

Test Data

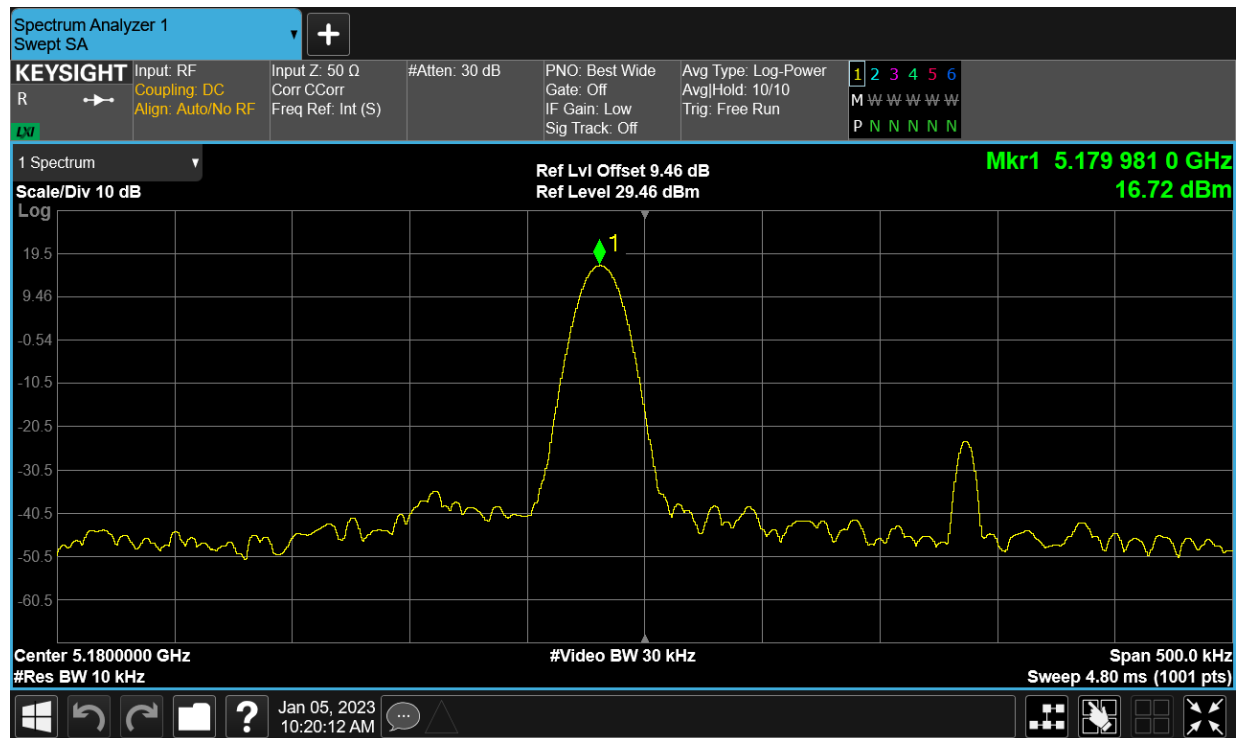
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.981	-3.67	Within authorized band	Pass
HVNT	a	5180	Ant2	5179.9815	-3.57		Pass
LVNT	a	5180	Ant1	5179.981	-3.67		Pass
LVNT	a	5180	Ant2	5179.9815	-3.57		Pass
NVHT	a	5180	Ant1	5179.981	-3.67		Pass
NVHT	a	5180	Ant2	5179.9815	-3.57		Pass
NVLT	a	5180	Ant1	5179.9815	-3.57		Pass
NVLT	a	5180	Ant2	5179.981	-3.67		Pass
NVNT	a	5180	Ant1	5179.982	-3.47		Pass
NVNT	a	5180	Ant2	5179.981	-3.67		Pass
HVNT	ax20	5180	Sum	5179.981	-3.67		Pass
LVNT	ax20	5180	Sum	5179.981	-3.67		Pass
NVHT	ax20	5180	Sum	5179.981	-3.67		Pass
NVLT	ax20	5180	Sum	5179.981	-3.67		Pass
NVNT	ax20	5180	Sum	5179.9815	-3.57		Pass
HVNT	ax40	5190	Sum	5189.981	-3.66		Pass
LVNT	ax40	5190	Sum	5189.981	-3.66		Pass
NVHT	ax40	5190	Sum	5189.981	-3.66		Pass
NVLT	ax40	5190	Sum	5189.9815	-3.56		Pass
NVNT	ax40	5190	Sum	5189.9815	-3.56		Pass
HVNT	ax80	5210	Sum	5209.981	-3.65		Pass
LVNT	ax80	5210	Sum	5209.981	-3.65		Pass
NVHT	ax80	5210	Sum	5209.981	-3.65		Pass
NVLT	ax80	5210	Sum	5209.9815	-3.55		Pass
NVNT	ax80	5210	Sum	5209.982	-3.45		Pass
HVNT	n20	5180	Sum	5179.981	-3.67		Pass
LVNT	n20	5180	Sum	5179.981	-3.67		Pass
NVHT	n20	5180	Sum	5179.981	-3.67		Pass
NVLT	n20	5180	Sum	5179.981	-3.67		Pass
NVNT	n20	5180	Sum	5179.981	-3.67		Pass
HVNT	n40	5190	Sum	5189.981	-3.66		Pass
LVNT	n40	5190	Sum	5189.981	-3.66		Pass
NVHT	n40	5190	Sum	5189.9815	-3.56		Pass
NVLT	n40	5190	Sum	5189.9815	-3.56		Pass
NVNT	n40	5190	Sum	5189.9815	-3.56		Pass

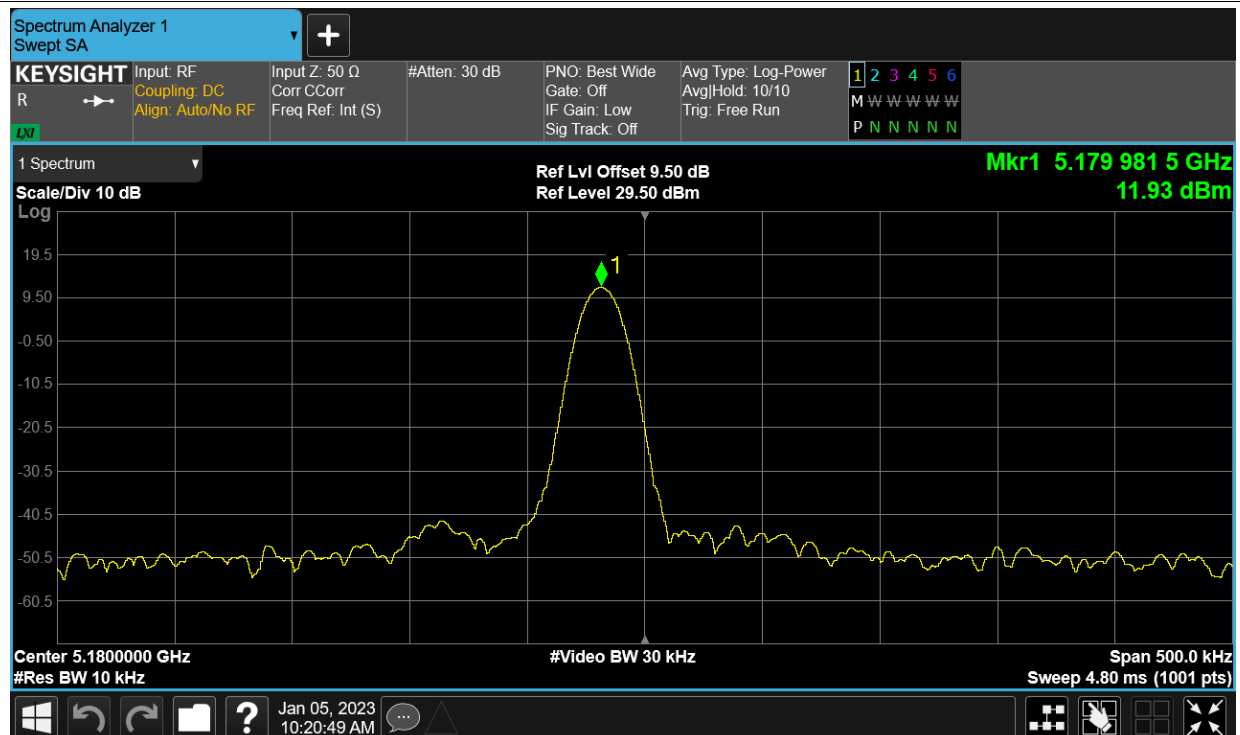
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

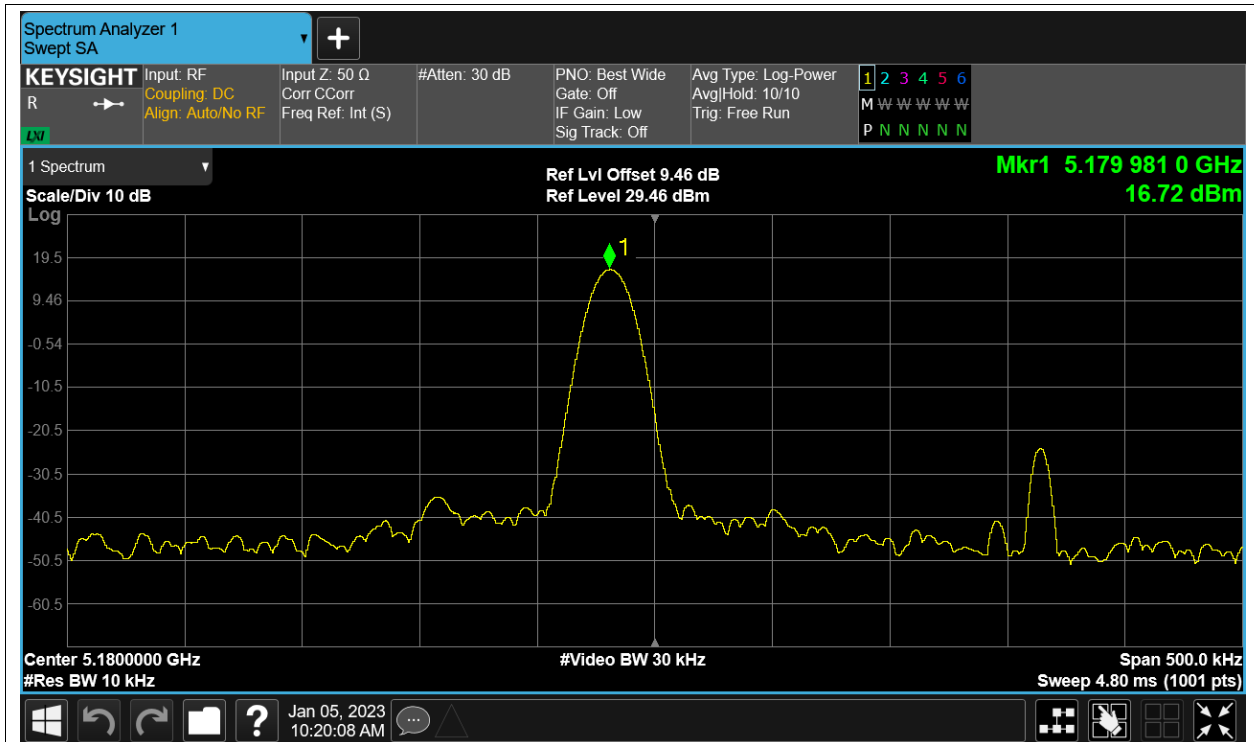
Freq. Stability HVNT a 5180MHz Ant1



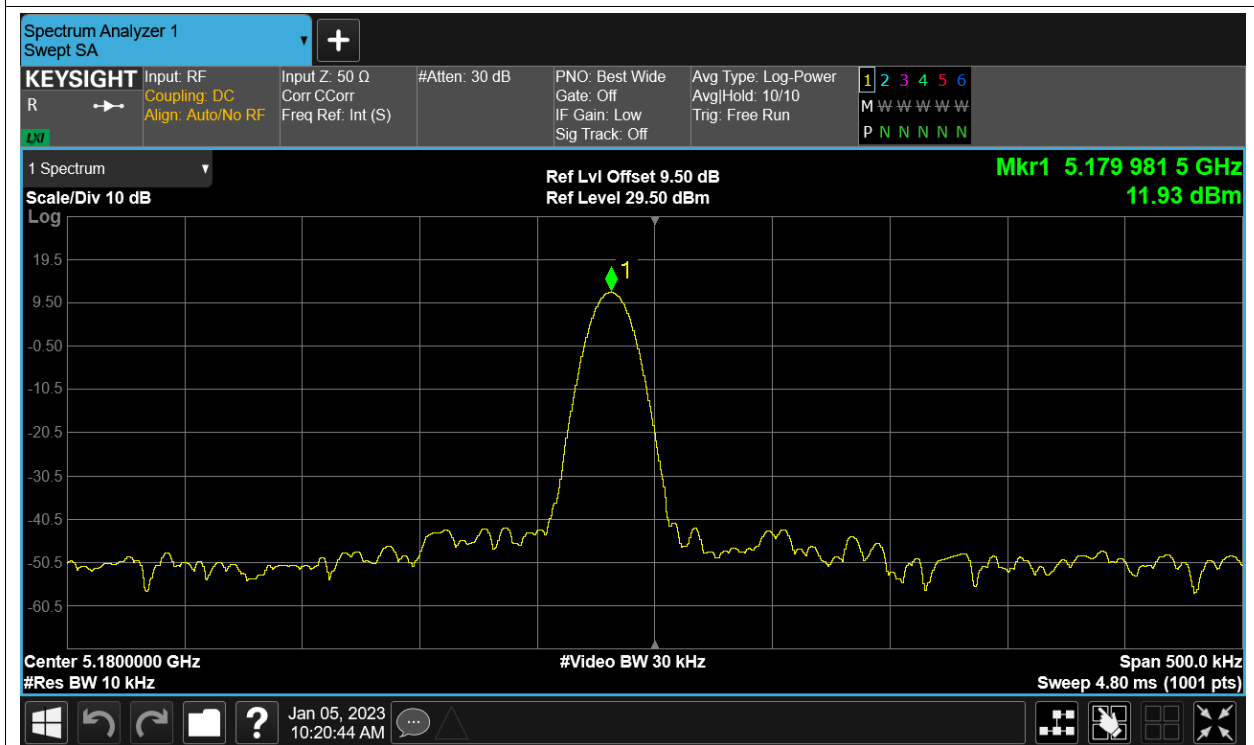
Freq. Stability HVNT a 5180MHz Ant2



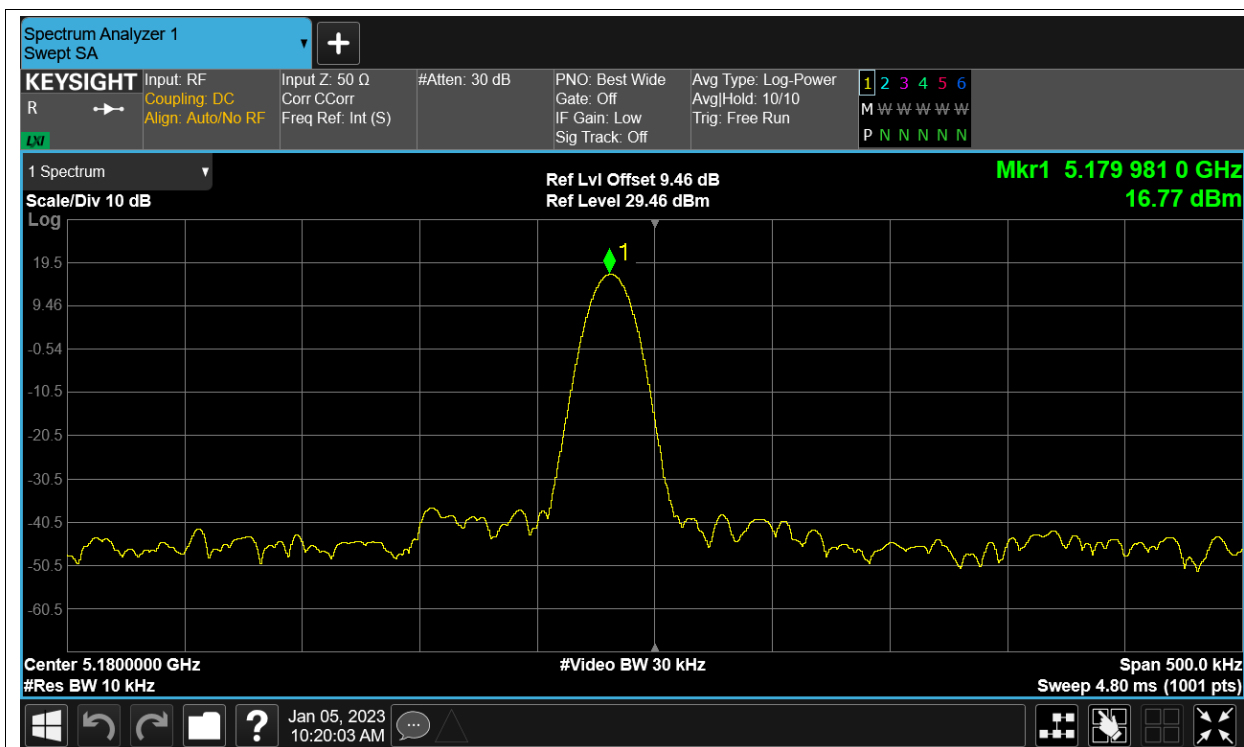
Freq. Stability LVNT a 5180MHz Ant1



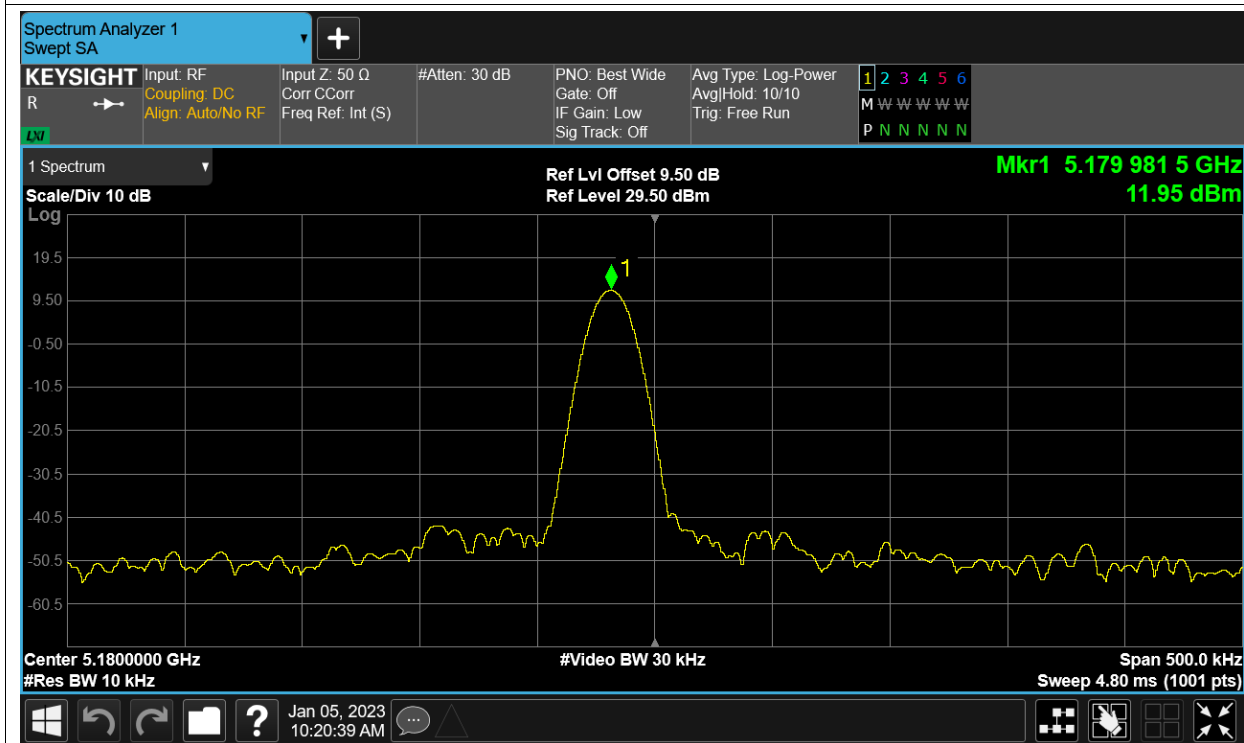
Freq. Stability LVNT a 5180MHz Ant2



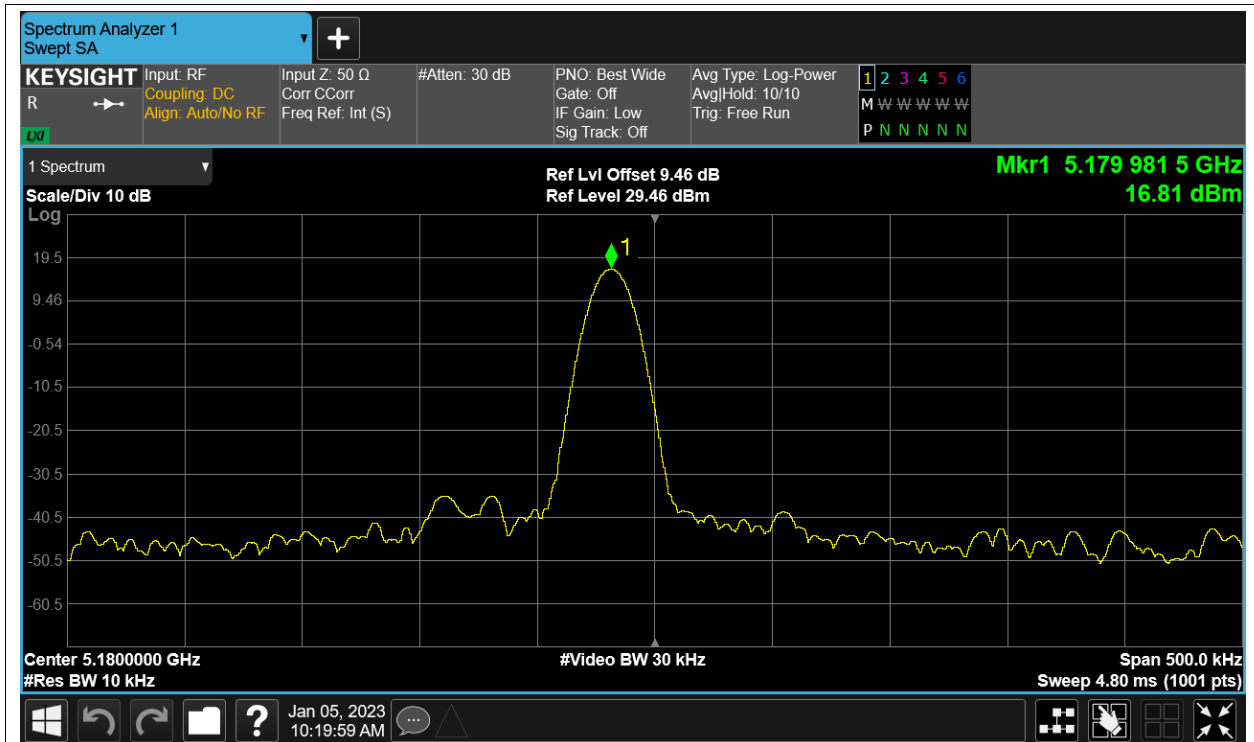
Freq. Stability NVHT a 5180MHz Ant1



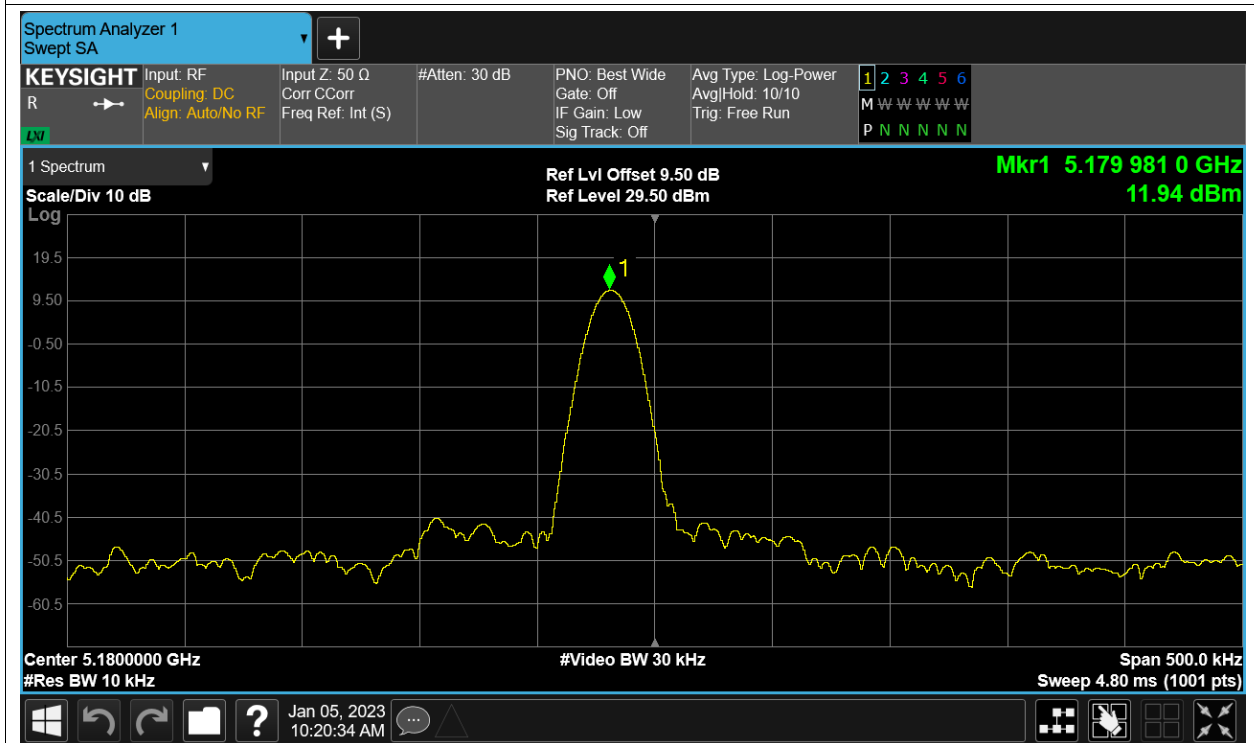
Freq. Stability NVHT a 5180MHz Ant2



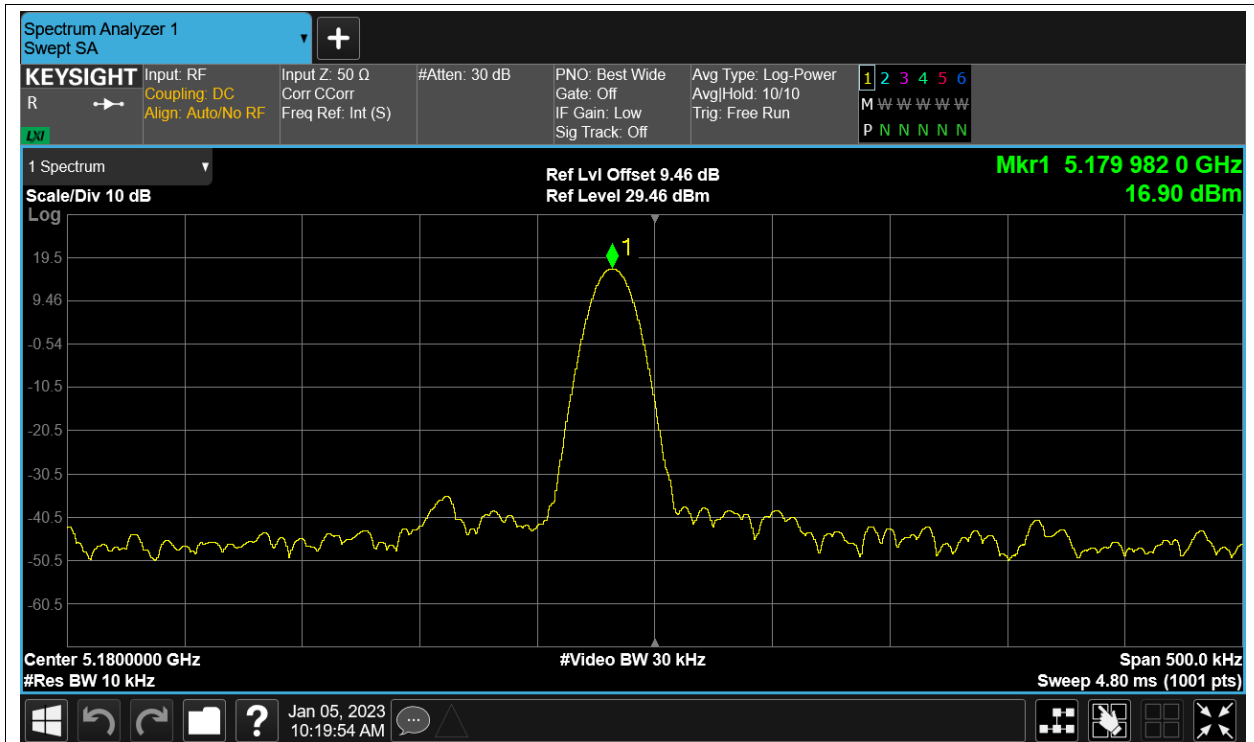
Freq. Stability NVLT a 5180MHz Ant1



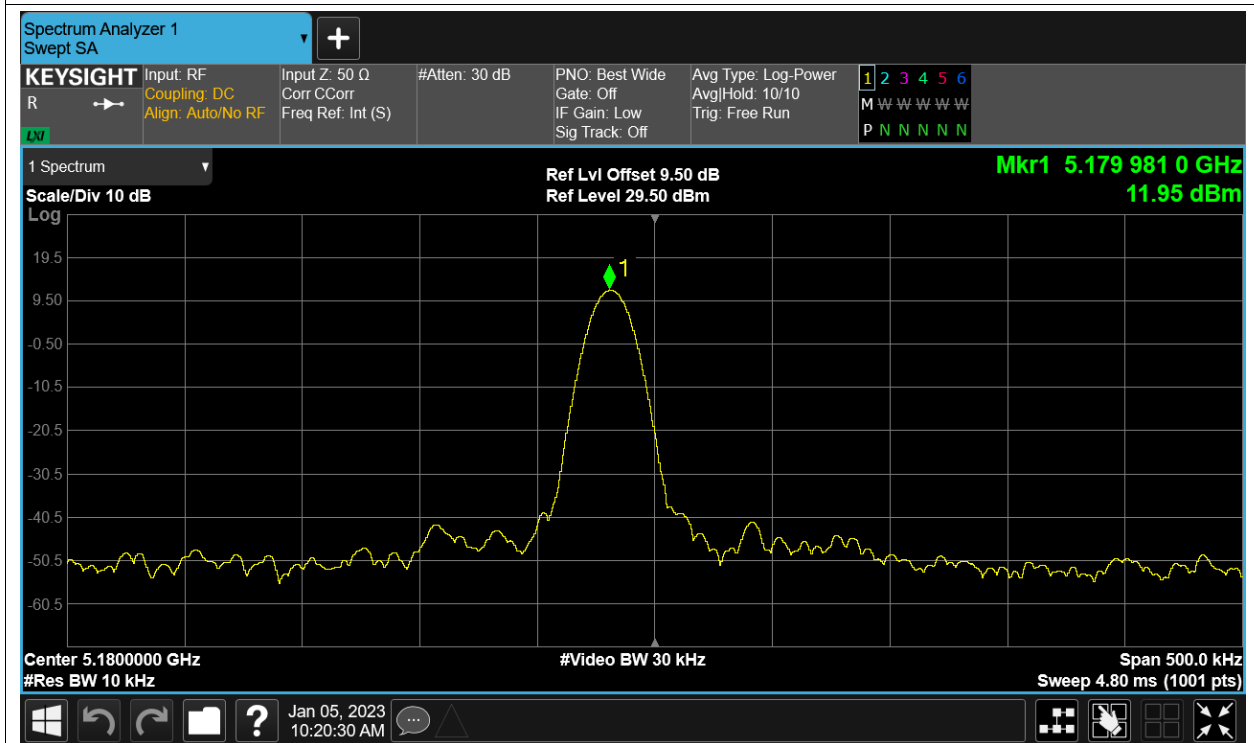
Freq. Stability NVLT a 5180MHz Ant2



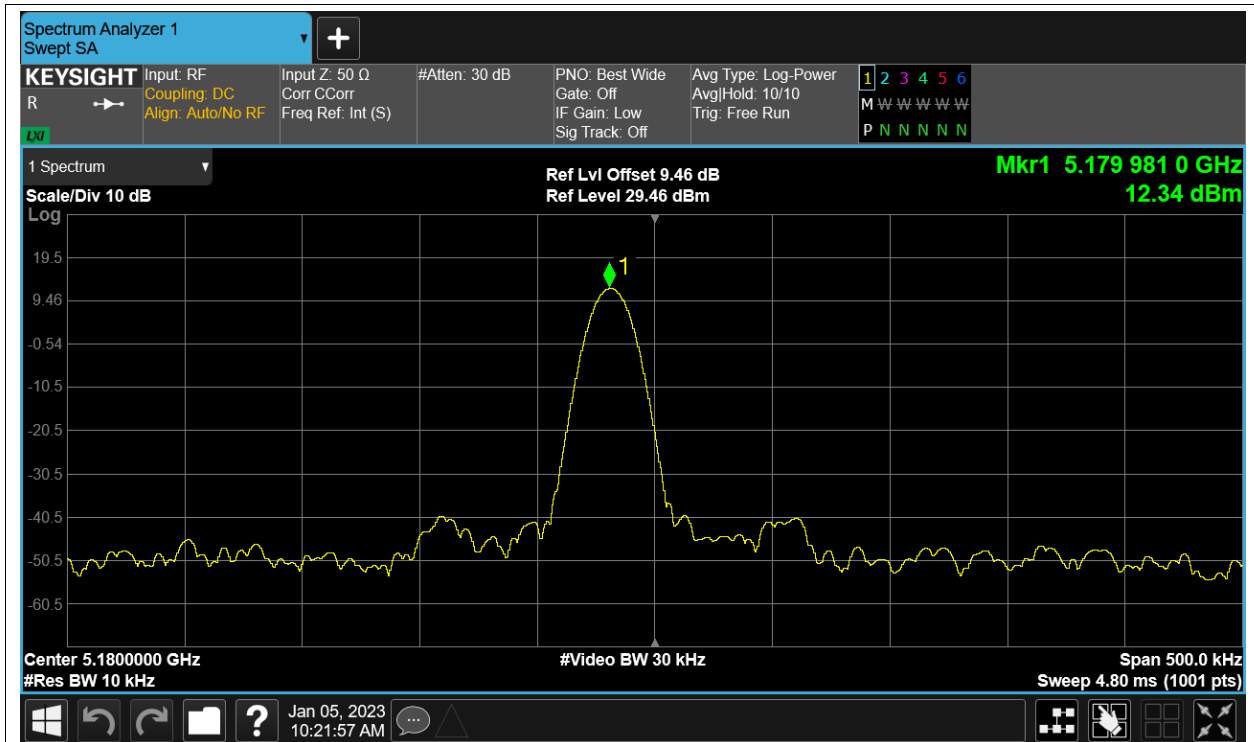
Freq. Stability NVNT a 5180MHz Ant1



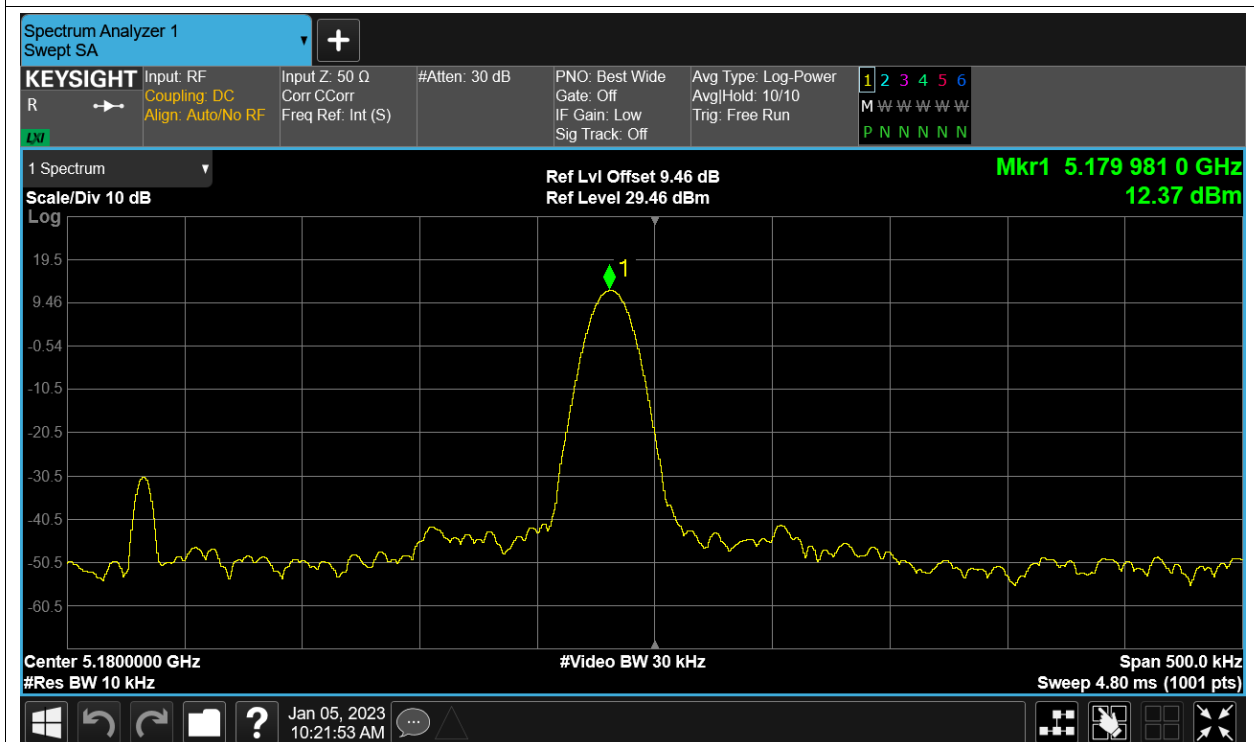
Freq. Stability NVNT a 5180MHz Ant2



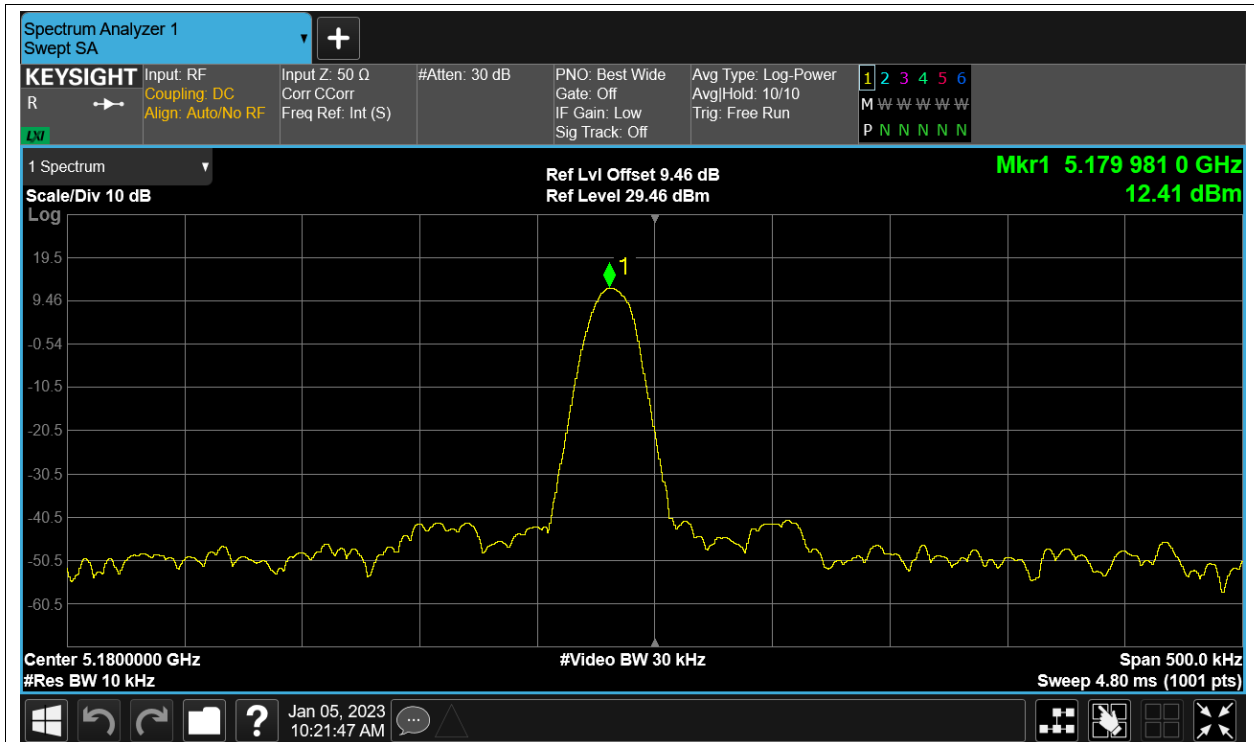
Freq. Stability HVNT ax20 5180MHz Sum



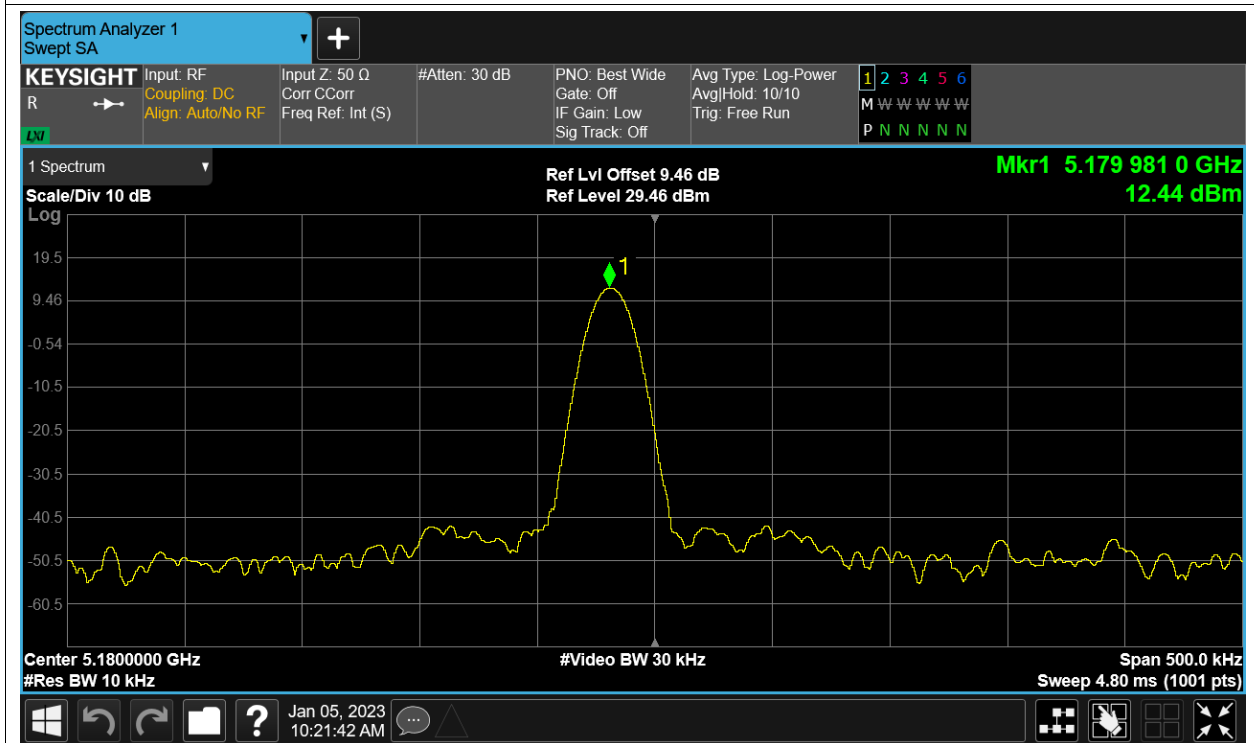
Freq. Stability LVNT ax20 5180MHz Sum



Freq. Stability NVHT ax20 5180MHz Sum



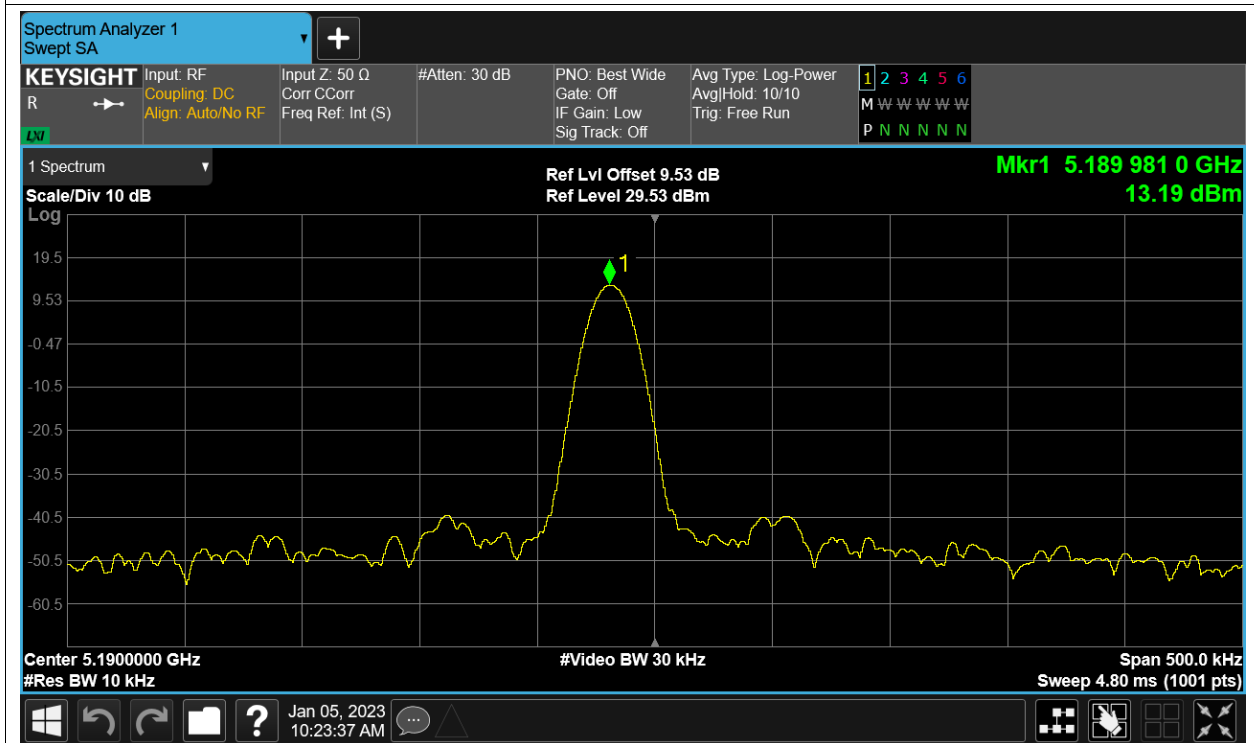
Freq. Stability NVLT ax20 5180MHz Sum



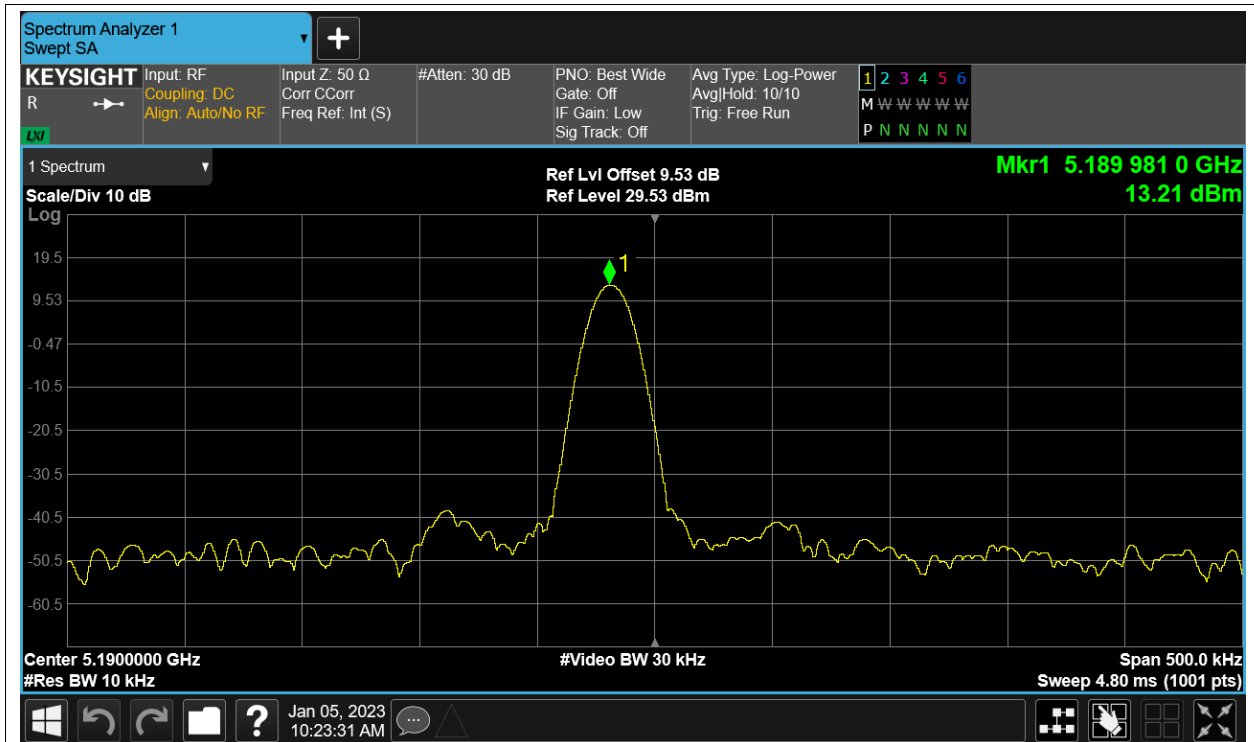
Freq. Stability NVNT ax20 5180MHz Sum



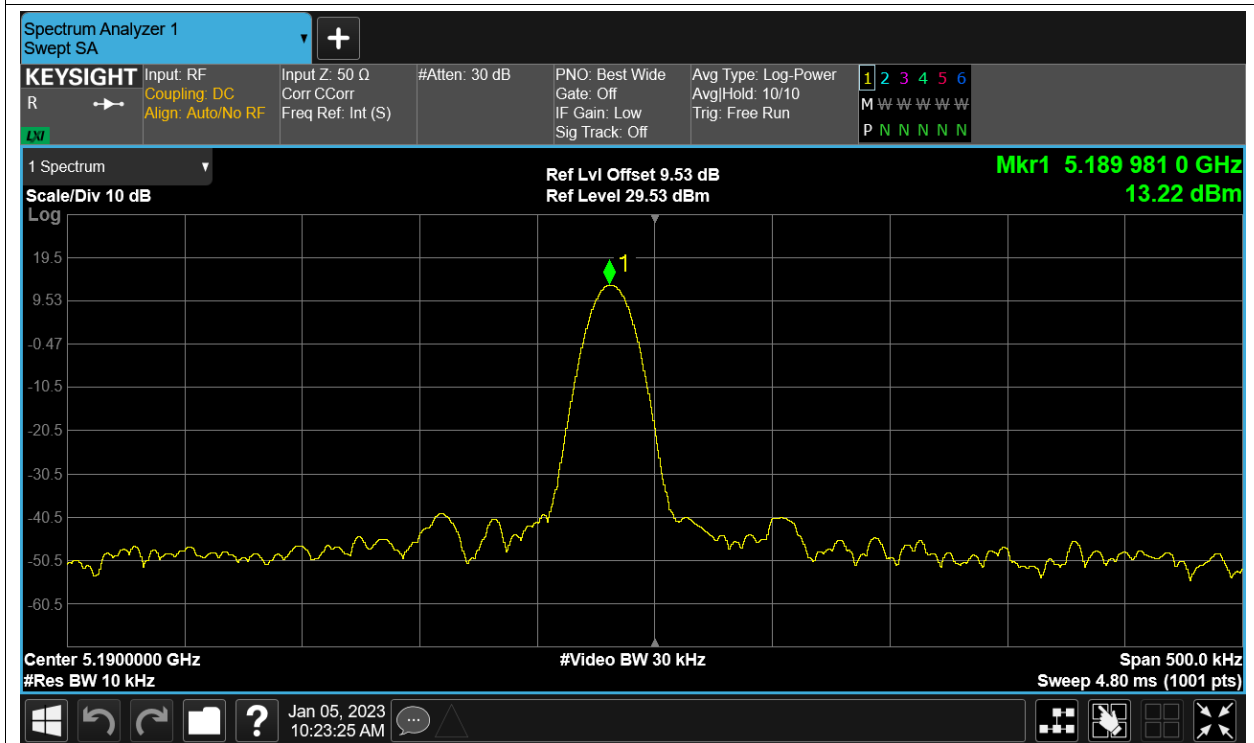
Freq. Stability HVNT ax40 5190MHz Sum



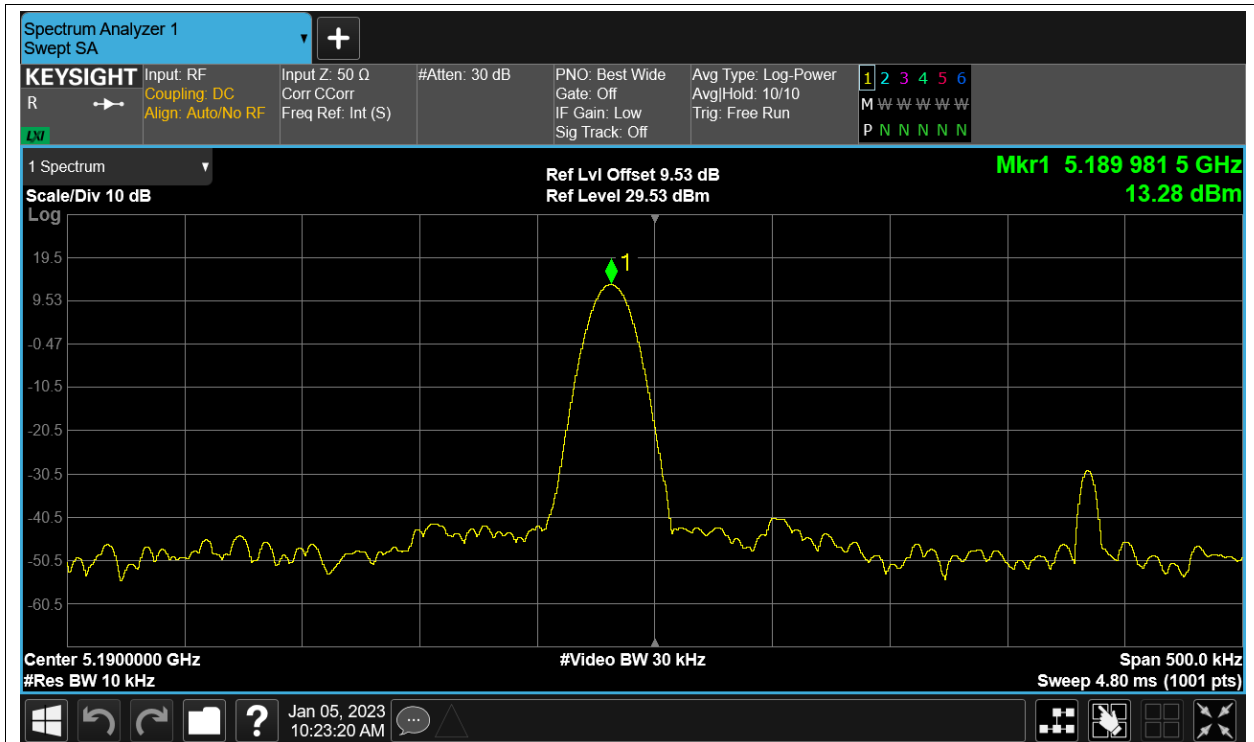
Freq. Stability LVNT ax40 5190MHz Sum



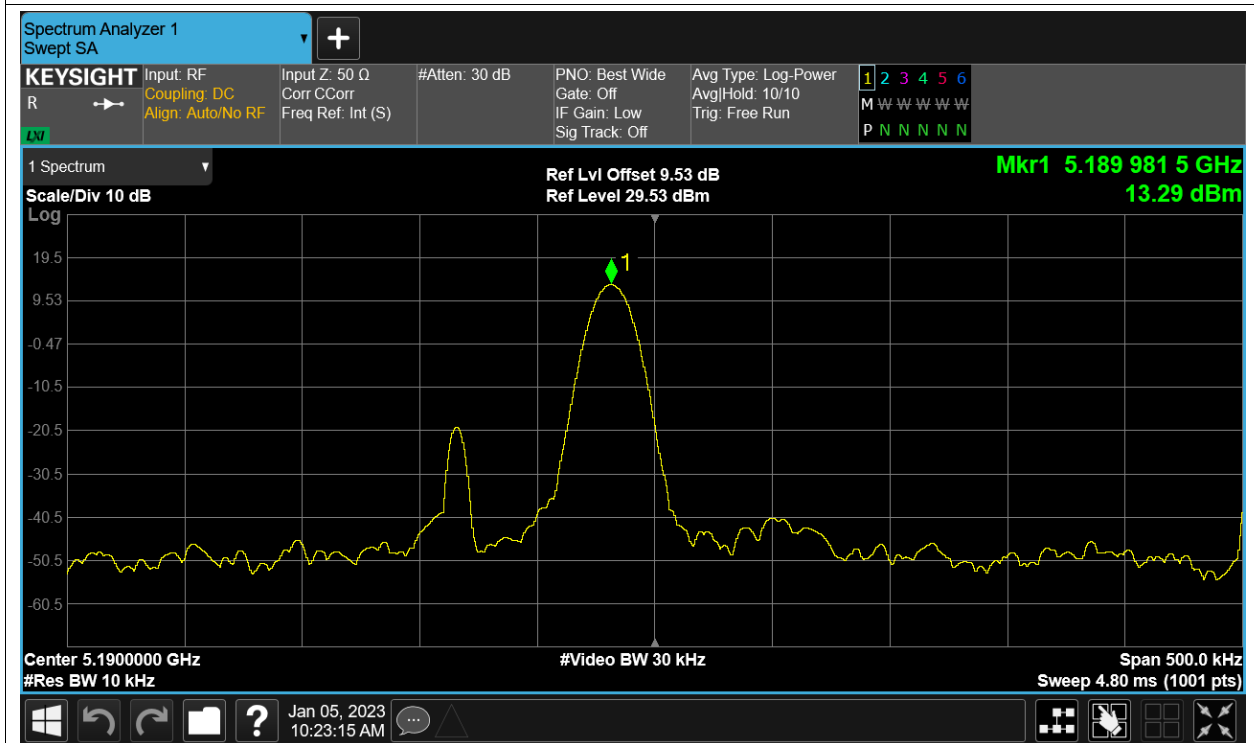
Freq. Stability NVHT ax40 5190MHz Sum



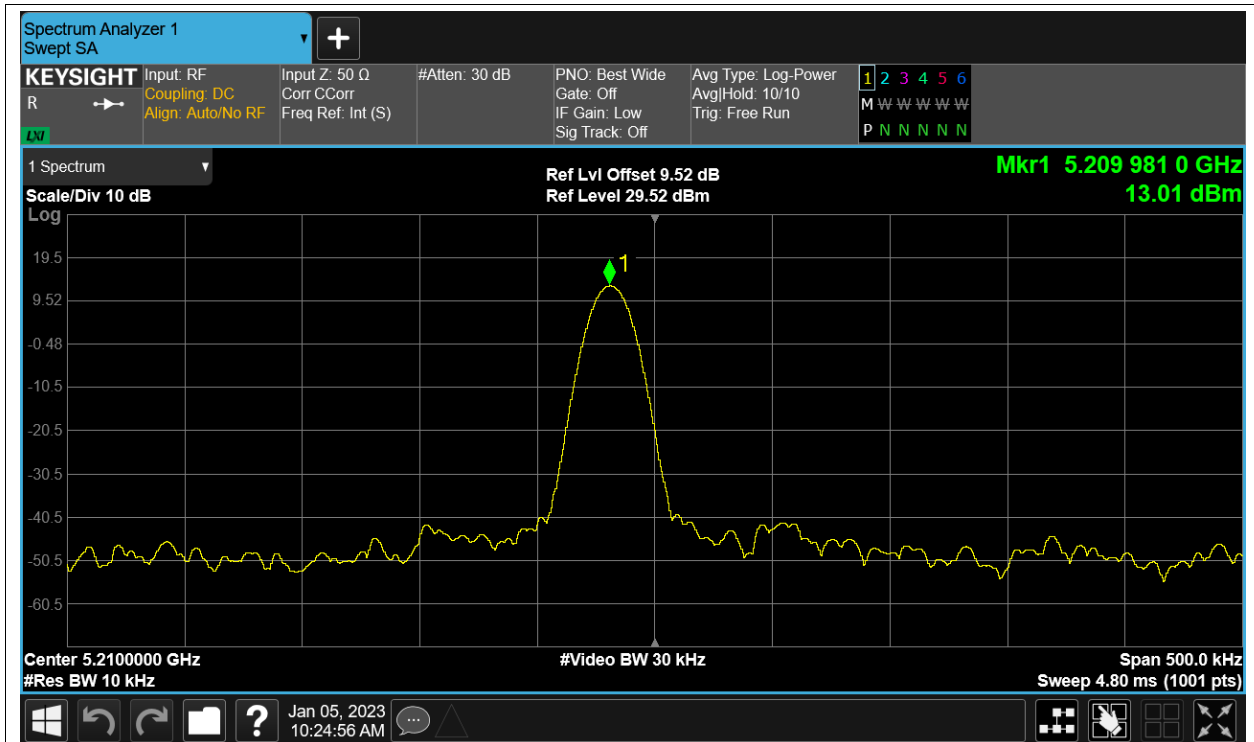
Freq. Stability NVLT ax40 5190MHz Sum



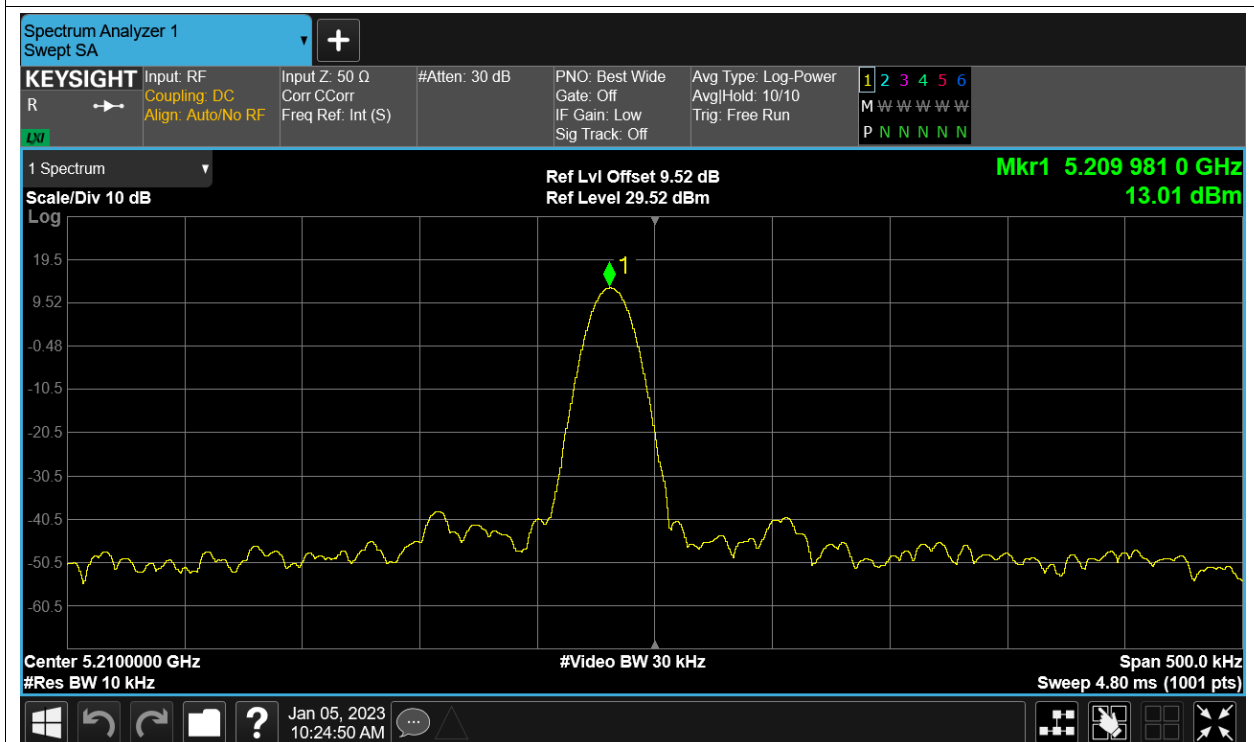
Freq. Stability NVNT ax40 5190MHz Sum



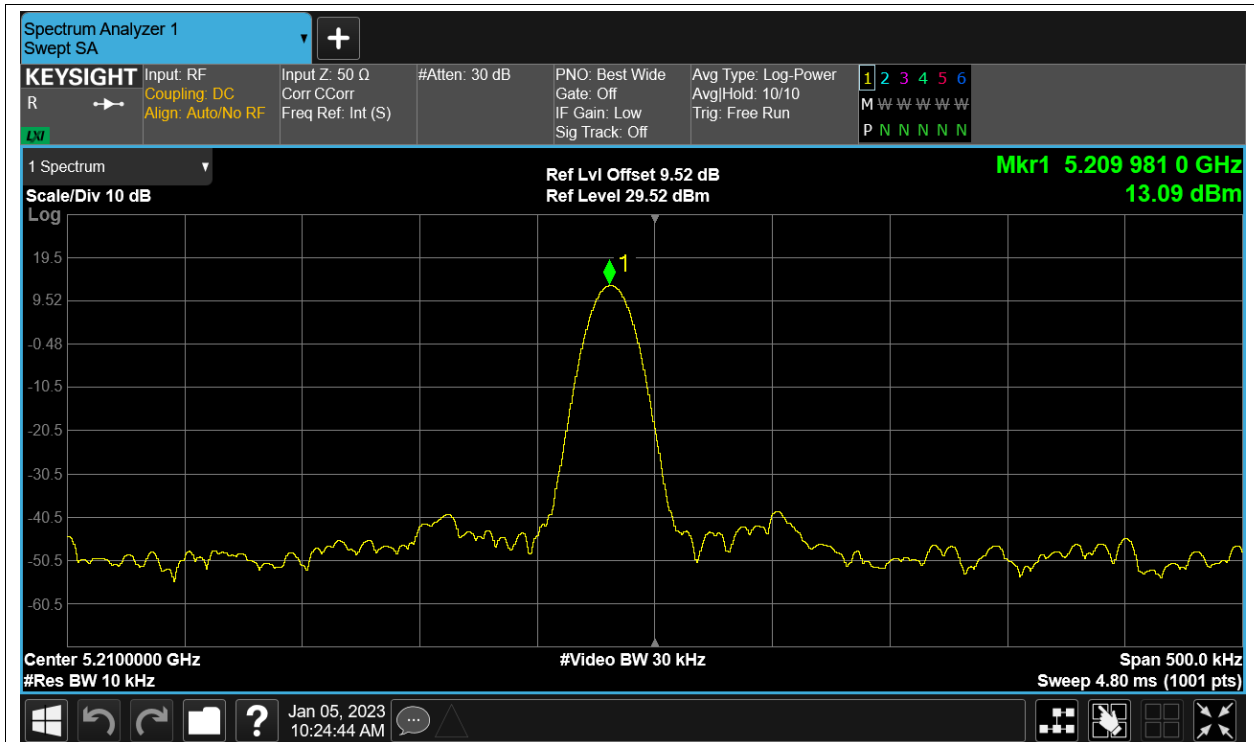
Freq. Stability HVNT ax80 5210MHz Sum



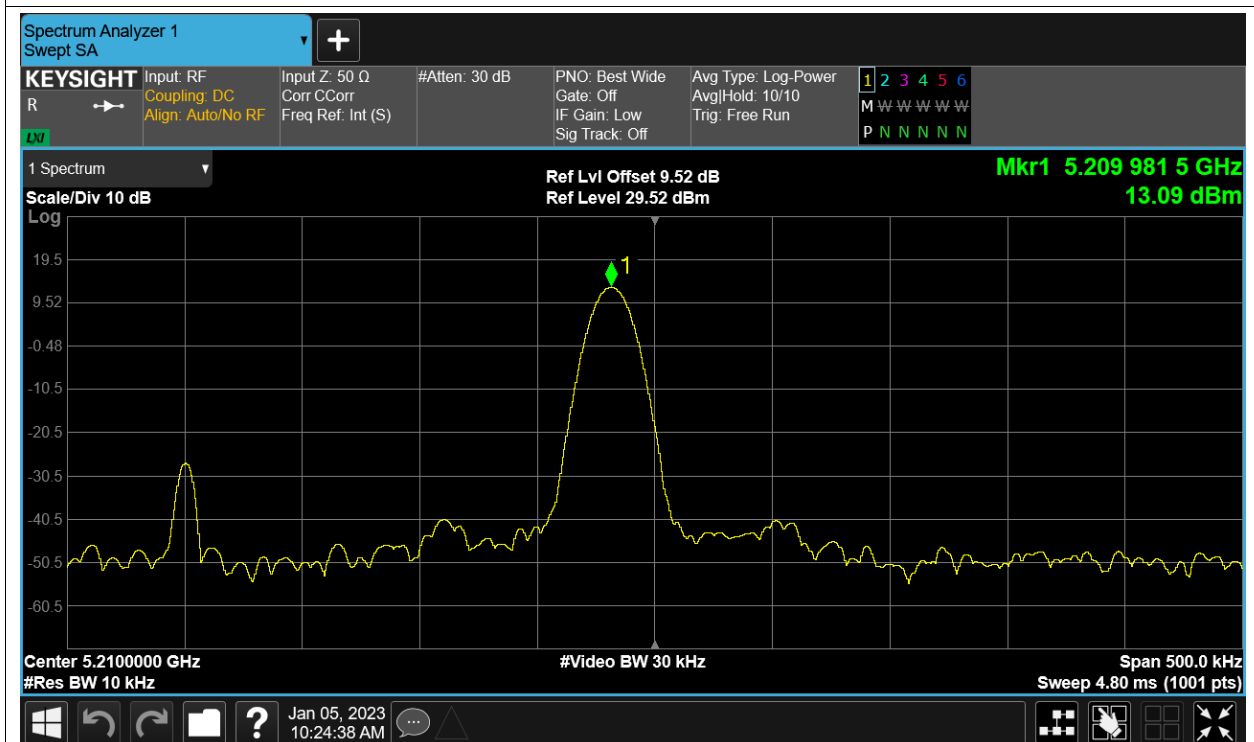
Freq. Stability LVNT ax80 5210MHz Sum



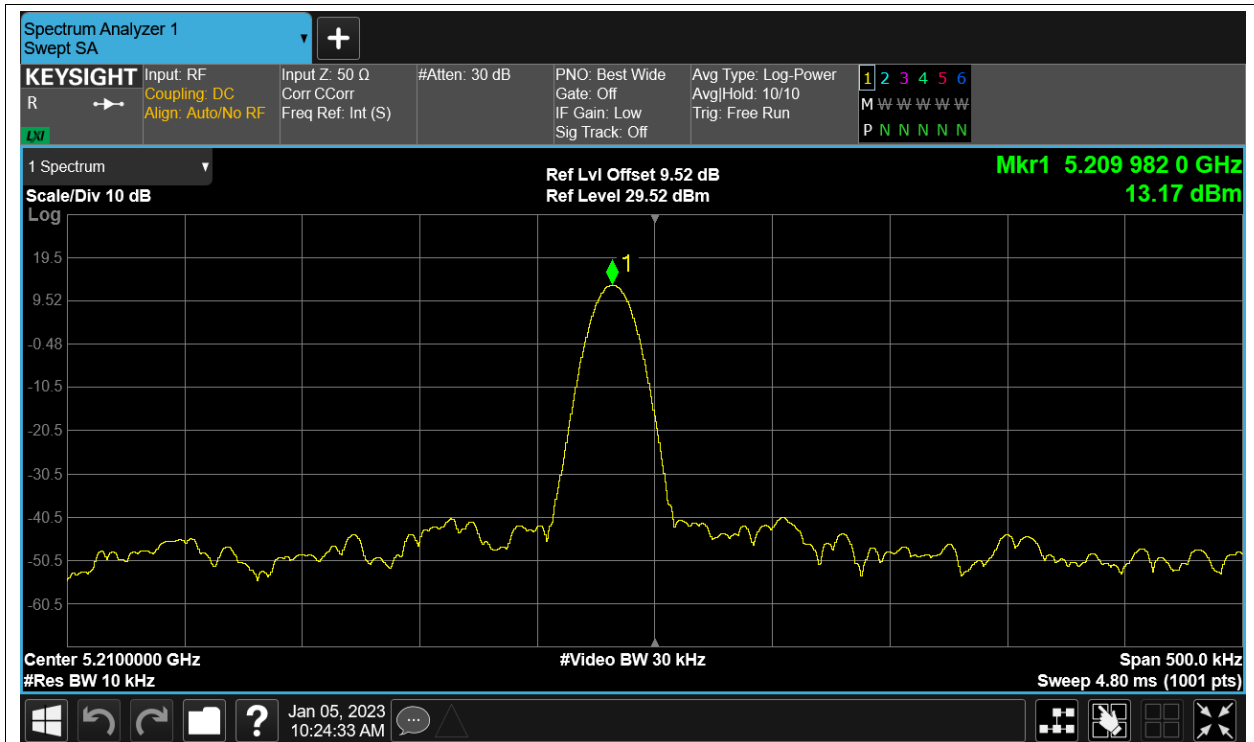
Freq. Stability NVHT ax80 5210MHz Sum



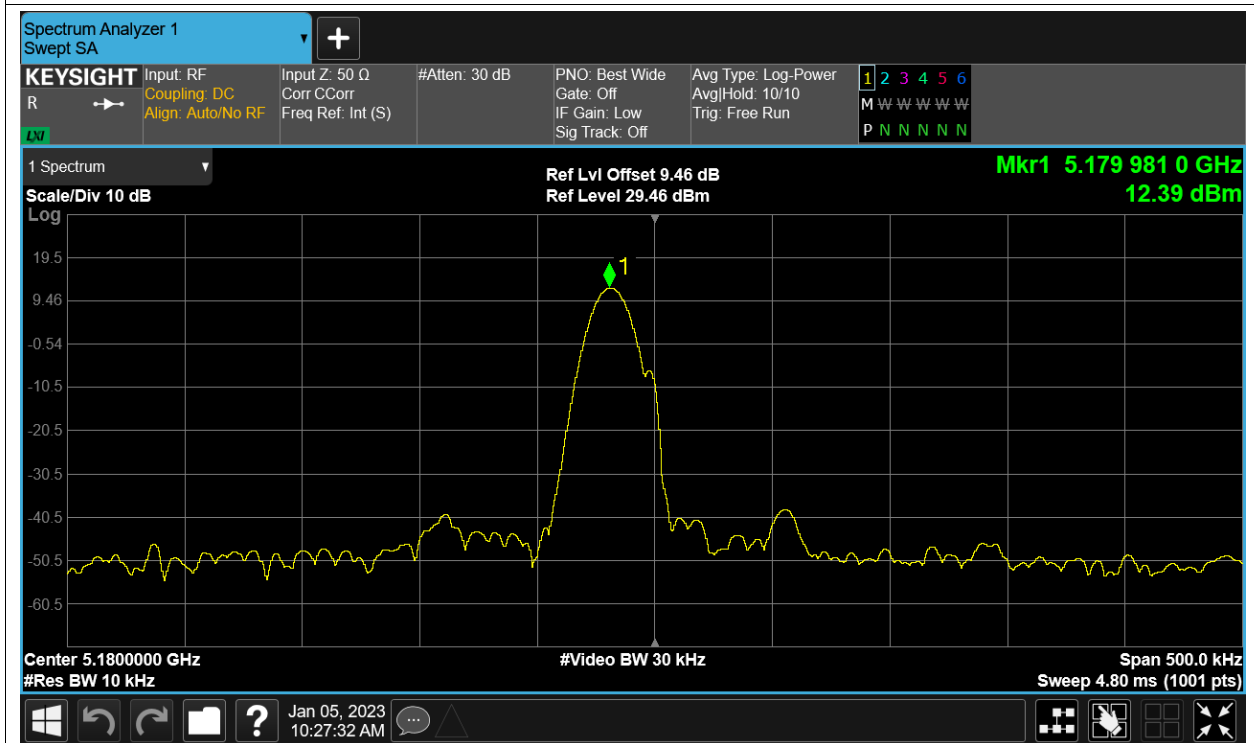
Freq. Stability NVLT ax80 5210MHz Sum



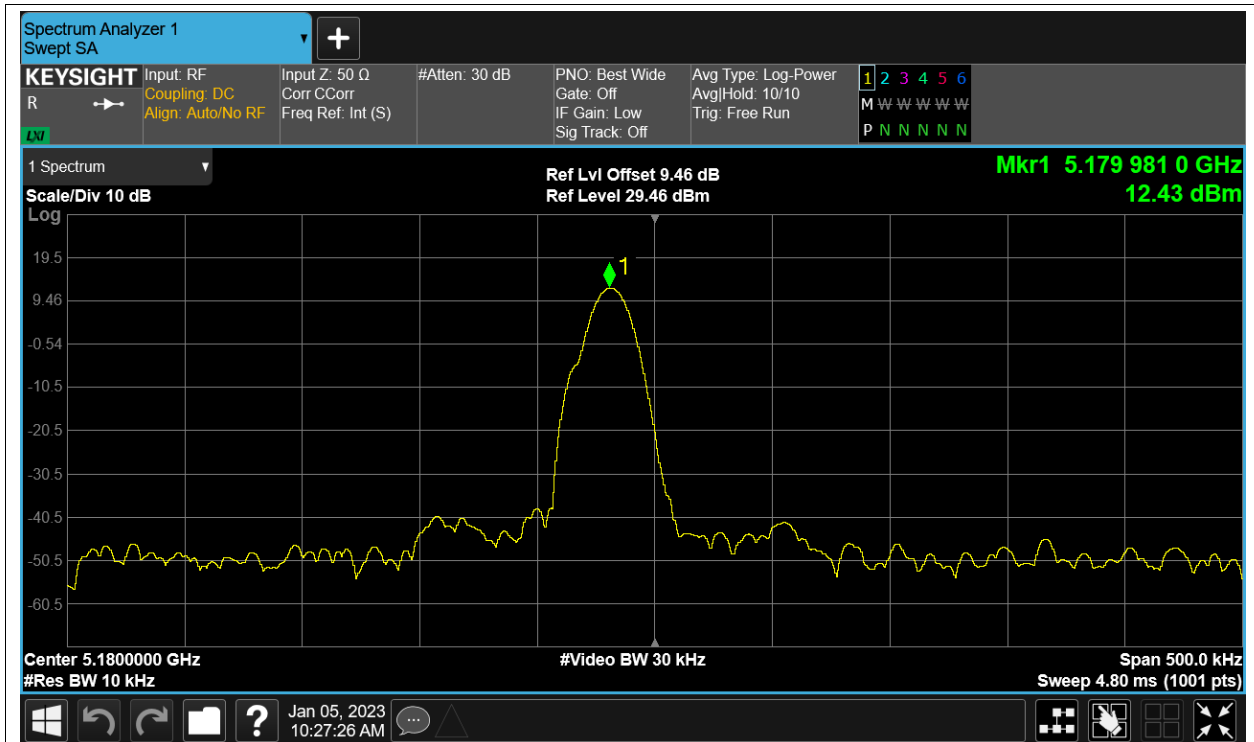
Freq. Stability NVNT ax80 5210MHz Sum



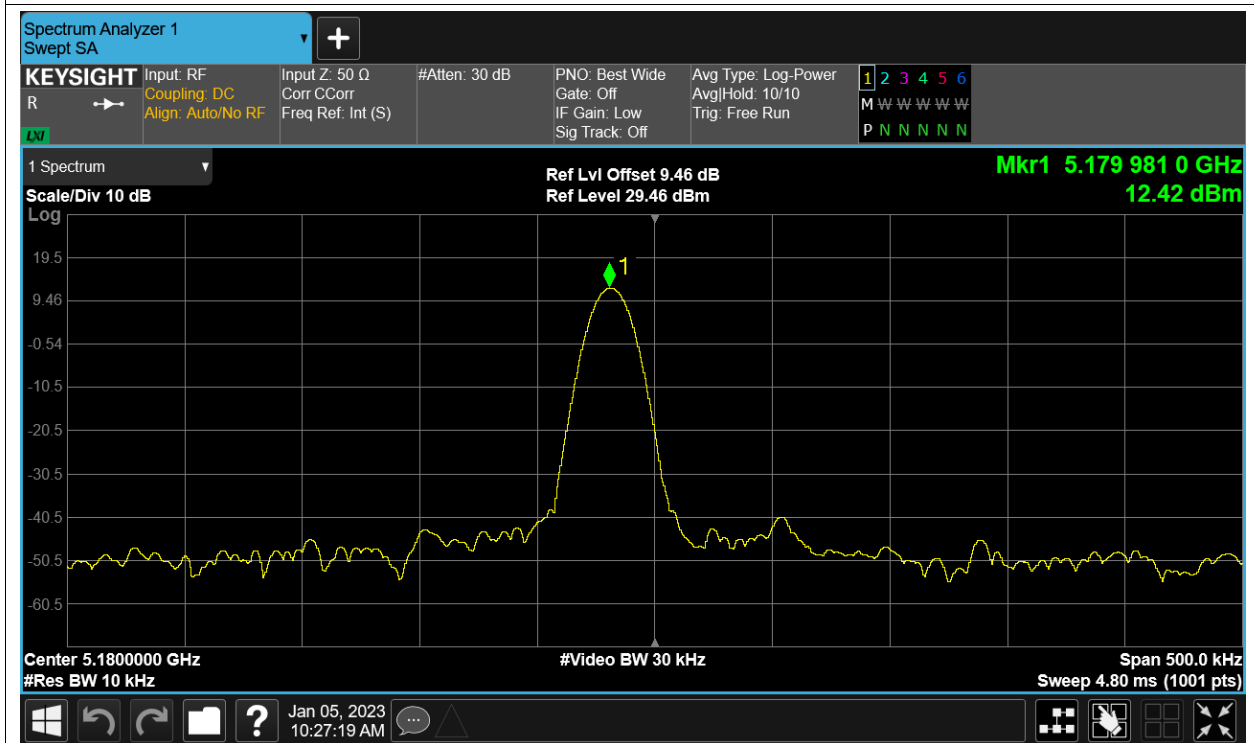
Freq. Stability HVNT n20 5180MHz Sum



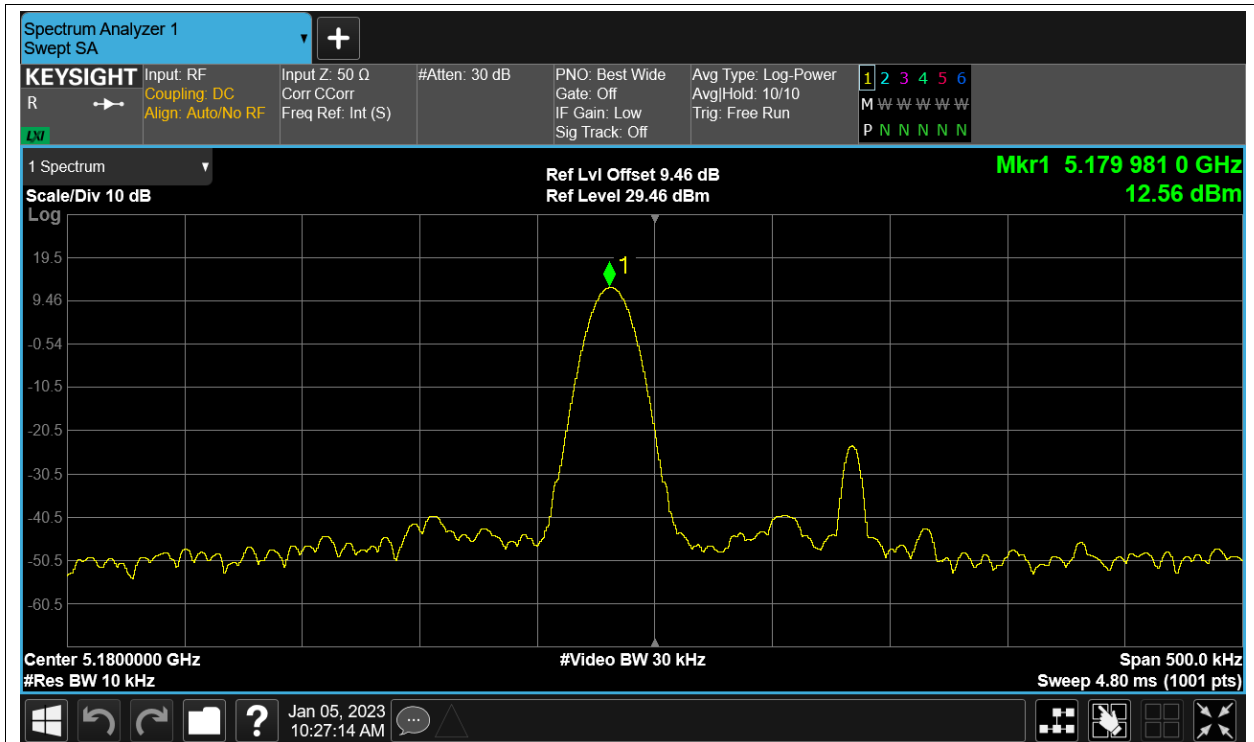
Freq. Stability LVNT n20 5180MHz Sum



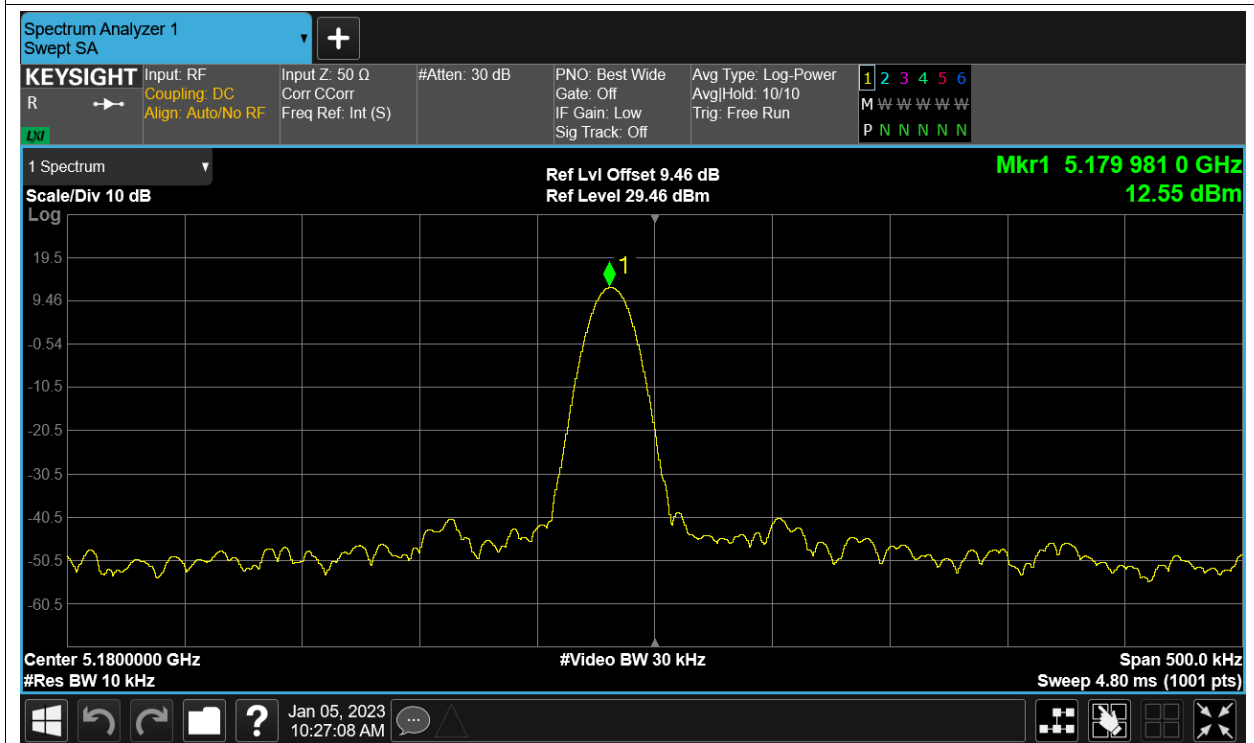
Freq. Stability NVHT n20 5180MHz Sum



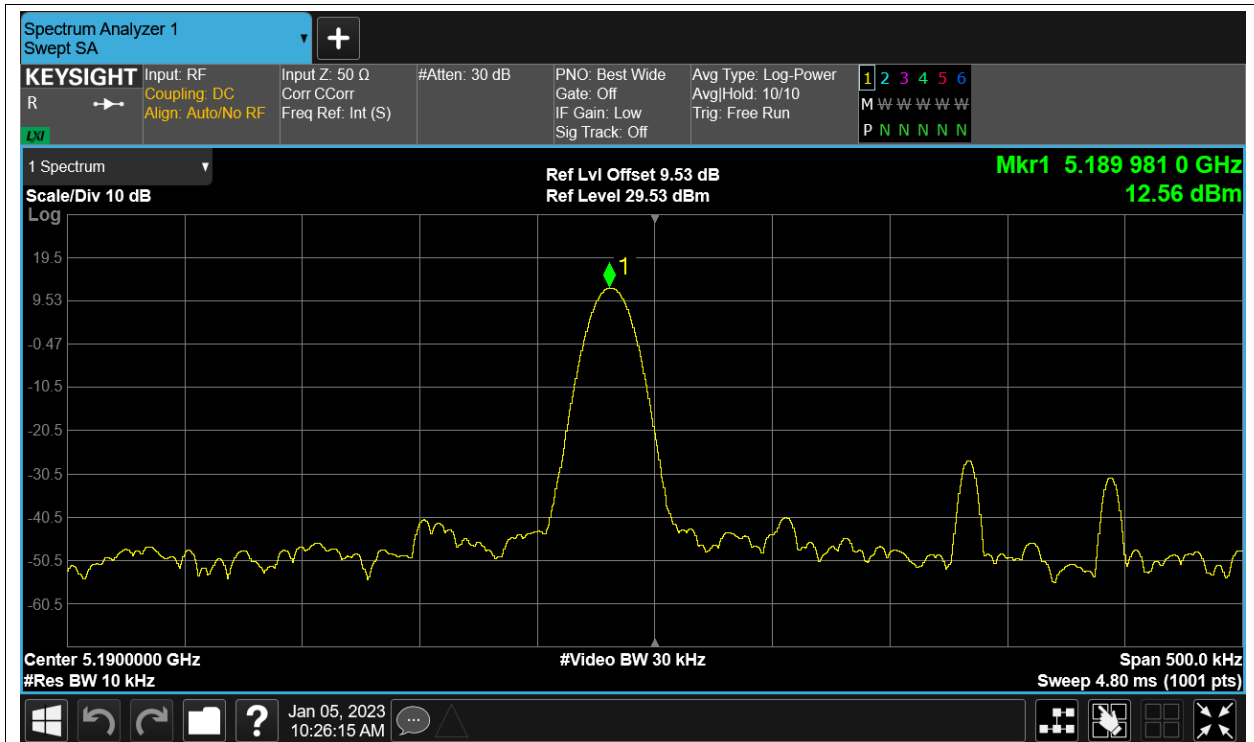
Freq. Stability NVLT n20 5180MHz Sum



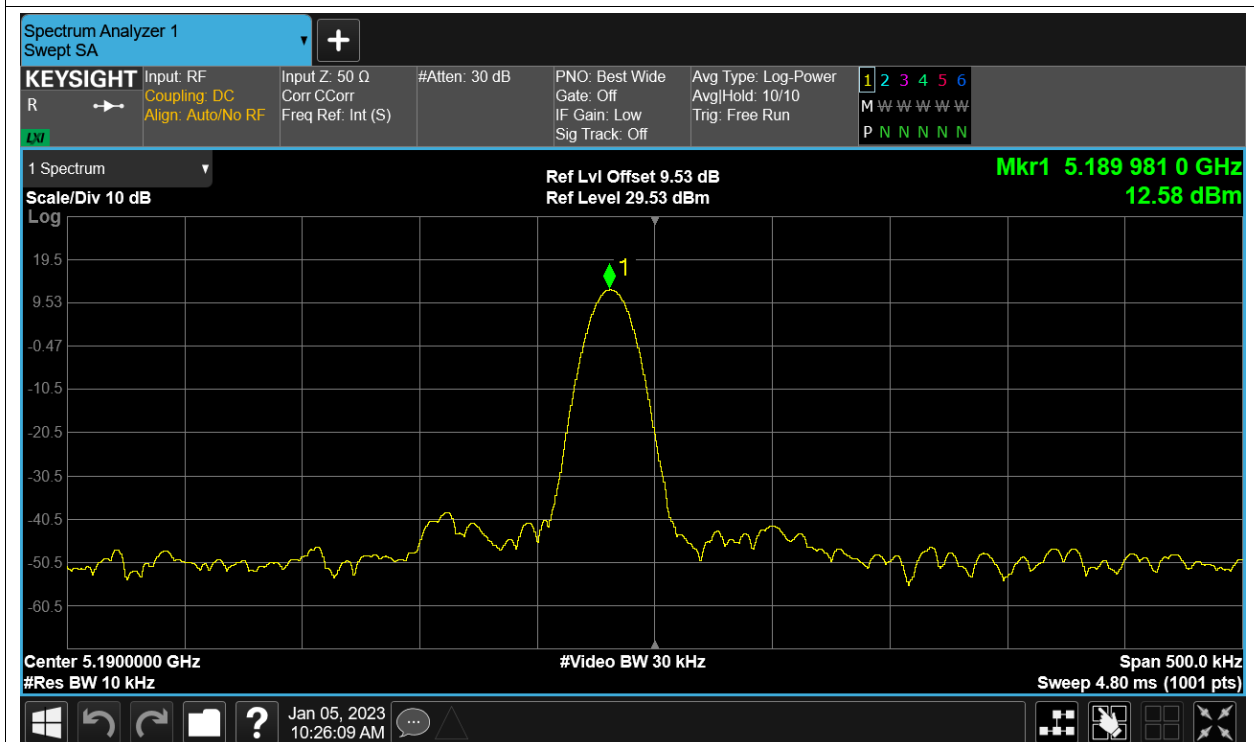
Freq. Stability NVNT n20 5180MHz Sum



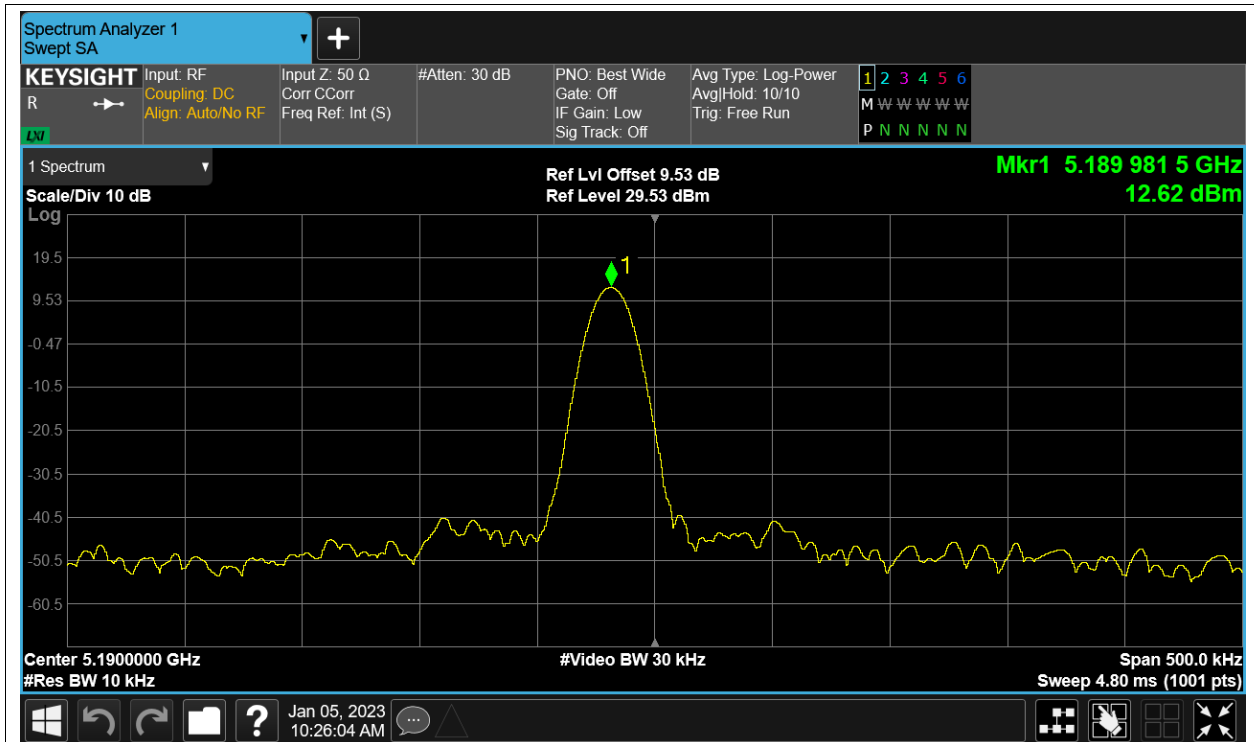
Freq. Stability HVNT n40 5190MHz Sum



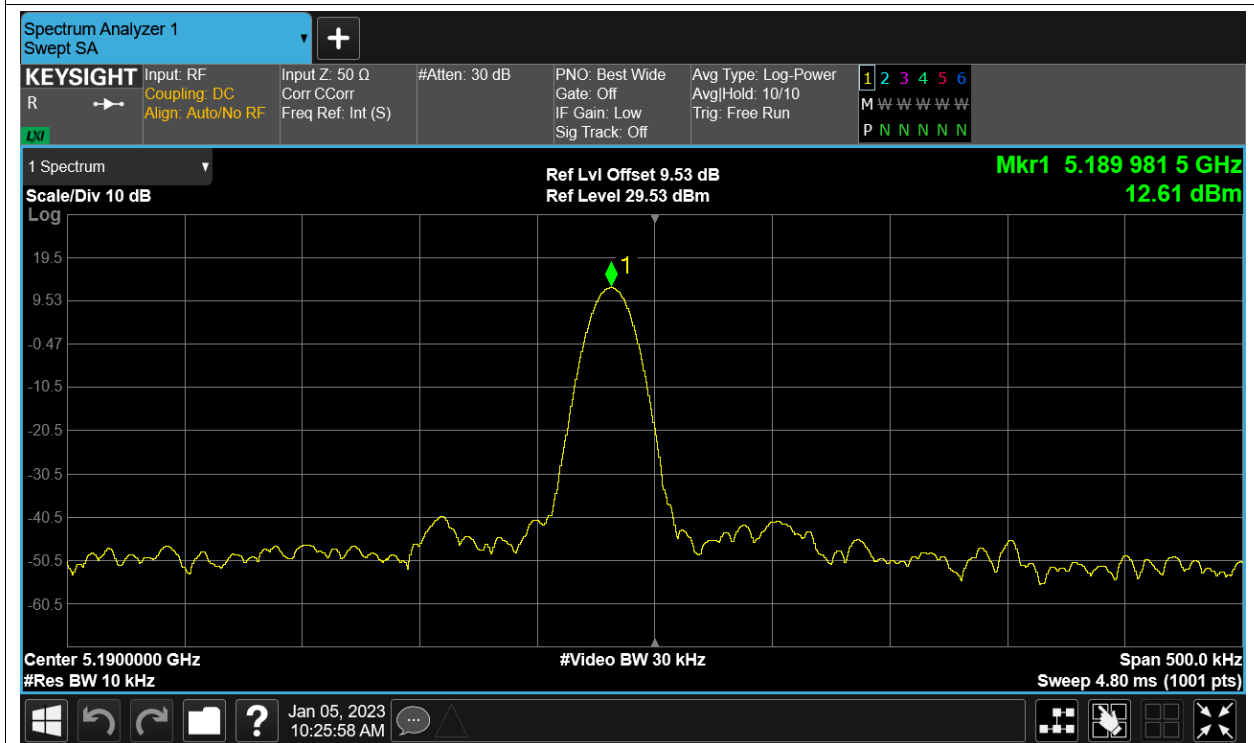
Freq. Stability LVNT n40 5190MHz Sum



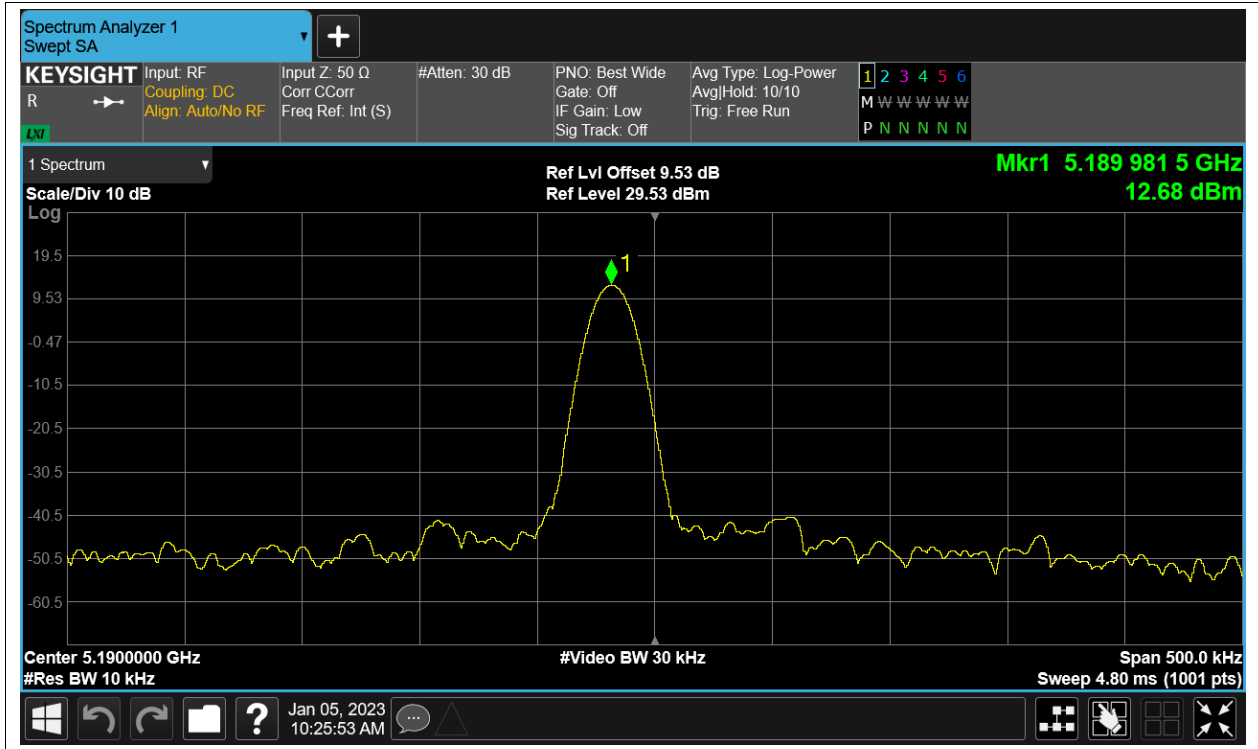
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



Freq. Stability NVNT n40 5190MHz Sum

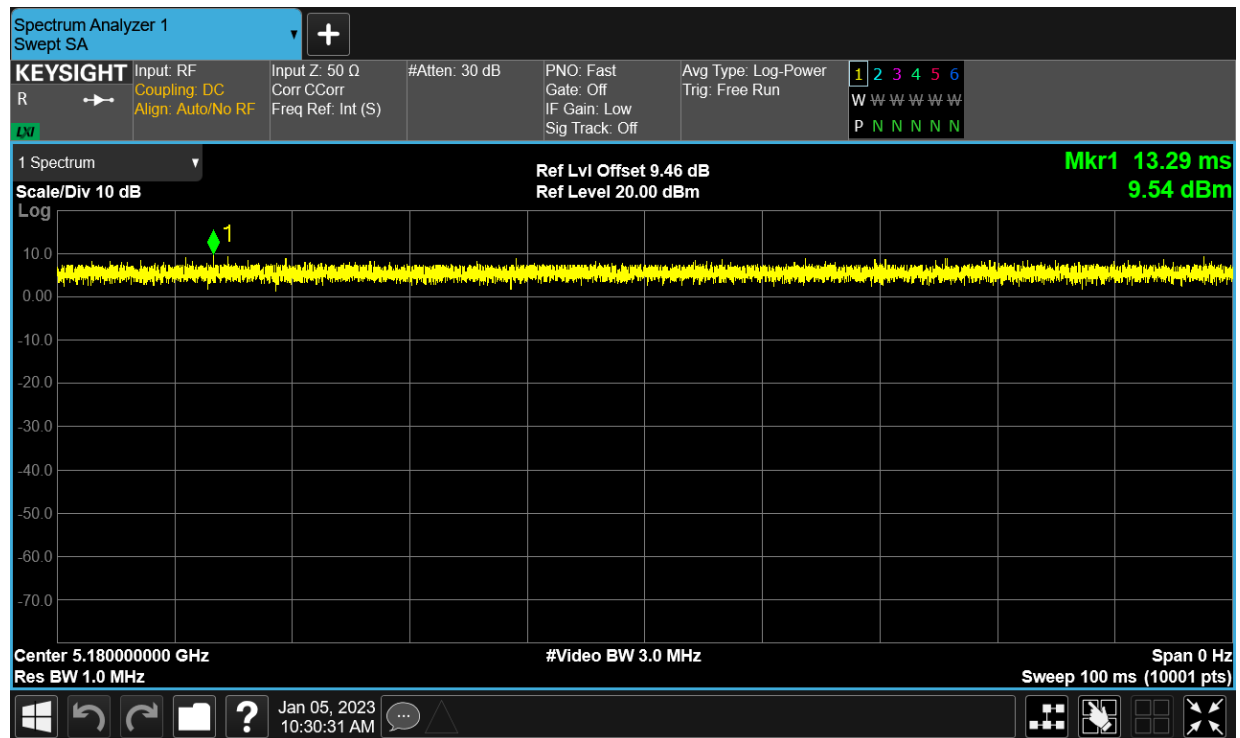


Duty Cycle

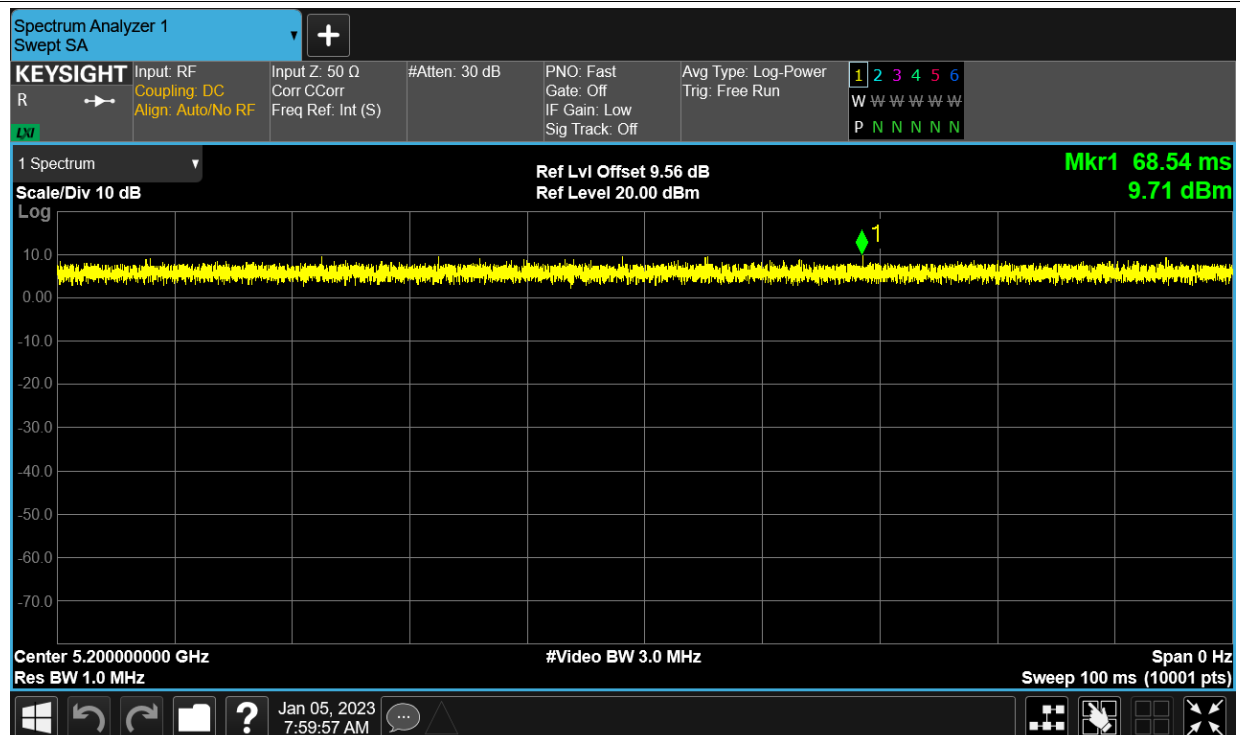
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	a	5180	Ant2	100	0
NVNT	a	5200	Ant2	100	0
NVNT	a	5240	Ant2	100	0
NVNT	ac20	5180	Sum	100	0
NVNT	ac20	5200	Sum	100	0
NVNT	ac20	5240	Sum	100	0
NVNT	ac40	5190	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

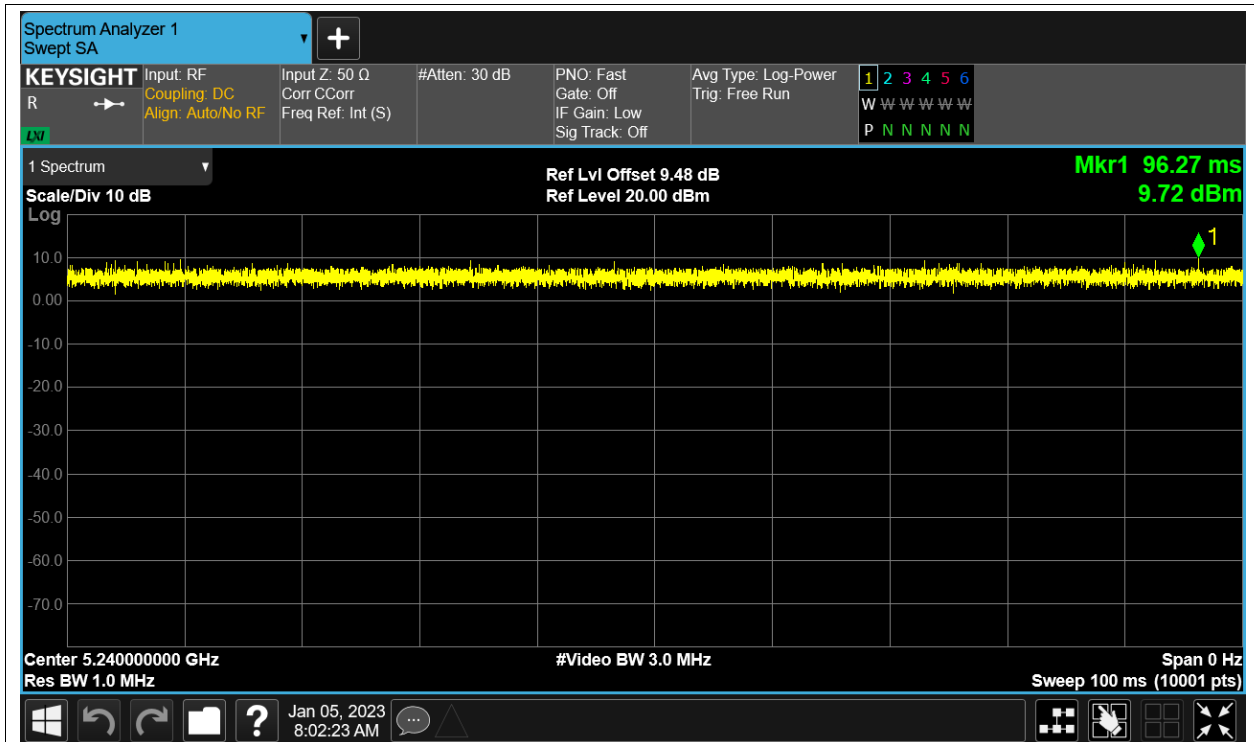
Duty Cycle NVNT a 5180MHz Ant1



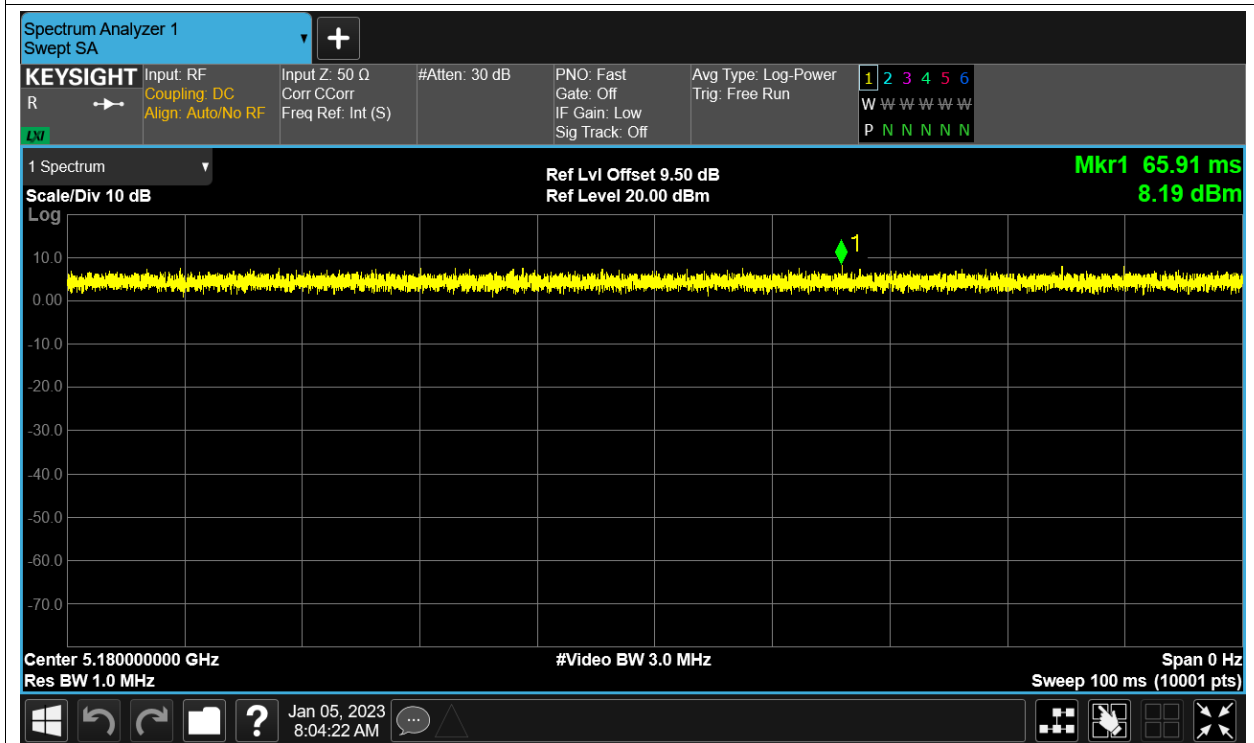
Duty Cycle NVNT a 5200MHz Ant1



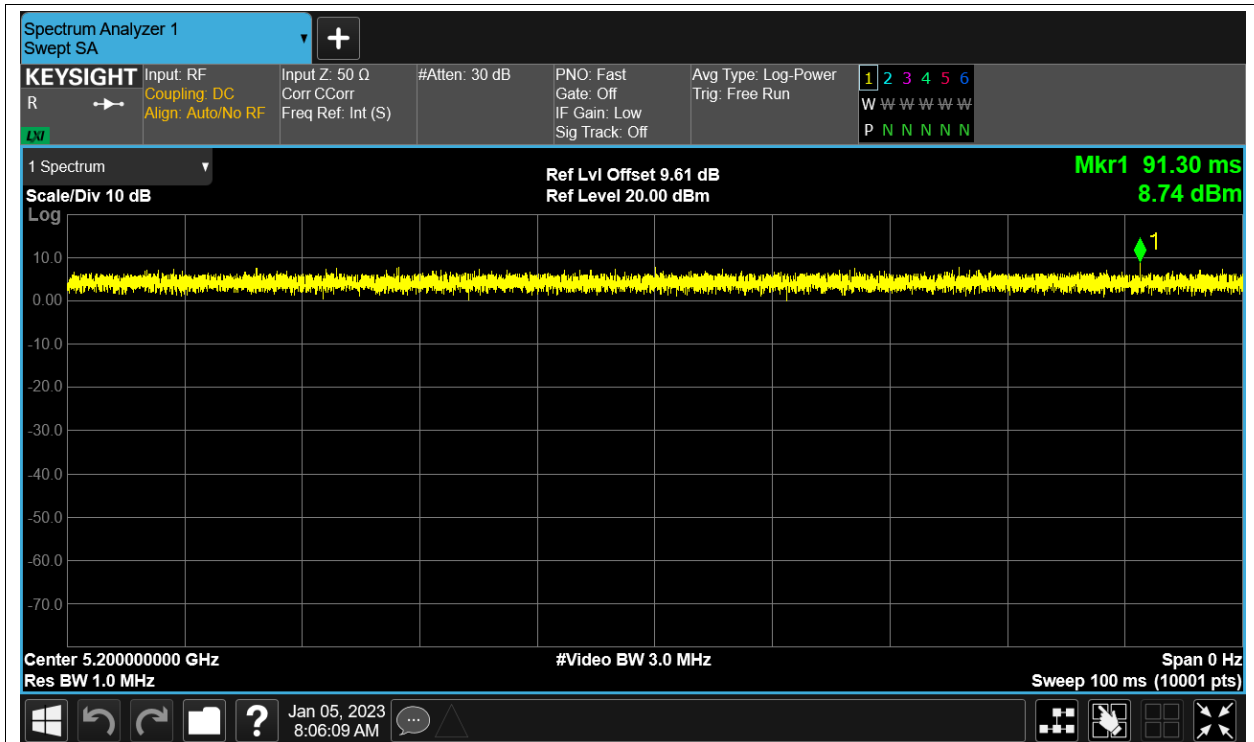
Duty Cycle NVNT a 5240MHz Ant1



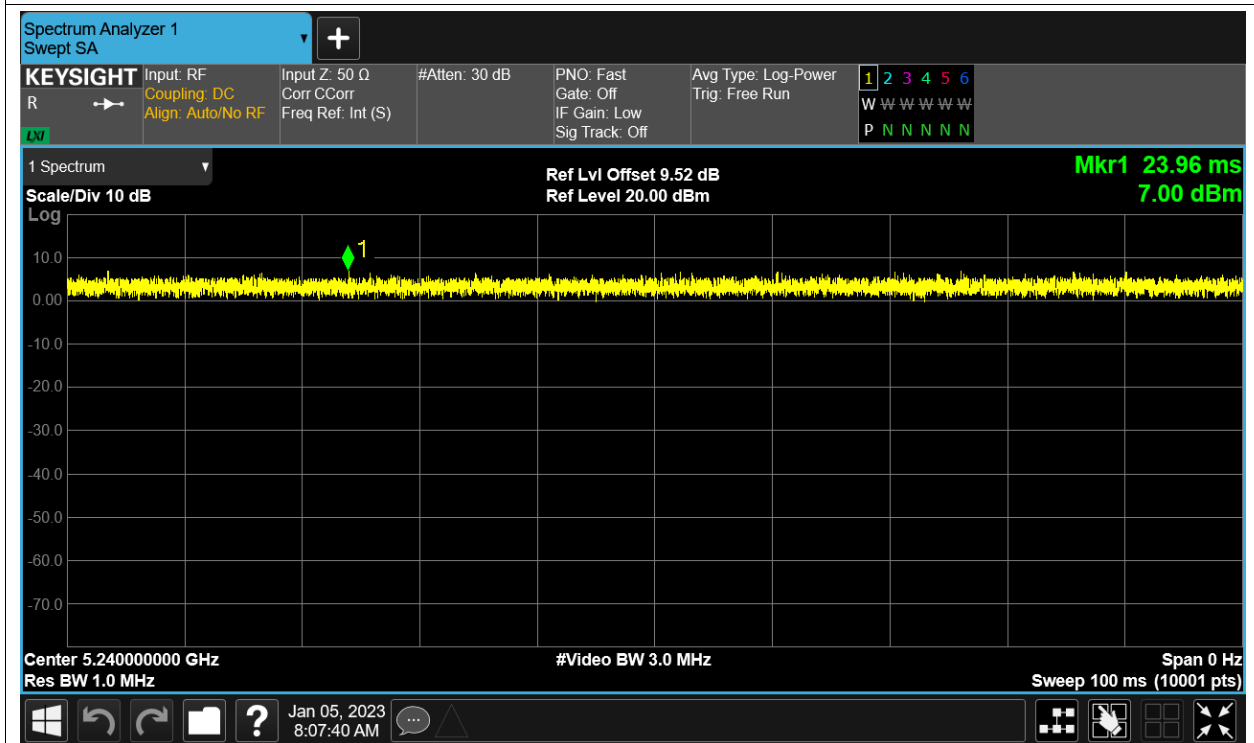
Duty Cycle NVNT a 5180MHz Ant2



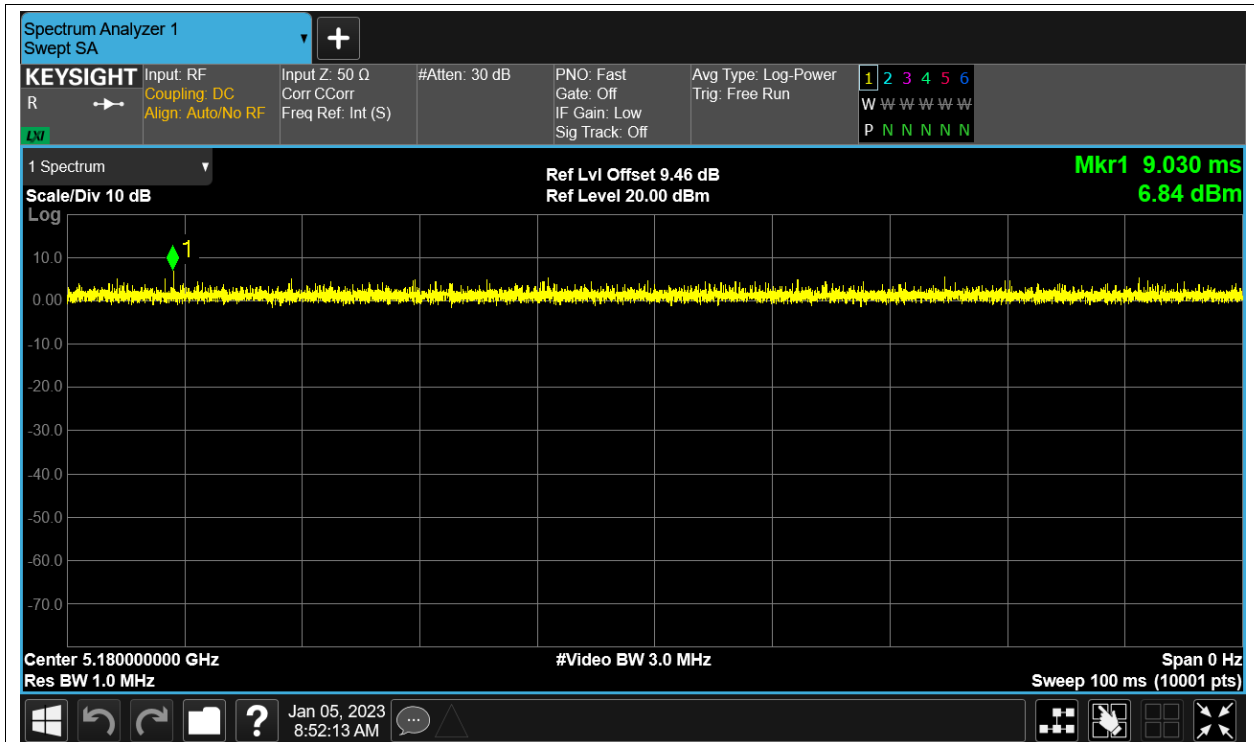
Duty Cycle NVNT a 5200MHz Ant2



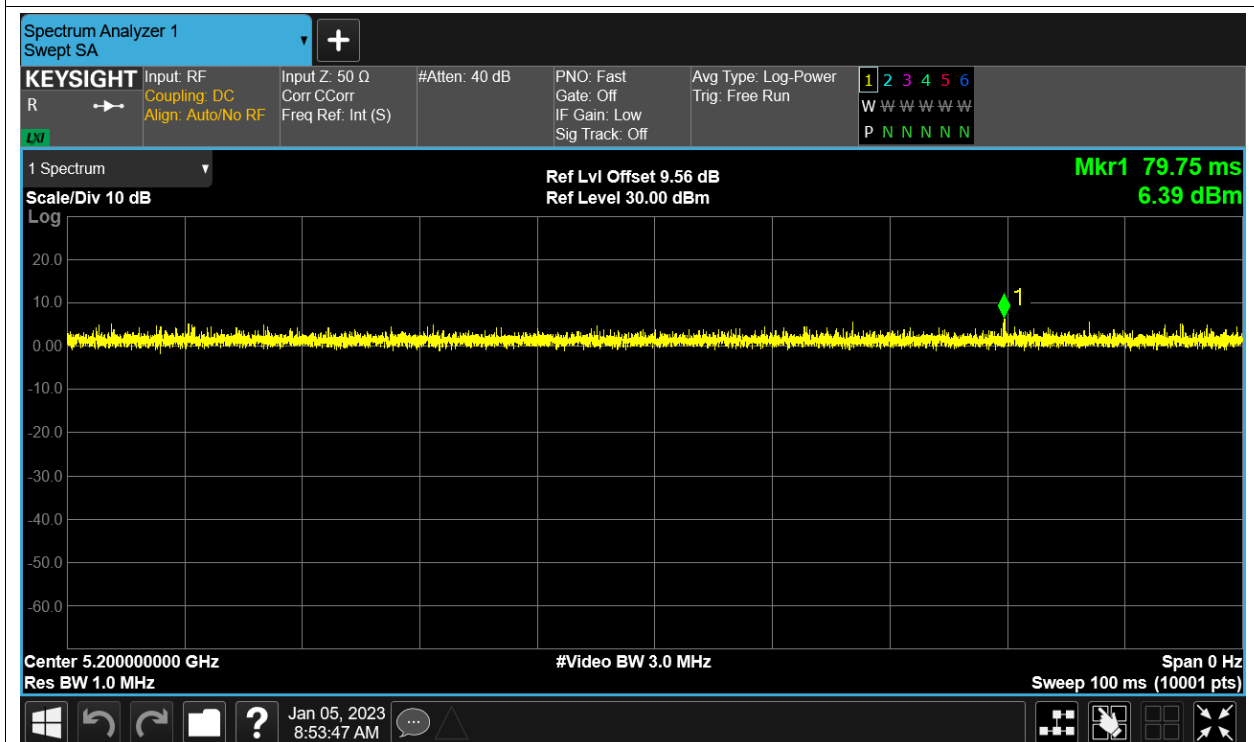
Duty Cycle NVNT a 5240MHz Ant2



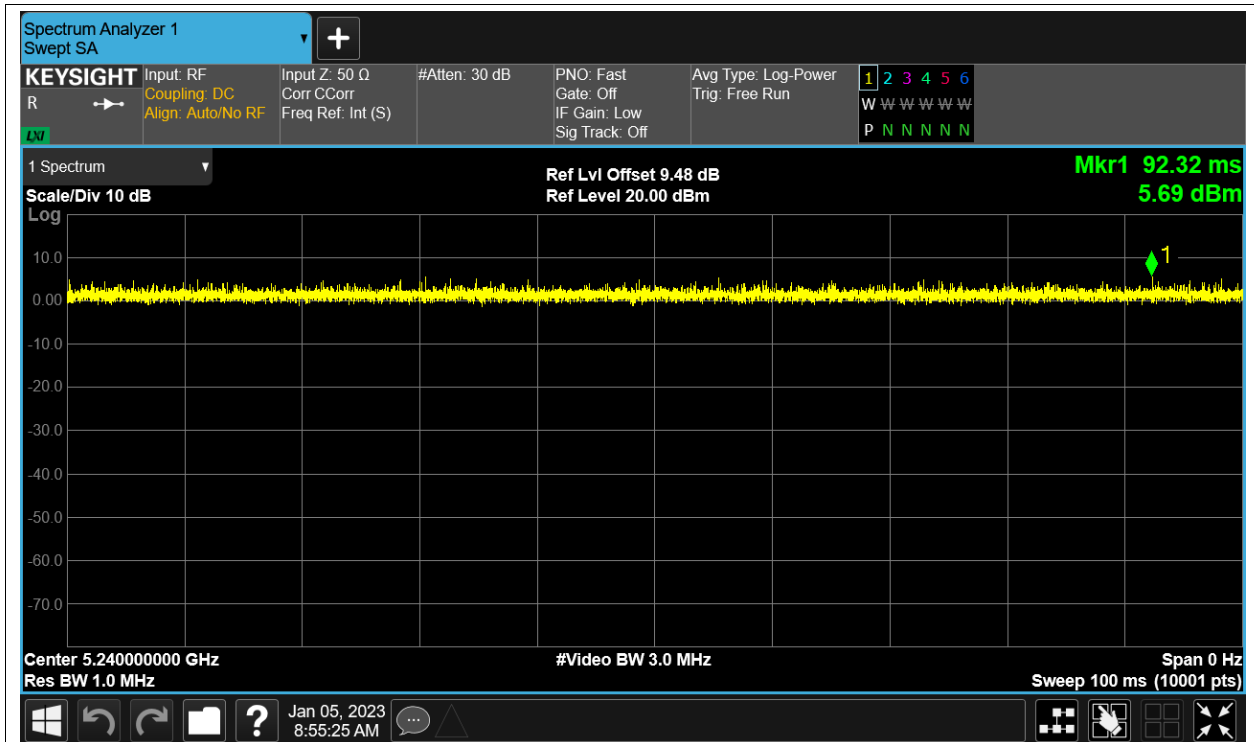
Duty Cycle NVNT ac20 5180MHz Sum



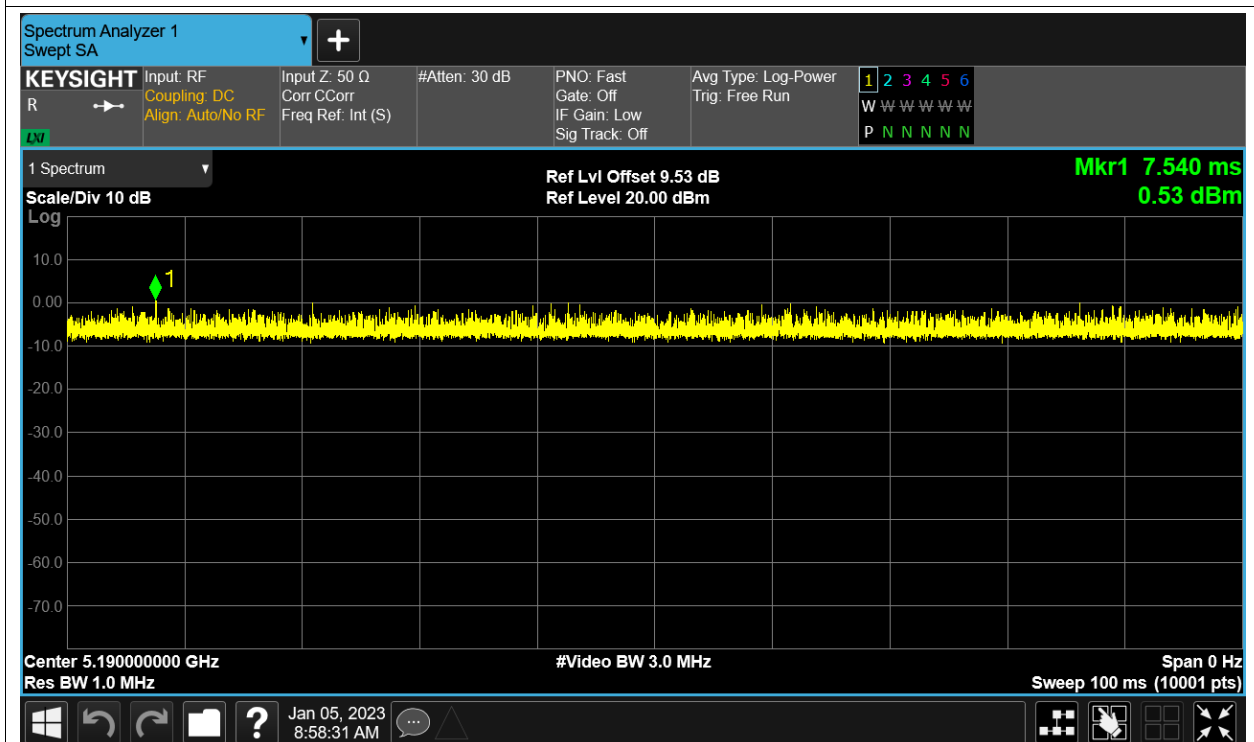
Duty Cycle NVNT ac20 5200MHz Sum



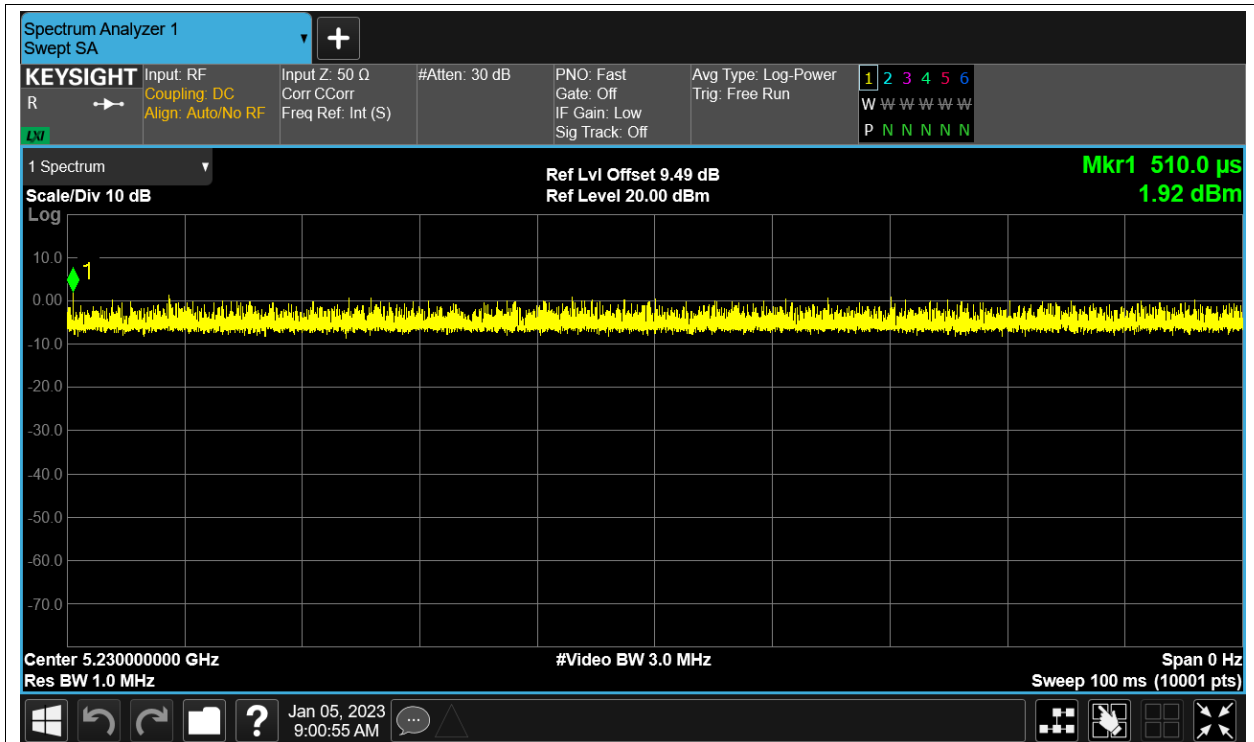
Duty Cycle NVNT ac20 5240MHz Sum



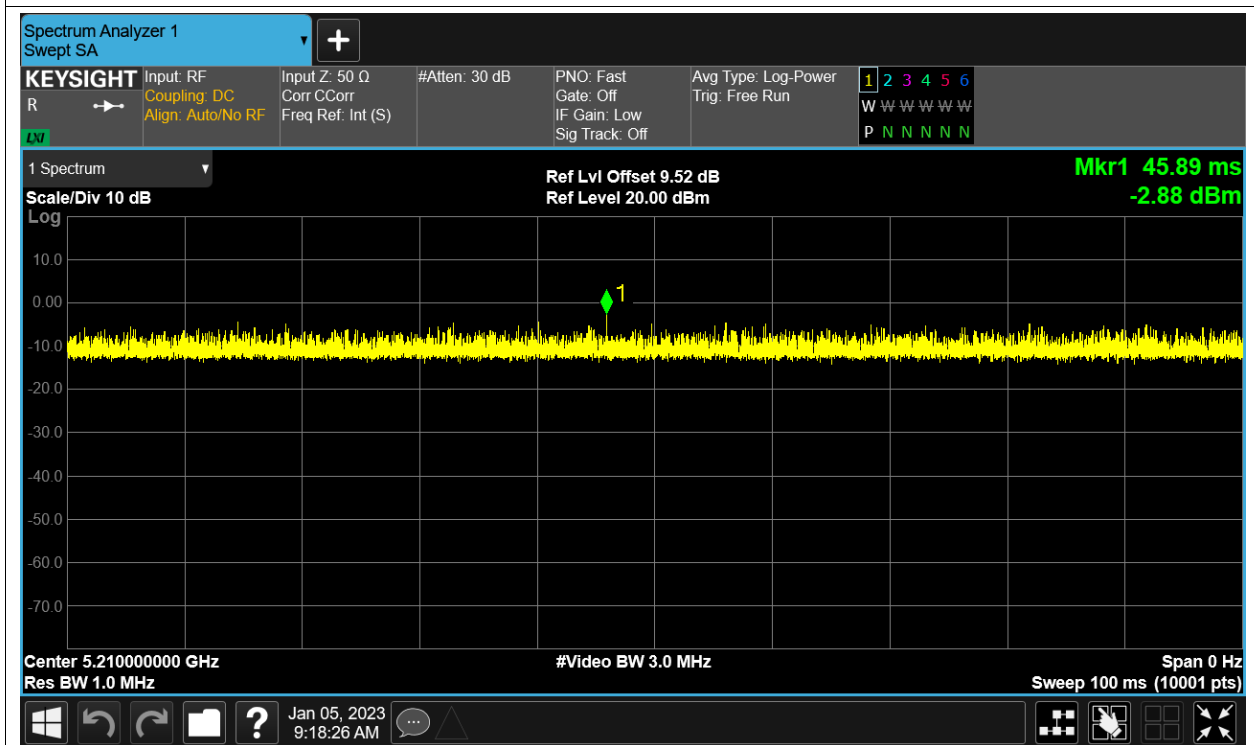
Duty Cycle NVNT ac40 5190MHz Sum



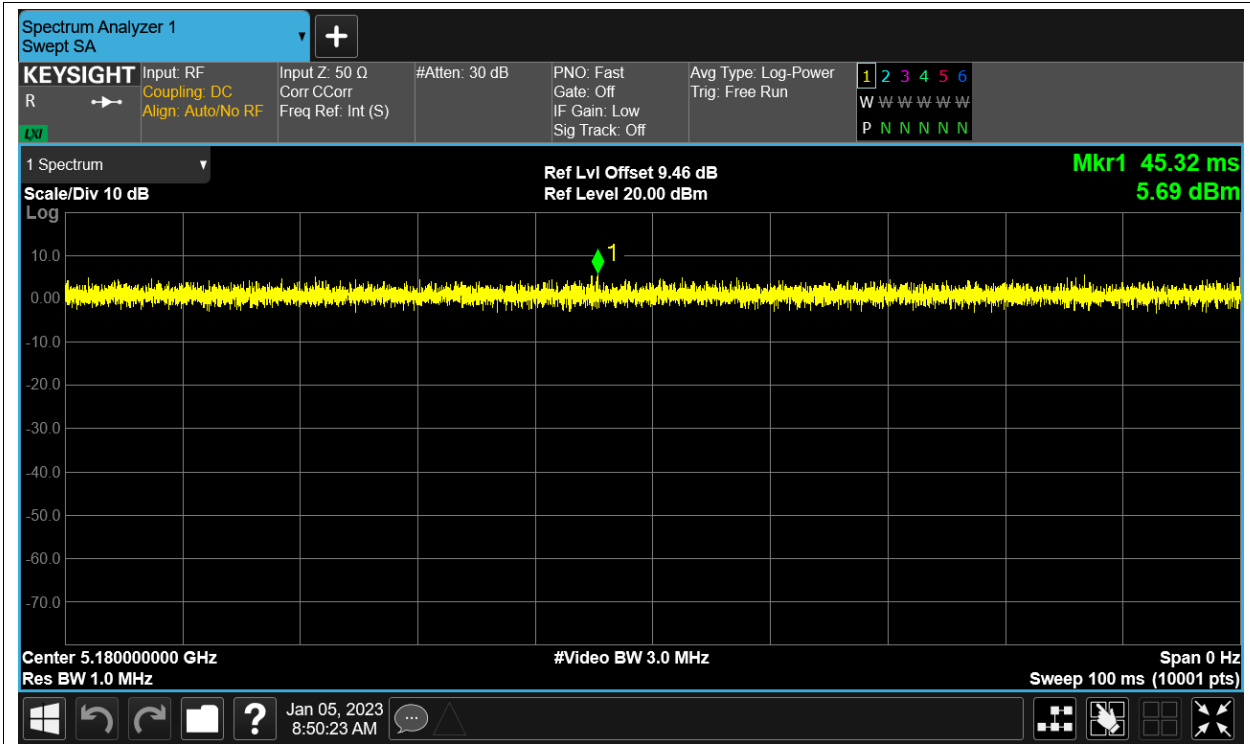
Duty Cycle NVNT ac40 5230MHz Sum



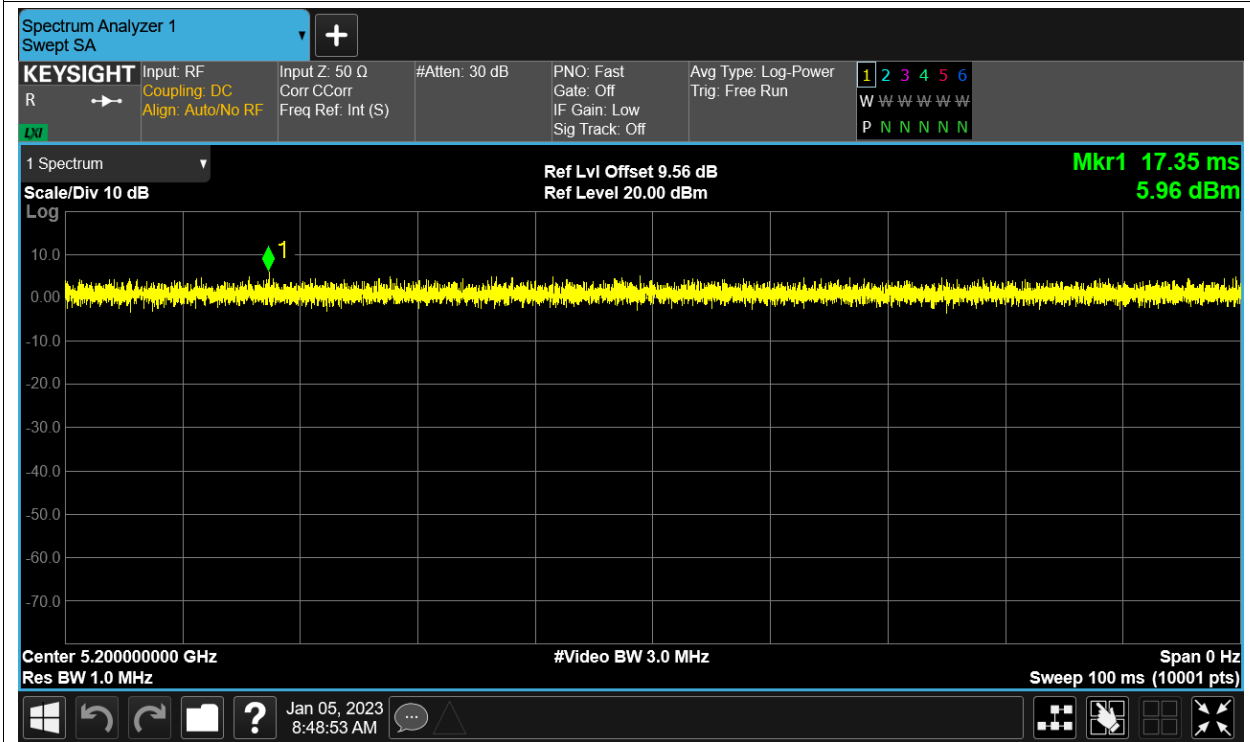
Duty Cycle NVNT ac80 5210MHz Sum



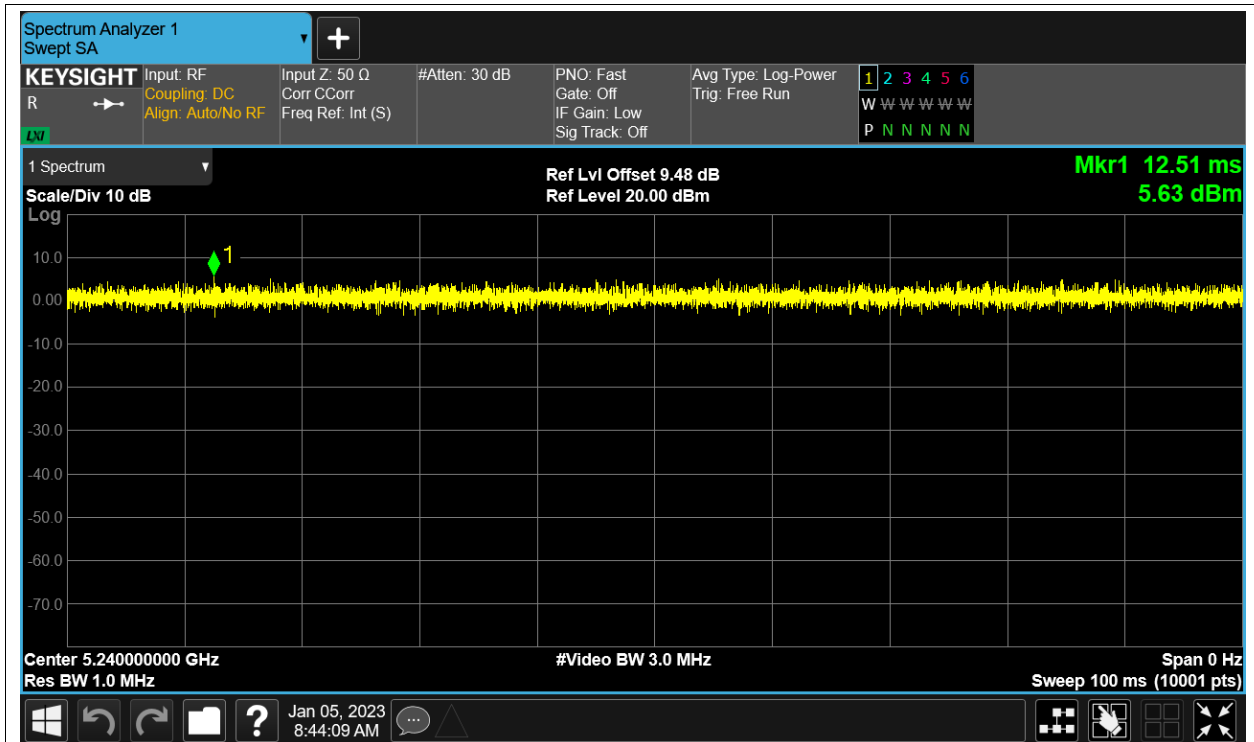
Duty Cycle NVNT ax20 5180MHz Sum



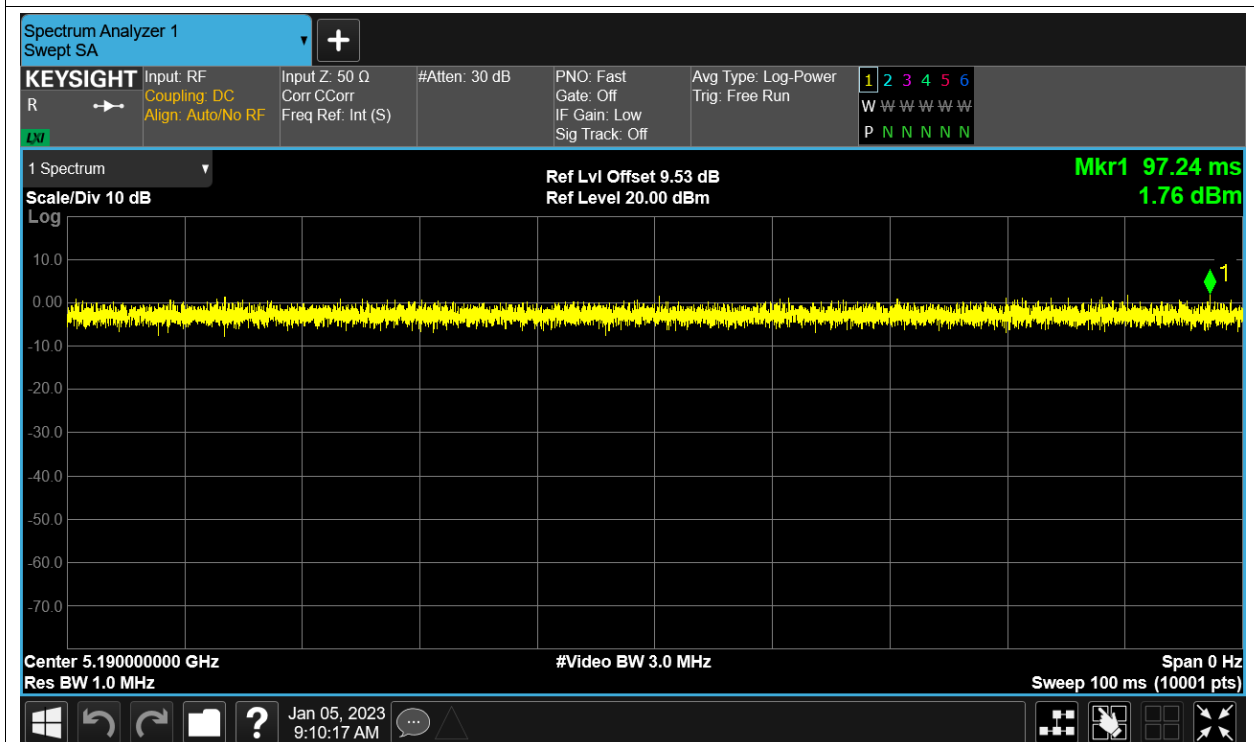
Duty Cycle NVNT ax20 5200MHz Sum



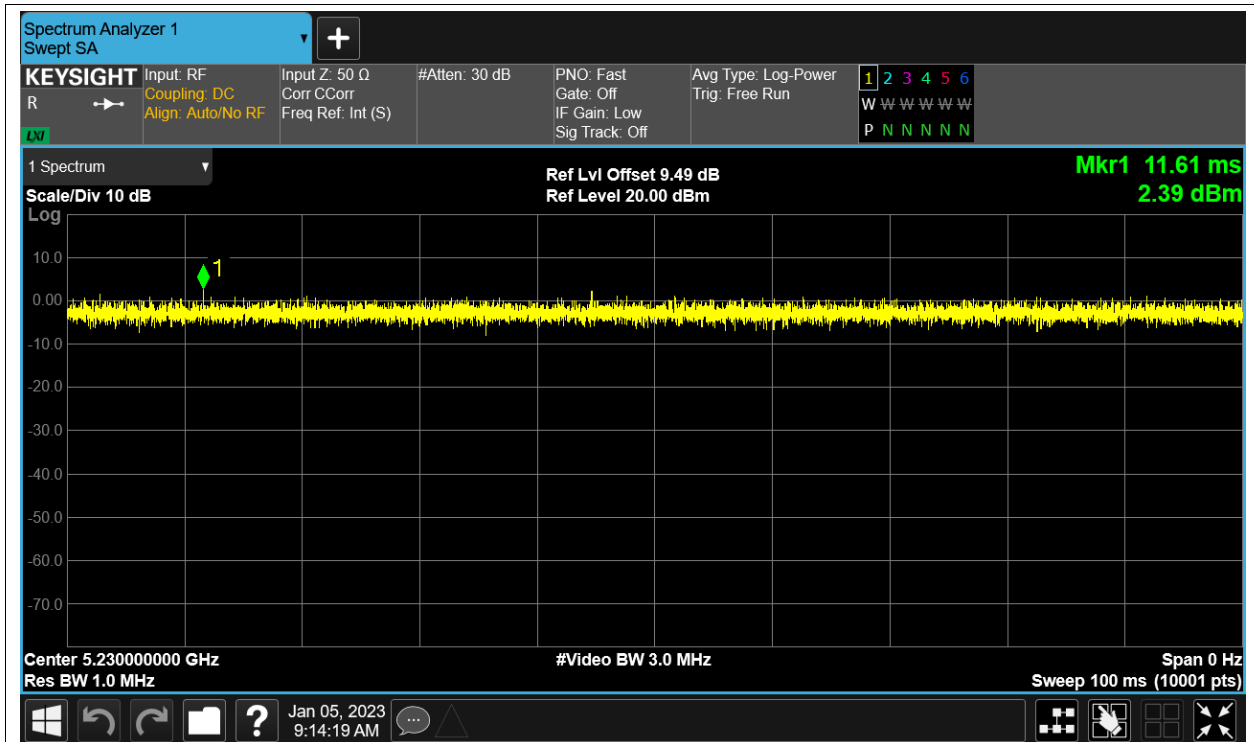
Duty Cycle NVNT ax20 5240MHz Sum



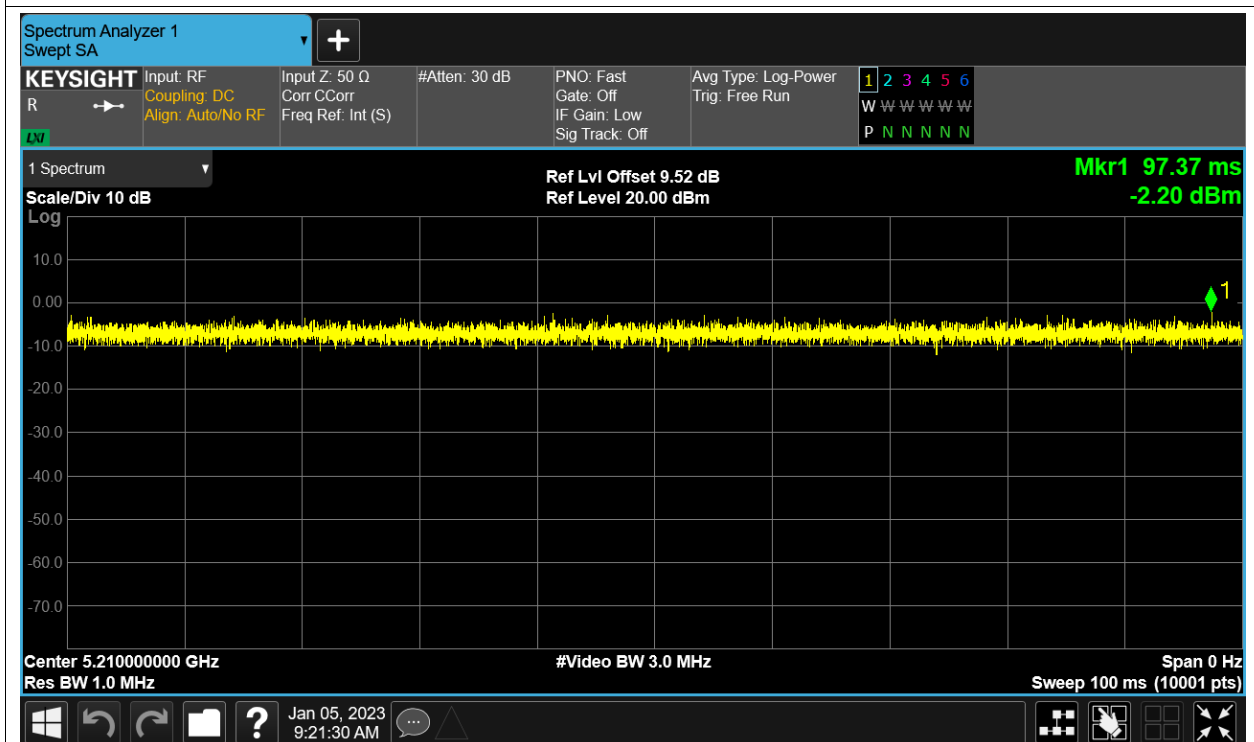
Duty Cycle NVNT ax40 5190MHz Sum



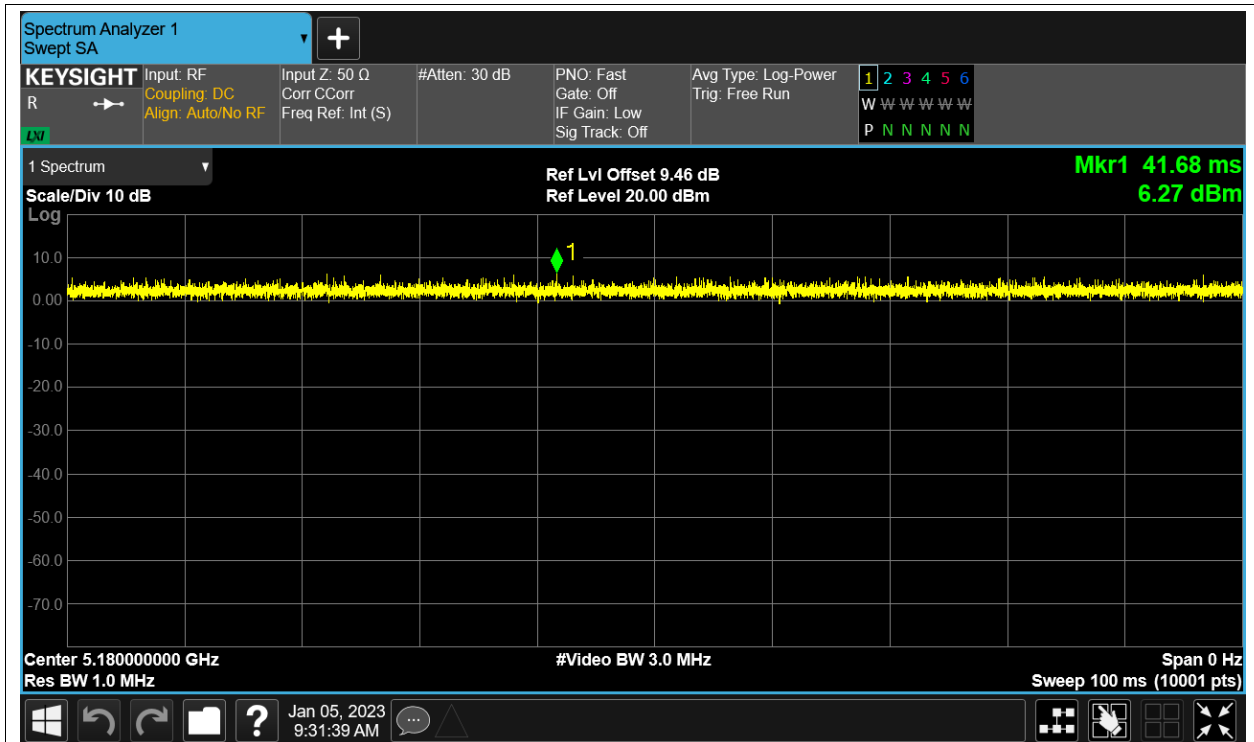
Duty Cycle NVNT ax40 5230MHz Sum



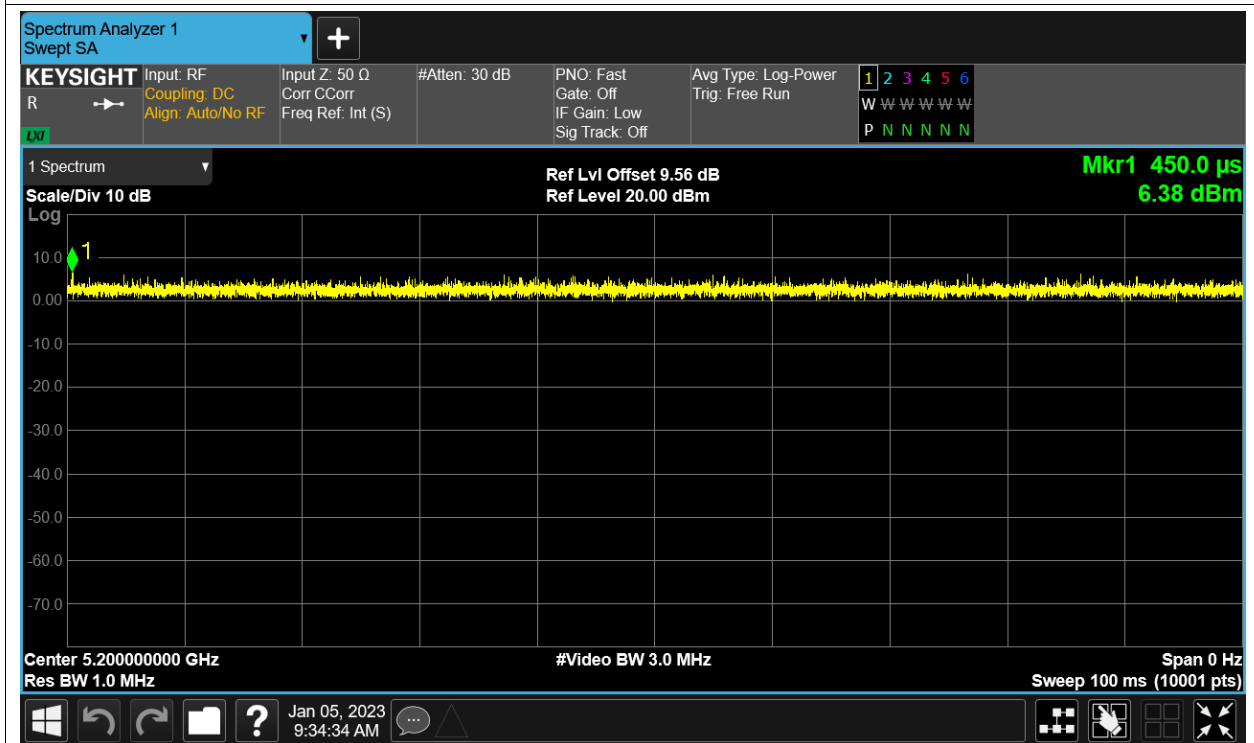
Duty Cycle NVNT ax80 5210MHz Sum



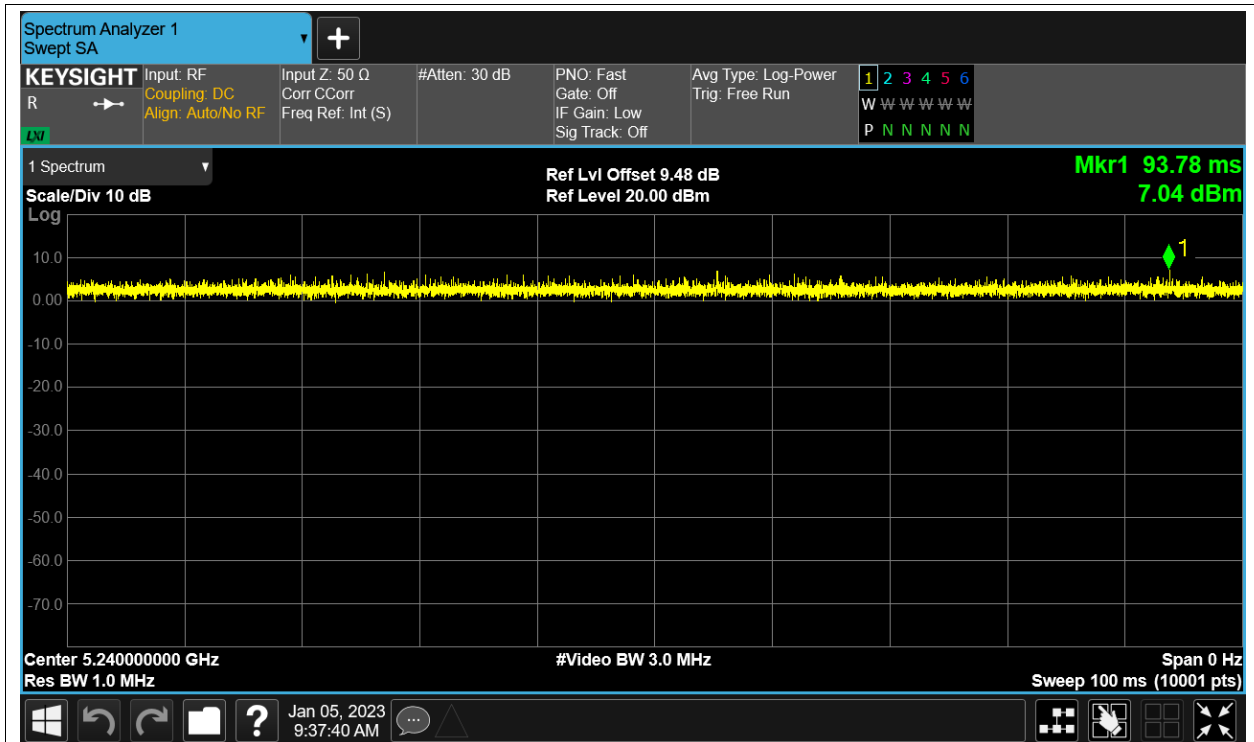
Duty Cycle NVNT n20 5180MHz Sum



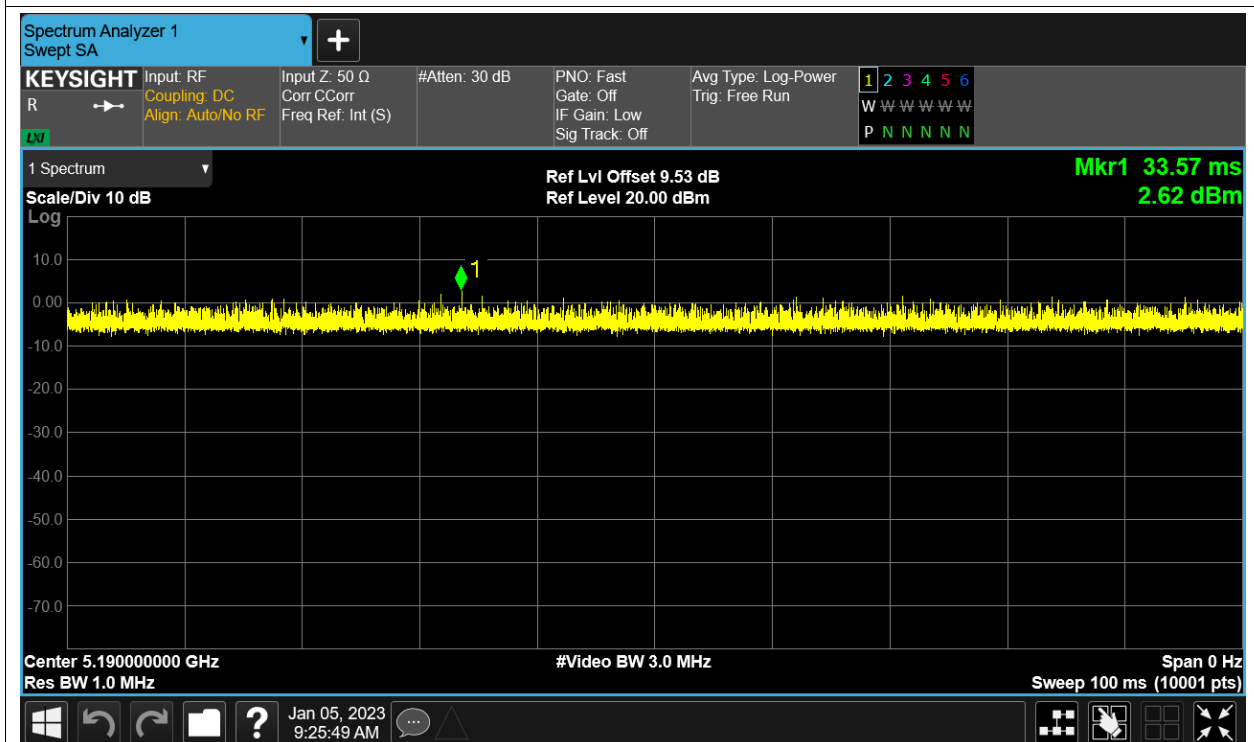
Duty Cycle NVNT n20 5200MHz Sum



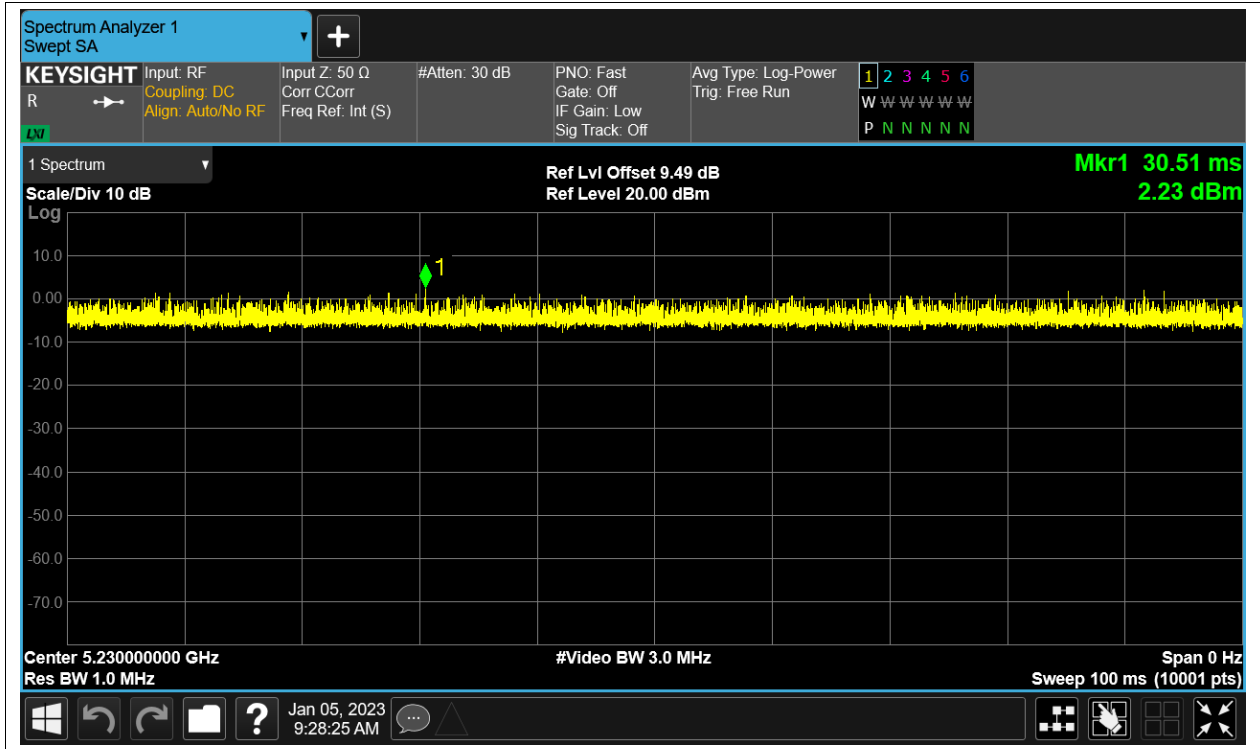
Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum



Duty Cycle NVNT n40 5230MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.62	0	13.62	24	Pass
NVNT	a	5200	Ant1	13.87	0	13.87	24	Pass
NVNT	a	5240	Ant1	13.73	0	13.73	24	Pass
NVNT	a	5180	Ant2	12.16	0	12.16	24	Pass
NVNT	a	5200	Ant2	11.9	0	11.9	24	Pass
NVNT	a	5240	Ant2	11.26	0	11.26	24	Pass
NVNT	ac20	5180	Ant1	9.98	0	9.98	24	Pass
NVNT	ac20	5180	Ant2	8.49	0	8.49	24	Pass
NVNT	ac20	5180	Sum	12.309	0	12.309	24	Pass
NVNT	ac20	5200	Ant1	9.98	0	9.98	24	Pass
NVNT	ac20	5200	Ant2	8.3	0	8.3	24	Pass
NVNT	ac20	5200	Sum	12.231	0	12.231	24	Pass
NVNT	ac20	5240	Ant1	10.02	0	10.02	24	Pass
NVNT	ac20	5240	Ant2	7.5	0	7.5	24	Pass
NVNT	ac20	5240	Sum	11.951	0	11.951	24	Pass
NVNT	ac40	5190	Ant1	9.09	0	9.09	24	Pass
NVNT	ac40	5190	Ant2	7.26	0	7.26	24	Pass
NVNT	ac40	5190	Sum	11.281	0	11.281	24	Pass
NVNT	ac40	5230	Ant1	10.08	0	10.08	24	Pass
NVNT	ac40	5230	Ant2	7.85	0	7.85	24	Pass
NVNT	ac40	5230	Sum	12.117	0	12.117	24	Pass
NVNT	ac80	5210	Ant1	8.69	0	8.69	24	Pass
NVNT	ac80	5210	Ant2	6.63	0	6.63	24	Pass
NVNT	ac80	5210	Sum	10.791	0	10.791	24	Pass
NVNT	ax20	5180	Ant1	9.32	0	9.32	24	Pass
NVNT	ax20	5180	Ant2	7.77	0	7.77	24	Pass
NVNT	ax20	5180	Sum	11.624	0	11.624	24	Pass
NVNT	ax20	5200	Ant1	9.2	0	9.2	24	Pass
NVNT	ax20	5200	Ant2	7.47	0	7.47	24	Pass
NVNT	ax20	5200	Sum	11.431	0	11.431	24	Pass
NVNT	ax20	5240	Ant1	9.22	0	9.22	24	Pass
NVNT	ax20	5240	Ant2	6.76	0	6.76	24	Pass
NVNT	ax20	5240	Sum	11.172	0	11.172	24	Pass
NVNT	ax40	5190	Ant1	9.2	0	9.2	24	Pass
NVNT	ax40	5190	Ant2	7.44	0	7.44	24	Pass
NVNT	ax40	5190	Sum	11.419	0	11.419	24	Pass
NVNT	ax40	5230	Ant1	9.27	0	9.27	24	Pass
NVNT	ax40	5230	Ant2	6.95	0	6.95	24	Pass
NVNT	ax40	5230	Sum	11.273	0	11.273	24	Pass
NVNT	ax80	5210	Ant1	8.95	0	8.95	24	Pass

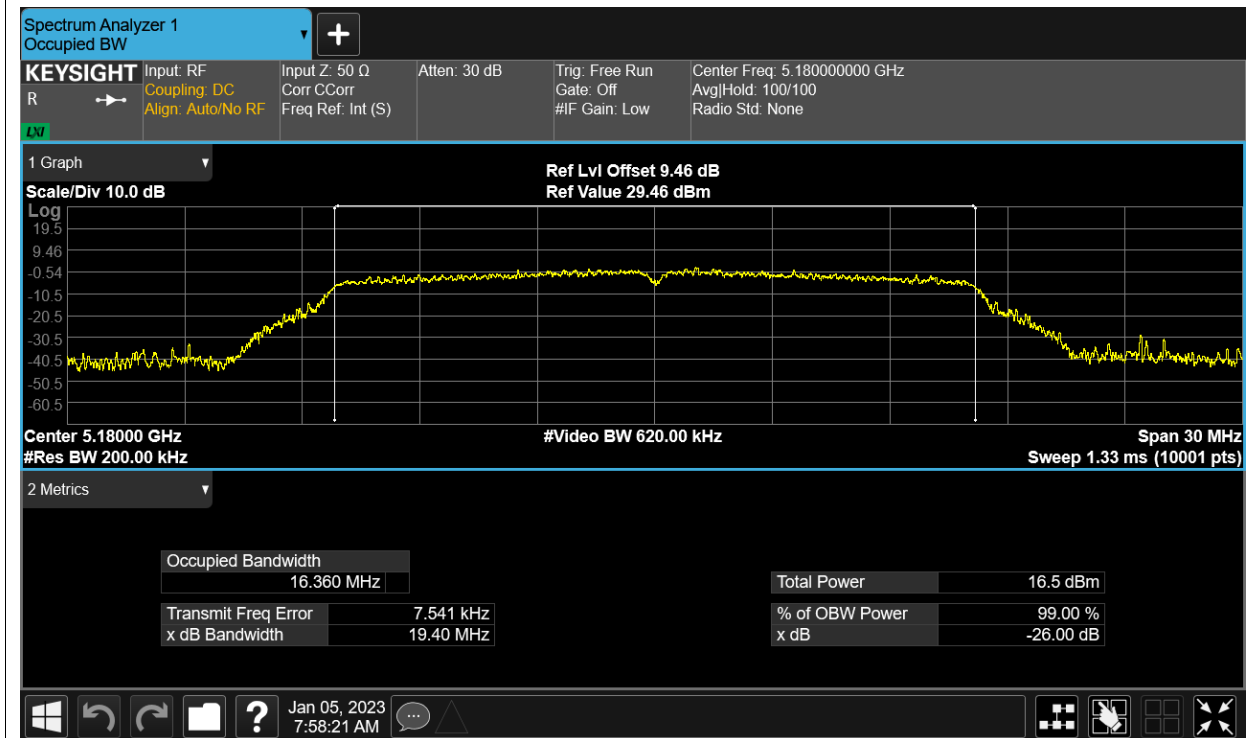
NVNT	ax80	5210	Ant2	6.73	0	6.73	24	Pass
NVNT	ax80	5210	Sum	10.991	0	10.991	24	Pass
NVNT	n20	5180	Ant1	10.83	0	10.83	24	Pass
NVNT	n20	5180	Ant2	9.38	0	9.38	24	Pass
NVNT	n20	5180	Sum	13.176	0	13.176	24	Pass
NVNT	n20	5200	Ant1	10.78	0	10.78	24	Pass
NVNT	n20	5200	Ant2	9.14	0	9.14	24	Pass
NVNT	n20	5200	Sum	13.047	0	13.047	24	Pass
NVNT	n20	5240	Ant1	10.75	0	10.75	24	Pass
NVNT	n20	5240	Ant2	8.45	0	8.45	24	Pass
NVNT	n20	5240	Sum	12.761	0	12.761	24	Pass
NVNT	n40	5190	Ant1	10.74	0	10.74	24	Pass
NVNT	n40	5190	Ant2	9.17	0	9.17	24	Pass
NVNT	n40	5190	Sum	13.036	0	13.036	24	Pass
NVNT	n40	5230	Ant1	10.76	0	10.76	24	Pass
NVNT	n40	5230	Ant2	8.64	0	8.64	24	Pass
NVNT	n40	5230	Sum	12.838	0	12.838	24	Pass

Occupied Channel Bandwidth

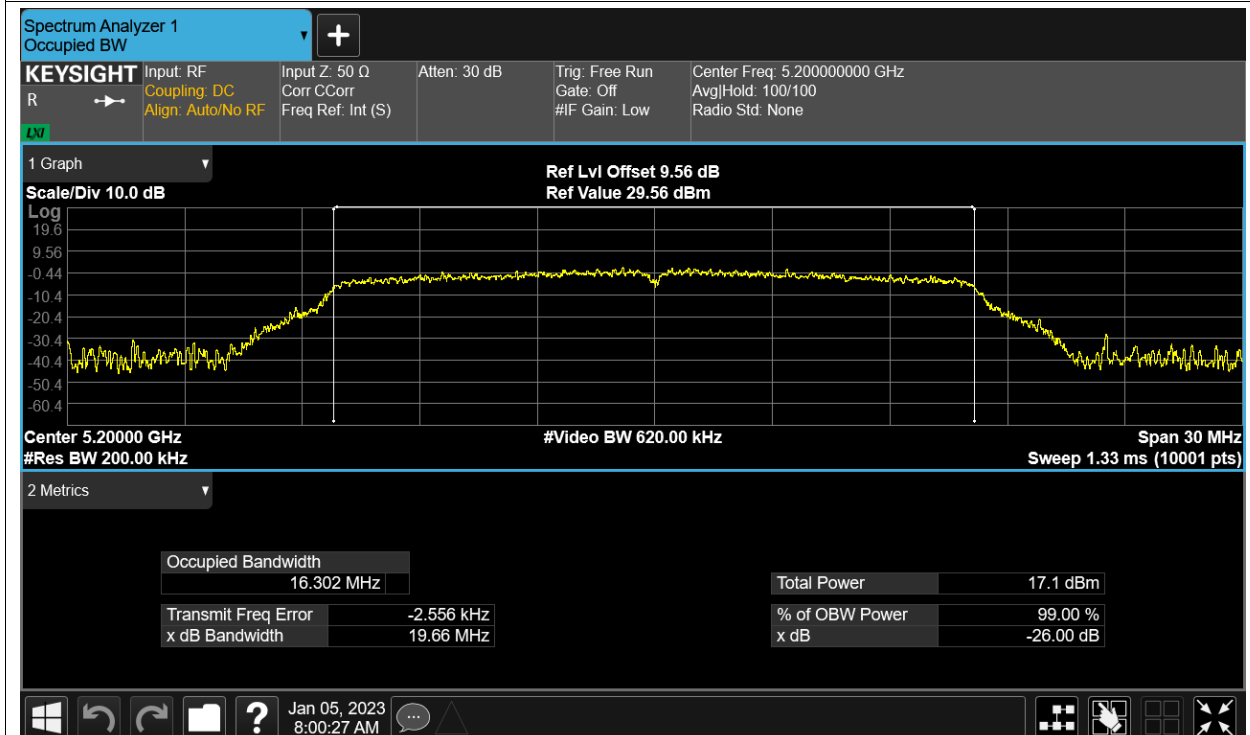
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.36
NVNT	a	5200	Ant1	16.302
NVNT	a	5240	Ant1	16.337
NVNT	a	5180	Ant2	16.327
NVNT	a	5200	Ant2	16.332
NVNT	a	5240	Ant2	16.361
NVNT	ac20	5180	Ant1	17.49
NVNT	ac20	5180	Ant2	17.464
NVNT	ac20	5200	Ant1	17.508
NVNT	ac20	5200	Ant2	17.481
NVNT	ac20	5240	Ant1	17.473
NVNT	ac20	5240	Ant2	17.484
NVNT	ac40	5190	Ant1	35.797
NVNT	ac40	5190	Ant2	35.856
NVNT	ac40	5230	Ant1	35.865
NVNT	ac40	5230	Ant2	35.784
NVNT	ac80	5210	Ant1	75.347
NVNT	ac80	5210	Ant2	75.388
NVNT	ax20	5180	Ant1	18.722
NVNT	ax20	5180	Ant2	18.723
NVNT	ax20	5200	Ant1	18.747
NVNT	ax20	5200	Ant2	18.744
NVNT	ax20	5240	Ant1	18.724
NVNT	ax20	5240	Ant2	18.7
NVNT	ax40	5190	Ant1	37.538
NVNT	ax40	5190	Ant2	37.566
NVNT	ax40	5230	Ant1	37.568
NVNT	ax40	5230	Ant2	37.536
NVNT	ax80	5210	Ant1	76.982
NVNT	ax80	5210	Ant2	77.04
NVNT	n20	5180	Ant1	17.482
NVNT	n20	5180	Ant2	17.491
NVNT	n20	5200	Ant1	17.467
NVNT	n20	5200	Ant2	17.458
NVNT	n20	5240	Ant1	17.484
NVNT	n20	5240	Ant2	17.443
NVNT	n40	5190	Ant1	35.843
NVNT	n40	5190	Ant2	35.846
NVNT	n40	5230	Ant1	35.835
NVNT	n40	5230	Ant2	35.84

Test Graphs

OBW NVNT a 5180MHz Ant1



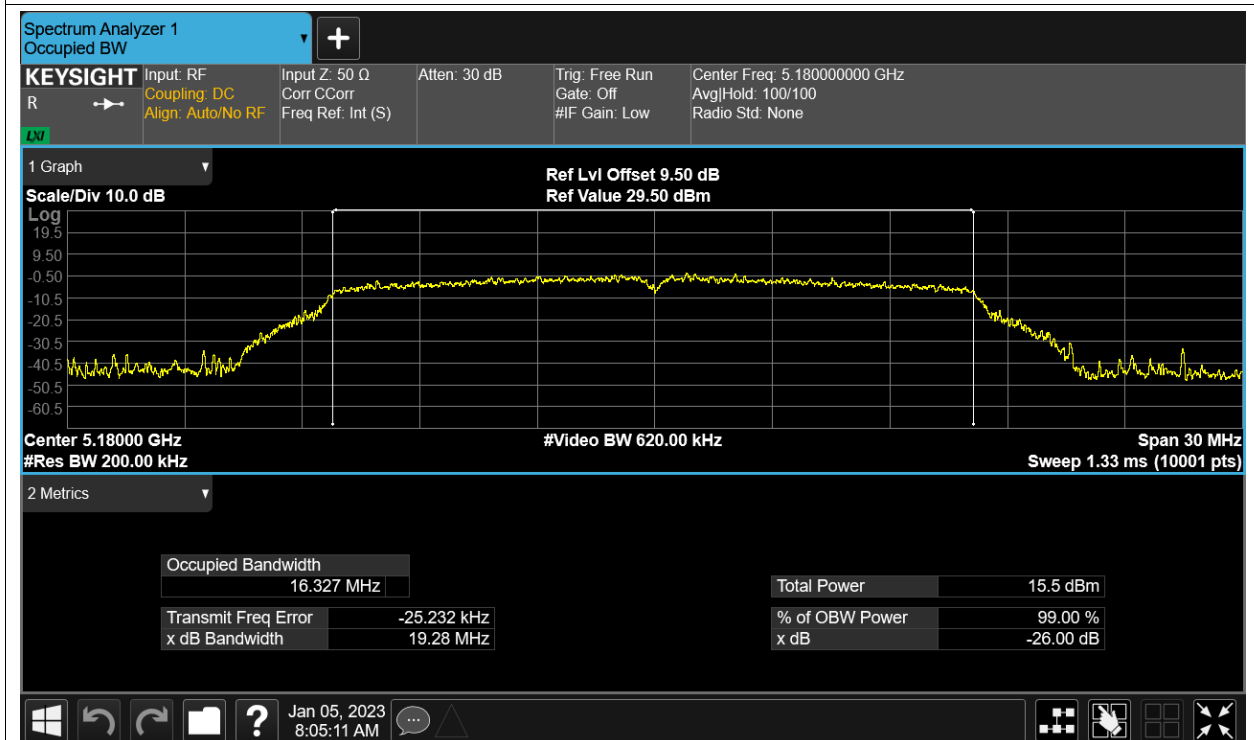
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



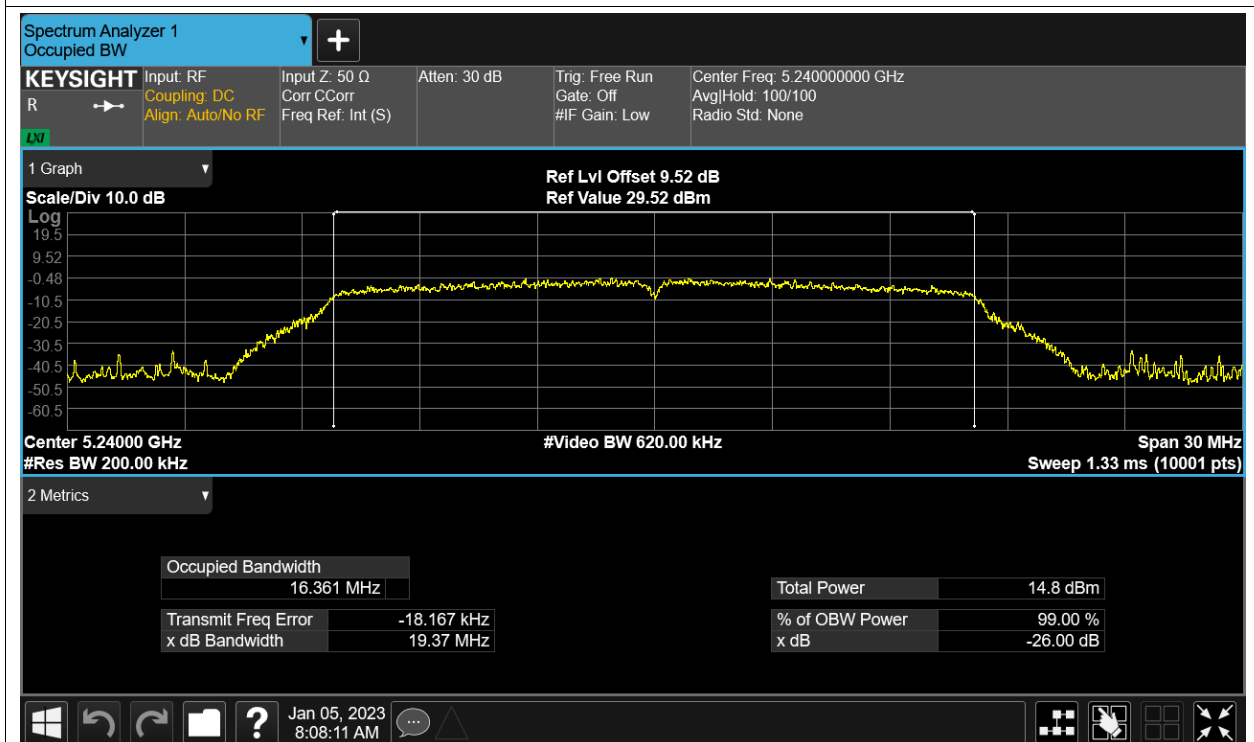
OBW NVNT a 5180MHz Ant2



OBW NVNT a 5200MHz Ant2



OBW NVNT a 5240MHz Ant2



OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5180MHz Ant2



OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5200MHz Ant2



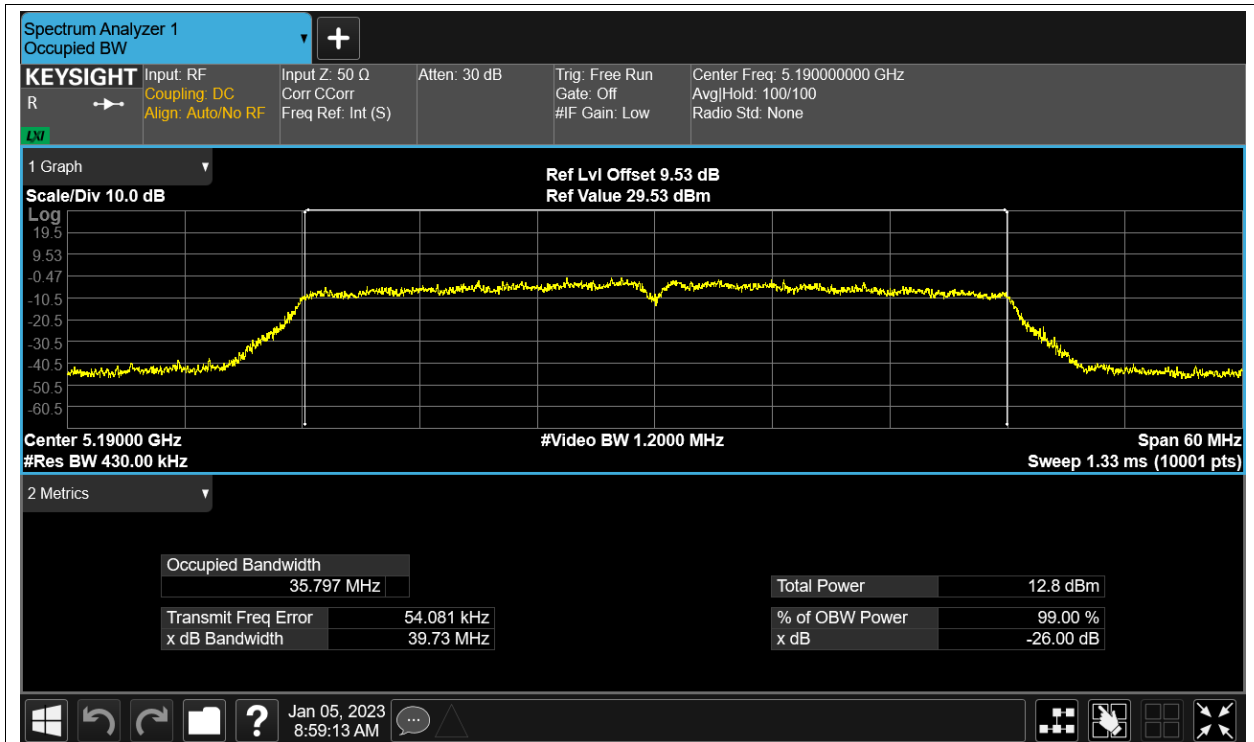
OBW NVNT ac20 5240MHz Ant1



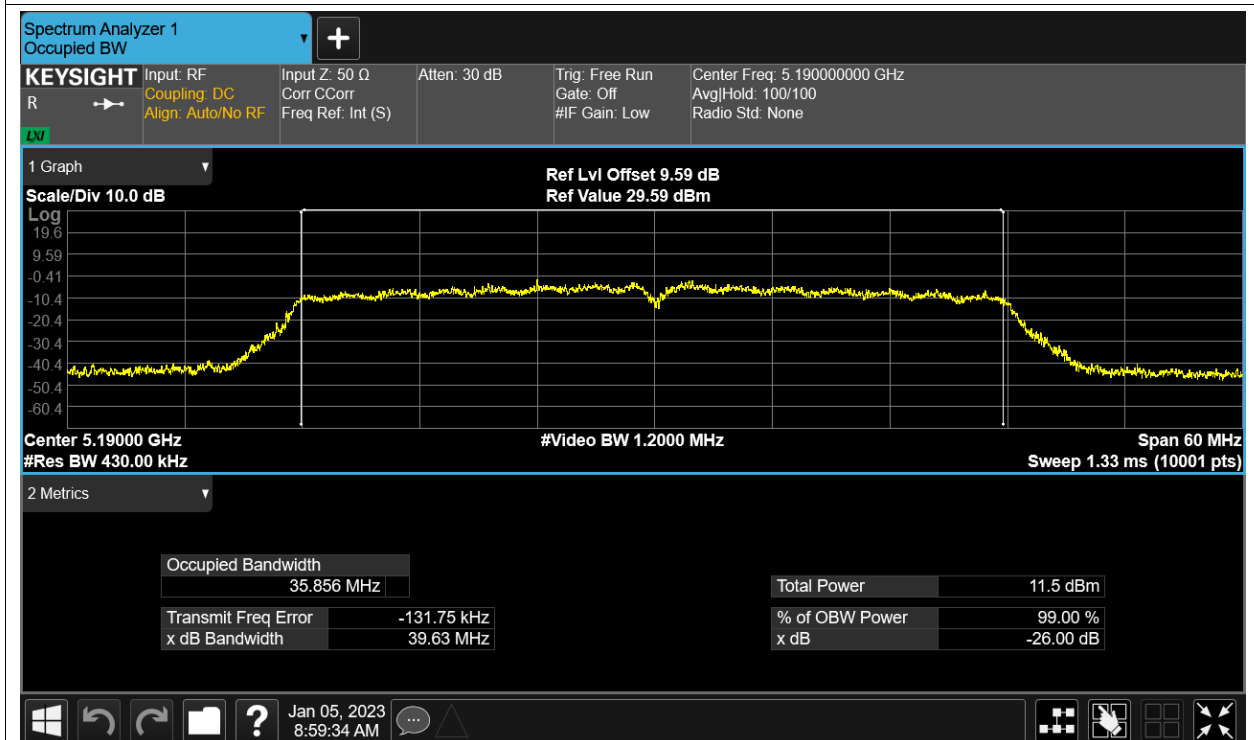
OBW NVNT ac20 5240MHz Ant2



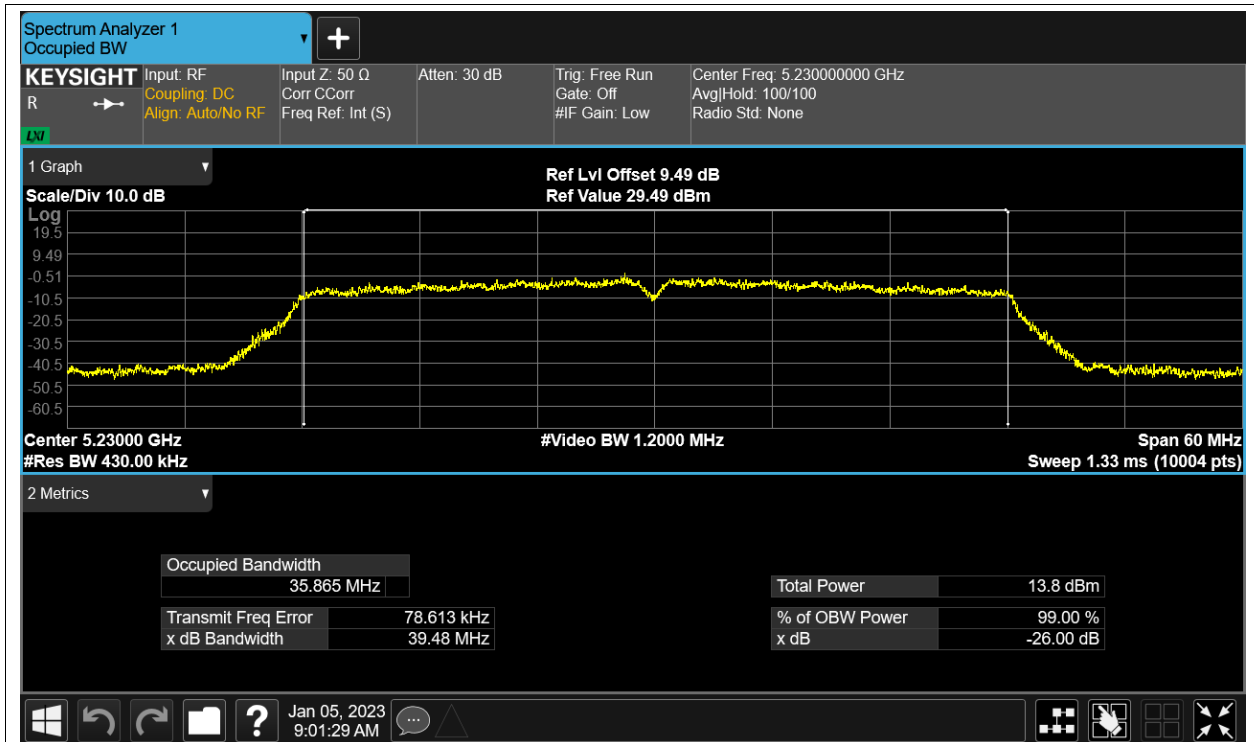
OBW NVNT ac40 5190MHz Ant1



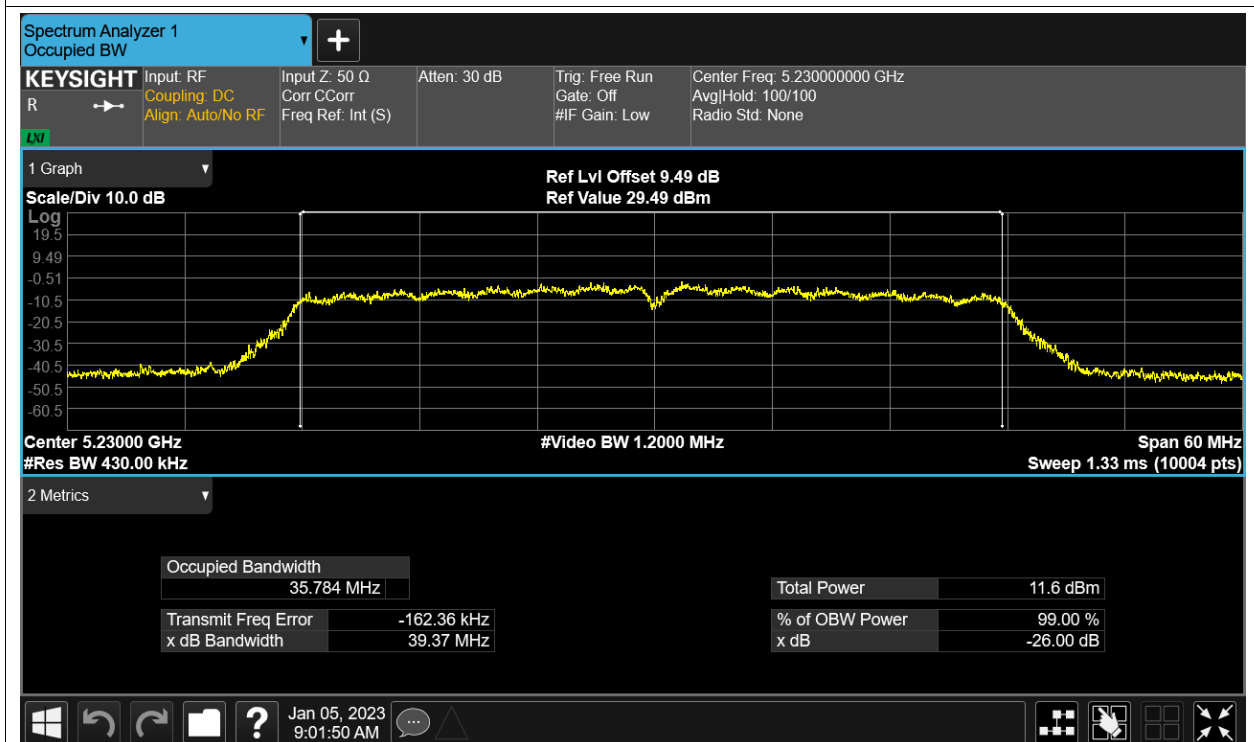
OBW NVNT ac40 5190MHz Ant2



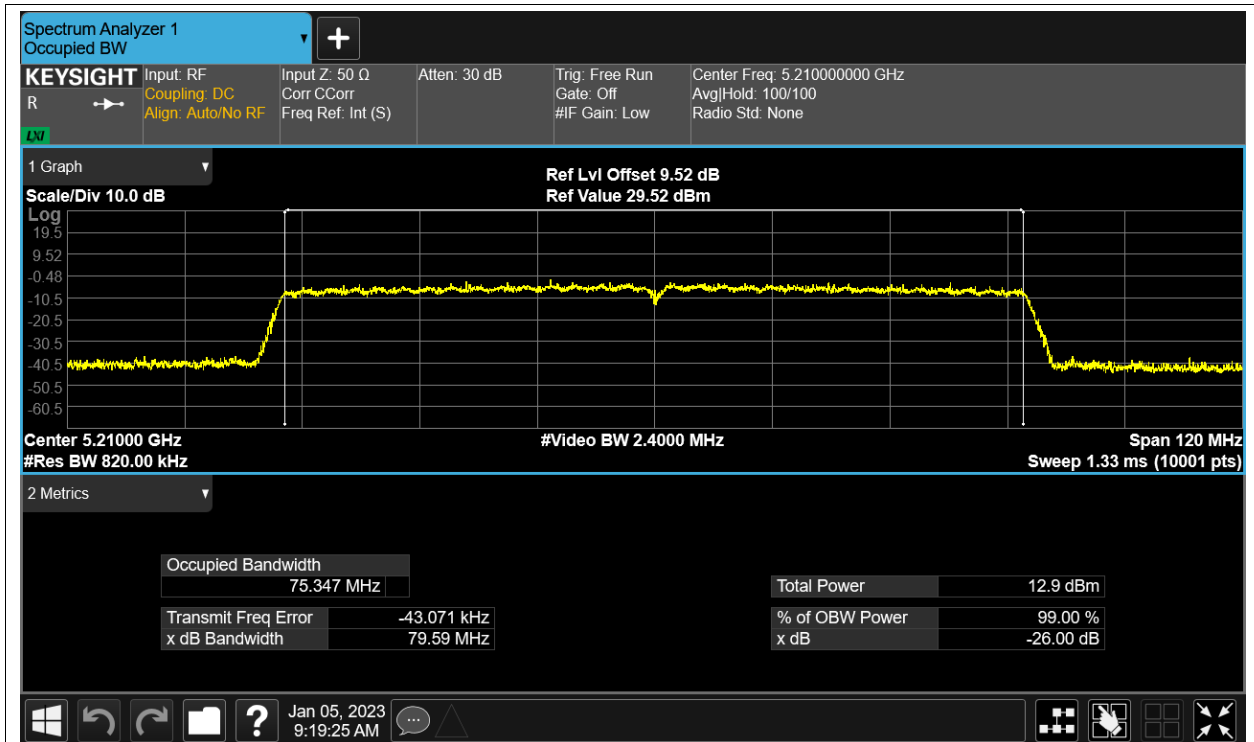
OBW NVNT ac40 5230MHz Ant1



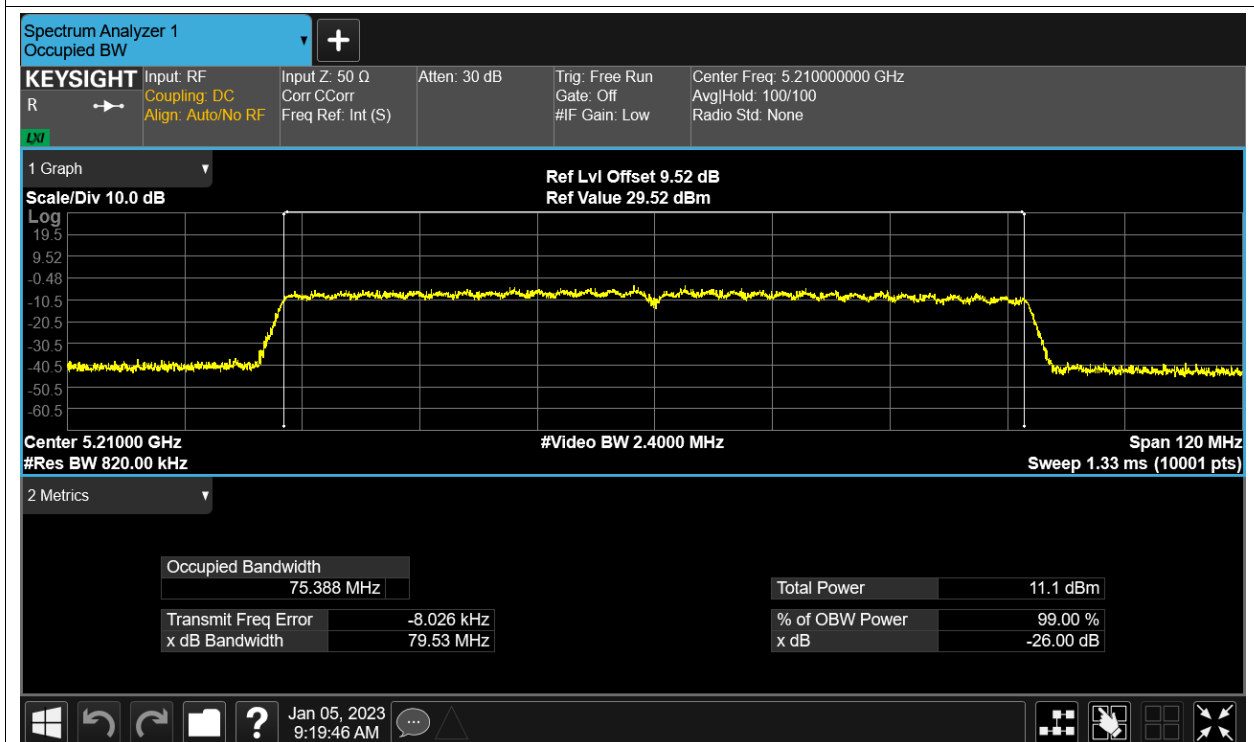
OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2



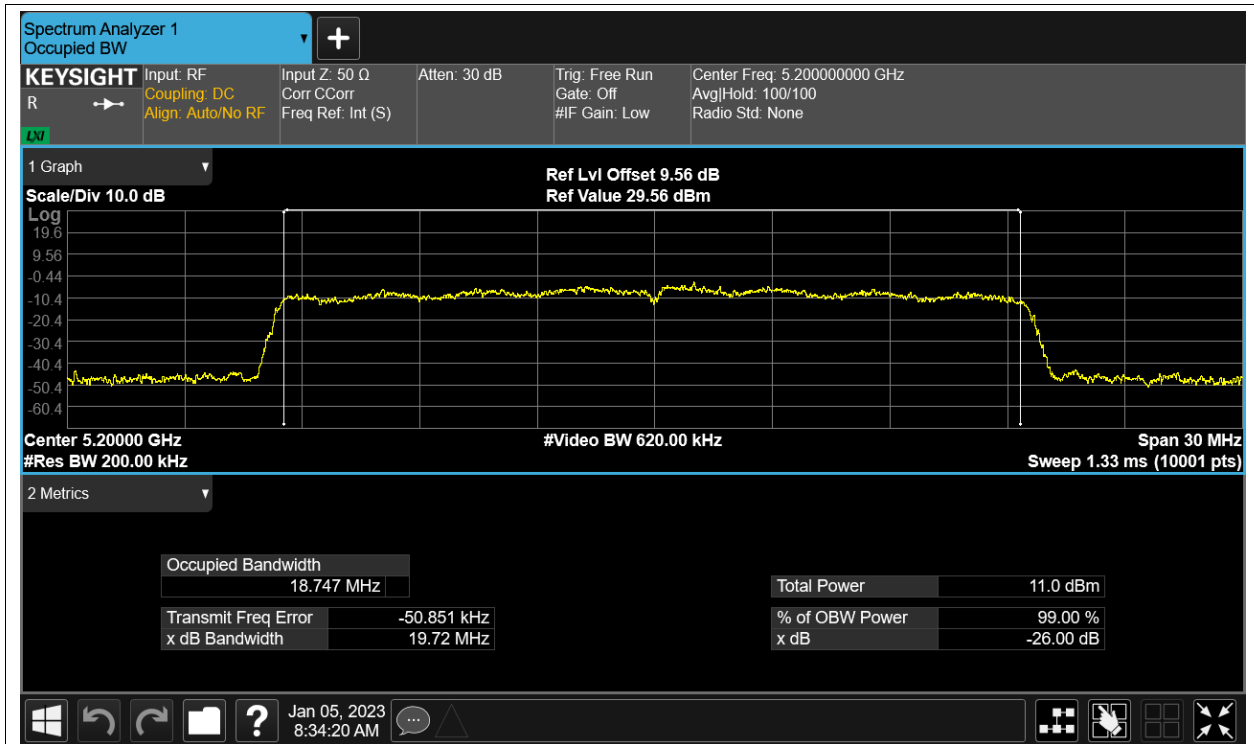
OBW NVNT ax20 5180MHz Ant1



OBW NVNT ax20 5180MHz Ant2



OBW NVNT ax20 5200MHz Ant1



OBW NVNT ax20 5200MHz Ant2



OBW NVNT ax20 5240MHz Ant1