

## Test Data

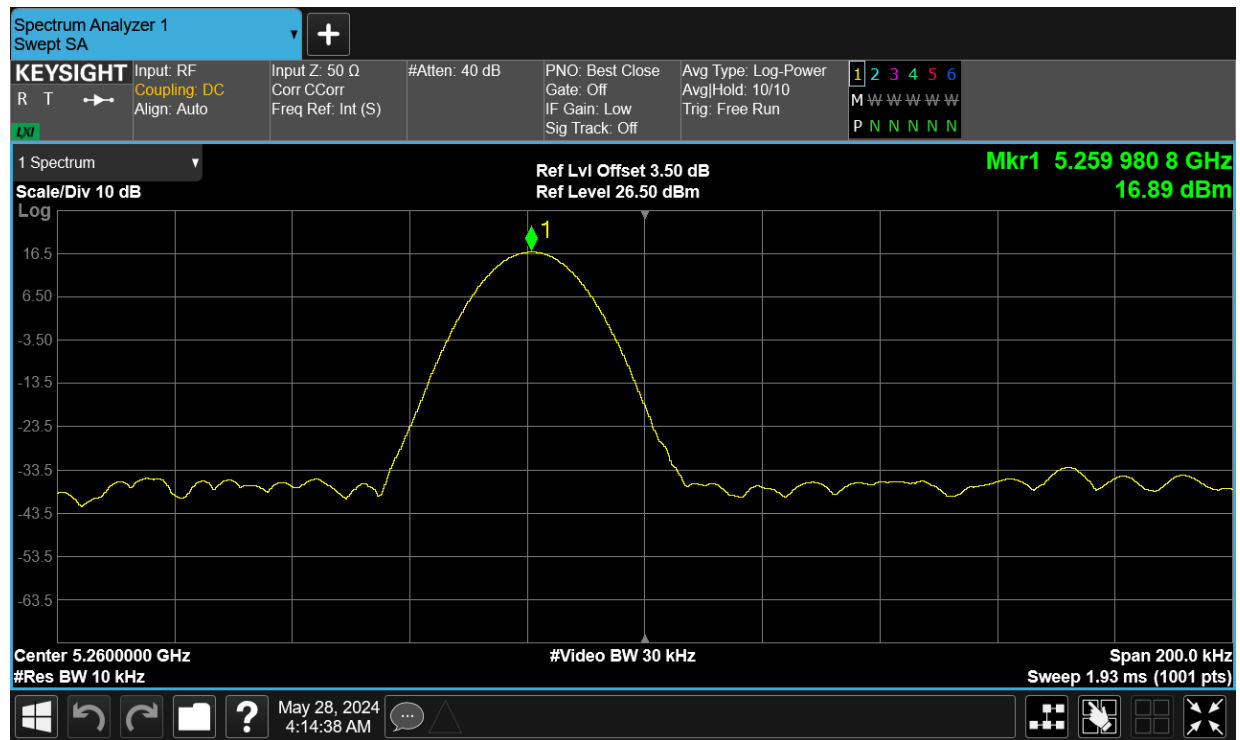
### Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Deviation (ppm) | Limit (ppm)            | Verdict |
|-----------|------|-----------------|---------|--------------------------|-----------------|------------------------|---------|
| HVNT      | a    | 5260            | Ant12   | 5259.9808                | -3.65           | Within authorized band | Pass    |
| LVNT      | a    | 5260            | Ant12   | 5259.9812                | -3.57           |                        | Pass    |
| NVHT      | a    | 5260            | Ant12   | 5259.9814                | -3.54           |                        | Pass    |
| NVLT      | a    | 5260            | Ant12   | 5259.9816                | -3.5            |                        | Pass    |
| NVNT      | a    | 5260            | Ant12   | 5259.982                 | -3.42           |                        | Pass    |
| HVNT      | ac80 | 5290            | Ant12   | 5289.9818                | -3.44           |                        | Pass    |
| LVNT      | ac80 | 5290            | Ant12   | 5289.9822                | -3.36           |                        | Pass    |
| NVHT      | ac80 | 5290            | Ant12   | 5289.9824                | -3.33           |                        | Pass    |
| NVLT      | ac80 | 5290            | Ant12   | 5289.9828                | -3.25           |                        | Pass    |
| NVNT      | ac80 | 5290            | Ant12   | 5289.9834                | -3.14           |                        | Pass    |
| HVNT      | n40  | 5270            | Ant12   | 5269.9802                | -3.76           |                        | Pass    |
| LVNT      | n40  | 5270            | Ant12   | 5269.9804                | -3.72           |                        | Pass    |
| NVHT      | n40  | 5270            | Ant12   | 5269.9804                | -3.72           |                        | Pass    |
| NVLT      | n40  | 5270            | Ant12   | 5269.9804                | -3.72           |                        | Pass    |
| NVNT      | n40  | 5270            | Ant12   | 5269.982                 | -3.42           |                        | Pass    |

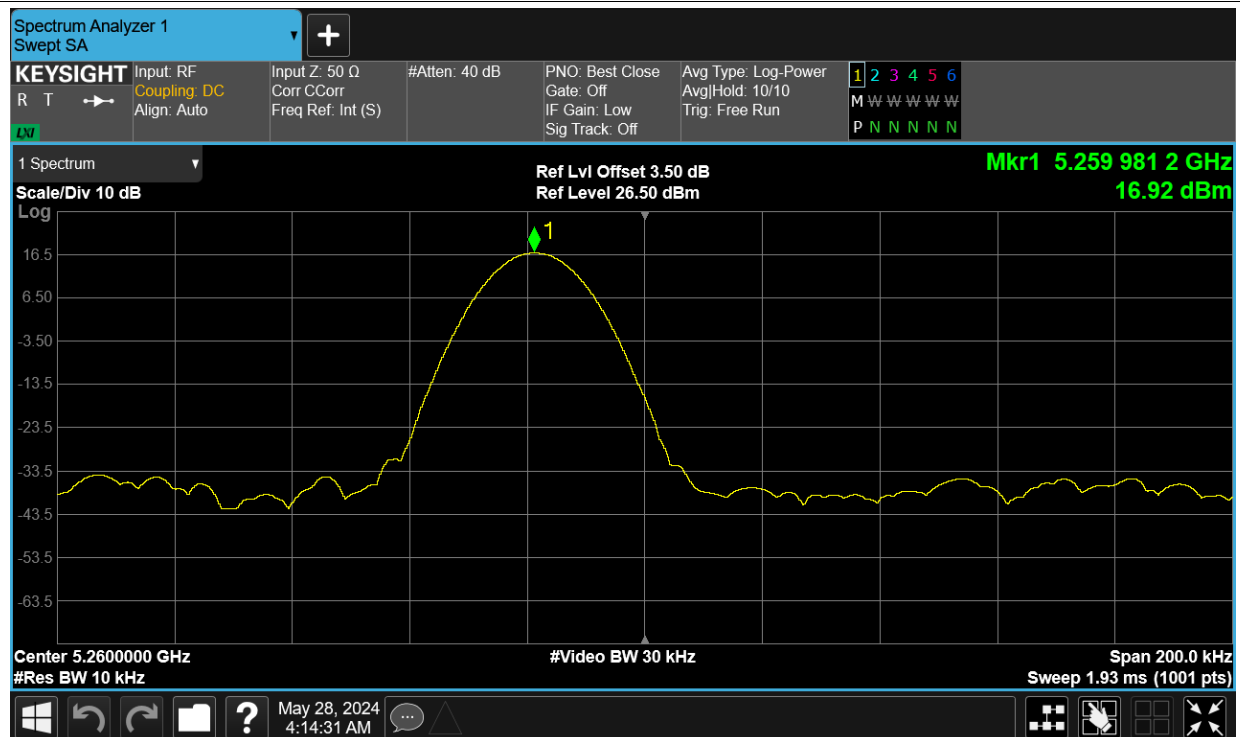
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

## Test Graphs

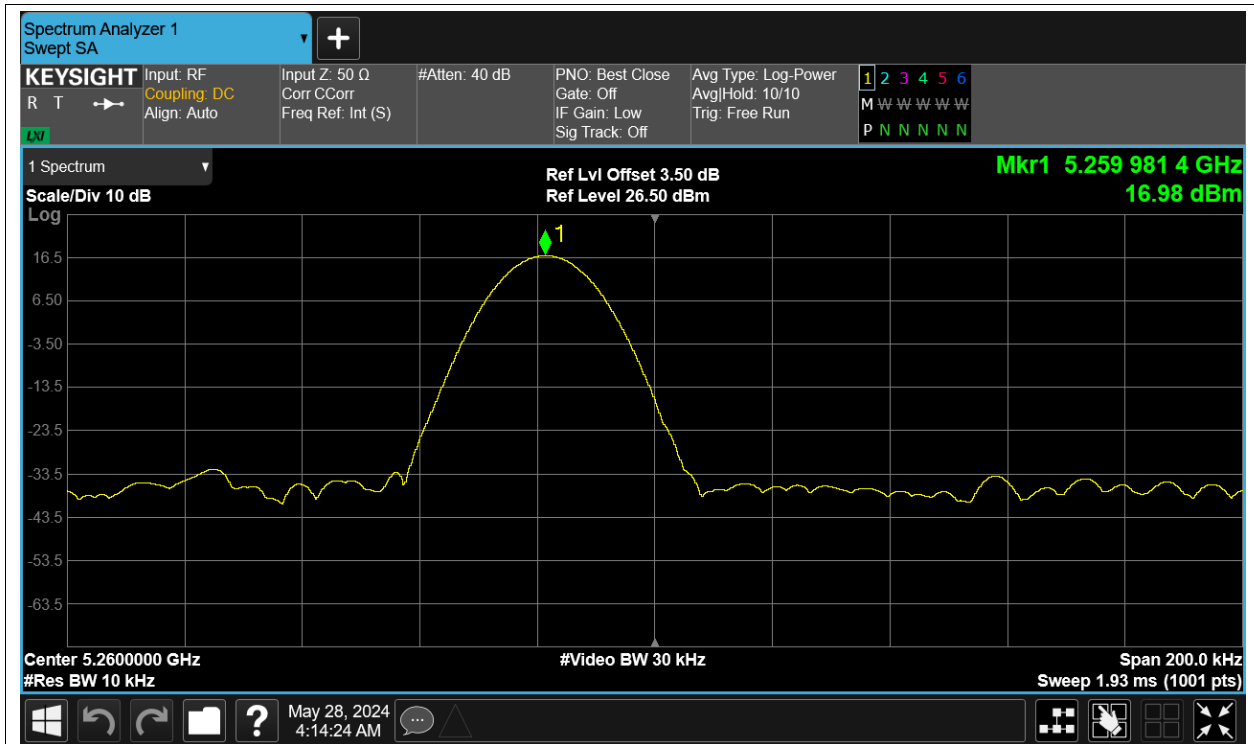
Freq. Stability HVNT a 5260MHz Ant12



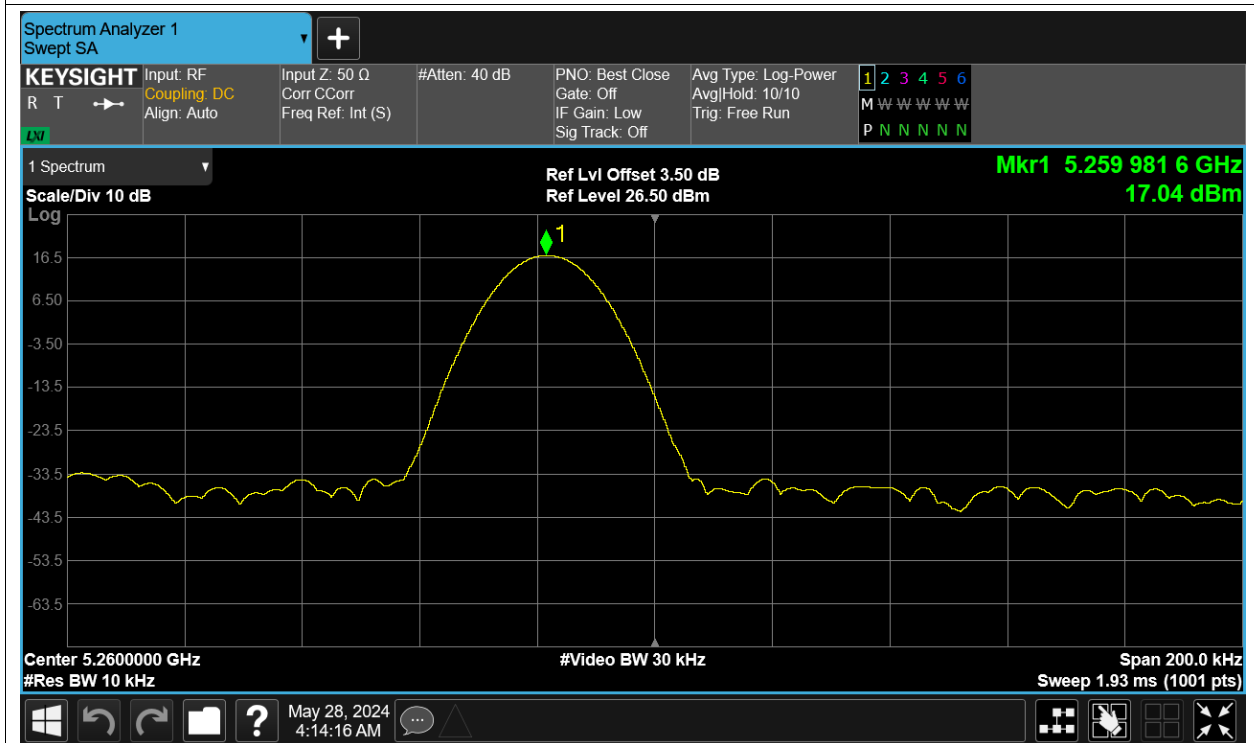
Freq. Stability LVNT a 5260MHz Ant12



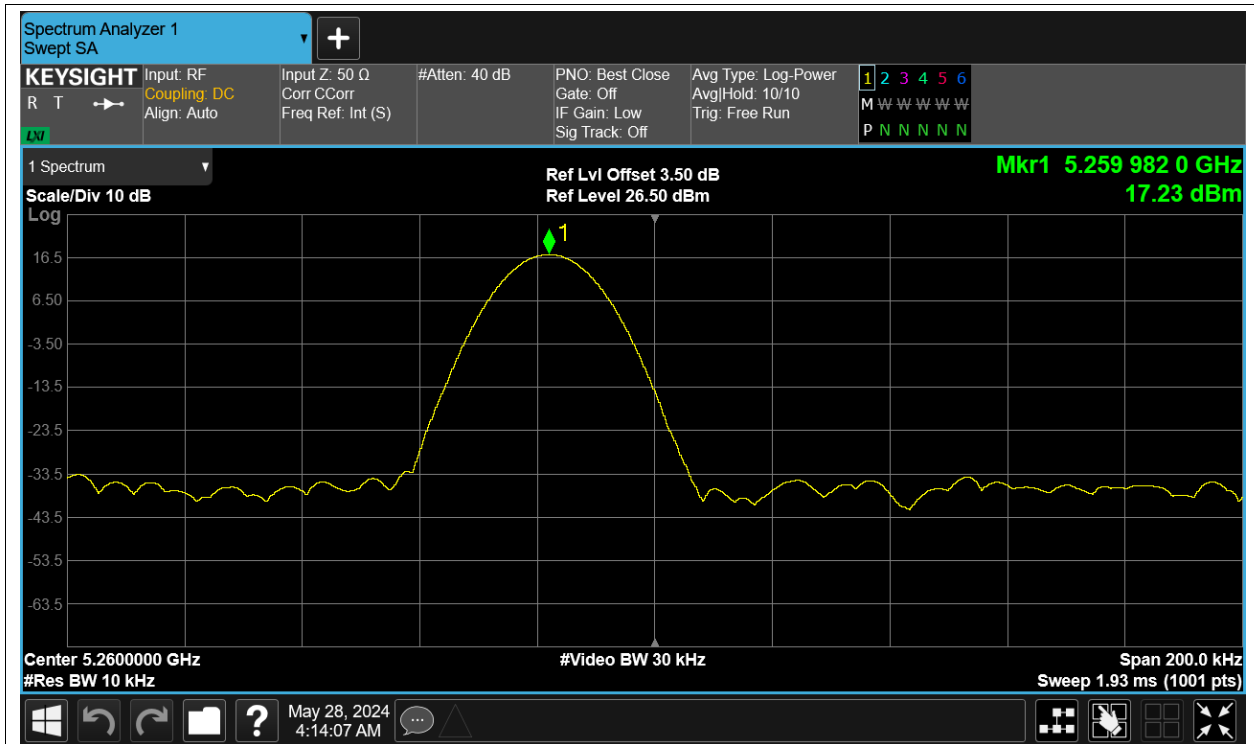
Freq. Stability NVHT a 5260MHz Ant12



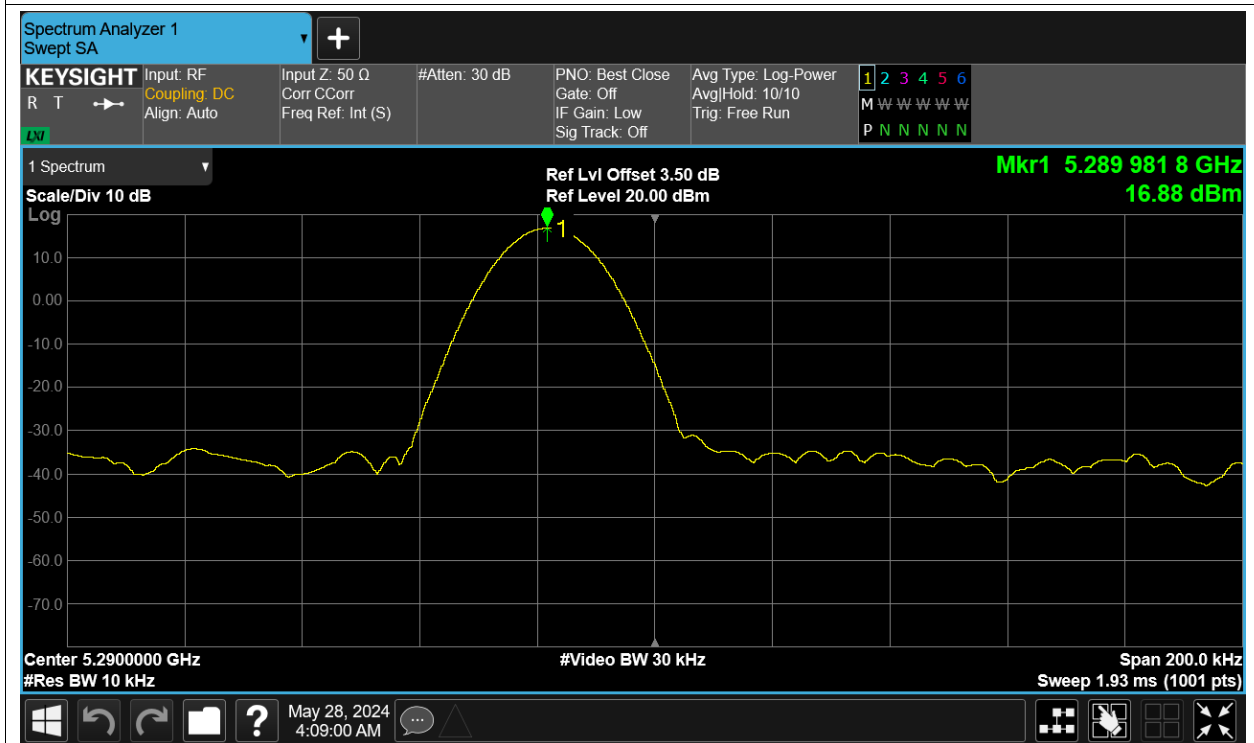
Freq. Stability NVLT a 5260MHz Ant12



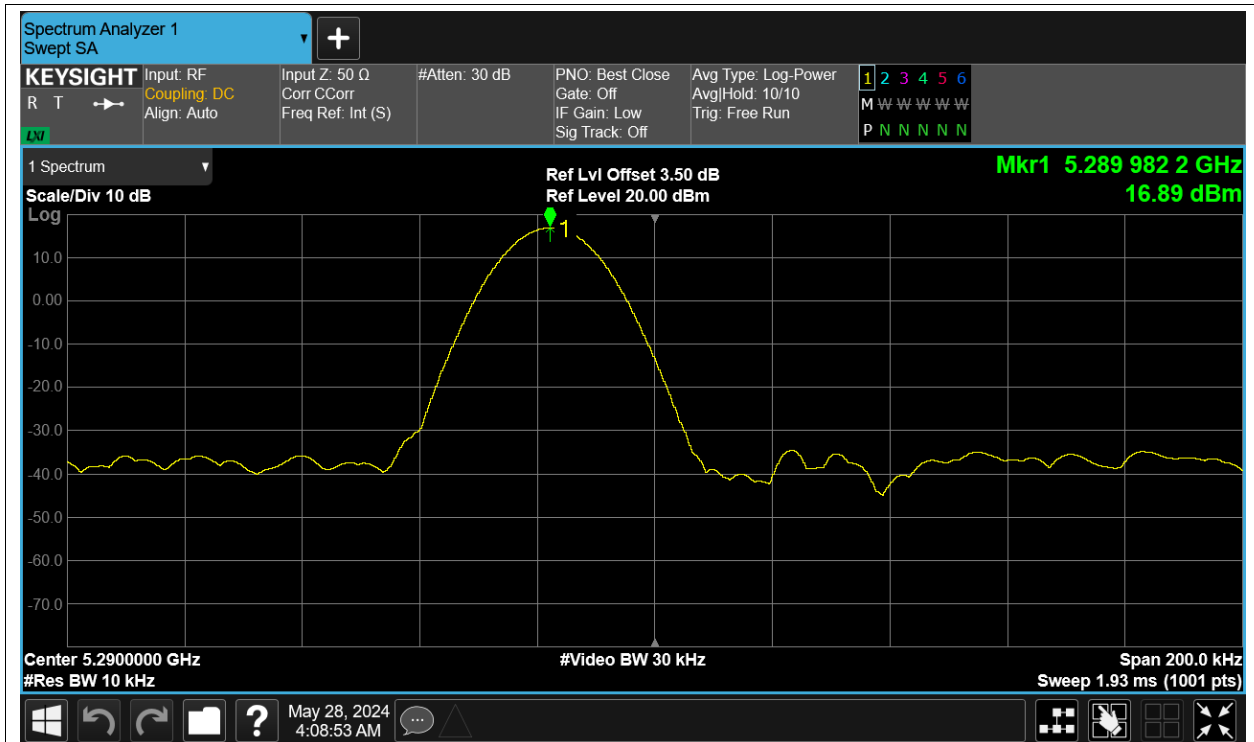
Freq. Stability NVNT a 5260MHz Ant12



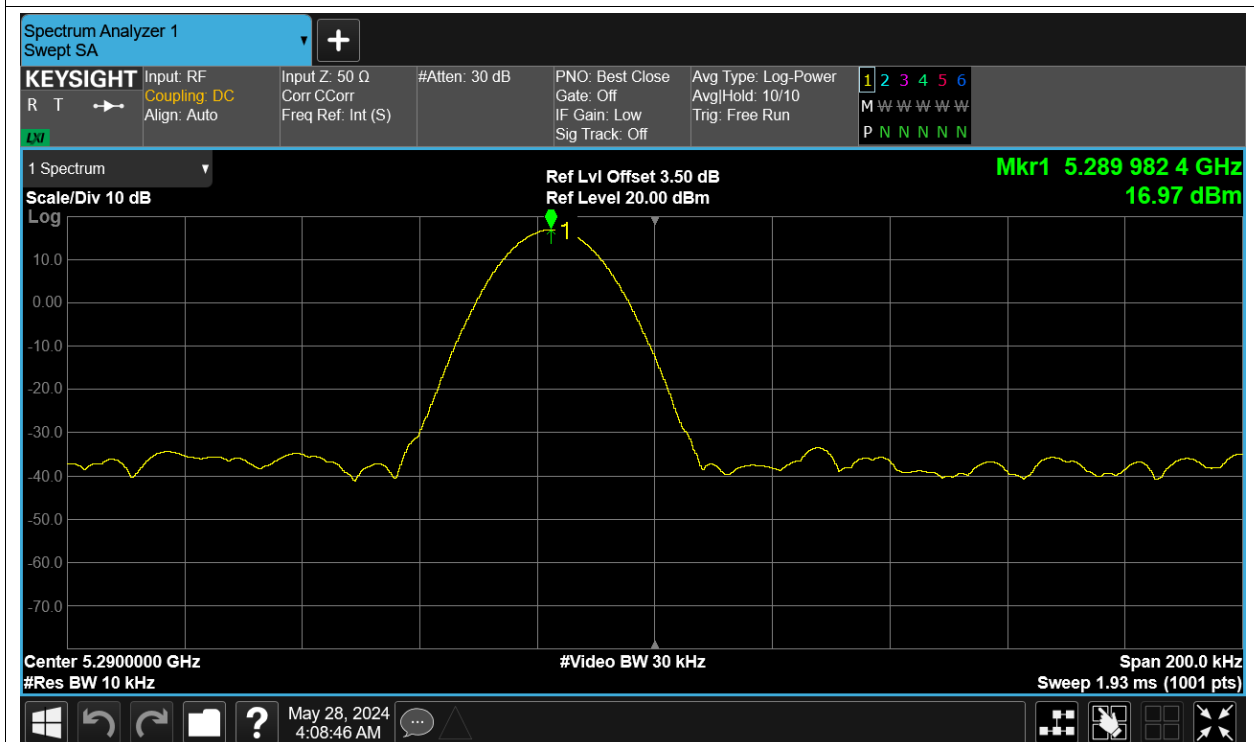
Freq. Stability HVNT ac80 5290MHz Ant12



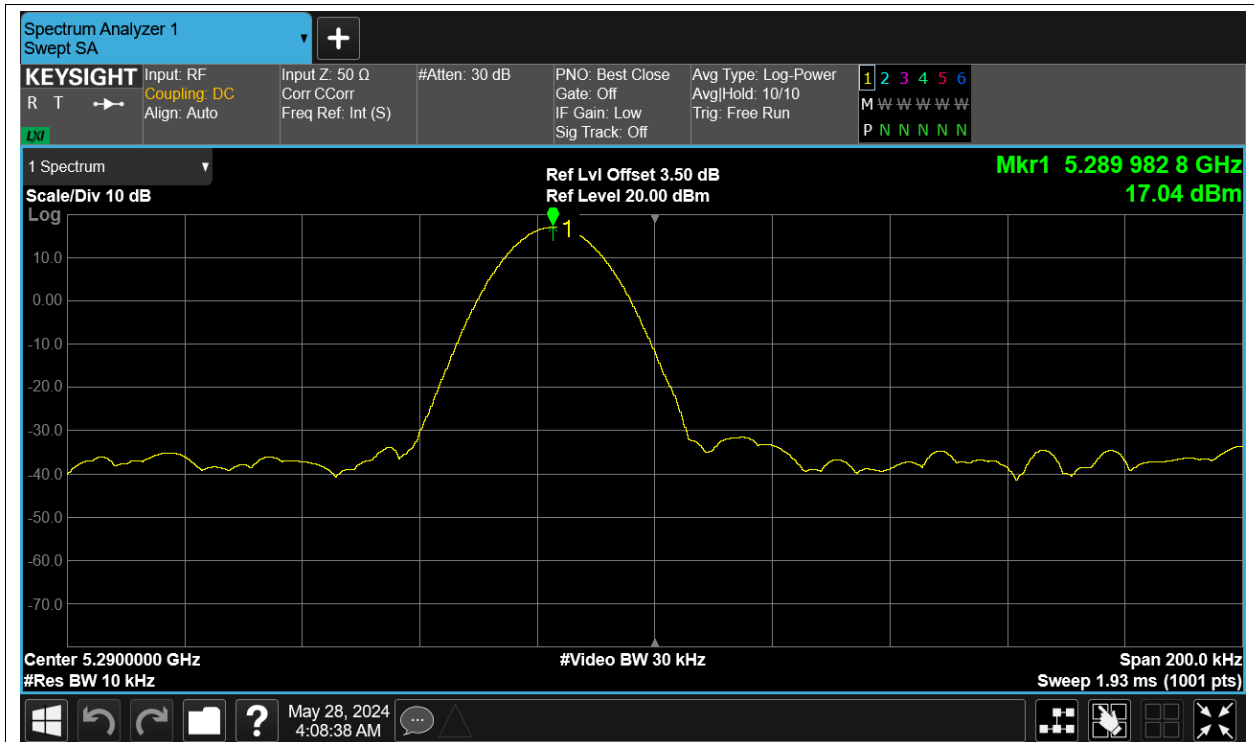
Freq. Stability LVNT ac80 5290MHz Ant12



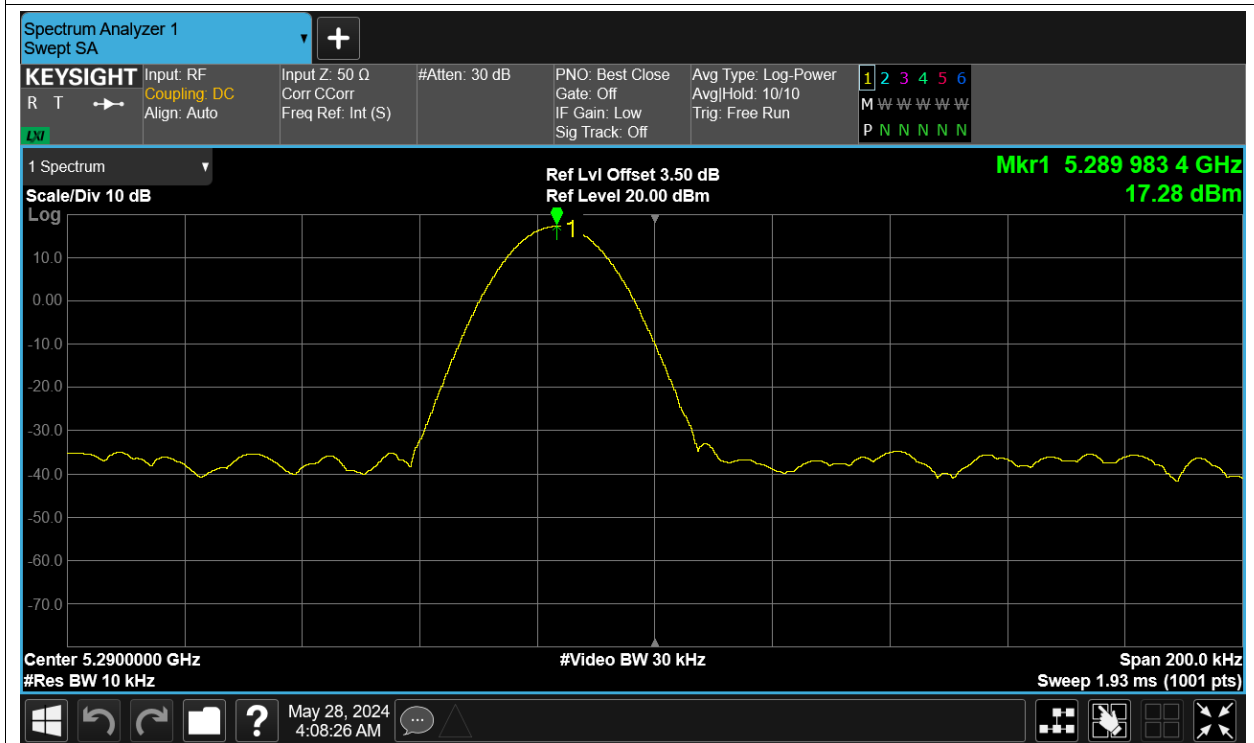
Freq. Stability NVHT ac80 5290MHz Ant12



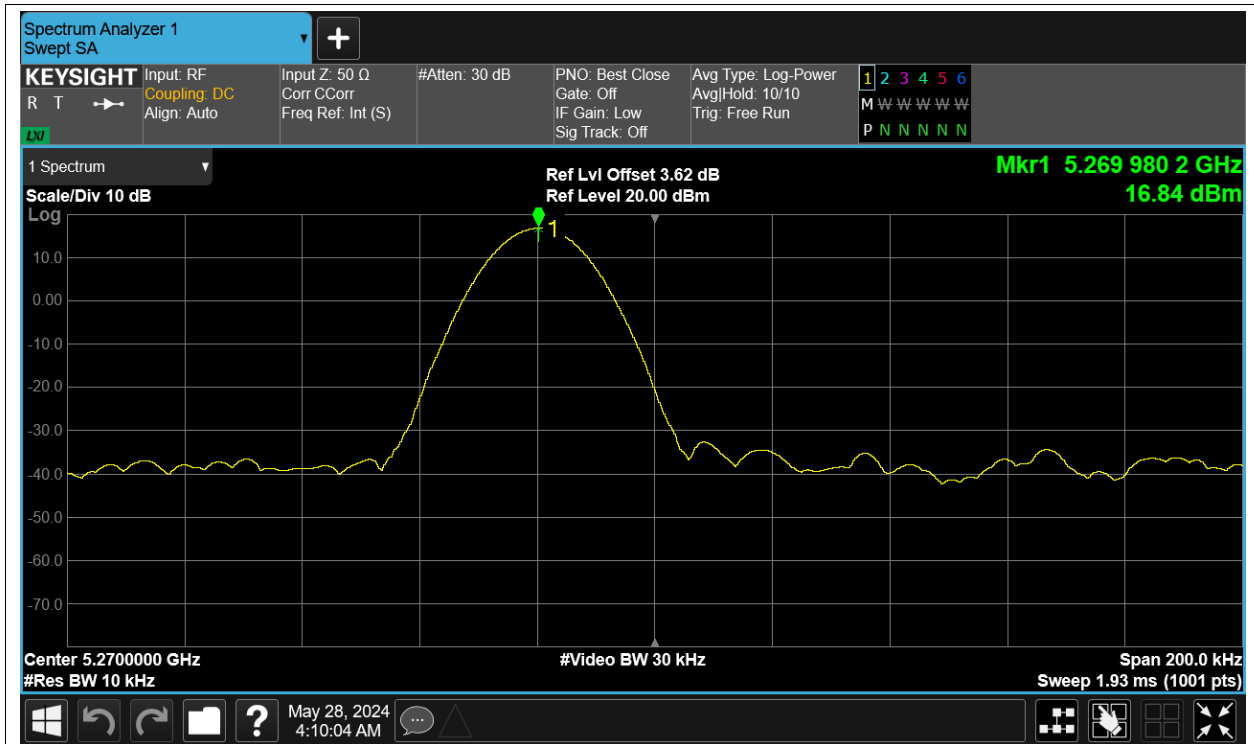
Freq. Stability NVLT ac80 5290MHz Ant12



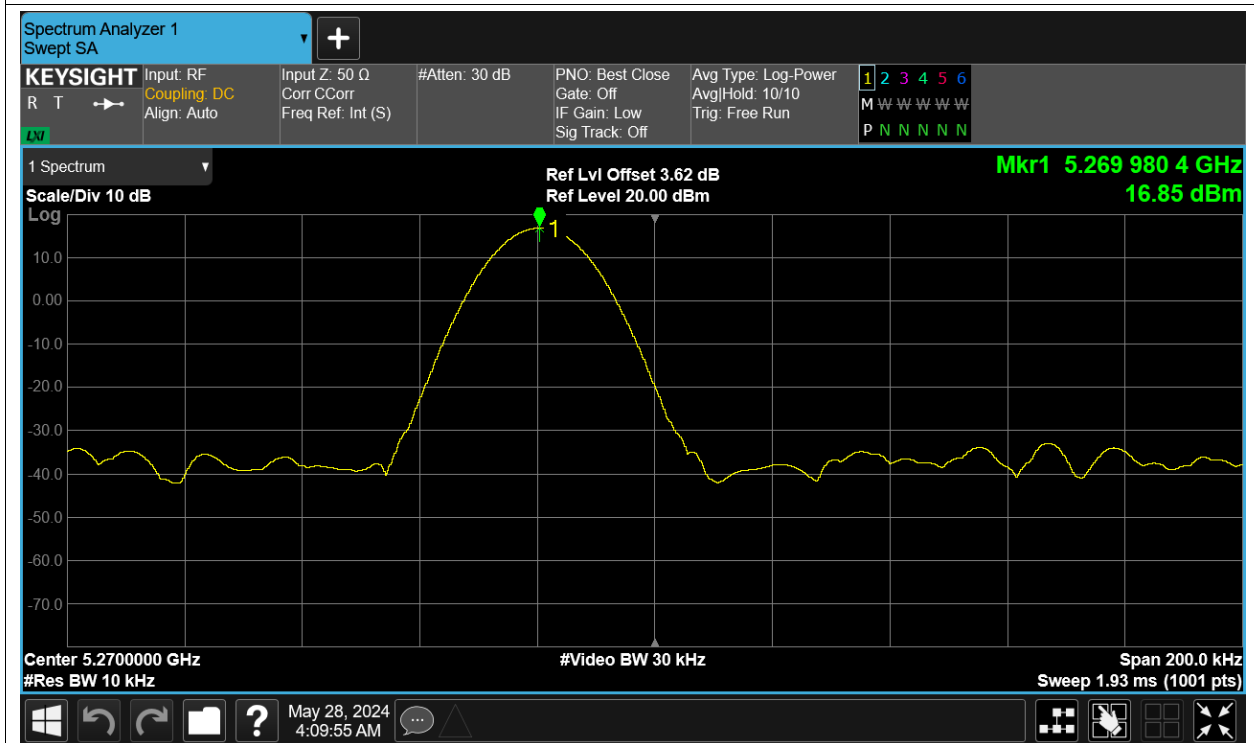
Freq. Stability NVNT ac80 5290MHz Ant12



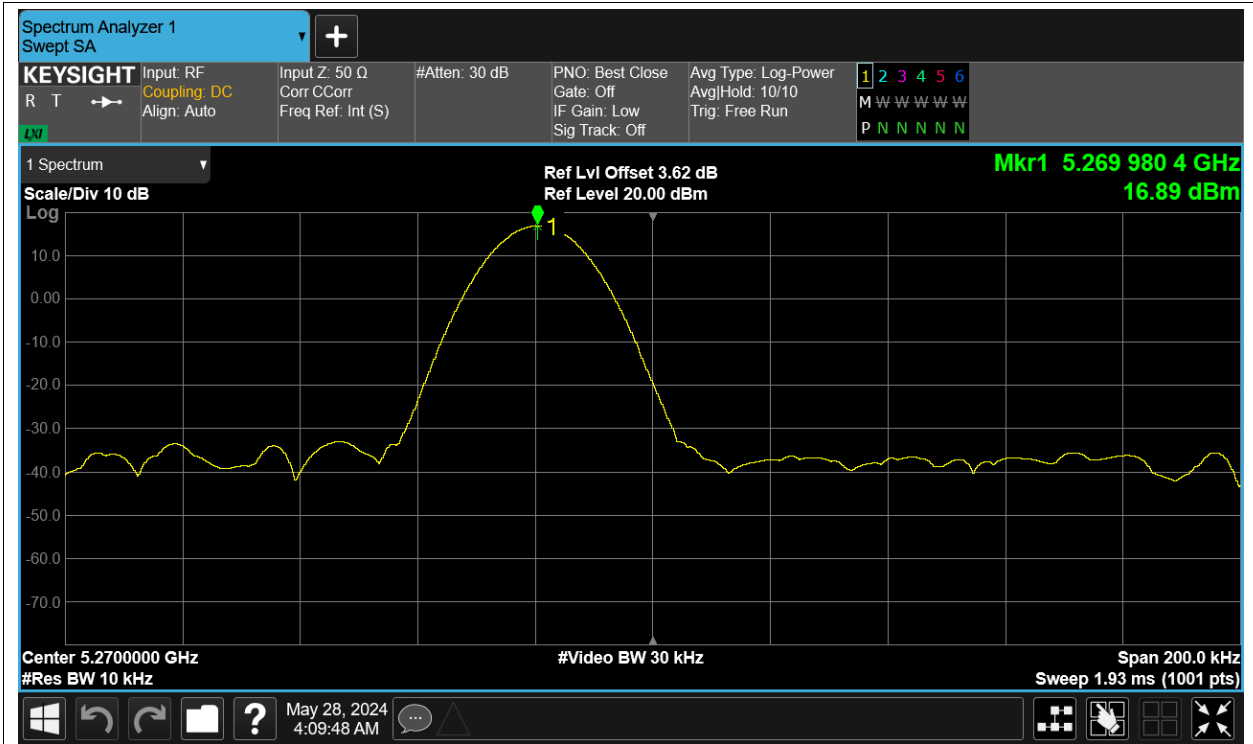
Freq. Stability HVNT n40 5270MHz Ant12



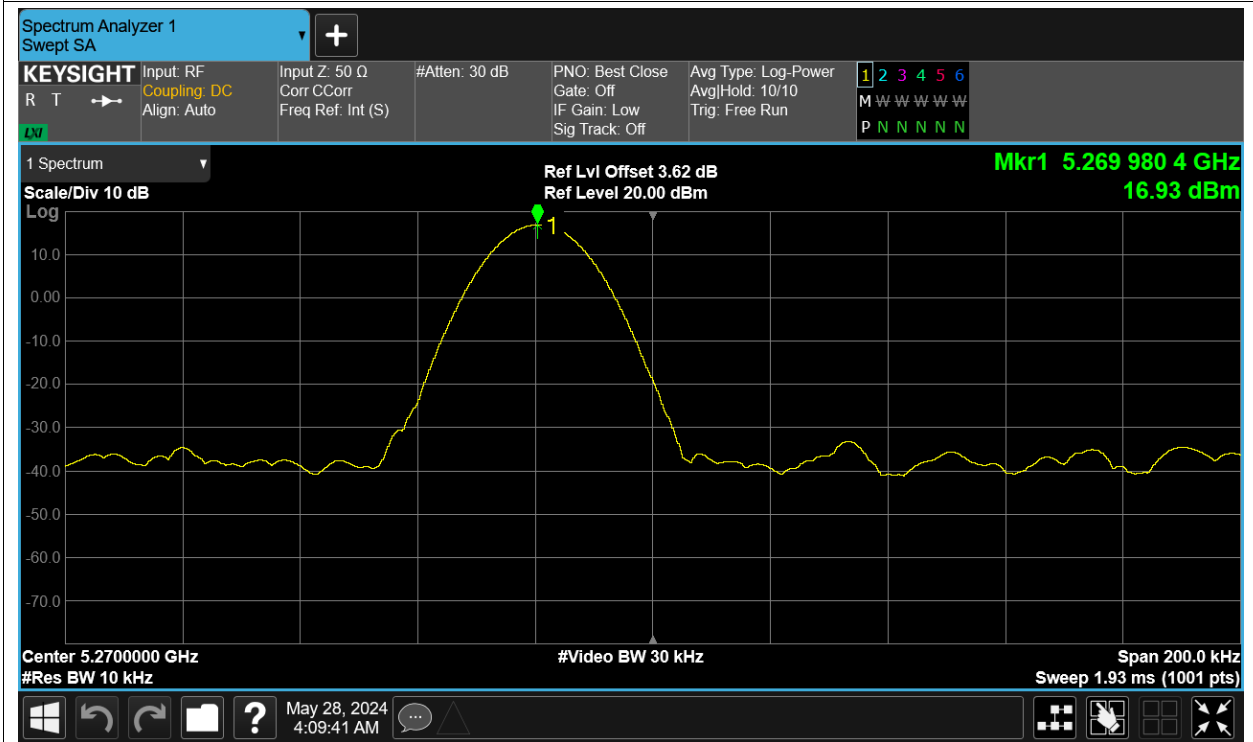
Freq. Stability LVNT n40 5270MHz Ant12



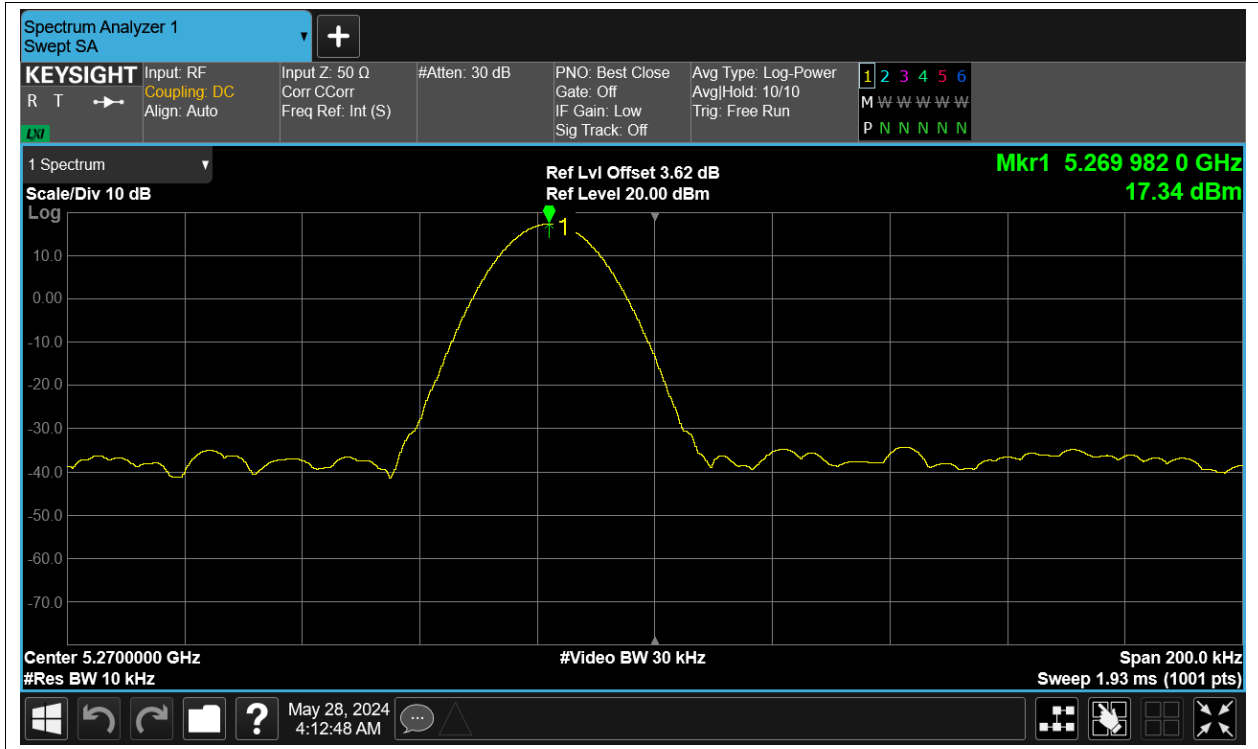
Freq. Stability NVHT n40 5270MHz Ant12



Freq. Stability NVLT n40 5270MHz Ant12



Freq. Stability NVNT n40 5270MHz Ant12

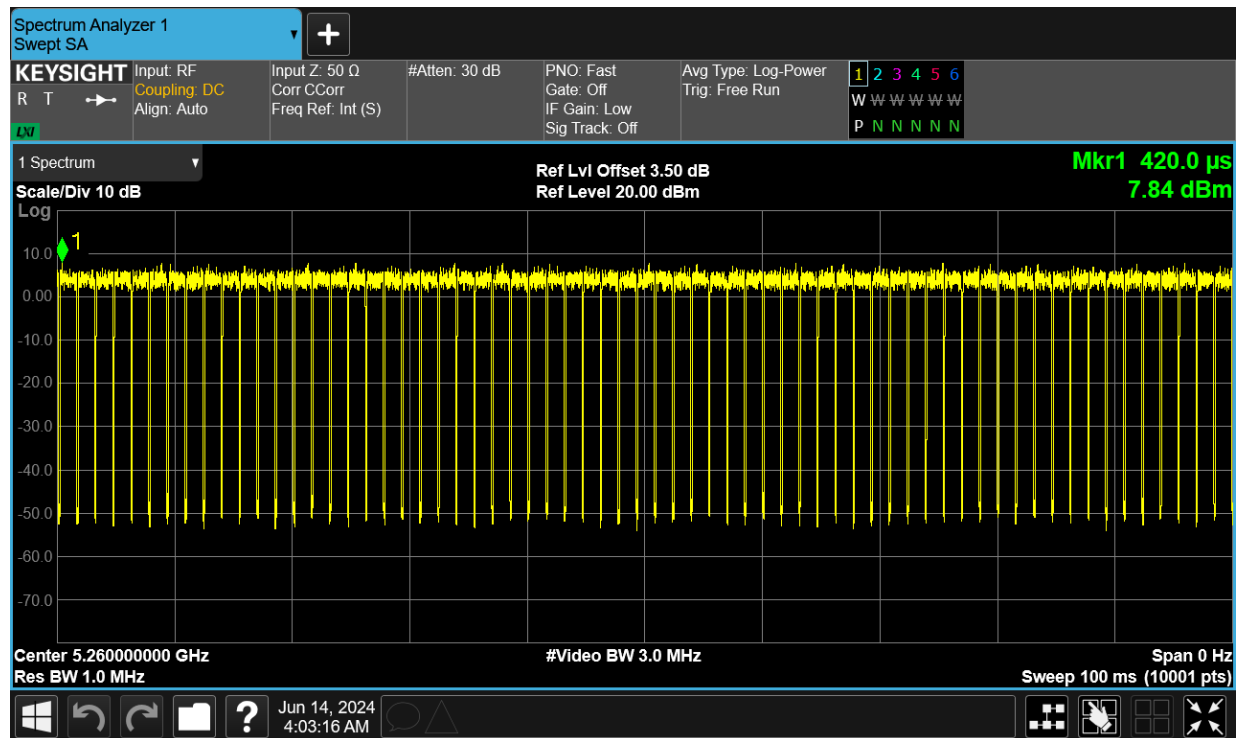


## Duty Cycle

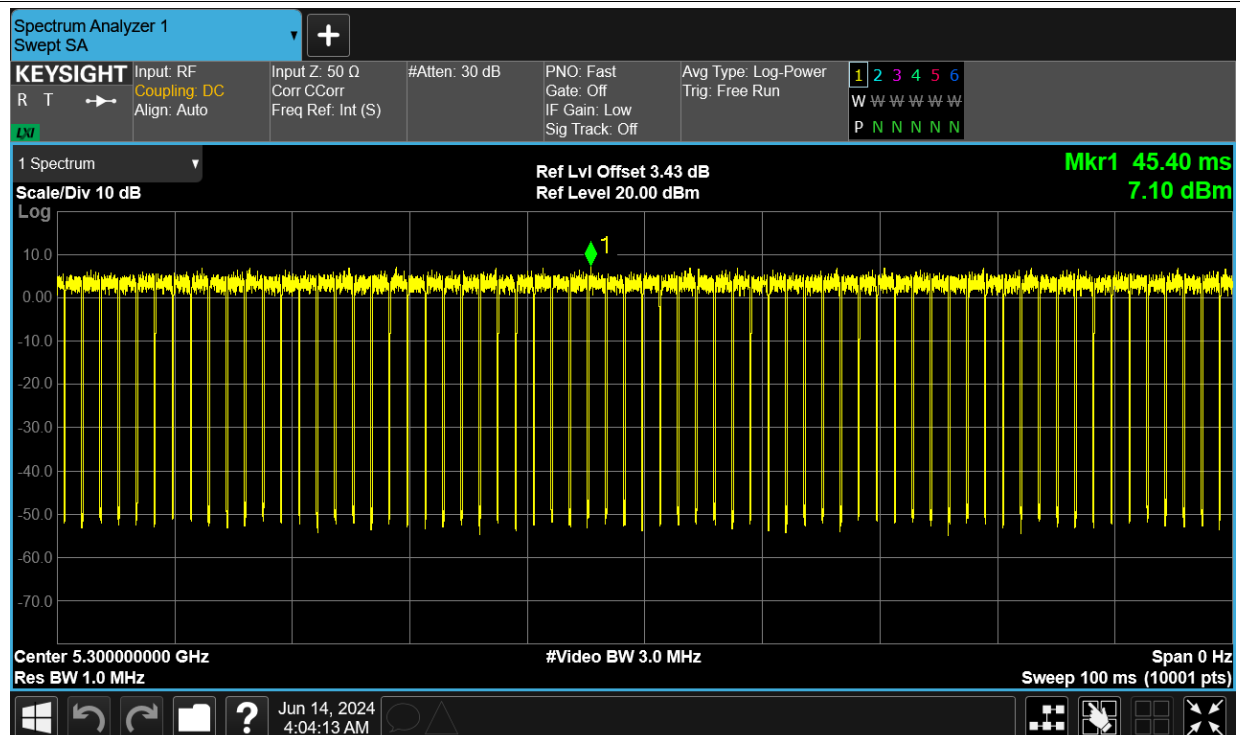
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5260            | Ant12   | 91.29          | 0.4                    |
| NVNT      | a    | 5300            | Ant12   | 91.42          | 0.39                   |
| NVNT      | a    | 5320            | Ant12   | 91.32          | 0.39                   |
| NVNT      | ac20 | 5260            | Ant12   | 89.73          | 0.47                   |
| NVNT      | ac20 | 5300            | Ant12   | 89.66          | 0.47                   |
| NVNT      | ac20 | 5320            | Ant12   | 89.74          | 0.47                   |
| NVNT      | ac40 | 5270            | Ant12   | 81.61          | 0.88                   |
| NVNT      | ac40 | 5310            | Ant12   | 81.08          | 0.91                   |
| NVNT      | ac80 | 5290            | Ant12   | 69.72          | 1.57                   |
| NVNT      | n20  | 5260            | Ant12   | 89.75          | 0.47                   |
| NVNT      | n20  | 5300            | Ant12   | 89.78          | 0.47                   |
| NVNT      | n20  | 5320            | Ant12   | 89.94          | 0.46                   |
| NVNT      | n40  | 5270            | Ant12   | 82.12          | 0.86                   |
| NVNT      | n40  | 5310            | Ant12   | 81.65          | 0.88                   |

Test Graphs

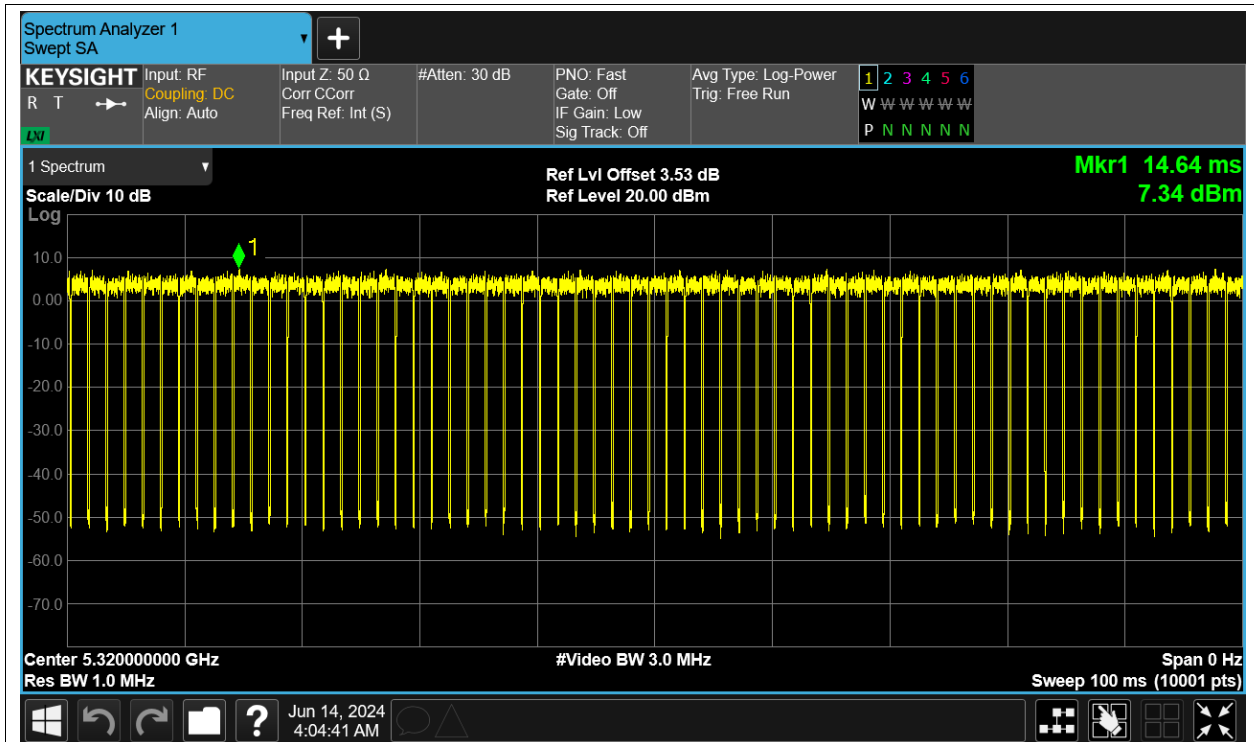
Duty Cycle NVNT a 5260MHz Ant12



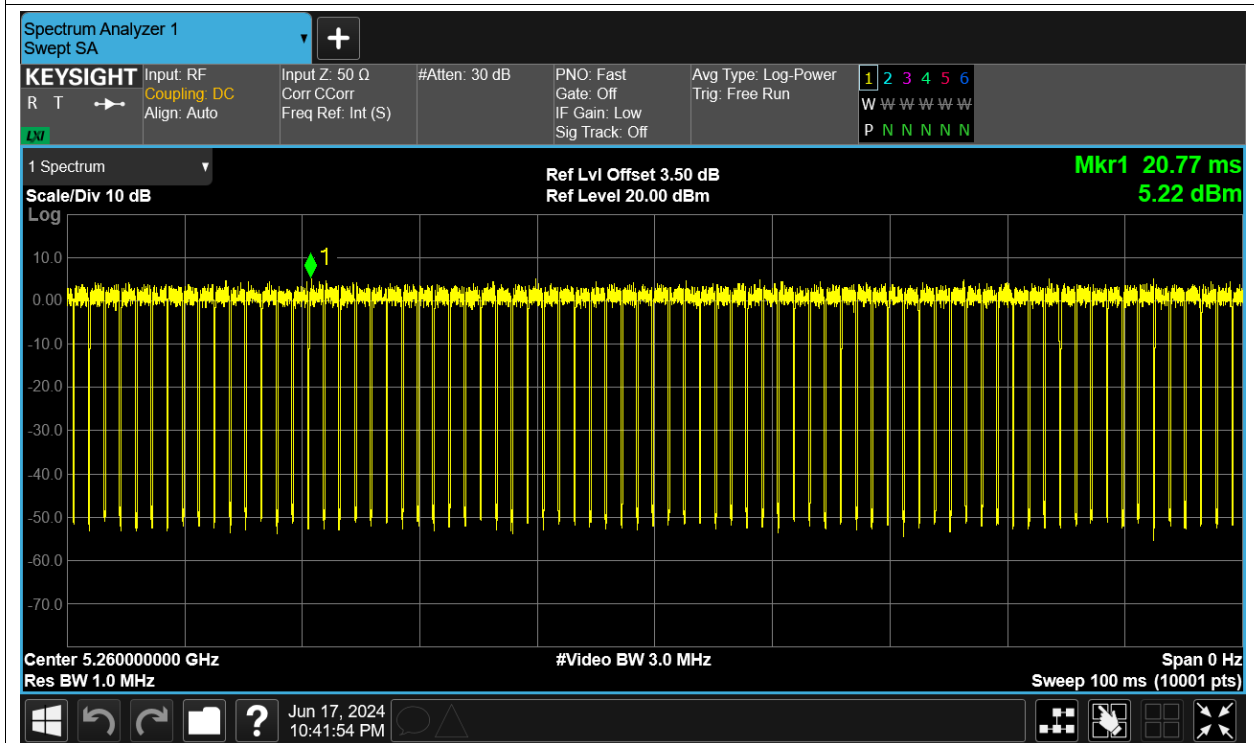
Duty Cycle NVNT a 5300MHz Ant12



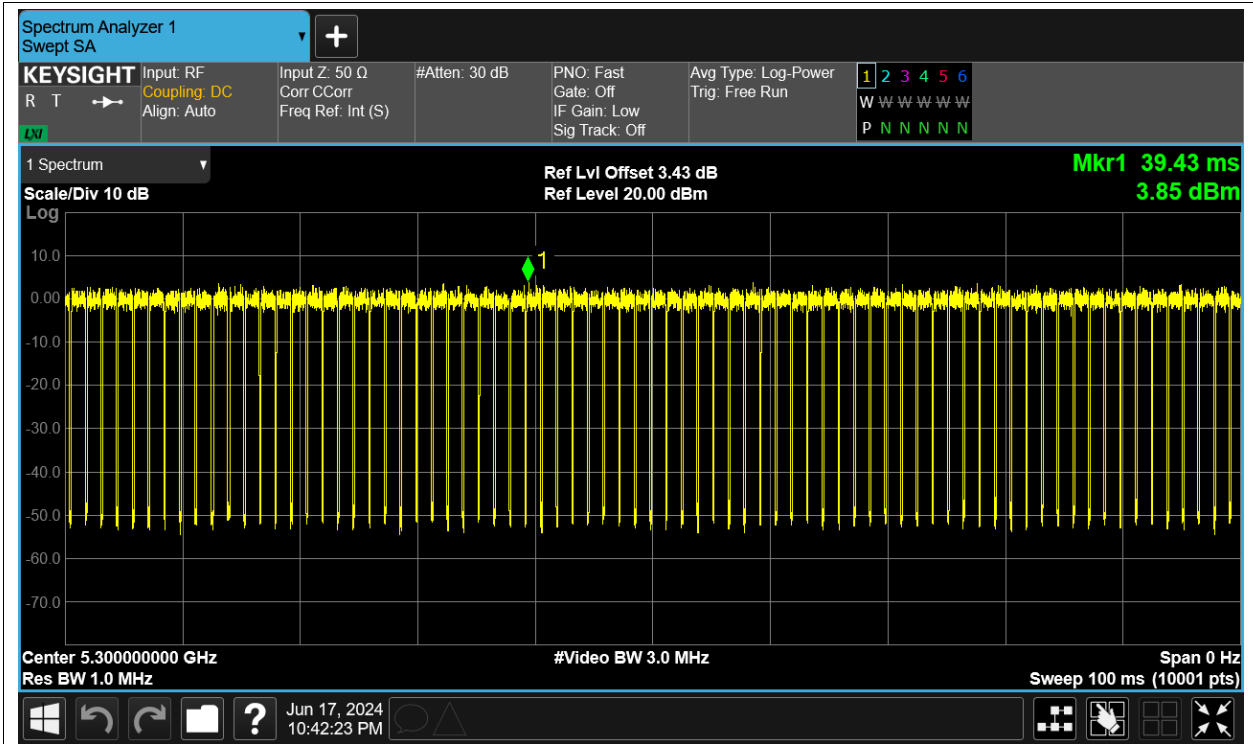
Duty Cycle NVNT a 5320MHz Ant12



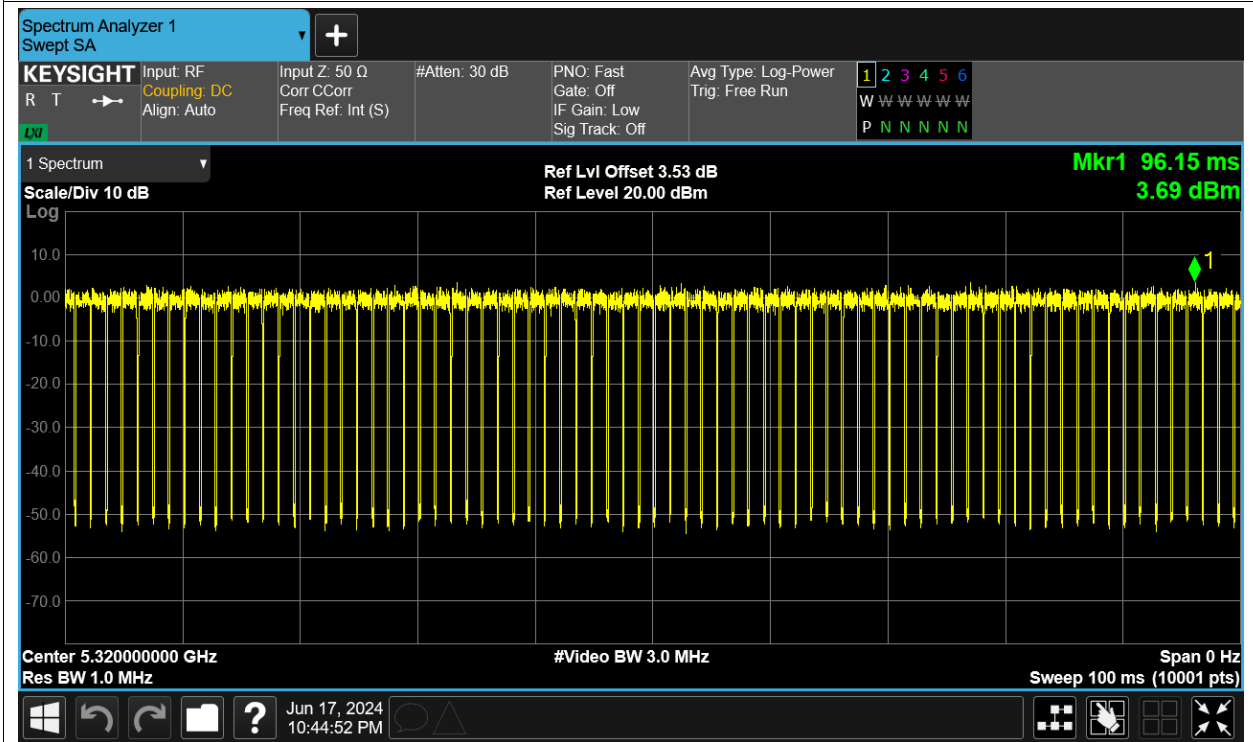
Duty Cycle NVNT ac20 5260MHz Ant12



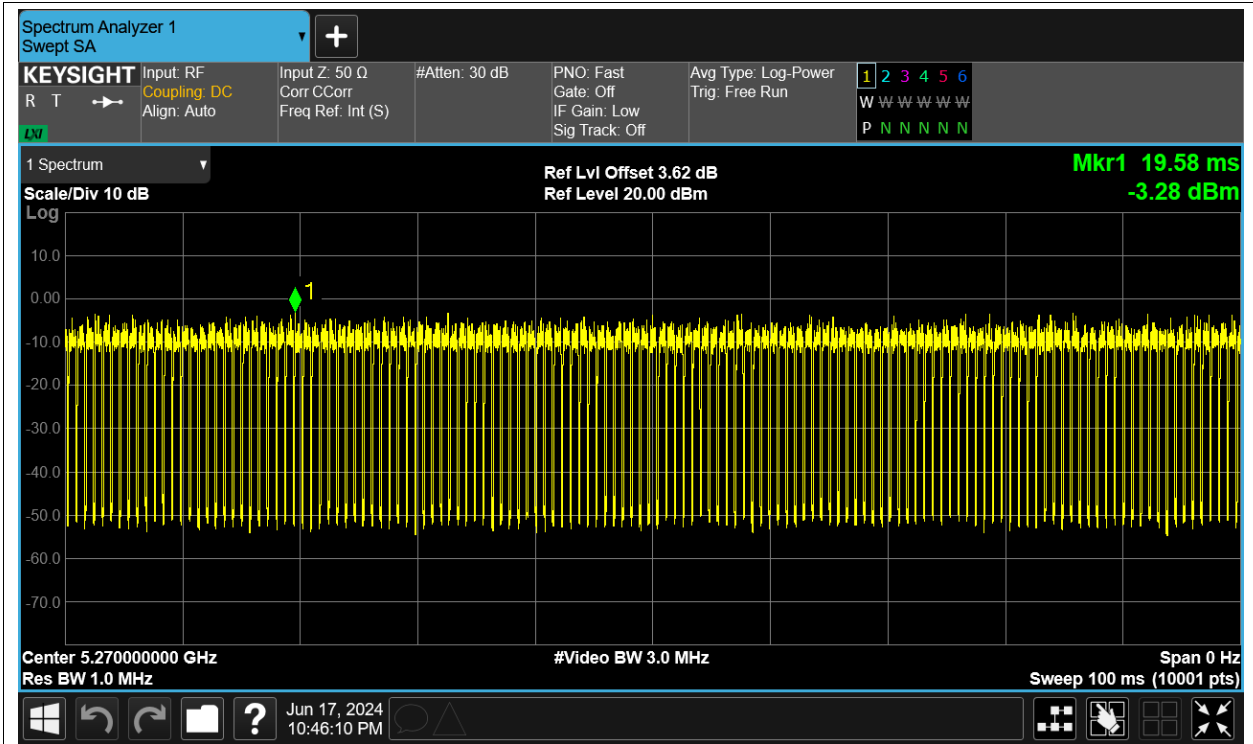
Duty Cycle NVNT ac20 5300MHz Ant12



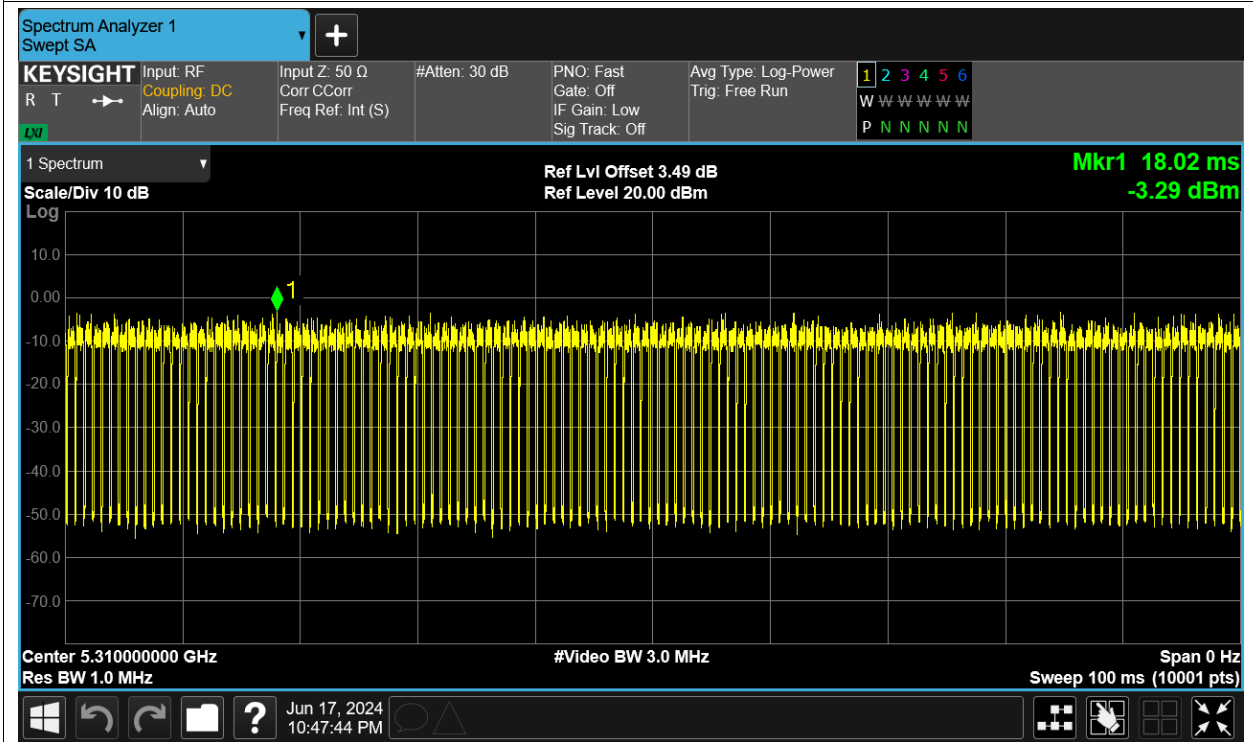
Duty Cycle NVNT ac20 5320MHz Ant12



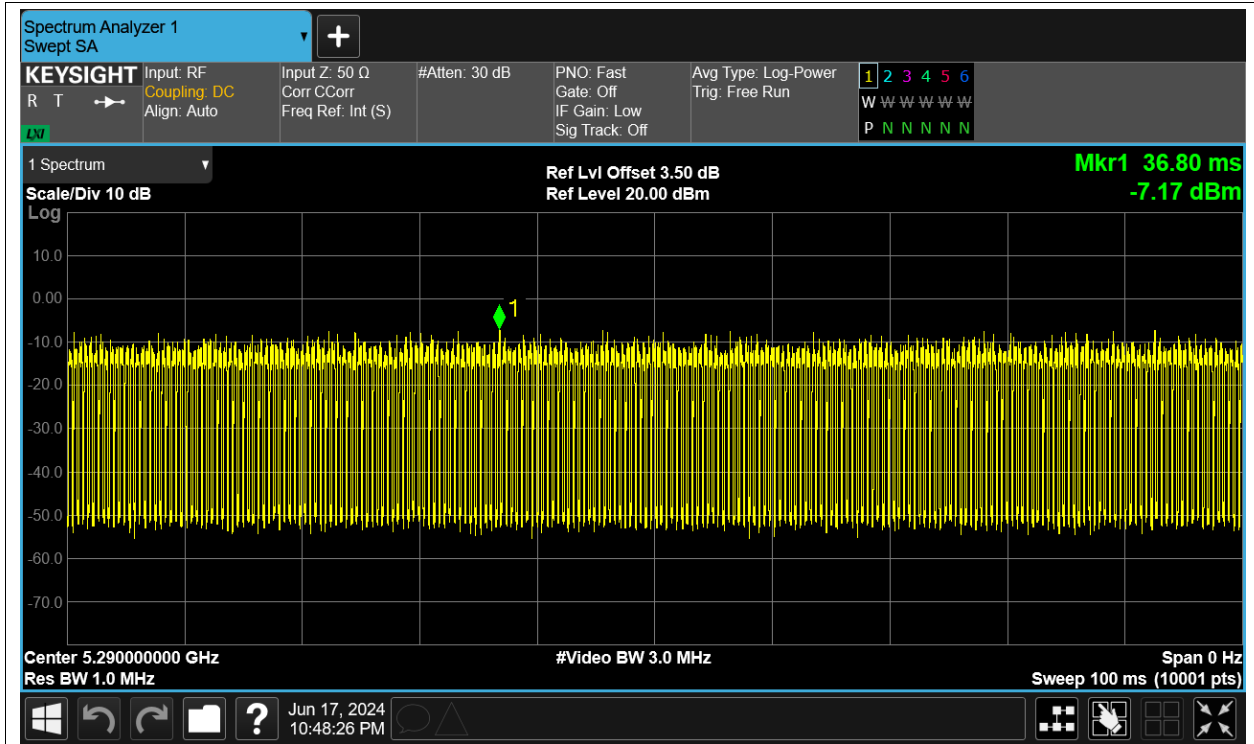
Duty Cycle NVNT ac40 5270MHz Ant12



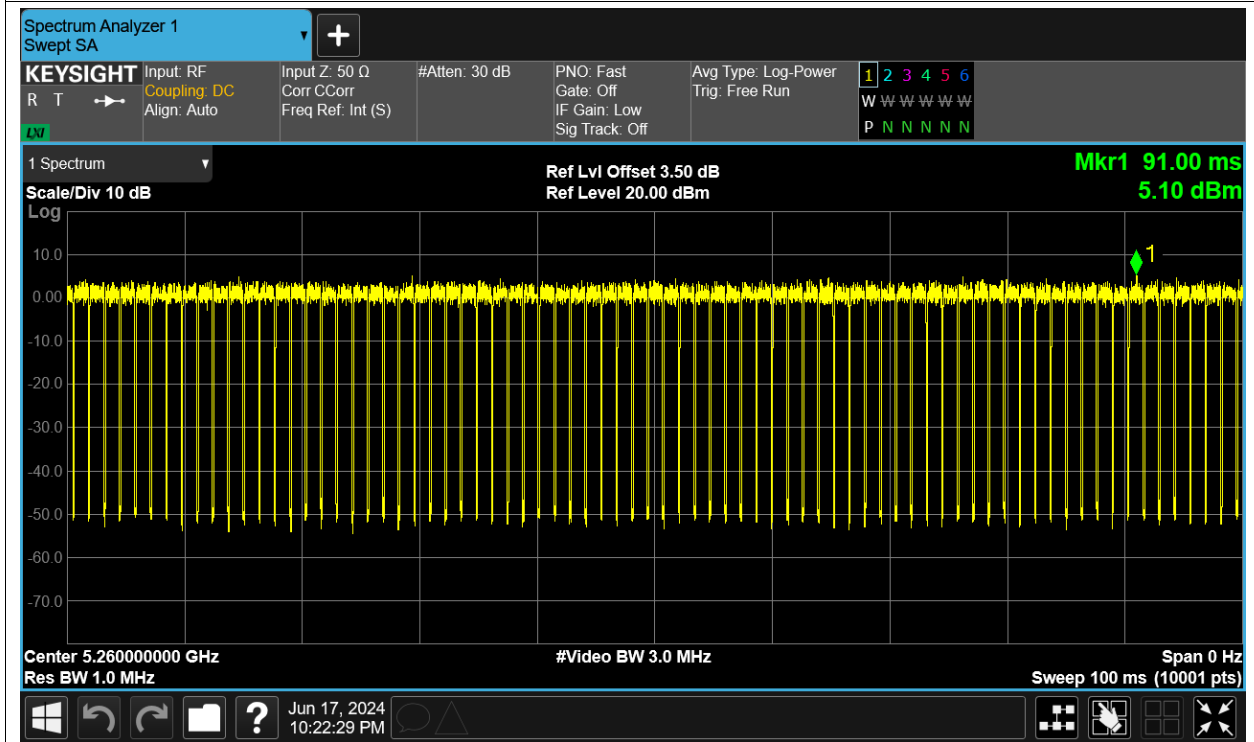
Duty Cycle NVNT ac40 5310MHz Ant12



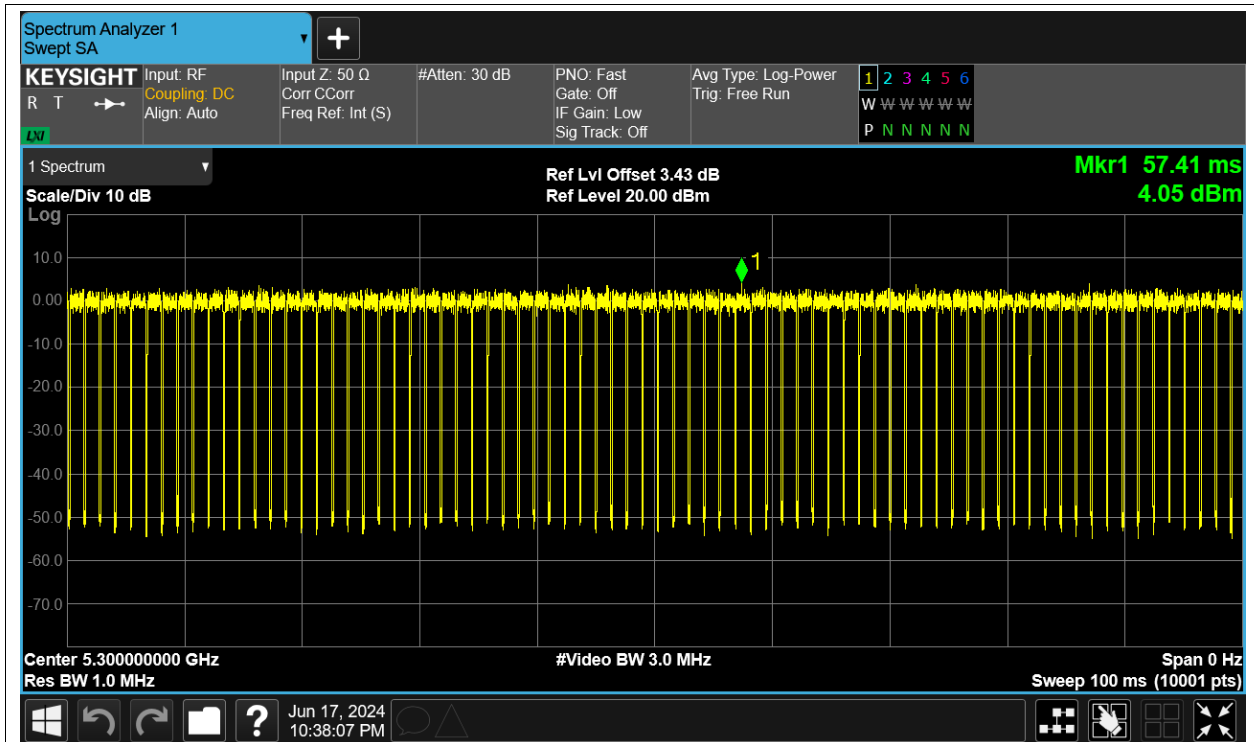
Duty Cycle NVNT ac80 5290MHz Ant12



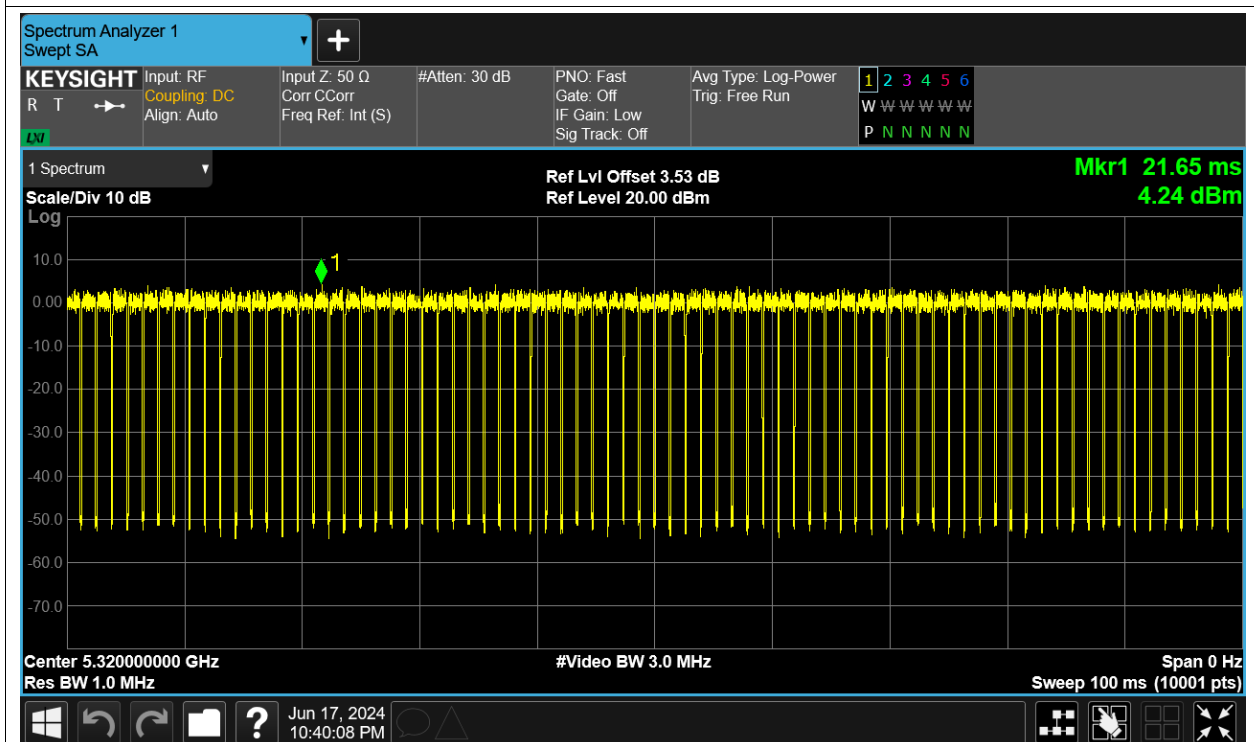
Duty Cycle NVNT n20 5260MHz Ant12



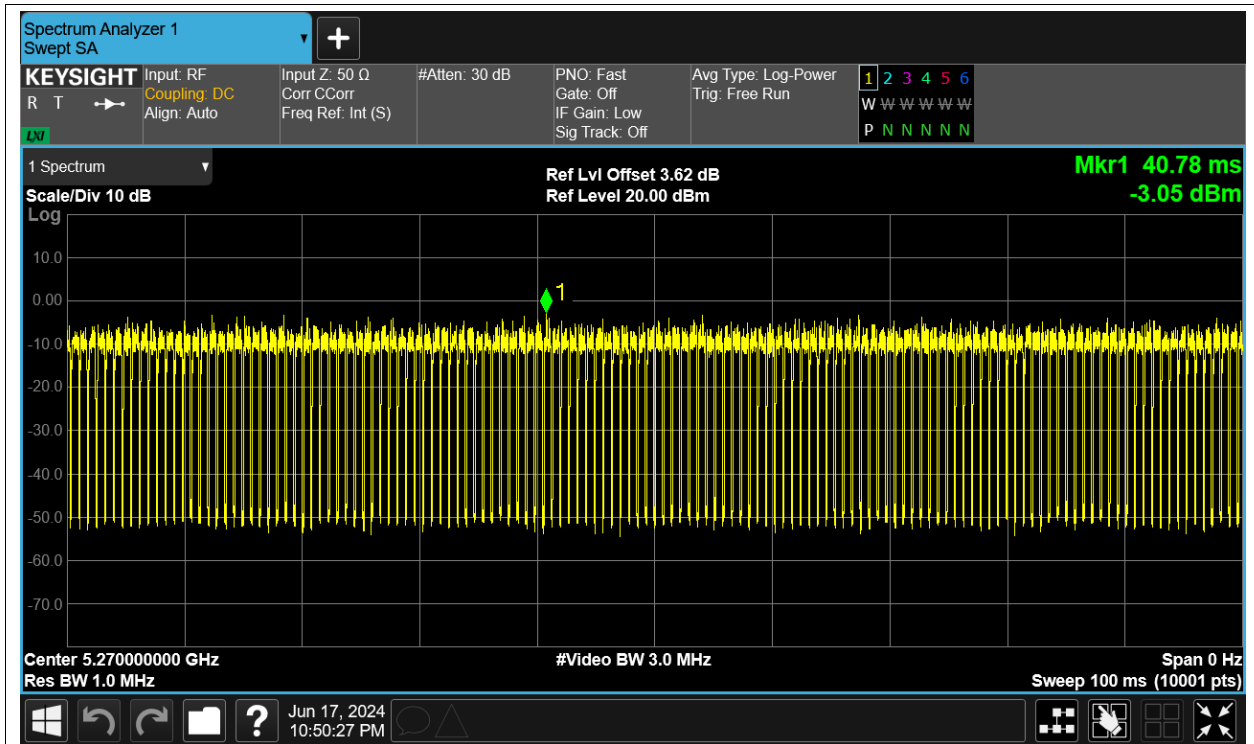
Duty Cycle NVNT n20 5300MHz Ant12



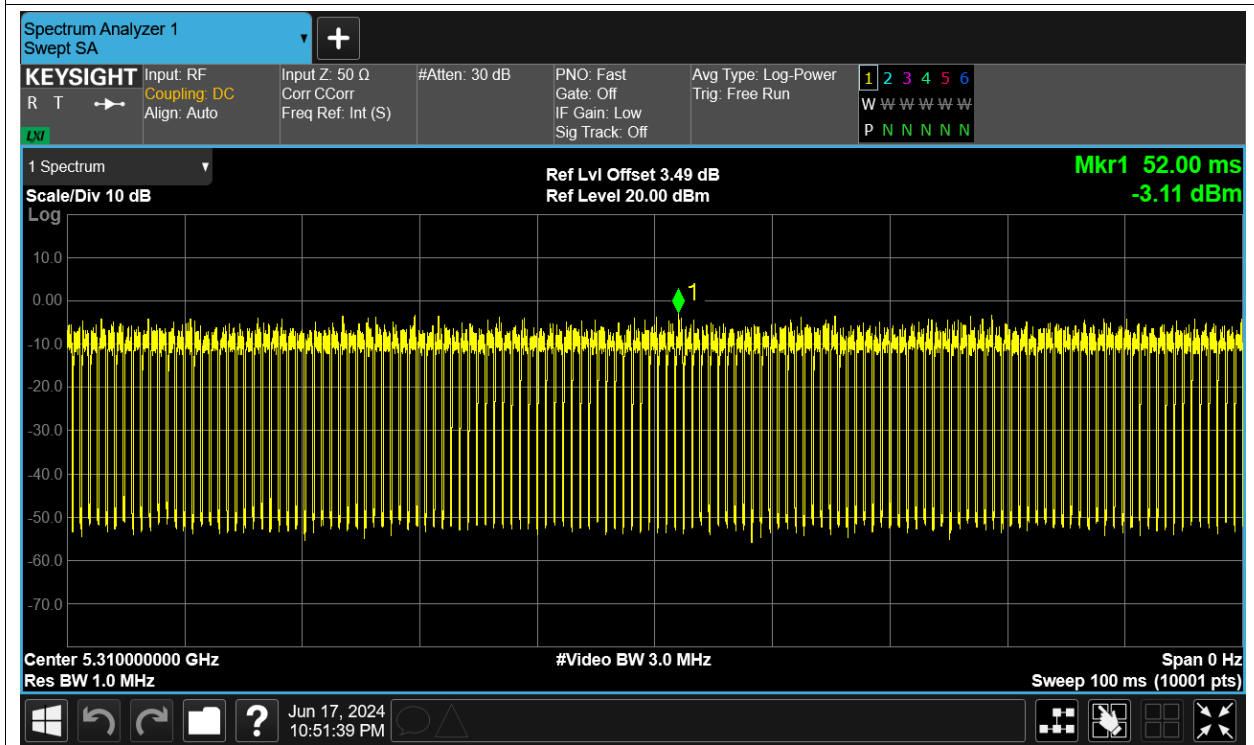
Duty Cycle NVNT n20 5320MHz Ant12



Duty Cycle NVNT n40 5270MHz Ant12



Duty Cycle NVNT n40 5310MHz Ant12



## Maximum Conducted Output Power

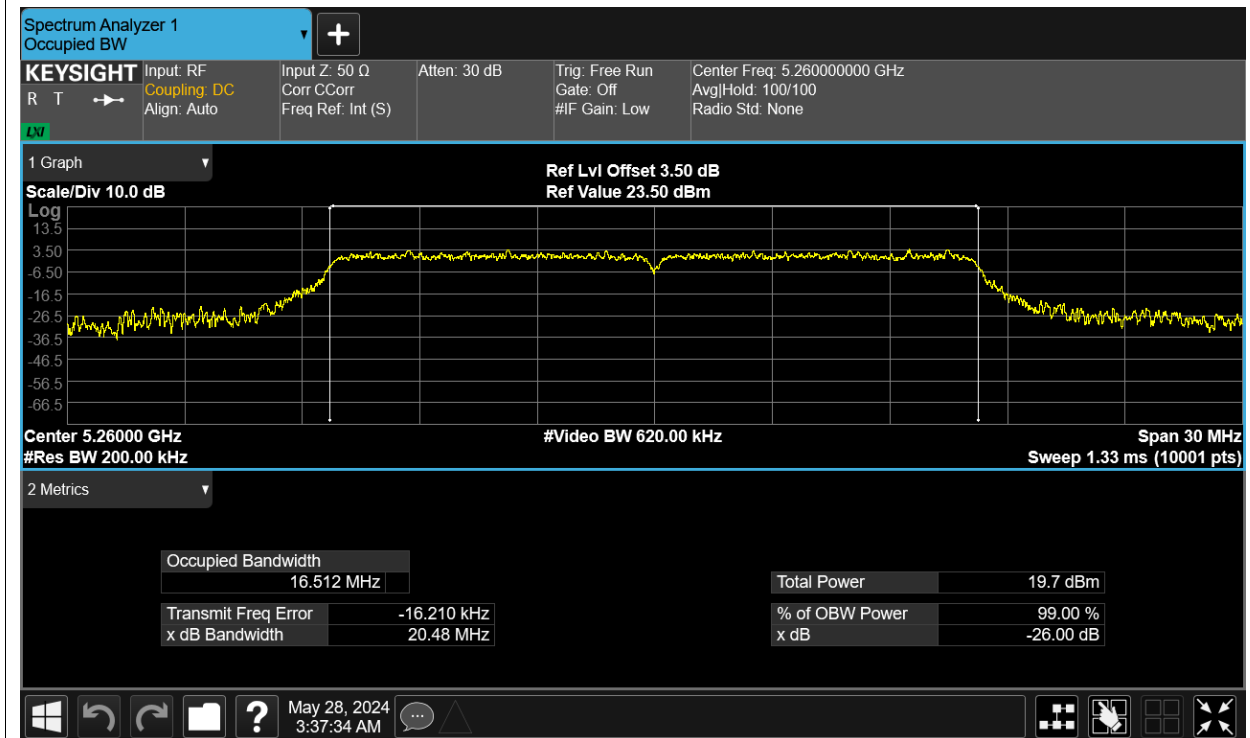
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5260               | Ant12   | 12.15                    | 0.4                 | 12.55                | 24             | Pass    |
| NVNT      | a    | 5300               | Ant12   | 12.2                     | 0.39                | 12.59                | 24             | Pass    |
| NVNT      | a    | 5320               | Ant12   | 12.28                    | 0.39                | 12.67                | 24             | Pass    |
| NVNT      | ac20 | 5260               | Ant12   | 9.55                     | 0.47                | 10.02                | 24             | Pass    |
| NVNT      | ac20 | 5300               | Ant12   | 8.91                     | 0.47                | 9.38                 | 24             | Pass    |
| NVNT      | ac20 | 5320               | Ant12   | 8.78                     | 0.47                | 9.25                 | 24             | Pass    |
| NVNT      | ac40 | 5270               | Ant12   | 5.82                     | 0.88                | 6.7                  | 24             | Pass    |
| NVNT      | ac40 | 5310               | Ant12   | 5.98                     | 0.91                | 6.89                 | 24             | Pass    |
| NVNT      | ac80 | 5290               | Ant12   | 5.15                     | 1.57                | 6.72                 | 24             | Pass    |
| NVNT      | n20  | 5260               | Ant12   | 9.31                     | 0.47                | 9.78                 | 24             | Pass    |
| NVNT      | n20  | 5300               | Ant12   | 9.43                     | 0.47                | 9.9                  | 24             | Pass    |
| NVNT      | n20  | 5320               | Ant12   | 9.56                     | 0.46                | 10.02                | 24             | Pass    |
| NVNT      | n40  | 5270               | Ant12   | 5.7                      | 0.86                | 6.56                 | 24             | Pass    |
| NVNT      | n40  | 5310               | Ant12   | 5.99                     | 0.88                | 6.87                 | 24             | Pass    |

## Occupied Channel Bandwidth

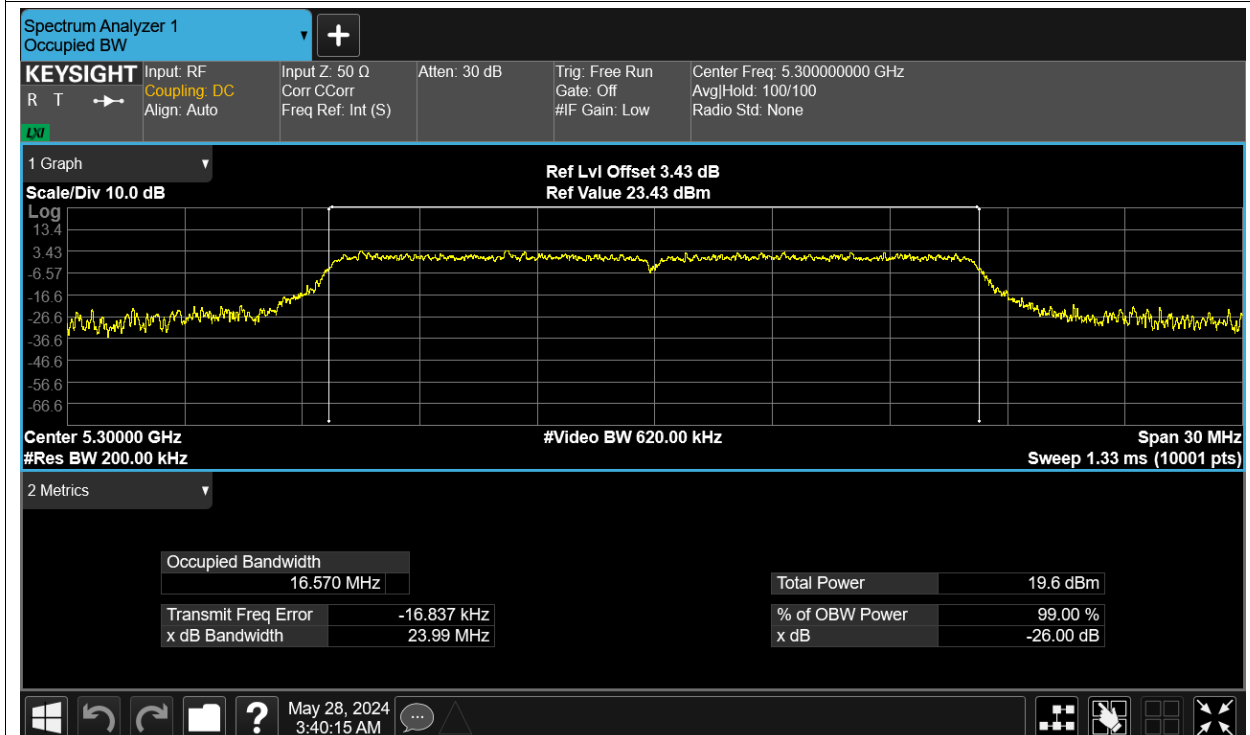
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5260            | Ant12   | 16.512        |
| NVNT      | a    | 5300            | Ant12   | 16.57         |
| NVNT      | a    | 5320            | Ant12   | 16.55         |
| NVNT      | ac20 | 5260            | Ant12   | 17.598        |
| NVNT      | ac20 | 5300            | Ant12   | 17.603        |
| NVNT      | ac20 | 5320            | Ant12   | 17.602        |
| NVNT      | ac40 | 5270            | Ant12   | 36.171        |
| NVNT      | ac40 | 5310            | Ant12   | 36.162        |
| NVNT      | ac80 | 5290            | Ant12   | 75.442        |
| NVNT      | n20  | 5260            | Ant12   | 17.615        |
| NVNT      | n20  | 5300            | Ant12   | 17.619        |
| NVNT      | n20  | 5320            | Ant12   | 17.616        |
| NVNT      | n40  | 5270            | Ant12   | 36.155        |
| NVNT      | n40  | 5310            | Ant12   | 36.165        |

## Test Graphs

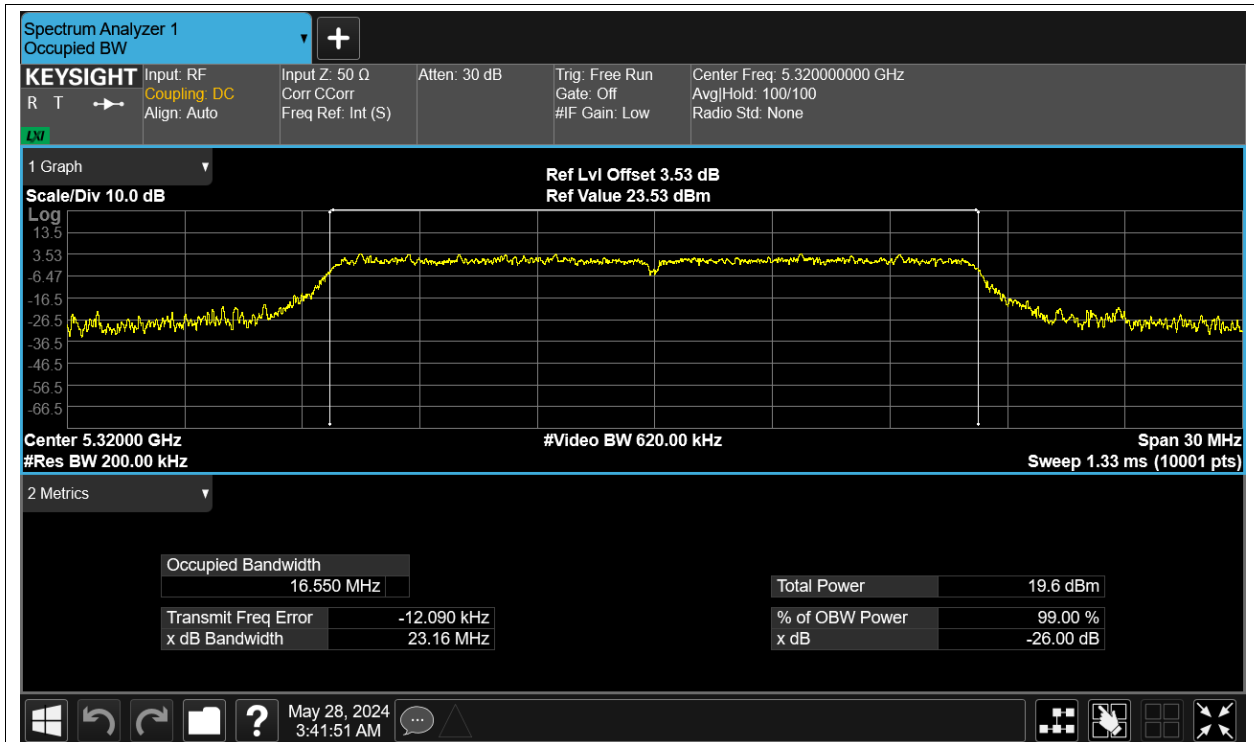
## OBW NVNT a 5260MHz Ant12



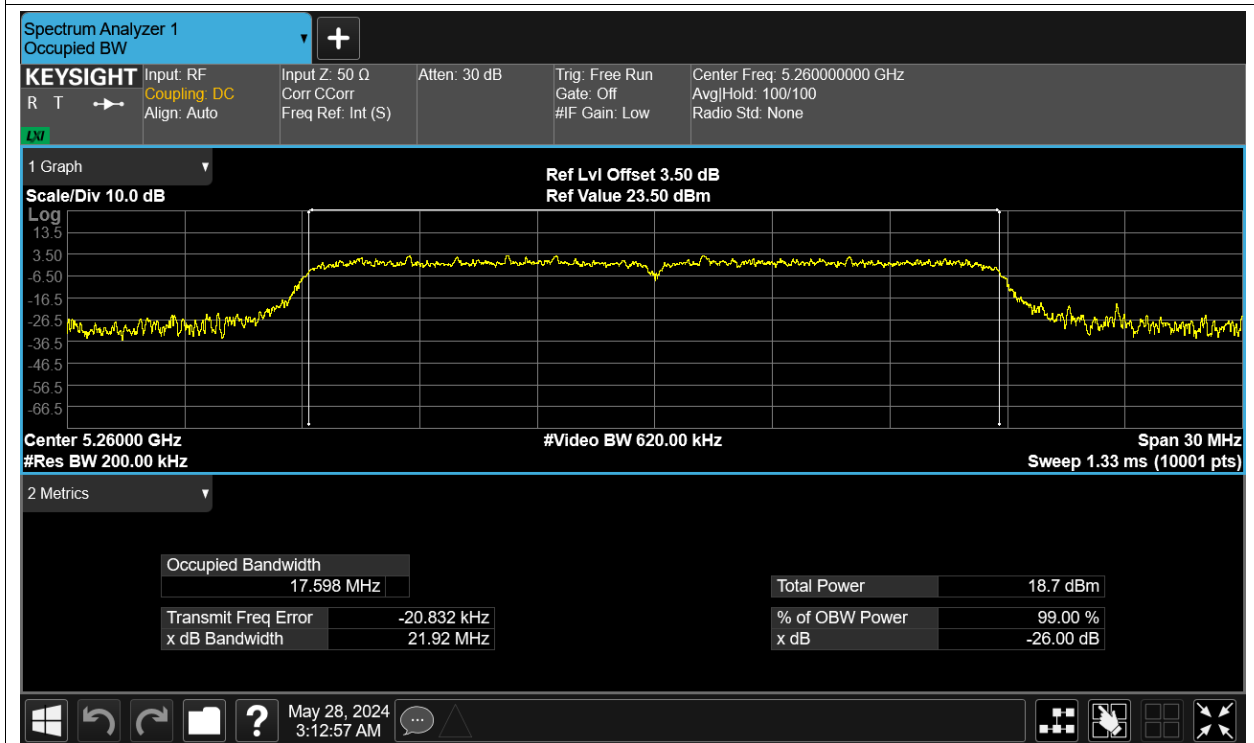
## OBW NVNT a 5300MHz Ant12



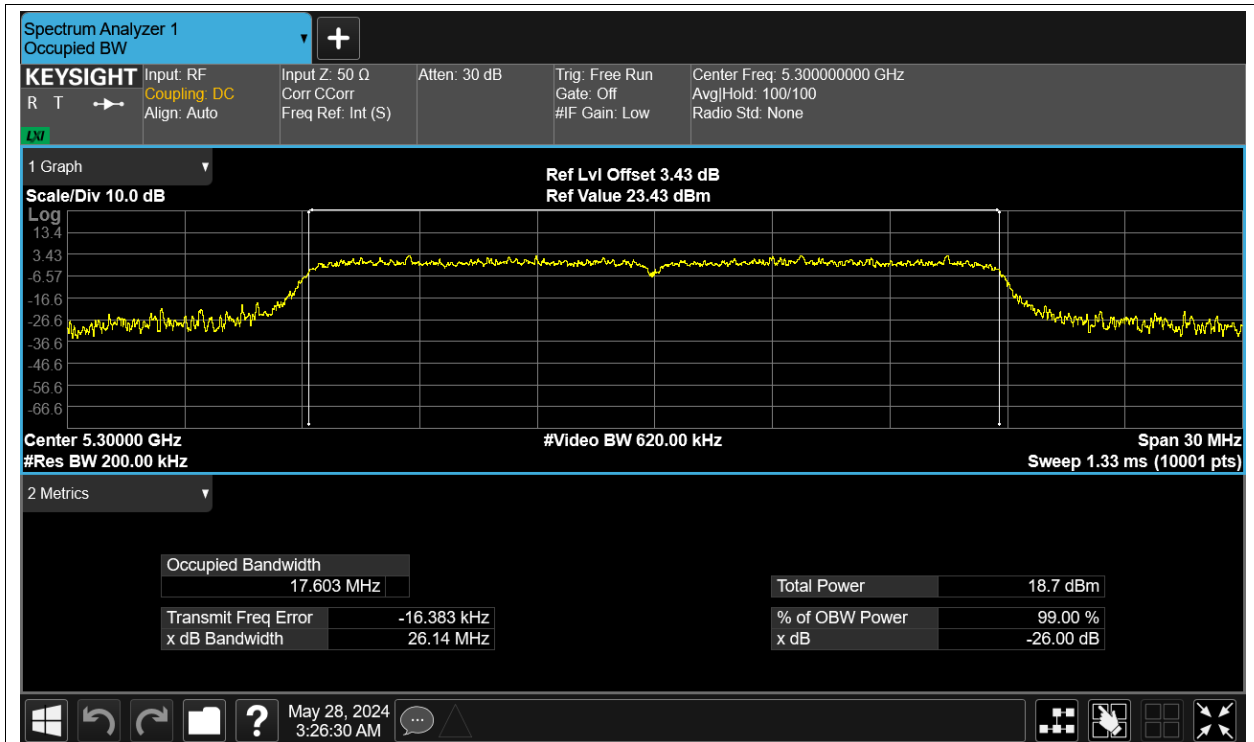
## OBW NVNT a 5320MHz Ant12



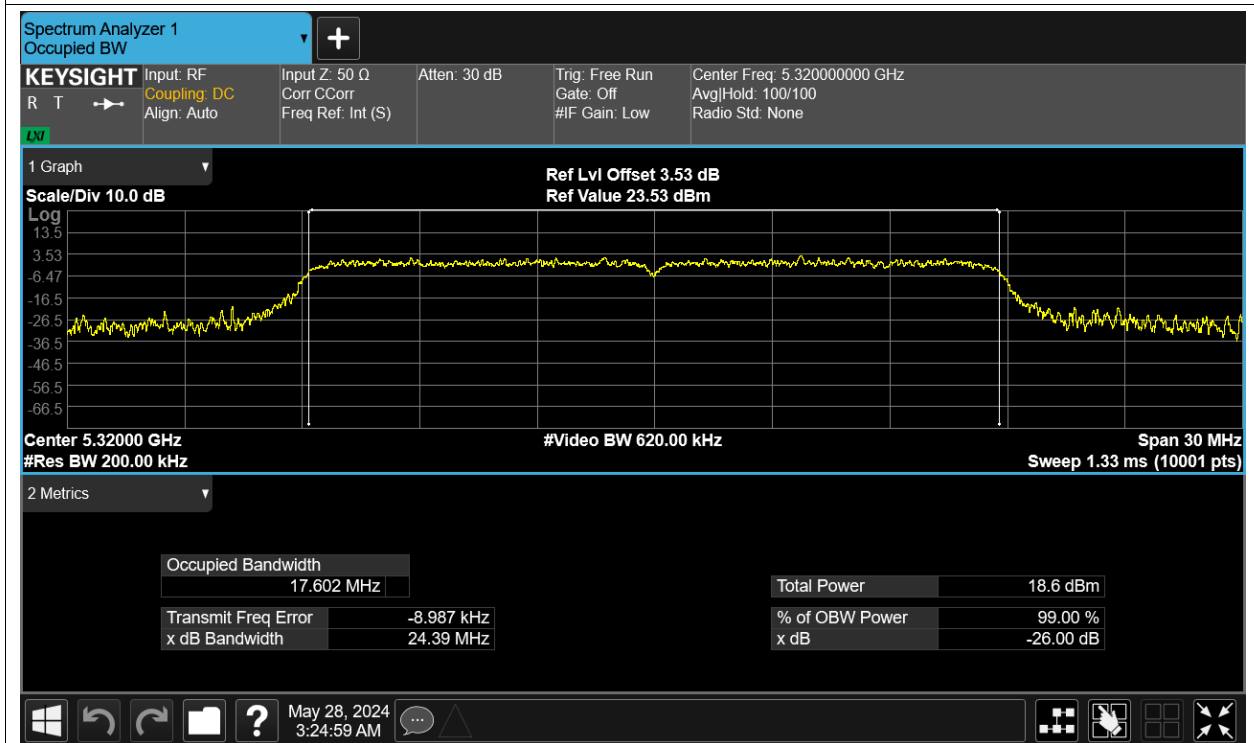
OBW NVNT ac20 5260MHz Ant12



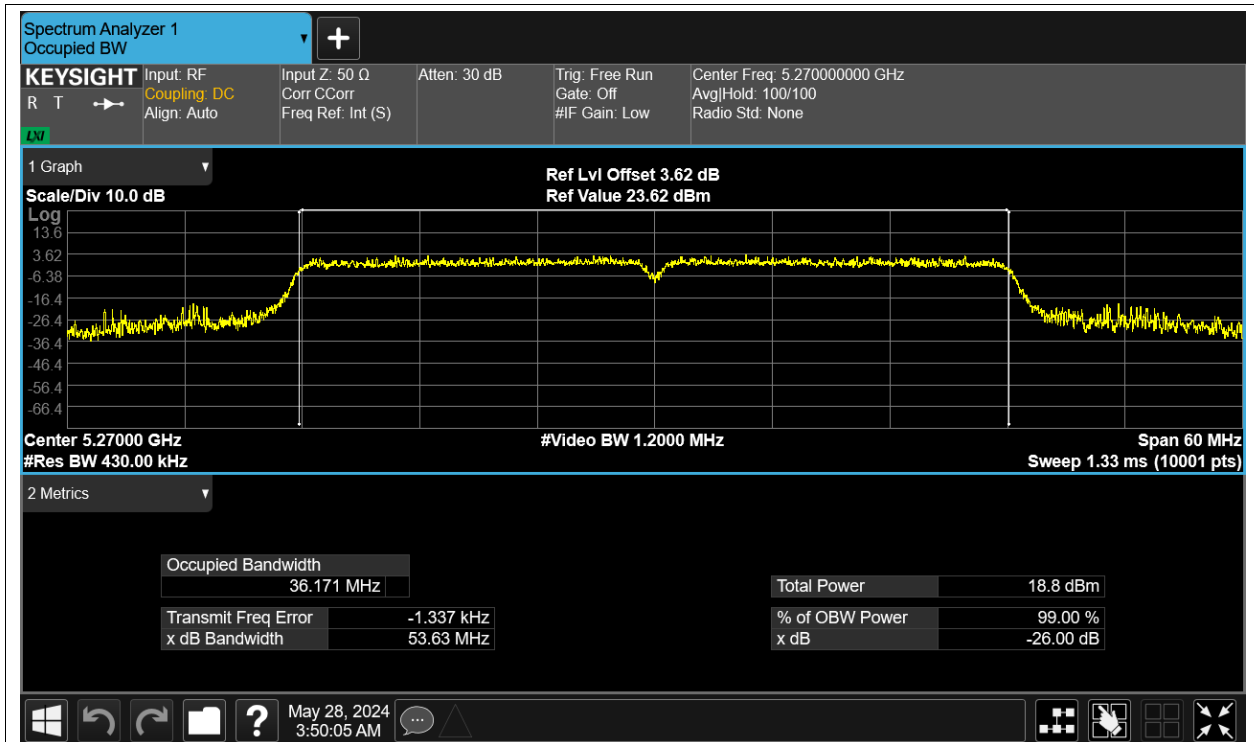
OBW NVNT ac20 5300MHz Ant12



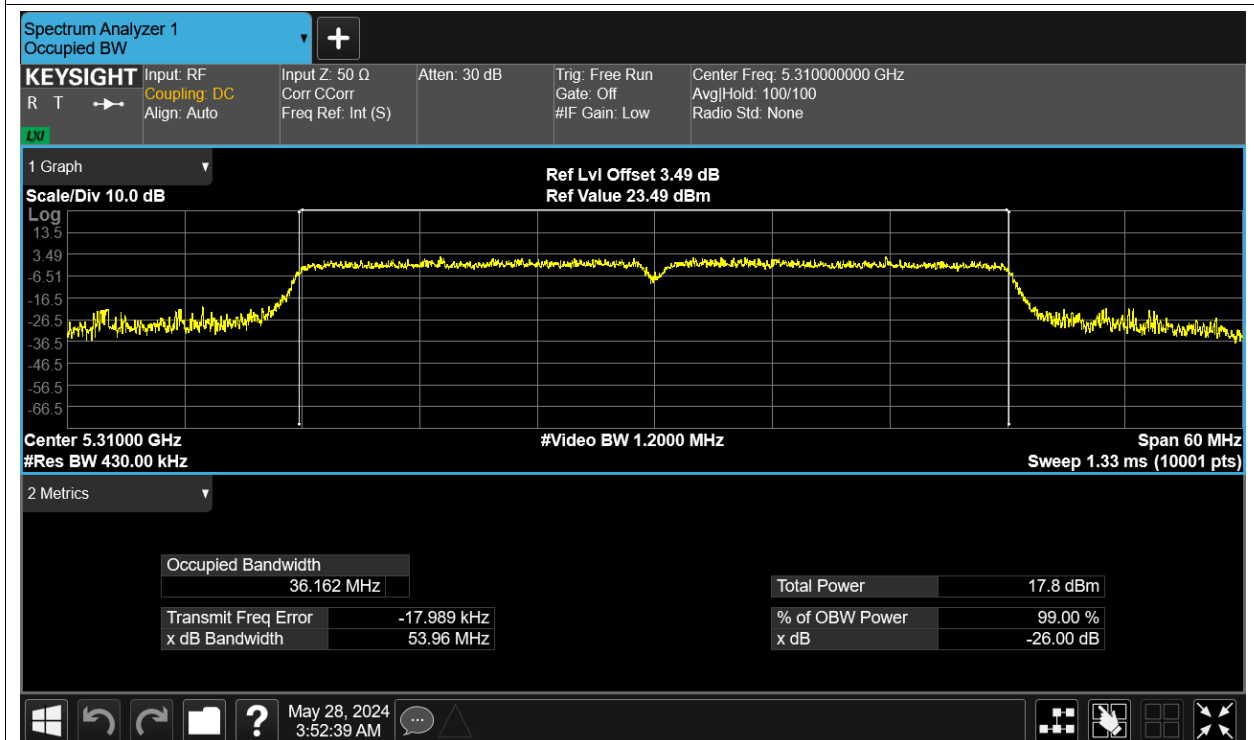
OBW NVNT ac20 5320MHz Ant12



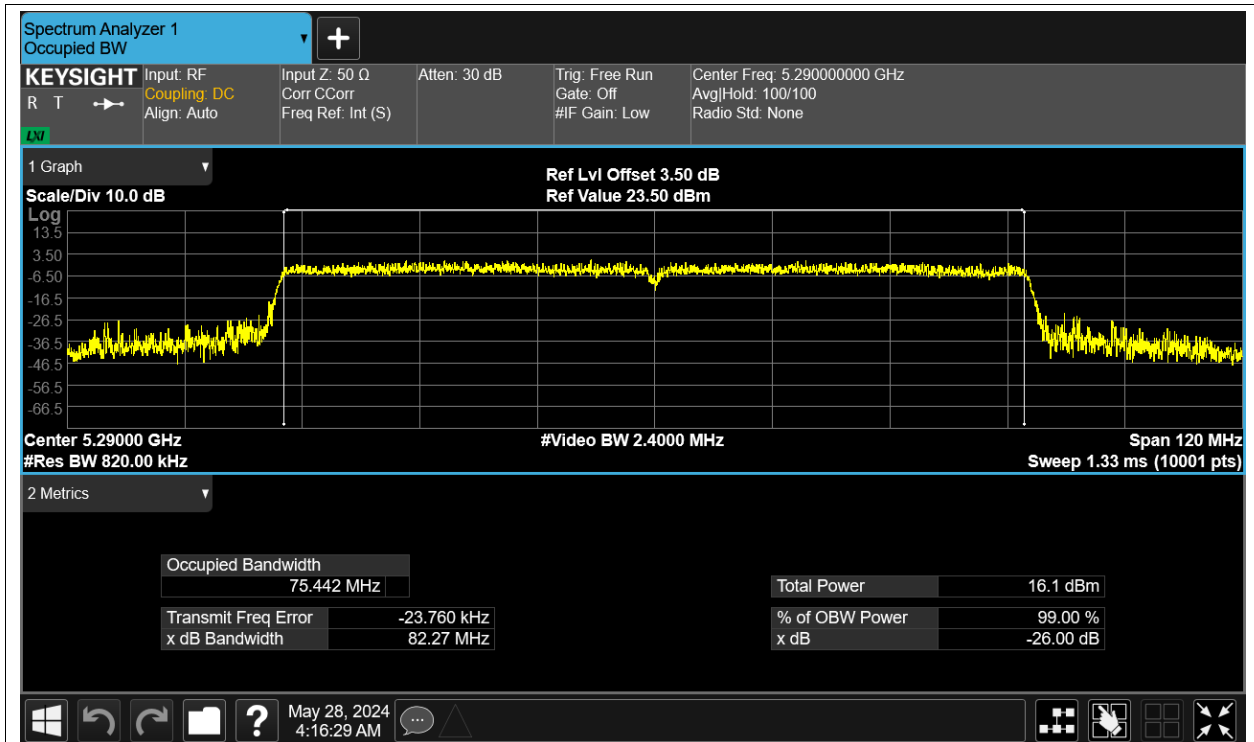
OBW NVNT ac40 5270MHz Ant12



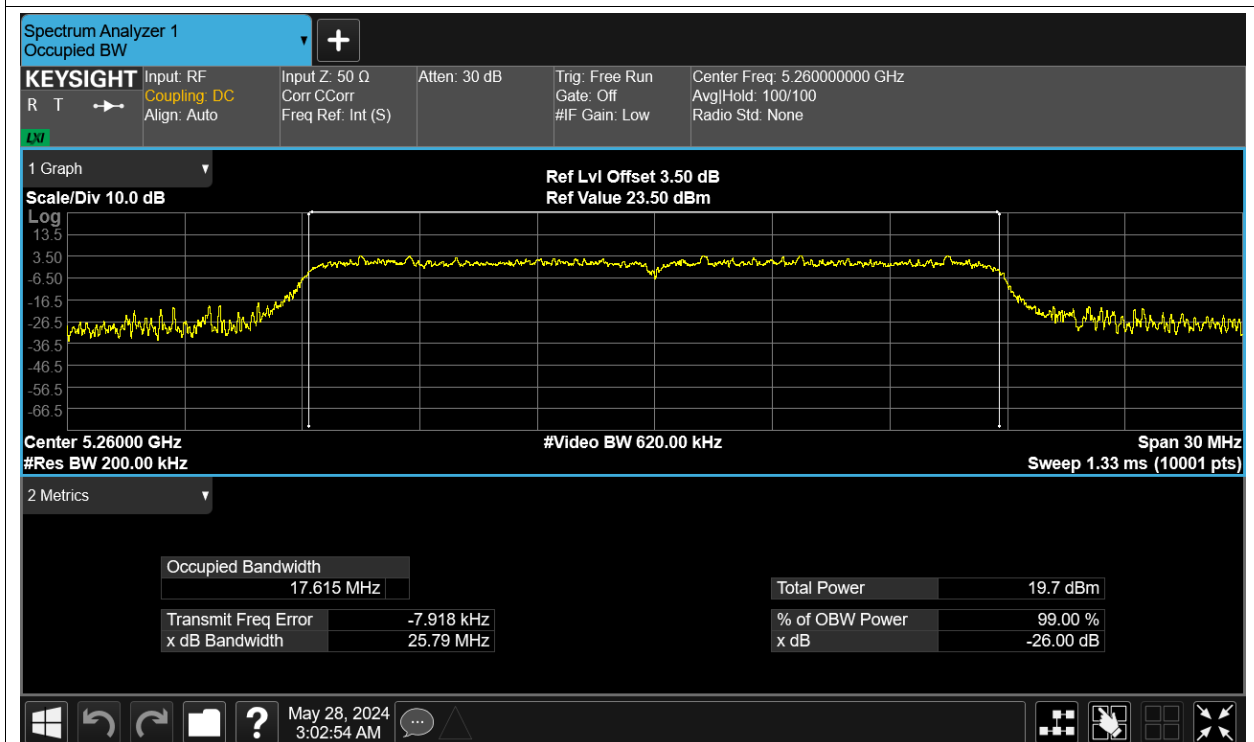
OBW NVNT ac40 5310MHz Ant12



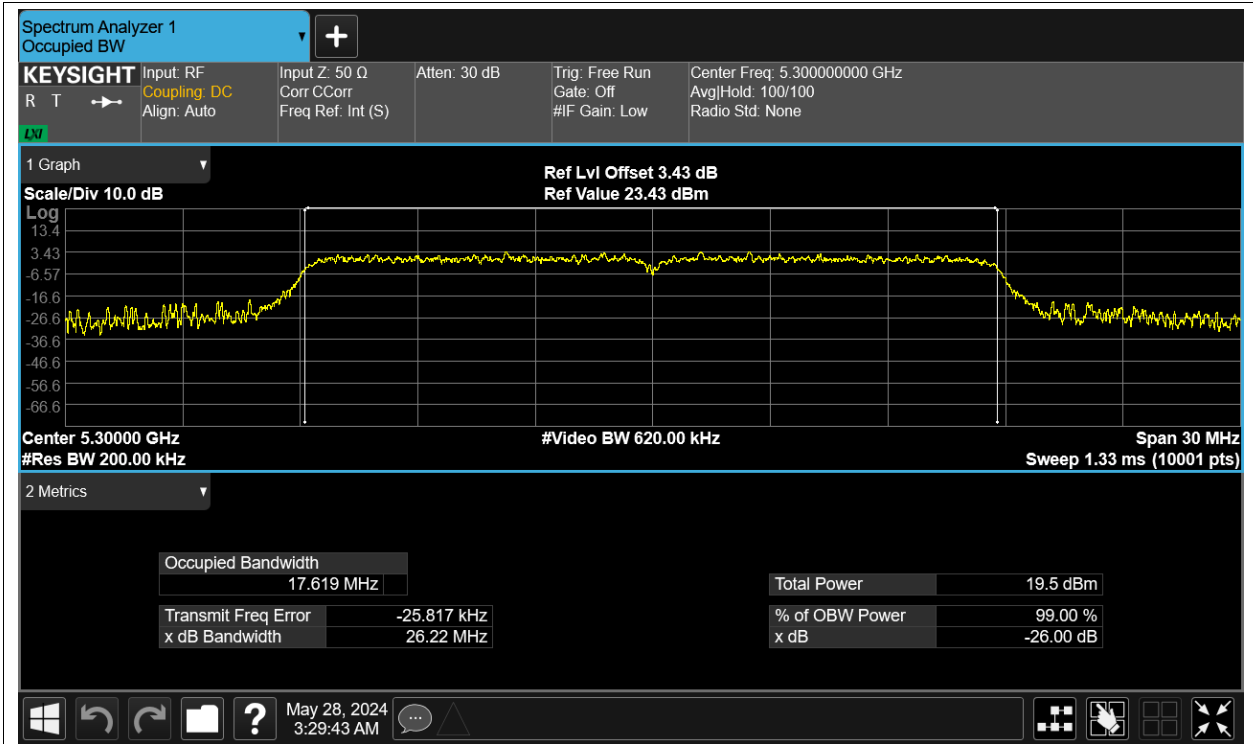
OBW NVNT ac80 5290MHz Ant12



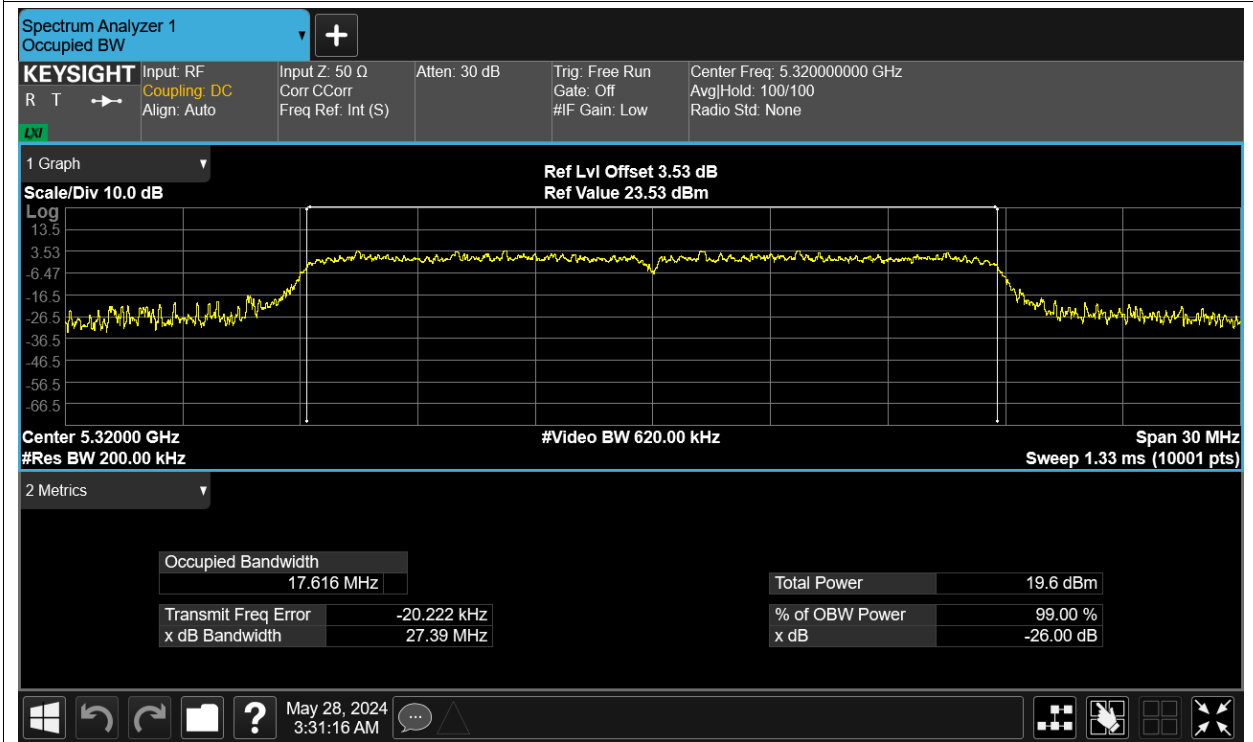
OBW NVNT n20 5260MHz Ant12



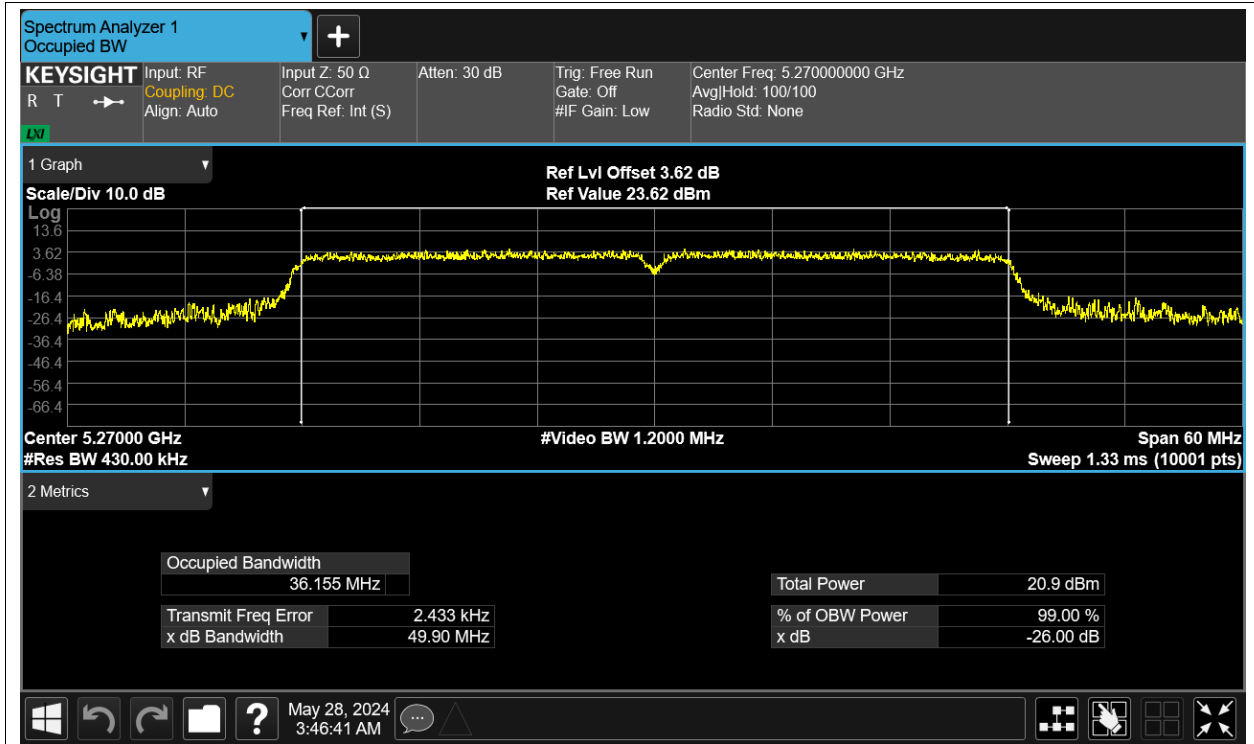
OBW NVNT n20 5300MHz Ant12



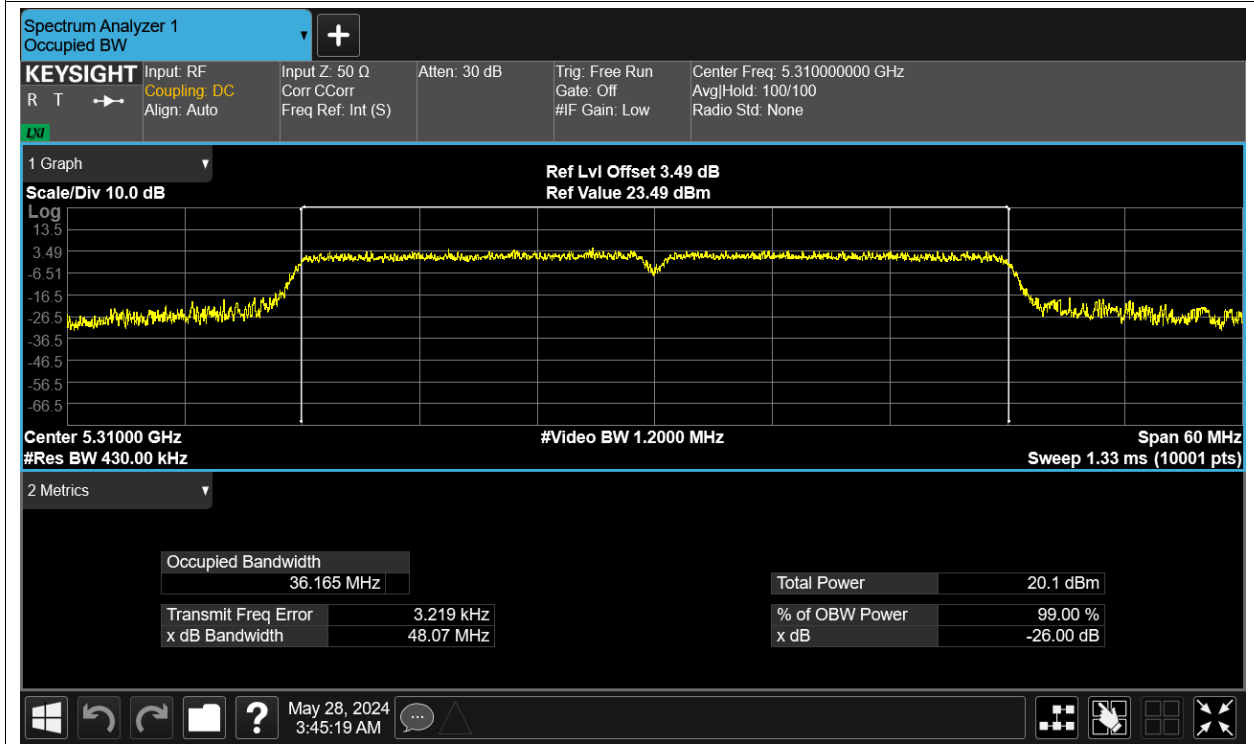
OBW NVNT n20 5320MHz Ant12



OBW NVNT n40 5270MHz Ant12



OBW NVNT n40 5310MHz Ant12

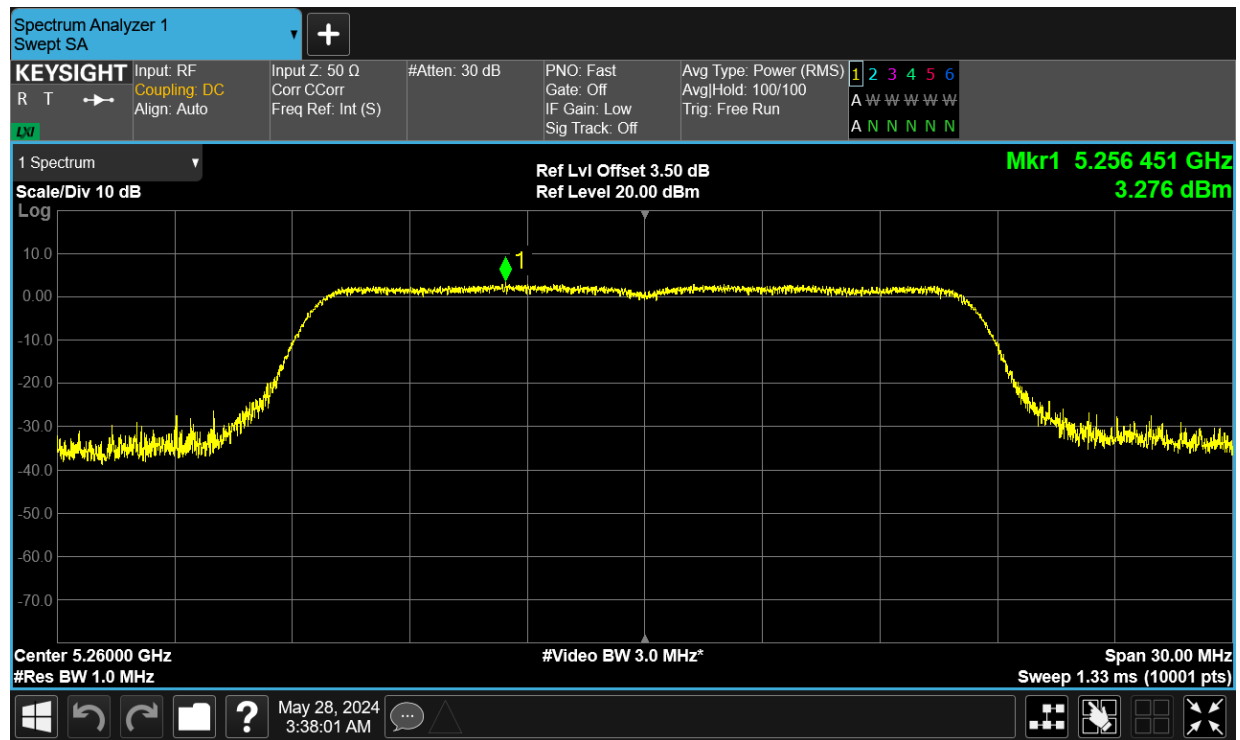


## Maximum Power Spectral Density Level

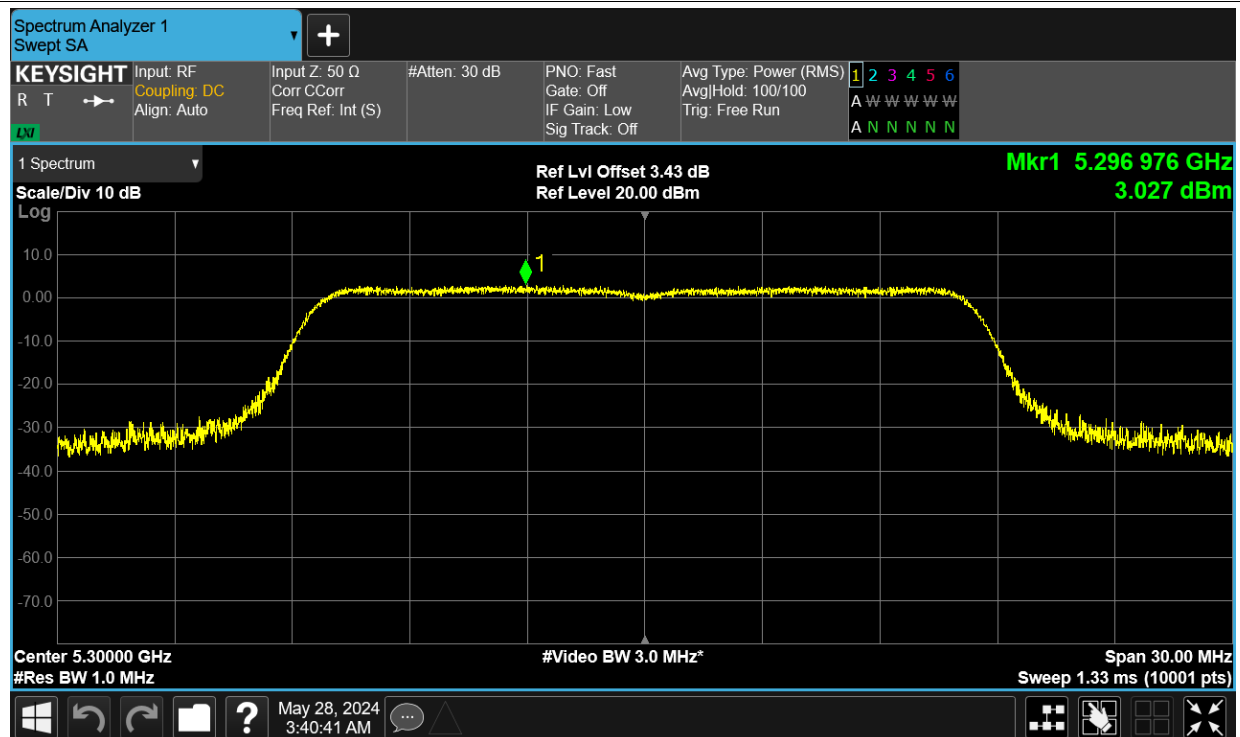
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | a    | 5260            | Ant12   | 3.276         | 11          | Pass    |
| NVNT      | a    | 5300            | Ant12   | 3.027         | 11          | Pass    |
| NVNT      | a    | 5320            | Ant12   | 2.978         | 11          | Pass    |
| NVNT      | ac20 | 5260            | Ant12   | 1.867         | 11          | Pass    |
| NVNT      | ac20 | 5300            | Ant12   | 1.89          | 11          | Pass    |
| NVNT      | ac20 | 5320            | Ant12   | 1.994         | 11          | Pass    |
| NVNT      | ac40 | 5270            | Ant12   | -1.238        | 11          | Pass    |
| NVNT      | ac40 | 5310            | Ant12   | -2.354        | 11          | Pass    |
| NVNT      | ac80 | 5290            | Ant12   | -7.339        | 11          | Pass    |
| NVNT      | n20  | 5260            | Ant12   | 2.868         | 11          | Pass    |
| NVNT      | n20  | 5300            | Ant12   | 2.899         | 11          | Pass    |
| NVNT      | n20  | 5320            | Ant12   | 2.765         | 11          | Pass    |
| NVNT      | n40  | 5270            | Ant12   | 1.031         | 11          | Pass    |
| NVNT      | n40  | 5310            | Ant12   | 0.228         | 11          | Pass    |

Test Graphs

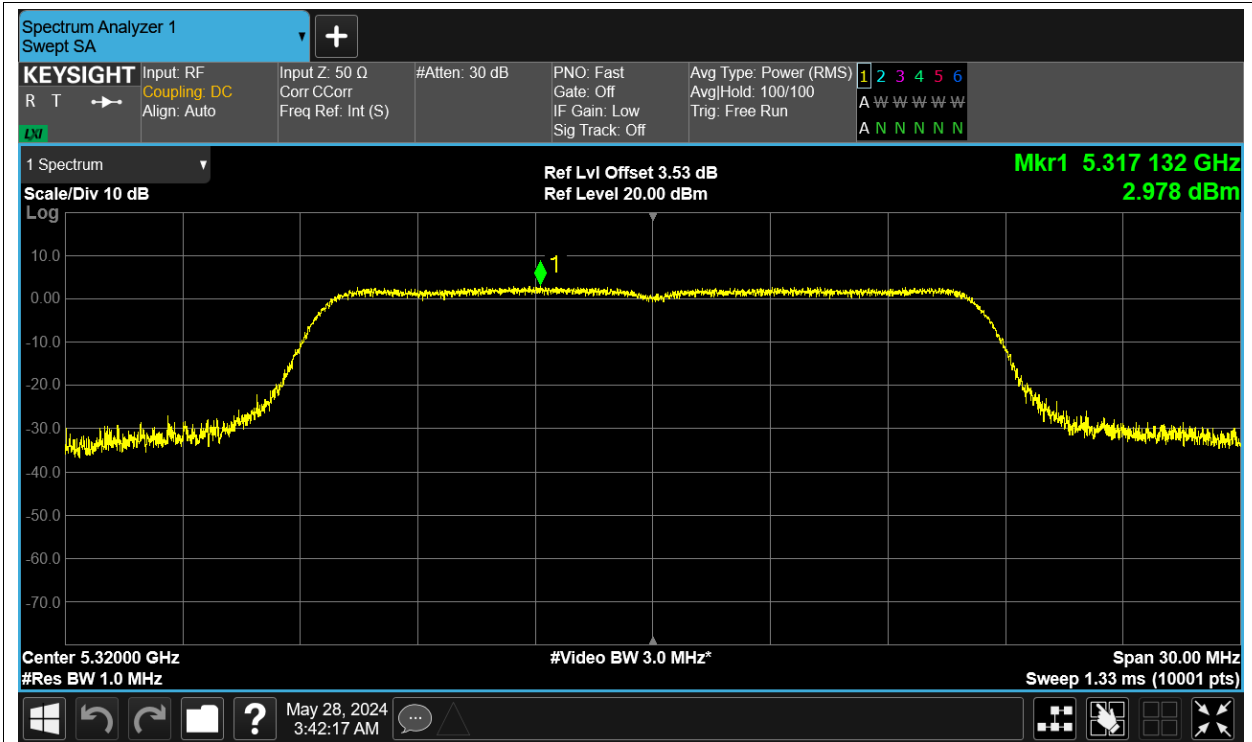
PSD NVNT a 5260MHz Ant12



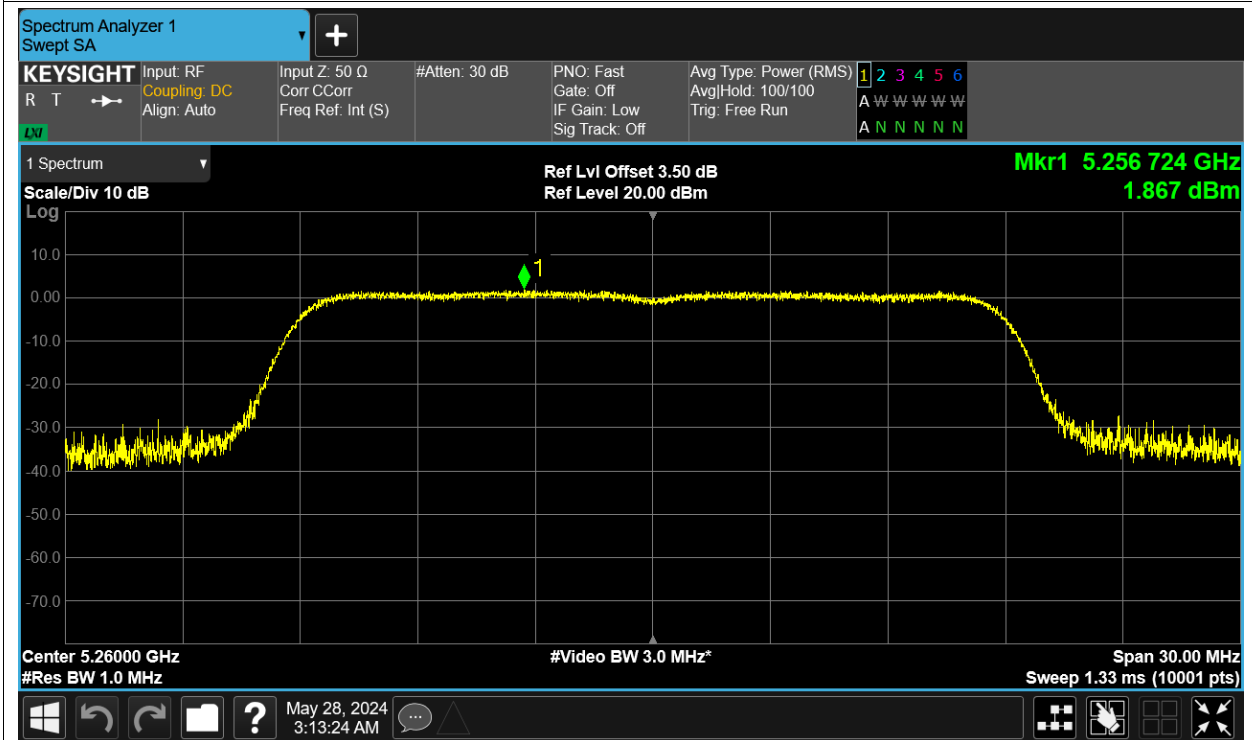
PSD NVNT a 5300MHz Ant12



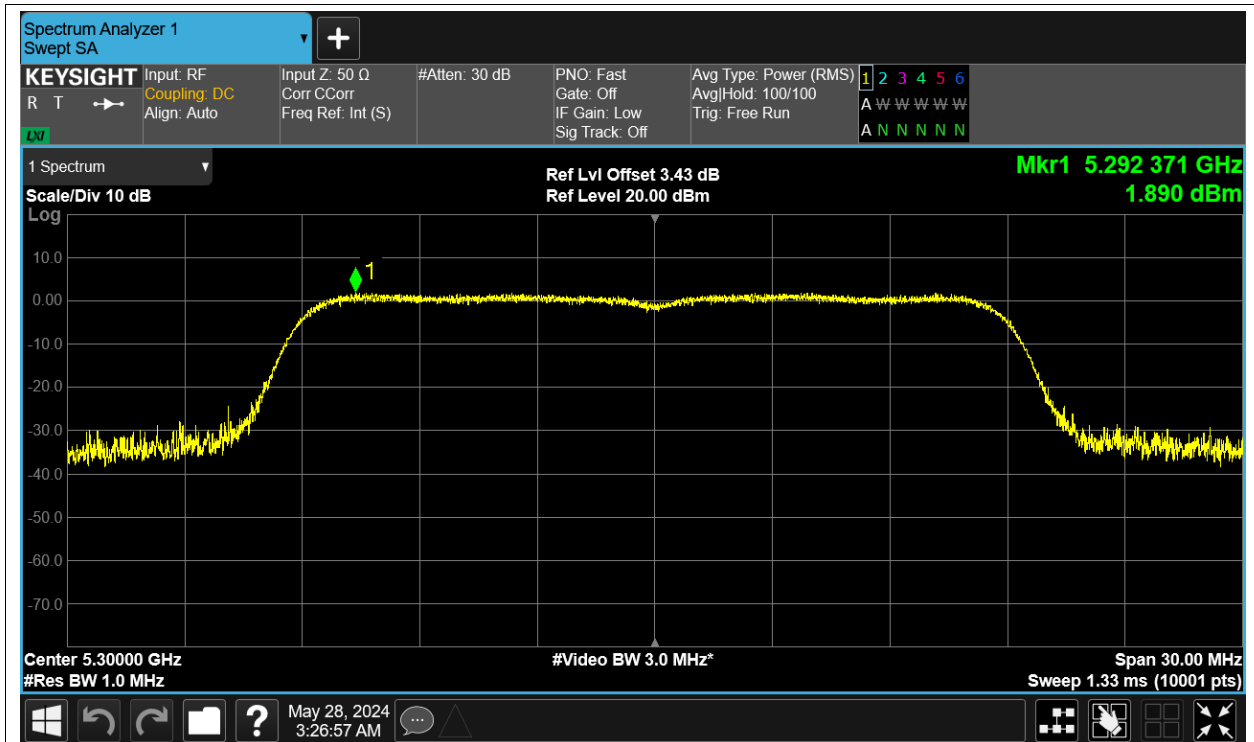
PSD NVNT a 5320MHz Ant12



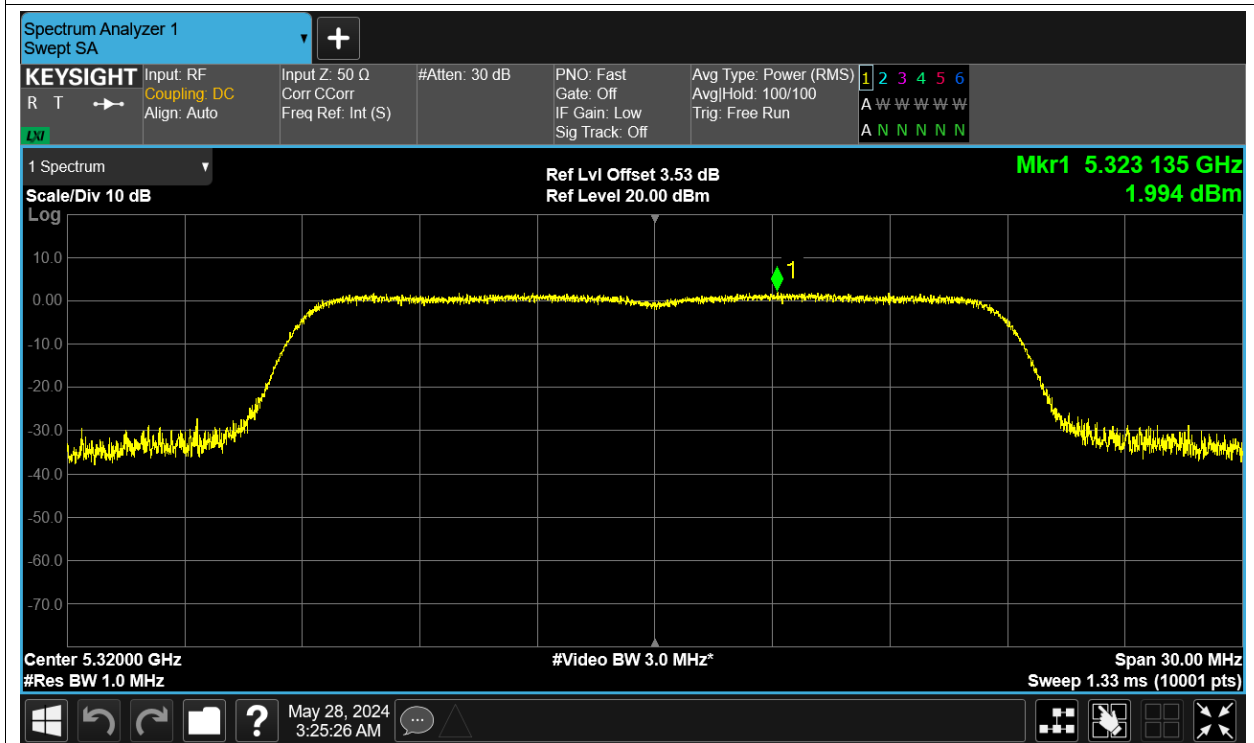
PSD NVNT ac20 5260MHz Ant12



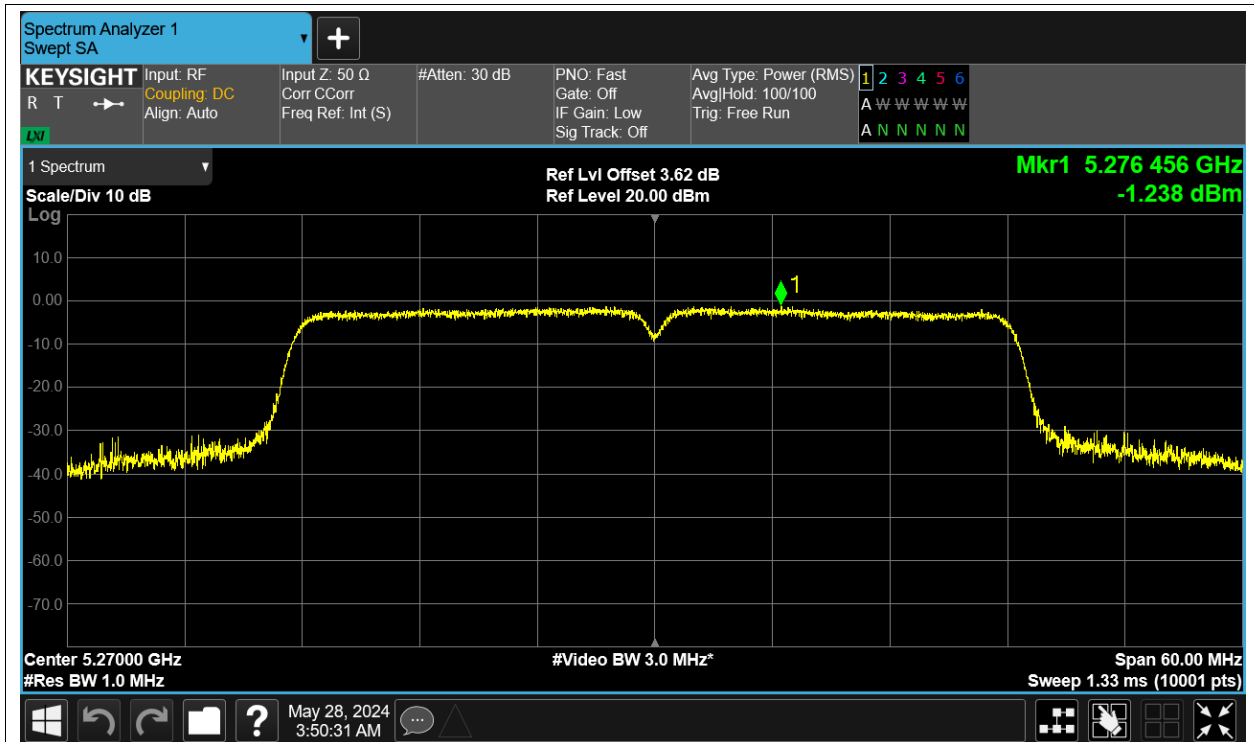
PSD NVNT ac20 5300MHz Ant12



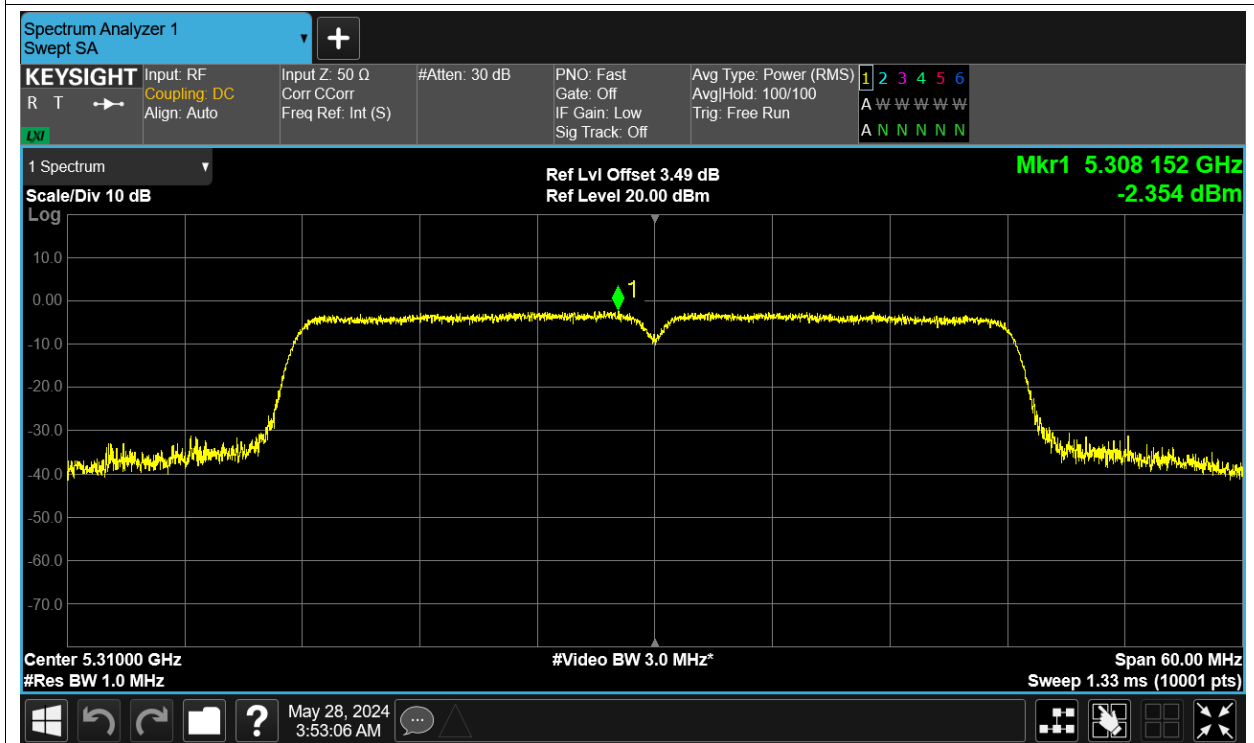
PSD NVNT ac20 5320MHz Ant12



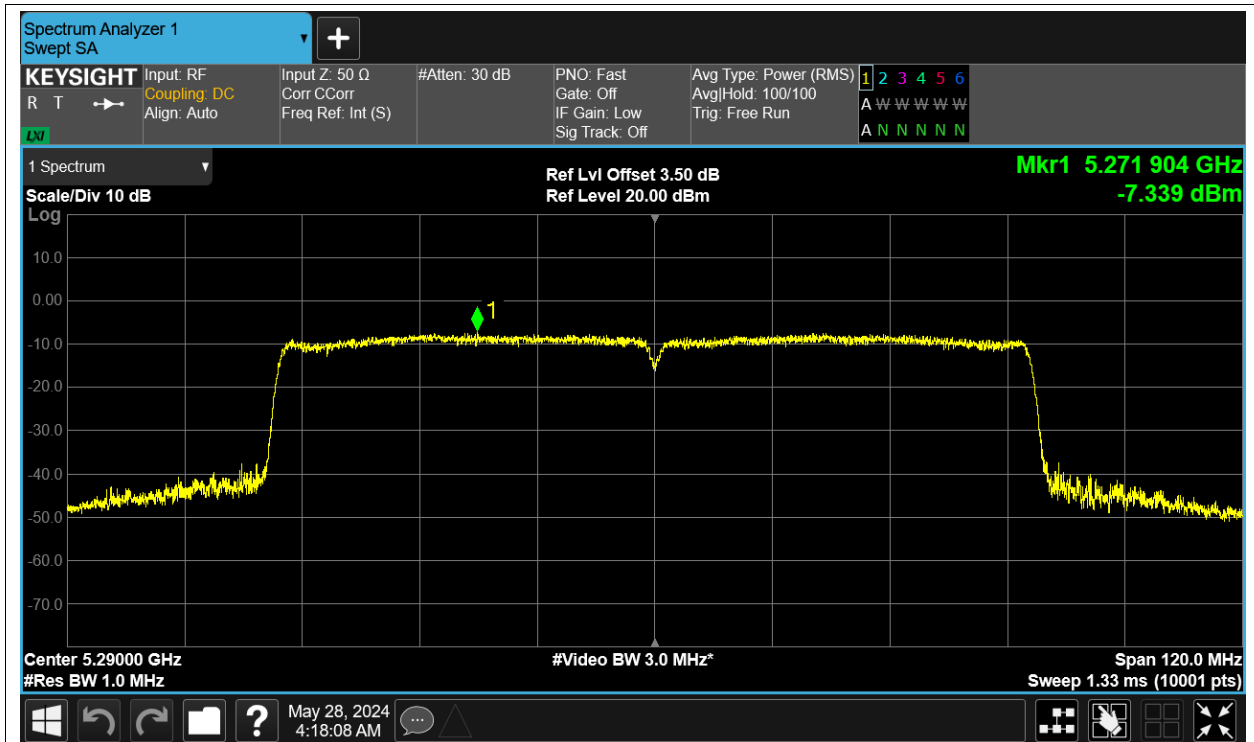
PSD NVNT ac40 5270MHz Ant12



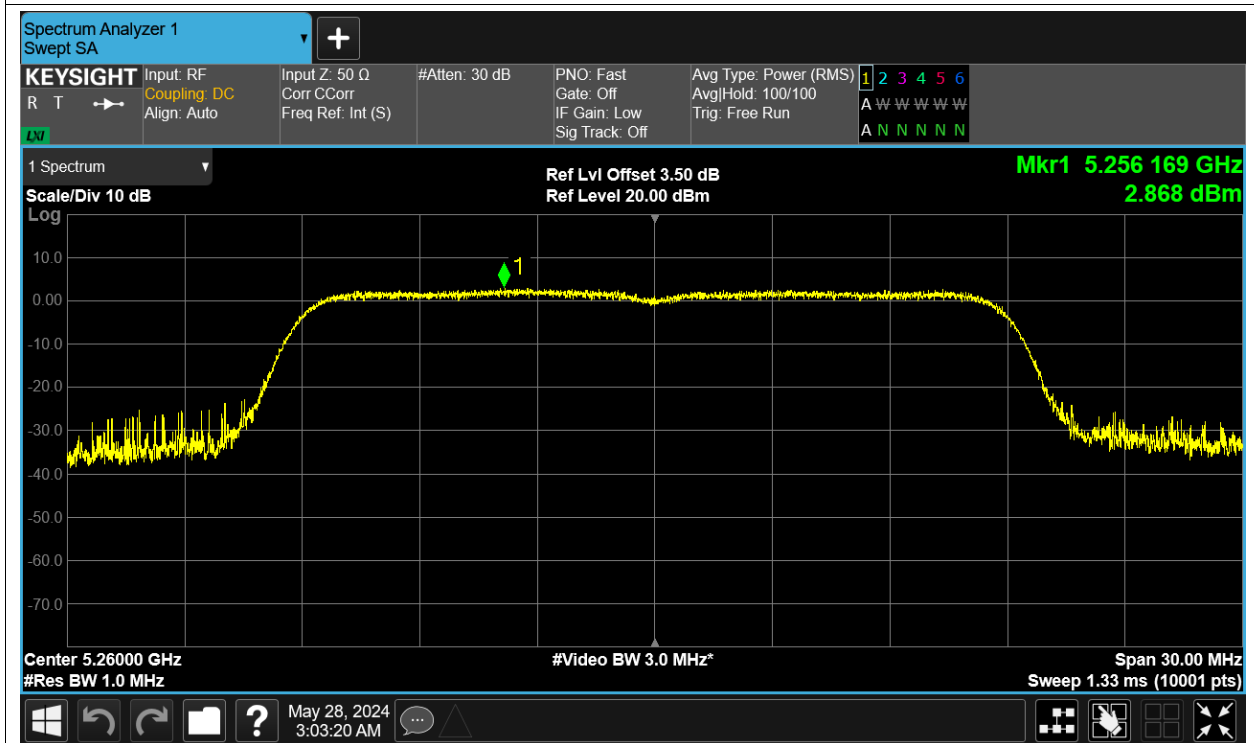
PSD NVNT ac40 5310MHz Ant12



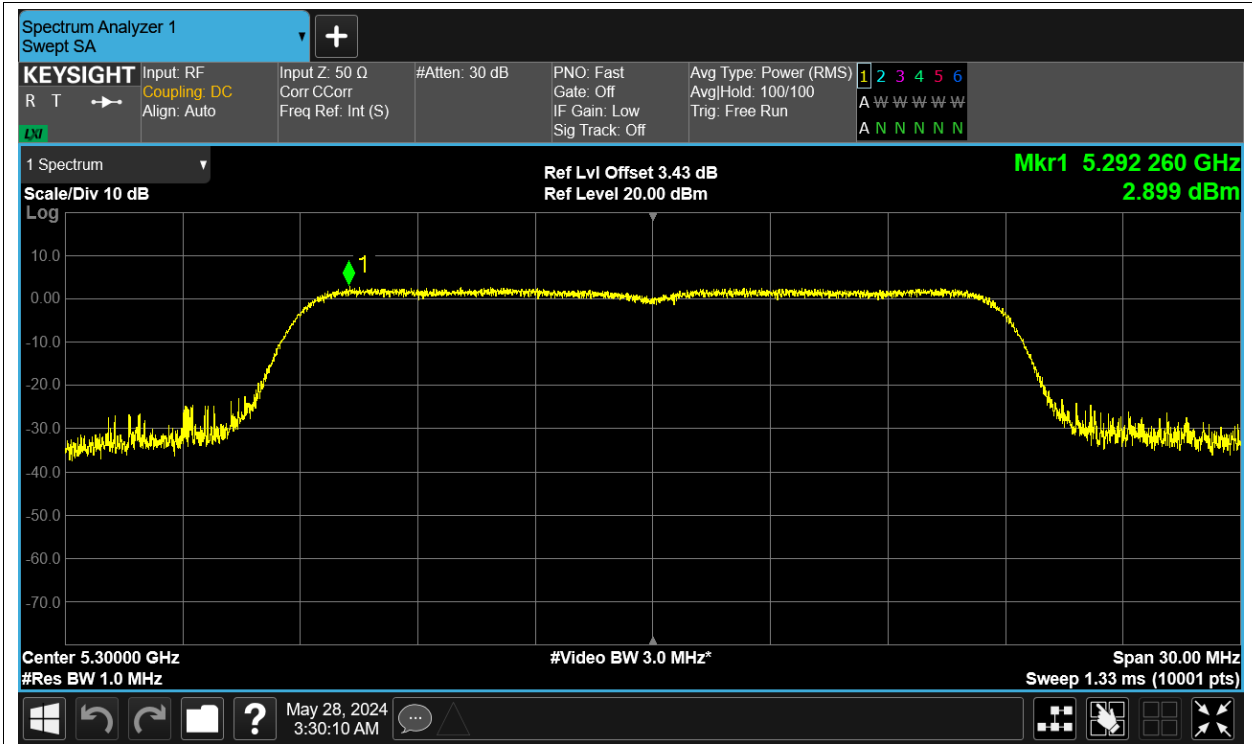
PSD NVNT ac80 5290MHz Ant12



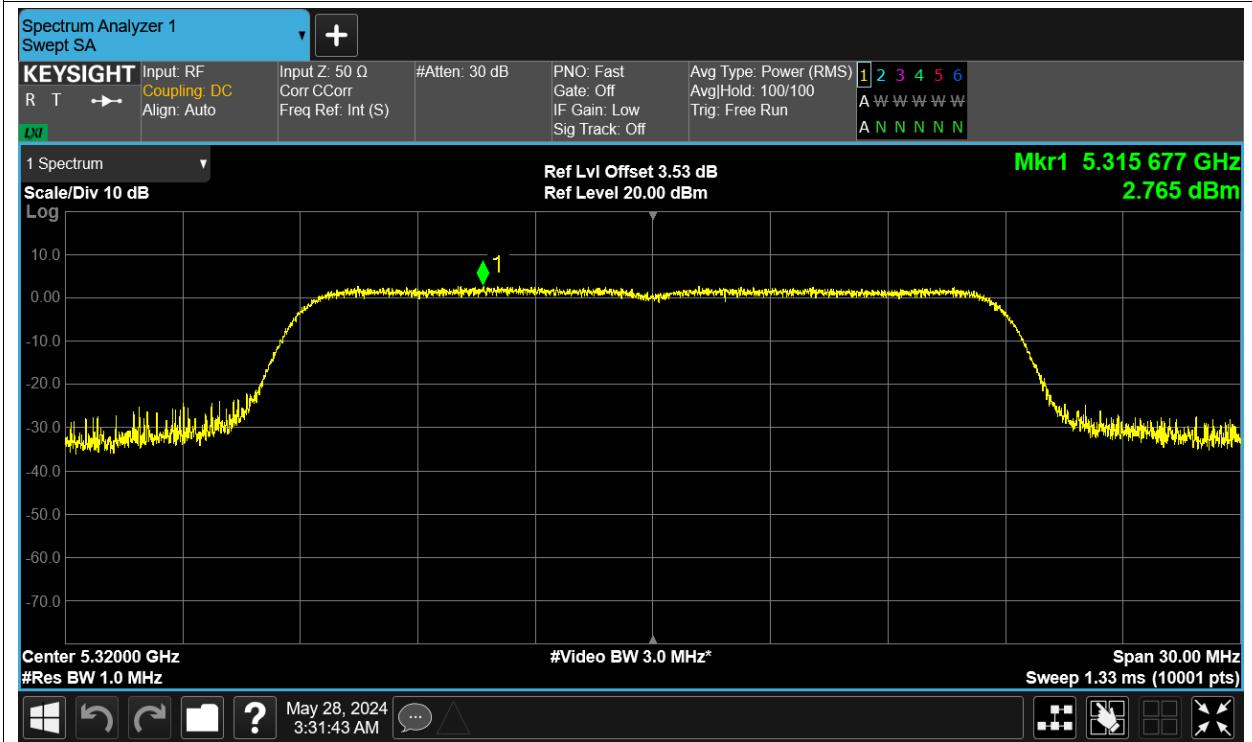
PSD NVNT n20 5260MHz Ant12



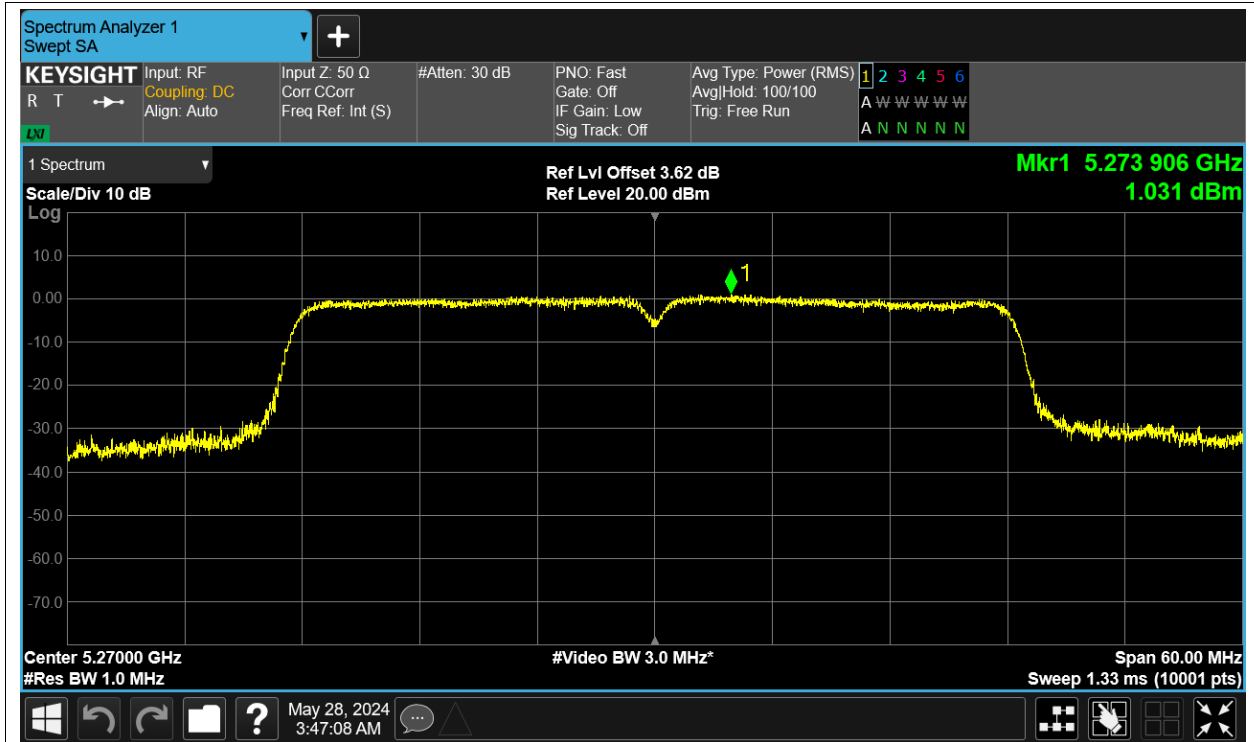
PSD NVNT n20 5300MHz Ant12



PSD NVNT n20 5320MHz Ant12



PSD NVNT n40 5270MHz Ant12



PSD NVNT n40 5310MHz Ant12

