

## Test Data

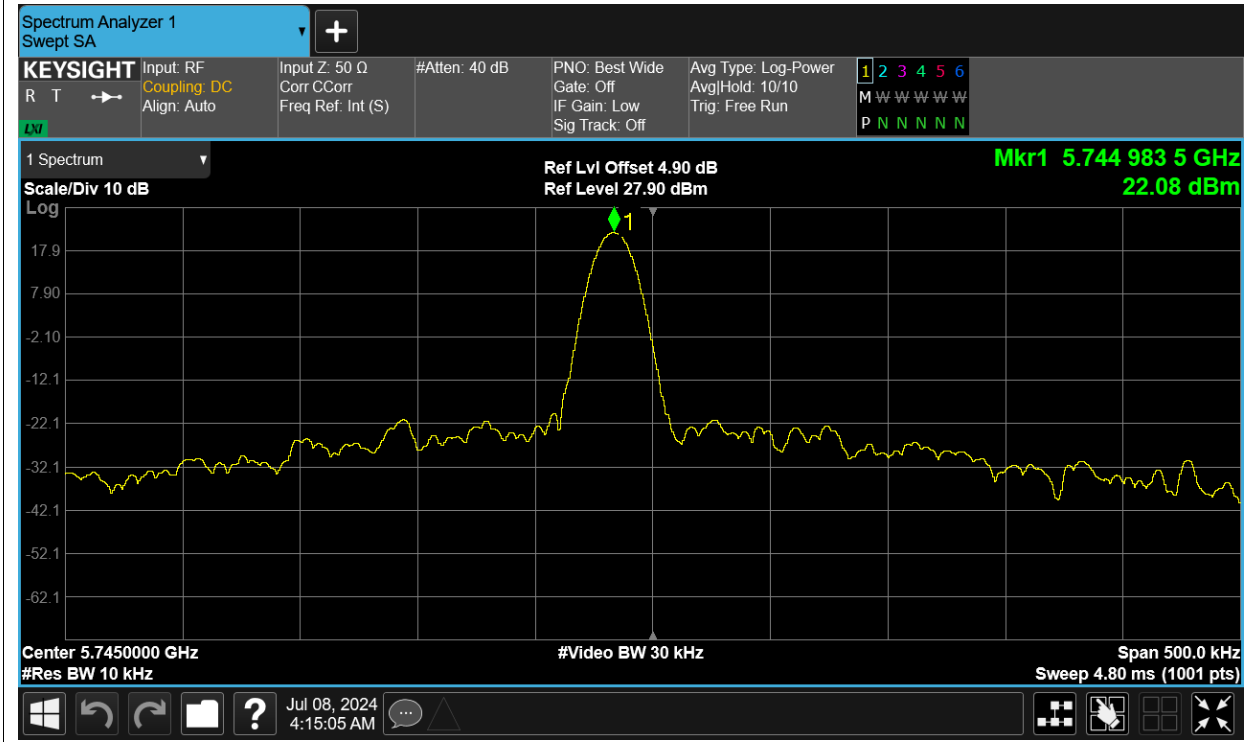
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant2	5744.9835	-2.87	Within authorized band	Pass
LVNT	a	5745	Ant2	5744.9835	-2.87		Pass
NVHT	a	5745	Ant2	5744.983	-2.96		Pass
NVLT	a	5745	Ant2	5744.9835	-2.87		Pass
NVNT	a	5745	Ant2	5744.9845	-2.7		Pass
HVNT	ac80	5775	Ant2	5774.9845	-2.68		Pass
LVNT	ac80	5775	Ant2	5774.9845	-2.68		Pass
NVHT	ac80	5775	Ant2	5774.985	-2.6		Pass
NVLT	ac80	5775	Ant2	5774.9855	-2.51		Pass
NVNT	ac80	5775	Ant2	5774.986	-2.42		Pass
HVNT	n40	5755	Ant2	5754.9845	-2.69		Pass
LVNT	n40	5755	Ant2	5754.9845	-2.69		Pass
NVHT	n40	5755	Ant2	5754.985	-2.61		Pass
NVLT	n40	5755	Ant2	5754.985	-2.61		Pass
NVNT	n40	5755	Ant2	5754.9855	-2.52		Pass

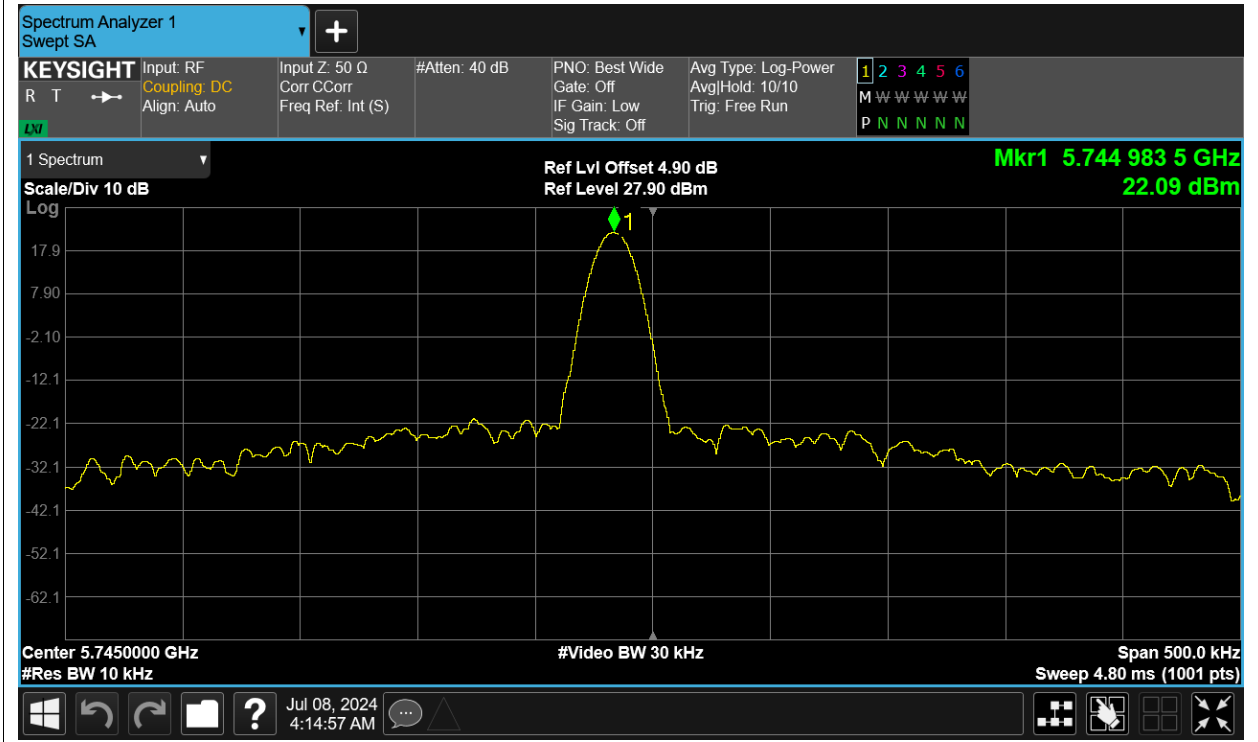
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

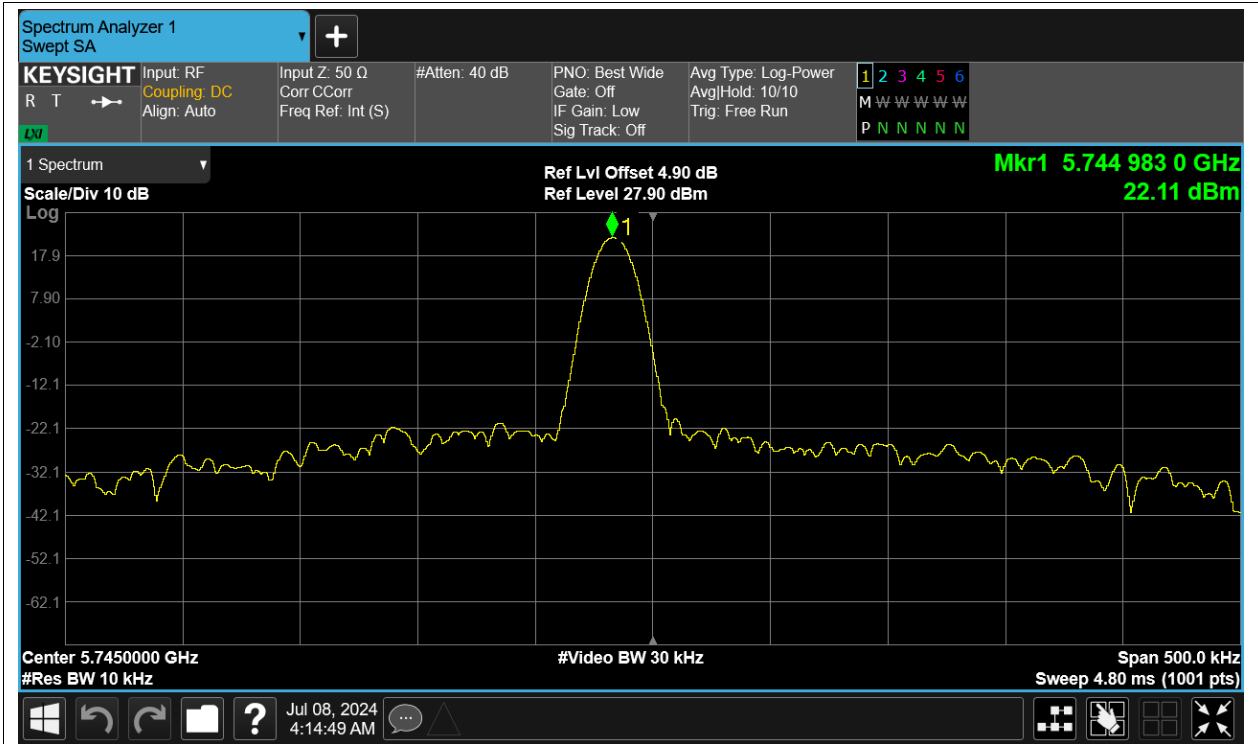
Freq. Stability HVNT a 5745MHz Ant2



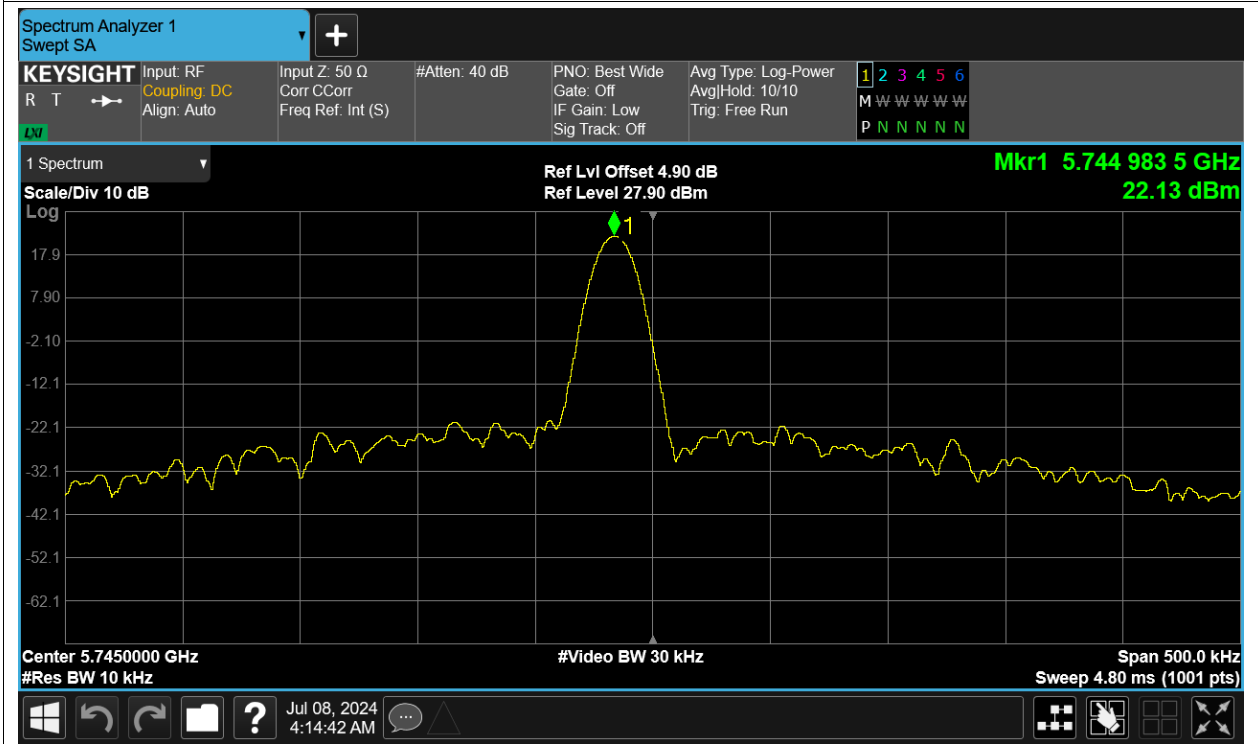
Freq. Stability LVNT a 5745MHz Ant2



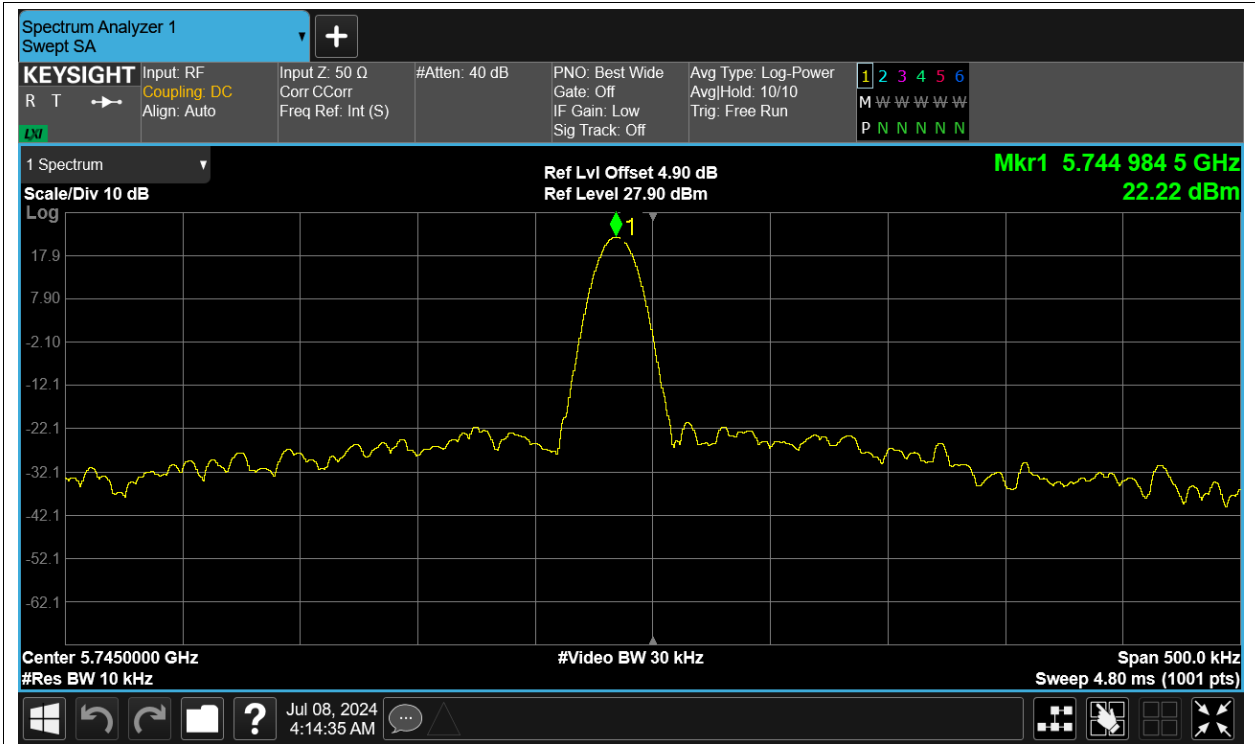
Freq. Stability NVHT a 5745MHz Ant2



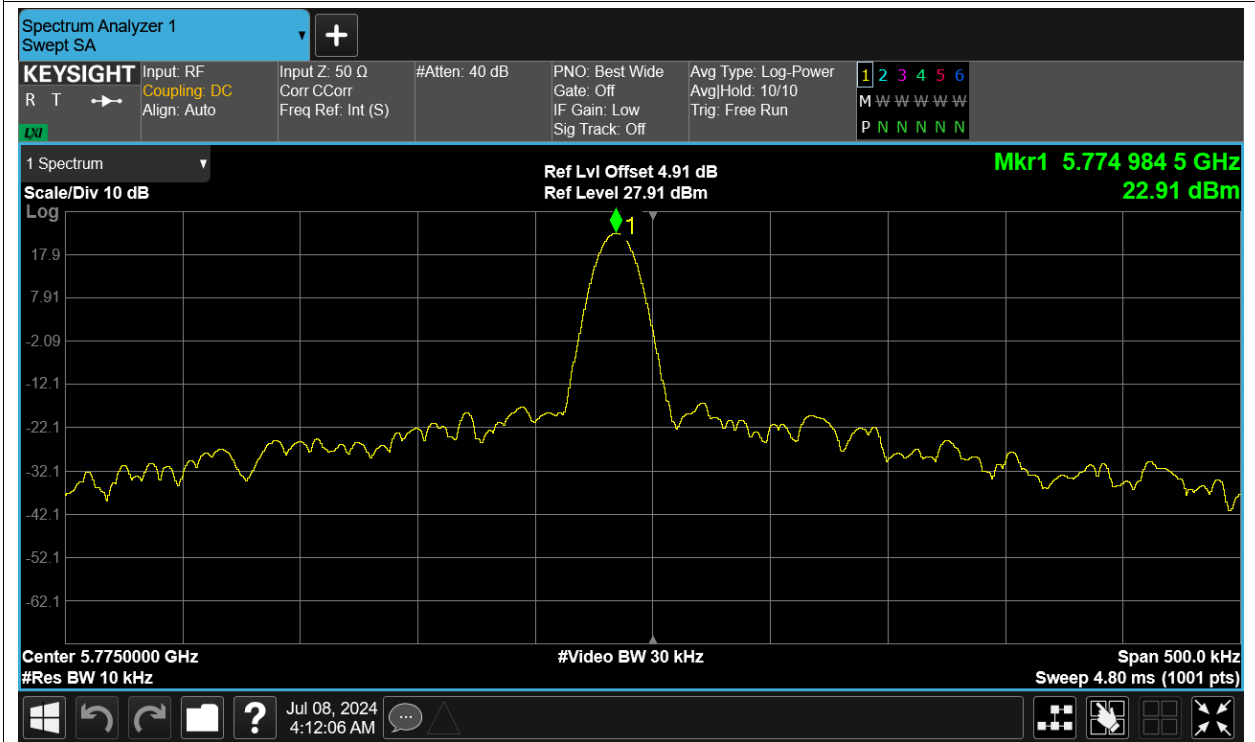
Freq. Stability NVLT a 5745MHz Ant2



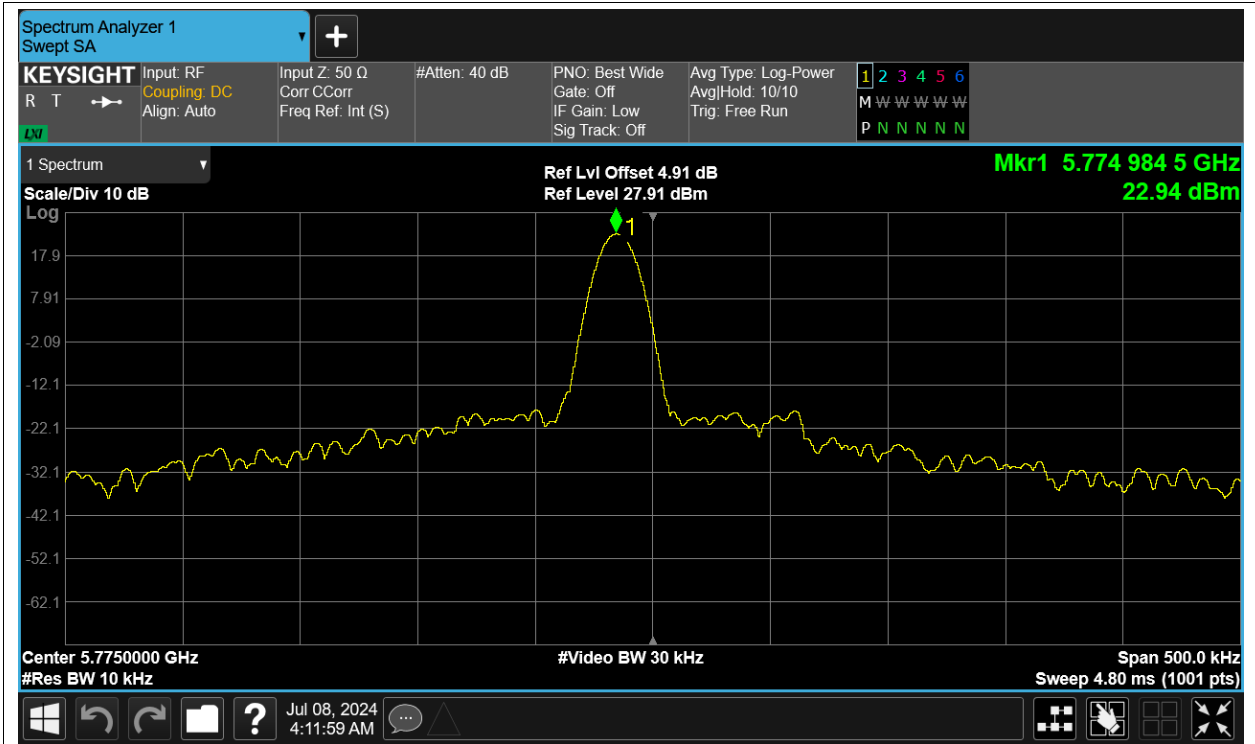
Freq. Stability NVNT a 5745MHz Ant2



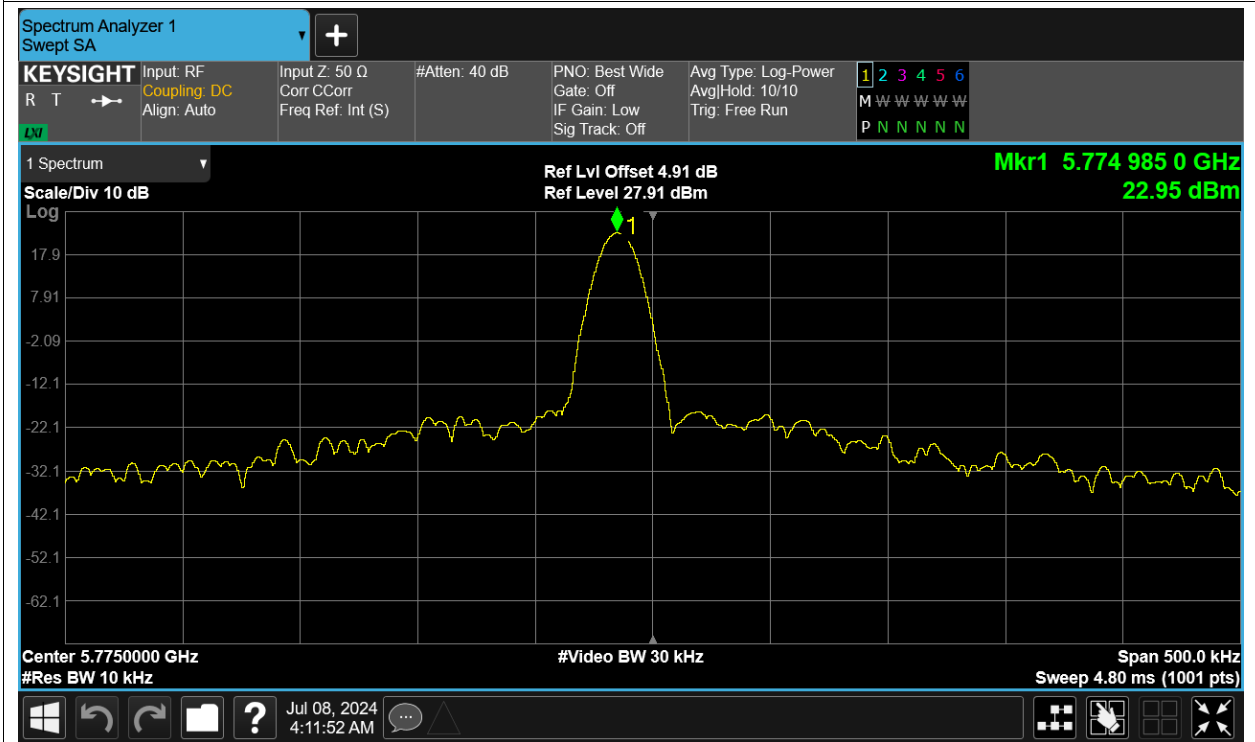
Freq. Stability HVNT ac80 5775MHz Ant2



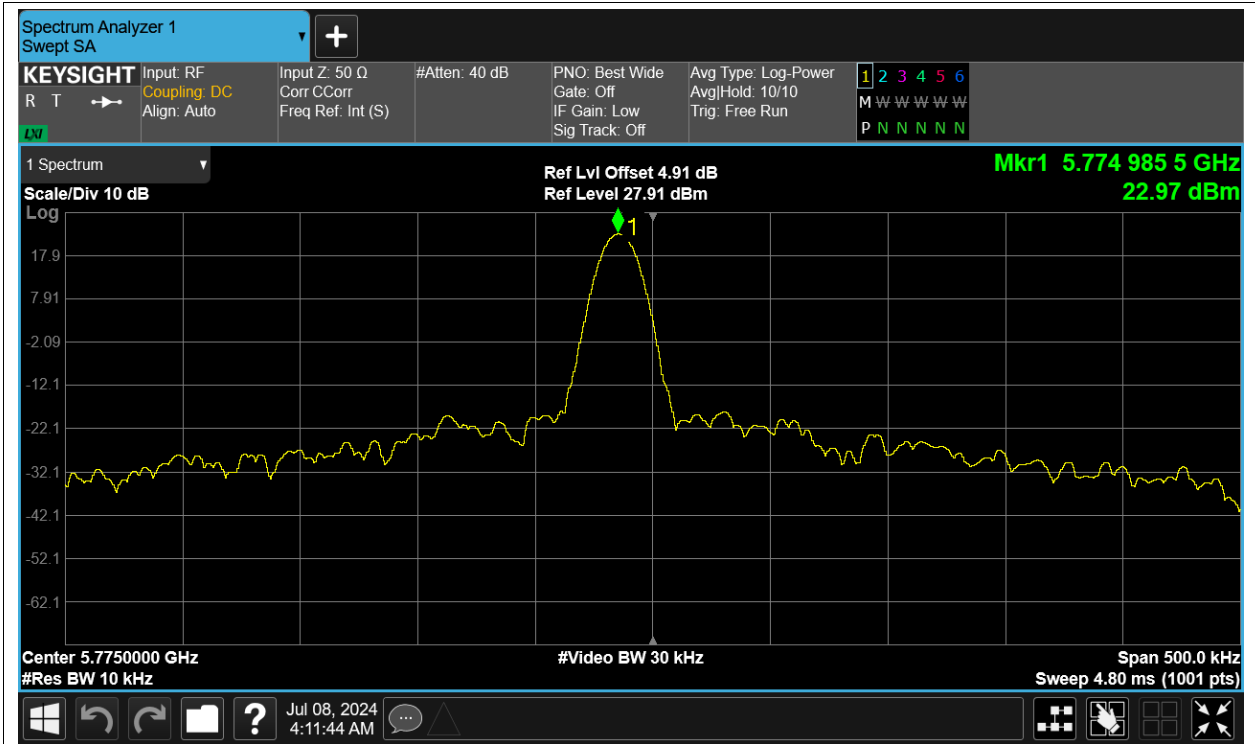
Freq. Stability LVNT ac80 5775MHz Ant2



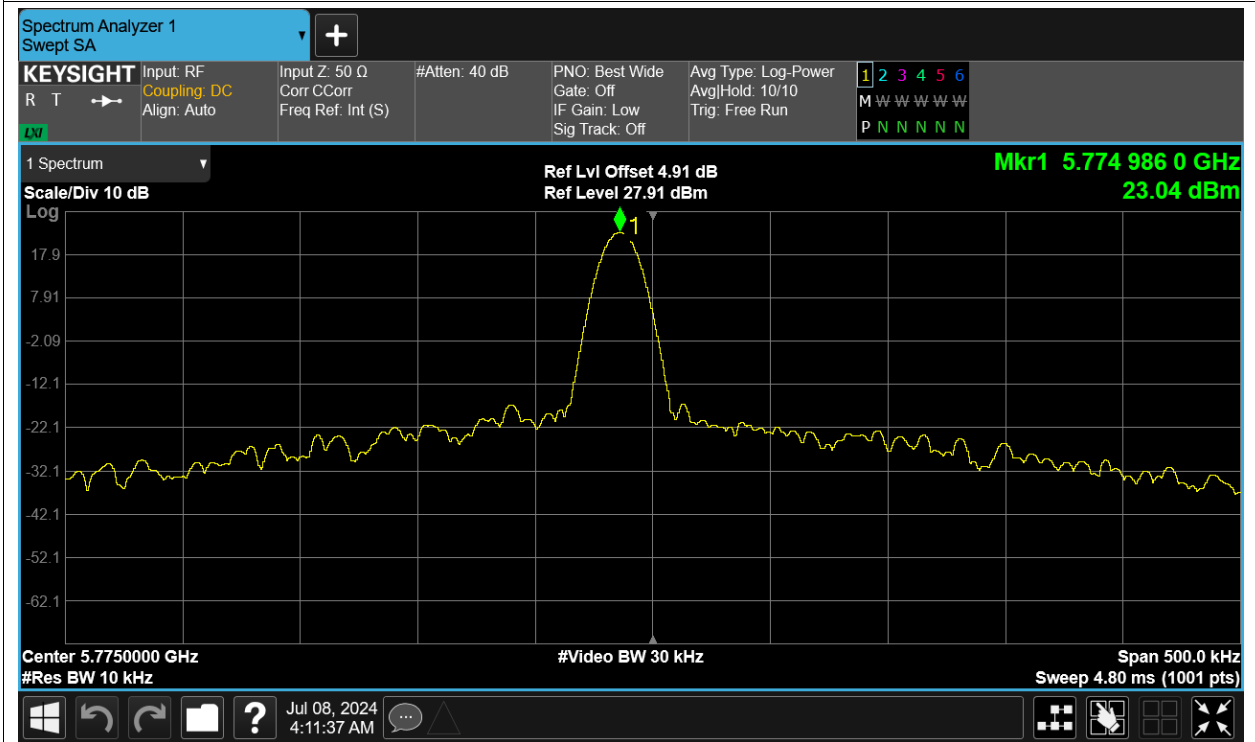
Freq. Stability NVHT ac80 5775MHz Ant2



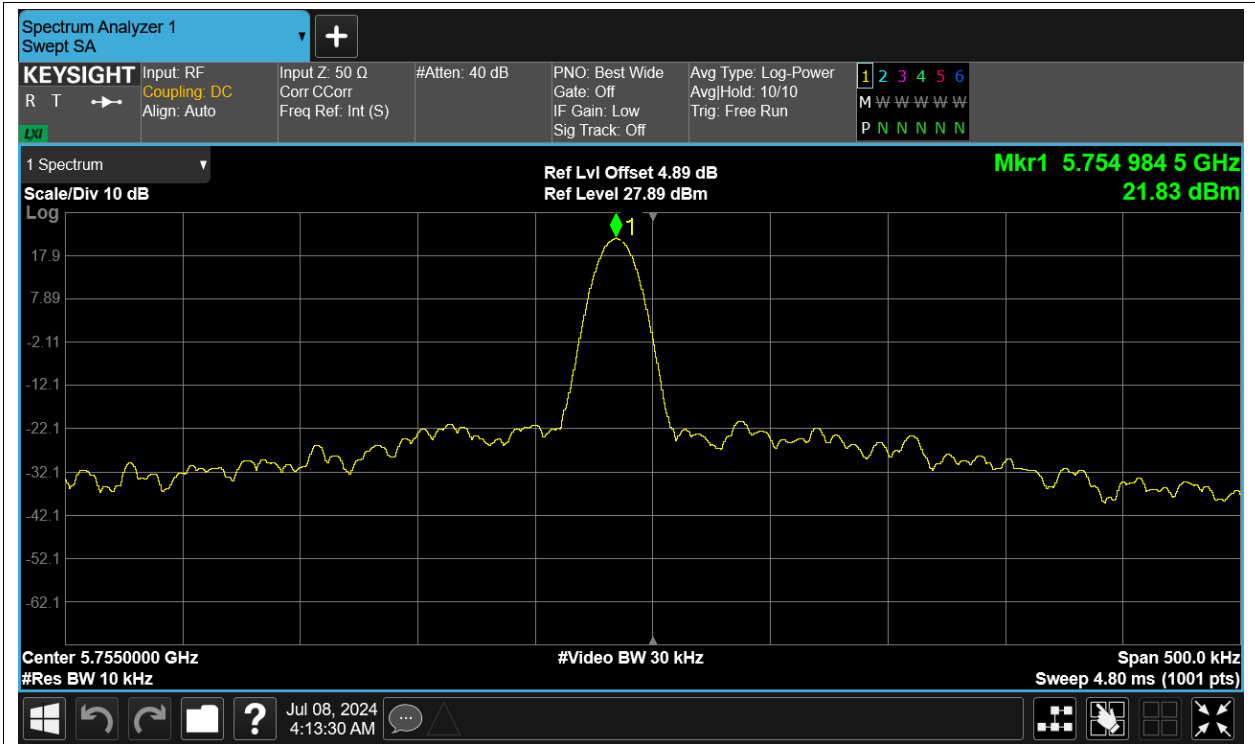
Freq. Stability NVLT ac80 5775MHz Ant2



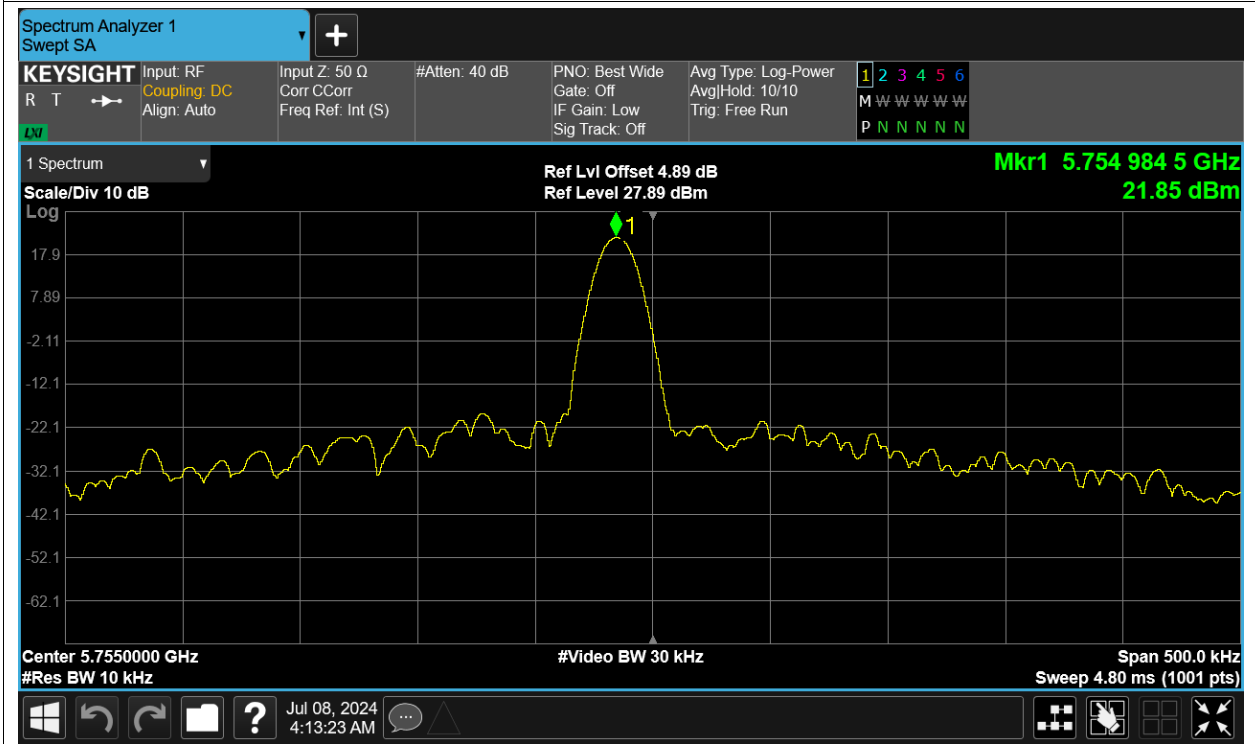
Freq. Stability NVNT ac80 5775MHz Ant2



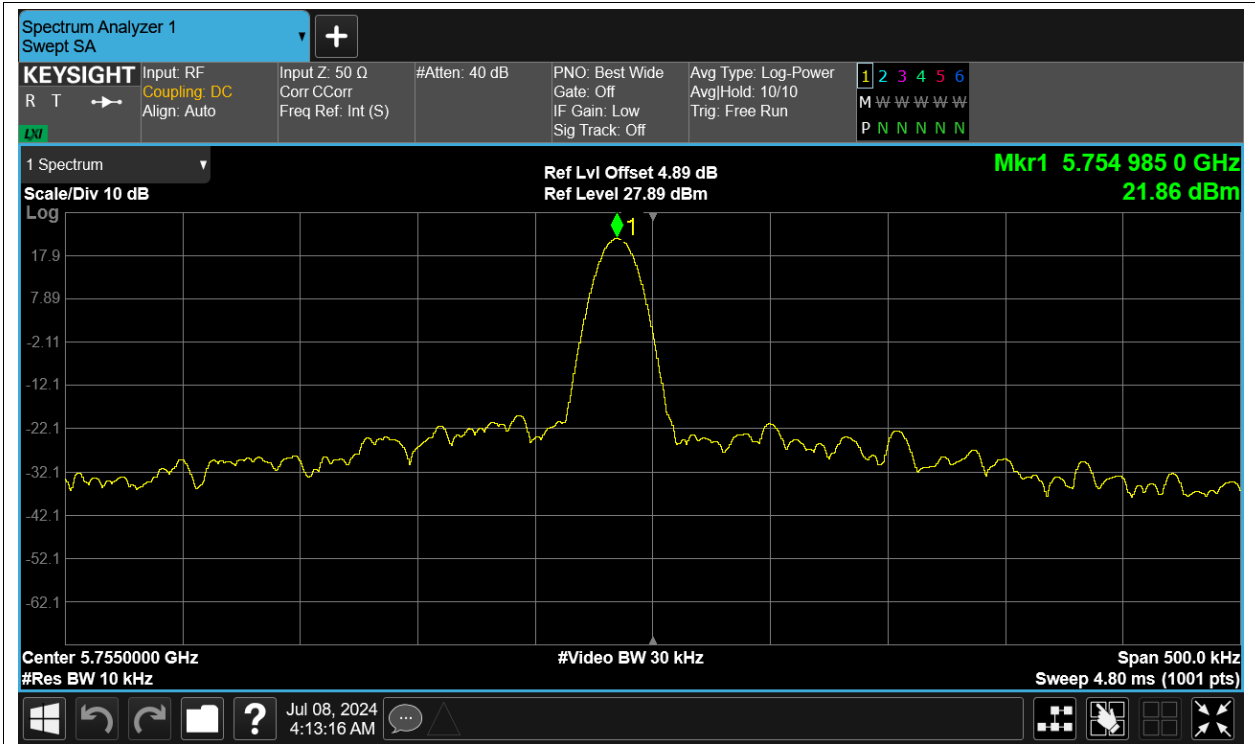
Freq. Stability HVNT n40 5755MHz Ant2



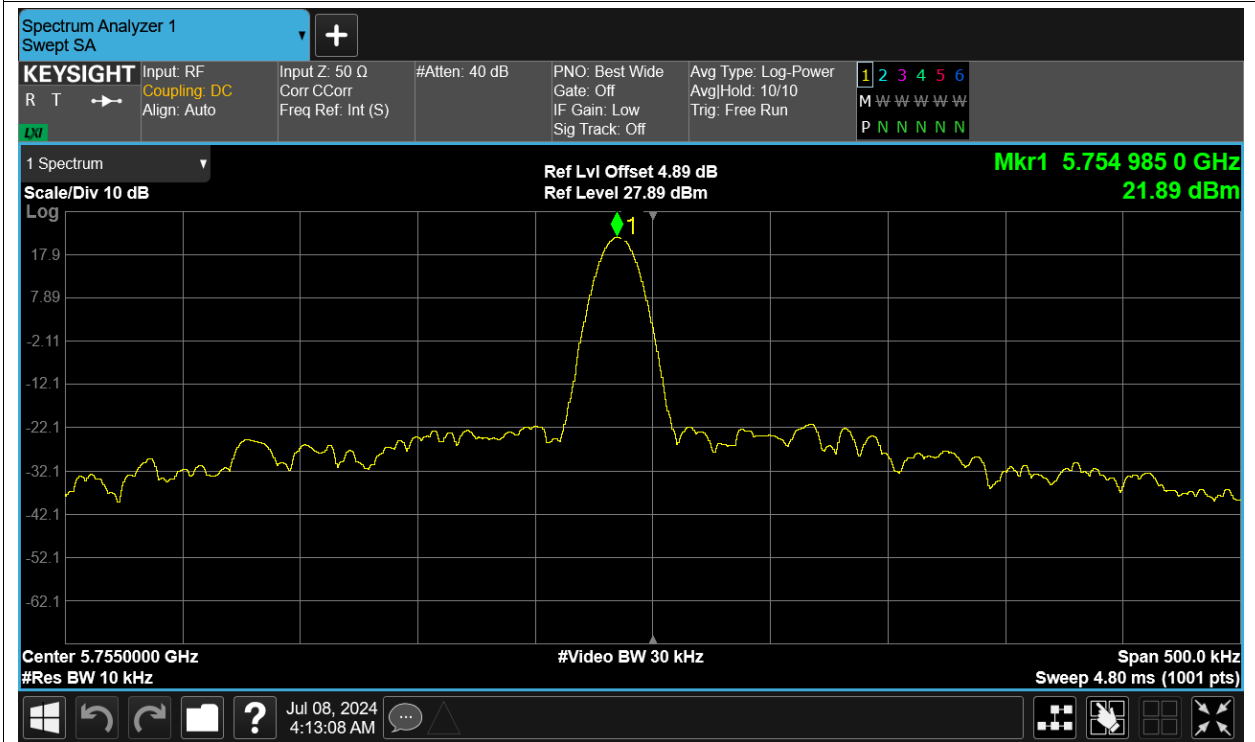
Freq. Stability LVNT n40 5755MHz Ant2



Freq. Stability NVHT n40 5755MHz Ant2

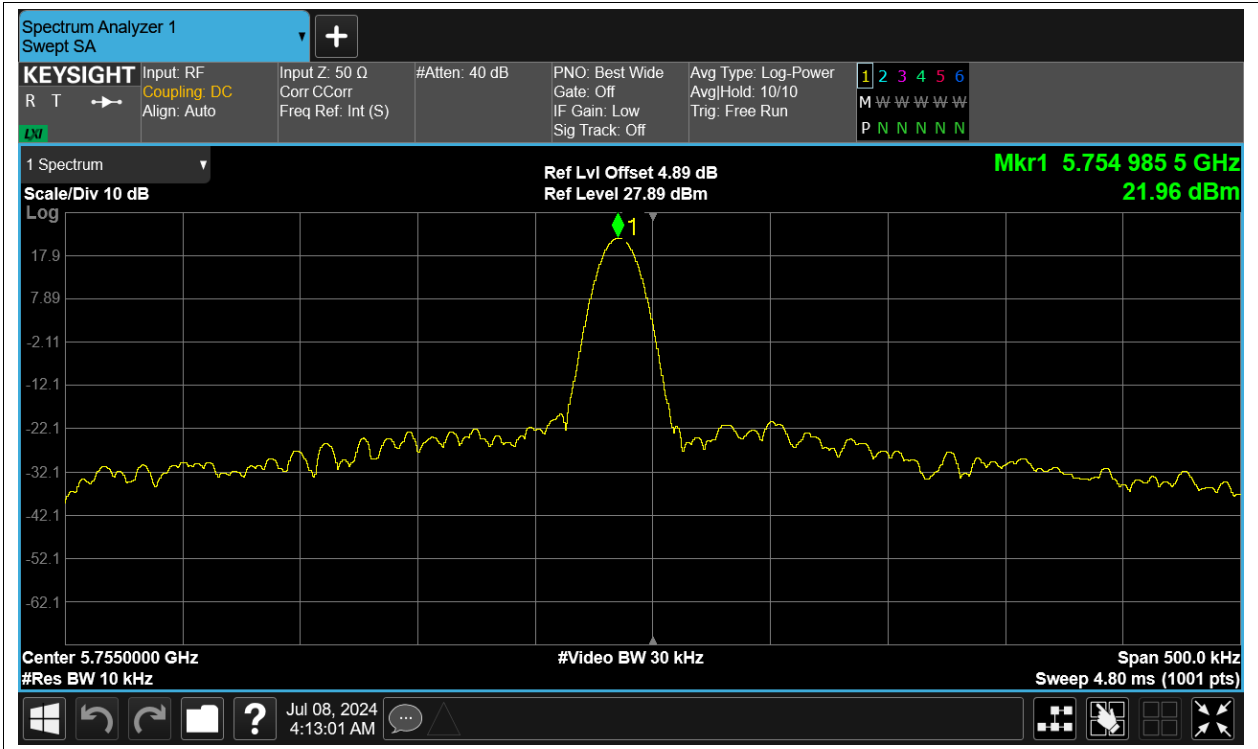


Freq. Stability NVLT n40 5755MHz Ant2



Freq. Stability NVNT n40 5755MHz Ant2



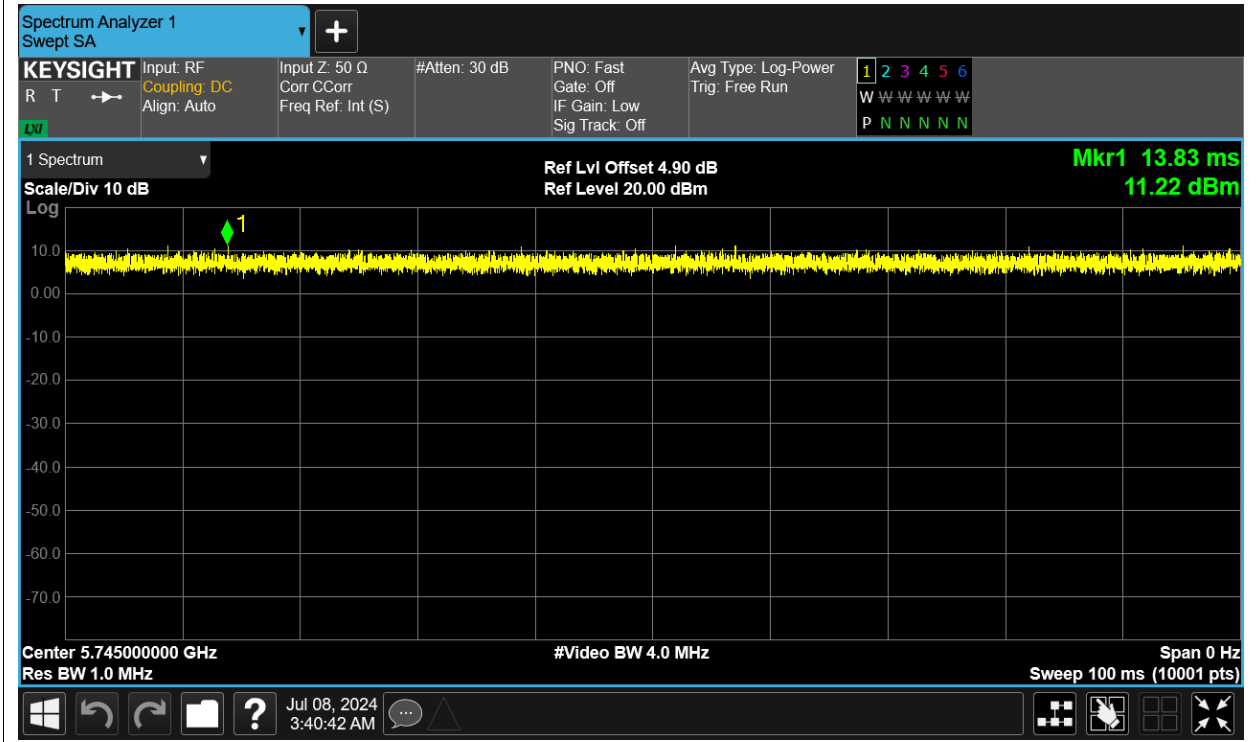


## Duty Cycle

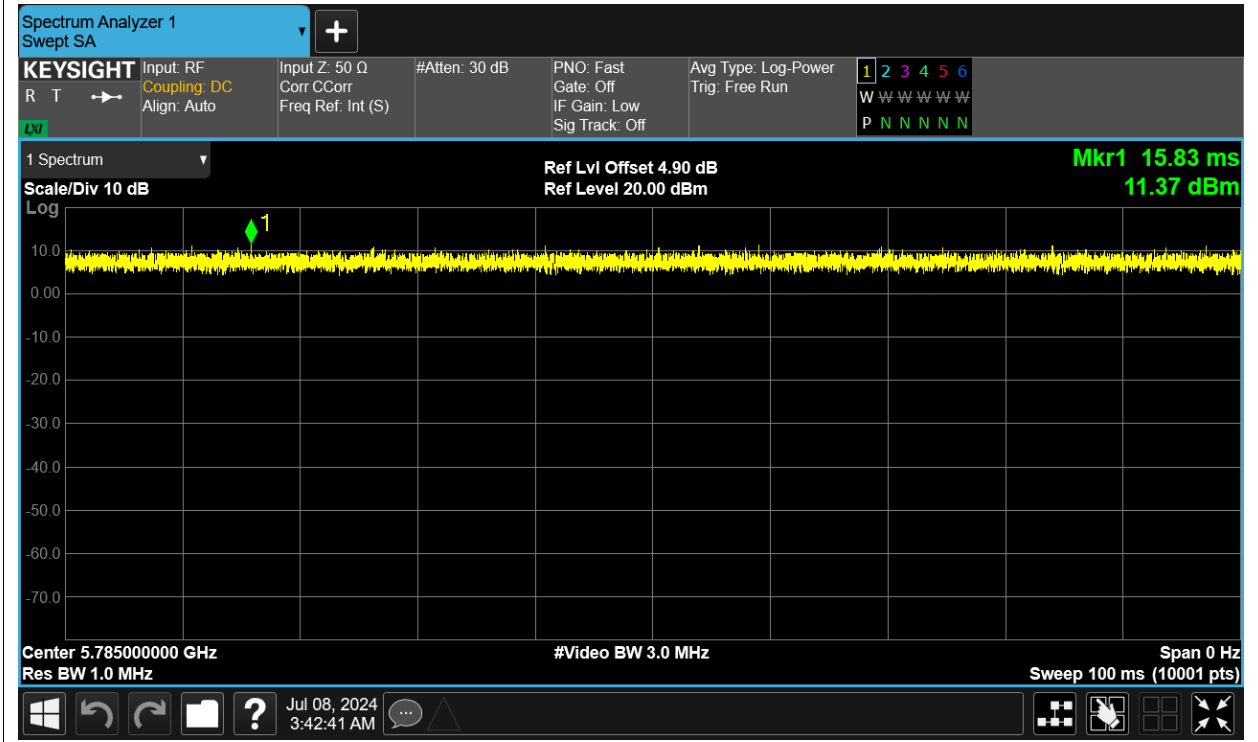
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant2	100	0
NVNT	a	5785	Ant2	100	0
NVNT	a	5825	Ant2	100	0
NVNT	ac20	5745	Ant2	100	0
NVNT	ac20	5785	Ant2	100	0
NVNT	ac20	5825	Ant2	100	0
NVNT	ac40	5755	Ant2	100	0
NVNT	ac40	5795	Ant2	100	0
NVNT	ac80	5775	Ant2	100	0
NVNT	n20	5745	Ant2	100	0
NVNT	n20	5785	Ant2	100	0
NVNT	n20	5825	Ant2	100	0
NVNT	n40	5755	Ant2	100	0
NVNT	n40	5795	Ant2	100	0

Test Graphs

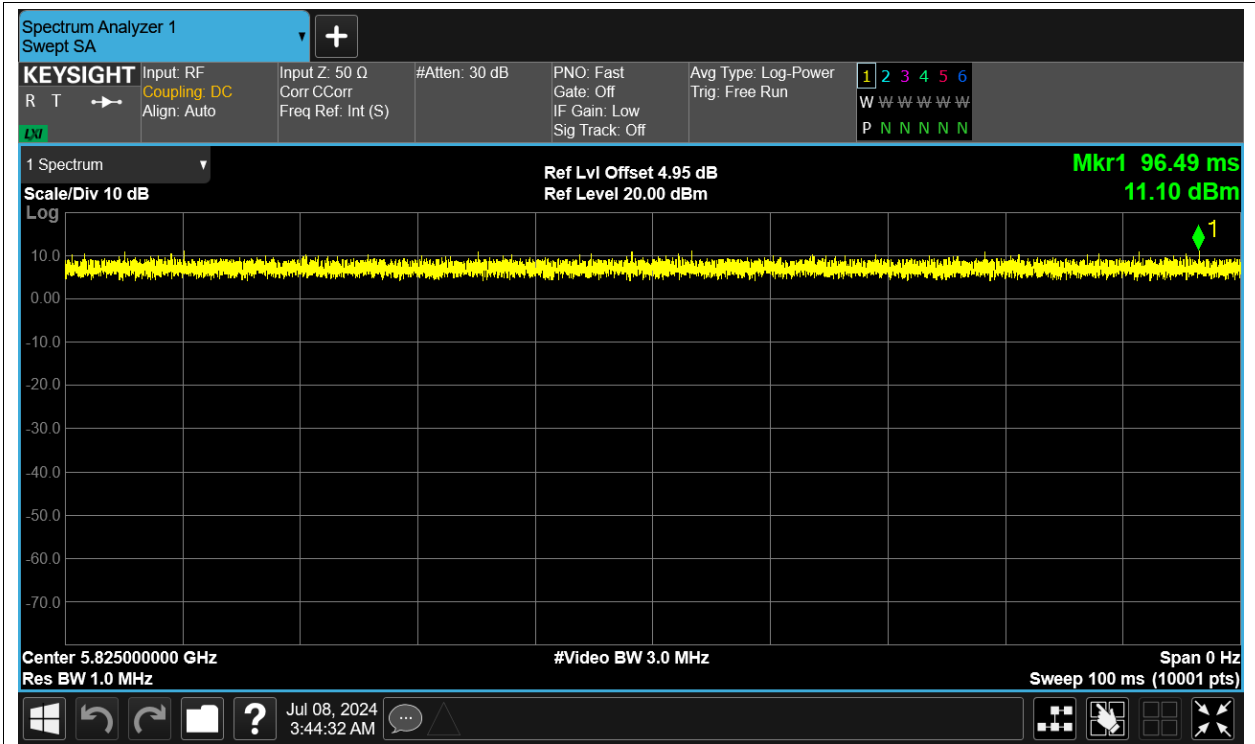
Duty Cycle NVNT a 5745MHz Ant2



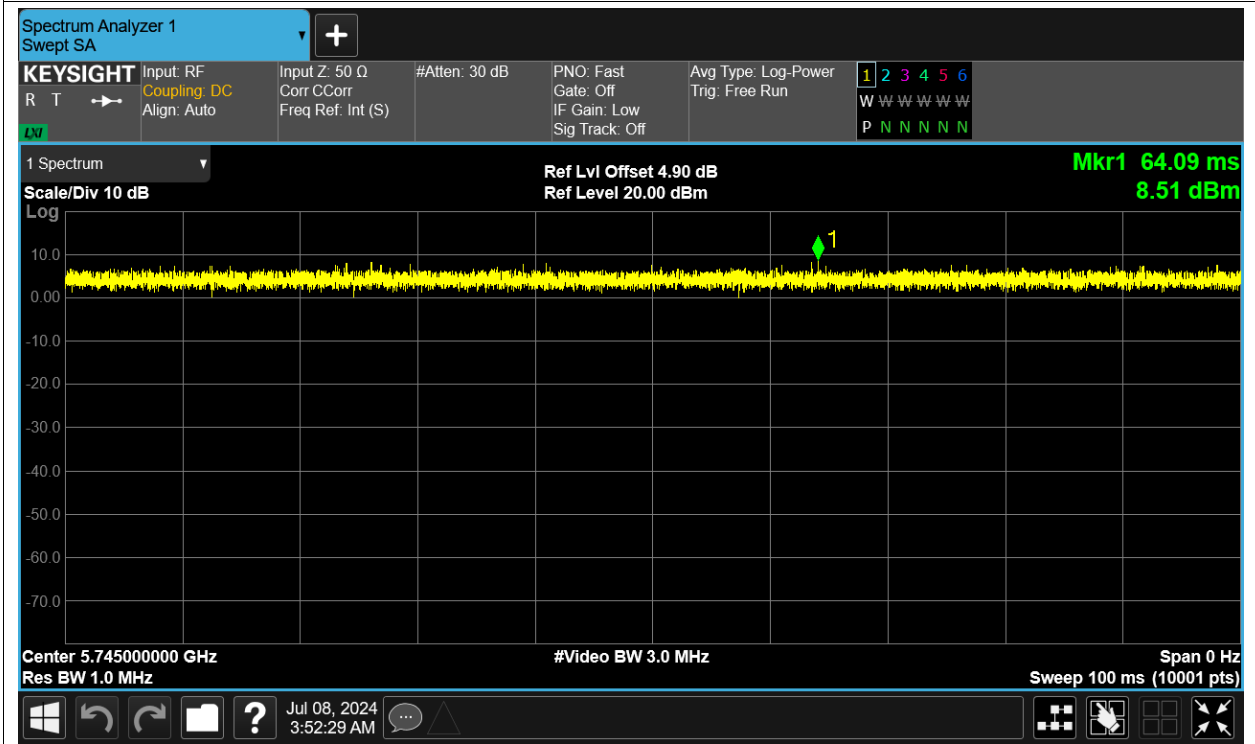
Duty Cycle NVNT a 5785MHz Ant2



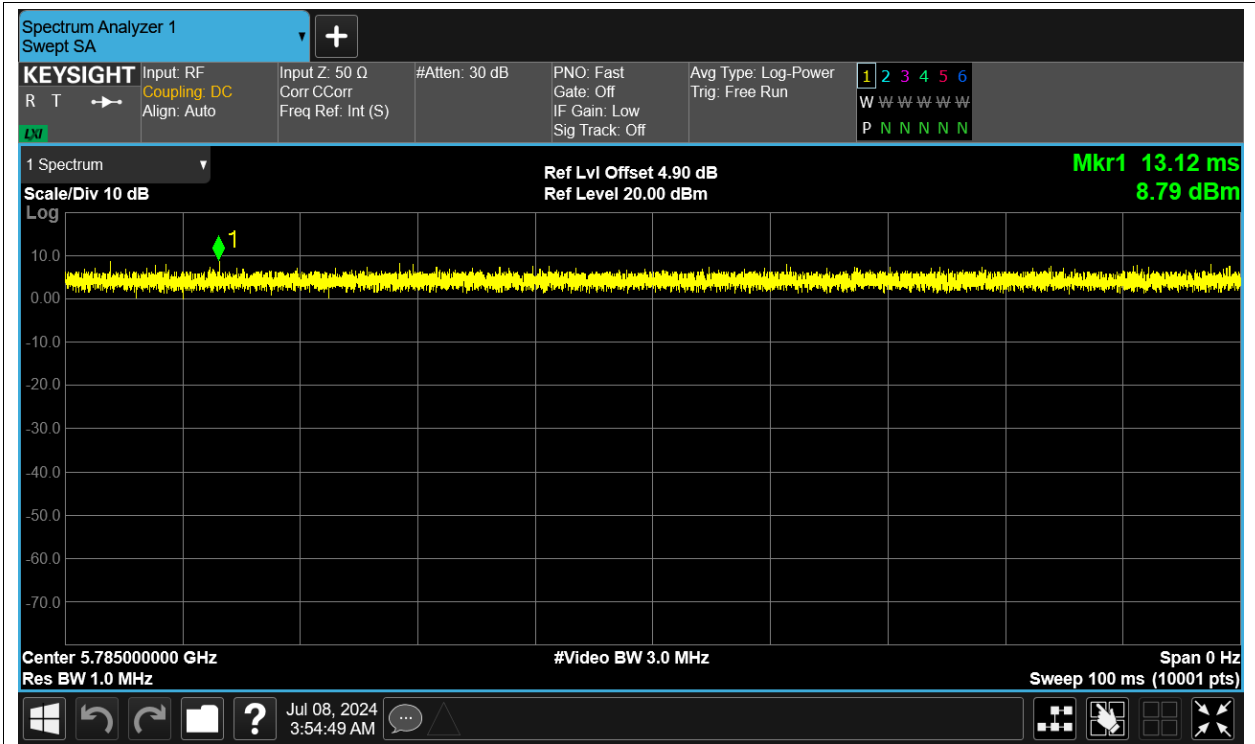
Duty Cycle NVNT a 5825MHz Ant2



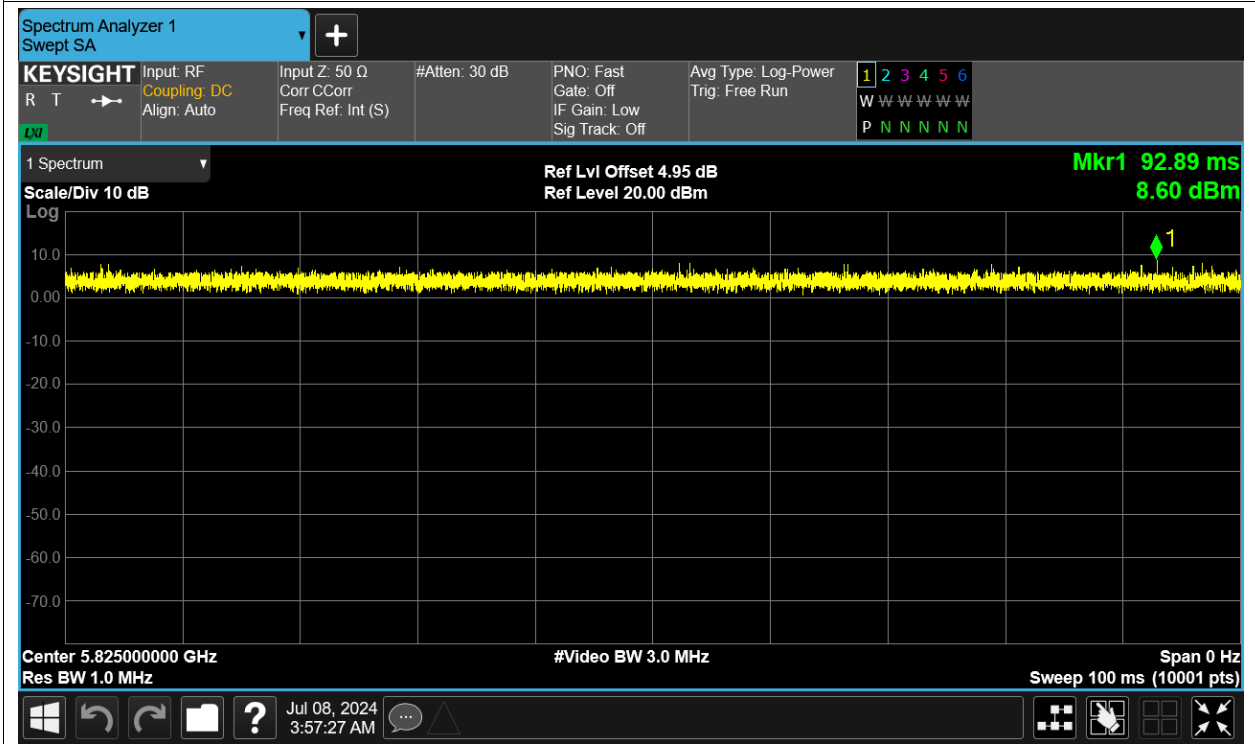
Duty Cycle NVNT ac20 5745MHz Ant2



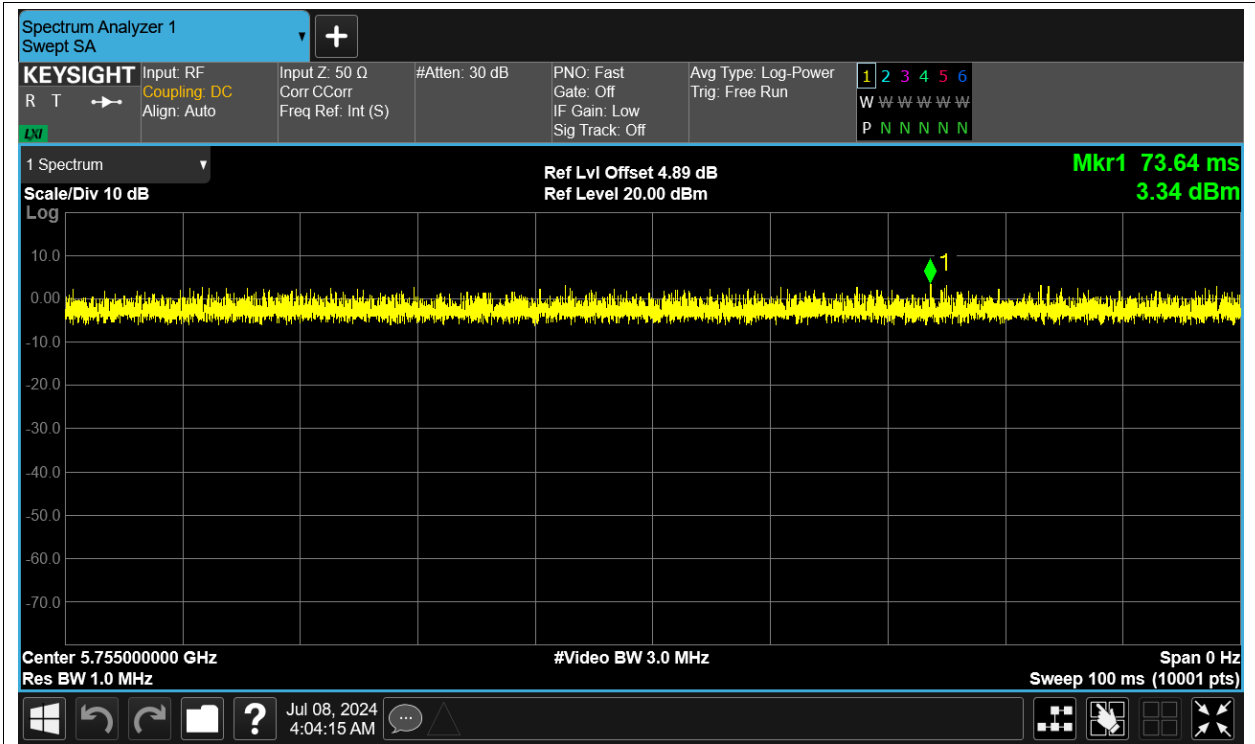
Duty Cycle NVNT ac20 5785MHz Ant2



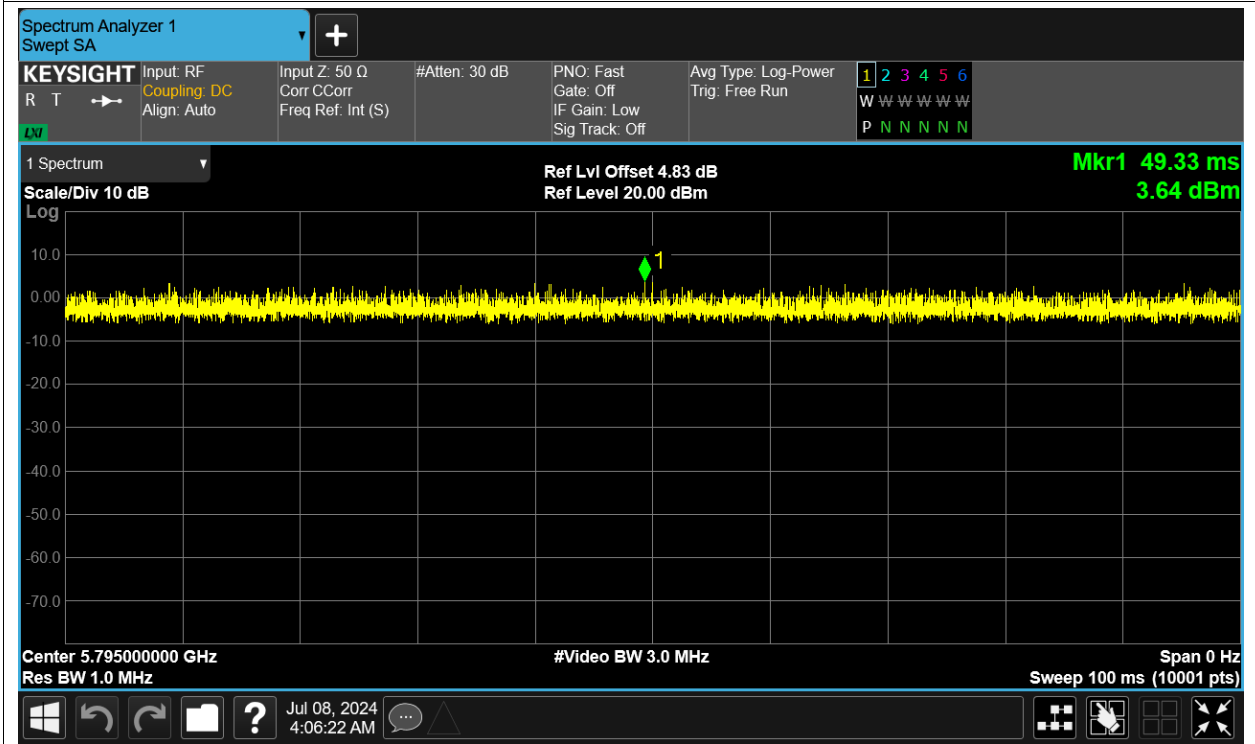
Duty Cycle NVNT ac20 5825MHz Ant2



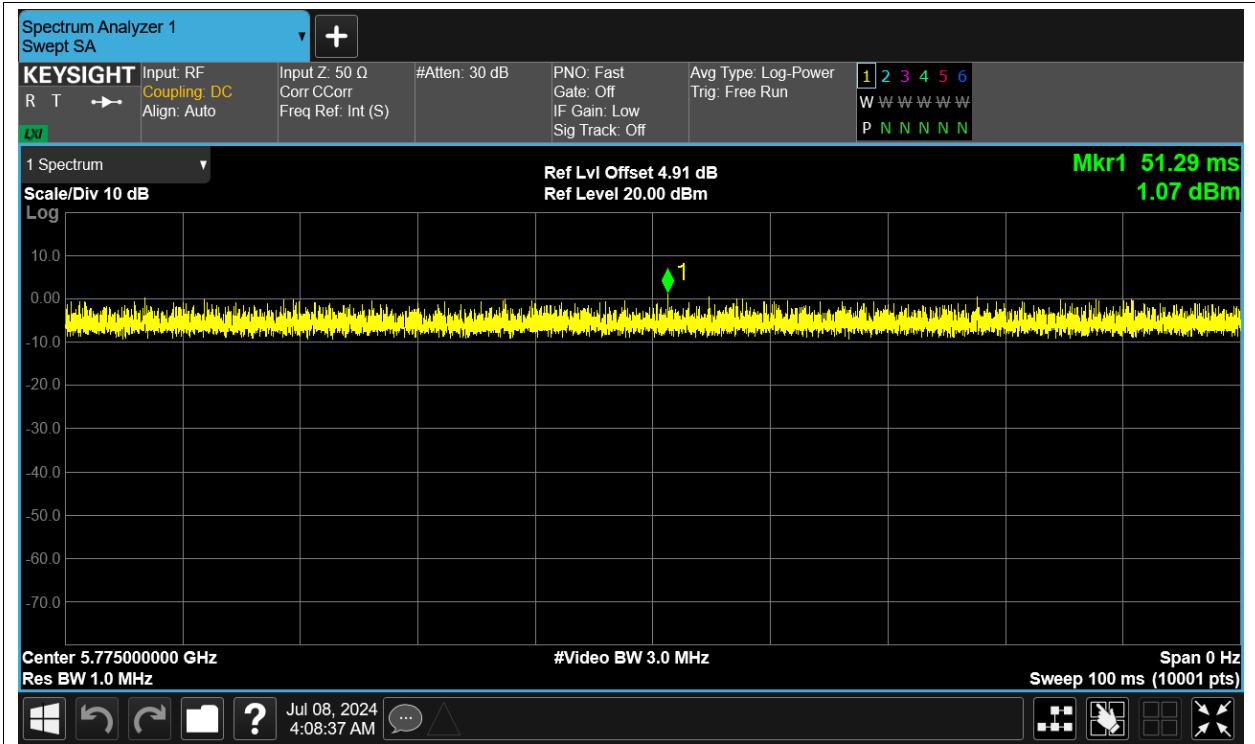
Duty Cycle NVNT ac40 5755MHz Ant2



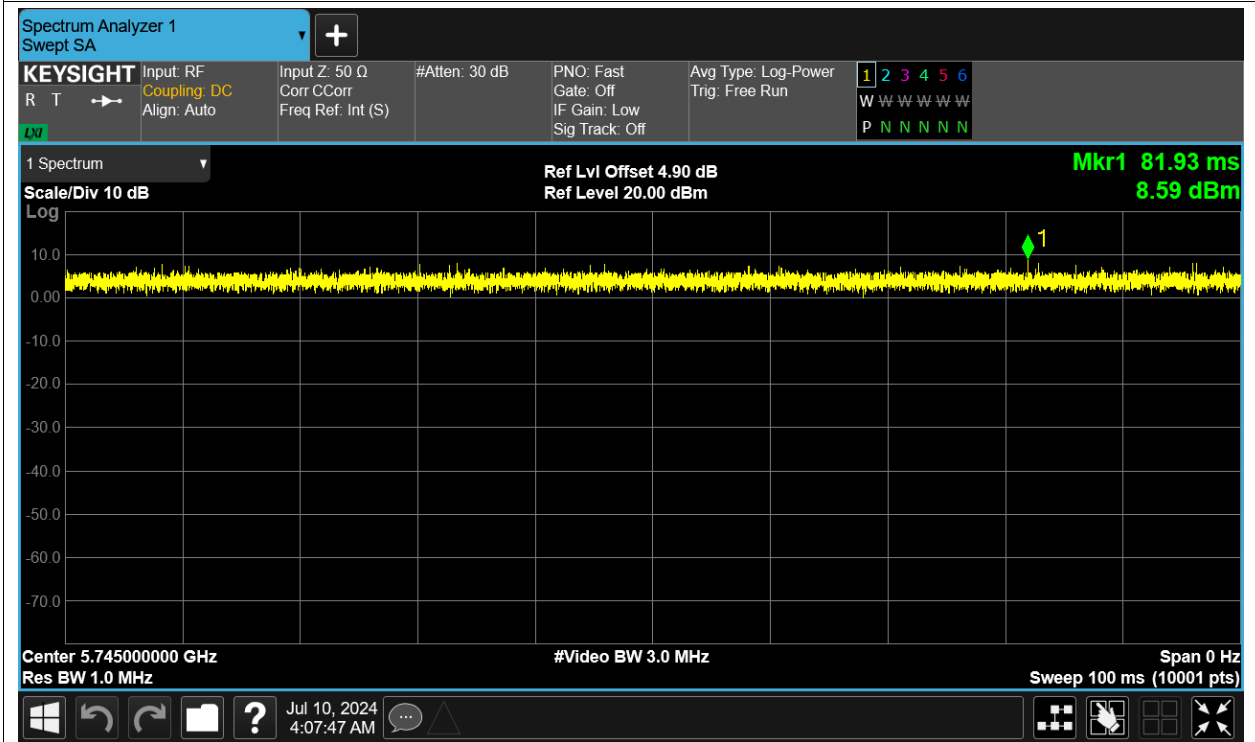
Duty Cycle NVNT ac40 5795MHz Ant2



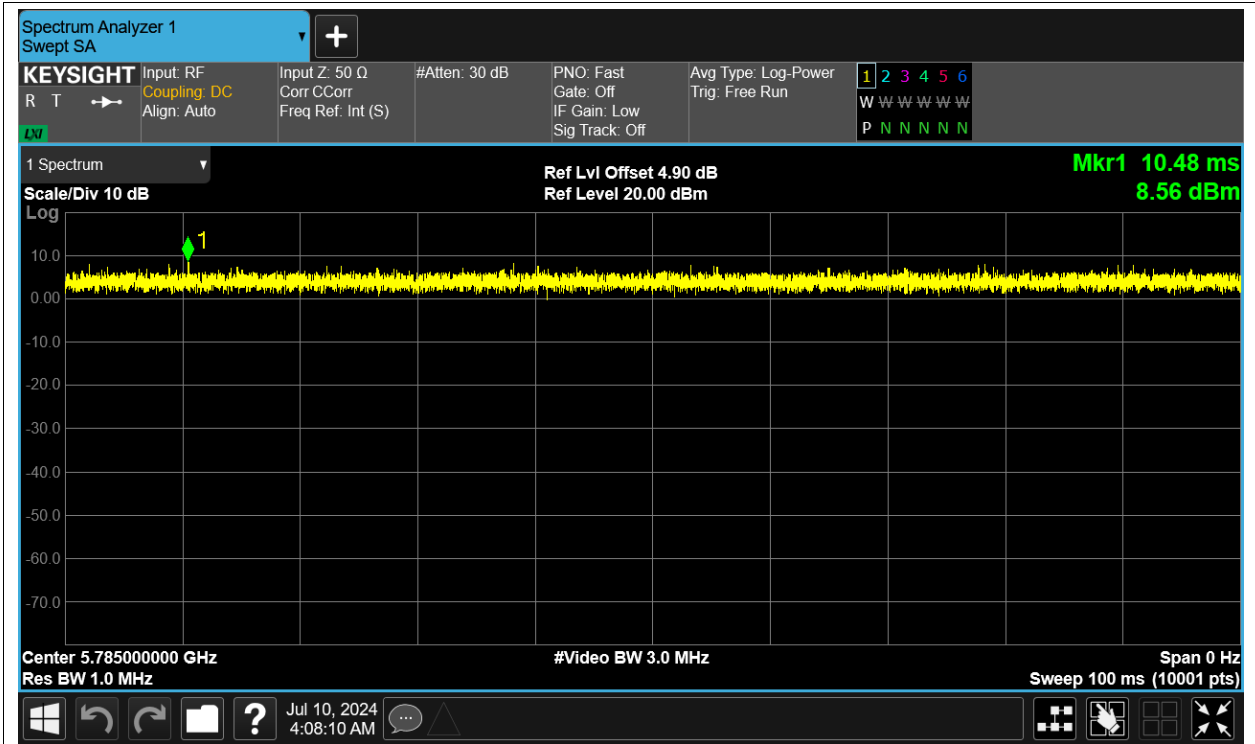
Duty Cycle NVNT ac80 5775MHz Ant2



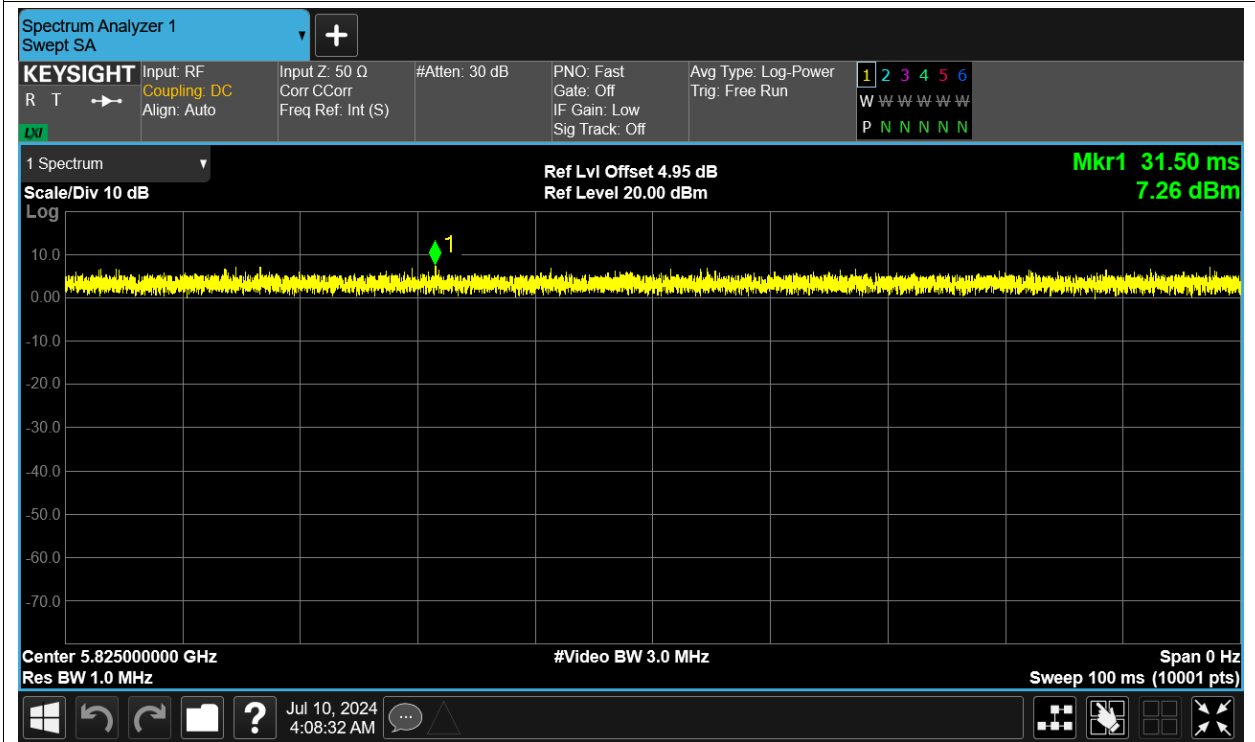
Duty Cycle NVNT n20 5745MHz Ant2



Duty Cycle NVNT n20 5785MHz Ant2

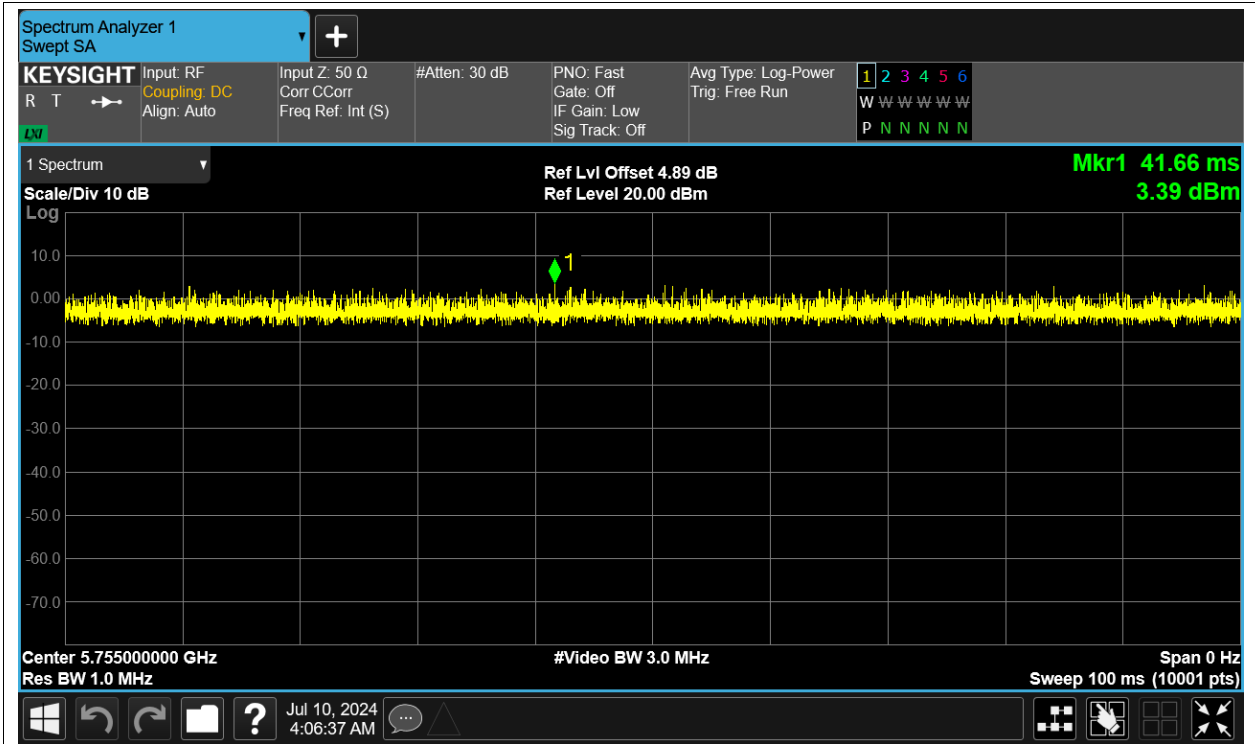


Duty Cycle NVNT n20 5825MHz Ant2

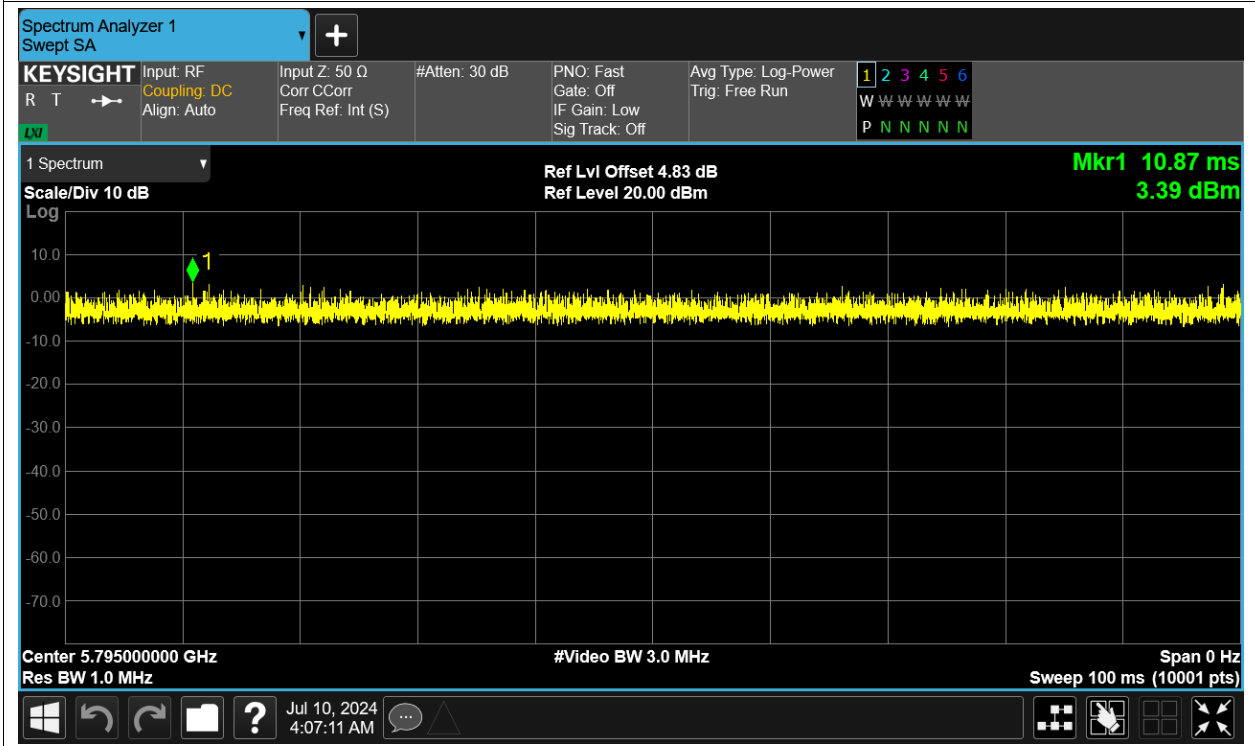


Duty Cycle NVNT n40 5755MHz Ant2





Duty Cycle NVNT n40 5795MHz Ant2



## Maximum Conducted Output Power

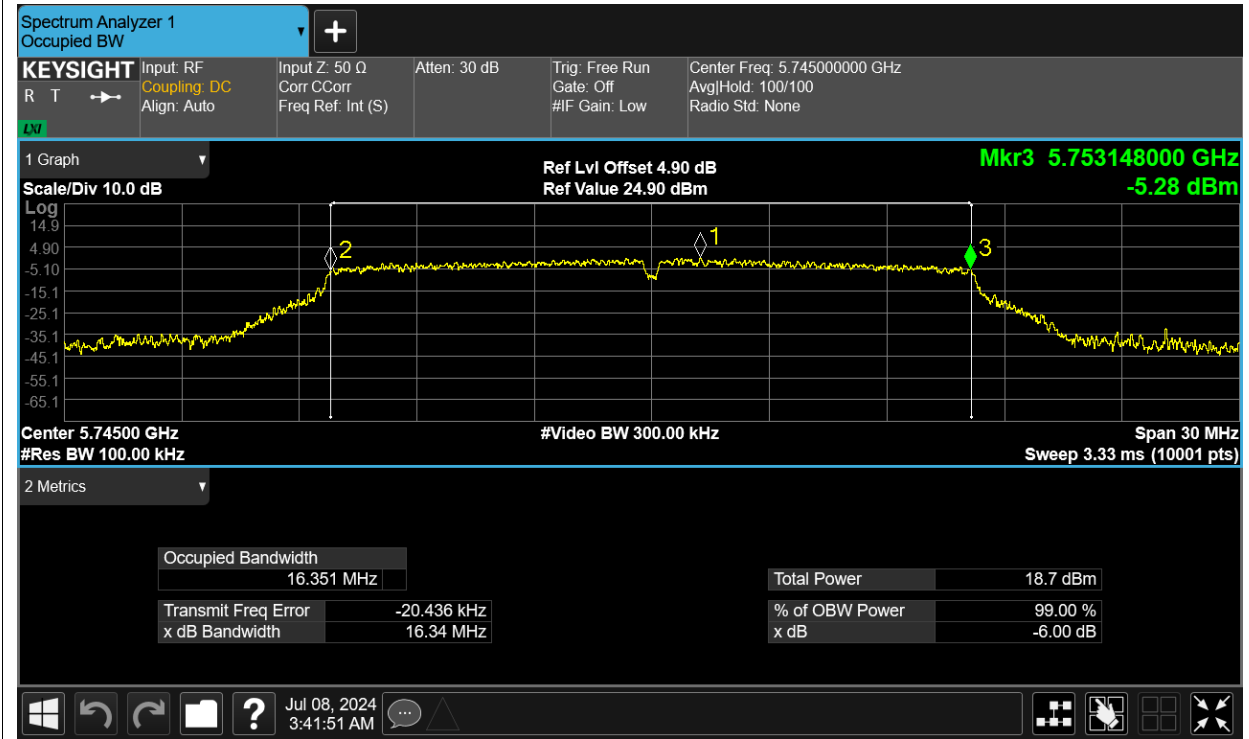
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	13.97	0	13.97	30	Pass
NVNT	a	5785	Ant2	14.03	0	14.03	30	Pass
NVNT	a	5825	Ant2	14.45	0	14.45	30	Pass
NVNT	ac20	5745	Ant2	11.41	0	11.41	30	Pass
NVNT	ac20	5785	Ant2	11.1	0	11.1	30	Pass
NVNT	ac20	5825	Ant2	11.51	0	11.51	30	Pass
NVNT	ac40	5755	Ant2	11.12	0	11.12	30	Pass
NVNT	ac40	5795	Ant2	11.36	0	11.36	30	Pass
NVNT	ac80	5775	Ant2	11.11	0	11.11	30	Pass
NVNT	n20	5745	Ant2	11.02	0	11.02	30	Pass
NVNT	n20	5785	Ant2	11.1	0	11.1	30	Pass
NVNT	n20	5825	Ant2	11.13	0	11.13	30	Pass
NVNT	n40	5755	Ant2	10.87	0	10.87	30	Pass
NVNT	n40	5795	Ant2	10.86	0	10.86	30	Pass

## -6dB Bandwidth

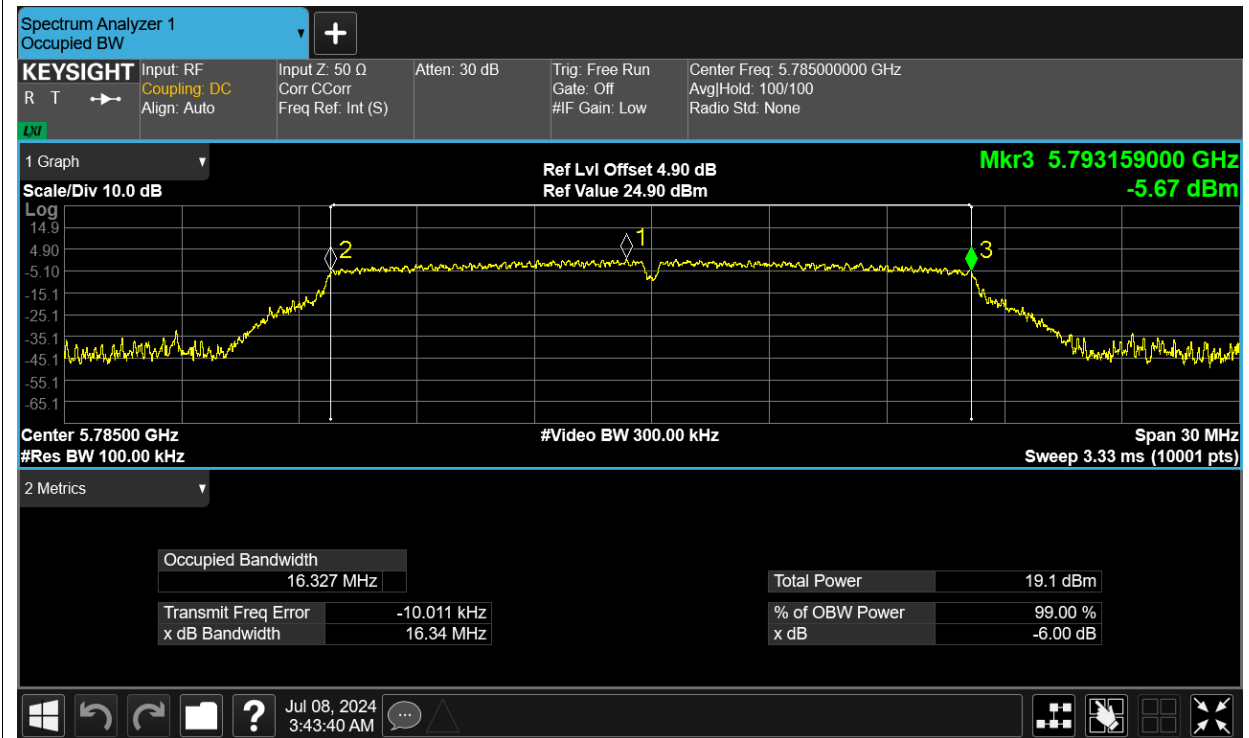
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant2	16.337	0.5	Pass
NVNT	a	5785	Ant2	16.338	0.5	Pass
NVNT	a	5825	Ant2	16.327	0.5	Pass
NVNT	ac20	5745	Ant2	17.544	0.5	Pass
NVNT	ac20	5785	Ant2	17.591	0.5	Pass
NVNT	ac20	5825	Ant2	17.581	0.5	Pass
NVNT	ac40	5755	Ant2	36.045	0.5	Pass
NVNT	ac40	5795	Ant2	36.261	0.5	Pass
NVNT	ac80	5775	Ant2	76.335	0.5	Pass
NVNT	n20	5745	Ant2	17.557	0.5	Pass
NVNT	n20	5785	Ant2	17.269	0.5	Pass
NVNT	n20	5825	Ant2	17.559	0.5	Pass
NVNT	n40	5755	Ant2	36.034	0.5	Pass
NVNT	n40	5795	Ant2	36.086	0.5	Pass

Test Graphs

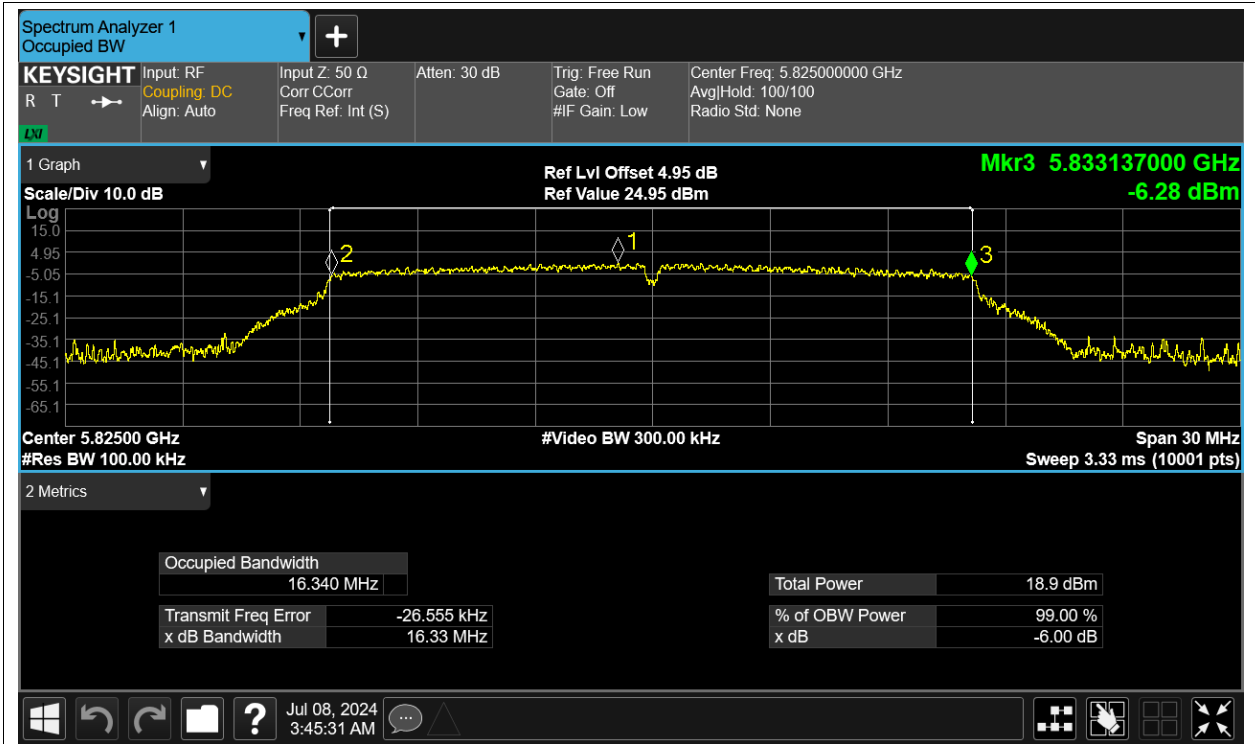
-6dB Bandwidth NVNT a 5745MHz Ant2



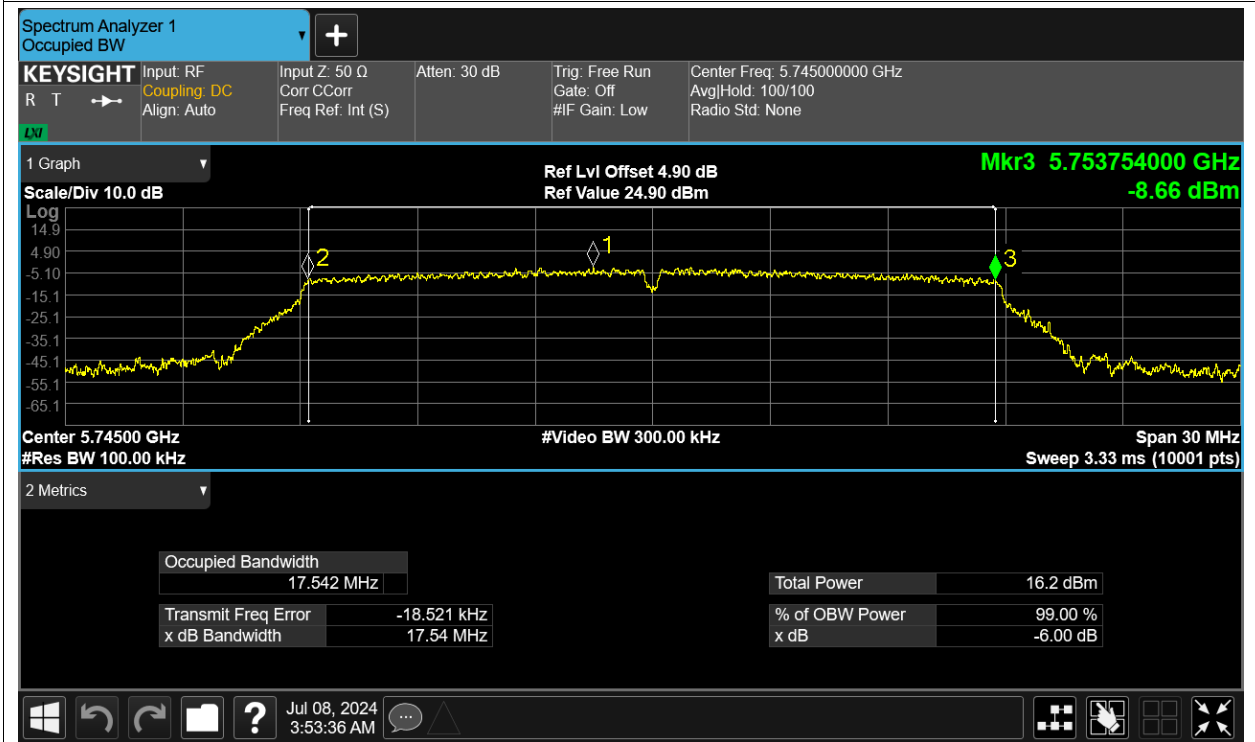
-6dB Bandwidth NVNT a 5785MHz Ant2



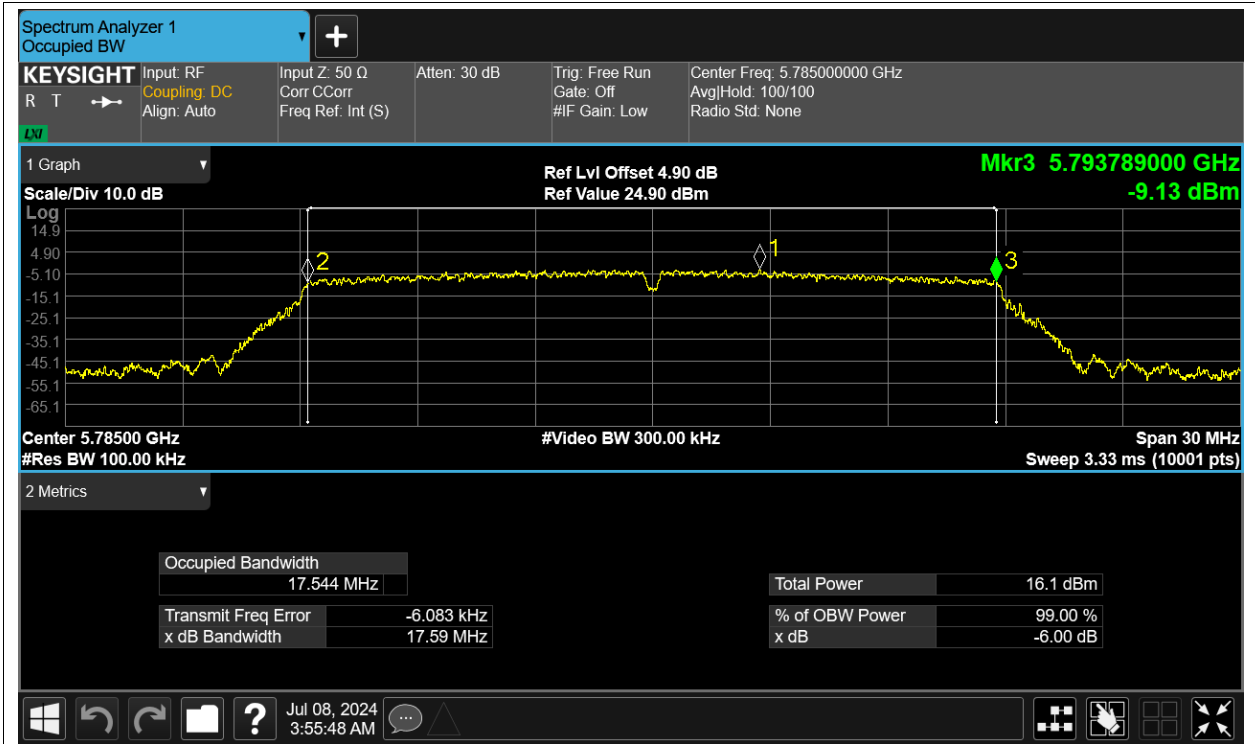
-6dB Bandwidth NVNT a 5825MHz Ant2



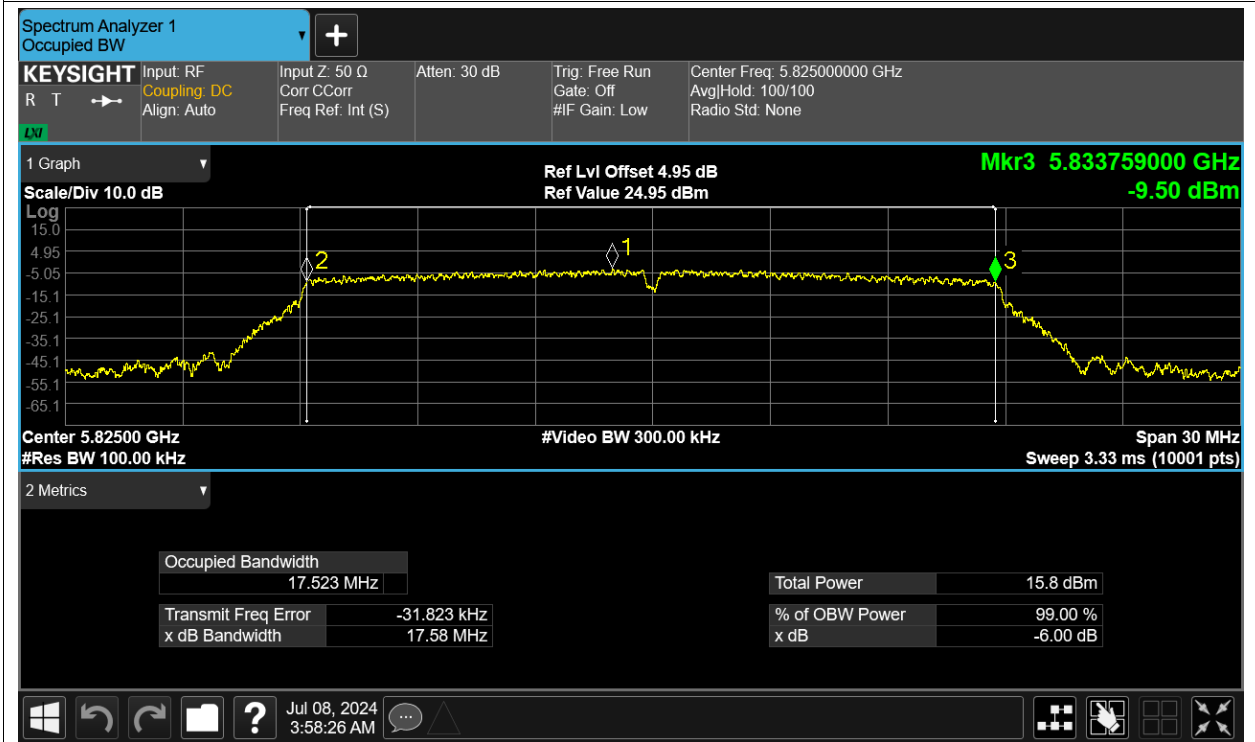
-6dB Bandwidth NVNT ac20 5745MHz Ant2



-6dB Bandwidth NVNT ac20 5785MHz Ant2



-6dB Bandwidth NVNT ac20 5825MHz Ant2



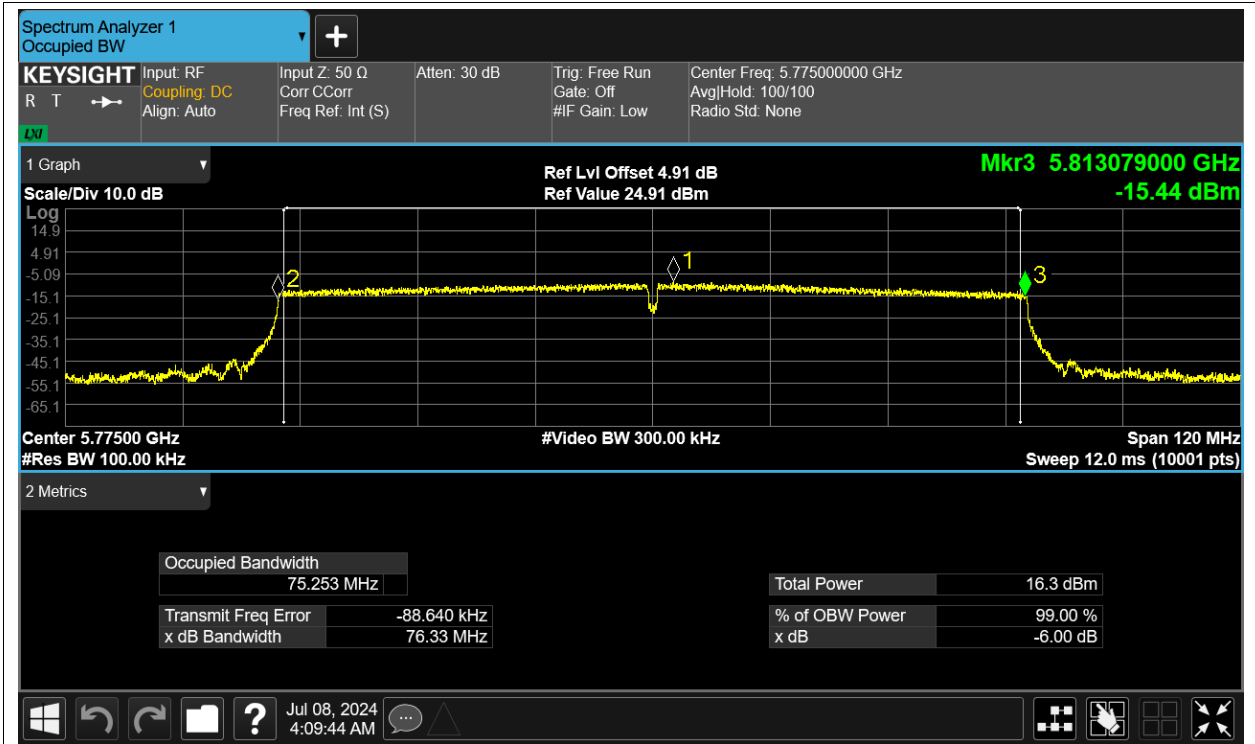
-6dB Bandwidth NVNT ac40 5755MHz Ant2



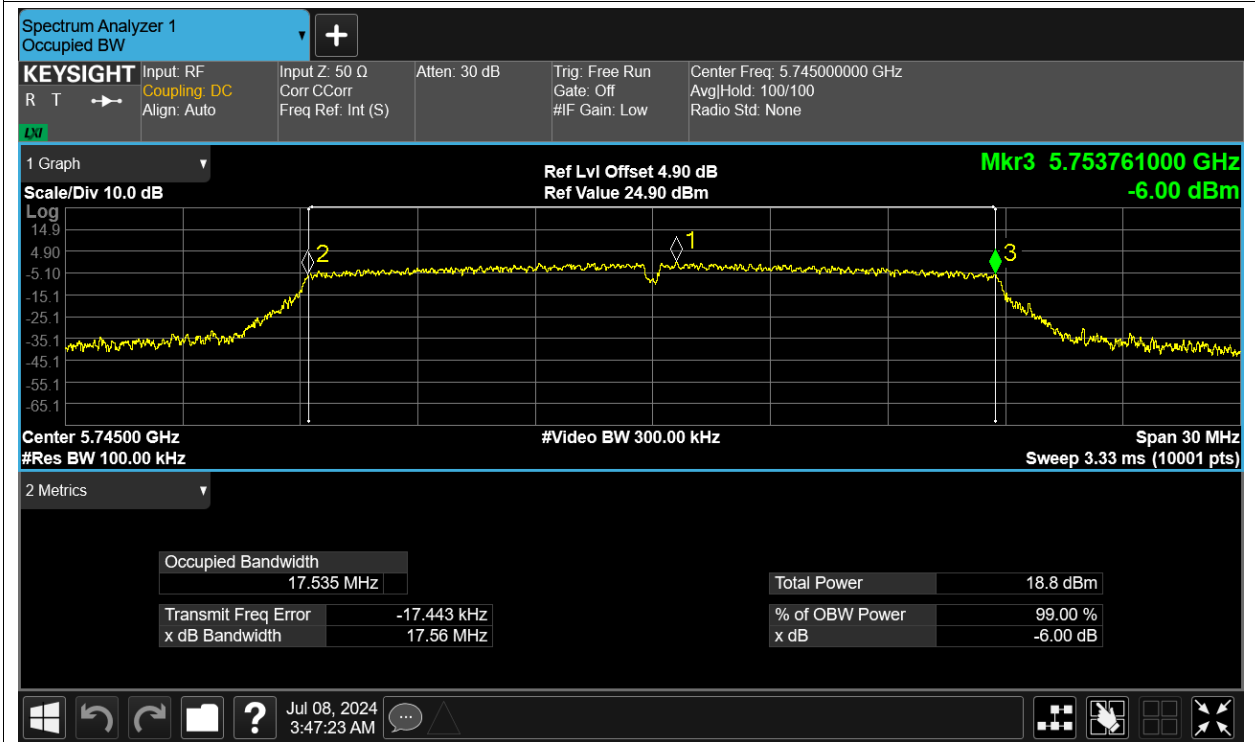
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant2

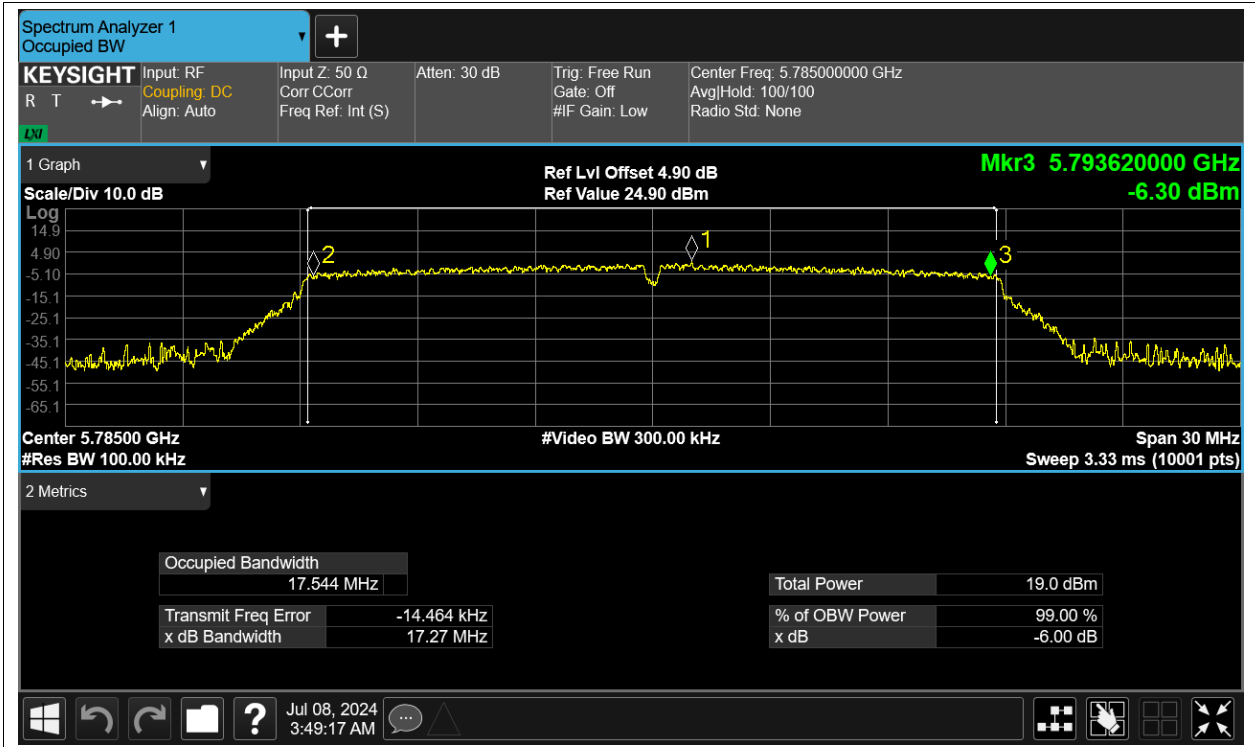


-6dB Bandwidth NVNT n20 5745MHz Ant2

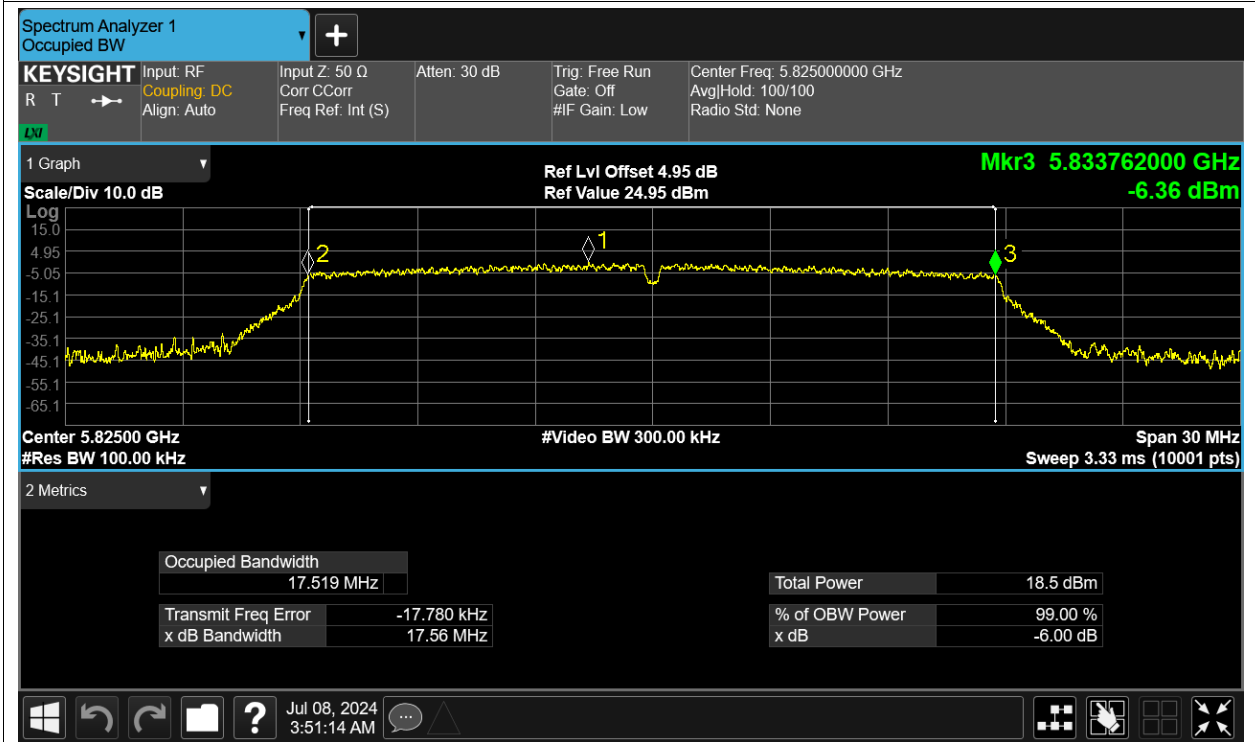


-6dB Bandwidth NVNT n20 5785MHz Ant2

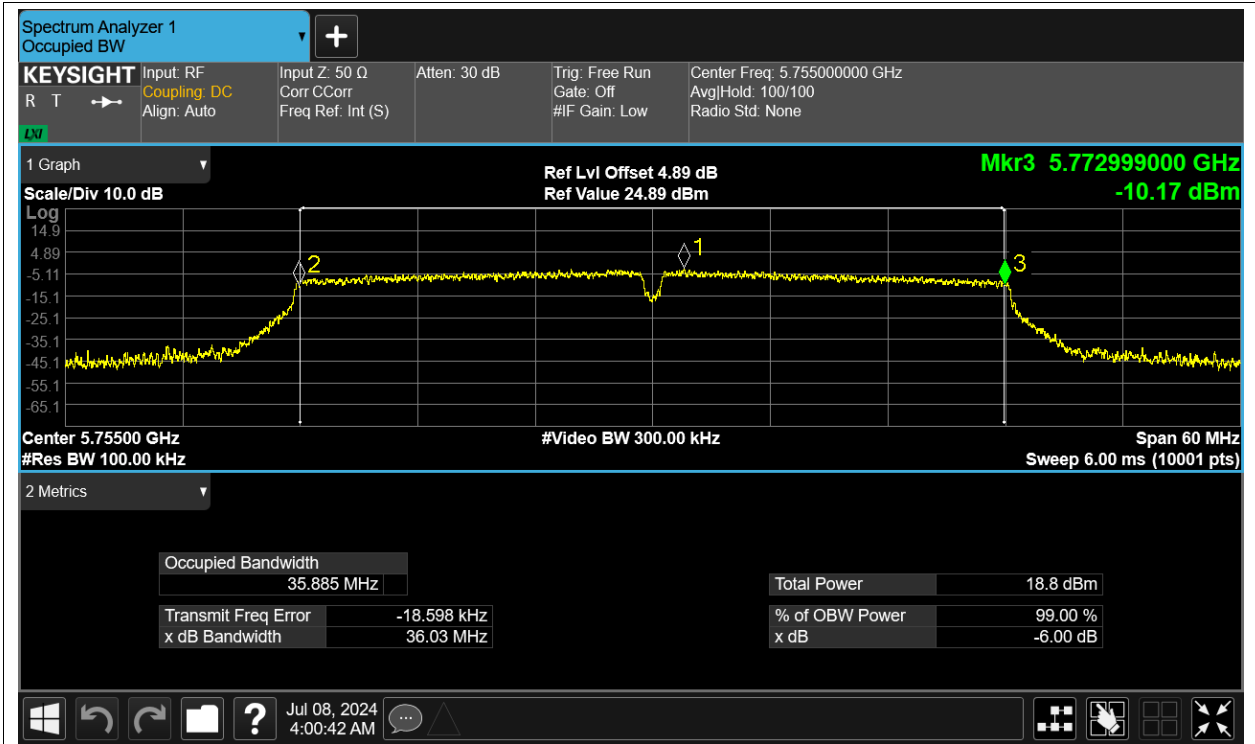




-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant2

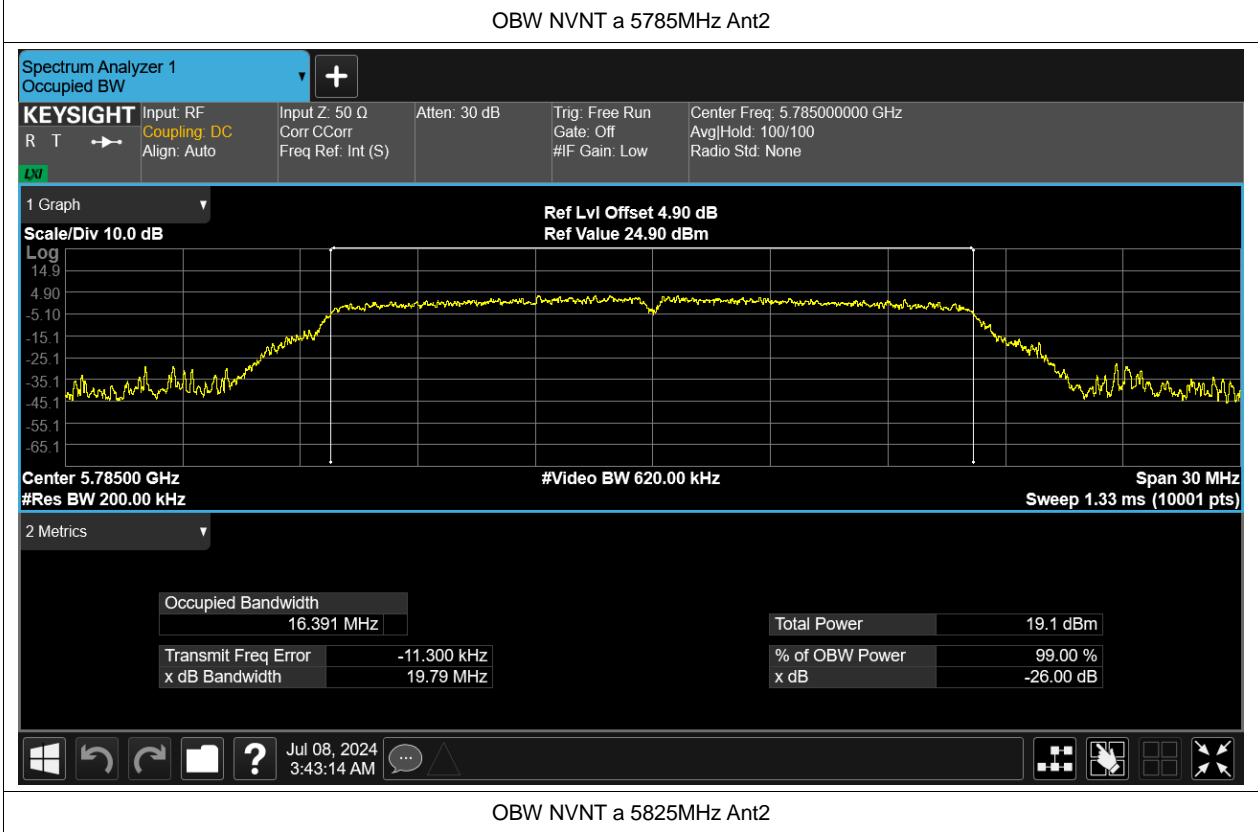


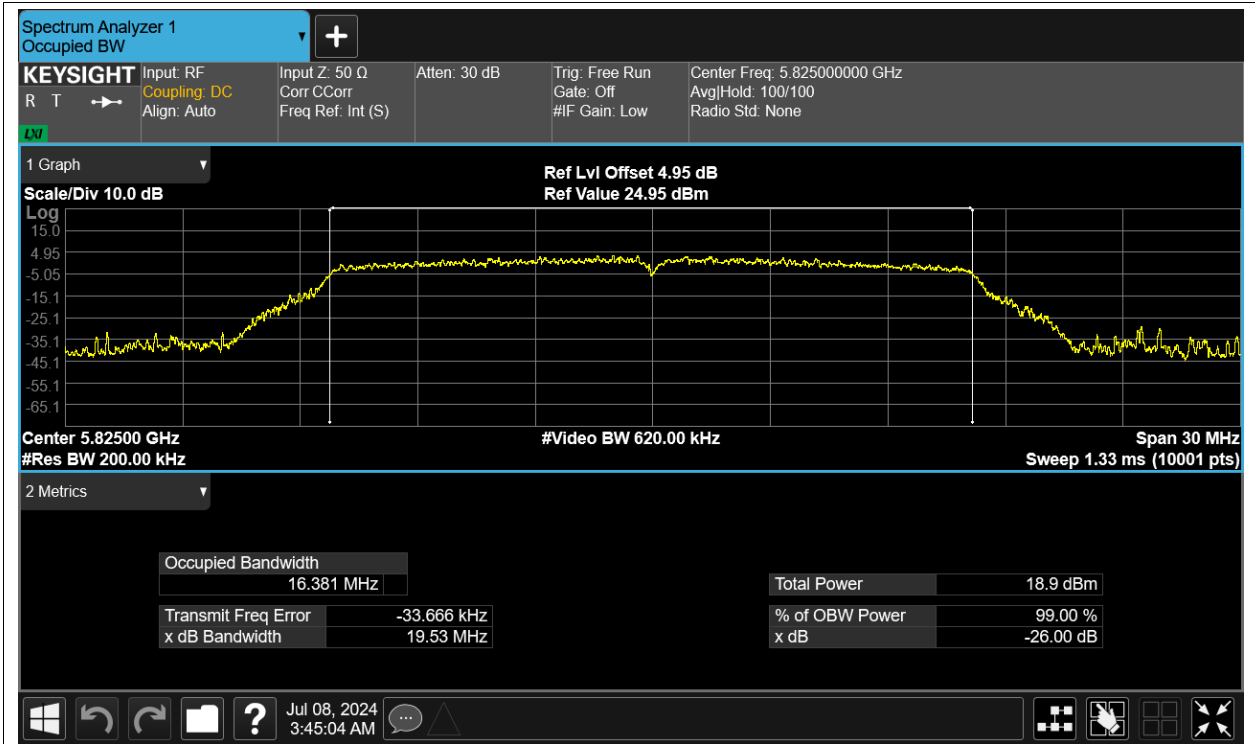
-6dB Bandwidth NVNT n40 5795MHz Ant2



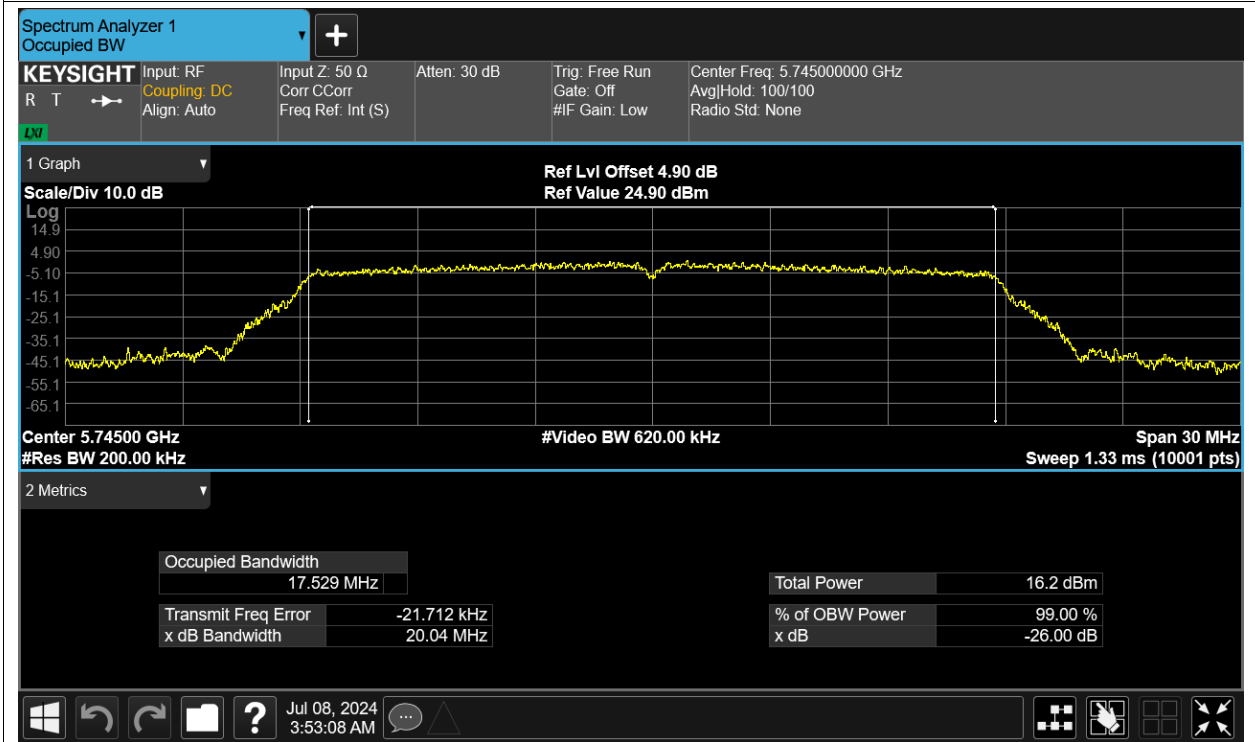
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant2	16.404
NVNT	a	5785	Ant2	16.391
NVNT	a	5825	Ant2	16.381
NVNT	ac20	5745	Ant2	17.529
NVNT	ac20	5785	Ant2	17.535
NVNT	ac20	5825	Ant2	17.55
NVNT	ac40	5755	Ant2	35.954
NVNT	ac40	5795	Ant2	35.998
NVNT	ac80	5775	Ant2	75.224
NVNT	n20	5745	Ant2	17.542
NVNT	n20	5785	Ant2	17.534
NVNT	n20	5825	Ant2	17.564
NVNT	n40	5755	Ant2	35.985
NVNT	n40	5795	Ant2	35.967

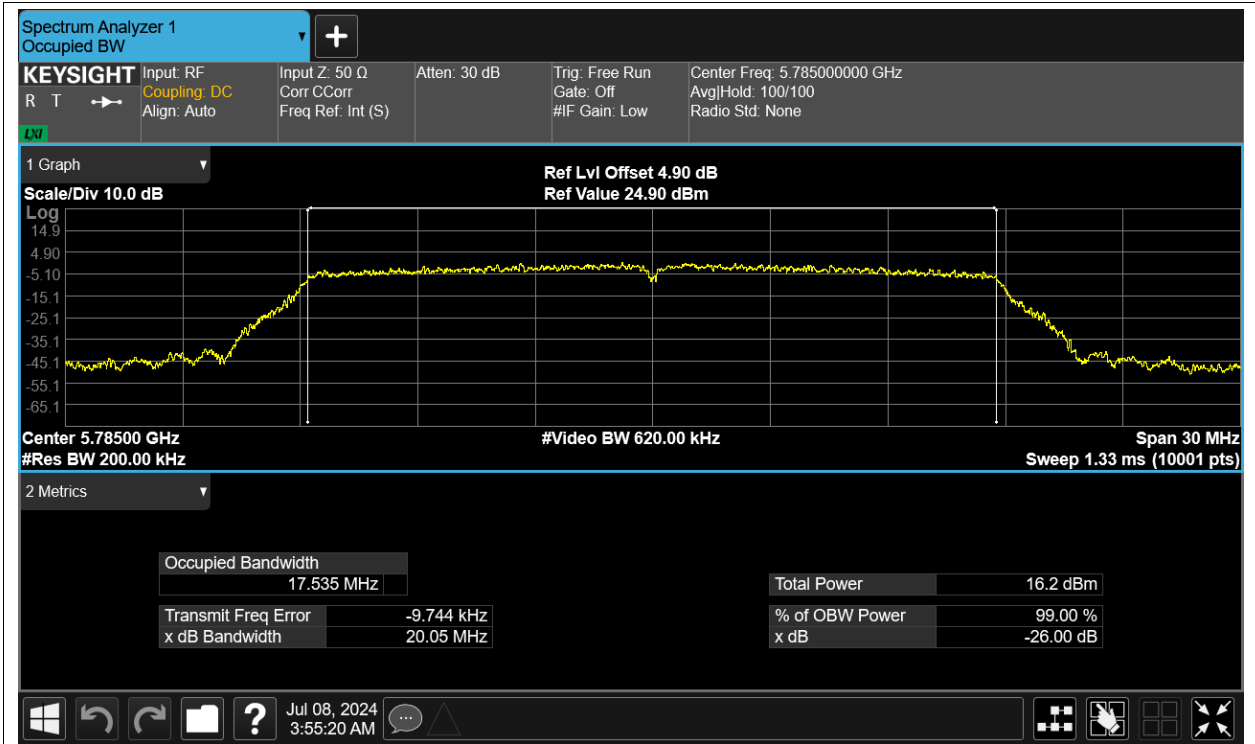




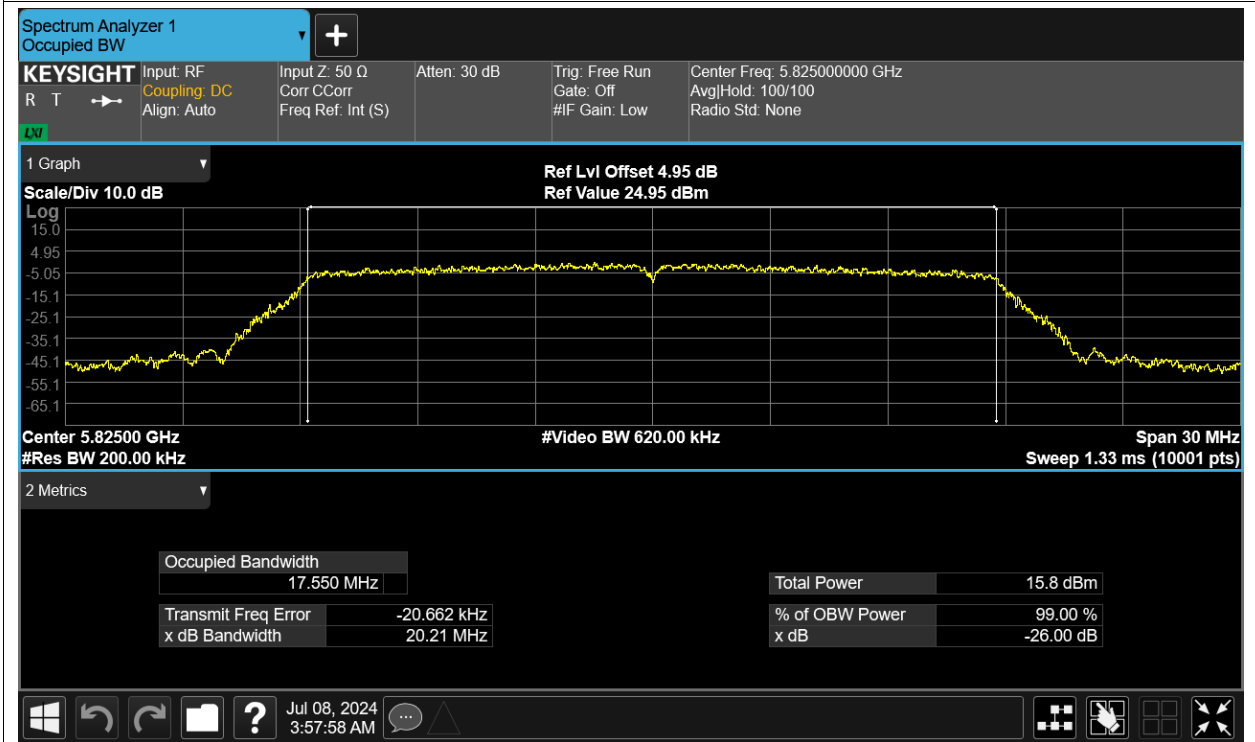
OBW NVNT ac20 5745MHz Ant2



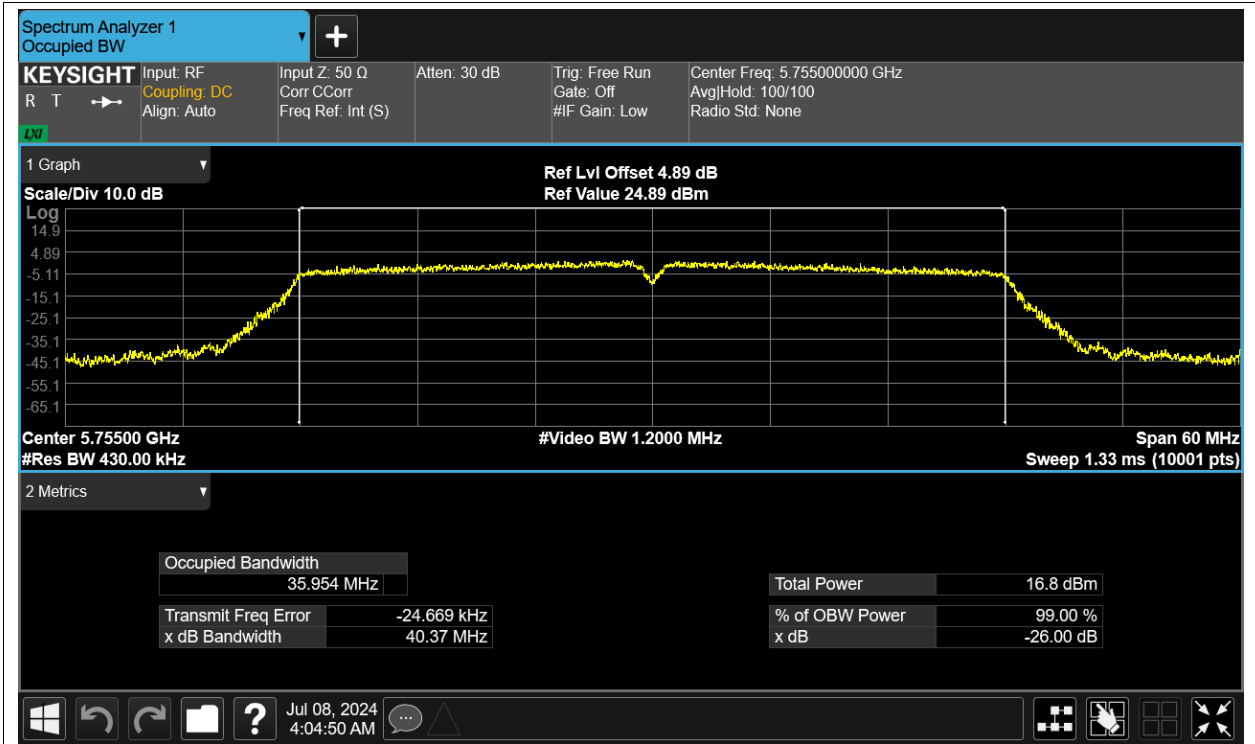
OBW NVNT ac20 5785MHz Ant2



OBW NVNT ac20 5825MHz Ant2



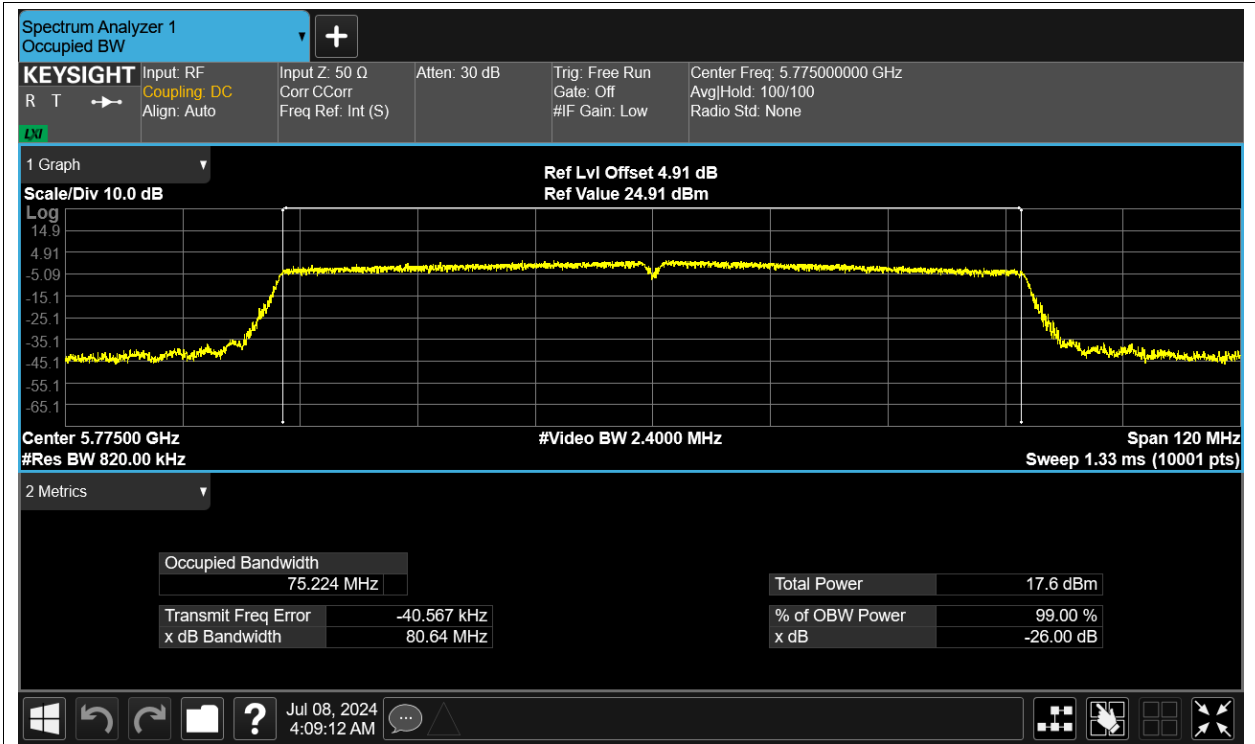
OBW NVNT ac40 5755MHz Ant2



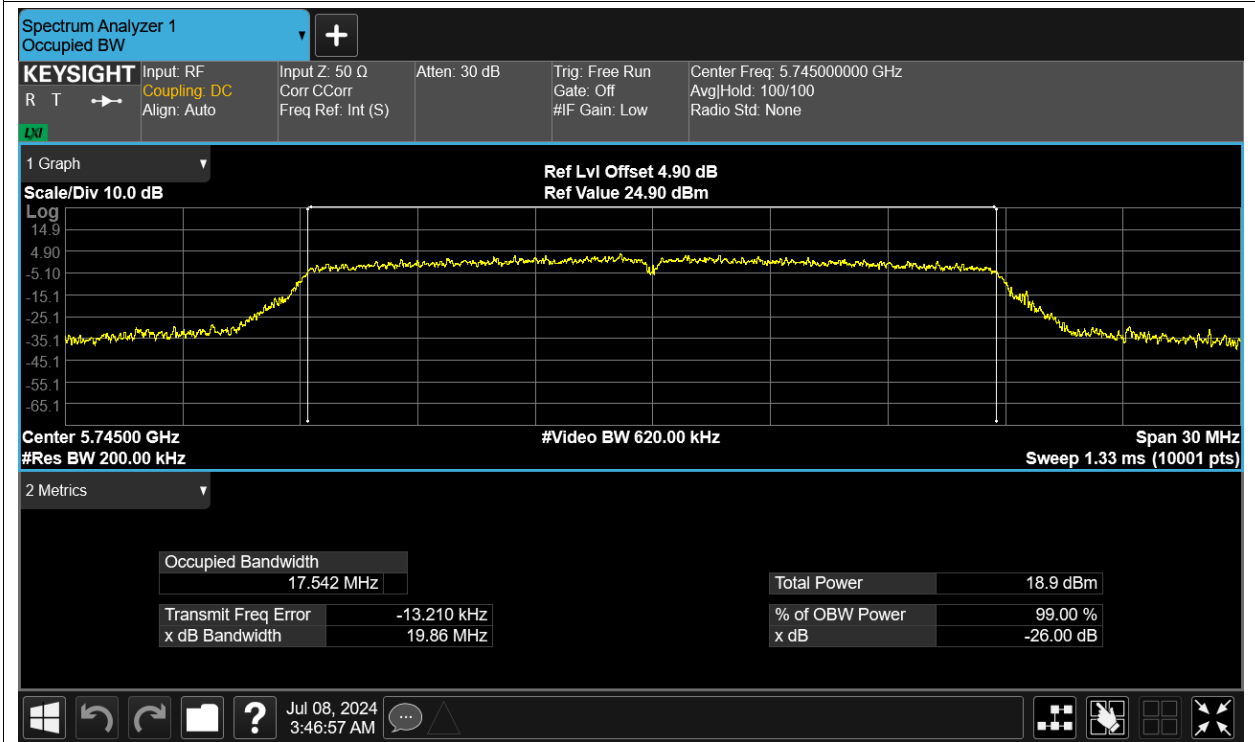
OBW NVNT ac40 5795MHz Ant2



OBW NVNT ac80 5775MHz Ant2

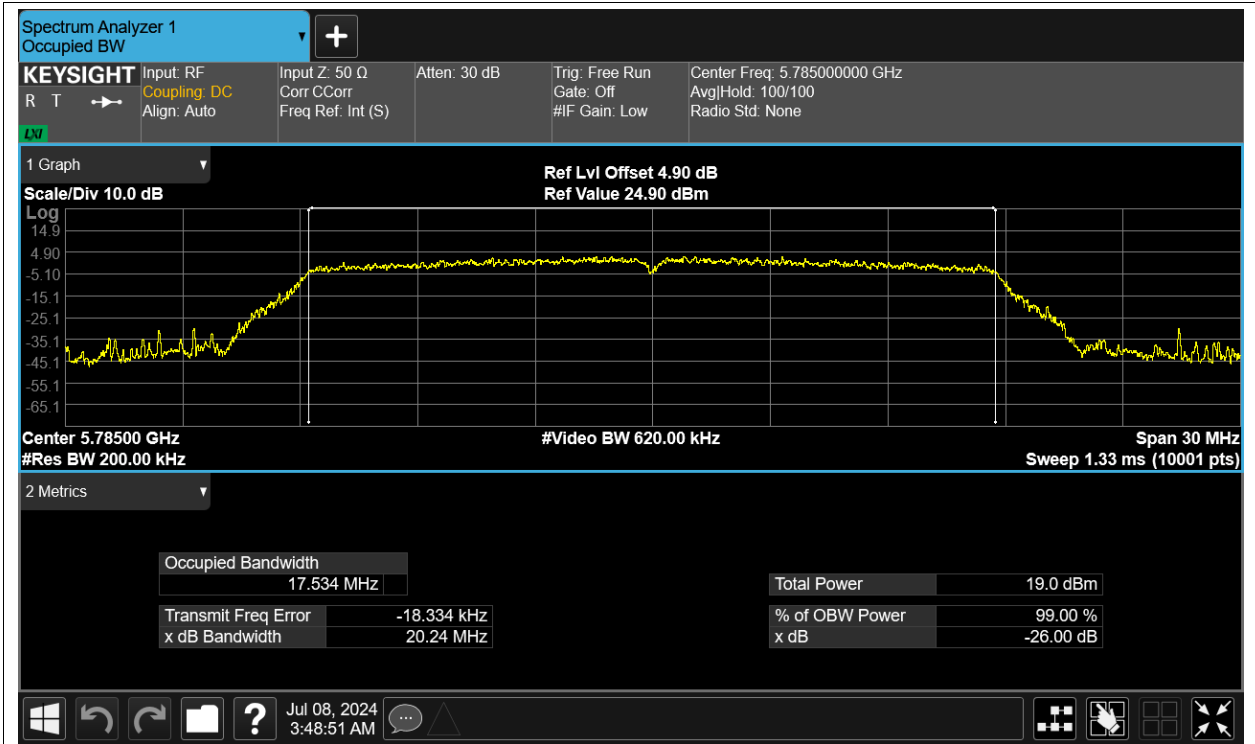


OBW NVNT n20 5745MHz Ant2

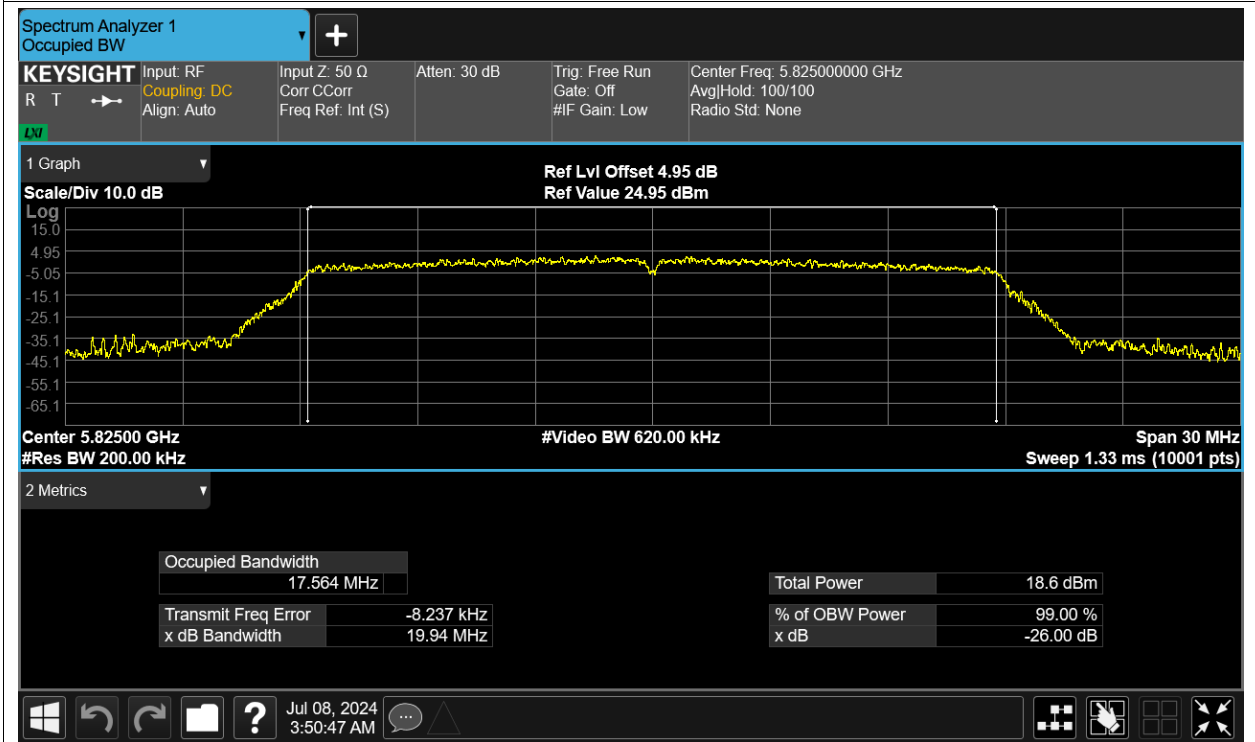


OBW NVNT n20 5785MHz Ant2

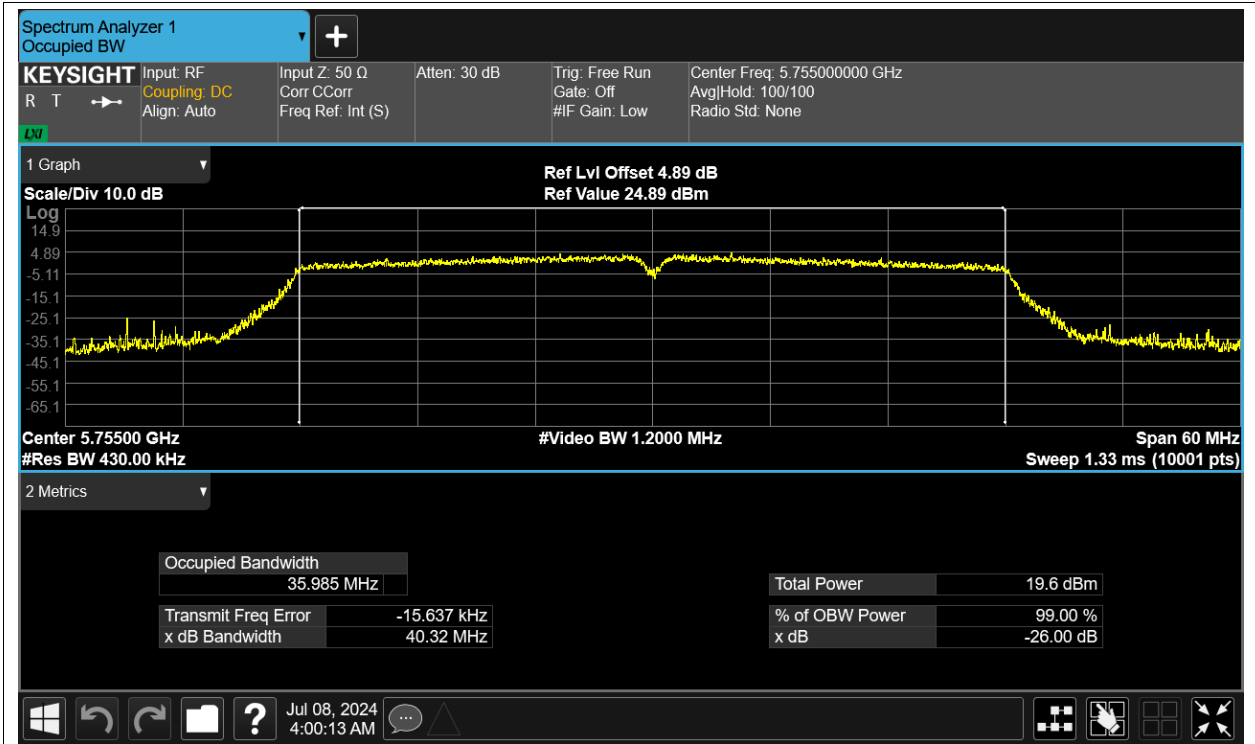




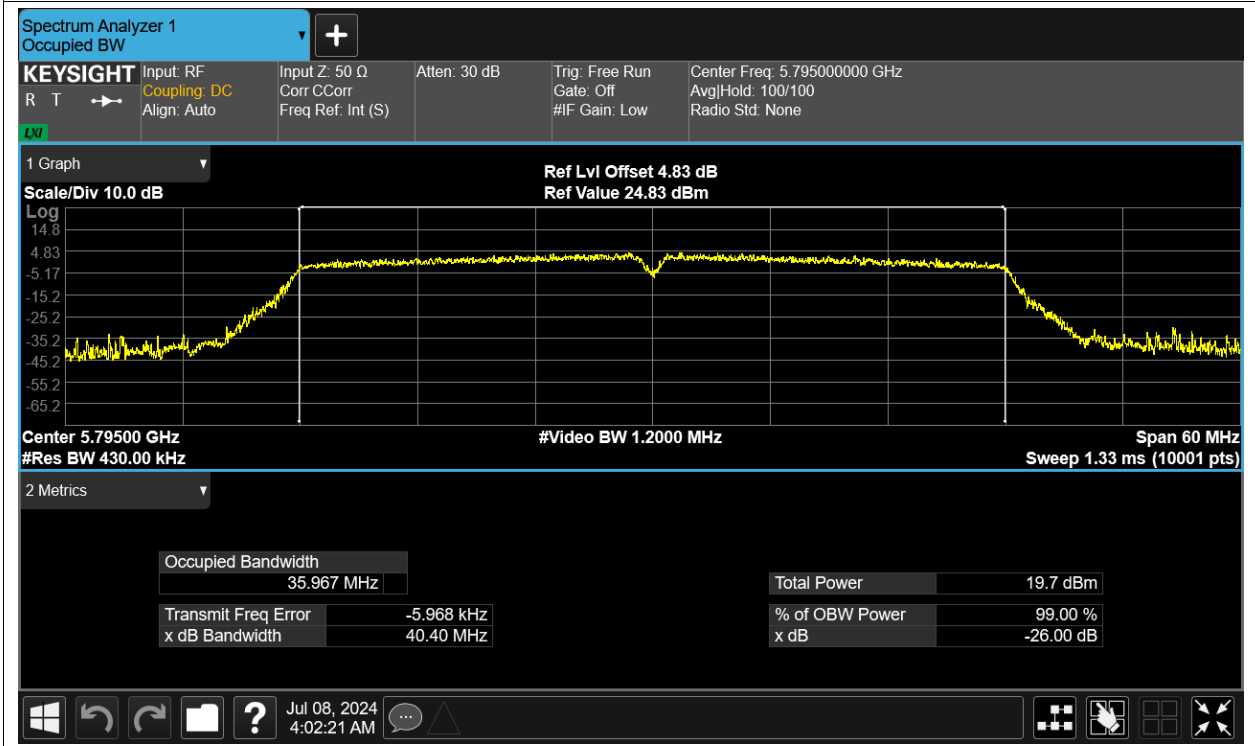
OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant2

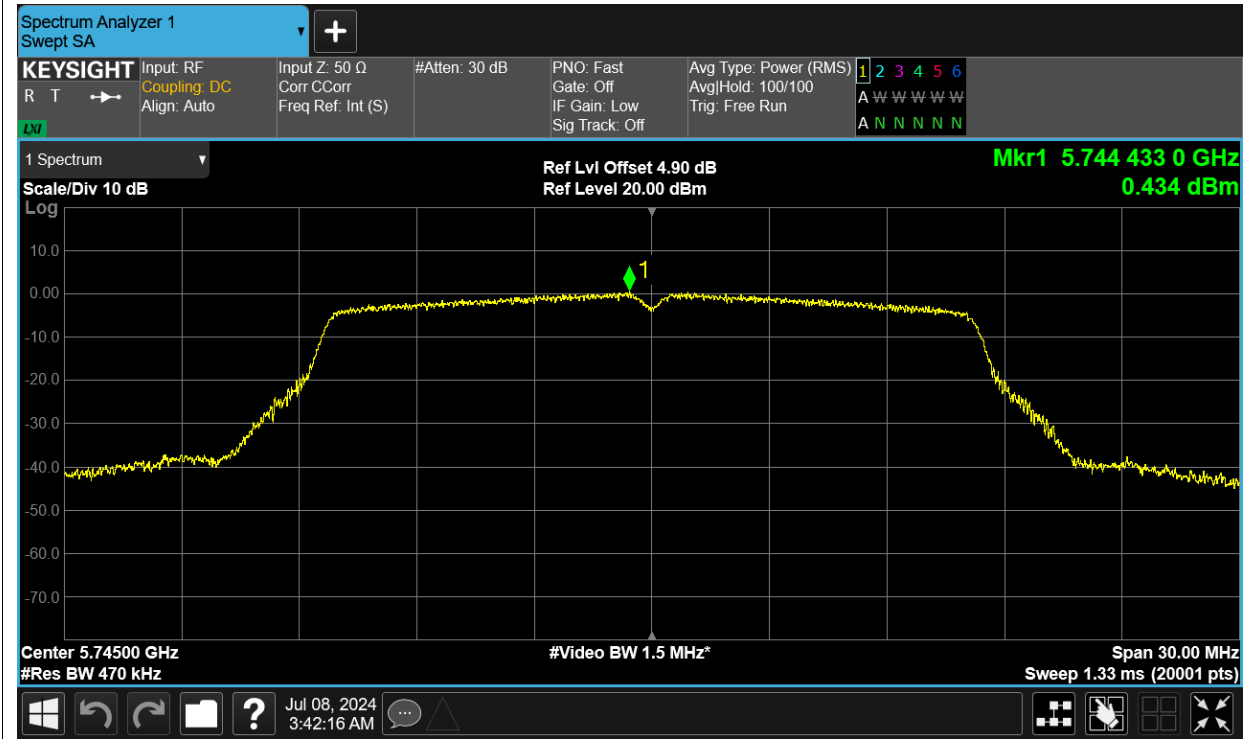


## Maximum Power Spectral Density Level

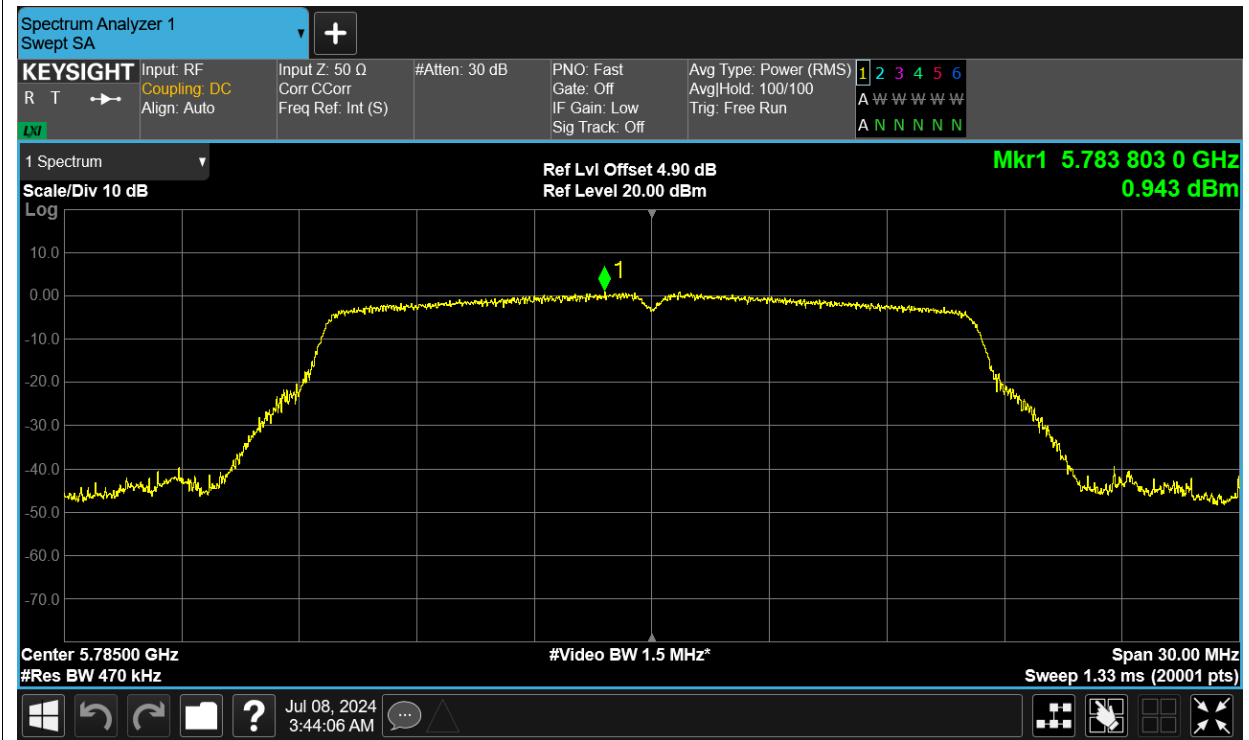
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	0.434	30	Pass
NVNT	a	5785	Ant2	0.943	30	Pass
NVNT	a	5825	Ant2	0.649	30	Pass
NVNT	ac20	5745	Ant2	-2.3	30	Pass
NVNT	ac20	5785	Ant2	-2.223	30	Pass
NVNT	ac20	5825	Ant2	-2.815	30	Pass
NVNT	ac40	5755	Ant2	-4.905	30	Pass
NVNT	ac40	5795	Ant2	-4.729	30	Pass
NVNT	ac80	5775	Ant2	-8.137	30	Pass
NVNT	n20	5745	Ant2	0.427	30	Pass
NVNT	n20	5785	Ant2	0.754	30	Pass
NVNT	n20	5825	Ant2	0.147	30	Pass
NVNT	n40	5755	Ant2	-2.177	30	Pass
NVNT	n40	5795	Ant2	-1.913	30	Pass

Test Graphs

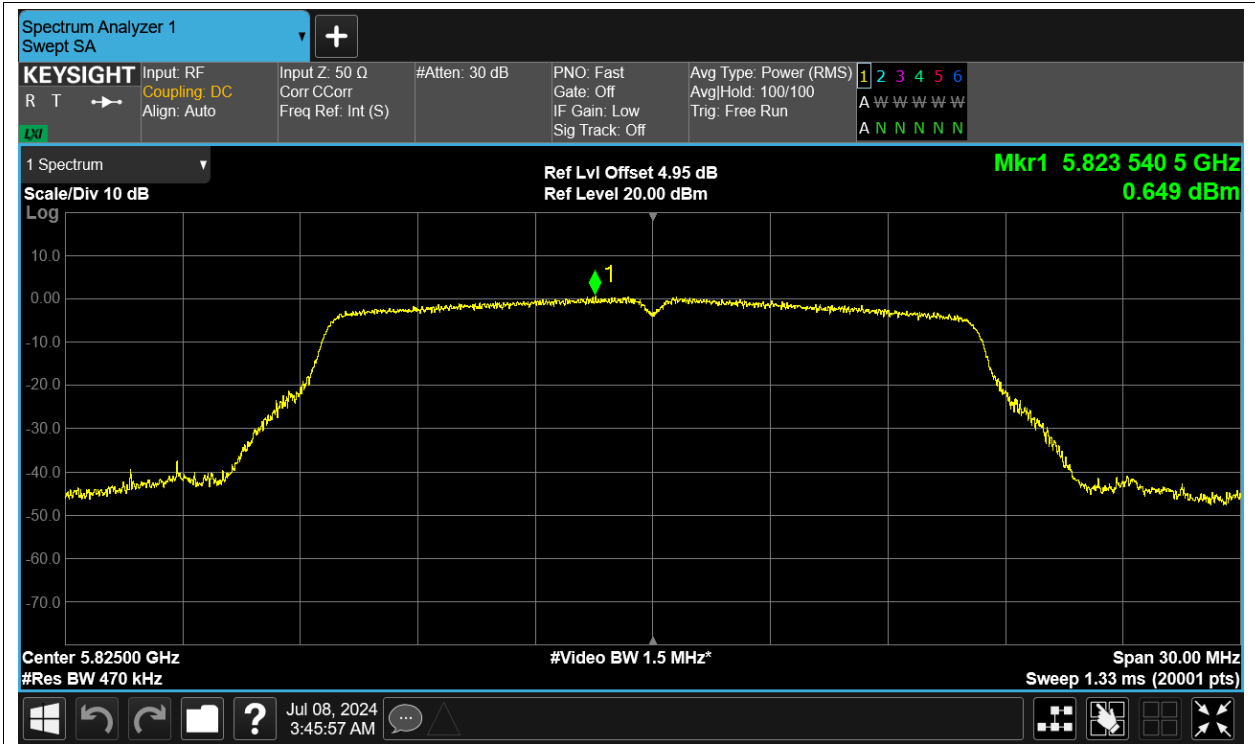
PSD NVNT a 5745MHz Ant2



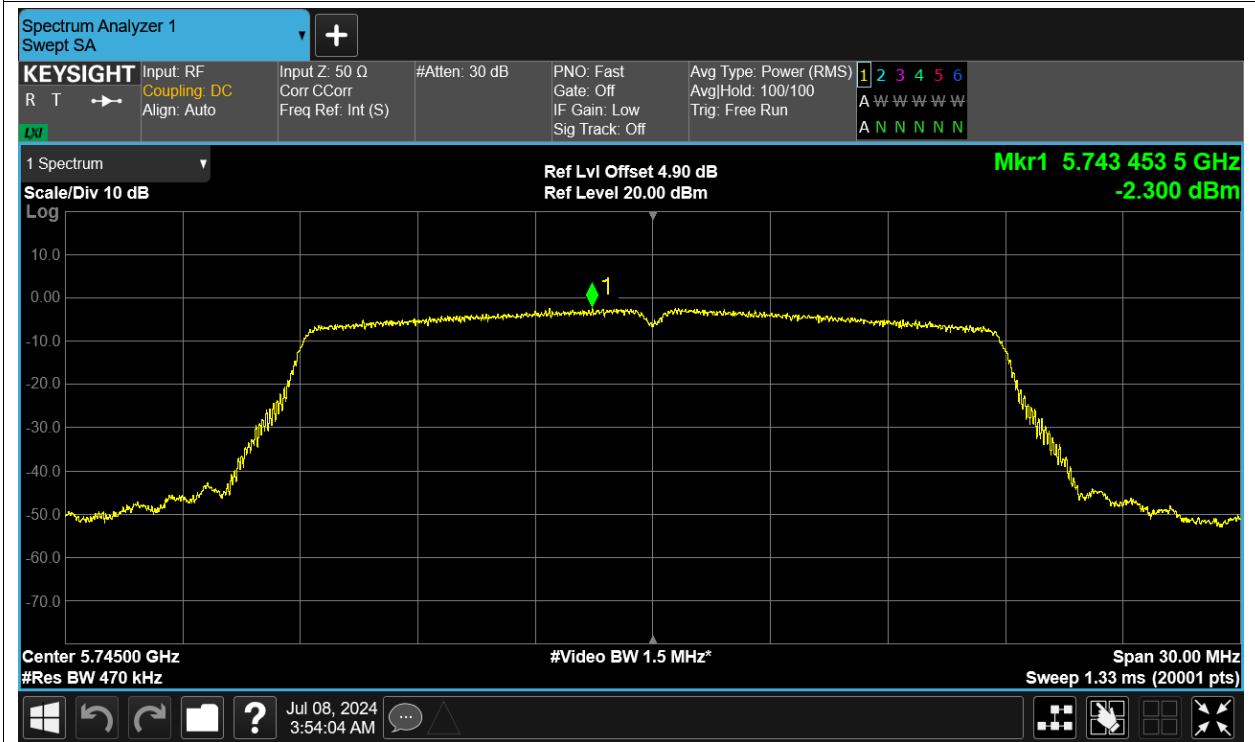
PSD NVNT a 5785MHz Ant2



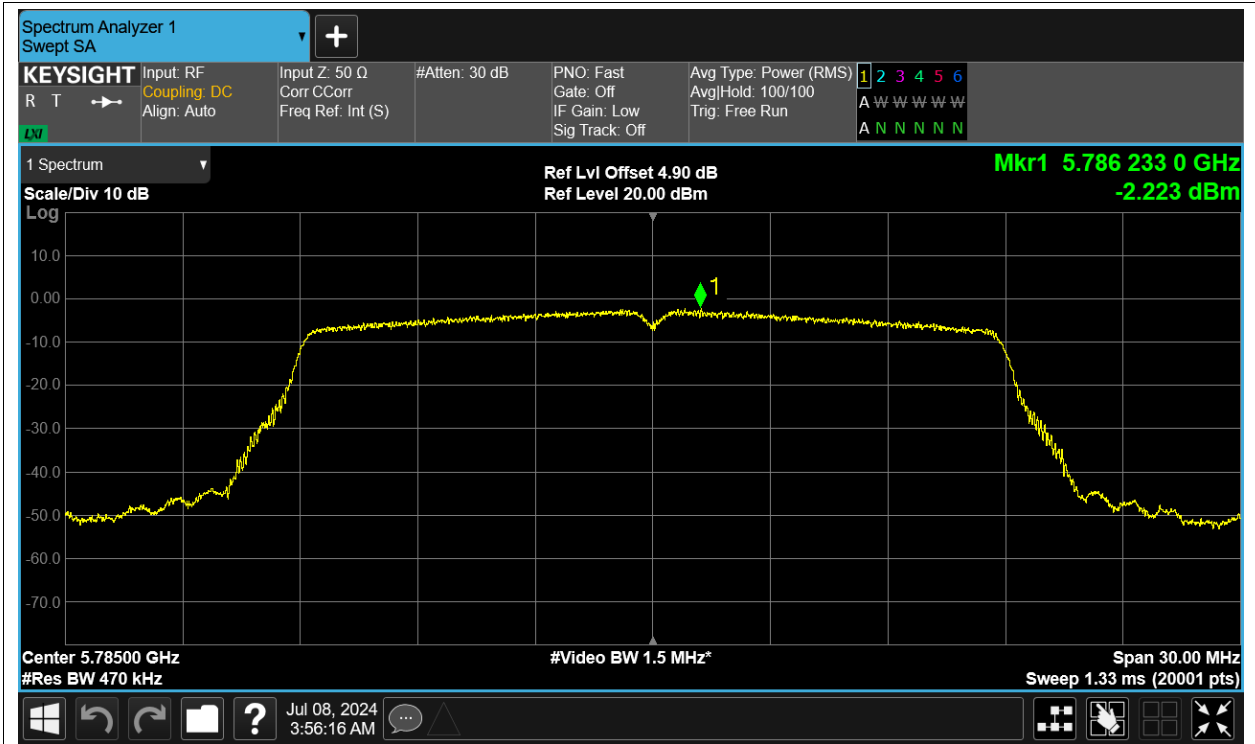
PSD NVNT a 5825MHz Ant2



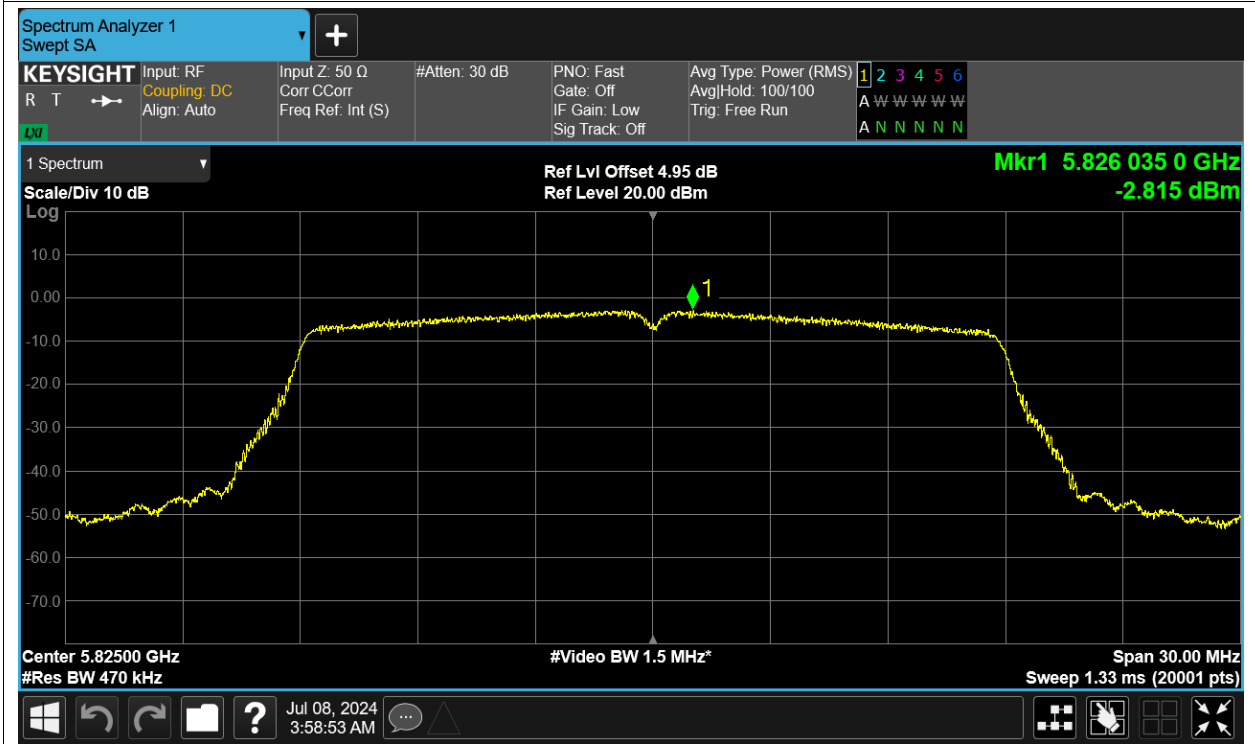
PSD NVNT ac20 5745MHz Ant2



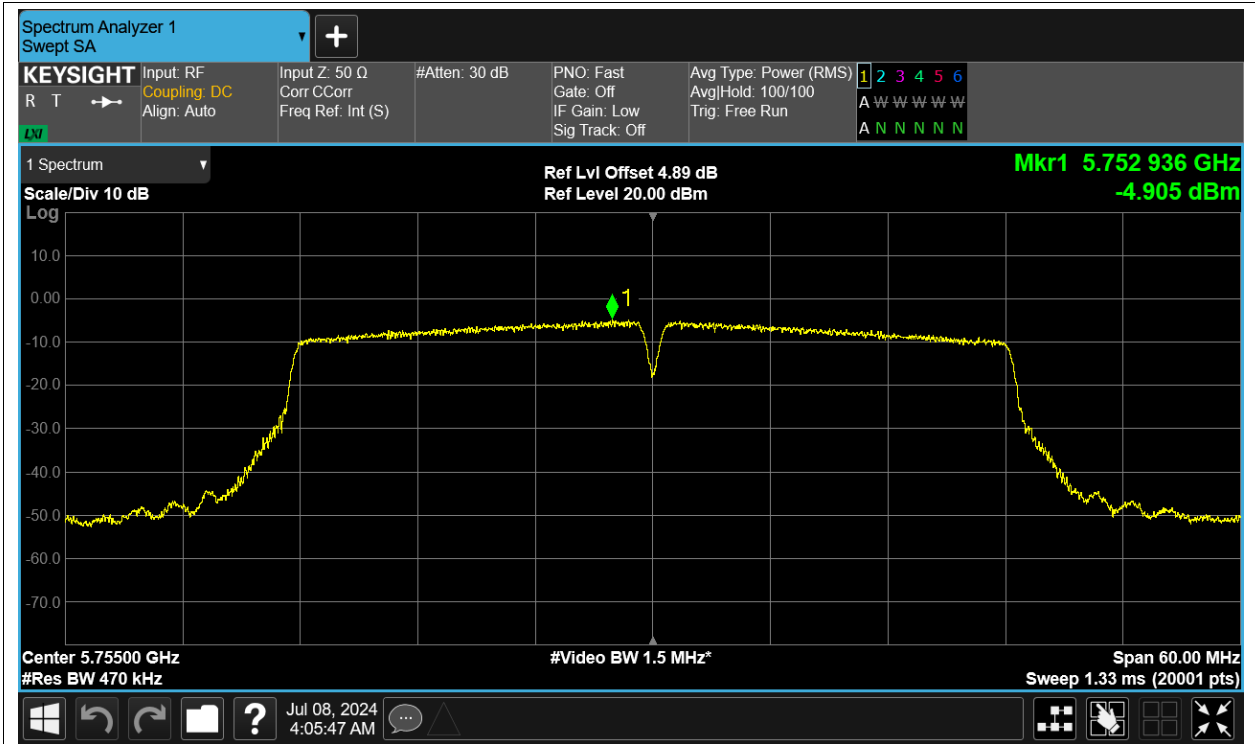
PSD NVNT ac20 5785MHz Ant2



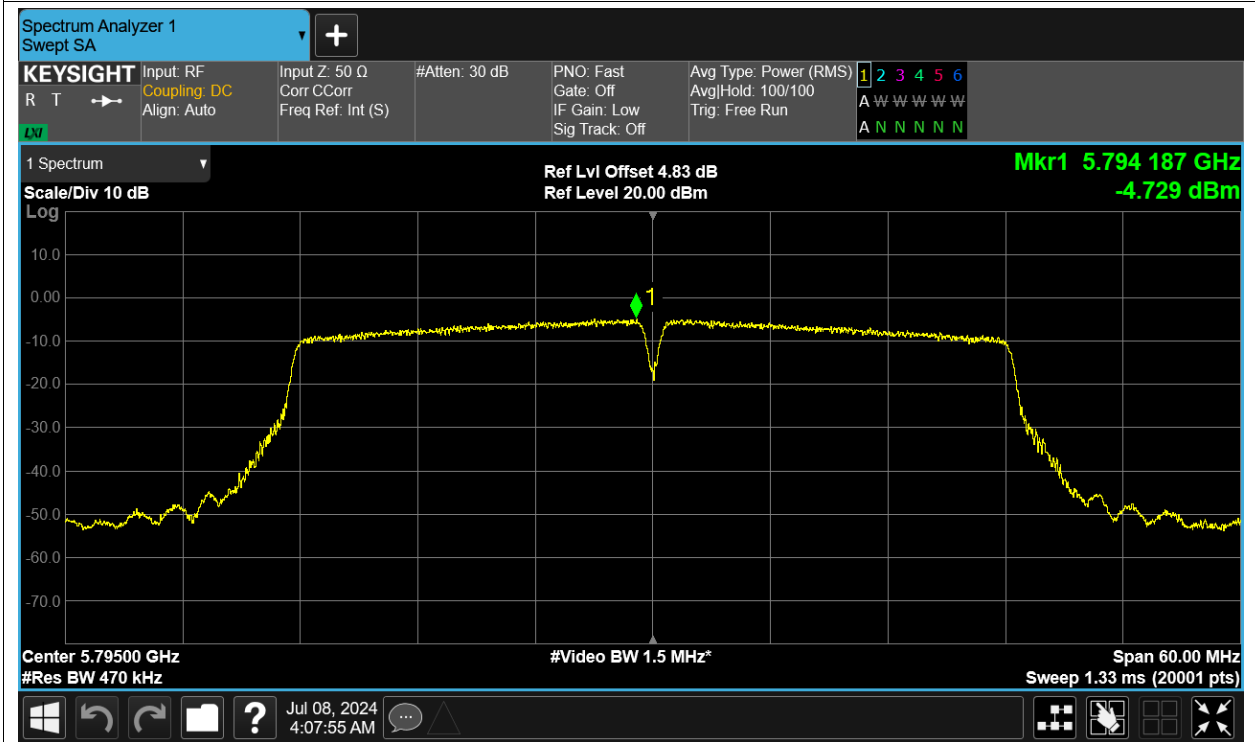
PSD NVNT ac20 5825MHz Ant2



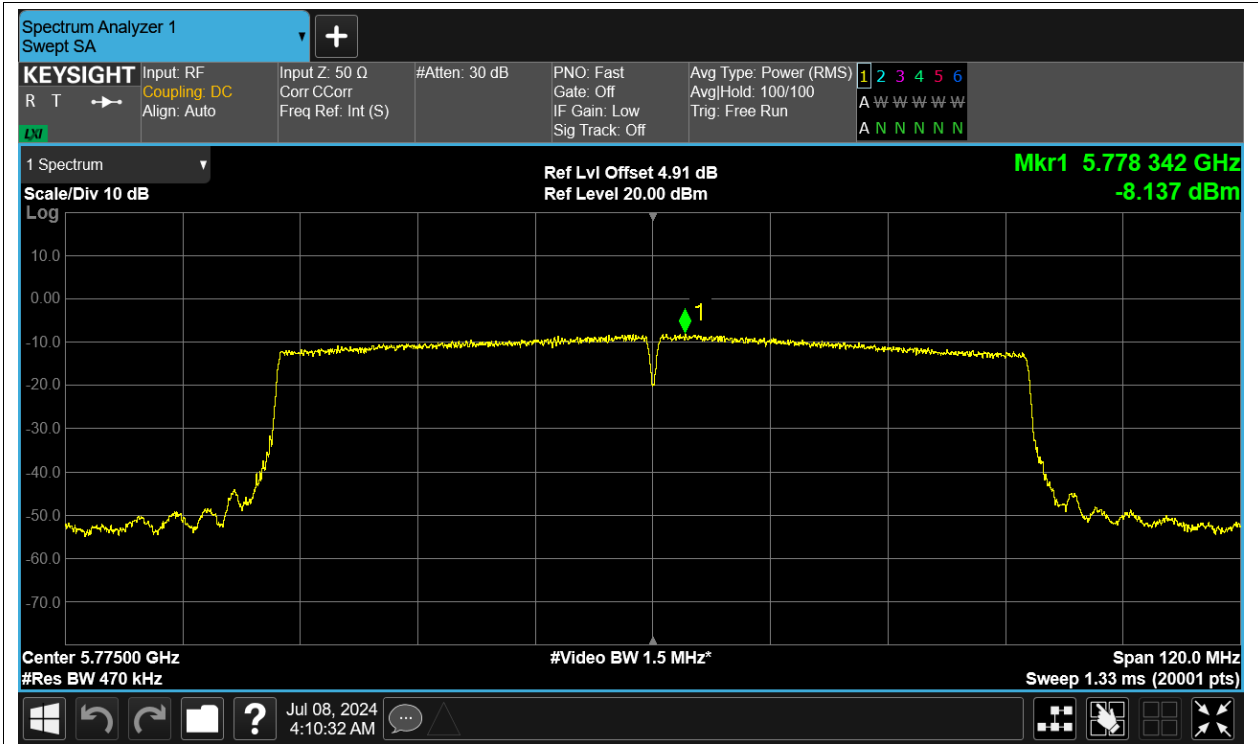
PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5775MHz Ant2

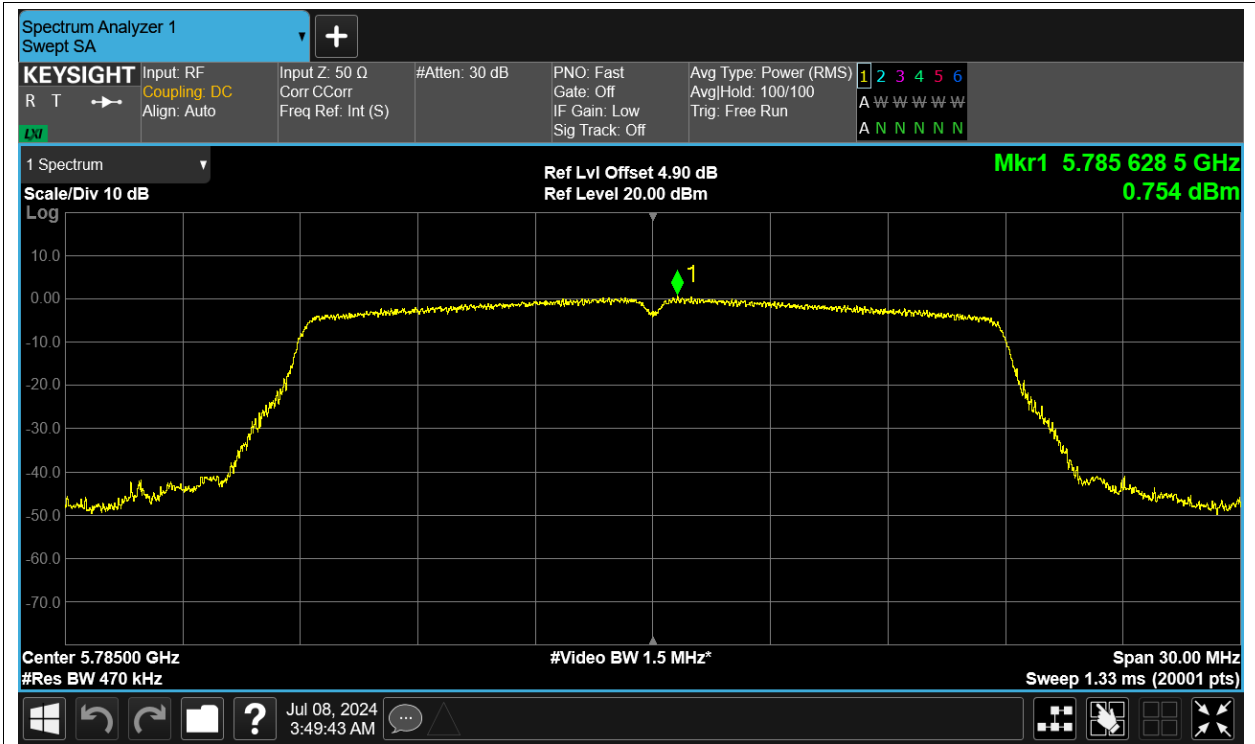


PSD NVNT n20 5745MHz Ant2

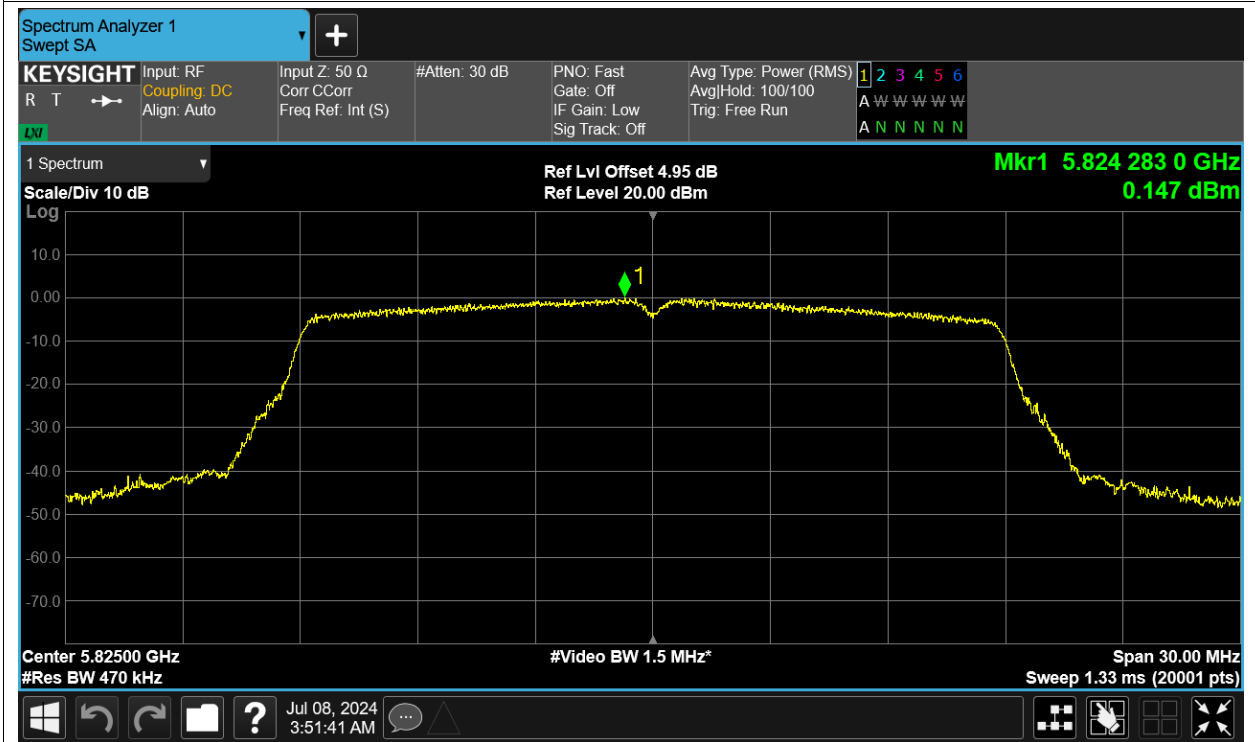


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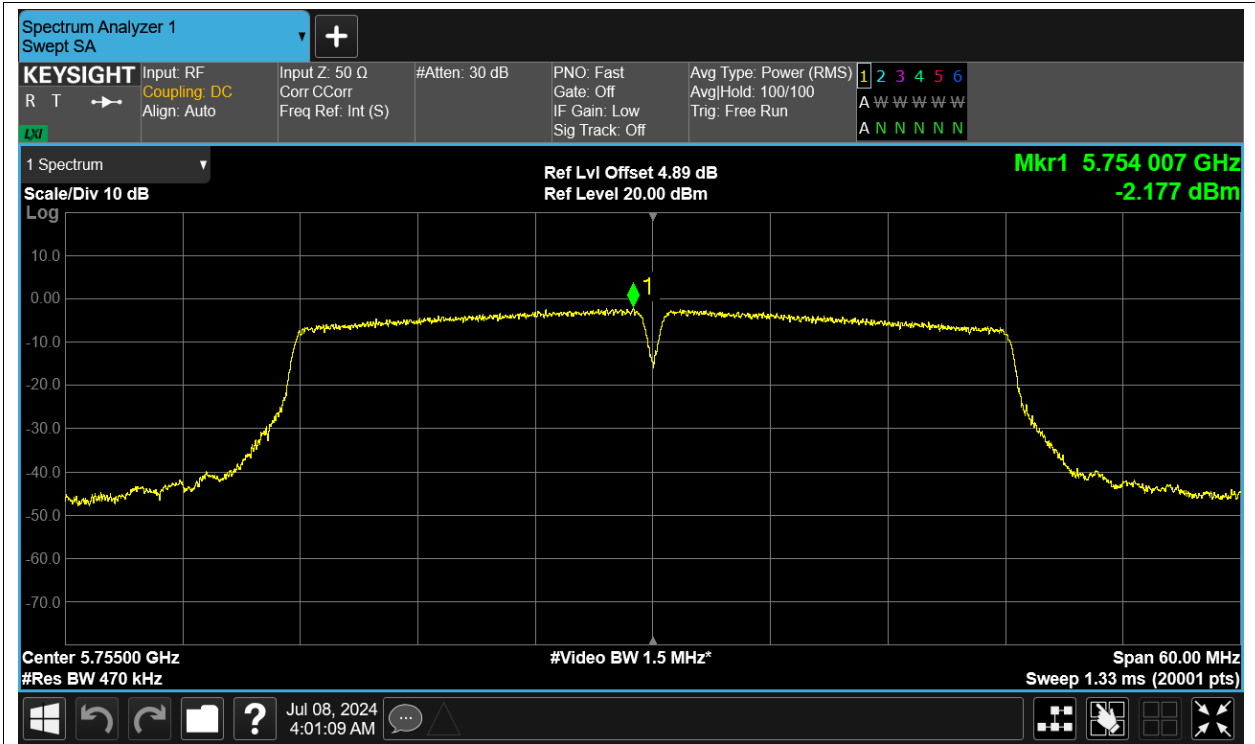




PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

