

Test Data

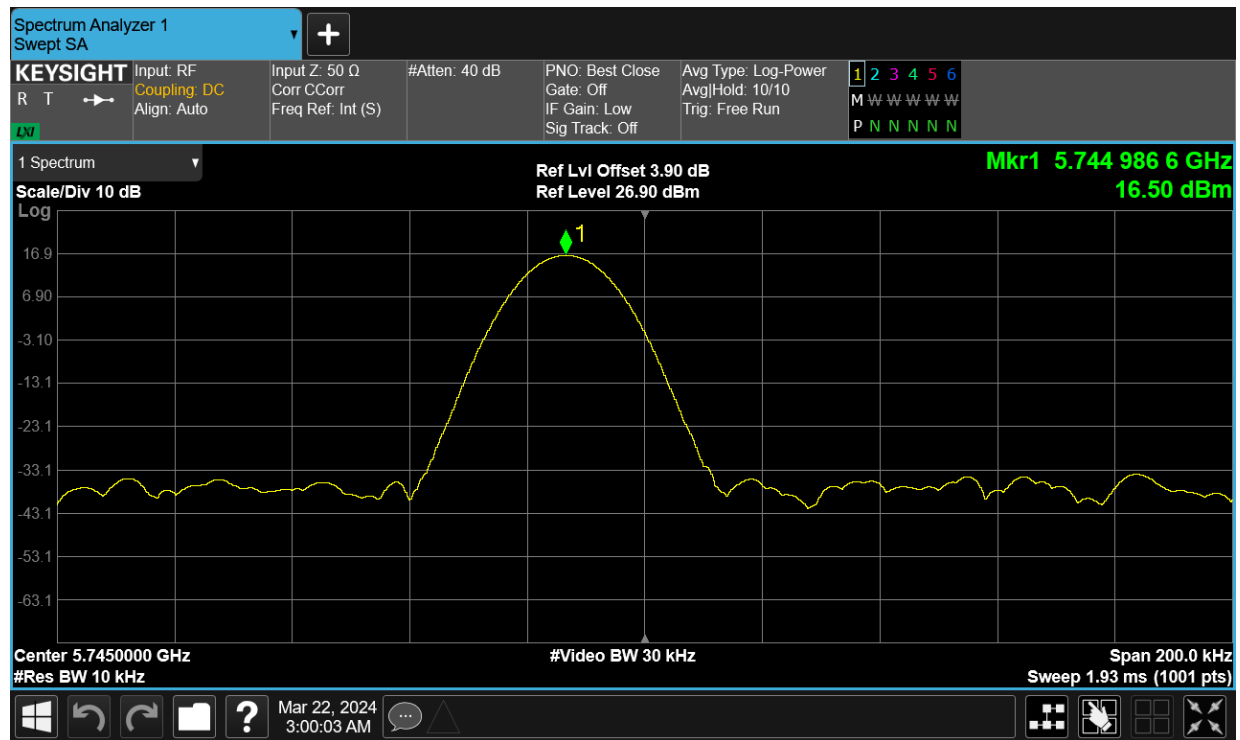
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant4	5744.9866	-2.33	Within authorized band	Pass
LVNT	a	5745	Ant4	5744.9866	-2.33		Pass
NVHT	a	5745	Ant4	5744.9866	-2.33		Pass
NVLT	a	5745	Ant4	5744.9872	-2.23		Pass
NVNT	a	5745	Ant4	5744.9878	-2.12		Pass
HVNT	ac80	5775	Ant4	5774.9856	-2.49		Pass
LVNT	ac80	5775	Ant4	5774.9854	-2.53		Pass
NVHT	ac80	5775	Ant4	5774.9854	-2.53		Pass
NVLT	ac80	5775	Ant4	5774.9854	-2.53		Pass
NVNT	ac80	5775	Ant4	5774.9858	-2.46		Pass
HVNT	n40	5755	Ant4	5754.9846	-2.68		Pass
LVNT	n40	5755	Ant4	5754.9852	-2.57		Pass
NVHT	n40	5755	Ant4	5754.9852	-2.57		Pass
NVLT	n40	5755	Ant4	5754.9852	-2.57		Pass
NVNT	n40	5755	Ant4	5754.9852	-2.57		Pass

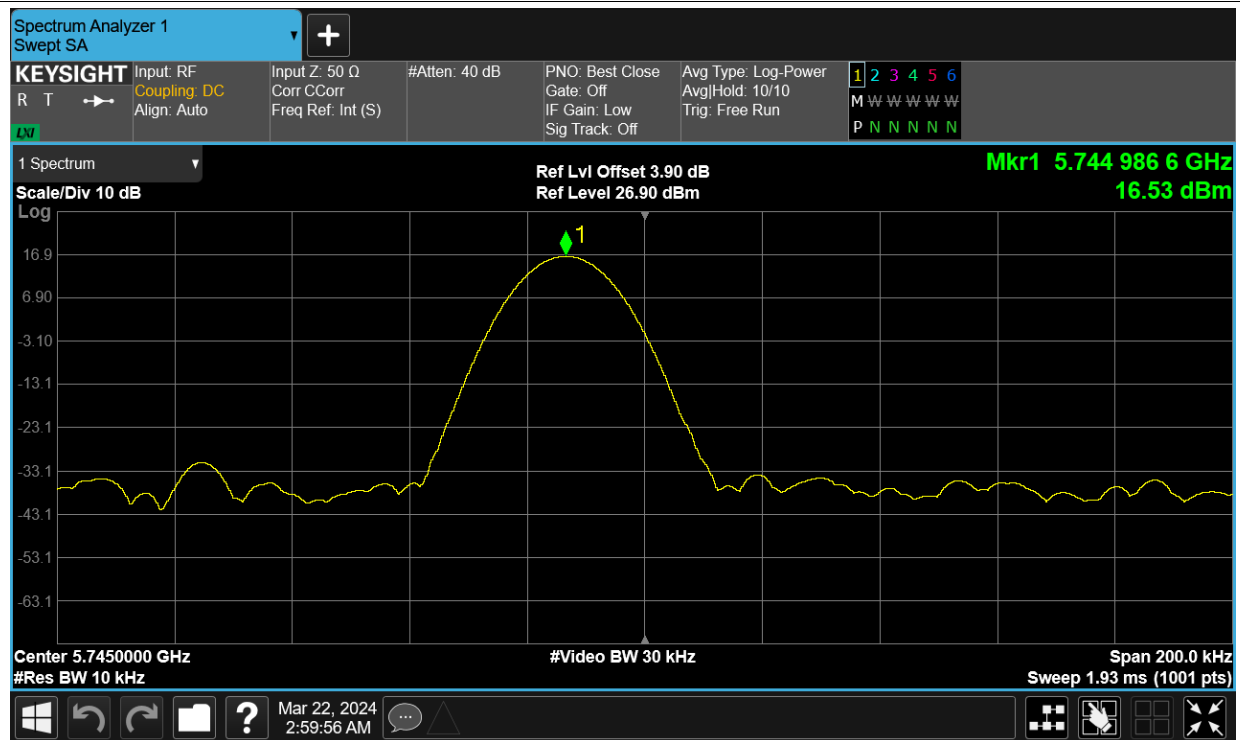
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

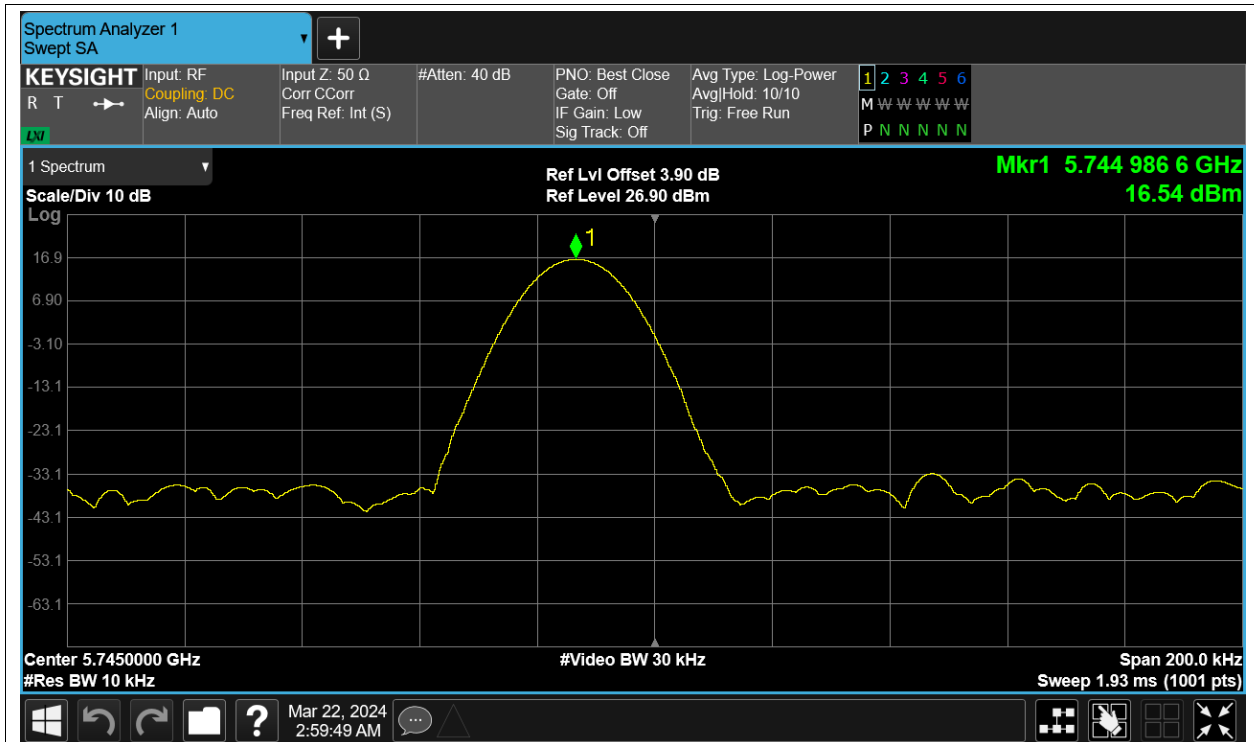
Freq. Stability HVNT a 5745MHz Ant4



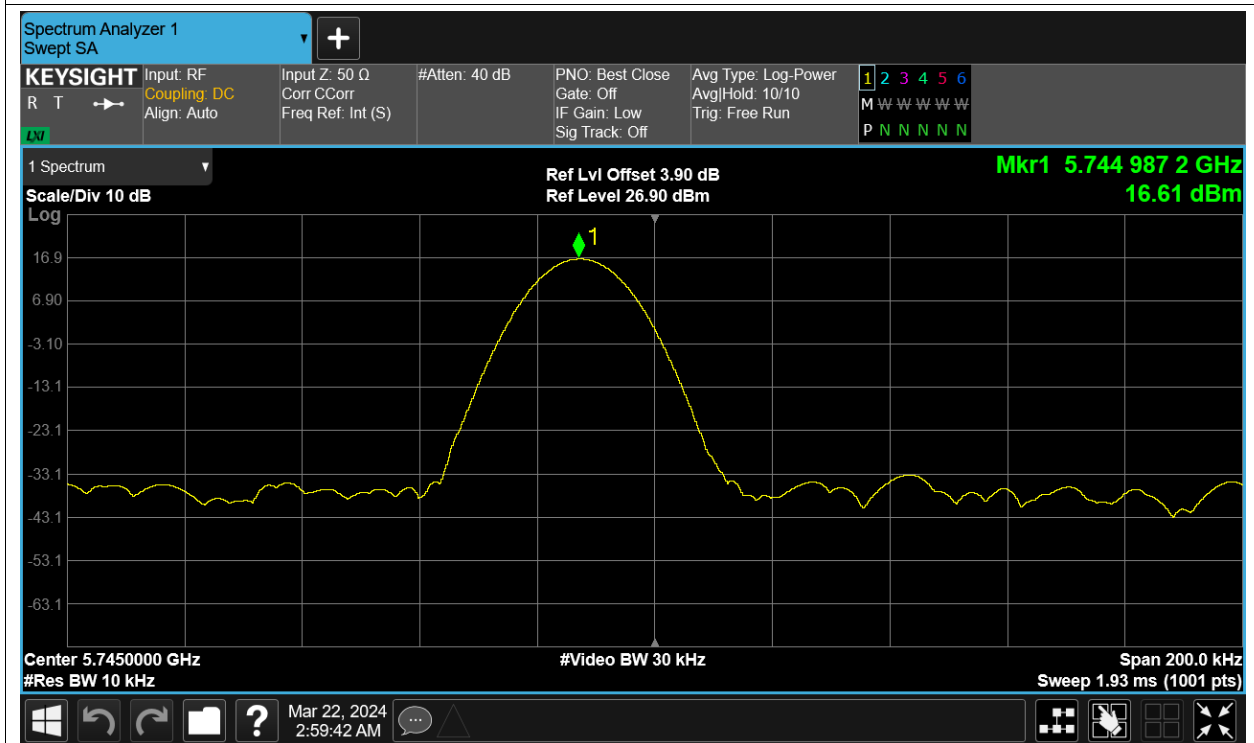
Freq. Stability LVNT a 5745MHz Ant4



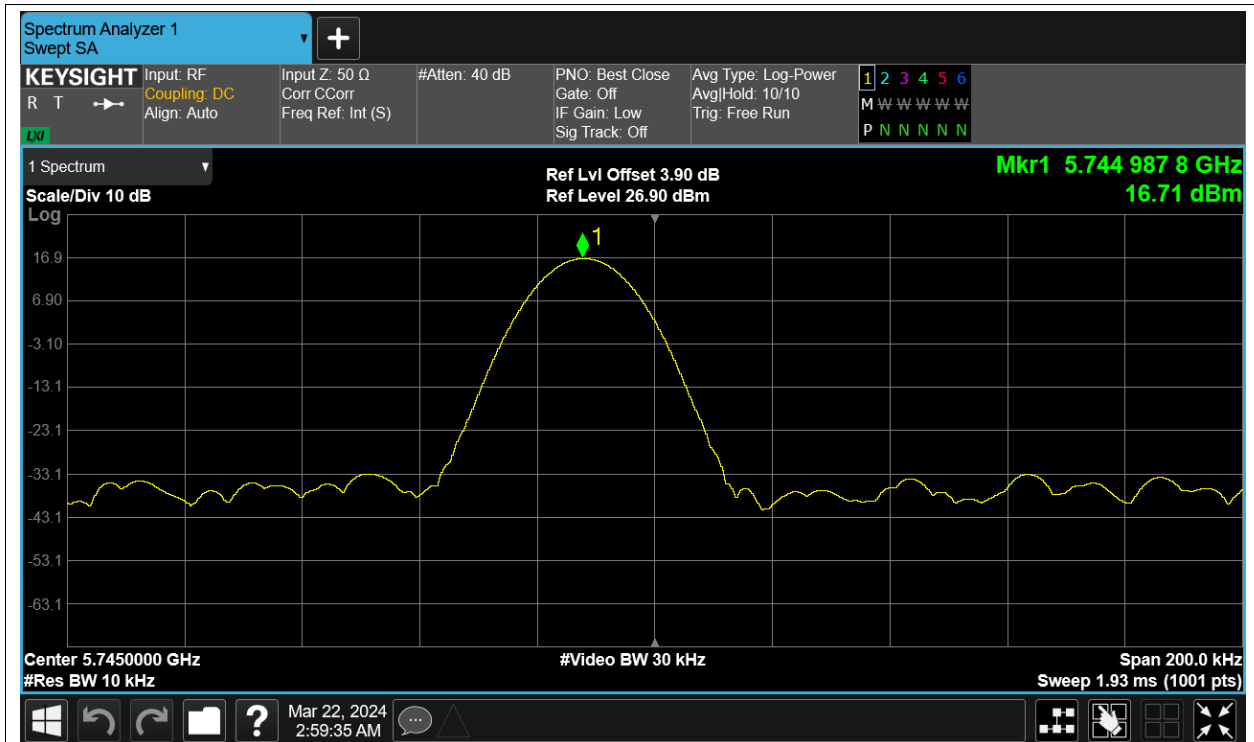
Freq. Stability NVHT a 5745MHz Ant4



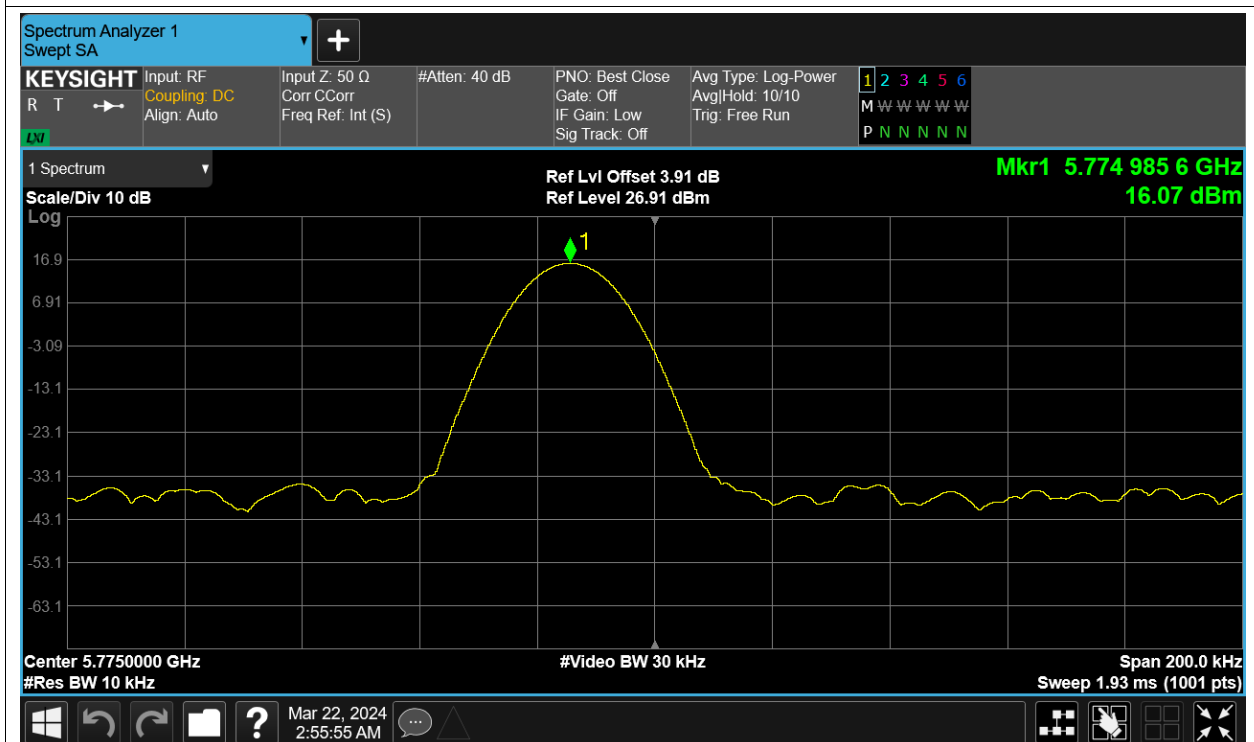
Freq. Stability NVLT a 5745MHz Ant4



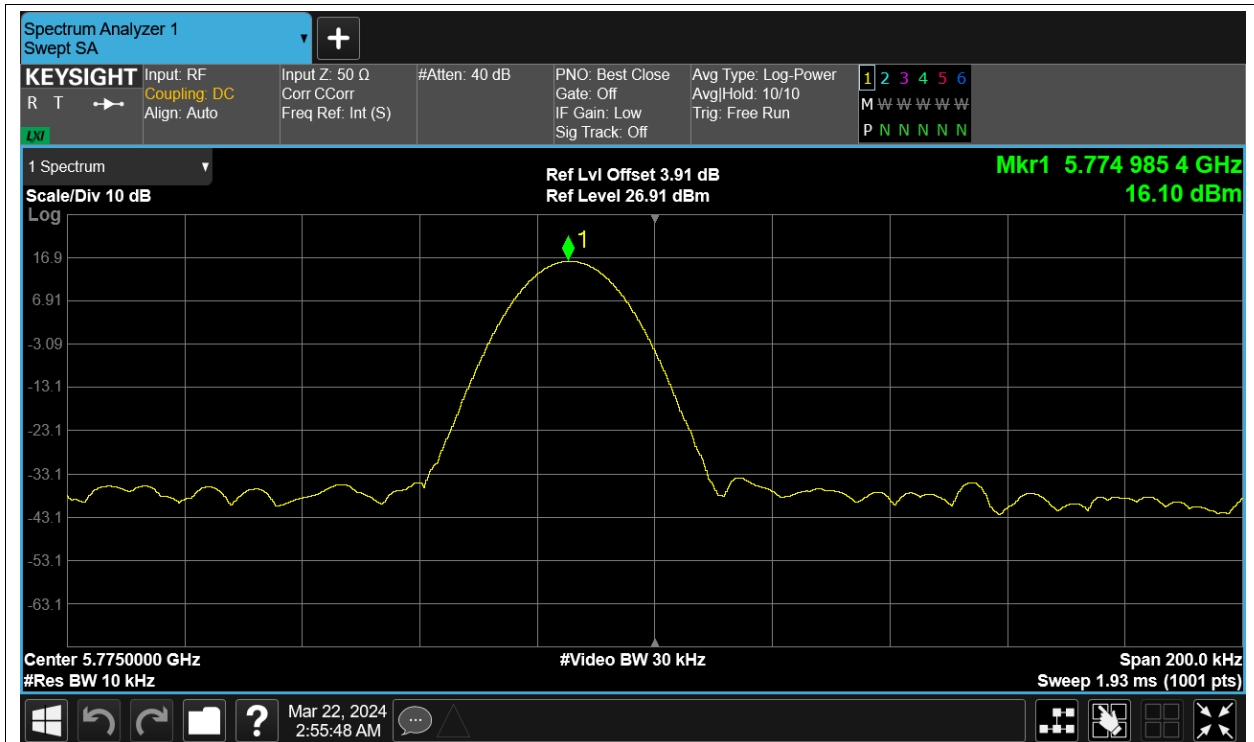
Freq. Stability NVNT a 5745MHz Ant4



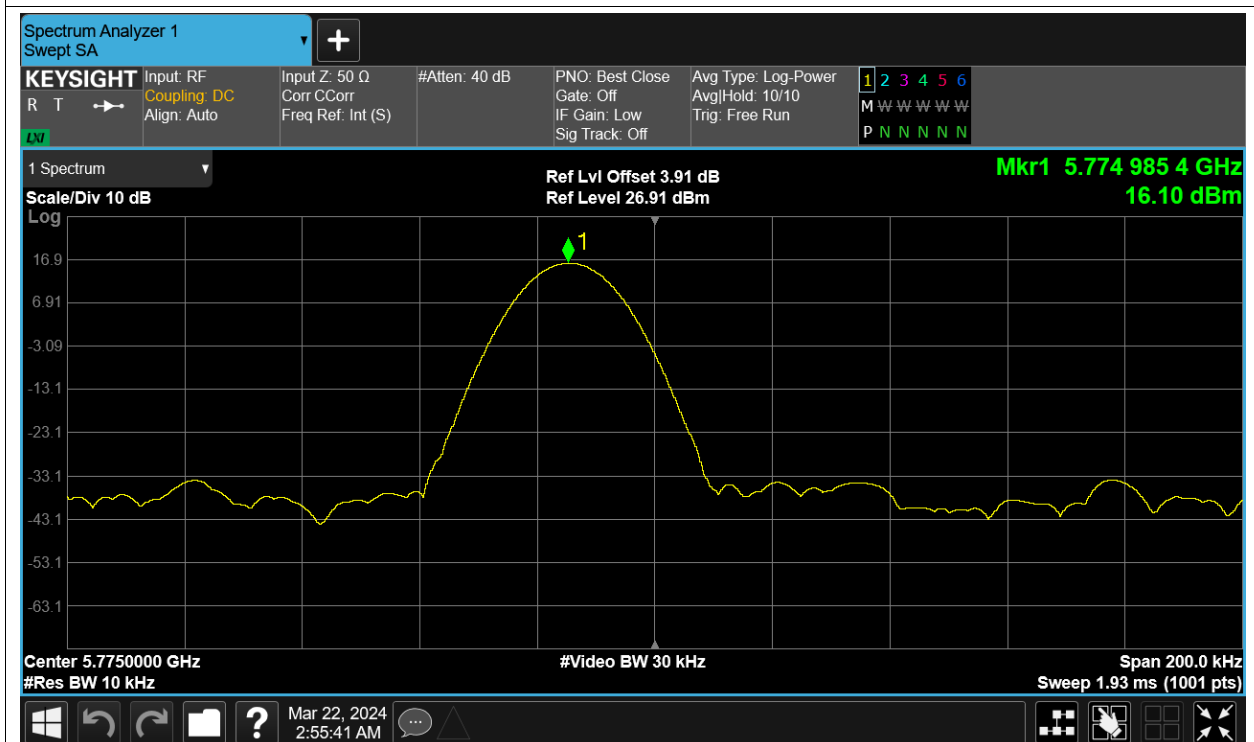
Freq. Stability HVNT ac80 5775MHz Ant4



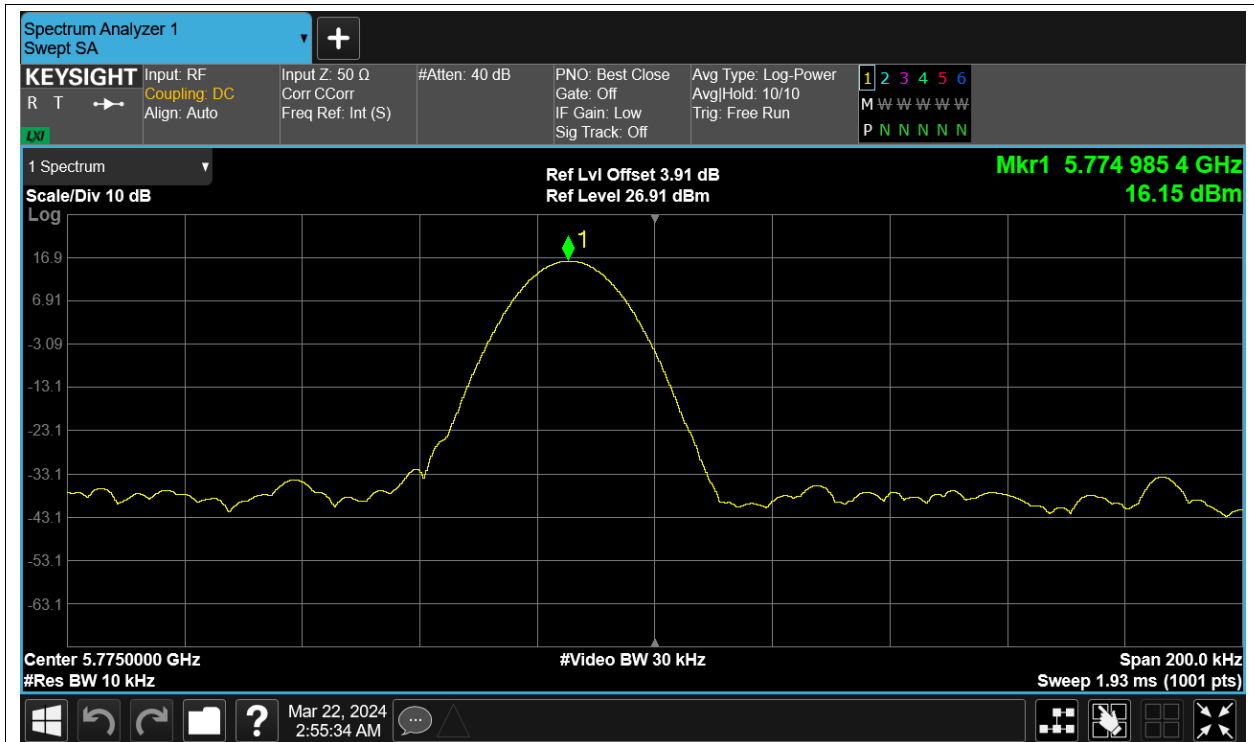
Freq. Stability LVNT ac80 5775MHz Ant4



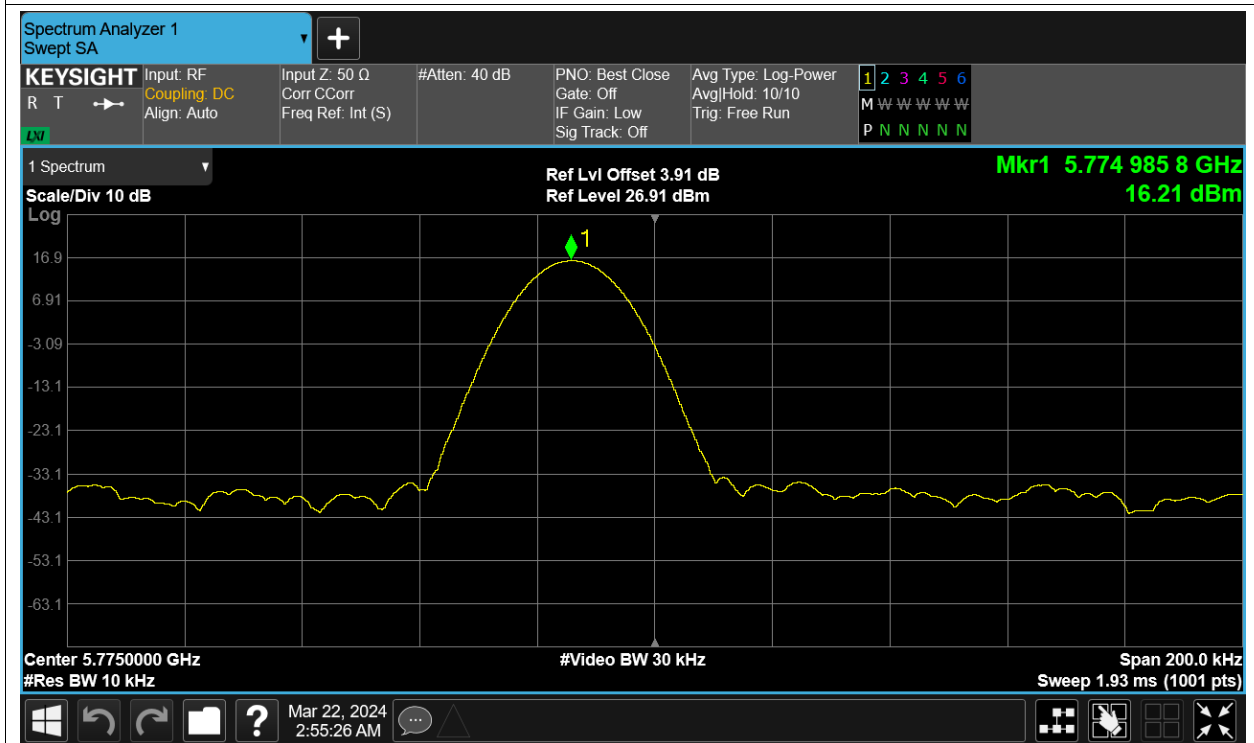
Freq. Stability NVHT ac80 5775MHz Ant4



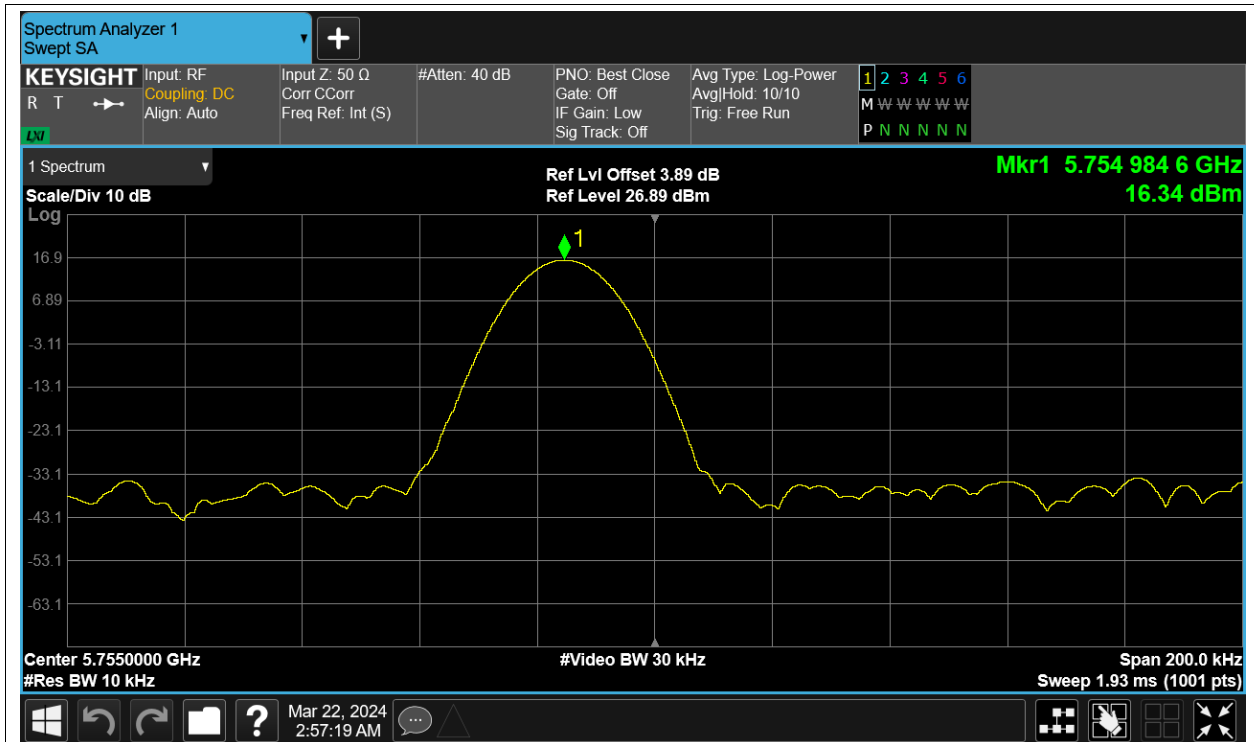
Freq. Stability NVLT ac80 5775MHz Ant4



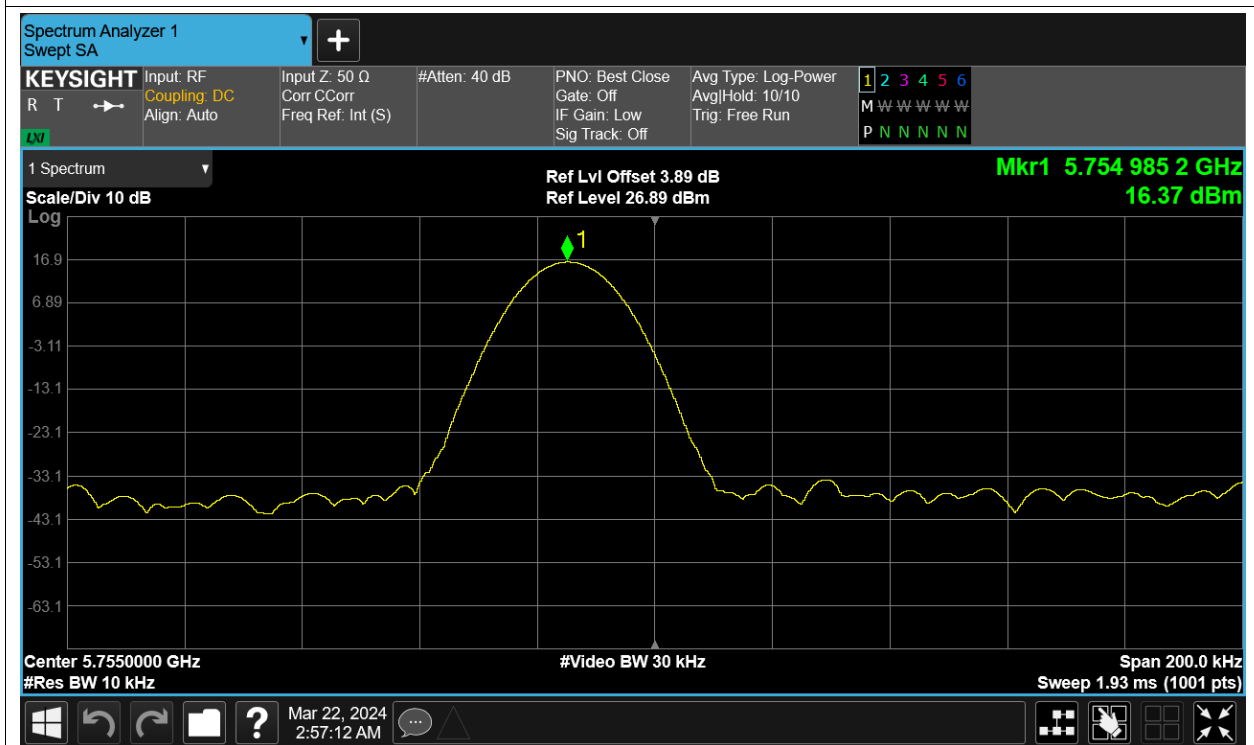
Freq. Stability NVNT ac80 5775MHz Ant4



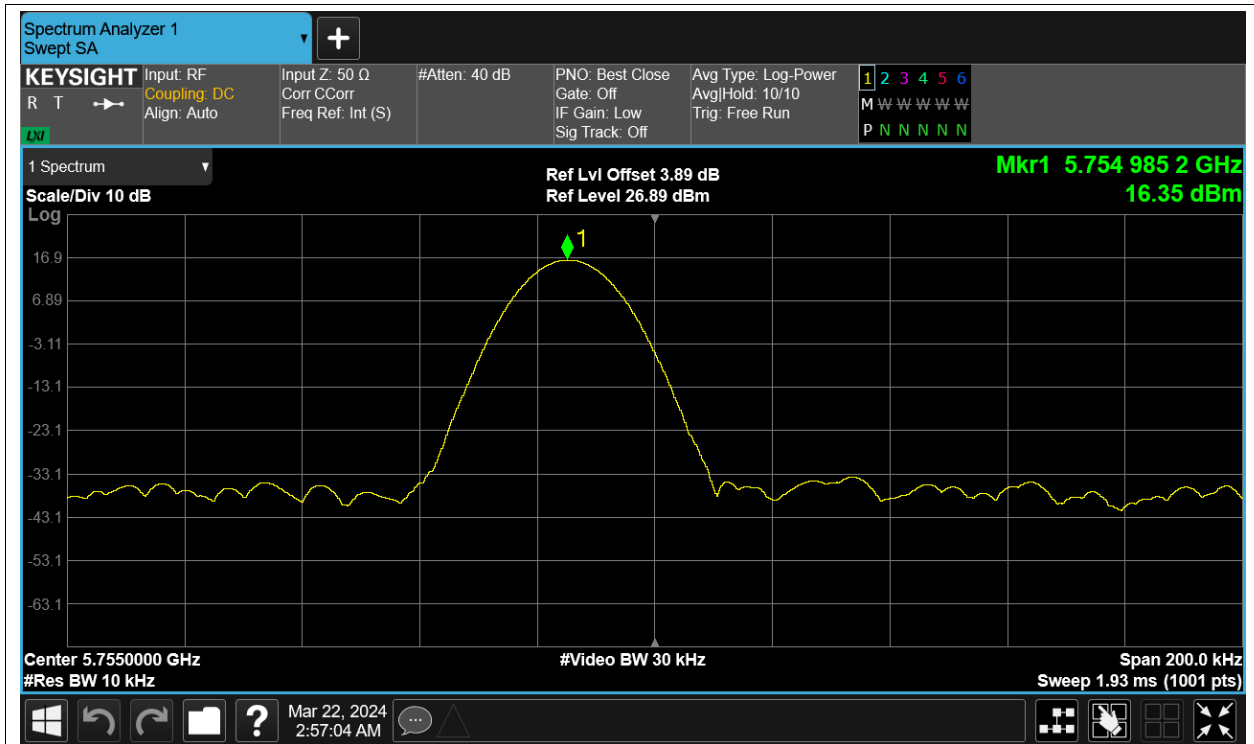
Freq. Stability HVNT n40 5755MHz Ant4



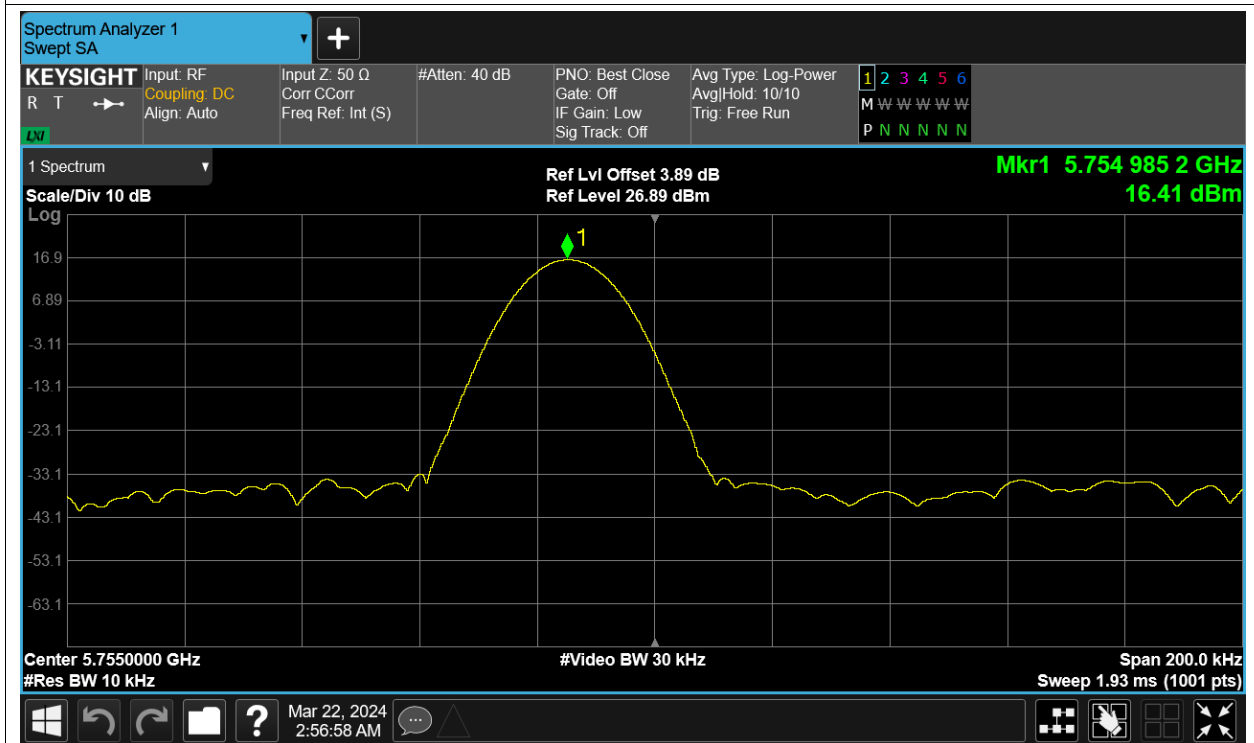
Freq. Stability LVNT n40 5755MHz Ant4



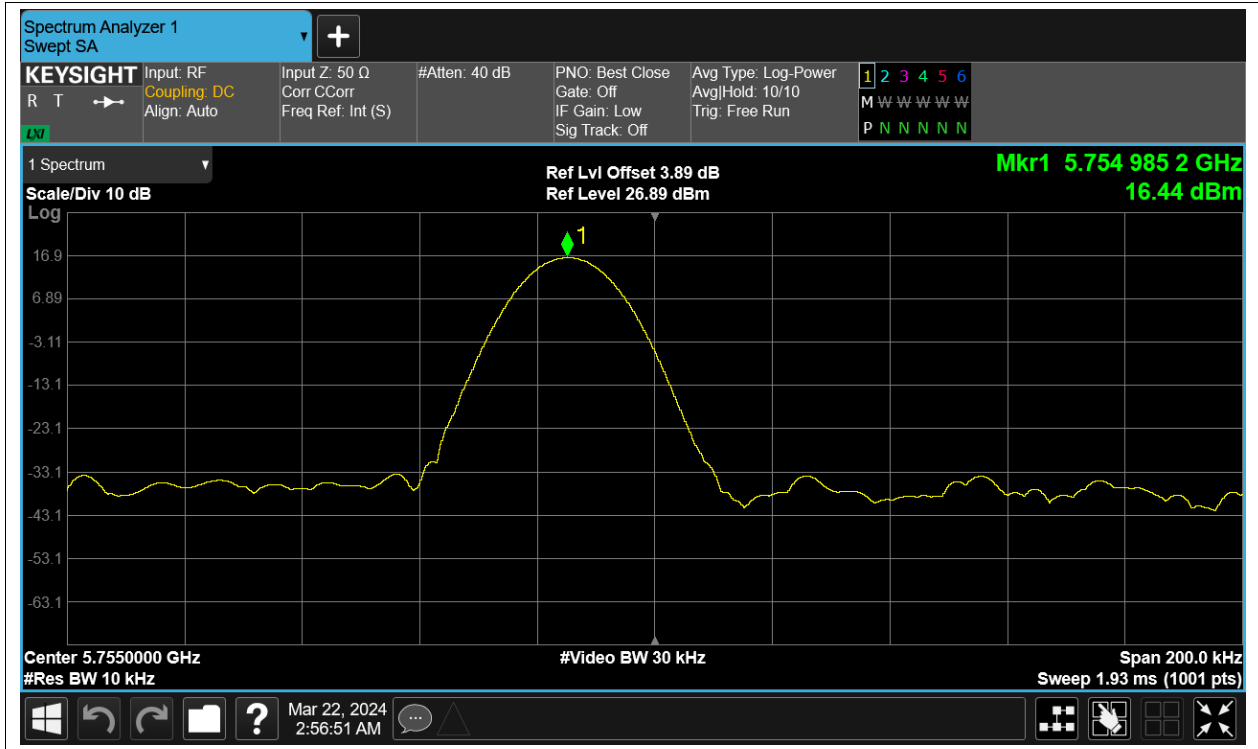
Freq. Stability NVHT n40 5755MHz Ant4



Freq. Stability NVLT n40 5755MHz Ant4



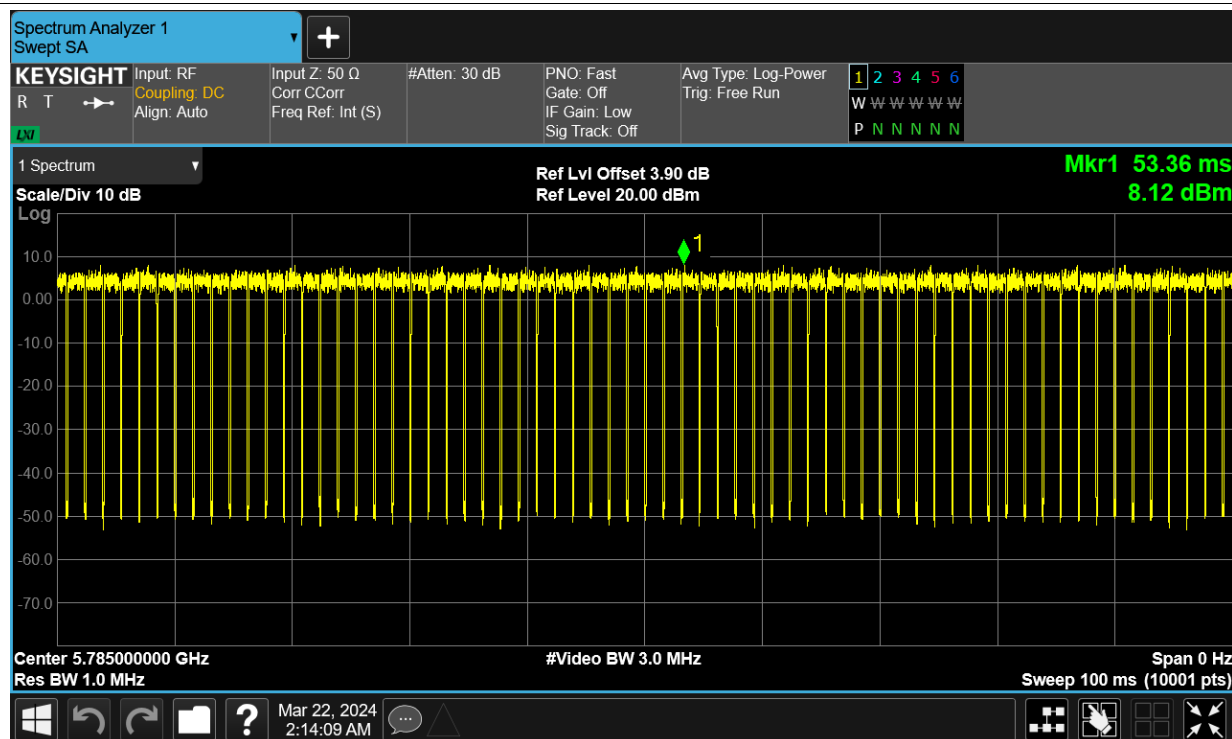
Freq. Stability NVNT n40 5755MHz Ant4



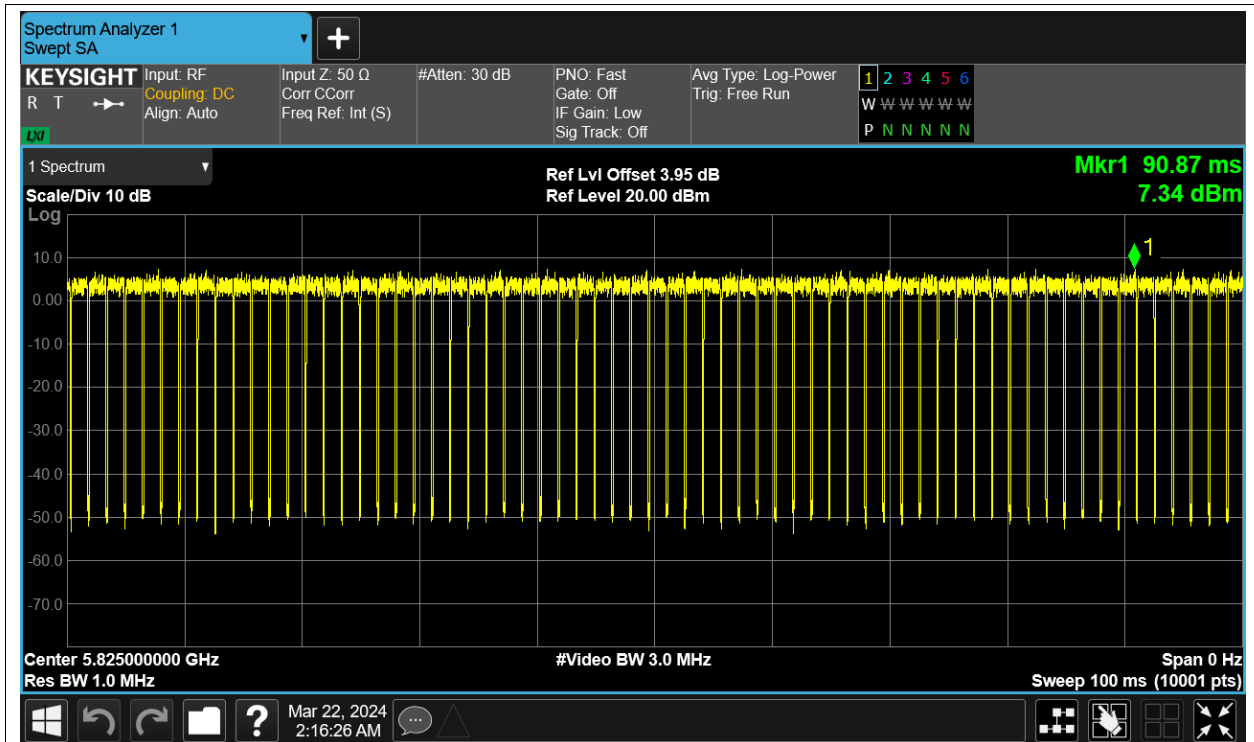
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant4	91.26	0.4
NVNT	a	5785	Ant4	91.27	0.4
NVNT	a	5825	Ant4	91.27	0.4
NVNT	ac20	5745	Ant4	89.72	0.47
NVNT	ac20	5785	Ant4	89.72	0.47
NVNT	ac20	5825	Ant4	89.71	0.47
NVNT	ac40	5755	Ant4	81.45	0.89
NVNT	ac40	5795	Ant4	81.47	0.89
NVNT	ac80	5775	Ant4	69.88	1.56
NVNT	n20	5745	Ant4	89.75	0.47
NVNT	n20	5785	Ant4	89.8	0.47
NVNT	n20	5825	Ant4	89.84	0.47
NVNT	n40	5755	Ant4	81.77	0.87
NVNT	n40	5795	Ant4	81.59	0.88

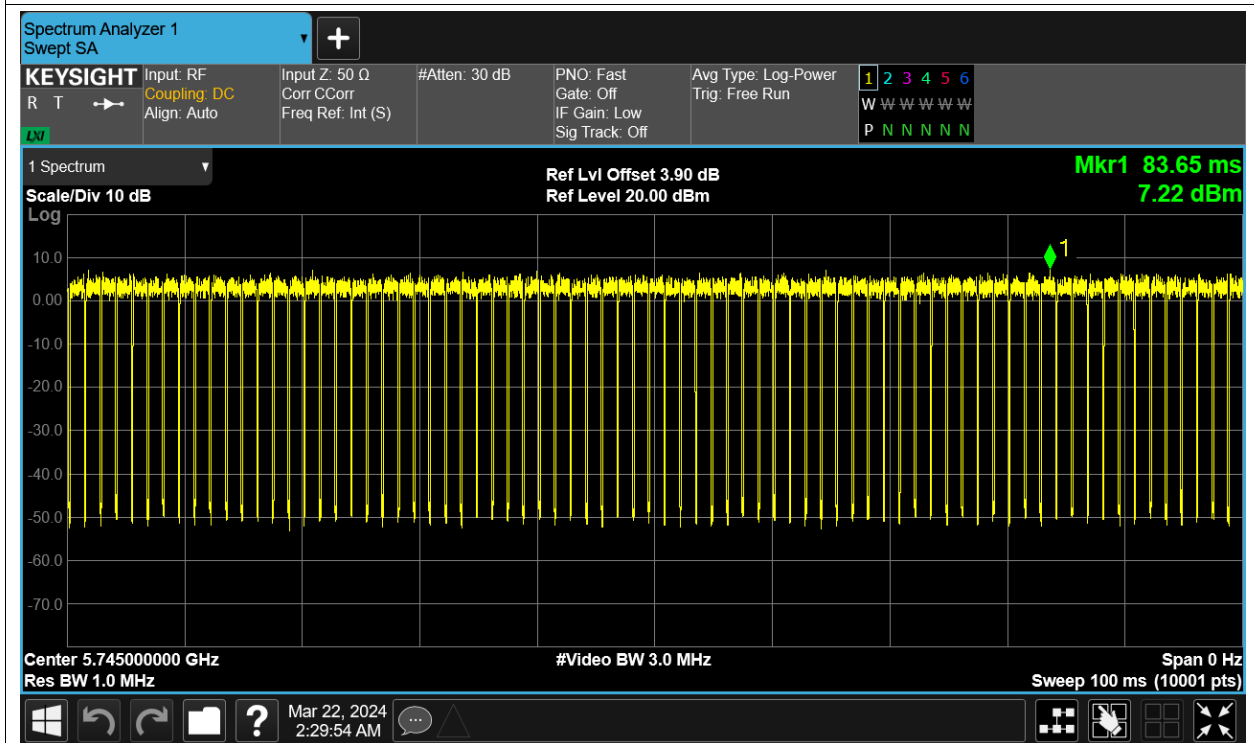
Duty Cycle NVNT a 5745MHz Ant4



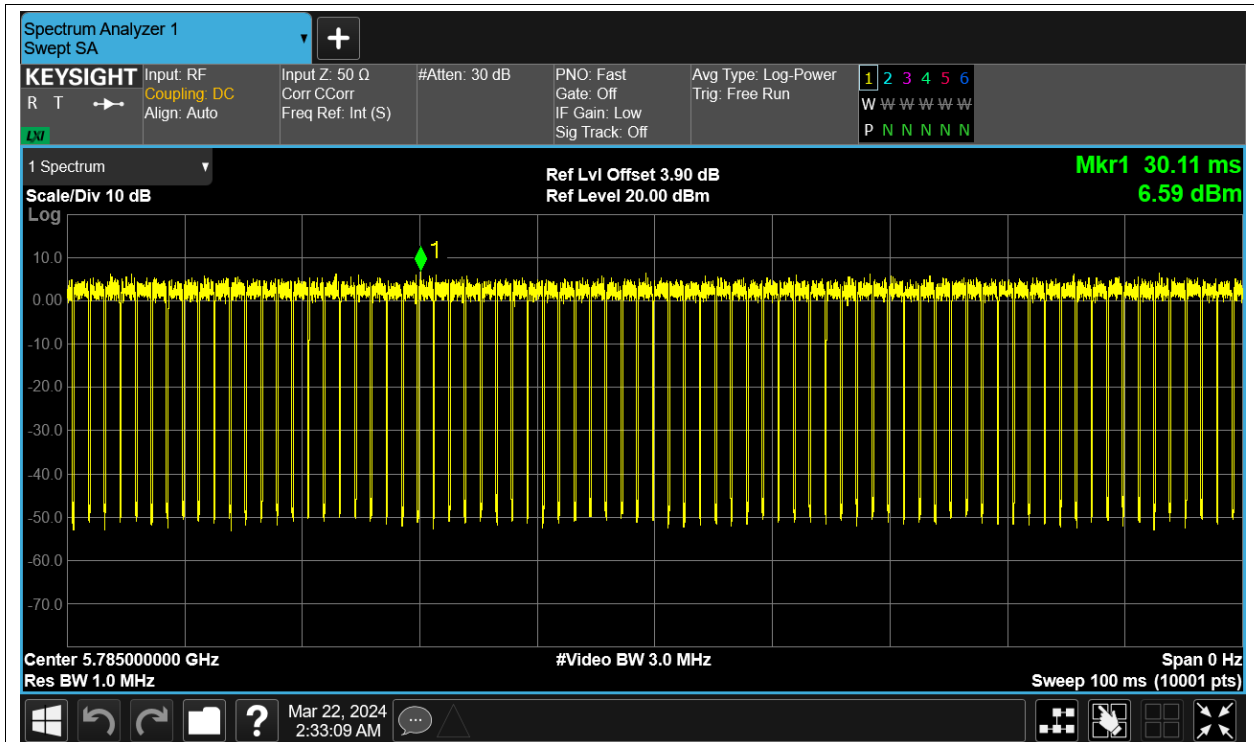
Duty Cycle NVNT a 5825MHz Ant4



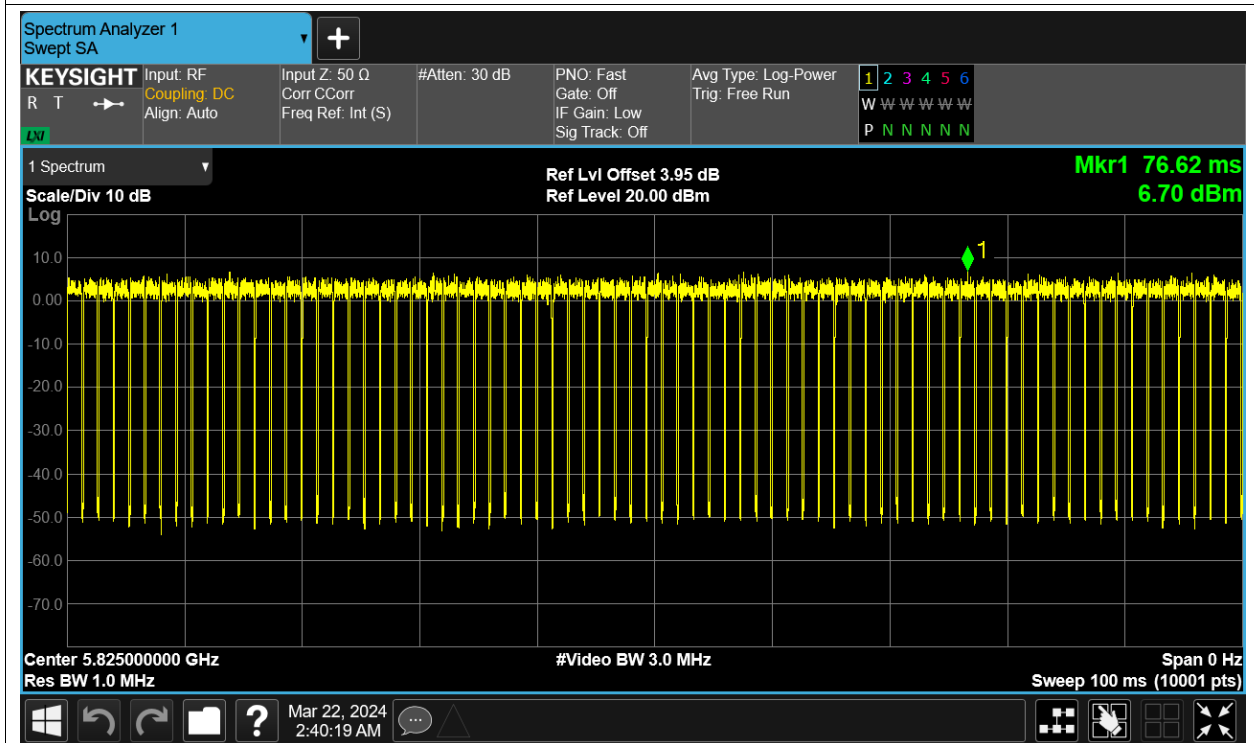
Duty Cycle NVNT ac20 5745MHz Ant4



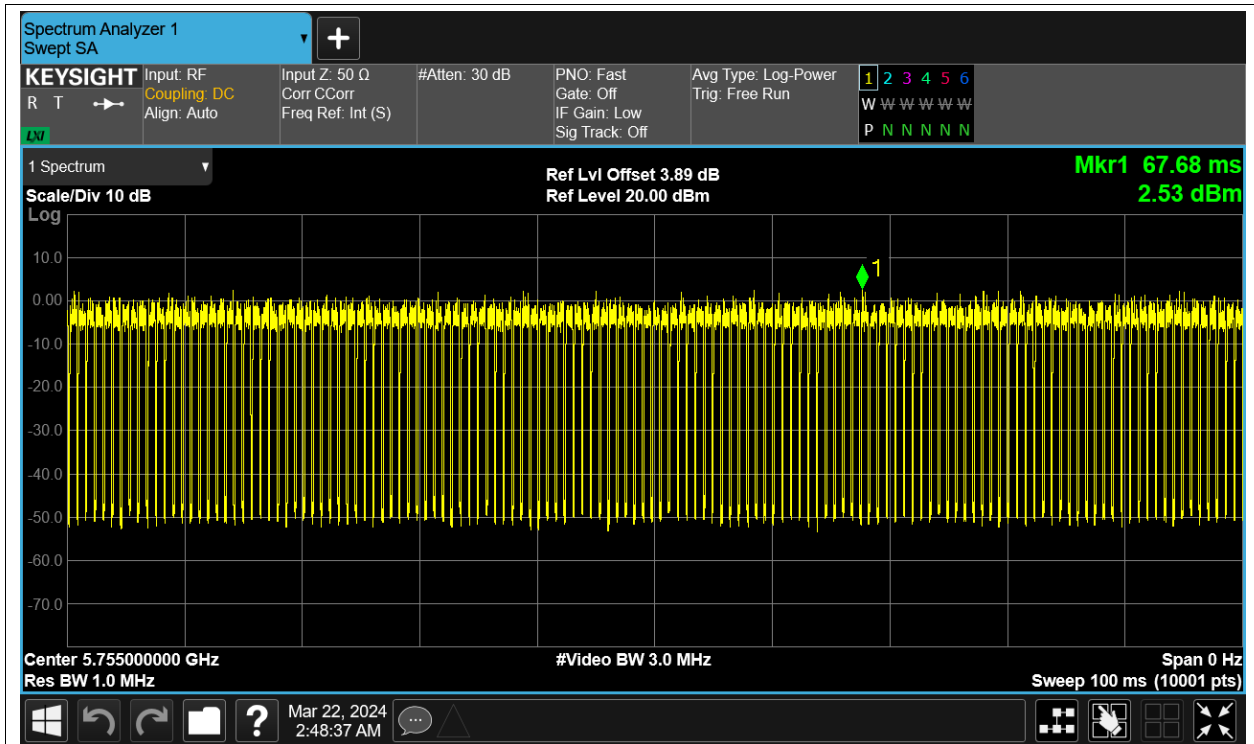
Duty Cycle NVNT ac20 5785MHz Ant4



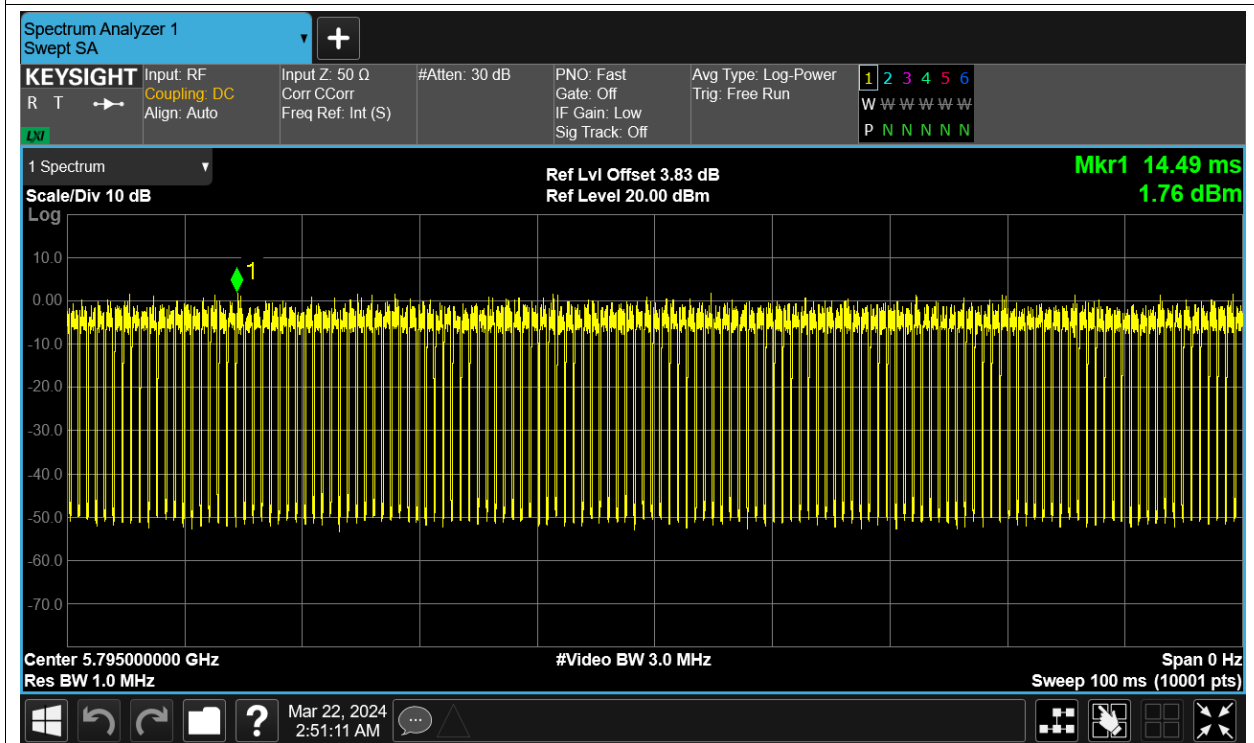
Duty Cycle NVNT ac20 5825MHz Ant4



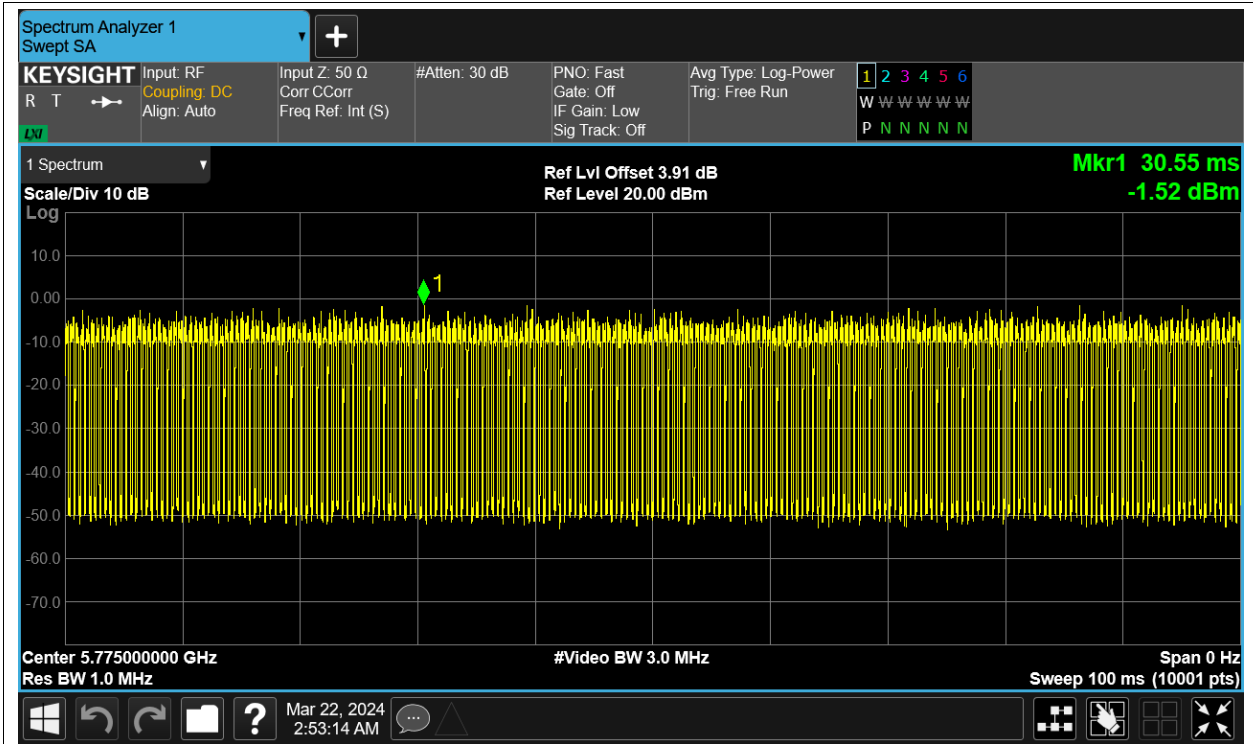
Duty Cycle NVNT ac40 5755MHz Ant4



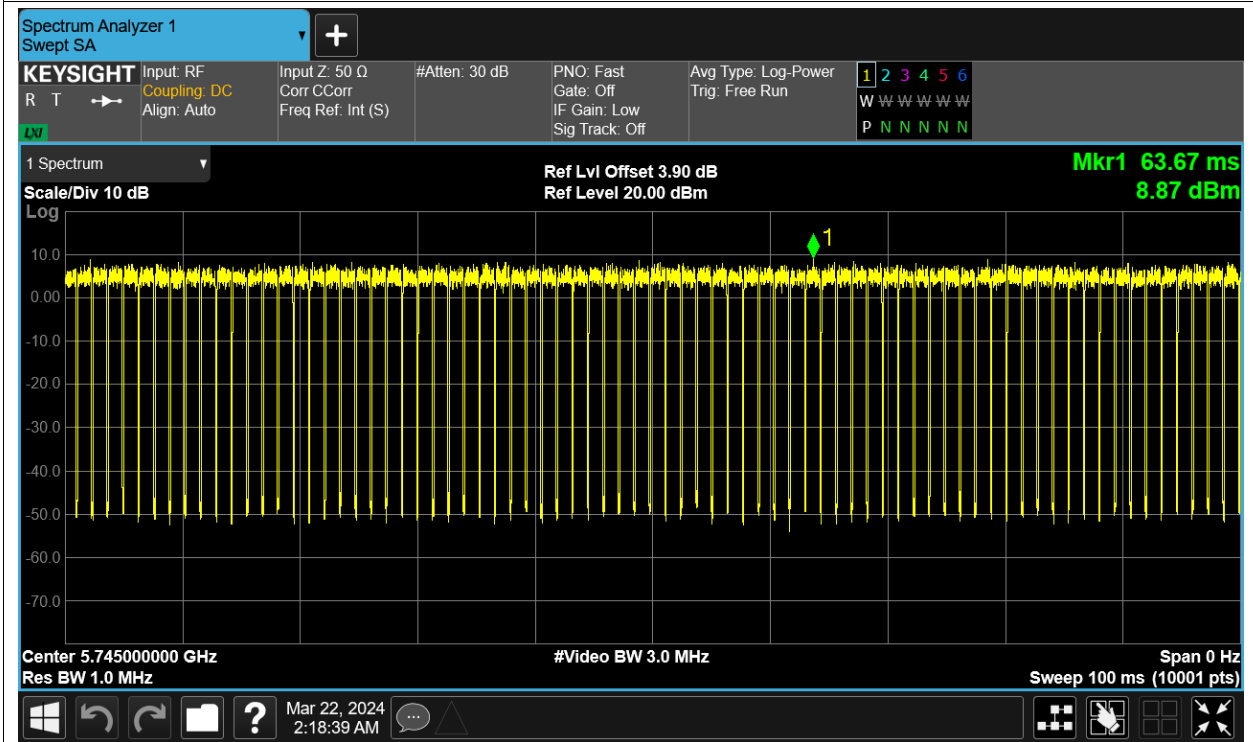
Duty Cycle NVNT ac40 5795MHz Ant4



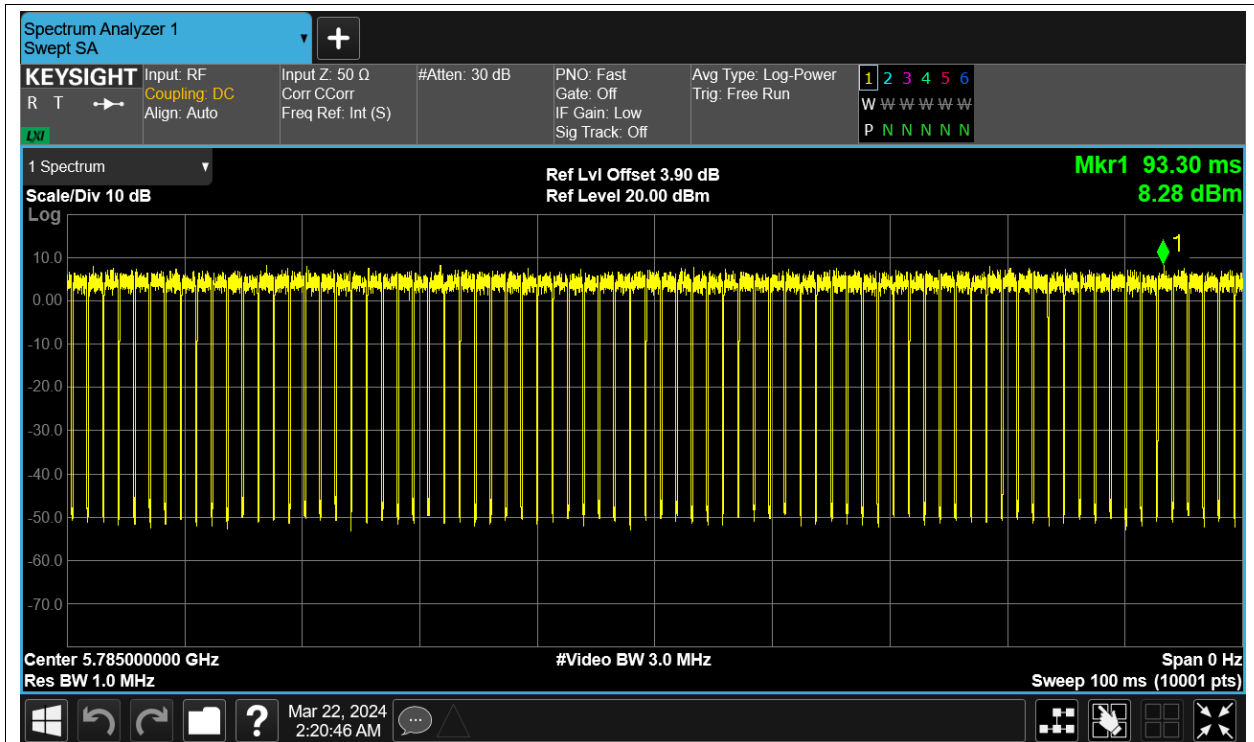
Duty Cycle NVNT ac80 5775MHz Ant4



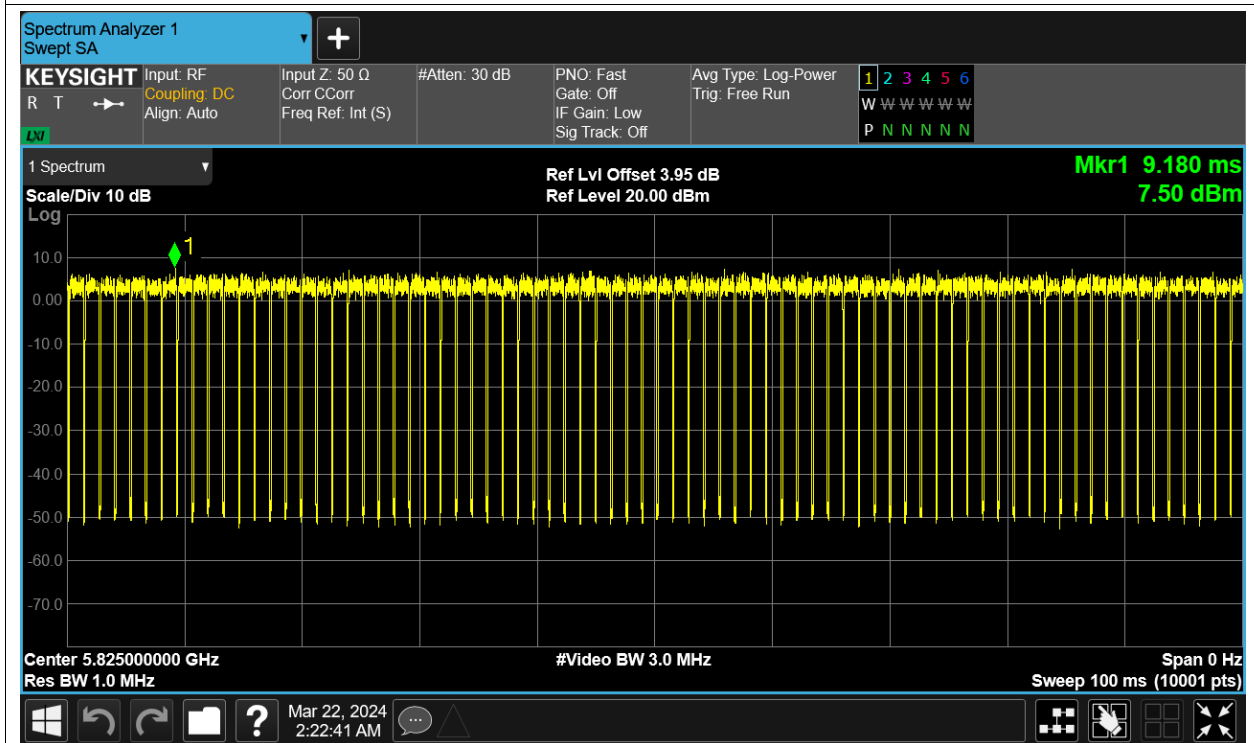
Duty Cycle NVNT n20 5745MHz Ant4



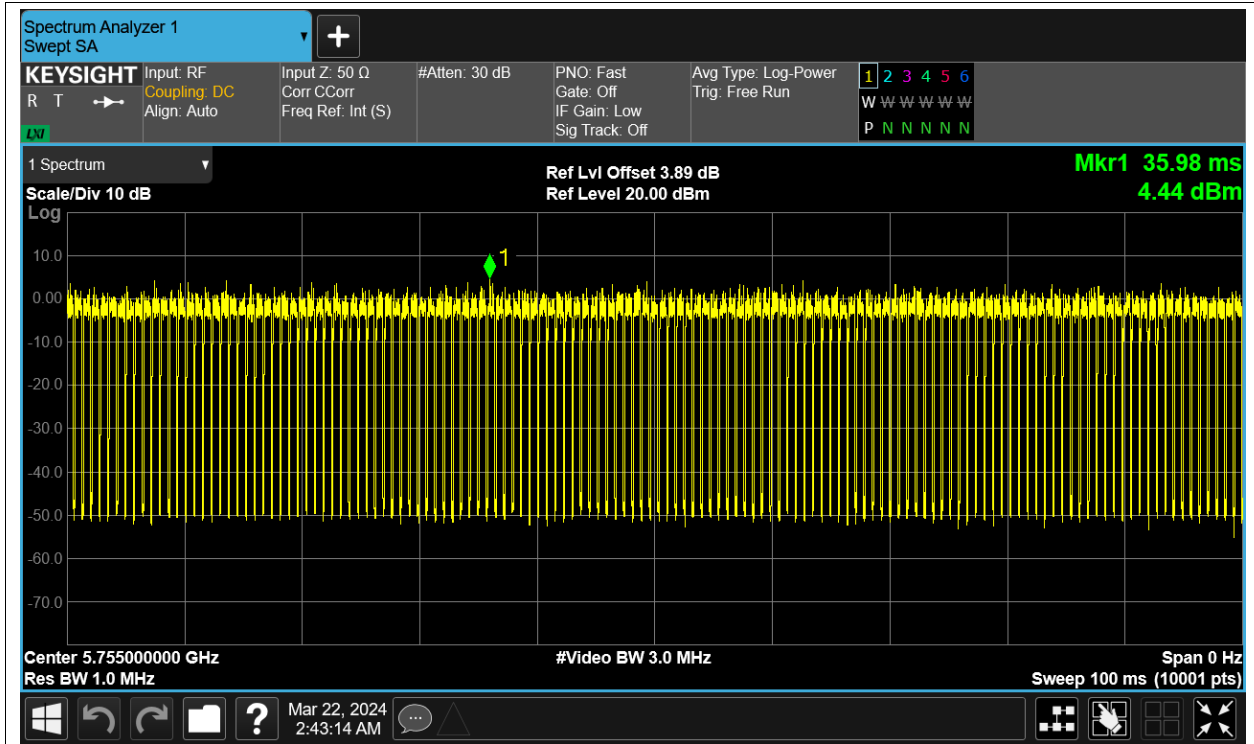
Duty Cycle NVNT n20 5785MHz Ant4



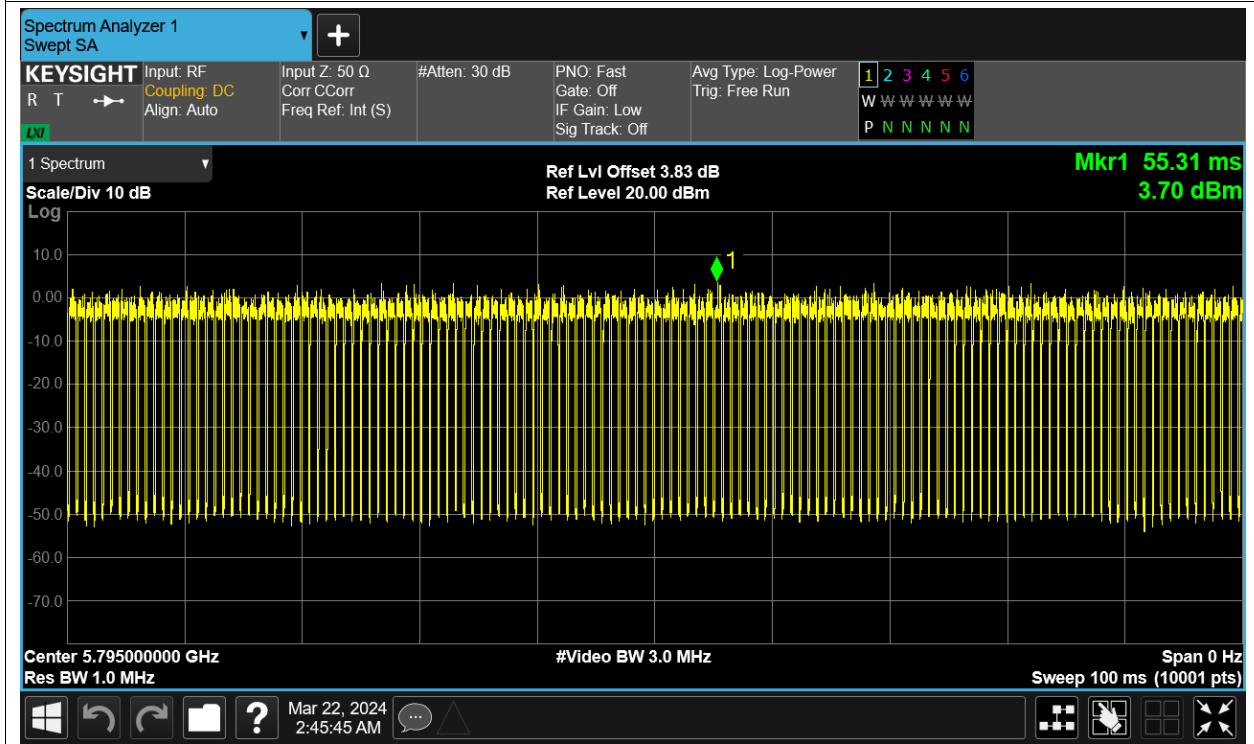
Duty Cycle NVNT n20 5825MHz Ant4



Duty Cycle NVNT n40 5755MHz Ant4



Duty Cycle NVNT n40 5795MHz Ant4



Maximum Conducted Output Power

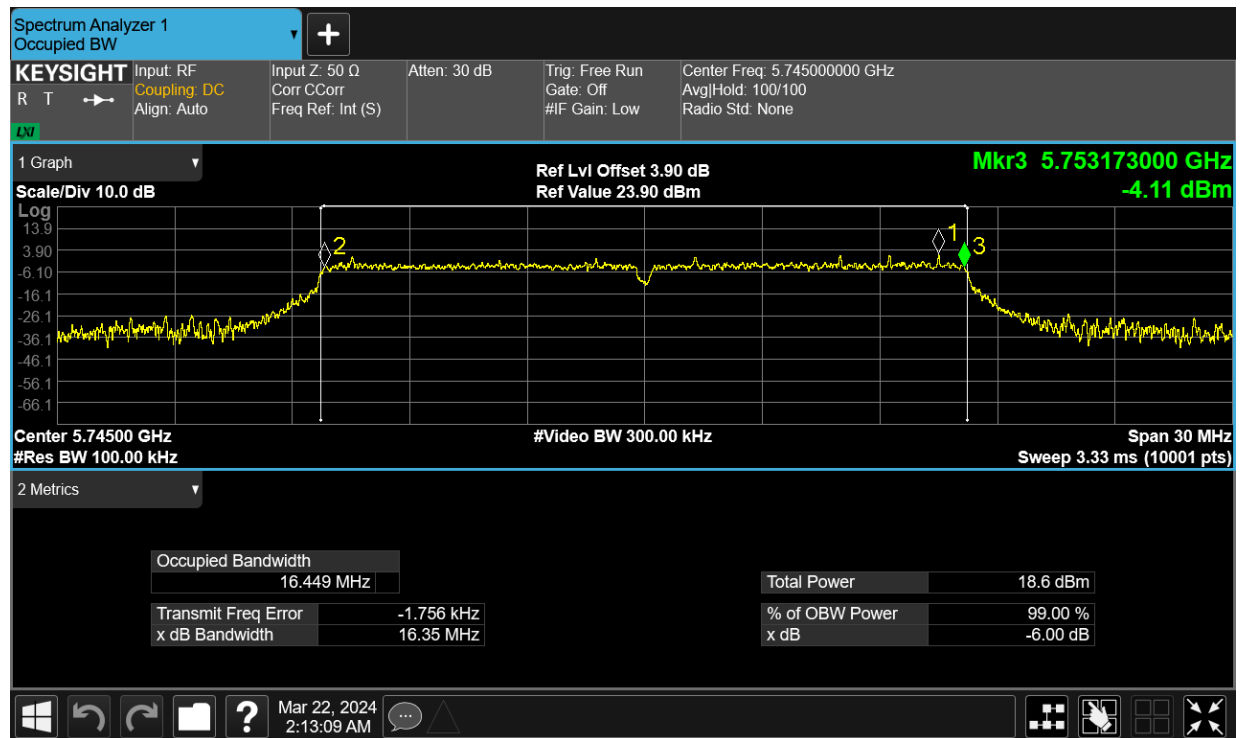
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant4	13.49	0.4	13.89	30	Pass
NVNT	a	5785	Ant4	13.36	0.4	13.76	30	Pass
NVNT	a	5825	Ant4	12.52	0.4	12.92	30	Pass
NVNT	ac20	5745	Ant4	11.89	0.47	12.36	30	Pass
NVNT	ac20	5785	Ant4	11.81	0.47	12.28	30	Pass
NVNT	ac20	5825	Ant4	11.77	0.47	12.24	30	Pass
NVNT	ac40	5755	Ant4	11.59	0.89	12.48	30	Pass
NVNT	ac40	5795	Ant4	11.17	0.89	12.06	30	Pass
NVNT	ac80	5775	Ant4	10.88	1.56	12.44	30	Pass
NVNT	n20	5745	Ant4	13.39	0.47	13.86	30	Pass
NVNT	n20	5785	Ant4	13.35	0.47	13.82	30	Pass
NVNT	n20	5825	Ant4	12.48	0.47	12.95	30	Pass
NVNT	n40	5755	Ant4	13.11	0.87	13.98	30	Pass
NVNT	n40	5795	Ant4	12.74	0.88	13.62	30	Pass

-6dB Bandwidth

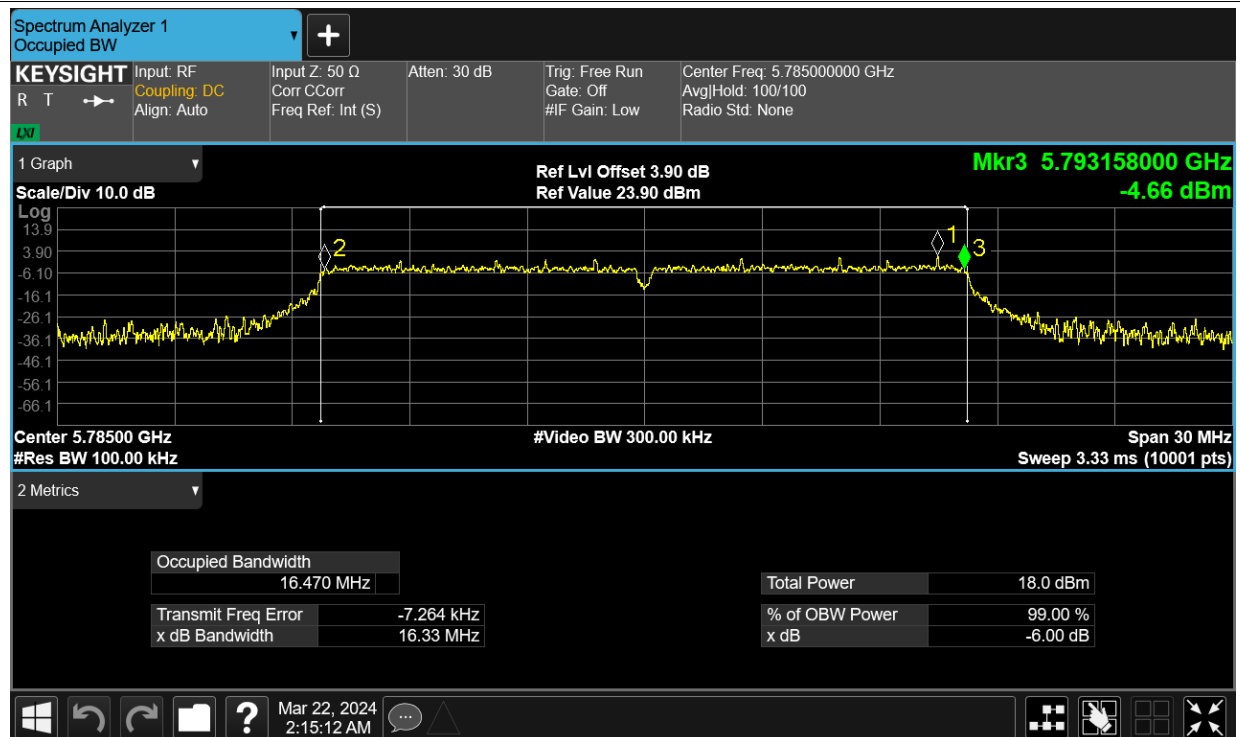
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant4	16.349	0.5	Pass
NVNT	a	5785	Ant4	16.331	0.5	Pass
NVNT	a	5825	Ant4	16.341	0.5	Pass
NVNT	ac20	5745	Ant4	17.402	0.5	Pass
NVNT	ac20	5785	Ant4	17.367	0.5	Pass
NVNT	ac20	5825	Ant4	16.874	0.5	Pass
NVNT	ac40	5755	Ant4	35.791	0.5	Pass
NVNT	ac40	5795	Ant4	36.182	0.5	Pass
NVNT	ac80	5775	Ant4	75.591	0.5	Pass
NVNT	n20	5745	Ant4	17.116	0.5	Pass
NVNT	n20	5785	Ant4	17.269	0.5	Pass
NVNT	n20	5825	Ant4	17.358	0.5	Pass
NVNT	n40	5755	Ant4	35.861	0.5	Pass
NVNT	n40	5795	Ant4	36.042	0.5	Pass

Test Graphs

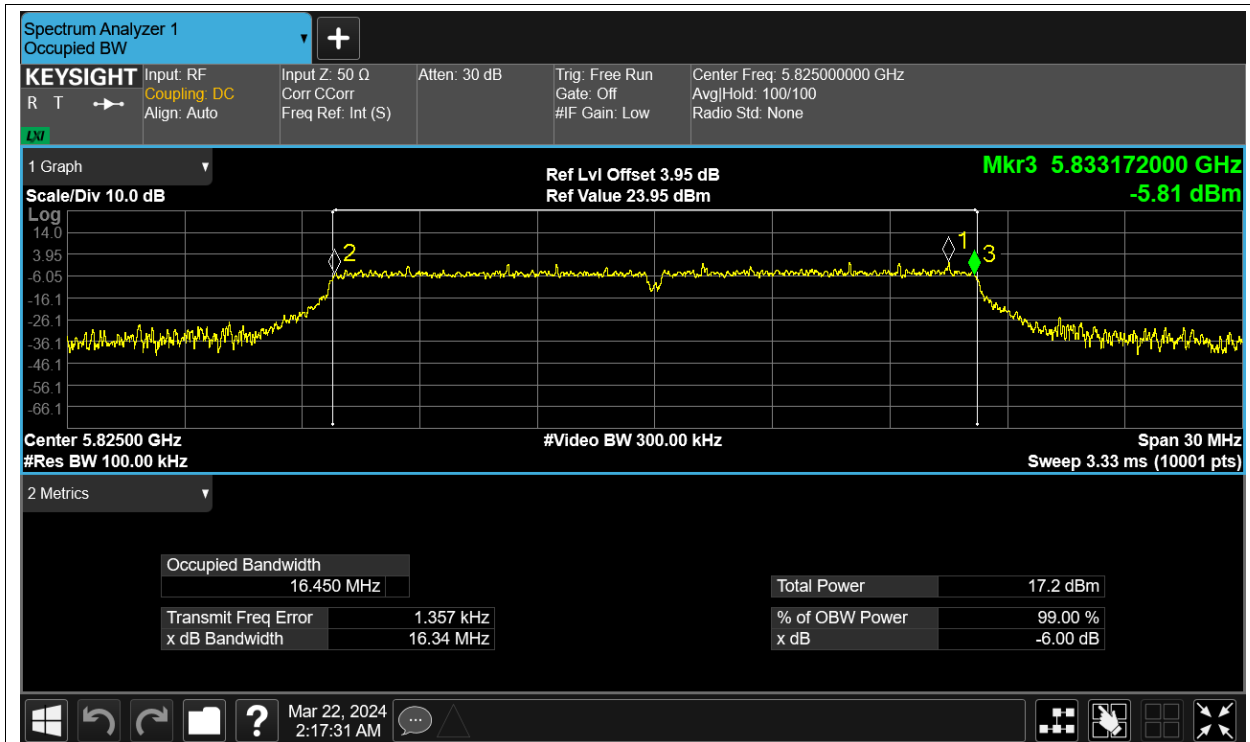
-6dB Bandwidth NVNT a 5745MHz Ant4



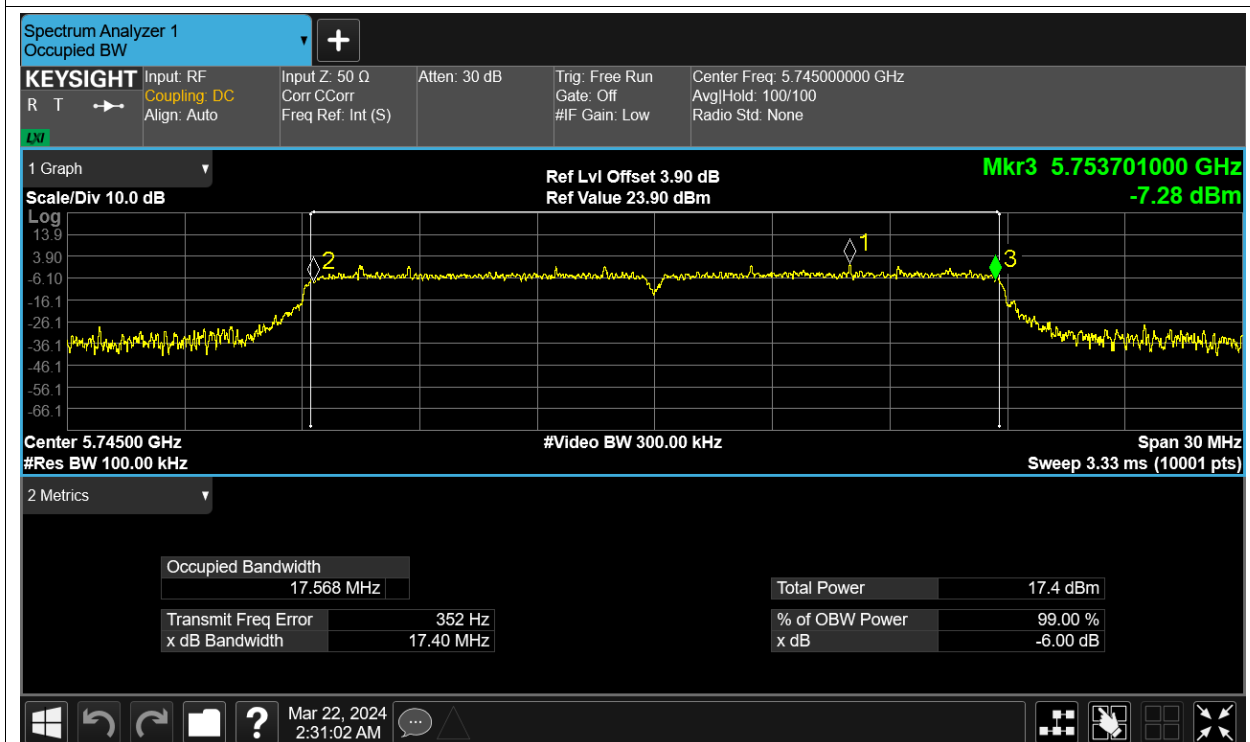
-6dB Bandwidth NVNT a 5785MHz Ant4



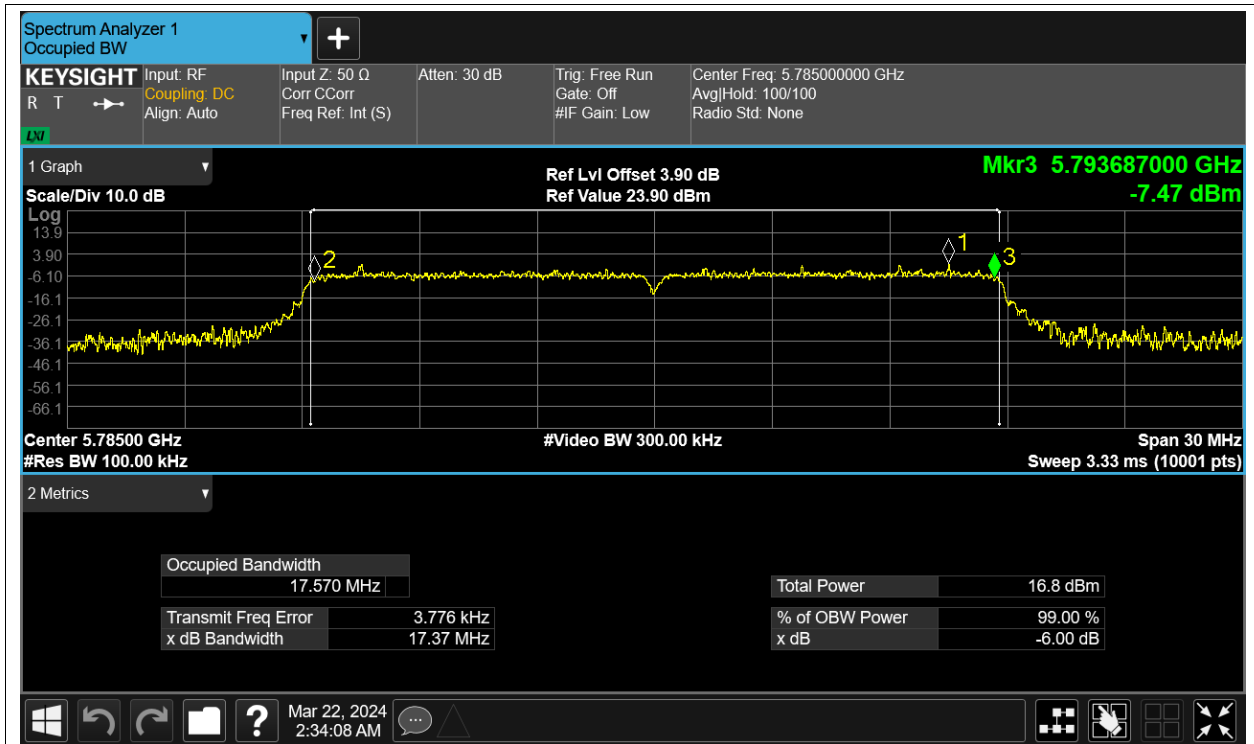
-6dB Bandwidth NVNT a 5825MHz Ant4



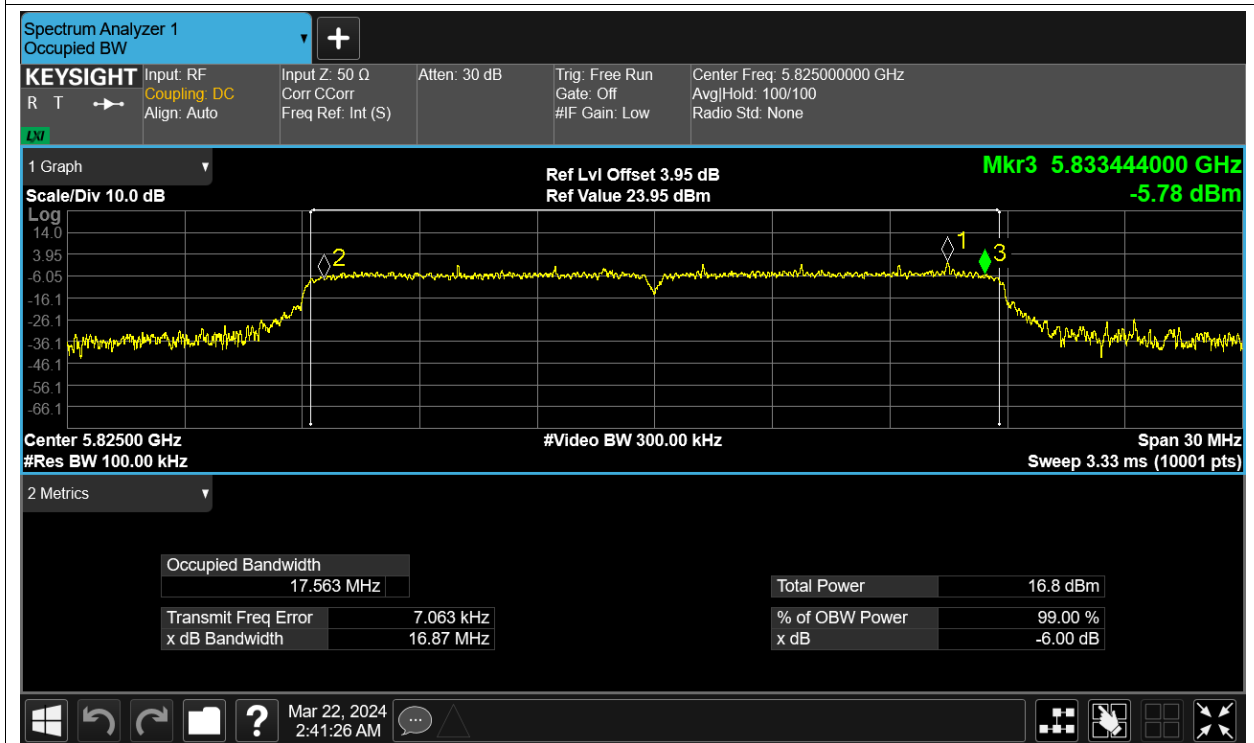
-6dB Bandwidth NVNT ac20 5745MHz Ant4



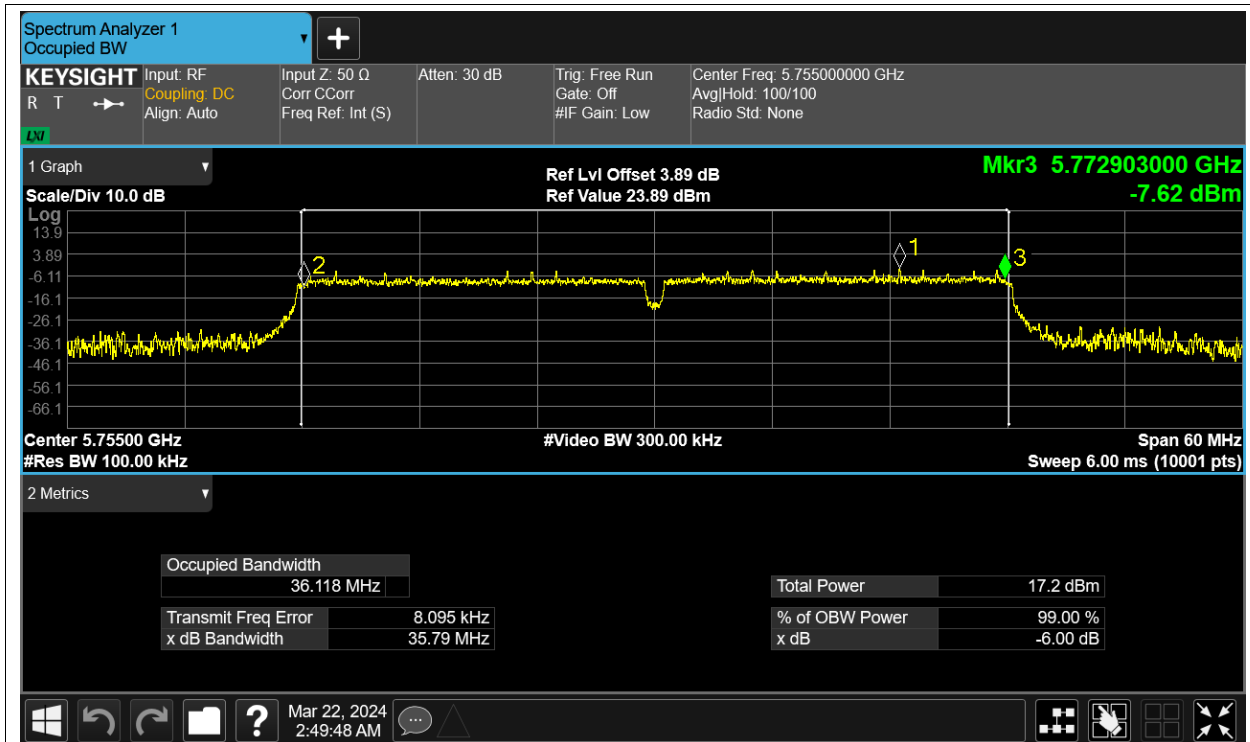
-6dB Bandwidth NVNT ac20 5785MHz Ant4



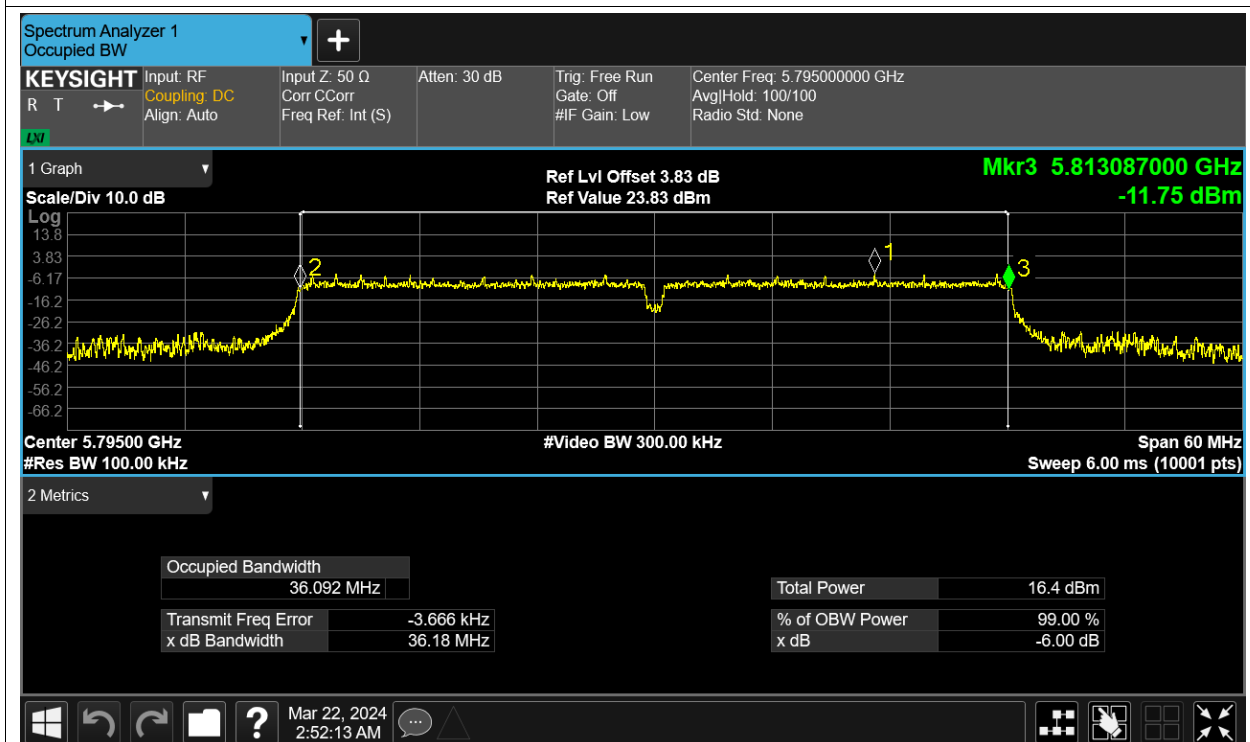
-6dB Bandwidth NVNT ac20 5825MHz Ant4



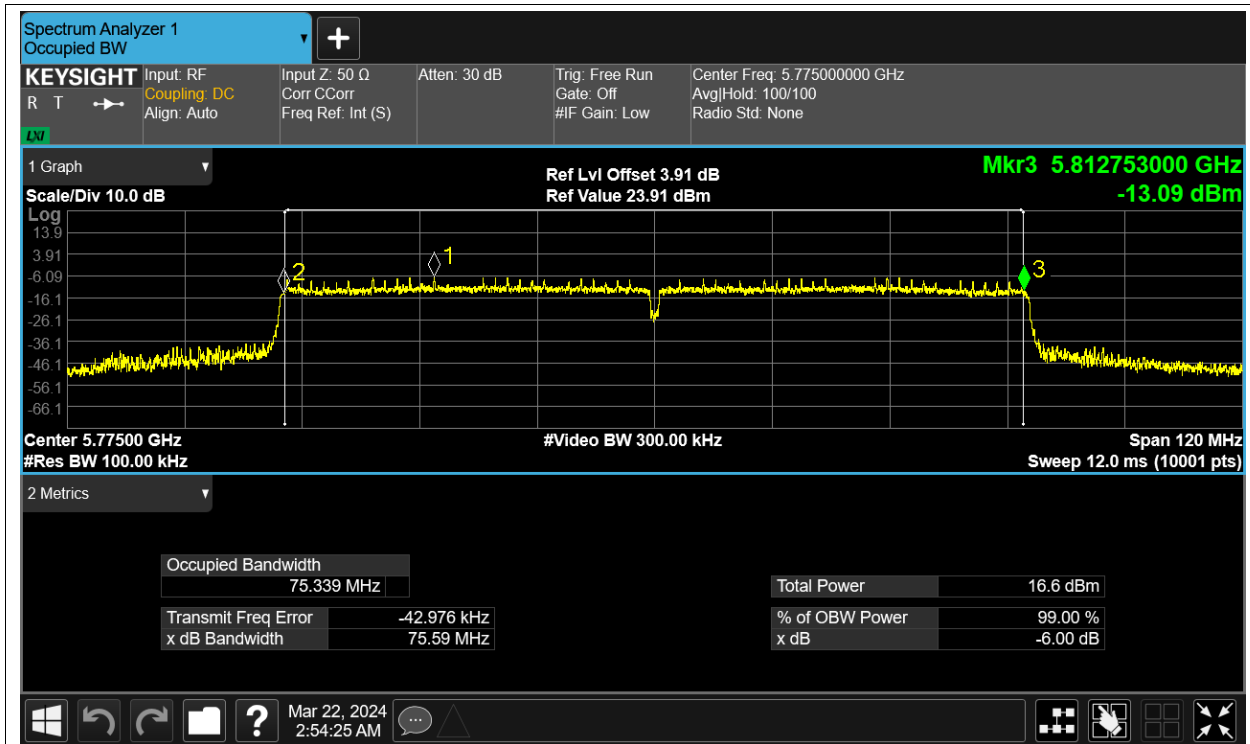
-6dB Bandwidth NVNT ac40 5755MHz Ant4



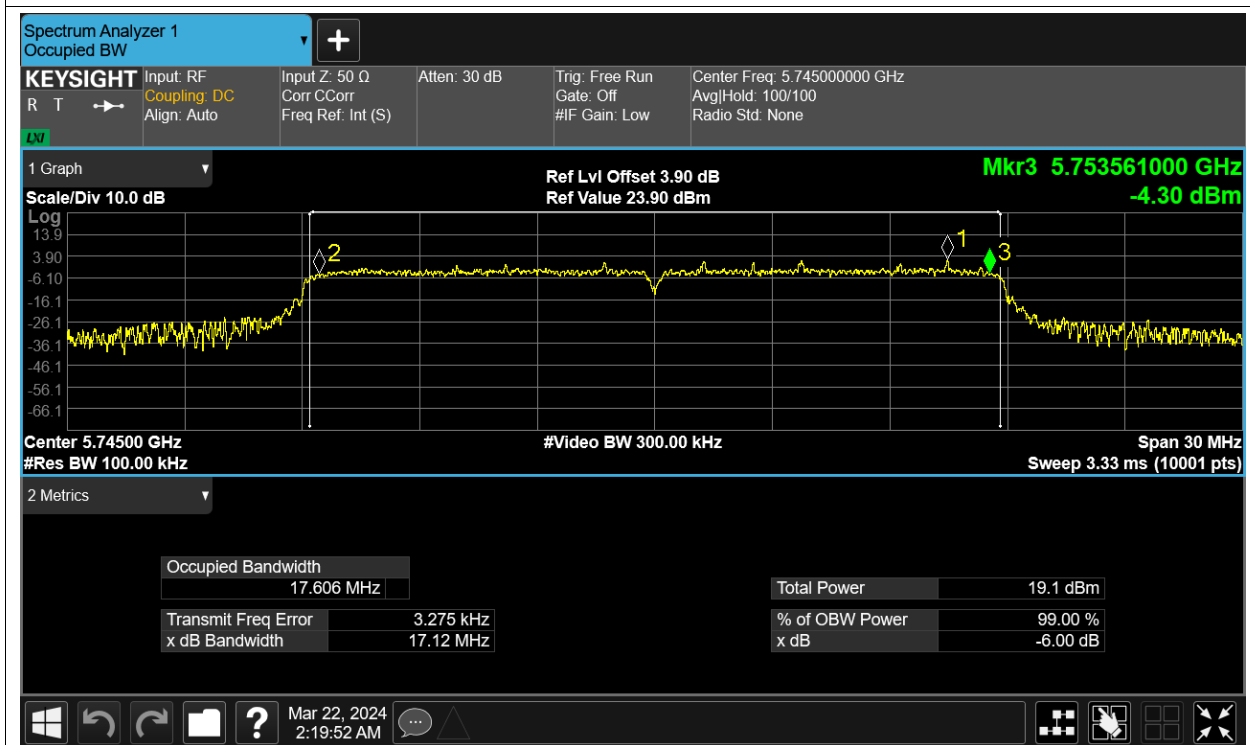
-6dB Bandwidth NVNT ac40 5795MHz Ant4



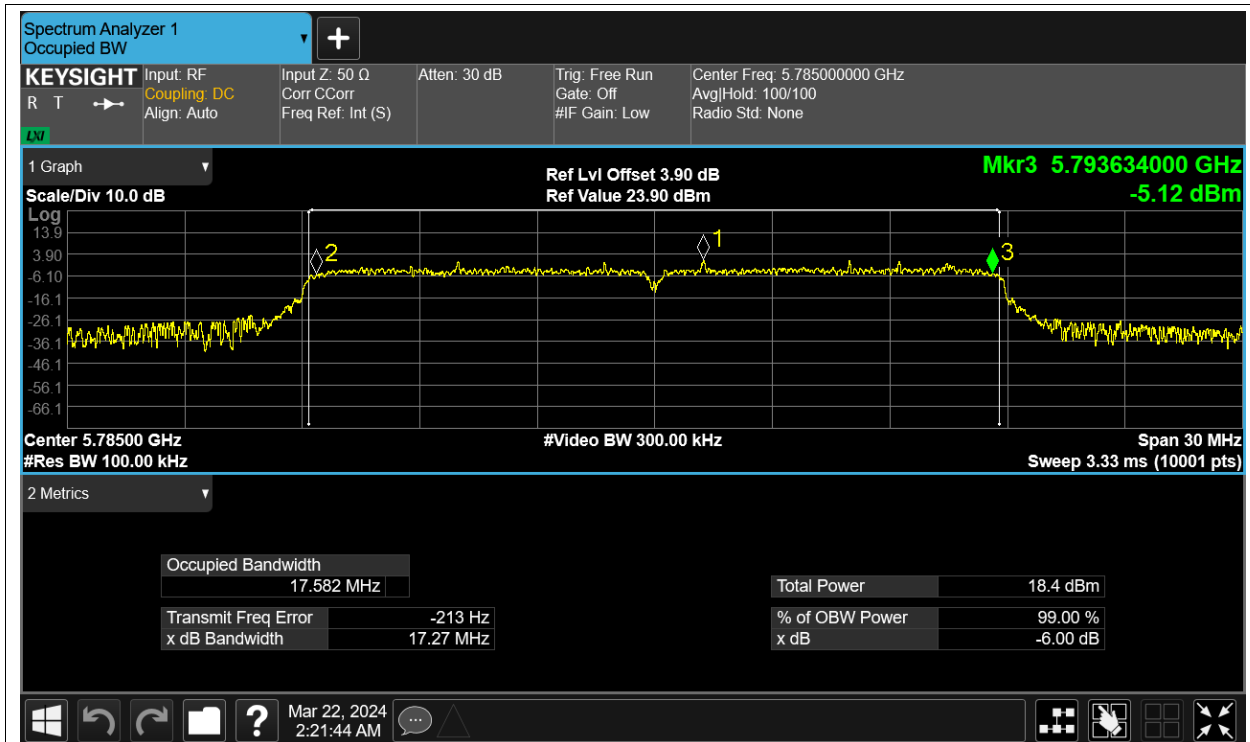
-6dB Bandwidth NVNT ac80 5775MHz Ant4



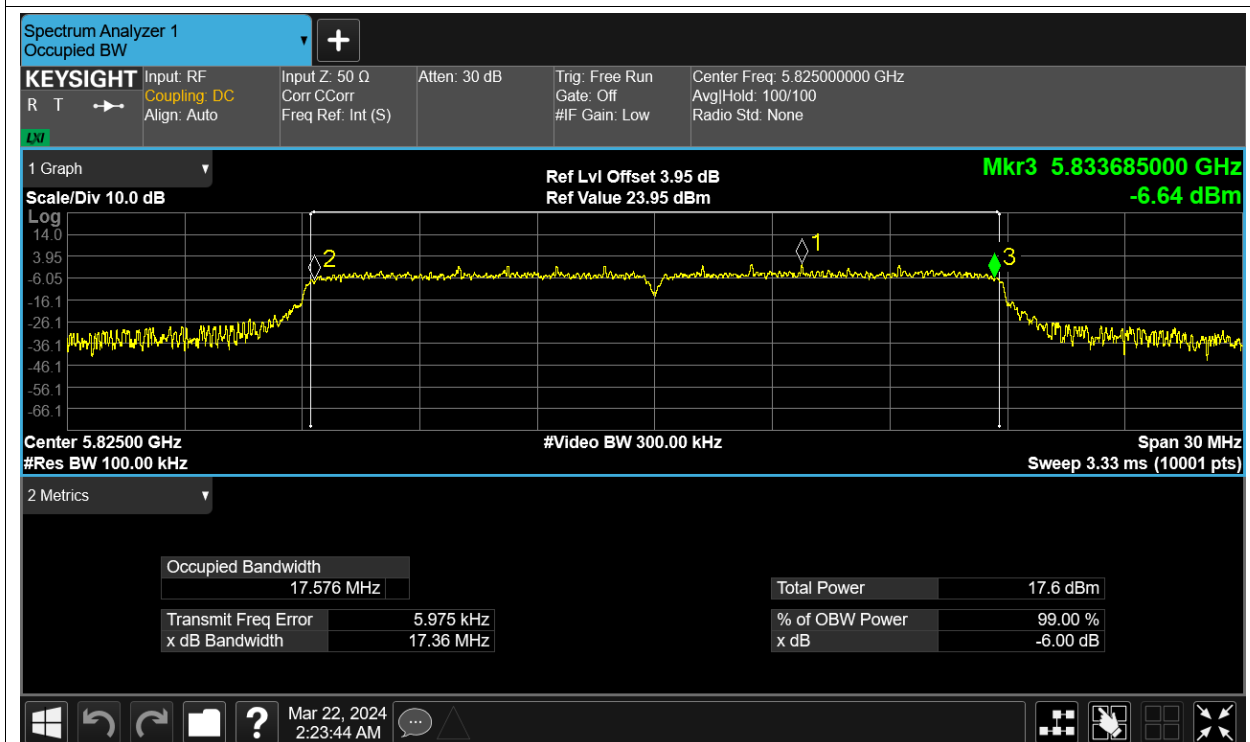
-6dB Bandwidth NVNT n20 5745MHz Ant4



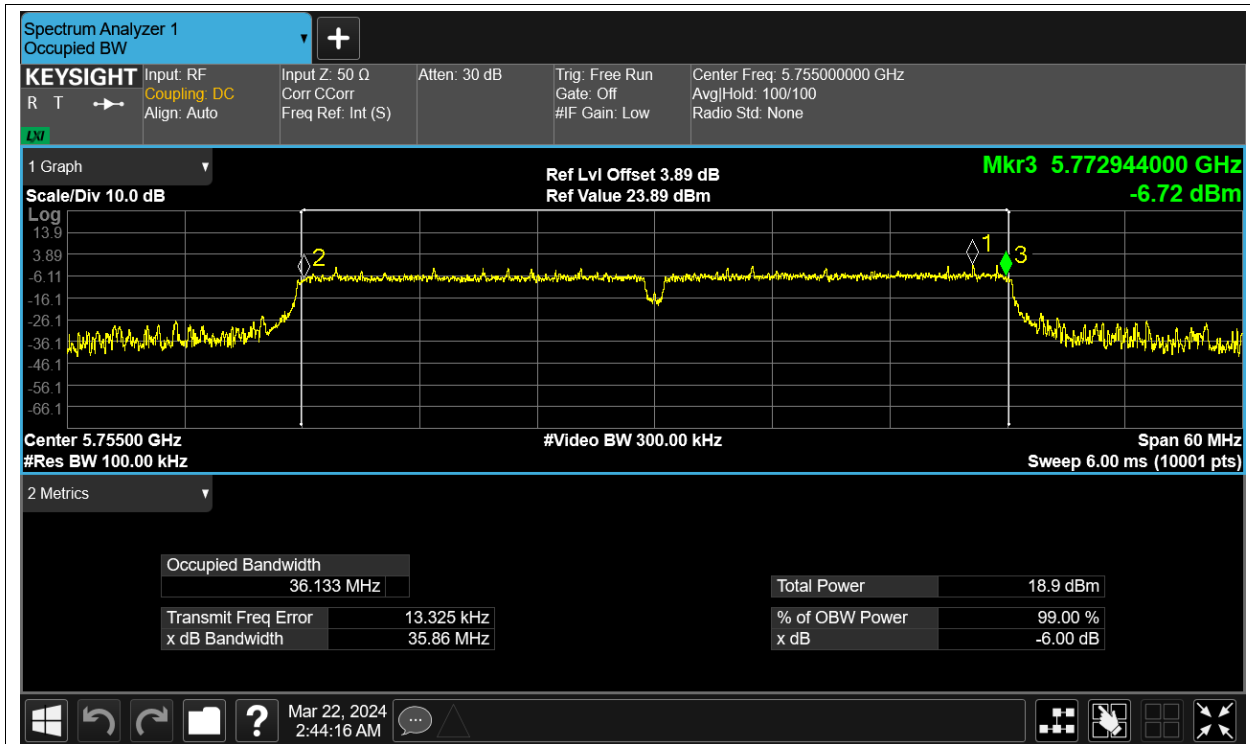
-6dB Bandwidth NVNT n20 5785MHz Ant4



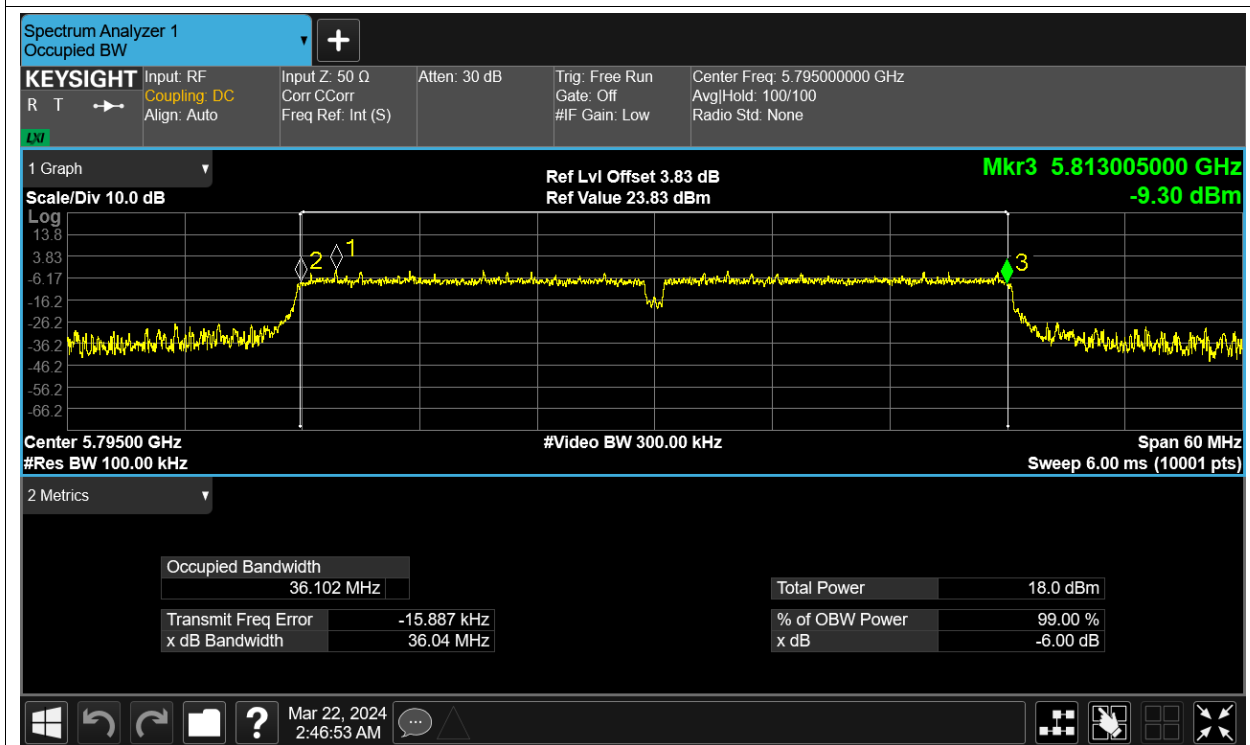
-6dB Bandwidth NVNT n20 5825MHz Ant4



-6dB Bandwidth NVNT n40 5755MHz Ant4



-6dB Bandwidth NVNT n40 5795MHz Ant4

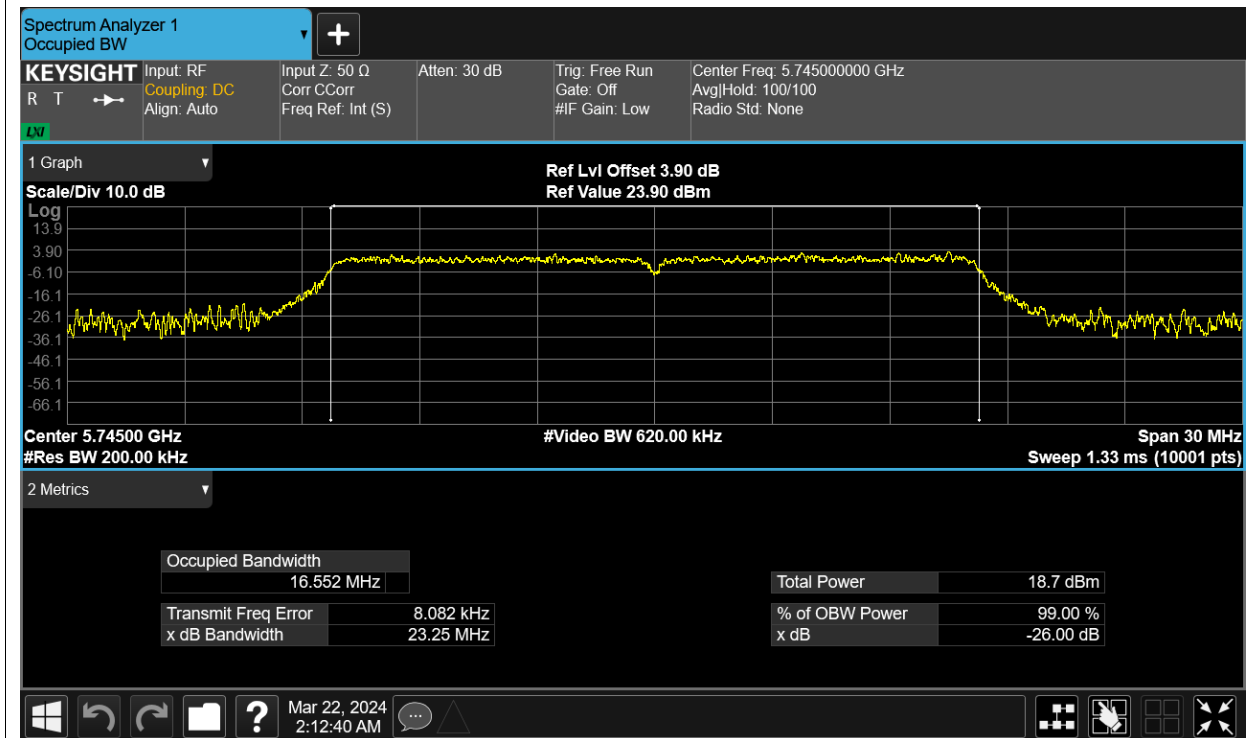


Occupied Channel Bandwidth

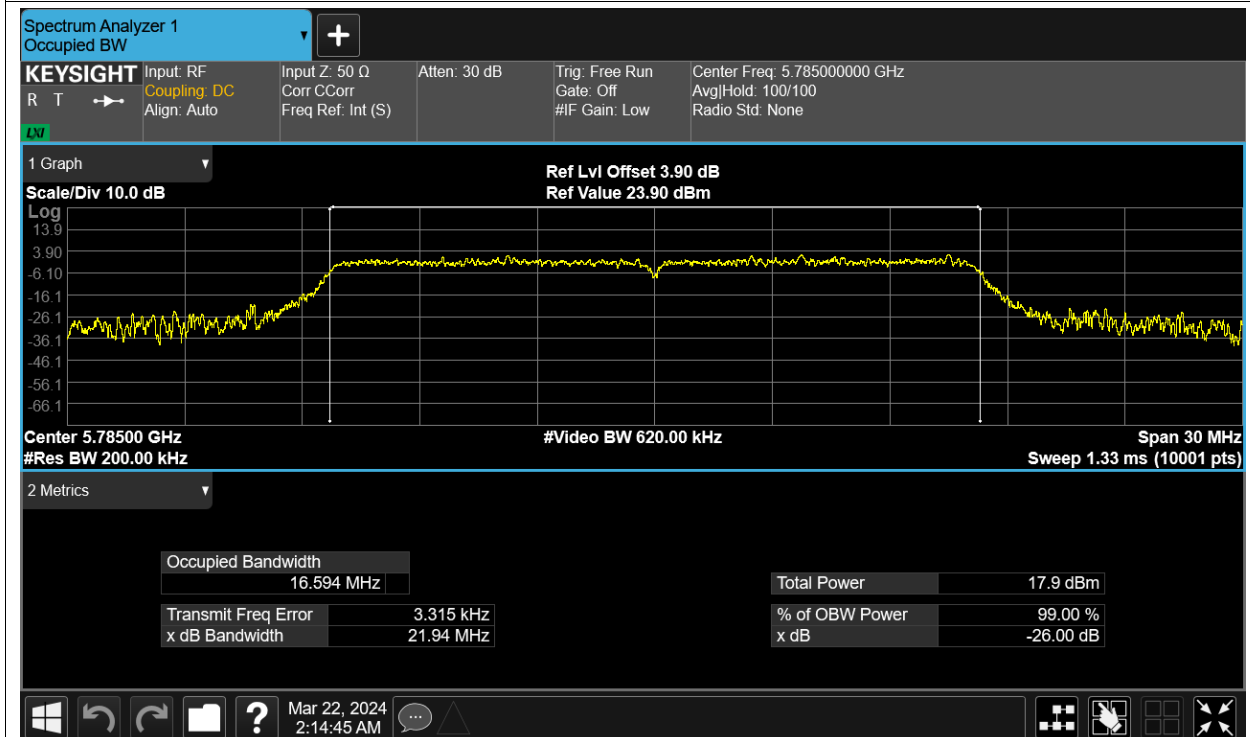
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant4	16.552
NVNT	a	5785	Ant4	16.594
NVNT	a	5825	Ant4	16.577
NVNT	ac20	5745	Ant4	17.649
NVNT	ac20	5785	Ant4	17.651
NVNT	ac20	5825	Ant4	17.619
NVNT	ac40	5755	Ant4	36.26
NVNT	ac40	5795	Ant4	36.25
NVNT	ac80	5775	Ant4	75.434
NVNT	n20	5745	Ant4	17.641
NVNT	n20	5785	Ant4	17.684
NVNT	n20	5825	Ant4	17.613
NVNT	n40	5755	Ant4	36.307
NVNT	n40	5795	Ant4	36.264

Test Graphs

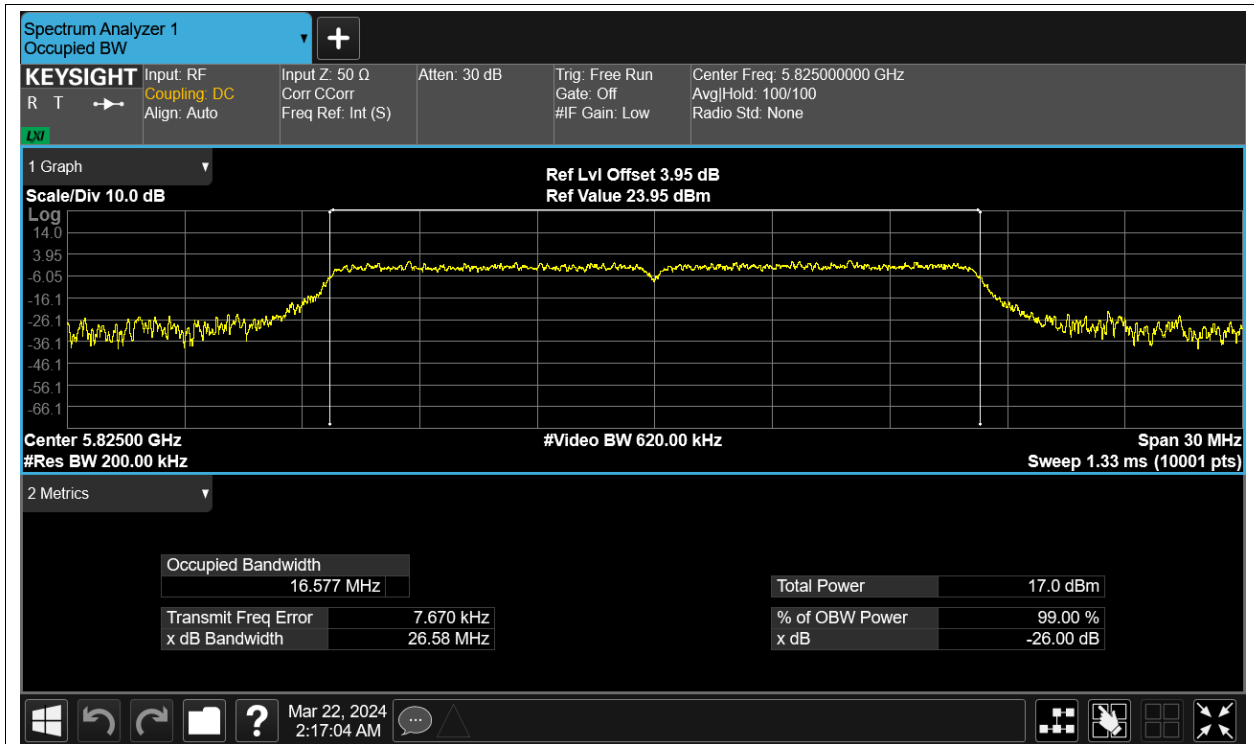
OBW NVNT a 5745MHz Ant4



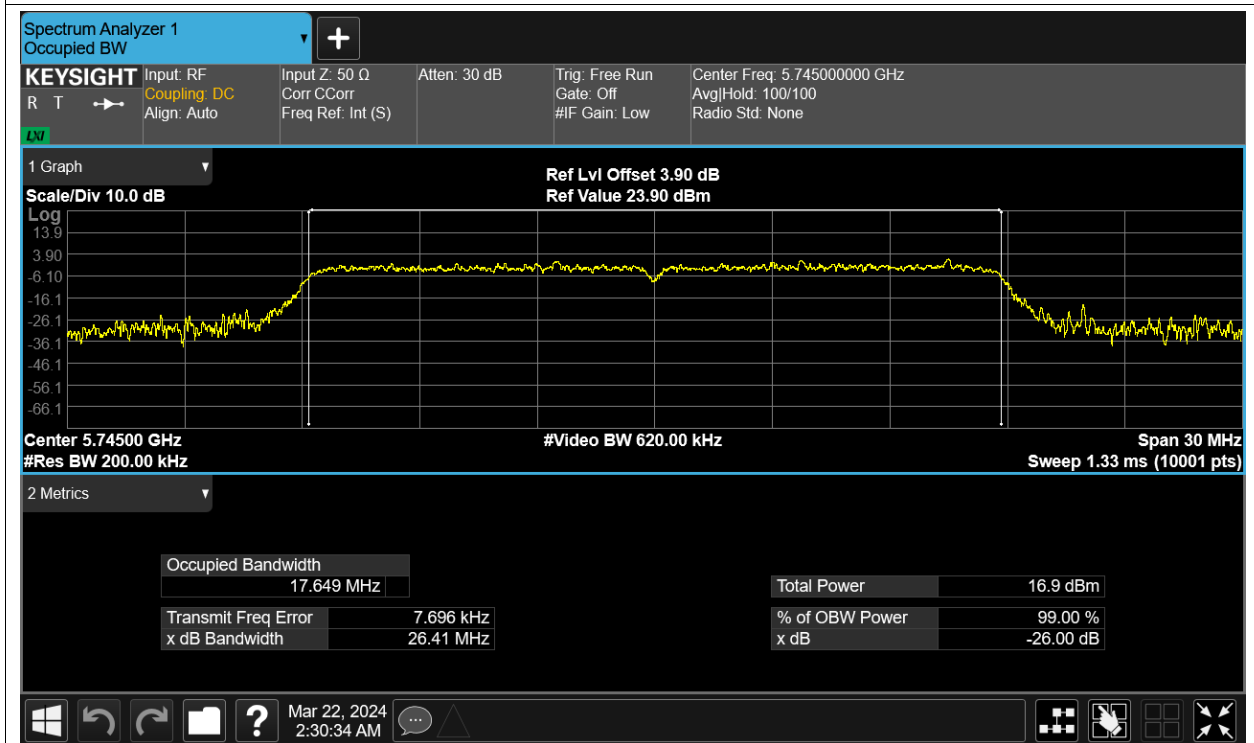
OBW NVNT a 5785MHz Ant4



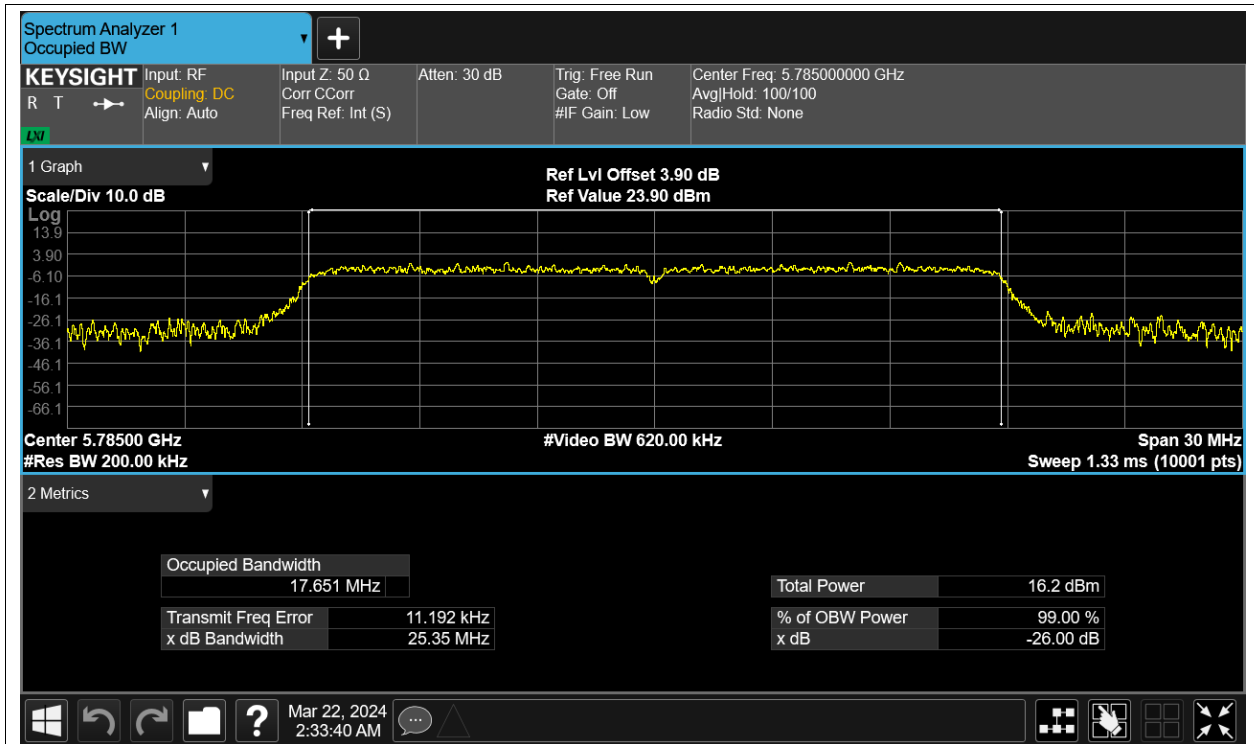
OBW NVNT a 5825MHz Ant4



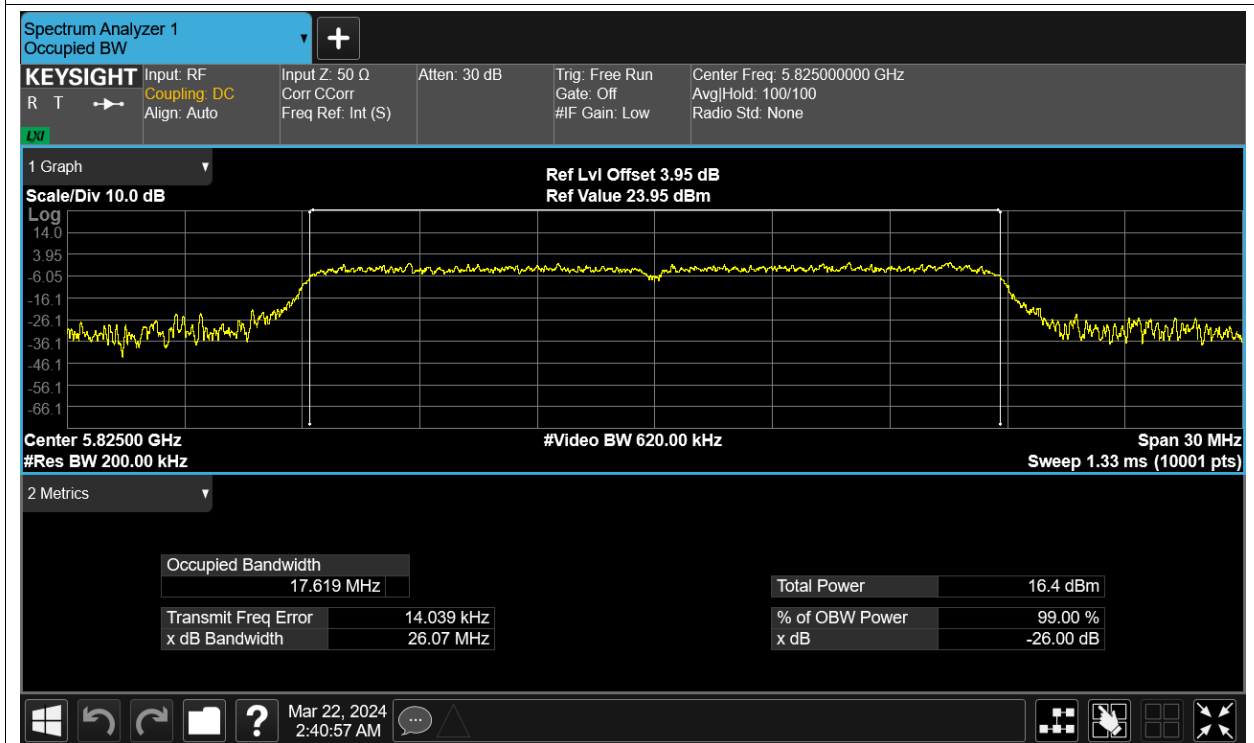
OBW NVNT ac20 5745MHz Ant4



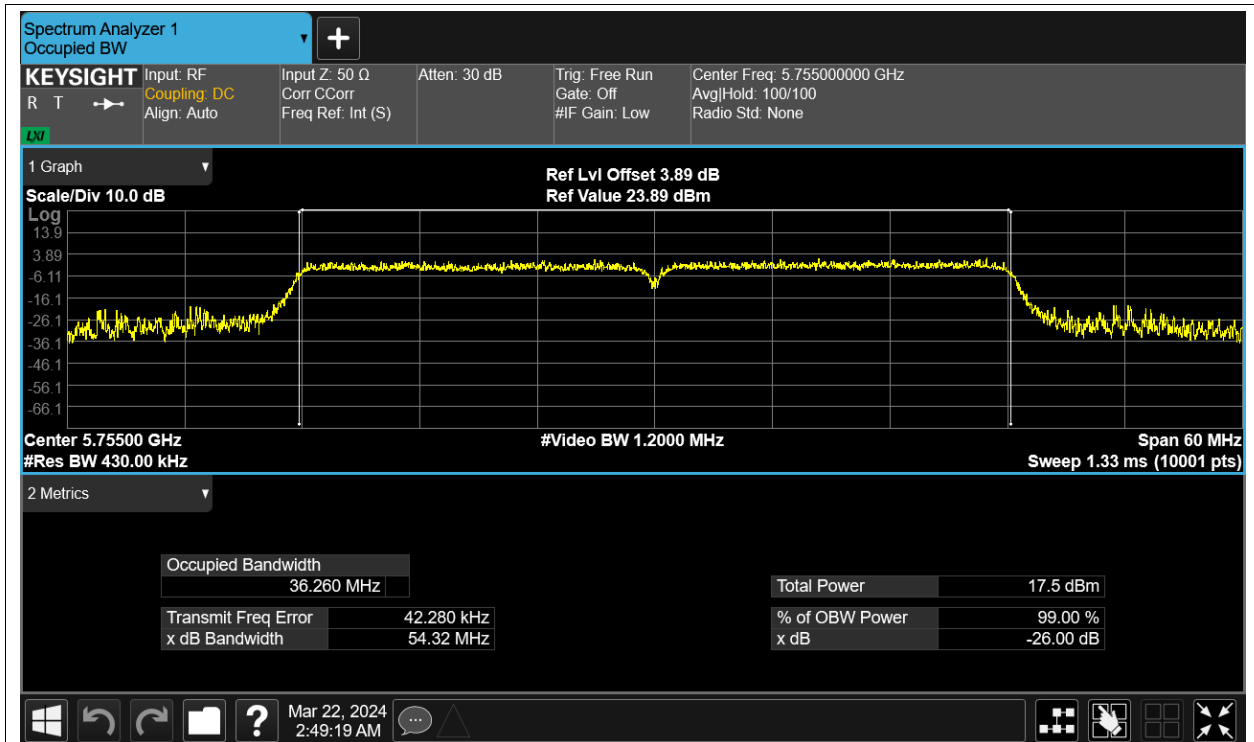
OBW NVNT ac20 5785MHz Ant4



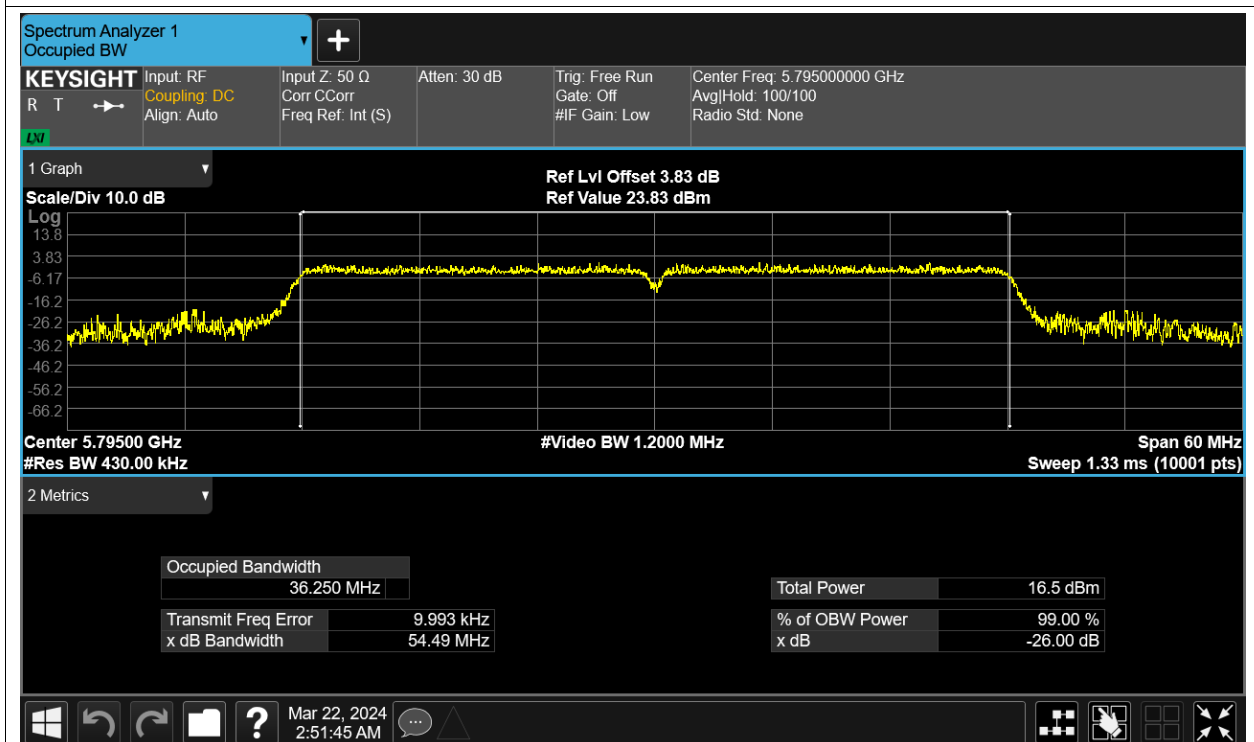
OBW NVNT ac20 5825MHz Ant4



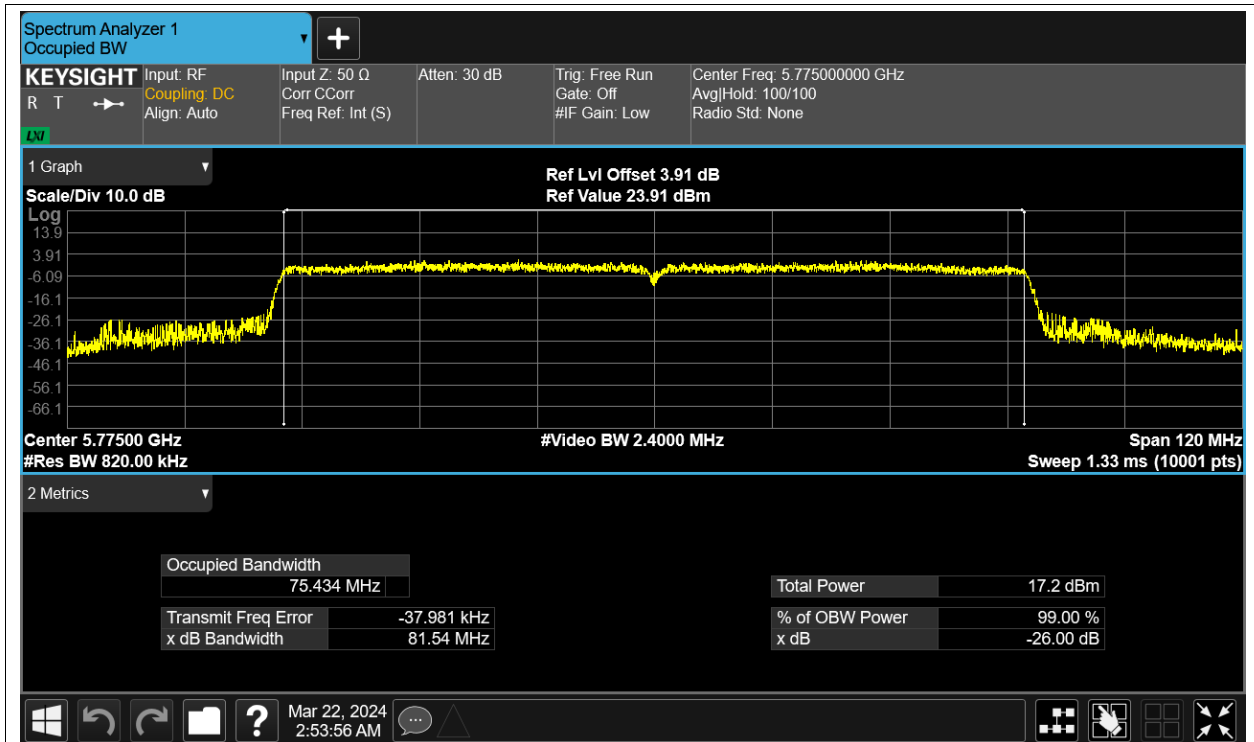
OBW NVNT ac40 5755MHz Ant4



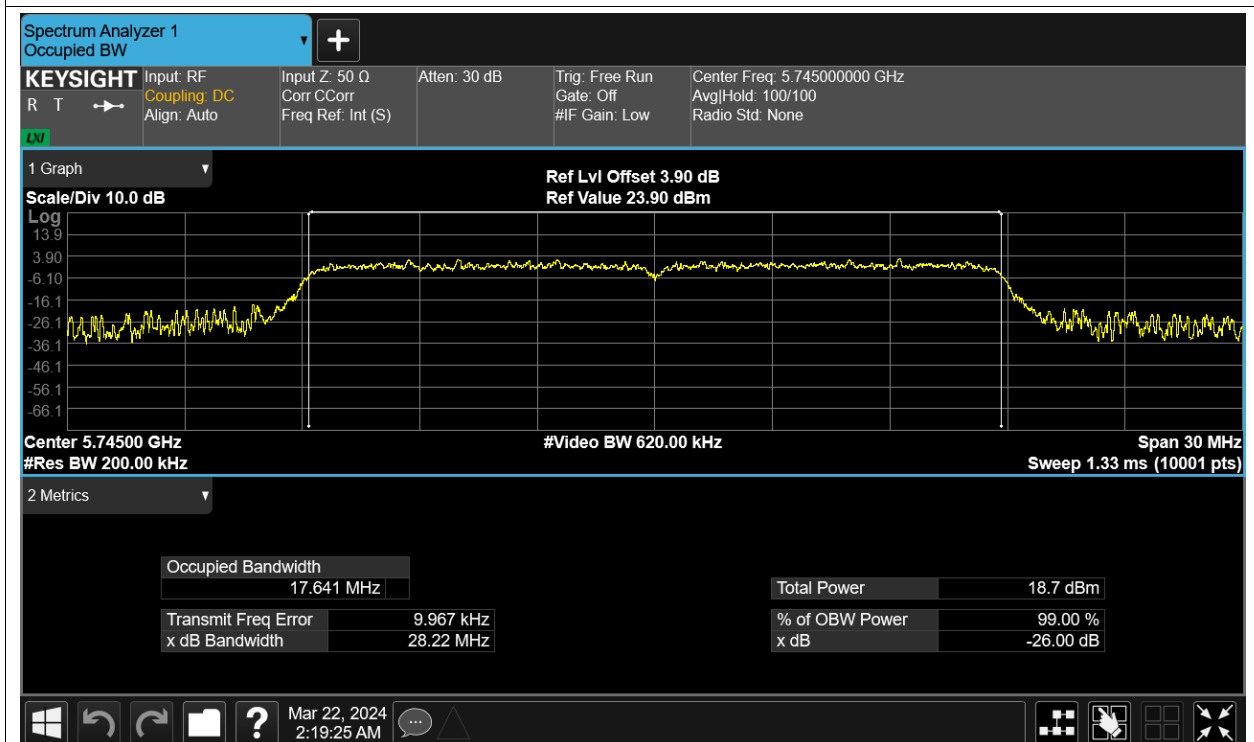
OBW NVNT ac40 5795MHz Ant4



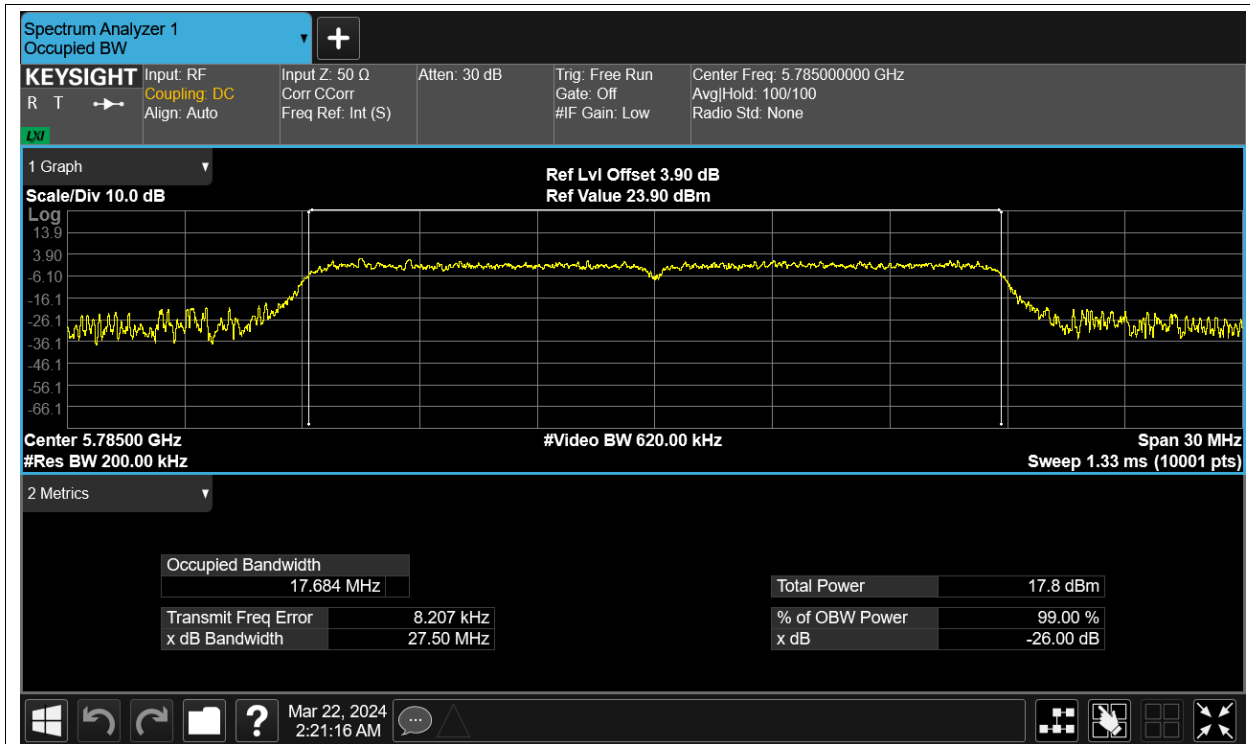
OBW NVNT ac80 5775MHz Ant4



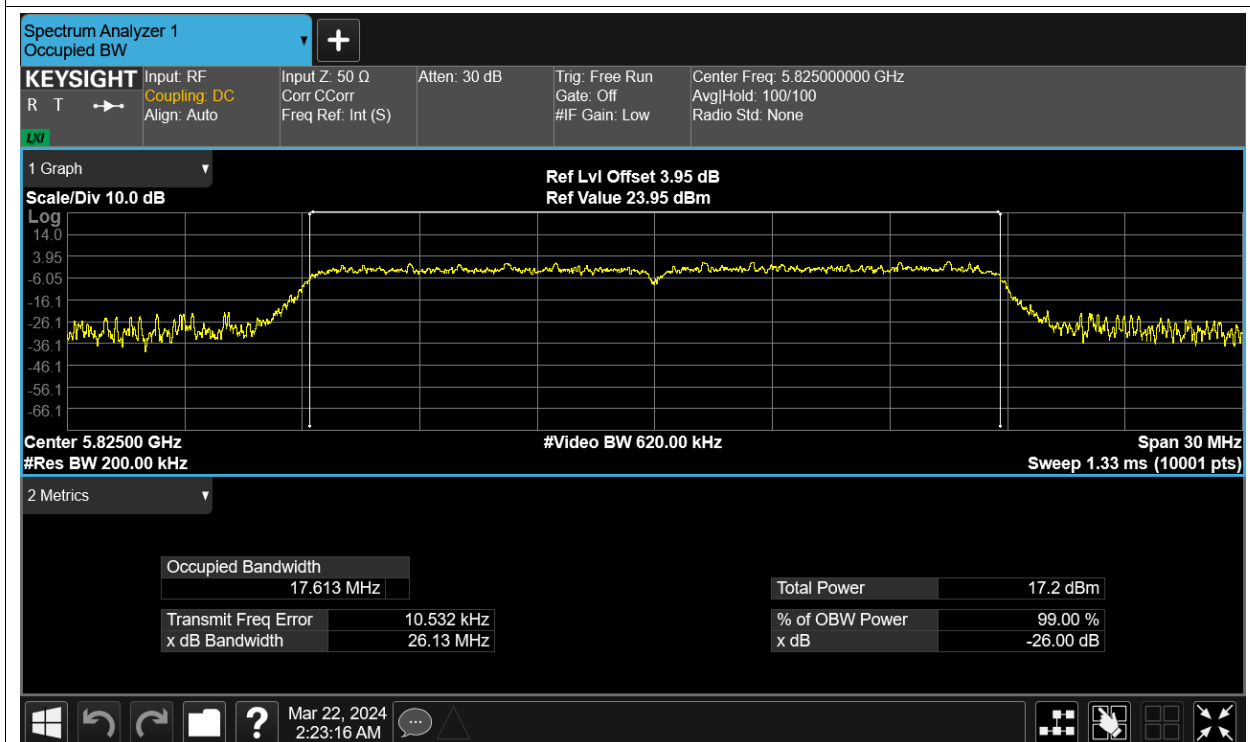
OBW NVNT n20 5745MHz Ant4



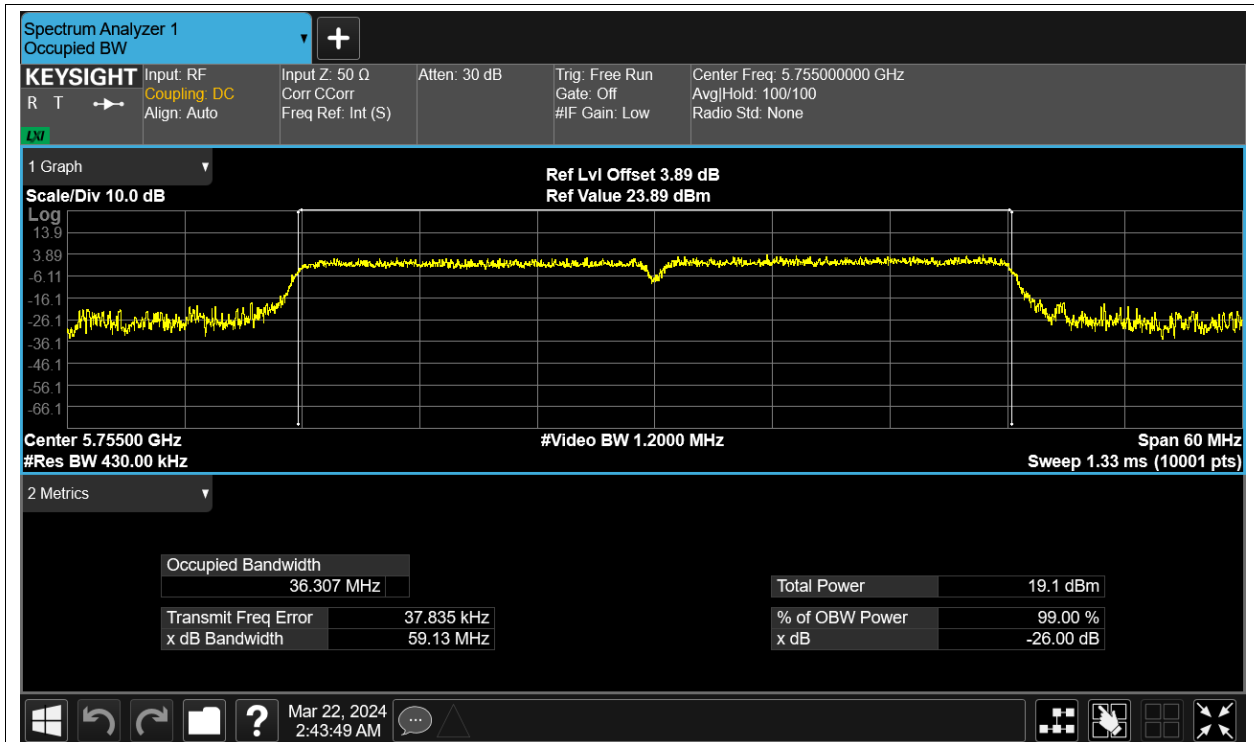
OBW NVNT n20 5785MHz Ant4



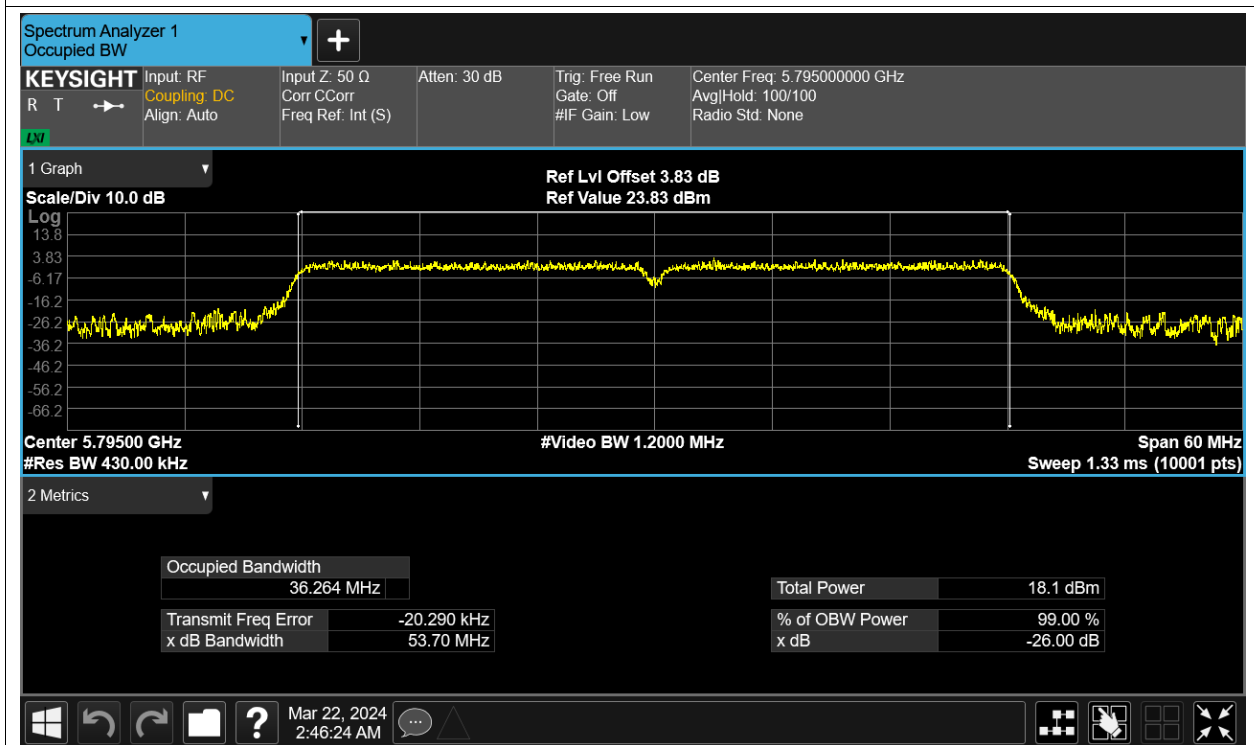
OBW NVNT n20 5825MHz Ant4



OBW NVNT n40 5755MHz Ant4



OBW NVNT n40 5795MHz Ant4

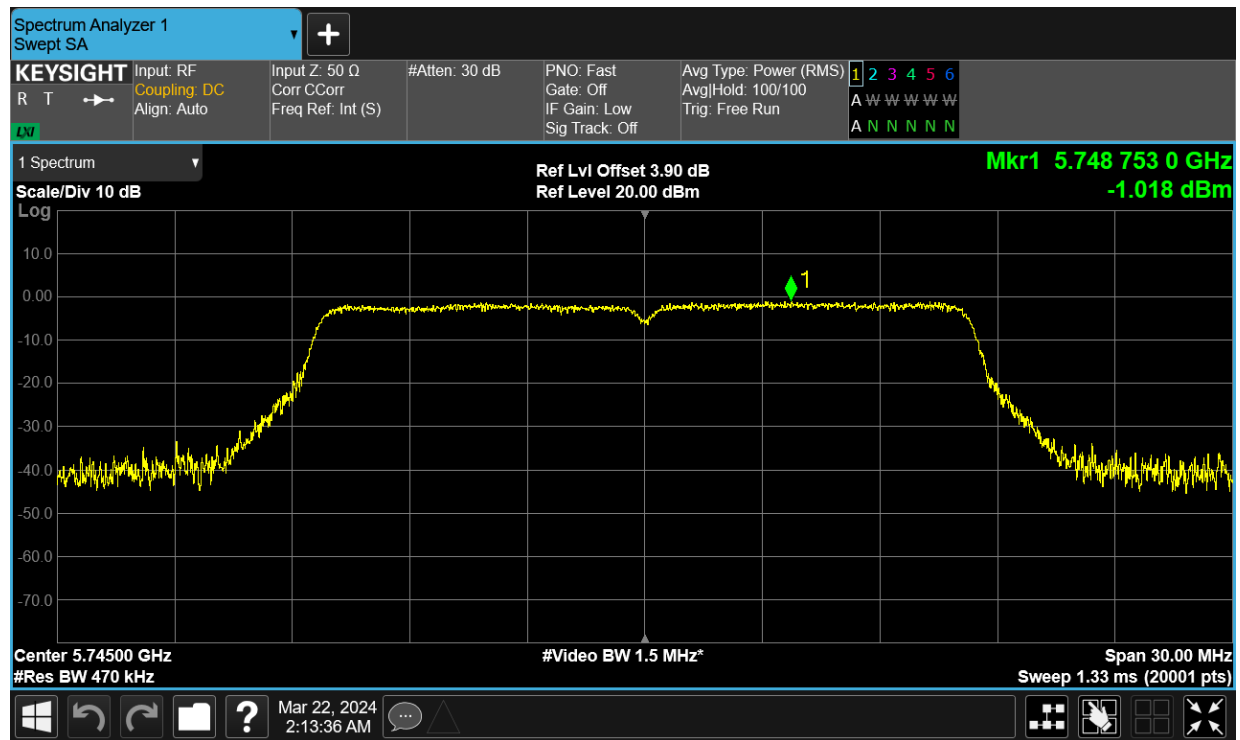


Maximum Power Spectral Density Level

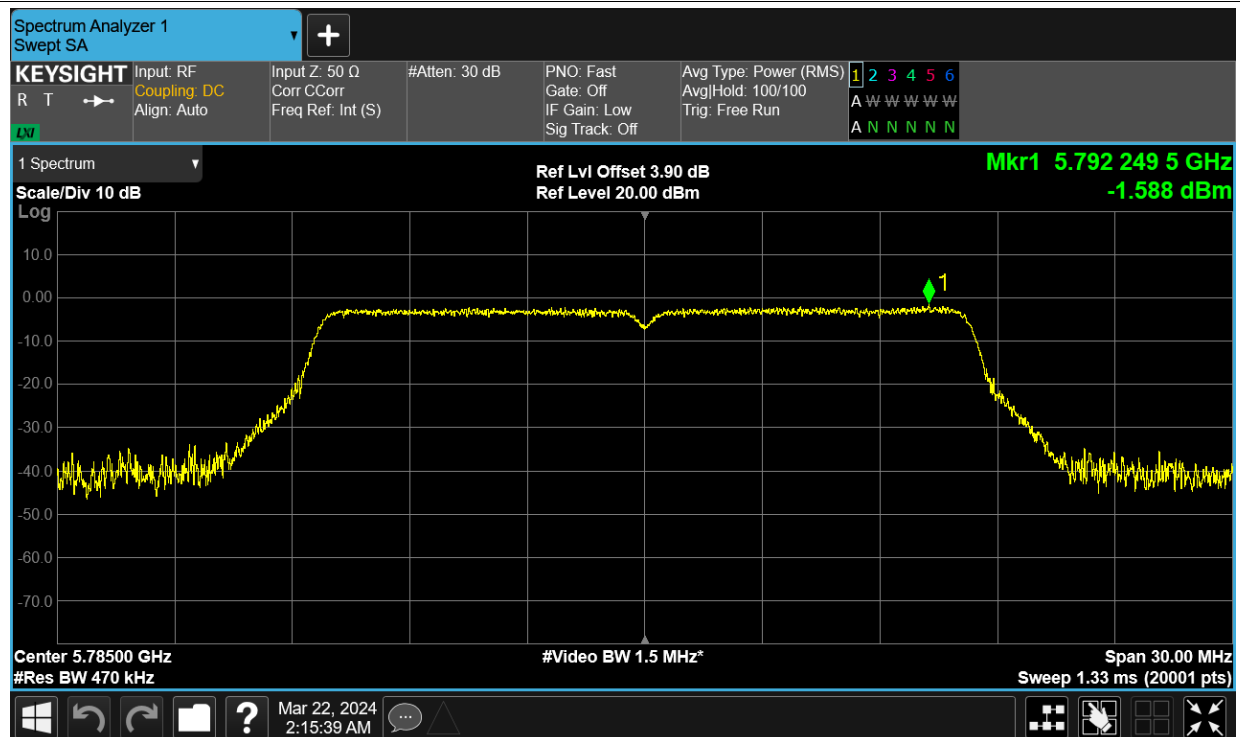
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant4	-1.018	30	Pass
NVNT	a	5785	Ant4	-1.588	30	Pass
NVNT	a	5825	Ant4	-2.651	30	Pass
NVNT	ac20	5745	Ant4	-2.886	30	Pass
NVNT	ac20	5785	Ant4	-3.594	30	Pass
NVNT	ac20	5825	Ant4	-3.553	30	Pass
NVNT	ac40	5755	Ant4	-5.831	30	Pass
NVNT	ac40	5795	Ant4	-7.063	30	Pass
NVNT	ac80	5775	Ant4	-10.521	30	Pass
NVNT	n20	5745	Ant4	-1.242	30	Pass
NVNT	n20	5785	Ant4	-1.76	30	Pass
NVNT	n20	5825	Ant4	-2.949	30	Pass
NVNT	n40	5755	Ant4	-4.044	30	Pass
NVNT	n40	5795	Ant4	-5.601	30	Pass

Test Graphs

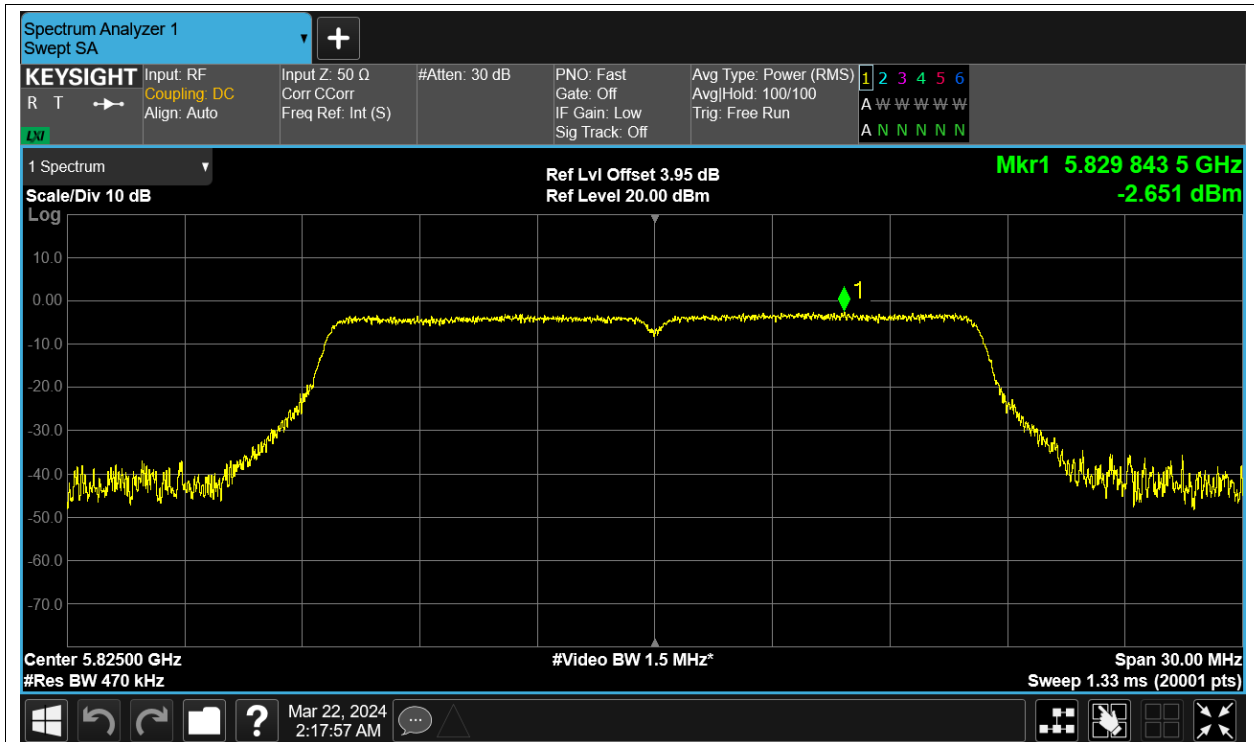
PSD NVNT a 5745MHz Ant4



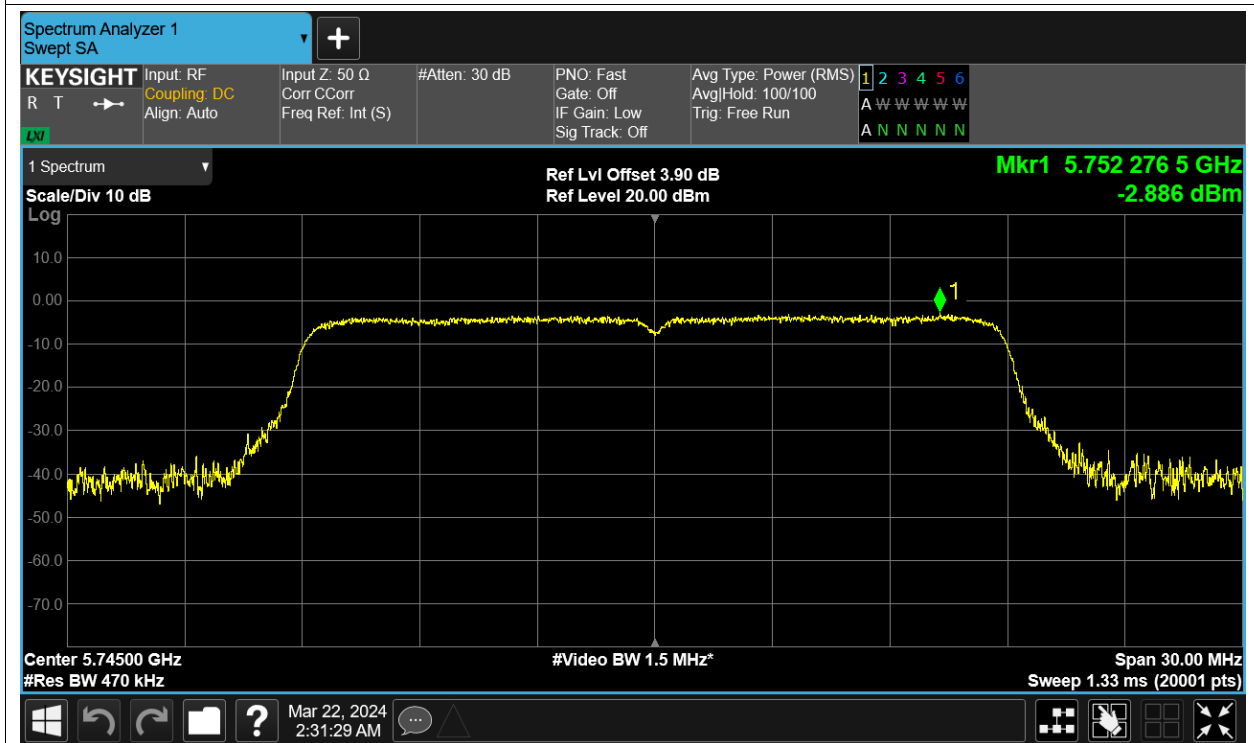
PSD NVNT a 5785MHz Ant4



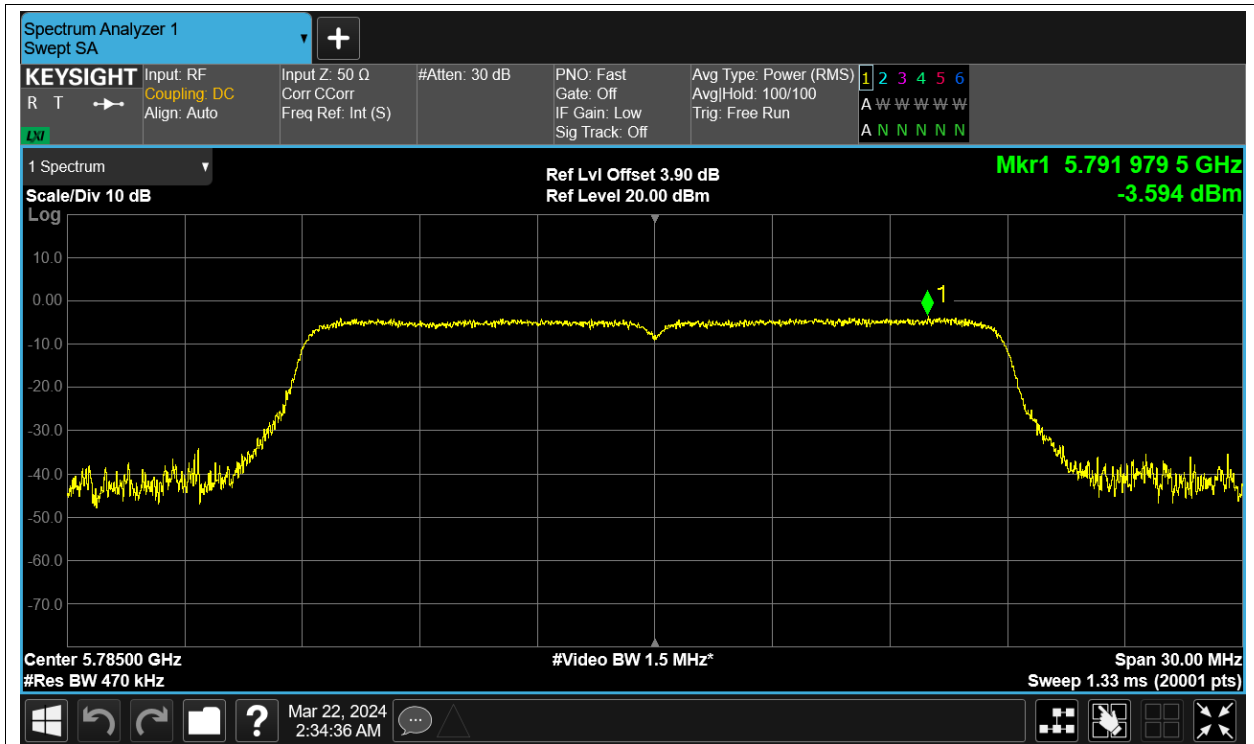
PSD NVNT a 5825MHz Ant4



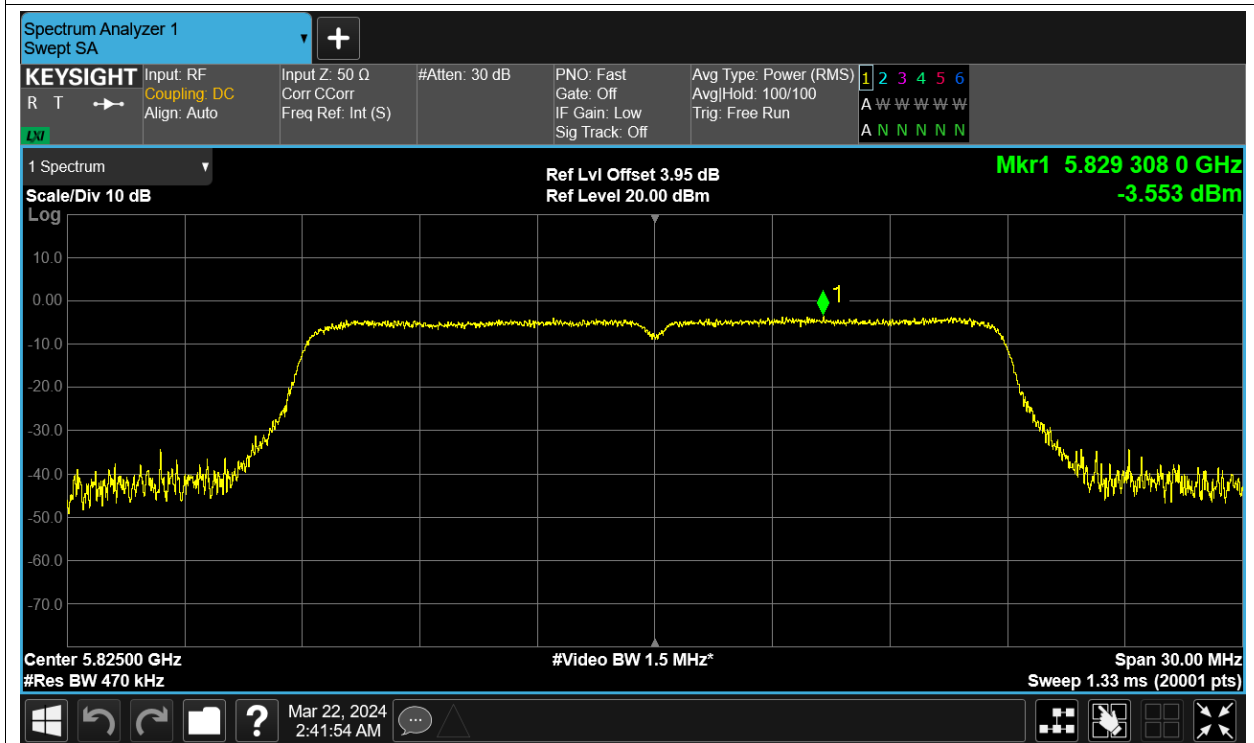
PSD NVNT ac20 5745MHz Ant4



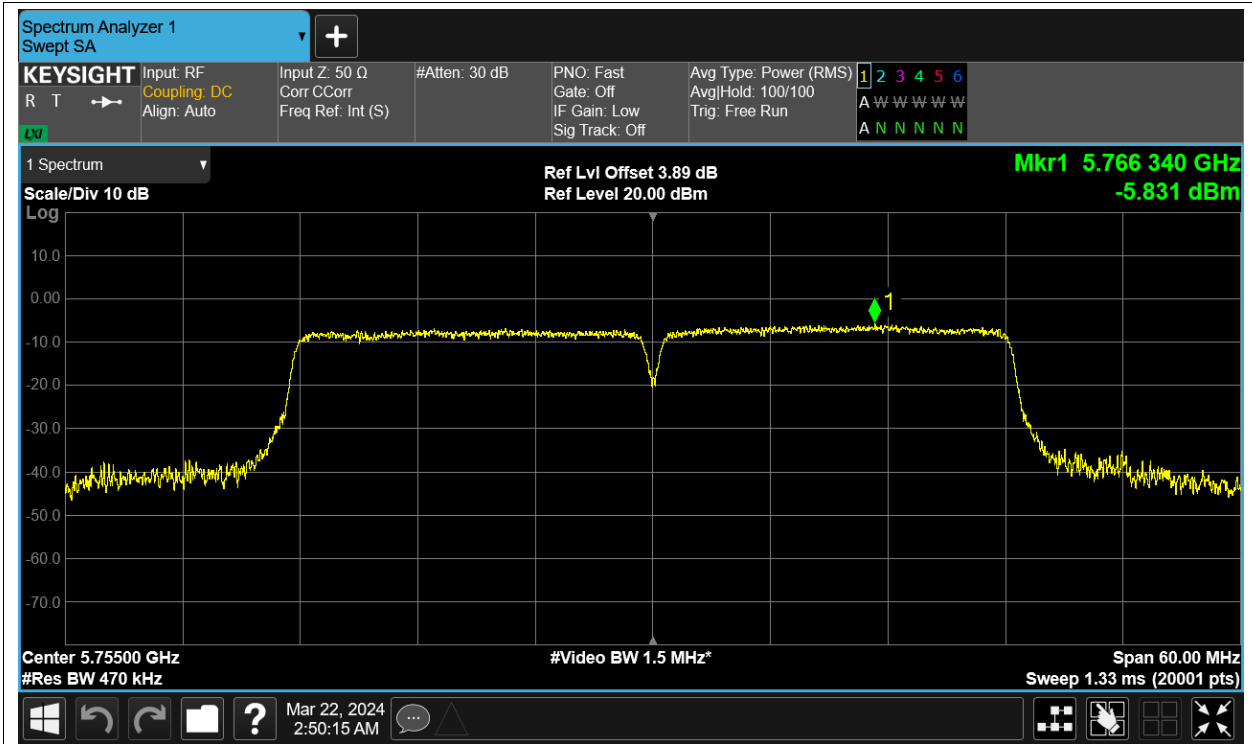
PSD NVNT ac20 5785MHz Ant4



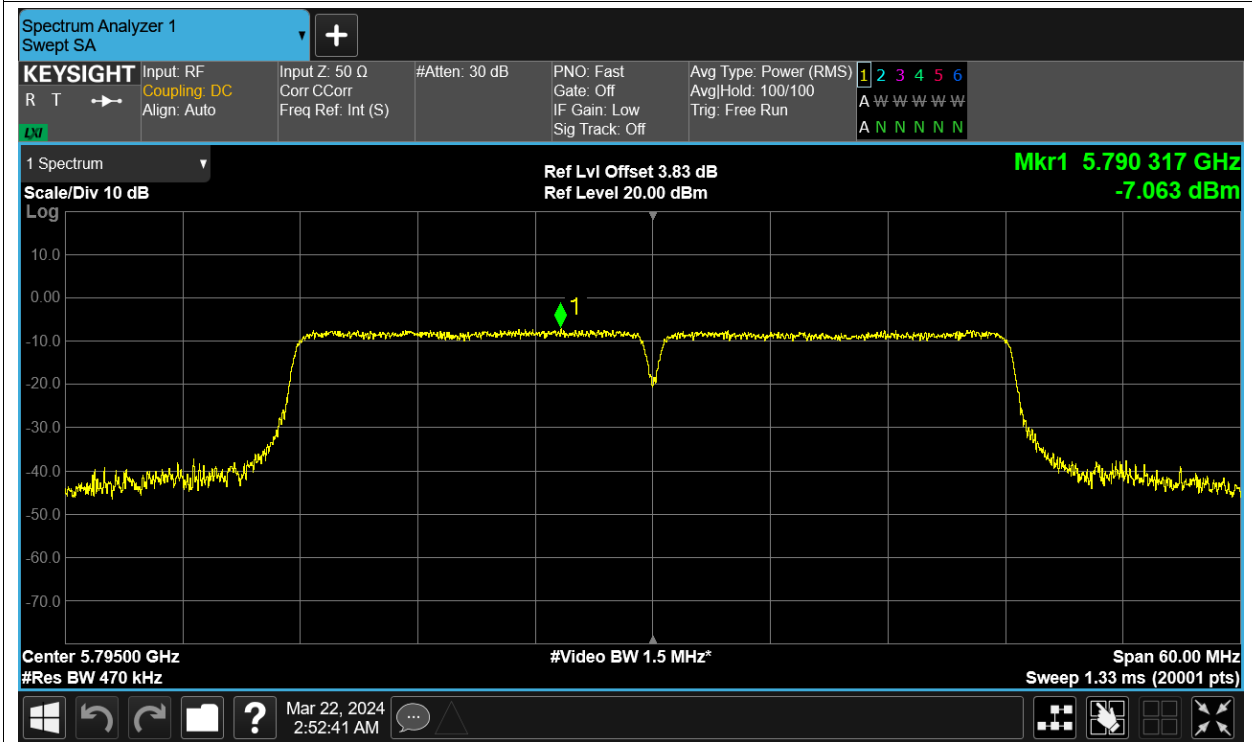
PSD NVNT ac20 5825MHz Ant4



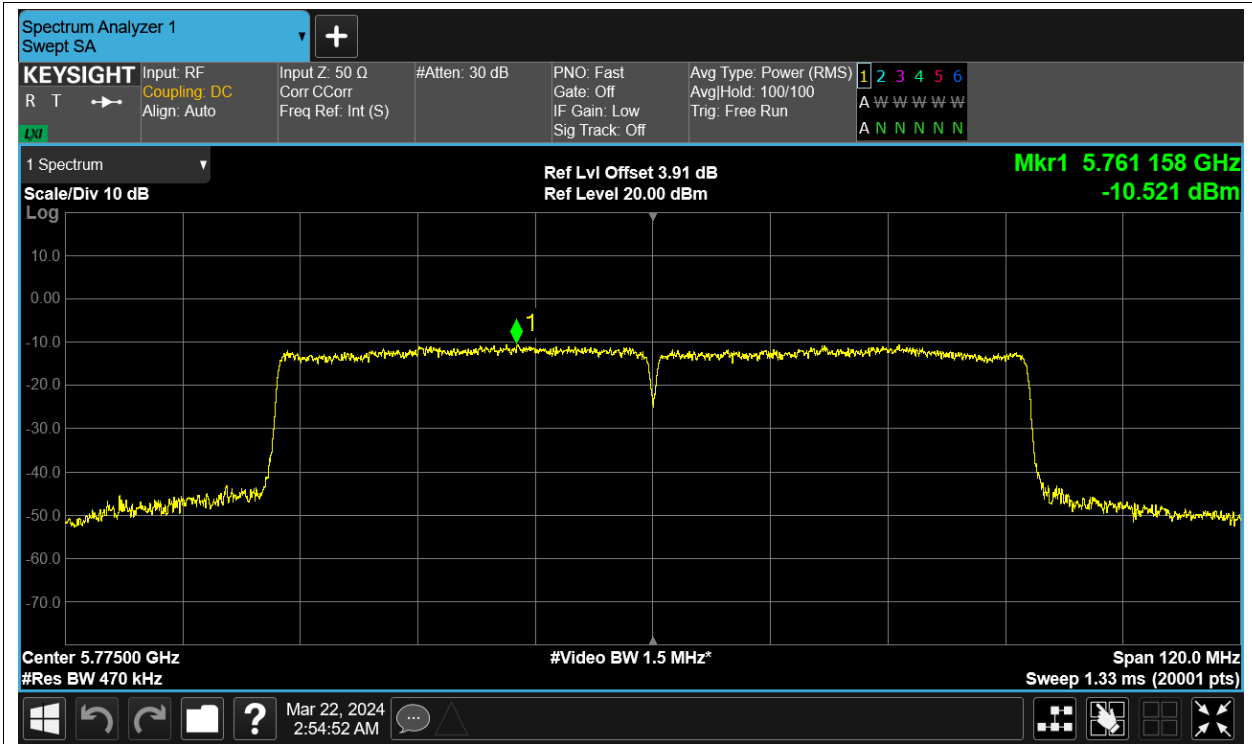
PSD NVNT ac40 5755MHz Ant4



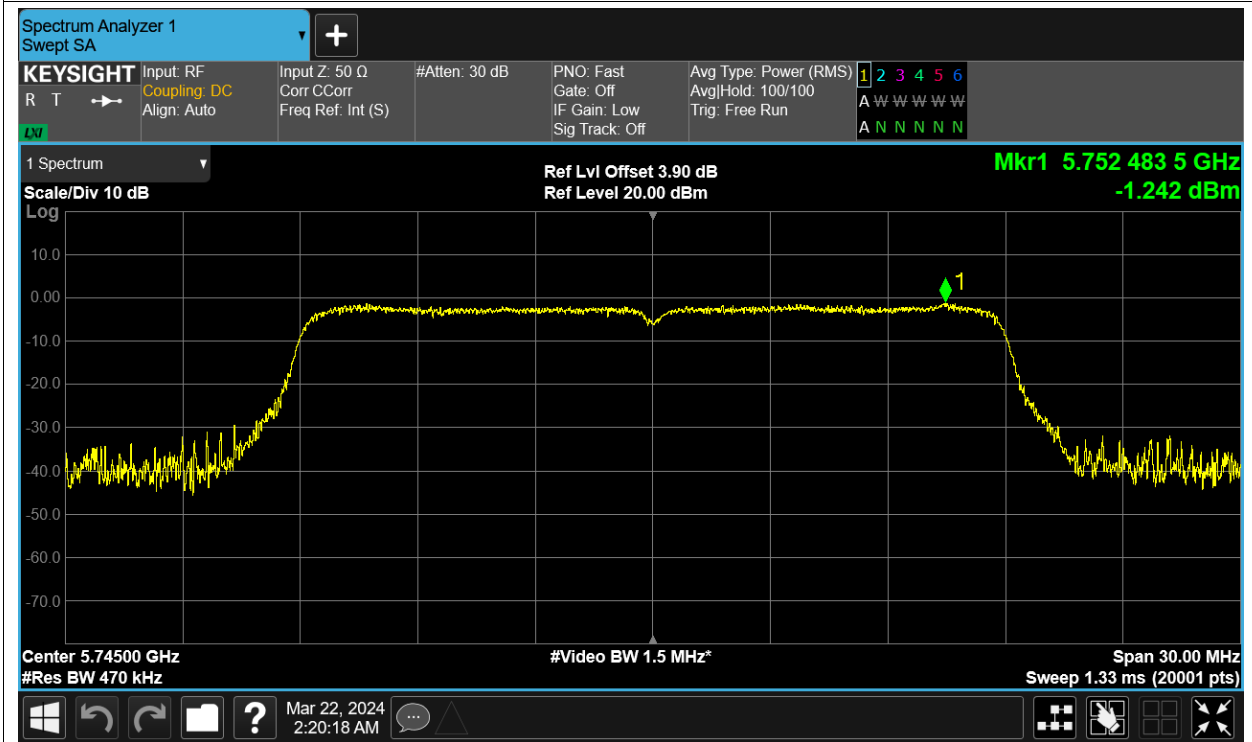
PSD NVNT ac40 5795MHz Ant4



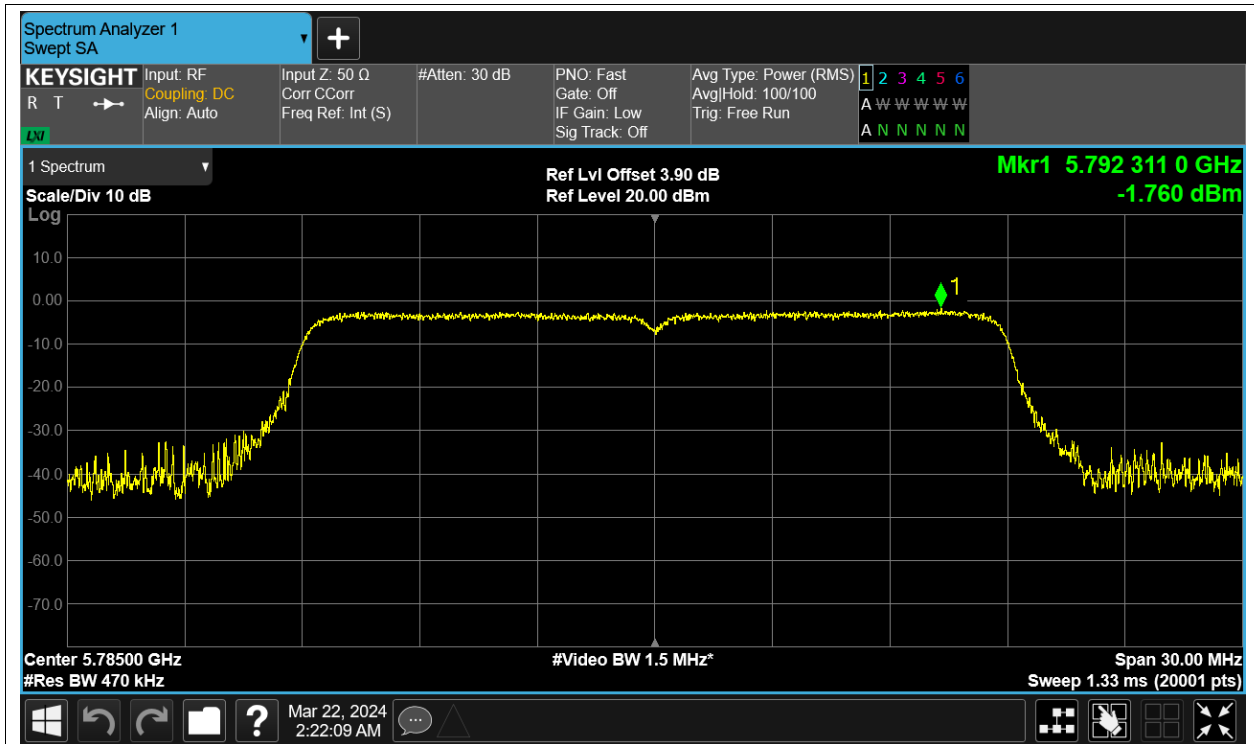
PSD NVNT ac80 5775MHz Ant4



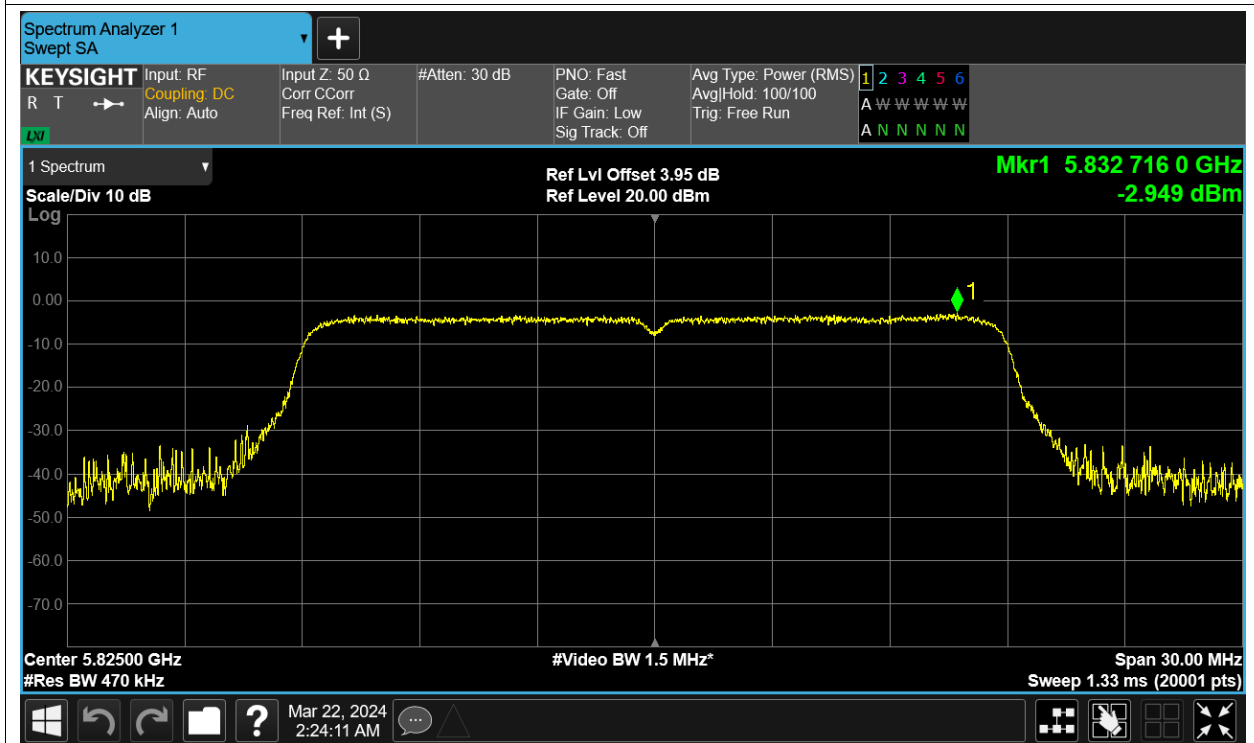
PSD NVNT n20 5745MHz Ant4



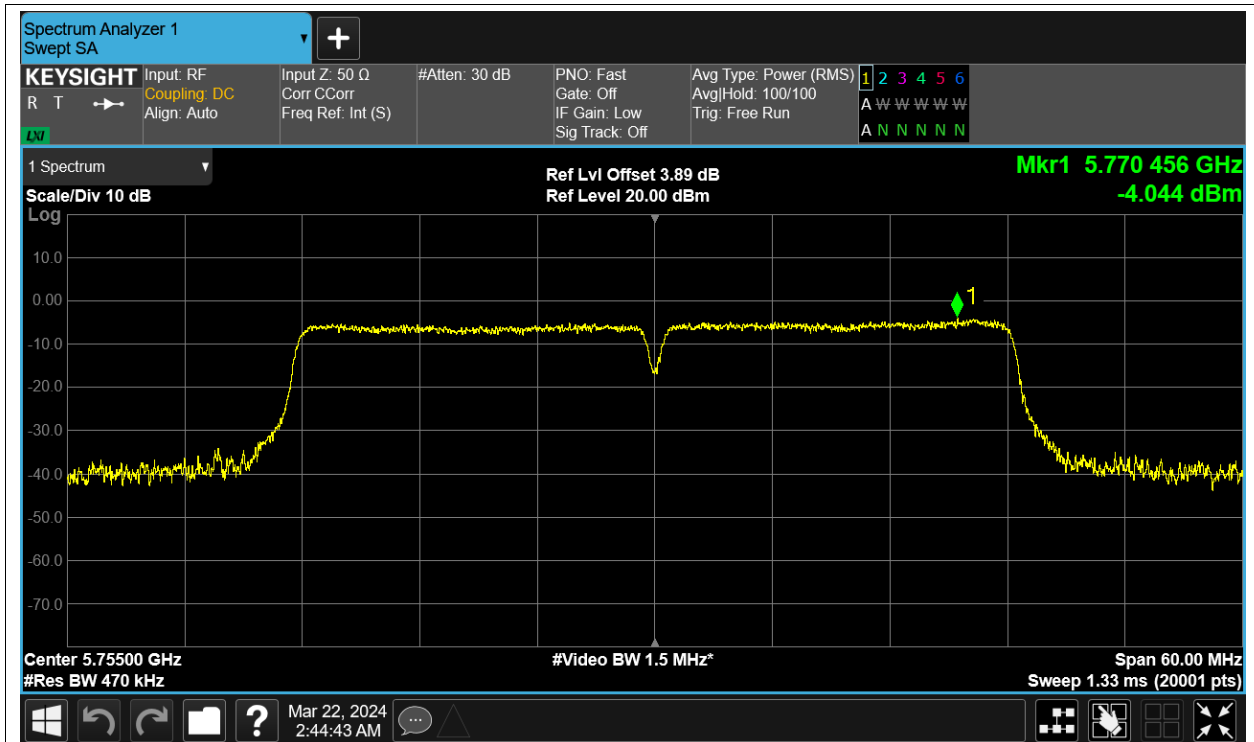
PSD NVNT n20 5785MHz Ant4



PSD NVNT n20 5825MHz Ant4



PSD NVNT n40 5755MHz Ant4



PSD NVNT n40 5795MHz Ant4

