

Test Data

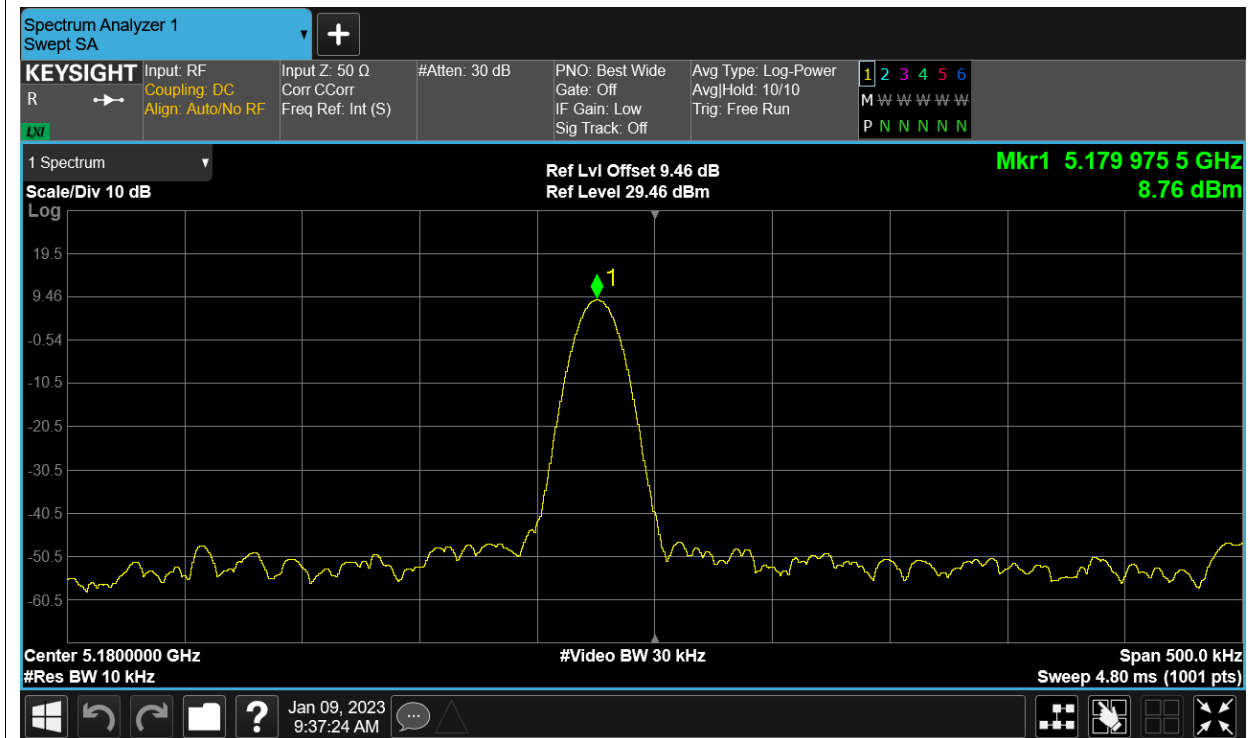
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant7	5179.9755	-4.73	Within authorized band	Pass
HVNT	a	5180	Ant6	5179.9755	-4.73		Pass
LVNT	a	5180	Ant7	5179.9755	-4.73		Pass
LVNT	a	5180	Ant6	5179.9755	-4.73		Pass
NVHT	a	5180	Ant7	5179.9755	-4.73		Pass
NVHT	a	5180	Ant6	5179.9755	-4.73		Pass
NVLT	a	5180	Ant7	5179.9755	-4.73		Pass
NVLT	a	5180	Ant6	5179.9755	-4.73		Pass
NVNT	a	5180	Ant7	5179.976	-4.63		Pass
NVNT	a	5180	Ant6	5179.9755	-4.73		Pass
HVNT	ax20	5180	Sum	5179.9775	-4.34		Pass
LVNT	ax20	5180	Sum	5179.9775	-4.34		Pass
NVHT	ax20	5180	Sum	5179.9775	-4.34		Pass
NVLT	ax20	5180	Sum	5179.9775	-4.34		Pass
NVNT	ax20	5180	Sum	5179.978	-4.25		Pass
HVNT	ax40	5190	Sum	5189.978	-4.24		Pass
LVNT	ax40	5190	Sum	5189.978	-4.24		Pass
NVHT	ax40	5190	Sum	5189.978	-4.24		Pass
NVLT	ax40	5190	Sum	5189.9775	-4.34		Pass
NVNT	ax40	5190	Sum	5189.979	-4.05		Pass
HVNT	ax80	5210	Sum	5209.9775	-4.32		Pass
LVNT	ax80	5210	Sum	5209.9775	-4.32		Pass
NVHT	ax80	5210	Sum	5209.978	-4.22		Pass
NVLT	ax80	5210	Sum	5209.978	-4.22		Pass
NVNT	ax80	5210	Sum	5209.9785	-4.13		Pass
HVNT	n20	5180	Sum	5179.9755	-4.73		Pass
LVNT	n20	5180	Sum	5179.9755	-4.73		Pass
NVHT	n20	5180	Sum	5179.9755	-4.73		Pass
NVLT	n20	5180	Sum	5179.9755	-4.73		Pass
NVNT	n20	5180	Sum	5179.9765	-4.54		Pass
HVNT	n40	5190	Sum	5189.9755	-4.72		Pass
LVNT	n40	5190	Sum	5189.9755	-4.72		Pass
NVHT	n40	5190	Sum	5189.9755	-4.72		Pass
NVLT	n40	5190	Sum	5189.976	-4.62		Pass
NVNT	n40	5190	Sum	5189.977	-4.43		Pass

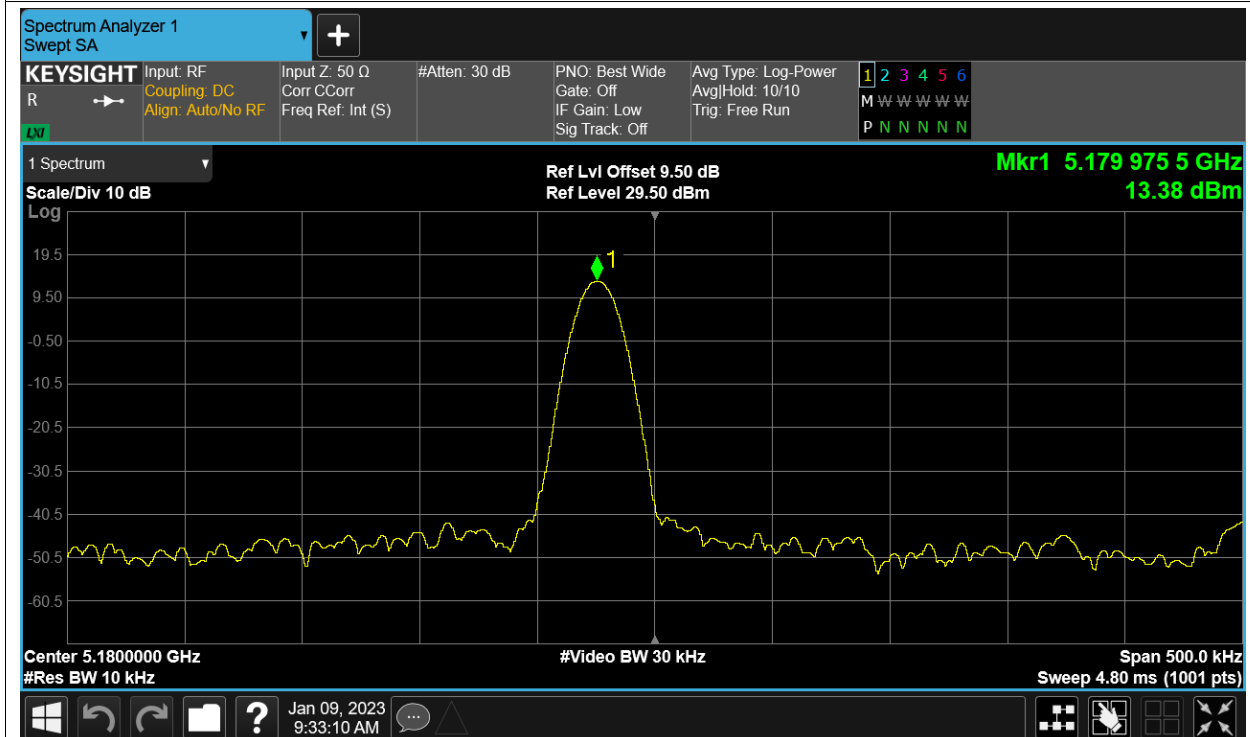
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

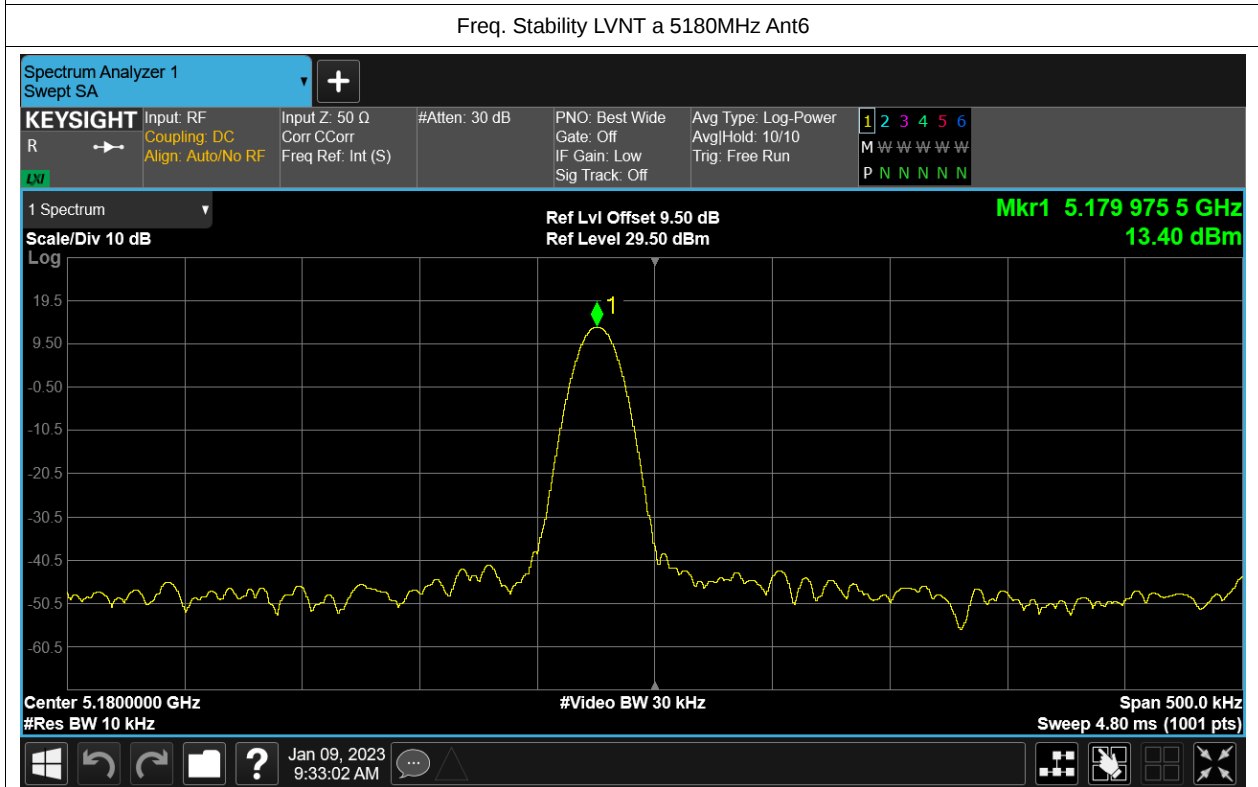
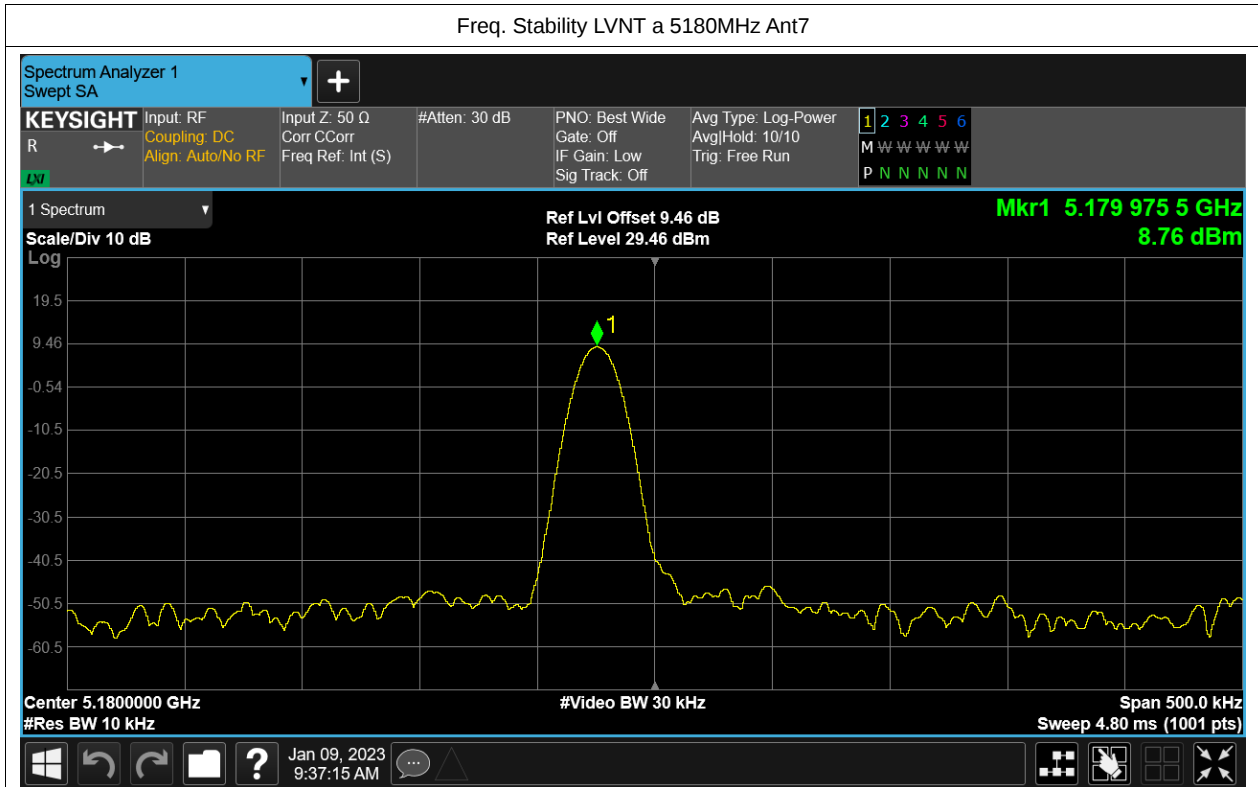
Test Graphs

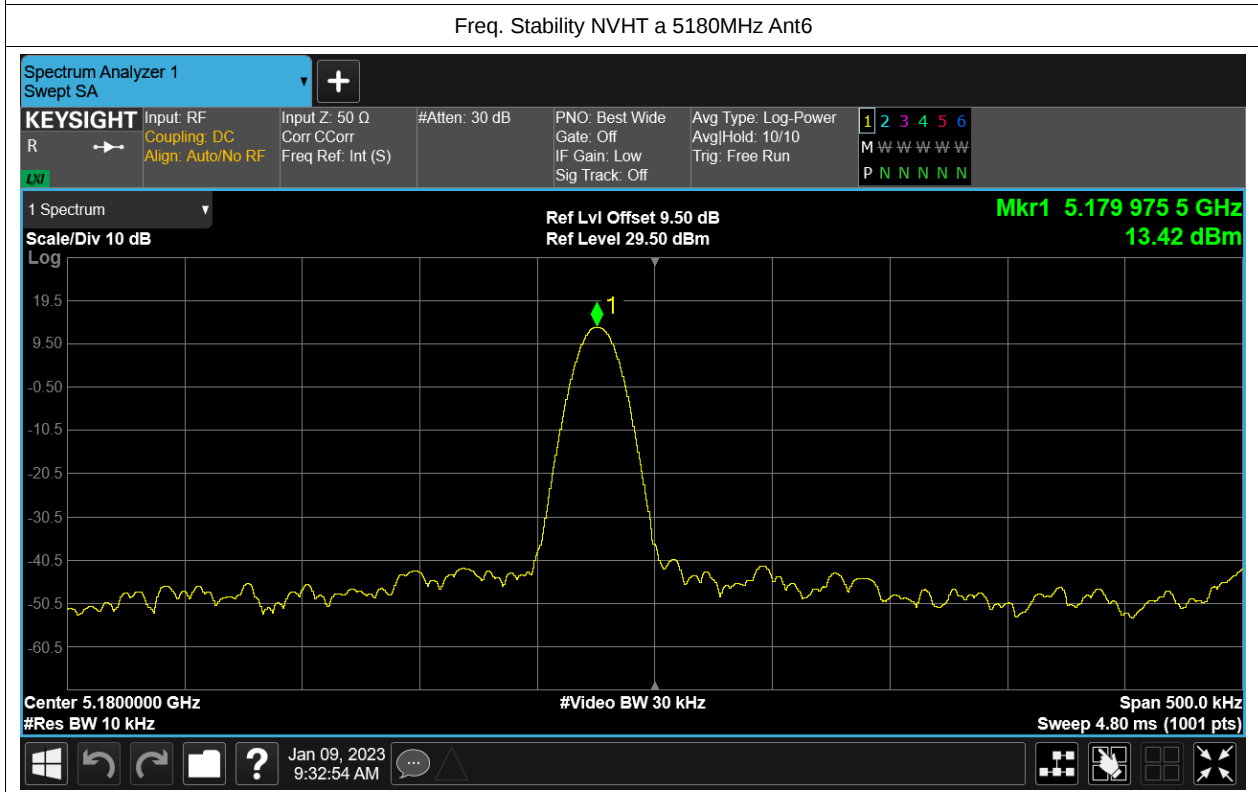
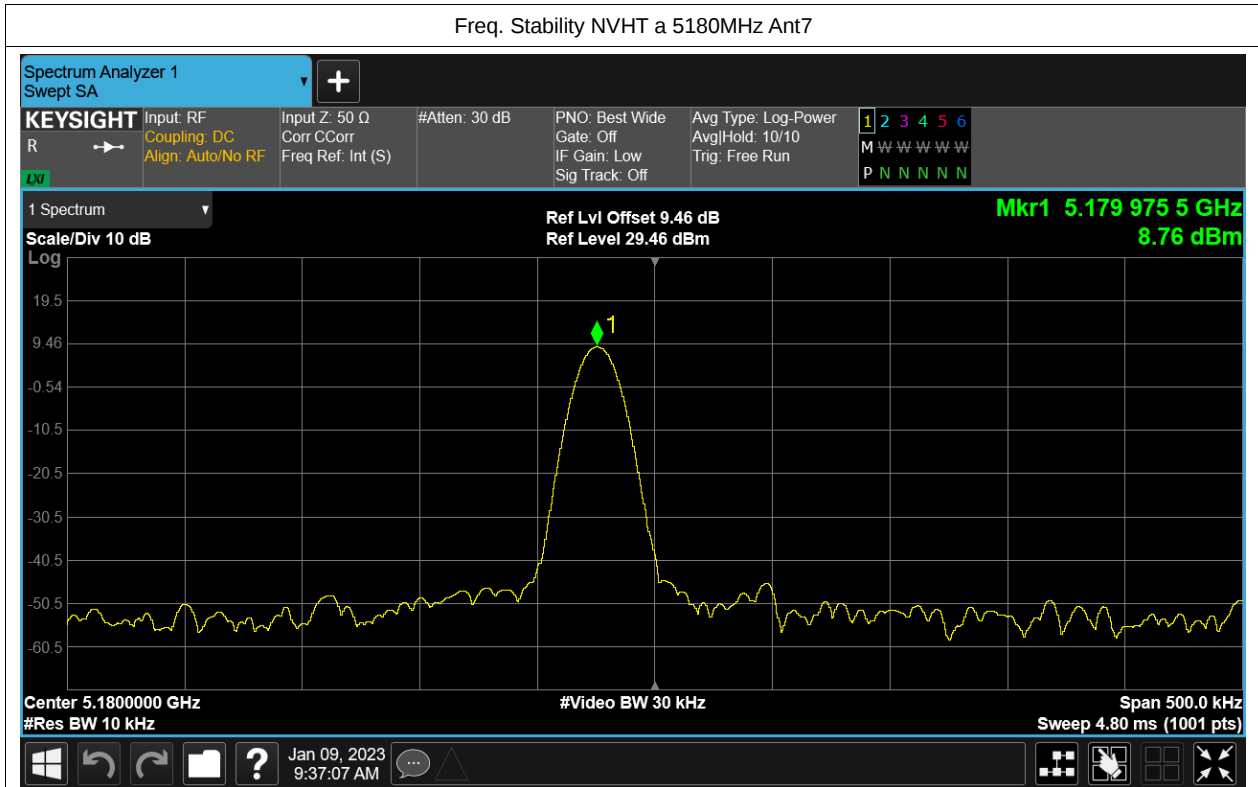
Freq. Stability HVNT a 5180MHz Ant7

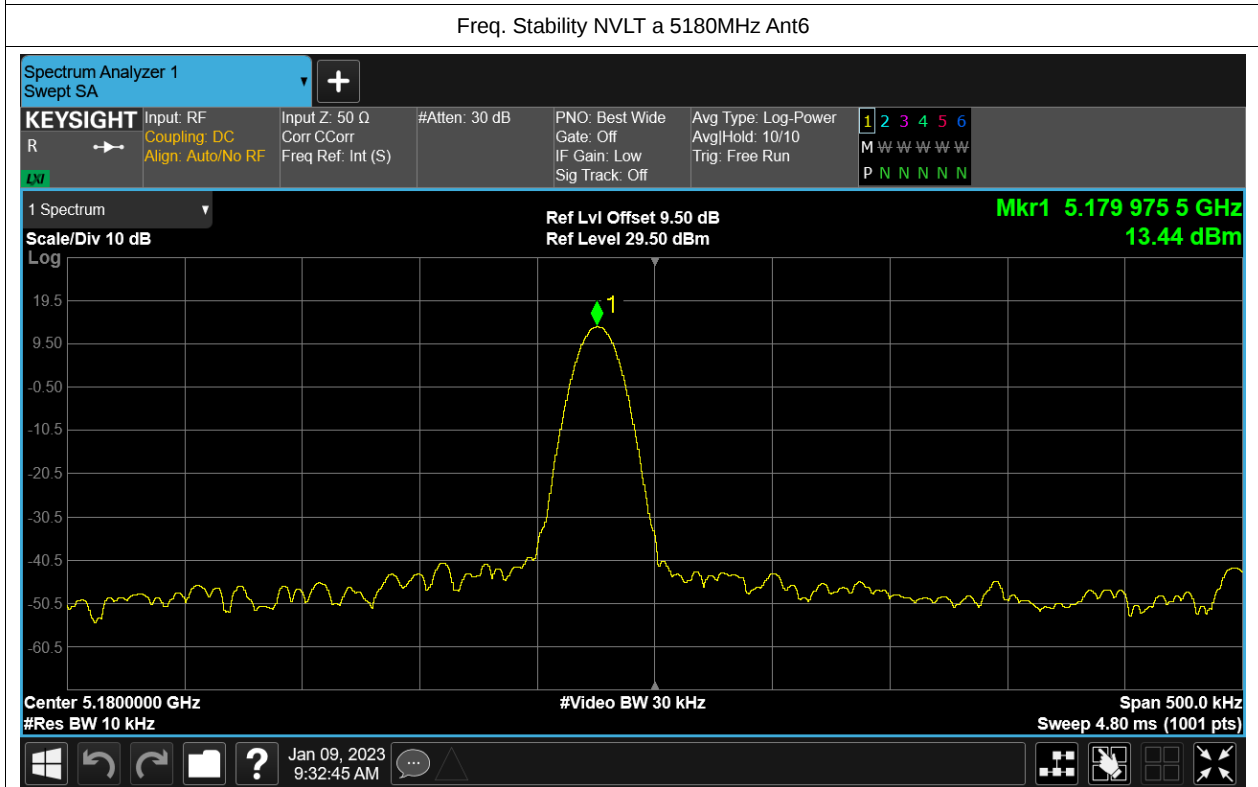
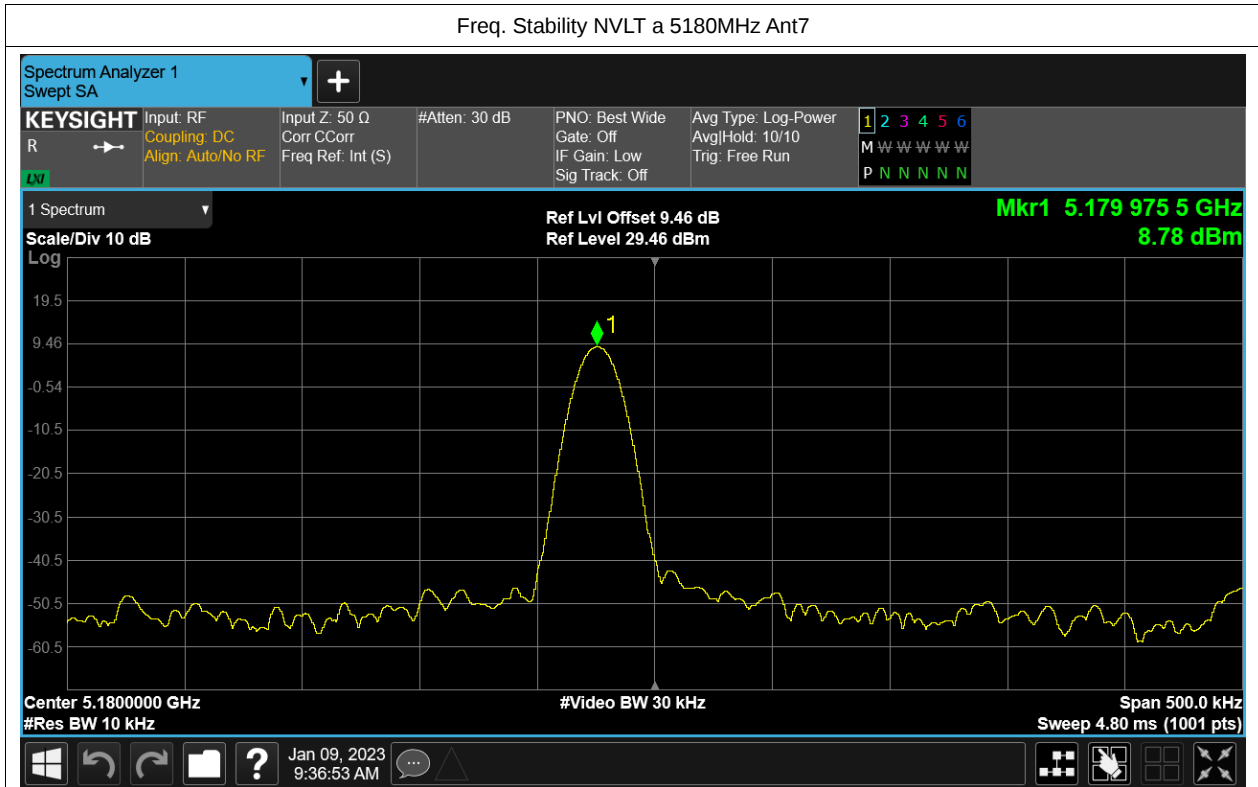


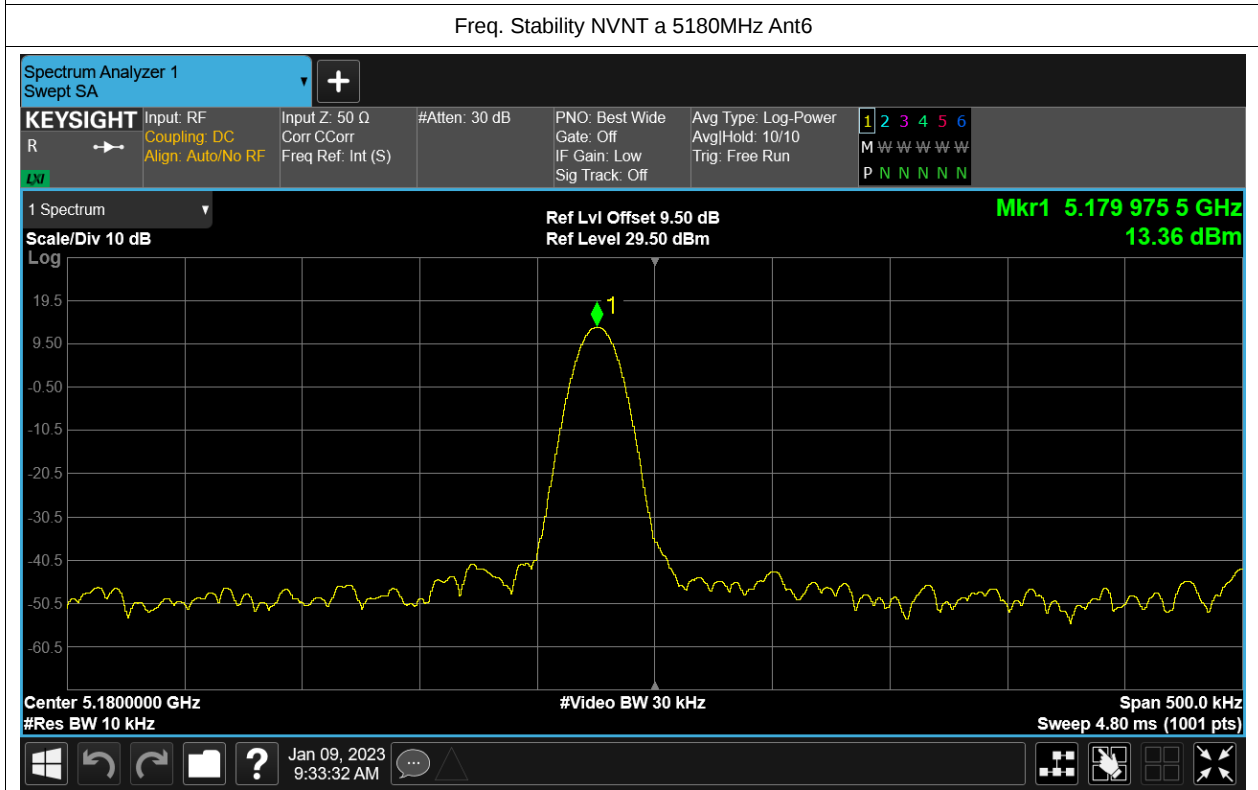
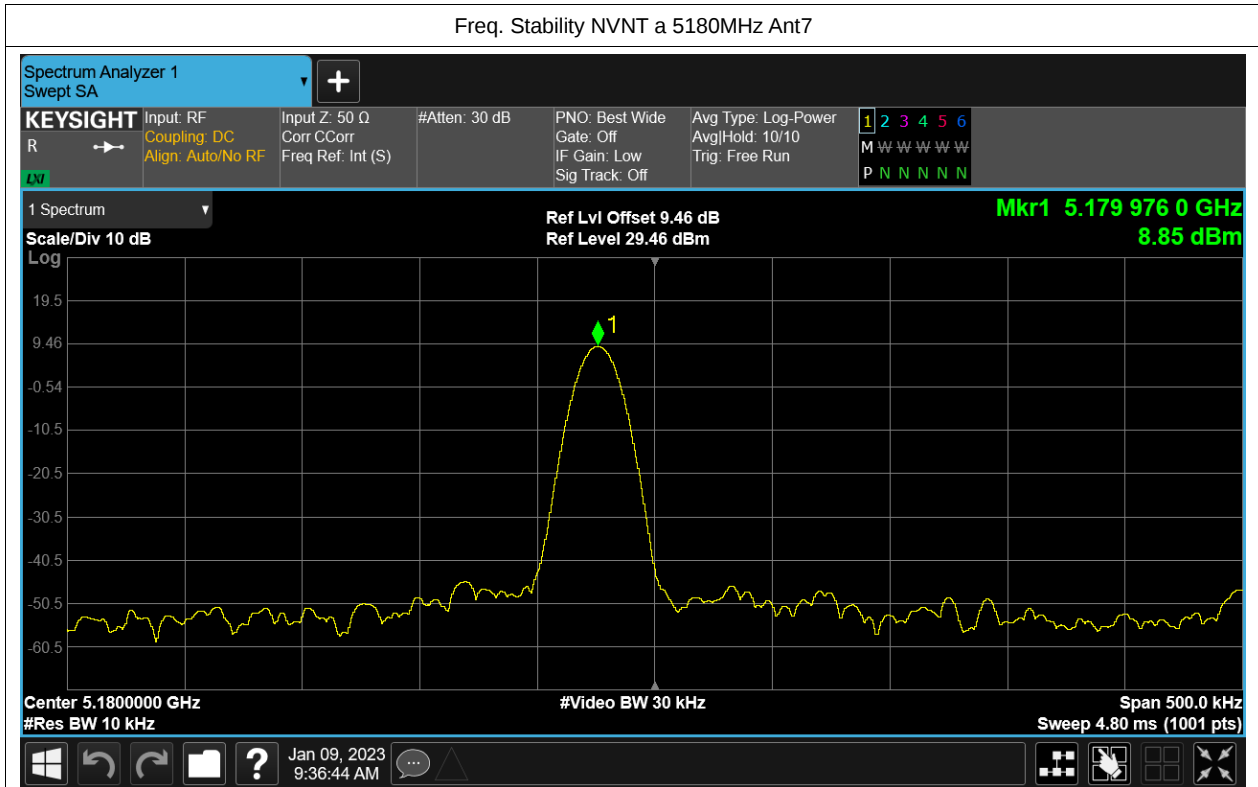
Freq. Stability HVNT a 5180MHz Ant6

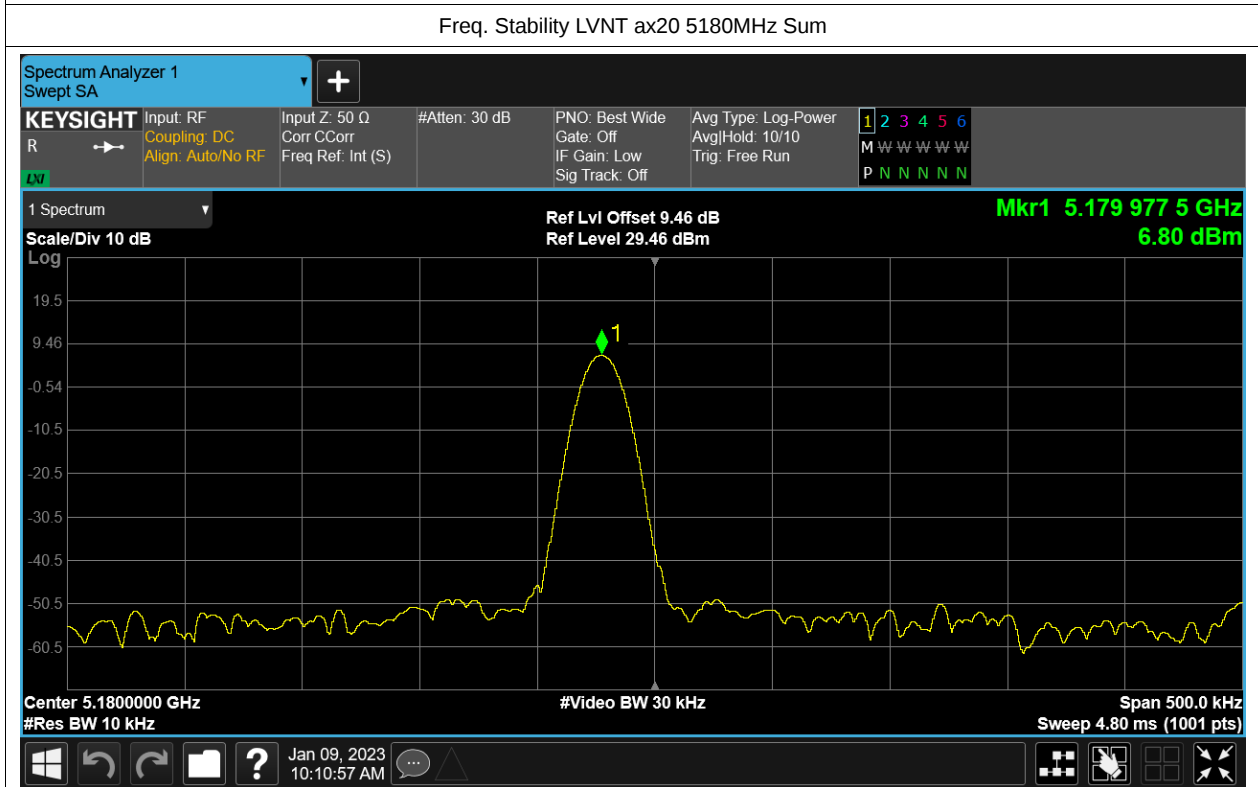
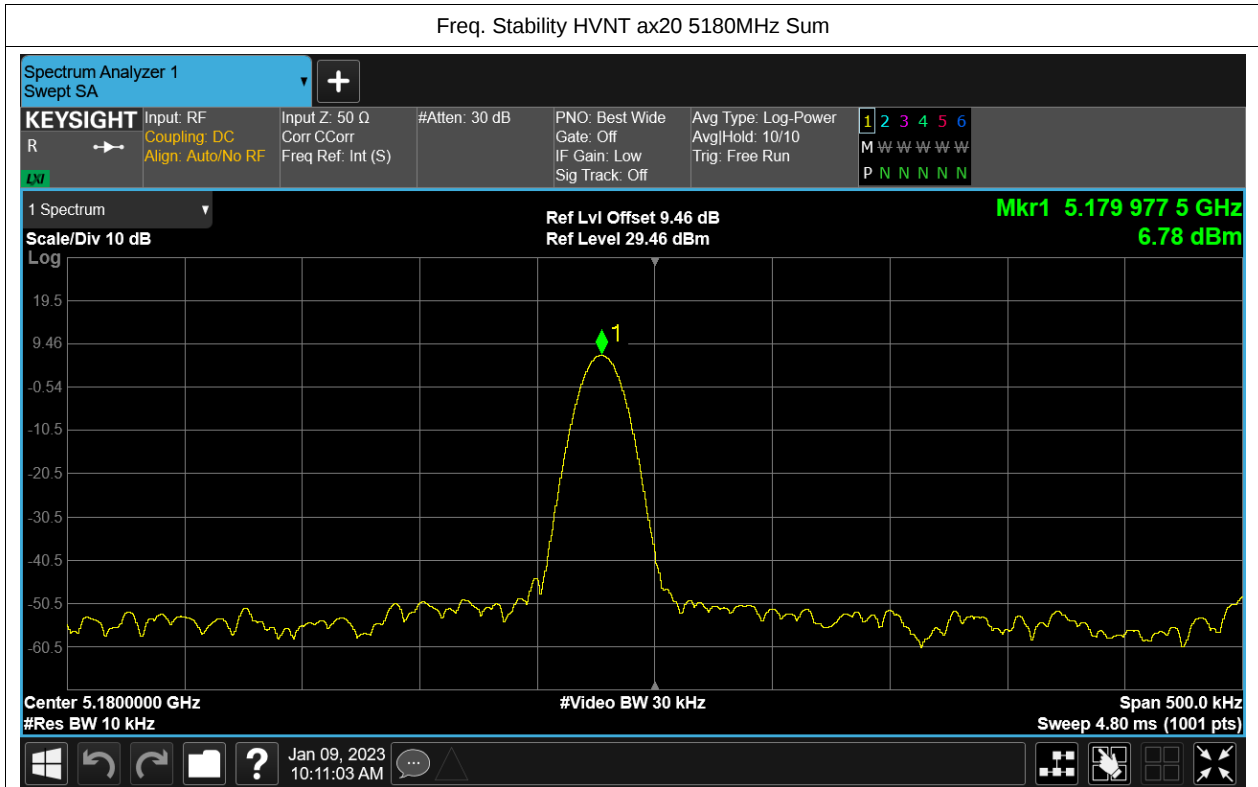


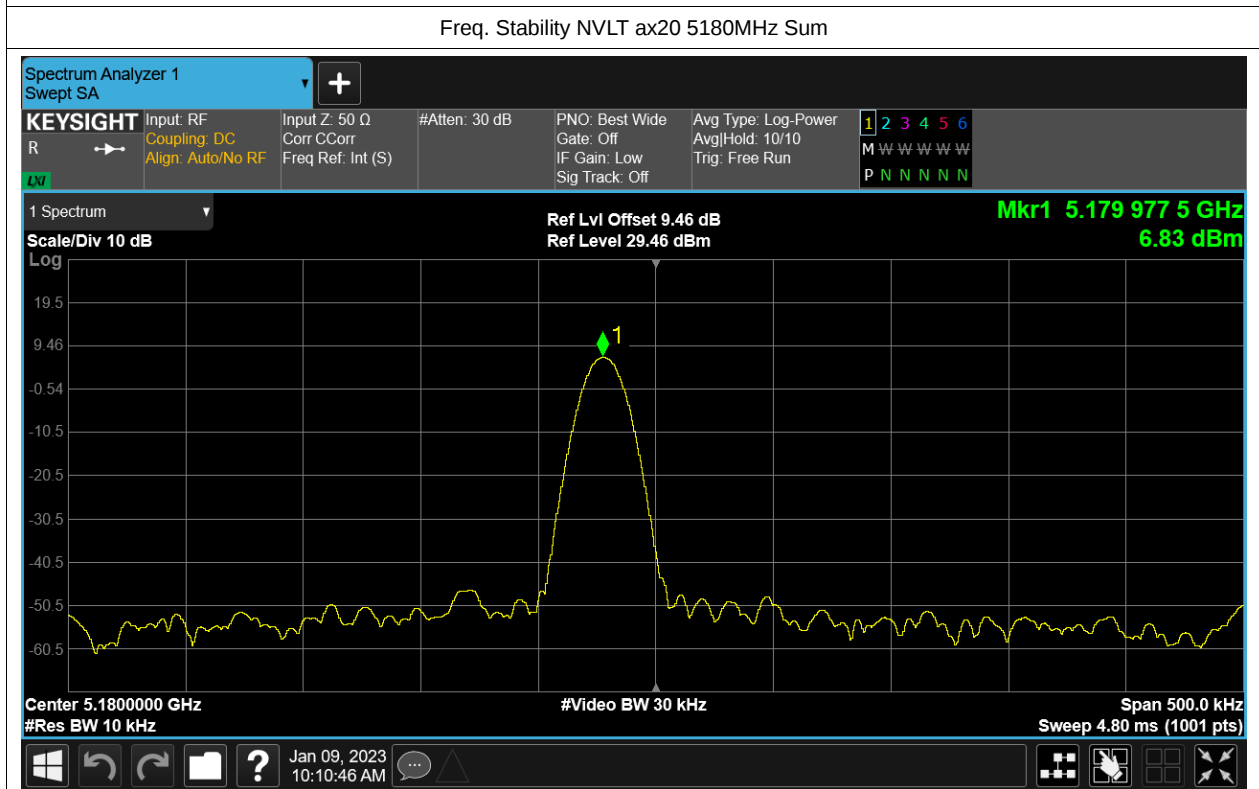
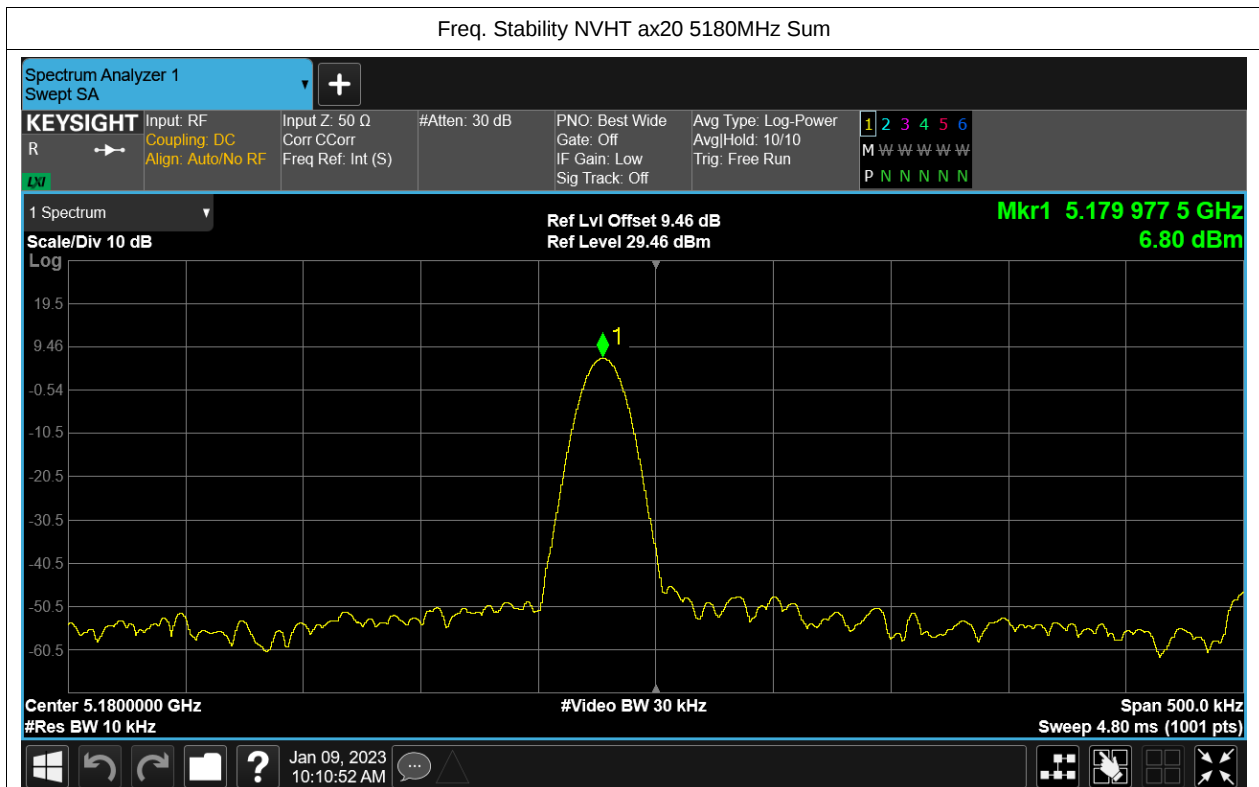


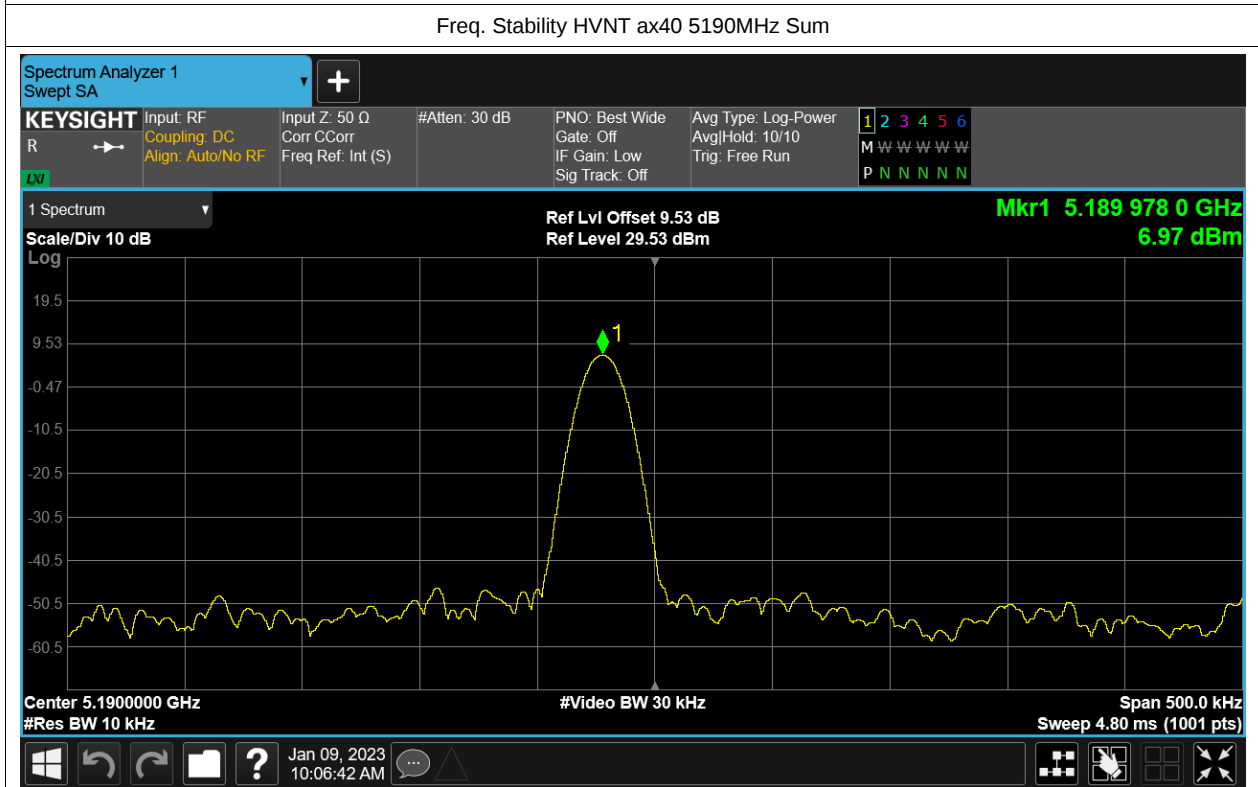
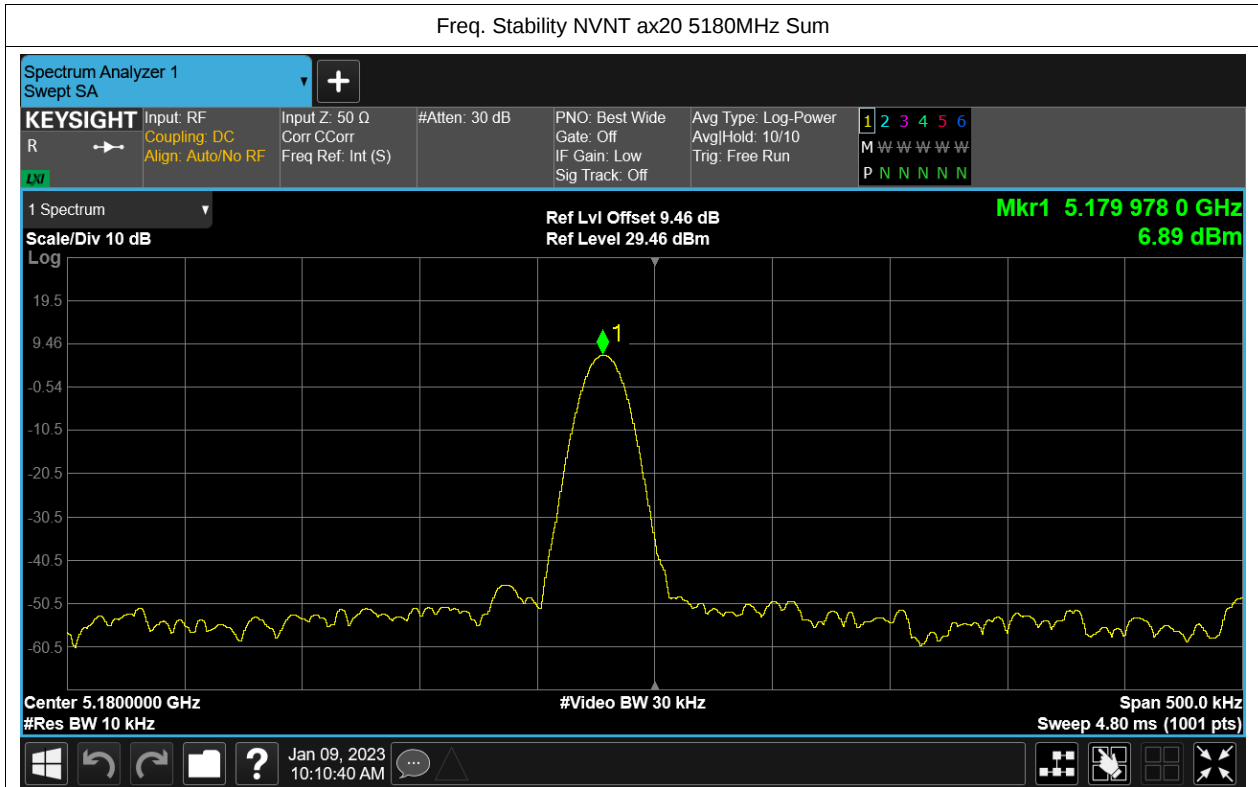


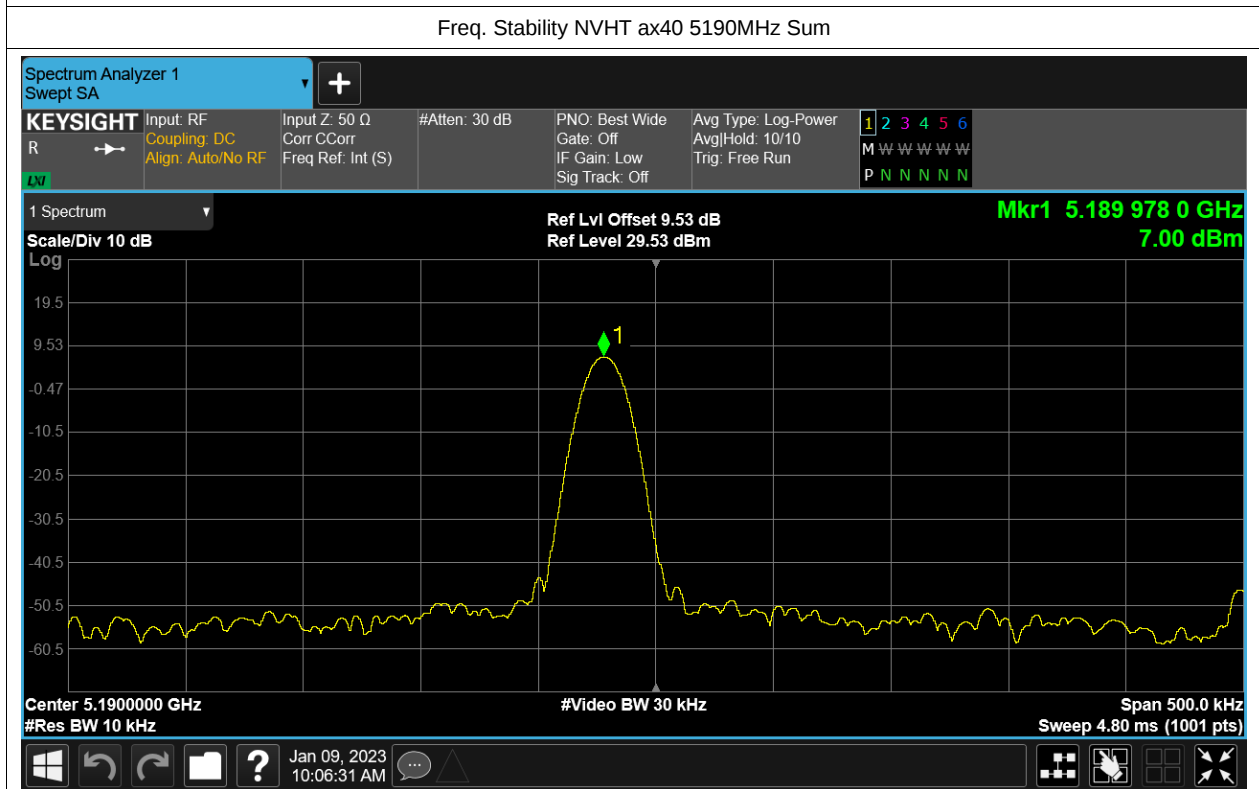
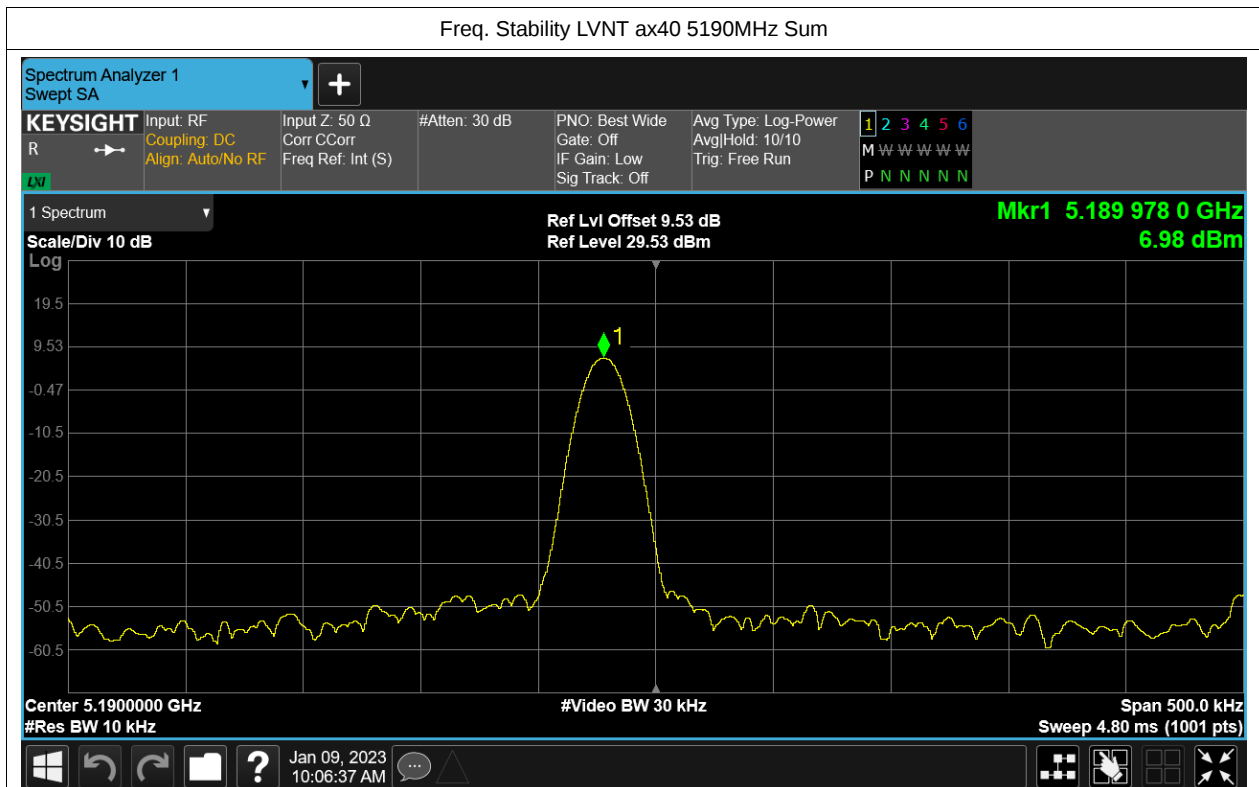


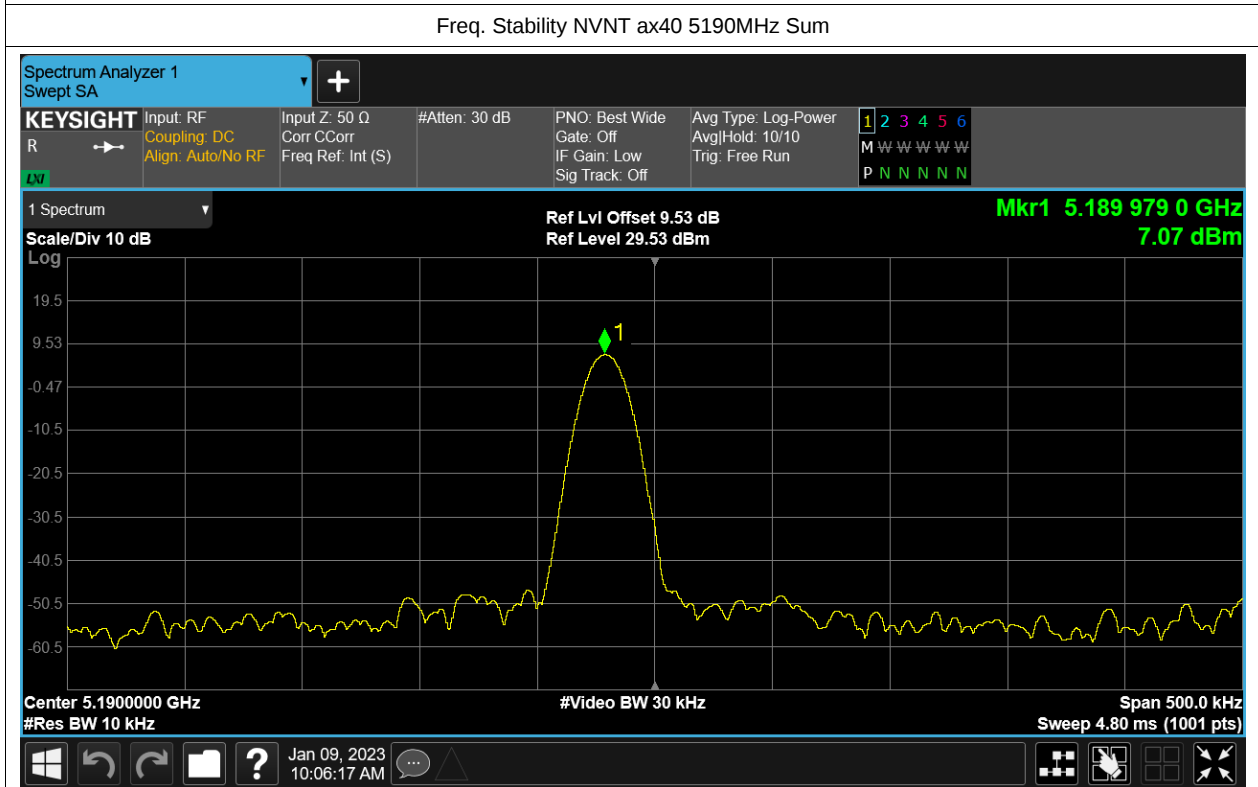
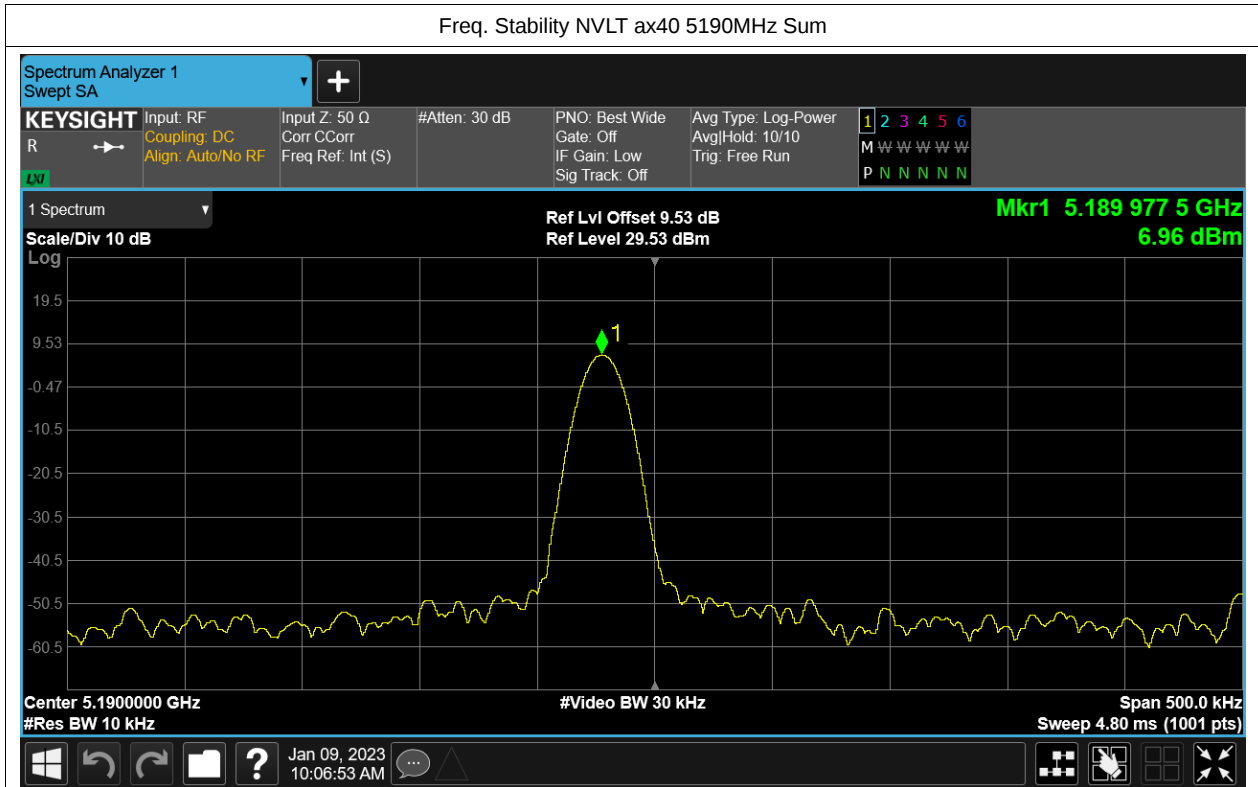


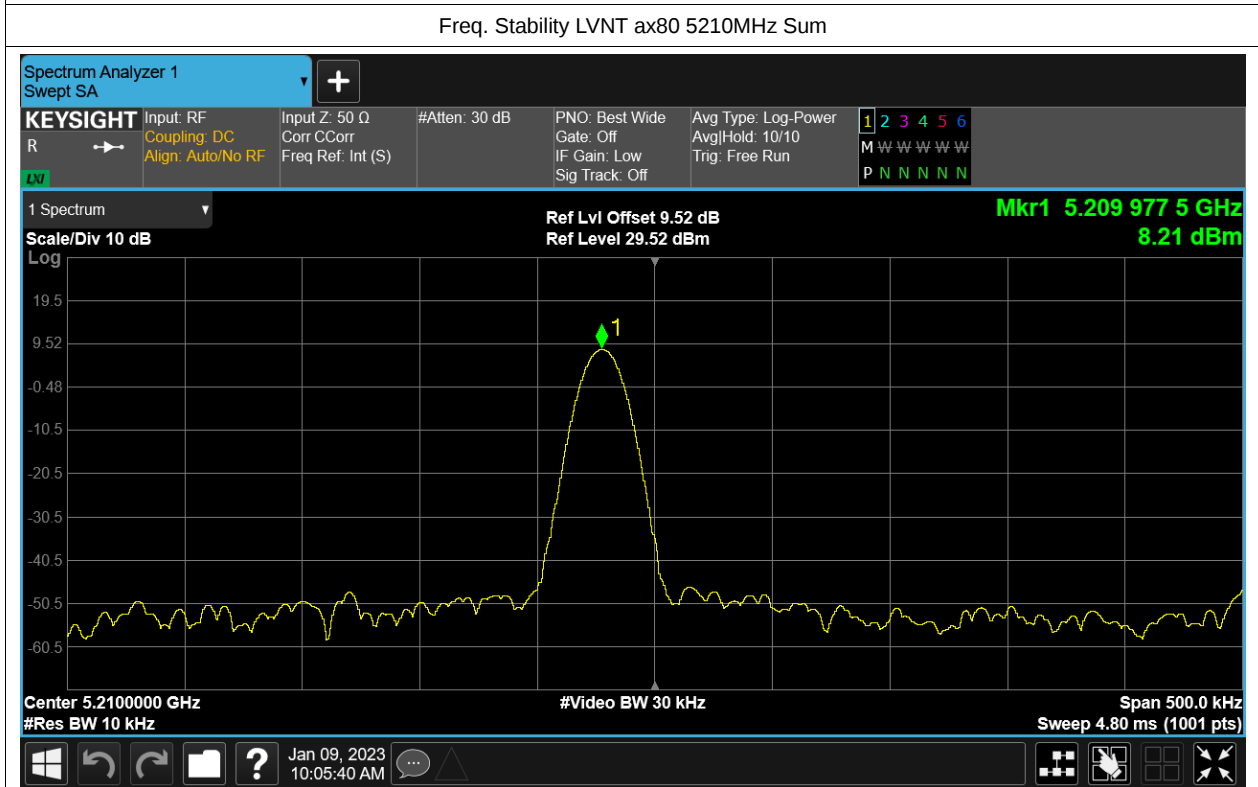
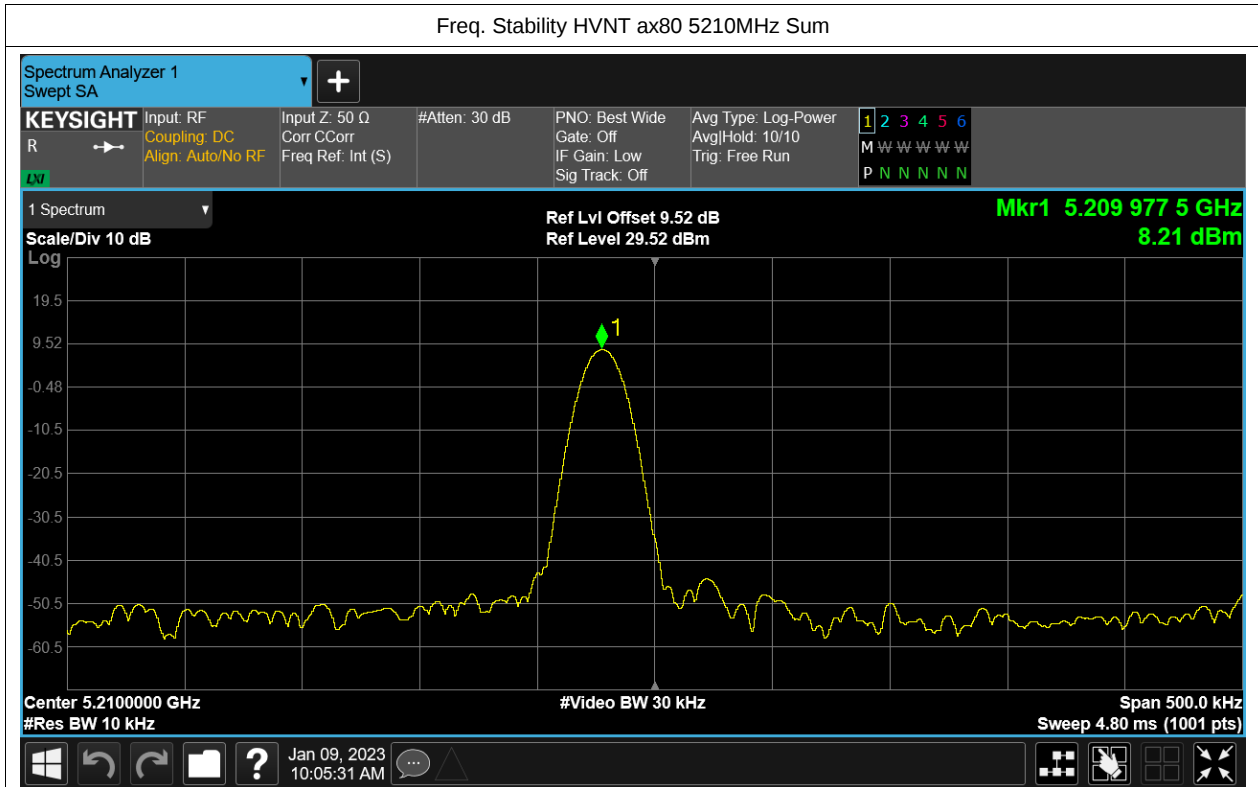


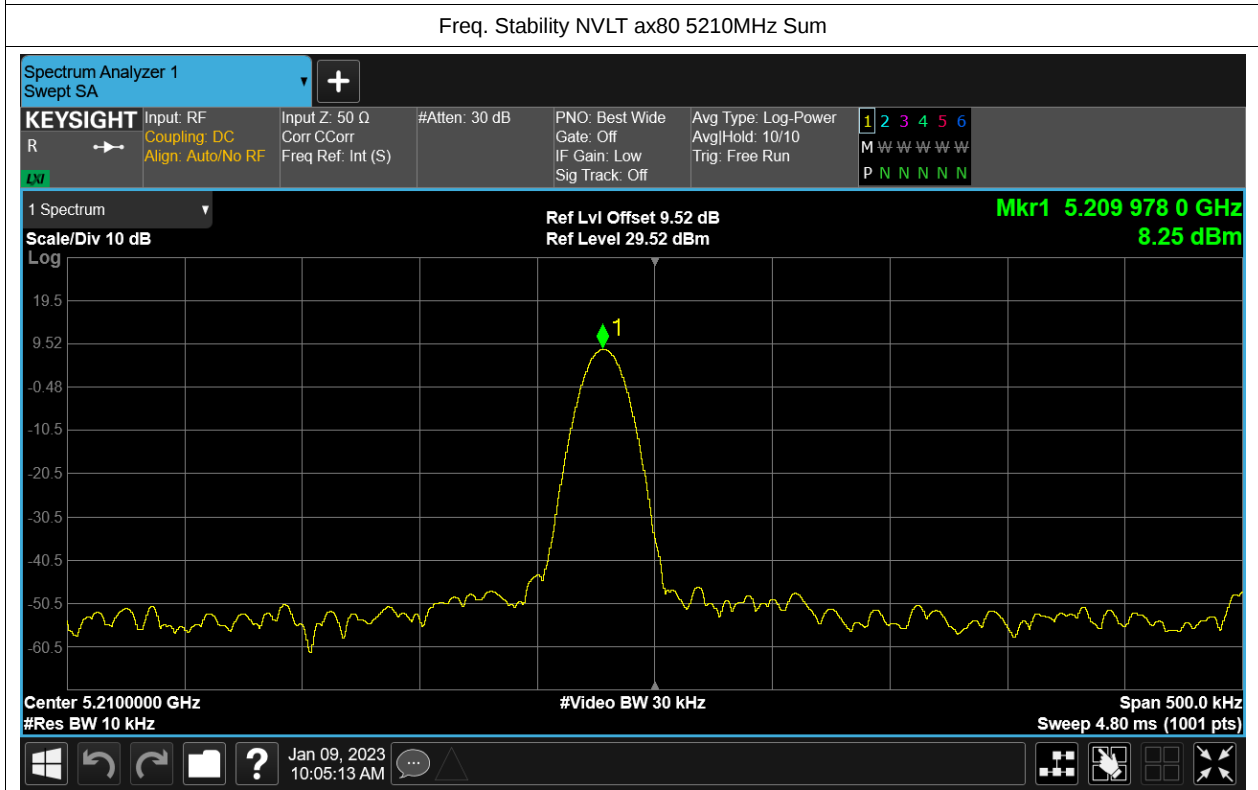
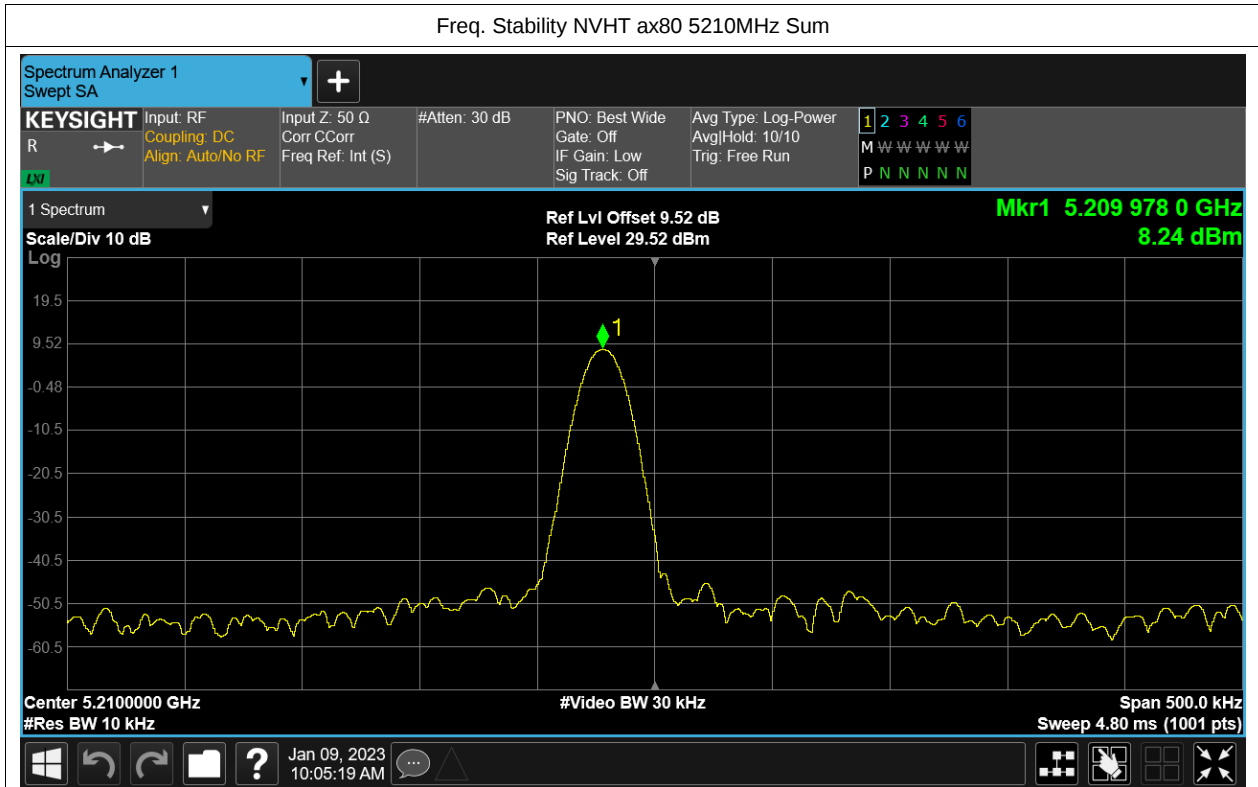


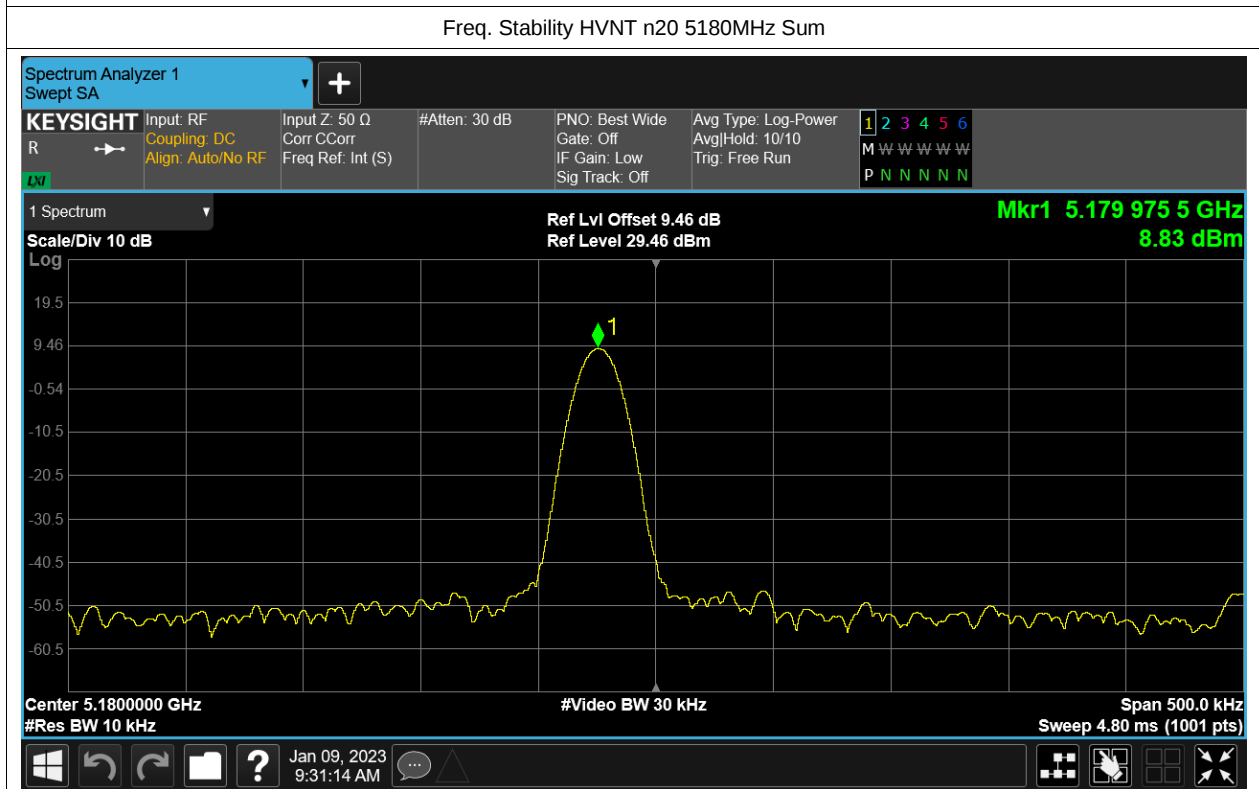
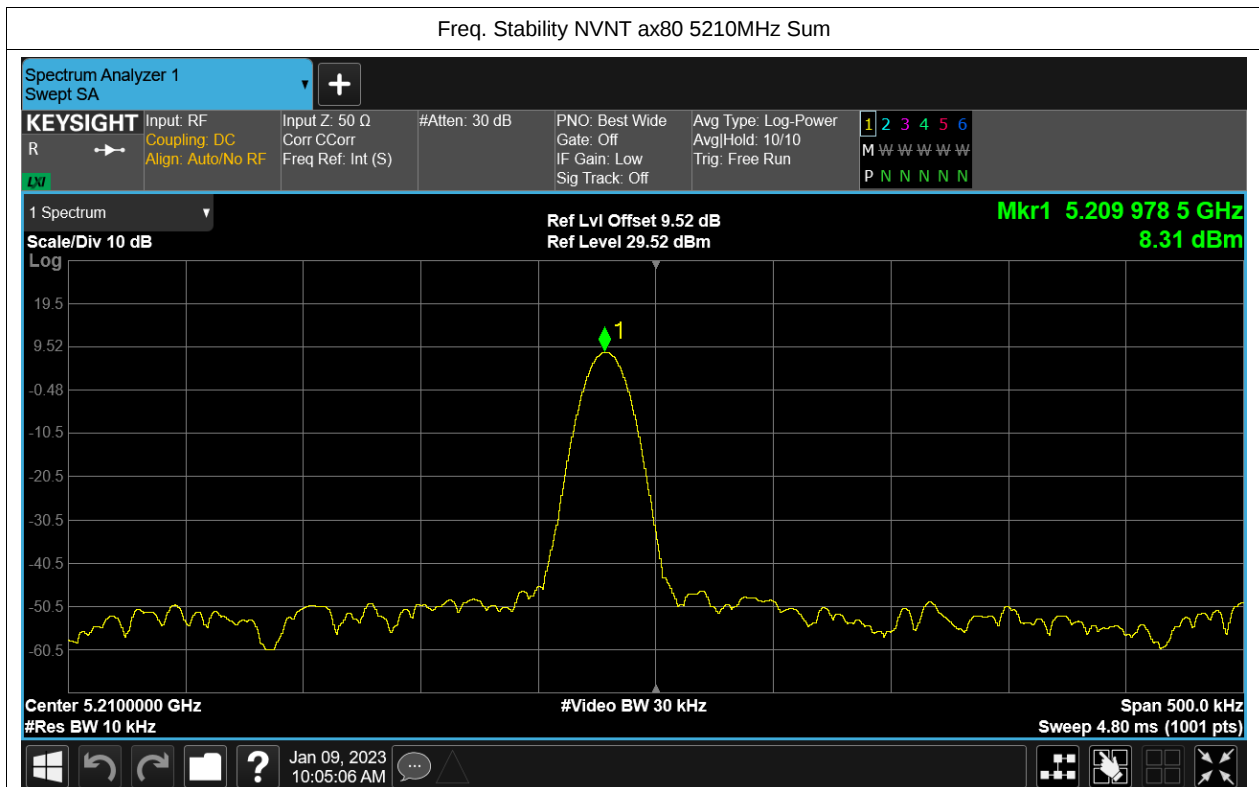


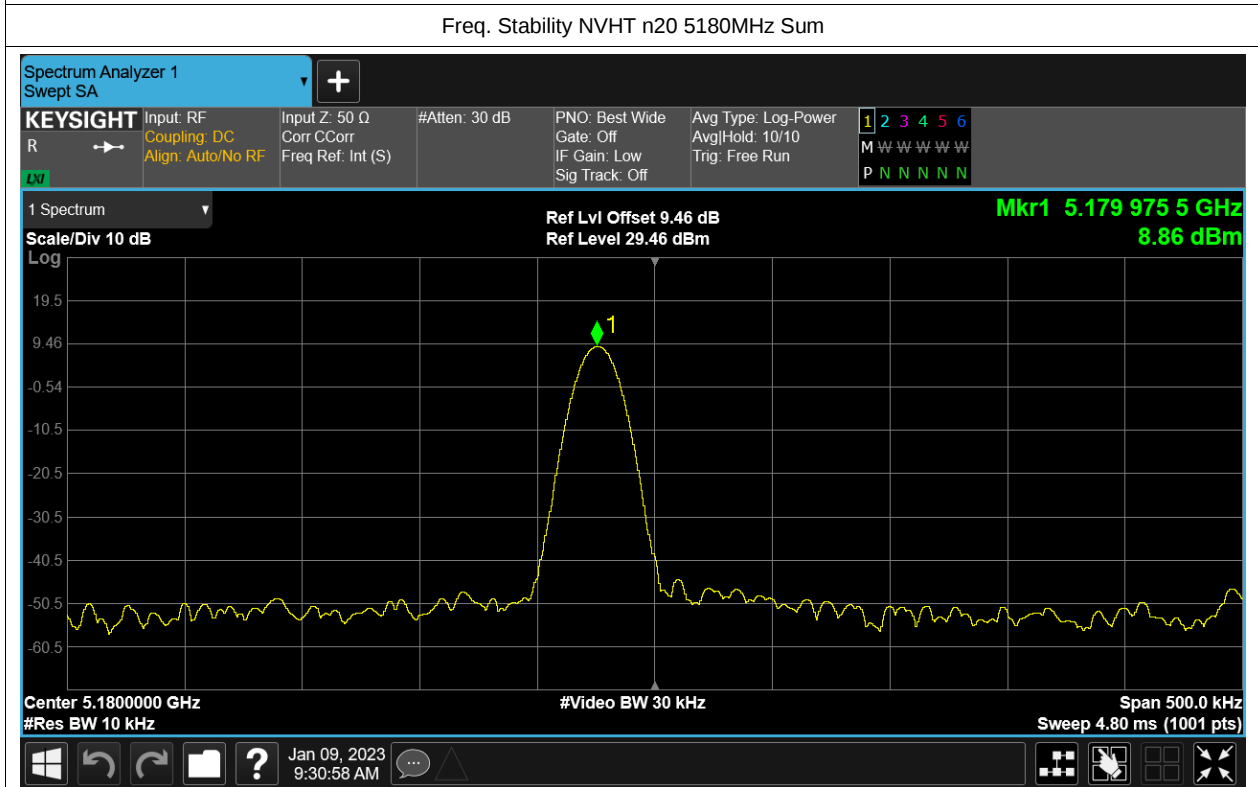
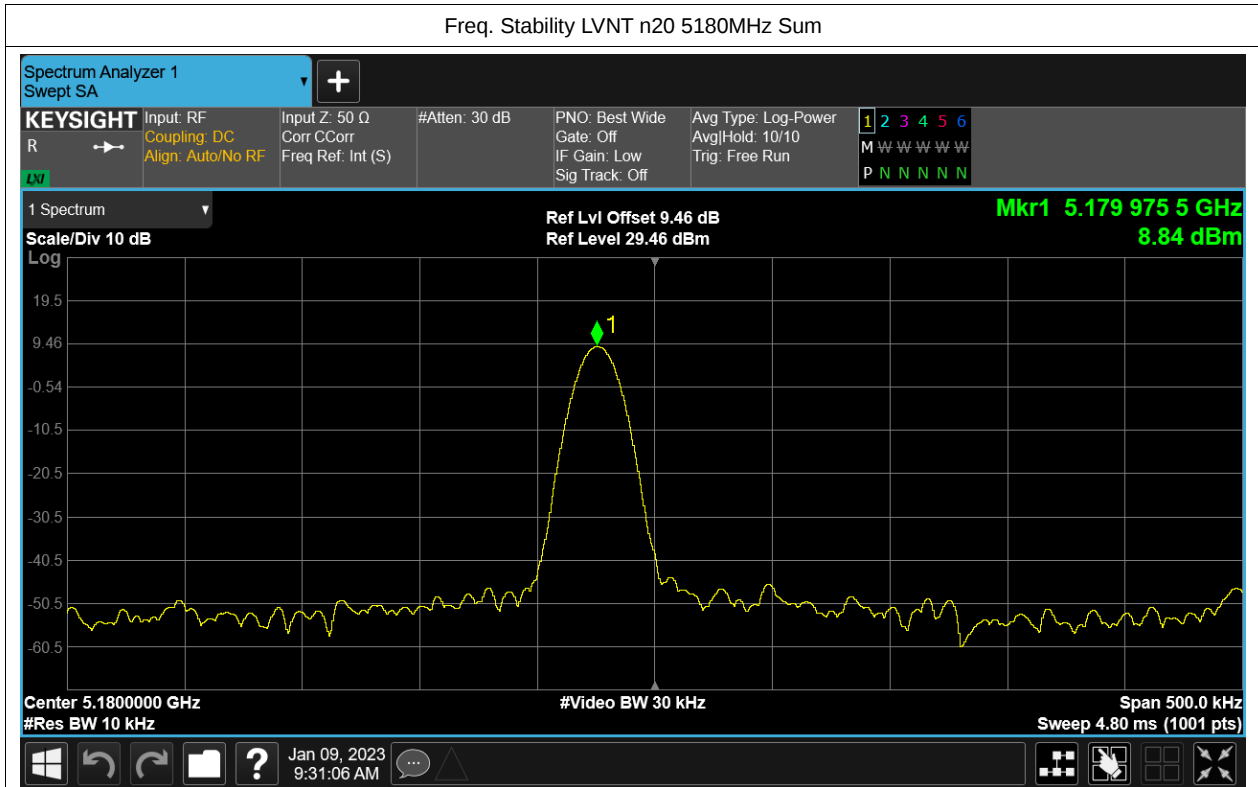


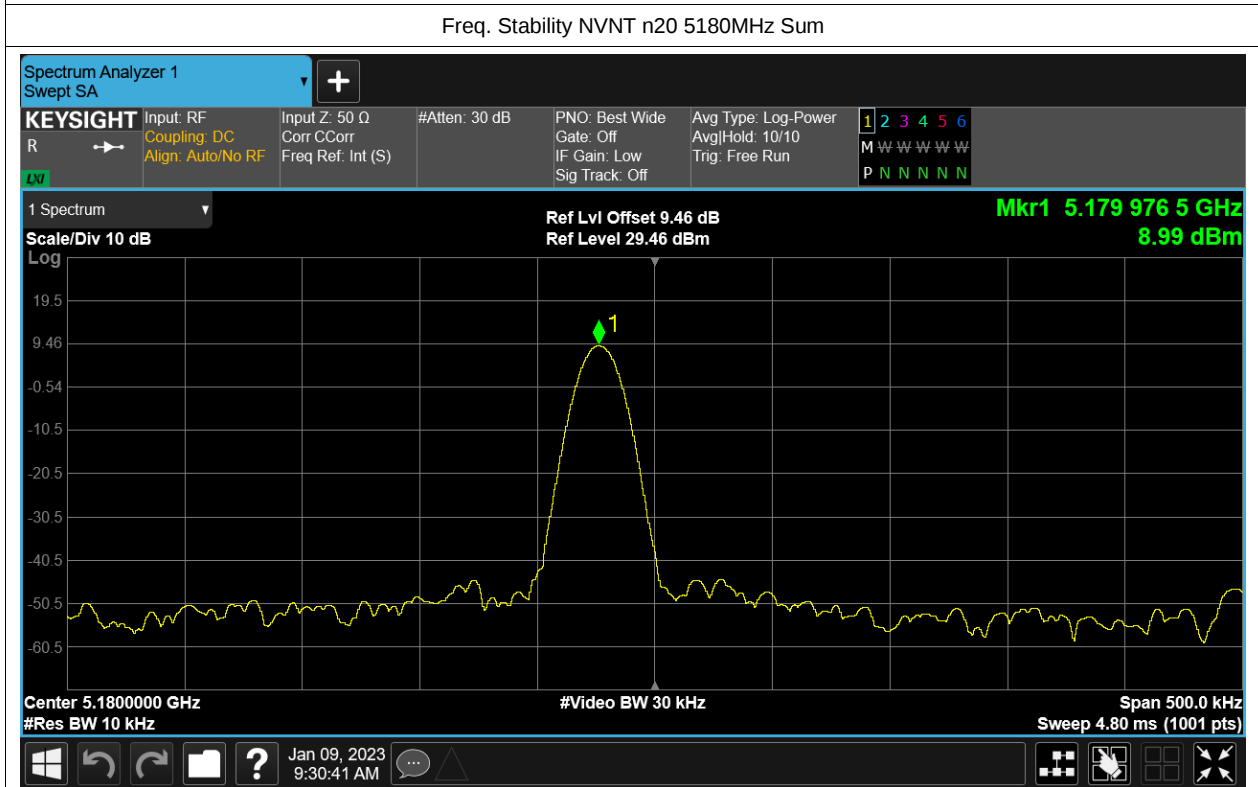
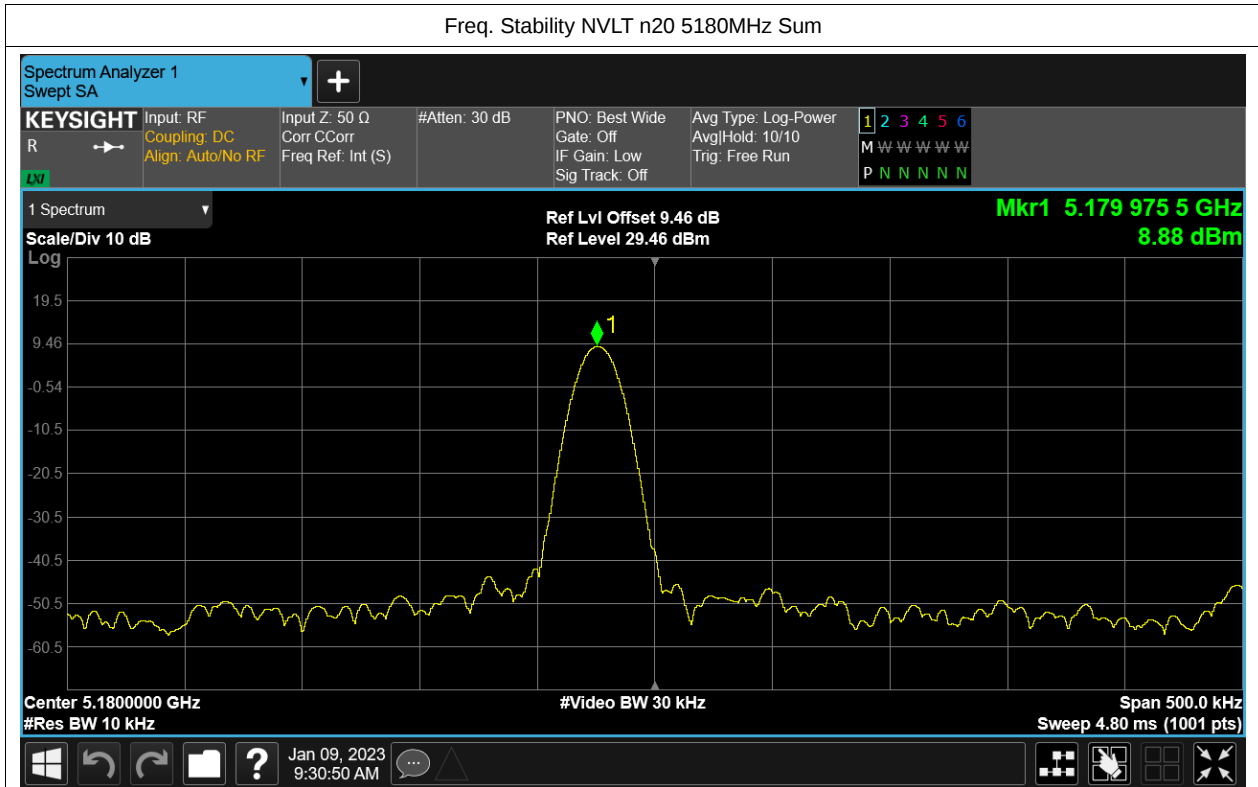


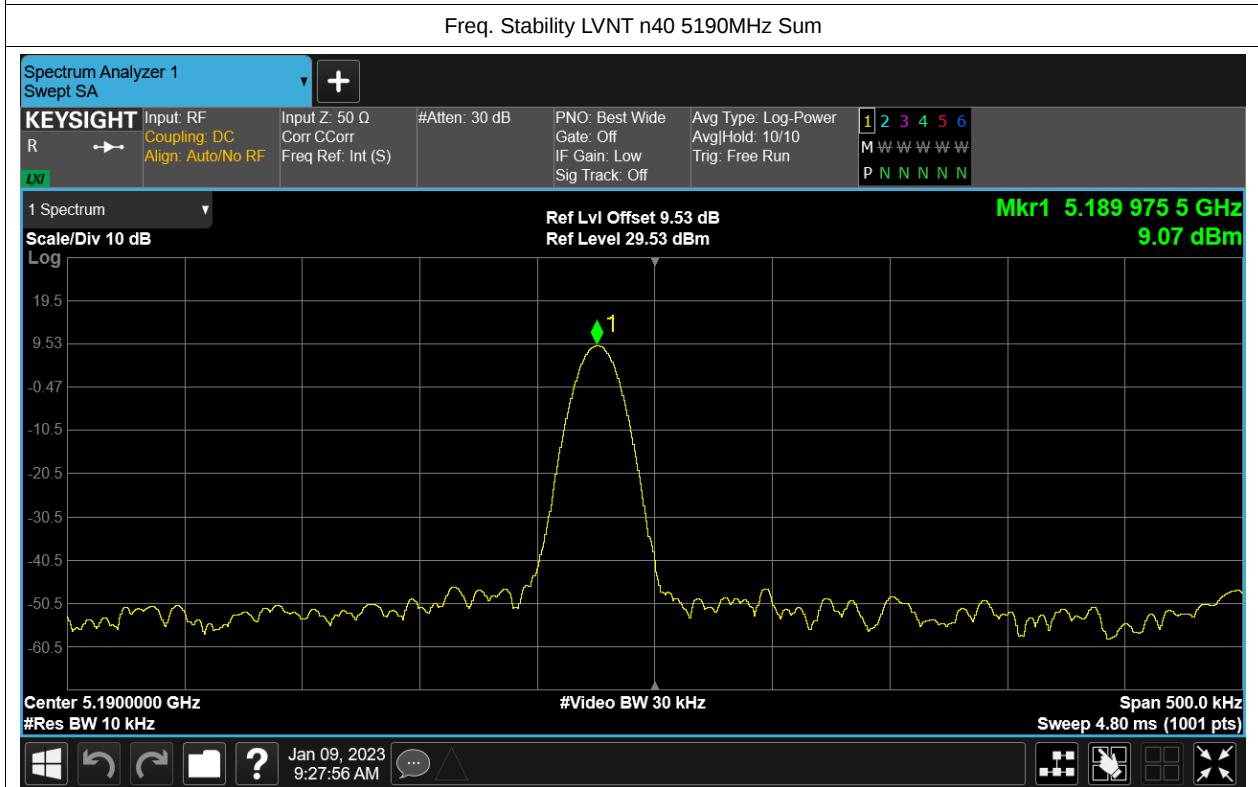
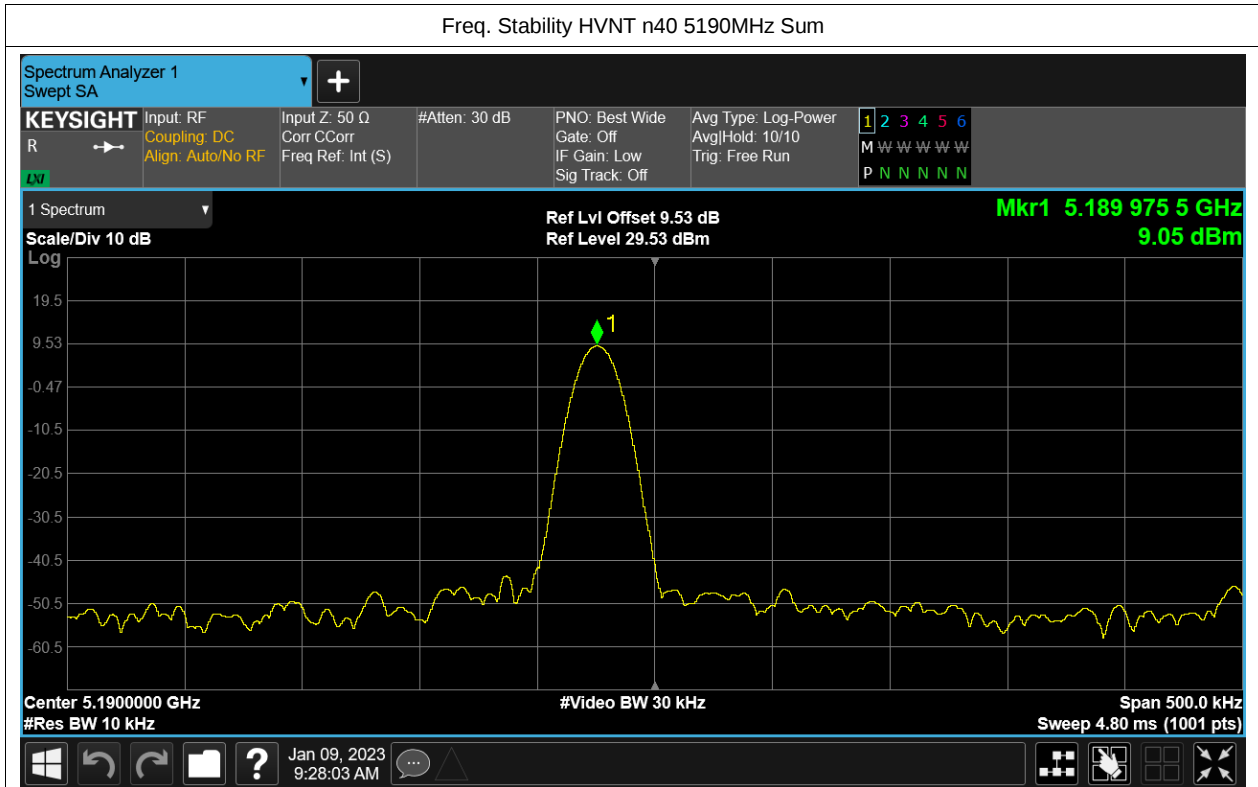


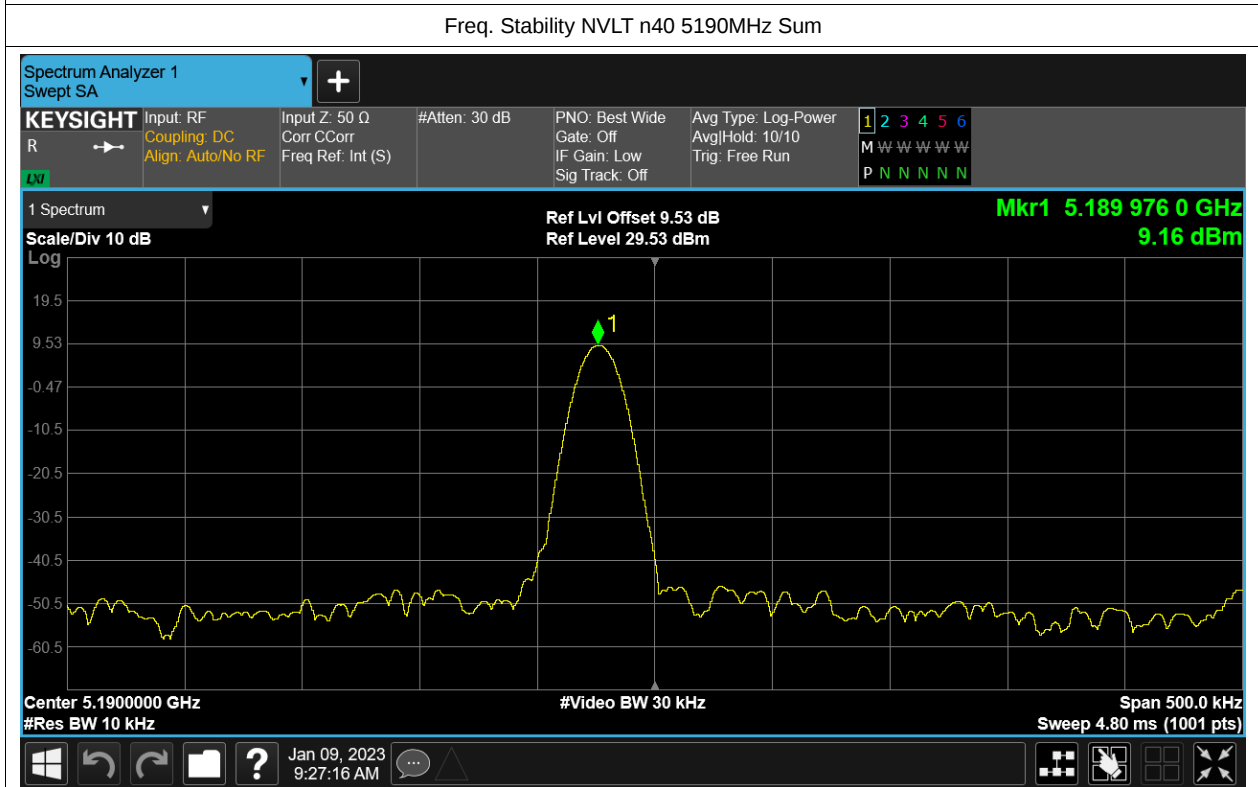
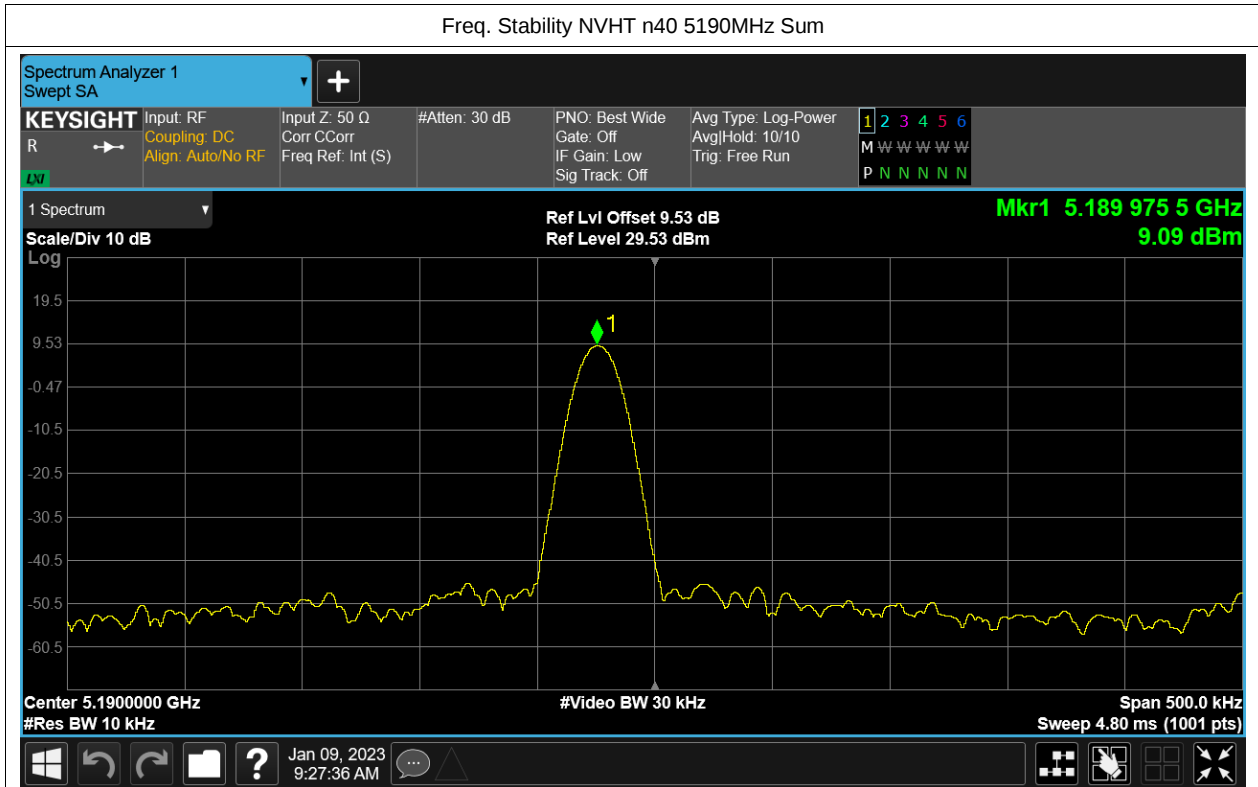


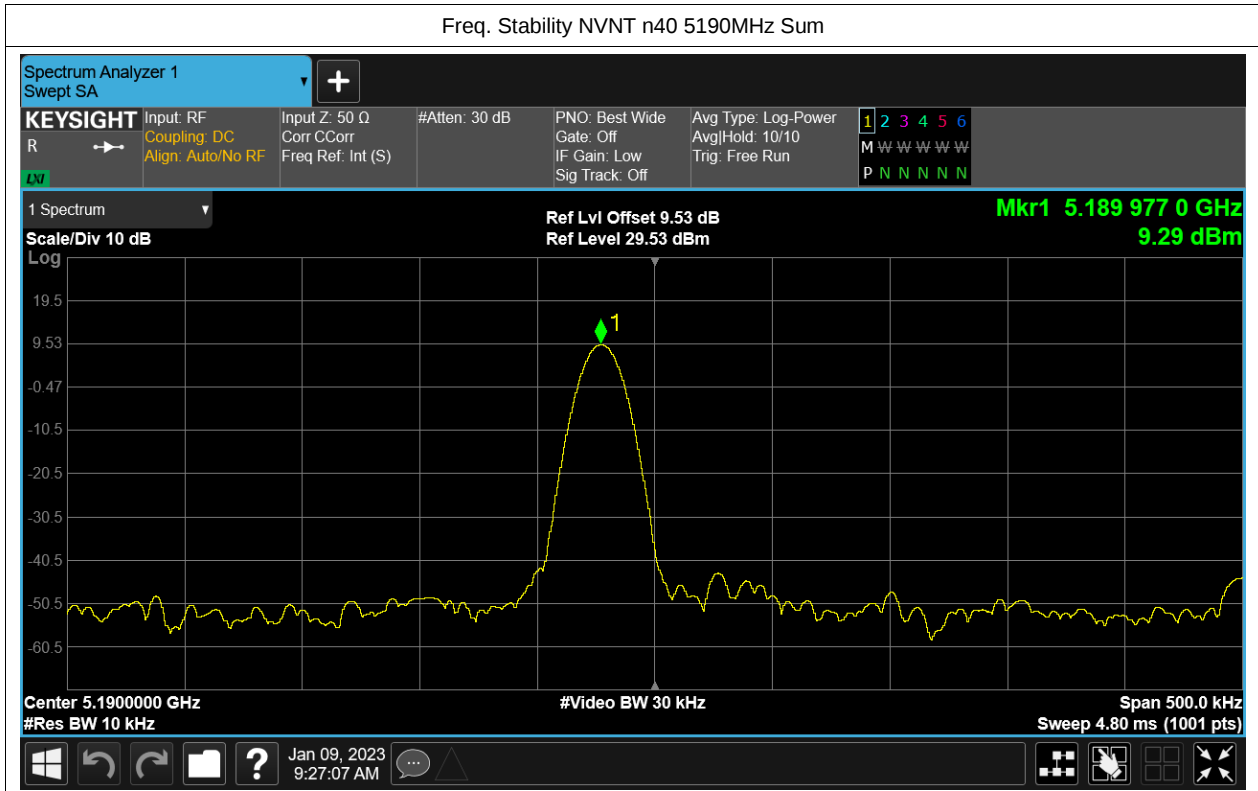










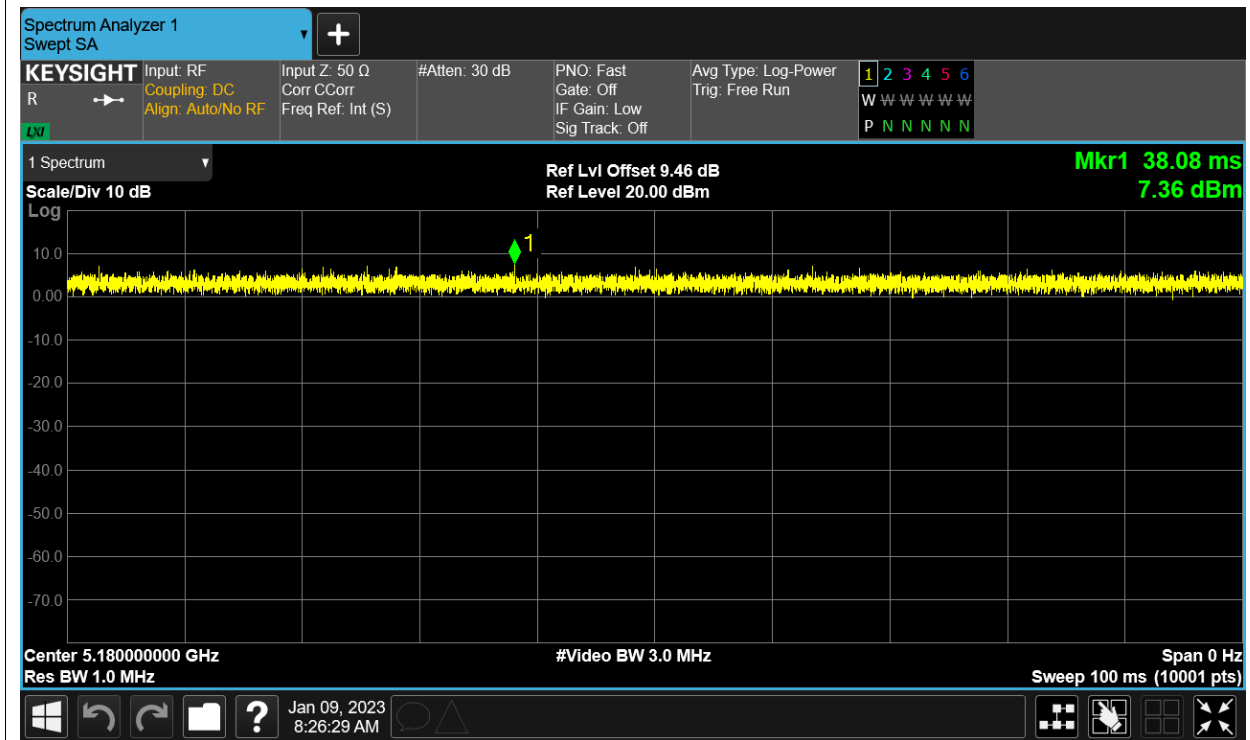


Duty Cycle

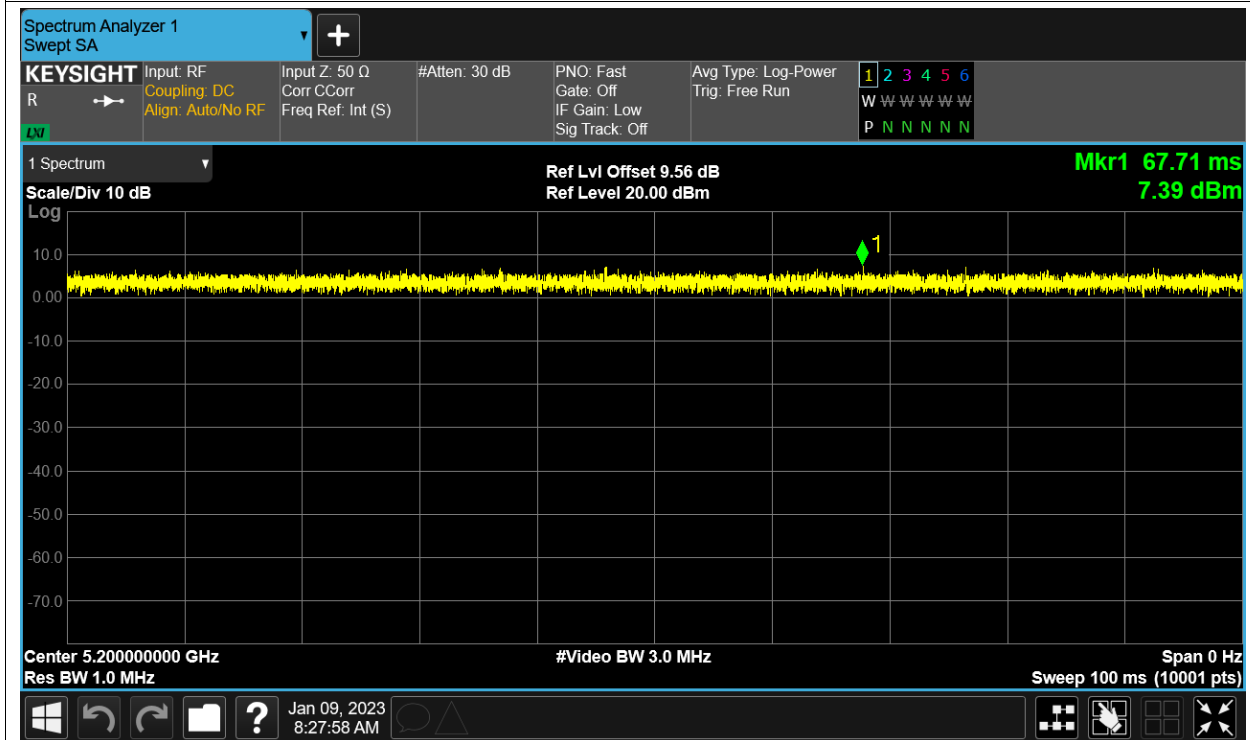
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant7	100	0
NVNT	a	5200	Ant7	100	0
NVNT	a	5240	Ant7	100	0
NVNT	a	5180	Ant6	100	0
NVNT	a	5200	Ant6	100	0
NVNT	a	5240	Ant6	100	0
NVNT	ac20	5180	Sum	100	0
NVNT	ac20	5200	Sum	100	0
NVNT	ac20	5240	Sum	100	0
NVNT	ac40	5190	Sum	100	0
NVNT	ac40	5230	Sum	100	0
NVNT	ac80	5210	Sum	100	0
NVNT	ax20	5180	Sum	100	0
NVNT	ax20	5200	Sum	100	0
NVNT	ax20	5240	Sum	100	0
NVNT	ax40	5190	Sum	100	0
NVNT	ax40	5230	Sum	100	0
NVNT	ax80	5210	Sum	100	0
NVNT	n20	5180	Sum	100	0
NVNT	n20	5200	Sum	100	0
NVNT	n20	5240	Sum	100	0
NVNT	n40	5190	Sum	100	0
NVNT	n40	5230	Sum	100	0

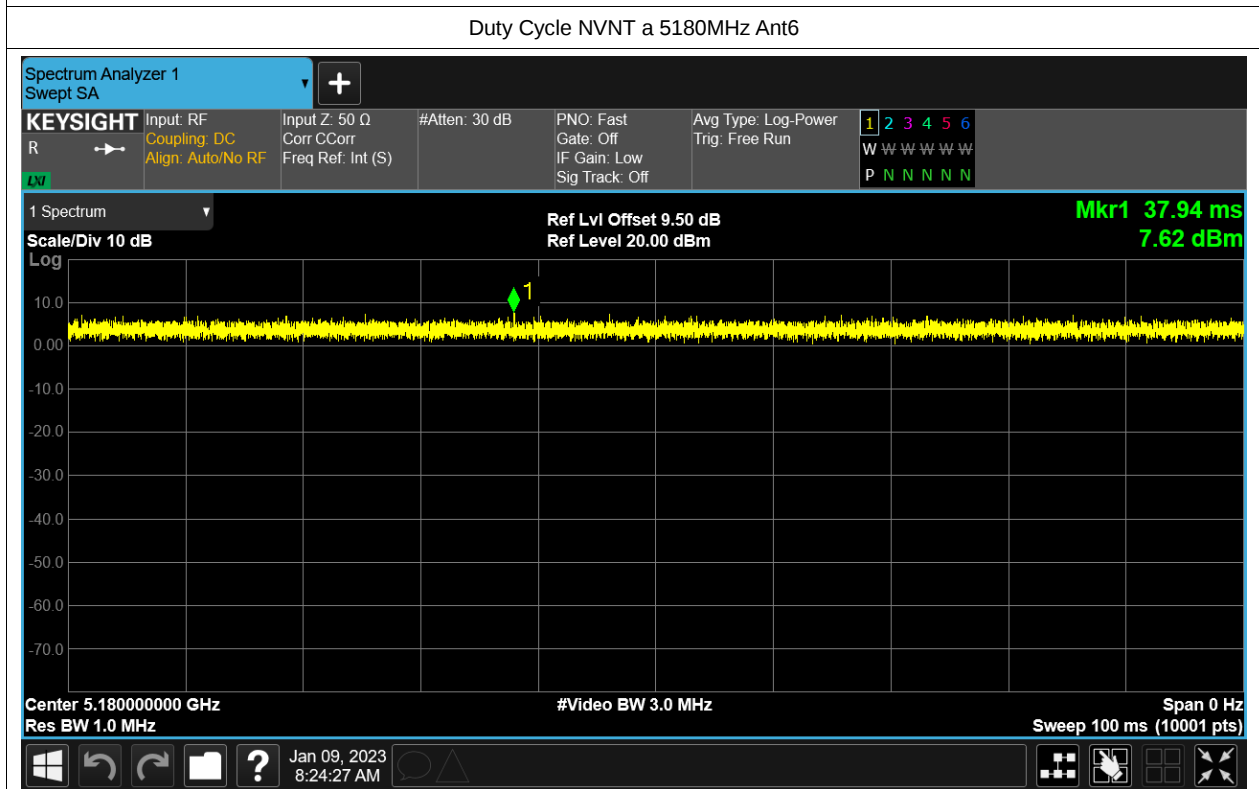
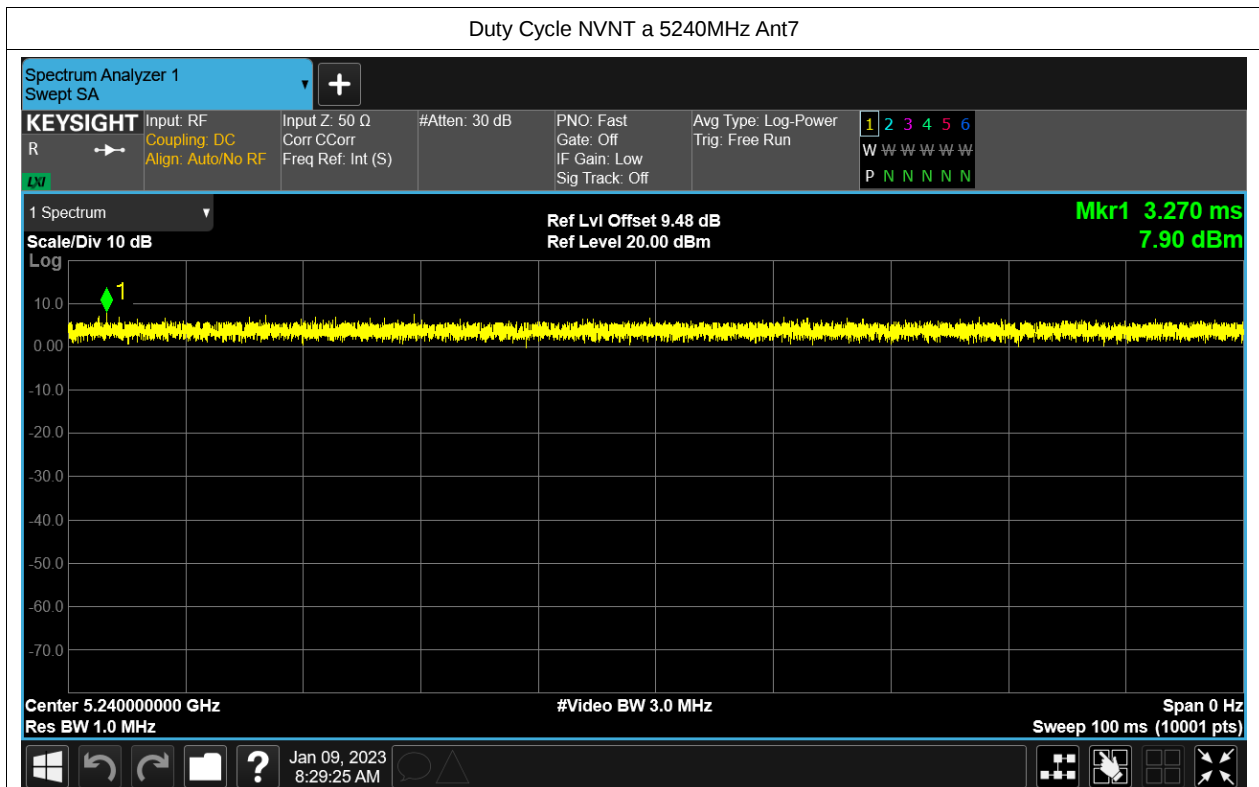
Test Graphs

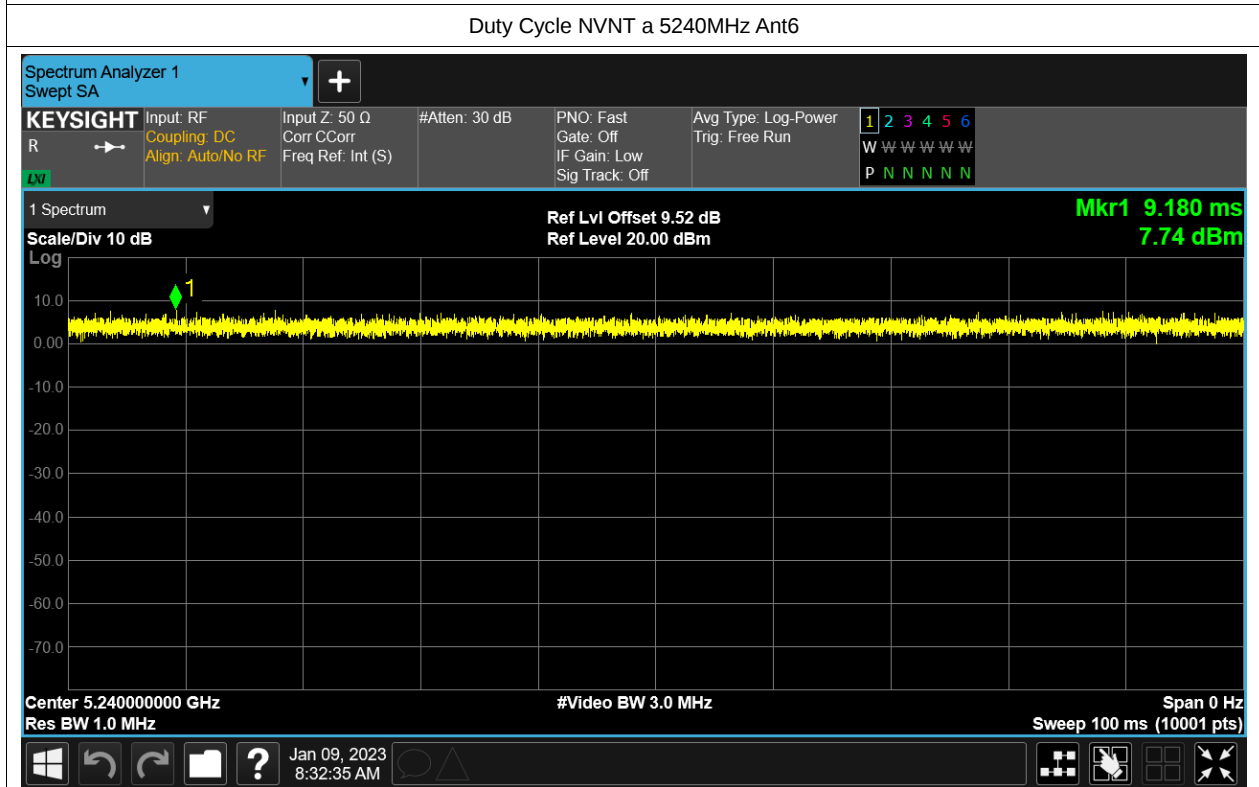
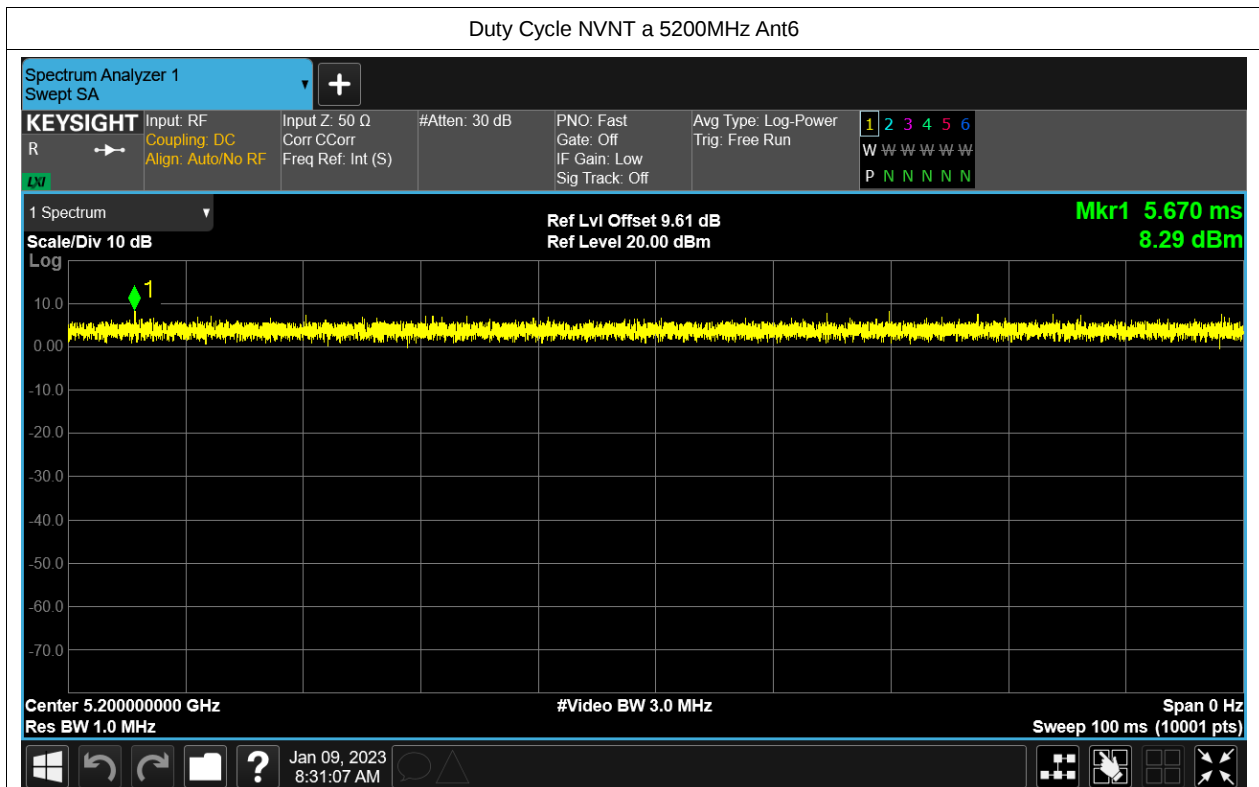
Duty Cycle NVNT a 5180MHz Ant7

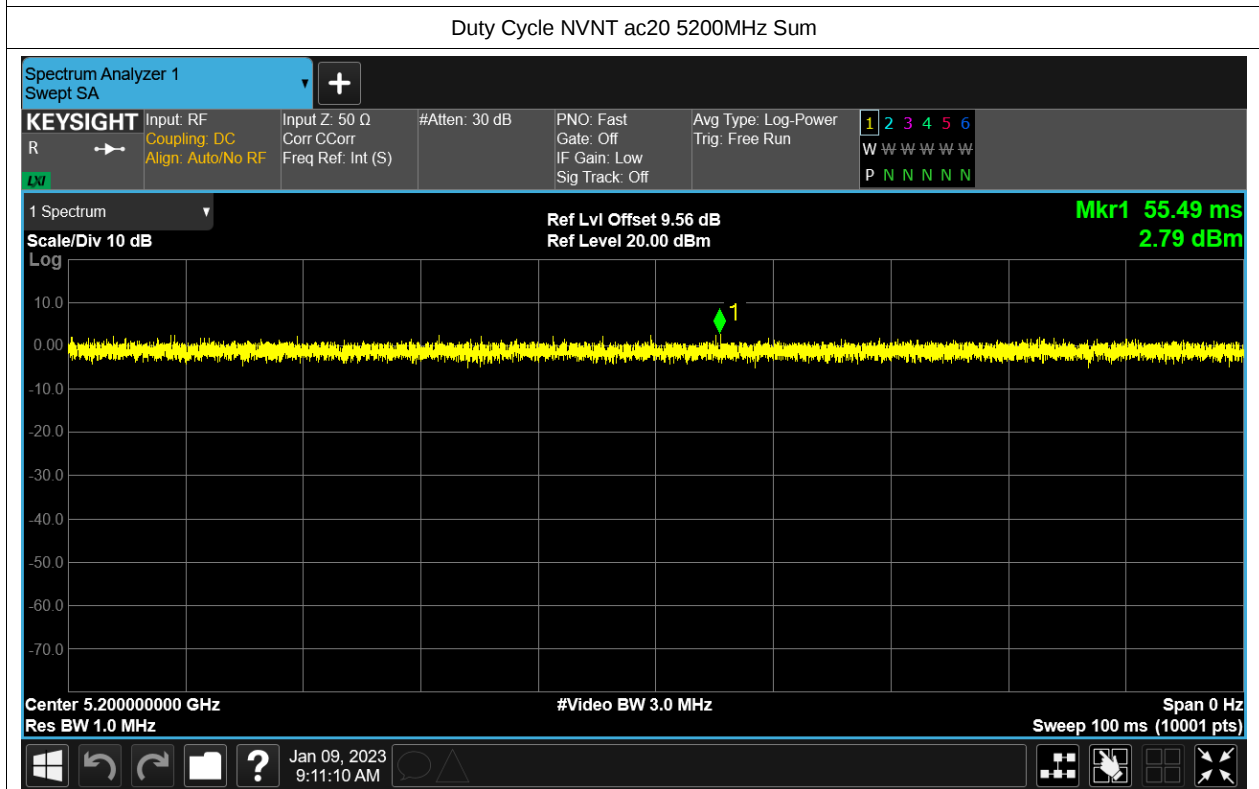
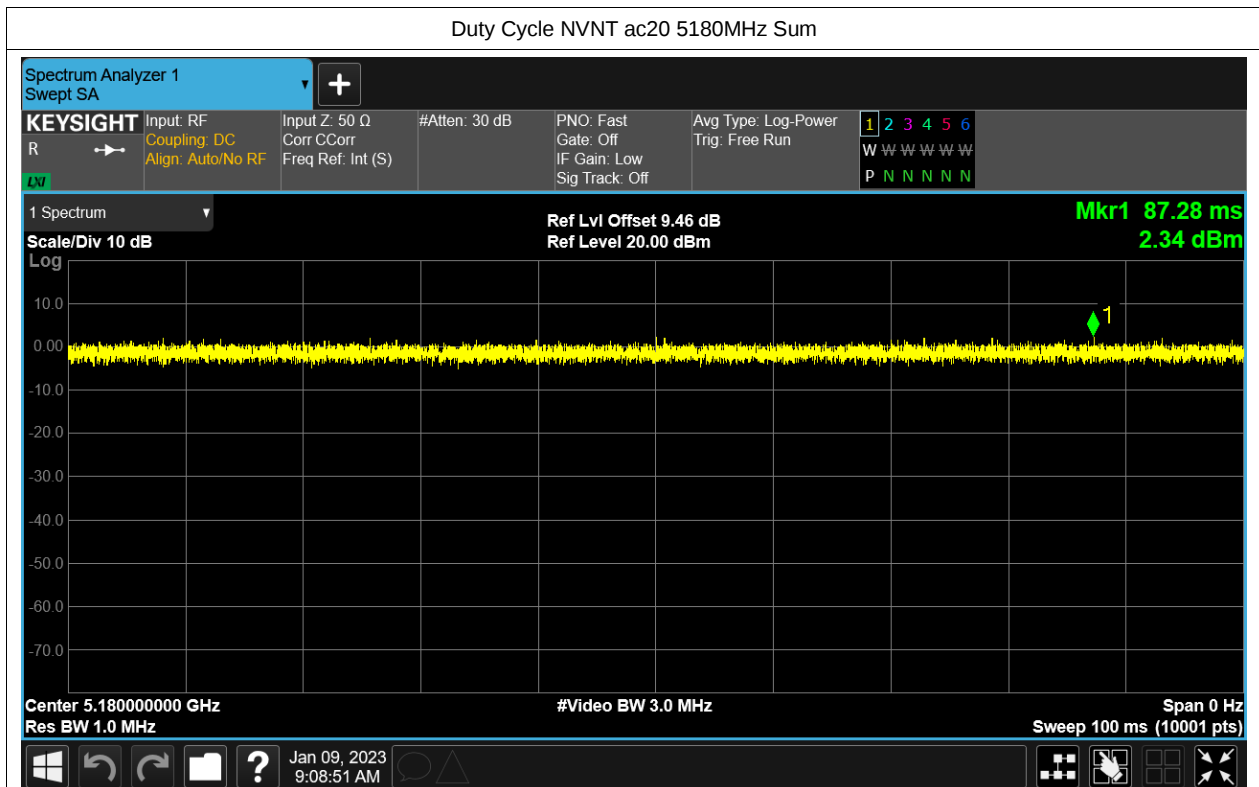


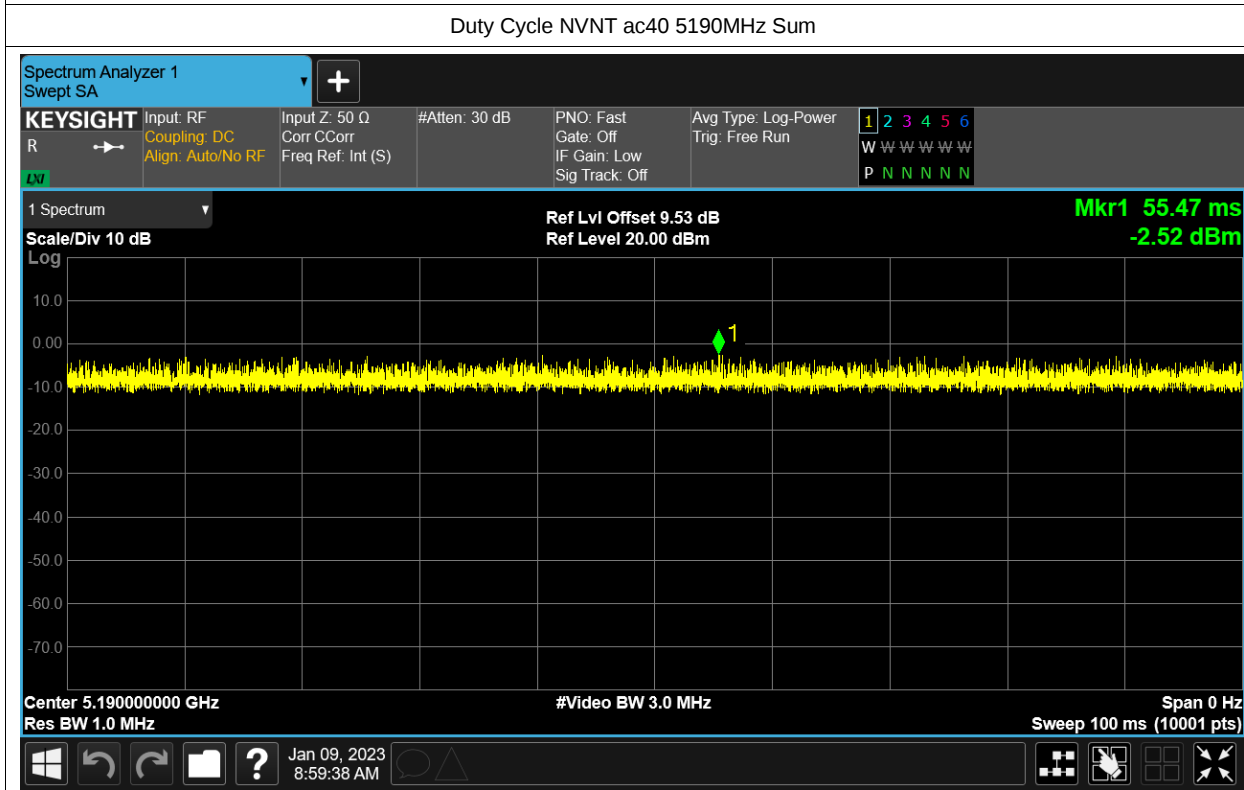
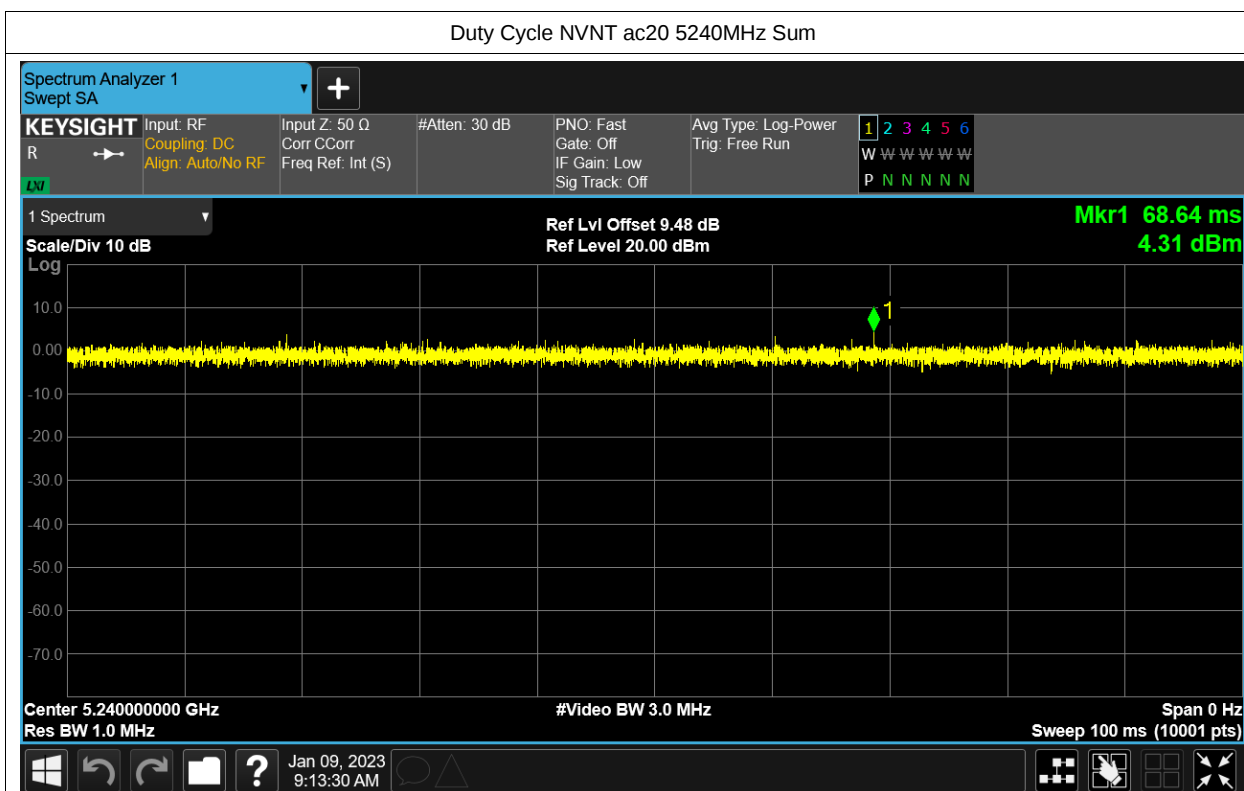
Duty Cycle NVNT a 5200MHz Ant7

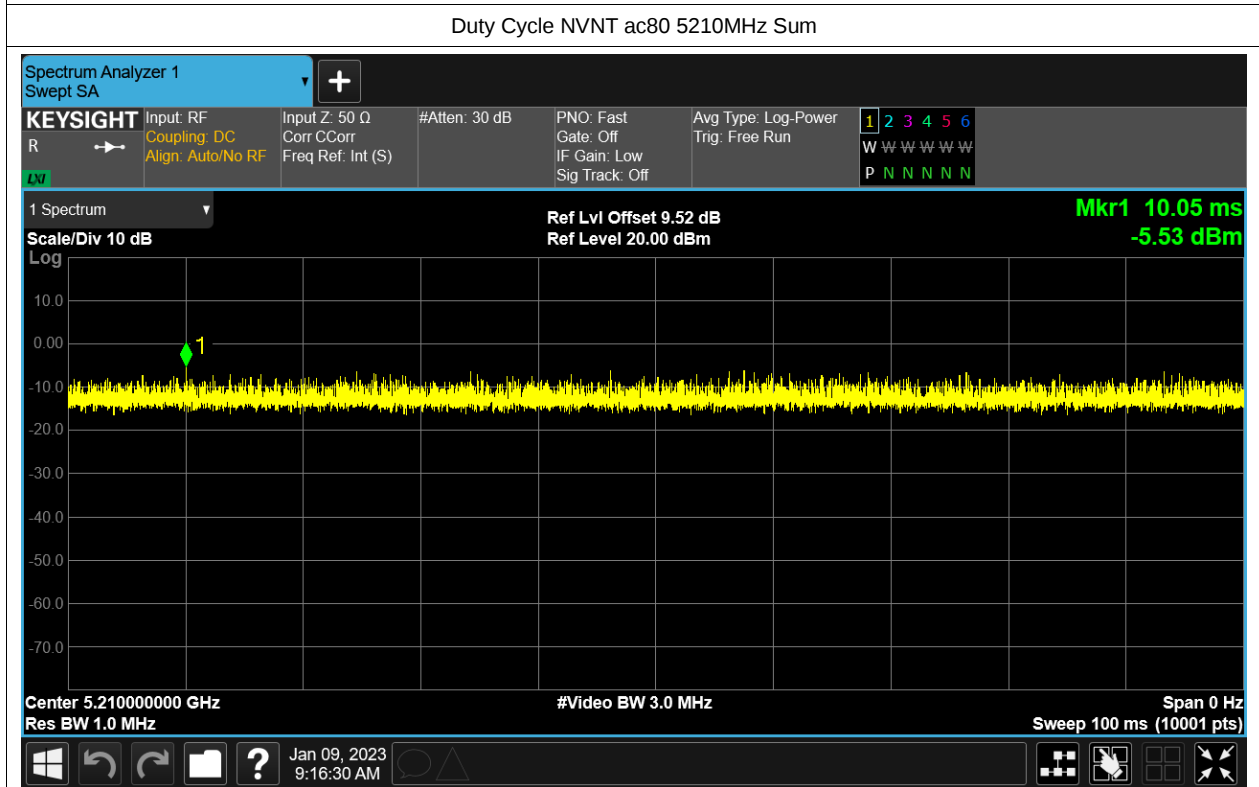
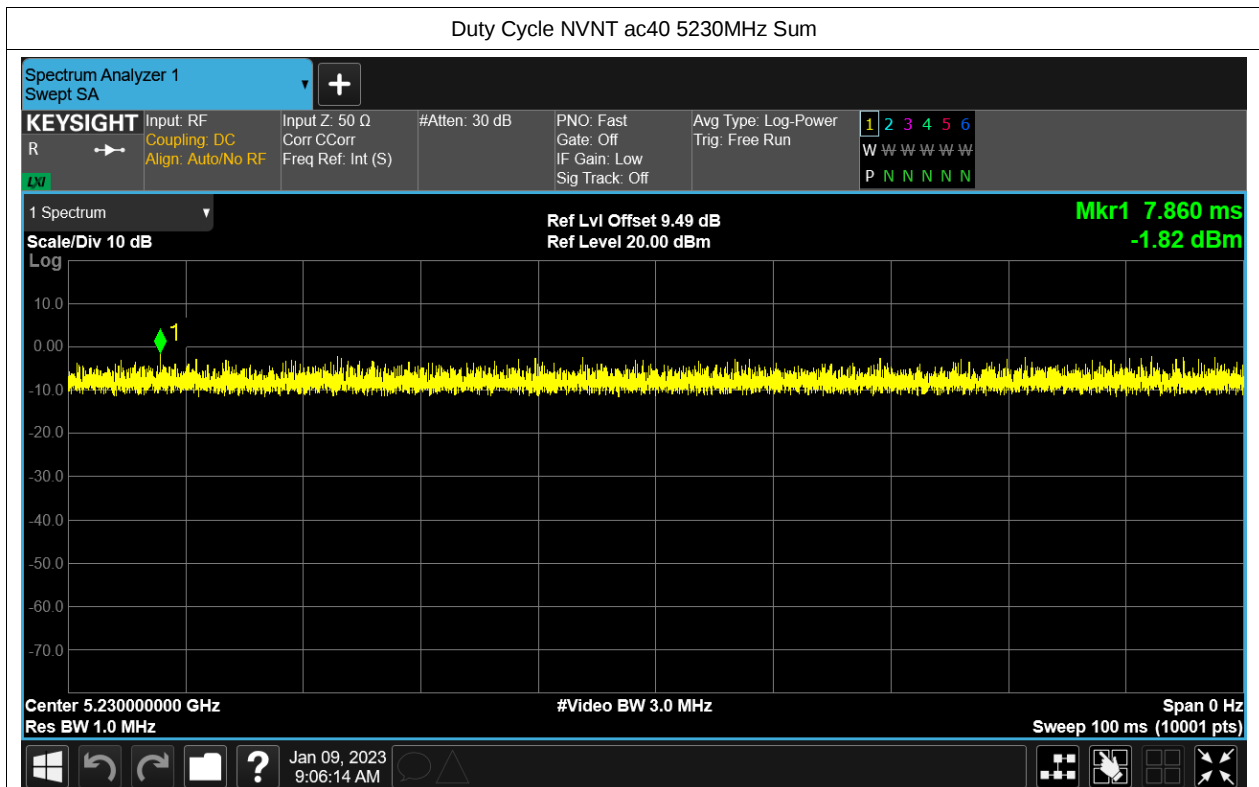


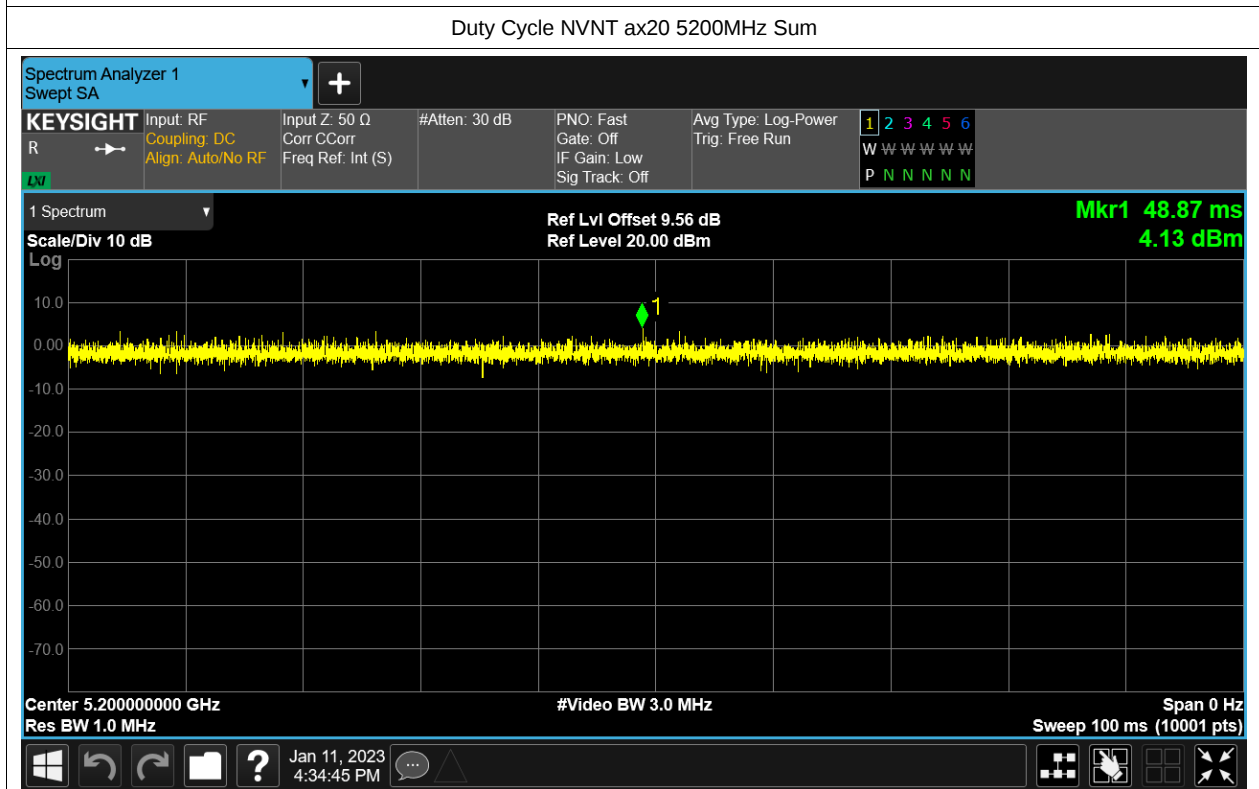
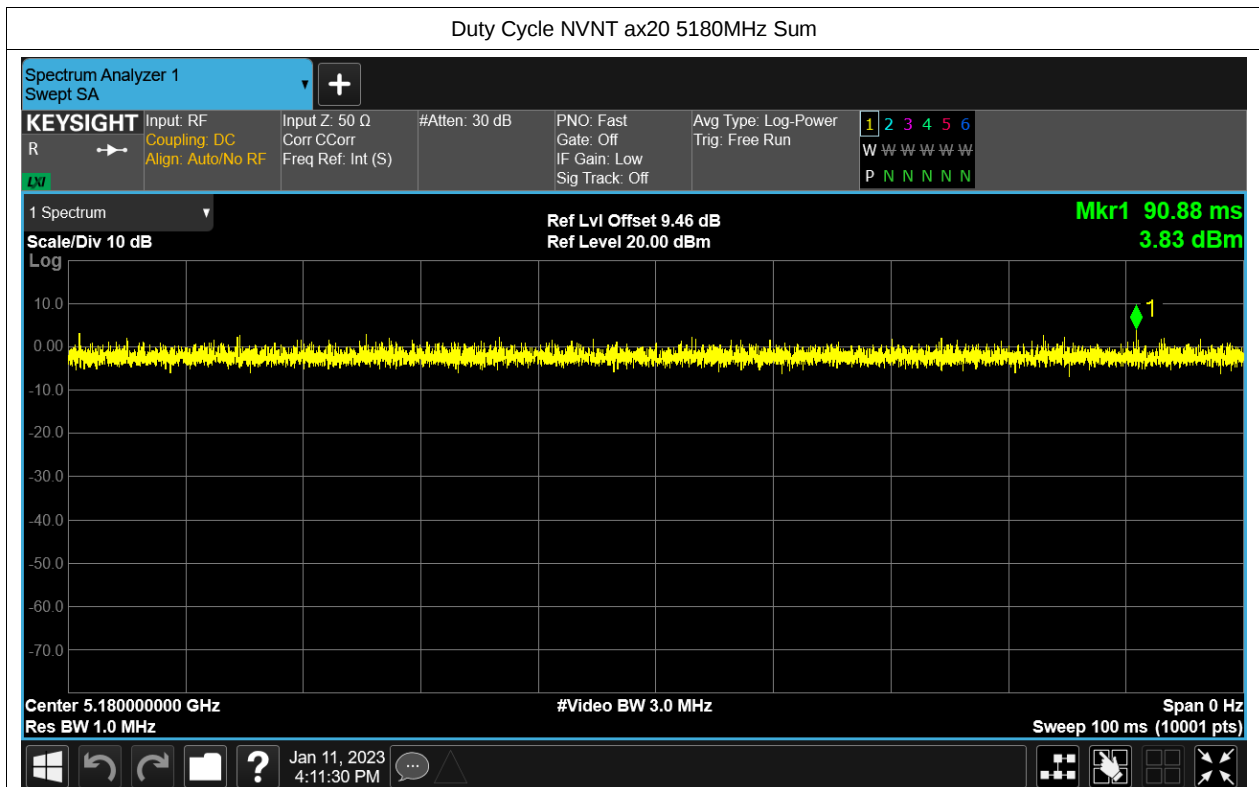


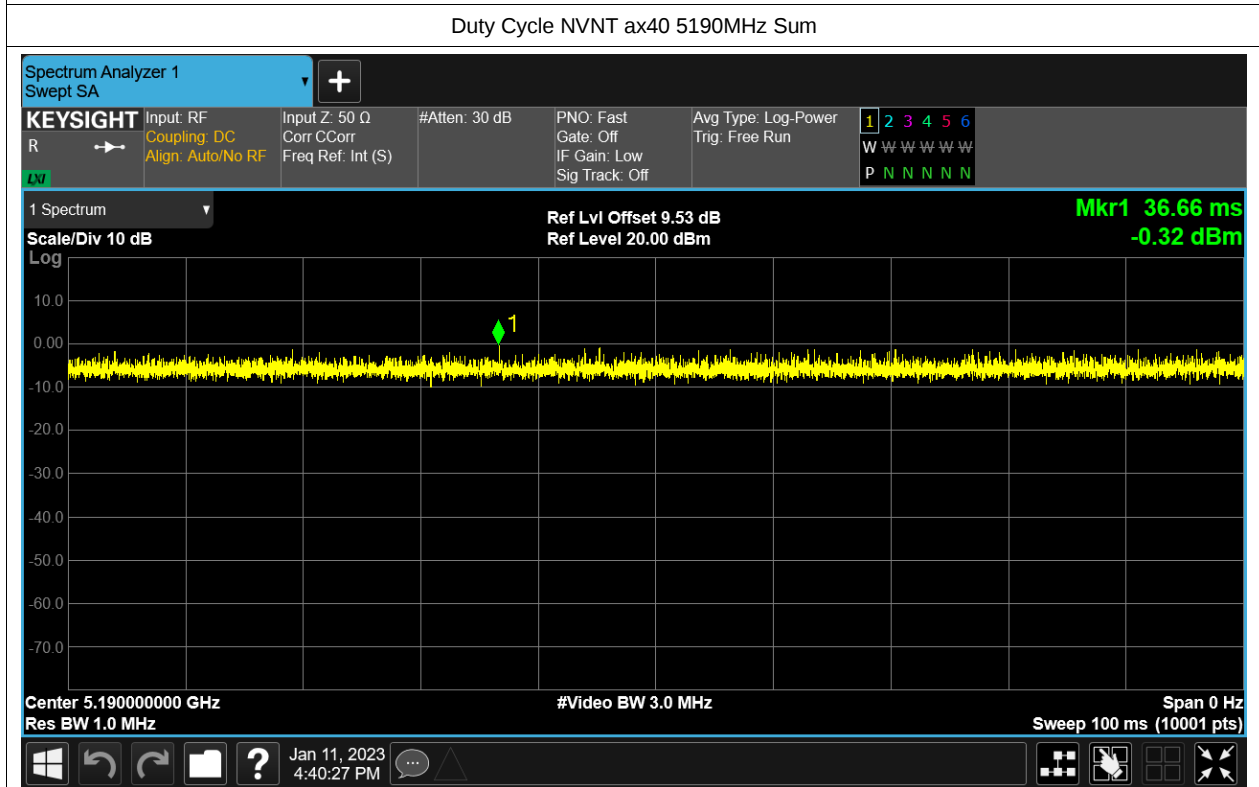
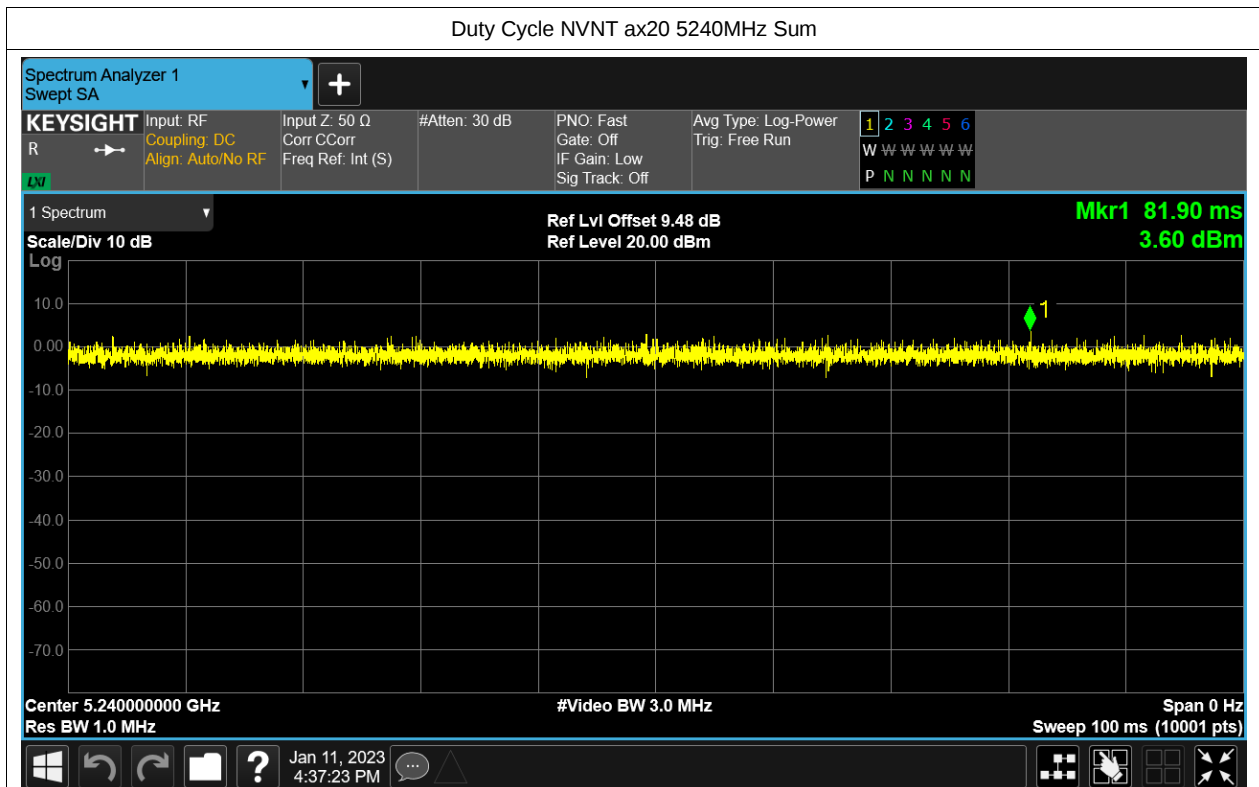


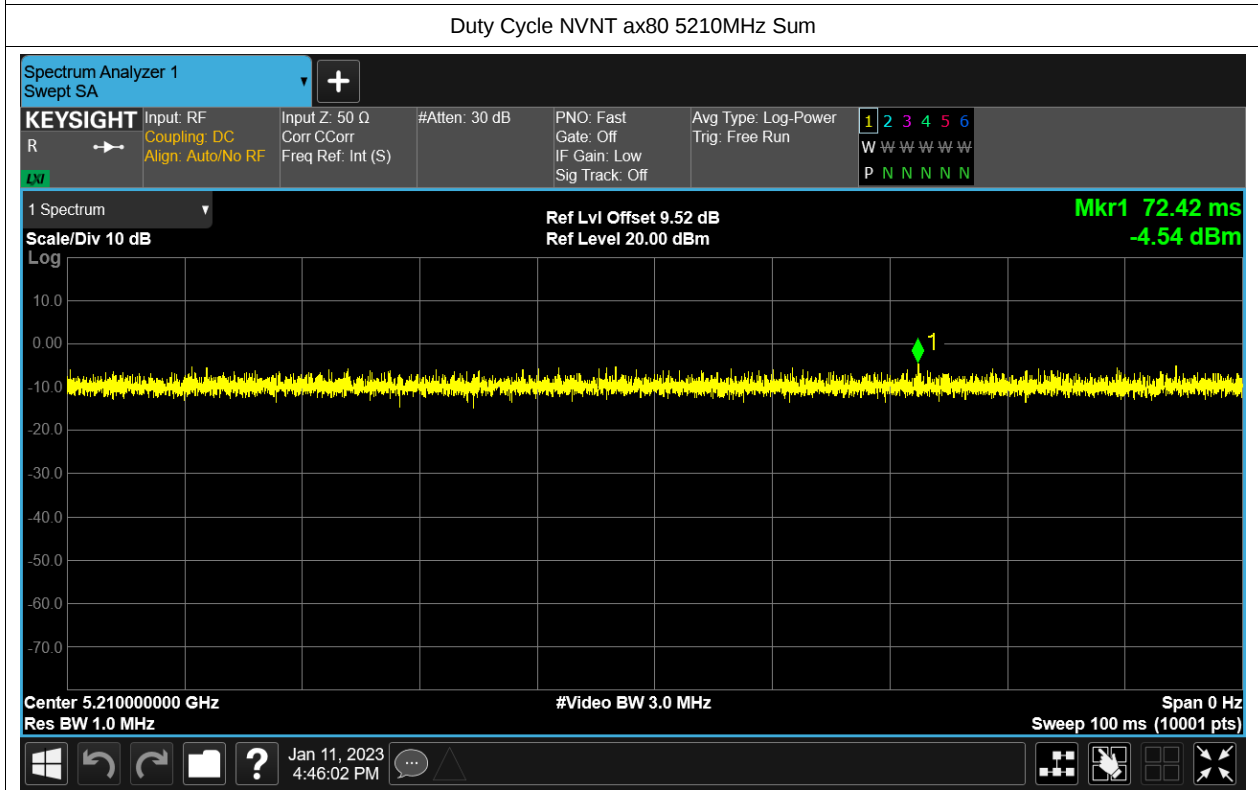
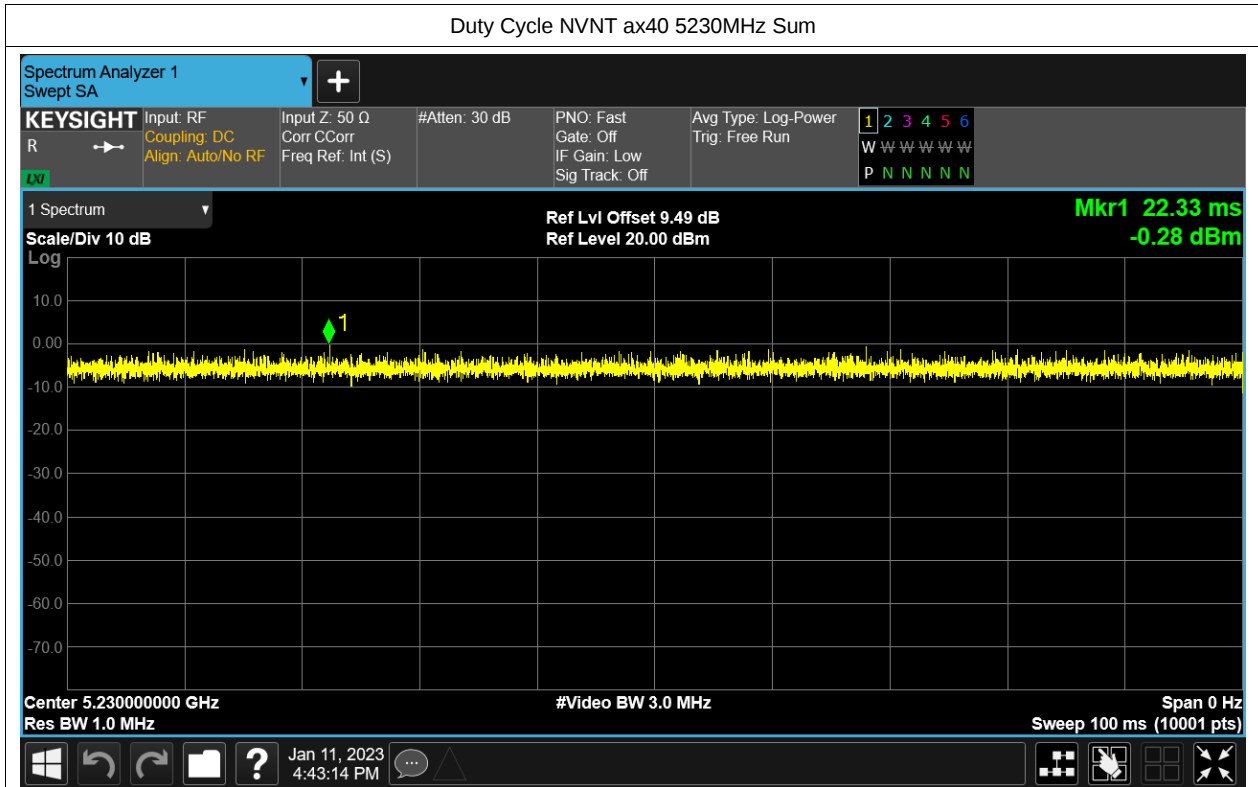


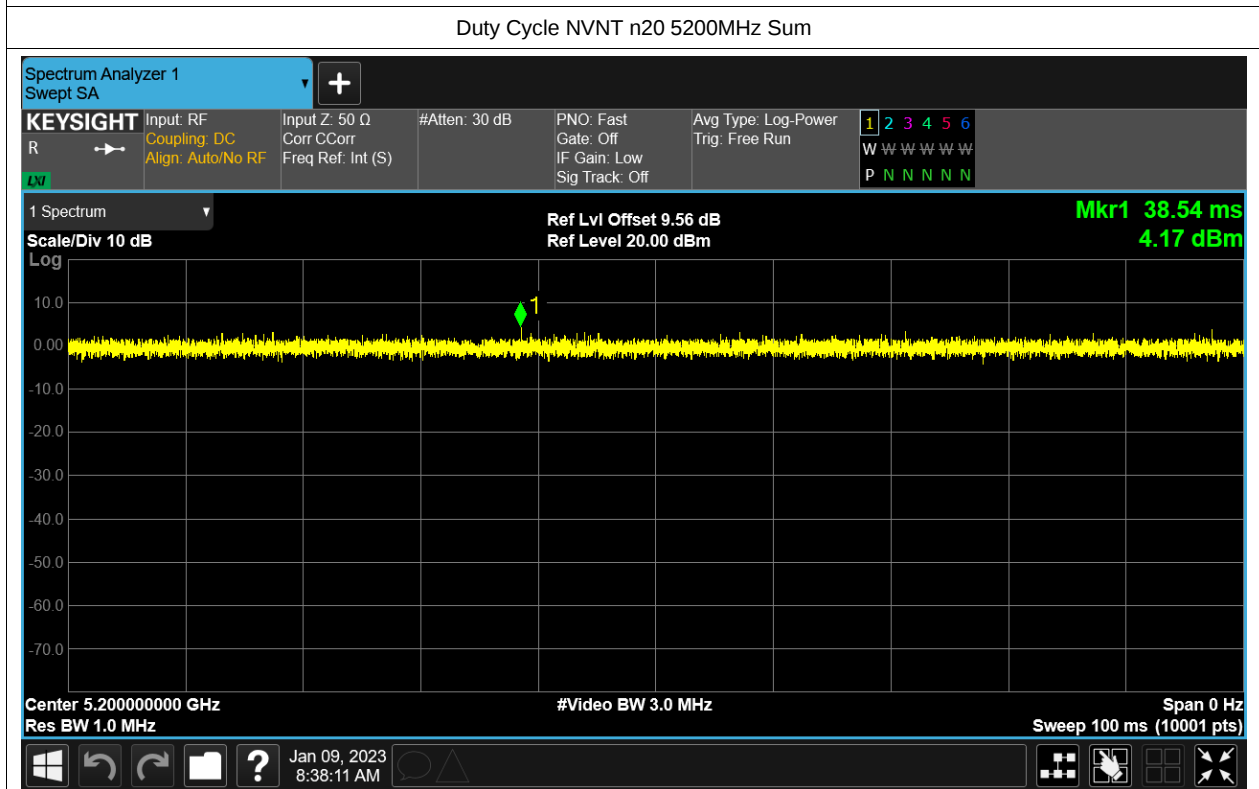
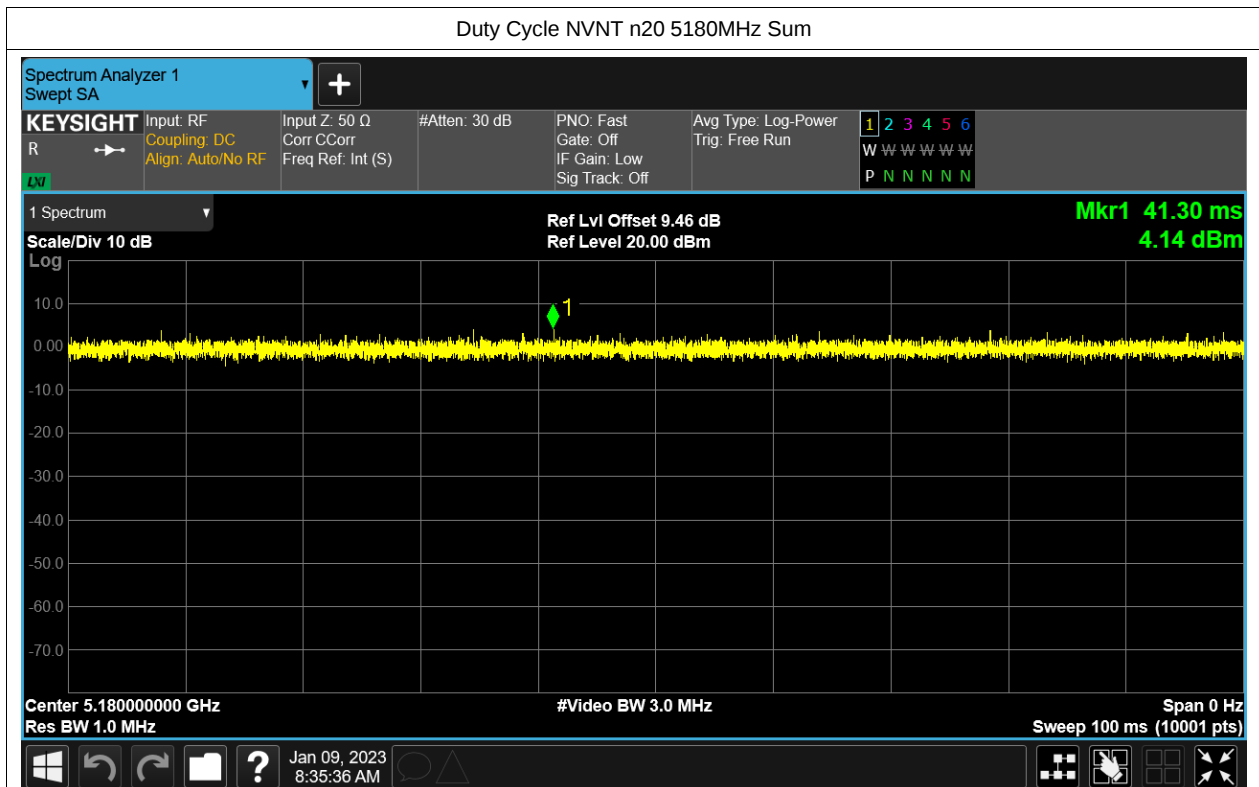


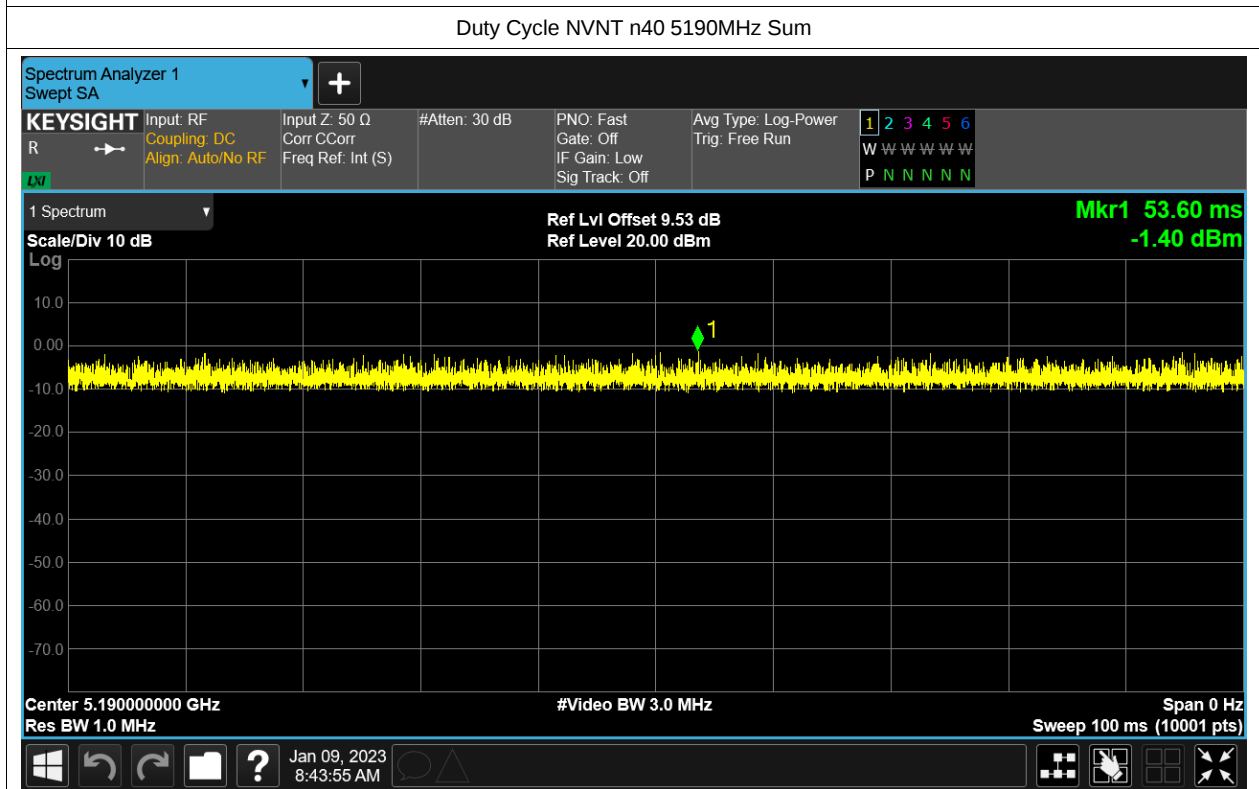
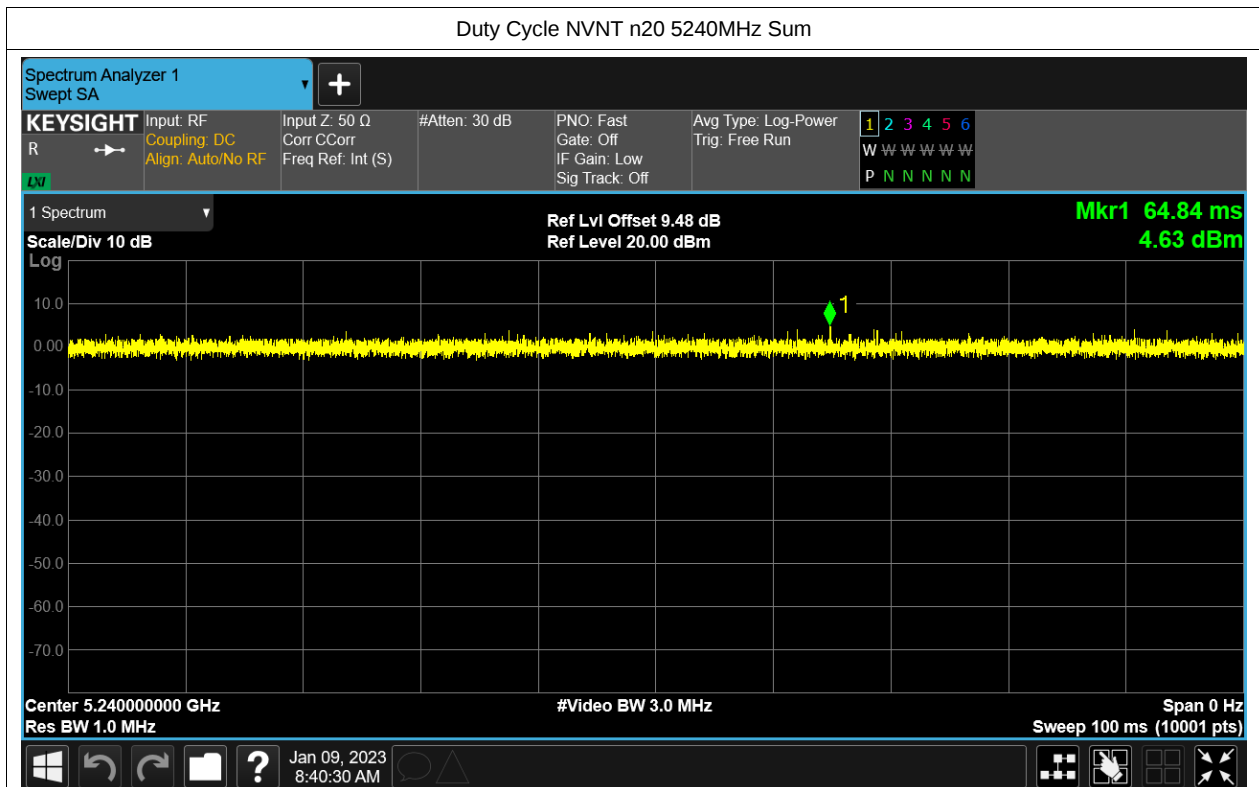


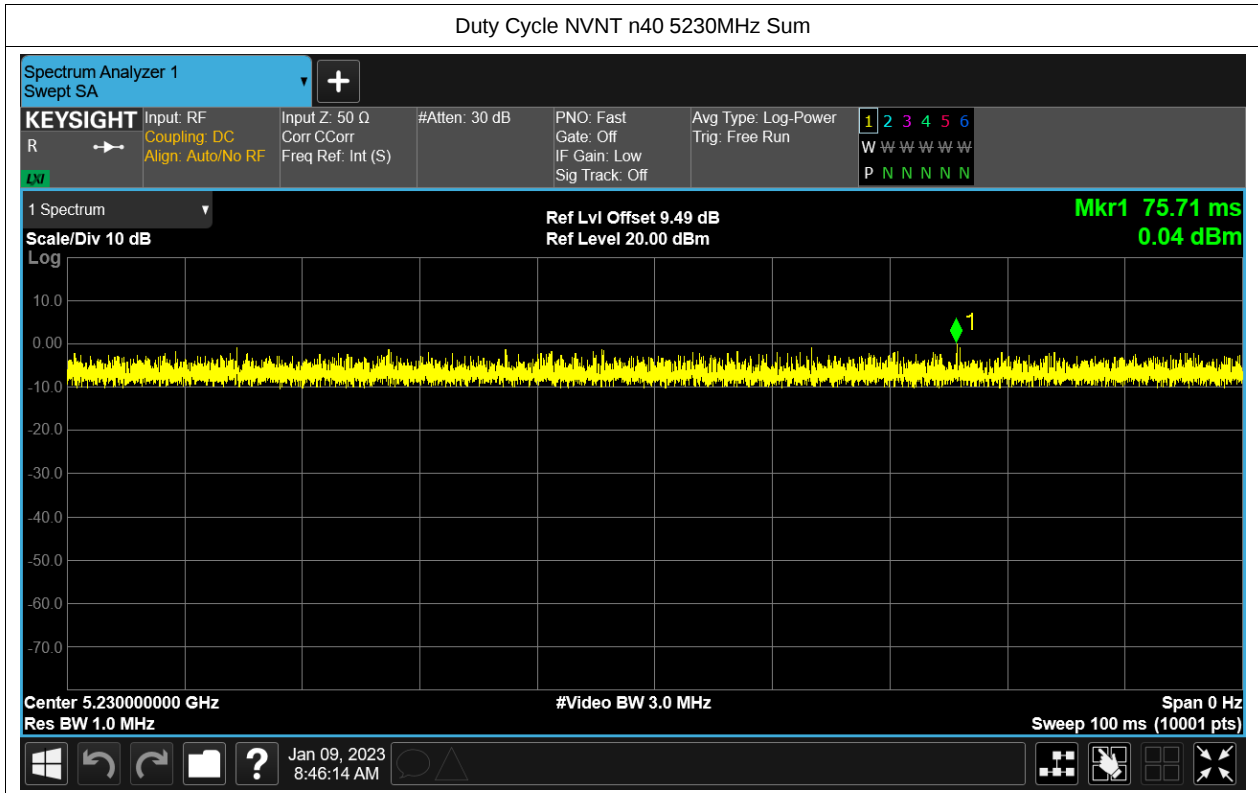












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant7	12.82	0	12.82	24	Pass
NVNT	a	5200	Ant7	12.96	0	12.96	24	Pass
NVNT	a	5240	Ant7	13.28	0	13.28	24	Pass
NVNT	a	5180	Ant6	12.94	0	12.94	24	Pass
NVNT	a	5200	Ant6	12.81	0	12.81	24	Pass
NVNT	a	5240	Ant6	13.05	0	13.05	24	Pass
NVNT	ac20	5180	Ant7	8.62	0	8.62	24	Pass
NVNT	ac20	5180	Ant6	10.04	0	10.04	24	Pass
NVNT	ac20	5180	Sum	12.398	0	12.398	24	Pass
NVNT	ac20	5200	Ant7	8.62	0	8.62	24	Pass
NVNT	ac20	5200	Ant6	10.18	0	10.18	24	Pass
NVNT	ac20	5200	Sum	12.48	0	12.48	24	Pass
NVNT	ac20	5240	Ant7	8.92	0	8.92	24	Pass
NVNT	ac20	5240	Ant6	10.35	0	10.35	24	Pass
NVNT	ac20	5240	Sum	12.704	0	12.704	24	Pass
NVNT	ac40	5190	Ant7	8.28	0	8.28	24	Pass
NVNT	ac40	5190	Ant6	9.87	0	9.87	24	Pass
NVNT	ac40	5190	Sum	12.158	0	12.158	24	Pass
NVNT	ac40	5230	Ant7	8.54	0	8.54	24	Pass
NVNT	ac40	5230	Ant6	10.03	0	10.03	24	Pass
NVNT	ac40	5230	Sum	12.359	0	12.359	24	Pass
NVNT	ac80	5210	Ant7	8.18	0	8.18	24	Pass
NVNT	ac80	5210	Ant6	9.65	0	9.65	24	Pass
NVNT	ac80	5210	Sum	11.987	0	11.987	24	Pass
NVNT	ax20	5180	Ant7	6.74	0	6.74	24	Pass
NVNT	ax20	5180	Ant6	7.26	0	7.26	24	Pass
NVNT	ax20	5180	Sum	10.018	0	10.018	24	Pass
NVNT	ax20	5200	Ant7	6.8	0	6.8	24	Pass
NVNT	ax20	5200	Ant6	6.46	0	6.46	24	Pass
NVNT	ax20	5200	Sum	9.644	0	9.644	24	Pass
NVNT	ax20	5240	Ant7	6.9	0	6.9	24	Pass
NVNT	ax20	5240	Ant6	7.13	0	7.13	24	Pass
NVNT	ax20	5240	Sum	10.027	0	10.027	24	Pass
NVNT	ax40	5190	Ant7	6.86	0	6.86	24	Pass
NVNT	ax40	5190	Ant6	6.83	0	6.83	24	Pass
NVNT	ax40	5190	Sum	9.855	0	9.855	24	Pass
NVNT	ax40	5230	Ant7	6.99	0	6.99	24	Pass
NVNT	ax40	5230	Ant6	7.07	0	7.07	24	Pass
NVNT	ax40	5230	Sum	10.04	0	10.04	24	Pass
NVNT	ax80	5210	Ant7	6.76	0	6.76	24	Pass

NVNT	ax80	5210	Ant6	6.59	0	6.59	24	Pass
NVNT	ax80	5210	Sum	9.686	0	9.686	24	Pass
NVNT	n20	5180	Ant7	9.52	0	9.52	24	Pass
NVNT	n20	5180	Ant6	11.06	0	11.06	24	Pass
NVNT	n20	5180	Sum	13.368	0	13.368	24	Pass
NVNT	n20	5200	Ant7	9.36	0	9.36	24	Pass
NVNT	n20	5200	Ant6	11.03	0	11.03	24	Pass
NVNT	n20	5200	Sum	13.285	0	13.285	24	Pass
NVNT	n20	5240	Ant7	9.8	0	9.8	24	Pass
NVNT	n20	5240	Ant6	11.22	0	11.22	24	Pass
NVNT	n20	5240	Sum	13.578	0	13.578	24	Pass
NVNT	n40	5190	Ant7	9.19	0	9.19	24	Pass
NVNT	n40	5190	Ant6	10.7	0	10.7	24	Pass
NVNT	n40	5190	Sum	13.021	0	13.021	24	Pass
NVNT	n40	5230	Ant7	9.72	0	9.72	24	Pass
NVNT	n40	5230	Ant6	10.99	0	10.99	24	Pass
NVNT	n40	5230	Sum	13.412	0	13.412	24	Pass

Occupied Channel Bandwidth

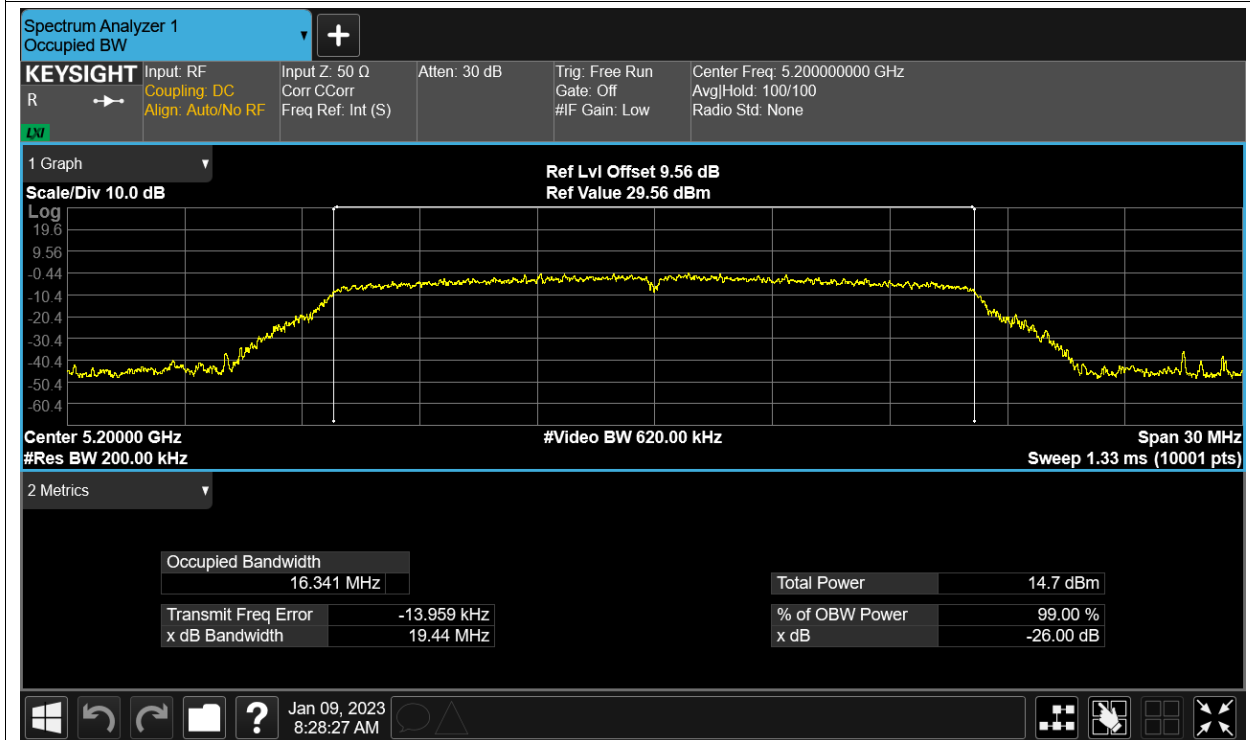
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant7	16.32
NVNT	a	5200	Ant7	16.341
NVNT	a	5240	Ant7	16.321
NVNT	a	5180	Ant6	16.339
NVNT	a	5200	Ant6	16.337
NVNT	a	5240	Ant6	16.318
NVNT	ac20	5180	Ant7	17.486
NVNT	ac20	5180	Ant6	17.502
NVNT	ac20	5200	Ant7	17.476
NVNT	ac20	5200	Ant6	17.493
NVNT	ac20	5240	Ant7	17.465
NVNT	ac20	5240	Ant6	17.527
NVNT	ac40	5190	Ant7	35.872
NVNT	ac40	5190	Ant6	35.871
NVNT	ac40	5230	Ant7	35.888
NVNT	ac40	5230	Ant6	35.834
NVNT	ac80	5210	Ant7	75.347
NVNT	ac80	5210	Ant6	75.315
NVNT	ax20	5180	Ant7	18.773
NVNT	ax20	5180	Ant6	18.771
NVNT	ax20	5200	Ant7	18.753
NVNT	ax20	5200	Ant6	18.74
NVNT	ax20	5240	Ant7	18.771
NVNT	ax20	5240	Ant6	18.748
NVNT	ax40	5190	Ant7	37.555
NVNT	ax40	5190	Ant6	37.545
NVNT	ax40	5230	Ant7	37.522
NVNT	ax40	5230	Ant6	37.538
NVNT	ax80	5210	Ant7	76.945
NVNT	ax80	5210	Ant6	77.07
NVNT	n20	5180	Ant7	17.491
NVNT	n20	5180	Ant6	17.5
NVNT	n20	5200	Ant7	17.487
NVNT	n20	5200	Ant6	17.515
NVNT	n20	5240	Ant7	17.476
NVNT	n20	5240	Ant6	17.487
NVNT	n40	5190	Ant7	35.94
NVNT	n40	5190	Ant6	35.845
NVNT	n40	5230	Ant7	35.873
NVNT	n40	5230	Ant6	35.841

Test Graphs

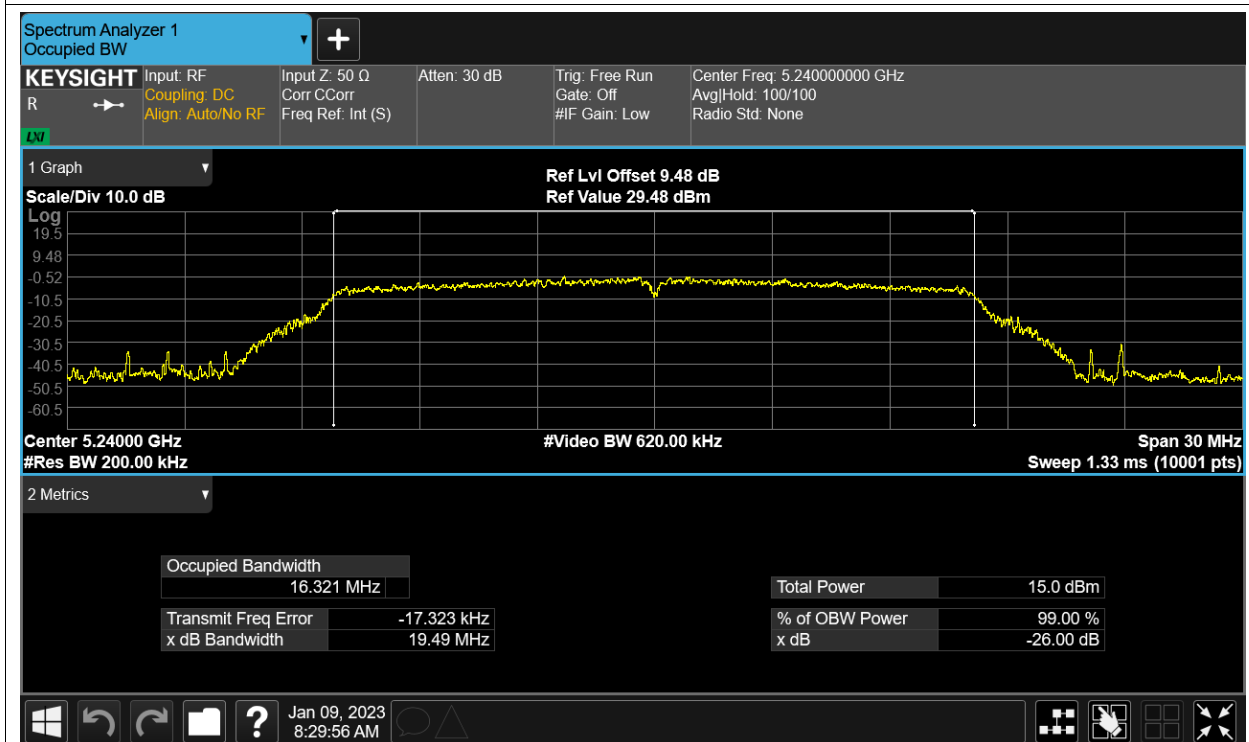
OBW NVNT a 5180MHz Ant7



OBW NVNT a 5200MHz Ant7



OBW NVNT a 5240MHz Ant7



OBW NVNT a 5180MHz Ant6

