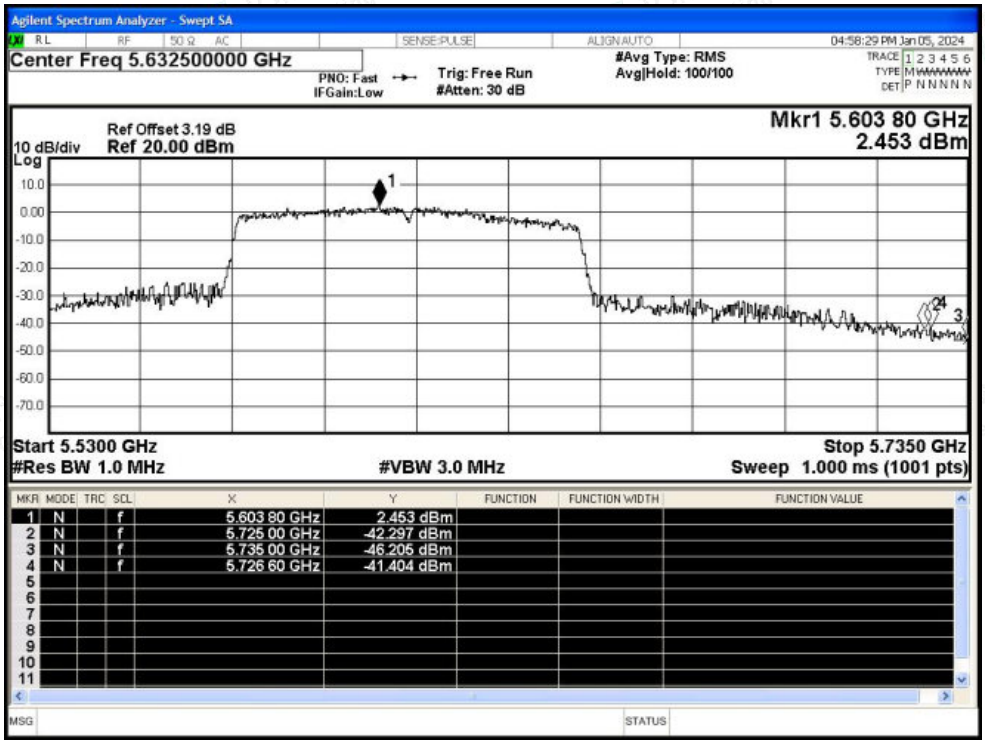
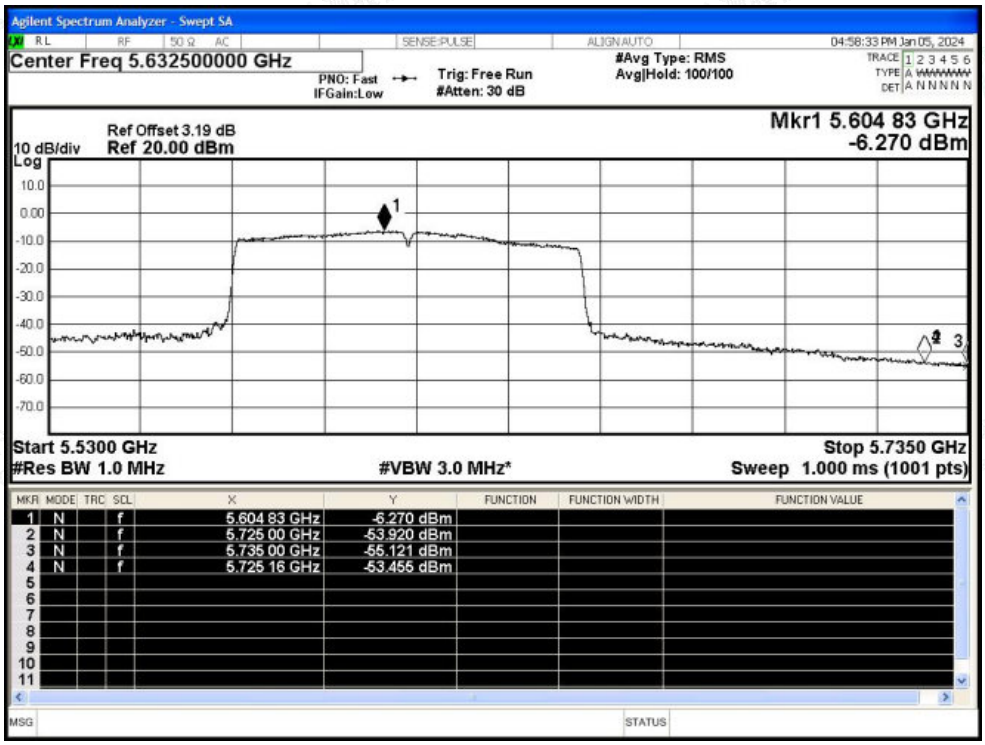
Restrict Band NVNT ac80 5610MHz Ant1 Peak




Restrict Band NVNT ac80 5610MHz Ant1 Average

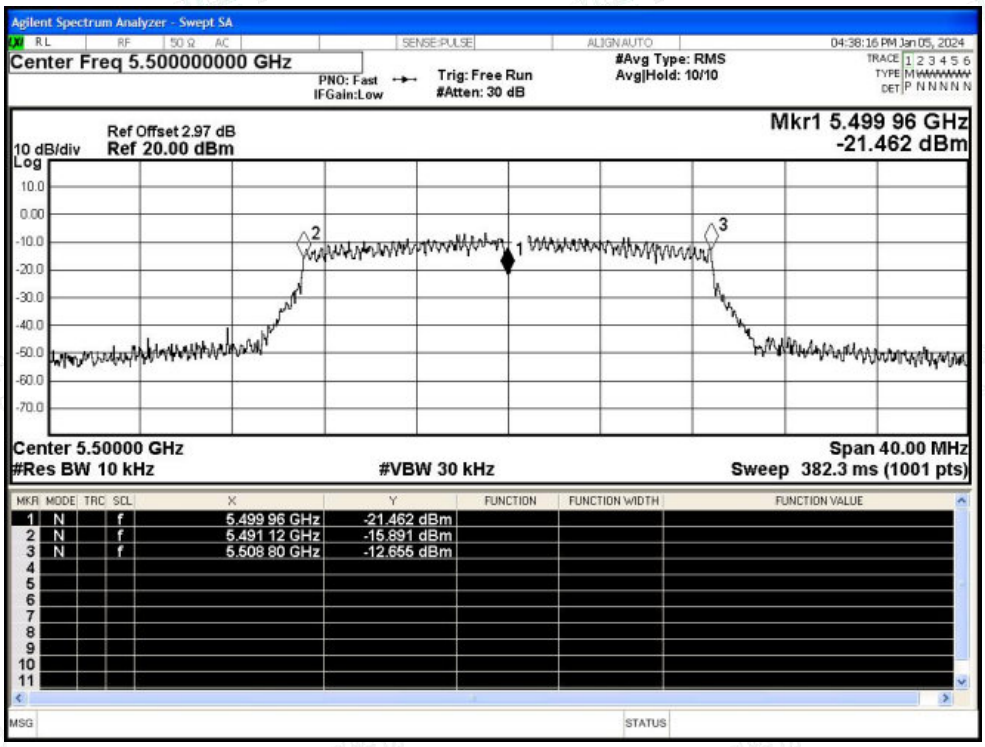


# F.5 Frequency Stability

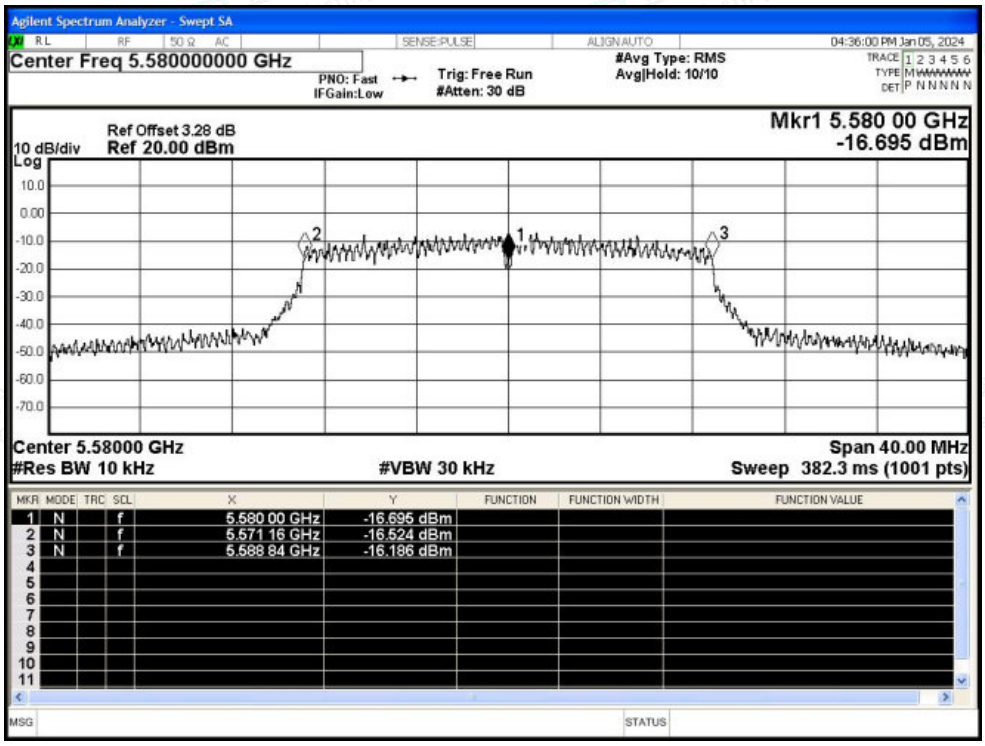
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | ac20 | 5500 | Ant1 | 5499.96 | -40000 | -7.27 | 25 | Pass |
| NVNT | ac20 | 5580 | Ant1 | 5580 | 0 | 0 | 25 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5699.98 | -20000 | -3.51 | 25 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| NVNT | ac40 | 5550 | Ant1 | 5550 | 0 | 0 | 25 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5670 | 0 | 0 | 25 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5609.92 | -80000 | -14.26 | 25 | Pass |

Test Graphs

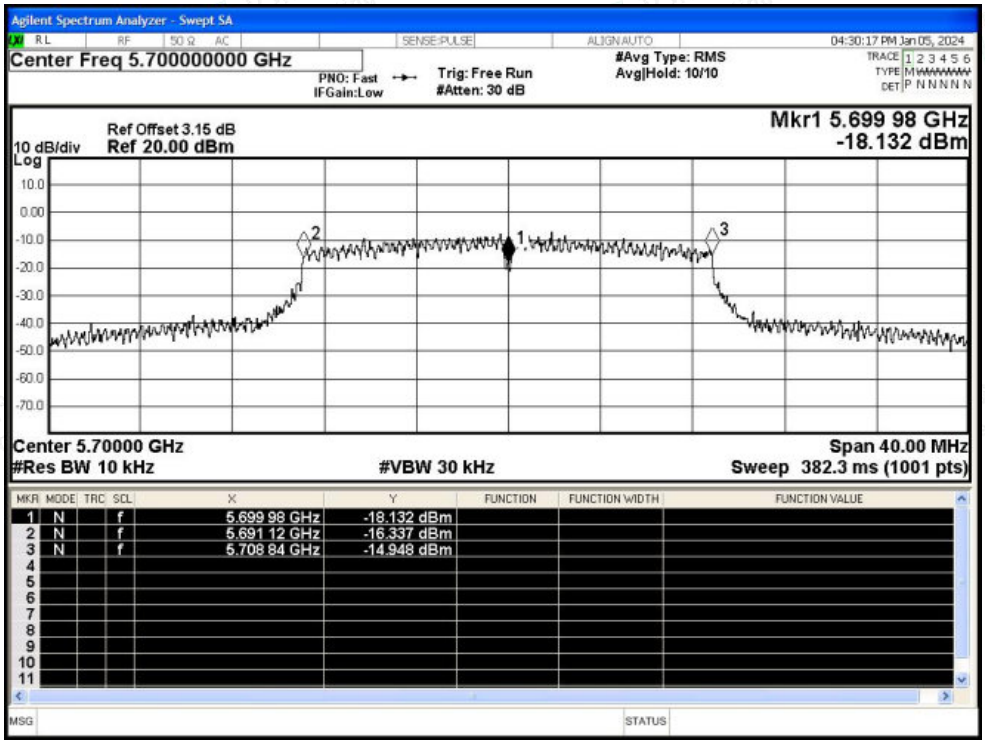
Freq. Stability NVNT ac20 5500MHz Ant1



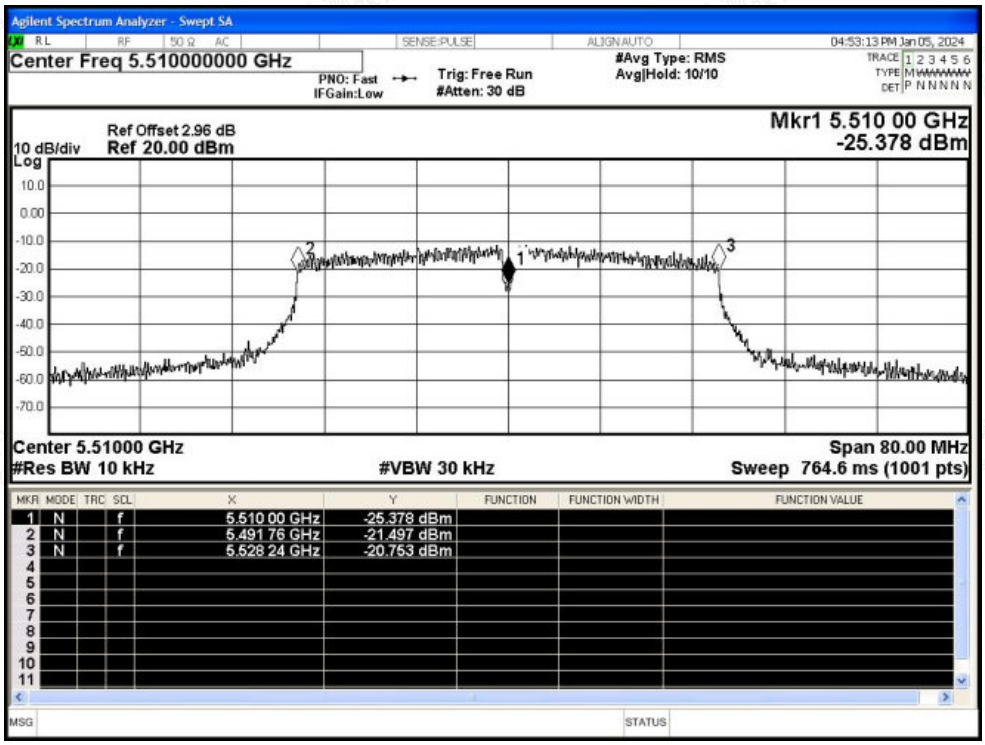

Freq. Stability NVNT ac20 5580MHz Ant1



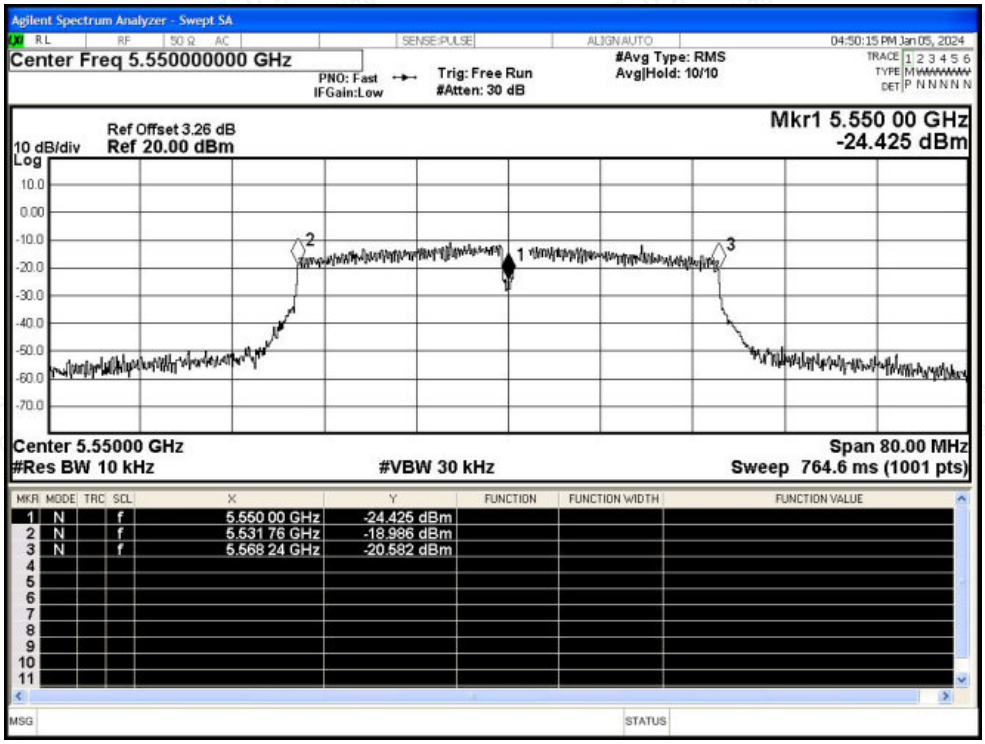
Freq. Stability NVNT ac20 5700MHz Ant1



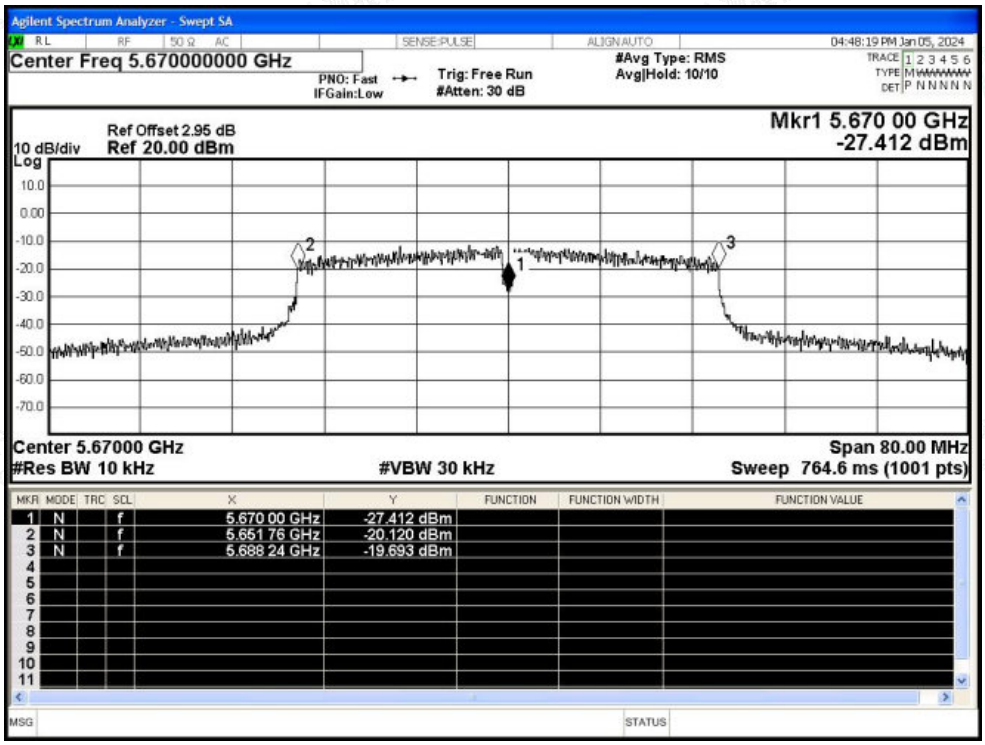

Freq. Stability NVNT ac40 5510MHz Ant1



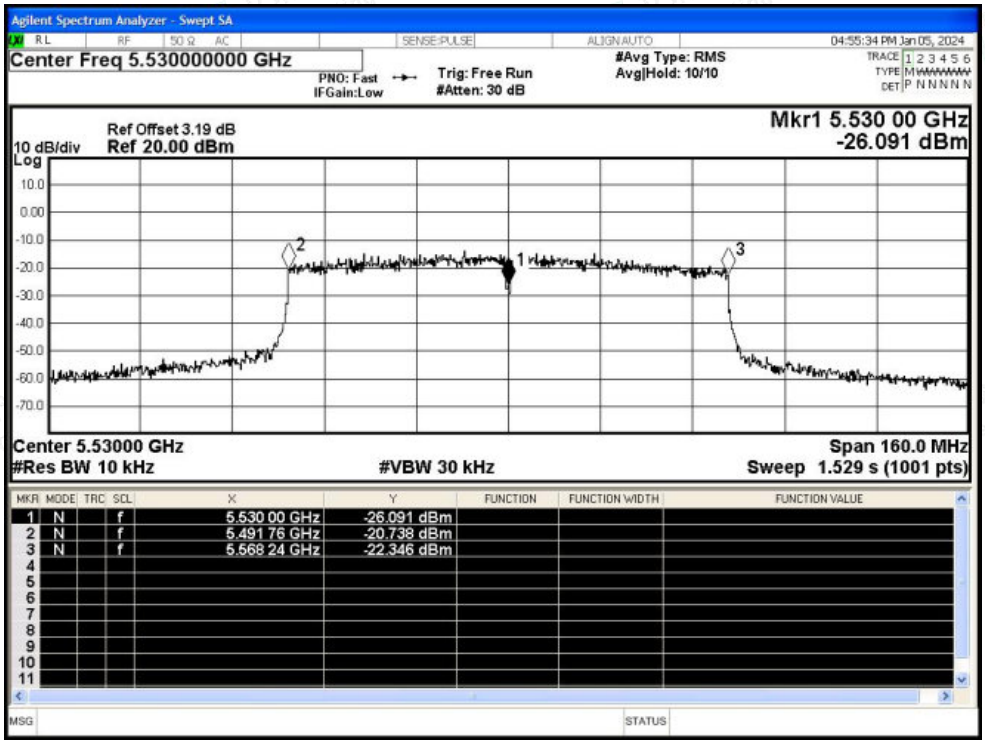
Freq. Stability NVNT ac40 5550MHz Ant1



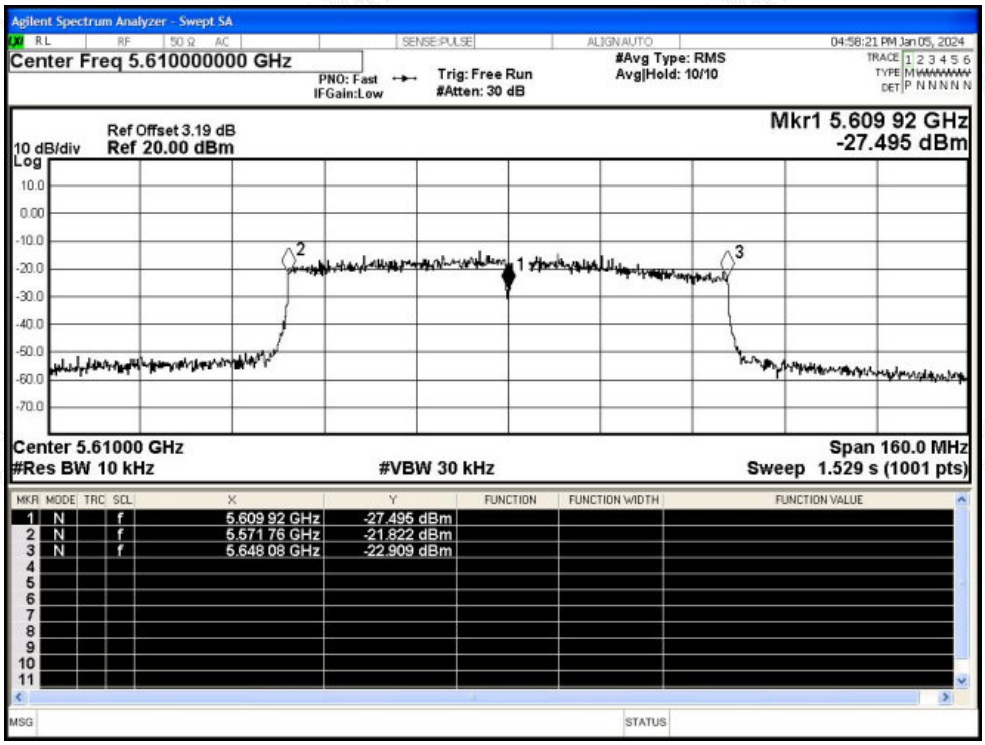

Freq. Stability NVNT ac40 5670MHz Ant1



Freq. Stability NVNT ac80 5530MHz Ant1




Freq. Stability NVNT ac80 5610MHz Ant1

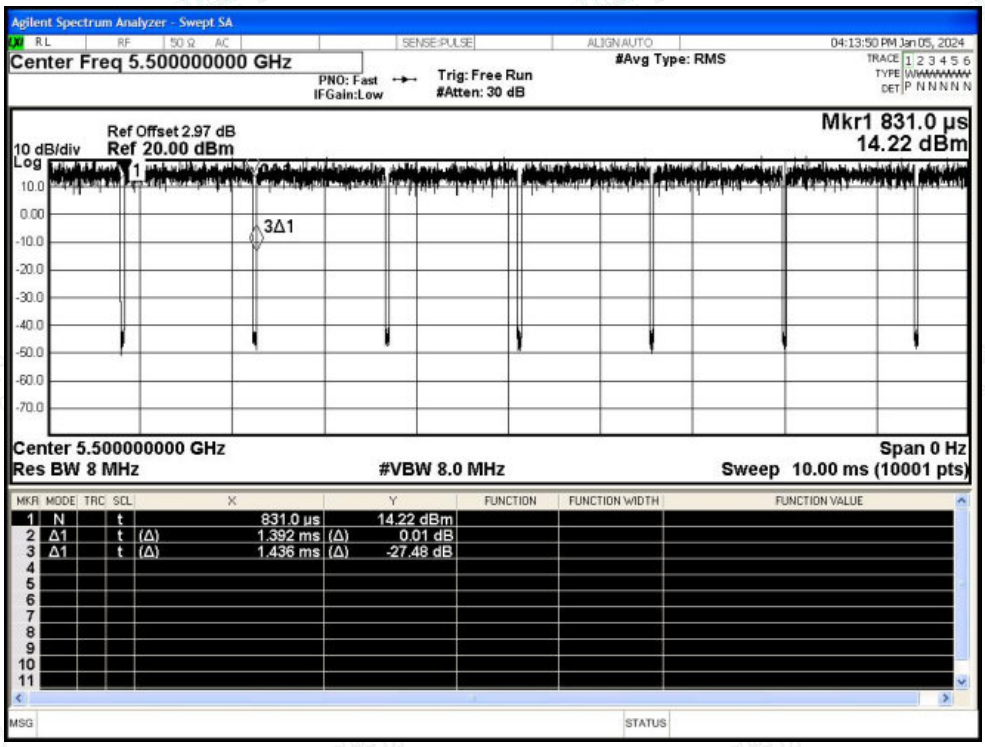



## F.6 Duty Cycle

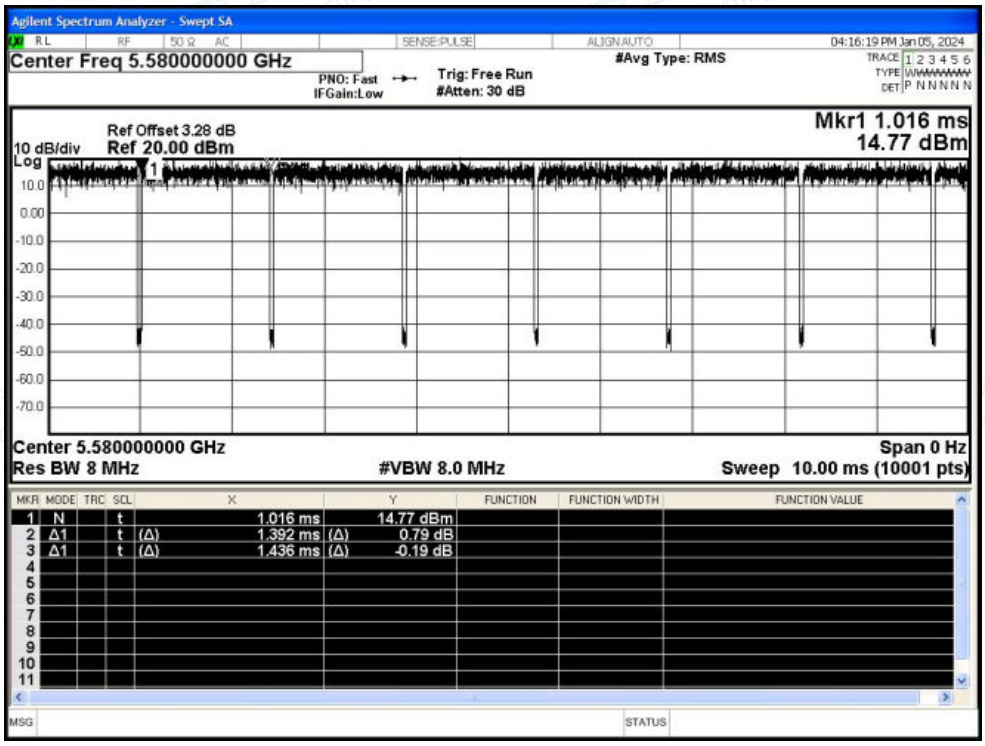
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant1 | 96.94 | 0.13 | 0.72 |
| NVNT | a | 5580 | Ant1 | 96.94 | 0.13 | 0.72 |
| NVNT | a | 5700 | Ant1 | 96.94 | 0.13 | 0.72 |
| NVNT | n20 | 5500 | Ant1 | 96.7 | 0.15 | 0.78 |
| NVNT | n20 | 5580 | Ant1 | 96.7 | 0.15 | 0.78 |
| NVNT | n20 | 5700 | Ant1 | 96.7 | 0.15 | 0.78 |
| NVNT | n40 | 5510 | Ant1 | 93.82 | 0.28 | 1.57 |
| NVNT | n40 | 5550 | Ant1 | 93.53 | 0.29 | 1.57 |
| NVNT | n40 | 5670 | Ant1 | 93.68 | 0.28 | 1.57 |
| NVNT | ac20 | 5500 | Ant1 | 96.76 | 0.14 | 0.76 |
| NVNT | ac20 | 5580 | Ant1 | 96.76 | 0.14 | 0.76 |
| NVNT | ac20 | 5700 | Ant1 | 96.76 | 0.14 | 0.76 |
| NVNT | ac40 | 5510 | Ant1 | 93.82 | 0.28 | 1.53 |
| NVNT | ac40 | 5550 | Ant1 | 93.82 | 0.28 | 1.53 |
| NVNT | ac40 | 5670 | Ant1 | 93.69 | 0.28 | 1.53 |
| NVNT | ac80 | 5530 | Ant1 | 88.08 | 0.55 | 3.08 |
| NVNT | ac80 | 5610 | Ant1 | 88.04 | 0.55 | 3.09 |

Test Graphs

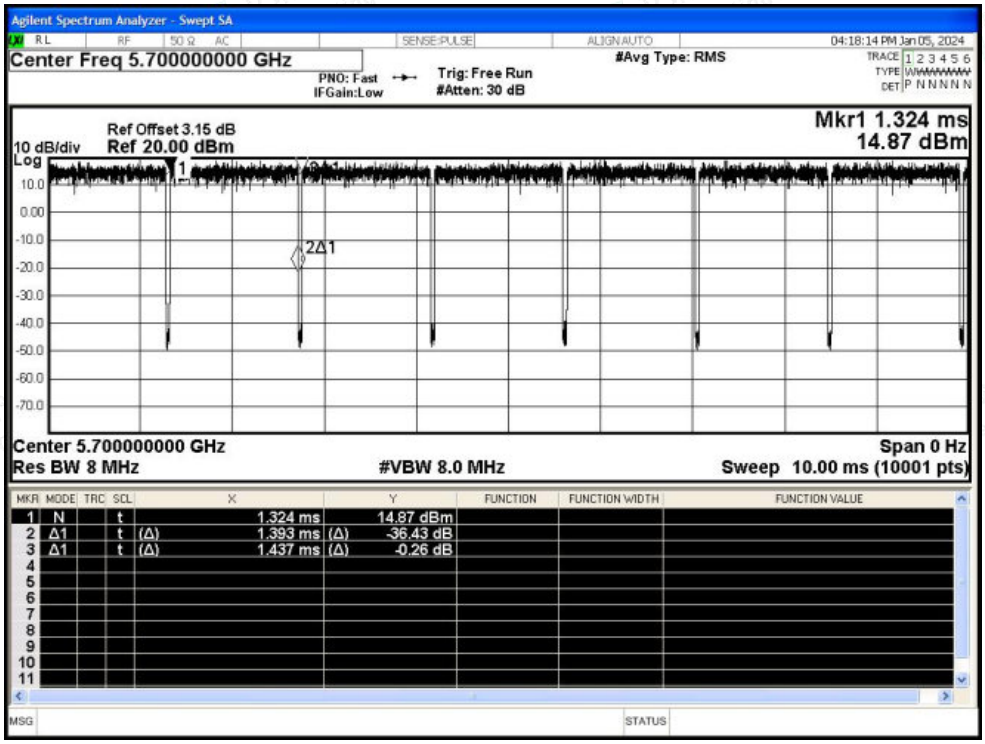
Duty Cycle NVNT a 5500MHz Ant1



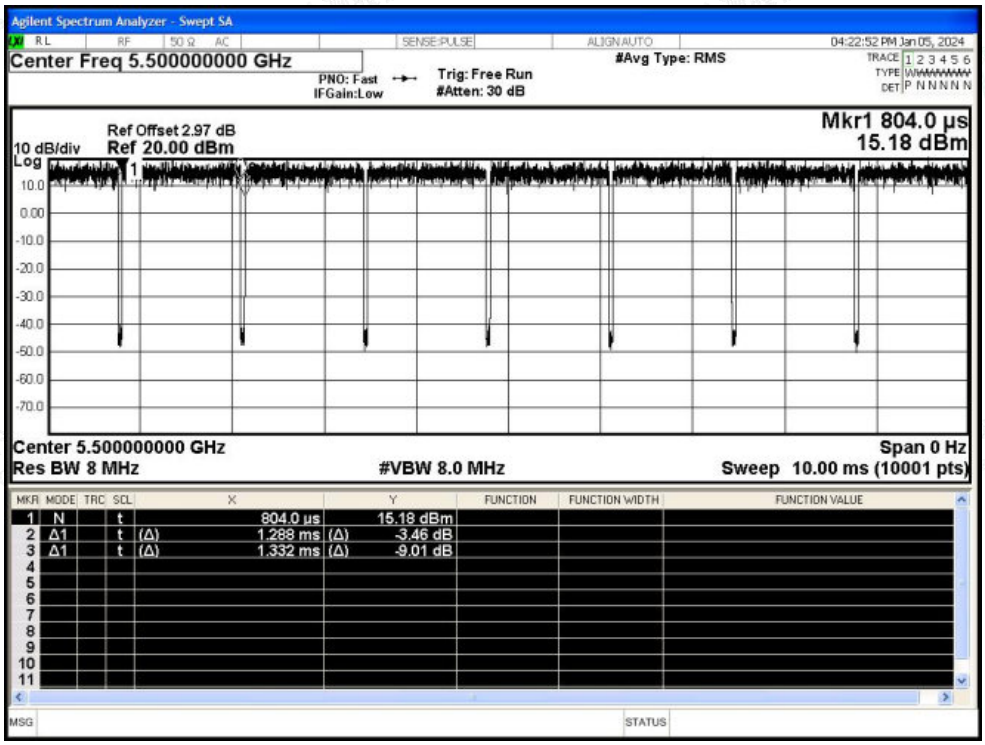

Duty Cycle NVNT a 5580MHz Ant1



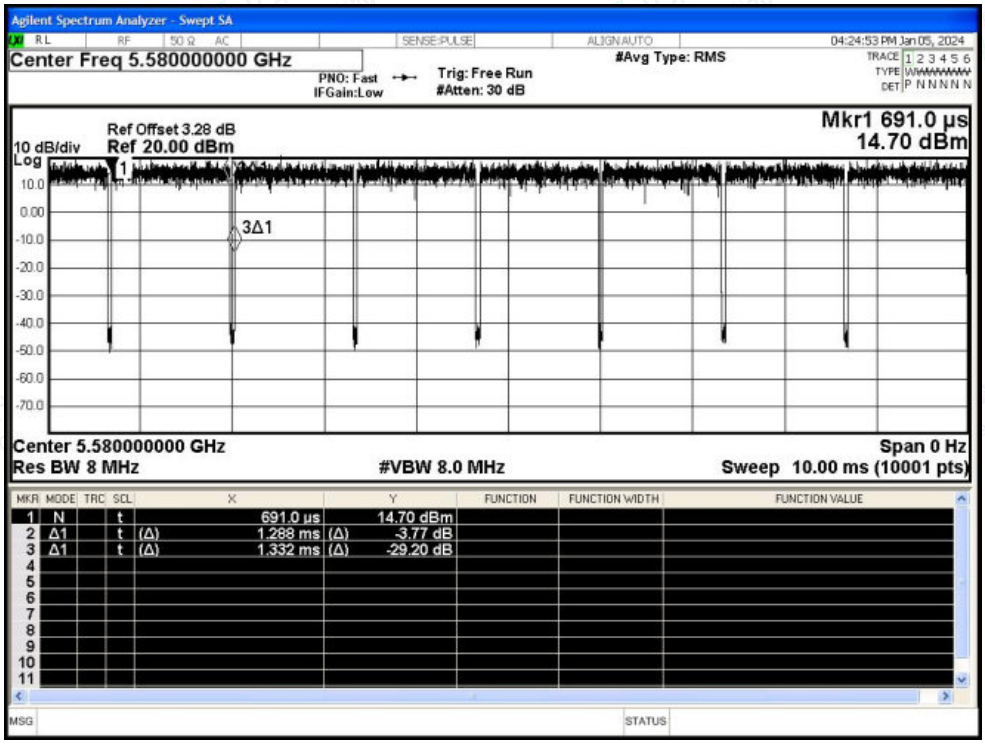
Duty Cycle NVNT a 5700MHz Ant1



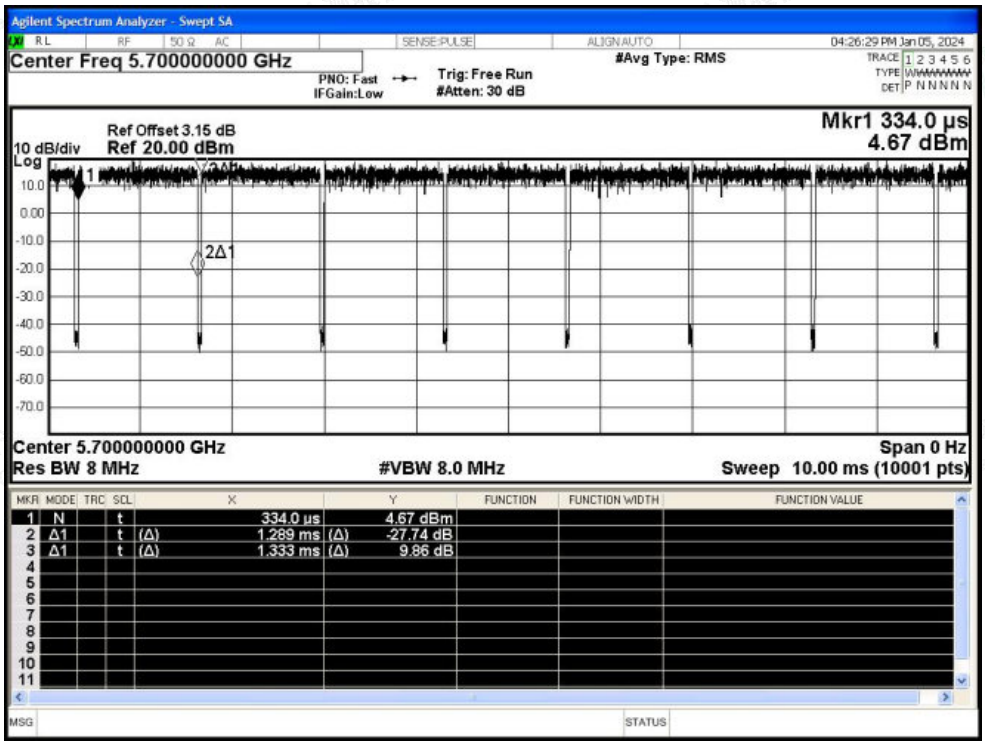

Duty Cycle NVNT n20 5500MHz Ant1



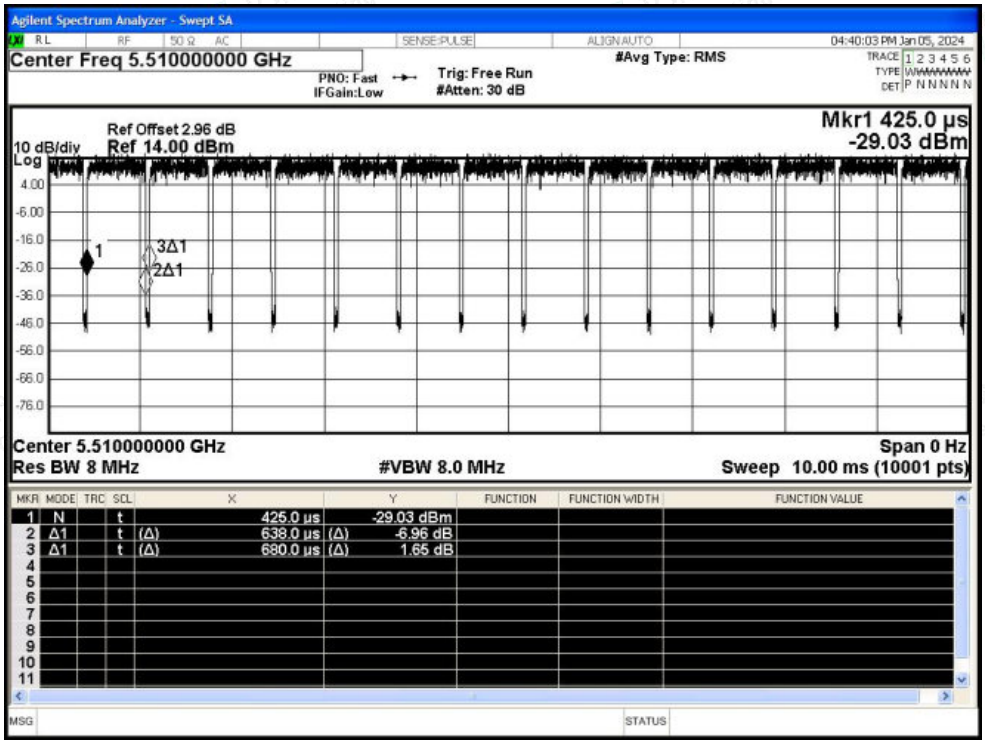
Duty Cycle NVNT n20 5580MHz Ant1



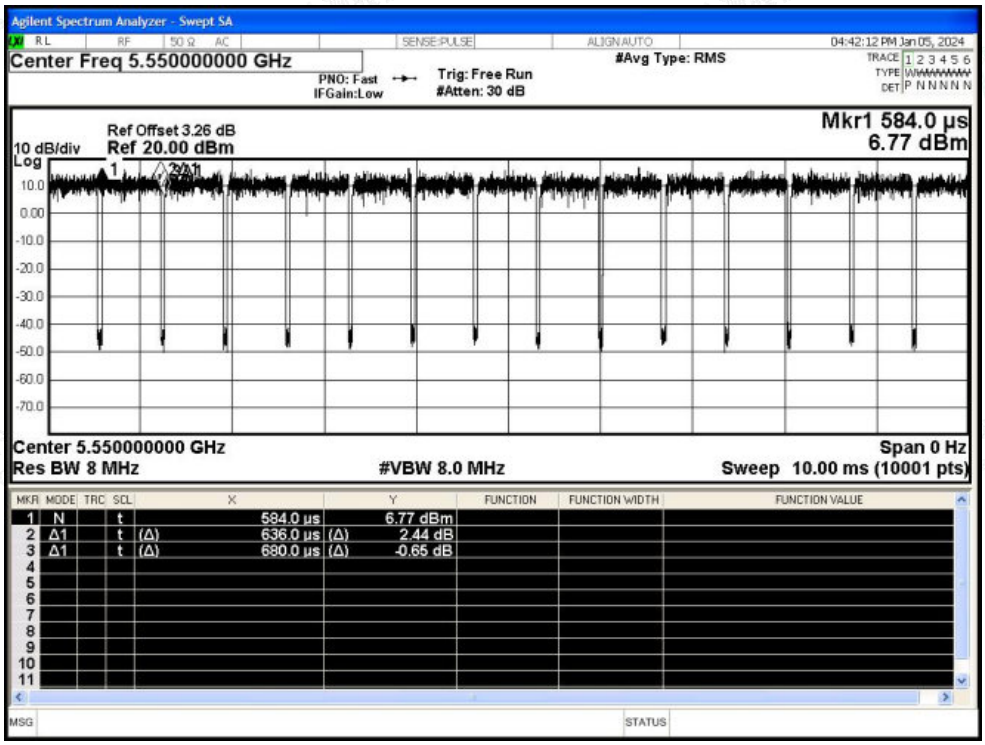

Duty Cycle NVNT n20 5700MHz Ant1



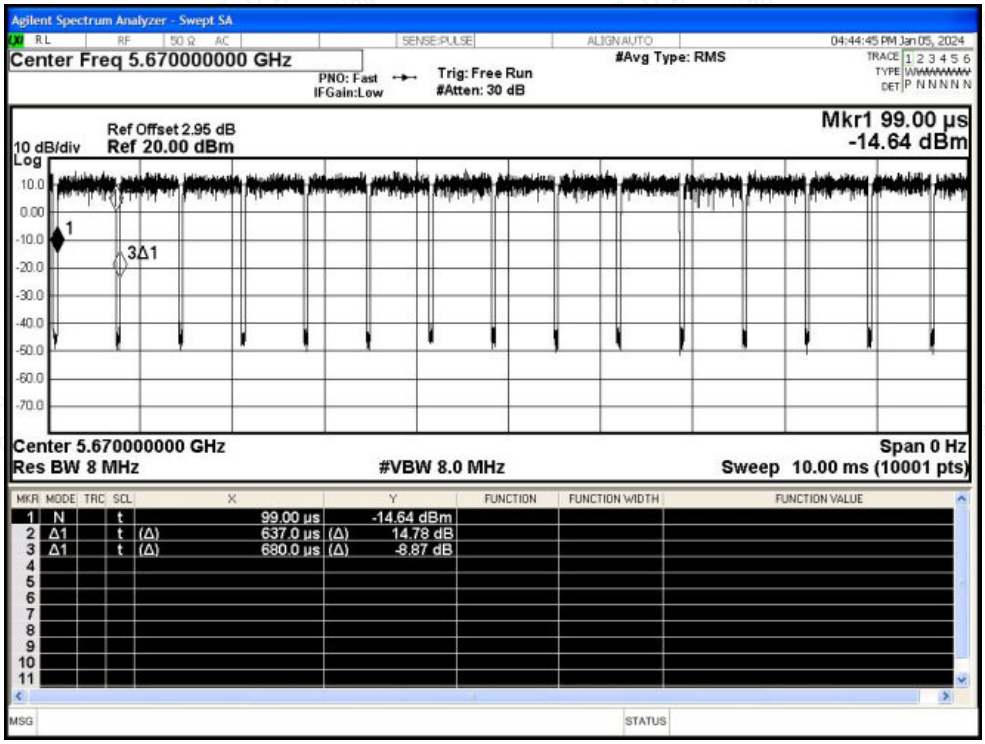
Duty Cycle NVNT n40 5510MHz Ant1



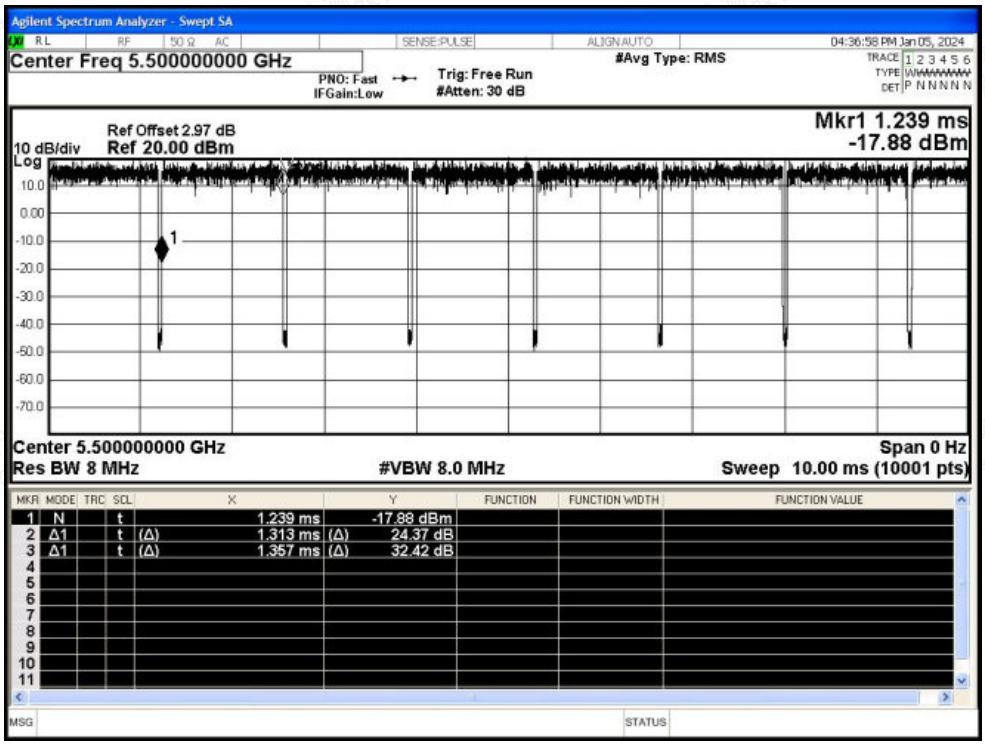

Duty Cycle NVNT n40 5550MHz Ant1



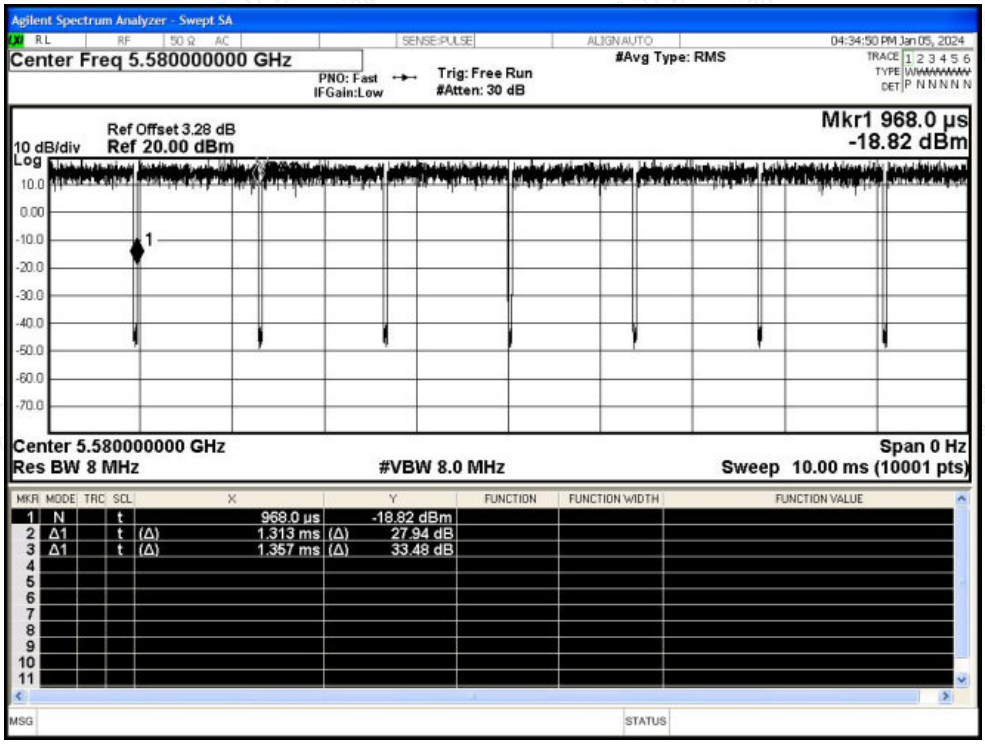
Duty Cycle NVNT n40 5670MHz Ant1



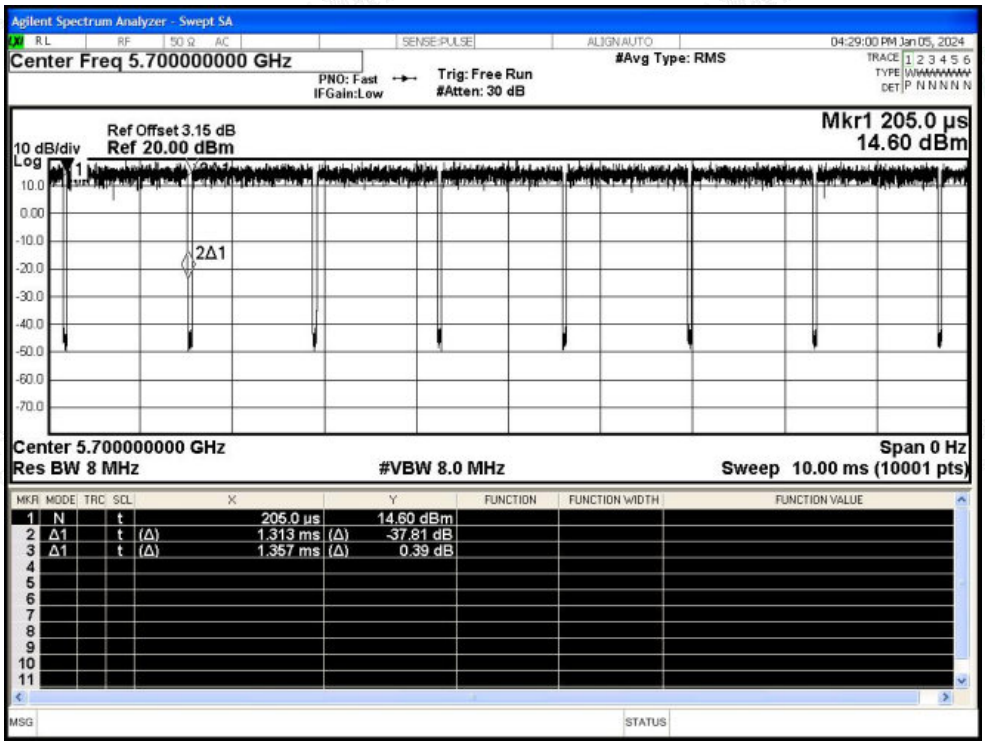

Duty Cycle NVNT ac20 5500MHz Ant1



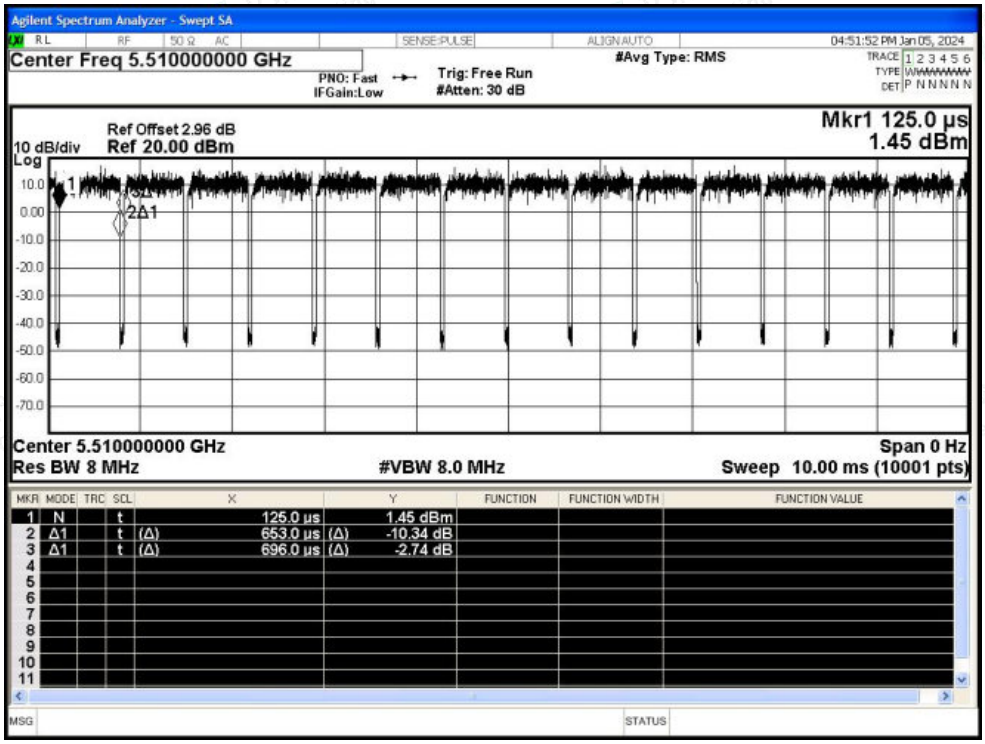
Duty Cycle NVNT ac20 5580MHz Ant1



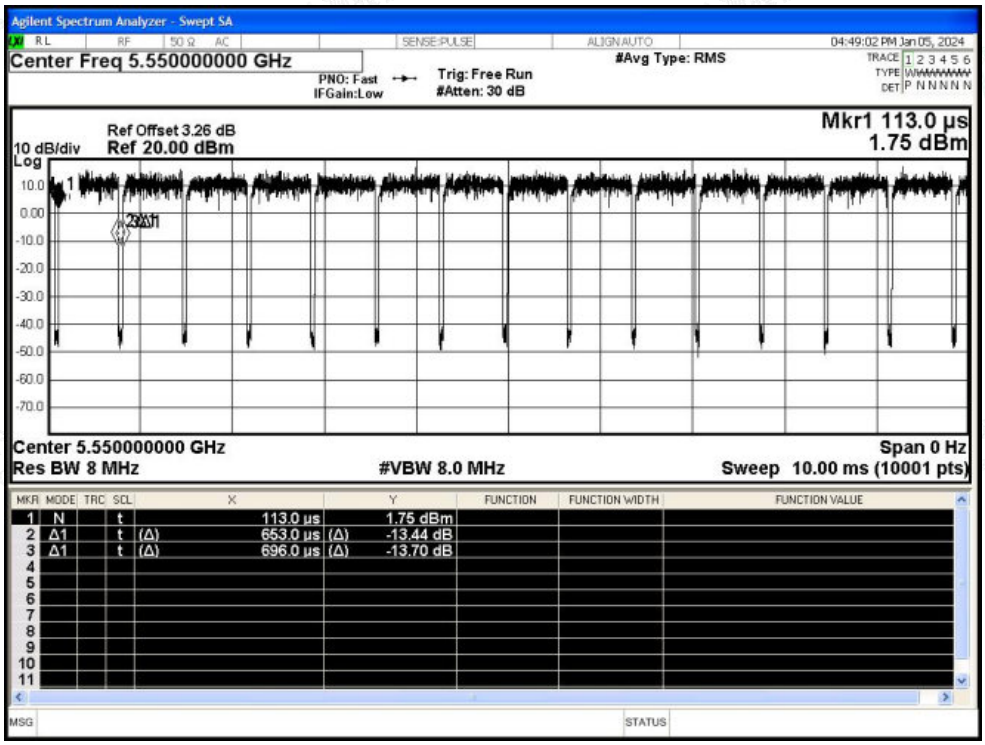

Duty Cycle NVNT ac20 5700MHz Ant1



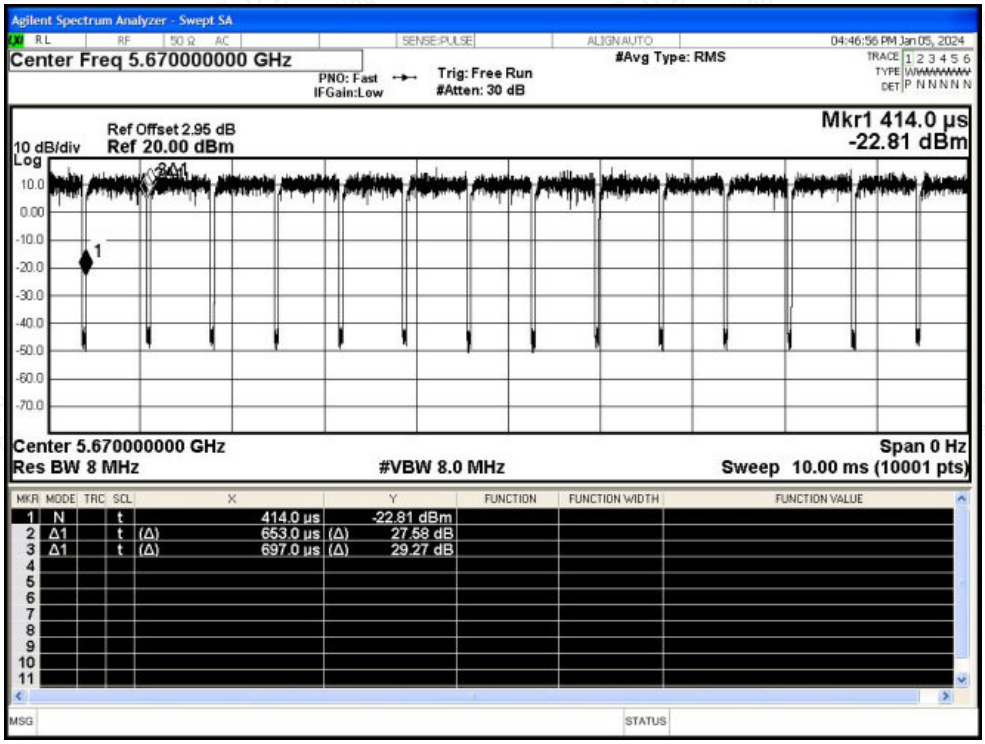
Duty Cycle NVNT ac40 5510MHz Ant1



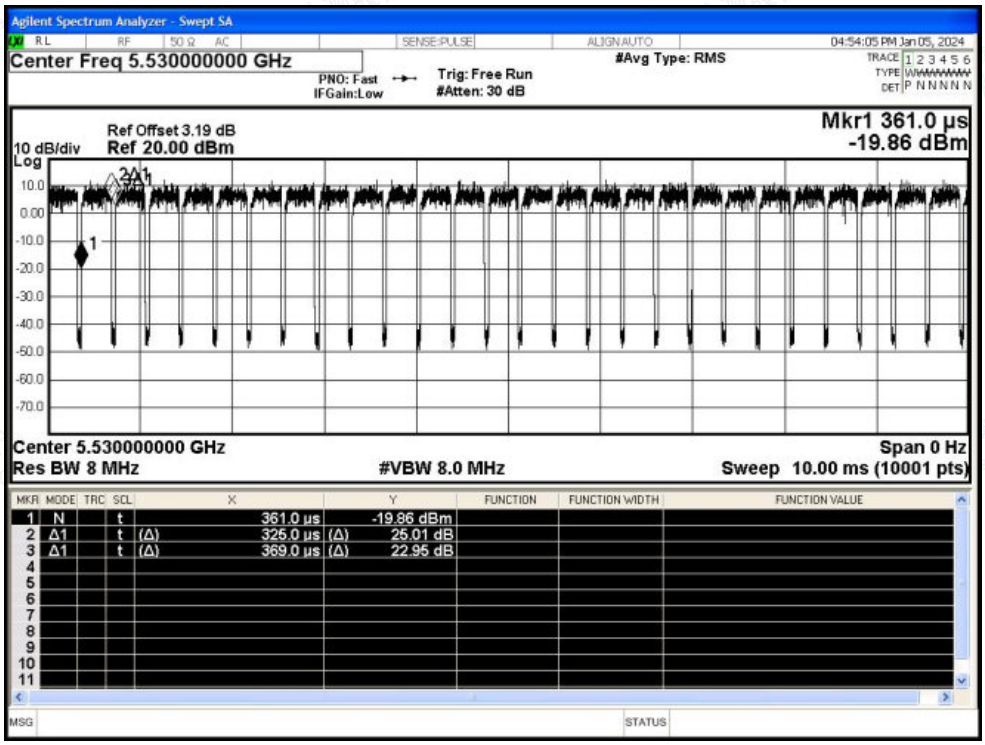
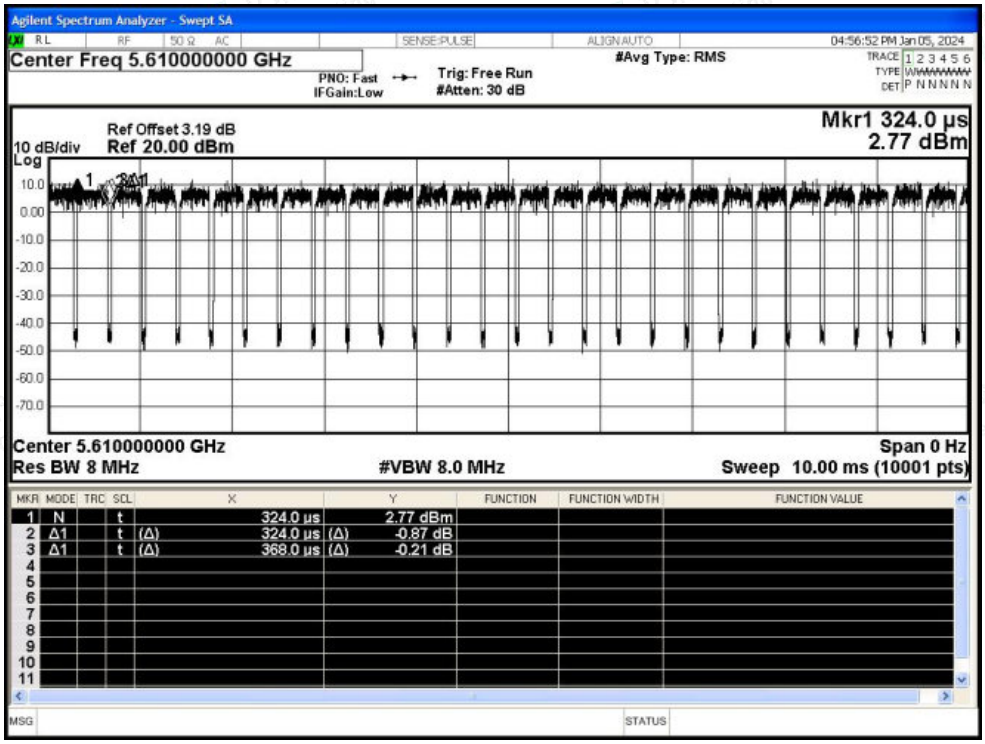

Duty Cycle NVNT ac40 5550MHz Ant1



Duty Cycle NVNT ac40 5670MHz Ant1




Duty Cycle NVNT ac80 5530MHz Ant1



Duty Cycle NVNT ac80 5610MHz Ant1