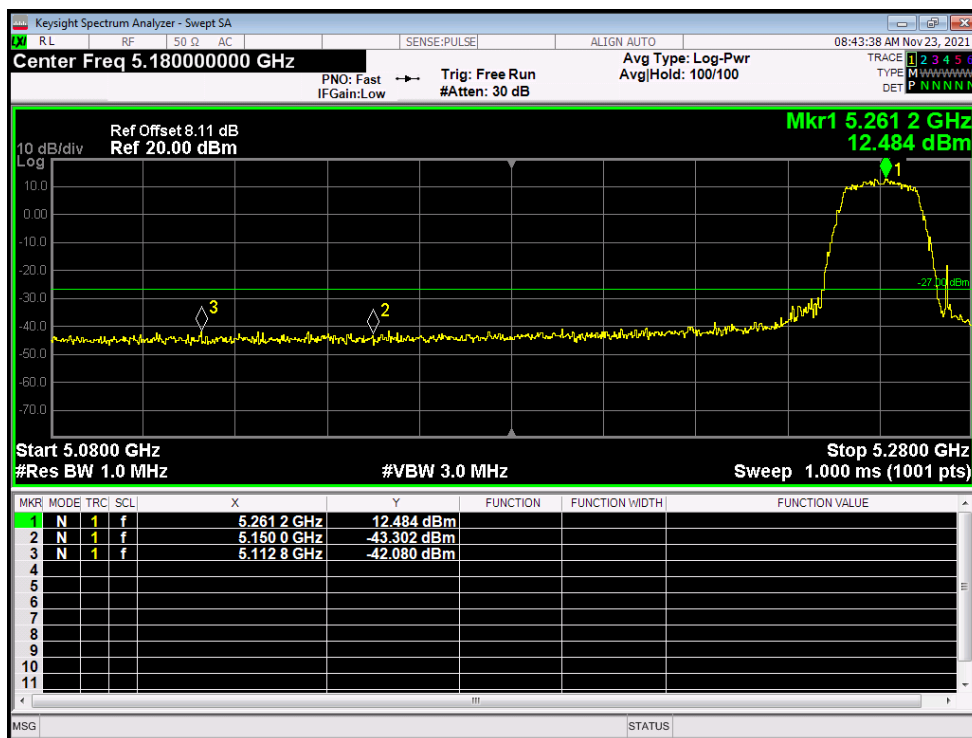
PSD NVNT n40 5310MHz Ant2



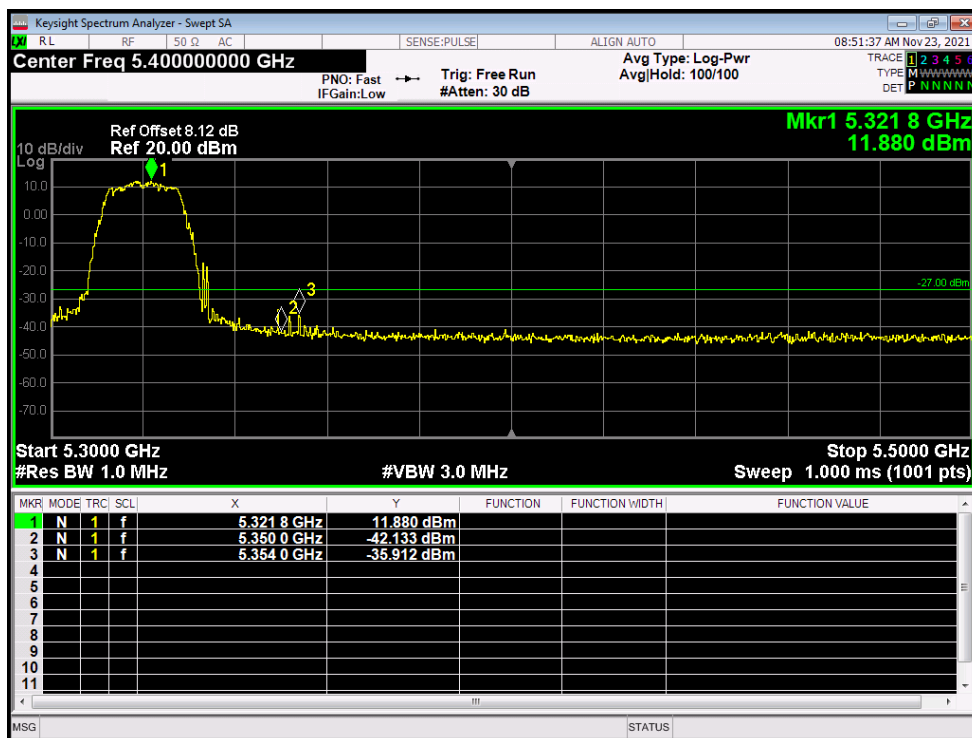
## Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | -42.08          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant1    | -35.91          | -27         | Pass    |
| NVNT      | a    | 5260            | Ant2    | -41.96          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant2    | -33.86          | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -48.69          | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -38.52          | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant2    | -48.63          | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant2    | -38.4           | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -44.09          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -31.07          | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant2    | -44.21          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant2    | -30.7           | -27         | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | -38.5           | -27         | Pass    |
| NVNT      | ac80 | 5290            | Ant2    | -38.81          | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant1    | -42.16          | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant1    | -34.14          | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant2    | -42.74          | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant2    | -35.22          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -41.06          | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -31.44          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant2    | -41.31          | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant2    | -30.97          | -27         | Pass    |

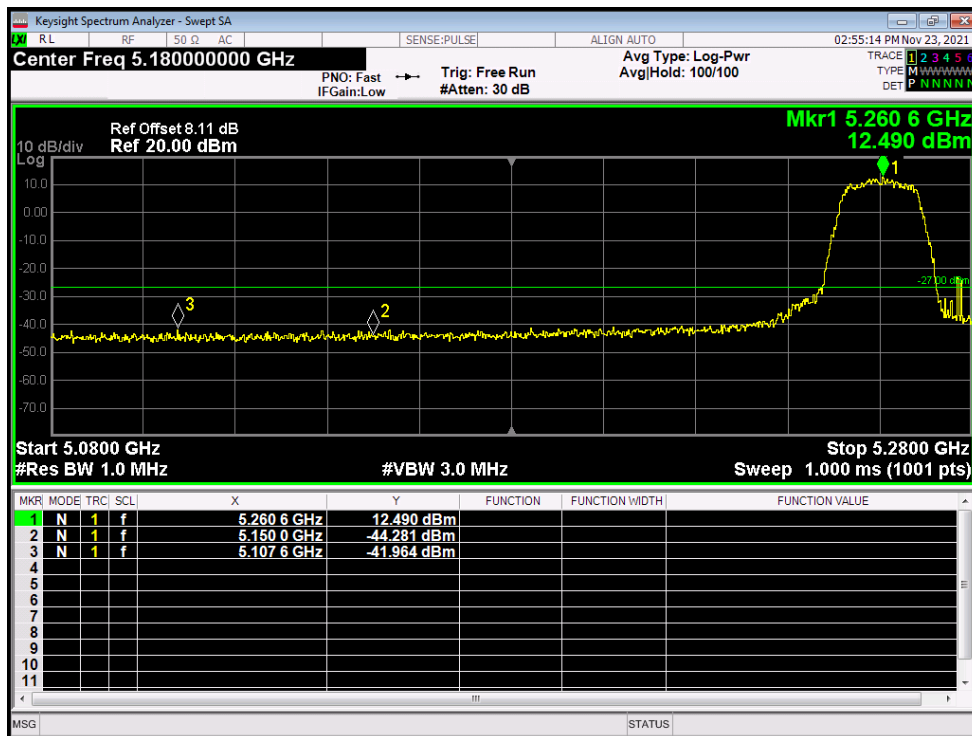
Band Edge NVNT a 5260MHz Low Ant1



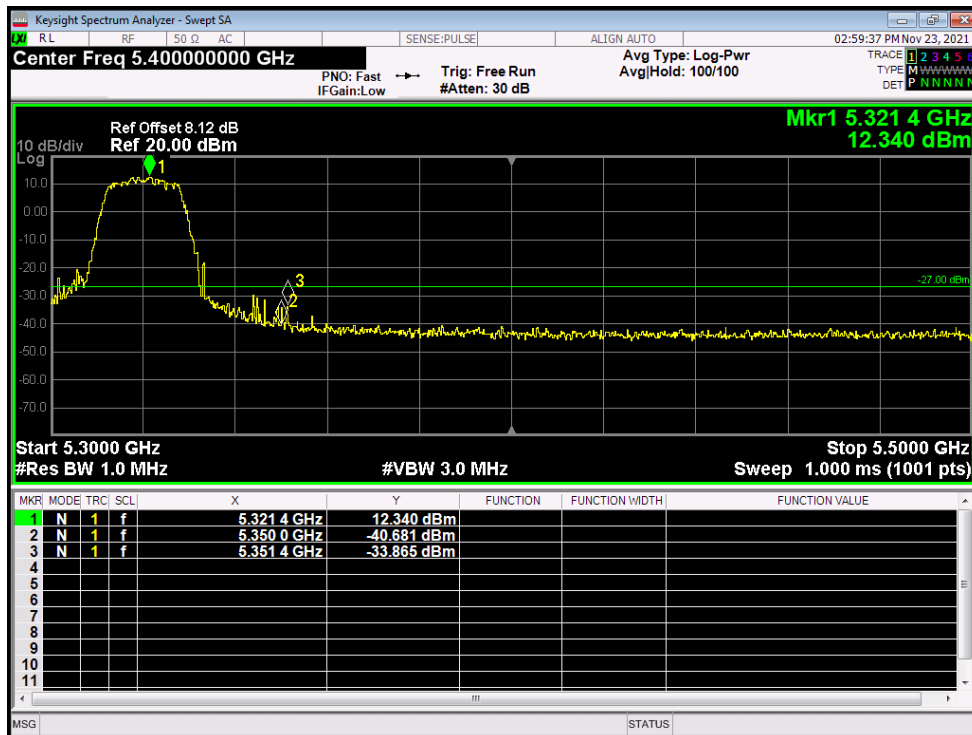
Band Edge NVNT a 5320MHz High Ant1



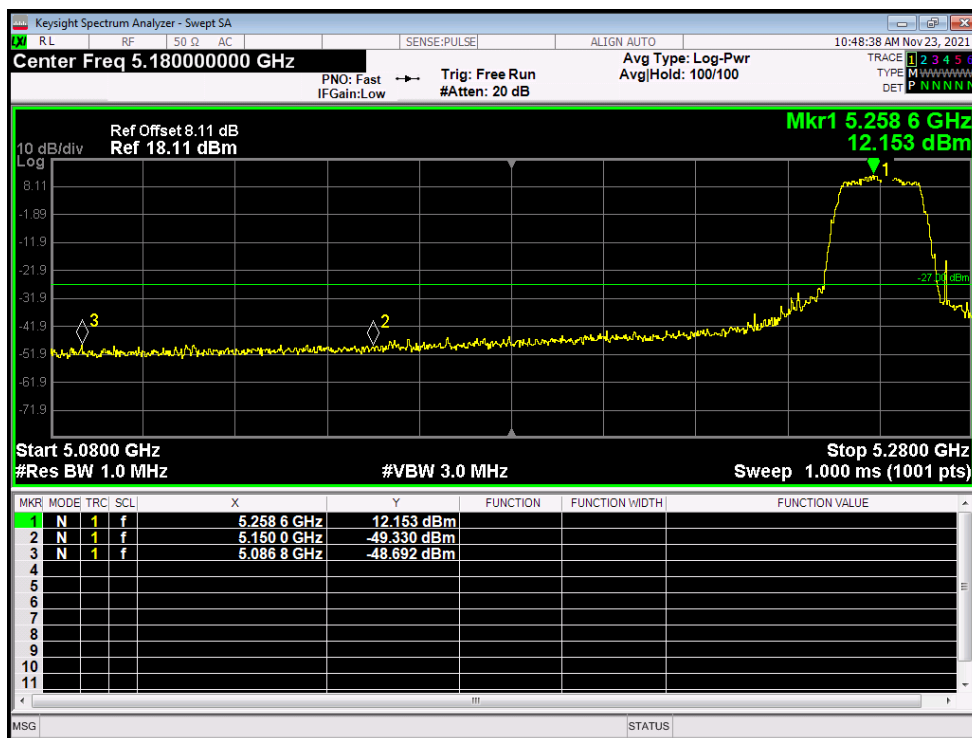
Band Edge NVNT a 5260MHz Low Ant2



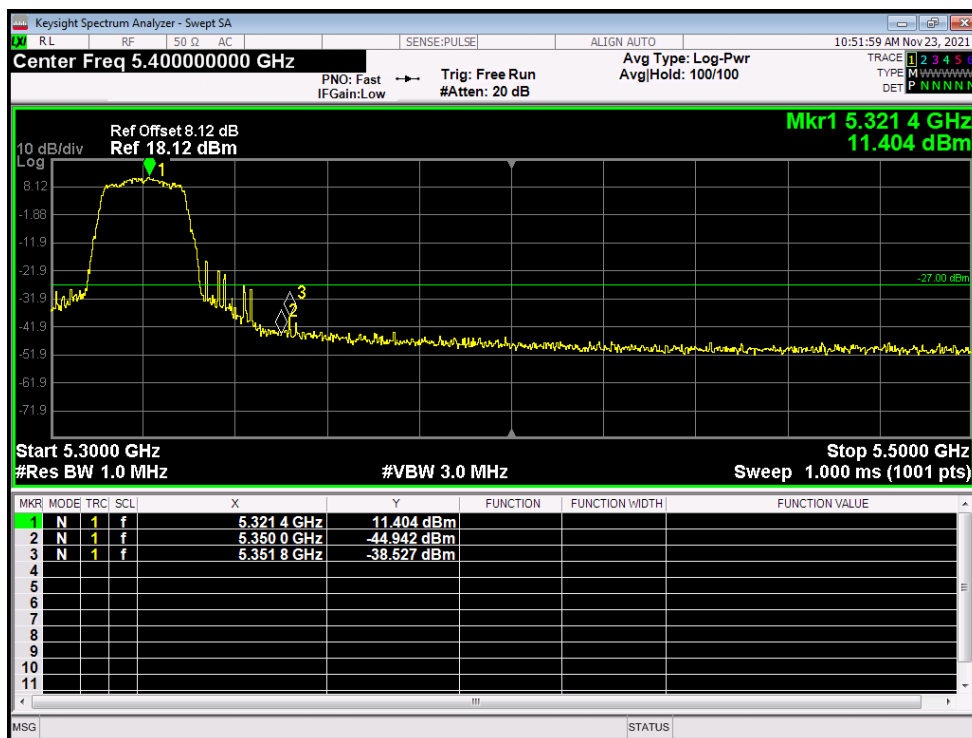
Band Edge NVNT a 5320MHz High Ant2



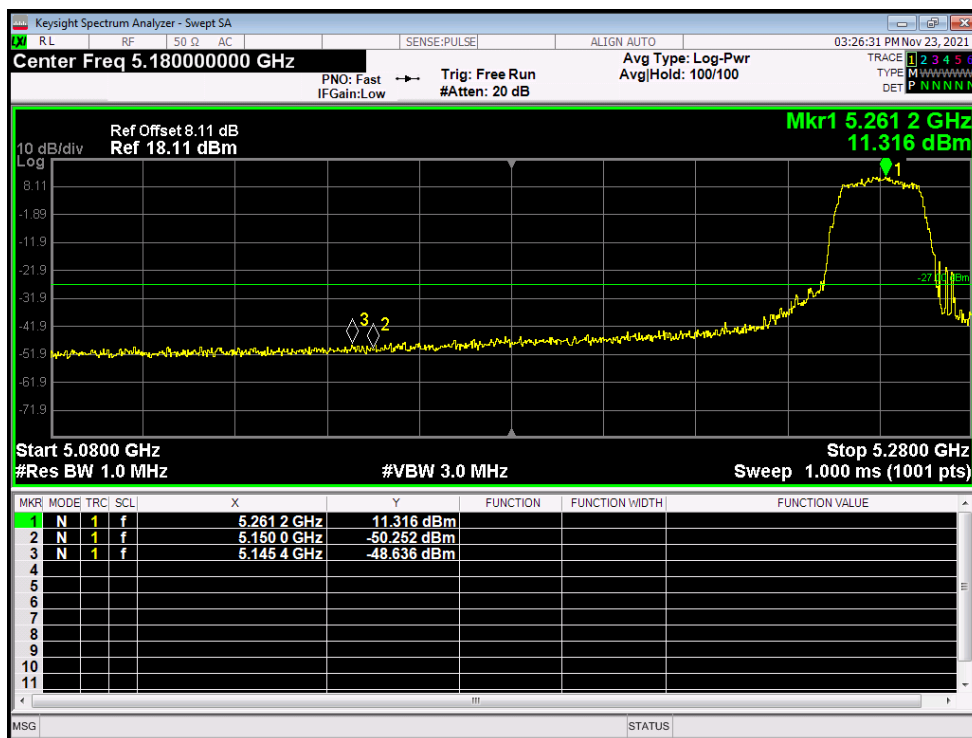
Band Edge NVNT ac20 5260MHz Low Ant1



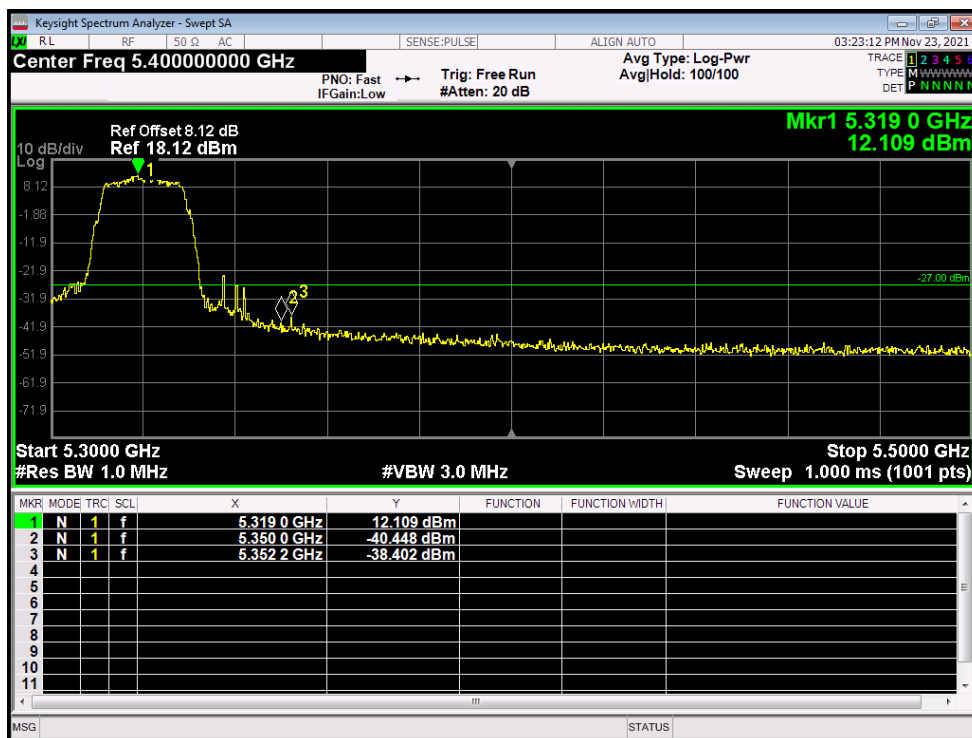
Band Edge NVNT ac20 5320MHz High Ant1



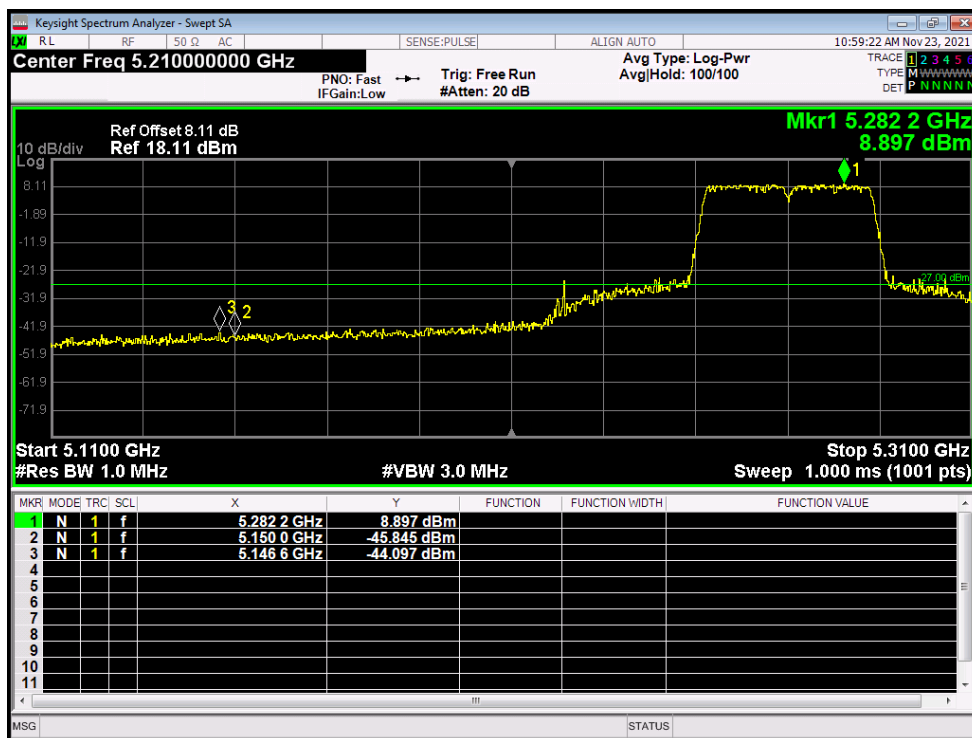
Band Edge NVNT ac20 5260MHz Low Ant2



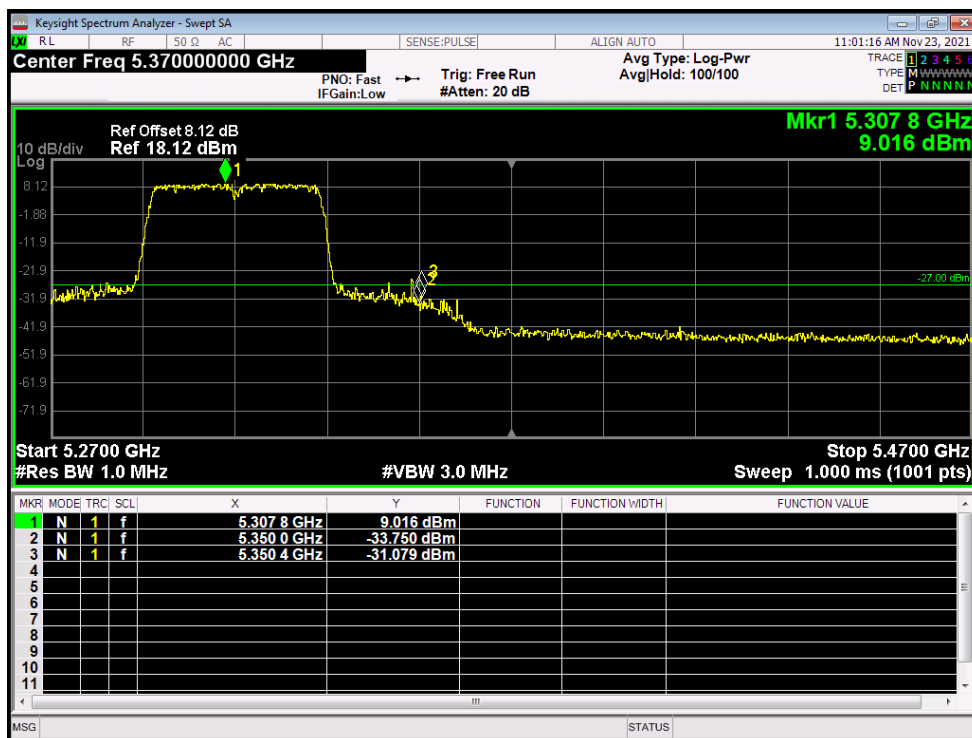
Band Edge NVNT ac20 5320MHz High Ant2



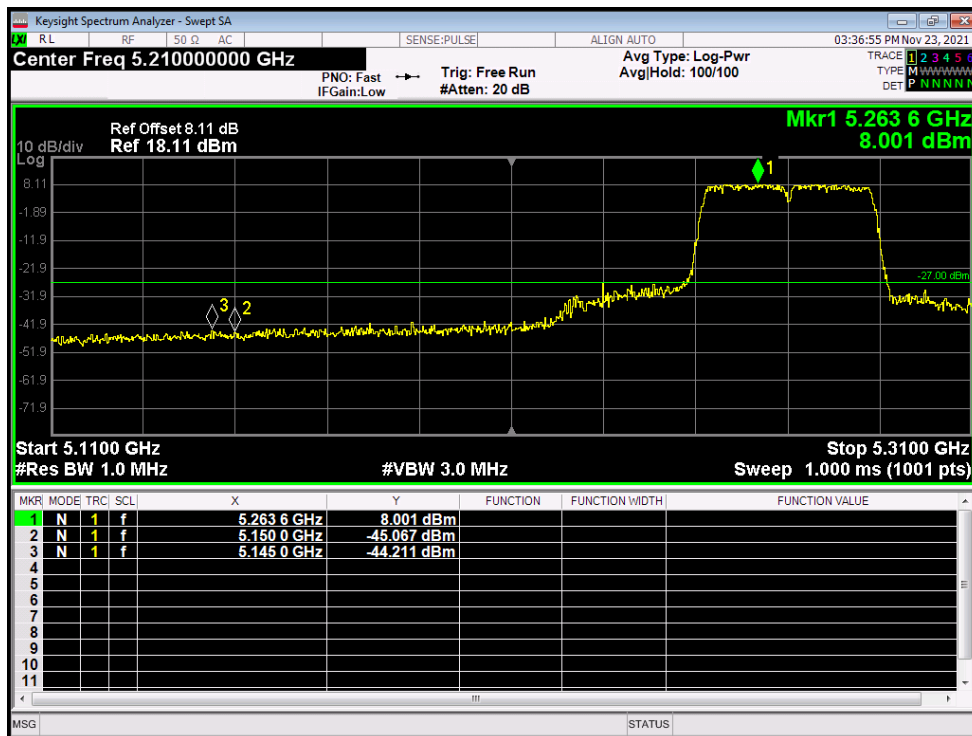
Band Edge NVNT ac40 5270MHz Low Ant1



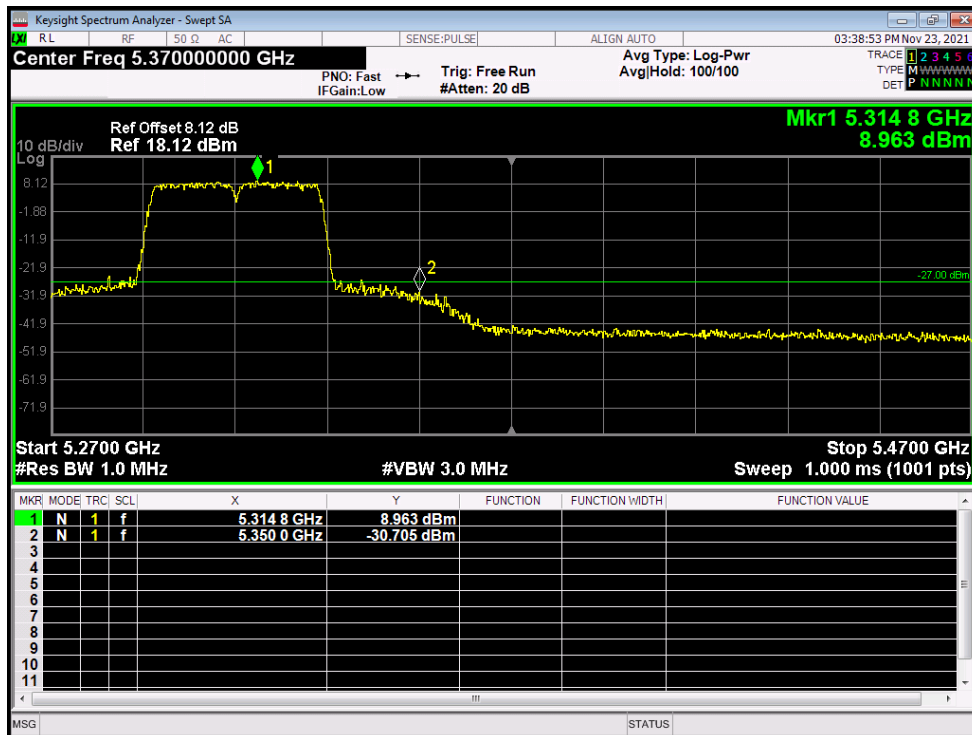
Band Edge NVNT ac40 5310MHz High Ant1



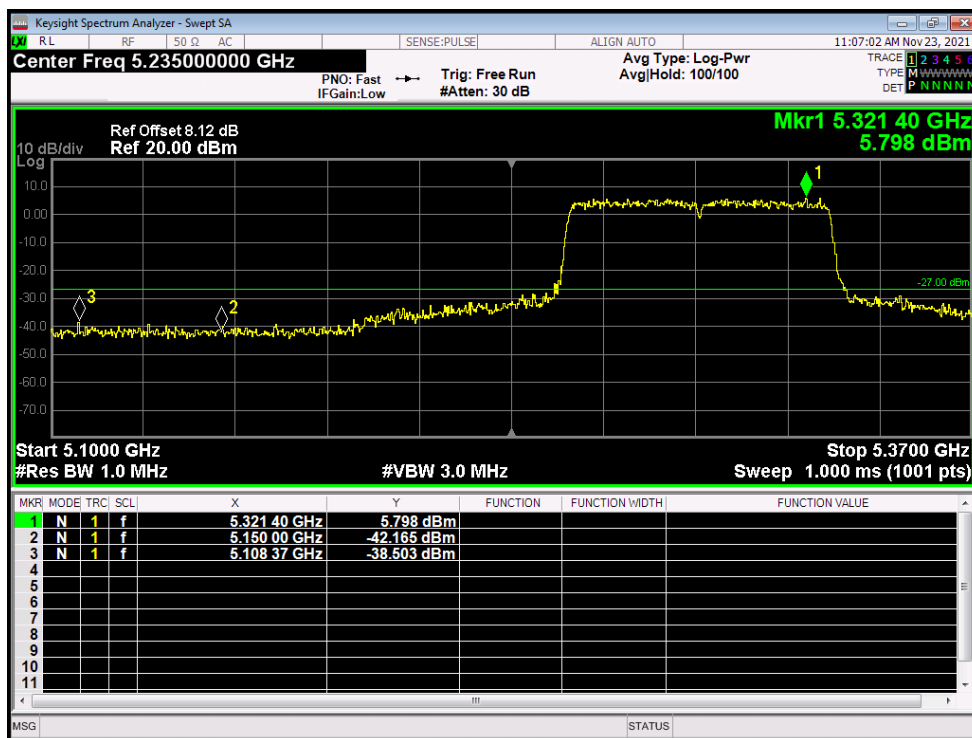
Band Edge NVNT ac40 5270MHz Low Ant2



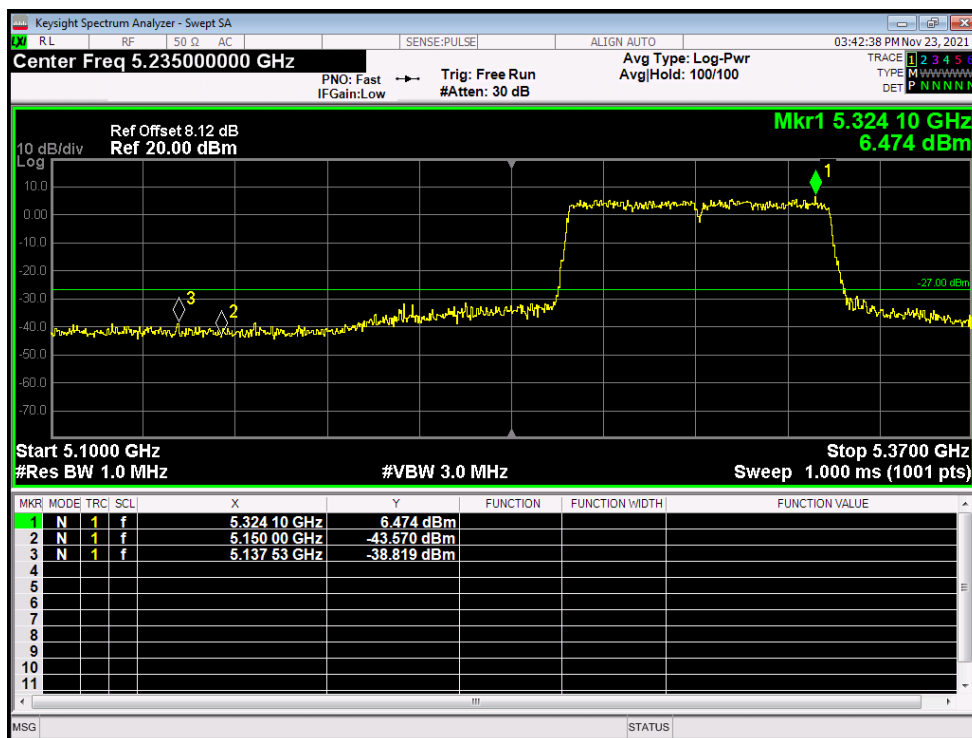
Band Edge NVNT ac40 5310MHz High Ant2



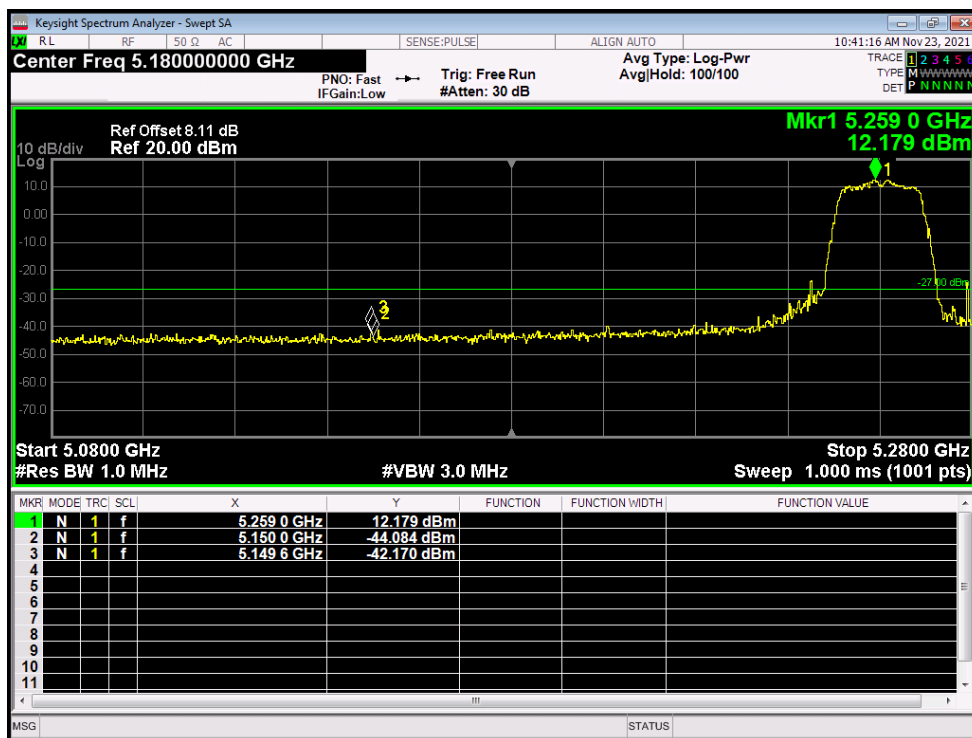
Band Edge NVNT ac80 5290MHz Low Ant1



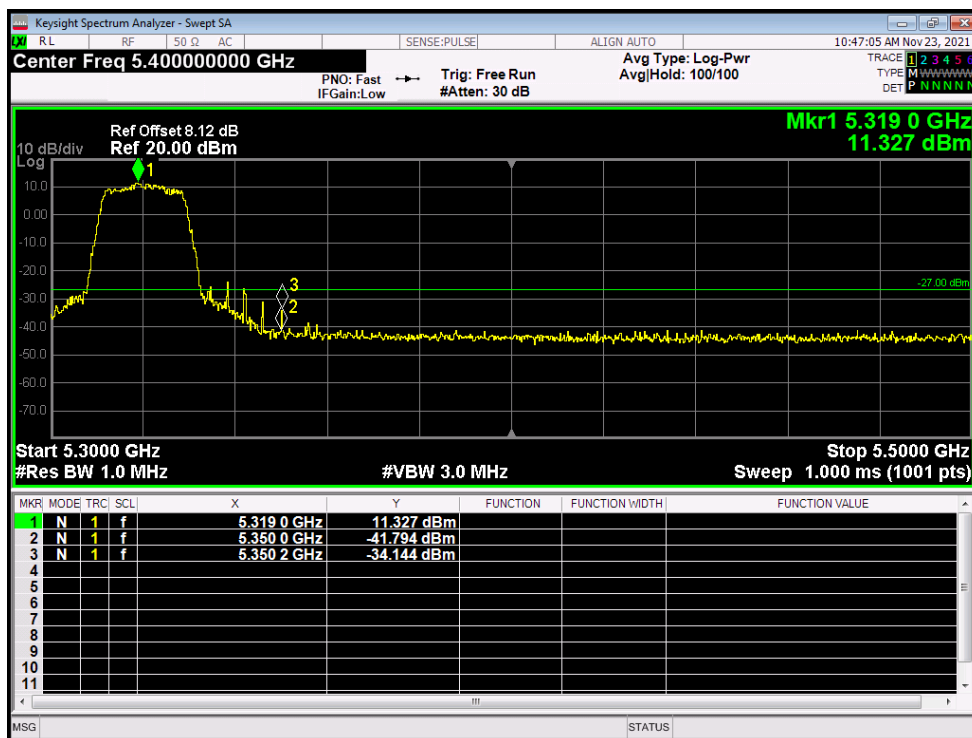
Band Edge NVNT ac80 5290MHz Low Ant2



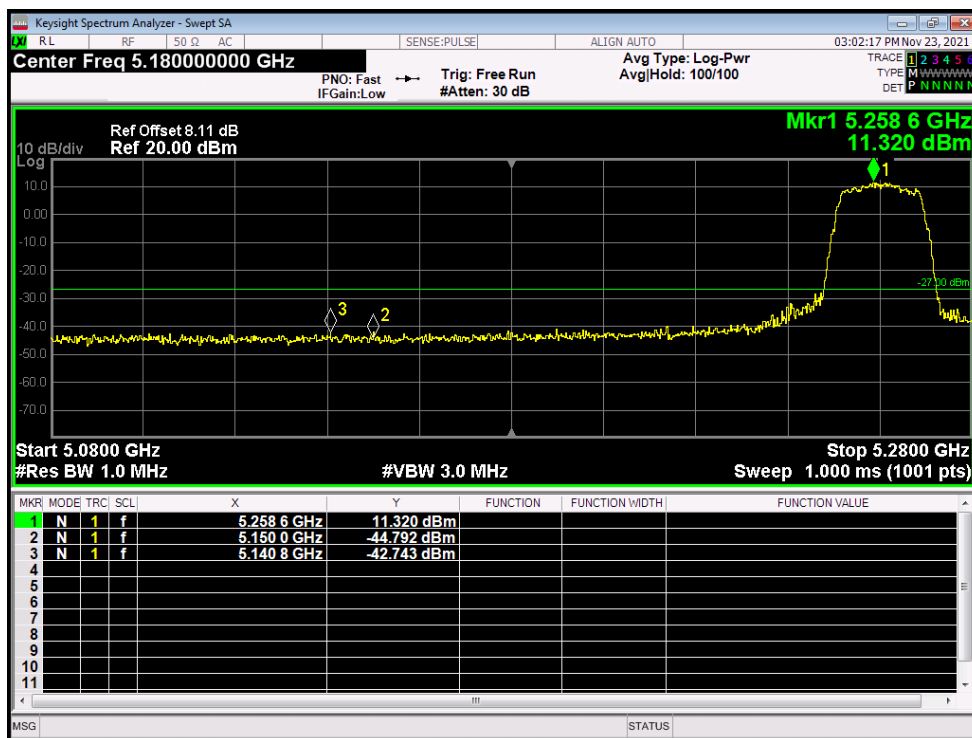
Band Edge NVNT n20 5260MHz Low Ant1



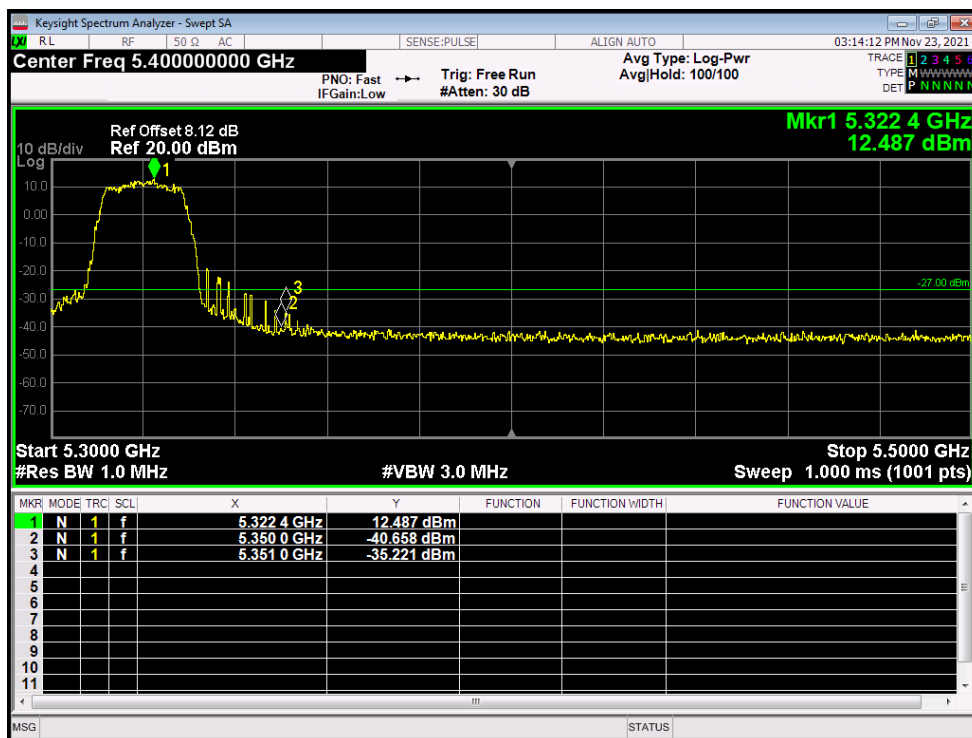
Band Edge NVNT n20 5320MHz High Ant1



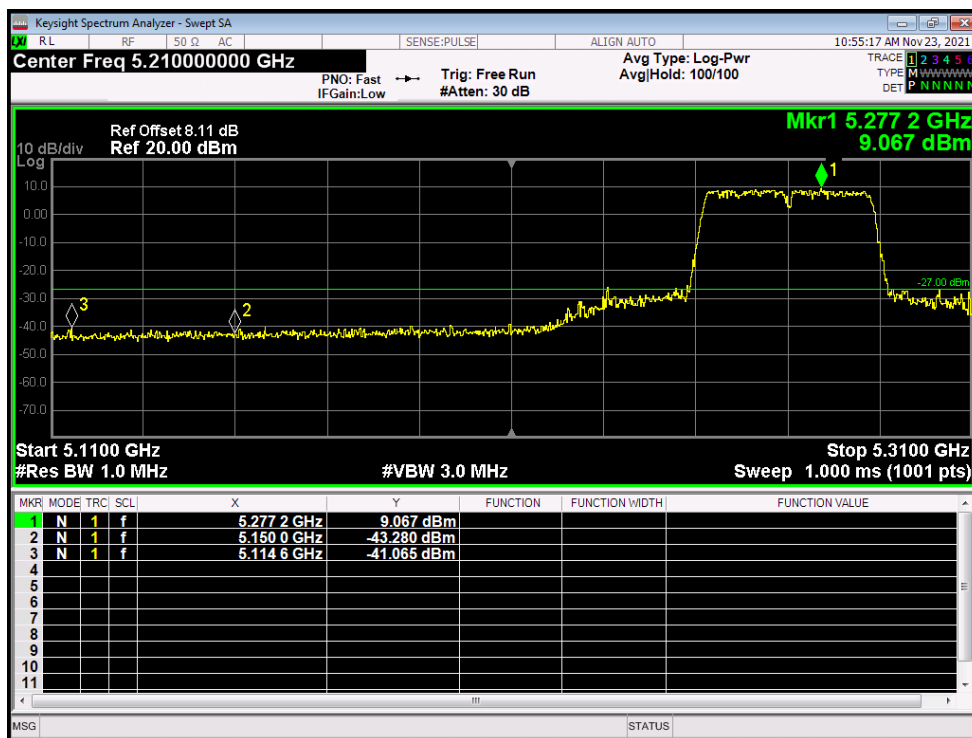
Band Edge NVNT n20 5260MHz Low Ant2



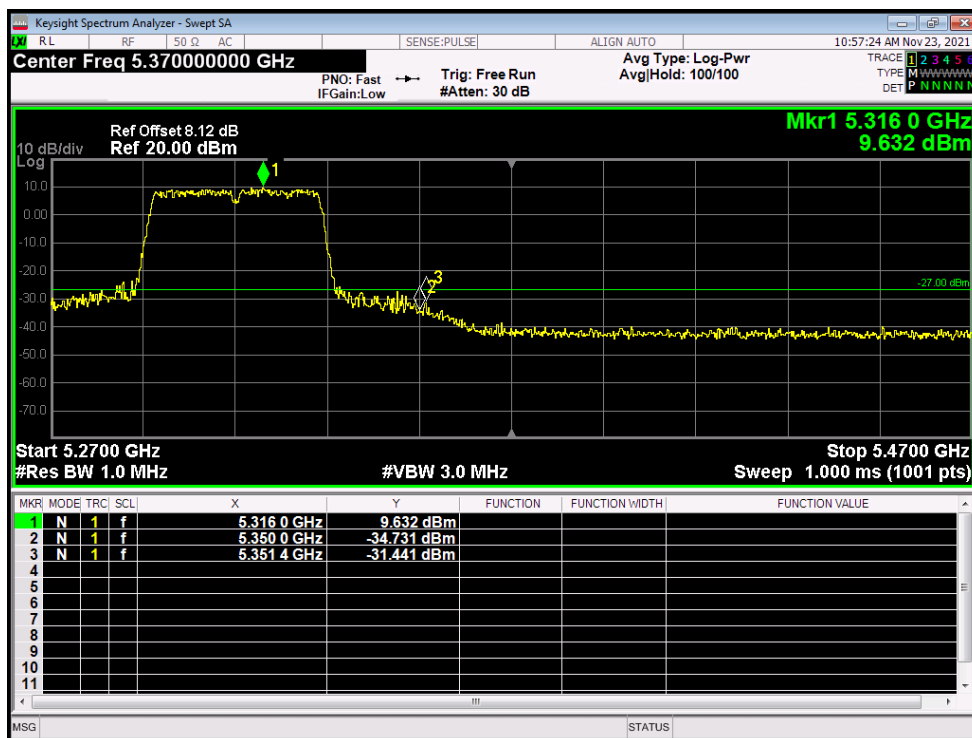
Band Edge NVNT n20 5320MHz High Ant2



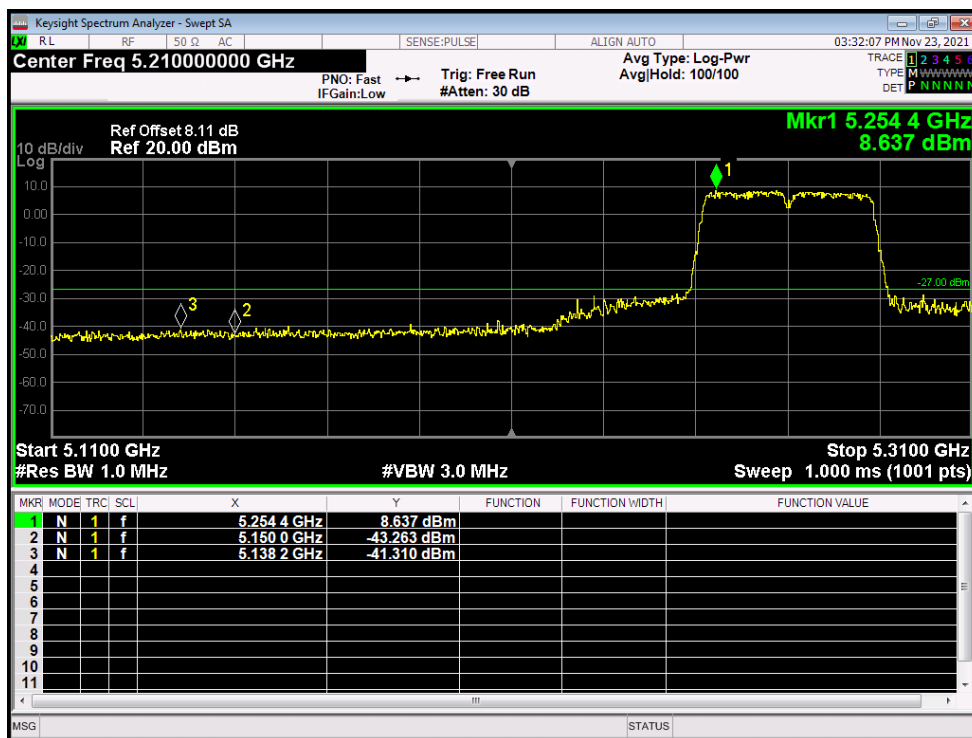
Band Edge NVNT n40 5270MHz Low Ant1



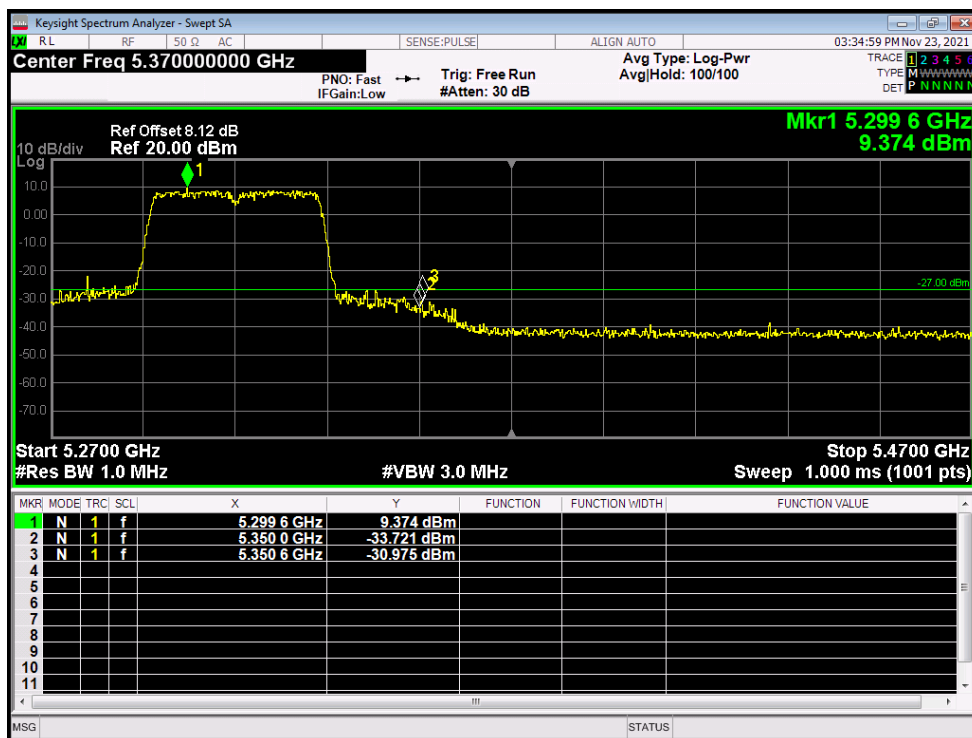
Band Edge NVNT n40 5310MHz High Ant1



Band Edge NVNT n40 5270MHz Low Ant2



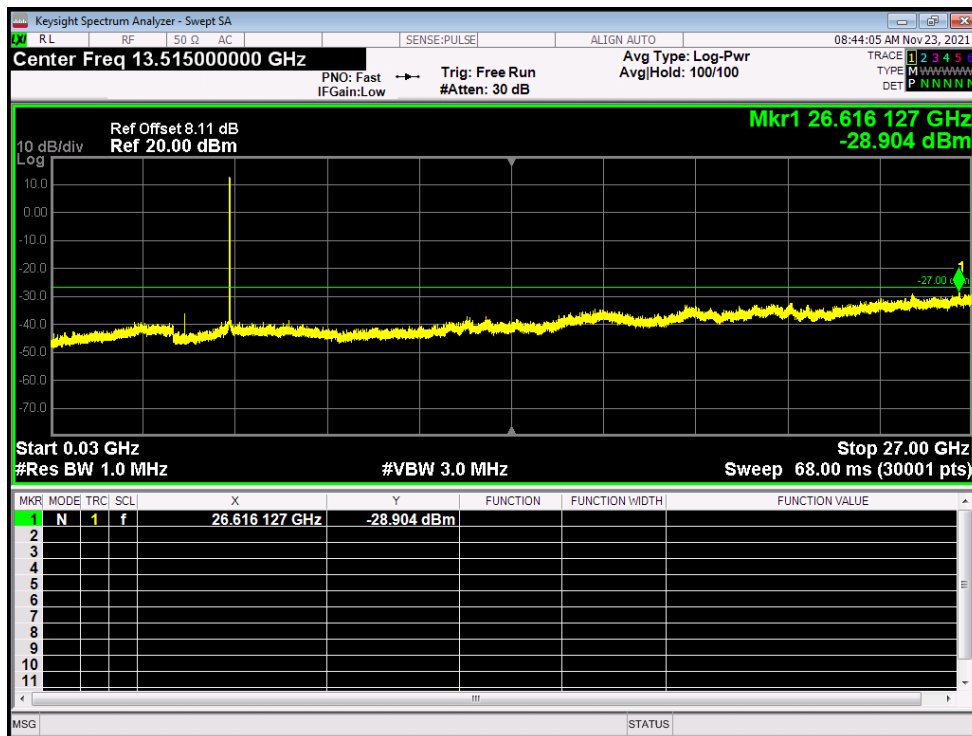
Band Edge NVNT n40 5310MHz High Ant2



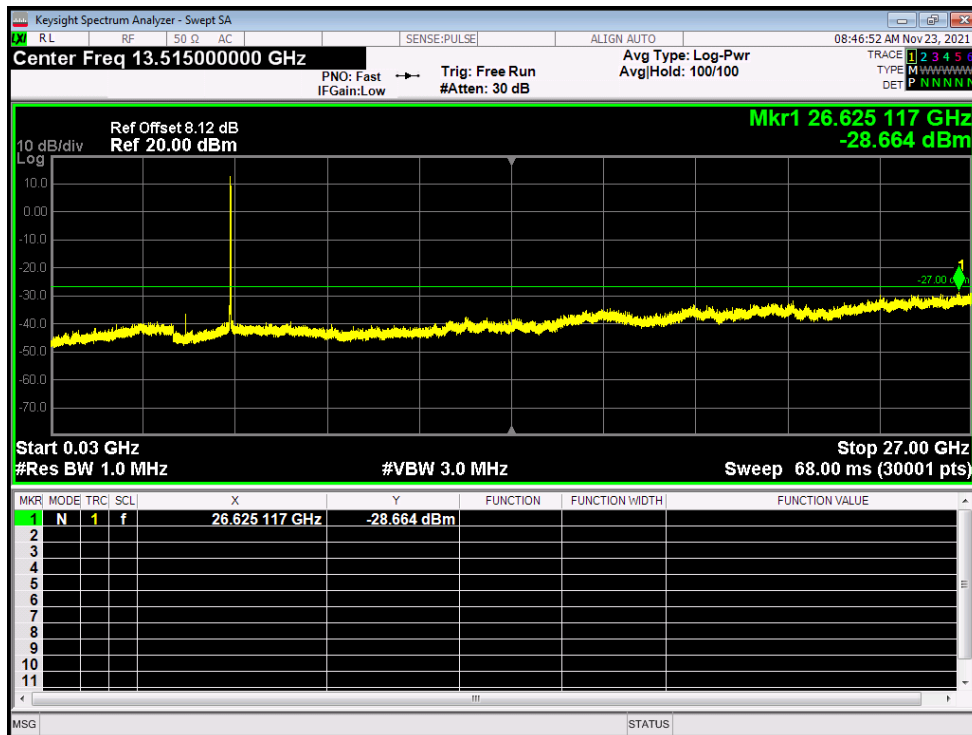
## Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | -28.9           | -27         | Pass    |
| NVNT      | a    | 5280            | Ant1    | -28.66          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant1    | -29.23          | -27         | Pass    |
| NVNT      | a    | 5260            | Ant2    | -28.57          | -27         | Pass    |
| NVNT      | a    | 5280            | Ant2    | -28.06          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant2    | -28.9           | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -28.95          | -27         | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | -29.43          | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -28.63          | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant2    | -28.94          | -27         | Pass    |
| NVNT      | ac20 | 5280            | Ant2    | -28.45          | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant2    | -28.65          | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -28.32          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -28.94          | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant2    | -28.94          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant2    | -28.64          | -27         | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | -29.09          | -27         | Pass    |
| NVNT      | ac80 | 5290            | Ant2    | -28.81          | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant1    | -28.21          | -27         | Pass    |
| NVNT      | n20  | 5280            | Ant1    | -28.91          | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant1    | -29.53          | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant2    | -28.76          | -27         | Pass    |
| NVNT      | n20  | 5280            | Ant2    | -28.75          | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant2    | -28.73          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -28.86          | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -28.43          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant2    | -28.14          | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant2    | -28.21          | -27         | Pass    |

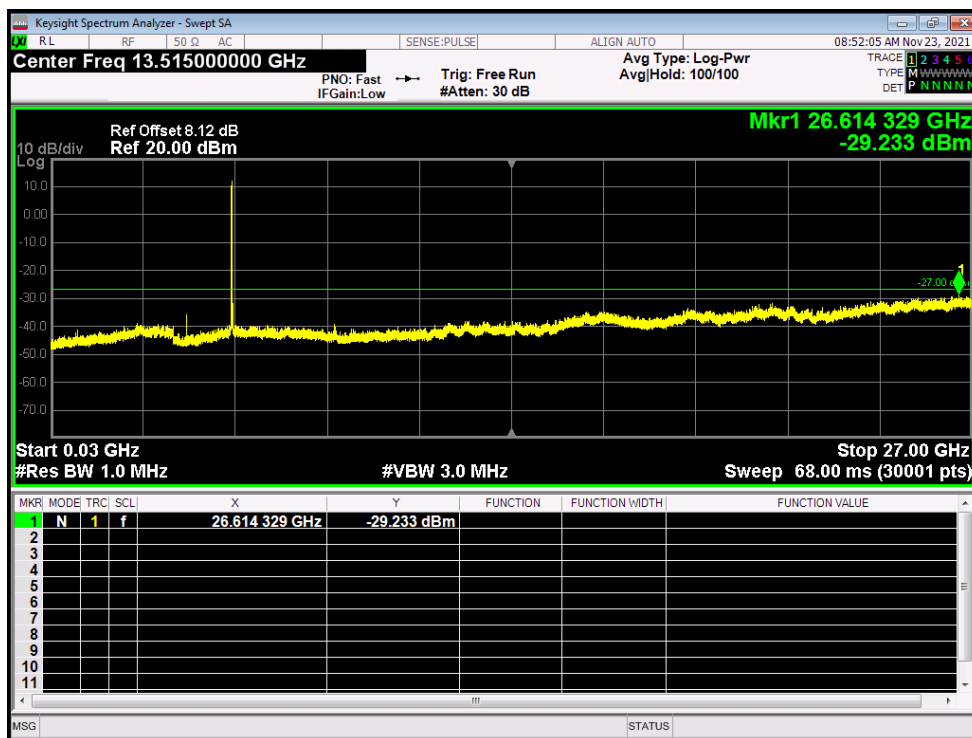
Tx. Spurious NVNT a 5260MHz Ant1 Emission



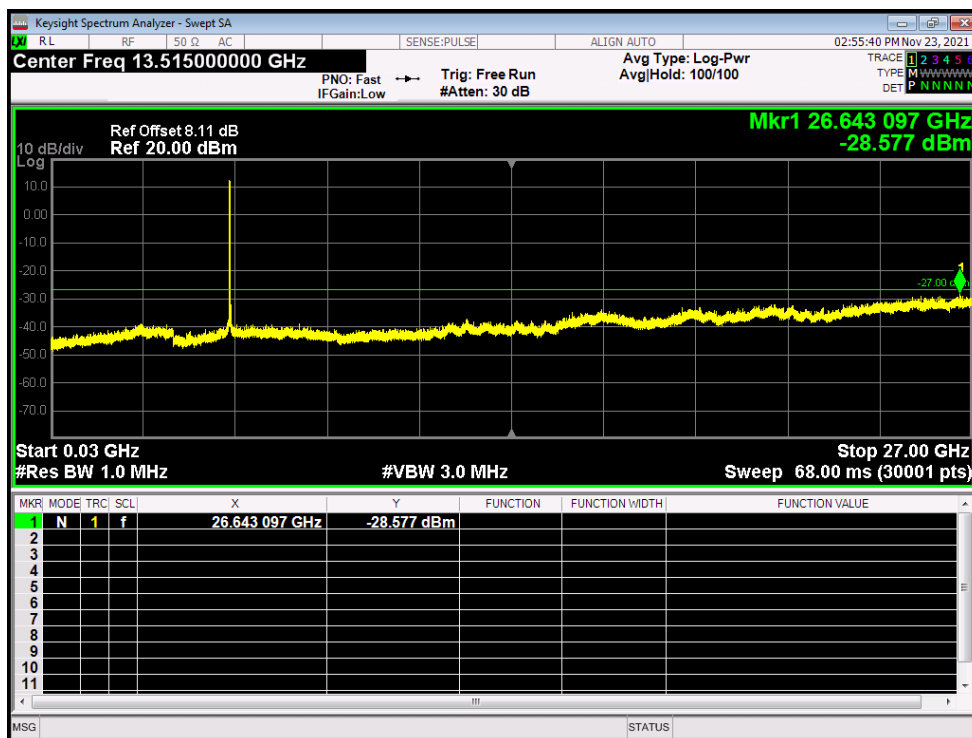
Tx. Spurious NVNT a 5280MHz Ant1 Emission



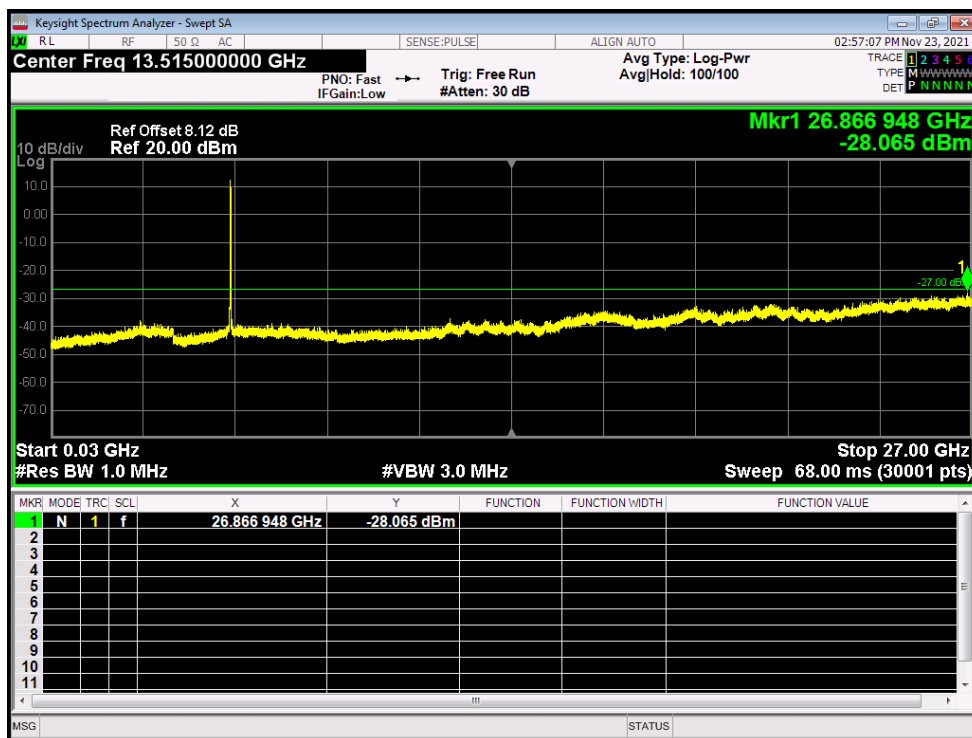
Tx. Spurious NVNT a 5320MHz Ant1 Emission



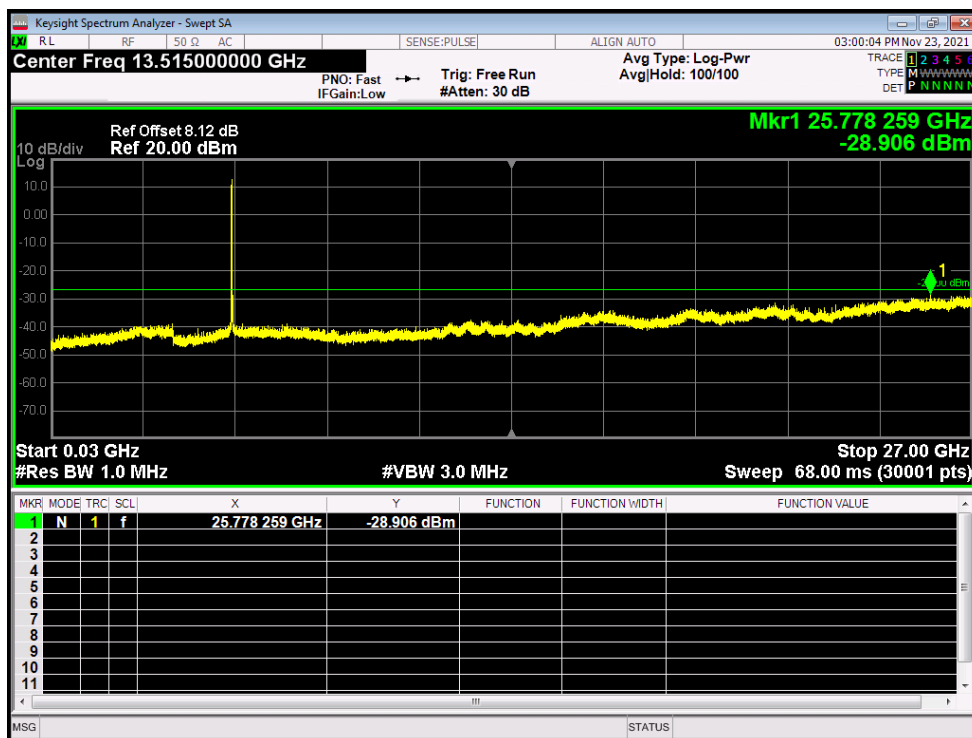
Tx. Spurious NVNT a 5260MHz Ant2 Emission



Tx. Spurious NVNT a 5280MHz Ant2 Emission



Tx. Spurious NVNT a 5320MHz Ant2 Emission



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[illegible]

Keysight Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:PULSE ALIGN AUTO 03:27:00 PM Nov 23, 2021

**Center Freq 13.51500000 GHz**

PNO: Fast IFGain:Low Trig: Free Run Avg Type: Log-Pwr  
 #Atten: 30 dB AvgHold: 100/100

TRACE 1 2 3 4 5 6  
 TYPE M  
 DET P NNNN

Ref Offset 8.11 dB  
 Ref 20.00 dBm

**Mkr1 26.816 604 GHz  
 -28.949 dBm**

10 dB/div  
 Log

Start 0.03 GHz  
 #Res BW 1.0 MHz

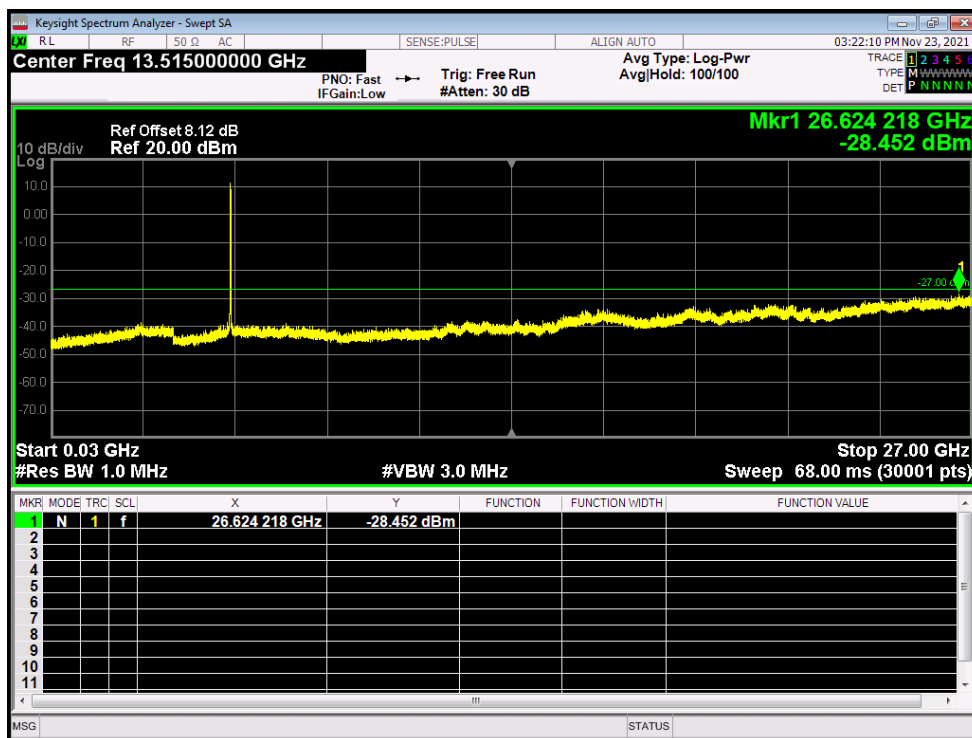
Stop 27.00 GHz  
 Sweep 68.00 ms (30001 pts)

#VBW 3.0 MHz

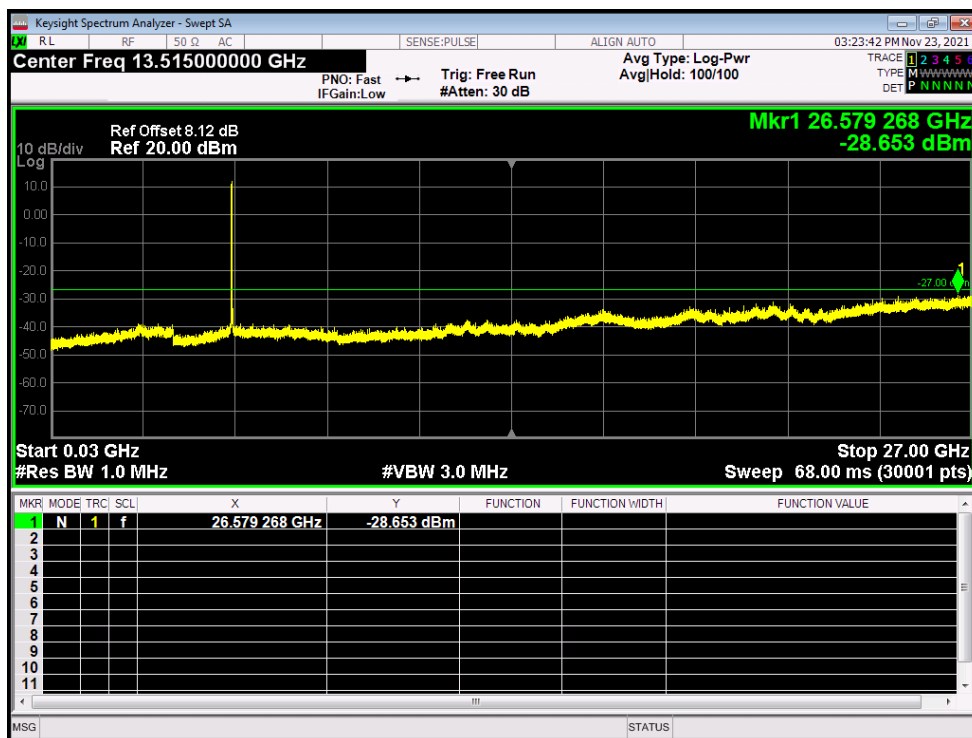
| MRK1 | MODE | TRC | SCL | X              | Y           | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|------|------|-----|-----|----------------|-------------|----------|----------------|----------------|
| 1    | N    | 1   | f   | 26.816 604 GHz | -28.949 dBm |          |                |                |
| 2    |      |     |     |                |             |          |                |                |
| 3    |      |     |     |                |             |          |                |                |
| 4    |      |     |     |                |             |          |                |                |
| 5    |      |     |     |                |             |          |                |                |
| 6    |      |     |     |                |             |          |                |                |
| 7    |      |     |     |                |             |          |                |                |
| 8    |      |     |     |                |             |          |                |                |
| 9    |      |     |     |                |             |          |                |                |
| 10   |      |     |     |                |             |          |                |                |
| 11   |      |     |     |                |             |          |                |                |

MSG STATUS

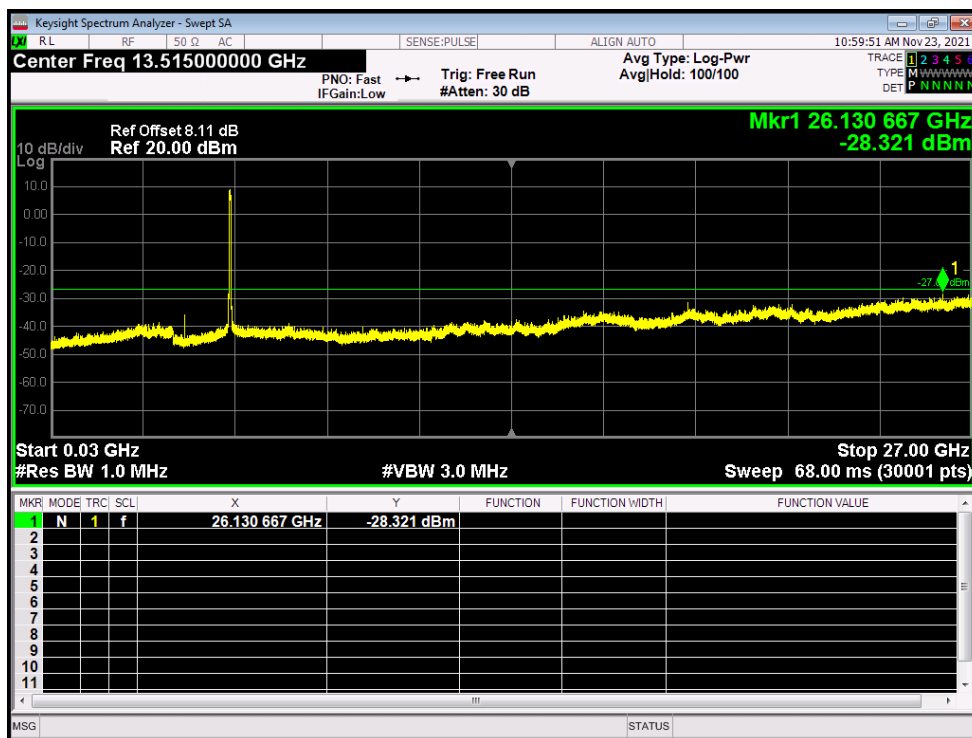
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



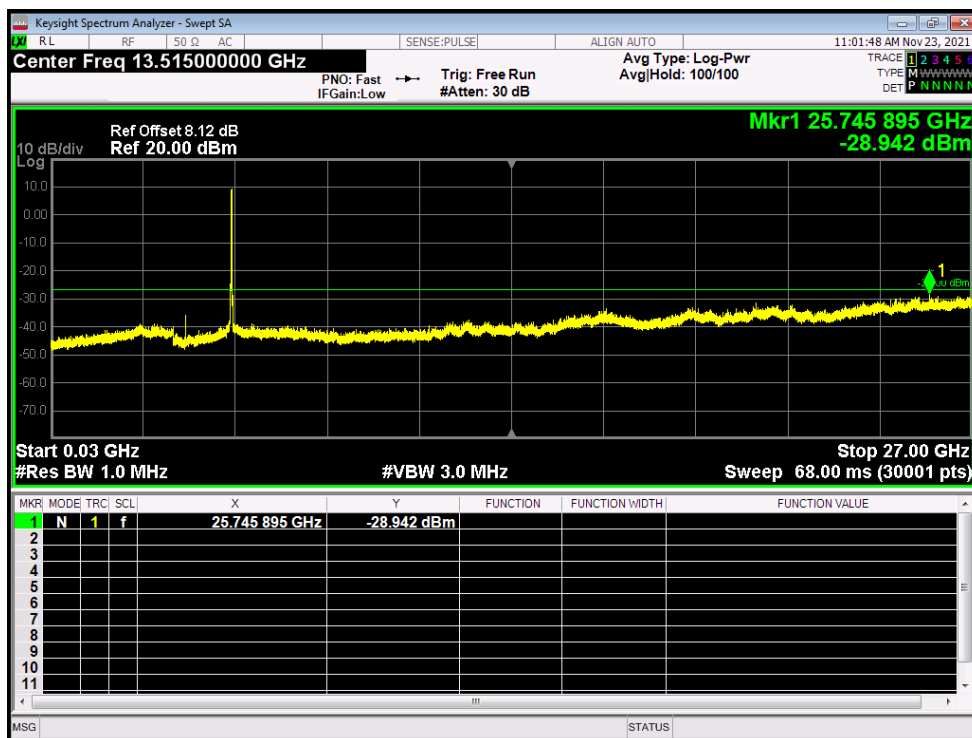
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



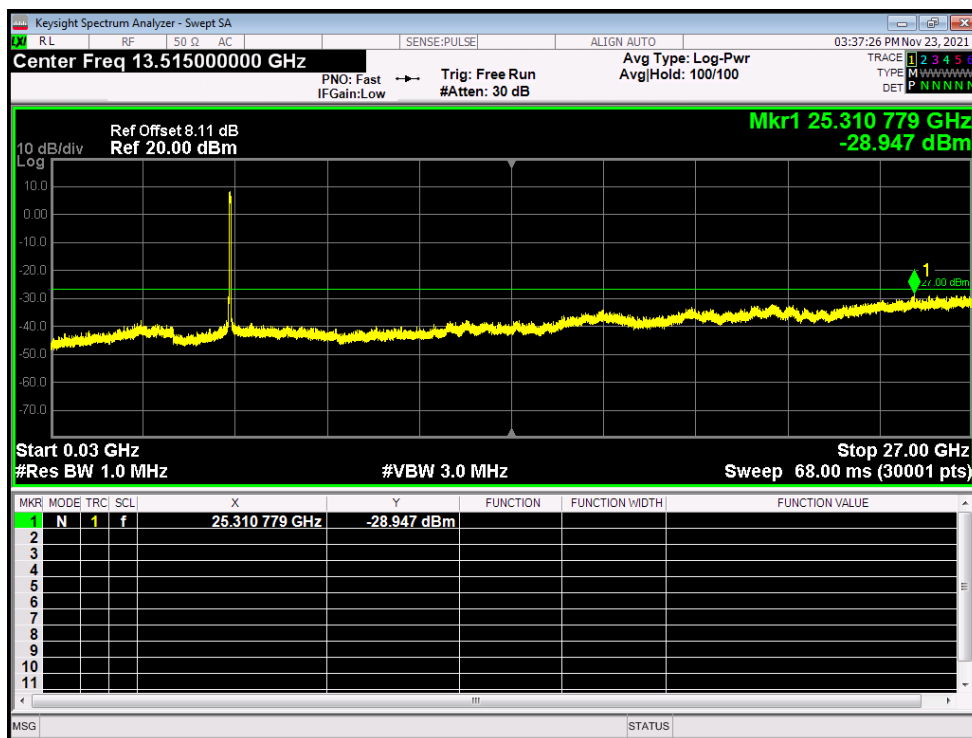
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



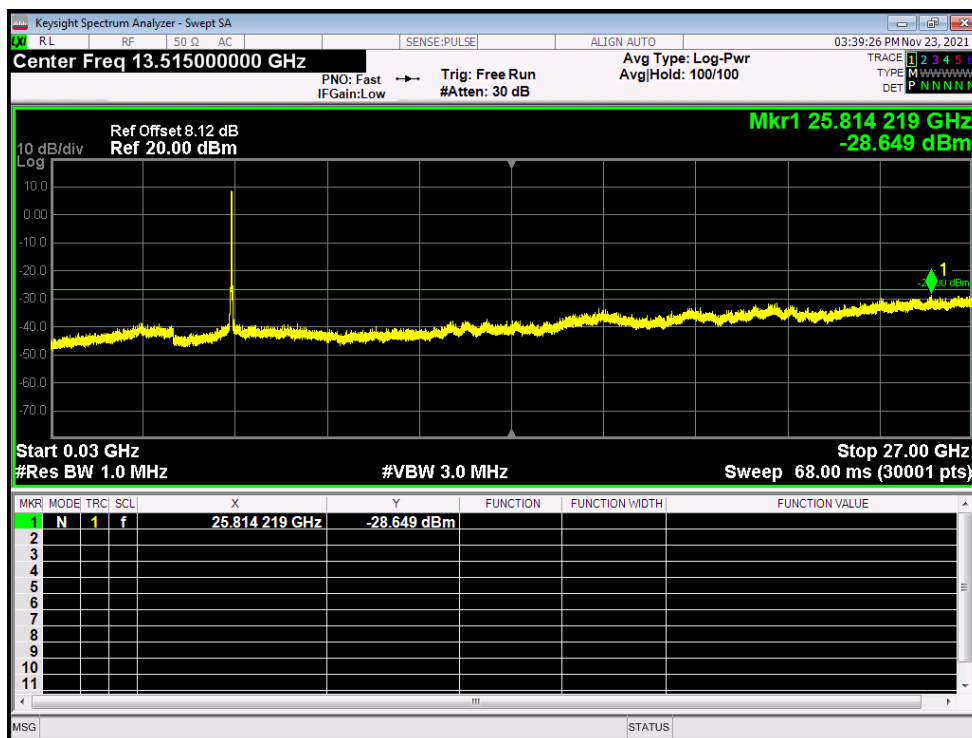
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



[illegible][illegible]

[illegible][illegible]

Keysight Spectrum Analyzer - Swept SA

Center Freq 13.51500000 GHz

PNO: Fast IFGain: Low

Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr AvgHold: 100/100

10:47:34 AM Nov 23, 2021

TRACE 1 2 3 4 5

TYPE M

DET P

Ref Offset 8.12 dB

Ref 20.00 dBm

Mkr1 25.850 179 GHz

-29.533 dBm

10 dB/div

Log

Start 0.03 GHz

Stop 27.00 GHz

#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 68.00 ms (30001 pts)

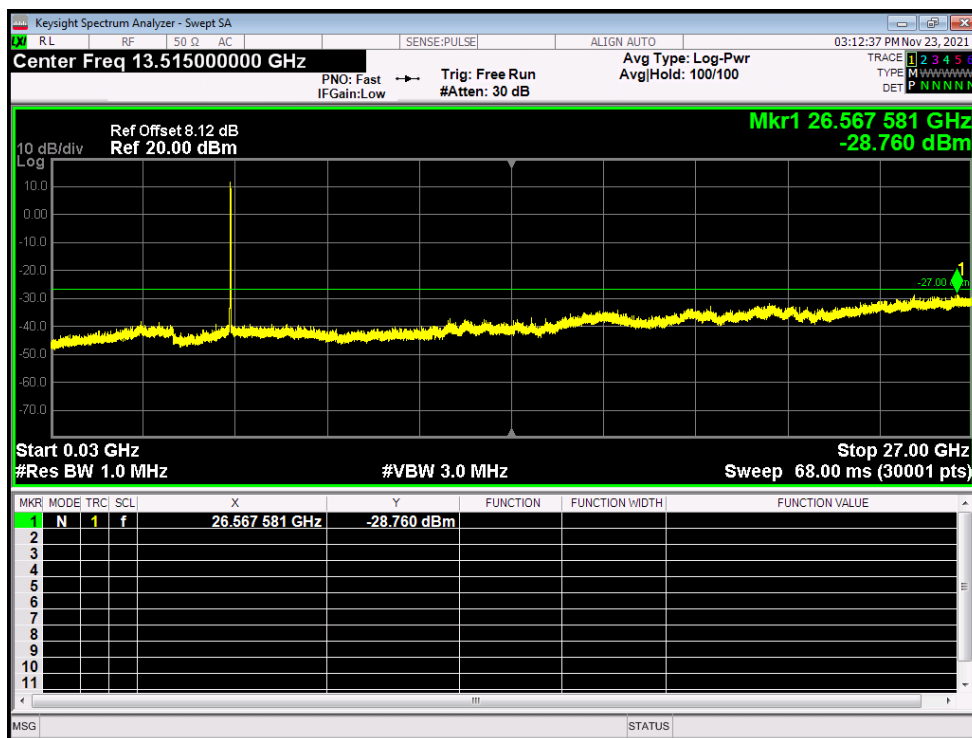
| MRK | MODE | TRC | SCL | X              | Y           | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|-----|------|-----|-----|----------------|-------------|----------|----------------|----------------|
| 1   | N    | 1   | f   | 25.850 179 GHz | -29.533 dBm |          |                |                |
| 2   |      |     |     |                |             |          |                |                |
| 3   |      |     |     |                |             |          |                |                |
| 4   |      |     |     |                |             |          |                |                |
| 5   |      |     |     |                |             |          |                |                |
| 6   |      |     |     |                |             |          |                |                |
| 7   |      |     |     |                |             |          |                |                |
| 8   |      |     |     |                |             |          |                |                |
| 9   |      |     |     |                |             |          |                |                |
| 10  |      |     |     |                |             |          |                |                |
| 11  |      |     |     |                |             |          |                |                |

MSG

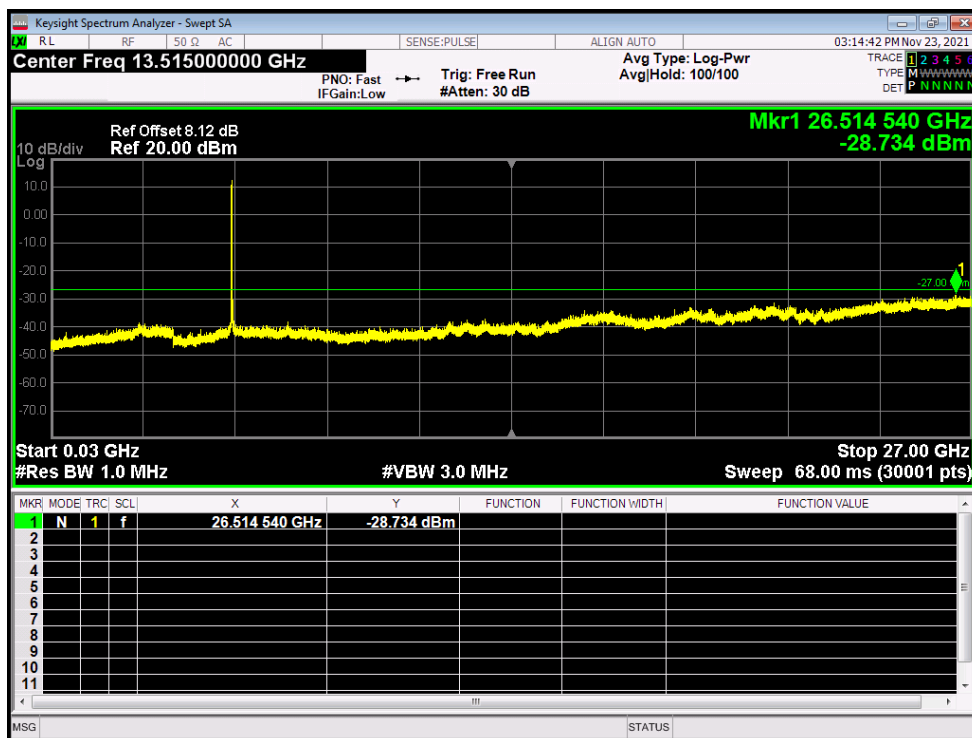
STATUS

[illegible]

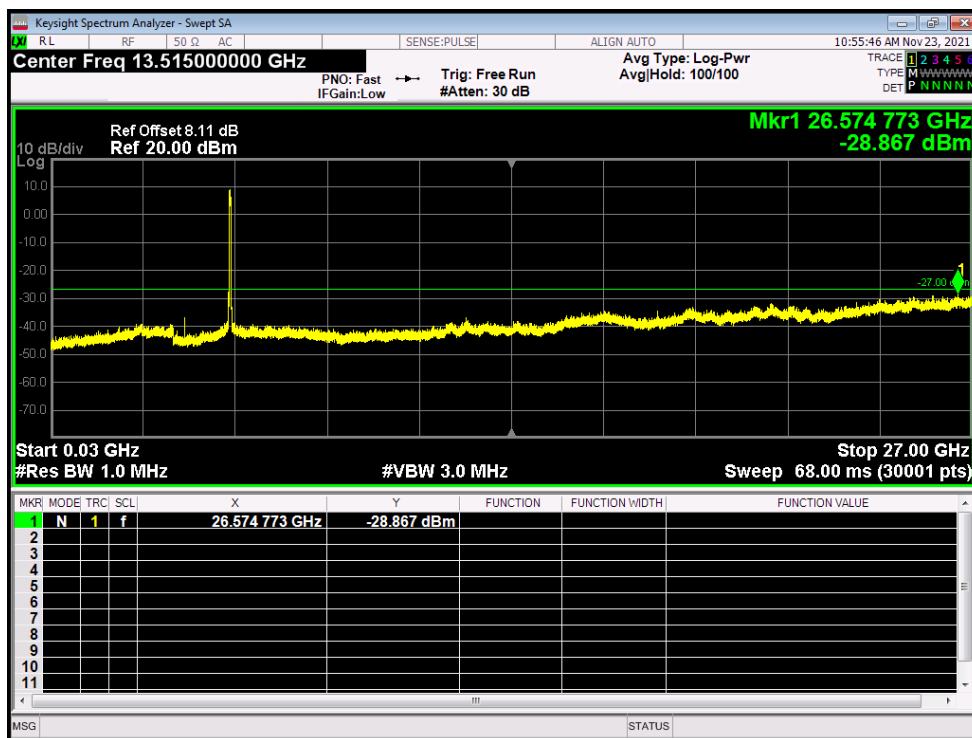
Tx. Spurious NVNT n20 5280MHz Ant2 Emission



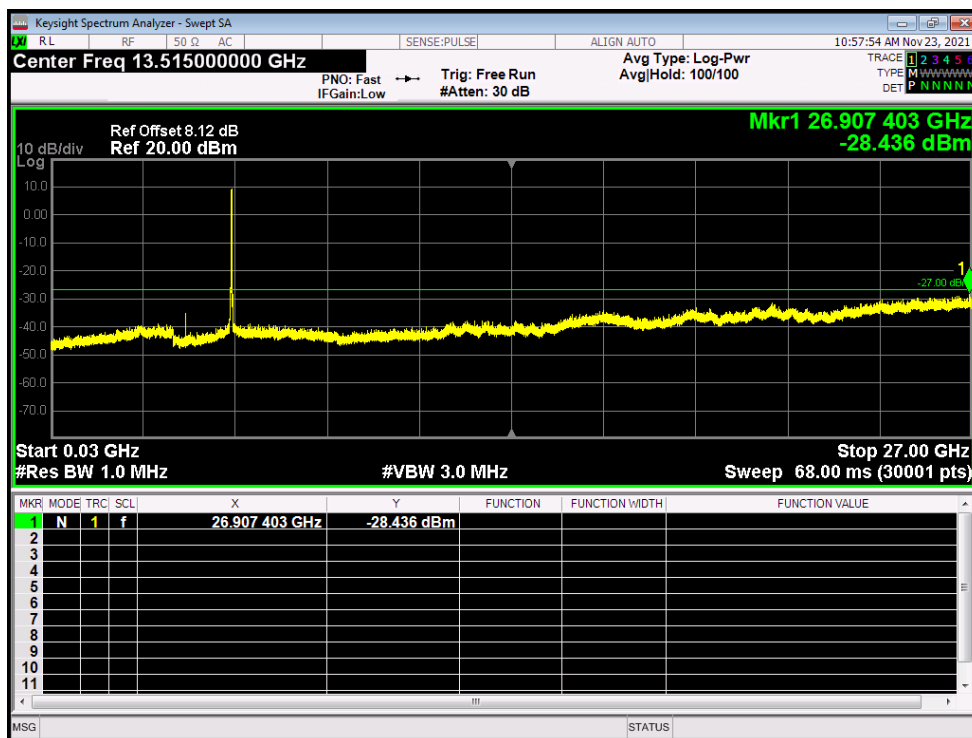
Tx. Spurious NVNT n20 5320MHz Ant2 Emission



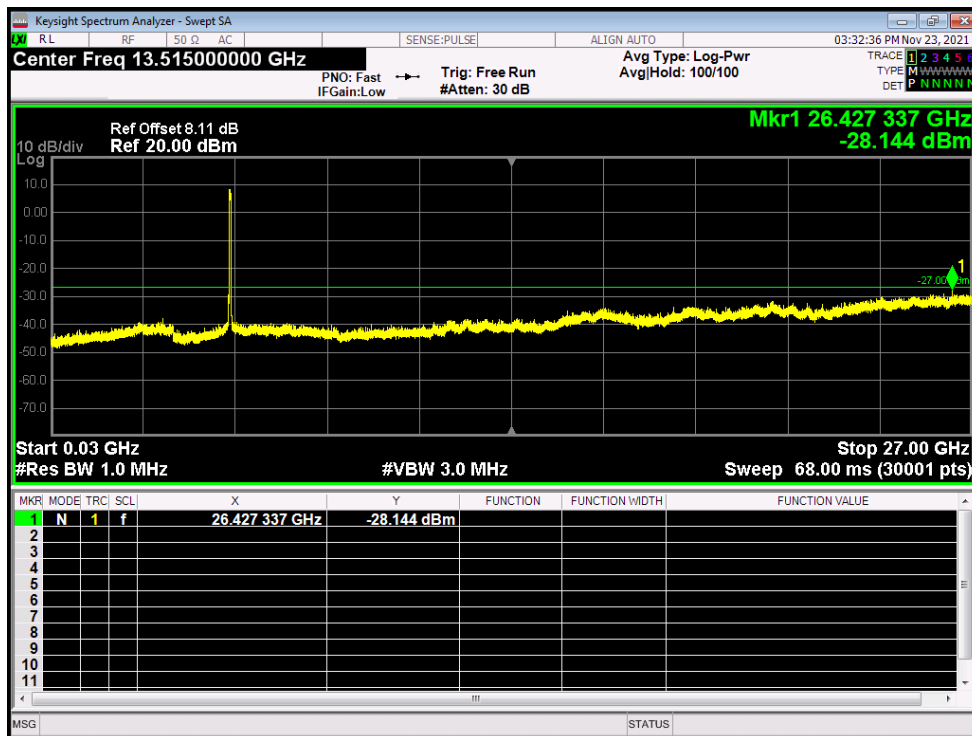
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



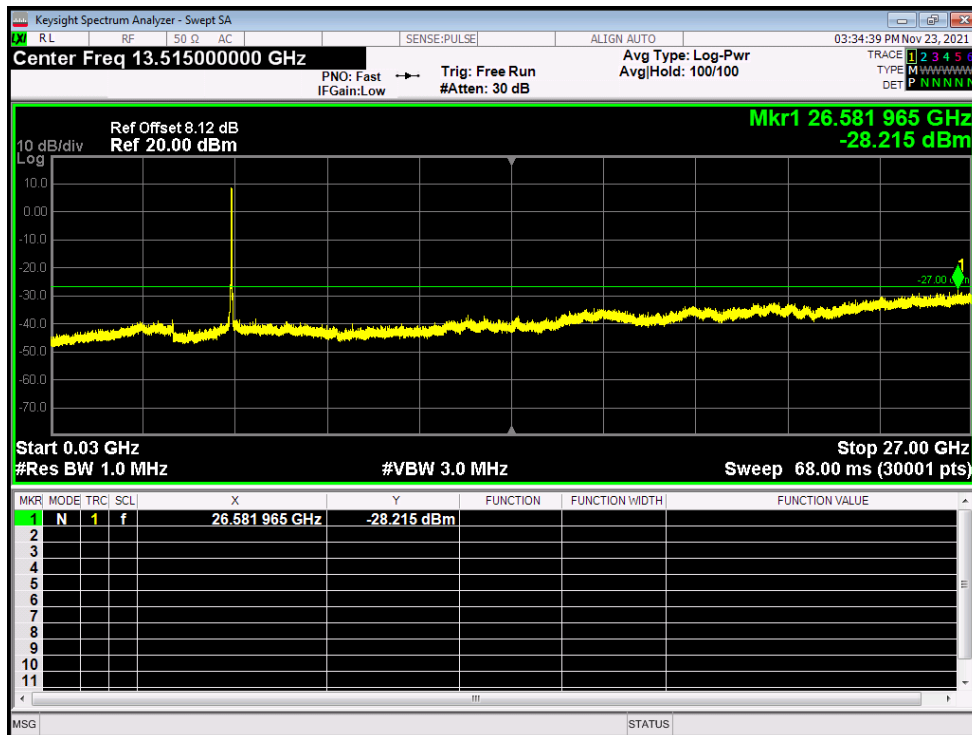
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



Tx. Spurious NVNT n40 5270MHz Ant2 Emission



Tx. Spurious NVNT n40 5310MHz Ant2 Emission



## MIMO 5.3G:

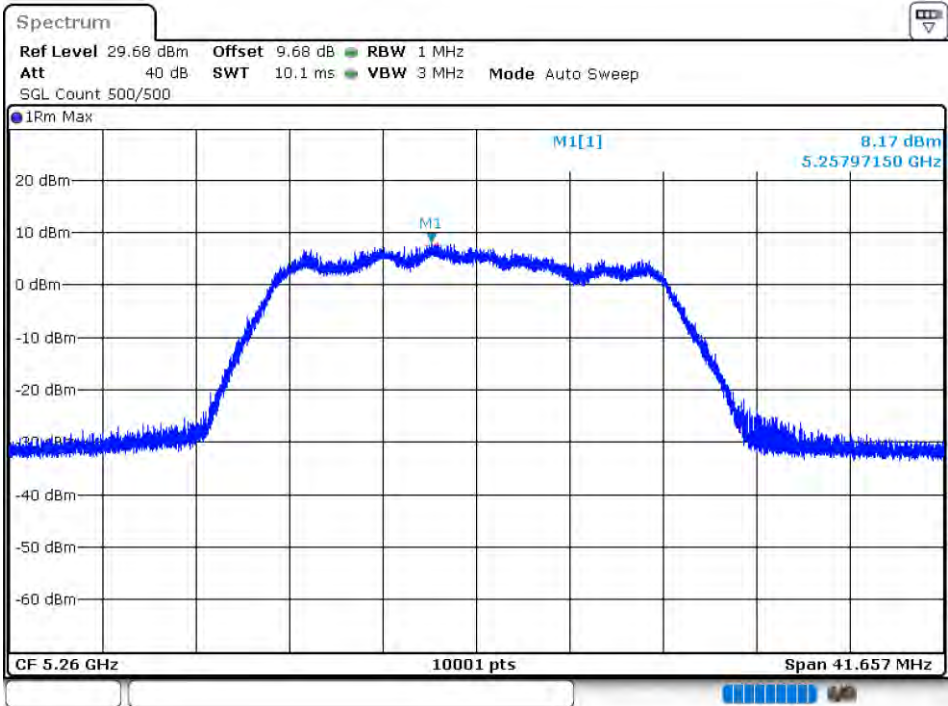
### Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------------|-------------|---------|
| NVNT      | ac20 | 5260            | Ant1    | 8.332                 | 0.02             | 8.352             | 11.01             | 22.46       | Pass    |
| NVNT      | ac20 | 5260            | Ant2    | 7.592                 | 0.03             | 7.622             |                   | 22.46       | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | 8.509                 | 0.02             | 8.529             | 11.16             | 22.46       | Pass    |
| NVNT      | ac20 | 5280            | Ant2    | 7.717                 | 0.02             | 7.737             |                   | 22.46       | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | 7.718                 | 0.02             | 7.738             | 11.02             | 22.46       | Pass    |
| NVNT      | ac20 | 5320            | Ant2    | 8.244                 | 0.02             | 8.264             |                   | 22.46       | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | 9.134                 | 0.03             | 9.164             | 11.78             | 22.46       | Pass    |
| NVNT      | ac40 | 5270            | Ant2    | 8.316                 | 0.03             | 8.346             |                   | 22.46       | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | 9.249                 | 0.03             | 9.279             | 12.02             | 22.46       | Pass    |
| NVNT      | ac40 | 5310            | Ant2    | 8.703                 | 0.03             | 8.733             |                   | 22.46       | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | 5.022                 | 3.41             | 8.432             | 11.32             | 22.46       | Pass    |
| NVNT      | ac80 | 5290            | Ant2    | 4.793                 | 3.39             | 8.183             |                   | 22.46       | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 7.949                 | 0.28             | 8.229             | 10.94             | 22.46       | Pass    |
| NVNT      | n20  | 5260            | Ant2    | 7.337                 | 0.28             | 7.617             |                   | 22.46       | Pass    |
| NVNT      | n20  | 5280            | Ant1    | 8.101                 | 0.28             | 8.381             | 11.10             | 22.46       | Pass    |
| NVNT      | n20  | 5280            | Ant2    | 7.467                 | 0.3              | 7.767             |                   | 22.46       | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 7.245                 | 0.28             | 7.525             | 10.86             | 22.46       | Pass    |
| NVNT      | n20  | 5320            | Ant2    | 7.865                 | 0.28             | 8.145             |                   | 22.46       | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 8.342                 | 0.55             | 8.892             | 11.62             | 22.46       | Pass    |
| NVNT      | n40  | 5270            | Ant2    | 7.767                 | 0.55             | 8.317             |                   | 22.46       | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 8.693                 | 0.55             | 9.243             | 11.92             | 22.46       | Pass    |
| NVNT      | n40  | 5310            | Ant2    | 7.998                 | 0.55             | 8.548             |                   | 22.46       | Pass    |

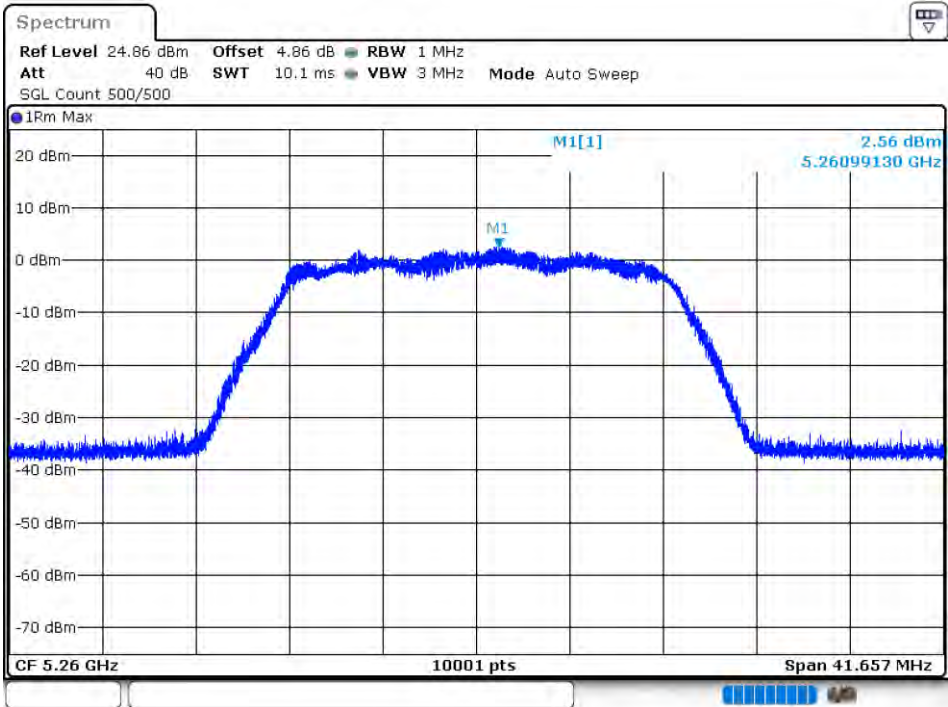
### Maximum Power Spectral Density Level

| Condition | Mode          | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|---------------|-------------|---------|
| NVNT      | 802.11ac20    | 5260            | Ant 1   | 8.168         | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5260            | Ant 2   | 2.563         | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5260            | Sum     | 9.223         | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5280            | Ant 1   | 6.162         | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5280            | Ant 2   | 3.202         | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5280            | Sum     | 7.94          | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5320            | Ant 1   | 4.298         | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5320            | Ant 2   | 2.251         | 9.46        | Pass    |
| NVNT      | 802.11ac20    | 5320            | Sum     | 6.404         | 9.46        | Pass    |
| NVNT      | 802.11ac40    | 5270            | Ant 1   | 3.528         | 9.46        | Pass    |
| NVNT      | 802.11ac40    | 5270            | Ant 2   | 0.4           | 9.46        | Pass    |
| NVNT      | 802.11ac40    | 5270            | Sum     | 5.25          | 9.46        | Pass    |
| NVNT      | 802.11ac40    | 5310            | Ant 1   | 0.616         | 9.46        | Pass    |
| NVNT      | 802.11ac40    | 5310            | Ant 2   | 0.158         | 9.46        | Pass    |
| NVNT      | 802.11ac40    | 5310            | Sum     | 3.403         | 9.46        | Pass    |
| NVNT      | 802.11ac80    | 5290            | Ant 1   | -1.195        | 9.46        | Pass    |
| NVNT      | 802.11ac80    | 5290            | Ant 2   | -1.273        | 9.46        | Pass    |
| NVNT      | 802.11ac80    | 5290            | Sum     | 1.776         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5260            | Ant 1   | 8.417         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5260            | Ant 2   | 2.221         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5260            | Sum     | 9.352         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5280            | Ant 1   | 4.616         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5280            | Ant 2   | 2.46          | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5280            | Sum     | 6.681         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5320            | Ant 1   | 4.454         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5320            | Ant 2   | 1.678         | 9.46        | Pass    |
| NVNT      | 802.11n(HT20) | 5320            | Sum     | 6.294         | 9.46        | Pass    |
| NVNT      | 802.11n(HT40) | 5270            | Ant 1   | 3.277         | 9.46        | Pass    |
| NVNT      | 802.11n(HT40) | 5270            | Ant 2   | -0.049        | 9.46        | Pass    |
| NVNT      | 802.11n(HT40) | 5270            | Sum     | 4.935         | 9.46        | Pass    |
| NVNT      | 802.11n(HT40) | 5310            | Ant 1   | 0.716         | 9.46        | Pass    |
| NVNT      | 802.11n(HT40) | 5310            | Ant 2   | -0.516        | 9.46        | Pass    |
| NVNT      | 802.11n(HT40) | 5310            | Sum     | 3.154         | 9.46        | Pass    |

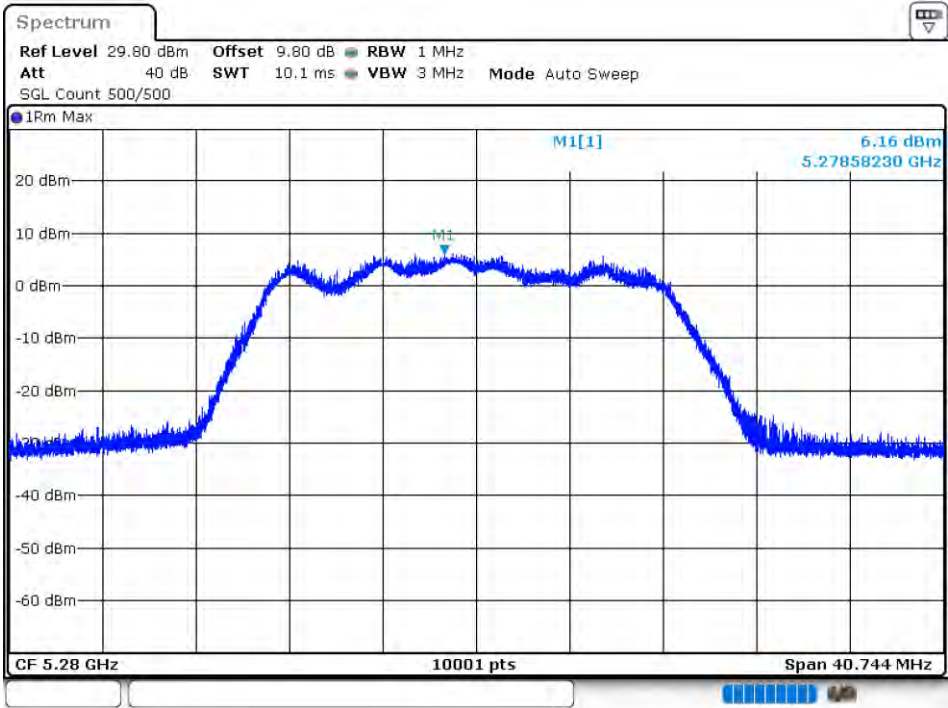
PSD NVNT 802.11ac20 5260MHz Ant1



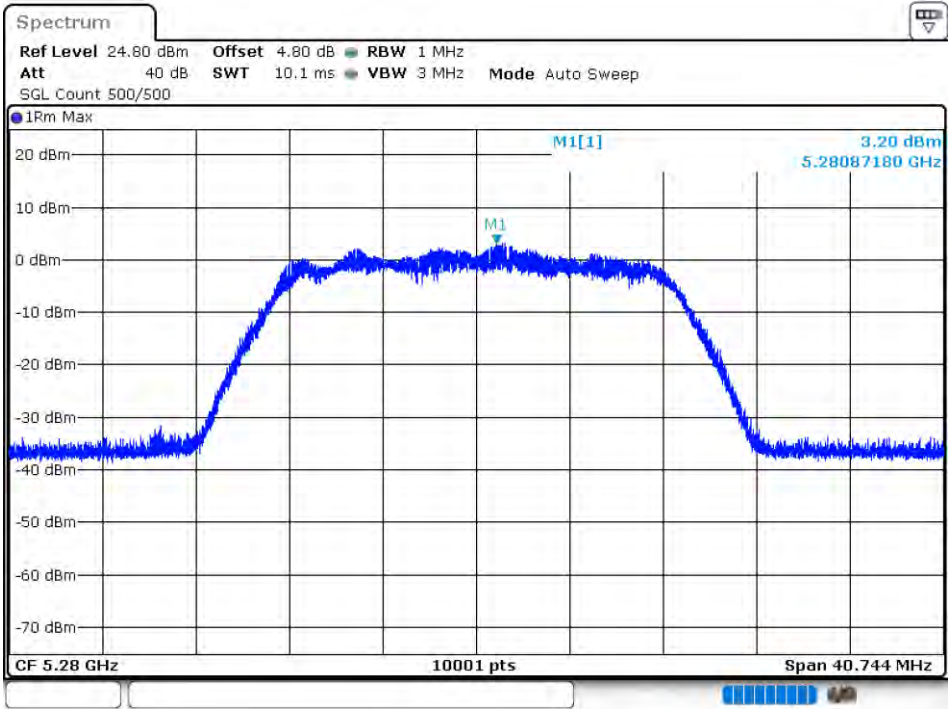
PSD NVNT 802.11ac20 5260MHz Ant2



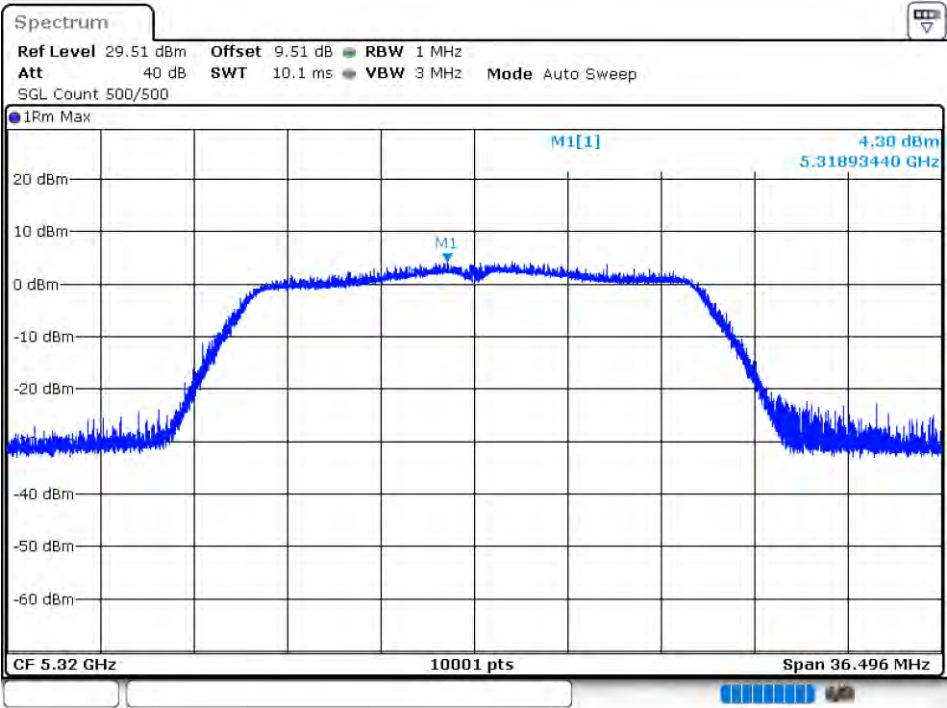
PSD NVNT 802.11ac20 5280MHz Ant1



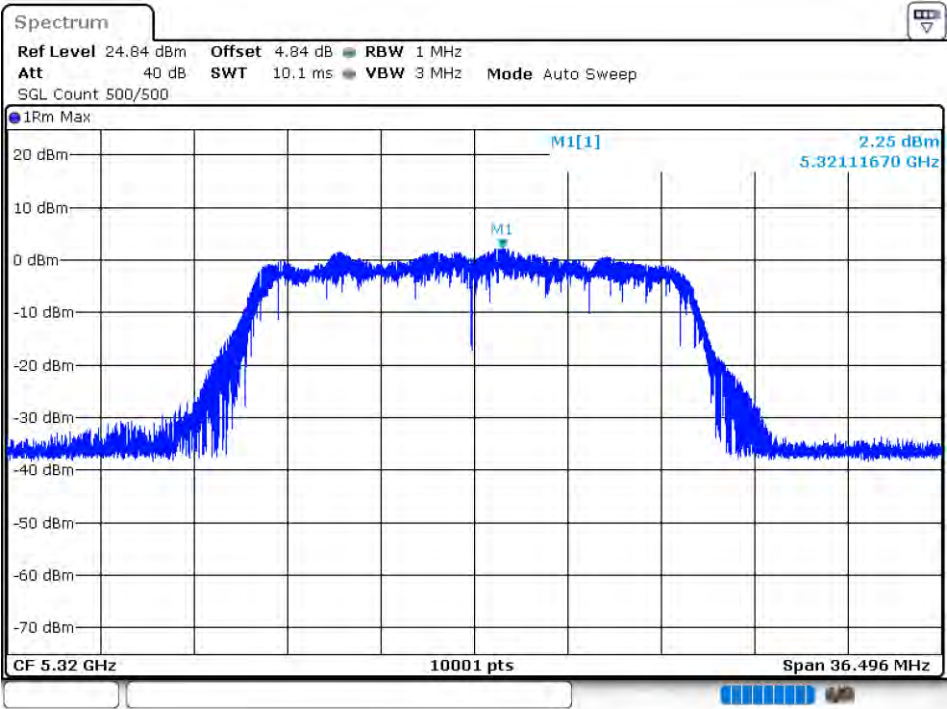
PSD NVNT 802.11ac20 5280MHz Ant2



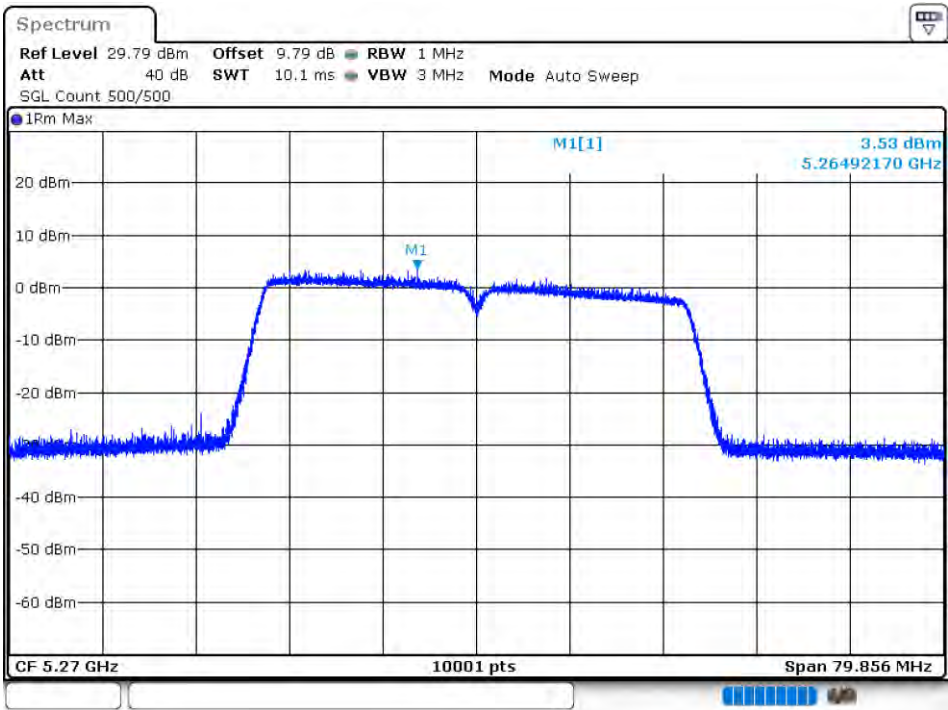
PSD NVNT 802.11ac20 5320MHz Ant1



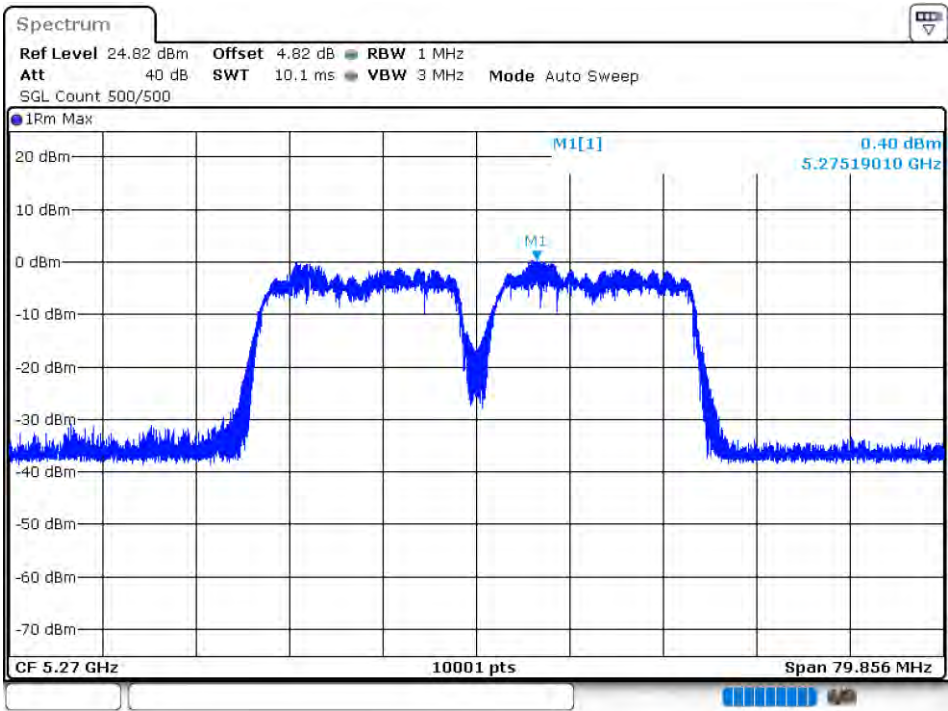
PSD NVNT 802.11ac20 5320MHz Ant2



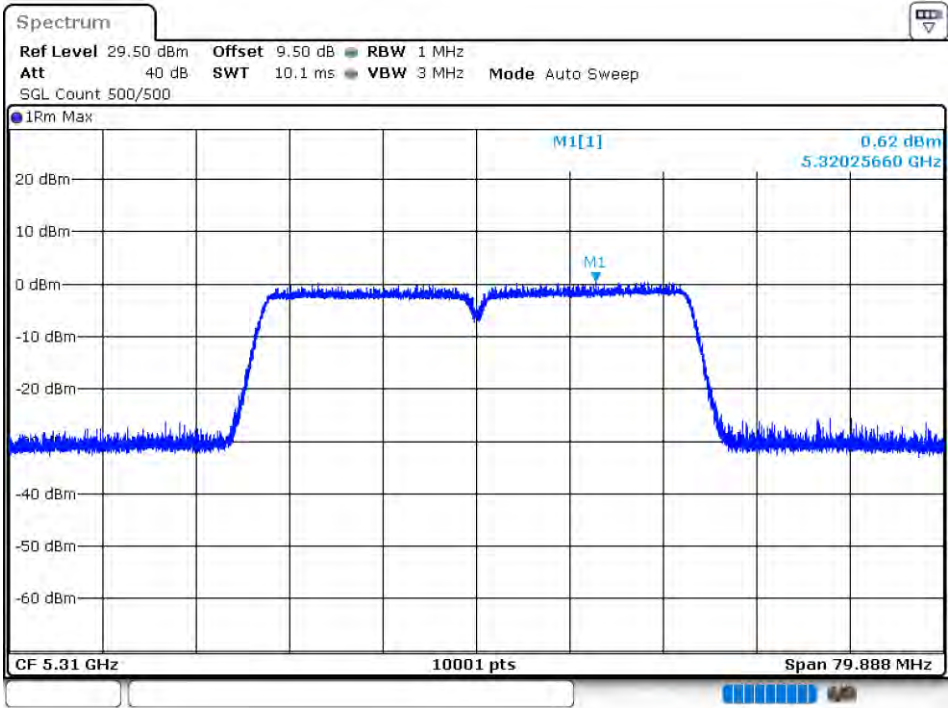
PSD NVNT 802.11ac40 5270MHz Ant1



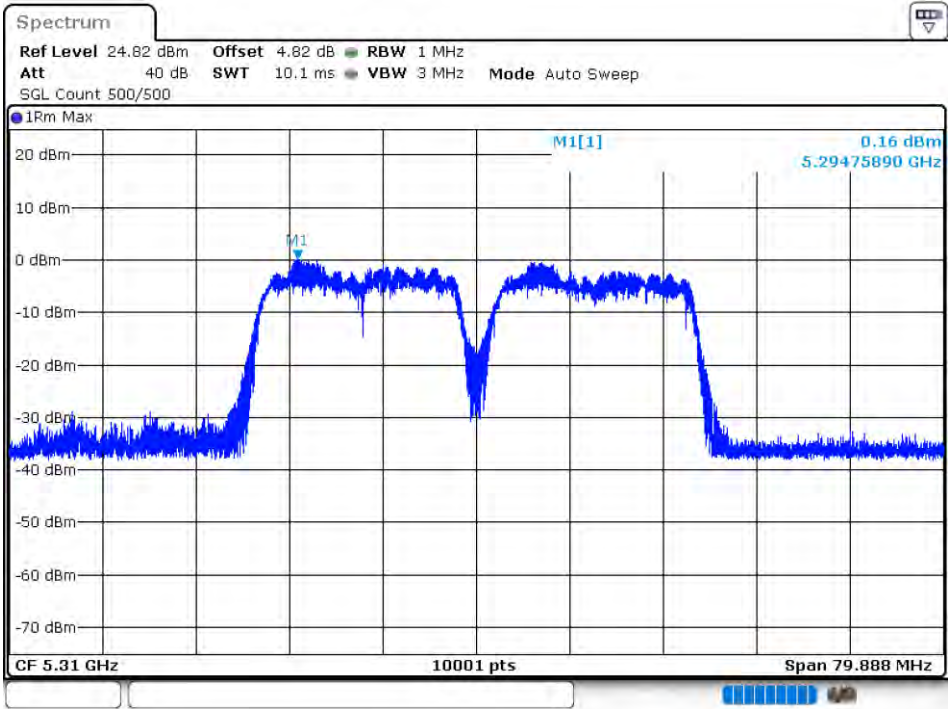
PSD NVNT 802.11ac40 5270MHz Ant2



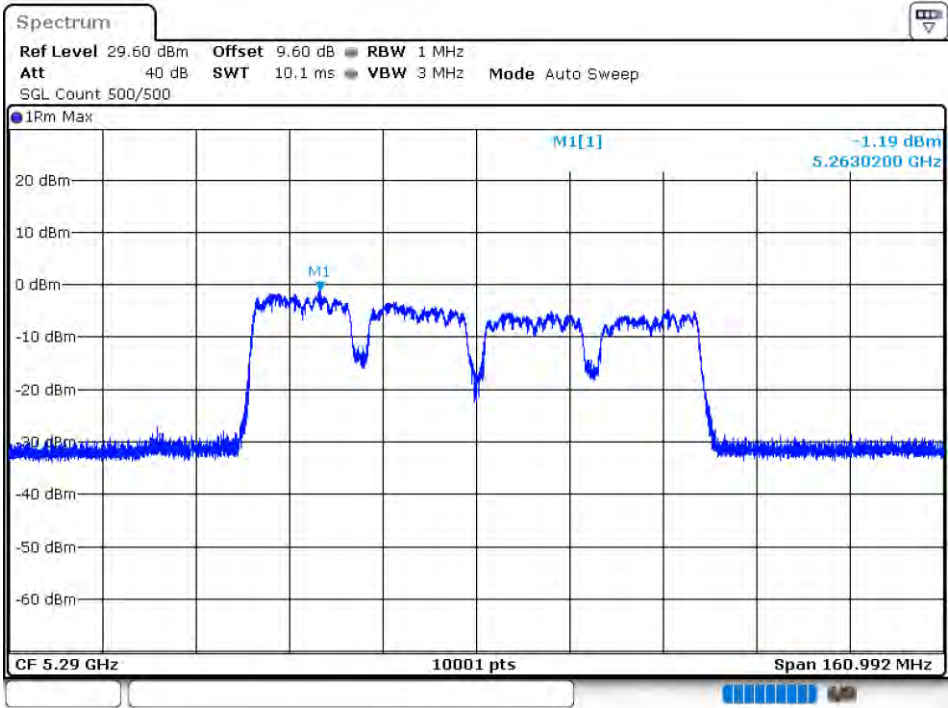
PSD NVNT 802.11ac40 5310MHz Ant1



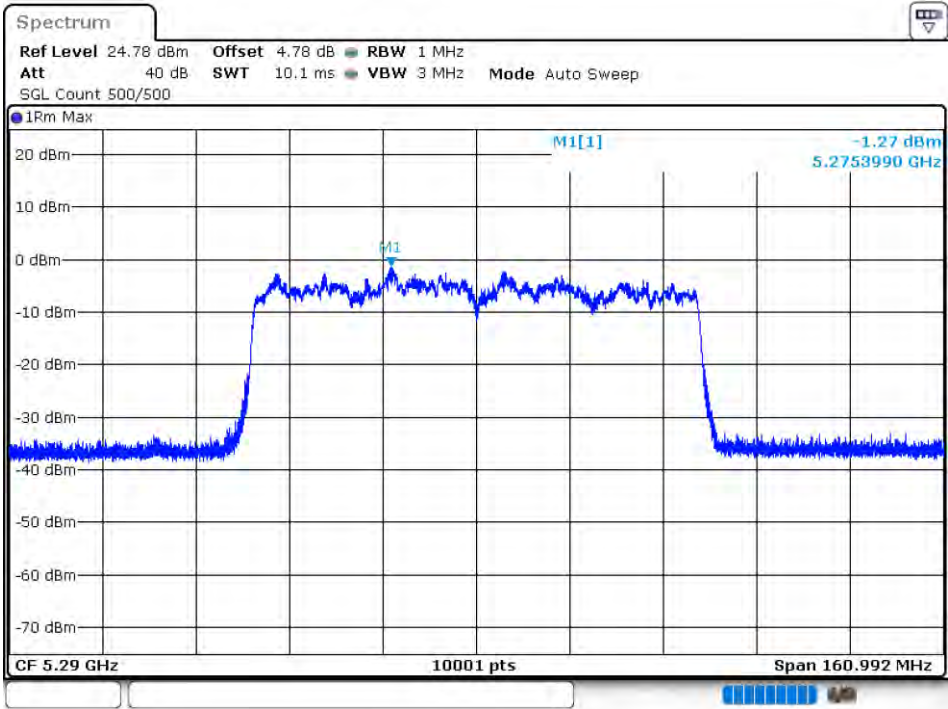
PSD NVNT 802.11ac40 5310MHz Ant2



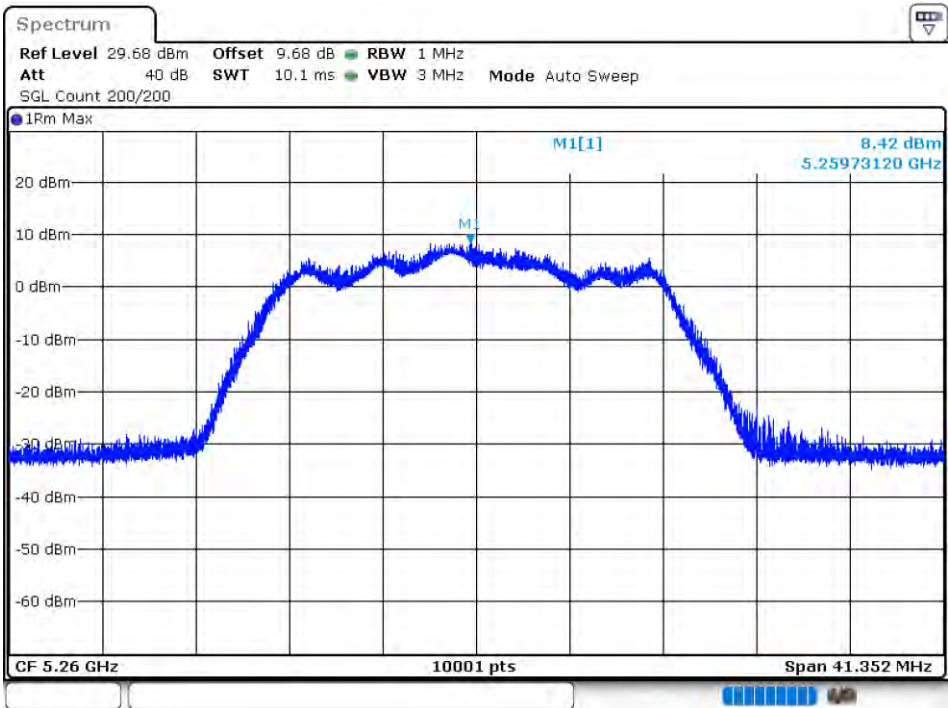
PSD NVNT 802.11ac80 5290MHz Ant1



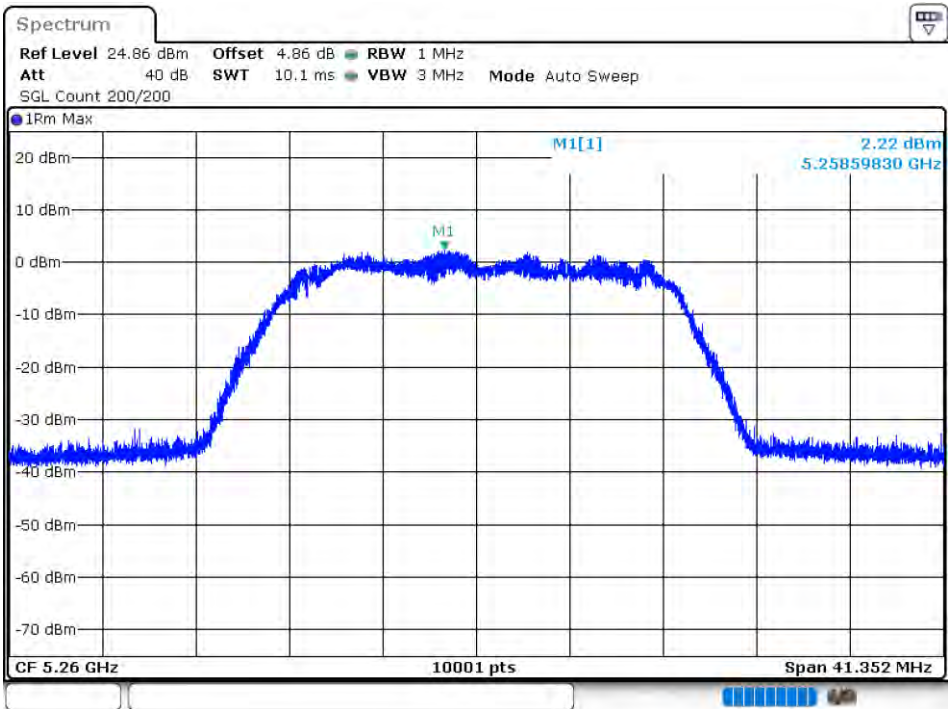
PSD NVNT 802.11ac80 5290MHz Ant2



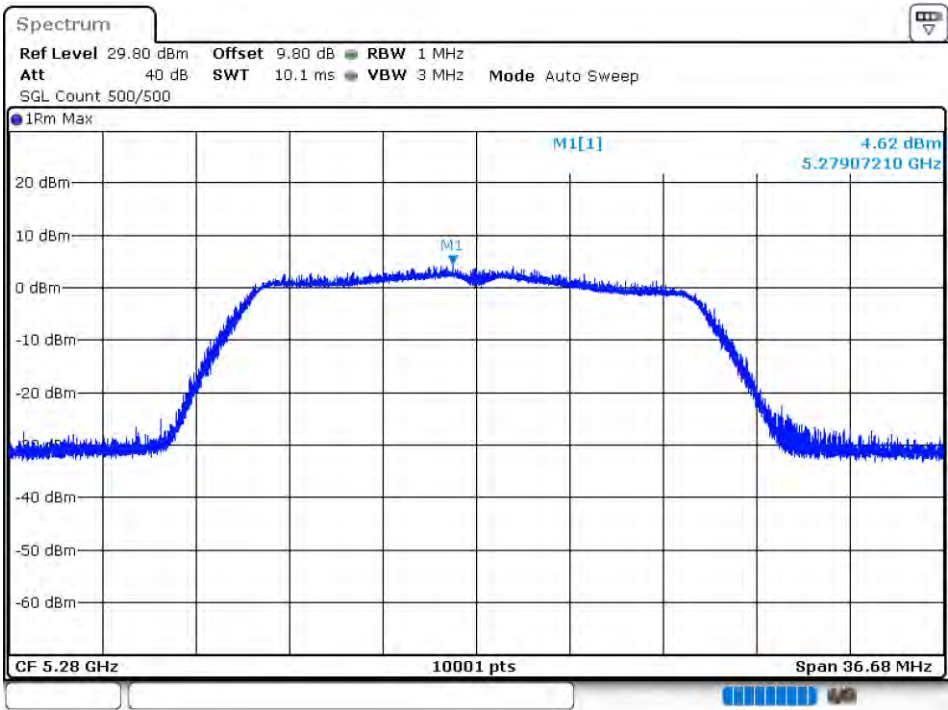
PSD NVNT 802.11n(HT20) 5260MHz Ant1



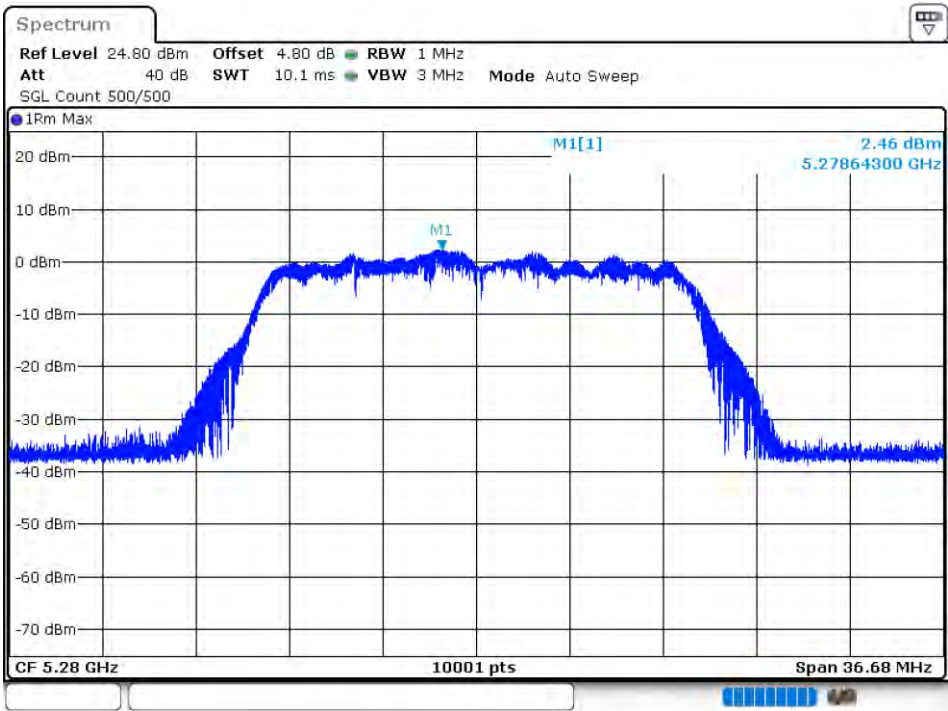
PSD NVNT 802.11n(HT20) 5260MHz Ant2



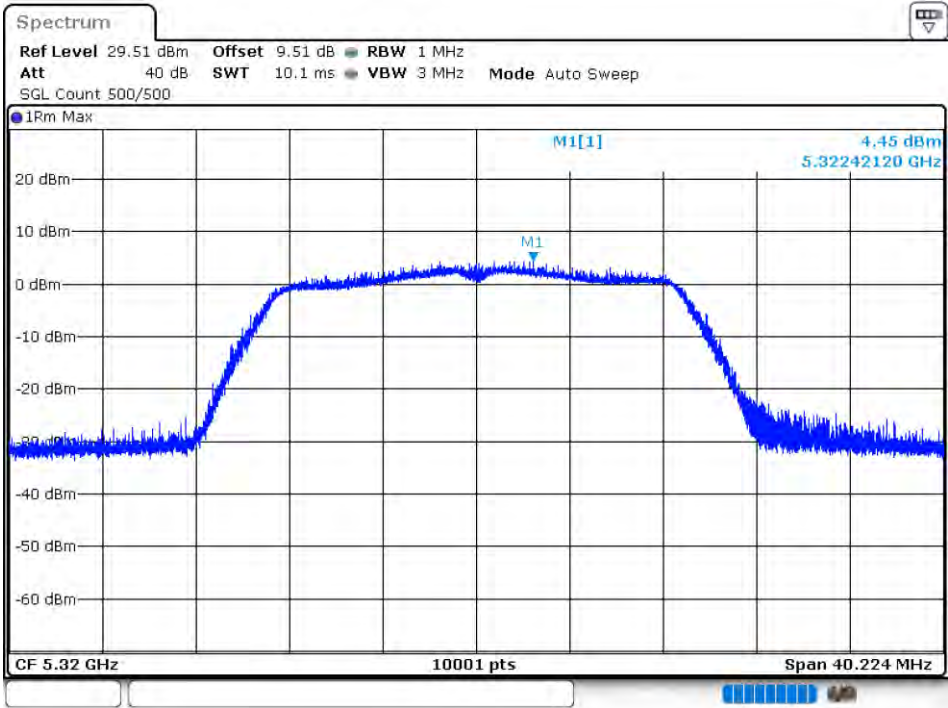
PSD NVNT 802.11n(HT20) 5280MHz Ant1



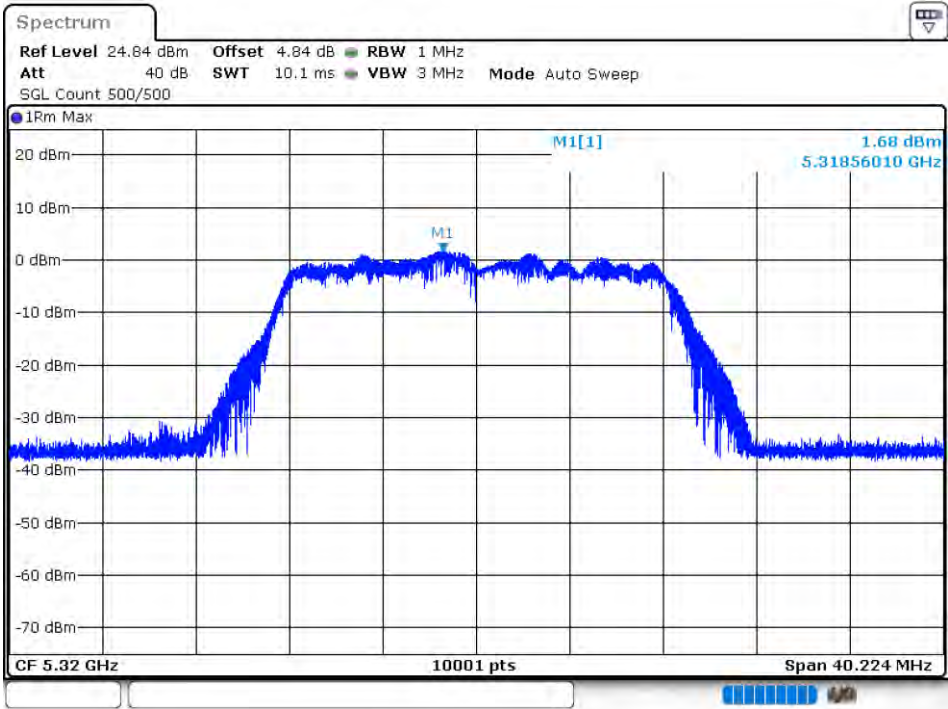
PSD NVNT 802.11n(HT20) 5280MHz Ant2



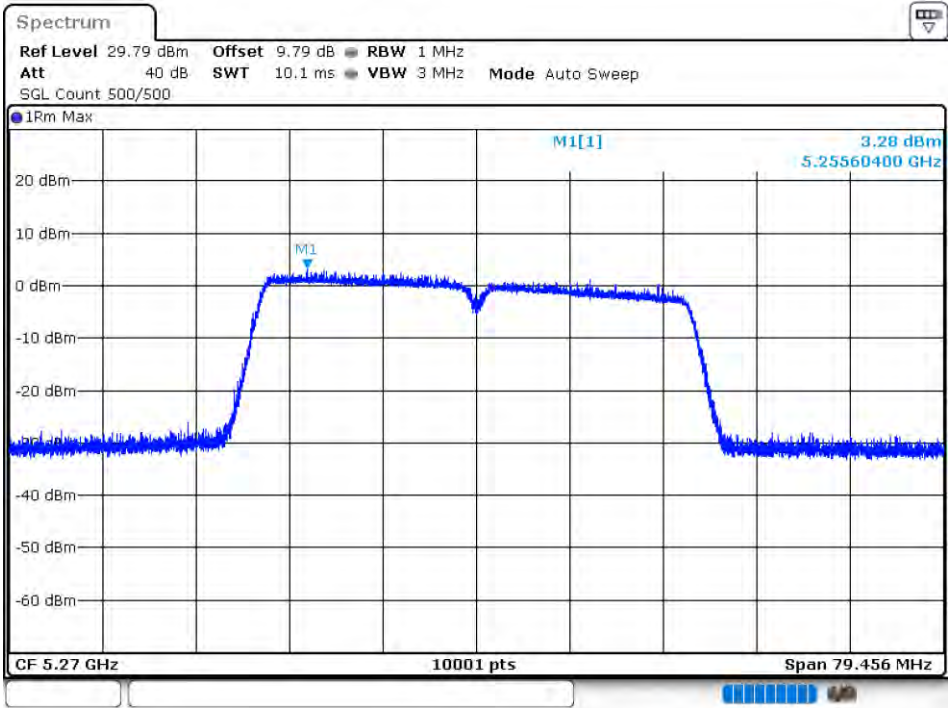
PSD NVNT 802.11n(HT20) 5320MHz Ant1



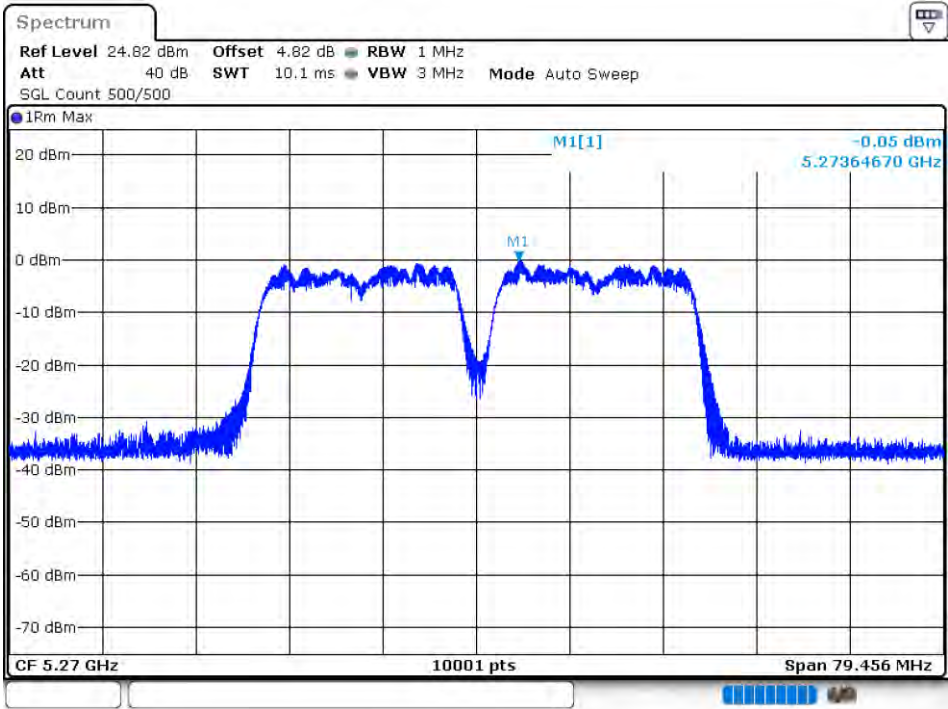
PSD NVNT 802.11n(HT20) 5320MHz Ant2



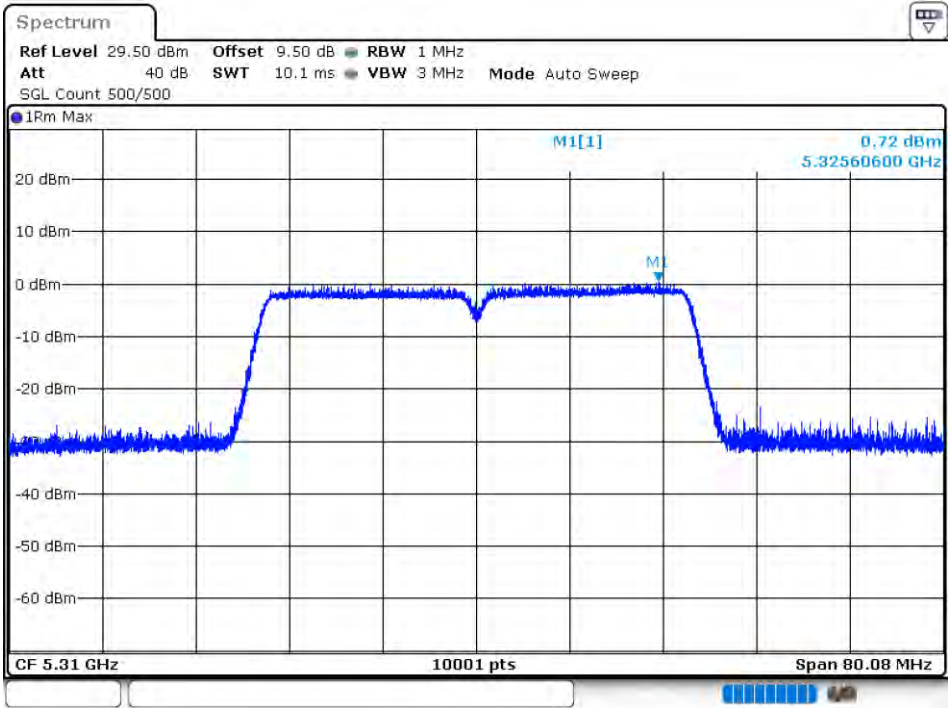
PSD NVNT 802.11n(HT40) 5270MHz Ant1



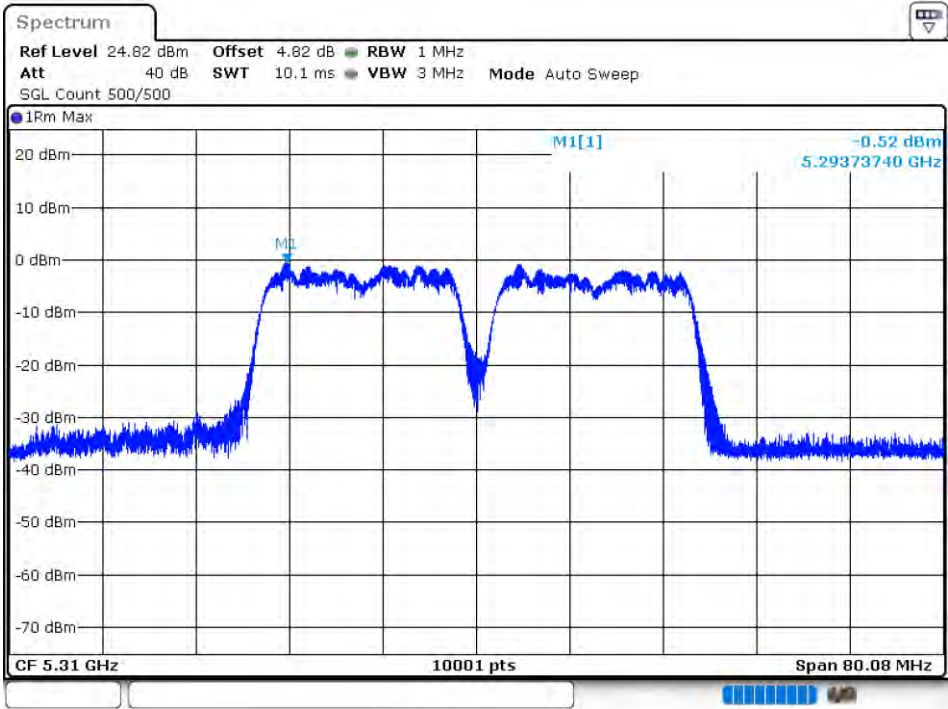
PSD NVNT 802.11n(HT40) 5270MHz Ant2



PSD NVNT 802.11n(HT40) 5310MHz Ant1



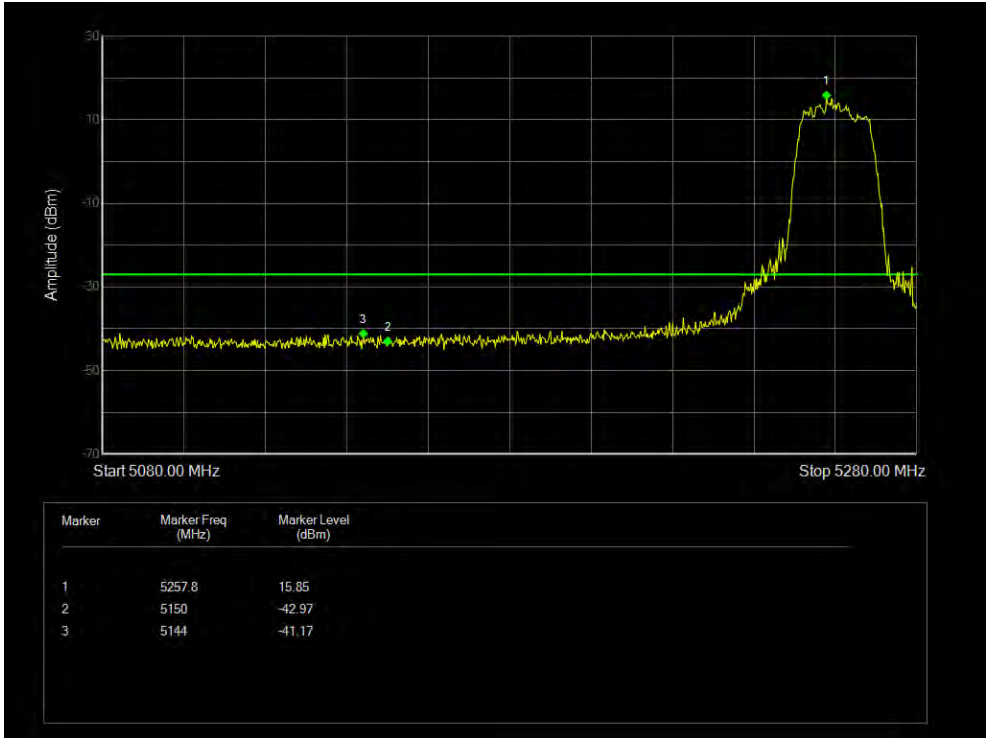
PSD NVNT 802.11n(HT40) 5310MHz Ant2



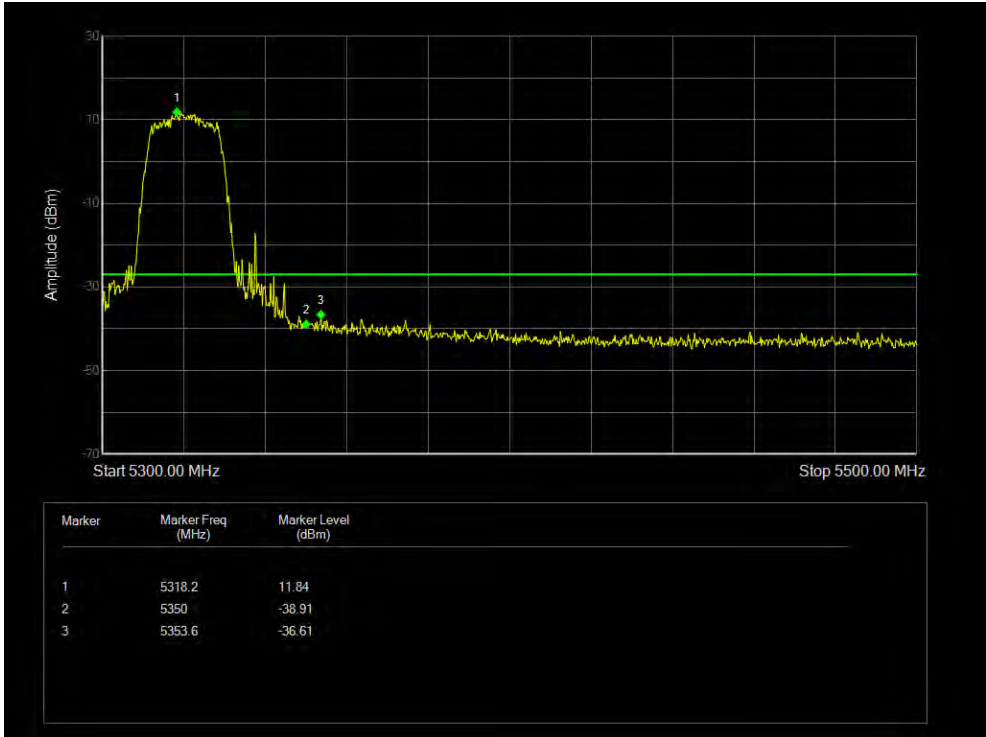
Band Edge

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11ac20    | 5260            | Sum     | -41.17          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5320            | Sum     | -36.61          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5270            | Sum     | -39.55          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5310            | Sum     | -28.86          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5290            | Sum     | -31.64          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5290            | Sum     | -37.46          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5260            | Sum     | -41.26          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5320            | Sum     | -36.31          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5270            | Sum     | -39.5           | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5310            | Sum     | -27.49          | -27         | Pass    |

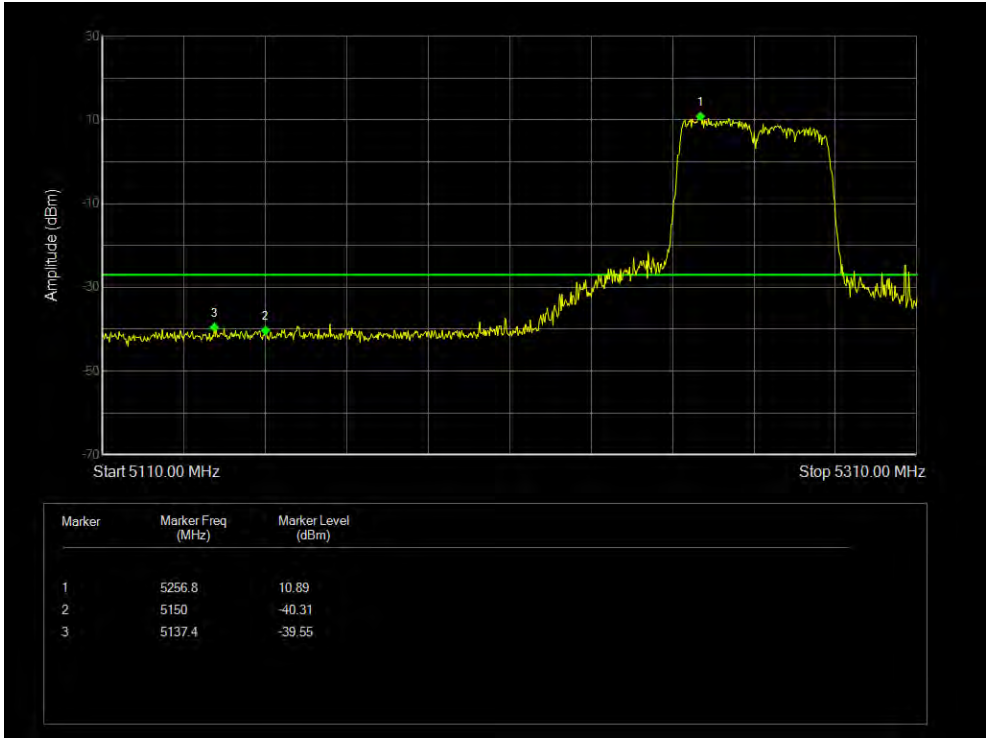
Band Edge NVNT 802.11ac20 5260MHz Low Sum



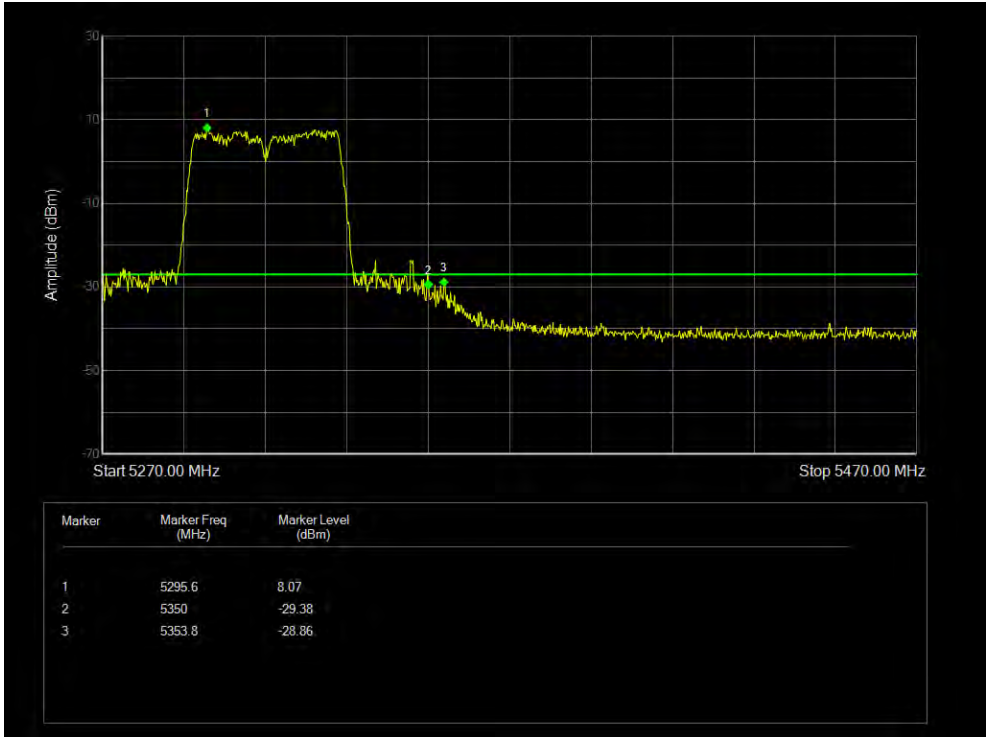
Band Edge NVNT 802.11ac20 5320MHz High Sum



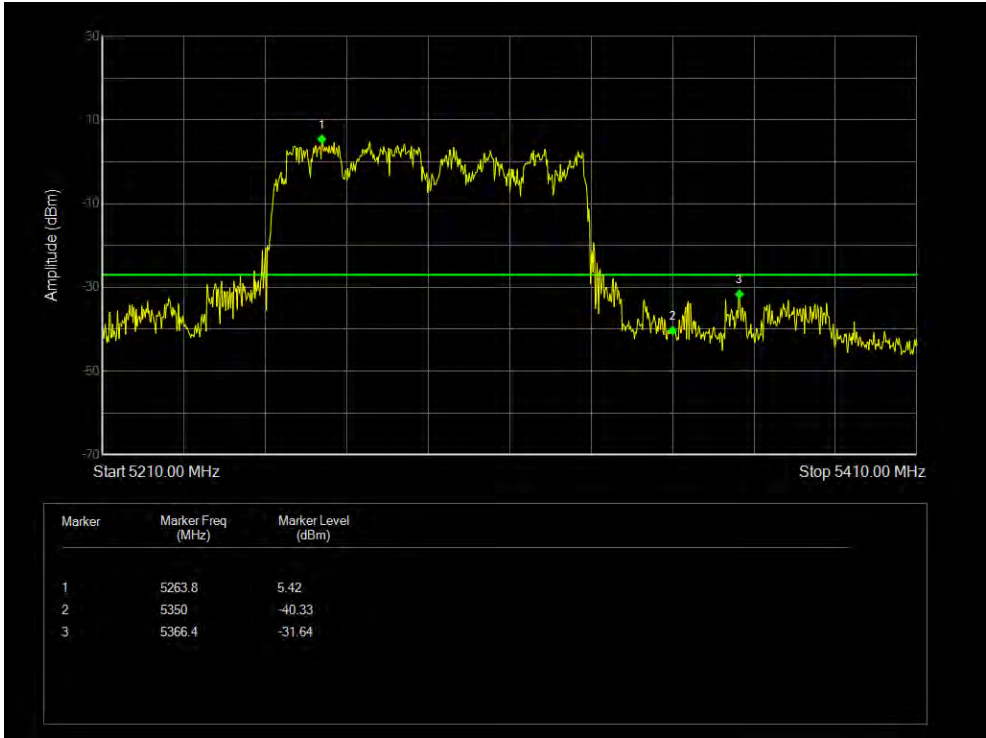
Band Edge NVNT 802.11ac40 5270MHz Low Sum



Band Edge NVNT 802.11ac40 5310MHz High Sum



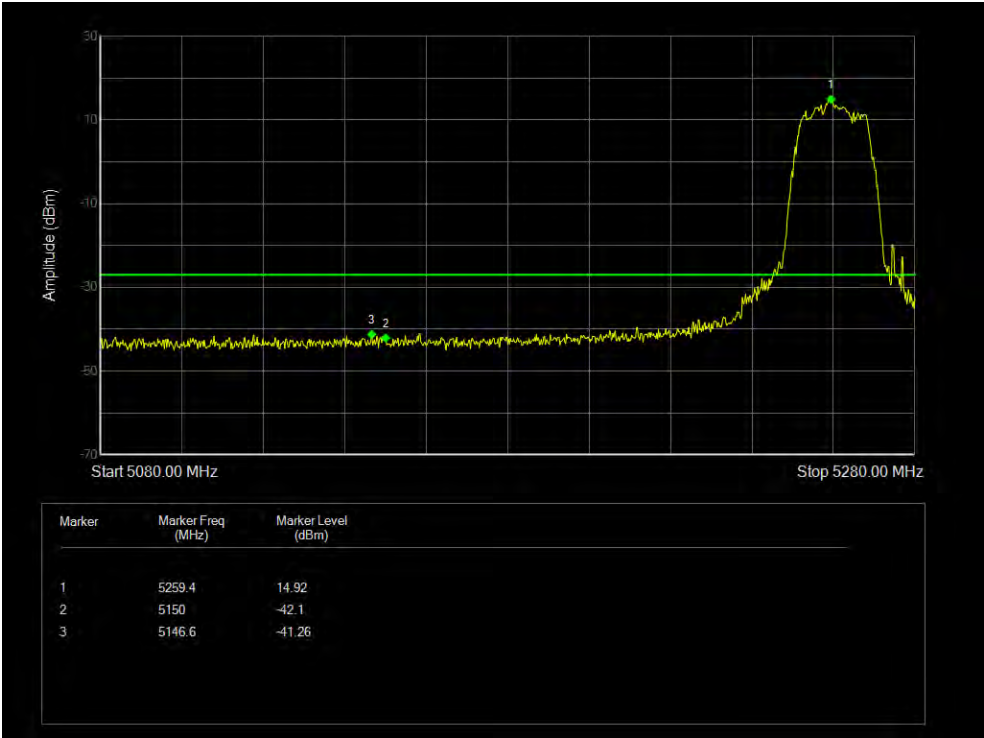
Band Edge NVNT 802.11ac80 5290MHz High Sum



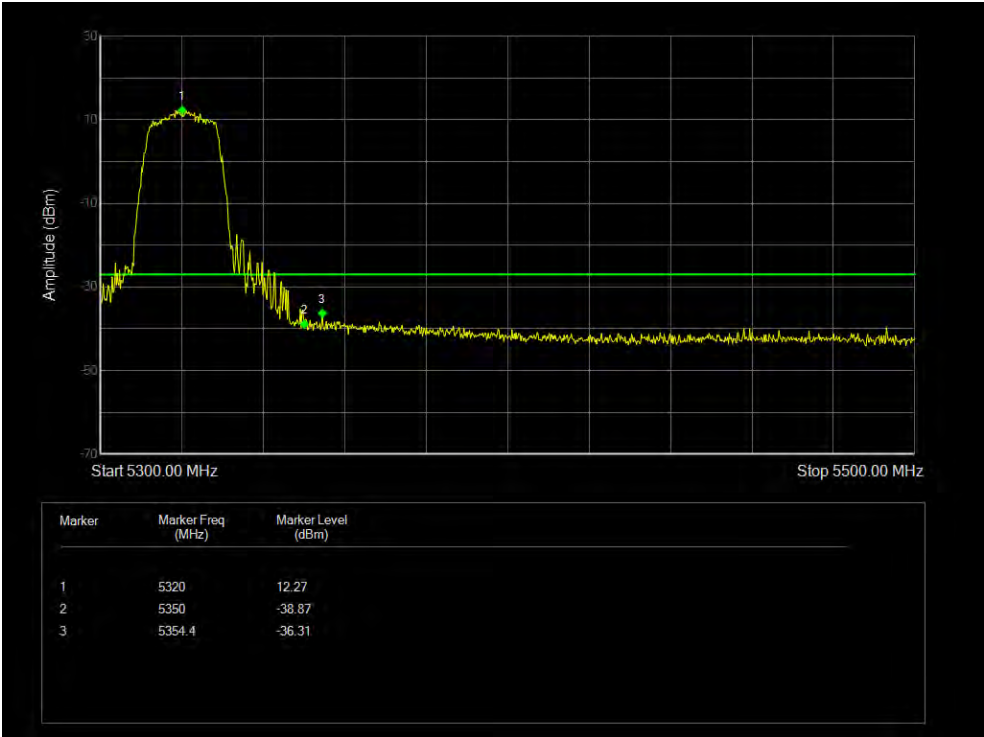
Band Edge NVNT 802.11ac80 5290MHz Low Sum



Band Edge NVNT 802.11n(HT20) 5260MHz Low Sum



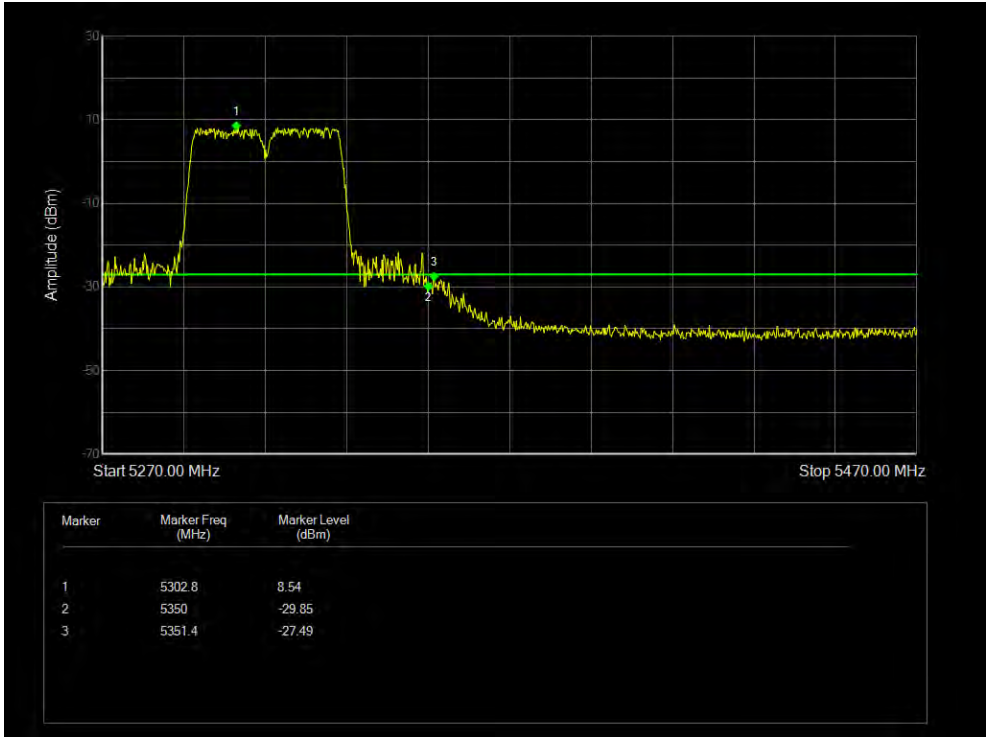
Band Edge NVNT 802.11n(HT20) 5320MHz High Sum



Band Edge NVNT 802.11n(HT40) 5270MHz Low Sum



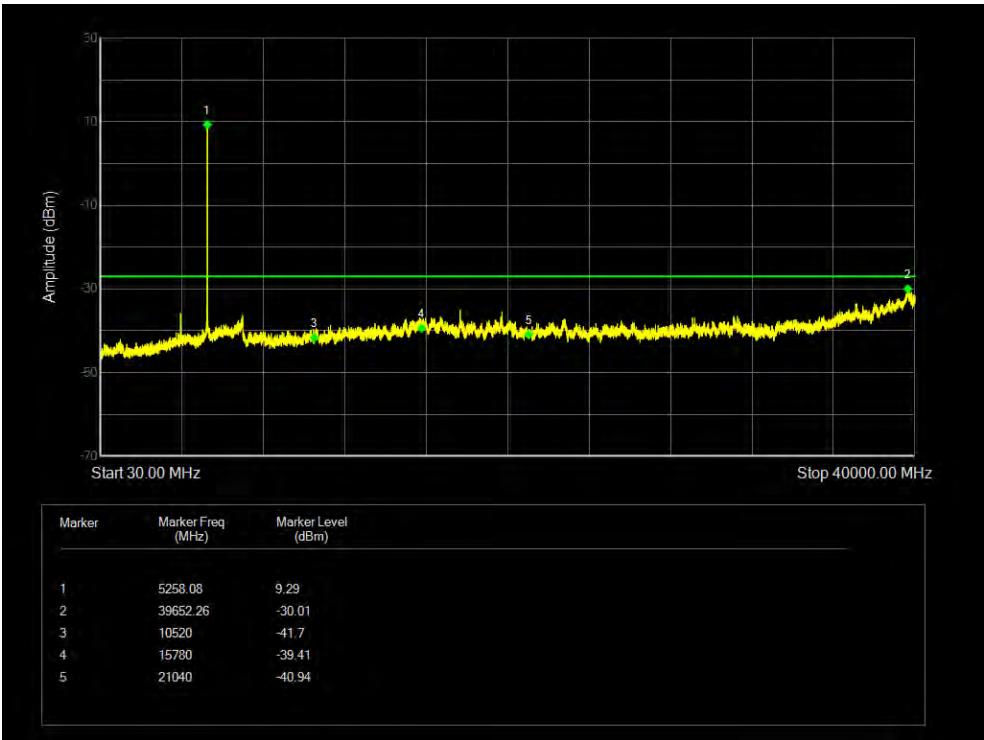
Band Edge NVNT 802.11n(HT40) 5310MHz High Sum



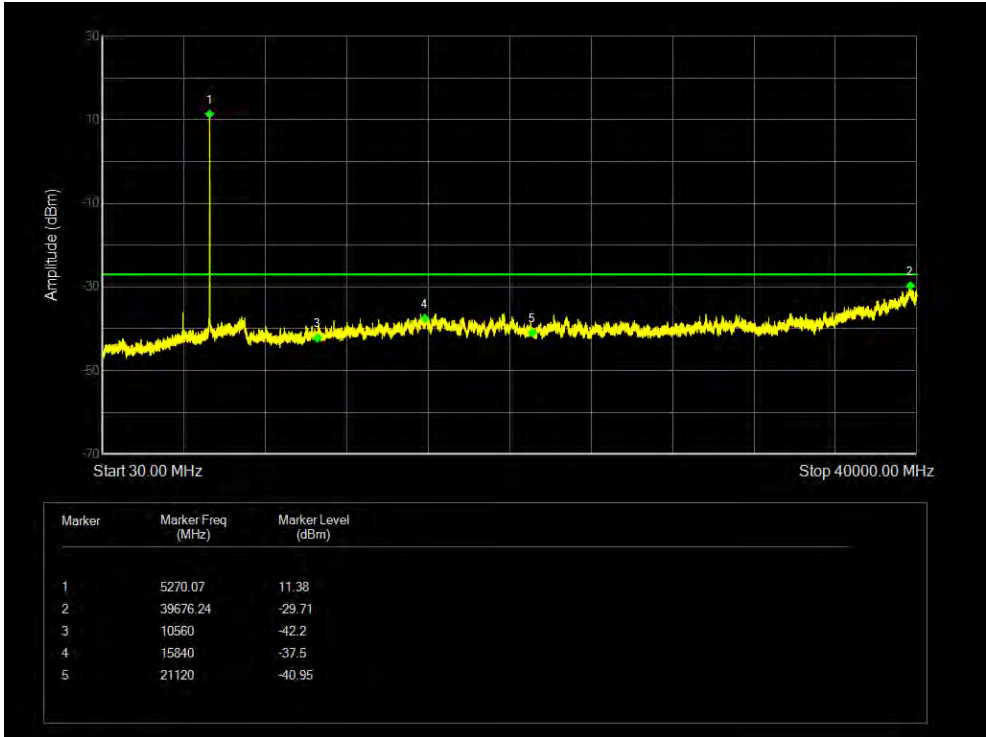
Conducted RF Spurious Emission

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11ac20    | 5260            | Sum     | -30.01          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5280            | Sum     | -29.71          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5320            | Sum     | -31.95          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5270            | Sum     | -29.44          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5310            | Sum     | -30.37          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5290            | Sum     | -30.15          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5260            | Sum     | -29.44          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5280            | Sum     | -29.77          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5320            | Sum     | -30.4           | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5270            | Sum     | -29.68          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5310            | Sum     | -30.66          | -27         | Pass    |

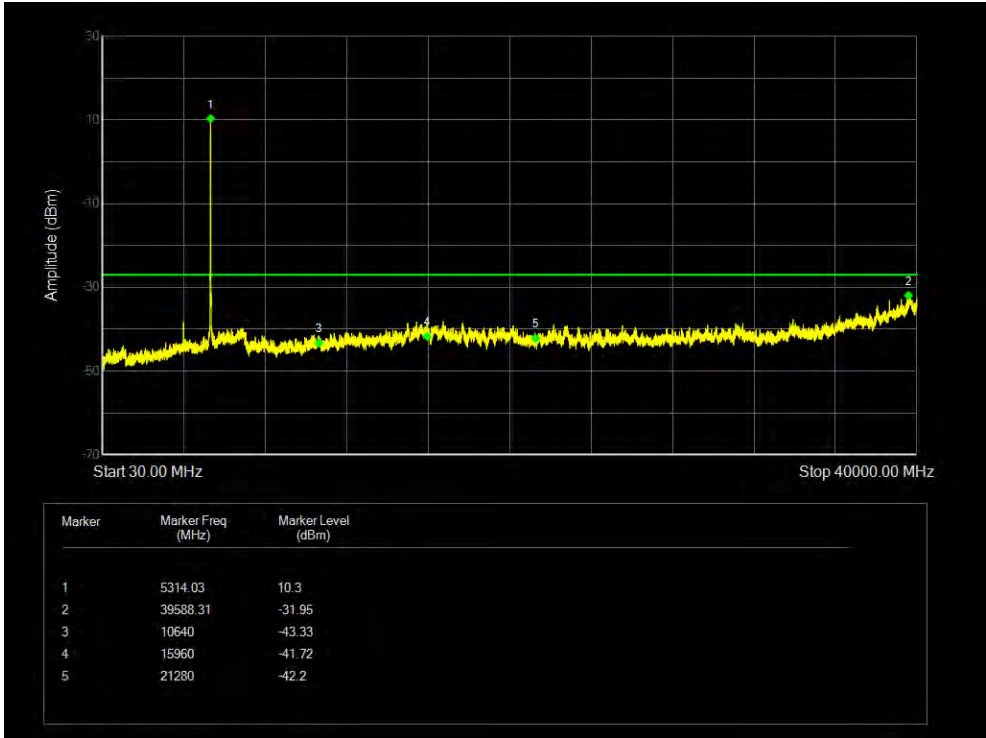
Tx. Spurious NVNT 802.11ac20 5260MHz Sum Emission



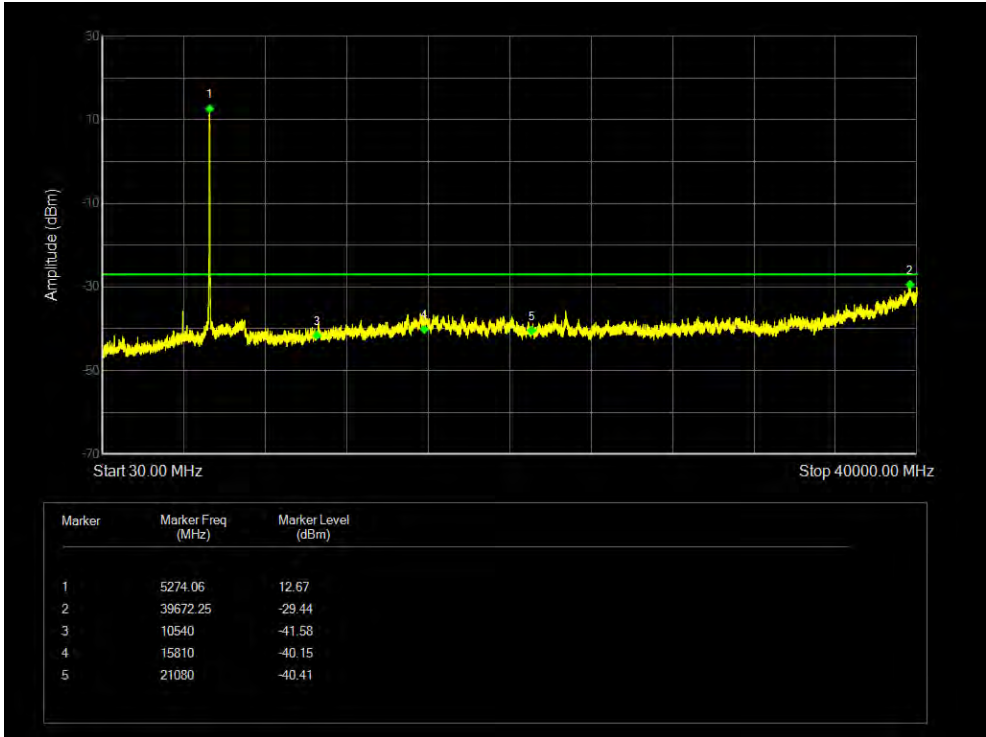
Tx. Spurious NVNT 802.11ac20 5280MHz Sum Emission



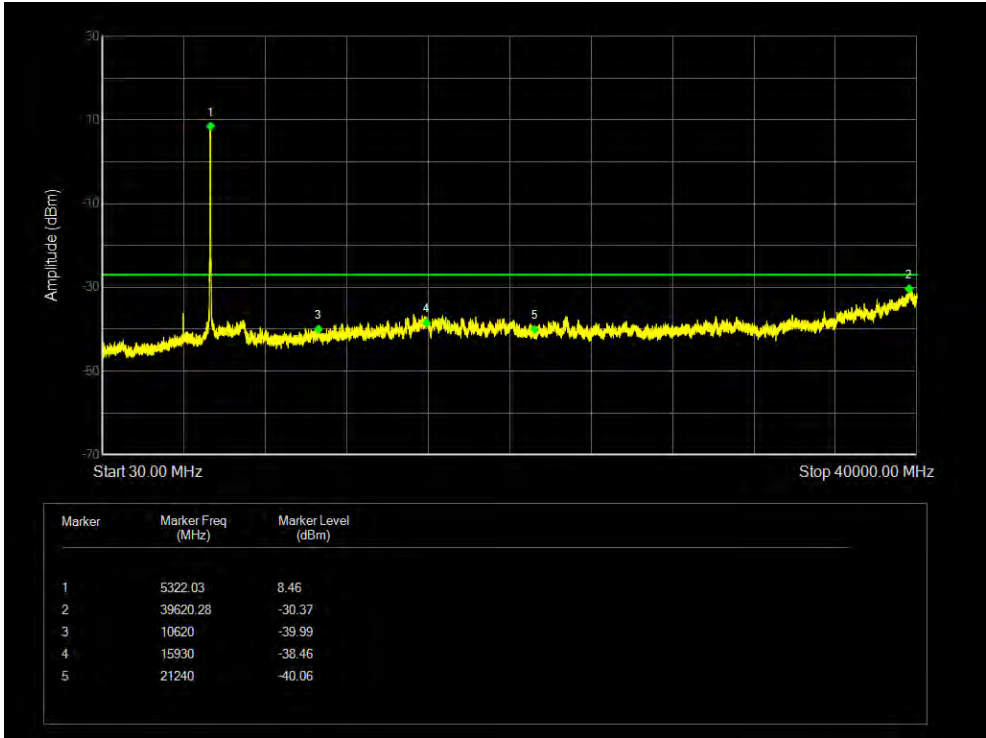
Tx. Spurious NVNT 802.11ac20 5320MHz Sum Emission



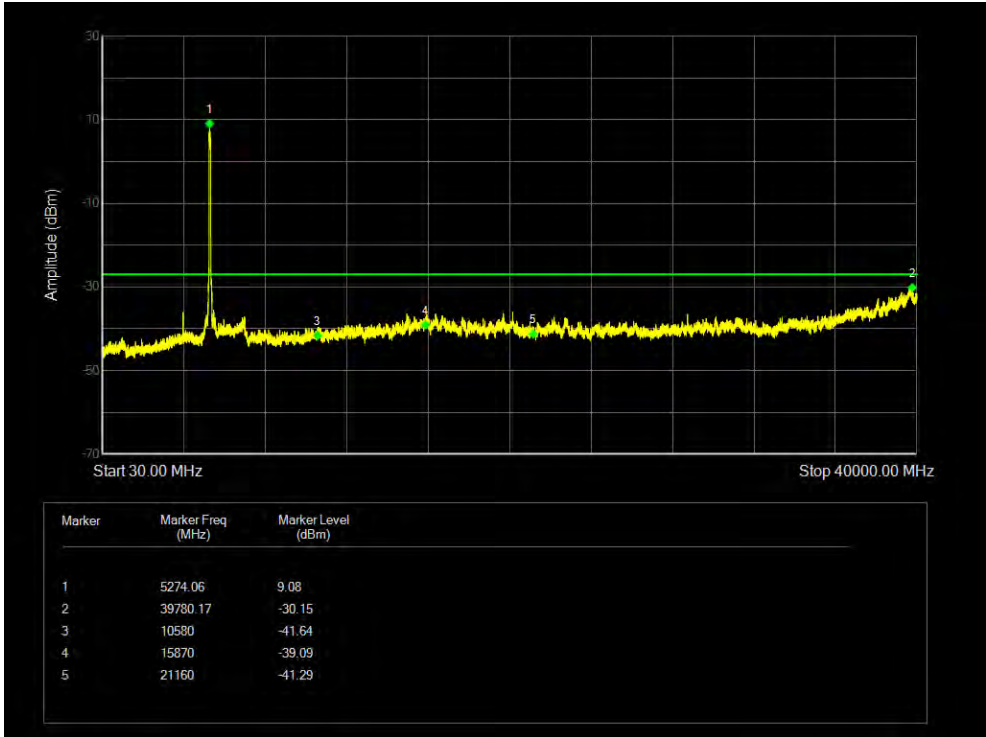
Tx. Spurious NVNT 802.11ac40 5270MHz Sum Emission



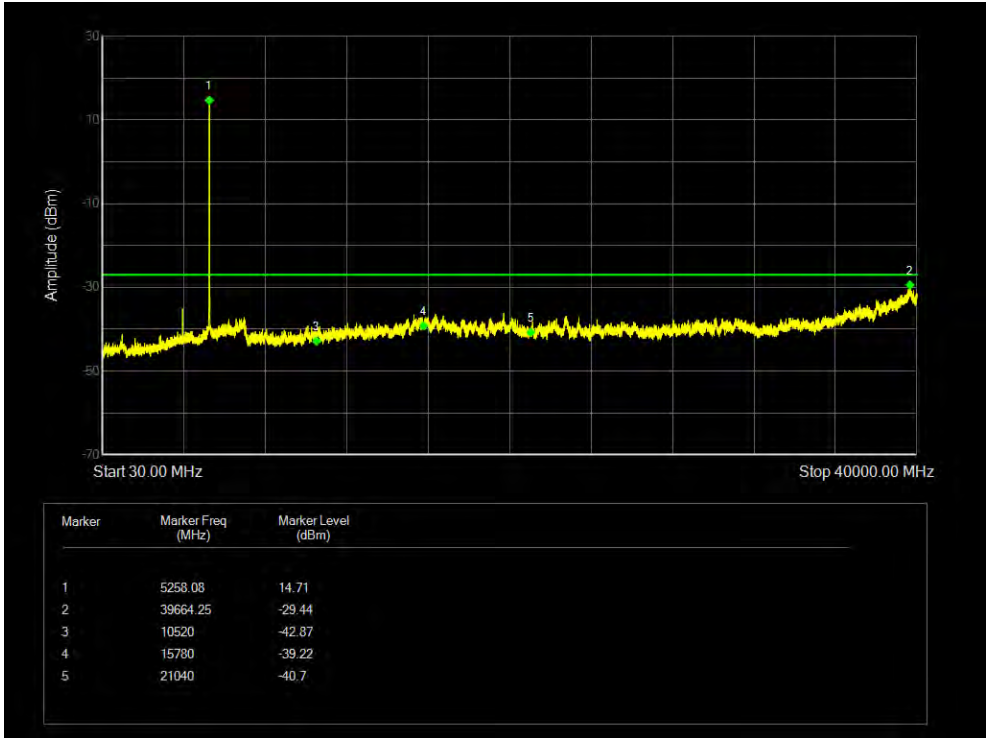
Tx. Spurious NVNT 802.11ac40 5310MHz Sum Emission



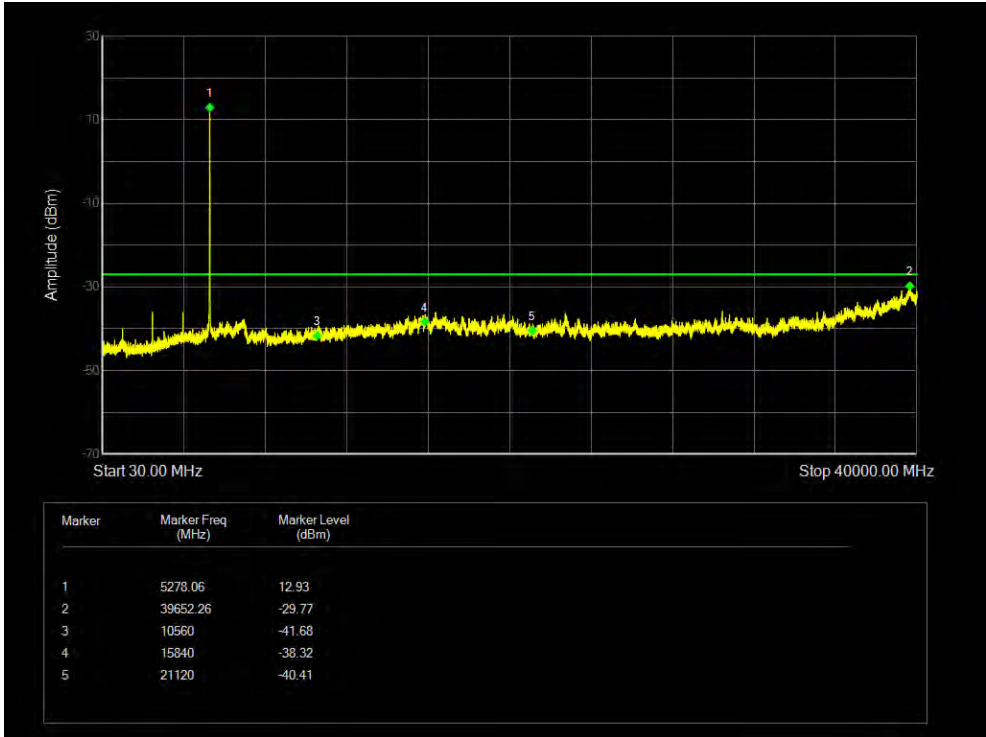
Tx. Spurious NVNT 802.11ac80 5290MHz Sum Emission



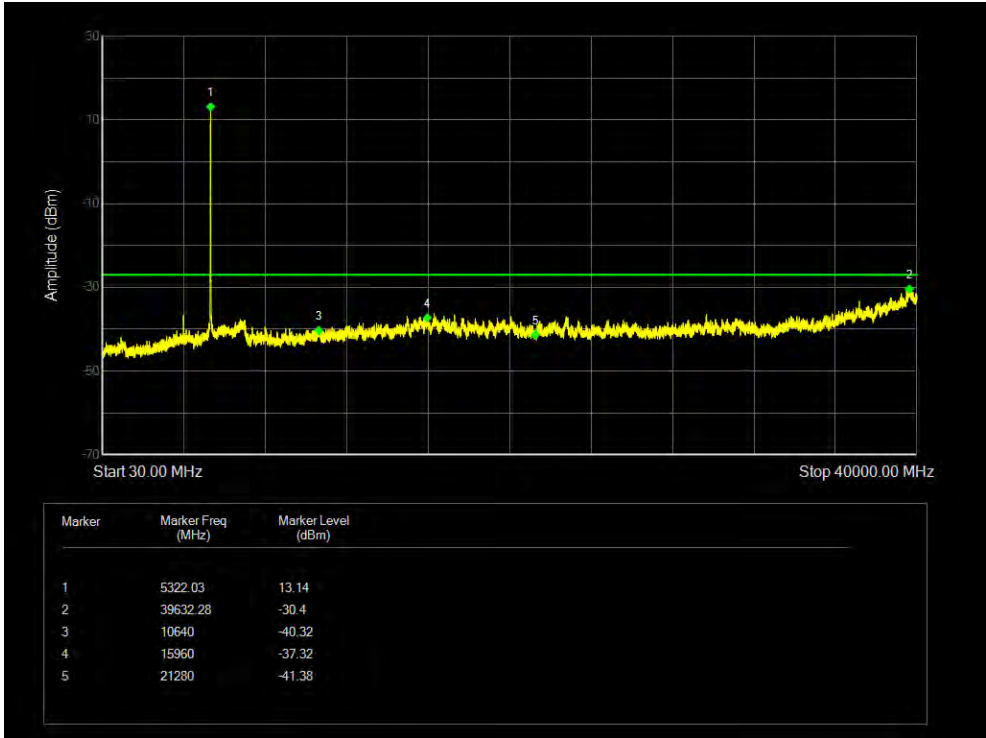
Tx. Spurious NVNT 802.11n(HT20) 5260MHz Sum Emission



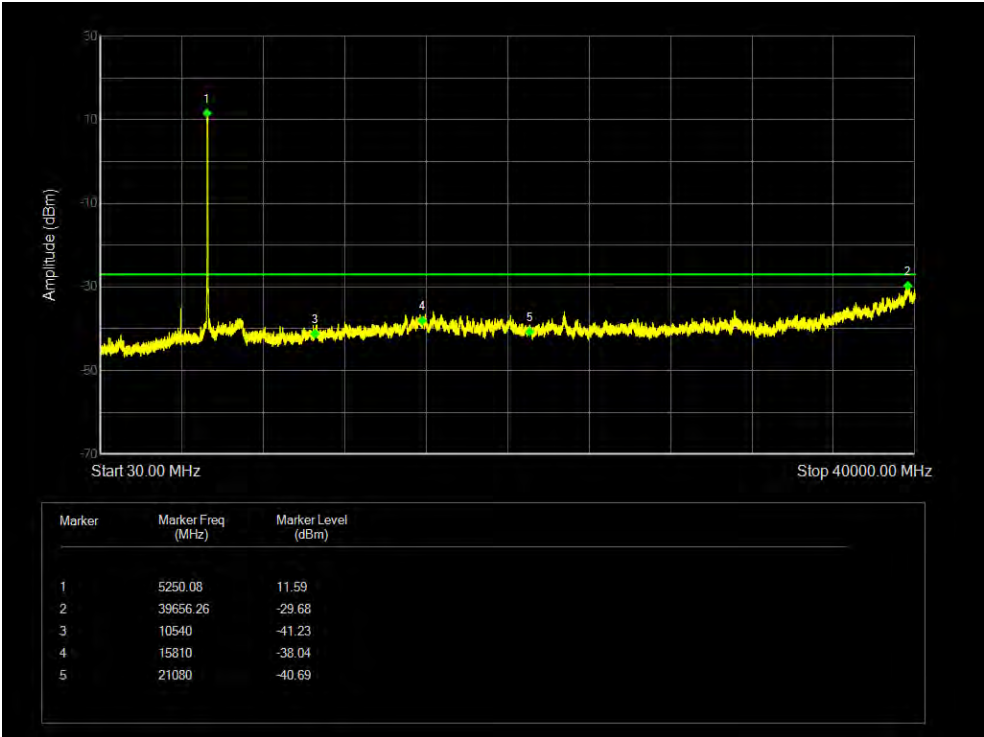
Tx. Spurious NVNT 802.11n(HT20) 5280MHz Sum Emission



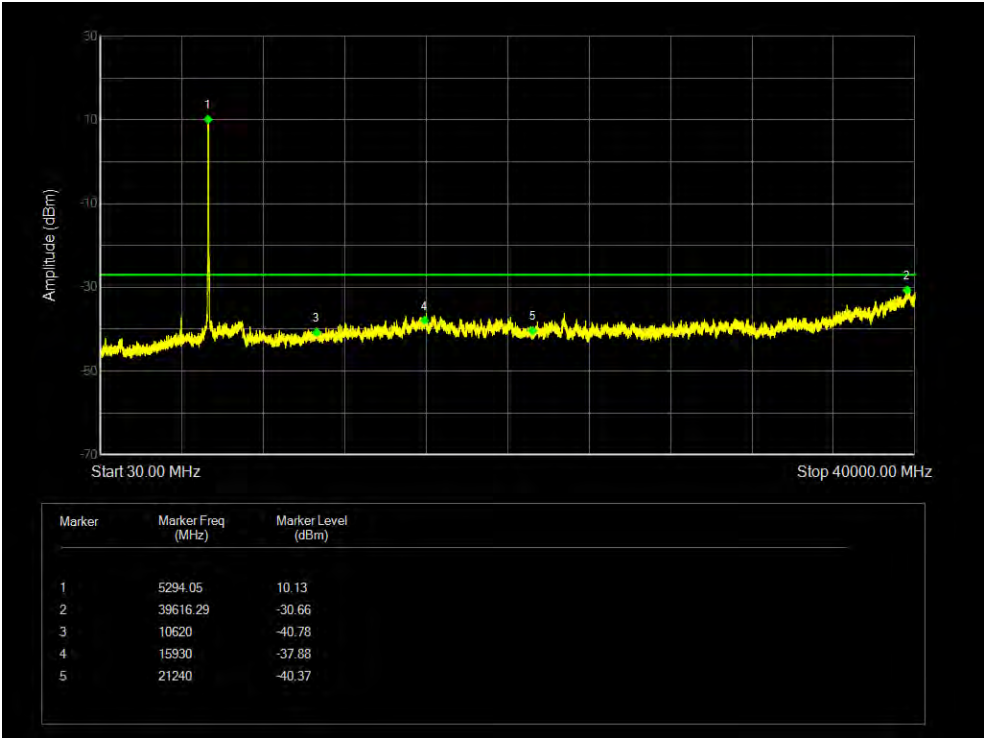
Tx. Spurious NVNT 802.11n(HT20) 5320MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5270MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5310MHz Sum Emission

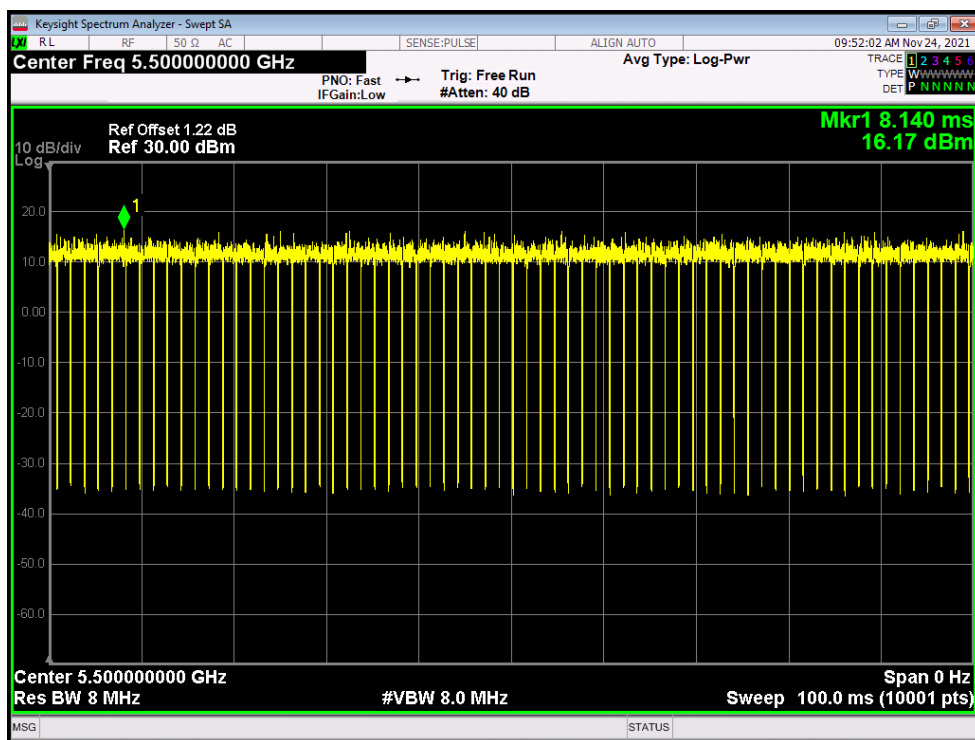


5.6G:

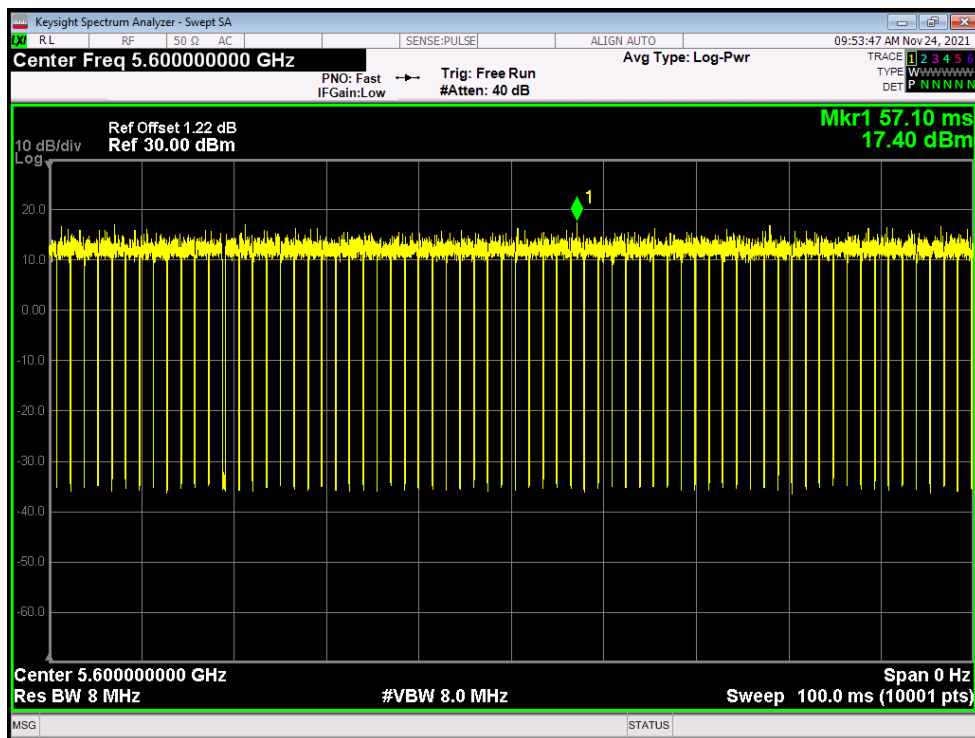
### Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5500            | Ant1    | 94.05          | 0.27                   |
| NVNT      | a    | 5600            | Ant1    | 93.78          | 0.28                   |
| NVNT      | a    | 5700            | Ant1    | 94.06          | 0.27                   |
| NVNT      | a    | 5500            | Ant2    | 94.06          | 0.27                   |
| NVNT      | a    | 5600            | Ant2    | 94.06          | 0.27                   |
| NVNT      | a    | 5700            | Ant2    | 94.07          | 0.27                   |
| NVNT      | ac20 | 5500            | Ant1    | 99.56          | 0.02                   |
| NVNT      | ac20 | 5600            | Ant1    | 99.55          | 0.02                   |
| NVNT      | ac20 | 5700            | Ant1    | 99.55          | 0.02                   |
| NVNT      | ac20 | 5500            | Ant2    | 99.57          | 0.02                   |
| NVNT      | ac20 | 5600            | Ant2    | 99.54          | 0.02                   |
| NVNT      | ac20 | 5700            | Ant2    | 99.54          | 0.02                   |
| NVNT      | ac40 | 5510            | Ant1    | 99.42          | 0.03                   |
| NVNT      | ac40 | 5590            | Ant1    | 99.42          | 0.03                   |
| NVNT      | ac40 | 5670            | Ant1    | 99.43          | 0.02                   |
| NVNT      | ac40 | 5510            | Ant2    | 99.42          | 0.03                   |
| NVNT      | ac40 | 5590            | Ant2    | 99.42          | 0.03                   |
| NVNT      | ac40 | 5670            | Ant2    | 99.4           | 0.03                   |
| NVNT      | ac80 | 5530            | Ant1    | 45.84          | 3.39                   |
| NVNT      | ac80 | 5610            | Ant1    | 45.82          | 3.39                   |
| NVNT      | ac80 | 5530            | Ant2    | 45.73          | 3.4                    |
| NVNT      | ac80 | 5610            | Ant2    | 45.8           | 3.39                   |
| NVNT      | n20  | 5500            | Ant1    | 93.69          | 0.28                   |
| NVNT      | n20  | 5600            | Ant1    | 93.7           | 0.28                   |
| NVNT      | n20  | 5700            | Ant1    | 93.68          | 0.28                   |
| NVNT      | n20  | 5500            | Ant2    | 93.71          | 0.28                   |
| NVNT      | n20  | 5600            | Ant2    | 93.68          | 0.28                   |
| NVNT      | n20  | 5700            | Ant2    | 93.68          | 0.28                   |
| NVNT      | n40  | 5510            | Ant1    | 88.07          | 0.55                   |
| NVNT      | n40  | 5590            | Ant1    | 88.1           | 0.55                   |
| NVNT      | n40  | 5670            | Ant1    | 88.07          | 0.55                   |
| NVNT      | n40  | 5510            | Ant2    | 88.12          | 0.55                   |
| NVNT      | n40  | 5590            | Ant2    | 88.07          | 0.55                   |
| NVNT      | n40  | 5670            | Ant2    | 88.07          | 0.55                   |

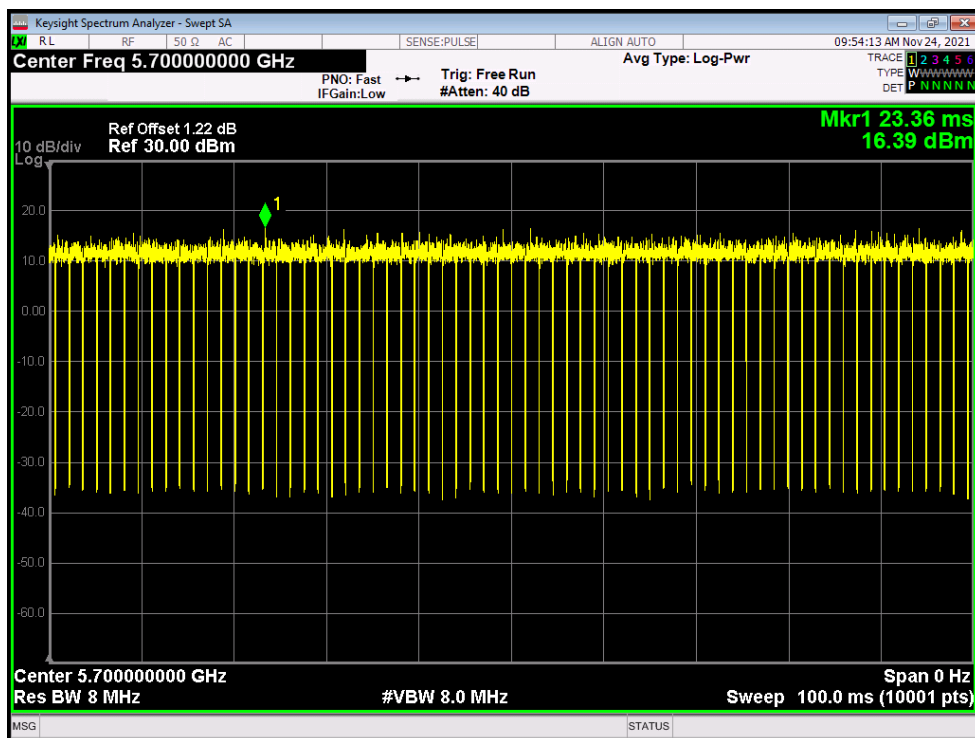
Duty Cycle NVNT a 5500MHz Ant1



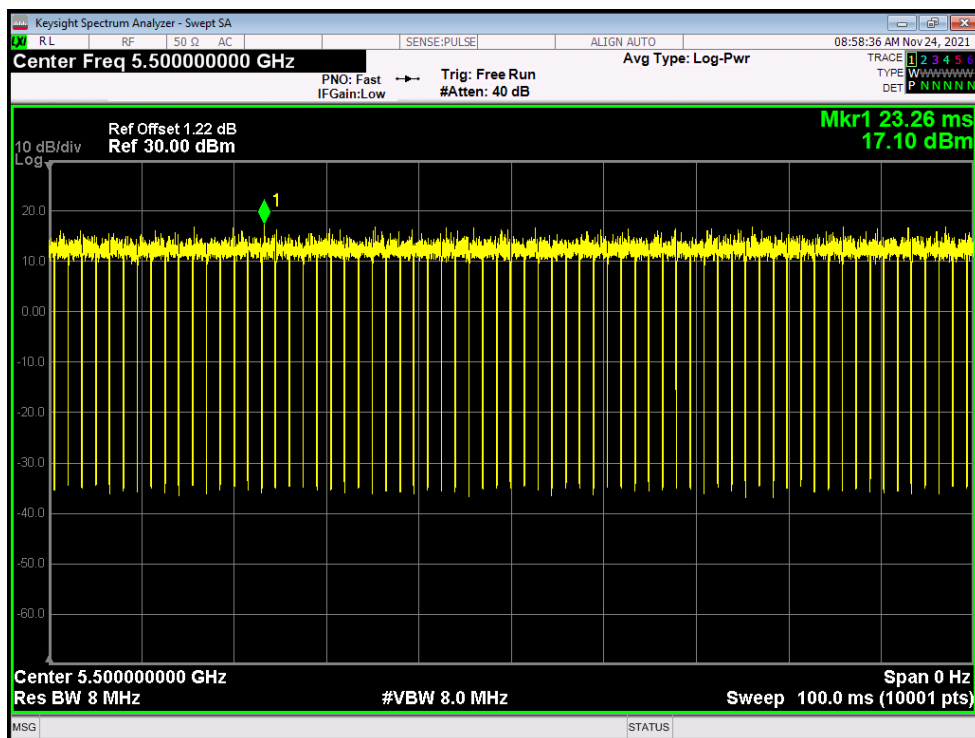
Duty Cycle NVNT a 5600MHz Ant1



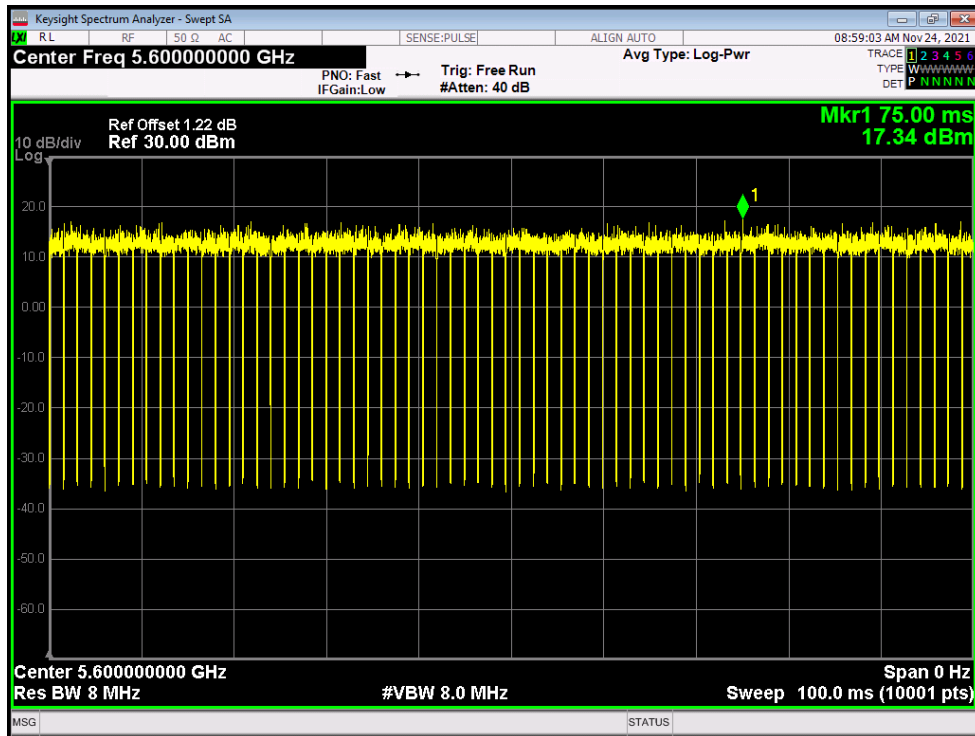
Duty Cycle NVNT a 5700MHz Ant1



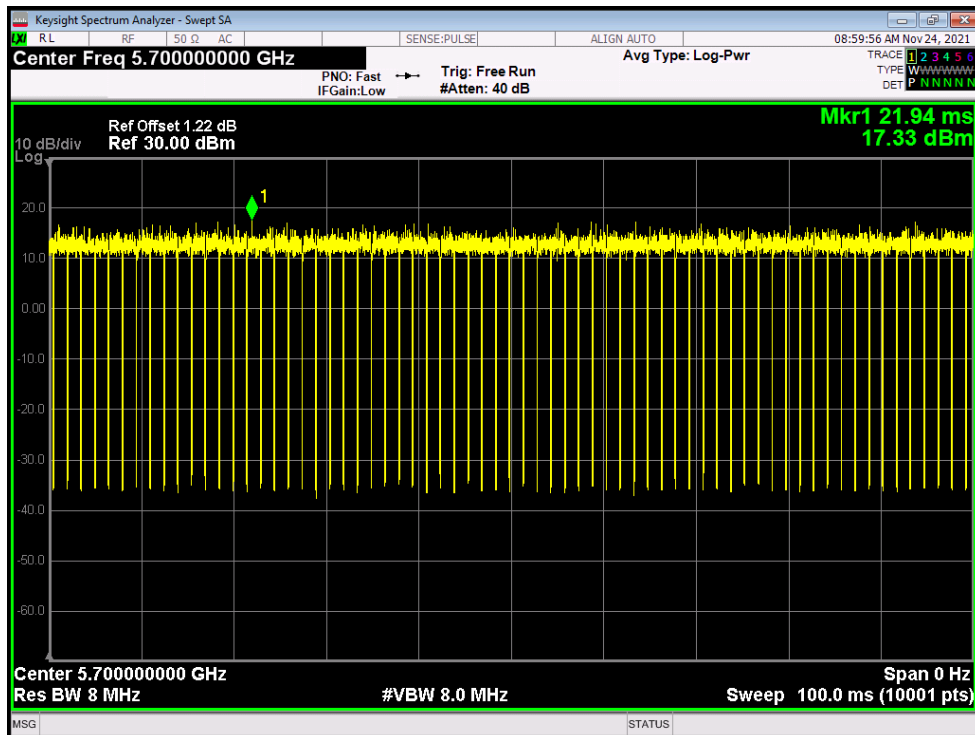
Duty Cycle NVNT a 5500MHz Ant2



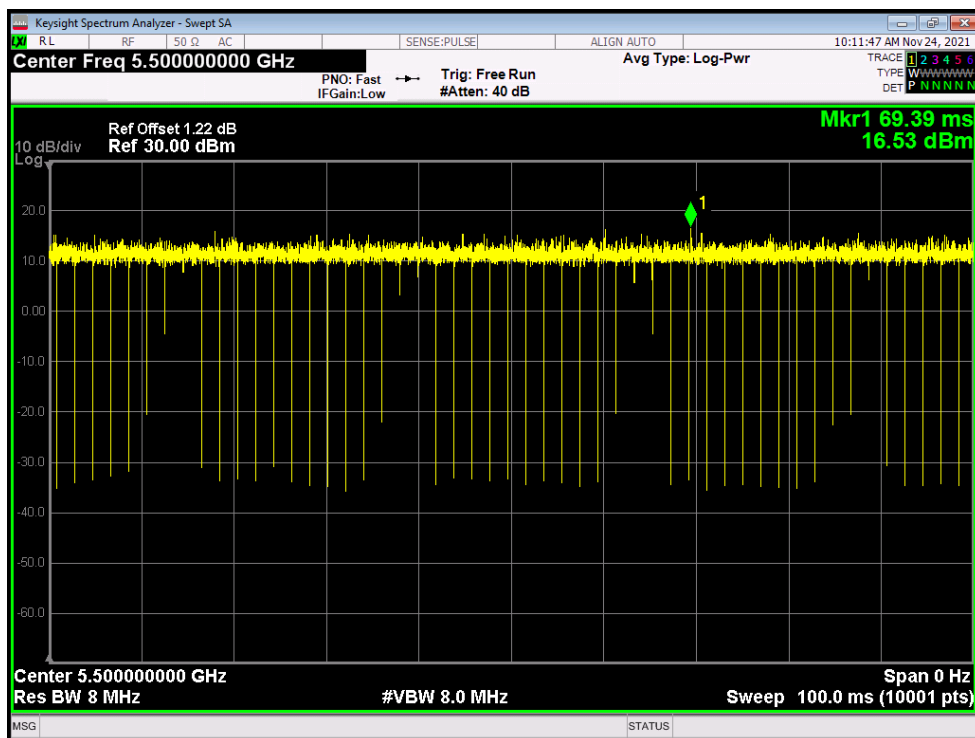
Duty Cycle NVNT a 5600MHz Ant2



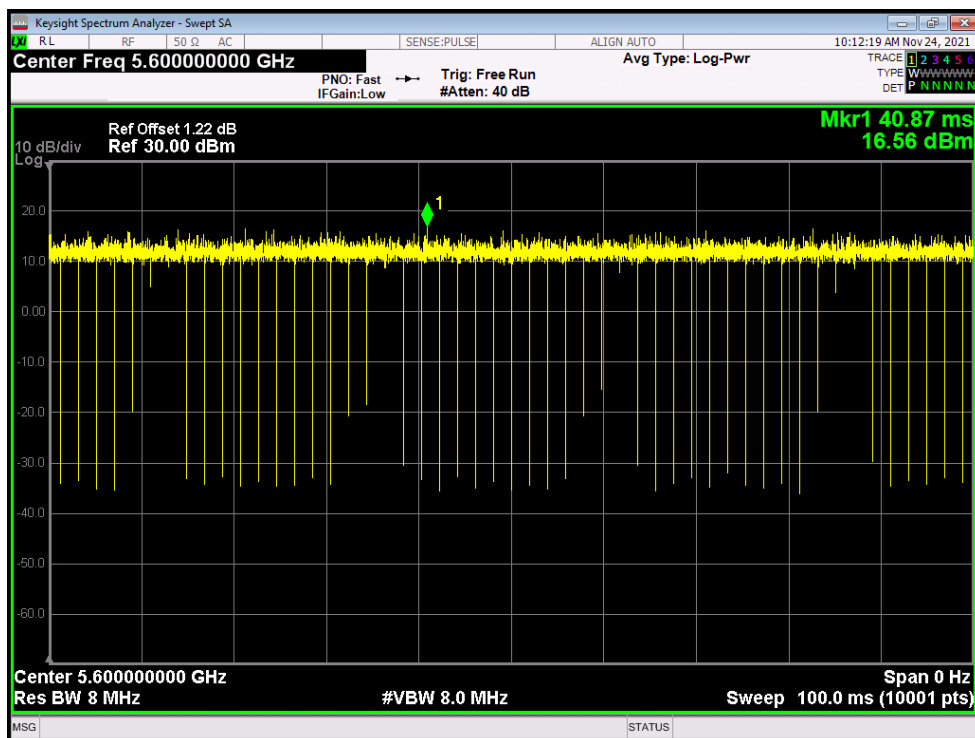
Duty Cycle NVNT a 5700MHz Ant2



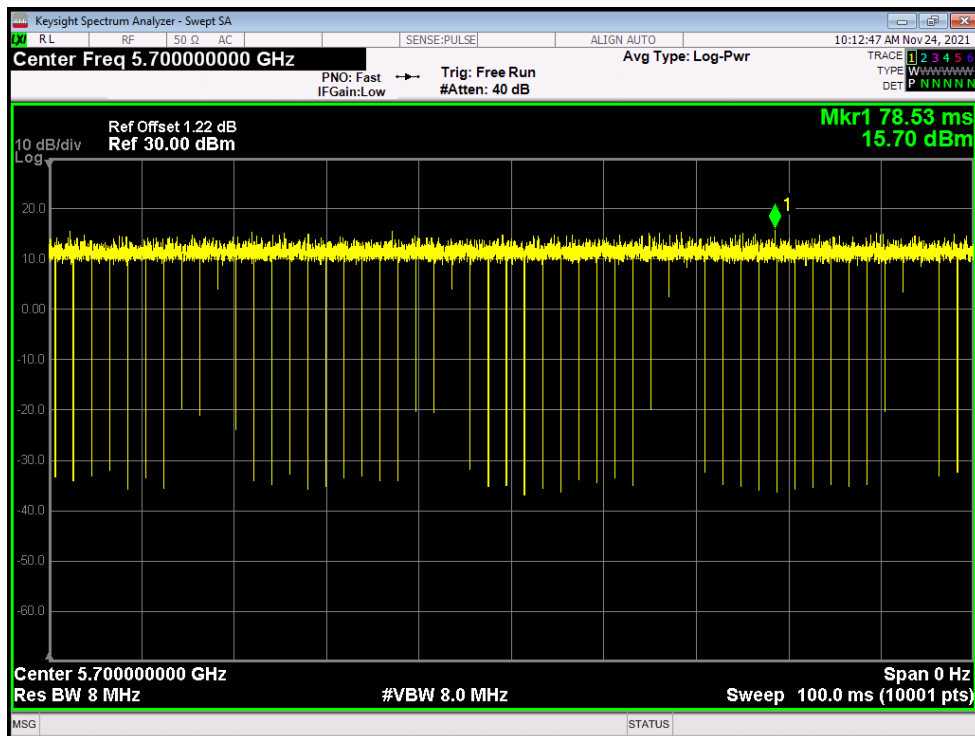
Duty Cycle NVNT ac20 5500MHz Ant1



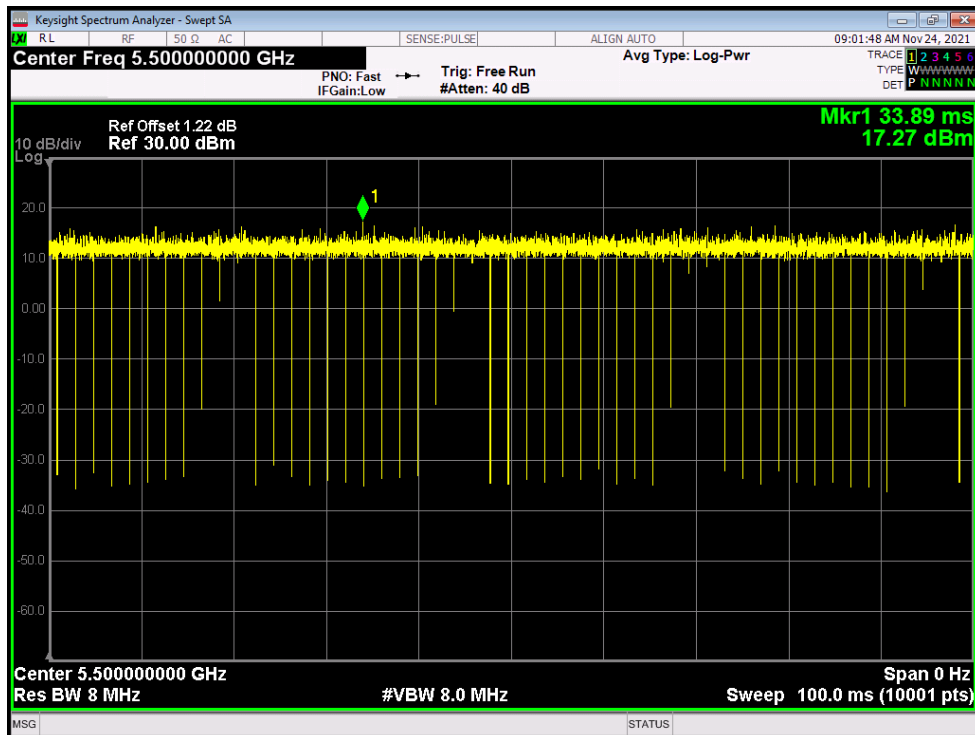
Duty Cycle NVNT ac20 5600MHz Ant1



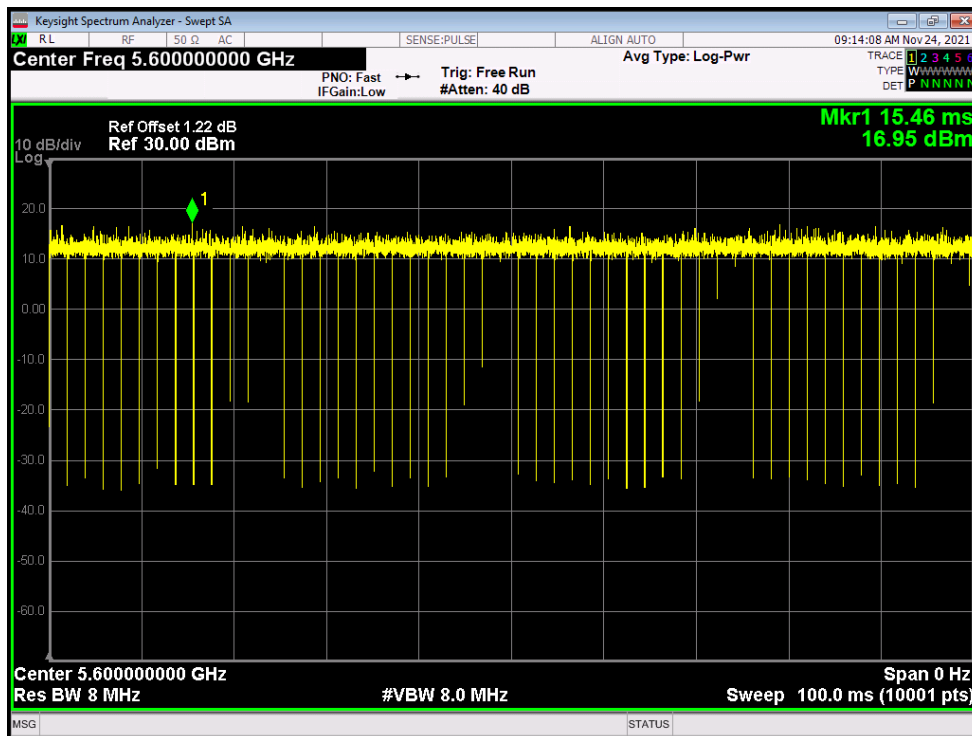
Duty Cycle NVNT ac20 5700MHz Ant1



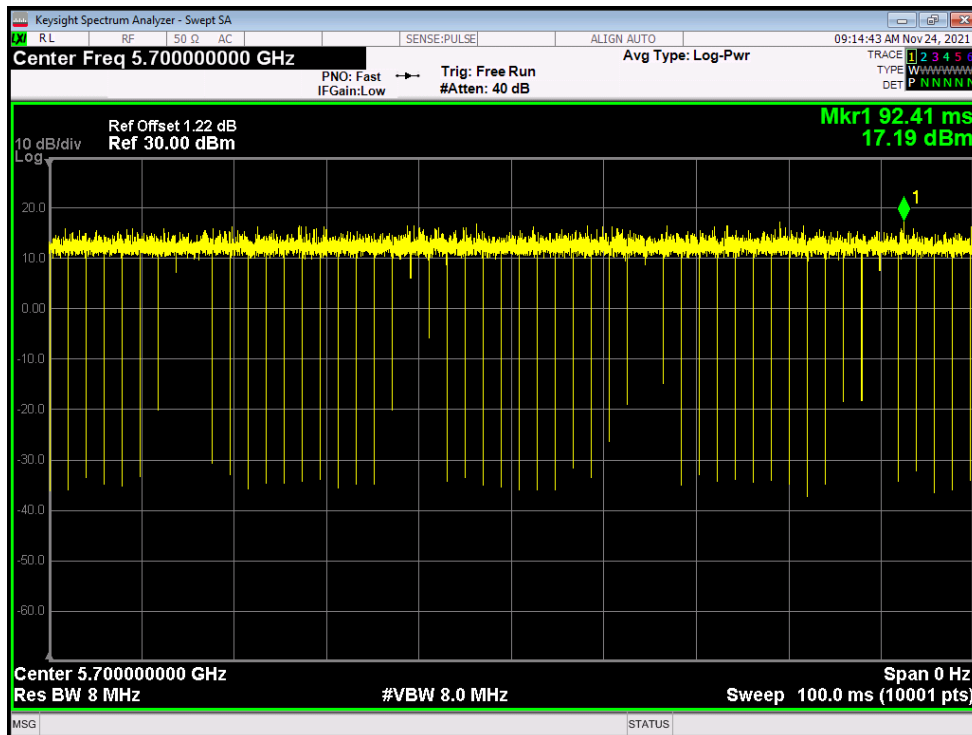
Duty Cycle NVNT ac20 5500MHz Ant2



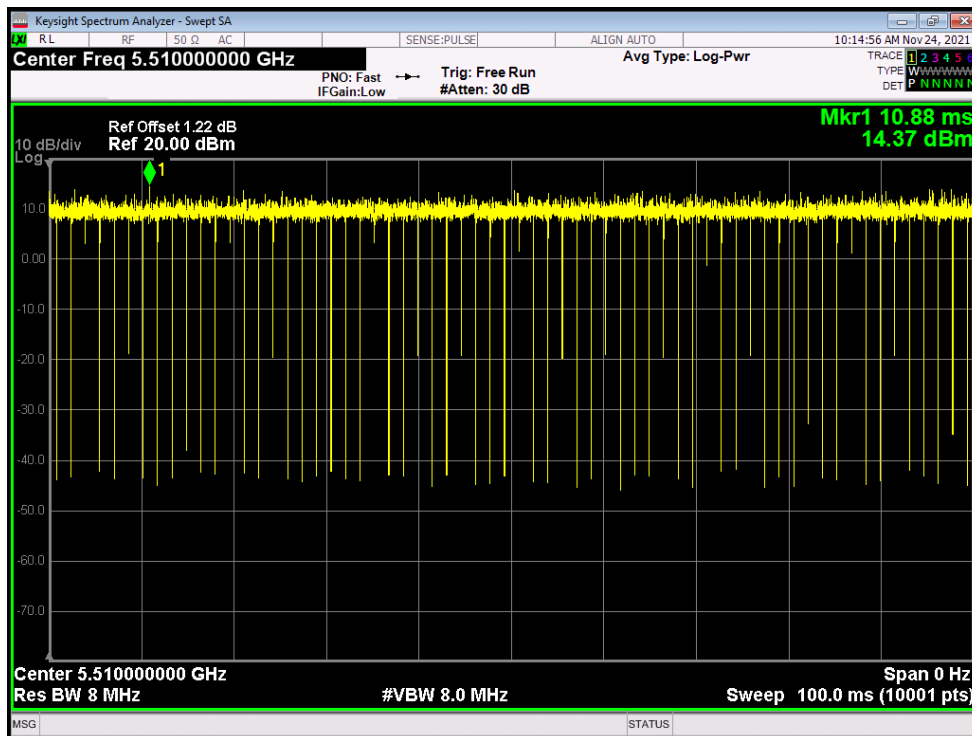
Duty Cycle NVNT ac20 5600MHz Ant2



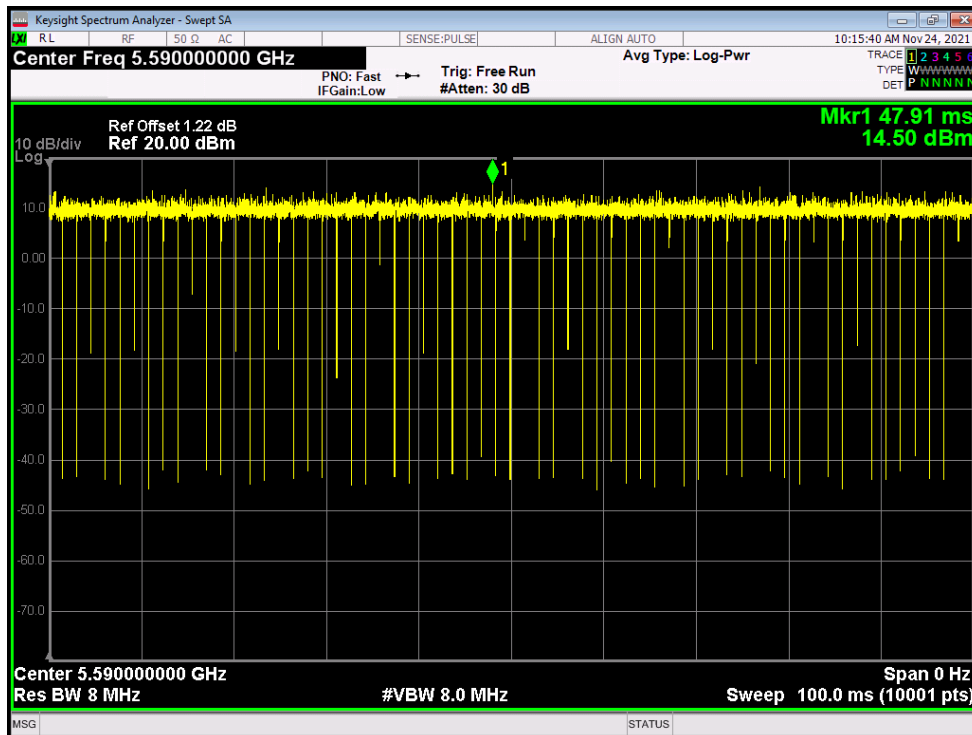
Duty Cycle NVNT ac20 5700MHz Ant2



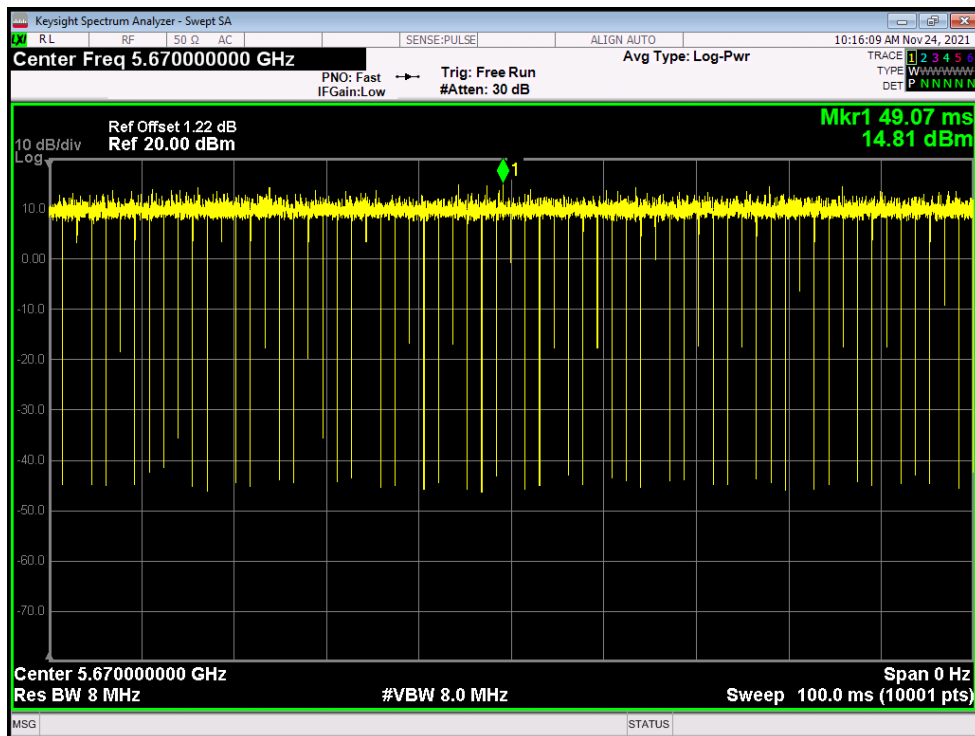
Duty Cycle NVNT ac40 5510MHz Ant1



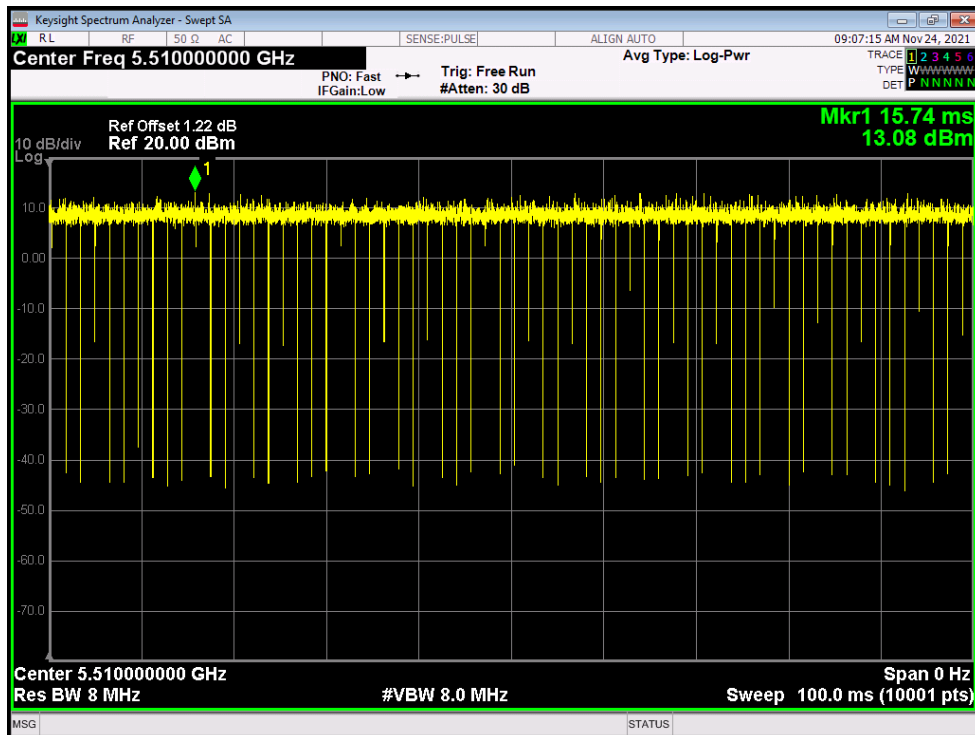
Duty Cycle NVNT ac40 5590MHz Ant1



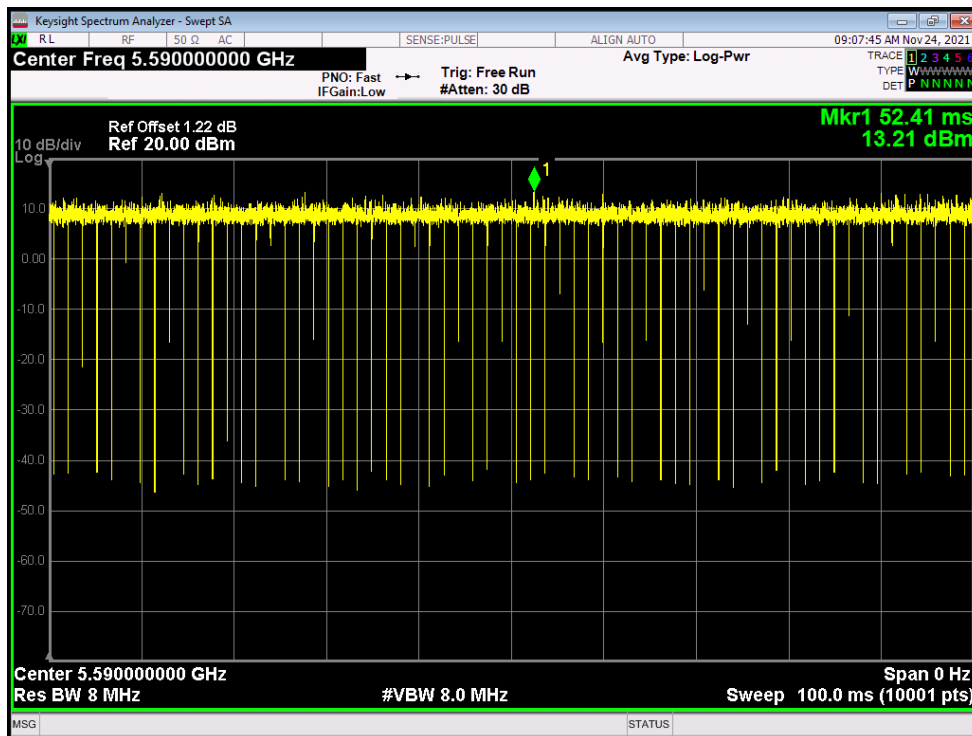
Duty Cycle NVNT ac40 5670MHz Ant1



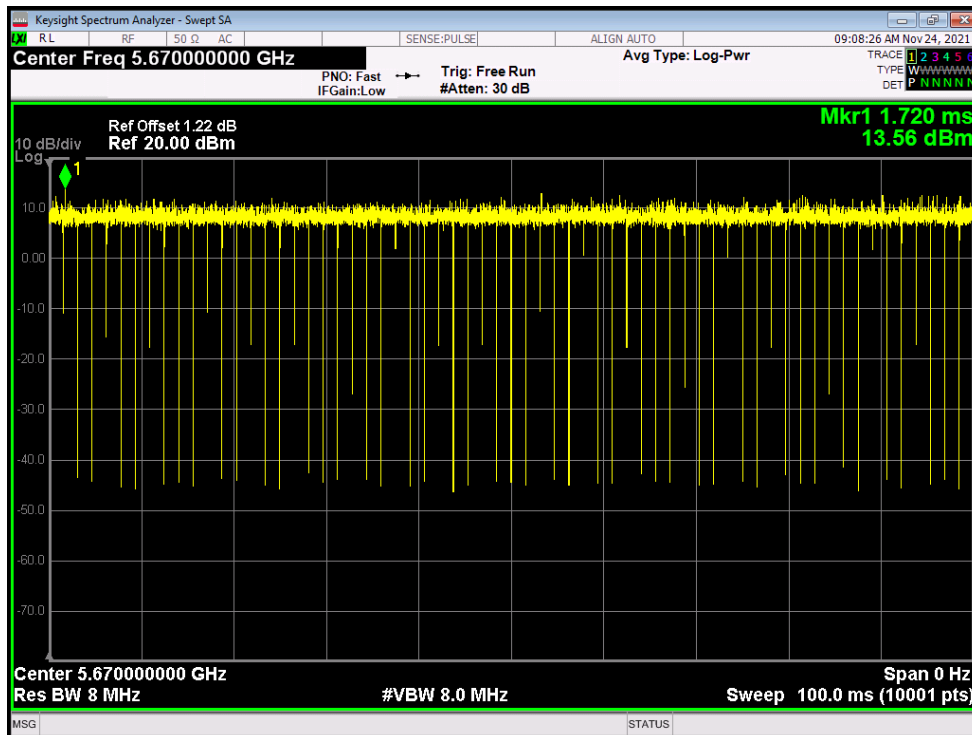
Duty Cycle NVNT ac40 5510MHz Ant2



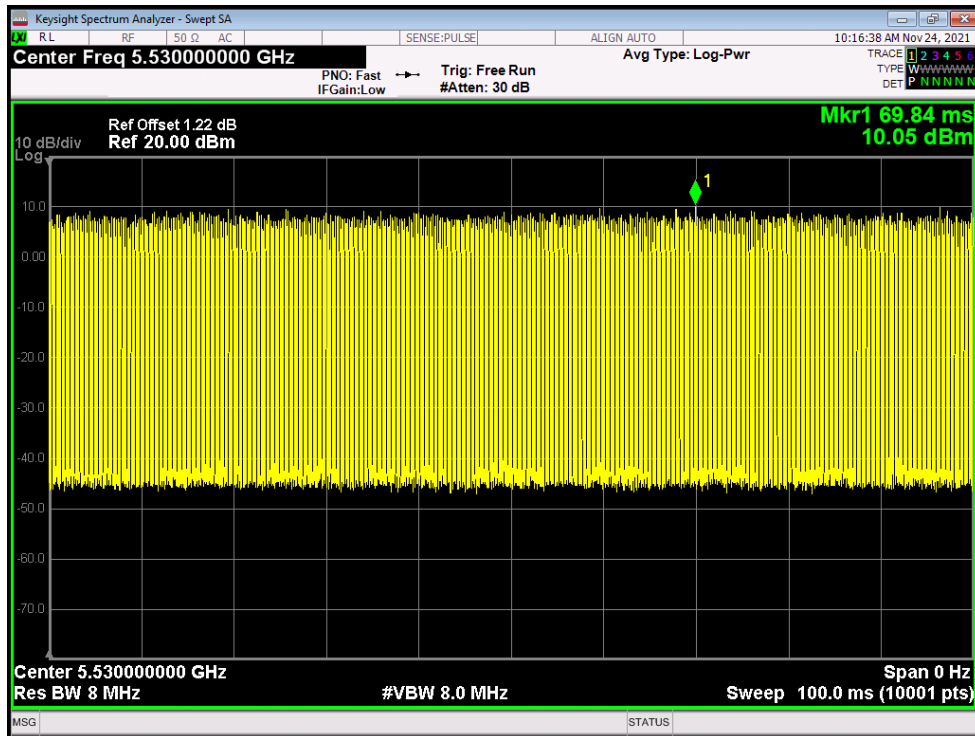
Duty Cycle NVNT ac40 5590MHz Ant2



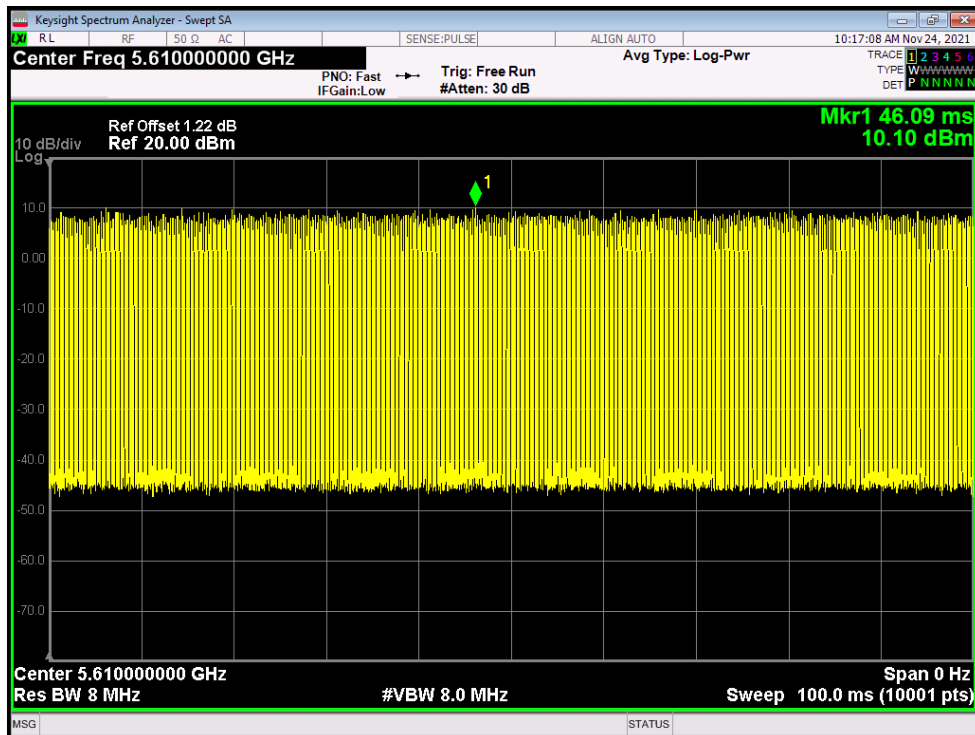
Duty Cycle NVNT ac40 5670MHz Ant2



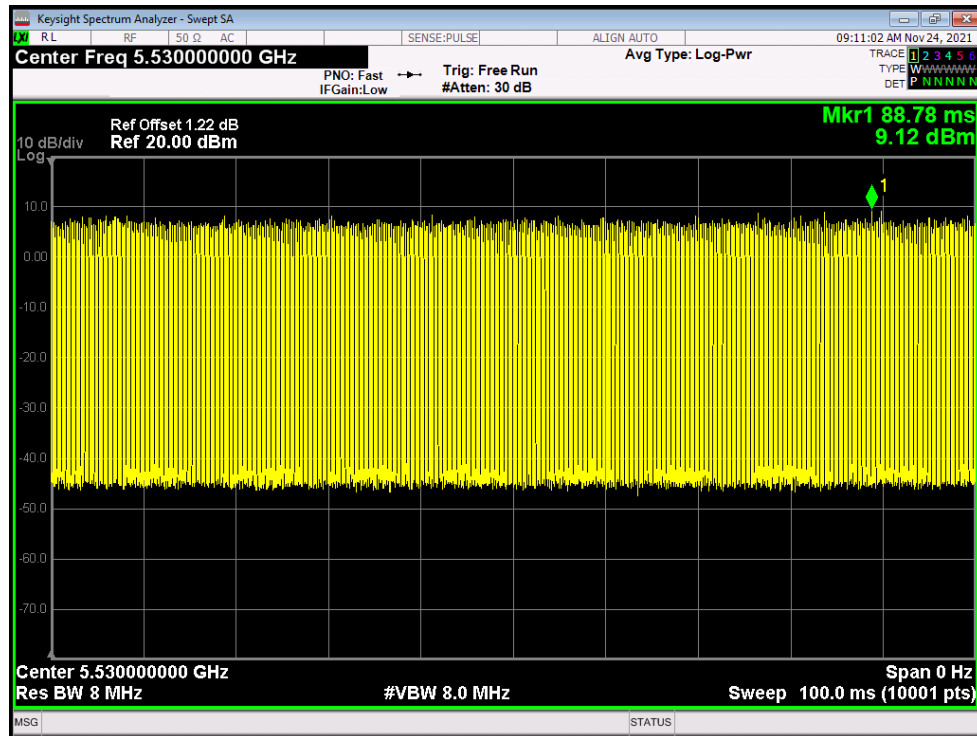
Duty Cycle NVNT ac80 5530MHz Ant1



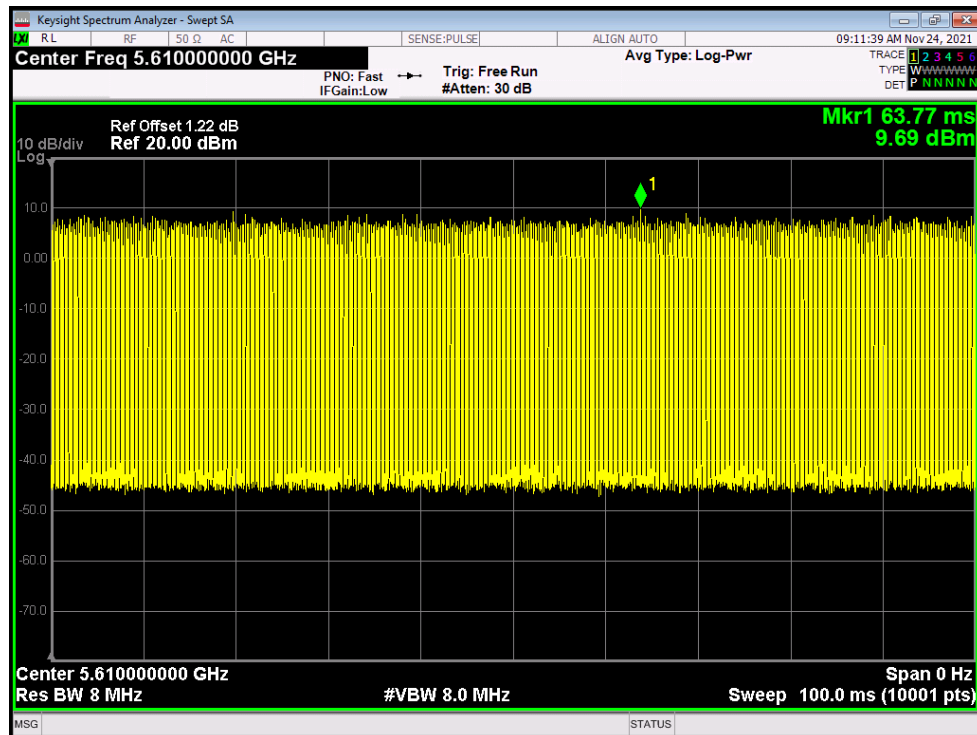
Duty Cycle NVNT ac80 5610MHz Ant1



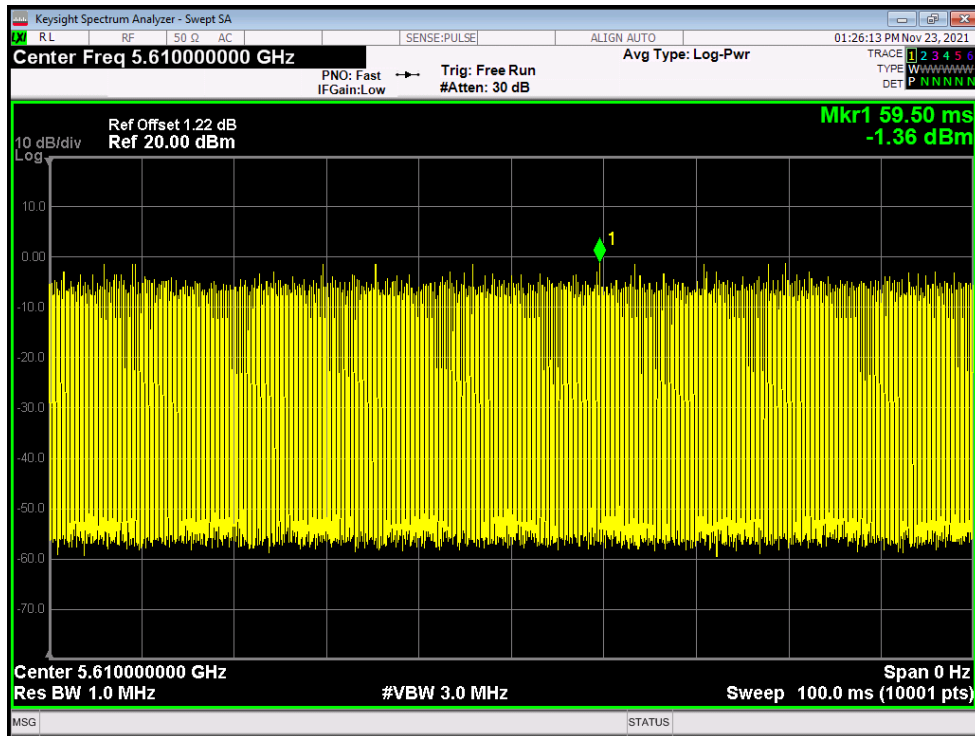
Duty Cycle NVNT ac80 5530MHz Ant2



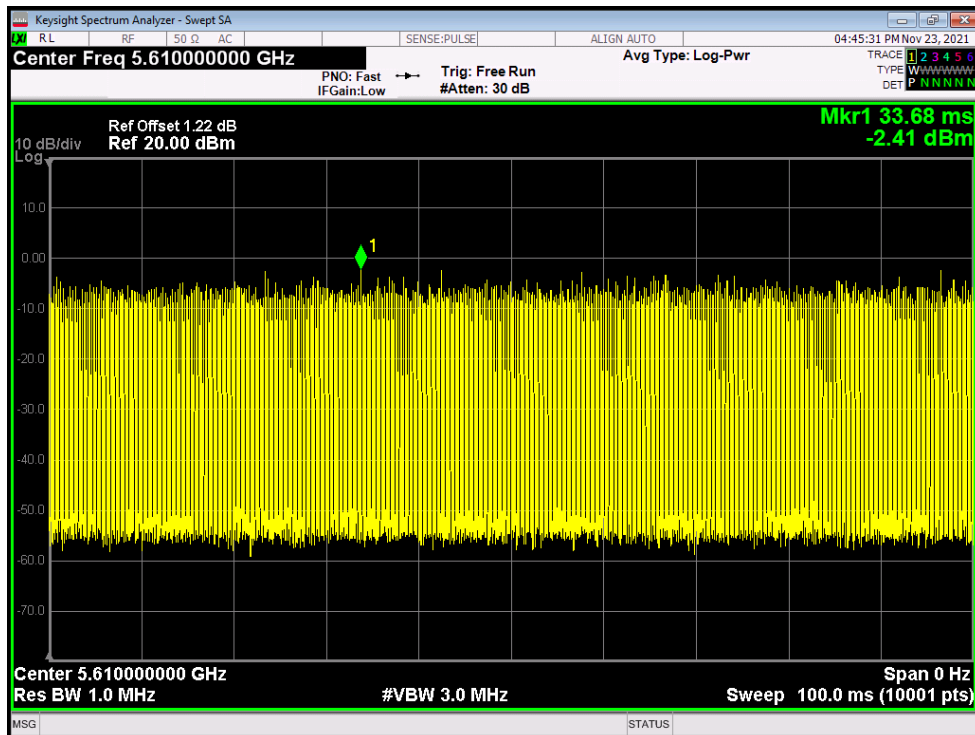
Duty Cycle NVNT ac80 5610MHz Ant2



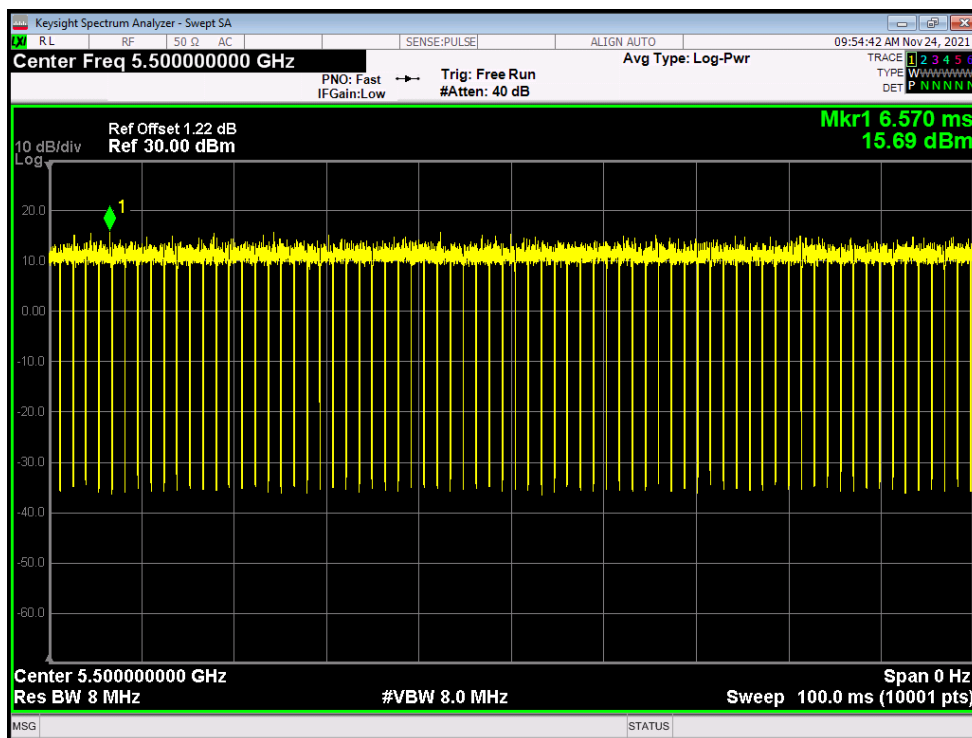
Duty Cycle NVNT ax80 5610MHz Ant1



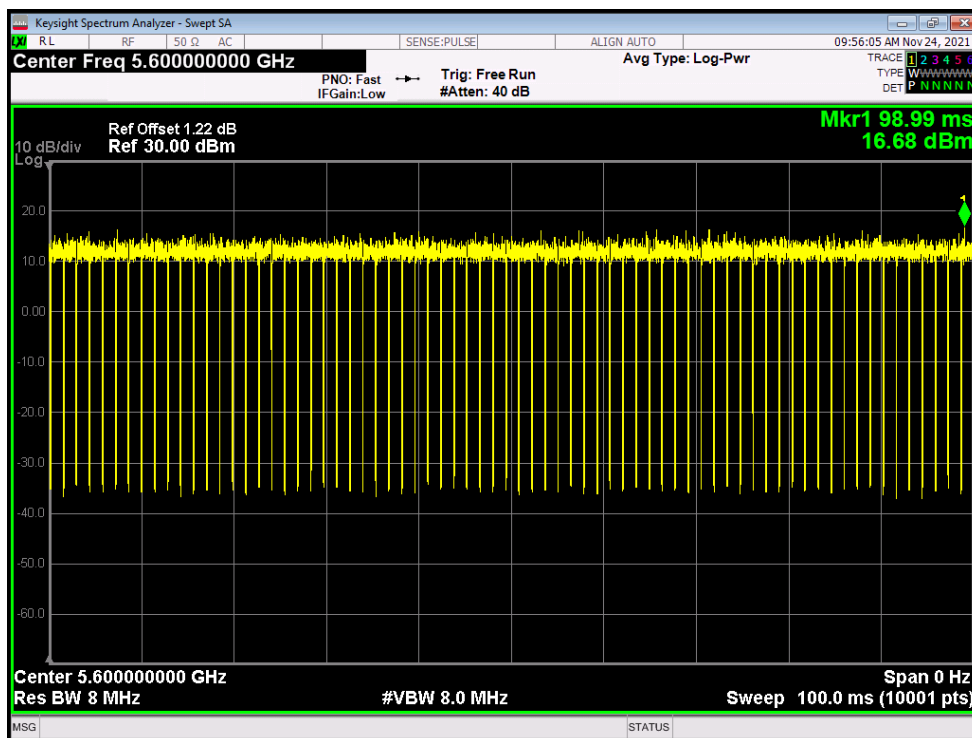
Duty Cycle NVNT ax80 5610MHz Ant2



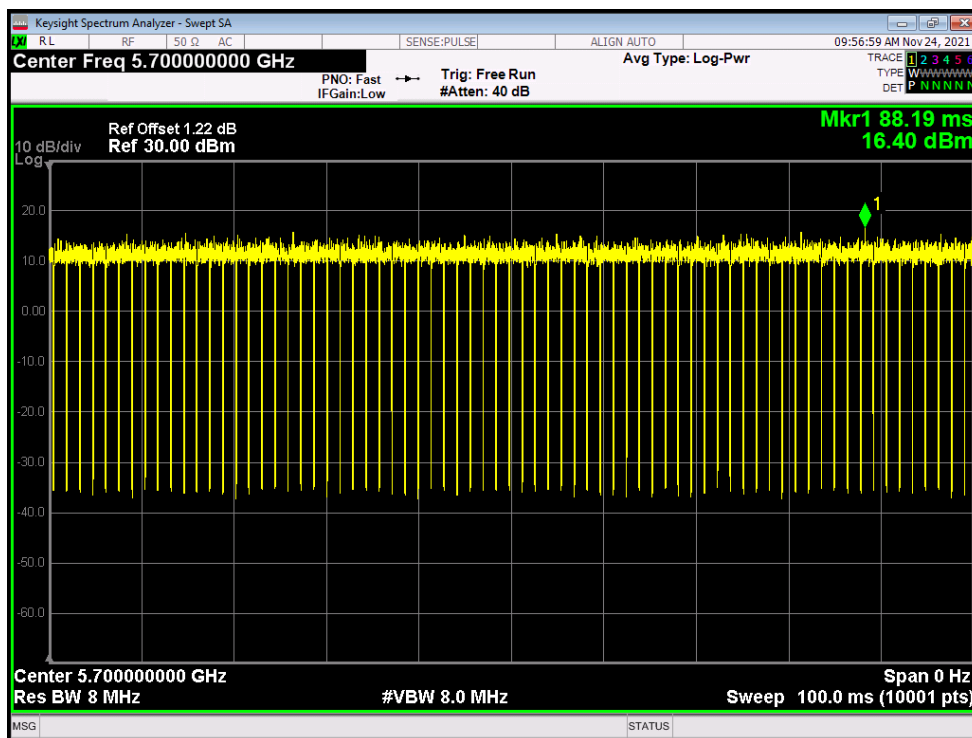
Duty Cycle NVNT n20 5500MHz Ant1



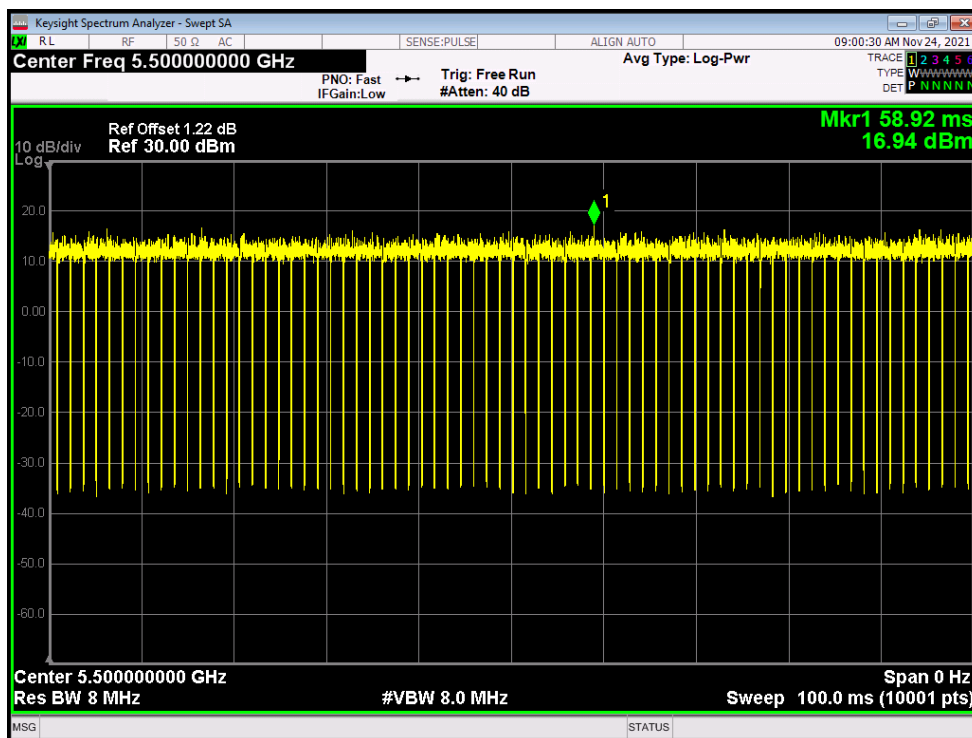
Duty Cycle NVNT n20 5600MHz Ant1



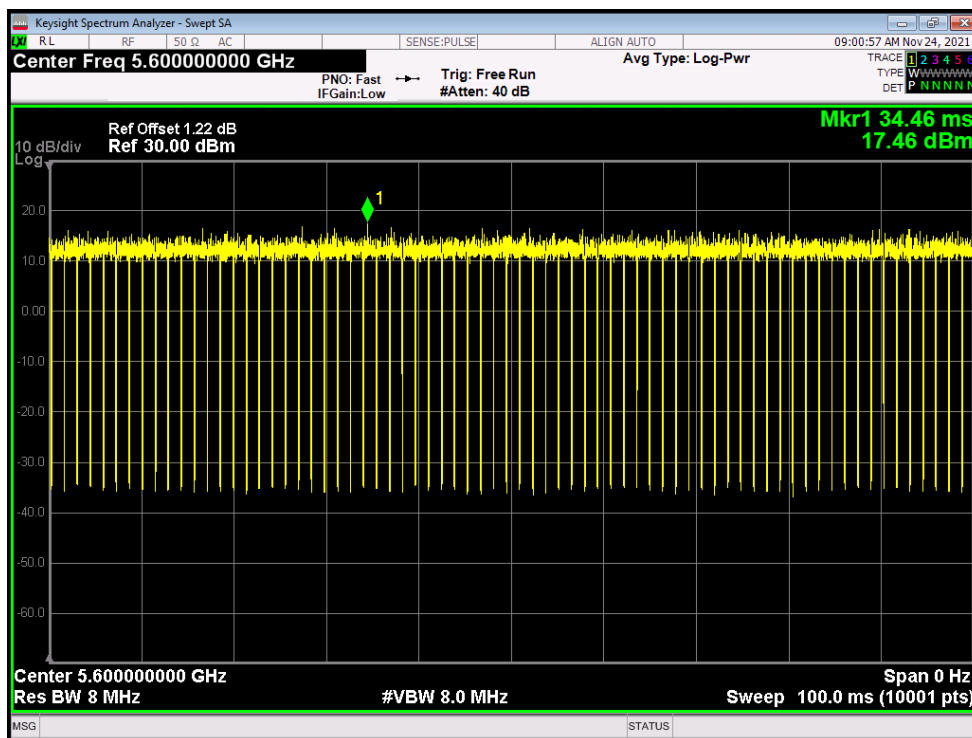
Duty Cycle NVNT n20 5700MHz Ant1



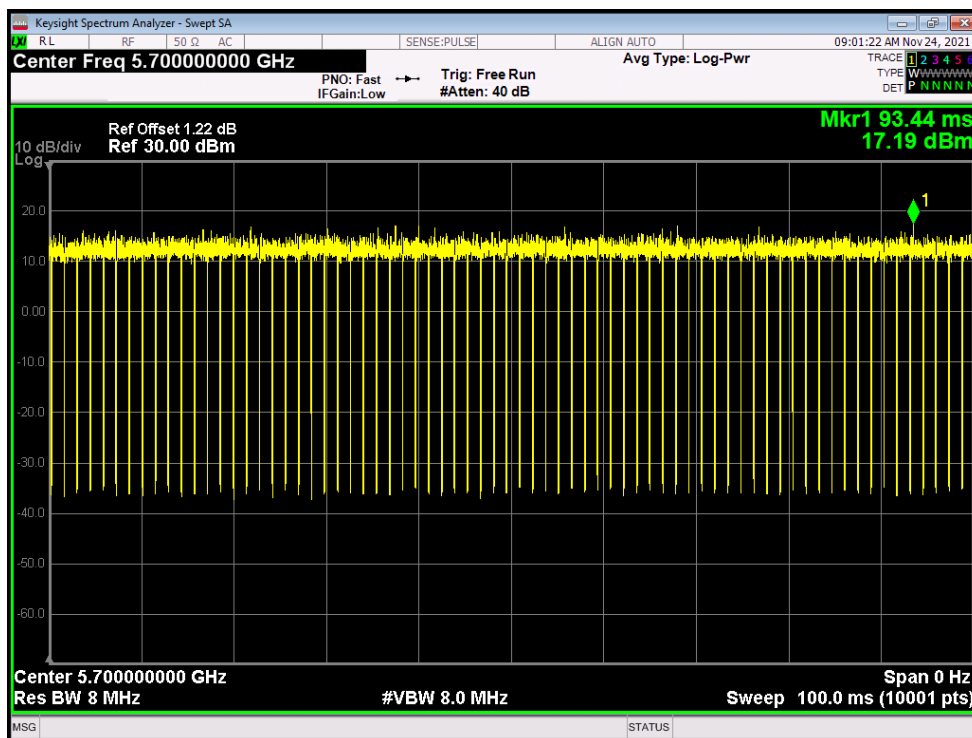
Duty Cycle NVNT n20 5500MHz Ant2



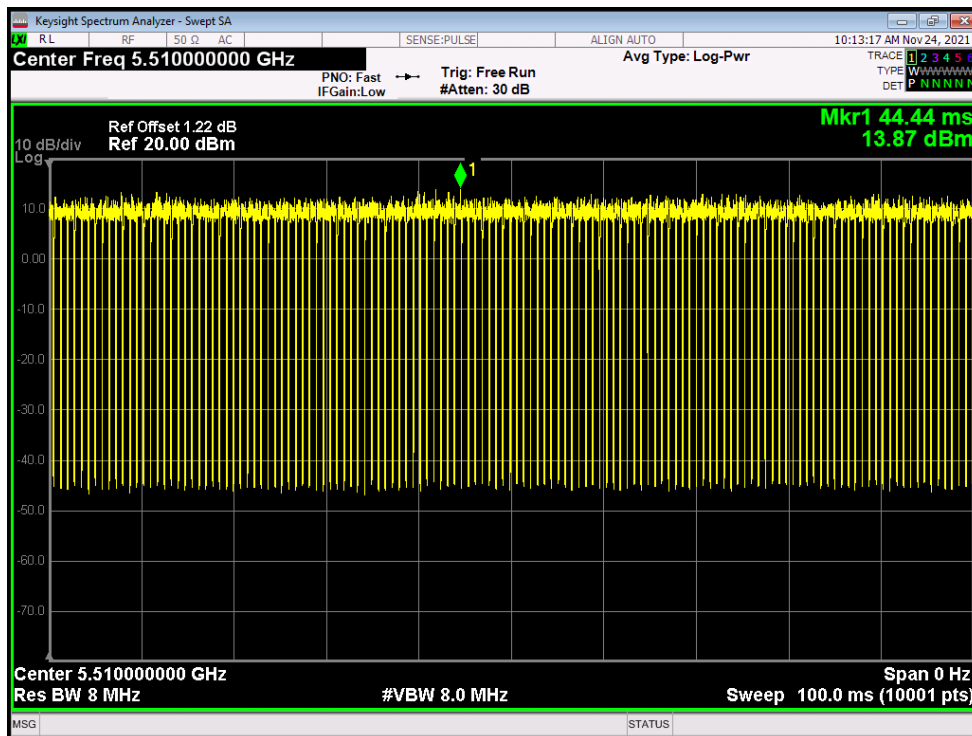
Duty Cycle NVNT n20 5600MHz Ant2



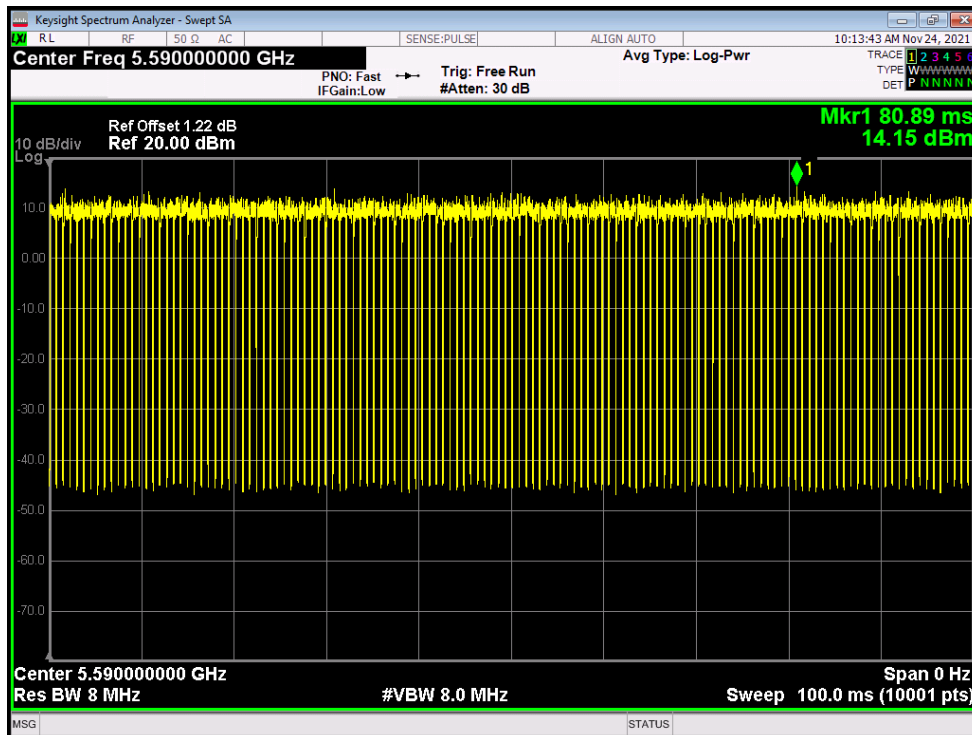
Duty Cycle NVNT n20 5700MHz Ant2



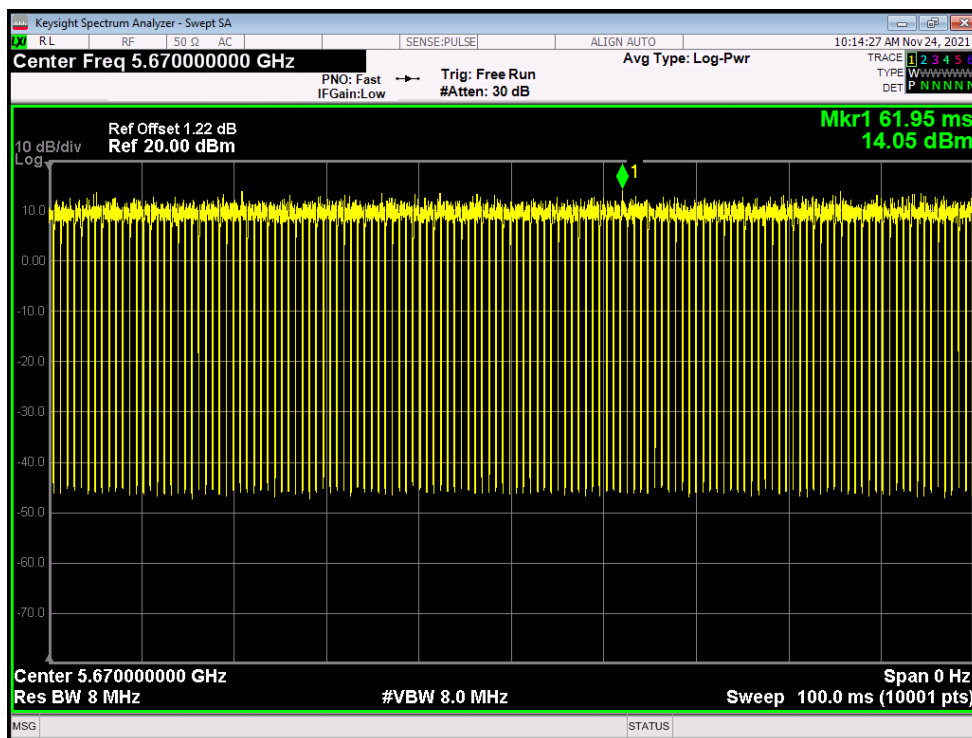
Duty Cycle NVNT n40 5510MHz Ant1



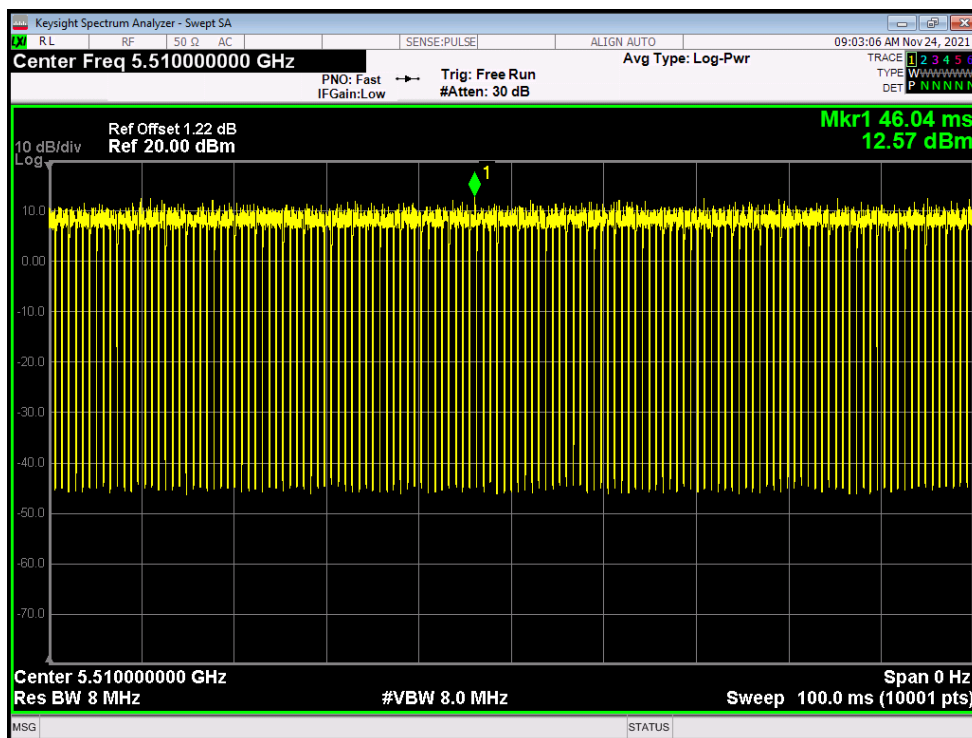
Duty Cycle NVNT n40 5590MHz Ant1



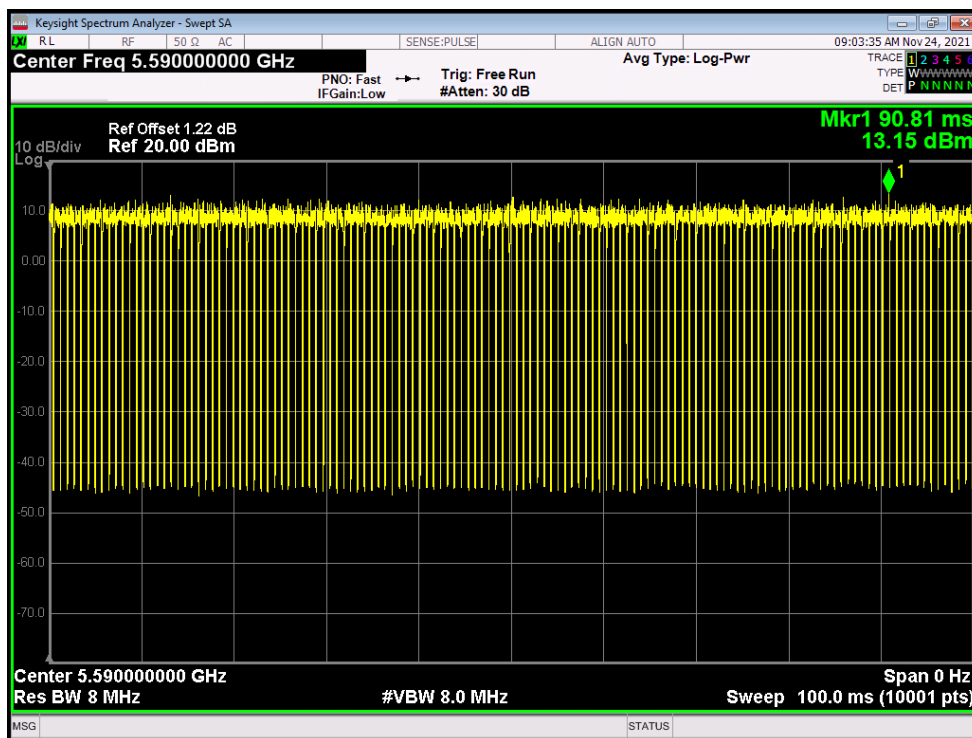
Duty Cycle NVNT n40 5670MHz Ant1



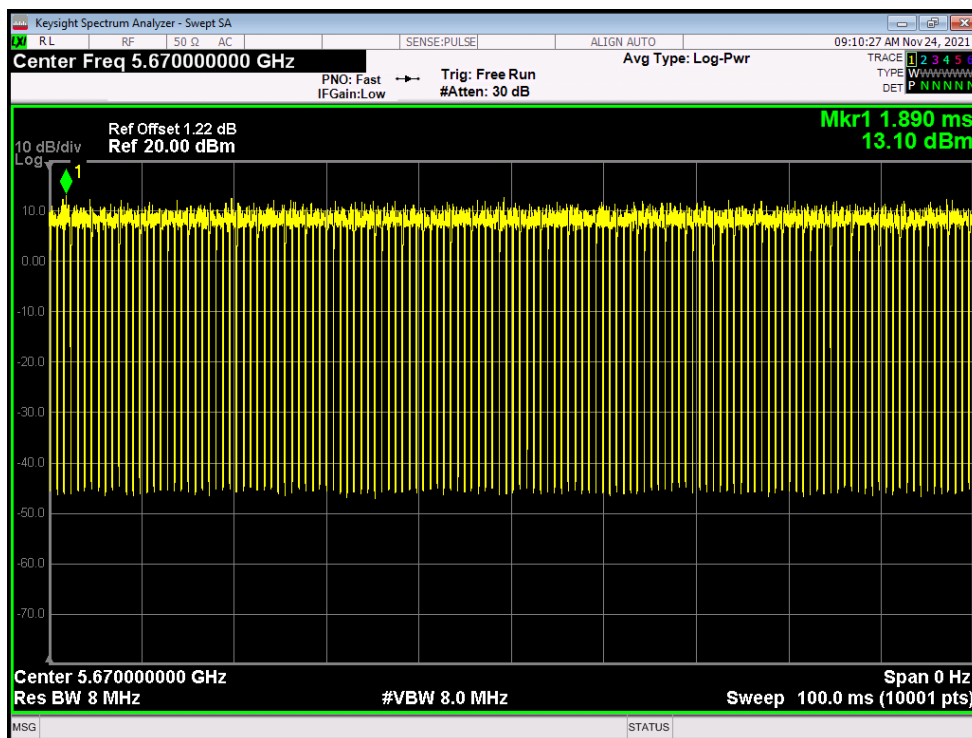
Duty Cycle NVNT n40 5510MHz Ant2



Duty Cycle NVNT n40 5590MHz Ant2



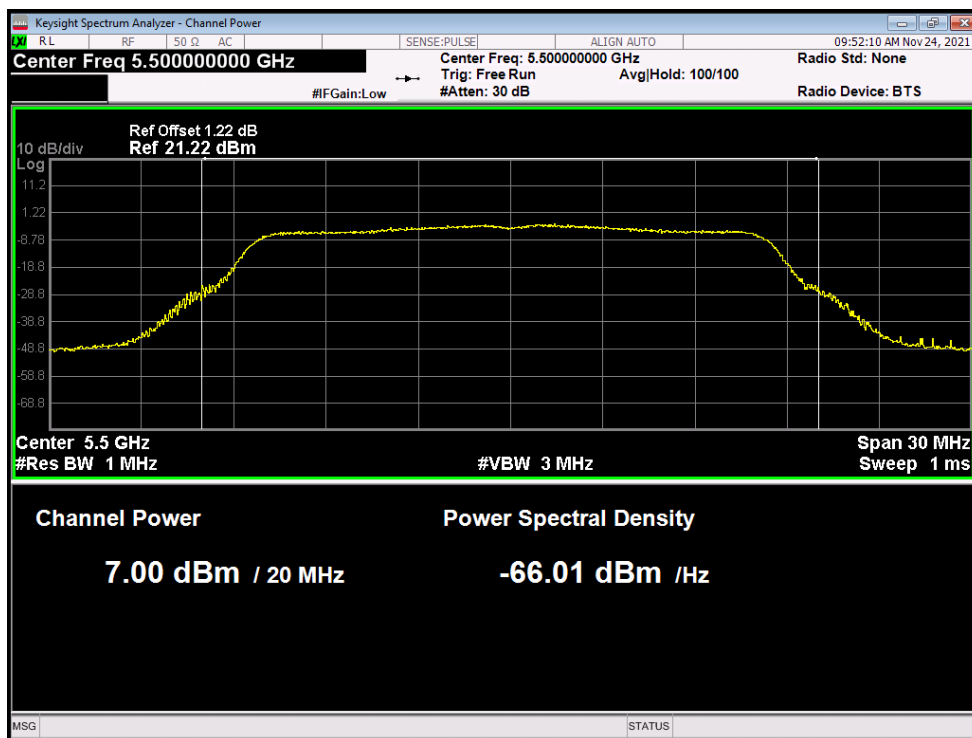
Duty Cycle NVNT n40 5670MHz Ant2



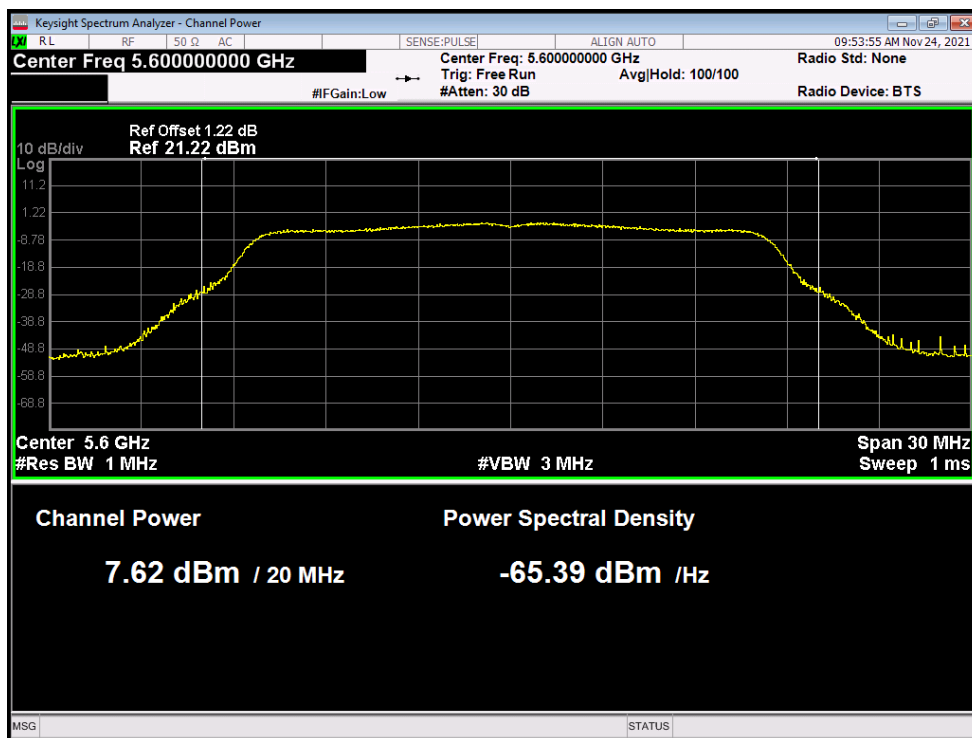
## Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5500               | Ant1    | 6.996                    | 0.27                | 7.266                | 24             | Pass    |
| NVNT      | a    | 5600               | Ant1    | 7.615                    | 0.28                | 7.895                | 24             | Pass    |
| NVNT      | a    | 5700               | Ant1    | 6.907                    | 0.27                | 7.177                | 24             | Pass    |
| NVNT      | a    | 5500               | Ant2    | 7.699                    | 0.27                | 7.969                | 24             | Pass    |
| NVNT      | a    | 5600               | Ant2    | 8.041                    | 0.27                | 8.311                | 24             | Pass    |
| NVNT      | a    | 5700               | Ant2    | 7.956                    | 0.27                | 8.226                | 24             | Pass    |
| NVNT      | ac20 | 5500               | Ant1    | 7.237                    | 0.02                | 7.257                | 24             | Pass    |
| NVNT      | ac20 | 5600               | Ant1    | 7.757                    | 0.02                | 7.777                | 24             | Pass    |
| NVNT      | ac20 | 5700               | Ant1    | 7.316                    | 0.02                | 7.336                | 24             | Pass    |
| NVNT      | ac20 | 5500               | Ant2    | 7.959                    | 0.02                | 7.979                | 24             | Pass    |
| NVNT      | ac20 | 5600               | Ant2    | 8.225                    | 0.02                | 8.245                | 24             | Pass    |
| NVNT      | ac20 | 5700               | Ant2    | 8.069                    | 0.02                | 8.089                | 24             | Pass    |
| NVNT      | ac40 | 5510               | Ant1    | 9.588                    | 0.03                | 9.618                | 24             | Pass    |
| NVNT      | ac40 | 5590               | Ant1    | 9.732                    | 0.03                | 9.762                | 24             | Pass    |
| NVNT      | ac40 | 5670               | Ant1    | 9.855                    | 0.02                | 9.875                | 24             | Pass    |
| NVNT      | ac40 | 5510               | Ant2    | 8.712                    | 0.03                | 8.742                | 24             | Pass    |
| NVNT      | ac40 | 5590               | Ant2    | 8.868                    | 0.03                | 8.898                | 24             | Pass    |
| NVNT      | ac40 | 5670               | Ant2    | 8.408                    | 0.03                | 8.438                | 24             | Pass    |
| NVNT      | ac80 | 5530               | Ant1    | 6.092                    | 3.39                | 9.482                | 24             | Pass    |
| NVNT      | ac80 | 5610               | Ant1    | 6.387                    | 3.39                | 9.777                | 24             | Pass    |
| NVNT      | ac80 | 5530               | Ant2    | 5.139                    | 3.4                 | 8.539                | 24             | Pass    |
| NVNT      | ac80 | 5610               | Ant2    | 4.991                    | 3.39                | 8.381                | 24             | Pass    |
| NVNT      | n20  | 5500               | Ant1    | 6.843                    | 0.28                | 7.123                | 24             | Pass    |
| NVNT      | n20  | 5600               | Ant1    | 7.592                    | 0.28                | 7.872                | 24             | Pass    |
| NVNT      | n20  | 5700               | Ant1    | 6.833                    | 0.28                | 7.113                | 24             | Pass    |
| NVNT      | n20  | 5500               | Ant2    | 7.728                    | 0.28                | 8.008                | 24             | Pass    |
| NVNT      | n20  | 5600               | Ant2    | 7.938                    | 0.28                | 8.218                | 24             | Pass    |
| NVNT      | n20  | 5700               | Ant2    | 7.8                      | 0.28                | 8.08                 | 24             | Pass    |
| NVNT      | n40  | 5510               | Ant1    | 8.848                    | 0.55                | 9.398                | 24             | Pass    |
| NVNT      | n40  | 5590               | Ant1    | 9.187                    | 0.55                | 9.737                | 24             | Pass    |
| NVNT      | n40  | 5670               | Ant1    | 9.131                    | 0.55                | 9.681                | 24             | Pass    |
| NVNT      | n40  | 5510               | Ant2    | 7.955                    | 0.55                | 8.505                | 24             | Pass    |
| NVNT      | n40  | 5590               | Ant2    | 8.274                    | 0.55                | 8.824                | 24             | Pass    |
| NVNT      | n40  | 5670               | Ant2    | 7.846                    | 0.55                | 8.396                | 24             | Pass    |

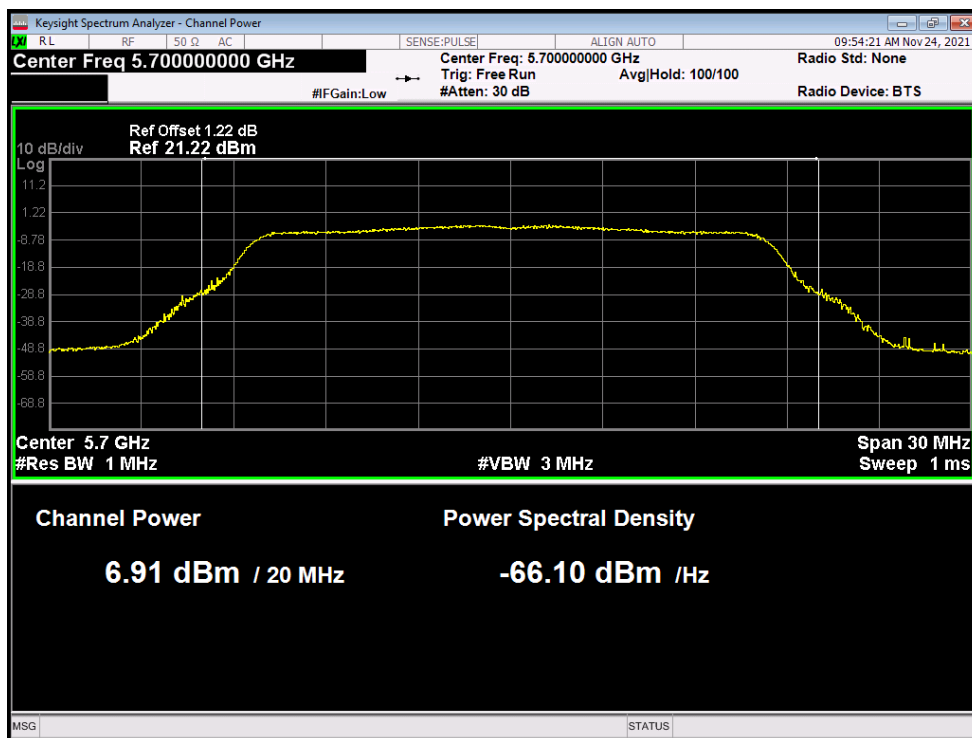
Power NVNT a 5500MHz Ant1



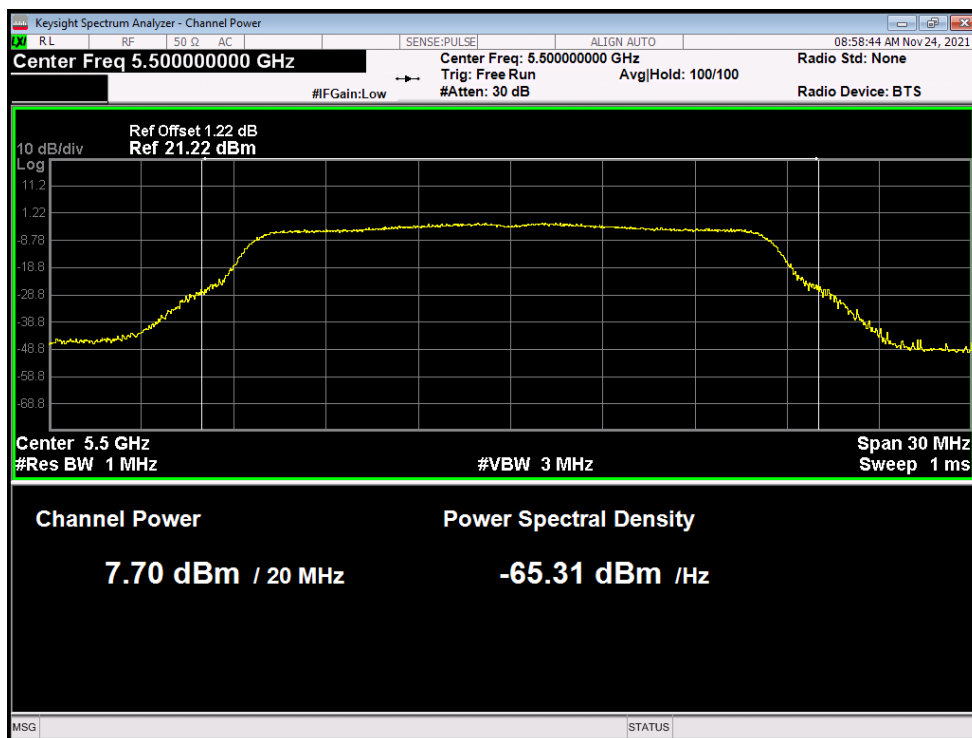
Power NVNT a 5600MHz Ant1



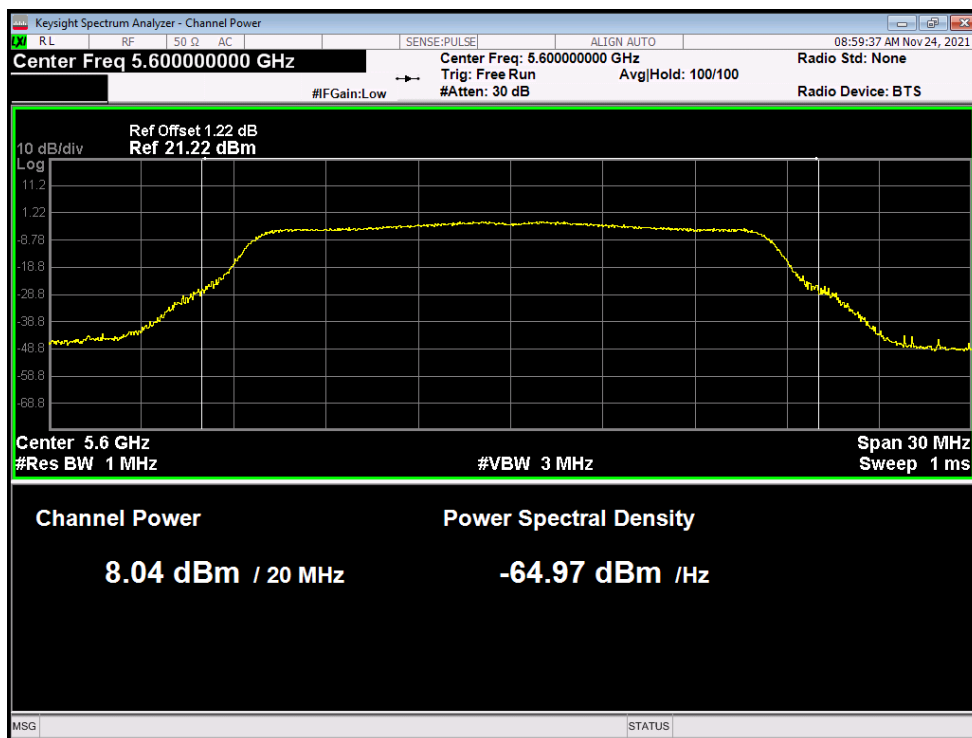
Power NVNT a 5700MHz Ant1



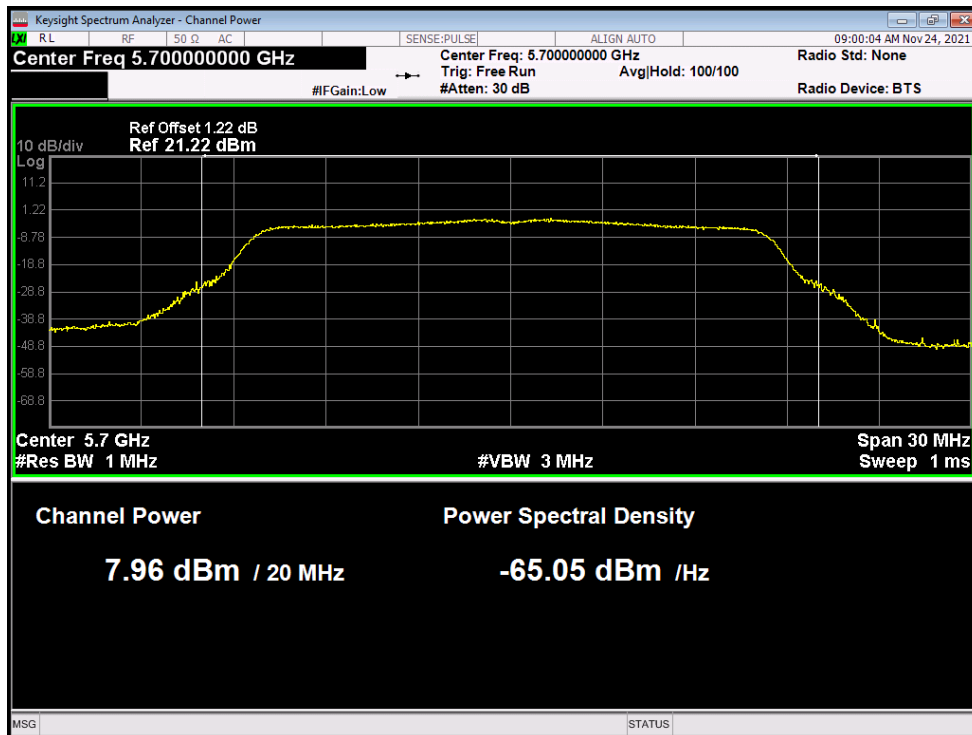
Power NVNT a 5500MHz Ant2



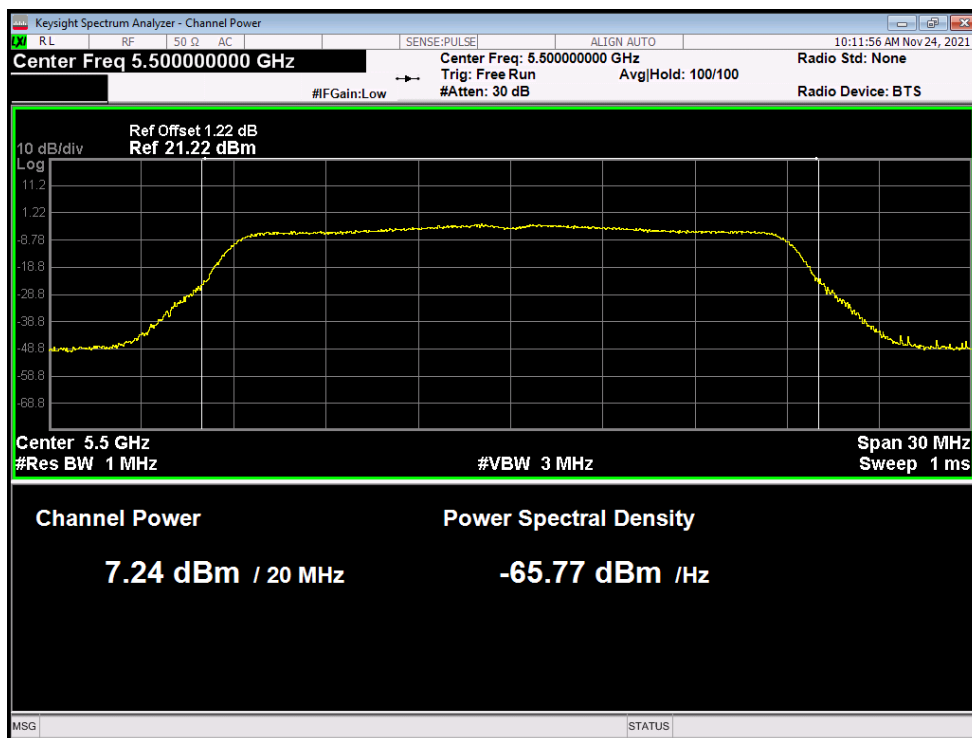
Power NVNT a 5600MHz Ant2



Power NVNT a 5700MHz Ant2



Power NVNT ac20 5500MHz Ant1



Power NVNT ac20 5600MHz Ant1

