



Appendix C

RF Test Data for 5.3G WIFI (Conducted Measurement)

Product Name: Wi-Fi Router

Test Model: WR3000

Environmental Conditions

| | |
|--------------------|-----------|
| Temperature: | 23.8° C |
| Relative Humidity: | 52.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Taylor Hu |
| Supervised by: | Ling Zhu |





C.1 -26dB Bandwidth

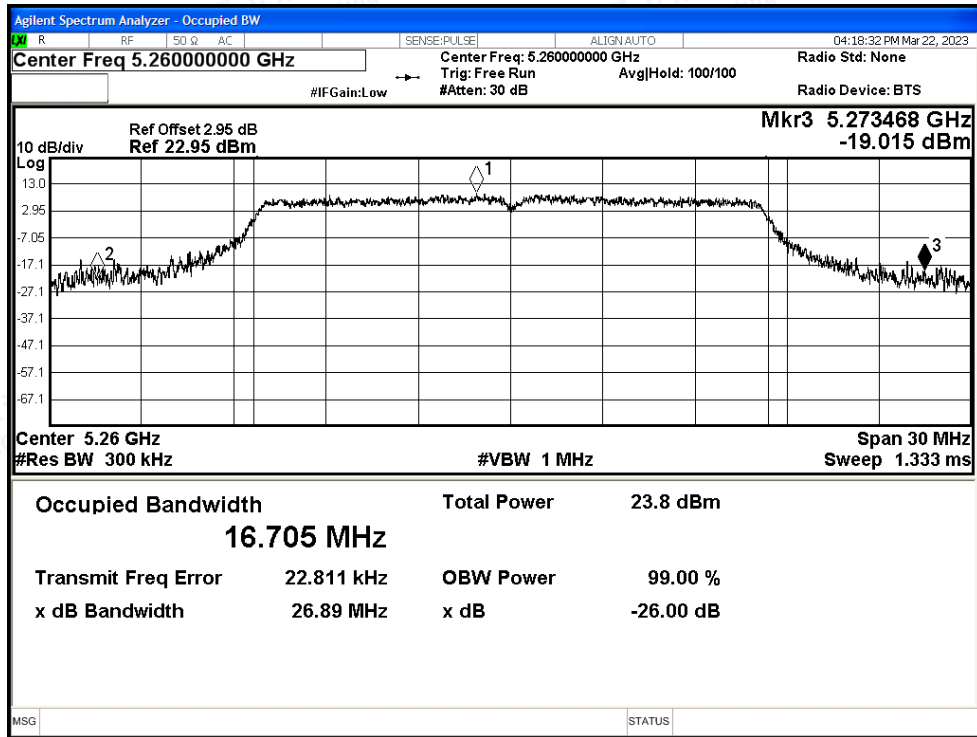
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT | a | 5260 | Ant0 | 26.89 | >=0.5 | Pass |
| NVNT | a | 5300 | Ant0 | 27.215 | >=0.5 | Pass |
| NVNT | a | 5320 | Ant0 | 28.148 | >=0.5 | Pass |
| NVNT | n20 | 5260 | Ant0 | 22.798 | >=0.5 | Pass |
| NVNT | n20 | 5300 | Ant0 | 27.839 | >=0.5 | Pass |
| NVNT | n20 | 5320 | Ant0 | 29.028 | >=0.5 | Pass |
| NVNT | n40 | 5270 | Ant0 | 40.02 | >=0.5 | Pass |
| NVNT | n40 | 5310 | Ant0 | 41.003 | >=0.5 | Pass |
| NVNT | ac20 | 5260 | Ant0 | 21.693 | >=0.5 | Pass |
| NVNT | ac20 | 5300 | Ant0 | 28.911 | >=0.5 | Pass |
| NVNT | ac20 | 5320 | Ant0 | 28.184 | >=0.5 | Pass |
| NVNT | ac40 | 5270 | Ant0 | 39.745 | >=0.5 | Pass |
| NVNT | ac40 | 5310 | Ant0 | 50.763 | >=0.5 | Pass |
| NVNT | ac80 | 5290 | Ant0 | 78.664 | >=0.5 | Pass |
| NVNT | ac160 | 5250 | Ant0 | 166.611 | >=0.5 | Pass |
| NVNT | ax20 | 5260 | Ant0 | 22.535 | >=0.5 | Pass |
| NVNT | ax20 | 5300 | Ant0 | 25.171 | >=0.5 | Pass |
| NVNT | ax20 | 5320 | Ant0 | 27.723 | >=0.5 | Pass |
| NVNT | ax40 | 5270 | Ant0 | 39.548 | >=0.5 | Pass |
| NVNT | ax40 | 5310 | Ant0 | 49.836 | >=0.5 | Pass |
| NVNT | ax80 | 5290 | Ant0 | 87.102 | >=0.5 | Pass |
| NVNT | ax160 | 5250 | Ant0 | 161.312 | >=0.5 | Pass |



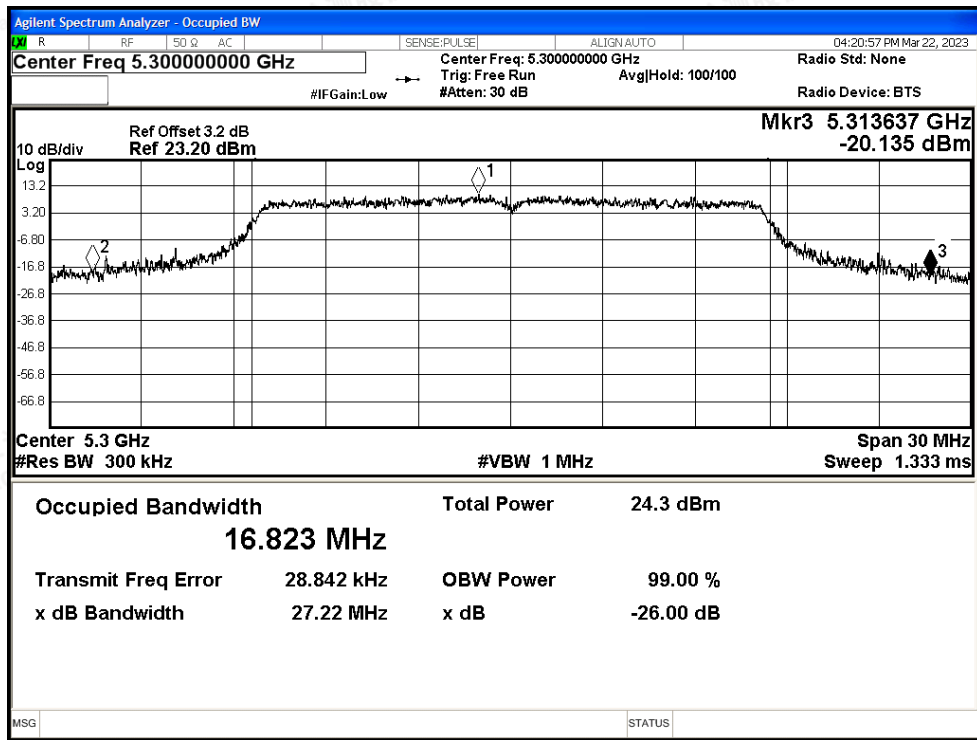


Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant0

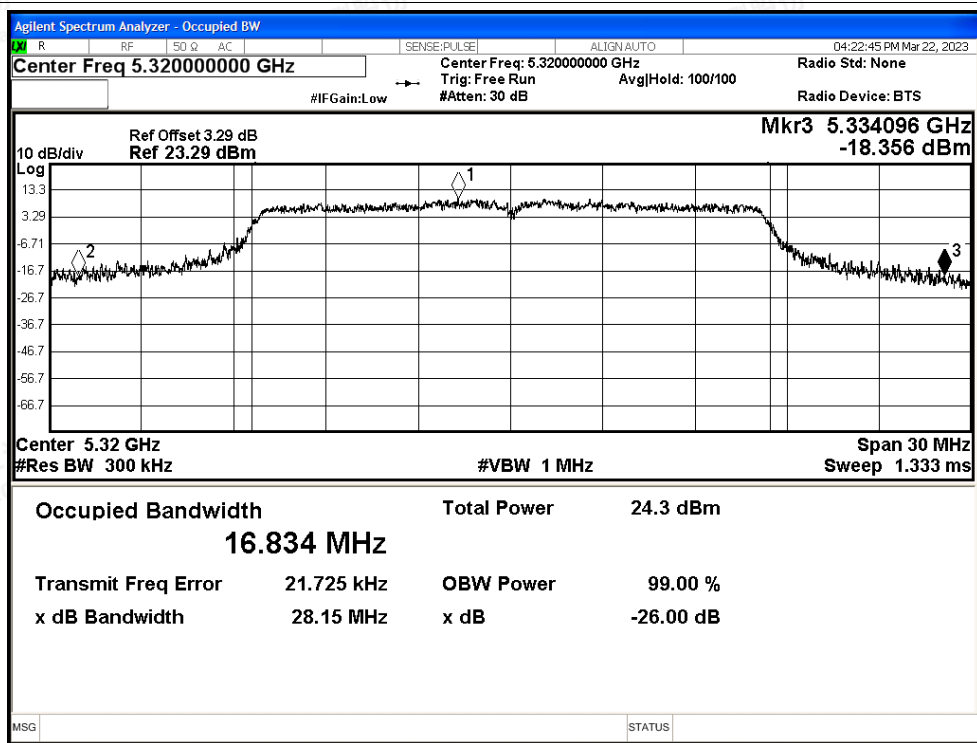


-26dB Bandwidth NVNT a 5300MHz Ant0

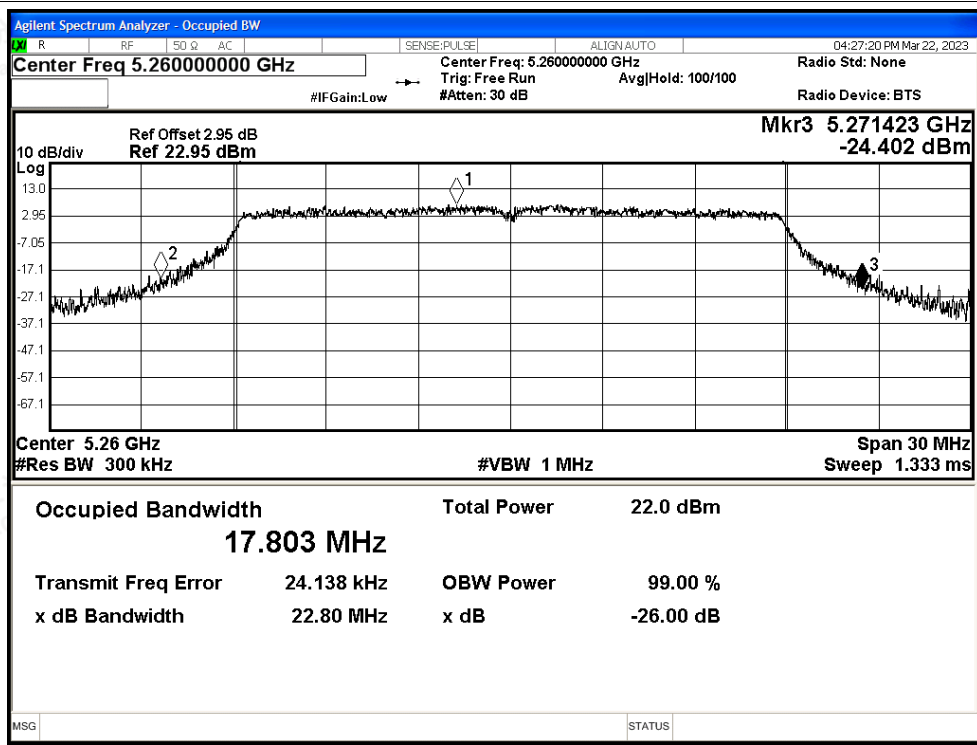


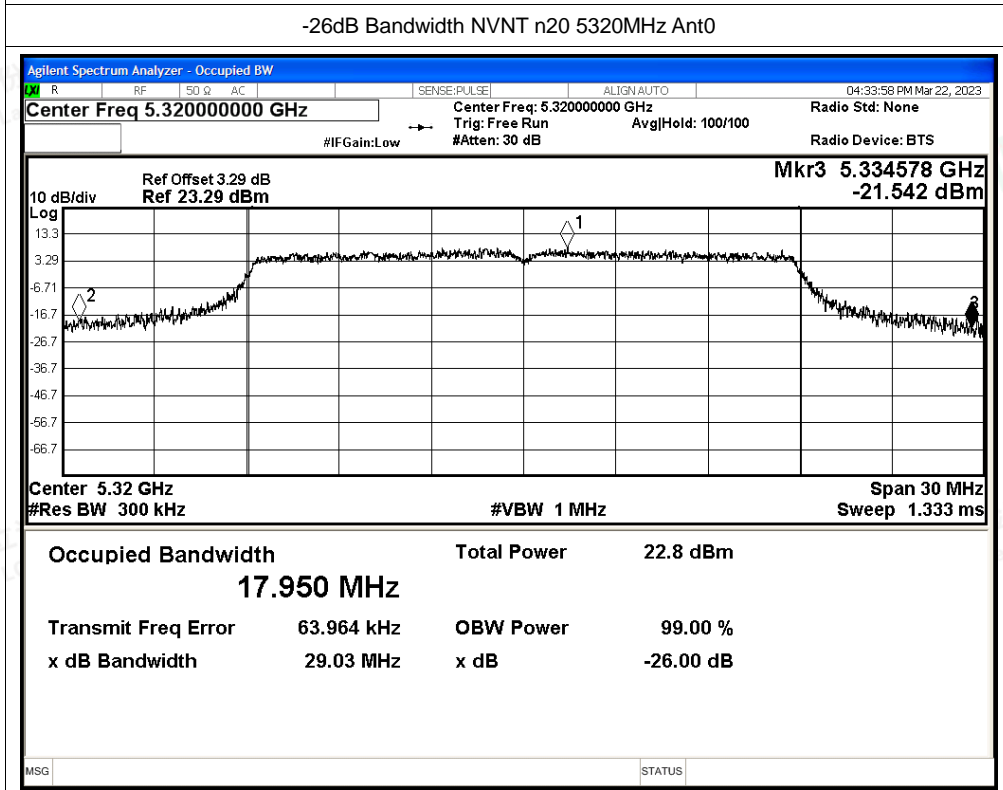
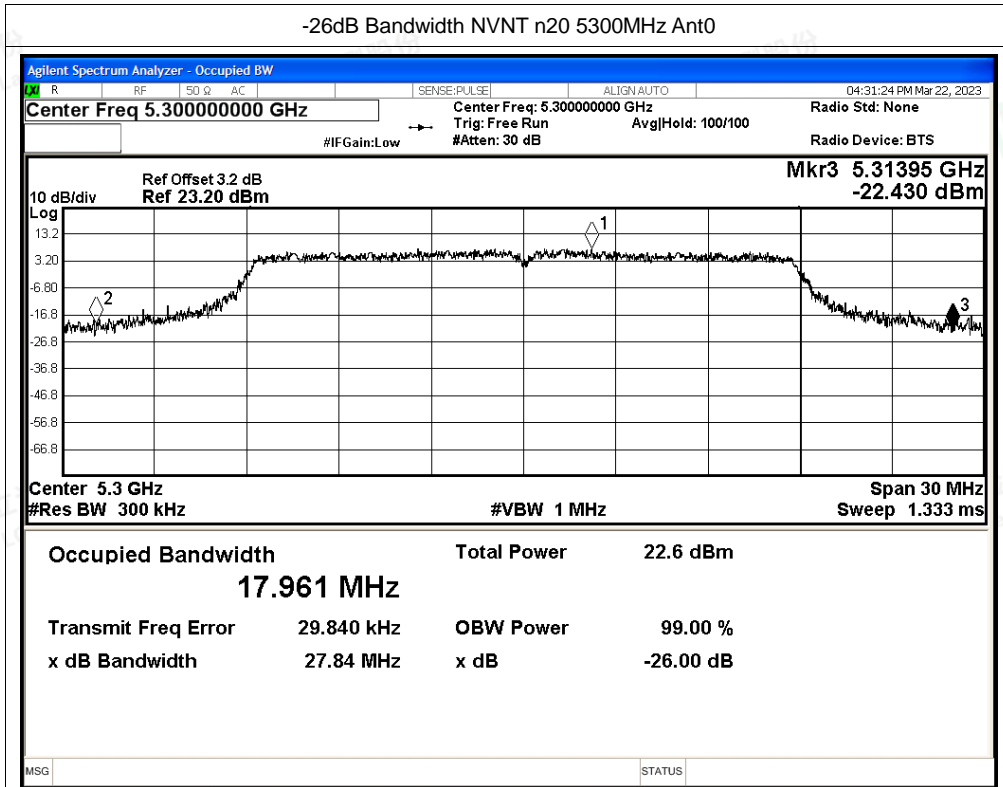


-26dB Bandwidth NVNT a 5320MHz Ant0



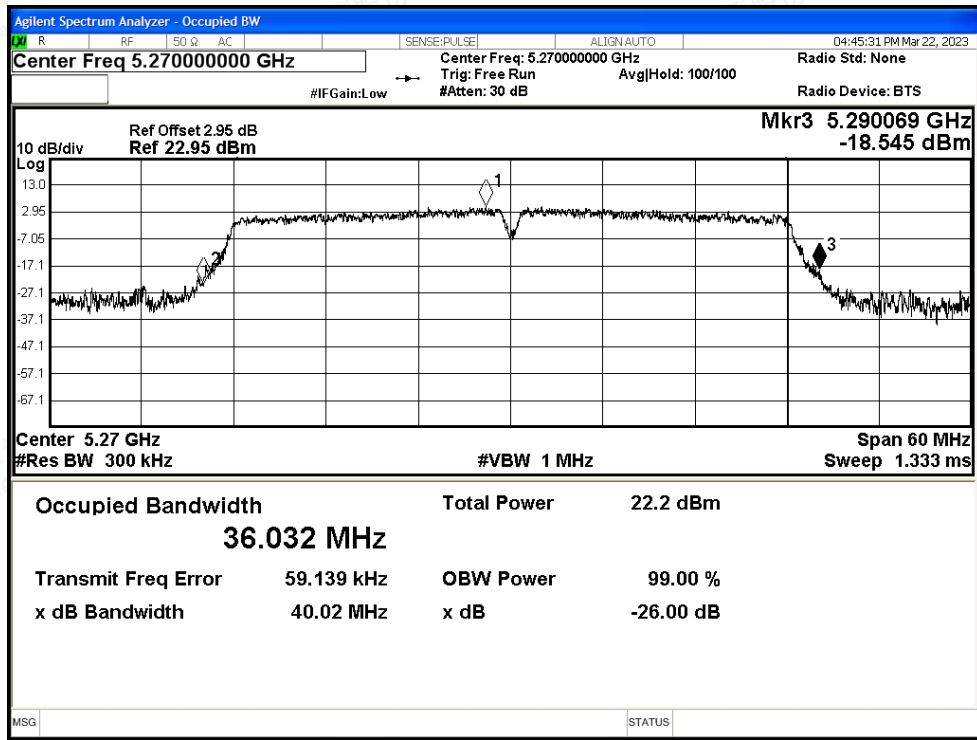
-26dB Bandwidth NVNT n20 5260MHz Ant0



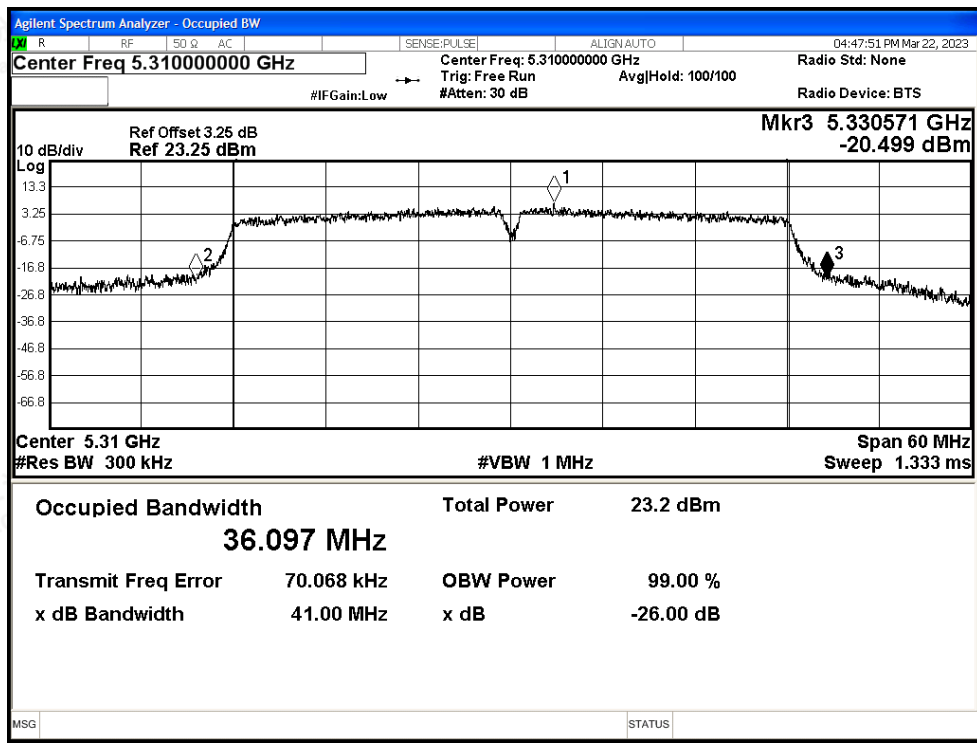




-26dB Bandwidth NVNT n40 5270MHz Ant0

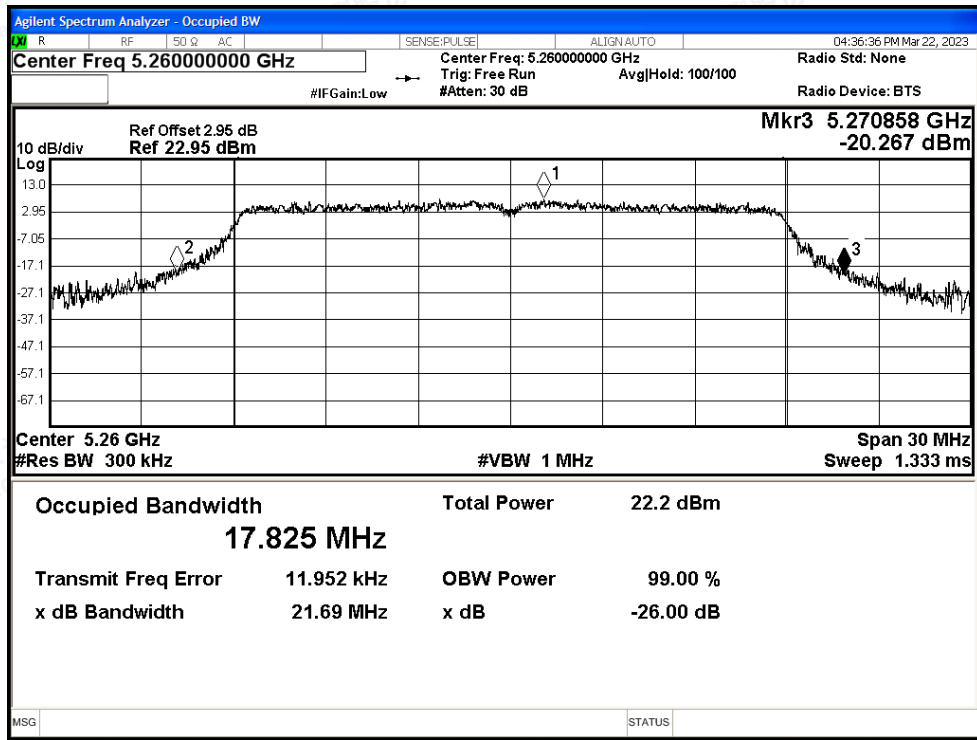


-26dB Bandwidth NVNT n40 5310MHz Ant0

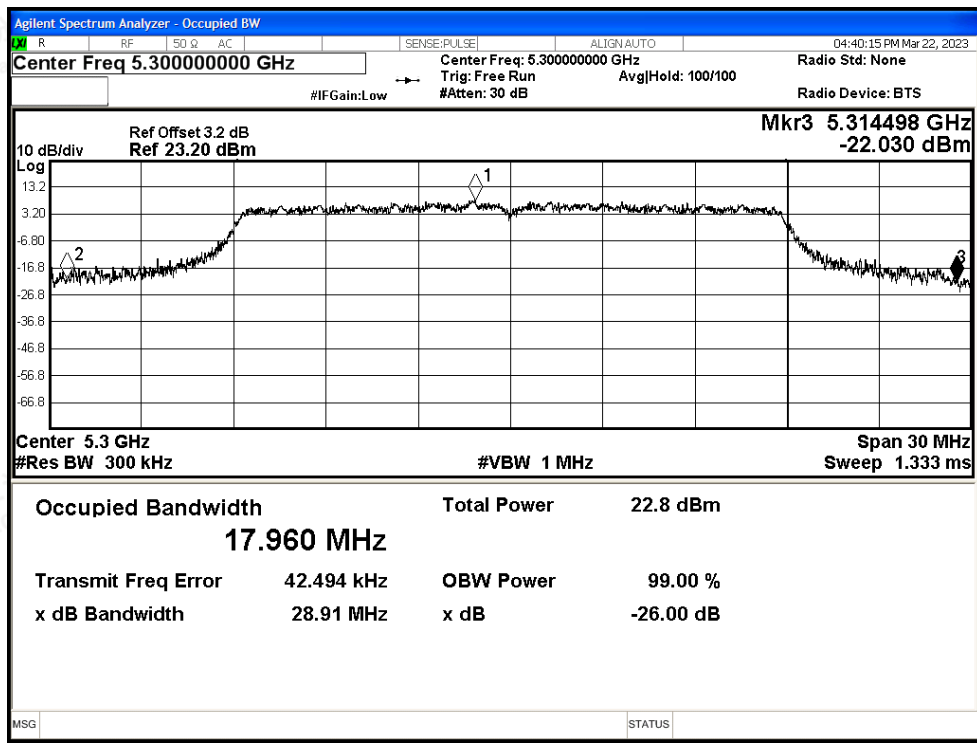




-26dB Bandwidth NVNT ac20 5260MHz Ant0

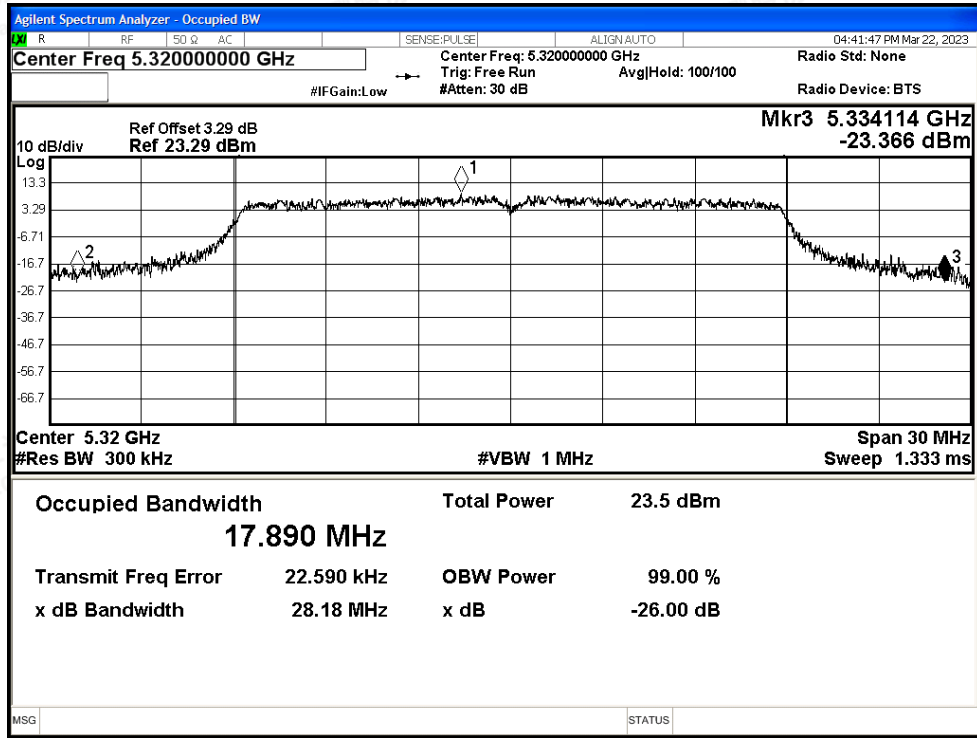


-26dB Bandwidth NVNT ac20 5300MHz Ant0

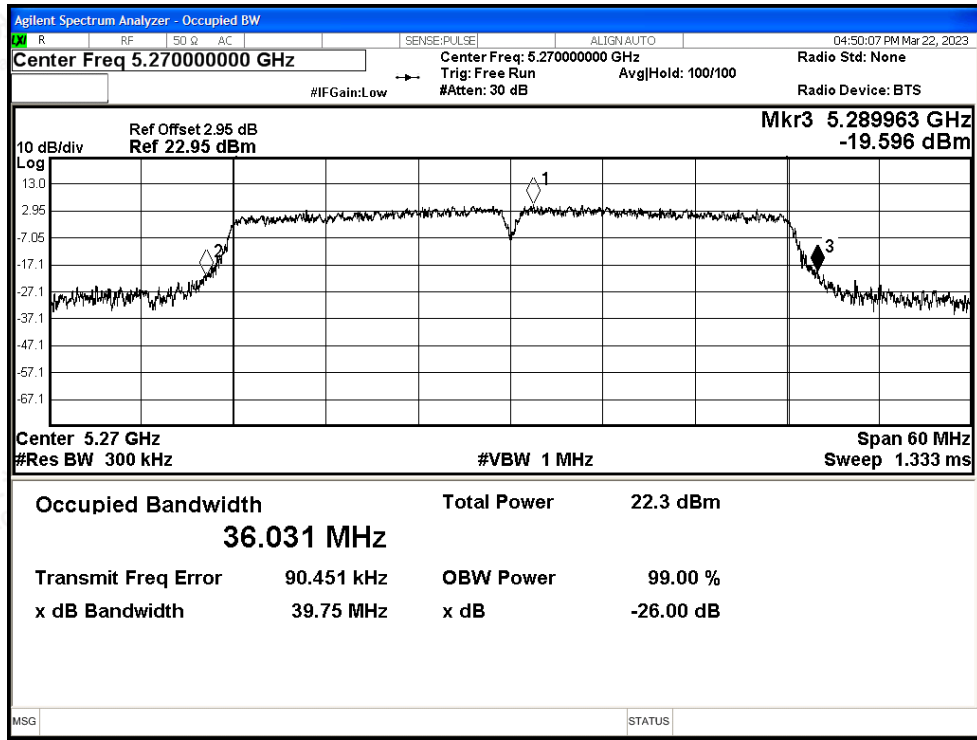




-26dB Bandwidth NVNT ac20 5320MHz Ant0

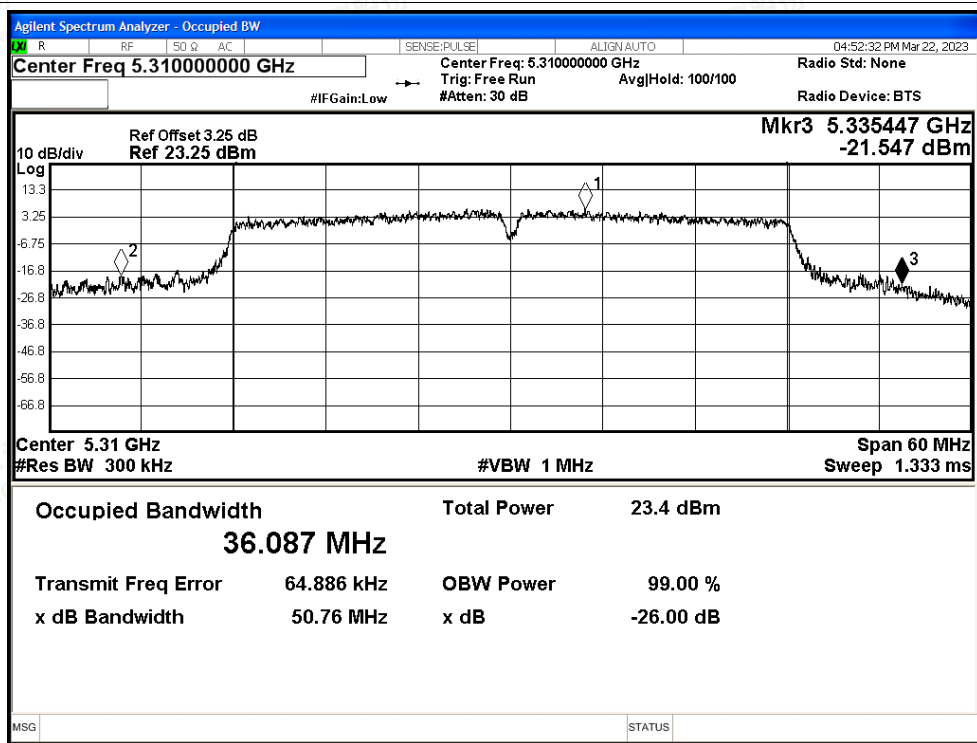


-26dB Bandwidth NVNT ac40 5270MHz Ant0

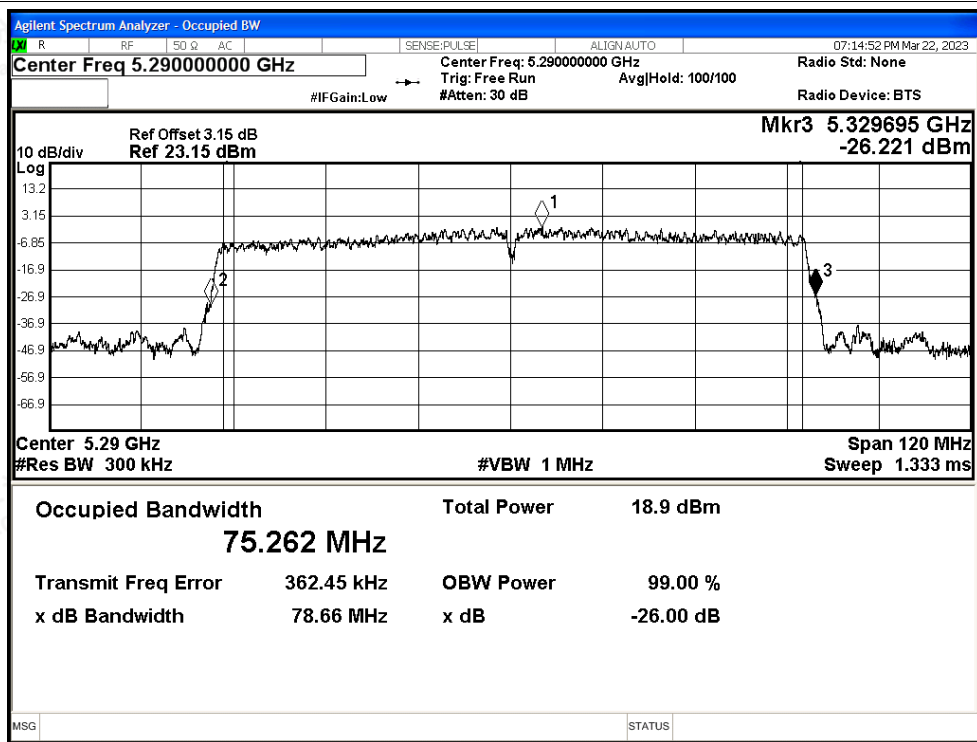




-26dB Bandwidth NVNT ac40 5310MHz Ant0

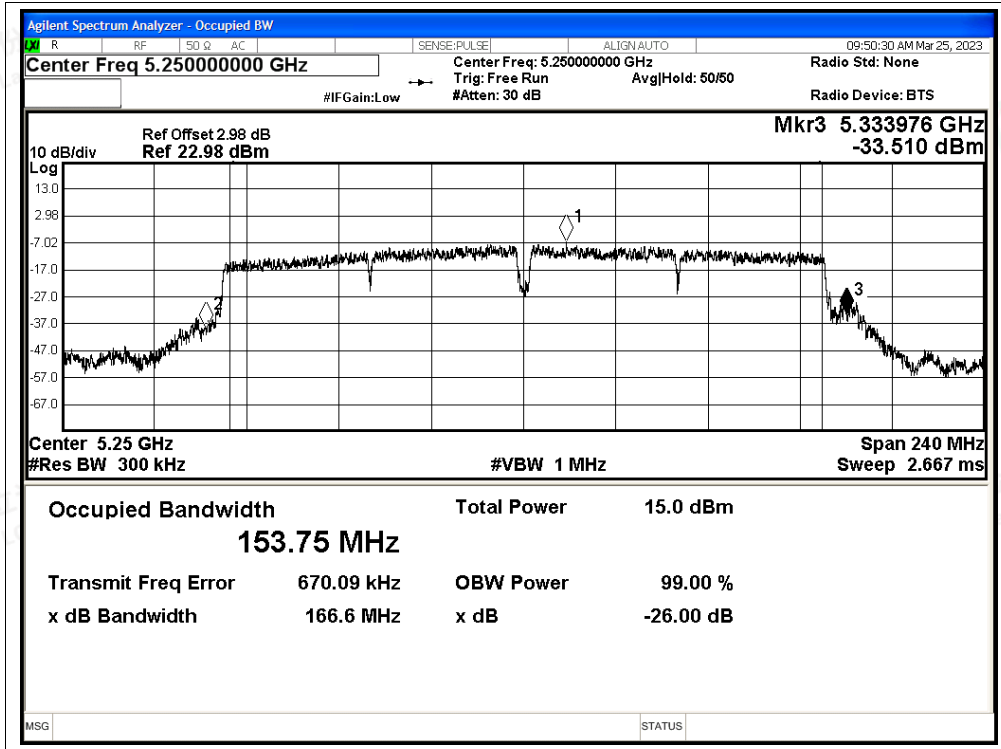


-26dB Bandwidth NVNT ac80 5290MHz Ant0



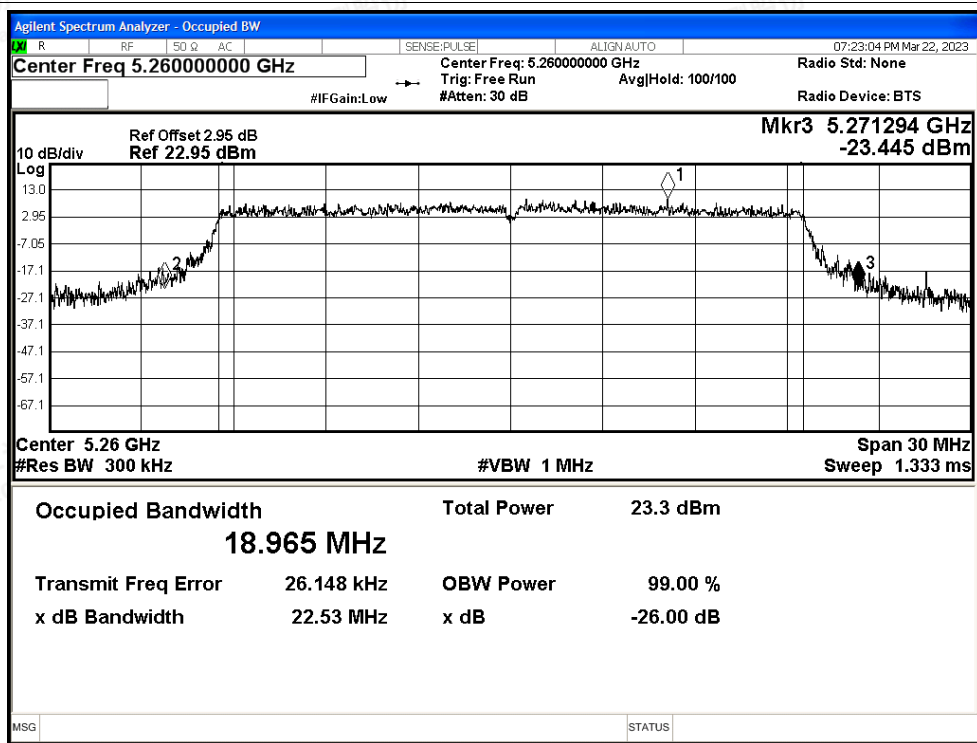
-26dB Bandwidth NVNT ac160 5250MHz Ant0



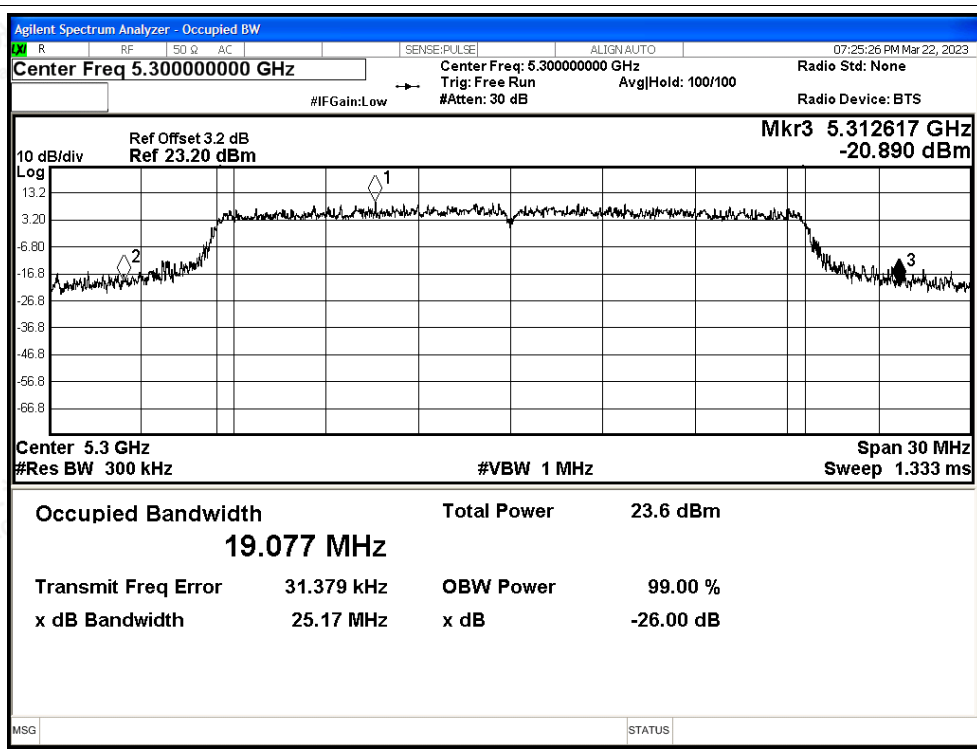


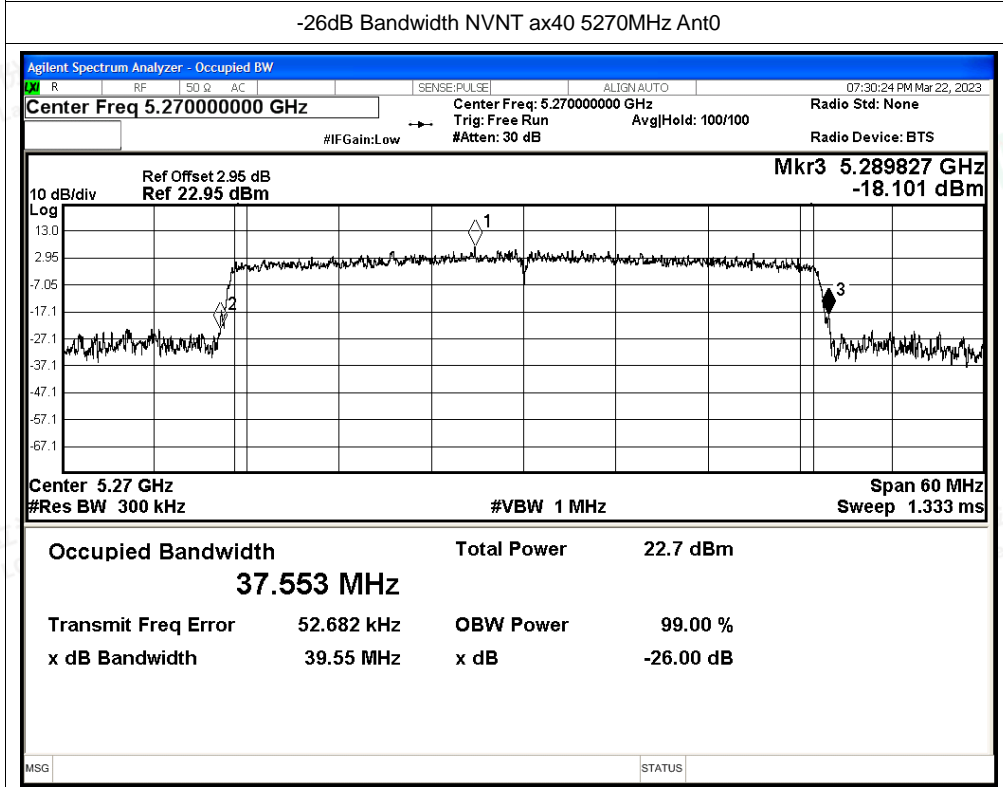
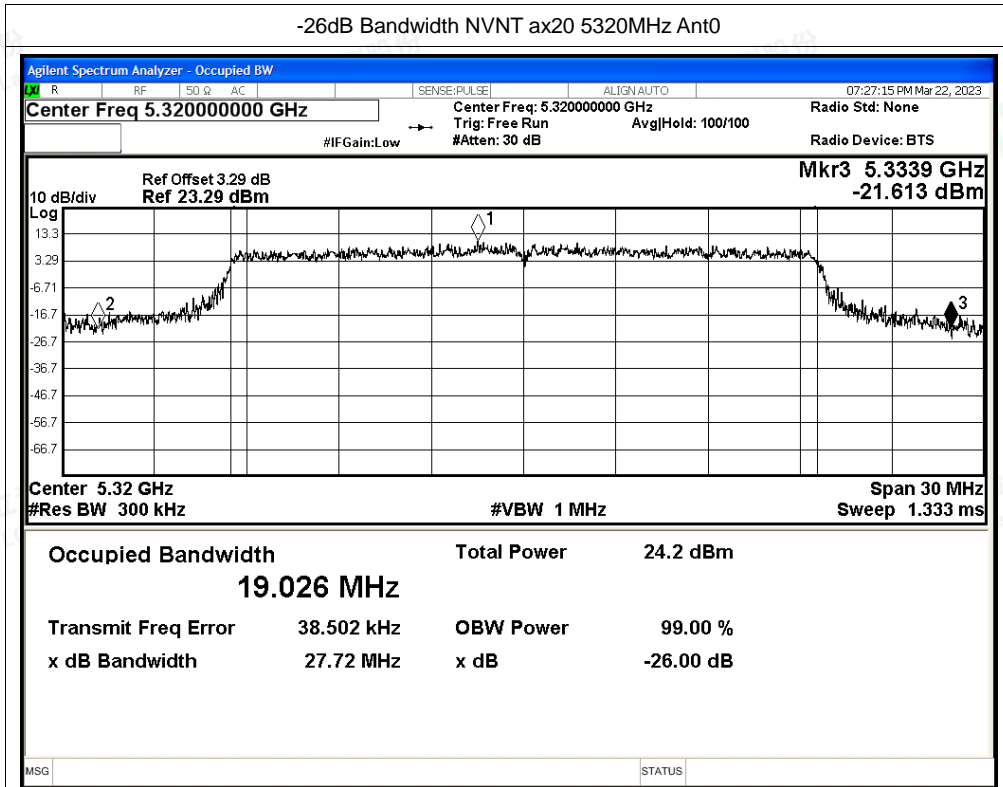


-26dB Bandwidth NVNT ax20 5260MHz Ant0



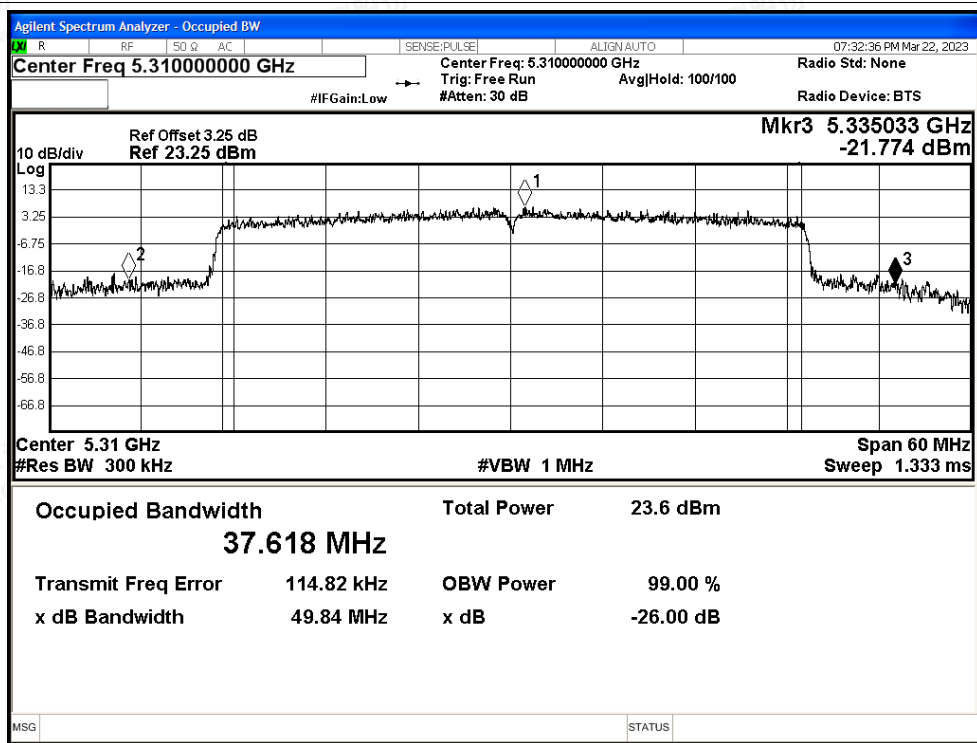
-26dB Bandwidth NVNT ax20 5300MHz Ant0



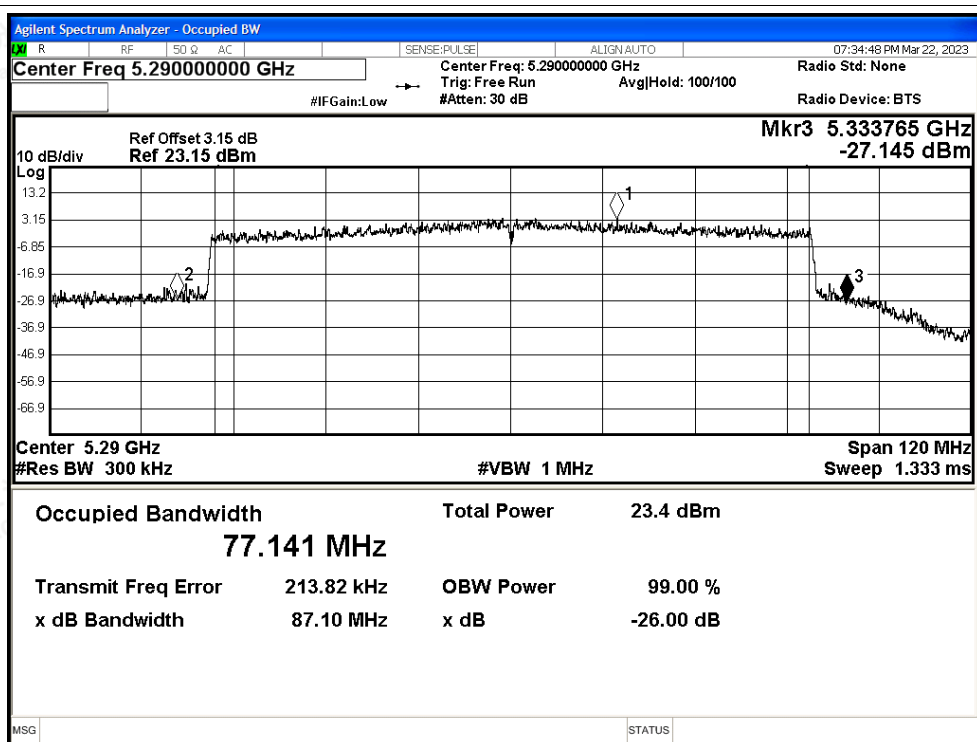




-26dB Bandwidth NVNT ax40 5310MHz Ant0

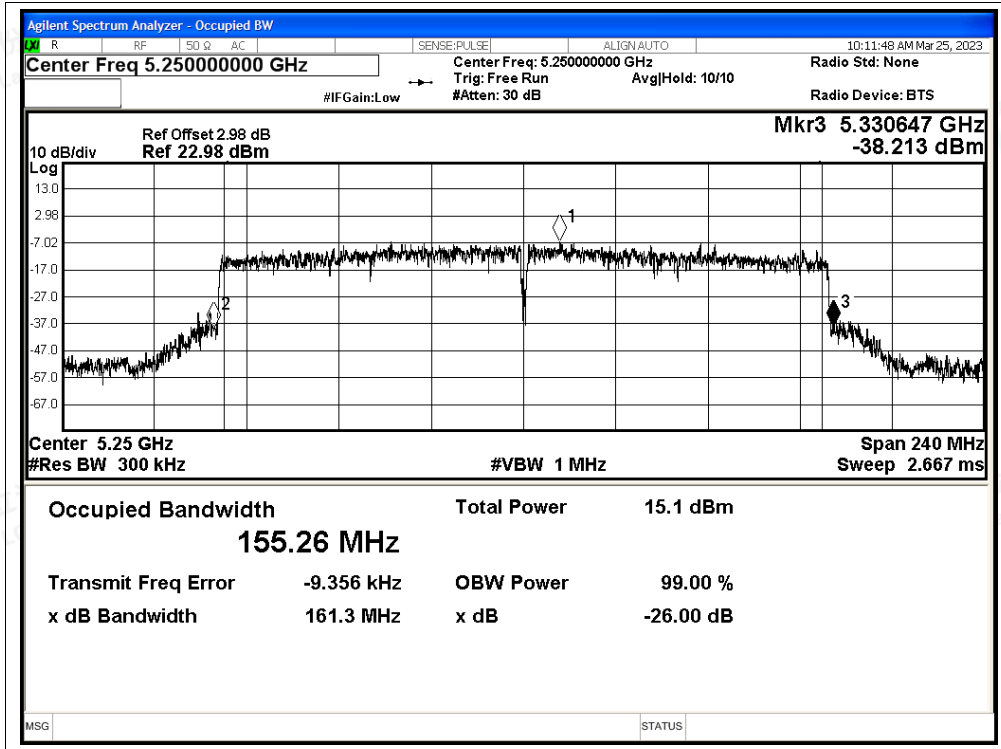


-26dB Bandwidth NVNT ax80 5290MHz Ant0



-26dB Bandwidth NVNT ax160 5250MHz Ant0





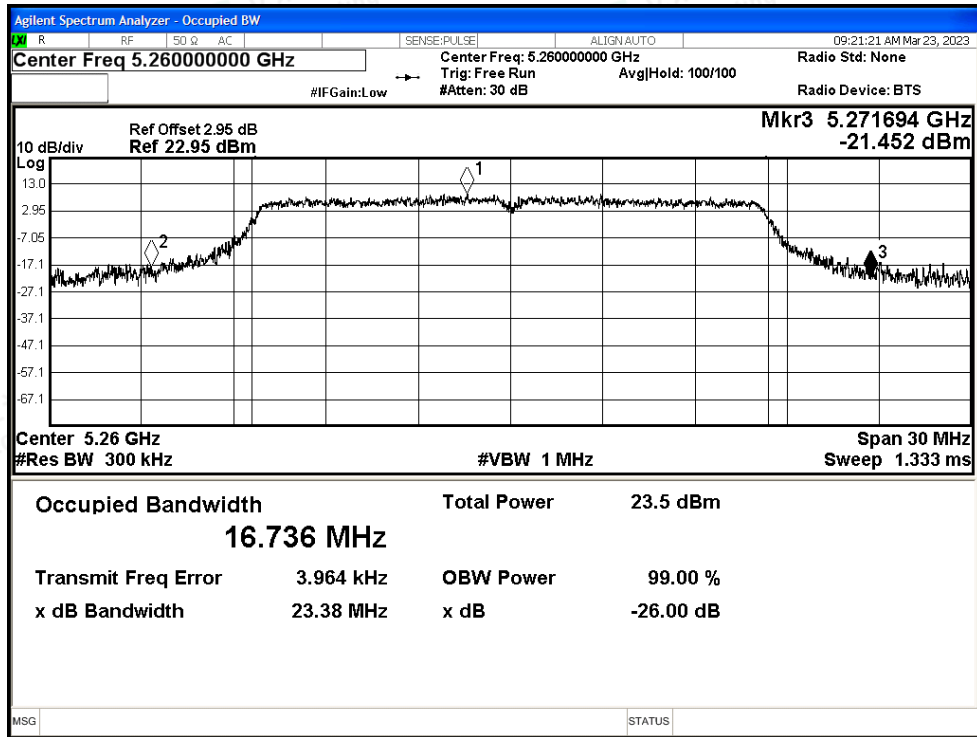
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT | a | 5260 | Ant1 | 23.38 | >=0.5 | Pass |
| NVNT | a | 5300 | Ant1 | 26.556 | >=0.5 | Pass |
| NVNT | a | 5320 | Ant1 | 28.189 | >=0.5 | Pass |
| NVNT | n20 | 5260 | Ant1 | 22.593 | >=0.5 | Pass |
| NVNT | n20 | 5300 | Ant1 | 28.487 | >=0.5 | Pass |
| NVNT | n20 | 5320 | Ant1 | 28.393 | >=0.5 | Pass |
| NVNT | n40 | 5270 | Ant1 | 40.003 | >=0.5 | Pass |
| NVNT | n40 | 5310 | Ant1 | 47.252 | >=0.5 | Pass |
| NVNT | ac20 | 5260 | Ant1 | 26.872 | >=0.5 | Pass |
| NVNT | ac20 | 5300 | Ant1 | 28.462 | >=0.5 | Pass |
| NVNT | ac20 | 5320 | Ant1 | 27.156 | >=0.5 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 40.462 | >=0.5 | Pass |
| NVNT | ac40 | 5310 | Ant1 | 55.649 | >=0.5 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 100.391 | >=0.5 | Pass |
| NVNT | ac160 | 5250 | Ant1 | 171.918 | >=0.5 | Pass |
| NVNT | ax20 | 5260 | Ant1 | 24.492 | >=0.5 | Pass |
| NVNT | ax20 | 5300 | Ant1 | 25.647 | >=0.5 | Pass |
| NVNT | ax20 | 5320 | Ant1 | 26.54 | >=0.5 | Pass |
| NVNT | ax40 | 5270 | Ant1 | 39.179 | >=0.5 | Pass |
| NVNT | ax40 | 5310 | Ant1 | 48.151 | >=0.5 | Pass |
| NVNT | ax80 | 5290 | Ant1 | 80.426 | >=0.5 | Pass |
| NVNT | ax160 | 5250 | Ant1 | 162.143 | >=0.5 | Pass |



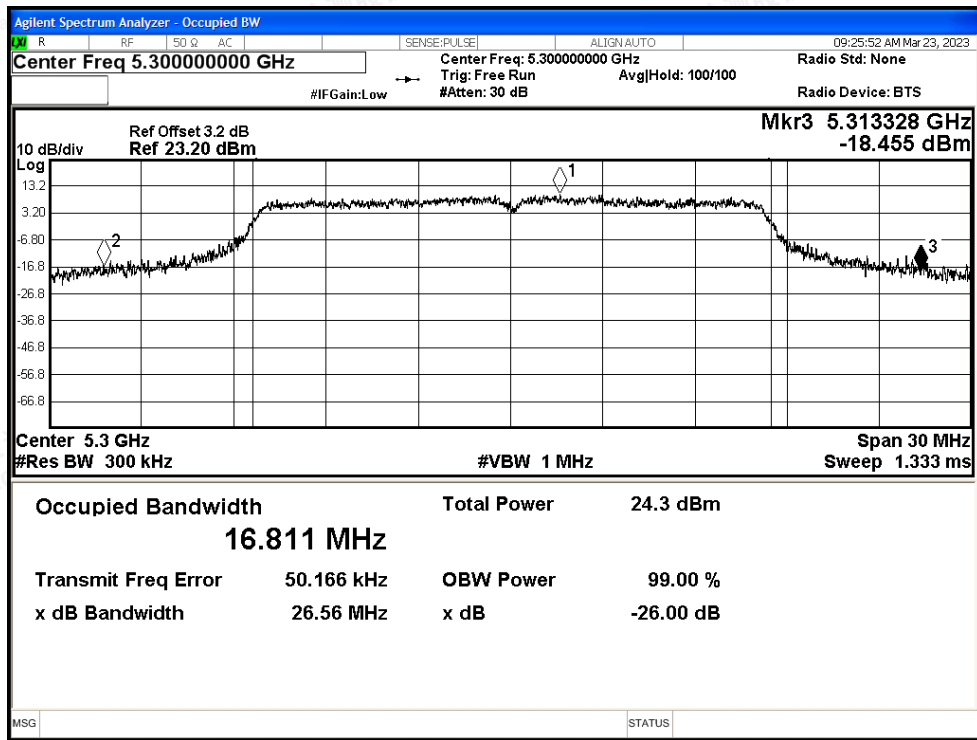


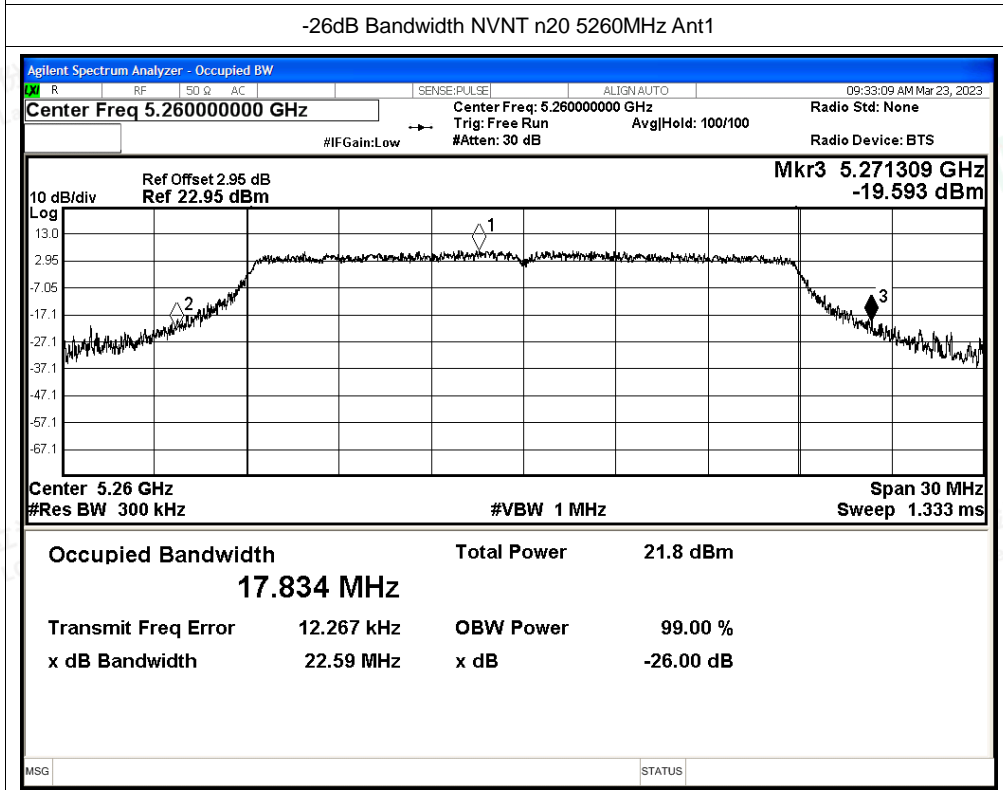
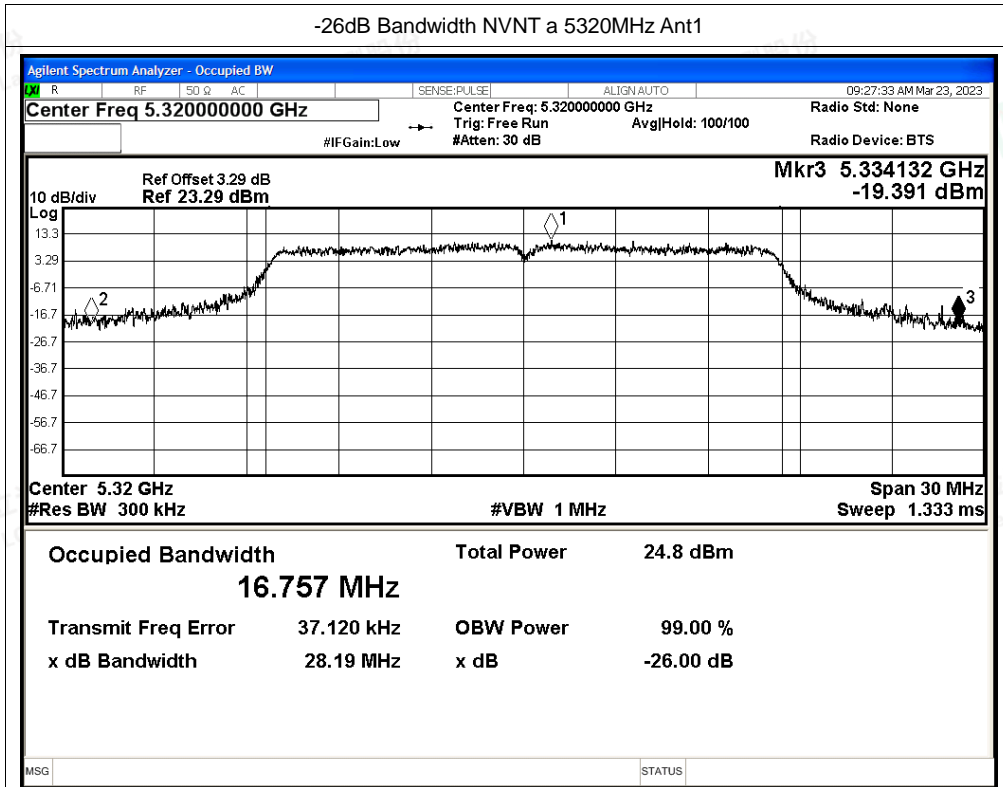
Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1



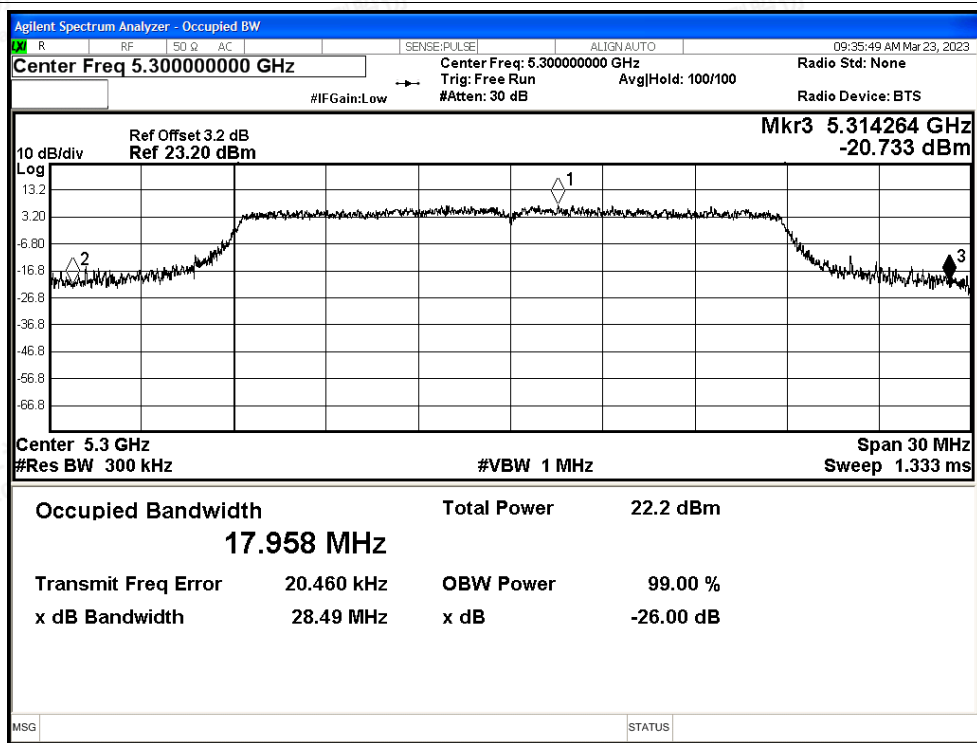
-26dB Bandwidth NVNT a 5300MHz Ant1



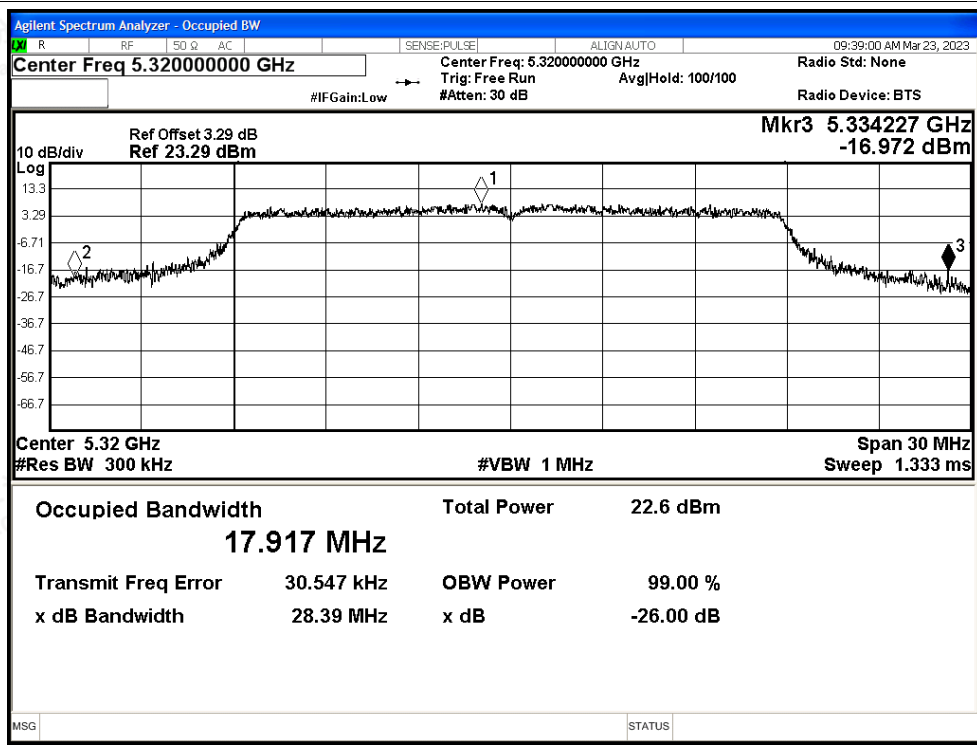


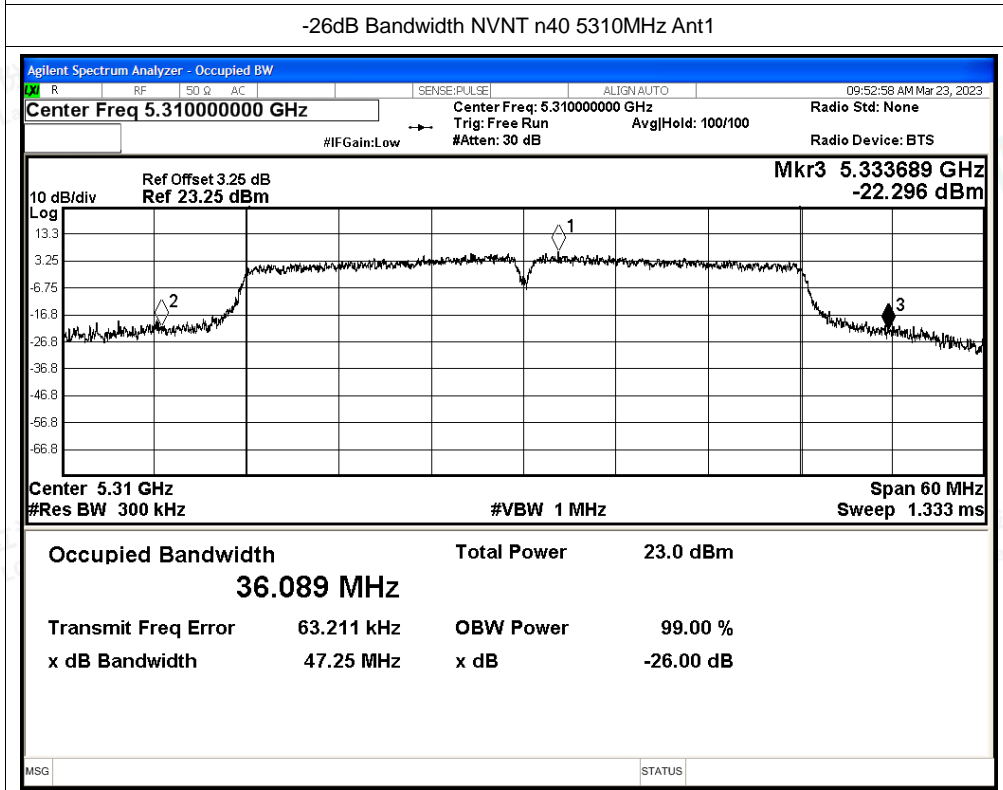
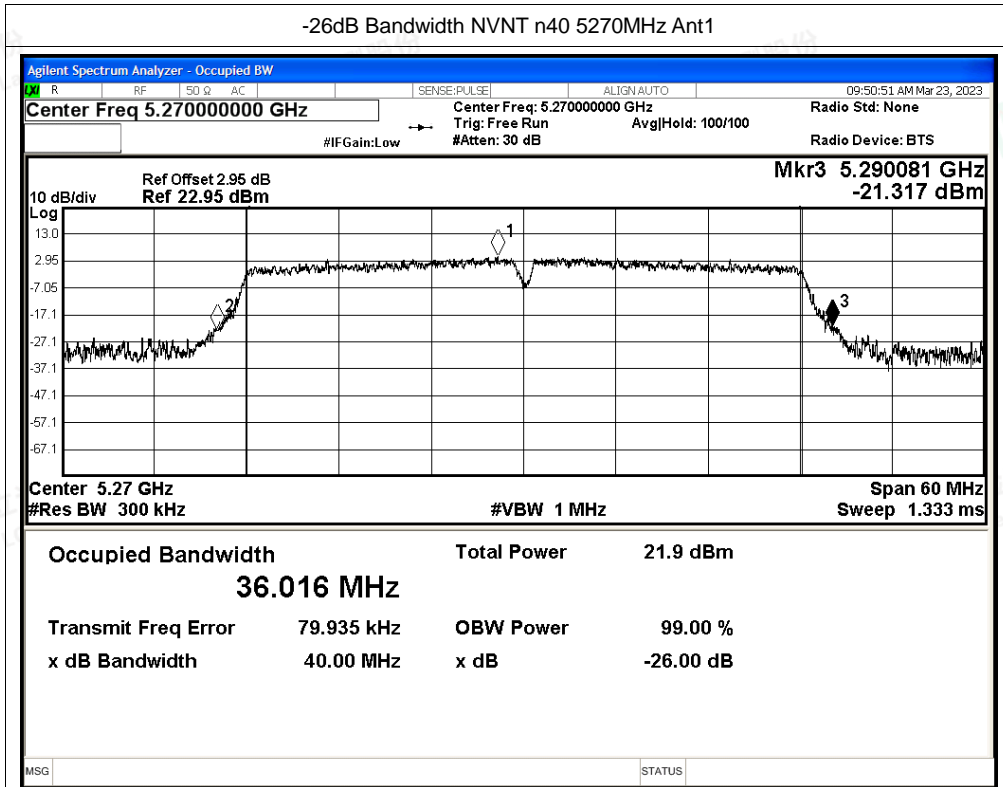


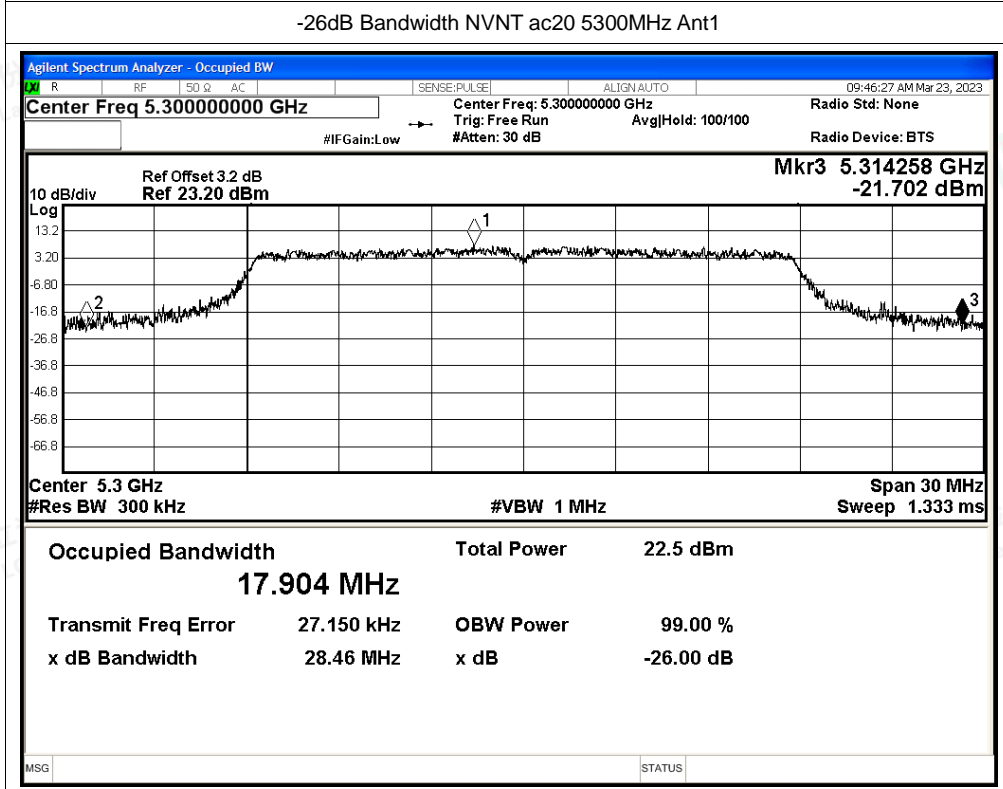
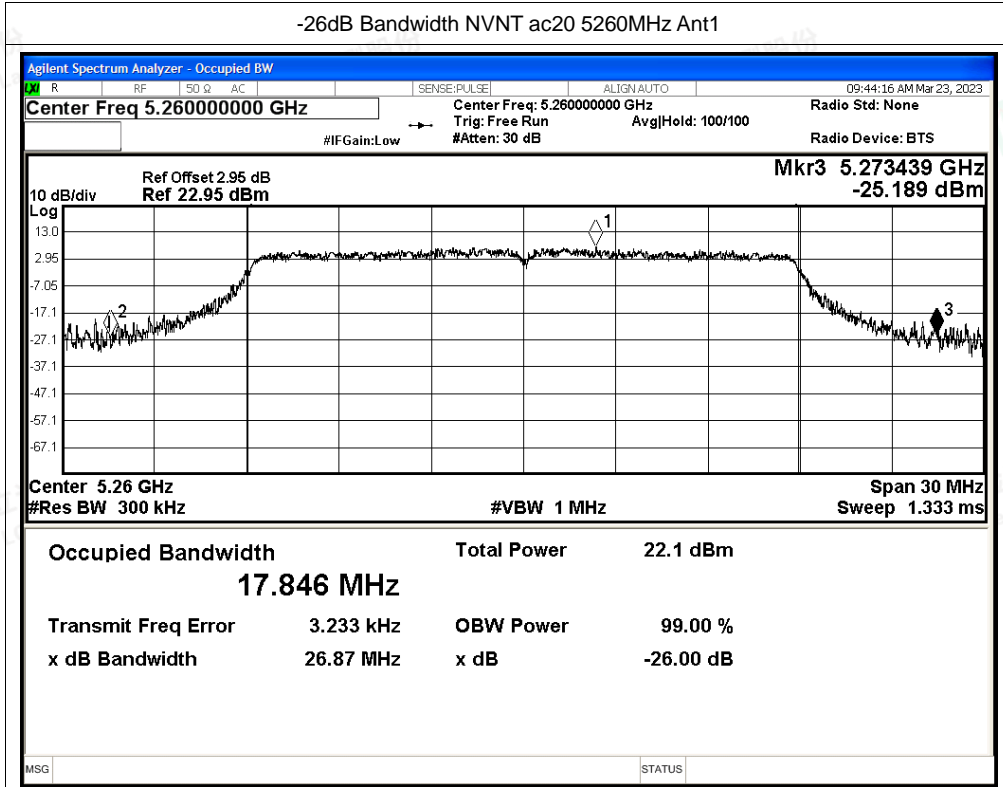
-26dB Bandwidth NVNT n20 5300MHz Ant1

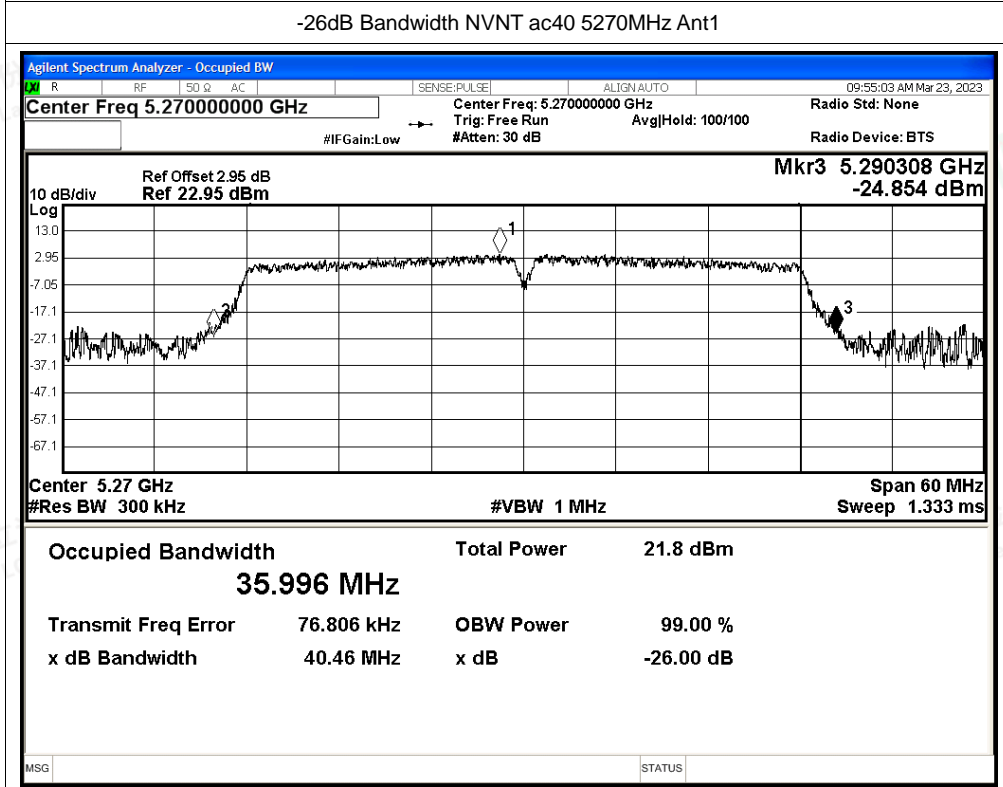
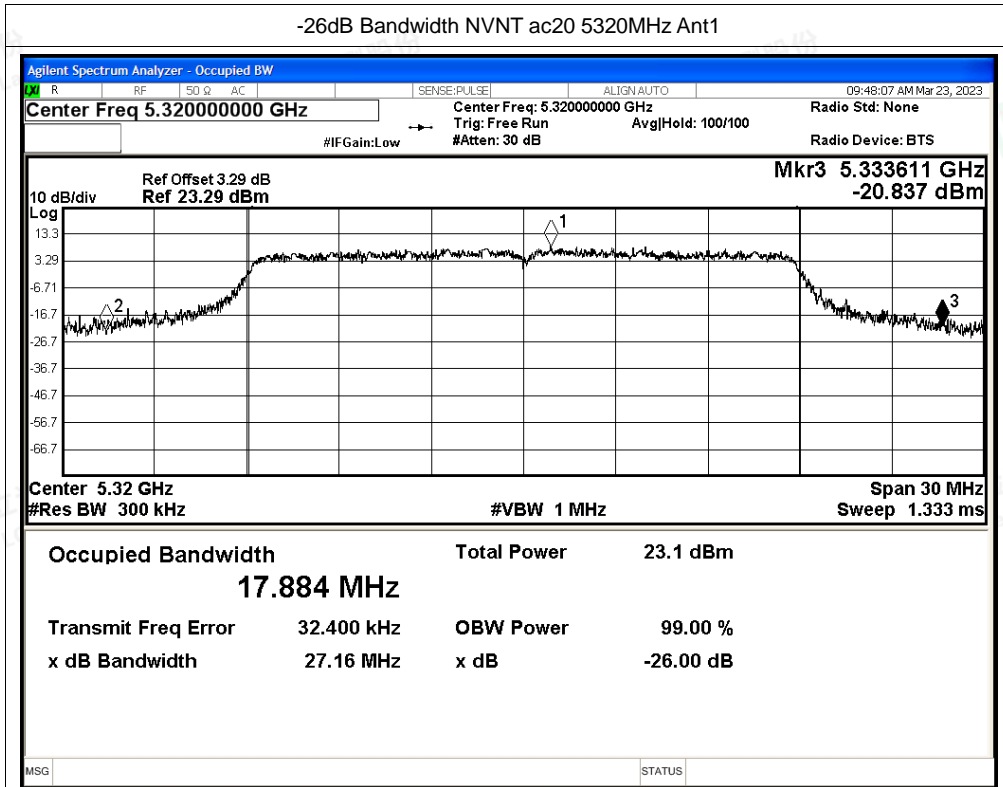


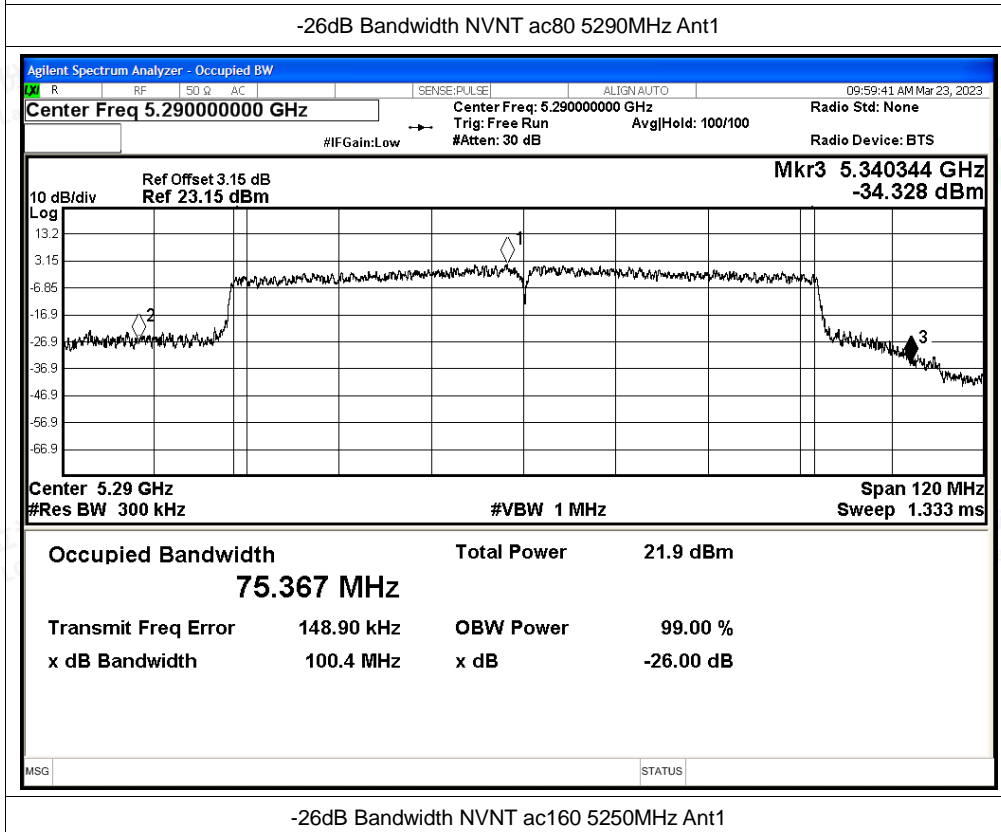
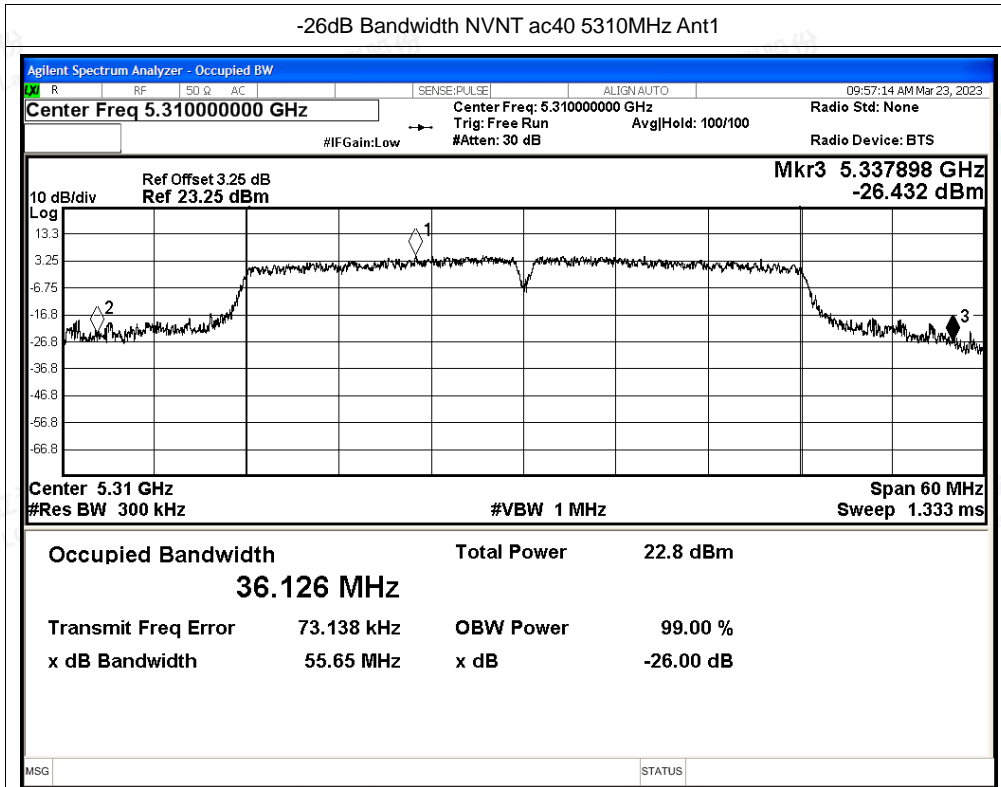
-26dB Bandwidth NVNT n20 5320MHz Ant1





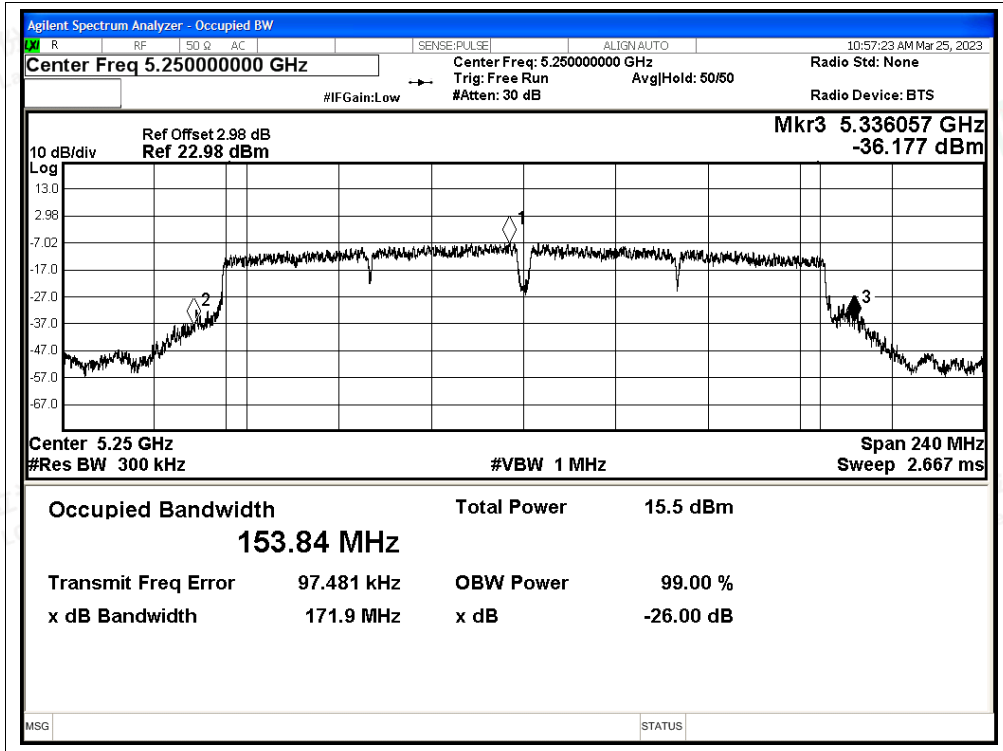






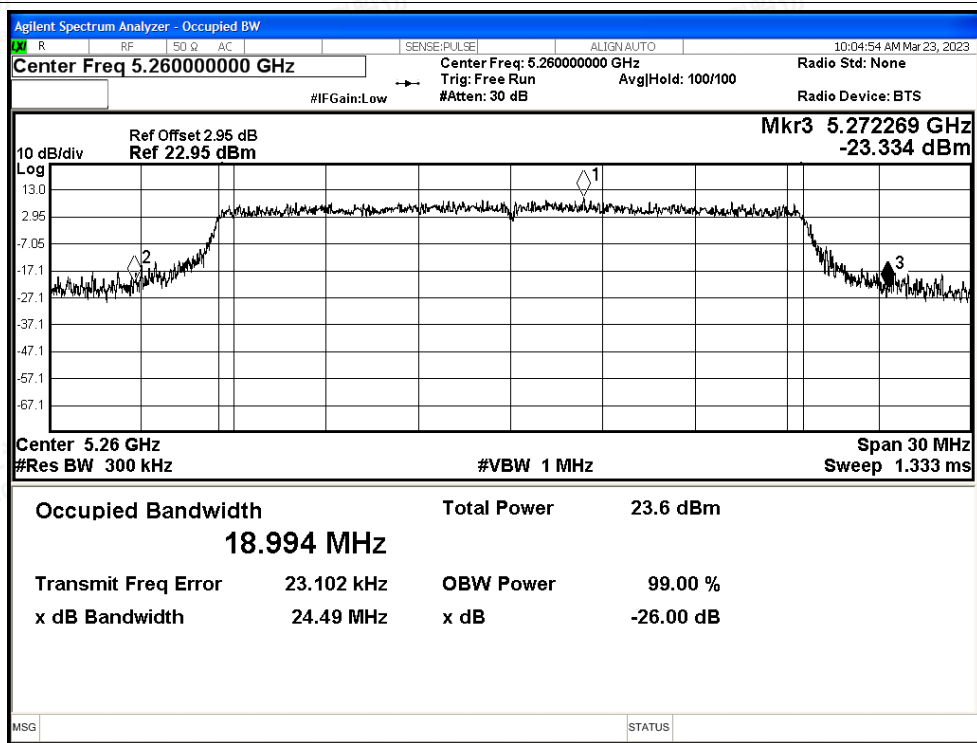
-26dB Bandwidth NVNT ac160 5250MHz Ant1



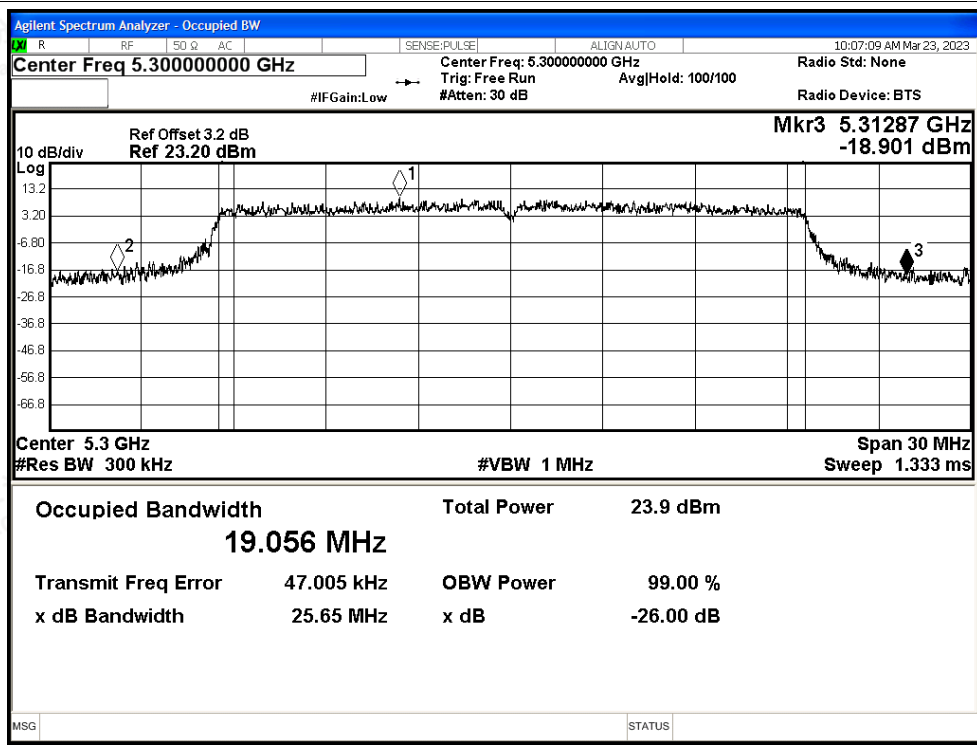


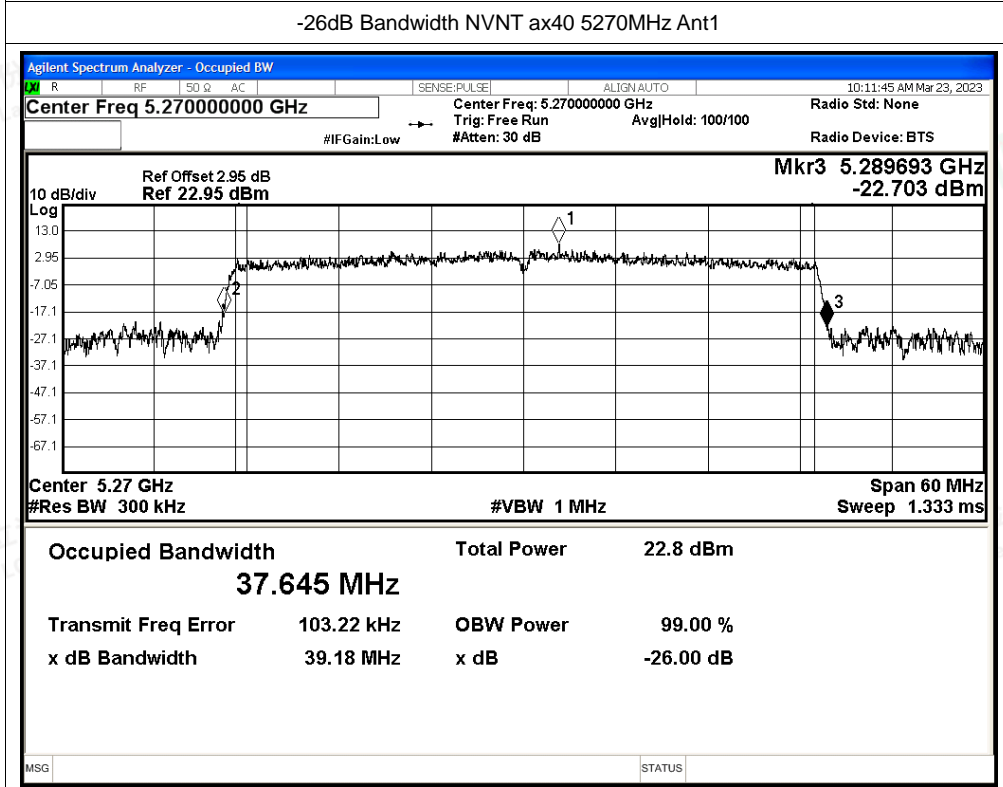
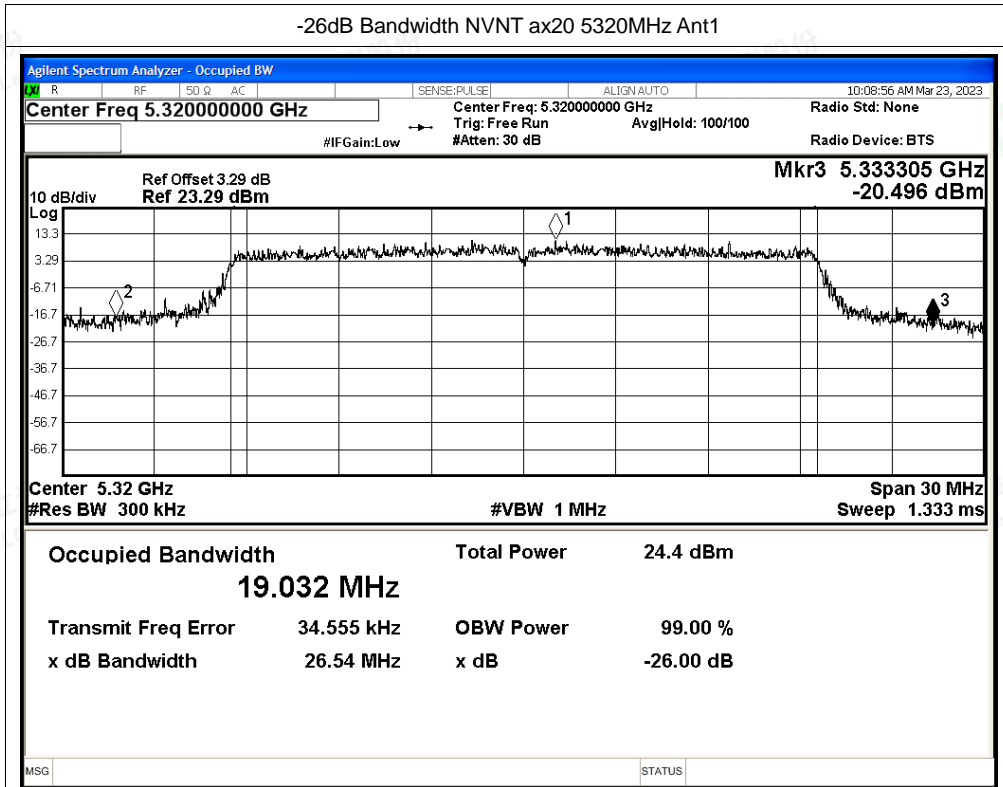


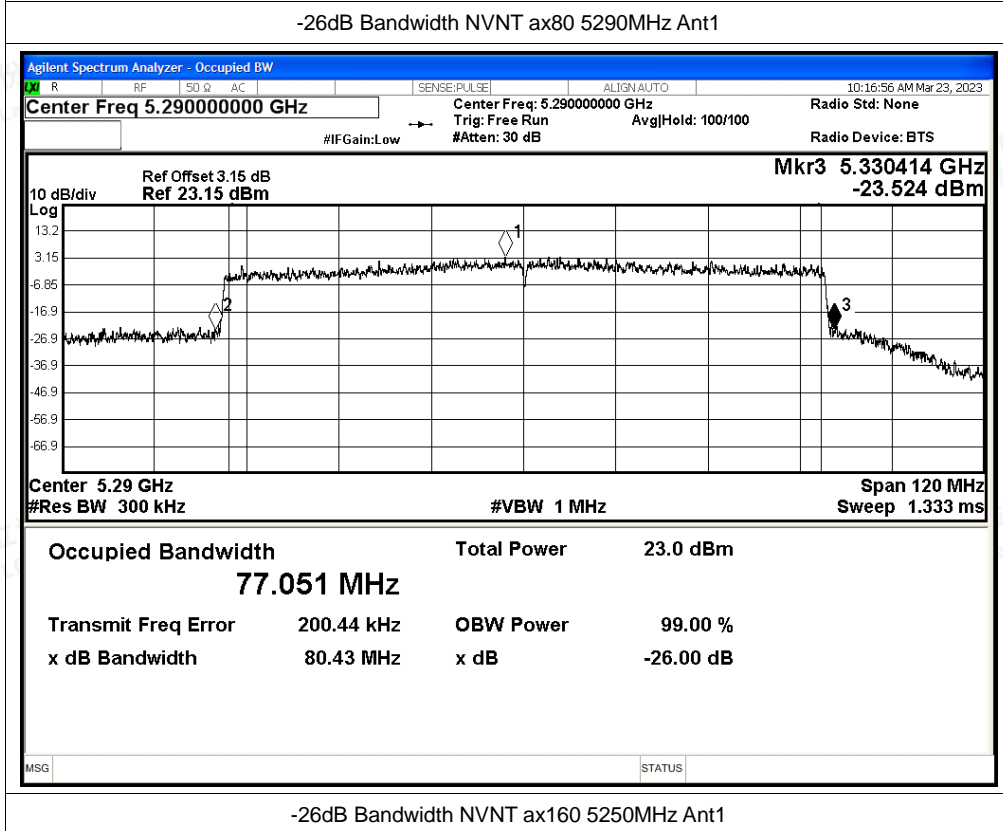
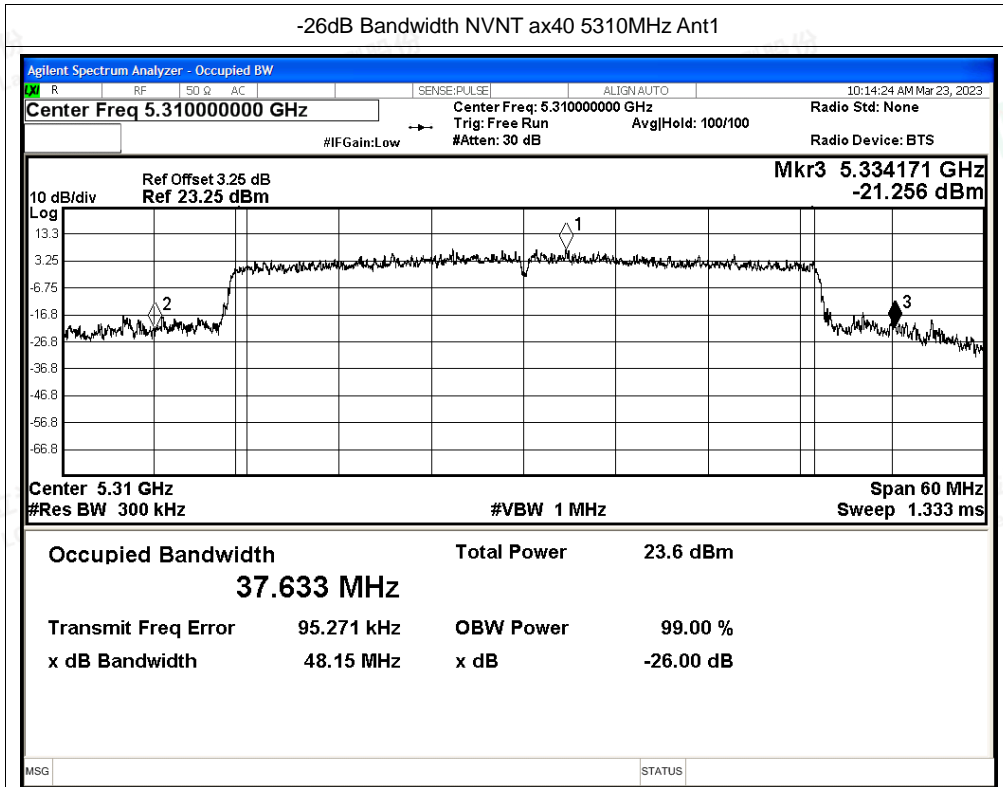
-26dB Bandwidth NVNT ax20 5260MHz Ant1



-26dB Bandwidth NVNT ax20 5300MHz Ant1

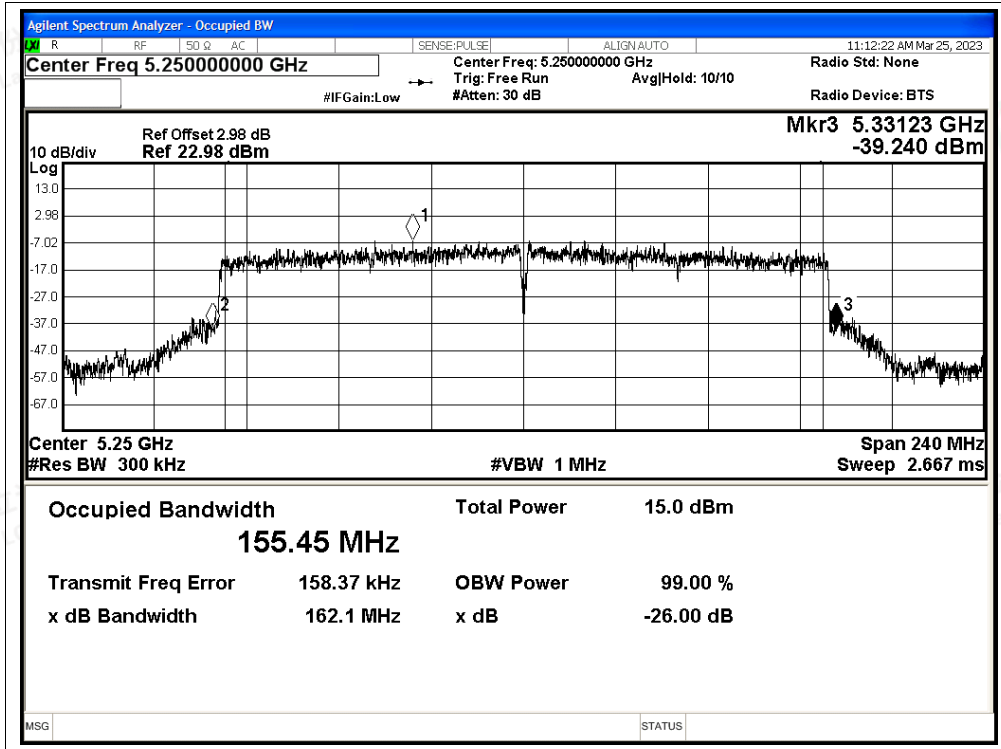






-26dB Bandwidth NVNT ax160 5250MHz Ant1





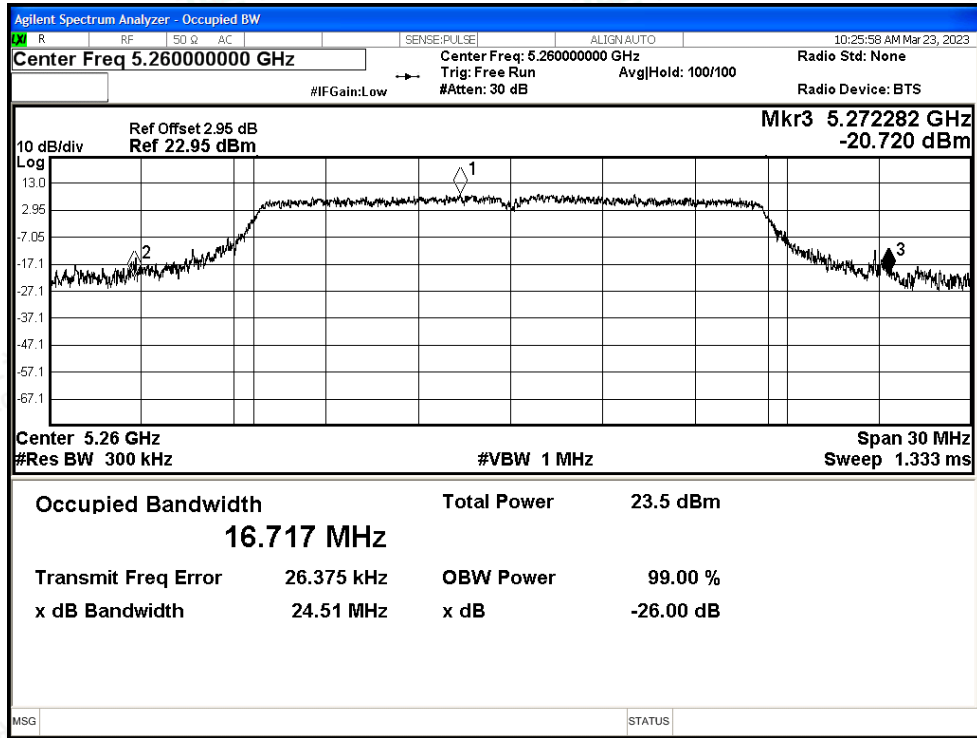
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT | a | 5260 | Ant2 | 24.51 | >=0.5 | Pass |
| NVNT | a | 5300 | Ant2 | 27.515 | >=0.5 | Pass |
| NVNT | a | 5320 | Ant2 | 25.924 | >=0.5 | Pass |
| NVNT | n20 | 5260 | Ant2 | 21.846 | >=0.5 | Pass |
| NVNT | n20 | 5300 | Ant2 | 28.858 | >=0.5 | Pass |
| NVNT | n20 | 5320 | Ant2 | 26.988 | >=0.5 | Pass |
| NVNT | n40 | 5270 | Ant2 | 39.486 | >=0.5 | Pass |
| NVNT | n40 | 5310 | Ant2 | 44.085 | >=0.5 | Pass |
| NVNT | ac20 | 5260 | Ant2 | 27.568 | >=0.5 | Pass |
| NVNT | ac20 | 5300 | Ant2 | 28.386 | >=0.5 | Pass |
| NVNT | ac20 | 5320 | Ant2 | 27.598 | >=0.5 | Pass |
| NVNT | ac40 | 5270 | Ant2 | 40.216 | >=0.5 | Pass |
| NVNT | ac40 | 5310 | Ant2 | 50.423 | >=0.5 | Pass |
| NVNT | ac80 | 5290 | Ant2 | 101.8 | >=0.5 | Pass |
| NVNT | ac160 | 5250 | Ant2 | 171.427 | >=0.5 | Pass |
| NVNT | ax20 | 5260 | Ant2 | 22.613 | >=0.5 | Pass |
| NVNT | ax20 | 5300 | Ant2 | 29.479 | >=0.5 | Pass |
| NVNT | ax20 | 5320 | Ant2 | 27.225 | >=0.5 | Pass |
| NVNT | ax40 | 5270 | Ant2 | 44.98 | >=0.5 | Pass |
| NVNT | ax40 | 5310 | Ant2 | 40.204 | >=0.5 | Pass |
| NVNT | ax80 | 5290 | Ant2 | 88.418 | >=0.5 | Pass |
| NVNT | ax160 | 5250 | Ant2 | 159.01 | >=0.5 | Pass |



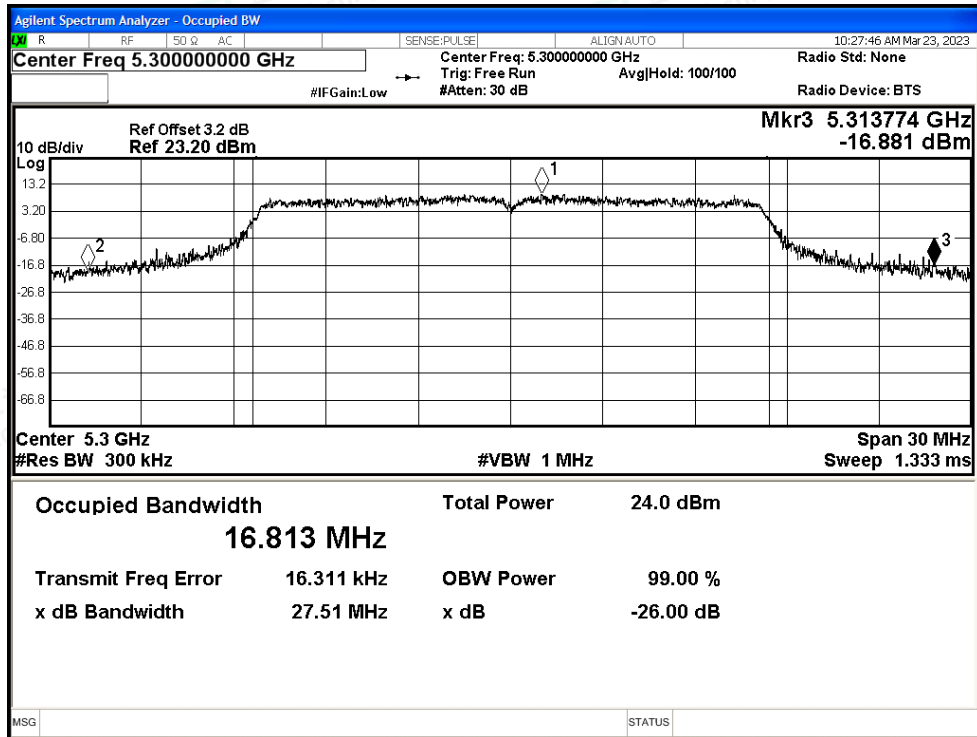


Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant2

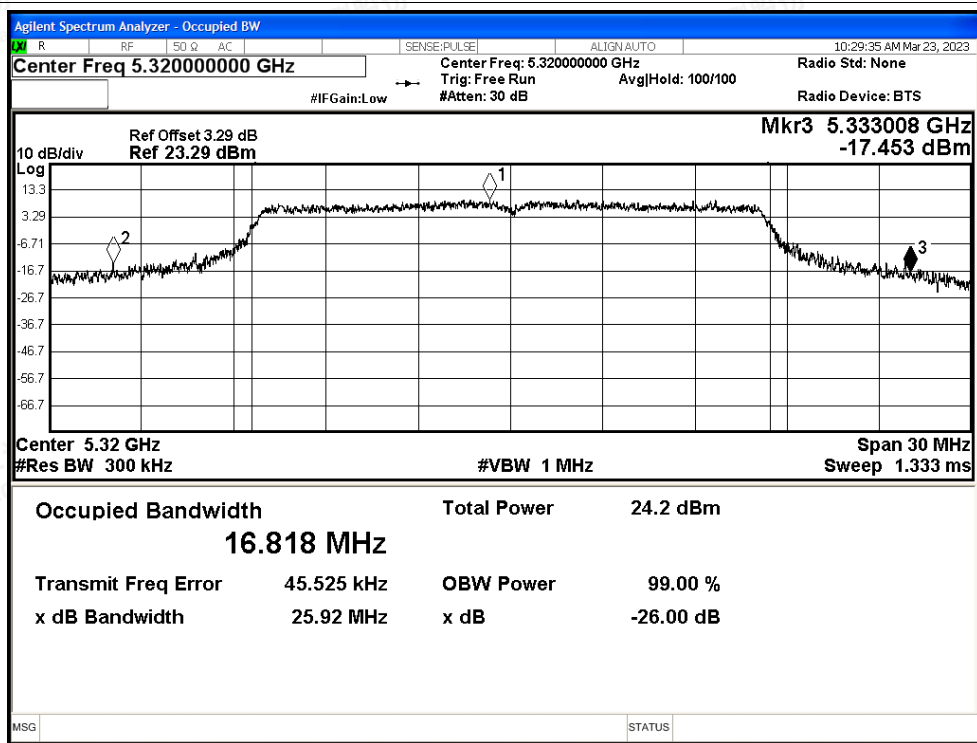


-26dB Bandwidth NVNT a 5300MHz Ant2

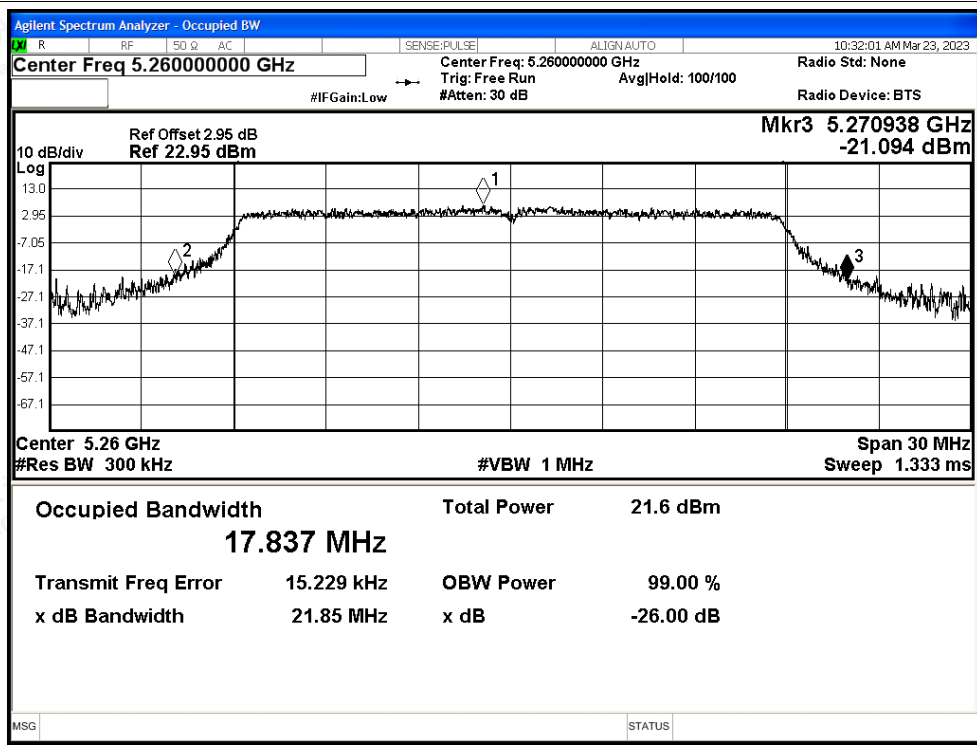




-26dB Bandwidth NVNT a 5320MHz Ant2

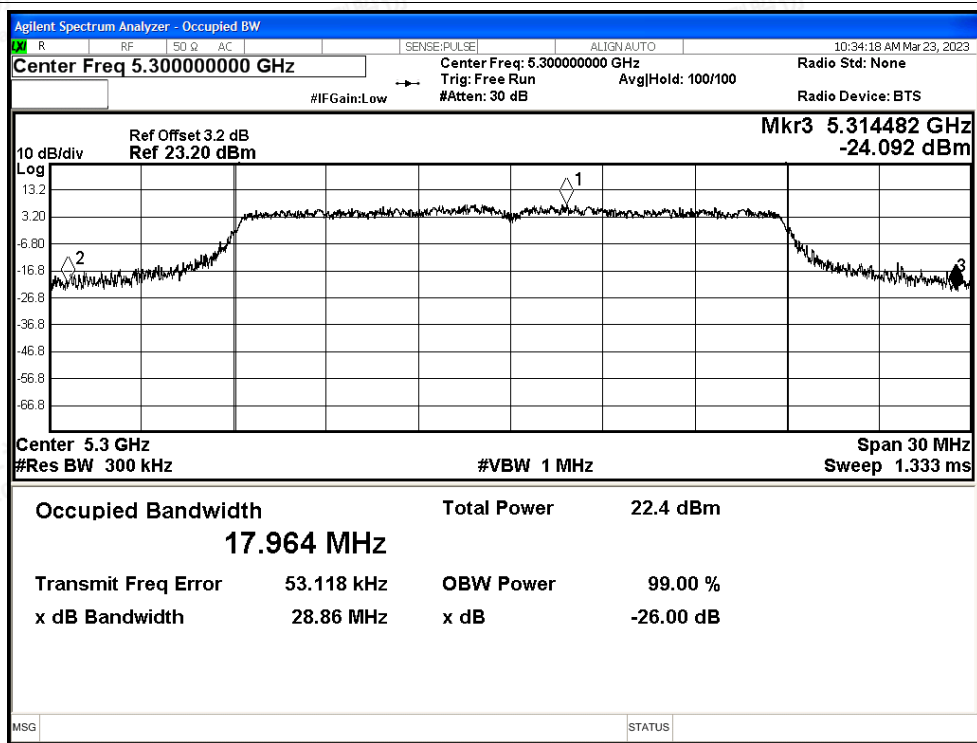


-26dB Bandwidth NVNT n20 5260MHz Ant2

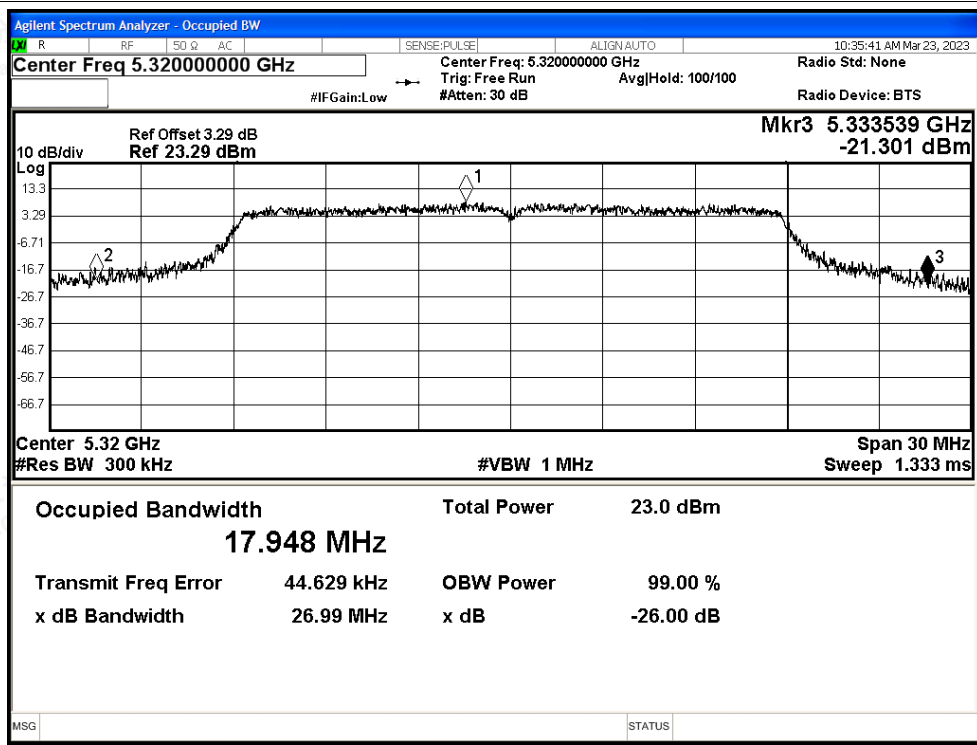




-26dB Bandwidth NVNT n20 5300MHz Ant2

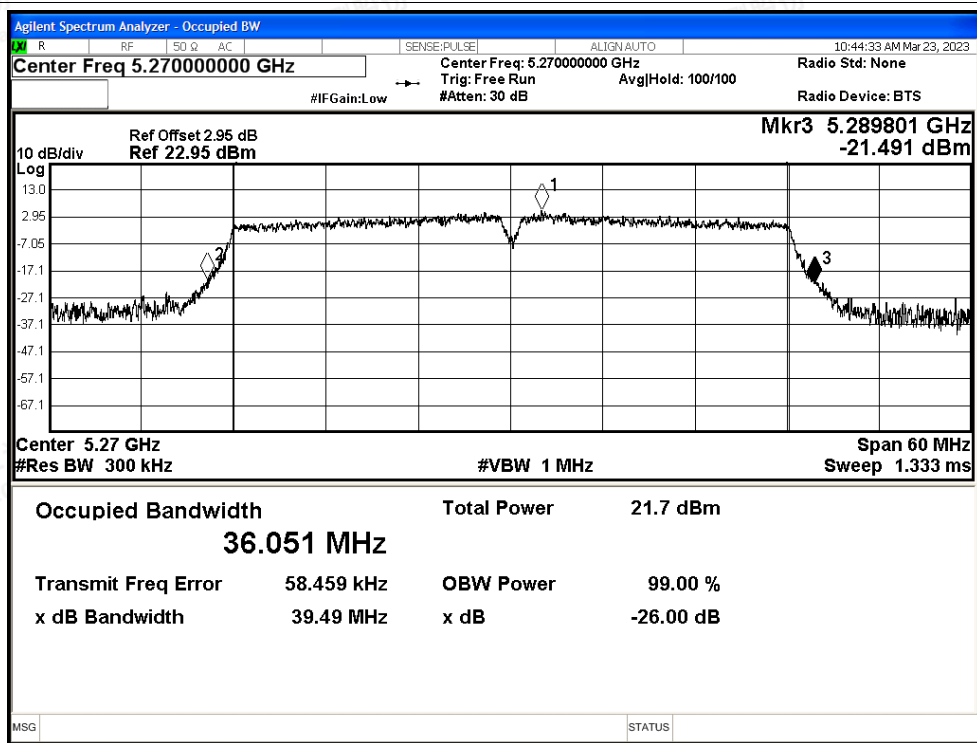


-26dB Bandwidth NVNT n20 5320MHz Ant2

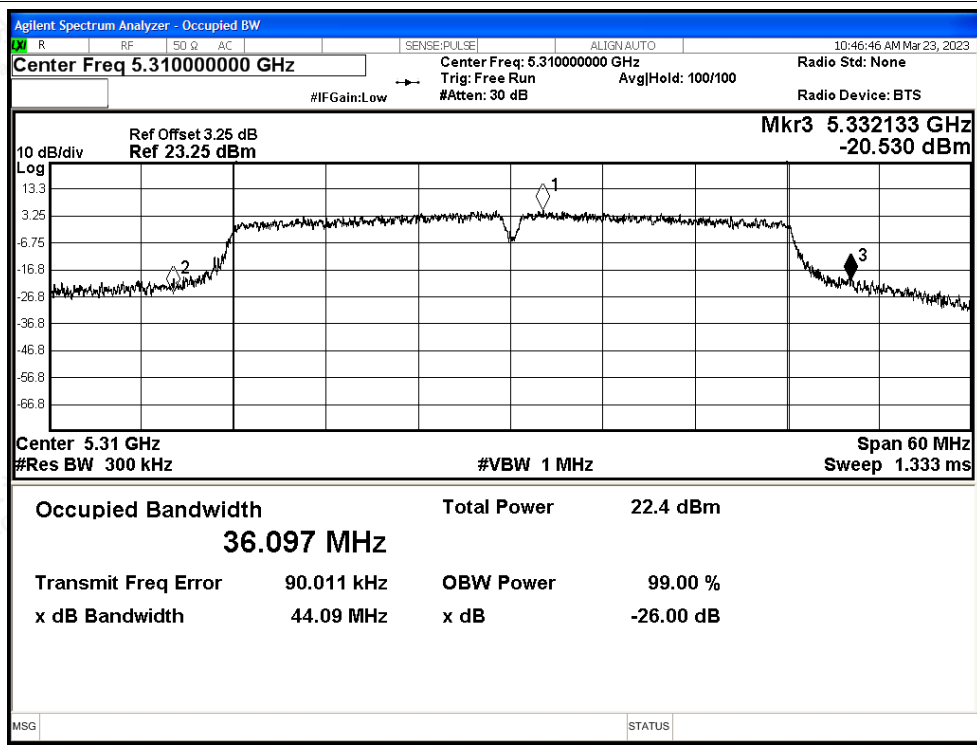




-26dB Bandwidth NVNT n40 5270MHz Ant2

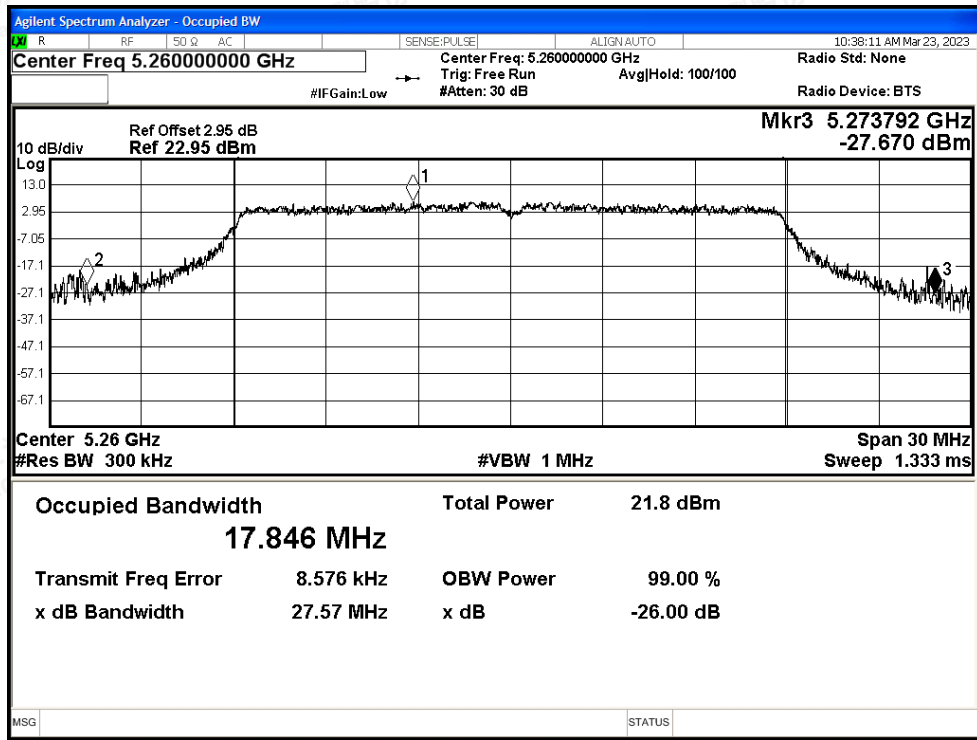


-26dB Bandwidth NVNT n40 5310MHz Ant2

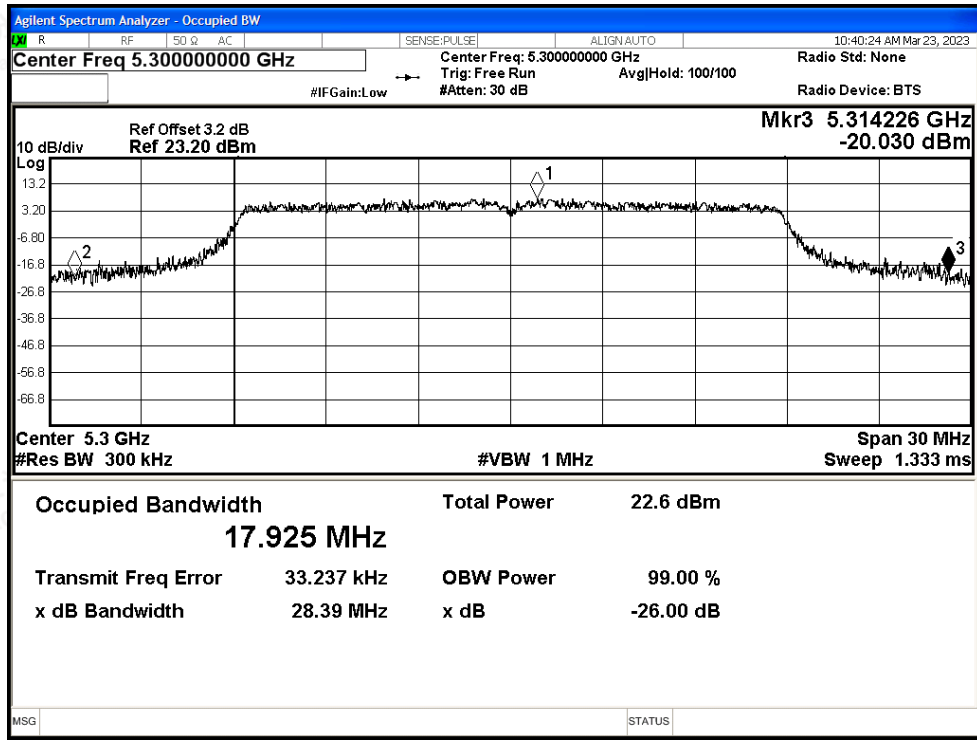


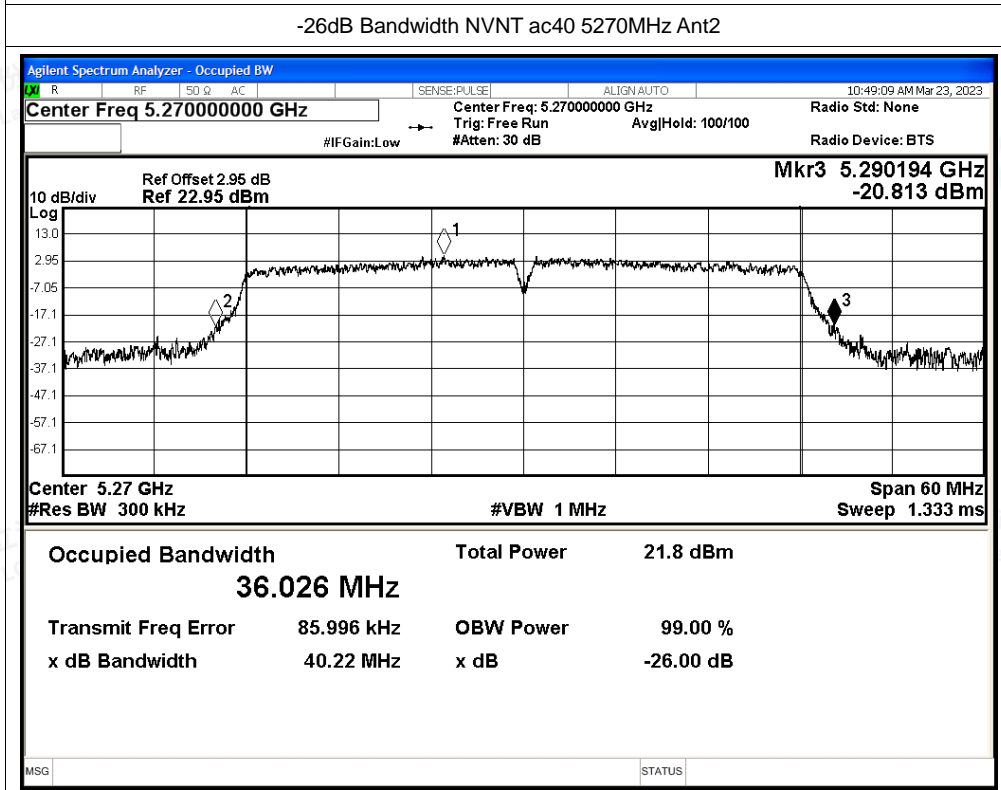
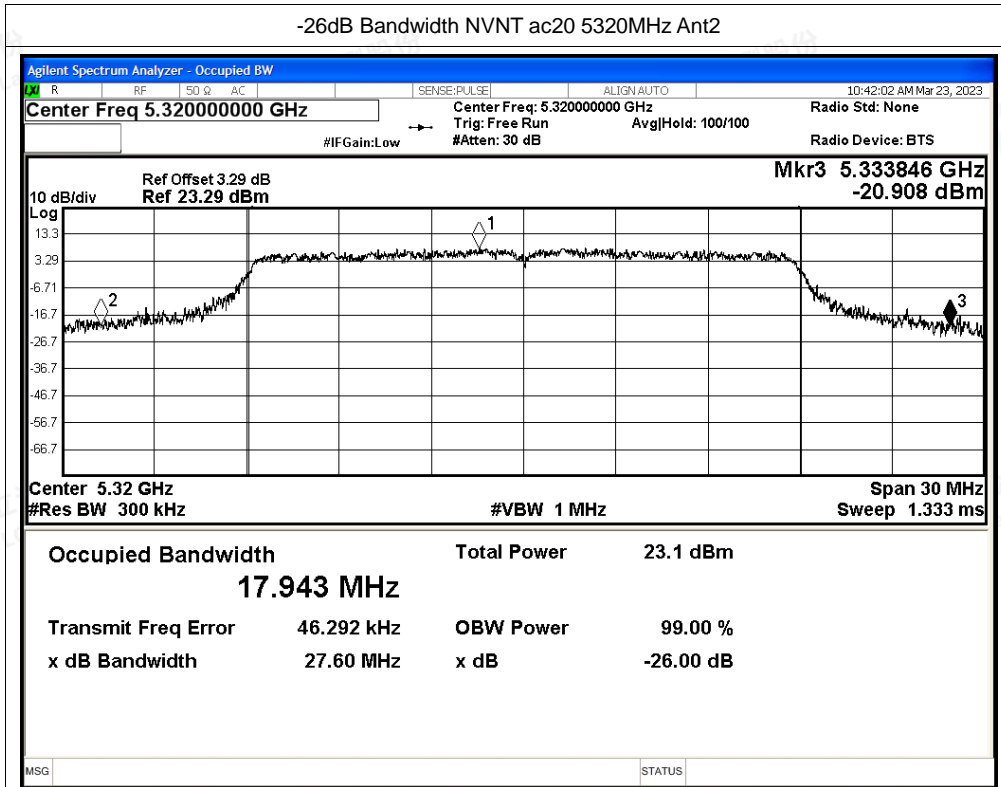


-26dB Bandwidth NVNT ac20 5260MHz Ant2



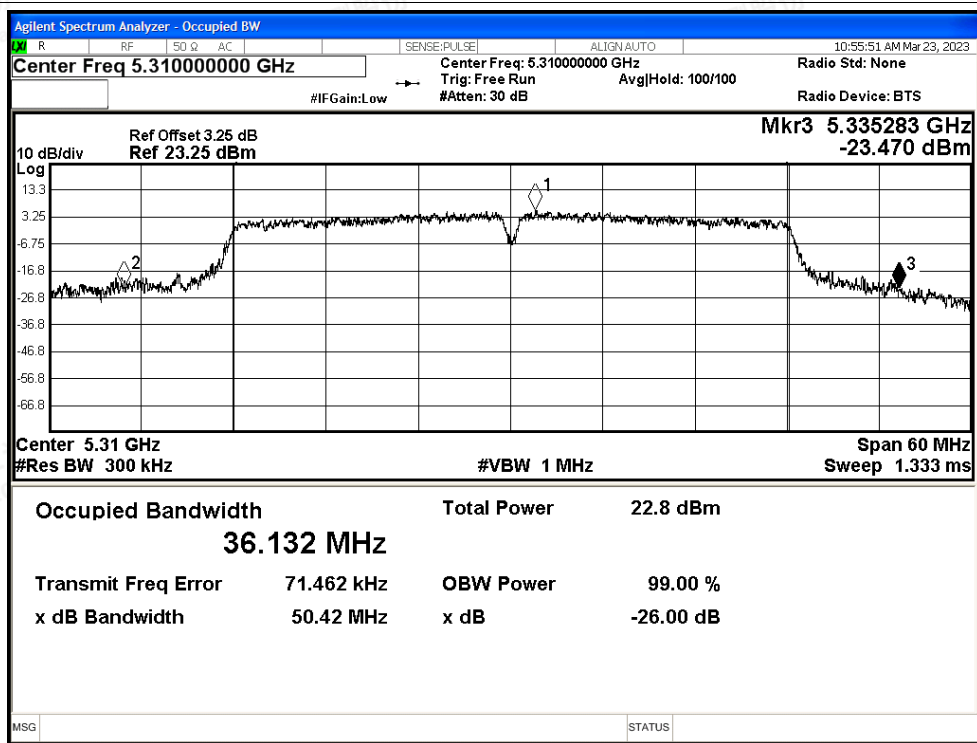
-26dB Bandwidth NVNT ac20 5300MHz Ant2



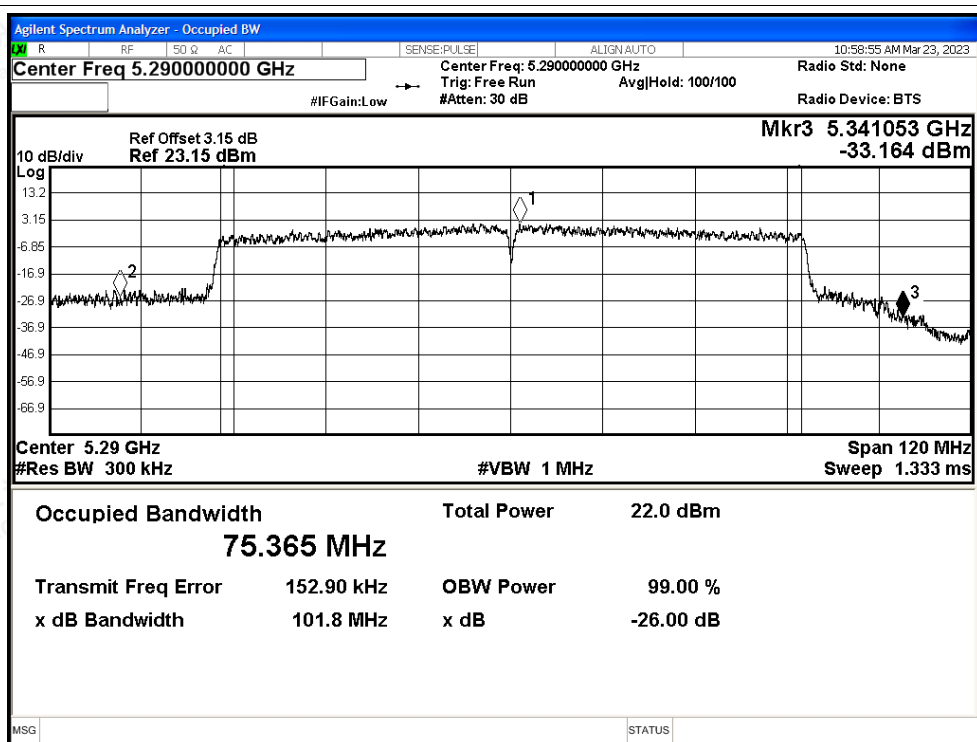




-26dB Bandwidth NVNT ac40 5310MHz Ant2

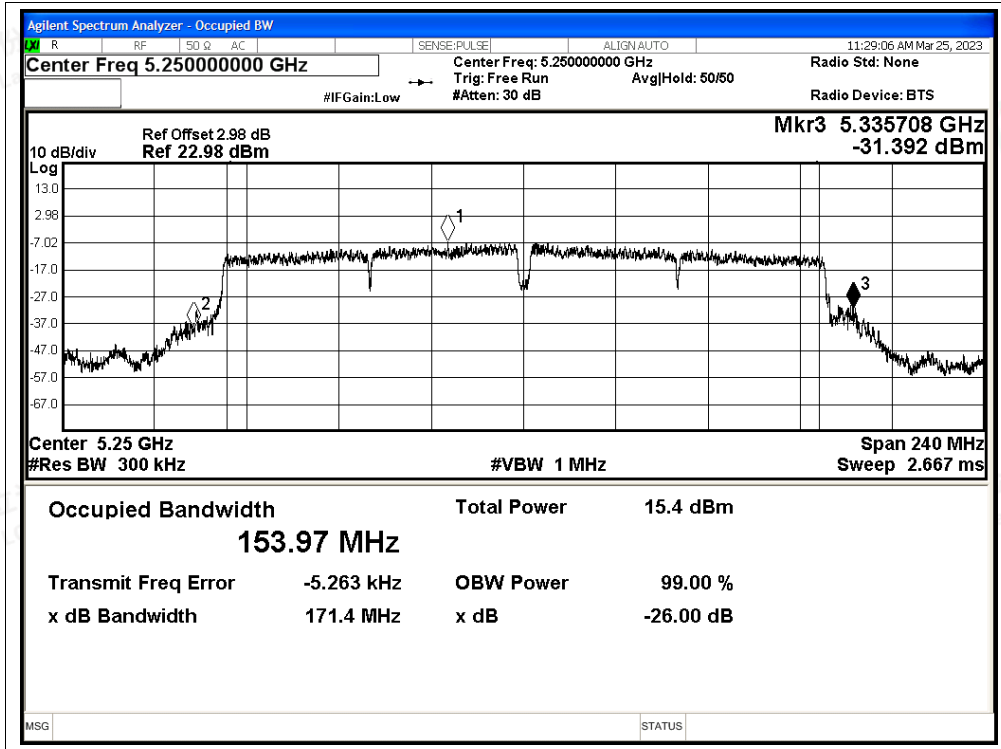


-26dB Bandwidth NVNT ac80 5290MHz Ant2



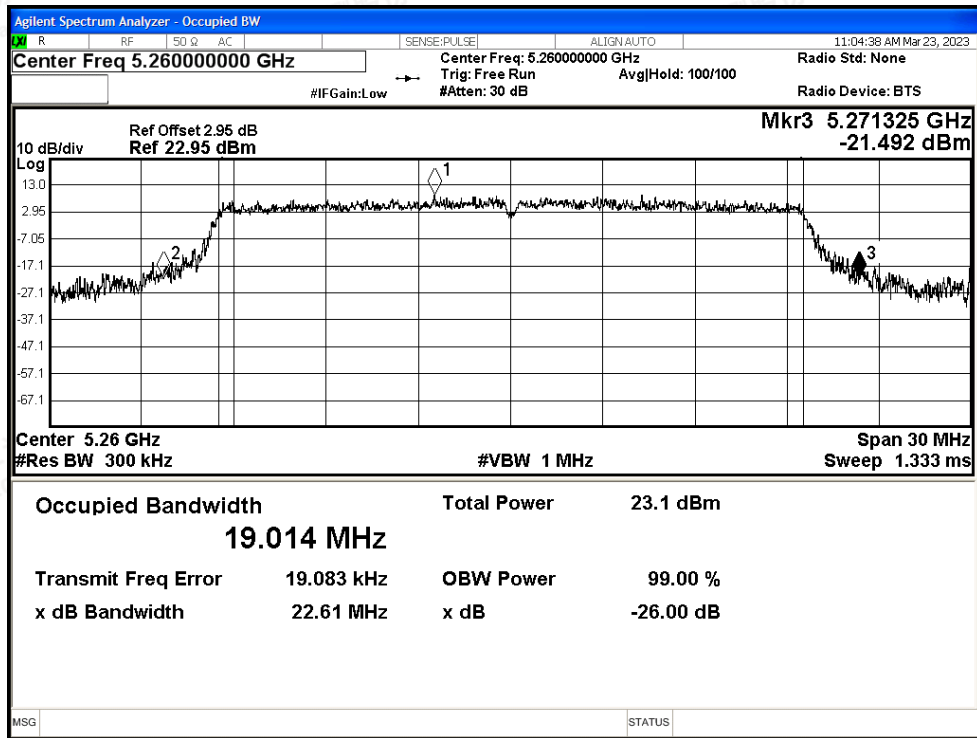
-26dB Bandwidth NVNT ac160 5250MHz Ant2



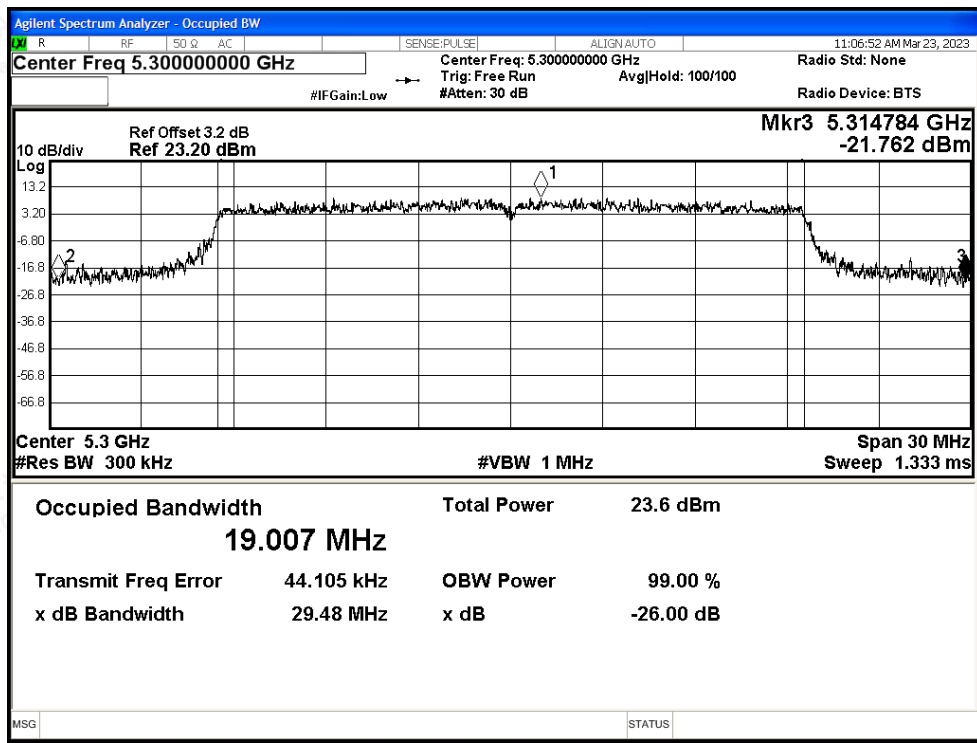




-26dB Bandwidth NVNT ax20 5260MHz Ant2

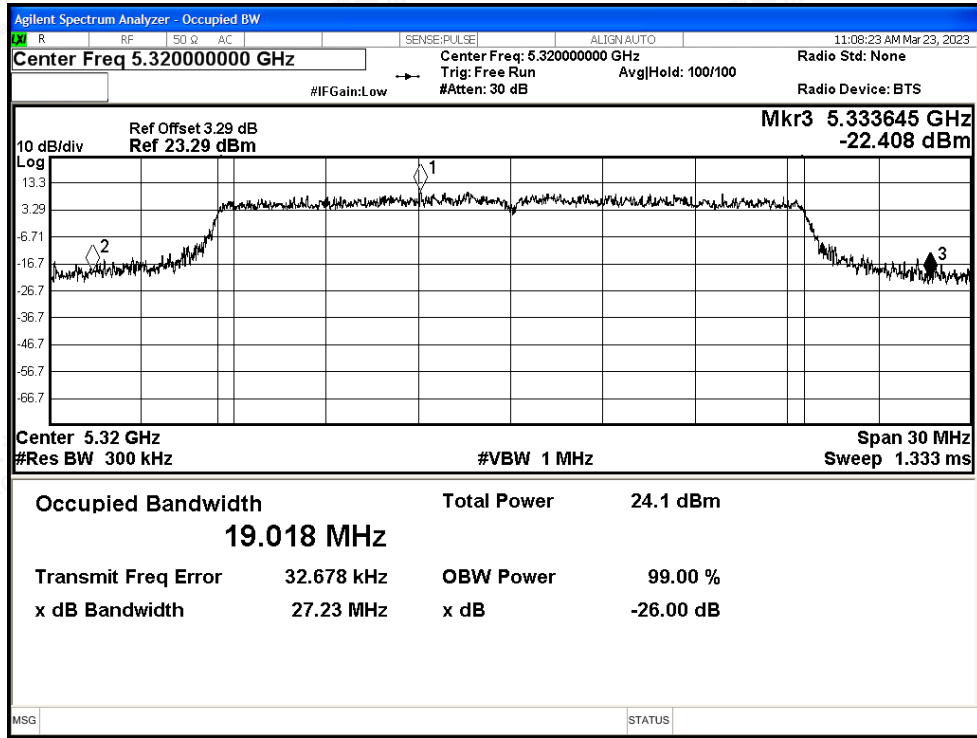


-26dB Bandwidth NVNT ax20 5300MHz Ant2

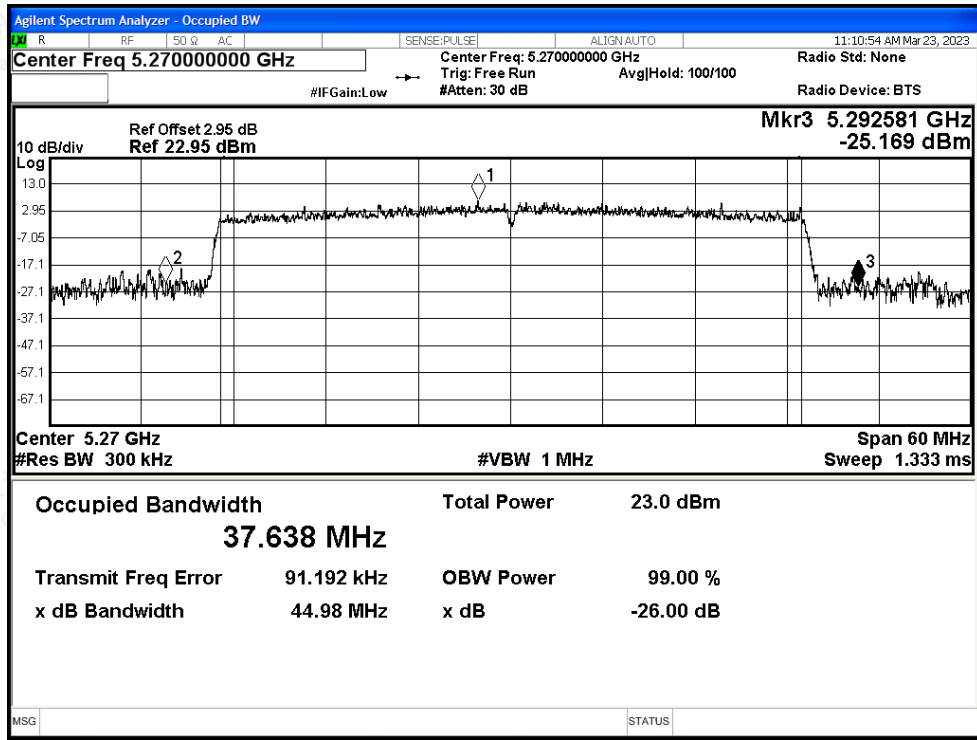


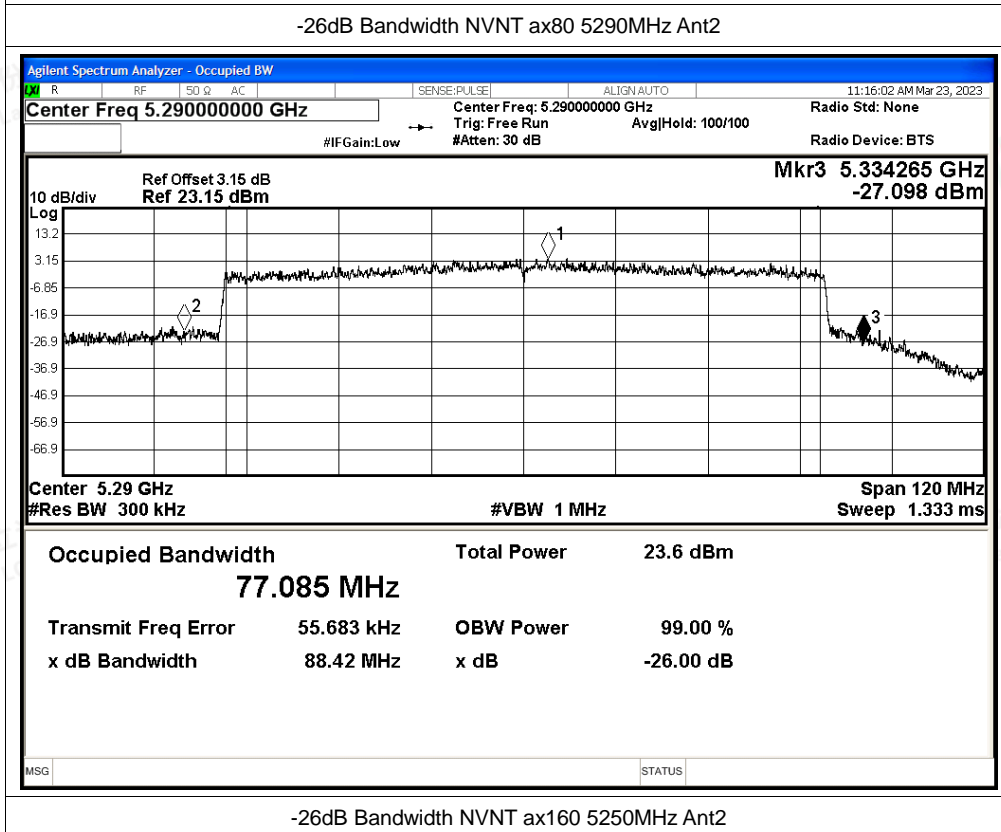
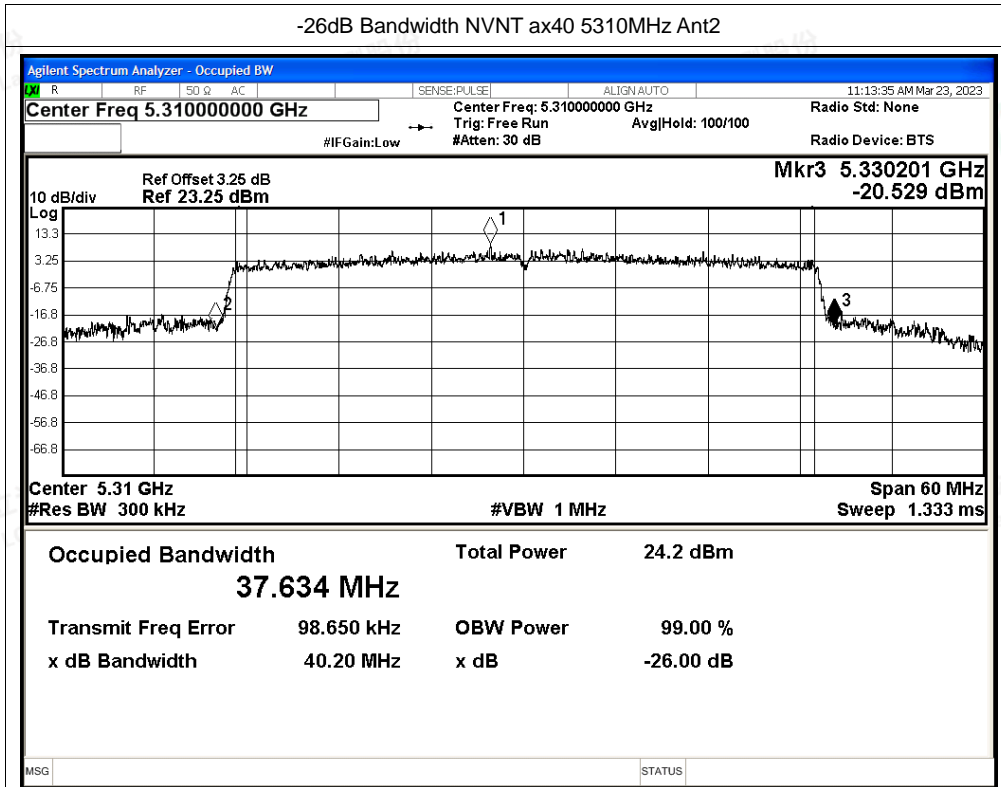


-26dB Bandwidth NVNT ax20 5320MHz Ant2



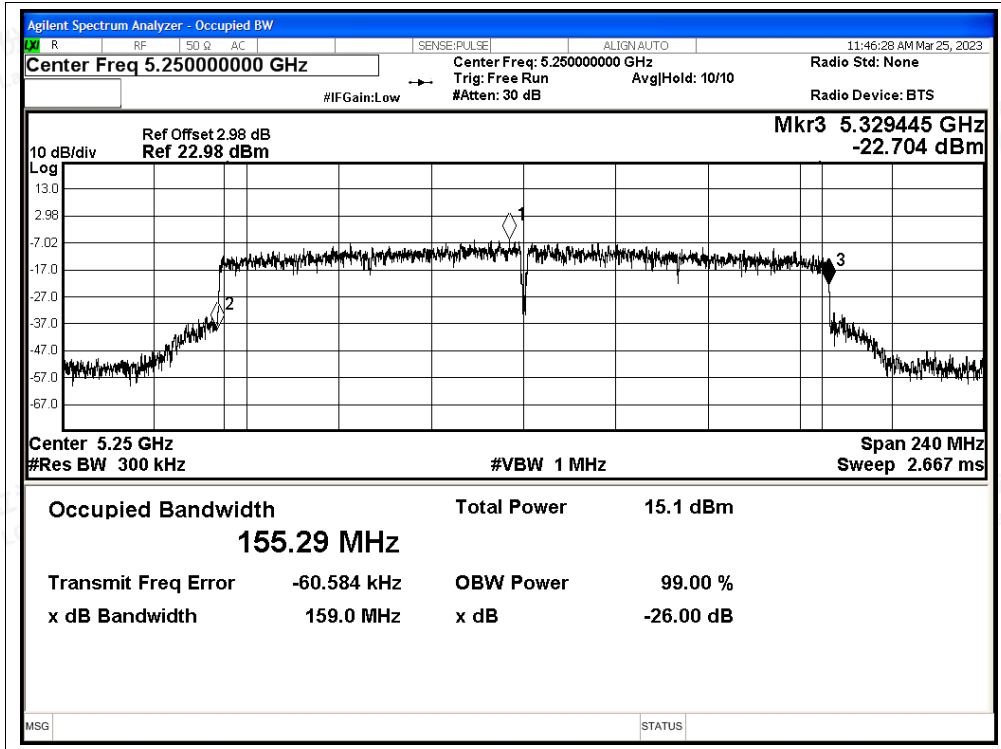
-26dB Bandwidth NVNT ax40 5270MHz Ant2





-26dB Bandwidth NVNT ax160 5250MHz Ant2







C.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT | a | 5260 | Ant0 | 18.12 | 0.17 | 18.29 | 24 | Pass |
| NVNT | a | 5300 | Ant0 | 18.57 | 0.17 | 18.74 | 24 | Pass |
| NVNT | a | 5320 | Ant0 | 18.57 | 0.17 | 18.74 | 24 | Pass |
| NVNT | n20 | 5260 | Ant0 | 16.25 | 0.18 | 16.43 | 24 | Pass |
| NVNT | n20 | 5300 | Ant0 | 16.79 | 0.18 | 16.97 | 24 | Pass |
| NVNT | n20 | 5320 | Ant0 | 17.09 | 0.18 | 17.27 | 24 | Pass |
| NVNT | n40 | 5270 | Ant0 | 16.25 | 0.36 | 16.61 | 24 | Pass |
| NVNT | n40 | 5310 | Ant0 | 17.25 | 0.36 | 17.61 | 24 | Pass |
| NVNT | ac20 | 5260 | Ant0 | 16.21 | 0.48 | 16.69 | 24 | Pass |
| NVNT | ac20 | 5300 | Ant0 | 16.87 | 0.48 | 17.35 | 24 | Pass |
| NVNT | ac20 | 5320 | Ant0 | 17.36 | 0.48 | 17.84 | 24 | Pass |
| NVNT | ac40 | 5270 | Ant0 | 15.95 | 0.84 | 16.79 | 24 | Pass |
| NVNT | ac40 | 5310 | Ant0 | 17.01 | 0.86 | 17.87 | 24 | Pass |
| NVNT | ac80 | 5290 | Ant0 | 10.62 | 2.77 | 13.39 | 24 | Pass |
| NVNT | ac160 | 5250 | Ant0 | 7.92 | 1.76 | 9.68 | 24 | Pass |
| NVNT | ax20 | 5260 | Ant0 | 16.6 | 0.53 | 17.13 | 24 | Pass |
| NVNT | ax20 | 5300 | Ant0 | 16.81 | 0.54 | 17.35 | 24 | Pass |
| NVNT | ax20 | 5320 | Ant0 | 17.39 | 0.53 | 17.92 | 24 | Pass |
| NVNT | ax40 | 5270 | Ant0 | 15.62 | 0.82 | 16.44 | 24 | Pass |
| NVNT | ax40 | 5310 | Ant0 | 16.8 | 0.82 | 17.62 | 24 | Pass |
| NVNT | ax80 | 5290 | Ant0 | 16.09 | 0.55 | 16.64 | 24 | Pass |
| NVNT | ax160 | 5250 | Ant0 | 10.02 | 0.51 | 10.53 | 24 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT | a | 5260 | Ant1 | 17.73 | 0.17 | 17.9 | 24 | Pass |
| NVNT | a | 5300 | Ant1 | 18.66 | 0.17 | 18.83 | 24 | Pass |
| NVNT | a | 5320 | Ant1 | 19.19 | 0.17 | 19.36 | 24 | Pass |
| NVNT | n20 | 5260 | Ant1 | 16.08 | 0.18 | 16.26 | 24 | Pass |
| NVNT | n20 | 5300 | Ant1 | 16.47 | 0.18 | 16.65 | 24 | Pass |
| NVNT | n20 | 5320 | Ant1 | 16.84 | 0.18 | 17.02 | 24 | Pass |
| NVNT | n40 | 5270 | Ant1 | 15.98 | 0.36 | 16.34 | 24 | Pass |
| NVNT | n40 | 5310 | Ant1 | 17.03 | 0.37 | 17.4 | 24 | Pass |
| NVNT | ac20 | 5260 | Ant1 | 16.06 | 0.48 | 16.54 | 24 | Pass |
| NVNT | ac20 | 5300 | Ant1 | 16.37 | 0.48 | 16.85 | 24 | Pass |
| NVNT | ac20 | 5320 | Ant1 | 17.03 | 0.48 | 17.51 | 24 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 14.98 | 0.84 | 15.82 | 24 | Pass |
| NVNT | ac40 | 5310 | Ant1 | 16.18 | 0.84 | 17.02 | 24 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 14.64 | 1.41 | 16.05 | 24 | Pass |





| | | | | | | | | |
|------|-------|------|------|-------|------|-------|----|------|
| NVNT | ac160 | 5250 | Ant1 | 8.41 | 1.79 | 10.2 | 24 | Pass |
| NVNT | ax20 | 5260 | Ant1 | 16.77 | 0.54 | 17.31 | 24 | Pass |
| NVNT | ax20 | 5300 | Ant1 | 17.04 | 0.53 | 17.57 | 24 | Pass |
| NVNT | ax20 | 5320 | Ant1 | 17.62 | 0.54 | 18.16 | 24 | Pass |
| NVNT | ax40 | 5270 | Ant1 | 15.68 | 0.55 | 16.23 | 24 | Pass |
| NVNT | ax40 | 5310 | Ant1 | 16.82 | 0.54 | 17.36 | 24 | Pass |
| NVNT | ax80 | 5290 | Ant1 | 15.82 | 0.55 | 16.37 | 24 | Pass |
| NVNT | ax160 | 5250 | Ant1 | 10.13 | 0.5 | 10.63 | 24 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT | a | 5260 | Ant2 | 18.03 | 0 | 18.03 | 24 | Pass |
| NVNT | a | 5300 | Ant2 | 18.27 | 0 | 18.27 | 24 | Pass |
| NVNT | a | 5320 | Ant2 | 18.74 | 0 | 18.74 | 24 | Pass |
| NVNT | n20 | 5260 | Ant2 | 15.92 | 0.19 | 16.11 | 24 | Pass |
| NVNT | n20 | 5300 | Ant2 | 16.73 | 0.19 | 16.92 | 24 | Pass |
| NVNT | n20 | 5320 | Ant2 | 17.25 | 0.19 | 17.44 | 24 | Pass |
| NVNT | n40 | 5270 | Ant2 | 15.45 | 0.36 | 15.81 | 24 | Pass |
| NVNT | n40 | 5310 | Ant2 | 16.46 | 0.37 | 16.83 | 24 | Pass |
| NVNT | ac20 | 5260 | Ant2 | 15.68 | 0.49 | 16.17 | 24 | Pass |
| NVNT | ac20 | 5300 | Ant2 | 16.46 | 0.48 | 16.94 | 24 | Pass |
| NVNT | ac20 | 5320 | Ant2 | 16.99 | 0.48 | 17.47 | 24 | Pass |
| NVNT | ac40 | 5270 | Ant2 | 15.35 | 0.84 | 16.19 | 24 | Pass |
| NVNT | ac40 | 5310 | Ant2 | 16.24 | 0.84 | 17.08 | 24 | Pass |
| NVNT | ac80 | 5290 | Ant2 | 14.72 | 1.41 | 16.13 | 24 | Pass |
| NVNT | ac160 | 5250 | Ant2 | 8.44 | 1.75 | 10.19 | 24 | Pass |
| NVNT | ax20 | 5260 | Ant2 | 16.37 | 0.53 | 16.9 | 24 | Pass |
| NVNT | ax20 | 5300 | Ant2 | 16.75 | 0.53 | 17.28 | 24 | Pass |
| NVNT | ax20 | 5320 | Ant2 | 17.31 | 0.53 | 17.84 | 24 | Pass |
| NVNT | ax40 | 5270 | Ant2 | 16.32 | 0.54 | 16.86 | 24 | Pass |
| NVNT | ax40 | 5310 | Ant2 | 17.38 | 0.54 | 17.92 | 24 | Pass |
| NVNT | ax80 | 5290 | Ant2 | 16.4 | 0.56 | 16.96 | 24 | Pass |
| NVNT | ax160 | 5250 | Ant2 | 10.18 | 0.5 | 10.68 | 24 | Pass |





MIMO

| Condition | Mode | Frequency (MHz) | Total Power (dBm) | | | | Limit (dBm) | Verdict |
|-----------|-------|-----------------|-------------------|-------|-------|-----------------|-------------|---------|
| | | | Ant0 | Ant1 | Ant2 | Ant0+Ant1+ Ant2 | | |
| NVNT | n20 | 5260 | 15.12 | 15.63 | 15.21 | 20.10 | 21.03 | Pass |
| NVNT | n20 | 5300 | 15.18 | 15.63 | 15.41 | 20.18 | 21.03 | Pass |
| NVNT | n20 | 5320 | 15.30 | 16.01 | 15.10 | 20.26 | 21.03 | Pass |
| NVNT | n40 | 5270 | 15.52 | 15.63 | 15.81 | 20.43 | 21.03 | Pass |
| NVNT | n40 | 5310 | 15.36 | 15.40 | 15.31 | 20.13 | 21.03 | Pass |
| NVNT | ac20 | 5260 | 15.36 | 15.12 | 15.32 | 20.04 | 21.03 | Pass |
| NVNT | ac20 | 5300 | 15.32 | 15.32 | 15.32 | 20.09 | 21.03 | Pass |
| NVNT | ac20 | 5320 | 15.63 | 15.63 | 16.03 | 20.54 | 21.03 | Pass |
| NVNT | ac40 | 5270 | 14.63 | 15.03 | 15.23 | 19.74 | 21.03 | Pass |
| NVNT | ac40 | 5310 | 14.38 | 15.63 | 15.63 | 20.02 | 21.03 | Pass |
| NVNT | ac80 | 5290 | 13.39 | 15.36 | 15.12 | 19.48 | 21.03 | Pass |
| NVNT | ac160 | 5250 | 9.67 | 10.12 | 10.19 | 14.77 | 21.03 | Pass |
| NVNT | ax20 | 5260 | 15.63 | 15.32 | 15.61 | 20.29 | 21.03 | Pass |
| NVNT | ax20 | 5300 | 15.36 | 16.00 | 15.63 | 20.44 | 21.03 | Pass |
| NVNT | ax20 | 5320 | 15.34 | 15.52 | 15.60 | 20.26 | 21.03 | Pass |
| NVNT | ax40 | 5270 | 14.62 | 15.63 | 14.62 | 19.75 | 21.03 | Pass |
| NVNT | ax40 | 5310 | 15.02 | 14.52 | 15.15 | 19.68 | 21.03 | Pass |
| NVNT | ax80 | 5290 | 15.63 | 15.36 | 15.63 | 20.31 | 21.03 | Pass |
| NVNT | ax160 | 5250 | 10.53 | 10.63 | 10.68 | 15.38 | 21.03 | Pass |





C.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT | a | 5260 | Ant0 | 4.93 | 0.17 | 5.1 | 11 | Pass |
| NVNT | a | 5300 | Ant0 | 6.26 | 0.17 | 6.43 | 11 | Pass |
| NVNT | a | 5320 | Ant0 | 6.68 | 0.17 | 6.85 | 11 | Pass |
| NVNT | n20 | 5260 | Ant0 | 2.9 | 0.18 | 3.08 | 11 | Pass |
| NVNT | n20 | 5300 | Ant0 | 4.22 | 0.18 | 4.4 | 11 | Pass |
| NVNT | n20 | 5320 | Ant0 | 4.5 | 0.18 | 4.68 | 11 | Pass |
| NVNT | n40 | 5270 | Ant0 | -0.8 | 0.36 | -0.44 | 11 | Pass |
| NVNT | n40 | 5310 | Ant0 | 1.34 | 0.36 | 1.7 | 11 | Pass |
| NVNT | ac20 | 5260 | Ant0 | 0.89 | 0.48 | 1.37 | 11 | Pass |
| NVNT | ac20 | 5300 | Ant0 | 0.71 | 0.48 | 1.19 | 11 | Pass |
| NVNT | ac20 | 5320 | Ant0 | 1.72 | 0.48 | 2.2 | 11 | Pass |
| NVNT | ac40 | 5270 | Ant0 | -5.13 | 0.84 | -4.29 | 11 | Pass |
| NVNT | ac40 | 5310 | Ant0 | -5.15 | 0.86 | -4.29 | 11 | Pass |
| NVNT | ac80 | 5290 | Ant0 | -26.52 | 2.77 | -23.75 | 11 | Pass |
| NVNT | ac160 | 5250 | Ant0 | -23.59 | 1.76 | -21.83 | 11 | Pass |
| NVNT | ax20 | 5260 | Ant0 | 2.31 | 0.53 | 2.84 | 11 | Pass |
| NVNT | ax20 | 5300 | Ant0 | -0.35 | 0.54 | 0.19 | 11 | Pass |
| NVNT | ax20 | 5320 | Ant0 | 1.81 | 0.53 | 2.34 | 11 | Pass |
| NVNT | ax40 | 5270 | Ant0 | -5.58 | 0.82 | -4.76 | 11 | Pass |
| NVNT | ax40 | 5310 | Ant0 | -5.68 | 0.82 | -4.86 | 11 | Pass |
| NVNT | ax80 | 5290 | Ant0 | -5.6 | 0.55 | -5.05 | 11 | Pass |
| NVNT | ax160 | 5250 | Ant0 | -14.14 | 0.51 | -13.63 | 11 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT | a | 5260 | Ant1 | 4.67 | 0.17 | 4.84 | 11 | Pass |
| NVNT | a | 5300 | Ant1 | 5.29 | 0.17 | 5.46 | 11 | Pass |
| NVNT | a | 5320 | Ant1 | 7.16 | 0.17 | 7.33 | 11 | Pass |
| NVNT | n20 | 5260 | Ant1 | 3.46 | 0.18 | 3.64 | 11 | Pass |
| NVNT | n20 | 5300 | Ant1 | 3.11 | 0.18 | 3.29 | 11 | Pass |
| NVNT | n20 | 5320 | Ant1 | 3.16 | 0.18 | 3.34 | 11 | Pass |
| NVNT | n40 | 5270 | Ant1 | -0.67 | 0.36 | -0.31 | 11 | Pass |
| NVNT | n40 | 5310 | Ant1 | 0.91 | 0.37 | 1.28 | 11 | Pass |
| NVNT | ac20 | 5260 | Ant1 | 1.3 | 0.48 | 1.78 | 11 | Pass |
| NVNT | ac20 | 5300 | Ant1 | 0.73 | 0.48 | 1.21 | 11 | Pass |
| NVNT | ac20 | 5320 | Ant1 | 1.79 | 0.48 | 2.27 | 11 | Pass |
| NVNT | ac40 | 5270 | Ant1 | -6.99 | 0.84 | -6.15 | 11 | Pass |
| NVNT | ac40 | 5310 | Ant1 | -6.7 | 0.84 | -5.86 | 11 | Pass |
| NVNT | ac80 | 5290 | Ant1 | -12.97 | 1.41 | -11.56 | 11 | Pass |
| NVNT | ac160 | 5250 | Ant1 | -22.45 | 1.79 | -20.66 | 11 | Pass |
| NVNT | ax20 | 5260 | Ant1 | 0.99 | 0.54 | 1.53 | 11 | Pass |



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Scan code to check authenticity



| | | | | | | | | |
|------|-------|------|------|--------|------|--------|----|------|
| NVNT | ax20 | 5300 | Ant1 | 1.99 | 0.53 | 2.52 | 11 | Pass |
| NVNT | ax20 | 5320 | Ant1 | 1.32 | 0.54 | 1.86 | 11 | Pass |
| NVNT | ax40 | 5270 | Ant1 | -3.18 | 0.55 | -2.63 | 11 | Pass |
| NVNT | ax40 | 5310 | Ant1 | -2.04 | 0.54 | -1.5 | 11 | Pass |
| NVNT | ax80 | 5290 | Ant1 | -6.33 | 0.55 | -5.78 | 11 | Pass |
| NVNT | ax160 | 5250 | Ant1 | -12.95 | 0.5 | -12.45 | 11 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT | a | 5260 | Ant2 | 6.01 | 0 | 6.01 | 11 | Pass |
| NVNT | a | 5300 | Ant2 | 5.99 | 0 | 5.99 | 11 | Pass |
| NVNT | a | 5320 | Ant2 | 6.58 | 0 | 6.58 | 11 | Pass |
| NVNT | n20 | 5260 | Ant2 | 3.16 | 0.19 | 3.35 | 11 | Pass |
| NVNT | n20 | 5300 | Ant2 | 3.27 | 0.19 | 3.46 | 11 | Pass |
| NVNT | n20 | 5320 | Ant2 | 4.05 | 0.19 | 4.24 | 11 | Pass |
| NVNT | n40 | 5270 | Ant2 | -0.87 | 0.36 | -0.51 | 11 | Pass |
| NVNT | n40 | 5310 | Ant2 | -0.24 | 0.37 | 0.13 | 11 | Pass |
| NVNT | ac20 | 5260 | Ant2 | 1.54 | 0.49 | 2.03 | 11 | Pass |
| NVNT | ac20 | 5300 | Ant2 | 0.81 | 0.48 | 1.29 | 11 | Pass |
| NVNT | ac20 | 5320 | Ant2 | 0.62 | 0.48 | 1.1 | 11 | Pass |
| NVNT | ac40 | 5270 | Ant2 | -6.06 | 0.84 | -5.22 | 11 | Pass |
| NVNT | ac40 | 5310 | Ant2 | -3.87 | 0.84 | -3.03 | 11 | Pass |
| NVNT | ac80 | 5290 | Ant2 | -12.74 | 1.41 | -11.33 | 11 | Pass |
| NVNT | ac160 | 5250 | Ant2 | -25.08 | 1.75 | -23.33 | 11 | Pass |
| NVNT | ax20 | 5260 | Ant2 | -0.42 | 0.53 | 0.11 | 11 | Pass |
| NVNT | ax20 | 5300 | Ant2 | 1.66 | 0.53 | 2.19 | 11 | Pass |
| NVNT | ax20 | 5320 | Ant2 | 1.15 | 0.53 | 1.68 | 11 | Pass |
| NVNT | ax40 | 5270 | Ant2 | -2.85 | 0.54 | -2.31 | 11 | Pass |
| NVNT | ax40 | 5310 | Ant2 | -2.62 | 0.54 | -2.08 | 11 | Pass |
| NVNT | ax80 | 5290 | Ant2 | -6.32 | 0.56 | -5.76 | 11 | Pass |
| NVNT | ax160 | 5250 | Ant2 | -14.54 | 0.5 | -14.04 | 11 | Pass |





MIMO

| Test Mode | Channel | Frequency (MHz) | Ant 0 Conducted Power (dBm/MHz) | Ant 1 Conducted Power (dBm/MHz) | Ant 2 Conducted Power (dBm/MHz) | MIMO AV Conducted Power (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|---------|-----------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|-----------------|---------|
| n20 | 52 | 5260 | 2.62 | 2.05 | 3.15 | 7.40 | ≤8.03 | Pass |
| | 60 | 5300 | 3.56 | 2.71 | 2.21 | 7.63 | | Pass |
| | 64 | 5320 | 3.01 | 2.63 | 3.01 | 7.66 | | Pass |
| N40 | 54 | 5270 | -0.44 | -0.31 | -0.51 | 4.35 | ≤8.03 | Pass |
| | 62 | 5310 | 1.7 | 1.28 | 0.13 | 5.86 | | Pass |
| ac20 | 52 | 5260 | 1.37 | 1.78 | 2.03 | 6.51 | ≤8.03 | Pass |
| | 60 | 5300 | 1.19 | 1.21 | 1.29 | 6.00 | | Pass |
| | 64 | 5320 | 2.2 | 2.27 | 1.1 | 6.66 | | Pass |
| ac40 | 54 | 5270 | -4.29 | -6.15 | -5.22 | -0.38 | ≤8.03 | Pass |
| | 62 | 5310 | -4.29 | -5.86 | -3.03 | 0.53 | | Pass |
| ac80 | 58 | 5290 | -23.75 | -11.56 | -11.33 | -8.31 | ≤8.03 | Pass |
| Ac160 | 20 | 5250 | -21.83 | -20.66 | -23.33 | -17.03 | ≤8.03 | Pass |
| ax20 | 52 | 5260 | 2.84 | 1.53 | 0.11 | 6.41 | ≤8.03 | Pass |
| | 60 | 5300 | 0.19 | 2.52 | 2.19 | 6.52 | | Pass |
| | 64 | 5320 | 2.34 | 1.86 | 1.68 | 6.74 | | Pass |
| ax40 | 54 | 5270 | -4.76 | -2.63 | -2.31 | 1.67 | ≤8.03 | Pass |
| | 62 | 5310 | -4.86 | -1.5 | -2.08 | 2.19 | | Pass |
| ax80 | 58 | 5290 | -5.05 | -5.78 | -5.76 | -0.75 | ≤8.03 | Pass |
| ax160 | 20 | 5250 | -13.63 | -12.45 | -14.04 | -8.55 | ≤8.03 | Pass |

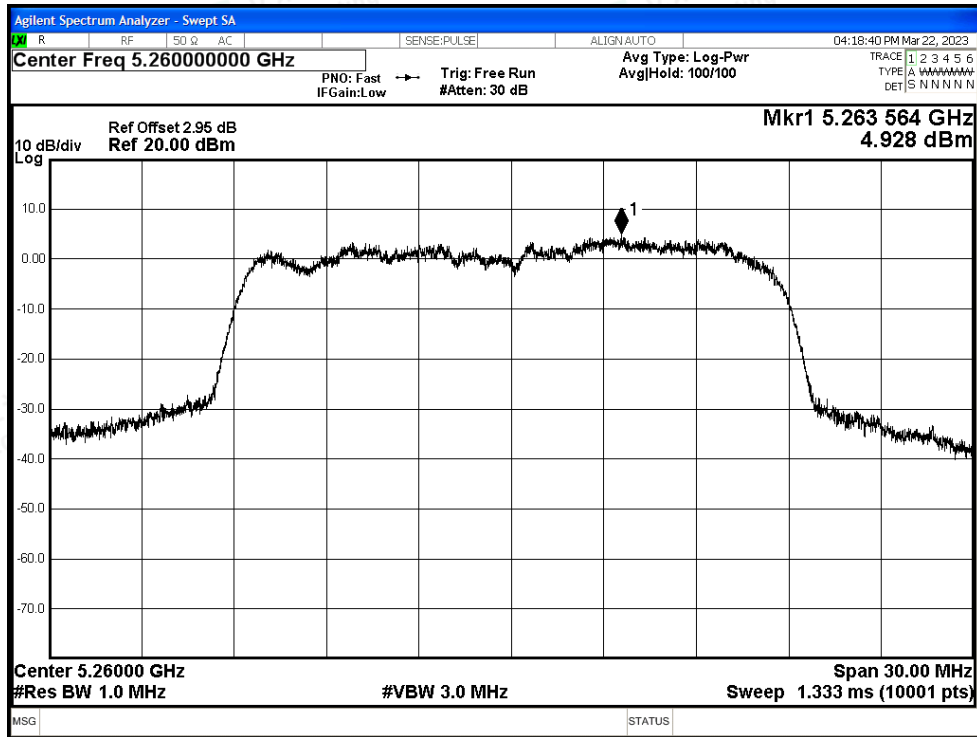
Note: The Duty Cycle Factor is compensated in the graph.



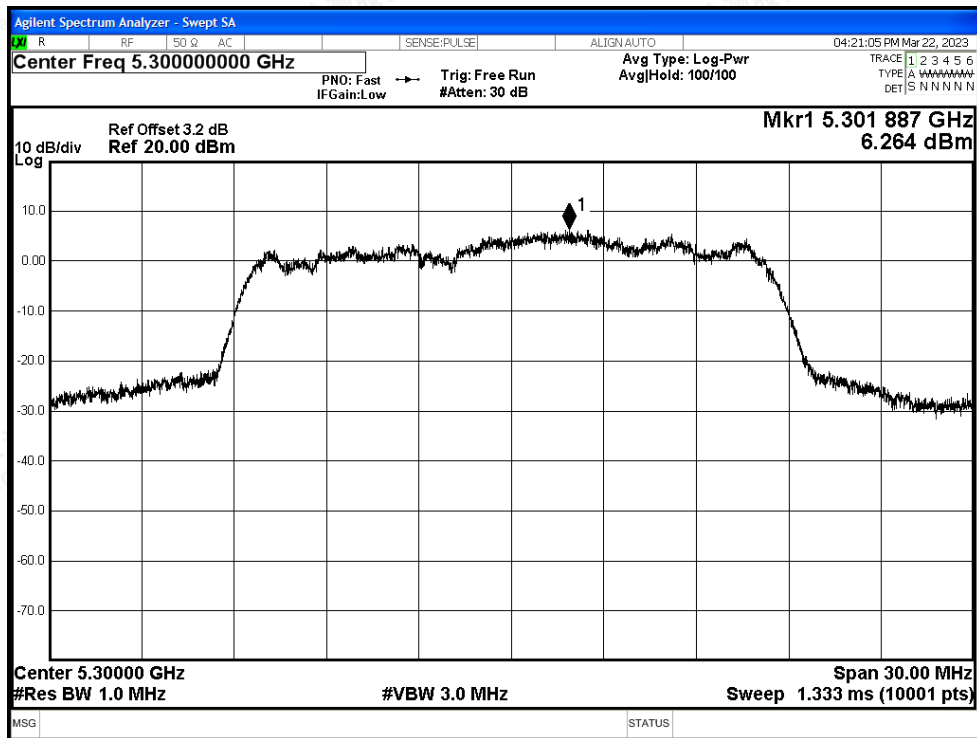


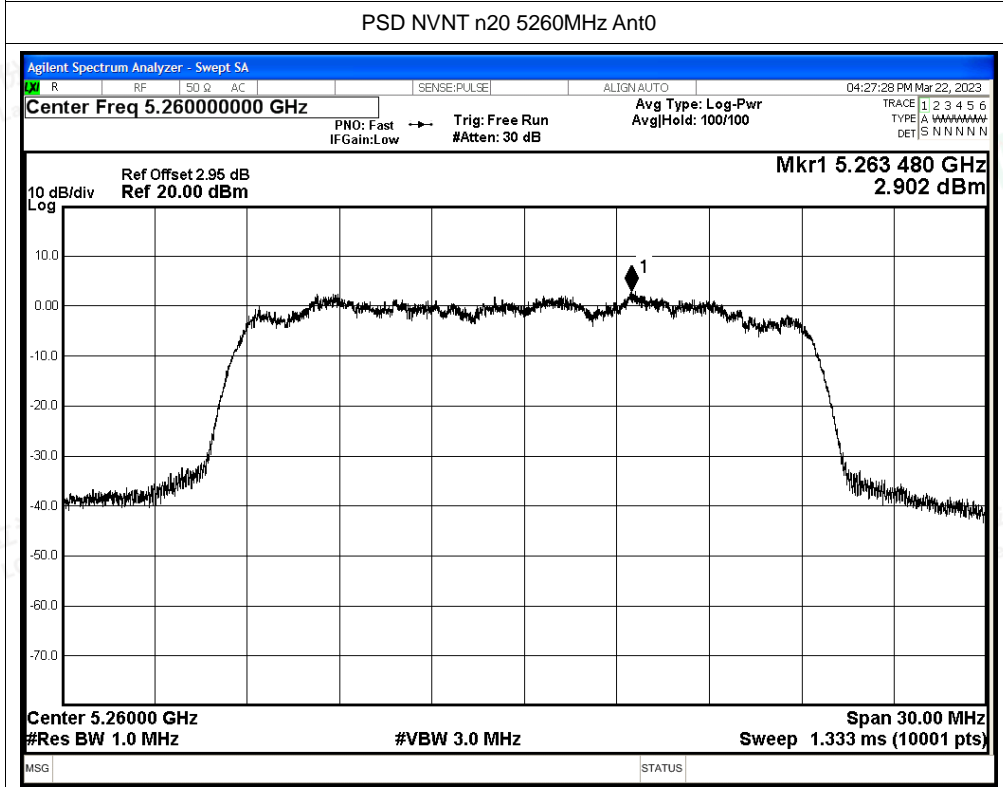
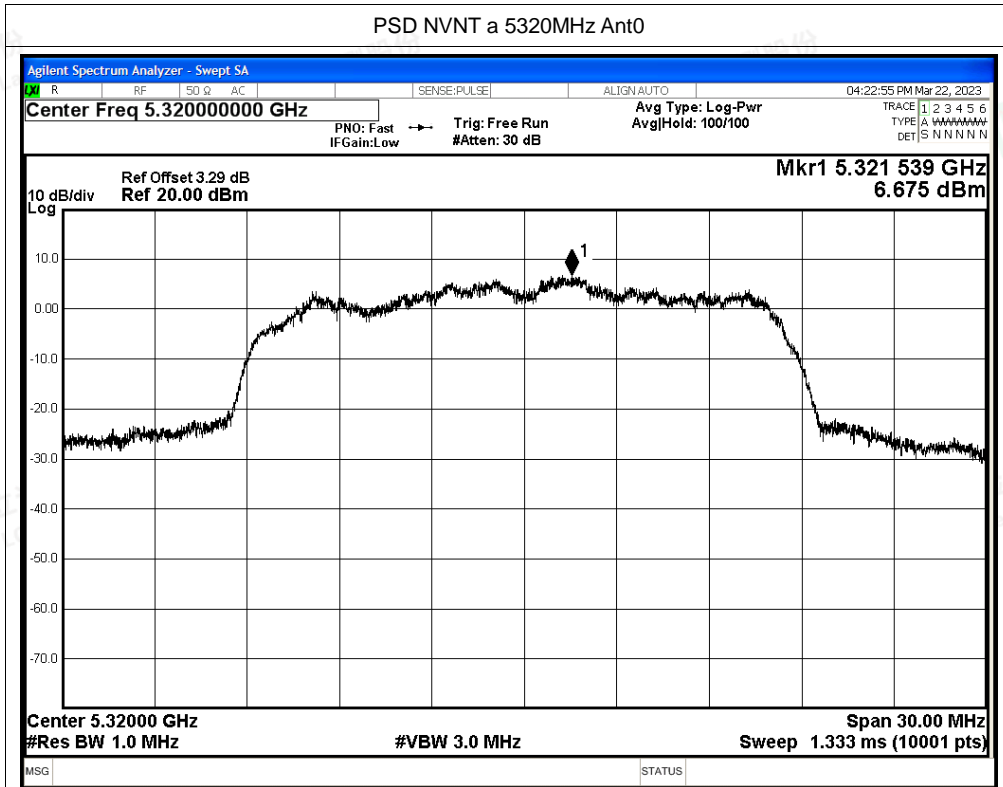
Test Graphs

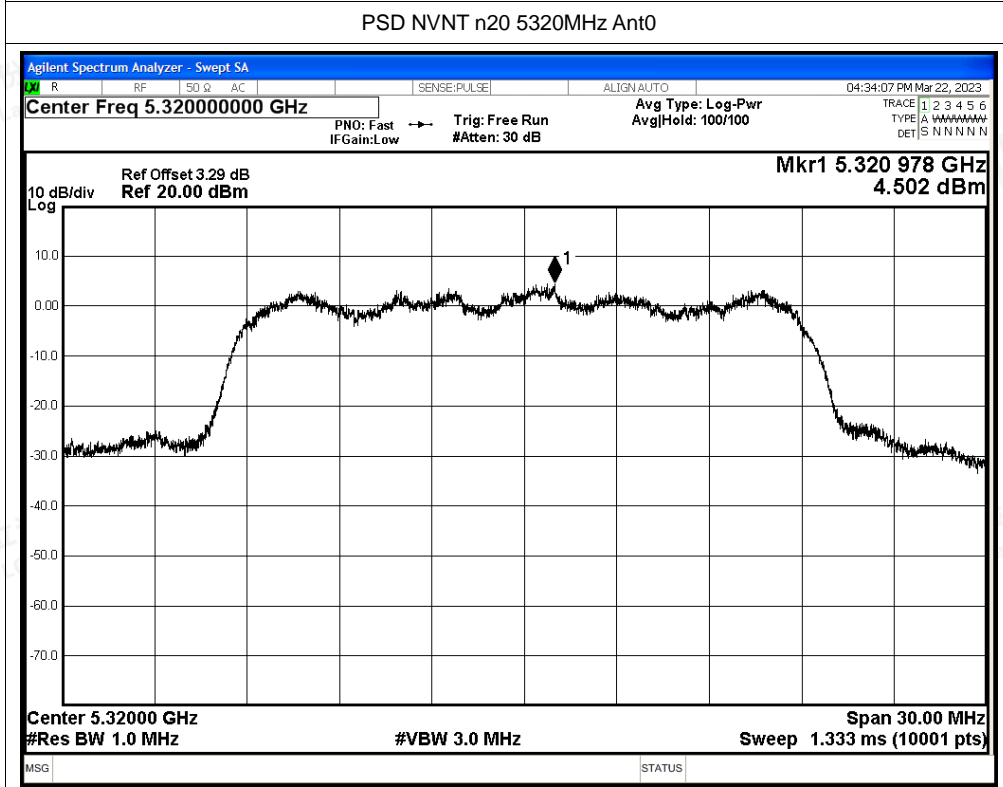
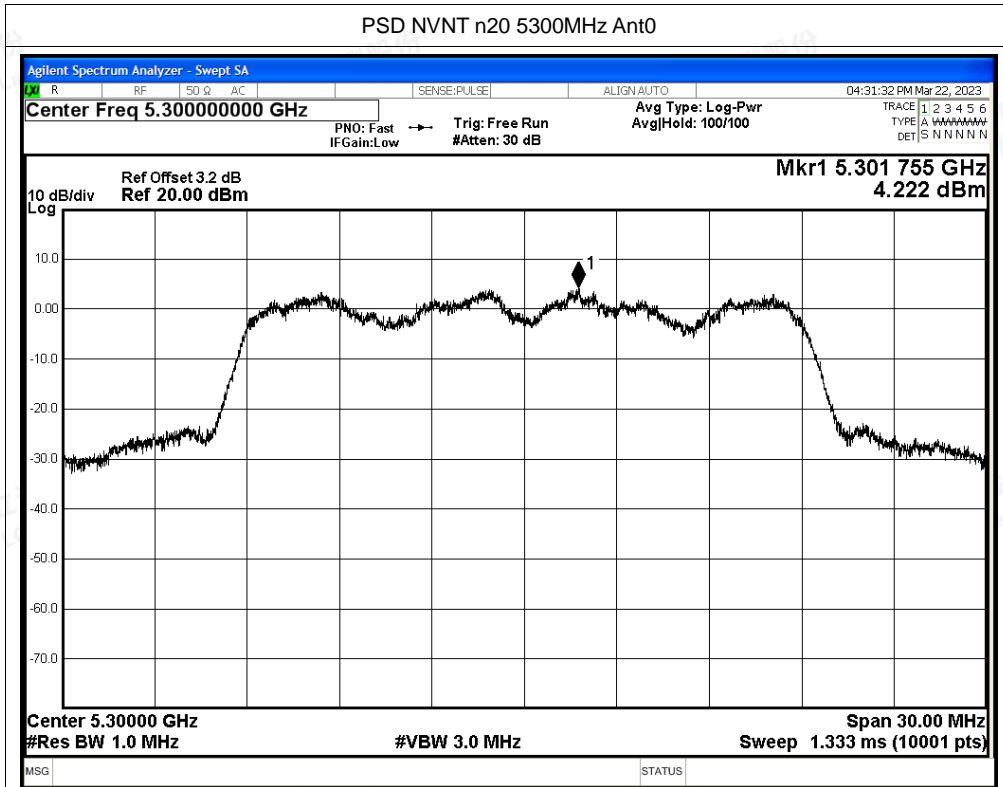
PSD NVNT a 5260MHz Ant0

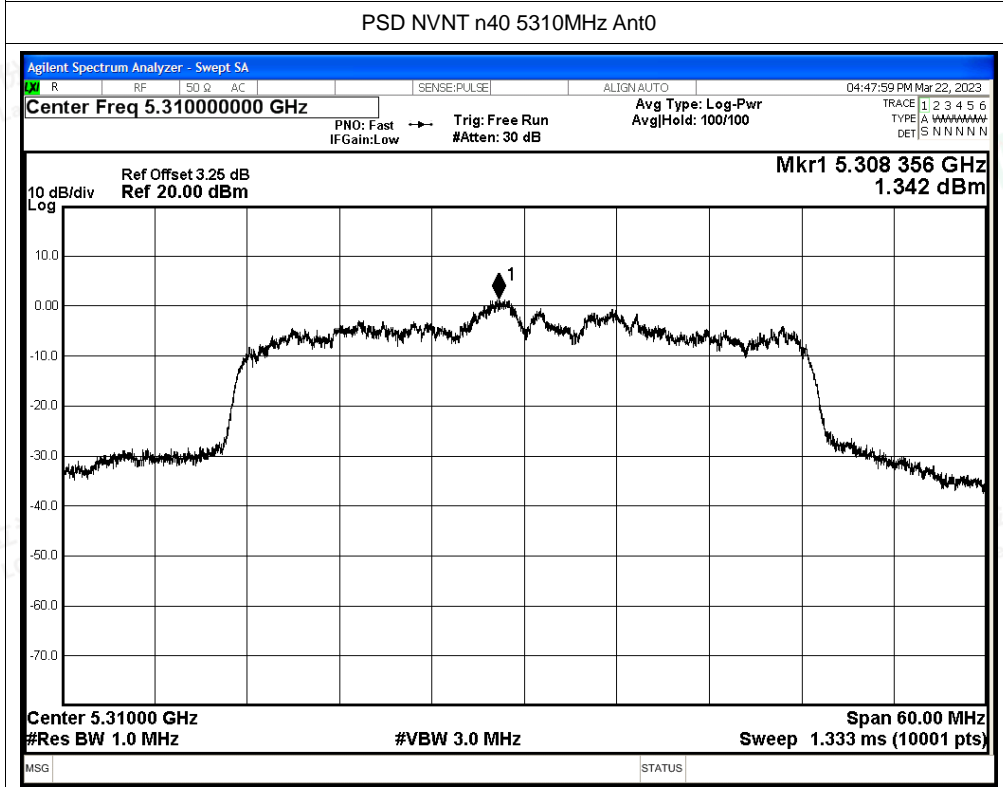
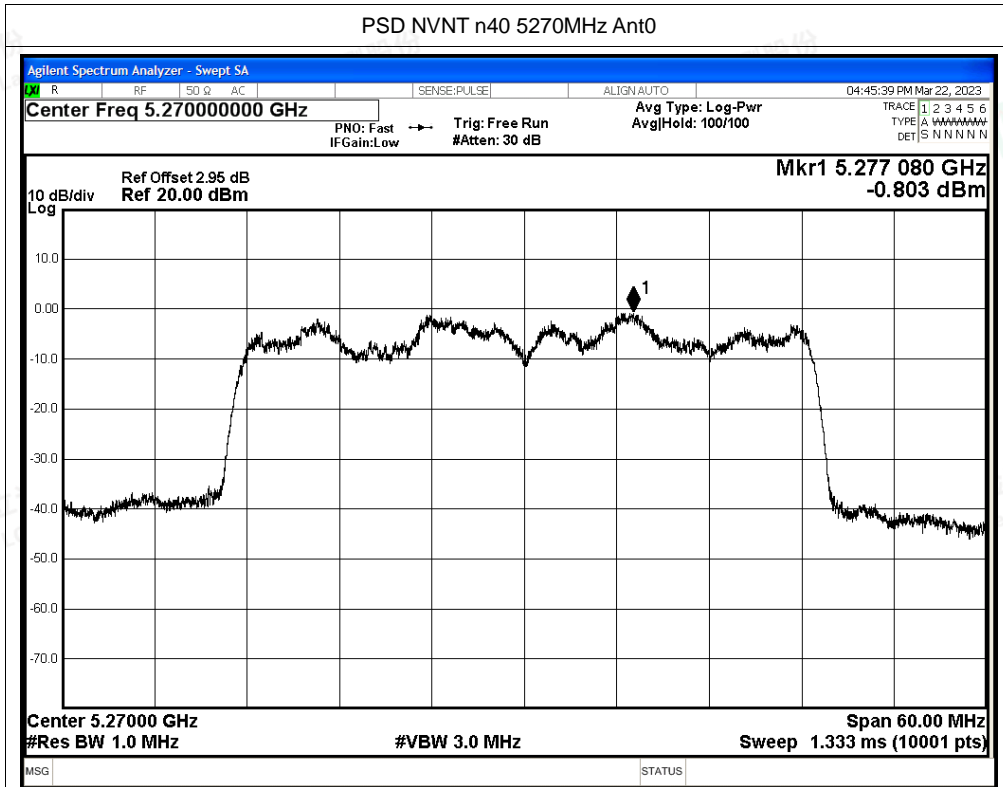


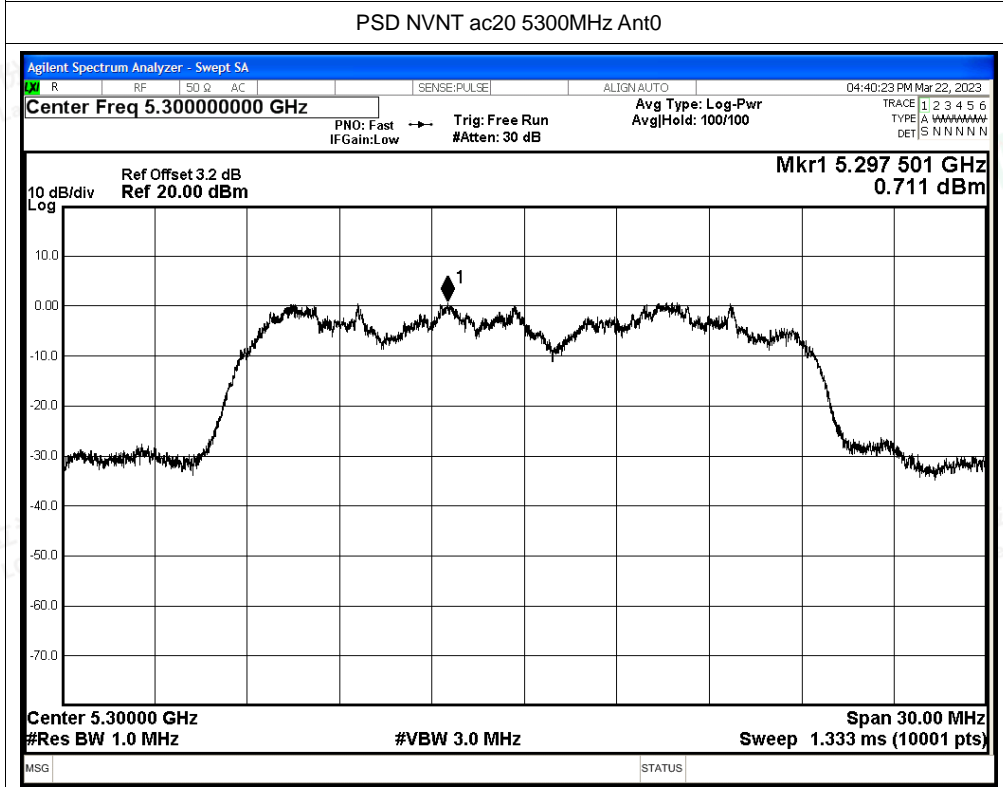
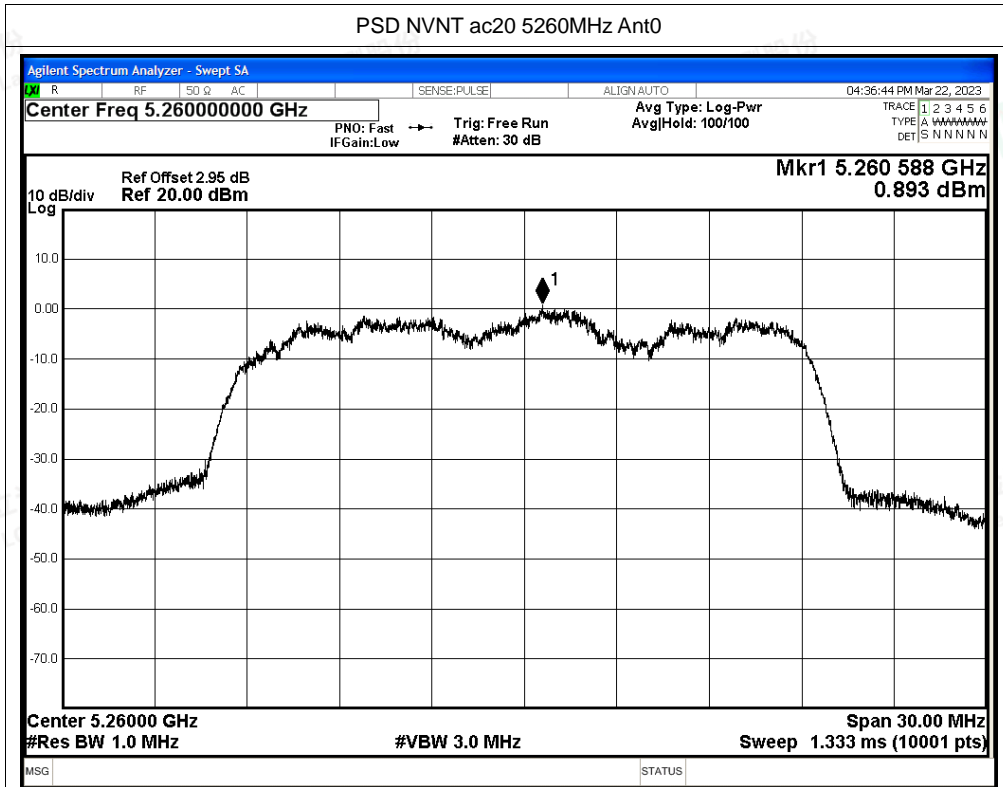
PSD NVNT a 5300MHz Ant0

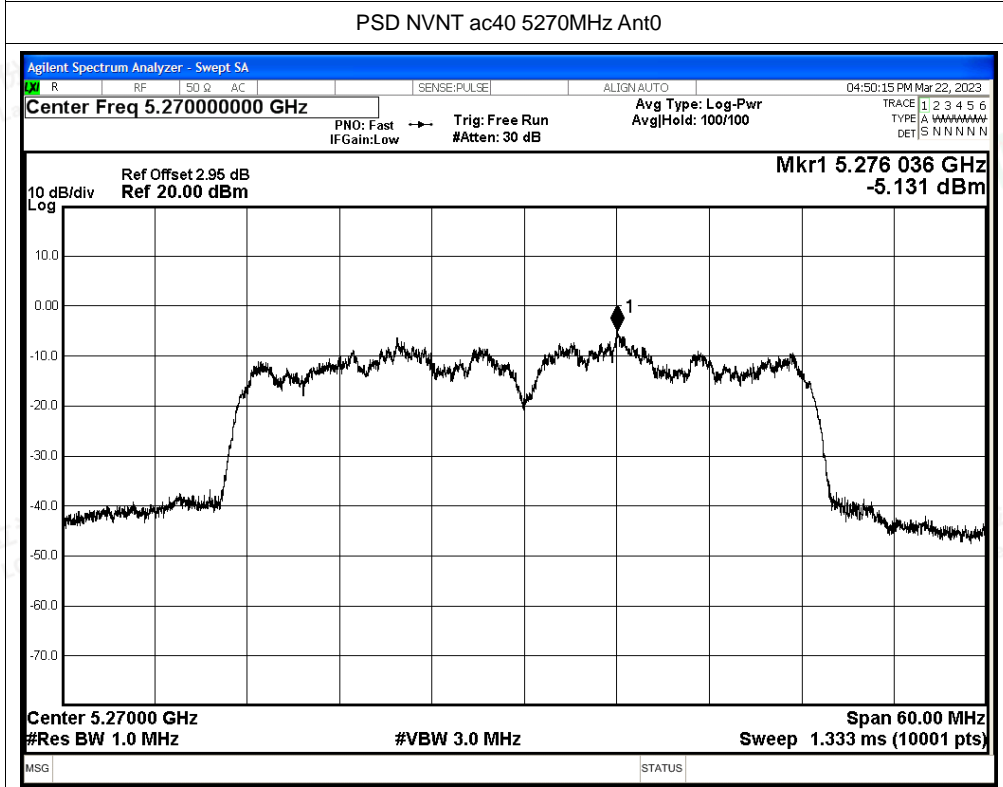
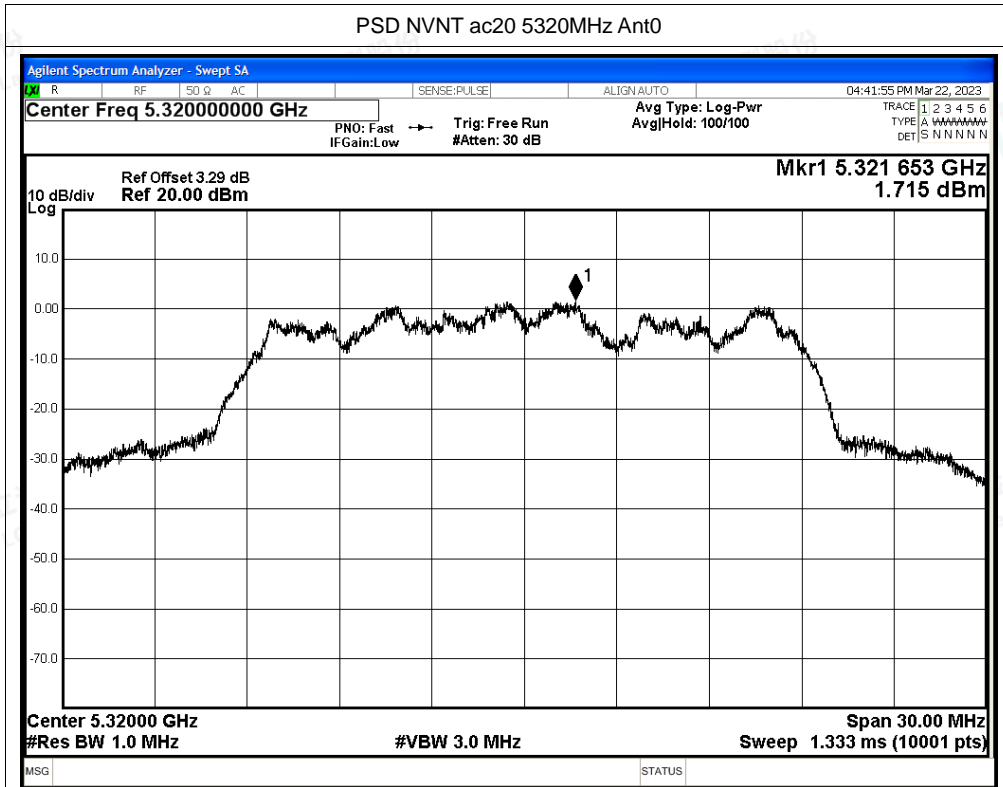


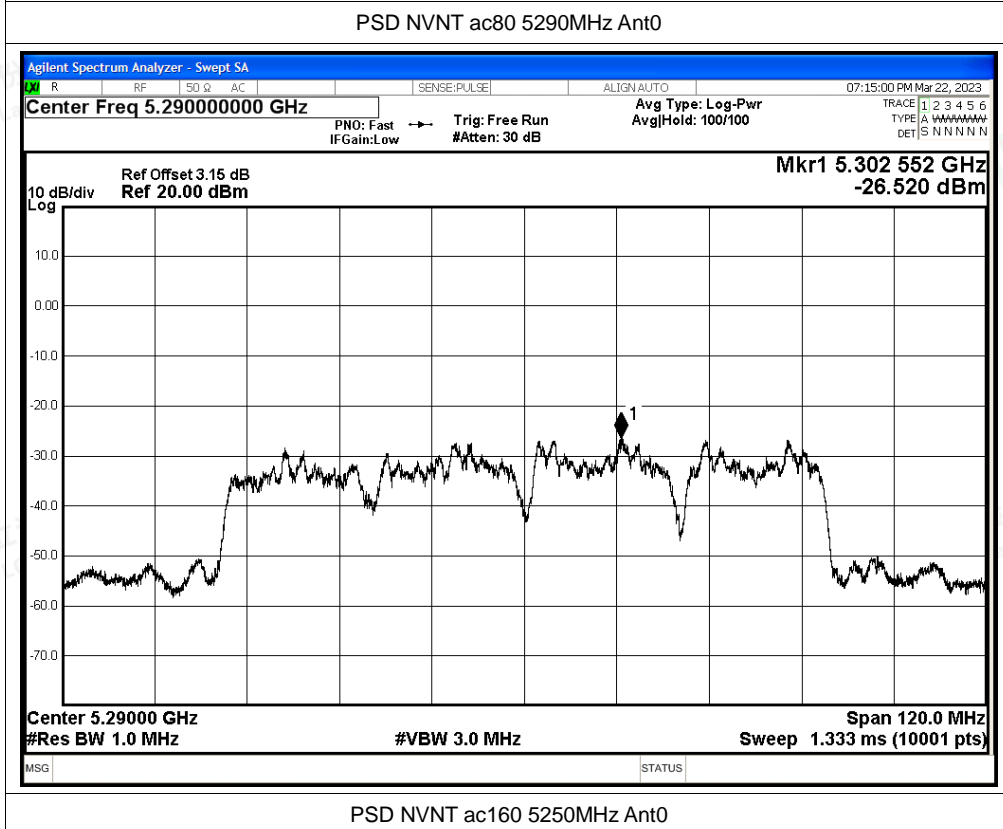
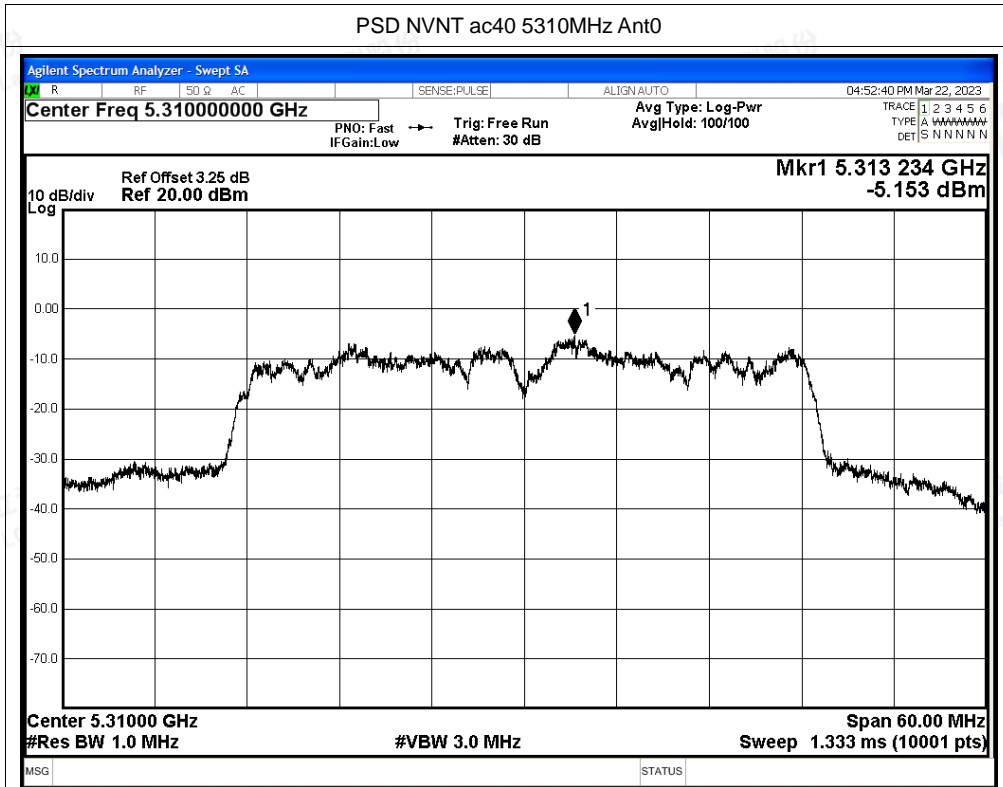






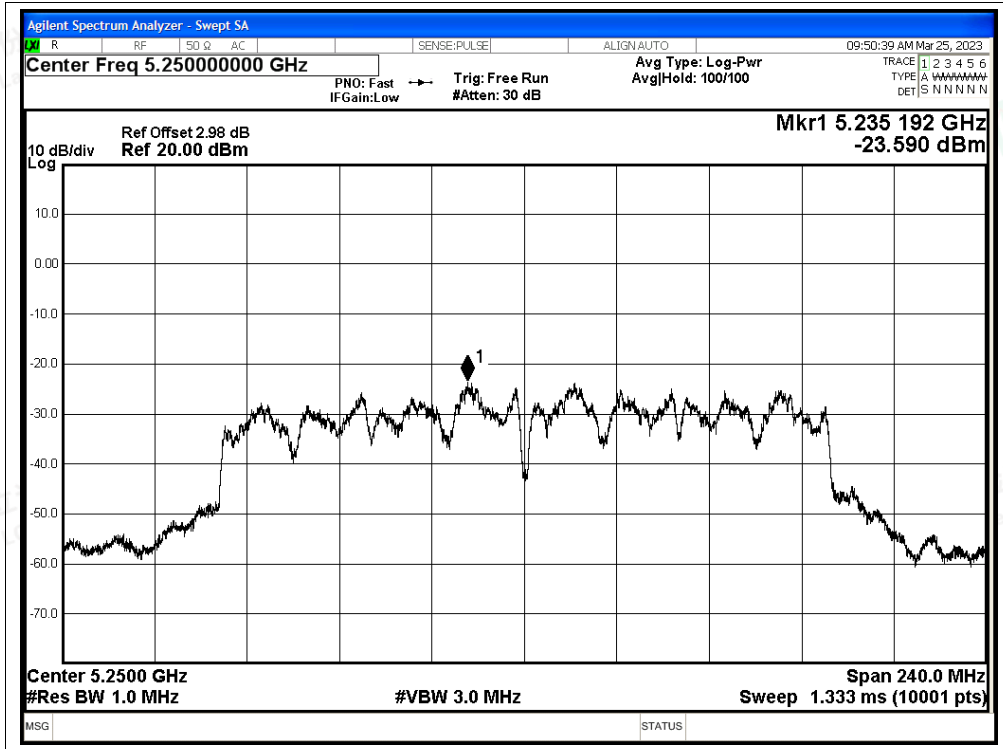


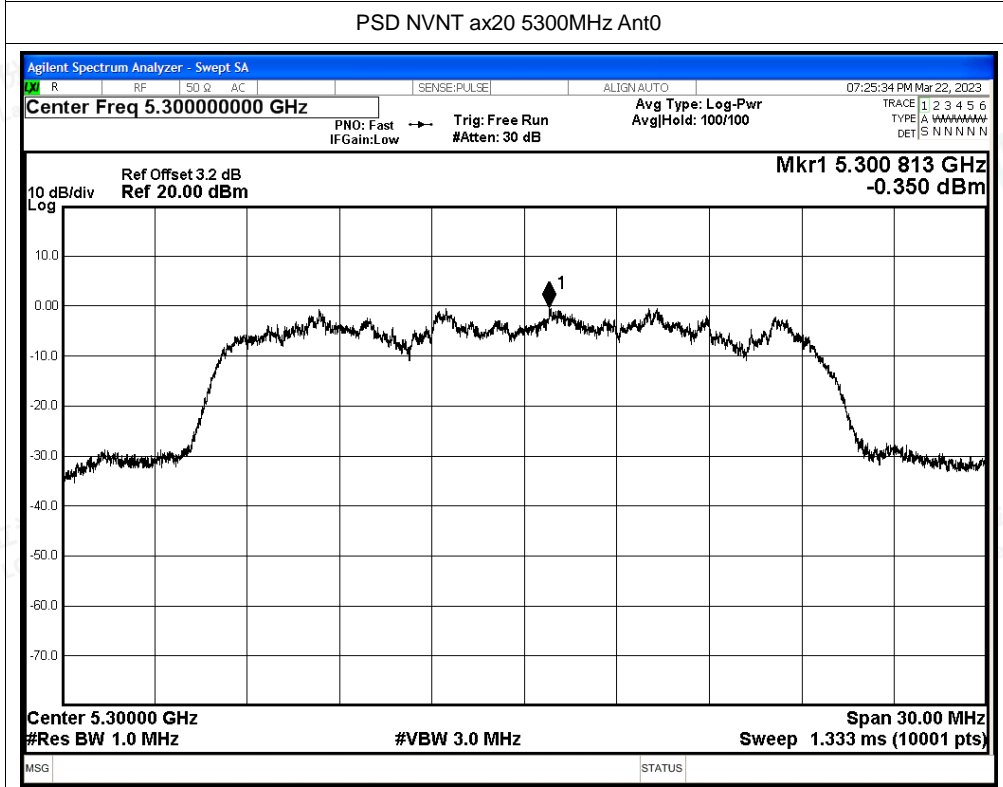
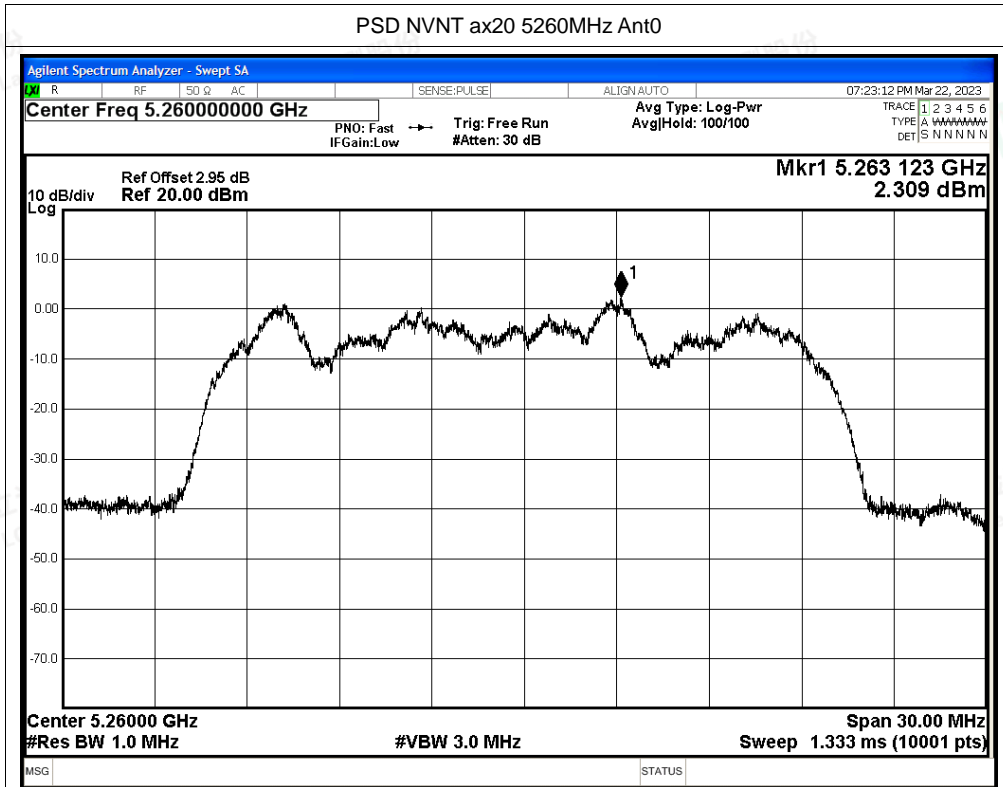


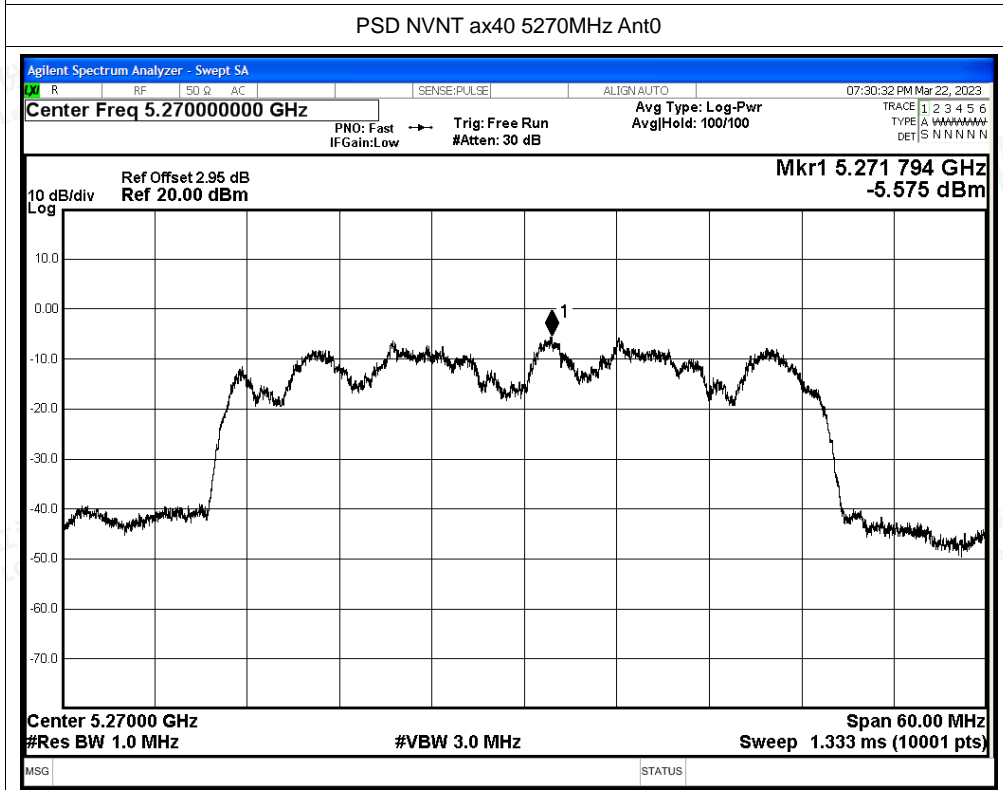
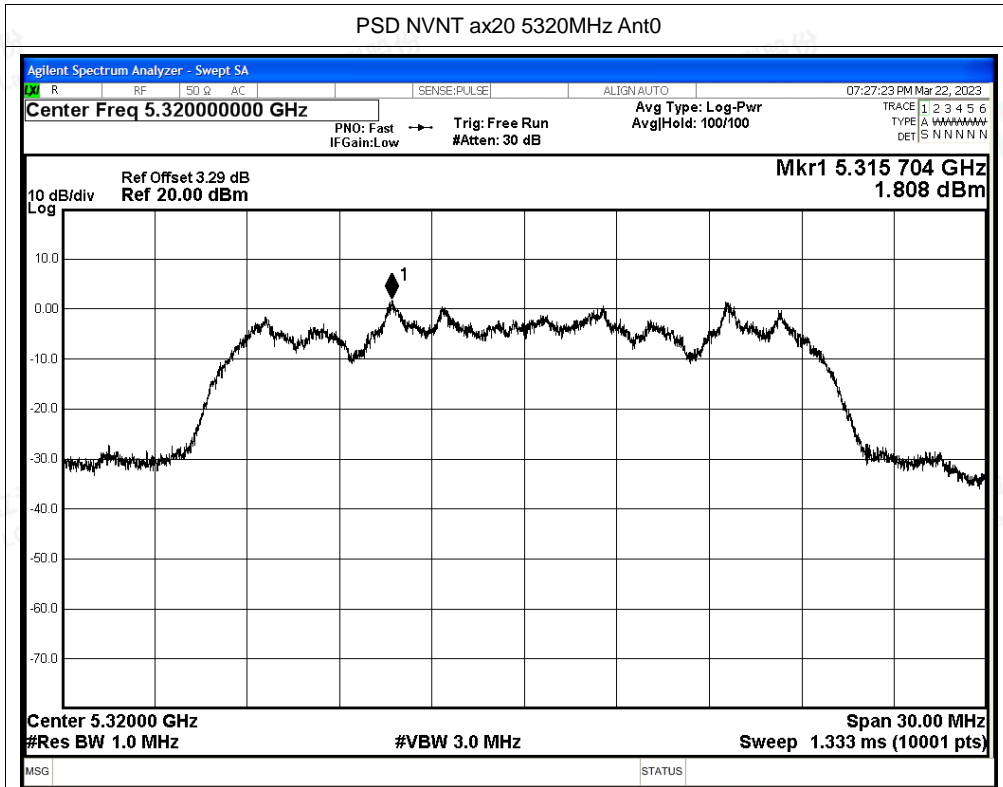


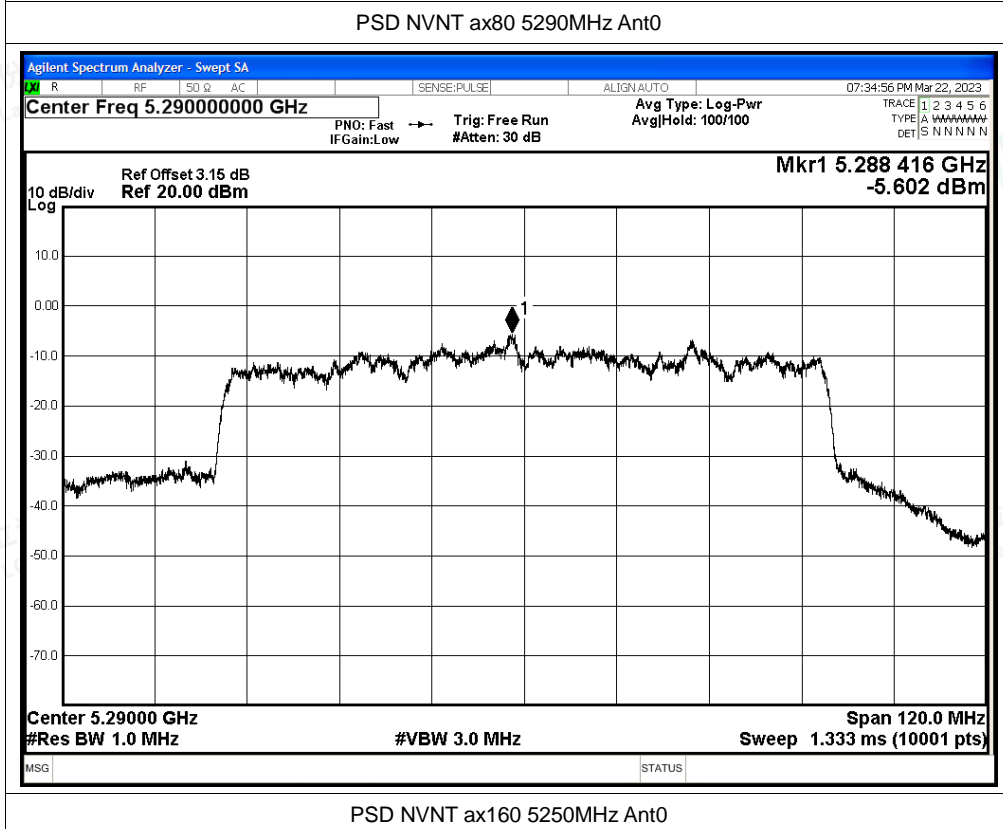
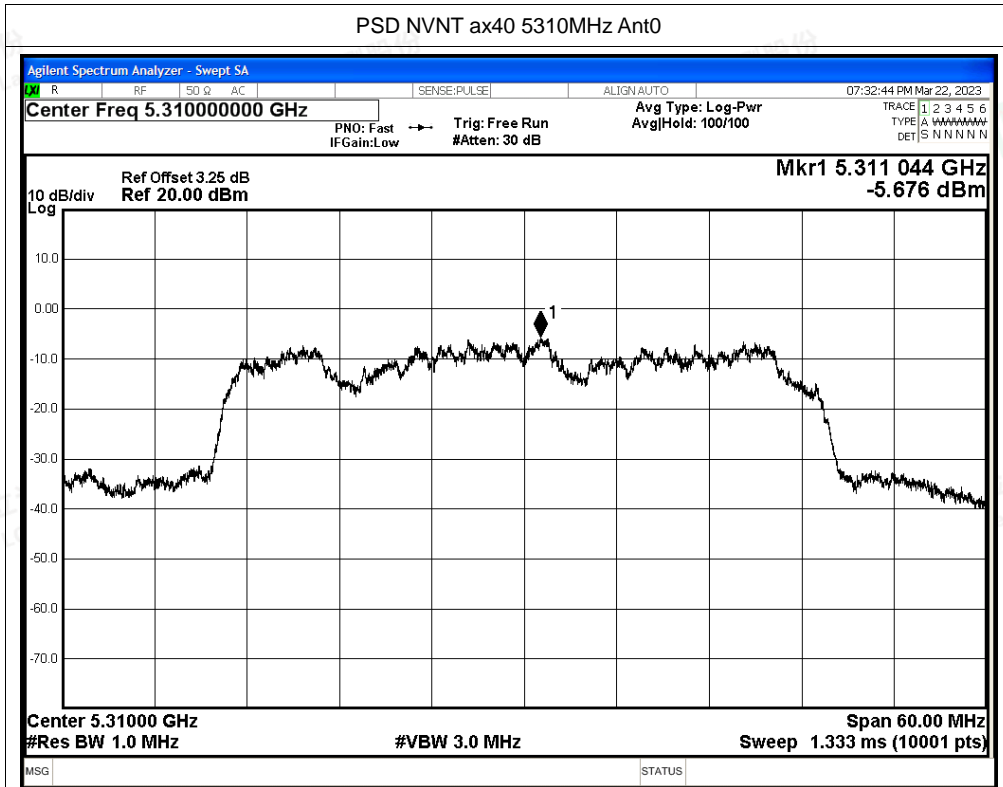
PSD NVNT ac160 5250MHz Ant0





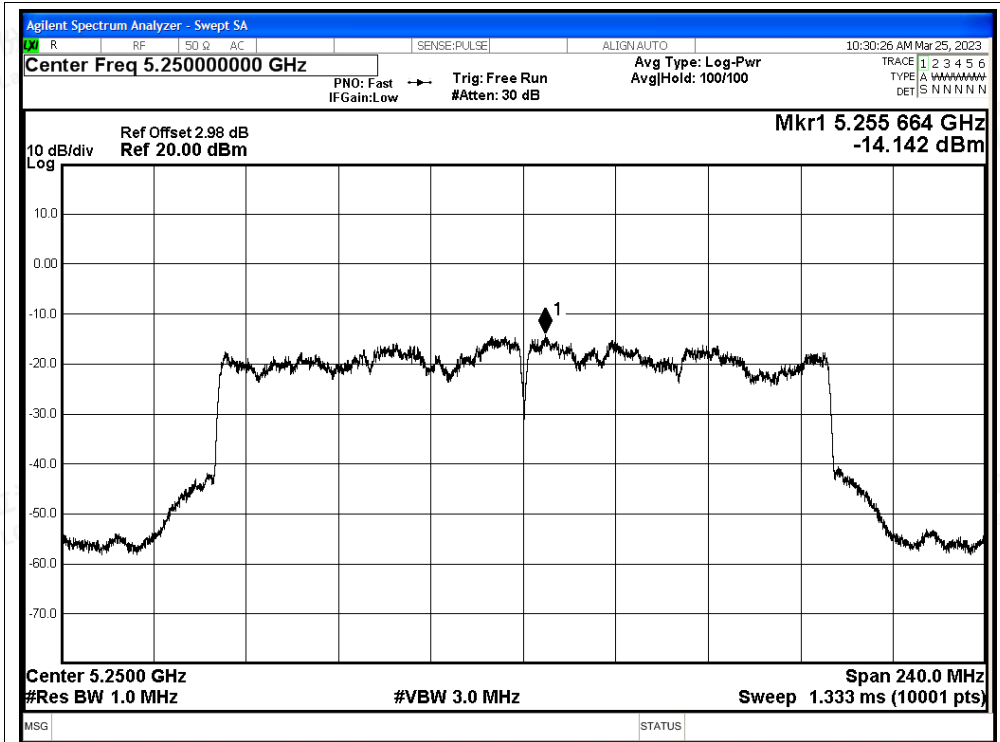






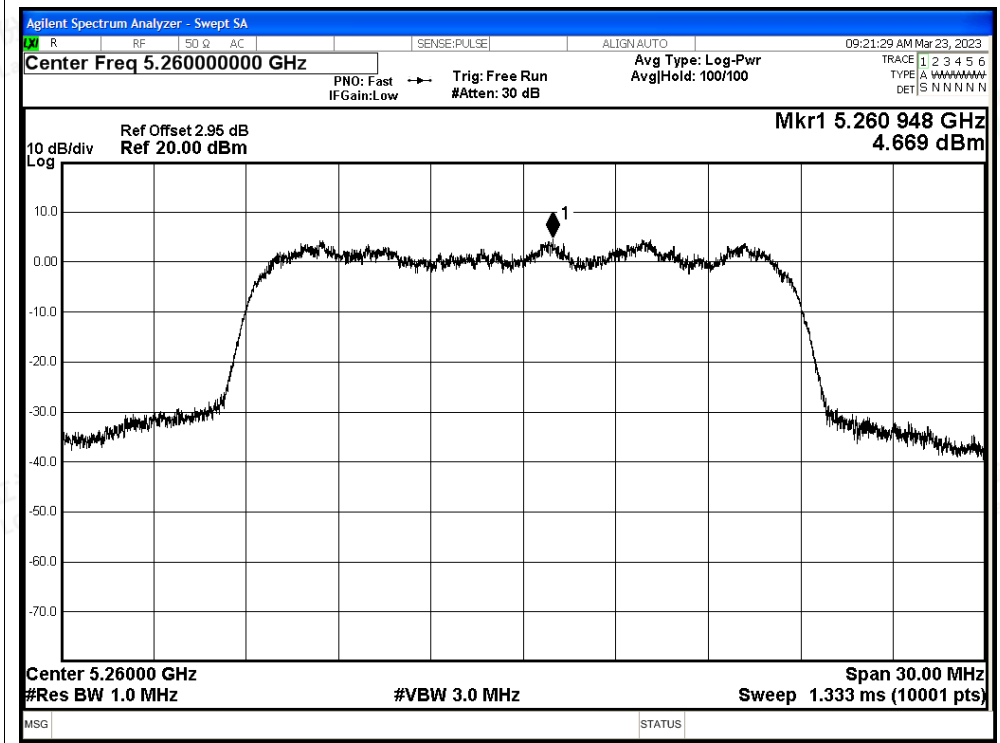
PSD NVNT ax160 5250MHz Ant0





Test Graphs

PSD NVNT a 5260MHz Ant1



PSD NVNT a 5300MHz Ant1



