

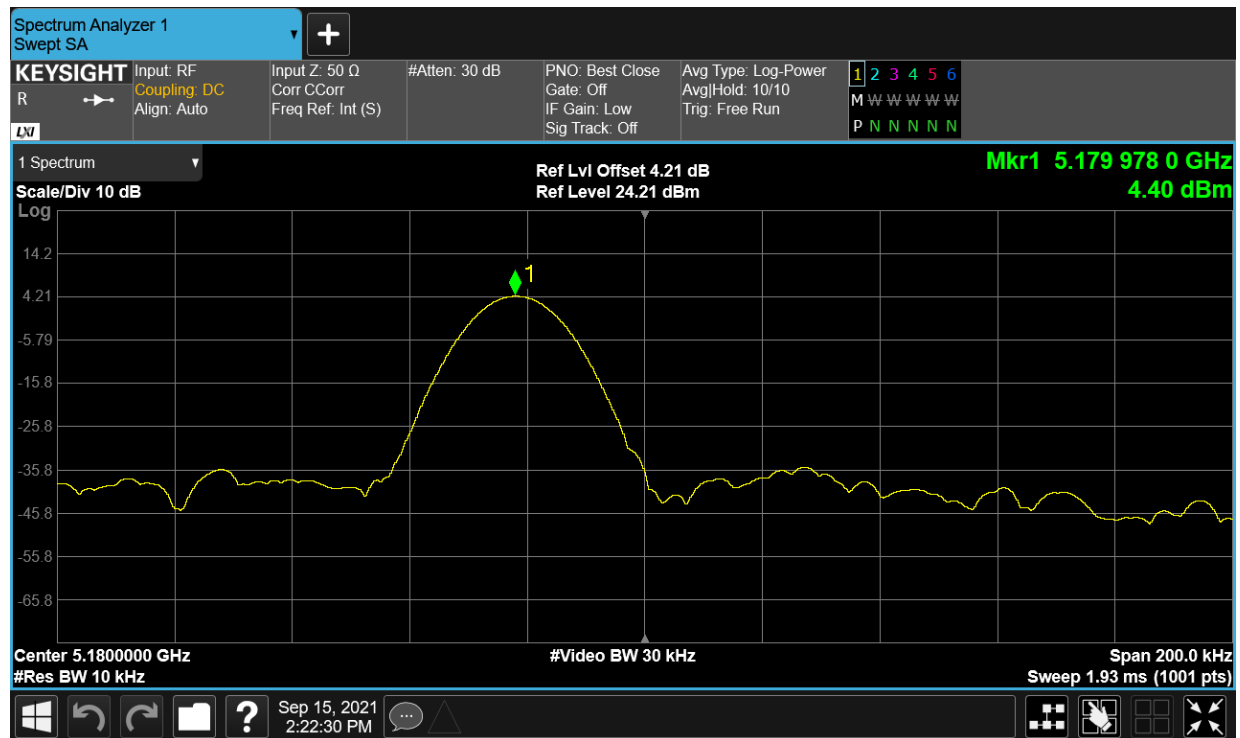
## Test Data

### Frequency Stability

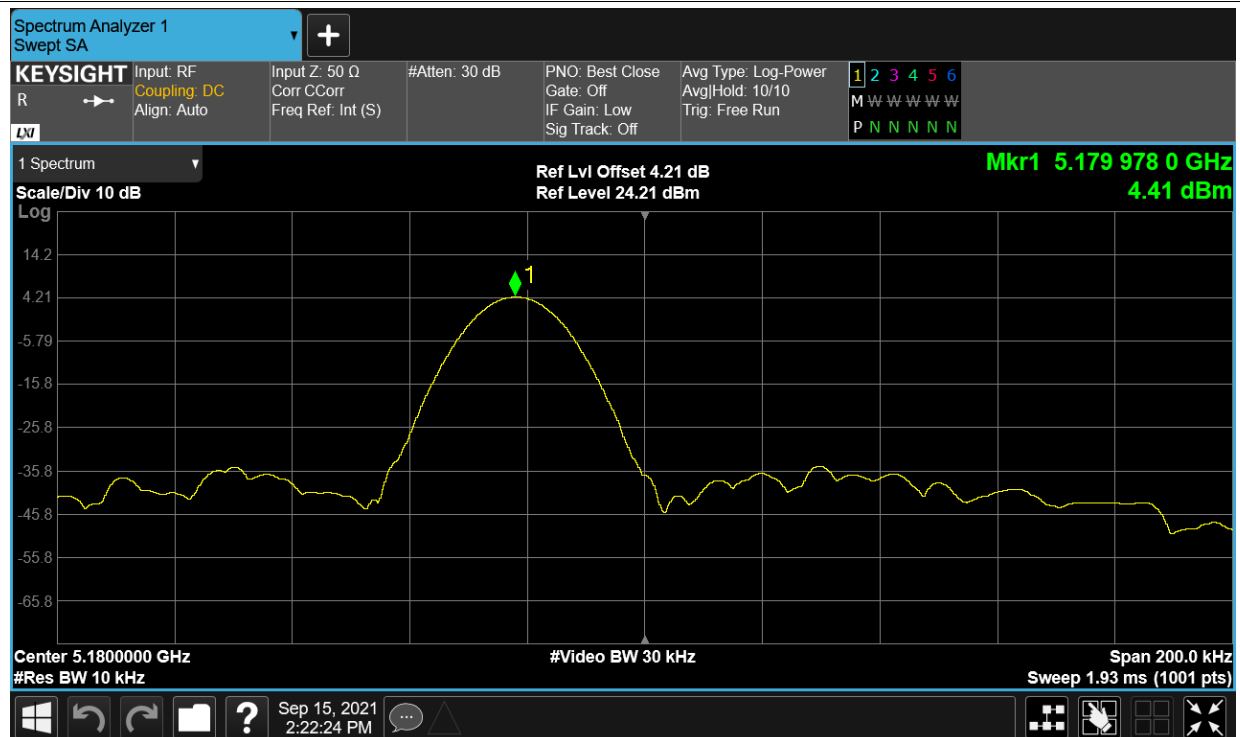
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|-----------------|-------------|---------|
| HVHT      | a    | 5180            | Ant1    | 5179.978                 | -4.25           | 25          | Pass    |
| HVLT      | a    | 5180            | Ant1    | 5179.978                 | -4.25           | 25          | Pass    |
| LVHT      | a    | 5180            | Ant1    | 5179.978                 | -4.25           | 25          | Pass    |
| LVLT      | a    | 5180            | Ant1    | 5179.978                 | -4.25           | 25          | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5179.9758                | -4.67           | 25          | Pass    |
| HVHT      | n40  | 5190            | Ant1    | 5189.978                 | -4.24           | 25          | Pass    |
| HVLT      | n40  | 5190            | Ant1    | 5189.978                 | -4.24           | 25          | Pass    |
| LVHT      | n40  | 5190            | Ant1    | 5189.9778                | -4.28           | 25          | Pass    |
| LVLT      | n40  | 5190            | Ant1    | 5189.9778                | -4.28           | 25          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5189.9776                | -4.32           | 25          | Pass    |

Test Graphs

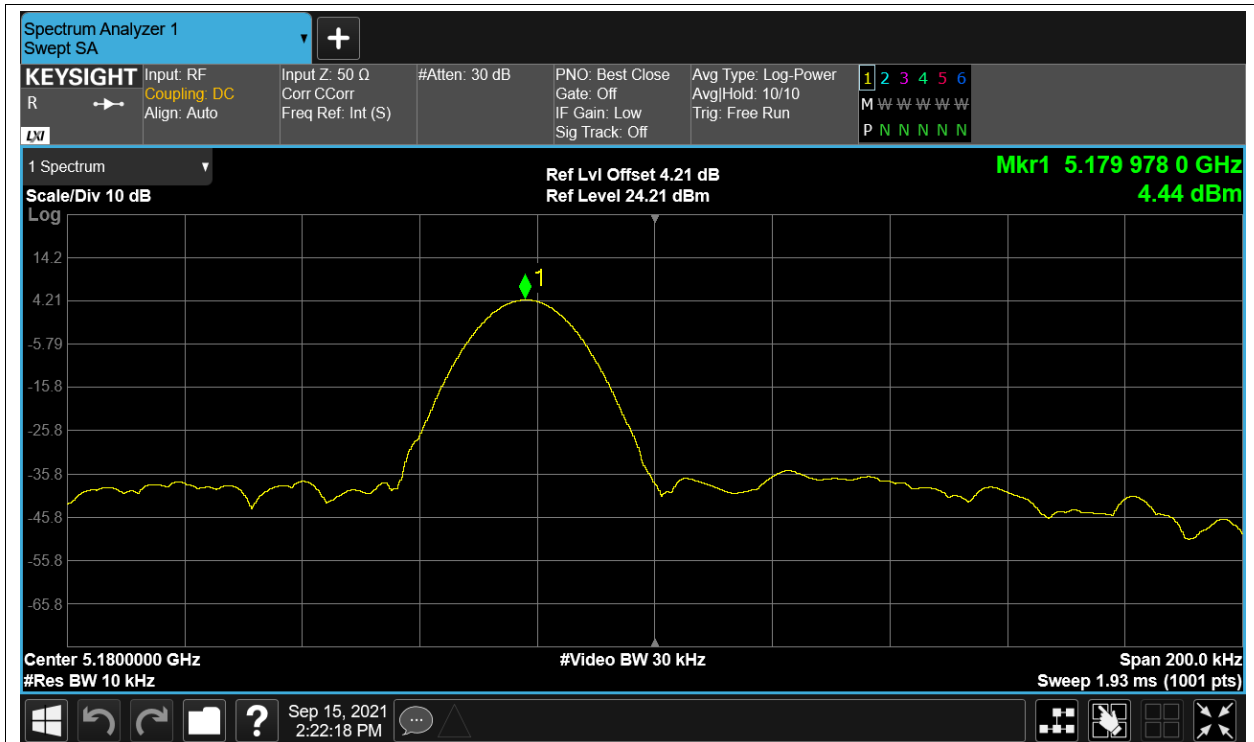
Freq. Stability HVHT a 5180MHz Ant1



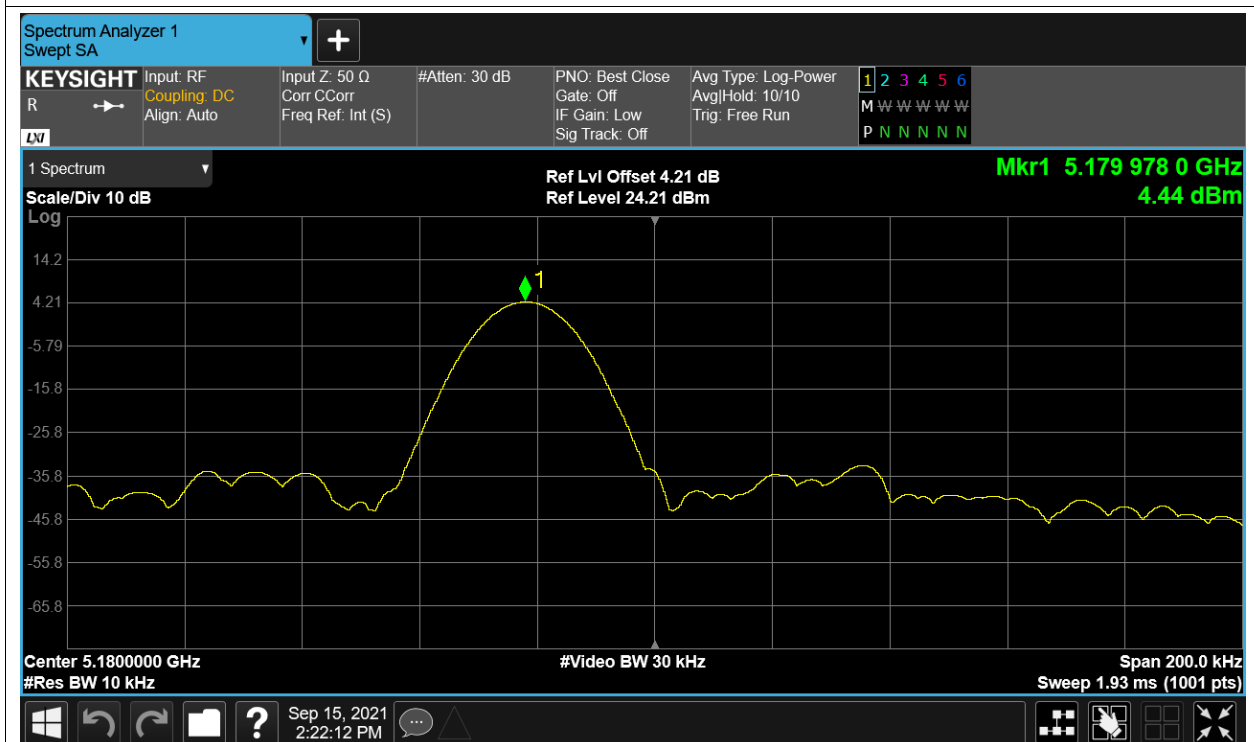
Freq. Stability HVLT a 5180MHz Ant1



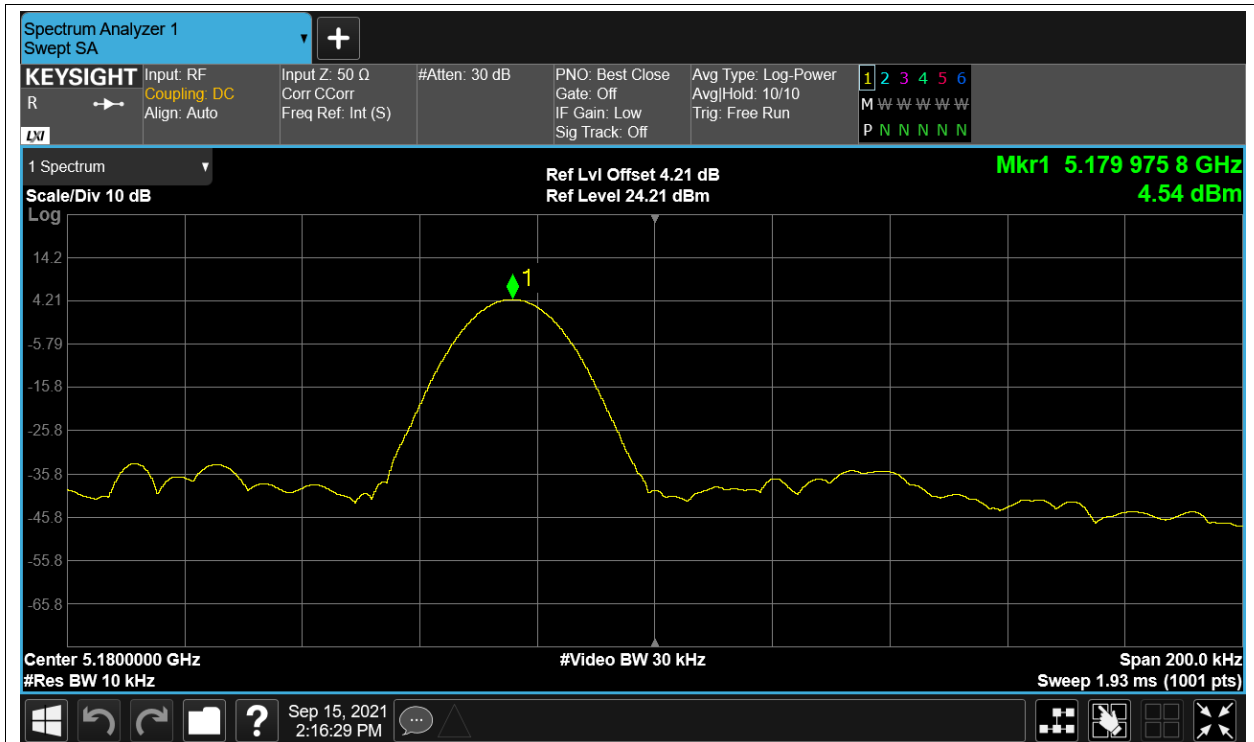
Freq. Stability LVHT a 5180MHz Ant1



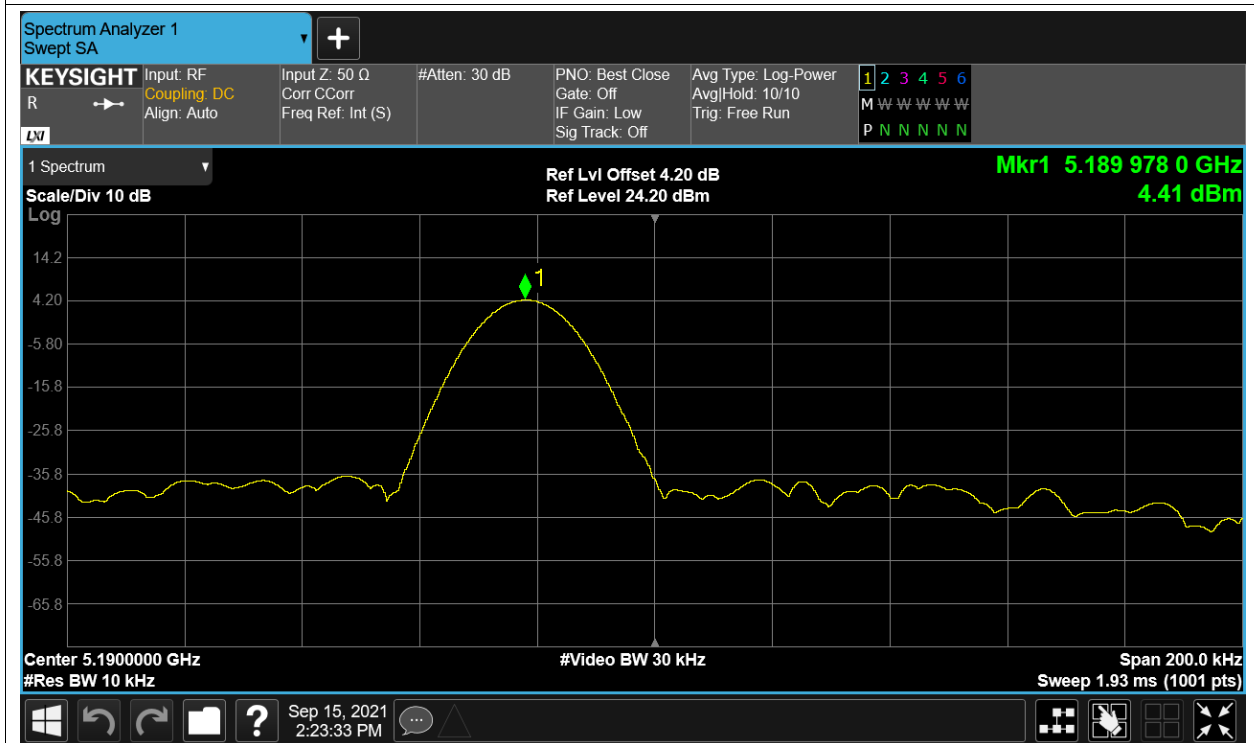
Freq. Stability LVLT a 5180MHz Ant1



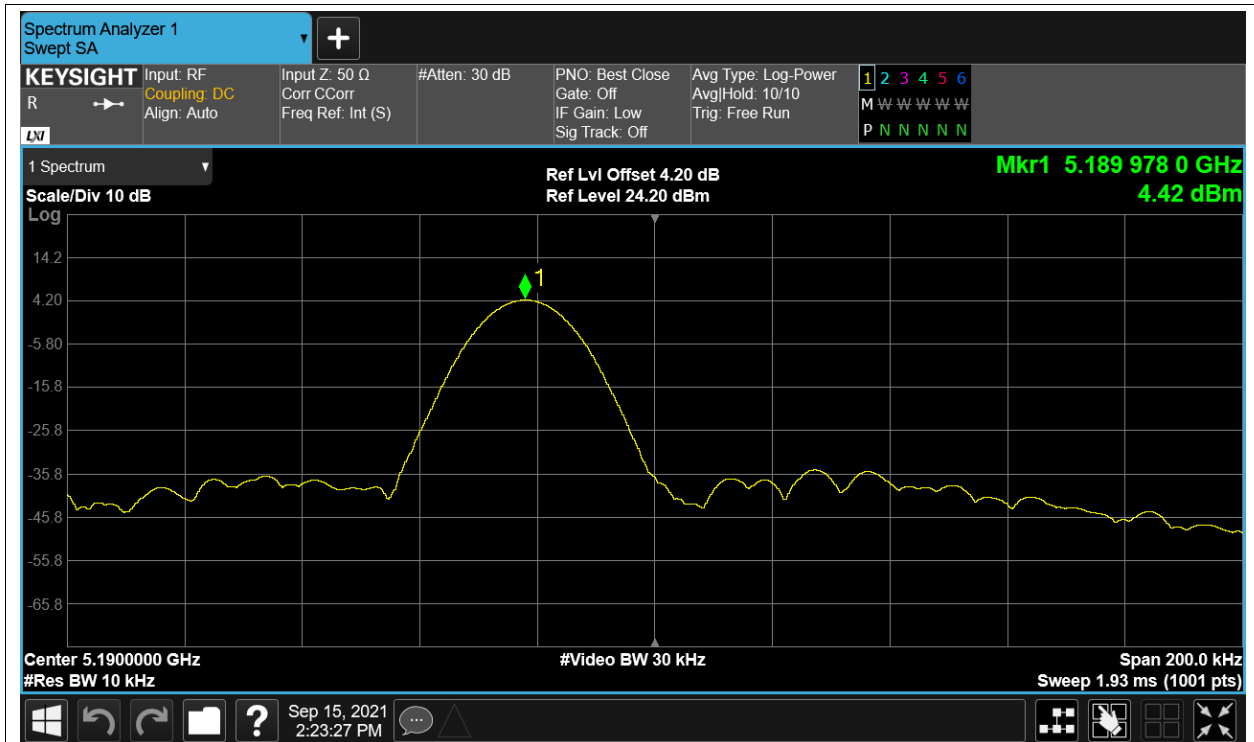
Freq. Stability NVNT a 5180MHz Ant1



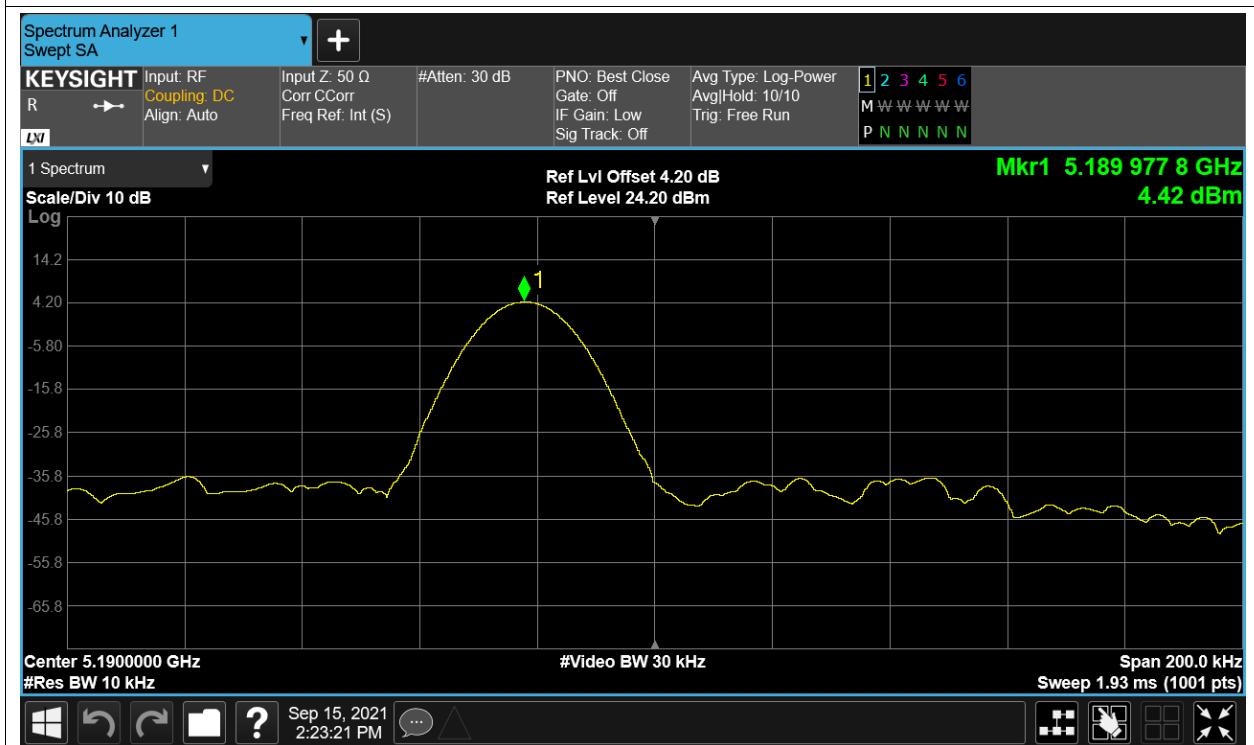
Freq. Stability HVHT n40 5190MHz Ant1



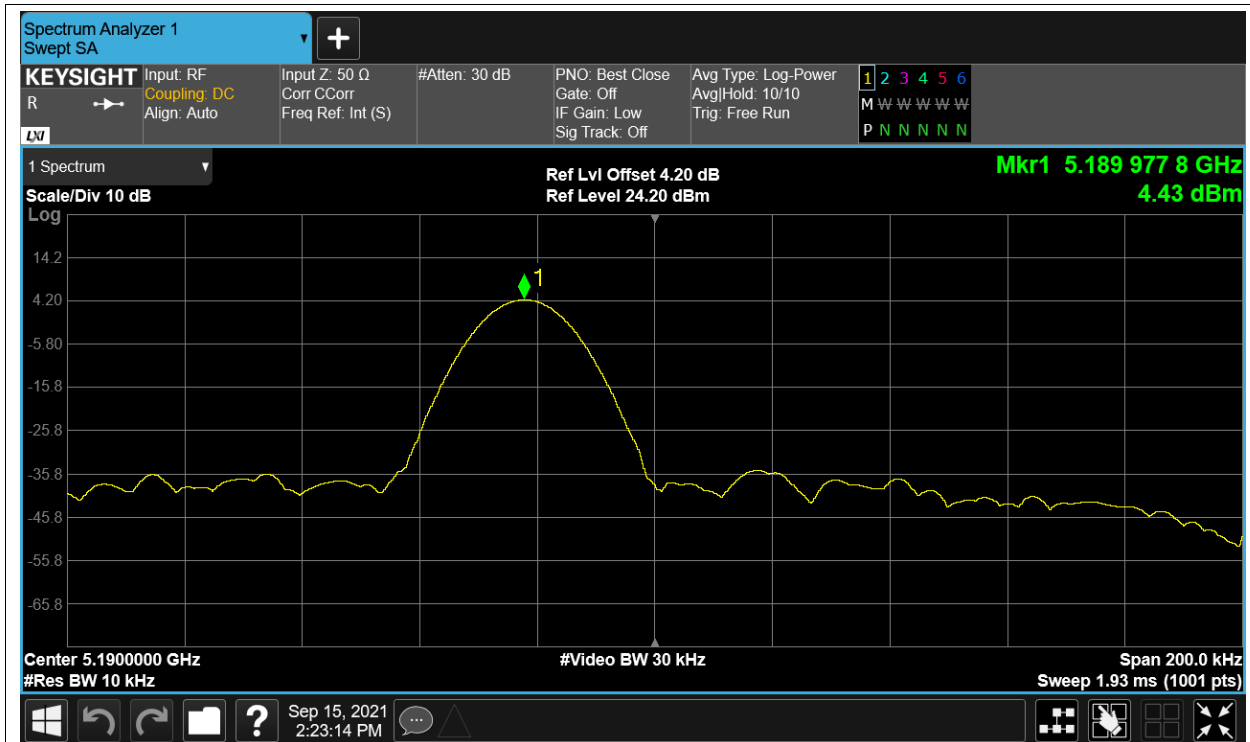
Freq. Stability HVLT n40 5190MHz Ant1



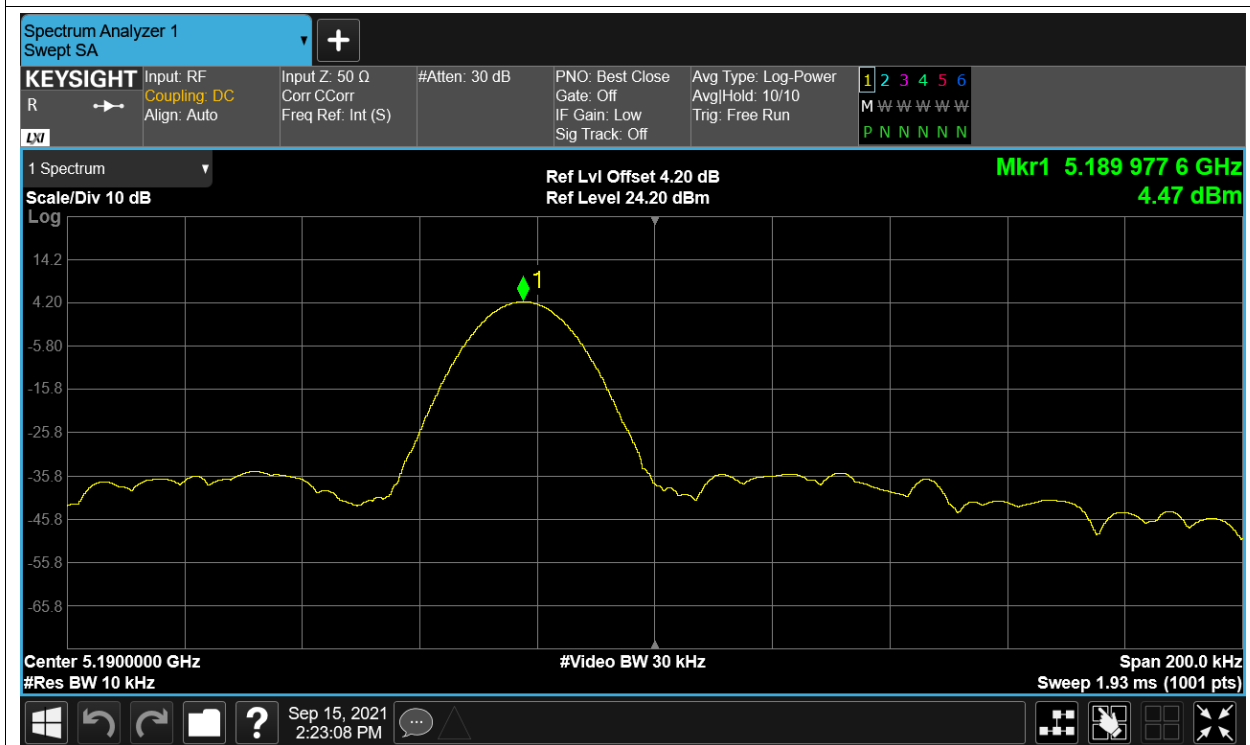
Freq. Stability LVHT n40 5190MHz Ant1



Freq. Stability LVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

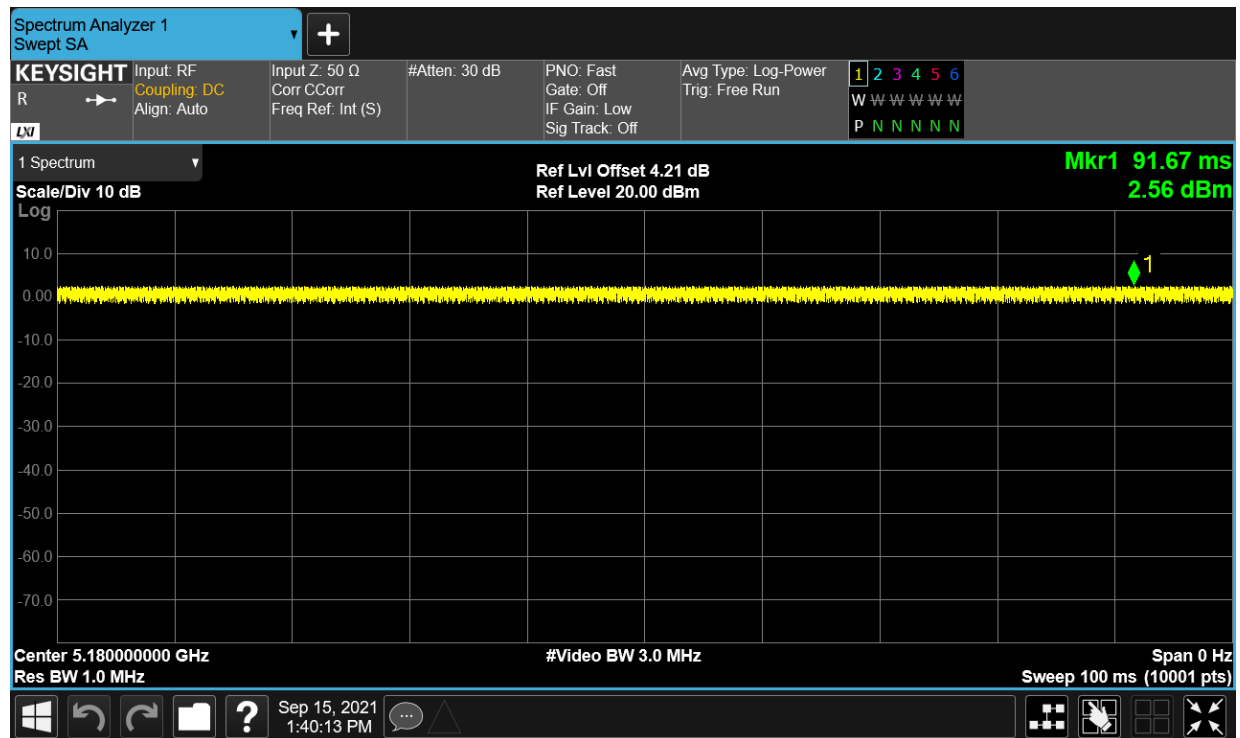


## Duty Cycle

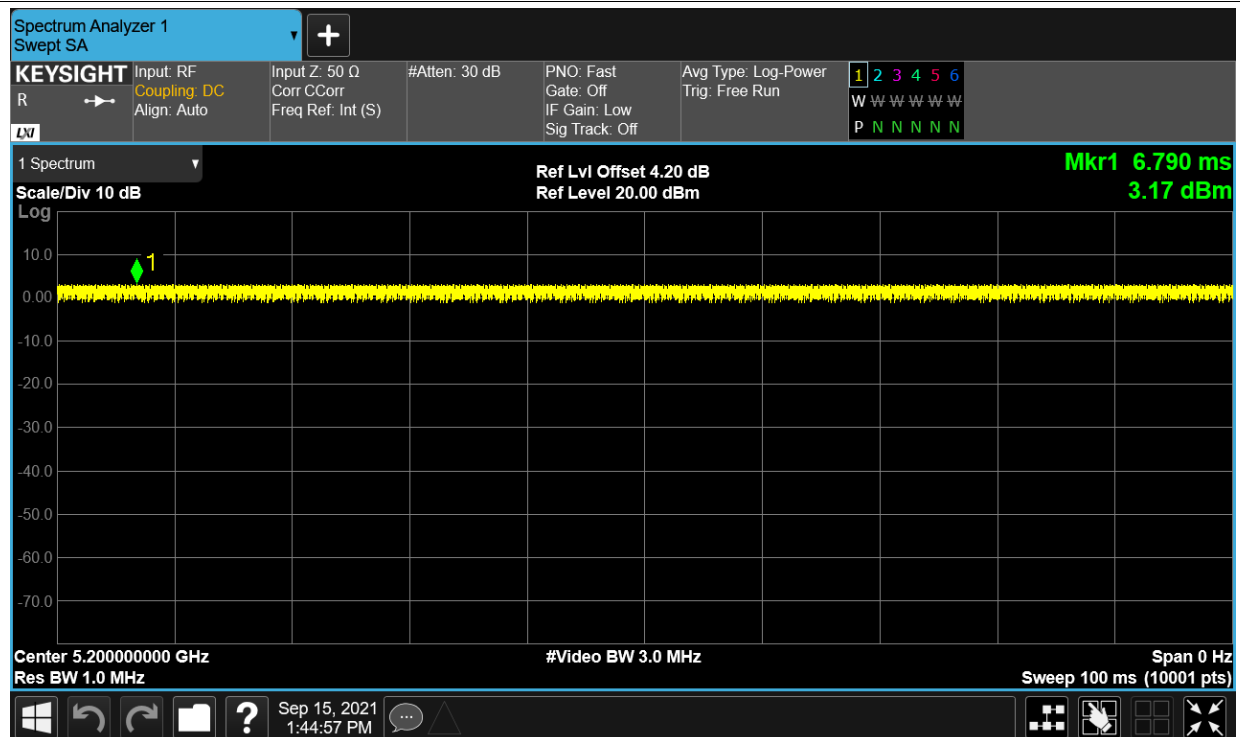
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5180            | Ant1    | 100            | 0                      |
| NVNT      | a    | 5200            | 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      | 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

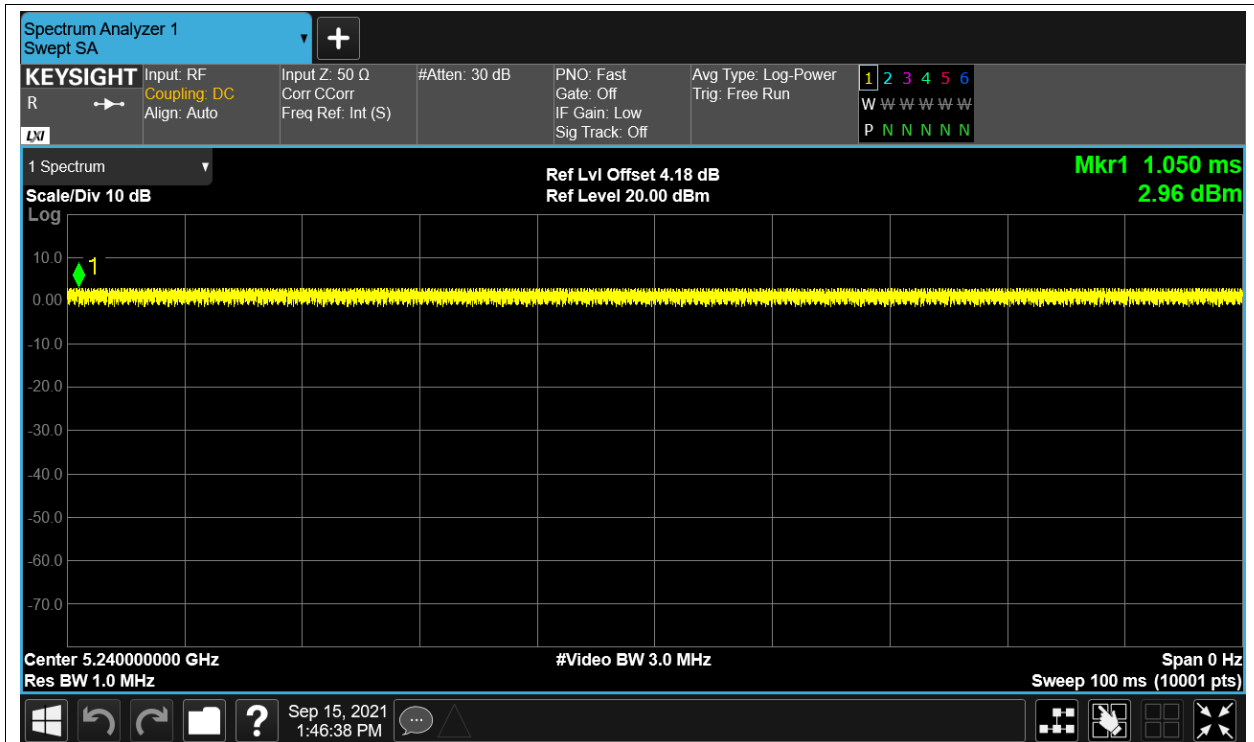
### Duty Cycle NVNT a 5180MHz Ant1



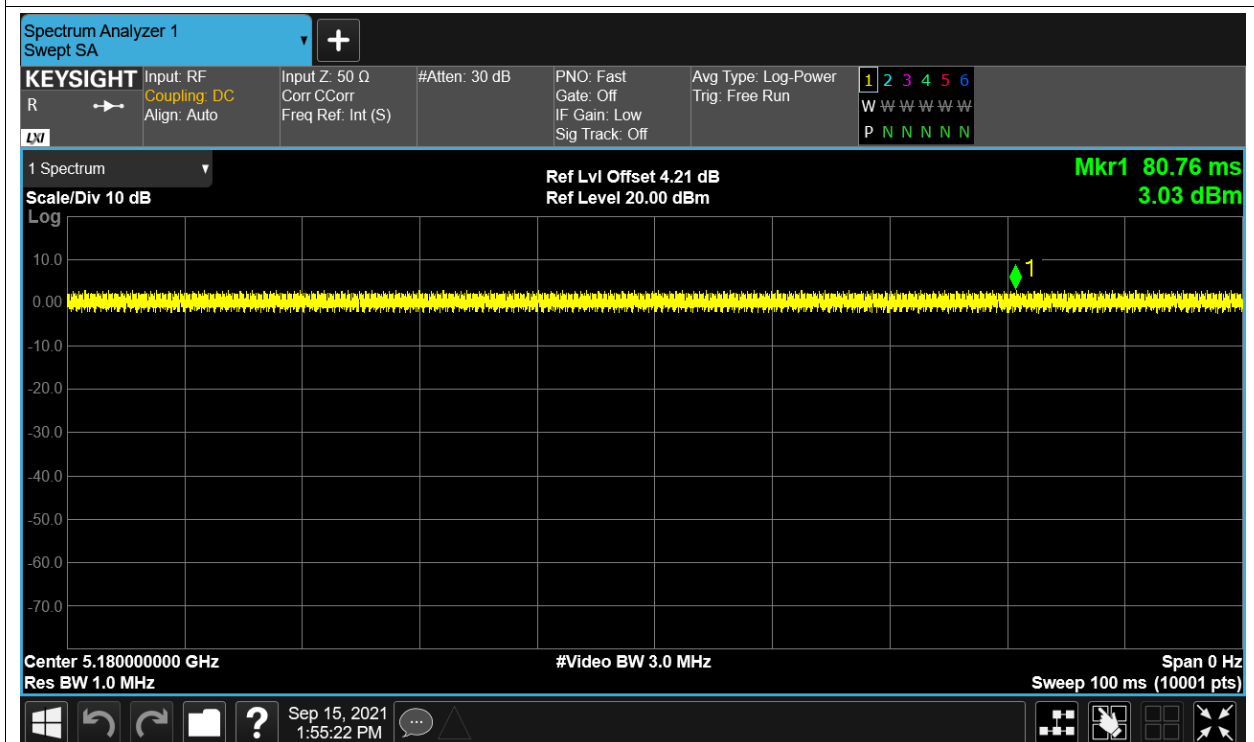
### Duty Cycle NVNT a 5200MHz Ant1



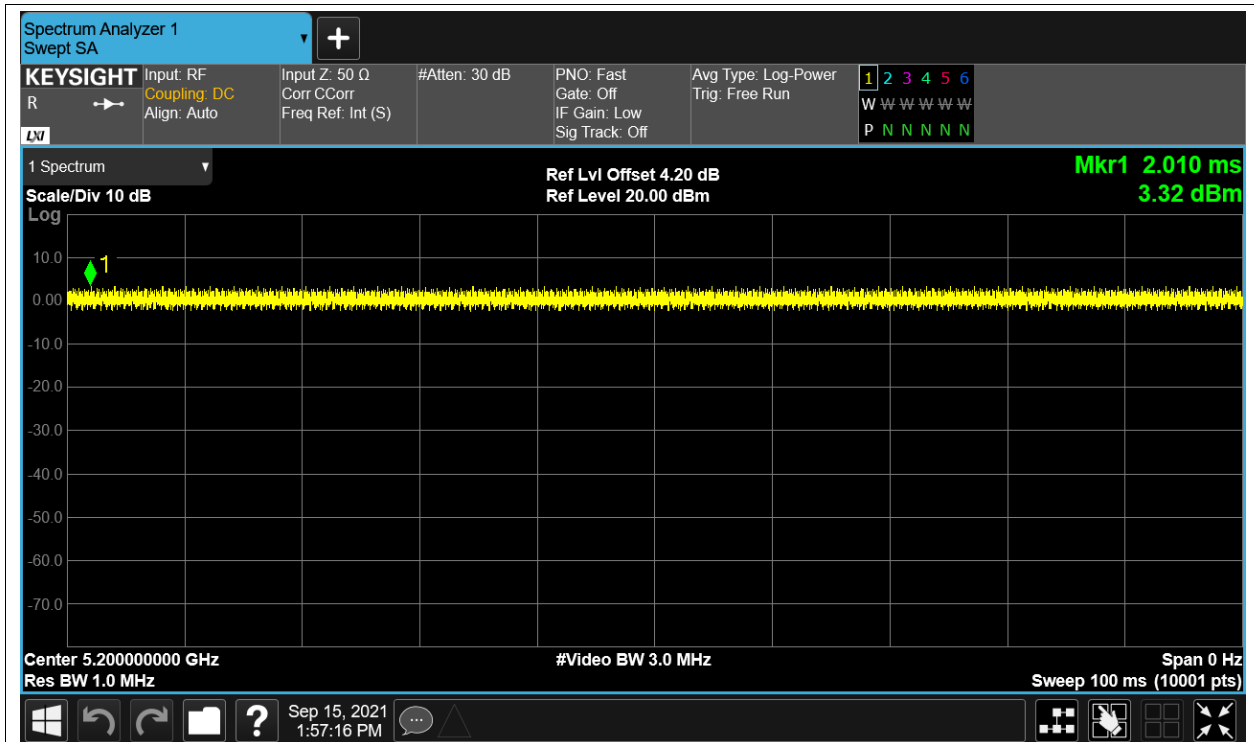
### Duty Cycle NVNT a 5240MHz Ant1



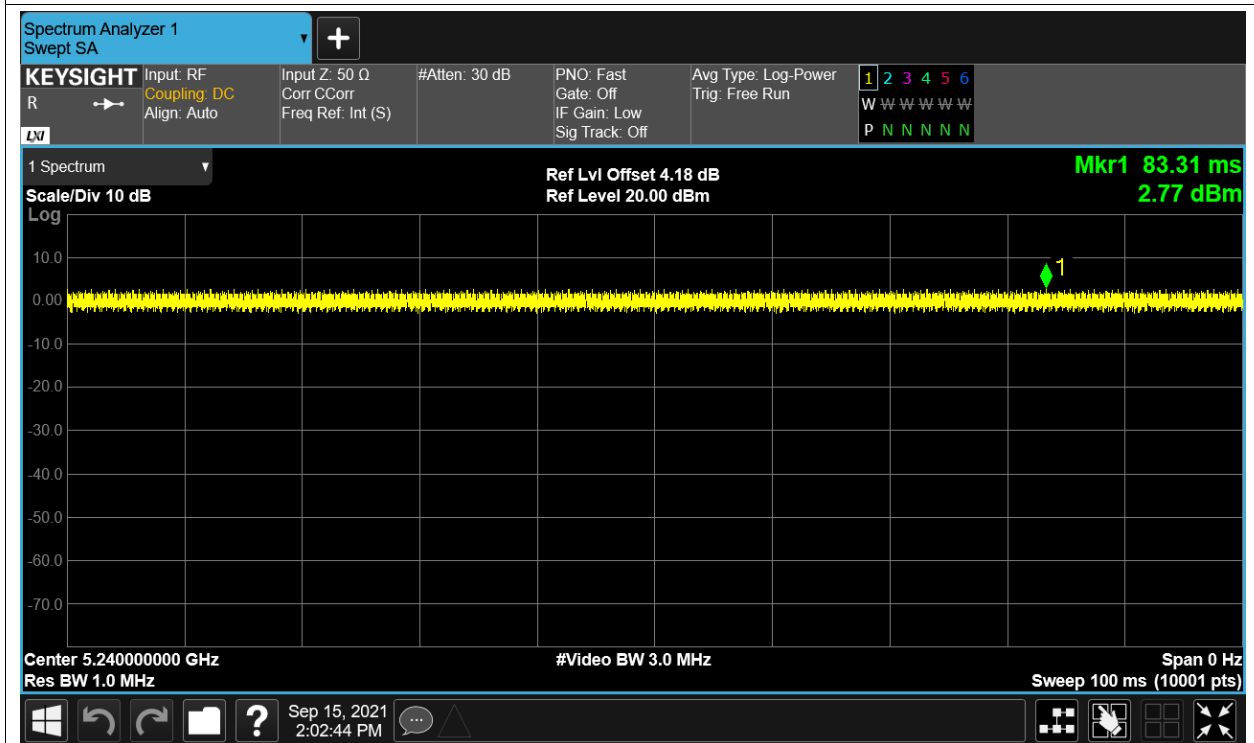
Duty Cycle NVNT ac20 5180MHz Ant1



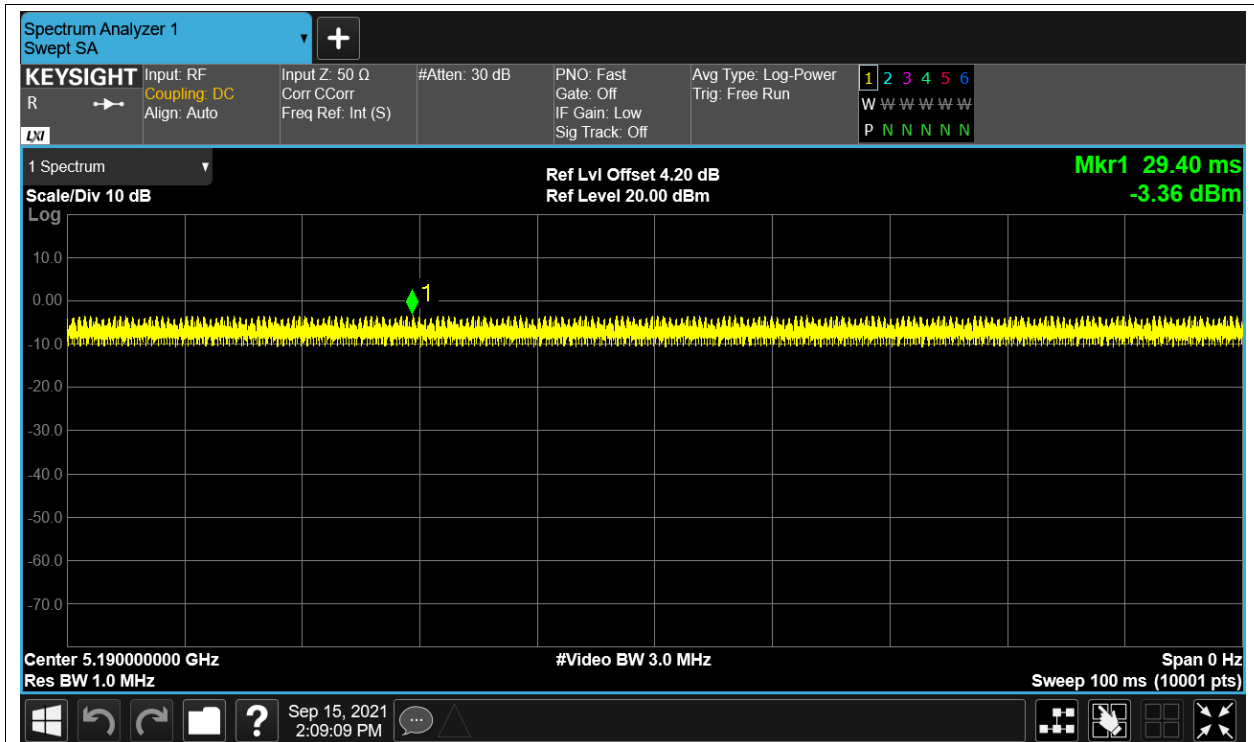
Duty Cycle NVNT ac20 5200MHz Ant1



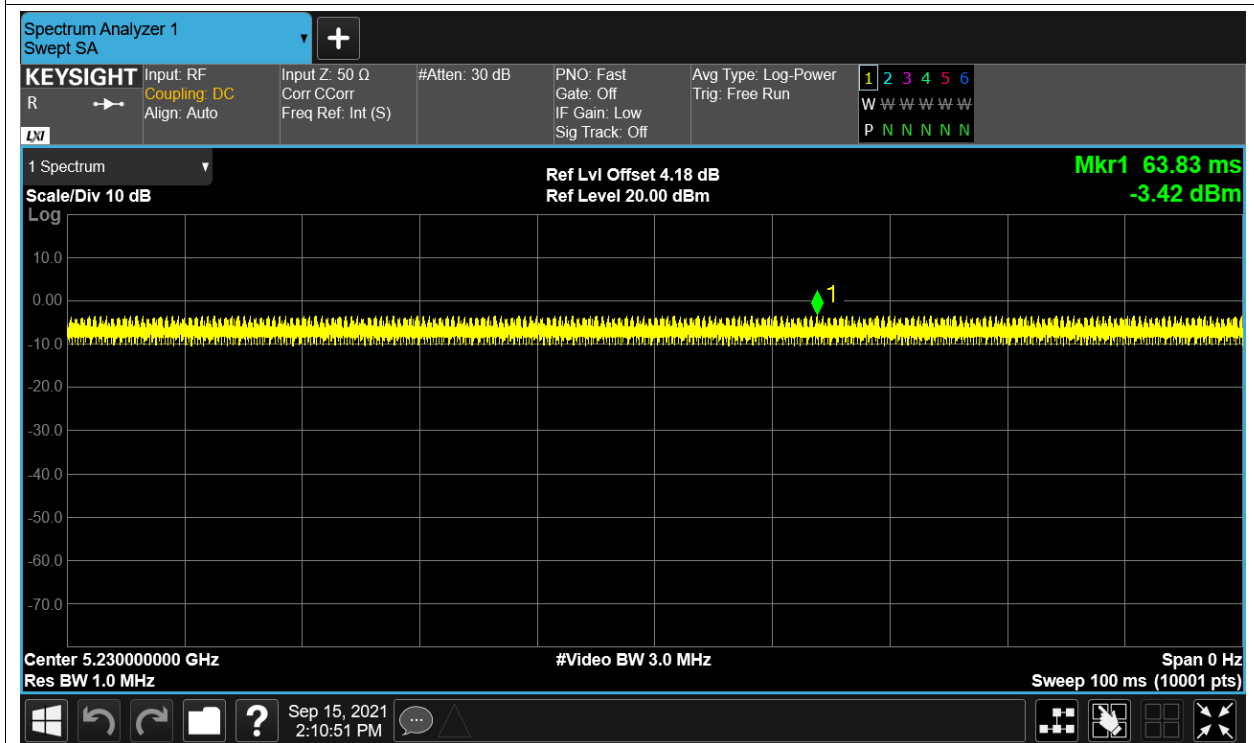
Duty Cycle NVNT ac20 5240MHz Ant1



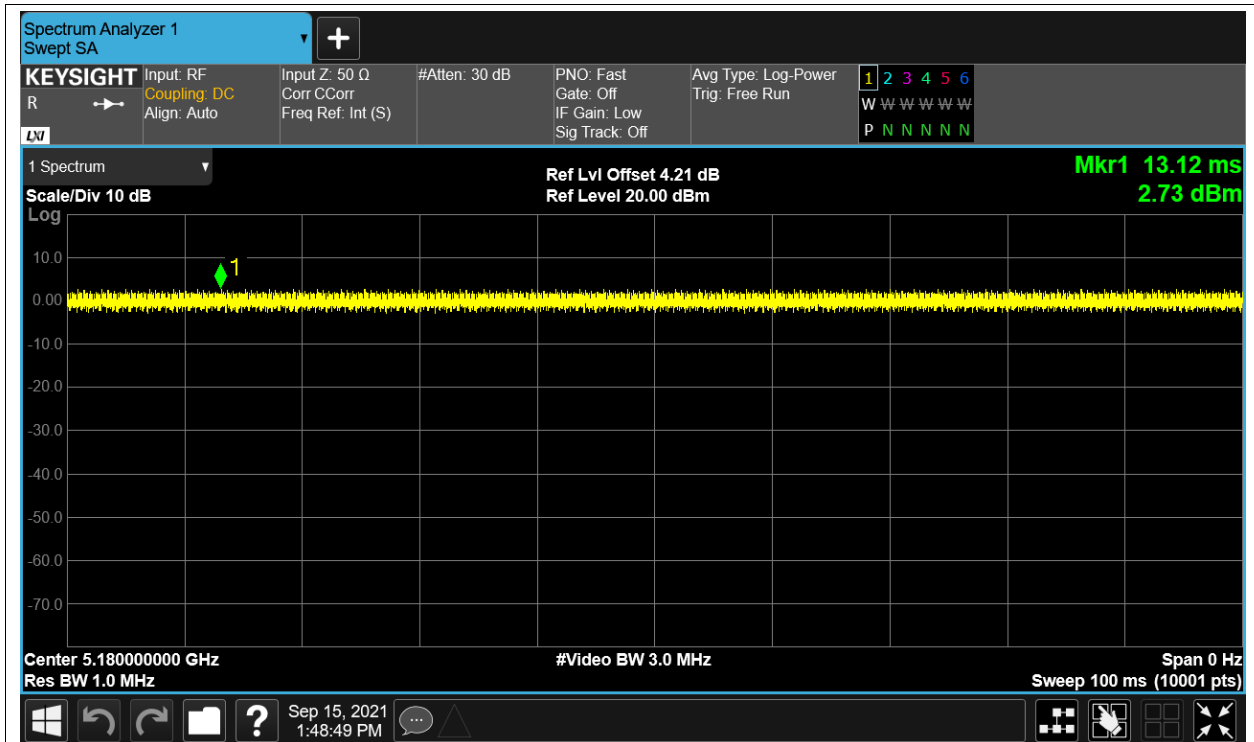
Duty Cycle NVNT ac40 5190MHz Ant1



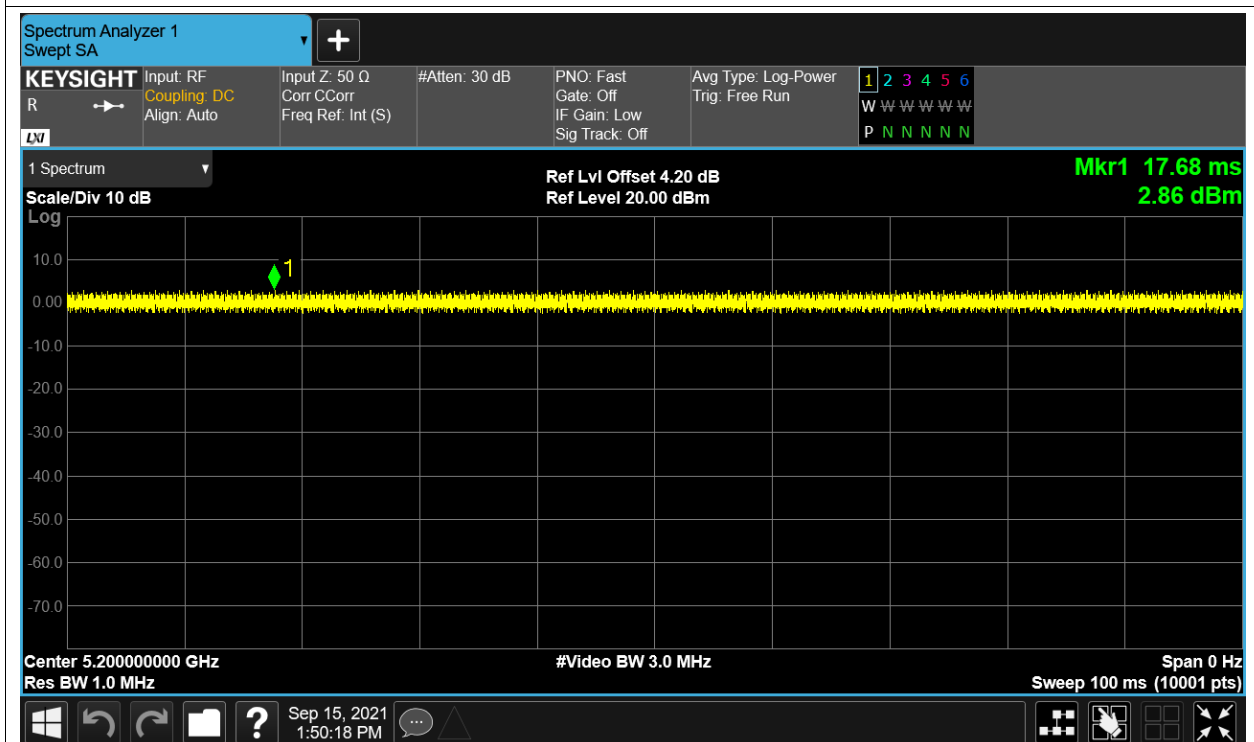
Duty Cycle NVNT ac40 5230MHz Ant1



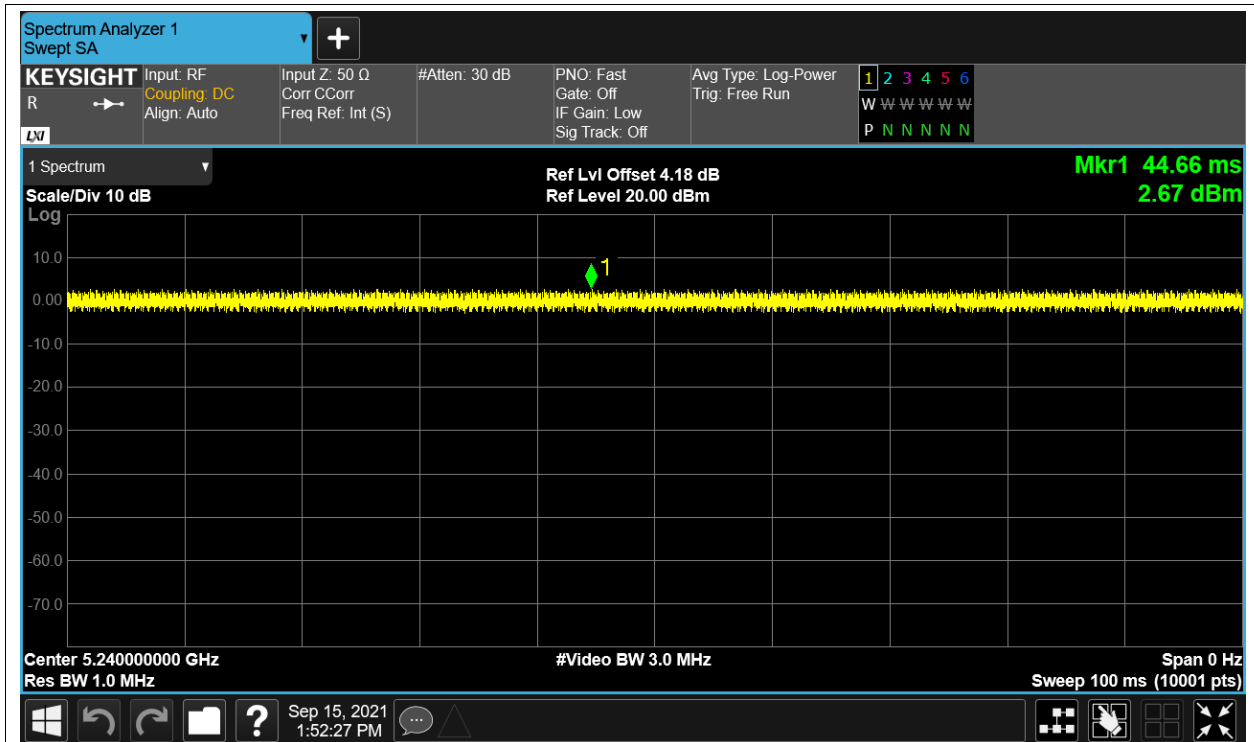
Duty Cycle NVNT n20 5180MHz Ant1



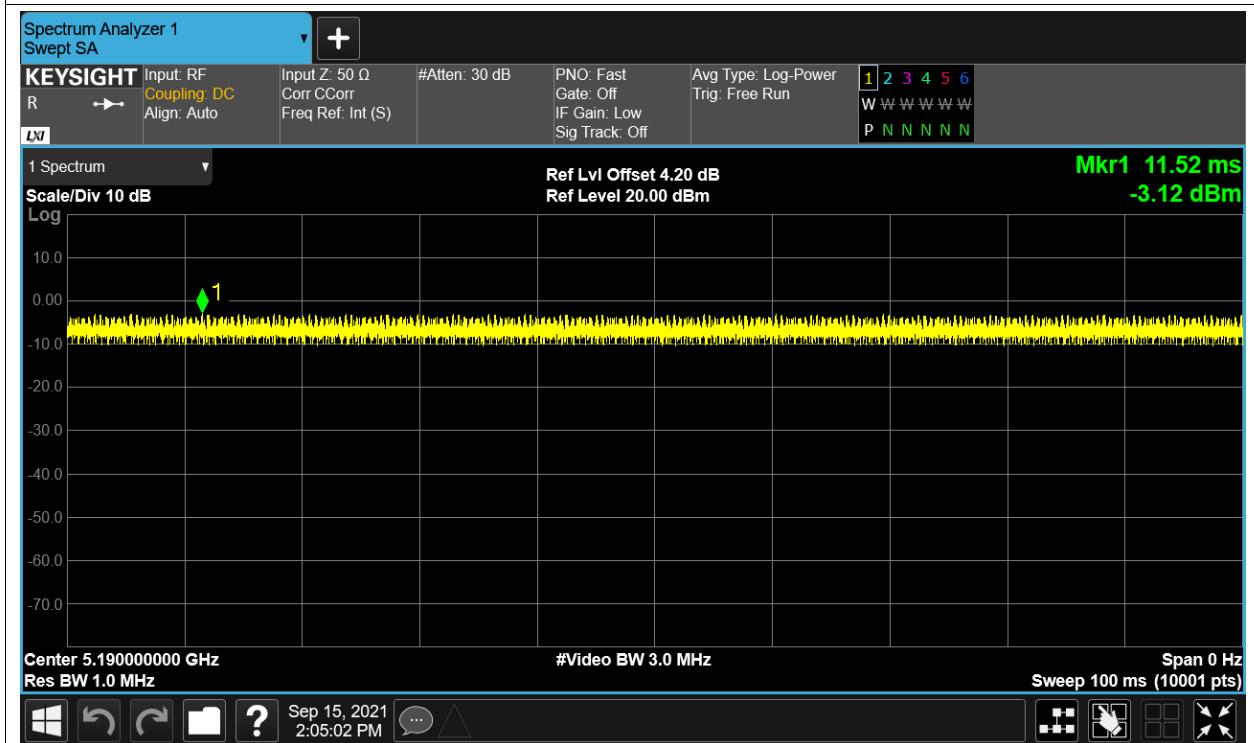
Duty Cycle NVNT n20 5200MHz Ant1



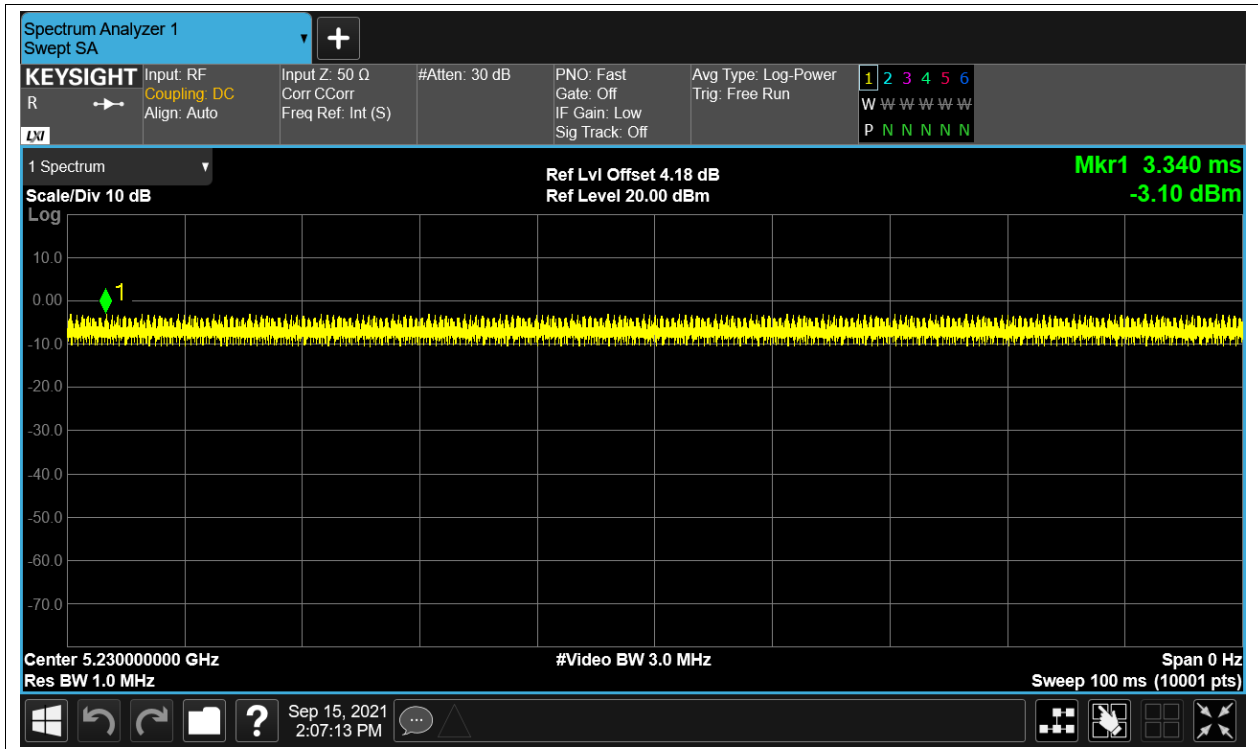
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



## Maximum Conducted Output Power

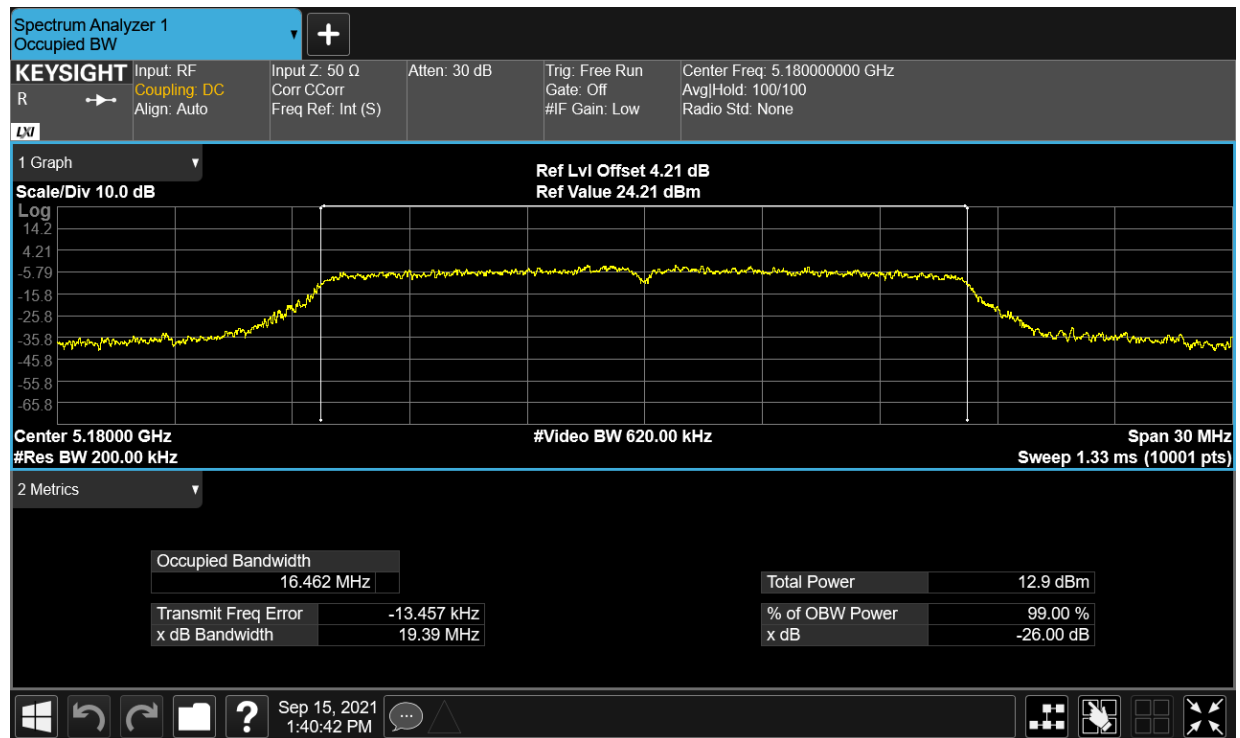
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5180               | Ant1    | 7.93                     | 0                   | 7.93                 | 24             | Pass    |
| NVNT      | a    | 5200               | Ant1    | 8.12                     | 0                   | 8.12                 | 24             | Pass    |
| NVNT      | a    | 5240               | Ant1    | 8.6                      | 0                   | 8.6                  | 24             | Pass    |
| NVNT      | ac20 | 5180               | Ant1    | 7.49                     | 0                   | 7.49                 | 24             | Pass    |
| NVNT      | ac20 | 5200               | Ant1    | 7.2                      | 0                   | 7.2                  | 24             | Pass    |
| NVNT      | ac20 | 5240               | Ant1    | 7.51                     | 0                   | 7.51                 | 24             | Pass    |
| NVNT      | ac40 | 5190               | Ant1    | 7.16                     | 0                   | 7.16                 | 24             | Pass    |
| NVNT      | ac40 | 5230               | Ant1    | 7.65                     | 0                   | 7.65                 | 24             | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 7.4                      | 0                   | 7.4                  | 24             | Pass    |
| NVNT      | n20  | 5200               | Ant1    | 7.09                     | 0                   | 7.09                 | 24             | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 7.65                     | 0                   | 7.65                 | 24             | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 7.28                     | 0                   | 7.28                 | 24             | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 7.72                     | 0                   | 7.72                 | 24             | Pass    |

## Occupied Channel Bandwidth

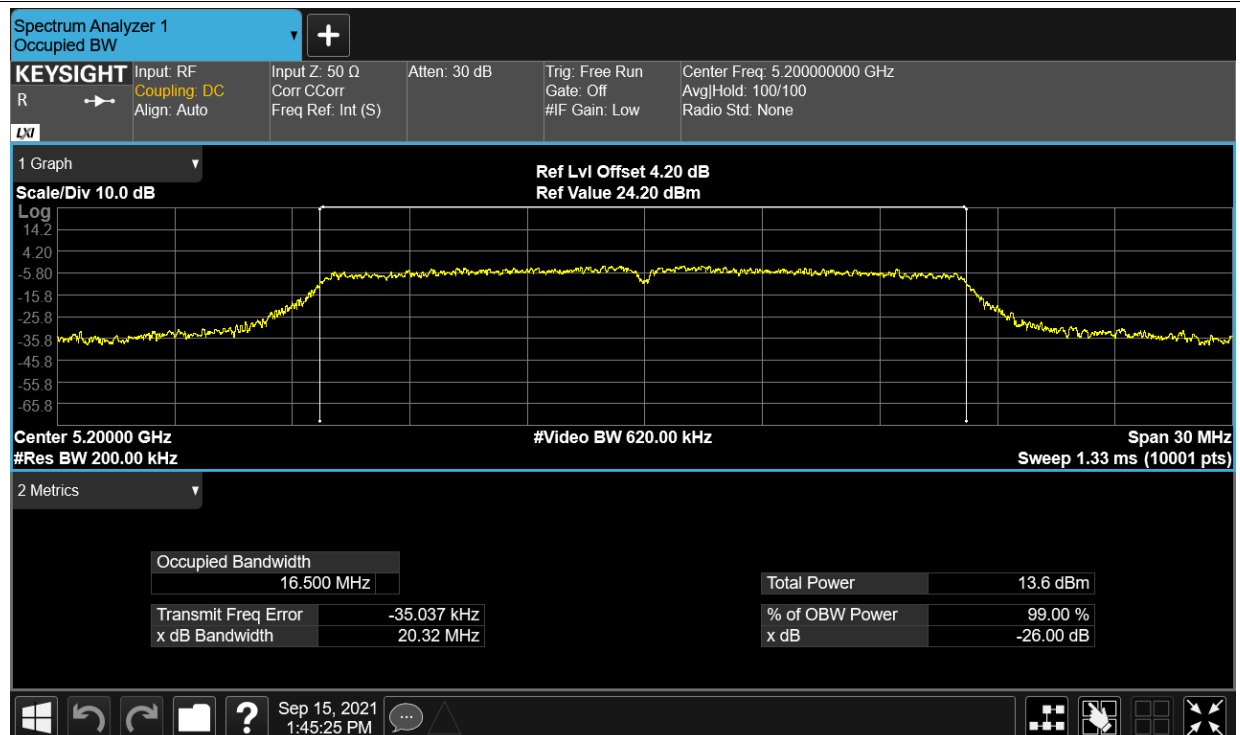
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5180            | Ant1    | 16.46199385   |
| NVNT      | a    | 5200            | Ant1    | 16.50037973   |
| NVNT      | a    | 5240            | Ant1    | 16.5262954    |
| NVNT      | ac20 | 5180            | Ant1    | 17.59421145   |
| NVNT      | ac20 | 5200            | Ant1    | 17.58763189   |
| NVNT      | ac20 | 5240            | Ant1    | 17.58996399   |
| NVNT      | ac40 | 5190            | Ant1    | 35.9525455    |
| NVNT      | ac40 | 5230            | Ant1    | 35.89860939   |
| NVNT      | n20  | 5180            | Ant1    | 17.58862634   |
| NVNT      | n20  | 5200            | Ant1    | 17.60742041   |
| NVNT      | n20  | 5240            | Ant1    | 17.61194487   |
| NVNT      | n40  | 5190            | Ant1    | 35.90225206   |
| NVNT      | n40  | 5230            | Ant1    | 35.94726011   |

## Test Graphs

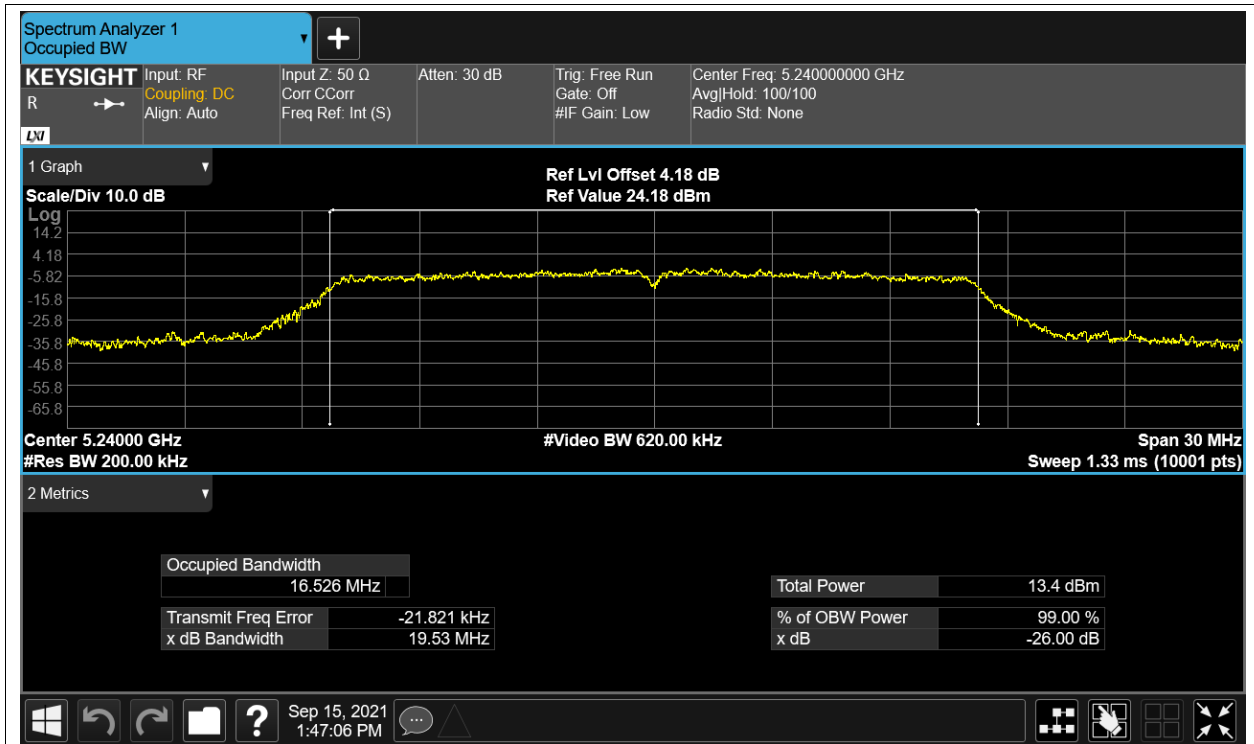
## OBW NVNT a 5180MHz Ant1



## OBW NVNT a 5200MHz Ant1



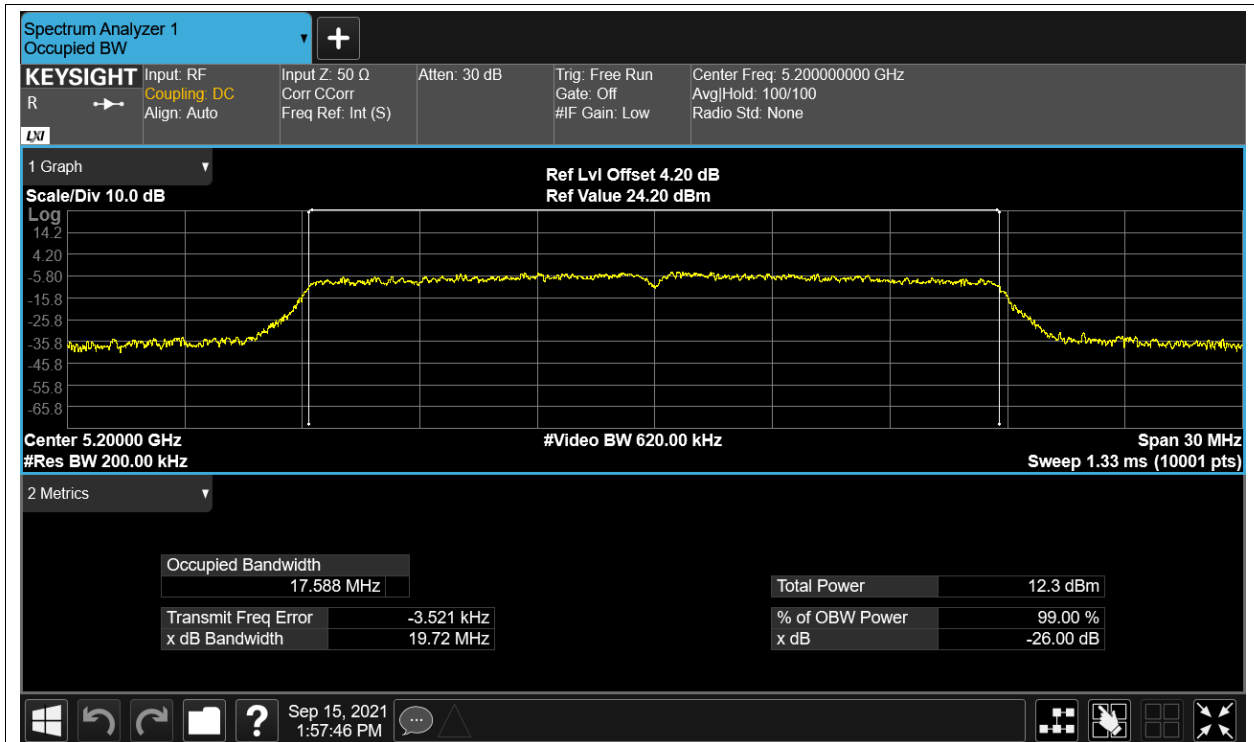
## OBW NVNT a 5240MHz Ant1



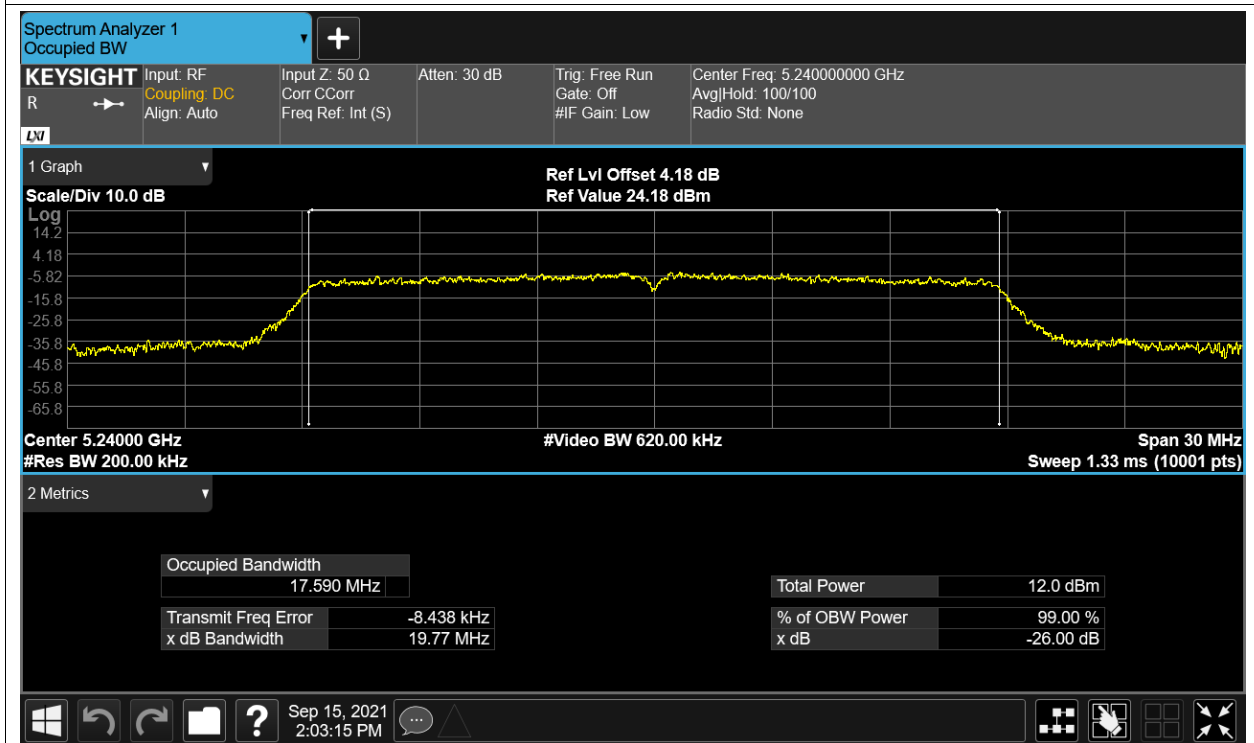
OBW NVNT ac20 5180MHz Ant1



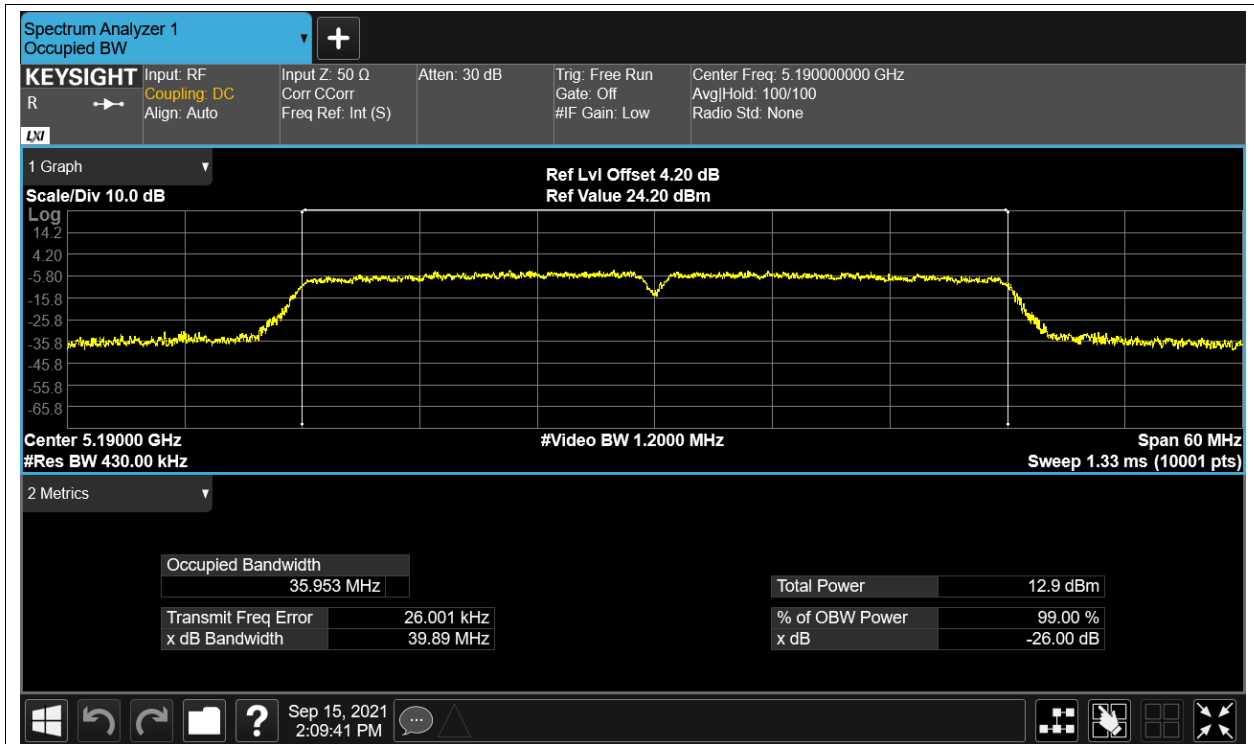
OBW NVNT ac20 5200MHz Ant1



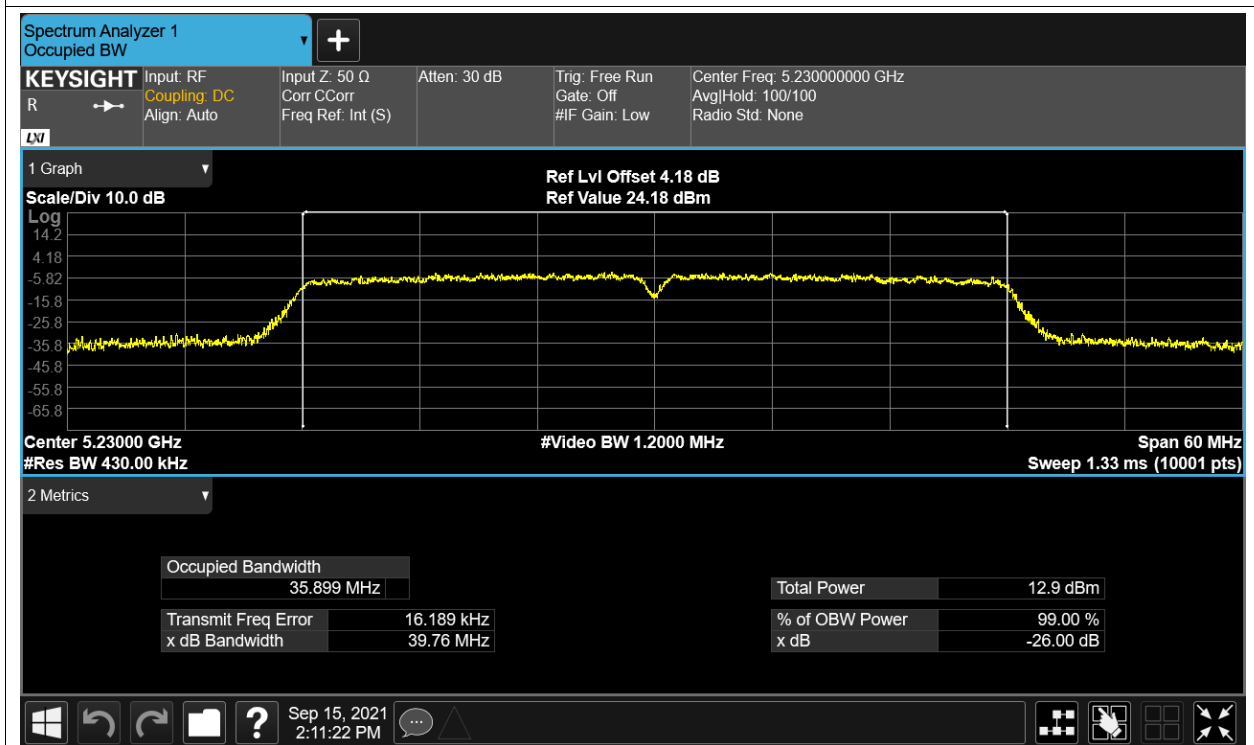
OBW NVNT ac20 5240MHz Ant1



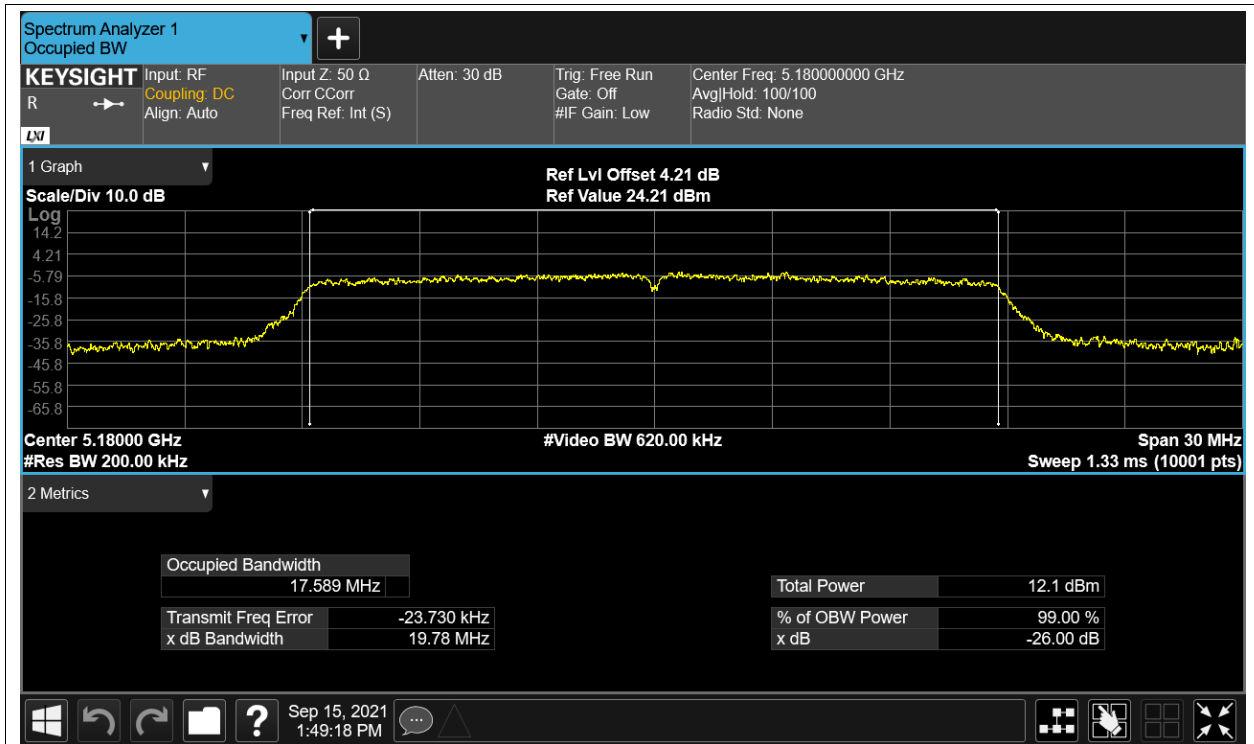
OBW NVNT ac40 5190MHz Ant1



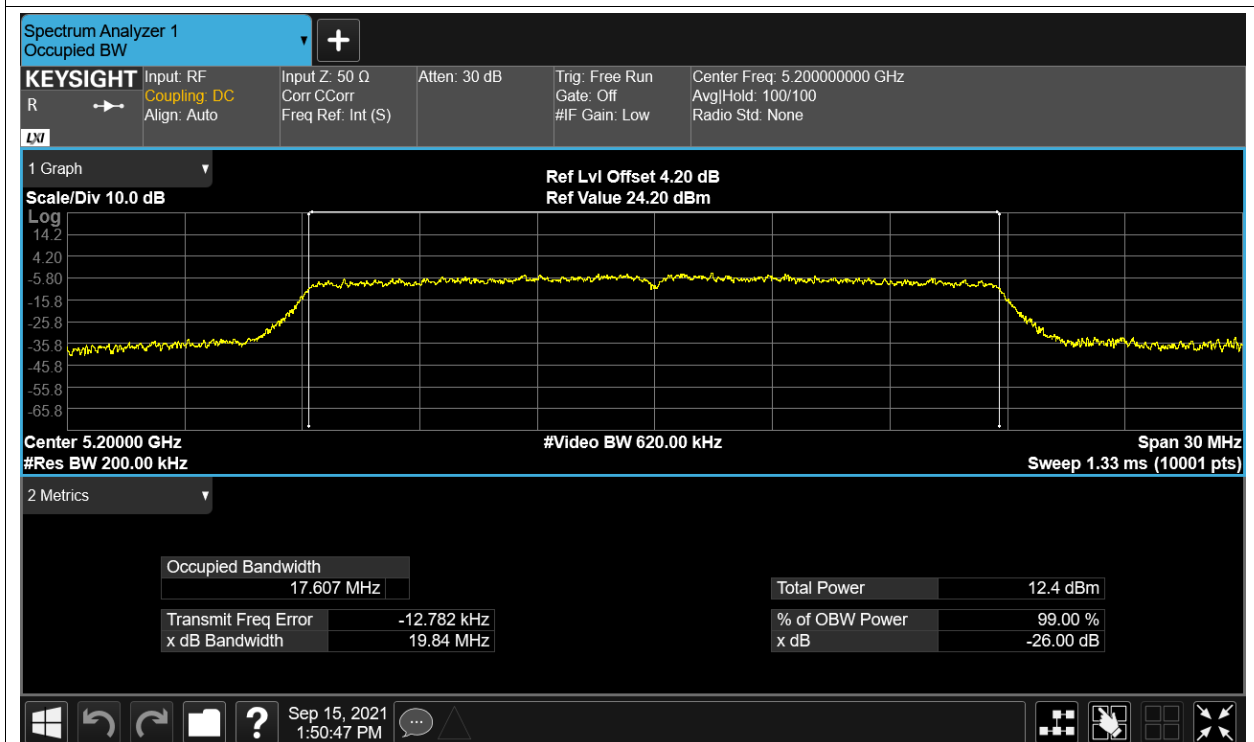
OBW NVNT ac40 5230MHz Ant1



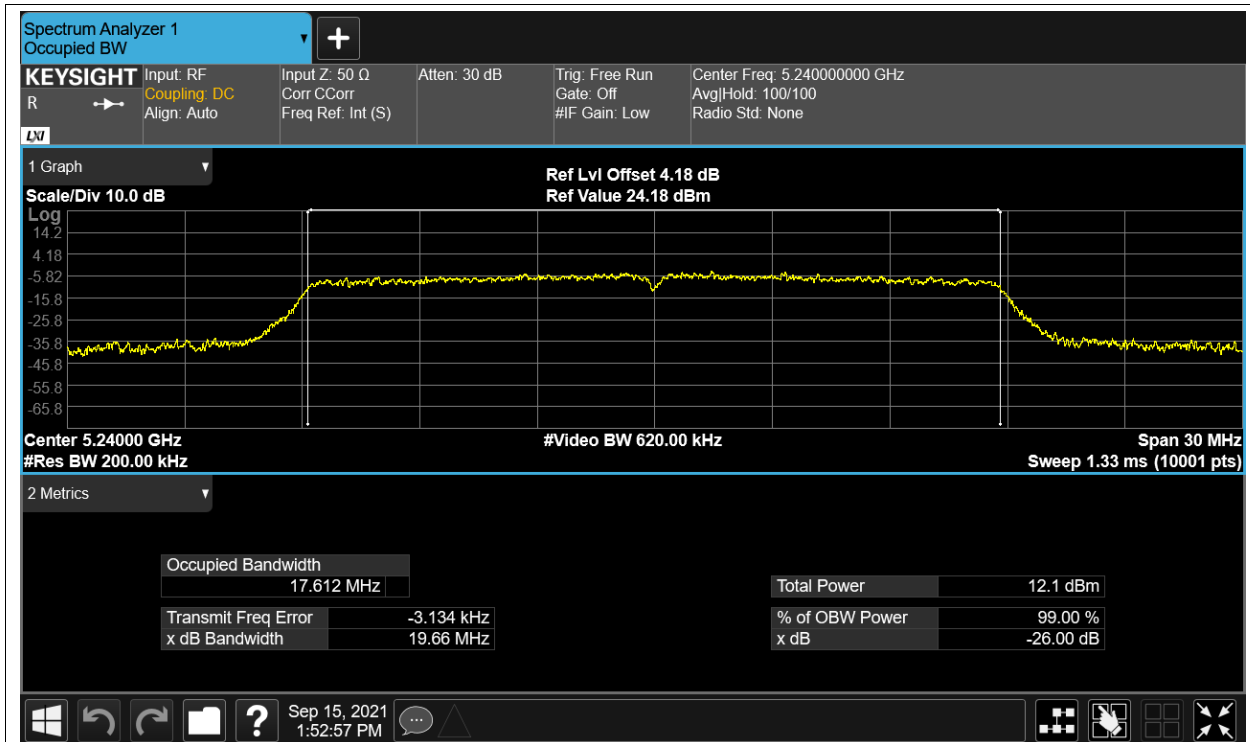
OBW NVNT n20 5180MHz Ant1



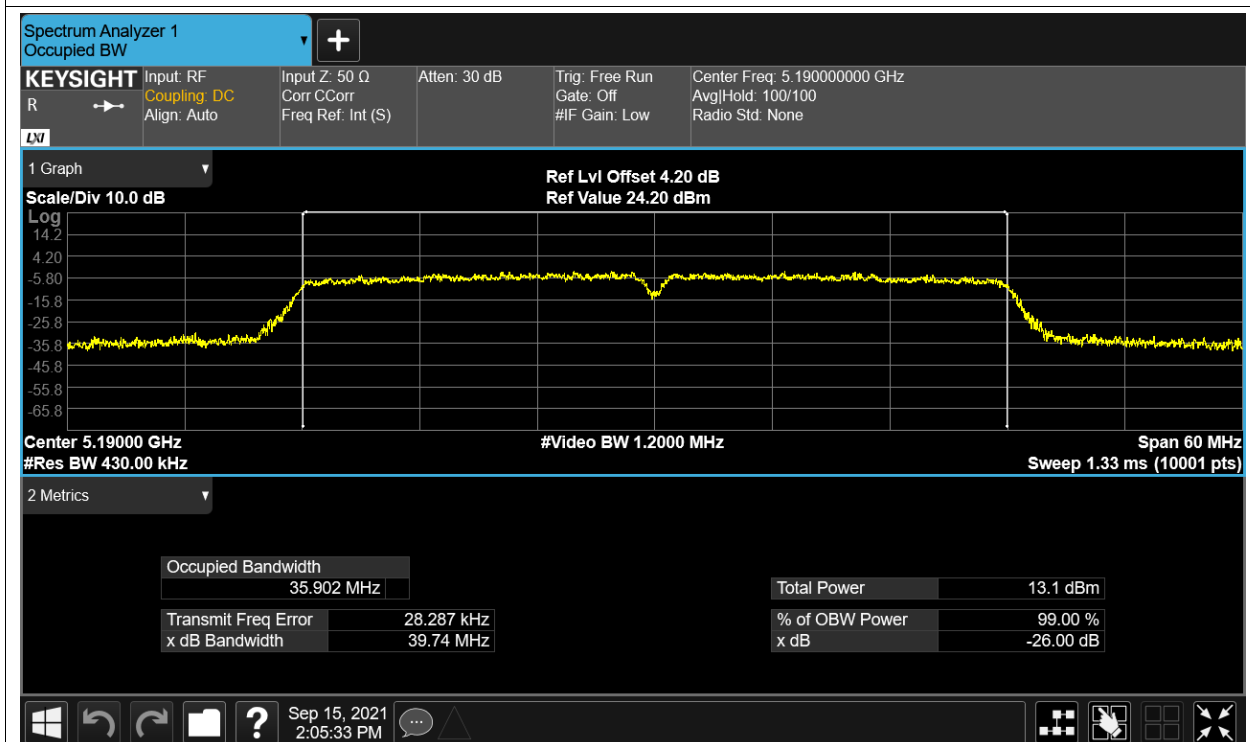
OBW NVNT n20 5200MHz Ant1



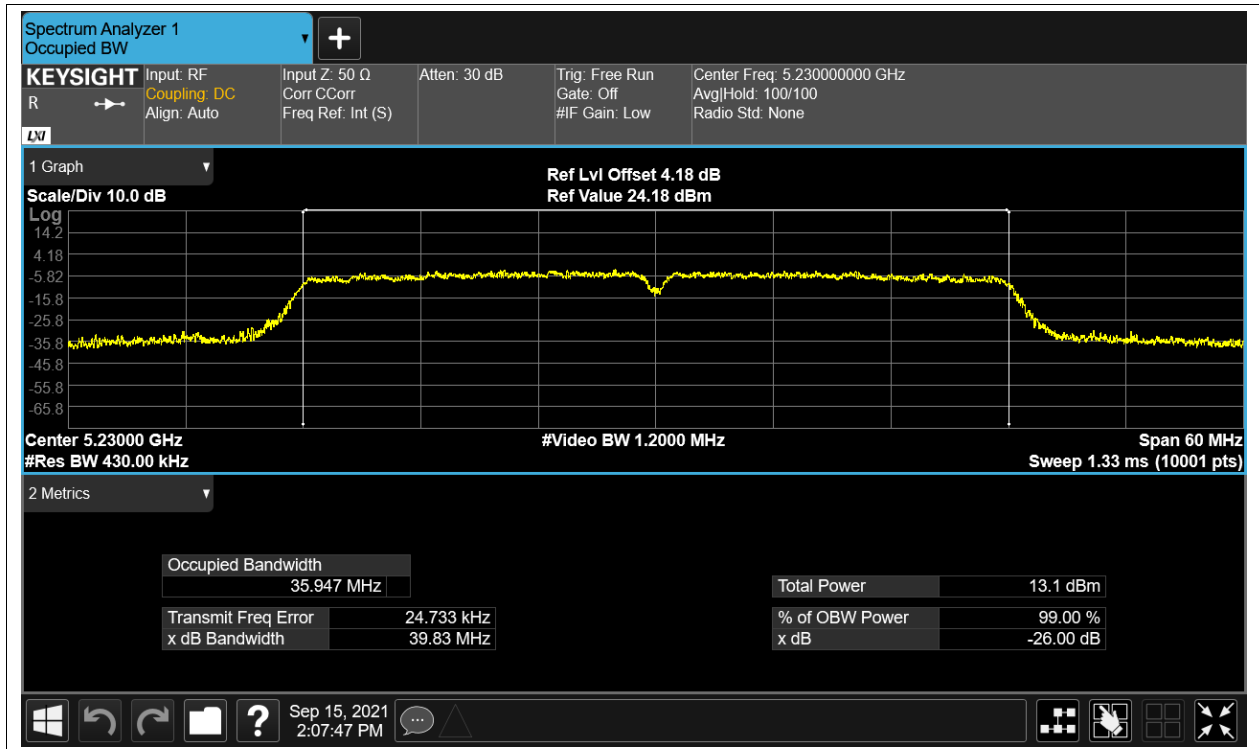
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

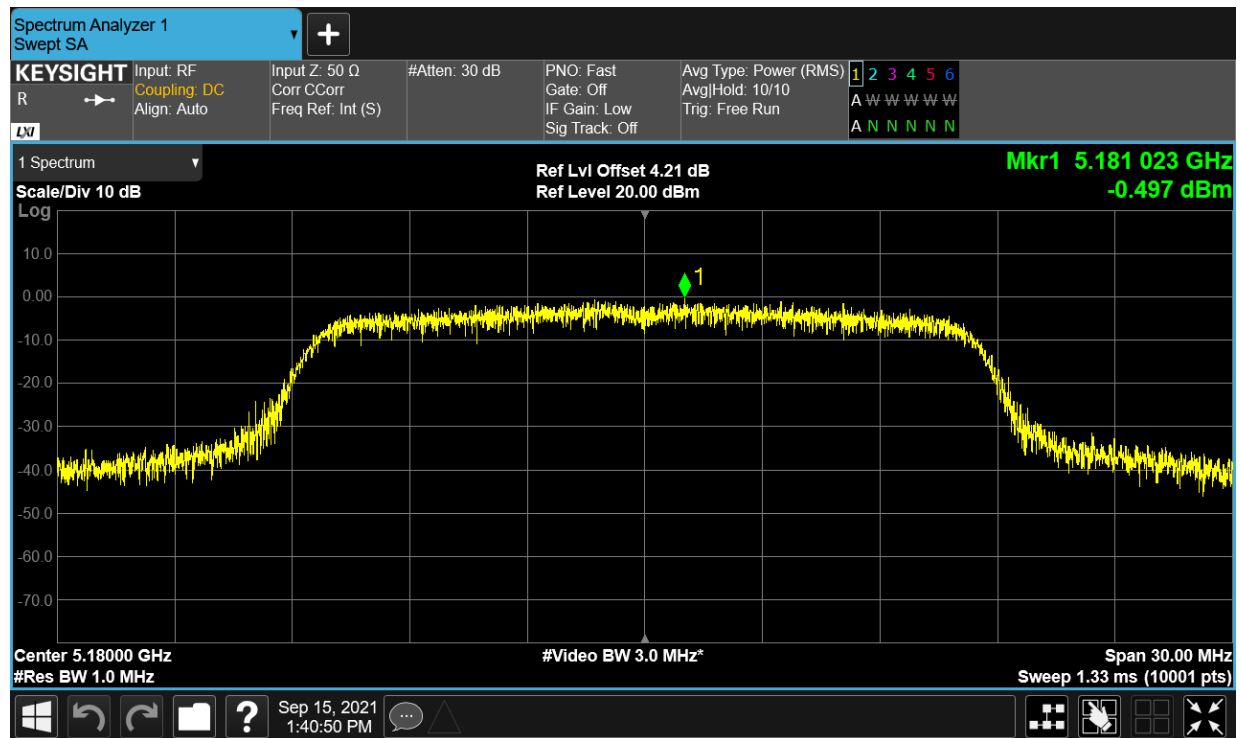


## Maximum Power Spectral Density Level

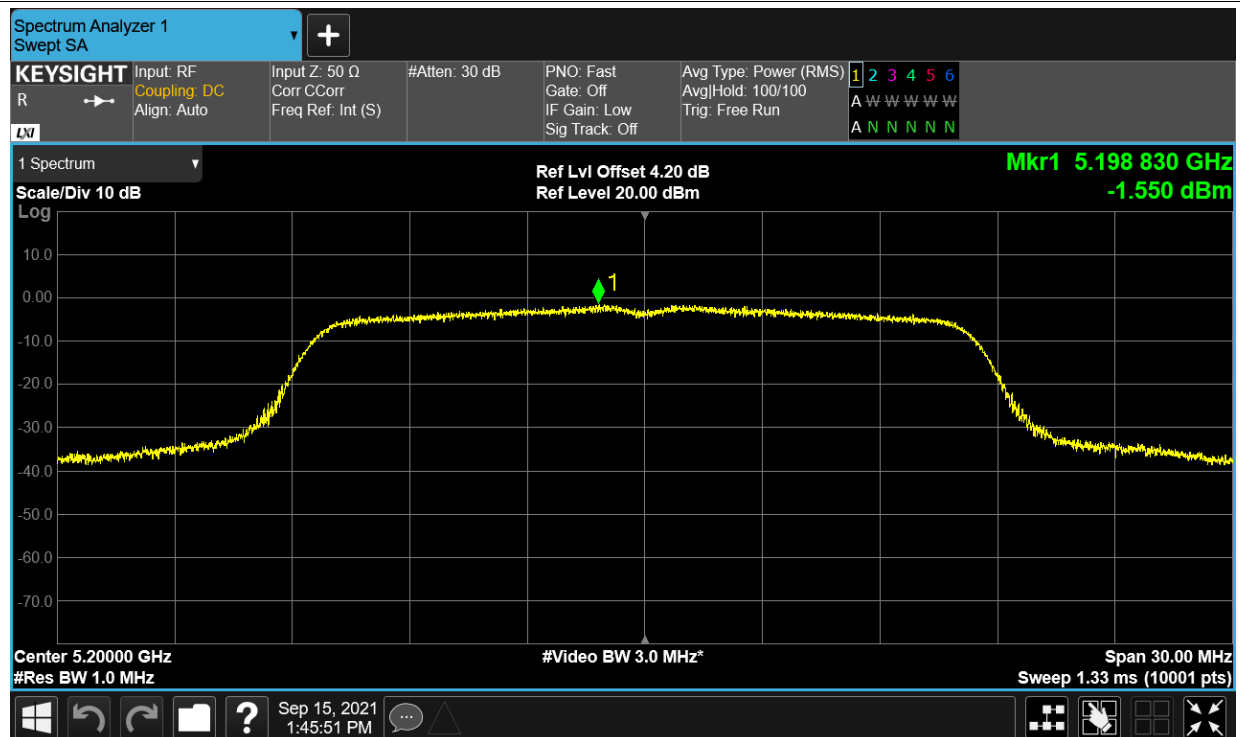
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | -0.497        | 11          | Pass    |
| NVNT      | a    | 5200            | Ant1    | -1.55         | 11          | Pass    |
| NVNT      | a    | 5240            | Ant1    | -1.881        | 11          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | -2.826        | 11          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | -2.619        | 11          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | -3.02         | 11          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | -5.892        | 11          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -5.927        | 11          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | -2.851        | 11          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | -2.546        | 11          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | -3.069        | 11          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | -5.772        | 11          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -5.377        | 11          | Pass    |

## Test Graphs

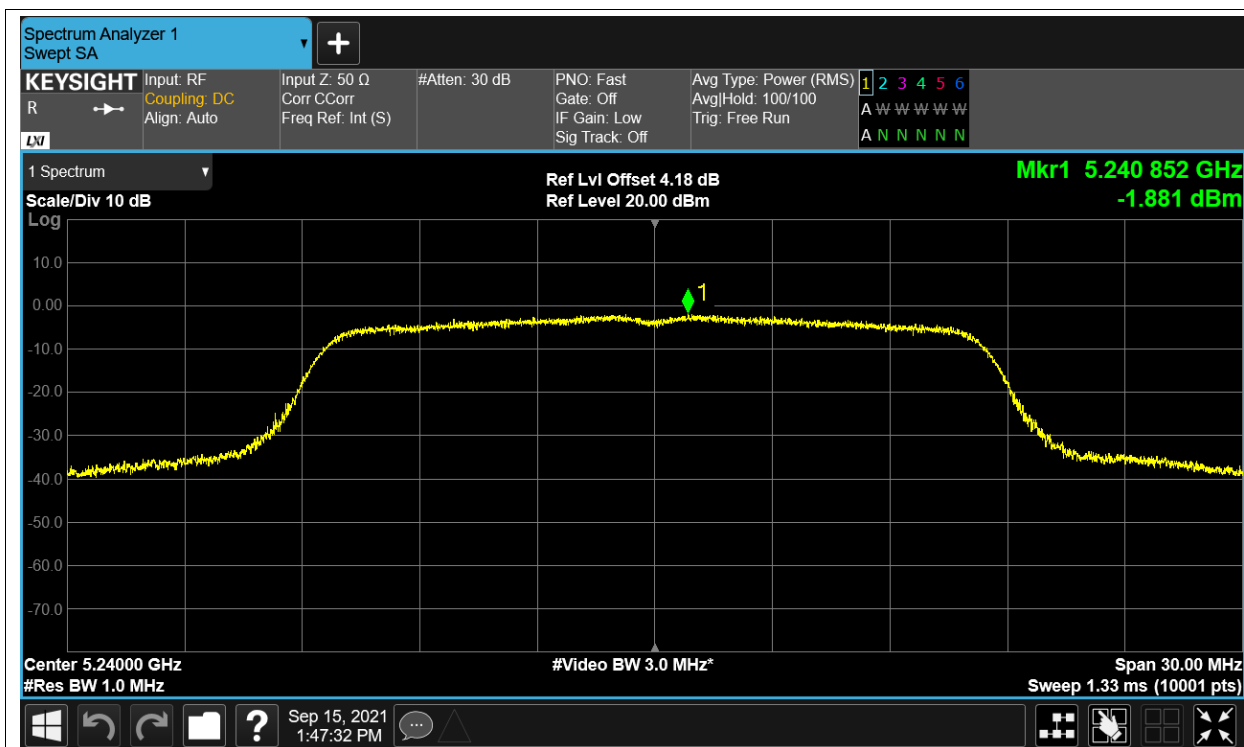
PSD NVNT a 5180MHz Ant1



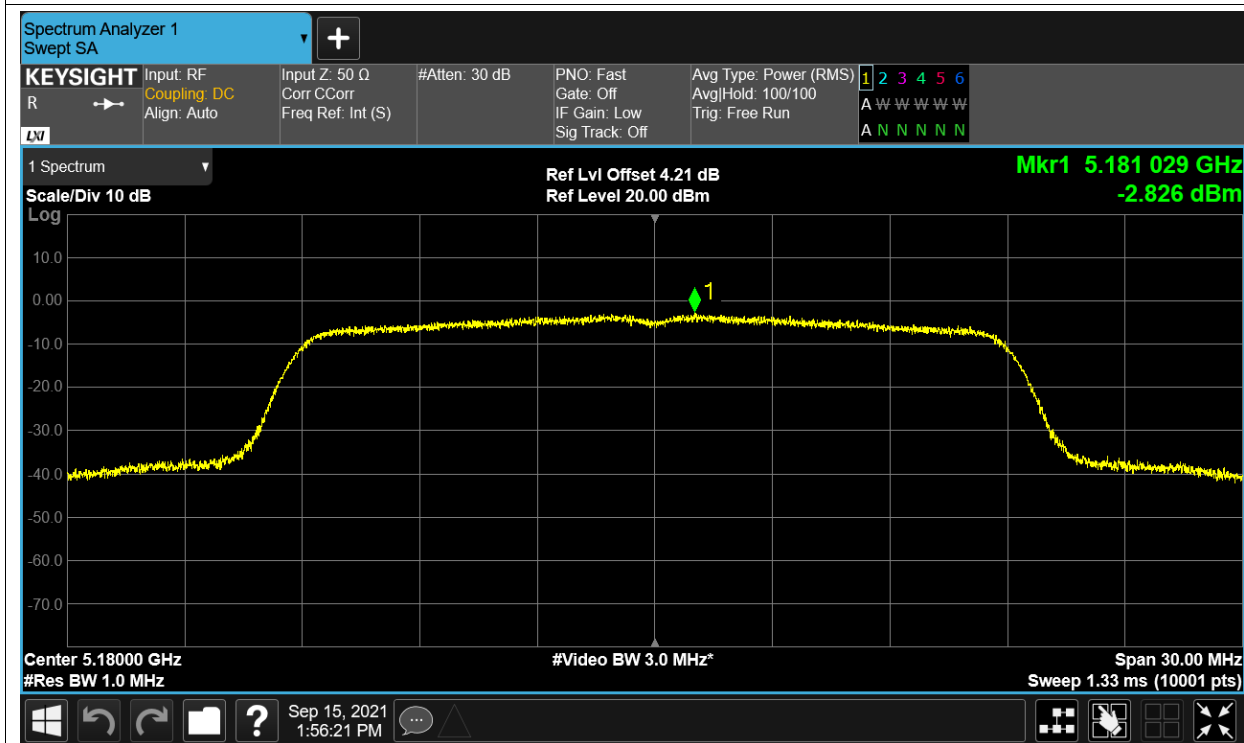
PSD NVNT a 5200MHz Ant1



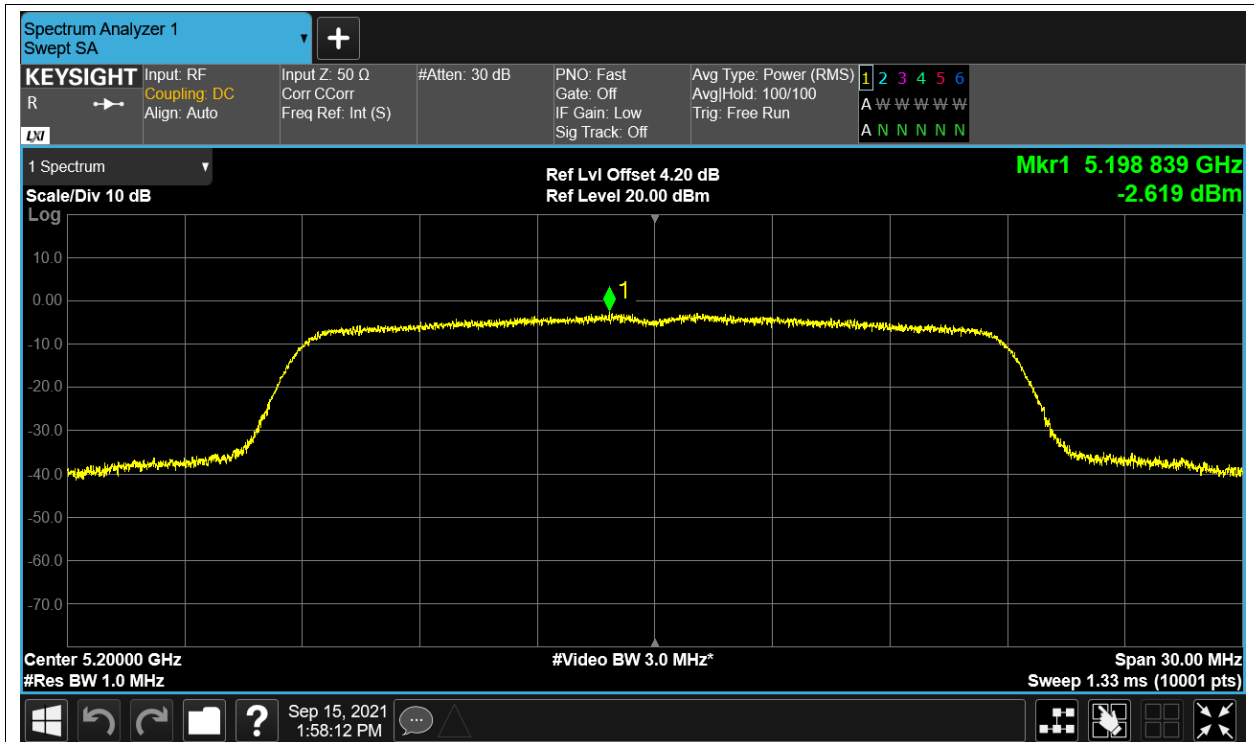
PSD NVNT a 5240MHz Ant1



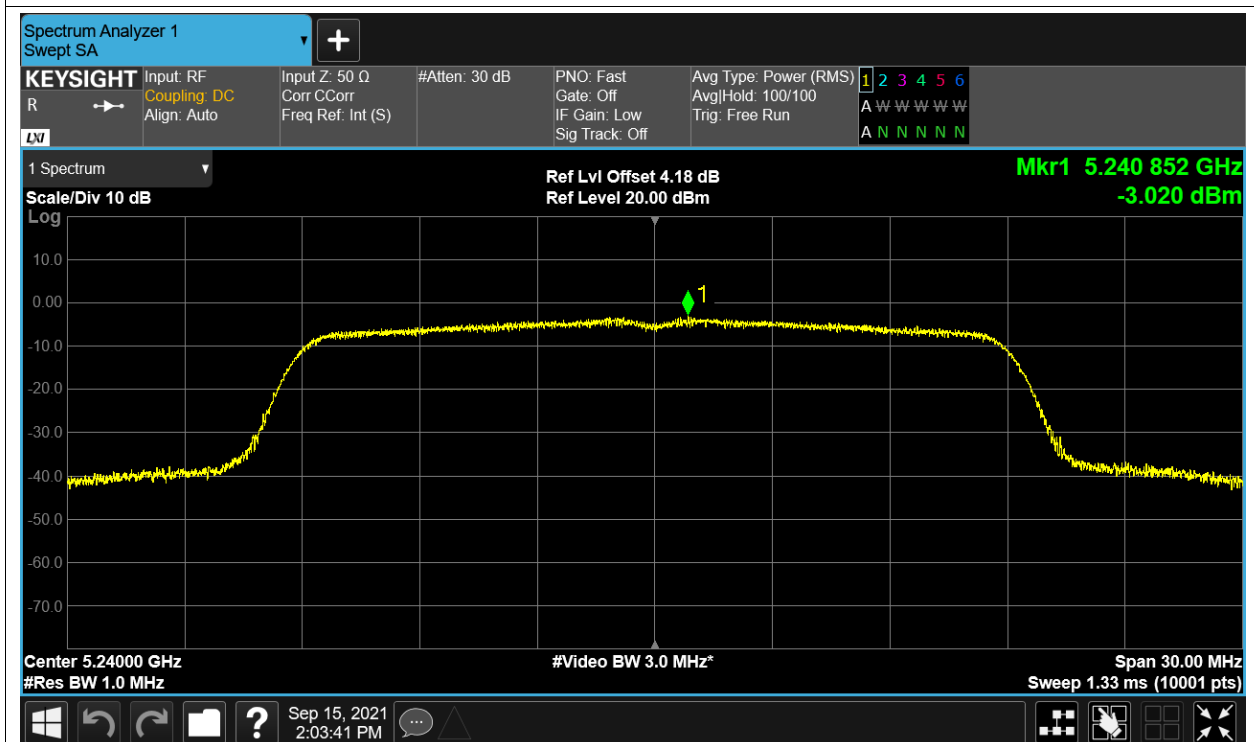
PSD NVNT ac20 5180MHz Ant1



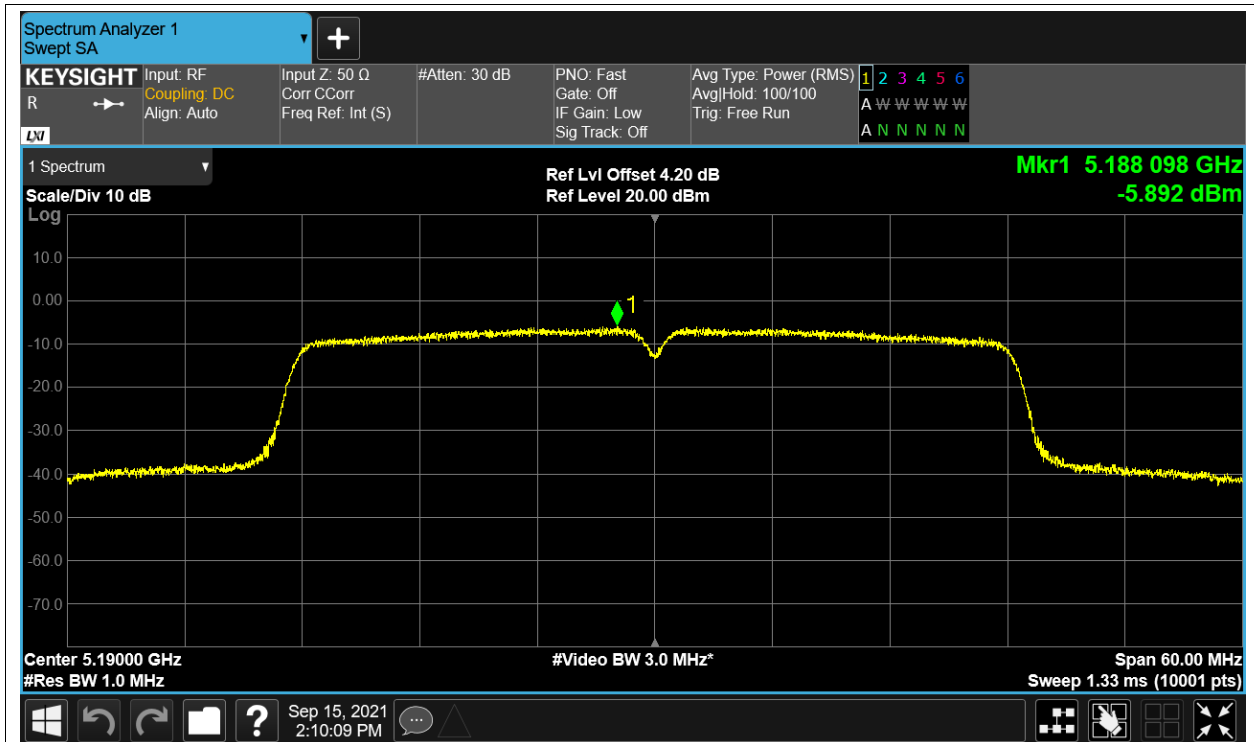
PSD NVNT ac20 5200MHz Ant1



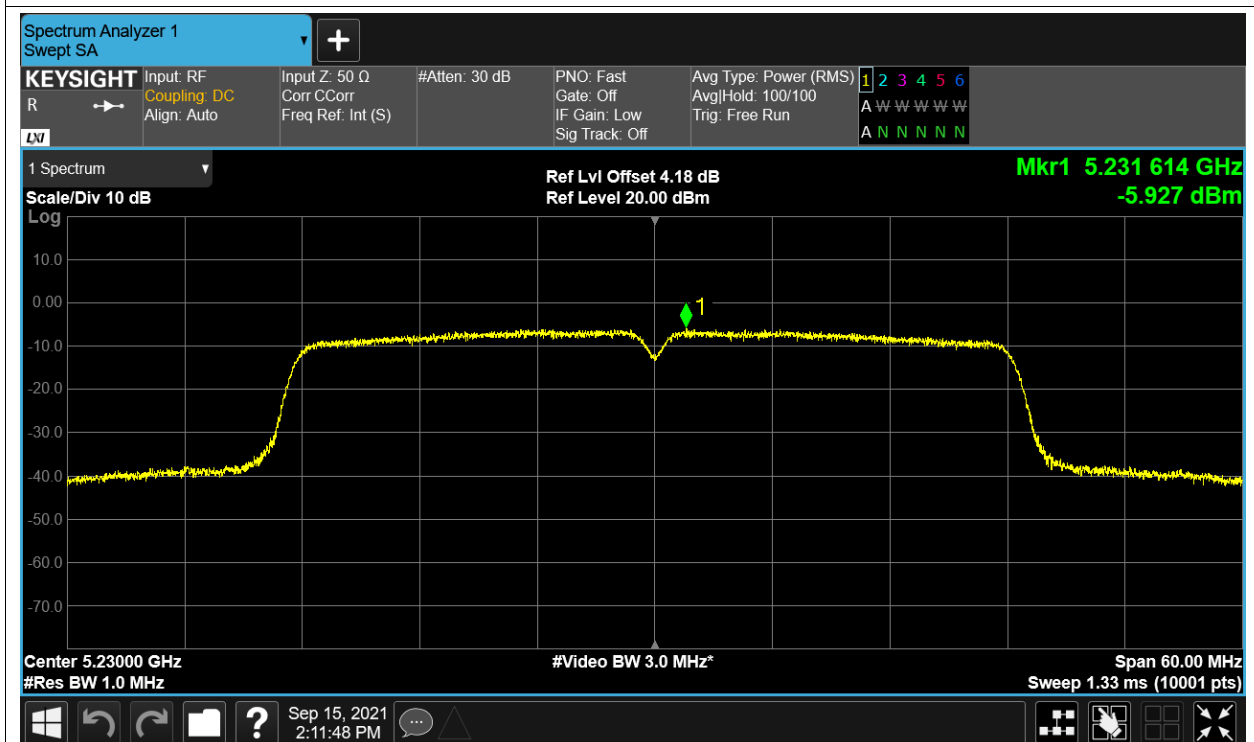
PSD NVNT ac20 5240MHz Ant1



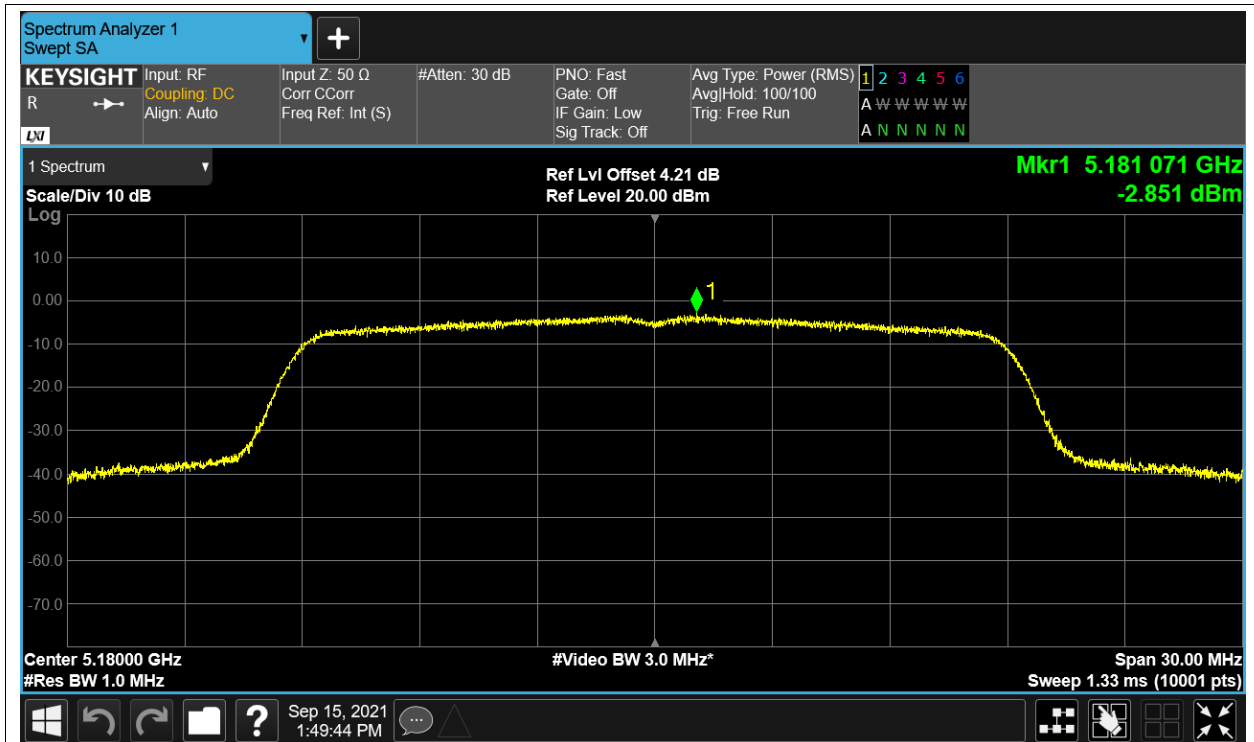
PSD NVNT ac40 5190MHz Ant1



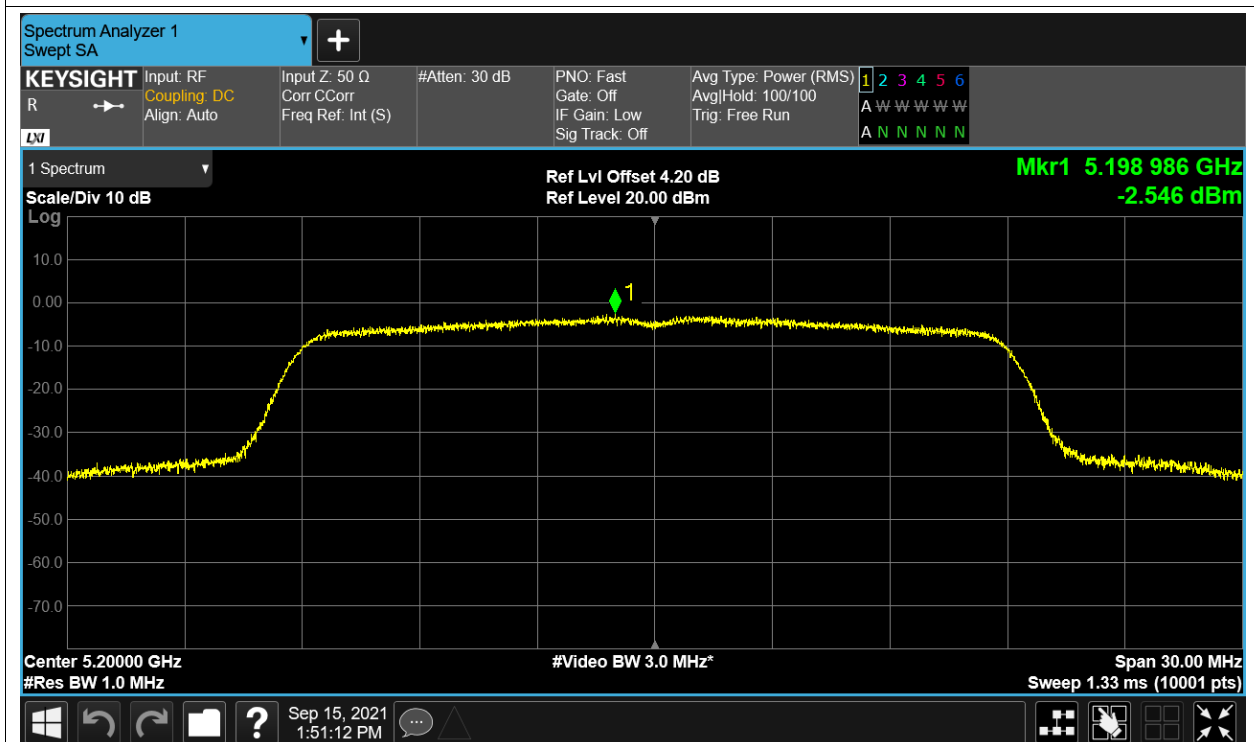
PSD NVNT ac40 5230MHz Ant1



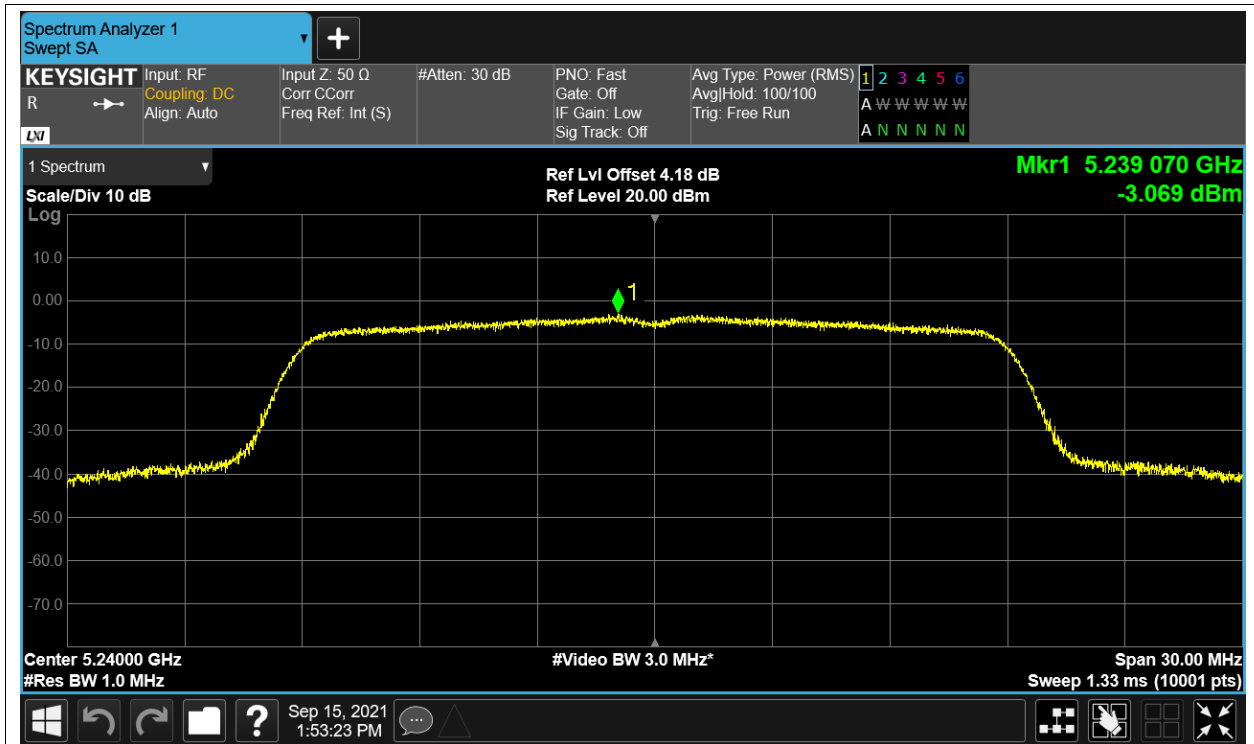
PSD NVNT n20 5180MHz Ant1



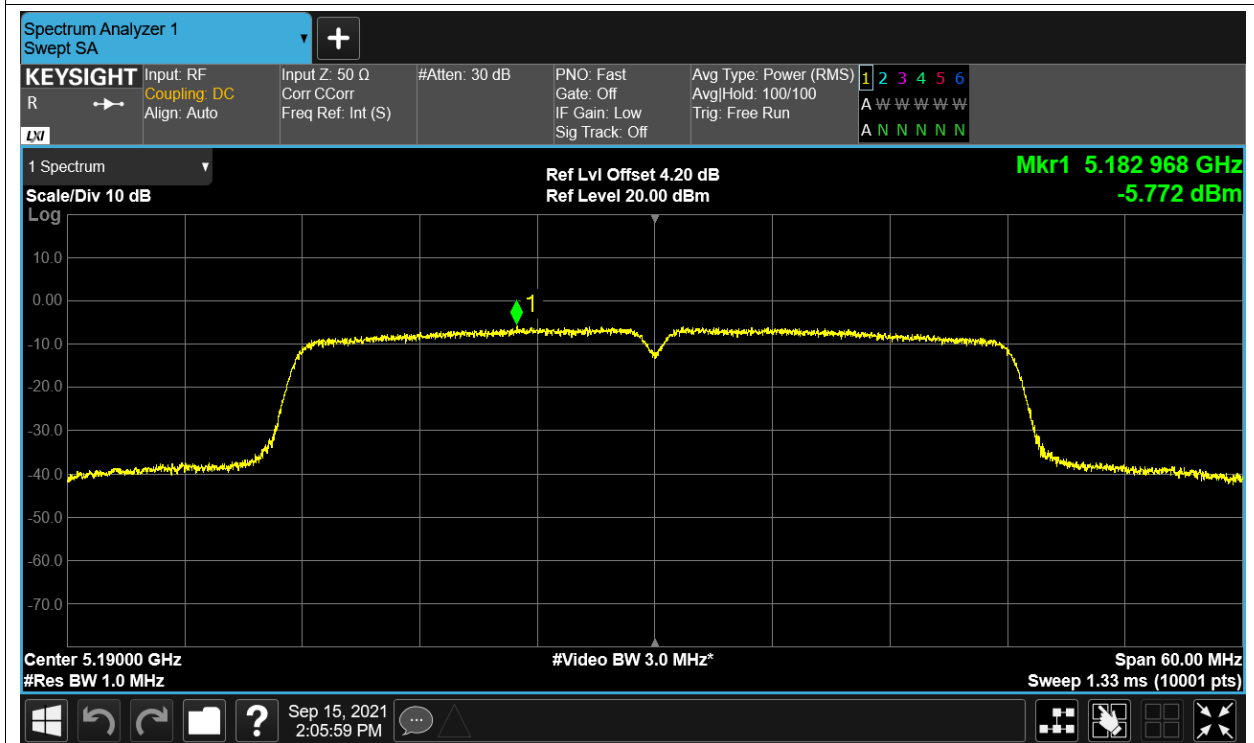
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

