

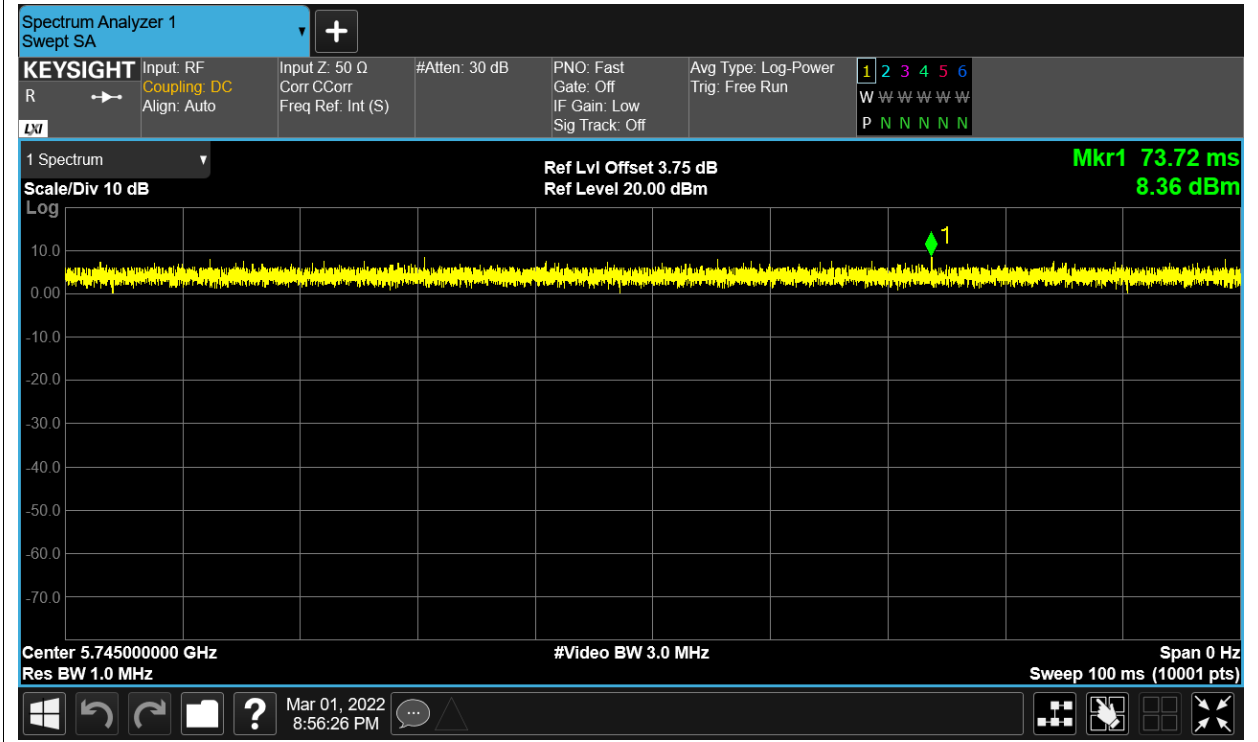
## Test Data

### Duty Cycle

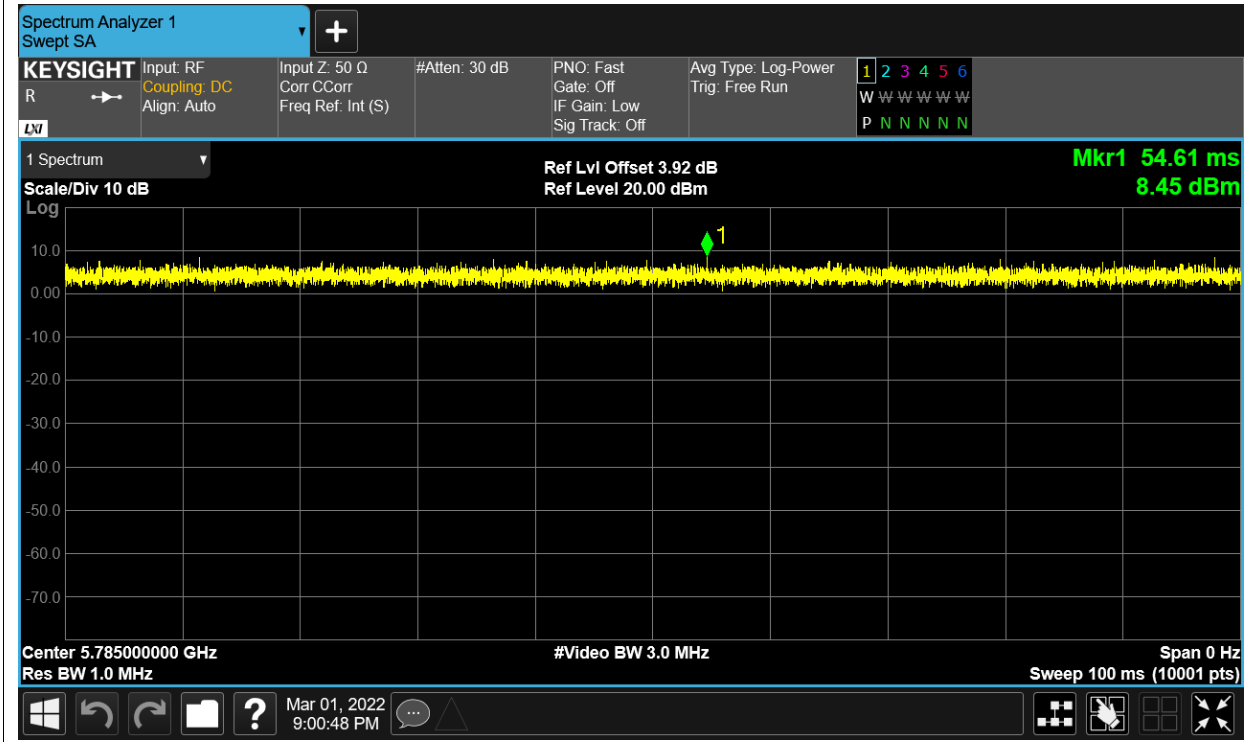
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0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

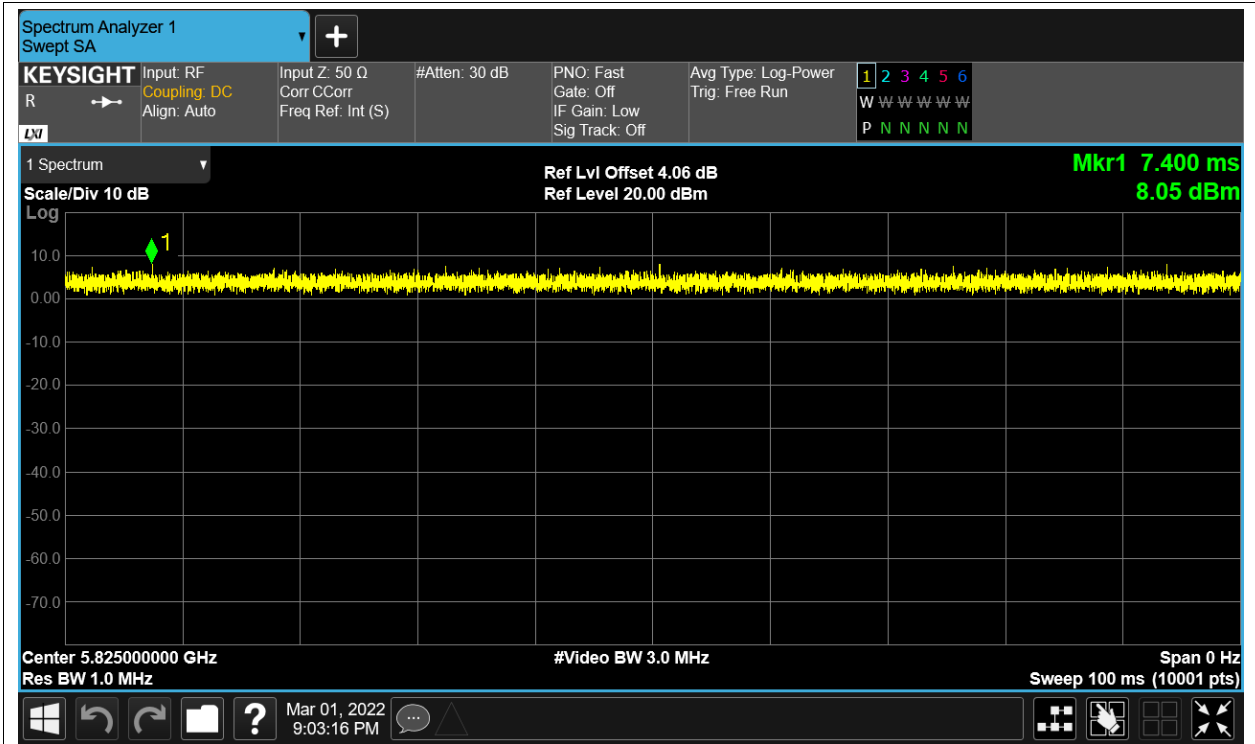
Duty Cycle NVNT a 5745MHz Ant1



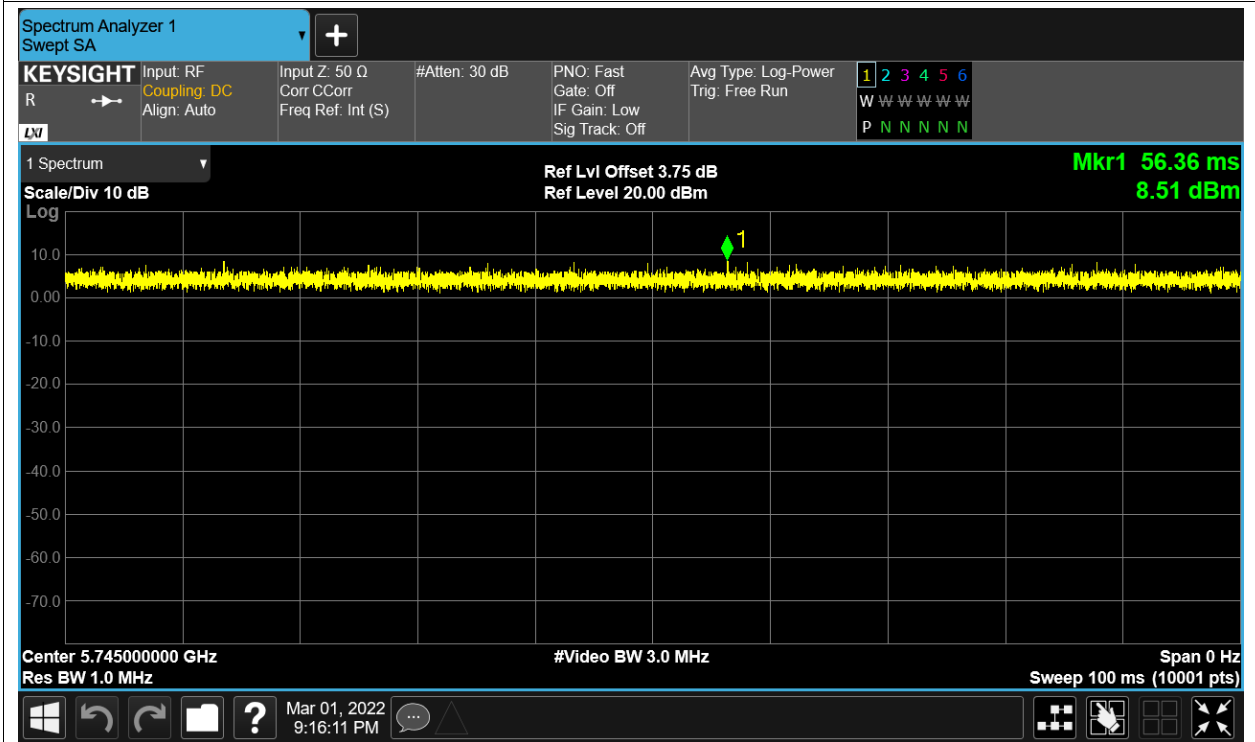
Duty Cycle NVNT a 5785MHz Ant1



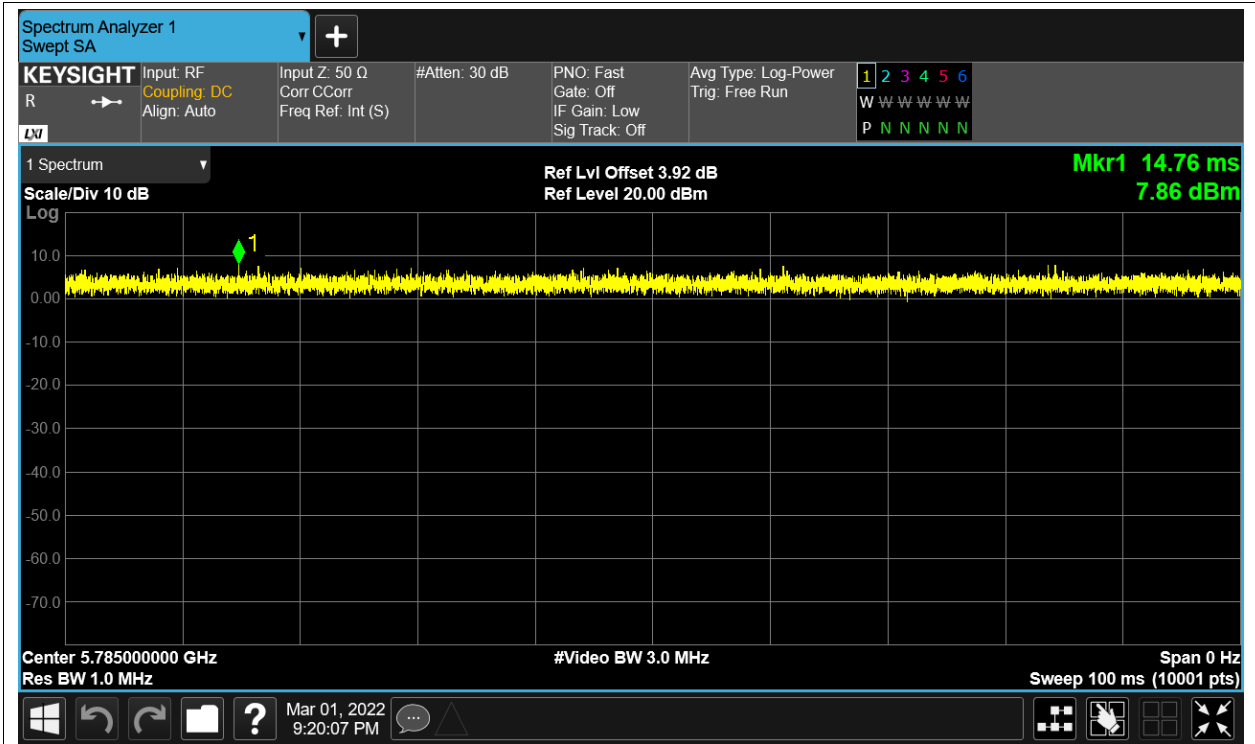
Duty Cycle NVNT a 5825MHz Ant1



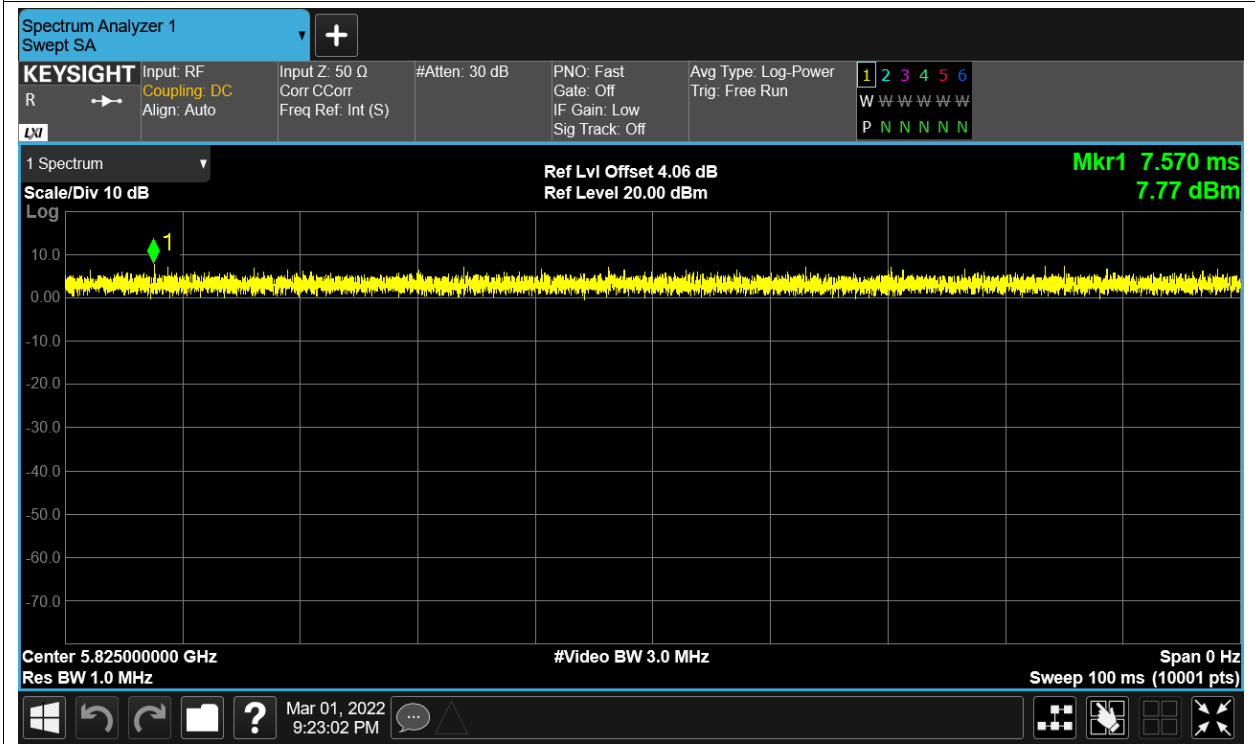
Duty Cycle NVNT ac20 5745MHz Ant1



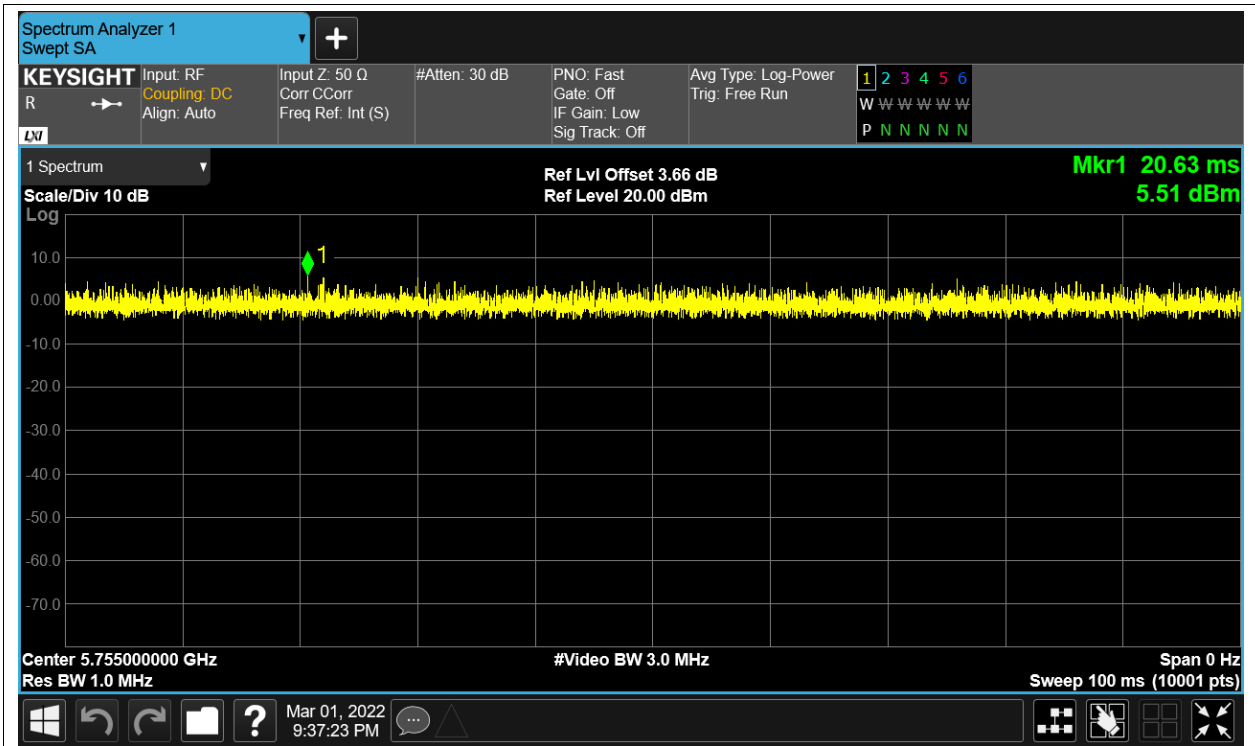
Duty Cycle NVNT ac20 5785MHz Ant1



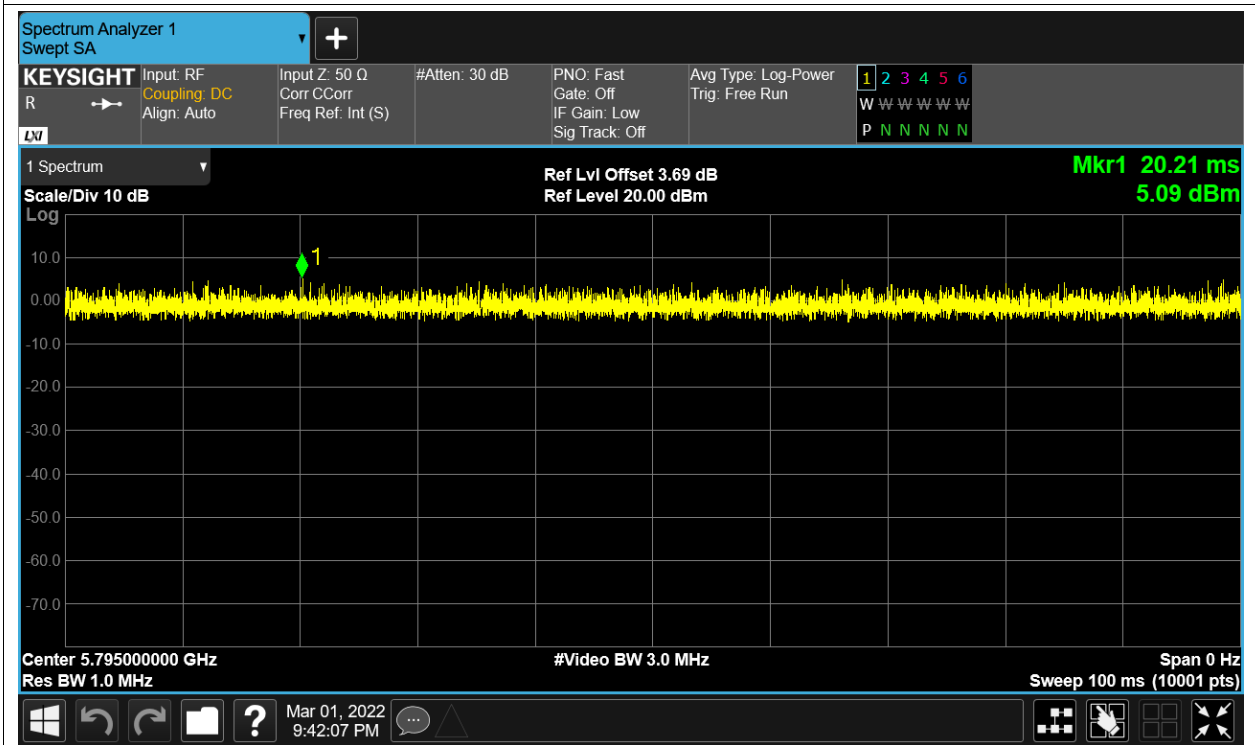
Duty Cycle NVNT ac20 5825MHz Ant1



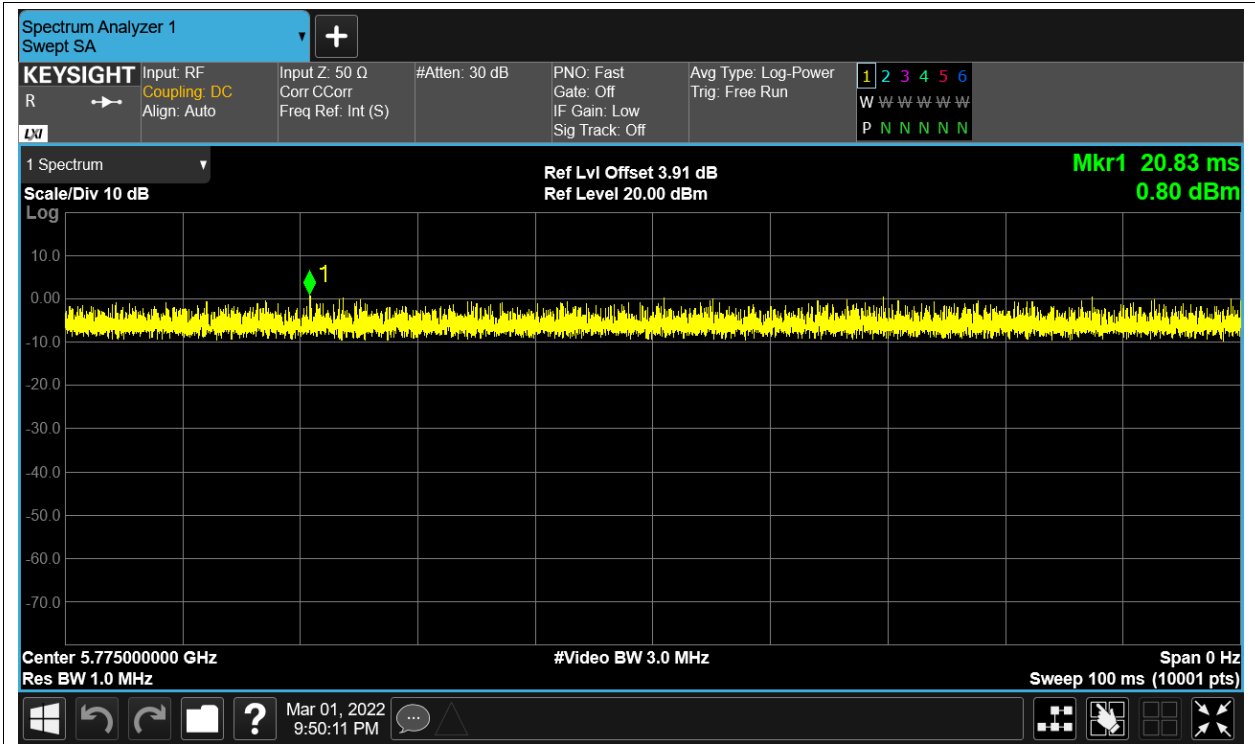
Duty Cycle NVNT ac40 5755MHz Ant1



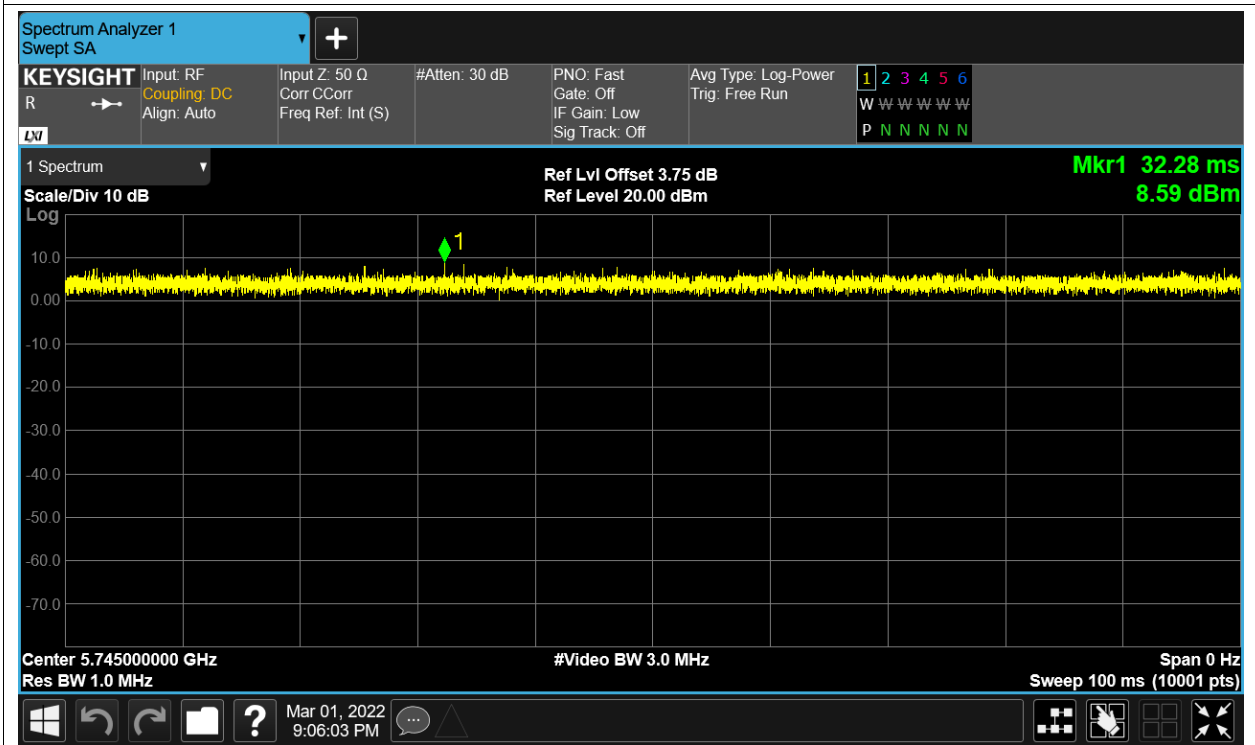
Duty Cycle NVNT ac40 5795MHz Ant1



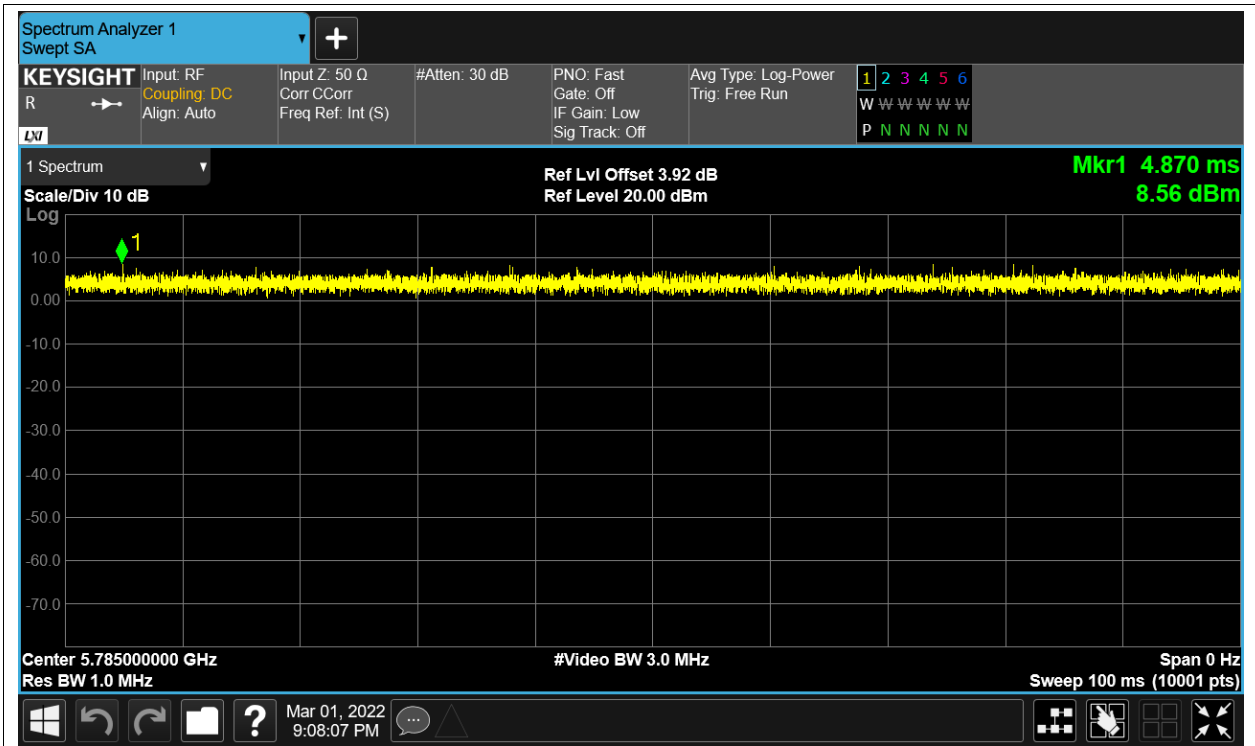
Duty Cycle NVNT ac80 5775MHz Ant1



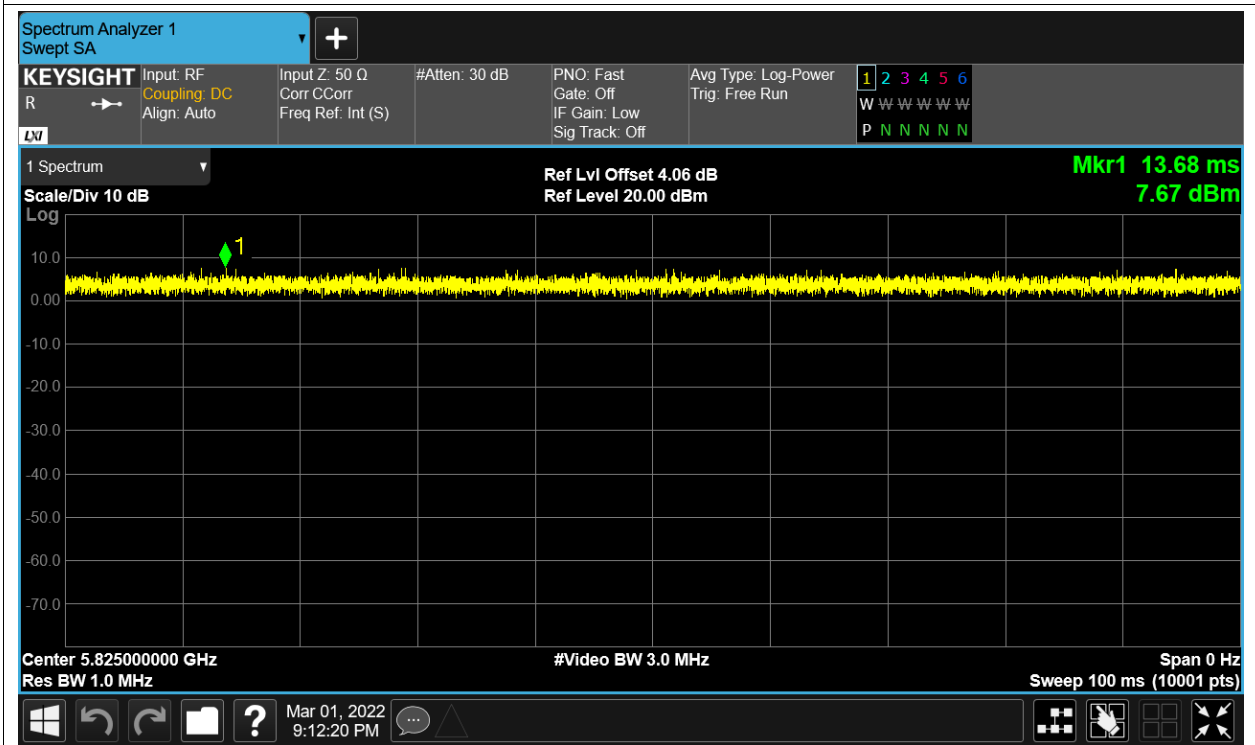
Duty Cycle NVNT n20 5745MHz Ant1



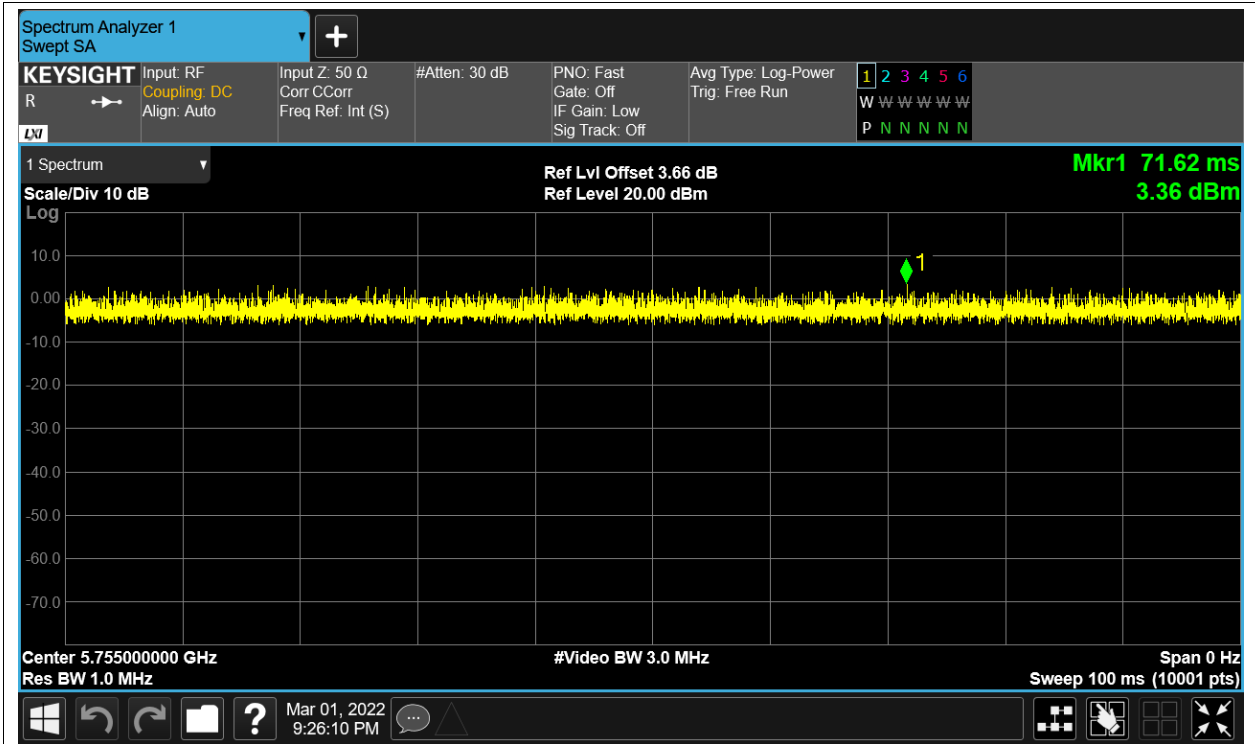
Duty Cycle NVNT n20 5785MHz Ant1



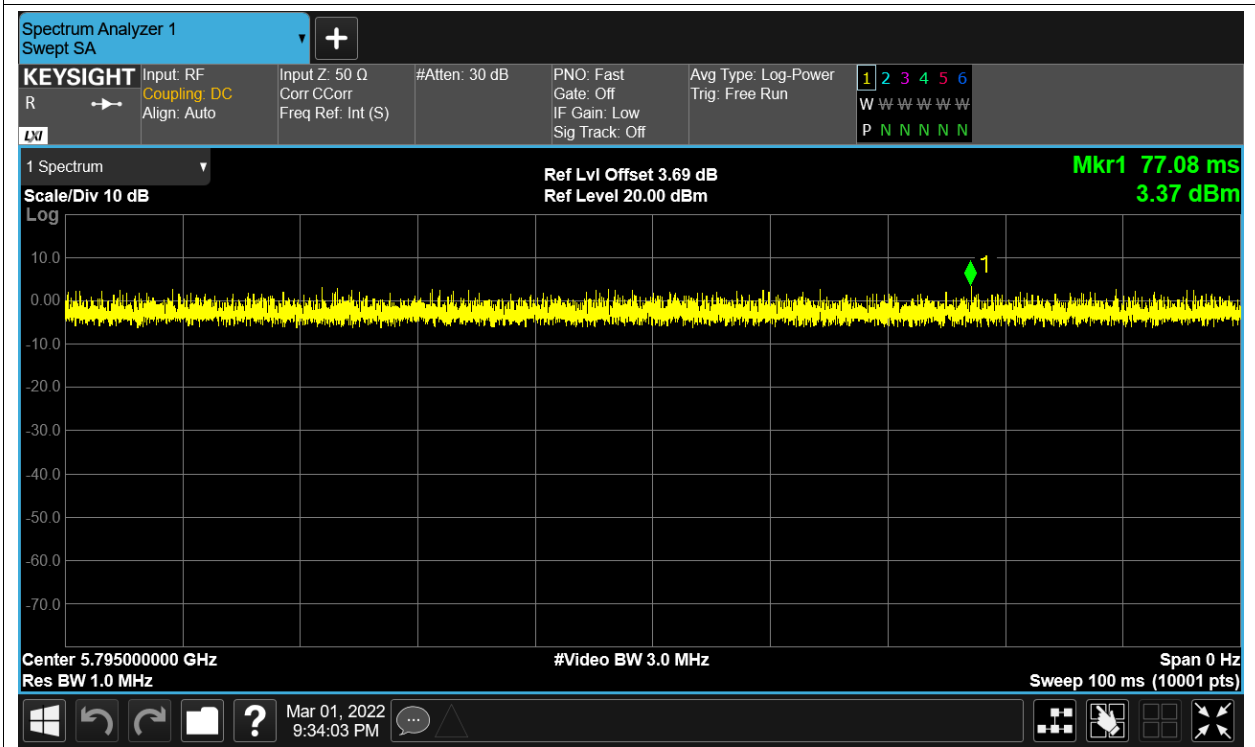
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



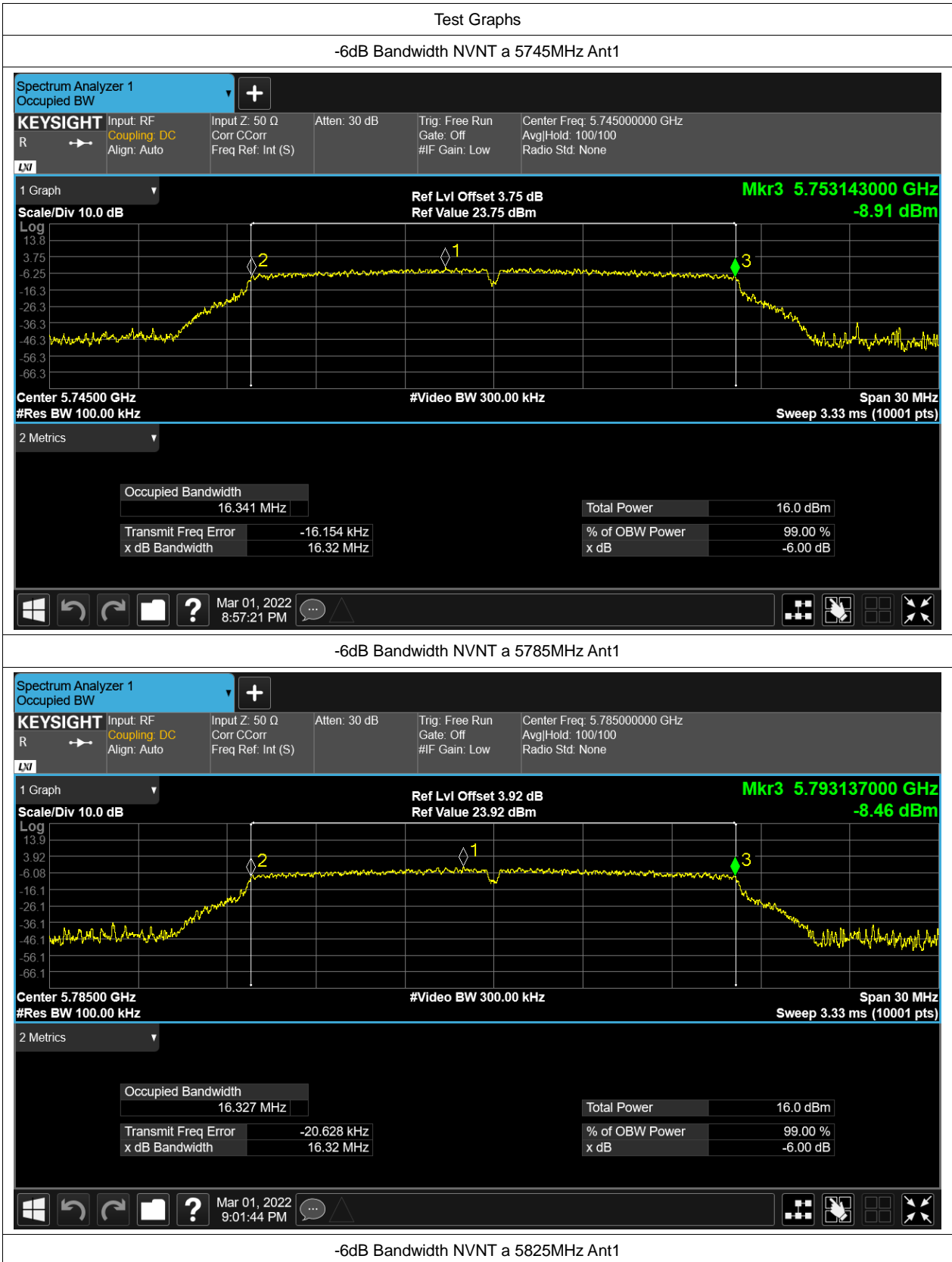


## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.07	0	11.07	30	Pass
NVNT	a	5785	Ant1	11.16	0	11.16	30	Pass
NVNT	a	5825	Ant1	10.59	0	10.59	30	Pass
NVNT	ac20	5745	Ant1	11.13	0	11.13	30	Pass
NVNT	ac20	5785	Ant1	10.63	0	10.63	30	Pass
NVNT	ac20	5825	Ant1	10.21	0	10.21	30	Pass
NVNT	ac40	5755	Ant1	12.45	0	12.45	30	Pass
NVNT	ac40	5795	Ant1	12.71	0	12.71	30	Pass
NVNT	ac80	5775	Ant1	10.63	0	10.63	30	Pass
NVNT	n20	5745	Ant1	10.98	0	10.98	30	Pass
NVNT	n20	5785	Ant1	10.24	0	10.24	30	Pass
NVNT	n20	5825	Ant1	10.81	0	10.81	30	Pass
NVNT	n40	5755	Ant1	10.92	0	10.92	30	Pass
NVNT	n40	5795	Ant1	11.26	0	11.26	30	Pass

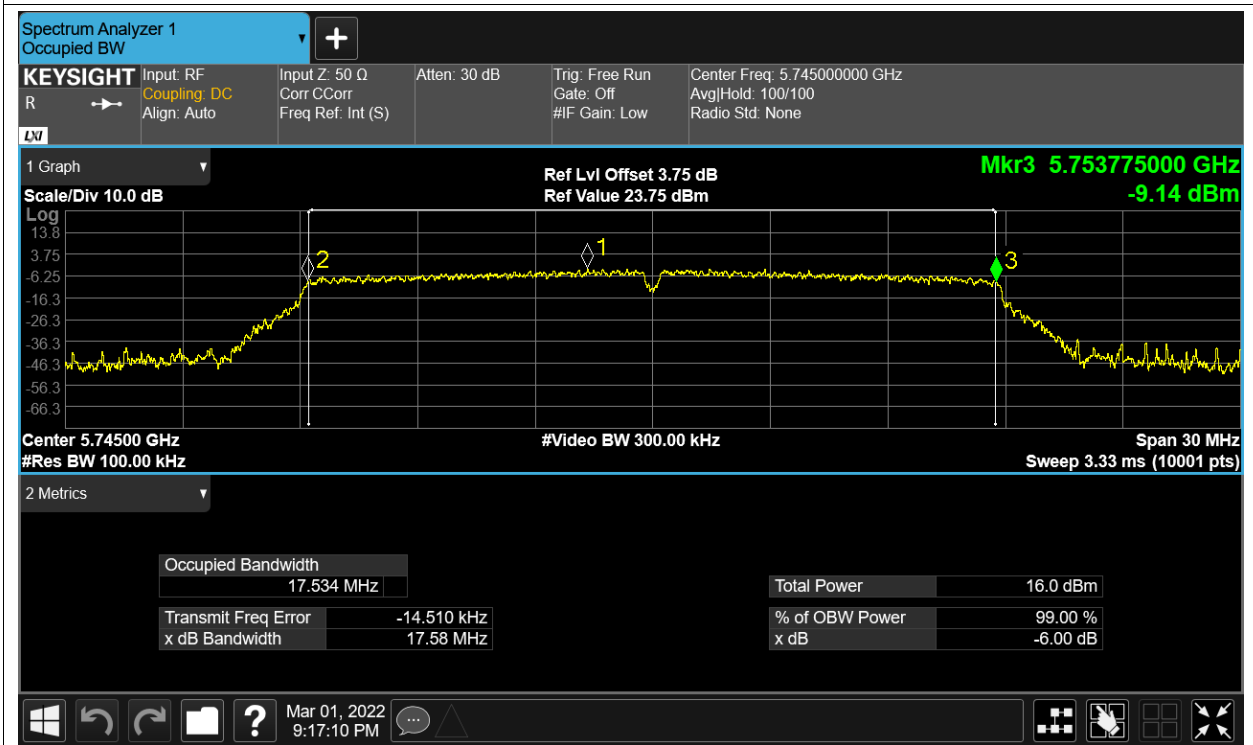
## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.319	0.5	Pass
NVNT	a	5785	Ant1	16.316	0.5	Pass
NVNT	a	5825	Ant1	16.311	0.5	Pass
NVNT	ac20	5745	Ant1	17.579	0.5	Pass
NVNT	ac20	5785	Ant1	17.573	0.5	Pass
NVNT	ac20	5825	Ant1	17.581	0.5	Pass
NVNT	ac40	5755	Ant1	36.091	0.5	Pass
NVNT	ac40	5795	Ant1	36.301	0.5	Pass
NVNT	ac80	5775	Ant1	75.679	0.5	Pass
NVNT	n20	5745	Ant1	17.583	0.5	Pass
NVNT	n20	5785	Ant1	17.568	0.5	Pass
NVNT	n20	5825	Ant1	17.58	0.5	Pass
NVNT	n40	5755	Ant1	36.298	0.5	Pass
NVNT	n40	5795	Ant1	36.307	0.5	Pass

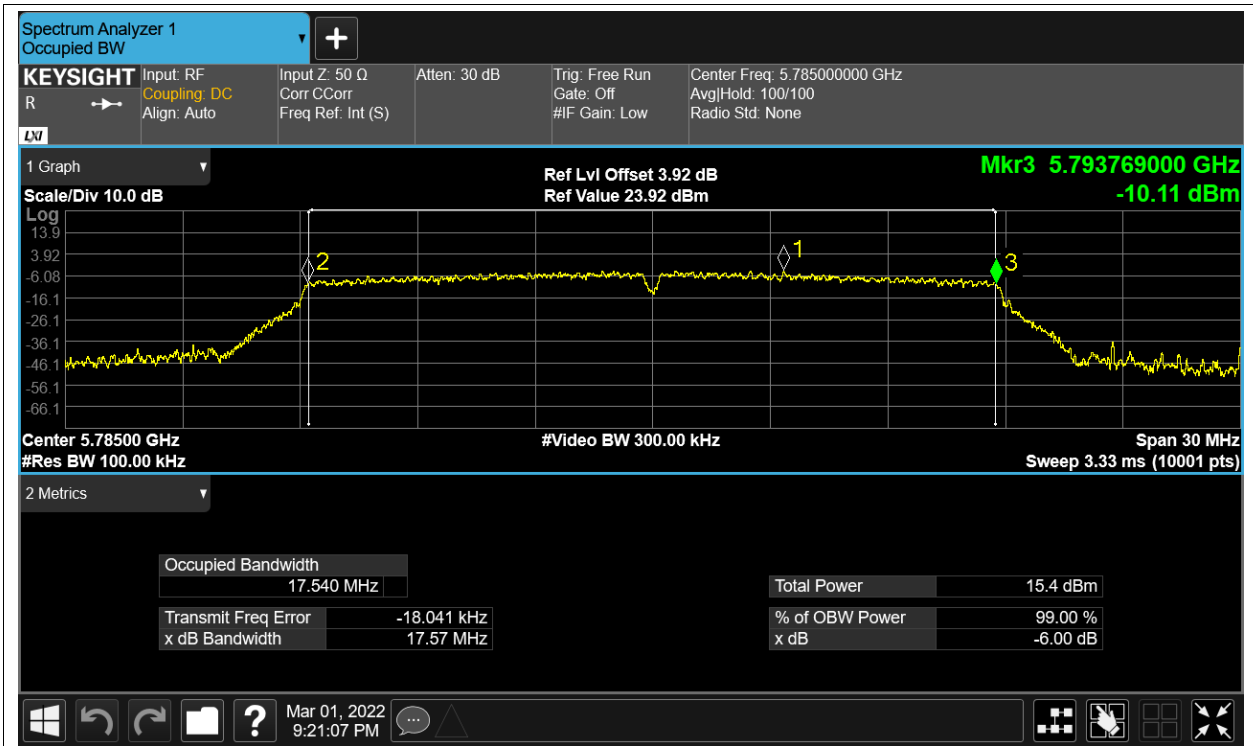




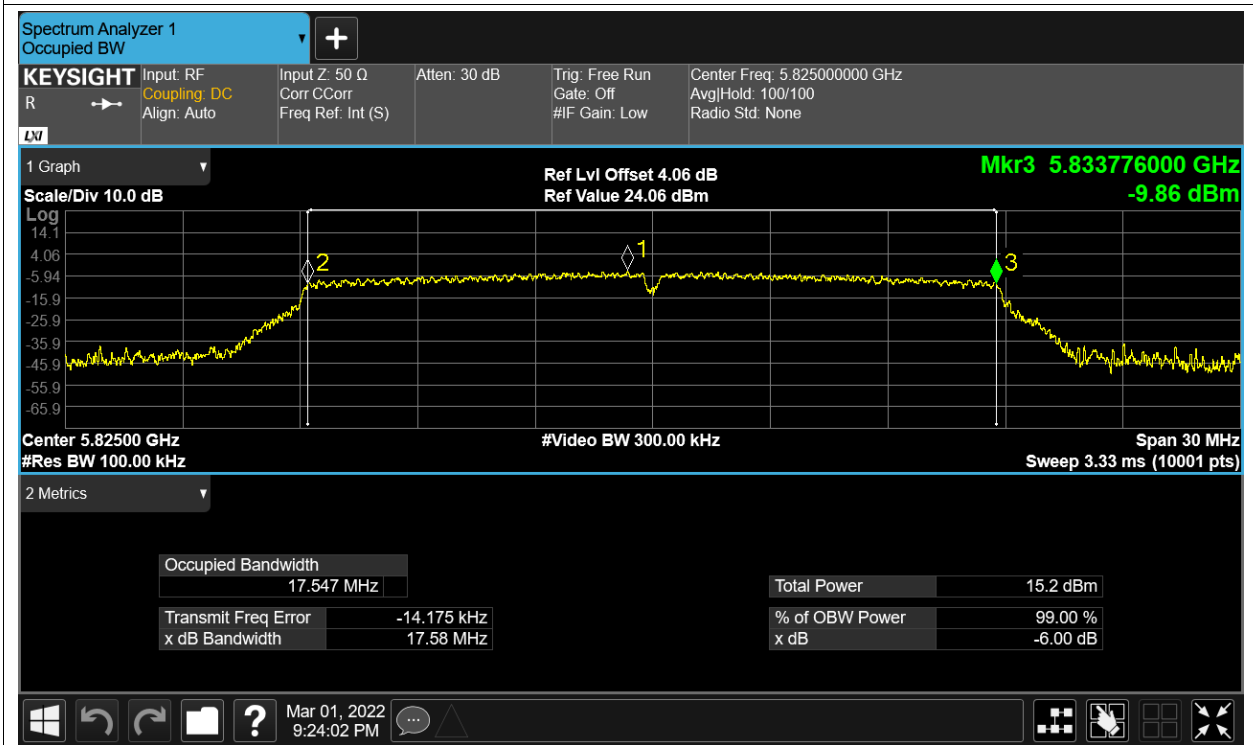
-6dB Bandwidth NVNT ac20 5745MHz Ant1



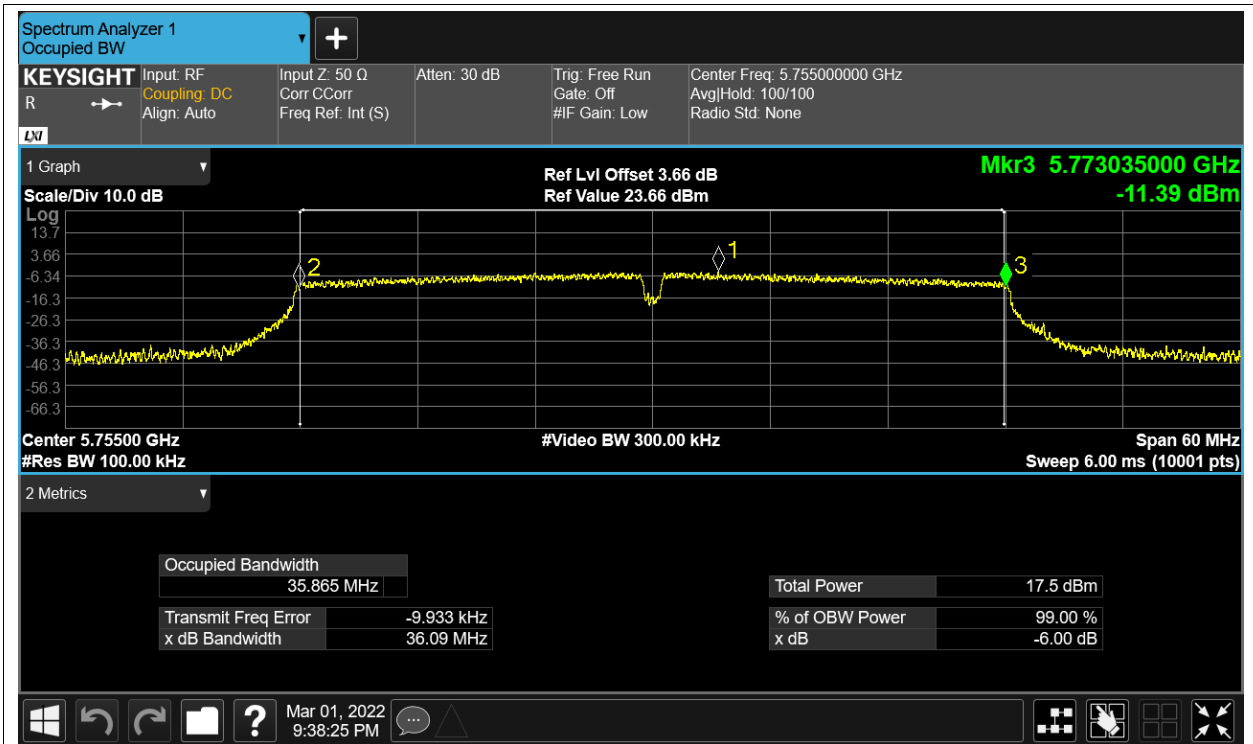
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



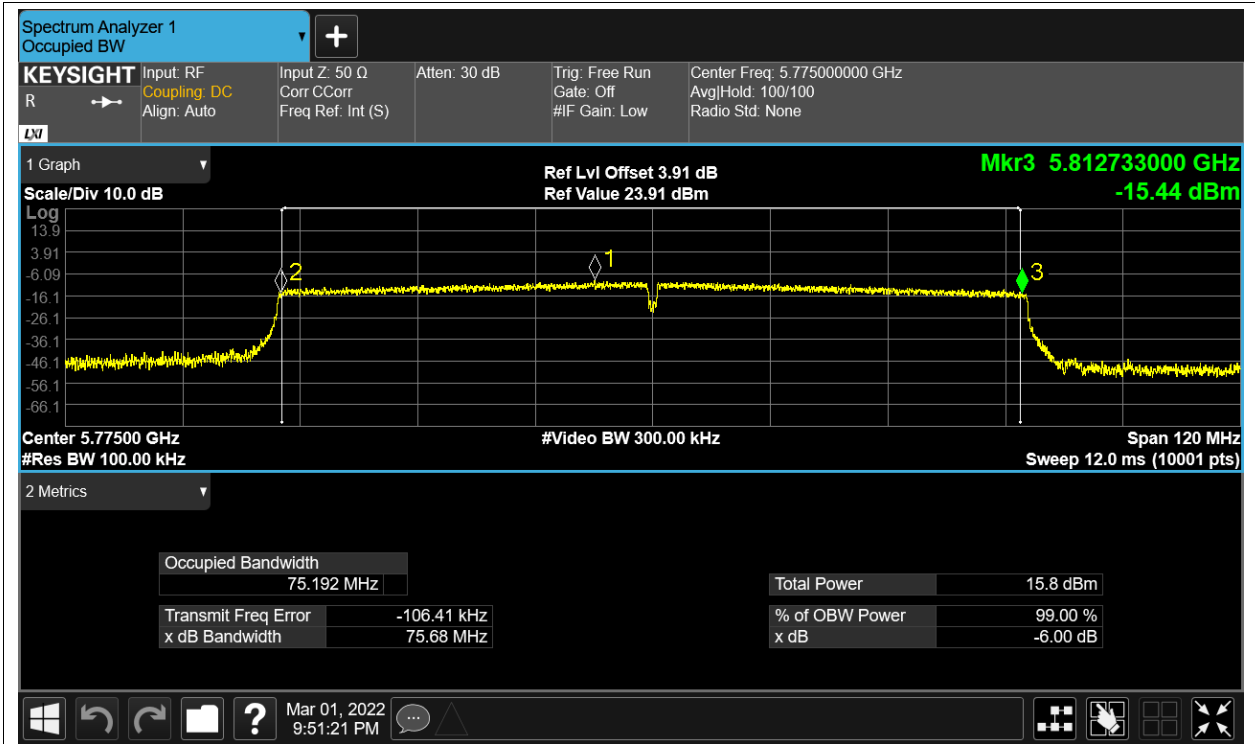
-6dB Bandwidth NVNT ac40 5755MHz Ant1



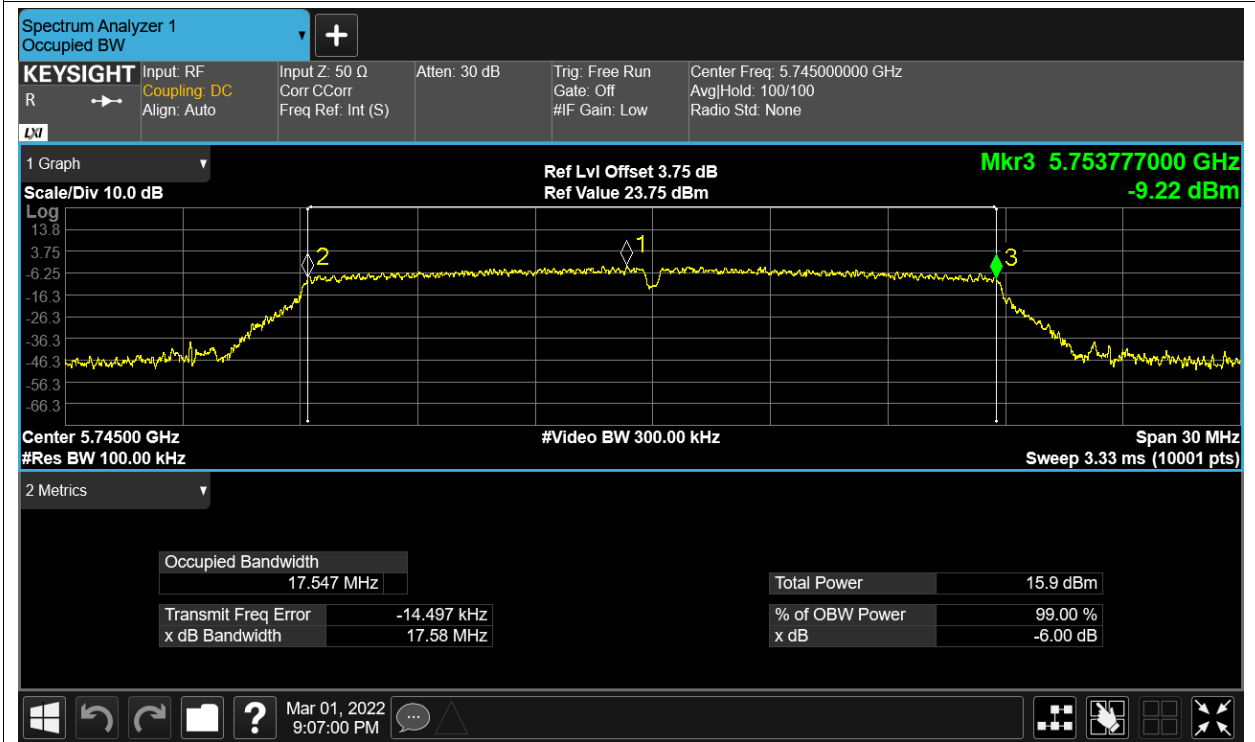
-6dB Bandwidth NVNT ac40 5795MHz Ant1



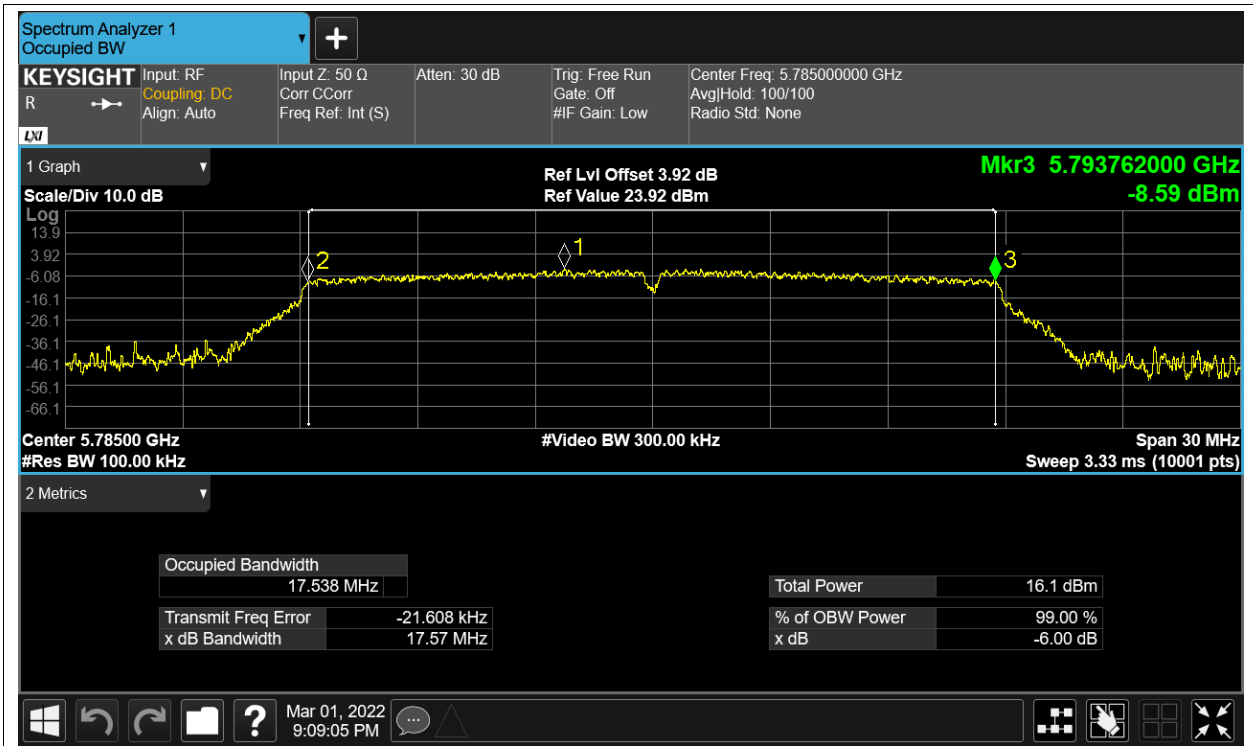
-6dB Bandwidth NVNT ac80 5775MHz Ant1



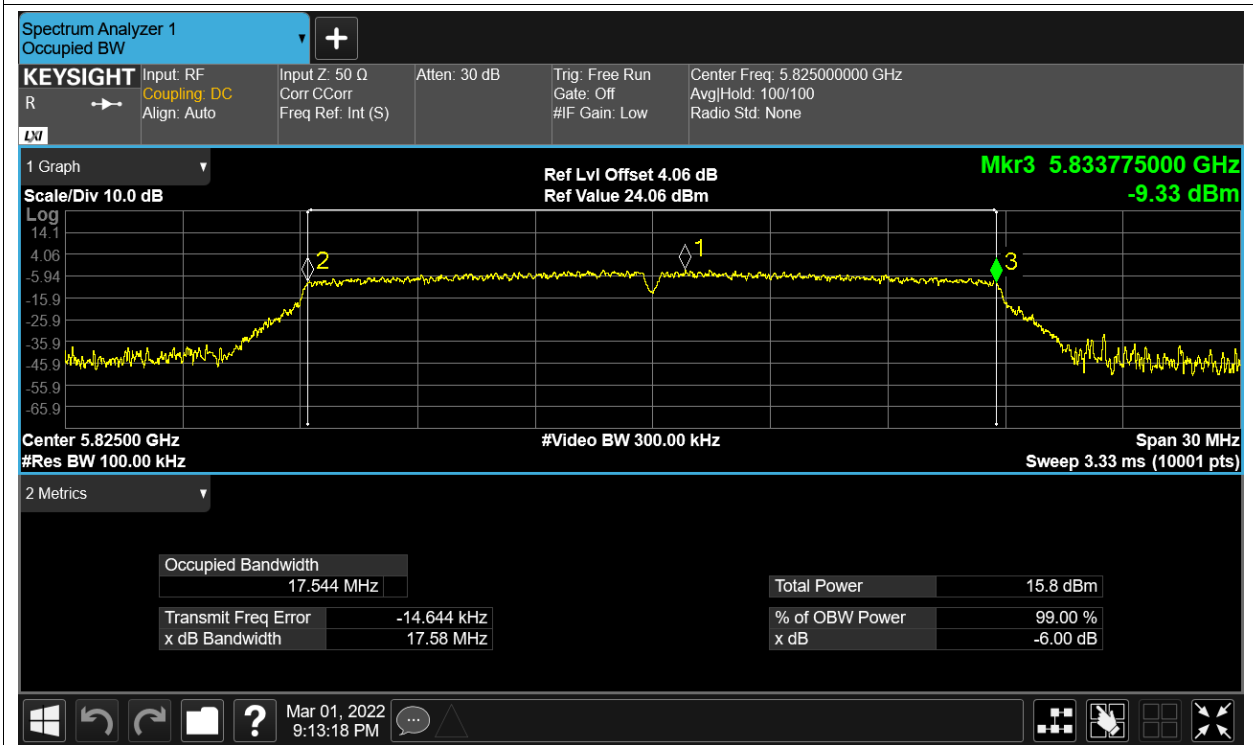
-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1

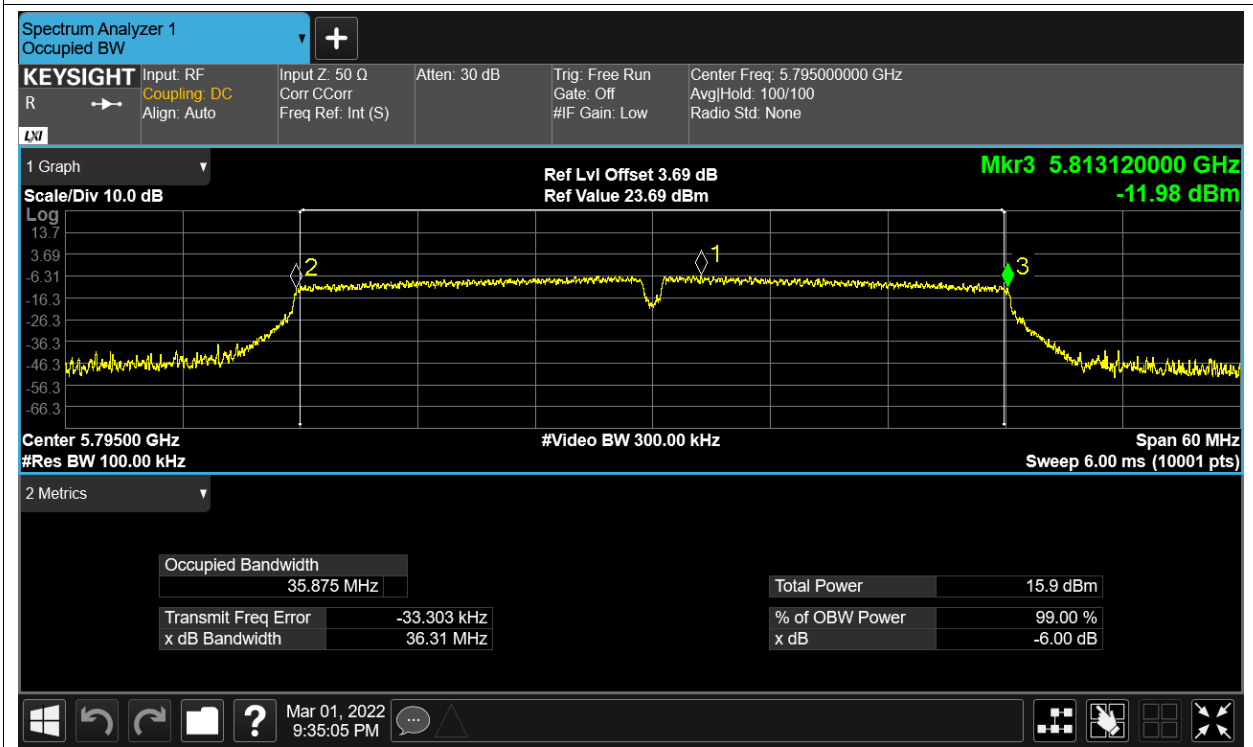


-6dB Bandwidth NVNT n40 5755MHz Ant1





-6dB Bandwidth NVNT n40 5795MHz Ant1

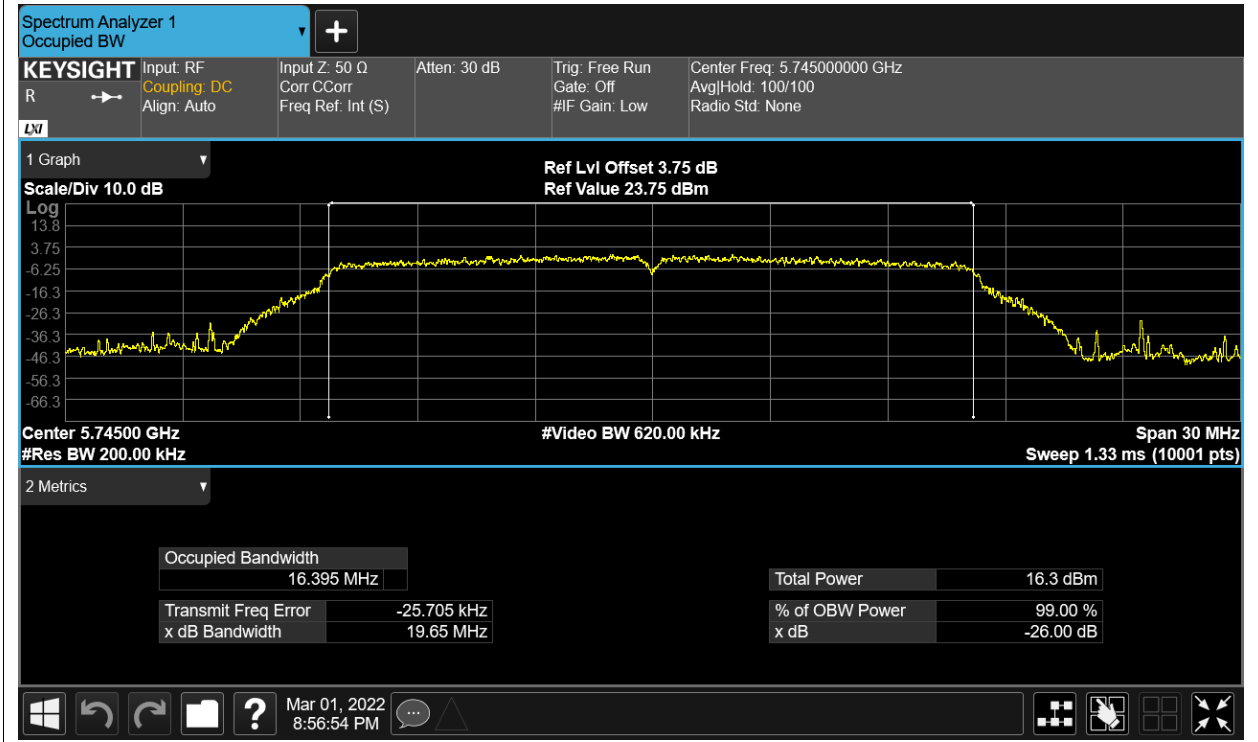


## Occupied Channel Bandwidth

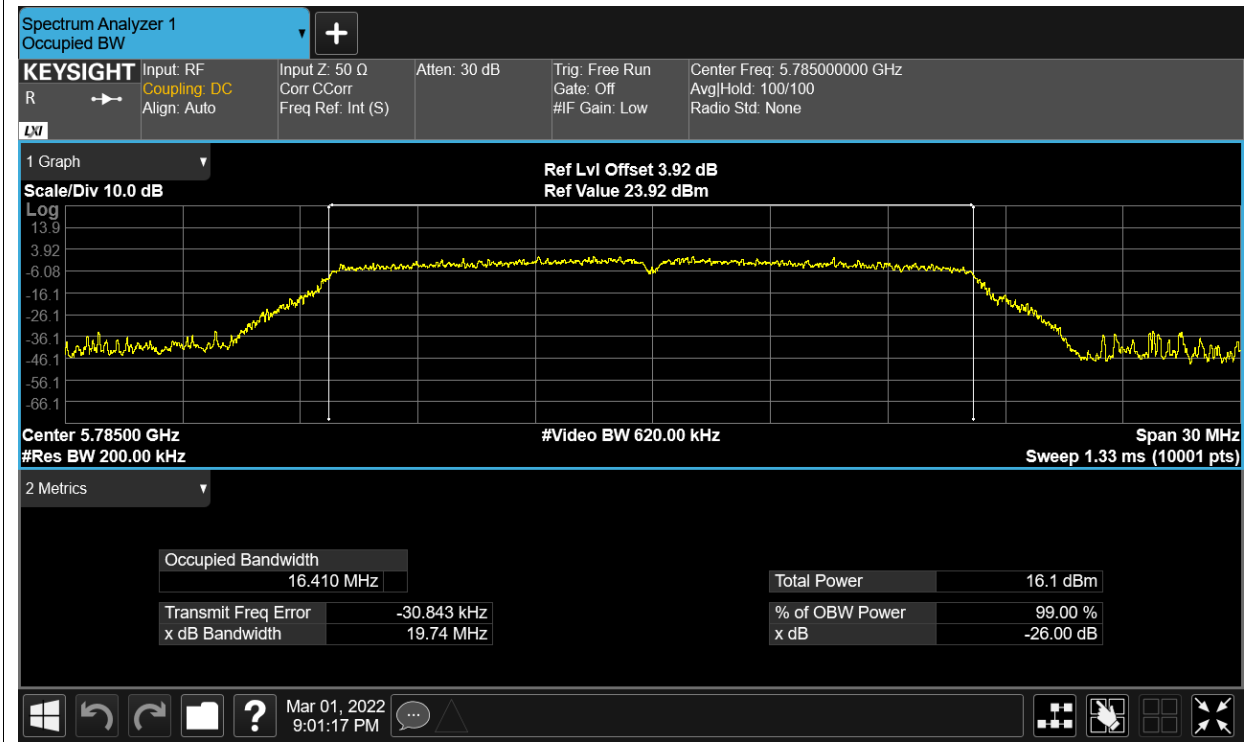
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.39485859
NVNT	a	5785	Ant1	16.41008674
NVNT	a	5825	Ant1	16.43897215
NVNT	ac20	5745	Ant1	17.5484225
NVNT	ac20	5785	Ant1	17.54659895
NVNT	ac20	5825	Ant1	17.54879669
NVNT	ac40	5755	Ant1	36.01736431
NVNT	ac40	5795	Ant1	35.94569502
NVNT	ac80	5775	Ant1	75.21519215
NVNT	n20	5745	Ant1	17.54648223
NVNT	n20	5785	Ant1	17.56905427
NVNT	n20	5825	Ant1	17.56876306
NVNT	n40	5755	Ant1	35.95968703
NVNT	n40	5795	Ant1	35.94194616

Test Graphs

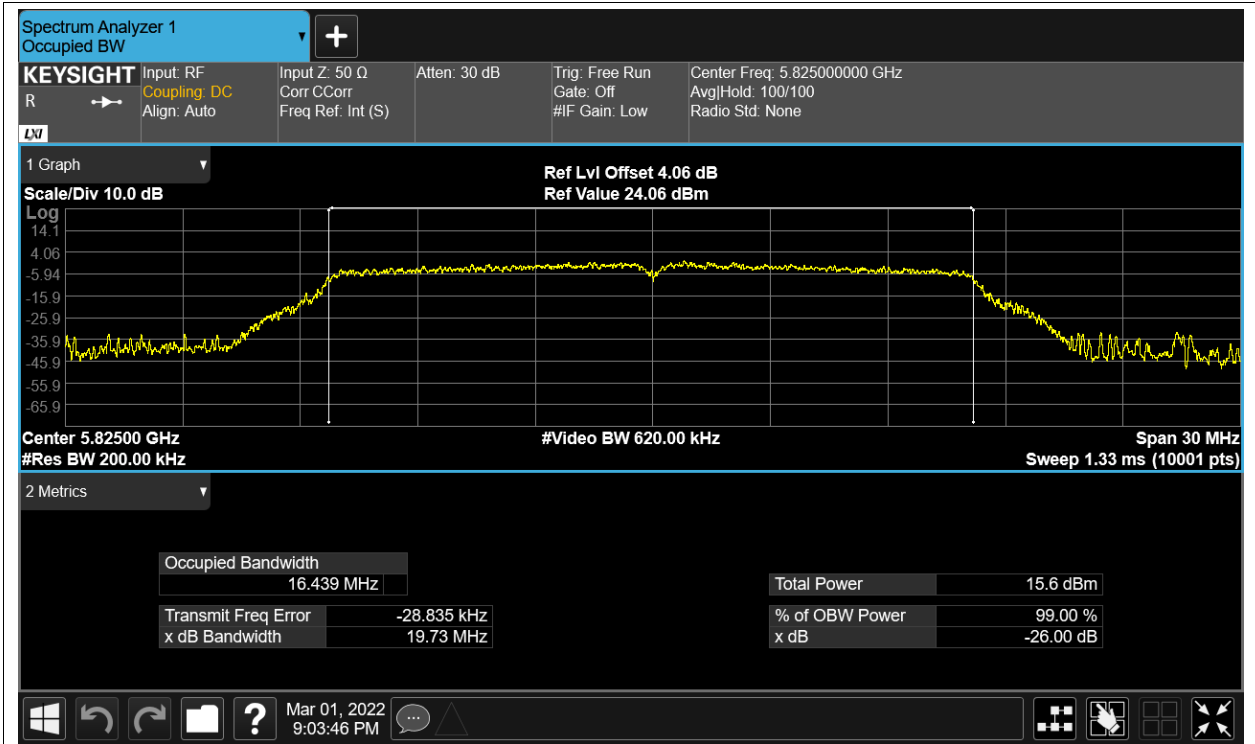
OBW NVNT a 5745MHz Ant1



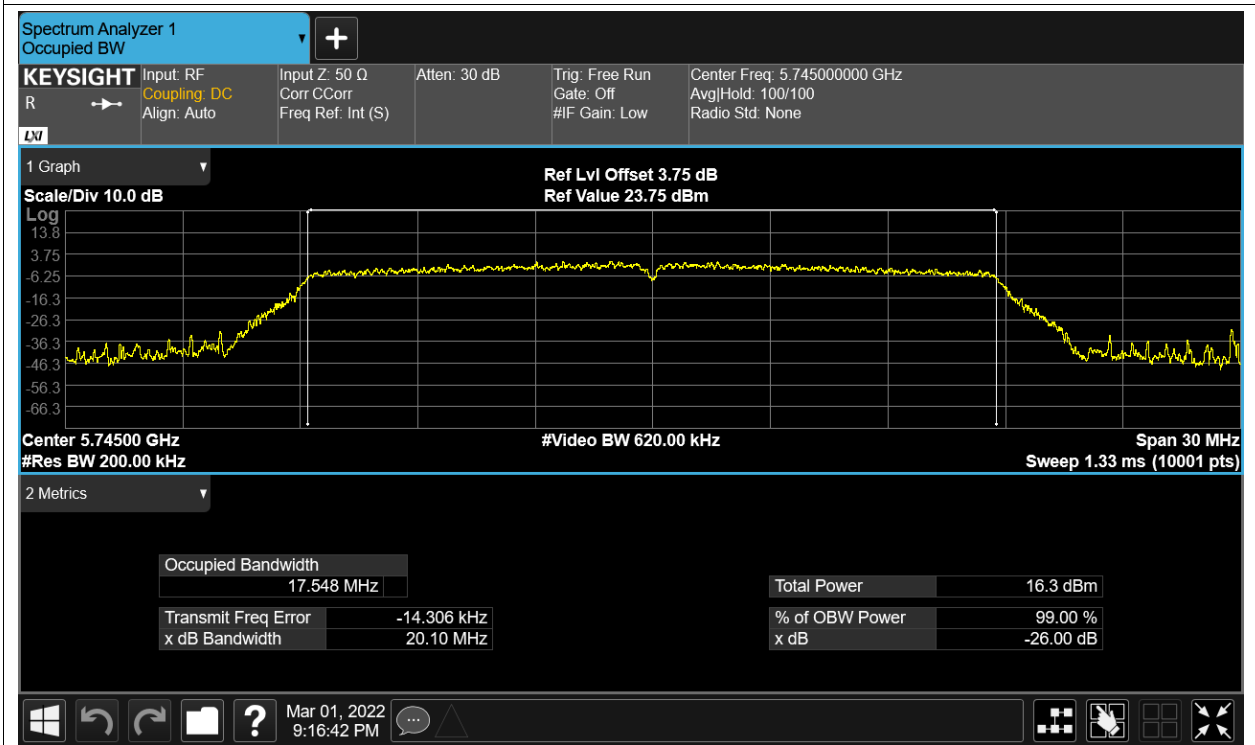
OBW NVNT a 5785MHz Ant1



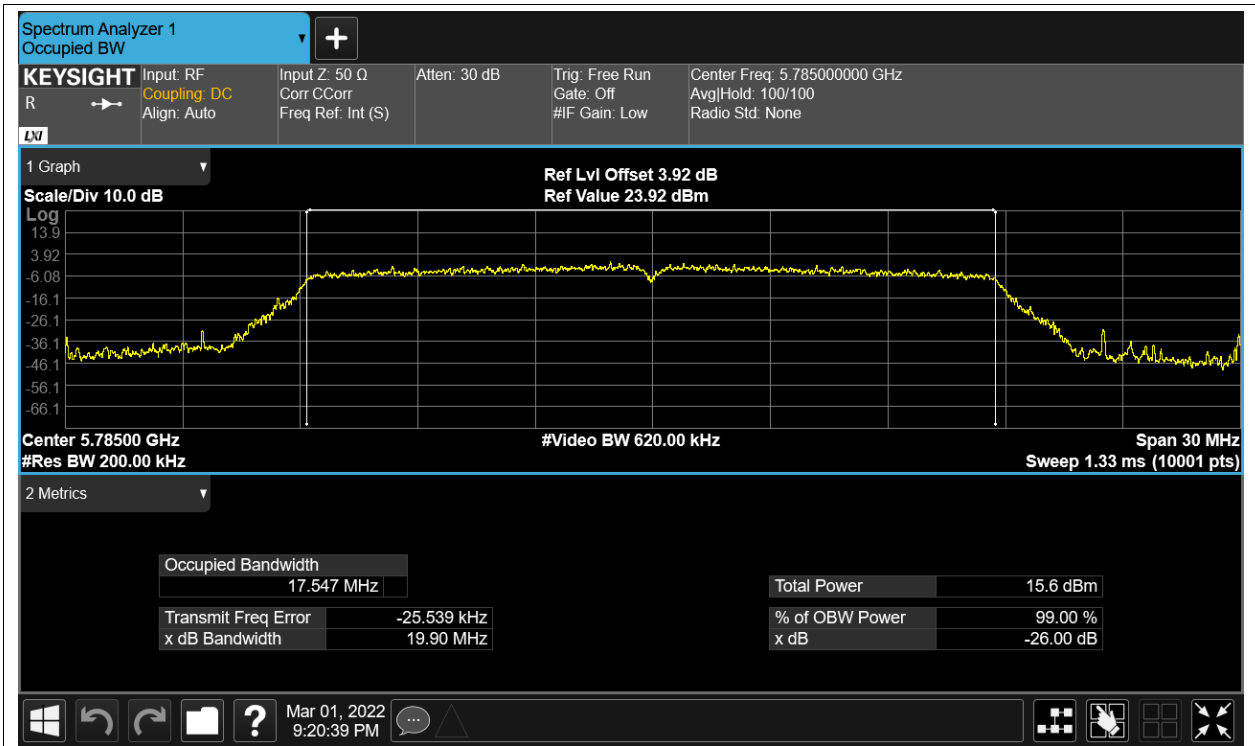
OBW NVNT a 5825MHz Ant1



OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1



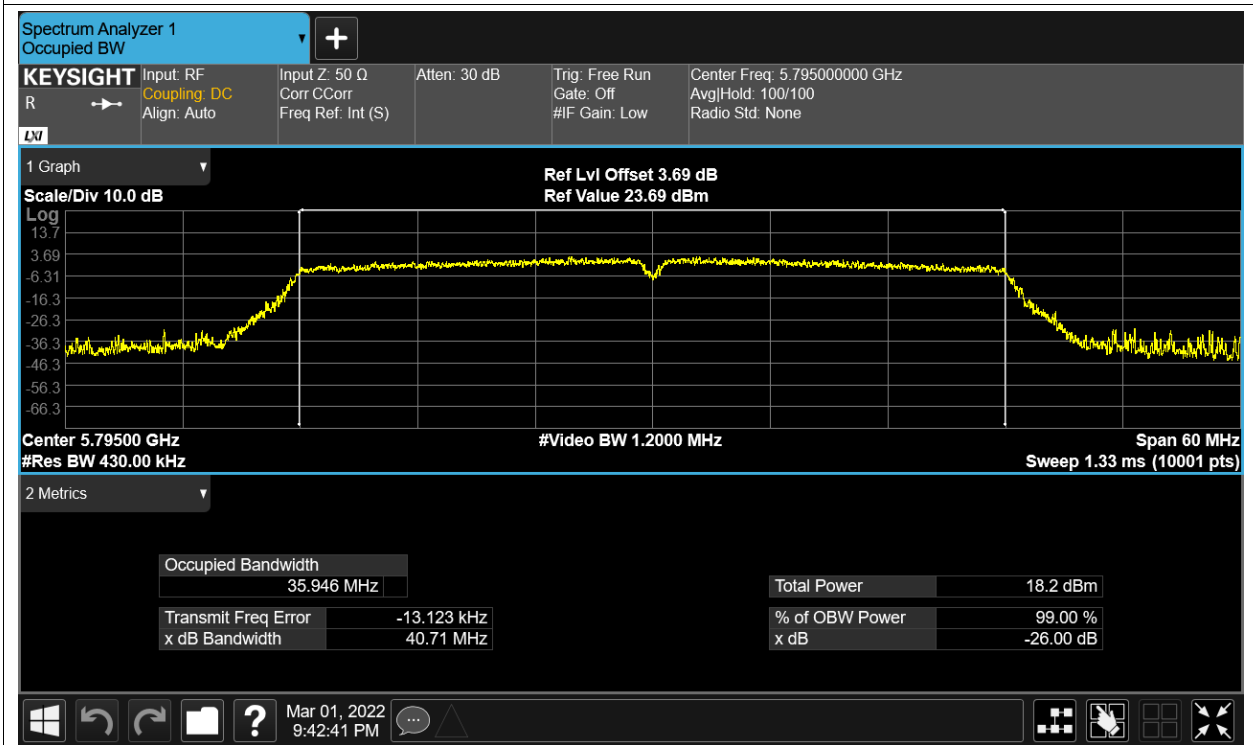
OBW NVNT ac20 5825MHz Ant1



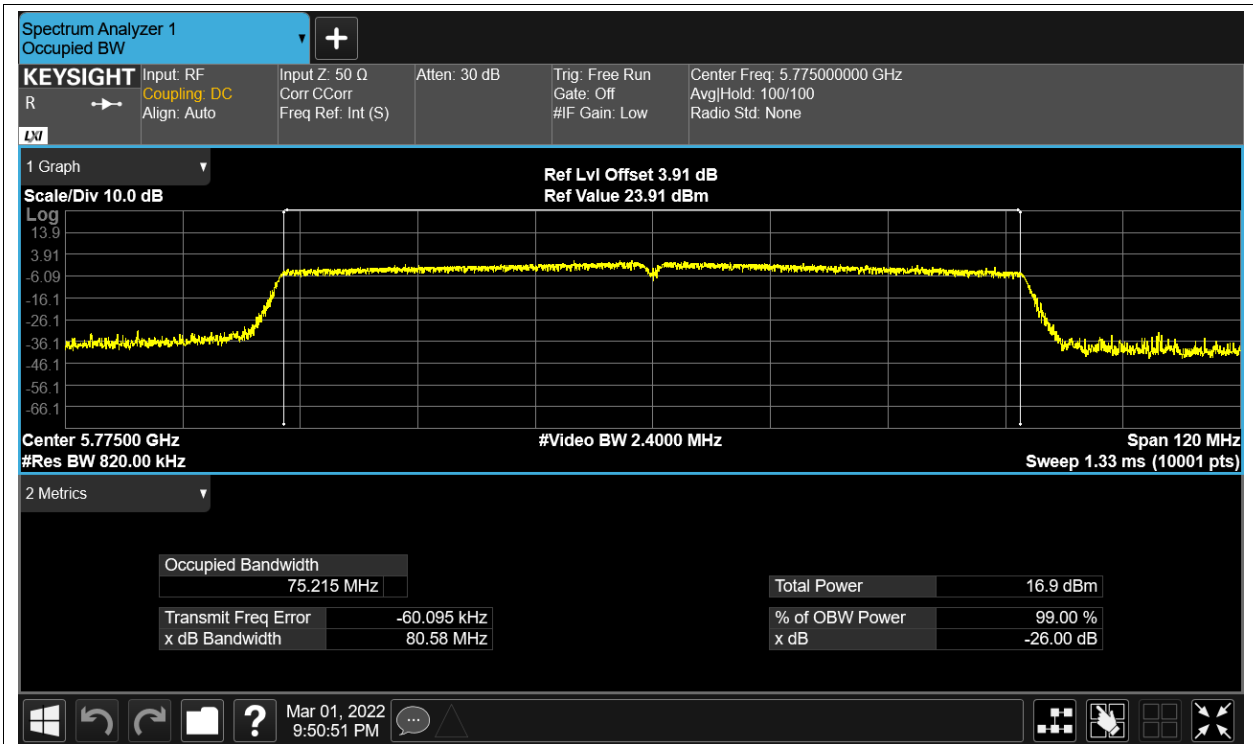
OBW NVNT ac40 5755MHz Ant1



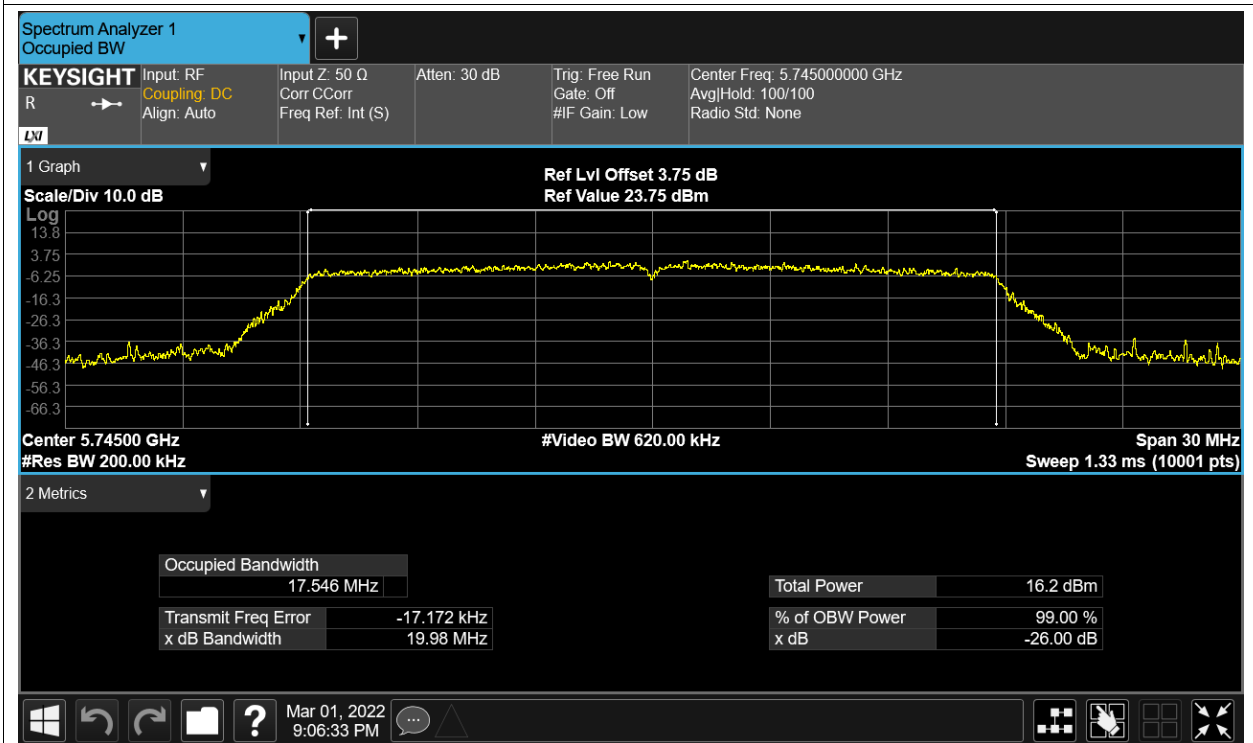
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1



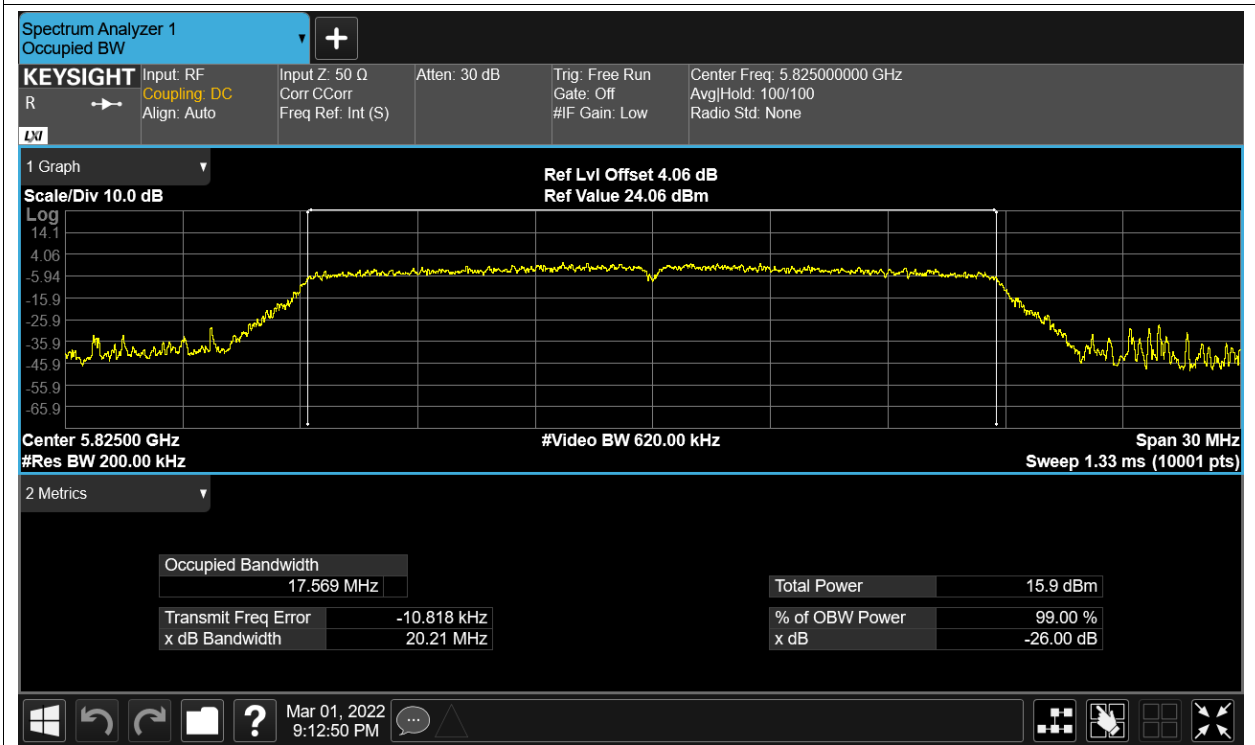
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1

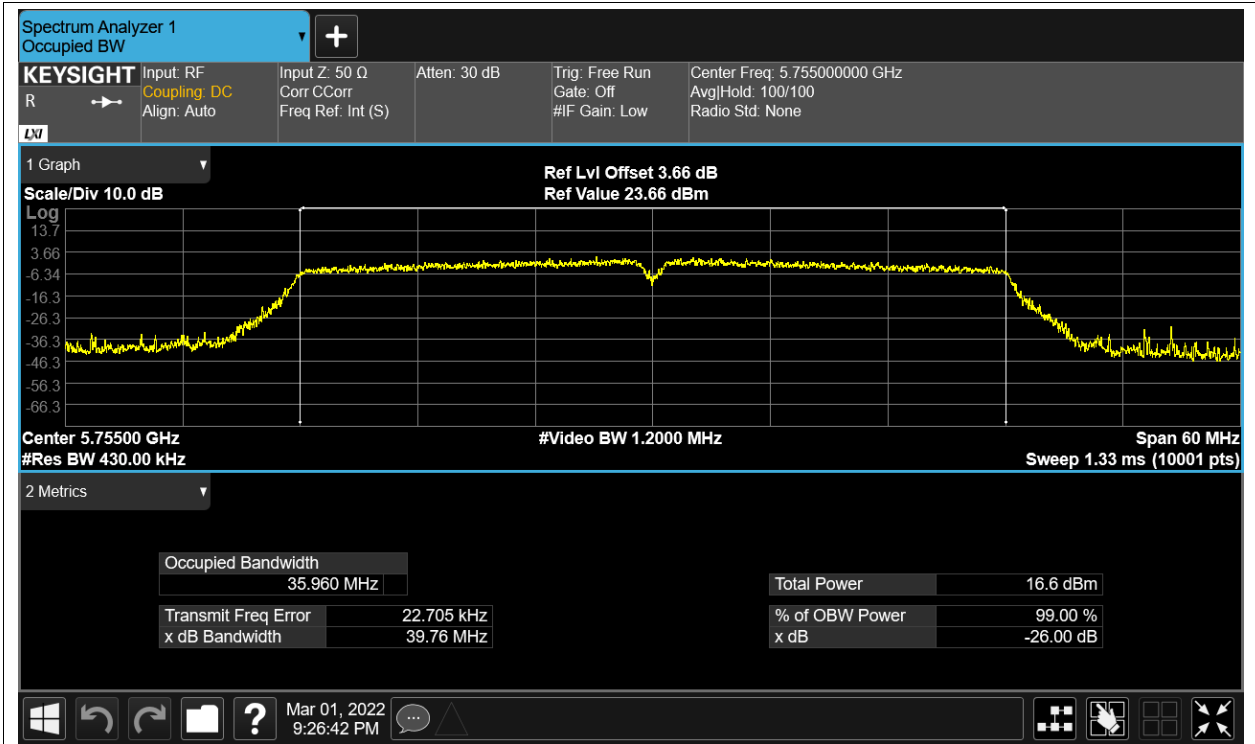


OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1





OBW NVNT n40 5795MHz Ant1

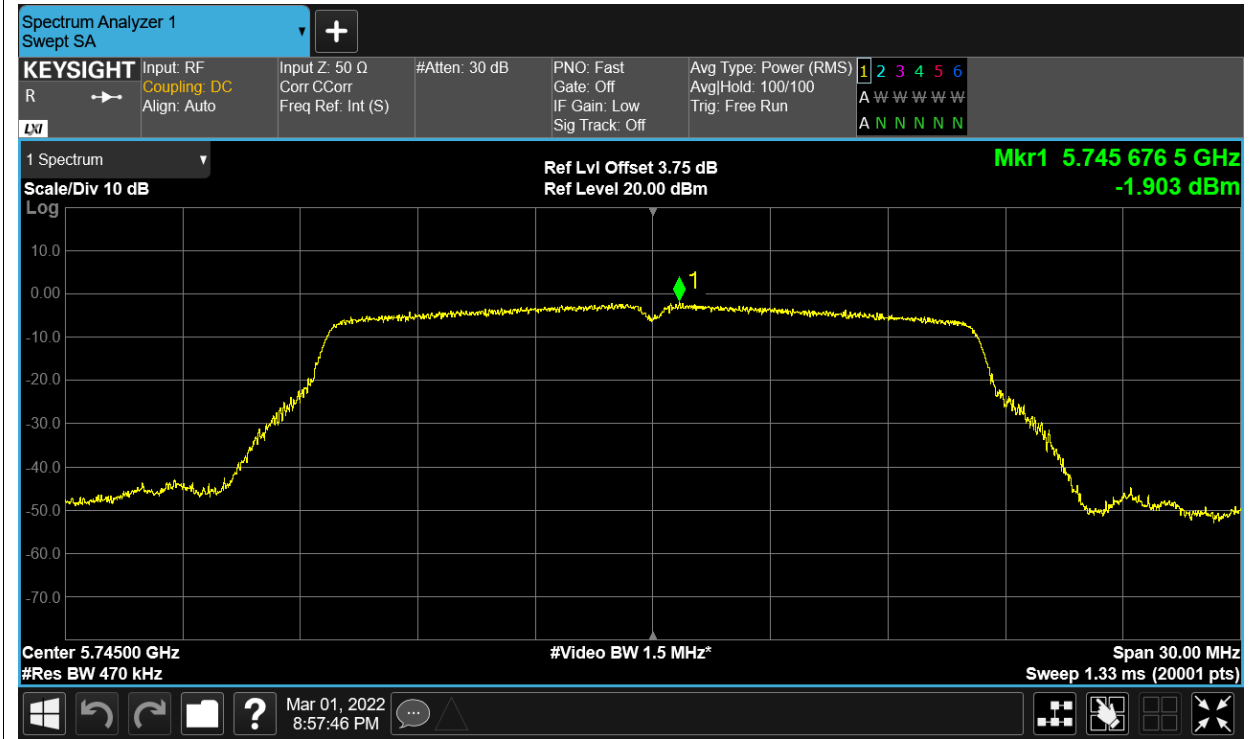


## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.903	30	Pass
NVNT	a	5785	Ant1	-2.053	30	Pass
NVNT	a	5825	Ant1	-2.599	30	Pass
NVNT	ac20	5745	Ant1	-2.223	30	Pass
NVNT	ac20	5785	Ant1	-2.907	30	Pass
NVNT	ac20	5825	Ant1	-3.322	30	Pass
NVNT	ac40	5755	Ant1	-3.417	30	Pass
NVNT	ac40	5795	Ant1	-3.609	30	Pass
NVNT	ac80	5775	Ant1	-8.742	30	Pass
NVNT	n20	5745	Ant1	-2.278	30	Pass
NVNT	n20	5785	Ant1	-2.286	30	Pass
NVNT	n20	5825	Ant1	-2.767	30	Pass
NVNT	n40	5755	Ant1	-5.279	30	Pass
NVNT	n40	5795	Ant1	-5.38	30	Pass

Test Graphs

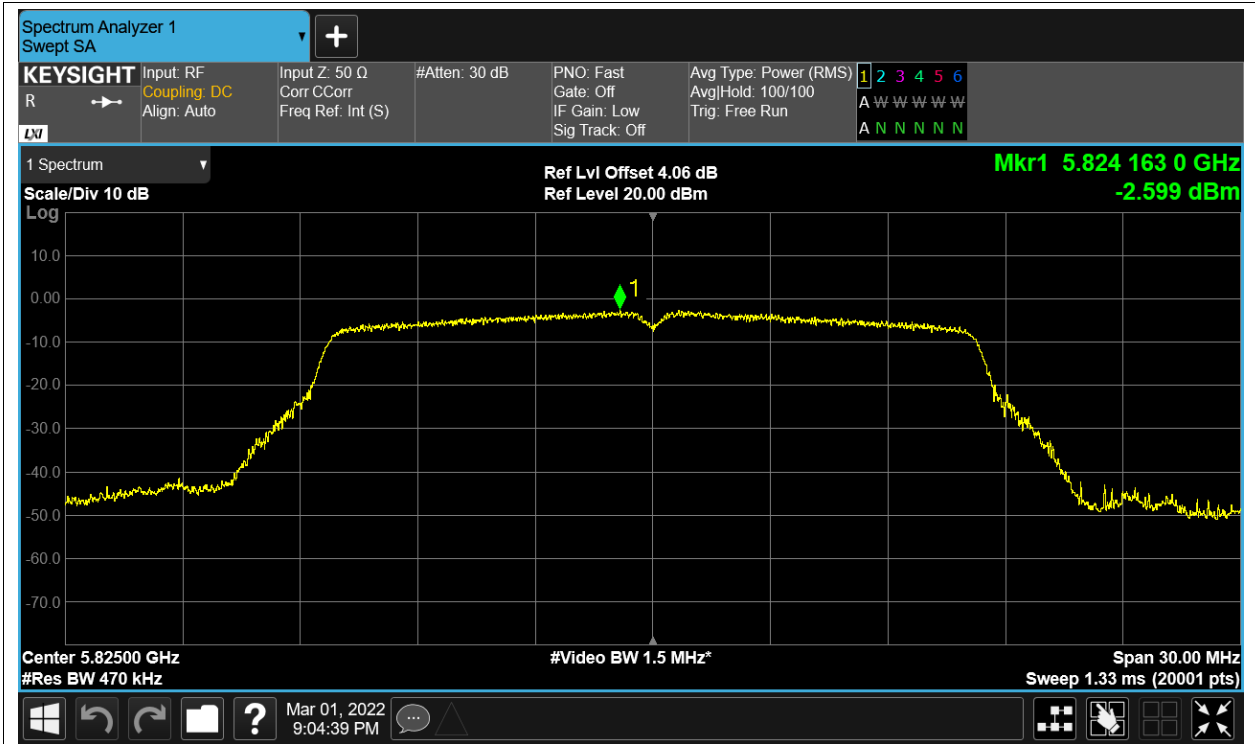
PSD NVNT a 5745MHz Ant1



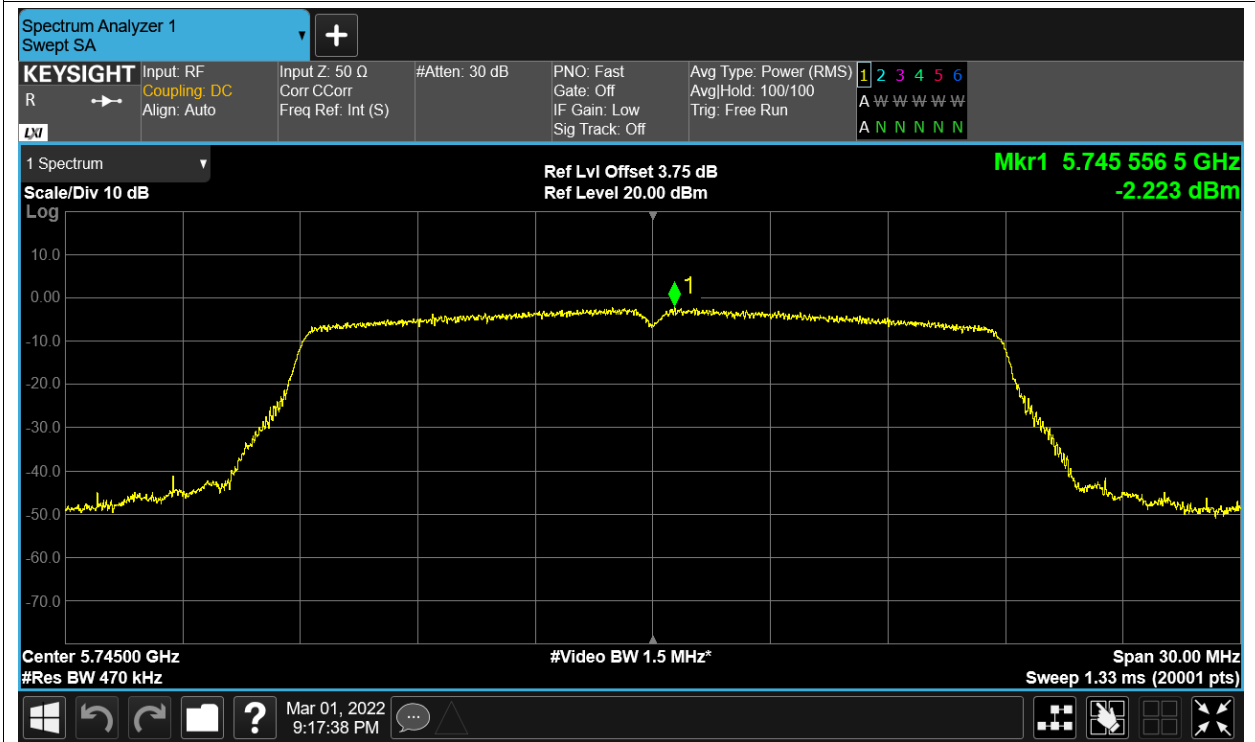
PSD NVNT a 5785MHz Ant1



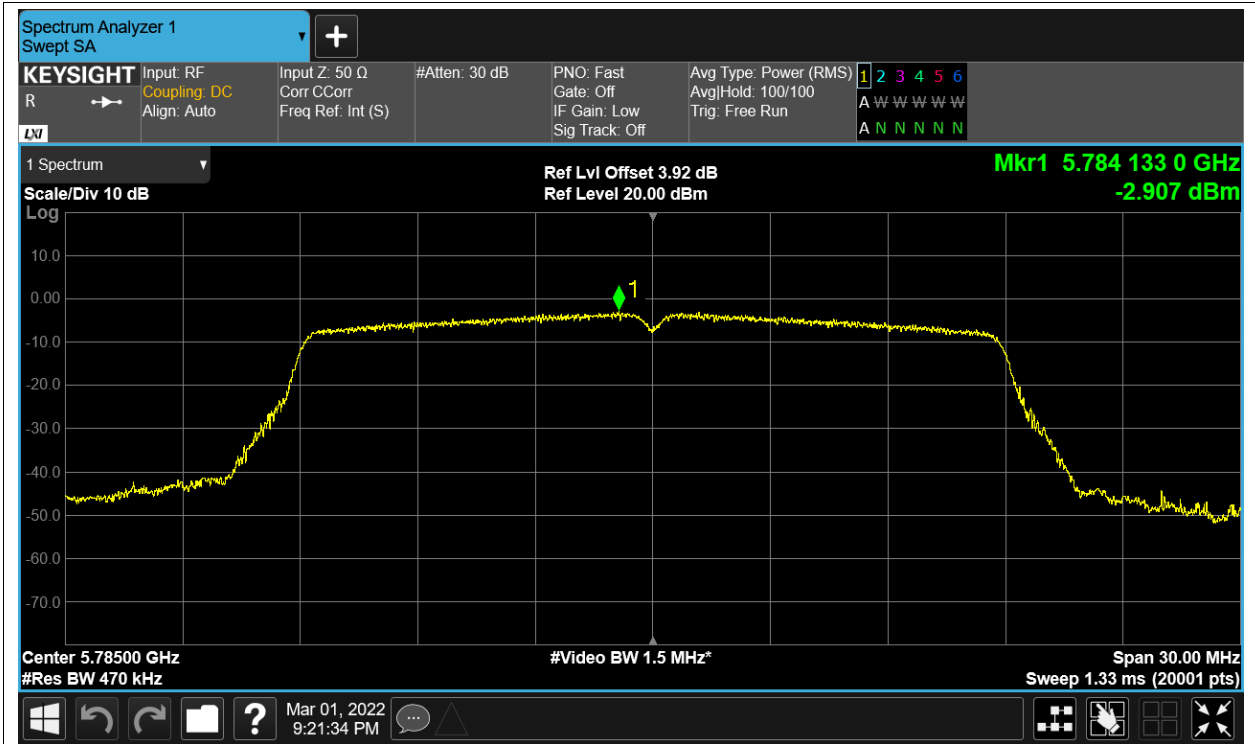
PSD NVNT a 5825MHz Ant1



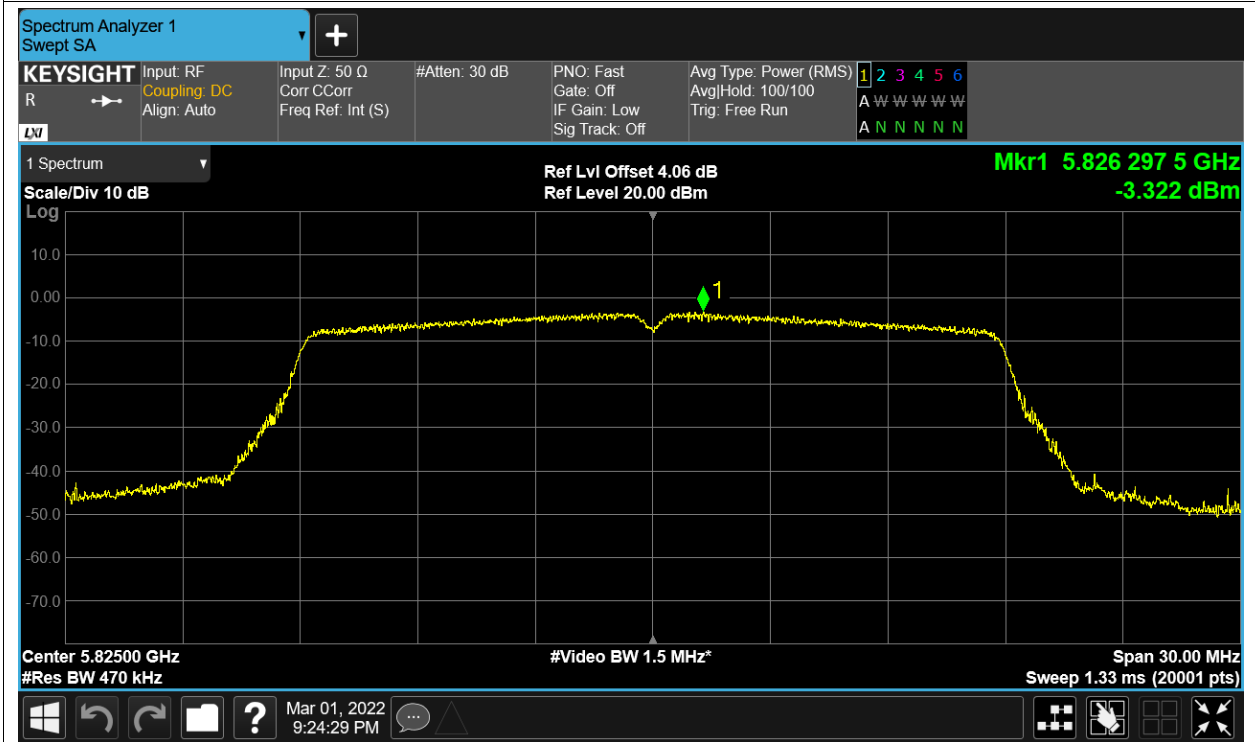
PSD NVNT ac20 5745MHz Ant1



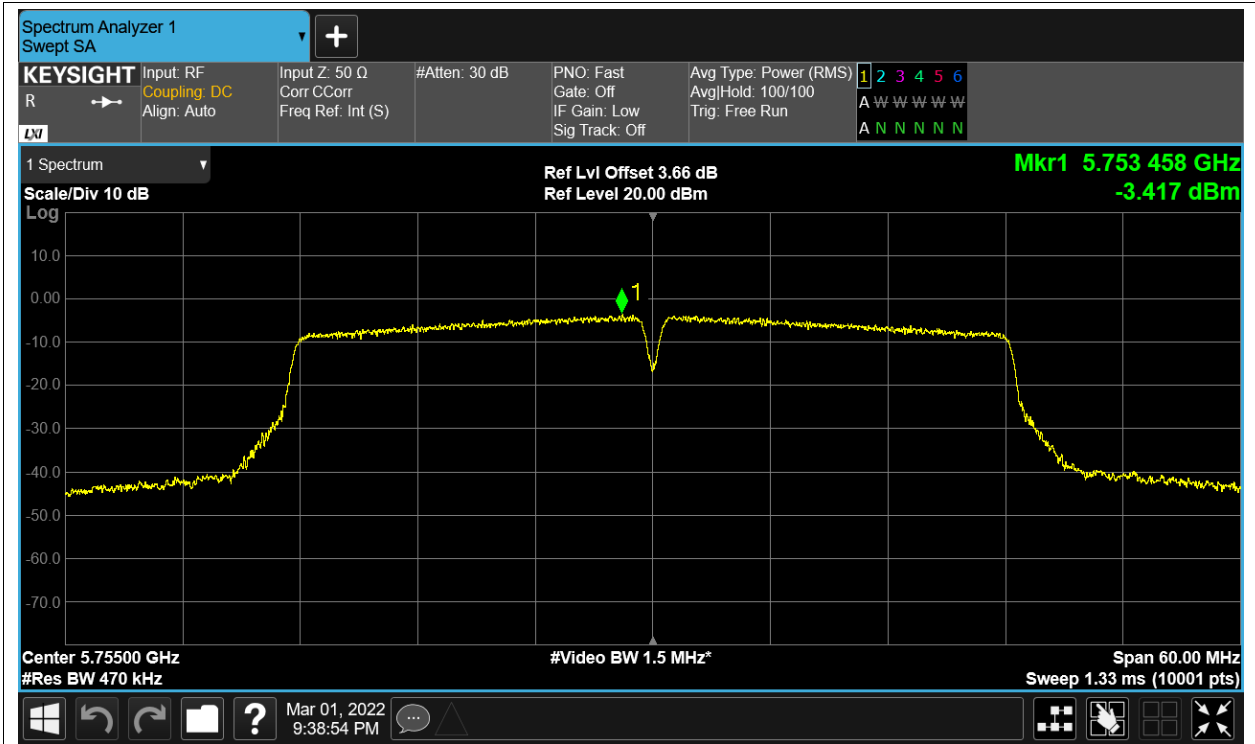
PSD NVNT ac20 5785MHz Ant1



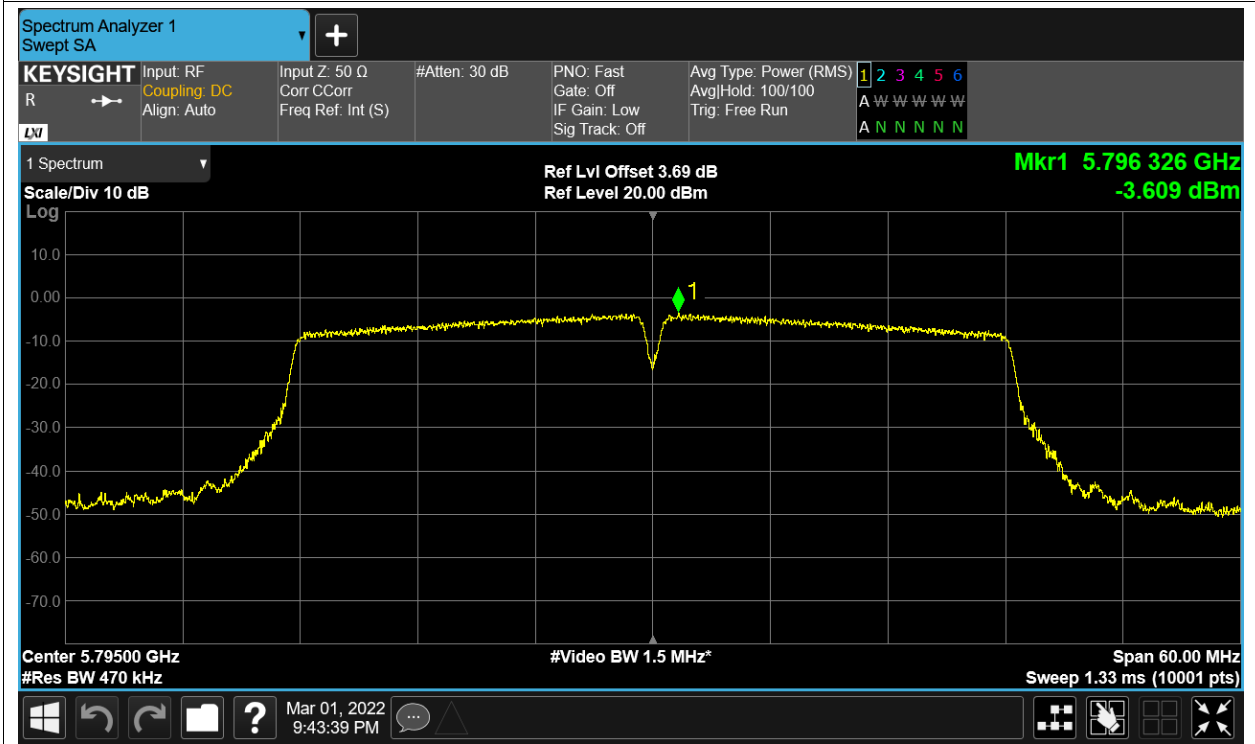
PSD NVNT ac20 5825MHz Ant1



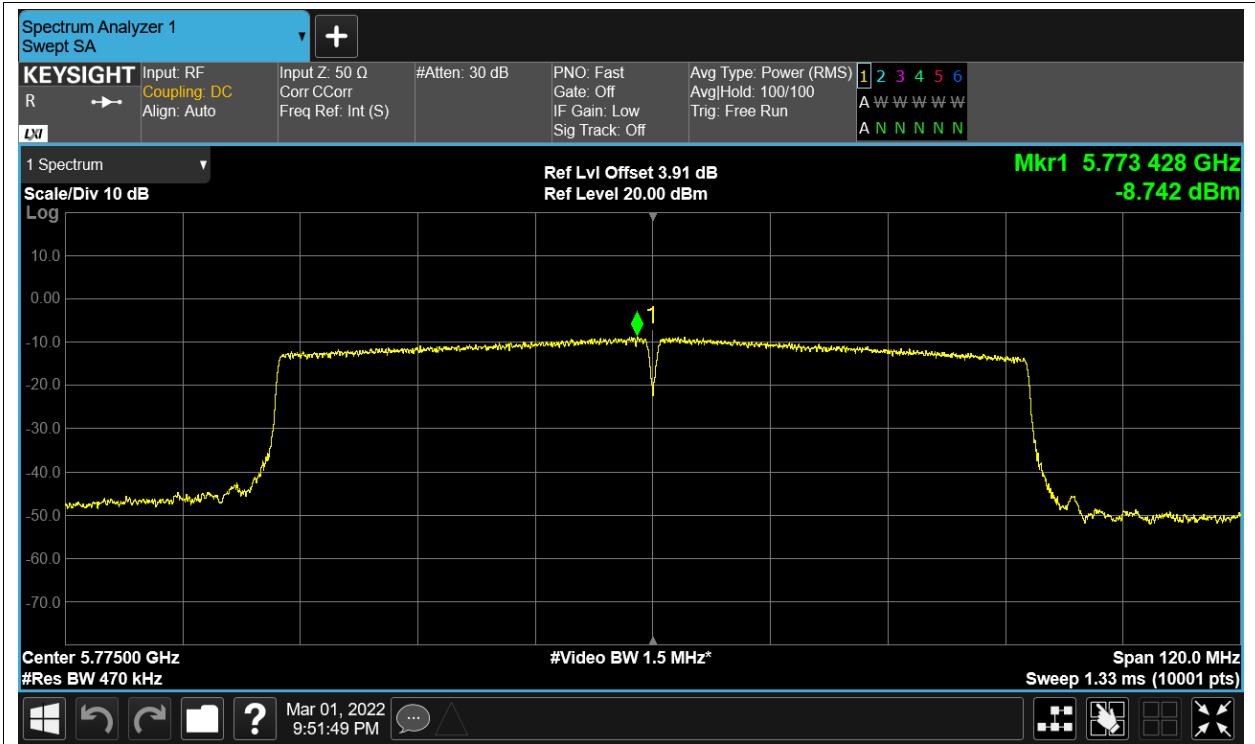
PSD NVNT ac40 5755MHz Ant1



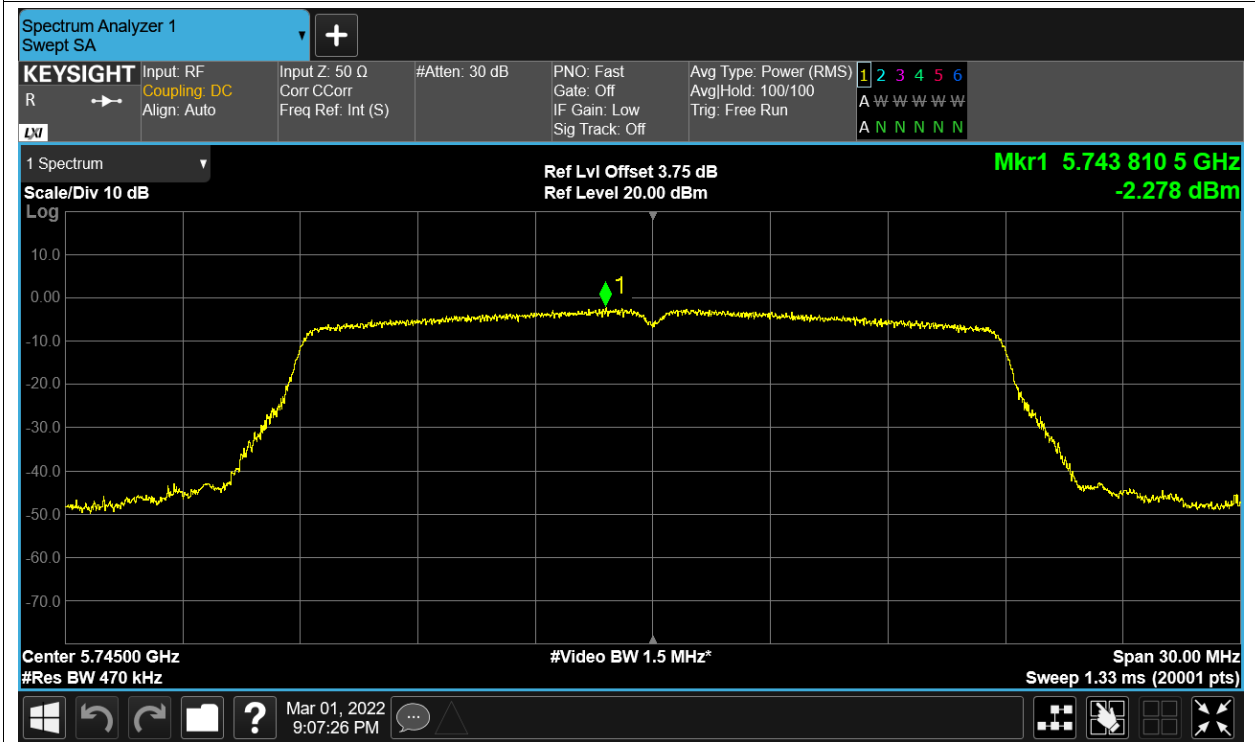
PSD NVNT ac40 5795MHz Ant1



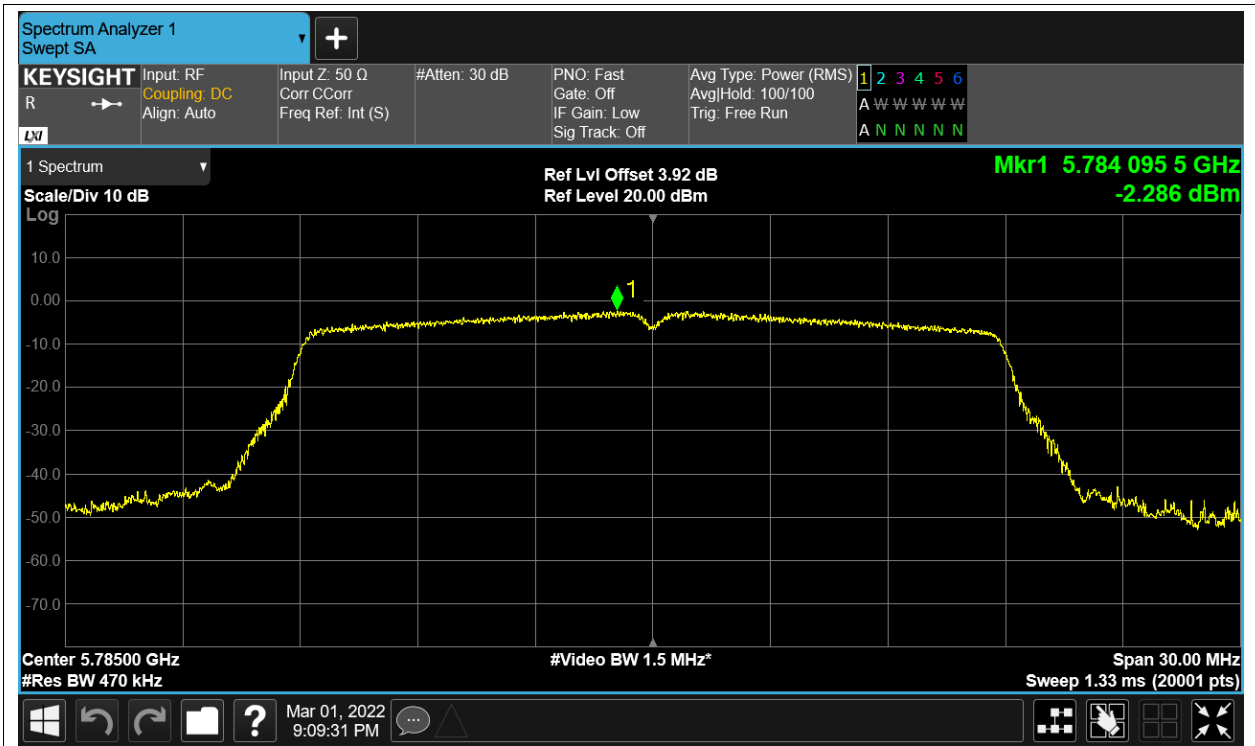
PSD NVNT ac80 5775MHz Ant1



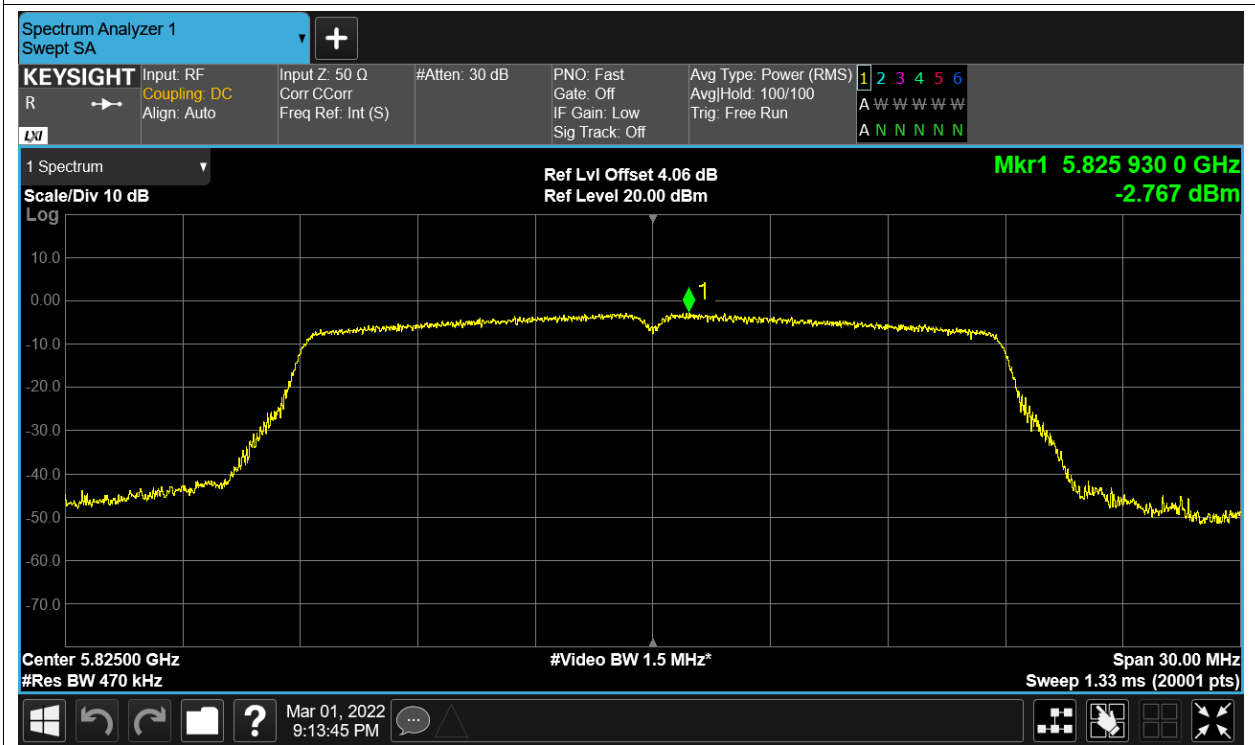
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1

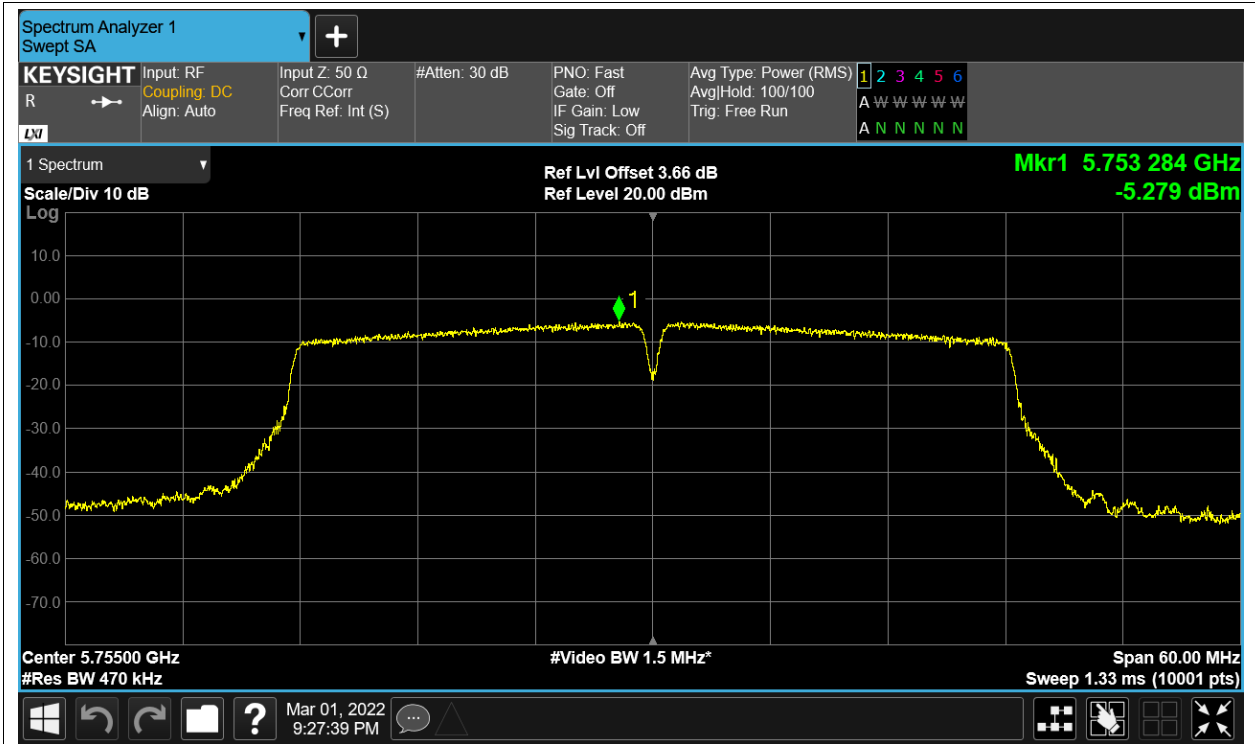


PSD NVNT n20 5825MHz Ant1

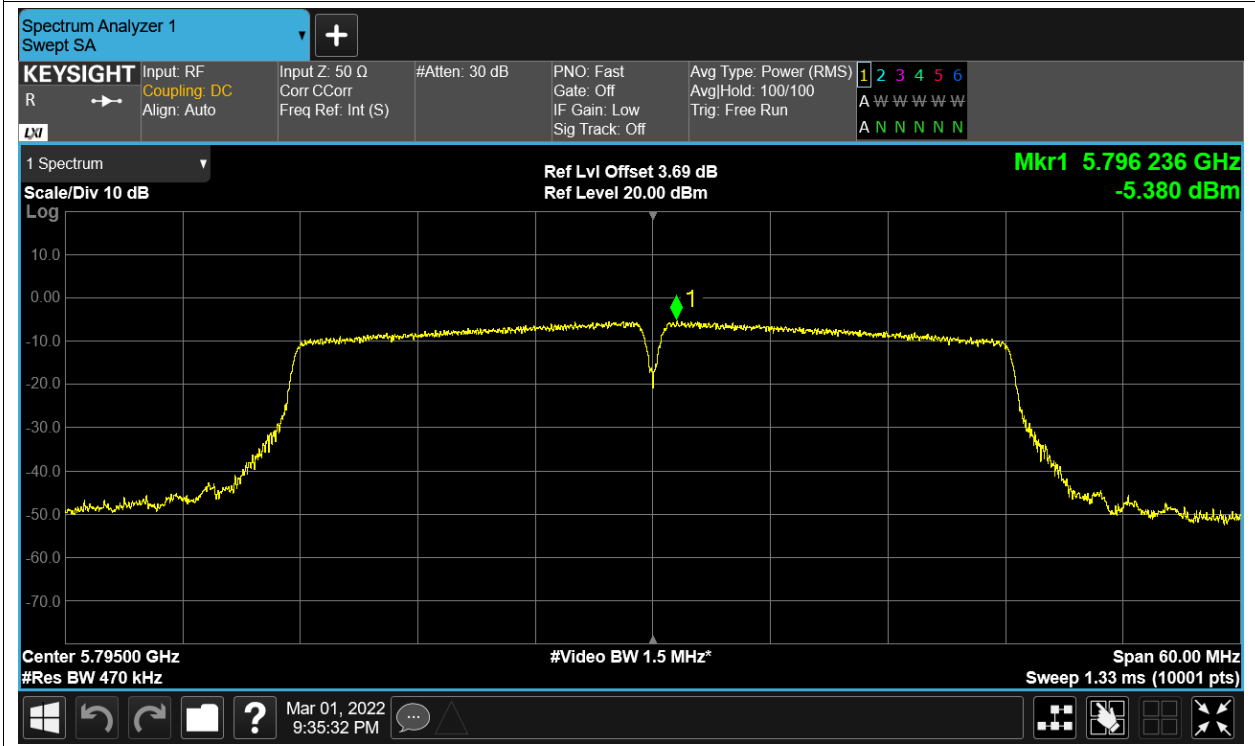


PSD NVNT n40 5755MHz Ant1





PSD NVNT n40 5795MHz Ant1

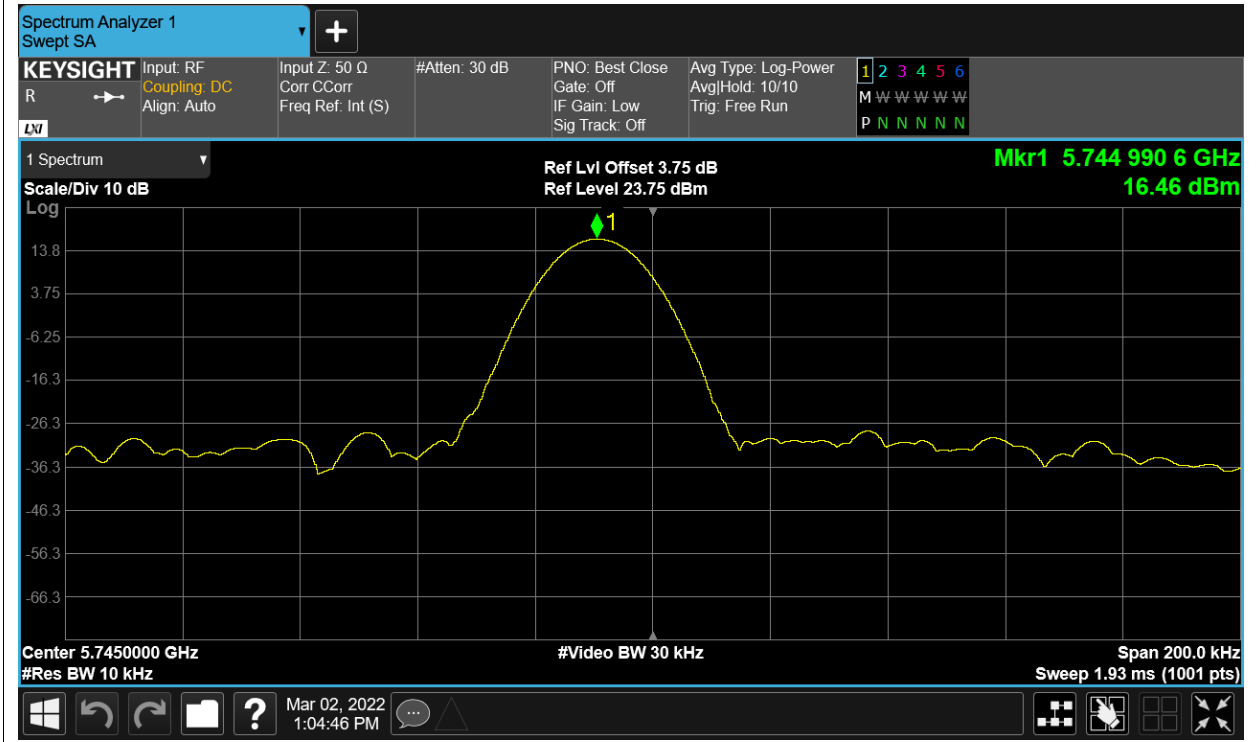


## Frequency Stability

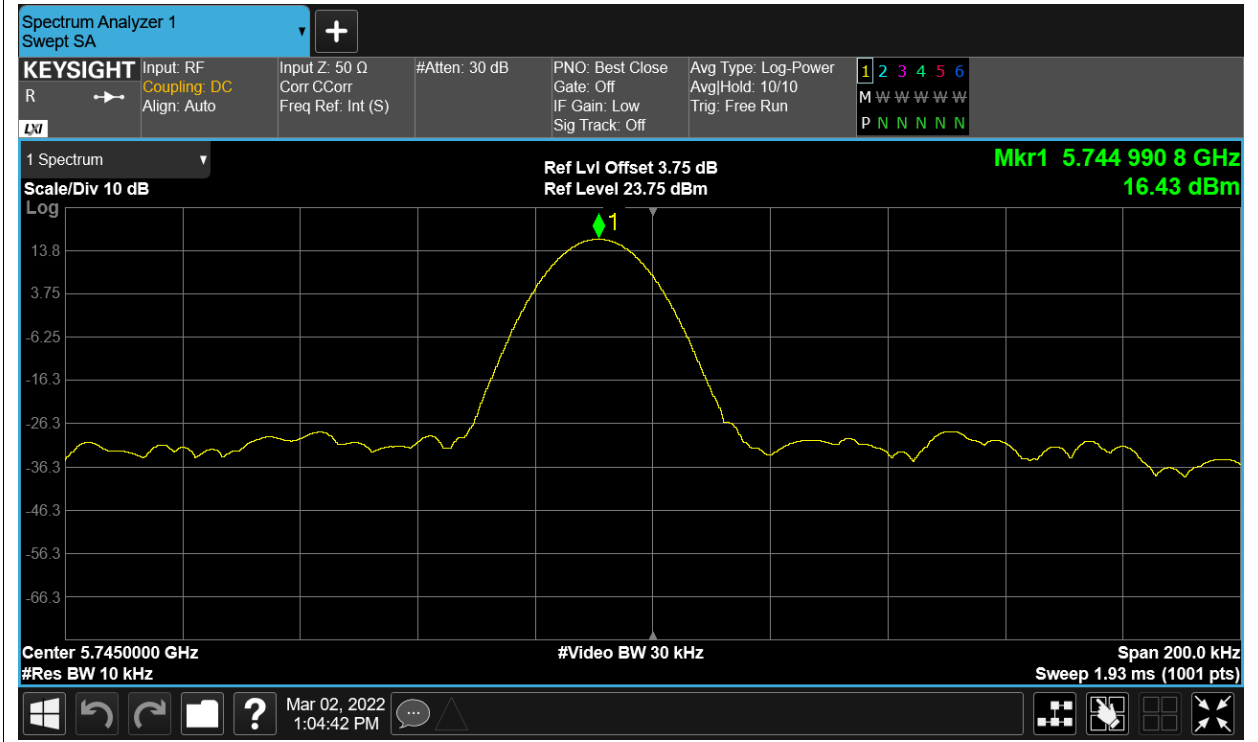
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.9906	-1.64	25	Pass
LVNT	a	5745	Ant1	5744.9908	-1.6	25	Pass
NVHT	a	5745	Ant1	5744.9908	-1.6	25	Pass
NVLT	a	5745	Ant1	5744.991	-1.57	25	Pass
NVNT	a	5745	Ant1	5744.9912	-1.53	25	Pass
HVNT	ac80	5775	Ant1	5774.9878	-2.11	25	Pass
LVNT	ac80	5775	Ant1	5774.988	-2.08	25	Pass
NVHT	ac80	5775	Ant1	5774.9882	-2.04	25	Pass
NVLT	ac80	5775	Ant1	5774.9884	-2.01	25	Pass
NVNT	ac80	5775	Ant1	5774.9886	-1.97	25	Pass
HVNT	n40	5755	Ant1	5754.9896	-1.81	25	Pass
LVNT	n40	5755	Ant1	5754.9898	-1.77	25	Pass
NVHT	n40	5755	Ant1	5754.9898	-1.77	25	Pass
NVLT	n40	5755	Ant1	5754.99	-1.74	25	Pass
NVNT	n40	5755	Ant1	5754.9902	-1.7	25	Pass

Test Graphs

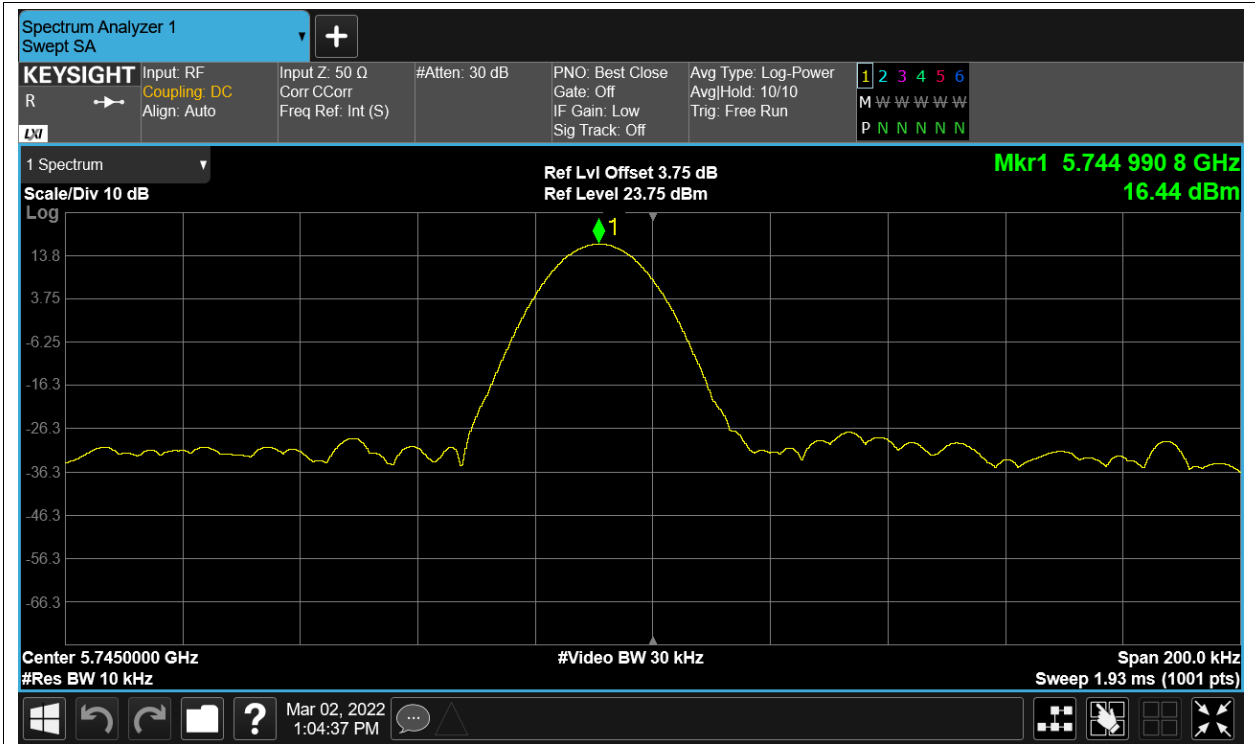
Freq. Stability HVNT a 5745MHz Ant1



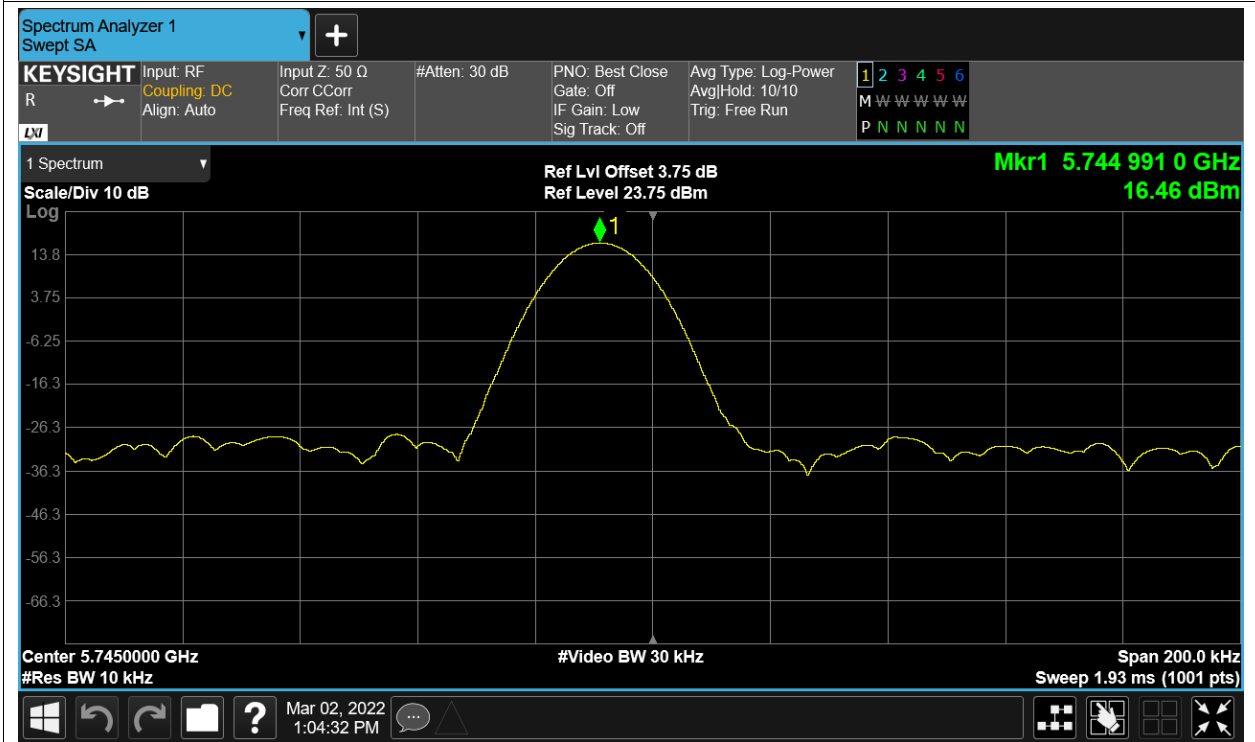
Freq. Stability LVNT a 5745MHz Ant1



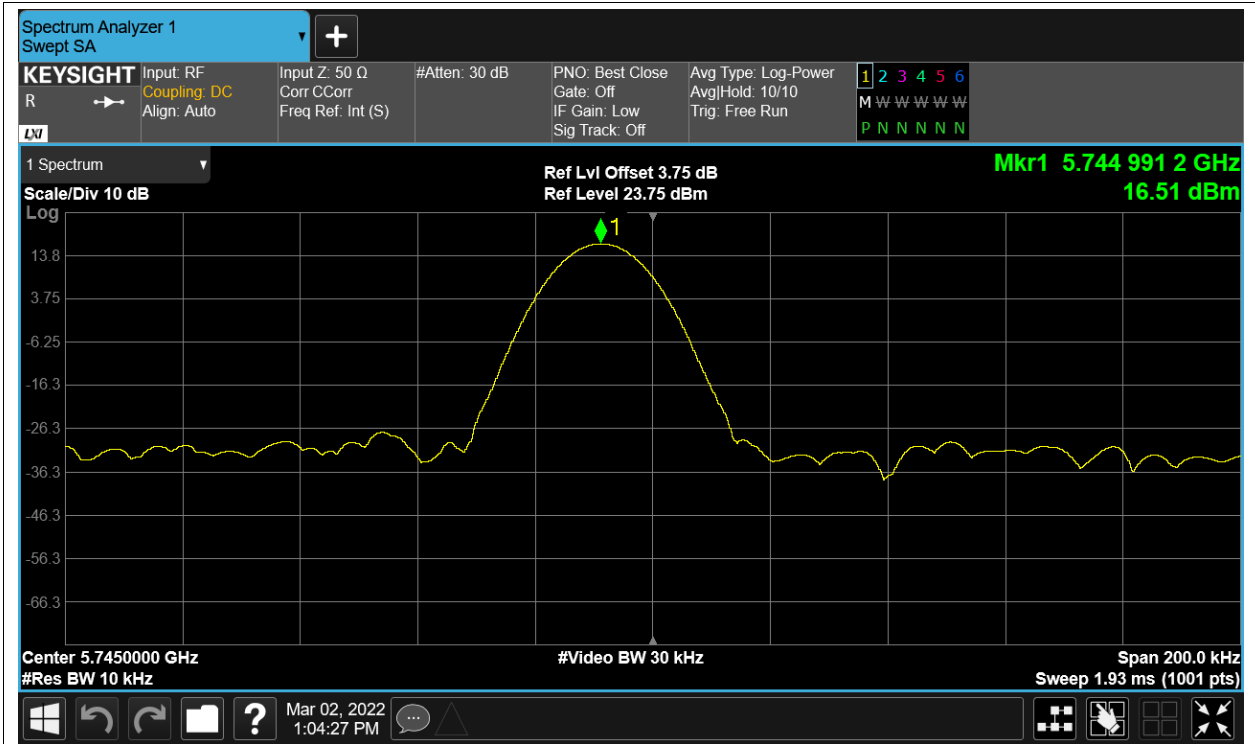
Freq. Stability NVHT a 5745MHz Ant1



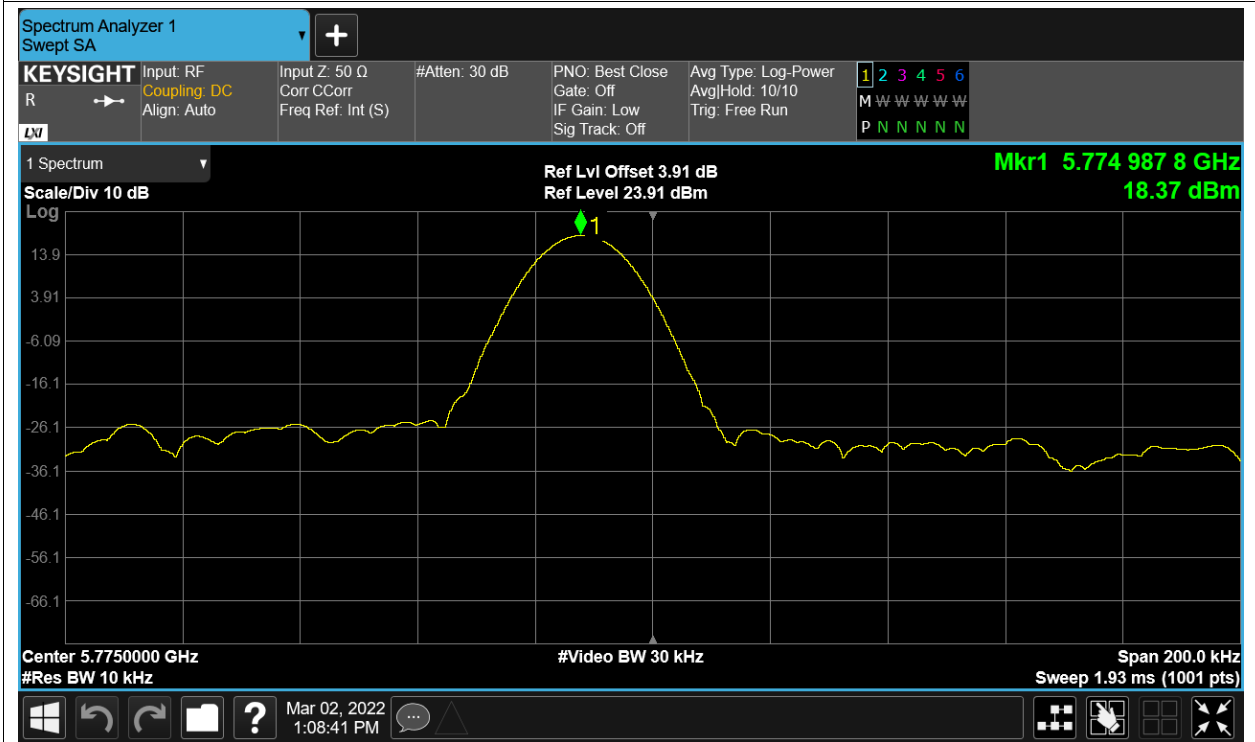
Freq. Stability NVLT a 5745MHz Ant1



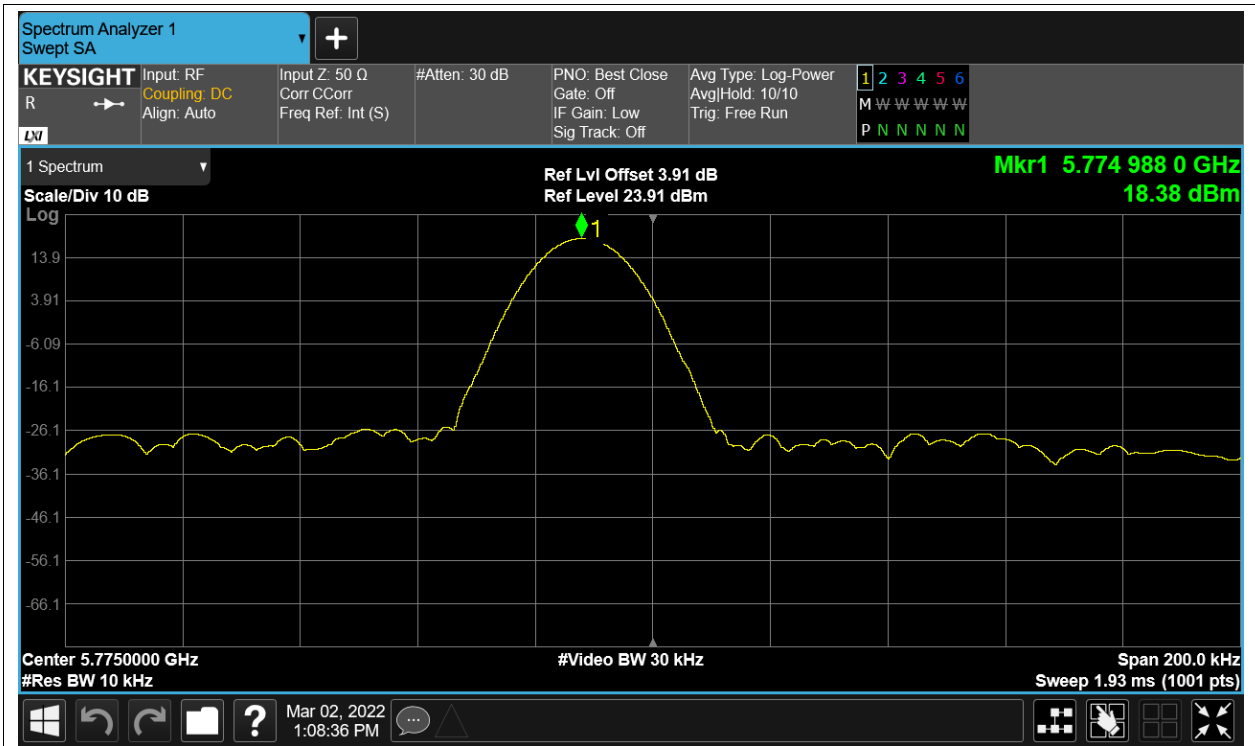
Freq. Stability NVNT a 5745MHz Ant1



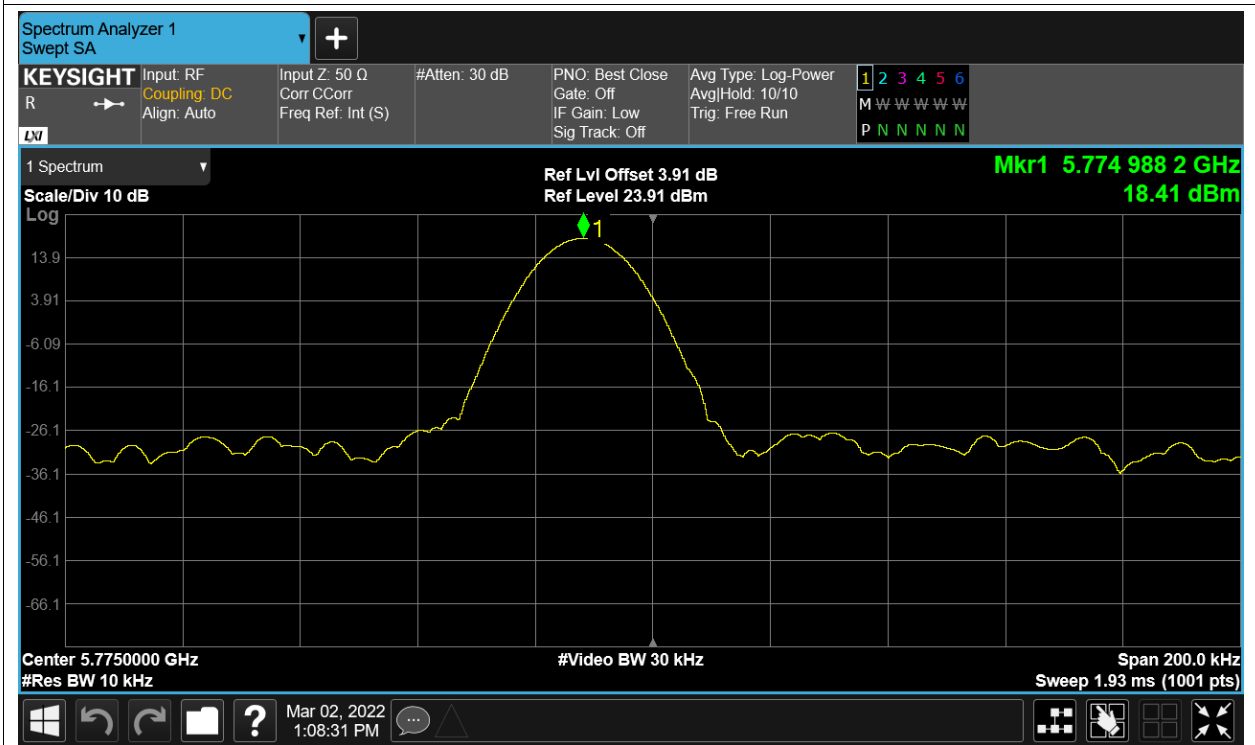
Freq. Stability HVNT ac80 5775MHz Ant1



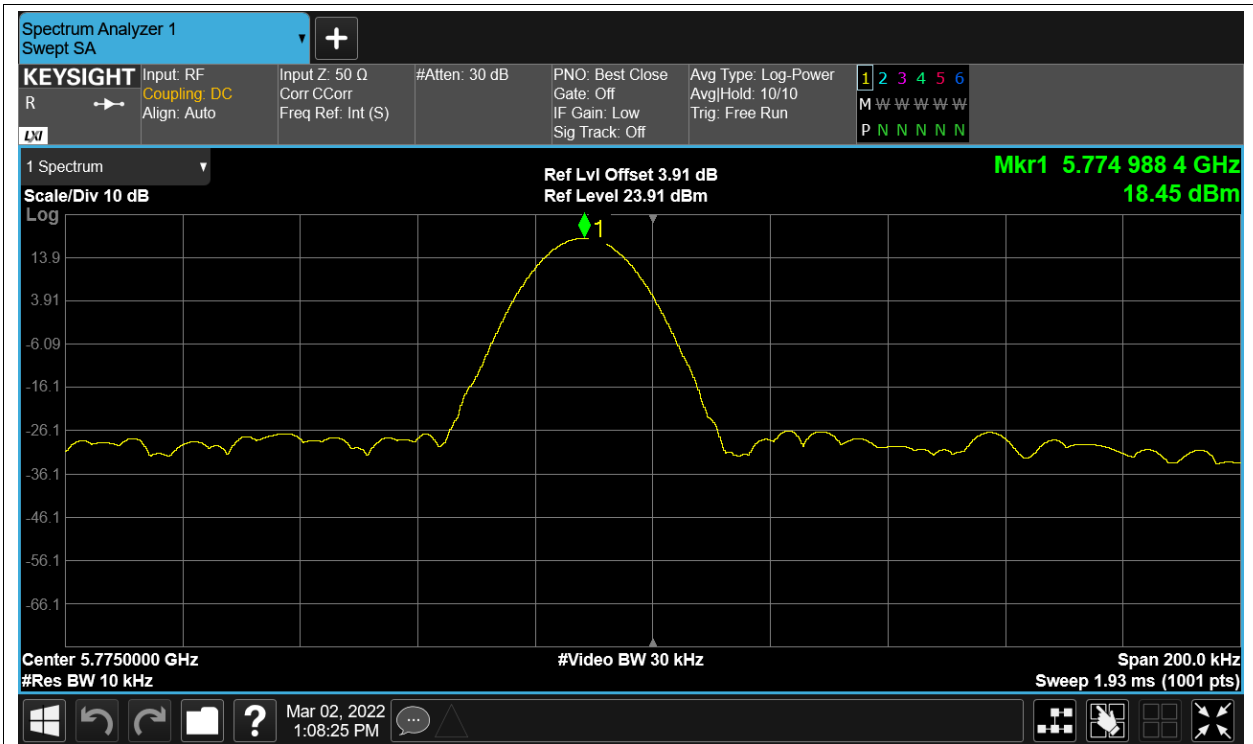
Freq. Stability LVNT ac80 5775MHz Ant1



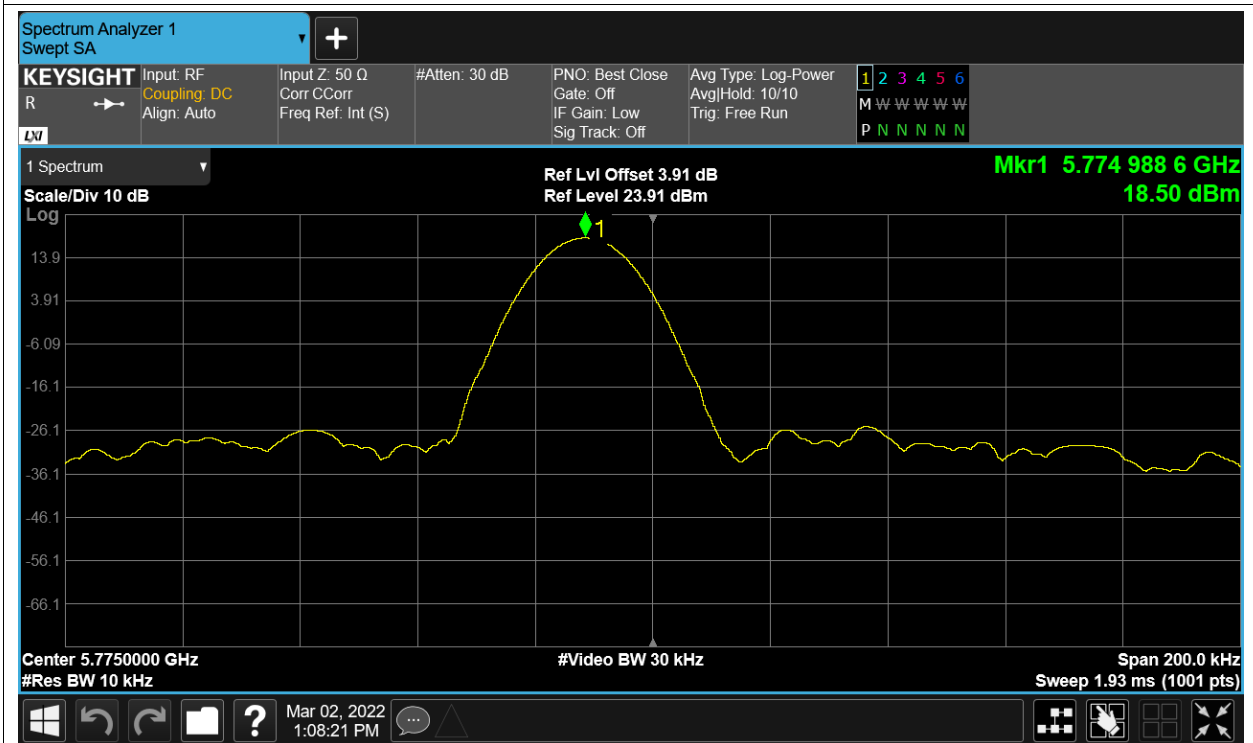
Freq. Stability NVHT ac80 5775MHz Ant1



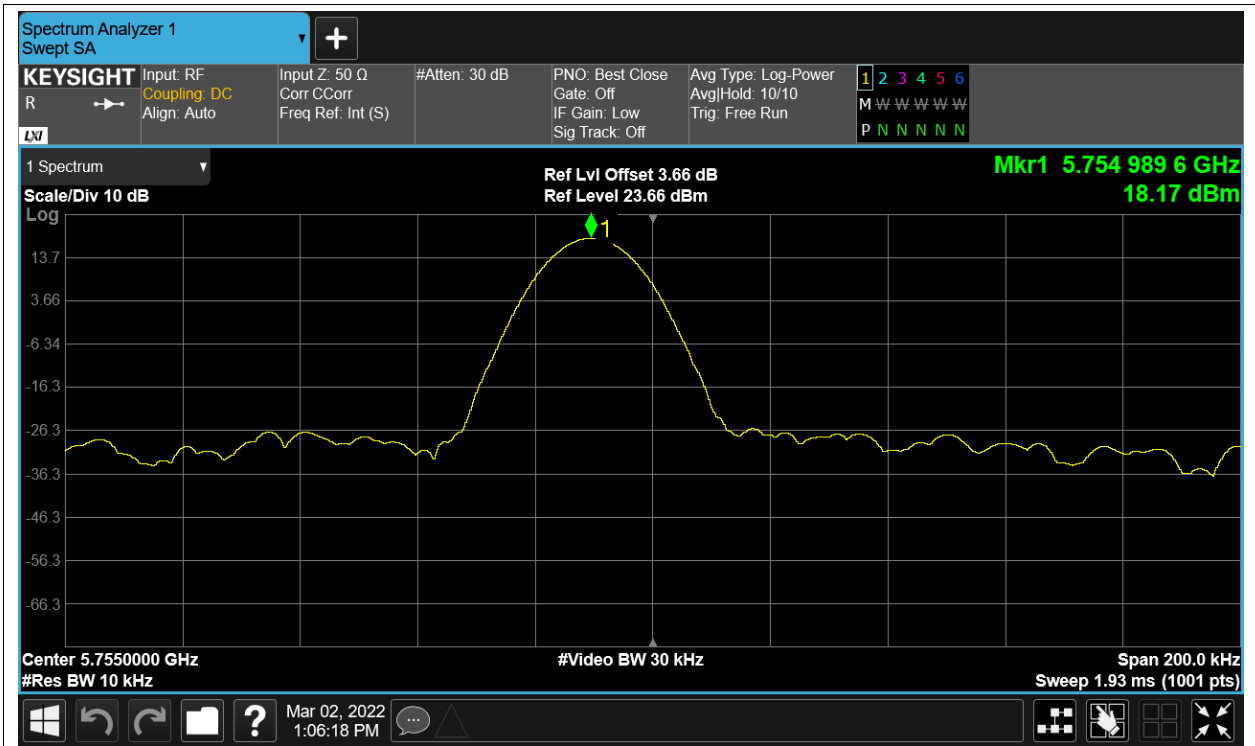
Freq. Stability NVLT ac80 5775MHz Ant1



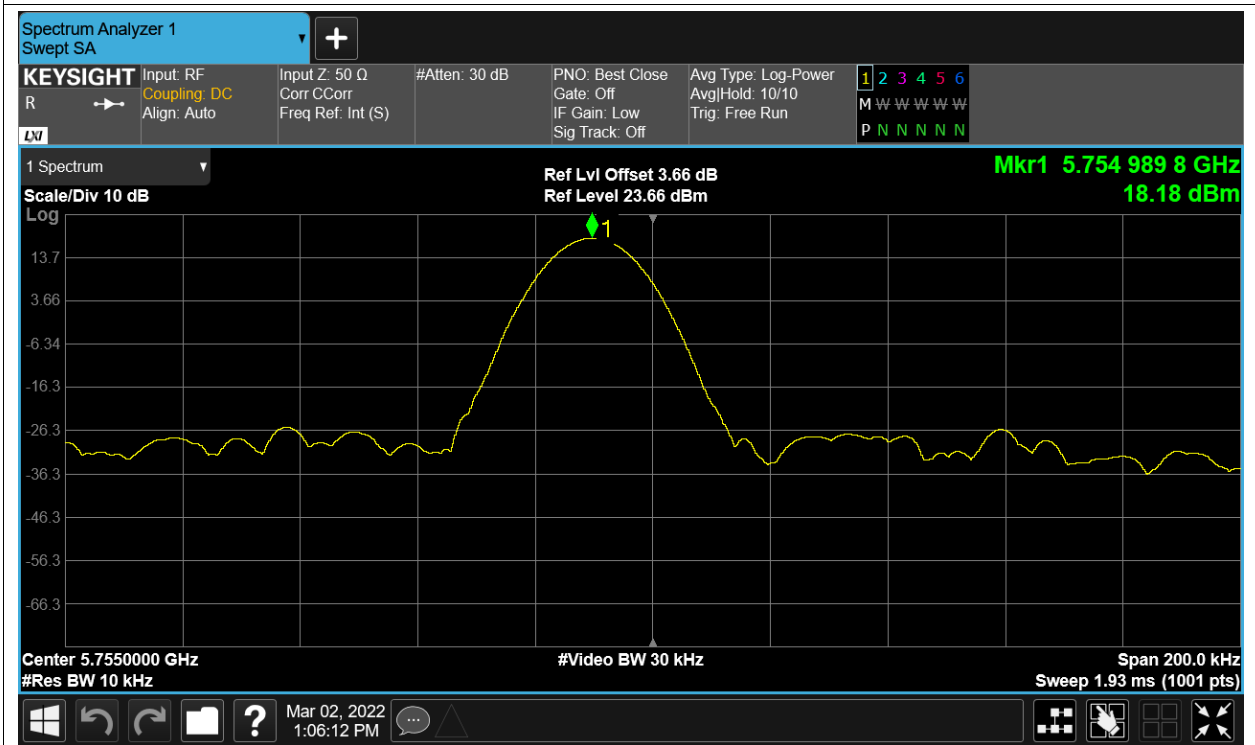
Freq. Stability NVNT ac80 5775MHz Ant1



Freq. Stability HVNT n40 5755MHz Ant1

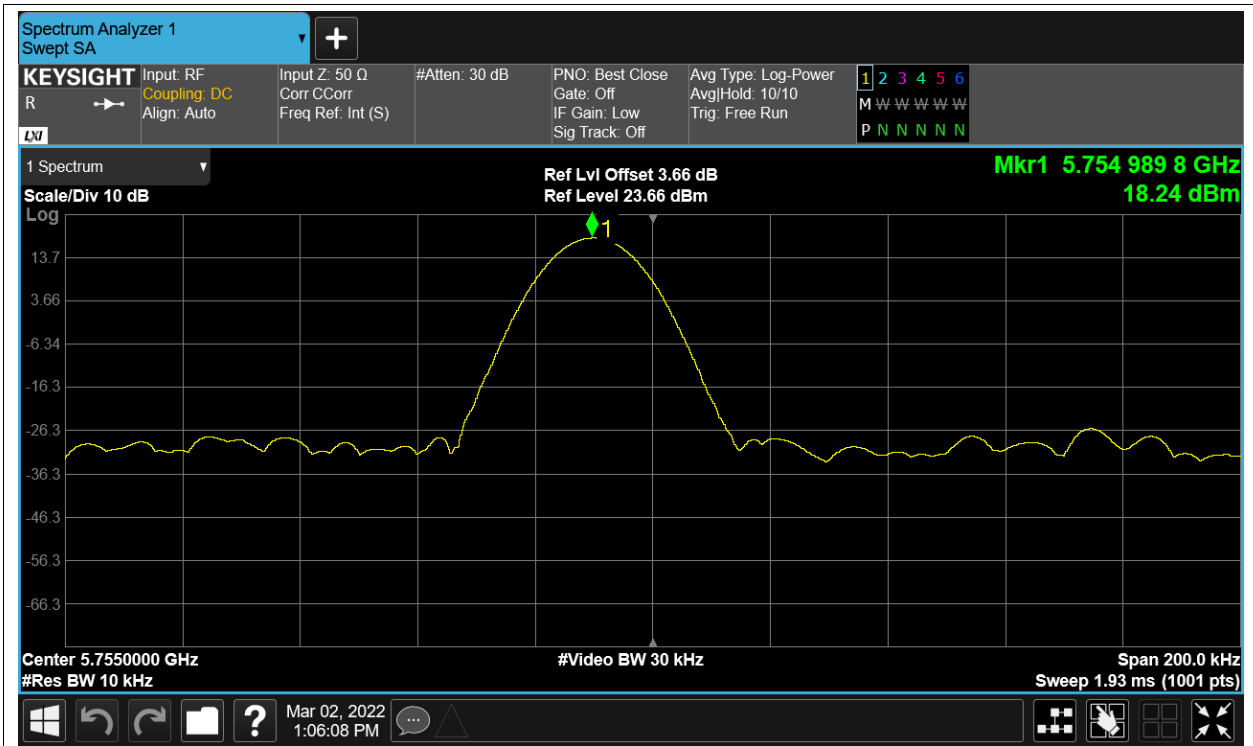


Freq. Stability LVNT n40 5755MHz Ant1

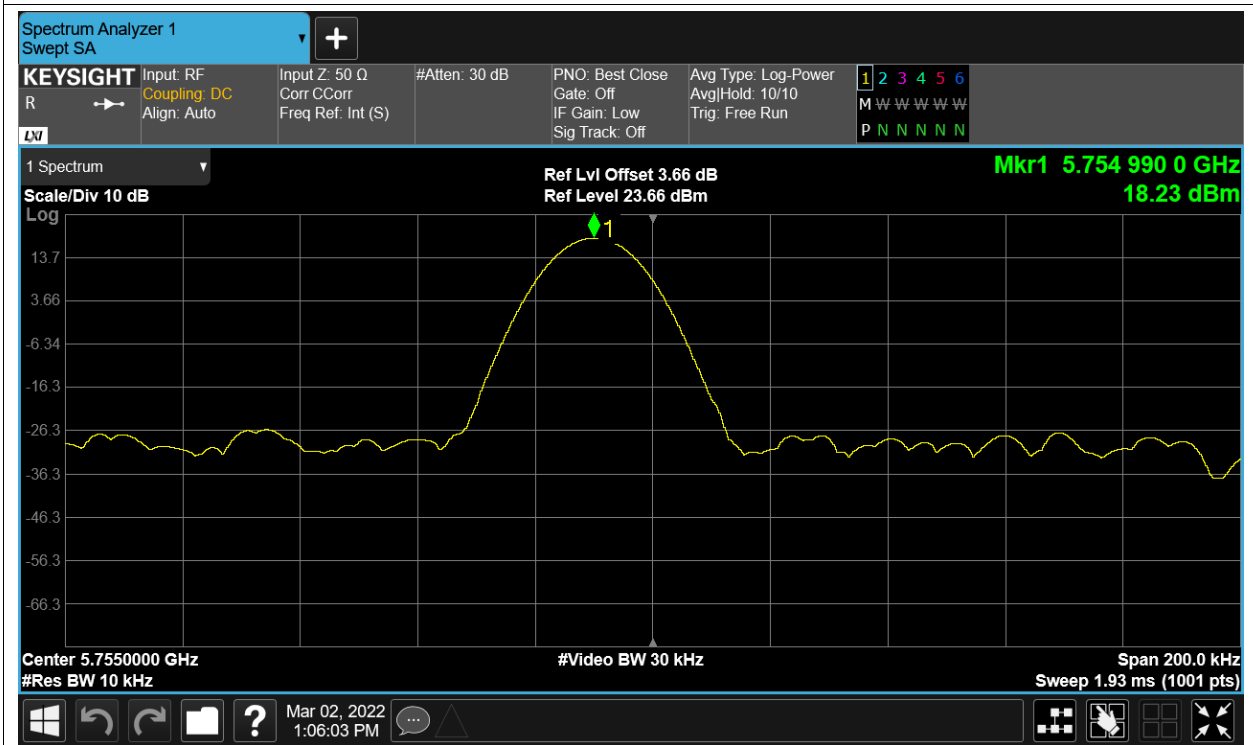


Freq. Stability NVHT n40 5755MHz Ant1





Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

