

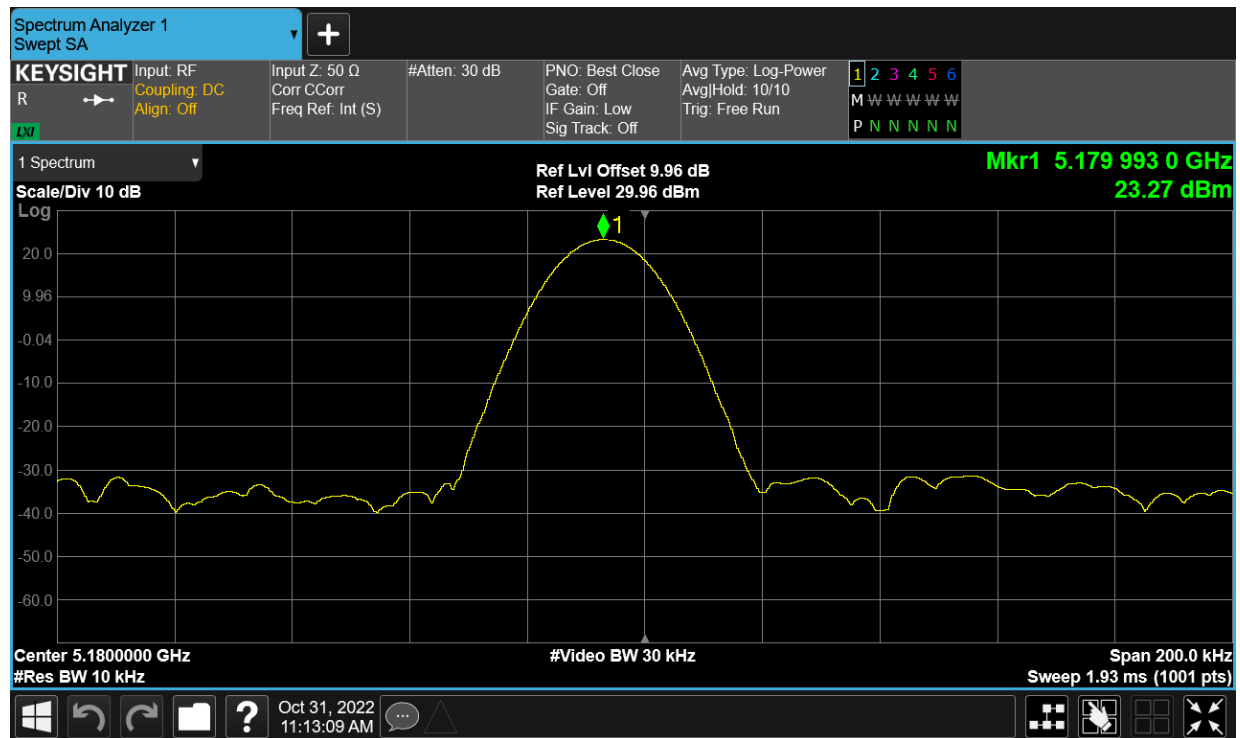
## Test Data

### Frequency Stability

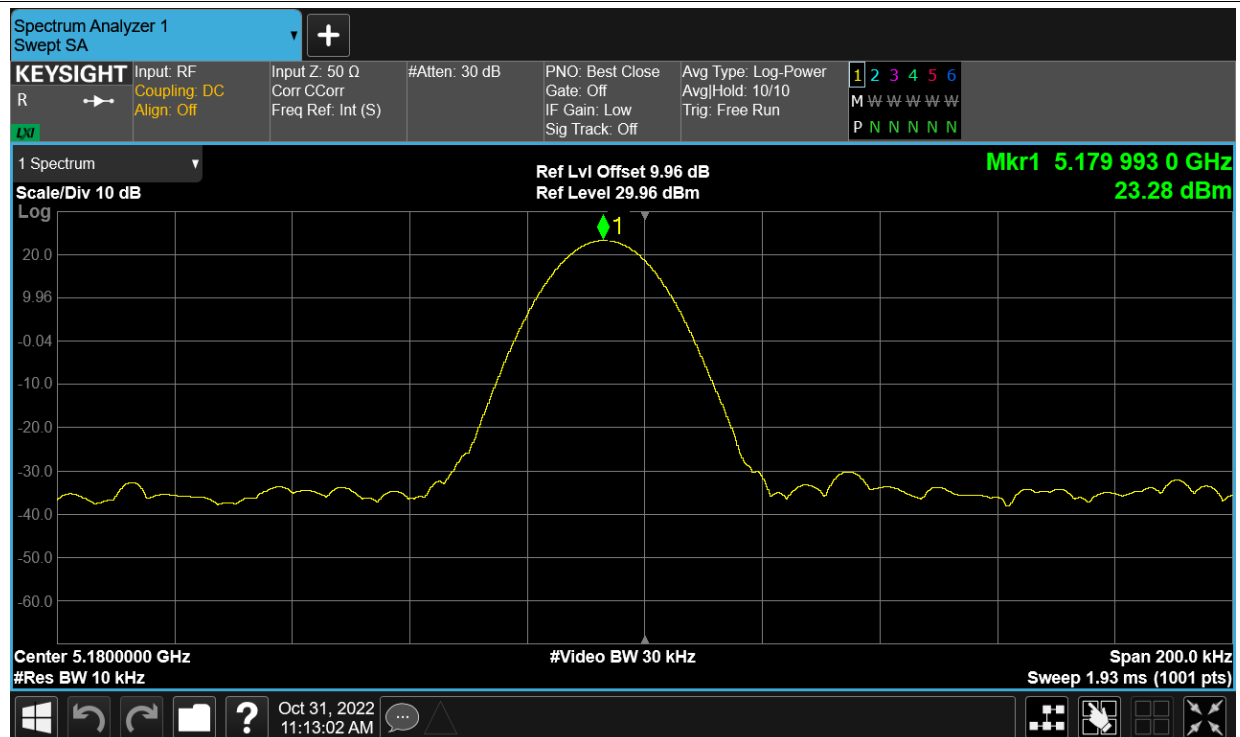
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|-----------------|-------------|---------|
| HVNT      | a    | 5180            | Ant2    | 5179.993                 | -1.35           | 25          | Pass    |
| LVNT      | a    | 5180            | Ant2    | 5179.993                 | -1.35           | 25          | Pass    |
| NVHT      | a    | 5180            | Ant2    | 5179.9932                | -1.31           | 25          | Pass    |
| NVLT      | a    | 5180            | Ant2    | 5179.9934                | -1.27           | 25          | Pass    |
| NVNT      | a    | 5180            | Ant2    | 5179.9938                | -1.2            | 25          | Pass    |
| HVNT      | ac80 | 5210            | Ant2    | 5209.9934                | -1.27           | 25          | Pass    |
| LVNT      | ac80 | 5210            | Ant2    | 5209.9938                | -1.19           | 25          | Pass    |
| NVHT      | ac80 | 5210            | Ant2    | 5209.9942                | -1.11           | 25          | Pass    |
| NVLT      | ac80 | 5210            | Ant2    | 5209.9952                | -0.92           | 25          | Pass    |
| NVNT      | ac80 | 5210            | Ant2    | 5209.999102692           | -0.17           | 25          | Pass    |
| HVNT      | n40  | 5190            | Ant2    | 5189.993                 | -1.35           | 25          | Pass    |
| LVNT      | n40  | 5190            | Ant2    | 5189.9934                | -1.27           | 25          | Pass    |
| NVHT      | n40  | 5190            | Ant2    | 5189.9938                | -1.19           | 25          | Pass    |
| NVLT      | n40  | 5190            | Ant2    | 5189.9946                | -1.04           | 25          | Pass    |
| NVNT      | n40  | 5190            | Ant2    | 5189.9976                | -0.46           | 25          | Pass    |

## Test Graphs

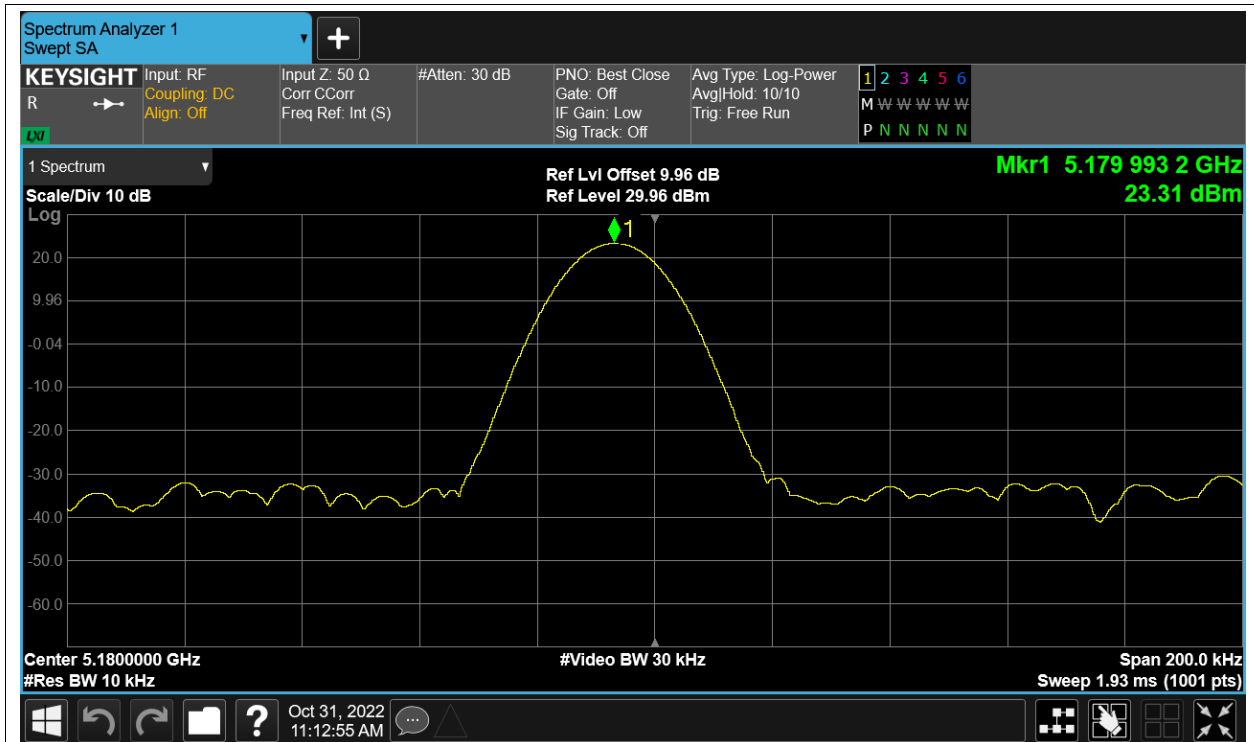
Freq. Stability HVNT a 5180MHz Ant2



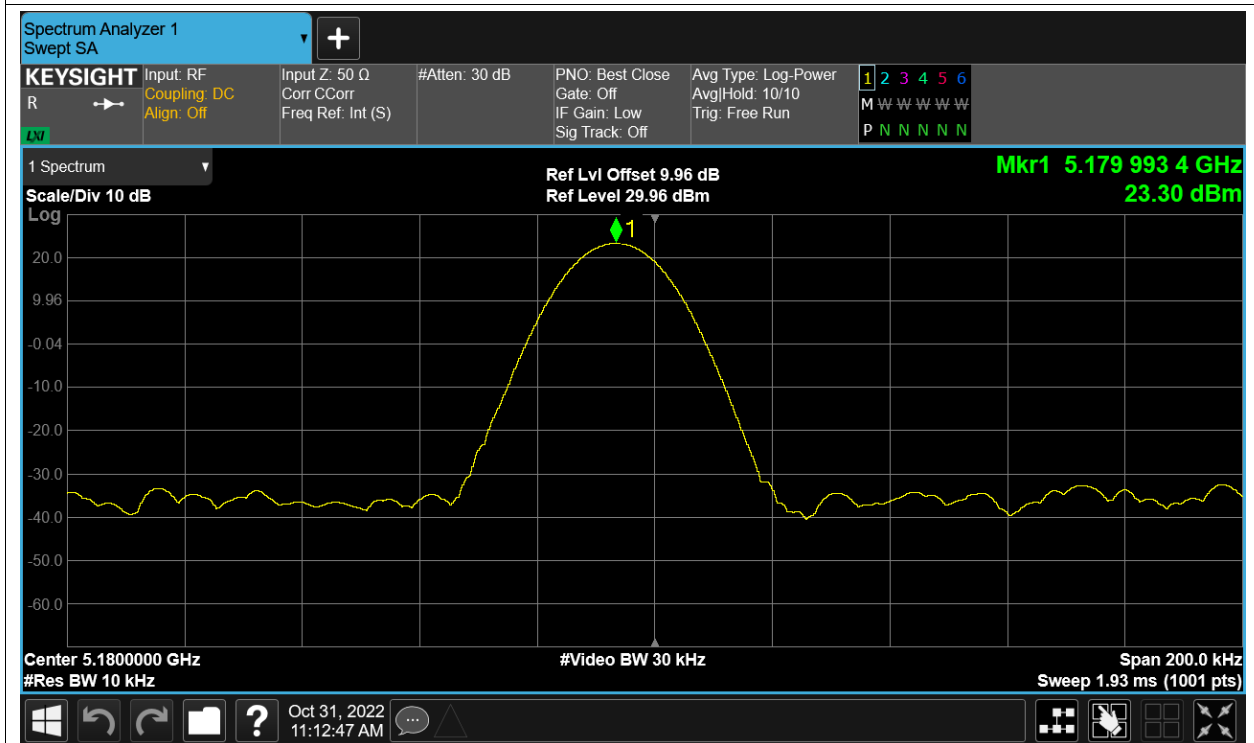
Freq. Stability LVNT a 5180MHz Ant2



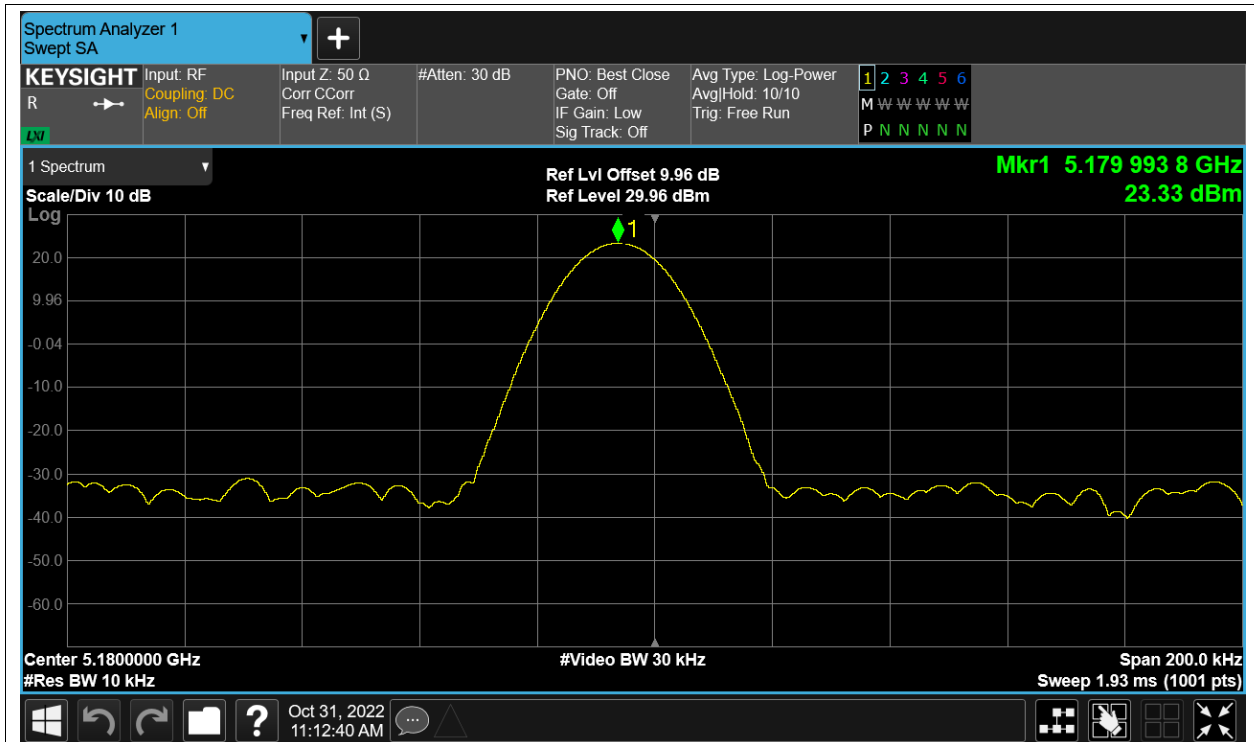
Freq. Stability NVHT a 5180MHz Ant2



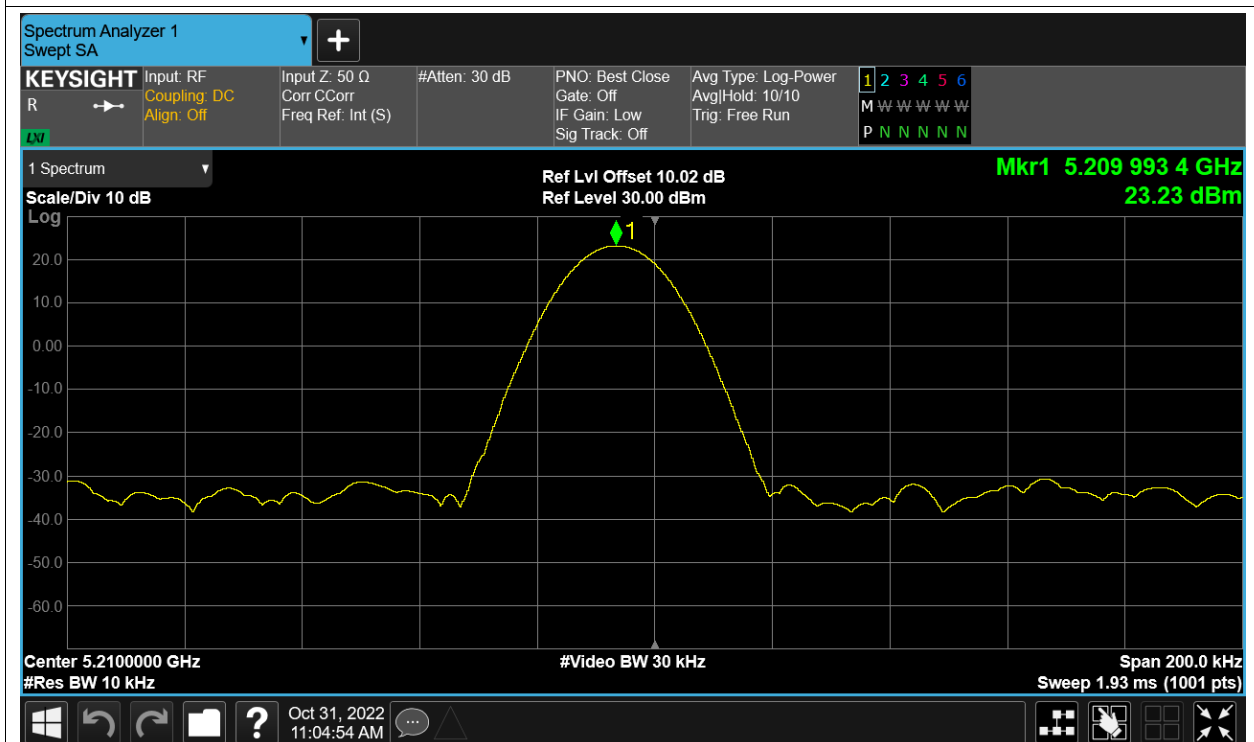
Freq. Stability NVLT a 5180MHz Ant2



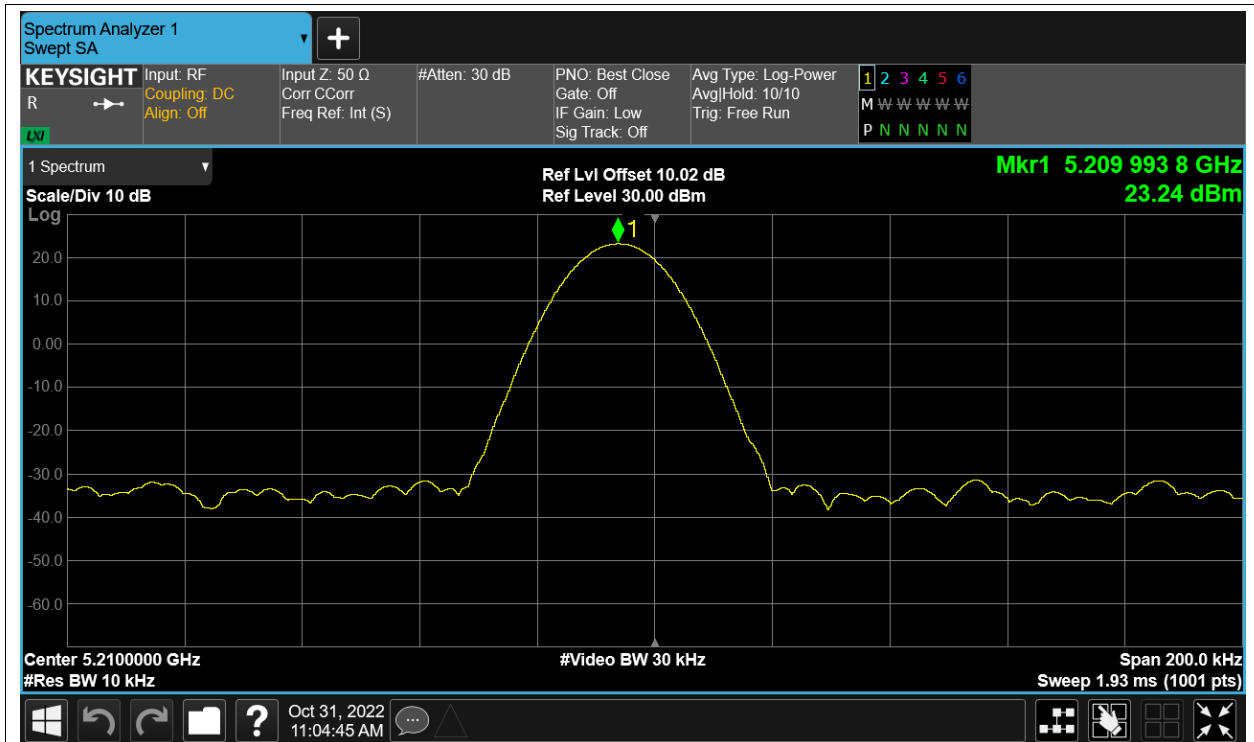
Freq. Stability NVNT a 5180MHz Ant2



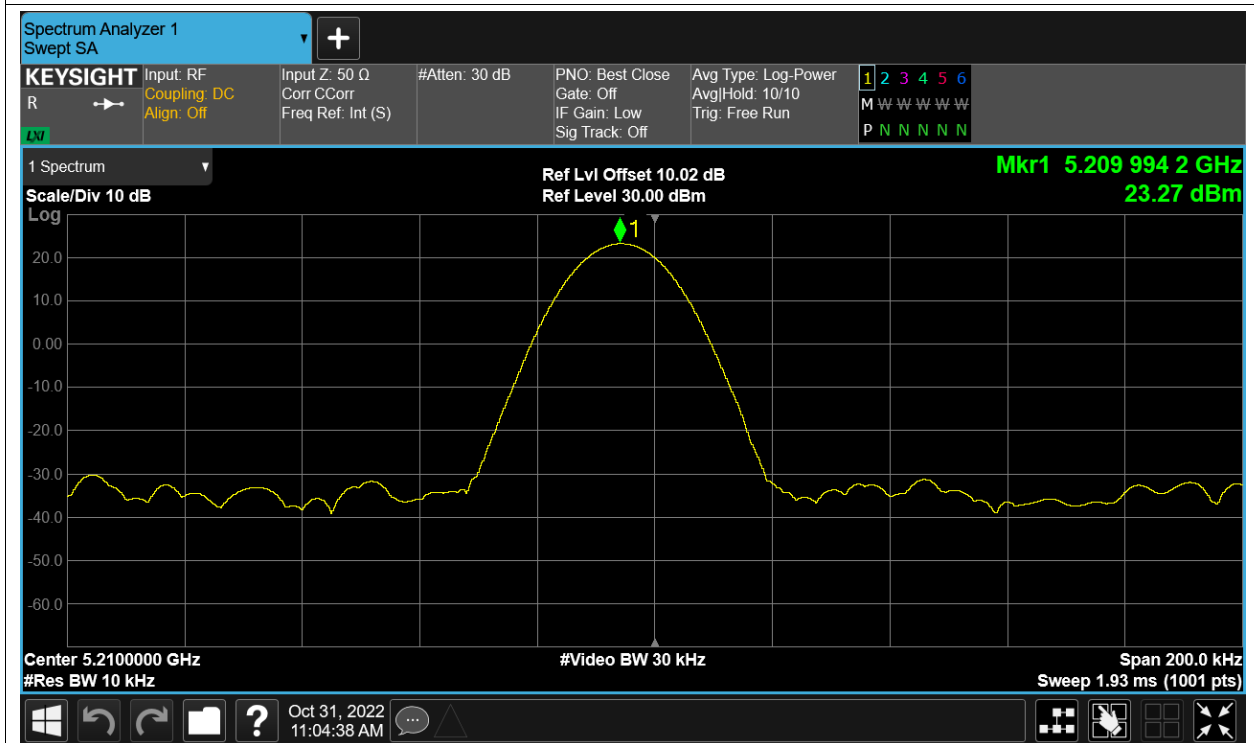
Freq. Stability HVNT ac80 5210MHz Ant2



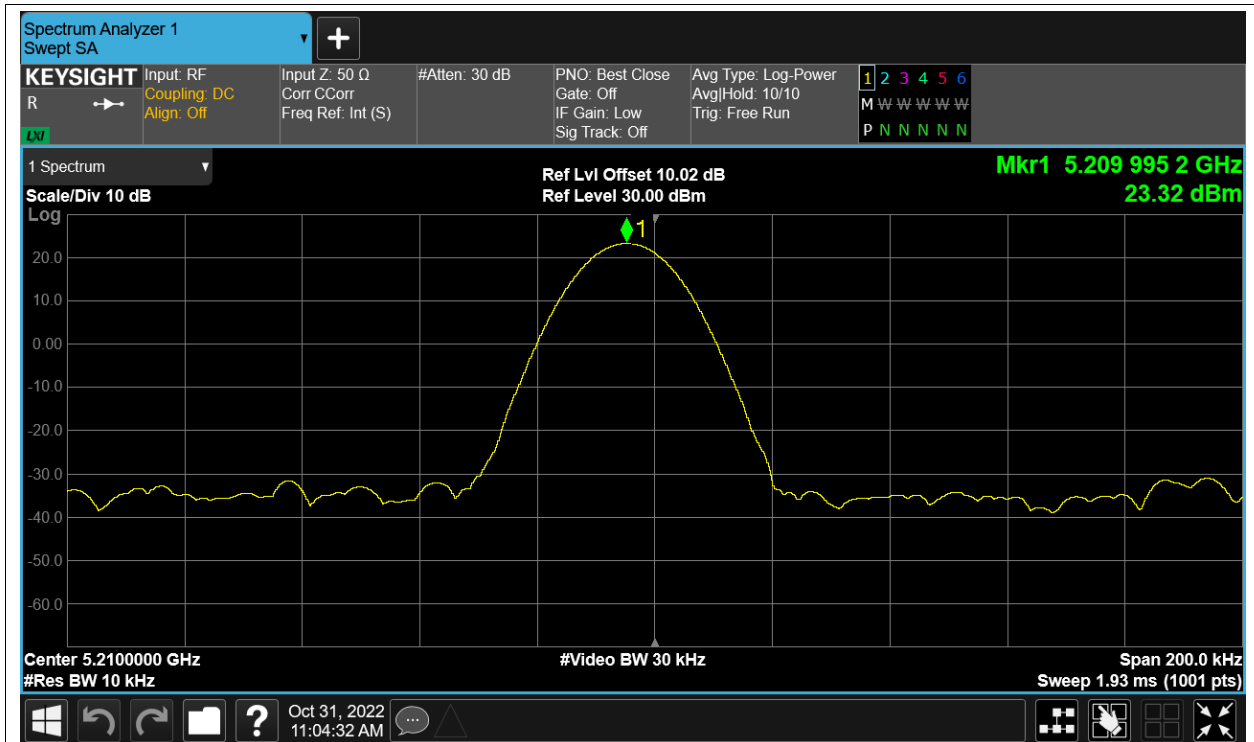
Freq. Stability LVNT ac80 5210MHz Ant2



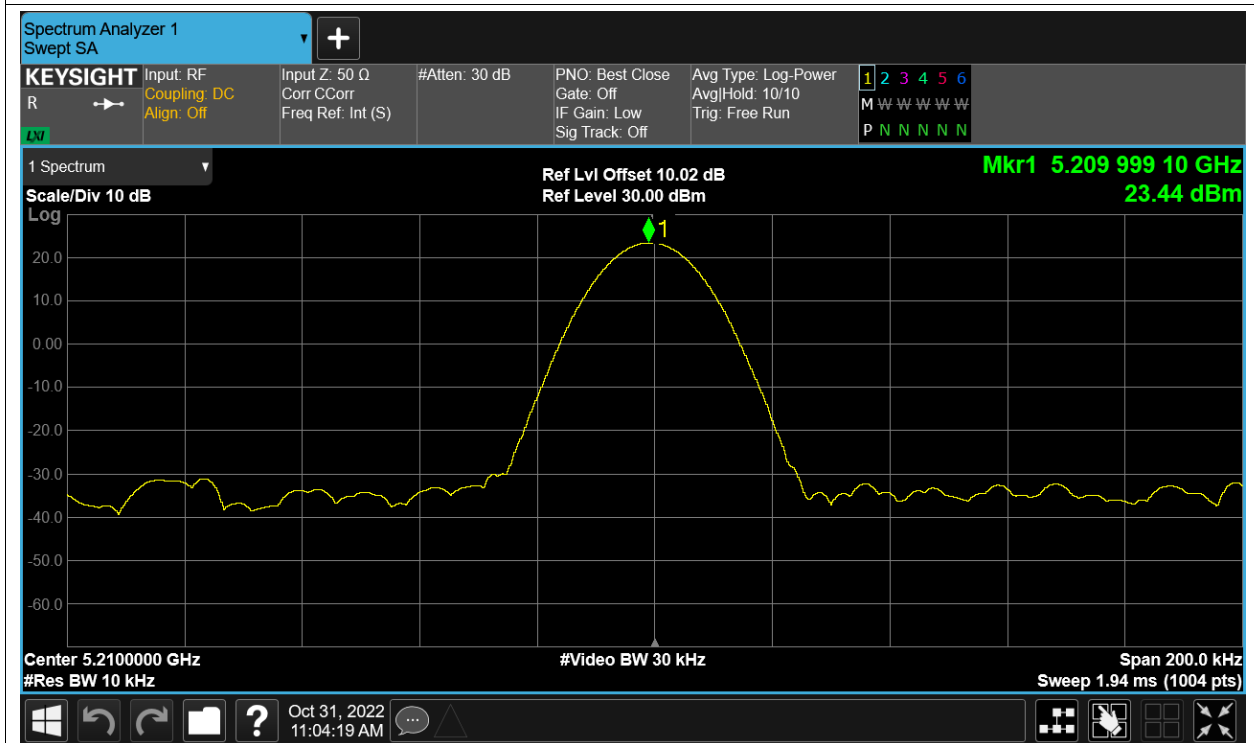
Freq. Stability NVHT ac80 5210MHz Ant2



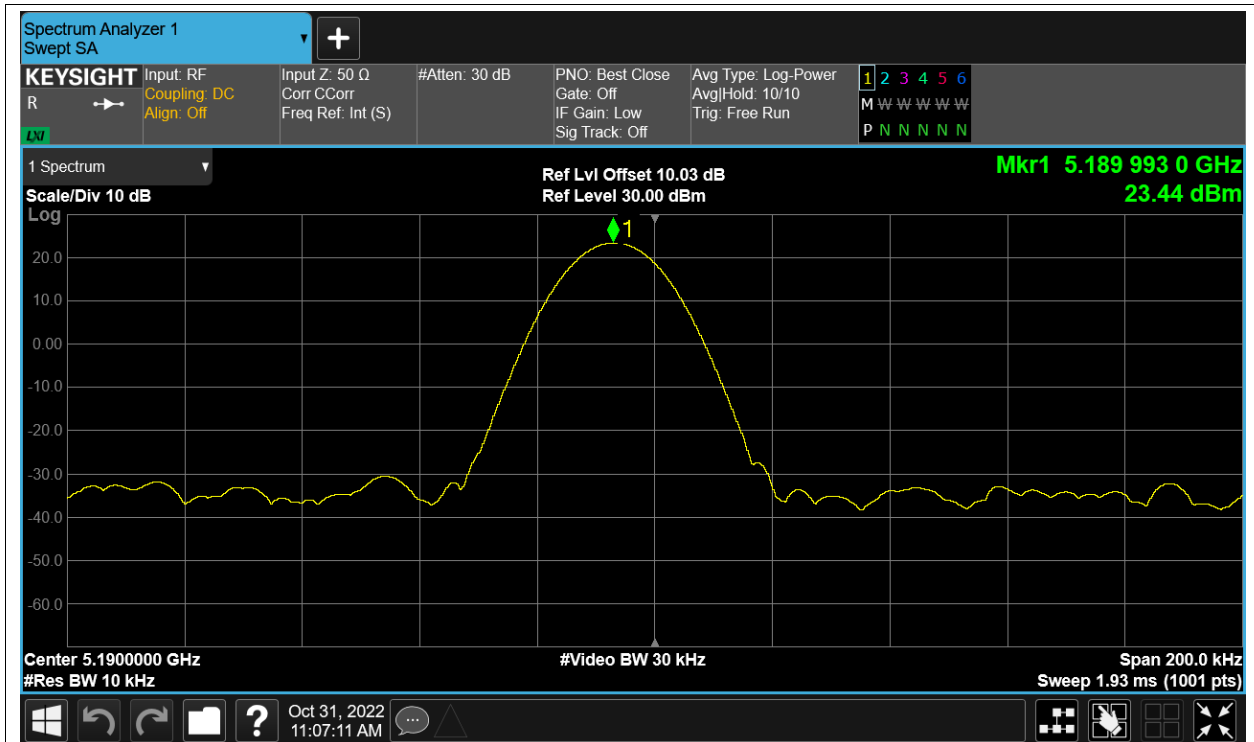
Freq. Stability NVLT ac80 5210MHz Ant2



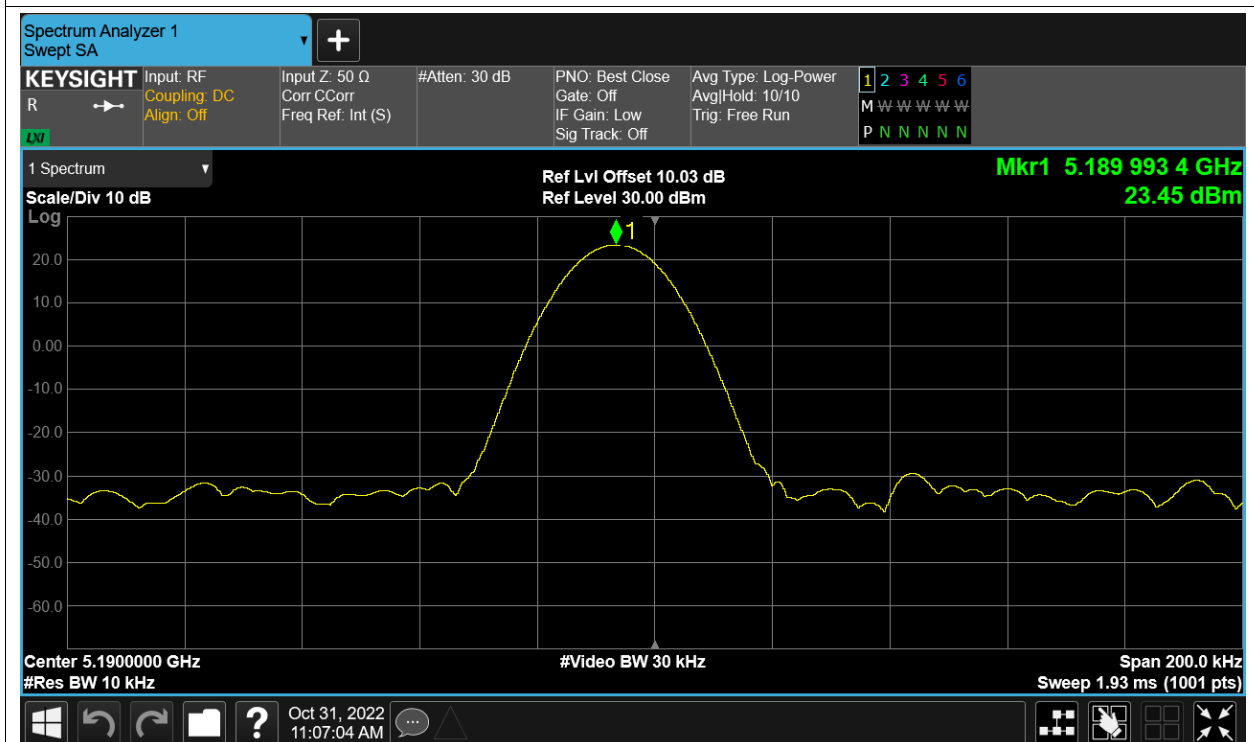
Freq. Stability NVNT ac80 5210MHz Ant2



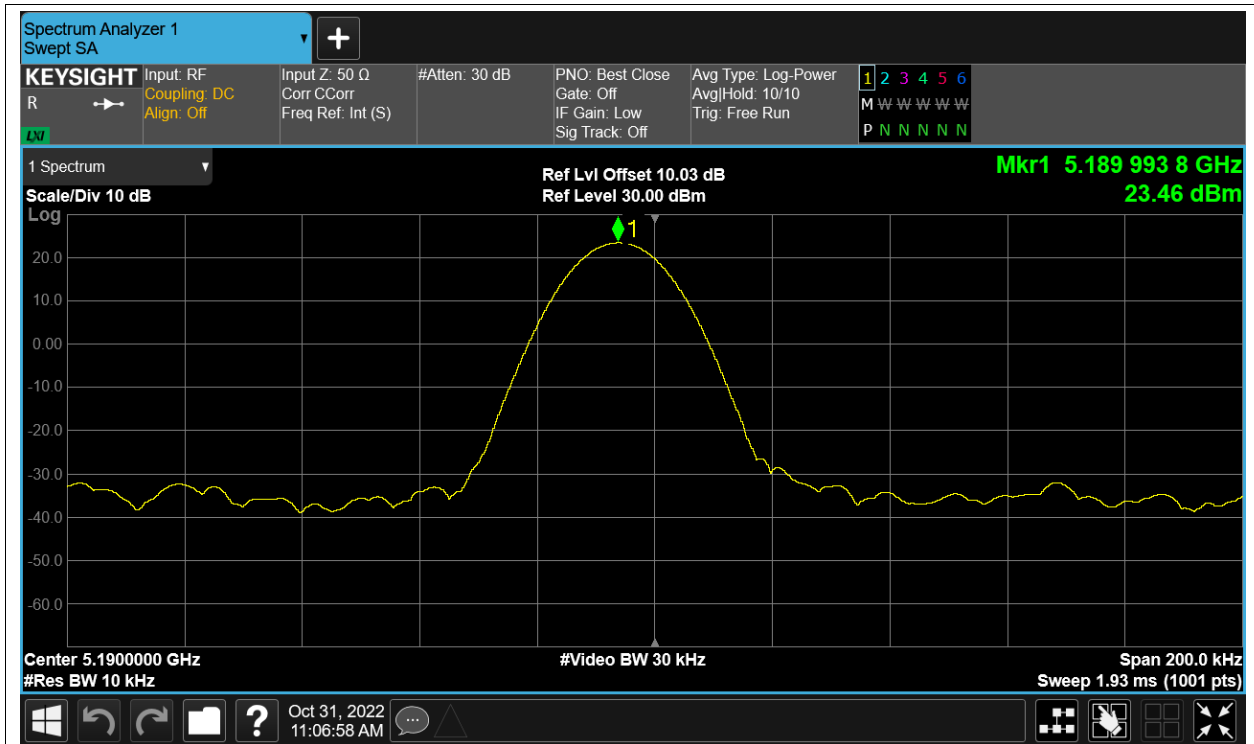
Freq. Stability HVNT n40 5190MHz Ant2



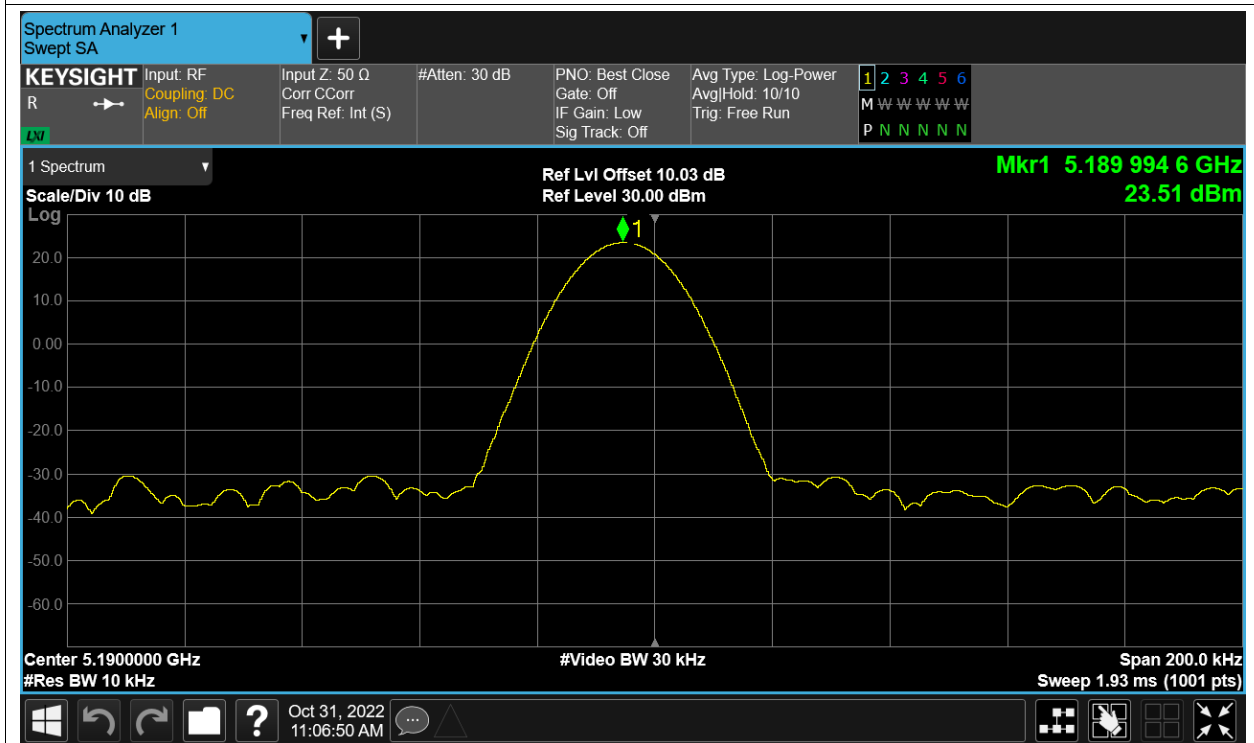
Freq. Stability LVNT n40 5190MHz Ant2



Freq. Stability NVHT n40 5190MHz Ant2

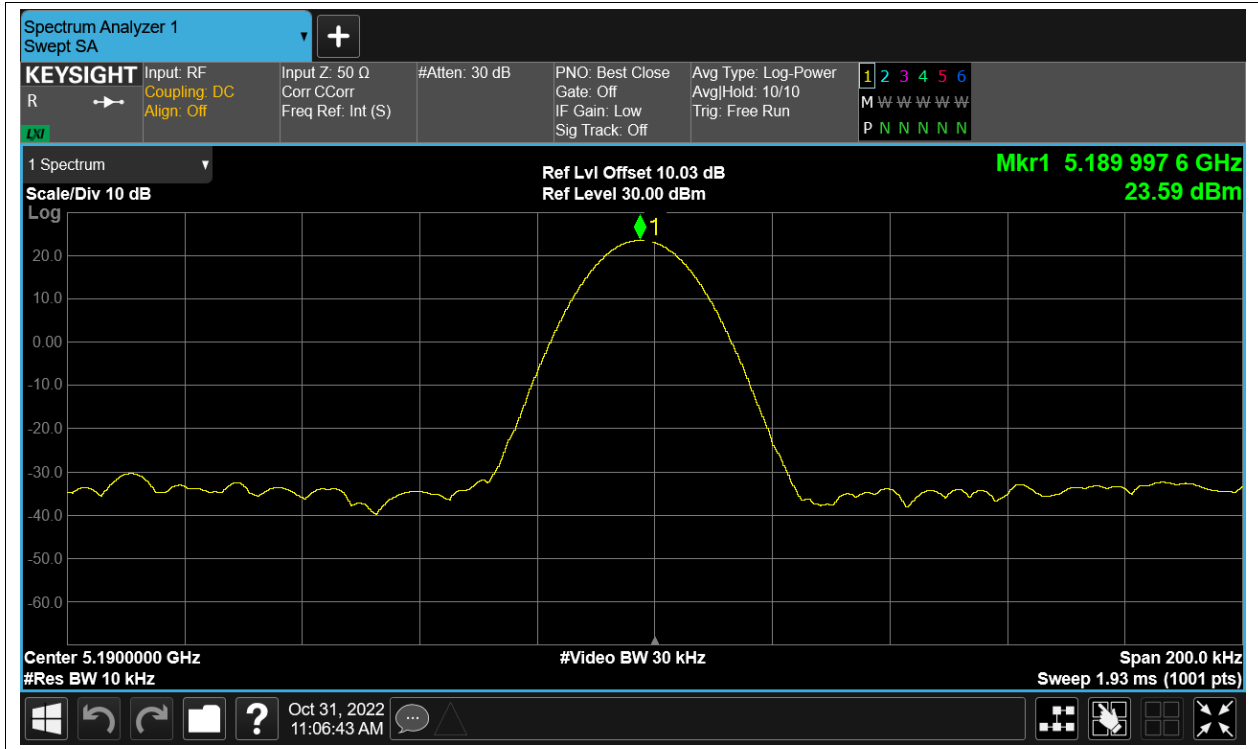


Freq. Stability NVLT n40 5190MHz Ant2



Freq. Stability NVNT n40 5190MHz Ant2



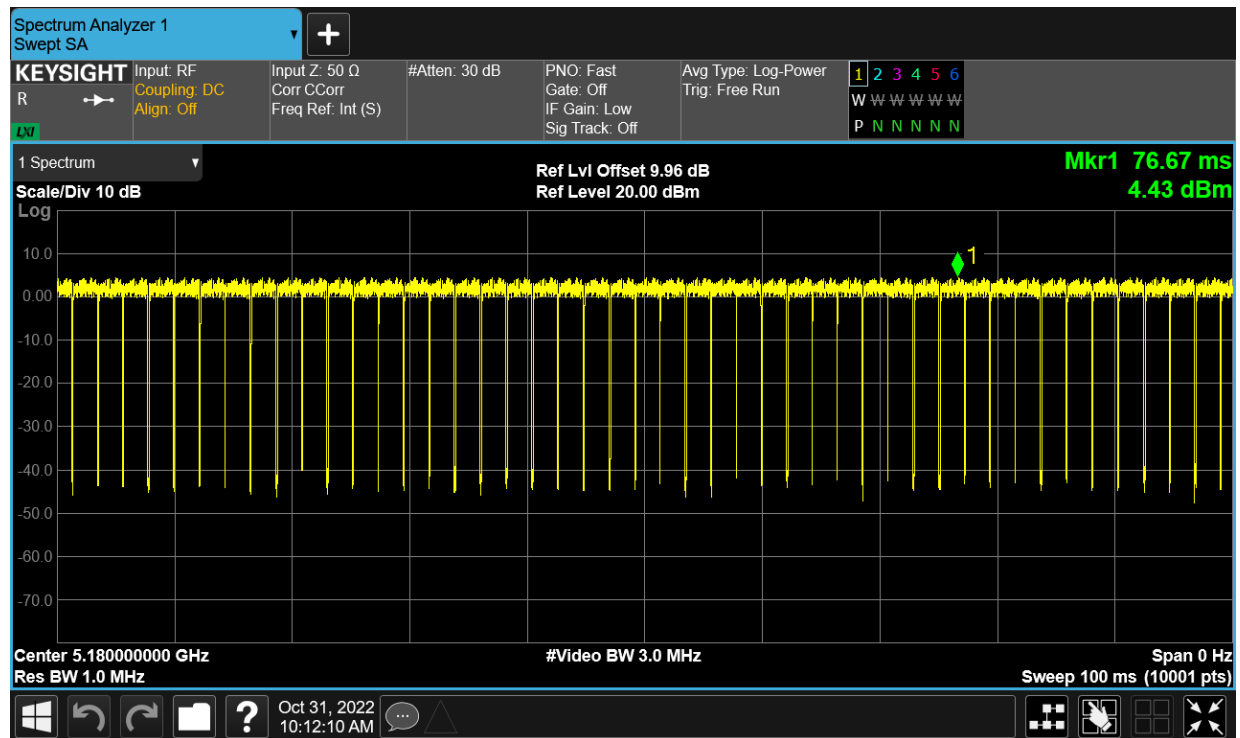


## Duty Cycle

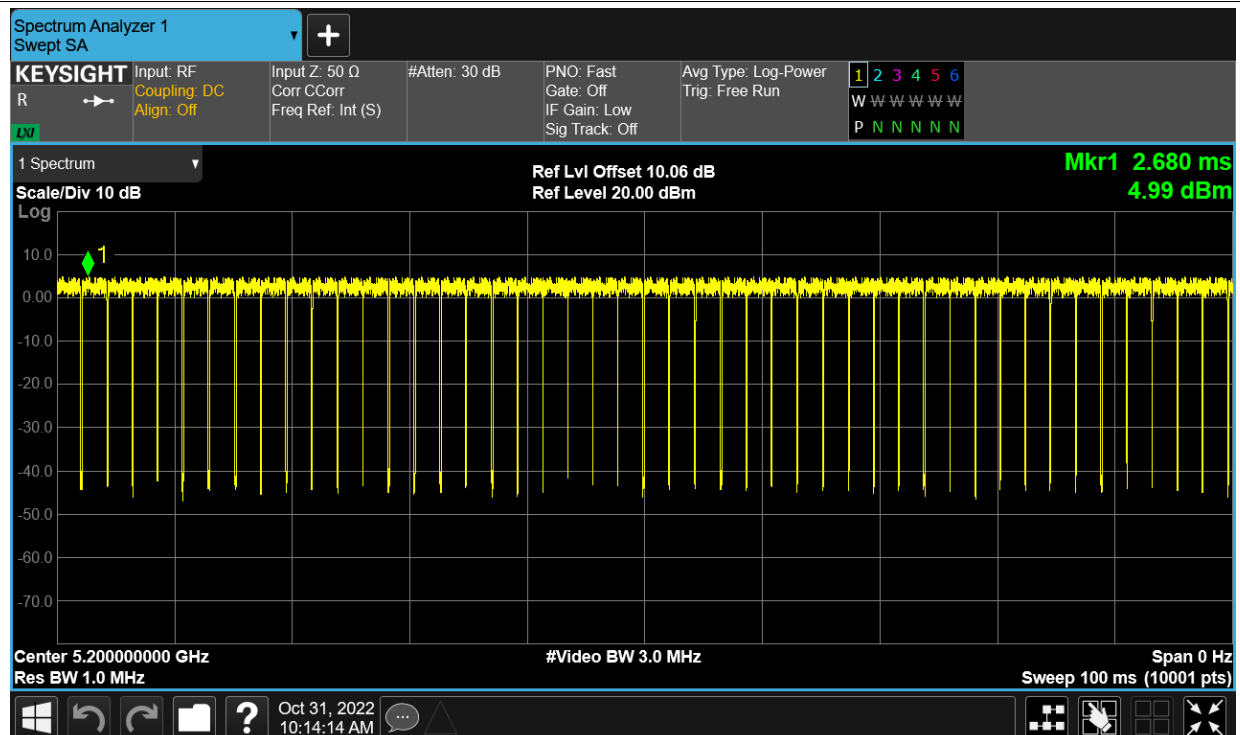
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5180            | Ant2    | 95.93          | 0.18                   |
| NVNT      | a    | 5200            | Ant2    | 95.91          | 0.18                   |
| NVNT      | a    | 5240            | Ant2    | 95.7           | 0.19                   |
| NVNT      | ac20 | 5180            | Ant2    | 95.12          | 0.22                   |
| NVNT      | ac20 | 5200            | Ant2    | 96.27          | 0.17                   |
| NVNT      | ac20 | 5240            | Ant2    | 95.66          | 0.19                   |
| NVNT      | ac40 | 5190            | Ant2    | 91.66          | 0.38                   |
| NVNT      | ac40 | 5230            | Ant2    | 91.25          | 0.4                    |
| NVNT      | ac80 | 5210            | Ant2    | 83.44          | 0.79                   |
| NVNT      | n20  | 5180            | Ant2    | 95.38          | 0.21                   |
| NVNT      | n20  | 5200            | Ant2    | 95.4           | 0.2                    |
| NVNT      | n20  | 5240            | Ant2    | 95.74          | 0.19                   |
| NVNT      | n40  | 5190            | Ant2    | 91.87          | 0.37                   |
| NVNT      | n40  | 5230            | Ant2    | 91.6           | 0.38                   |

## Test Graphs

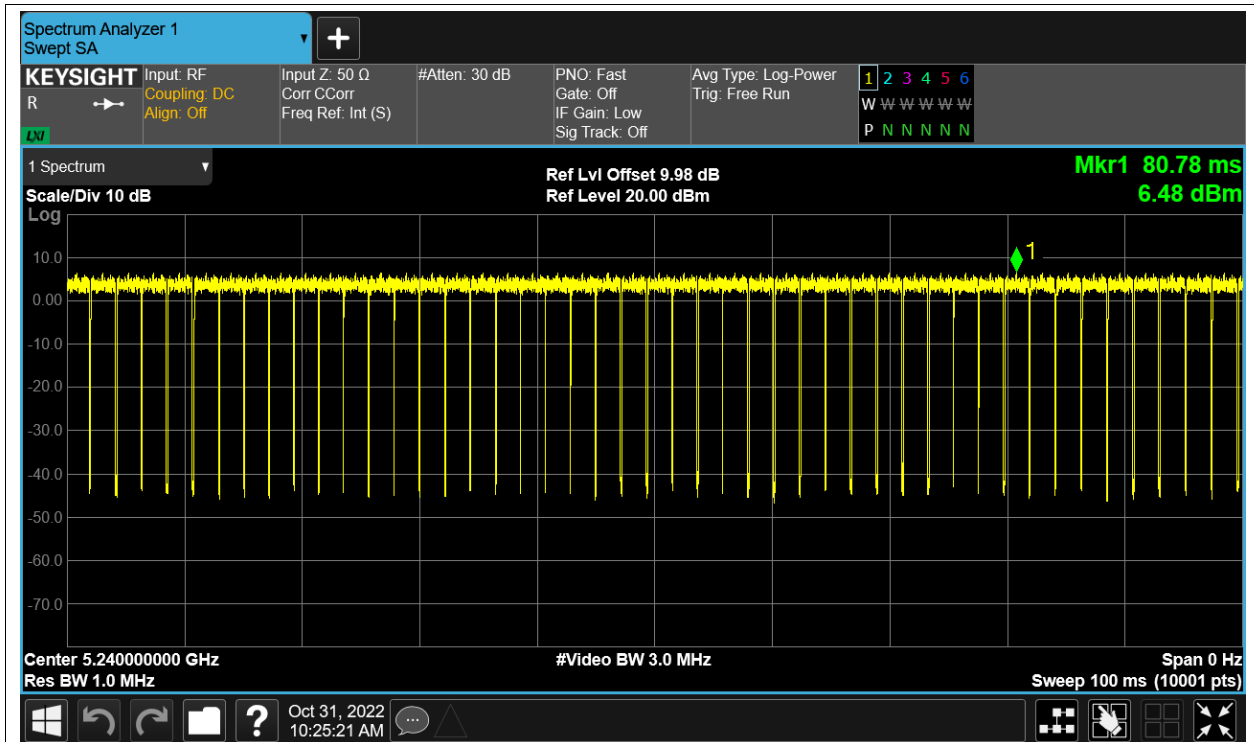
## Duty Cycle NVNT a 5180MHz Ant2



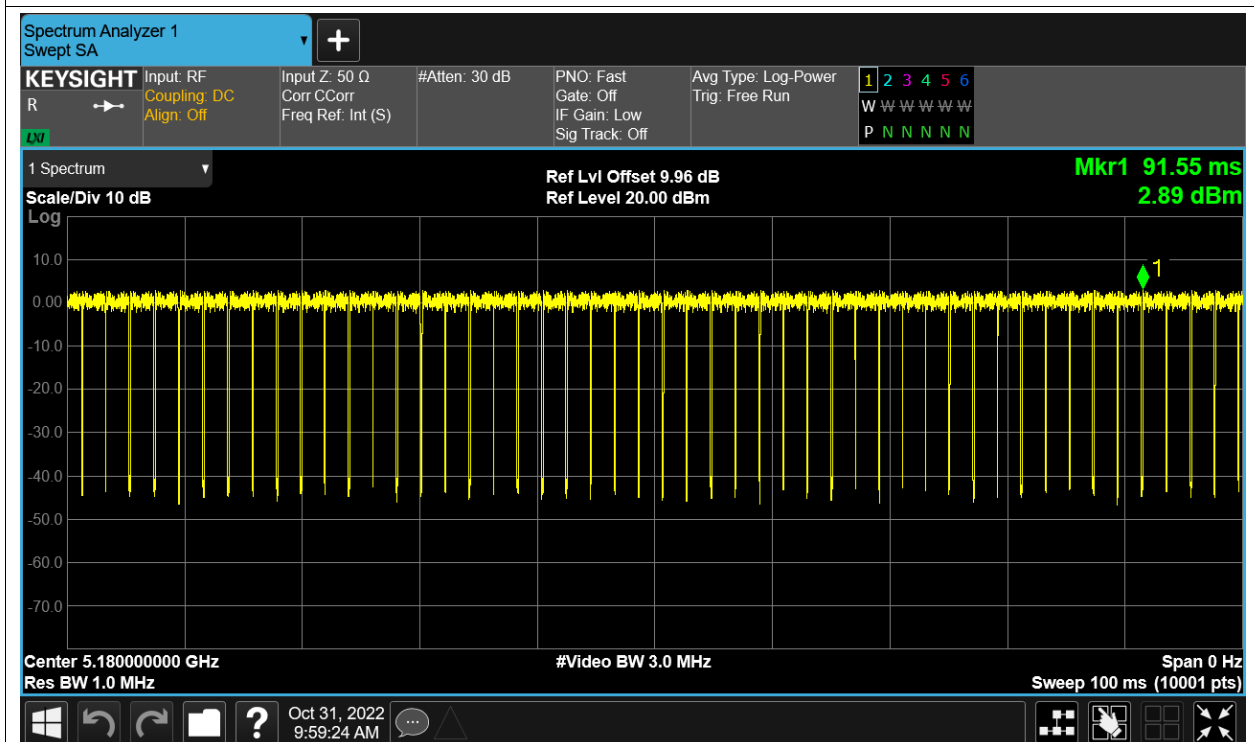
## Duty Cycle NVNT a 5200MHz Ant2



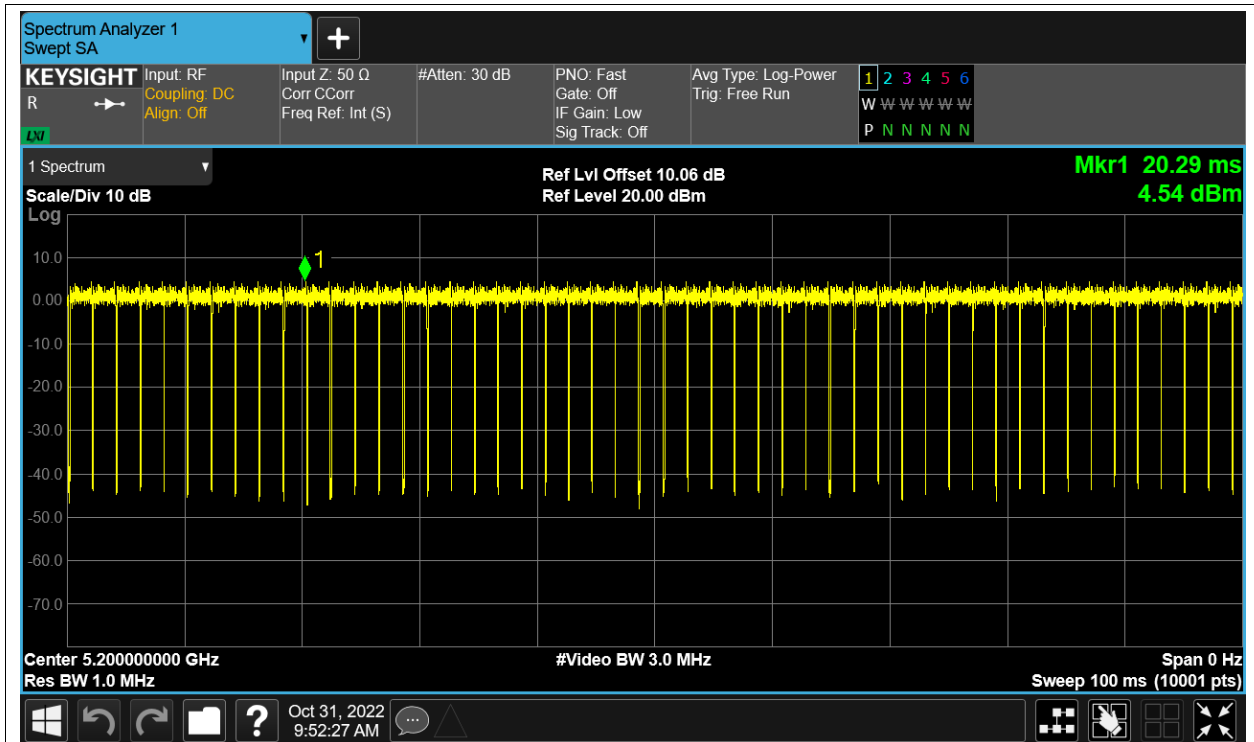
## Duty Cycle NVNT a 5240MHz Ant2



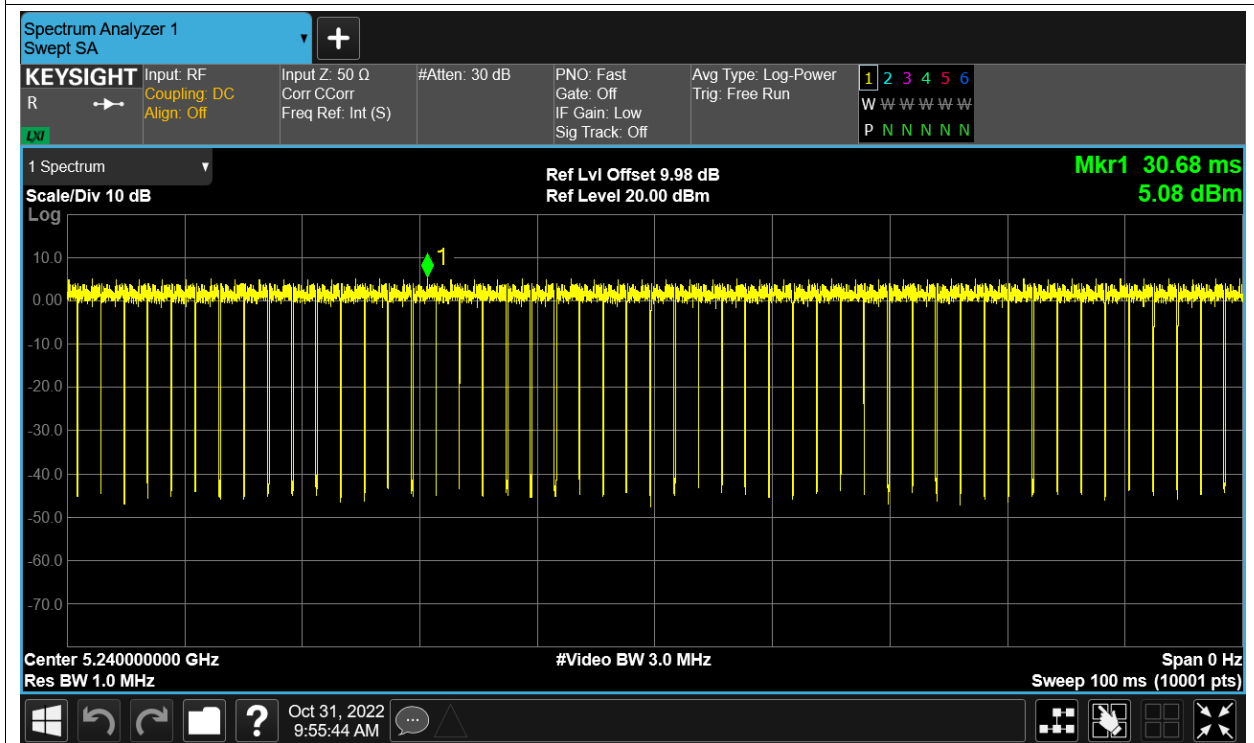
Duty Cycle NVNT ac20 5180MHz Ant2



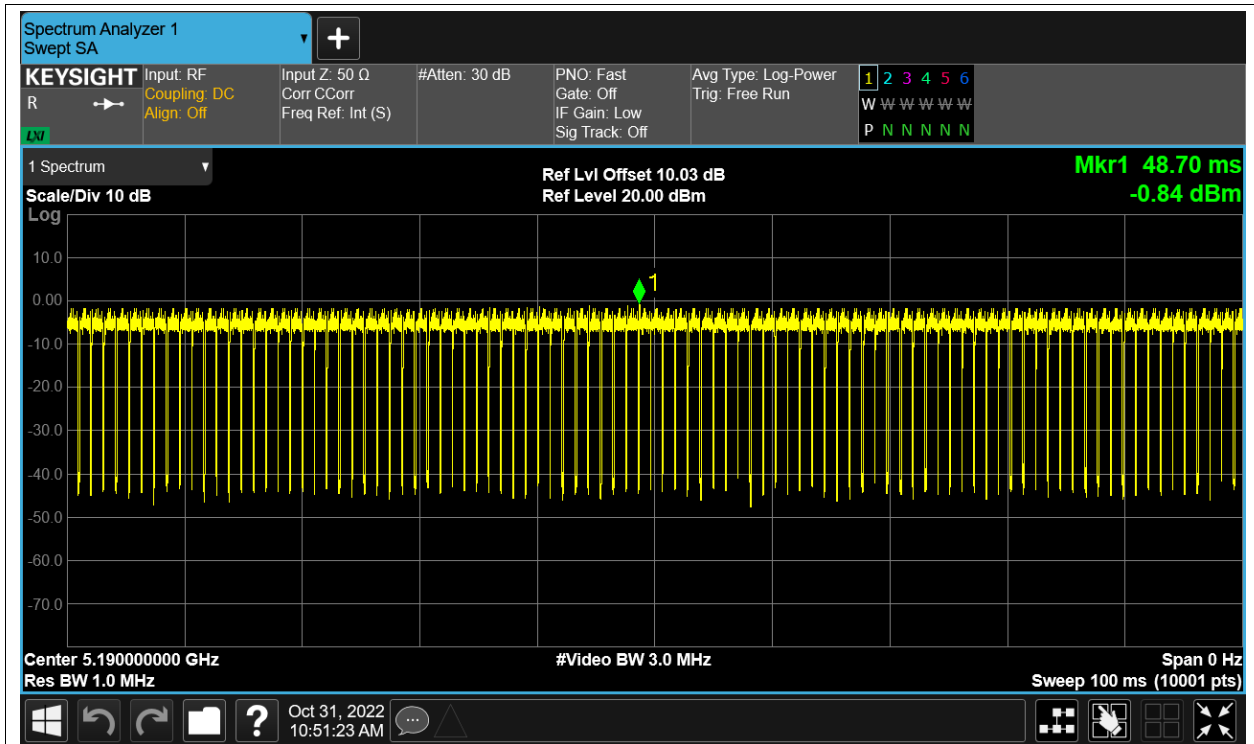
Duty Cycle NVNT ac20 5200MHz Ant2



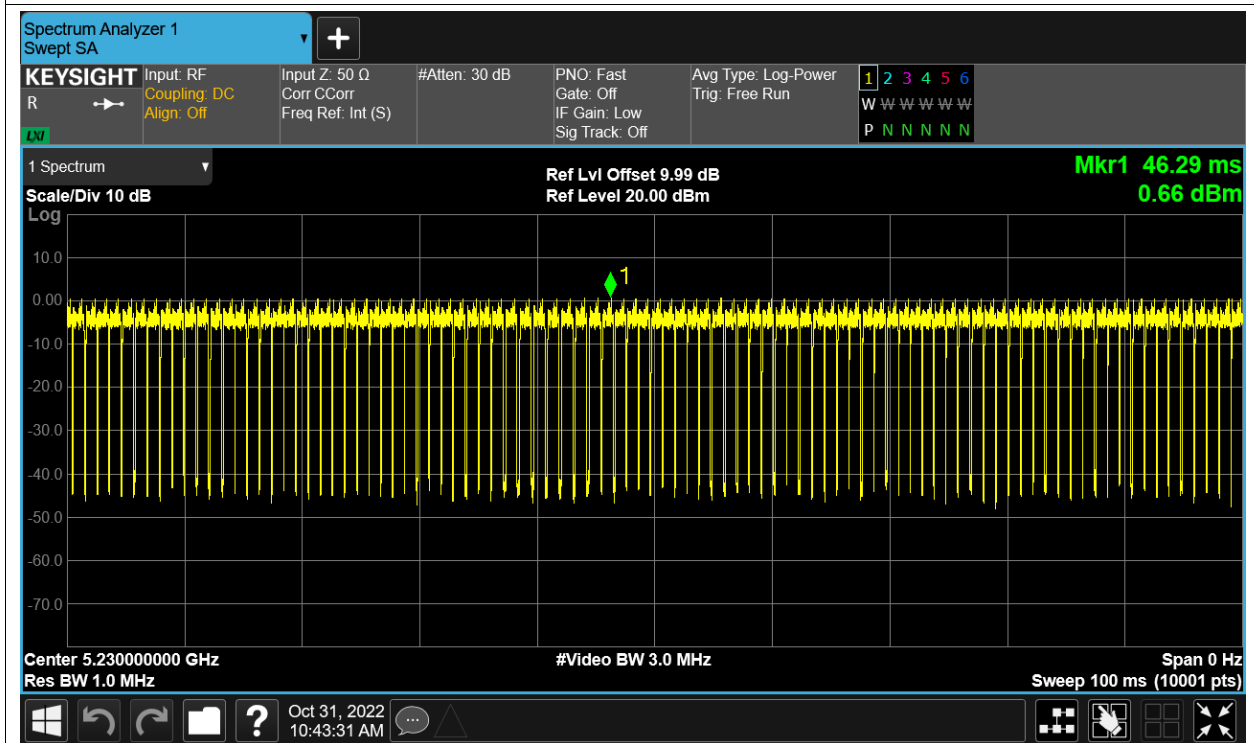
Duty Cycle NVNT ac20 5240MHz Ant2



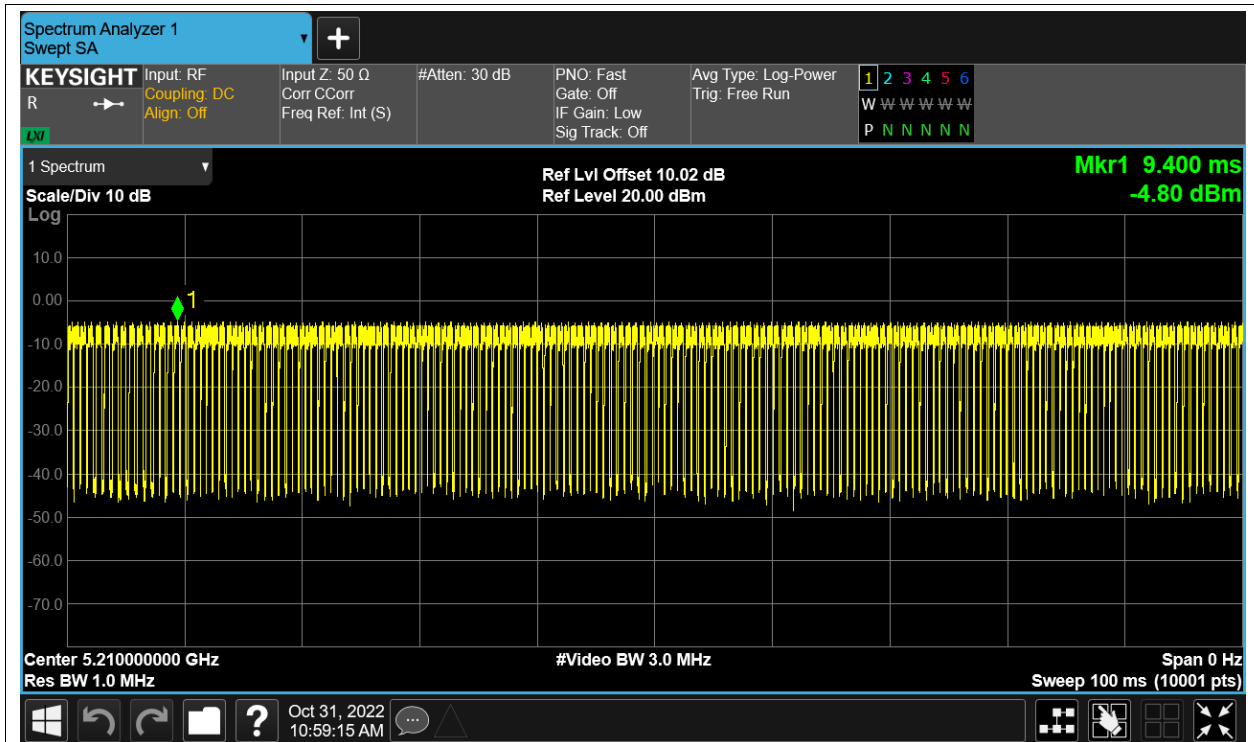
Duty Cycle NVNT ac40 5190MHz Ant2



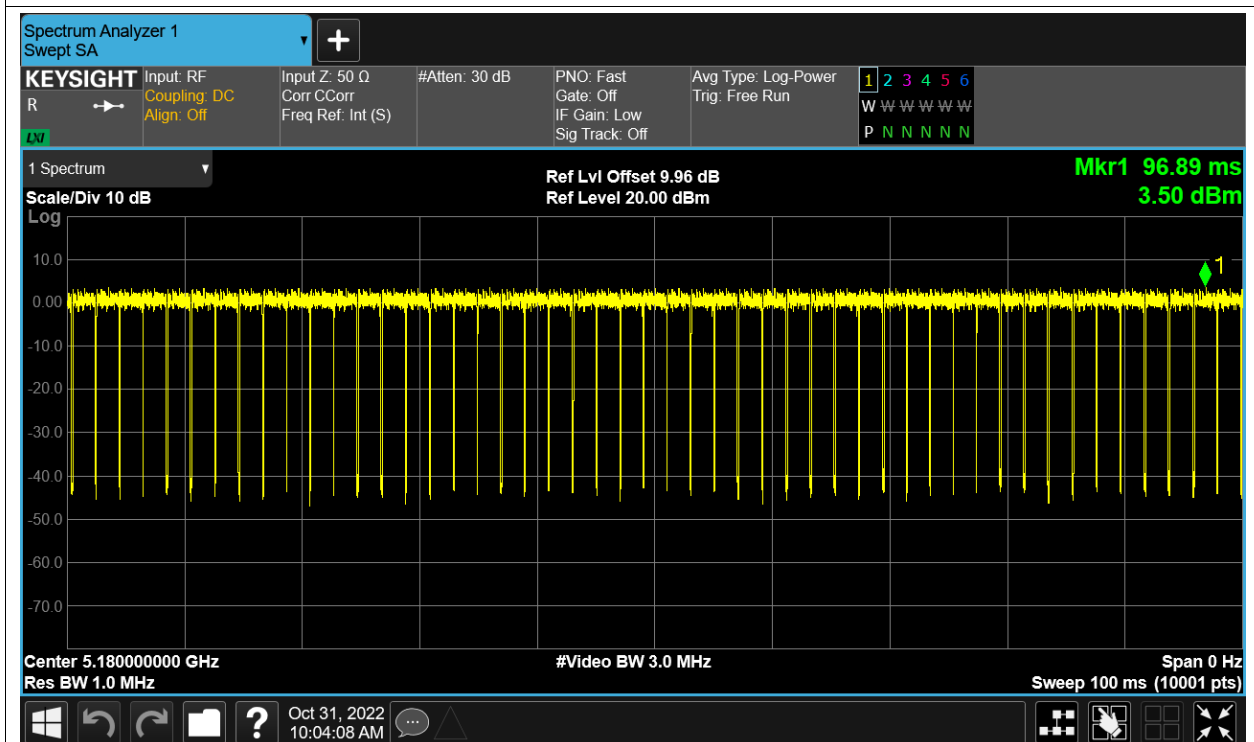
Duty Cycle NVNT ac40 5230MHz Ant2



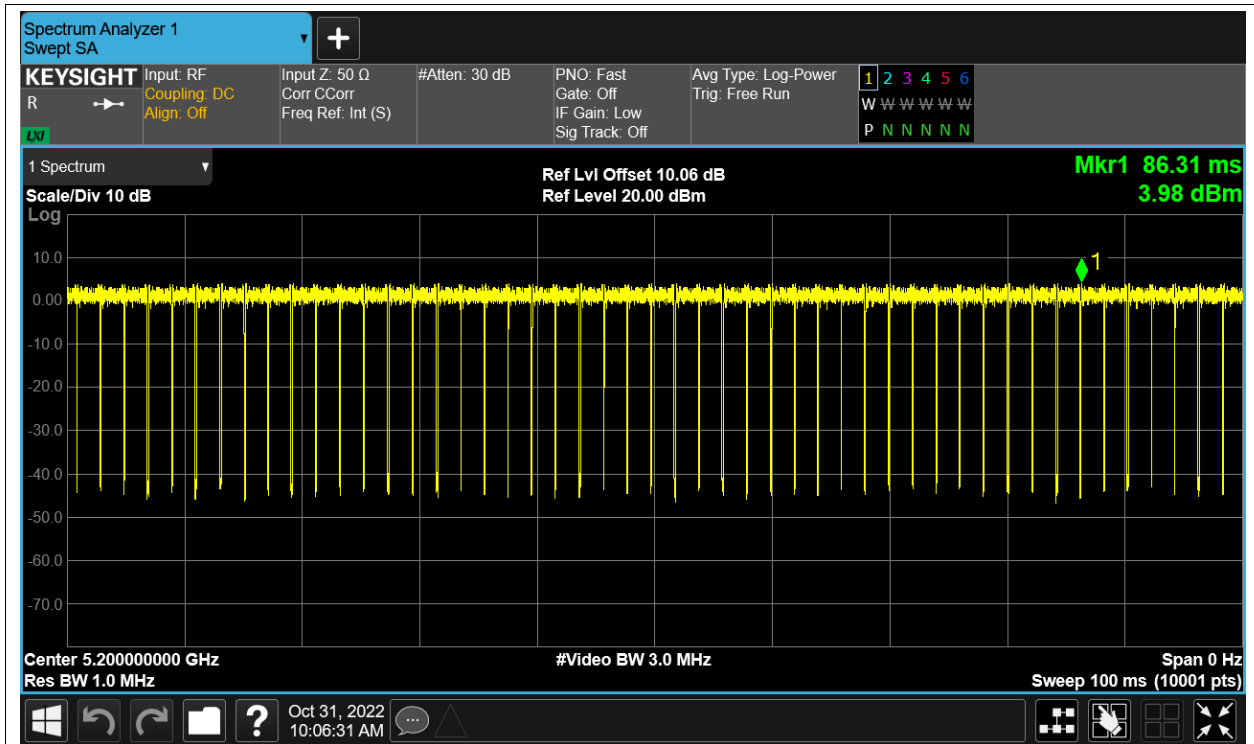
Duty Cycle NVNT ac80 5210MHz Ant2



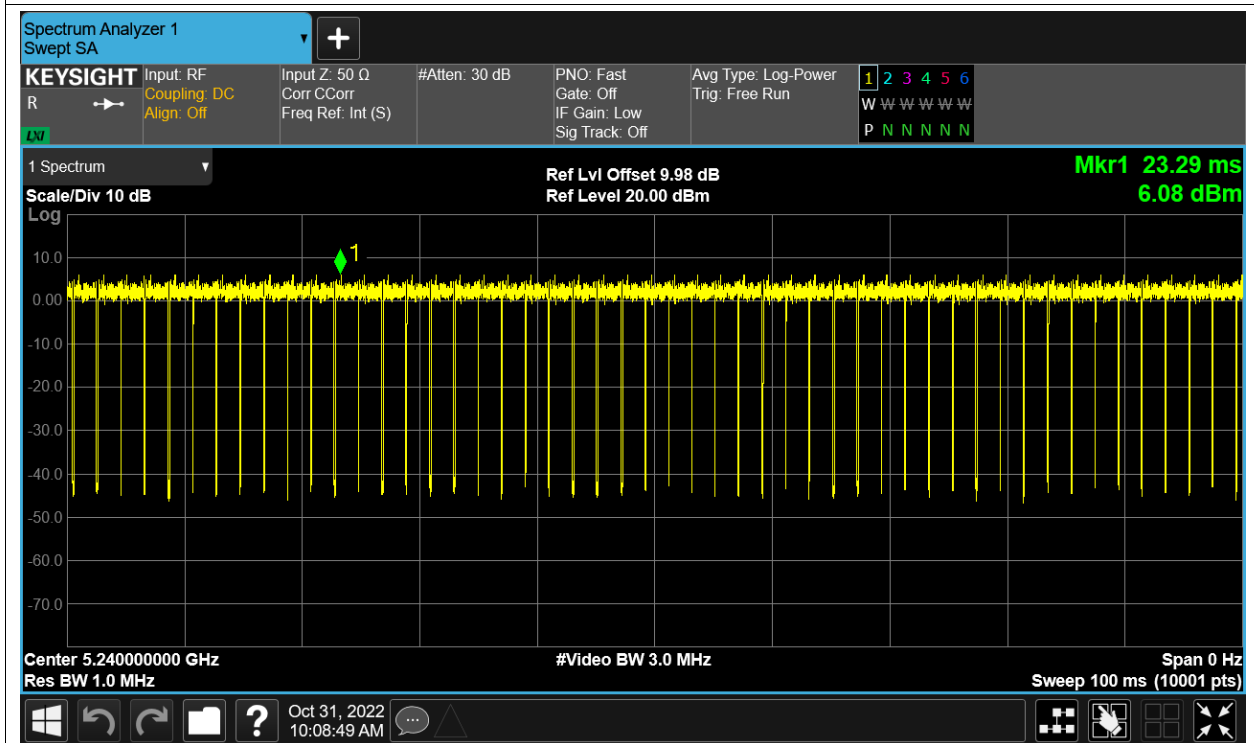
Duty Cycle NVNT n20 5180MHz Ant2



Duty Cycle NVNT n20 5200MHz Ant2

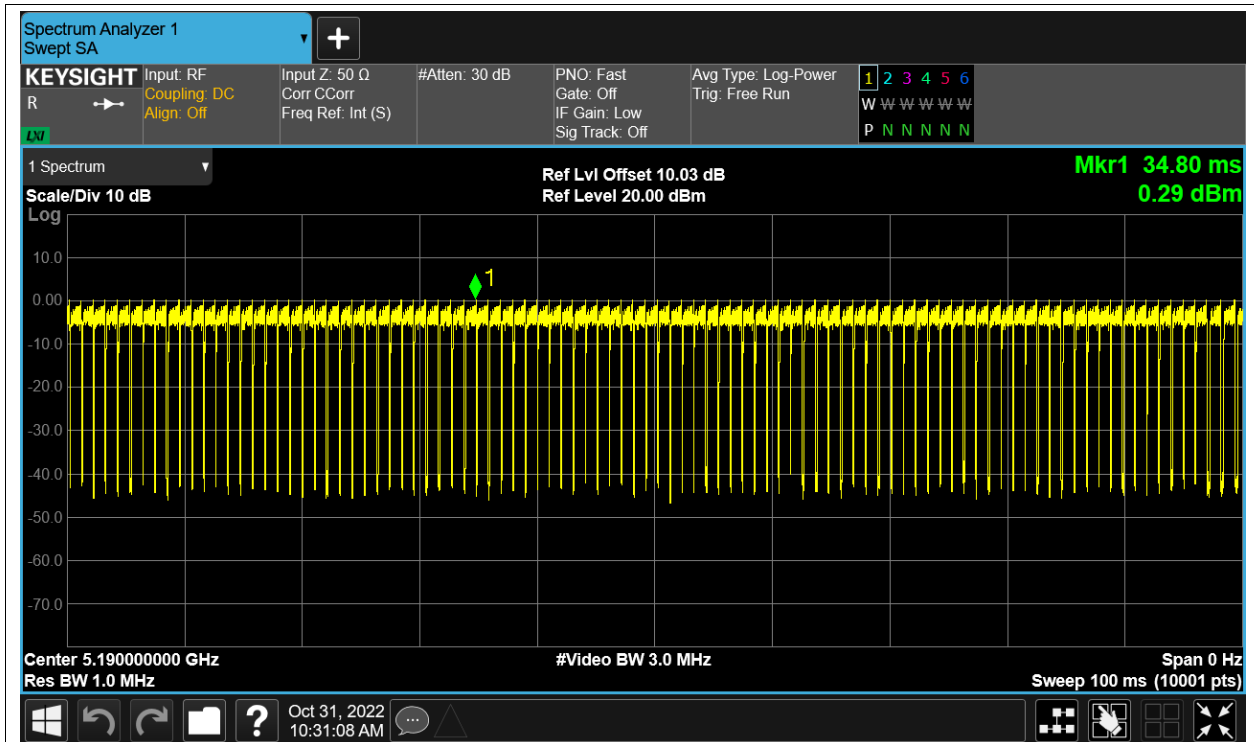


Duty Cycle NVNT n20 5240MHz Ant2

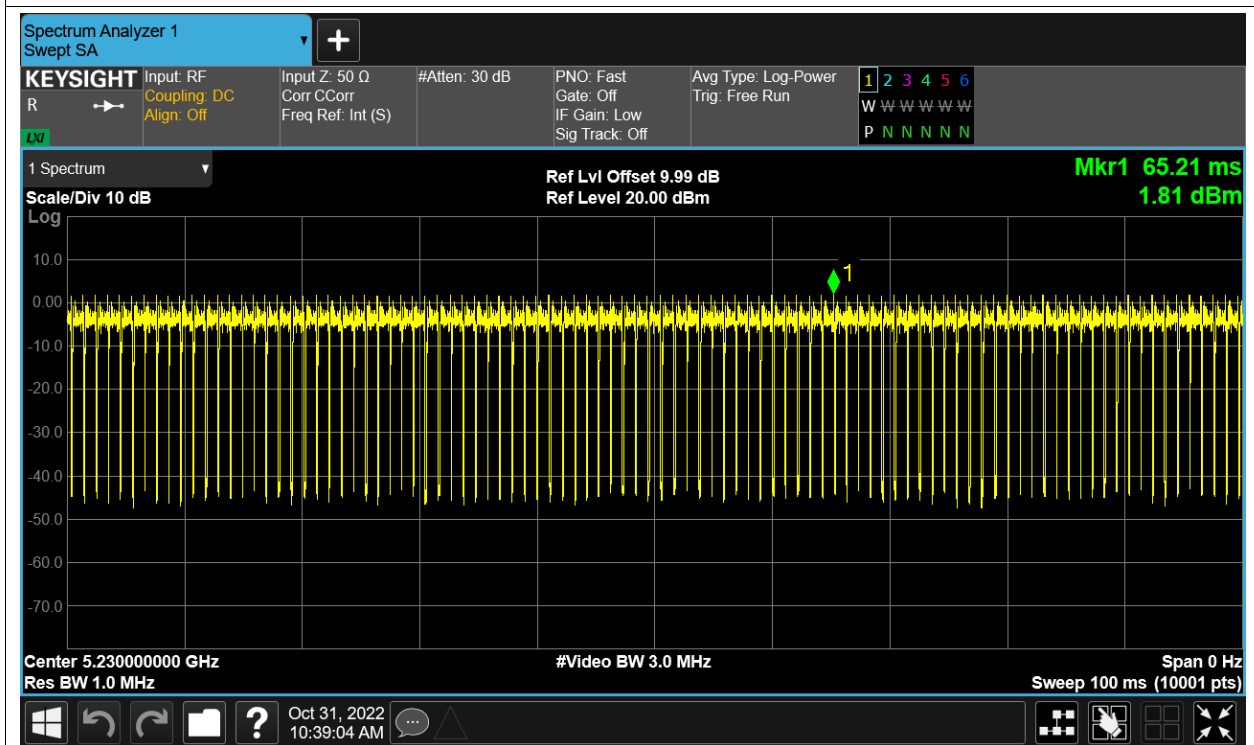


Duty Cycle NVNT n40 5190MHz Ant2





Duty Cycle NVNT n40 5230MHz Ant2



## Maximum Conducted Output Power

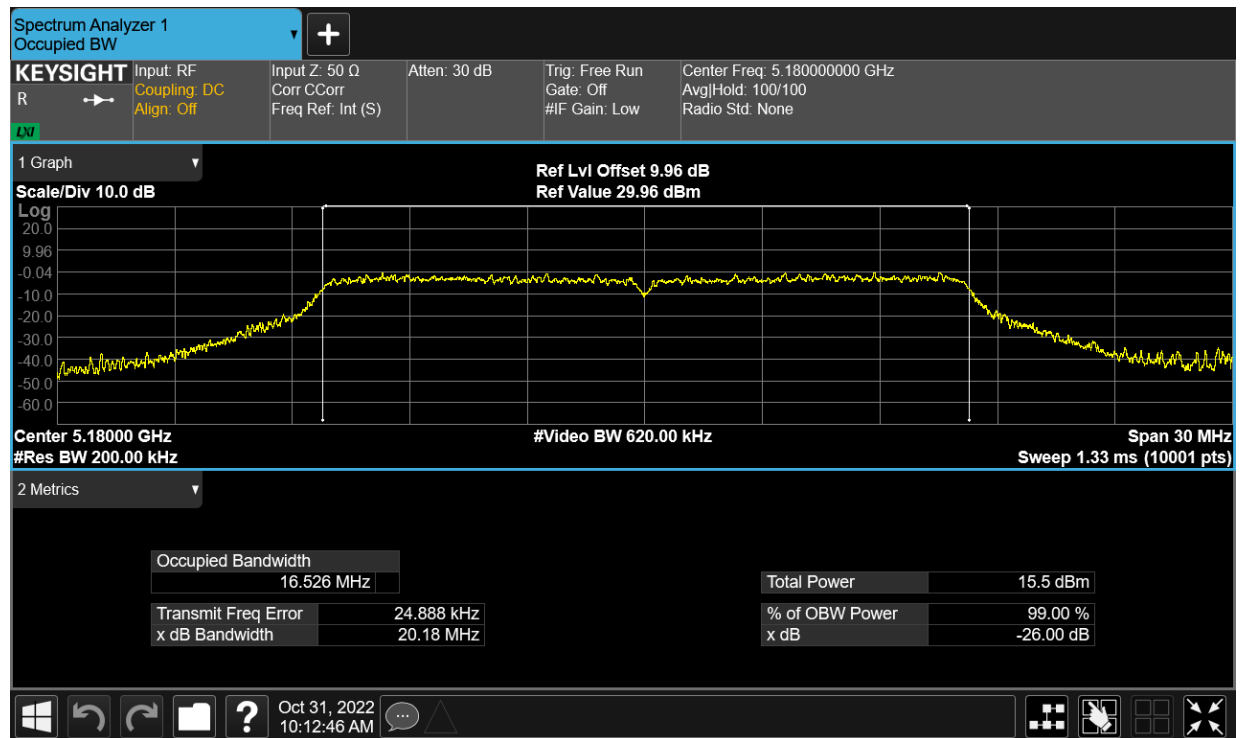
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5180               | Ant2    | 10.88                    | 0.18                | 11.06                | 24             | Pass    |
| NVNT      | a    | 5200               | Ant2    | 11.43                    | 0.18                | 11.61                | 24             | Pass    |
| NVNT      | a    | 5240               | Ant2    | 12.28                    | 0.19                | 12.47                | 24             | Pass    |
| NVNT      | ac20 | 5180               | Ant2    | 9.64                     | 0.22                | 9.86                 | 24             | Pass    |
| NVNT      | ac20 | 5200               | Ant2    | 10.09                    | 0.17                | 10.26                | 24             | Pass    |
| NVNT      | ac20 | 5240               | Ant2    | 10.72                    | 0.19                | 10.91                | 24             | Pass    |
| NVNT      | ac40 | 5190               | Ant2    | 9.64                     | 0.38                | 10.02                | 24             | Pass    |
| NVNT      | ac40 | 5230               | Ant2    | 10.38                    | 0.4                 | 10.78                | 24             | Pass    |
| NVNT      | ac80 | 5210               | Ant2    | 9.22                     | 0.79                | 10.01                | 24             | Pass    |
| NVNT      | n20  | 5180               | Ant2    | 9.87                     | 0.21                | 10.08                | 24             | Pass    |
| NVNT      | n20  | 5200               | Ant2    | 10.47                    | 0.2                 | 10.67                | 24             | Pass    |
| NVNT      | n20  | 5240               | Ant2    | 11.23                    | 0.19                | 11.42                | 24             | Pass    |
| NVNT      | n40  | 5190               | Ant2    | 10.53                    | 0.37                | 10.9                 | 24             | Pass    |
| NVNT      | n40  | 5230               | Ant2    | 10.83                    | 0.38                | 11.21                | 24             | Pass    |

## Occupied Channel Bandwidth

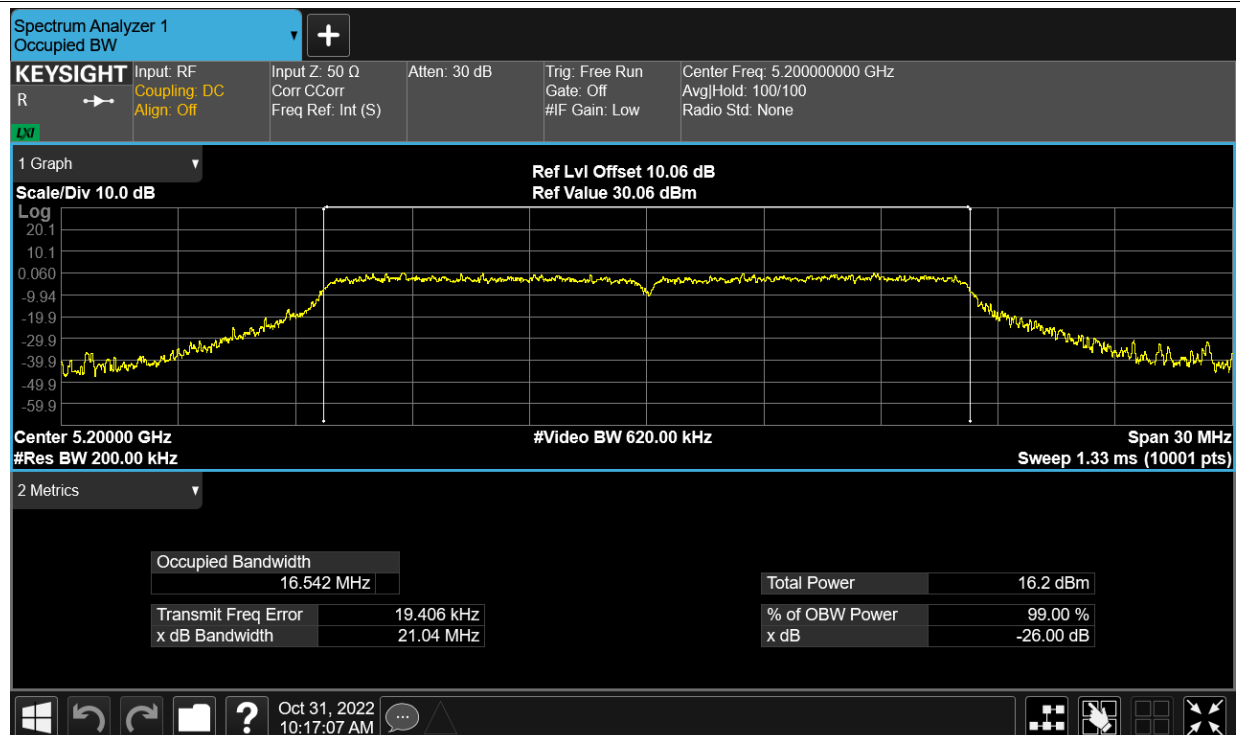
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5180            | Ant2    | 16.526        |
| NVNT      | a    | 5200            | Ant2    | 16.542        |
| NVNT      | a    | 5240            | Ant2    | 16.572        |
| NVNT      | ac20 | 5180            | Ant2    | 17.623        |
| NVNT      | ac20 | 5200            | Ant2    | 17.613        |
| NVNT      | ac20 | 5240            | Ant2    | 17.598        |
| NVNT      | ac40 | 5190            | Ant2    | 36.168        |
| NVNT      | ac40 | 5230            | Ant2    | 36.211        |
| NVNT      | ac80 | 5210            | Ant2    | 75.309        |
| NVNT      | n20  | 5180            | Ant2    | 17.63         |
| NVNT      | n20  | 5200            | Ant2    | 17.643        |
| NVNT      | n20  | 5240            | Ant2    | 17.594        |
| NVNT      | n40  | 5190            | Ant2    | 36.154        |
| NVNT      | n40  | 5230            | Ant2    | 36.188        |

## Test Graphs

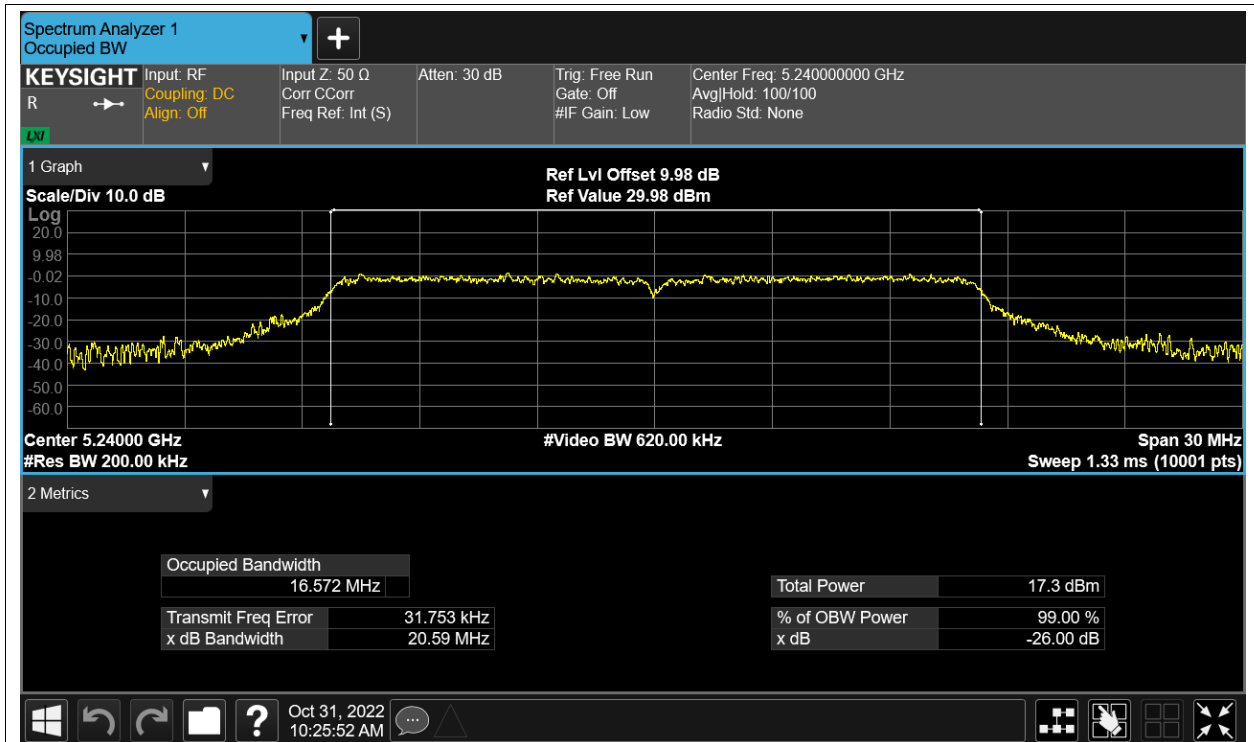
## OBW NVNT a 5180MHz Ant2



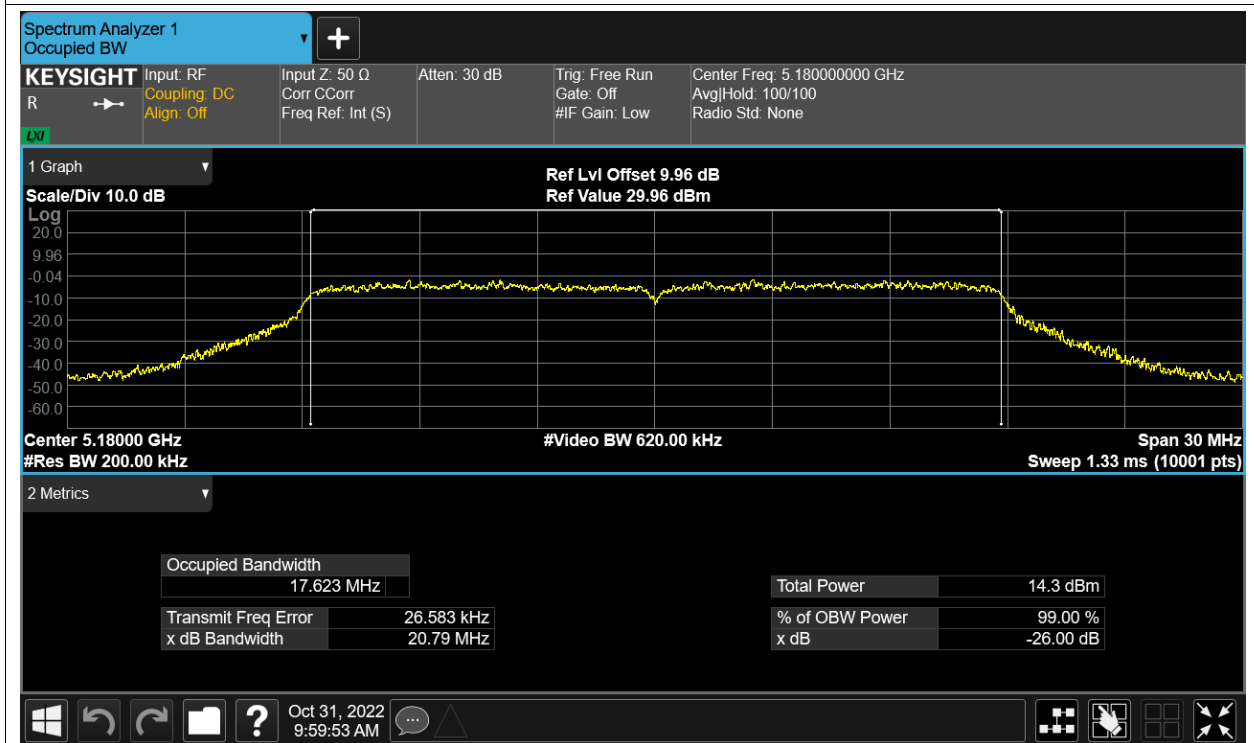
## OBW NVNT a 5200MHz Ant2



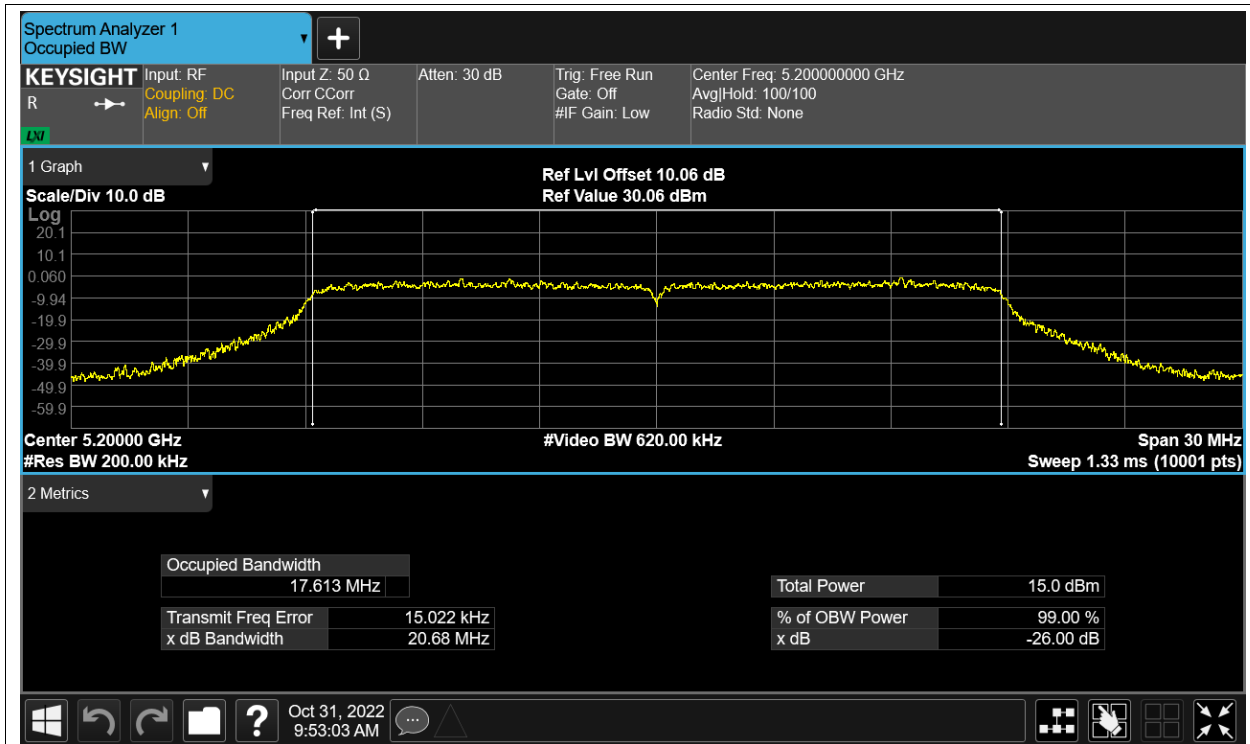
## OBW NVNT a 5240MHz Ant2



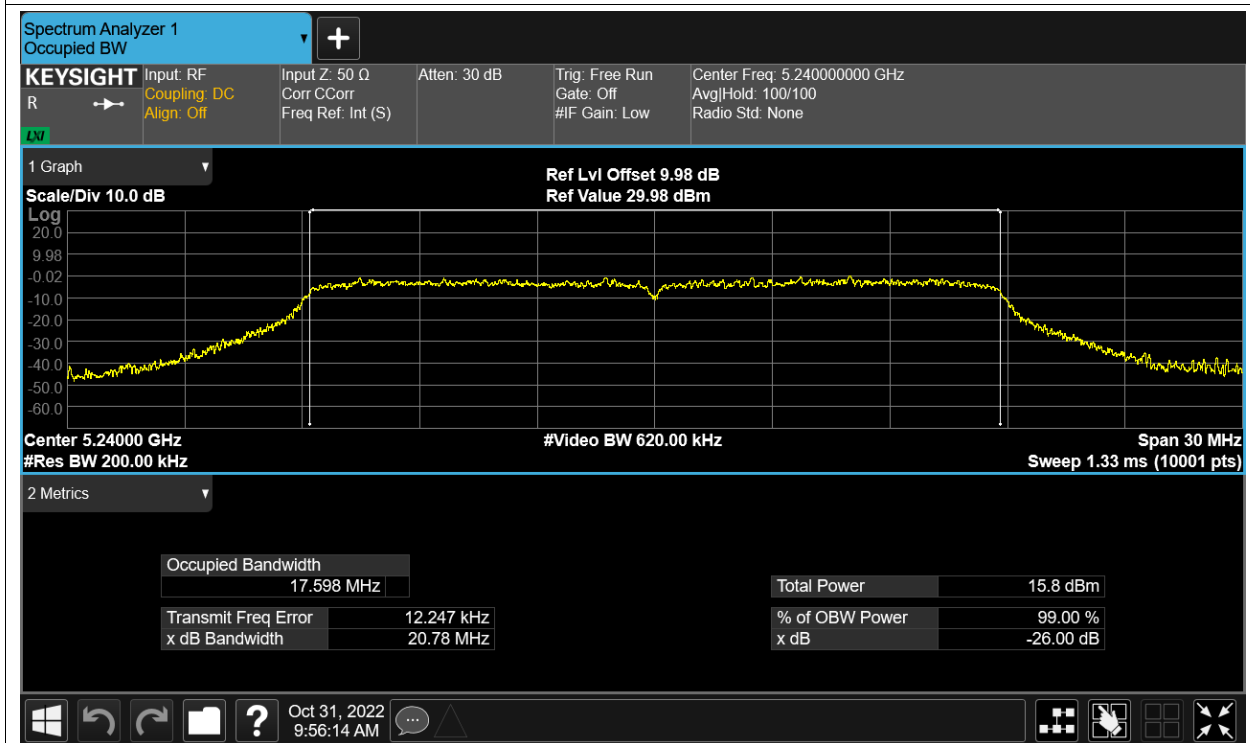
OBW NVNT ac20 5180MHz Ant2



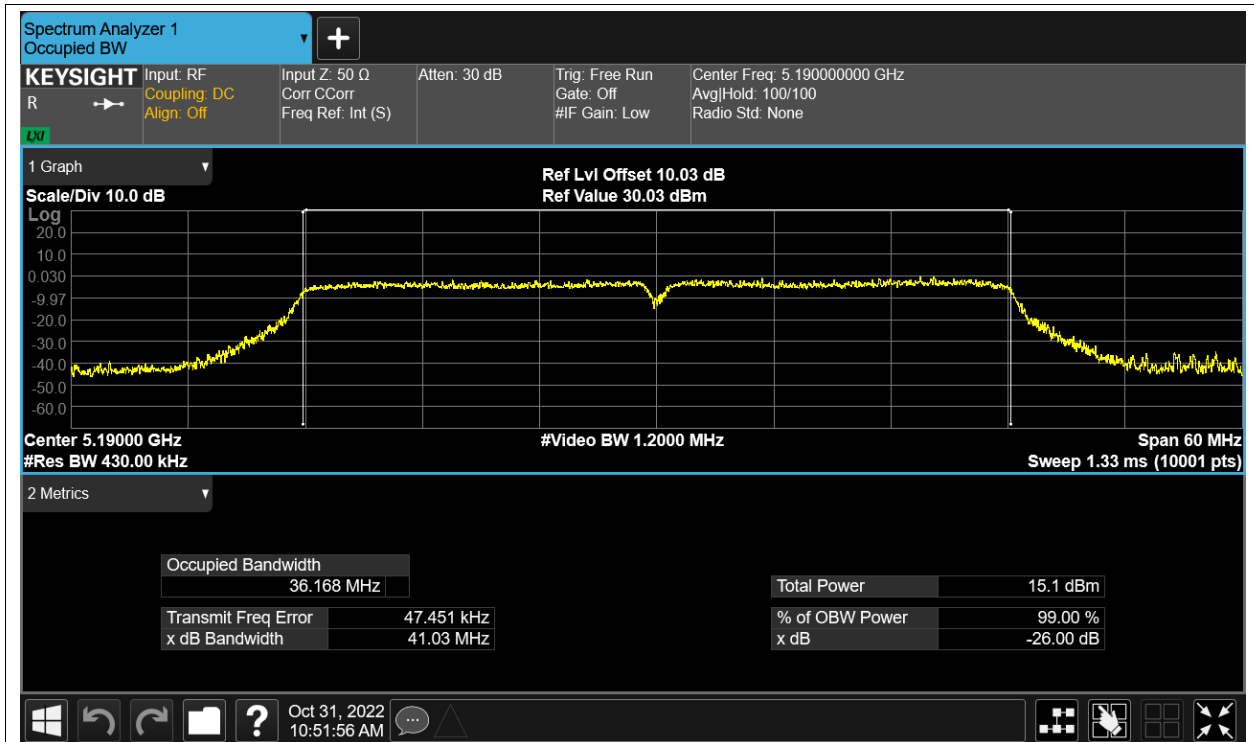
OBW NVNT ac20 5200MHz Ant2



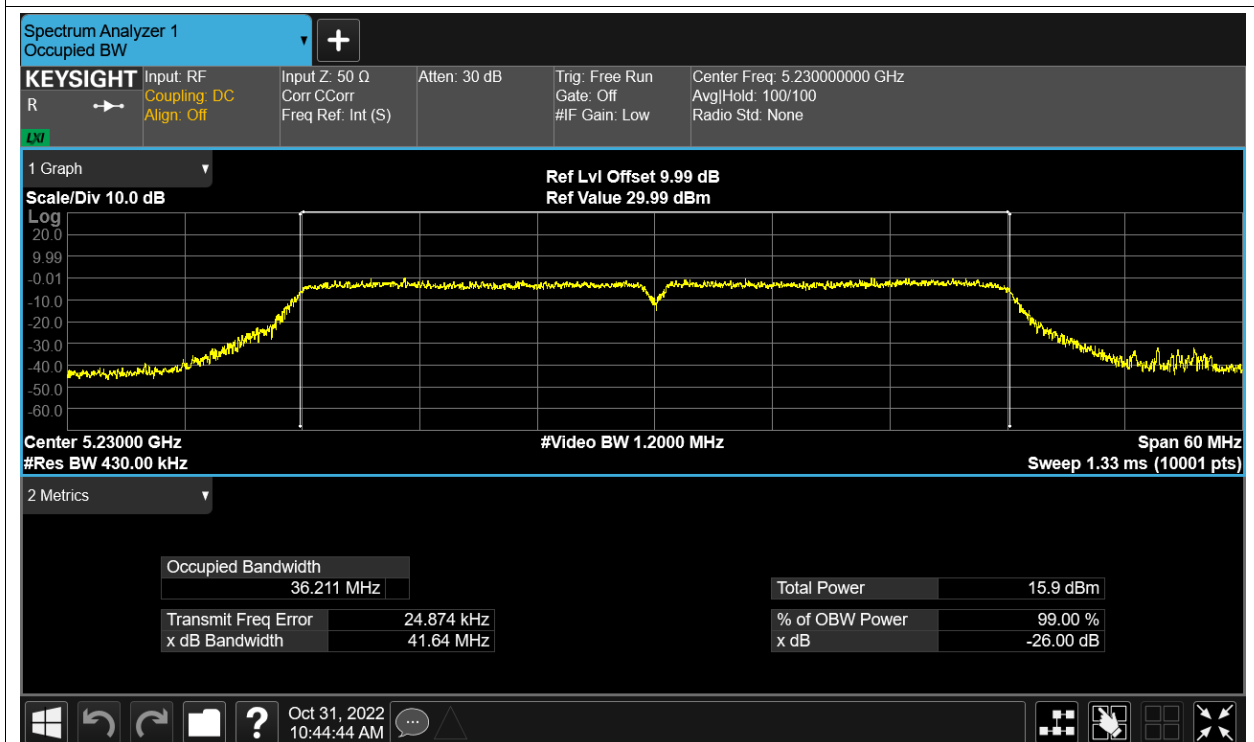
OBW NVNT ac20 5240MHz Ant2



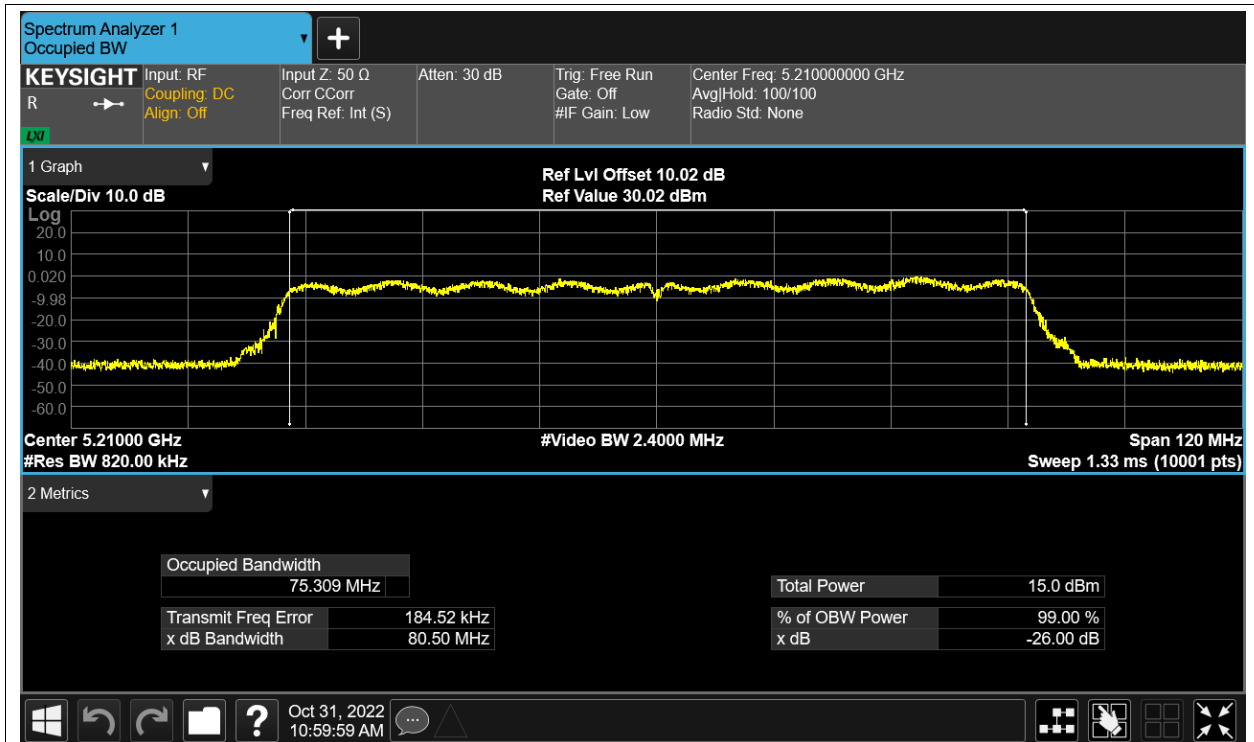
OBW NVNT ac40 5190MHz Ant2



OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant2

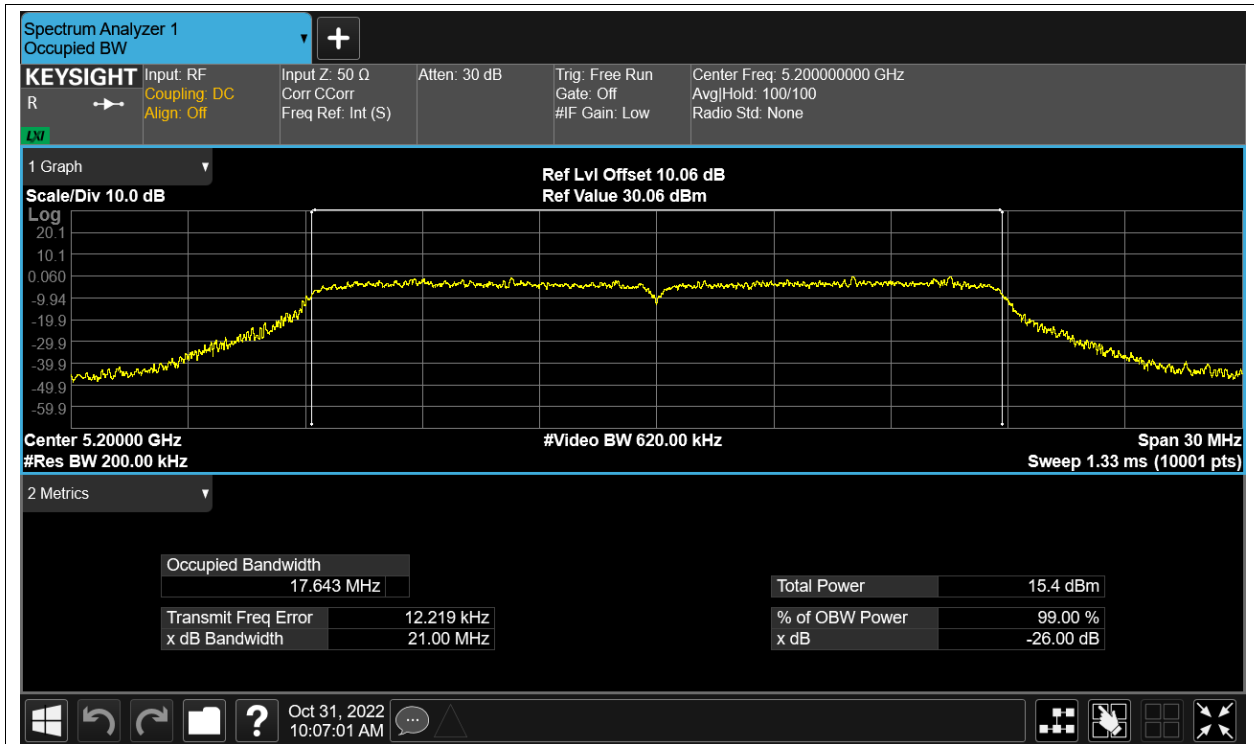


OBW NVNT n20 5180MHz Ant2

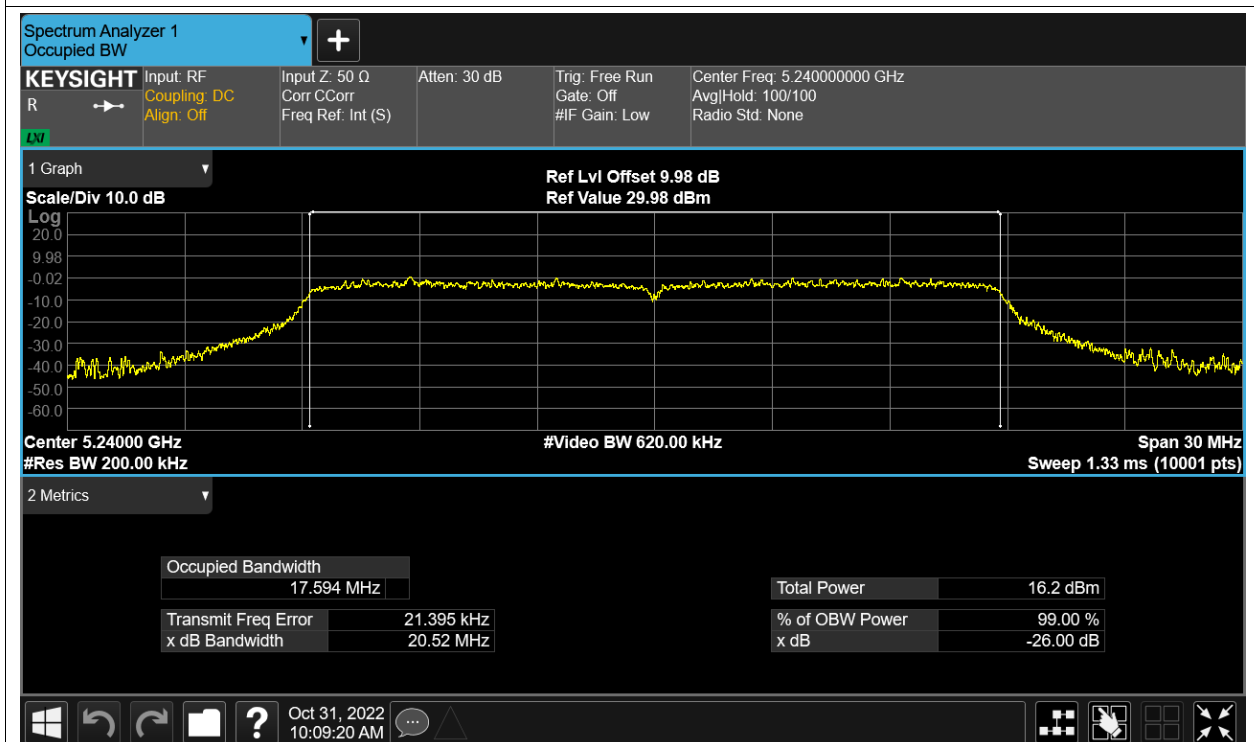


OBW NVNT n20 5200MHz Ant2

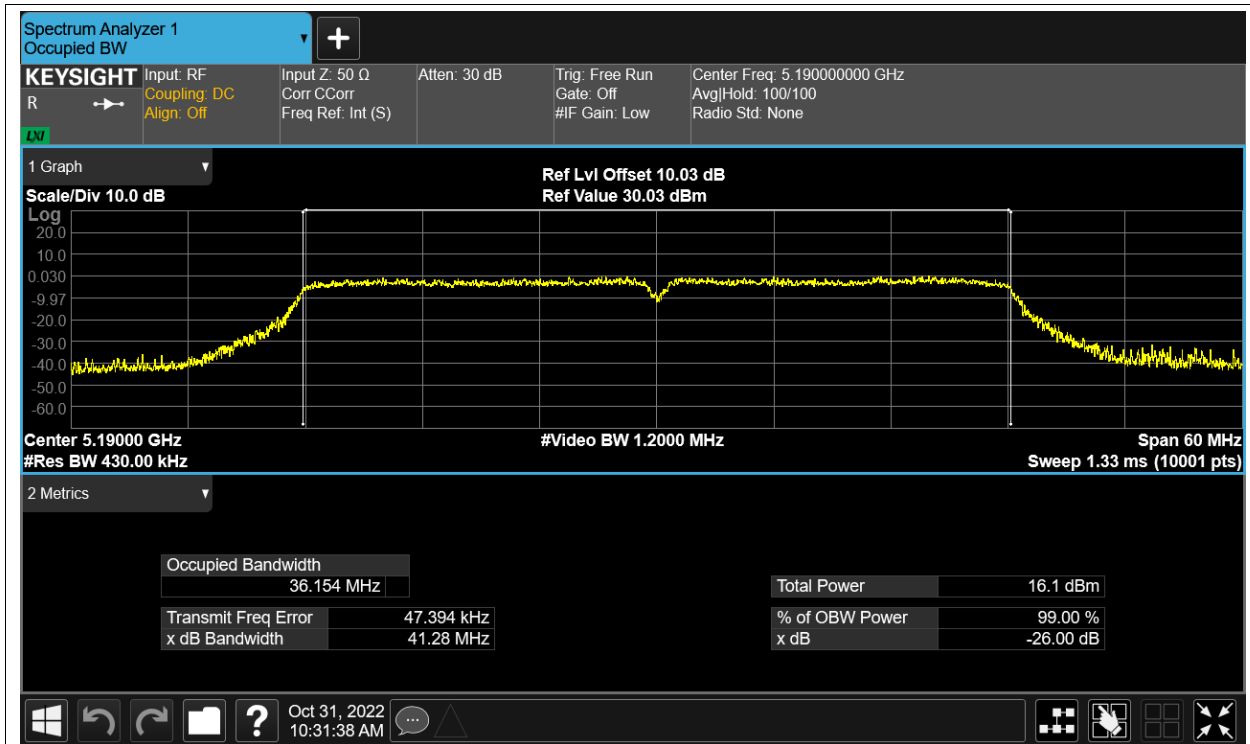




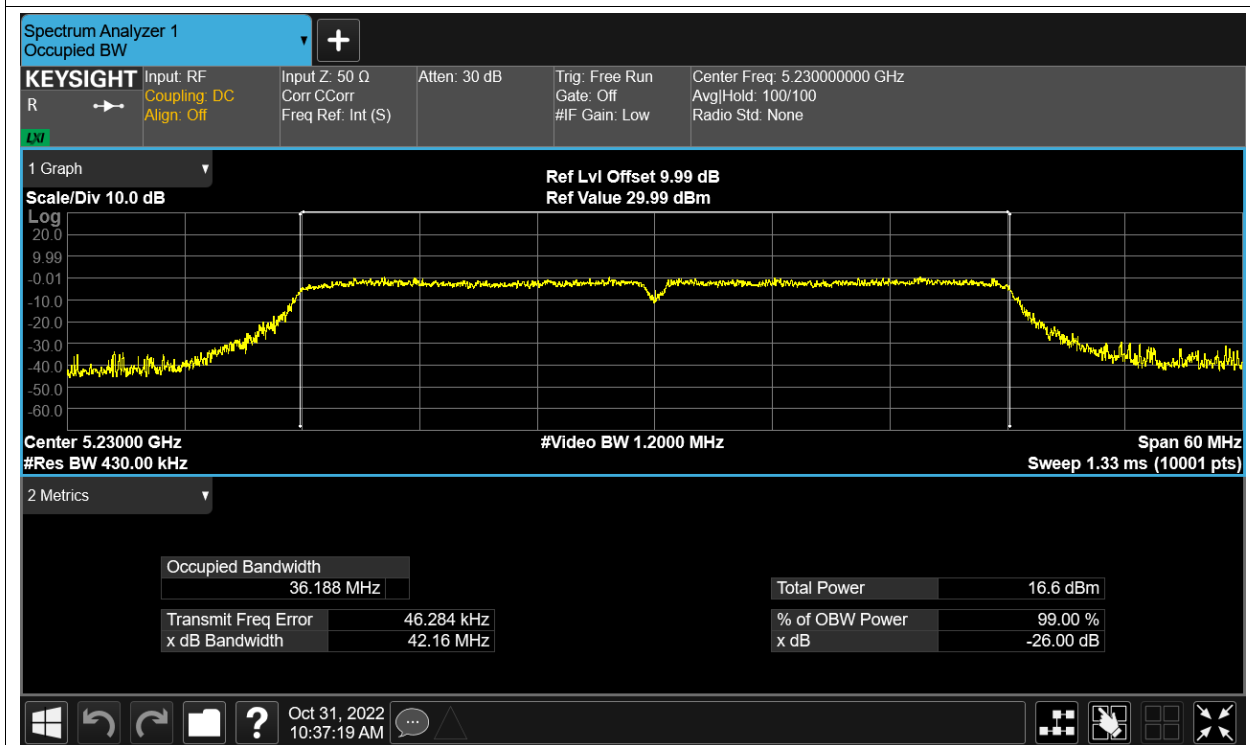
OBW NVNT n20 5240MHz Ant2



OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant2

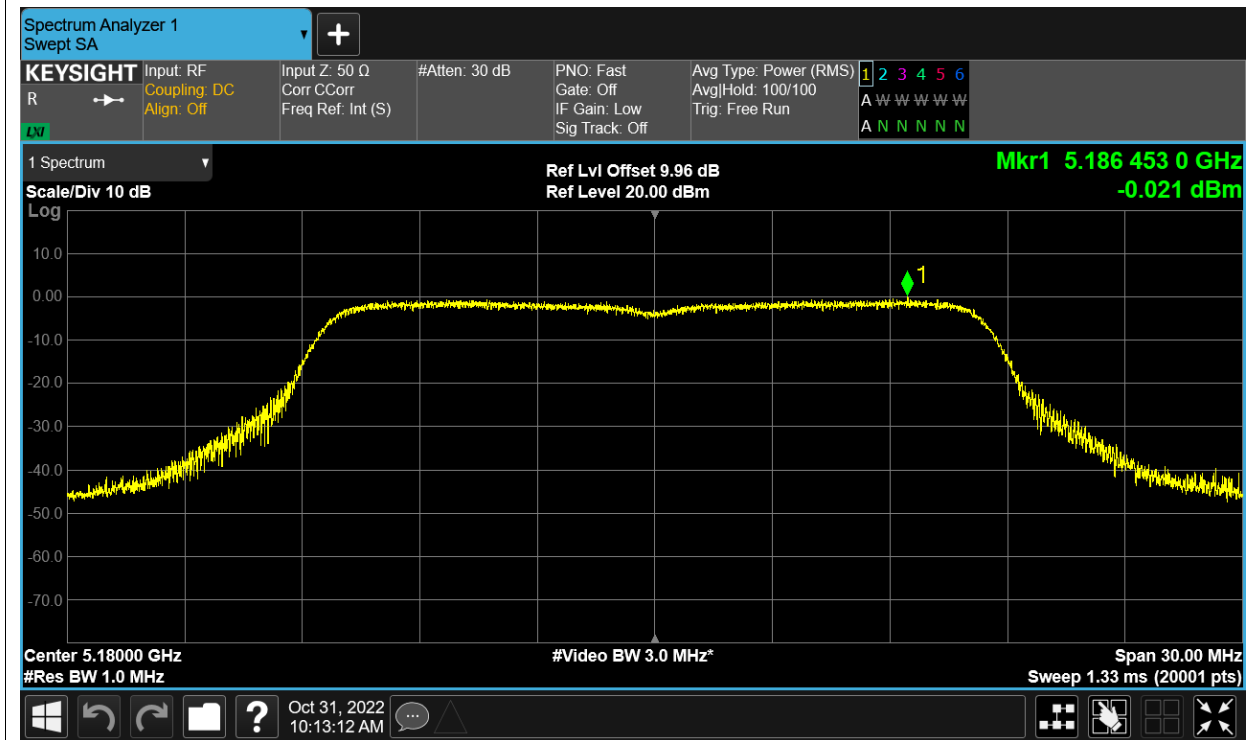


## Maximum Power Spectral Density Level

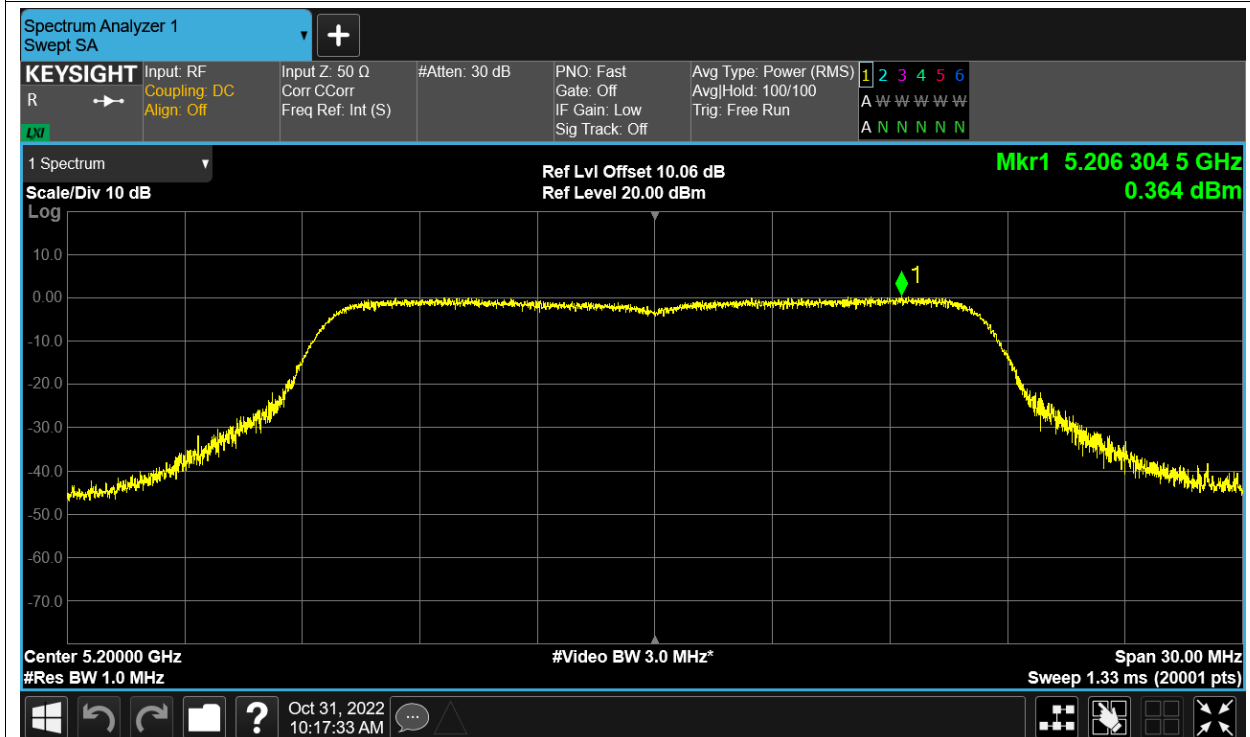
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | a    | 5180            | Ant2    | -0.021        | 11          | Pass    |
| NVNT      | a    | 5200            | Ant2    | 0.364         | 11          | Pass    |
| NVNT      | a    | 5240            | Ant2    | 1.303         | 11          | Pass    |
| NVNT      | ac20 | 5180            | Ant2    | -1.974        | 11          | Pass    |
| NVNT      | ac20 | 5200            | Ant2    | -1.468        | 11          | Pass    |
| NVNT      | ac20 | 5240            | Ant2    | -0.425        | 11          | Pass    |
| NVNT      | ac40 | 5190            | Ant2    | -4.703        | 11          | Pass    |
| NVNT      | ac40 | 5230            | Ant2    | -3.313        | 11          | Pass    |
| NVNT      | ac80 | 5210            | Ant2    | -7.775        | 11          | Pass    |
| NVNT      | n20  | 5180            | Ant2    | -1.598        | 11          | Pass    |
| NVNT      | n20  | 5200            | Ant2    | -0.848        | 11          | Pass    |
| NVNT      | n20  | 5240            | Ant2    | 0.058         | 11          | Pass    |
| NVNT      | n40  | 5190            | Ant2    | -3.213        | 11          | Pass    |
| NVNT      | n40  | 5230            | Ant2    | -3.242        | 11          | Pass    |

Test Graphs

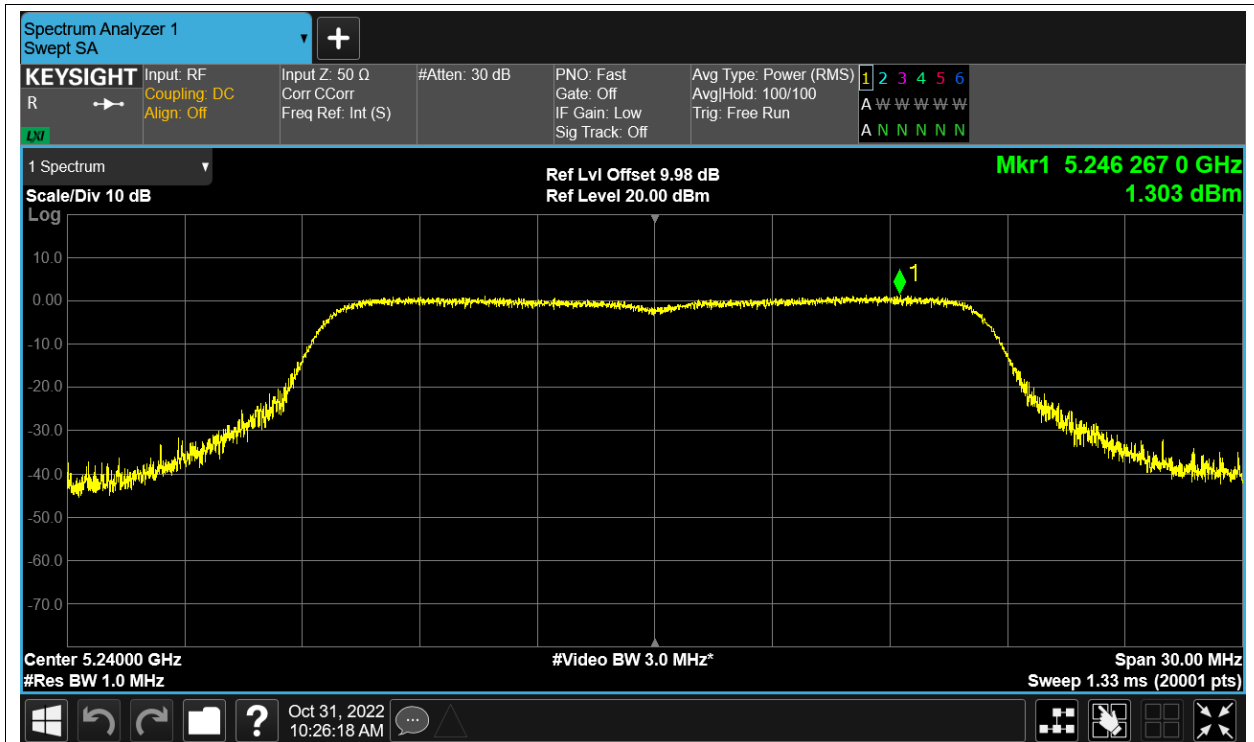
PSD NVNT a 5180MHz Ant2



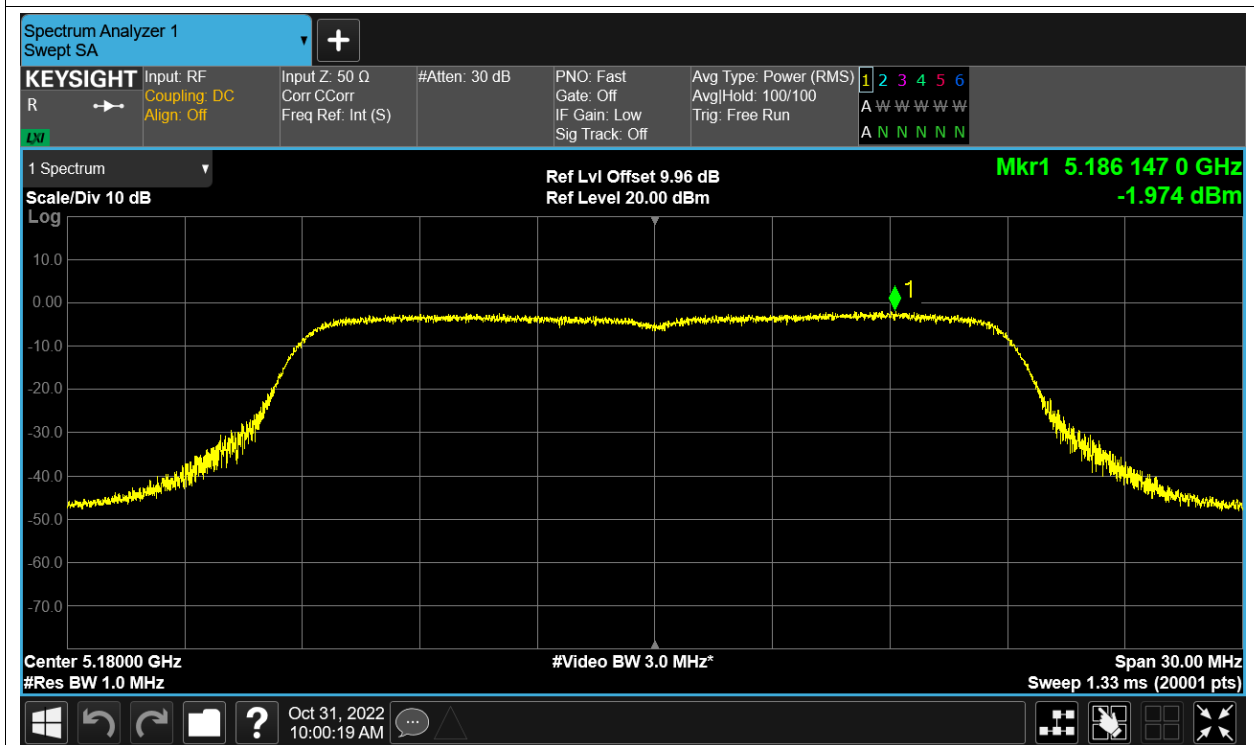
PSD NVNT a 5200MHz Ant2



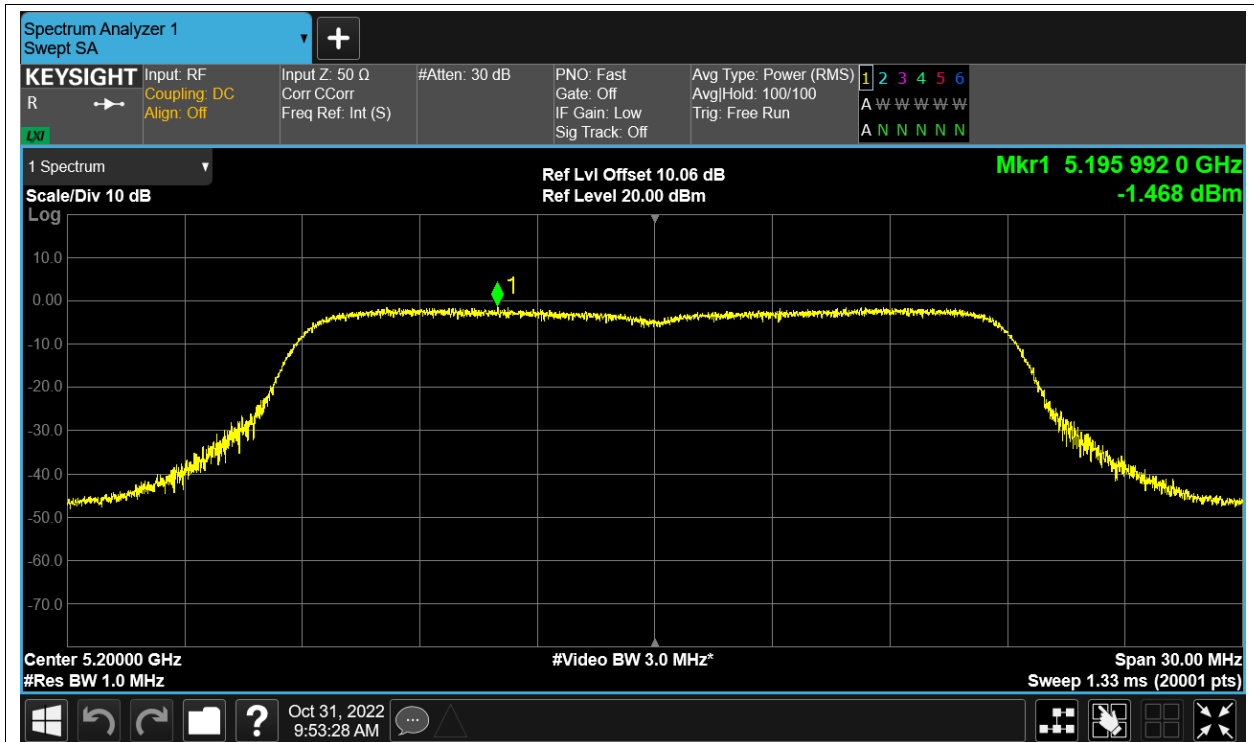
PSD NVNT a 5240MHz Ant2



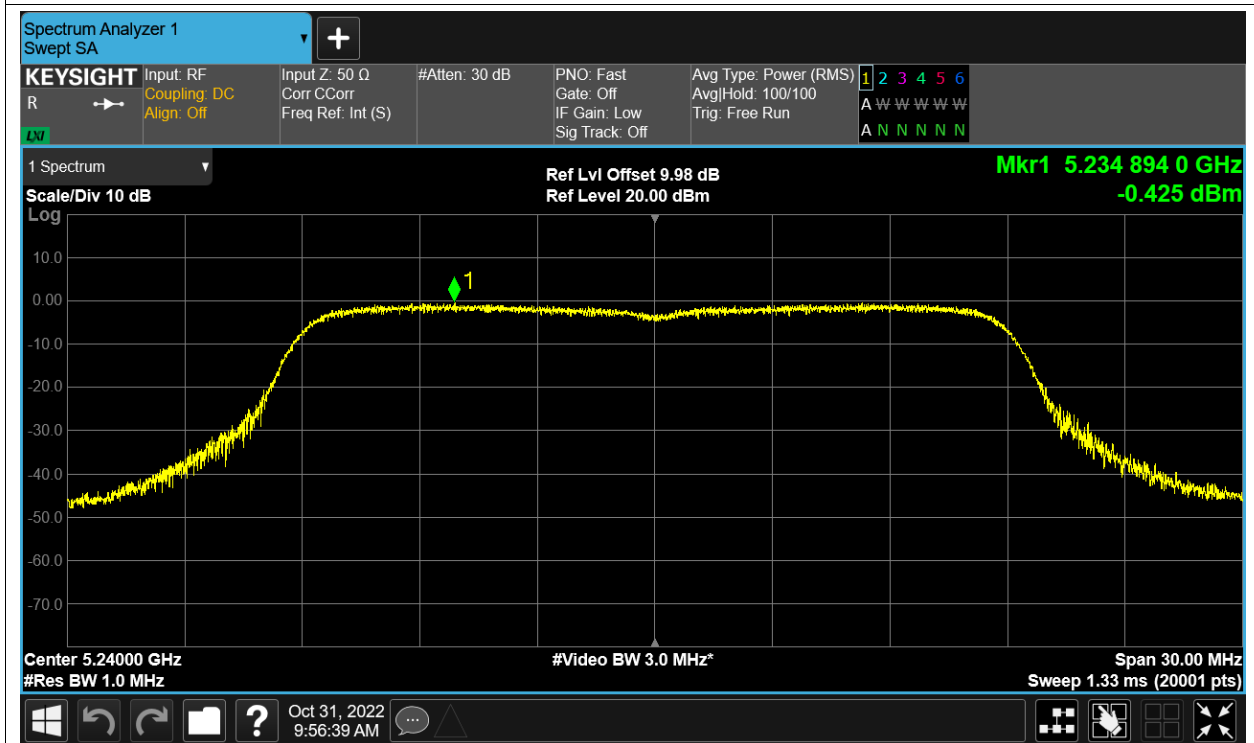
PSD NVNT ac20 5180MHz Ant2



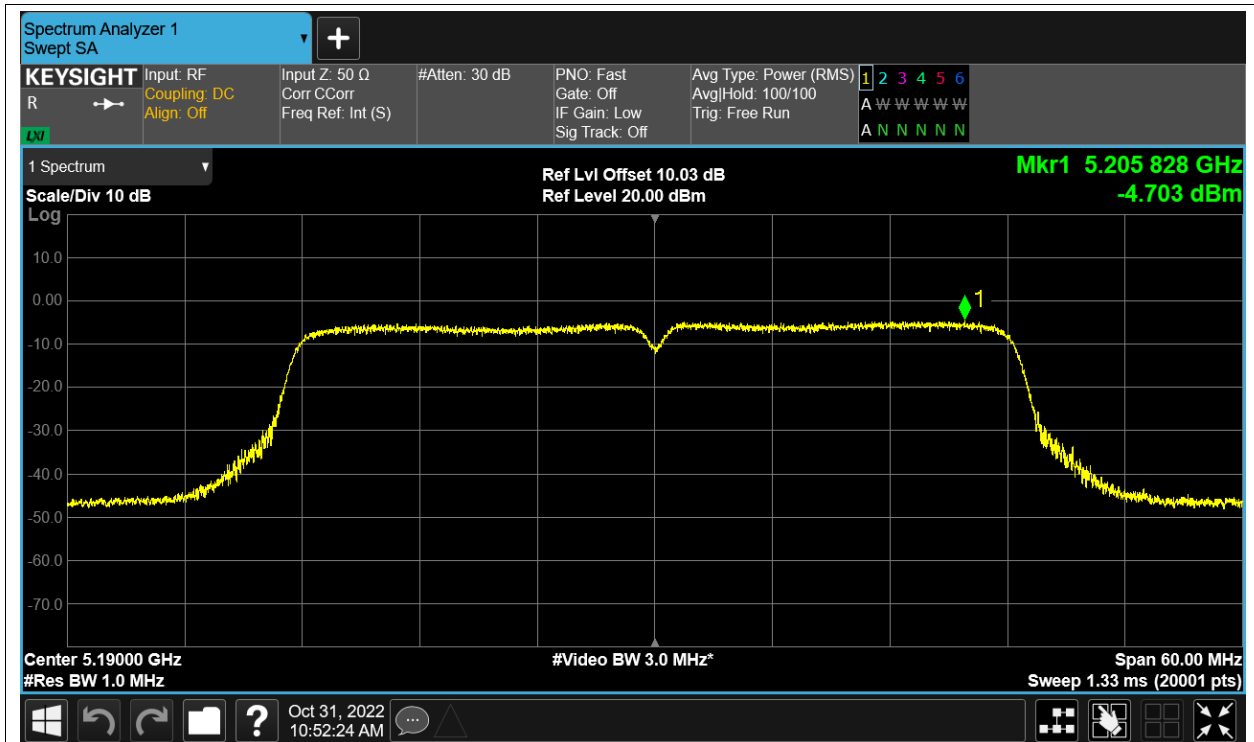
PSD NVNT ac20 5200MHz Ant2



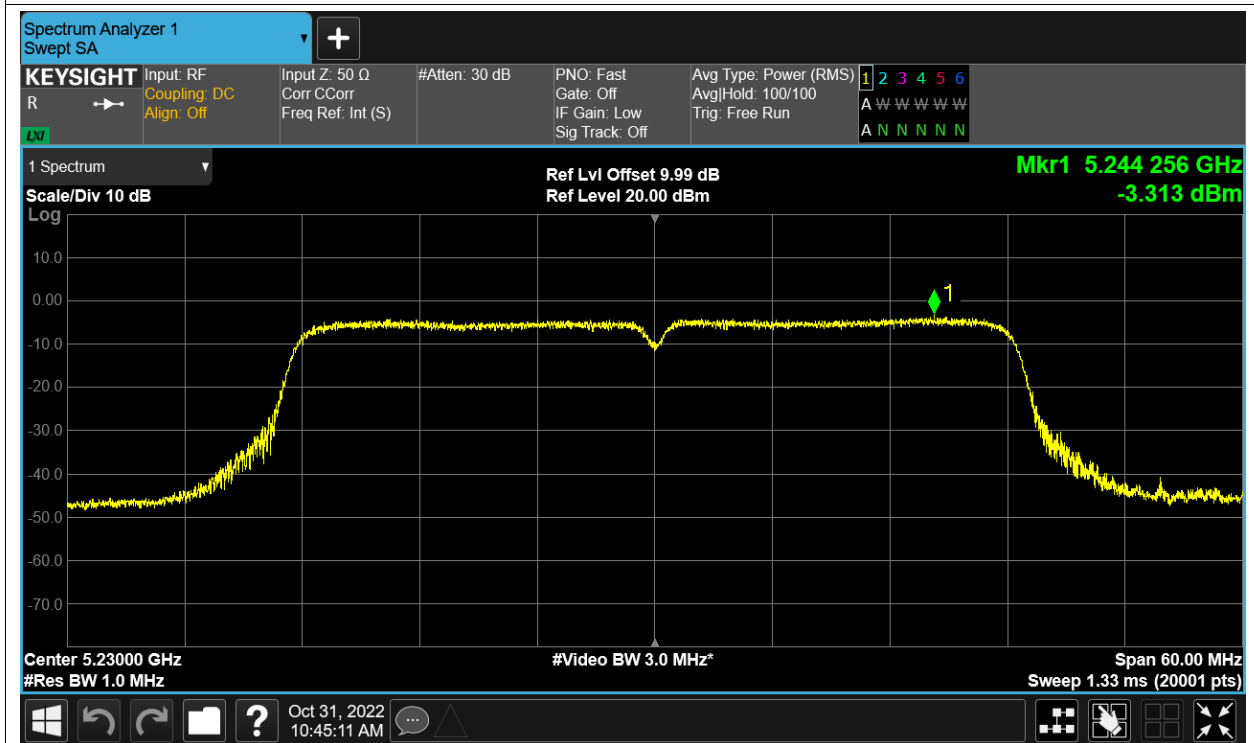
PSD NVNT ac20 5240MHz Ant2



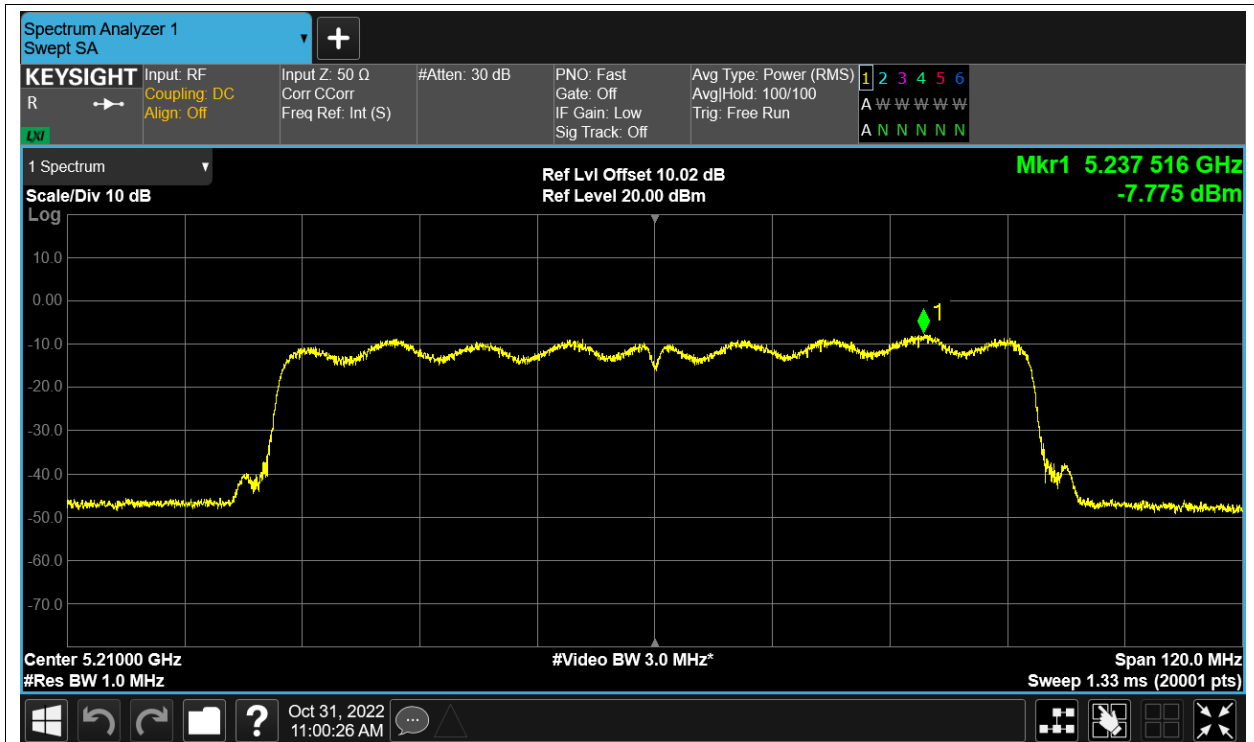
PSD NVNT ac40 5190MHz Ant2



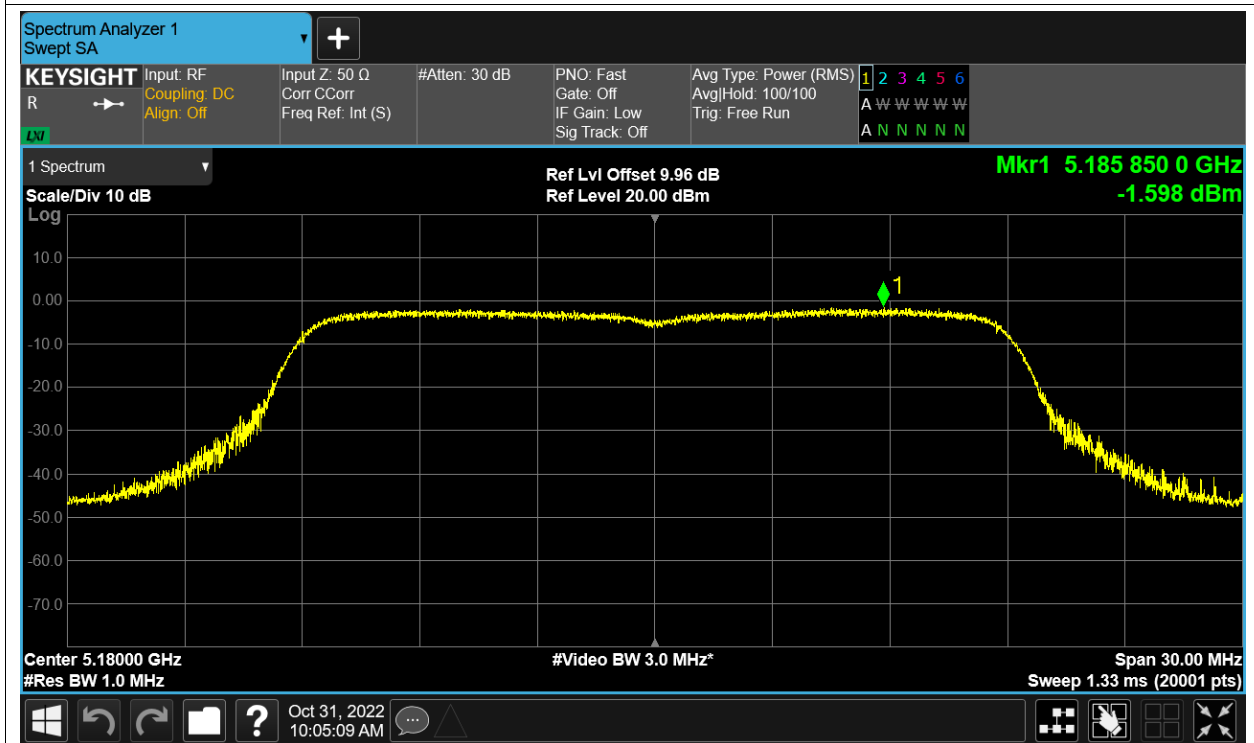
PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant2

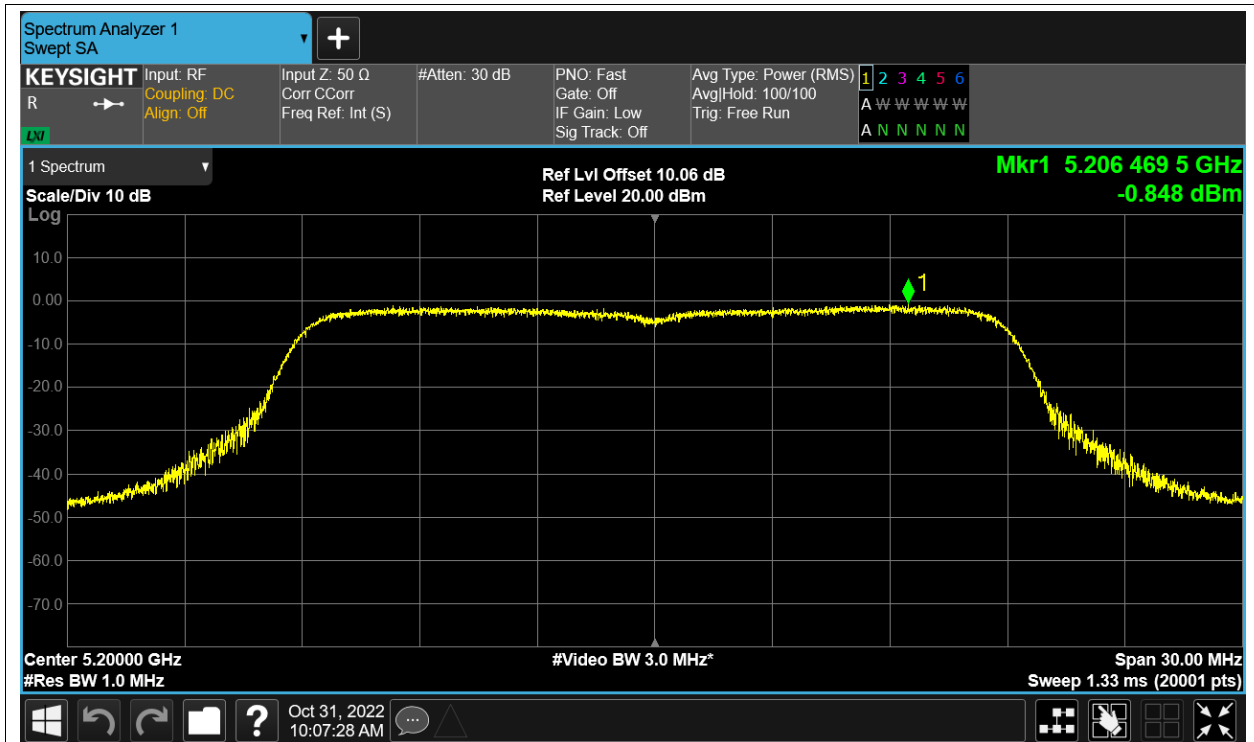


PSD NVNT n20 5180MHz Ant2

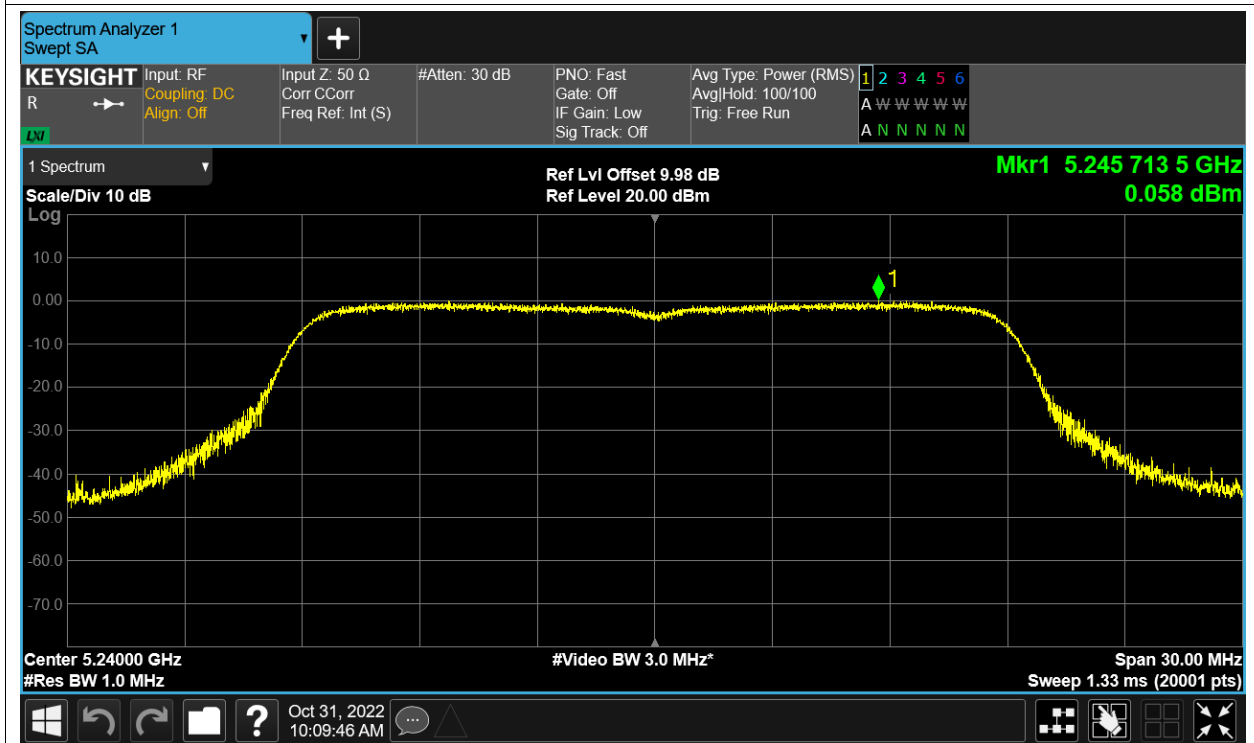


PSD NVNT n20 5200MHz Ant2

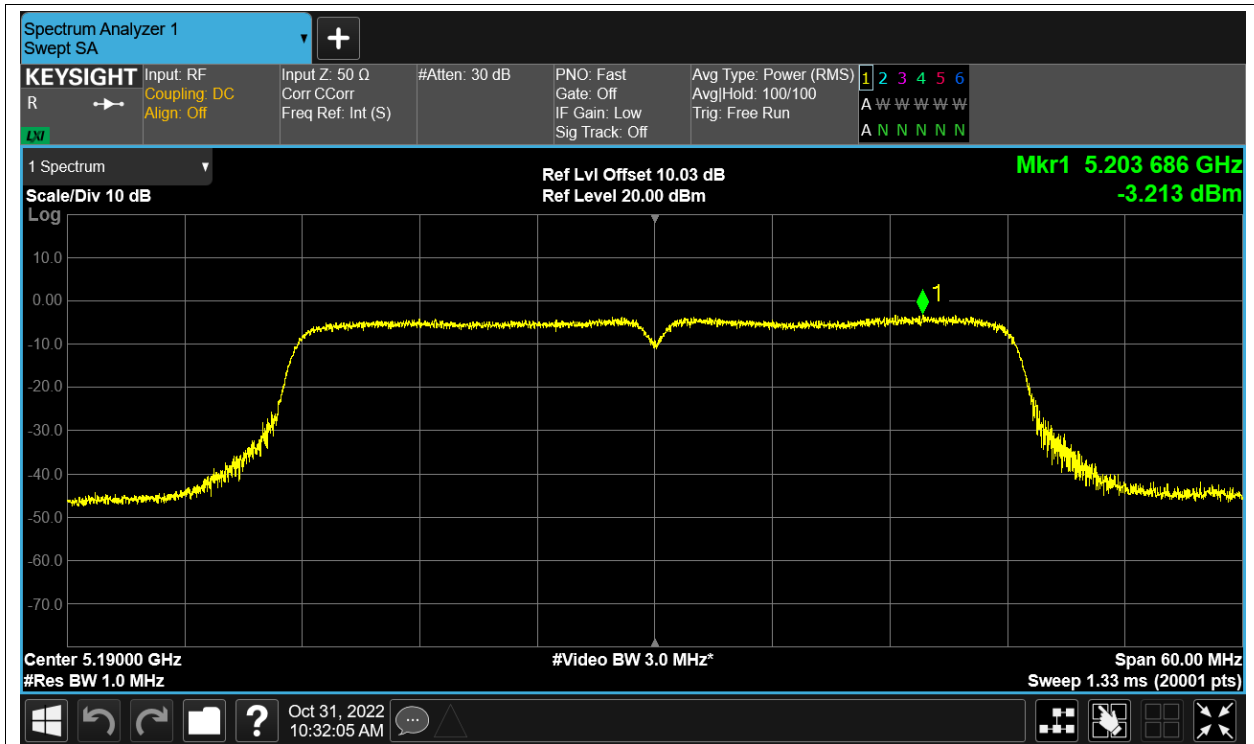




PSD NVNT n20 5240MHz Ant2



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

