

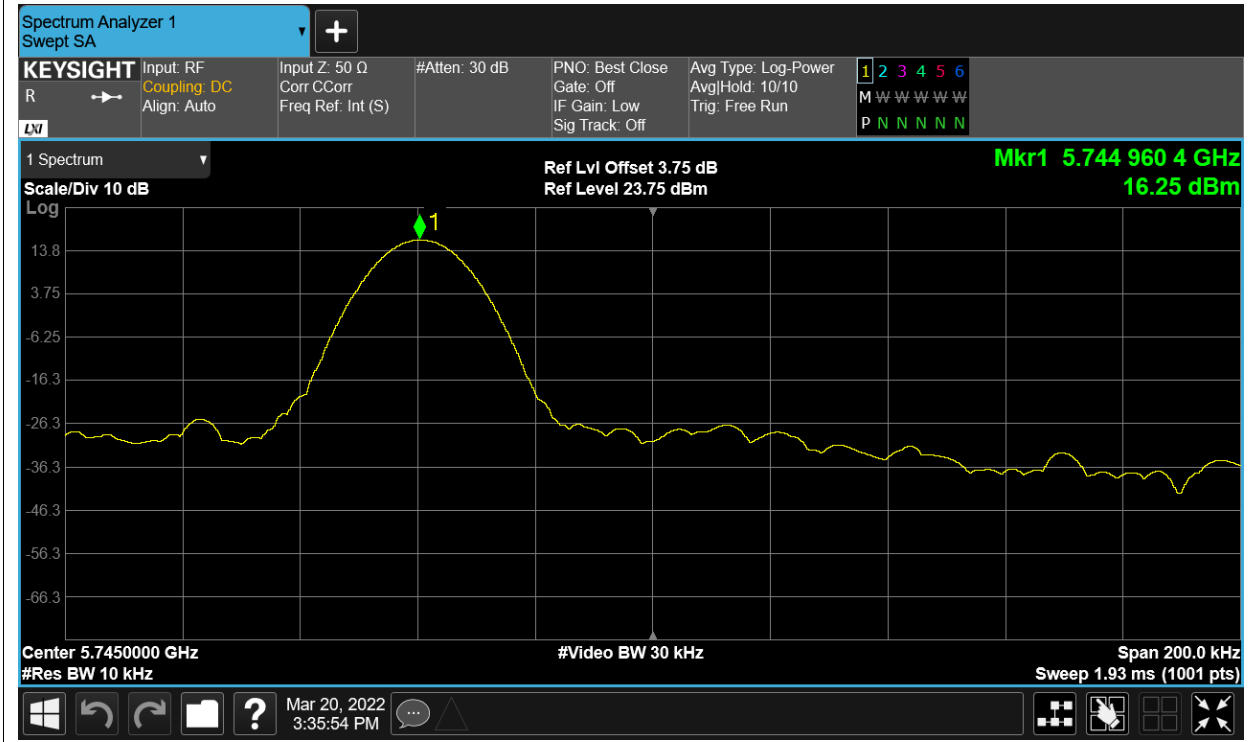
## Test Data

### Frequency Stability

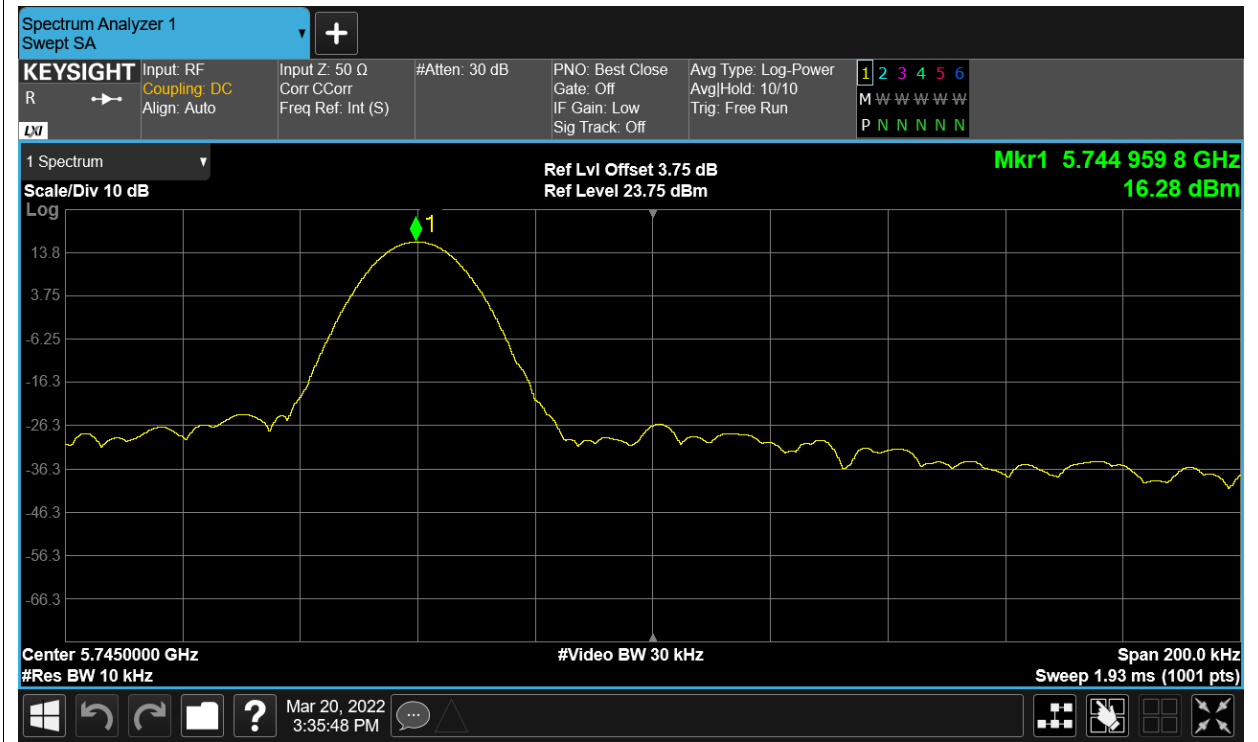
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.9604	-6.89	25	Pass
LVNT	a	5745	Ant1	5744.9598	-7	25	Pass
NVHT	a	5745	Ant1	5744.9592	-7.1	25	Pass
NVLT	a	5745	Ant1	5744.9588	-7.17	25	Pass
NVNT	a	5745	Ant1	5744.9584	-7.24	25	Pass
HVNT	ac80	5775	Ant1	5774.9614	-6.68	25	Pass
LVNT	ac80	5775	Ant1	5774.9606	-6.82	25	Pass
NVHT	ac80	5775	Ant1	5774.9596	-7	25	Pass
NVLT	ac80	5775	Ant1	5774.9588	-7.13	25	Pass
NVNT	ac80	5775	Ant1	5774.9584	-7.2	25	Pass
HVNT	n40	5755	Ant1	5754.9612	-6.74	25	Pass
LVNT	n40	5755	Ant1	5754.9604	-6.88	25	Pass
NVHT	n40	5755	Ant1	5754.9598	-6.99	25	Pass
NVLT	n40	5755	Ant1	5754.959	-7.12	25	Pass
NVNT	n40	5755	Ant1	5754.9586	-7.19	25	Pass

Test Graphs

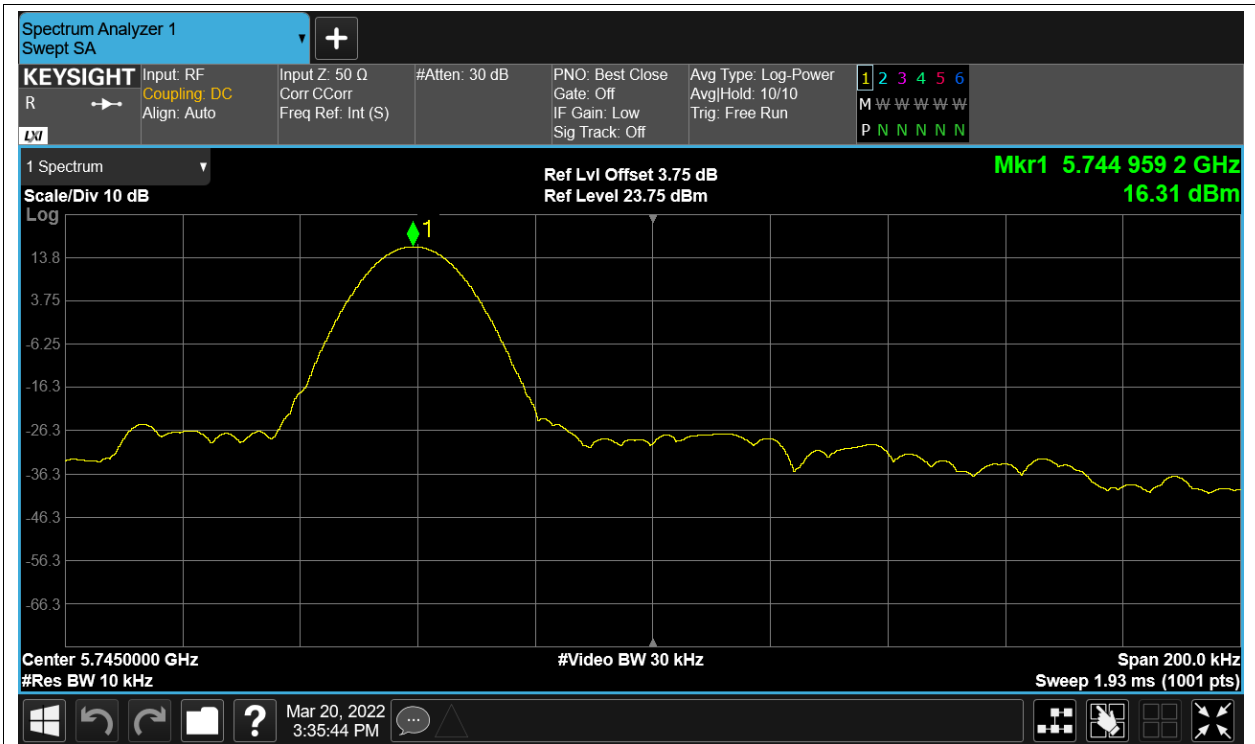
Freq. Stability HVNT a 5745MHz Ant1



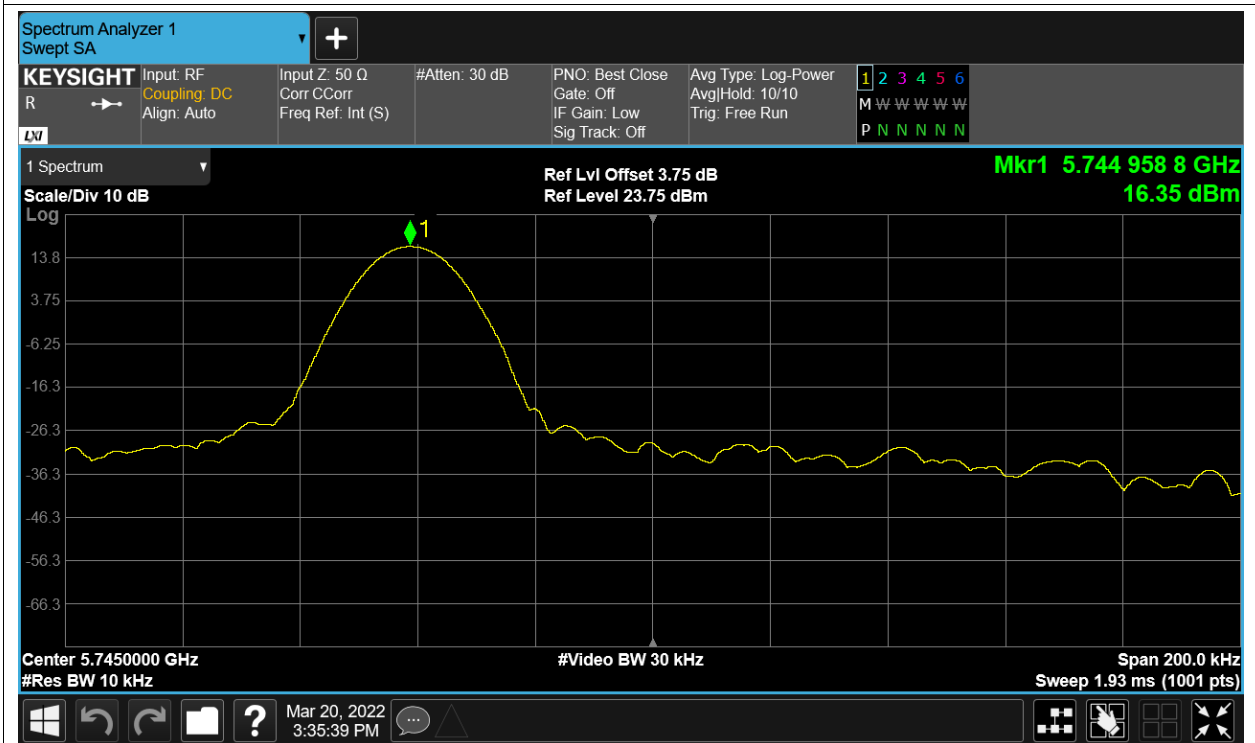
Freq. Stability LVNT a 5745MHz Ant1



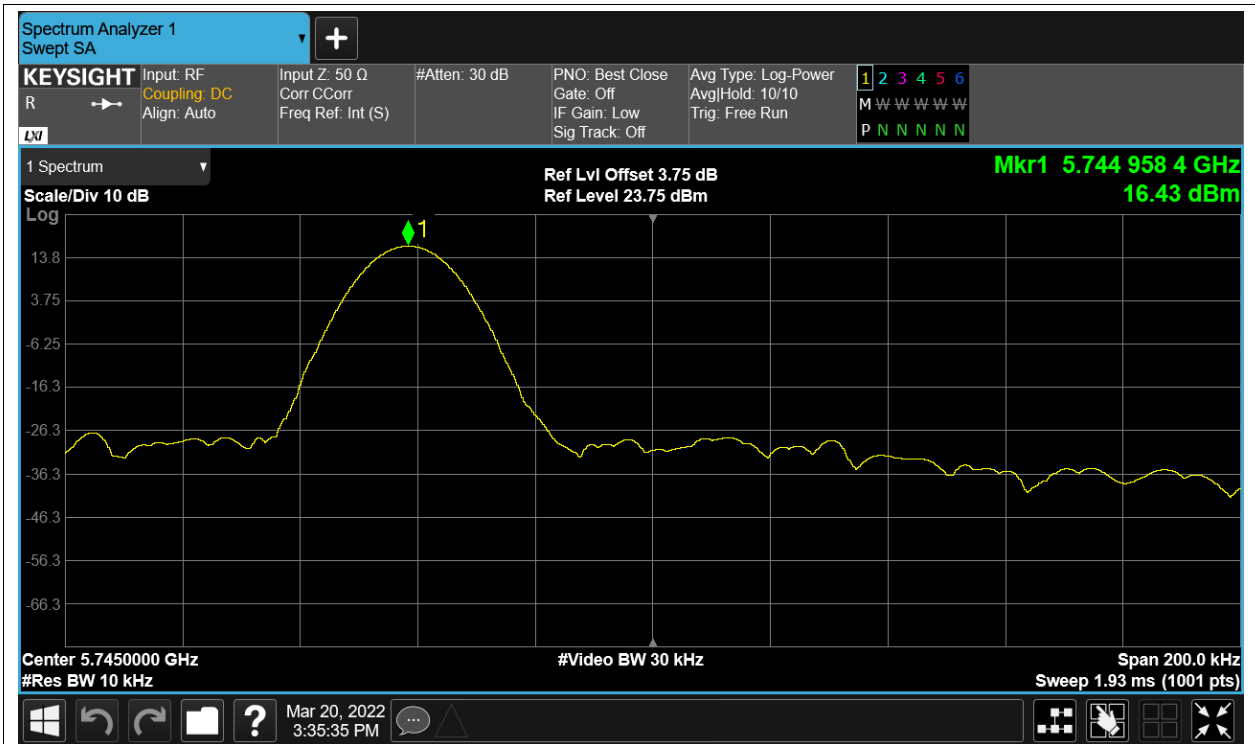
Freq. Stability NVHT a 5745MHz Ant1



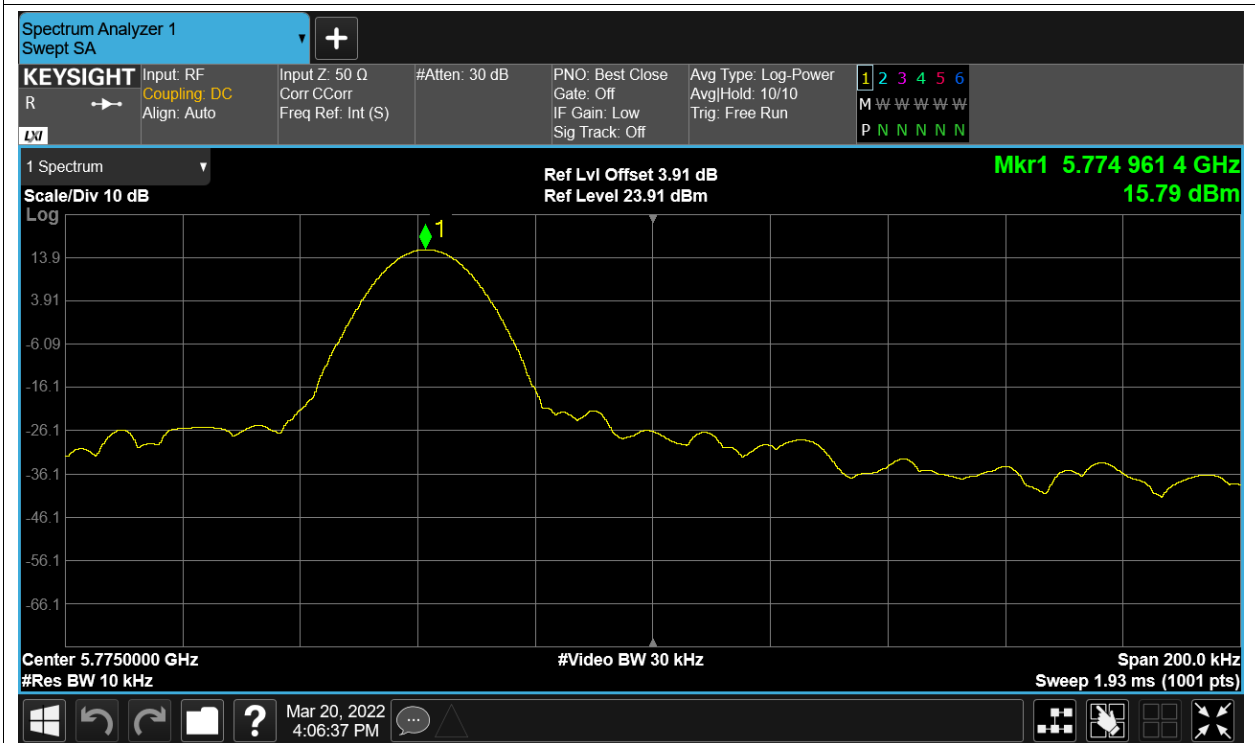
Freq. Stability NVLT a 5745MHz Ant1



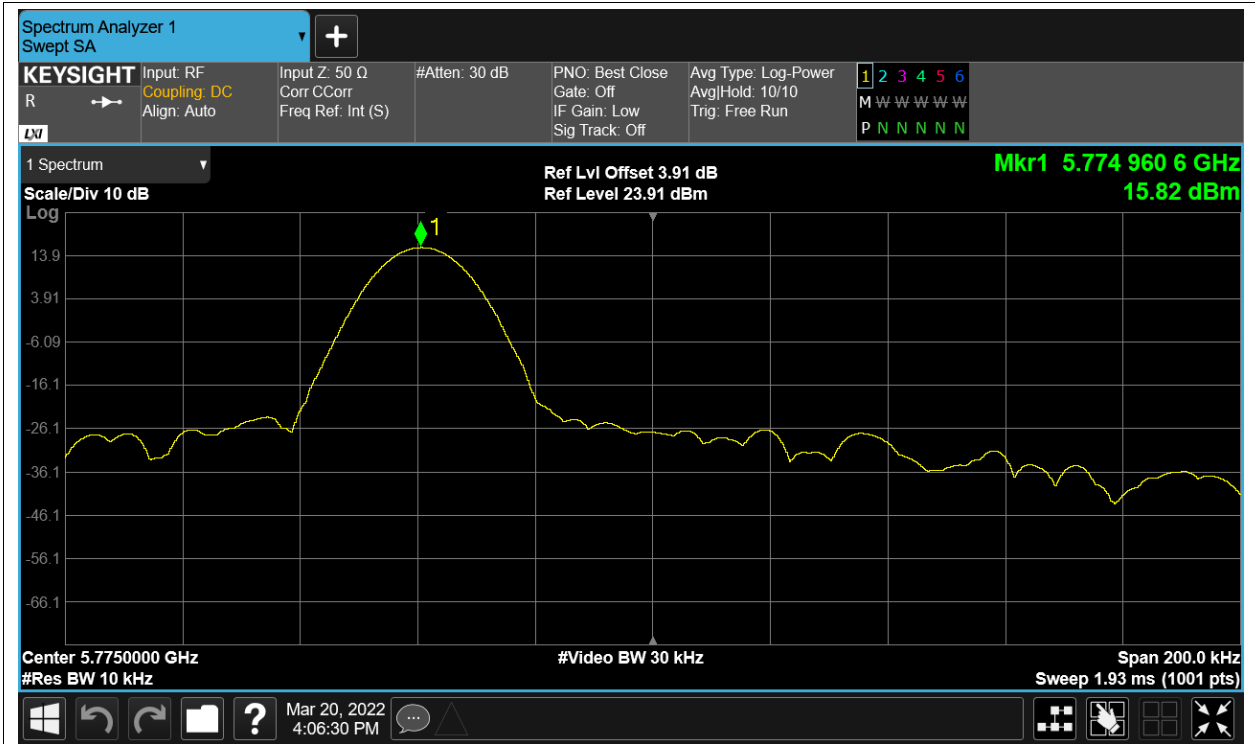
Freq. Stability NVNT a 5745MHz Ant1



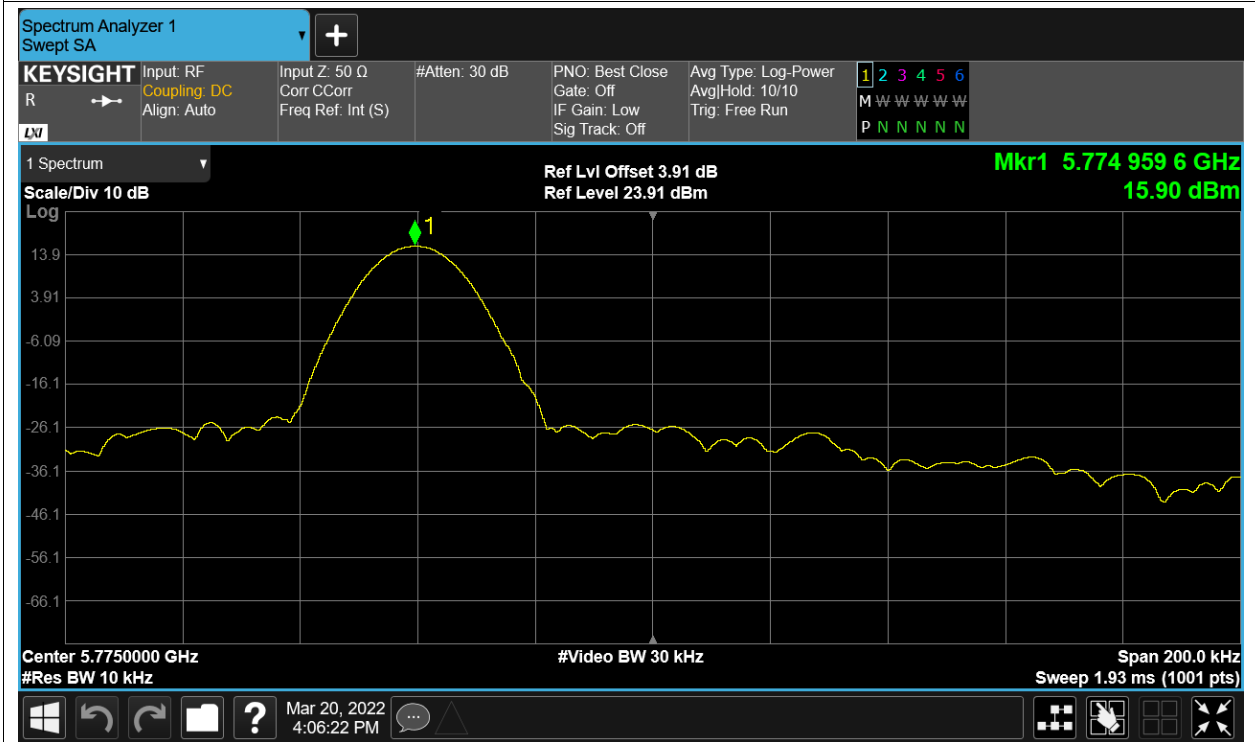
Freq. Stability HVNT ac80 5775MHz Ant1



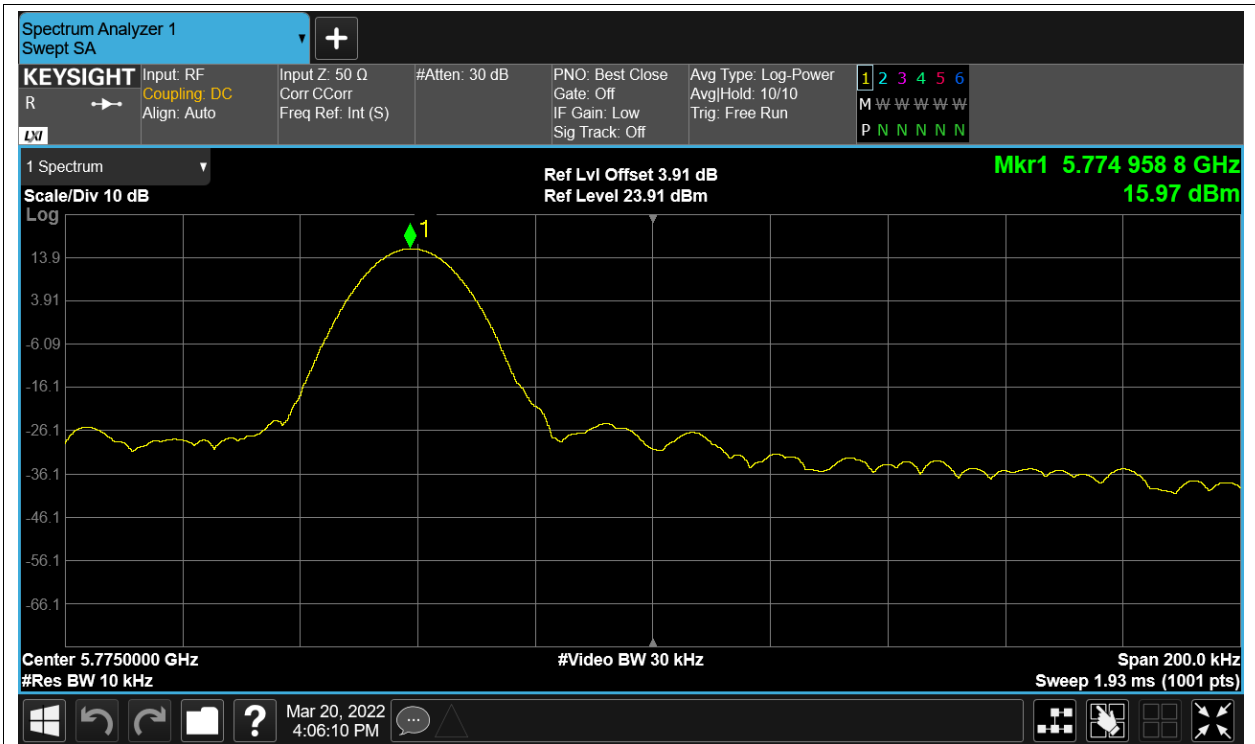
Freq. Stability LVNT ac80 5775MHz Ant1



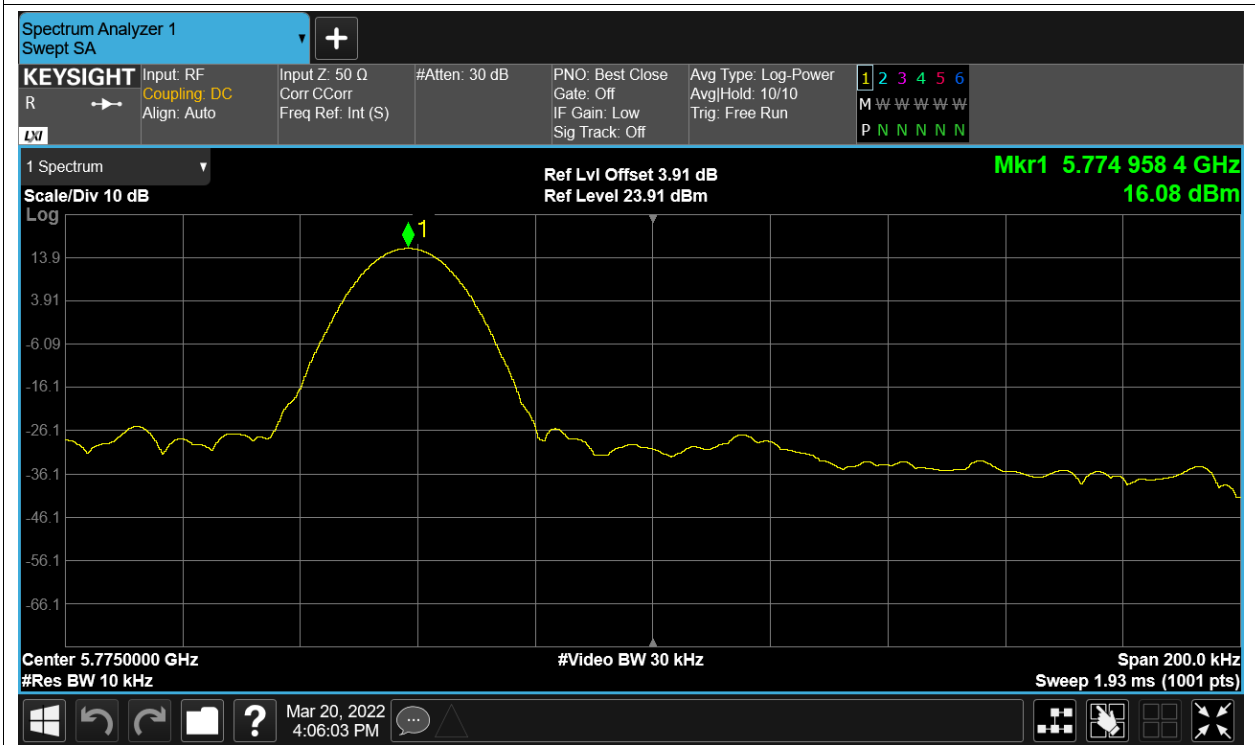
Freq. Stability NVHT ac80 5775MHz Ant1



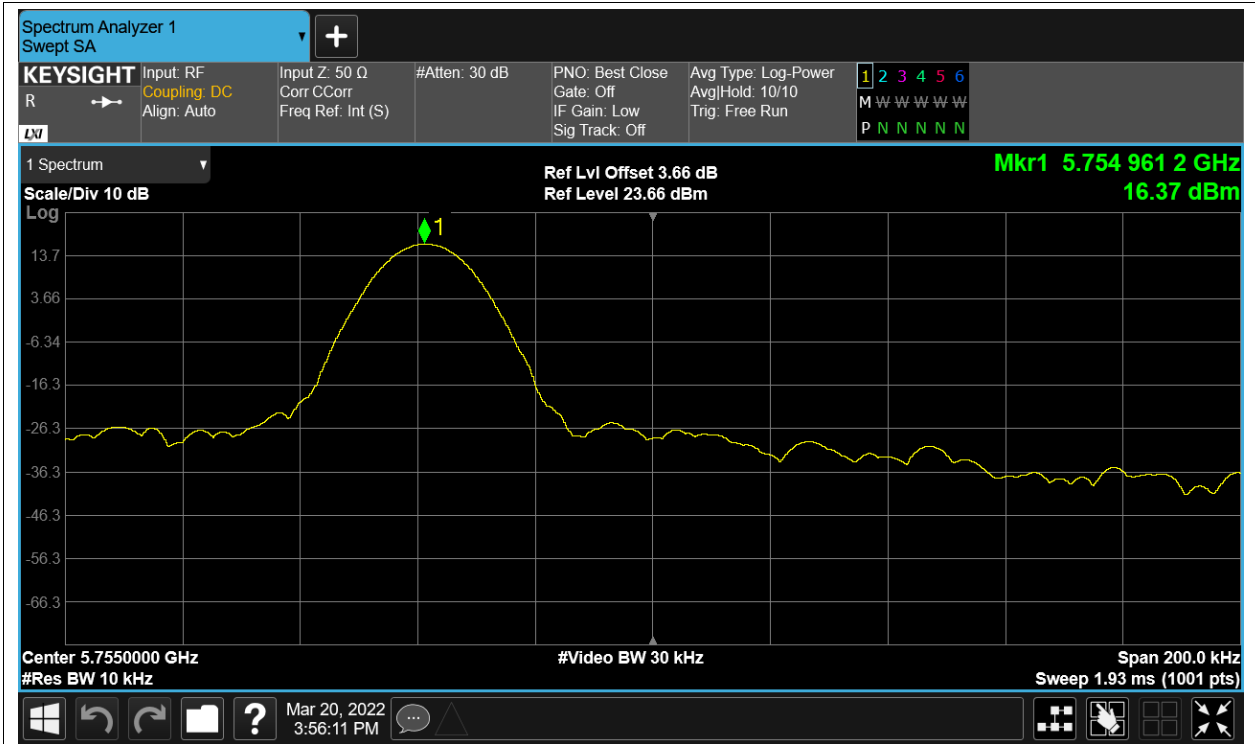
Freq. Stability NVLT ac80 5775MHz Ant1



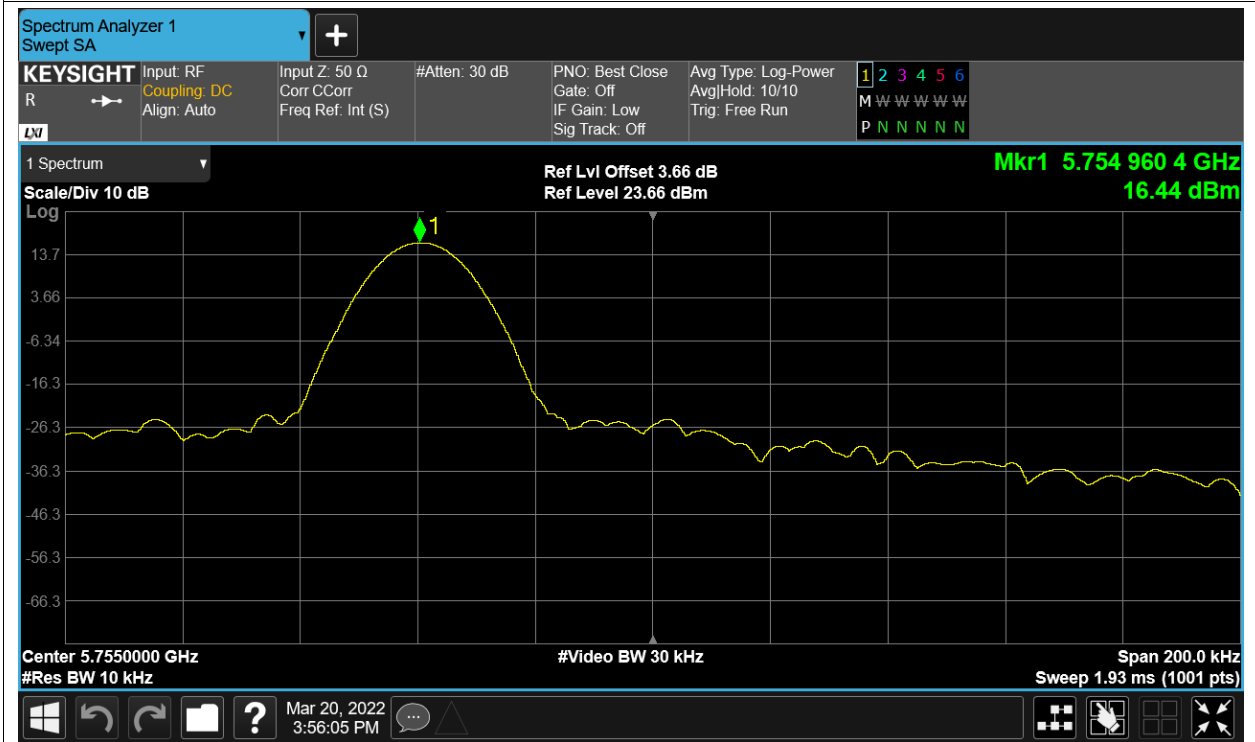
Freq. Stability NVNT ac80 5775MHz Ant1



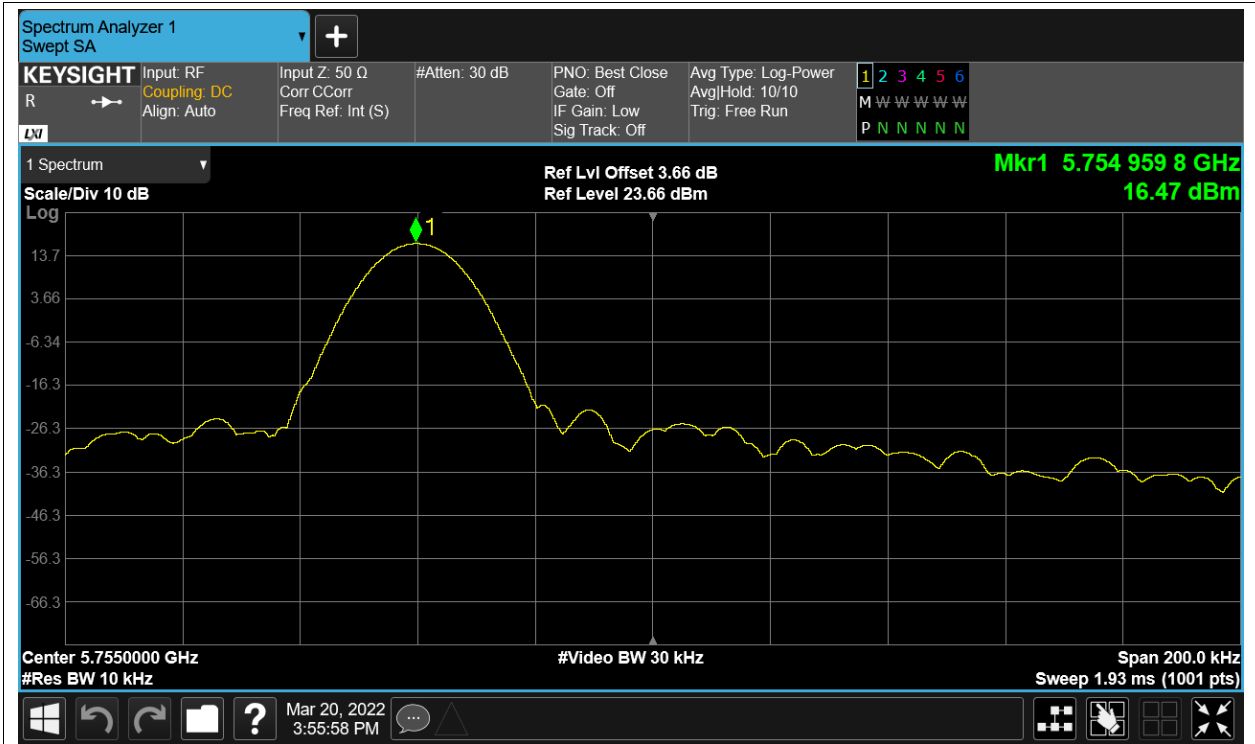
Freq. Stability HVNT n40 5755MHz Ant1



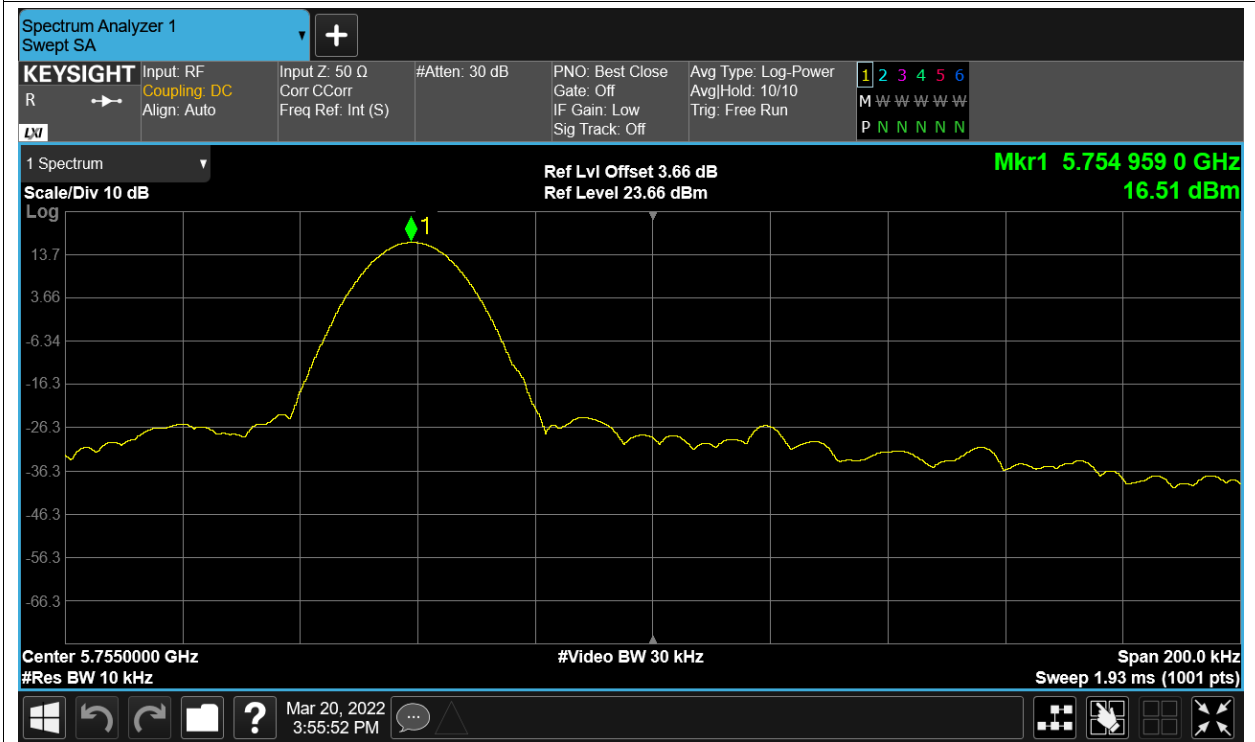
Freq. Stability LVNT n40 5755MHz Ant1



Freq. Stability NVHT n40 5755MHz Ant1

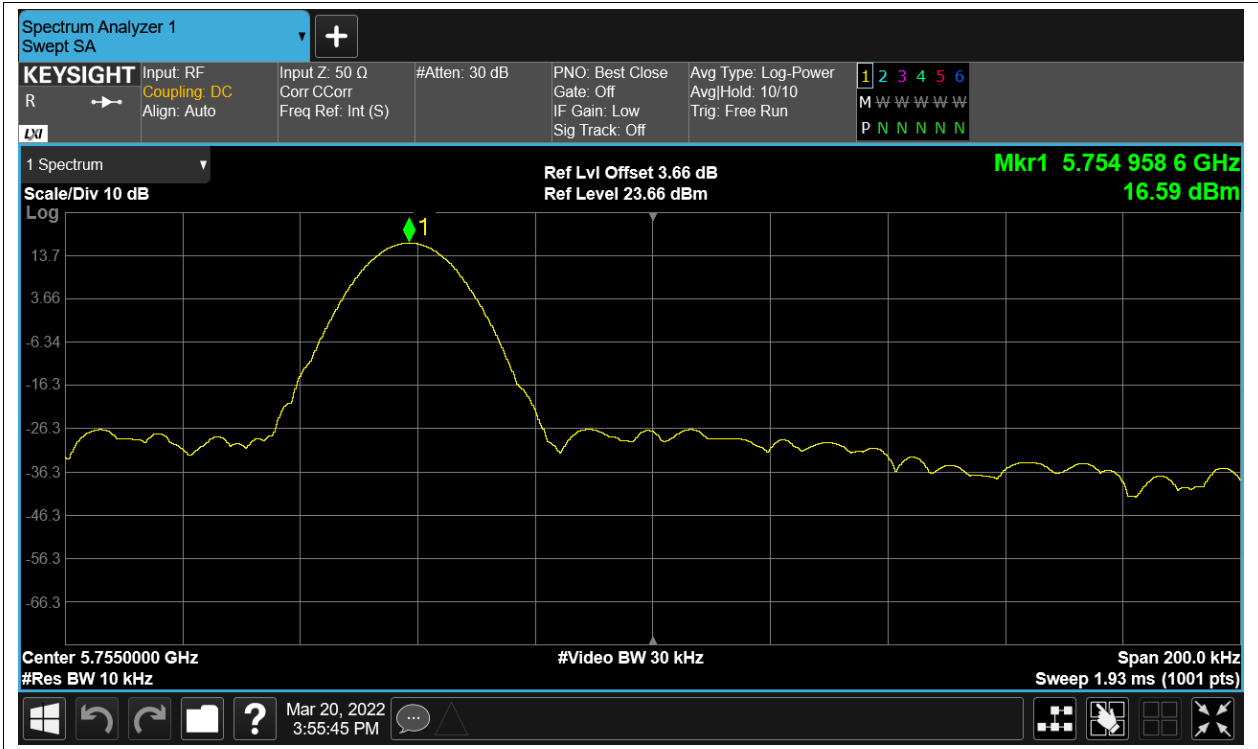


Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1



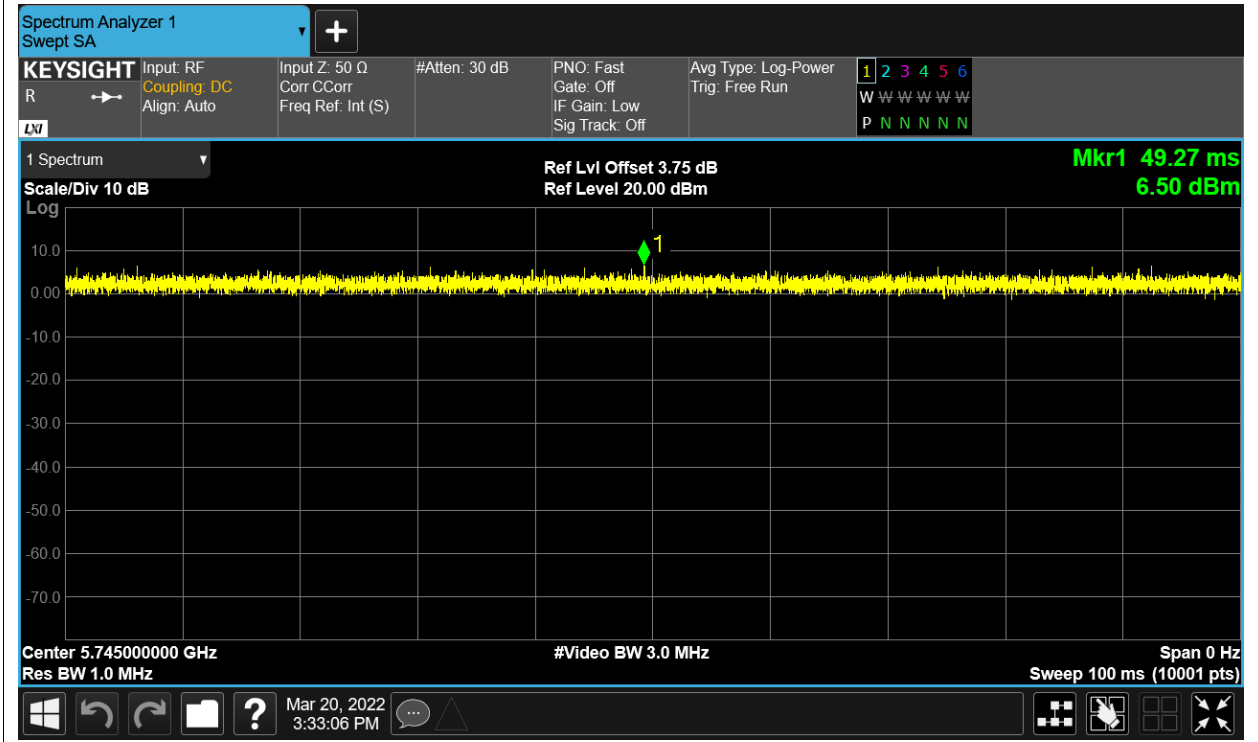


## Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0

Test Graphs

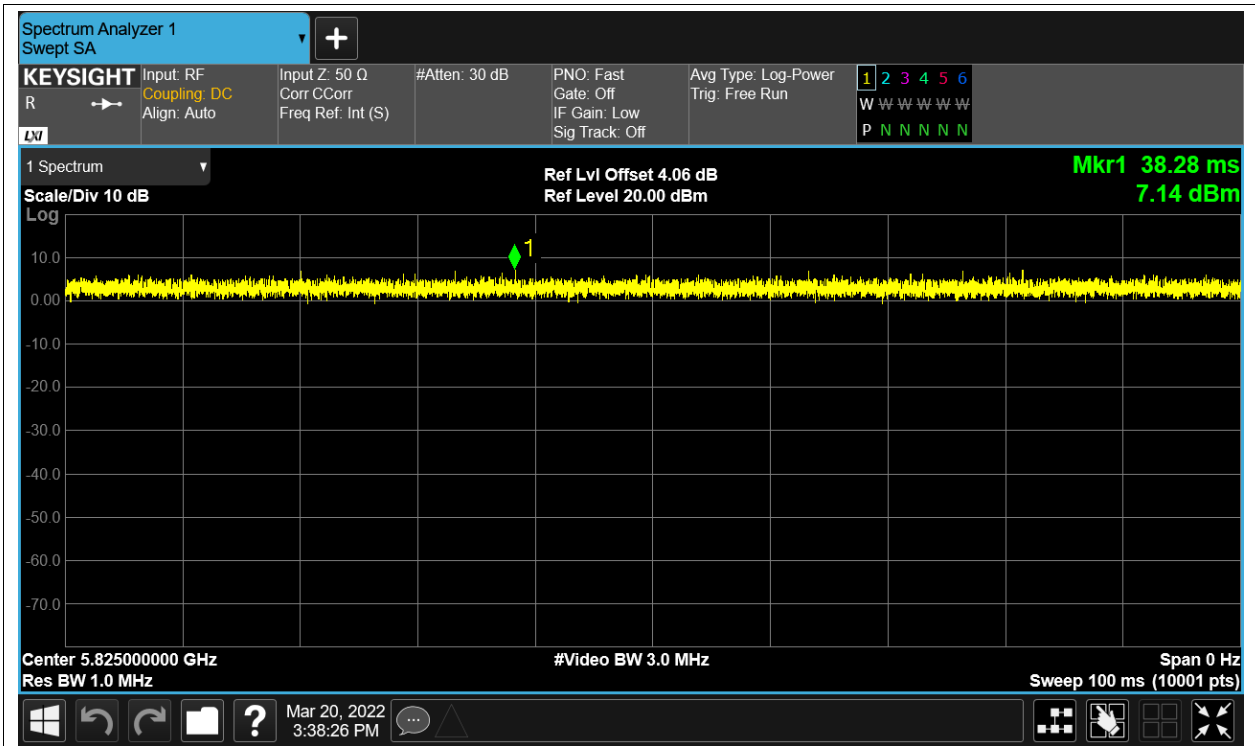
Duty Cycle NVNT a 5745MHz Ant1



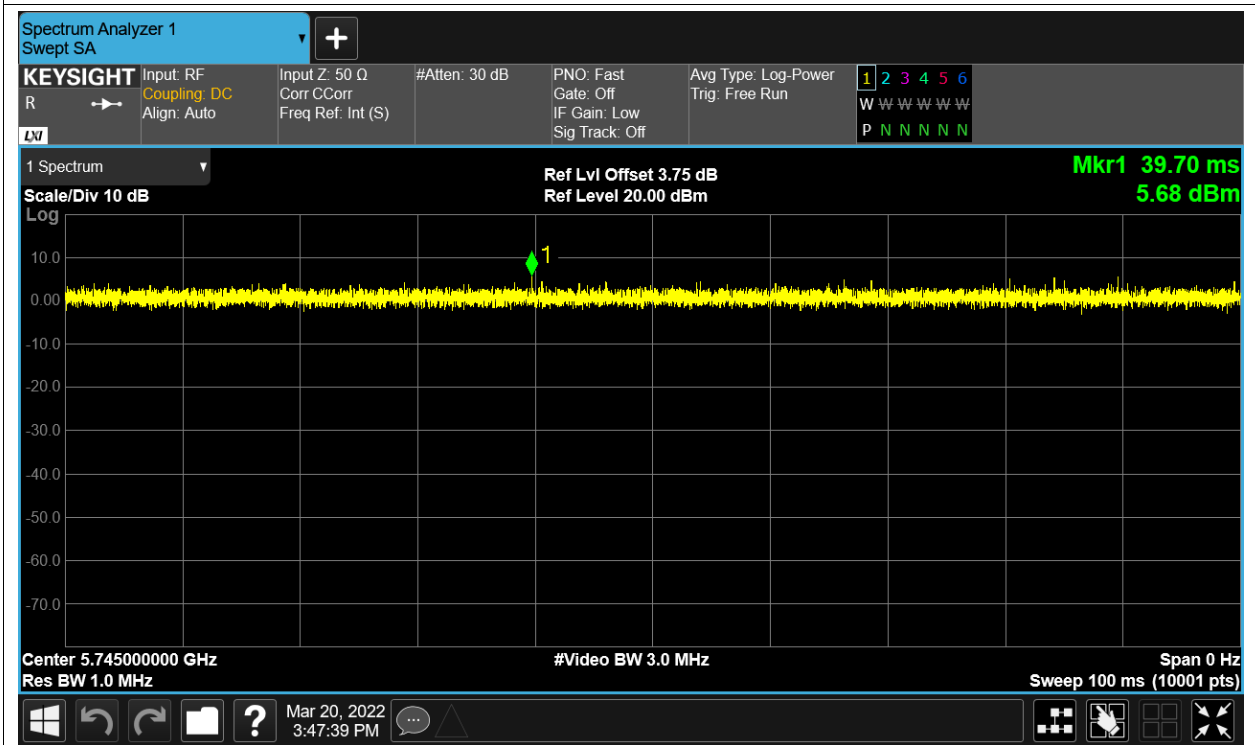
Duty Cycle NVNT a 5785MHz Ant1



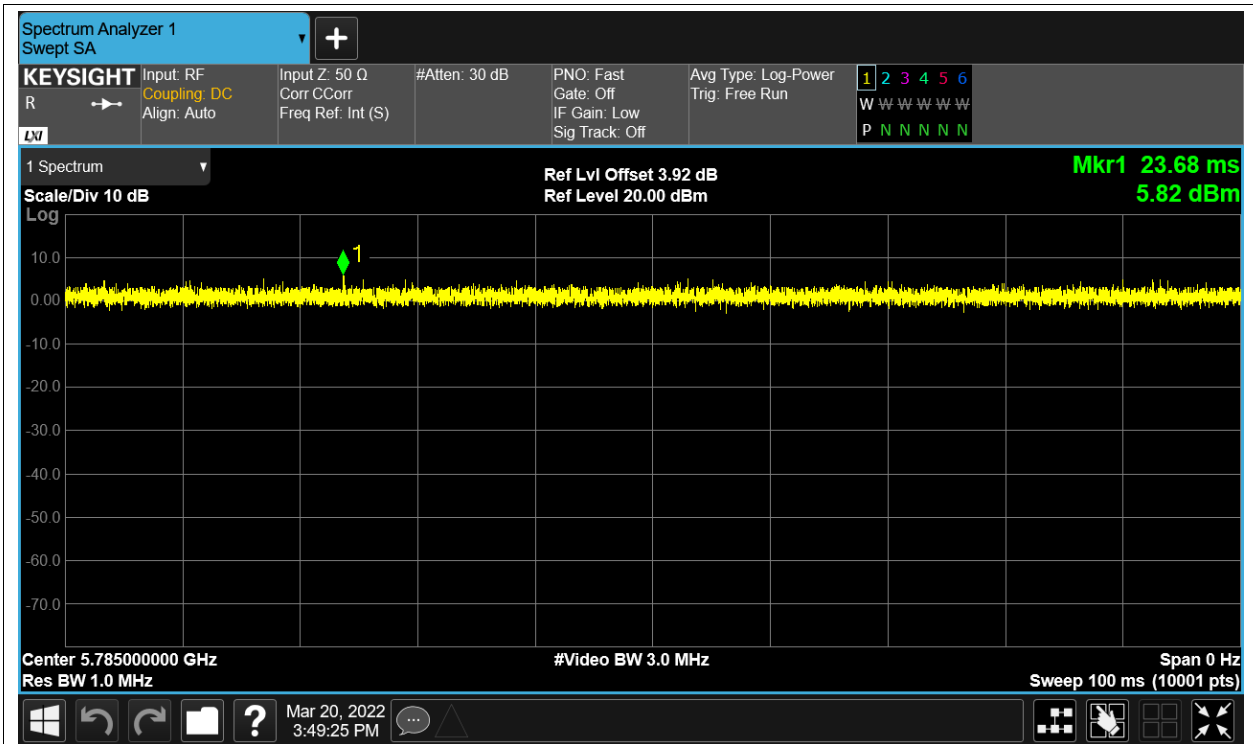
Duty Cycle NVNT a 5825MHz Ant1



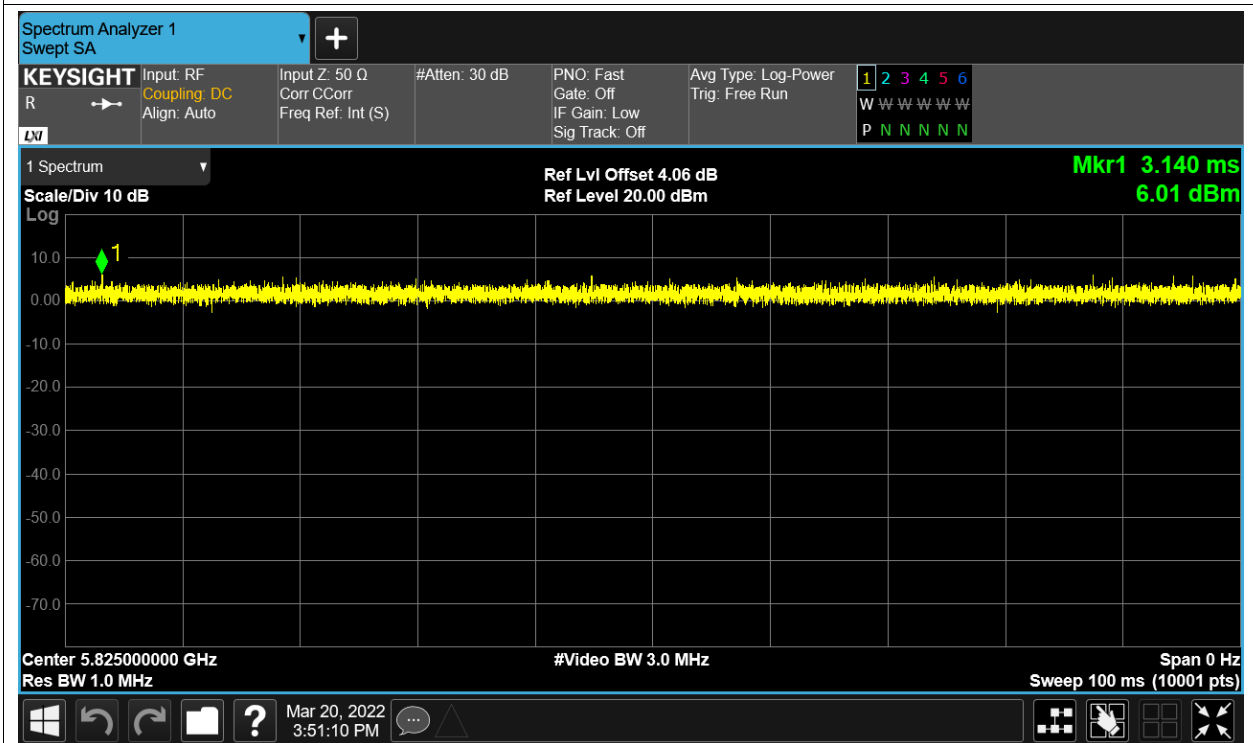
Duty Cycle NVNT ac20 5745MHz Ant1



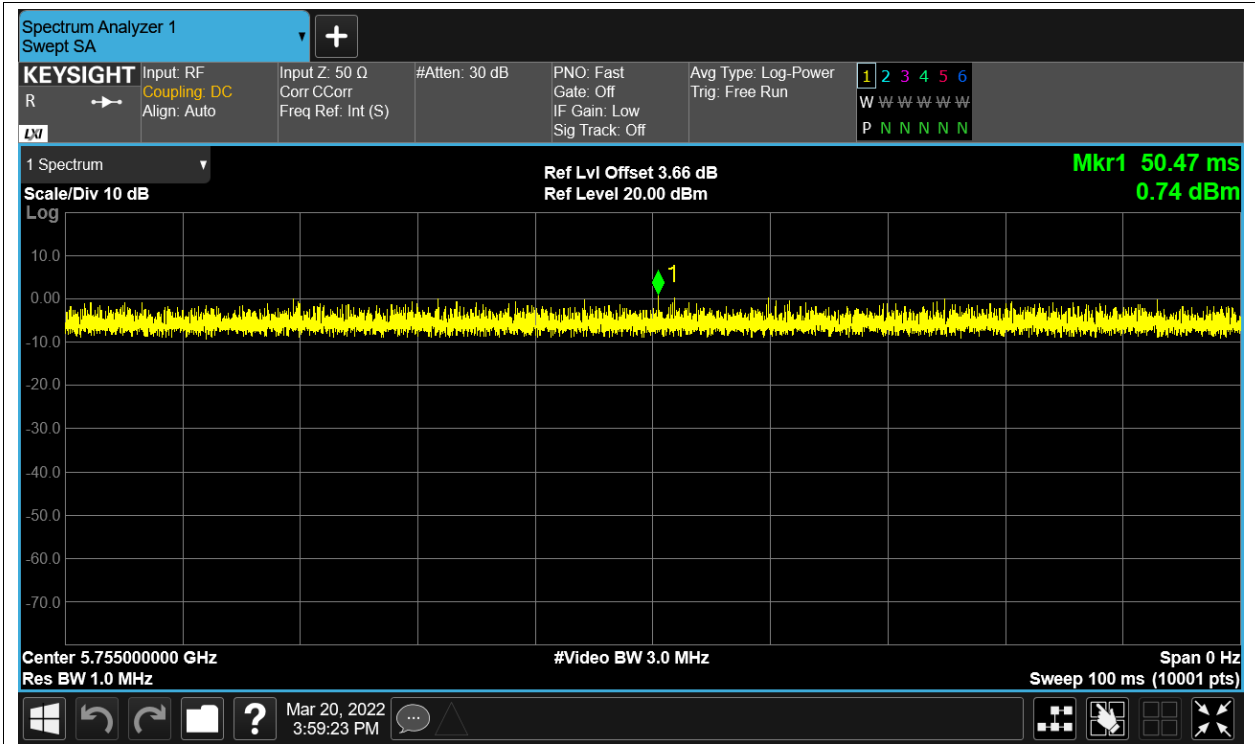
Duty Cycle NVNT ac20 5785MHz Ant1



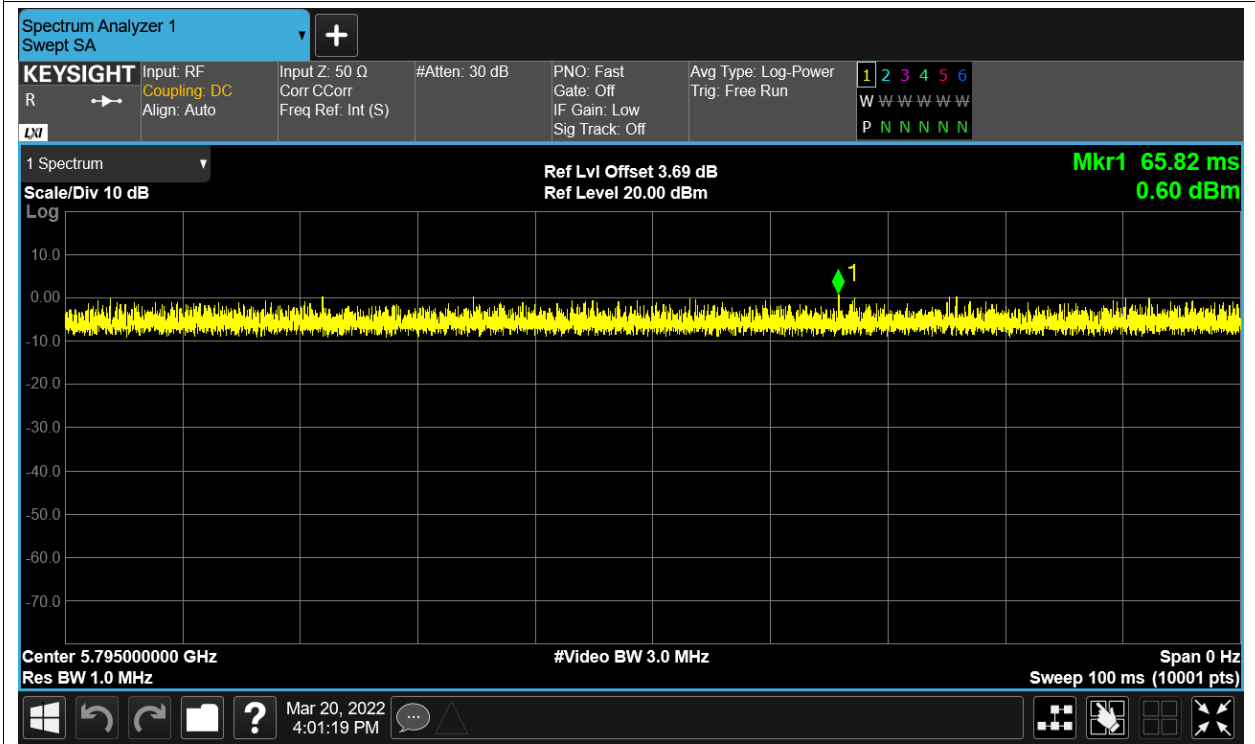
Duty Cycle NVNT ac20 5825MHz Ant1



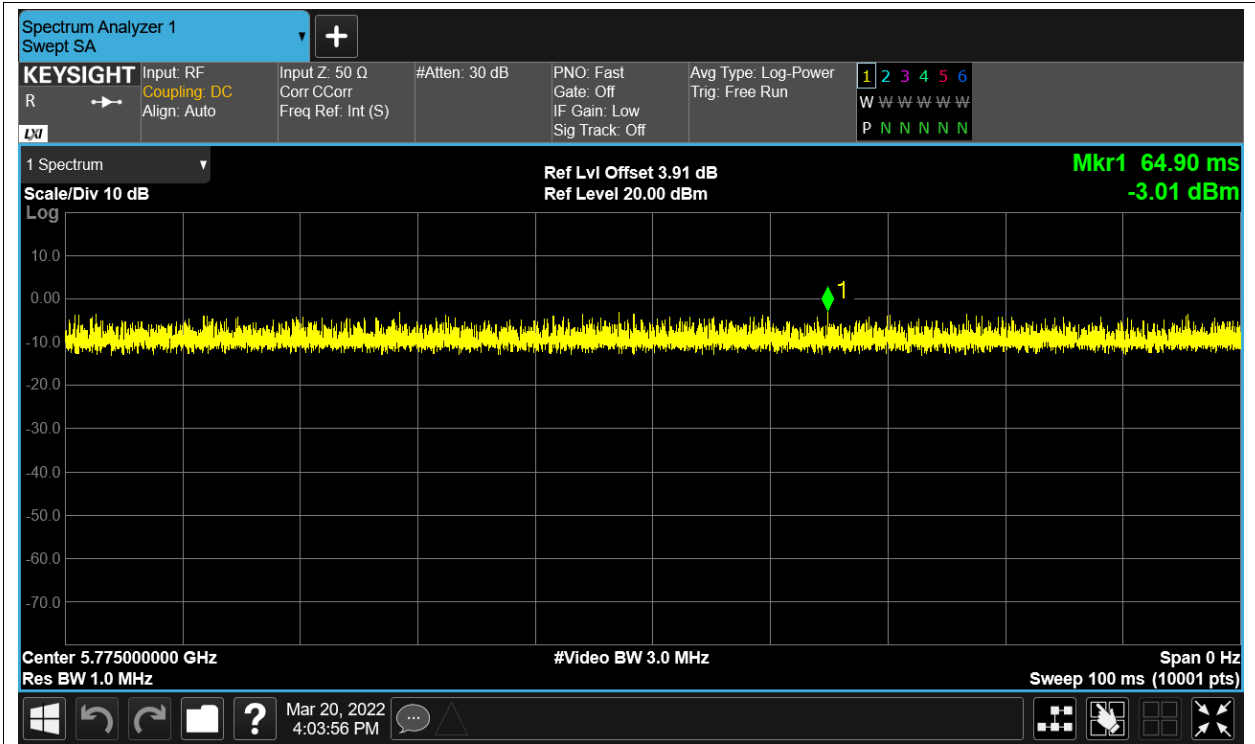
Duty Cycle NVNT ac40 5755MHz Ant1



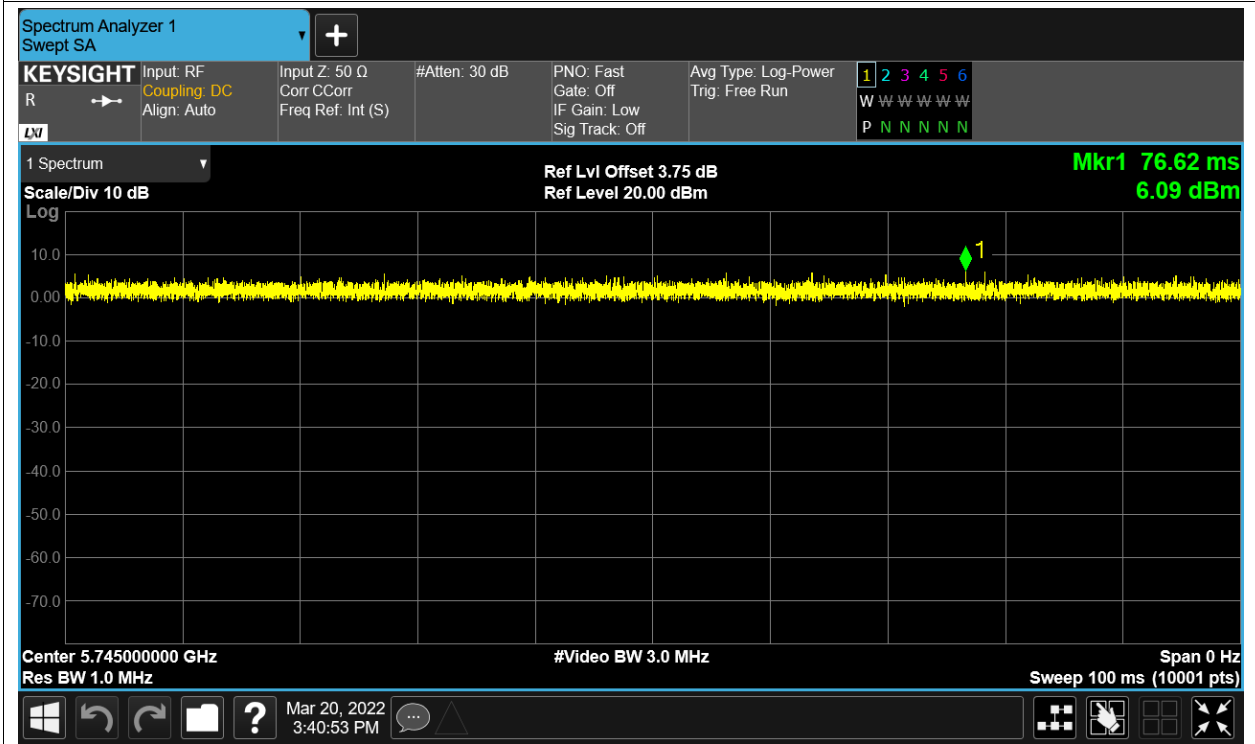
Duty Cycle NVNT ac40 5795MHz Ant1



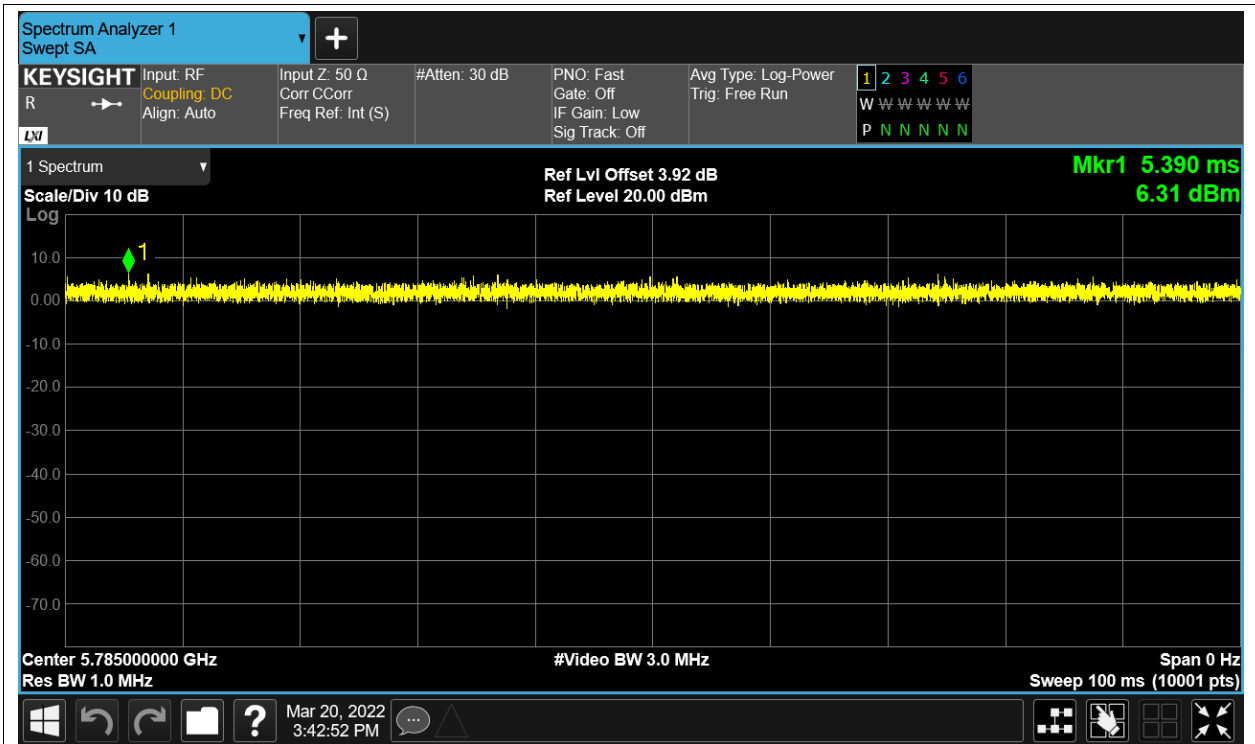
Duty Cycle NVNT ac80 5775MHz Ant1



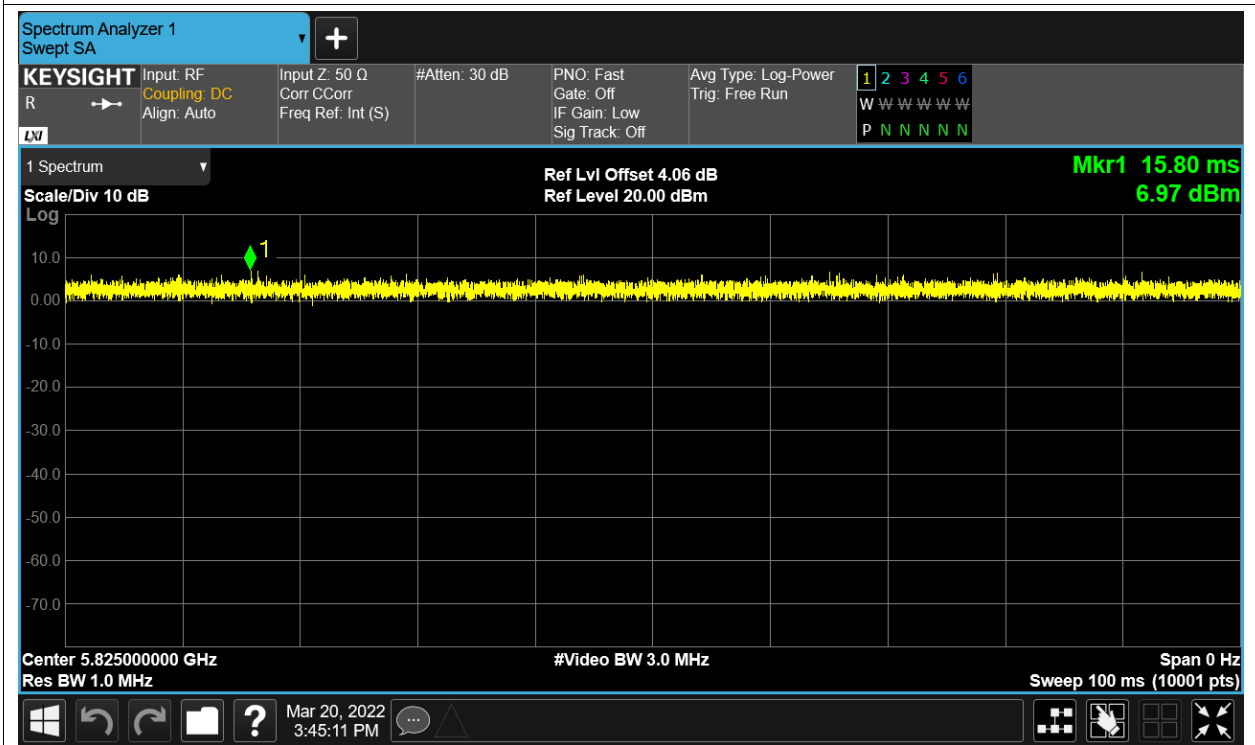
Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1

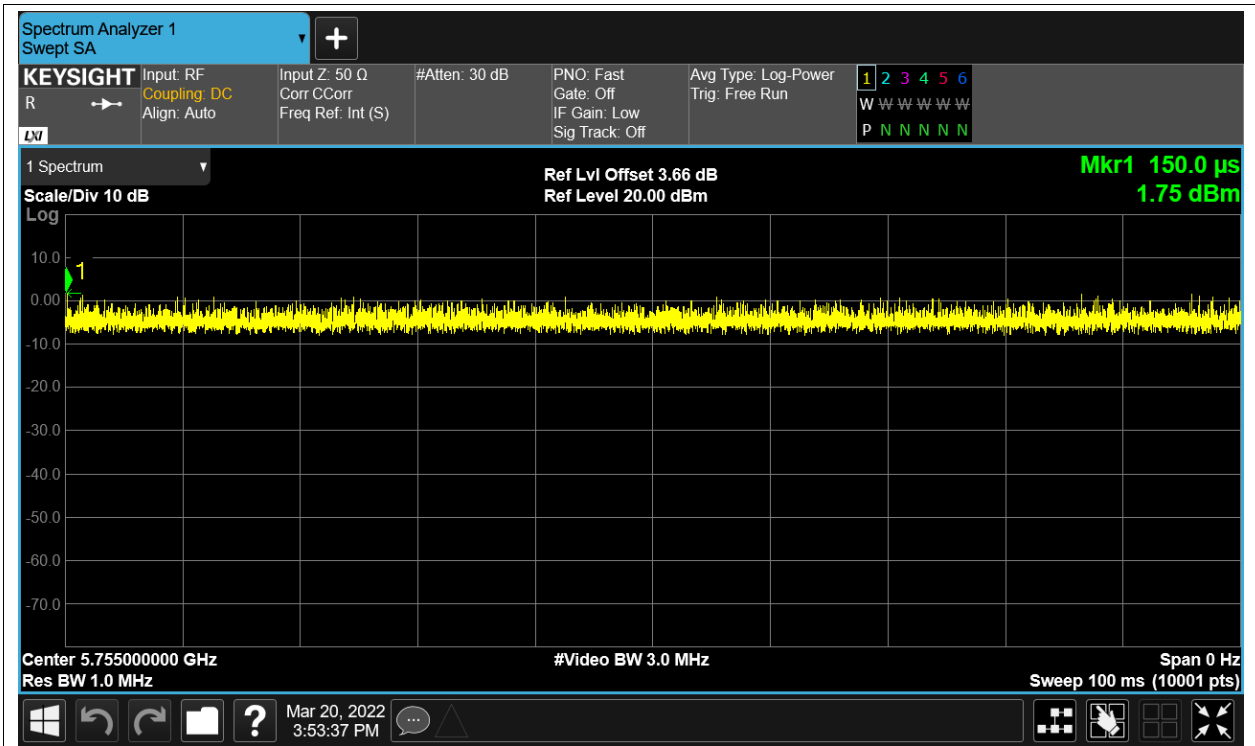


Duty Cycle NVNT n20 5825MHz Ant1

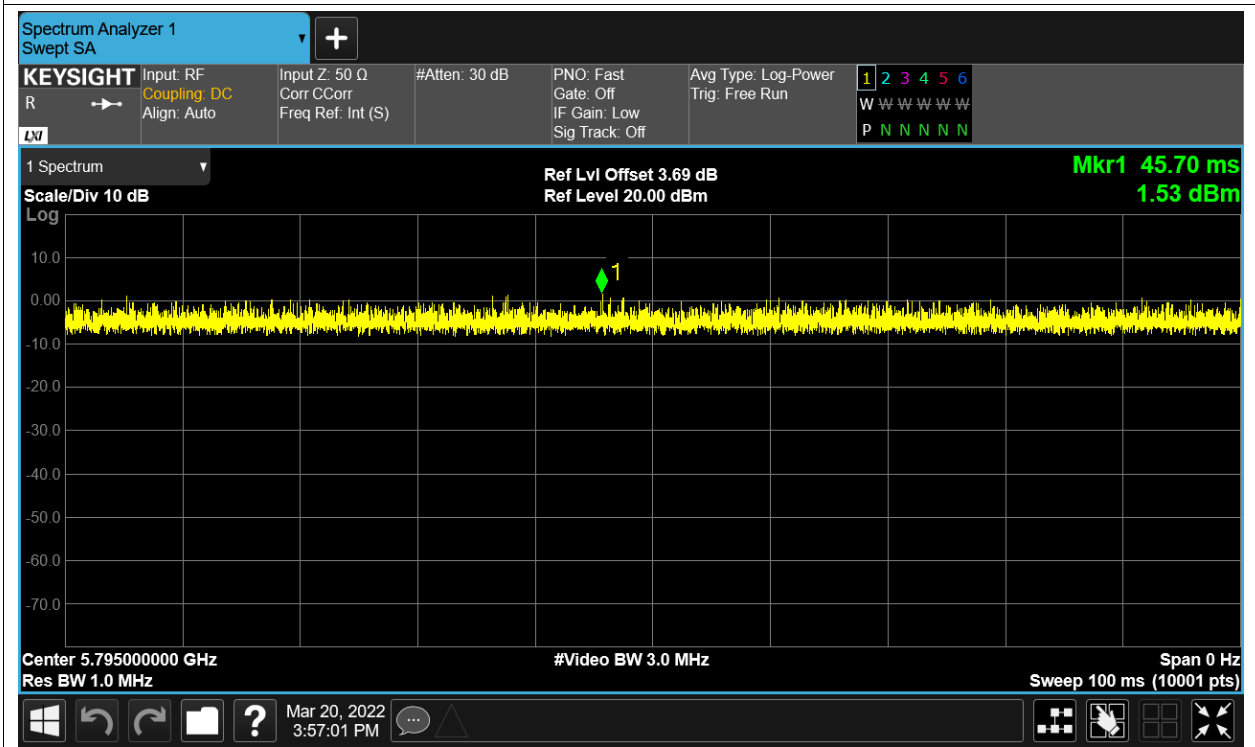


Duty Cycle NVNT n40 5755MHz Ant1





Duty Cycle NVNT n40 5795MHz Ant1

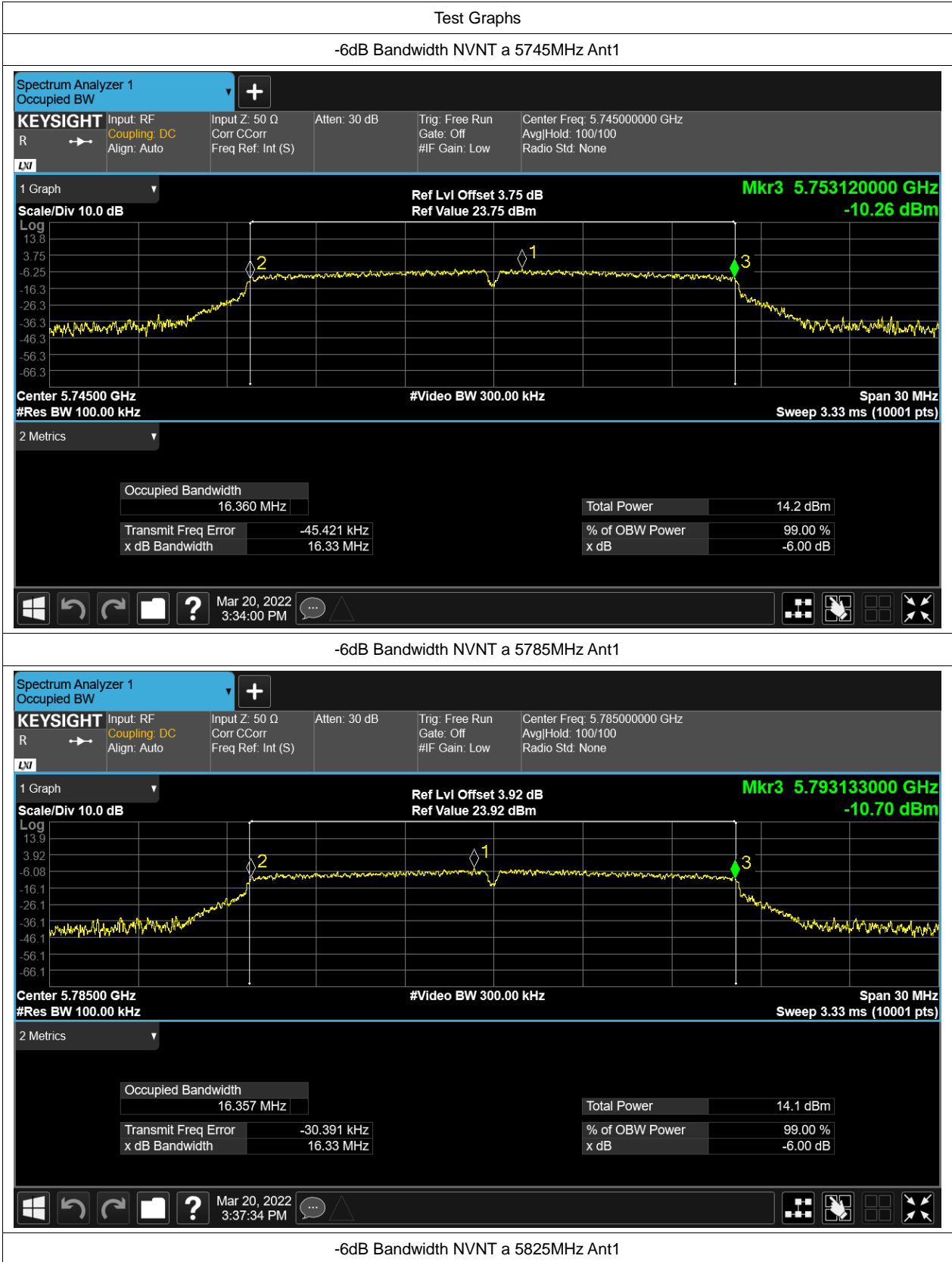


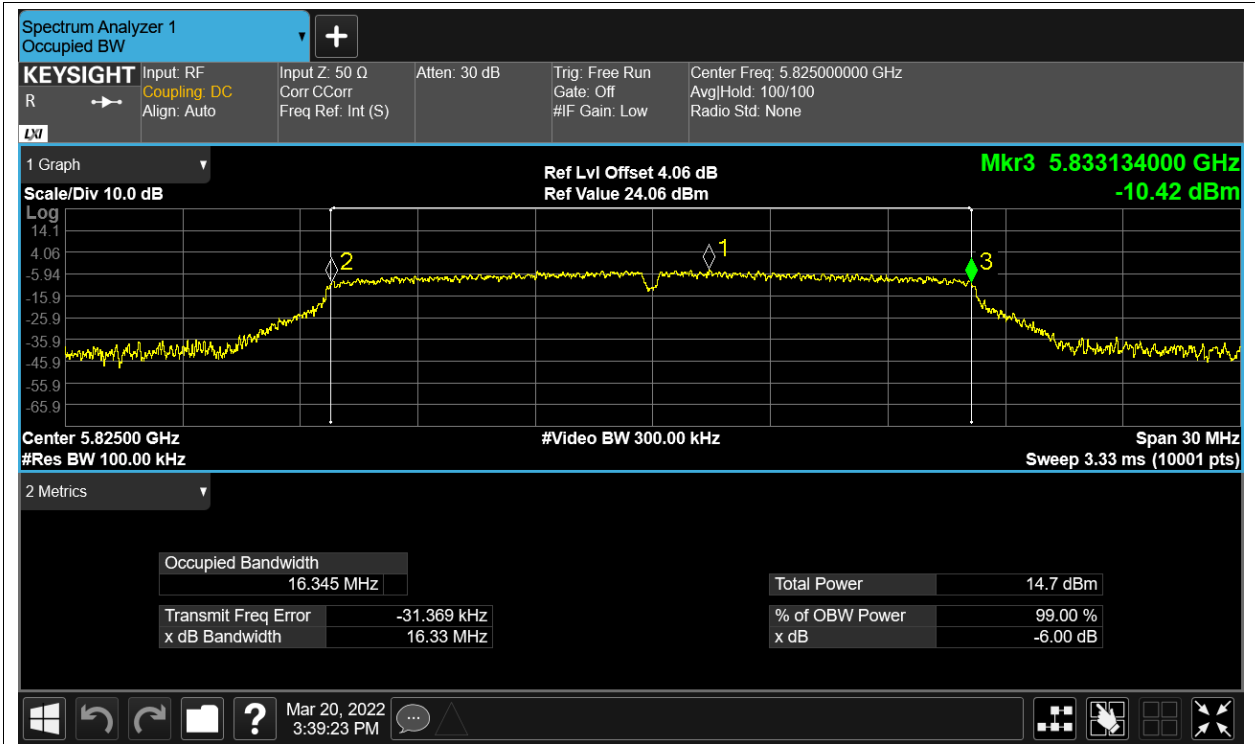
## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.01	0	9.01	30	Pass
NVNT	a	5785	Ant1	9.2	0	9.2	30	Pass
NVNT	a	5825	Ant1	10.13	0	10.13	30	Pass
NVNT	ac20	5745	Ant1	7.79	0	7.79	30	Pass
NVNT	ac20	5785	Ant1	8.29	0	8.29	30	Pass
NVNT	ac20	5825	Ant1	9.12	0	9.12	30	Pass
NVNT	ac40	5755	Ant1	8.02	0	8.02	30	Pass
NVNT	ac40	5795	Ant1	7.93	0	7.93	30	Pass
NVNT	ac80	5775	Ant1	7.82	0	7.82	30	Pass
NVNT	n20	5745	Ant1	8.63	0	8.63	30	Pass
NVNT	n20	5785	Ant1	9.14	0	9.14	30	Pass
NVNT	n20	5825	Ant1	9.94	0	9.94	30	Pass
NVNT	n40	5755	Ant1	9.08	0	9.08	30	Pass
NVNT	n40	5795	Ant1	8.87	0	8.87	30	Pass

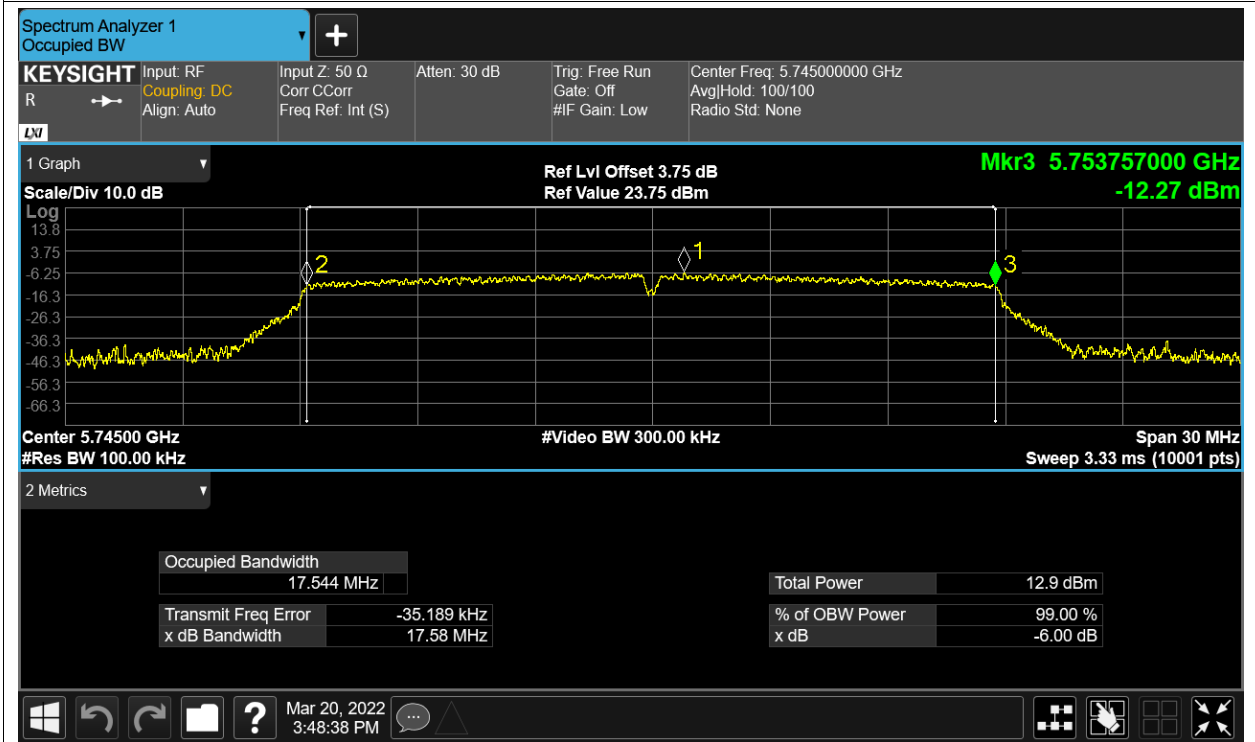
## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.33	0.5	Pass
NVNT	a	5785	Ant1	16.326	0.5	Pass
NVNT	a	5825	Ant1	16.33	0.5	Pass
NVNT	ac20	5745	Ant1	17.585	0.5	Pass
NVNT	ac20	5785	Ant1	17.595	0.5	Pass
NVNT	ac20	5825	Ant1	17.575	0.5	Pass
NVNT	ac40	5755	Ant1	35.426	0.5	Pass
NVNT	ac40	5795	Ant1	35.792	0.5	Pass
NVNT	ac80	5775	Ant1	76.317	0.5	Pass
NVNT	n20	5745	Ant1	17.589	0.5	Pass
NVNT	n20	5785	Ant1	17.558	0.5	Pass
NVNT	n20	5825	Ant1	17.547	0.5	Pass
NVNT	n40	5755	Ant1	35.405	0.5	Pass
NVNT	n40	5795	Ant1	36.054	0.5	Pass

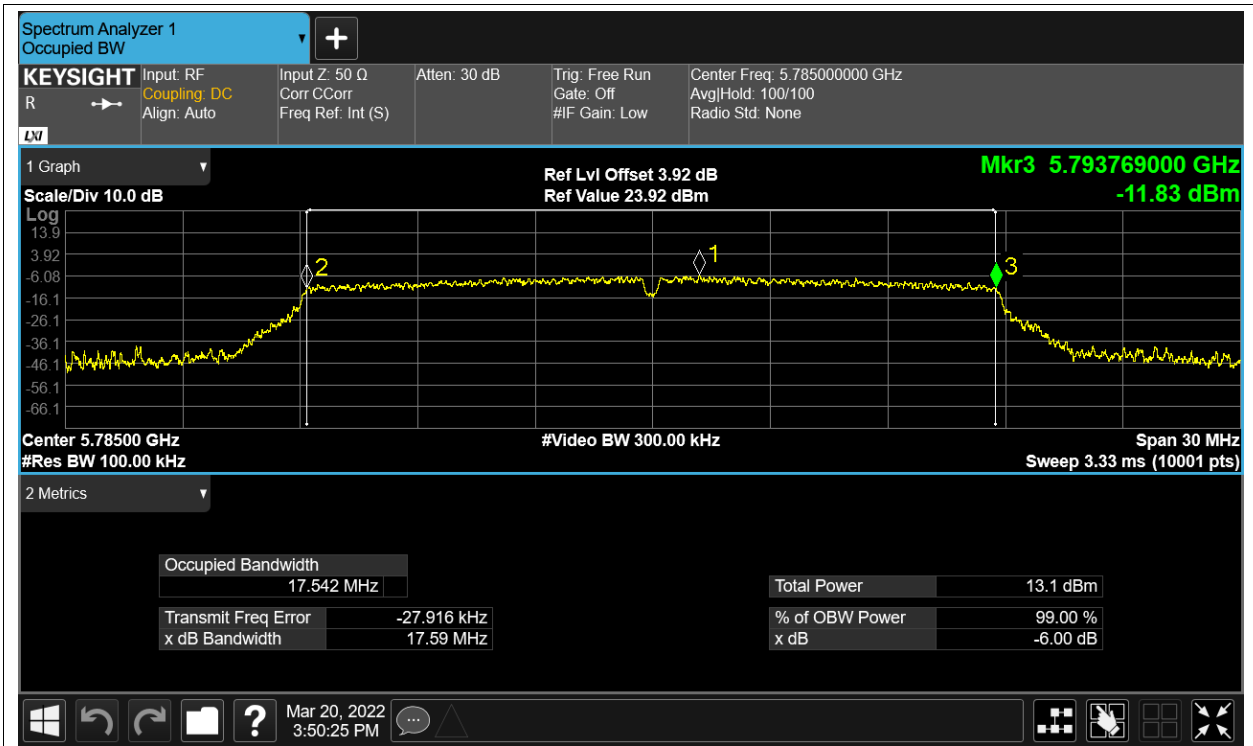




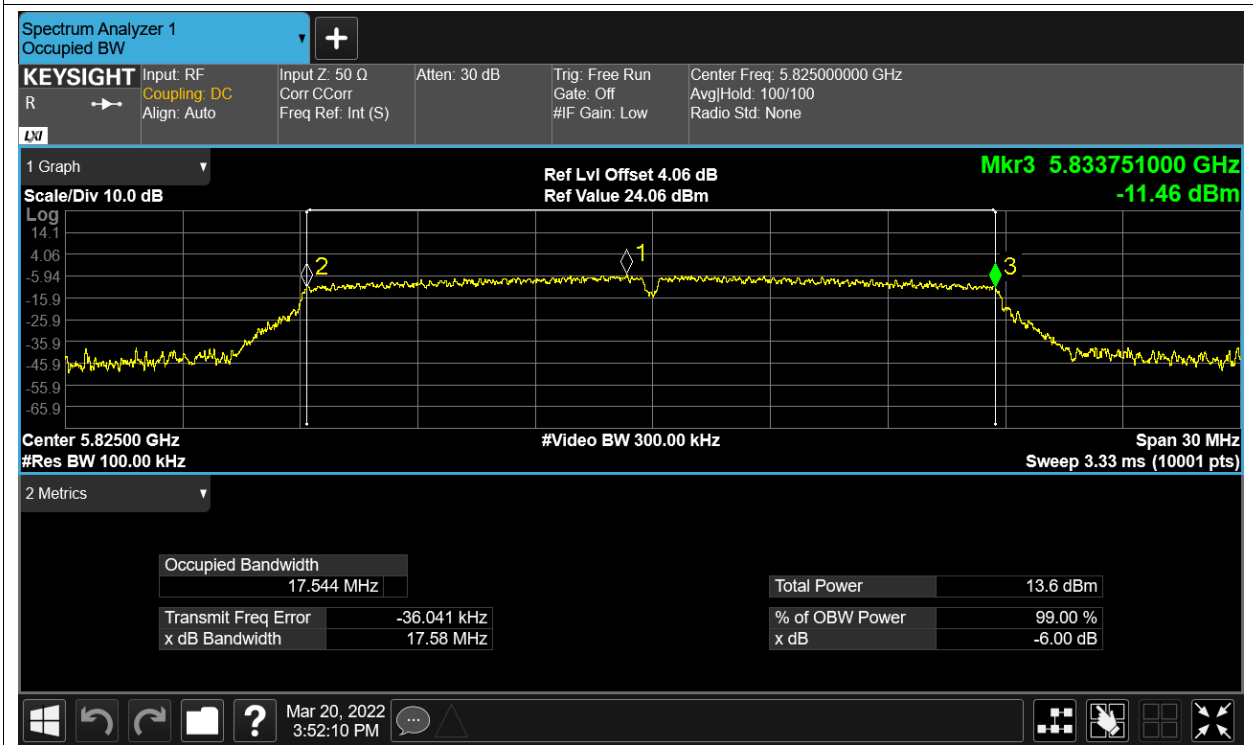
-6dB Bandwidth NVNT ac20 5745MHz Ant1



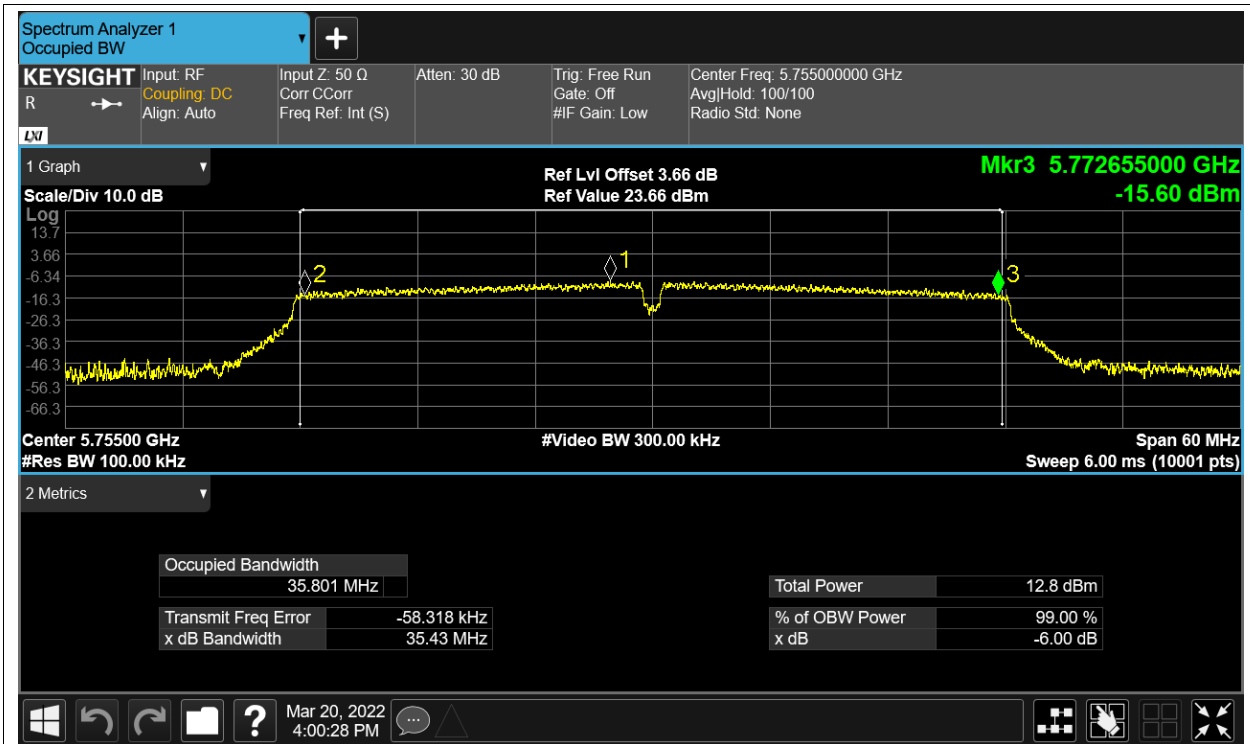
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



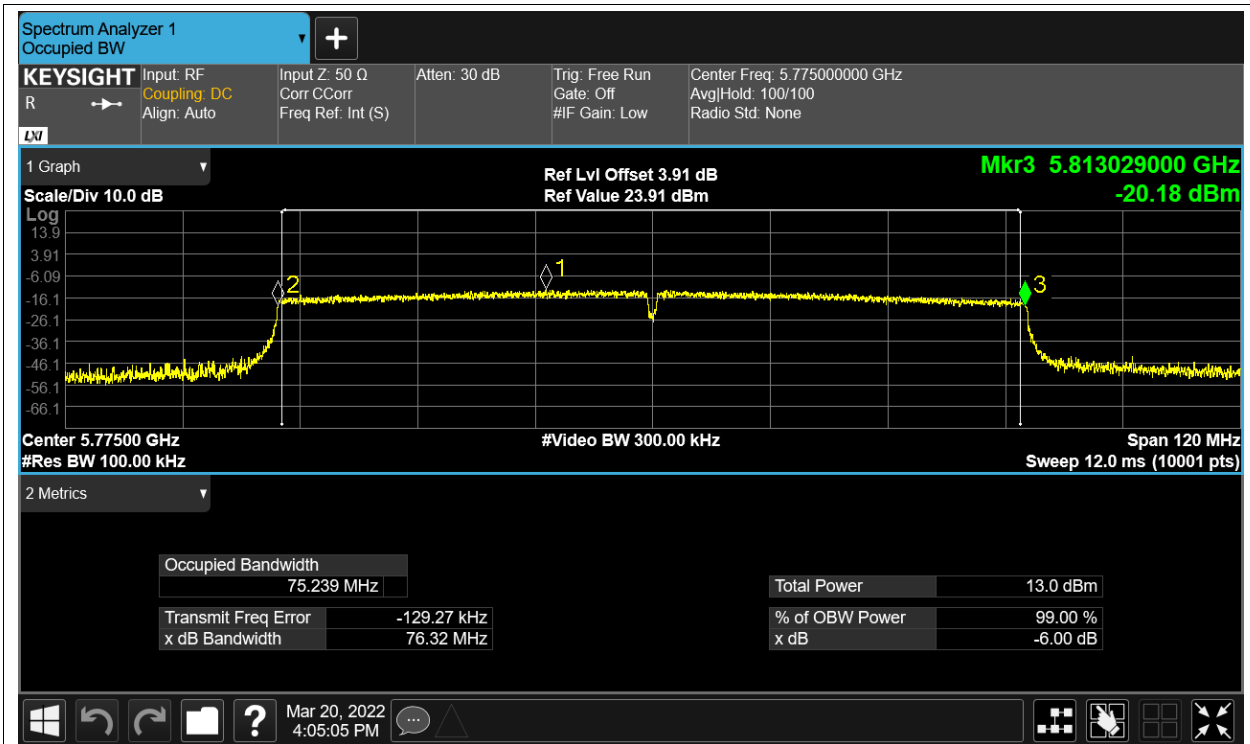
-6dB Bandwidth NVNT ac40 5755MHz Ant1



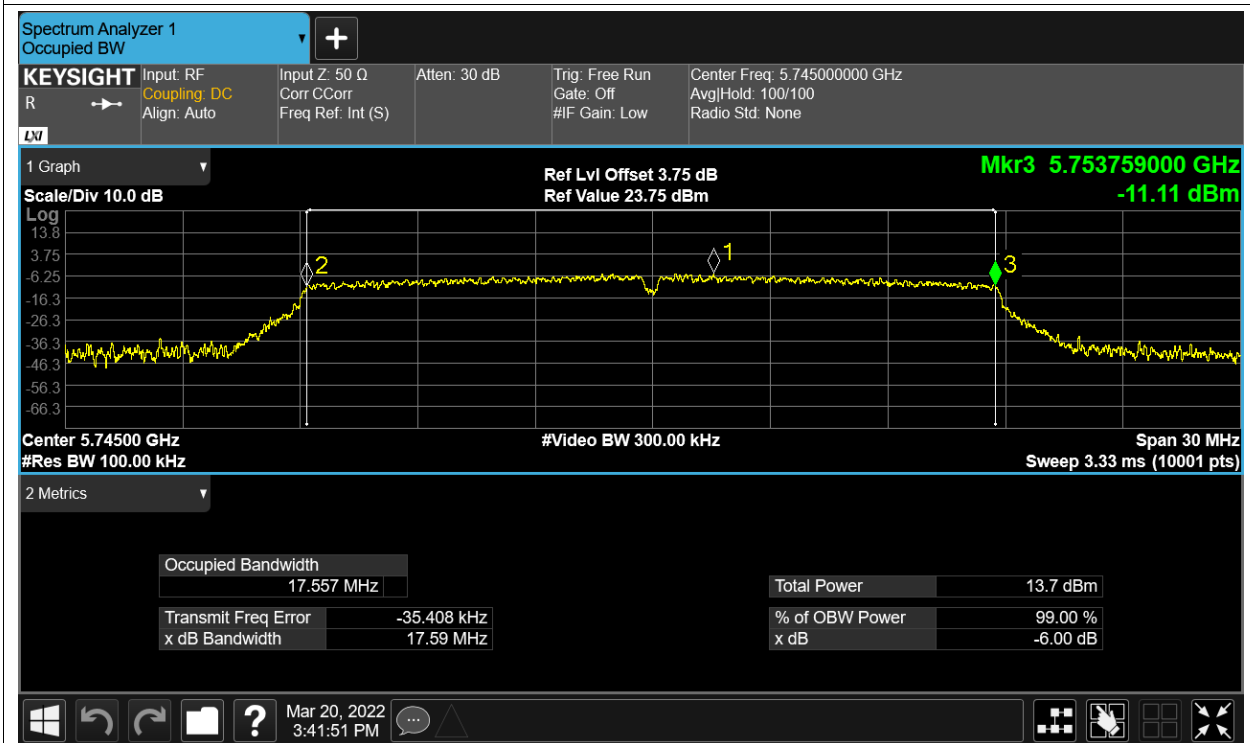
-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

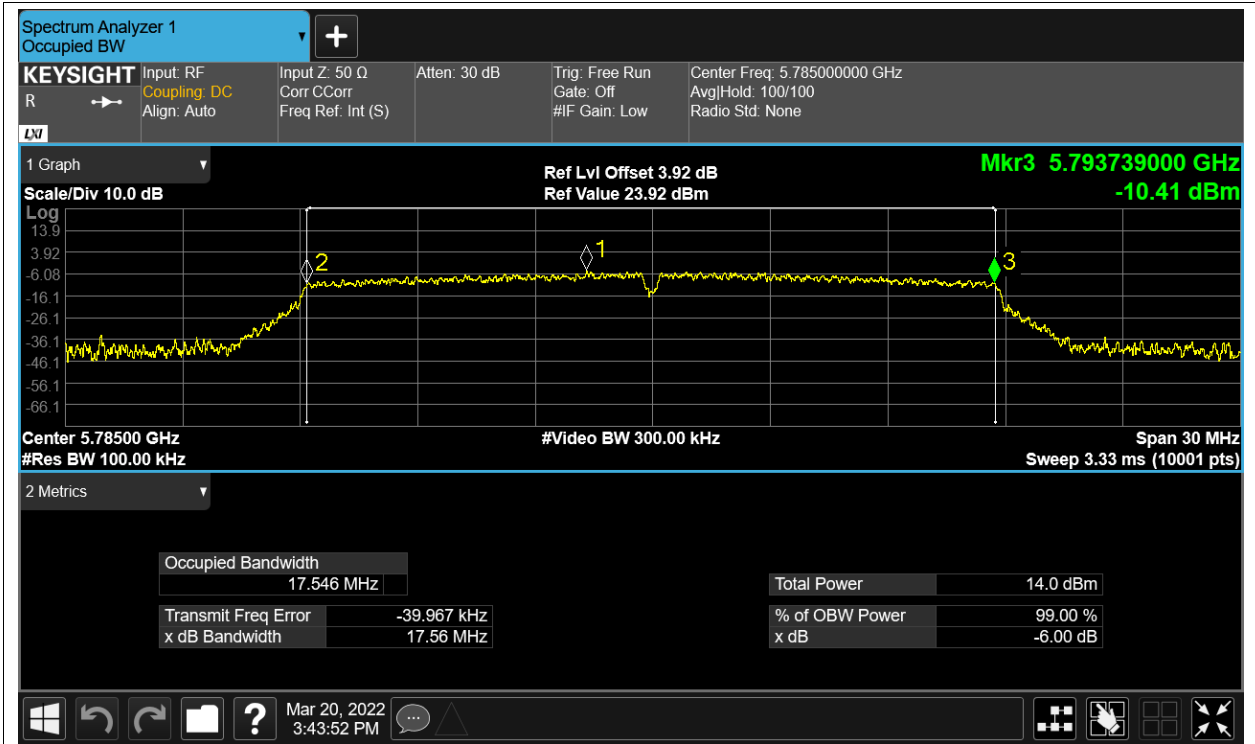


-6dB Bandwidth NVNT n20 5745MHz Ant1

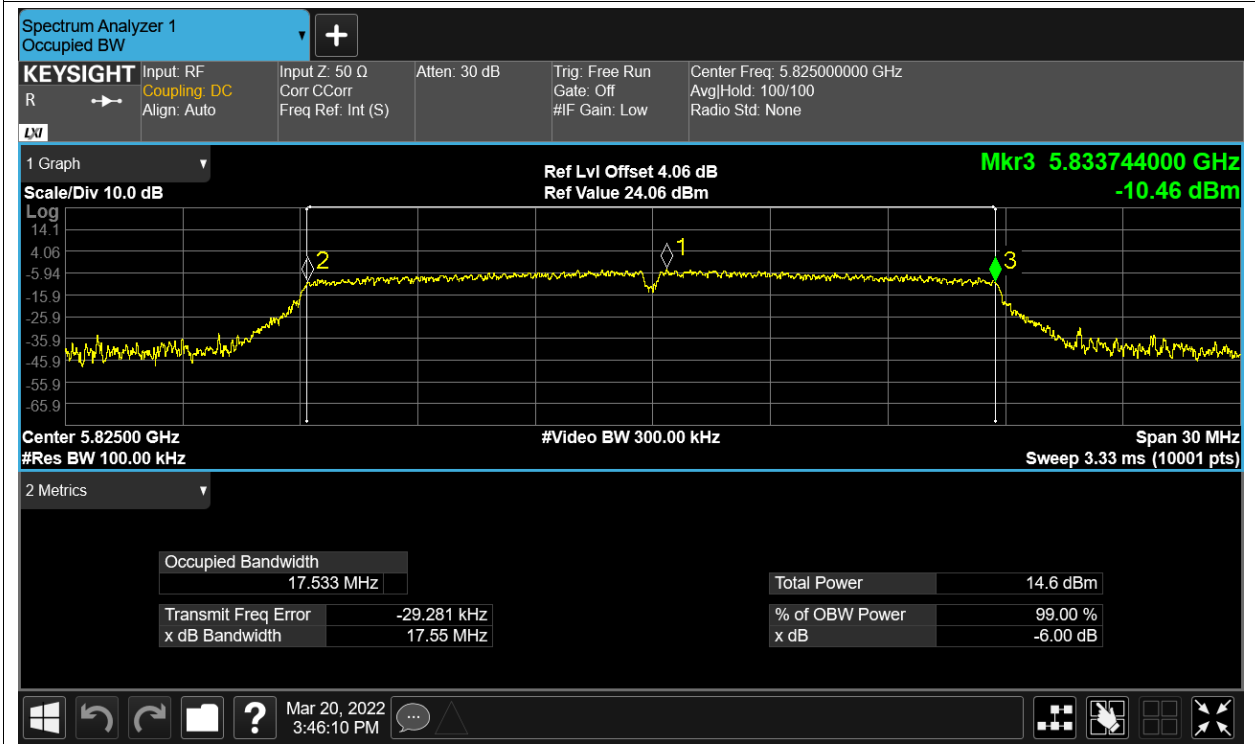


-6dB Bandwidth NVNT n20 5785MHz Ant1

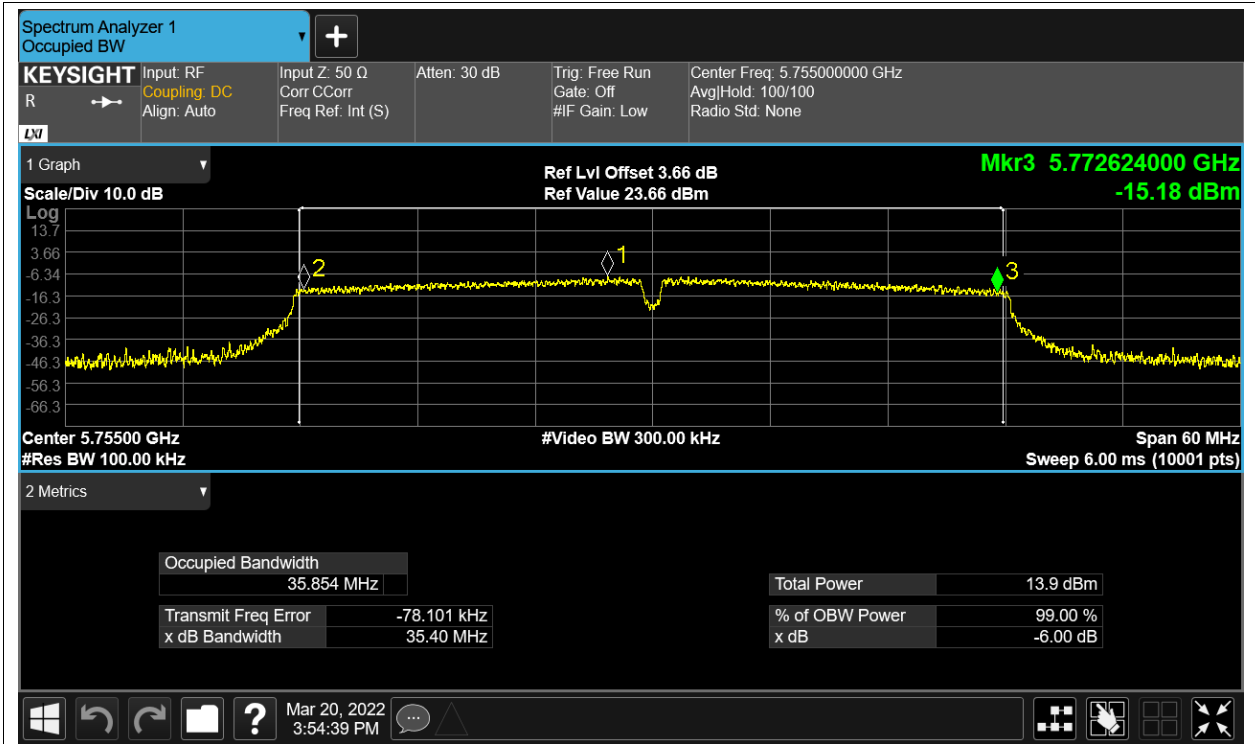




-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1

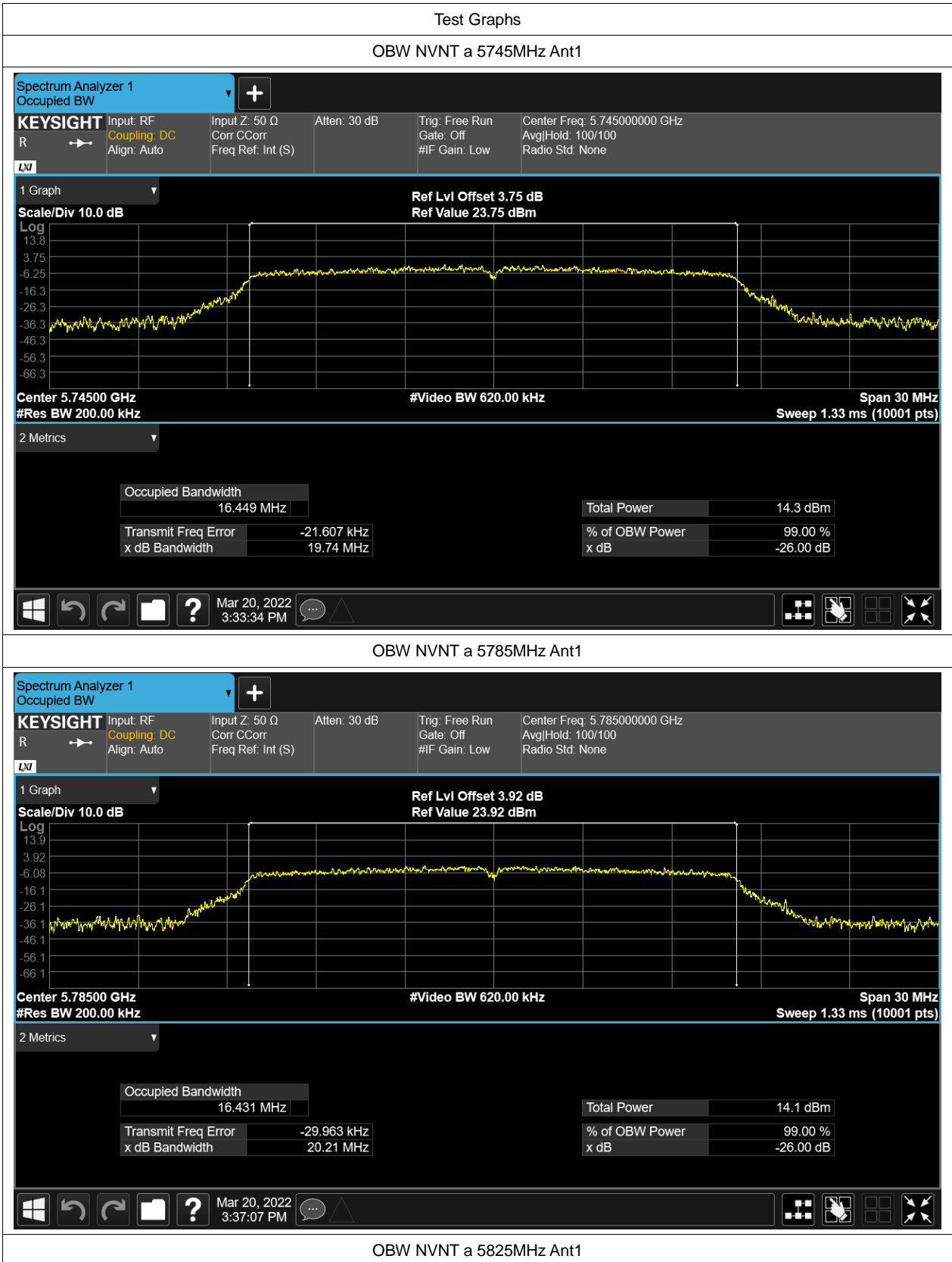


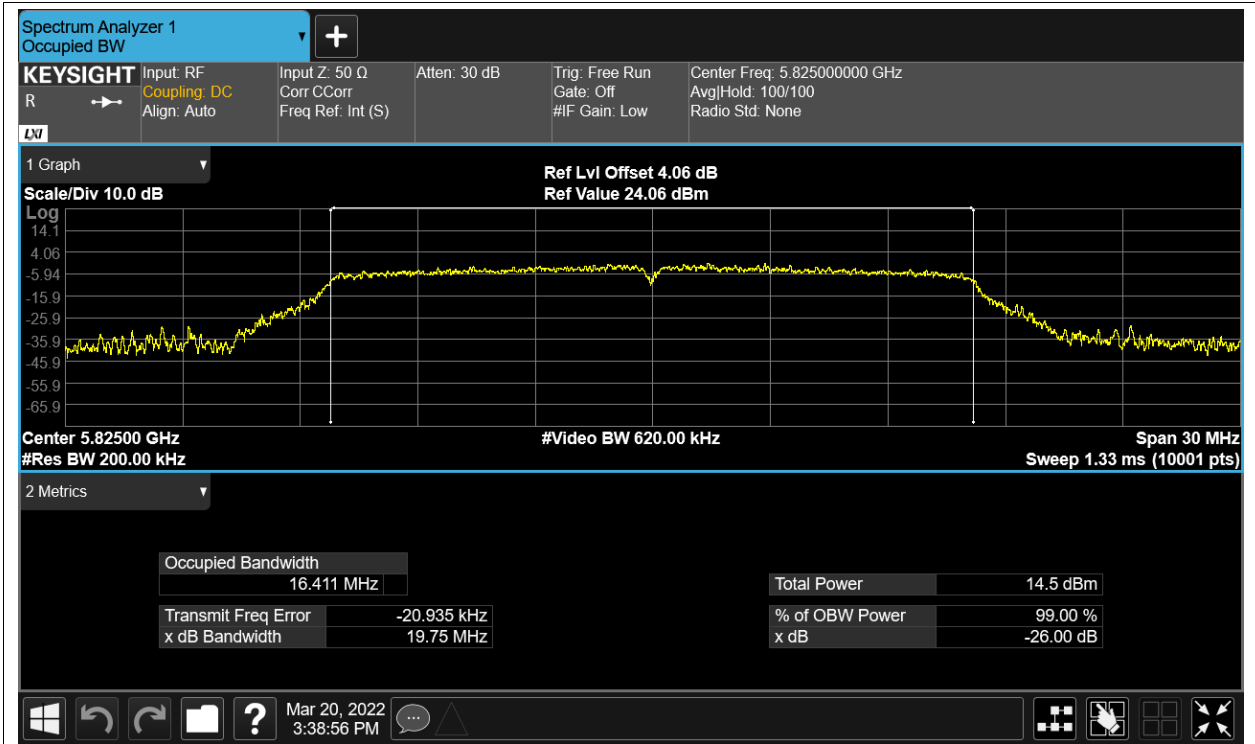
-6dB Bandwidth NVNT n40 5795MHz Ant1



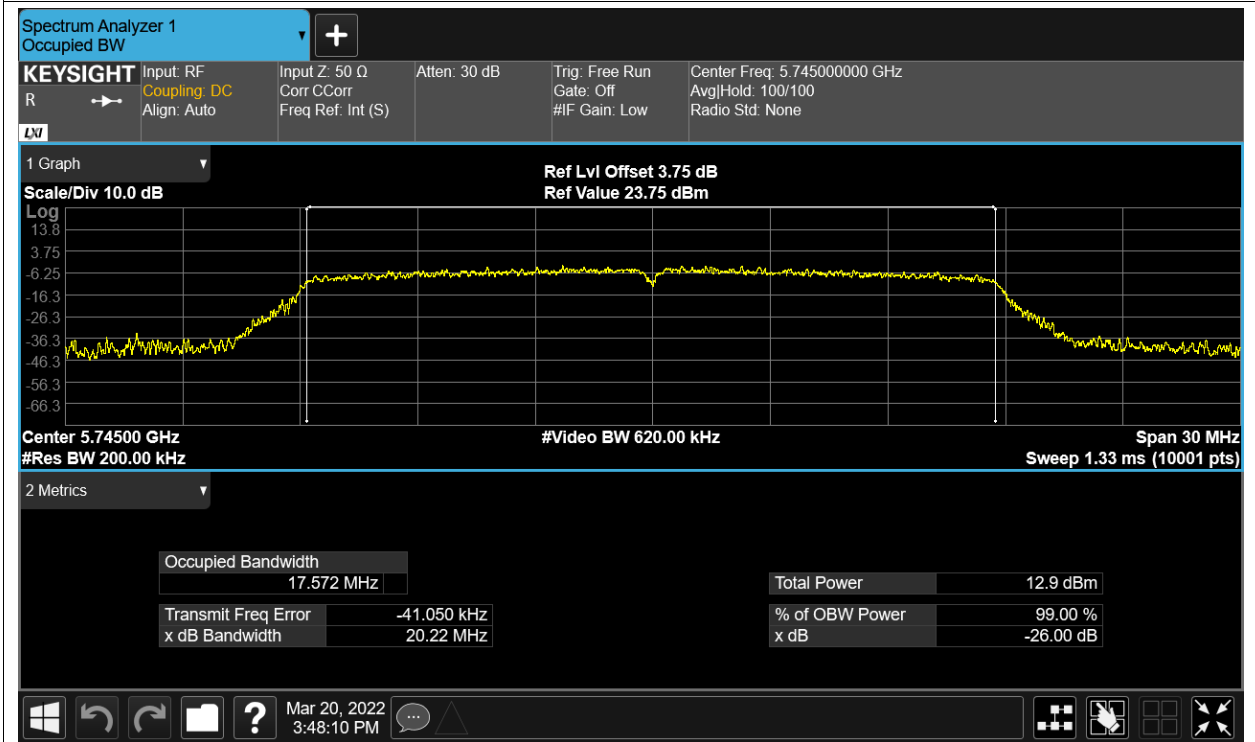
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.44888551
NVNT	a	5785	Ant1	16.43126112
NVNT	a	5825	Ant1	16.41103875
NVNT	ac20	5745	Ant1	17.57162546
NVNT	ac20	5785	Ant1	17.58267142
NVNT	ac20	5825	Ant1	17.54291169
NVNT	ac40	5755	Ant1	35.91493448
NVNT	ac40	5795	Ant1	35.94248746
NVNT	ac80	5775	Ant1	75.17018636
NVNT	n20	5745	Ant1	17.58811854
NVNT	n20	5785	Ant1	17.5733219
NVNT	n20	5825	Ant1	17.53897656
NVNT	n40	5755	Ant1	35.94714175
NVNT	n40	5795	Ant1	35.97114763

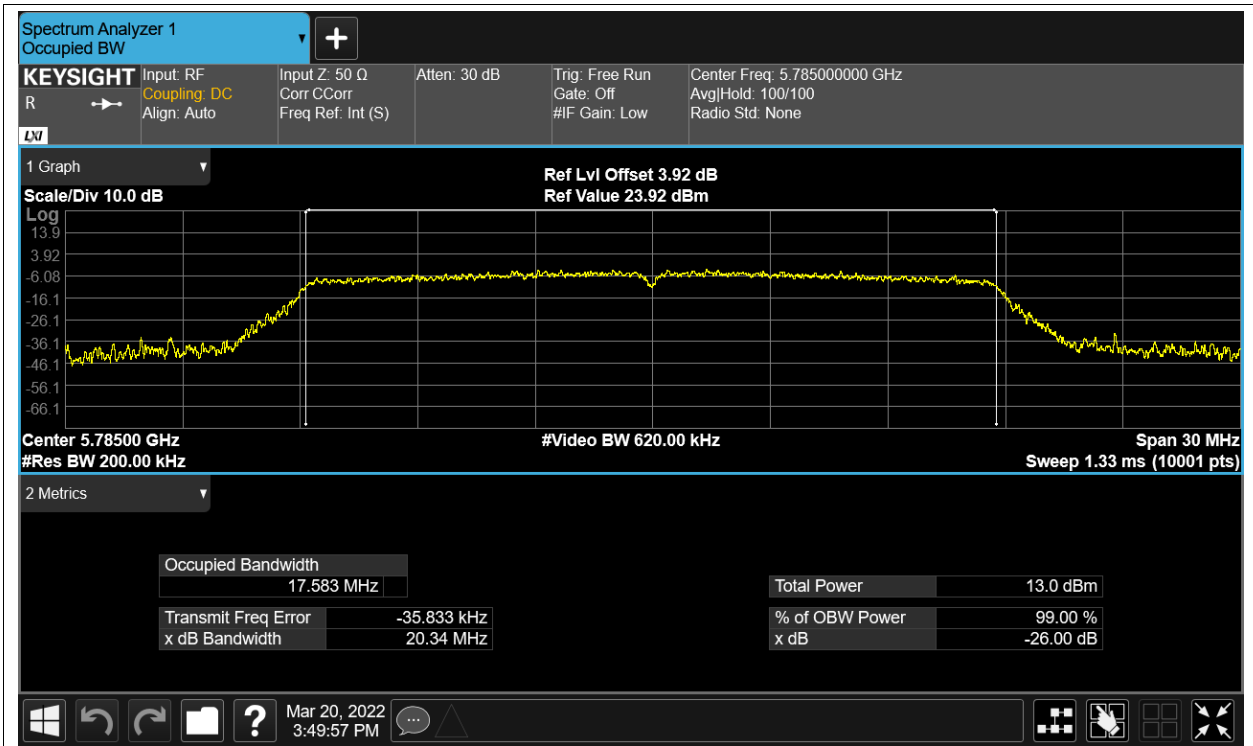




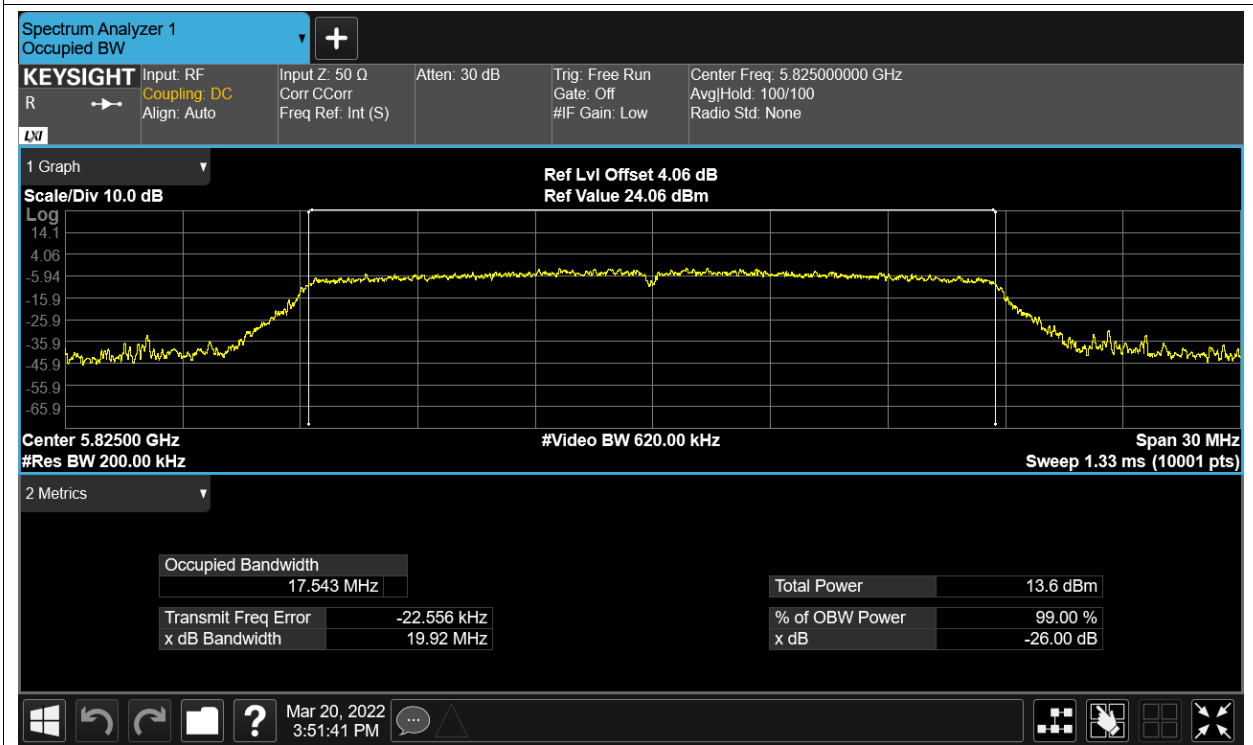
OBW NVNT ac20 5745MHz Ant1



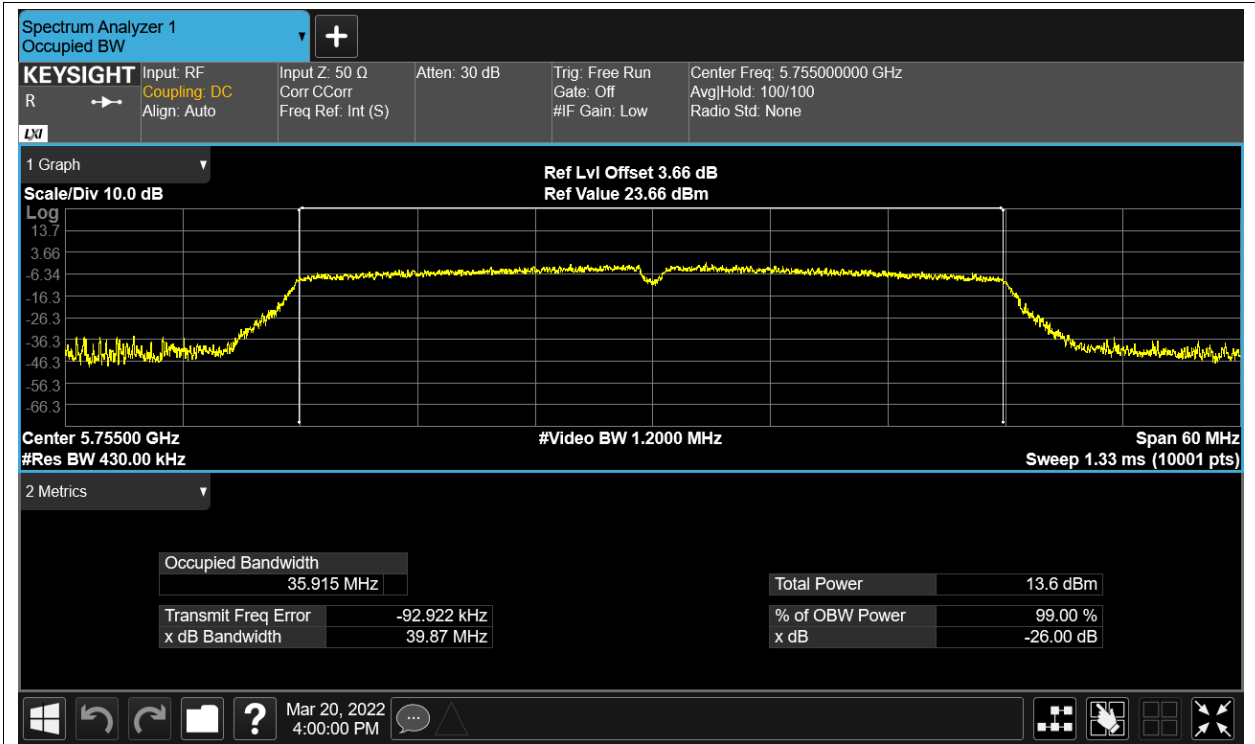
OBW NVNT ac20 5785MHz Ant1



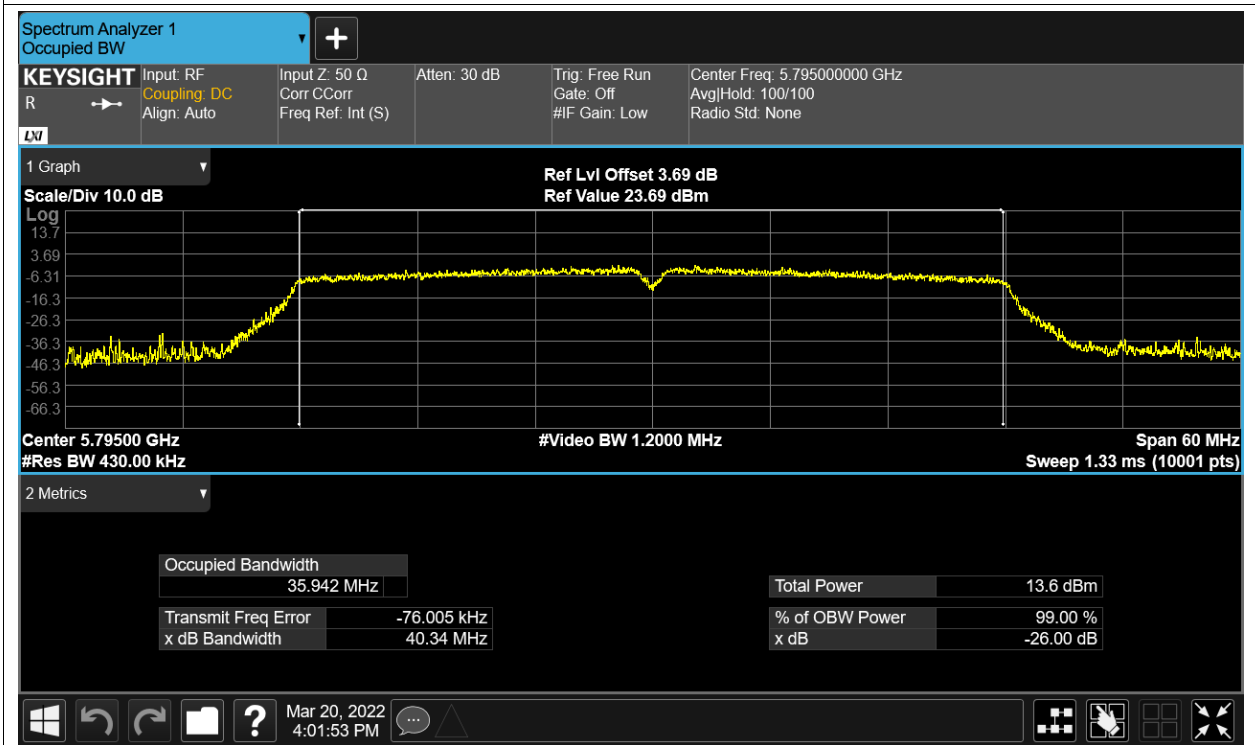
OBW NVNT ac20 5825MHz Ant1



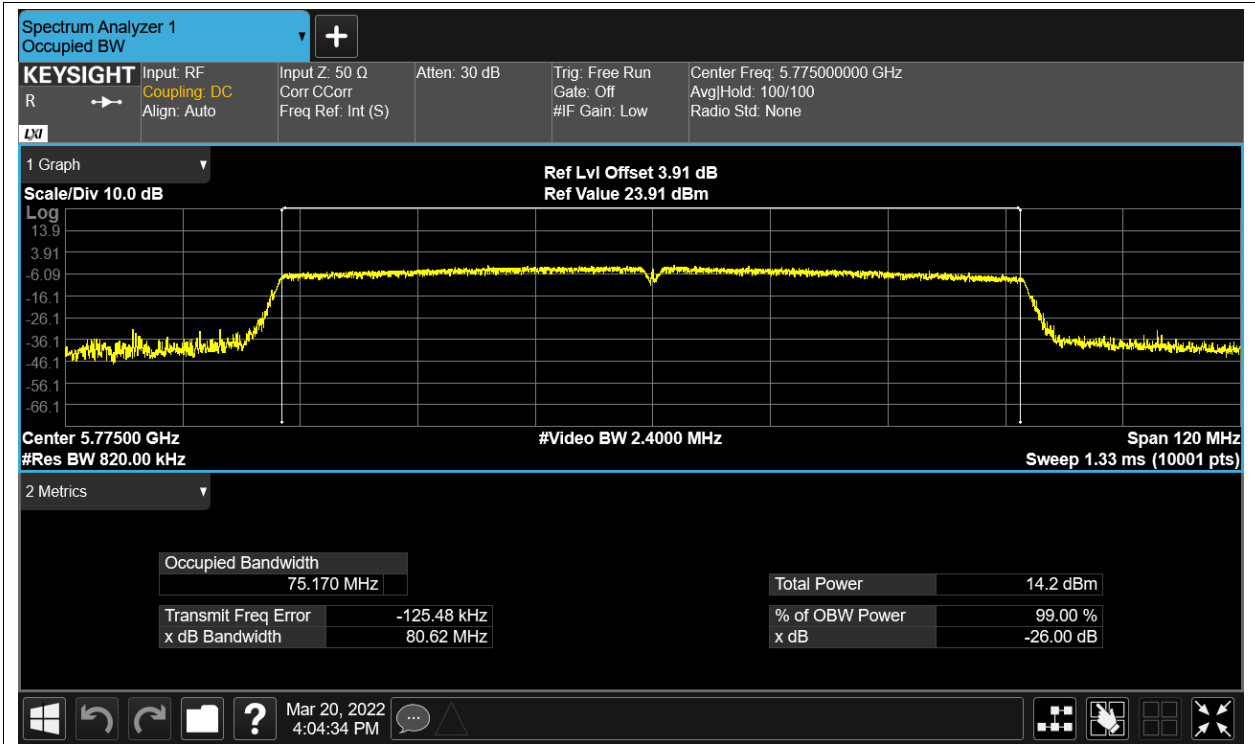
OBW NVNT ac40 5755MHz Ant1



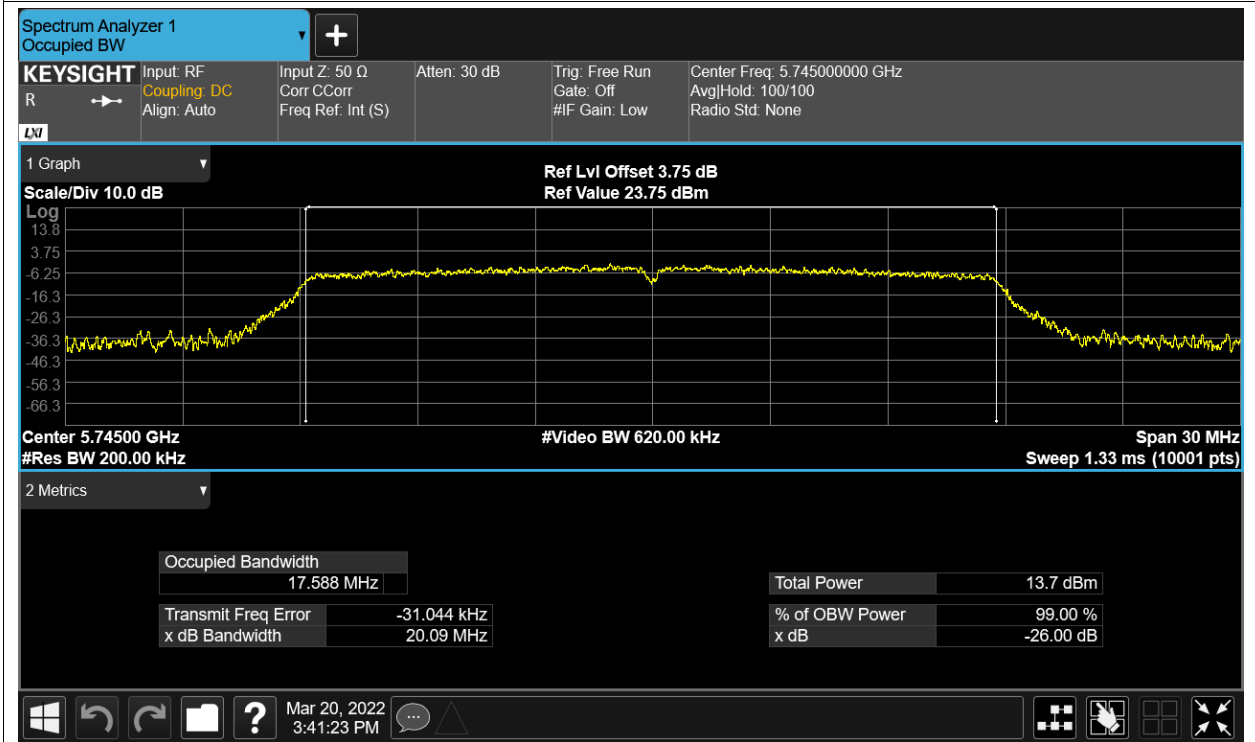
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

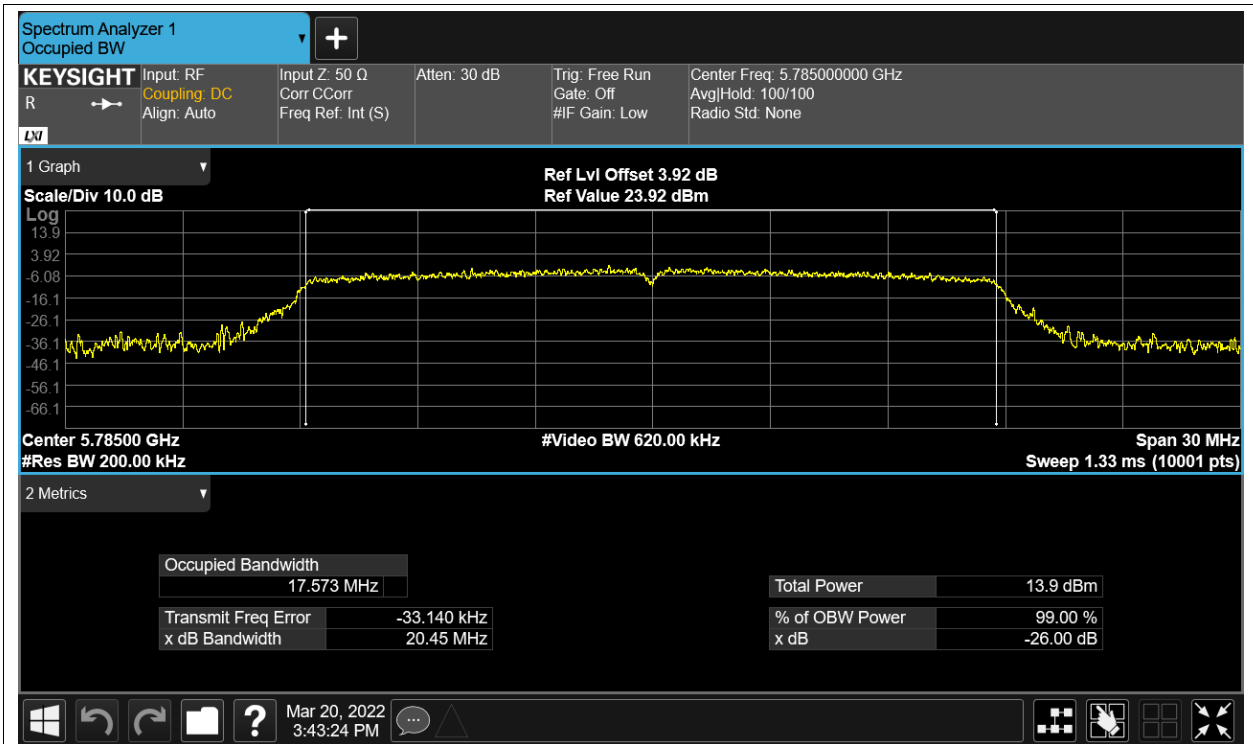


OBW NVNT n20 5745MHz Ant1

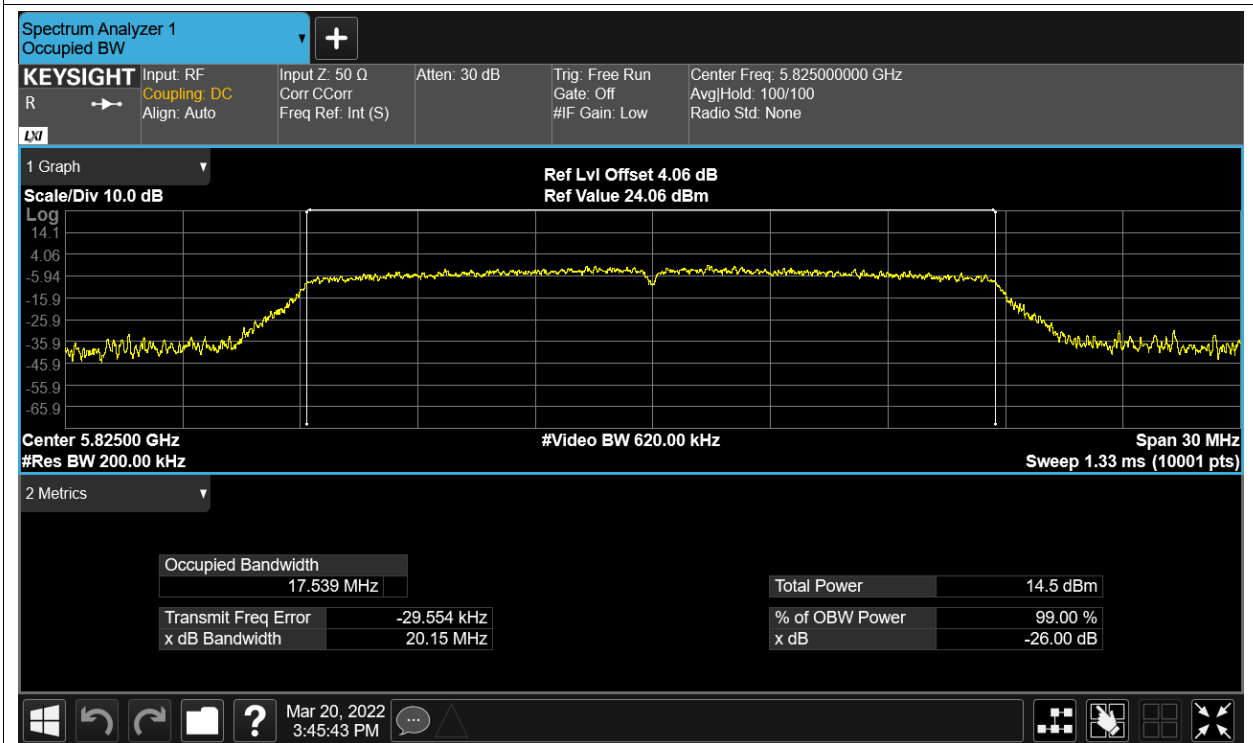


OBW NVNT n20 5785MHz Ant1

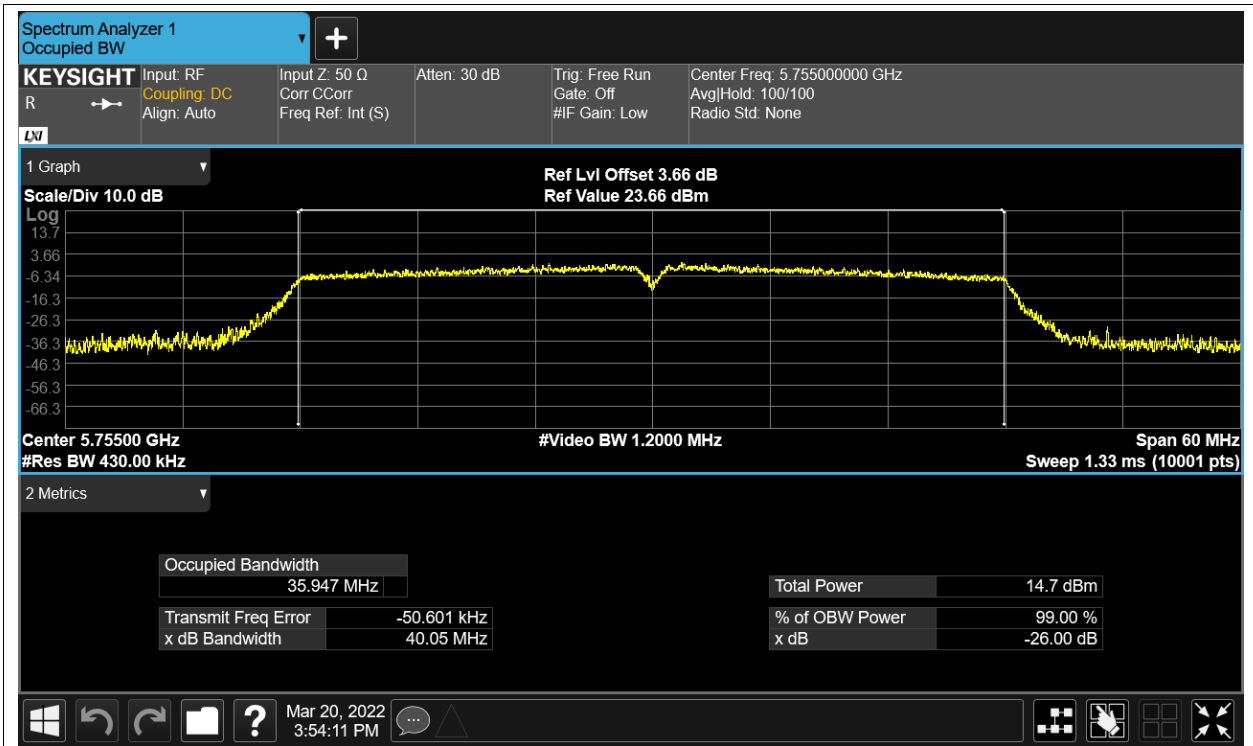




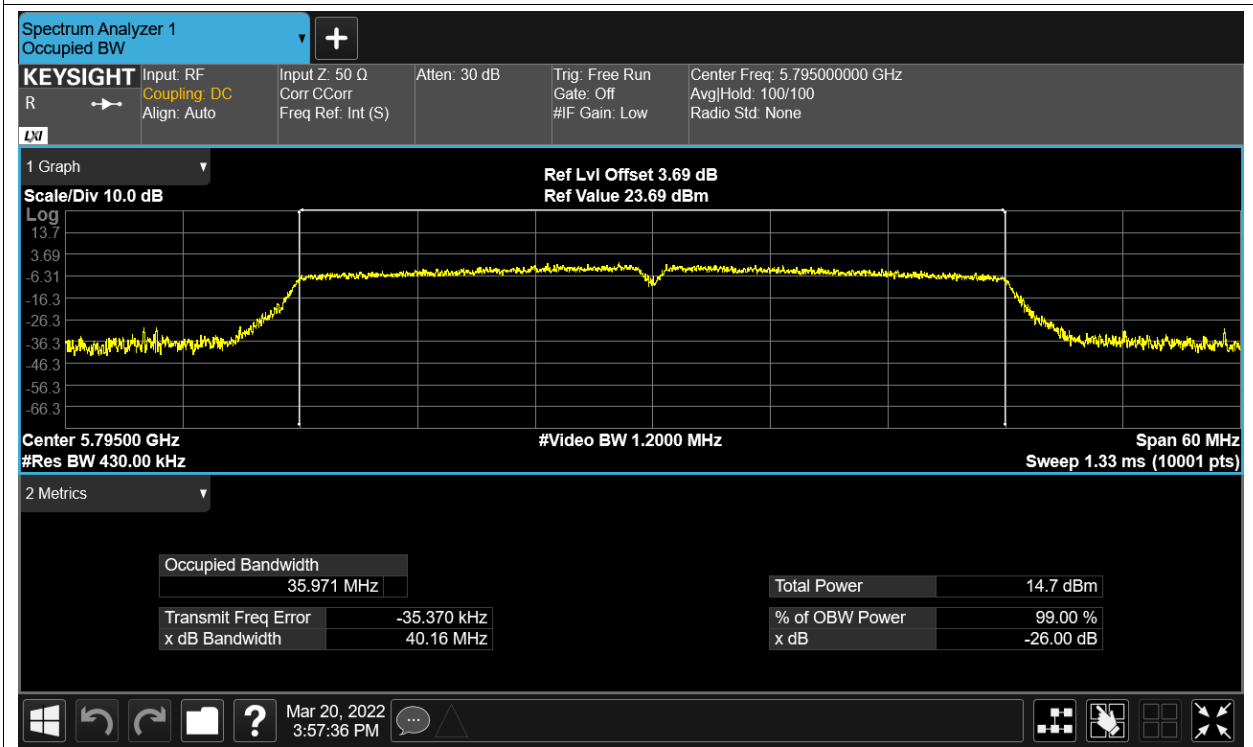
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

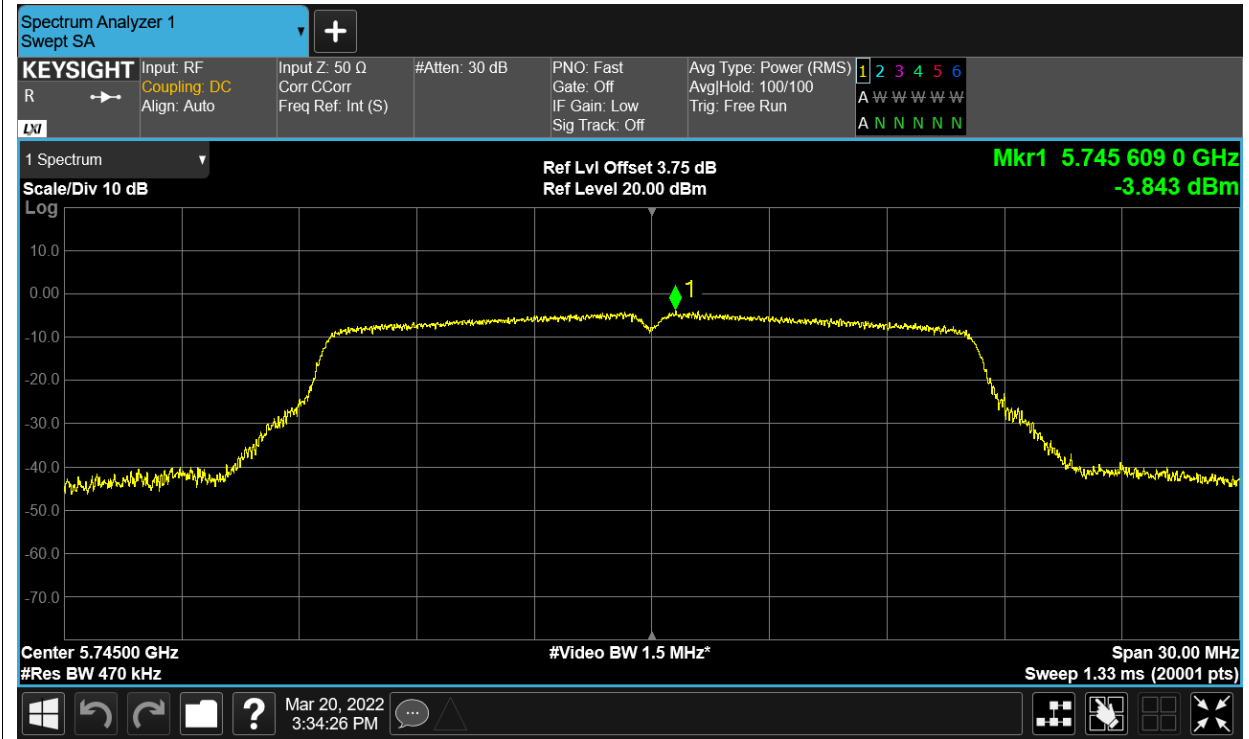


## Maximum Power Spectral Density Level

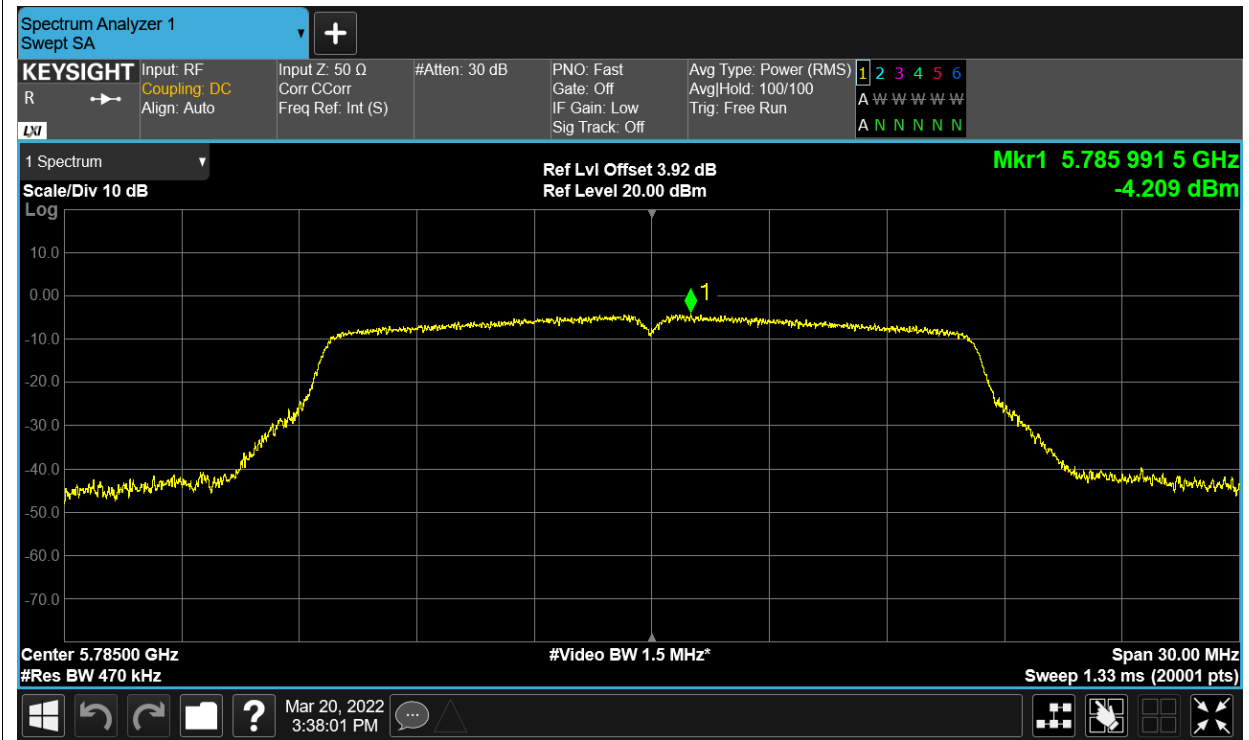
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.843	30	Pass
NVNT	a	5785	Ant1	-4.209	30	Pass
NVNT	a	5825	Ant1	-3.698	30	Pass
NVNT	ac20	5745	Ant1	-5.743	30	Pass
NVNT	ac20	5785	Ant1	-5.469	30	Pass
NVNT	ac20	5825	Ant1	-5.018	30	Pass
NVNT	ac40	5755	Ant1	-8.011	30	Pass
NVNT	ac40	5795	Ant1	-7.905	30	Pass
NVNT	ac80	5775	Ant1	-11.536	30	Pass
NVNT	n20	5745	Ant1	-4.686	30	Pass
NVNT	n20	5785	Ant1	-4.413	30	Pass
NVNT	n20	5825	Ant1	-4.12	30	Pass
NVNT	n40	5755	Ant1	-6.548	30	Pass
NVNT	n40	5795	Ant1	-6.643	30	Pass

Test Graphs

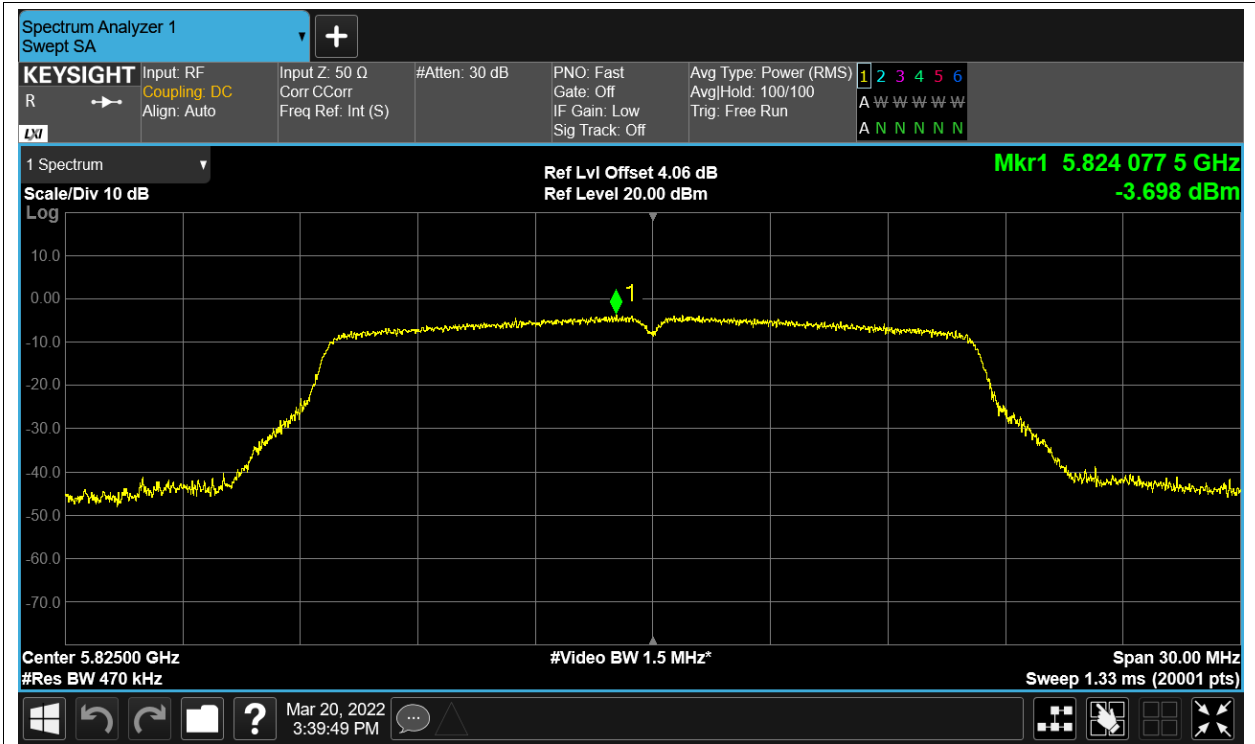
PSD NVNT a 5745MHz Ant1



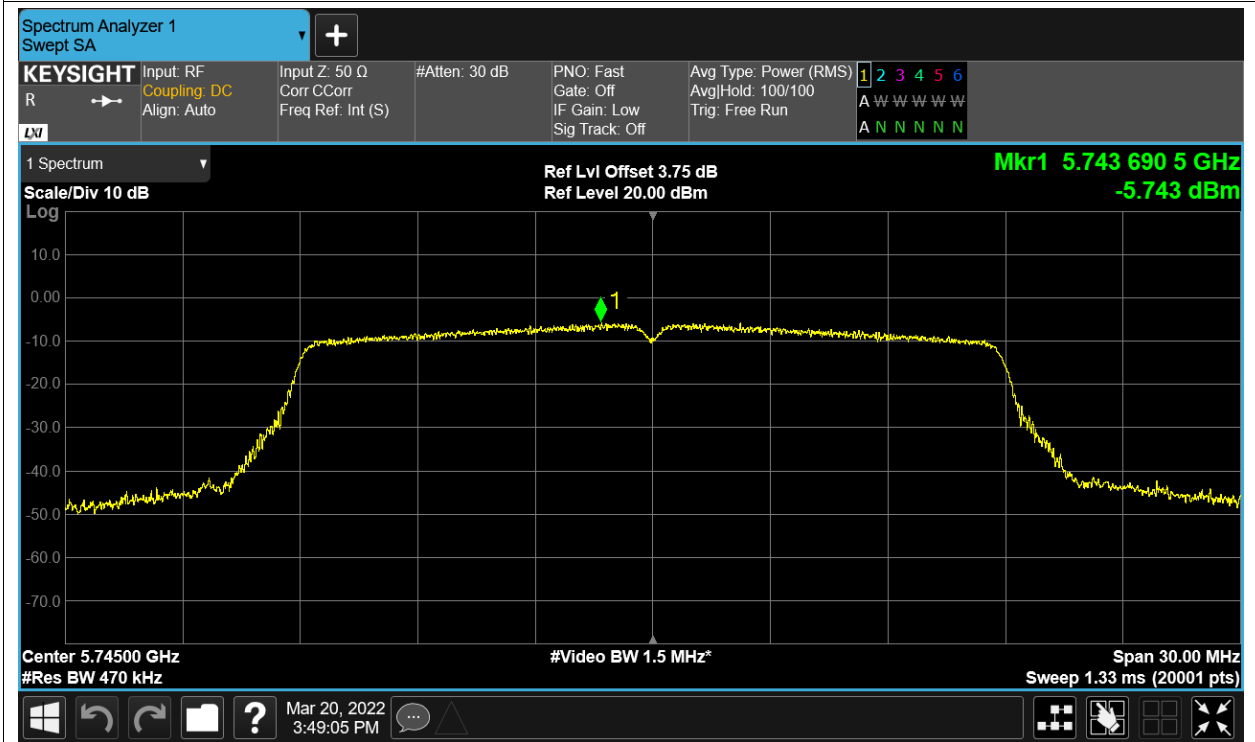
PSD NVNT a 5785MHz Ant1



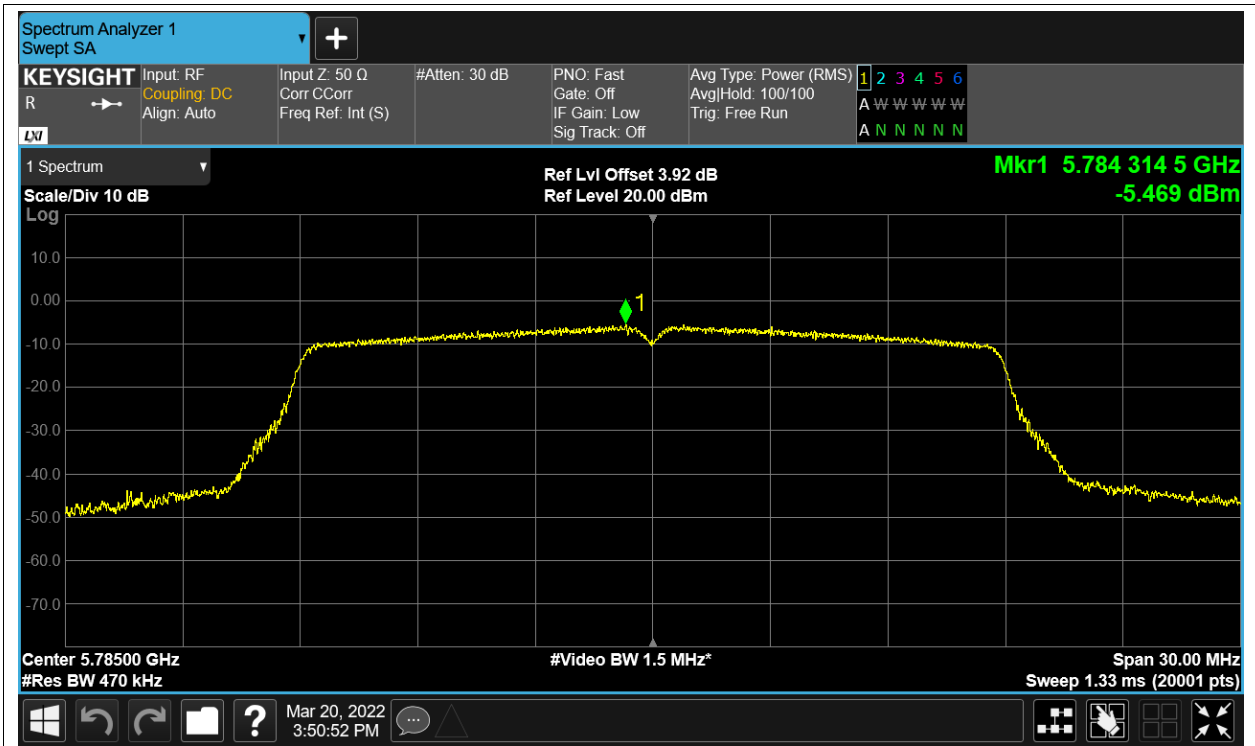
PSD NVNT a 5825MHz Ant1



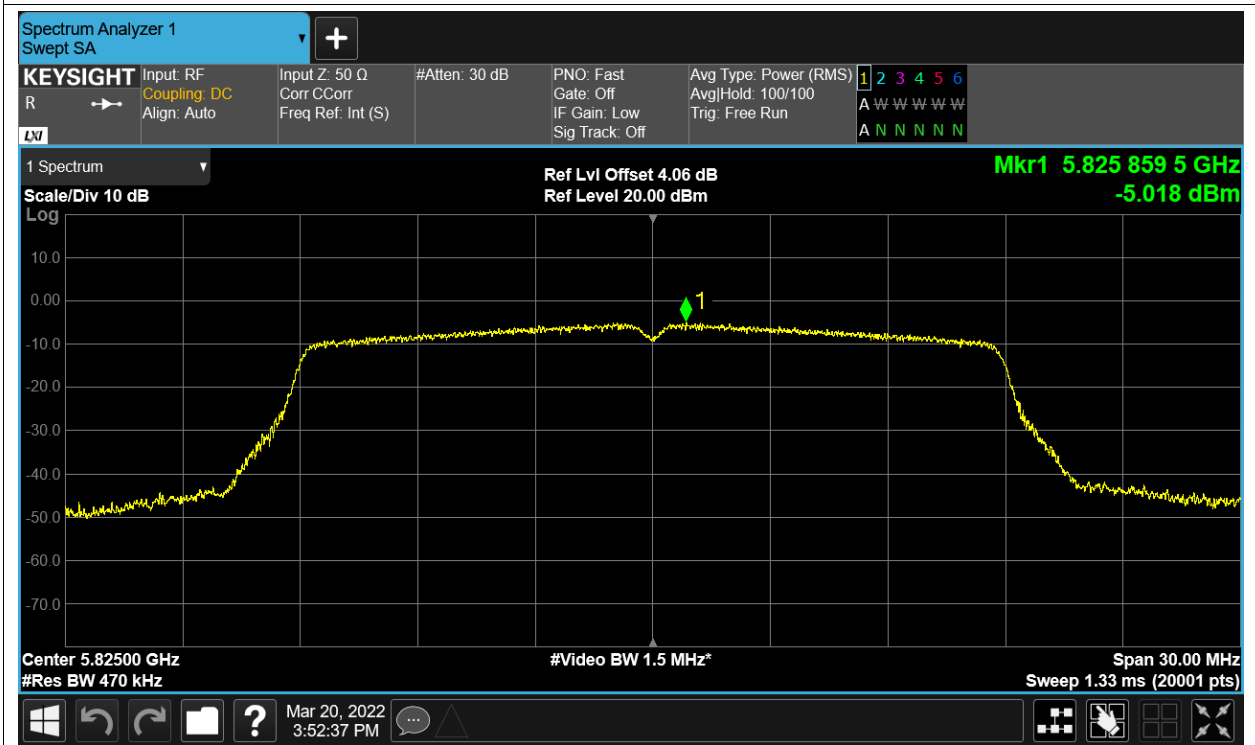
PSD NVNT ac20 5745MHz Ant1



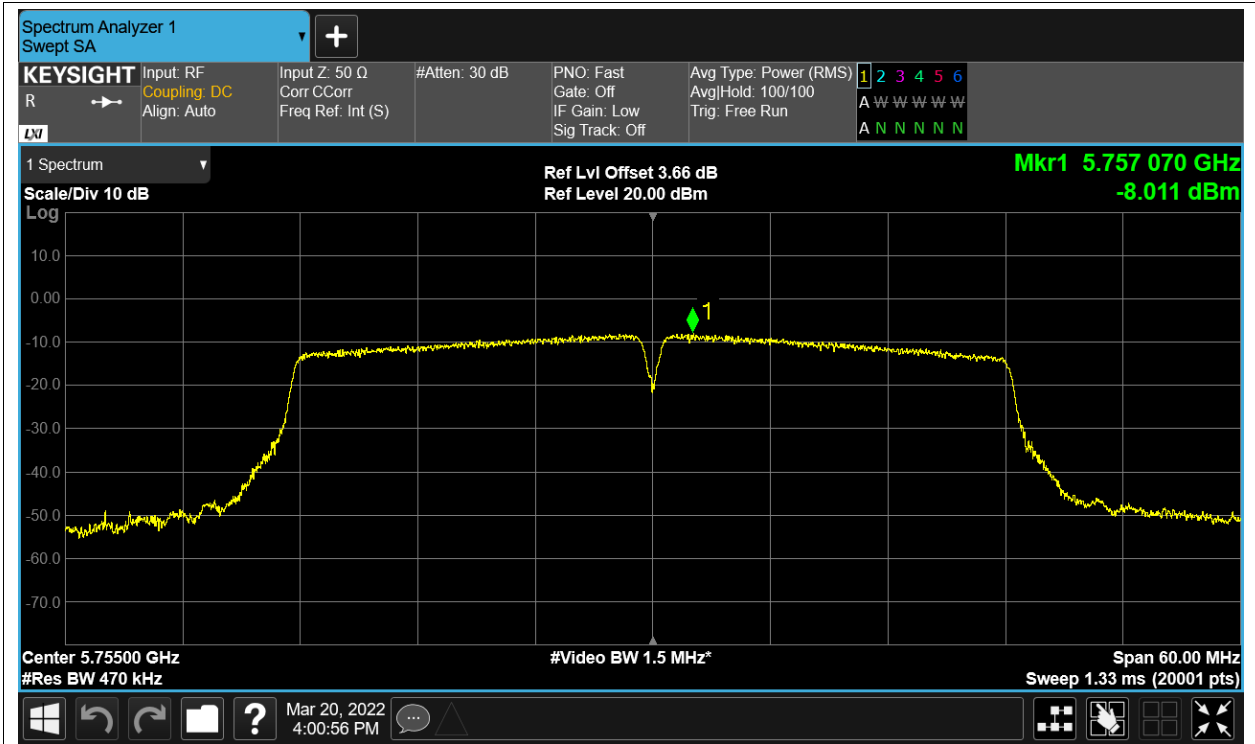
PSD NVNT ac20 5785MHz Ant1



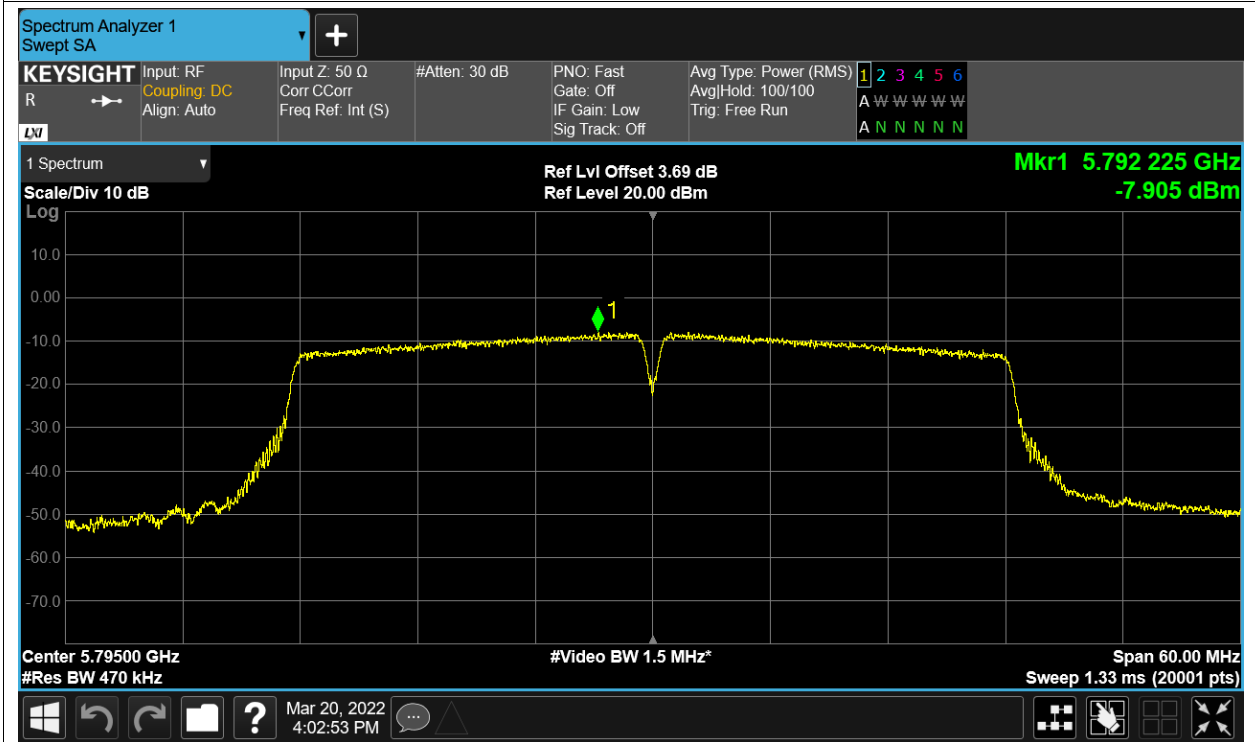
PSD NVNT ac20 5825MHz Ant1



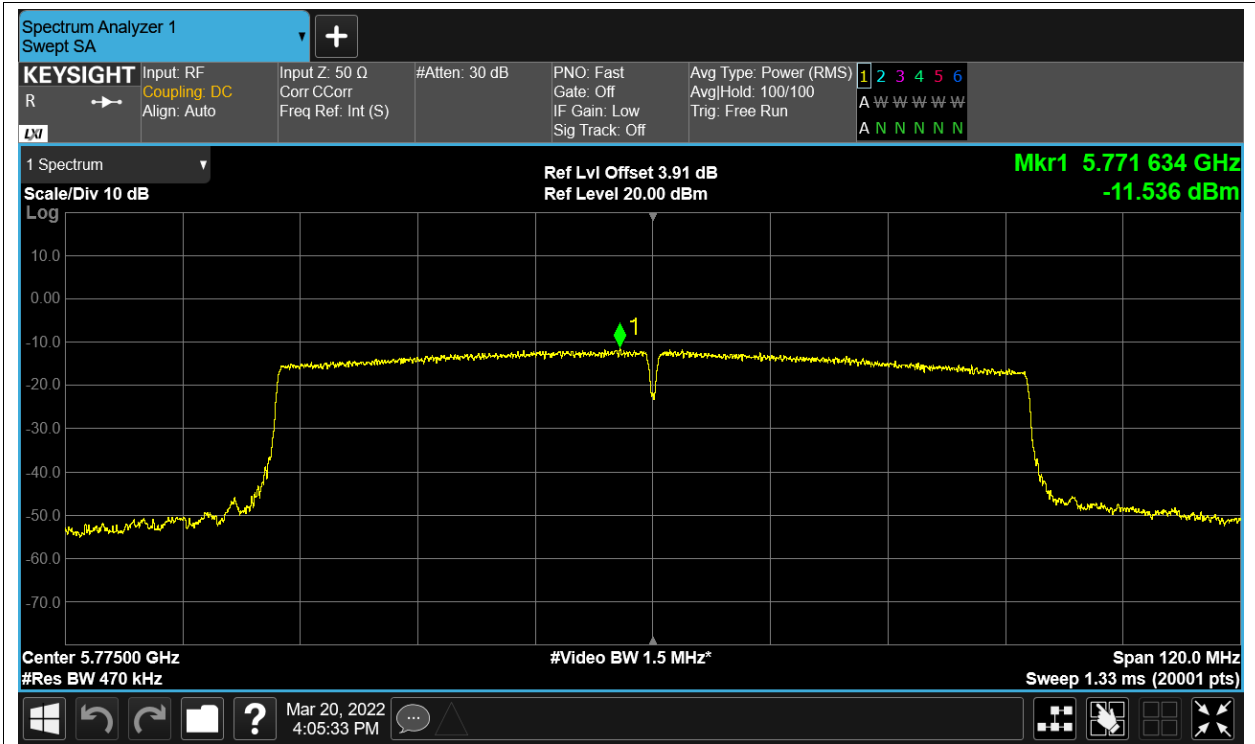
PSD NVNT ac40 5755MHz Ant1



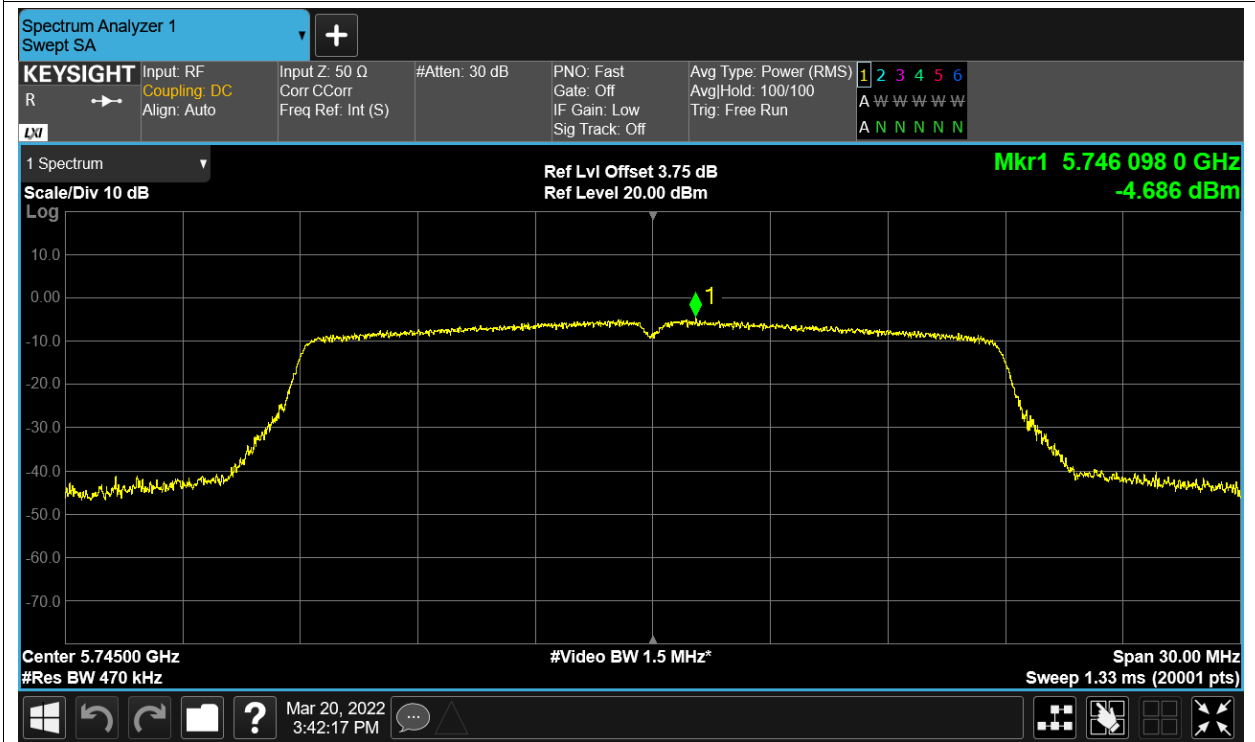
PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

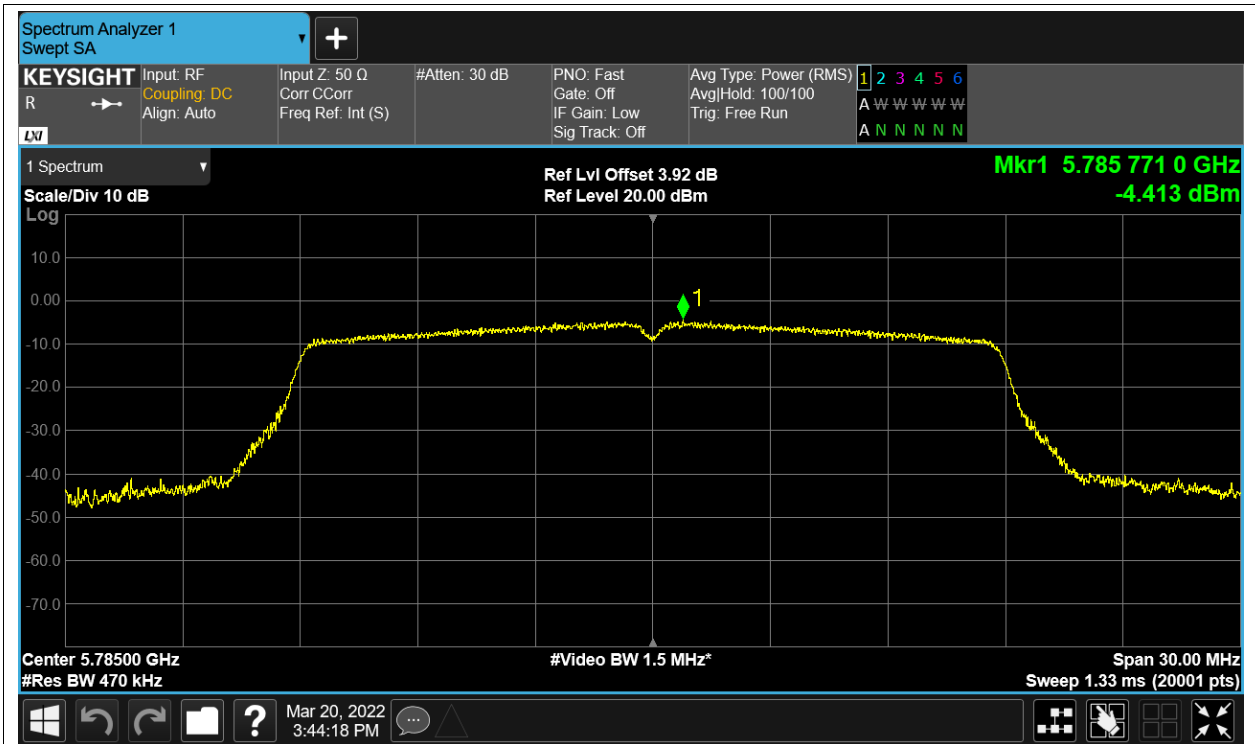


PSD NVNT n20 5745MHz Ant1

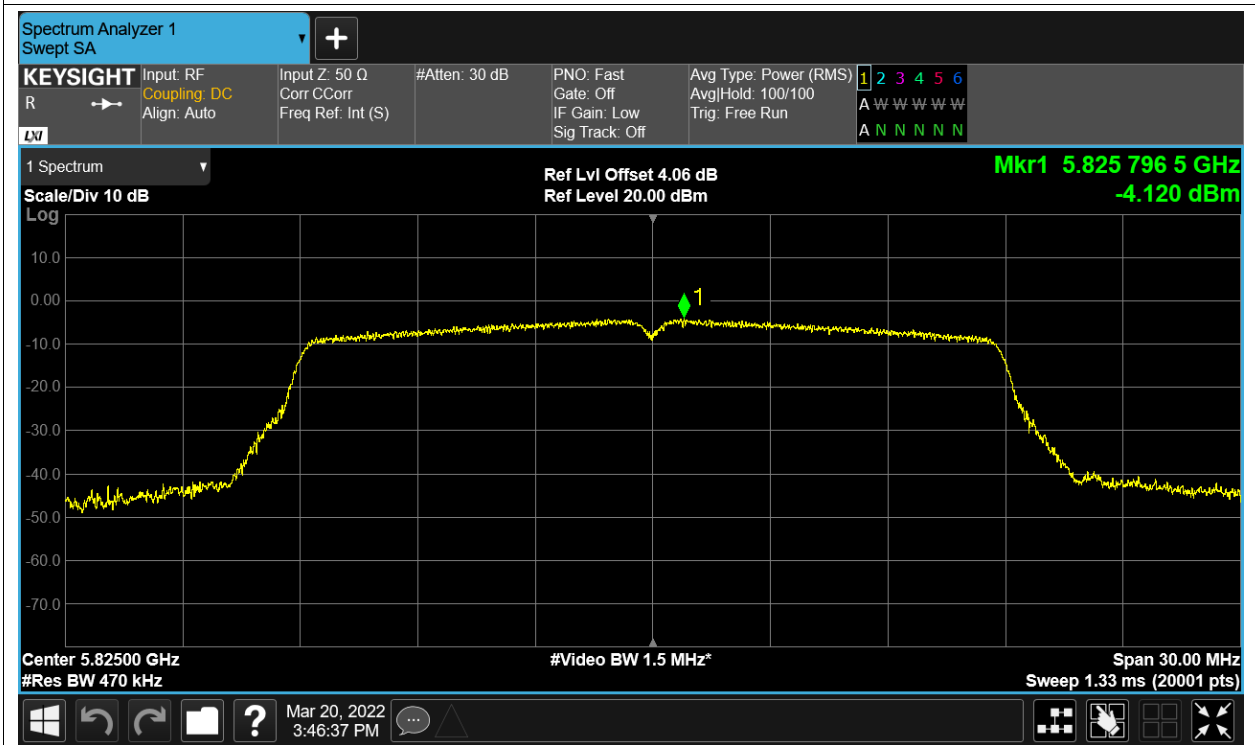


PSD NVNT n20 5785MHz Ant1

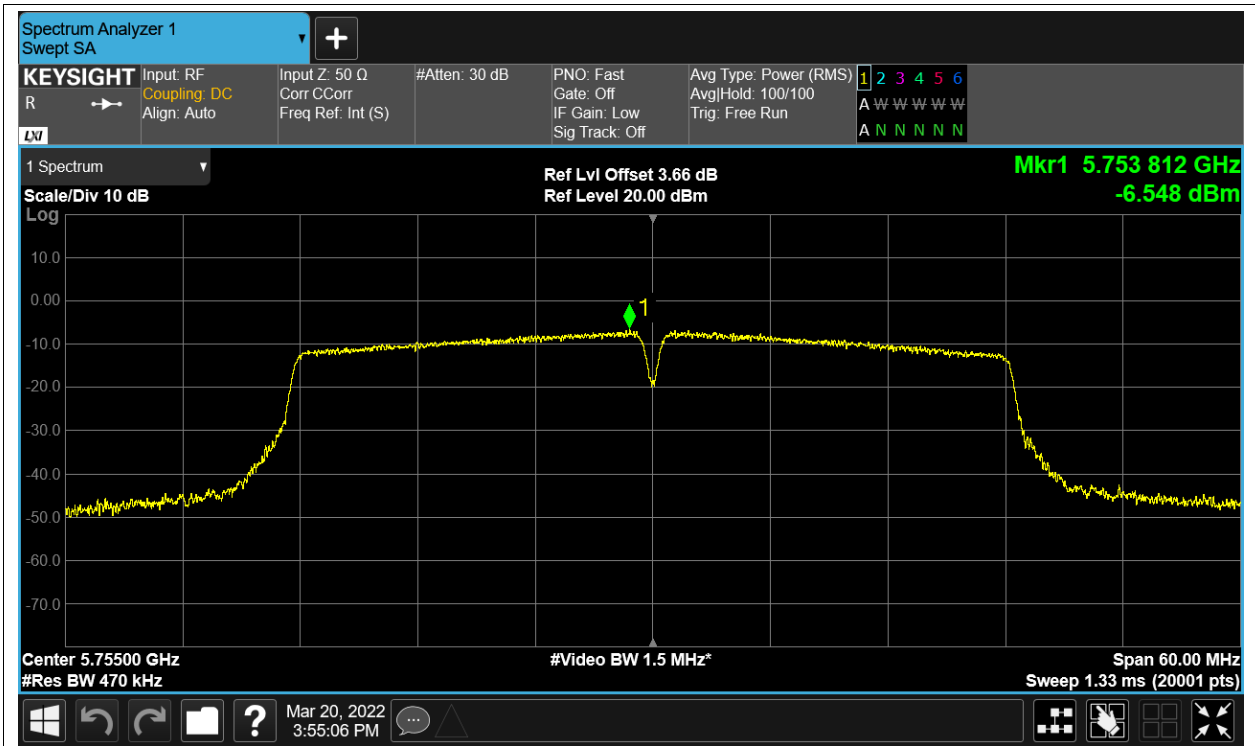




PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

