

## Test Data

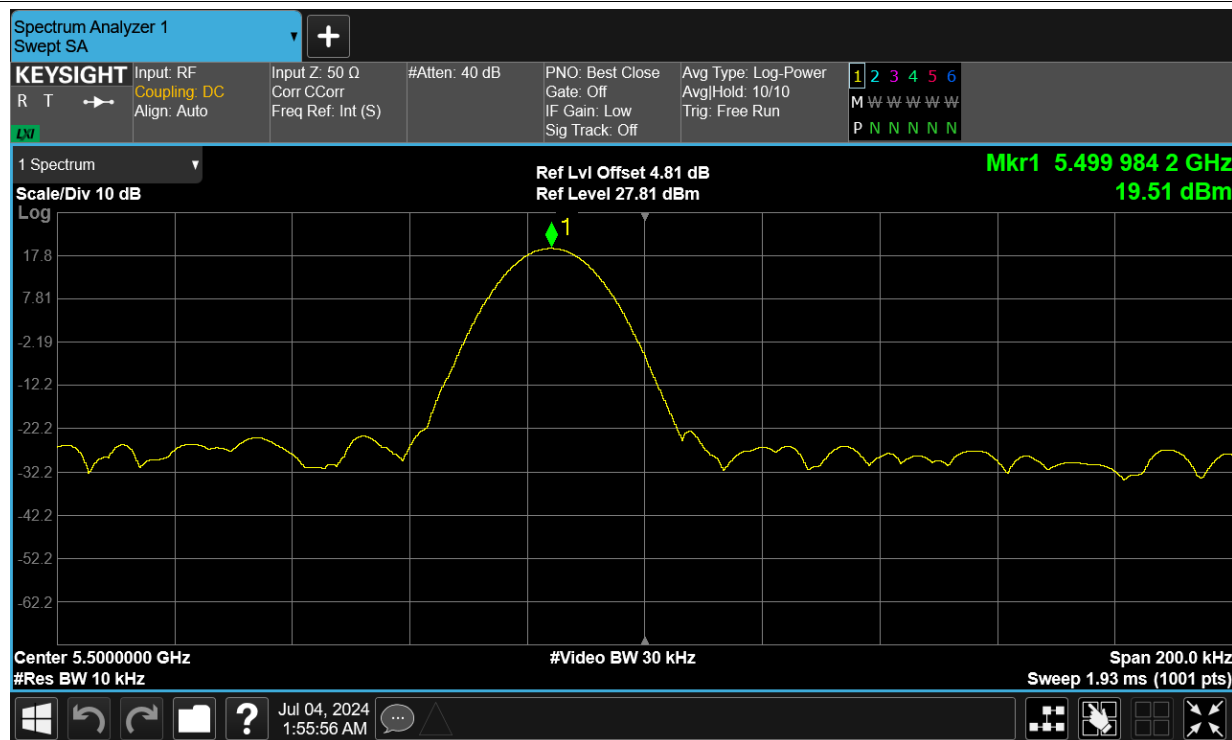
### Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Deviation (ppm) | Limit (ppm)            | Verdict |
|-----------|------|-----------------|---------|--------------------------|-----------------|------------------------|---------|
| HVNT      | a    | 5500            | ANT13   | 5499.9842                | -2.87           | Within authorized band | Pass    |
| LVNT      | a    | 5500            | ANT13   | 5499.9842                | -2.87           |                        | Pass    |
| NVHT      | a    | 5500            | ANT13   | 5499.9844                | -2.84           |                        | Pass    |
| NVLT      | a    | 5500            | ANT13   | 5499.9844                | -2.84           |                        | Pass    |
| NVNT      | a    | 5500            | ANT13   | 5499.9848                | -2.76           |                        | Pass    |
| HVNT      | ac80 | 5530            | ANT13   | 5529.9852                | -2.68           |                        | Pass    |
| LVNT      | ac80 | 5530            | ANT13   | 5529.9854                | -2.64           |                        | Pass    |
| NVHT      | ac80 | 5530            | ANT13   | 5529.985                 | -2.71           |                        | Pass    |
| NVLT      | ac80 | 5530            | ANT13   | 5529.9858                | -2.57           |                        | Pass    |
| NVNT      | ac80 | 5530            | ANT13   | 5529.9846                | -2.78           |                        | Pass    |
| HVNT      | n40  | 5510            | ANT13   | 5509.9842                | -2.87           |                        | Pass    |
| LVNT      | n40  | 5510            | ANT13   | 5509.9842                | -2.87           |                        | Pass    |
| NVHT      | n40  | 5510            | ANT13   | 5509.9844                | -2.83           |                        | Pass    |
| NVLT      | n40  | 5510            | ANT13   | 5509.985                 | -2.72           |                        | Pass    |
| NVNT      | n40  | 5510            | ANT13   | 5509.9852                | -2.69           |                        | Pass    |

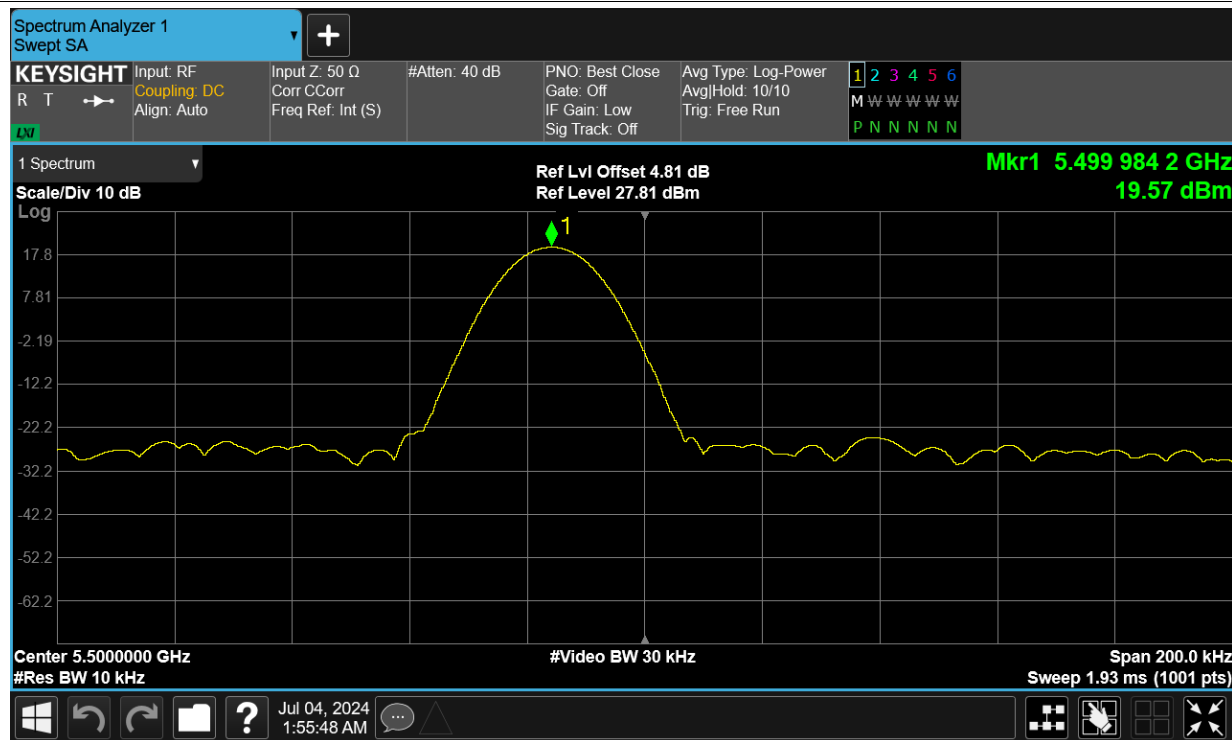
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

## Test Graphs

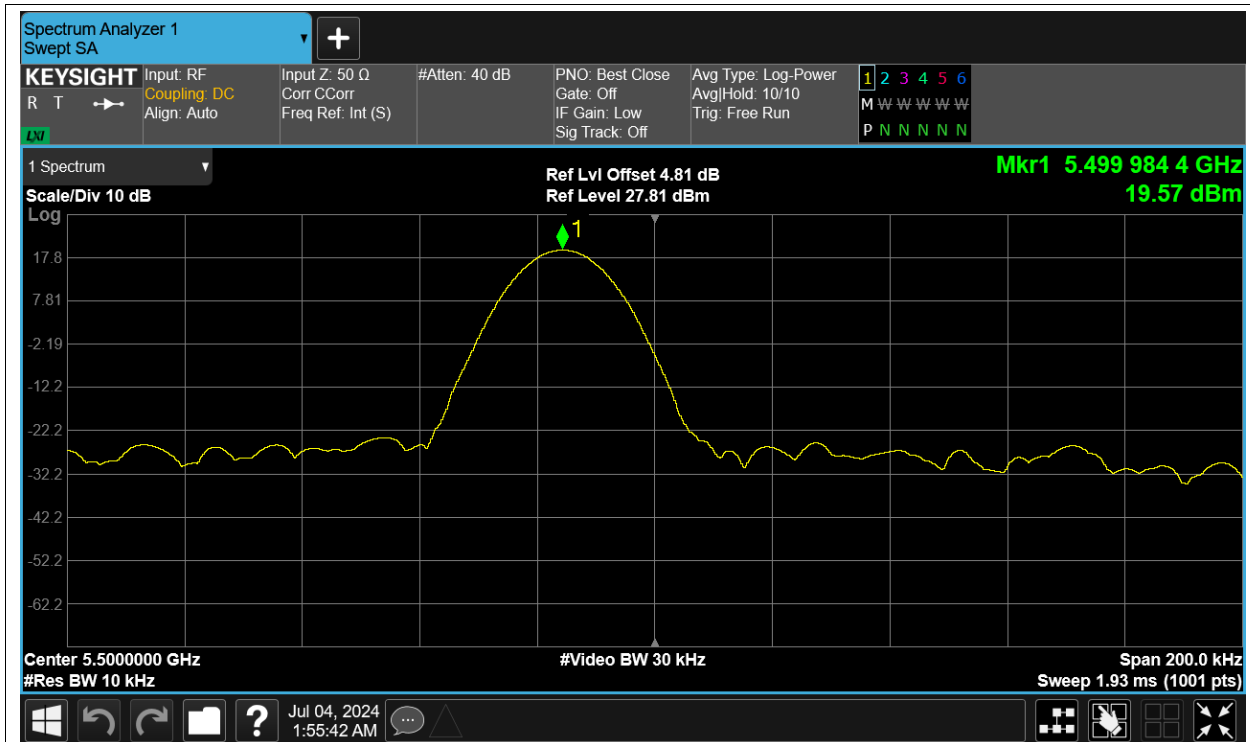
Freq. Stability HVNT a 5500MHz ANT13



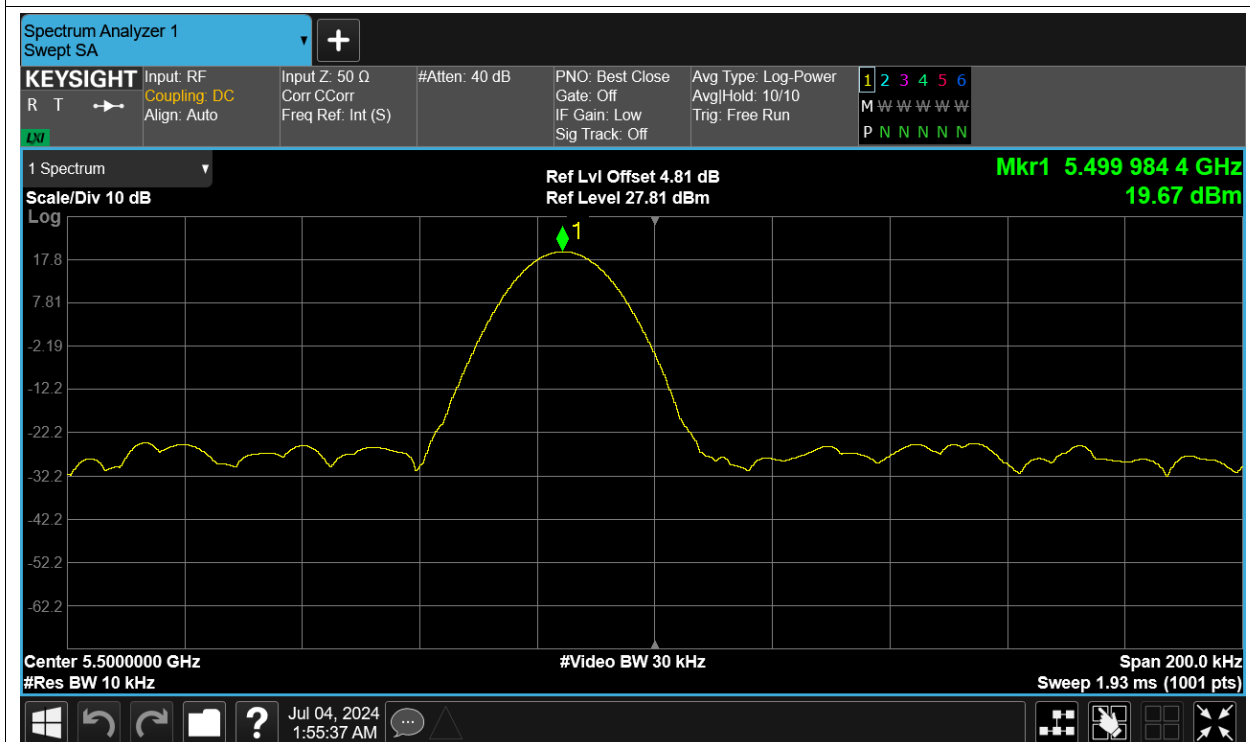
Freq. Stability LVNT a 5500MHz ANT13



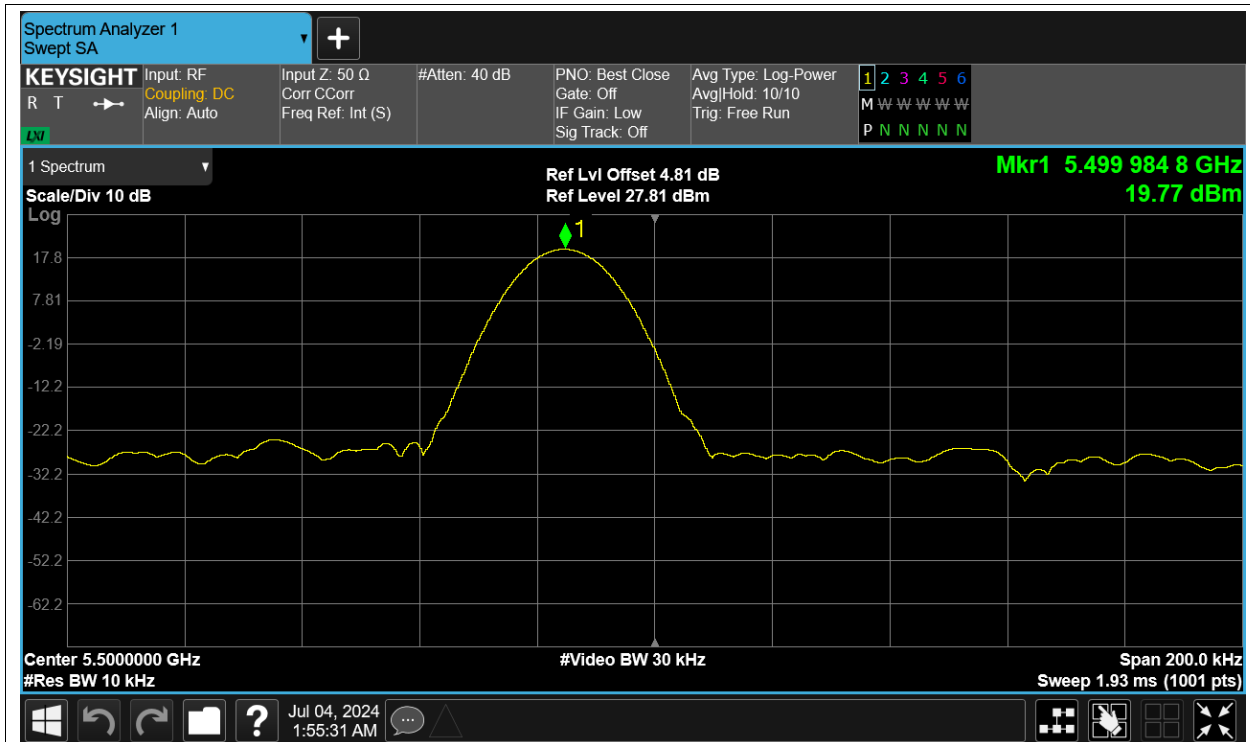
Freq. Stability NVHT a 5500MHz ANT13



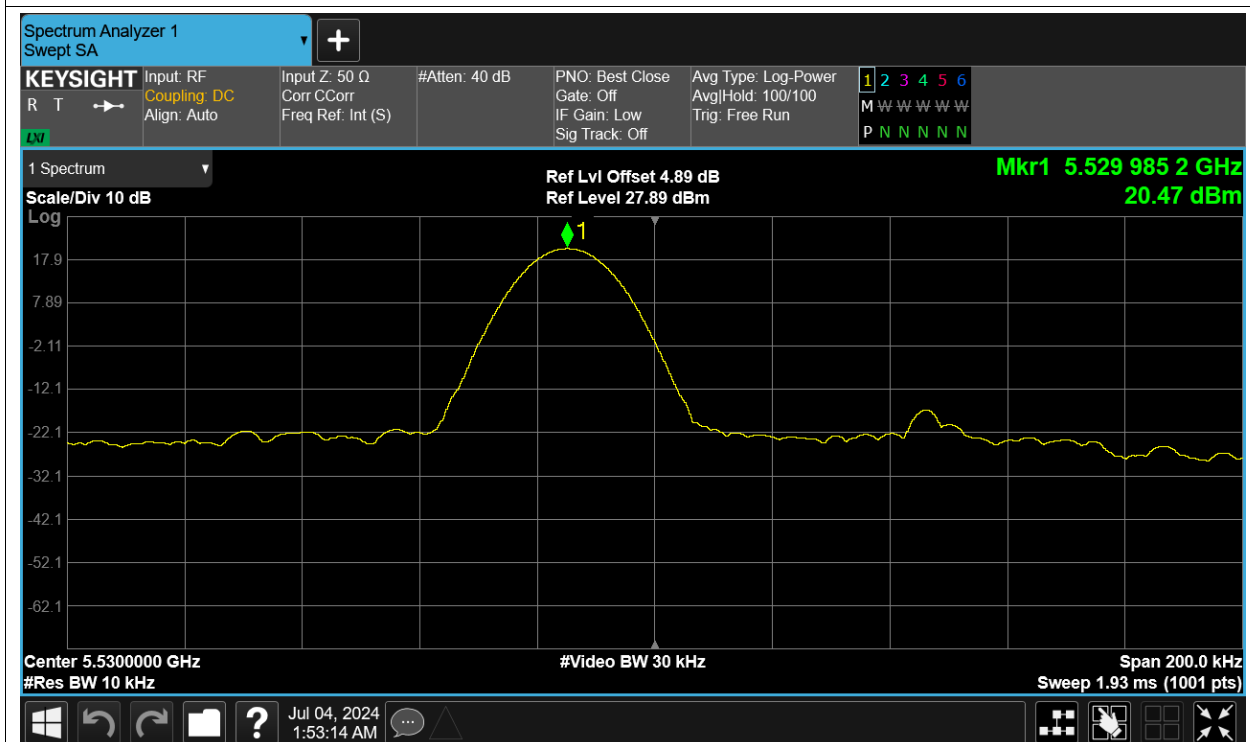
Freq. Stability NVLT a 5500MHz ANT13



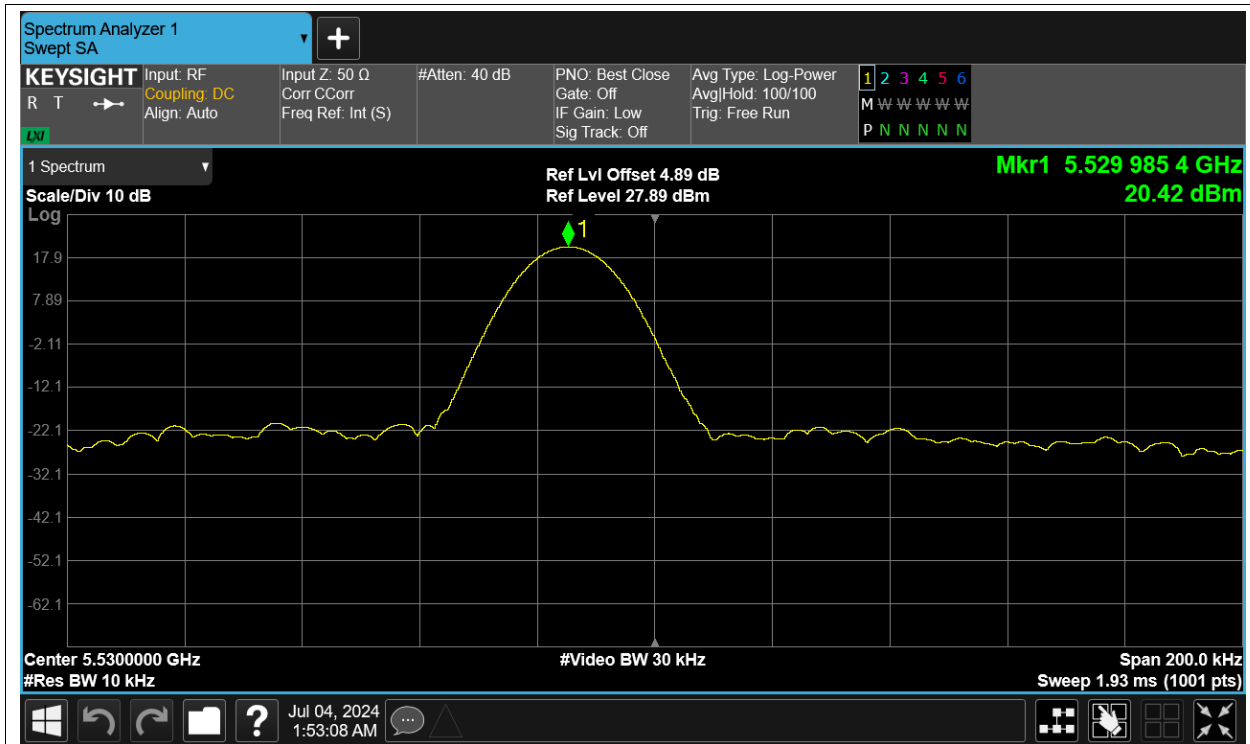
Freq. Stability NVNT a 5500MHz ANT13



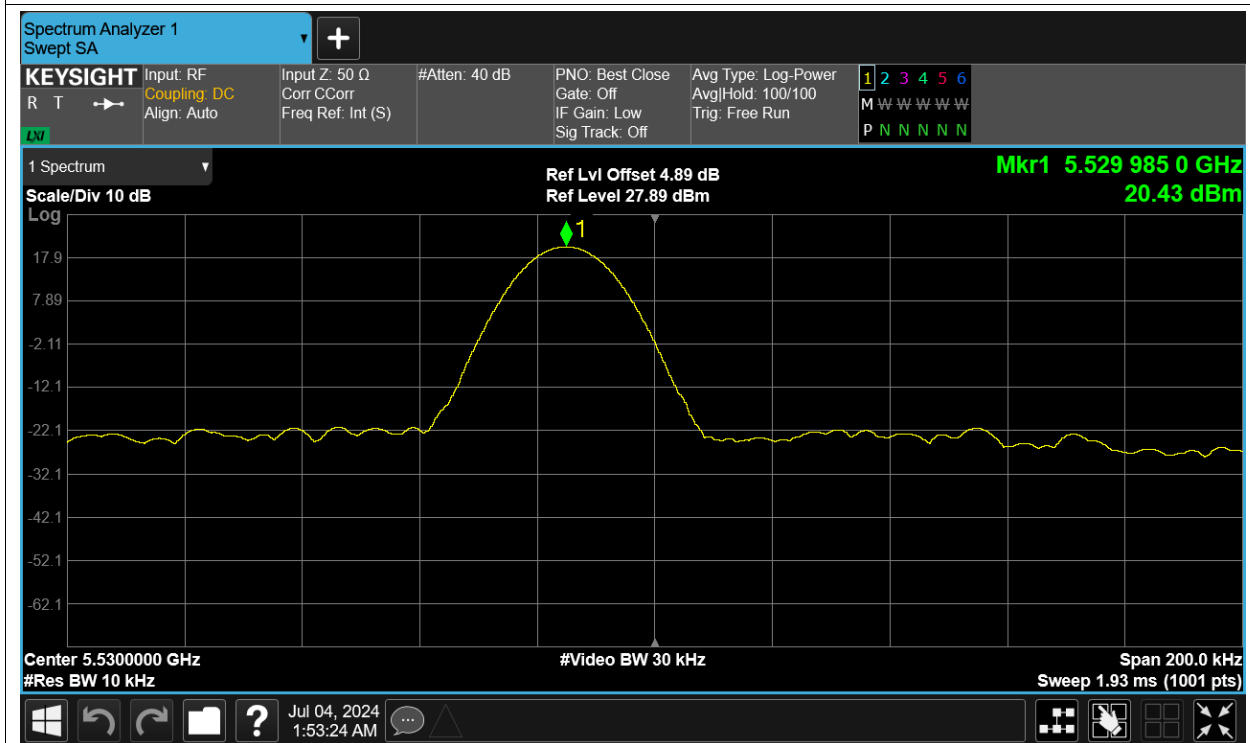
Freq. Stability HVNT ac80 5530MHz ANT13



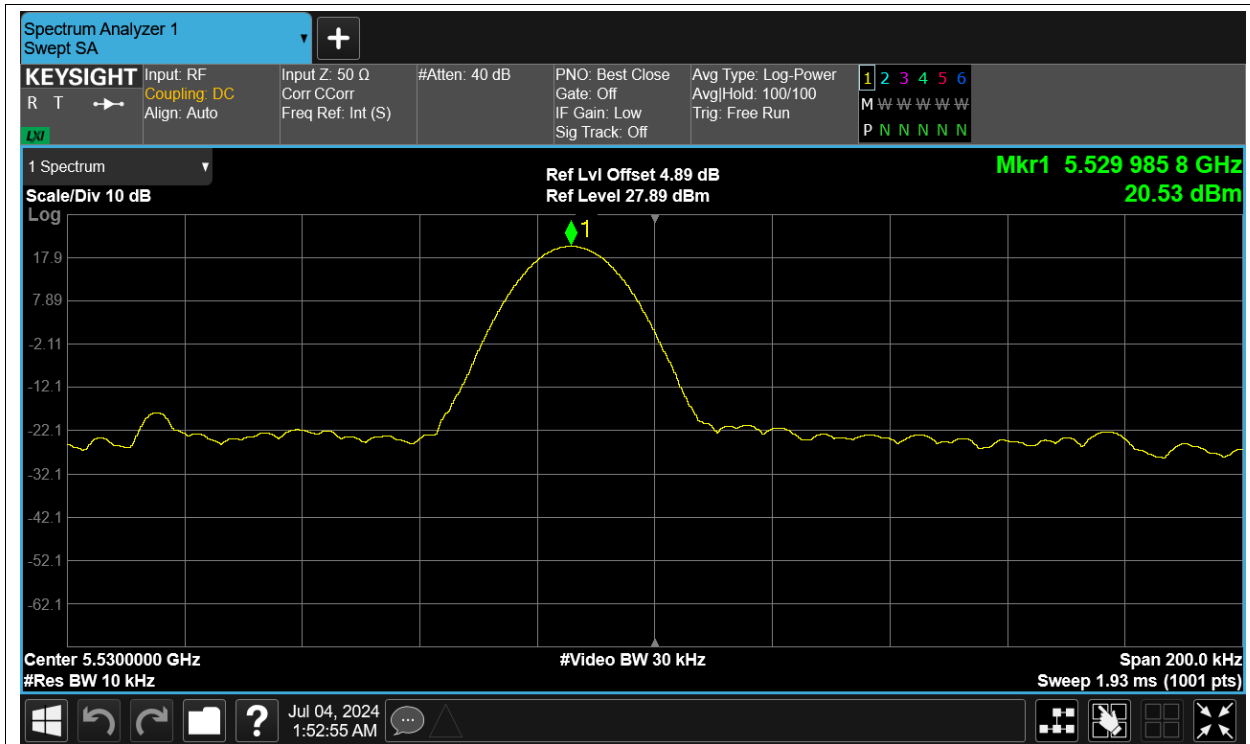
Freq. Stability LVNT ac80 5530MHz ANT13



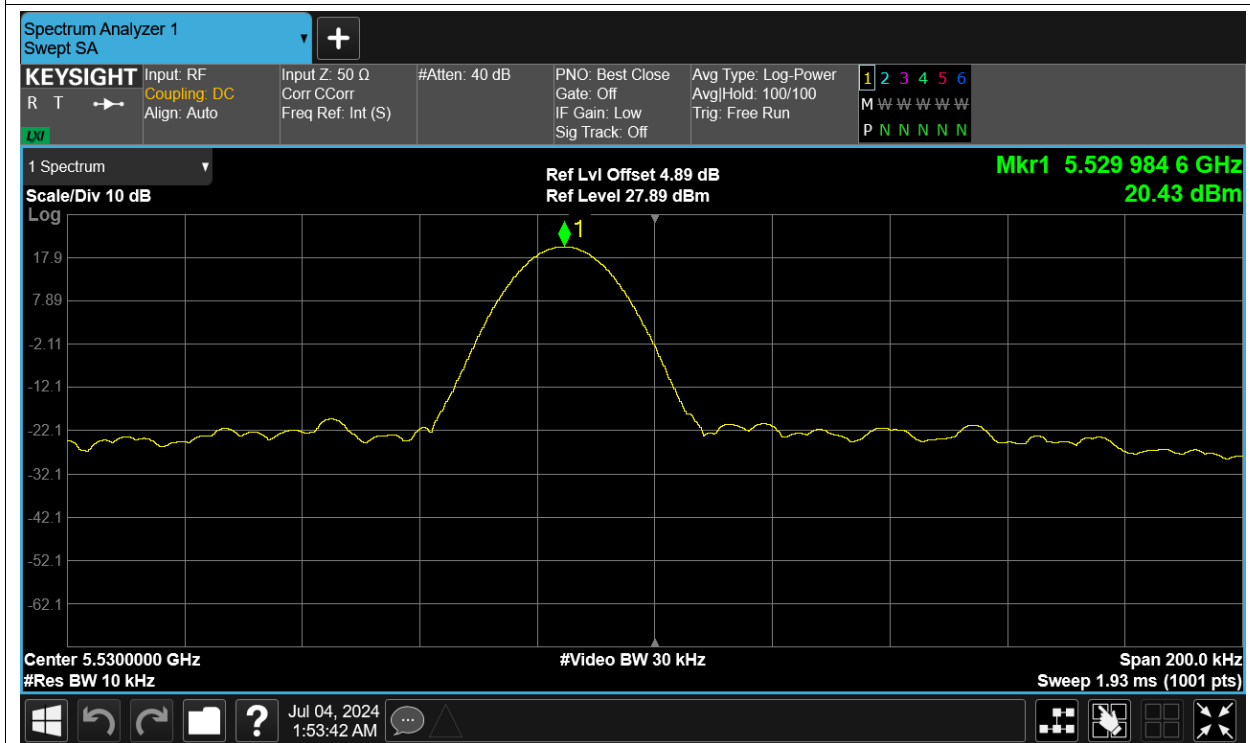
Freq. Stability NVHT ac80 5530MHz ANT13



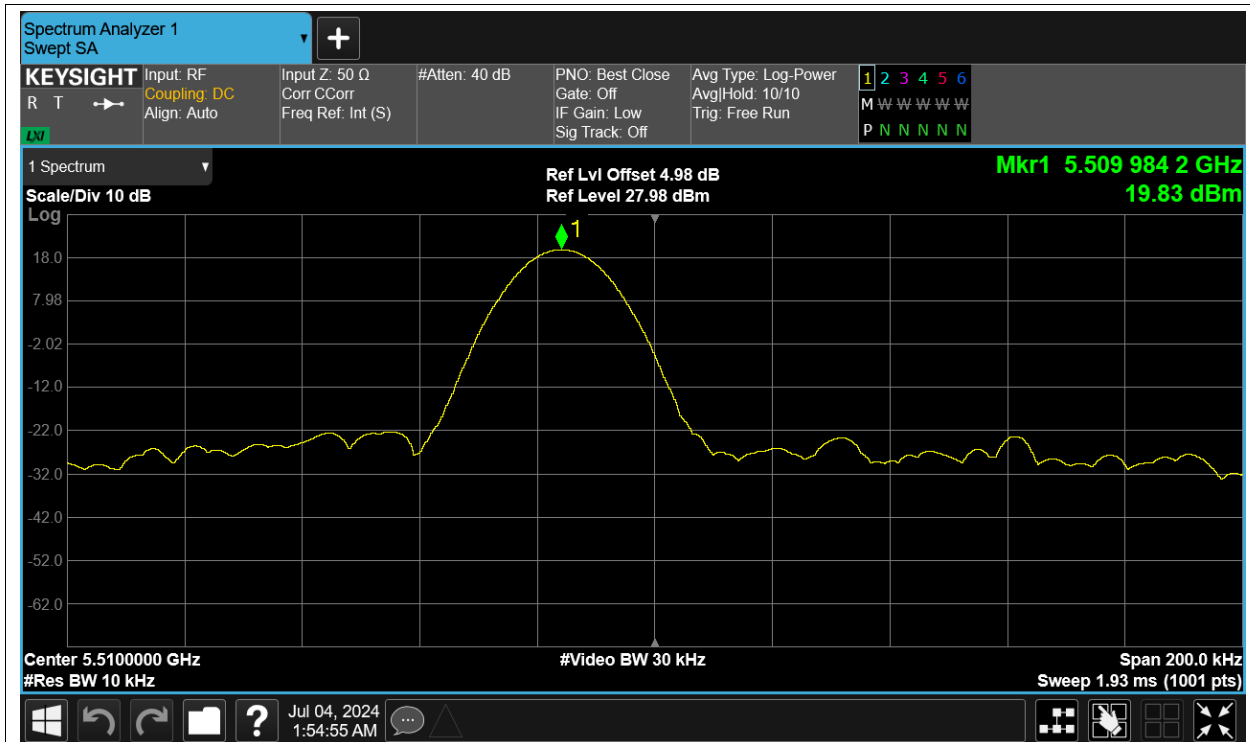
Freq. Stability NVLT ac80 5530MHz ANT13



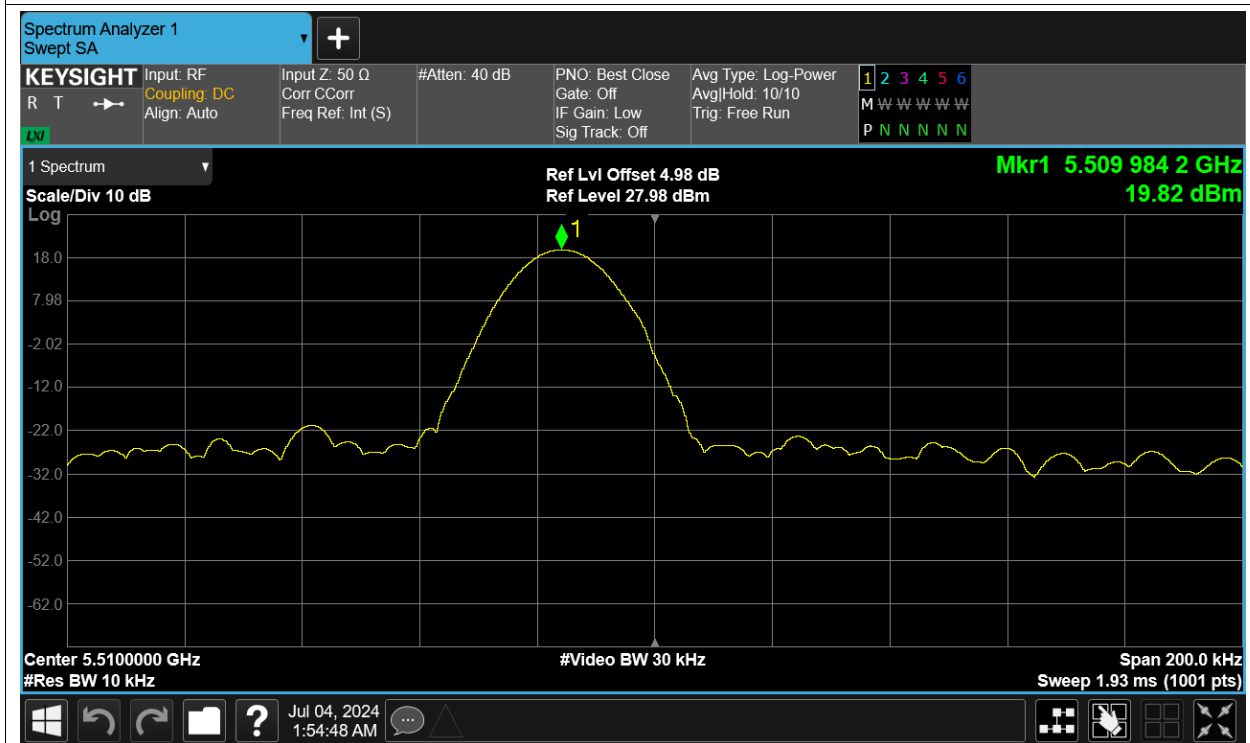
Freq. Stability NVNT ac80 5530MHz ANT13



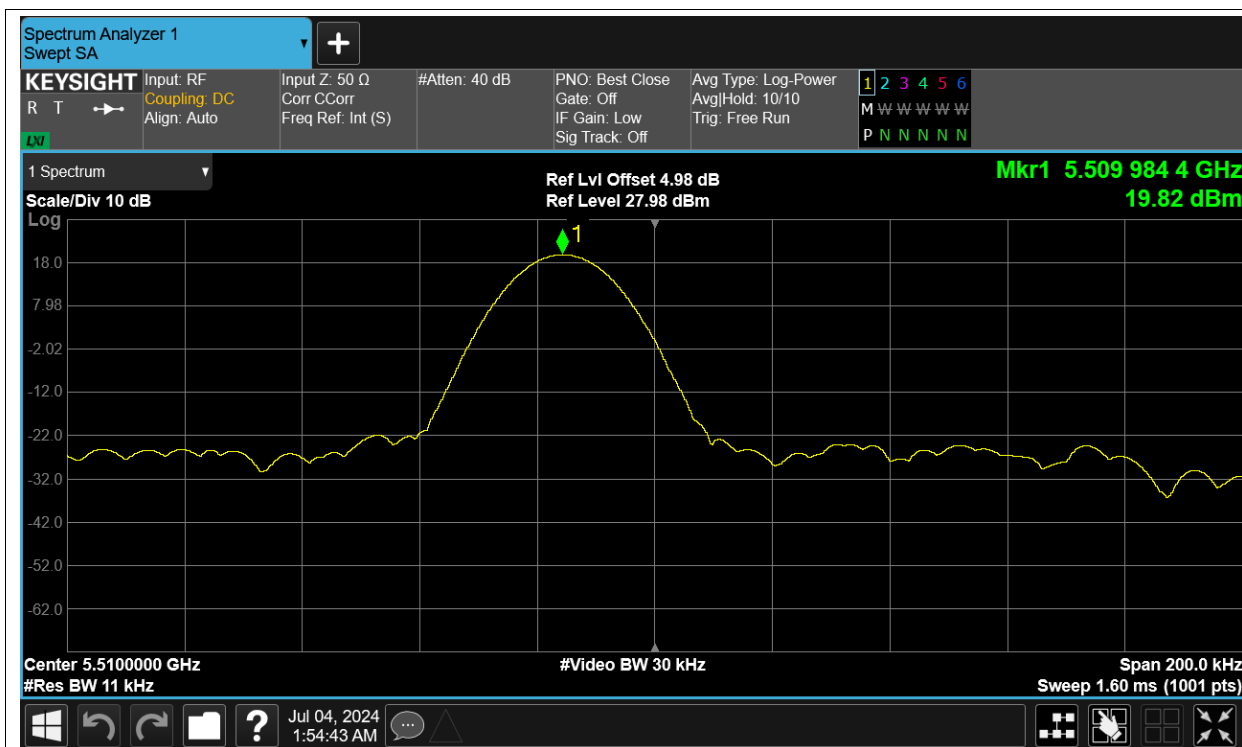
Freq. Stability HVNT n40 5510MHz ANT13



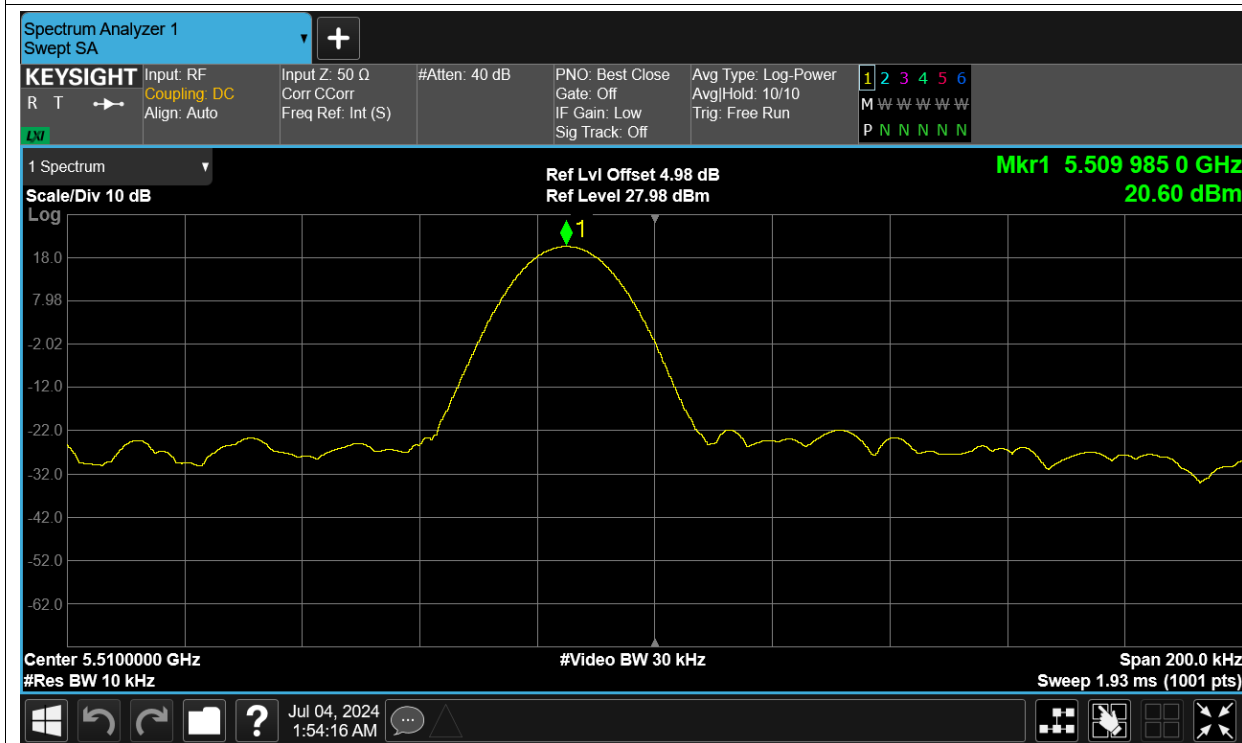
Freq. Stability LVNT n40 5510MHz ANT13



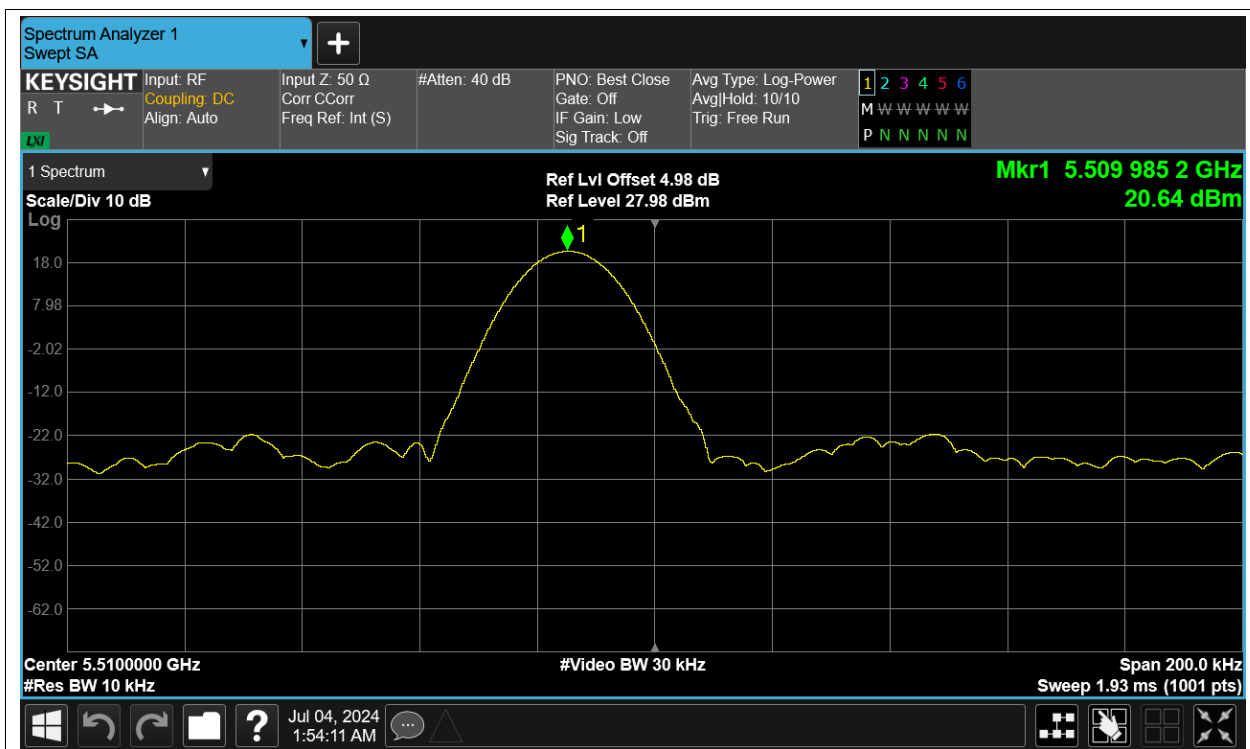
Freq. Stability NVHT n40 5510MHz ANT13



Freq. Stability NVLT n40 5510MHz ANT13



Freq. Stability NVNT n40 5510MHz ANT13

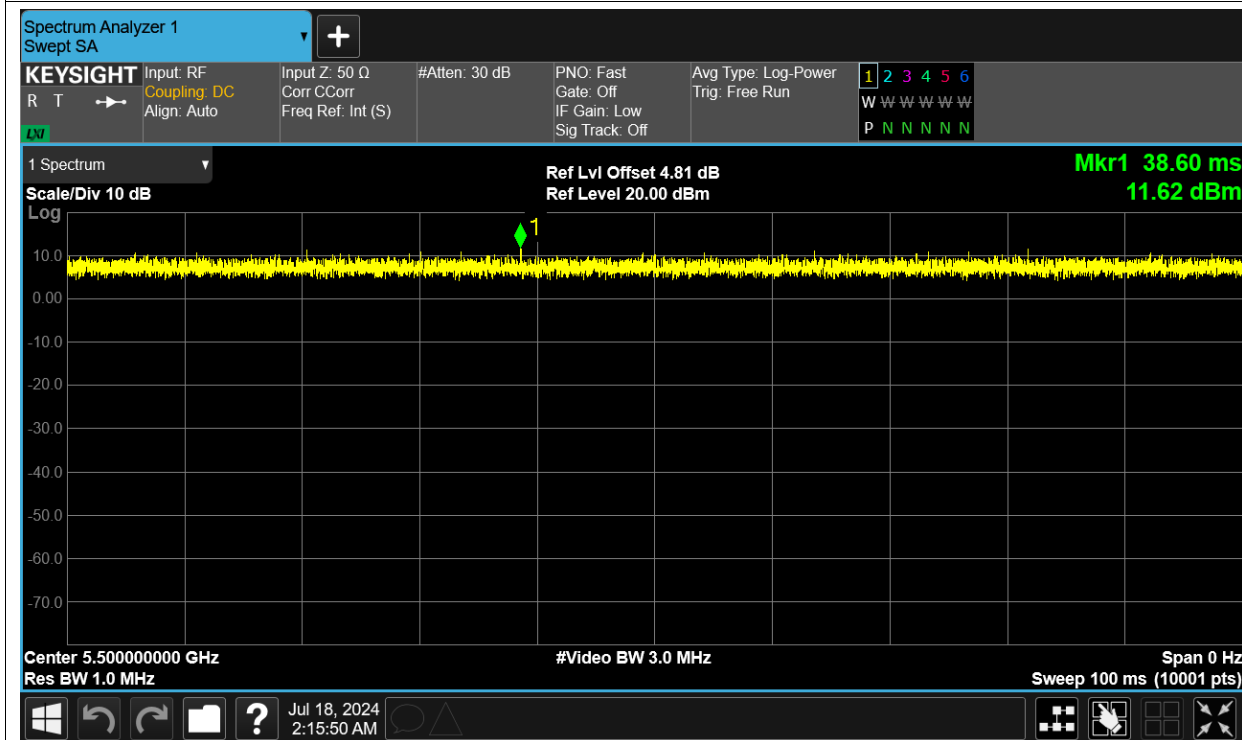


## Duty Cycle

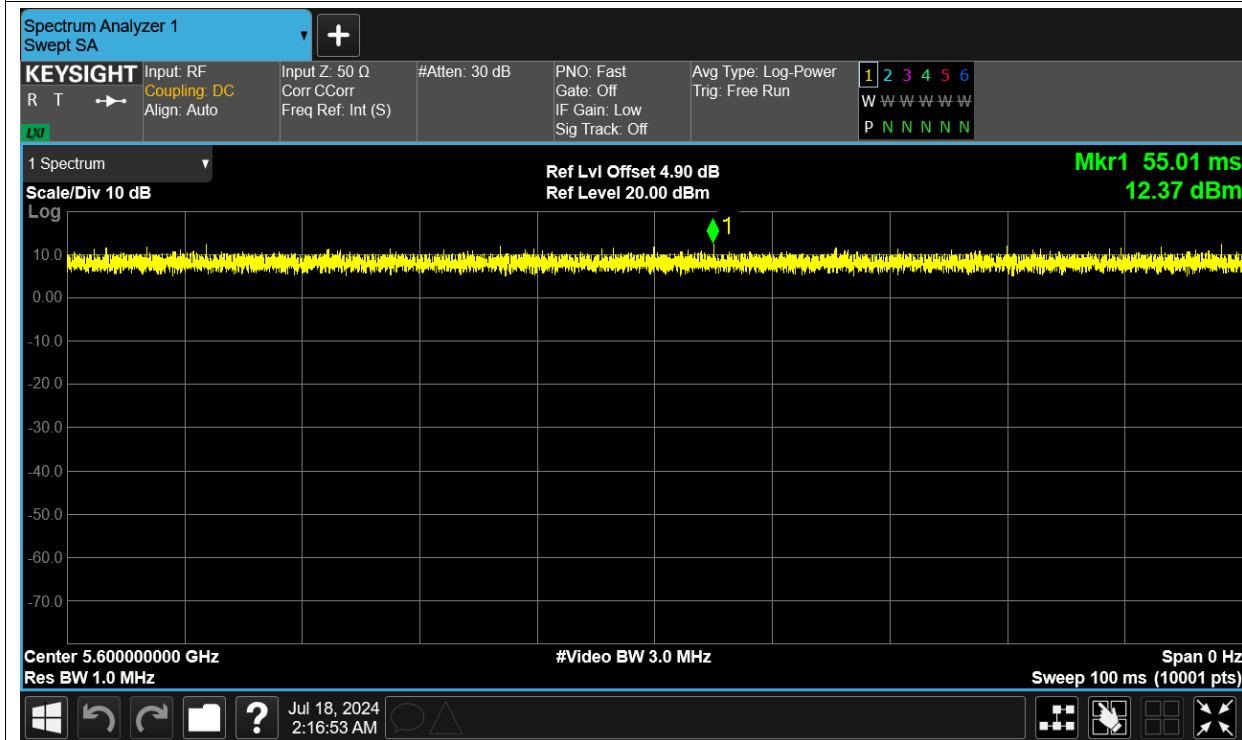
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5500            | ANT13   | 100            | 0                      |
| NVNT      | a    | 5600            | ANT13   | 100            | 0                      |
| NVNT      | a    | 5700            | ANT13   | 100            | 0                      |
| NVNT      | ac20 | 5500            | ANT13   | 100            | 0                      |
| NVNT      | ac20 | 5600            | ANT13   | 100            | 0                      |
| NVNT      | ac20 | 5700            | ANT13   | 100            | 0                      |
| NVNT      | ac40 | 5510            | ANT13   | 100            | 0                      |
| NVNT      | ac40 | 5590            | ANT13   | 100            | 0                      |
| NVNT      | ac40 | 5670            | ANT13   | 100            | 0                      |
| NVNT      | ac80 | 5530            | ANT13   | 100            | 0                      |
| NVNT      | ac80 | 5610            | ANT13   | 100            | 0                      |
| NVNT      | n20  | 5500            | ANT13   | 100            | 0                      |
| NVNT      | n20  | 5600            | ANT13   | 100            | 0                      |
| NVNT      | n20  | 5700            | ANT13   | 100            | 0                      |
| NVNT      | n40  | 5510            | ANT13   | 100            | 0                      |
| NVNT      | n40  | 5590            | ANT13   | 100            | 0                      |
| NVNT      | n40  | 5670            | ANT13   | 100            | 0                      |

## Test Graphs

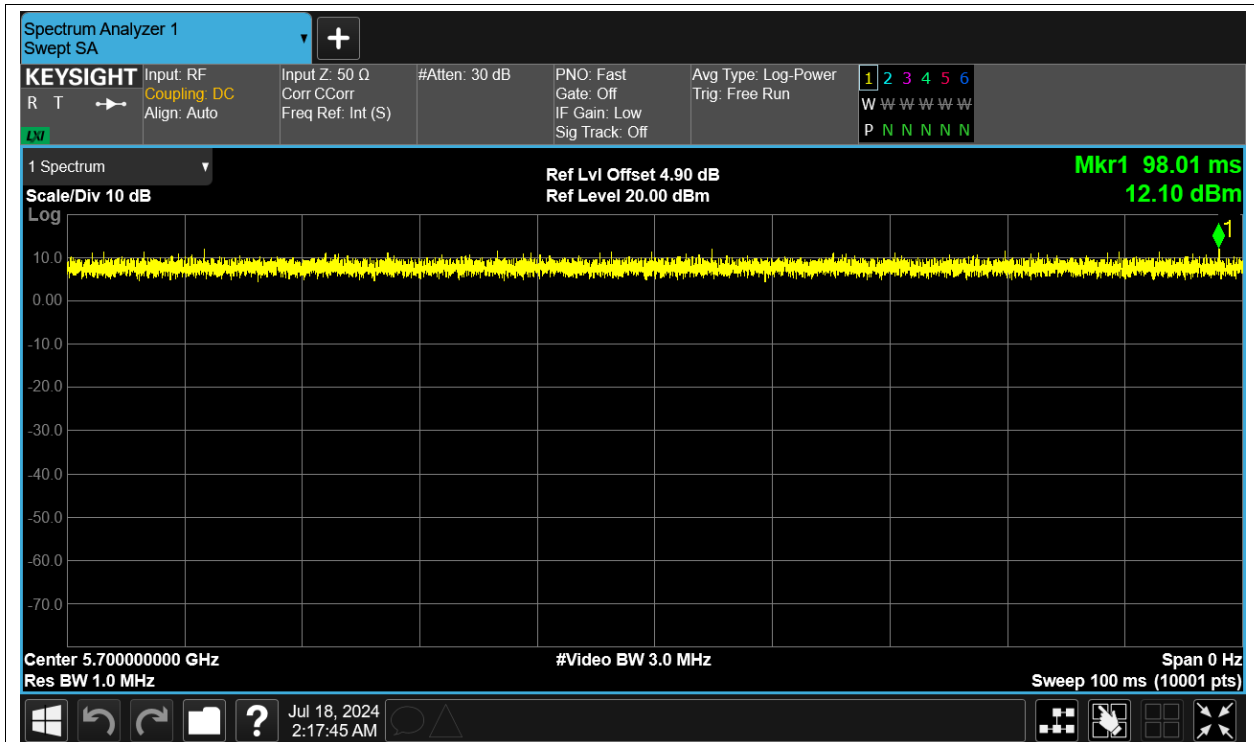
### Duty Cycle NVNT a 5500MHz ANT13



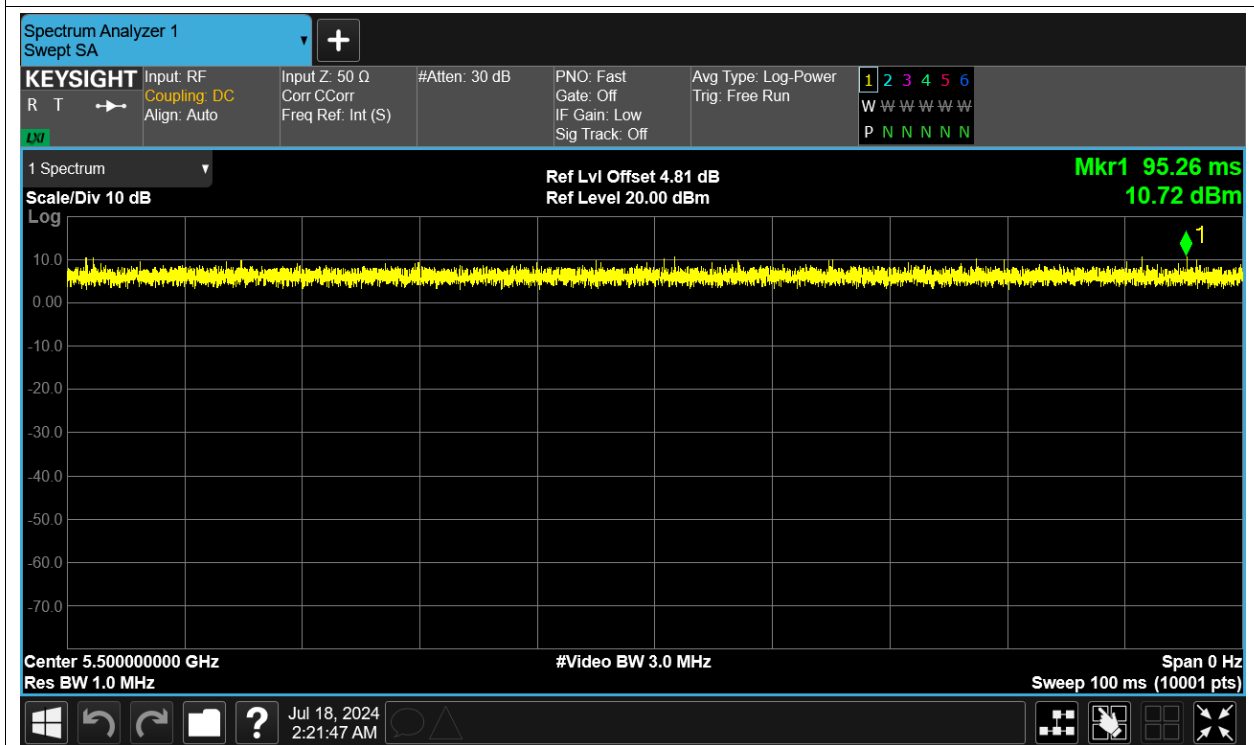
### Duty Cycle NVNT a 5600MHz ANT13



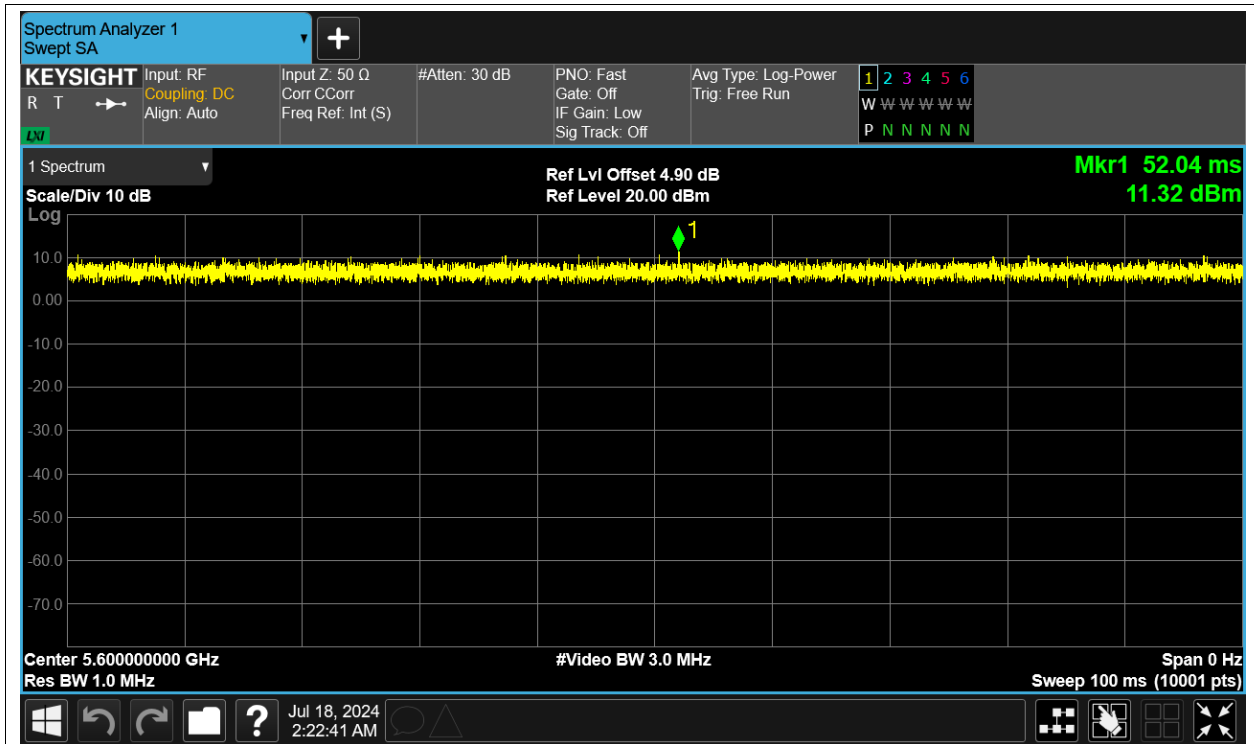
### Duty Cycle NVNT a 5700MHz ANT13



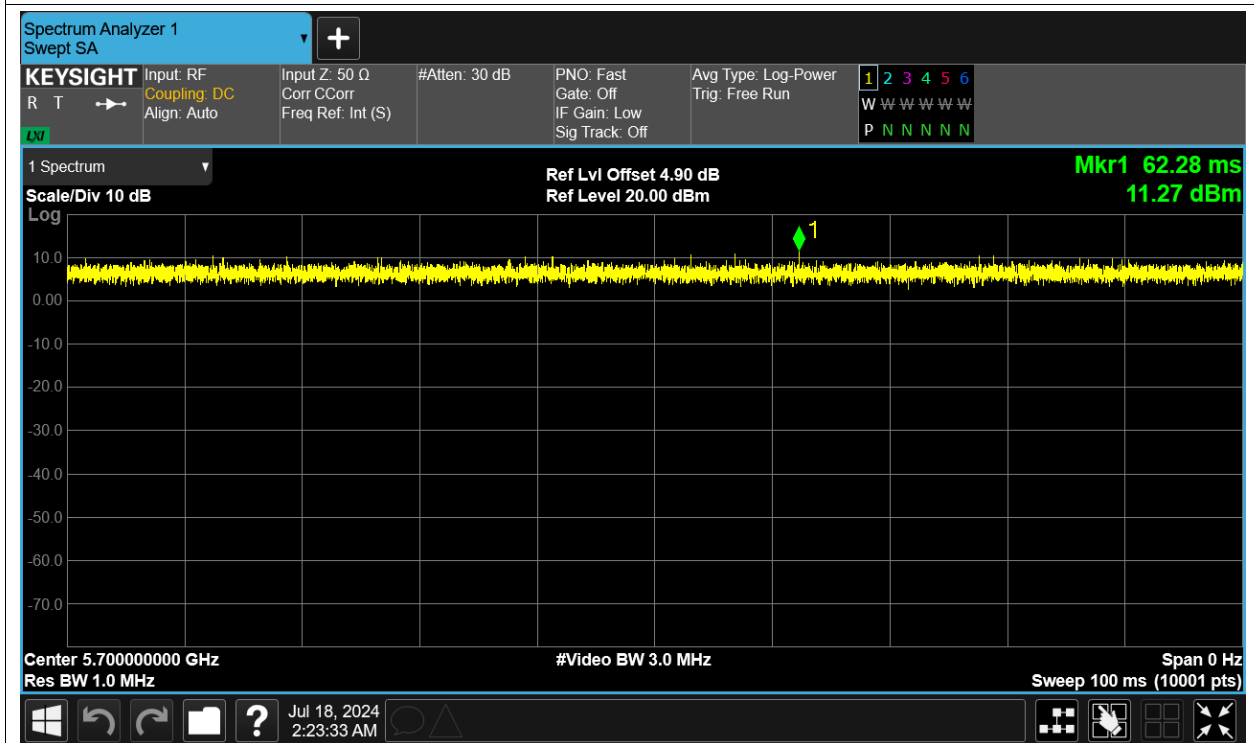
Duty Cycle NVNT ac20 5500MHz ANT13



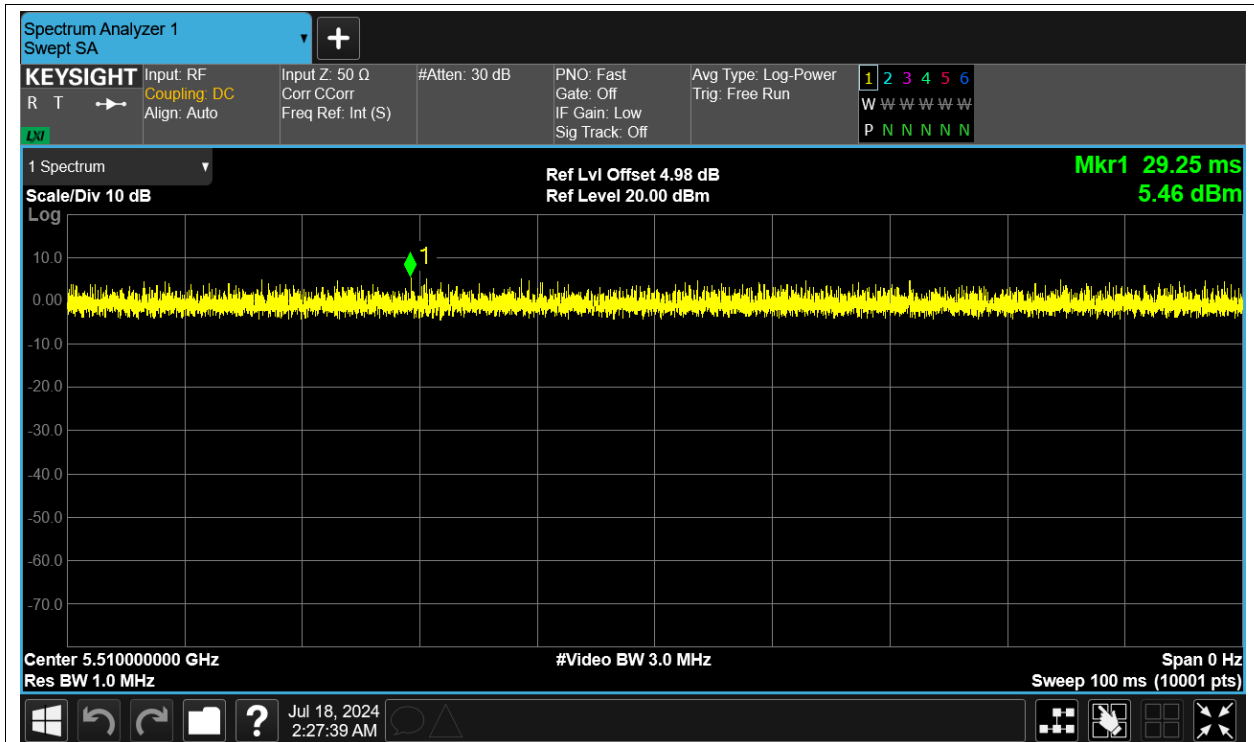
Duty Cycle NVNT ac20 5600MHz ANT13



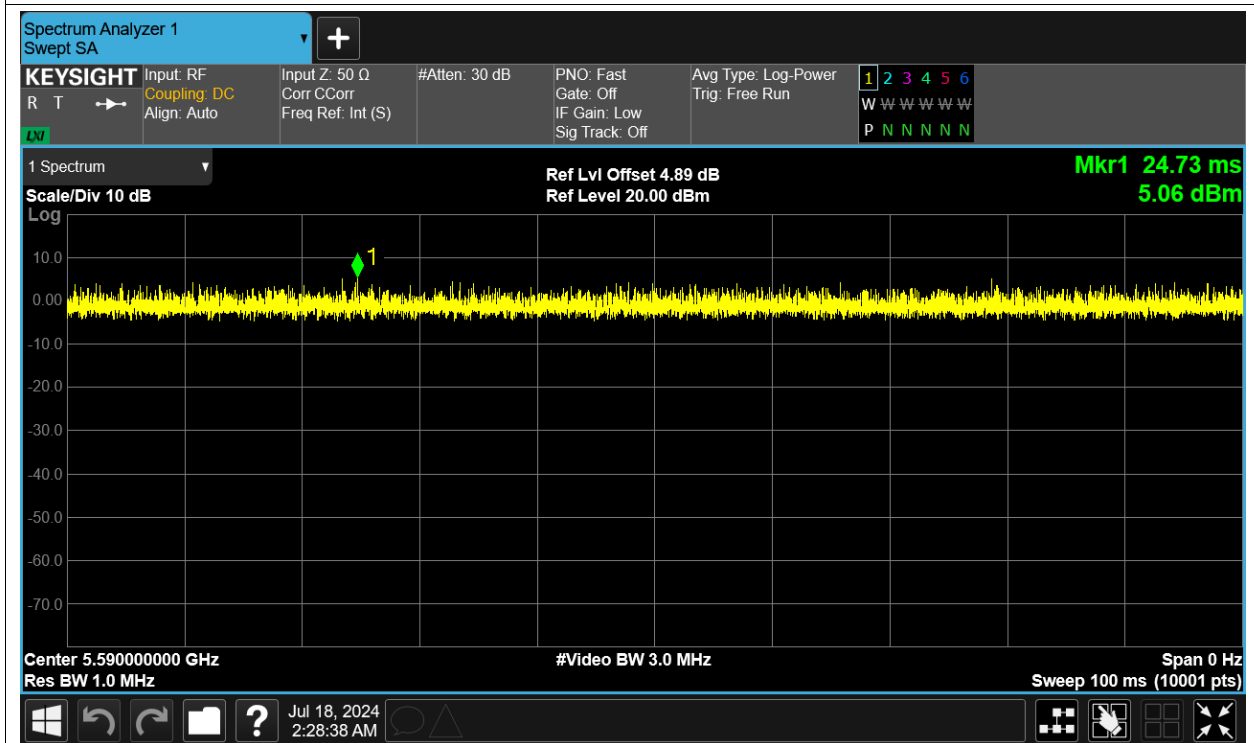
Duty Cycle NVNT ac20 5700MHz ANT13



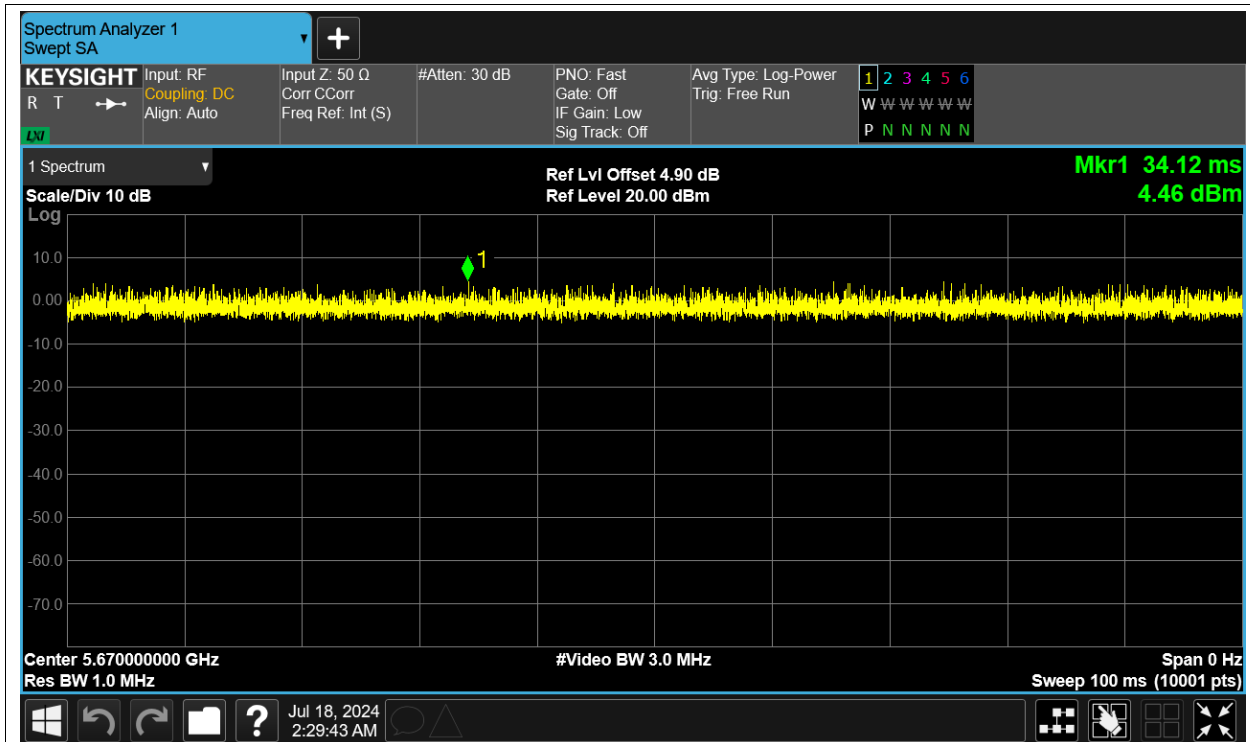
Duty Cycle NVNT ac40 5510MHz ANT13



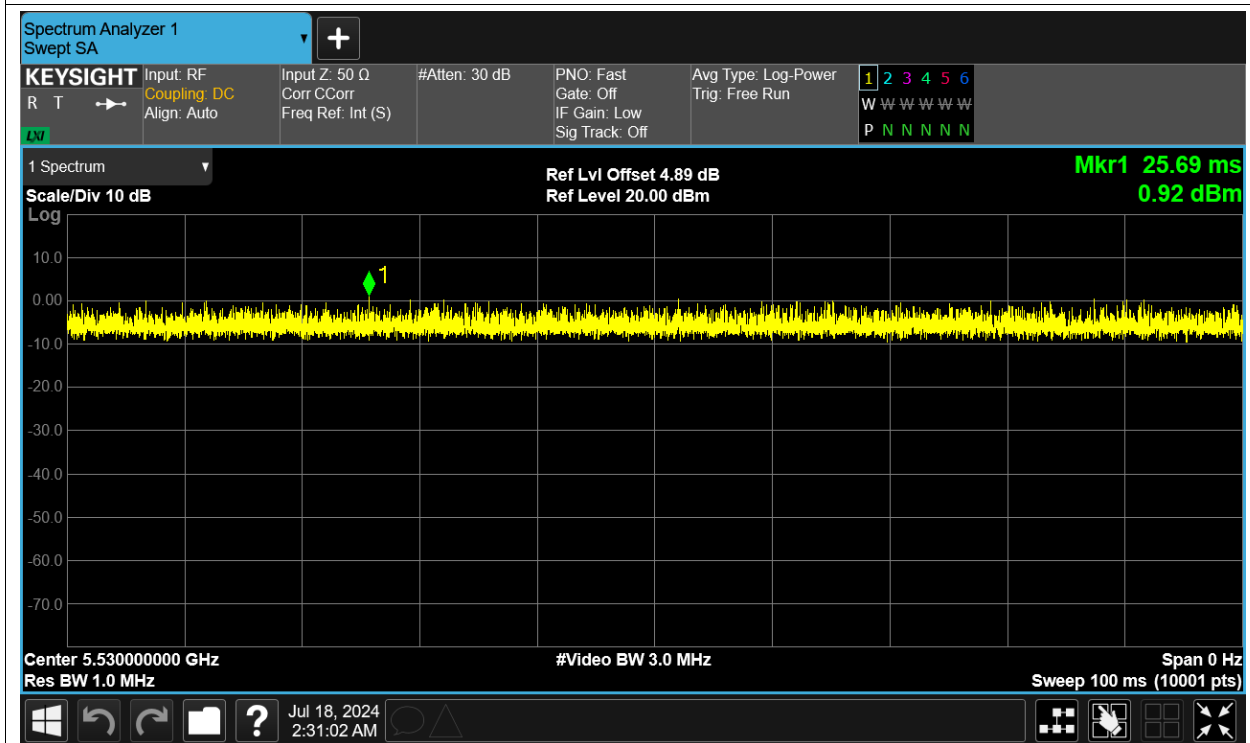
Duty Cycle NVNT ac40 5590MHz ANT13



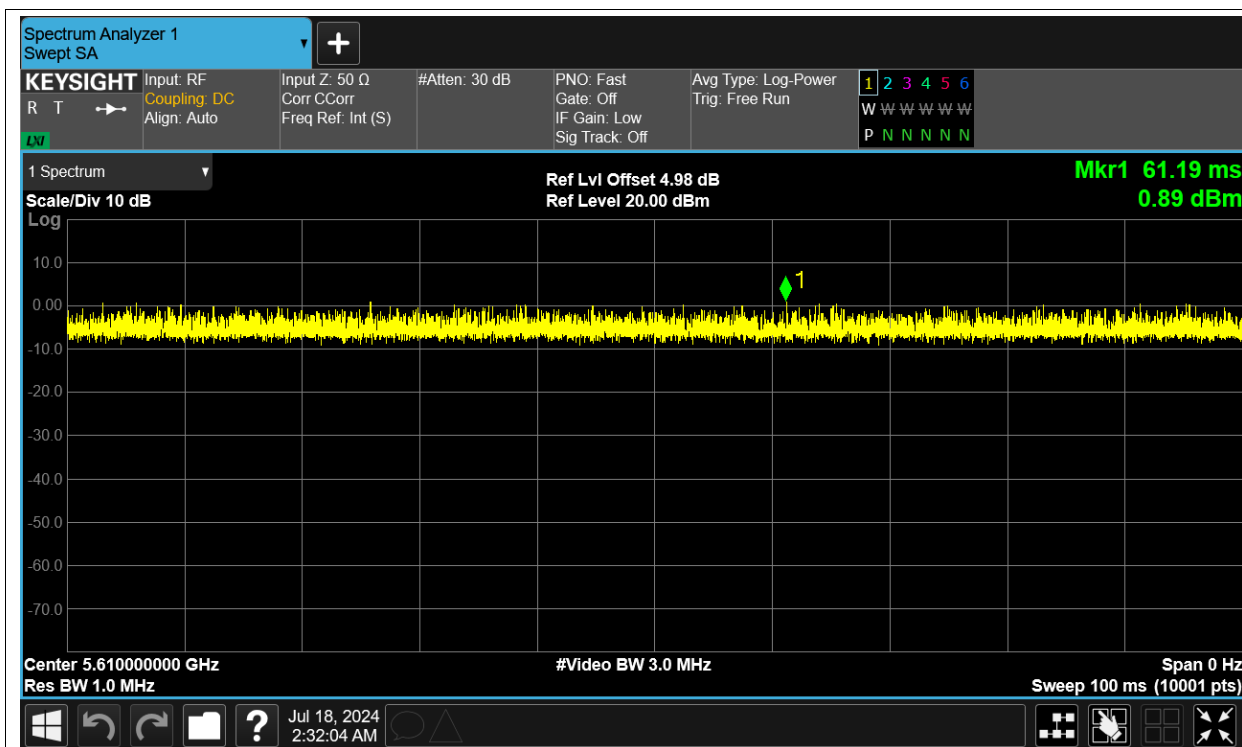
Duty Cycle NVNT ac40 5670MHz ANT13



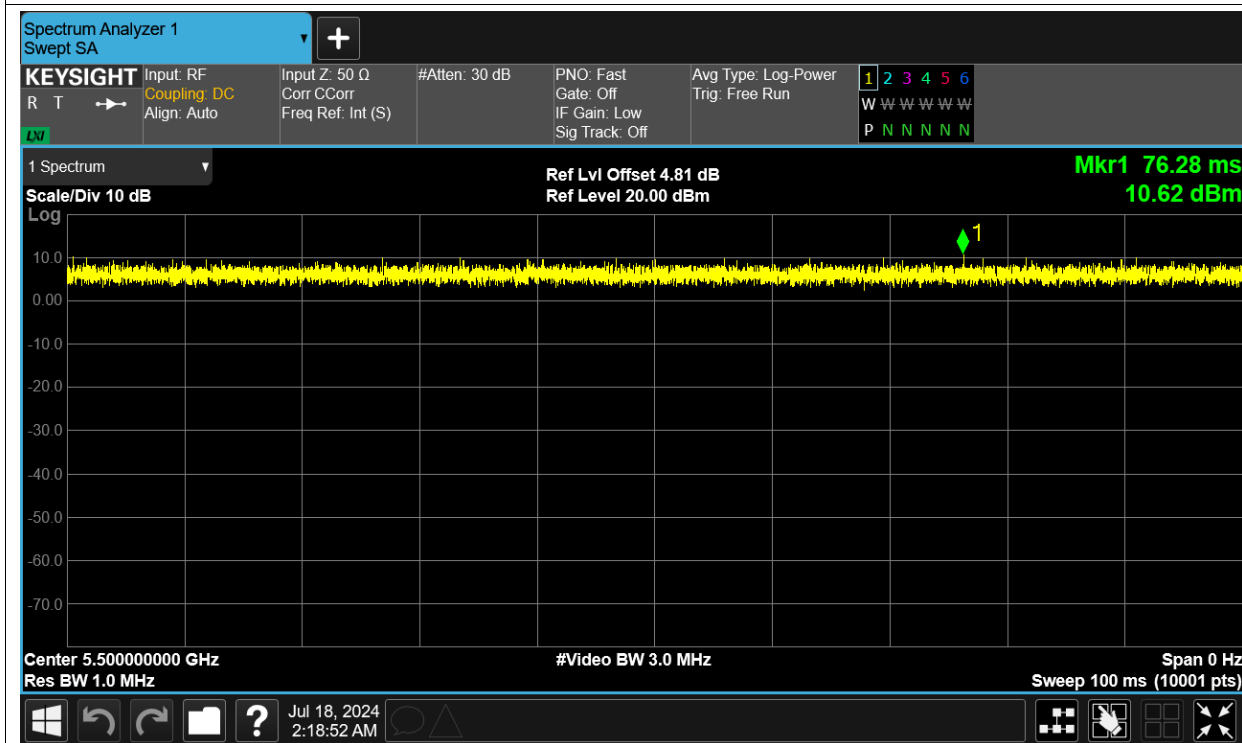
Duty Cycle NVNT ac80 5530MHz ANT13



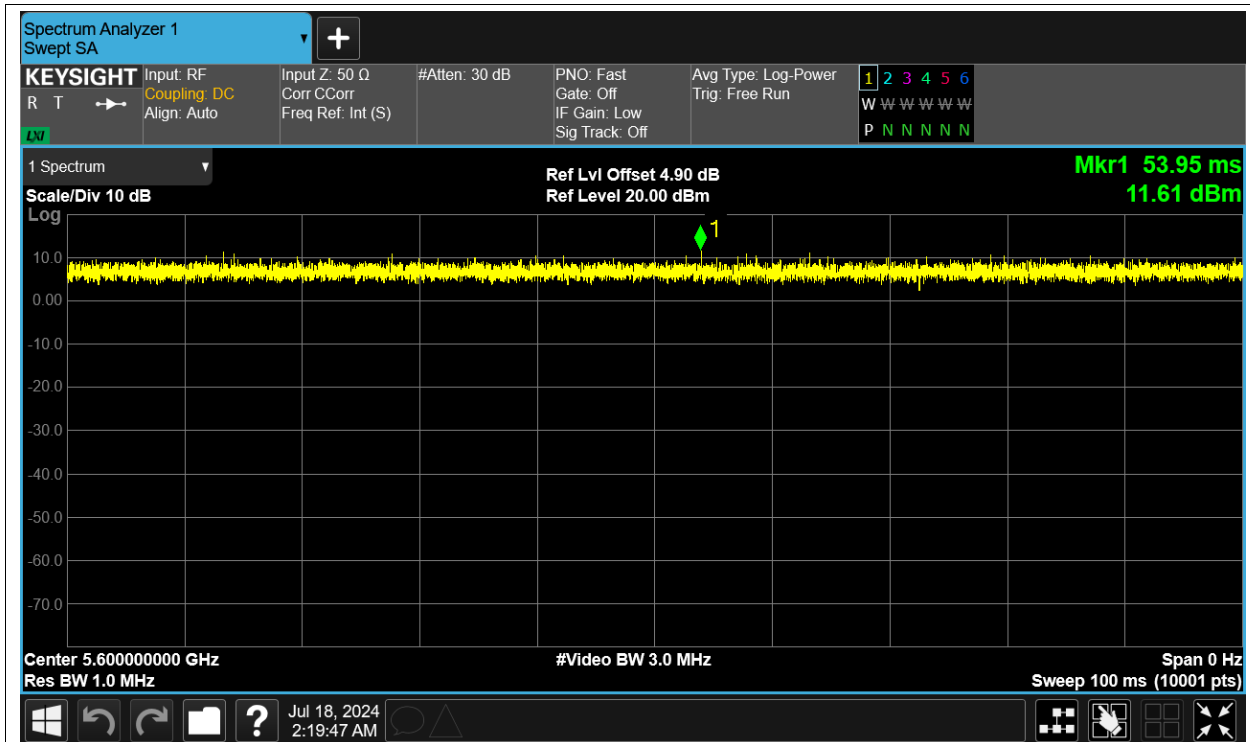
Duty Cycle NVNT ac80 5610MHz ANT13



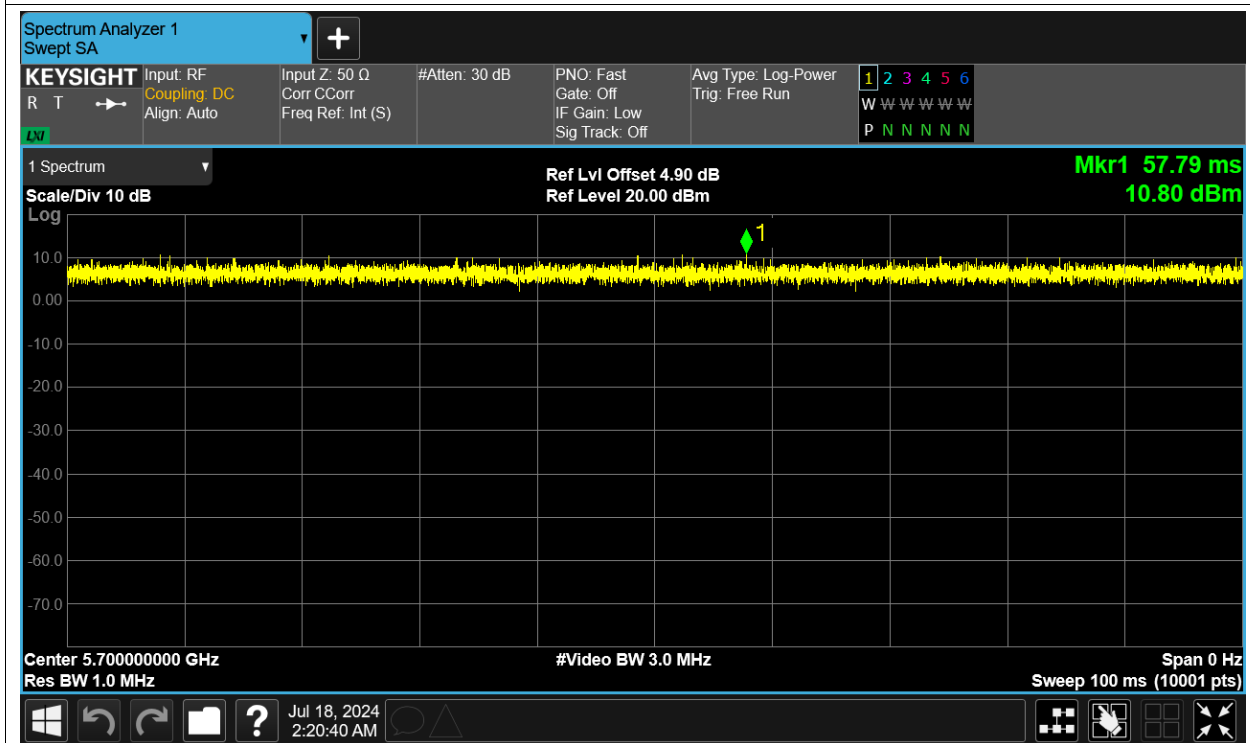
Duty Cycle NVNT n20 5500MHz ANT13



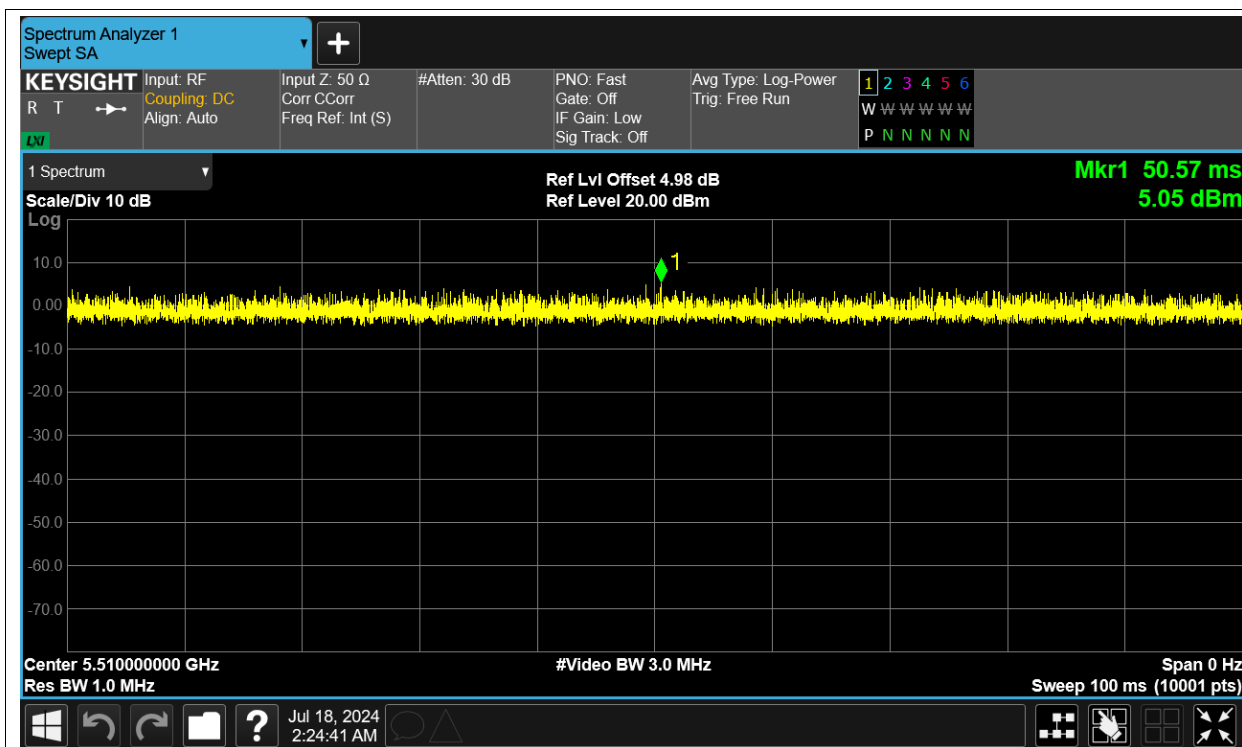
Duty Cycle NVNT n20 5600MHz ANT13



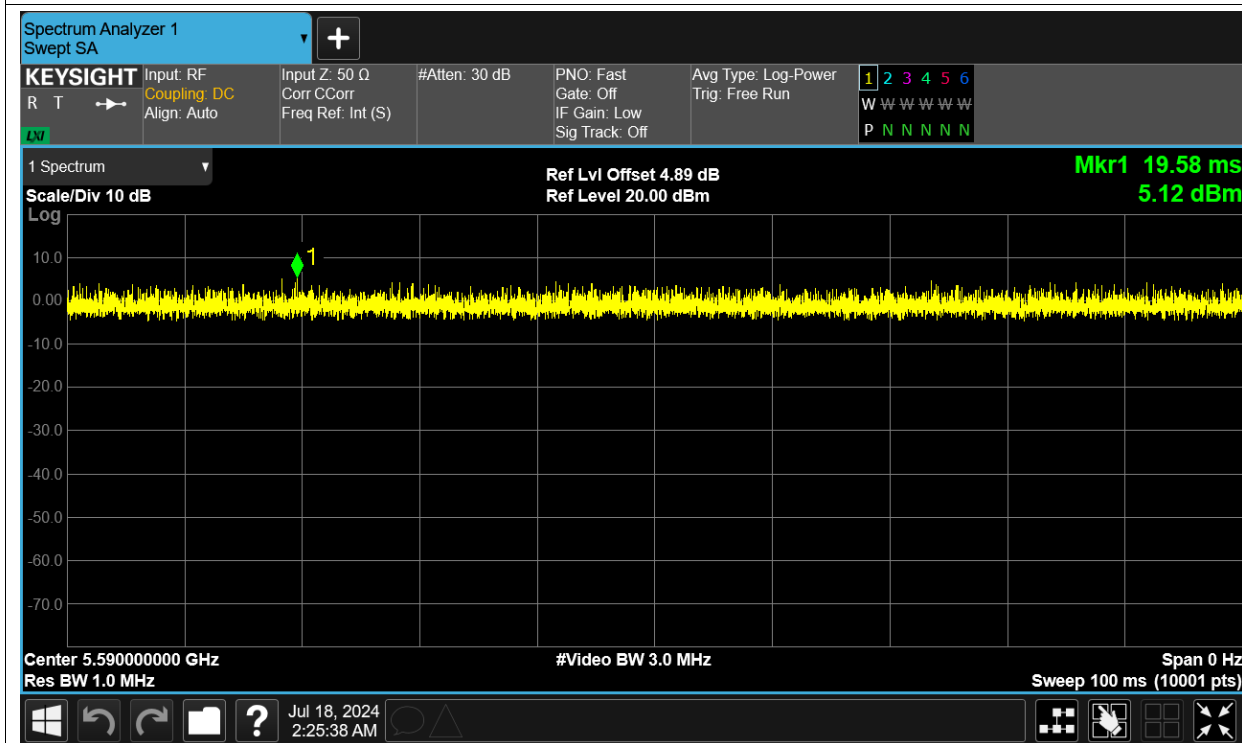
Duty Cycle NVNT n20 5700MHz ANT13



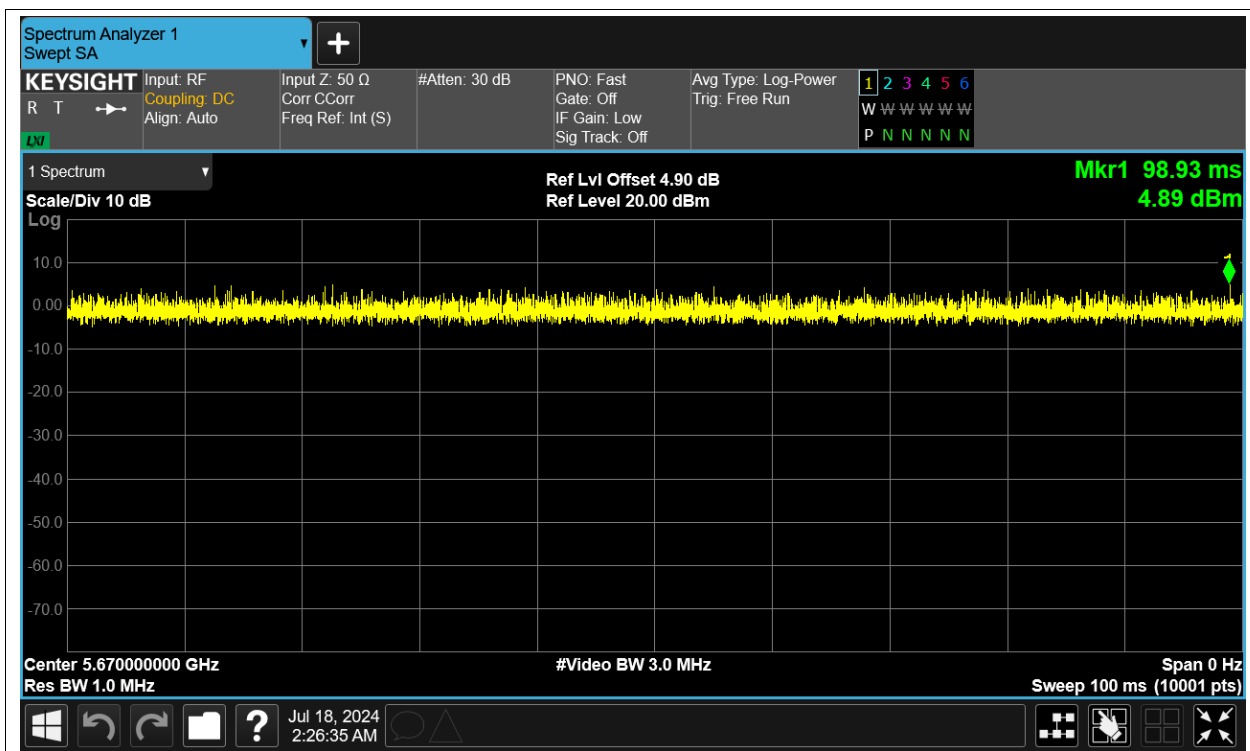
Duty Cycle NVNT n40 5510MHz ANT13



Duty Cycle NVNT n40 5590MHz ANT13



Duty Cycle NVNT n40 5670MHz ANT13



## Maximum Conducted Output Power

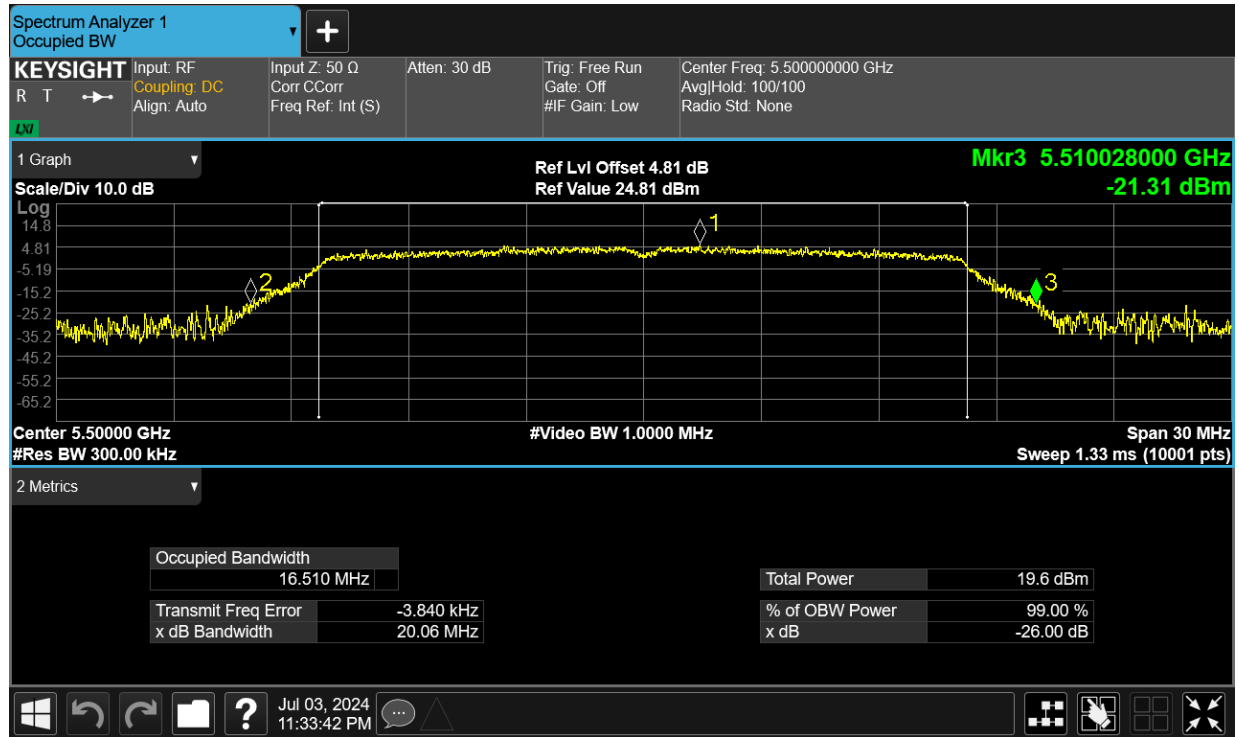
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5500               | ANT13   | 14.27                    | 0                   | 14.27                | 24             | Pass    |
| NVNT      | a    | 5600               | ANT13   | 14.87                    | 0                   | 14.87                | 24             | Pass    |
| NVNT      | a    | 5700               | ANT13   | 14.64                    | 0                   | 14.64                | 24             | Pass    |
| NVNT      | ac20 | 5500               | ANT13   | 13.39                    | 0                   | 13.39                | 24             | Pass    |
| NVNT      | ac20 | 5600               | ANT13   | 13.74                    | 0                   | 13.74                | 24             | Pass    |
| NVNT      | ac20 | 5700               | ANT13   | 13.41                    | 0                   | 13.41                | 24             | Pass    |
| NVNT      | ac40 | 5510               | ANT13   | 12.68                    | 0                   | 12.68                | 24             | Pass    |
| NVNT      | ac40 | 5590               | ANT13   | 12.41                    | 0                   | 12.41                | 24             | Pass    |
| NVNT      | ac40 | 5670               | ANT13   | 11.98                    | 0                   | 11.98                | 24             | Pass    |
| NVNT      | ac80 | 5530               | ANT13   | 11.33                    | 0                   | 11.33                | 24             | Pass    |
| NVNT      | ac80 | 5610               | ANT13   | 11.36                    | 0                   | 11.36                | 24             | Pass    |
| NVNT      | n20  | 5500               | ANT13   | 13.29                    | 0                   | 13.29                | 24             | Pass    |
| NVNT      | n20  | 5600               | ANT13   | 13.75                    | 0                   | 13.75                | 24             | Pass    |
| NVNT      | n20  | 5700               | ANT13   | 13.41                    | 0                   | 13.41                | 24             | Pass    |
| NVNT      | n40  | 5510               | ANT13   | 12.38                    | 0                   | 12.38                | 24             | Pass    |
| NVNT      | n40  | 5590               | ANT13   | 12.5                     | 0                   | 12.5                 | 24             | Pass    |
| NVNT      | n40  | 5670               | ANT13   | 12.16                    | 0                   | 12.16                | 24             | Pass    |

## -26dB Bandwidth

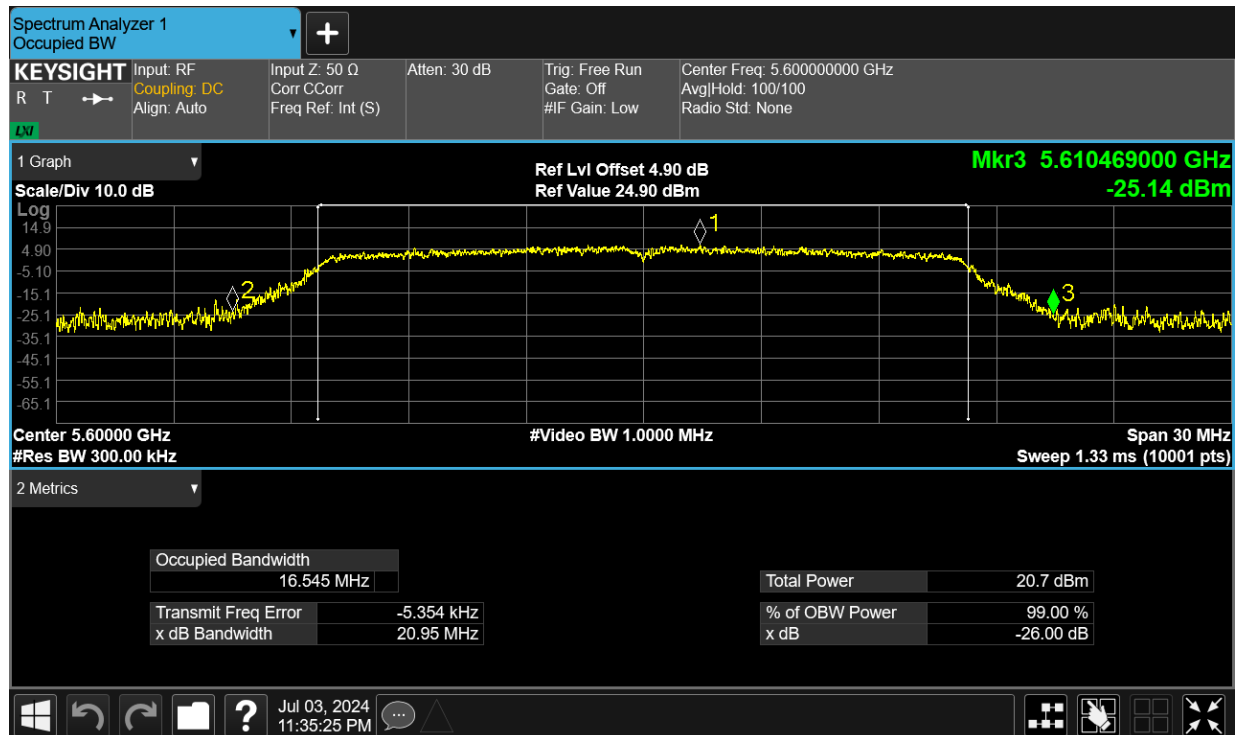
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) |
|-----------|------|-----------------|---------|------------------------|
| NVNT      | a    | 5500            | ANT13   | 20.063                 |
| NVNT      | a    | 5600            | ANT13   | 20.948                 |
| NVNT      | a    | 5700            | ANT13   | 20.269                 |
| NVNT      | ac20 | 5500            | ANT13   | 24.223                 |
| NVNT      | ac20 | 5600            | ANT13   | 25.635                 |
| NVNT      | ac20 | 5700            | ANT13   | 24.435                 |
| NVNT      | ac40 | 5510            | ANT13   | 39.718                 |
| NVNT      | ac40 | 5590            | ANT13   | 39.967                 |
| NVNT      | ac40 | 5670            | ANT13   | 45.295                 |
| NVNT      | ac80 | 5530            | ANT13   | 79.007                 |
| NVNT      | ac80 | 5610            | ANT13   | 79.579                 |
| NVNT      | n20  | 5500            | ANT13   | 26.627                 |
| NVNT      | n20  | 5600            | ANT13   | 27.605                 |
| NVNT      | n20  | 5700            | ANT13   | 27.152                 |
| NVNT      | n40  | 5510            | ANT13   | 40.046                 |
| NVNT      | n40  | 5590            | ANT13   | 48.638                 |
| NVNT      | n40  | 5670            | ANT13   | 46.112                 |

## Test Graphs

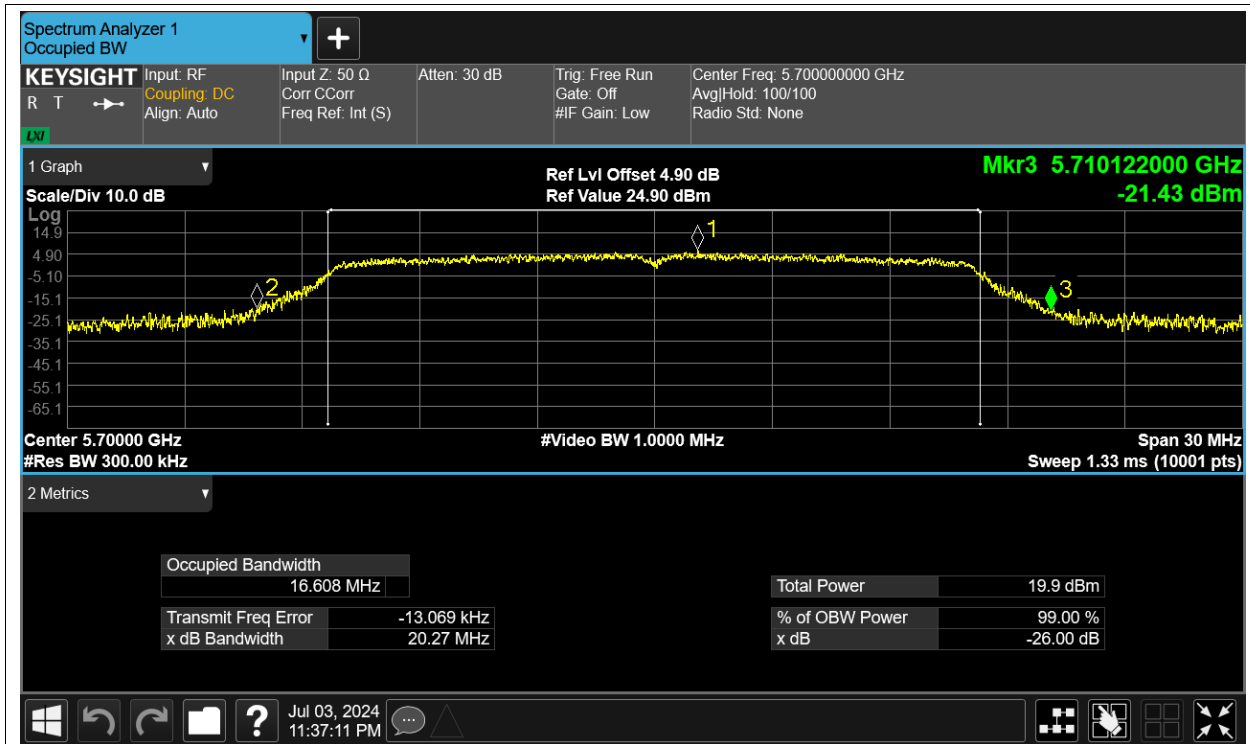
### -26dB Bandwidth NVNT a 5500MHz ANT13



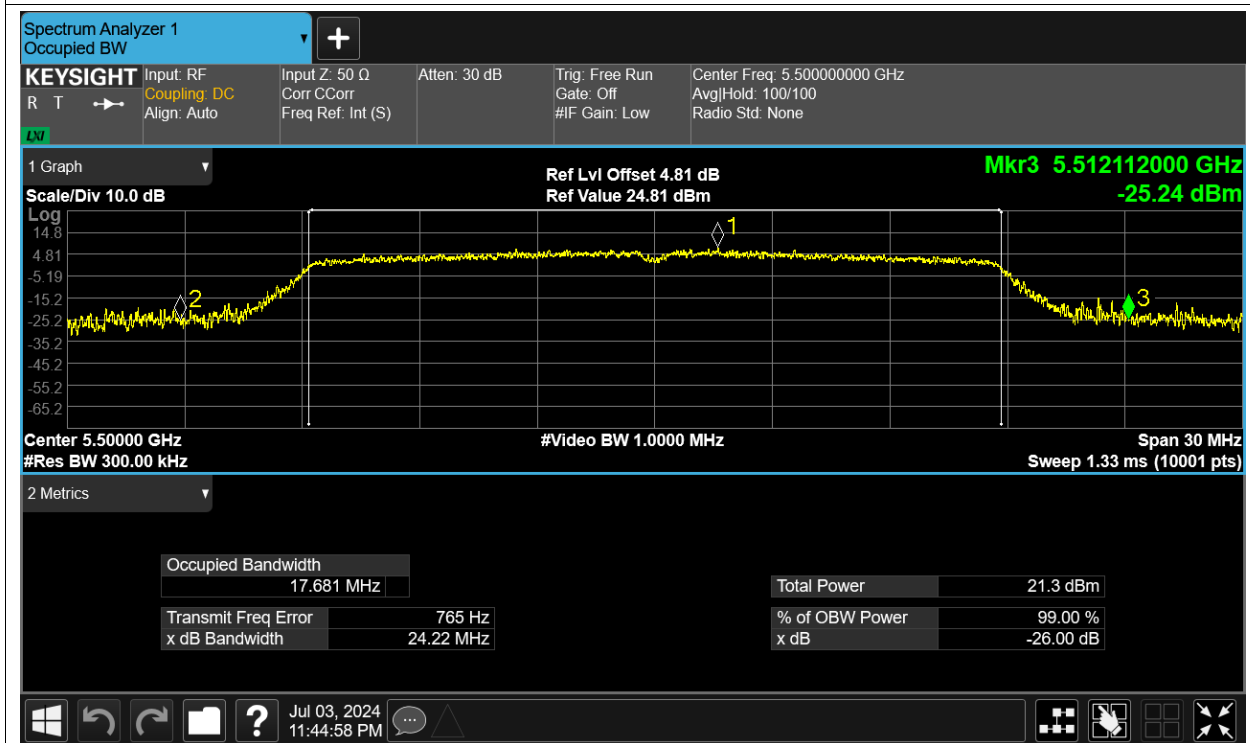
### -26dB Bandwidth NVNT a 5600MHz ANT13



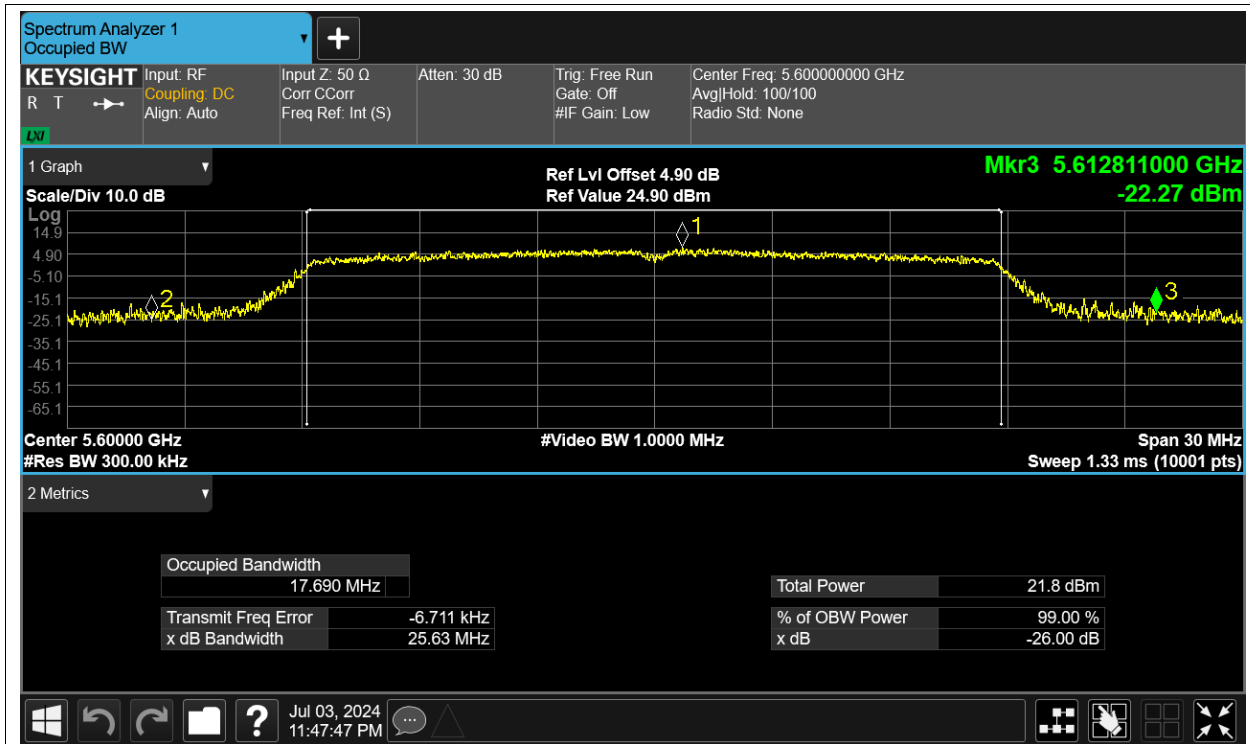
### -26dB Bandwidth NVNT a 5700MHz ANT13



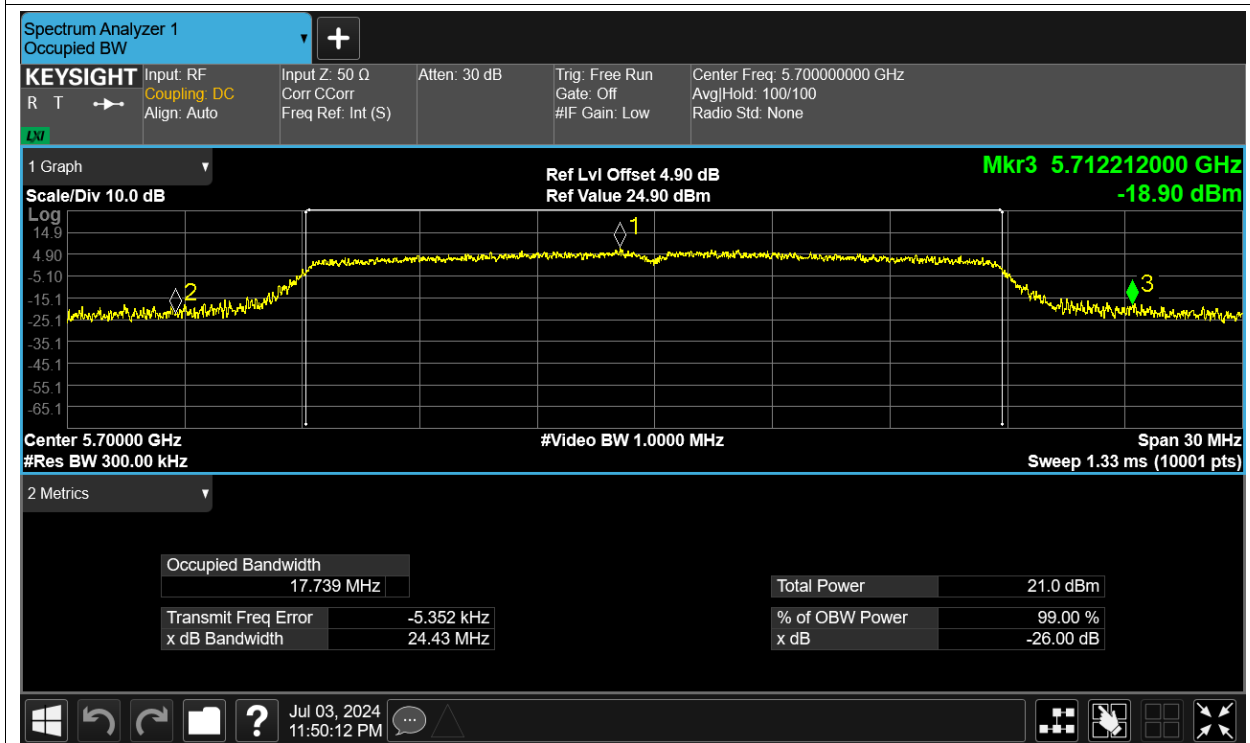
-26dB Bandwidth NVNT ac20 5500MHz ANT13



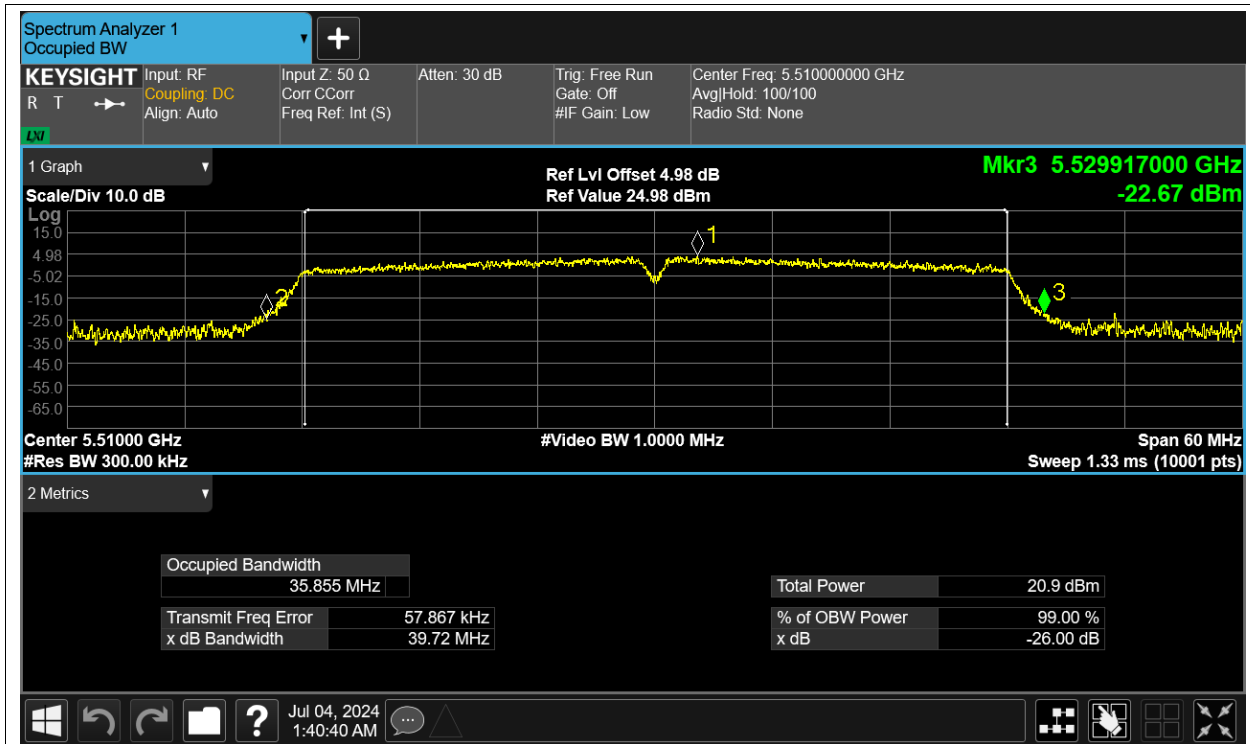
-26dB Bandwidth NVNT ac20 5600MHz ANT13



-26dB Bandwidth NVNT ac20 5700MHz ANT13



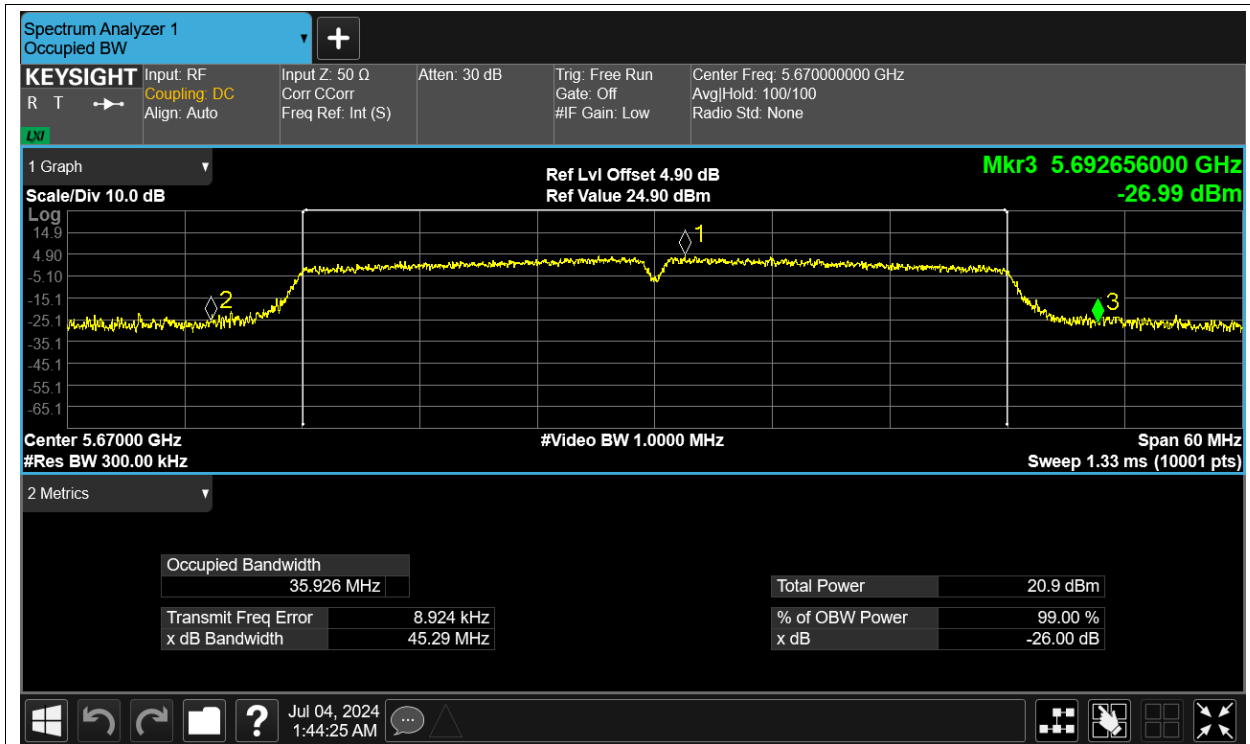
-26dB Bandwidth NVNT ac40 5510MHz ANT13



-26dB Bandwidth NVNT ac40 5590MHz ANT13



-26dB Bandwidth NVNT ac40 5670MHz ANT13



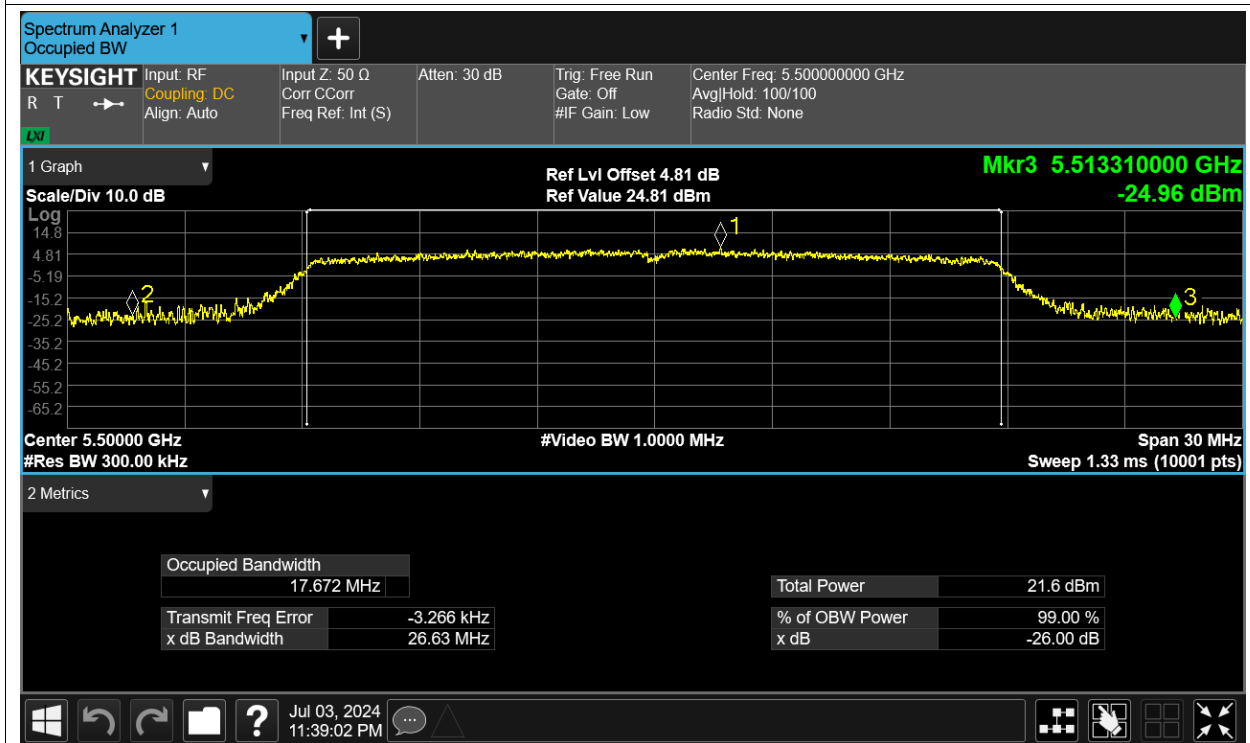
-26dB Bandwidth NVNT ac80 5530MHz ANT13



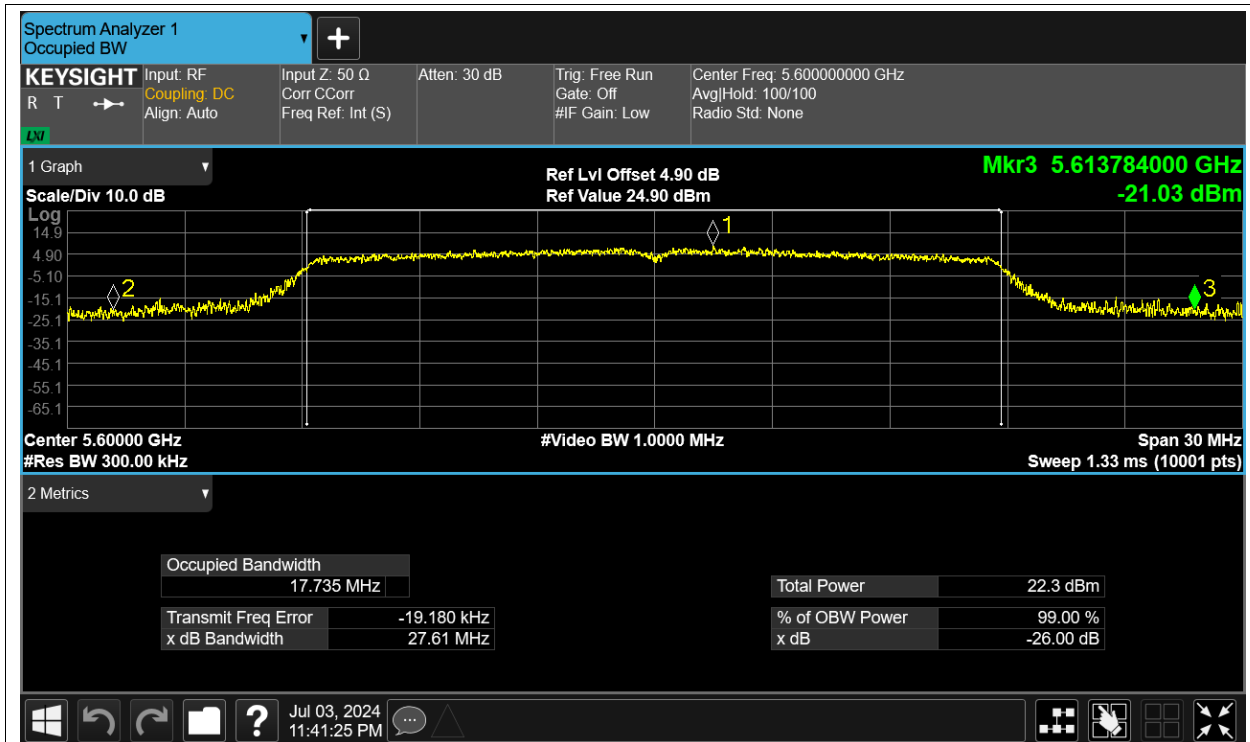
-26dB Bandwidth NVNT ac80 5610MHz ANT13



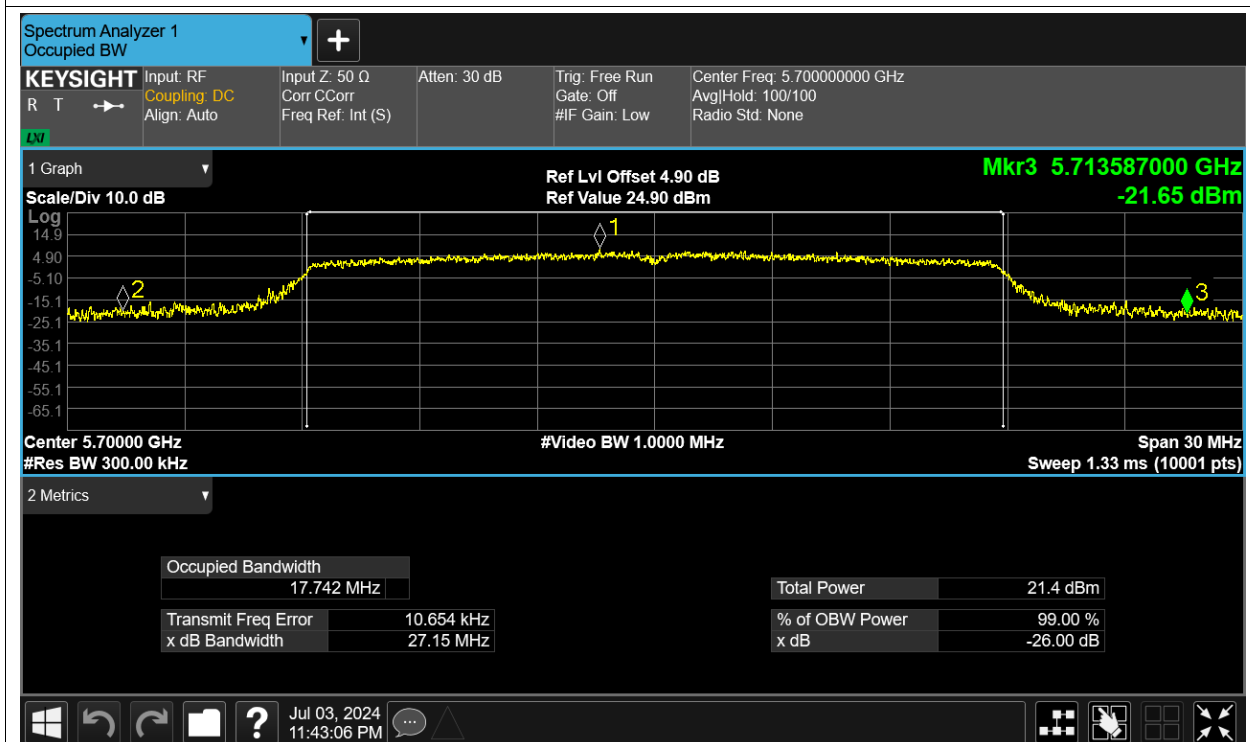
-26dB Bandwidth NVNT n20 5500MHz ANT13



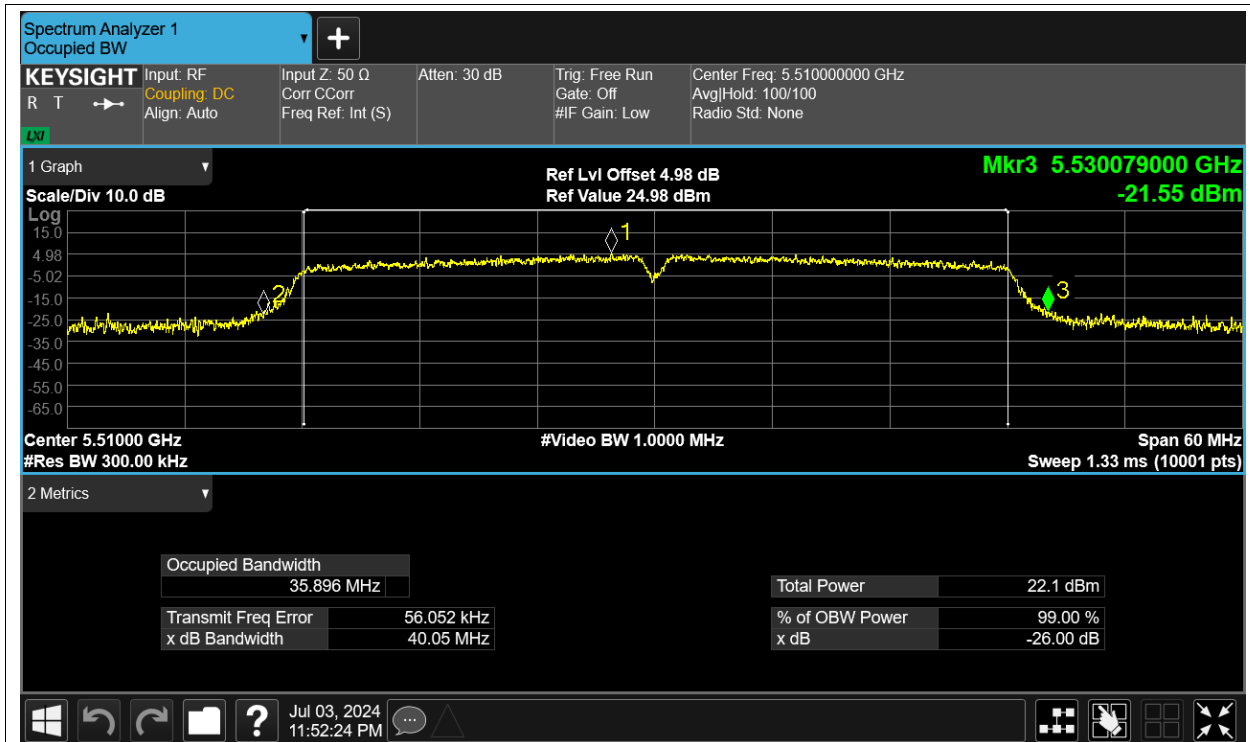
-26dB Bandwidth NVNT n20 5600MHz ANT13



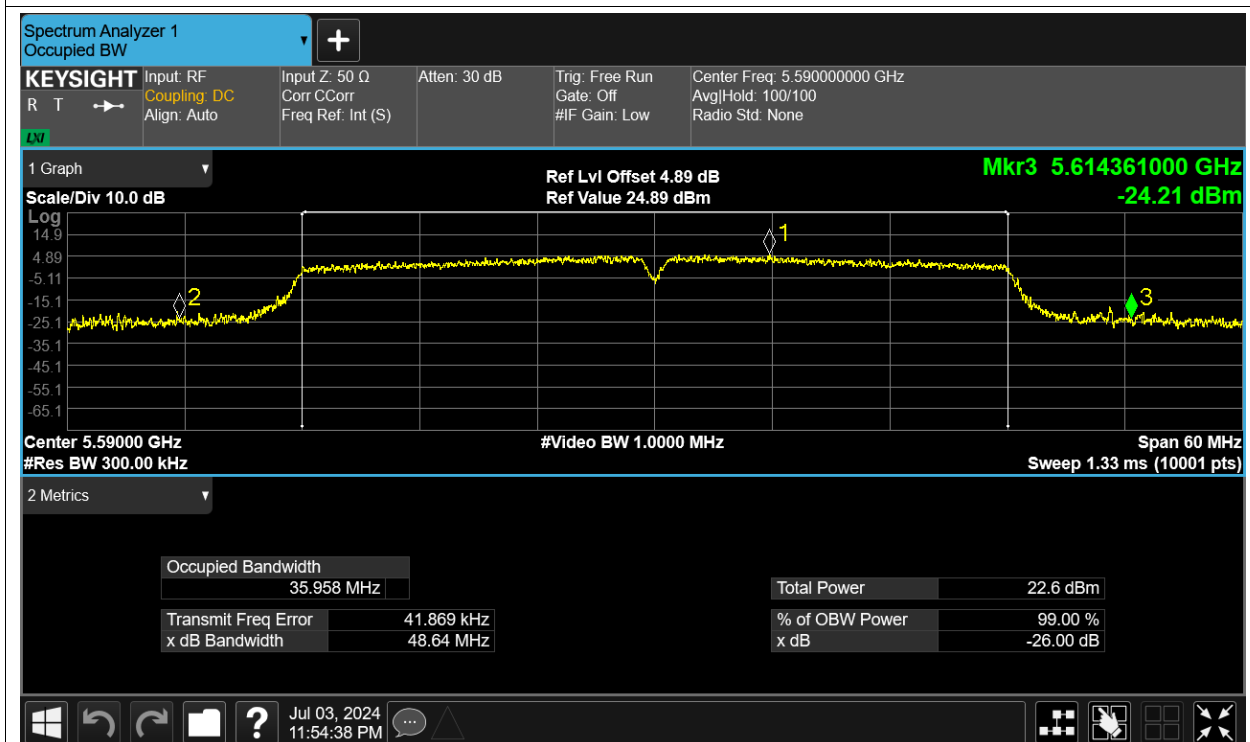
-26dB Bandwidth NVNT n20 5700MHz ANT13



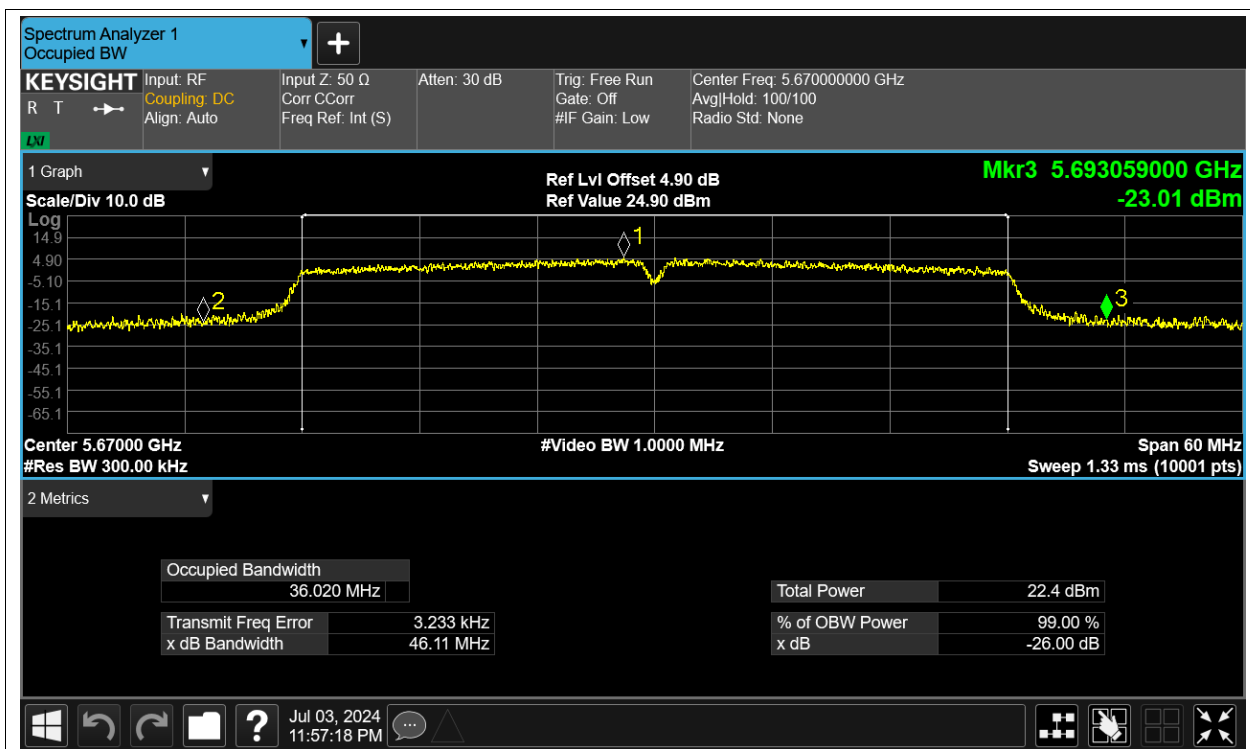
-26dB Bandwidth NVNT n40 5510MHz ANT13



-26dB Bandwidth NVNT n40 5590MHz ANT13



-26dB Bandwidth NVNT n40 5670MHz ANT13

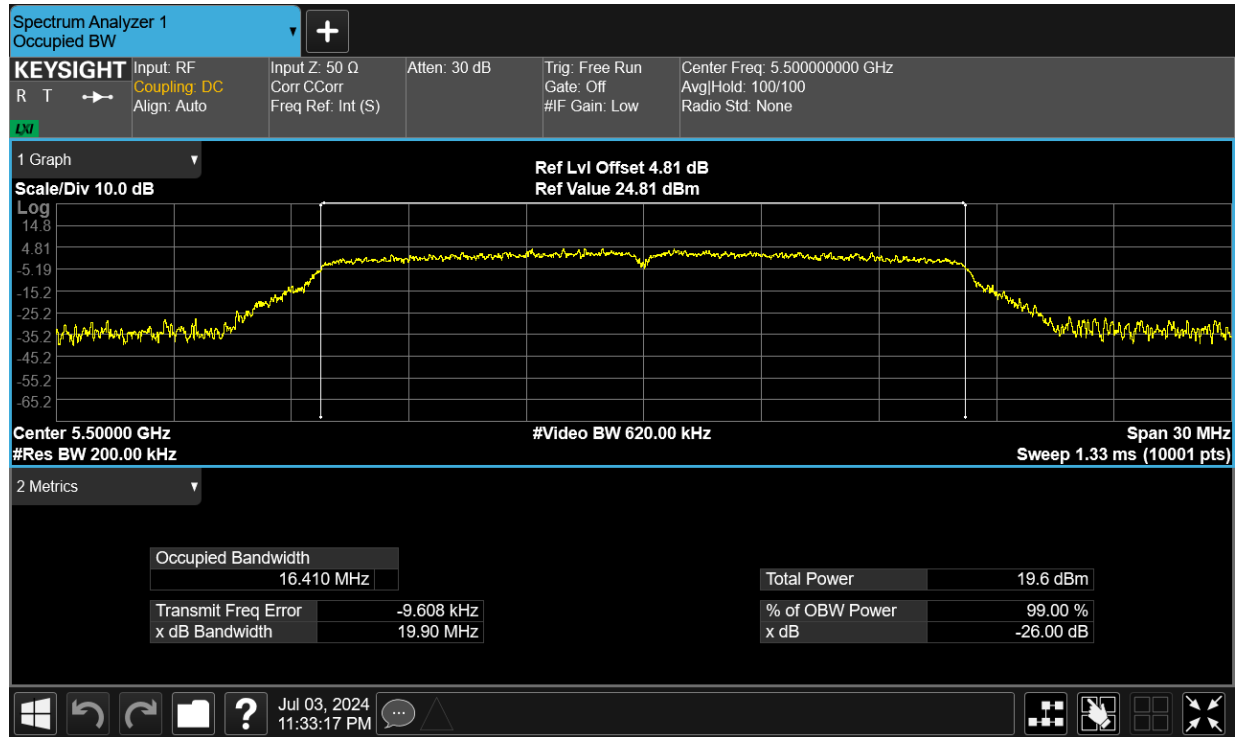


## Occupied Channel Bandwidth

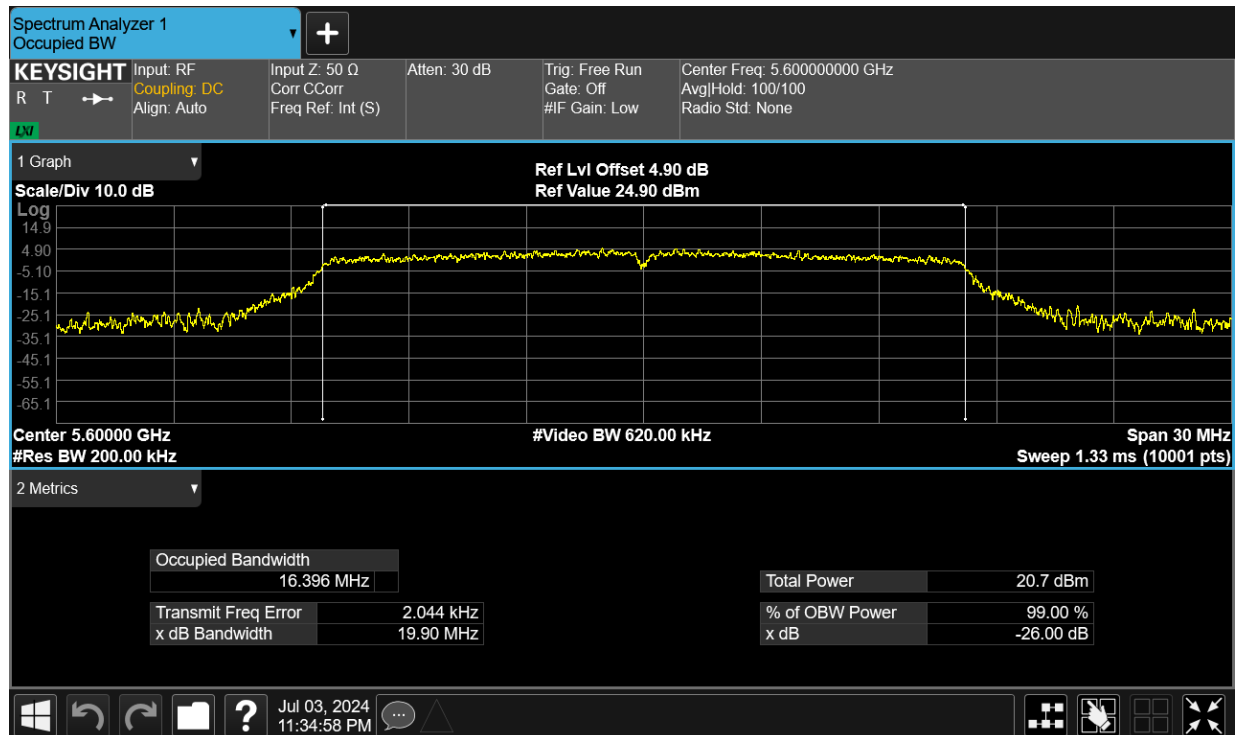
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5500            | ANT13   | 16.41         |
| NVNT      | a    | 5600            | ANT13   | 16.396        |
| NVNT      | a    | 5700            | ANT13   | 16.488        |
| NVNT      | ac20 | 5500            | ANT13   | 17.608        |
| NVNT      | ac20 | 5600            | ANT13   | 17.6          |
| NVNT      | ac20 | 5700            | ANT13   | 17.683        |
| NVNT      | ac40 | 5510            | ANT13   | 36.001        |
| NVNT      | ac40 | 5590            | ANT13   | 35.987        |
| NVNT      | ac40 | 5670            | ANT13   | 36.016        |
| NVNT      | ac80 | 5530            | ANT13   | 75.118        |
| NVNT      | ac80 | 5610            | ANT13   | 75.237        |
| NVNT      | n20  | 5500            | ANT13   | 17.601        |
| NVNT      | n20  | 5600            | ANT13   | 17.644        |
| NVNT      | n20  | 5700            | ANT13   | 17.688        |
| NVNT      | n40  | 5510            | ANT13   | 35.948        |
| NVNT      | n40  | 5590            | ANT13   | 35.981        |
| NVNT      | n40  | 5670            | ANT13   | 36.062        |

## Test Graphs

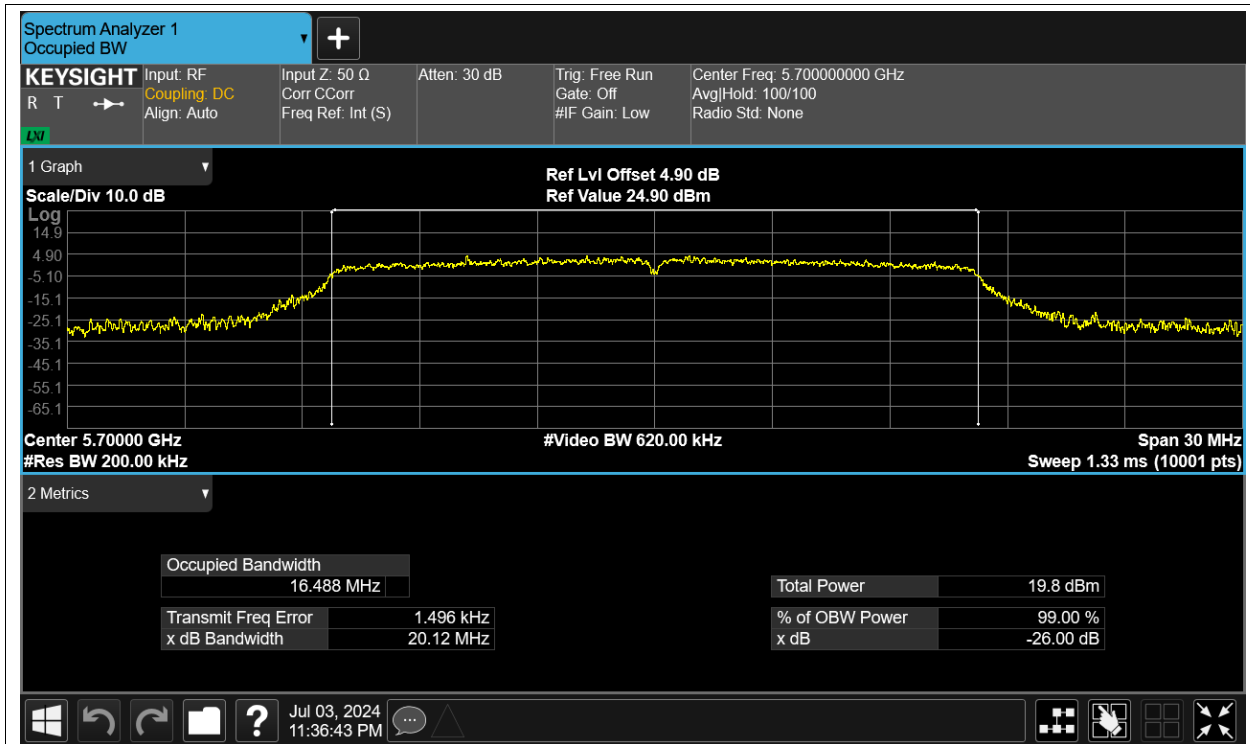
### OBW NVNT a 5500MHz ANT13



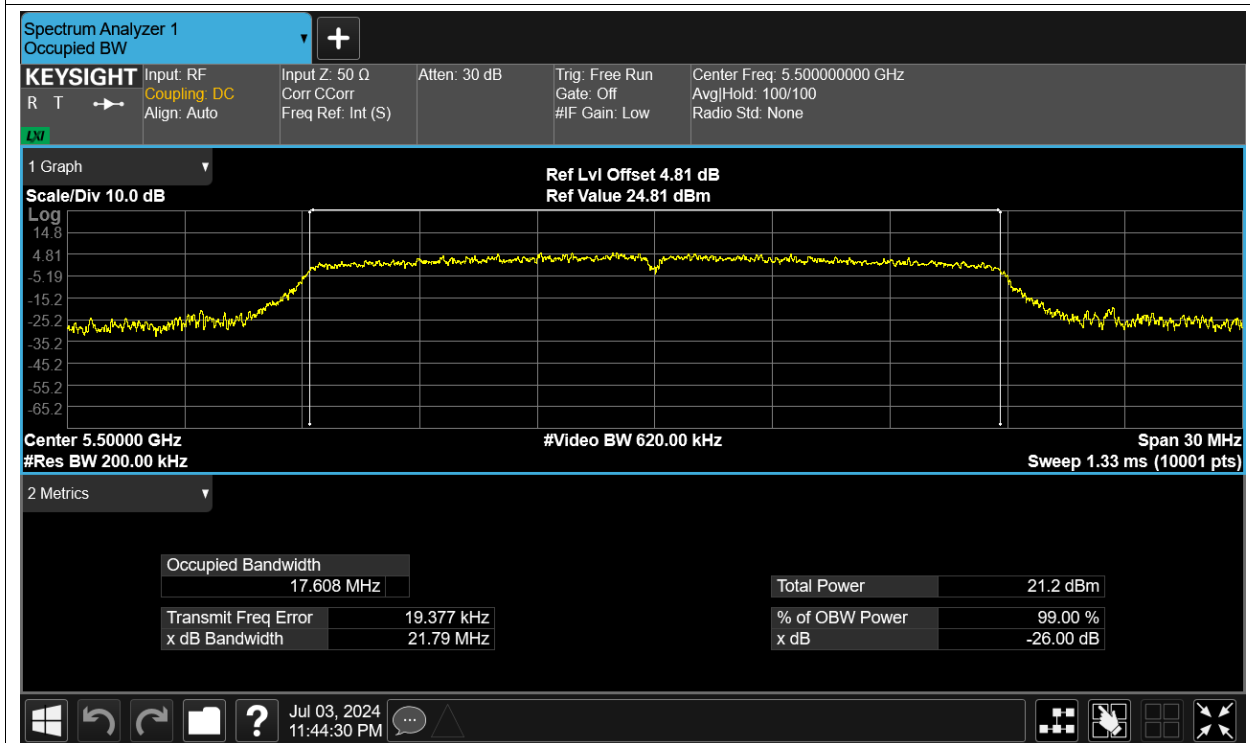
### OBW NVNT a 5600MHz ANT13



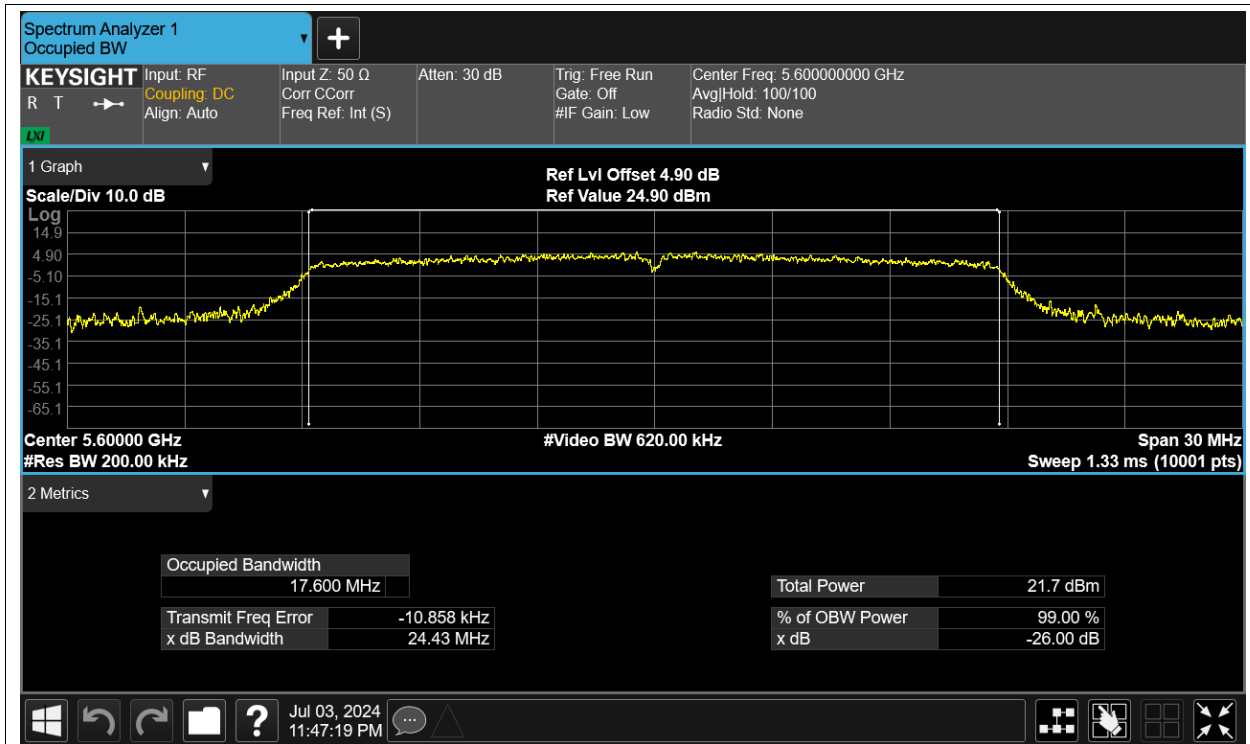
### OBW NVNT a 5700MHz ANT13



OBW NVNT ac20 5500MHz ANT13



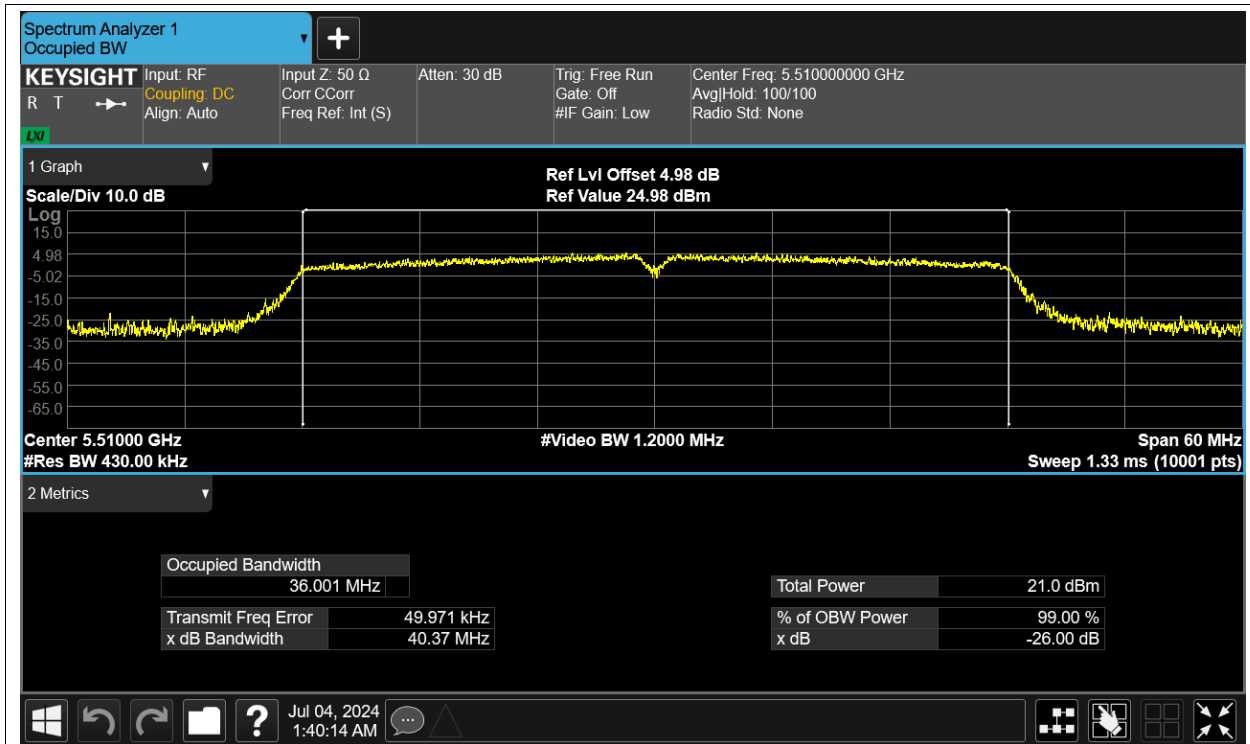
OBW NVNT ac20 5600MHz ANT13



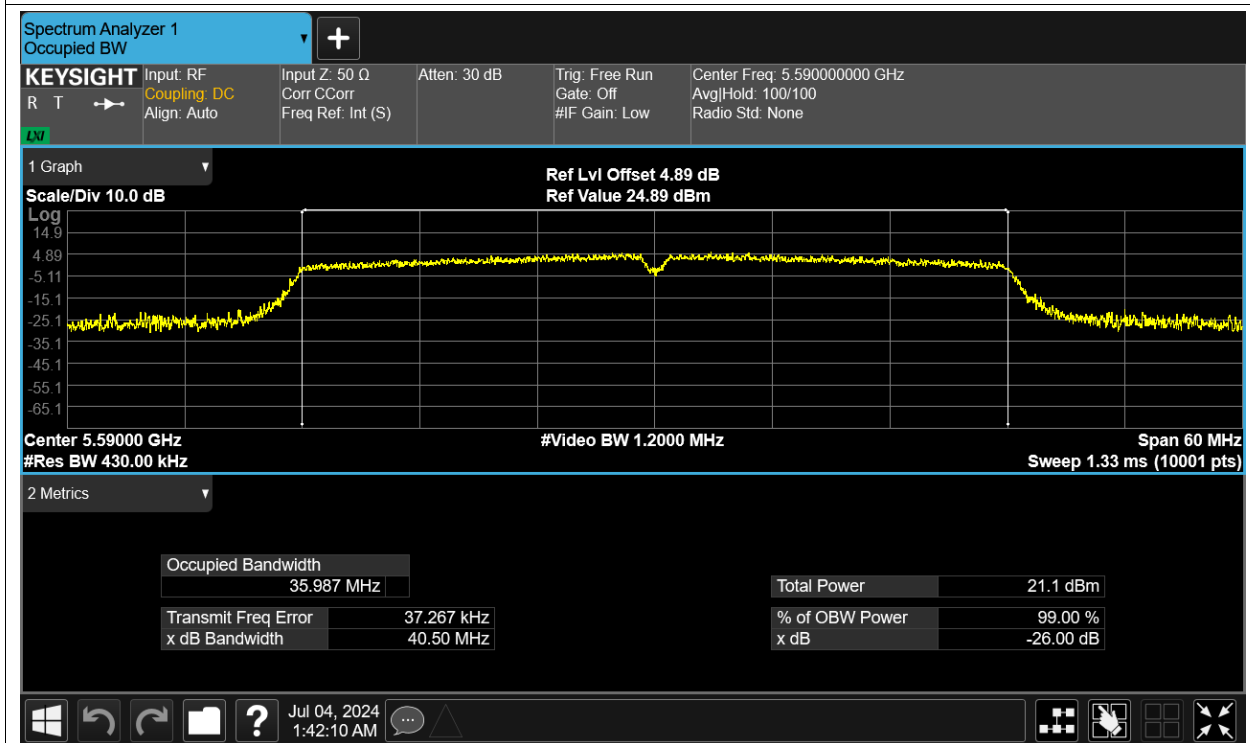
OBW NVNT ac20 5700MHz ANT13



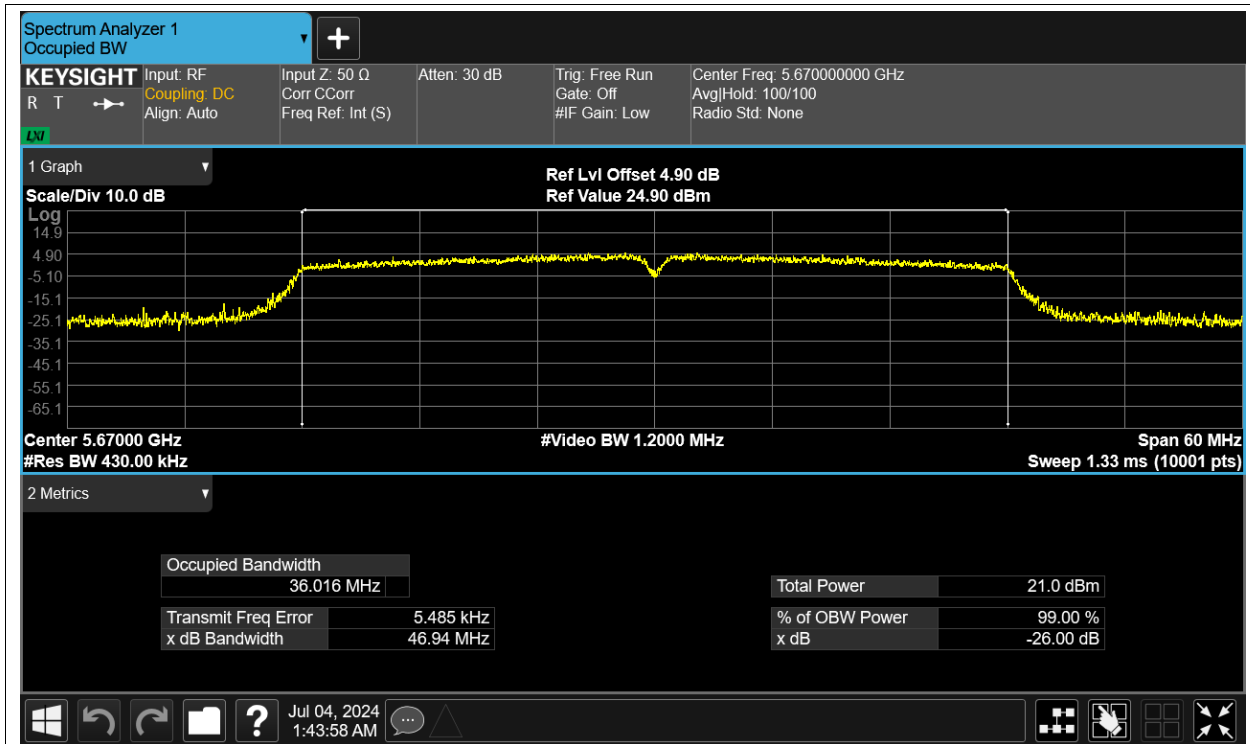
OBW NVNT ac40 5510MHz ANT13



OBW NVNT ac40 5590MHz ANT13



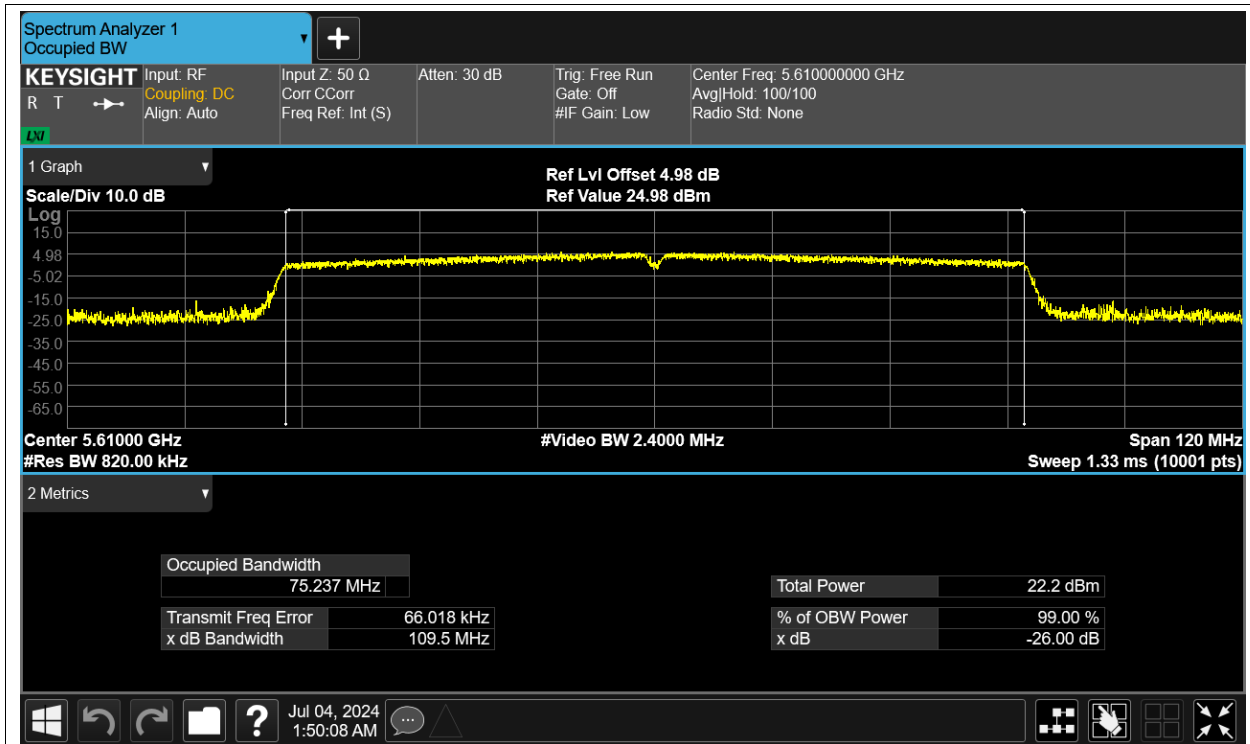
OBW NVNT ac40 5670MHz ANT13



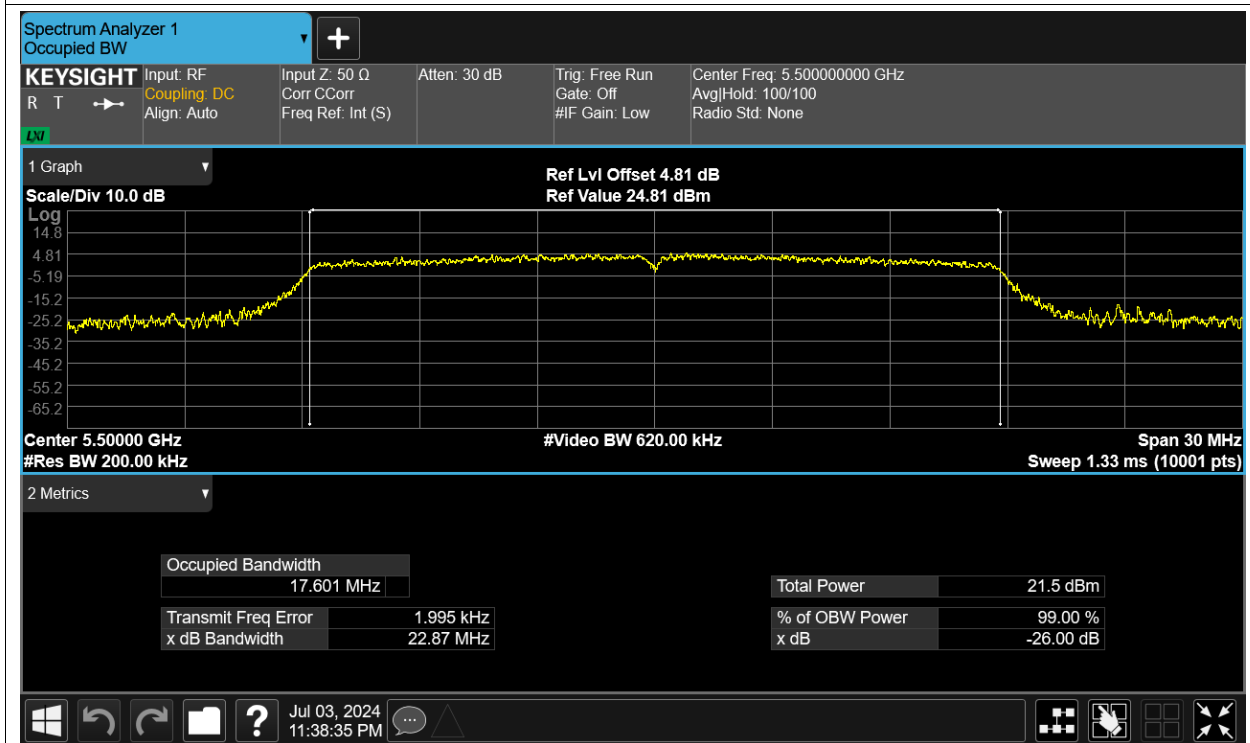
OBW NVNT ac80 5530MHz ANT13



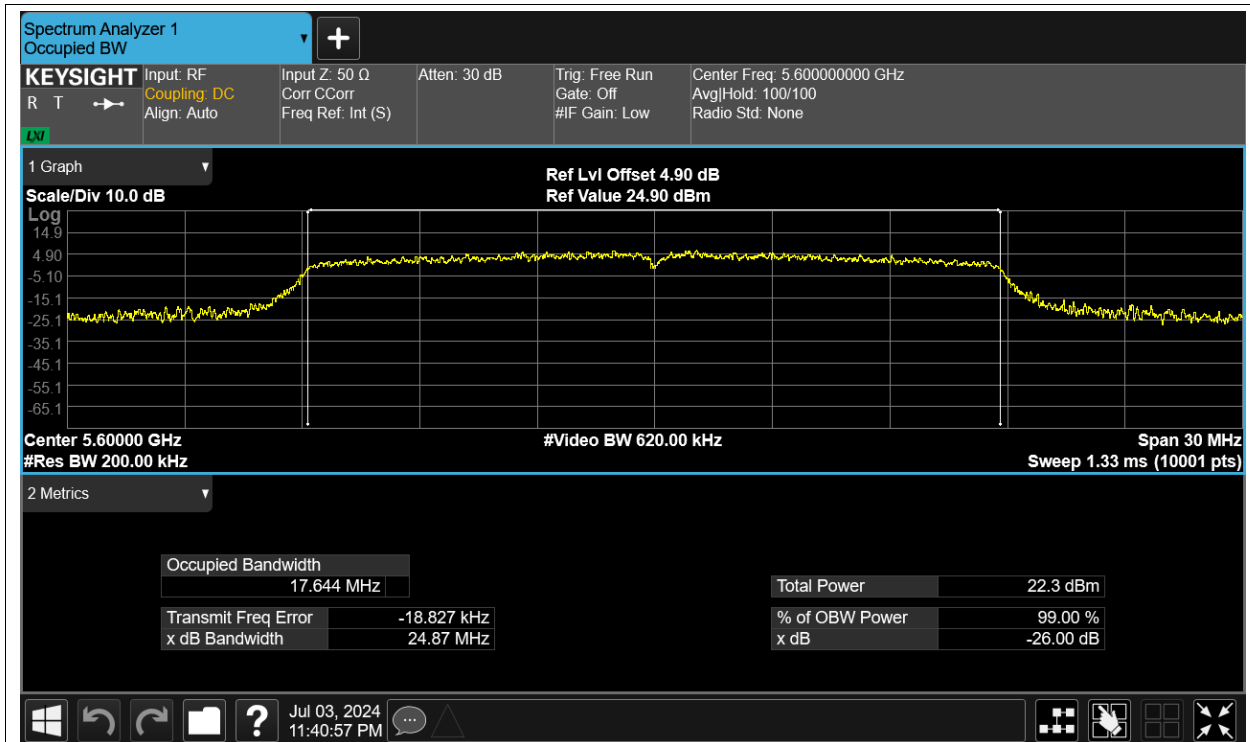
OBW NVNT ac80 5610MHz ANT13



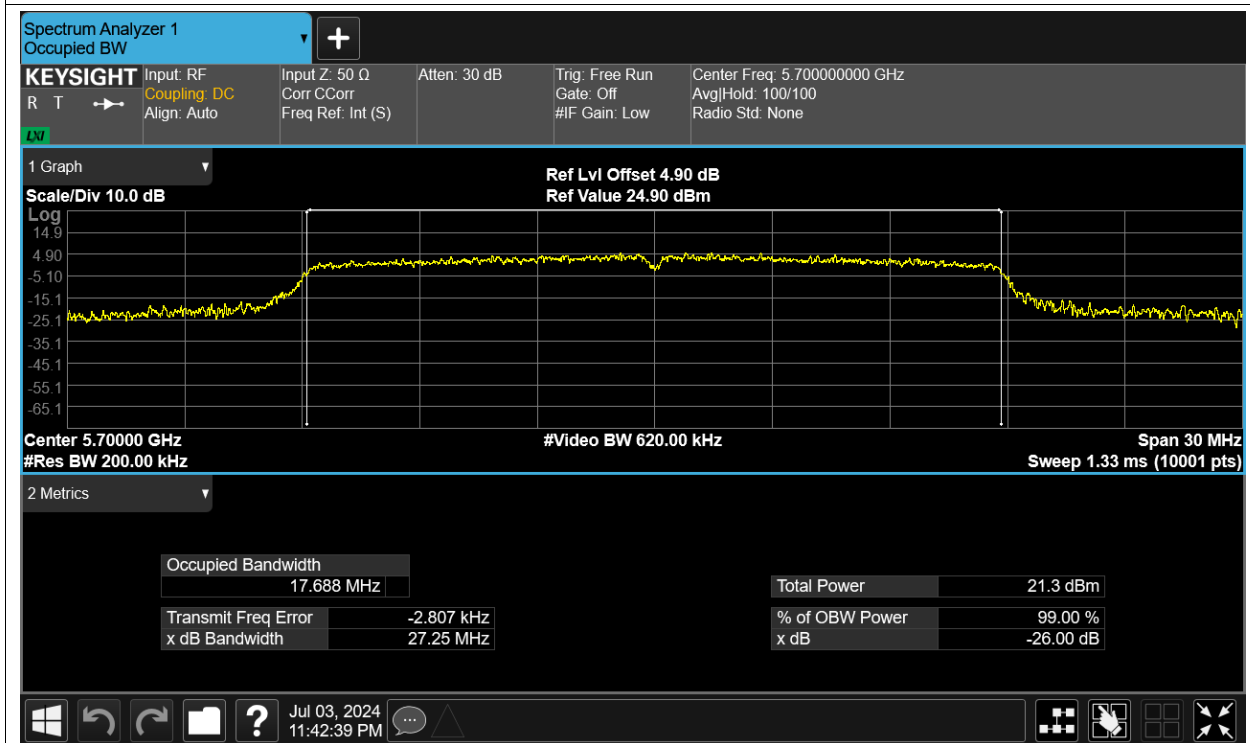
OBW NVNT n20 5500MHz ANT13



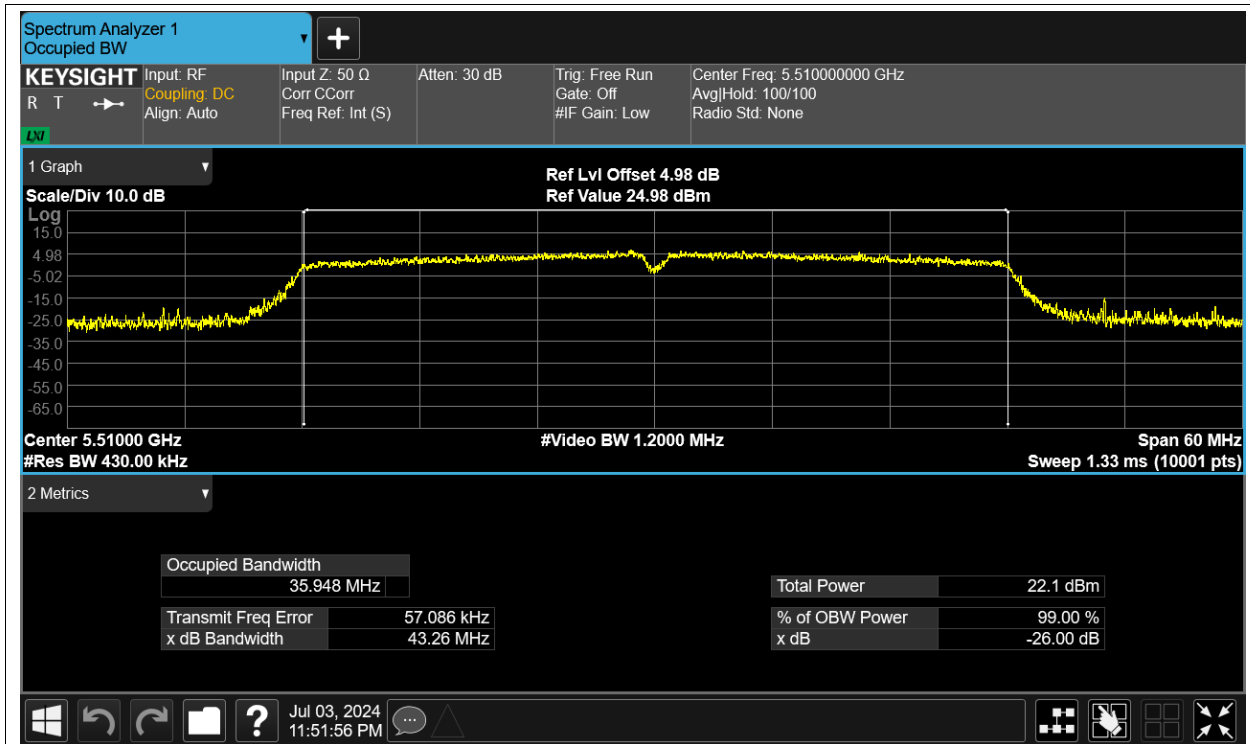
OBW NVNT n20 5600MHz ANT13



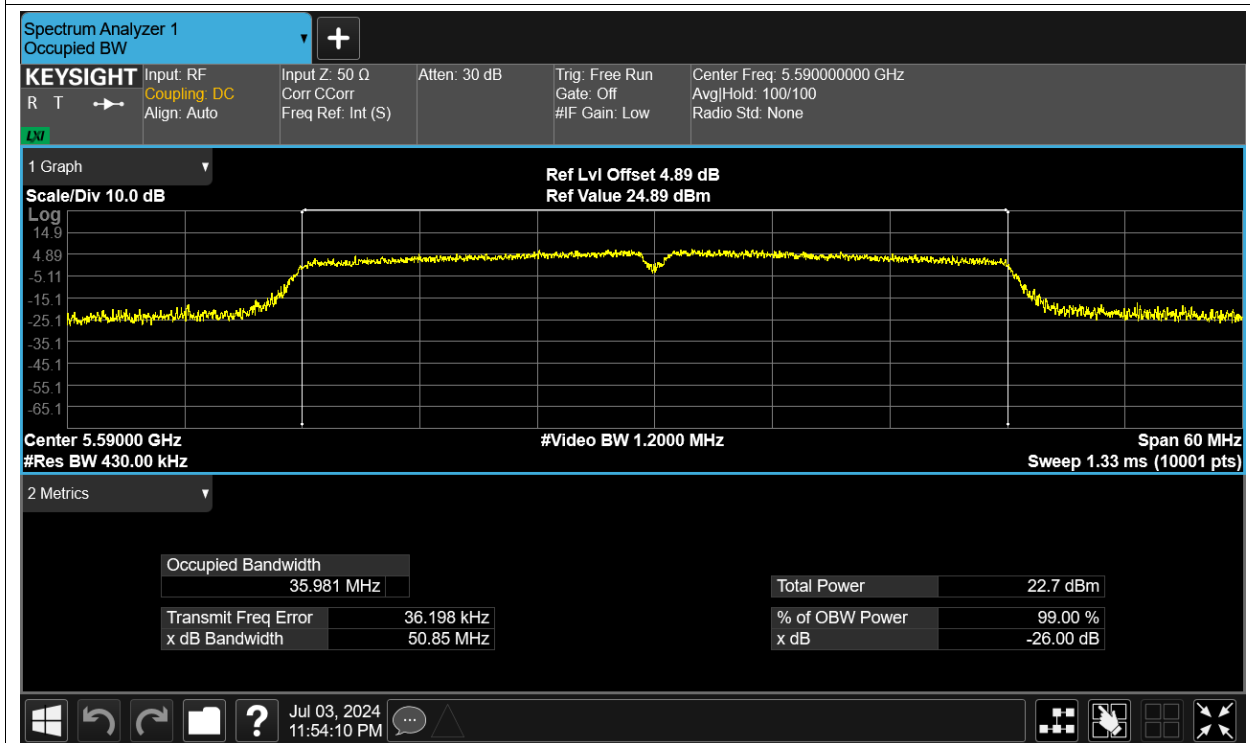
OBW NVNT n20 5700MHz ANT13



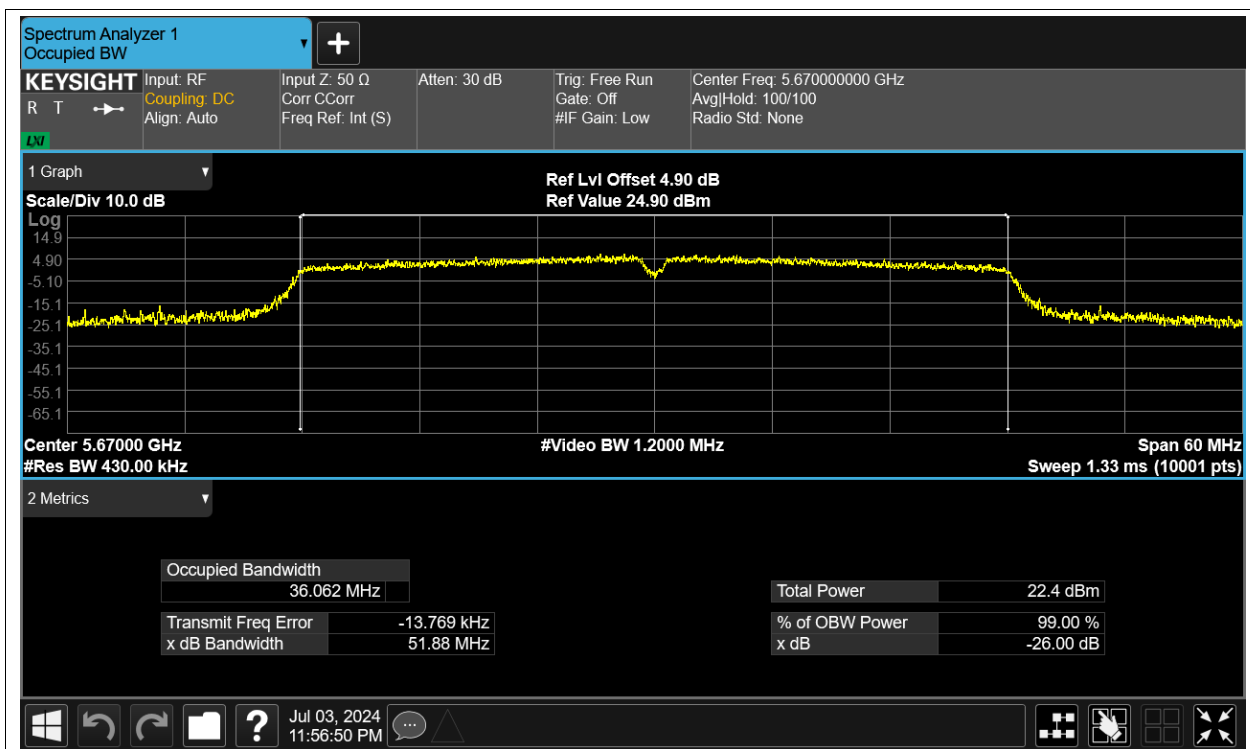
OBW NVNT n40 5510MHz ANT13



OBW NVNT n40 5590MHz ANT13



OBW NVNT n40 5670MHz ANT13

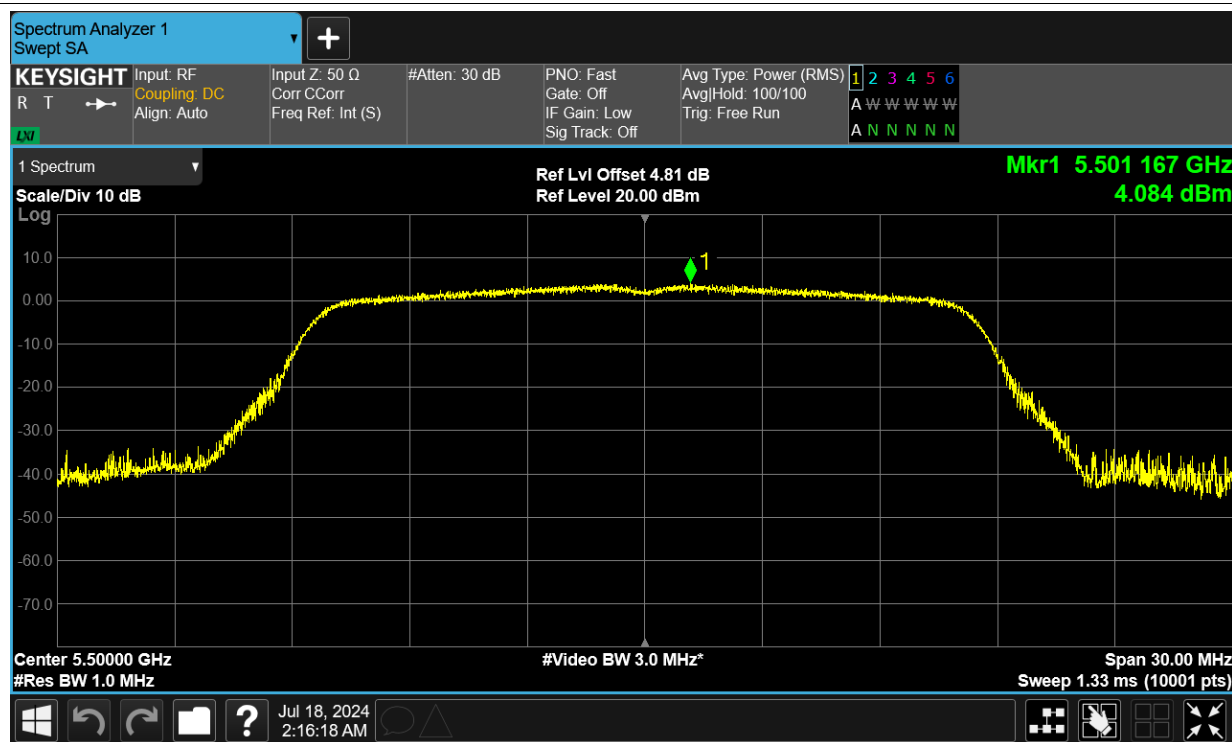


## Maximum Power Spectral Density Level

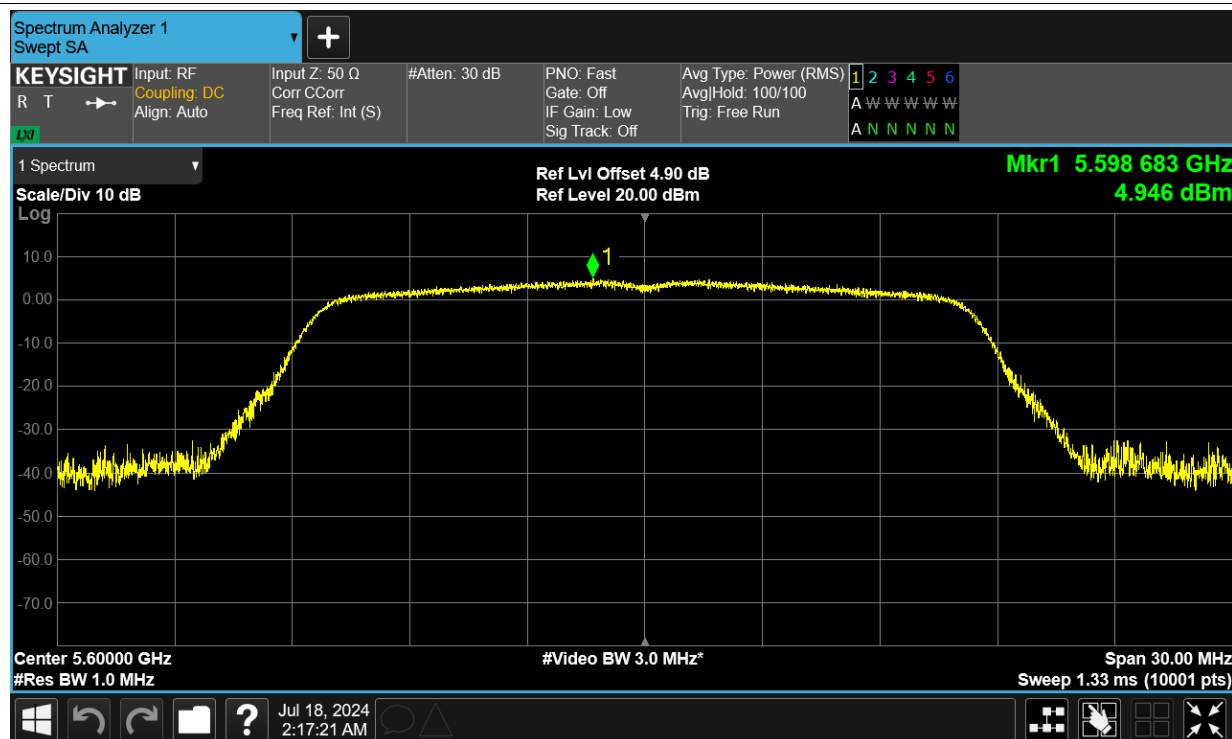
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | a    | 5500            | ANT13   | 4.084         | 11          | Pass    |
| NVNT      | a    | 5600            | ANT13   | 4.946         | 11          | Pass    |
| NVNT      | a    | 5700            | ANT13   | 4.318         | 11          | Pass    |
| NVNT      | ac20 | 5500            | ANT13   | 2.788         | 11          | Pass    |
| NVNT      | ac20 | 5600            | ANT13   | 3.633         | 11          | Pass    |
| NVNT      | ac20 | 5700            | ANT13   | 2.731         | 11          | Pass    |
| NVNT      | ac40 | 5510            | ANT13   | -0.305        | 11          | Pass    |
| NVNT      | ac40 | 5590            | ANT13   | -0.459        | 11          | Pass    |
| NVNT      | ac40 | 5670            | ANT13   | -0.793        | 11          | Pass    |
| NVNT      | ac80 | 5530            | ANT13   | -5.01         | 11          | Pass    |
| NVNT      | ac80 | 5610            | ANT13   | -4.636        | 11          | Pass    |
| NVNT      | n20  | 5500            | ANT13   | 3.277         | 11          | Pass    |
| NVNT      | n20  | 5600            | ANT13   | 3.487         | 11          | Pass    |
| NVNT      | n20  | 5700            | ANT13   | 2.803         | 11          | Pass    |
| NVNT      | n40  | 5510            | ANT13   | -0.452        | 11          | Pass    |
| NVNT      | n40  | 5590            | ANT13   | -0.363        | 11          | Pass    |
| NVNT      | n40  | 5670            | ANT13   | -0.394        | 11          | Pass    |

## Test Graphs

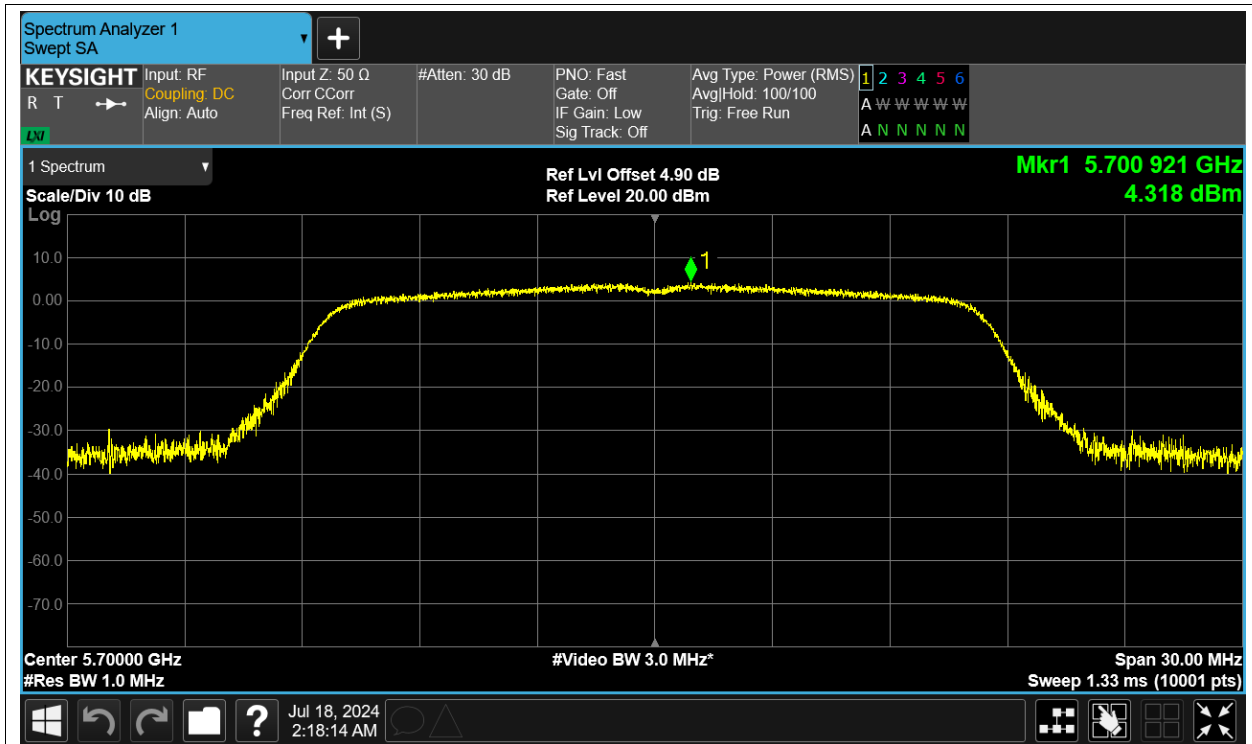
PSD NVNT a 5500MHz ANT13



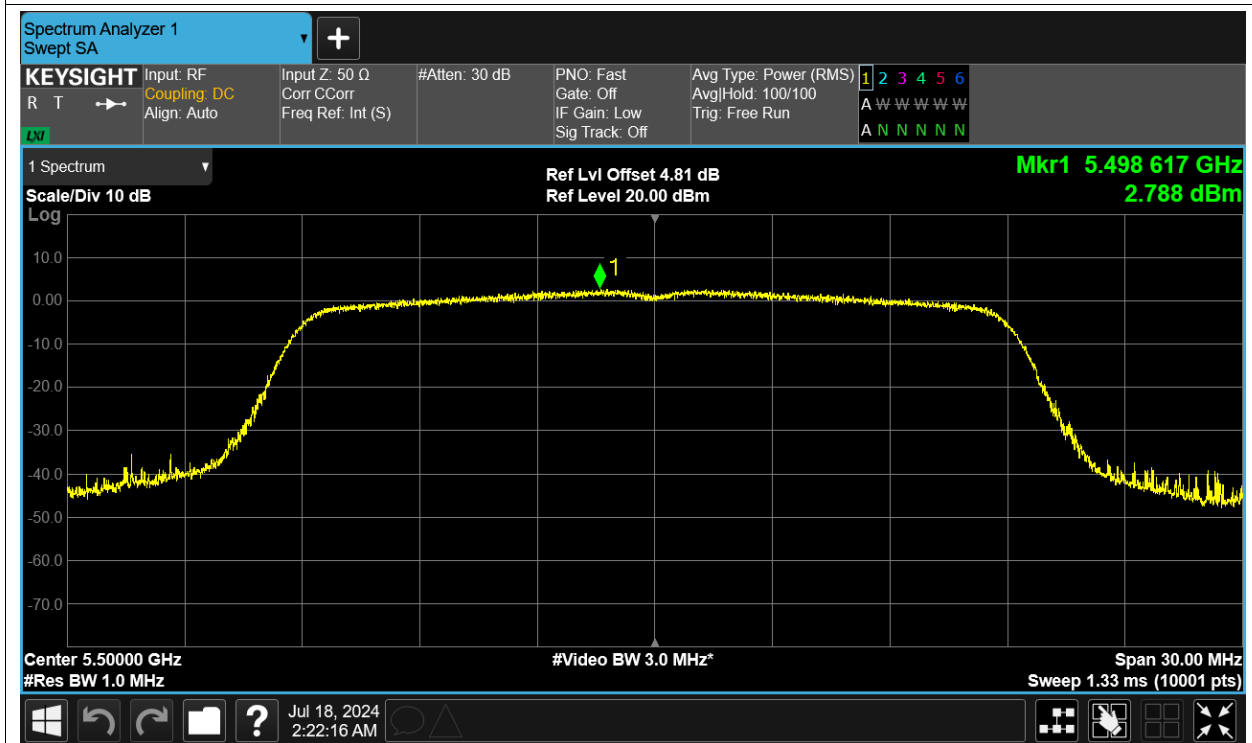
PSD NVNT a 5600MHz ANT13



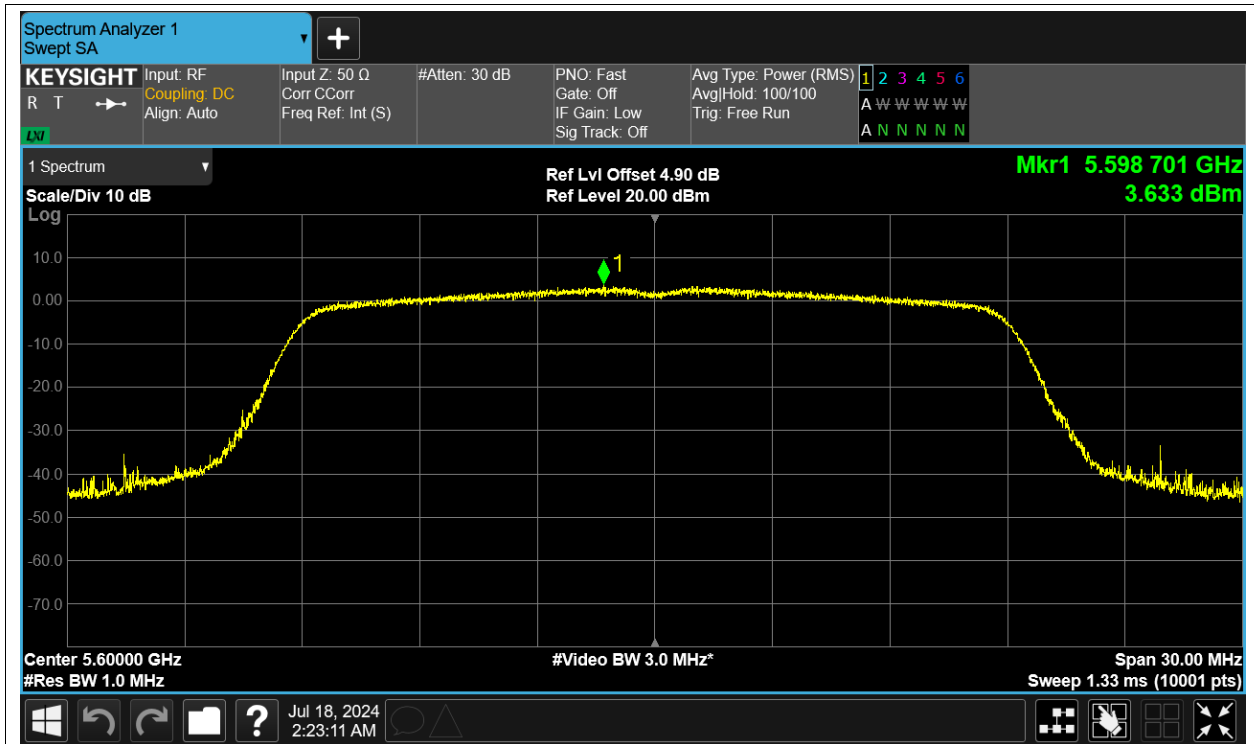
PSD NVNT a 5700MHz ANT13



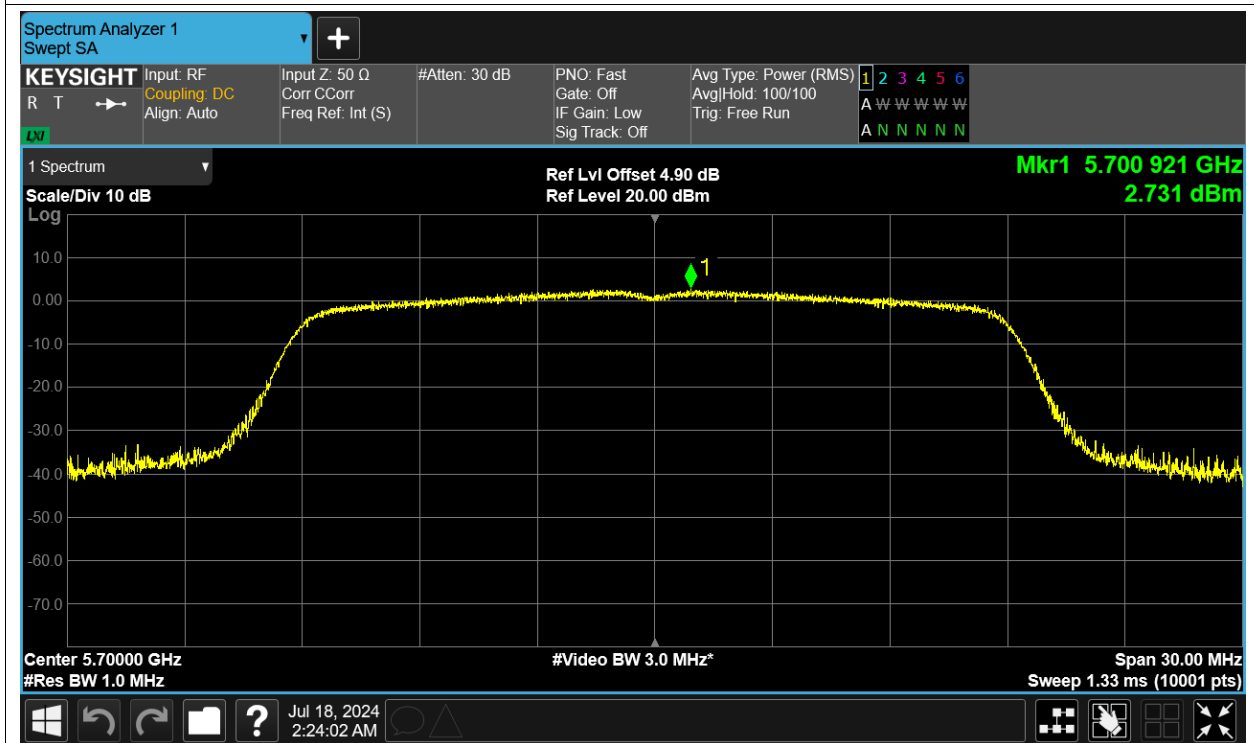
PSD NVNT ac20 5500MHz ANT13



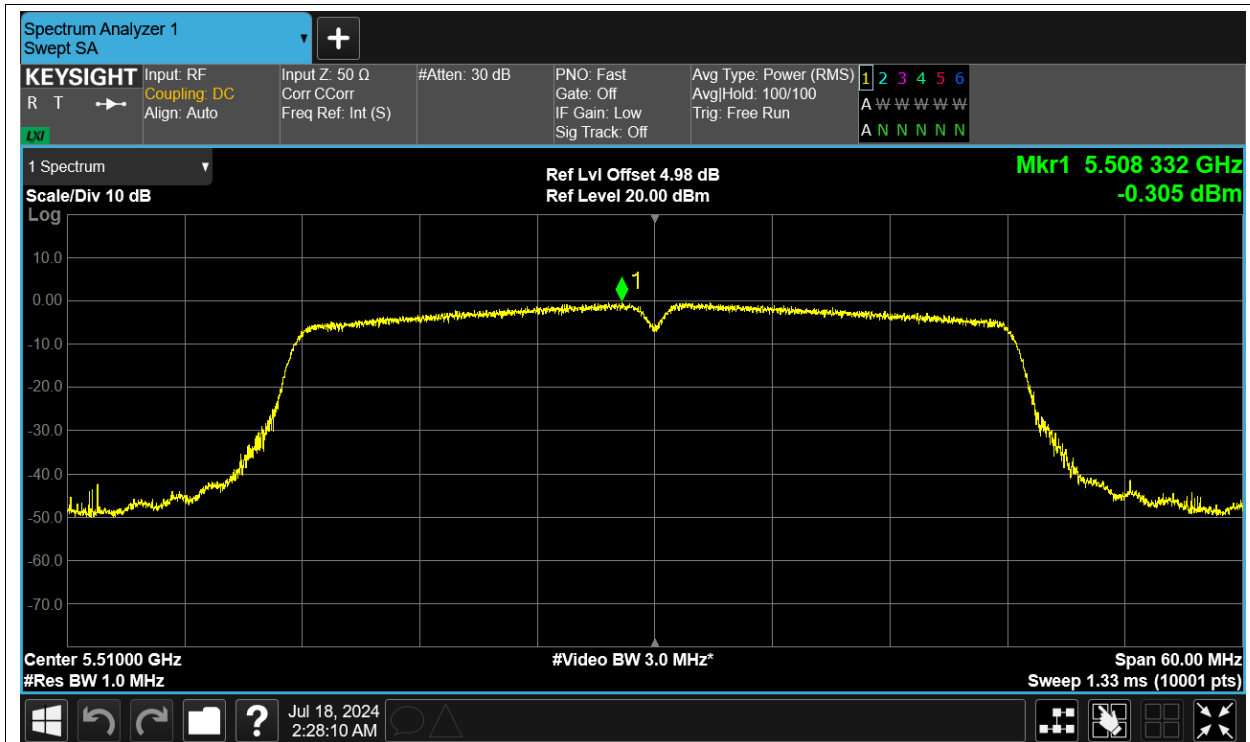
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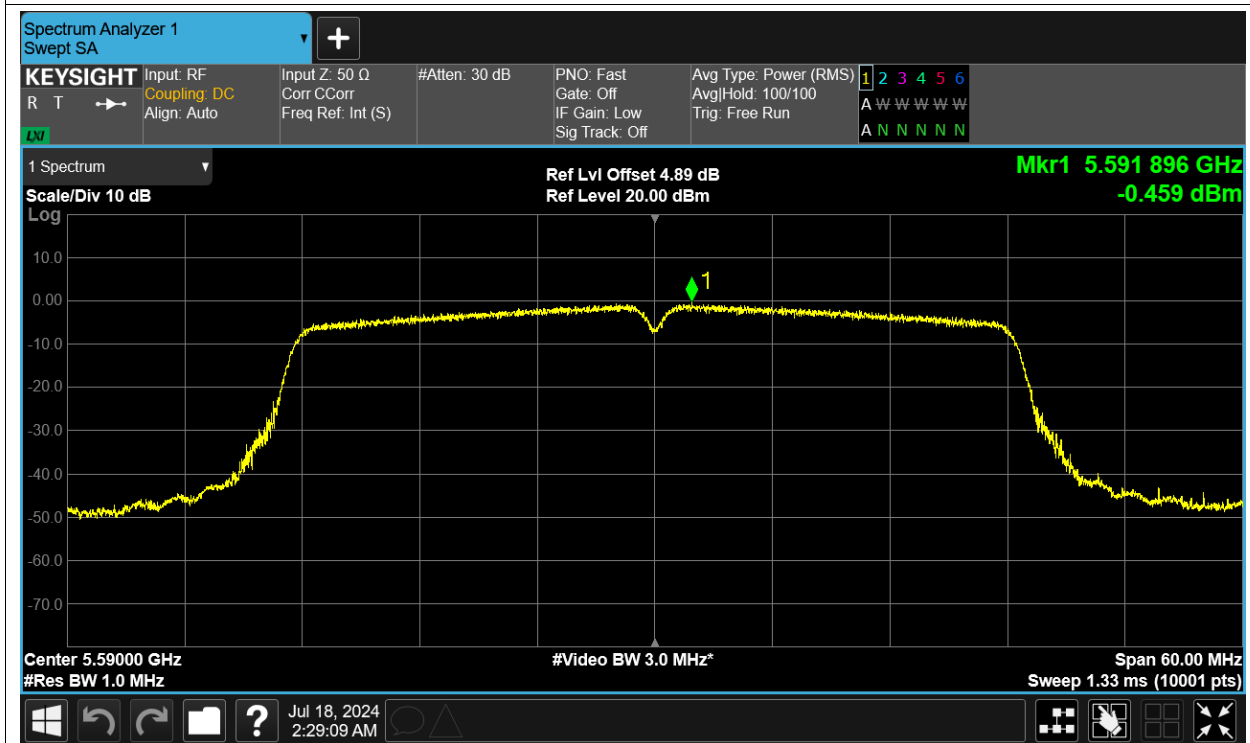
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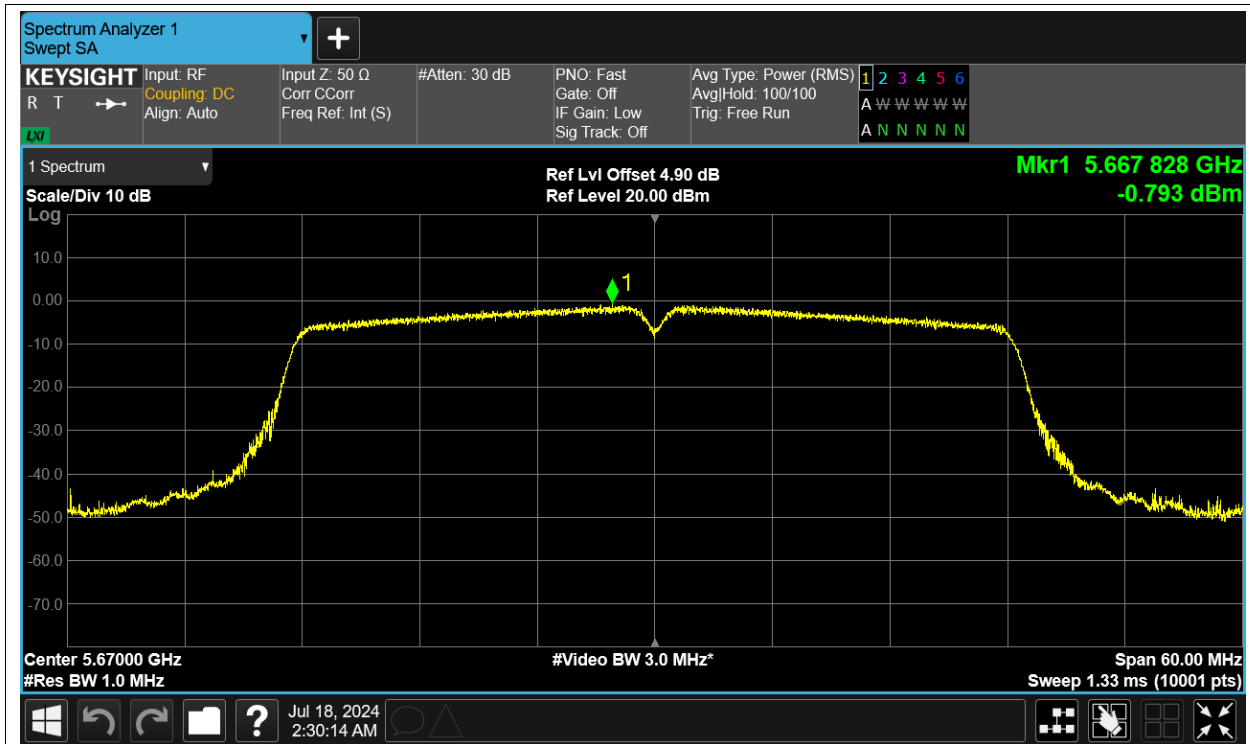
PSD NVNT ac40 5510MHz ANT13



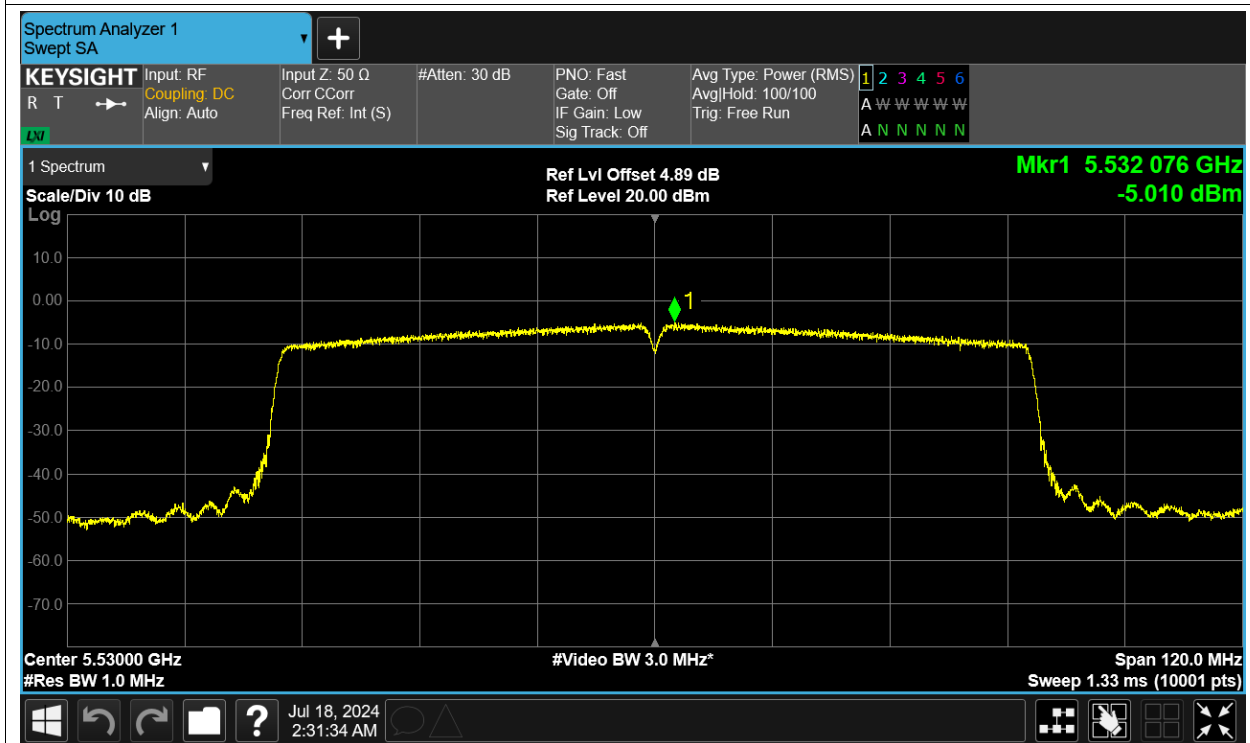
PSD NVNT ac40 5590MHz ANT13



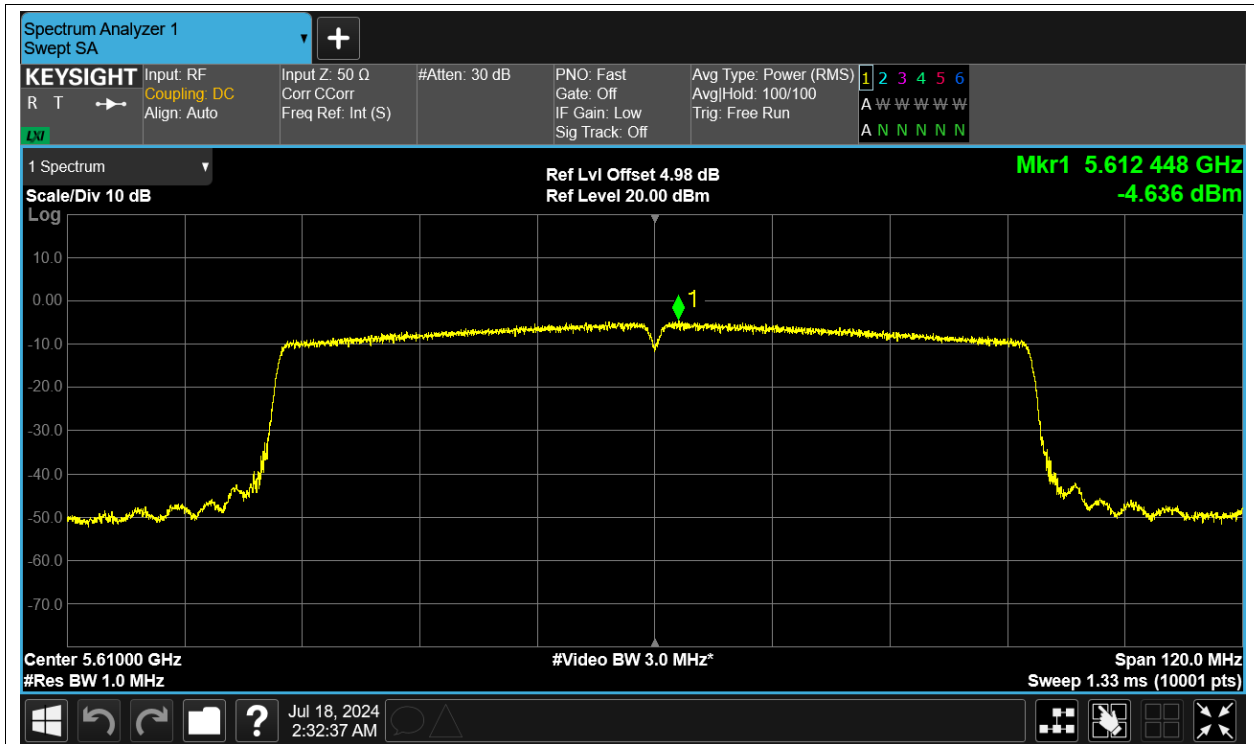
PSD NVNT ac40 5670MHz ANT13



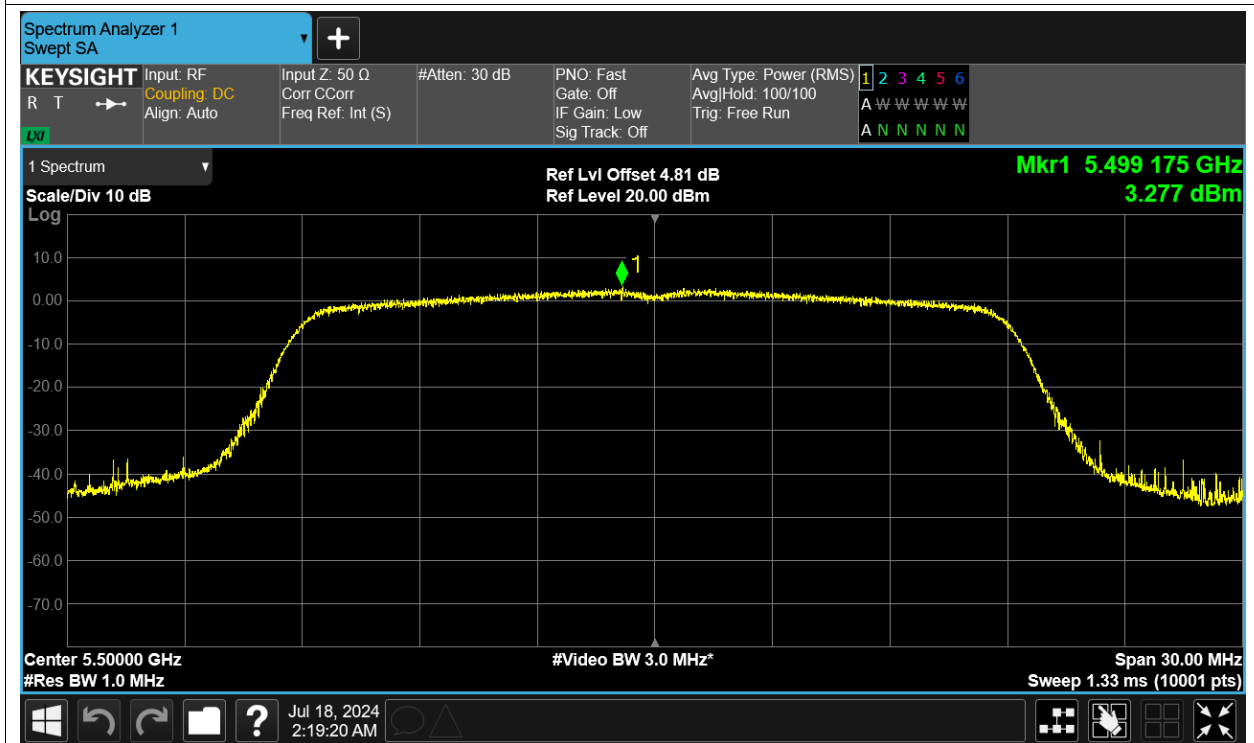
PSD NVNT ac80 5530MHz ANT13



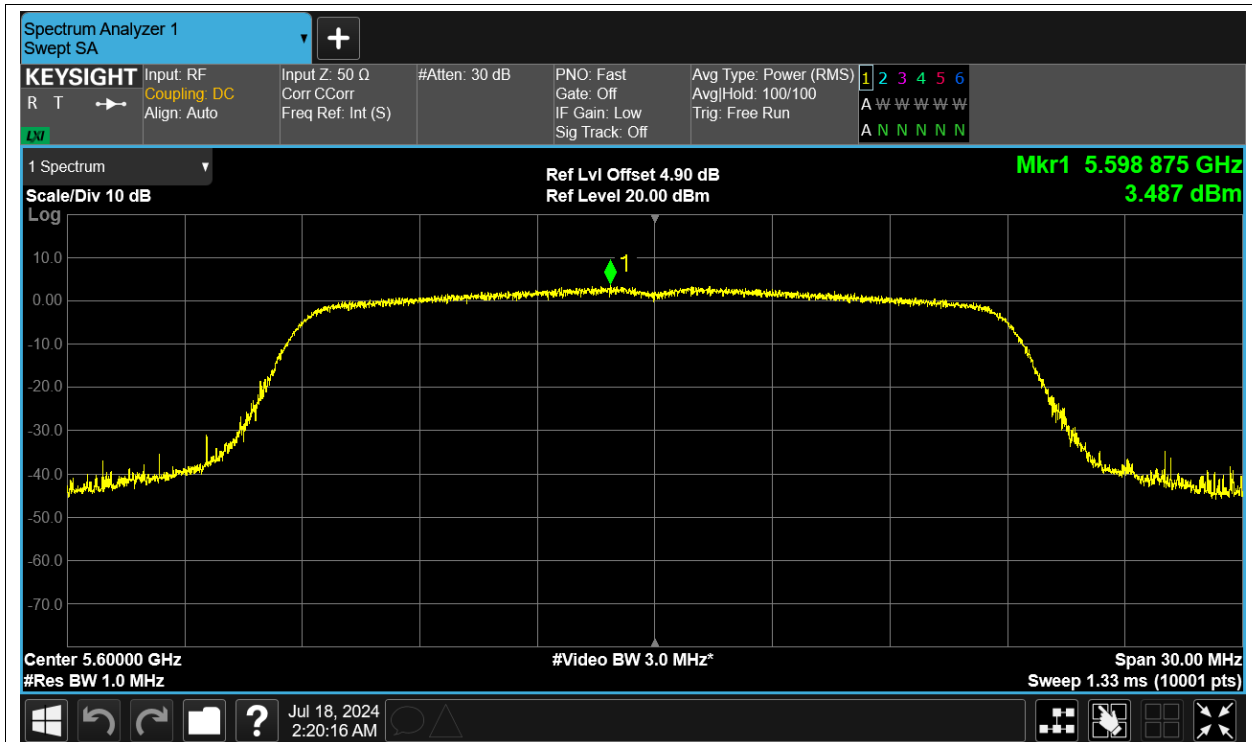
PSD NVNT ac80 5610MHz ANT13



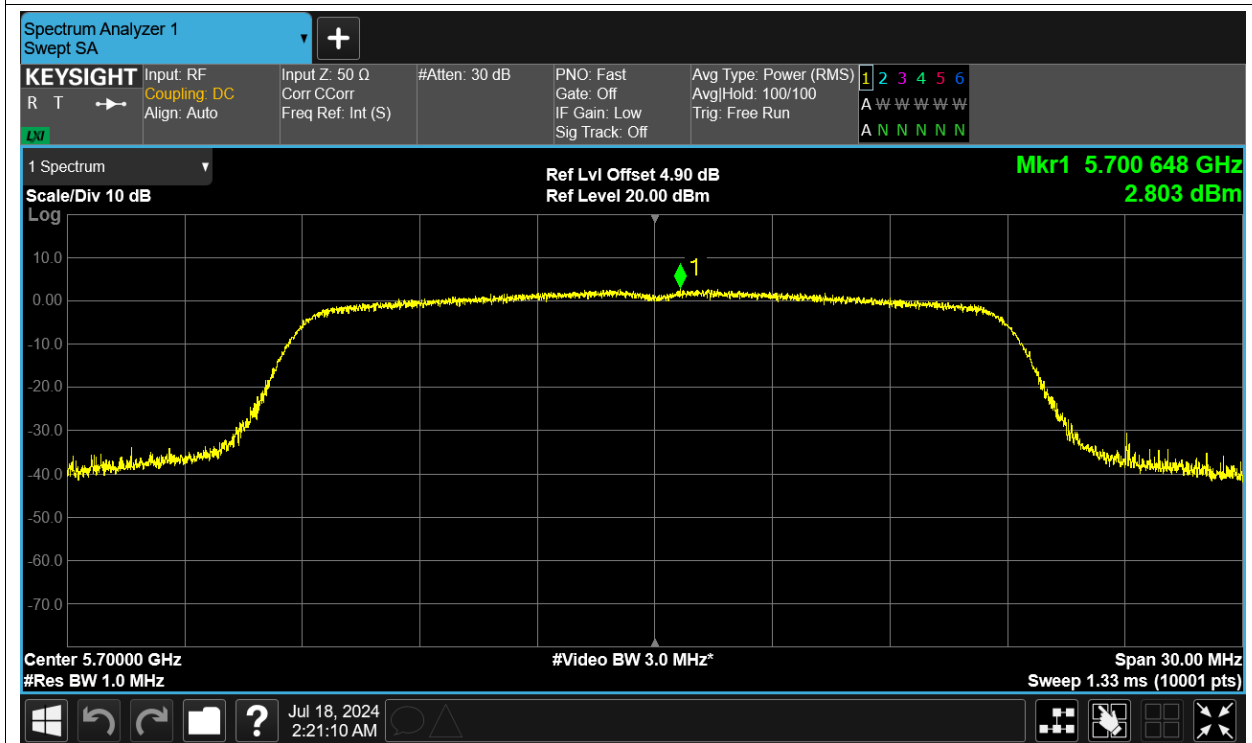
PSD NVNT n20 5500MHz ANT13



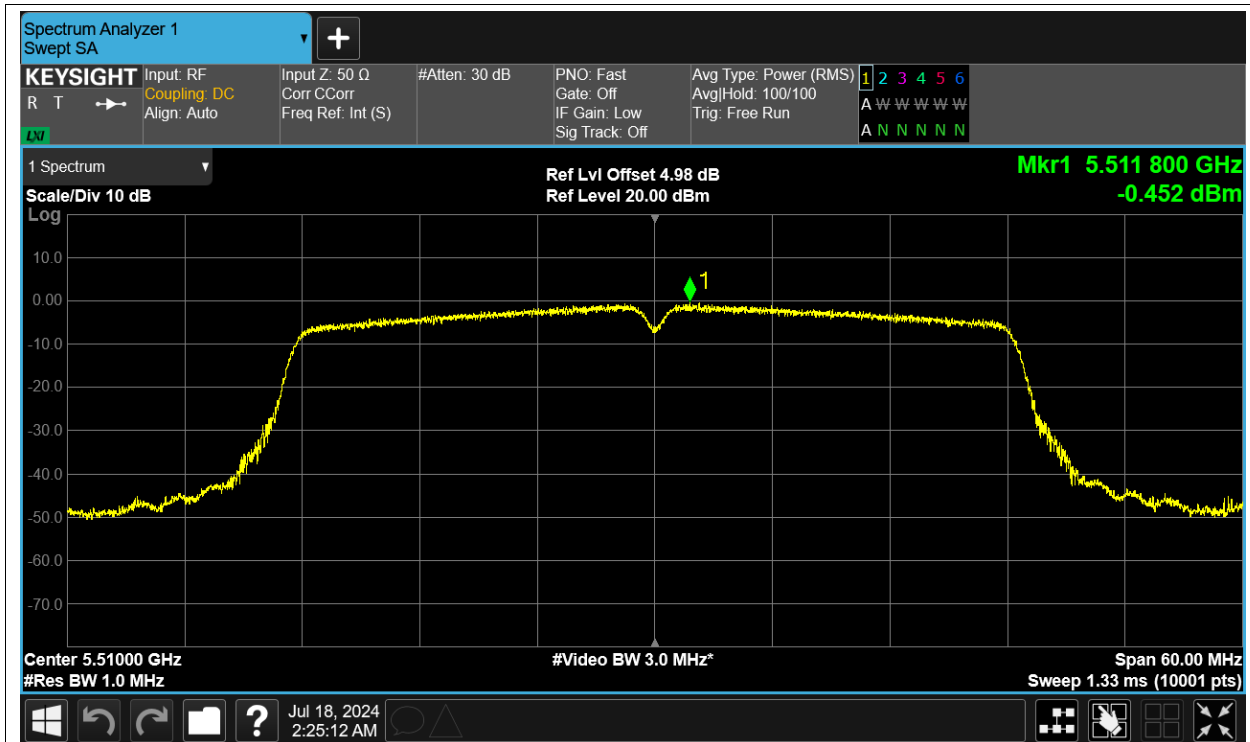
PSD NVNT n20 5600MHz ANT13



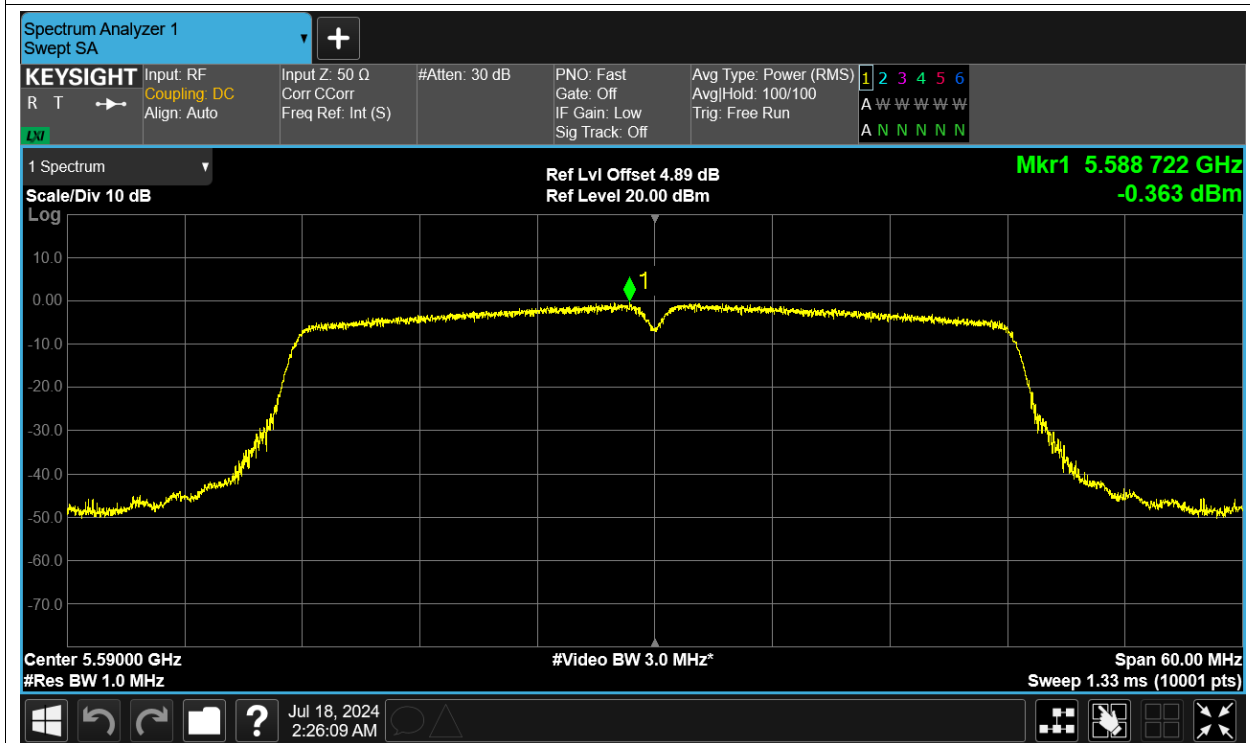
PSD NVNT n20 5700MHz ANT13



PSD NVNT n40 5510MHz ANT13



PSD NVNT n40 5590MHz ANT13



PSD NVNT n40 5670MHz ANT13

