

Test Data

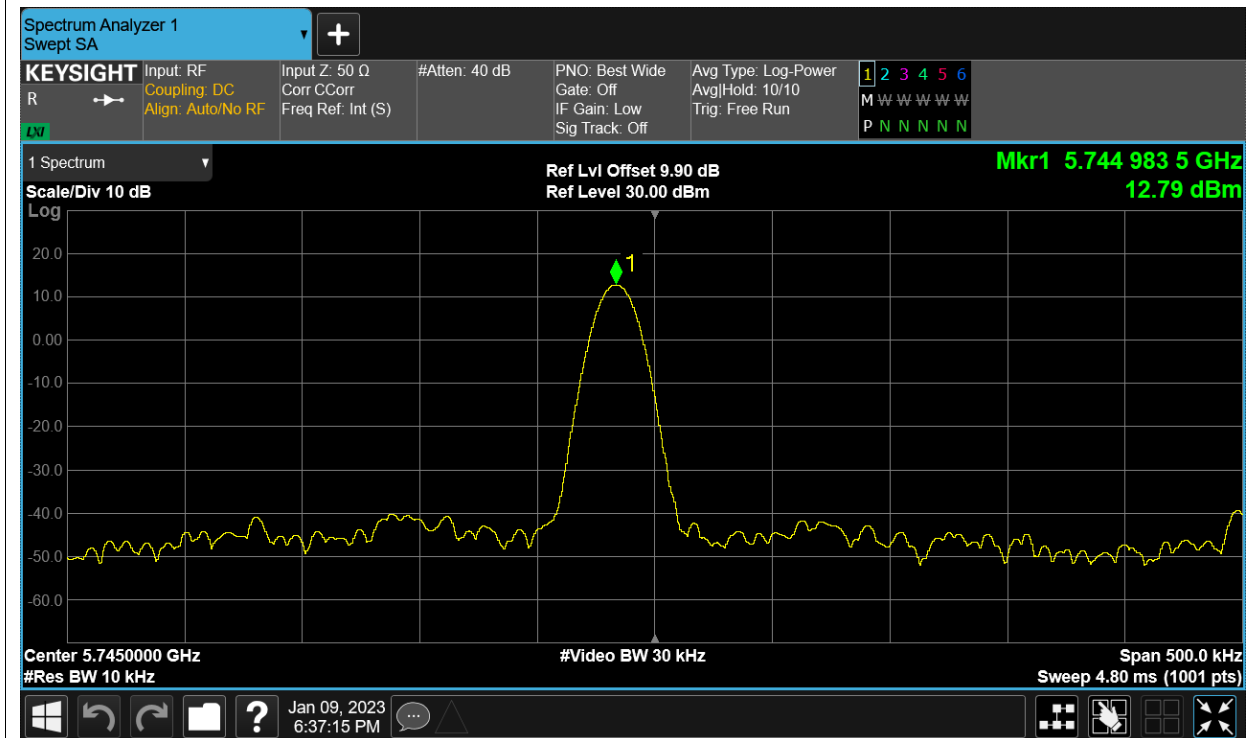
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant7	5744.9835	-2.87	Within authorized band	Pass
HVNT	a	5745	Ant6	5744.984	-2.79		Pass
LVNT	a	5745	Ant7	5744.9835	-2.87		Pass
LVNT	a	5745	Ant6	5744.984	-2.79		Pass
NVHT	a	5745	Ant7	5744.9835	-2.87		Pass
NVHT	a	5745	Ant6	5744.984	-2.79		Pass
NVLT	a	5745	Ant7	5744.9835	-2.87		Pass
NVLT	a	5745	Ant6	5744.9845	-2.7		Pass
NVNT	a	5745	Ant7	5744.9835	-2.87		Pass
NVNT	a	5745	Ant6	5744.9855	-2.52		Pass
HVNT	ac20	5745	Sum	5744.9845	-2.7		Pass
LVNT	ac20	5745	Sum	5744.9845	-2.7		Pass
NVHT	ac20	5745	Sum	5744.985	-2.61		Pass
NVLT	ac20	5745	Sum	5744.986	-2.44		Pass
NVNT	ac20	5745	Sum	5744.984	-2.79		Pass
HVNT	ax20	5745	Sum	5744.985	-2.61		Pass
LVNT	ax20	5745	Sum	5744.985	-2.61		Pass
NVHT	ax20	5745	Sum	5744.9845	-2.7		Pass
NVLT	ax20	5745	Sum	5744.9865	-2.35		Pass
NVNT	ax20	5745	Sum	5744.988	-2.09		Pass
HVNT	ax40	5755	Sum	5754.985	-2.61		Pass
LVNT	ax40	5755	Sum	5754.985	-2.61		Pass
NVHT	ax40	5755	Sum	5754.986	-2.43		Pass
NVLT	ax40	5755	Sum	5754.9865	-2.35		Pass
NVNT	ax40	5755	Sum	5754.9885	-2		Pass
HVNT	ax80	5775	Sum	5774.9845	-2.68		Pass
LVNT	ax80	5775	Sum	5774.985	-2.6		Pass
NVHT	ax80	5775	Sum	5774.9855	-2.51		Pass
NVLT	ax80	5775	Sum	5774.9865	-2.34		Pass
NVNT	ax80	5775	Sum	5774.984	-2.77		Pass
HVNT	n20	5745	Sum	5744.9855	-2.52		Pass
LVNT	n20	5745	Sum	5744.986	-2.44		Pass
NVHT	n20	5745	Sum	5744.9865	-2.35		Pass
NVLT	n20	5745	Sum	5744.988	-2.09		Pass
NVNT	n20	5745	Sum	5744.99	-1.74		Pass
HVNT	n40	5755	Sum	5754.9865	-2.35		Pass
LVNT	n40	5755	Sum	5754.987	-2.26		Pass
NVHT	n40	5755	Sum	5754.9875	-2.17		Pass
NVLT	n40	5755	Sum	5754.9885	-2		Pass

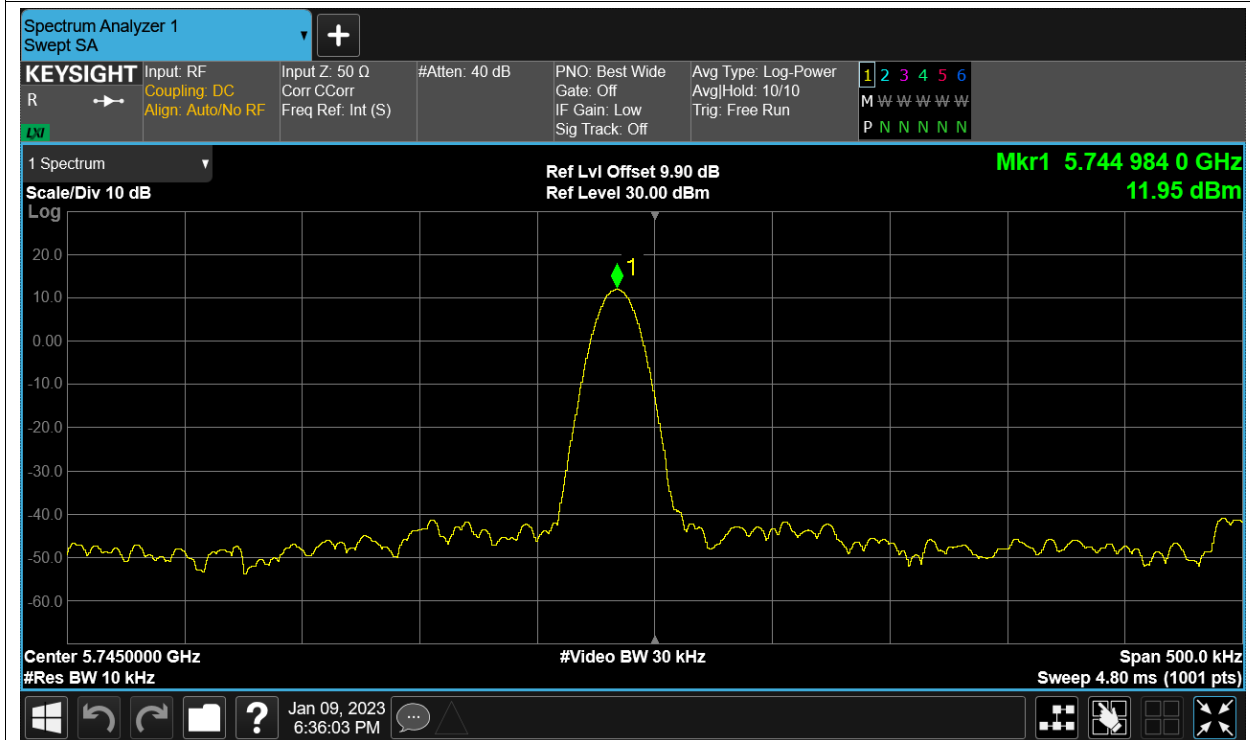
NVNT	n40	5755	Sum	5754.9905	-1.65		Pass
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.							

Test Graphs

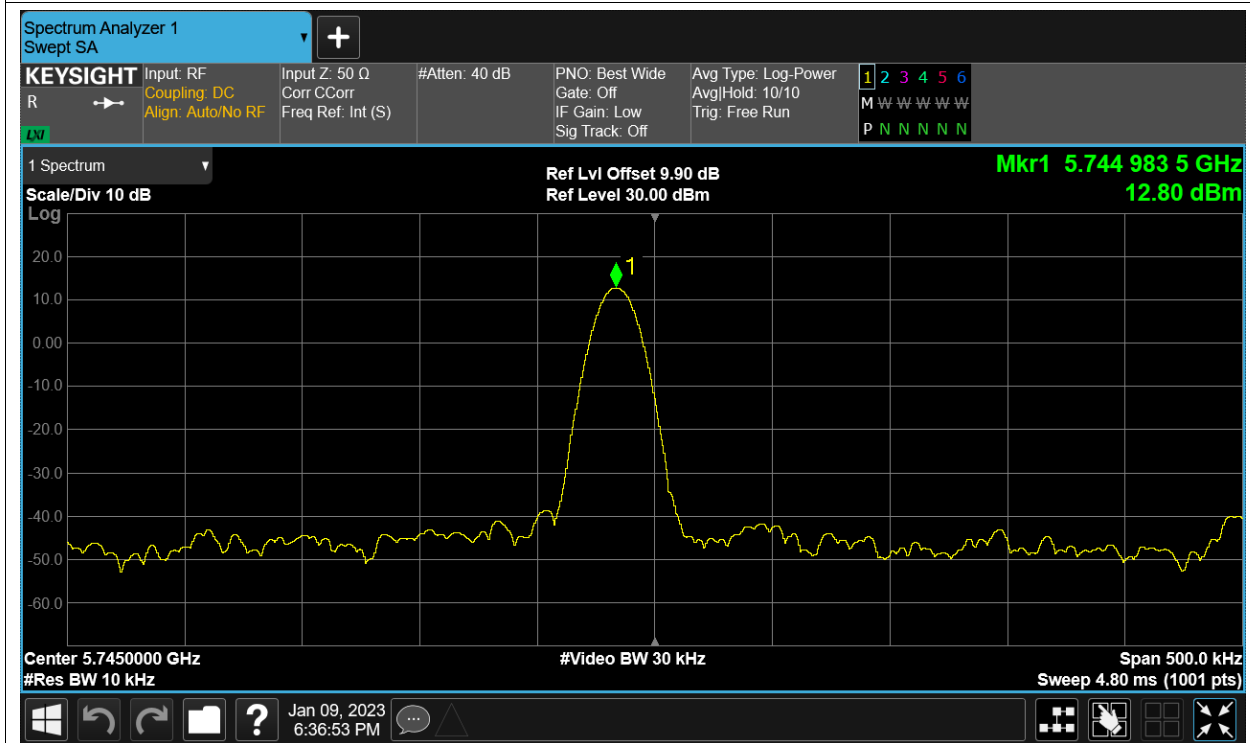
Freq. Stability HVNT a 5745MHz Ant7



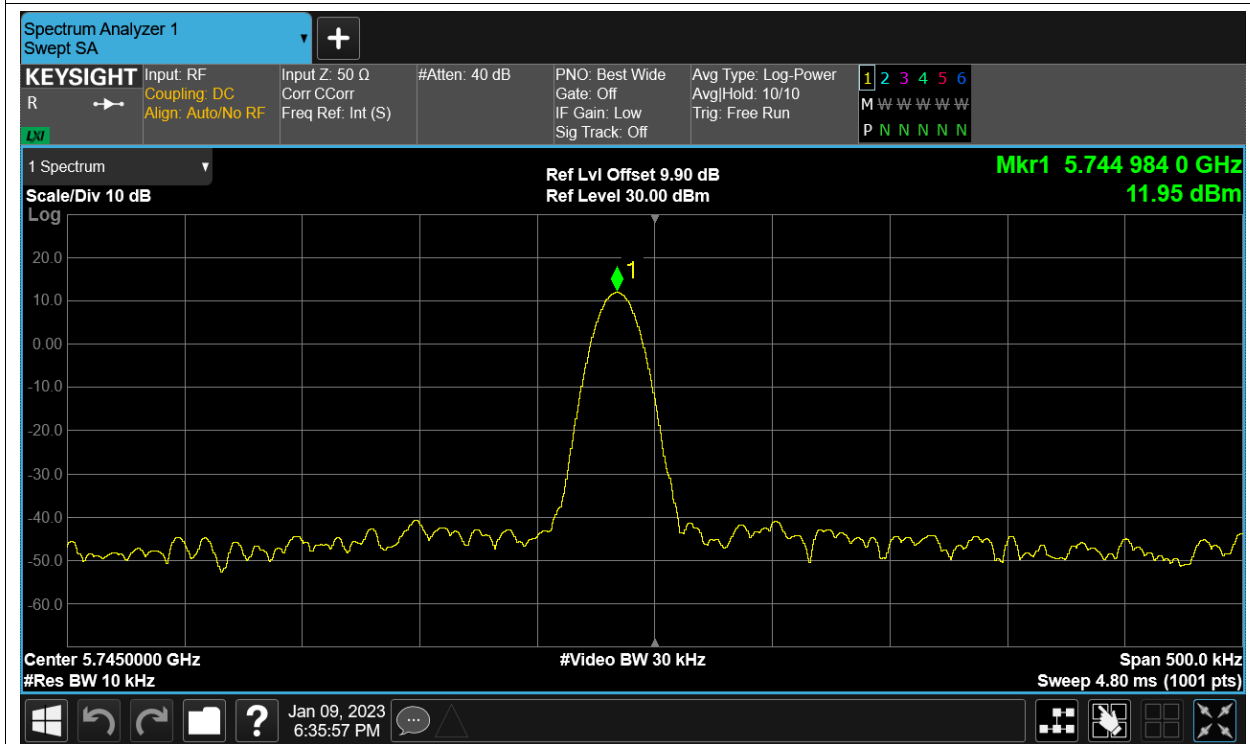
Freq. Stability HVNT a 5745MHz Ant6

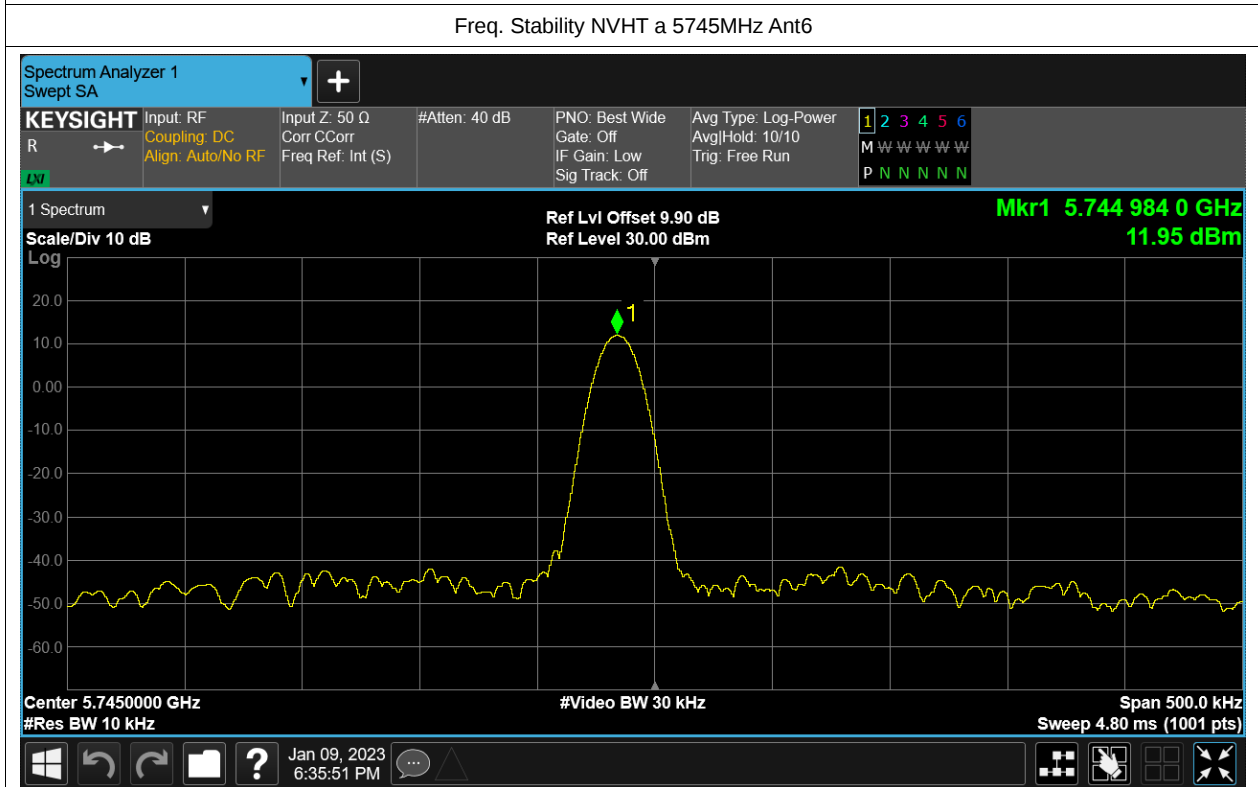
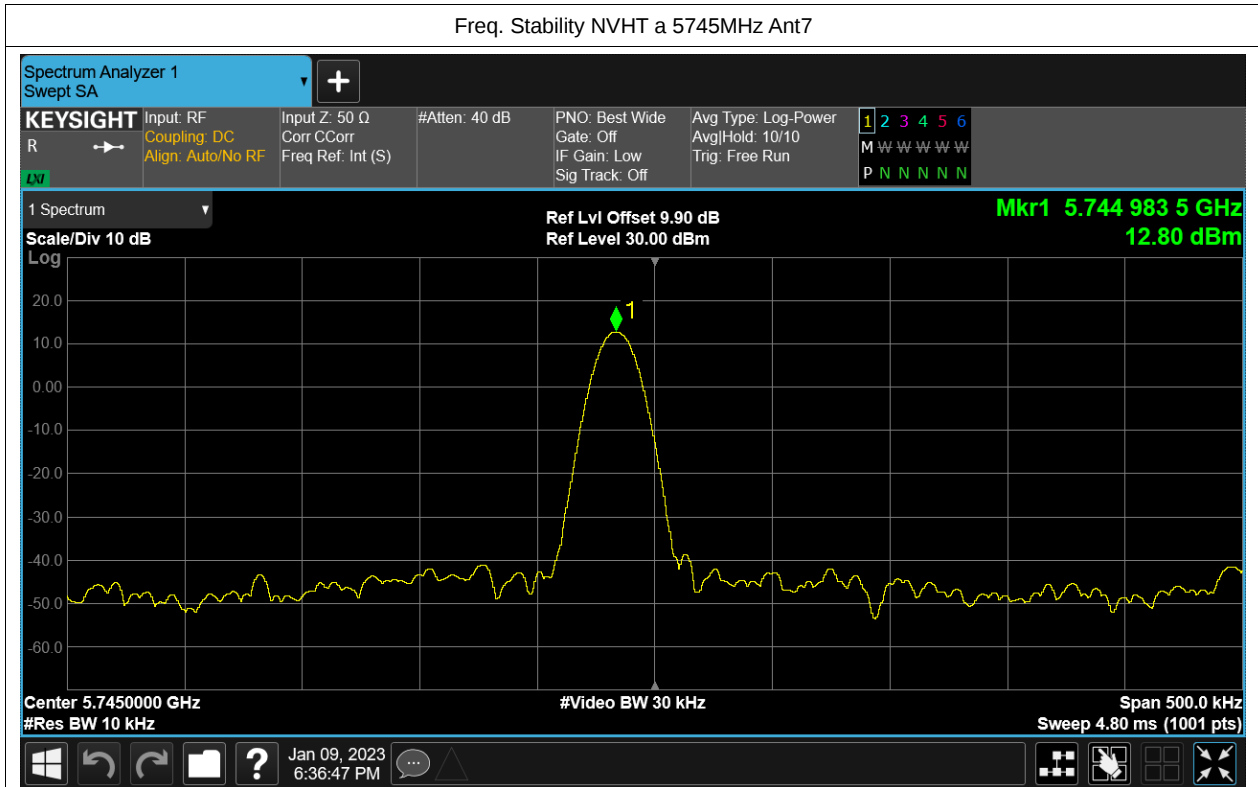


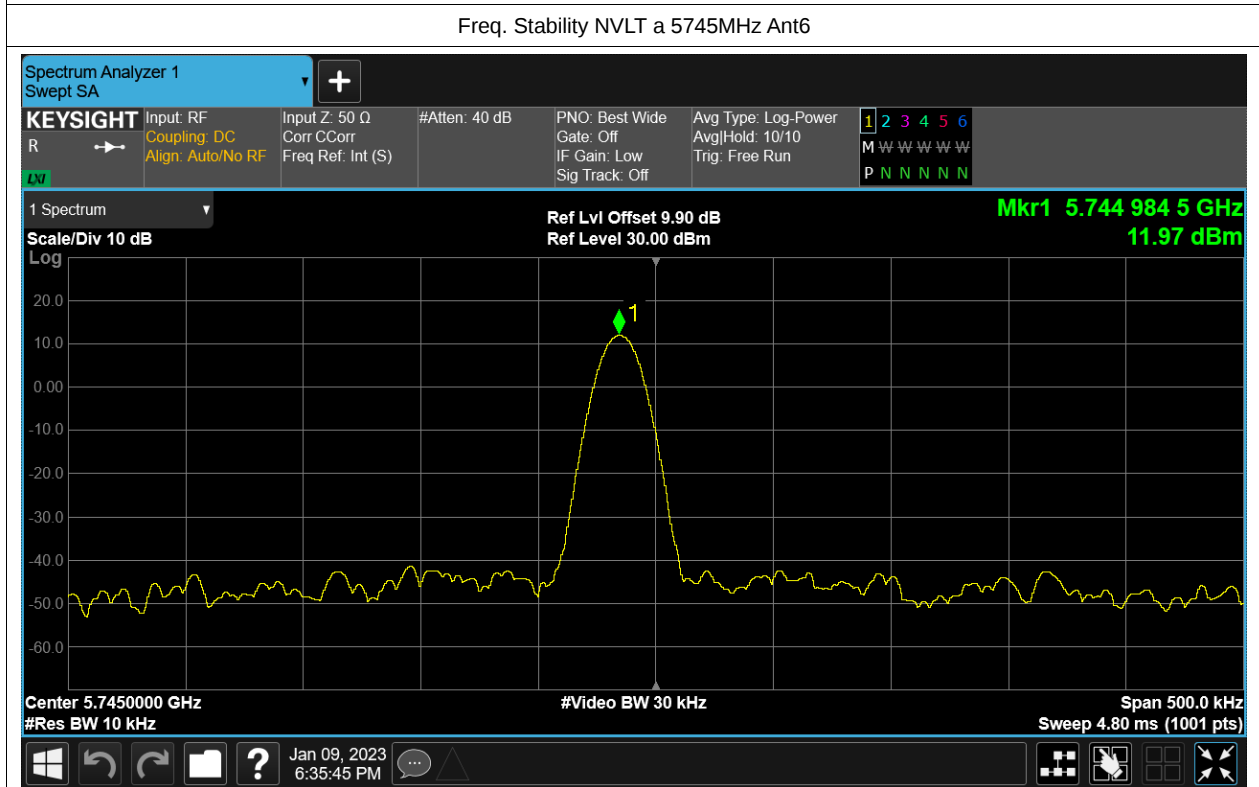
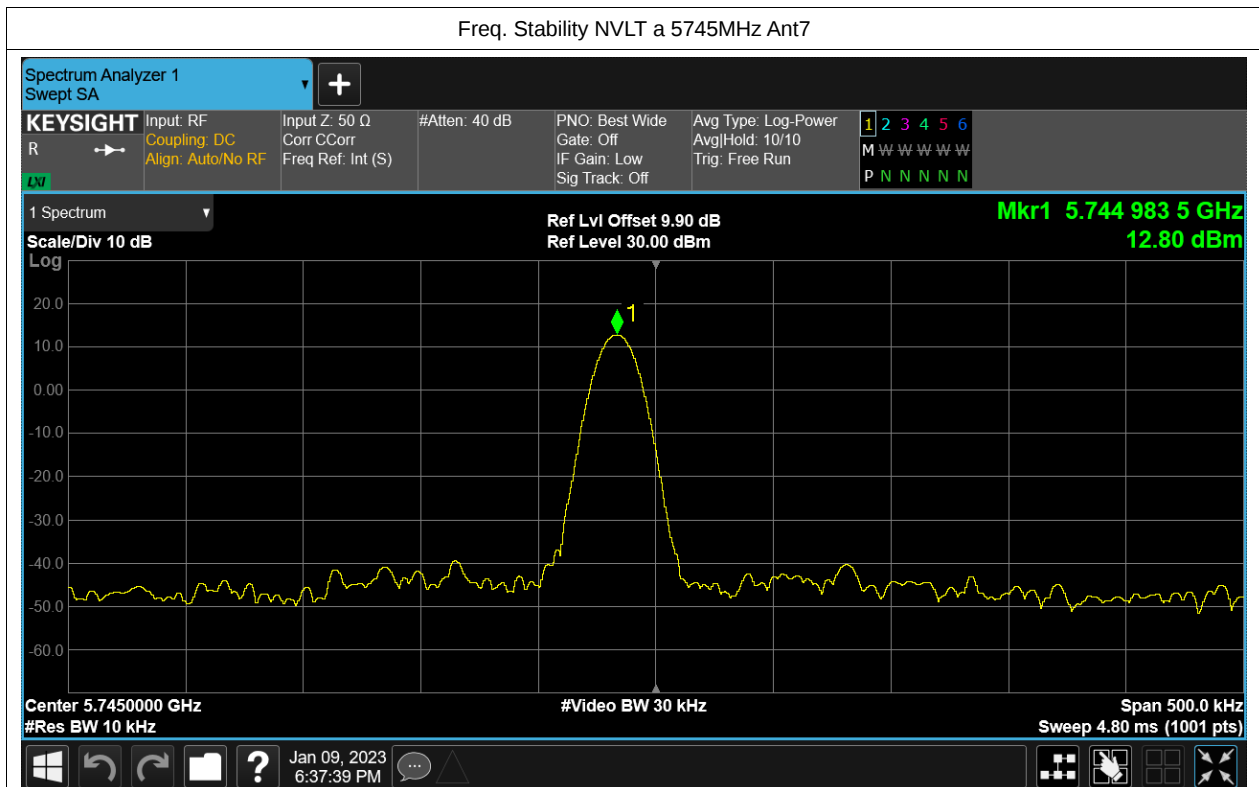
Freq. Stability LVNT a 5745MHz Ant7



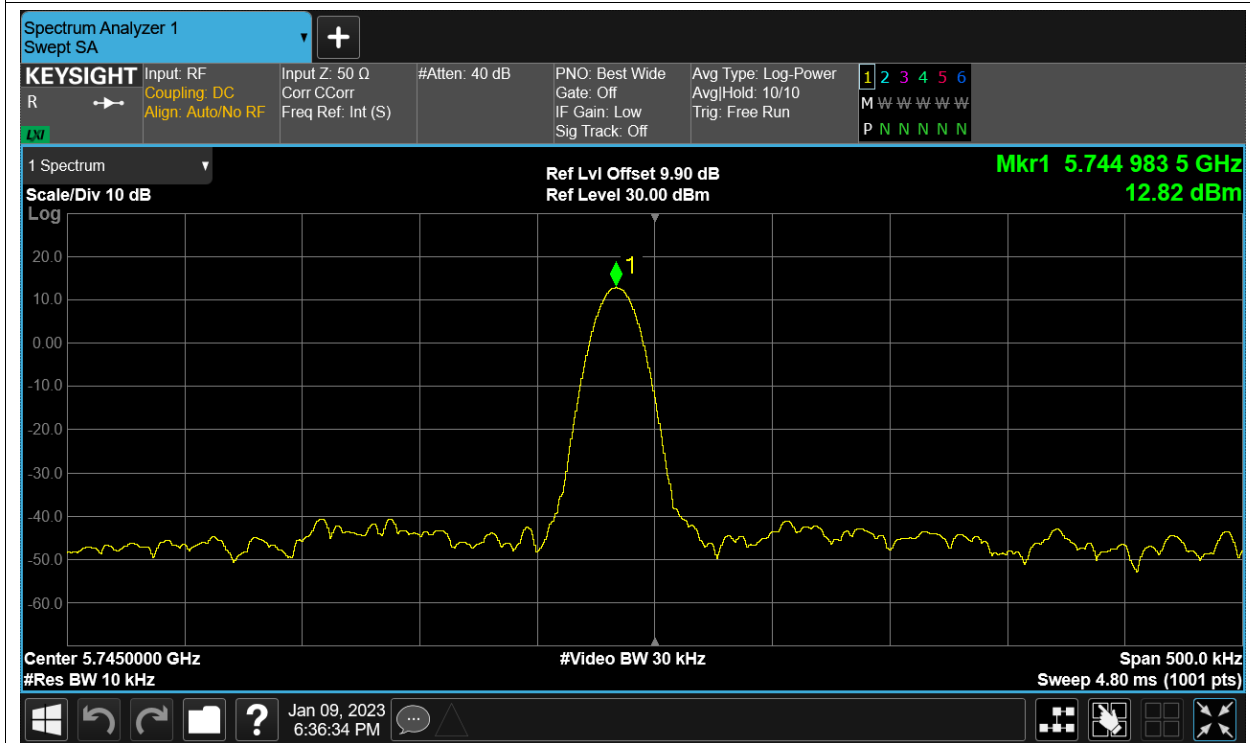
Freq. Stability LVNT a 5745MHz Ant6



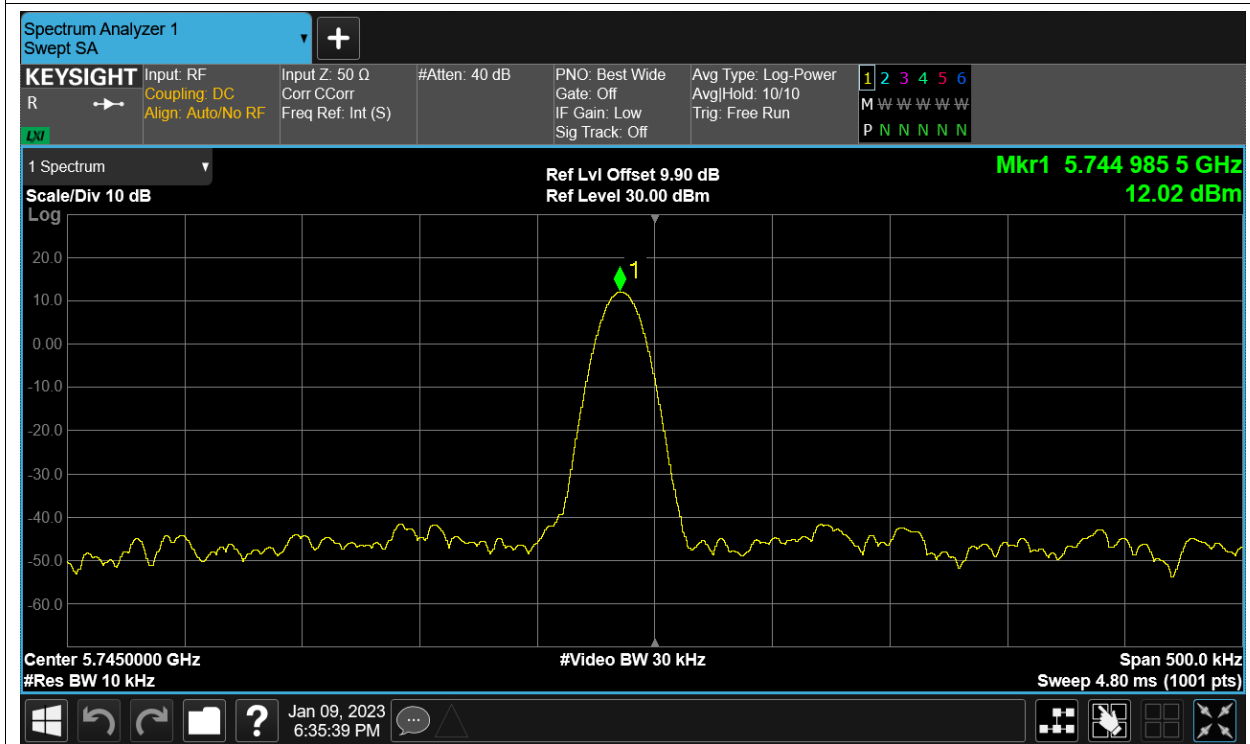


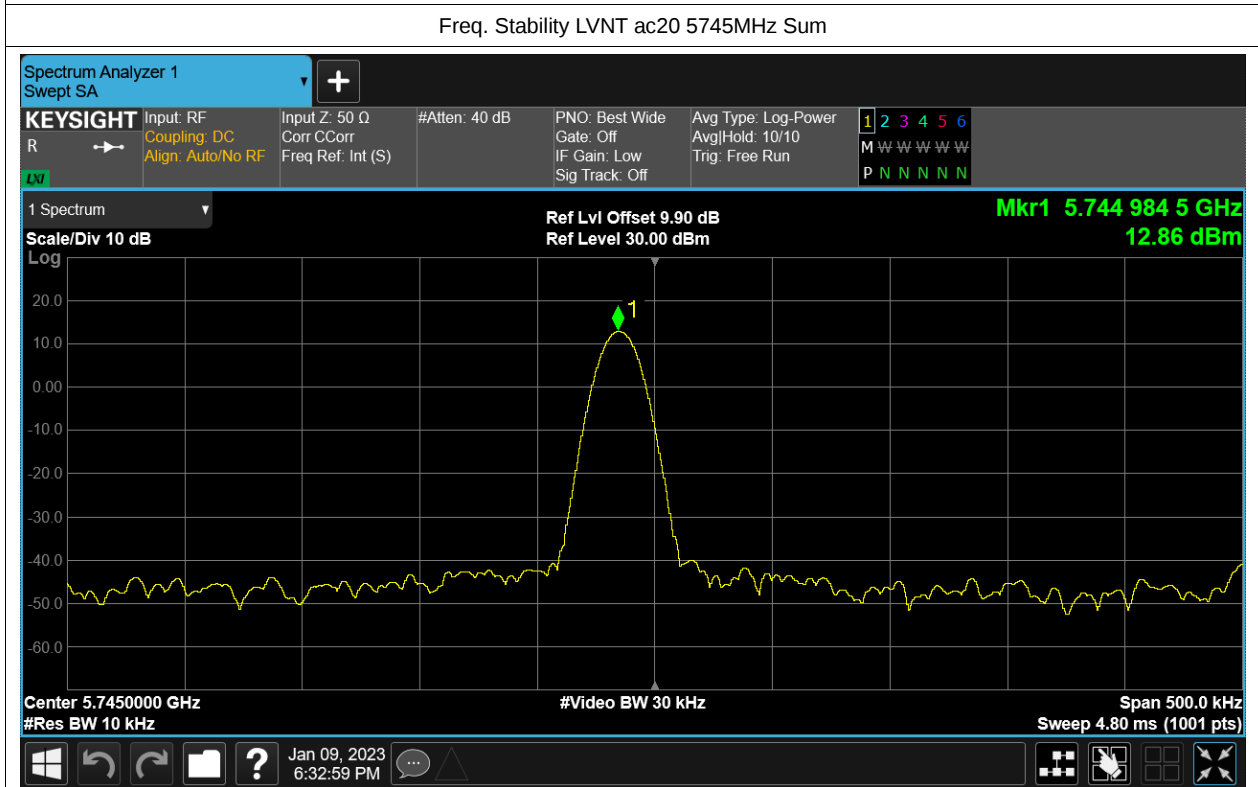
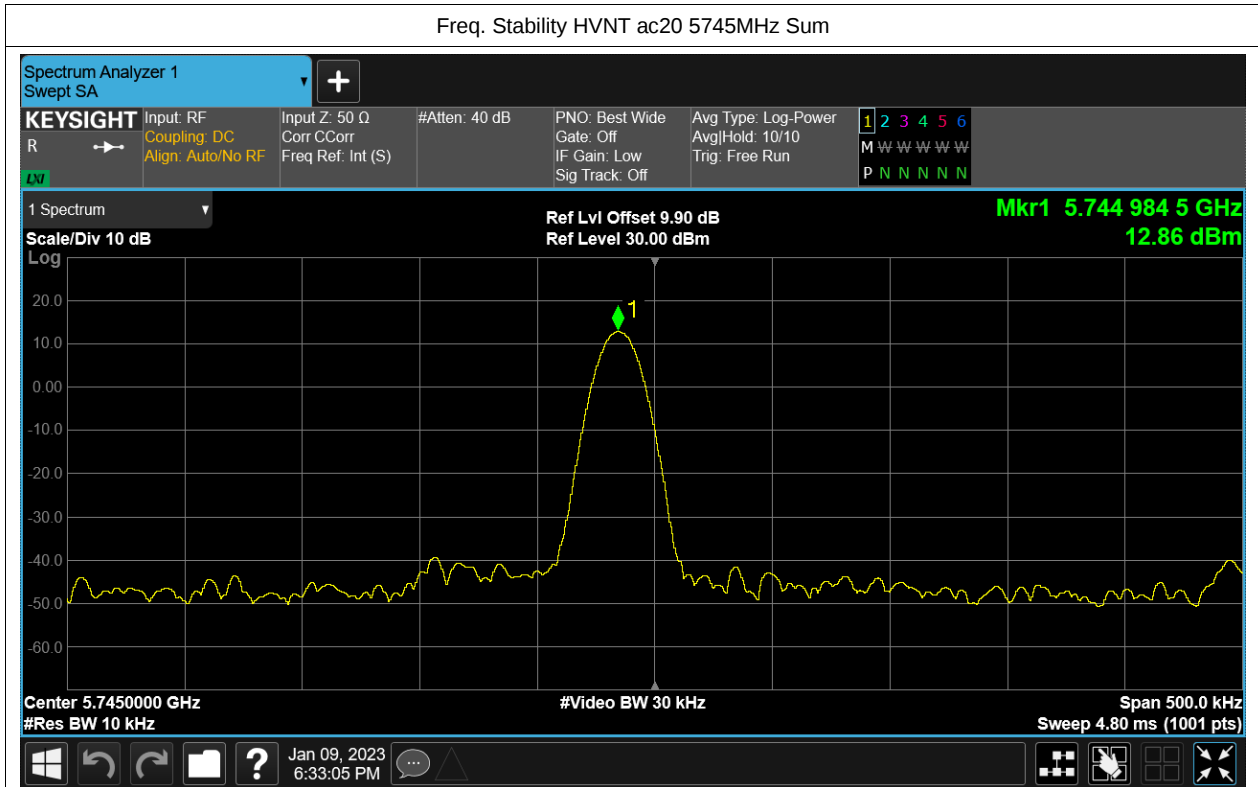


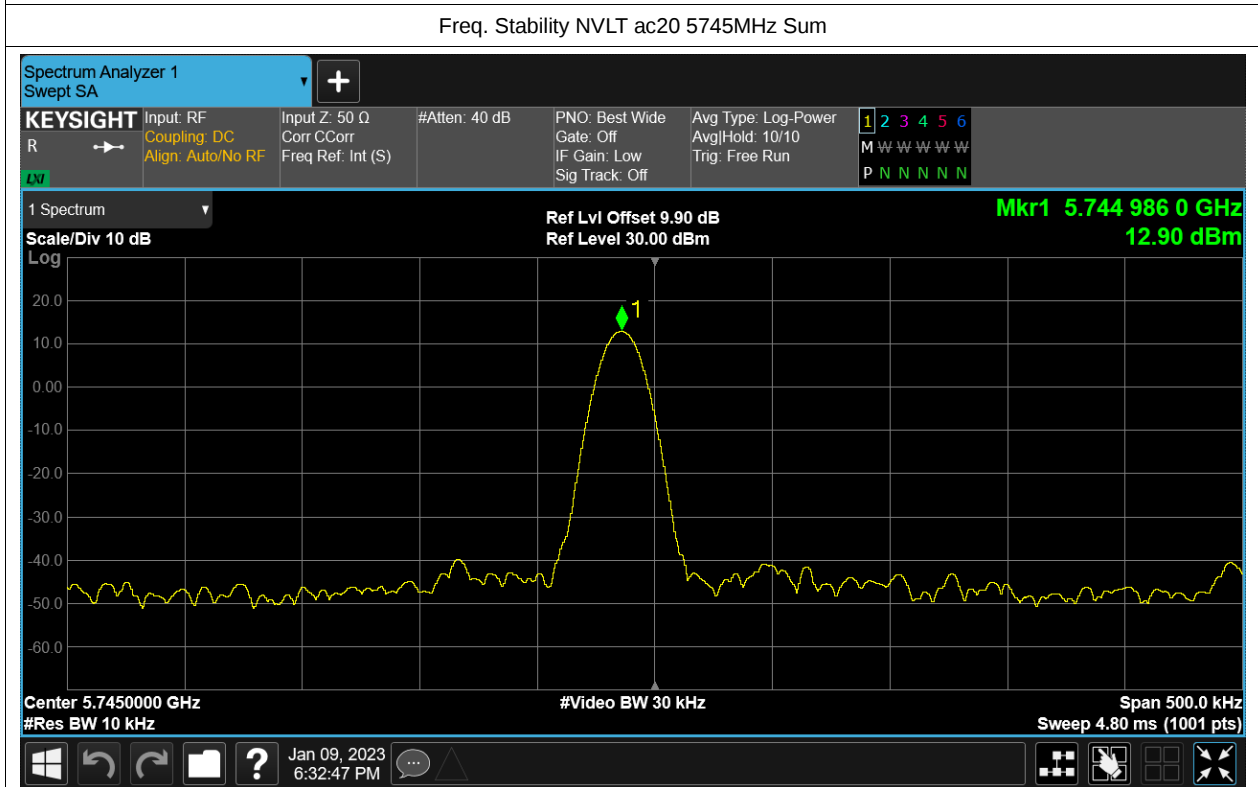
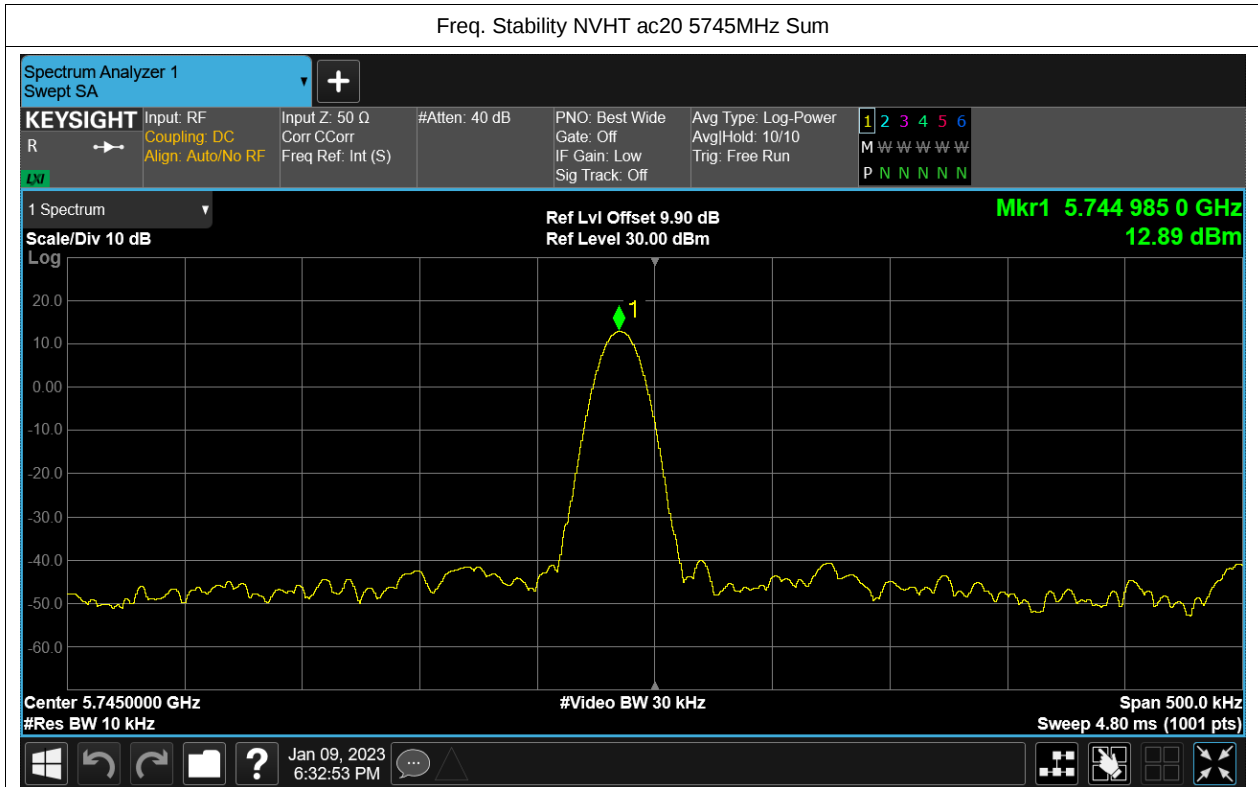
Freq. Stability NVNT a 5745MHz Ant7

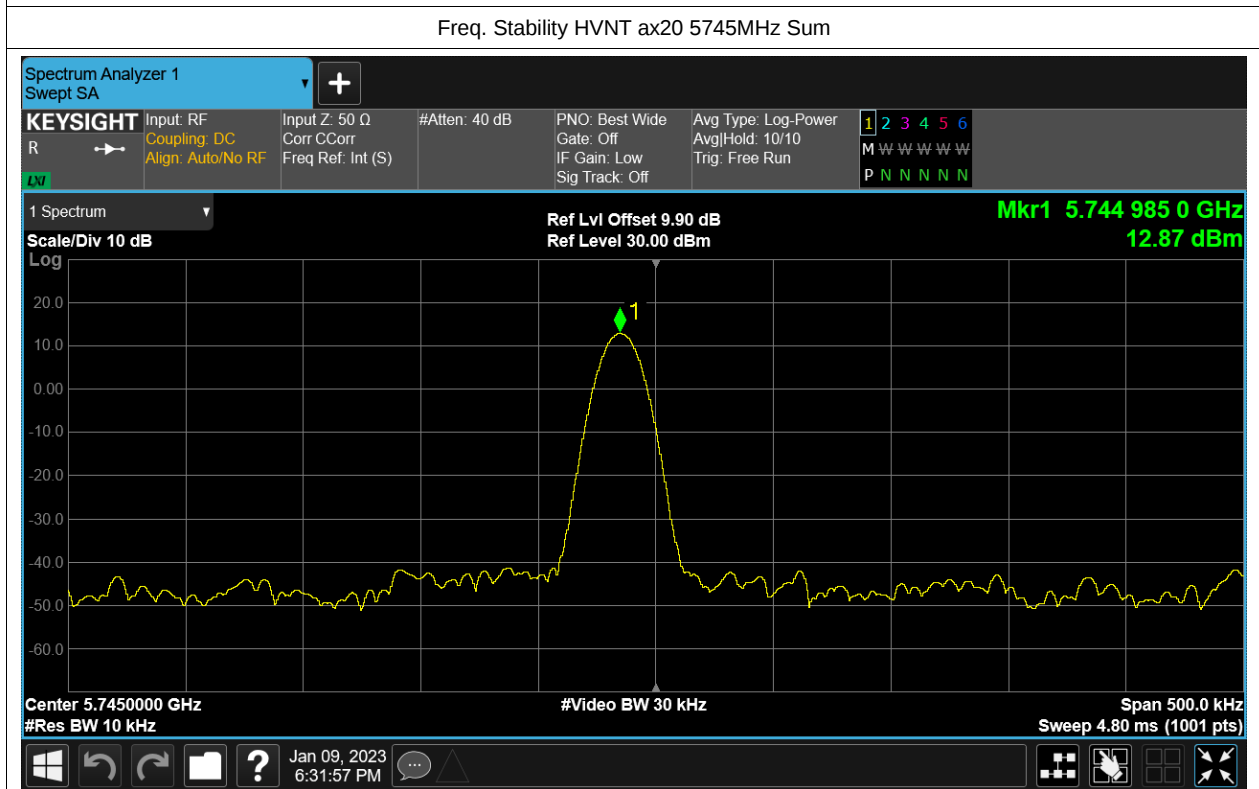
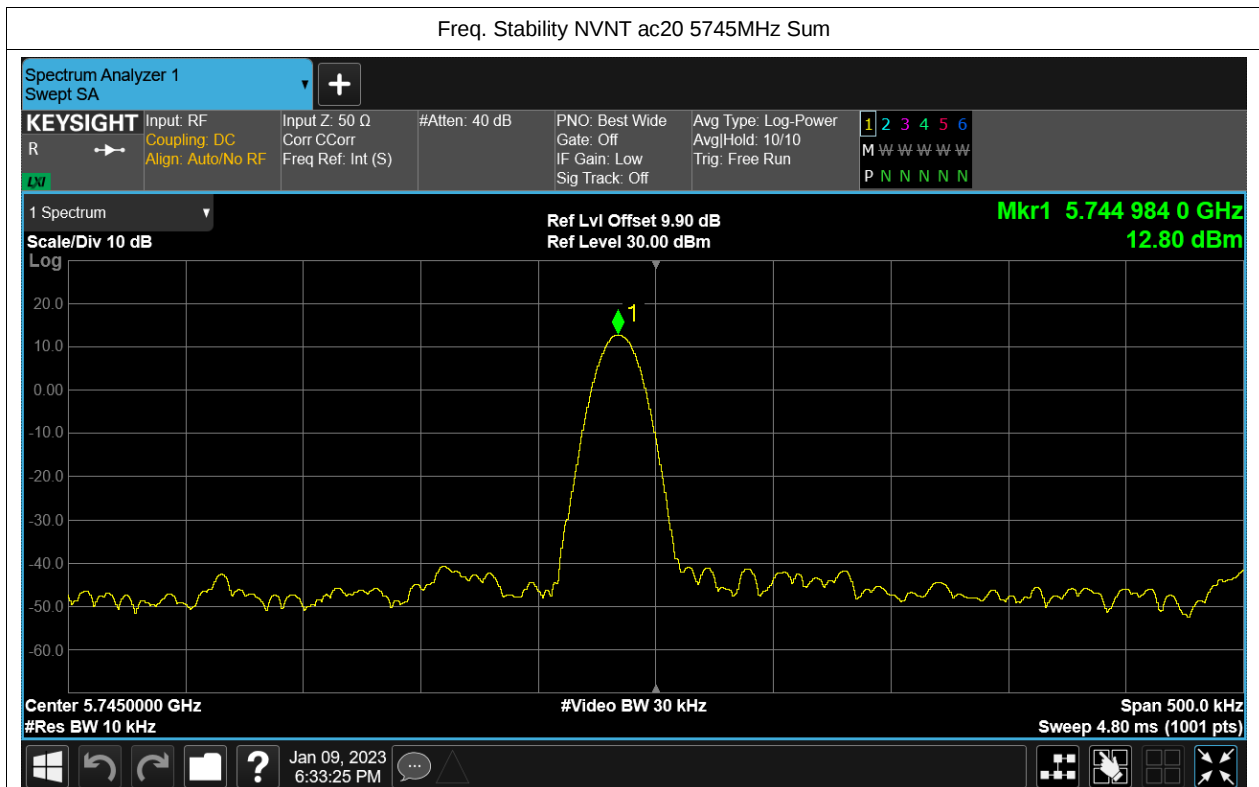


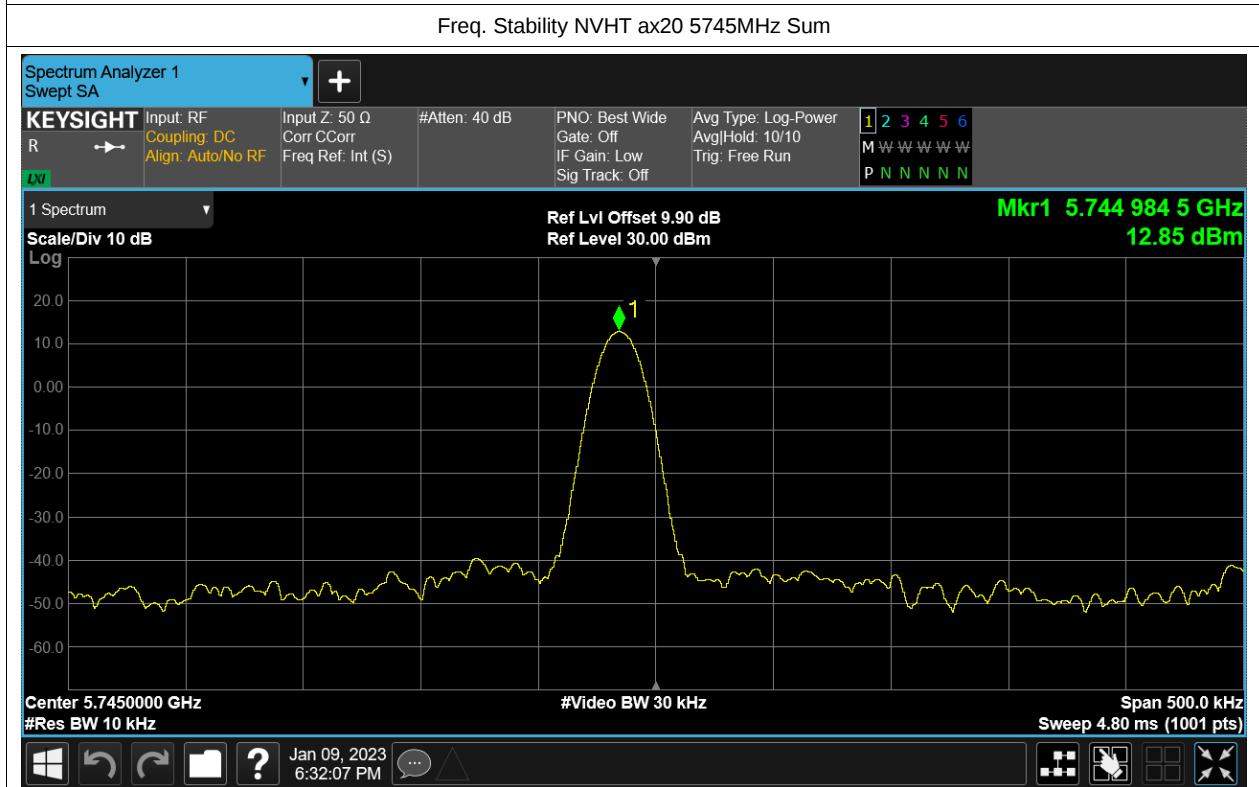
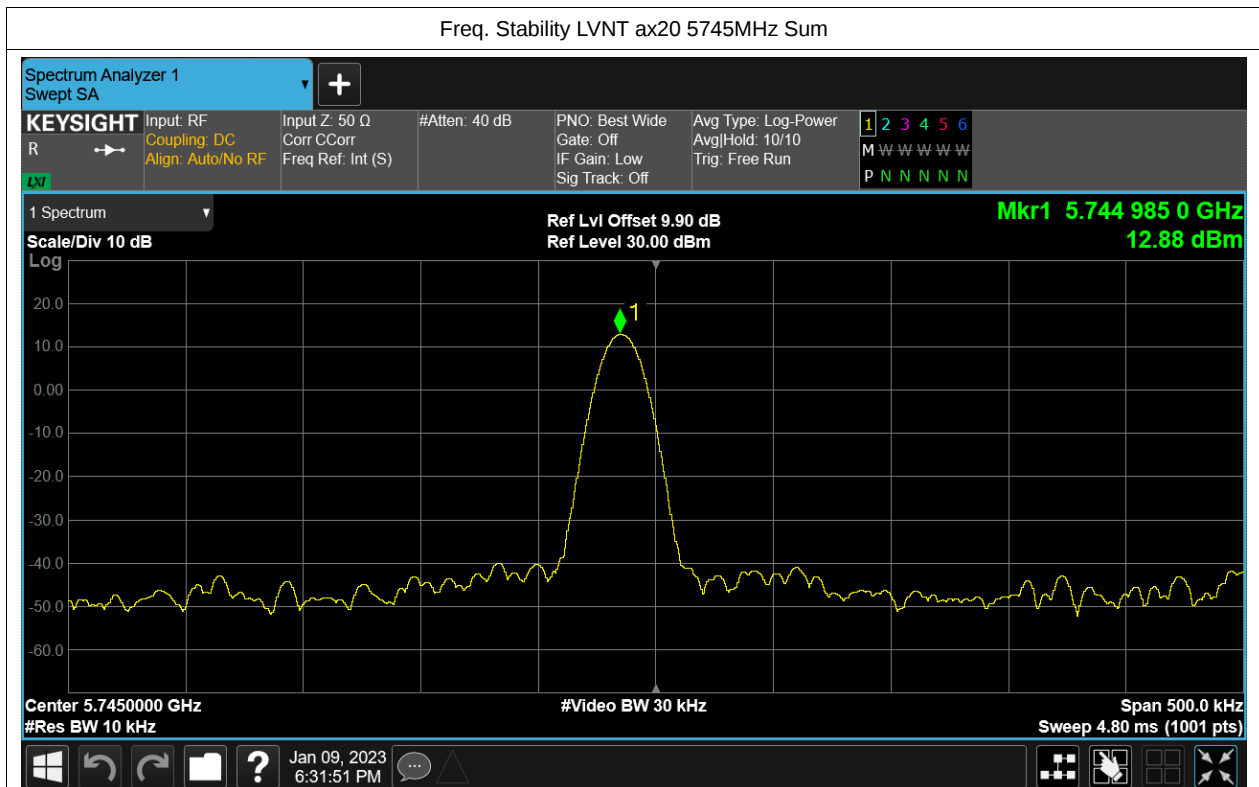
Freq. Stability NVNT a 5745MHz Ant6

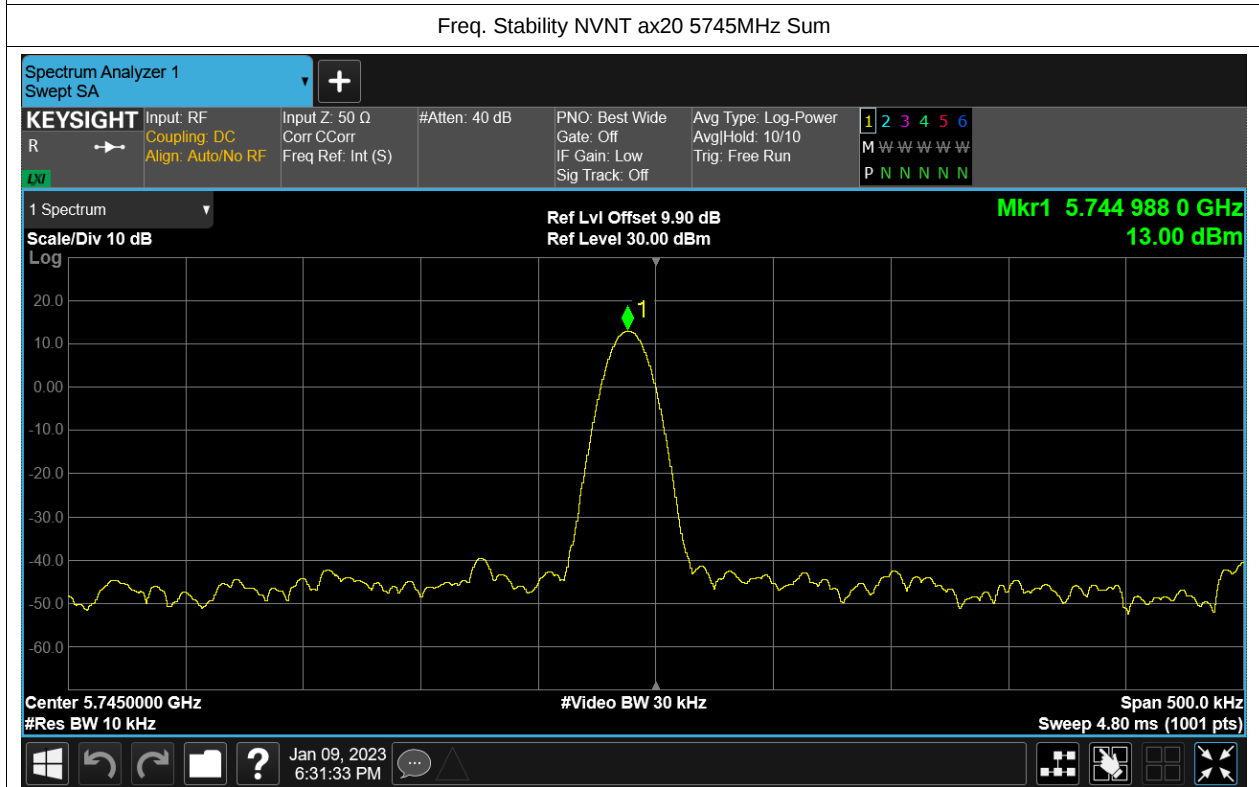
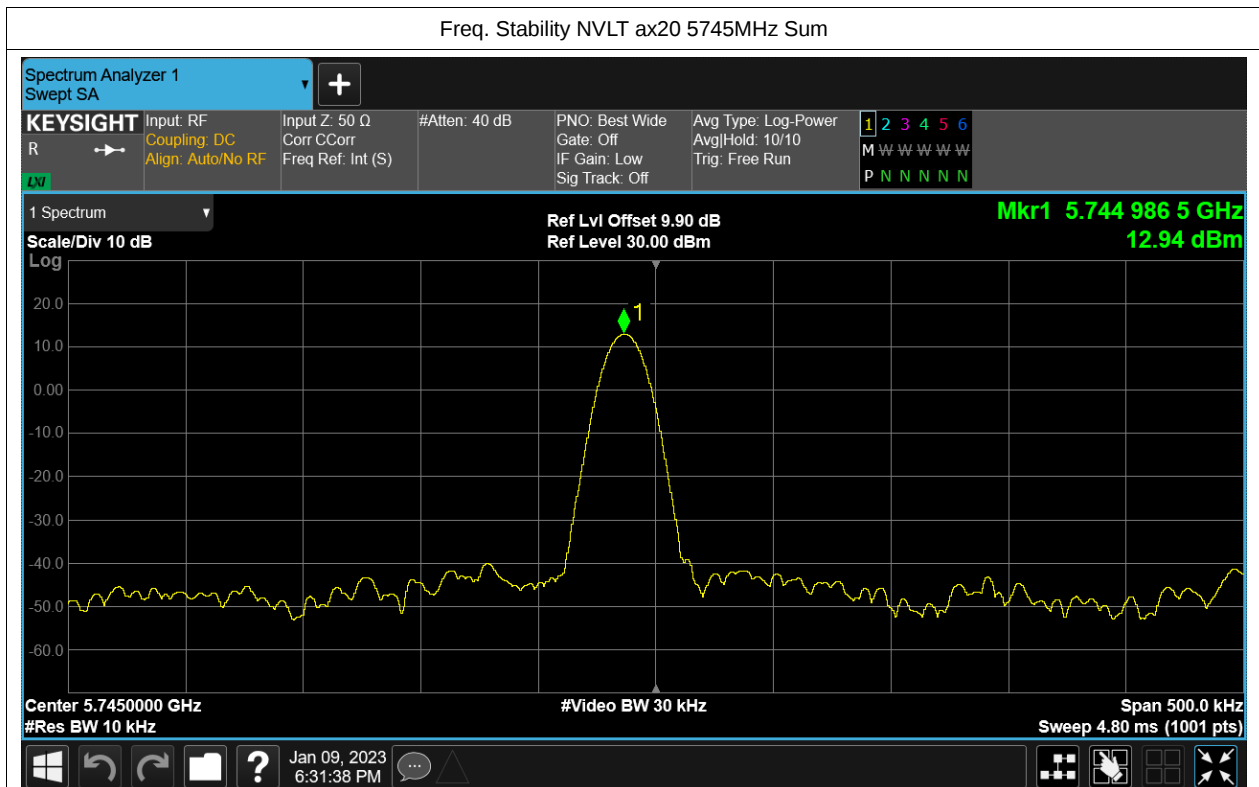


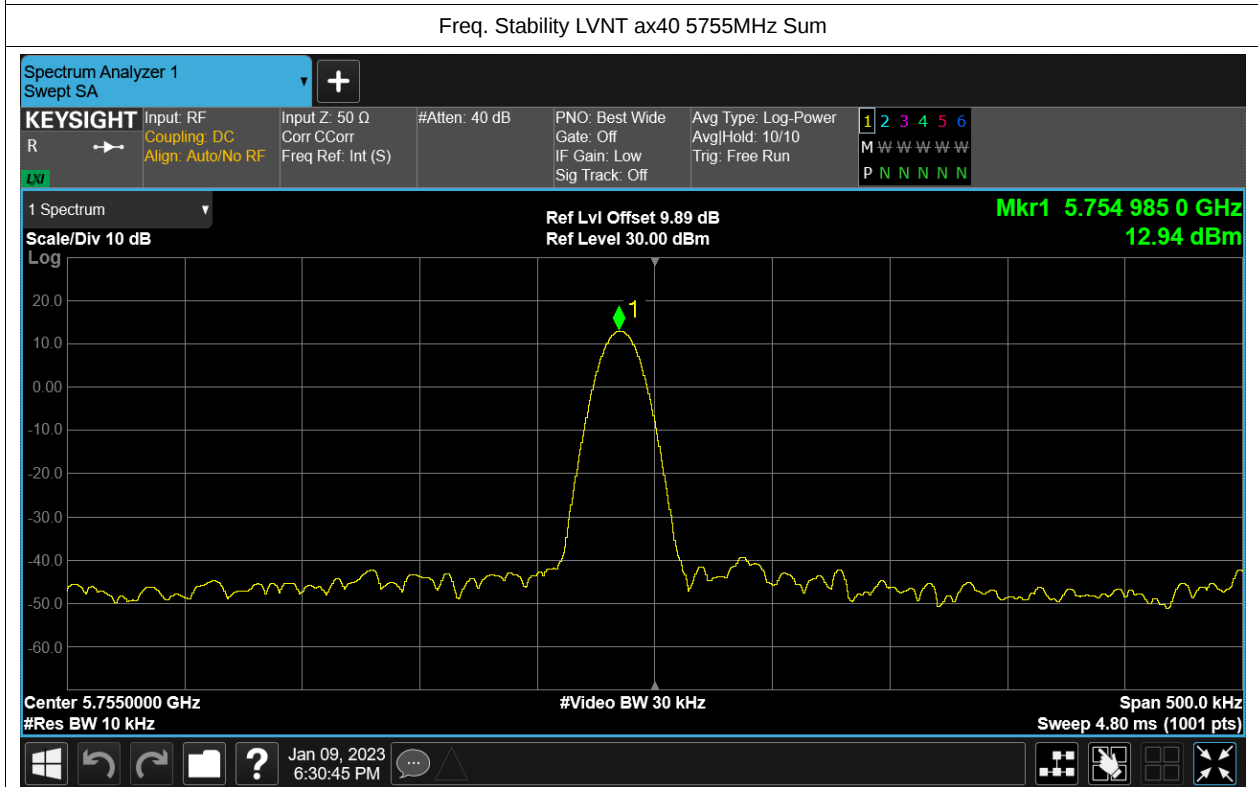
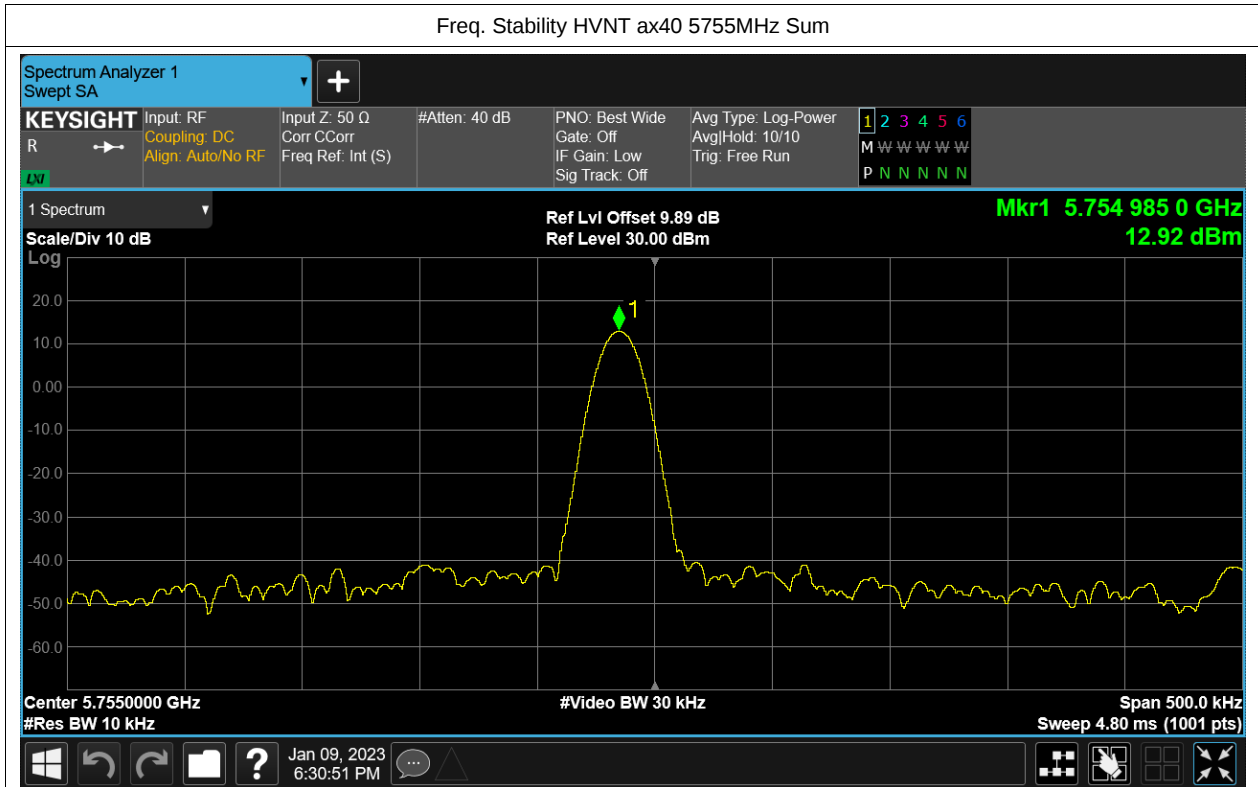


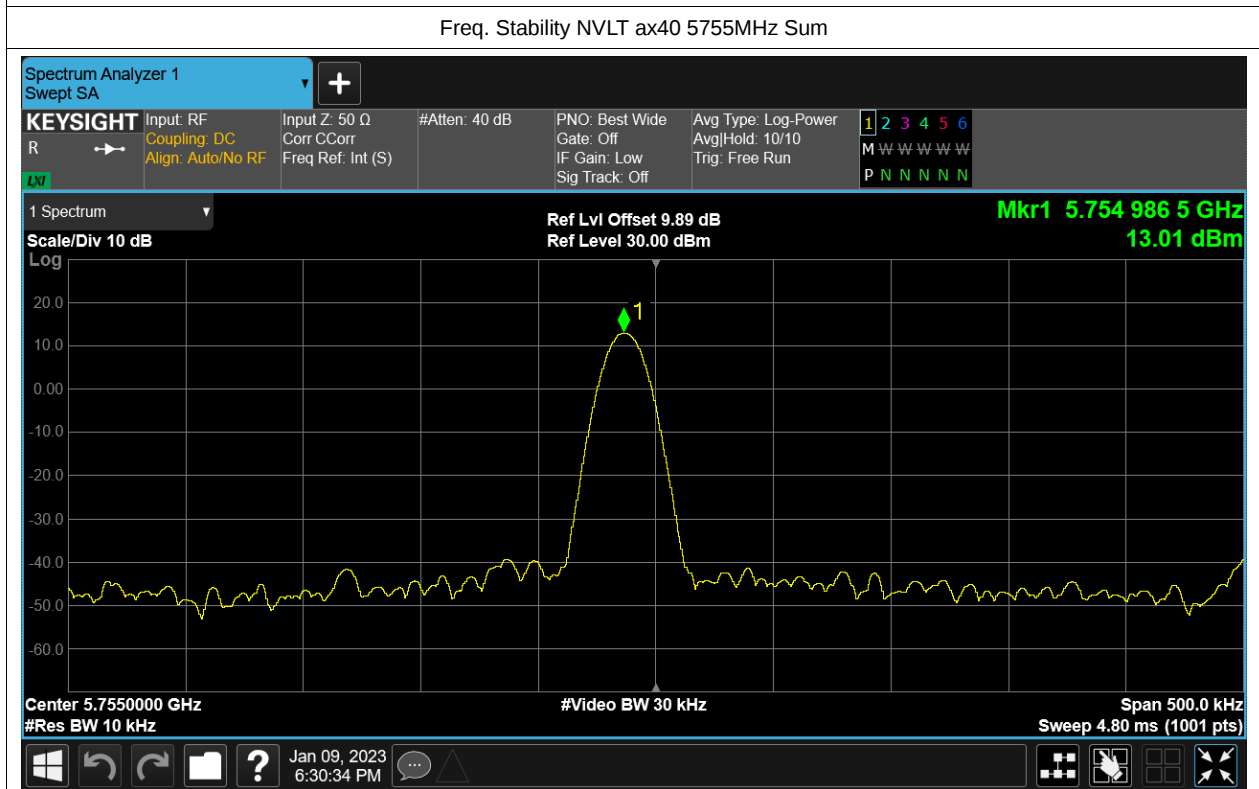
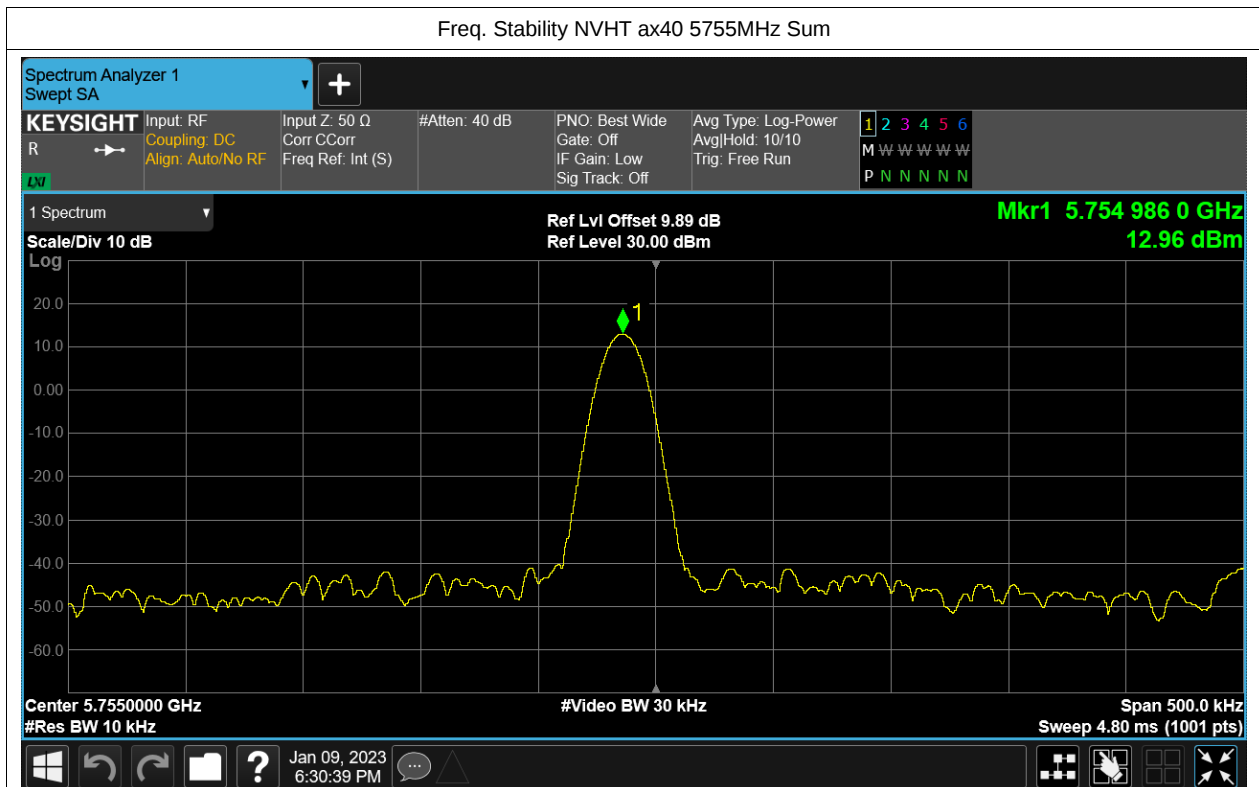


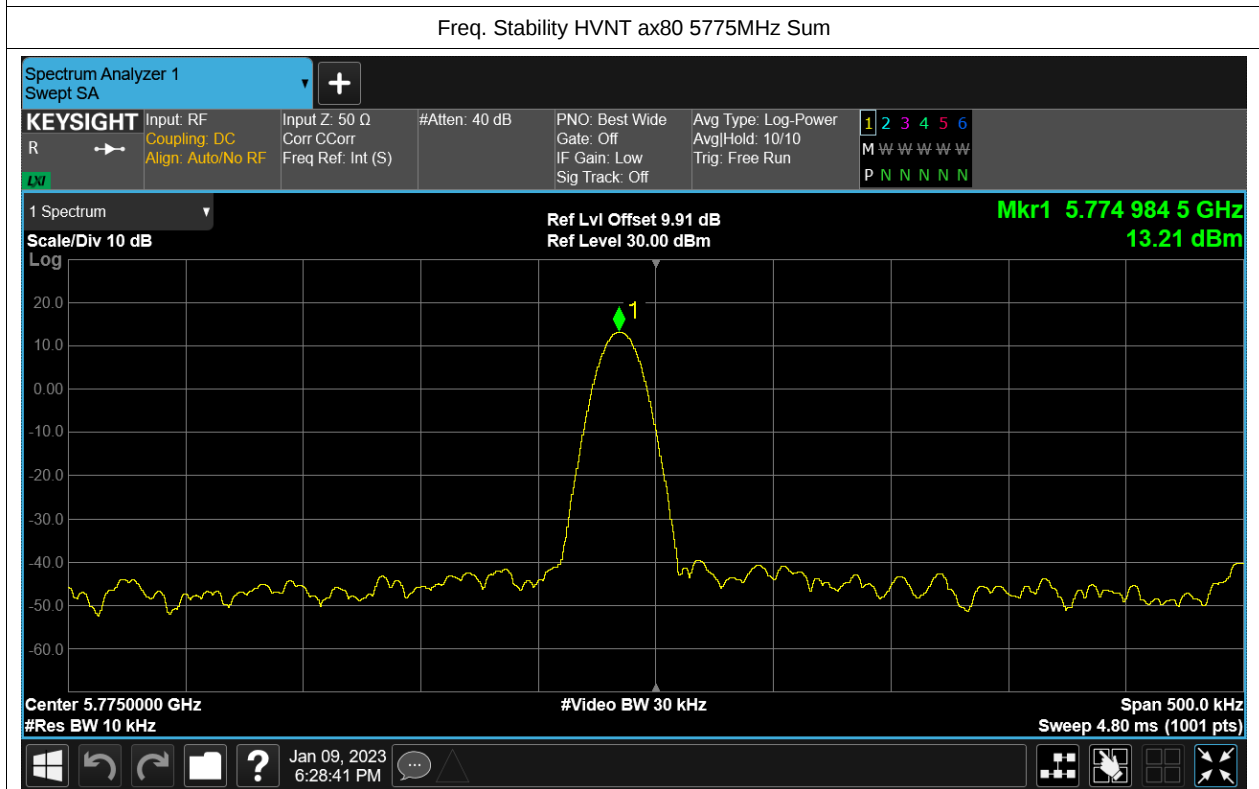
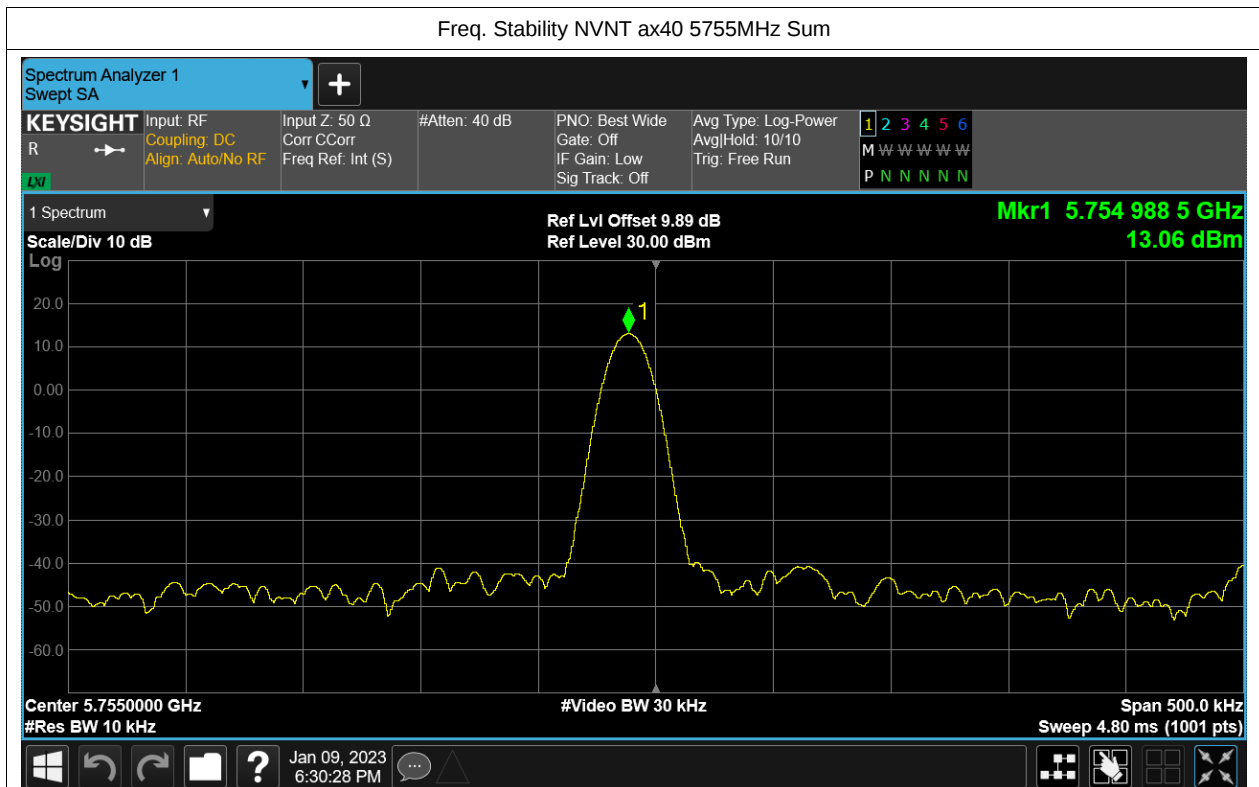


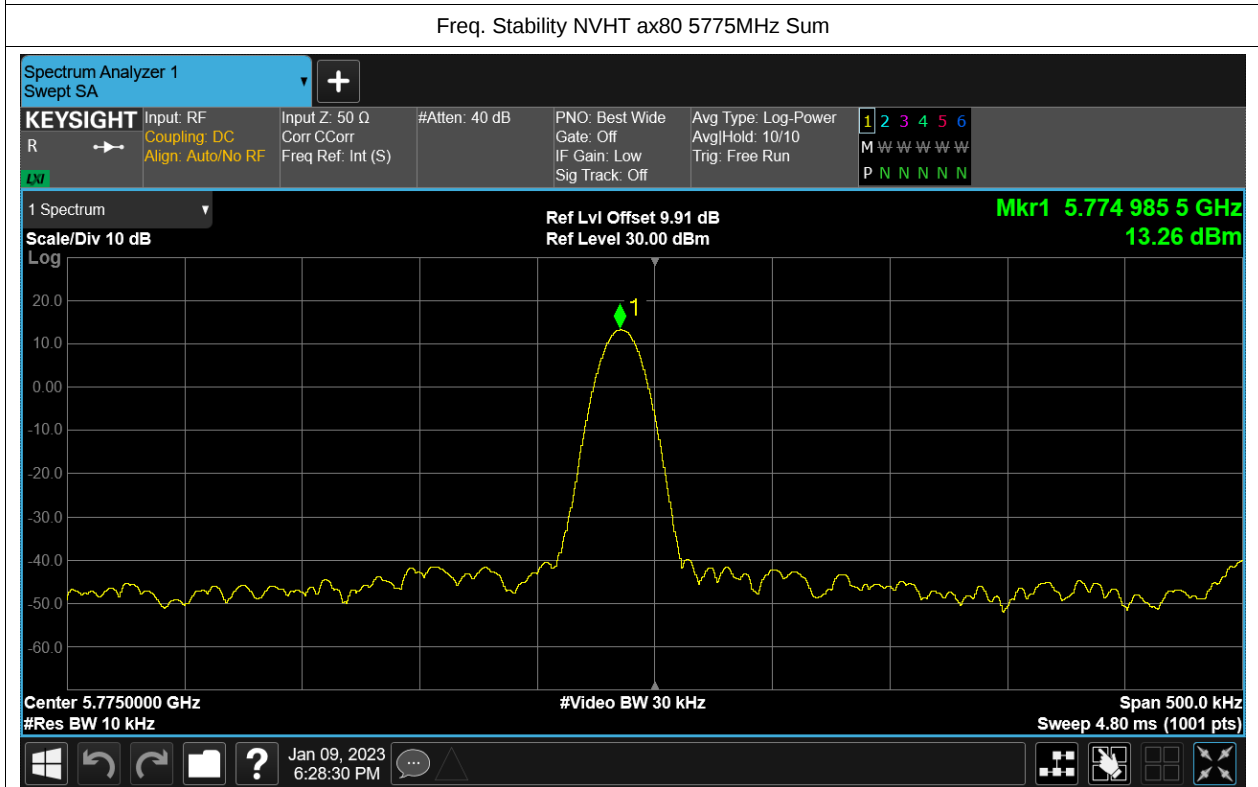
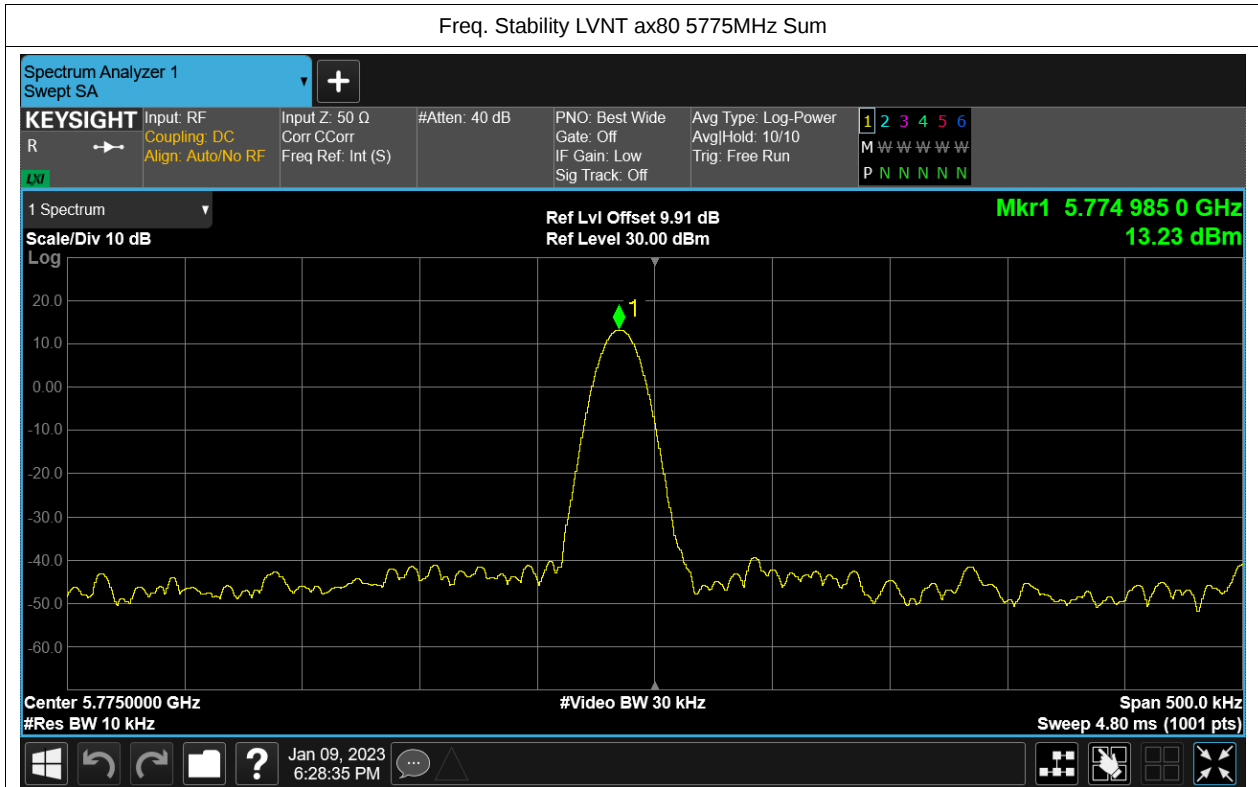


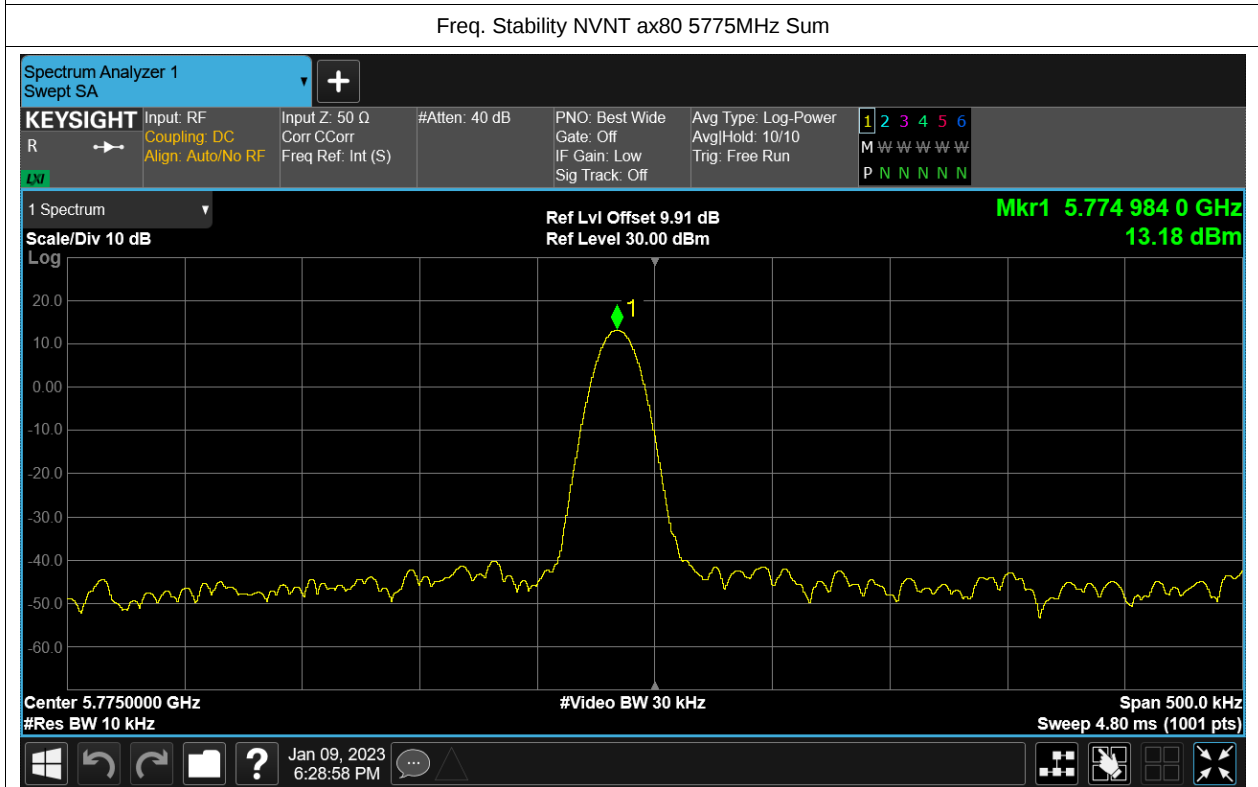
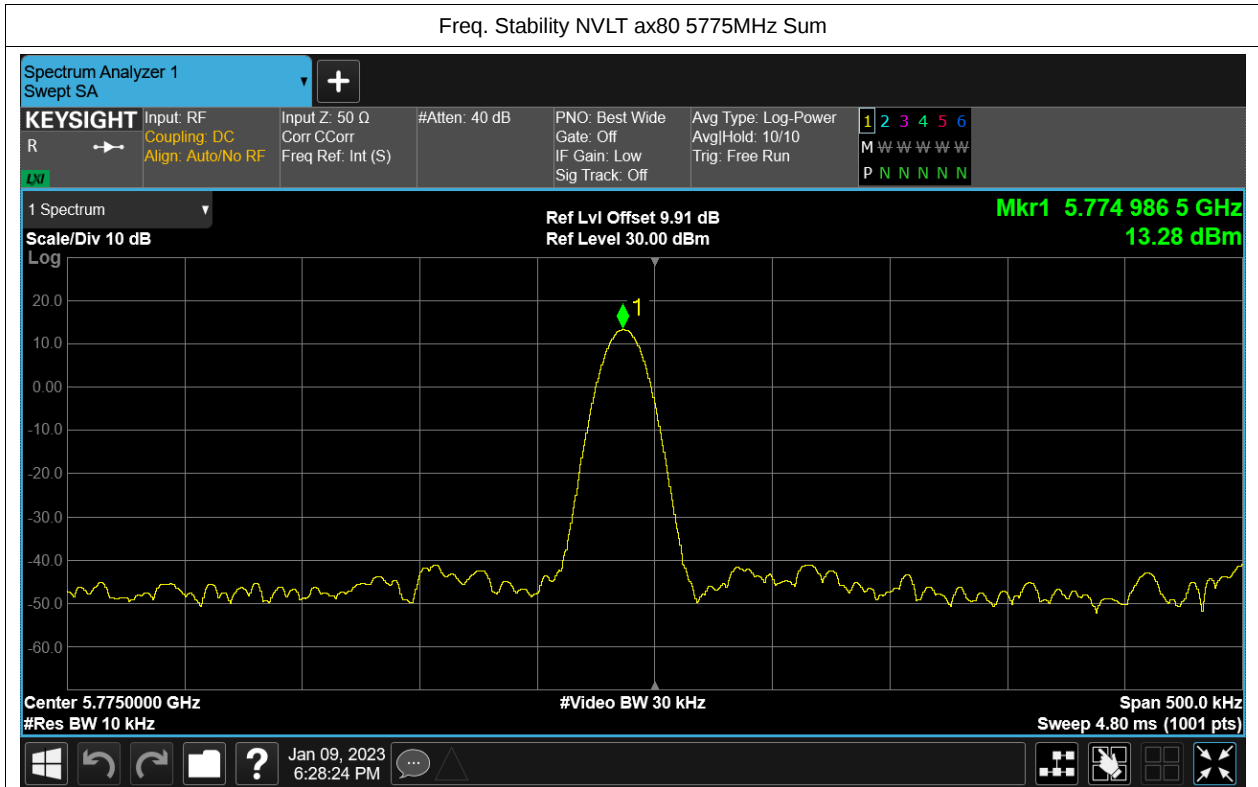


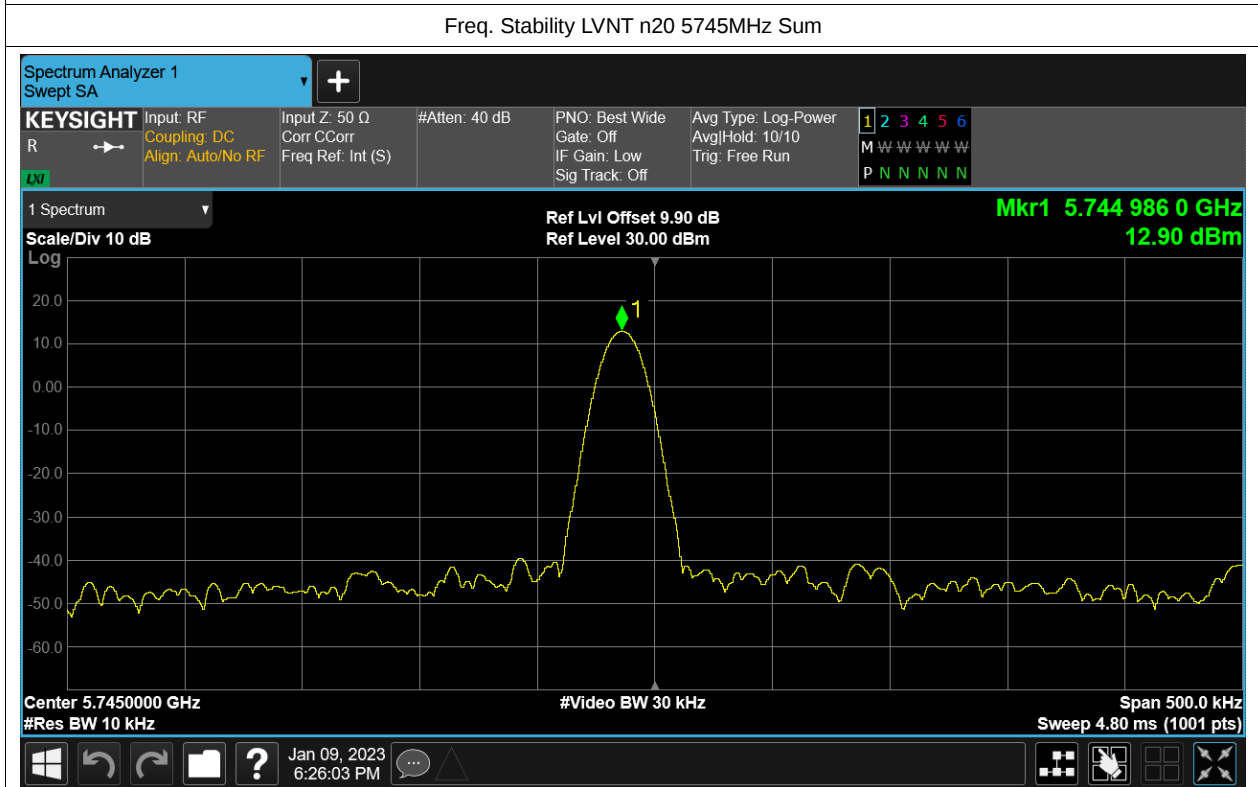
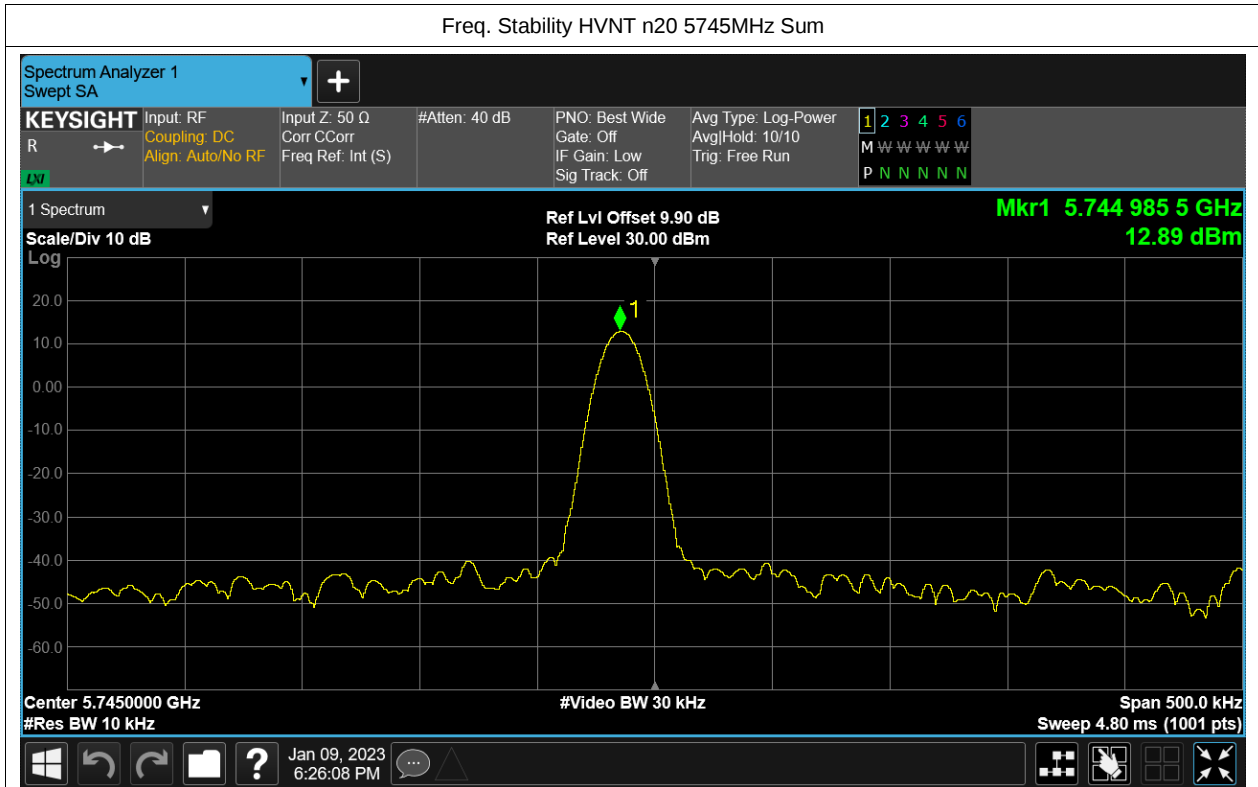


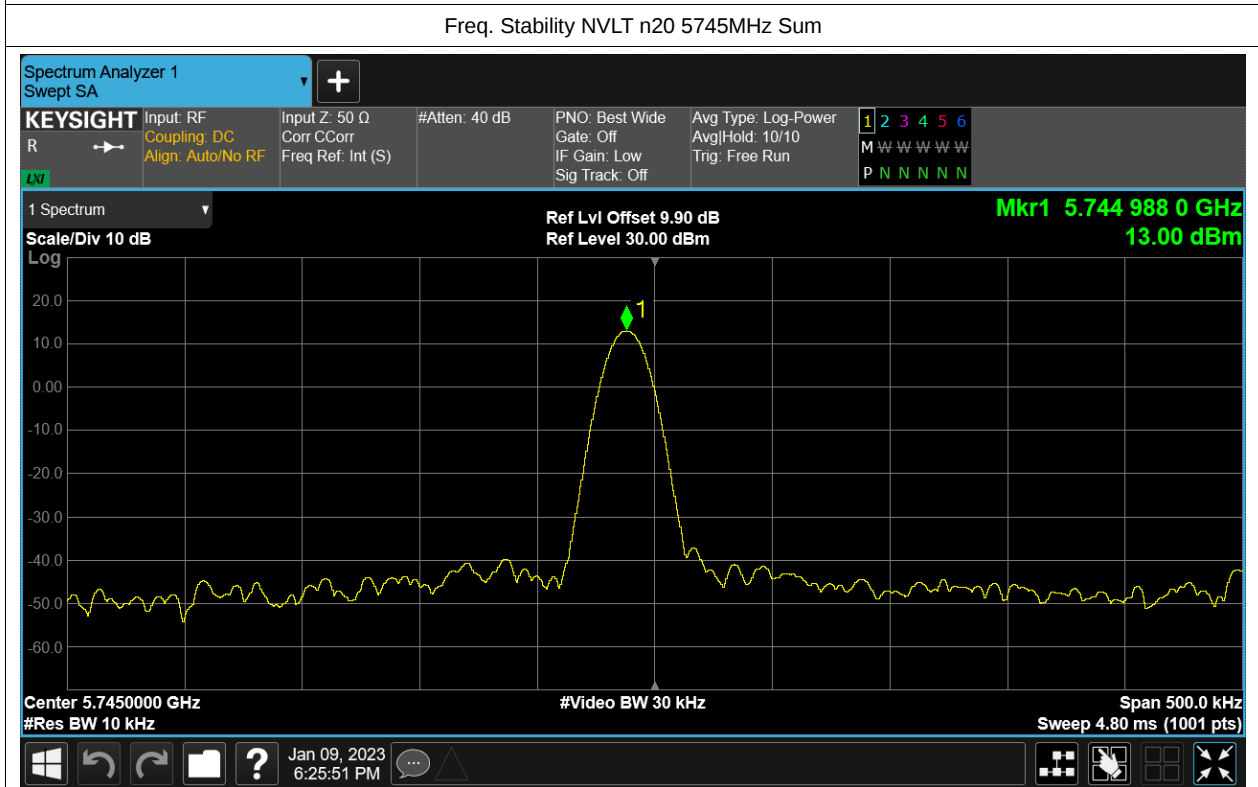
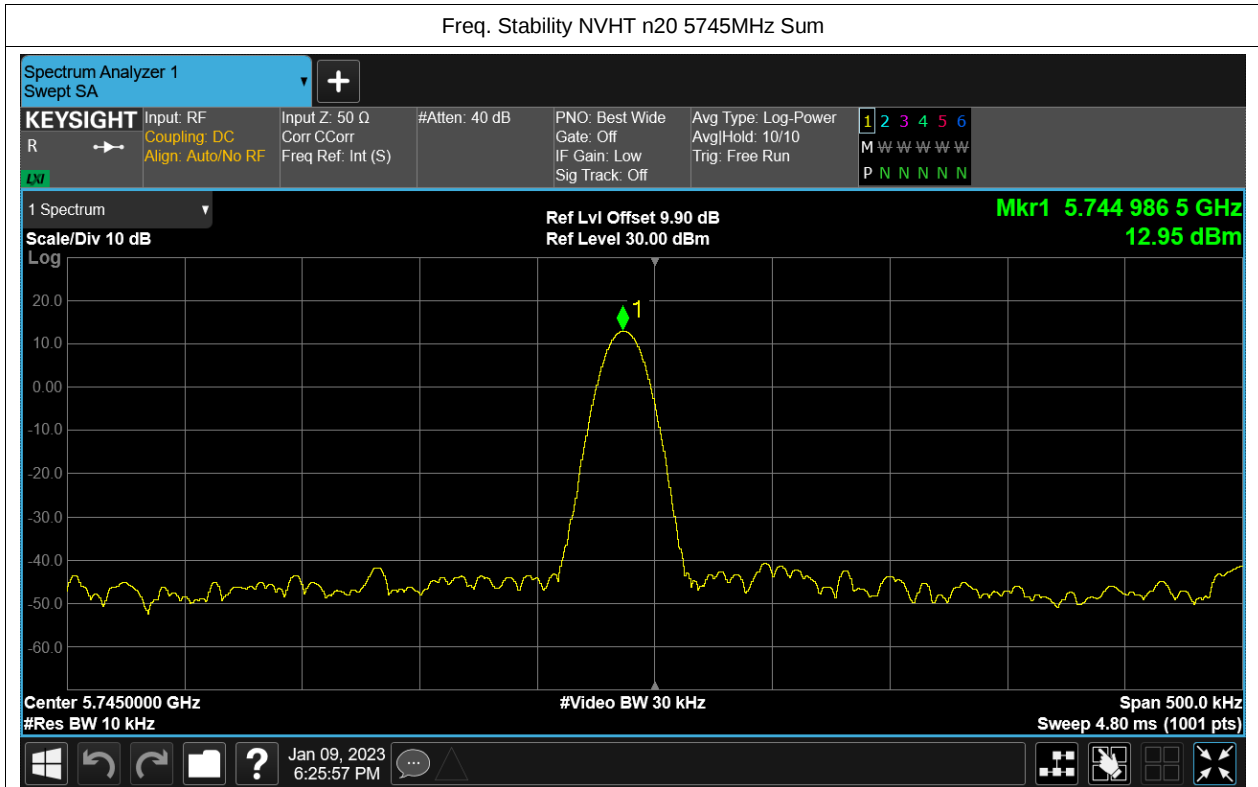


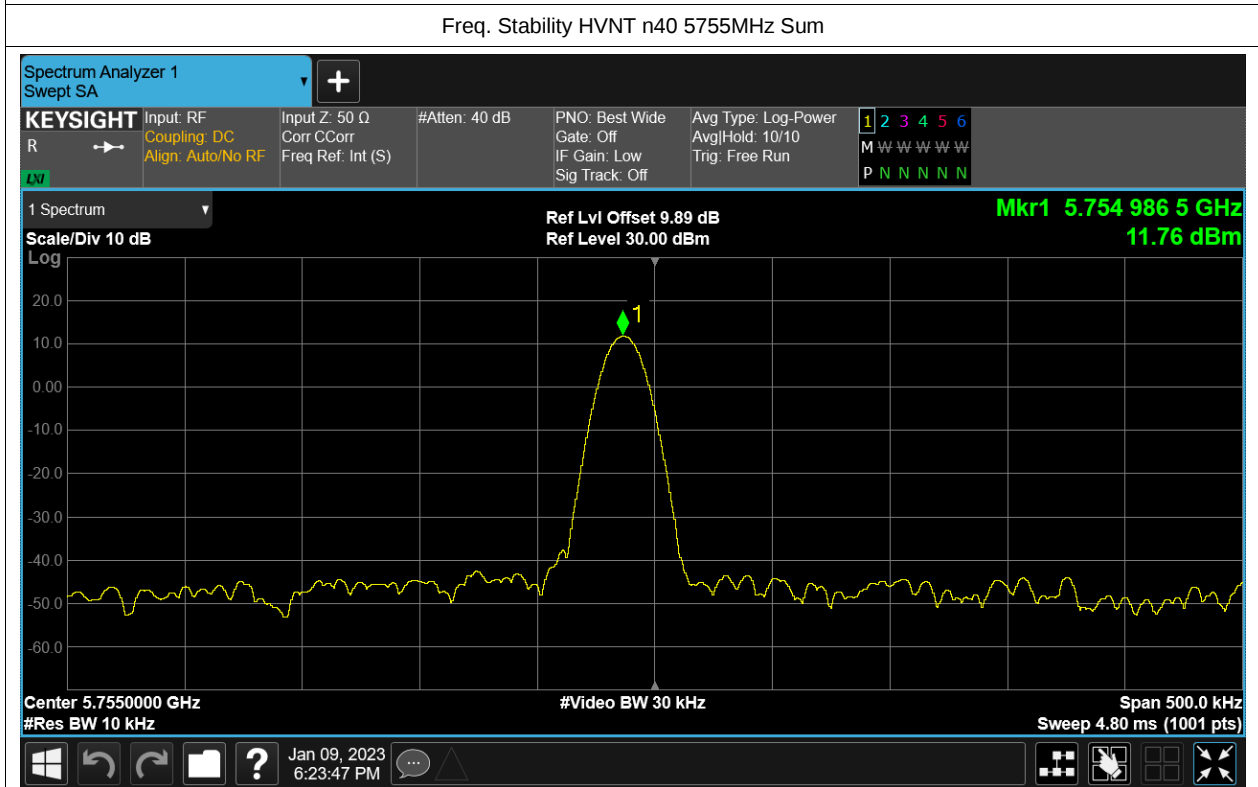
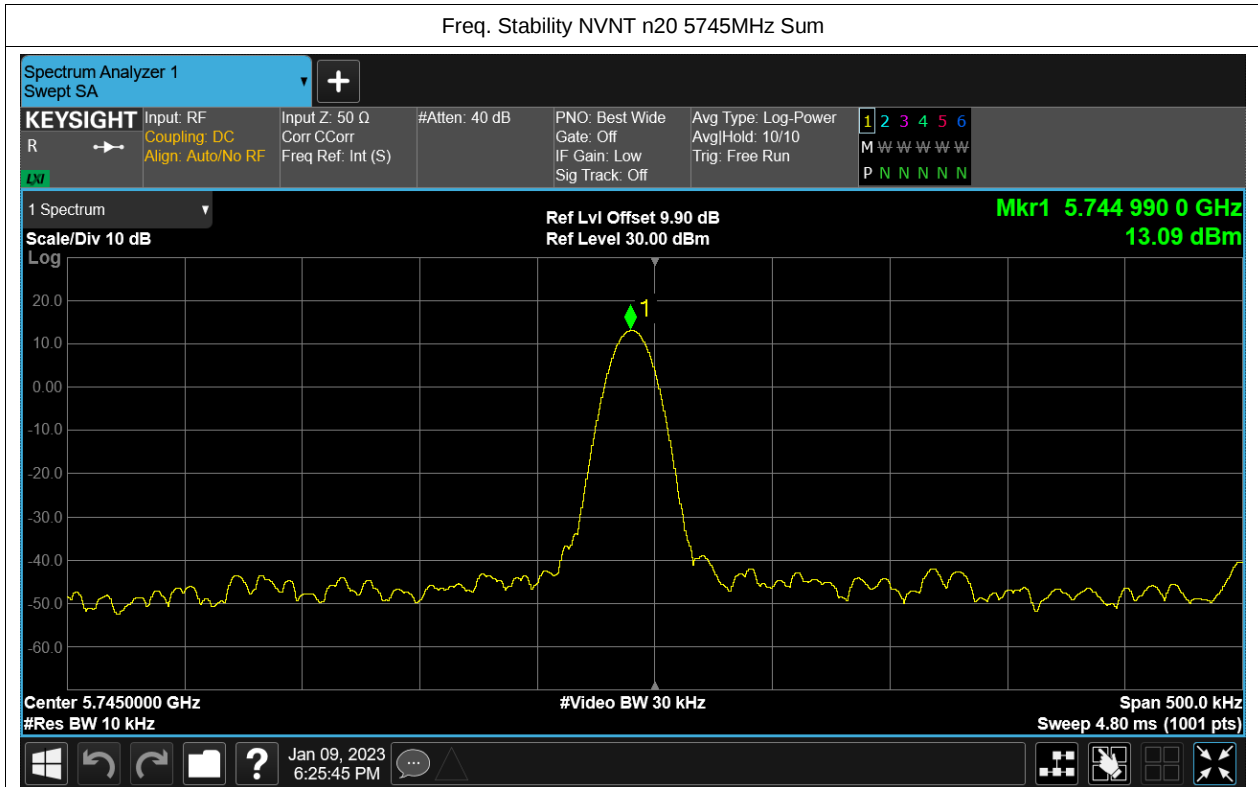


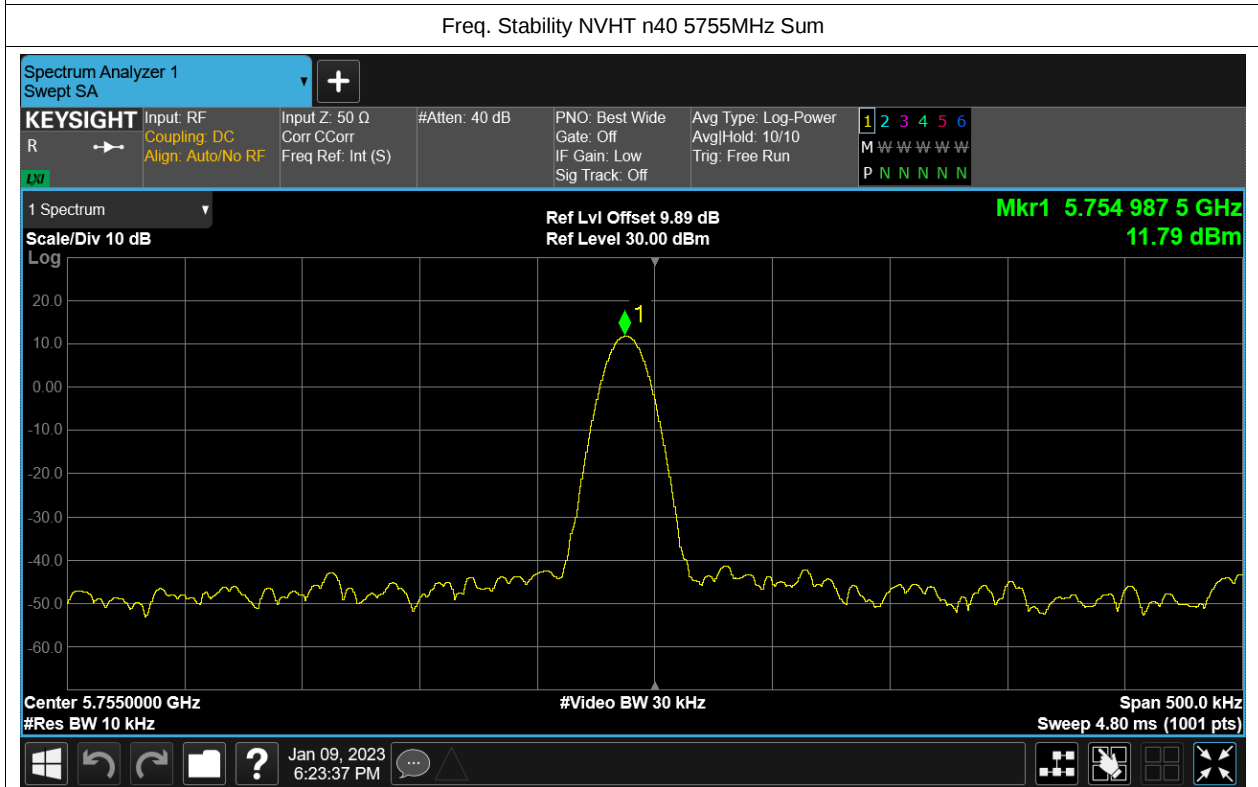
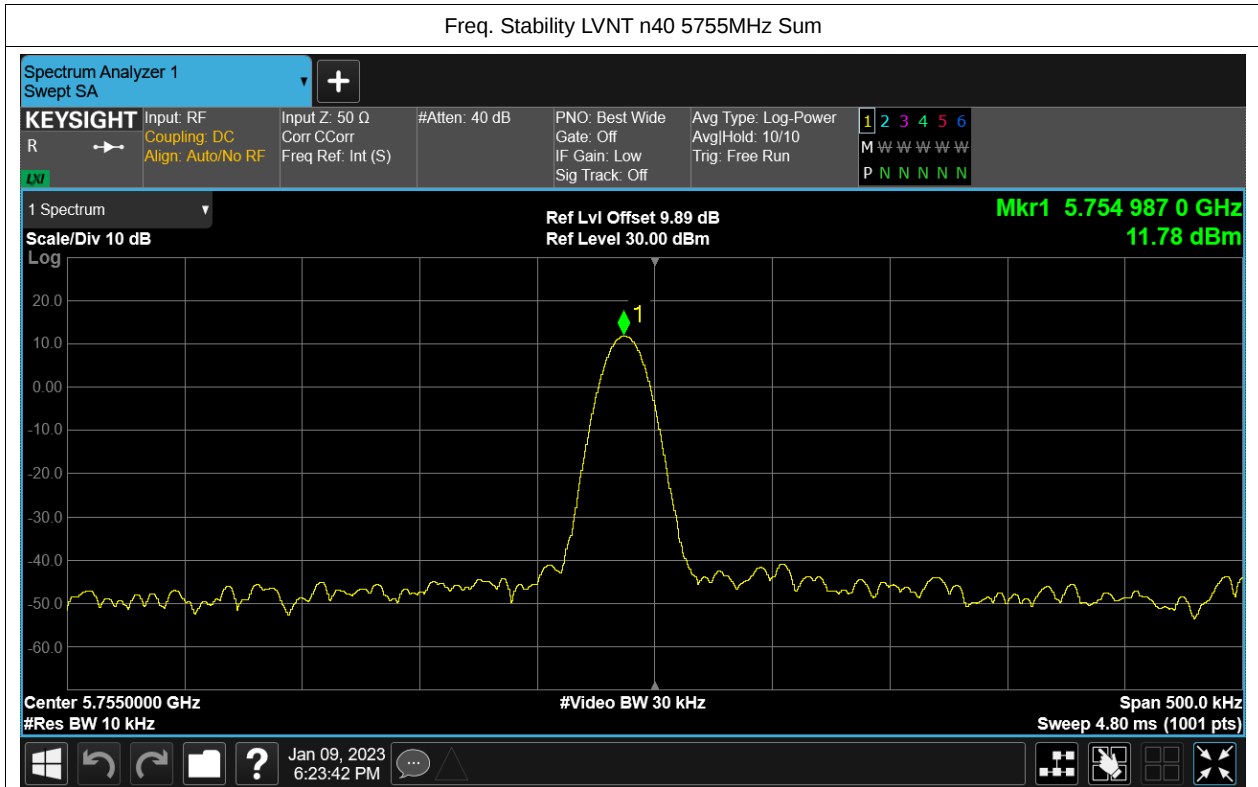


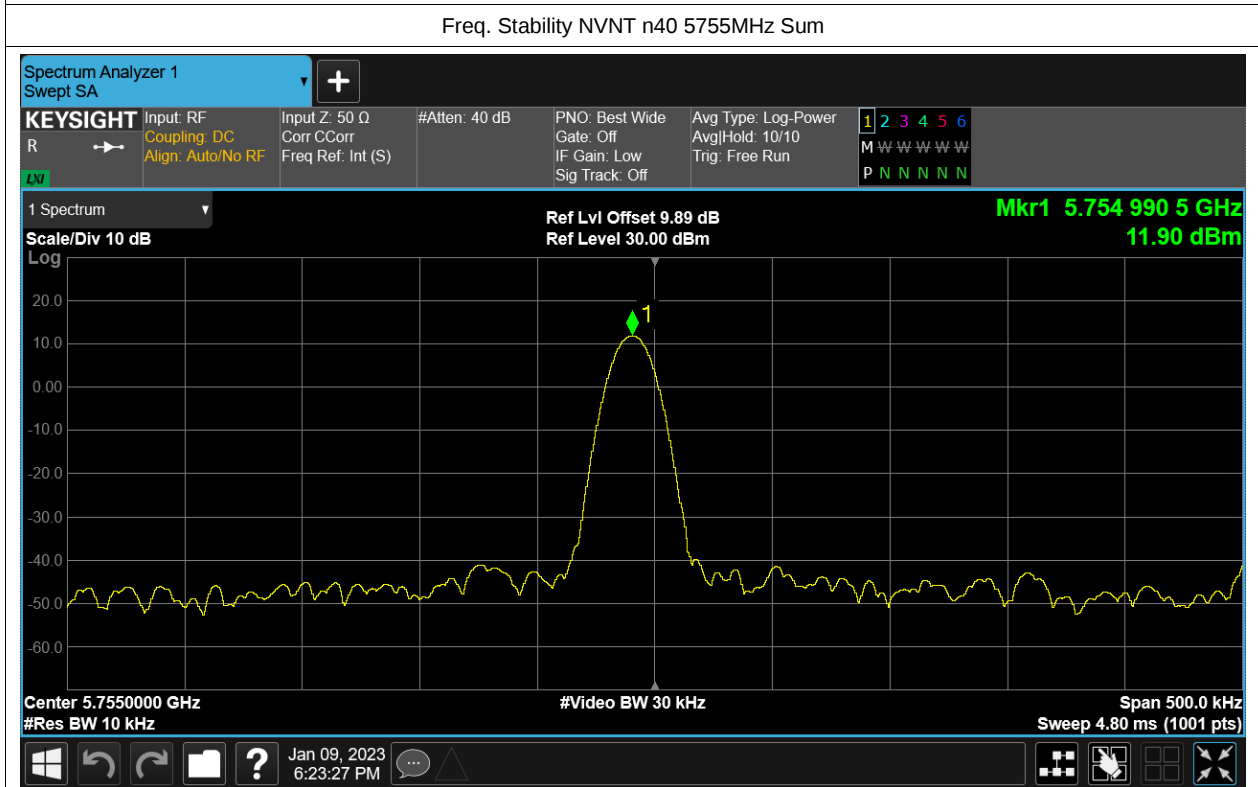
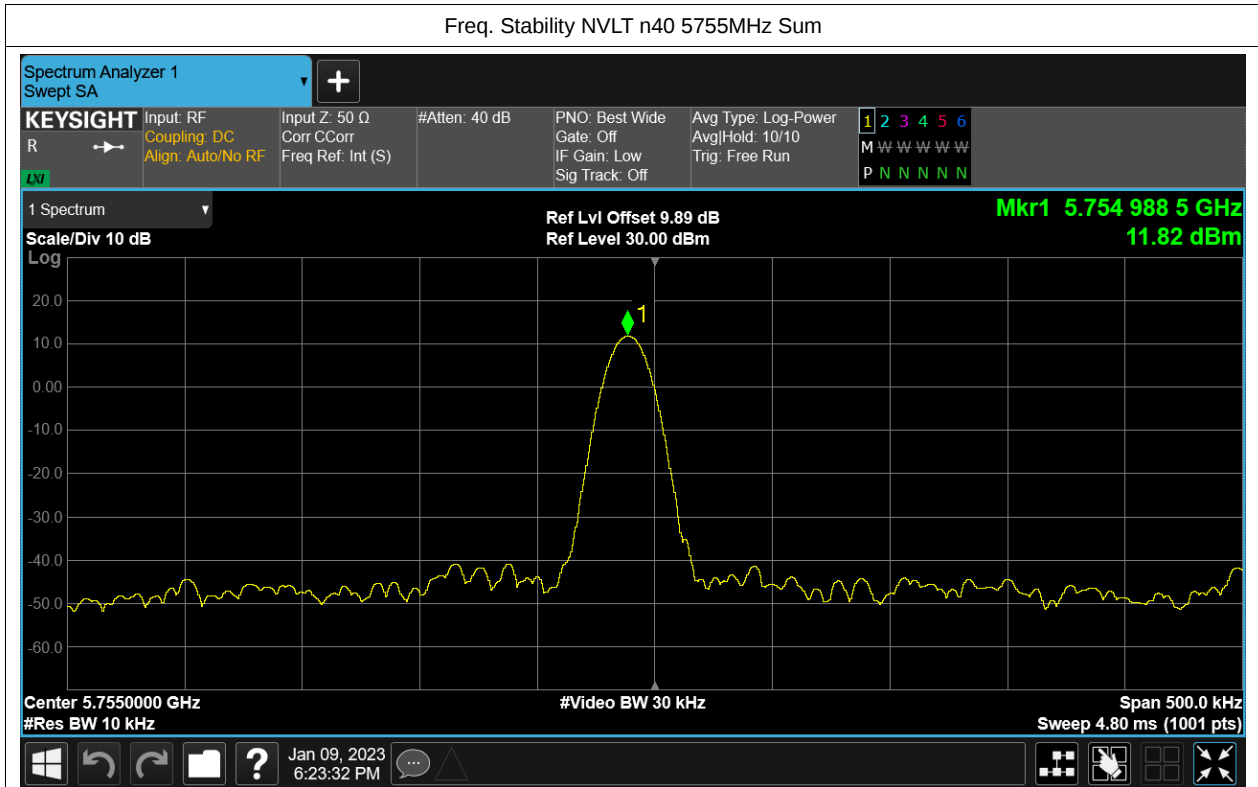










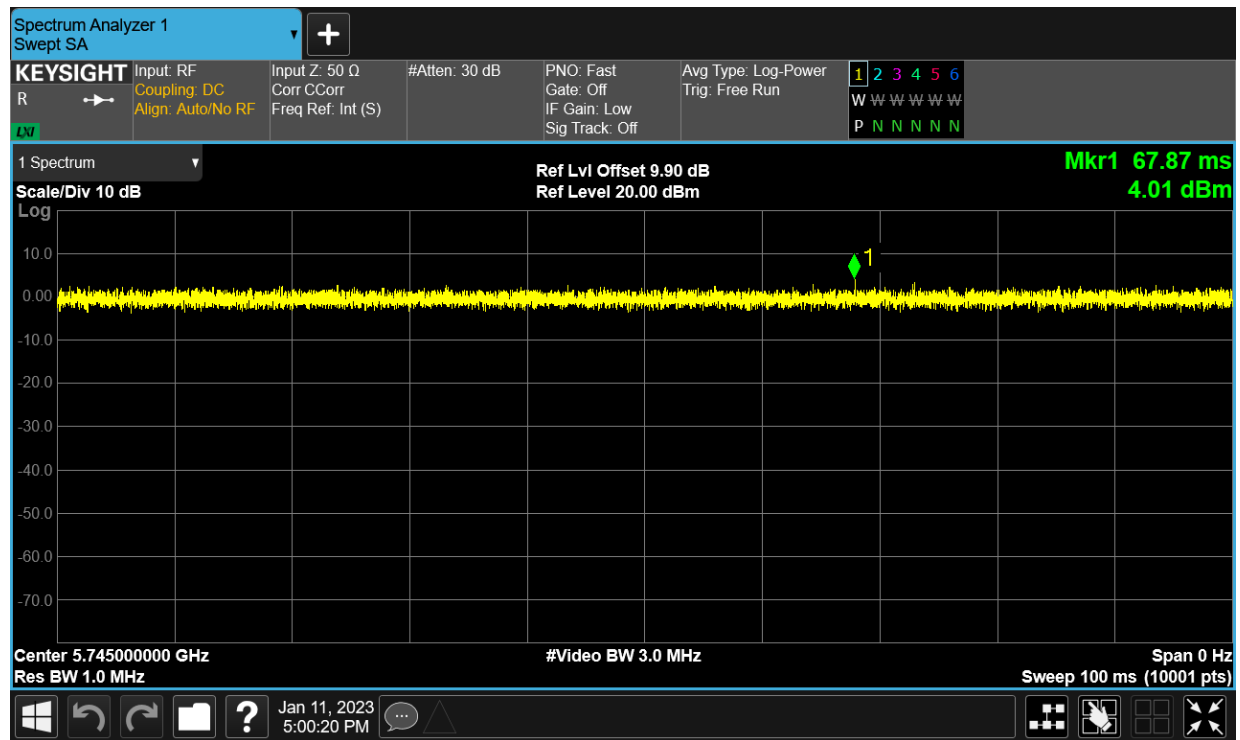


Duty Cycle

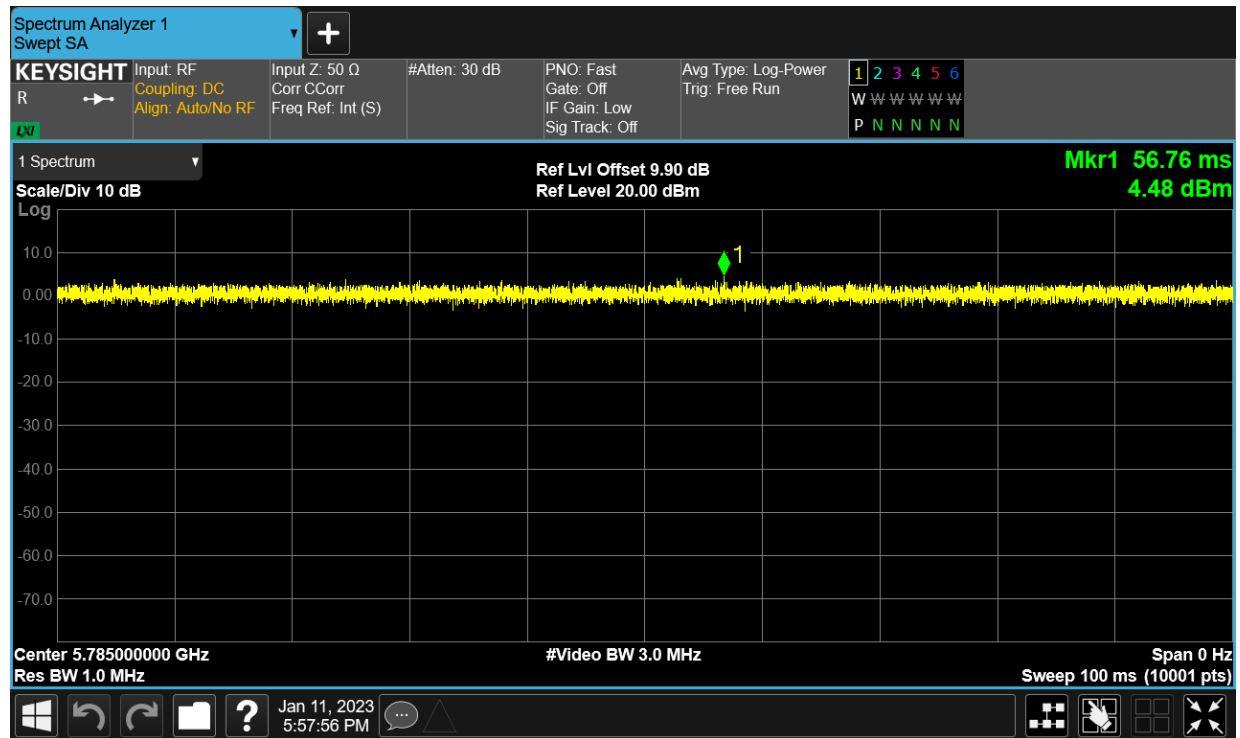
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant7	100	0
NVNT	a	5785	Ant7	100	0
NVNT	a	5825	Ant7	100	0
NVNT	a	5745	Ant6	100	0
NVNT	a	5785	Ant6	100	0
NVNT	a	5825	Ant6	100	0
NVNT	ac20	5745	Sum	100	0
NVNT	ac20	5785	Sum	100	0
NVNT	ac20	5825	Sum	100	0
NVNT	ac40	5755	Sum	100	0
NVNT	ac40	5795	Sum	100	0
NVNT	ac80	5775	Sum	100	0
NVNT	ax20	5745	Sum	100	0
NVNT	ax20	5785	Sum	100	0
NVNT	ax20	5825	Sum	100	0
NVNT	ax40	5755	Sum	100	0
NVNT	ax40	5795	Sum	100	0
NVNT	ax80	5775	Sum	100	0
NVNT	n20	5745	Sum	100	0
NVNT	n20	5785	Sum	100	0
NVNT	n20	5825	Sum	100	0
NVNT	n40	5755	Sum	100	0
NVNT	n40	5795	Sum	100	0

Test Graphs

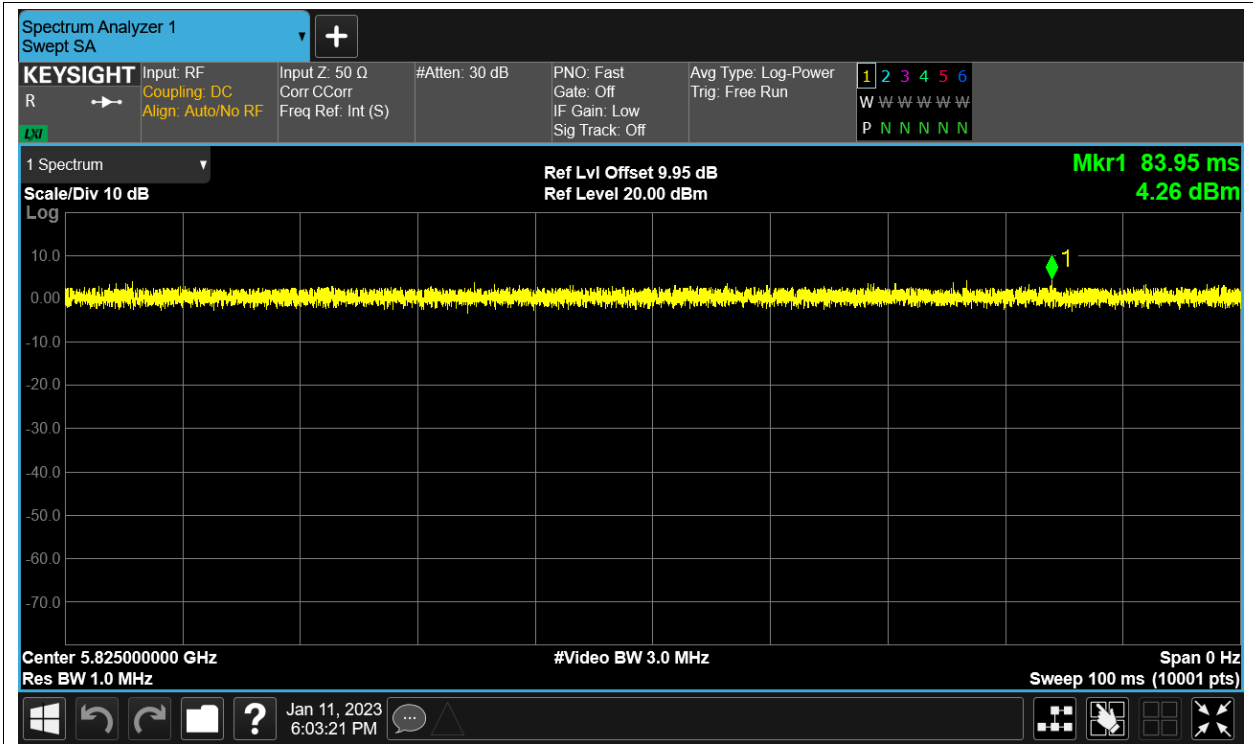
Duty Cycle NVNT a 5745MHz Ant7



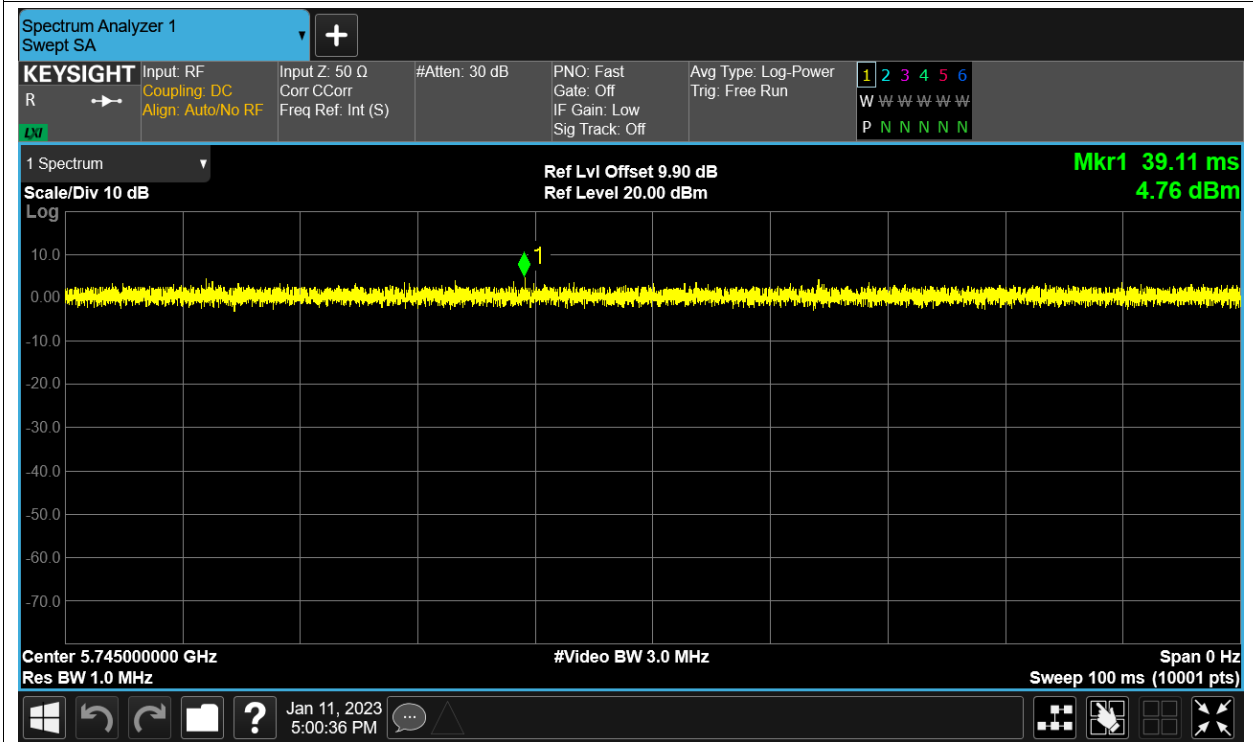
Duty Cycle NVNT a 5785MHz Ant7



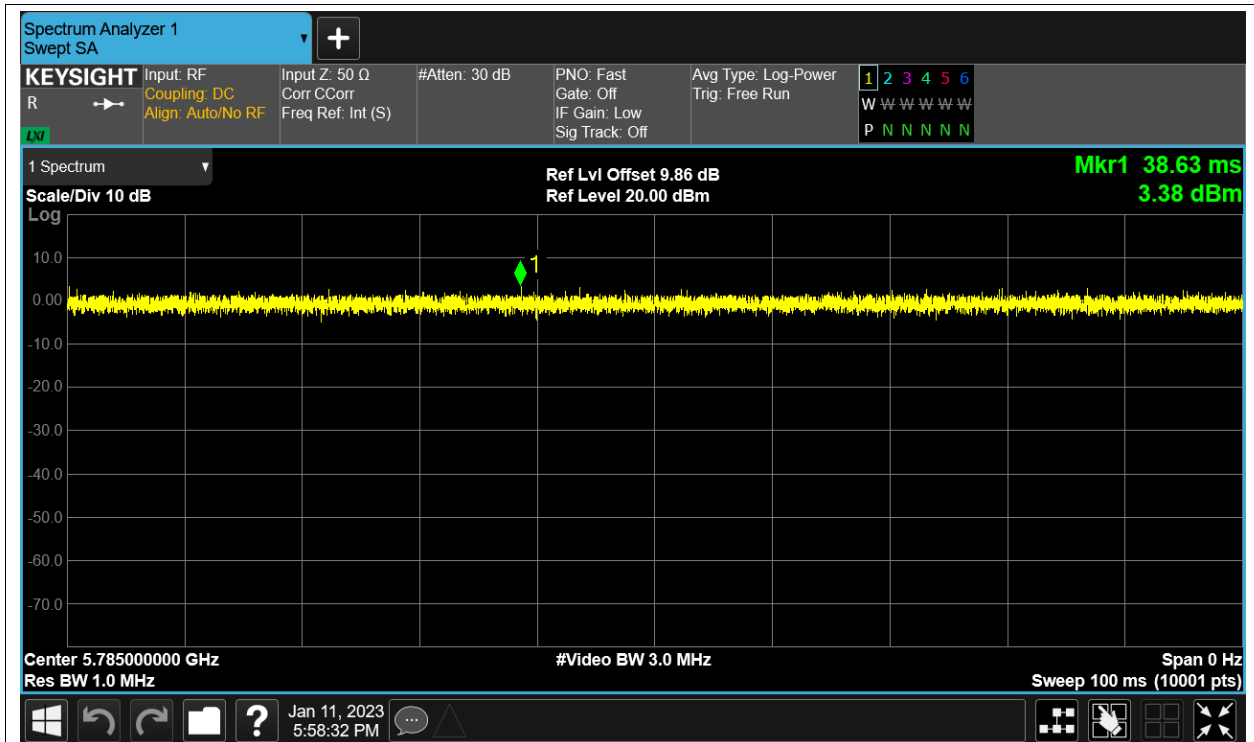
Duty Cycle NVNT a 5825MHz Ant7



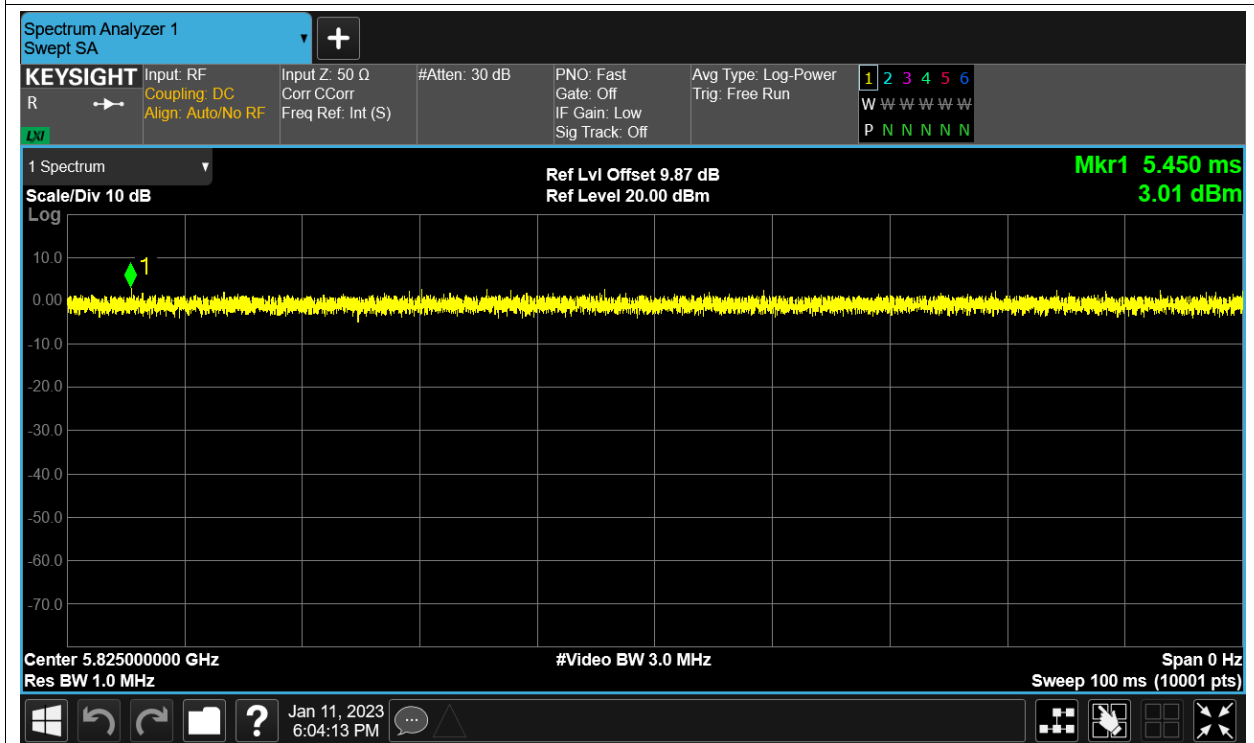
Duty Cycle NVNT a 5745MHz Ant6



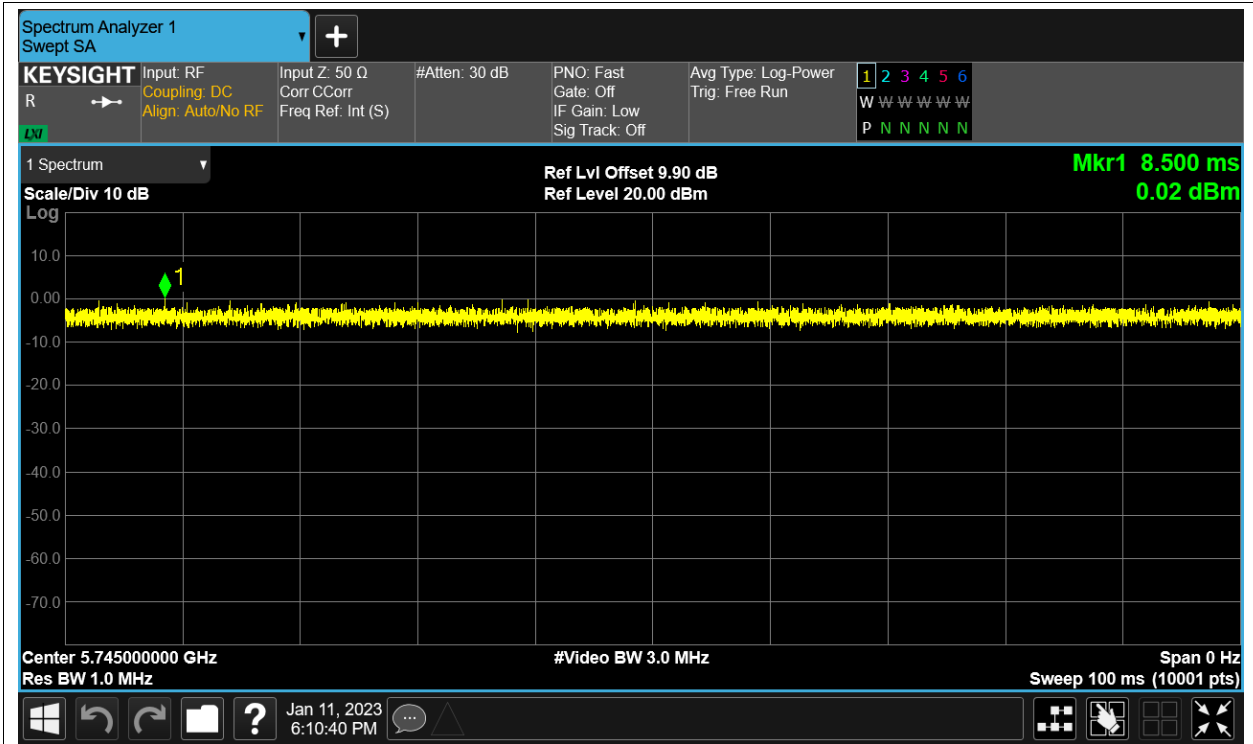
Duty Cycle NVNT a 5785MHz Ant6



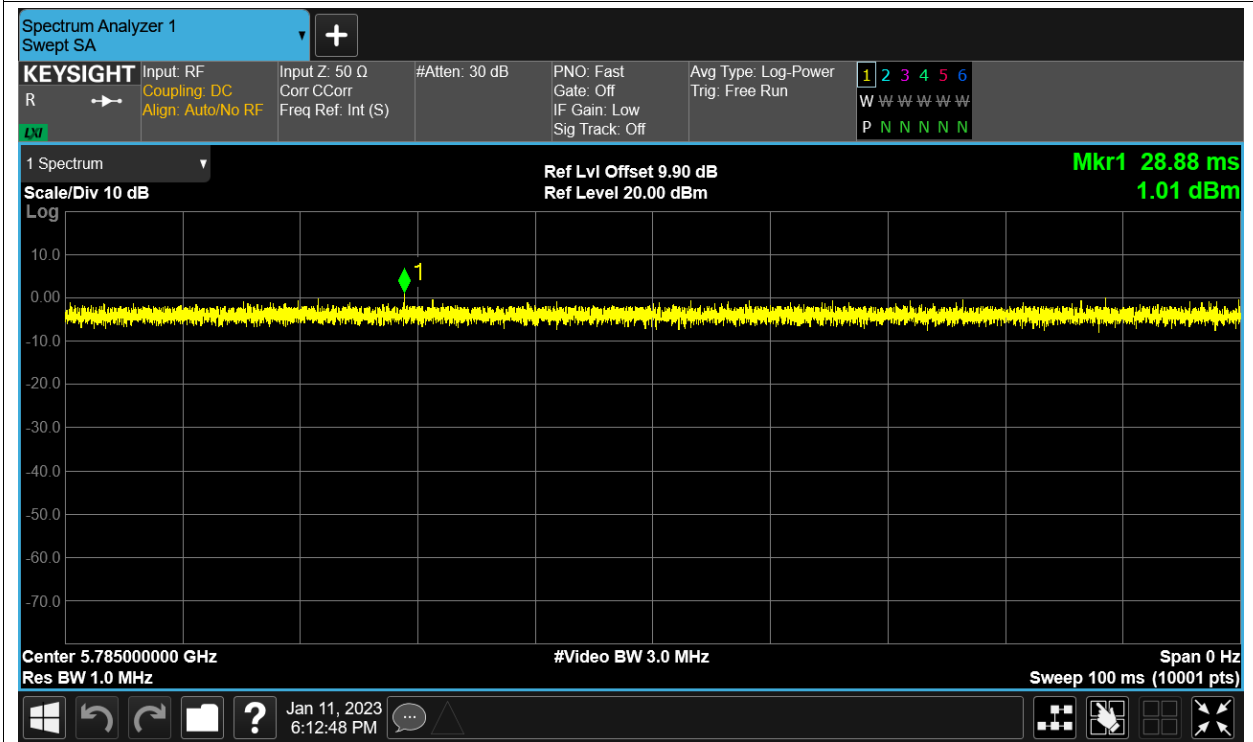
Duty Cycle NVNT a 5825MHz Ant6



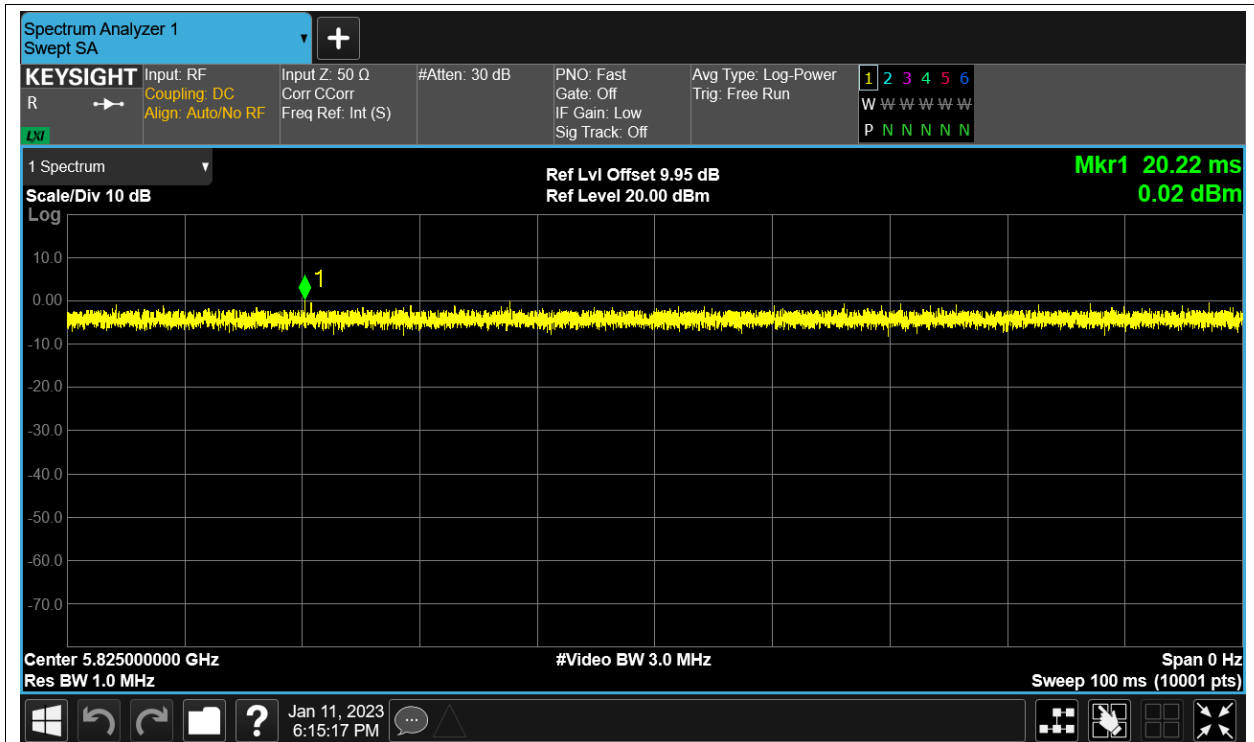
Duty Cycle NVNT ac20 5745MHz Sum



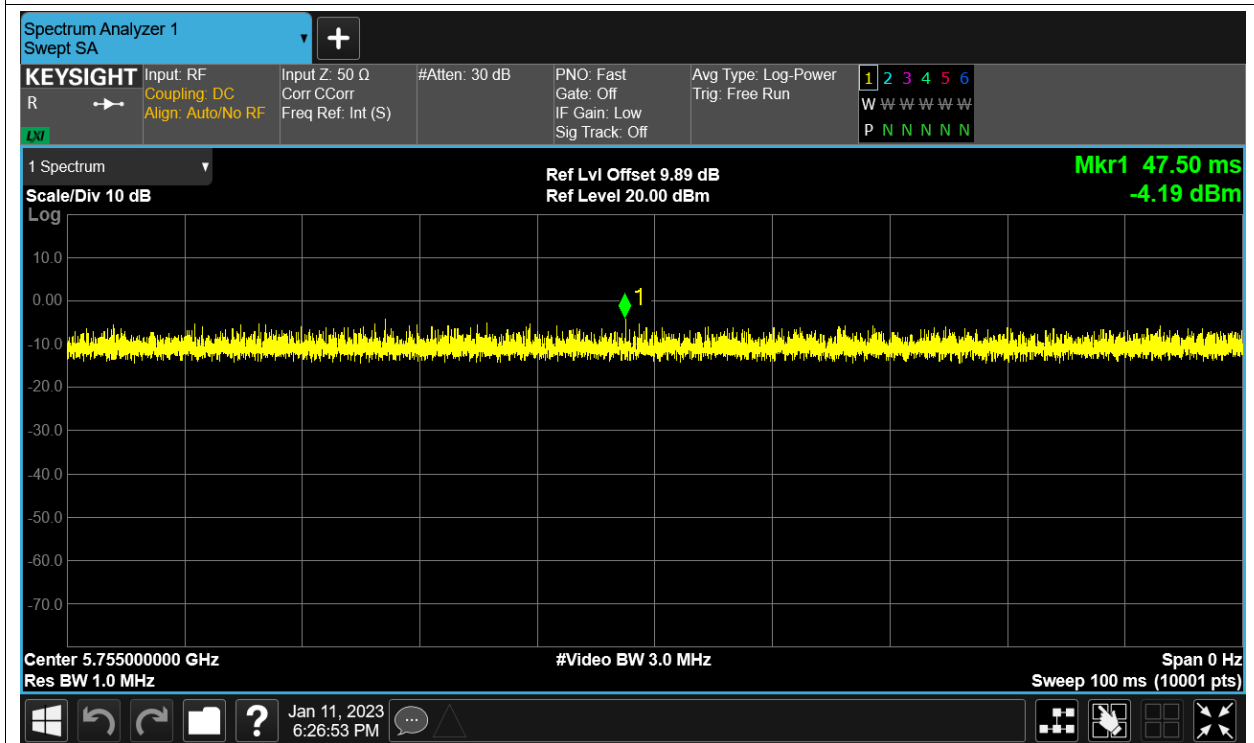
Duty Cycle NVNT ac20 5785MHz Sum



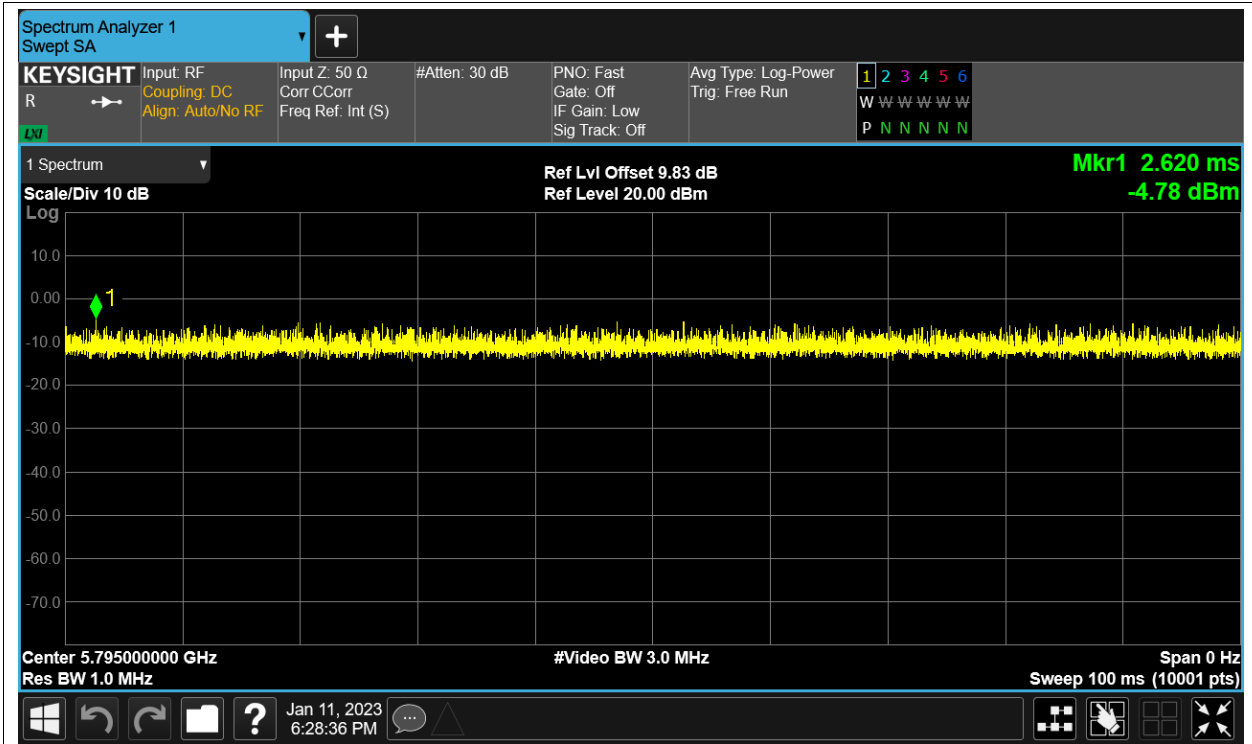
Duty Cycle NVNT ac20 5825MHz Sum



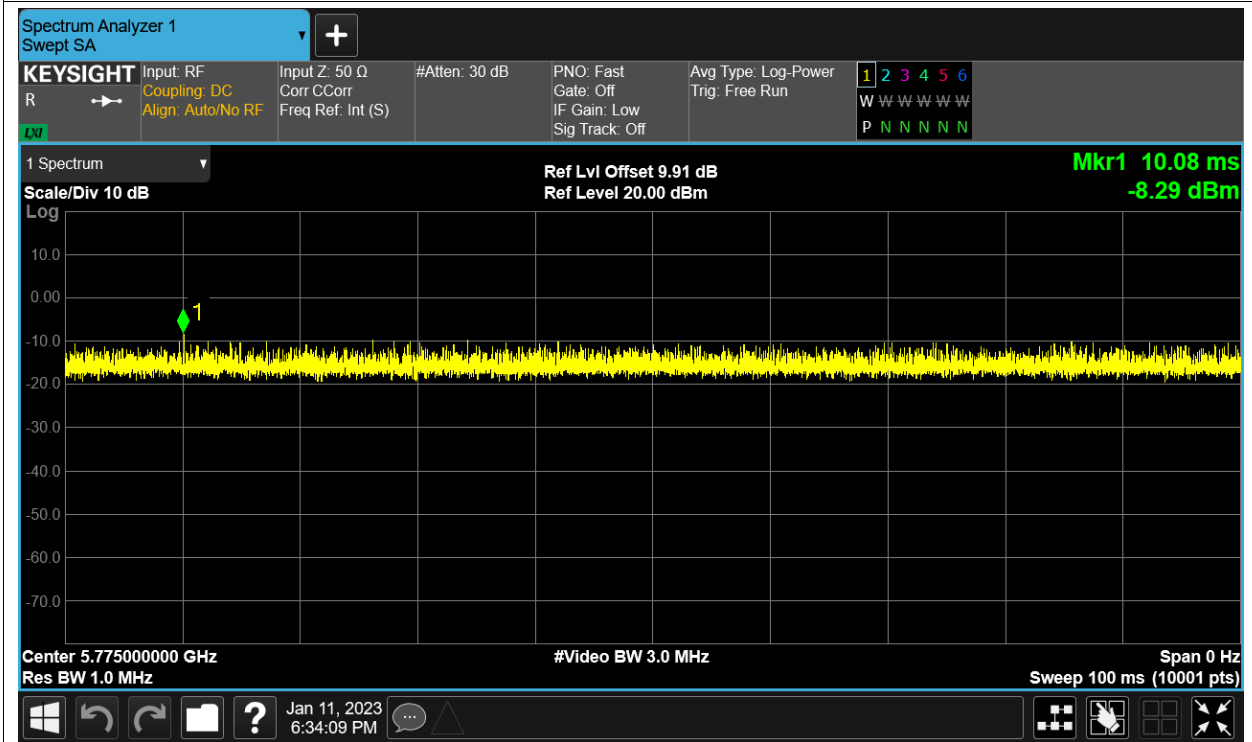
Duty Cycle NVNT ac40 5755MHz Sum



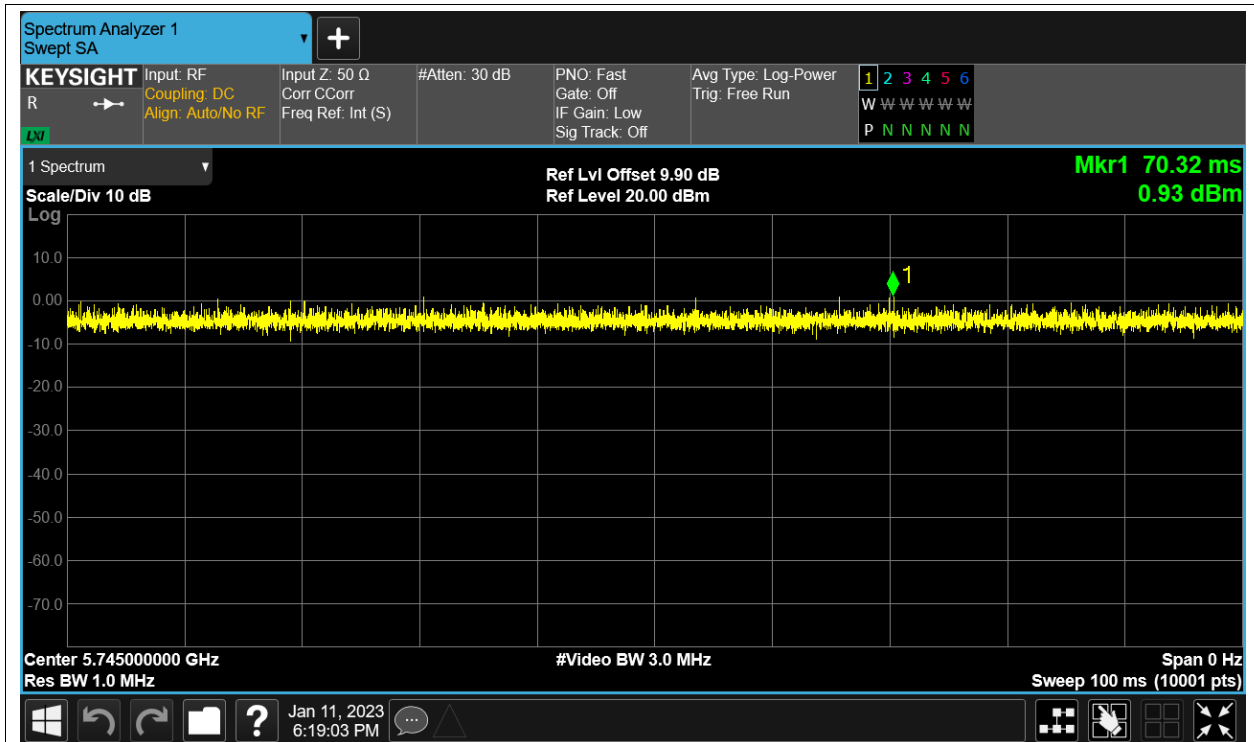
Duty Cycle NVNT ac40 5795MHz Sum



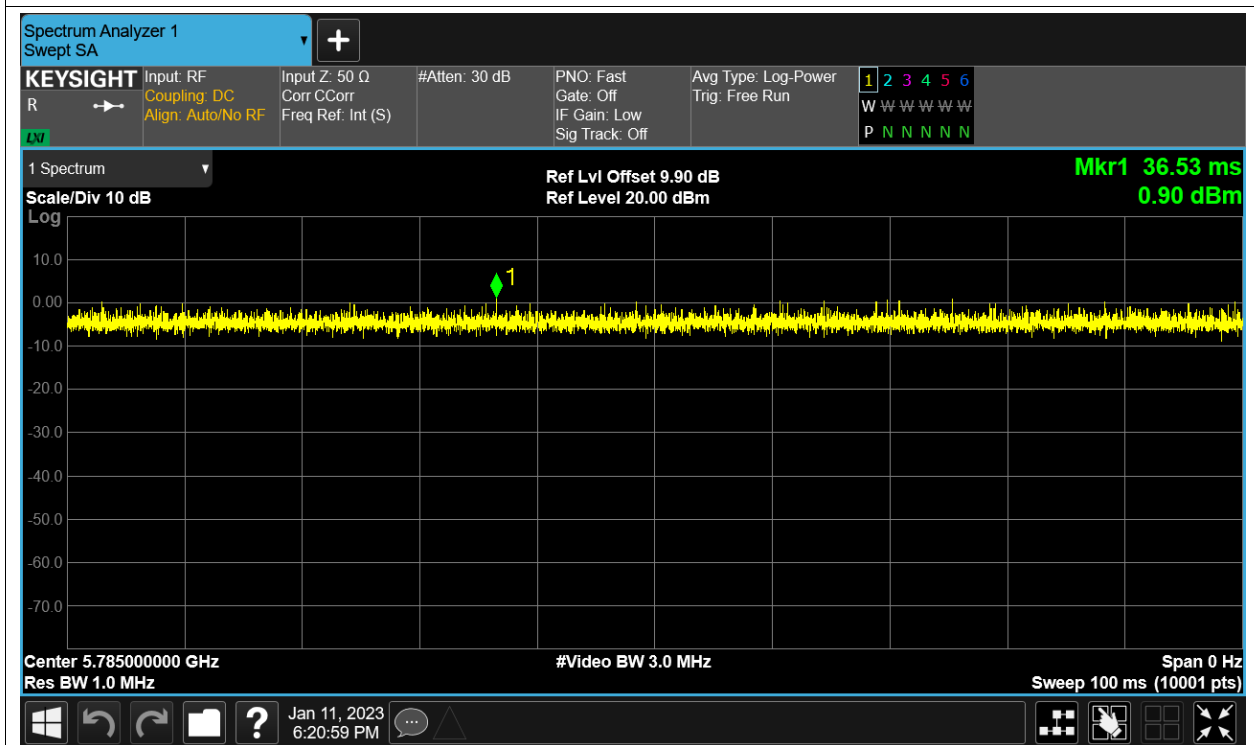
Duty Cycle NVNT ac80 5775MHz Sum



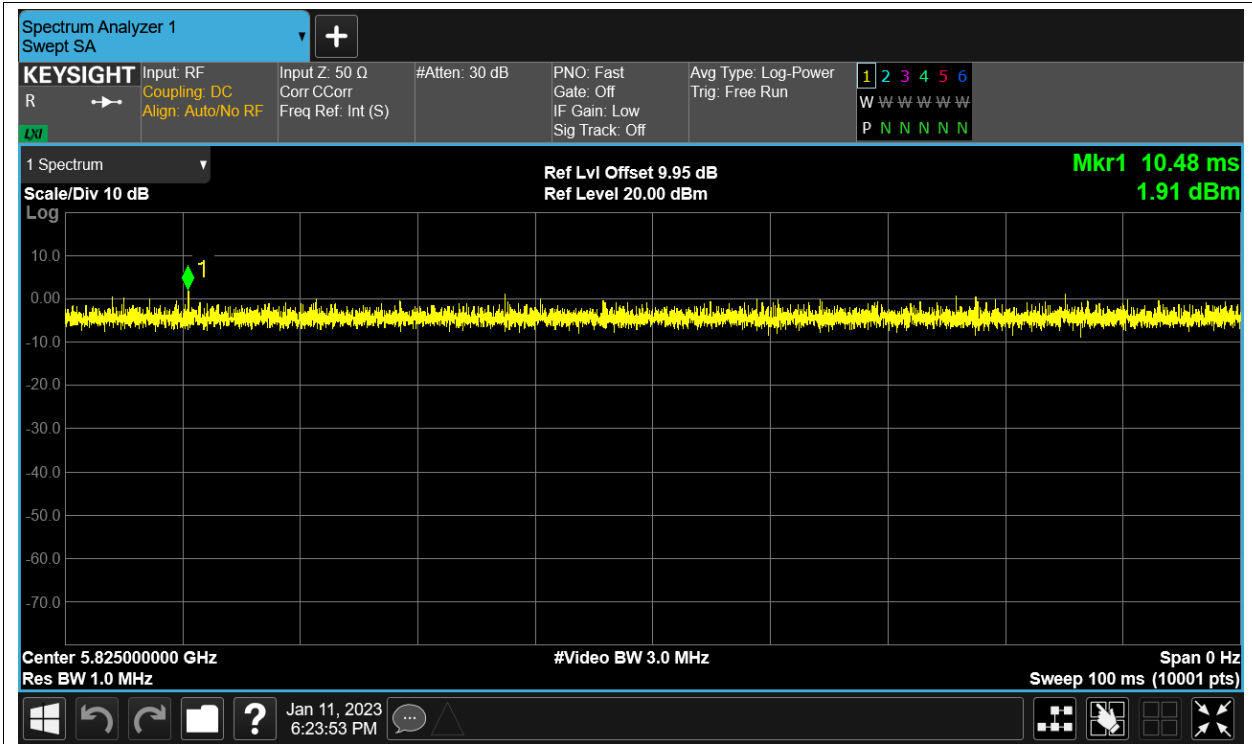
Duty Cycle NVNT ax20 5745MHz Sum



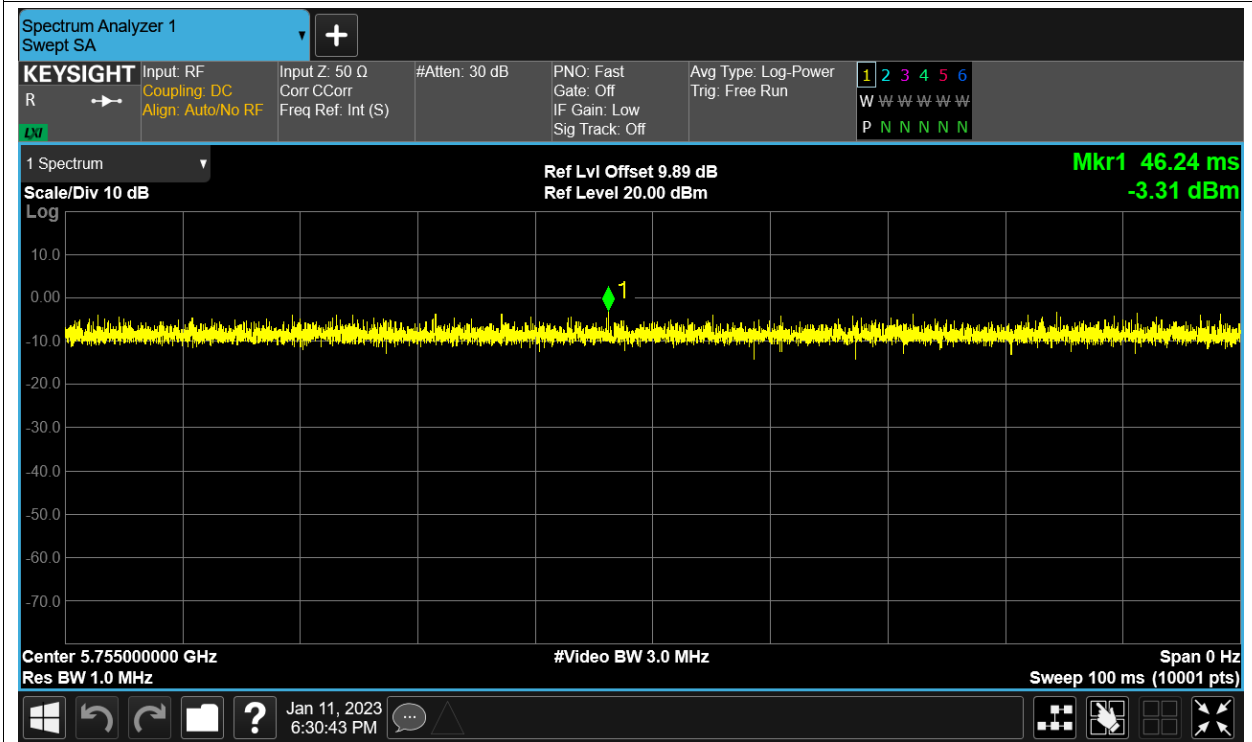
Duty Cycle NVNT ax20 5785MHz Sum



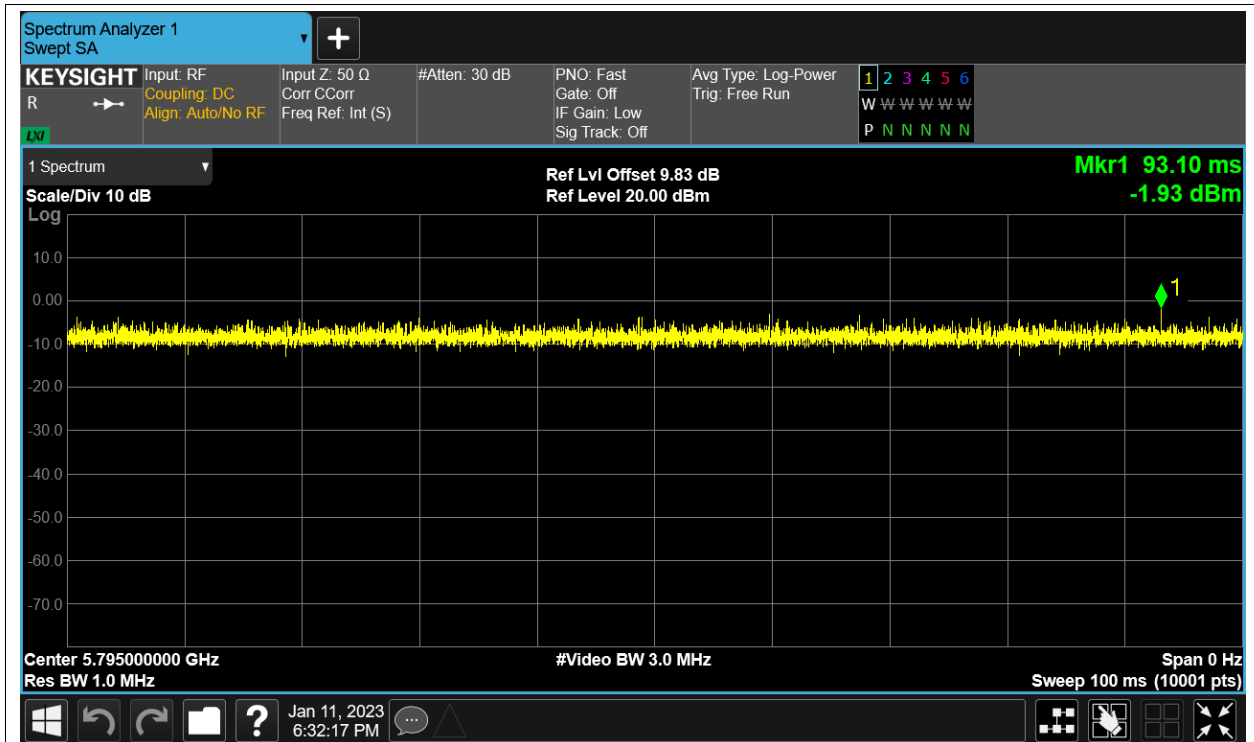
Duty Cycle NVNT ax20 5825MHz Sum



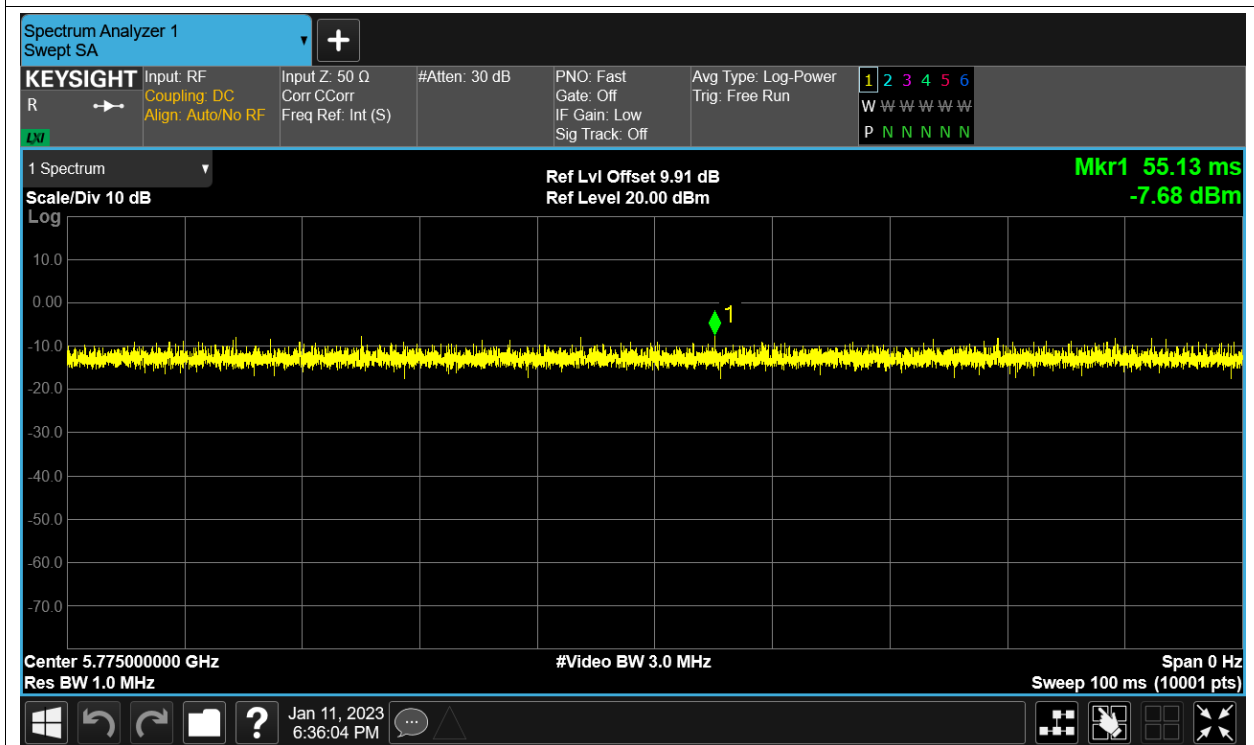
Duty Cycle NVNT ax40 5755MHz Sum



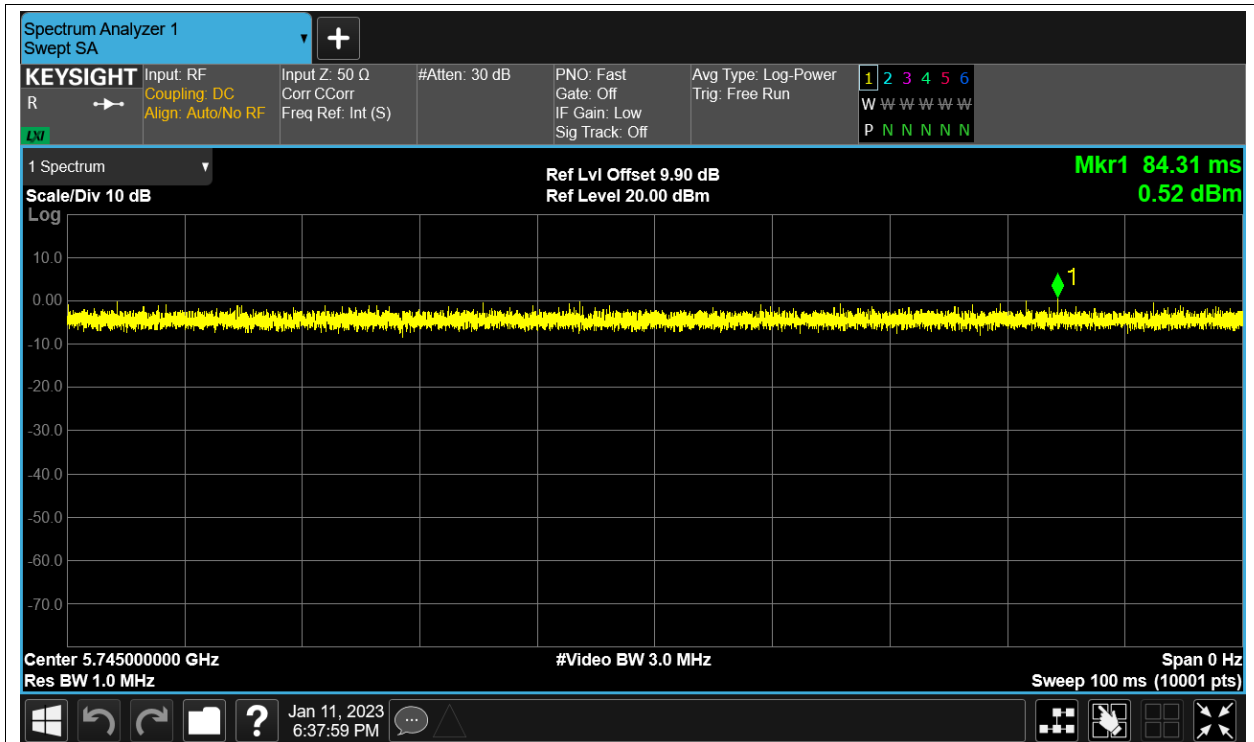
Duty Cycle NVNT ax40 5795MHz Sum



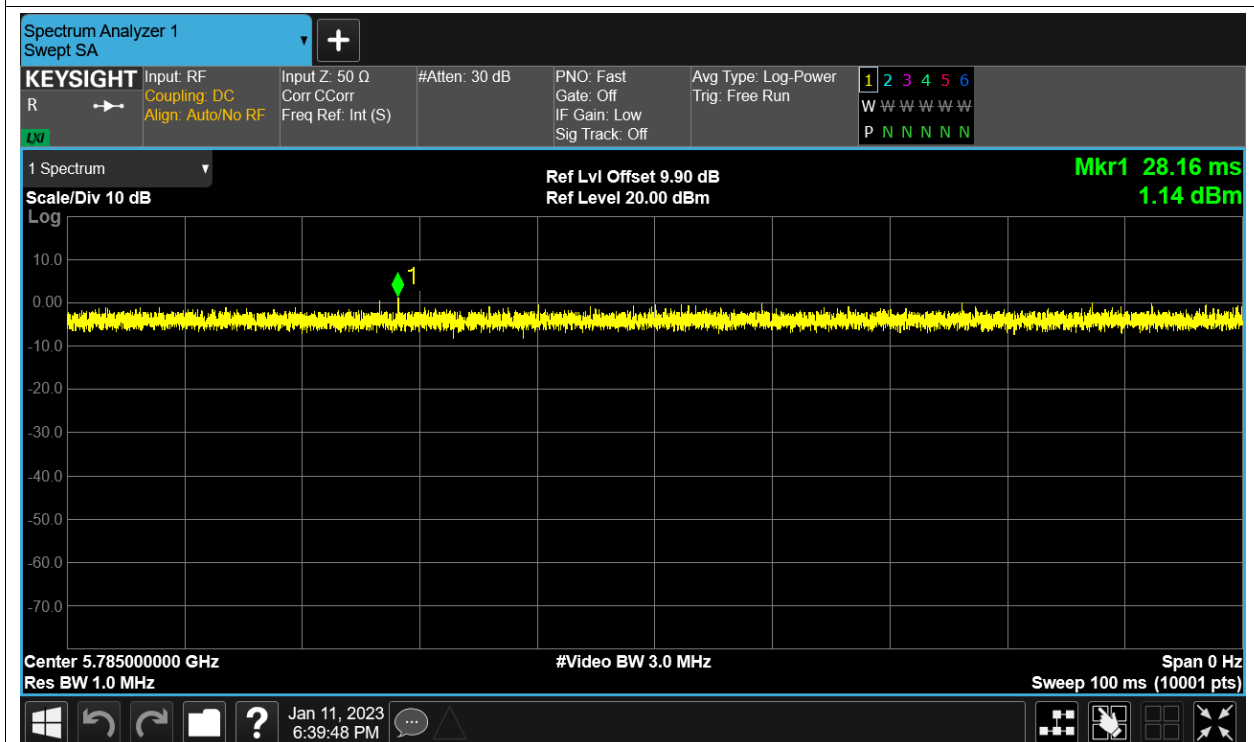
Duty Cycle NVNT ax80 5775MHz Sum



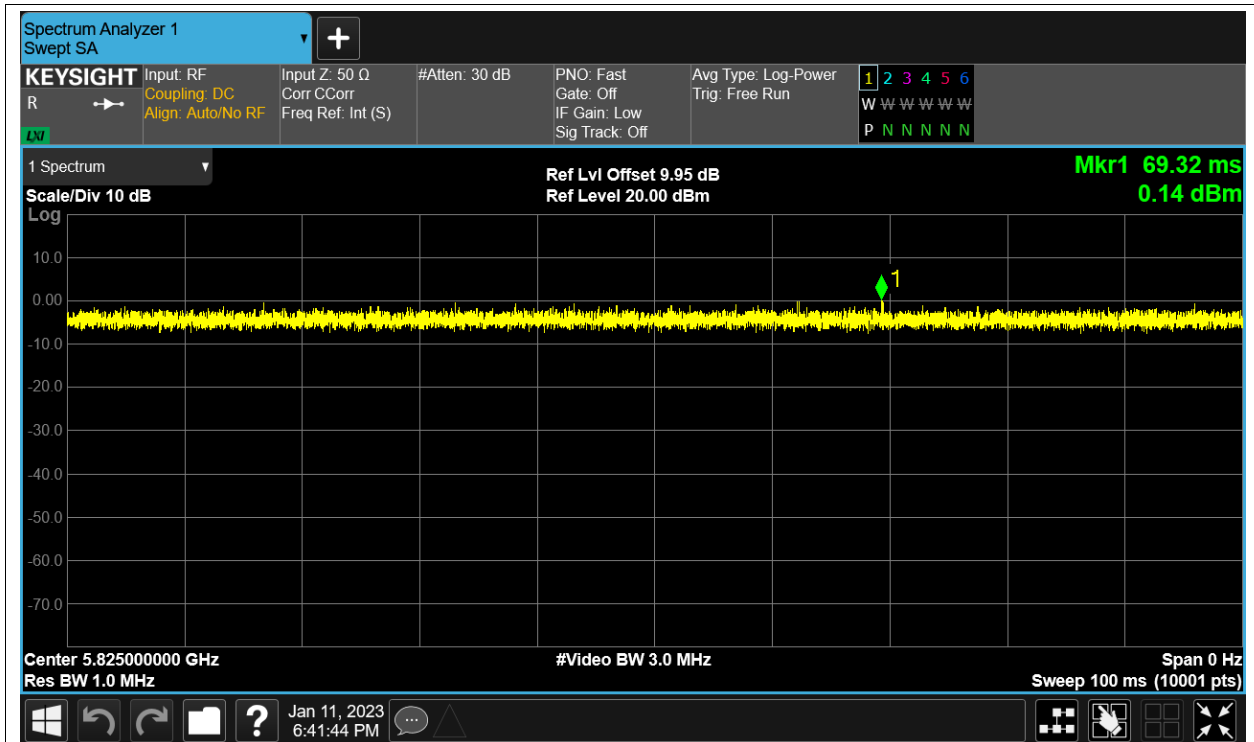
Duty Cycle NVNT n20 5745MHz Sum



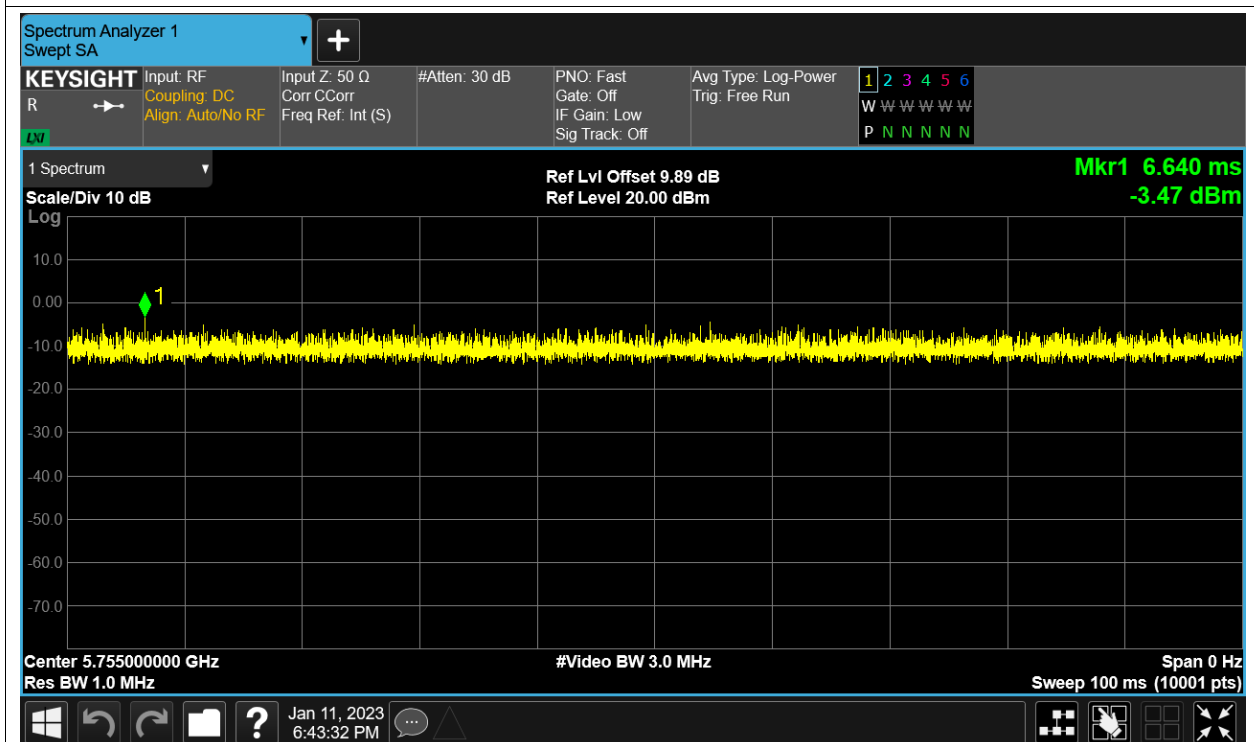
Duty Cycle NVNT n20 5785MHz Sum



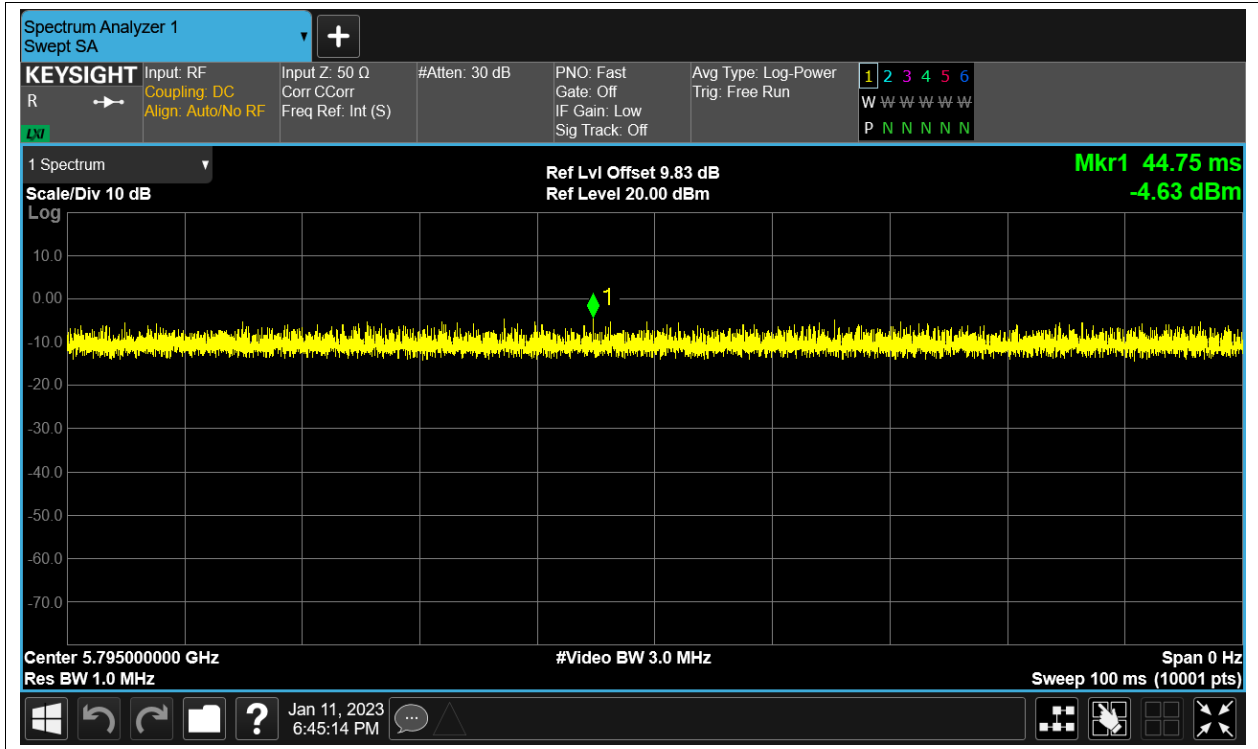
Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant7	8.73	0	8.73	30	Pass
NVNT	a	5785	Ant7	9.32	0	9.32	30	Pass
NVNT	a	5825	Ant7	9.61	0	9.61	30	Pass
NVNT	a	5745	Ant6	9.31	0	9.31	30	Pass
NVNT	a	5785	Ant6	8.37	0	8.37	30	Pass
NVNT	a	5825	Ant6	8.9	0	8.9	30	Pass
NVNT	ac20	5745	Ant7	4.75	0	4.75	30	Pass
NVNT	ac20	5745	Ant6	5.69	0	5.69	30	Pass
NVNT	ac20	5745	Sum	8.256	0	8.256	30	Pass
NVNT	ac20	5785	Ant7	5.19	0	5.19	30	Pass
NVNT	ac20	5785	Ant6	5.52	0	5.52	30	Pass
NVNT	ac20	5785	Sum	8.368	0	8.368	30	Pass
NVNT	ac20	5825	Ant7	5.32	0	5.32	30	Pass
NVNT	ac20	5825	Ant6	5.96	0	5.96	30	Pass
NVNT	ac20	5825	Sum	8.662	0	8.662	30	Pass
NVNT	ac40	5755	Ant7	4.78	0	4.78	30	Pass
NVNT	ac40	5755	Ant6	5.61	0	5.61	30	Pass
NVNT	ac40	5755	Sum	8.225	0	8.225	30	Pass
NVNT	ac40	5795	Ant7	5.24	0	5.24	30	Pass
NVNT	ac40	5795	Ant6	5.39	0	5.39	30	Pass
NVNT	ac40	5795	Sum	8.326	0	8.326	30	Pass
NVNT	ac80	5775	Ant7	4.61	0	4.61	30	Pass
NVNT	ac80	5775	Ant6	5.21	0	5.21	30	Pass
NVNT	ac80	5775	Sum	7.931	0	7.931	30	Pass
NVNT	ax20	5745	Ant7	3.84	0	3.84	30	Pass
NVNT	ax20	5745	Ant6	4.93	0	4.93	30	Pass
NVNT	ax20	5745	Sum	7.429	0	7.429	30	Pass
NVNT	ax20	5785	Ant7	4.3	0	4.3	30	Pass
NVNT	ax20	5785	Ant6	4.69	0	4.69	30	Pass
NVNT	ax20	5785	Sum	7.51	0	7.51	30	Pass
NVNT	ax20	5825	Ant7	4.76	0	4.76	30	Pass
NVNT	ax20	5825	Ant6	5.01	0	5.01	30	Pass
NVNT	ax20	5825	Sum	7.897	0	7.897	30	Pass
NVNT	ax40	5755	Ant7	4	0	4	30	Pass
NVNT	ax40	5755	Ant6	4.96	0	4.96	30	Pass
NVNT	ax40	5755	Sum	7.517	0	7.517	30	Pass
NVNT	ax40	5795	Ant7	4.51	0	4.51	30	Pass
NVNT	ax40	5795	Ant6	4.64	0	4.64	30	Pass
NVNT	ax40	5795	Sum	7.586	0	7.586	30	Pass
NVNT	ax80	5775	Ant7	3.91	0	3.91	30	Pass

NVNT	ax80	5775	Ant6	4.6	0	4.6	30	Pass
NVNT	ax80	5775	Sum	7.279	0	7.279	30	Pass
NVNT	n20	5745	Ant7	4.7	0	4.7	39	Pass
NVNT	n20	5745	Ant6	5.71	0	5.71	39	Pass
NVNT	n20	5745	Sum	8.245	0	8.245	39	Pass
NVNT	n20	5785	Ant7	5.28	0	5.28	30	Pass
NVNT	n20	5785	Ant6	5.52	0	5.52	30	Pass
NVNT	n20	5785	Sum	8.412	0	8.412	30	Pass
NVNT	n20	5825	Ant7	5.39	0	5.39	30	Pass
NVNT	n20	5825	Ant6	5.98	0	5.98	30	Pass
NVNT	n20	5825	Sum	8.705	0	8.705	30	Pass
NVNT	n40	5755	Ant7	4.89	0	4.89	30	Pass
NVNT	n40	5755	Ant6	5.68	0	5.68	30	Pass
NVNT	n40	5755	Sum	8.313	0	8.313	30	Pass
NVNT	n40	5795	Ant7	5.28	0	5.28	30	Pass
NVNT	n40	5795	Ant6	5.47	0	5.47	30	Pass
NVNT	n40	5795	Sum	8.386	0	8.386	30	Pass

-6dB Bandwidth

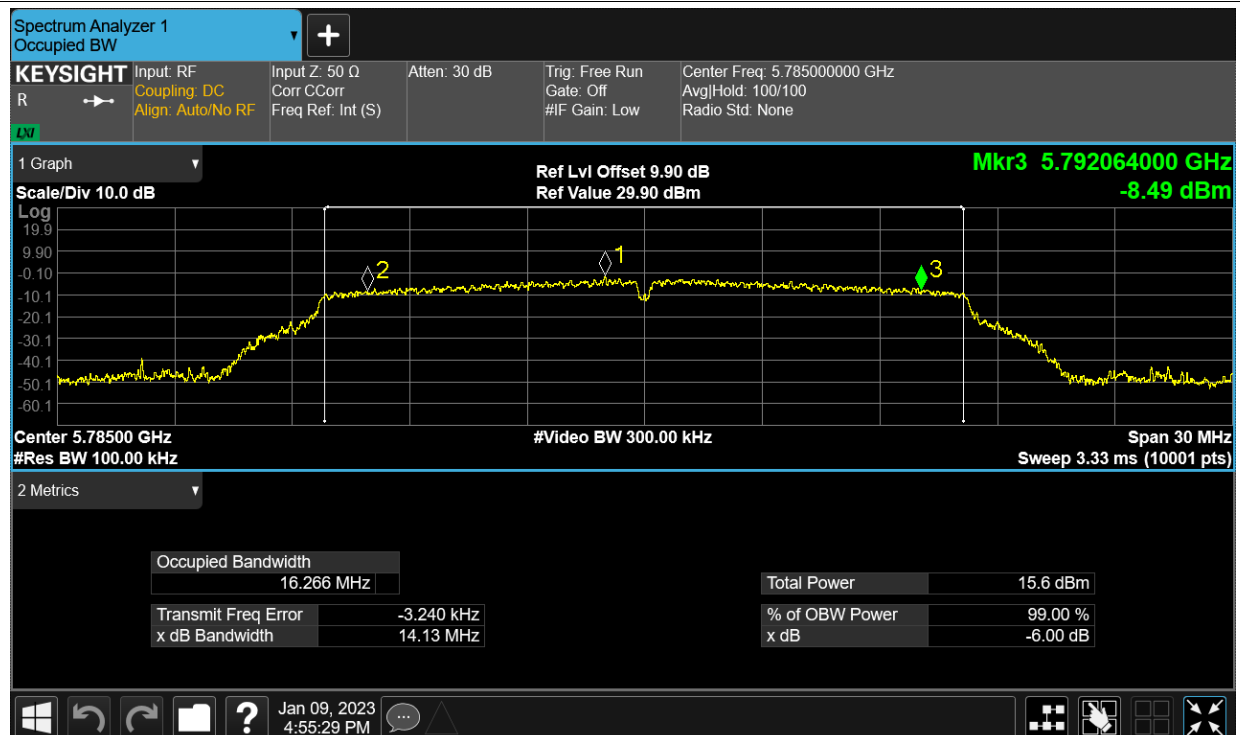
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant7	15.31	0.5	Pass
NVNT	a	5785	Ant7	14.134	0.5	Pass
NVNT	a	5825	Ant7	16.319	0.5	Pass
NVNT	a	5745	Ant6	15.761	0.5	Pass
NVNT	a	5785	Ant6	16.318	0.5	Pass
NVNT	a	5825	Ant6	15.643	0.5	Pass
NVNT	ac20	5745	Ant7	17.339	0.5	Pass
NVNT	ac20	5745	Ant6	16.276	0.5	Pass
NVNT	ac20	5785	Ant7	17.536	0.5	Pass
NVNT	ac20	5785	Ant6	16.548	0.5	Pass
NVNT	ac20	5825	Ant7	17.538	0.5	Pass
NVNT	ac20	5825	Ant6	16.689	0.5	Pass
NVNT	ac40	5755	Ant7	34.183	0.5	Pass
NVNT	ac40	5755	Ant6	35.923	0.5	Pass
NVNT	ac40	5795	Ant7	35.68	0.5	Pass
NVNT	ac40	5795	Ant6	35.658	0.5	Pass
NVNT	ac80	5775	Ant7	76.373	0.5	Pass
NVNT	ac80	5775	Ant6	76.344	0.5	Pass
NVNT	ax20	5745	Ant7	18.552	0.5	Pass
NVNT	ax20	5745	Ant6	18.746	0.5	Pass
NVNT	ax20	5785	Ant7	18.647	0.5	Pass
NVNT	ax20	5785	Ant6	18.737	0.5	Pass
NVNT	ax20	5825	Ant7	18.785	0.5	Pass
NVNT	ax20	5825	Ant6	18.04	0.5	Pass
NVNT	ax40	5755	Ant7	37.006	0.5	Pass
NVNT	ax40	5755	Ant6	37.897	0.5	Pass
NVNT	ax40	5795	Ant7	37.162	0.5	Pass
NVNT	ax40	5795	Ant6	37.704	0.5	Pass
NVNT	ax80	5775	Ant7	77.861	0.5	Pass
NVNT	ax80	5775	Ant6	77.903	0.5	Pass
NVNT	n20	5745	Ant7	17.079	0.5	Pass
NVNT	n20	5745	Ant6	16.53	0.5	Pass
NVNT	n20	5785	Ant7	16.51	0.5	Pass
NVNT	n20	5785	Ant6	17.3	0.5	Pass
NVNT	n20	5825	Ant7	16.307	0.5	Pass
NVNT	n20	5825	Ant6	16.767	0.5	Pass
NVNT	n40	5755	Ant7	35.667	0.5	Pass
NVNT	n40	5755	Ant6	34.403	0.5	Pass
NVNT	n40	5795	Ant7	34.291	0.5	Pass
NVNT	n40	5795	Ant6	35.918	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant7



-6dB Bandwidth NVNT a 5785MHz Ant7



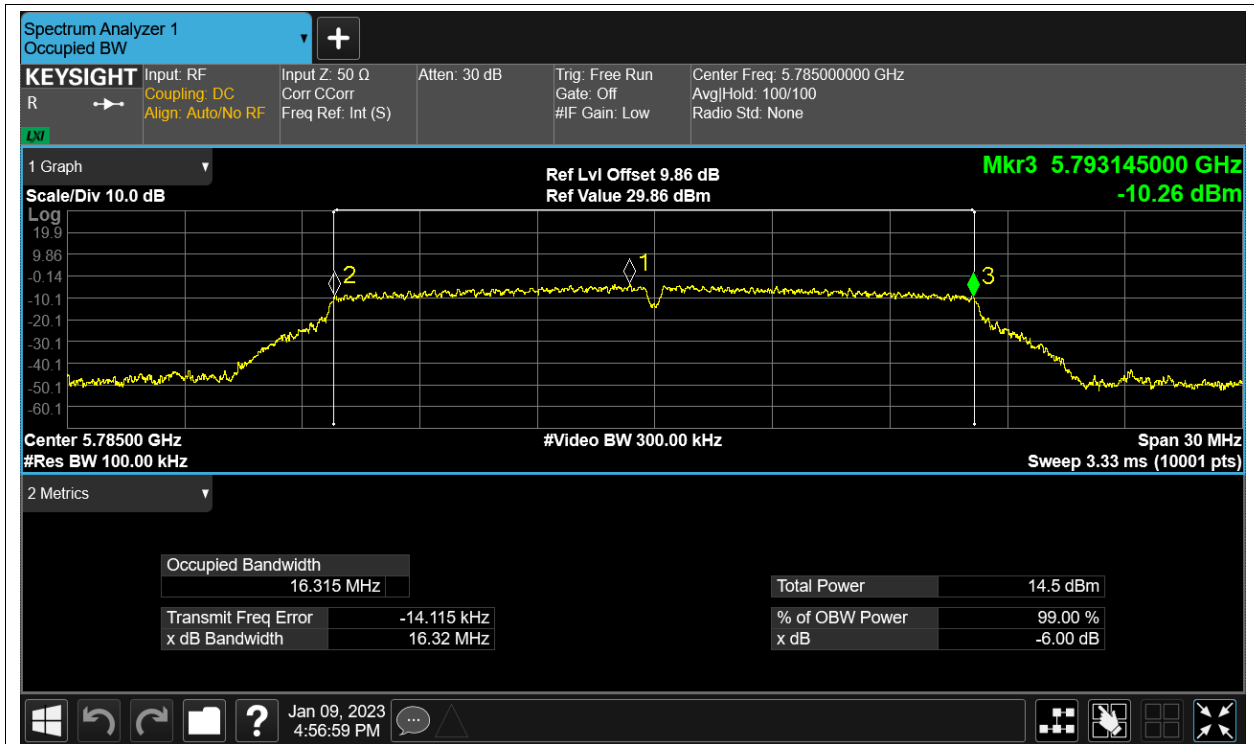
-6dB Bandwidth NVNT a 5825MHz Ant7



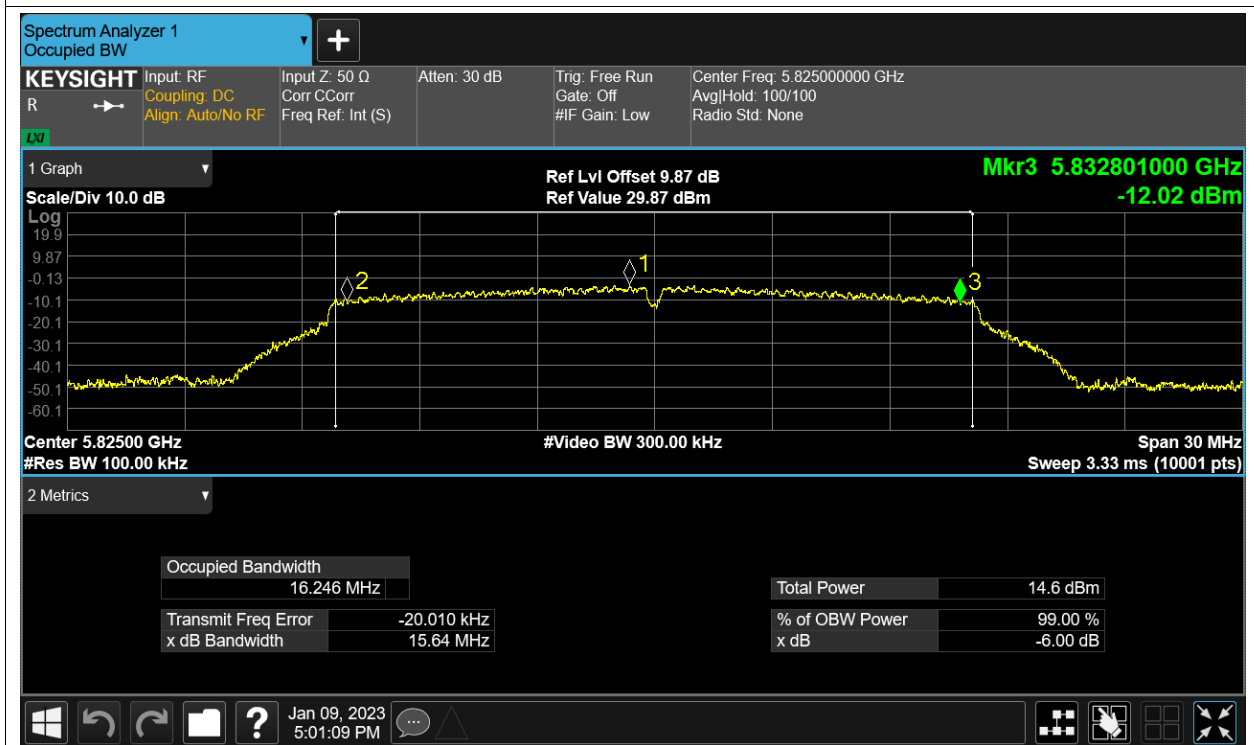
-6dB Bandwidth NVNT a 5745MHz Ant6



-6dB Bandwidth NVNT a 5785MHz Ant6



-6dB Bandwidth NVNT a 5825MHz Ant6



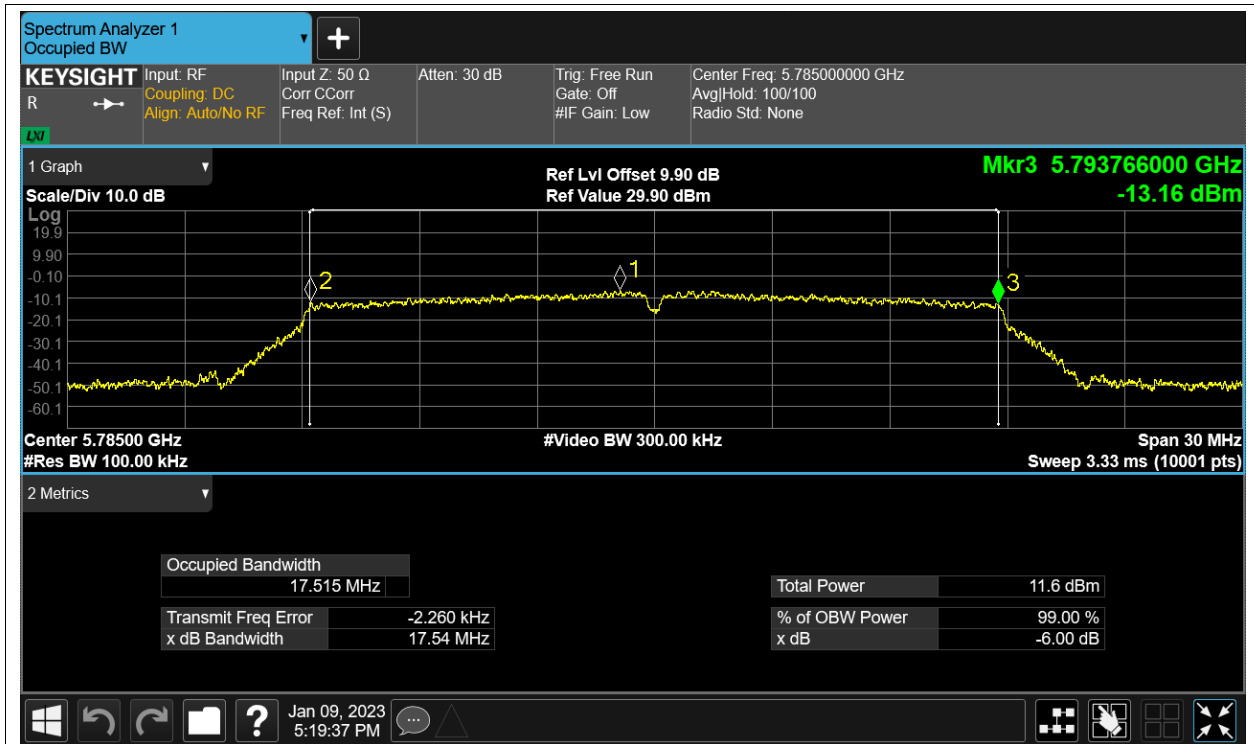
-6dB Bandwidth NVNT ac20 5745MHz Ant7



-6dB Bandwidth NVNT ac20 5745MHz Ant6



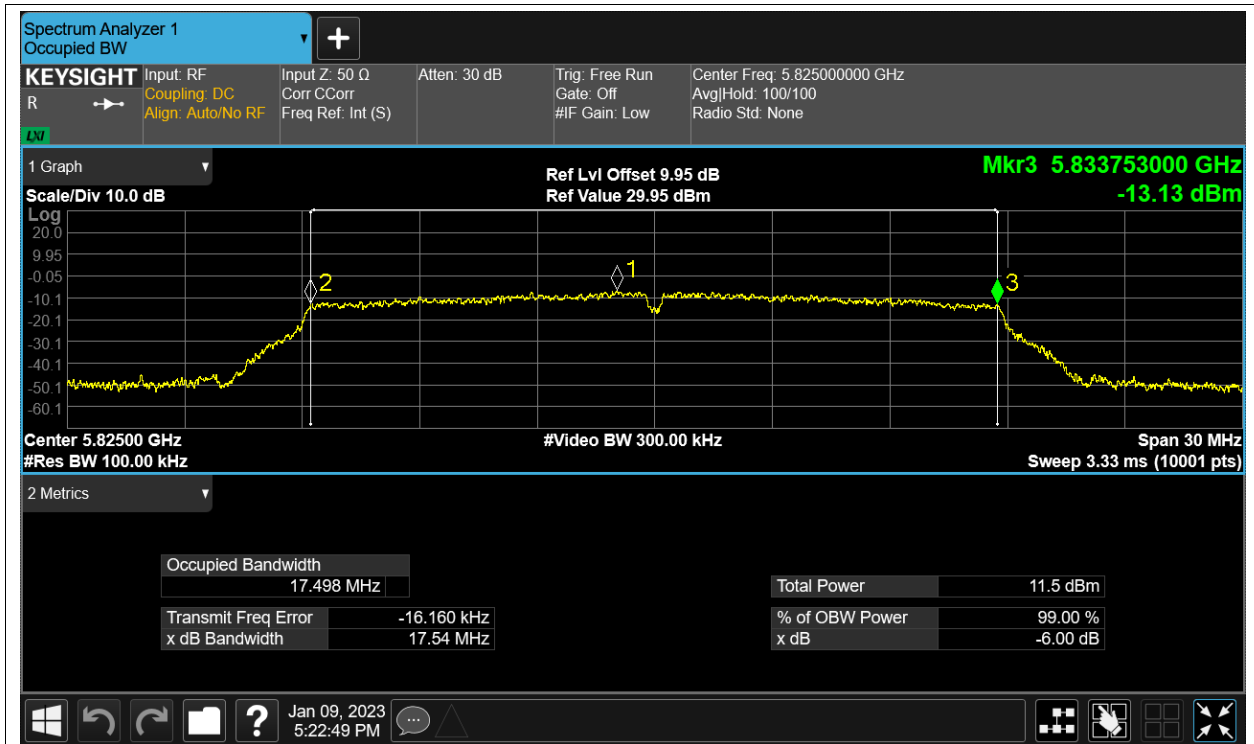
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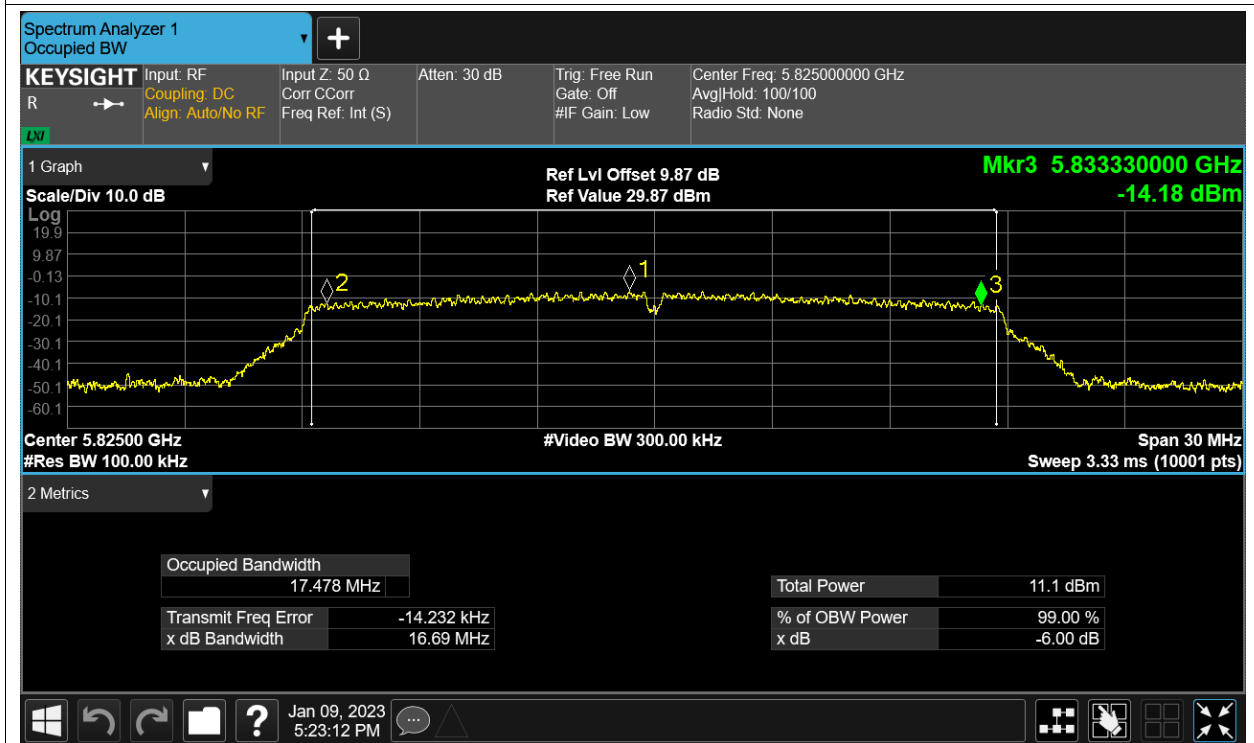
-6dB Bandwidth NVNT ac20 5785MHz Ant6



-6dB Bandwidth NVNT ac20 5825MHz Ant7



-6dB Bandwidth NVNT ac20 5825MHz Ant6



-6dB Bandwidth NVNT ac40 5755MHz Ant7



-6dB Bandwidth NVNT ac40 5755MHz Ant6



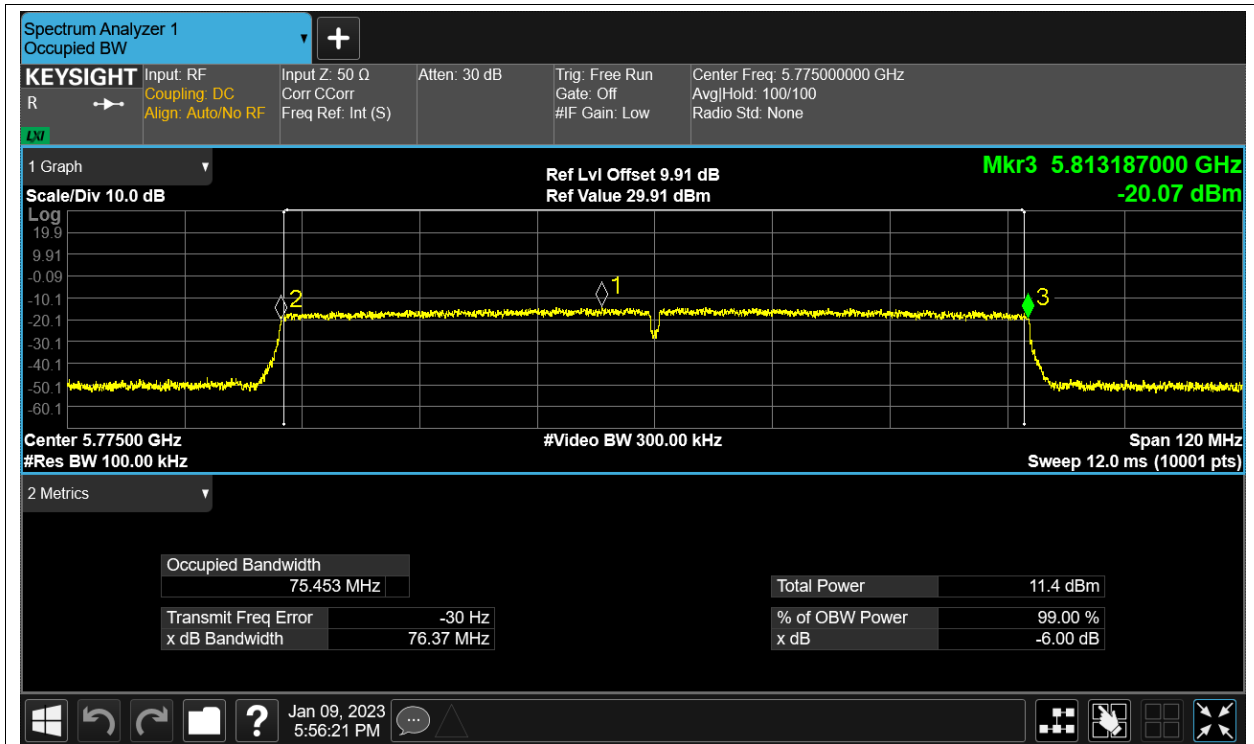
-6dB Bandwidth NVNT ac40 5795MHz Ant7



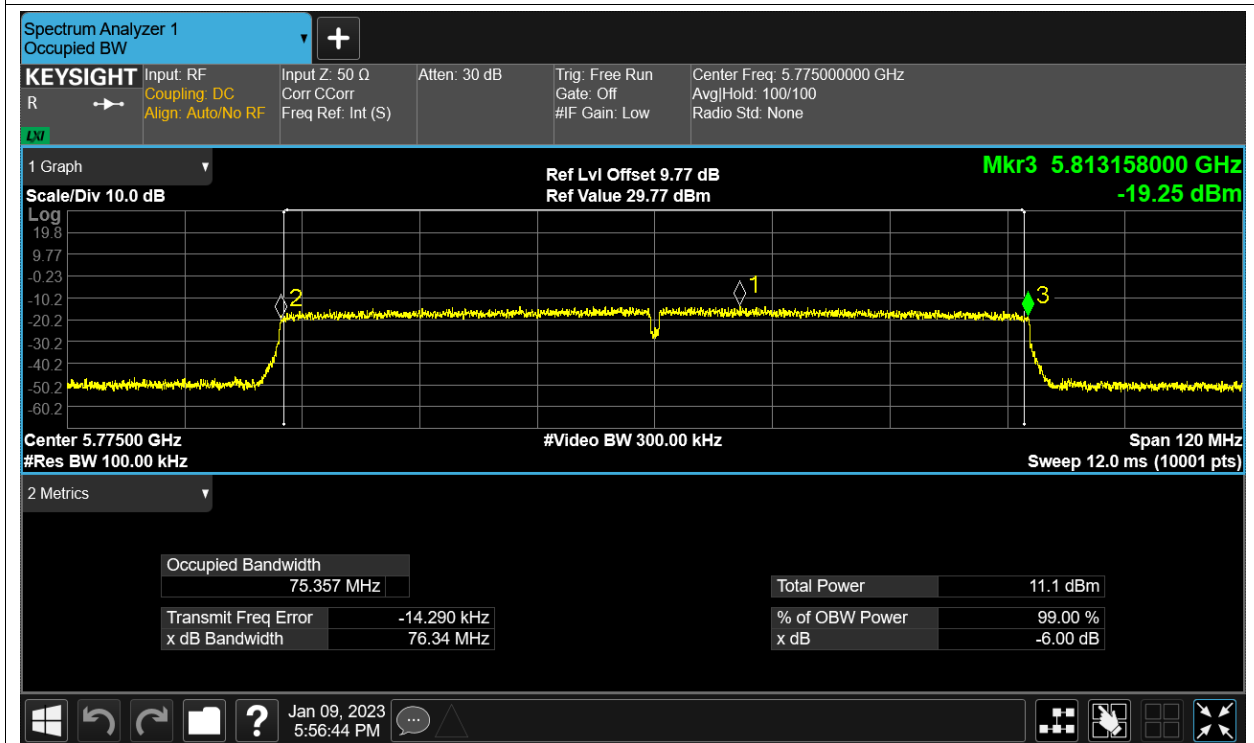
-6dB Bandwidth NVNT ac40 5795MHz Ant6



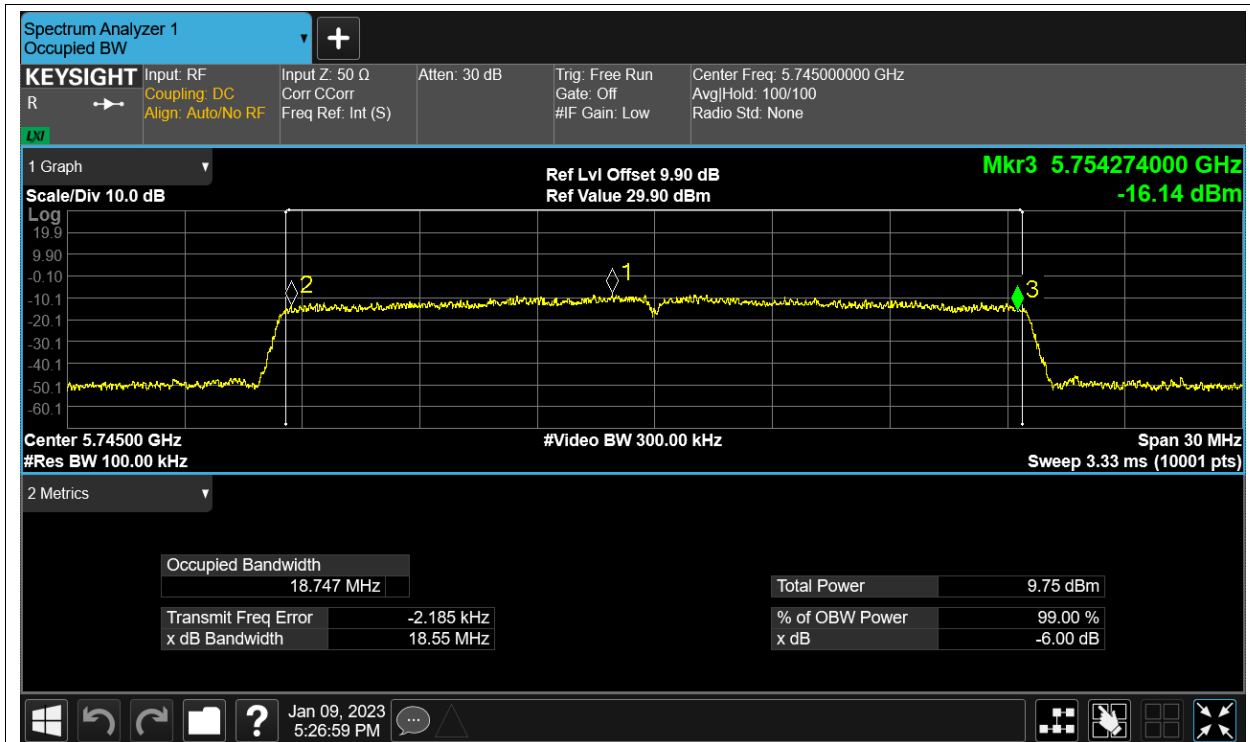
-6dB Bandwidth NVNT ac80 5775MHz Ant7



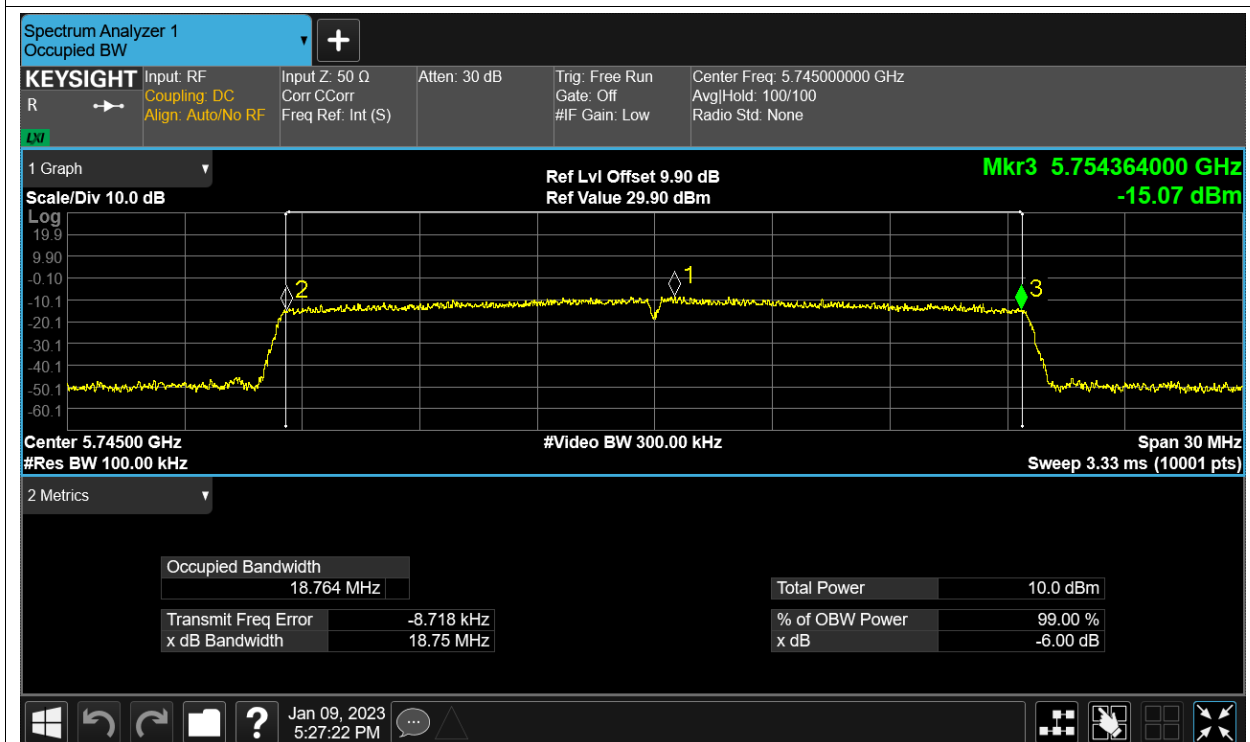
-6dB Bandwidth NVNT ac80 5775MHz Ant6



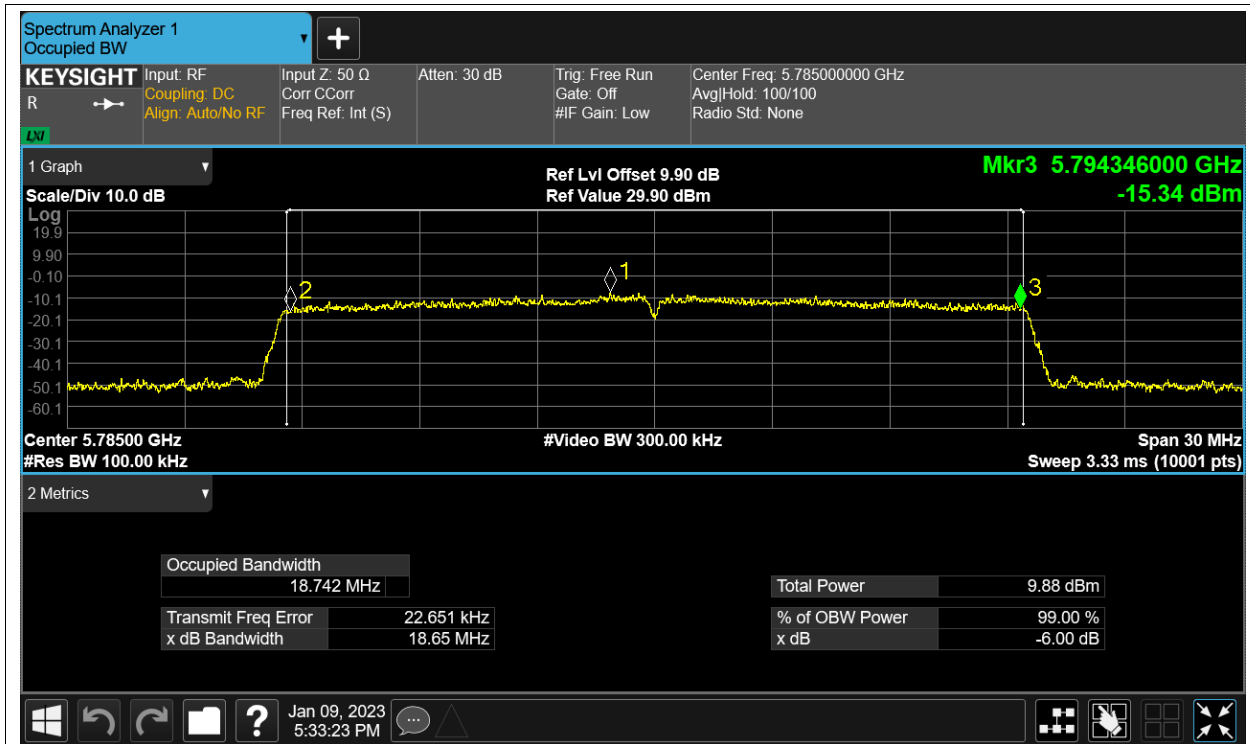
-6dB Bandwidth NVNT ax20 5745MHz Ant7



-6dB Bandwidth NVNT ax20 5745MHz Ant6



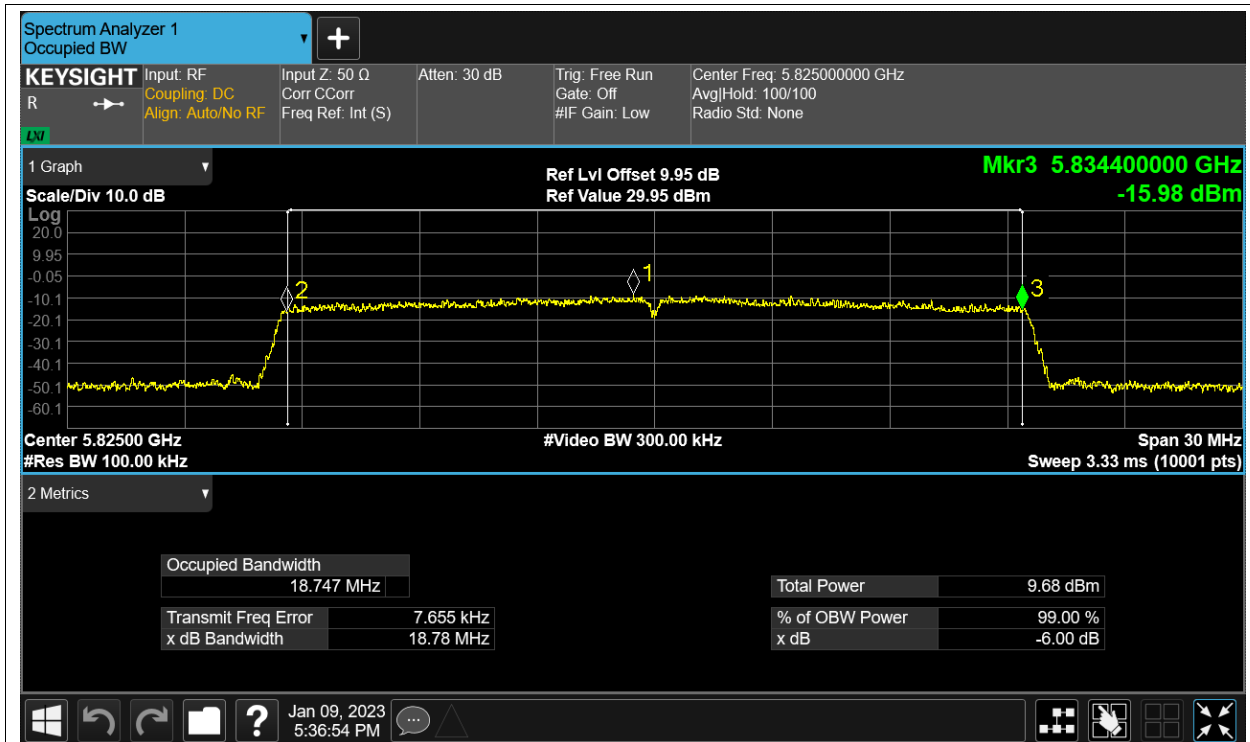
-6dB Bandwidth NVNT ax20 5785MHz Ant7



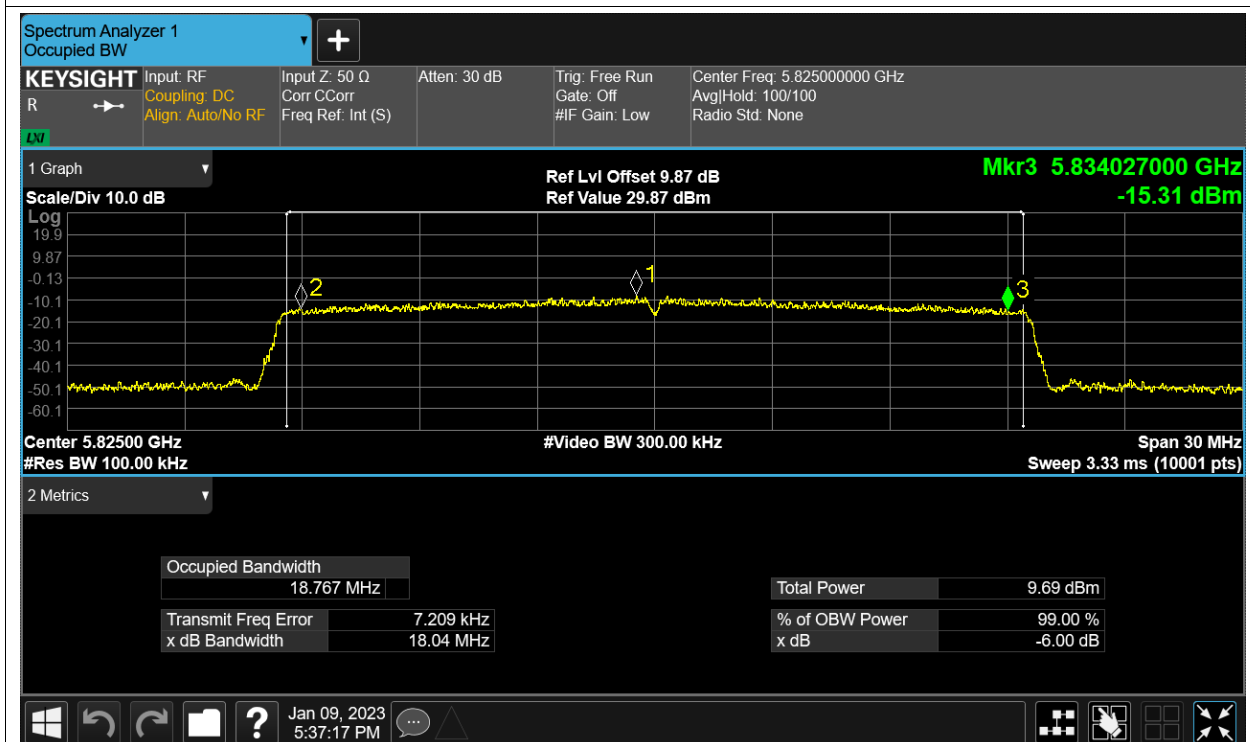
-6dB Bandwidth NVNT ax20 5785MHz Ant6



-6dB Bandwidth NVNT ax20 5825MHz Ant7



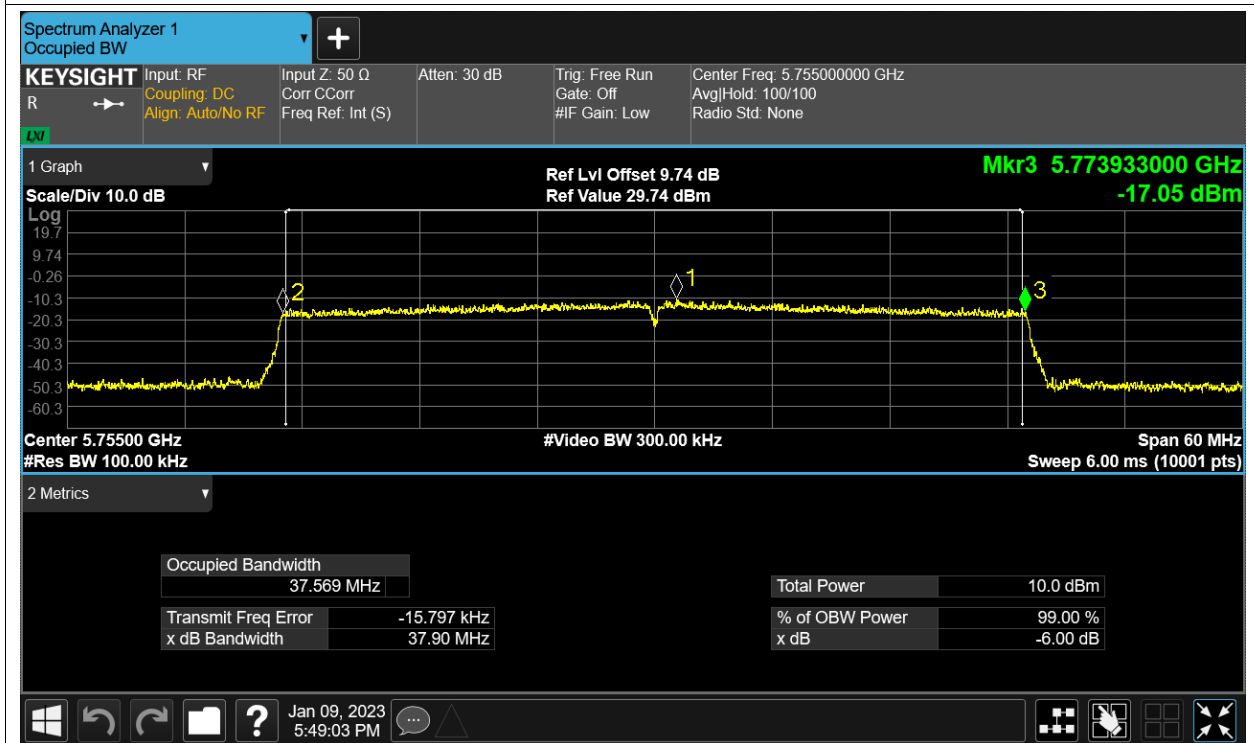
-6dB Bandwidth NVNT ax20 5825MHz Ant6



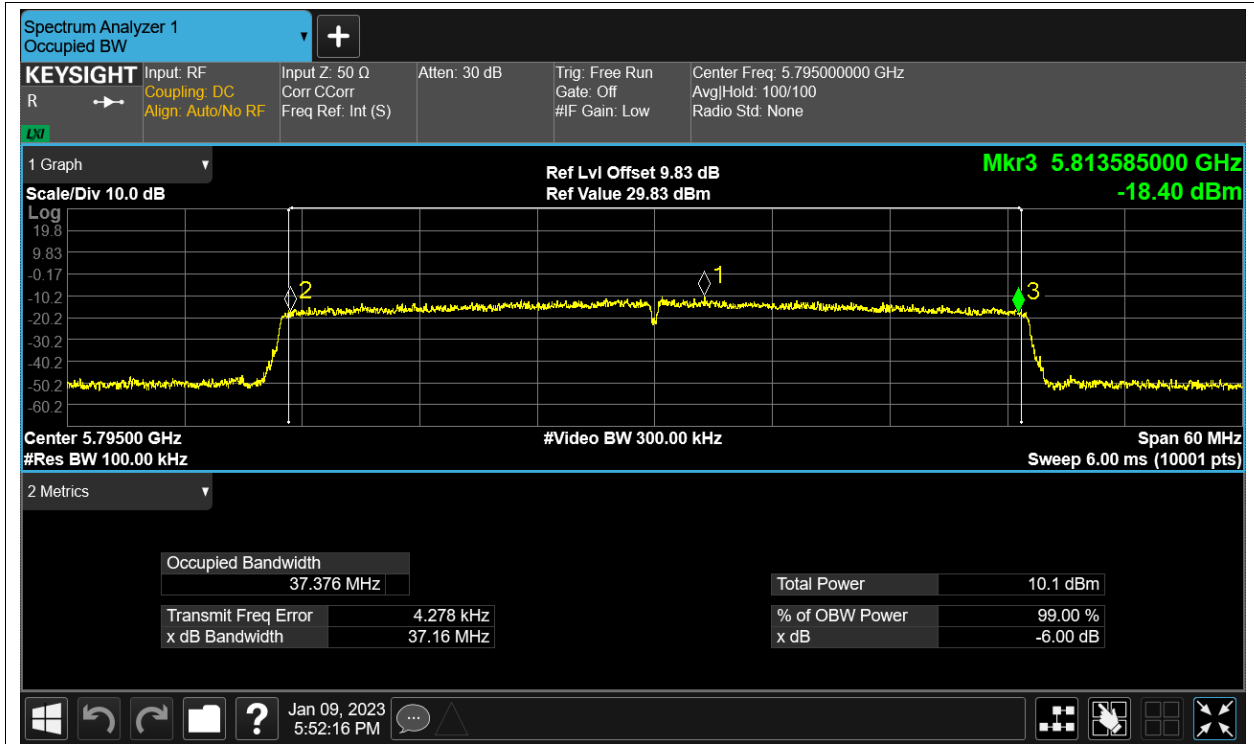
-6dB Bandwidth NVNT ax40 5755MHz Ant7



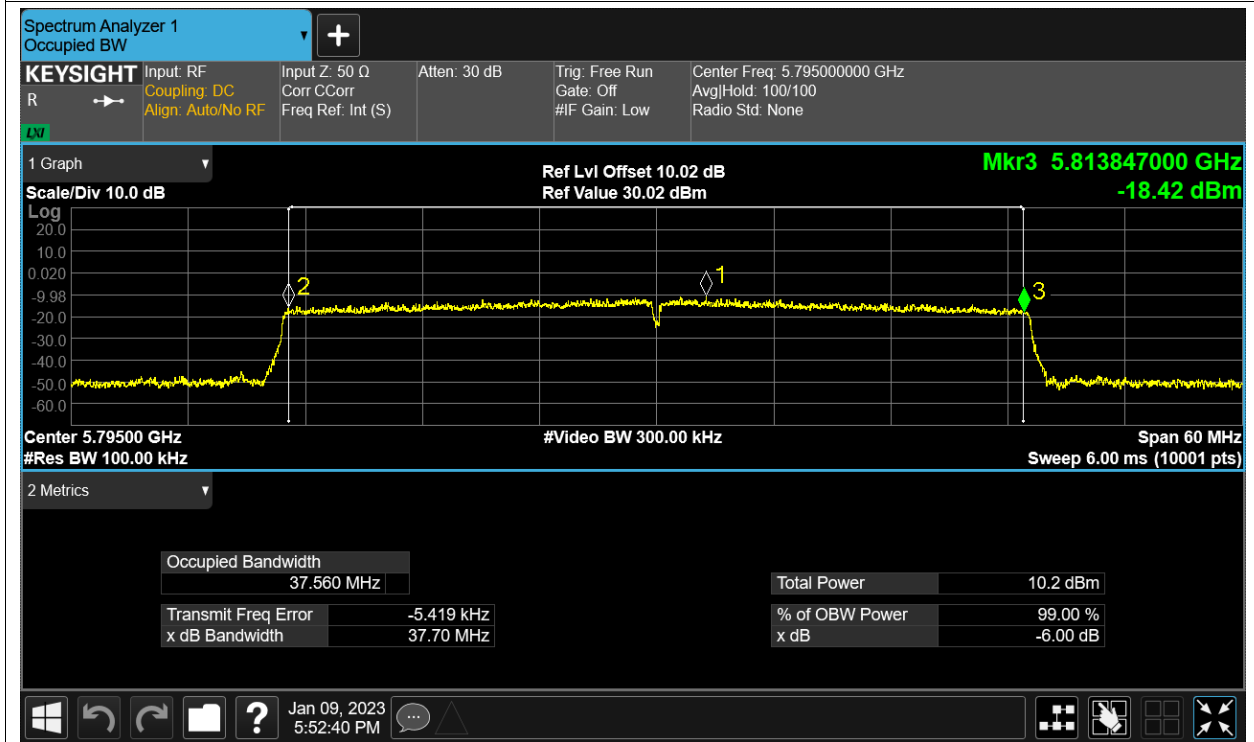
-6dB Bandwidth NVNT ax40 5755MHz Ant6



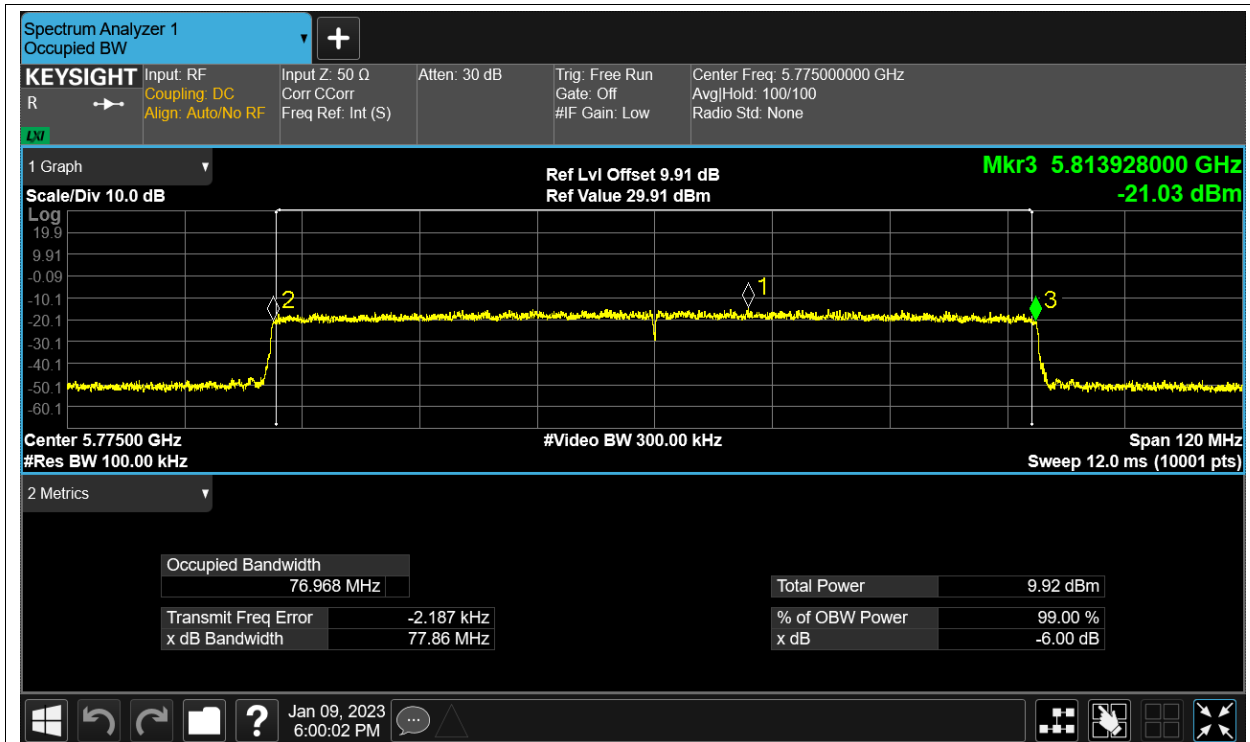
-6dB Bandwidth NVNT ax40 5795MHz Ant7



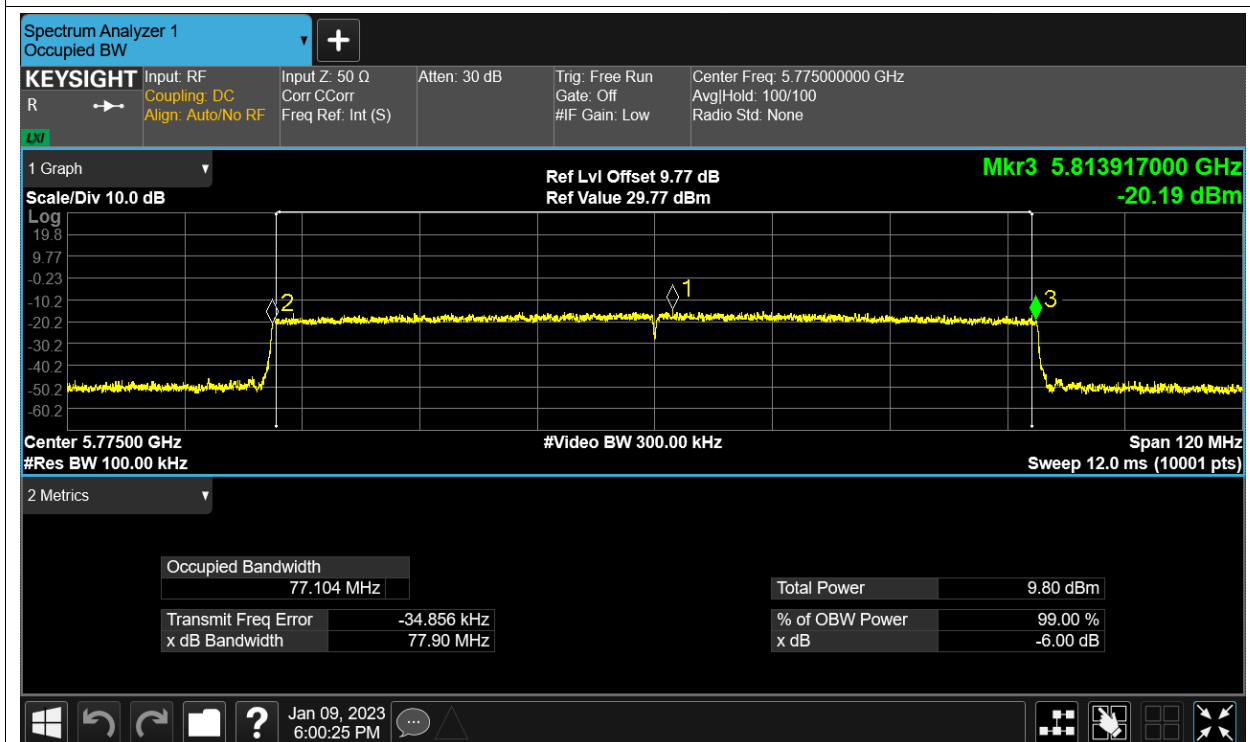
-6dB Bandwidth NVNT ax40 5795MHz Ant6



-6dB Bandwidth NVNT ax80 5775MHz Ant7



-6dB Bandwidth NVNT ax80 5775MHz Ant6



-6dB Bandwidth NVNT n20 5745MHz Ant7