

## Test Data

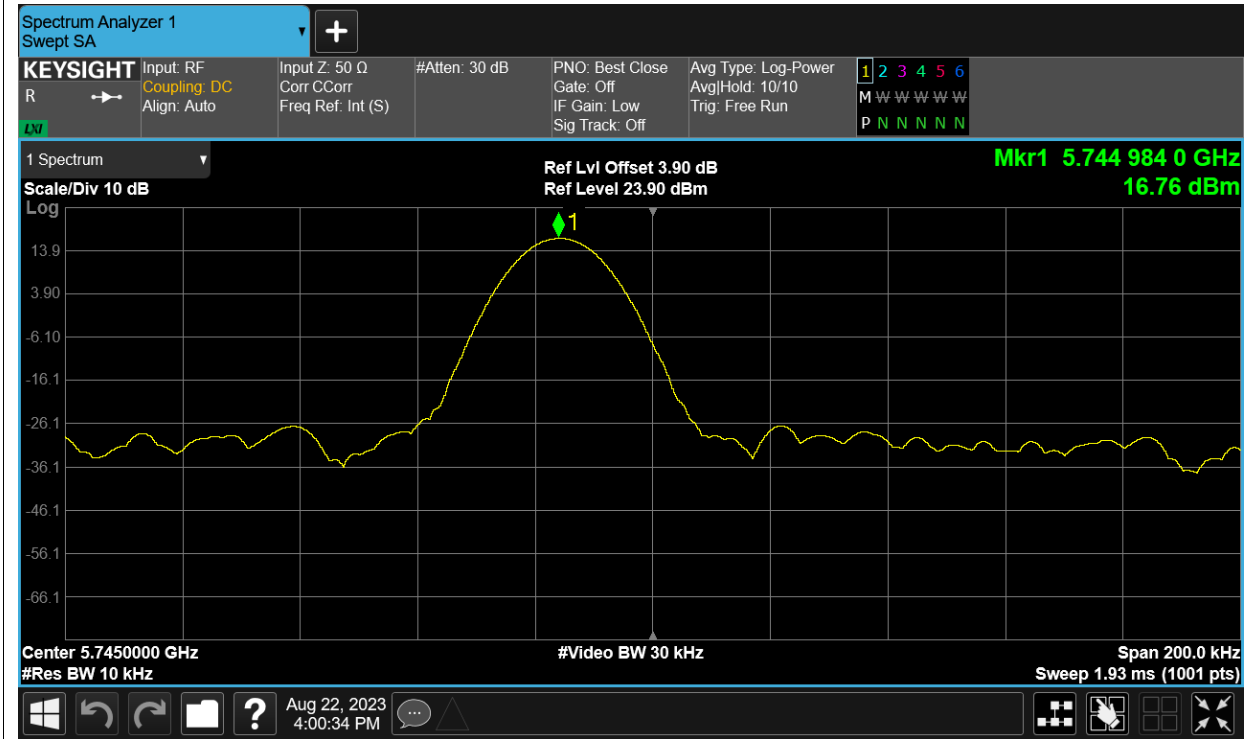
### Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Deviation (ppm) | Limit (ppm)            | Verdict |
|-----------|------|-----------------|---------|--------------------------|-----------------|------------------------|---------|
| HVNT      | a    | 5745            | Ant12   | 5744.984                 | -2.79           | Within authorized band | Pass    |
| LVNT      | a    | 5745            | Ant12   | 5744.9842                | -2.75           |                        | Pass    |
| NVHT      | a    | 5745            | Ant12   | 5744.9842                | -2.75           |                        | Pass    |
| NVLT      | a    | 5745            | Ant12   | 5744.9844                | -2.72           |                        | Pass    |
| NVNT      | a    | 5745            | Ant12   | 5744.9844                | -2.72           |                        | Pass    |
| HVNT      | ac80 | 5775            | Ant12   | 5774.997                 | -0.52           |                        | Pass    |
| LVNT      | ac80 | 5775            | Ant12   | 5774.9972                | -0.48           |                        | Pass    |
| NVHT      | ac80 | 5775            | Ant12   | 5774.9974                | -0.45           |                        | Pass    |
| NVLT      | ac80 | 5775            | Ant12   | 5774.9978                | -0.38           |                        | Pass    |
| NVNT      | ac80 | 5775            | Ant12   | 5774.9966                | -0.59           |                        | Pass    |
| HVNT      | n40  | 5755            | Ant12   | 5754.999                 | -0.17           |                        | Pass    |
| LVNT      | n40  | 5755            | Ant12   | 5754.9998                | -0.03           |                        | Pass    |
| NVHT      | n40  | 5755            | Ant12   | 5754.9968                | -0.56           |                        | Pass    |
| NVLT      | n40  | 5755            | Ant12   | 5754.9968                | -0.56           |                        | Pass    |
| NVNT      | n40  | 5755            | Ant12   | 5754.997                 | -0.52           |                        | Pass    |

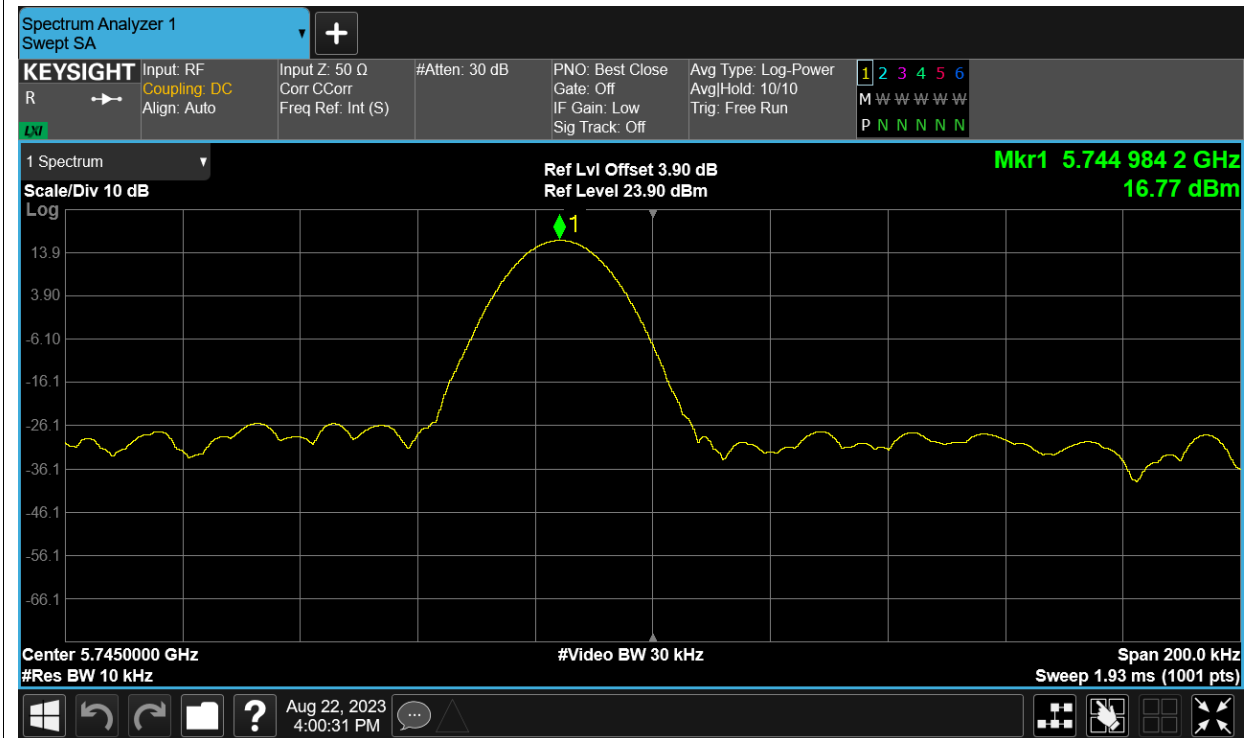
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

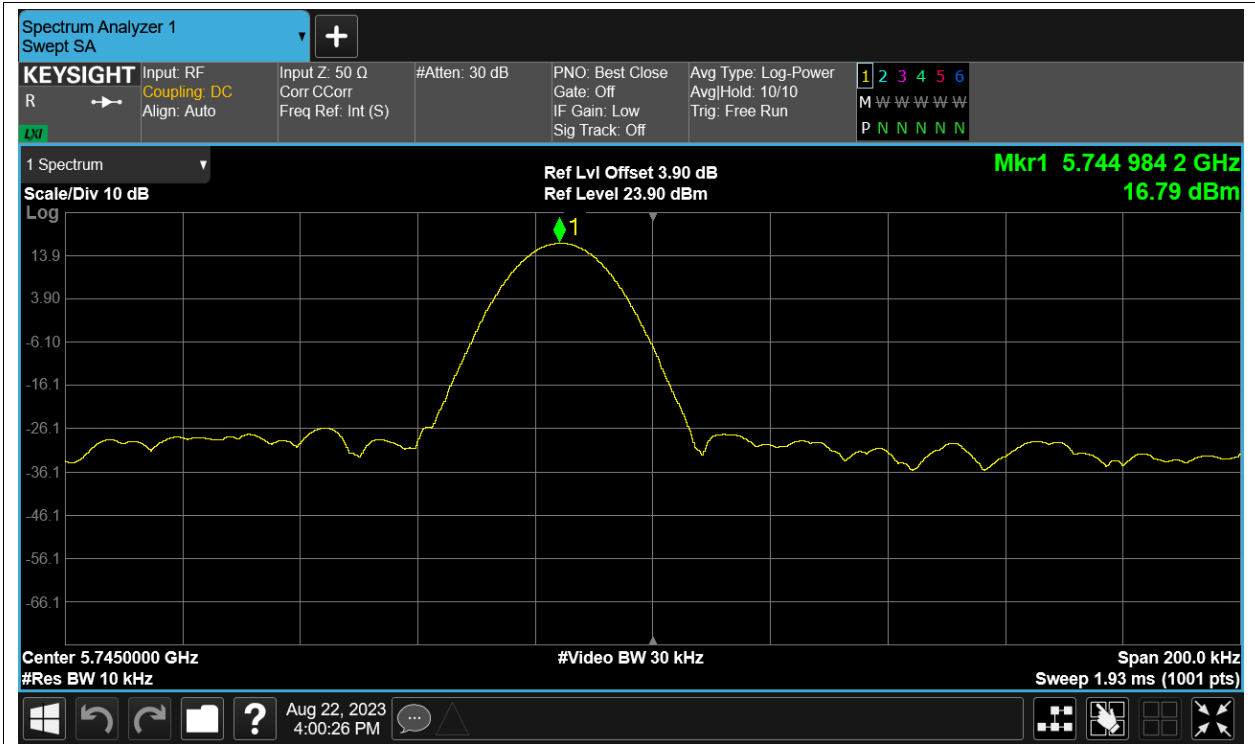
Freq. Stability HVNT a 5745MHz Ant12



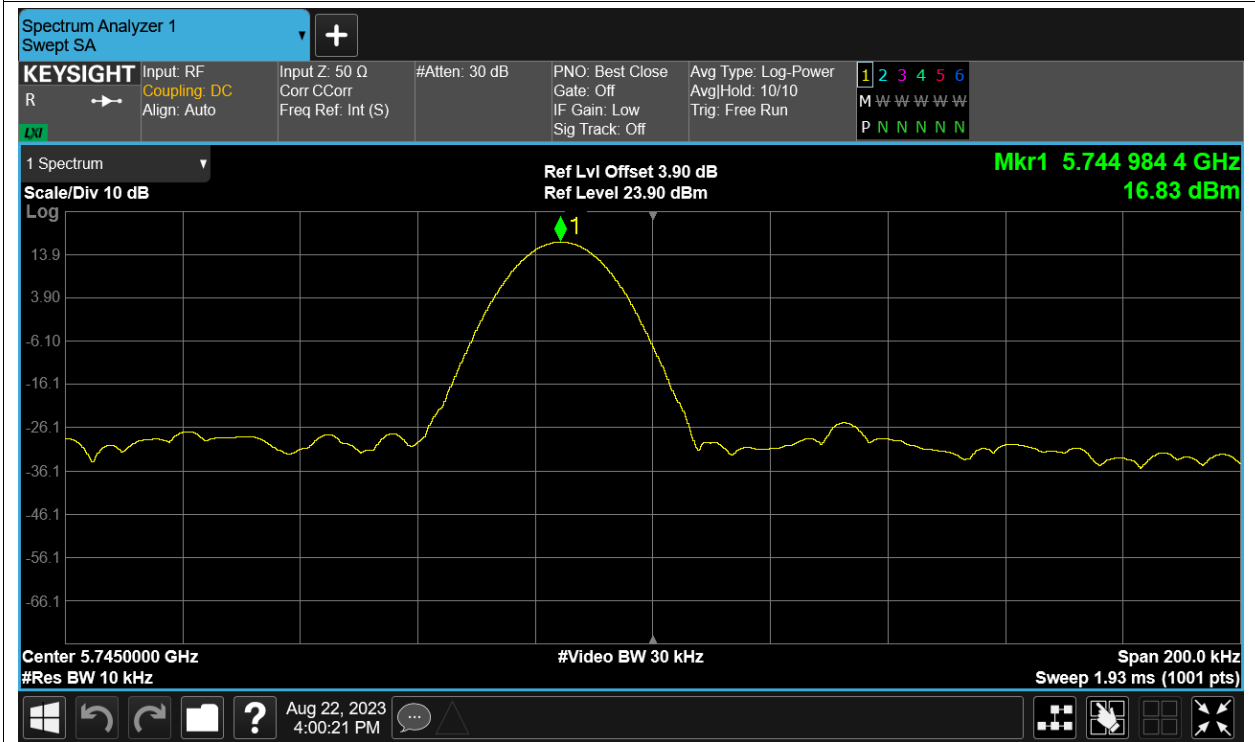
Freq. Stability LVNT a 5745MHz Ant12



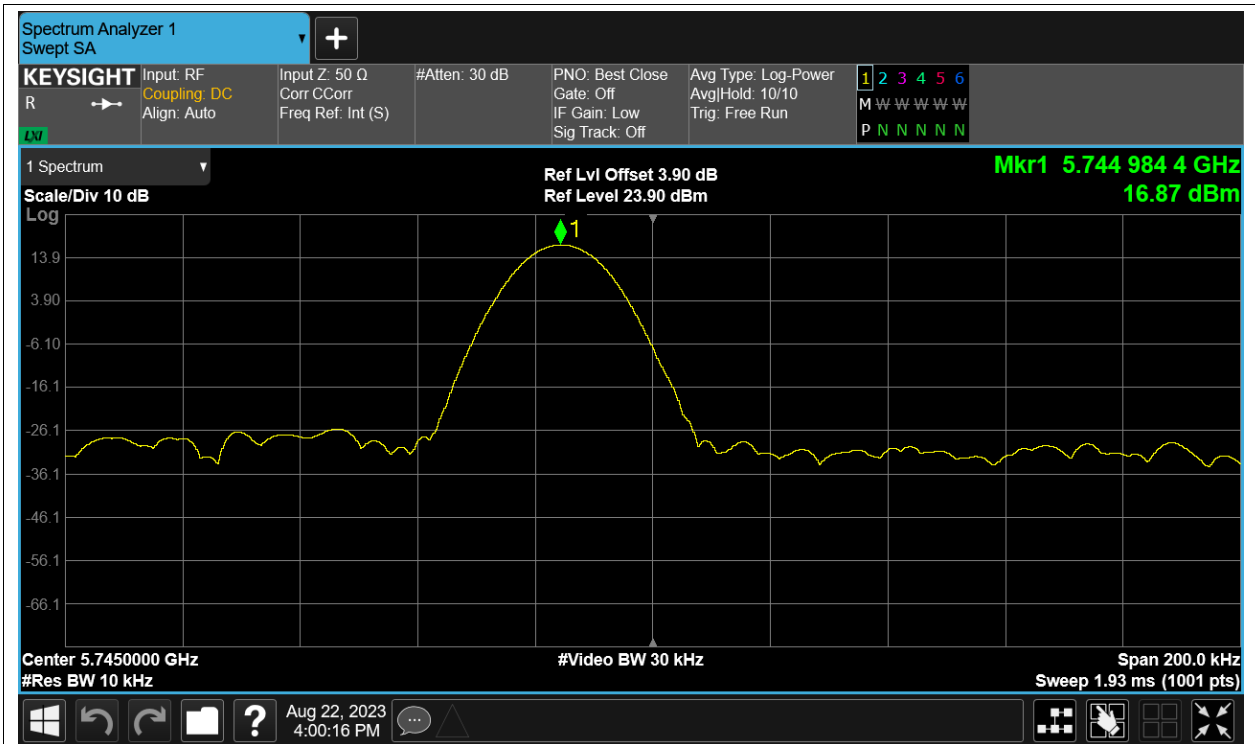
Freq. Stability NVHT a 5745MHz Ant12



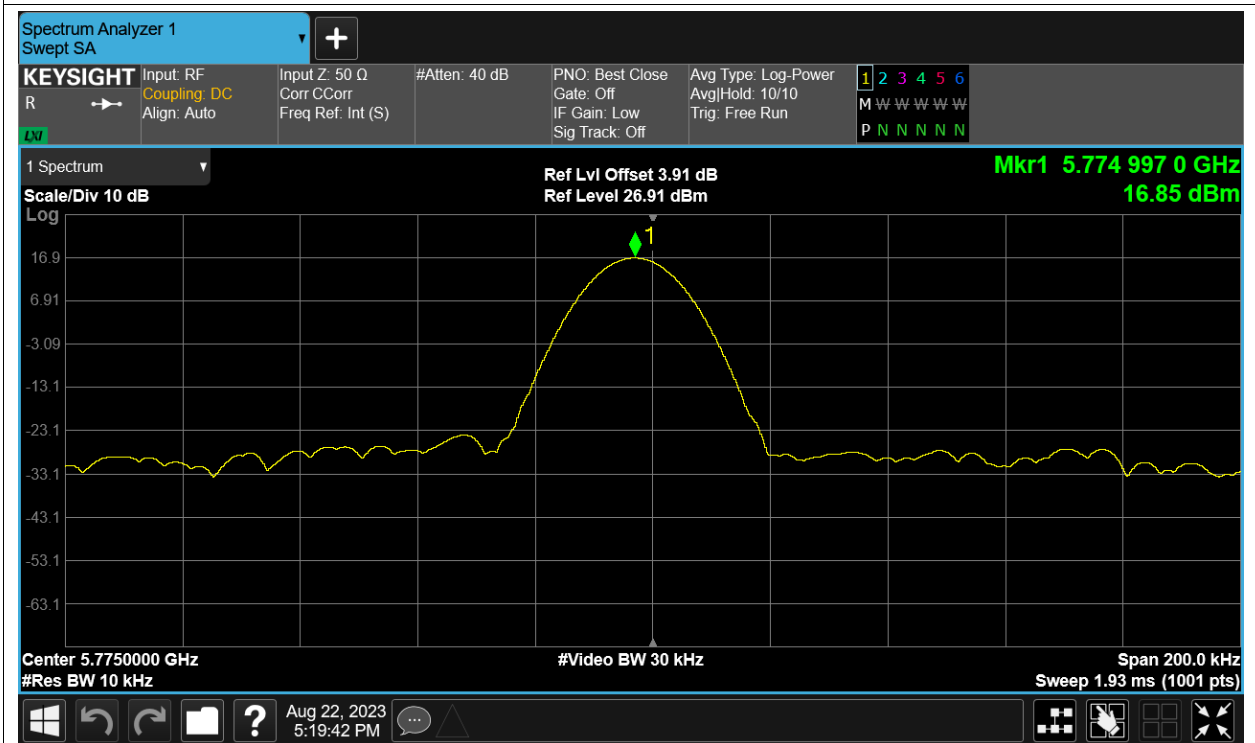
Freq. Stability NVLT a 5745MHz Ant12



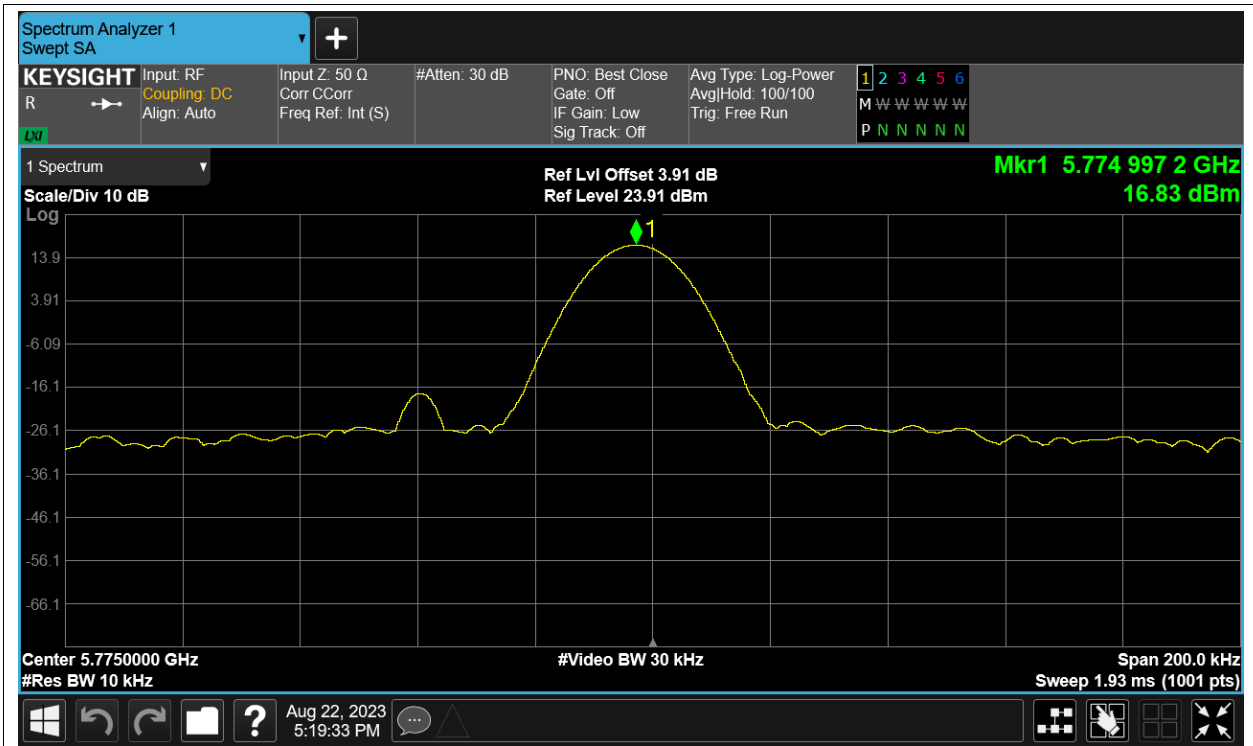
Freq. Stability NVNT a 5745MHz Ant12



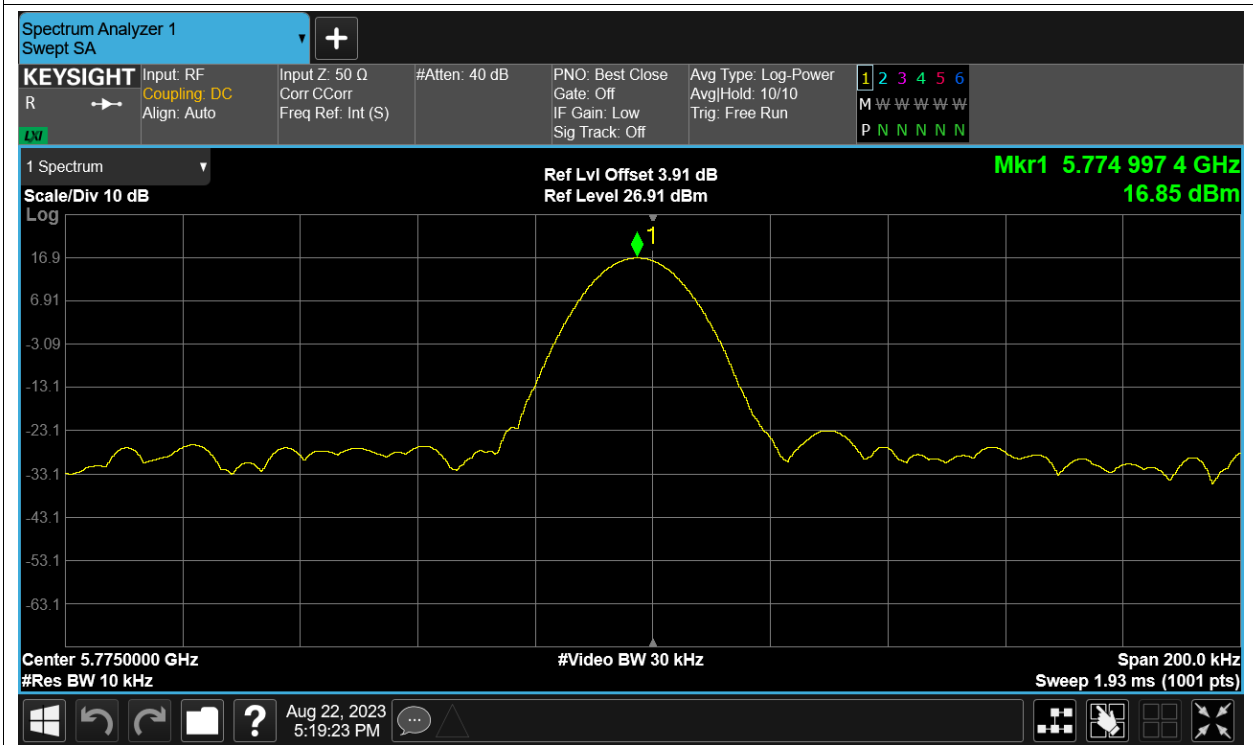
Freq. Stability HVNT ac80 5775MHz Ant12



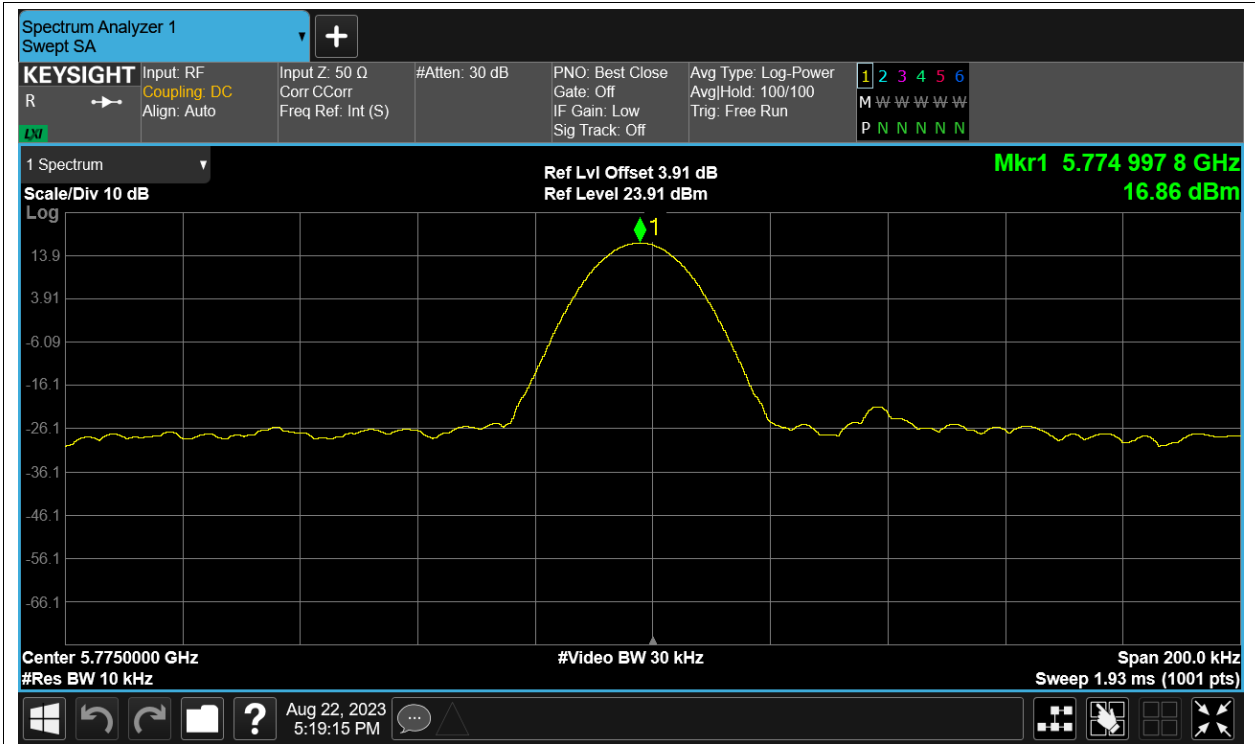
Freq. Stability LVNT ac80 5775MHz Ant12



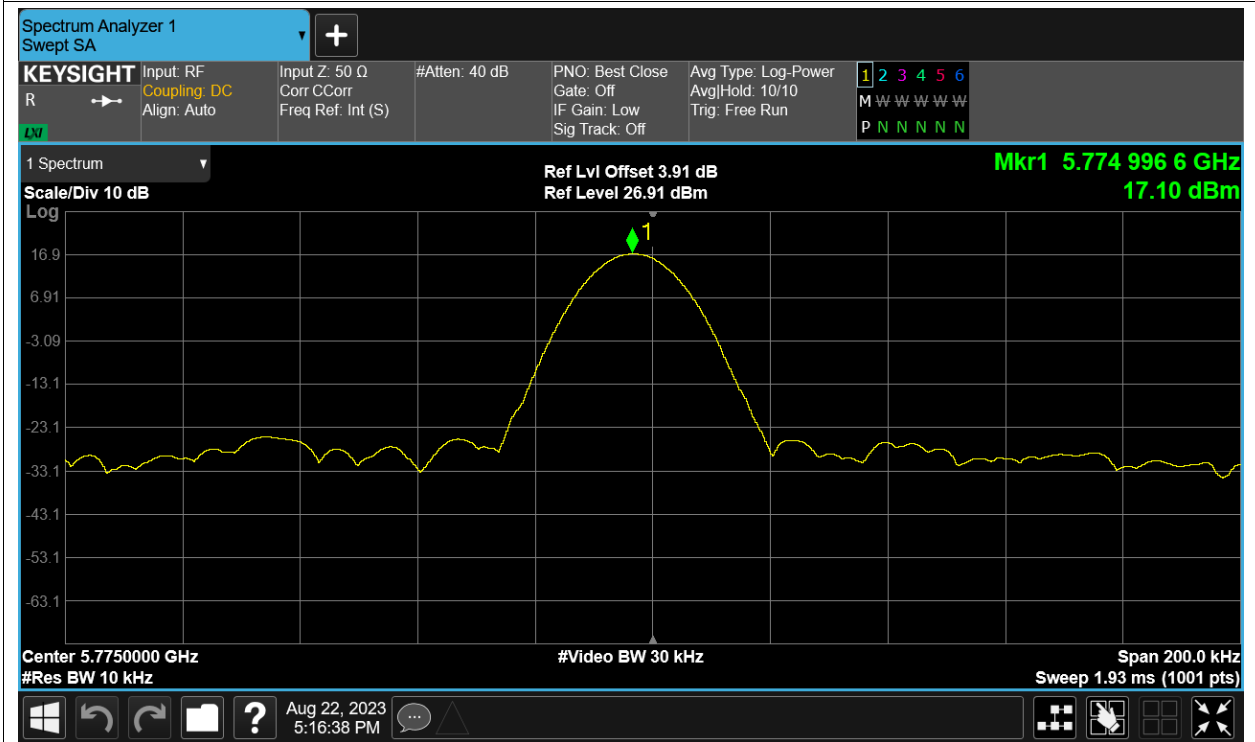
Freq. Stability NVHT ac80 5775MHz Ant12



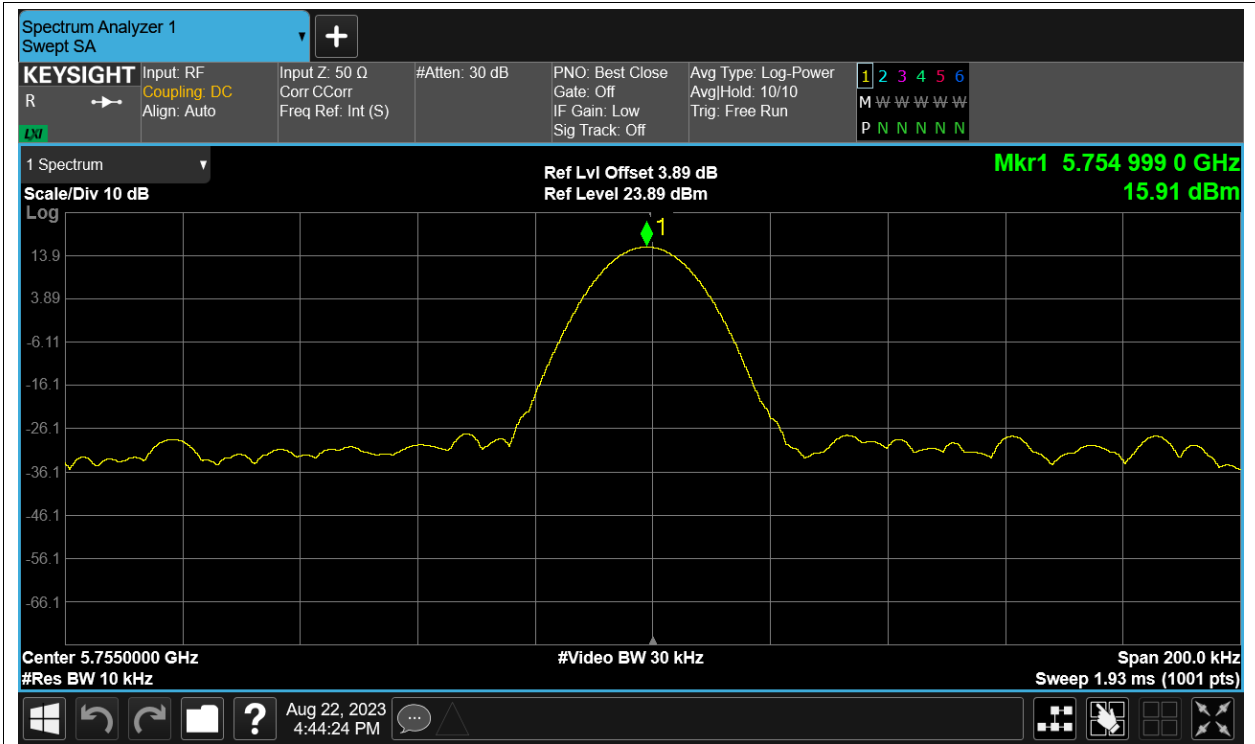
Freq. Stability NVLT ac80 5775MHz Ant12



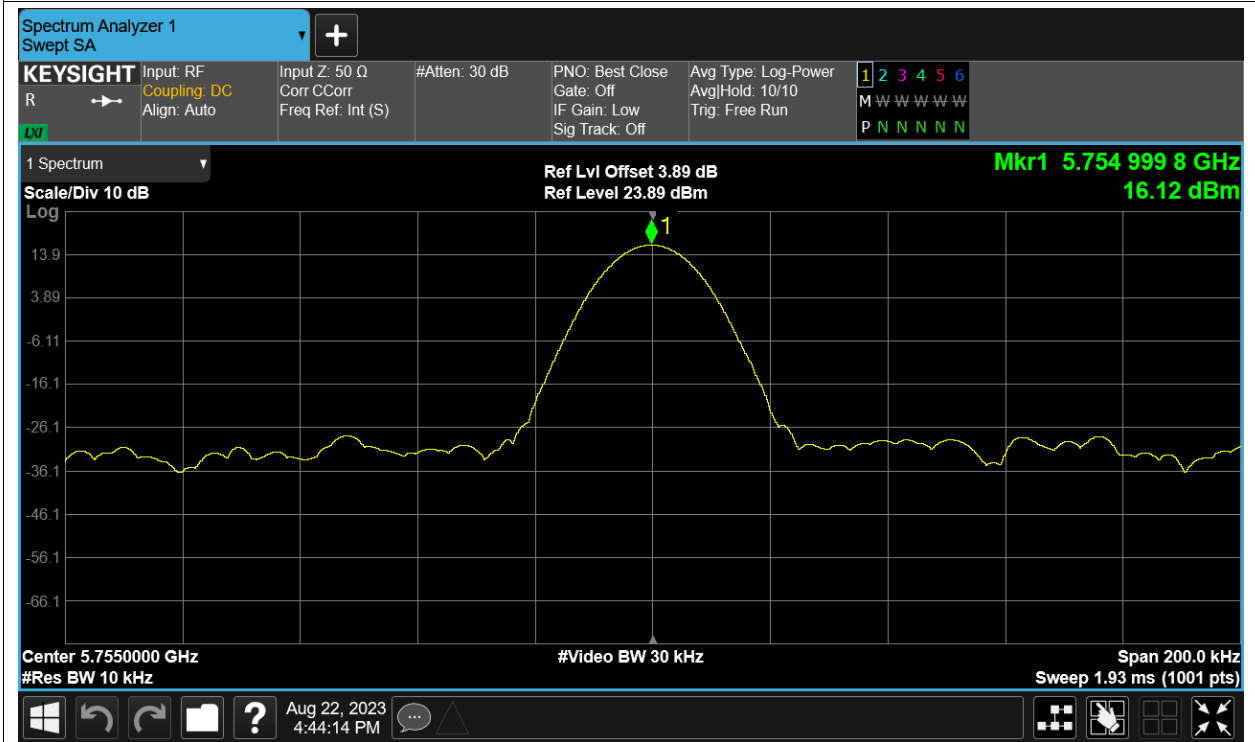
Freq. Stability NVNT ac80 5775MHz Ant12



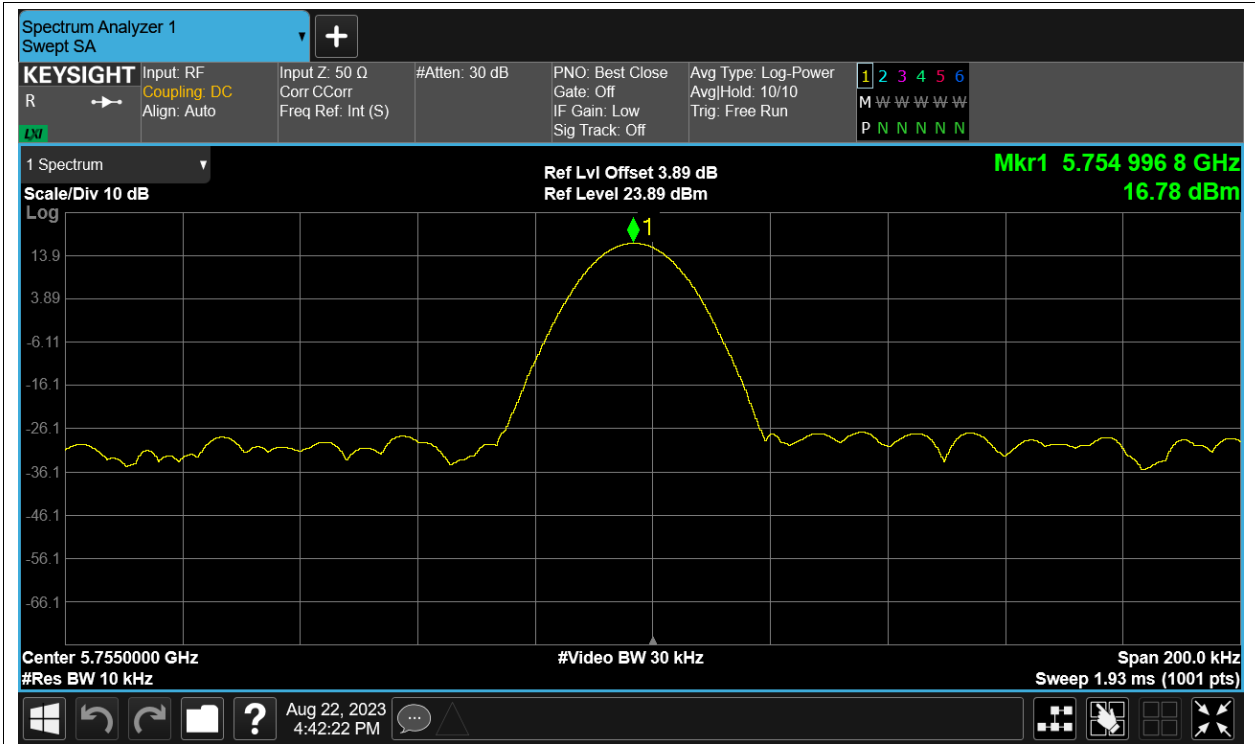
Freq. Stability HVNT n40 5755MHz Ant12



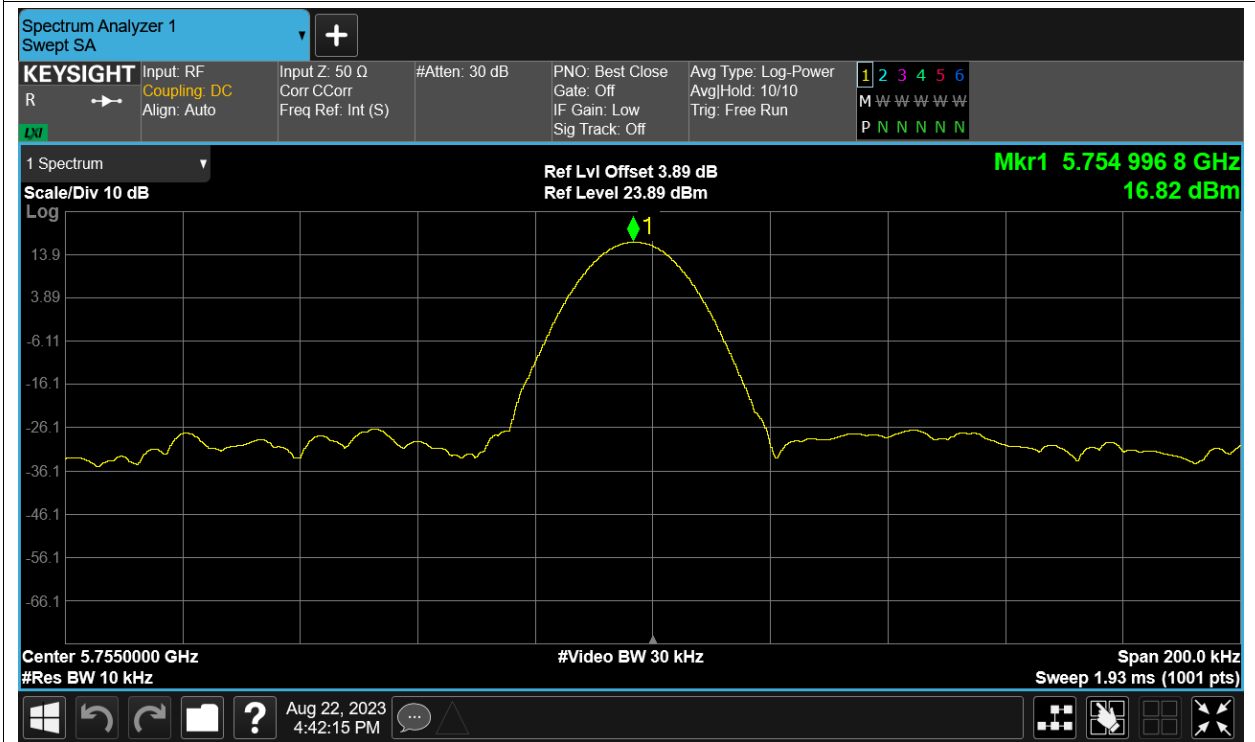
Freq. Stability LVNT n40 5755MHz Ant12



Freq. Stability NVHT n40 5755MHz Ant12

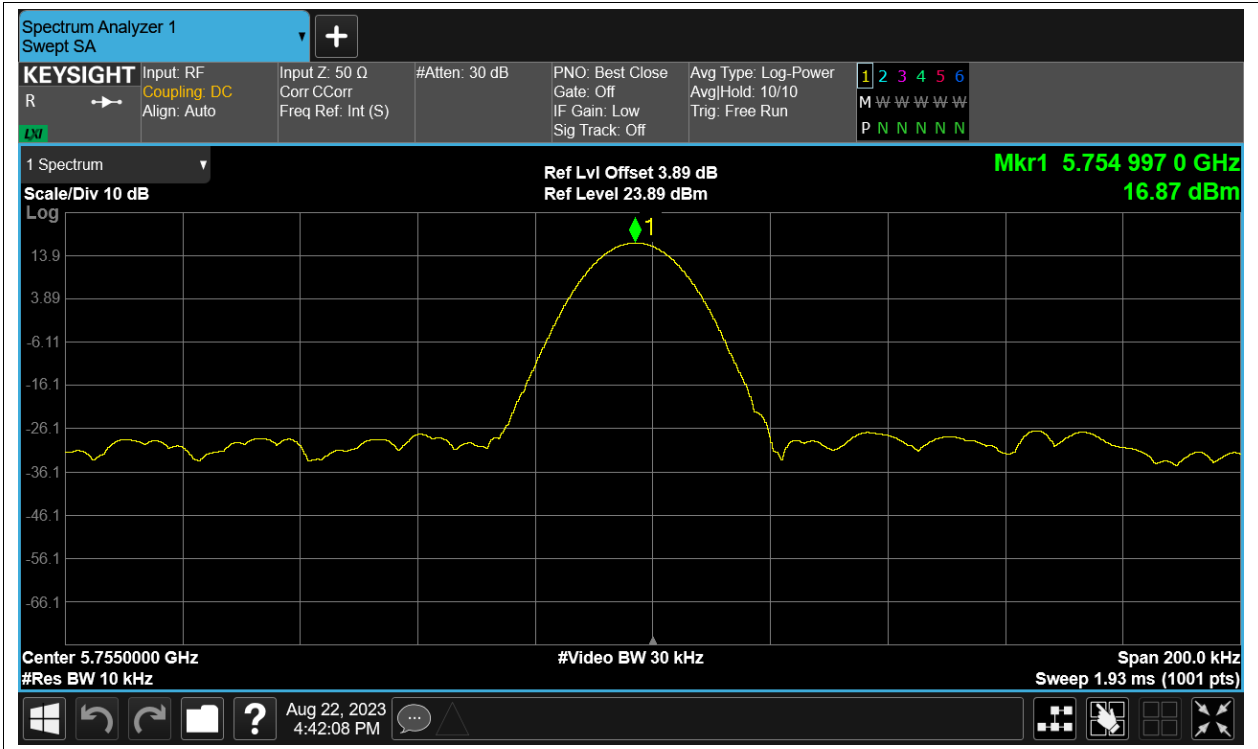


Freq. Stability NVLT n40 5755MHz Ant12



Freq. Stability NVNT n40 5755MHz Ant12



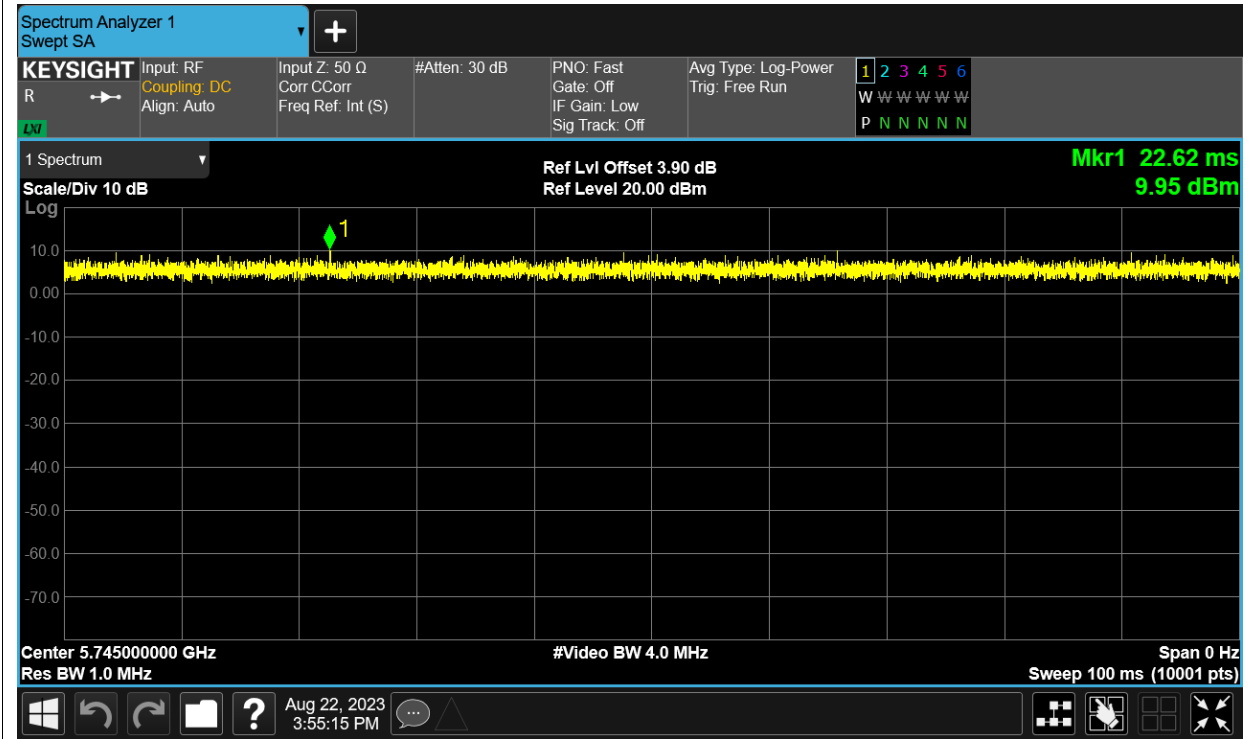


## Duty Cycle

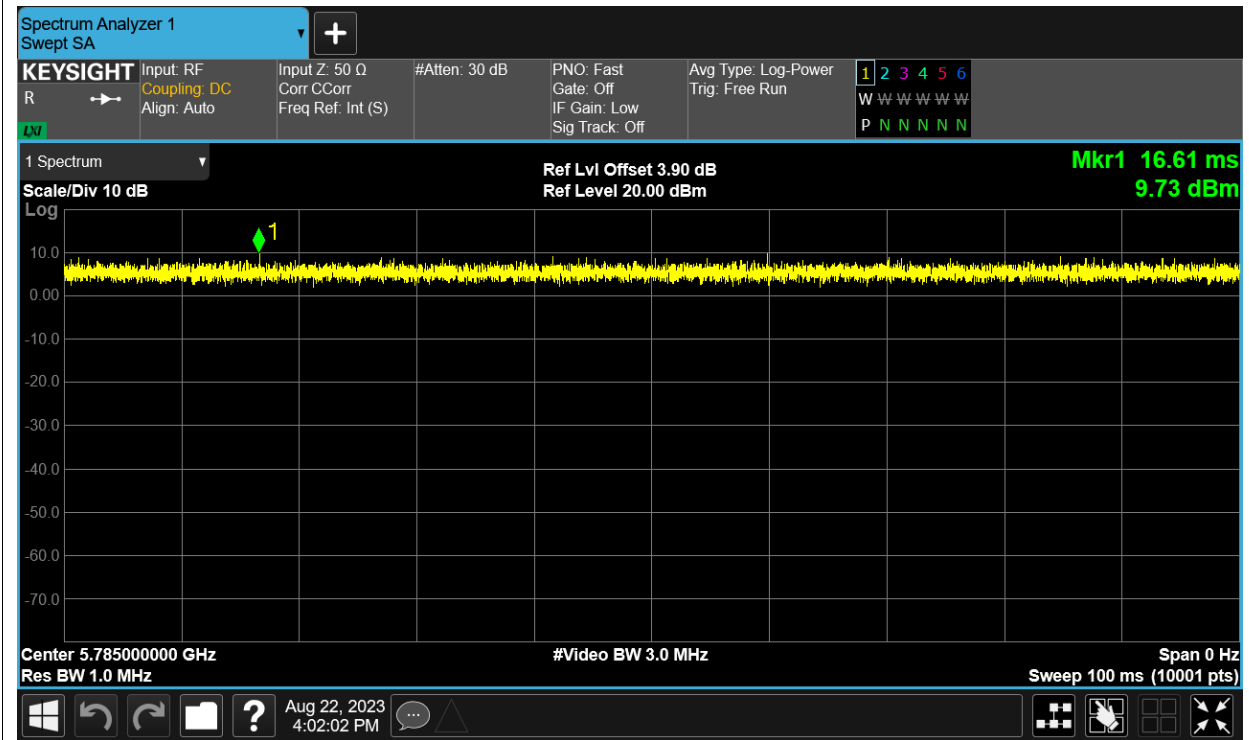
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5745            | Ant12   | 100            | 0                      |
| NVNT      | a    | 5785            | Ant12   | 100            | 0                      |
| NVNT      | a    | 5825            | Ant12   | 100            | 0                      |
| NVNT      | ac20 | 5745            | Ant12   | 100            | 0                      |
| NVNT      | ac20 | 5785            | Ant12   | 100            | 0                      |
| NVNT      | ac20 | 5825            | Ant12   | 100            | 0                      |
| NVNT      | ac40 | 5755            | Ant12   | 100            | 0                      |
| NVNT      | ac40 | 5795            | Ant12   | 100            | 0                      |
| NVNT      | ac80 | 5775            | Ant12   | 100            | 0                      |
| NVNT      | n20  | 5745            | Ant12   | 100            | 0                      |
| NVNT      | n20  | 5785            | Ant12   | 100            | 0                      |
| NVNT      | n20  | 5825            | Ant12   | 100            | 0                      |
| NVNT      | n40  | 5755            | Ant12   | 100            | 0                      |
| NVNT      | n40  | 5795            | Ant12   | 100            | 0                      |

Test Graphs

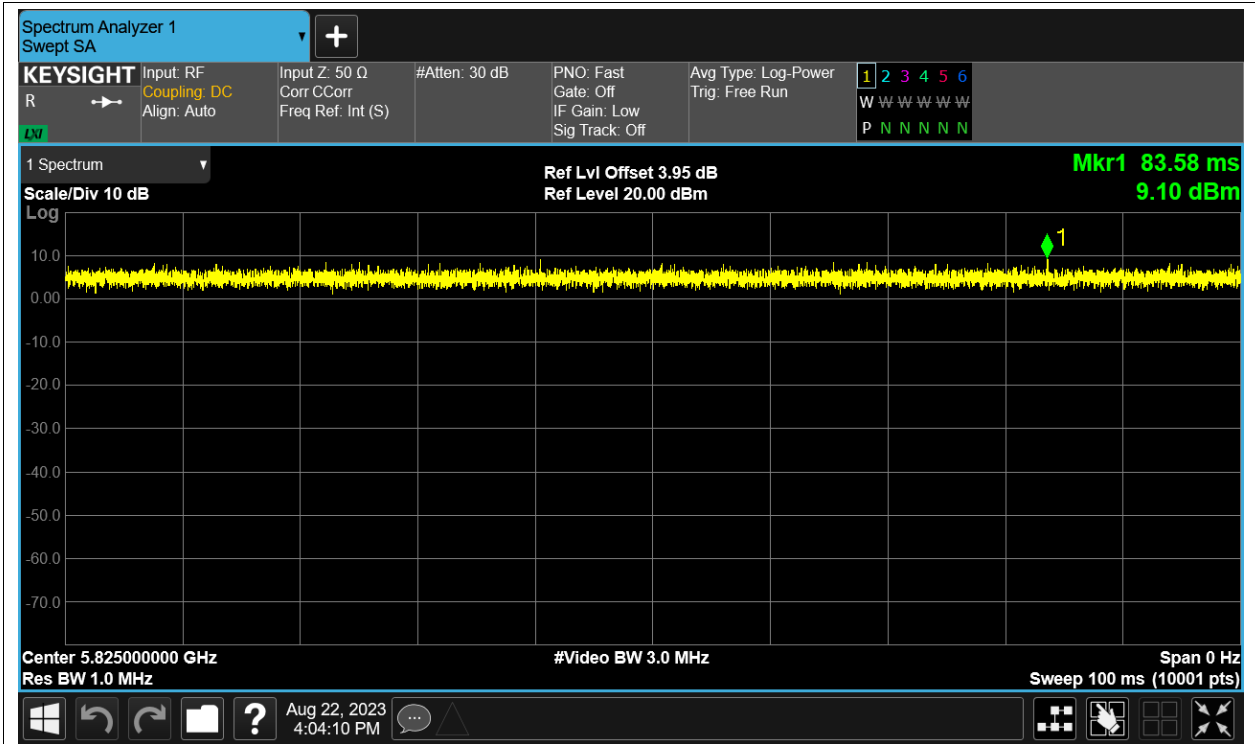
Duty Cycle NVNT a 5745MHz Ant12



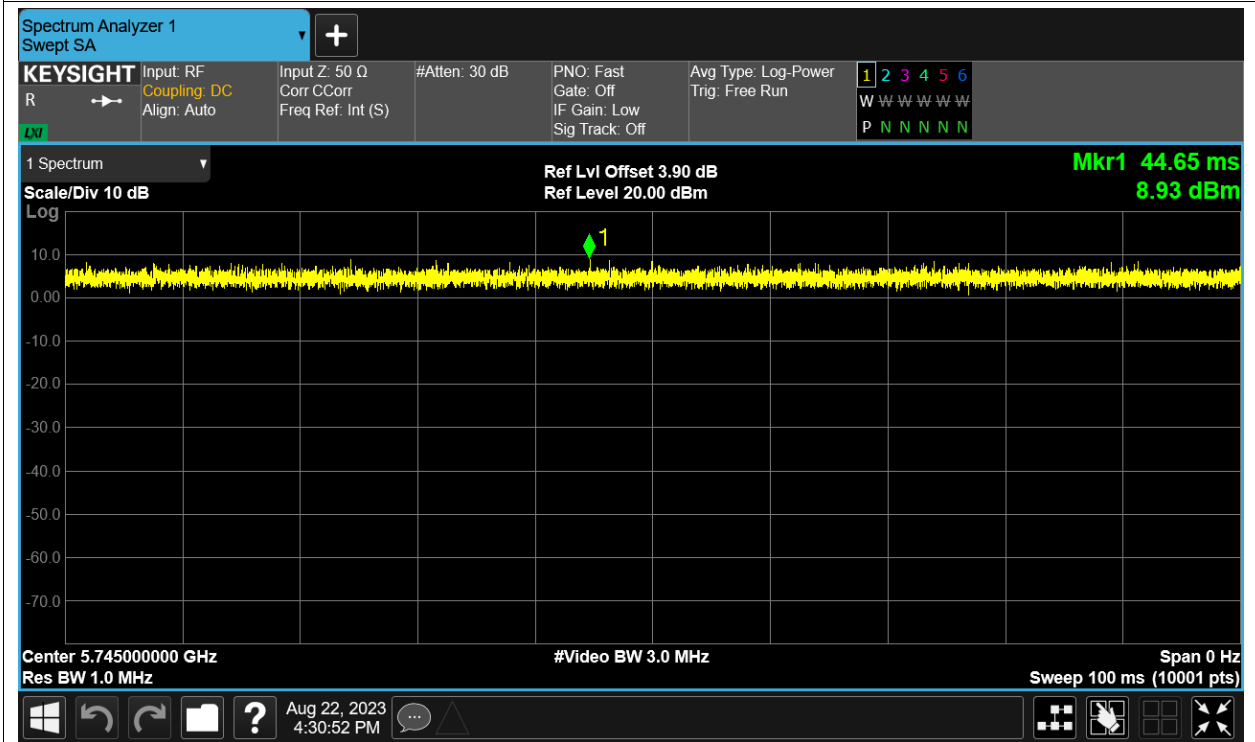
Duty Cycle NVNT a 5785MHz Ant12



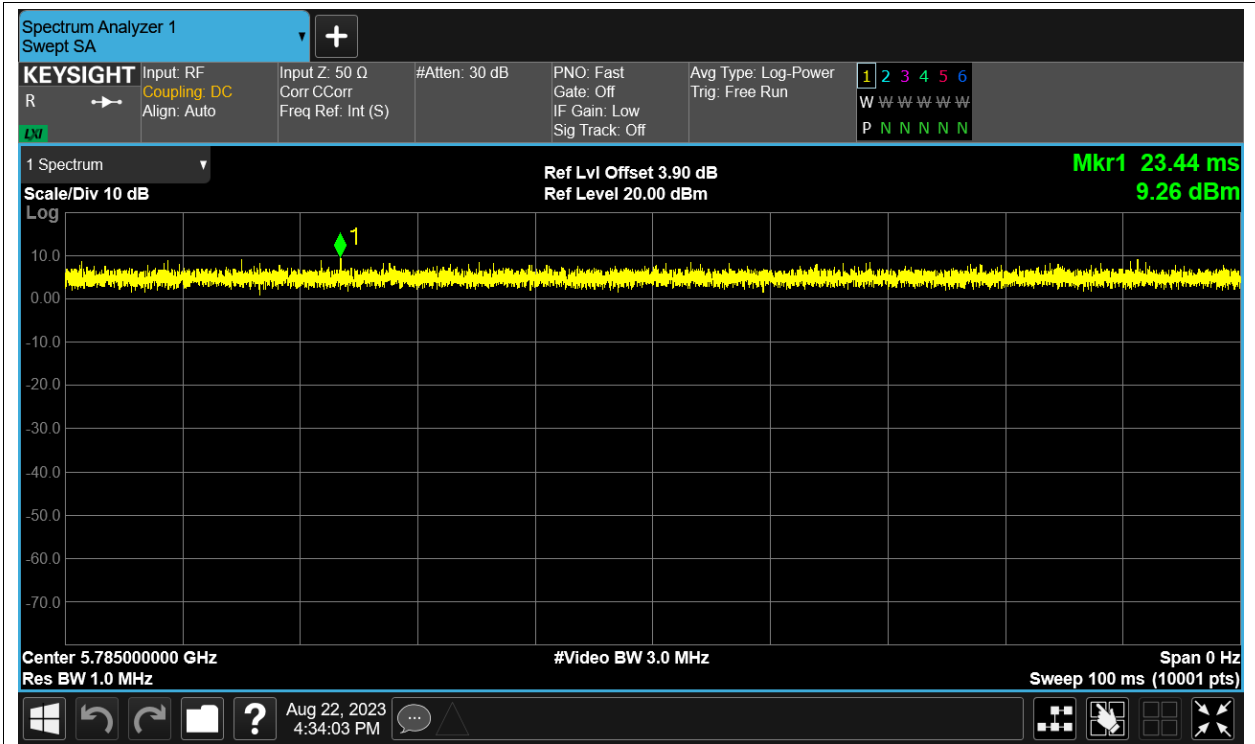
Duty Cycle NVNT a 5825MHz Ant12



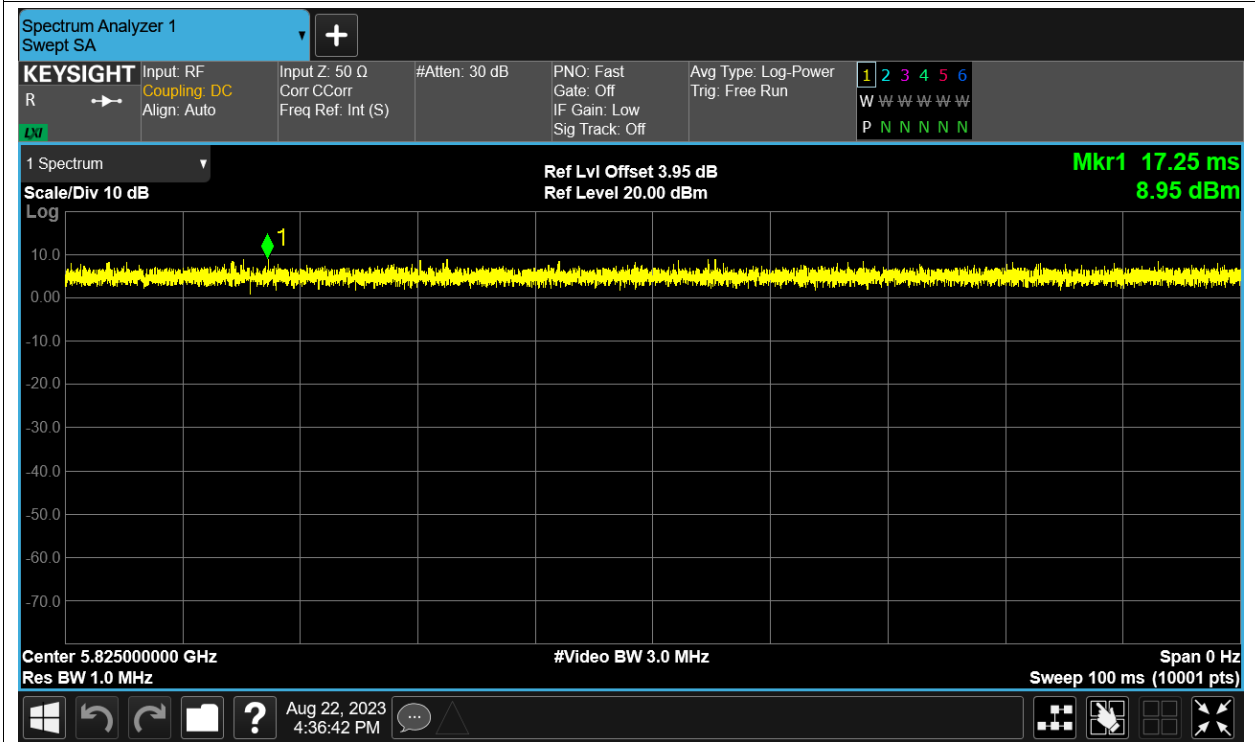
Duty Cycle NVNT ac20 5745MHz Ant12



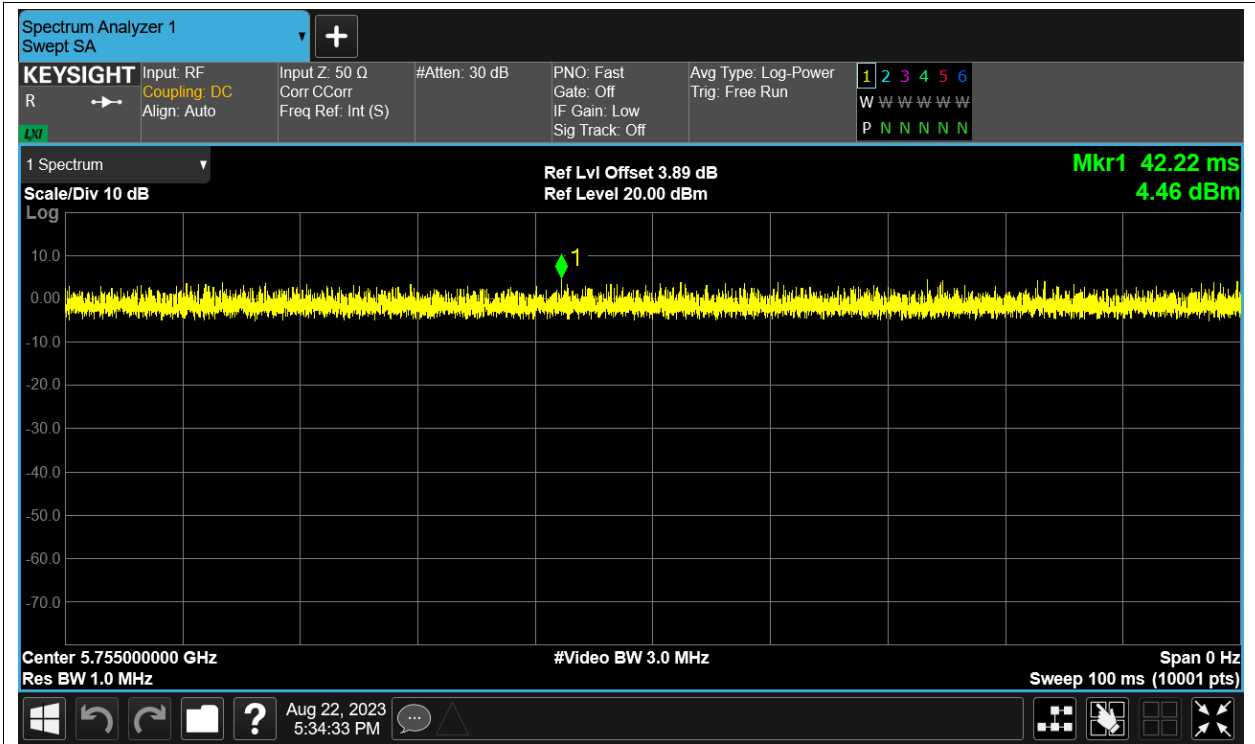
Duty Cycle NVNT ac20 5785MHz Ant12



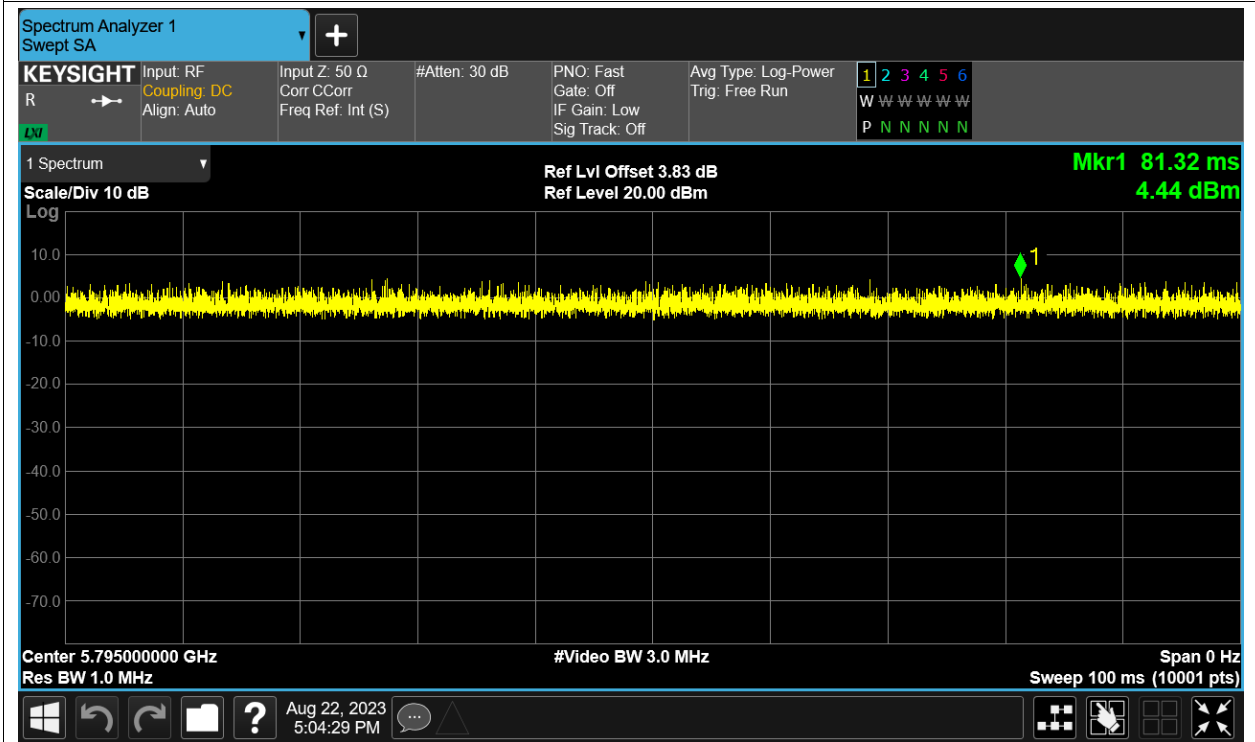
Duty Cycle NVNT ac20 5825MHz Ant12



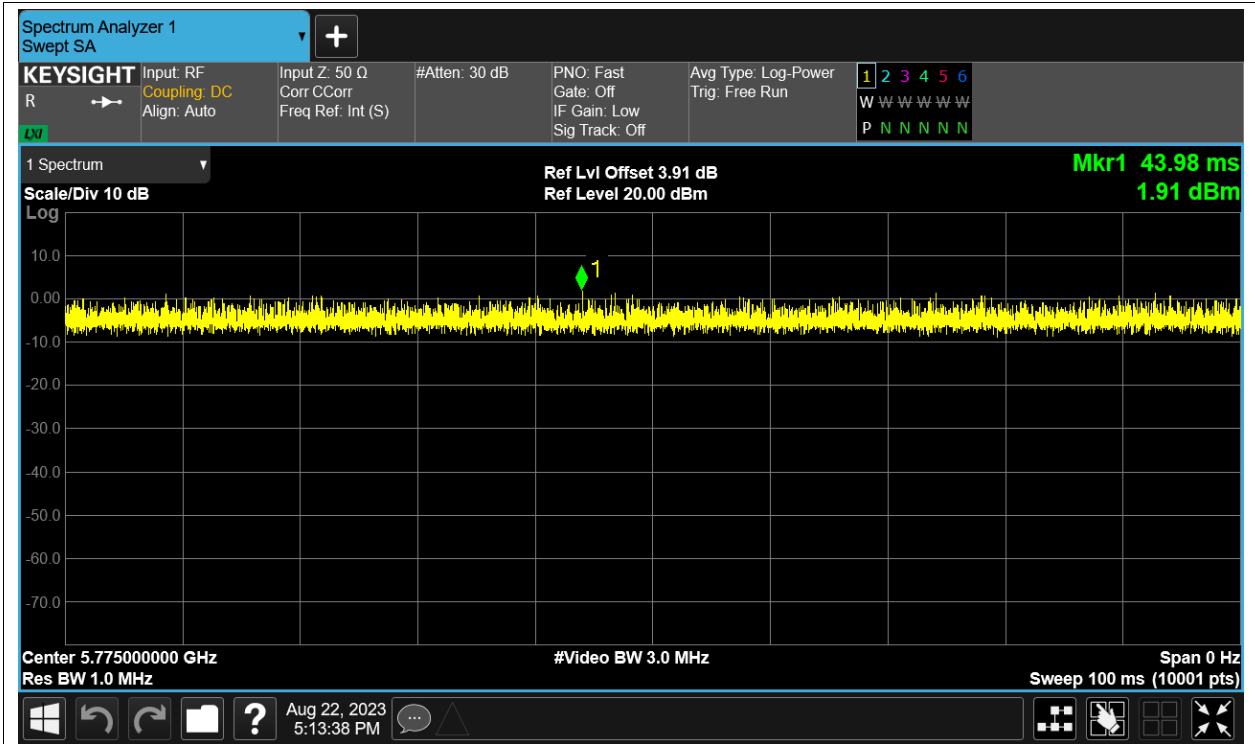
Duty Cycle NVNT ac40 5755MHz Ant12



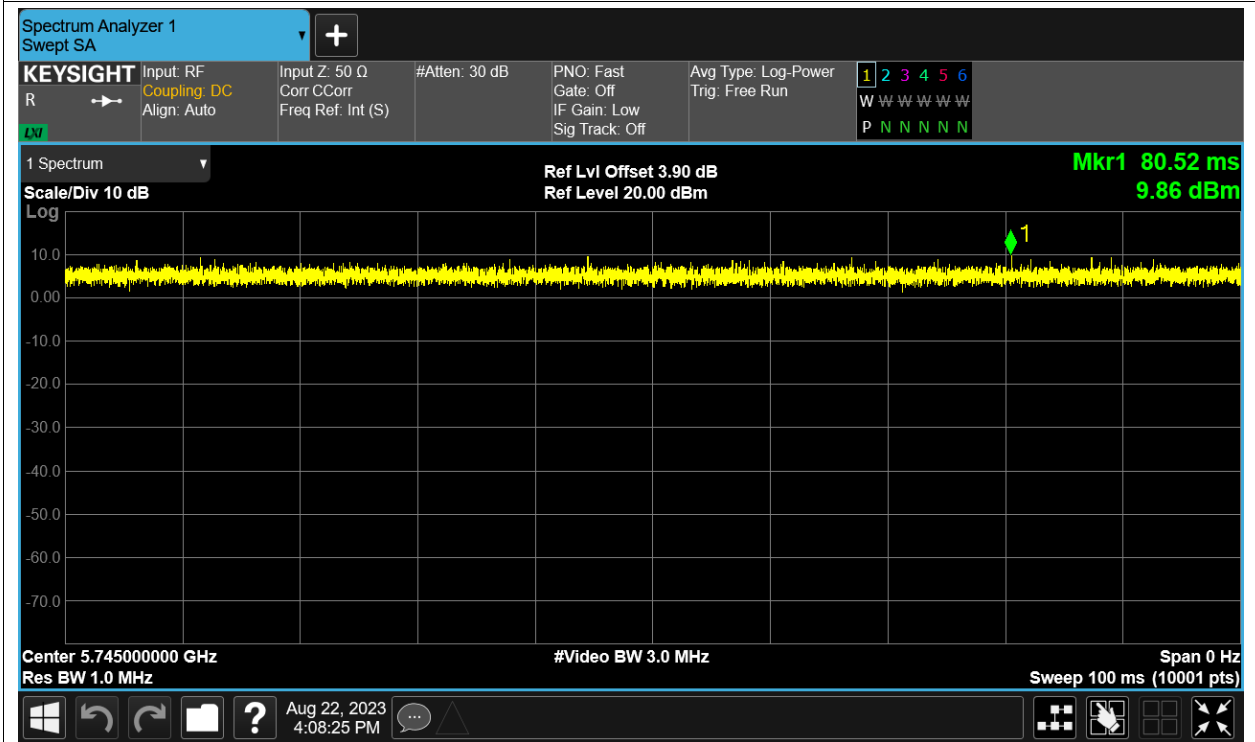
Duty Cycle NVNT ac40 5795MHz Ant12



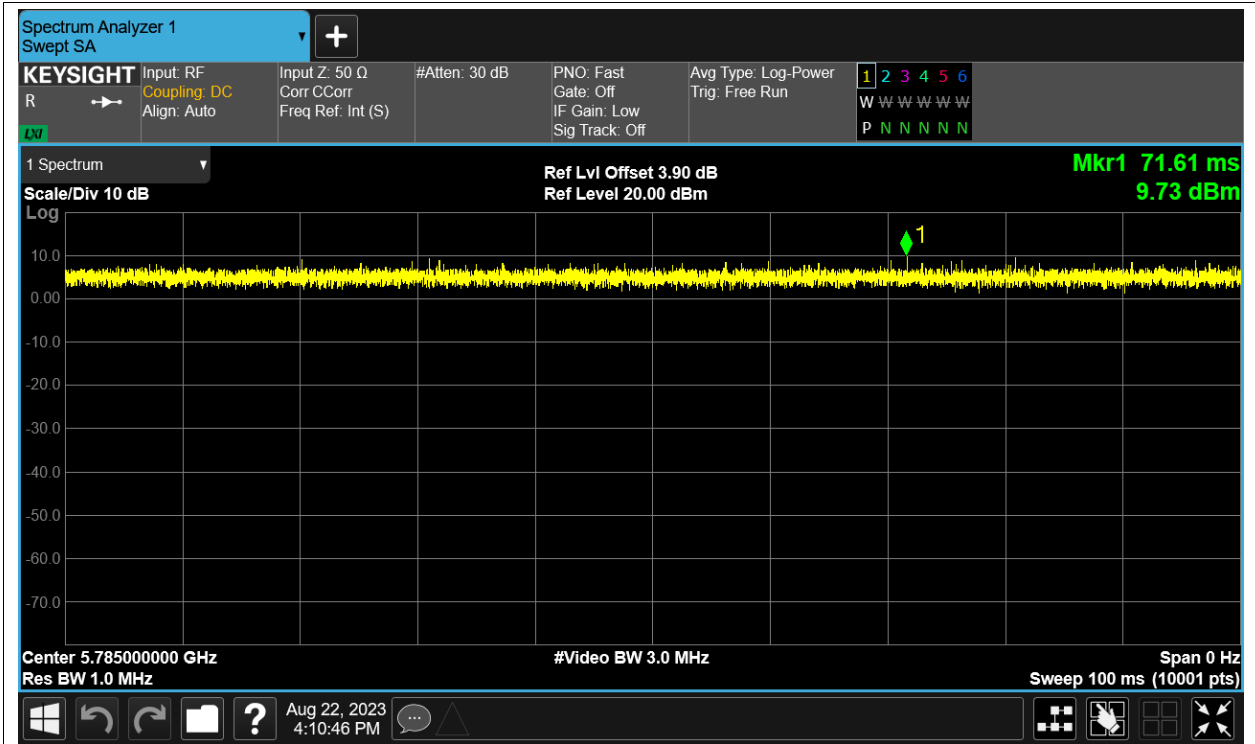
Duty Cycle NVNT ac80 5775MHz Ant12



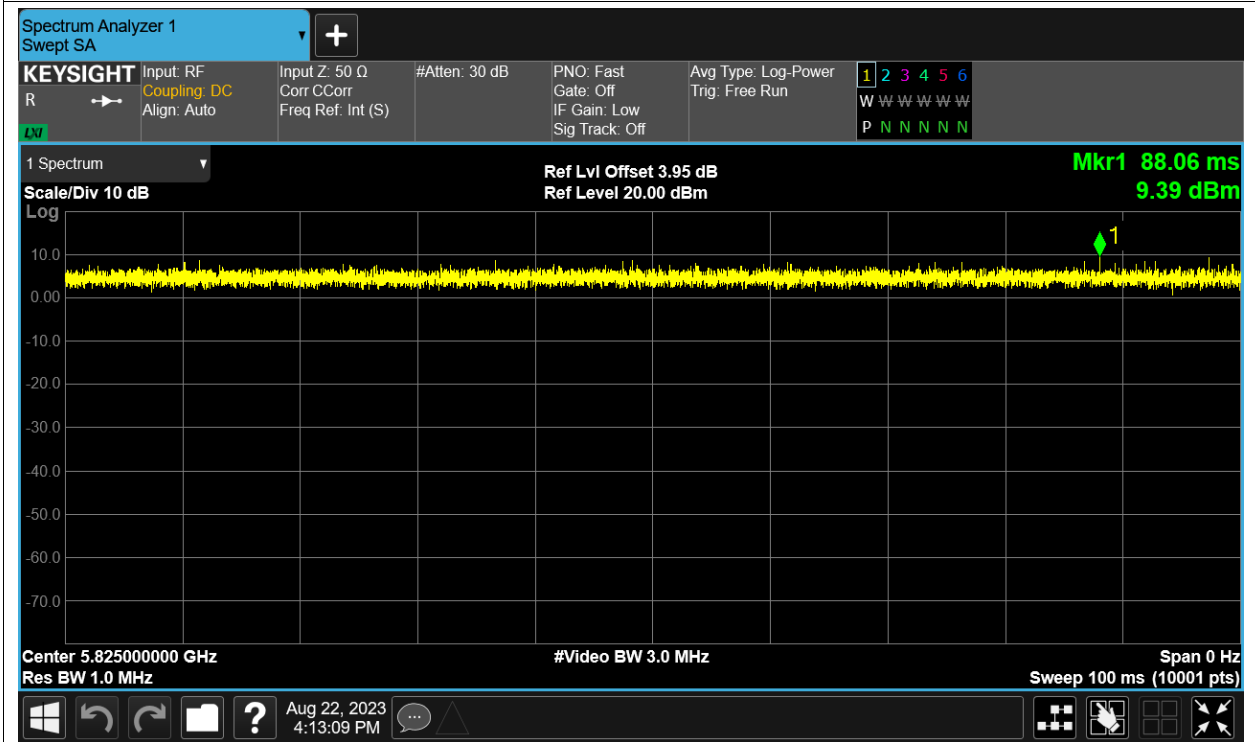
Duty Cycle NVNT n20 5745MHz Ant12



Duty Cycle NVNT n20 5785MHz Ant12

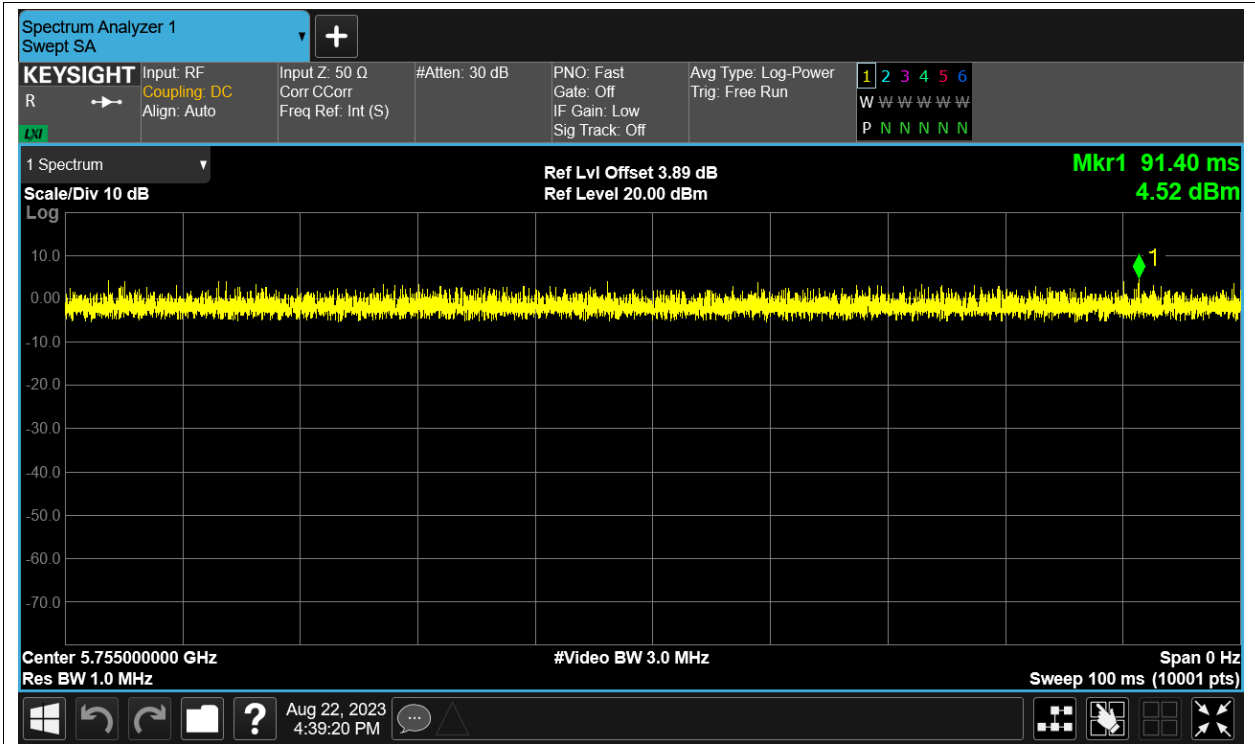


Duty Cycle NVNT n20 5825MHz Ant12

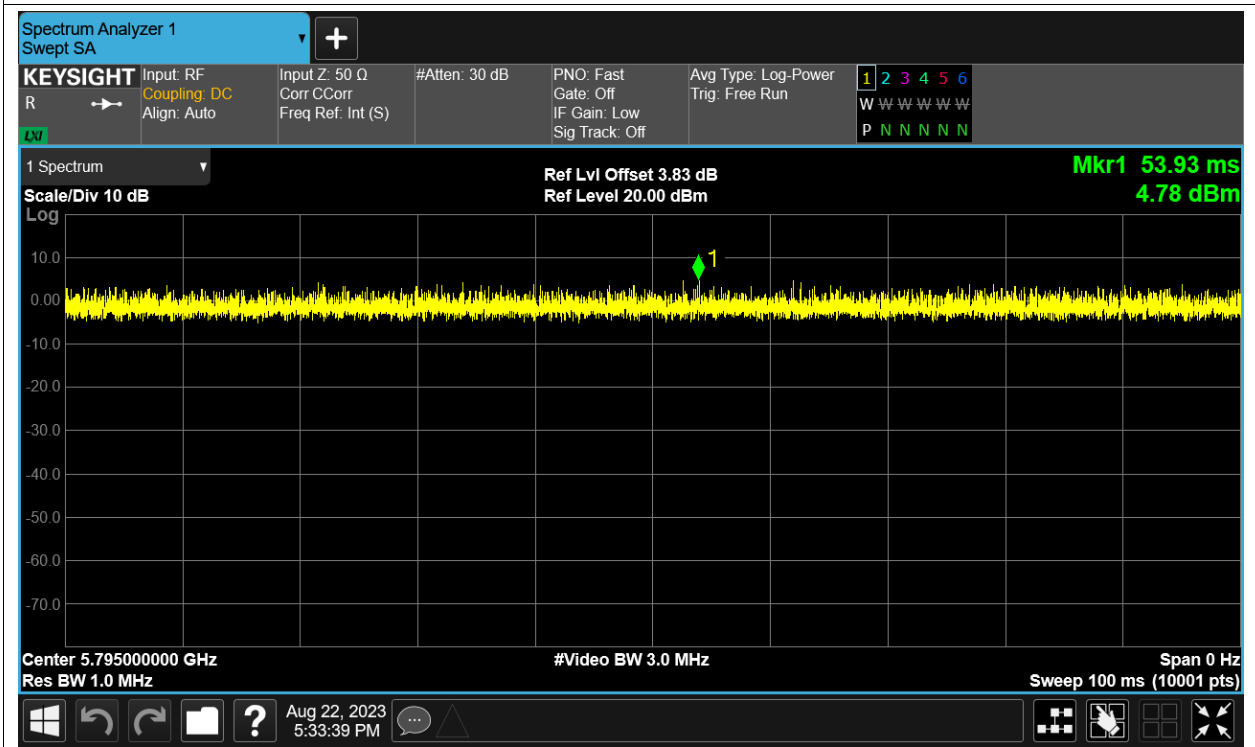


Duty Cycle NVNT n40 5755MHz Ant12





Duty Cycle NVNT n40 5795MHz Ant12

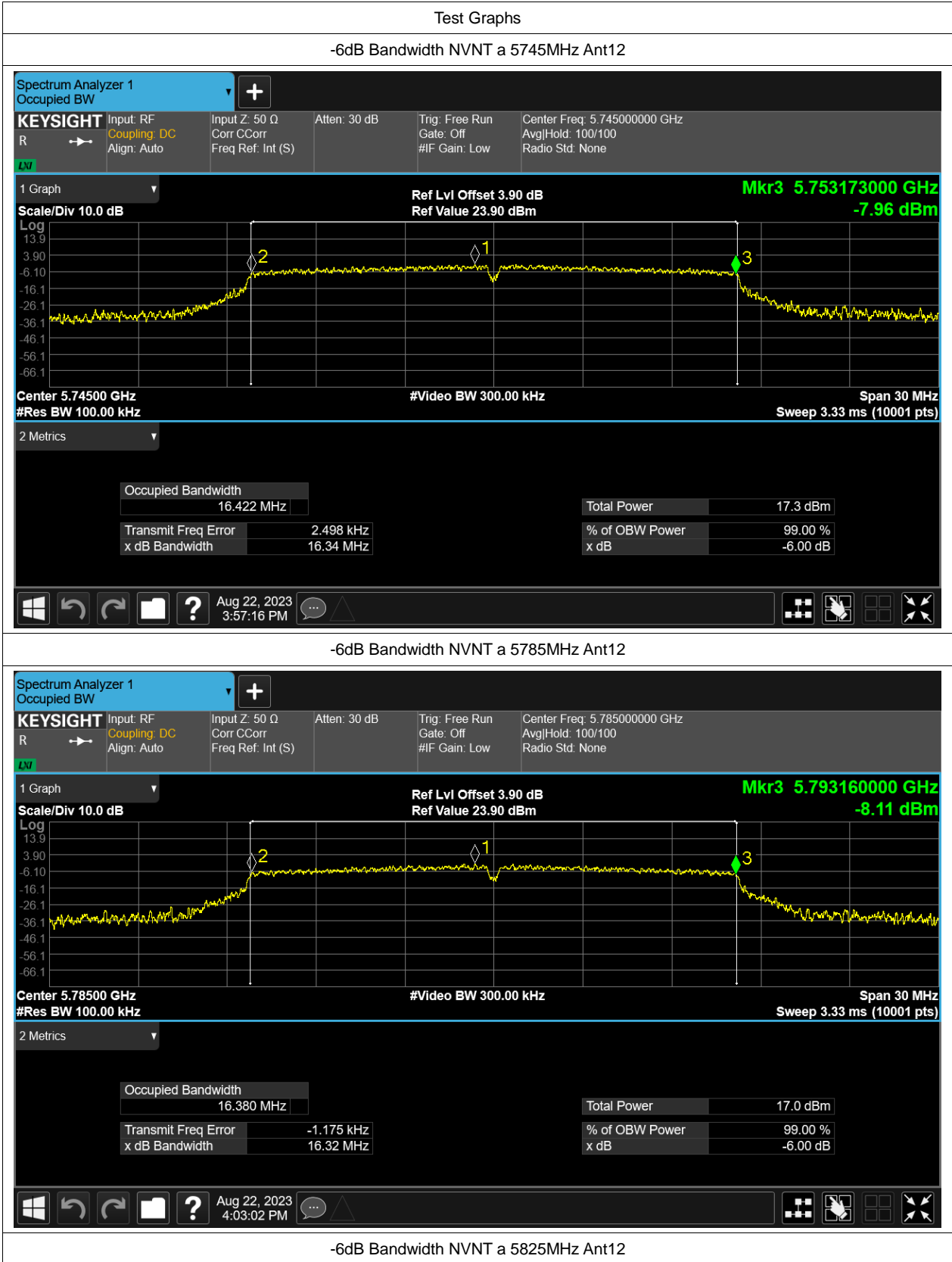


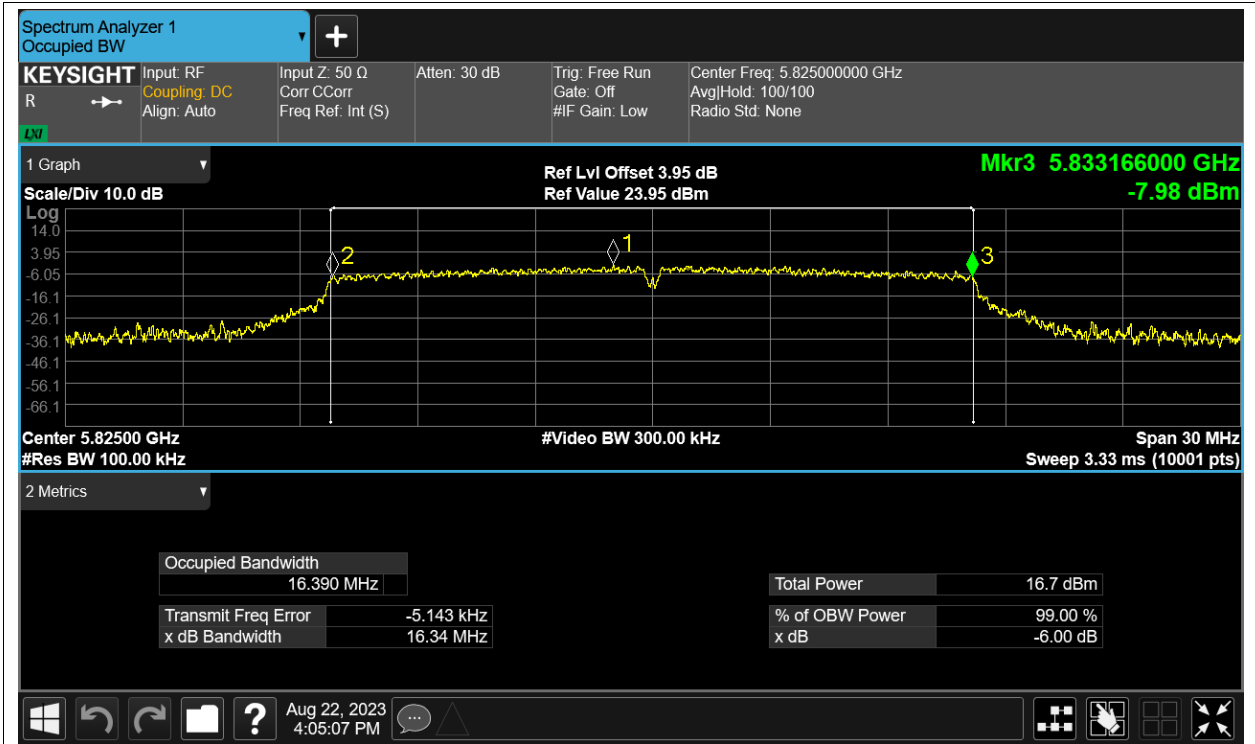
## Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant12   | 13.67                 | 0                | 13.67             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant12   | 14.31                 | 0                | 14.31             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant12   | 13.81                 | 0                | 13.81             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant12   | 13.05                 | 0                | 13.05             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant12   | 14.29                 | 0                | 14.29             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant12   | 14.09                 | 0                | 14.09             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant12   | 13.11                 | 0                | 13.11             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant12   | 14.18                 | 0                | 14.18             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant12   | 13.46                 | 0                | 13.46             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant12   | 13.46                 | 0                | 13.46             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant12   | 14.3                  | 0                | 14.3              | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant12   | 13.87                 | 0                | 13.87             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant12   | 13.14                 | 0                | 13.14             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant12   | 13.89                 | 0                | 13.89             | 30          | Pass    |

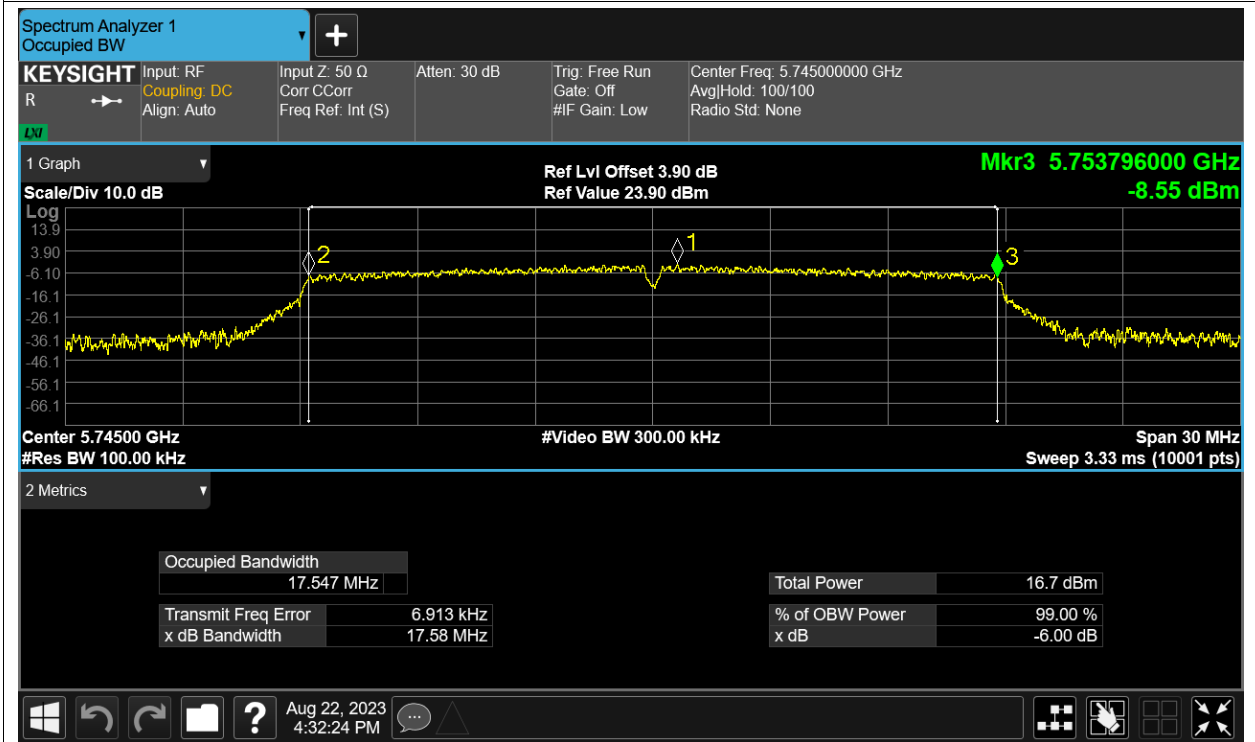
## -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | a    | 5745            | Ant12   | 16.34                 | 0.5   | Pass   |
| NVNT      | a    | 5785            | Ant12   | 16.323                | 0.5   | Pass   |
| NVNT      | a    | 5825            | Ant12   | 16.342                | 0.5   | Pass   |
| NVNT      | ac20 | 5745            | Ant12   | 17.578                | 0.5   | Pass   |
| NVNT      | ac20 | 5785            | Ant12   | 17.562                | 0.5   | Pass   |
| NVNT      | ac20 | 5825            | Ant12   | 17.579                | 0.5   | Pass   |
| NVNT      | ac40 | 5755            | Ant12   | 36.074                | 0.5   | Pass   |
| NVNT      | ac40 | 5795            | Ant12   | 36.291                | 0.5   | Pass   |
| NVNT      | ac80 | 5775            | Ant12   | 76.018                | 0.5   | Pass   |
| NVNT      | n20  | 5745            | Ant12   | 17.573                | 0.5   | Pass   |
| NVNT      | n20  | 5785            | Ant12   | 17.582                | 0.5   | Pass   |
| NVNT      | n20  | 5825            | Ant12   | 17.577                | 0.5   | Pass   |
| NVNT      | n40  | 5755            | Ant12   | 35.651                | 0.5   | Pass   |
| NVNT      | n40  | 5795            | Ant12   | 36.279                | 0.5   | Pass   |

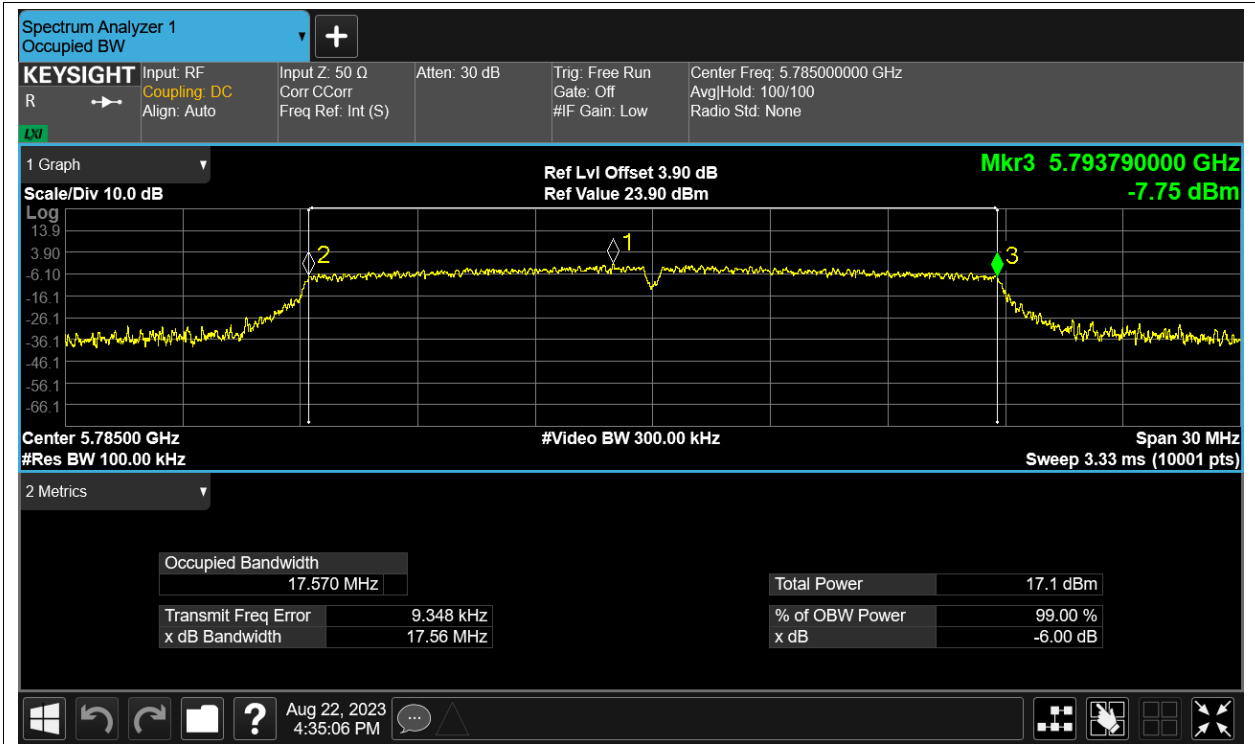




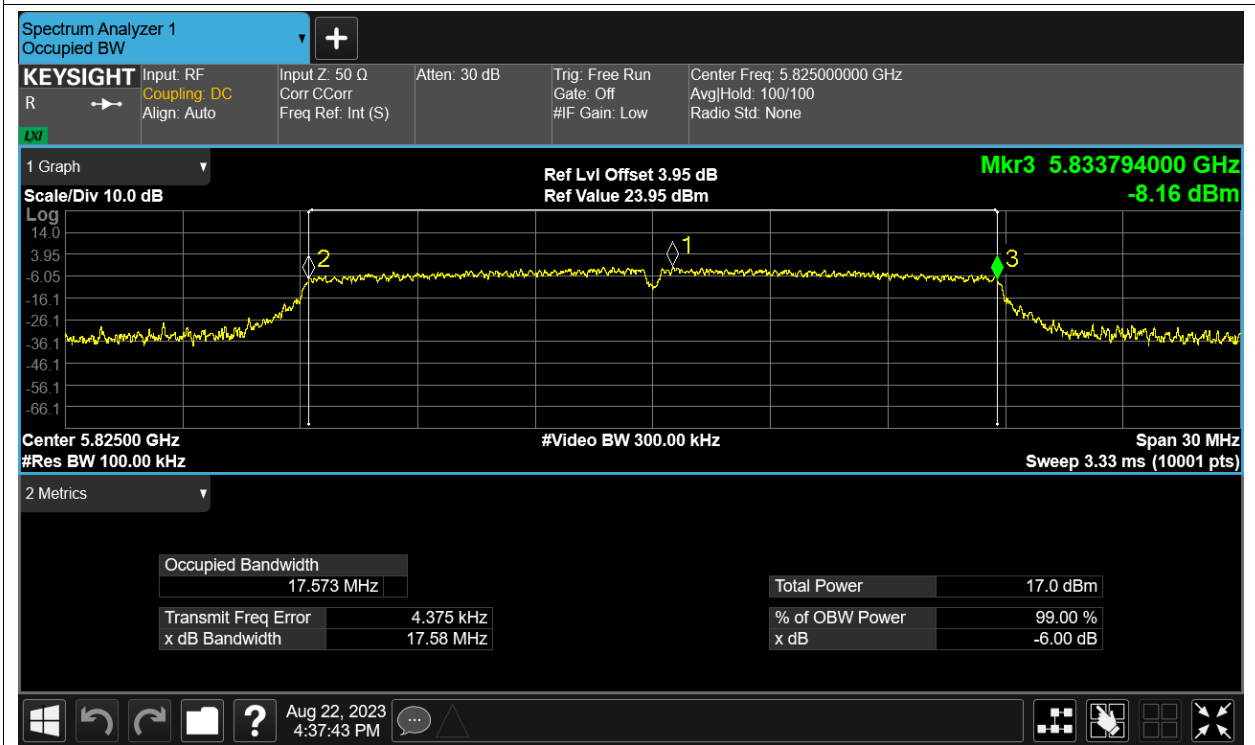
-6dB Bandwidth NVNT ac20 5745MHz Ant12



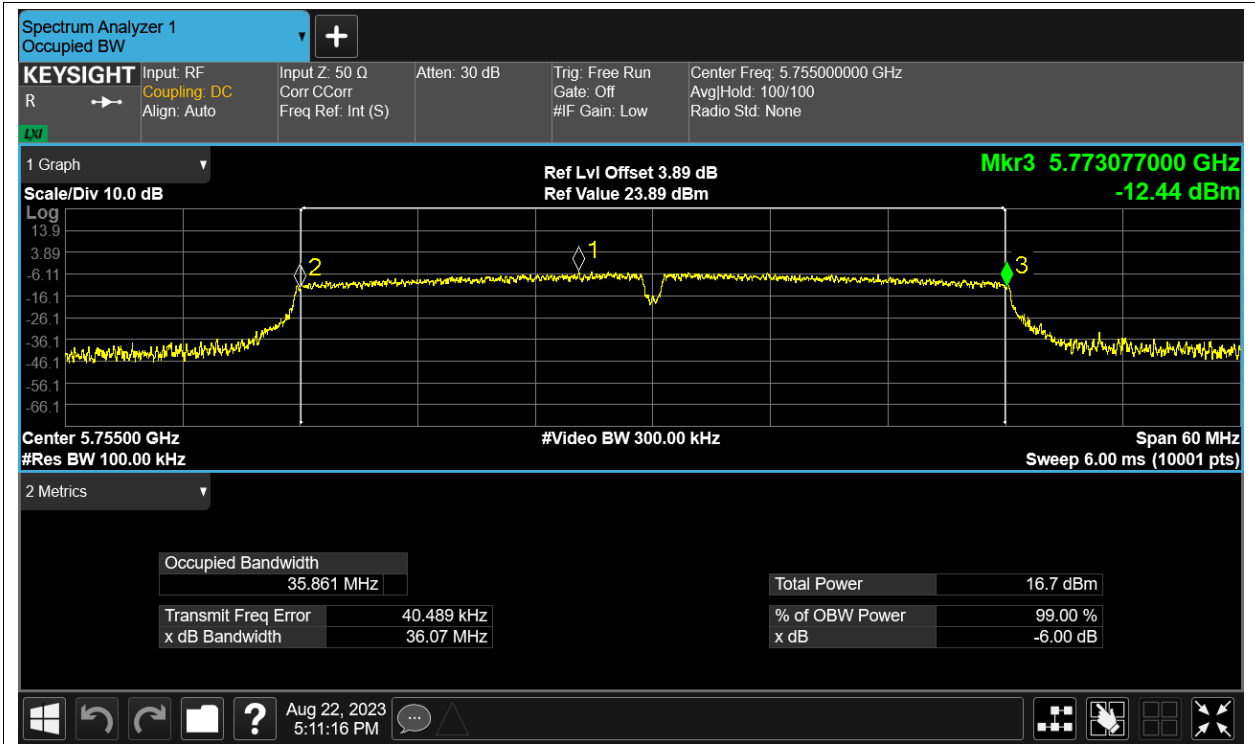
-6dB Bandwidth NVNT ac20 5785MHz Ant12



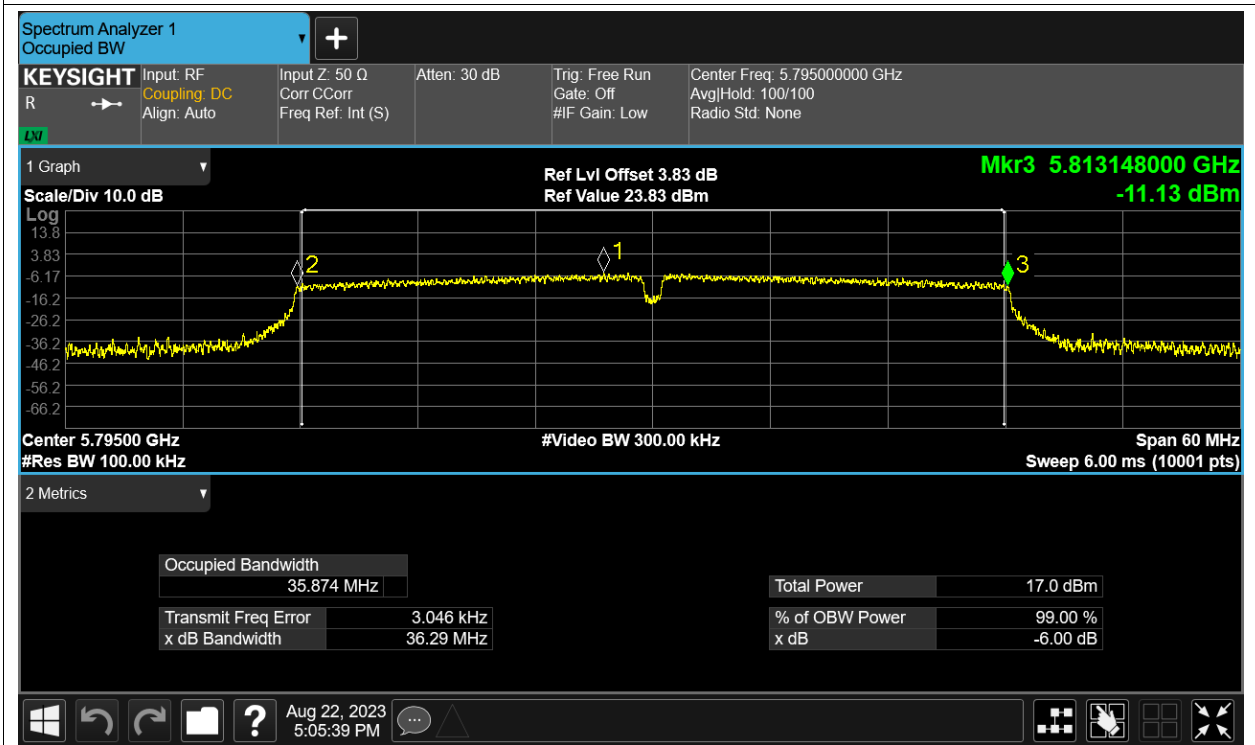
-6dB Bandwidth NVNT ac20 5825MHz Ant12



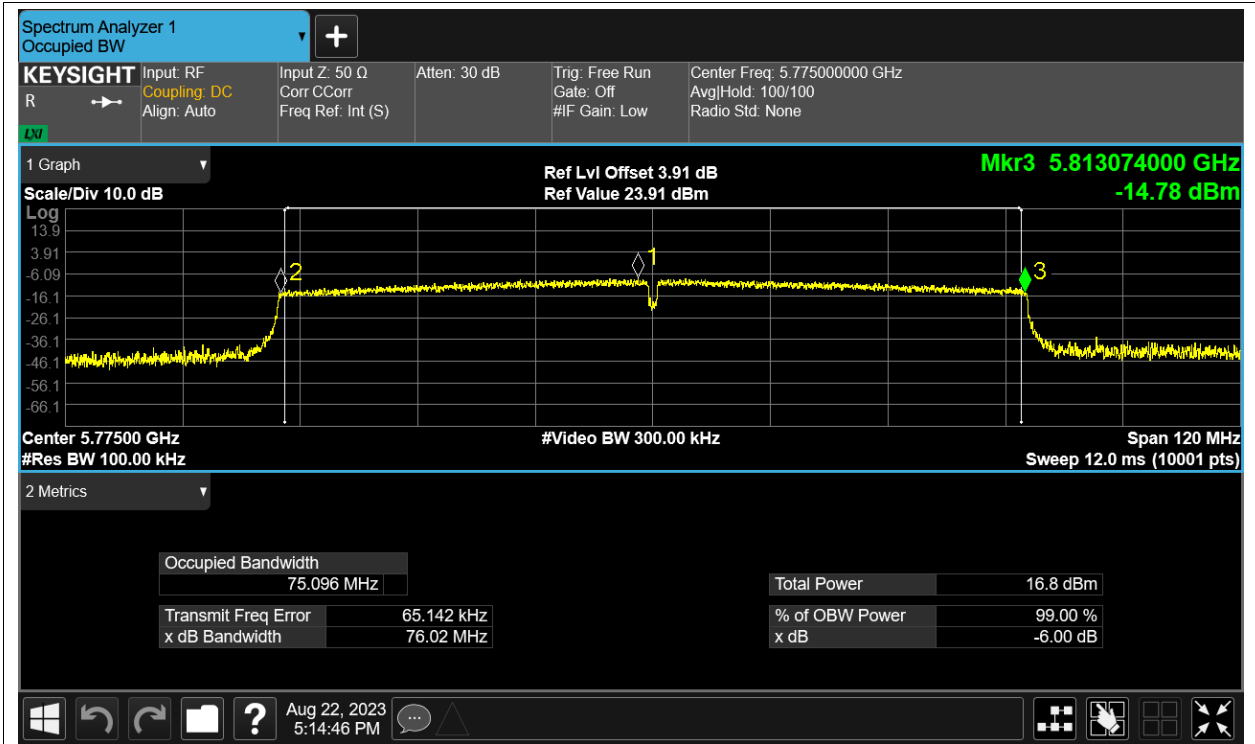
-6dB Bandwidth NVNT ac40 5755MHz Ant12



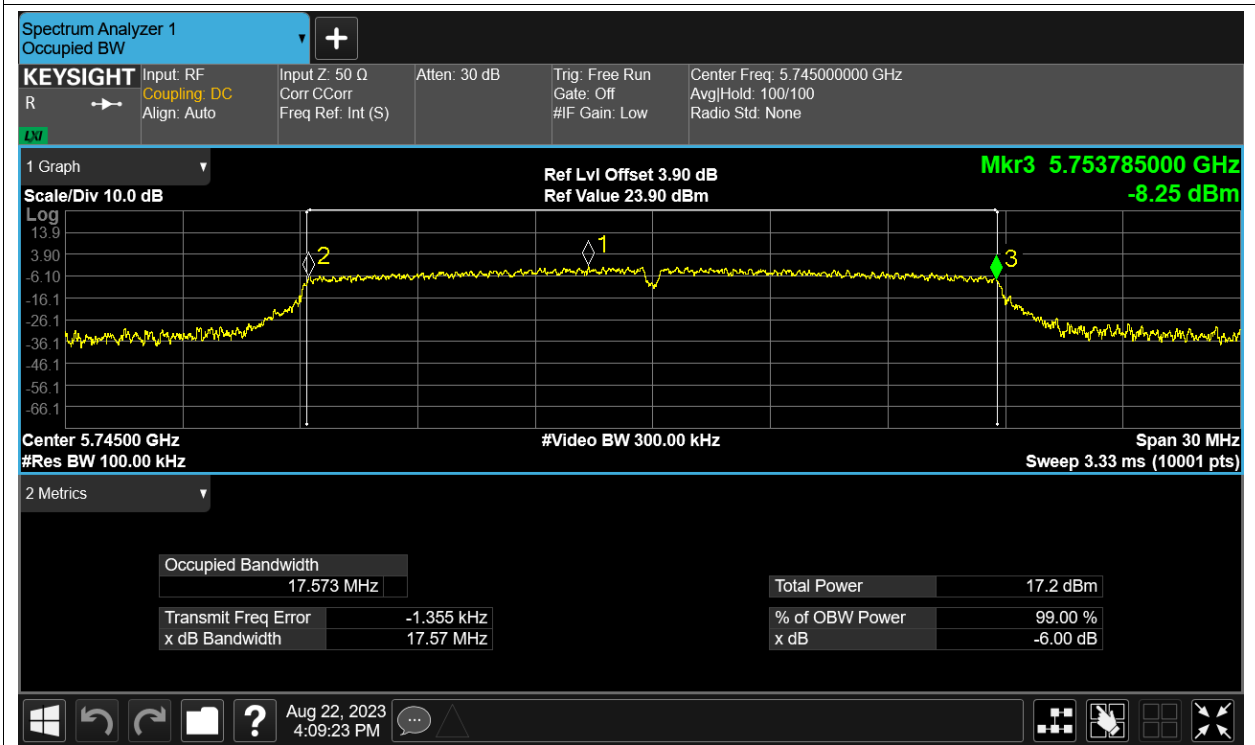
-6dB Bandwidth NVNT ac40 5795MHz Ant12



-6dB Bandwidth NVNT ac80 5775MHz Ant12

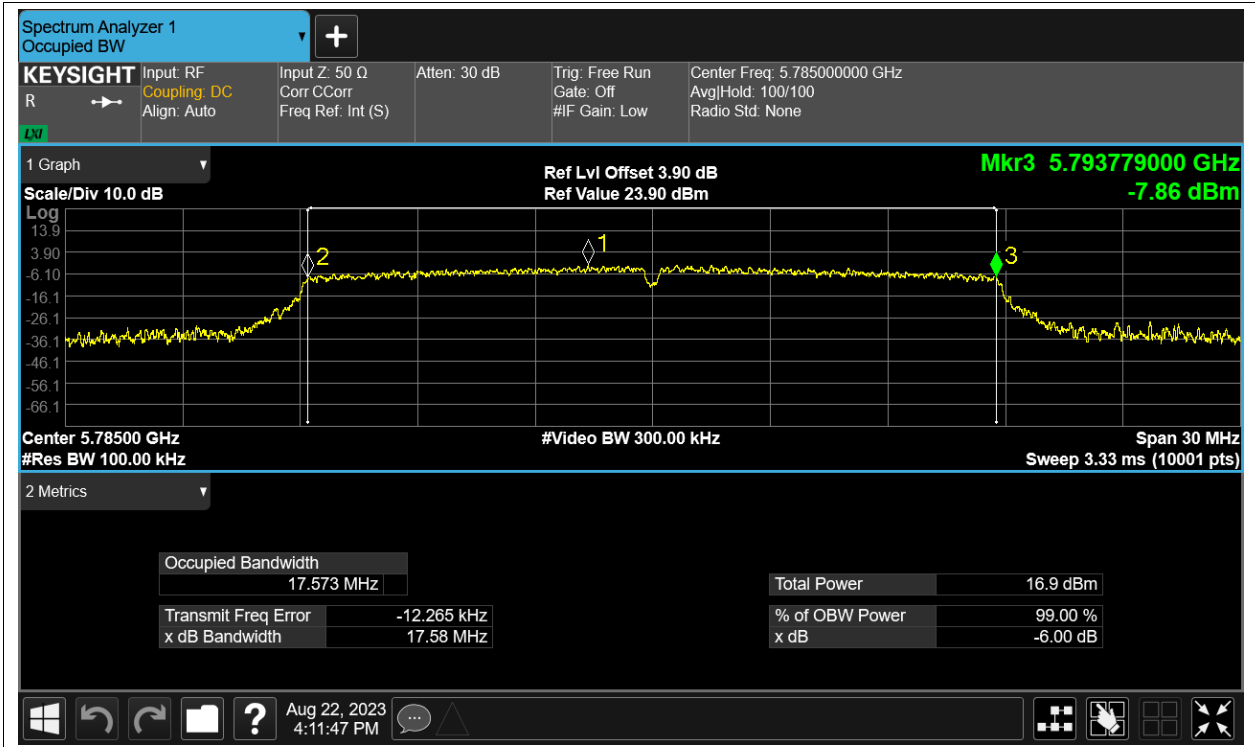


-6dB Bandwidth NVNT n20 5745MHz Ant12

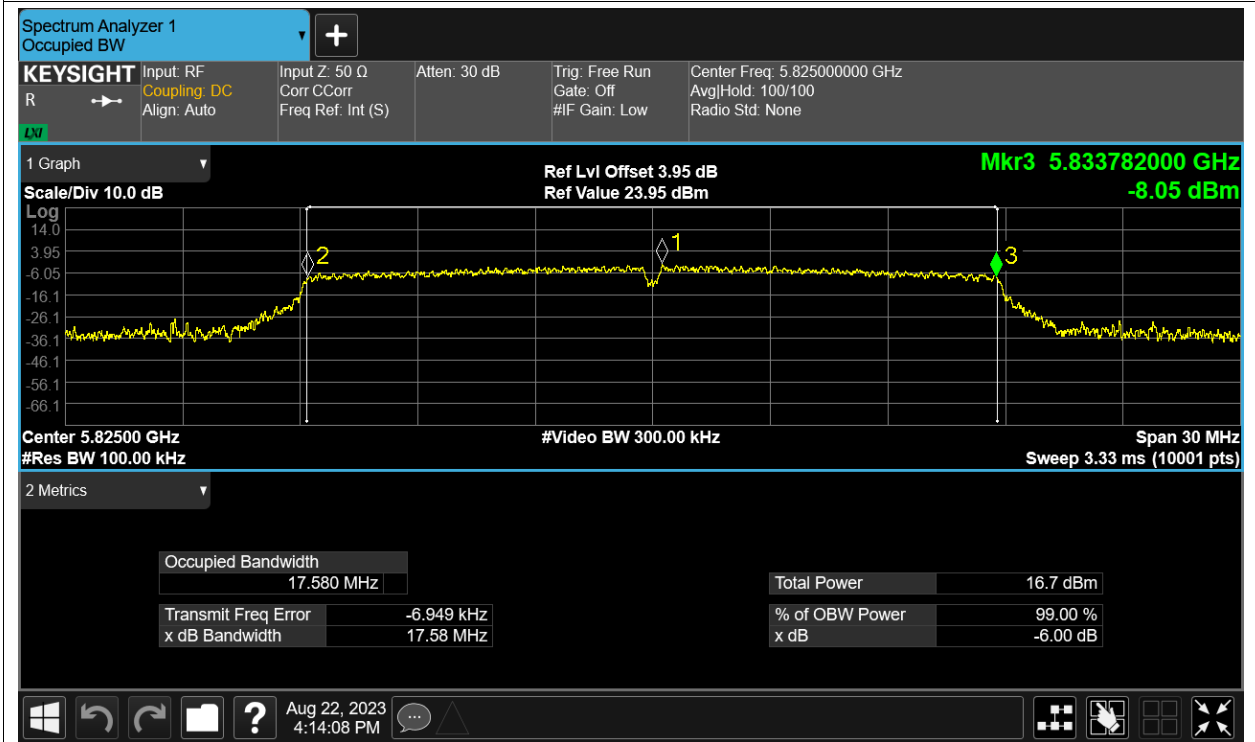


-6dB Bandwidth NVNT n20 5785MHz Ant12

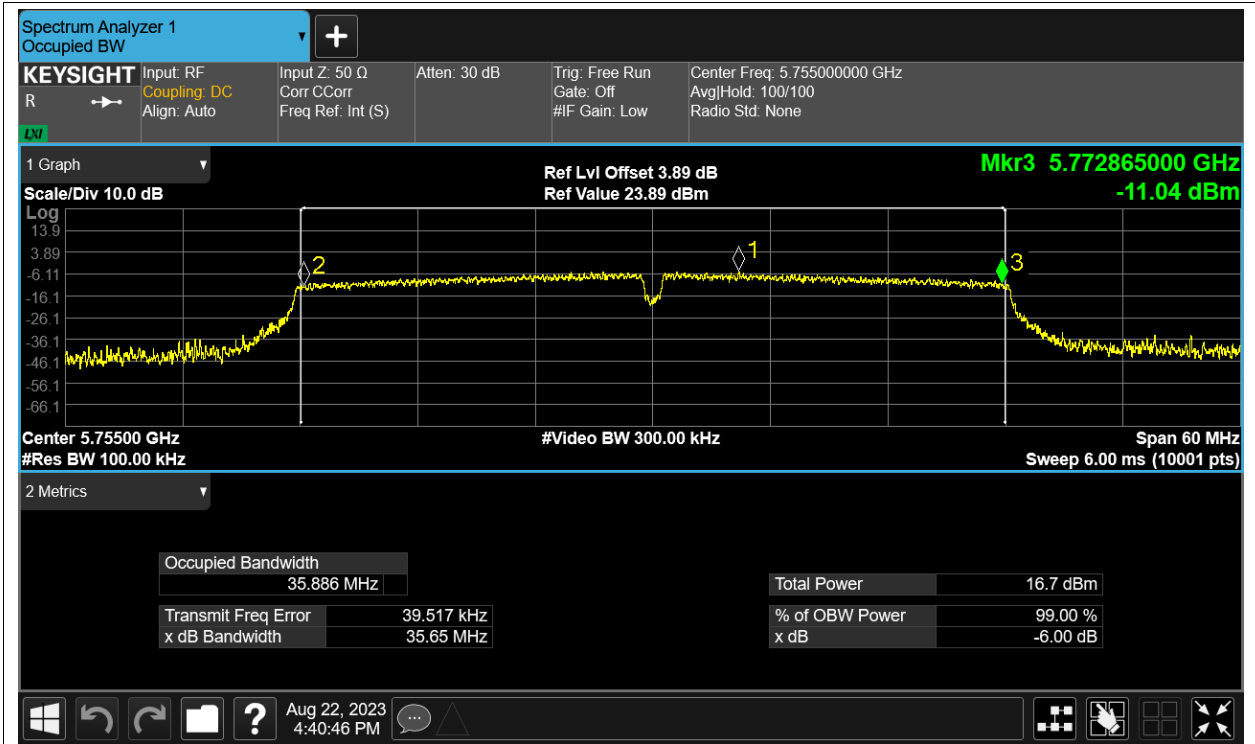




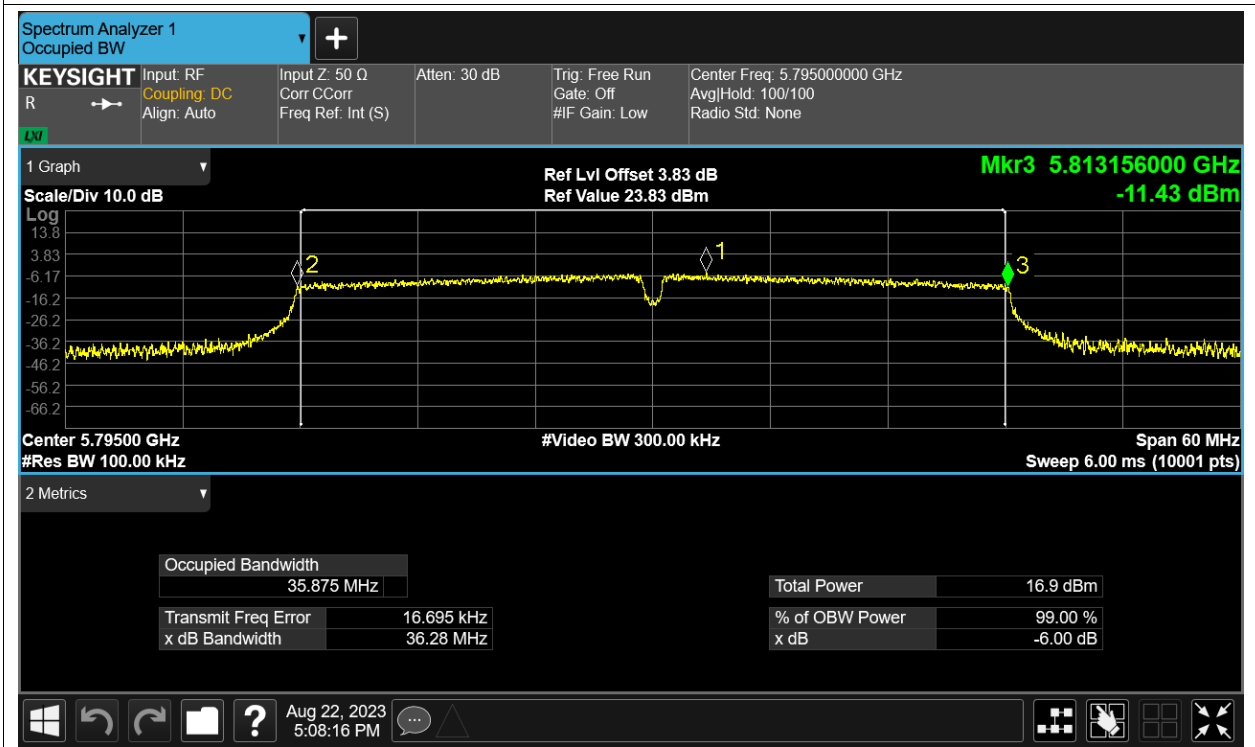
-6dB Bandwidth NVNT n20 5825MHz Ant12



-6dB Bandwidth NVNT n40 5755MHz Ant12

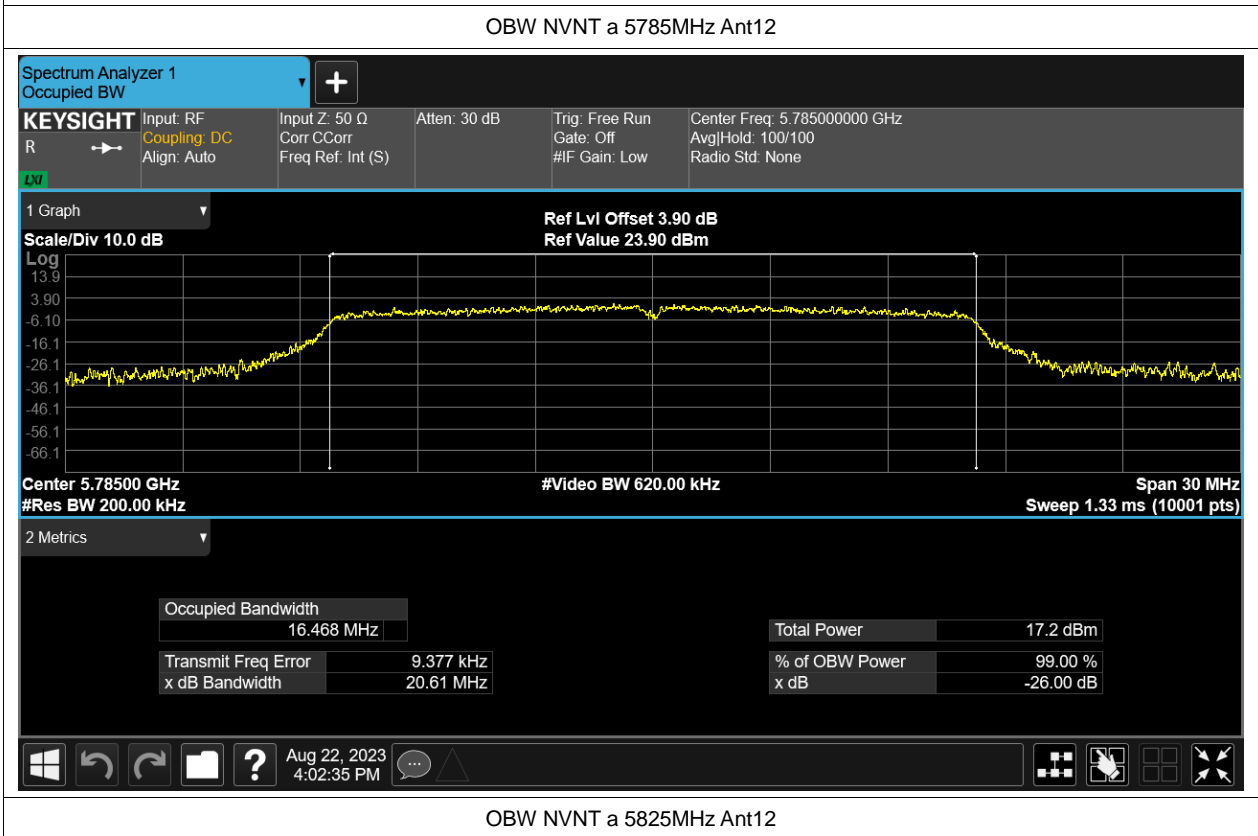
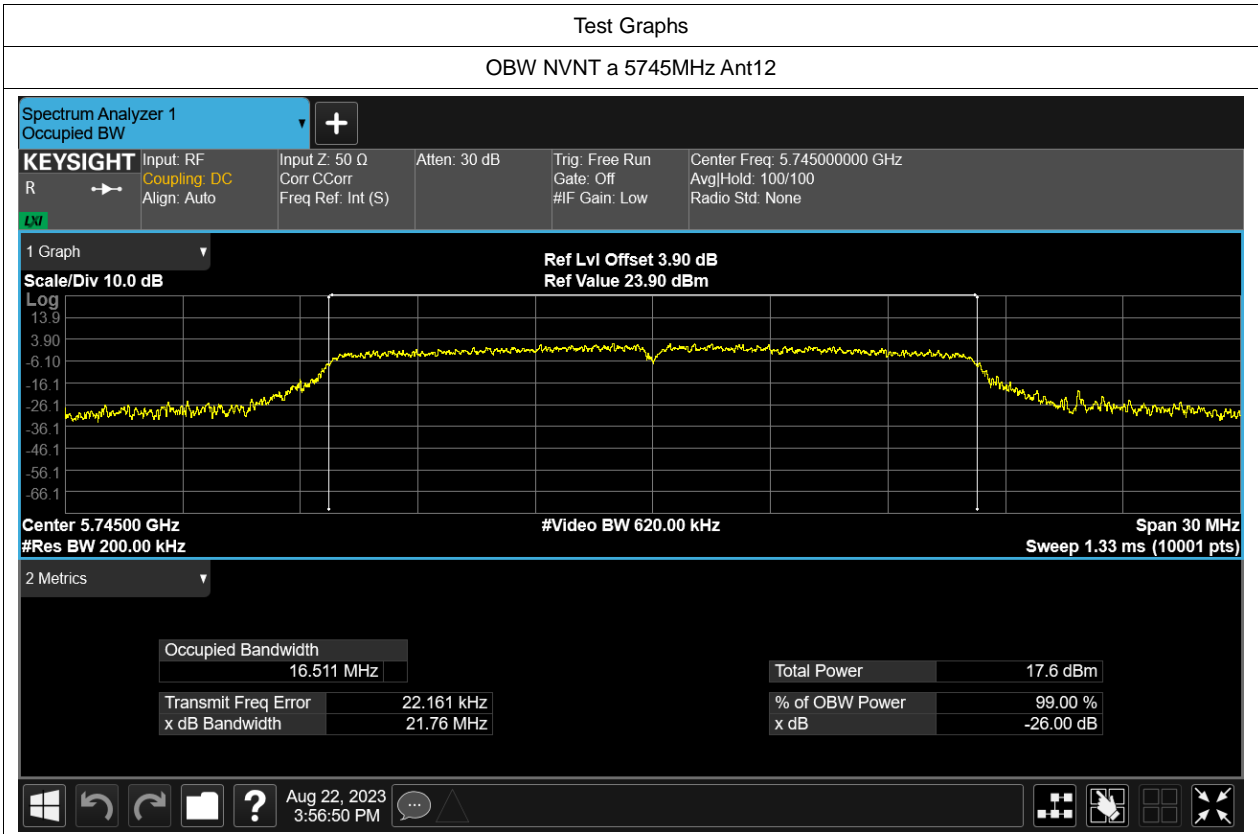


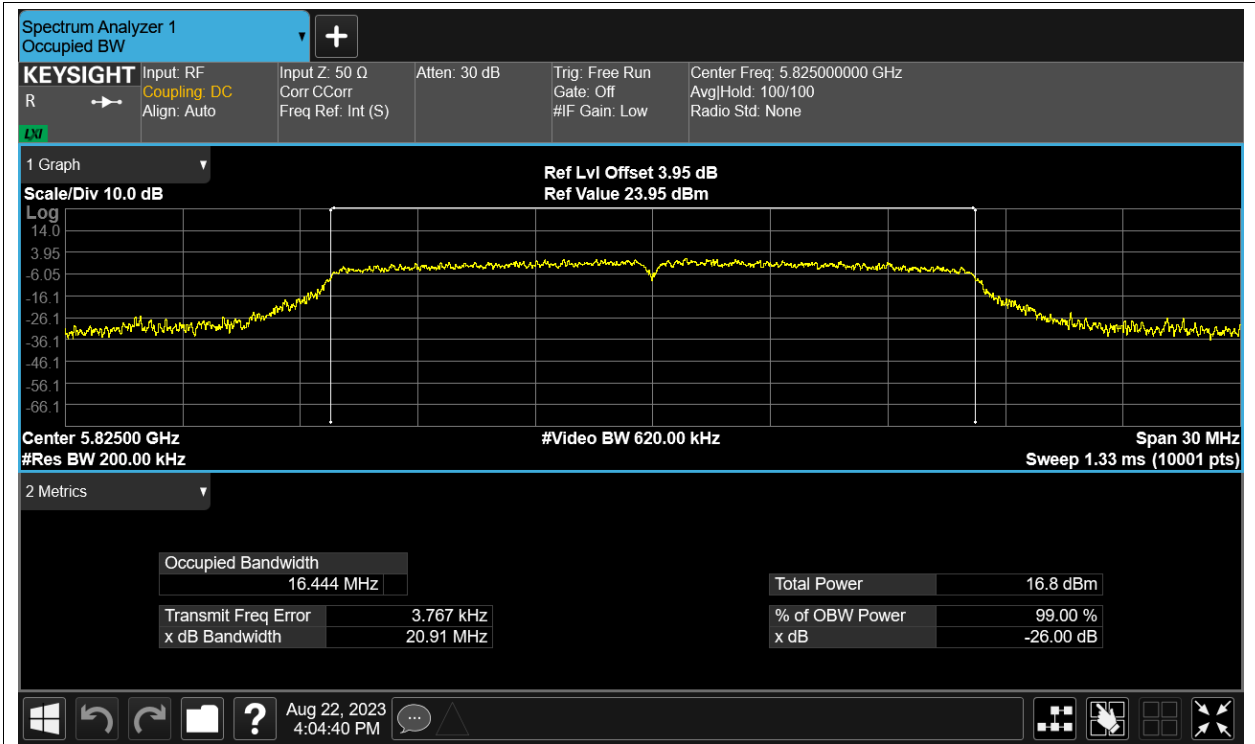
-6dB Bandwidth NVNT n40 5795MHz Ant12



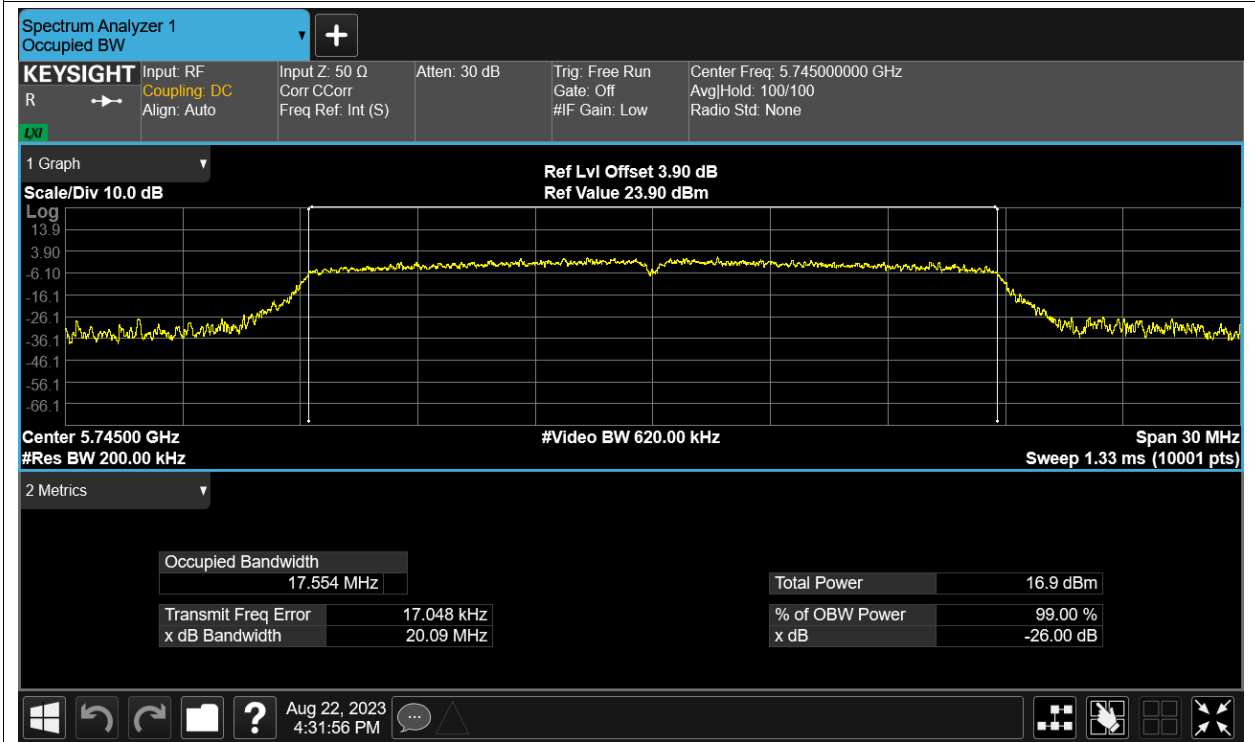
## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant12   | 16.511        |
| NVNT      | a    | 5785            | Ant12   | 16.468        |
| NVNT      | a    | 5825            | Ant12   | 16.444        |
| NVNT      | ac20 | 5745            | Ant12   | 17.554        |
| NVNT      | ac20 | 5785            | Ant12   | 17.579        |
| NVNT      | ac20 | 5825            | Ant12   | 17.615        |
| NVNT      | ac40 | 5755            | Ant12   | 35.981        |
| NVNT      | ac40 | 5795            | Ant12   | 35.971        |
| NVNT      | ac80 | 5775            | Ant12   | 75.105        |
| NVNT      | n20  | 5745            | Ant12   | 17.601        |
| NVNT      | n20  | 5785            | Ant12   | 17.59         |
| NVNT      | n20  | 5825            | Ant12   | 17.621        |
| NVNT      | n40  | 5755            | Ant12   | 35.965        |
| NVNT      | n40  | 5795            | Ant12   | 35.962        |

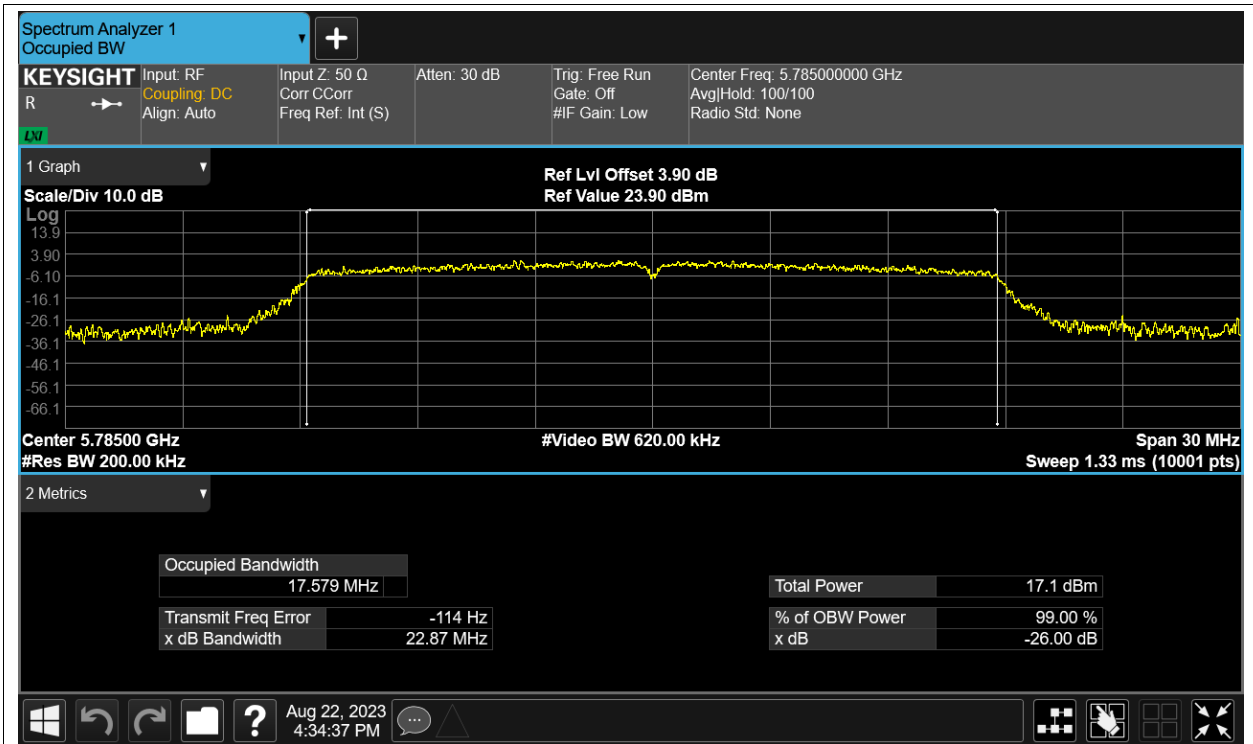




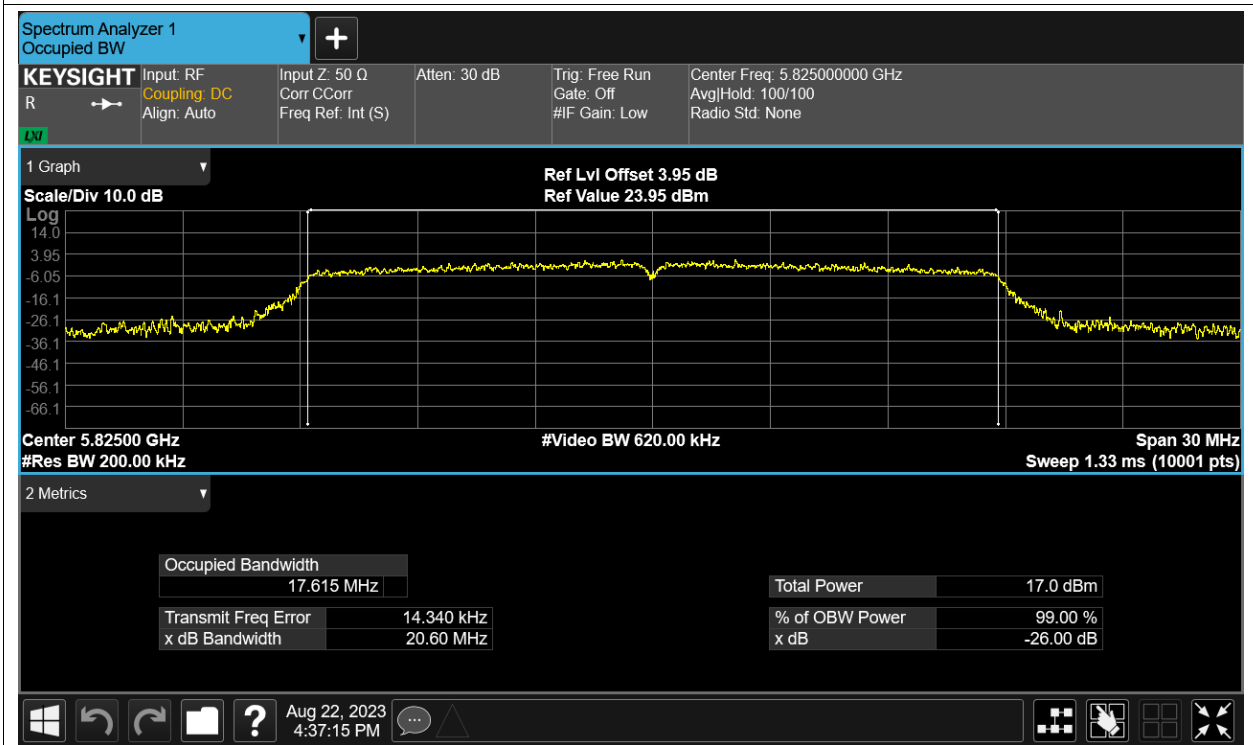
OBW NVNT ac20 5745MHz Ant12



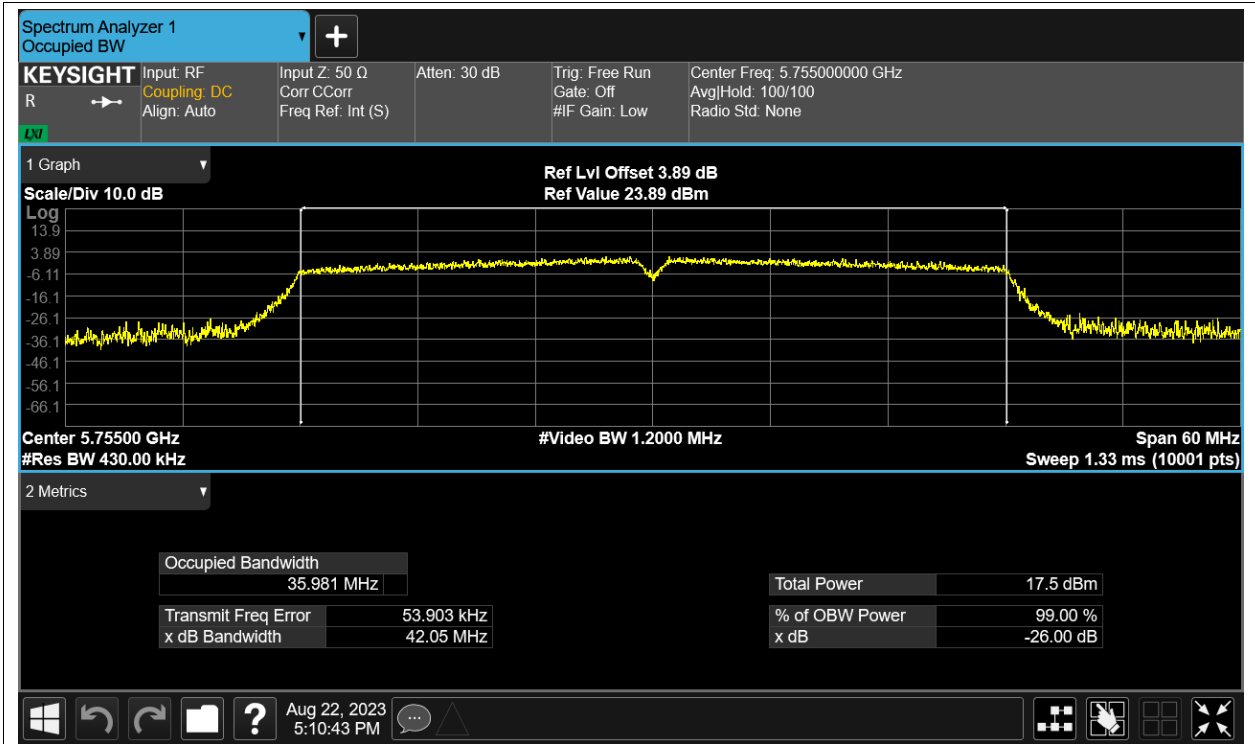
OBW NVNT ac20 5785MHz Ant12



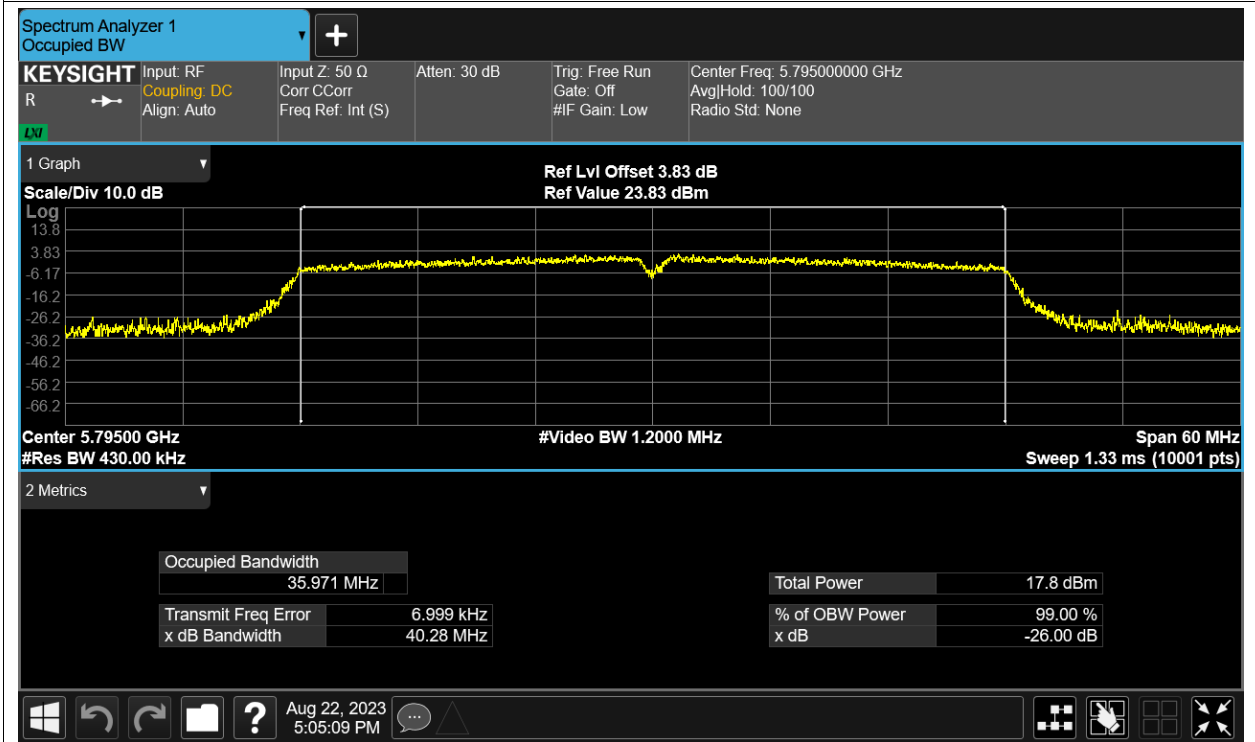
OBW NVNT ac20 5825MHz Ant12



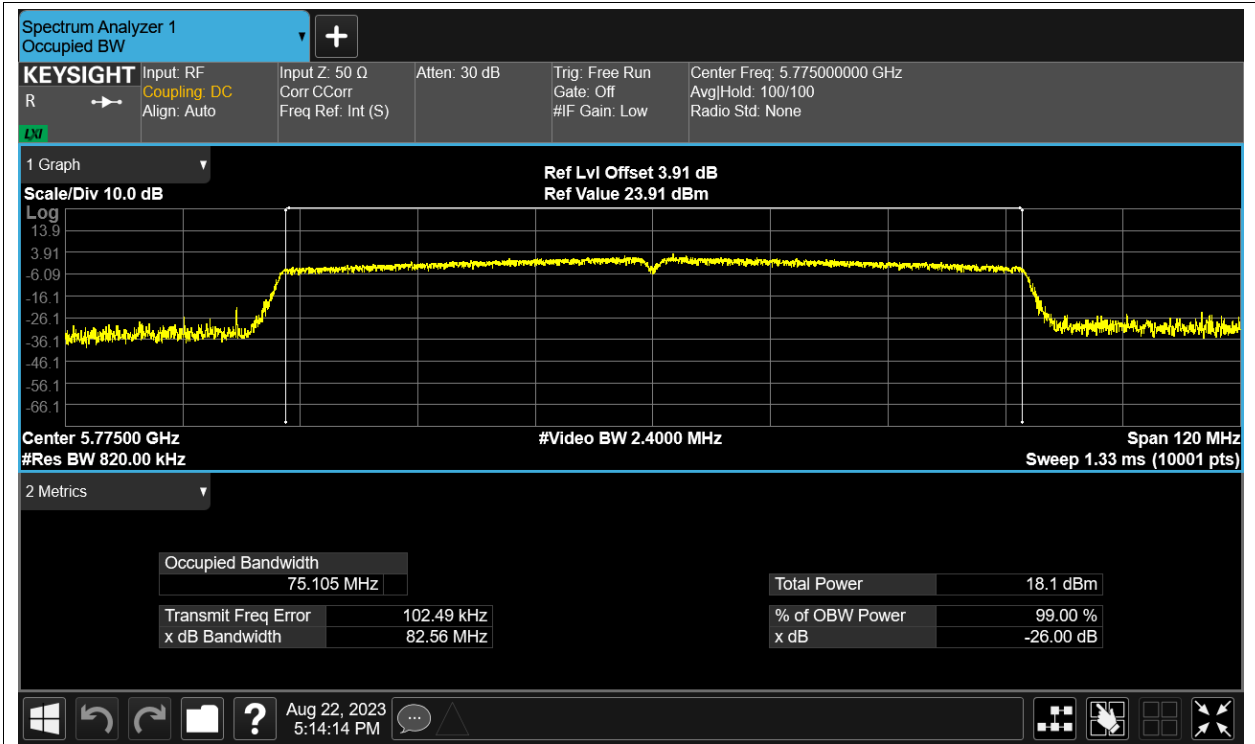
OBW NVNT ac40 5755MHz Ant12



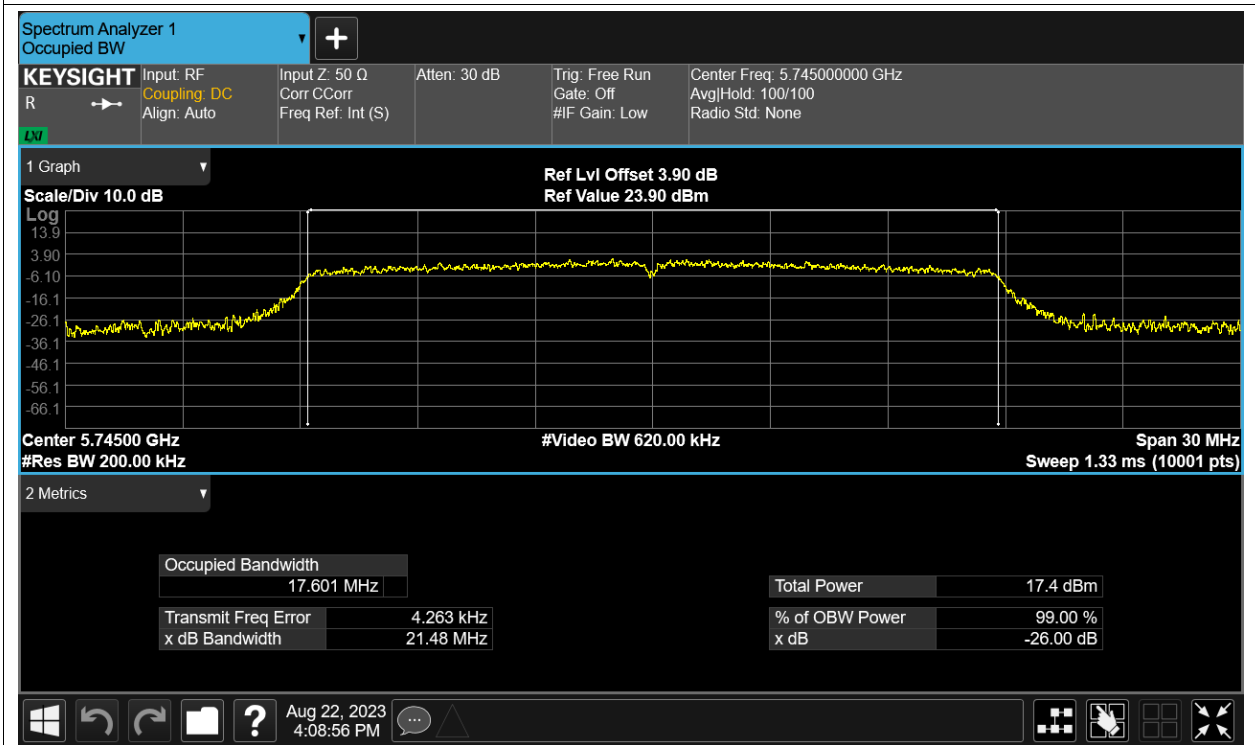
OBW NVNT ac40 5795MHz Ant12



OBW NVNT ac80 5775MHz Ant12



OBW NVNT n20 5745MHz Ant12

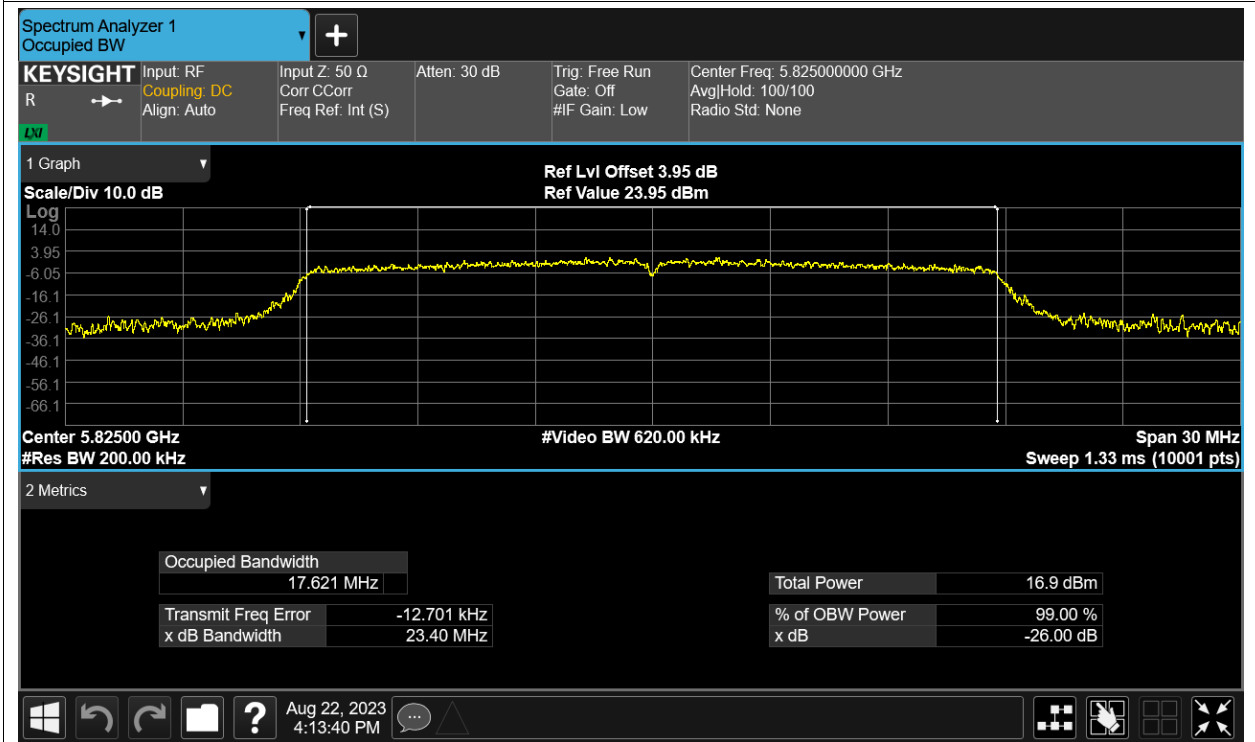


OBW NVNT n20 5785MHz Ant12

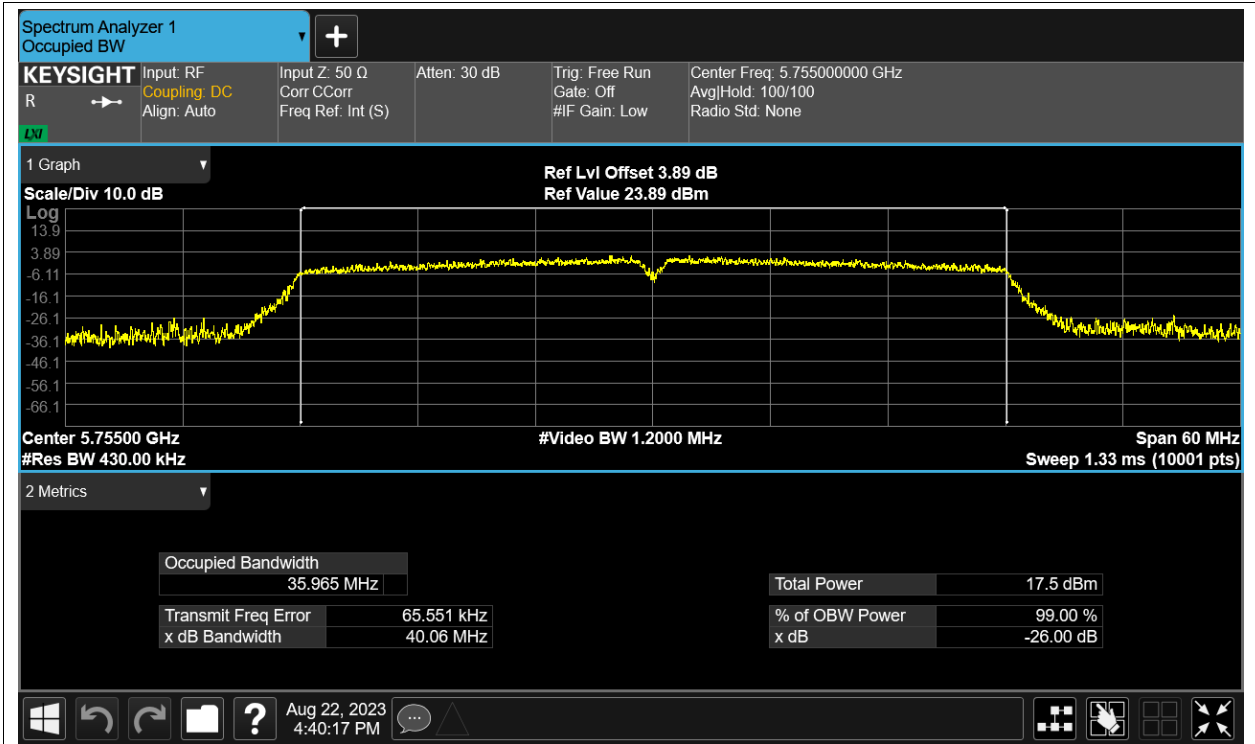




OBW NVNT n20 5825MHz Ant12



OBW NVNT n40 5755MHz Ant12



OBW NVNT n40 5795MHz Ant12

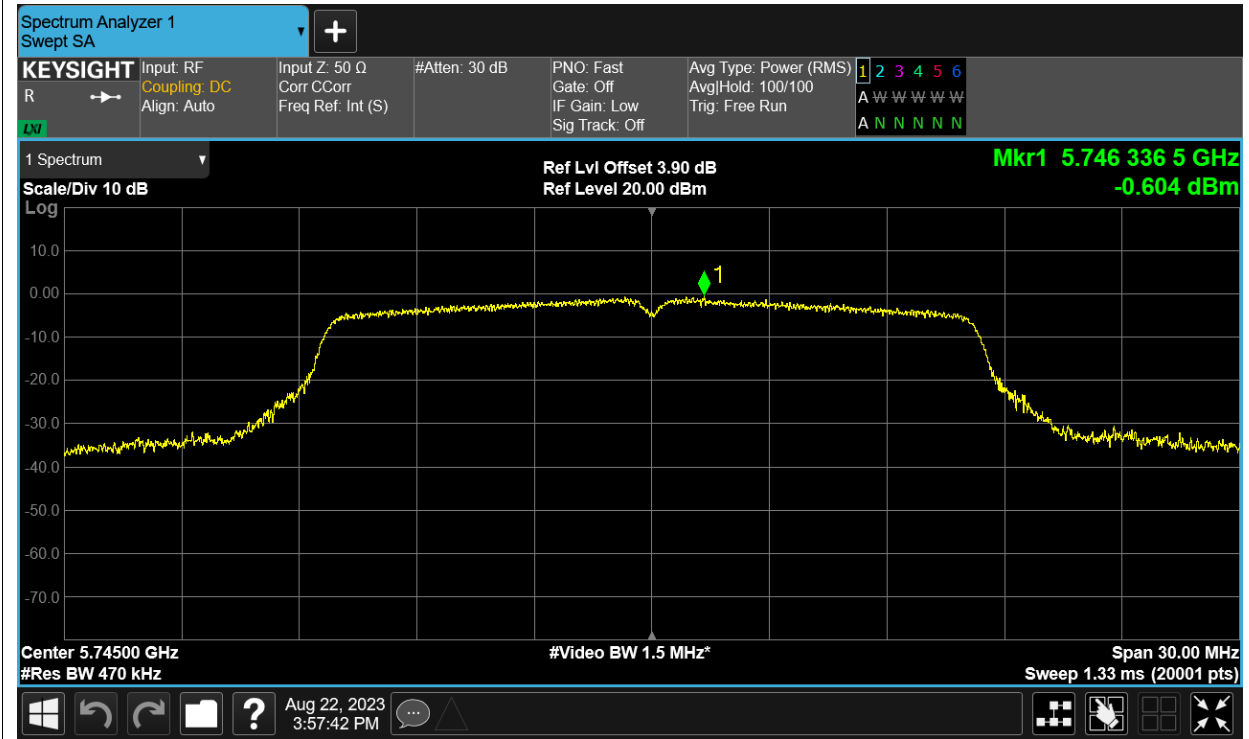


## Maximum Power Spectral Density Level

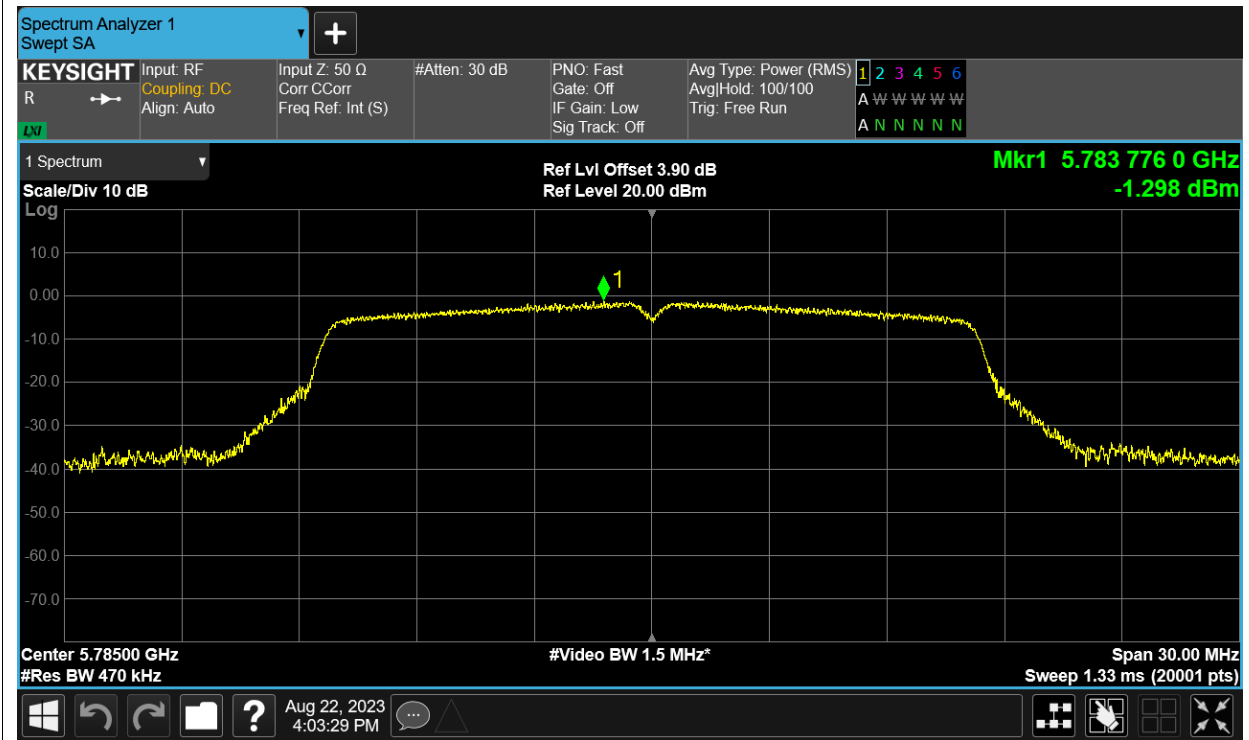
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | a    | 5745            | Ant12   | -0.604        | 30          | Pass    |
| NVNT      | a    | 5785            | Ant12   | -1.298        | 30          | Pass    |
| NVNT      | a    | 5825            | Ant12   | -1.678        | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant12   | -1.547        | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant12   | -1.595        | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant12   | -1.463        | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant12   | -4.031        | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant12   | -4.012        | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant12   | -7.432        | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant12   | -1.154        | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant12   | -1.587        | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant12   | -1.857        | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant12   | -3.766        | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant12   | -4.052        | 30          | Pass    |

Test Graphs

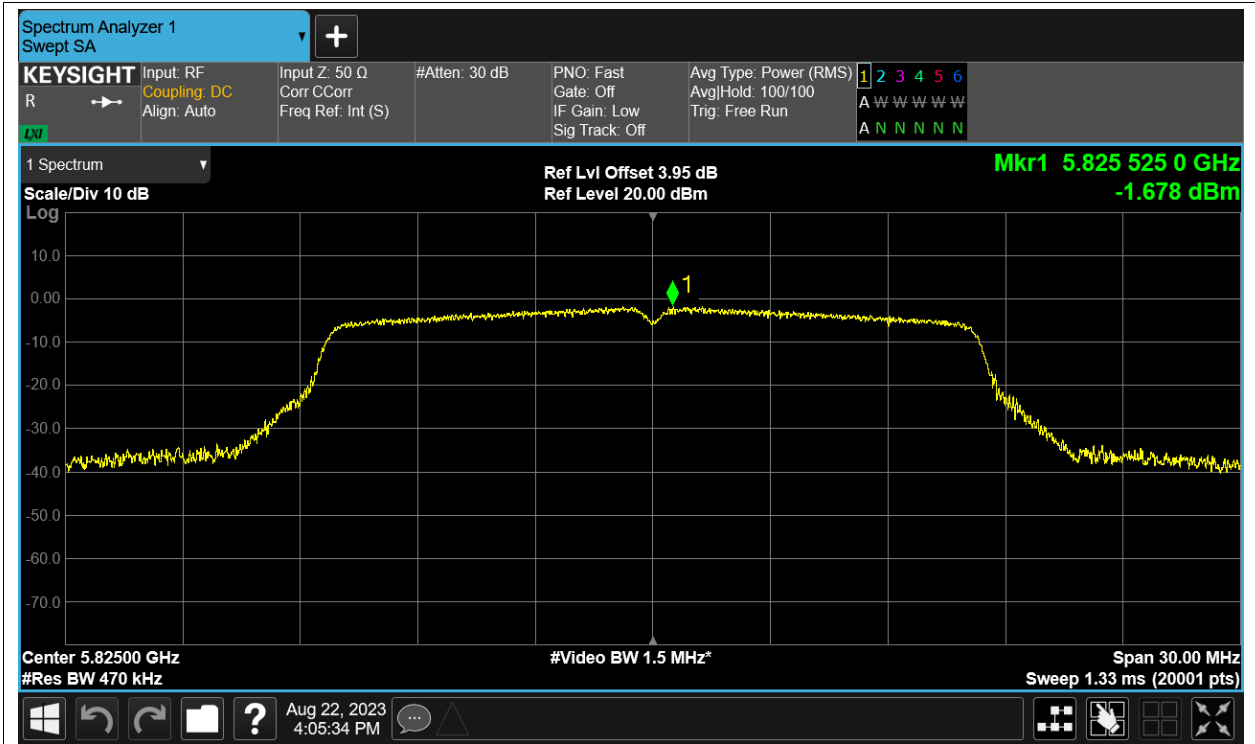
PSD NVNT a 5745MHz Ant12



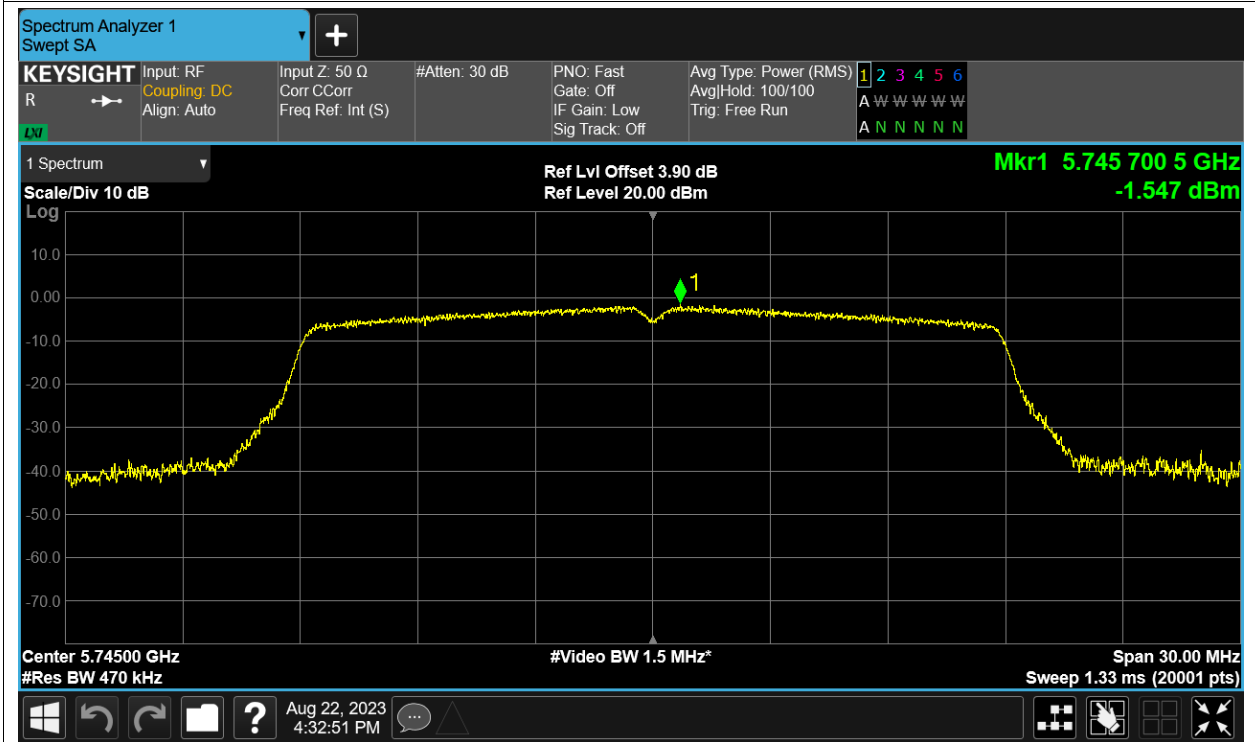
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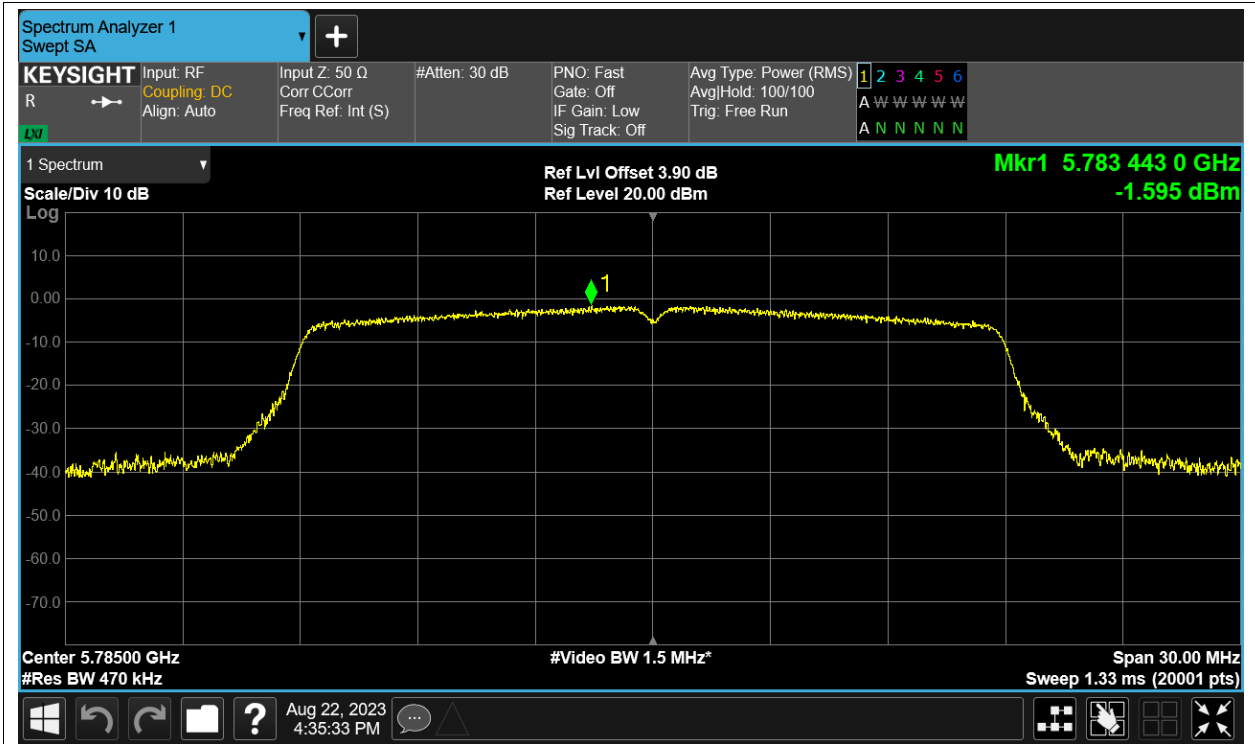
PSD NVNT a 5825MHz Ant12



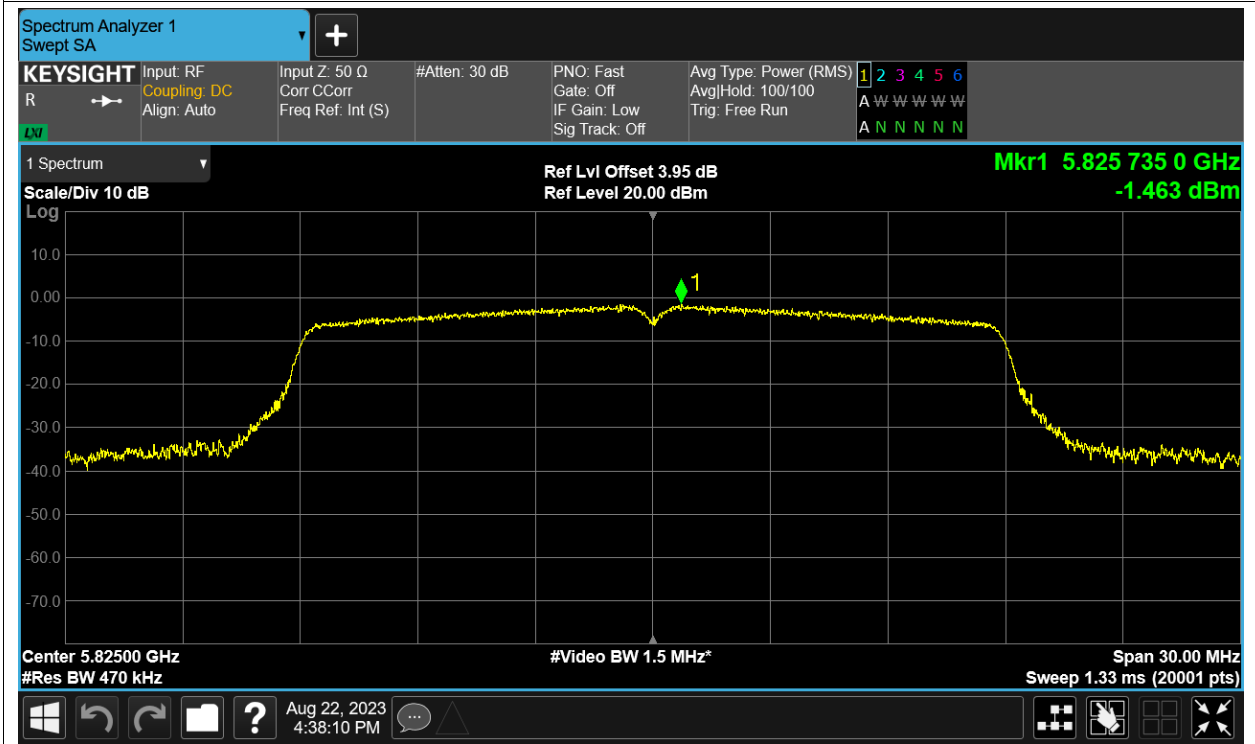
PSD NVNT ac20 5745MHz Ant12



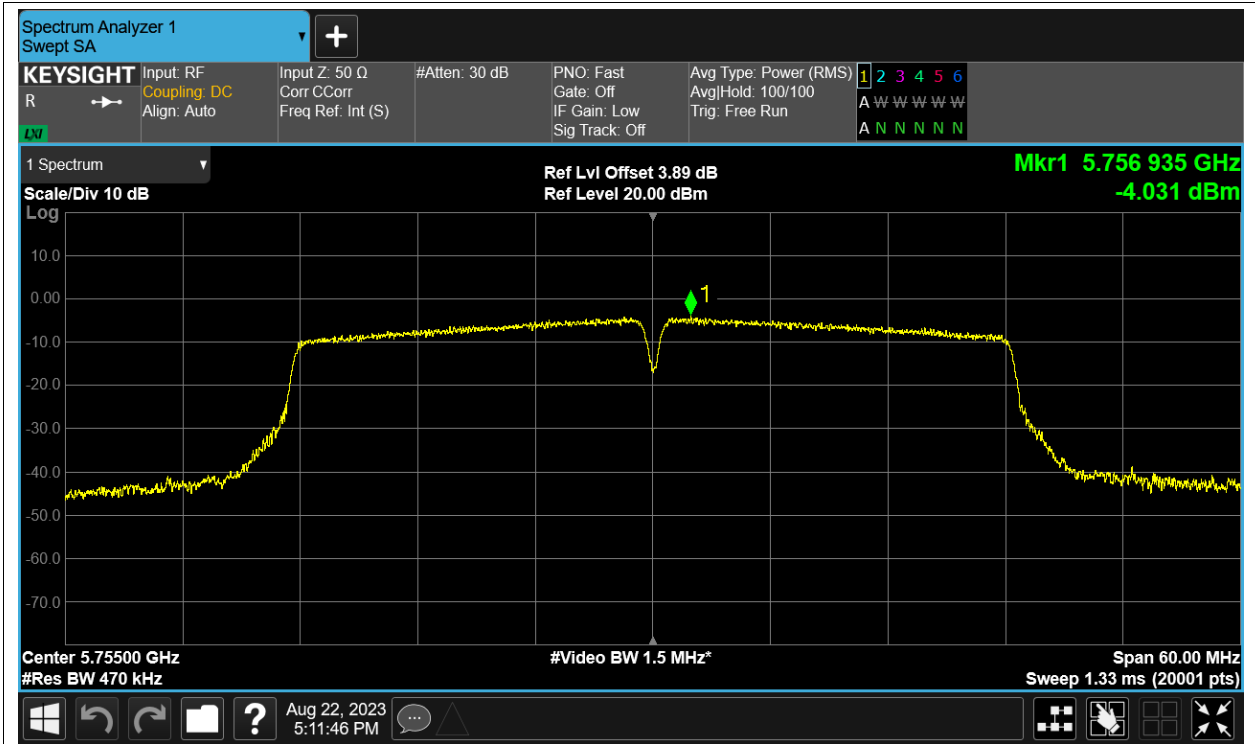
PSD NVNT ac20 5785MHz Ant12



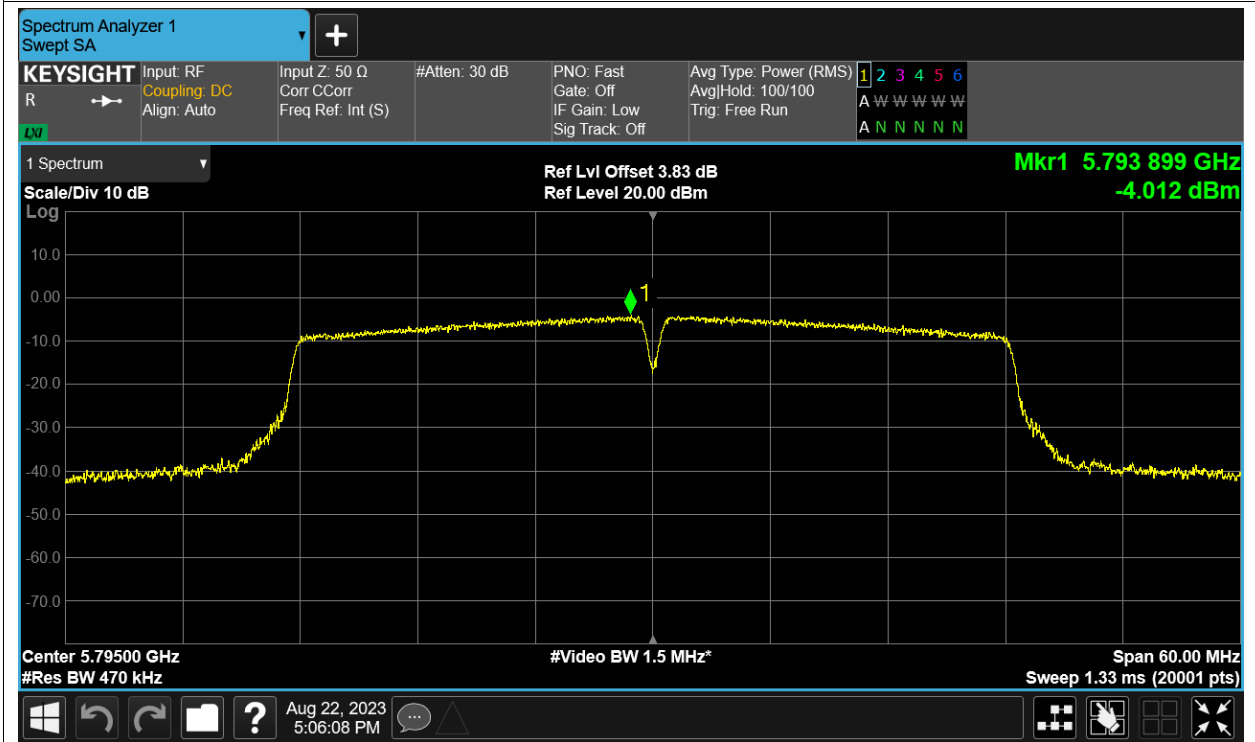
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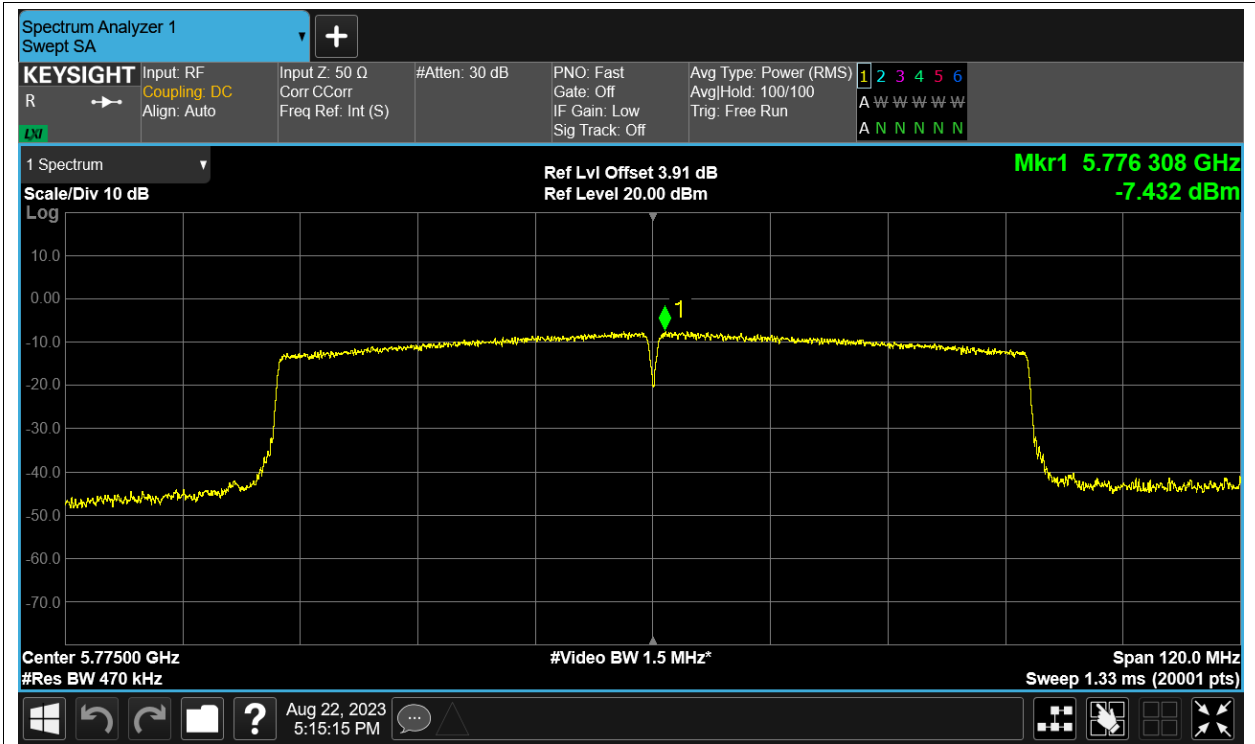
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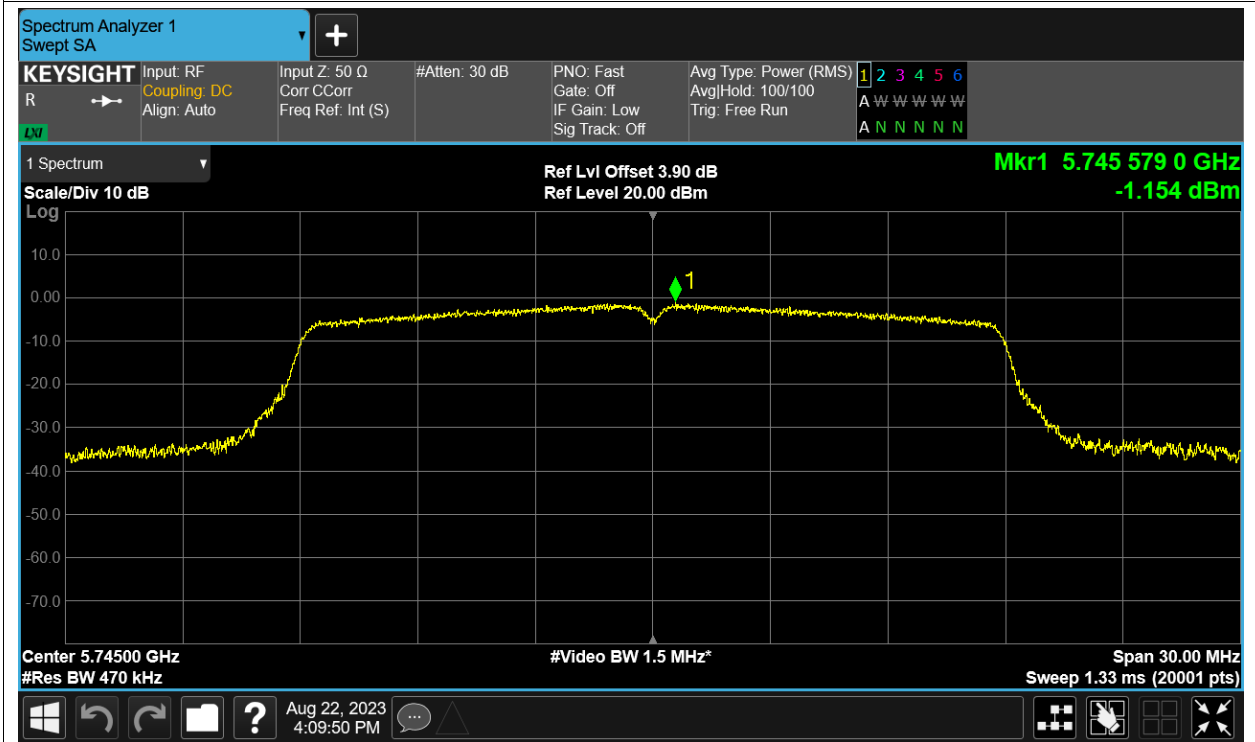
PSD NVNT ac40 5795MHz Ant12



PSD NVNT ac80 5775MHz Ant12

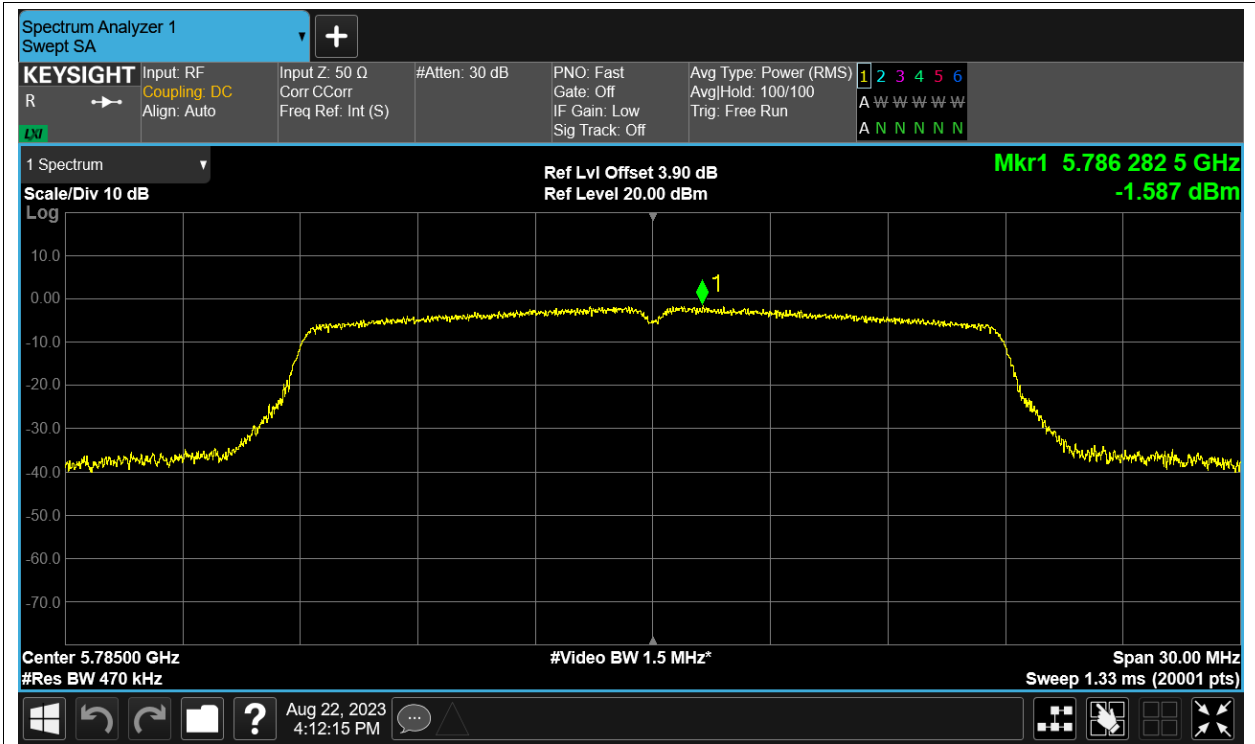


PSD NVNT n20 5745MHz Ant12

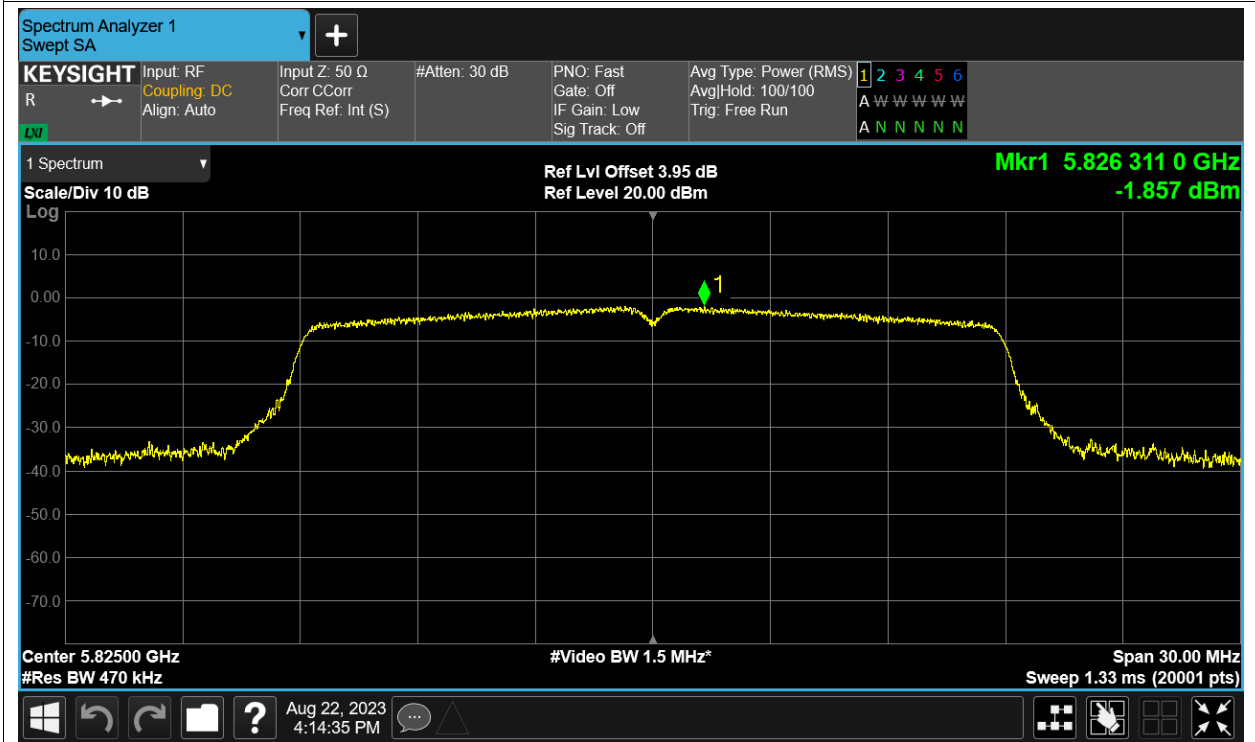


PSD NVNT n20 5785MHz Ant12

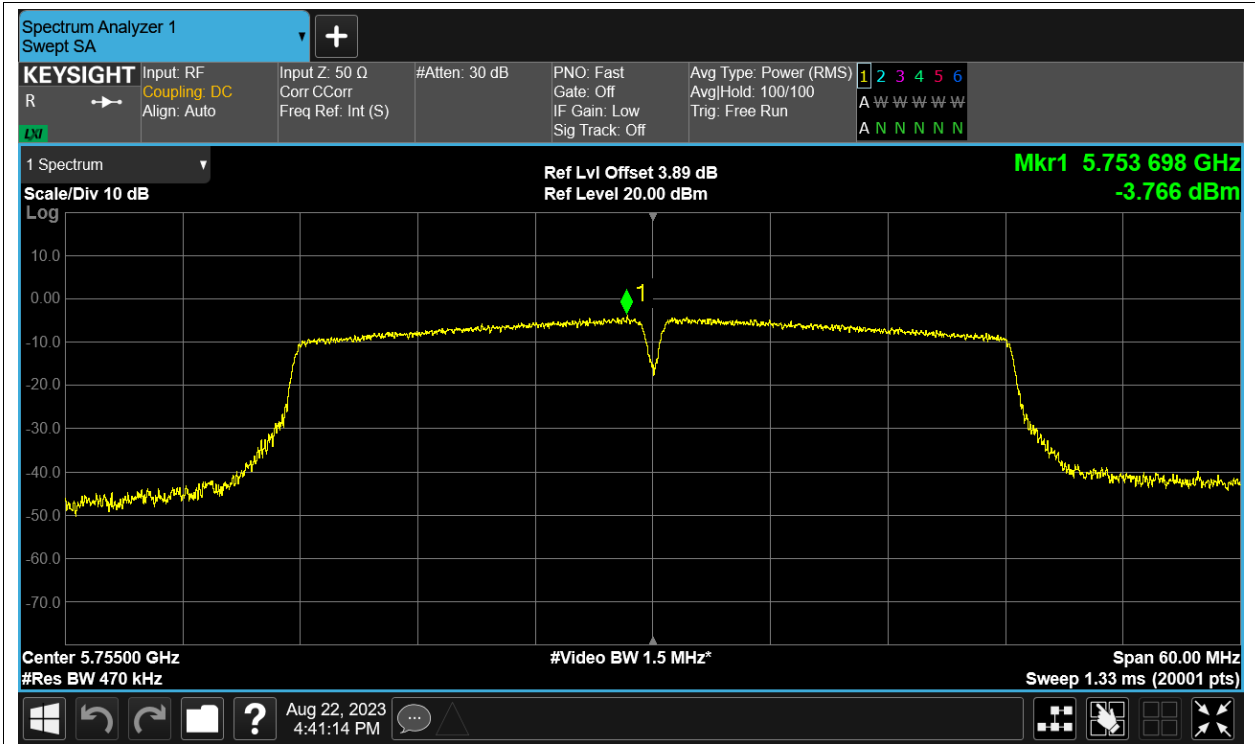




PSD NVNT n20 5825MHz Ant12



PSD NVNT n40 5755MHz Ant12



PSD NVNT n40 5795MHz Ant12

