

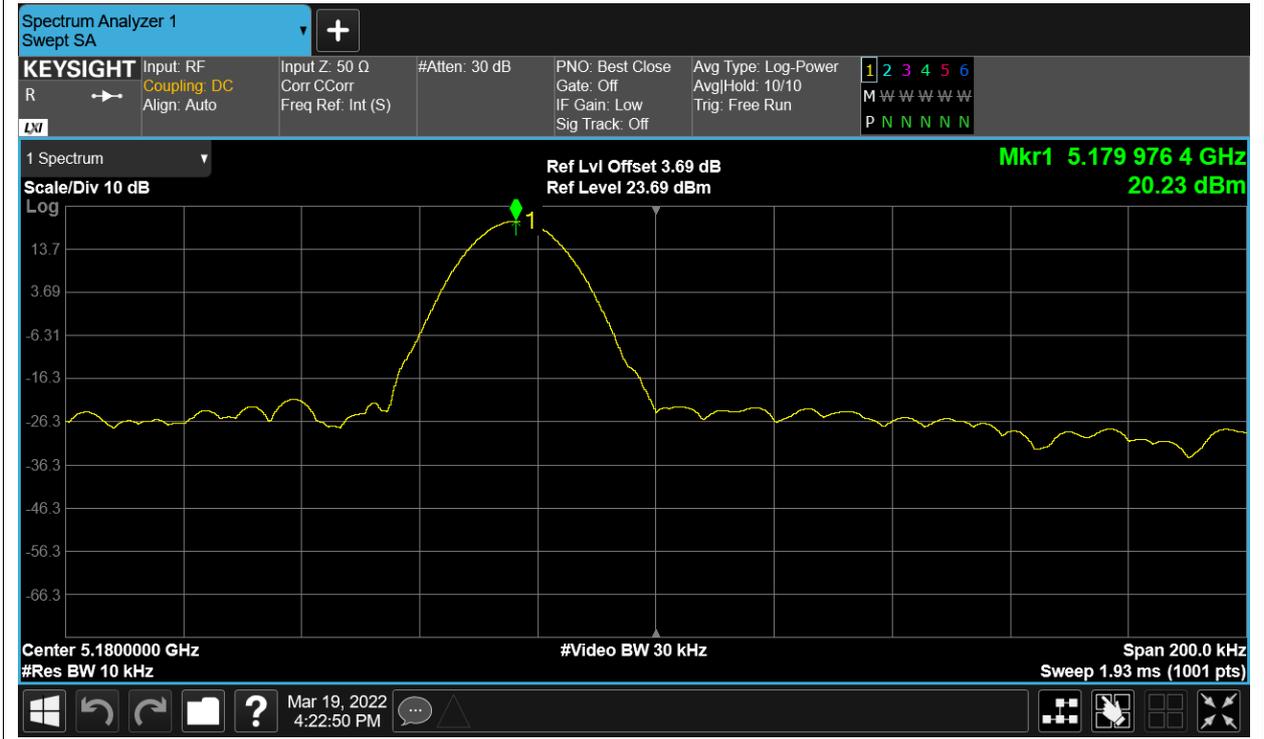
Test Data

Frequency Stability

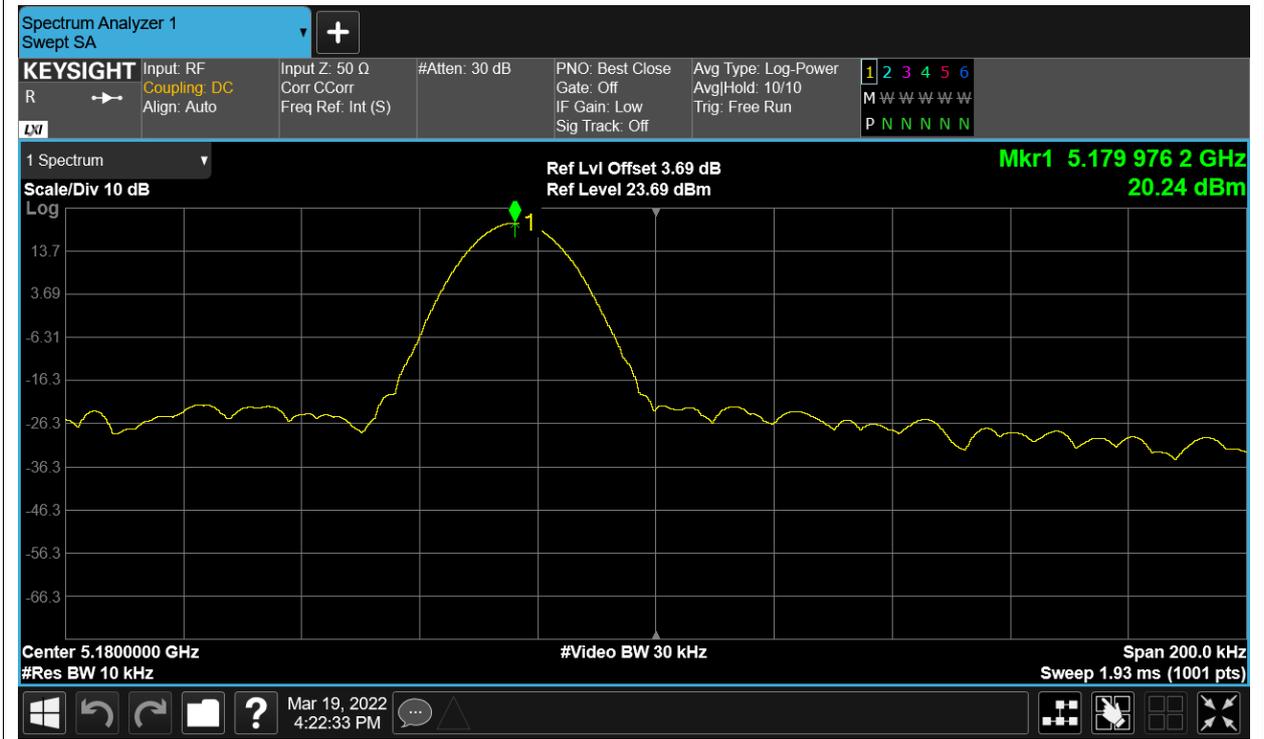
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|-----------------|-------------|---------|
| HVNT | a | 5180 | Ant1 | 5179.9764 | -4.56 | 25 | Pass |
| LVNT | a | 5180 | Ant1 | 5179.9762 | -4.59 | 25 | Pass |
| NVHT | a | 5180 | Ant1 | 5179.9762 | -4.59 | 25 | Pass |
| NVLT | a | 5180 | Ant1 | 5179.9762 | -4.59 | 25 | Pass |
| NVNT | a | 5180 | Ant1 | 5179.9748 | -4.86 | 25 | Pass |
| HVNT | ac80 | 5210 | Ant1 | 5209.9756 | -4.68 | 25 | Pass |
| LVNT | ac80 | 5210 | Ant1 | 5209.9756 | -4.68 | 25 | Pass |
| NVHT | ac80 | 5210 | Ant1 | 5209.9754 | -4.72 | 25 | Pass |
| NVLT | ac80 | 5210 | Ant1 | 5209.9748 | -4.84 | 25 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5209.9746 | -4.88 | 25 | Pass |
| HVNT | n40 | 5190 | Ant1 | 5189.9758 | -4.66 | 25 | Pass |
| LVNT | n40 | 5190 | Ant1 | 5189.9758 | -4.66 | 25 | Pass |
| NVHT | n40 | 5190 | Ant1 | 5189.9756 | -4.7 | 25 | Pass |
| NVLT | n40 | 5190 | Ant1 | 5189.9754 | -4.74 | 25 | Pass |
| NVNT | n40 | 5190 | Ant1 | 5189.9748 | -4.86 | 25 | Pass |

Test Graphs

Freq. Stability HVNT a 5180MHz Ant1



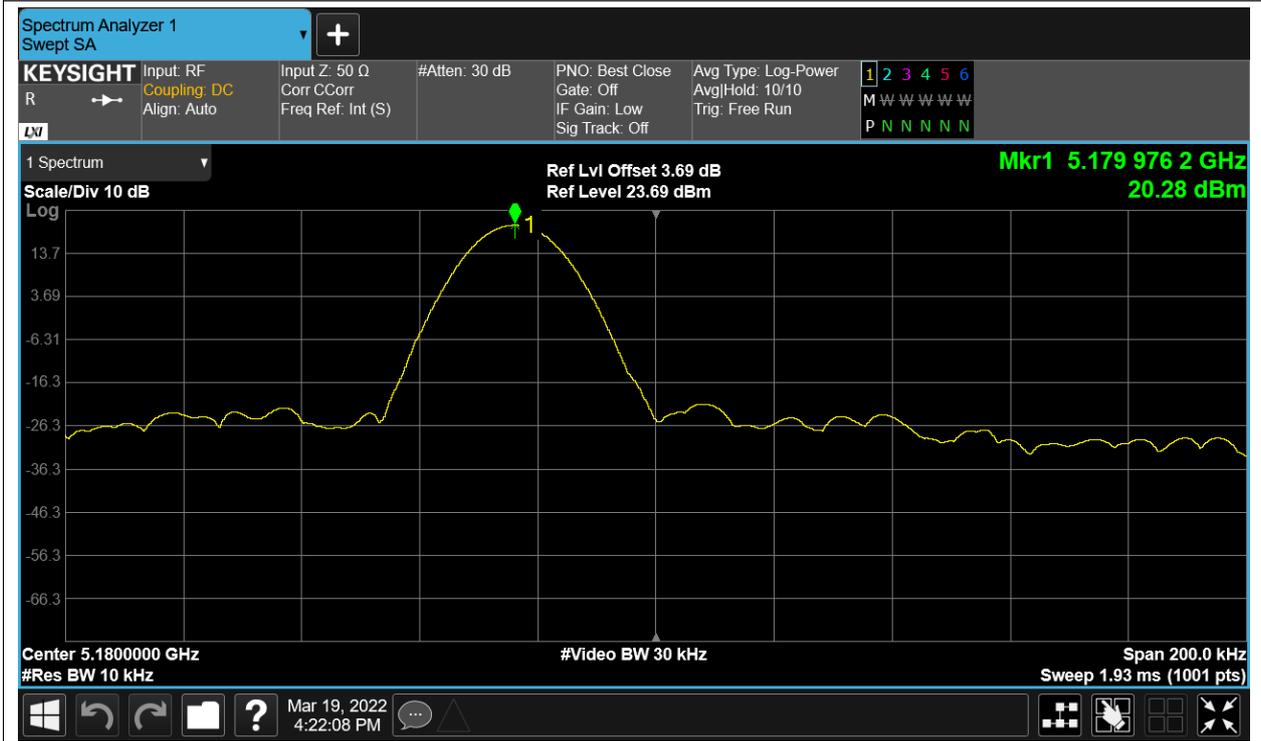
Freq. Stability LVNT a 5180MHz Ant1



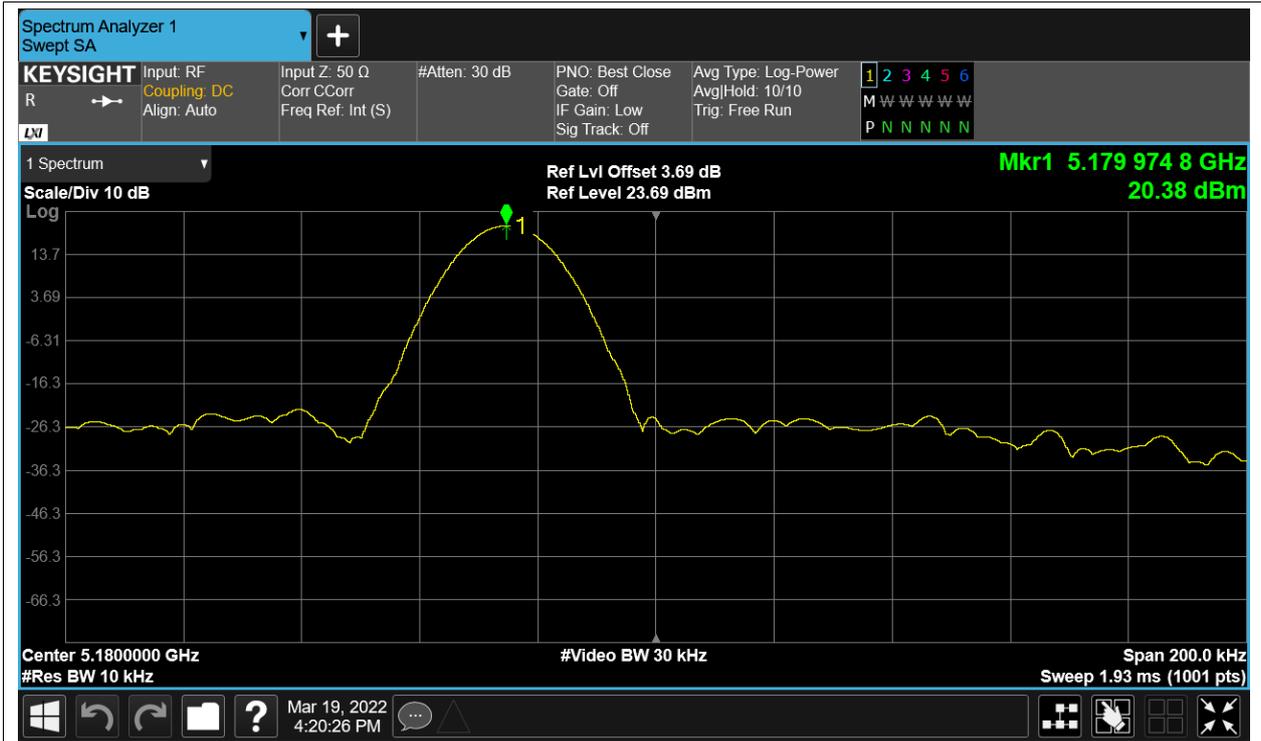
Freq. Stability NVHT a 5180MHz Ant1



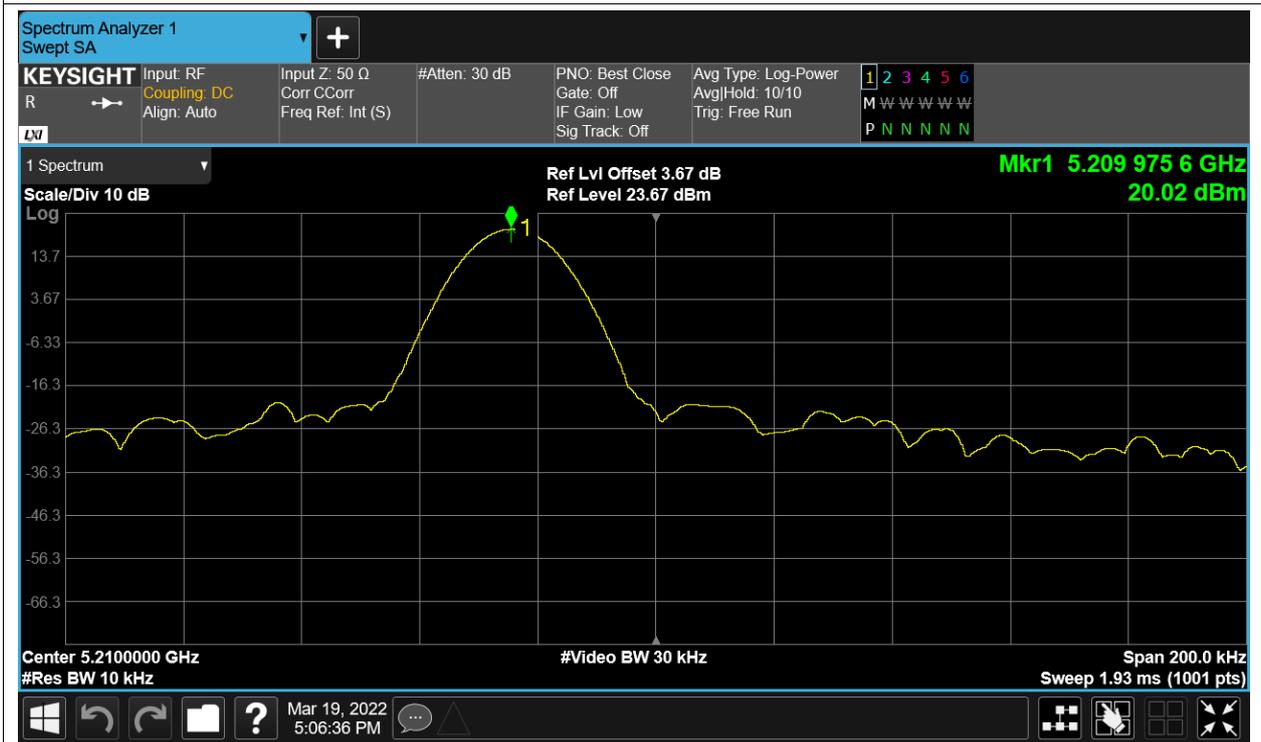
Freq. Stability NVLT a 5180MHz Ant1



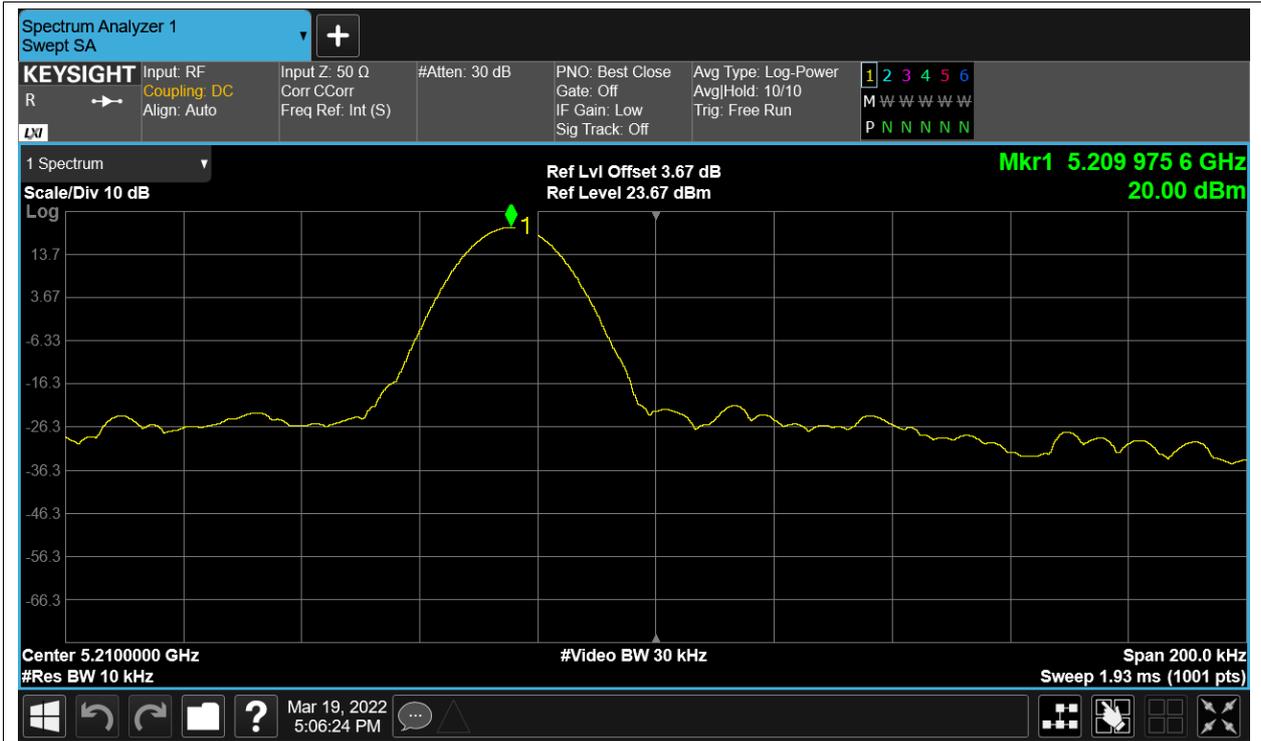
Freq. Stability NVNT a 5180MHz Ant1



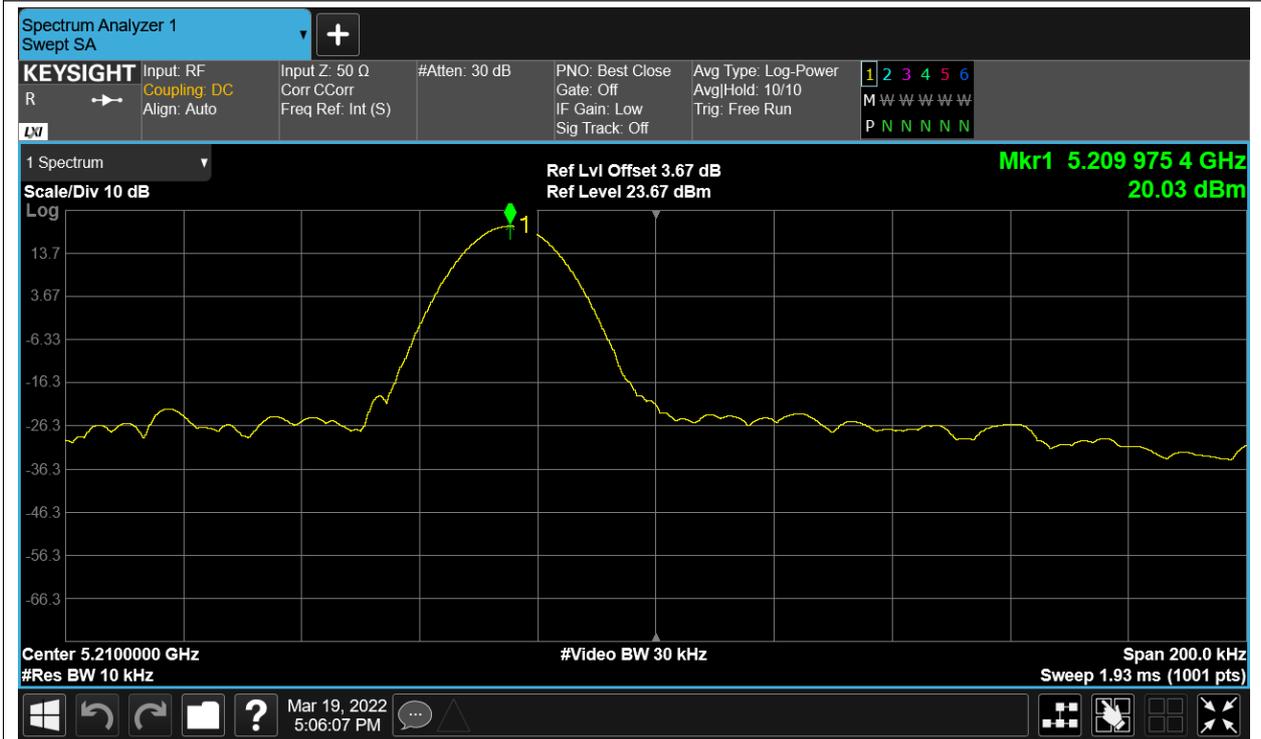
Freq. Stability HVNT ac80 5210MHz Ant1



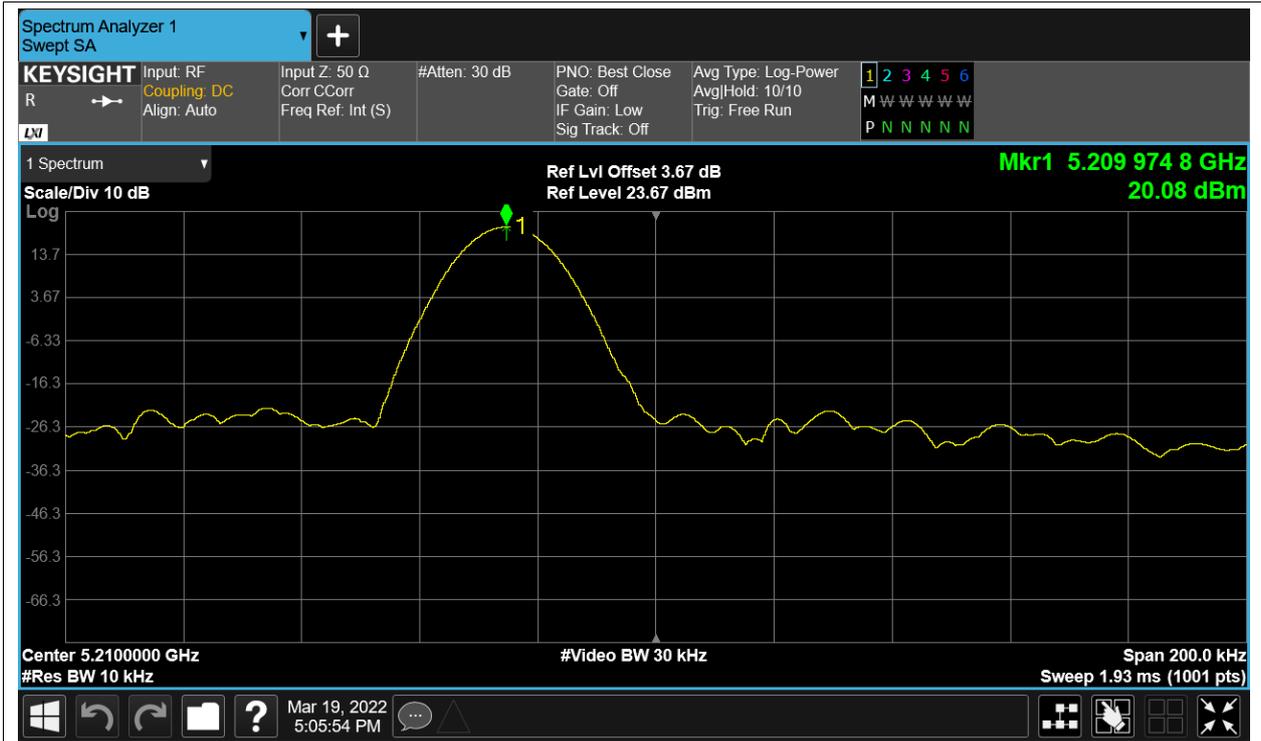
Freq. Stability LVNT ac80 5210MHz Ant1



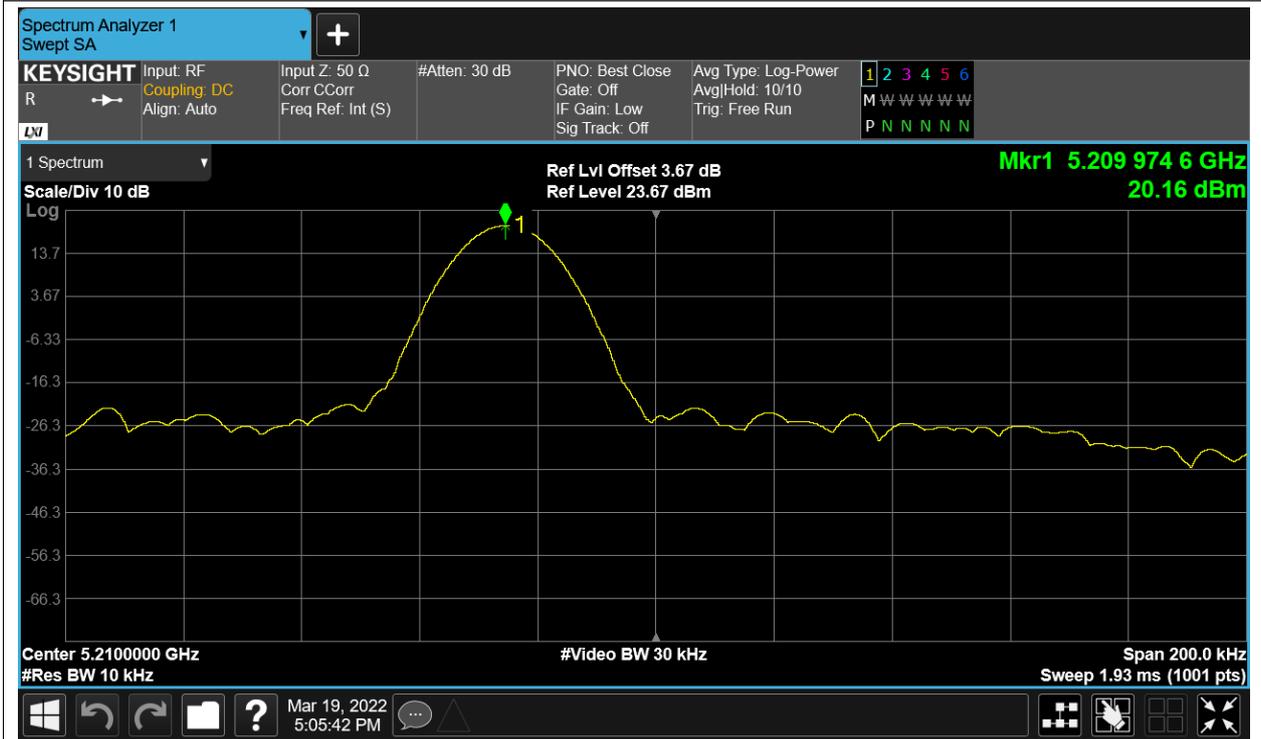
Freq. Stability NVHT ac80 5210MHz Ant1



Freq. Stability NVLT ac80 5210MHz Ant1



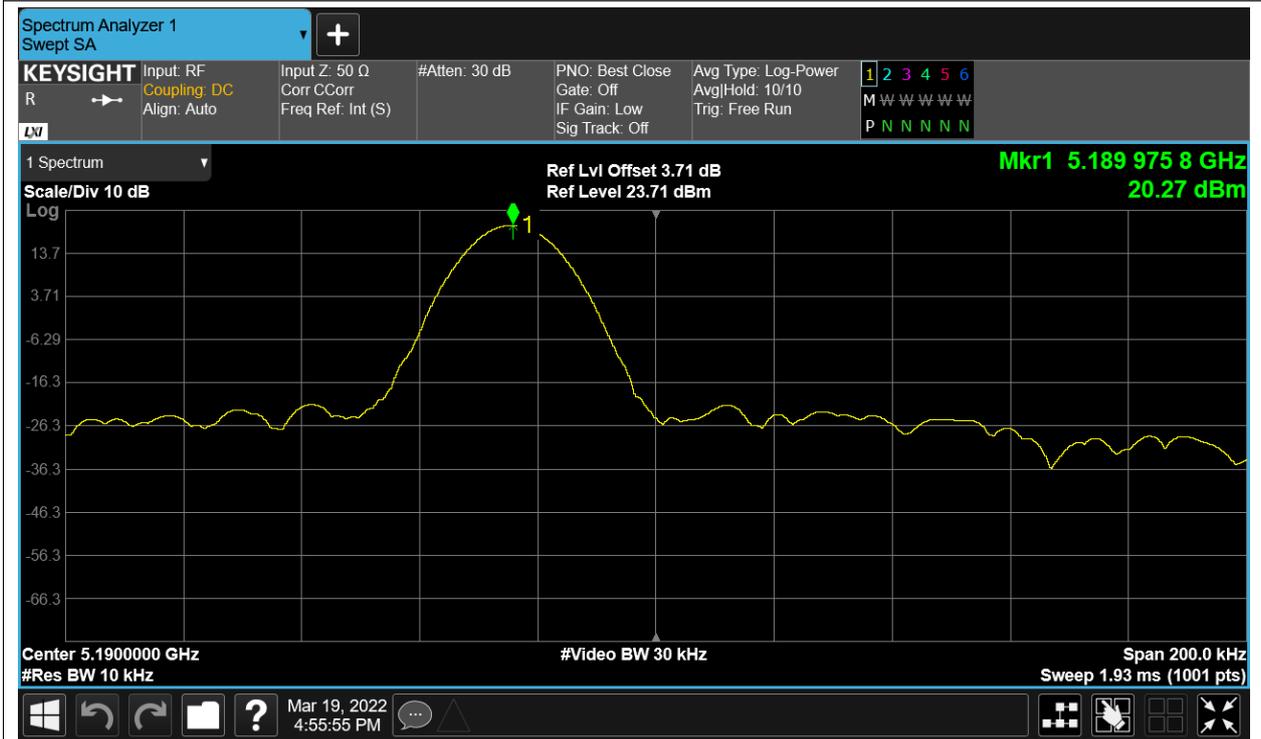
Freq. Stability NVNT ac80 5210MHz Ant1



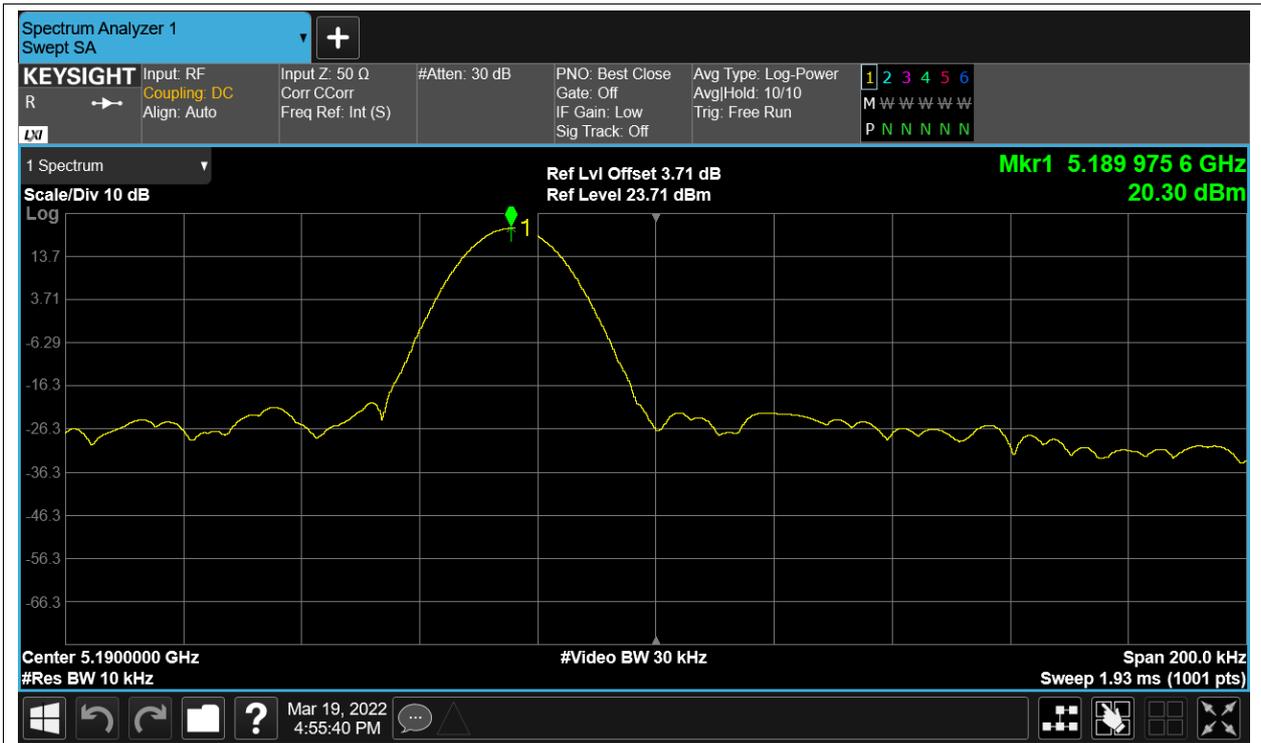
Freq. Stability HVNT n40 5190MHz Ant1



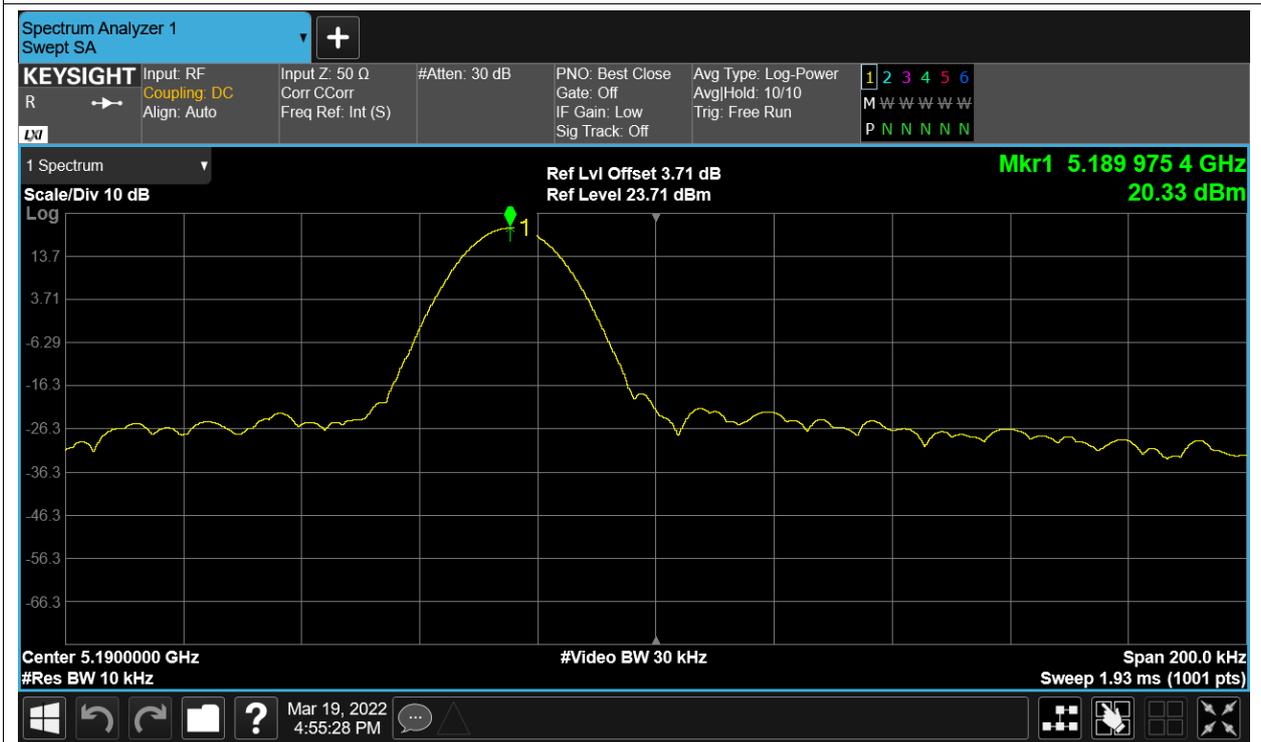
Freq. Stability LVNT n40 5190MHz Ant1



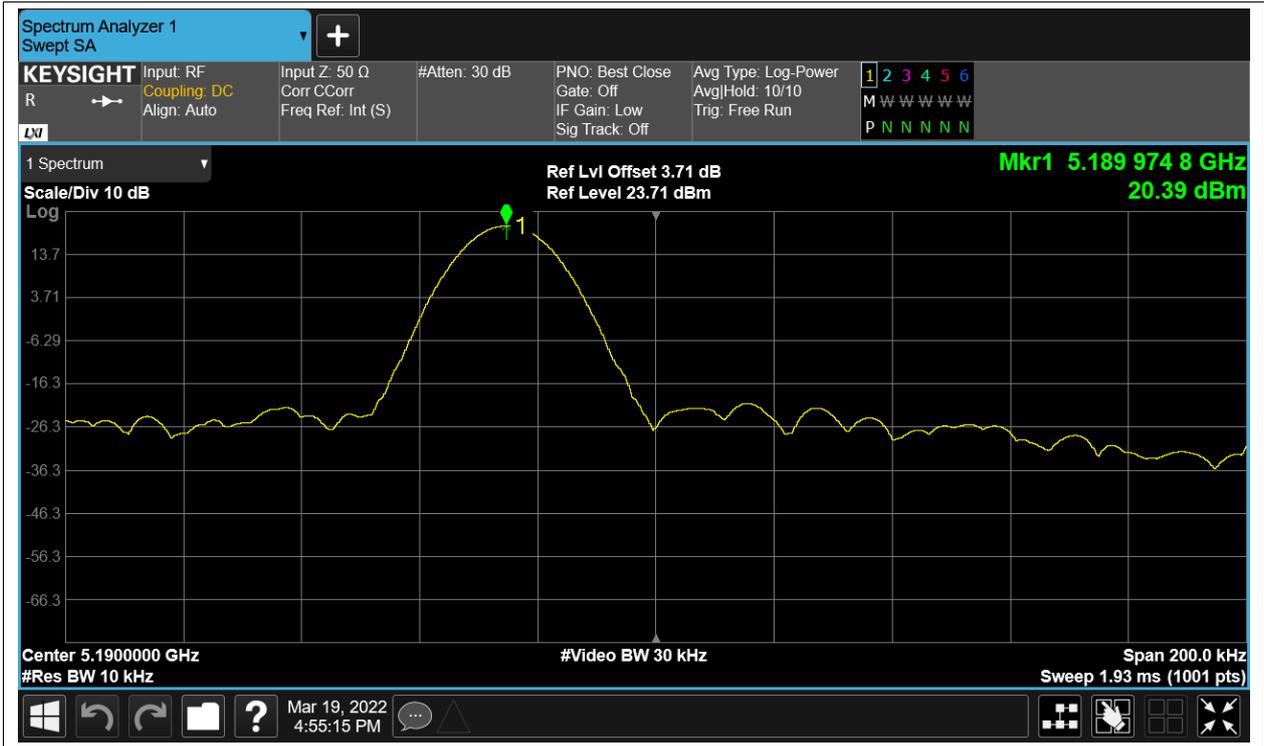
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

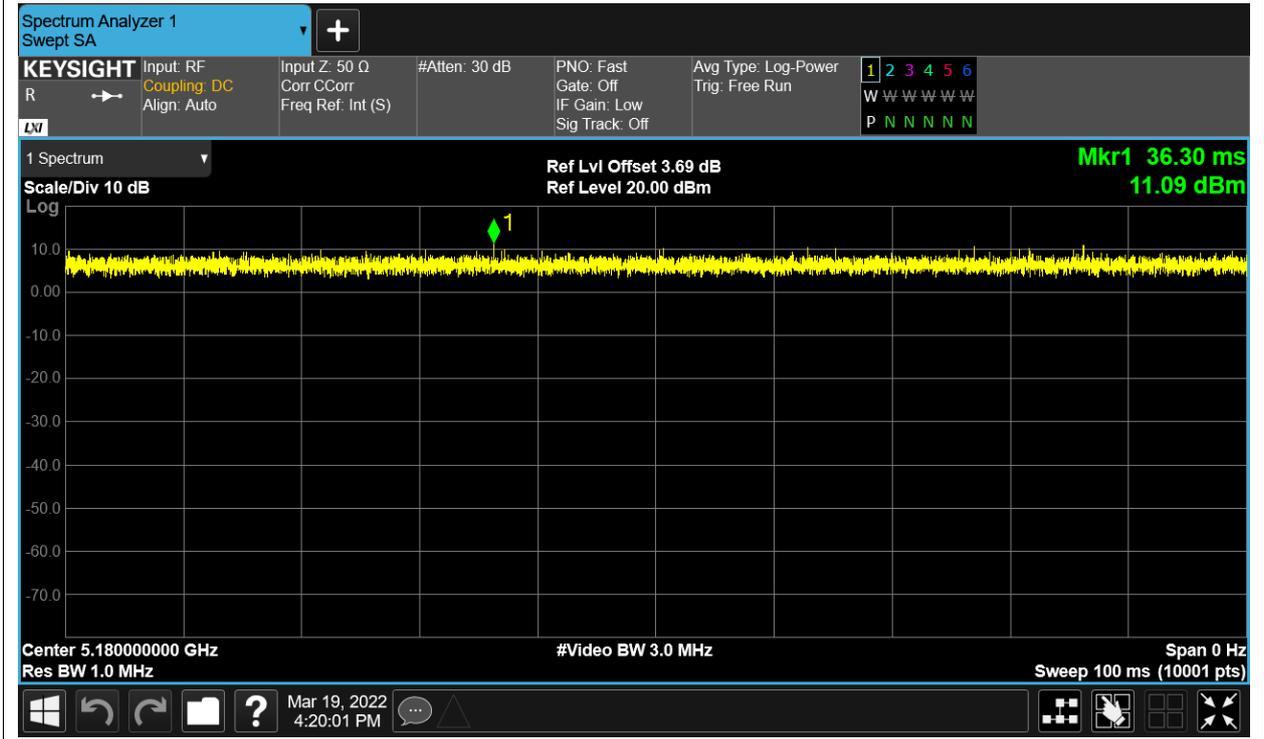


Duty Cycle

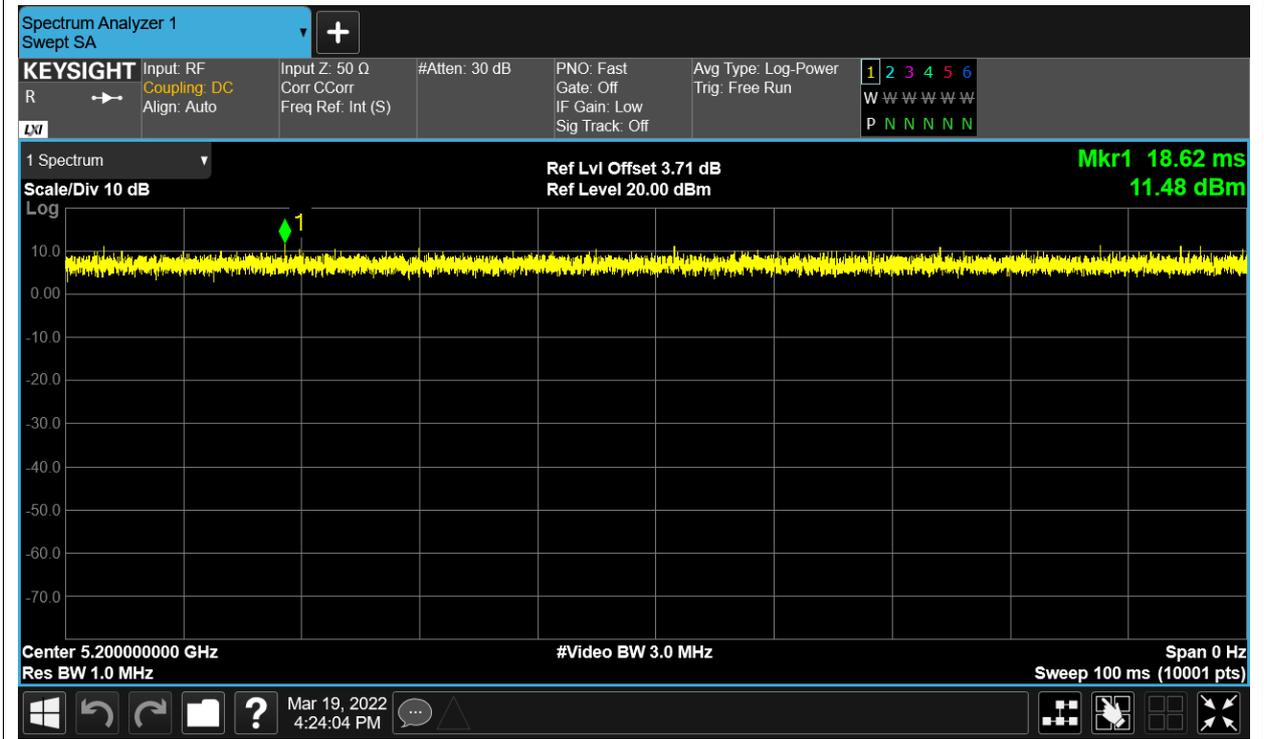
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT | a | 5180 | Ant1 | 100 | 0 |
| NVNT | a | 5200 | Ant1 | 100 | 0 |
| NVNT | a | 5240 | Ant1 | 100 | 0 |
| NVNT | ac20 | 5180 | Ant1 | 100 | 0 |
| NVNT | ac20 | 5200 | Ant1 | 100 | 0 |
| NVNT | ac20 | 5240 | Ant1 | 100 | 0 |
| NVNT | ac40 | 5190 | Ant1 | 100 | 0 |
| NVNT | ac40 | 5230 | Ant1 | 100 | 0 |
| NVNT | ac80 | 5210 | Ant1 | 100 | 0 |
| NVNT | n20 | 5180 | Ant1 | 100 | 0 |
| NVNT | n20 | 5200 | Ant1 | 100 | 0 |
| NVNT | n20 | 5240 | Ant1 | 100 | 0 |
| NVNT | n40 | 5190 | Ant1 | 100 | 0 |
| NVNT | n40 | 5230 | Ant1 | 100 | 0 |

Test Graphs

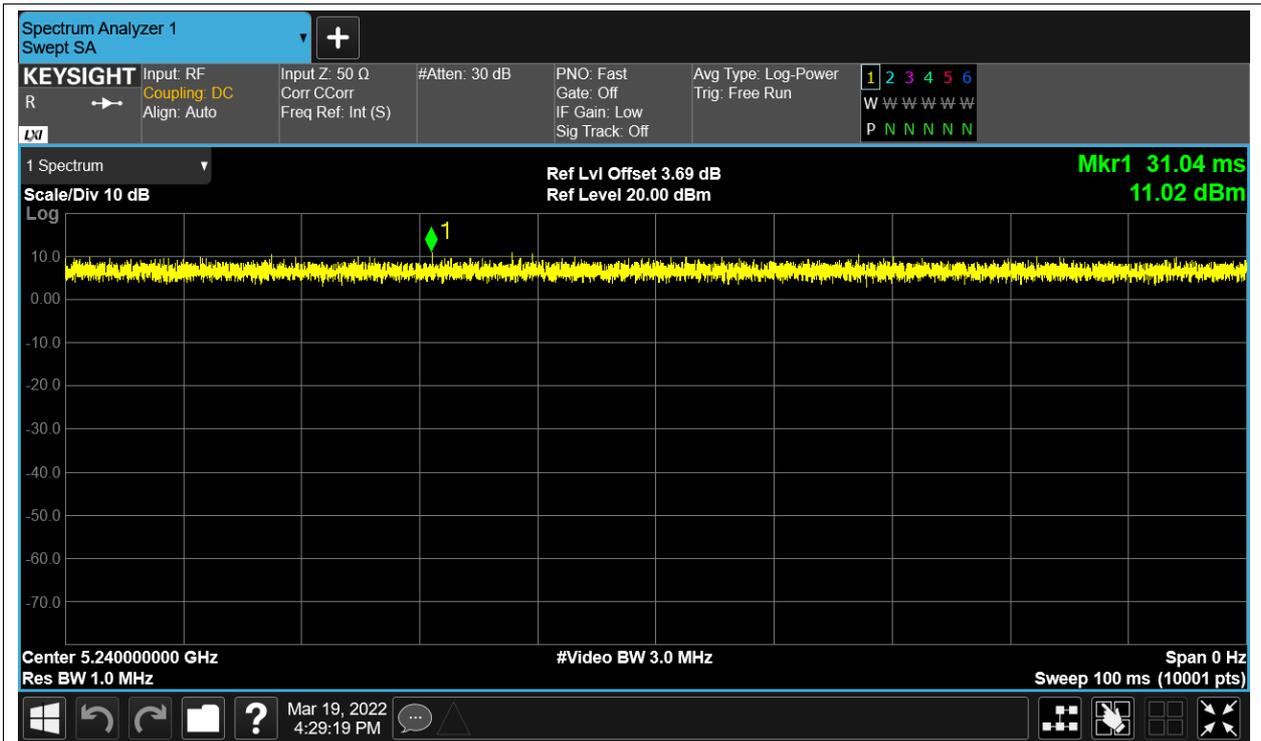
Duty Cycle NVNT a 5180MHz Ant1



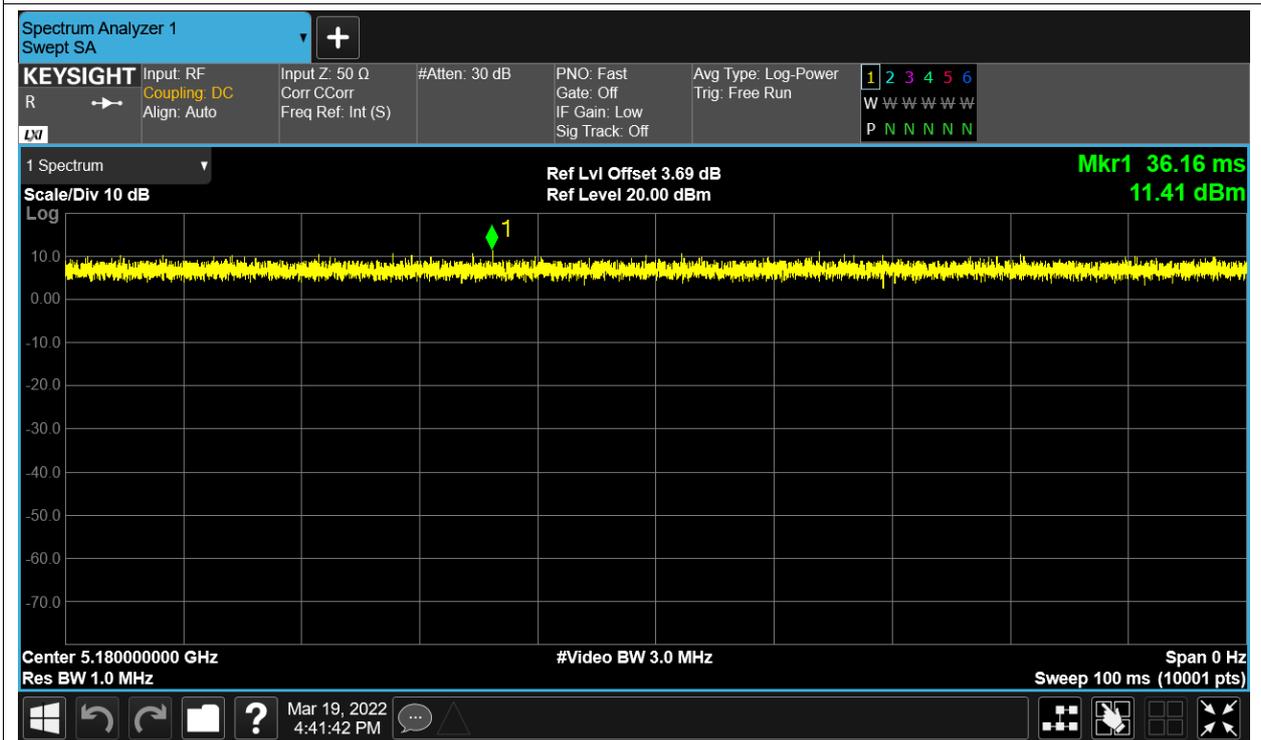
Duty Cycle NVNT a 5200MHz Ant1



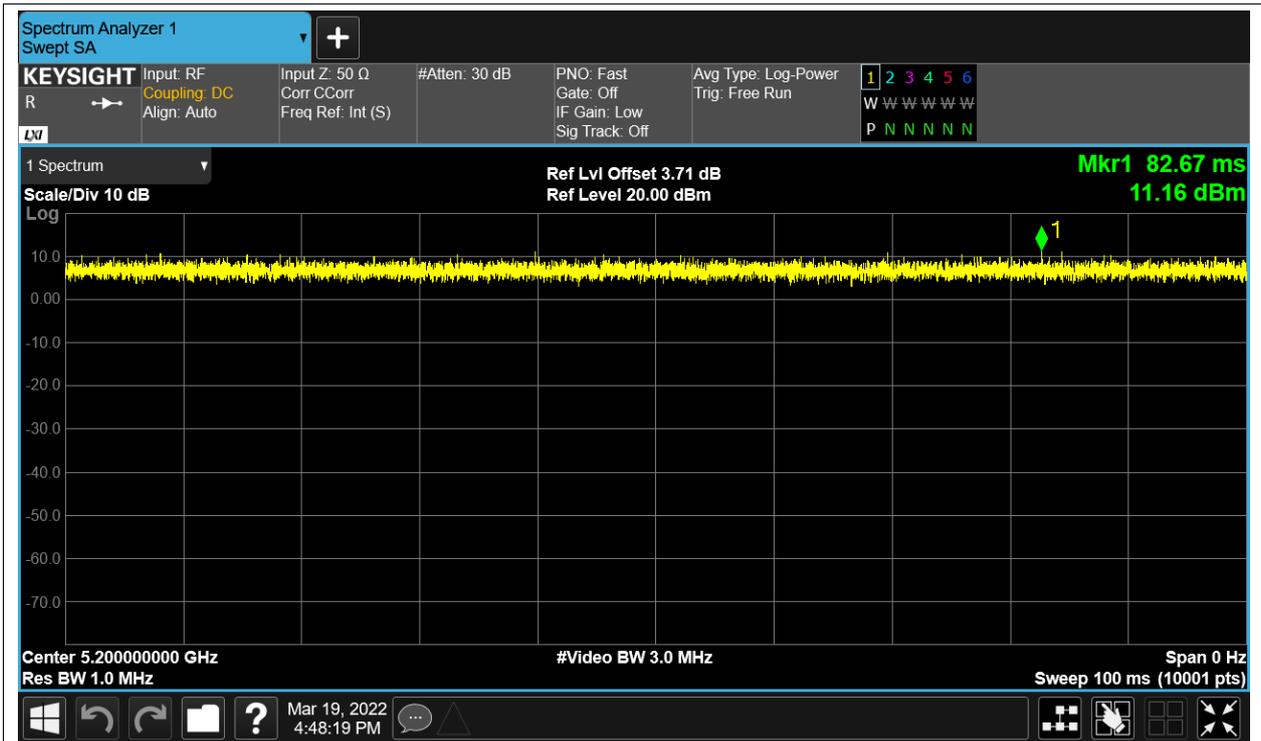
Duty Cycle NVNT a 5240MHz Ant1



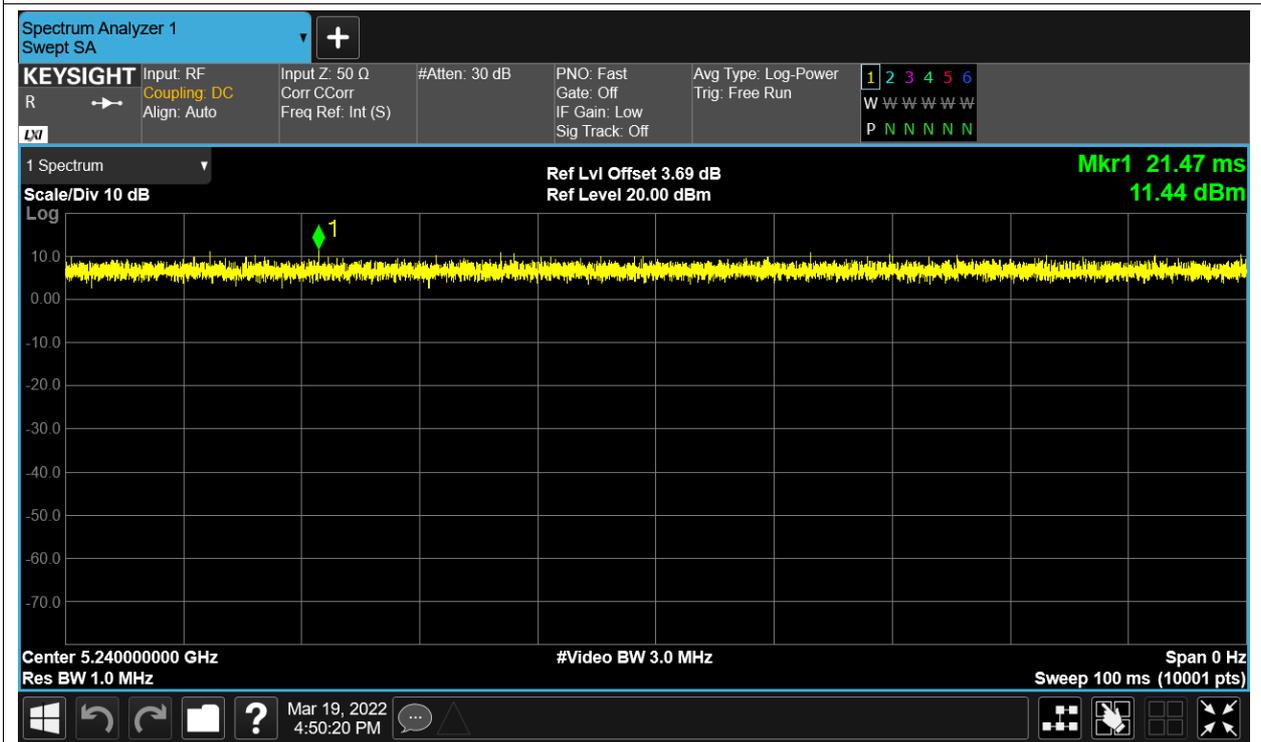
Duty Cycle NVNT ac20 5180MHz Ant1



Duty Cycle NVNT ac20 5200MHz Ant1



Duty Cycle NVNT ac20 5240MHz Ant1



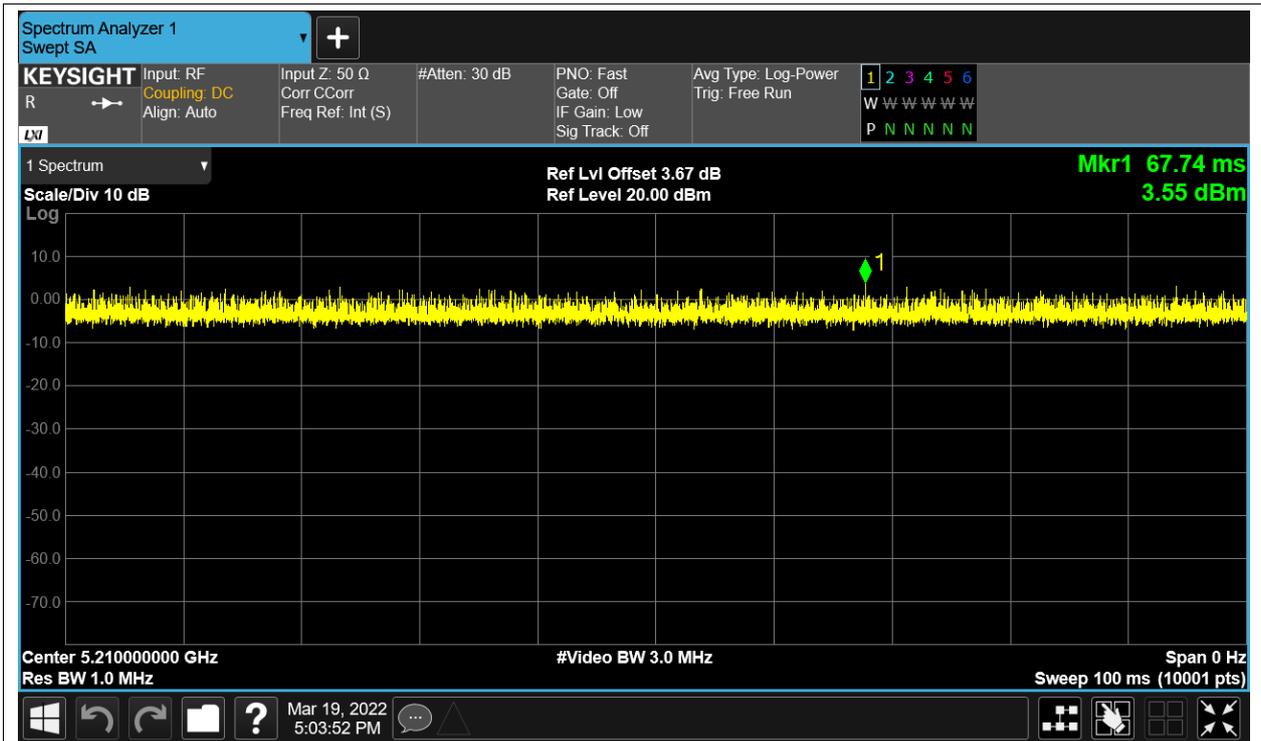
Duty Cycle NVNT ac40 5190MHz Ant1



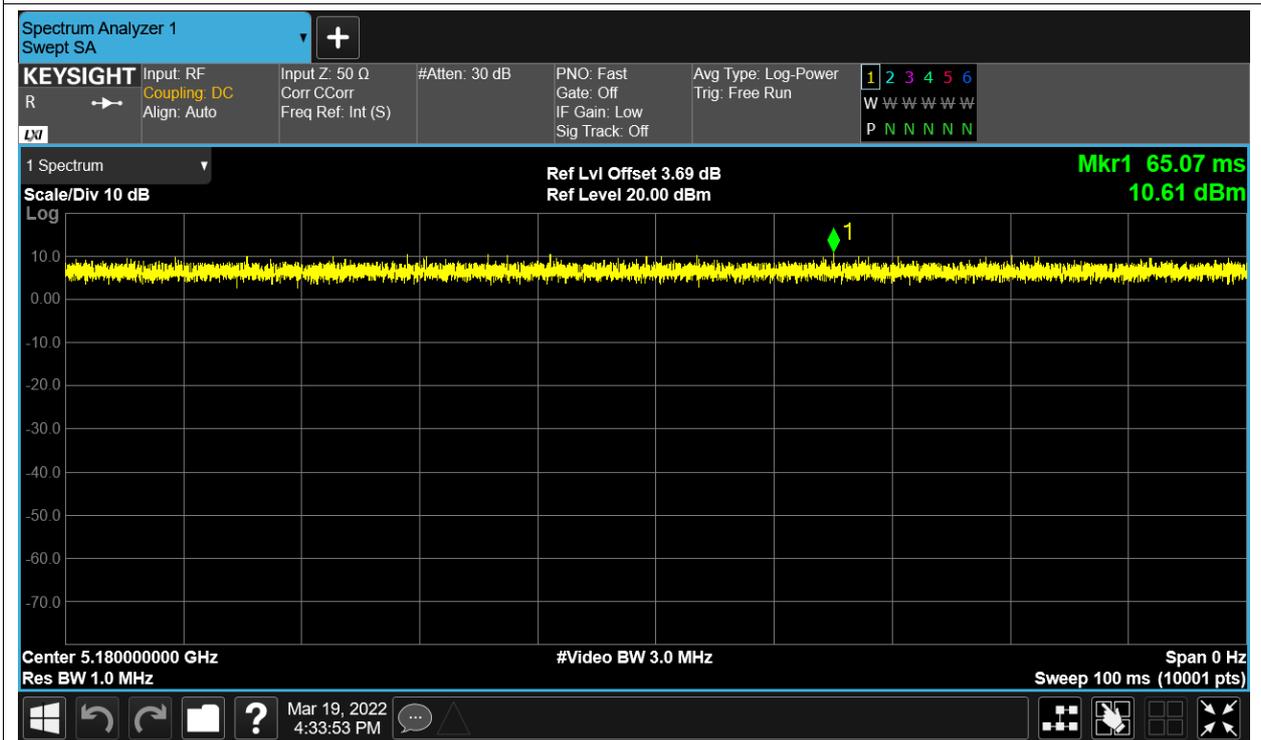
Duty Cycle NVNT ac40 5230MHz Ant1



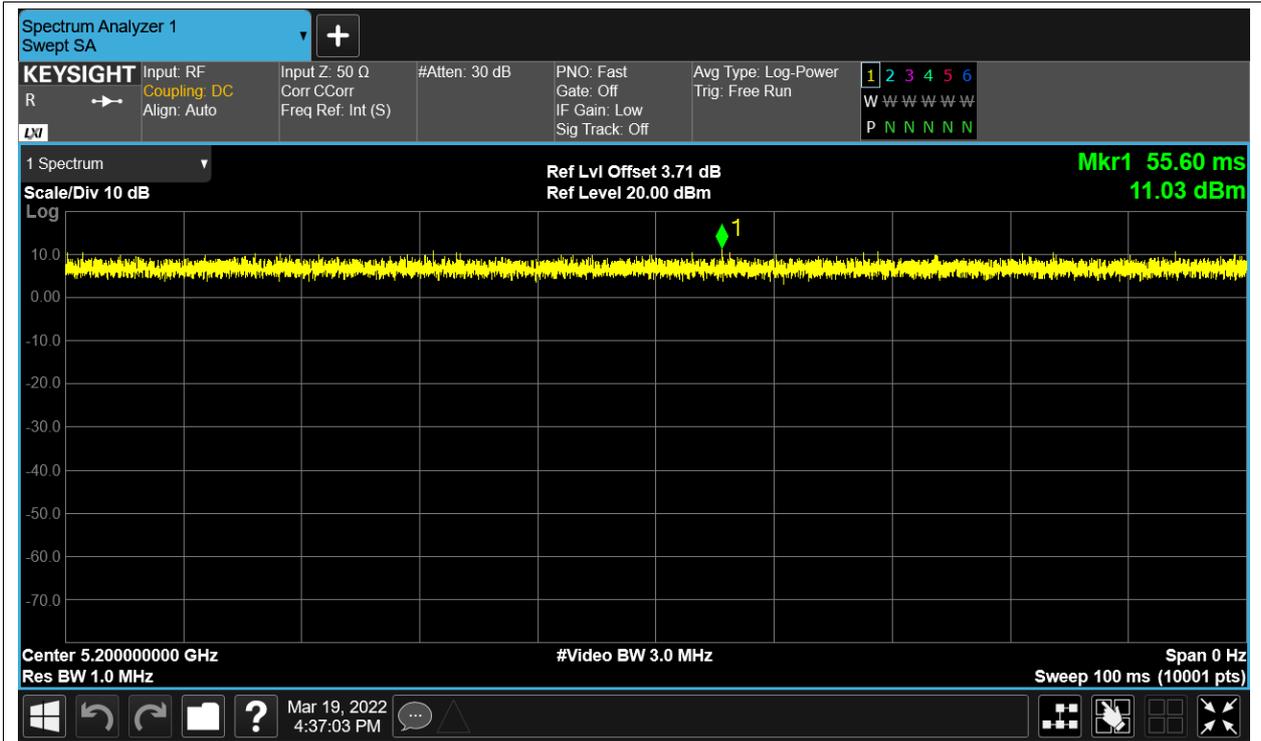
Duty Cycle NVNT ac80 5210MHz Ant1



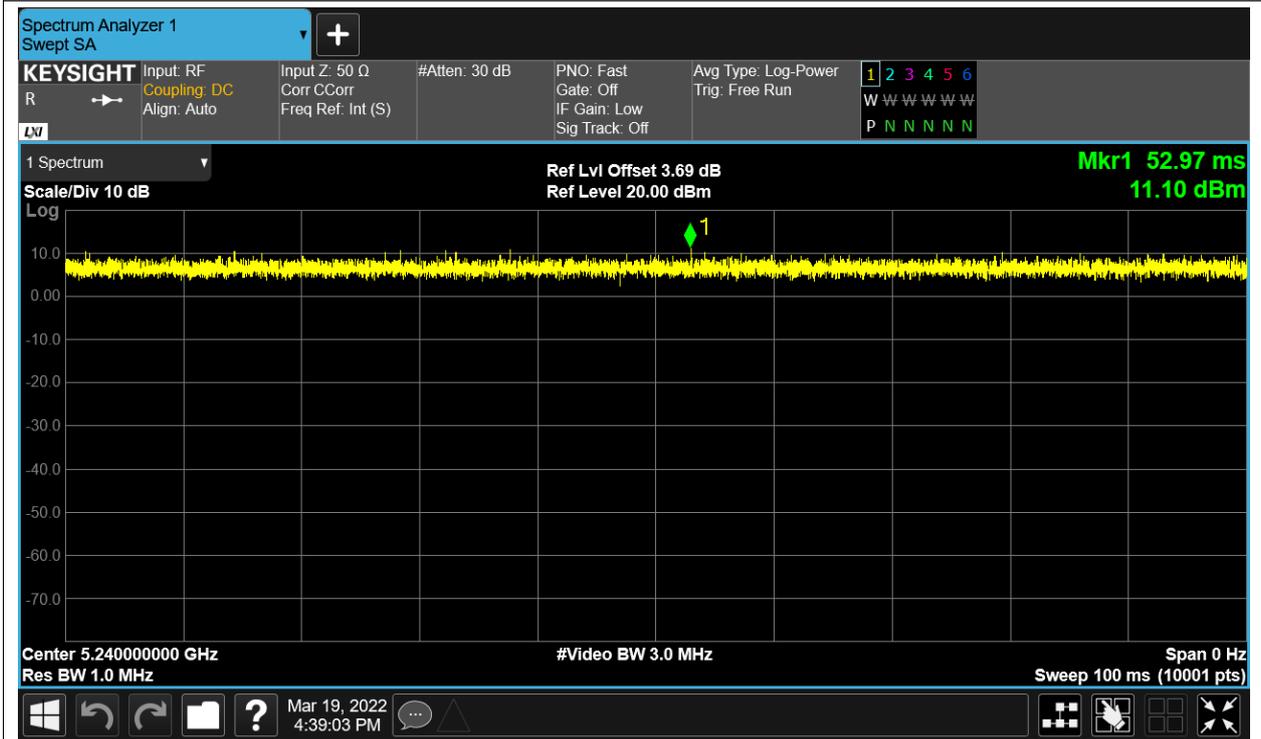
Duty Cycle NVNT n20 5180MHz Ant1



Duty Cycle NVNT n20 5200MHz Ant1



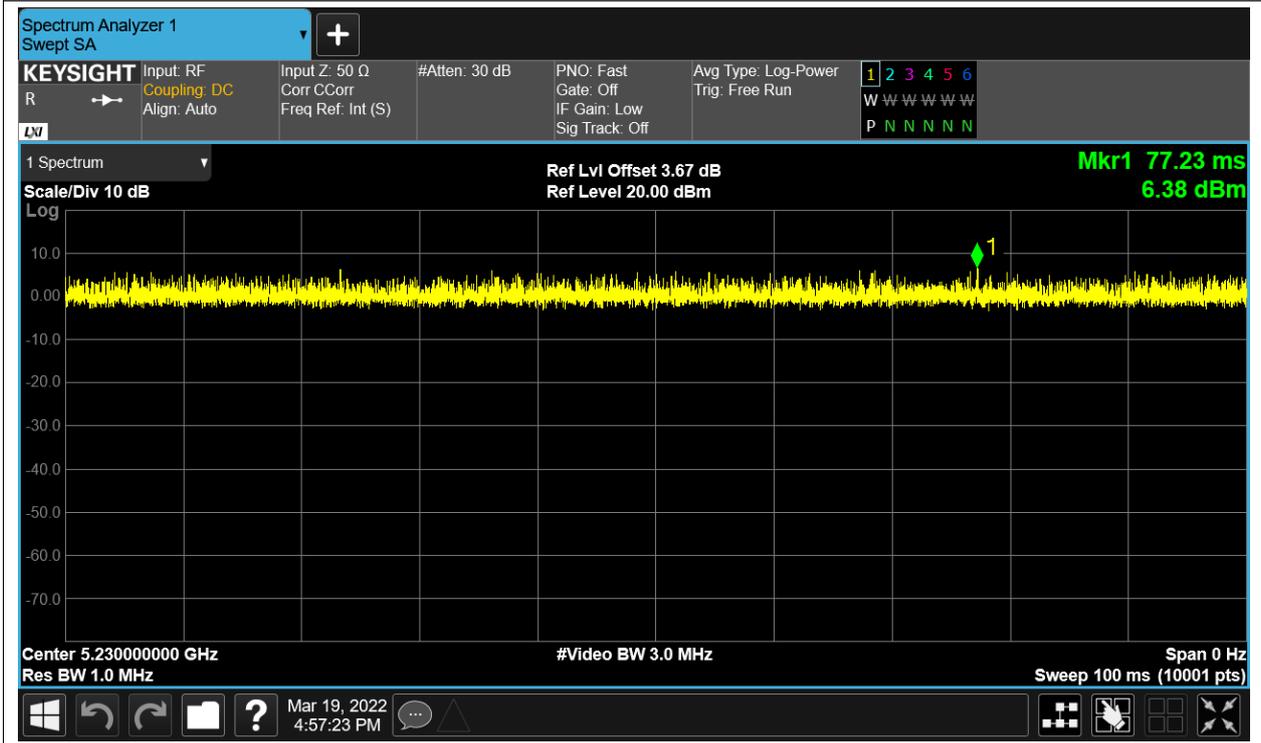
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

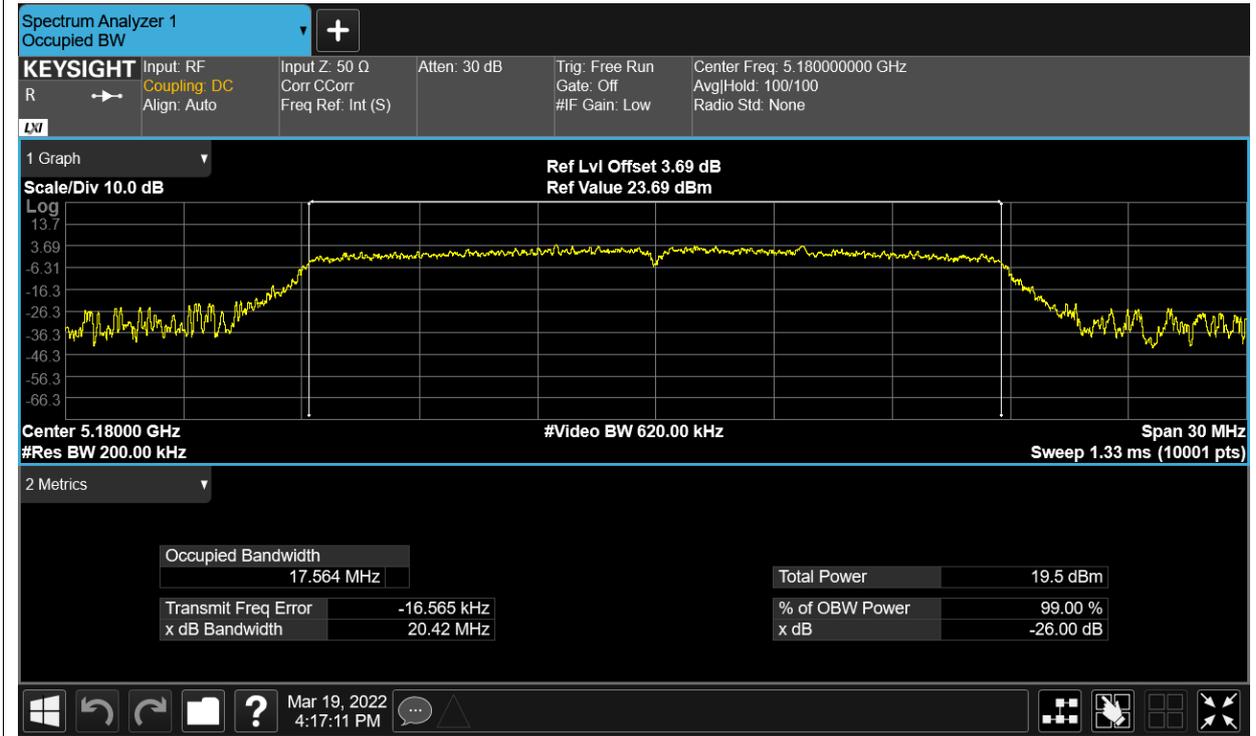
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT | a | 5180 | Ant1 | 13.71 | 0 | 13.71 | 24 | Pass |
| NVNT | a | 5200 | Ant1 | 13.82 | 0 | 13.82 | 24 | Pass |
| NVNT | a | 5240 | Ant1 | 13.44 | 0 | 13.44 | 24 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 16.56 | 0 | 16.56 | 24 | Pass |
| NVNT | ac20 | 5200 | Ant1 | 13.92 | 0 | 13.92 | 24 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 13.41 | 0 | 13.41 | 24 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 13.87 | 0 | 13.87 | 24 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 13.25 | 0 | 13.25 | 24 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 13.48 | 0 | 13.48 | 24 | Pass |
| NVNT | n20 | 5180 | Ant1 | 13.82 | 0 | 13.82 | 24 | Pass |
| NVNT | n20 | 5200 | Ant1 | 13.81 | 0 | 13.81 | 24 | Pass |
| NVNT | n20 | 5240 | Ant1 | 13.41 | 0 | 13.41 | 24 | Pass |
| NVNT | n40 | 5190 | Ant1 | 13.84 | 0 | 13.84 | 24 | Pass |
| NVNT | n40 | 5230 | Ant1 | 13.32 | 0 | 13.32 | 24 | Pass |

Occupied Channel Bandwidth

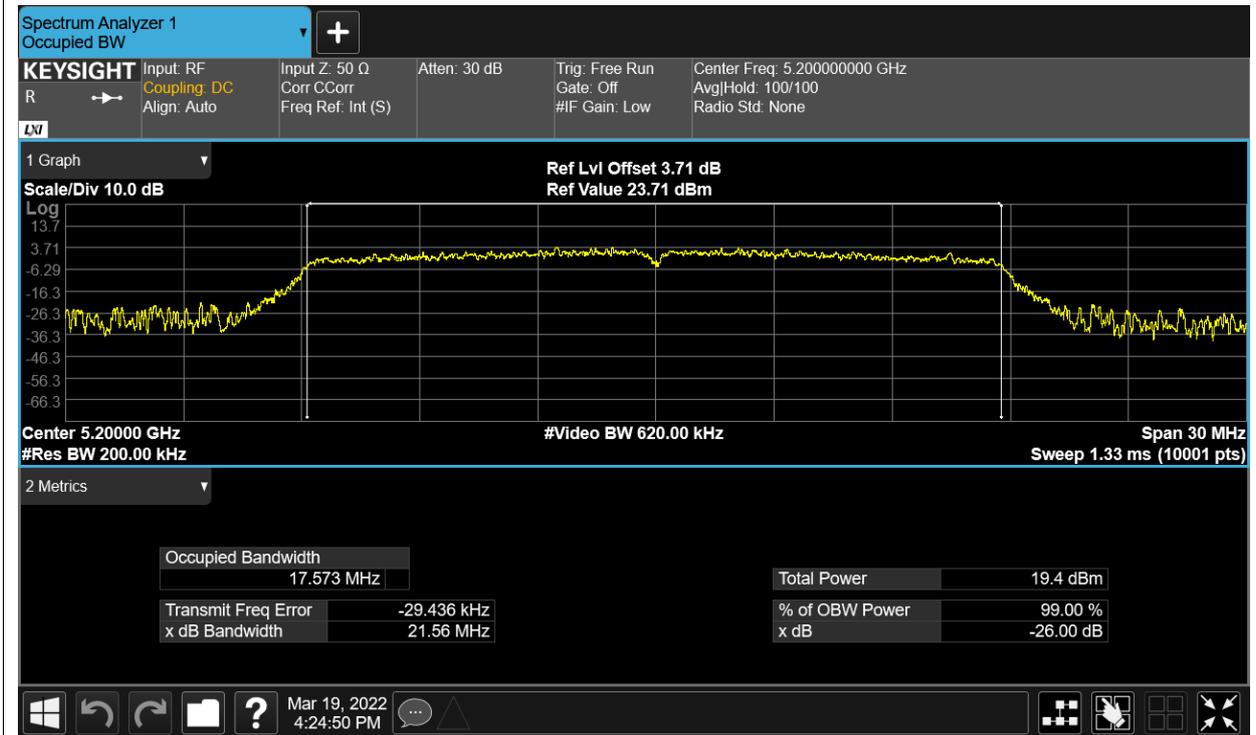
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT | a | 5180 | Ant1 | 17.56412254 |
| NVNT | a | 5200 | Ant1 | 17.57314489 |
| NVNT | a | 5240 | Ant1 | 17.54583543 |
| NVNT | ac20 | 5180 | Ant1 | 17.71250673 |
| NVNT | ac20 | 5200 | Ant1 | 17.58499781 |
| NVNT | ac20 | 5240 | Ant1 | 17.55660568 |
| NVNT | ac40 | 5190 | Ant1 | 35.94751857 |
| NVNT | ac40 | 5230 | Ant1 | 35.9397411 |
| NVNT | ac80 | 5210 | Ant1 | 75.24281396 |
| NVNT | n20 | 5180 | Ant1 | 17.5499564 |
| NVNT | n20 | 5200 | Ant1 | 17.58305889 |
| NVNT | n20 | 5240 | Ant1 | 17.56622584 |
| NVNT | n40 | 5190 | Ant1 | 35.96452541 |
| NVNT | n40 | 5230 | Ant1 | 35.99499076 |

Test Graphs

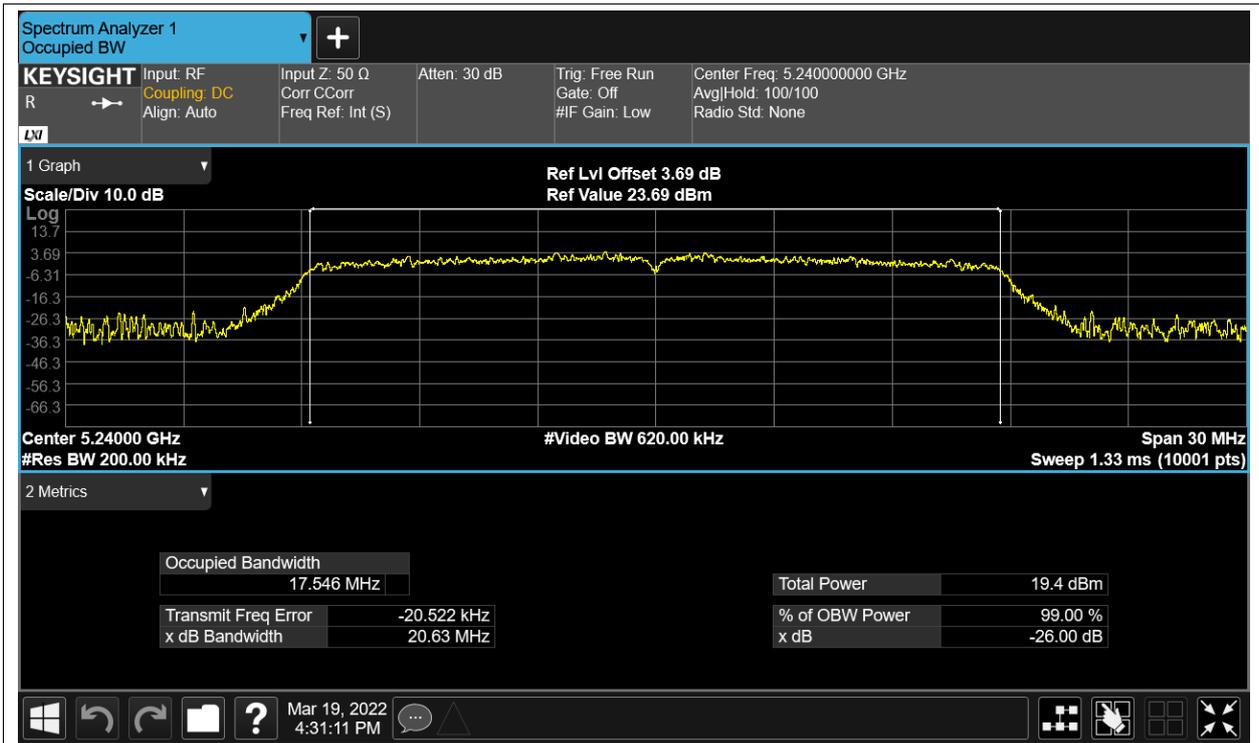
OBW NVNT a 5180MHz Ant1



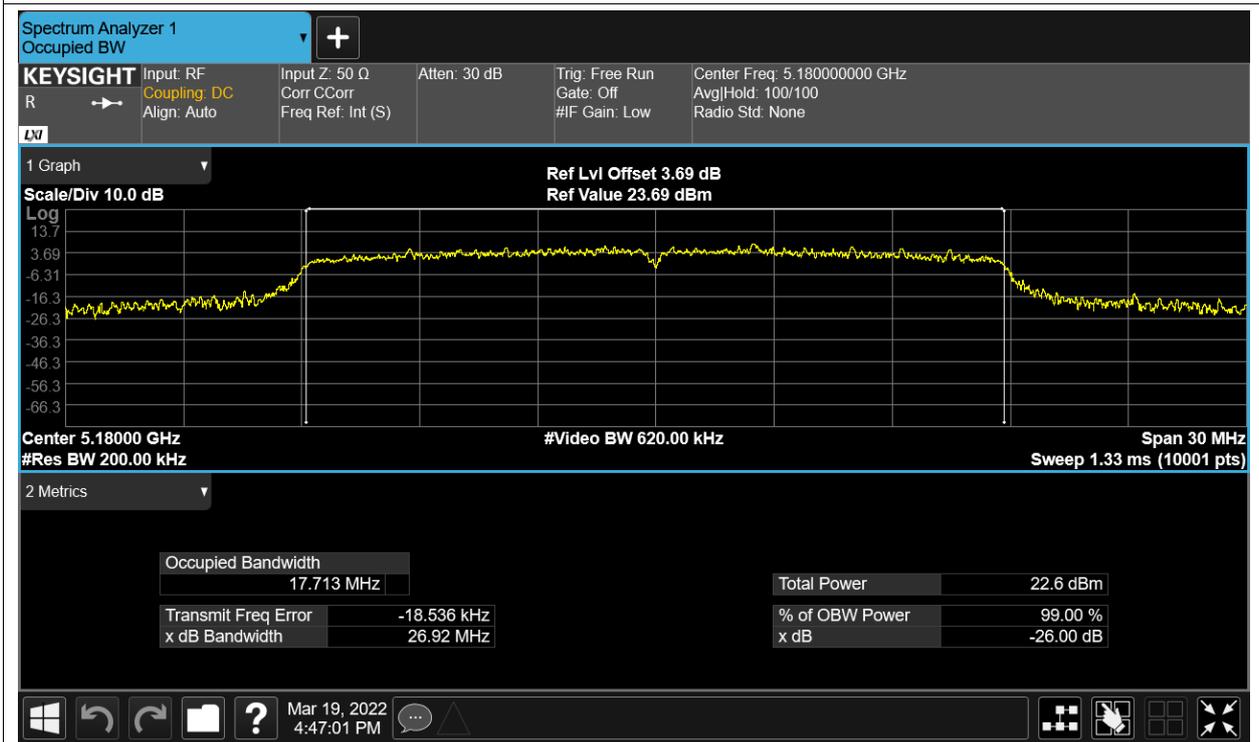
OBW NVNT a 5200MHz Ant1



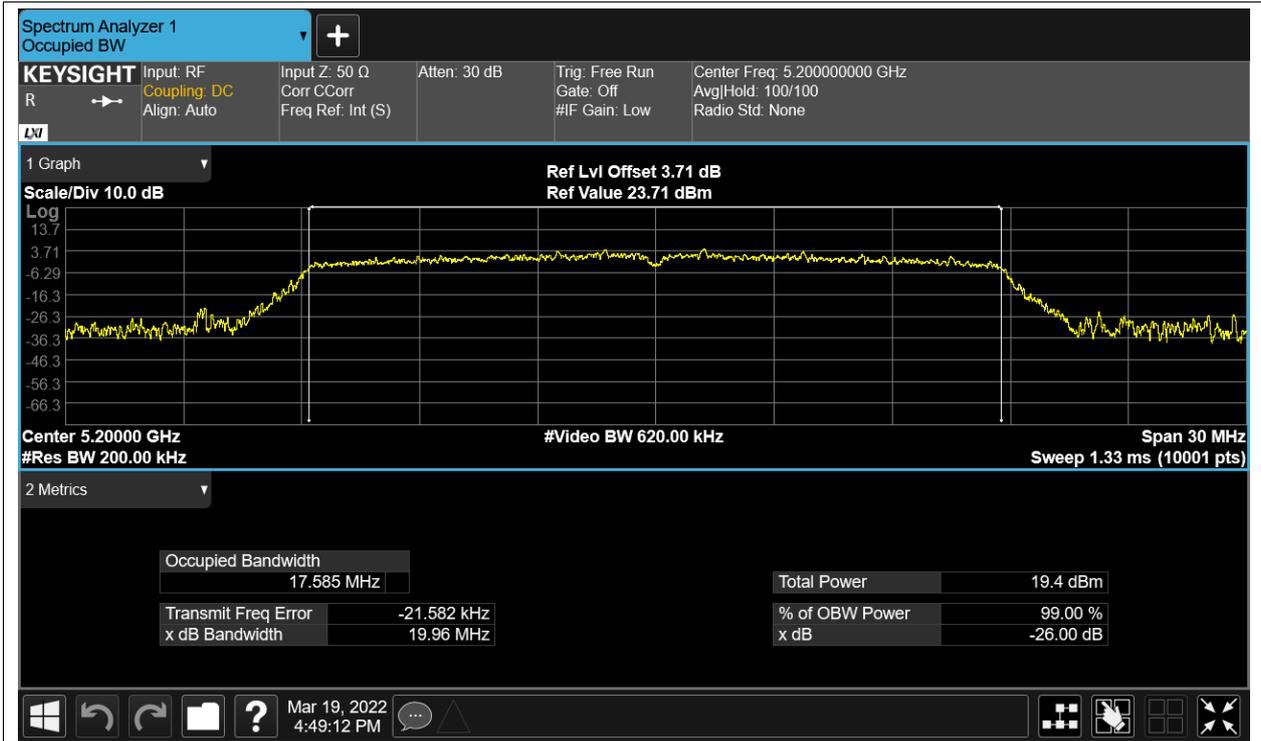
OBW NVNT a 5240MHz Ant1



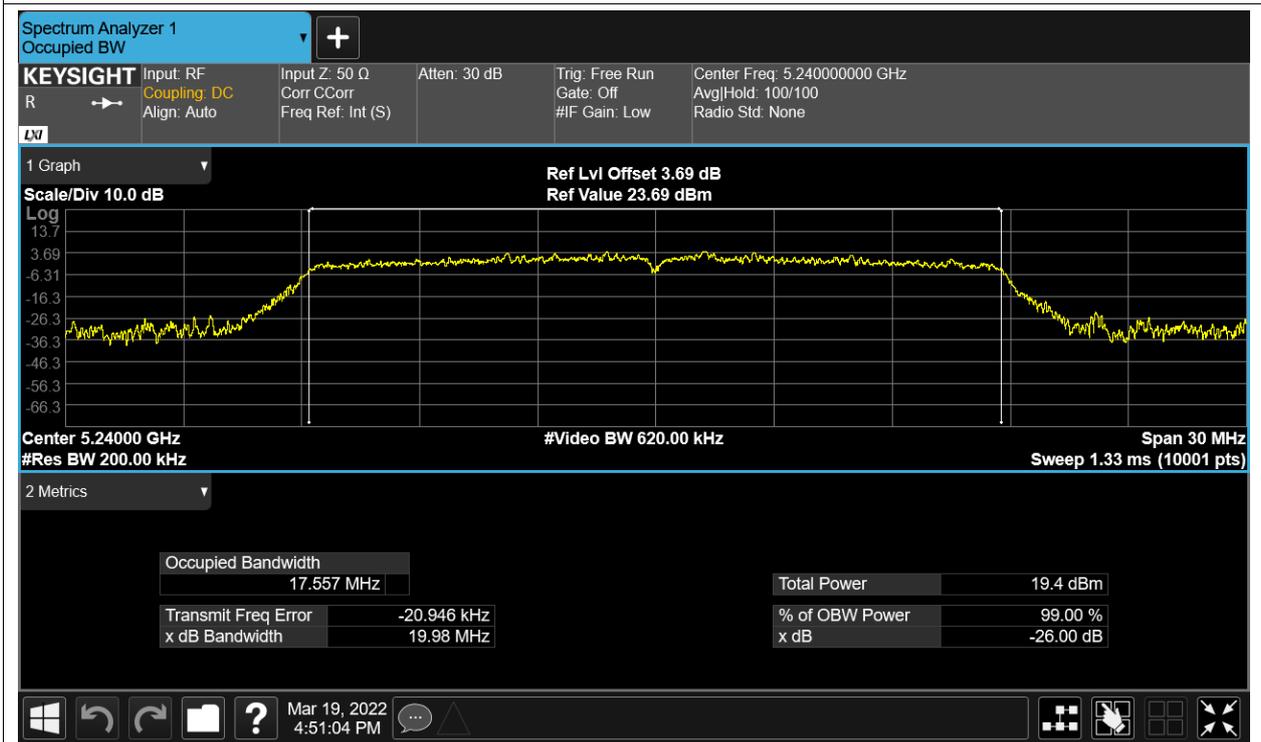
OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5240MHz Ant1



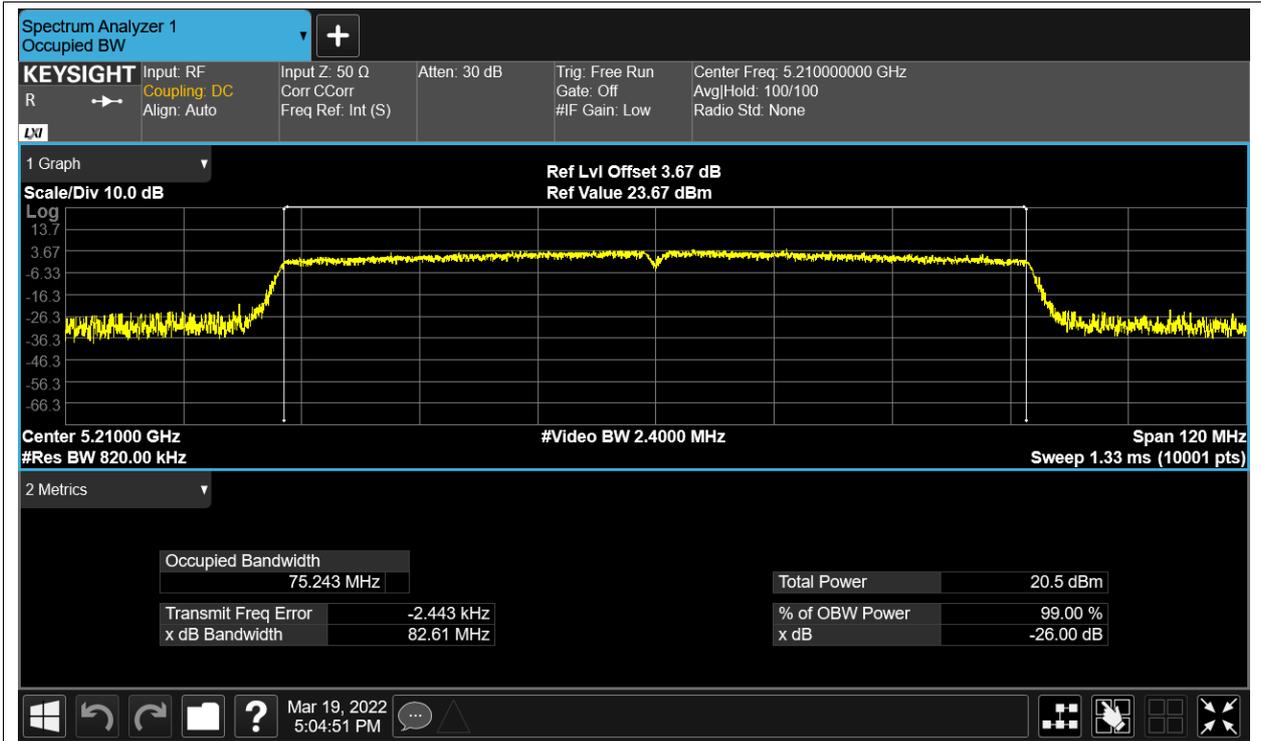
OBW NVNT ac40 5190MHz Ant1



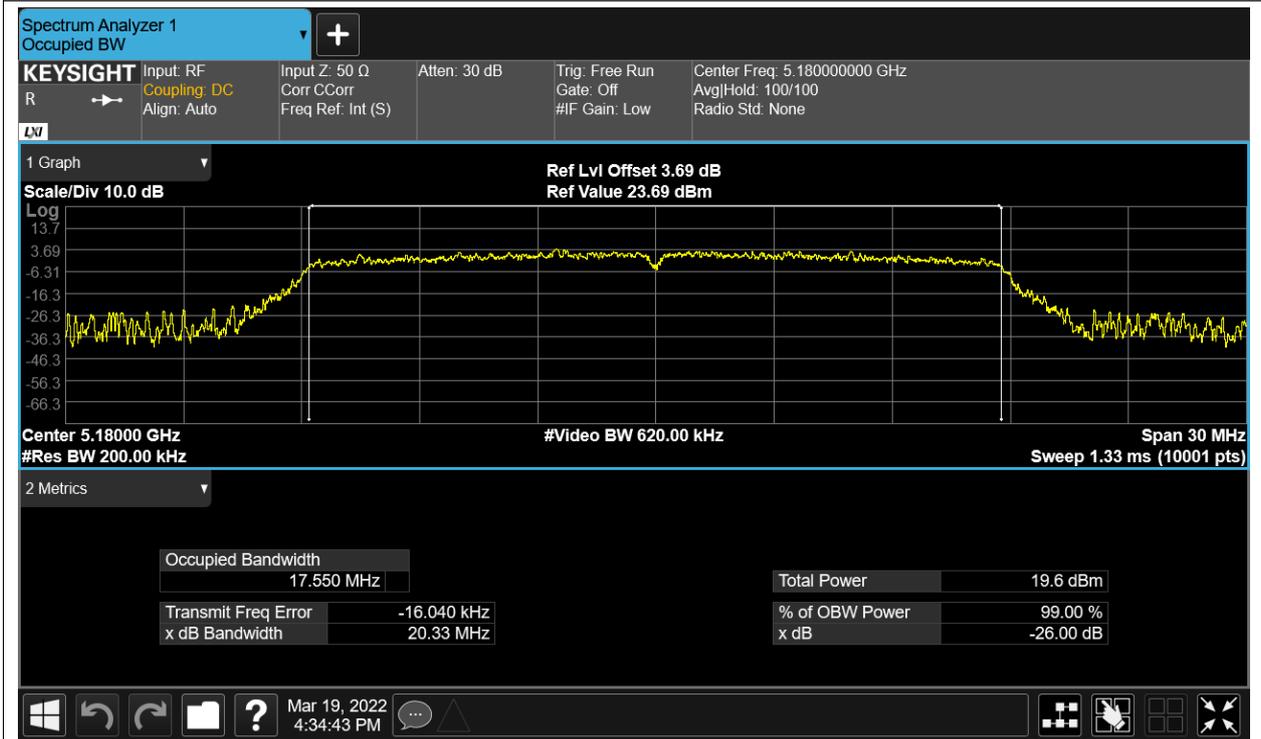
OBW NVNT ac40 5230MHz Ant1



OBW NVNT ac80 5210MHz Ant1



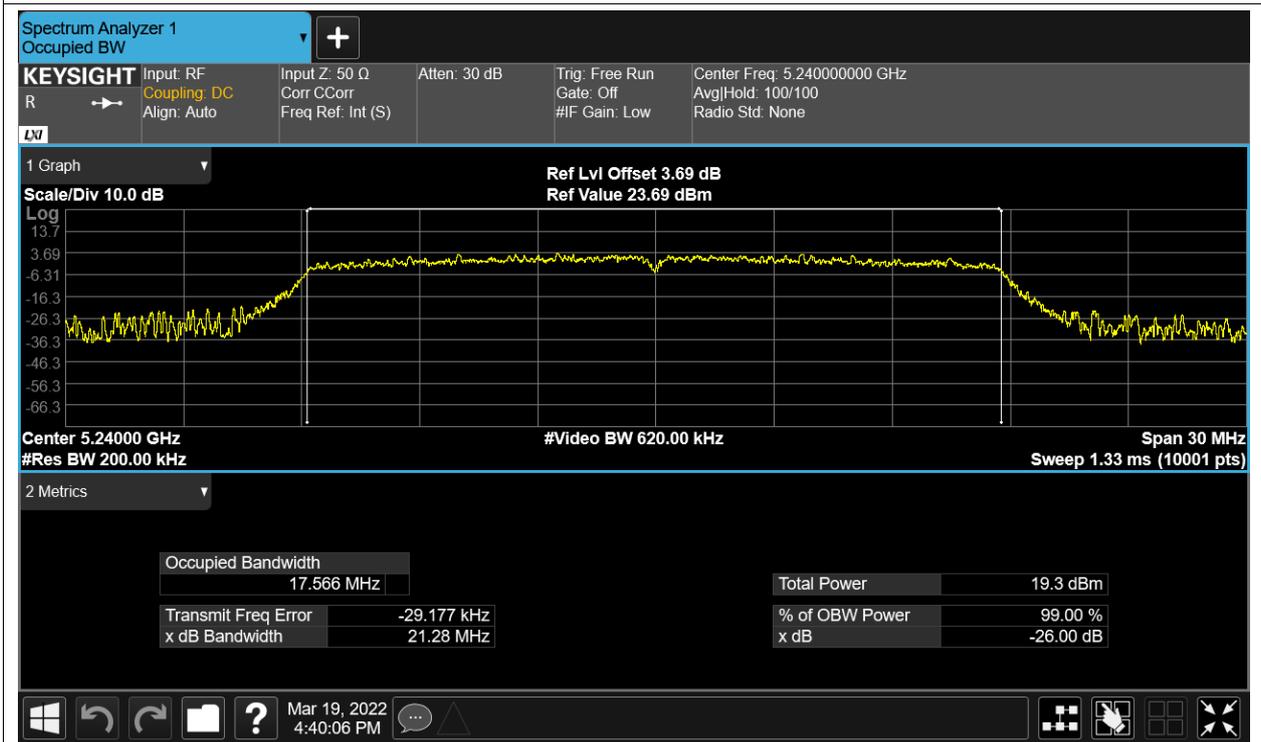
OBW NVNT n20 5180MHz Ant1



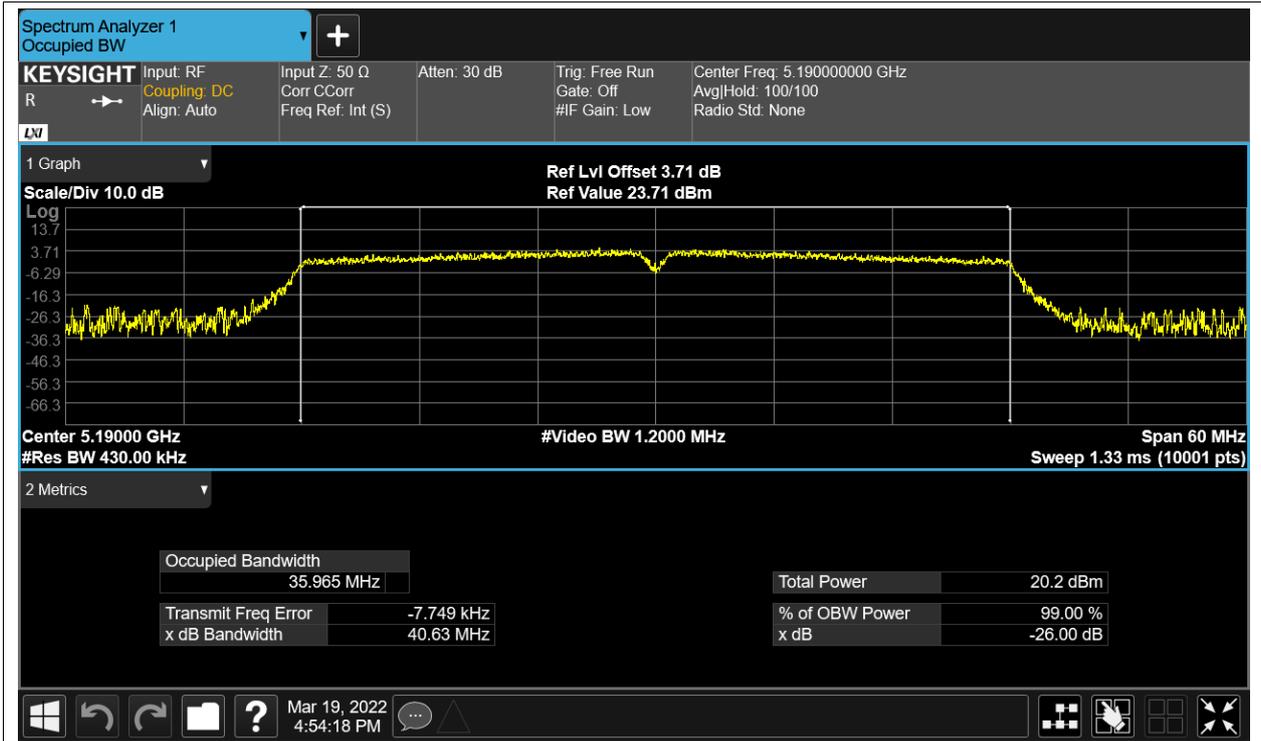
OBW NVNT n20 5200MHz Ant1



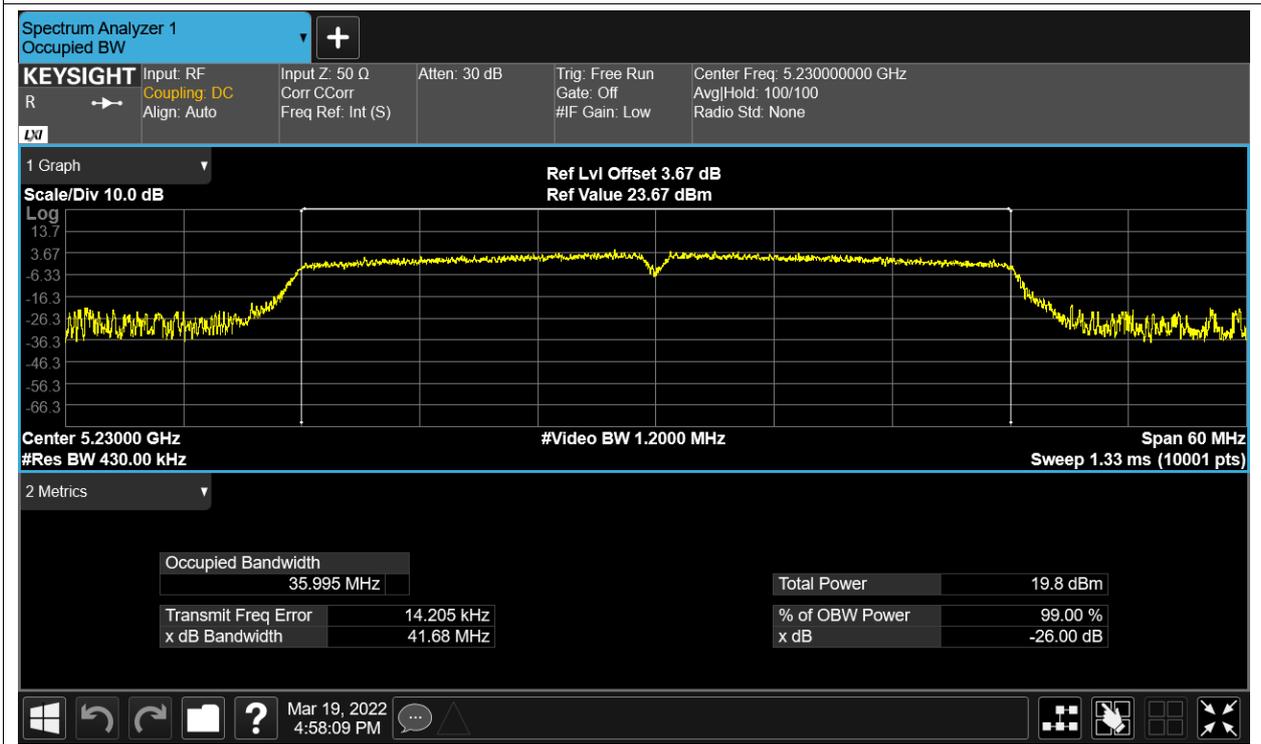
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

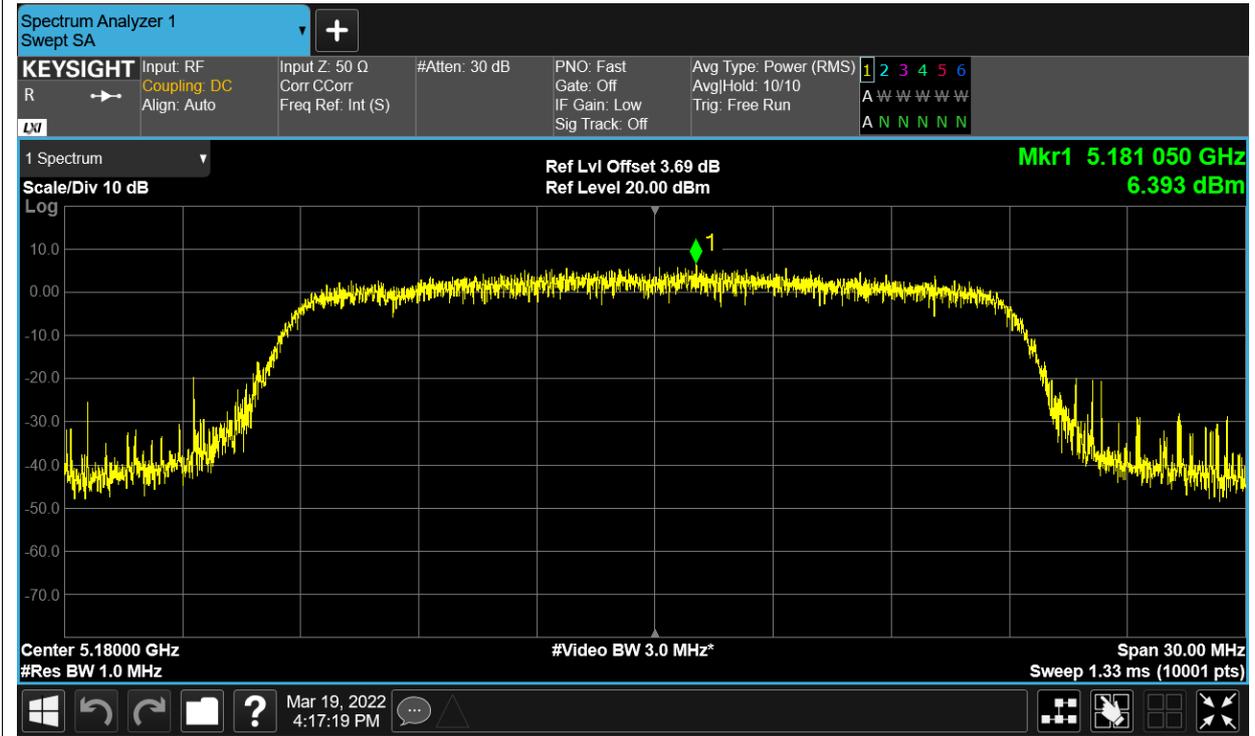


Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT | a | 5180 | Ant1 | 6.393 | 11 | Pass |
| NVNT | a | 5200 | Ant1 | 4.022 | 11 | Pass |
| NVNT | a | 5240 | Ant1 | 3.72 | 11 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 6.711 | 11 | Pass |
| NVNT | ac20 | 5200 | Ant1 | 4.156 | 11 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 3.819 | 11 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 1.654 | 11 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 1.435 | 11 | Pass |
| NVNT | ac80 | 5210 | Ant1 | -1.985 | 11 | Pass |
| NVNT | n20 | 5180 | Ant1 | 4.011 | 11 | Pass |
| NVNT | n20 | 5200 | Ant1 | 3.924 | 11 | Pass |
| NVNT | n20 | 5240 | Ant1 | 3.783 | 11 | Pass |
| NVNT | n40 | 5190 | Ant1 | 1.564 | 11 | Pass |
| NVNT | n40 | 5230 | Ant1 | 1.22 | 11 | Pass |

Test Graphs

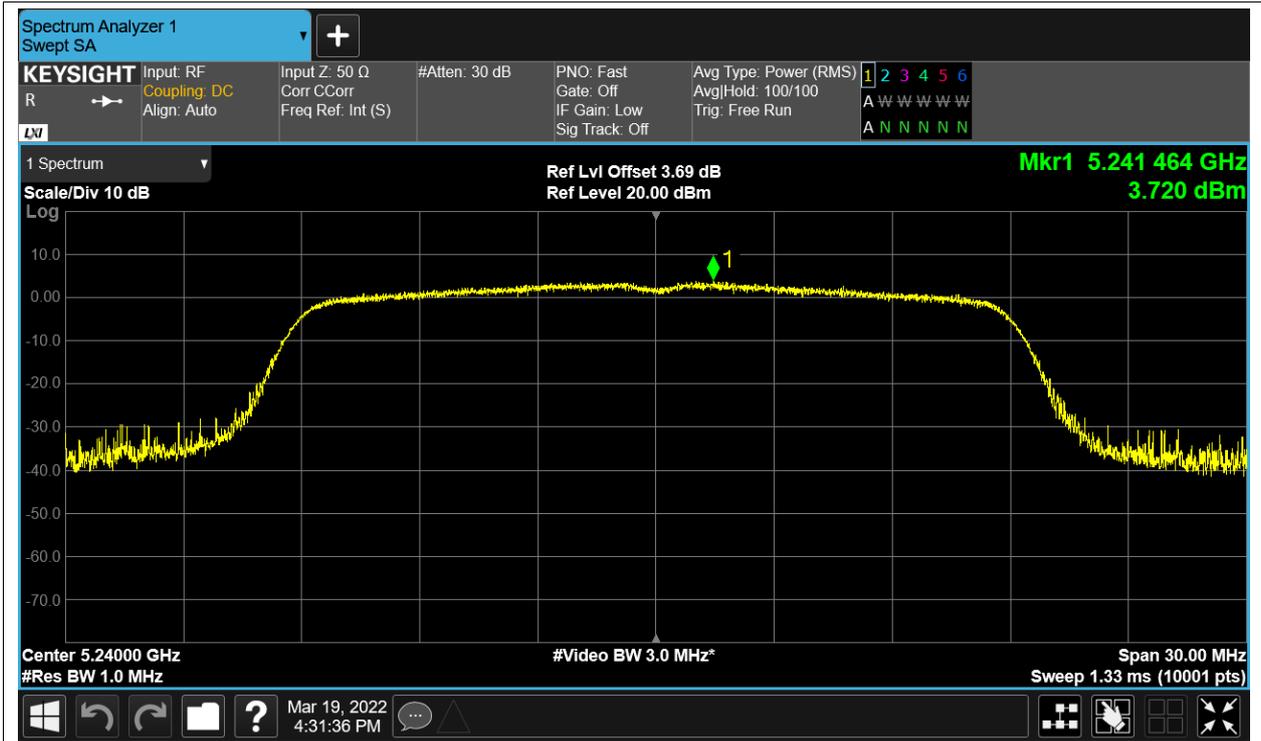
PSD NVNT a 5180MHz Ant1



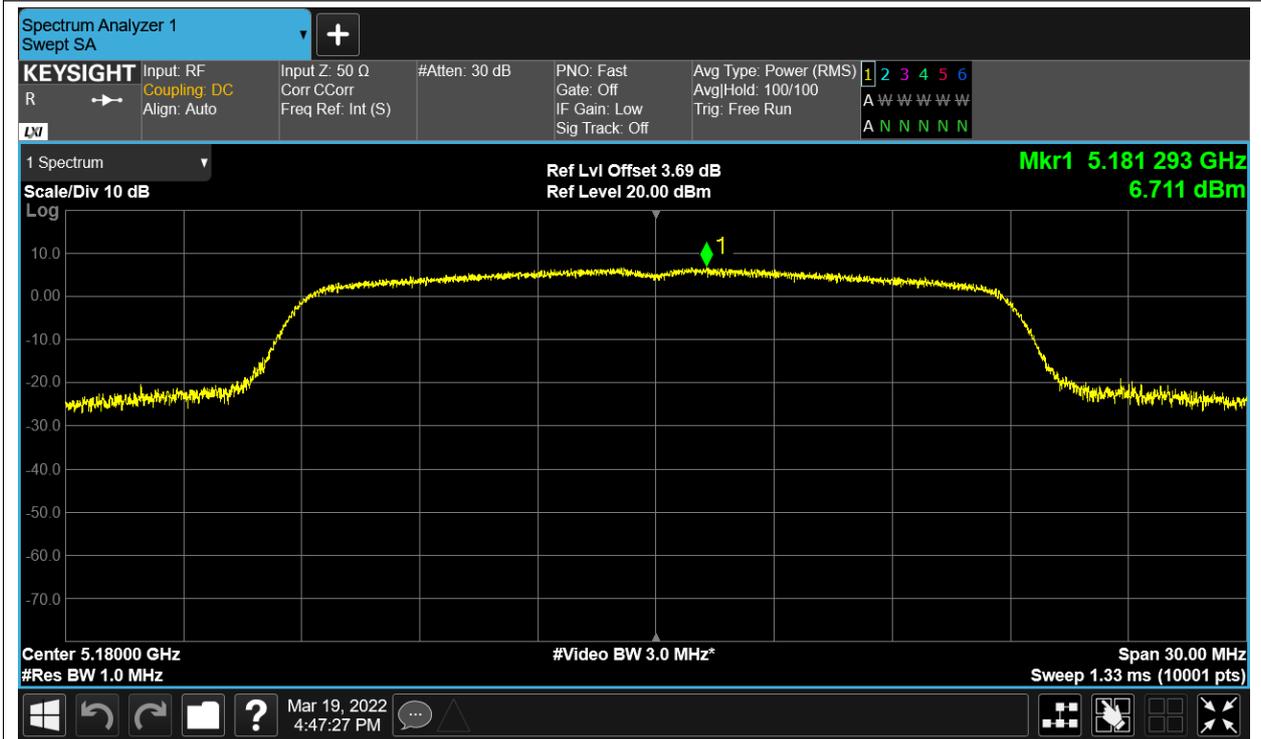
PSD NVNT a 5200MHz Ant1



PSD NVNT a 5240MHz Ant1



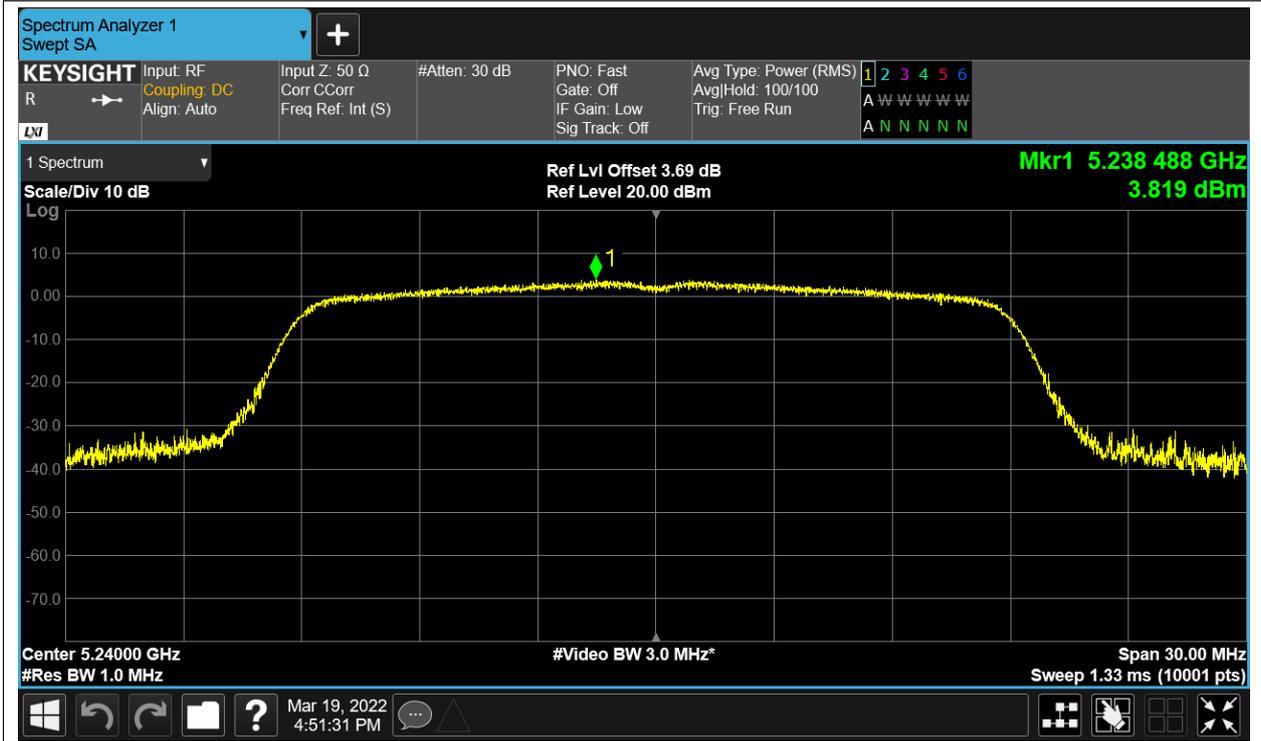
PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



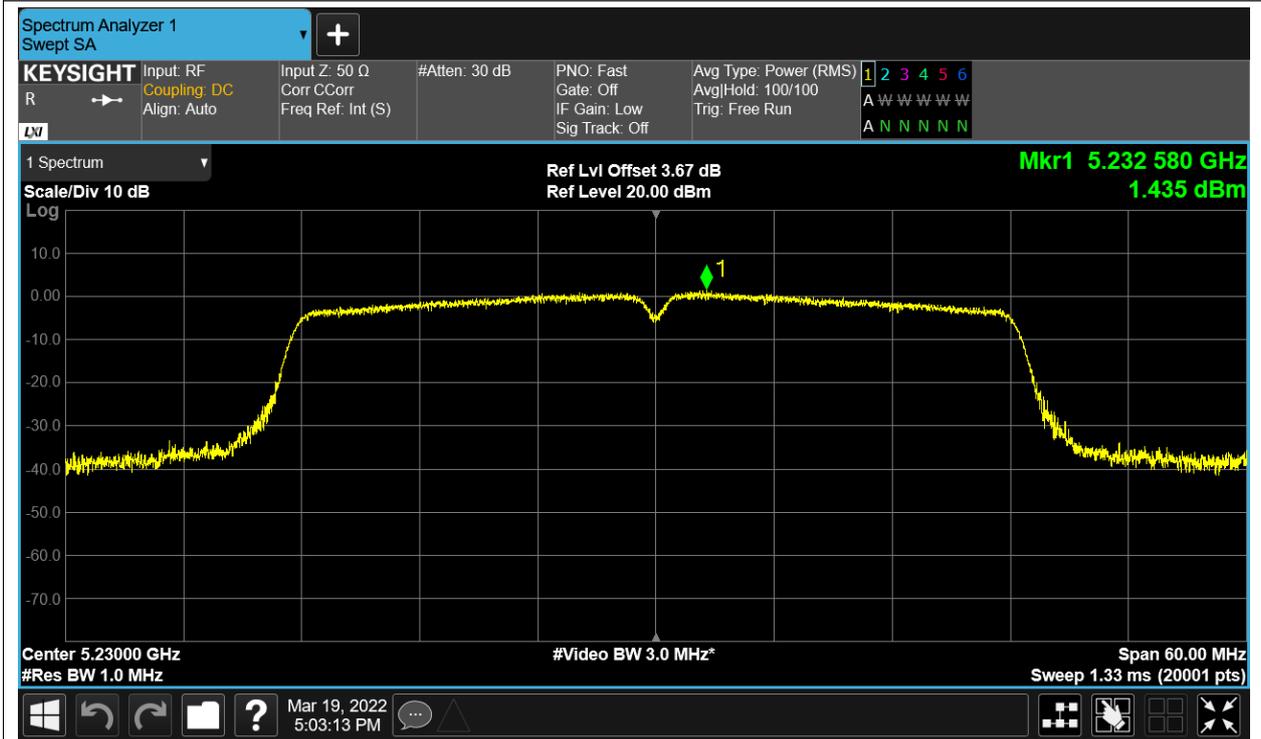
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



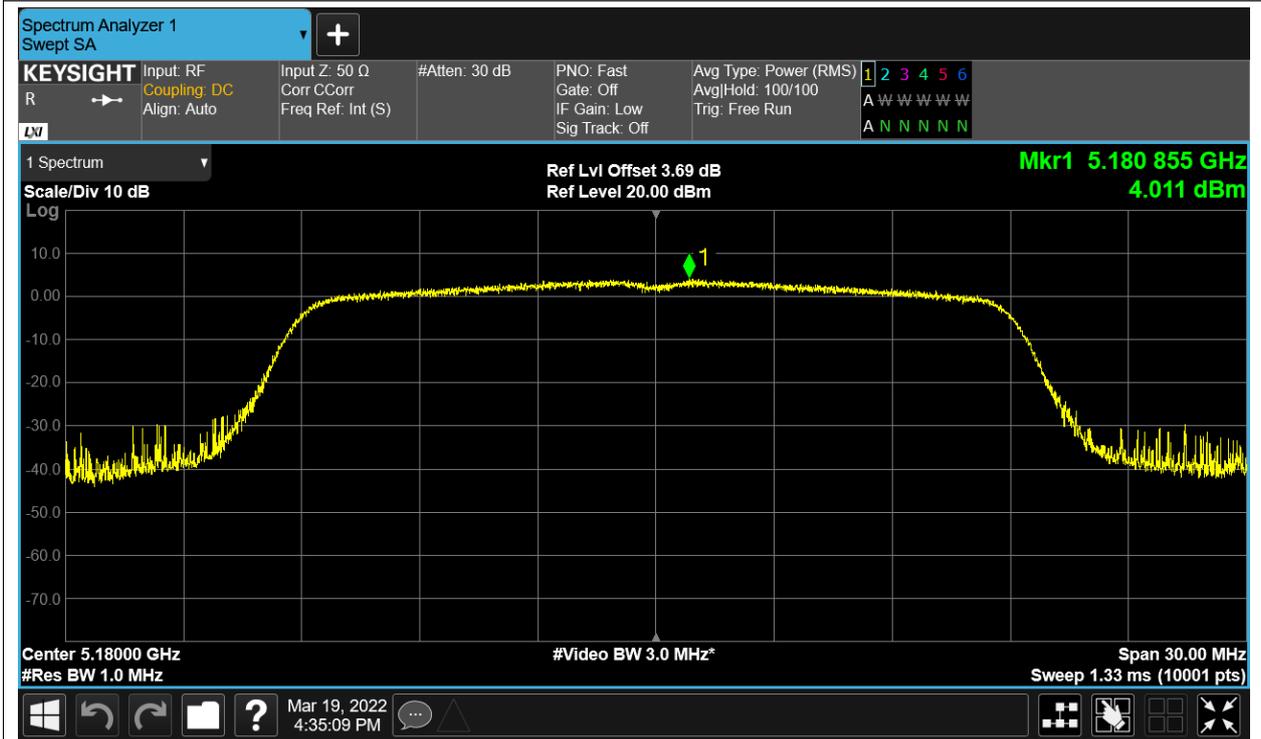
PSD NVNT ac40 5230MHz Ant1



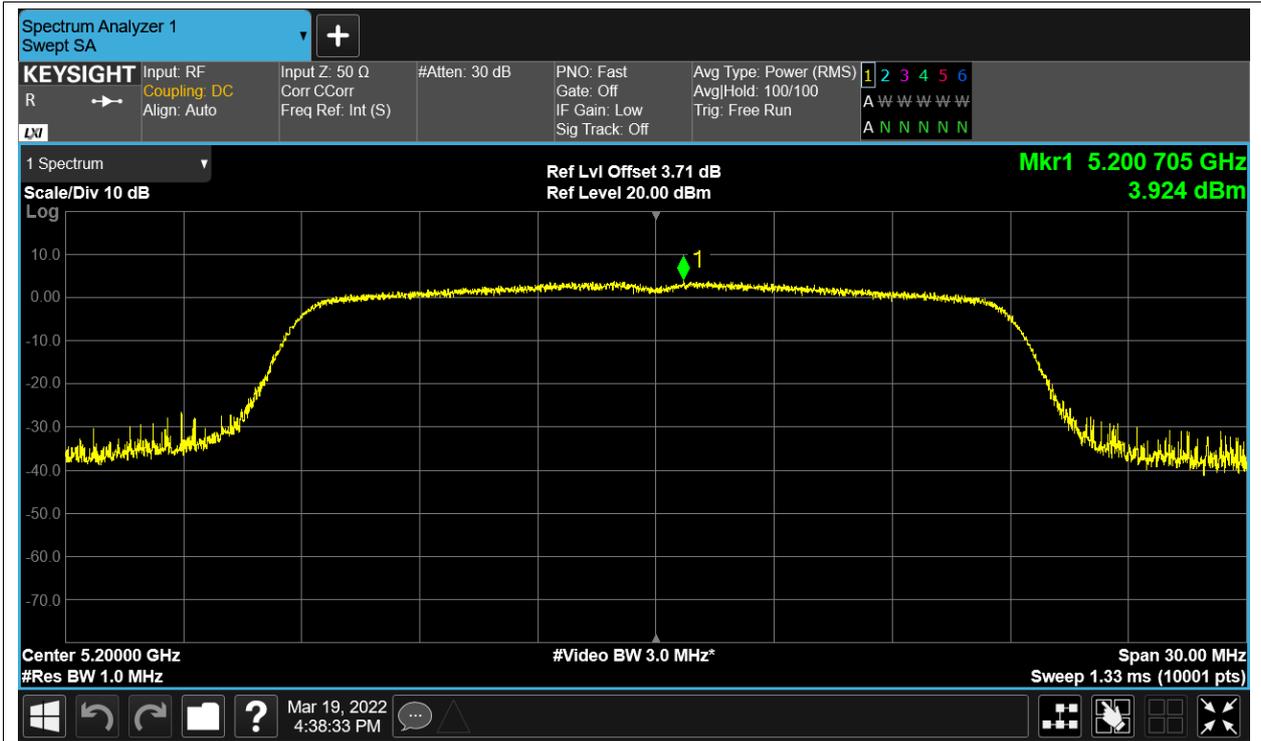
PSD NVNT ac80 5210MHz Ant1



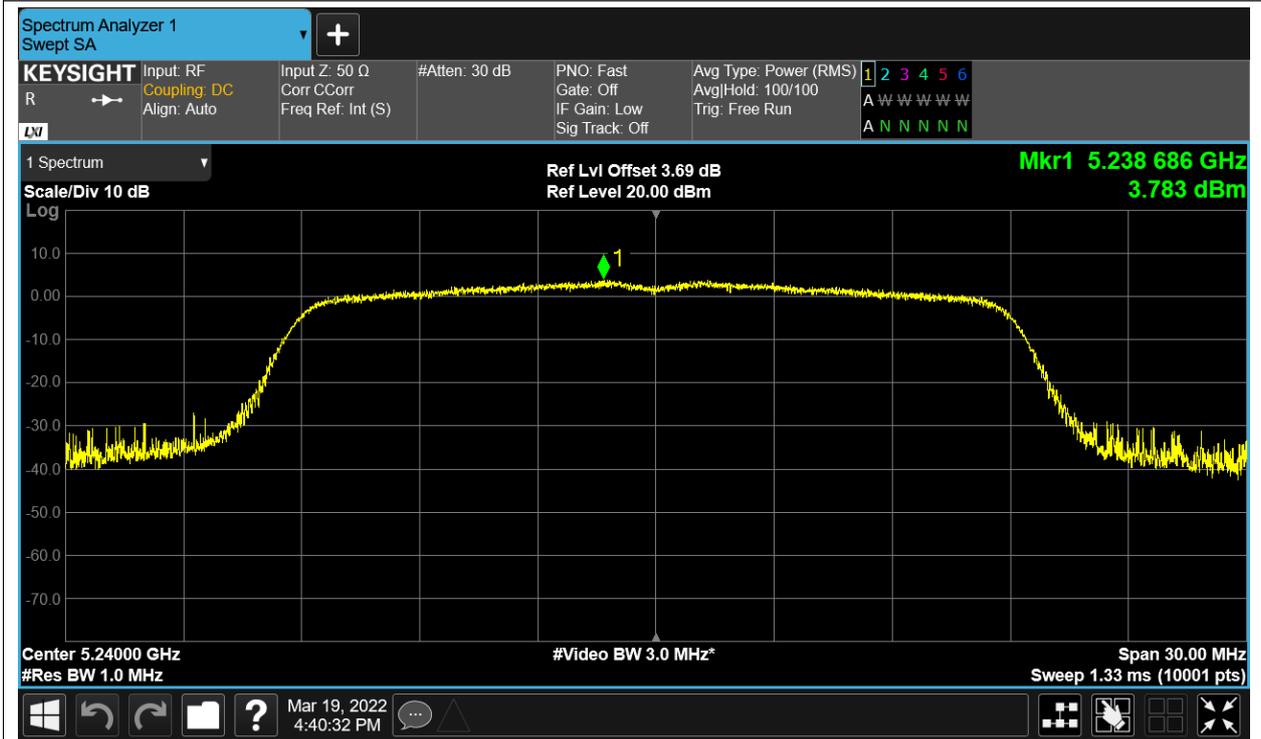
PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

