

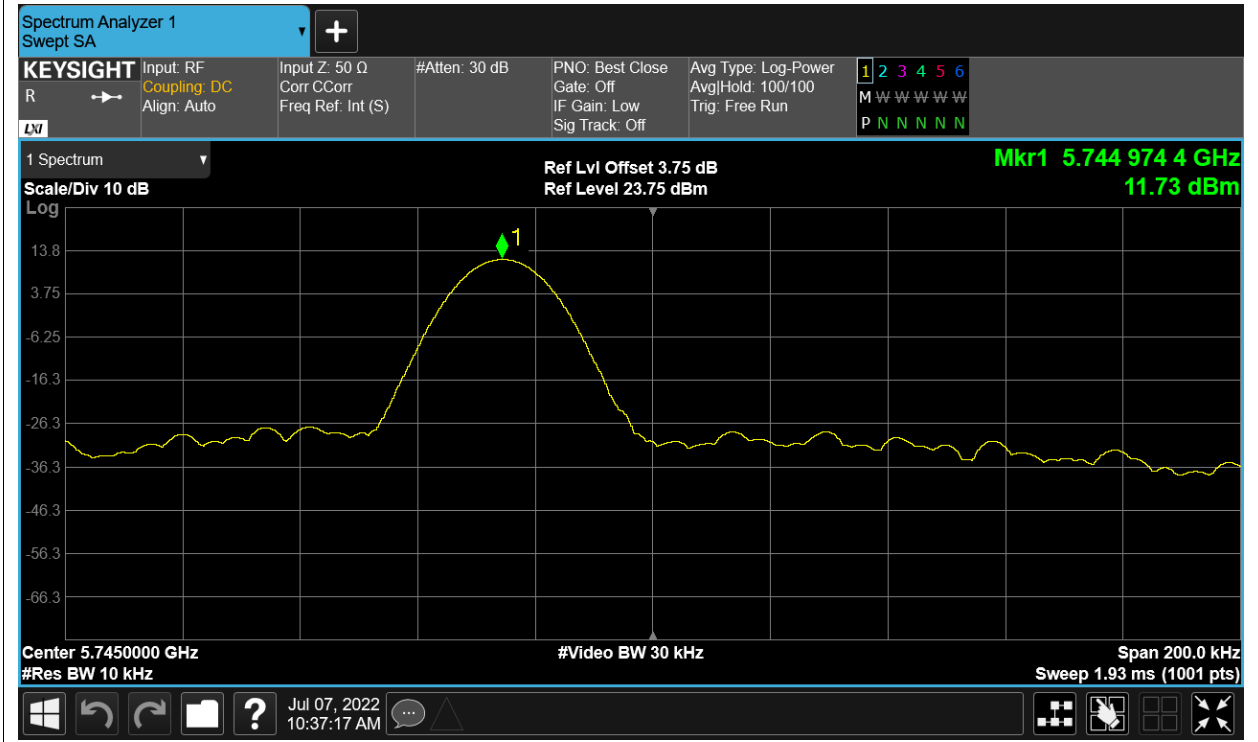
## Test Data

### Frequency Stability

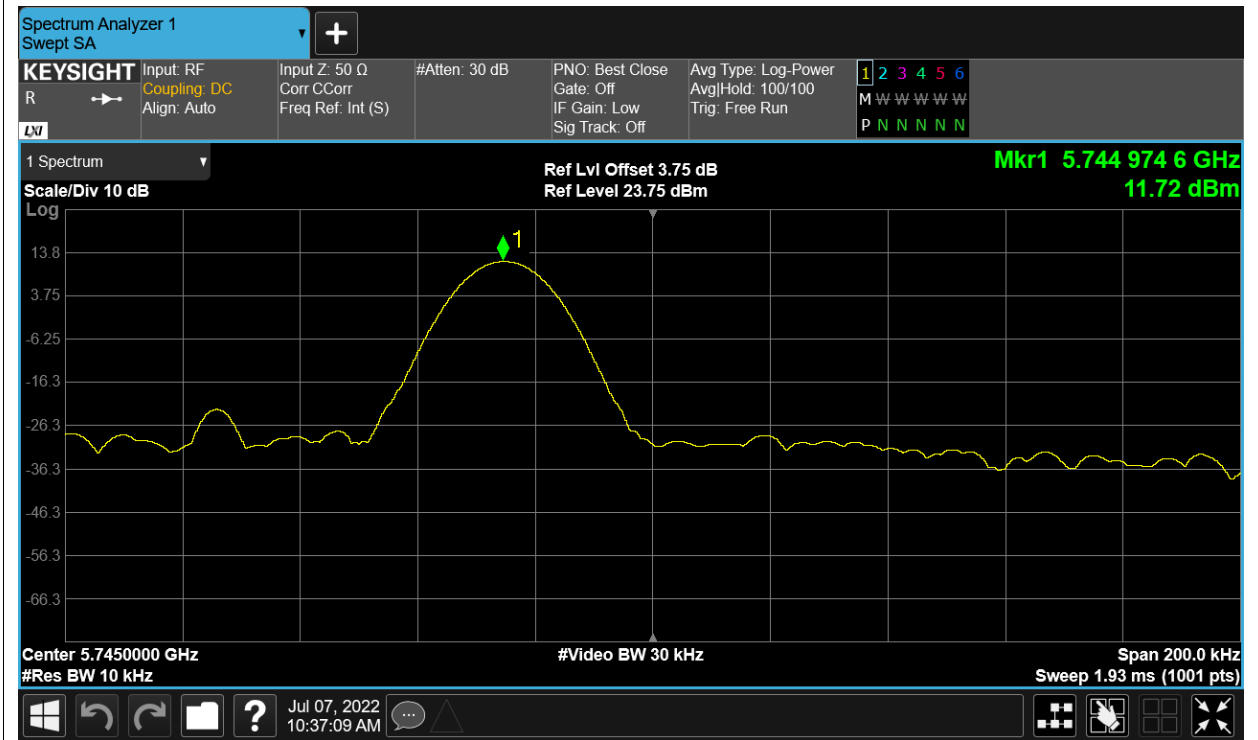
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.9744	-4.46	25	Pass
LVNT	a	5745	Ant1	5744.9746	-4.42	25	Pass
NVHT	a	5745	Ant1	5744.9752	-4.32	25	Pass
NVLT	a	5745	Ant1	5744.9758	-4.21	25	Pass
NVNT	a	5745	Ant1	5744.9764	-4.11	25	Pass
HVNT	ac80	5775	Ant1	5774.975	-4.33	25	Pass
LVNT	ac80	5775	Ant1	5774.9756	-4.23	25	Pass
NVHT	ac80	5775	Ant1	5774.9764	-4.09	25	Pass
NVLT	ac80	5775	Ant1	5774.9774	-3.91	25	Pass
NVNT	ac80	5775	Ant1	5774.9784	-3.74	25	Pass
HVNT	n40	5755	Ant1	5754.9756	-4.24	25	Pass
LVNT	n40	5755	Ant1	5754.976	-4.17	25	Pass
NVHT	n40	5755	Ant1	5754.9764	-4.1	25	Pass
NVLT	n40	5755	Ant1	5754.977	-4	25	Pass
NVNT	n40	5755	Ant1	5754.9778	-3.86	25	Pass

Test Graphs

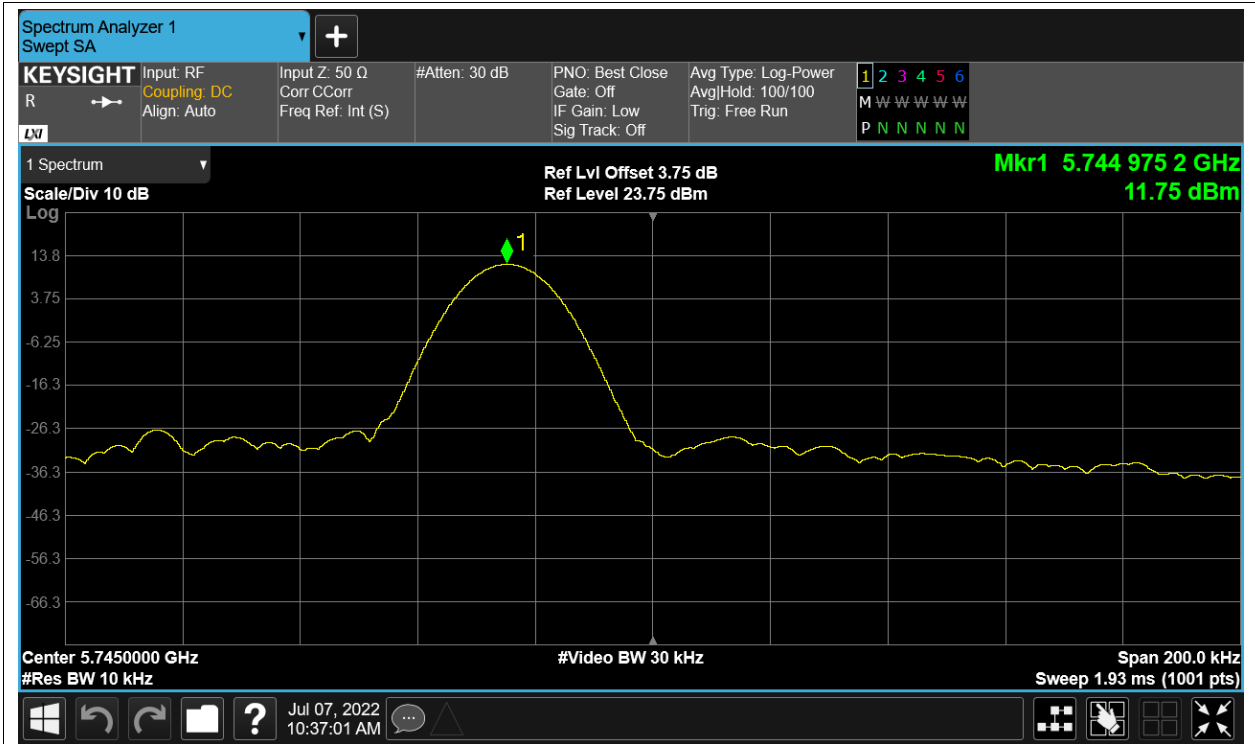
Freq. Stability HVNT a 5745MHz Ant1



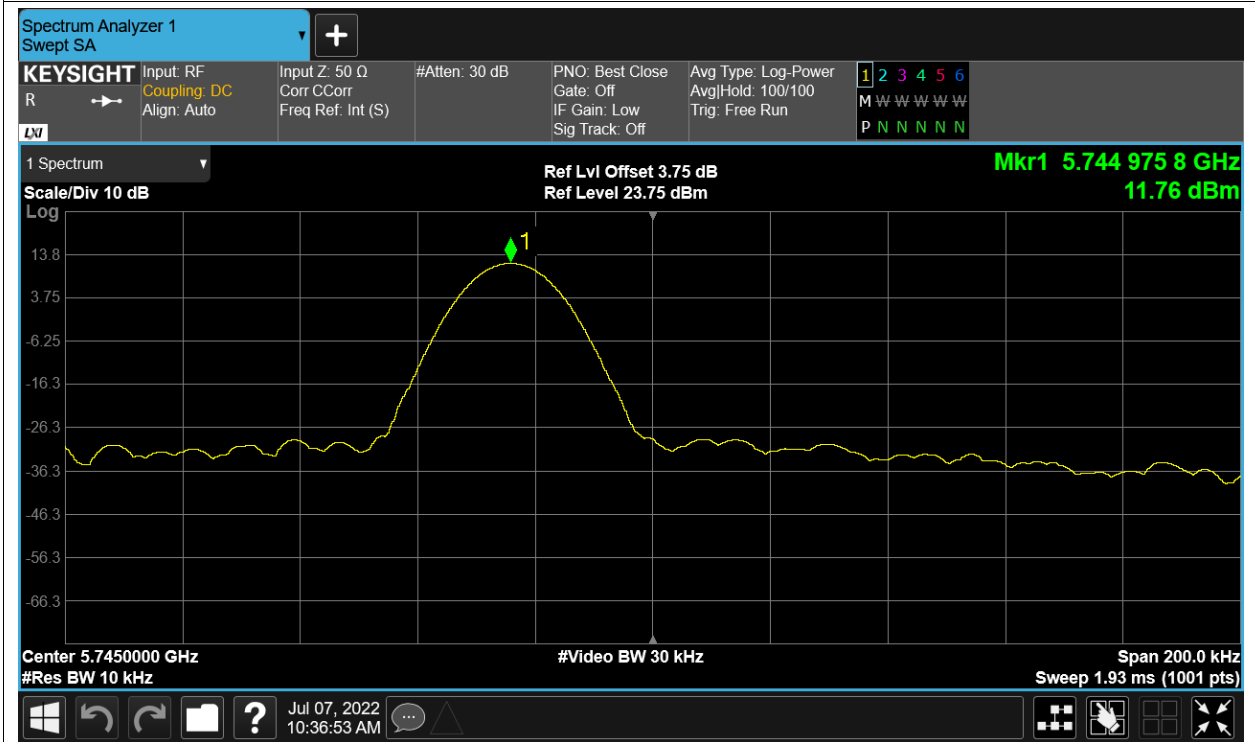
Freq. Stability LVNT a 5745MHz Ant1



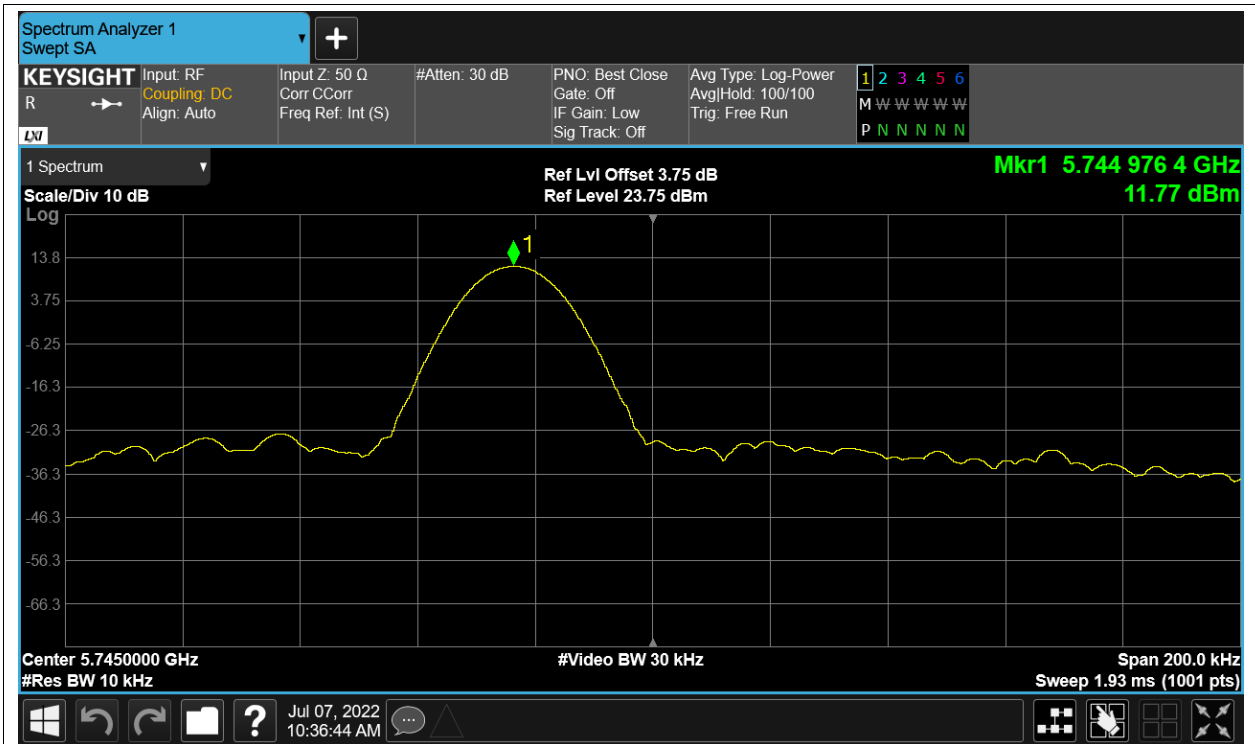
Freq. Stability NVHT a 5745MHz Ant1



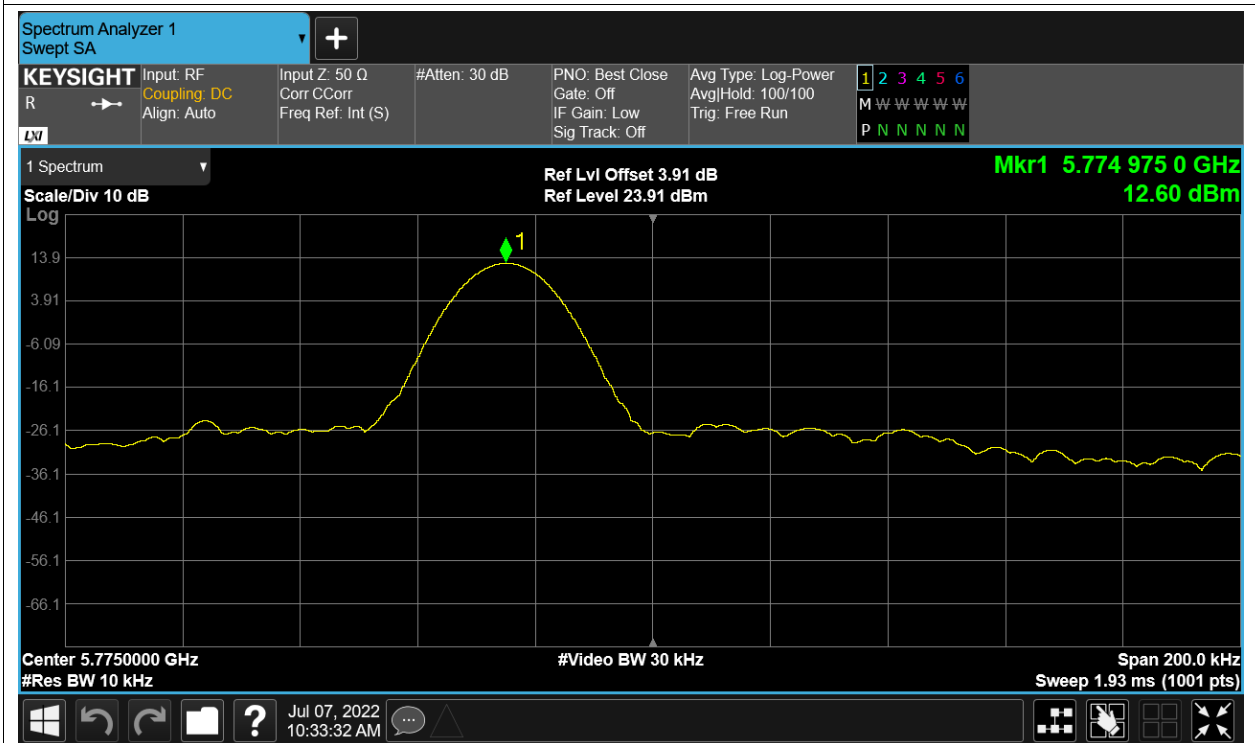
Freq. Stability NVLT a 5745MHz Ant1



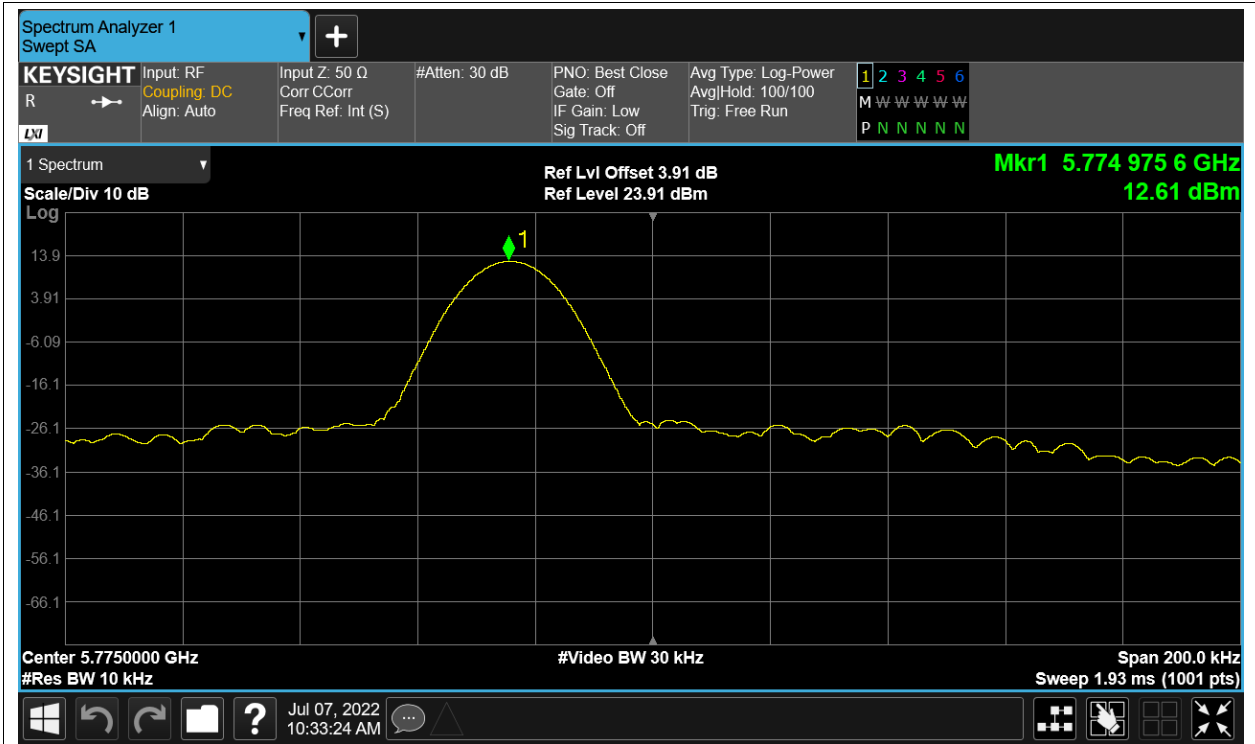
Freq. Stability NVNT a 5745MHz Ant1



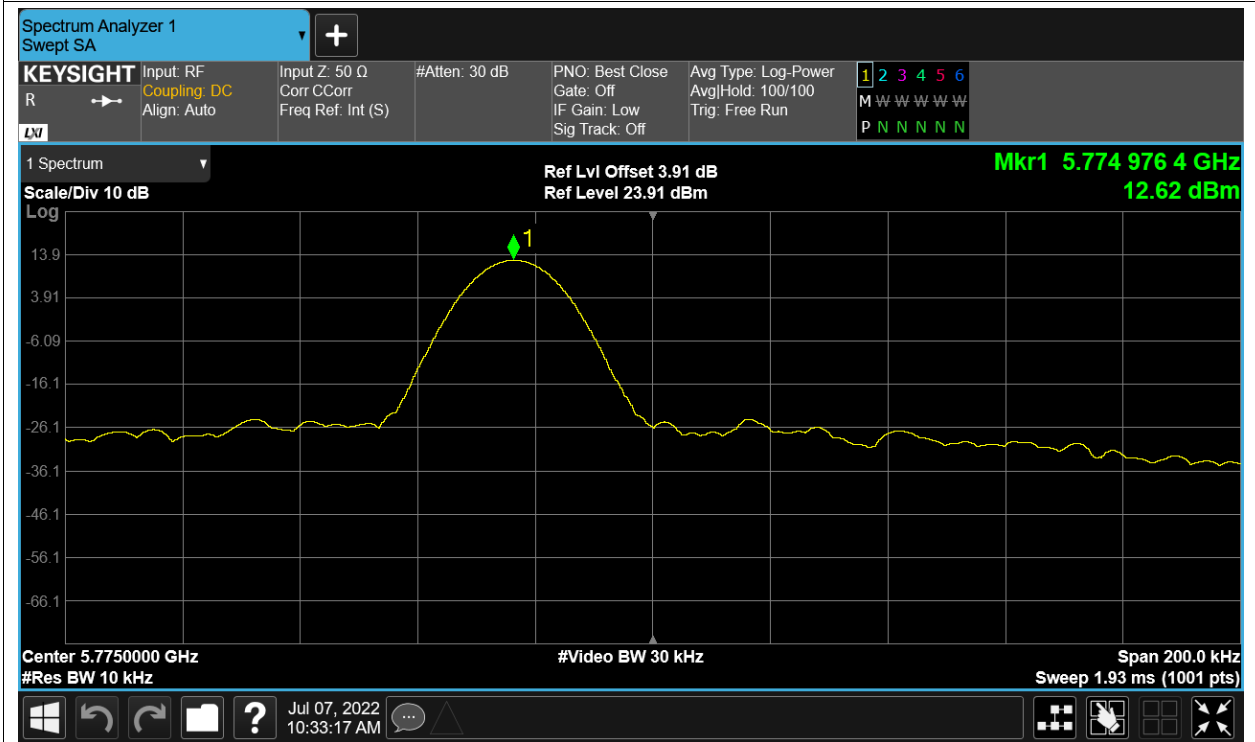
Freq. Stability HVNT ac80 5775MHz Ant1



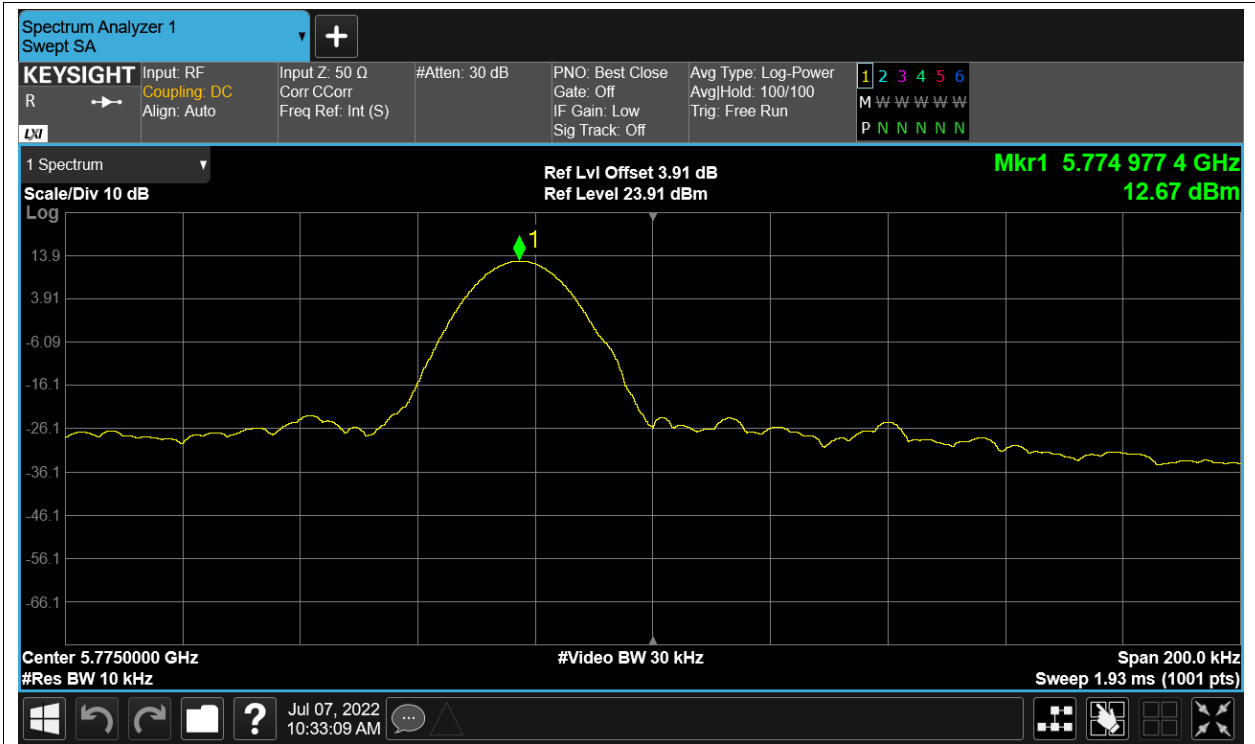
Freq. Stability LVNT ac80 5775MHz Ant1



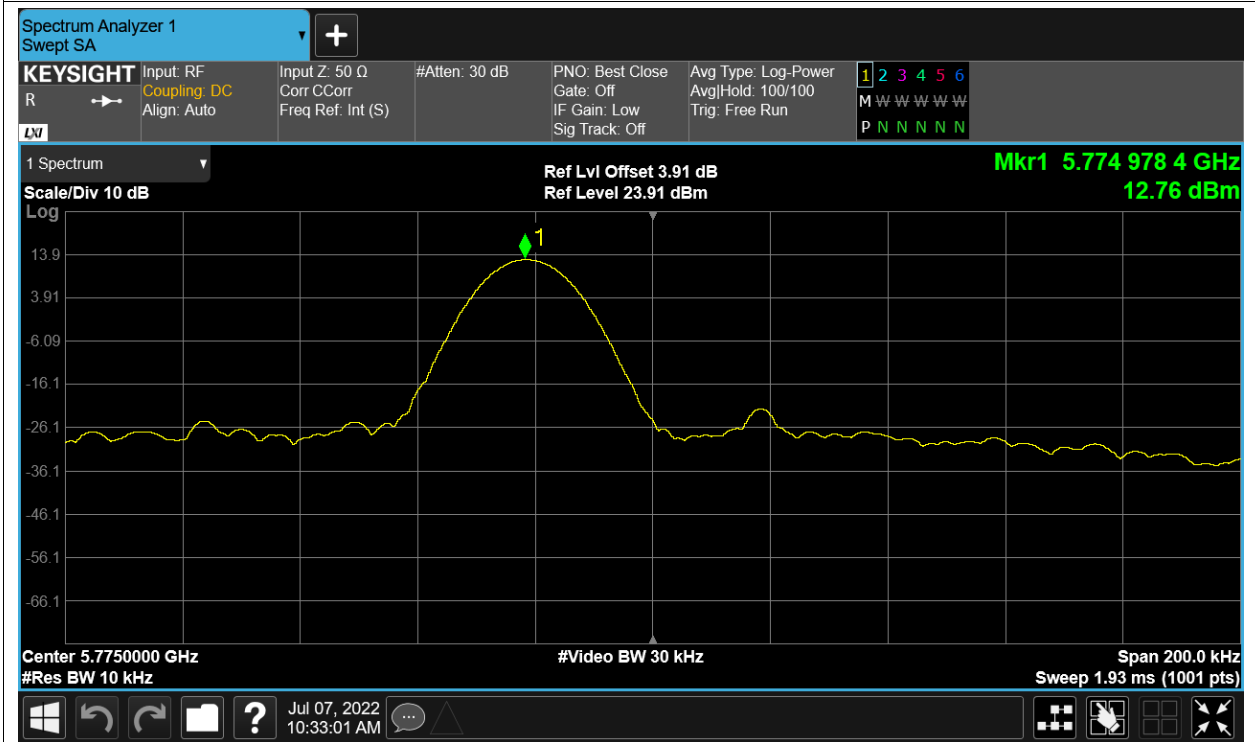
Freq. Stability NVHT ac80 5775MHz Ant1



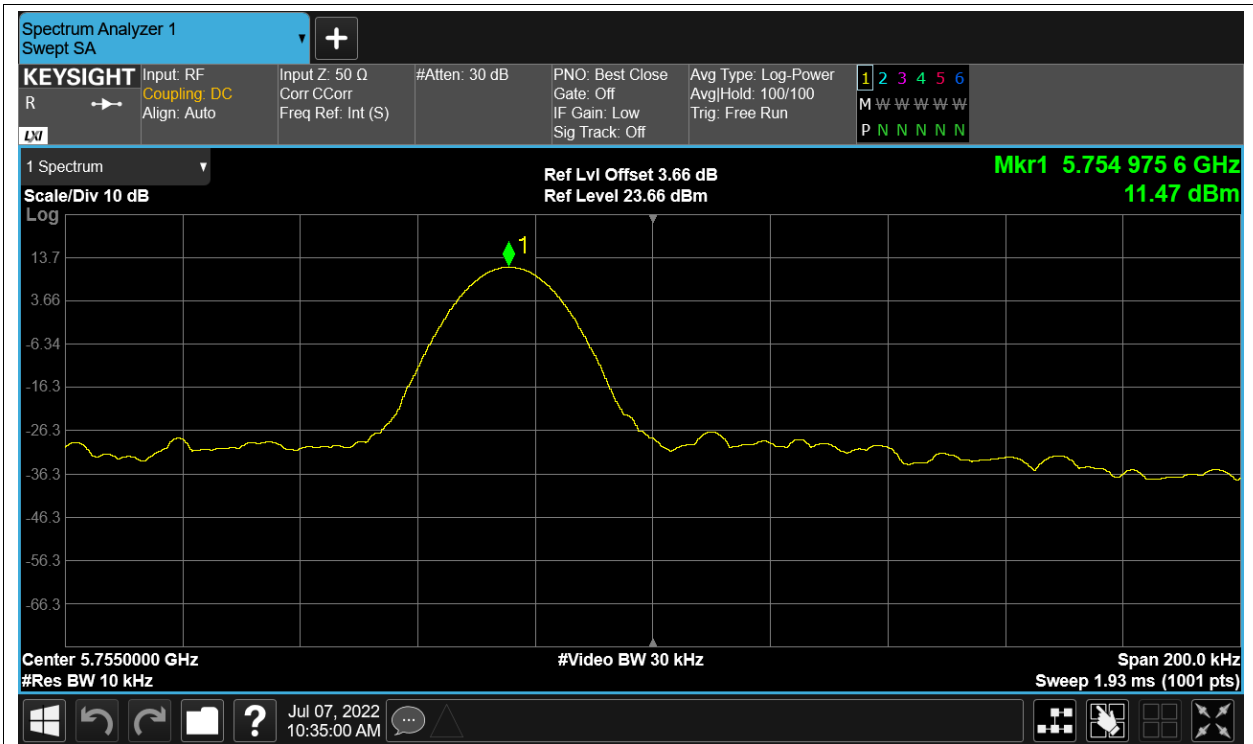
Freq. Stability NVLT ac80 5775MHz Ant1



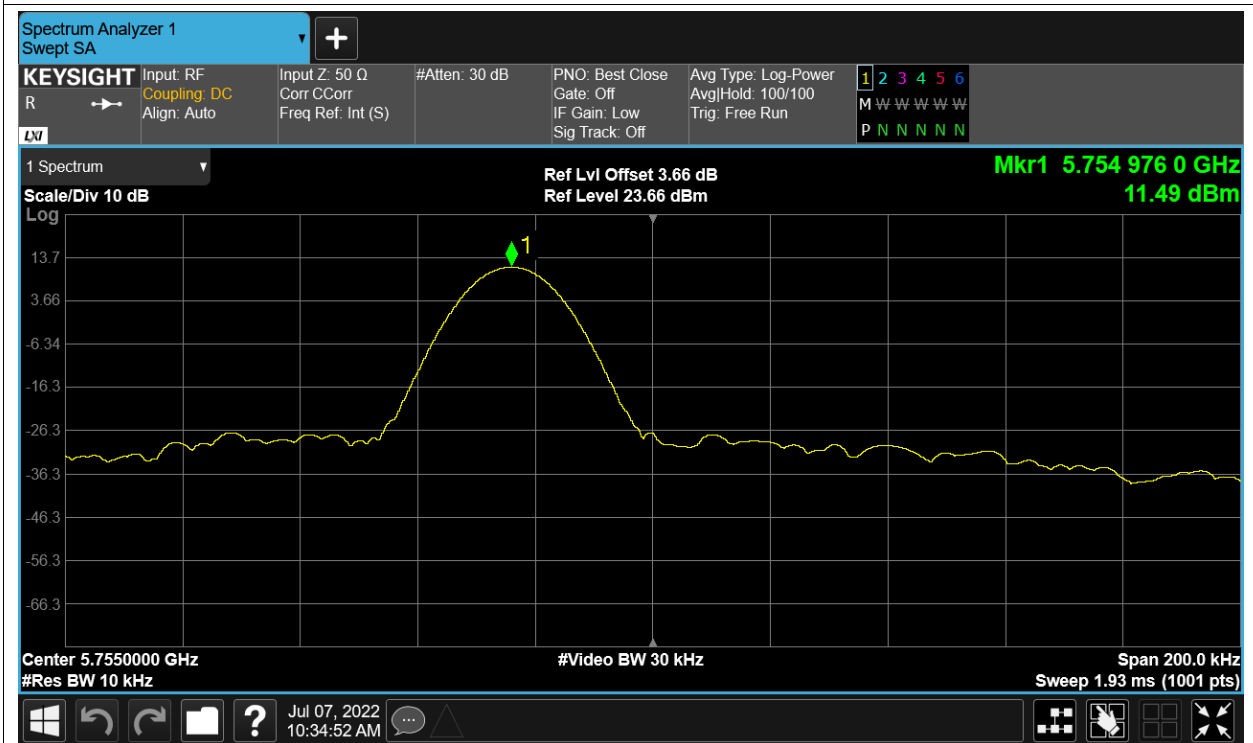
Freq. Stability NVNT ac80 5775MHz Ant1



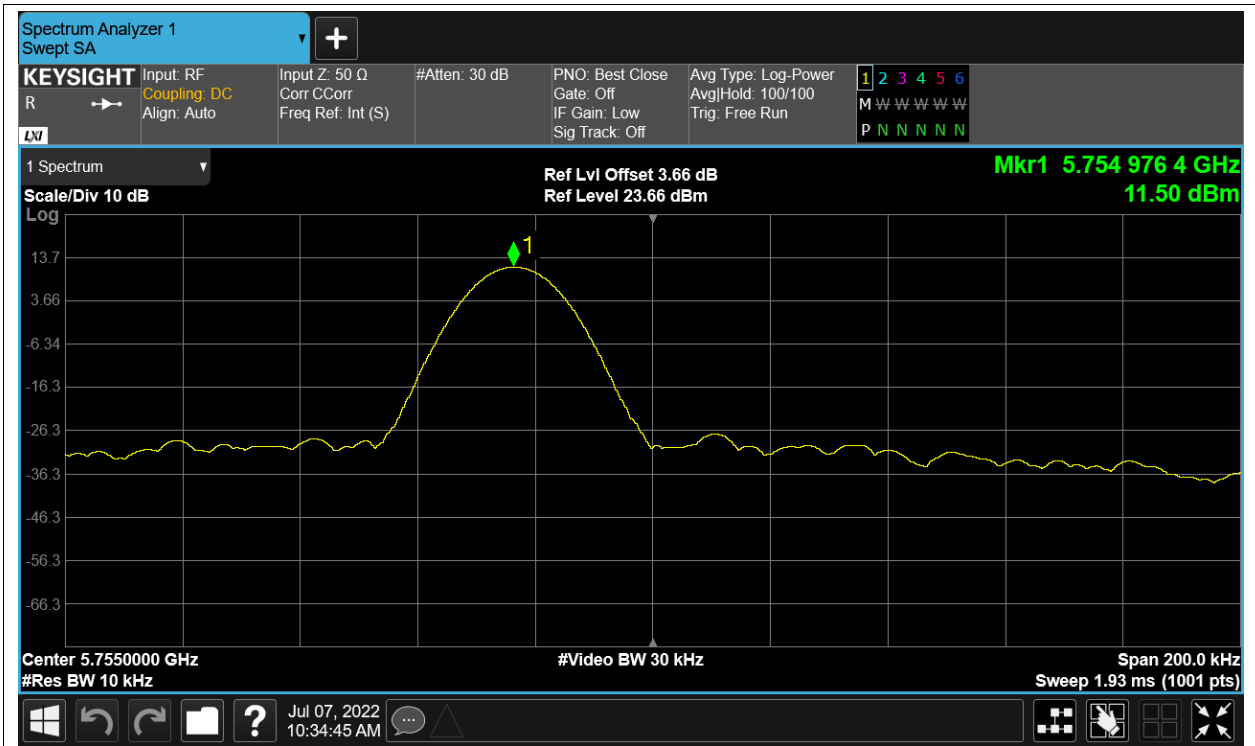
Freq. Stability HVNT n40 5755MHz Ant1



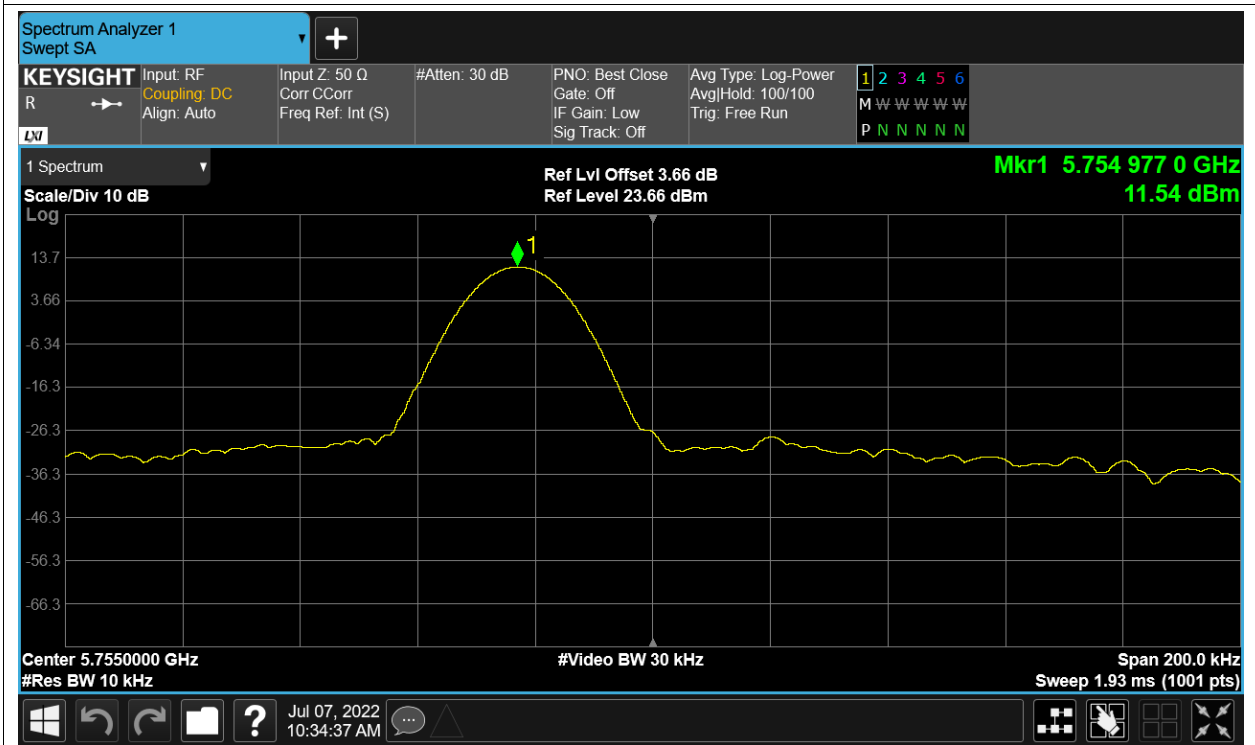
Freq. Stability LVNT n40 5755MHz Ant1



Freq. Stability NVHT n40 5755MHz Ant1

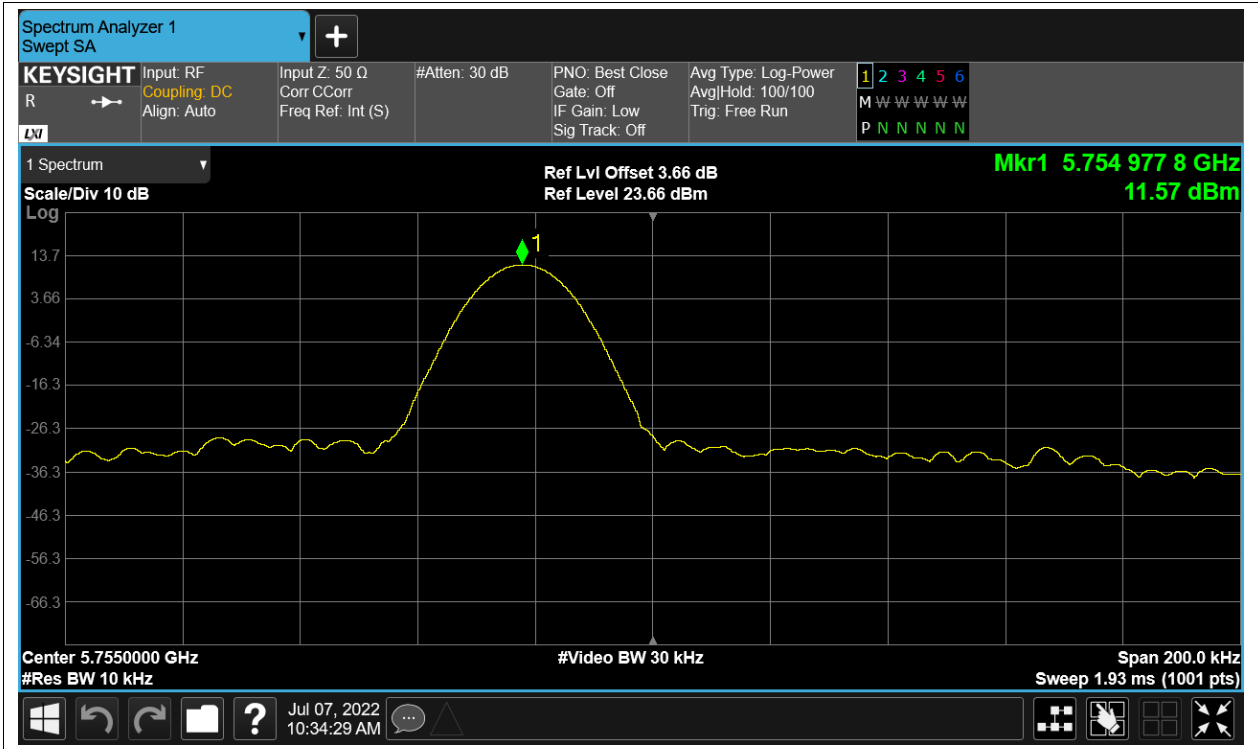


Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1



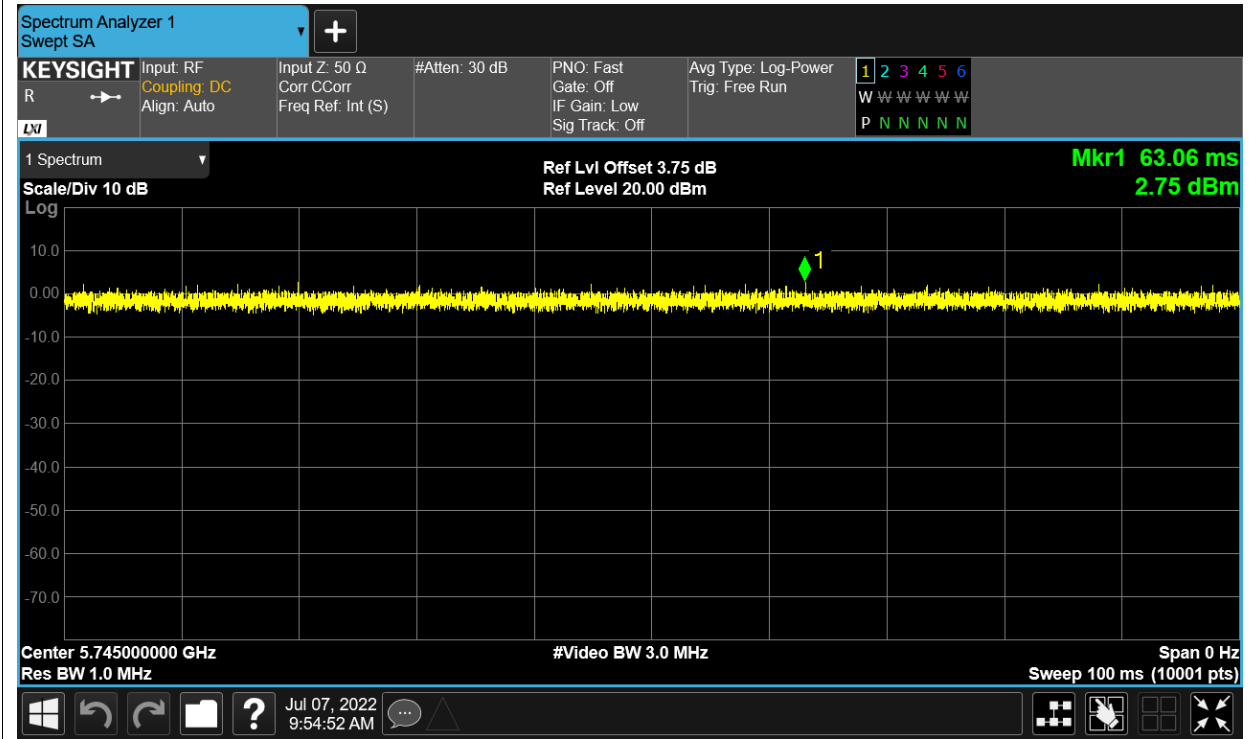


## Duty Cycle

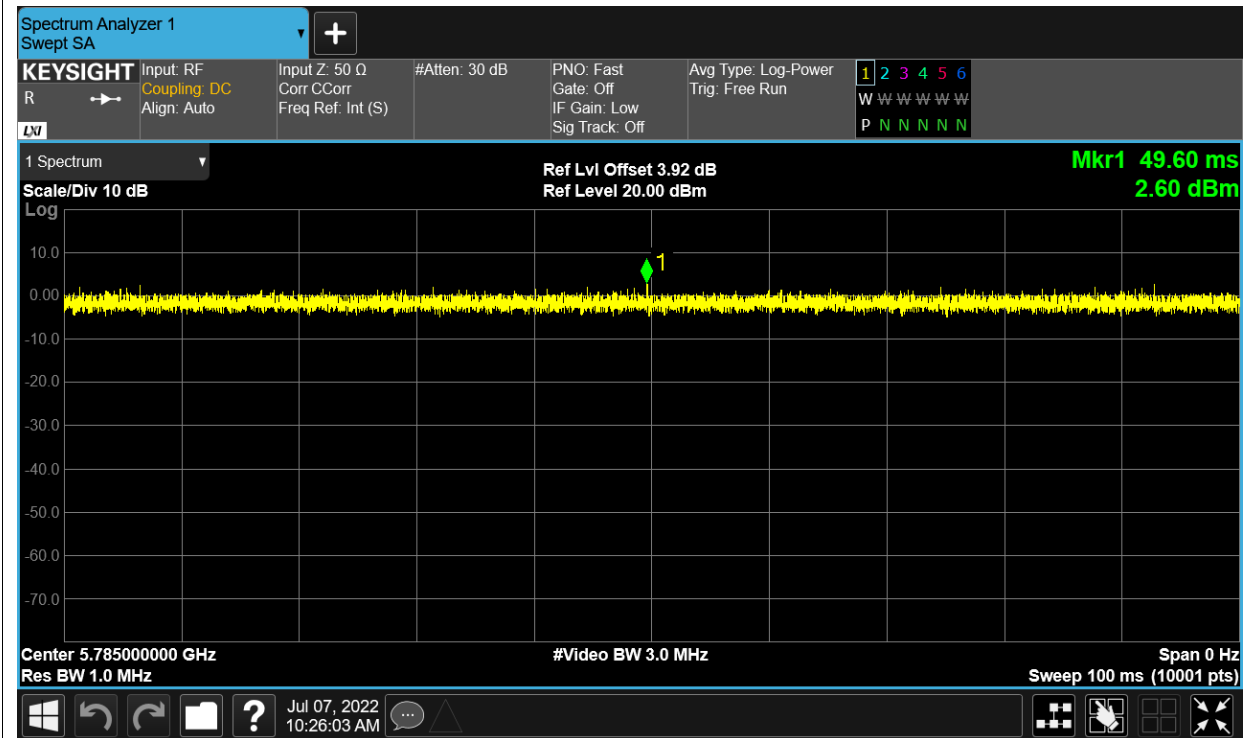
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0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

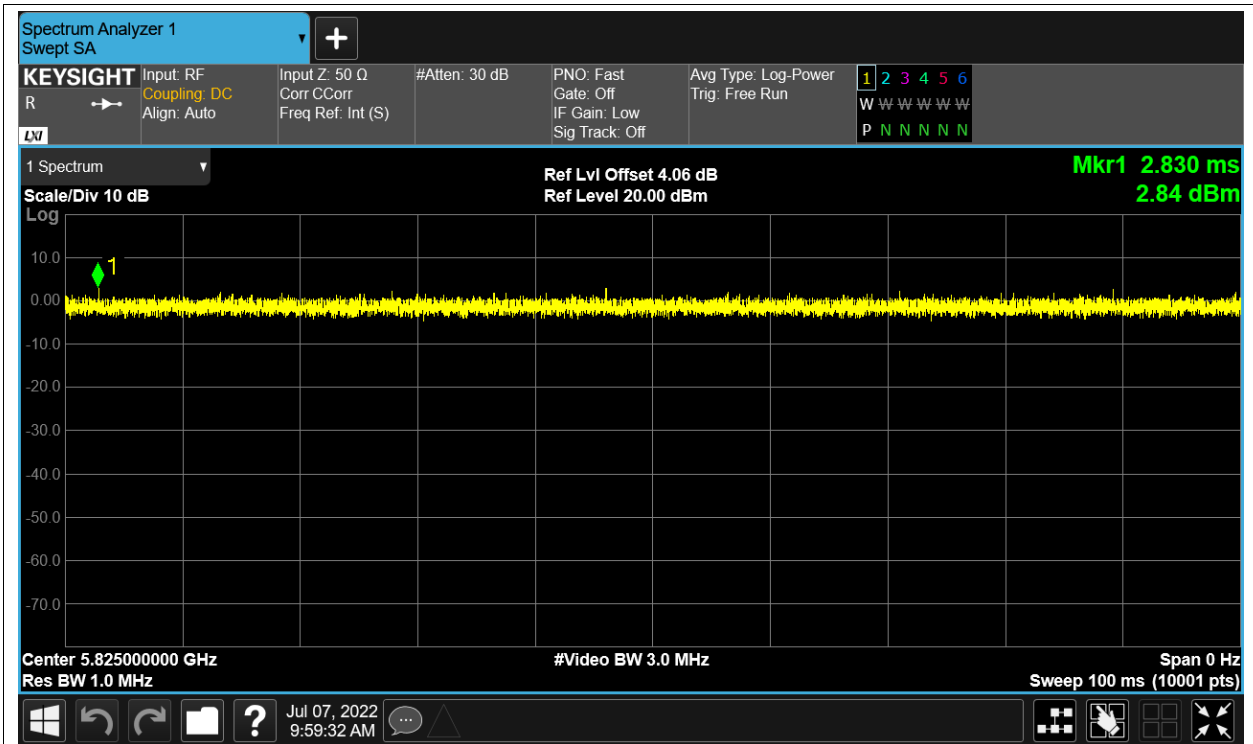
Duty Cycle NVNT a 5745MHz Ant1



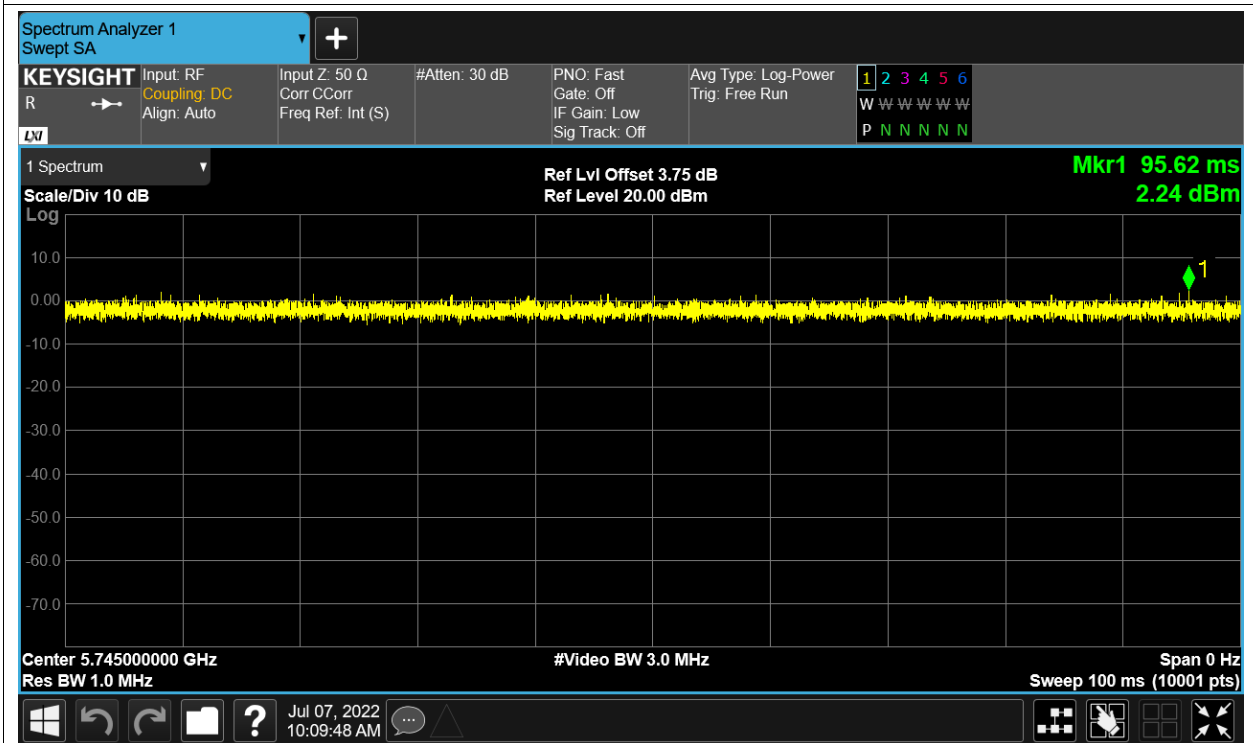
Duty Cycle NVNT a 5785MHz Ant1



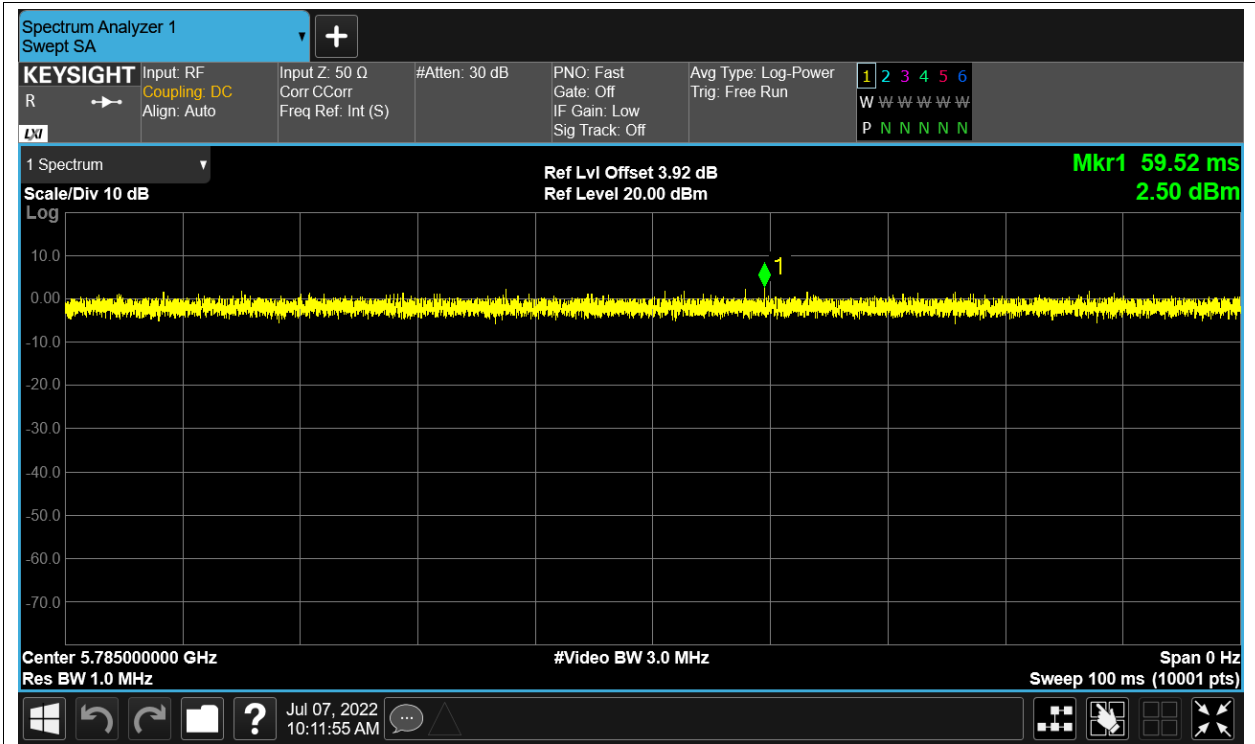
Duty Cycle NVNT a 5825MHz Ant1



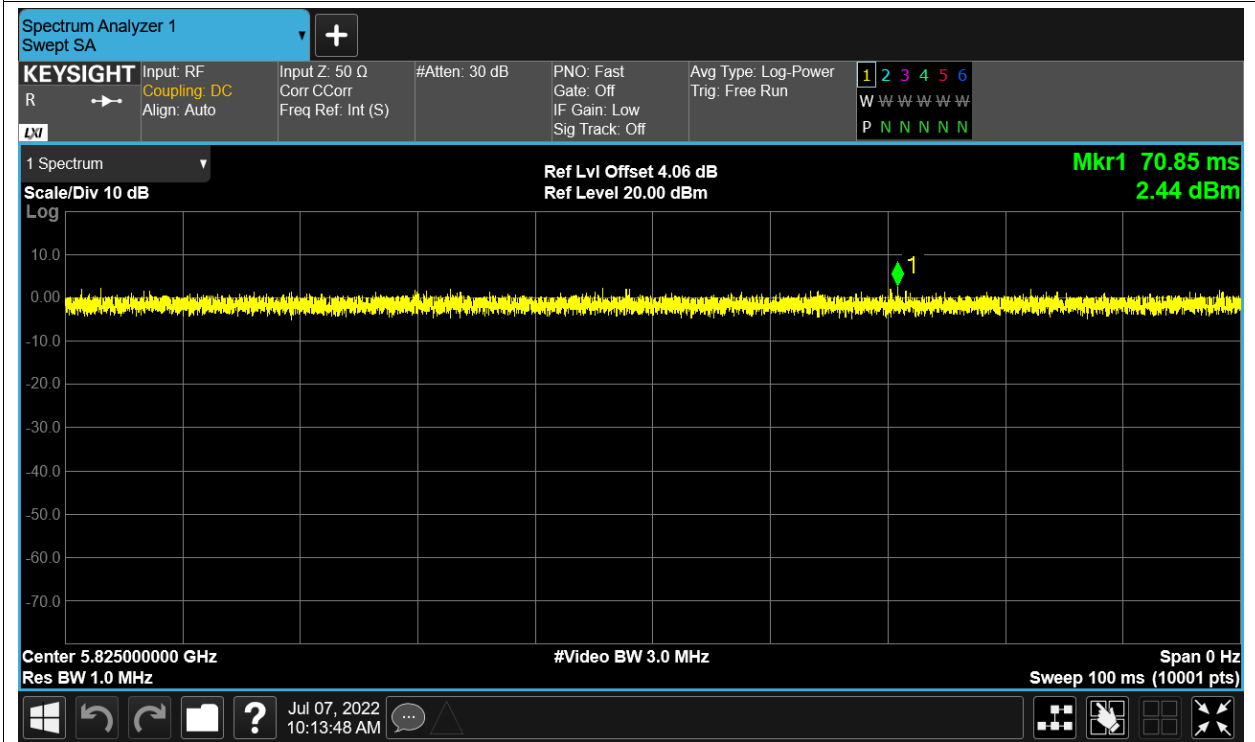
Duty Cycle NVNT ac20 5745MHz Ant1



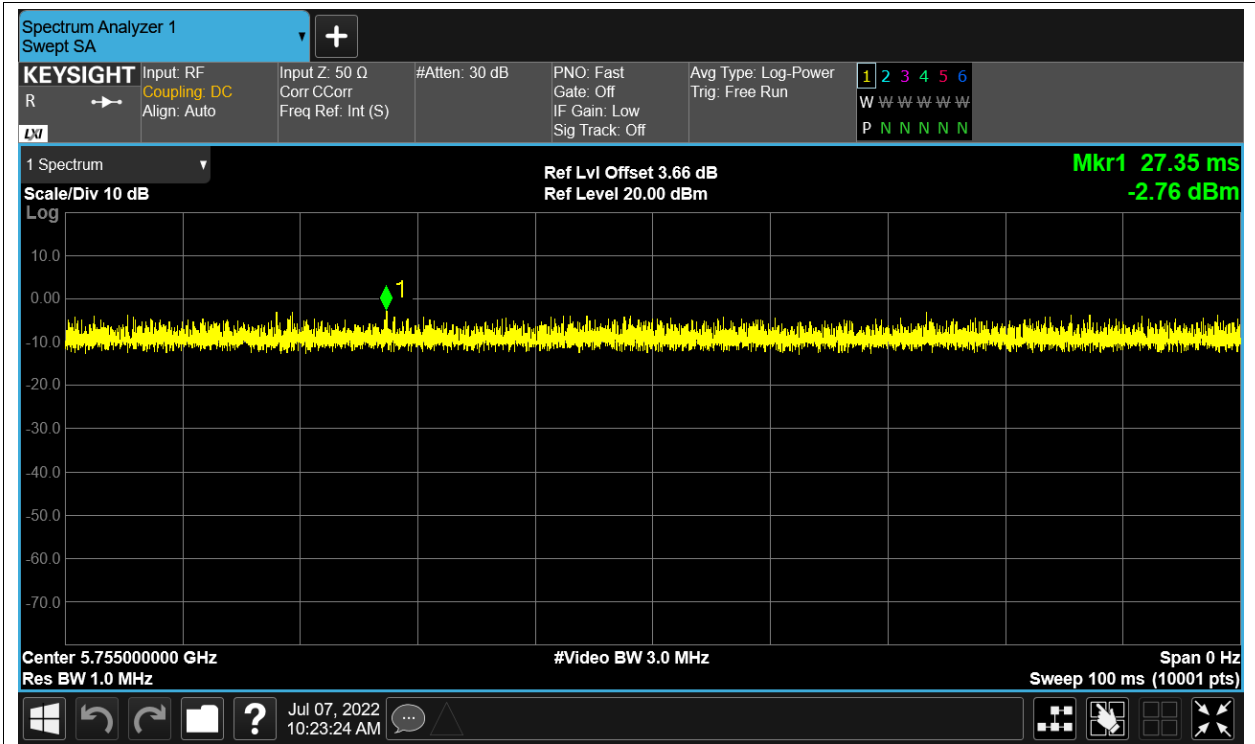
Duty Cycle NVNT ac20 5785MHz Ant1



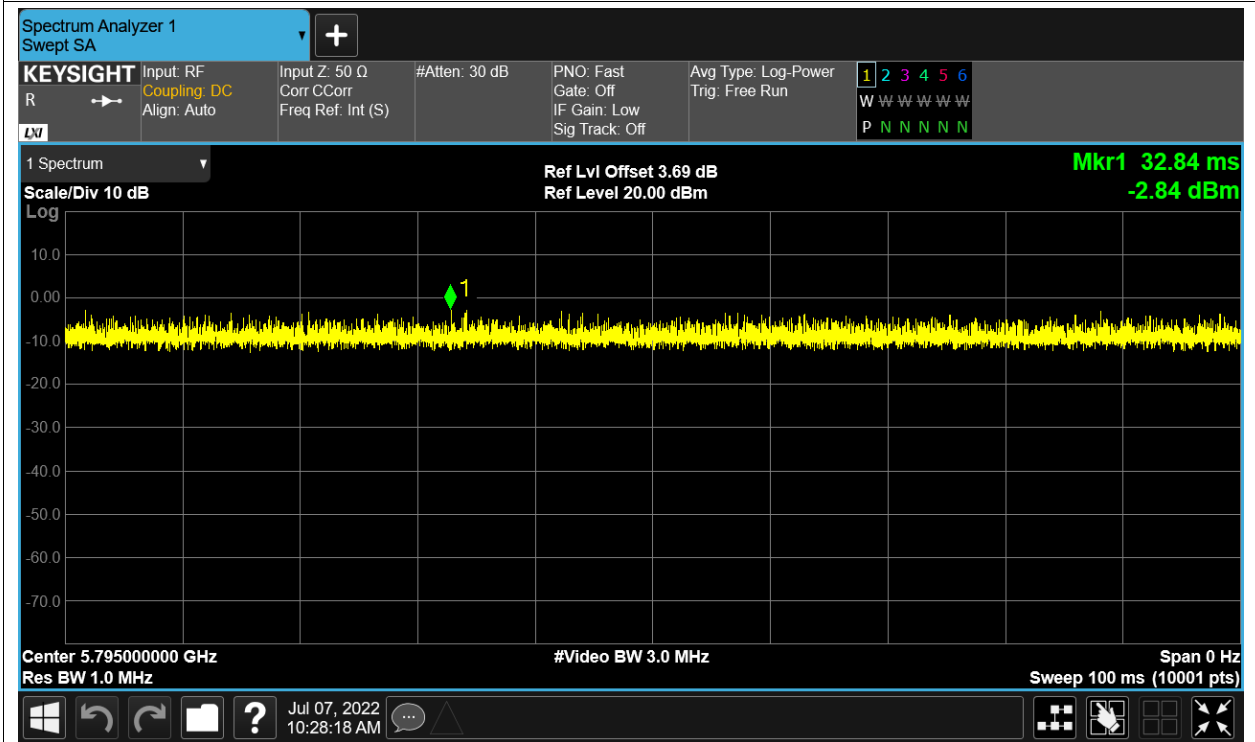
Duty Cycle NVNT ac20 5825MHz Ant1



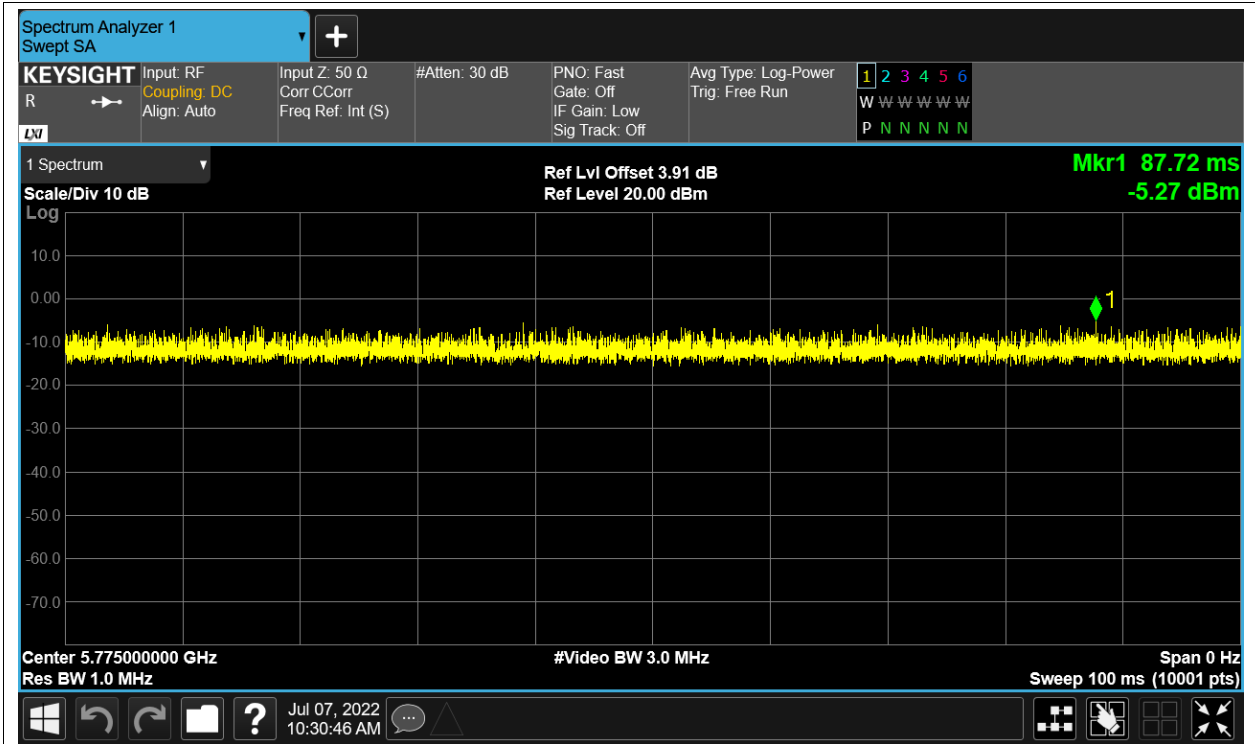
Duty Cycle NVNT ac40 5755MHz Ant1



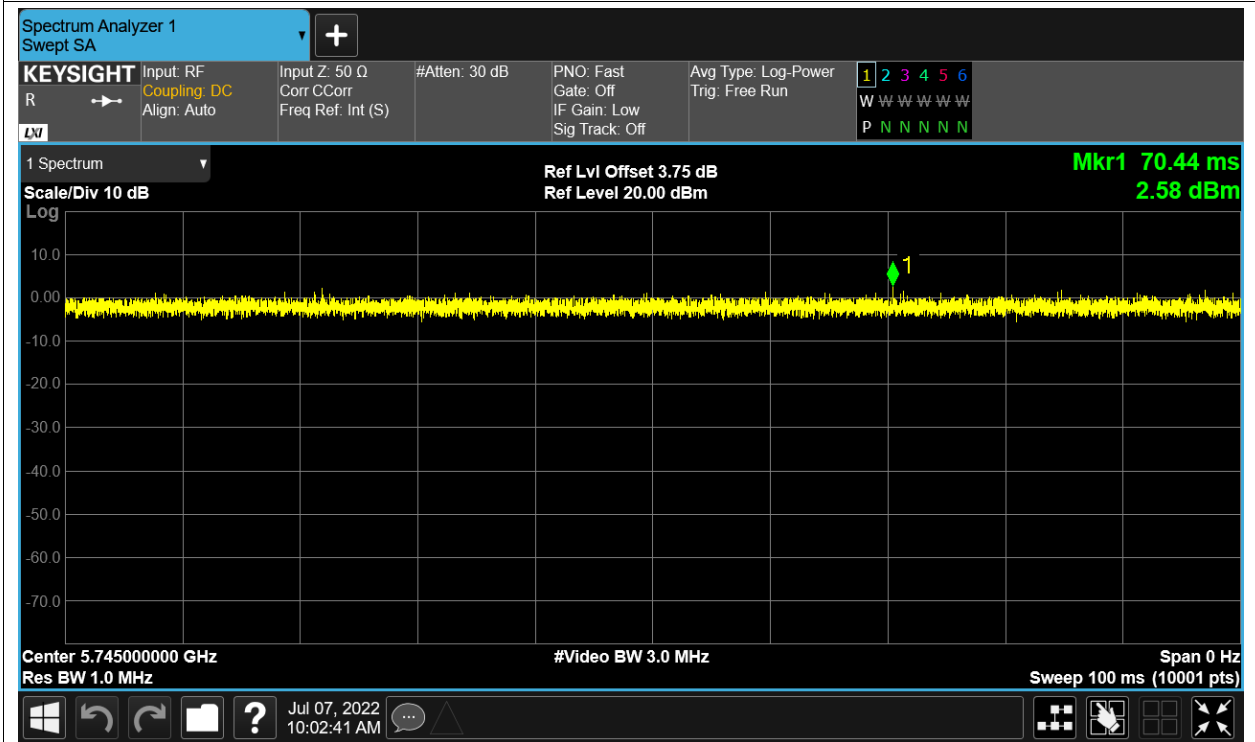
Duty Cycle NVNT ac40 5795MHz Ant1



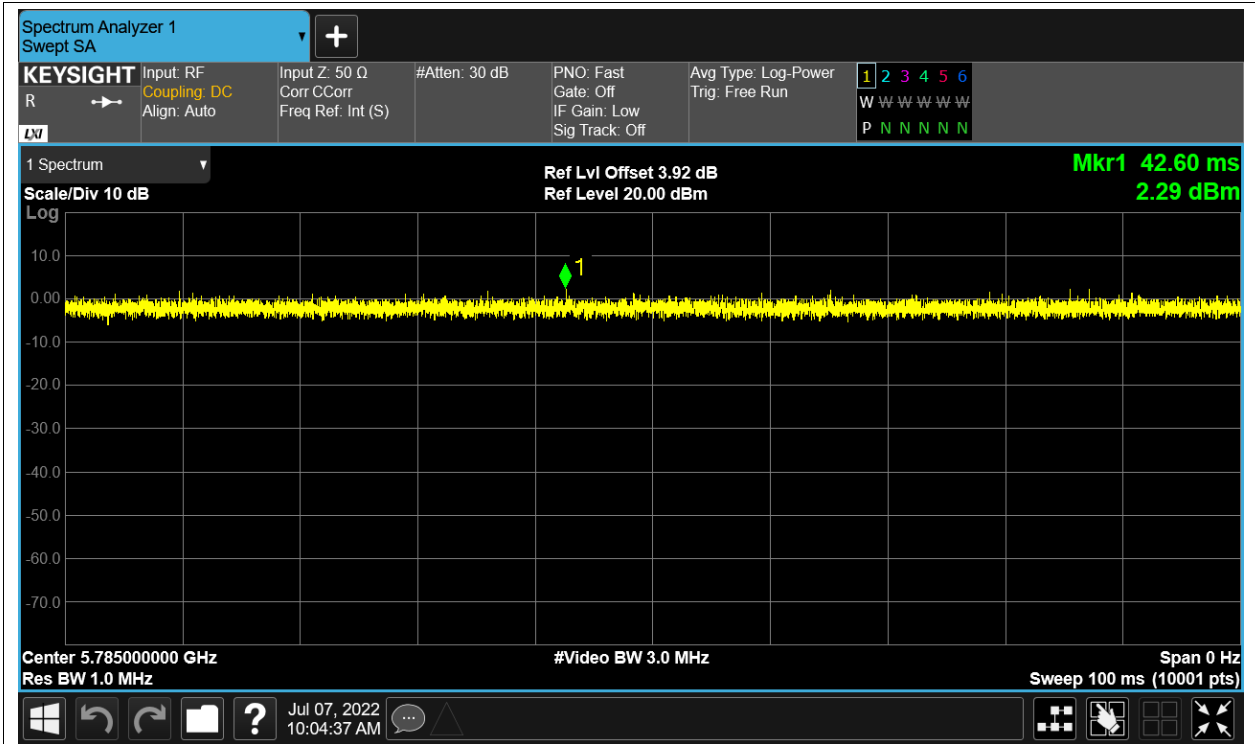
Duty Cycle NVNT ac80 5775MHz Ant1



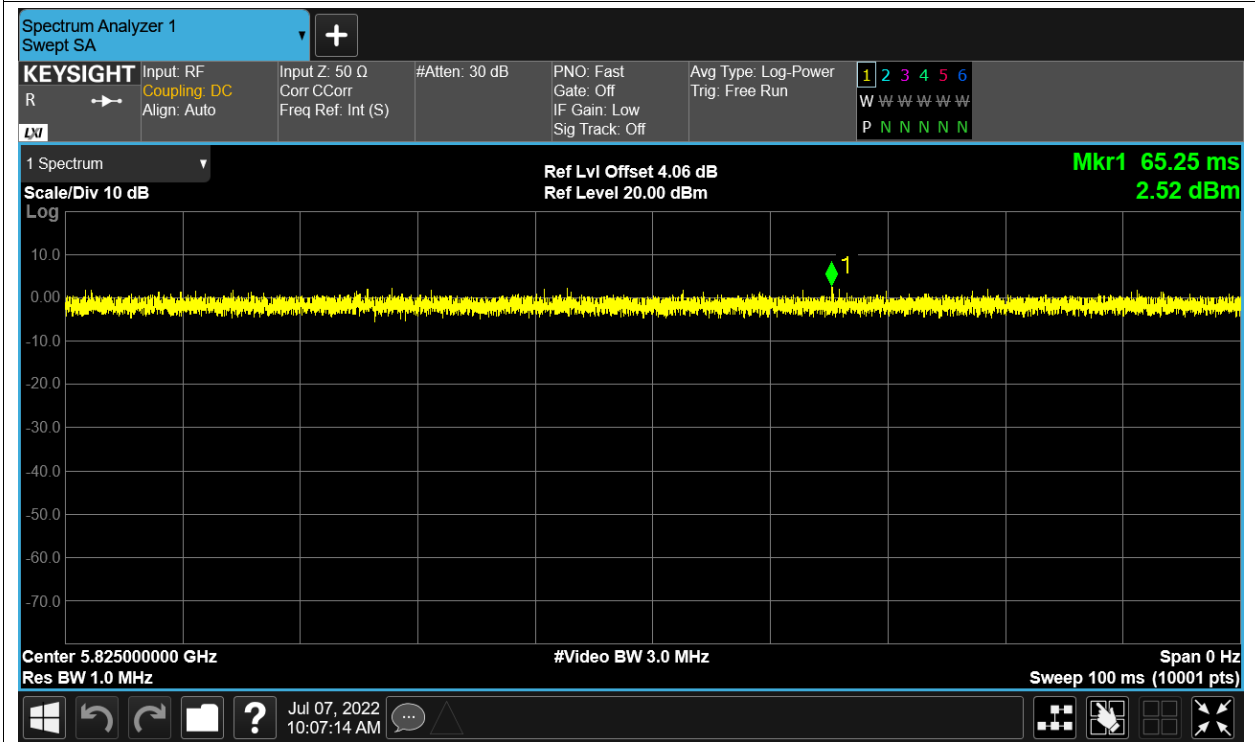
Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1

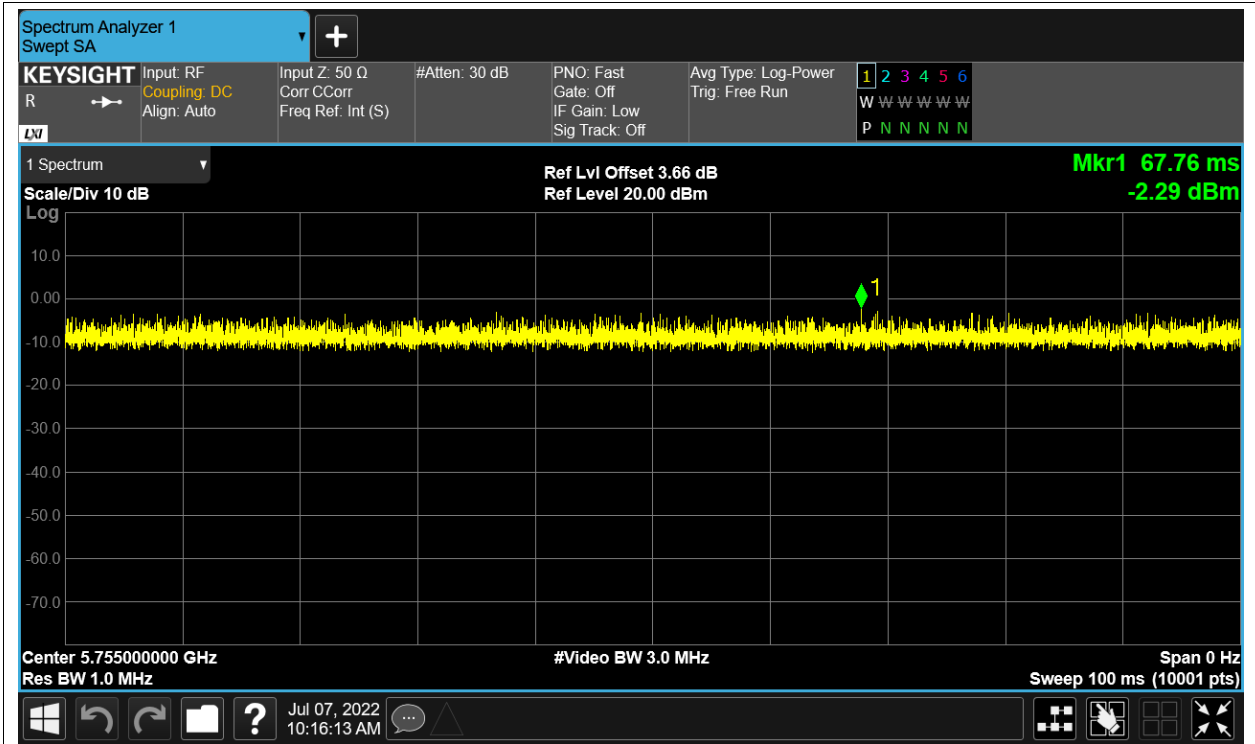


Duty Cycle NVNT n20 5825MHz Ant1

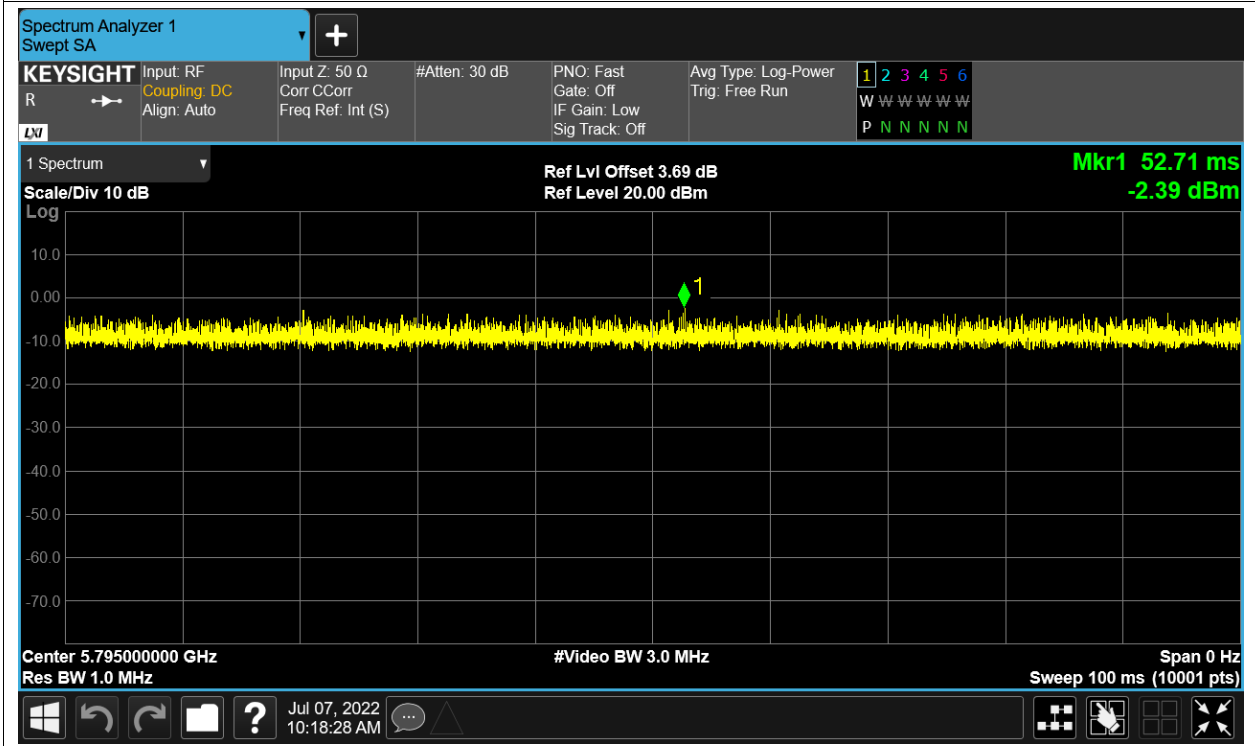


Duty Cycle NVNT n40 5755MHz Ant1





Duty Cycle NVNT n40 5795MHz Ant1

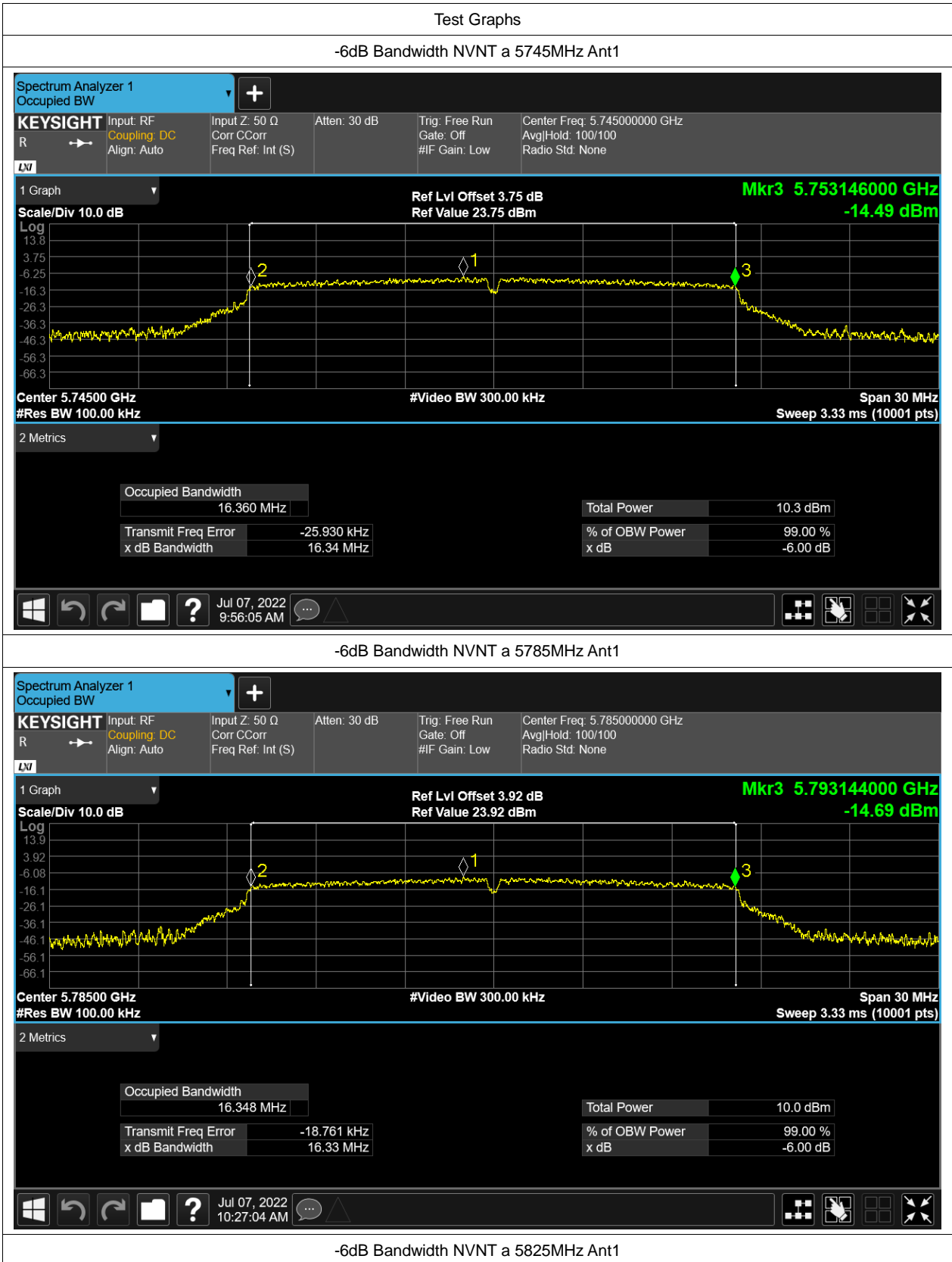


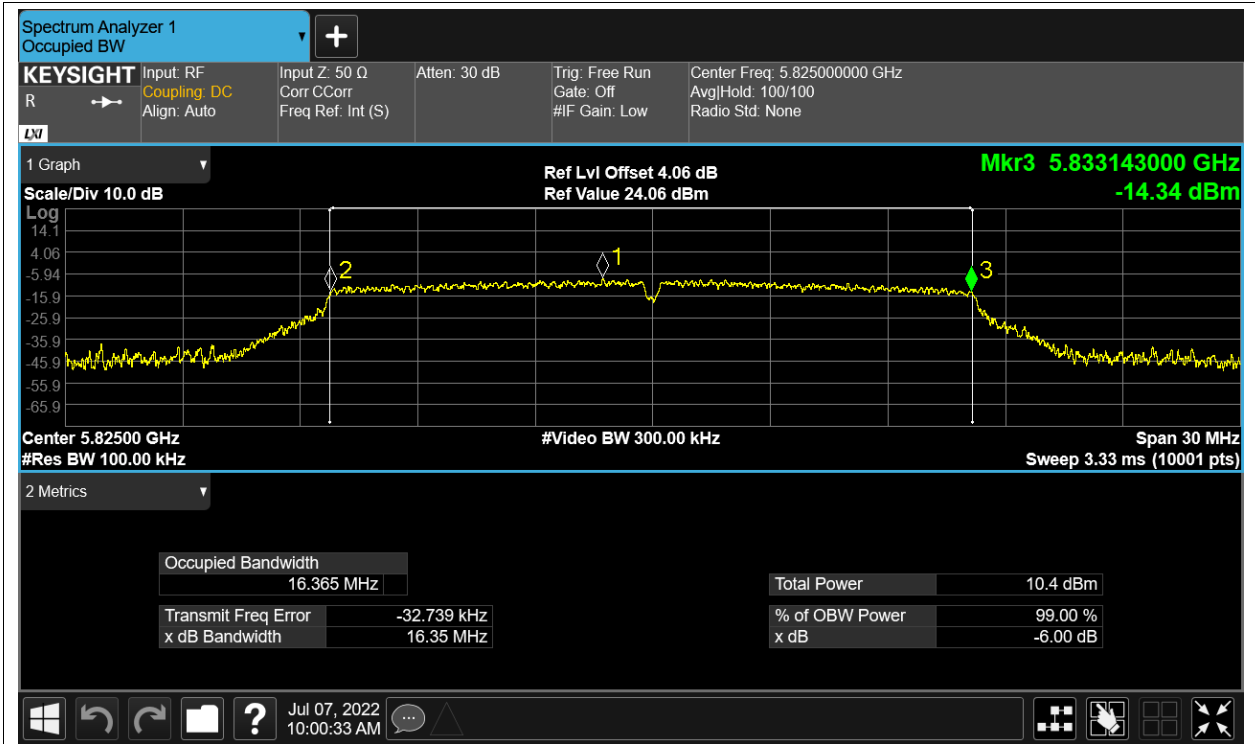
## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.16	0	9.16	30	Pass
NVNT	a	5785	Ant1	8	0	8	30	Pass
NVNT	a	5825	Ant1	9.6	0	9.6	30	Pass
NVNT	ac20	5745	Ant1	8.64	0	8.64	30	Pass
NVNT	ac20	5785	Ant1	7.98	0	7.98	30	Pass
NVNT	ac20	5825	Ant1	9.49	0	9.49	30	Pass
NVNT	ac40	5755	Ant1	8.22	0	8.22	30	Pass
NVNT	ac40	5795	Ant1	8.03	0	8.03	30	Pass
NVNT	ac80	5775	Ant1	8.29	0	8.29	30	Pass
NVNT	n20	5745	Ant1	8.72	0	8.72	30	Pass
NVNT	n20	5785	Ant1	7.78	0	7.78	30	Pass
NVNT	n20	5825	Ant1	9.5	0	9.5	30	Pass
NVNT	n40	5755	Ant1	8.52	0	8.52	30	Pass
NVNT	n40	5795	Ant1	8.21	0	8.21	30	Pass

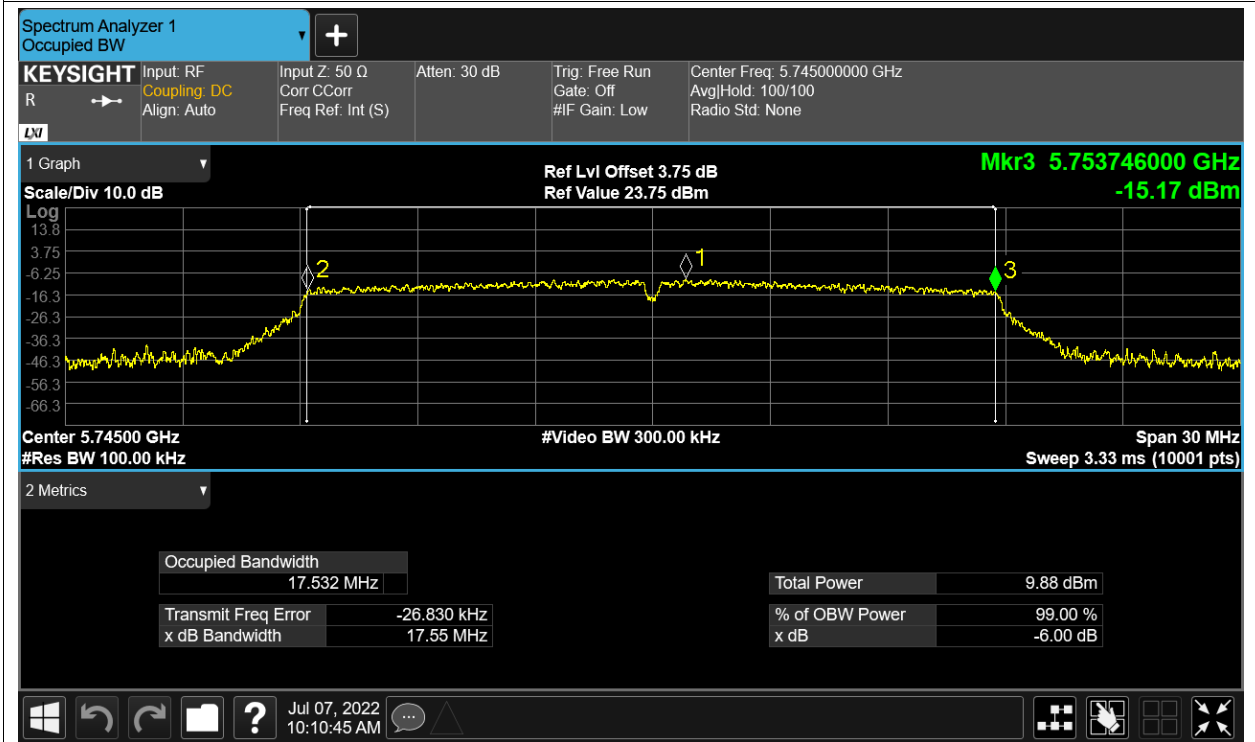
## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.344	0.5	Pass
NVNT	a	5785	Ant1	16.326	0.5	Pass
NVNT	a	5825	Ant1	16.351	0.5	Pass
NVNT	ac20	5745	Ant1	17.546	0.5	Pass
NVNT	ac20	5785	Ant1	17.574	0.5	Pass
NVNT	ac20	5825	Ant1	17.56	0.5	Pass
NVNT	ac40	5755	Ant1	35.925	0.5	Pass
NVNT	ac40	5795	Ant1	36.146	0.5	Pass
NVNT	ac80	5775	Ant1	76.306	0.5	Pass
NVNT	n20	5745	Ant1	17.562	0.5	Pass
NVNT	n20	5785	Ant1	17.58	0.5	Pass
NVNT	n20	5825	Ant1	17.575	0.5	Pass
NVNT	n40	5755	Ant1	35.981	0.5	Pass
NVNT	n40	5795	Ant1	35.929	0.5	Pass

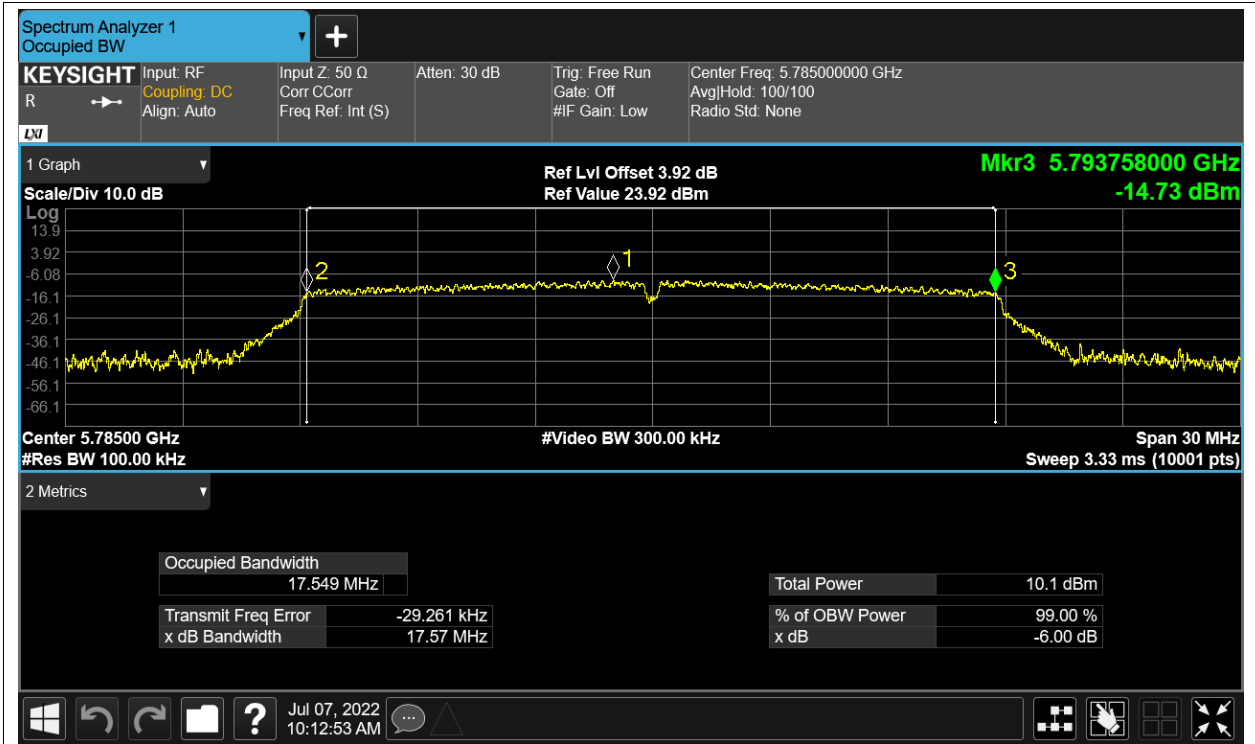




-6dB Bandwidth NVNT ac20 5745MHz Ant1



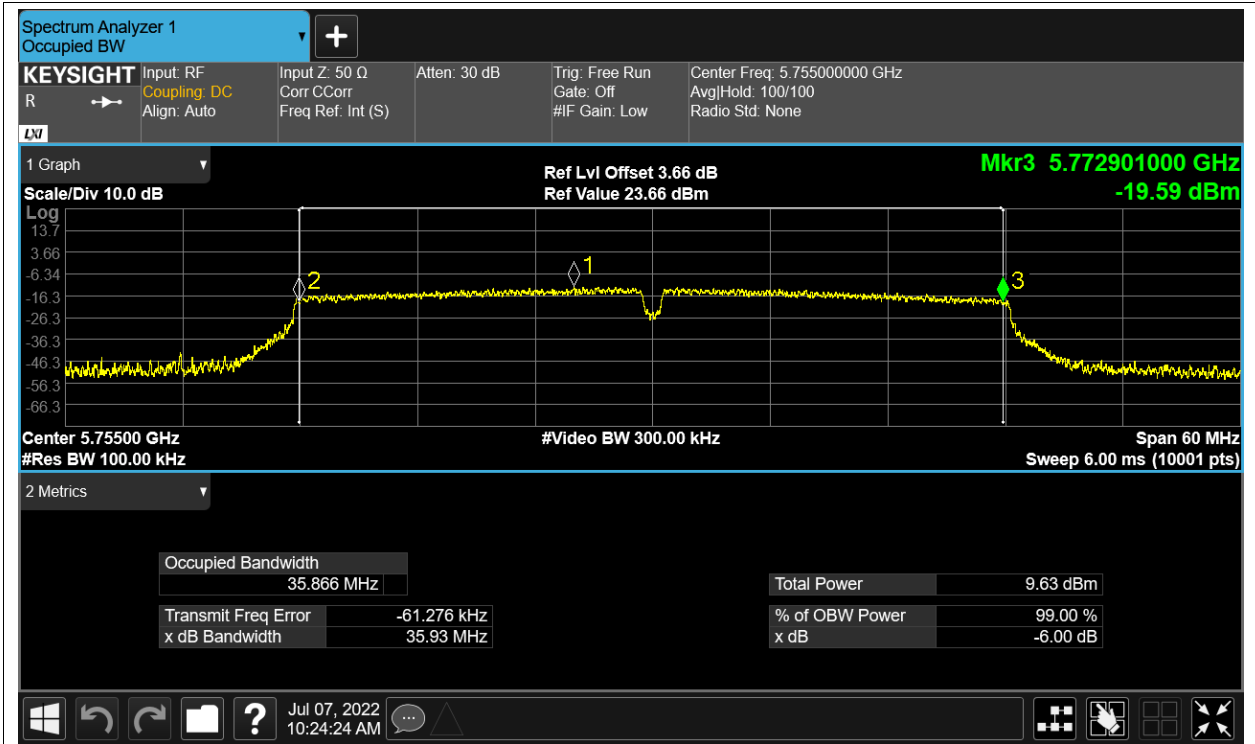
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



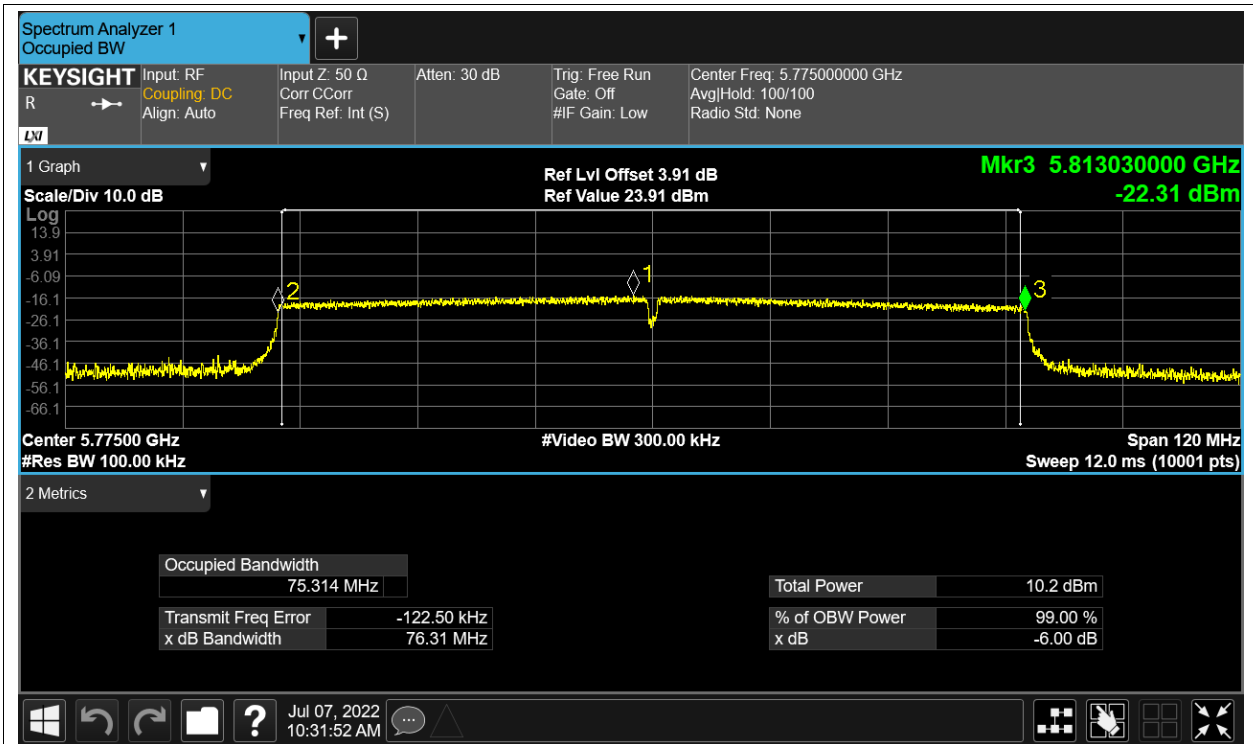
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

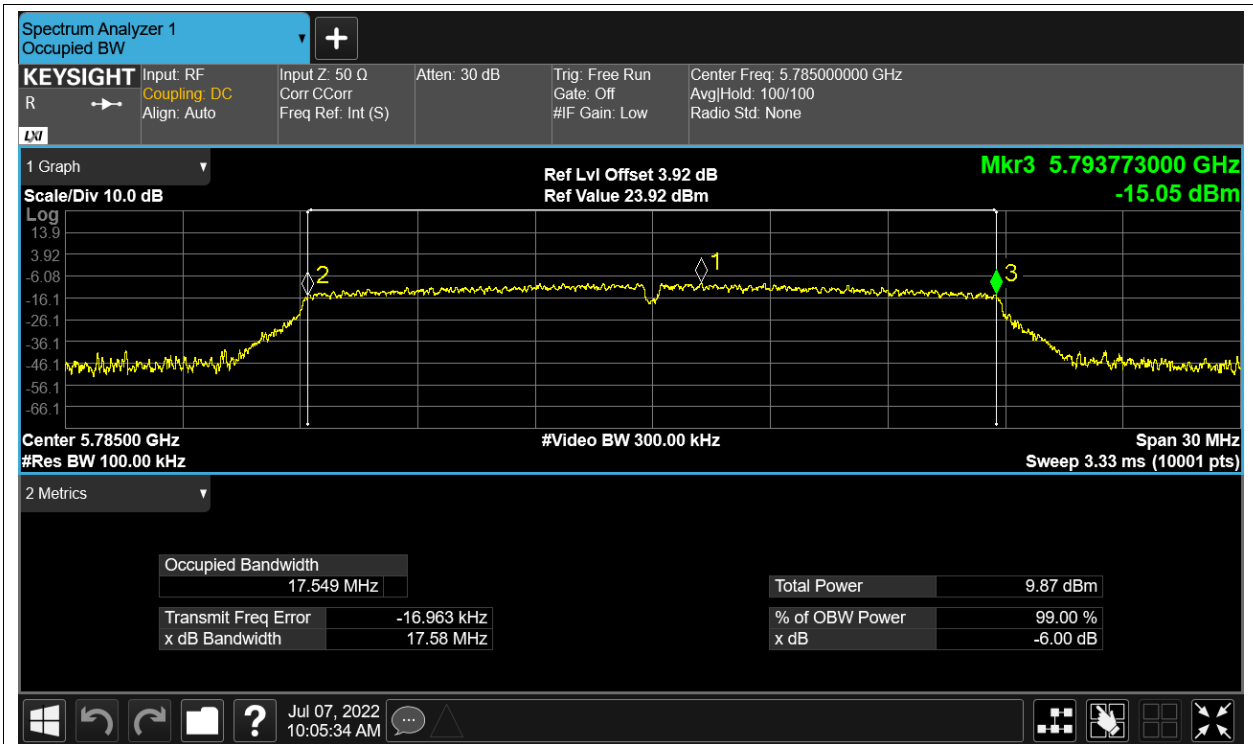


-6dB Bandwidth NVNT n20 5745MHz Ant1

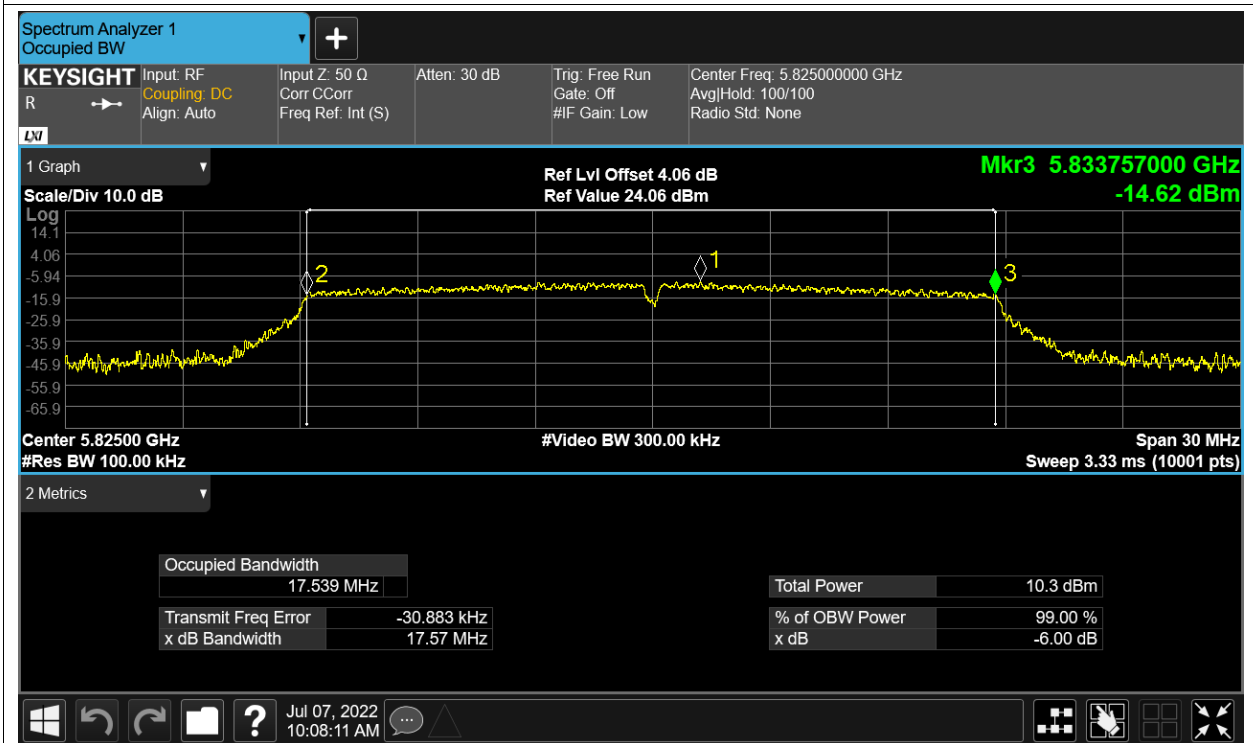


-6dB Bandwidth NVNT n20 5785MHz Ant1





-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

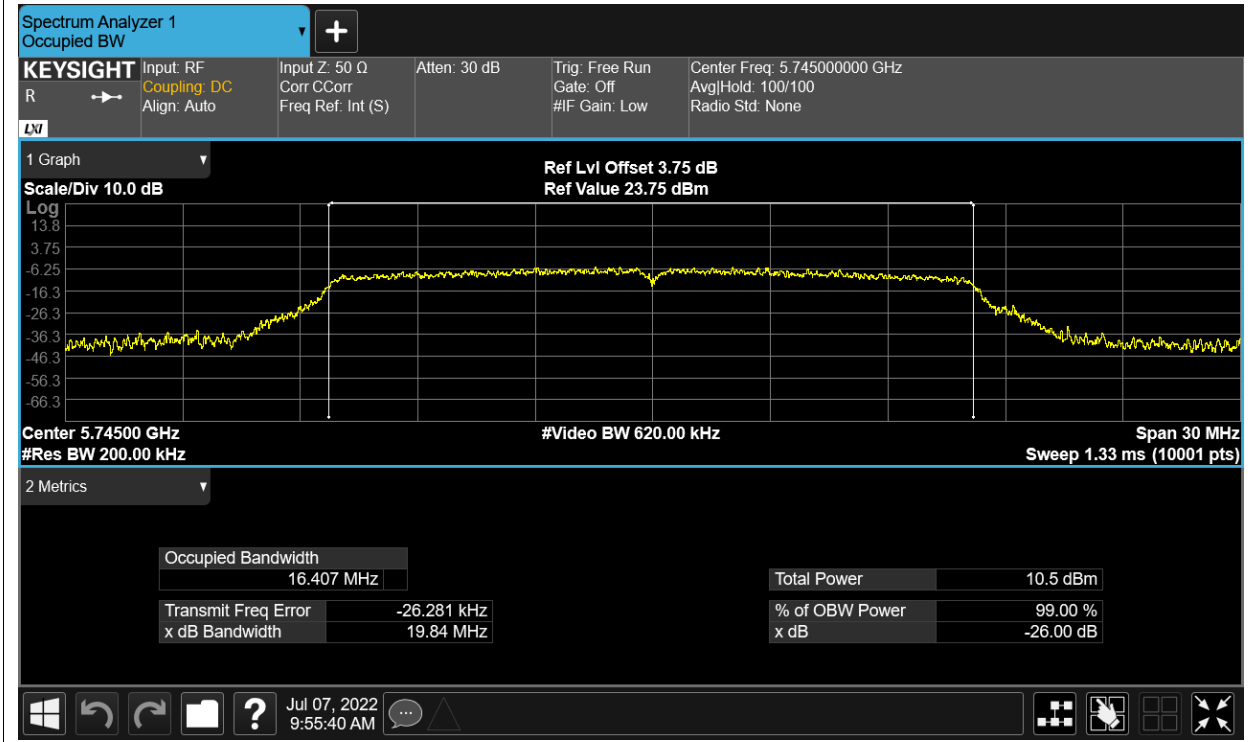


## Occupied Channel Bandwidth

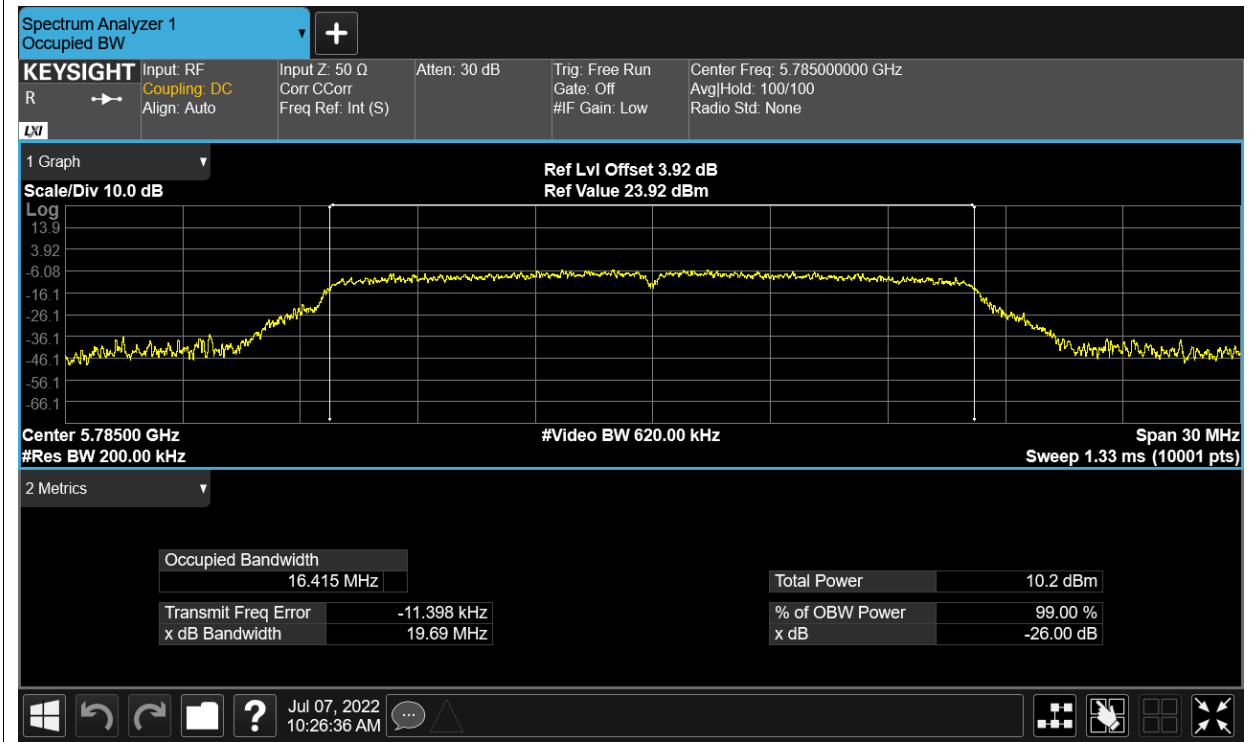
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.40678212
NVNT	a	5785	Ant1	16.41450354
NVNT	a	5825	Ant1	16.4131871
NVNT	ac20	5745	Ant1	17.56250579
NVNT	ac20	5785	Ant1	17.5464696
NVNT	ac20	5825	Ant1	17.56390733
NVNT	ac40	5755	Ant1	35.96648732
NVNT	ac40	5795	Ant1	35.97142745
NVNT	ac80	5775	Ant1	75.3027568
NVNT	n20	5745	Ant1	17.5544443
NVNT	n20	5785	Ant1	17.55399273
NVNT	n20	5825	Ant1	17.56419331
NVNT	n40	5755	Ant1	35.94495783
NVNT	n40	5795	Ant1	35.97248431

Test Graphs

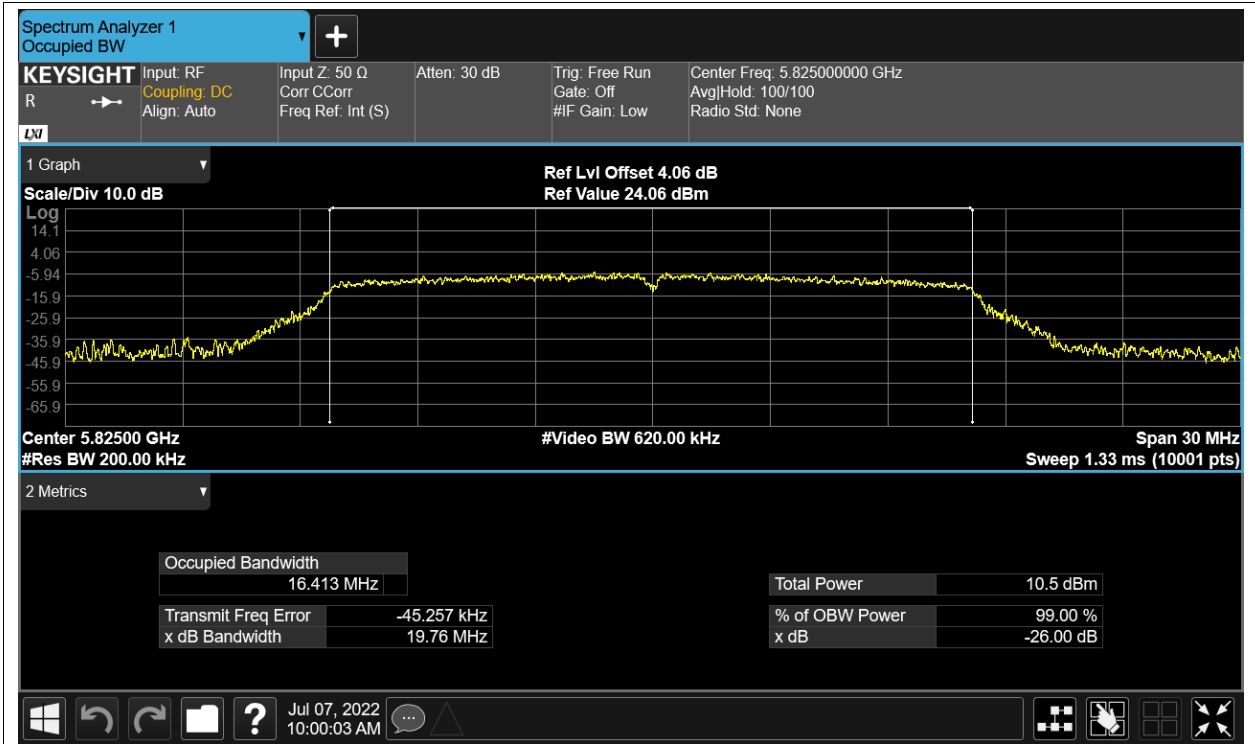
OBW NVNT a 5745MHz Ant1



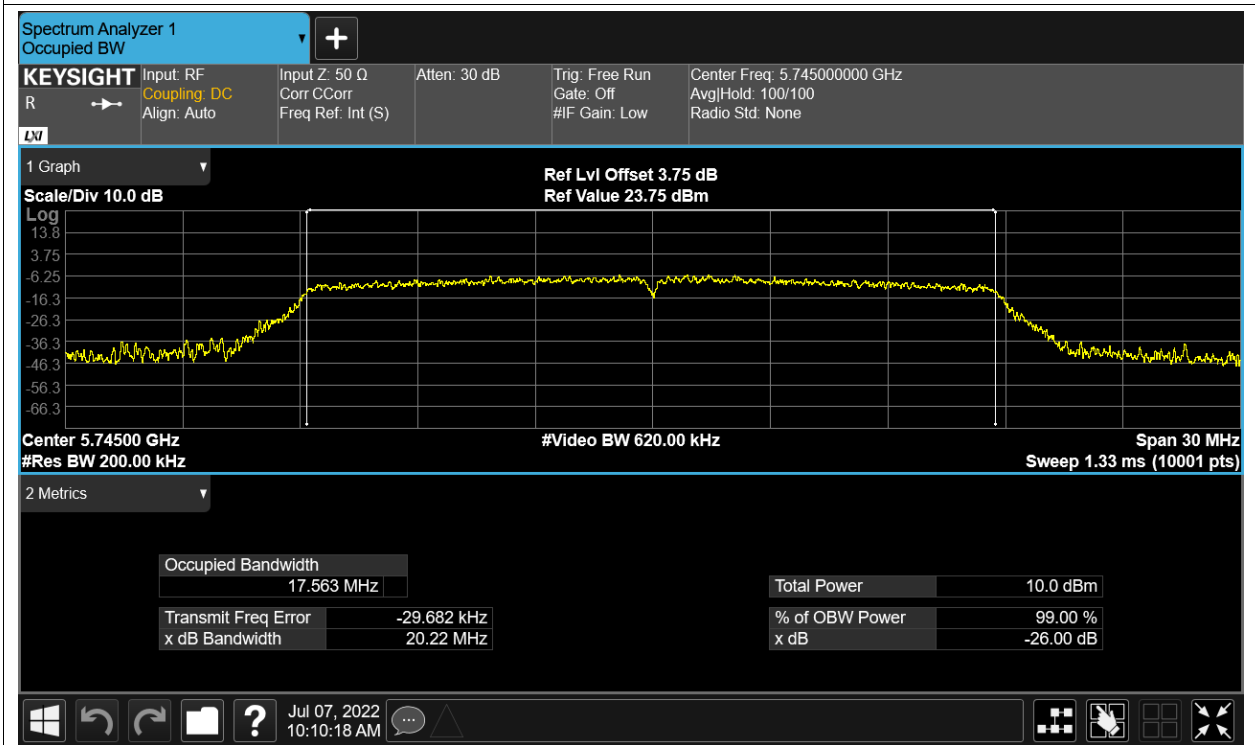
OBW NVNT a 5785MHz Ant1



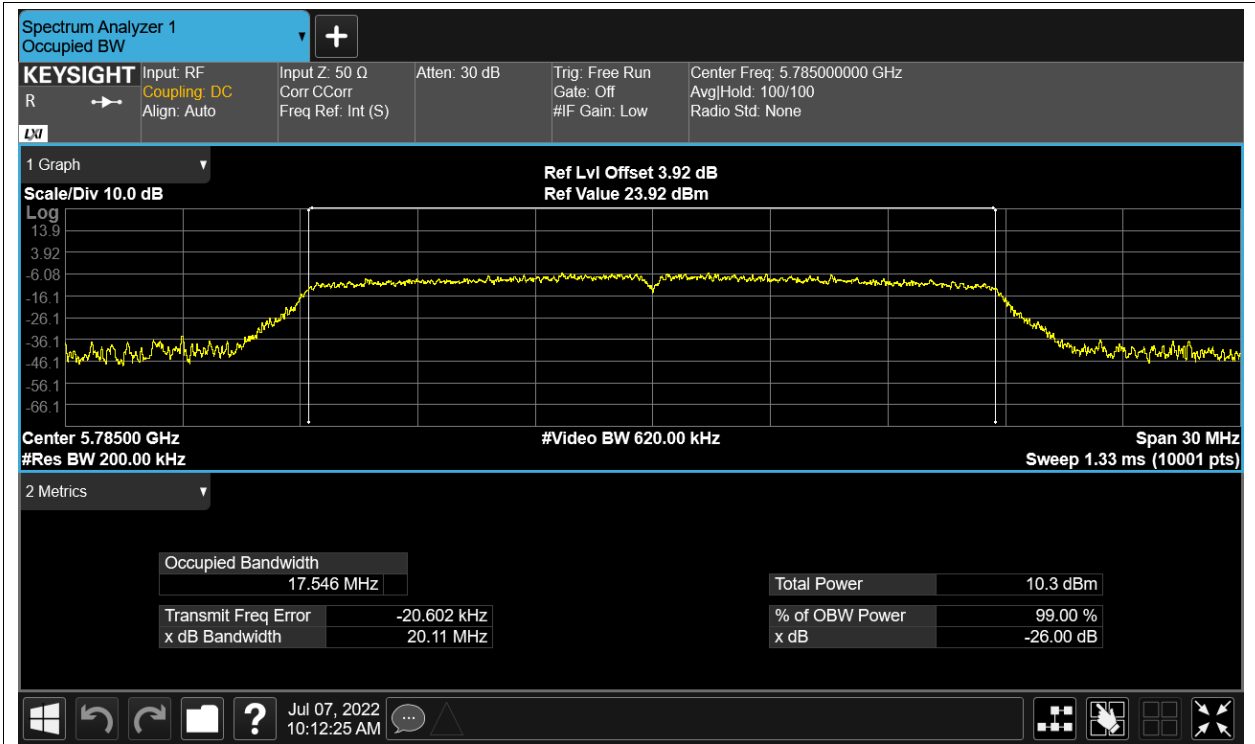
OBW NVNT a 5825MHz Ant1



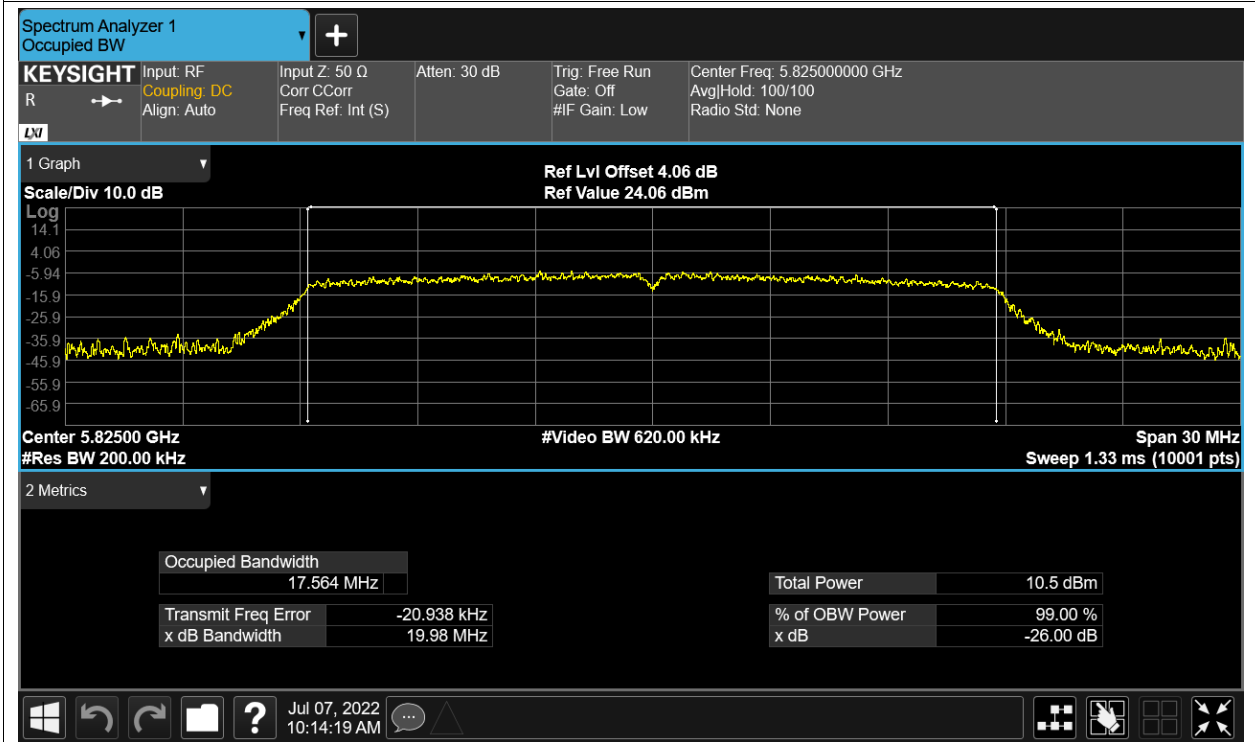
OBW NVNT ac20 5745MHz Ant1



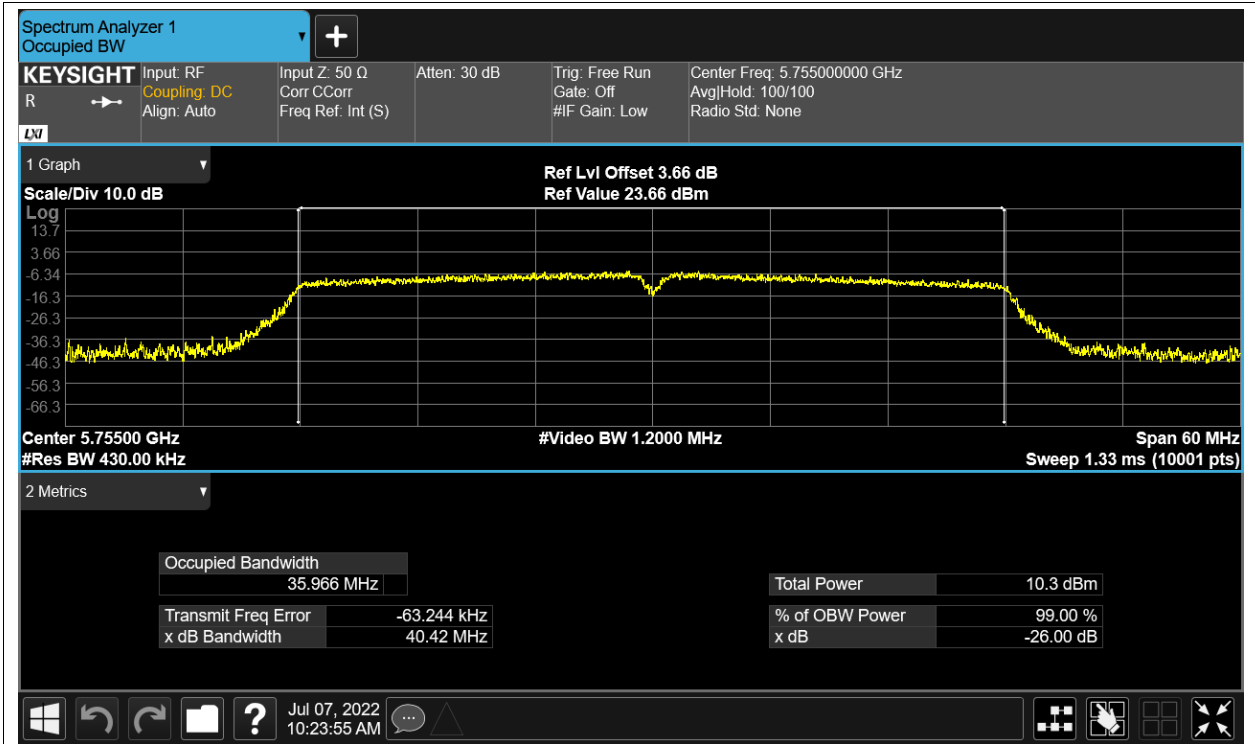
OBW NVNT ac20 5785MHz Ant1



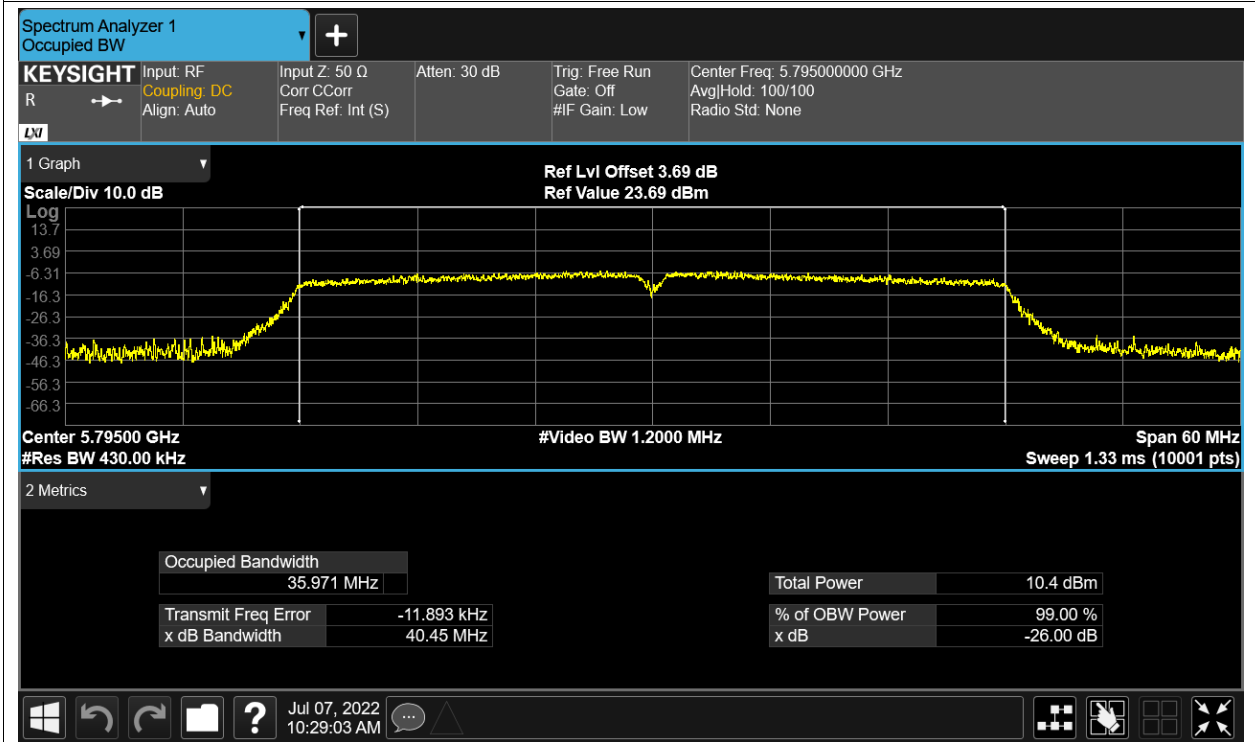
OBW NVNT ac20 5825MHz Ant1



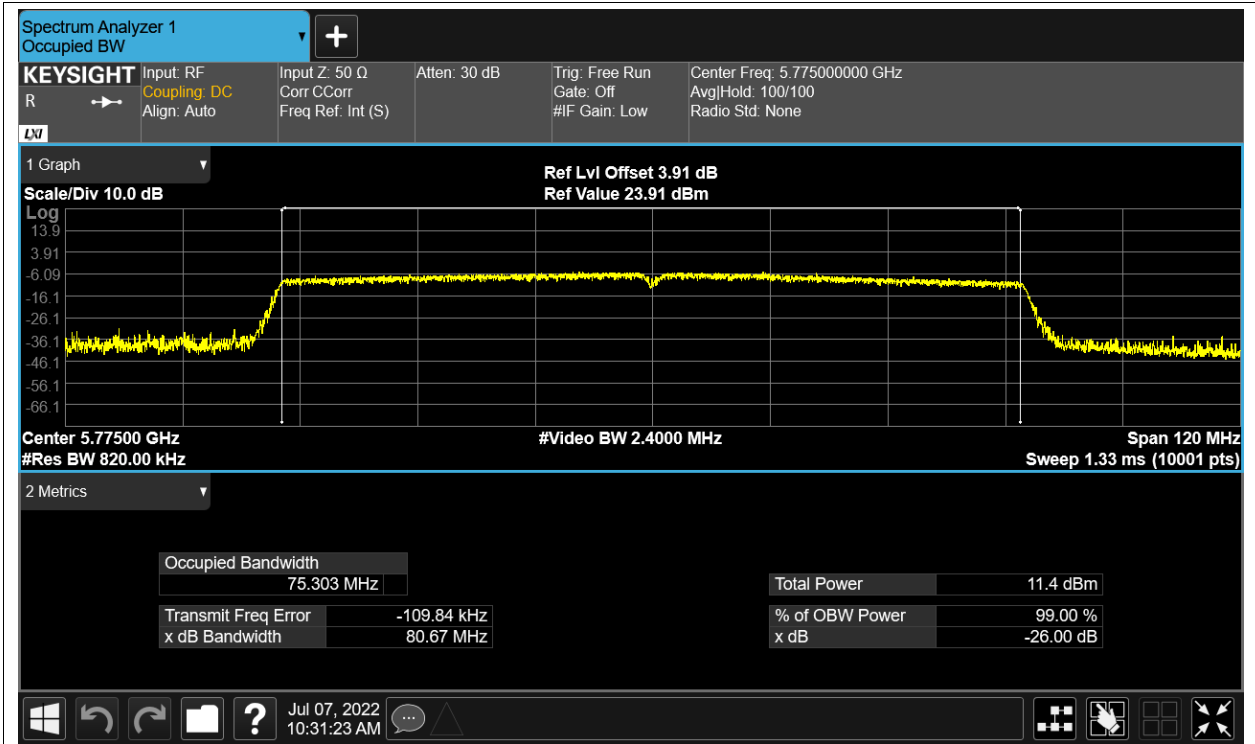
OBW NVNT ac40 5755MHz Ant1



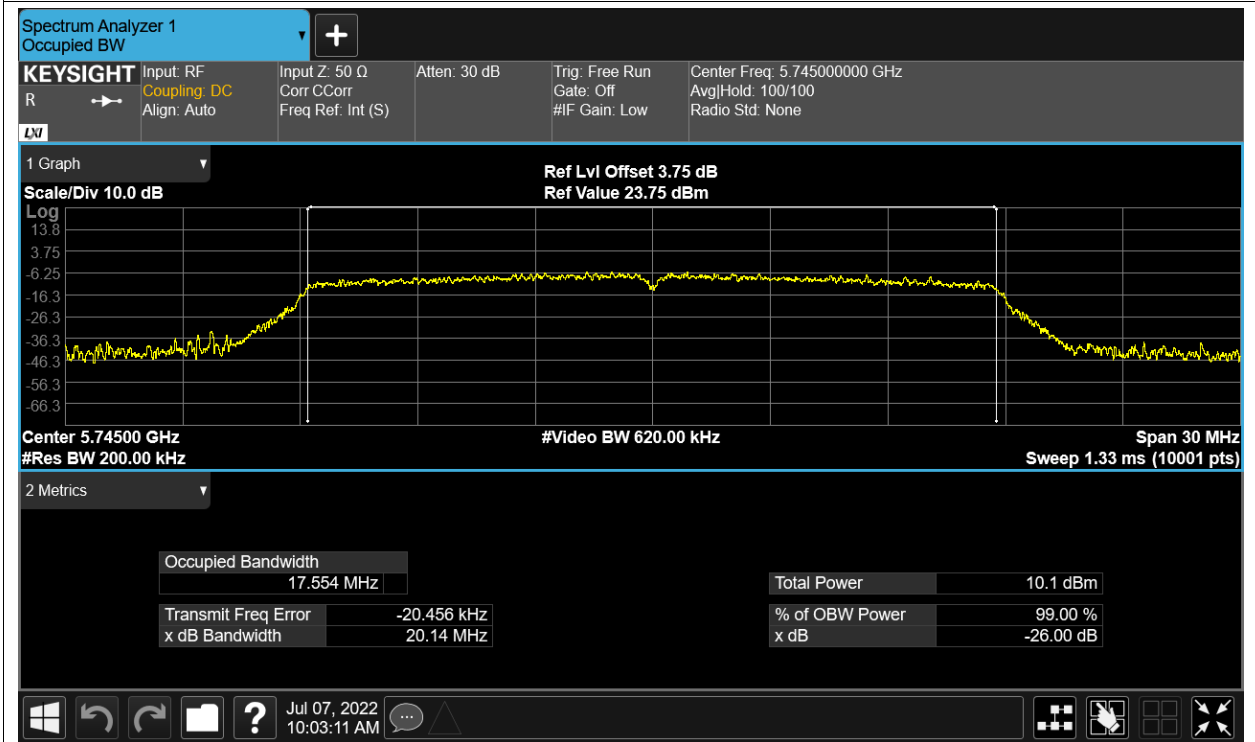
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

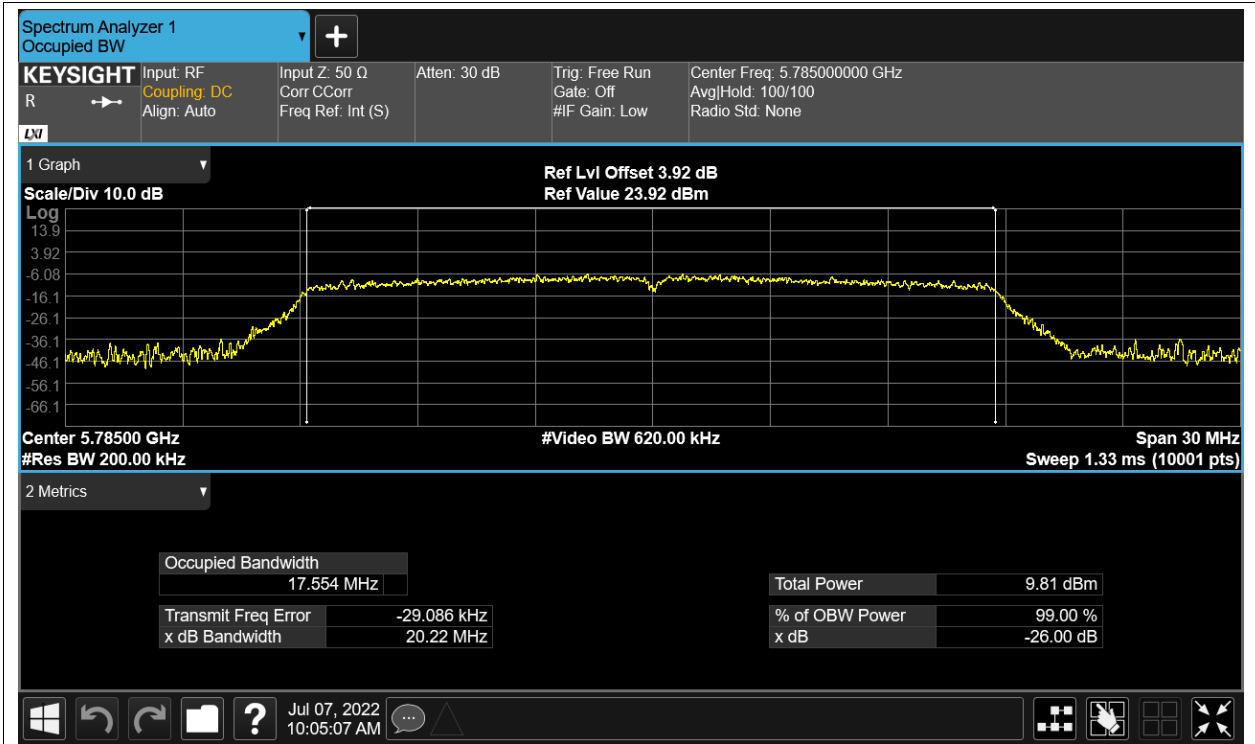


OBW NVNT n20 5745MHz Ant1

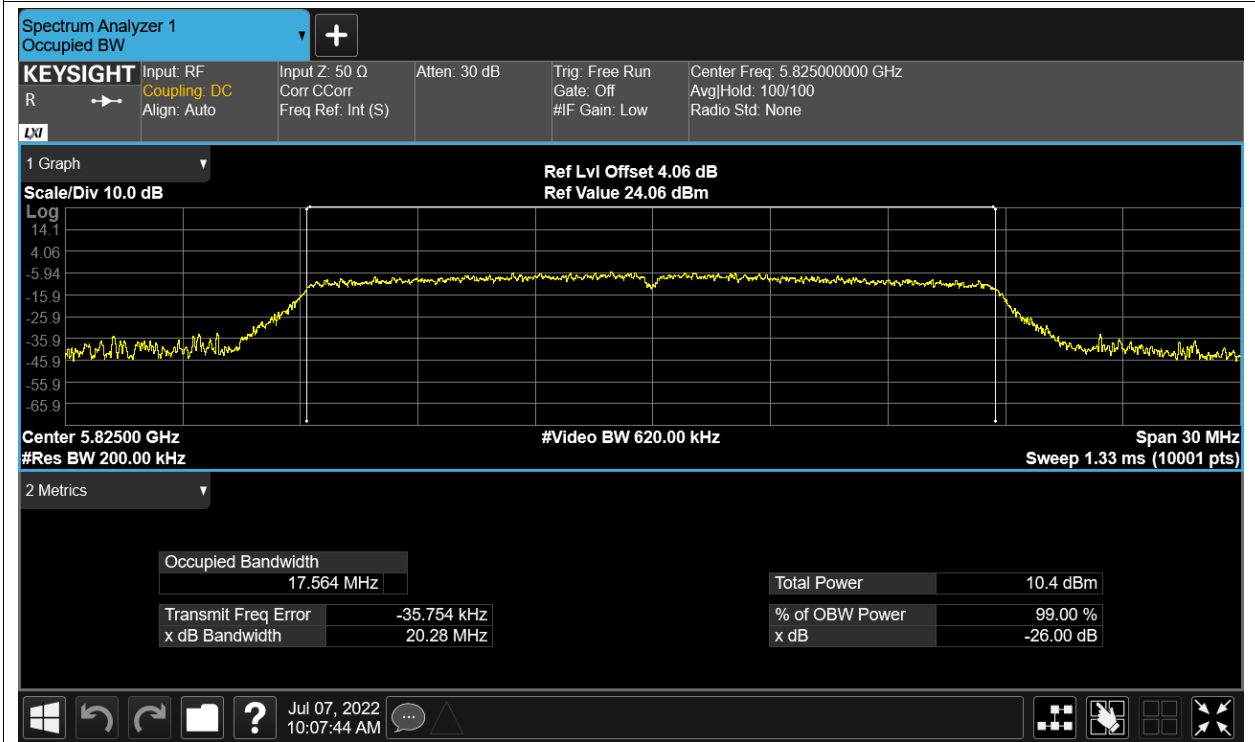


OBW NVNT n20 5785MHz Ant1

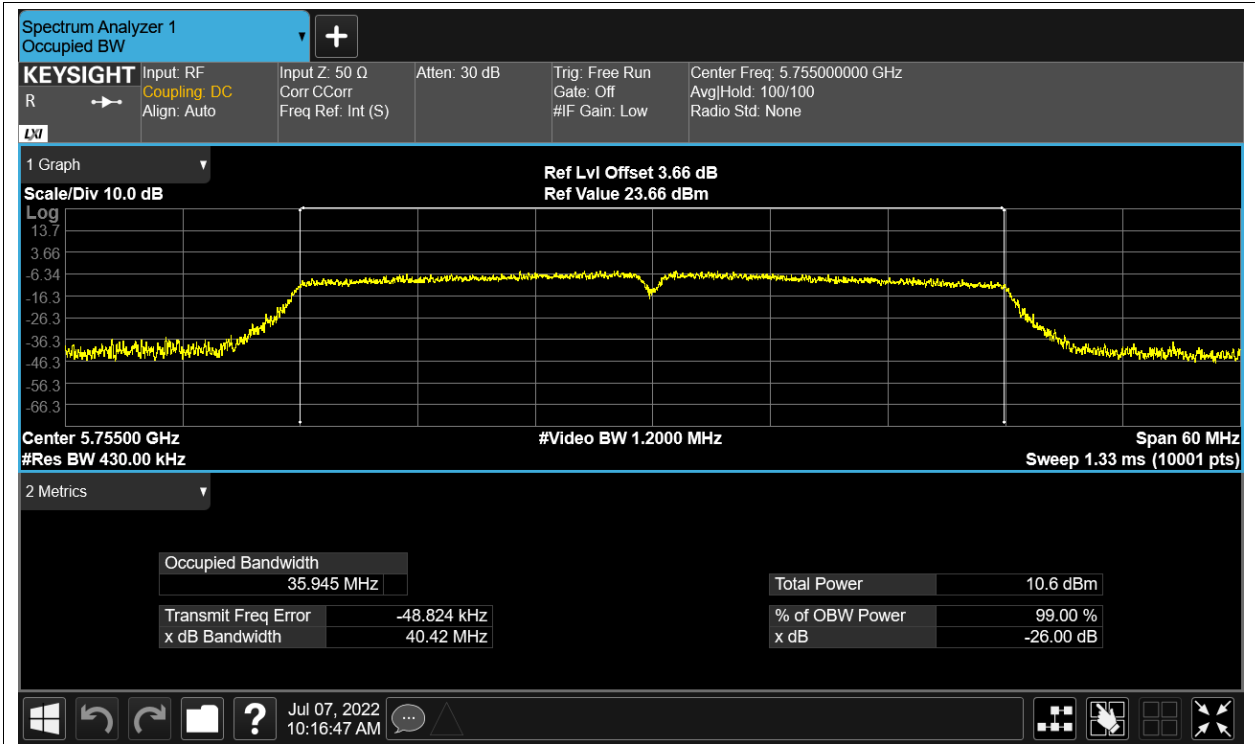




OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

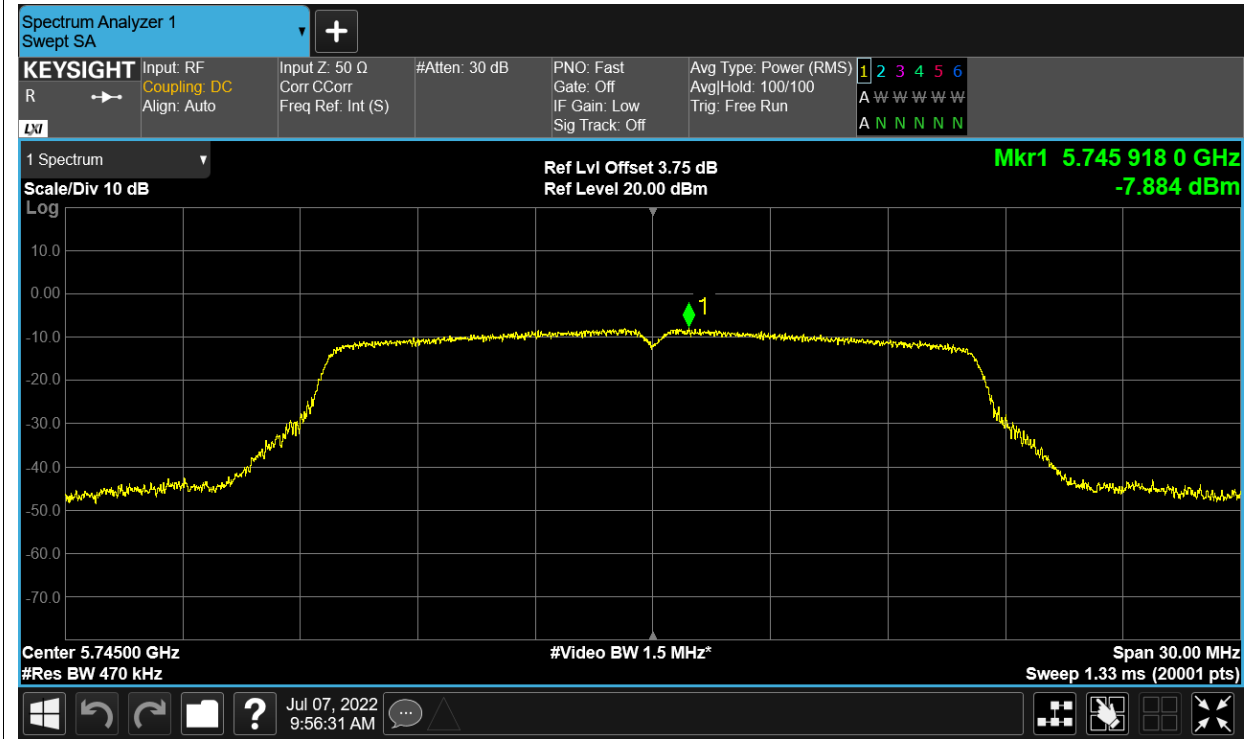


## Maximum Power Spectral Density Level

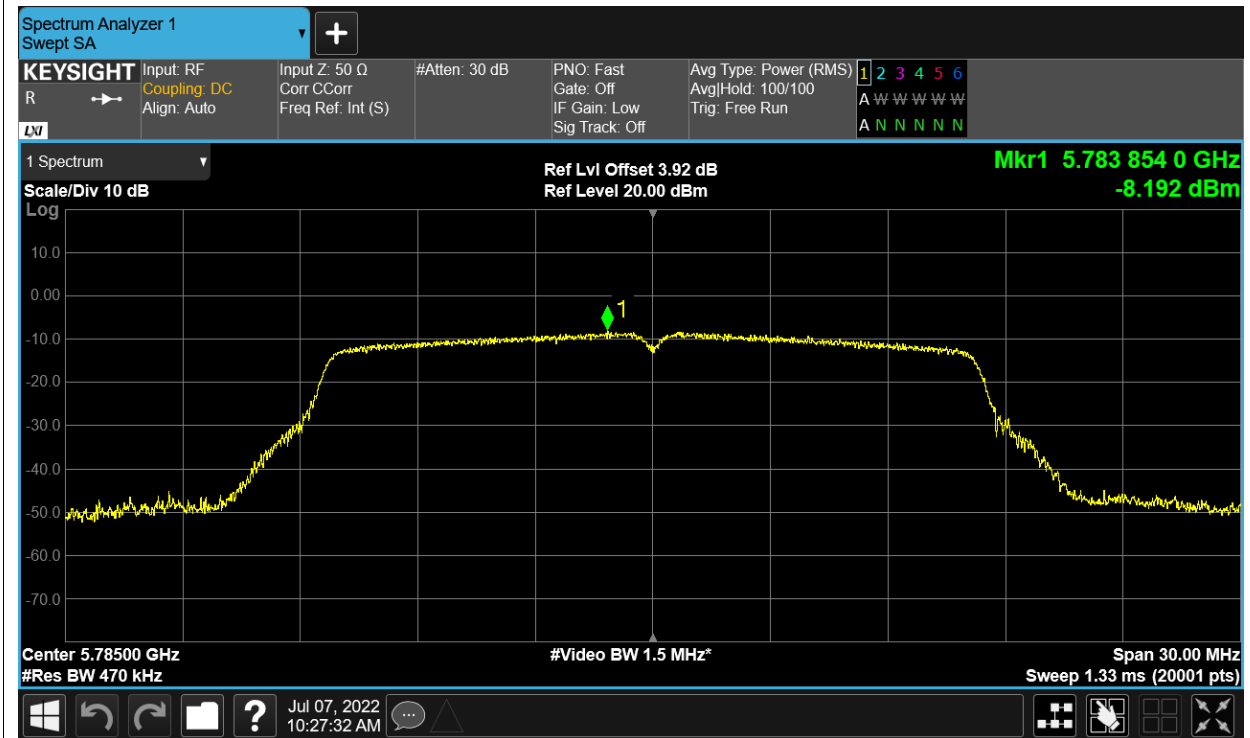
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-7.884	30	Pass
NVNT	a	5785	Ant1	-8.192	30	Pass
NVNT	a	5825	Ant1	-7.561	30	Pass
NVNT	ac20	5745	Ant1	-8.671	30	Pass
NVNT	ac20	5785	Ant1	-8.37	30	Pass
NVNT	ac20	5825	Ant1	-7.663	30	Pass
NVNT	ac40	5755	Ant1	-11.502	30	Pass
NVNT	ac40	5795	Ant1	-10.871	30	Pass
NVNT	ac80	5775	Ant1	-14.081	30	Pass
NVNT	n20	5745	Ant1	-8.422	30	Pass
NVNT	n20	5785	Ant1	-8.597	30	Pass
NVNT	n20	5825	Ant1	-8.104	30	Pass
NVNT	n40	5755	Ant1	-11.341	30	Pass
NVNT	n40	5795	Ant1	-11.273	30	Pass

Test Graphs

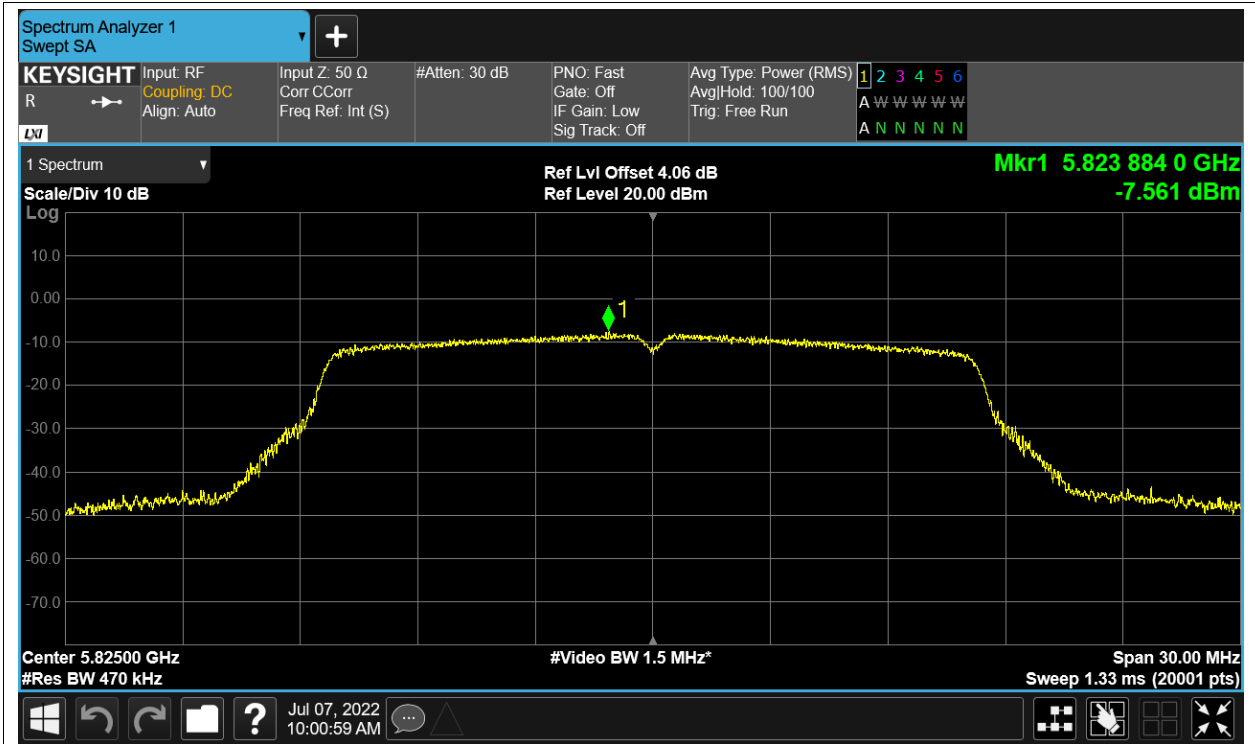
PSD NVNT a 5745MHz Ant1



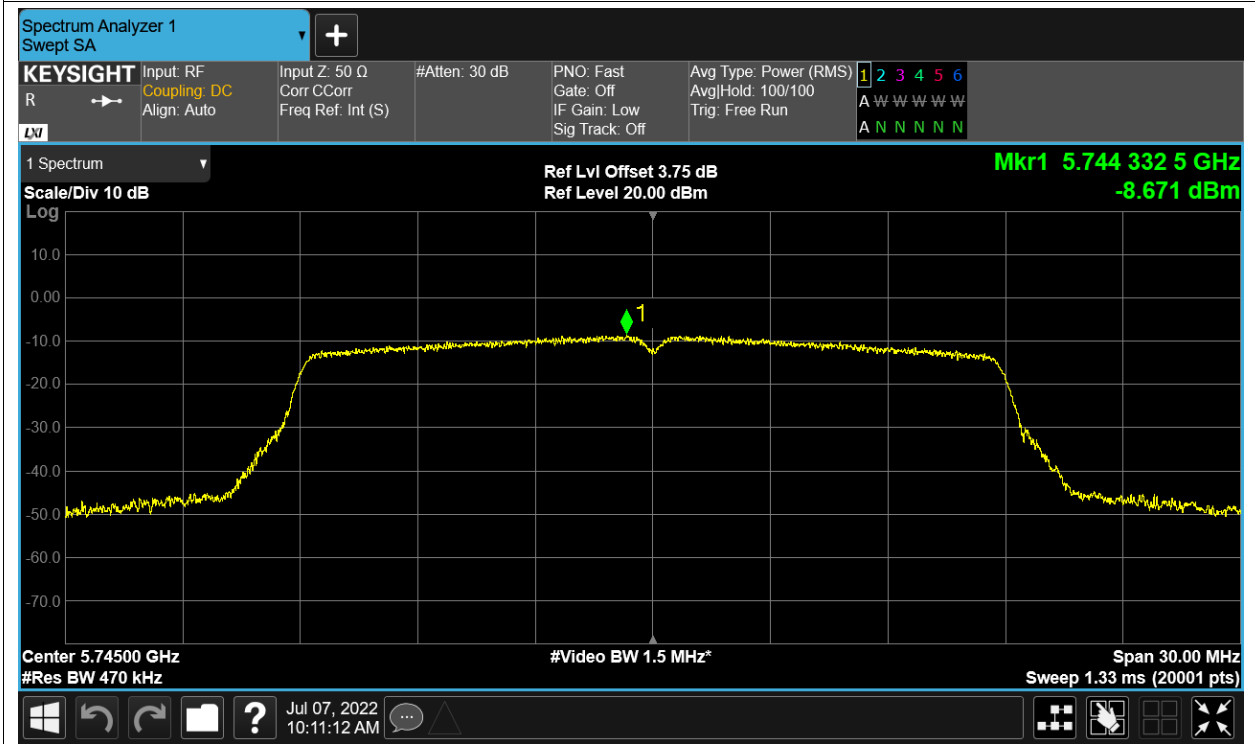
PSD NVNT a 5785MHz Ant1



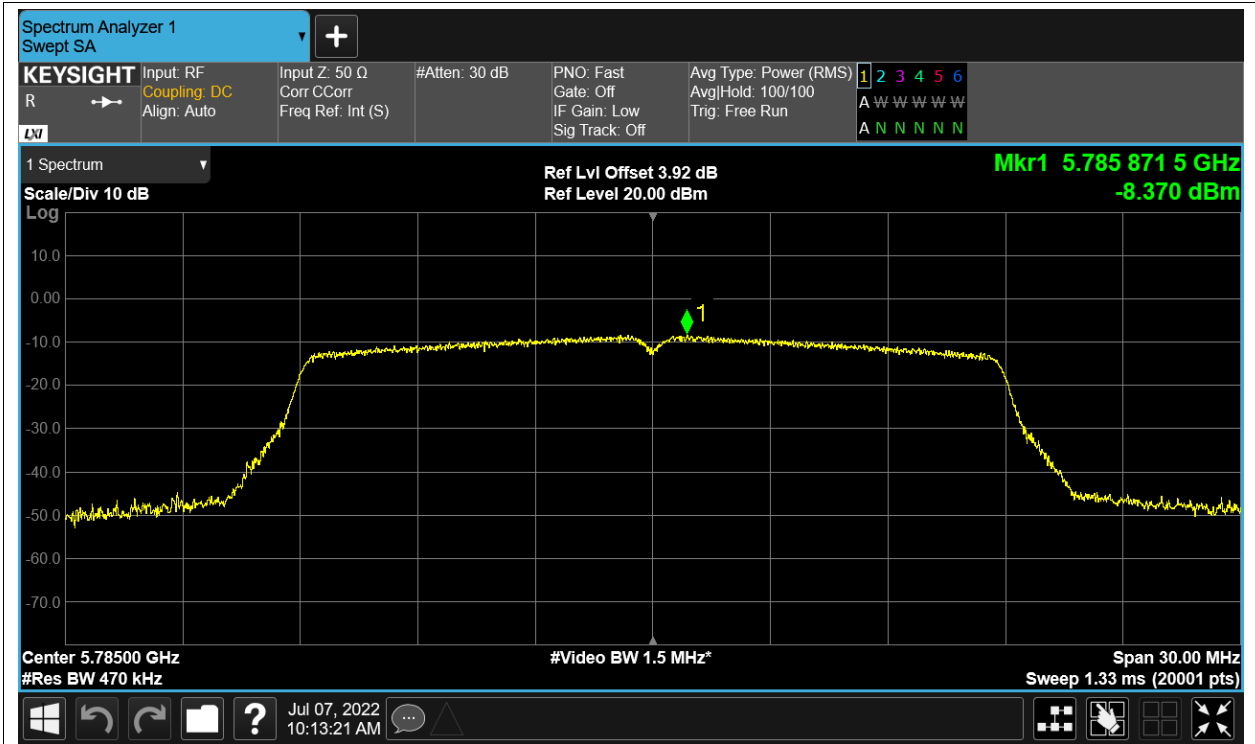
PSD NVNT a 5825MHz Ant1



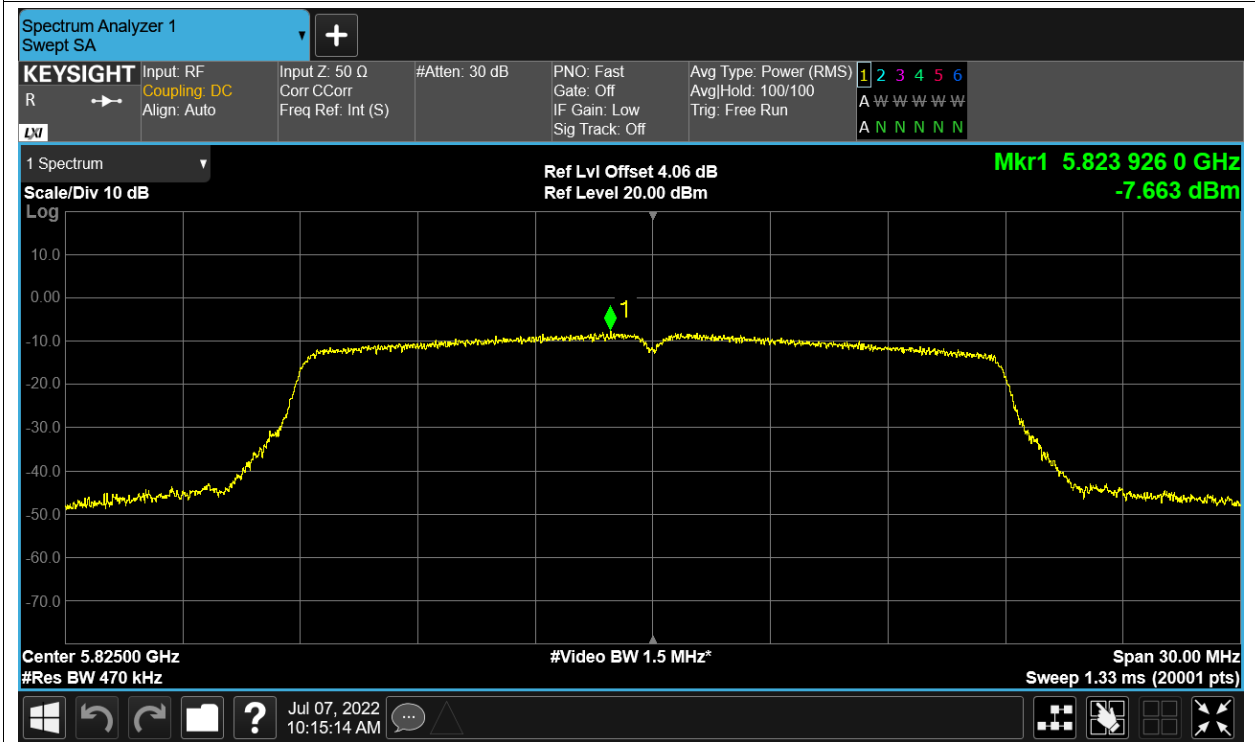
PSD NVNT ac20 5745MHz Ant1



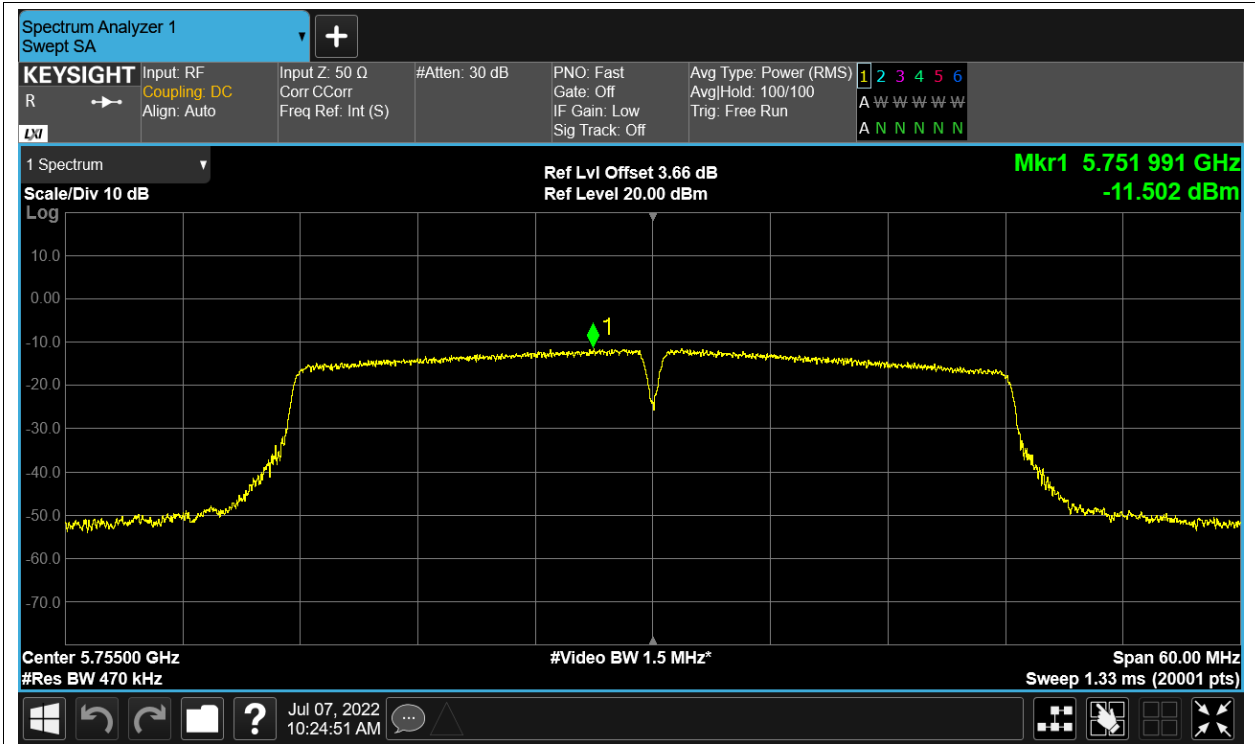
PSD NVNT ac20 5785MHz Ant1



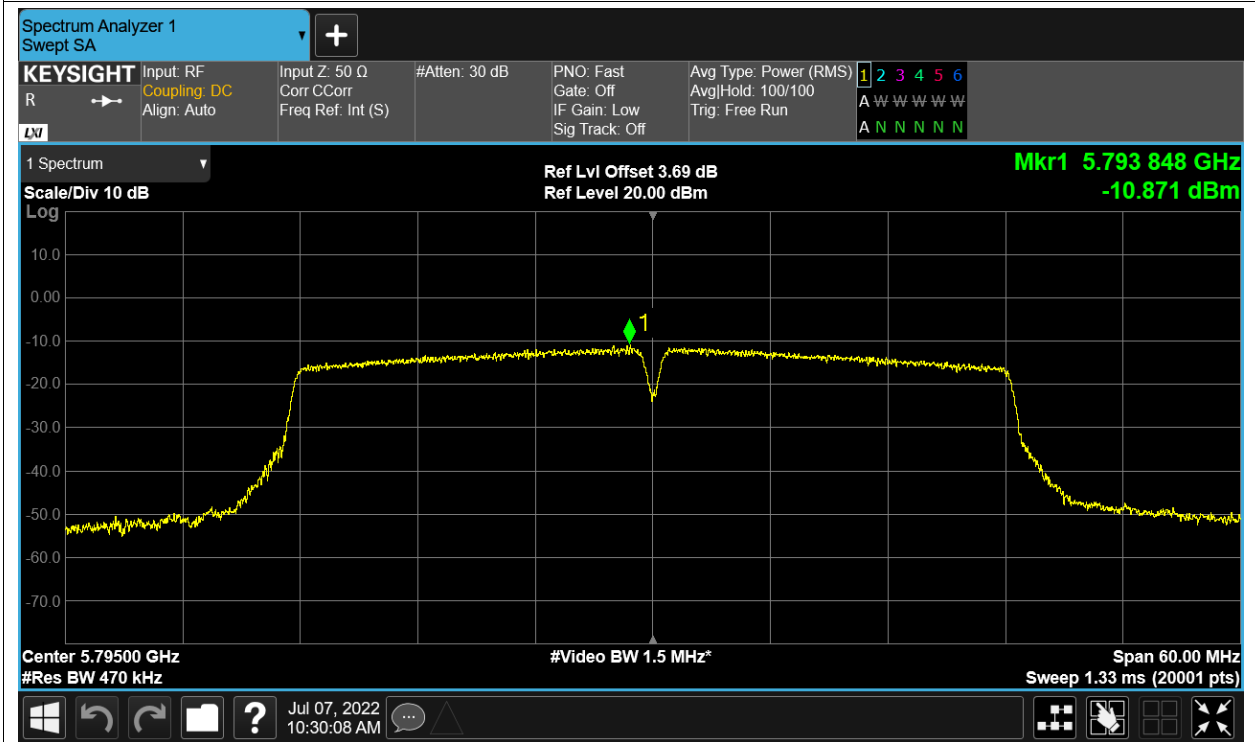
PSD NVNT ac20 5825MHz Ant1



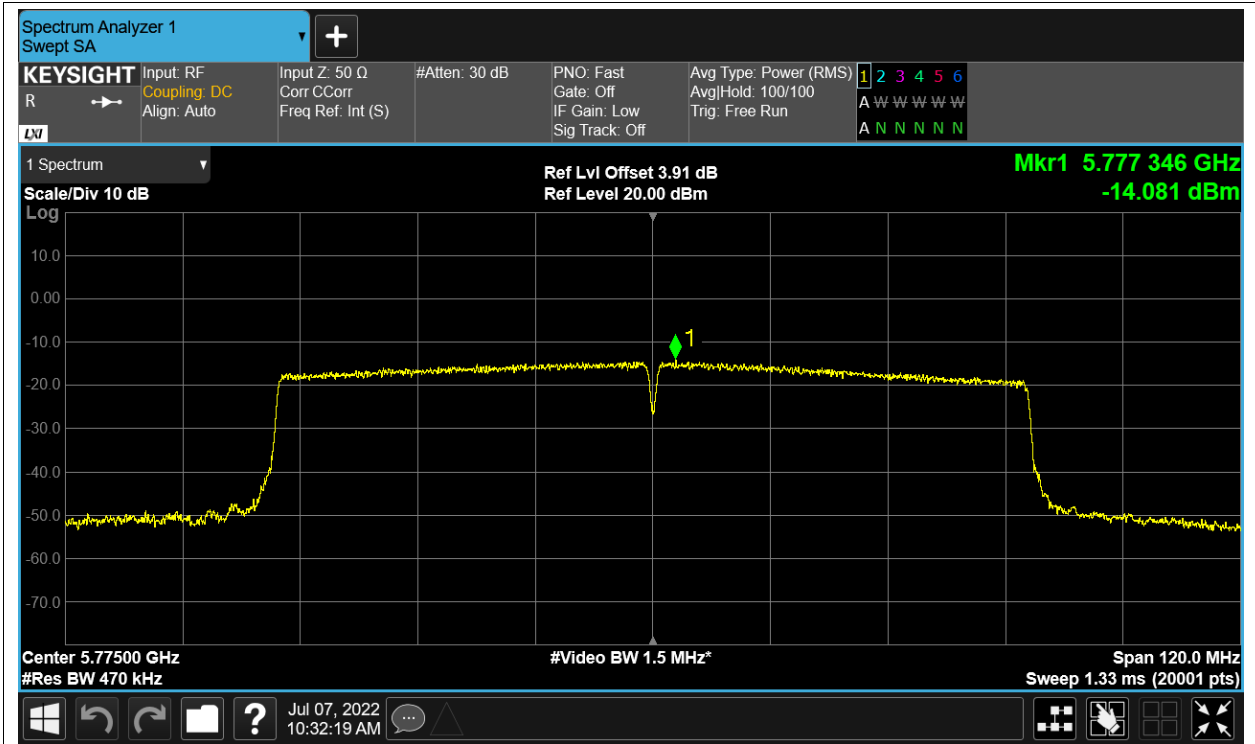
PSD NVNT ac40 5755MHz Ant1



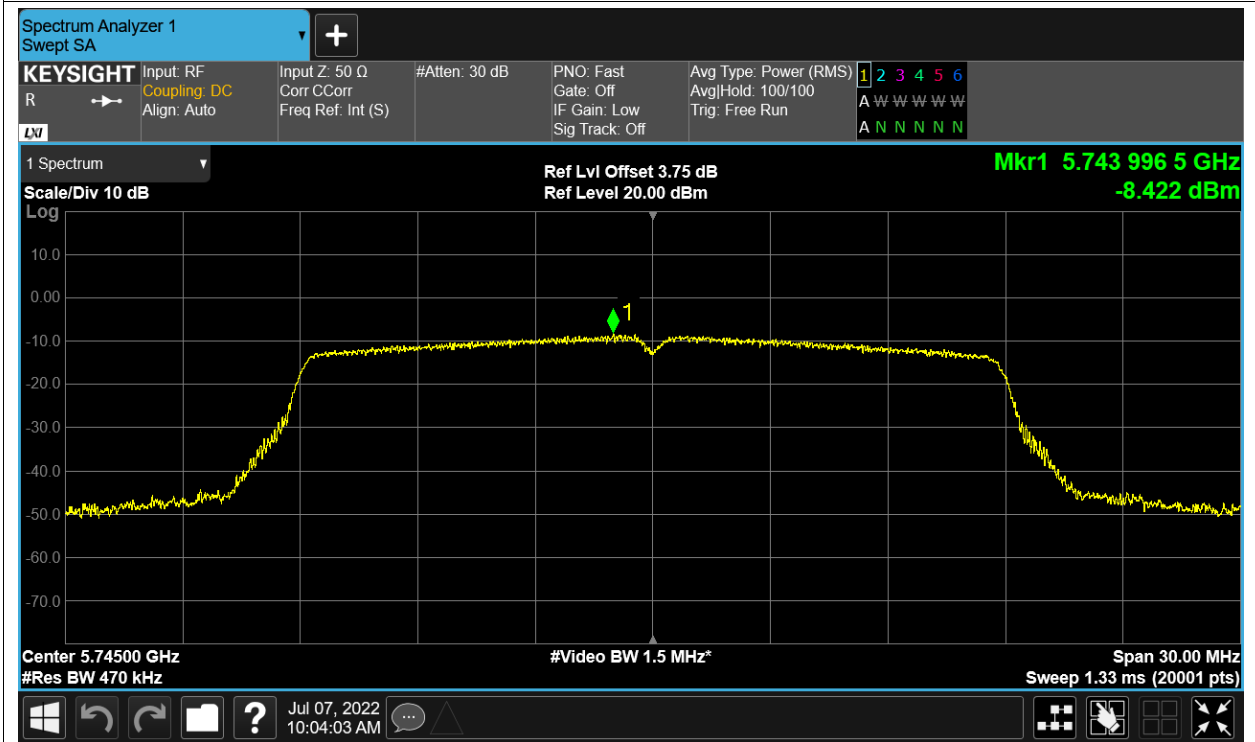
PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

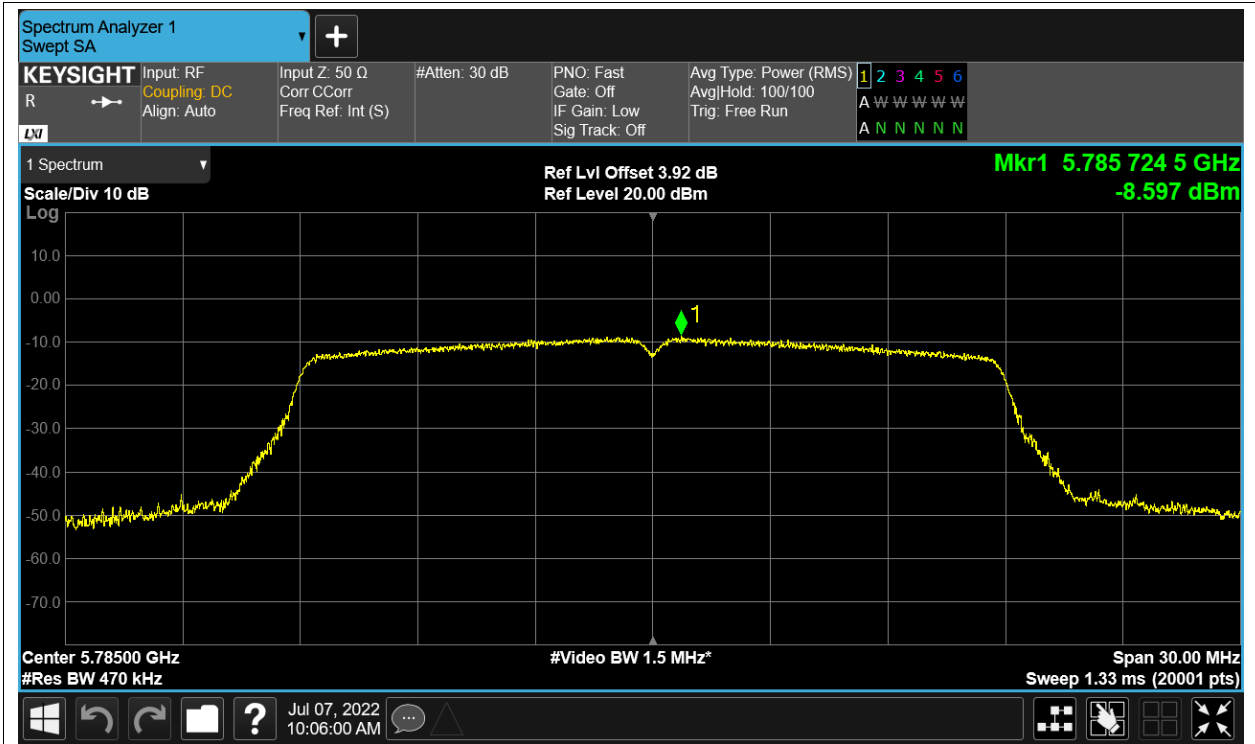


PSD NVNT n20 5745MHz Ant1

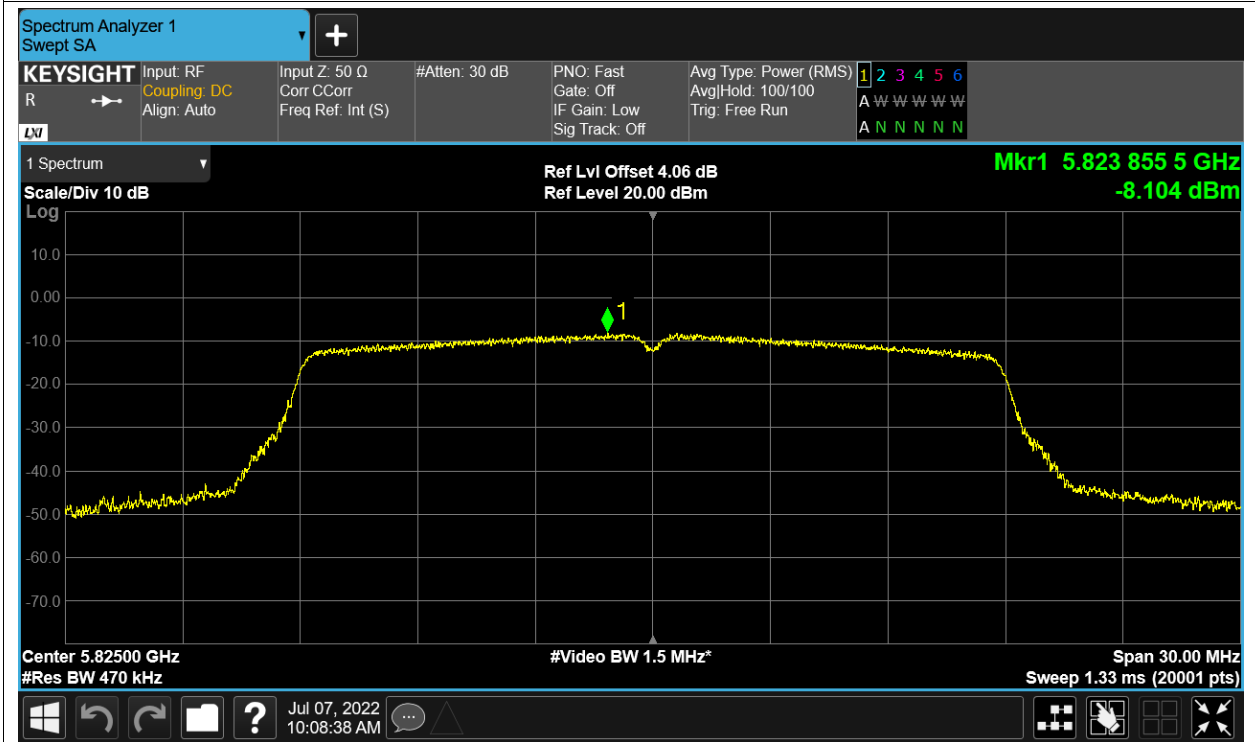


PSD NVNT n20 5785MHz Ant1

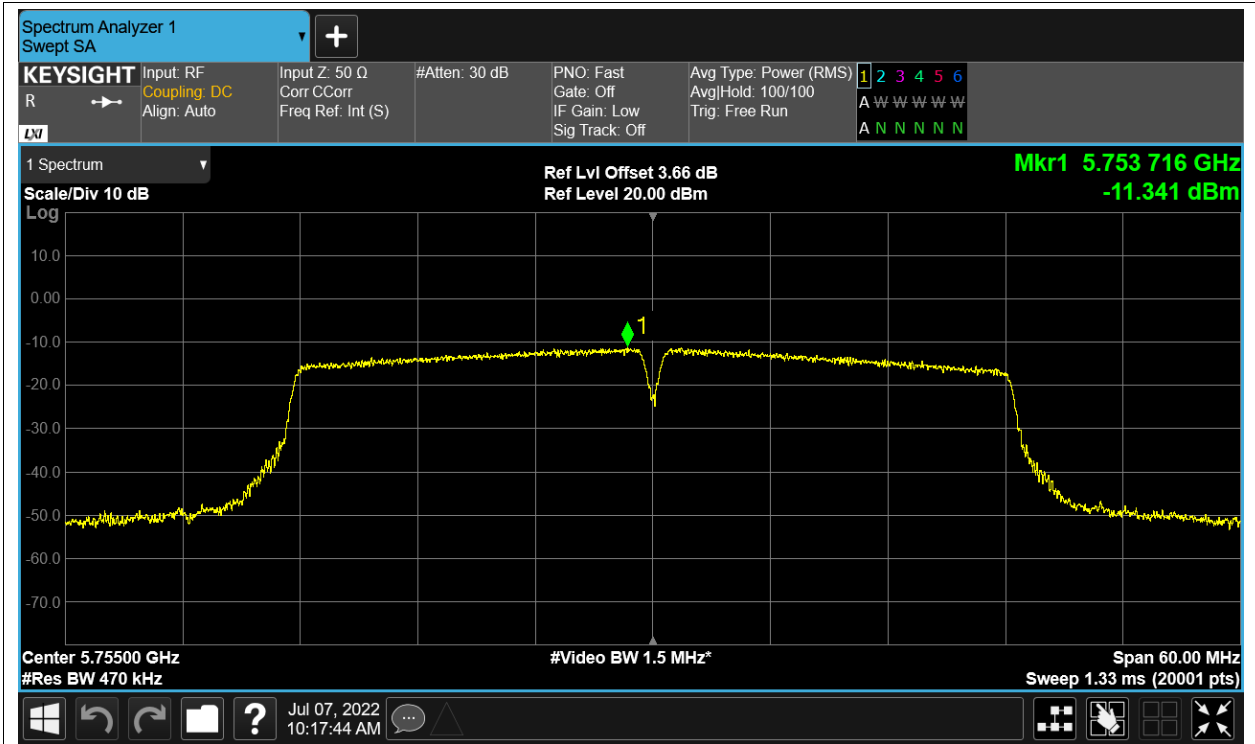




PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

