# Appendix F

## RF Test Data for 5.5GWIFI (Conducted Measurement)

**Product Name: All-In-One laptop**

**Test Model: LAPBOOK A7 N4**

**Environmental Conditions**

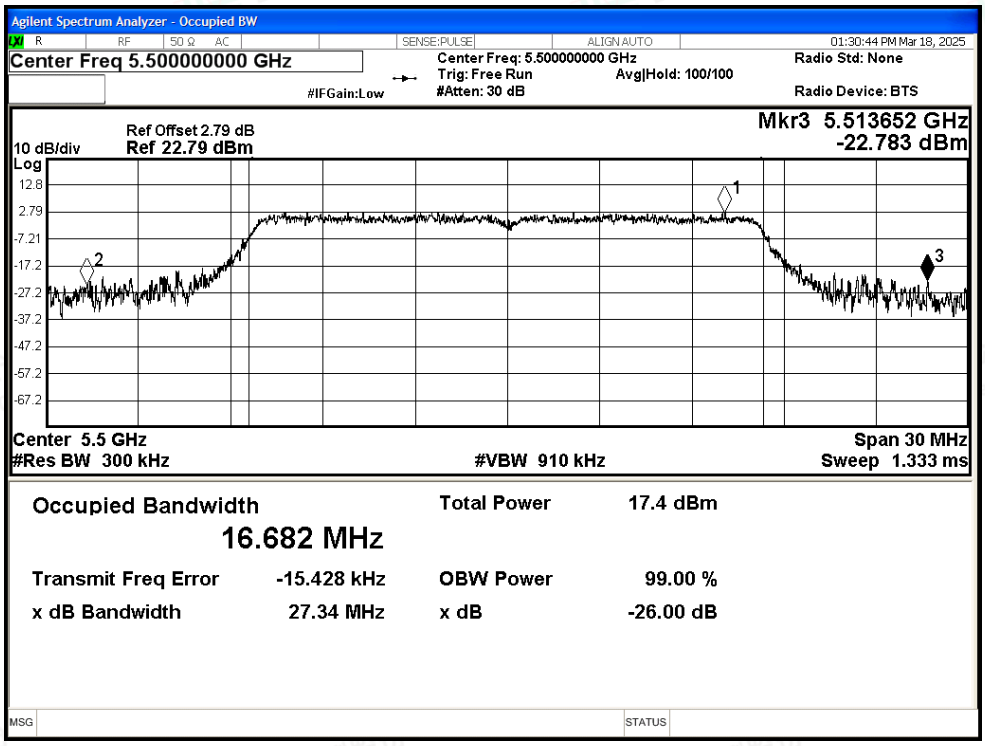
| | |
|---|---|
| Temperature: | 24.3°C |
| Relative Humidity: | 52.6% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Can Kun |
| Supervised by: | Nick Peng |

# F.1 -26dB Bandwidth

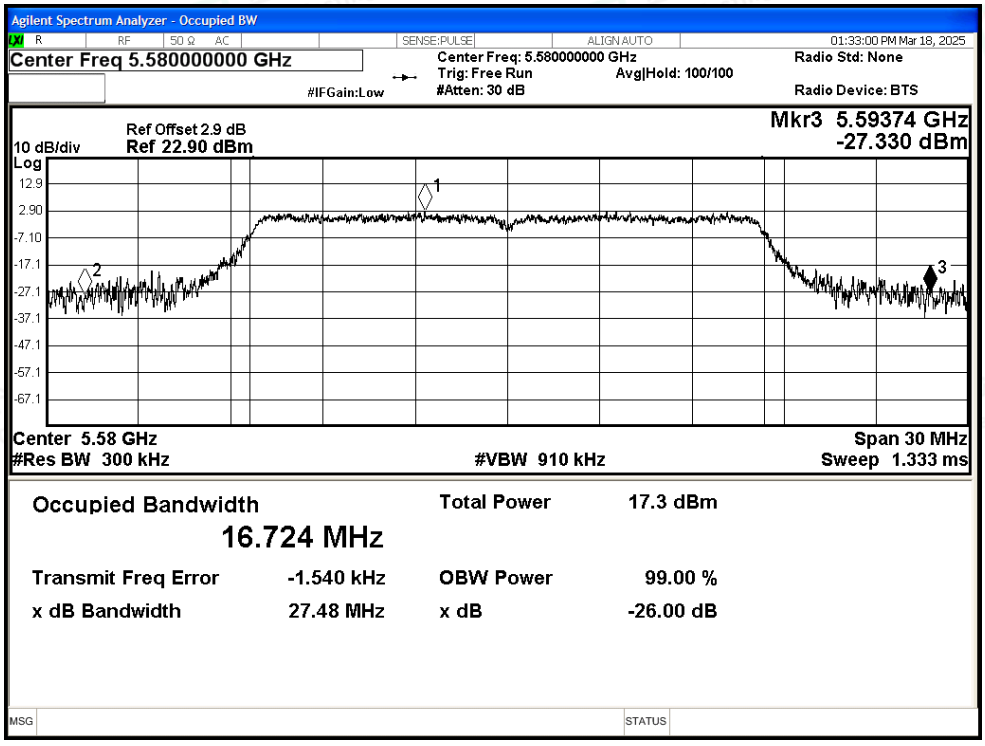
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant1 | 27.335 | --- | Pass |
| NVNT | a | 5580 | Ant1 | 27.483 | --- | Pass |
| NVNT | a | 5700 | Ant1 | 27.219 | --- | Pass |
| NVNT | n20 | 5500 | Ant1 | 29.189 | --- | Pass |
| NVNT | n20 | 5580 | Ant1 | 28.356 | --- | Pass |
| NVNT | n20 | 5700 | Ant1 | 28.315 | --- | Pass |
| NVNT | n40 | 5510 | Ant1 | 45.261 | --- | Pass |
| NVNT | n40 | 5550 | Ant1 | 50.963 | --- | Pass |
| NVNT | n40 | 5670 | Ant1 | 45.492 | --- | Pass |
| NVNT | ac20 | 5500 | Ant1 | 28.095 | --- | Pass |
| NVNT | ac20 | 5580 | Ant1 | 29.682 | --- | Pass |
| NVNT | ac20 | 5700 | Ant1 | 28.186 | --- | Pass |
| NVNT | ac40 | 5510 | Ant1 | 45.662 | --- | Pass |
| NVNT | ac40 | 5550 | Ant1 | 42.709 | --- | Pass |
| NVNT | ac40 | 5670 | Ant1 | 44.424 | --- | Pass |
| NVNT | ac80 | 5530 | Ant1 | 86.51 | --- | Pass |
| NVNT | ac80 | 5610 | Ant1 | 86.657 | --- | Pass |

Test Graphs

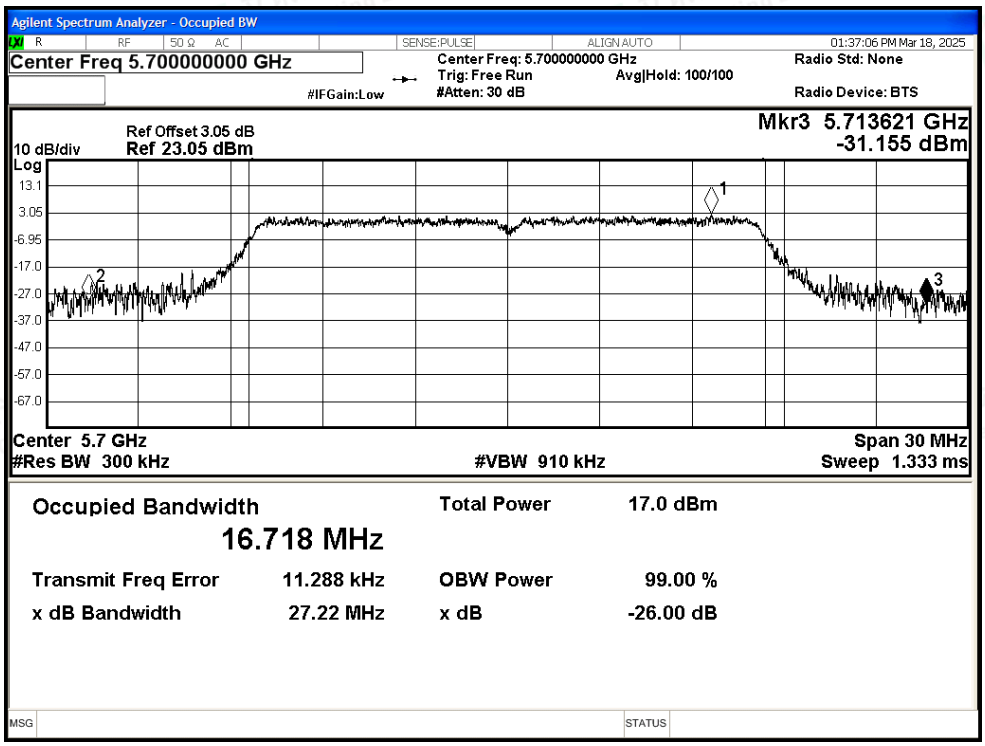
-26dB Bandwidth NVNT a 5500MHz Ant1



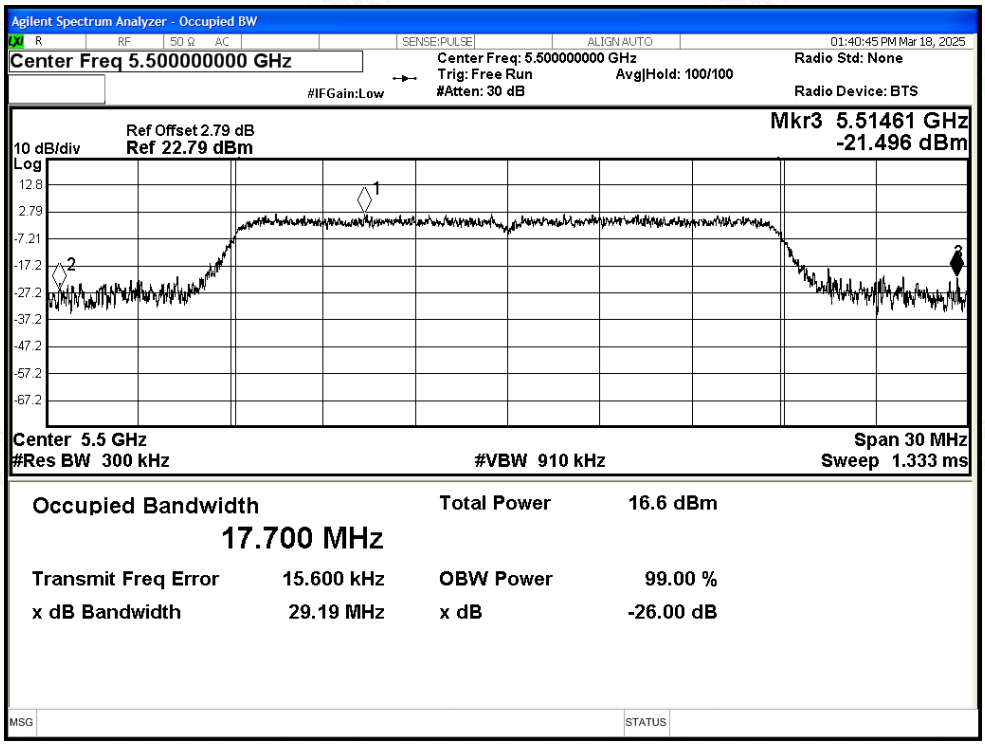

-26dB Bandwidth NVNT a 5580MHz Ant1



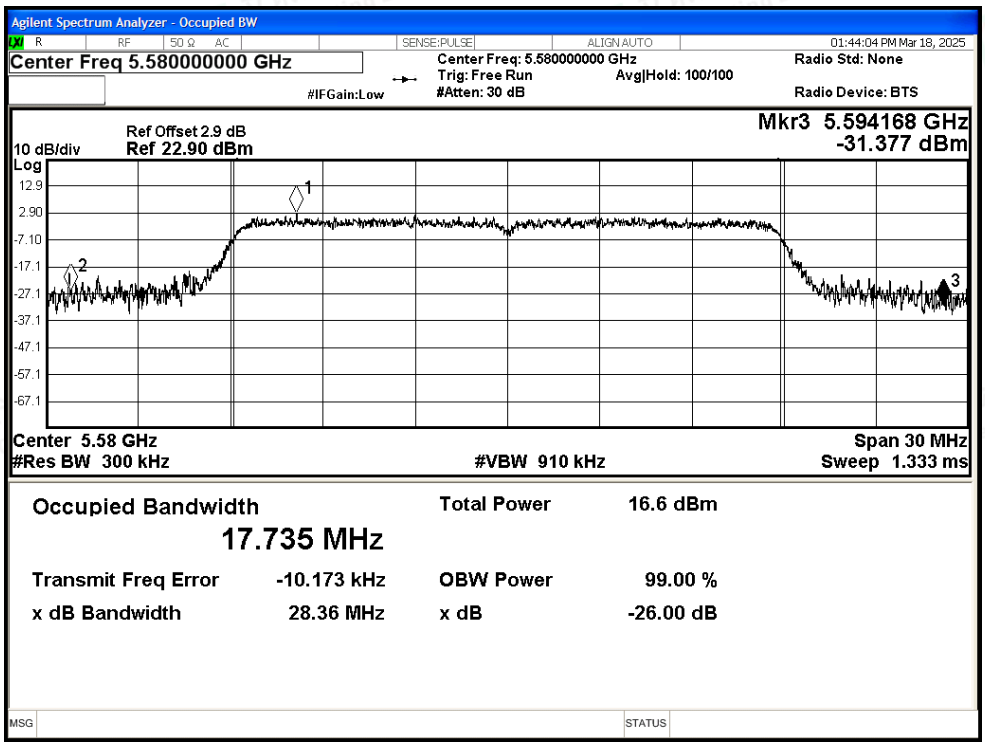
-26dB Bandwidth NVNT a 5700MHz Ant1



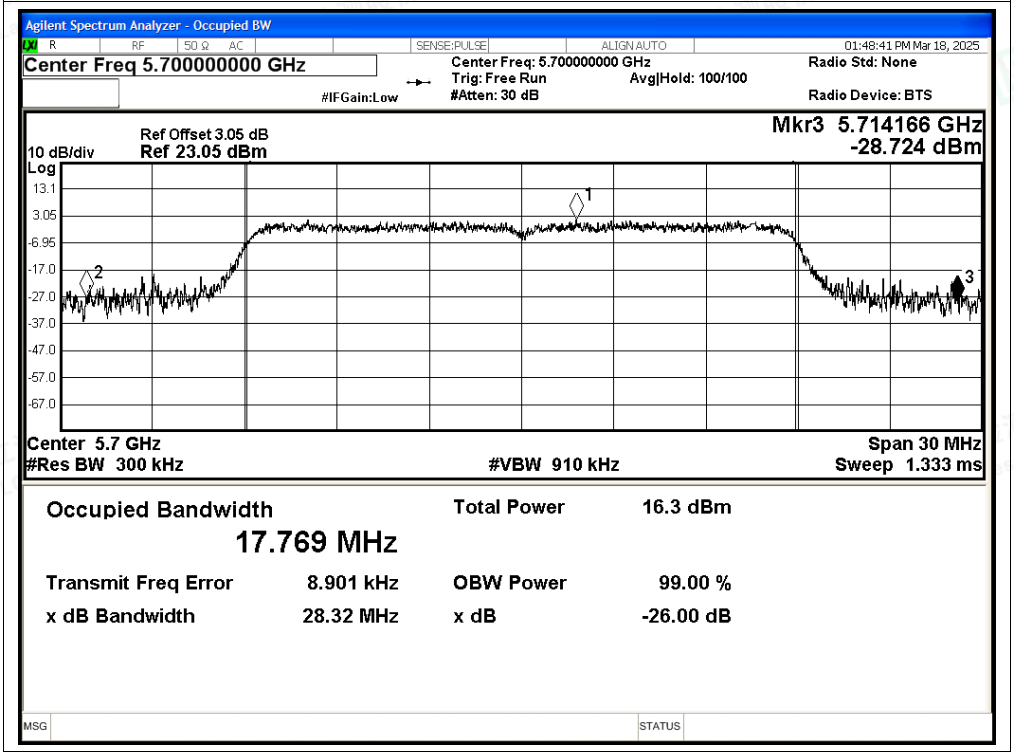

-26dB Bandwidth NVNT n20 5500MHz Ant1



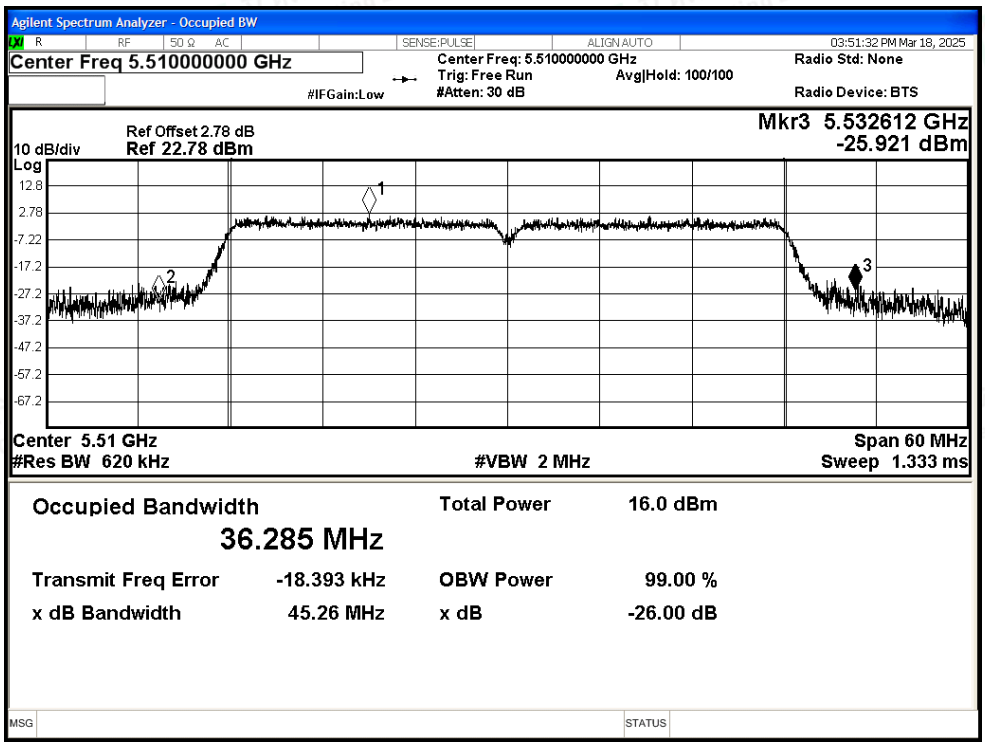
-26dB Bandwidth NVNT n20 5580MHz Ant1



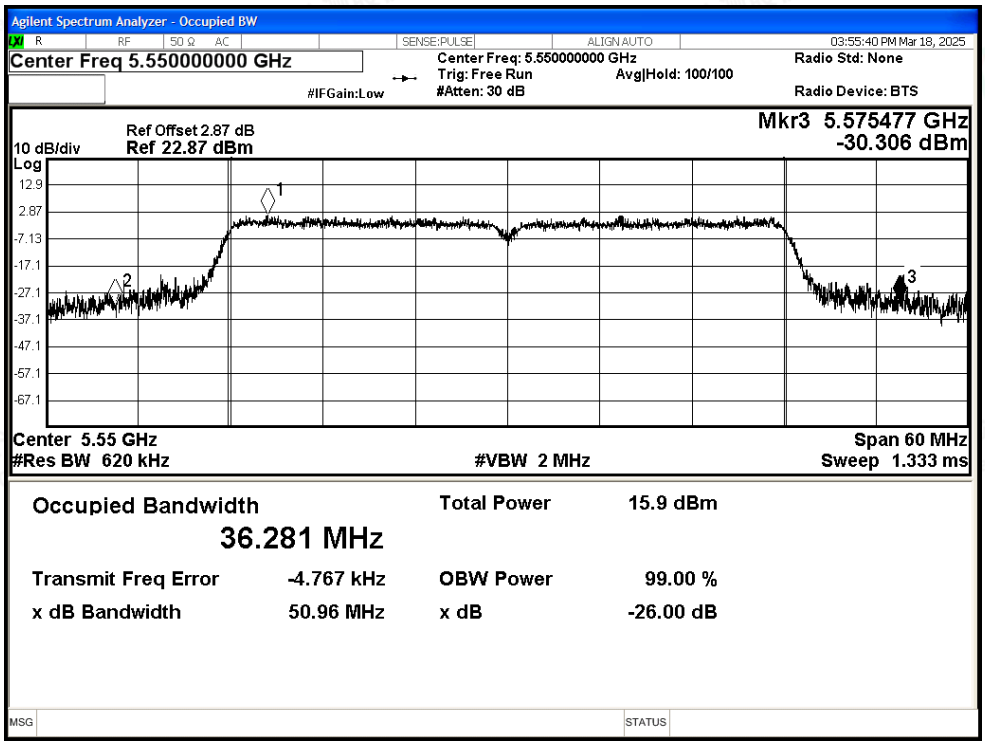

-26dB Bandwidth NVNT n20 5700MHz Ant1



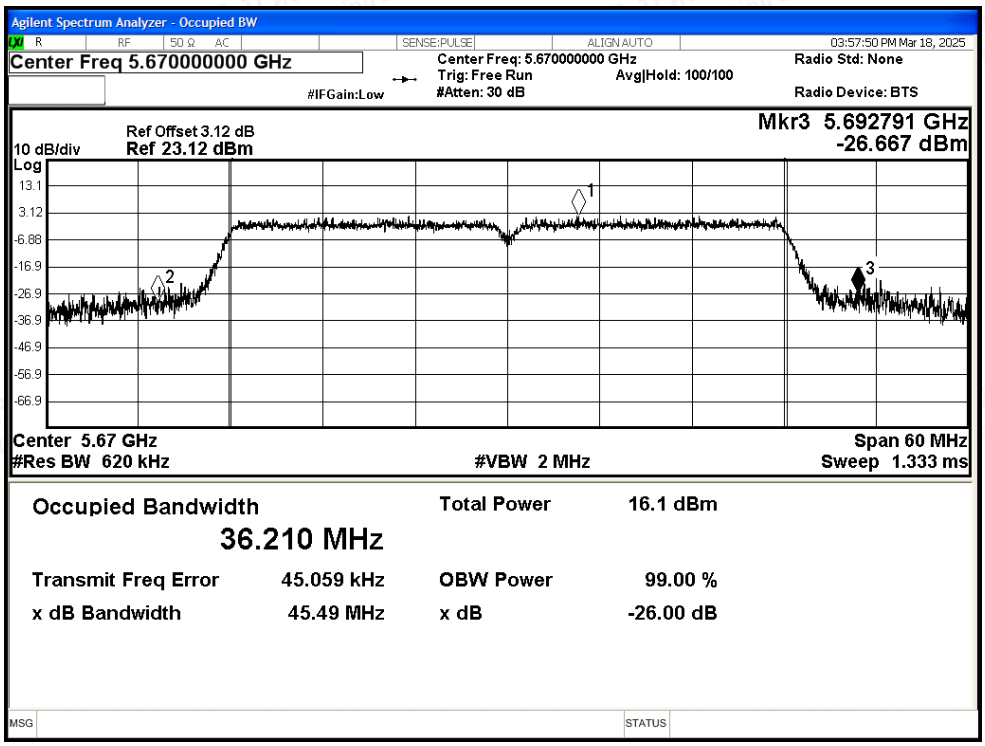
-26dB Bandwidth NVNT n40 5510MHz Ant1



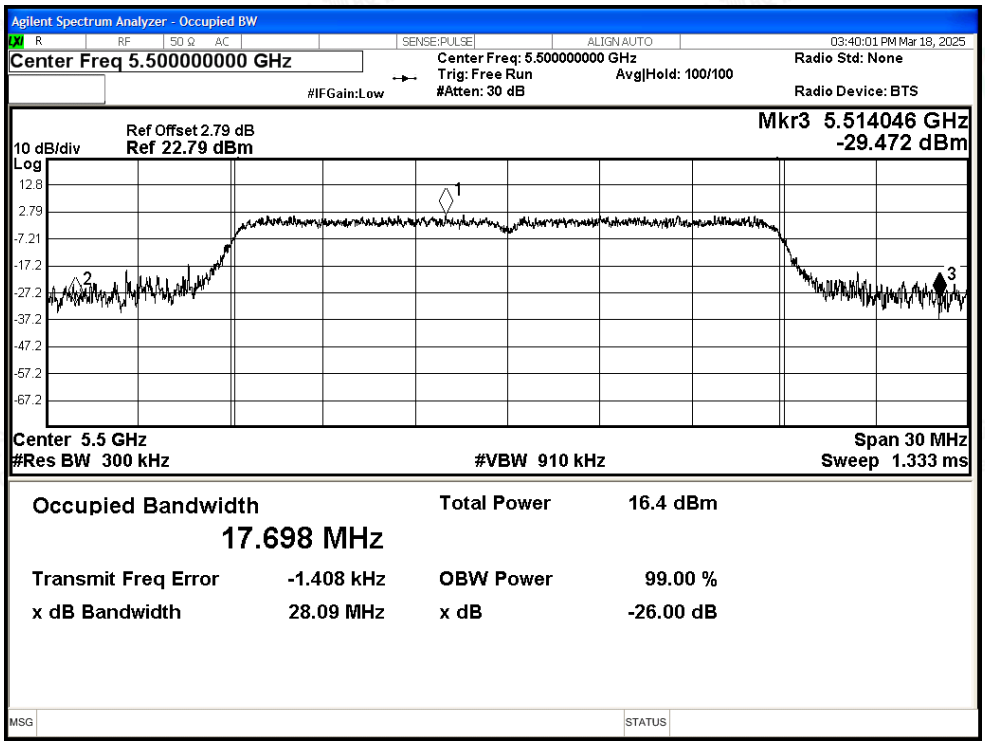

-26dB Bandwidth NVNT n40 5550MHz Ant1



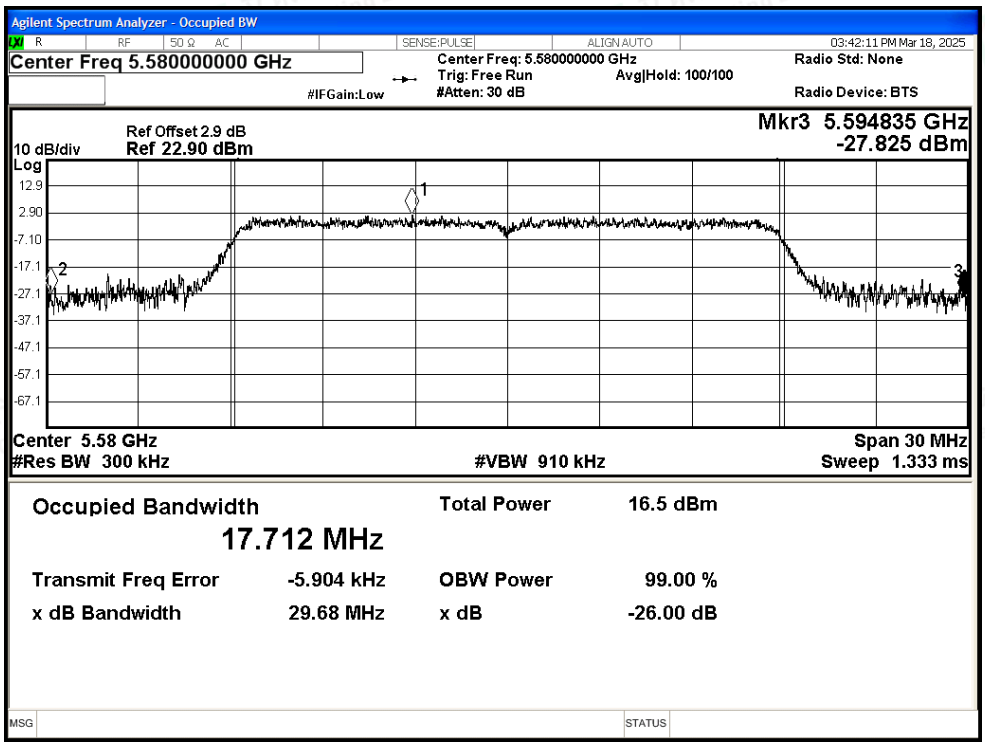
-26dB Bandwidth NVNT n40 5670MHz Ant1



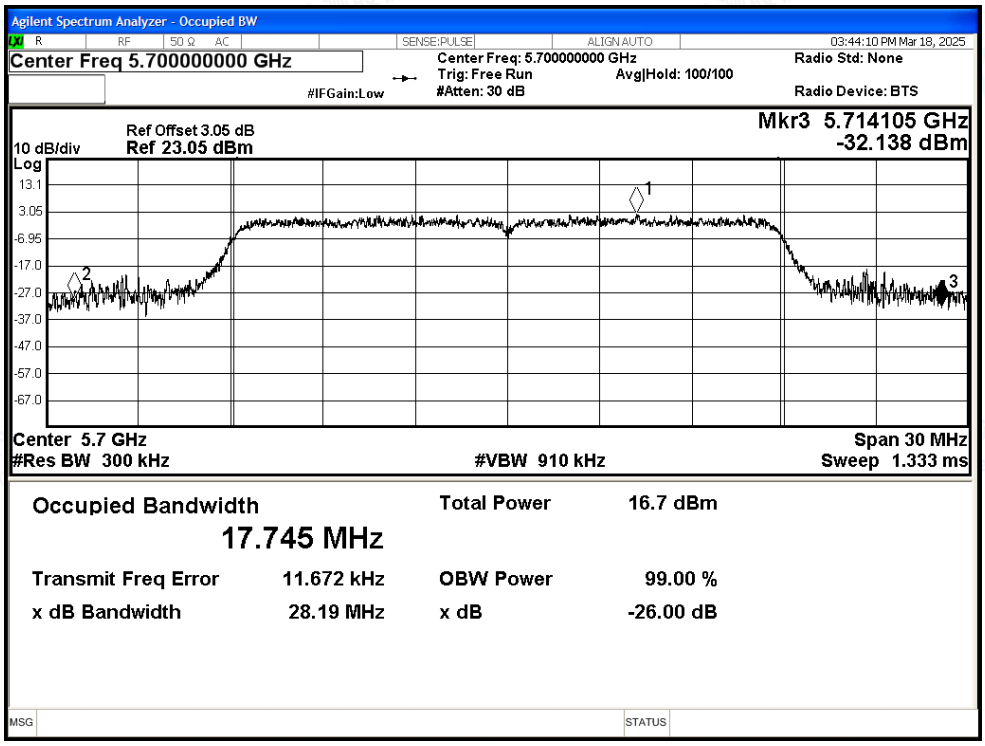

-26dB Bandwidth NVNT ac20 5500MHz Ant1



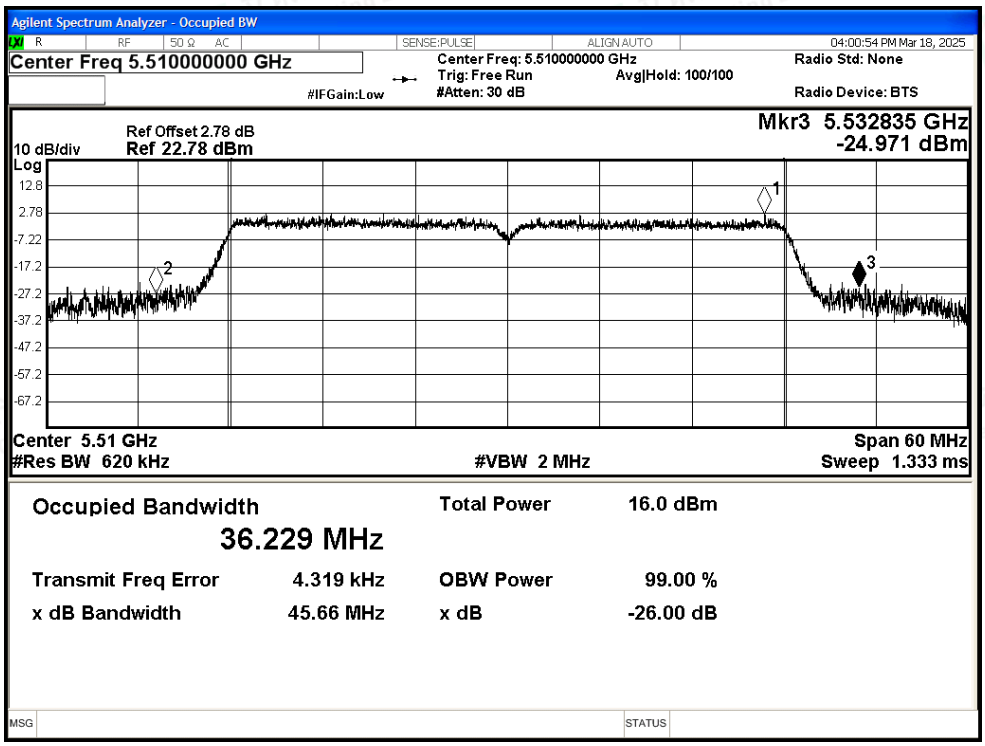
-26dB Bandwidth NVNT ac20 5580MHz Ant1



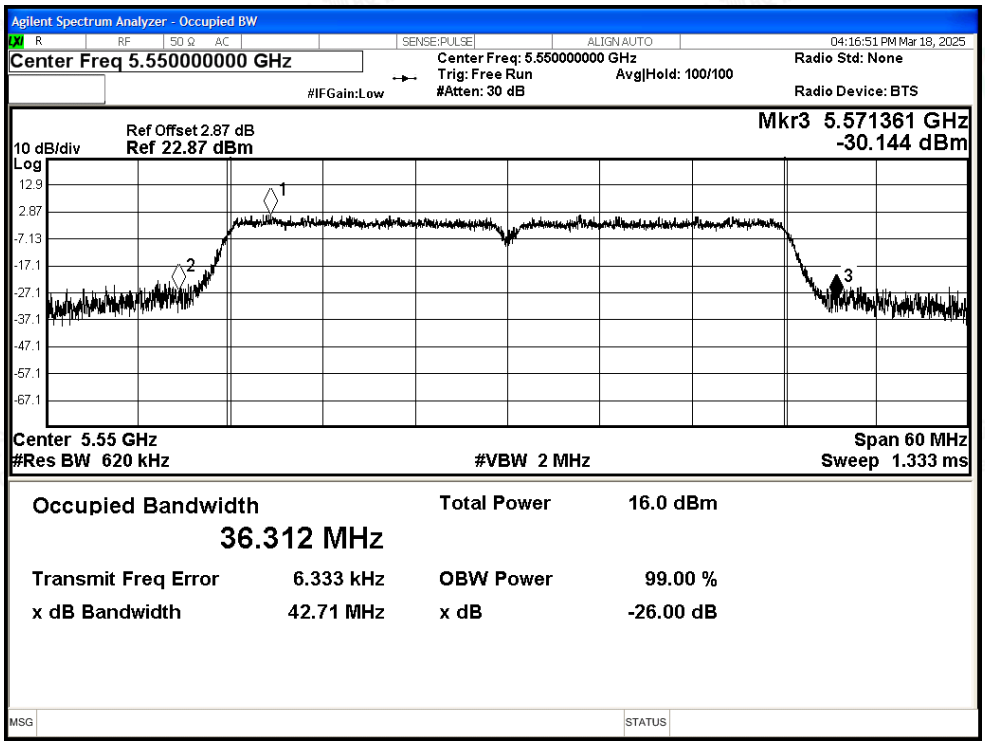

-26dB Bandwidth NVNT ac20 5700MHz Ant1



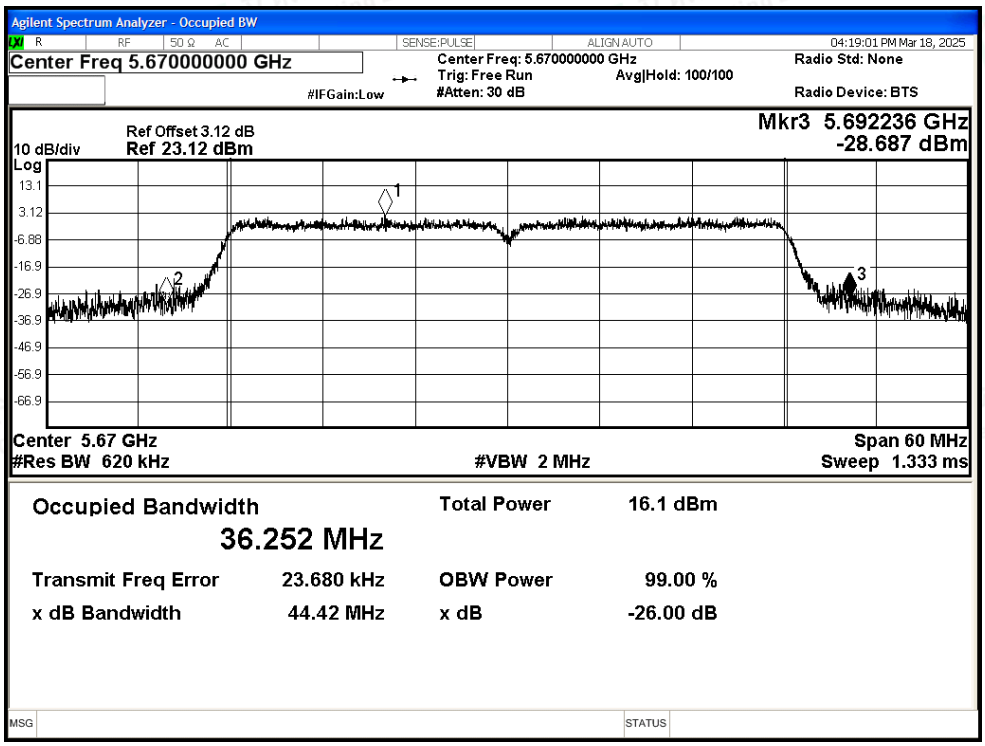
-26dB Bandwidth NVNT ac40 5510MHz Ant1



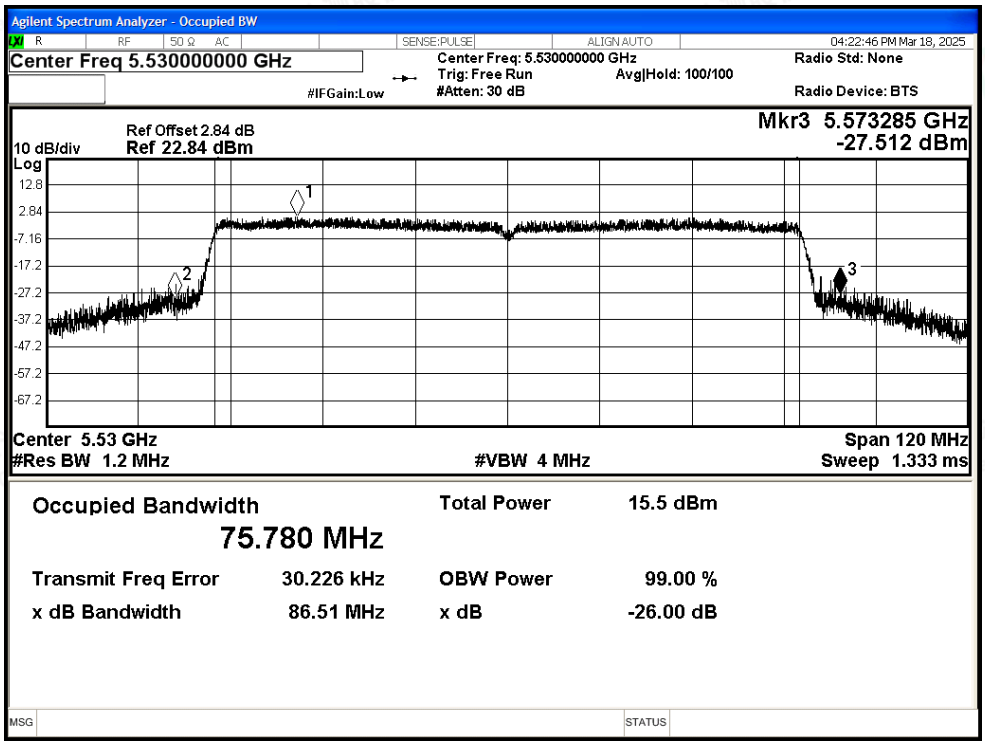

-26dB Bandwidth NVNT ac40 5550MHz Ant1



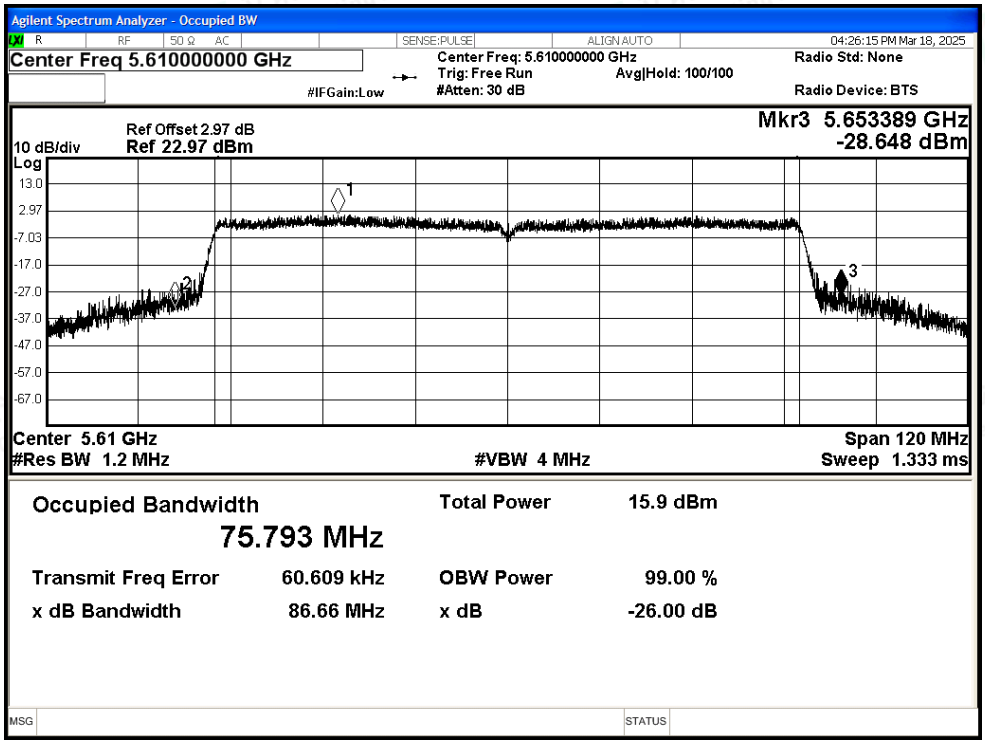
-26dB Bandwidth NVNT ac40 5670MHz Ant1




-26dB Bandwidth NVNT ac80 5530MHz Ant1



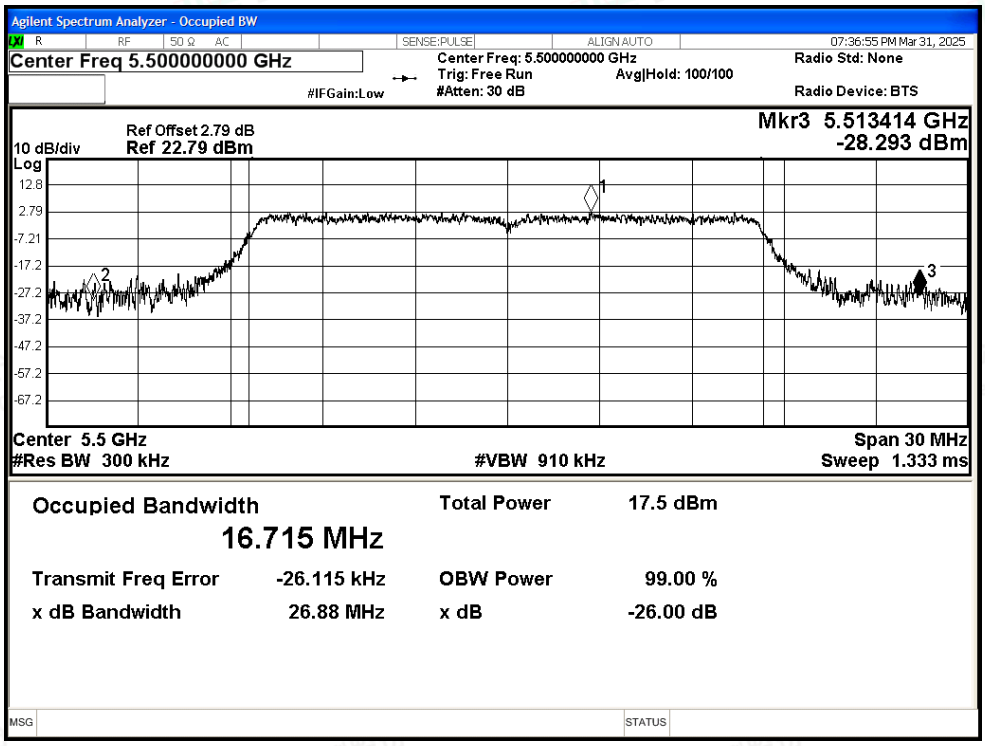
-26dB Bandwidth NVNT ac80 5610MHz Ant1



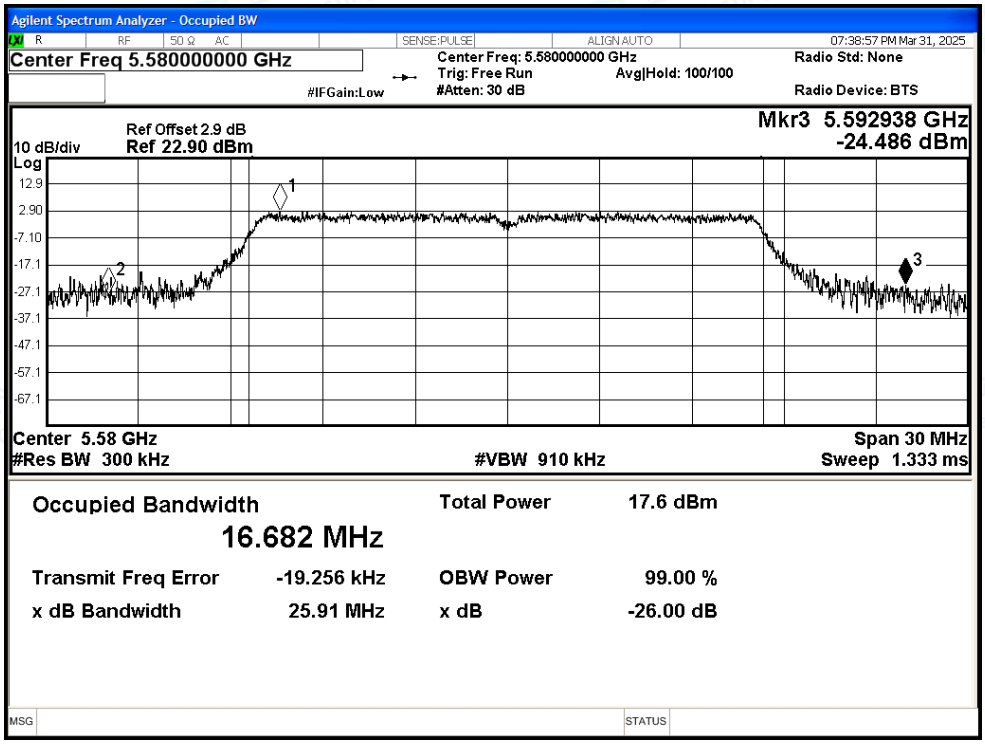
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant2 | 26.88 | >=0.5 | Pass |
| NVNT | a | 5580 | Ant2 | 25.914 | >=0.5 | Pass |
| NVNT | a | 5700 | Ant2 | 28.002 | >=0.5 | Pass |
| NVNT | n20 | 5500 | Ant2 | 27.755 | >=0.5 | Pass |
| NVNT | n20 | 5580 | Ant2 | 28.382 | >=0.5 | Pass |
| NVNT | n20 | 5700 | Ant2 | 27.713 | >=0.5 | Pass |
| NVNT | n40 | 5510 | Ant2 | 48.054 | >=0.5 | Pass |
| NVNT | n40 | 5550 | Ant2 | 45.484 | >=0.5 | Pass |
| NVNT | n40 | 5670 | Ant2 | 48.694 | >=0.5 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 28.658 | >=0.5 | Pass |
| NVNT | ac20 | 5580 | Ant2 | 27.474 | >=0.5 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 28.992 | >=0.5 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 49.061 | >=0.5 | Pass |
| NVNT | ac40 | 5550 | Ant2 | 43.543 | >=0.5 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 45.539 | >=0.5 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 85.138 | >=0.5 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 83.619 | >=0.5 | Pass |

Test Graphs

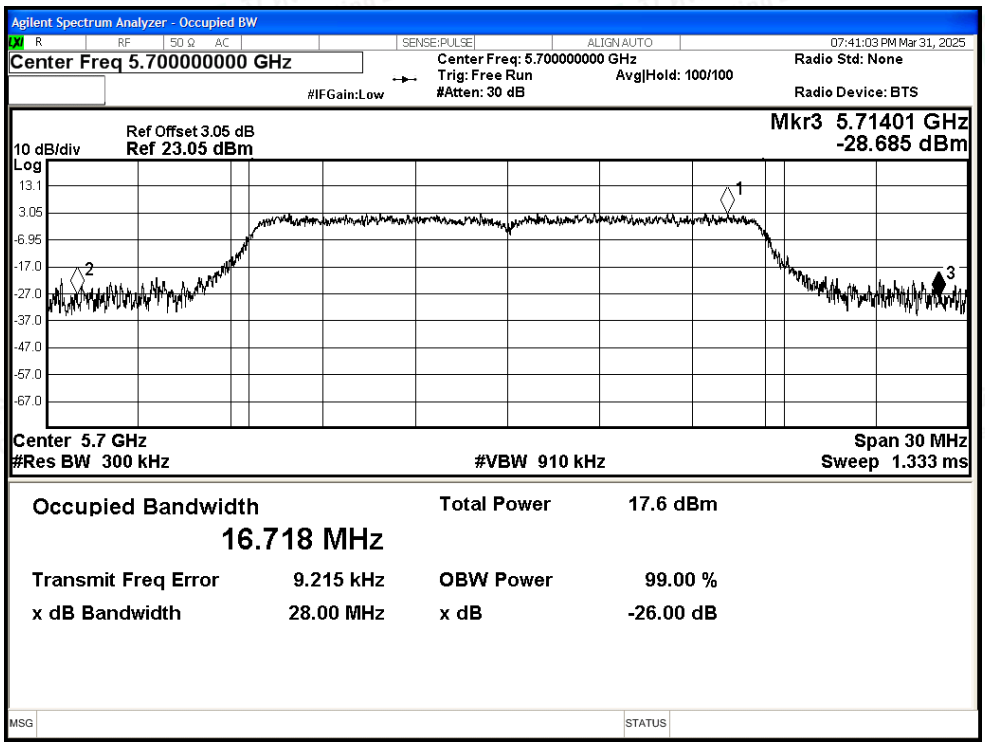
-26dB Bandwidth NVNT a 5500MHz Ant2



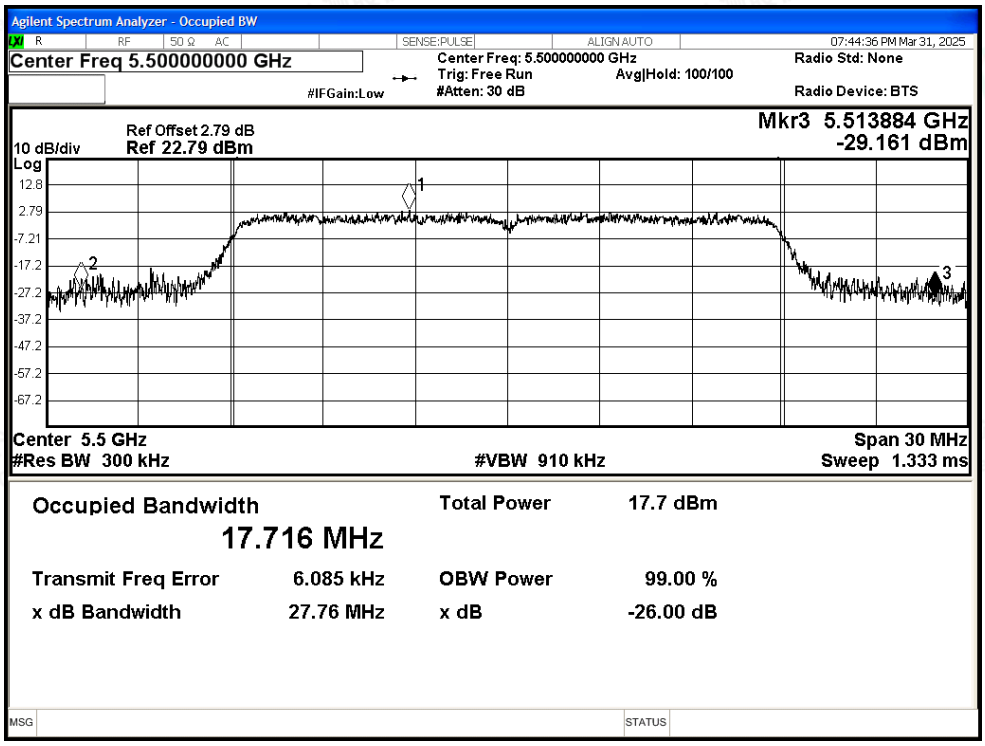

-26dB Bandwidth NVNT a 5580MHz Ant2



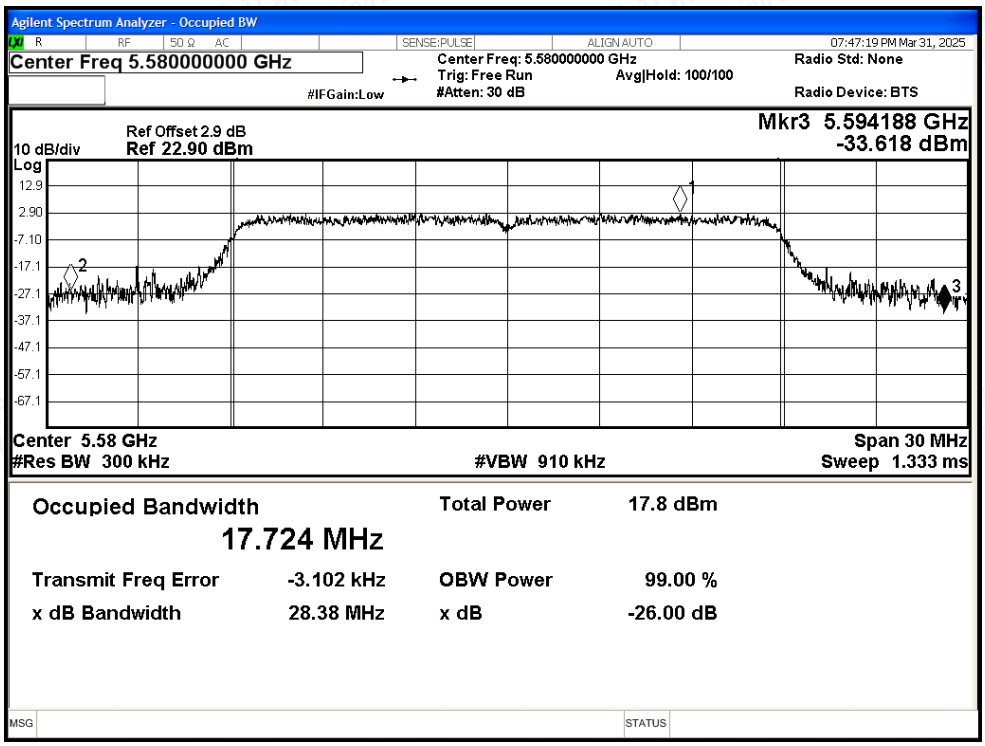
-26dB Bandwidth NVNT a 5700MHz Ant2



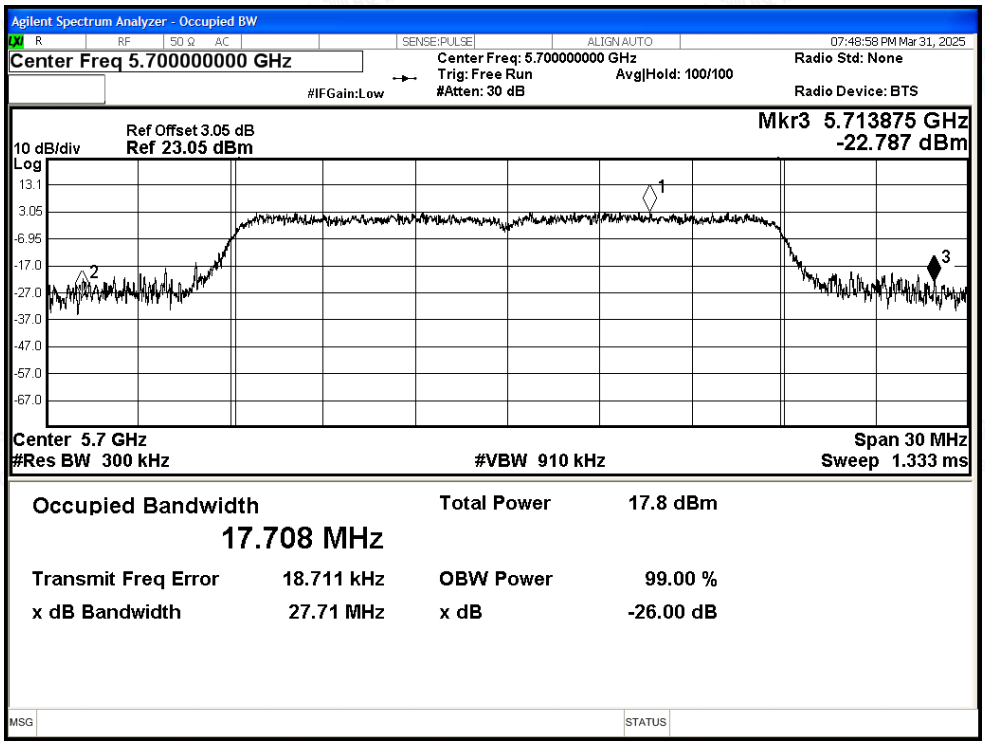

-26dB Bandwidth NVNT n20 5500MHz Ant2



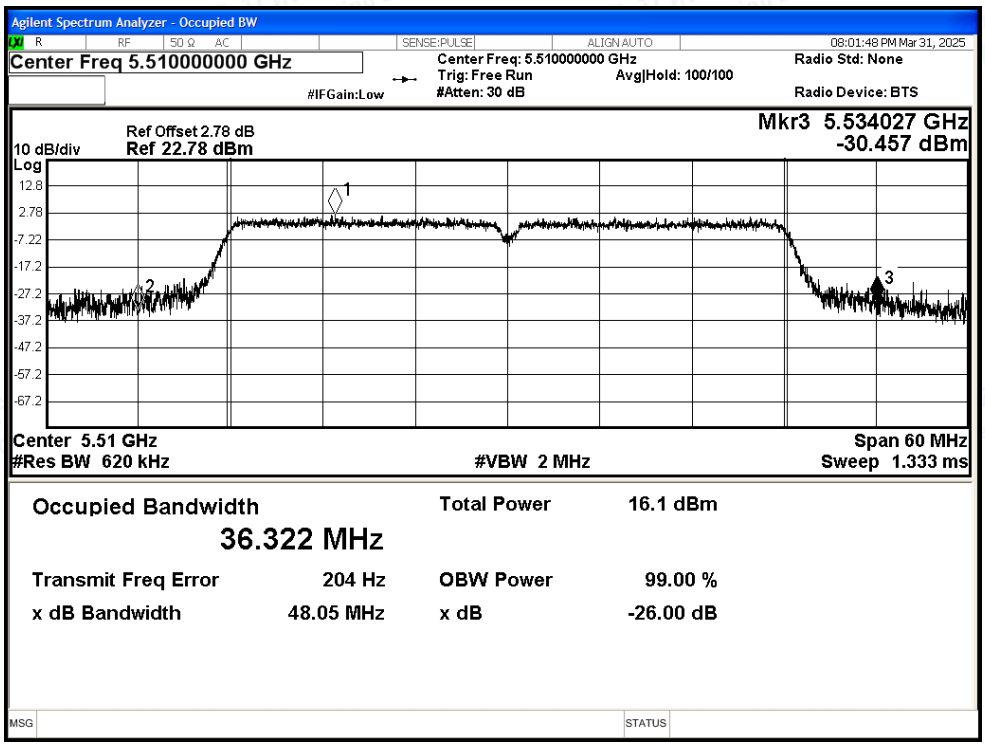
-26dB Bandwidth NVNT n20 5580MHz Ant2



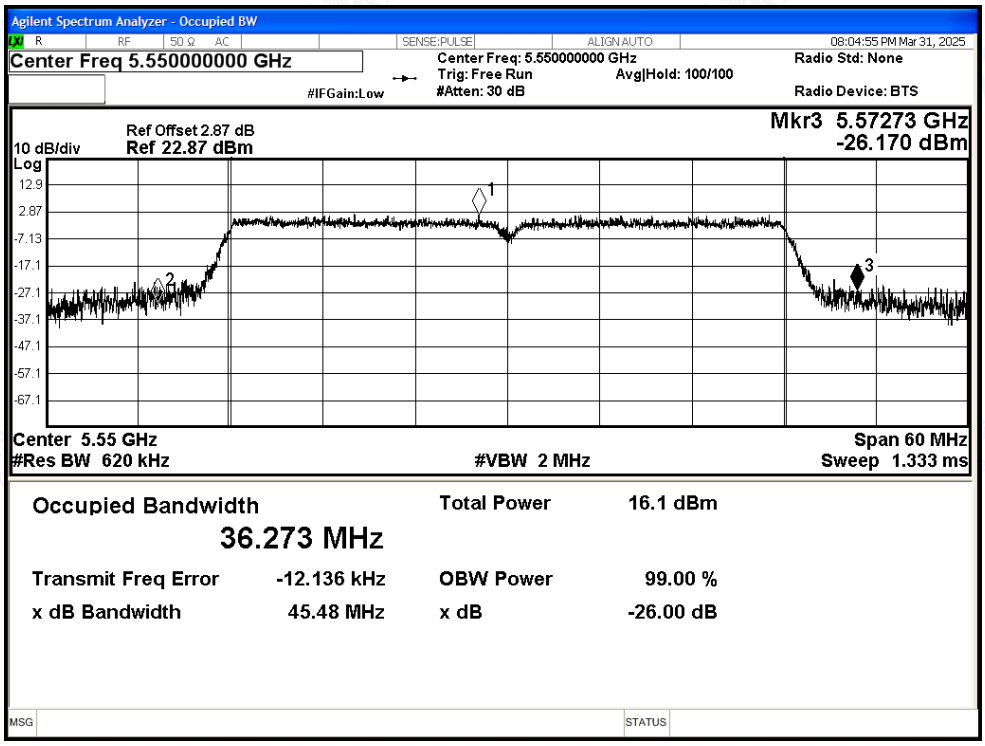

-26dB Bandwidth NVNT n20 5700MHz Ant2



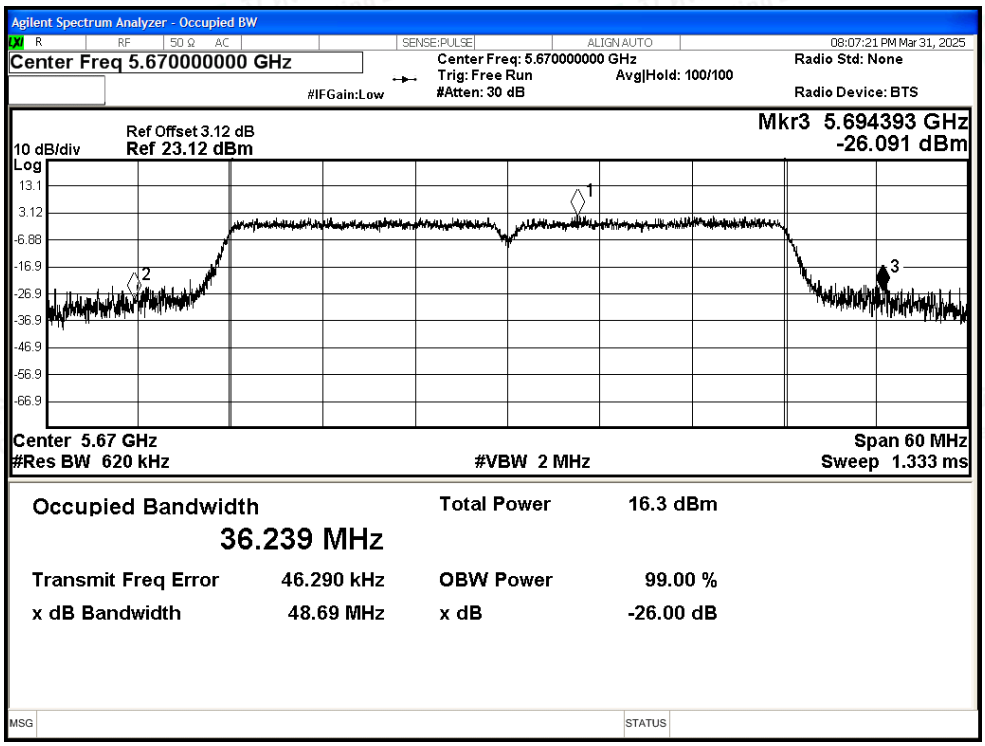
-26dB Bandwidth NVNT n40 5510MHz Ant2



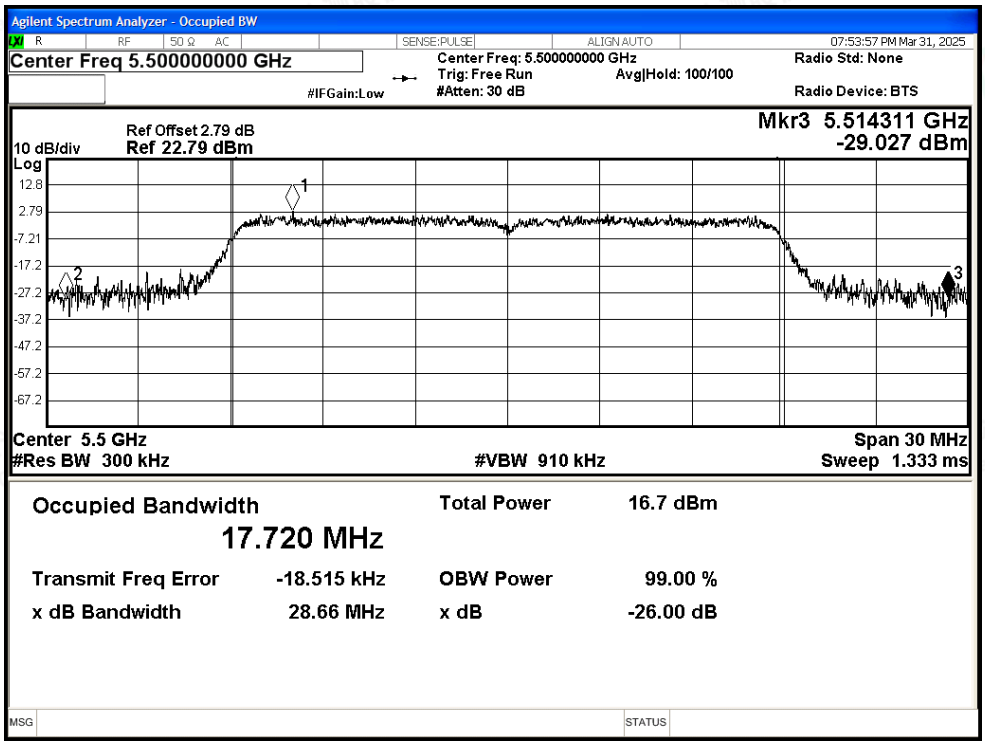

-26dB Bandwidth NVNT n40 5550MHz Ant2



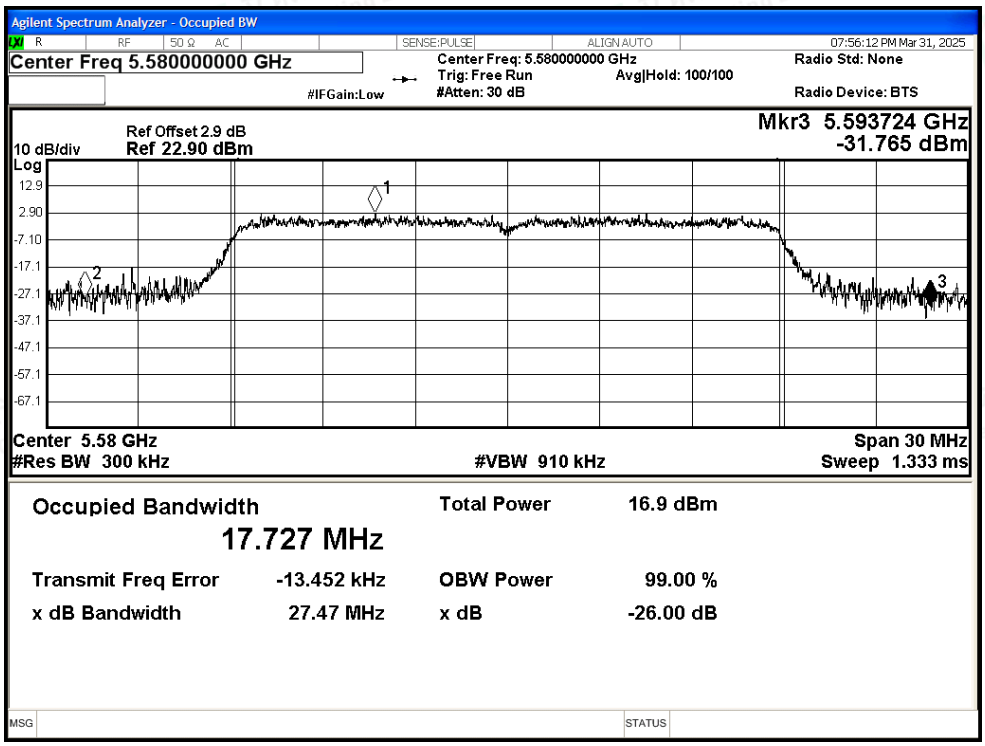
-26dB Bandwidth NVNT n40 5670MHz Ant2



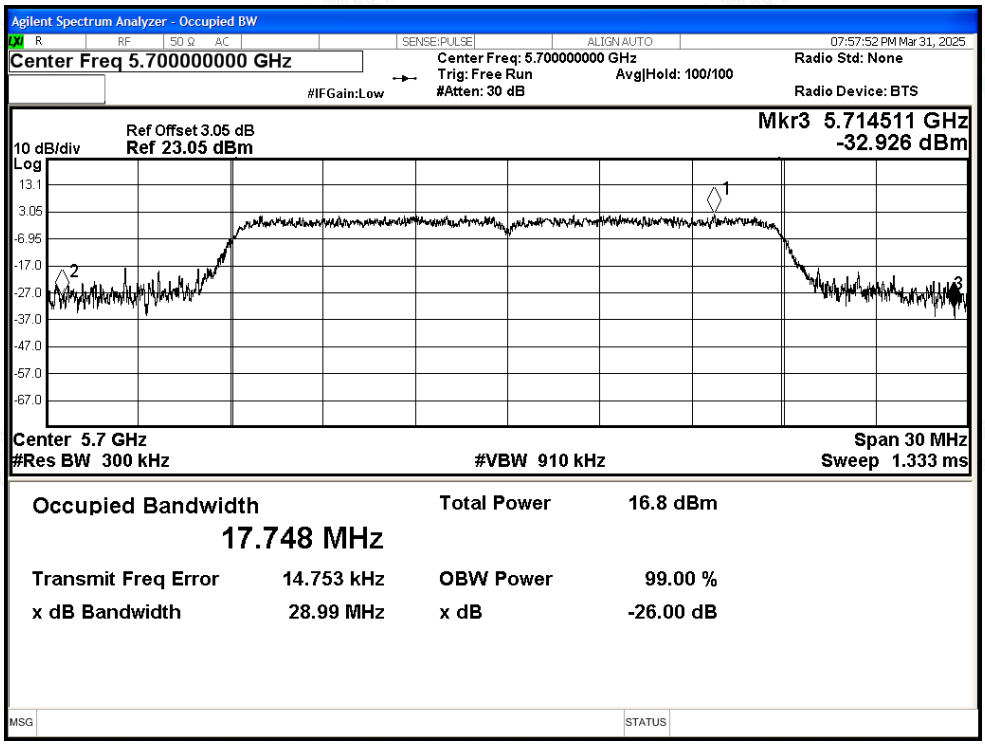

-26dB Bandwidth NVNT ac20 5500MHz Ant2



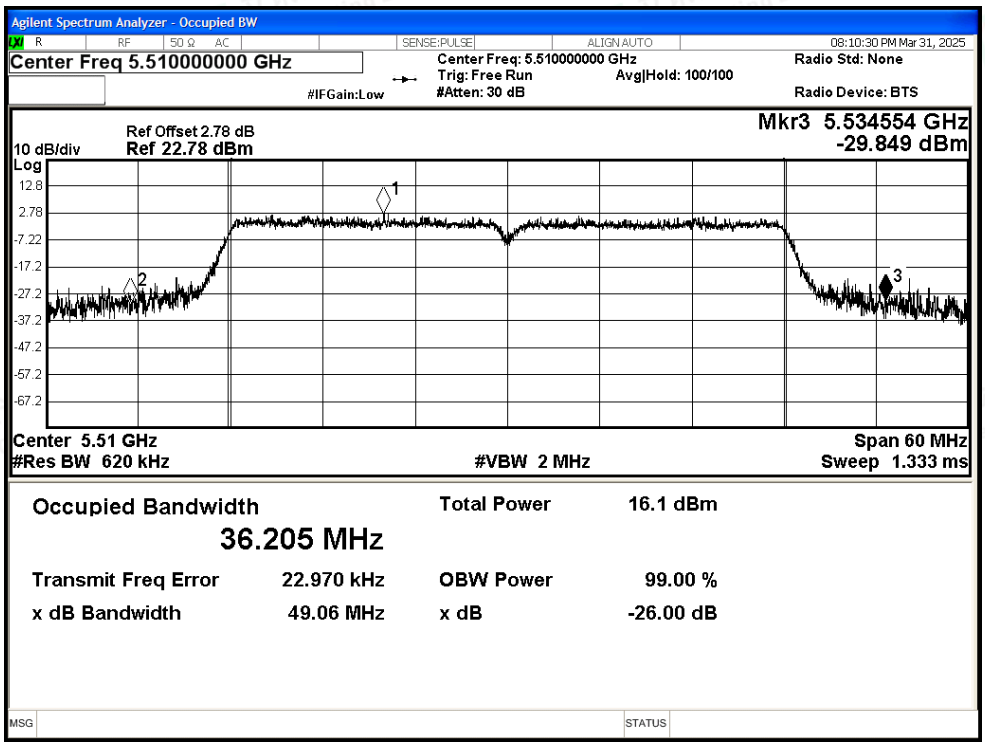
-26dB Bandwidth NVNT ac20 5580MHz Ant2



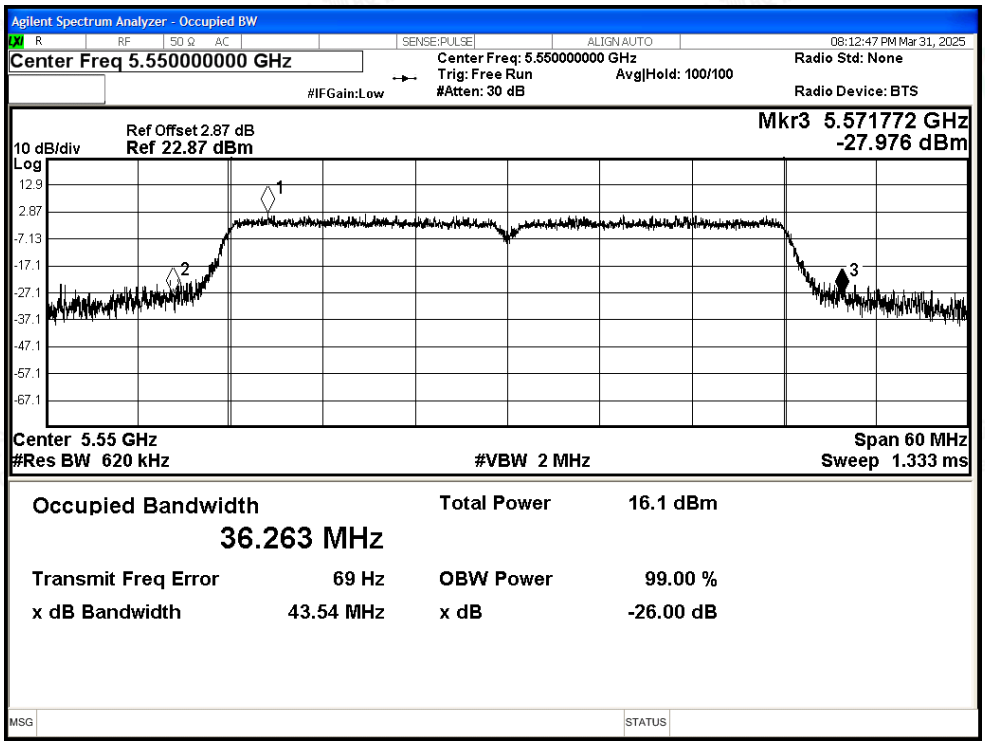

-26dB Bandwidth NVNT ac20 5700MHz Ant2



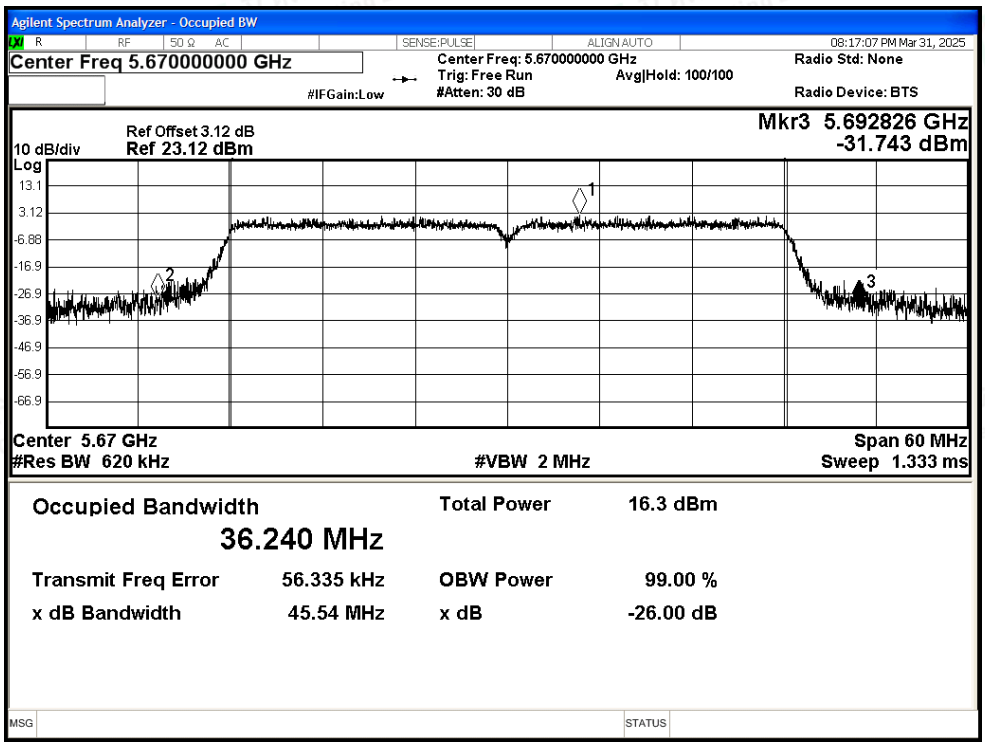
-26dB Bandwidth NVNT ac40 5510MHz Ant2



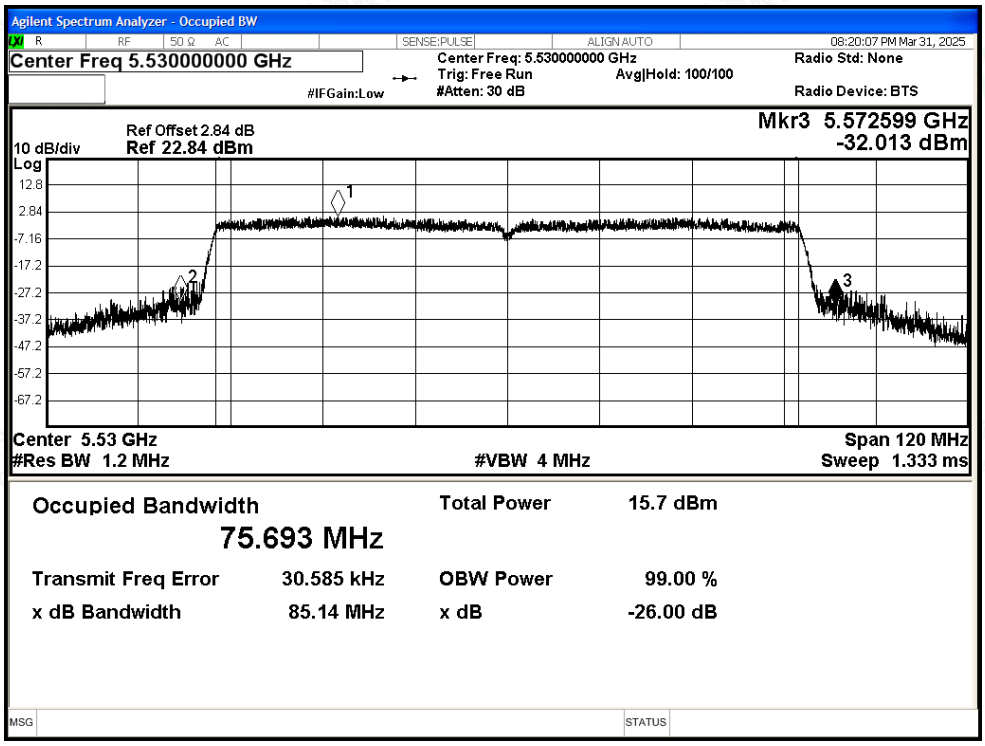

-26dB Bandwidth NVNT ac40 5550MHz Ant2



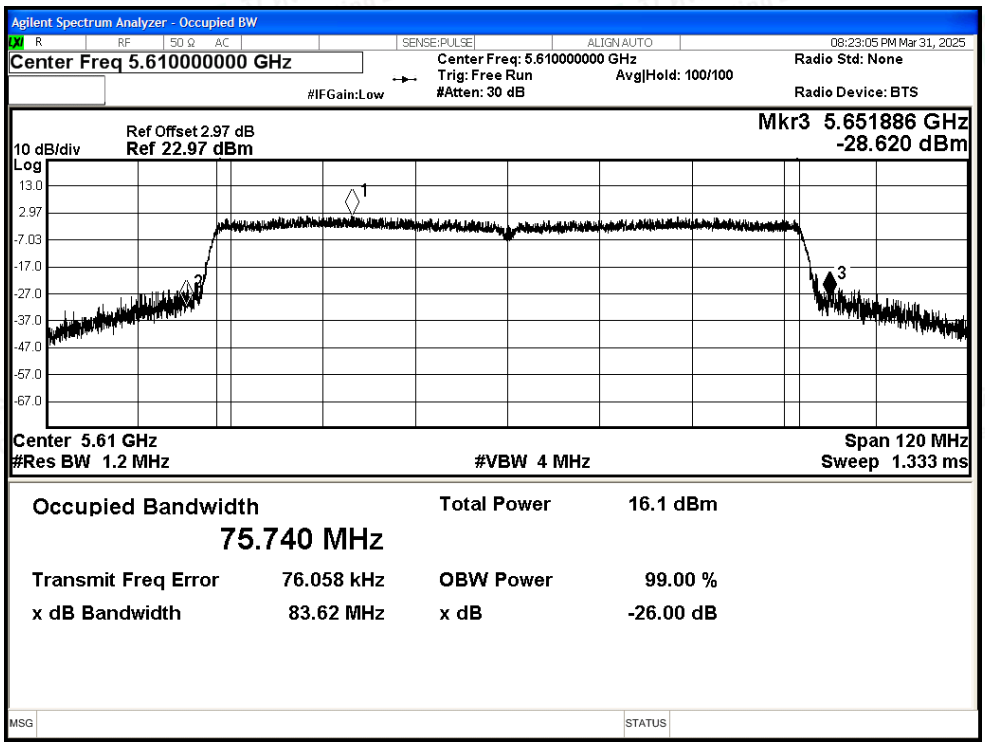
-26dB Bandwidth NVNT ac40 5670MHz Ant2




-26dB Bandwidth NVNT ac80 5530MHz Ant2



-26dB Bandwidth NVNT ac80 5610MHz Ant2



# F.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant1 | 11.71 | 0.1 | 11.81 | 24 | Pass |
| NVNT | a | 5580 | Ant1 | 11.74 | 0.1 | 11.84 | 24 | Pass |
| NVNT | a | 5700 | Ant1 | 11.4 | 0.1 | 11.5 | 24 | Pass |
| NVNT | n20 | 5500 | Ant1 | 10.98 | 0.12 | 11.1 | 24 | Pass |
| NVNT | n20 | 5580 | Ant1 | 11.09 | 0.12 | 11.21 | 24 | Pass |
| NVNT | n20 | 5700 | Ant1 | 10.8 | 0.12 | 10.92 | 24 | Pass |
| NVNT | n40 | 5510 | Ant1 | 9.84 | 0.12 | 9.96 | 24 | Pass |
| NVNT | n40 | 5550 | Ant1 | 9.81 | 0.12 | 9.93 | 24 | Pass |
| NVNT | n40 | 5670 | Ant1 | 9.89 | 0.12 | 10.01 | 24 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 10.99 | 0.12 | 11.11 | 24 | Pass |
| NVNT | ac20 | 5580 | Ant1 | 11.04 | 0.12 | 11.16 | 24 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 11.11 | 0.12 | 11.23 | 24 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 9.77 | 0.12 | 9.89 | 24 | Pass |
| NVNT | ac40 | 5550 | Ant1 | 9.74 | 0.12 | 9.86 | 24 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 9.93 | 0.12 | 10.05 | 24 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 8.7 | 0.25 | 8.95 | 24 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 9.12 | 0.25 | 9.37 | 24 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant2 | 11.76 | 0.24 | 12 | 24 | Pass |
| NVNT | a | 5580 | Ant2 | 11.9 | 0.24 | 12.14 | 24 | Pass |
| NVNT | a | 5700 | Ant2 | 11.82 | 0.24 | 12.06 | 24 | Pass |
| NVNT | n20 | 5500 | Ant2 | 11.92 | 0.28 | 12.2 | 24 | Pass |
| NVNT | n20 | 5580 | Ant2 | 12.08 | 0.28 | 12.36 | 24 | Pass |
| NVNT | n20 | 5700 | Ant2 | 12.09 | 0.28 | 12.37 | 24 | Pass |
| NVNT | n40 | 5510 | Ant2 | 9.98 | 0.12 | 10.1 | 24 | Pass |
| NVNT | n40 | 5550 | Ant2 | 10 | 0.12 | 10.12 | 24 | Pass |
| NVNT | n40 | 5670 | Ant2 | 10.1 | 0.12 | 10.22 | 24 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 11.01 | 0.28 | 11.29 | 24 | Pass |
| NVNT | ac20 | 5580 | Ant2 | 11.2 | 0.28 | 11.48 | 24 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 11.21 | 0.28 | 11.49 | 24 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 9.88 | 0.12 | 10 | 24 | Pass |
| NVNT | ac40 | 5550 | Ant2 | 9.9 | 0.12 | 10.02 | 24 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 10.11 | 0.12 | 10.23 | 24 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 8.99 | 0.25 | 9.24 | 24 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 9.33 | 0.25 | 9.58 | 24 | Pass |

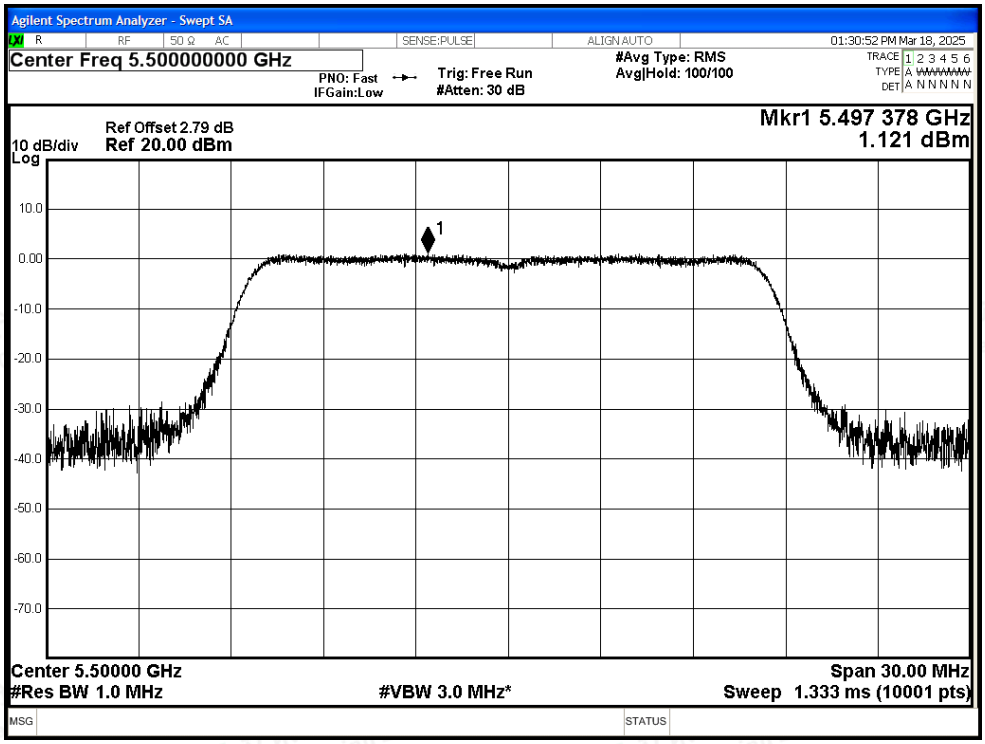
# F.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant1 | 1.12 | 0.1 | 1.22 | 11 | Pass |
| NVNT | a | 5580 | Ant1 | 1.49 | 0.1 | 1.59 | 11 | Pass |
| NVNT | a | 5700 | Ant1 | 0.83 | 0.1 | 0.93 | 11 | Pass |
| NVNT | n20 | 5500 | Ant1 | 0.61 | 0.12 | 0.73 | 11 | Pass |
| NVNT | n20 | 5580 | Ant1 | 0.26 | 0.12 | 0.38 | 11 | Pass |
| NVNT | n20 | 5700 | Ant1 | 0.25 | 0.12 | 0.37 | 11 | Pass |
| NVNT | n40 | 5510 | Ant1 | -3.87 | 0.12 | -3.75 | 11 | Pass |
| NVNT | n40 | 5550 | Ant1 | -3.92 | 0.12 | -3.8 | 11 | Pass |
| NVNT | n40 | 5670 | Ant1 | -3.59 | 0.12 | -3.47 | 11 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 0.01 | 0.12 | 0.13 | 11 | Pass |
| NVNT | ac20 | 5580 | Ant1 | 0.29 | 0.12 | 0.41 | 11 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 0.48 | 0.12 | 0.6 | 11 | Pass |
| NVNT | ac40 | 5510 | Ant1 | -3.51 | 0.12 | -3.39 | 11 | Pass |
| NVNT | ac40 | 5550 | Ant1 | -3.99 | 0.12 | -3.87 | 11 | Pass |
| NVNT | ac40 | 5670 | Ant1 | -3.99 | 0.12 | -3.87 | 11 | Pass |
| NVNT | ac80 | 5530 | Ant1 | -7.8 | 0.25 | -7.55 | 11 | Pass |
| NVNT | ac80 | 5610 | Ant1 | -7.64 | 0.25 | -7.39 | 11 | Pass |

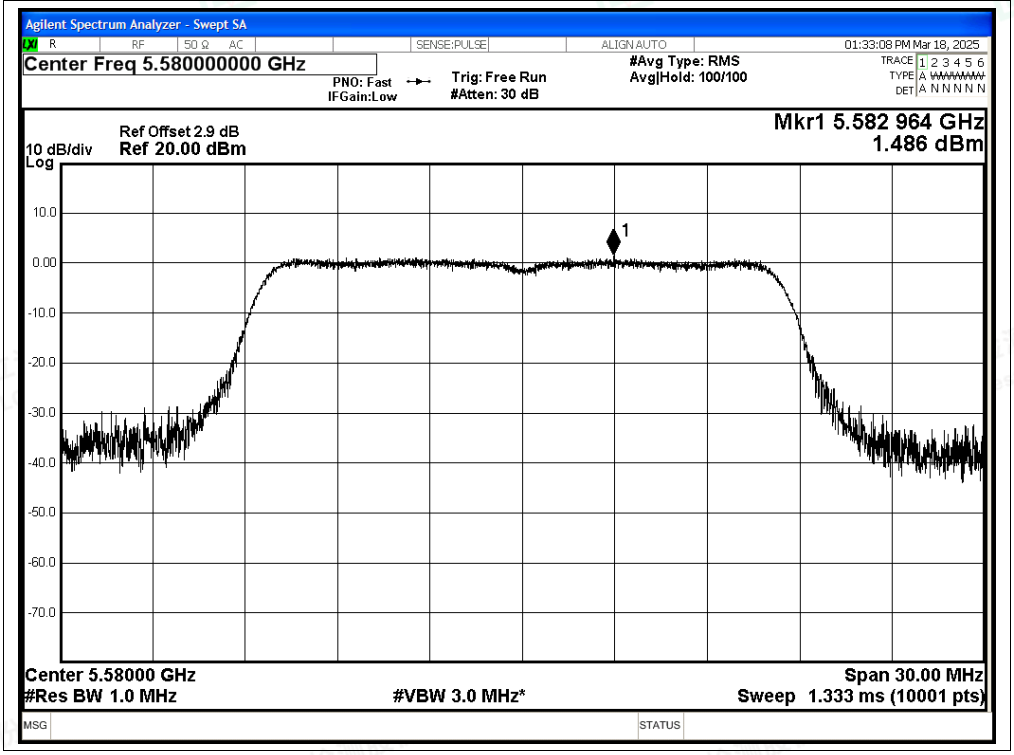
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant2 | 1.36 | 0.24 | 1.6 | 11 | Pass |
| NVNT | a | 5580 | Ant2 | 1.52 | 0.24 | 1.76 | 11 | Pass |
| NVNT | a | 5700 | Ant2 | 1.3 | 0.24 | 1.54 | 11 | Pass |
| NVNT | n20 | 5500 | Ant2 | 1.15 | 0.28 | 1.43 | 11 | Pass |
| NVNT | n20 | 5580 | Ant2 | 1.46 | 0.28 | 1.74 | 11 | Pass |
| NVNT | n20 | 5700 | Ant2 | 1.47 | 0.28 | 1.75 | 11 | Pass |
| NVNT | n40 | 5510 | Ant2 | -3.55 | 0.12 | -3.43 | 11 | Pass |
| NVNT | n40 | 5550 | Ant2 | -3.31 | 0.12 | -3.19 | 11 | Pass |
| NVNT | n40 | 5670 | Ant2 | -3.38 | 0.12 | -3.26 | 11 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 0.17 | 0.28 | 0.45 | 11 | Pass |
| NVNT | ac20 | 5580 | Ant2 | 0.55 | 0.28 | 0.83 | 11 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 0.47 | 0.28 | 0.75 | 11 | Pass |
| NVNT | ac40 | 5510 | Ant2 | -3.81 | 0.12 | -3.69 | 11 | Pass |
| NVNT | ac40 | 5550 | Ant2 | -3.77 | 0.12 | -3.65 | 11 | Pass |
| NVNT | ac40 | 5670 | Ant2 | -3.81 | 0.12 | -3.69 | 11 | Pass |
| NVNT | ac80 | 5530 | Ant2 | -7.56 | 0.25 | -7.31 | 11 | Pass |
| NVNT | ac80 | 5610 | Ant2 | -7.53 | 0.25 | -7.28 | 11 | Pass |

Test Graphs

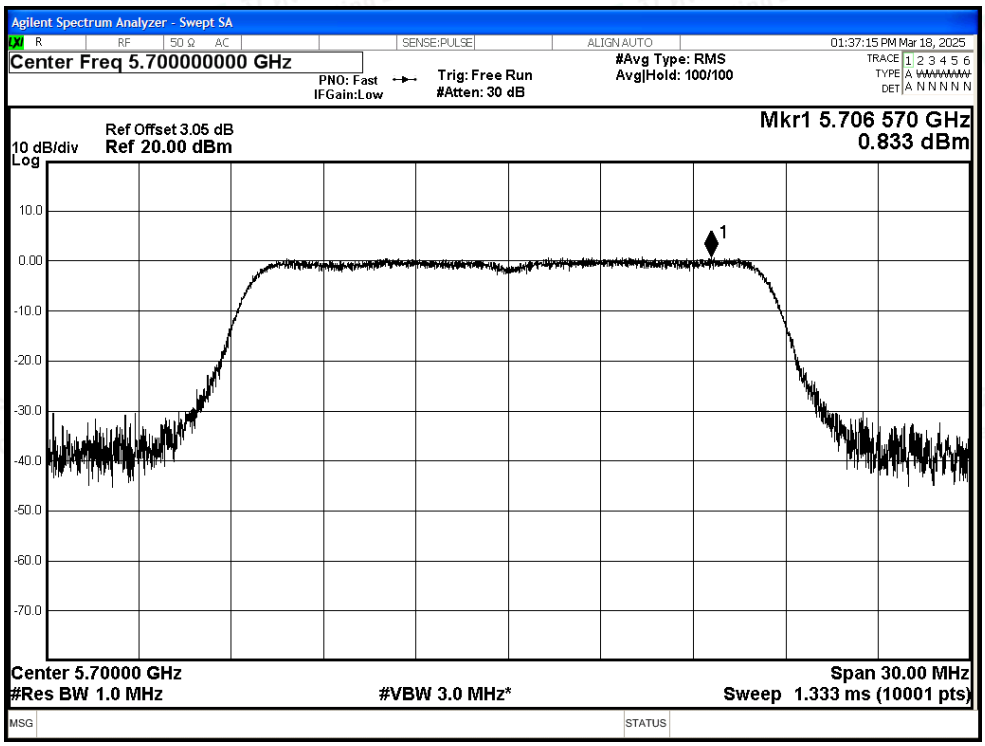
PSD NVNT a 5500MHz Ant1



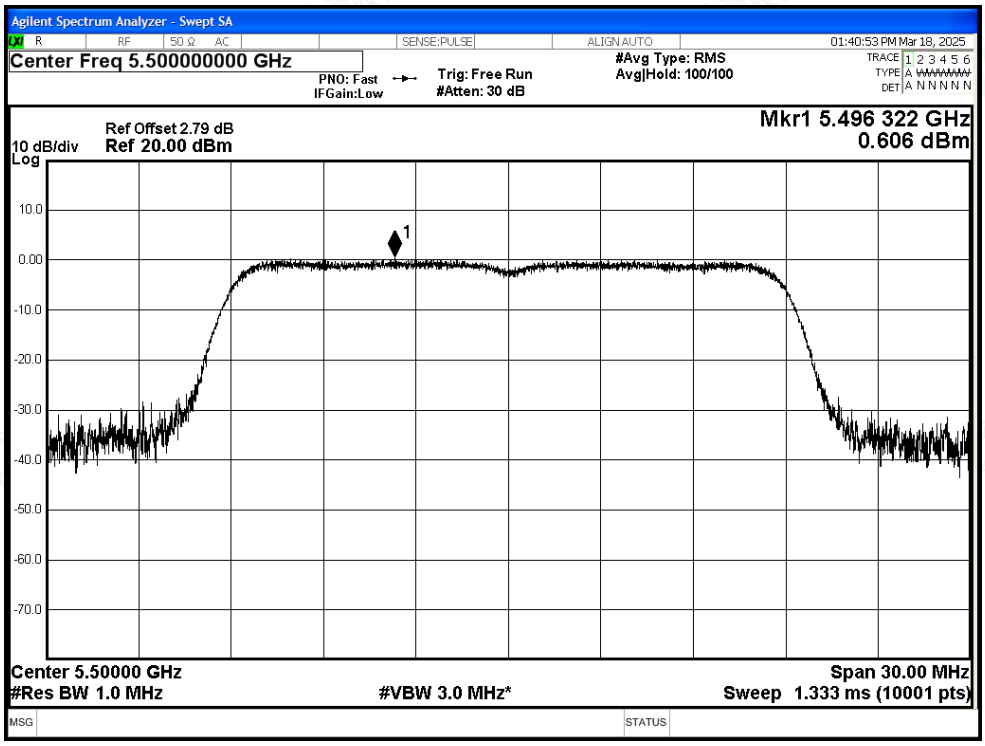

PSD NVNT a 5580MHz Ant1



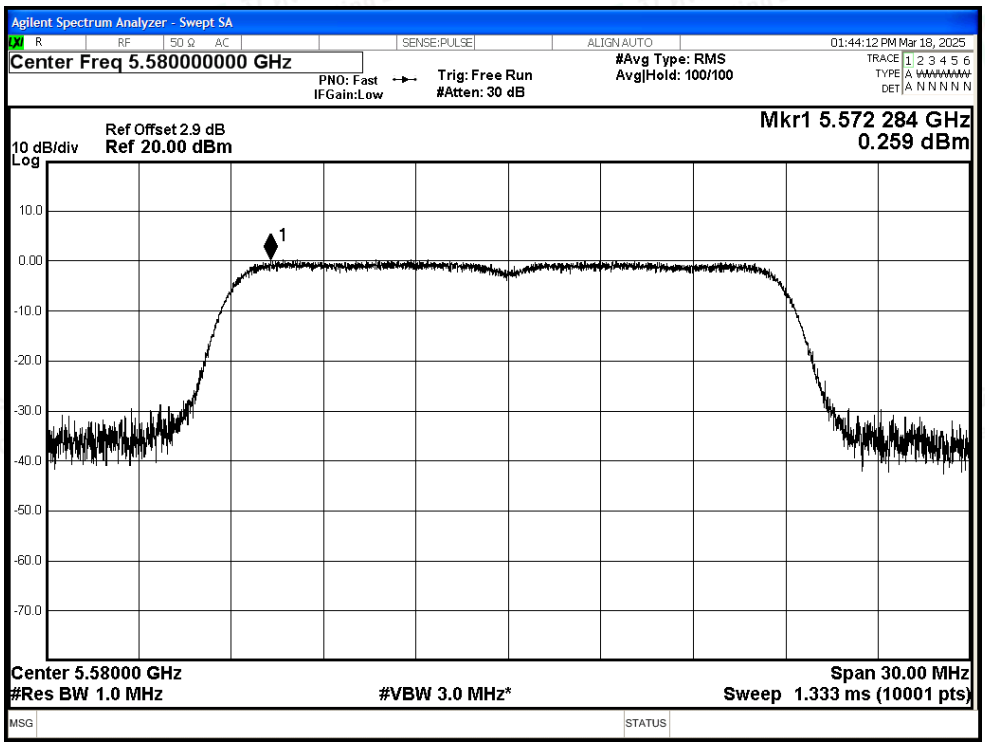
PSD NVNT a 5700MHz Ant1



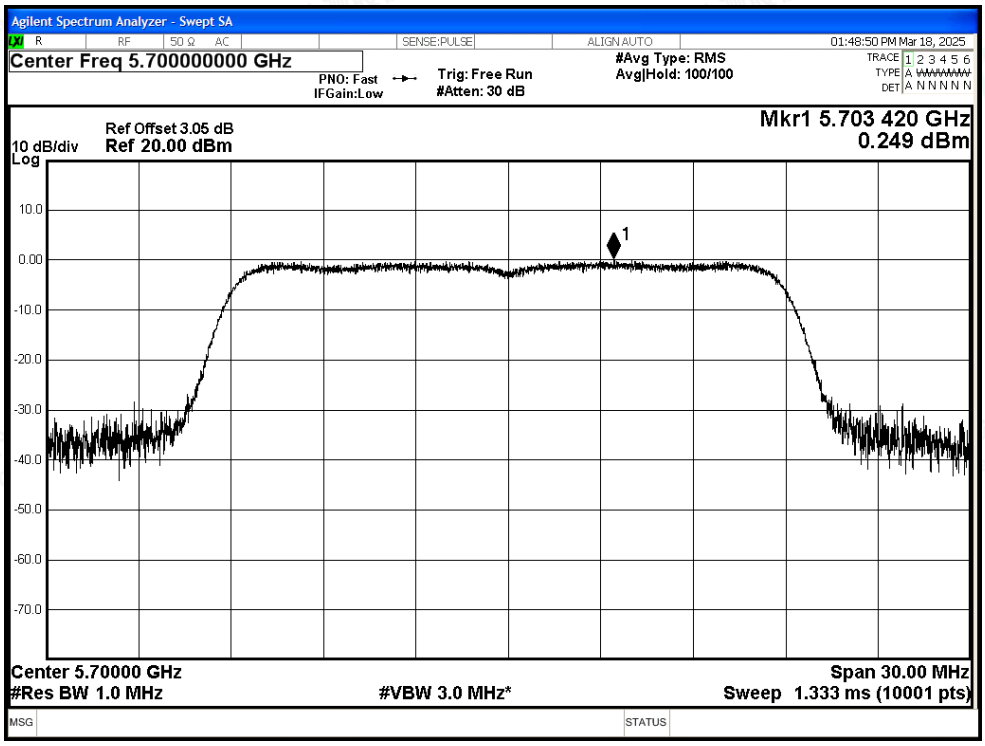

PSD NVNT n20 5500MHz Ant1



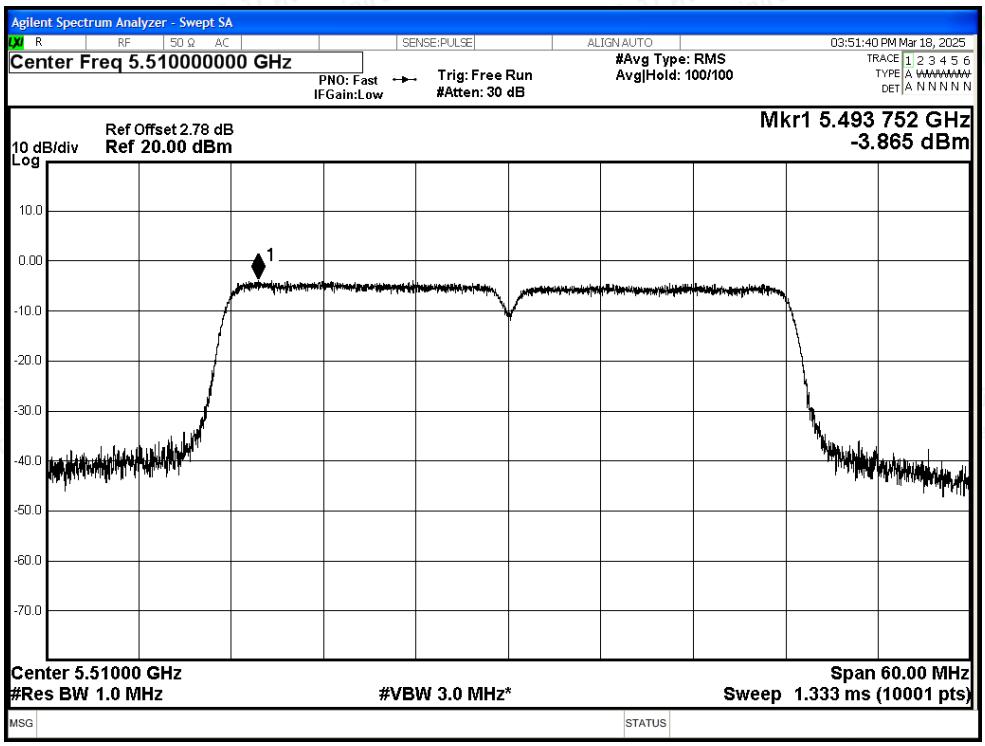
PSD NVNT n20 5580MHz Ant1



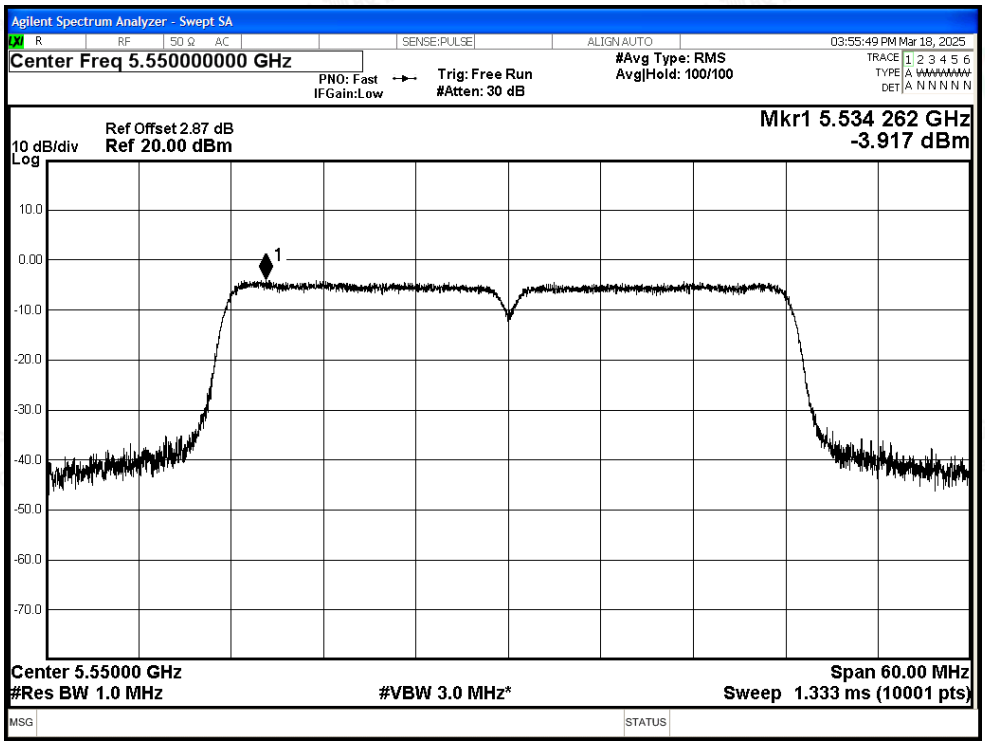

PSD NVNT n20 5700MHz Ant1



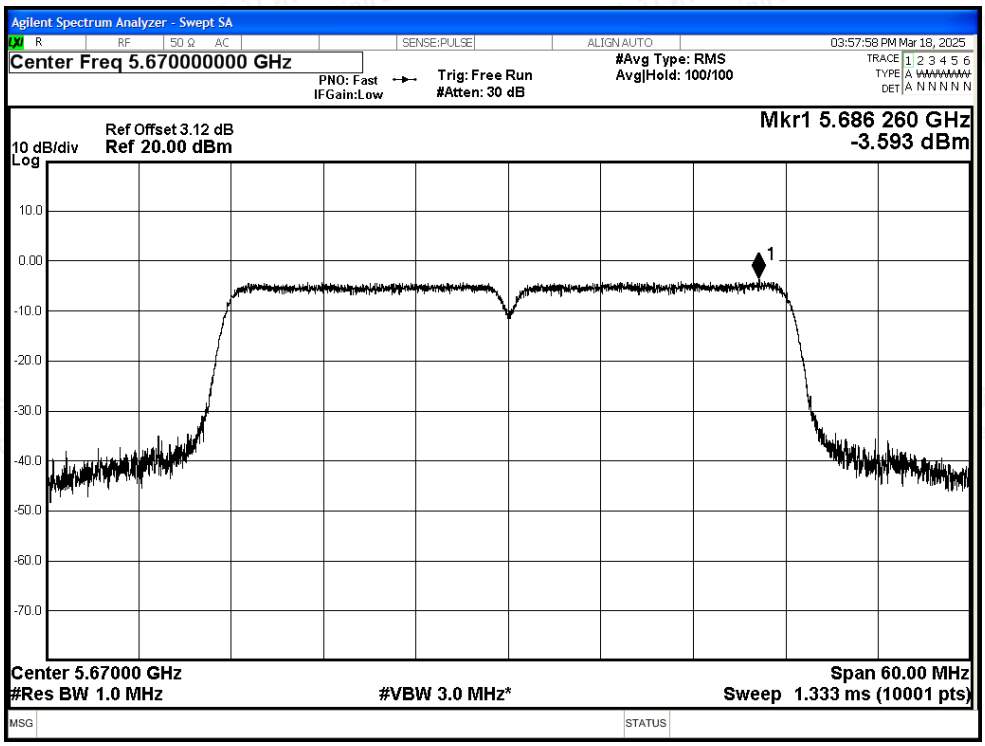
PSD NVNT n40 5510MHz Ant1



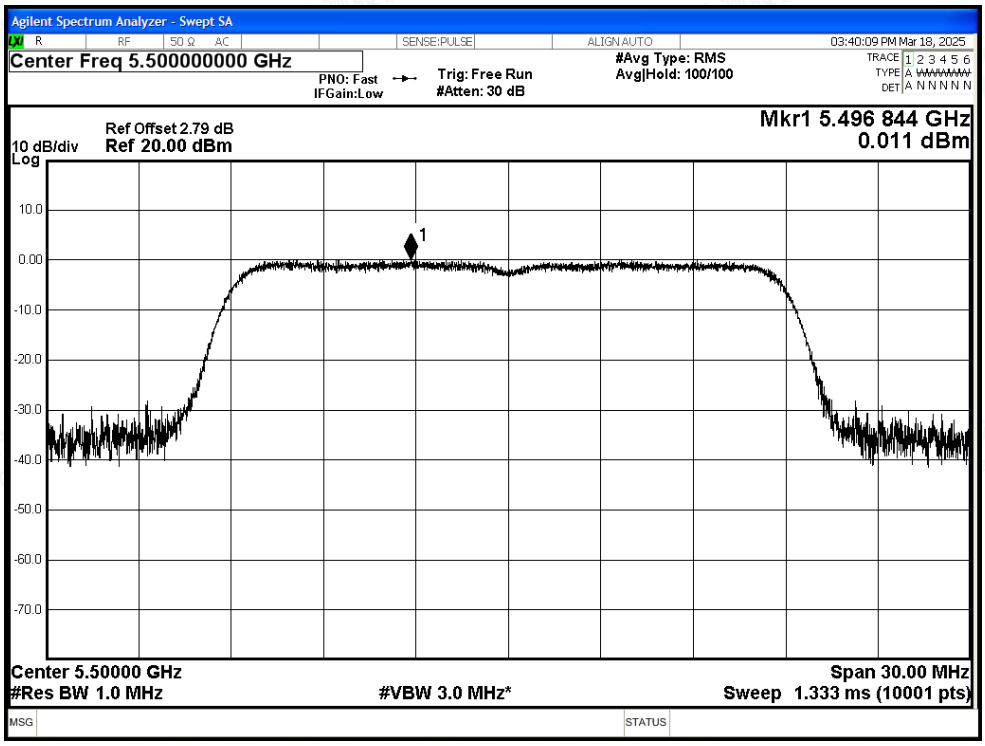

PSD NVNT n40 5550MHz Ant1



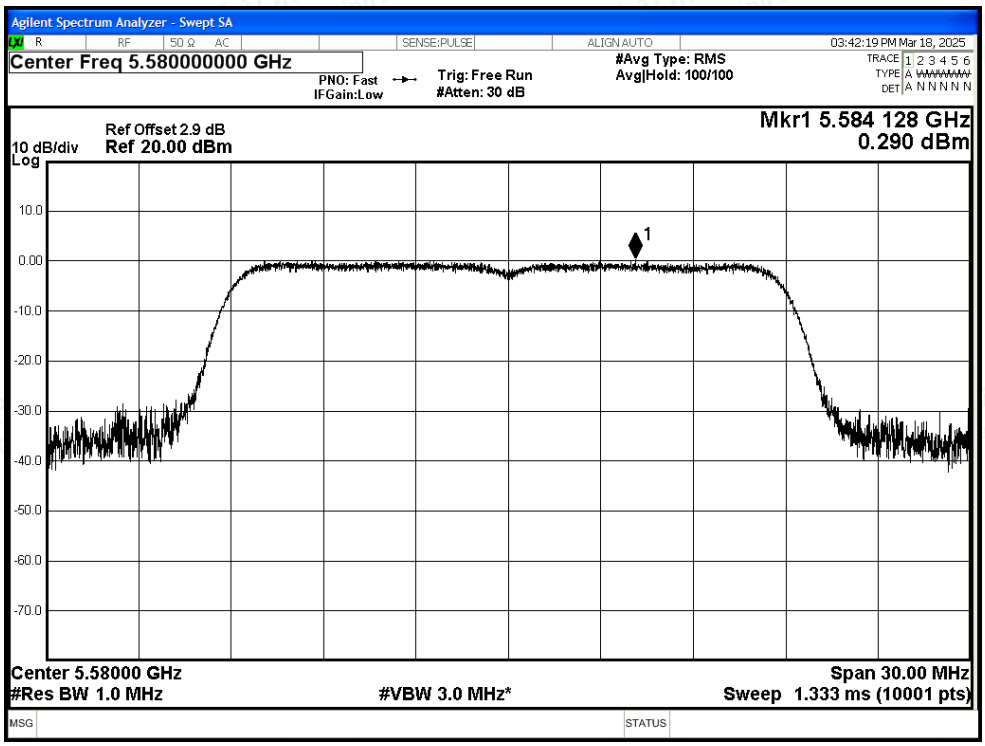
PSD NVNT n40 5670MHz Ant1



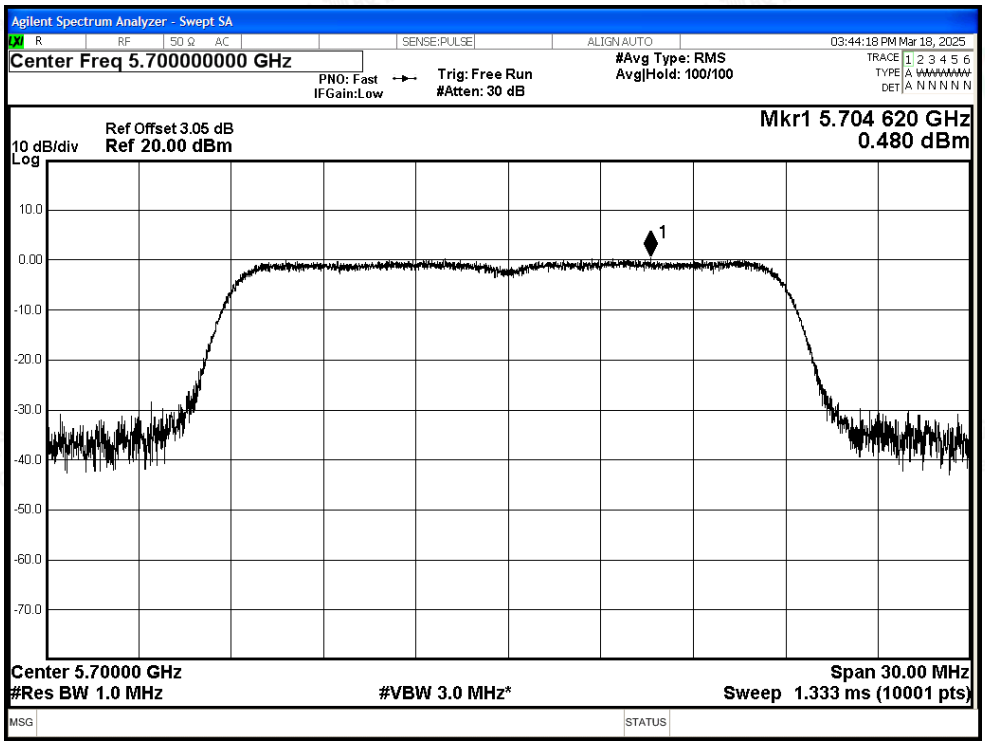

PSD NVNT ac20 5500MHz Ant1



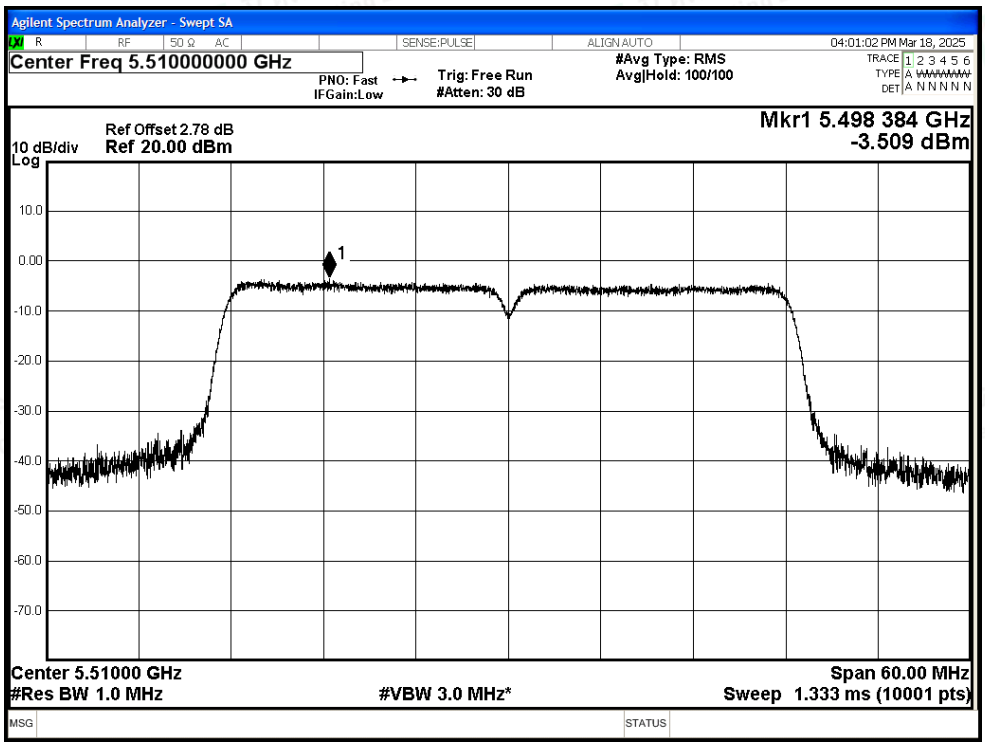
PSD NVNT ac20 5580MHz Ant1



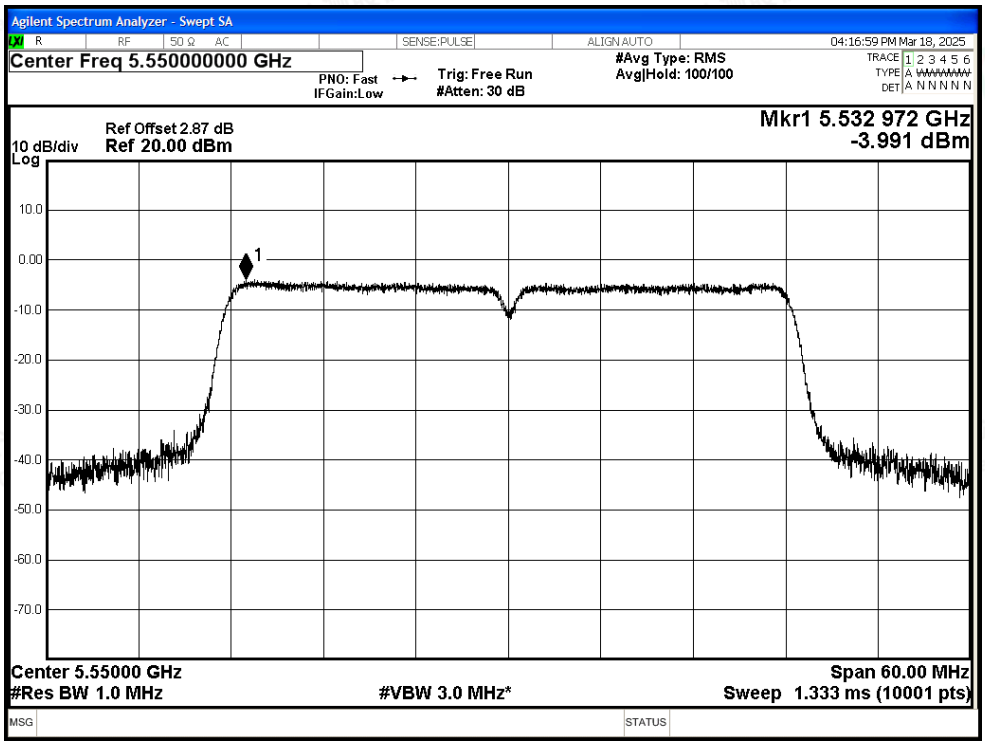

PSD NVNT ac20 5700MHz Ant1



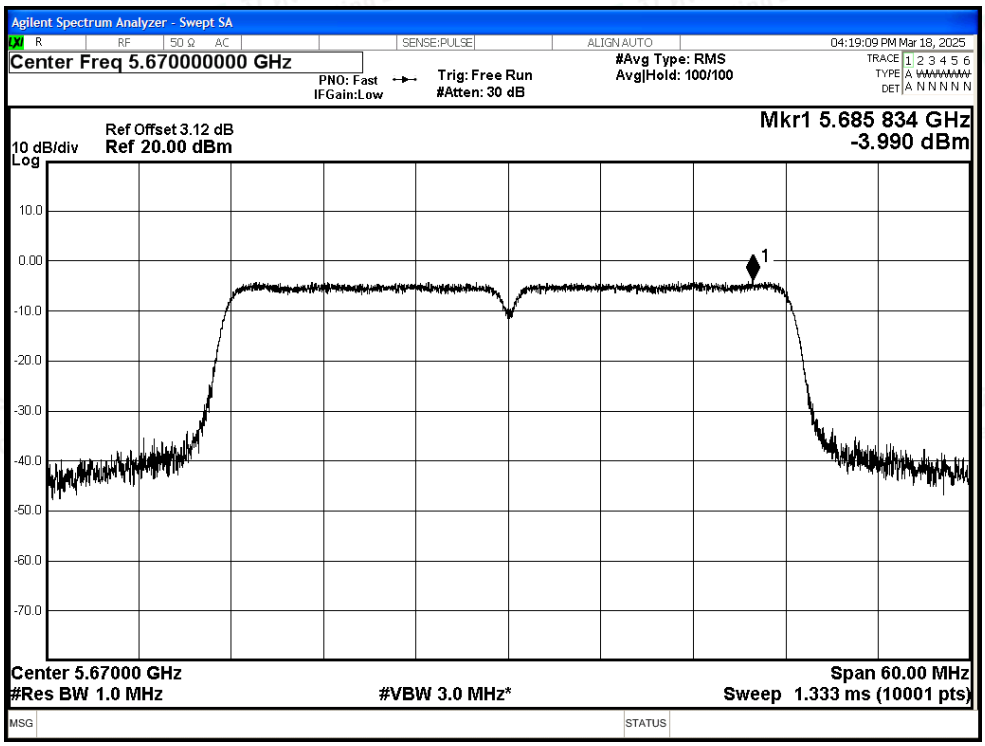
PSD NVNT ac40 5510MHz Ant1



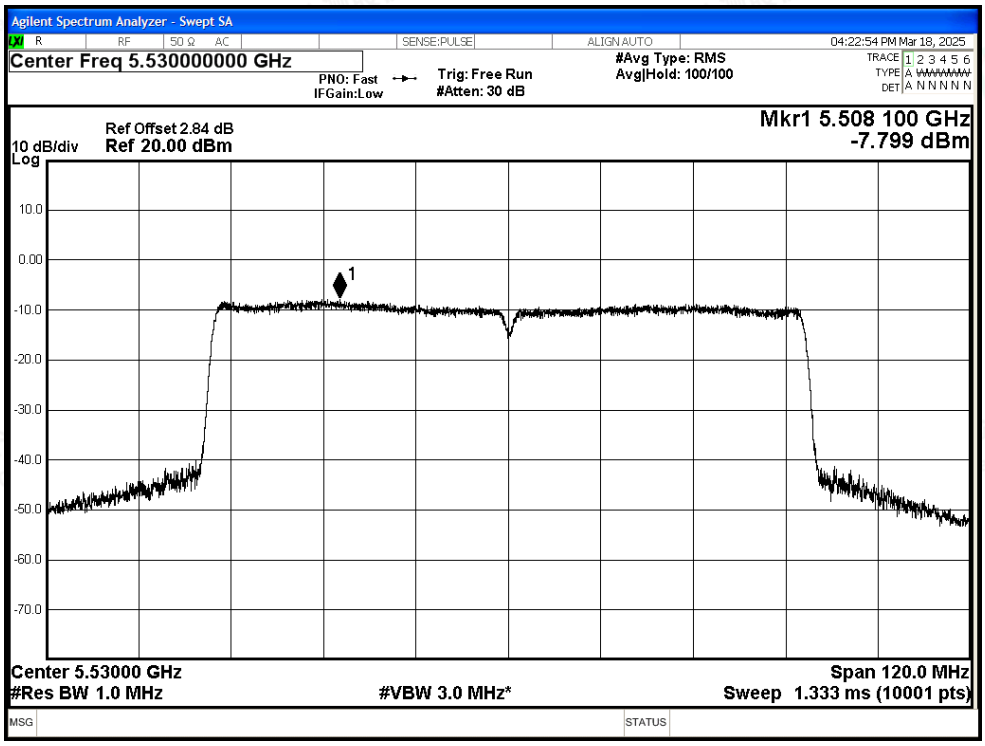

PSD NVNT ac40 5550MHz Ant1



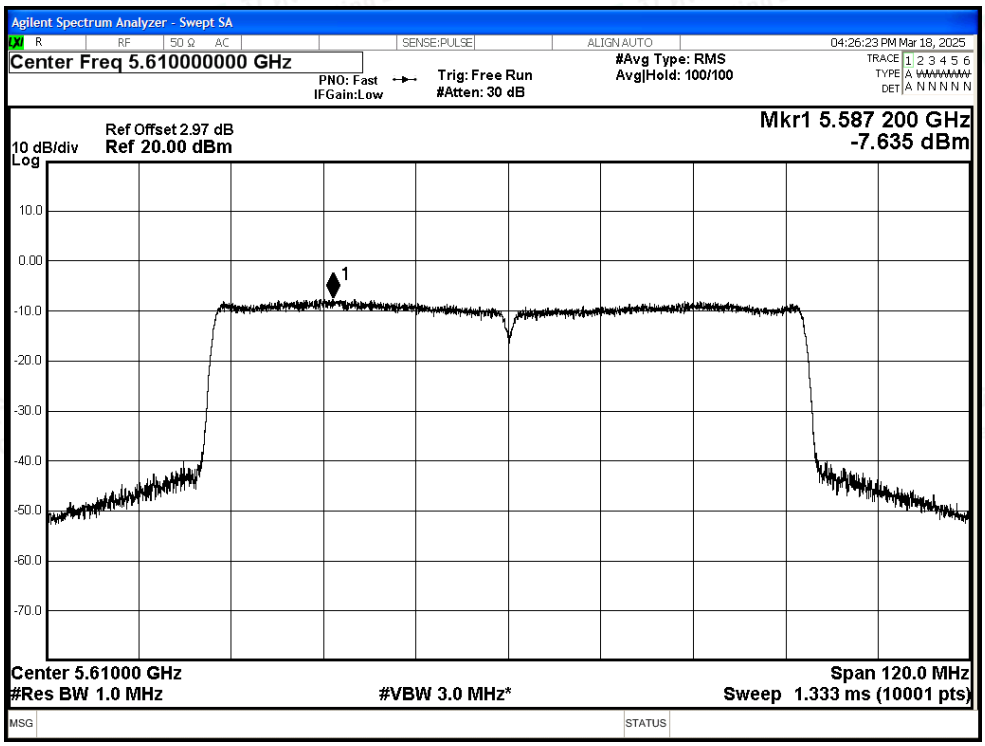
PSD NVNT ac40 5670MHz Ant1




PSD NVNT ac80 5530MHz Ant1

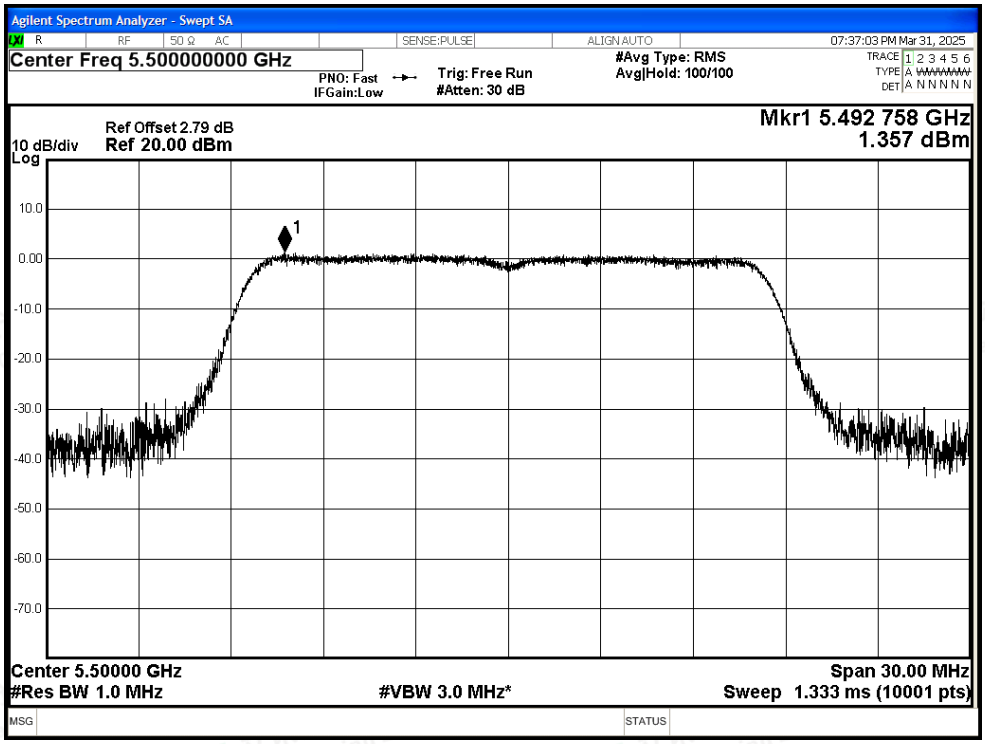


PSD NVNT ac80 5610MHz Ant1

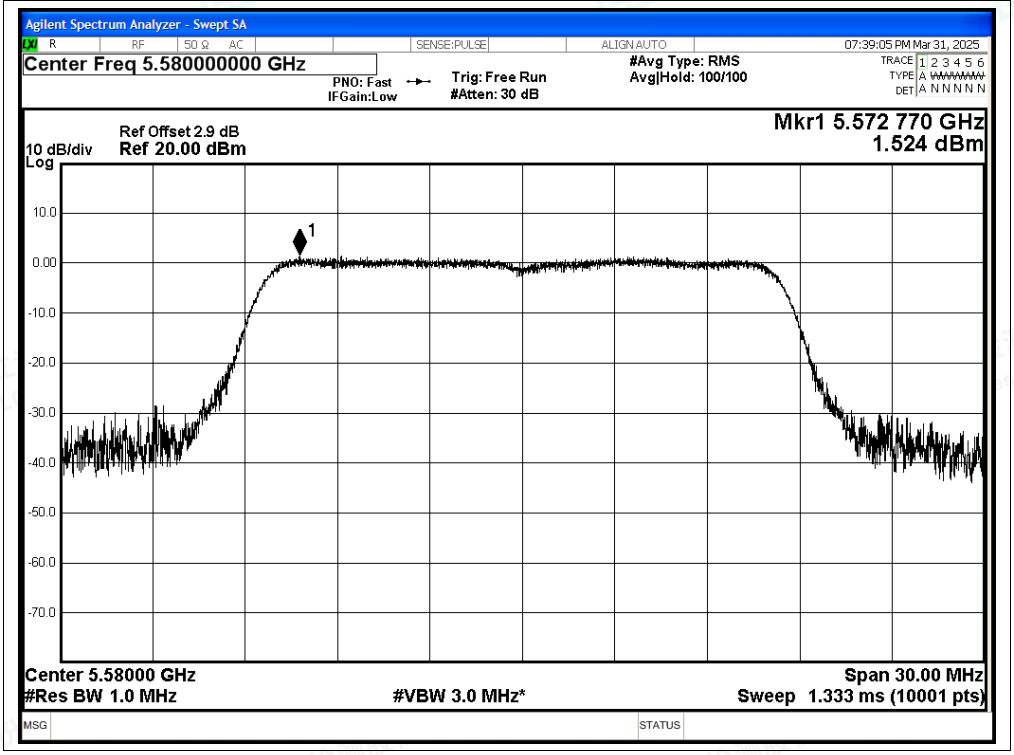


Test Graphs

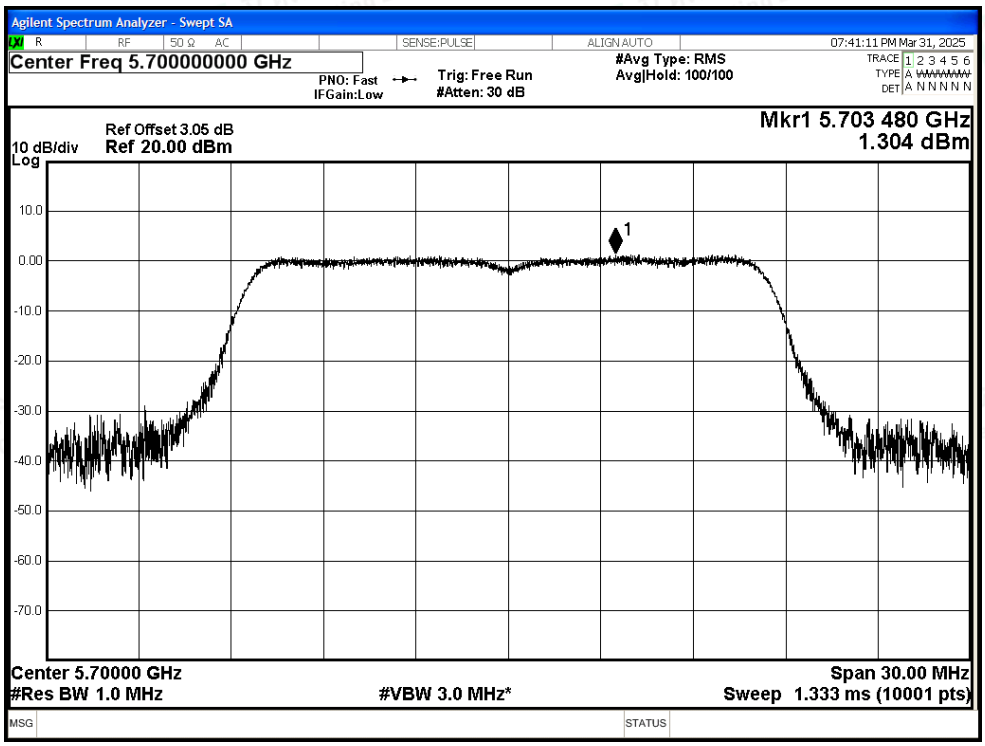
PSD NVNT a 5500MHz Ant2



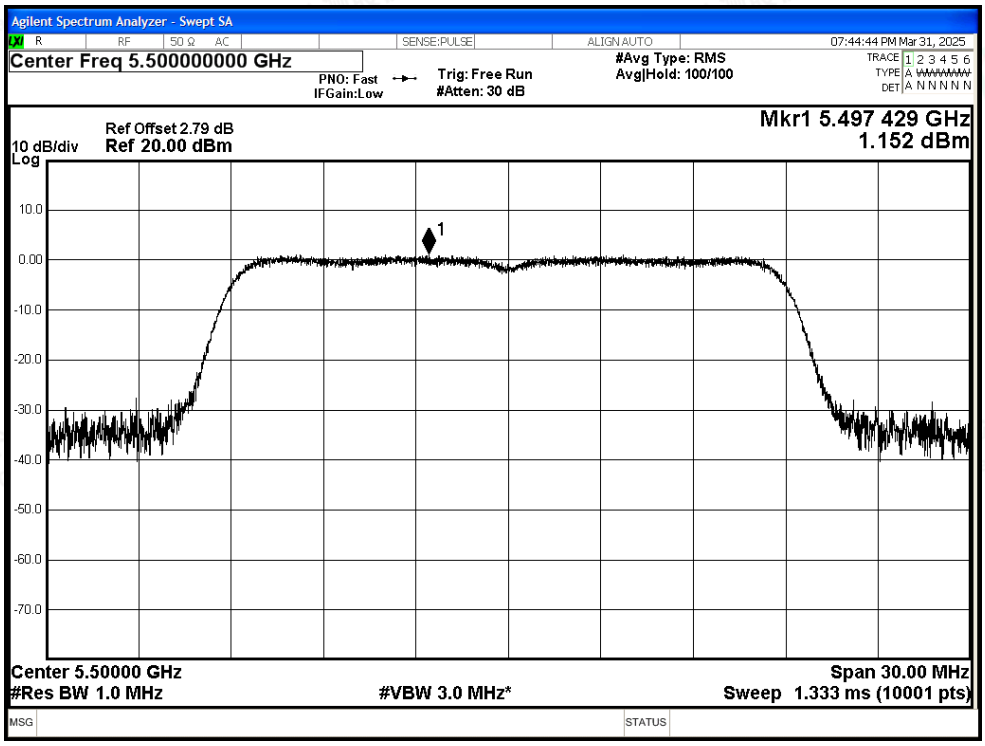

PSD NVNT a 5580MHz Ant2



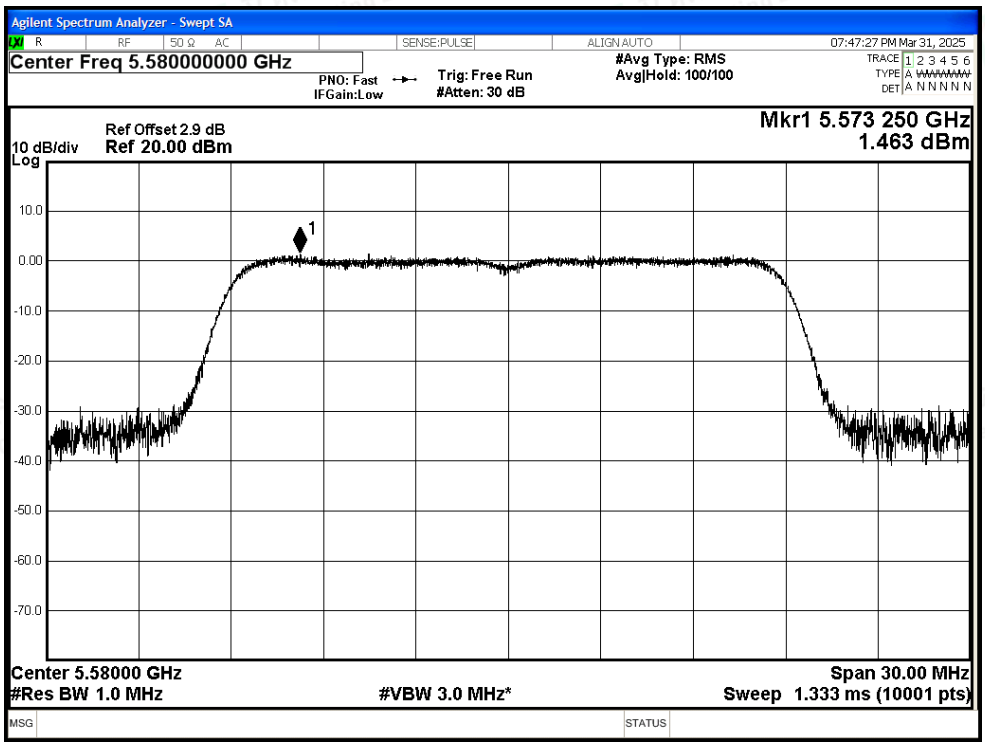
PSD NVNT a 5700MHz Ant2



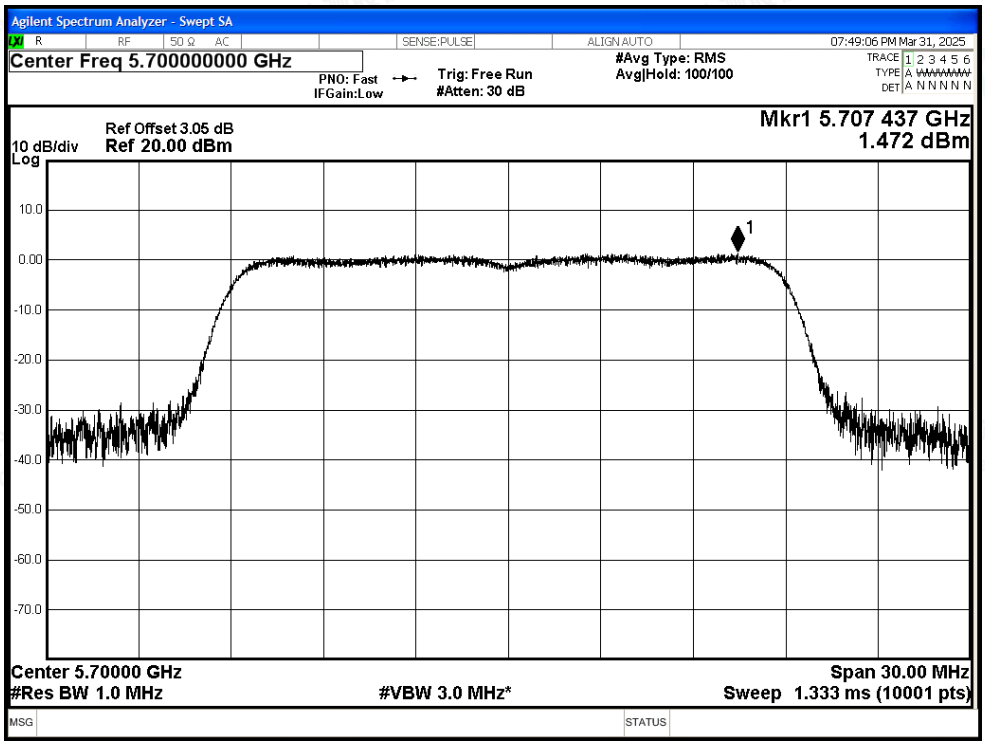

PSD NVNT n20 5500MHz Ant2



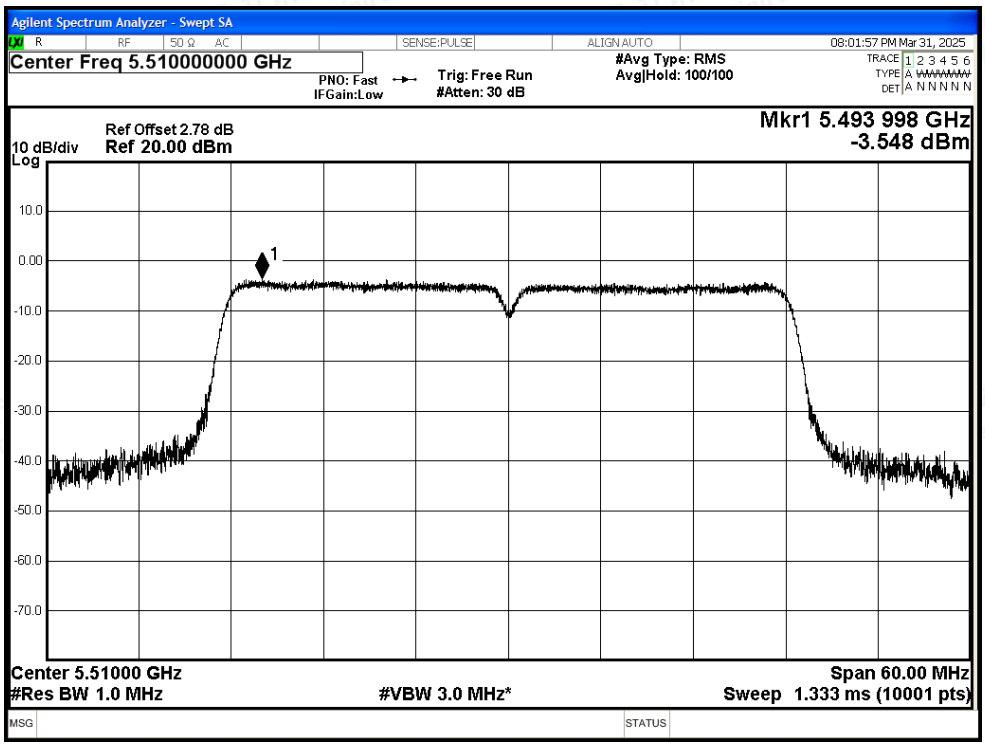
PSD NVNT n20 5580MHz Ant2



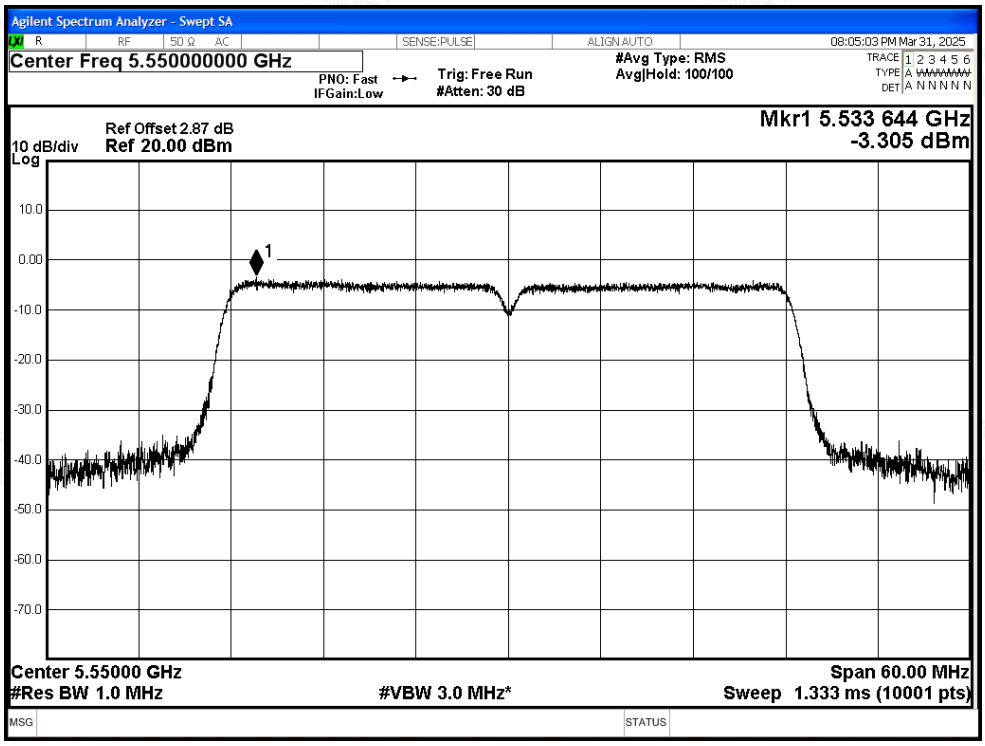

PSD NVNT n20 5700MHz Ant2



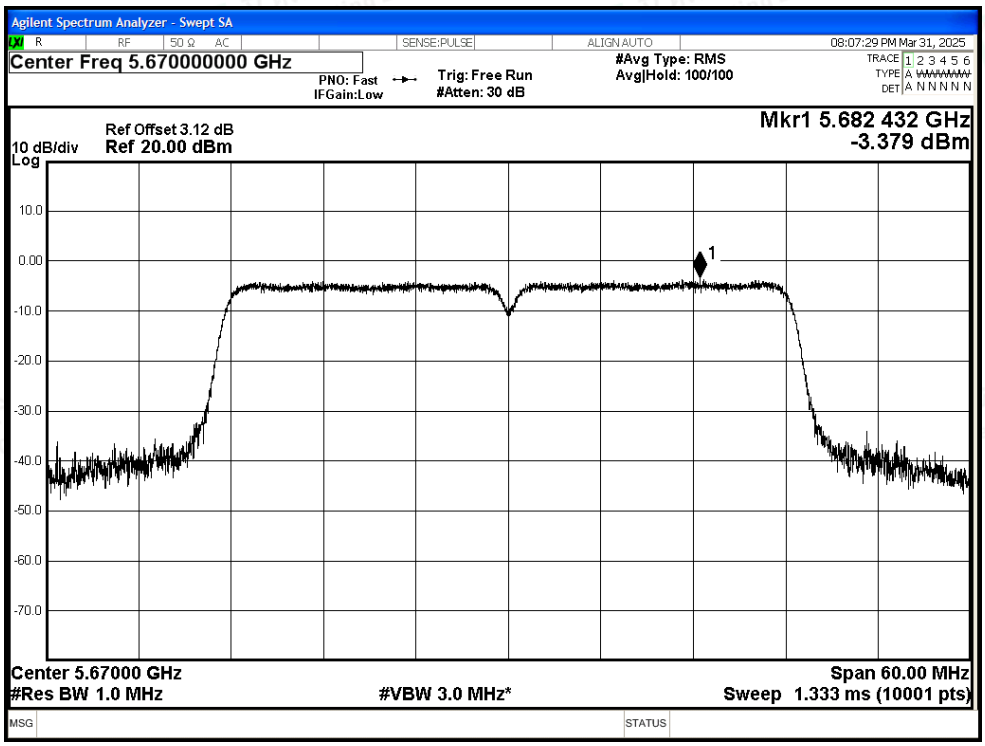
PSD NVNT n40 5510MHz Ant2



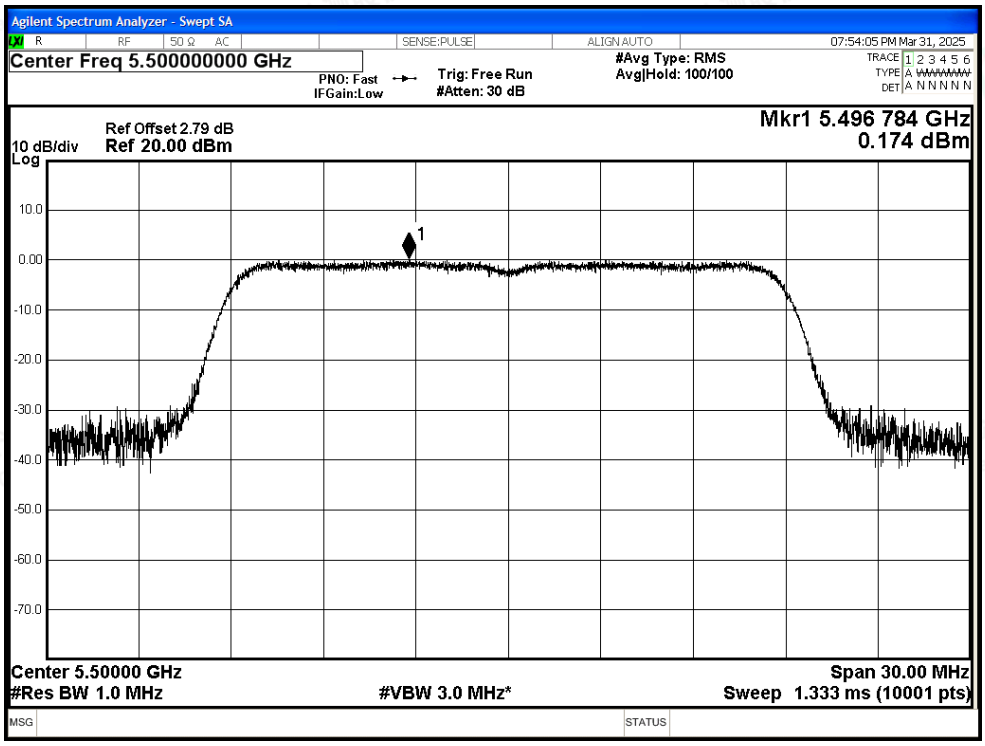

PSD NVNT n40 5550MHz Ant2



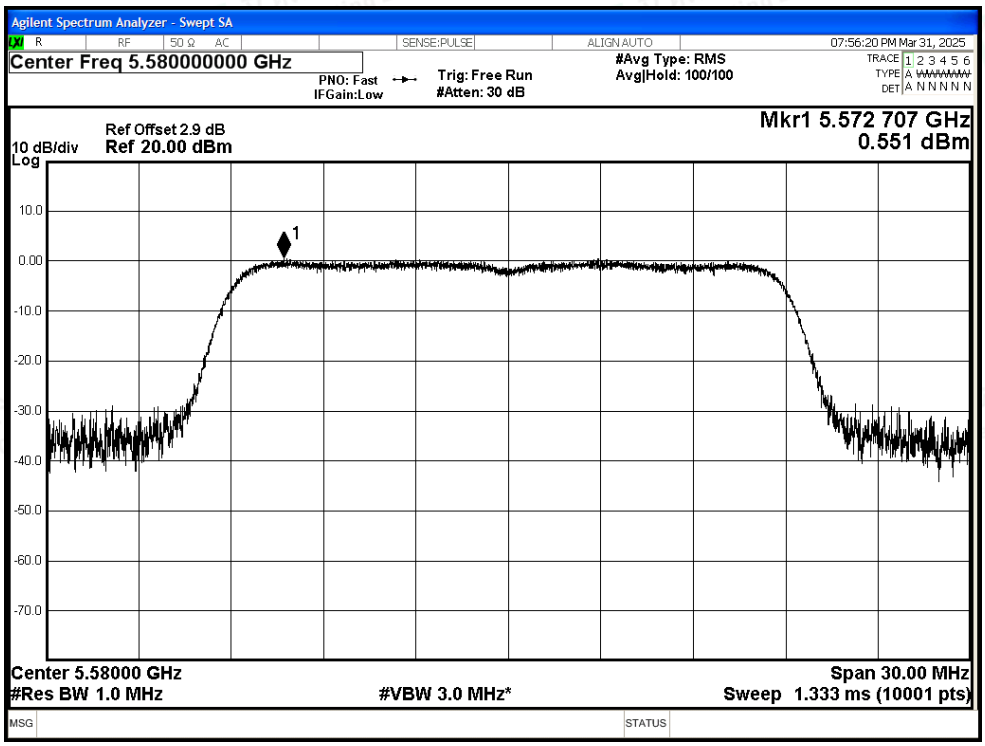
PSD NVNT n40 5670MHz Ant2



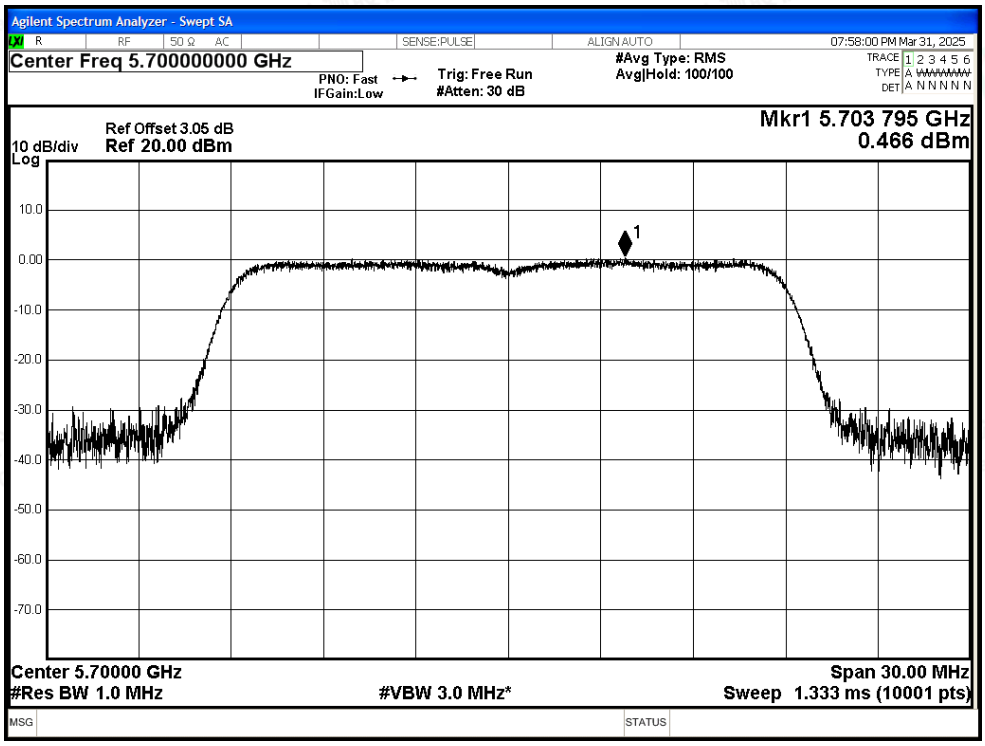

PSD NVNT ac20 5500MHz Ant2



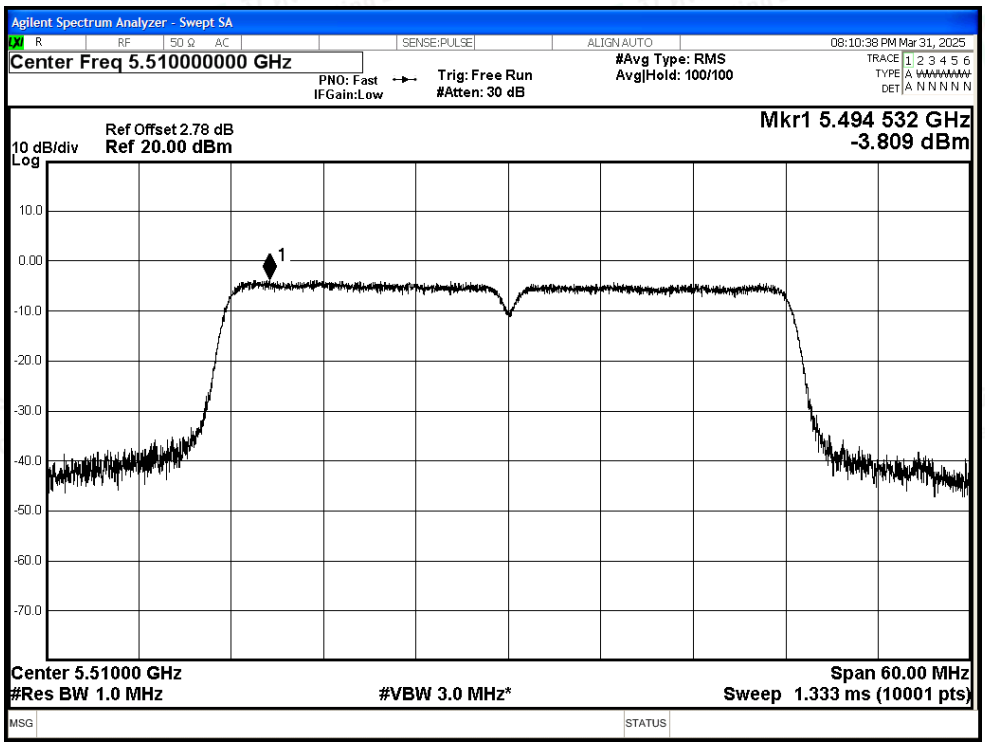
PSD NVNT ac20 5580MHz Ant2



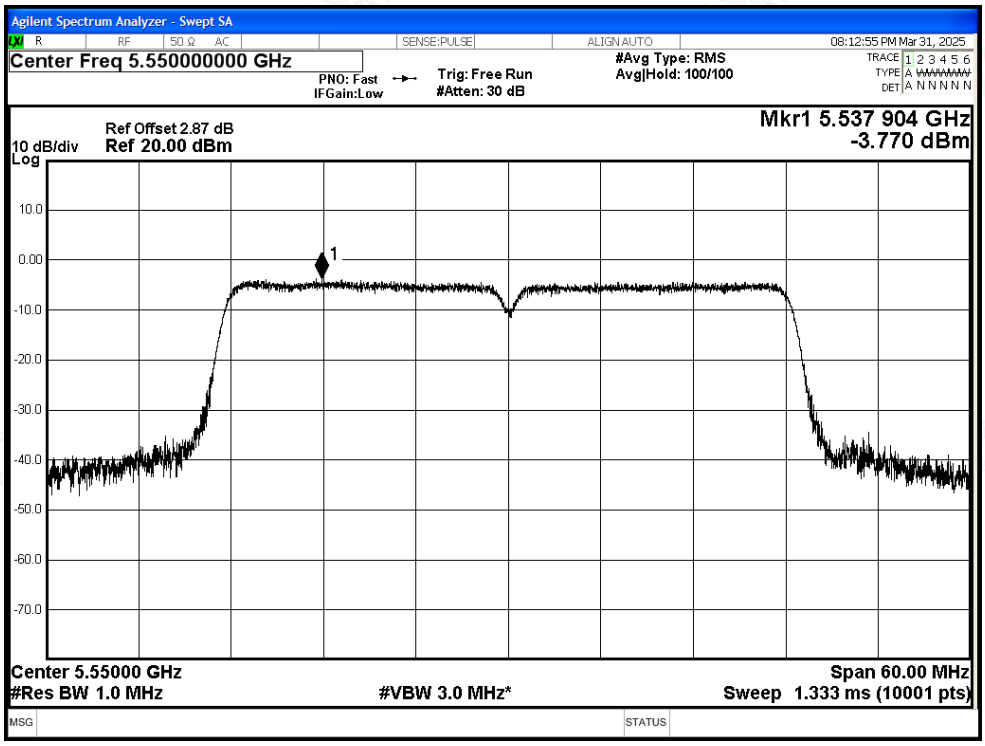

PSD NVNT ac20 5700MHz Ant2



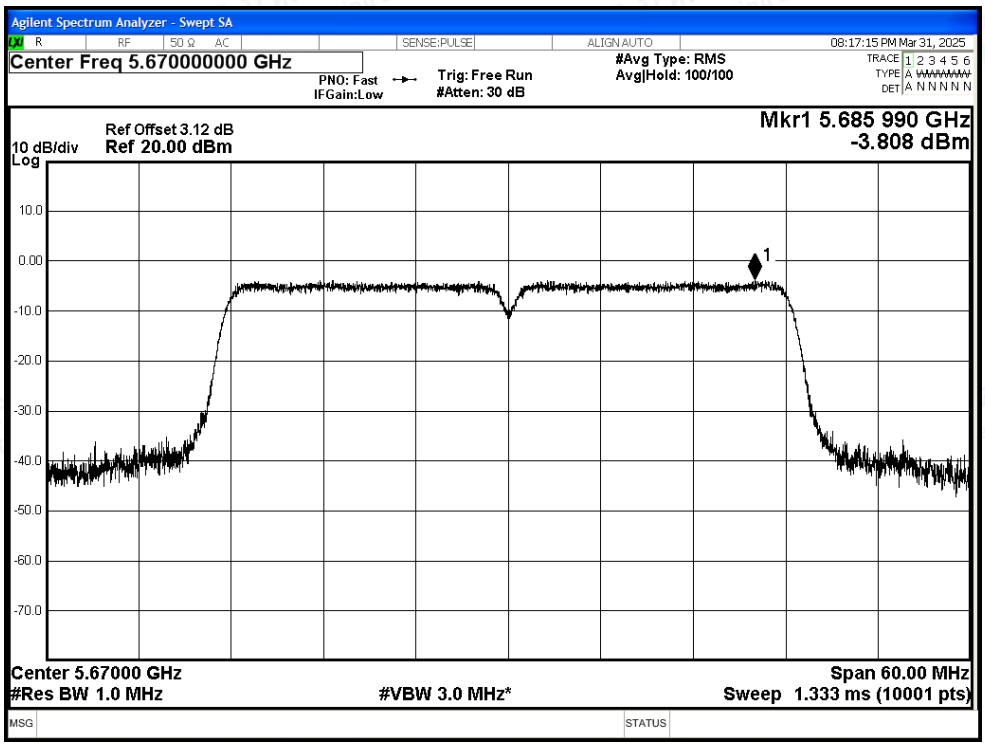
PSD NVNT ac40 5510MHz Ant2



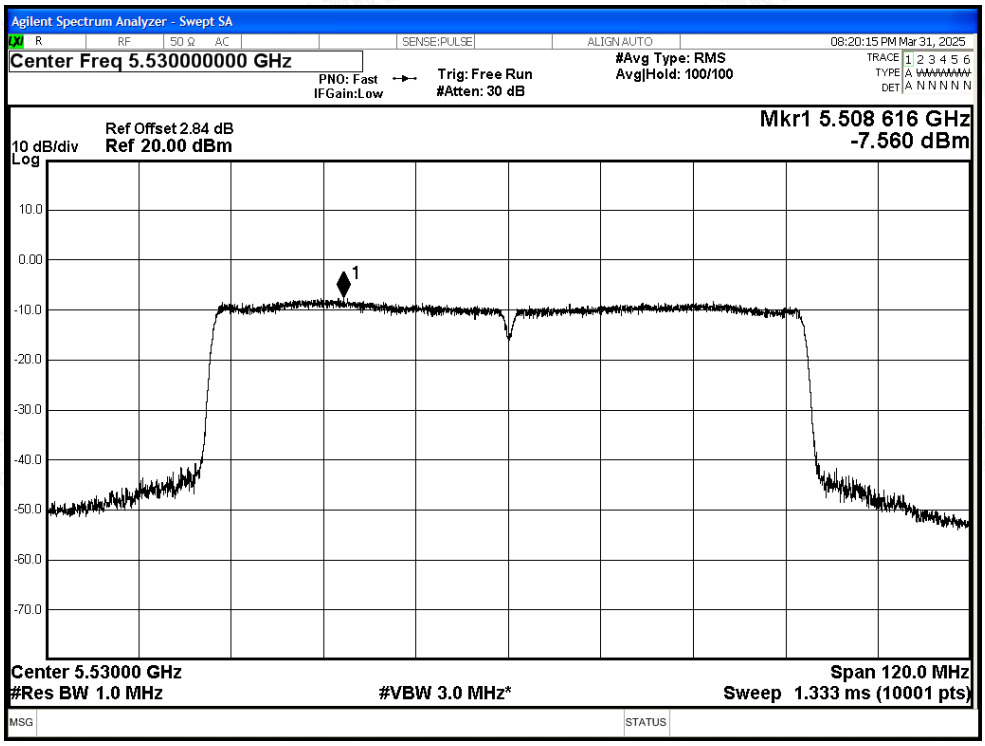

PSD NVNT ac40 5550MHz Ant2



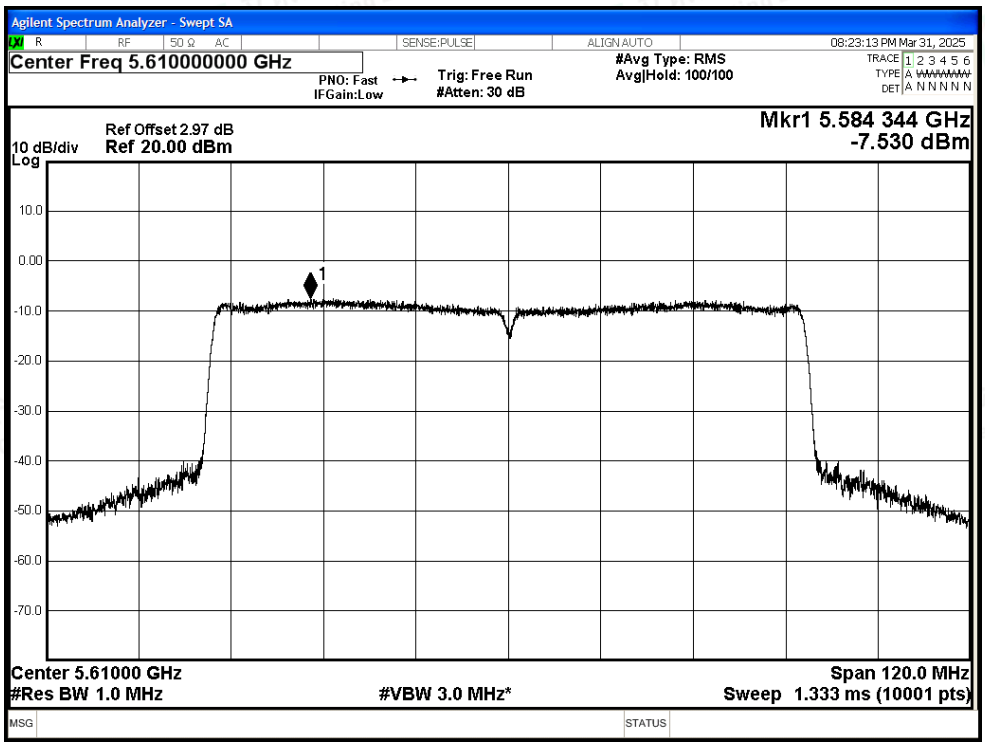
PSD NVNT ac40 5670MHz Ant2




PSD NVNT ac80 5530MHz Ant2



PSD NVNT ac80 5610MHz Ant2



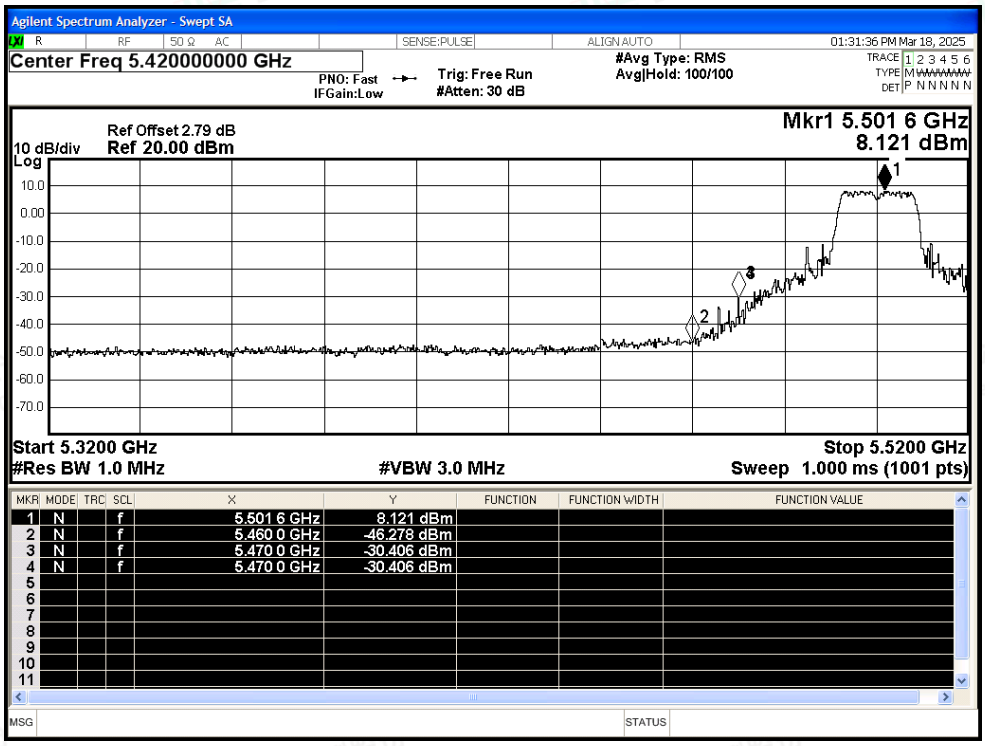
## F.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant1 | 5460 | -46.28 | 2 | - | 50.95 | Peak | 68.2 | Pass |
| NVNT | a | 5500 | Ant1 | 5460 | -54.66 | 2 | 0.1 | 42.67 | Average | 54 | Pass |
| NVNT | a | 5500 | Ant1 | 5470 | -30.41 | 2 | - | 66.82 | Peak | 68.2 | Pass |
| NVNT | a | 5500 | Ant1 | 5468.6 | -49.84 | 2 | 0.1 | 47.49 | Average | 54 | Pass |
| NVNT | a | 5500 | Ant1 | 5470 | -30.41 | 2 | - | 66.82 | Peak | 68.2 | Pass |
| NVNT | a | 5500 | Ant1 | 5470 | -49.91 | 2 | 0.1 | 47.42 | Average | 54 | Pass |
| NVNT | a | 5700 | Ant1 | 5725 | -33.03 | 2 | - | 64.2 | Peak | 68.2 | Pass |
| NVNT | a | 5700 | Ant1 | 5725 | -46.49 | 2 | 0.1 | 50.84 | Average | 54 | Pass |
| NVNT | a | 5700 | Ant1 | 5725 | -33.03 | 2 | - | 64.2 | Peak | 68.2 | Pass |
| NVNT | a | 5700 | Ant1 | 5725.4 | -46.2 | 2 | 0.1 | 51.13 | Average | 54 | Pass |
| NVNT | a | 5700 | Ant1 | 5735 | -45.47 | 2 | - | 51.76 | Peak | 68.2 | Pass |
| NVNT | a | 5700 | Ant1 | 5735 | -54.14 | 2 | 0.1 | 43.19 | Average | 54 | Pass |
| NVNT | n20 | 5500 | Ant1 | 5460 | -46.26 | 2 | - | 50.97 | Peak | 68.2 | Pass |
| NVNT | n20 | 5500 | Ant1 | 5460 | -54.89 | 2 | 0.12 | 42.46 | Average | 54 | Pass |
| NVNT | n20 | 5500 | Ant1 | 5469.4 | -34.78 | 2 | - | 62.45 | Peak | 68.2 | Pass |
| NVNT | n20 | 5500 | Ant1 | 5470 | -49.03 | 2 | 0.12 | 48.32 | Average | 54 | Pass |
| NVNT | n20 | 5500 | Ant1 | 5470 | -38.55 | 2 | - | 58.68 | Peak | 68.2 | Pass |
| NVNT | n20 | 5500 | Ant1 | 5470 | -49.03 | 2 | 0.12 | 48.32 | Average | 54 | Pass |
| NVNT | n20 | 5700 | Ant1 | 5725 | -32.21 | 2 | - | 65.02 | Peak | 68.2 | Pass |
| NVNT | n20 | 5700 | Ant1 | 5725 | -45.06 | 2 | 0.12 | 52.29 | Average | 54 | Pass |
| NVNT | n20 | 5700 | Ant1 | 5729.12 | -31.78 | 2 | - | 65.45 | Peak | 68.2 | Pass |
| NVNT | n20 | 5700 | Ant1 | 5725.67 | -46.13 | 2 | 0.12 | 51.22 | Average | 54 | Pass |
| NVNT | n20 | 5700 | Ant1 | 5735 | -45.59 | 2 | - | 51.64 | Peak | 68.2 | Pass |
| NVNT | n20 | 5700 | Ant1 | 5735 | -54.12 | 2 | 0.12 | 43.23 | Average | 54 | Pass |
| NVNT | n40 | 5510 | Ant1 | 5460 | -45.39 | 2 | - | 51.84 | Peak | 68.2 | Pass |
| NVNT | n40 | 5510 | Ant1 | 5460 | -52.37 | 2 | 0.12 | 44.98 | Average | 54 | Pass |
| NVNT | n40 | 5510 | Ant1 | 5469.4 | -32.18 | 2 | - | 65.05 | Peak | 68.2 | Pass |
| NVNT | n40 | 5510 | Ant1 | 5469.8 | -48.6 | 2 | 0.12 | 48.75 | Average | 54 | Pass |
| NVNT | n40 | 5510 | Ant1 | 5470 | -38.17 | 2 | - | 59.06 | Peak | 68.2 | Pass |
| NVNT | n40 | 5510 | Ant1 | 5470 | -48.63 | 2 | 0.12 | 48.72 | Average | 54 | Pass |
| NVNT | n40 | 5670 | Ant1 | 5725 | -46.96 | 2 | - | 50.27 | Peak | 68.2 | Pass |
| NVNT | n40 | 5670 | Ant1 | 5725 | -55.68 | 2 | 0.12 | 41.67 | Average | 54 | Pass |
| NVNT | n40 | 5670 | Ant1 | 5728.4 | -46.53 | 2 | - | 50.7 | Peak | 68.2 | Pass |
| NVNT | n40 | 5670 | Ant1 | 5731.4 | -55.55 | 2 | 0.12 | 41.8 | Average | 54 | Pass |
| NVNT | n40 | 5670 | Ant1 | 5735 | -48.86 | 2 | - | 48.37 | Peak | 68.2 | Pass |
| NVNT | n40 | 5670 | Ant1 | 5735 | -56.59 | 2 | 0.12 | 40.76 | Average | 54 | Pass |

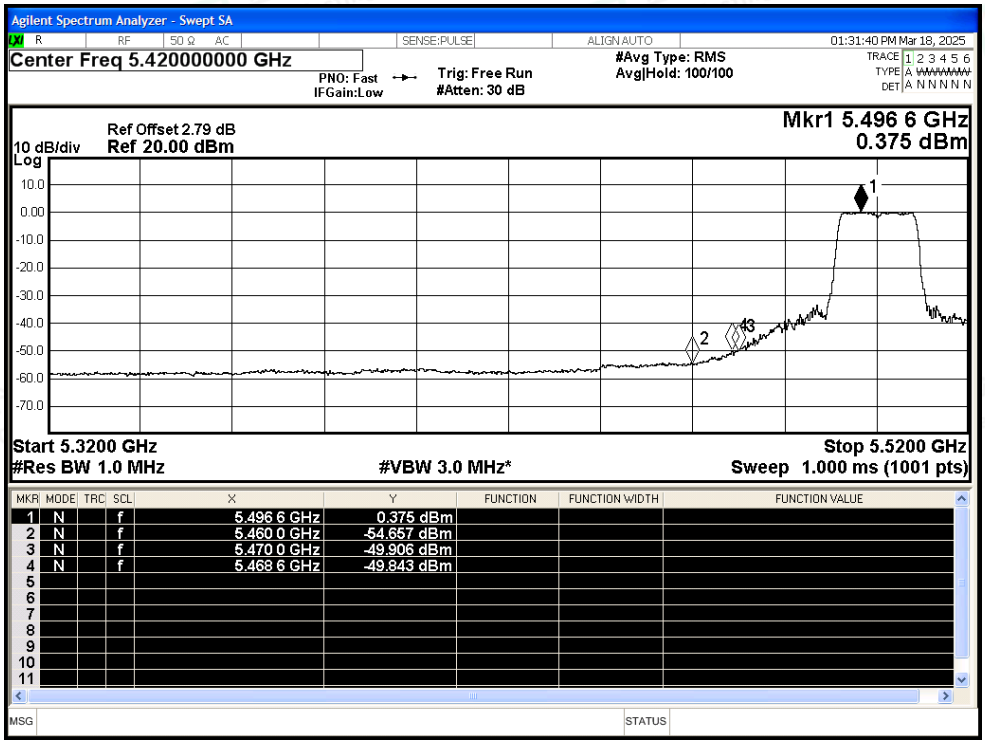
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | ac20 | 5500 | Ant1 | 5460 | -45.26 | 2 | - | 51.97 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5460 | -53.72 | 2 | 0.12 | 43.63 | Average | 54 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5468.8 | -35.63 | 2 | - | 61.6 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5469.2 | -49.09 | 2 | 0.12 | 48.26 | Average | 54 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5470 | -36.88 | 2 | - | 60.35 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5470 | -49.57 | 2 | 0.12 | 47.78 | Average | 54 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5725 | -29.4 | 2 | - | 67.83 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5725 | -44.73 | 2 | 0.12 | 52.62 | Average | 54 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5727.6 | -29.13 | 2 | - | 68.1 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5726.8 | -44.64 | 2 | 0.12 | 52.71 | Average | 54 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5735 | -42.21 | 2 | - | 55.02 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5735 | -54.07 | 2 | 0.12 | 43.28 | Average | 54 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5460 | -43.67 | 2 | - | 53.56 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5460 | -53.19 | 2 | 0.12 | 44.16 | Average | 54 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5468.8 | -33.22 | 2 | - | 64.01 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5467.4 | -48.92 | 2 | 0.12 | 48.43 | Average | 54 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5470 | -37.79 | 2 | - | 59.44 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5470 | -50.24 | 2 | 0.12 | 47.11 | Average | 54 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5725 | -47.38 | 2 | - | 49.85 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5725 | -55.85 | 2 | 0.12 | 41.5 | Average | 54 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5726.8 | -45.55 | 2 | - | 51.68 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5725.2 | -55.78 | 2 | 0.12 | 41.57 | Average | 54 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5735 | -48.38 | 2 | - | 48.85 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5735 | -57.2 | 2 | 0.12 | 40.15 | Average | 54 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5460 | -40.67 | 2 | - | 56.56 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5460 | -50.4 | 2 | 0.25 | 47.08 | Average | 54 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5468 | -34.9 | 2 | - | 62.33 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5461 | -49.72 | 2 | 0.25 | 47.76 | Average | 54 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5470 | -38.43 | 2 | - | 58.8 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5470 | -49.84 | 2 | 0.25 | 47.64 | Average | 54 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5725 | -48.93 | 2 | - | 48.3 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5725 | -57.53 | 2 | 0.25 | 39.95 | Average | 54 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5734.59 | -46.7 | 2 | - | 50.53 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5726.8 | -56.67 | 2 | 0.25 | 40.81 | Average | 54 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5735 | -50.79 | 2 | - | 46.44 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5735 | -57.87 | 2 | 0.25 | 39.61 | Average | 54 | Pass |

Test Graphs

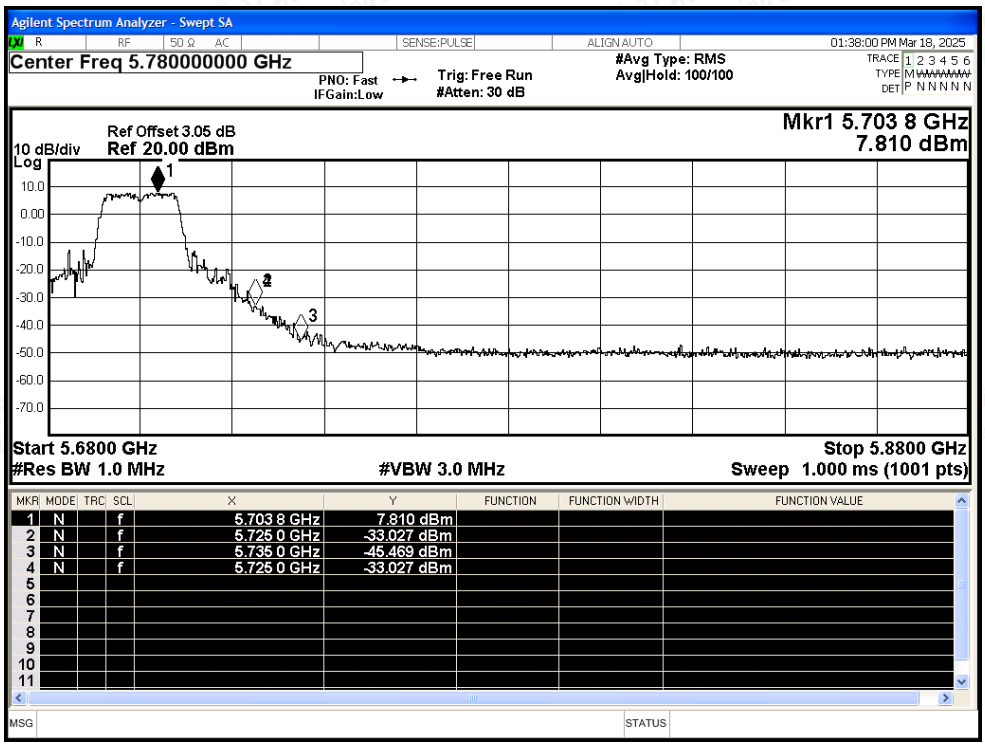
Restrict Band NVNT a 5500MHz Ant1 Peak



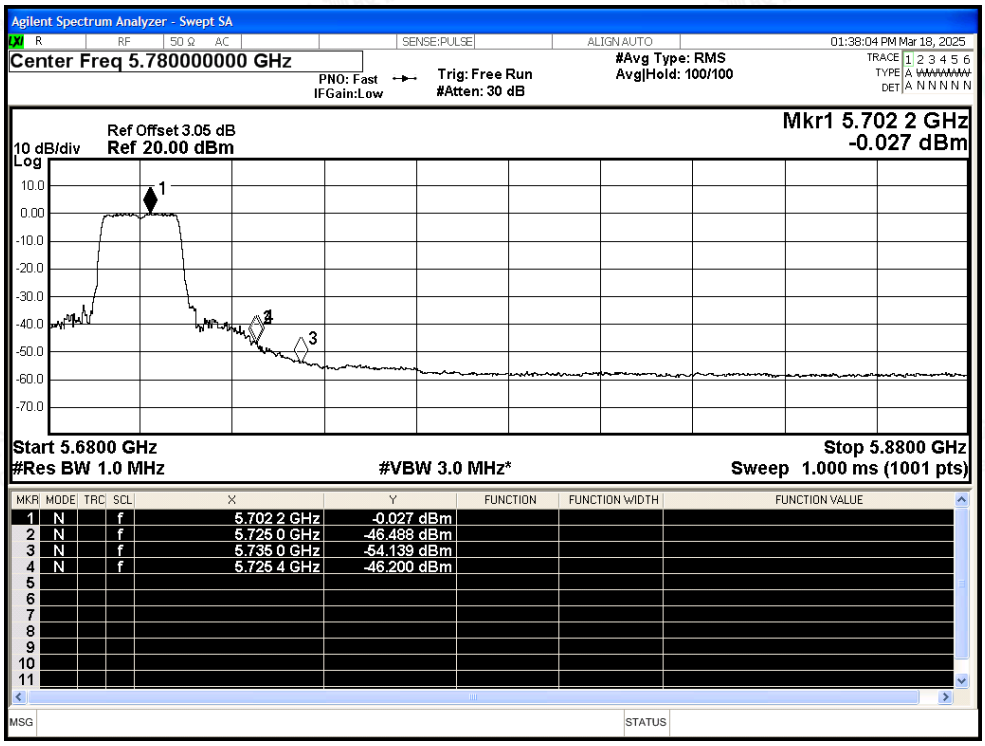

Restrict Band NVNT a 5500MHz Ant1 Average



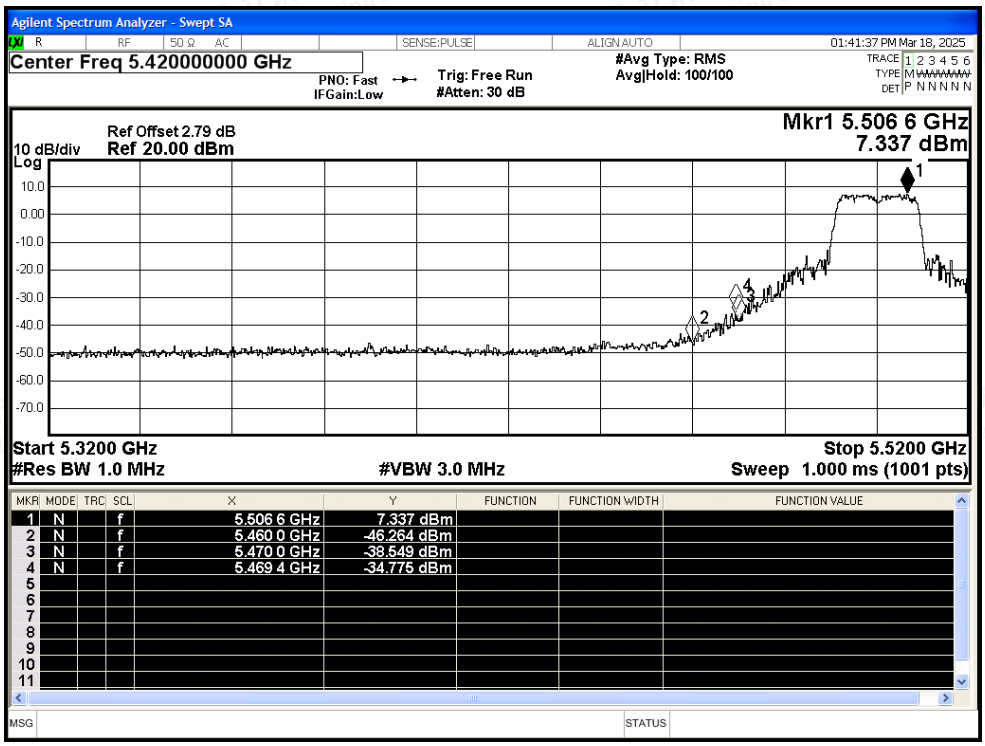
Restrict Band NVNT a 5700MHz Ant1 Peak



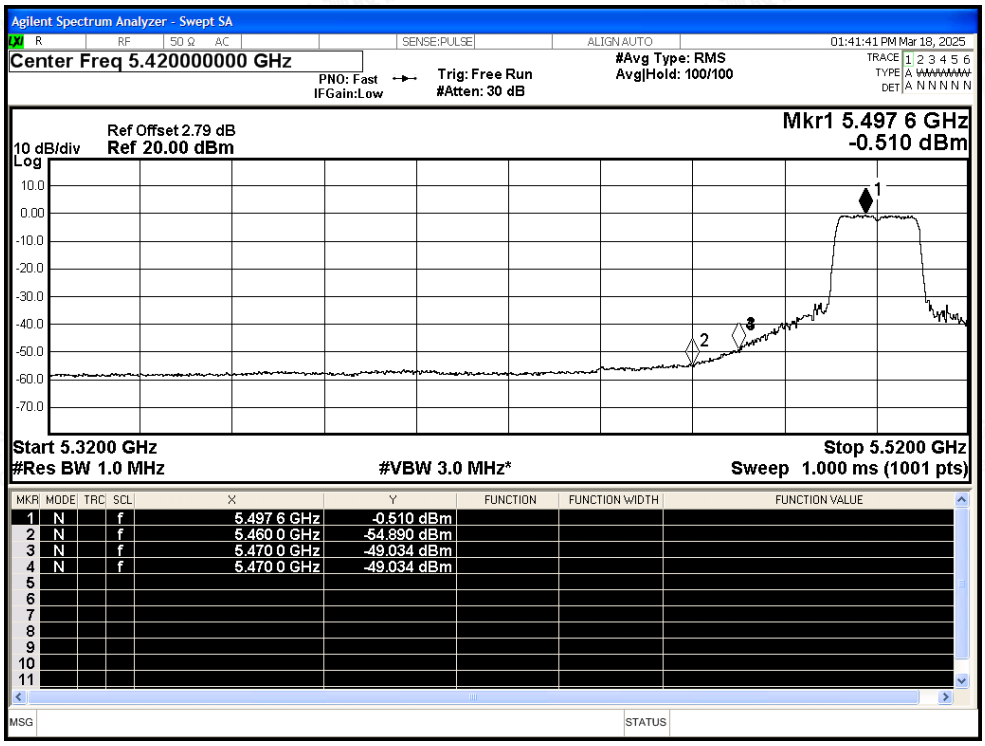

Restrict Band NVNT a 5700MHz Ant1 Average



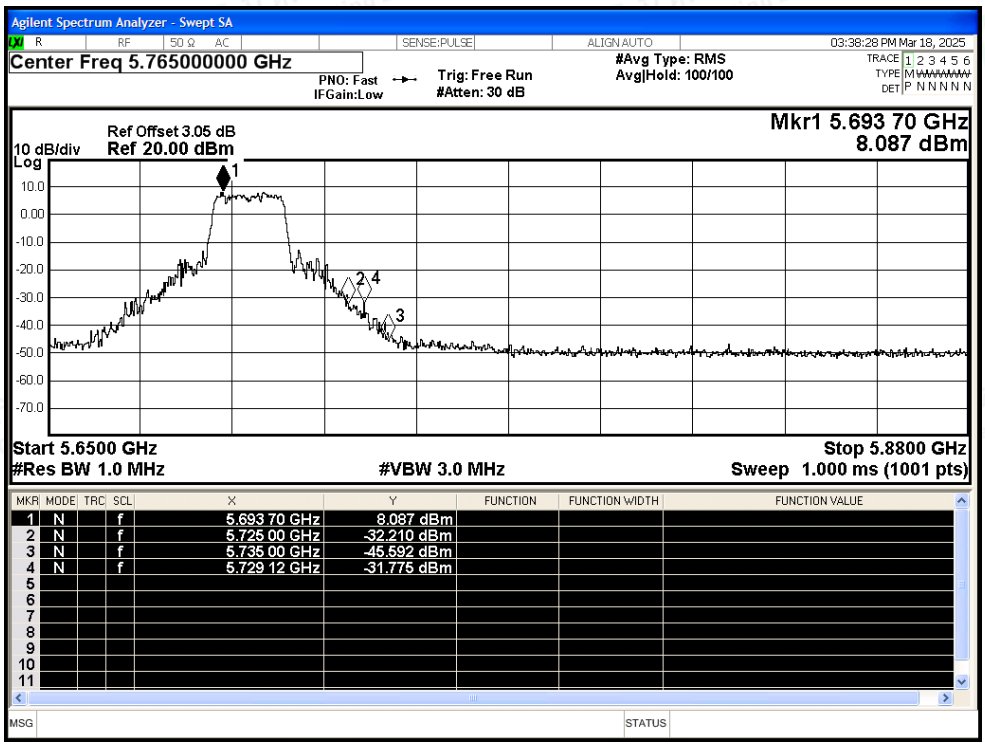
Restrict Band NVNT n20 5500MHz Ant1 Peak



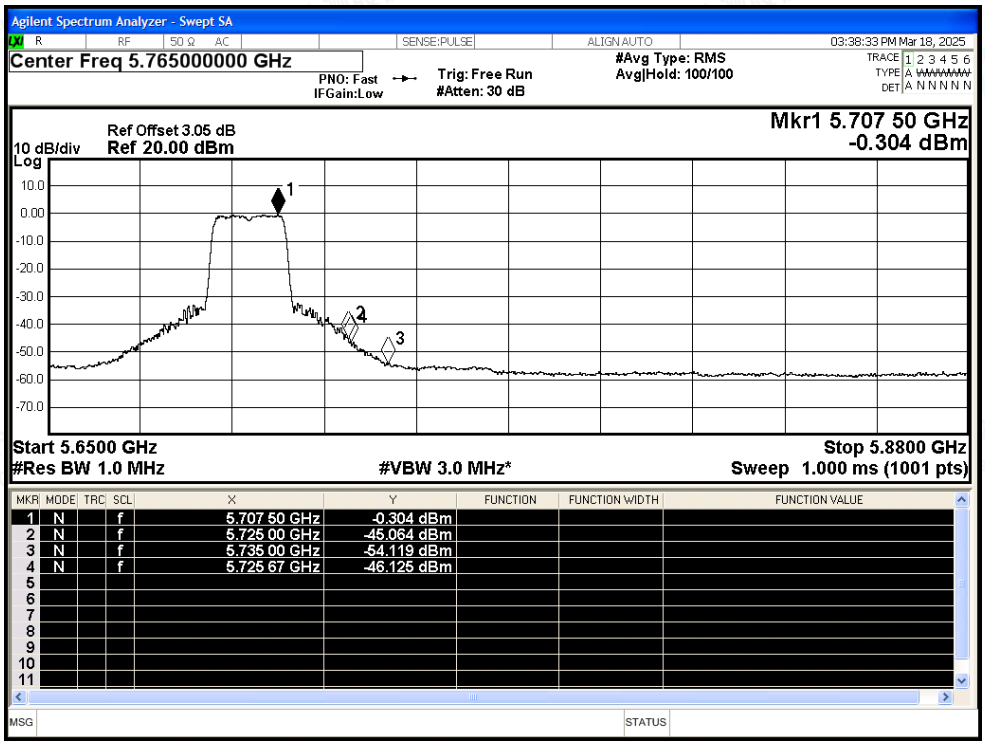

Restrict Band NVNT n20 5500MHz Ant1 Average



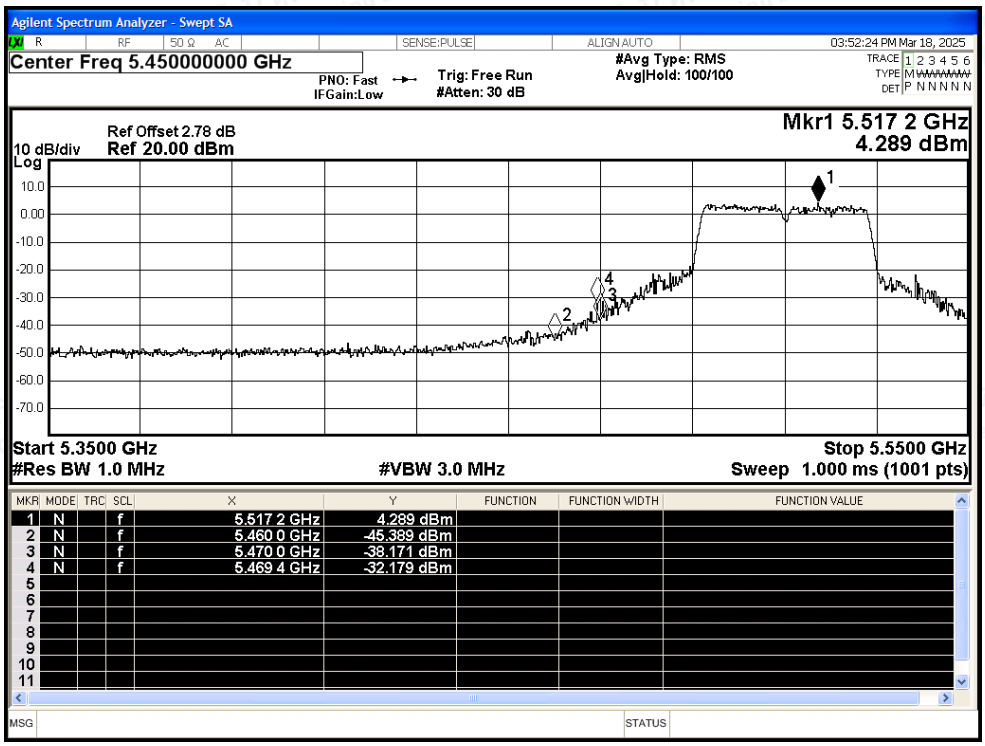
Restrict Band NVNT n20 5700MHz Ant1 Peak



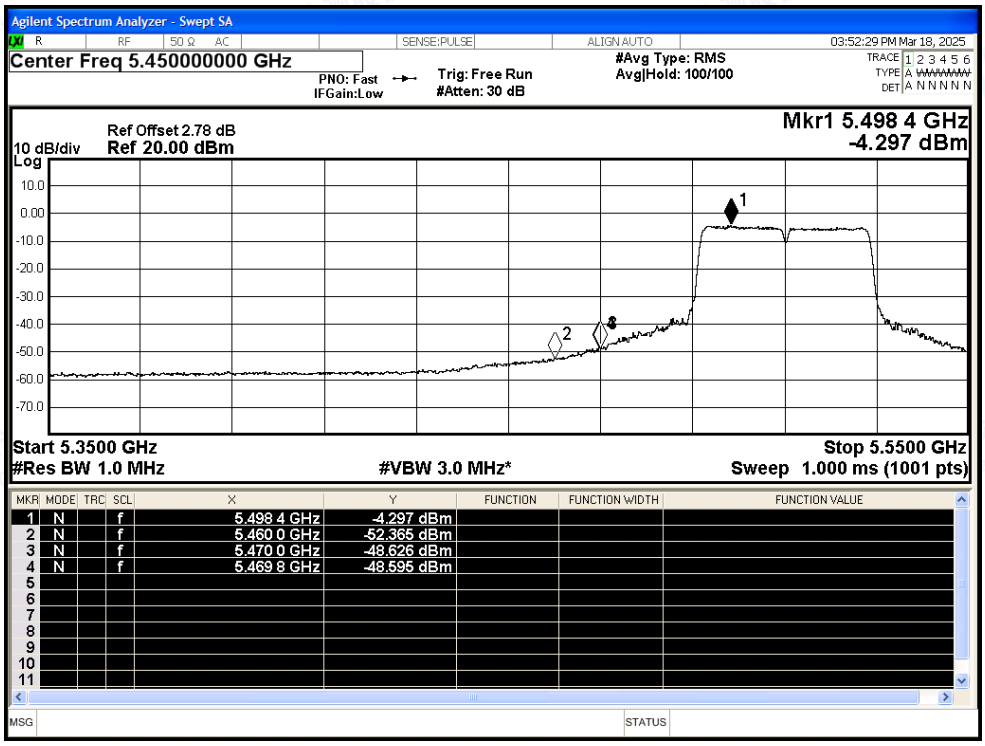

Restrict Band NVNT n20 5700MHz Ant1 Average



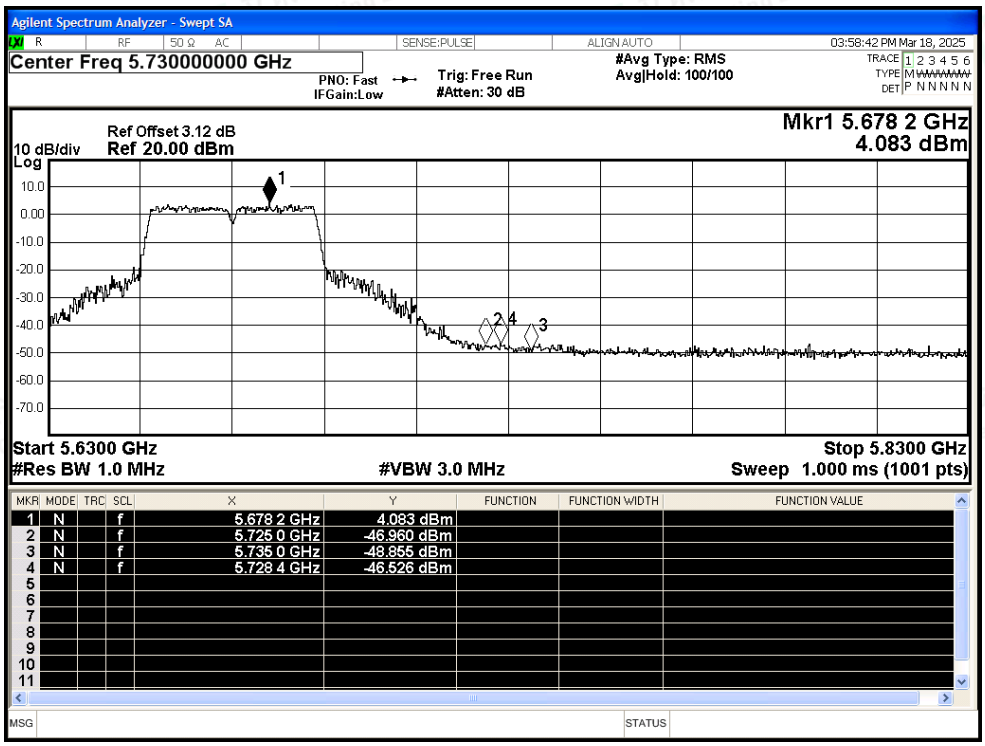
Restrict Band NVNT n40 5510MHz Ant1 Peak



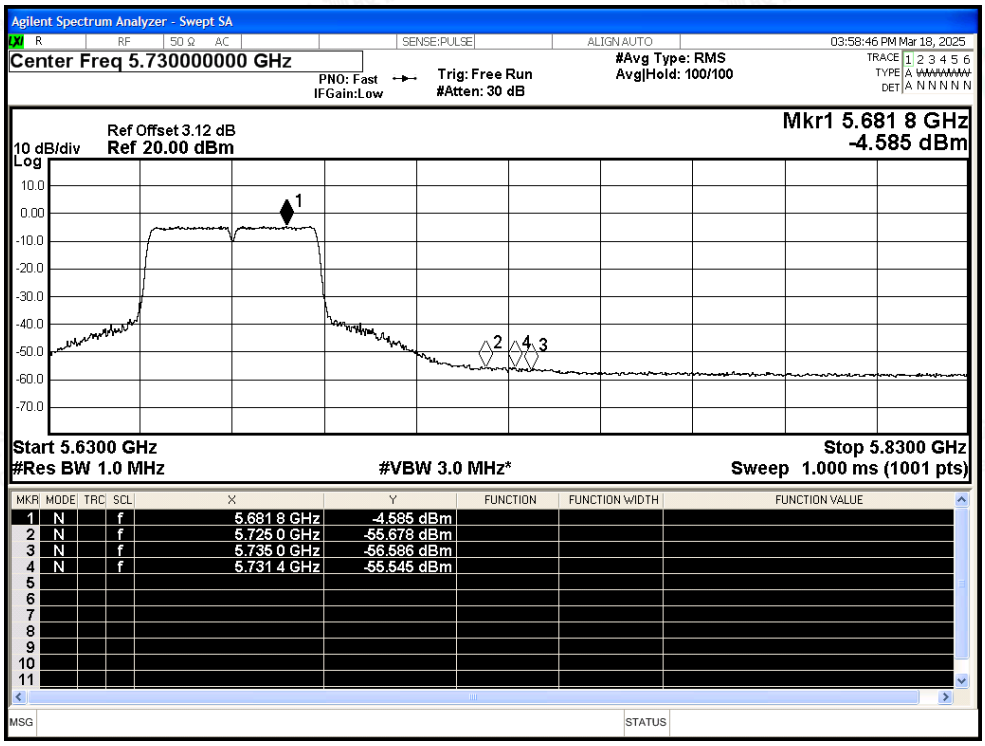

Restrict Band NVNT n40 5510MHz Ant1 Average



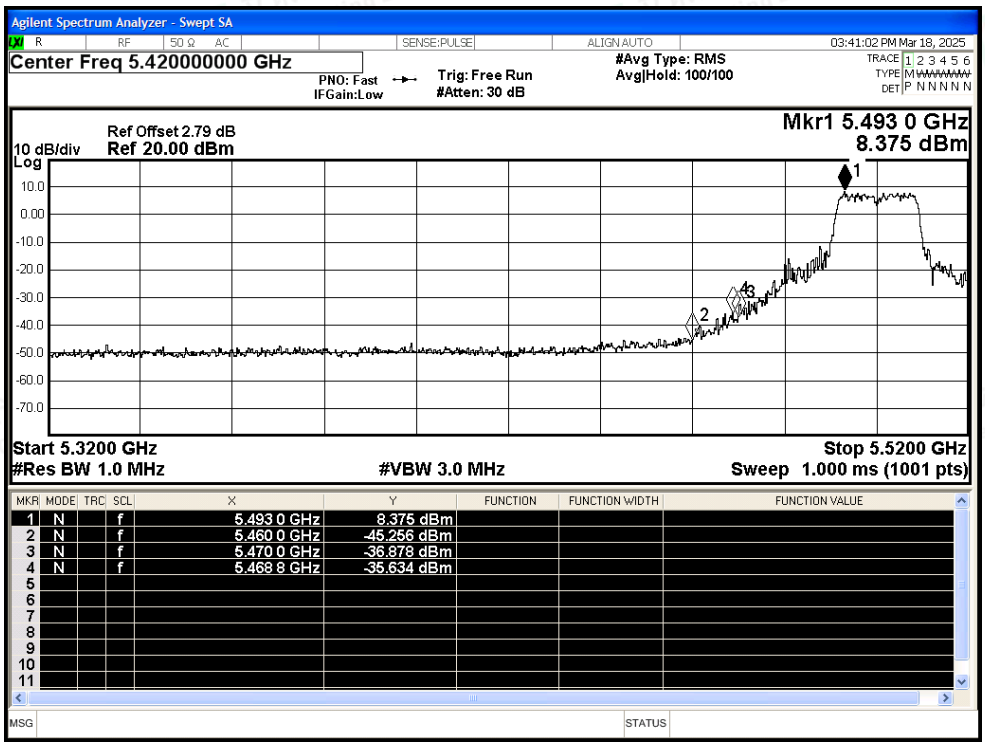
Restrict Band NVNT n40 5670MHz Ant1 Peak



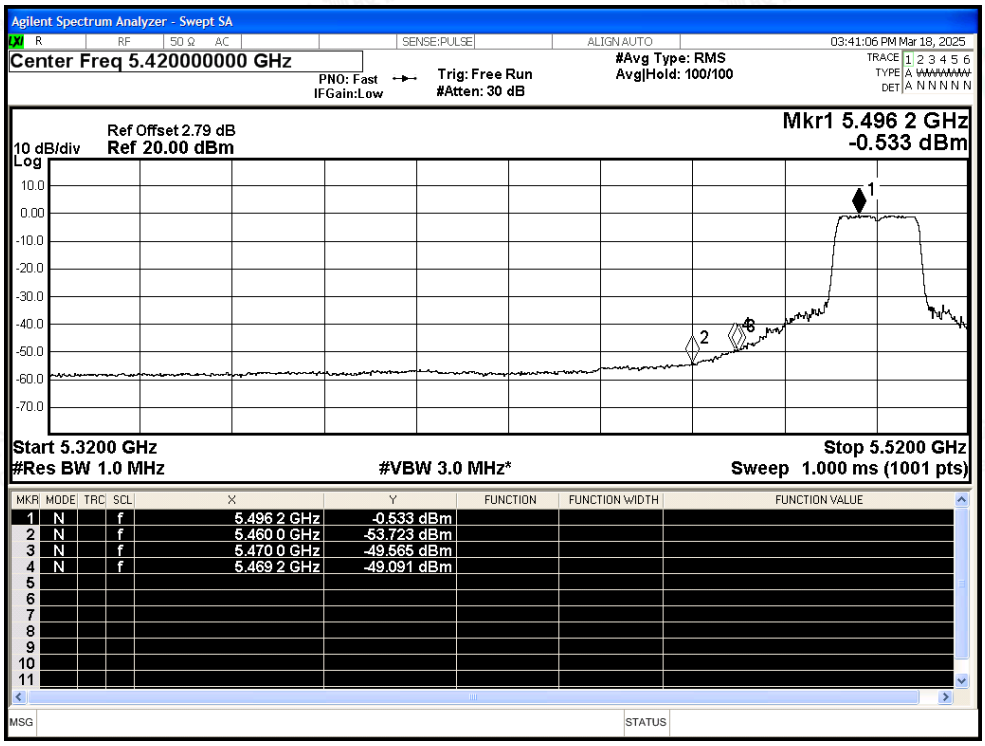

Restrict Band NVNT n40 5670MHz Ant1 Average



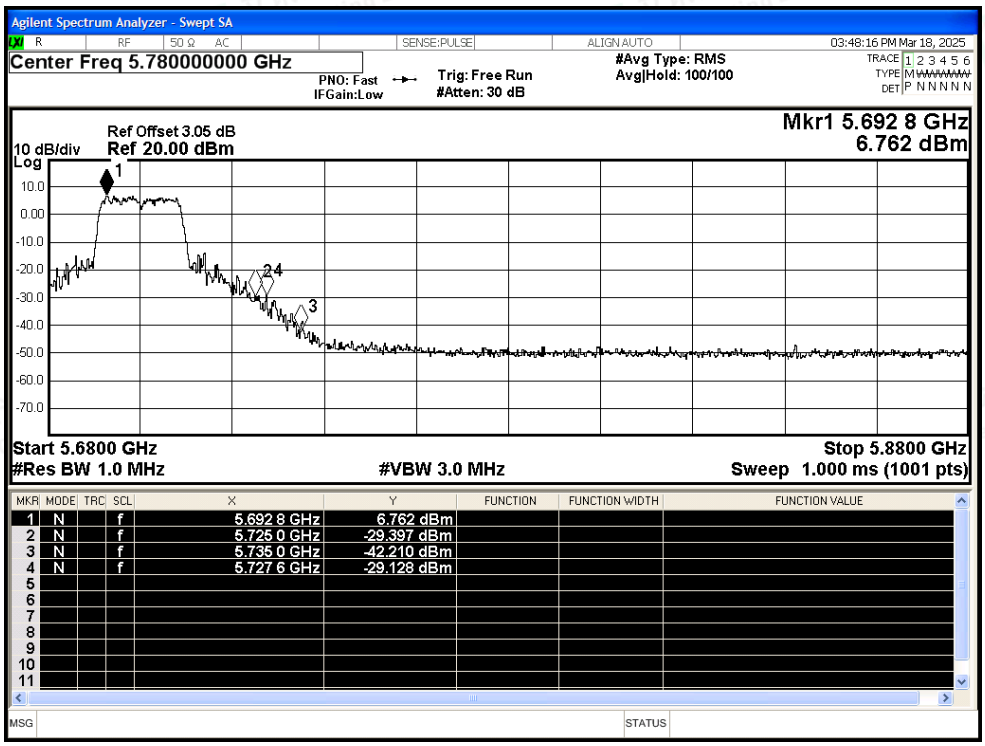
Restrict Band NVNT ac20 5500MHz Ant1 Peak



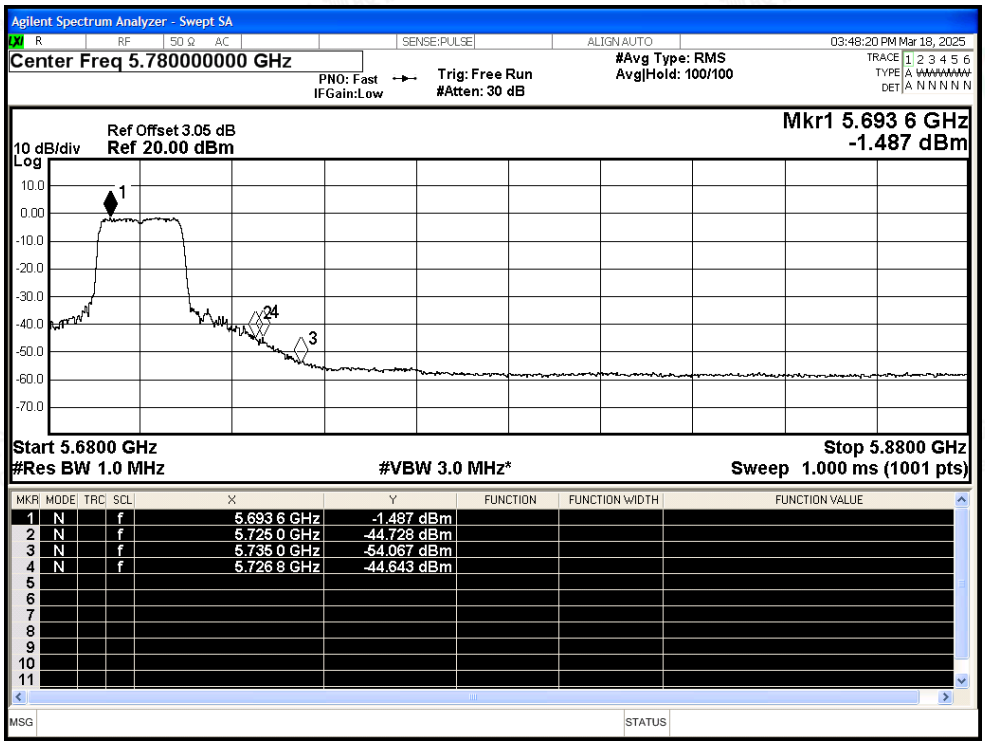

Restrict Band NVNT ac20 5500MHz Ant1 Average



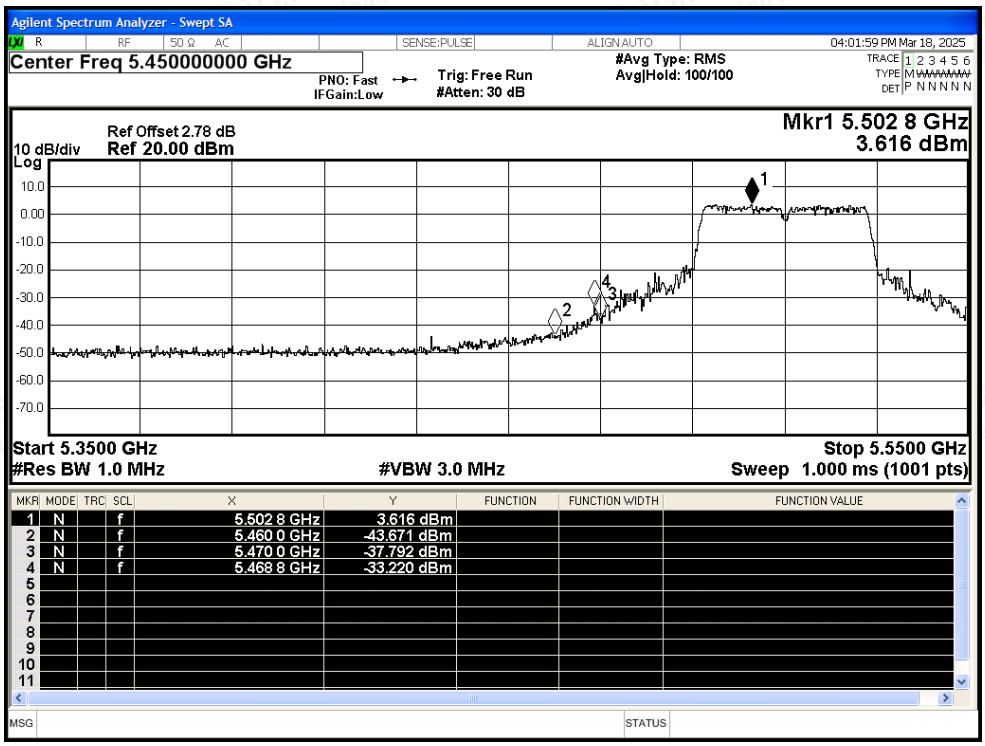
Restrict Band NVNT ac20 5700MHz Ant1 Peak



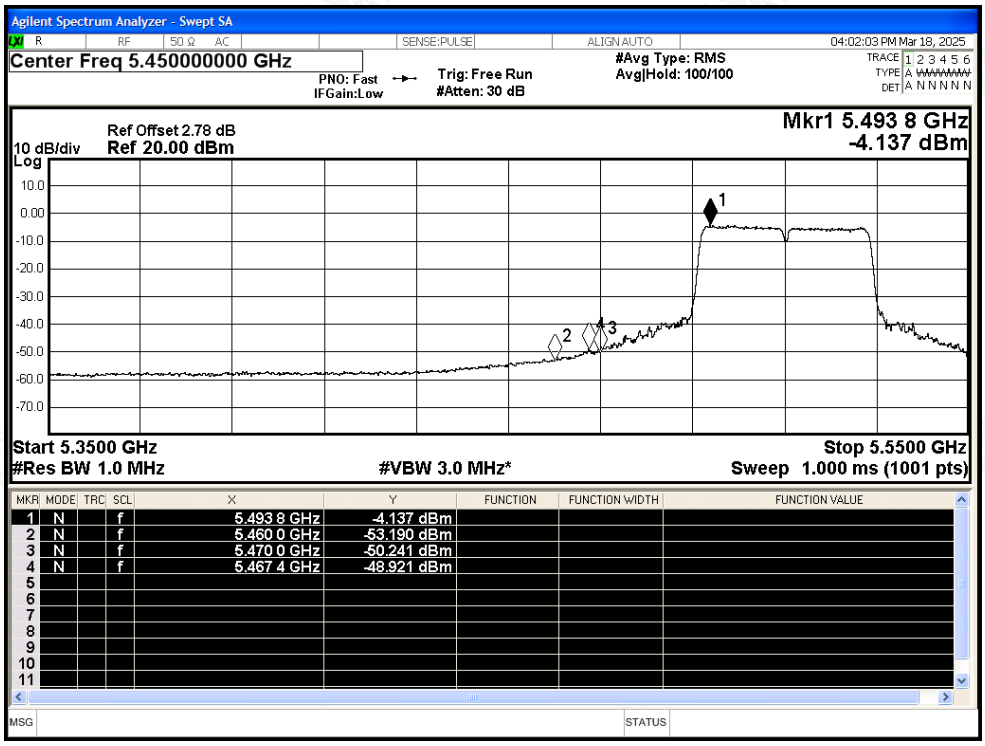

Restrict Band NVNT ac20 5700MHz Ant1 Average



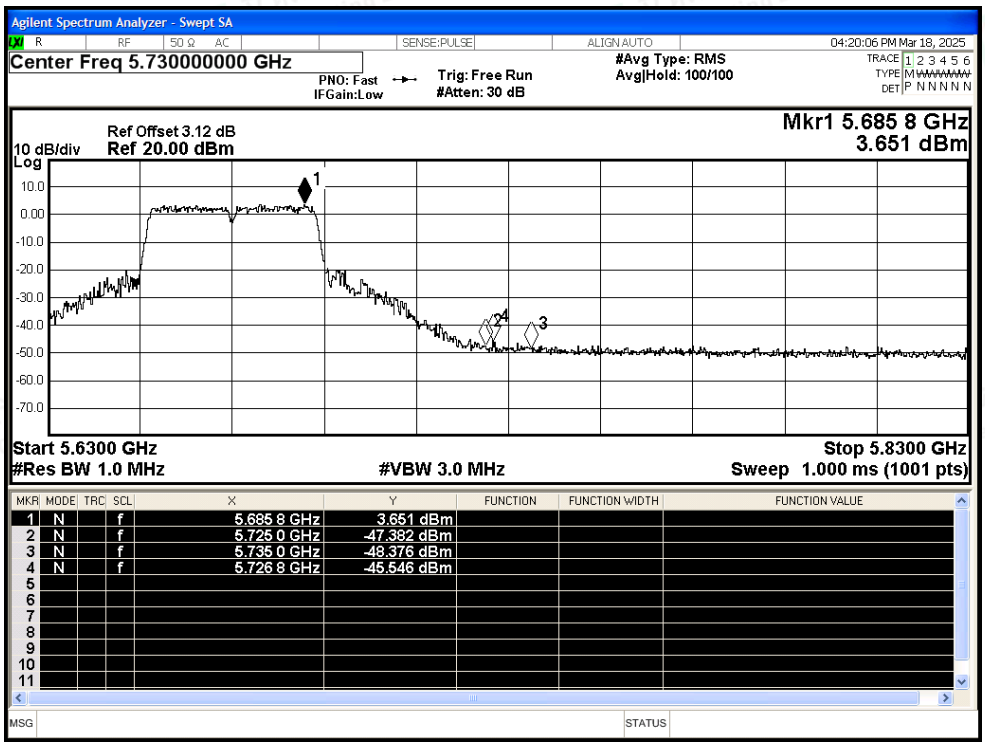
Restrict Band NVNT ac40 5510MHz Ant1 Peak



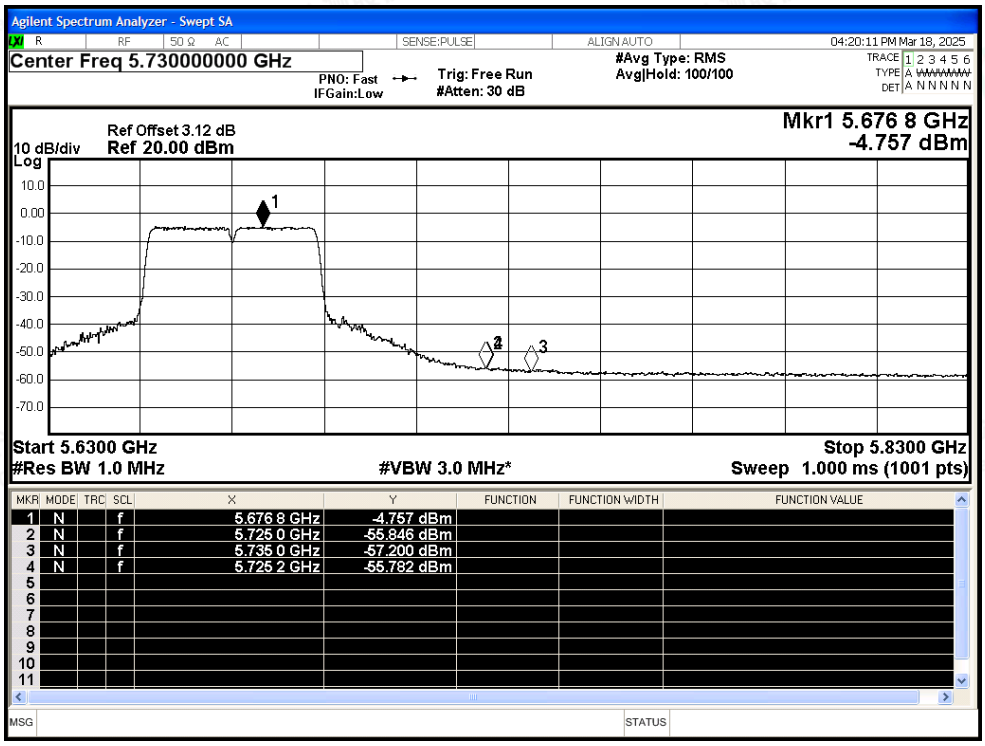

Restrict Band NVNT ac40 5510MHz Ant1 Average



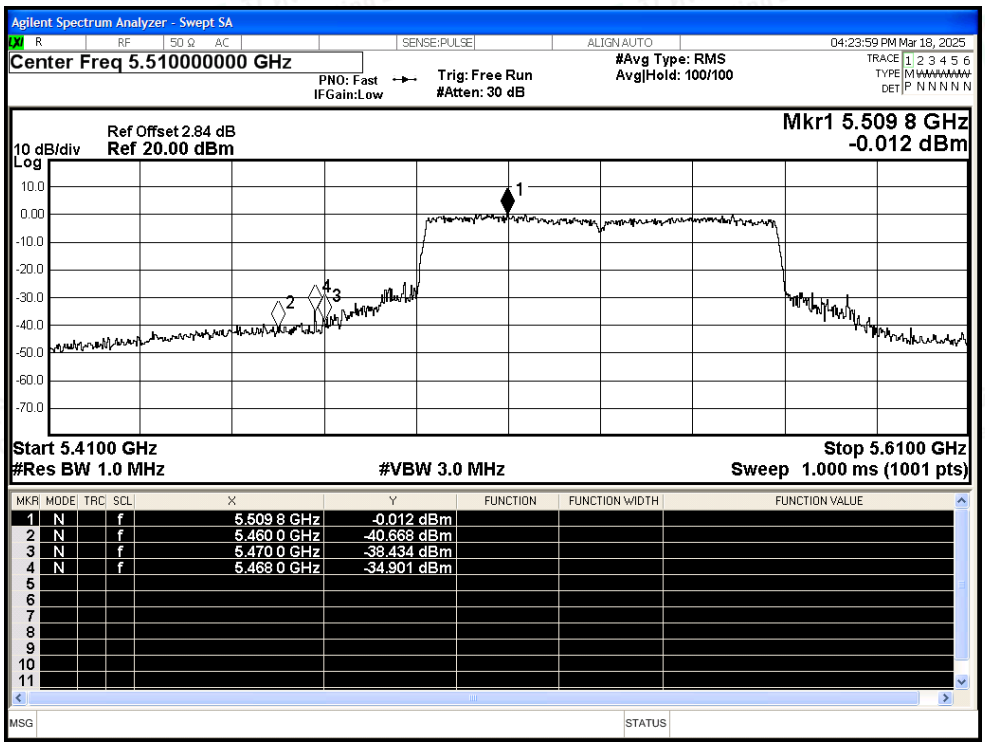
Restrict Band NVNT ac40 5670MHz Ant1 Peak



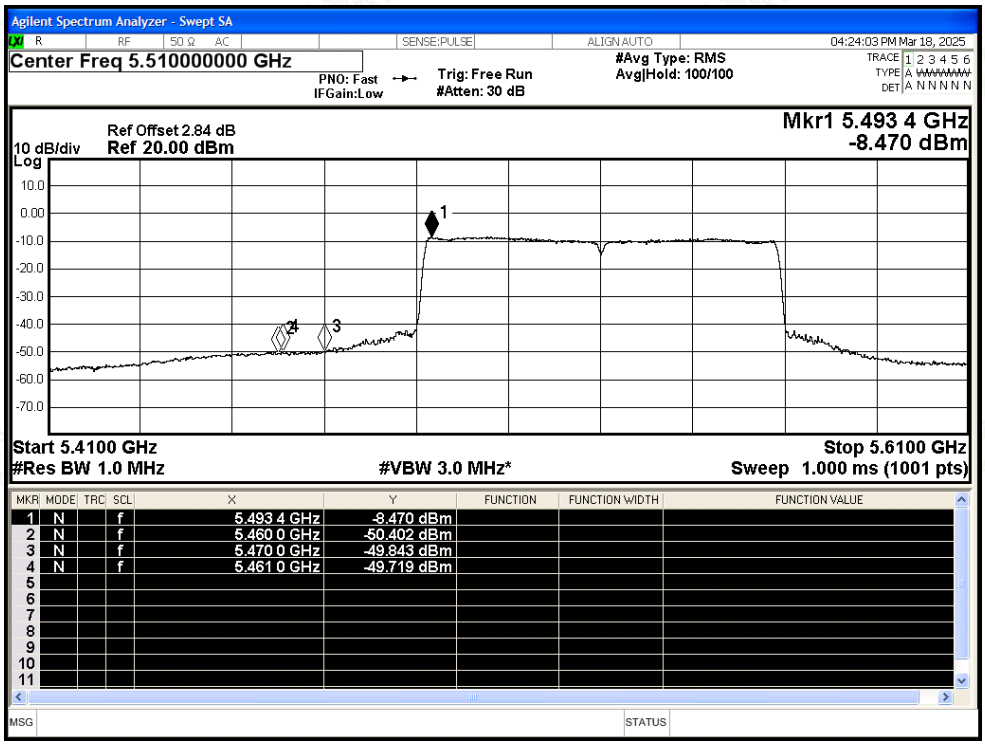

Restrict Band NVNT ac40 5670MHz Ant1 Average



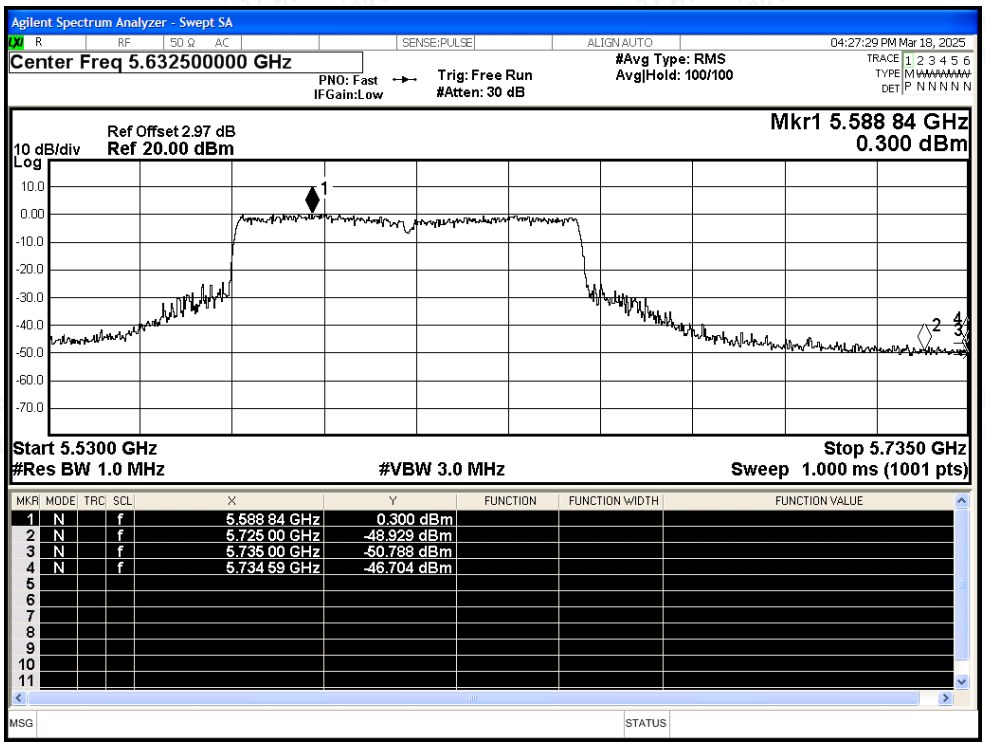
Restrict Band NVNT ac80 5530MHz Ant1 Peak



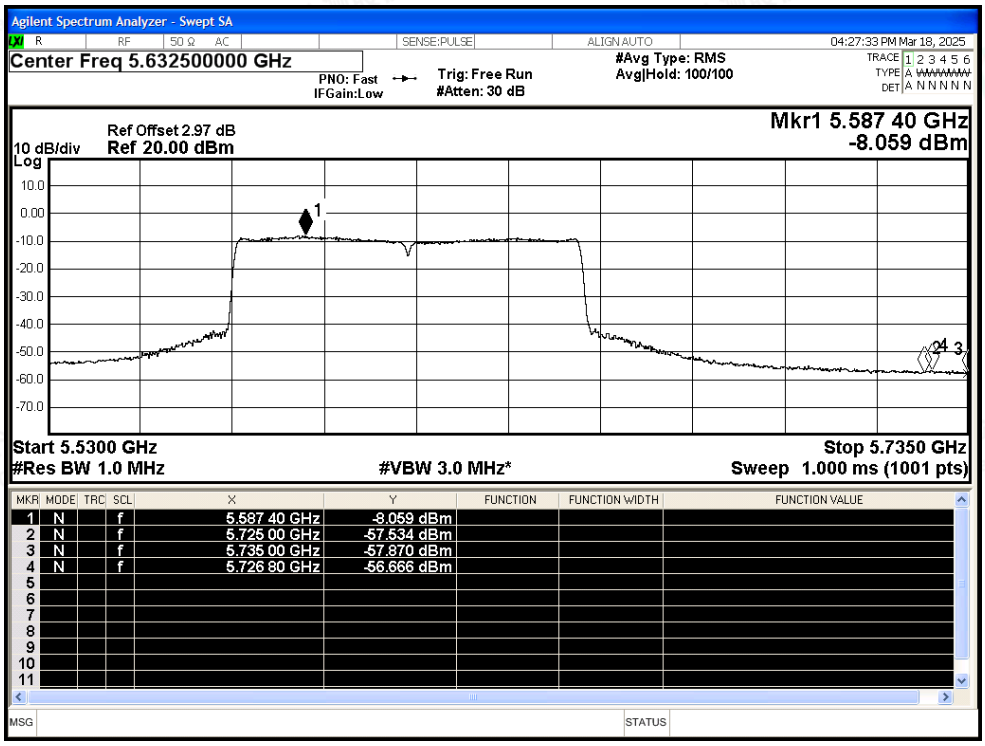

Restrict Band NVNT ac80 5530MHz Ant1 Average



Restrict Band NVNT ac80 5610MHz Ant1 Peak




Restrict Band NVNT ac80 5610MHz Ant1 Average

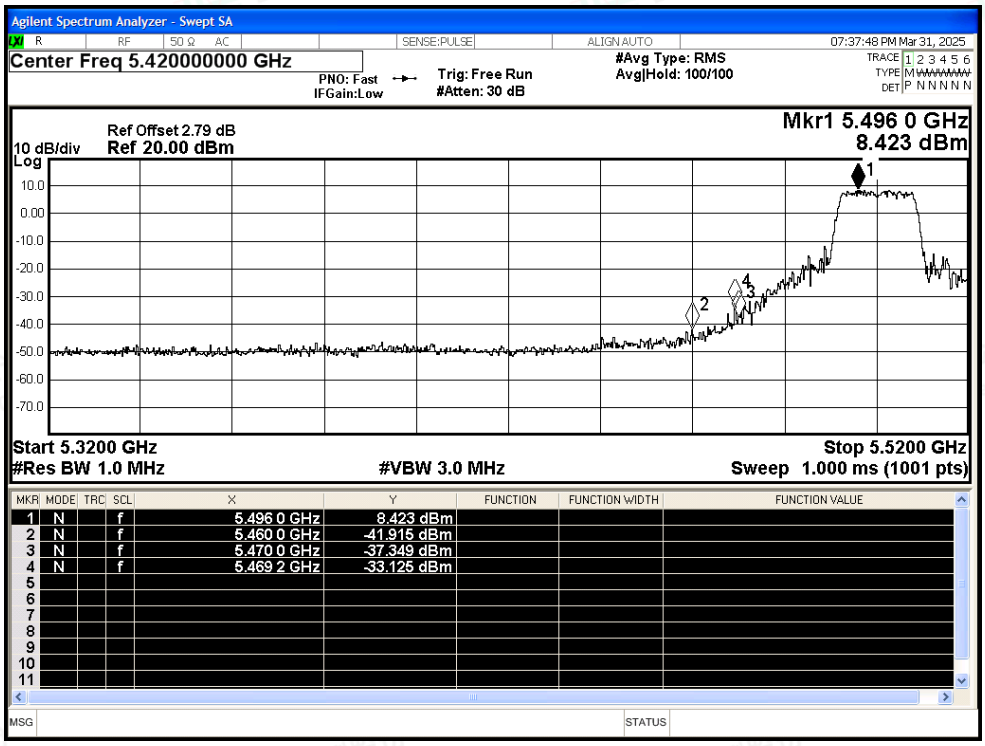


| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | a | 5500 | Ant2 | 5460 | -41.92 | 2 | - | 55.31 | Peak | 68.2 | Pass |
| NVNT | a | 5500 | Ant2 | 5460 | -54.79 | 2 | 0.24 | 42.68 | Average | 54 | Pass |
| NVNT | a | 5500 | Ant2 | 5469.2 | -33.13 | 2 | - | 64.1 | Peak | 68.2 | Pass |
| NVNT | a | 5500 | Ant2 | 5469.4 | -49.41 | 2 | 0.24 | 48.06 | Average | 54 | Pass |
| NVNT | a | 5500 | Ant2 | 5470 | -37.35 | 2 | - | 59.88 | Peak | 68.2 | Pass |
| NVNT | a | 5500 | Ant2 | 5470 | -50.72 | 2 | 0.24 | 46.75 | Average | 54 | Pass |
| NVNT | a | 5700 | Ant2 | 5725 | -36.41 | 2 | - | 60.82 | Peak | 68.2 | Pass |
| NVNT | a | 5700 | Ant2 | 5725 | -51.01 | 2 | 0.24 | 46.46 | Average | 54 | Pass |
| NVNT | a | 5700 | Ant2 | 5726.4 | -30.43 | 2 | - | 66.8 | Peak | 68.2 | Pass |
| NVNT | a | 5700 | Ant2 | 5725.2 | -50.79 | 2 | 0.24 | 46.68 | Average | 54 | Pass |
| NVNT | a | 5700 | Ant2 | 5735 | -48.8 | 2 | - | 48.43 | Peak | 68.2 | Pass |
| NVNT | a | 5700 | Ant2 | 5735 | -56.47 | 2 | 0.24 | 41 | Average | 54 | Pass |
| NVNT | n20 | 5500 | Ant2 | 5460 | -43.74 | 2 | - | 53.49 | Peak | 68.2 | Pass |
| NVNT | n20 | 5500 | Ant2 | 5460 | -53.87 | 2 | 0.28 | 43.64 | Average | 54 | Pass |
| NVNT | n20 | 5500 | Ant2 | 5466.8 | -30.16 | 2 | - | 67.07 | Peak | 68.2 | Pass |
| NVNT | n20 | 5500 | Ant2 | 5468 | -47.52 | 2 | 0.28 | 49.99 | Average | 54 | Pass |
| NVNT | n20 | 5500 | Ant2 | 5470 | -32.57 | 2 | - | 64.66 | Peak | 68.2 | Pass |
| NVNT | n20 | 5500 | Ant2 | 5470 | -48.26 | 2 | 0.28 | 49.25 | Average | 54 | Pass |
| NVNT | n20 | 5700 | Ant2 | 5725 | -35.59 | 2 | - | 61.64 | Peak | 68.2 | Pass |
| NVNT | n20 | 5700 | Ant2 | 5725 | -48.57 | 2 | 0.28 | 48.94 | Average | 54 | Pass |
| NVNT | n20 | 5700 | Ant2 | 5725.2 | -31.93 | 2 | - | 65.3 | Peak | 68.2 | Pass |
| NVNT | n20 | 5700 | Ant2 | 5725 | -48.57 | 2 | 0.28 | 48.94 | Average | 54 | Pass |
| NVNT | n20 | 5700 | Ant2 | 5735 | -43.94 | 2 | - | 53.29 | Peak | 68.2 | Pass |
| NVNT | n20 | 5700 | Ant2 | 5735 | -56.49 | 2 | 0.28 | 41.02 | Average | 54 | Pass |
| NVNT | n40 | 5510 | Ant2 | 5460 | -42.28 | 2 | - | 54.95 | Peak | 68.2 | Pass |
| NVNT | n40 | 5510 | Ant2 | 5460 | -51.9 | 2 | 0.12 | 45.45 | Average | 54 | Pass |
| NVNT | n40 | 5510 | Ant2 | 5465 | -34.27 | 2 | - | 62.96 | Peak | 68.2 | Pass |
| NVNT | n40 | 5510 | Ant2 | 5469 | -48.76 | 2 | 0.12 | 48.59 | Average | 54 | Pass |
| NVNT | n40 | 5510 | Ant2 | 5470 | -37.67 | 2 | - | 59.56 | Peak | 68.2 | Pass |
| NVNT | n40 | 5510 | Ant2 | 5470 | -48.79 | 2 | 0.12 | 48.56 | Average | 54 | Pass |
| NVNT | n40 | 5670 | Ant2 | 5725 | -48.33 | 2 | - | 48.9 | Peak | 68.2 | Pass |
| NVNT | n40 | 5670 | Ant2 | 5725 | -55.84 | 2 | 0.12 | 41.51 | Average | 54 | Pass |
| NVNT | n40 | 5670 | Ant2 | 5726.4 | -46.23 | 2 | - | 51 | Peak | 68.2 | Pass |
| NVNT | n40 | 5670 | Ant2 | 5726.2 | -55.64 | 2 | 0.12 | 41.71 | Average | 54 | Pass |
| NVNT | n40 | 5670 | Ant2 | 5735 | -48.04 | 2 | - | 49.19 | Peak | 68.2 | Pass |
| NVNT | n40 | 5670 | Ant2 | 5735 | -56.84 | 2 | 0.12 | 40.51 | Average | 54 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 5460 | -47.46 | 2 | - | 49.77 | Peak | 68.2 | Pass |

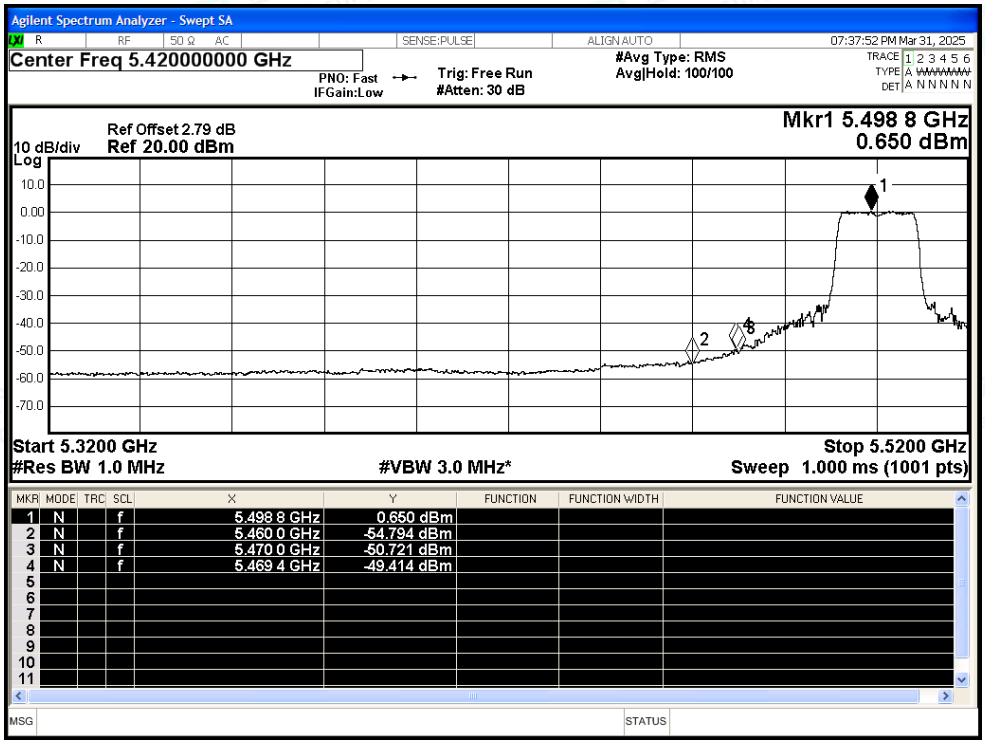
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | ac20 | 5500 | Ant2 | 5460 | -54.51 | 2 | 0.28 | 43 | Average | 54 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 5469.4 | -30.93 | 2 | - | 66.3 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 5469.6 | -48.77 | 2 | 0.28 | 48.74 | Average | 54 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 5470 | -32.01 | 2 | - | 65.22 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5500 | Ant2 | 5470 | -49.76 | 2 | 0.28 | 47.75 | Average | 54 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 5725 | -32.14 | 2 | - | 65.09 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 5725 | -49.15 | 2 | 0.28 | 48.36 | Average | 54 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 5735 | -44.55 | 2 | - | 52.68 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 5735 | -56.59 | 2 | 0.28 | 40.92 | Average | 54 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 5735 | -44.55 | 2 | - | 52.68 | Peak | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 5735 | -56.59 | 2 | 0.28 | 40.92 | Average | 54 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 5460 | -44.44 | 2 | - | 52.79 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 5460 | -52.93 | 2 | 0.12 | 44.42 | Average | 54 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 5468.6 | -33.31 | 2 | - | 63.92 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 5469.4 | -48.52 | 2 | 0.12 | 48.83 | Average | 54 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 5470 | -36.13 | 2 | - | 61.1 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 5470 | -49.4 | 2 | 0.12 | 47.95 | Average | 54 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 5725 | -47.93 | 2 | - | 49.3 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 5725 | -55.56 | 2 | 0.12 | 41.79 | Average | 54 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 5729.4 | -45.67 | 2 | - | 51.56 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 5728.4 | -55.54 | 2 | 0.12 | 41.81 | Average | 54 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 5735 | -47 | 2 | - | 50.23 | Peak | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 5735 | -56.57 | 2 | 0.12 | 40.78 | Average | 54 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 5460 | -41.52 | 2 | - | 55.71 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 5460 | -50.25 | 2 | 0.25 | 47.23 | Average | 54 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 5467.6 | -37.11 | 2 | - | 60.12 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 5463.8 | -49.32 | 2 | 0.25 | 48.16 | Average | 54 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 5470 | -43.23 | 2 | - | 54 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 5470 | -50.65 | 2 | 0.25 | 46.83 | Average | 54 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 5725 | -49.05 | 2 | - | 48.18 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 5725 | -57.01 | 2 | 0.25 | 40.47 | Average | 54 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 5732.335 | -47.27 | 2 | - | 49.96 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 5726.8 | -56.76 | 2 | 0.25 | 40.72 | Average | 54 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 5735 | -49.12 | 2 | - | 48.11 | Peak | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 5735 | -57.63 | 2 | 0.25 | 39.85 | Average | 54 | Pass |

Test Graphs

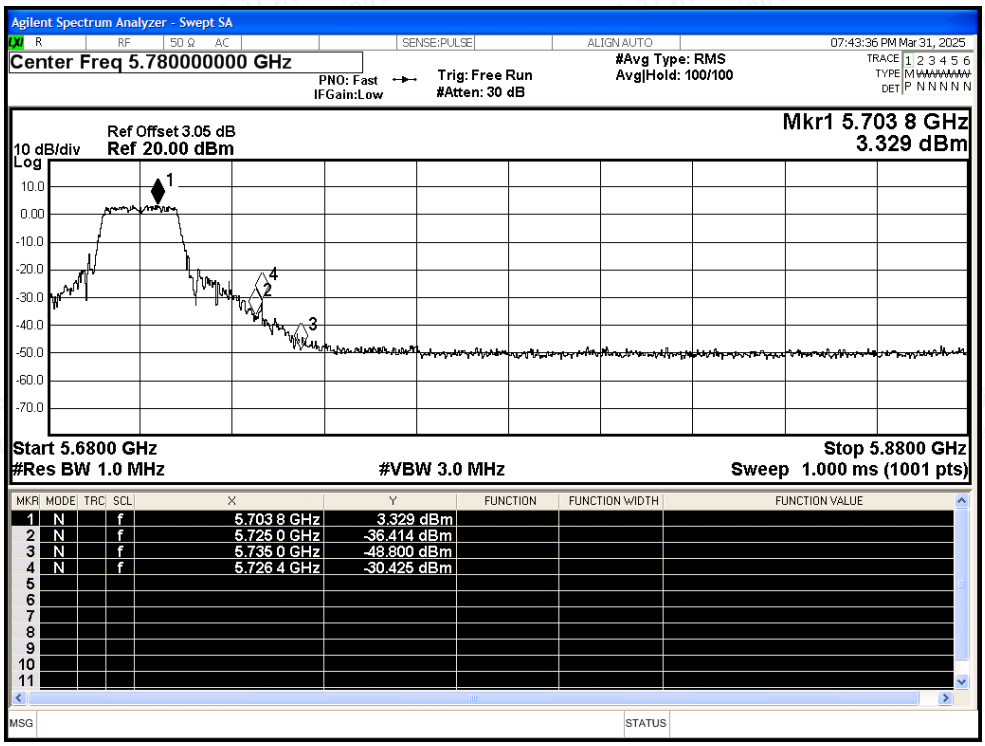
Restrict Band NVNT a 5500MHz Ant2 Peak

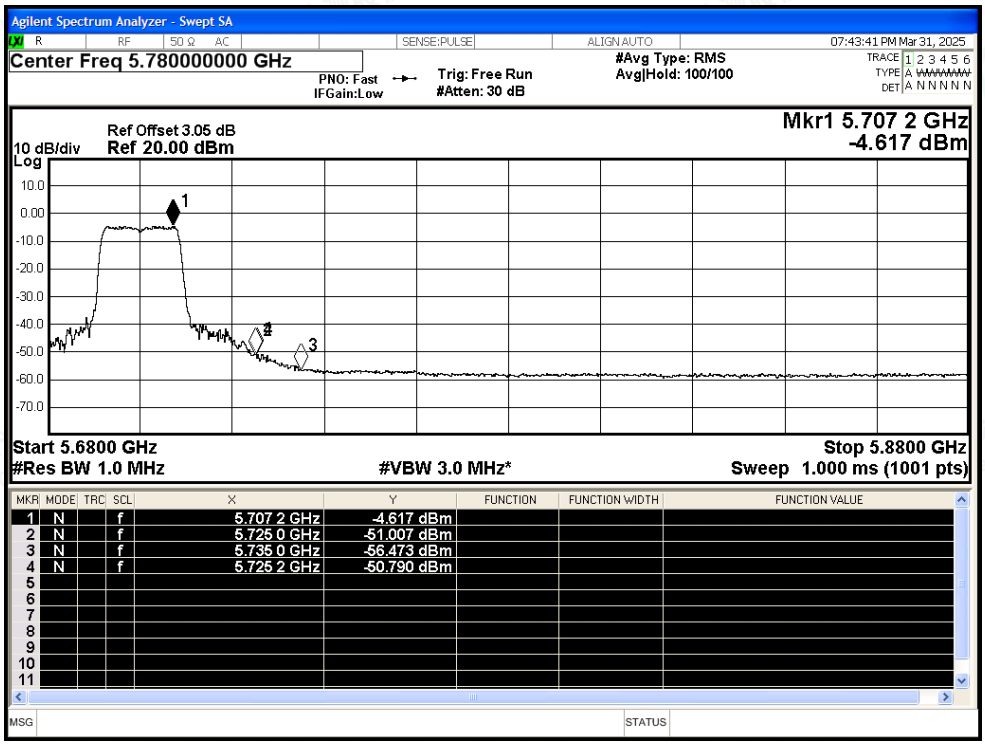



Restrict Band NVNT a 5500MHz Ant2 Average



Restrict Band NVNT a 5700MHz Ant2 Peak




Restrict Band NVNT a 5700MHz Ant2 Average