

Test Data

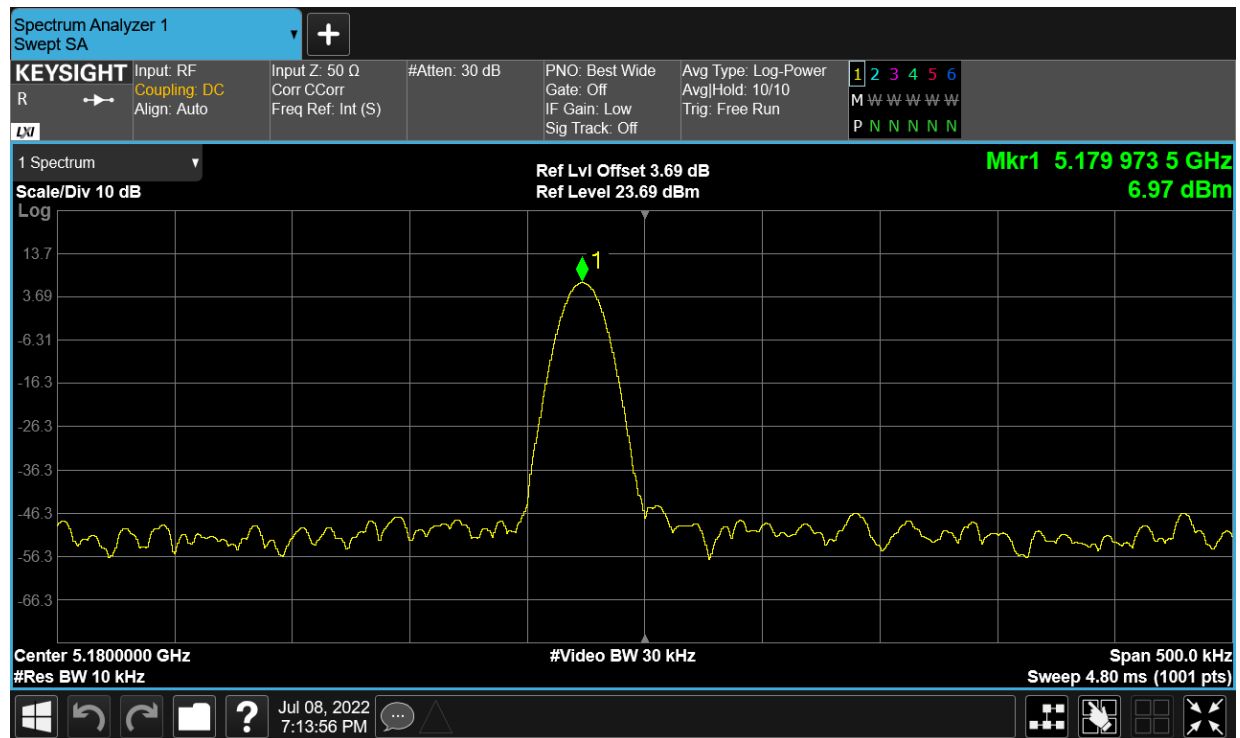
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9735	-5.12	Within authorized band	Pass
HVNT	a	5180	Ant2	5179.9745	-4.92		Pass
LVNT	a	5180	Ant1	5179.9725	-5.31		Pass
LVNT	a	5180	Ant2	5179.9745	-4.92		Pass
NVHT	a	5180	Ant1	5179.9745	-4.92		Pass
NVHT	a	5180	Ant2	5179.9745	-4.92		Pass
NVLT	a	5180	Ant1	5179.9755	-4.73		Pass
NVLT	a	5180	Ant2	5179.975	-4.83		Pass
NVNT	a	5180	Ant1	5179.978	-4.25		Pass
NVNT	a	5180	Ant2	5179.976	-4.63		Pass
HVNT	ax20	5180	Sum	5179.972	-5.41		Pass
LVNT	ax20	5180	Sum	5179.972	-5.41		Pass
NVHT	ax20	5180	Sum	5179.9725	-5.31		Pass
NVLT	ax20	5180	Sum	5179.9735	-5.12		Pass
NVNT	ax20	5180	Sum	5179.9755	-4.73		Pass
HVNT	ax40	5190	Sum	5189.972	-5.39		Pass
LVNT	ax40	5190	Sum	5189.972	-5.39		Pass
NVHT	ax40	5190	Sum	5189.972	-5.39		Pass
NVLT	ax40	5190	Sum	5189.972	-5.39		Pass
NVNT	ax40	5190	Sum	5189.9735	-5.11		Pass
HVNT	ax80	5210	Sum	5209.972	-5.37		Pass
LVNT	ax80	5210	Sum	5209.972	-5.37		Pass
NVHT	ax80	5210	Sum	5209.972	-5.37		Pass
NVLT	ax80	5210	Sum	5209.9725	-5.28		Pass
NVNT	ax80	5210	Sum	5209.973	-5.18		Pass
HVNT	n20	5180	Sum	5179.9725	-5.31		Pass
LVNT	n20	5180	Sum	5179.972	-5.41		Pass
NVHT	n20	5180	Sum	5179.972	-5.41		Pass
NVLT	n20	5180	Sum	5179.972	-5.41		Pass
NVNT	n20	5180	Sum	5179.9735	-5.12		Pass
HVNT	n40	5190	Sum	5189.9725	-5.3		Pass
LVNT	n40	5190	Sum	5189.9725	-5.3		Pass
NVHT	n40	5190	Sum	5189.973	-5.2		Pass
NVLT	n40	5190	Sum	5189.973	-5.2		Pass
NVNT	n40	5190	Sum	5189.973	-5.2		Pass

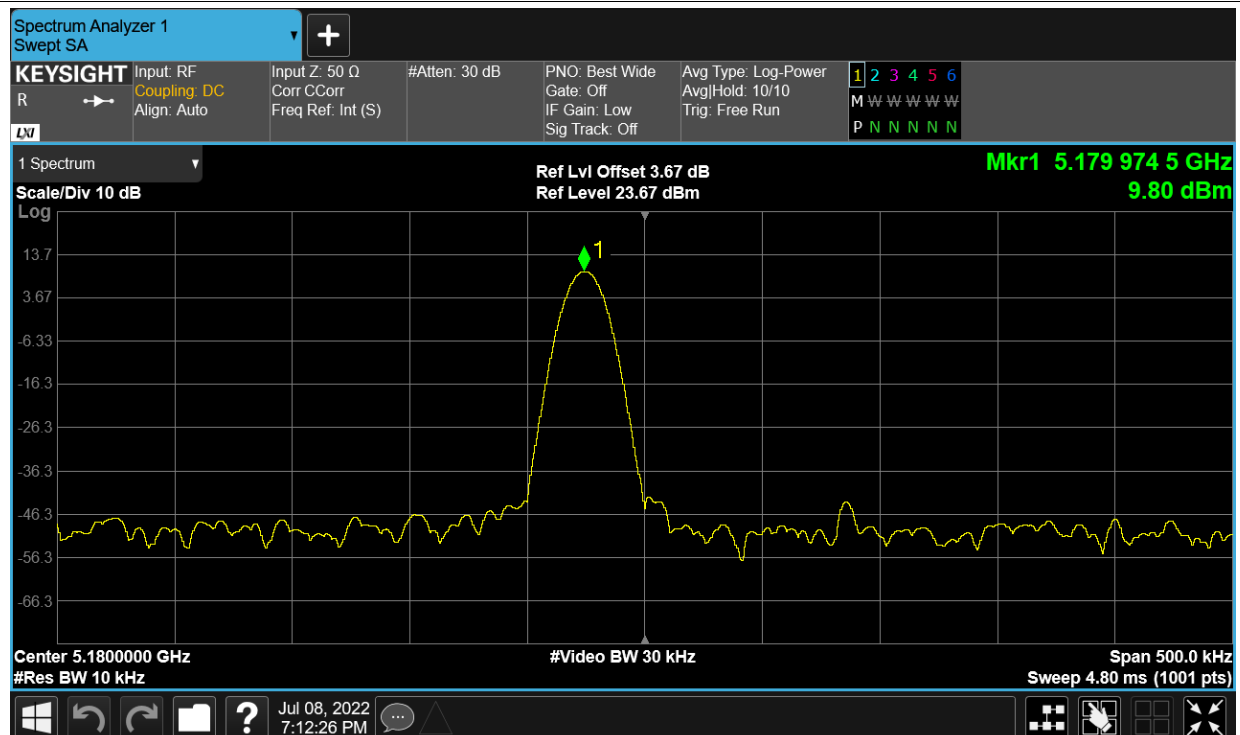
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

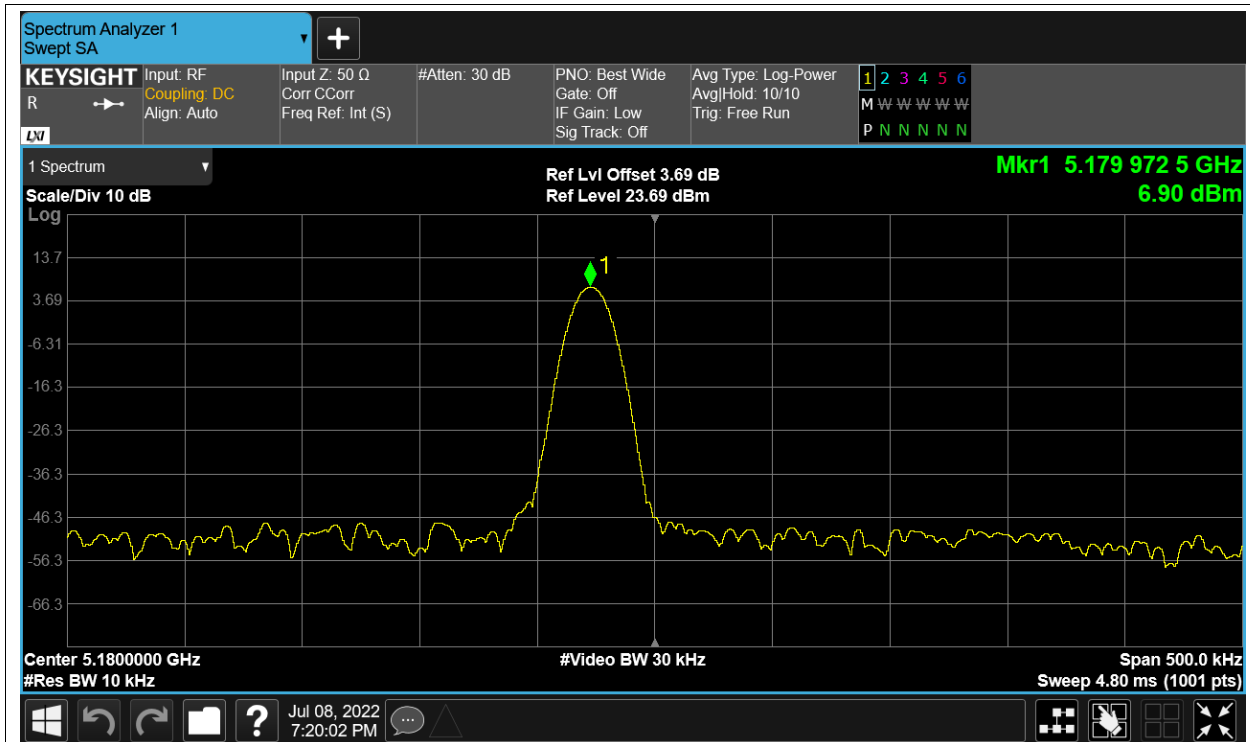
Freq. Stability HVNT a 5180MHz Ant1



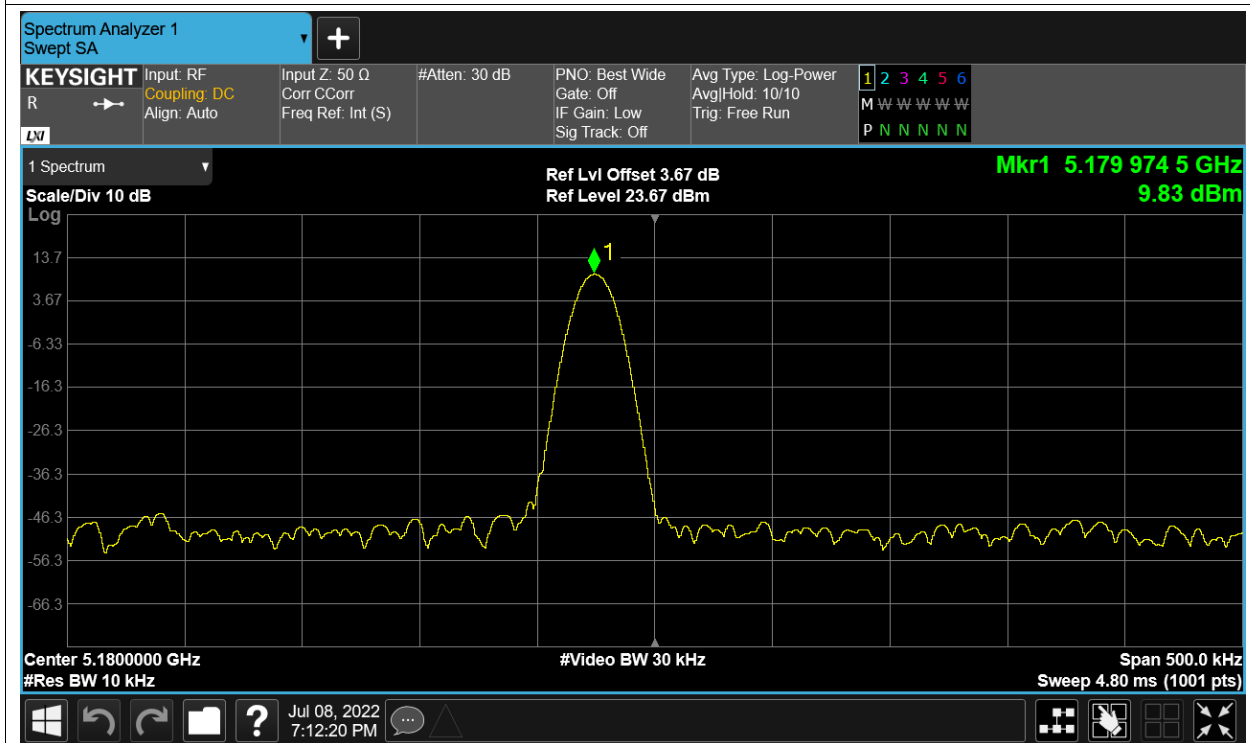
Freq. Stability HVNT a 5180MHz Ant2



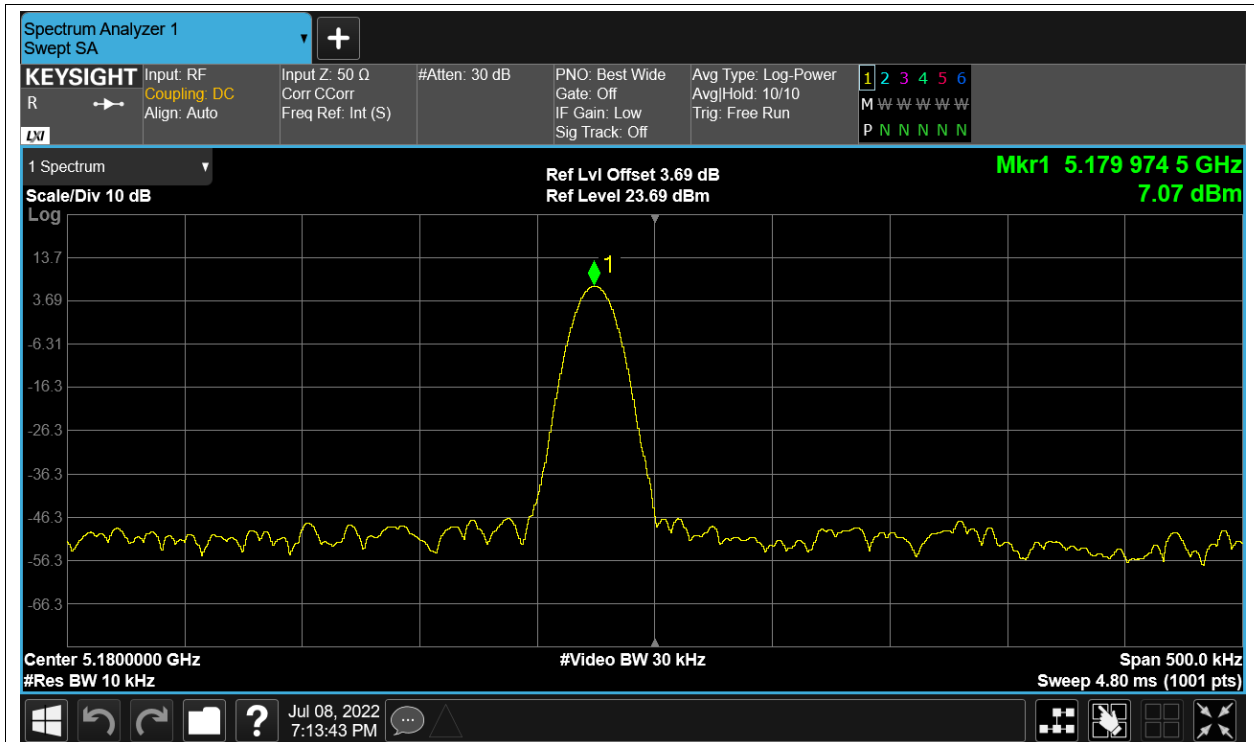
Freq. Stability LVNT a 5180MHz Ant1



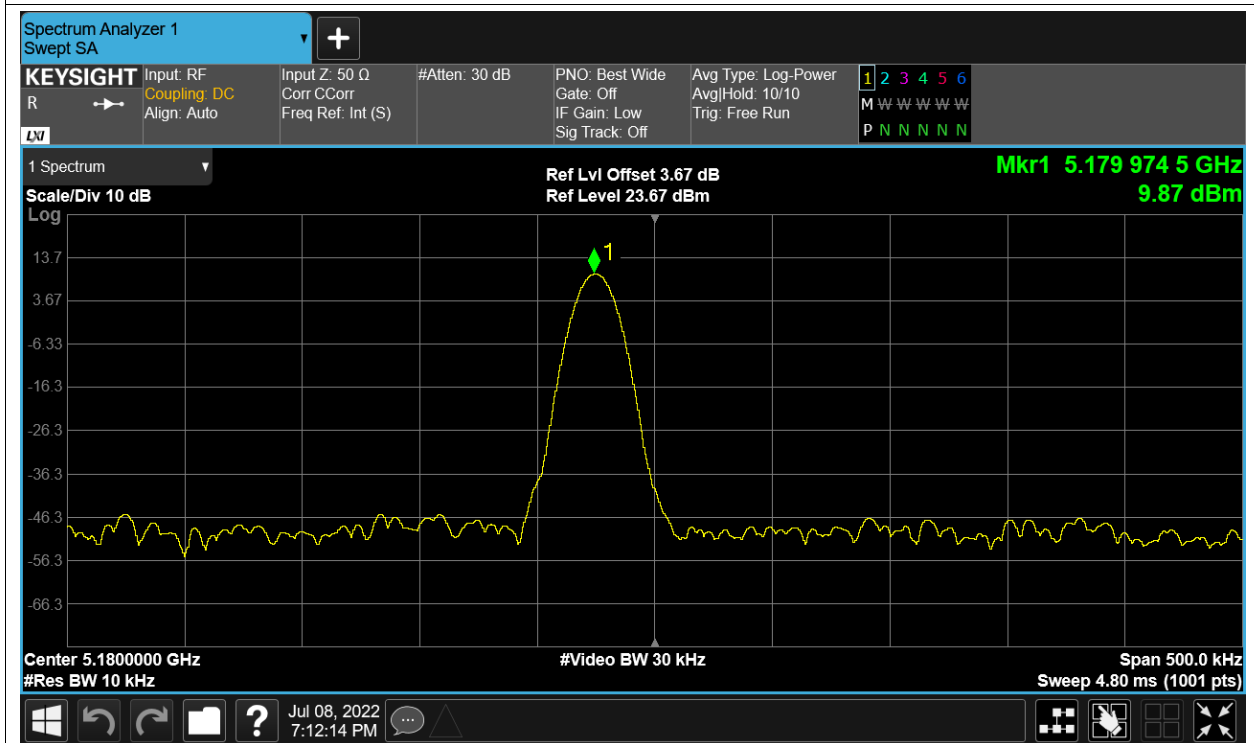
Freq. Stability LVNT a 5180MHz Ant2



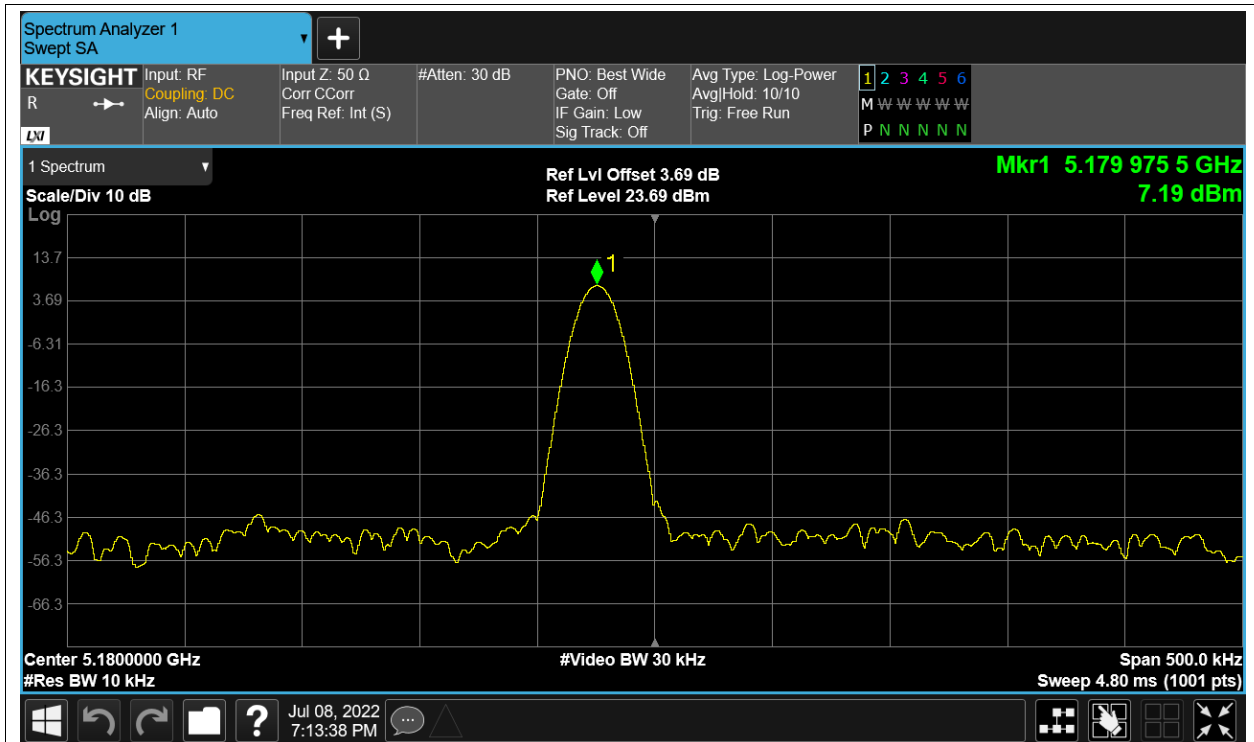
Freq. Stability NVHT a 5180MHz Ant1



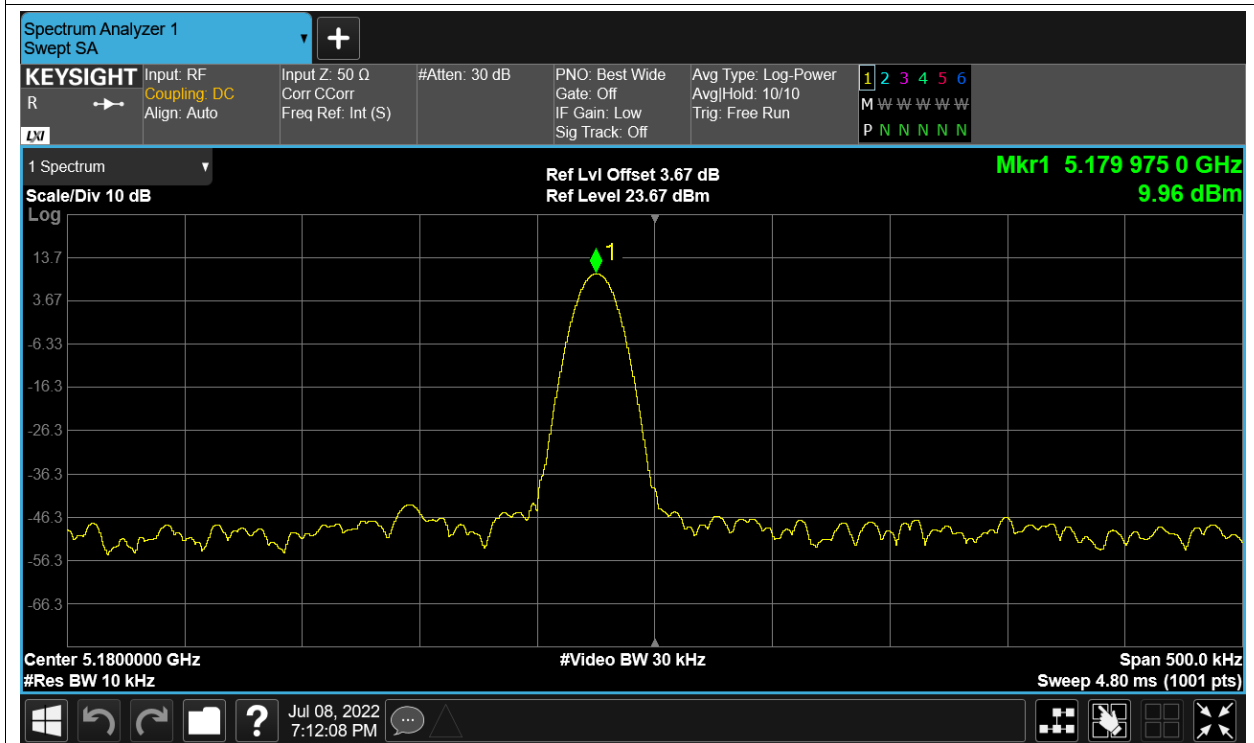
Freq. Stability NVHT a 5180MHz Ant2



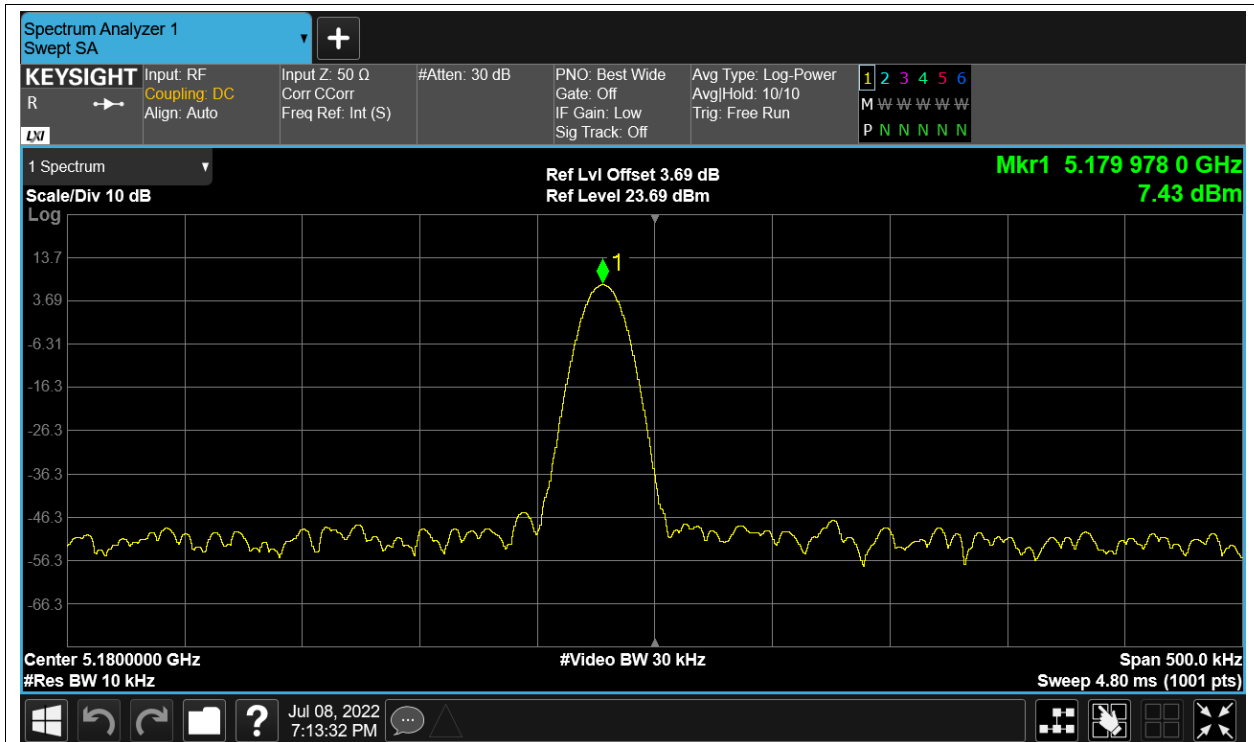
Freq. Stability NVLT a 5180MHz Ant1



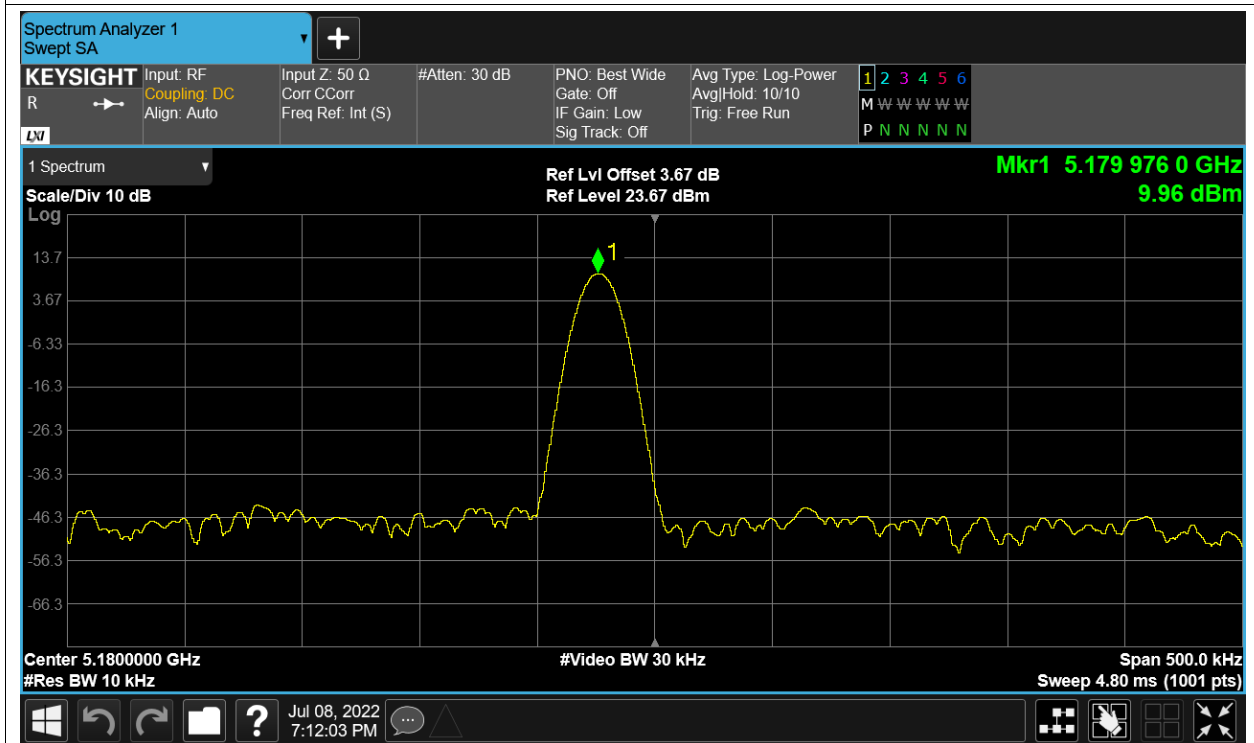
Freq. Stability NVLT a 5180MHz Ant2



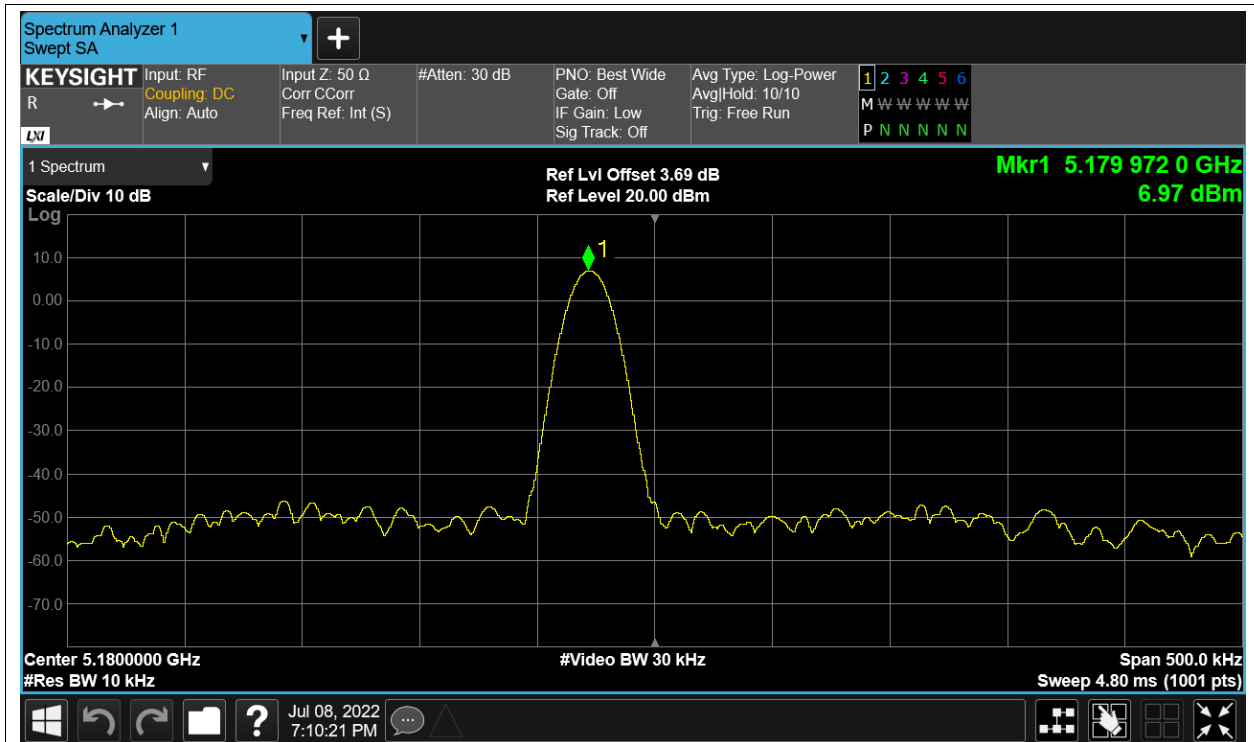
Freq. Stability NVNT a 5180MHz Ant1



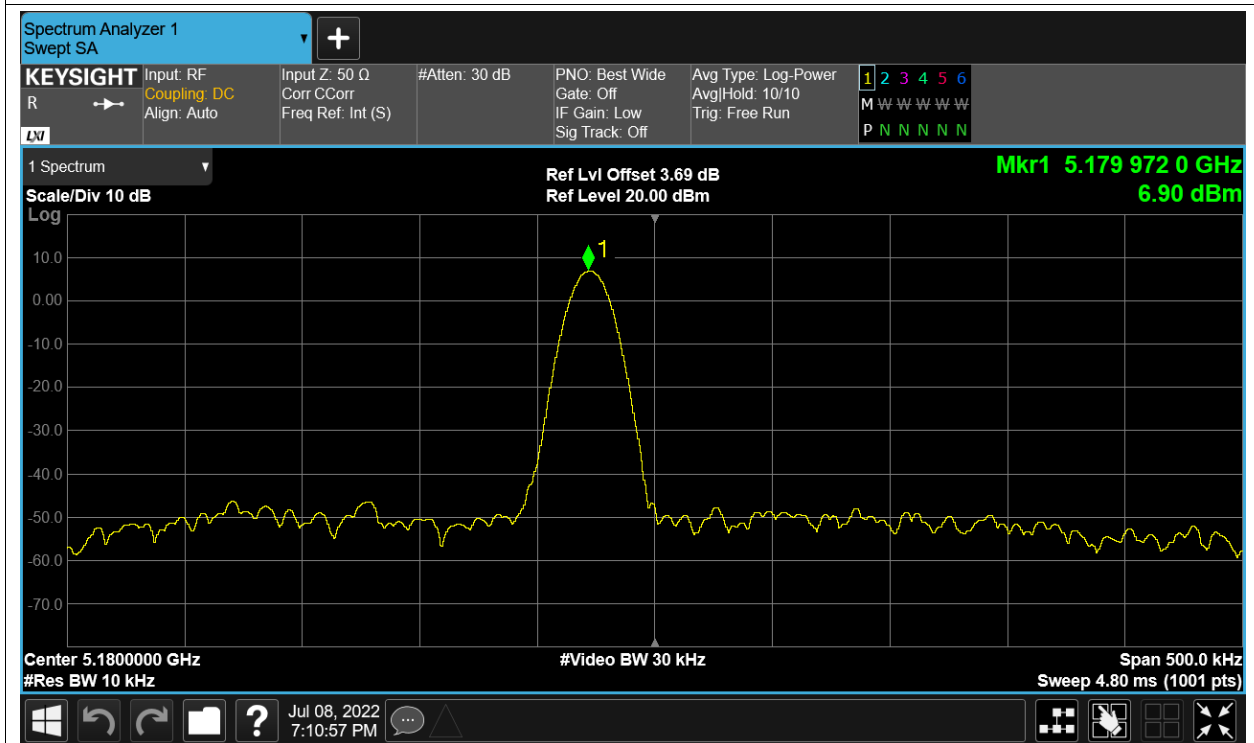
Freq. Stability NVNT a 5180MHz Ant2



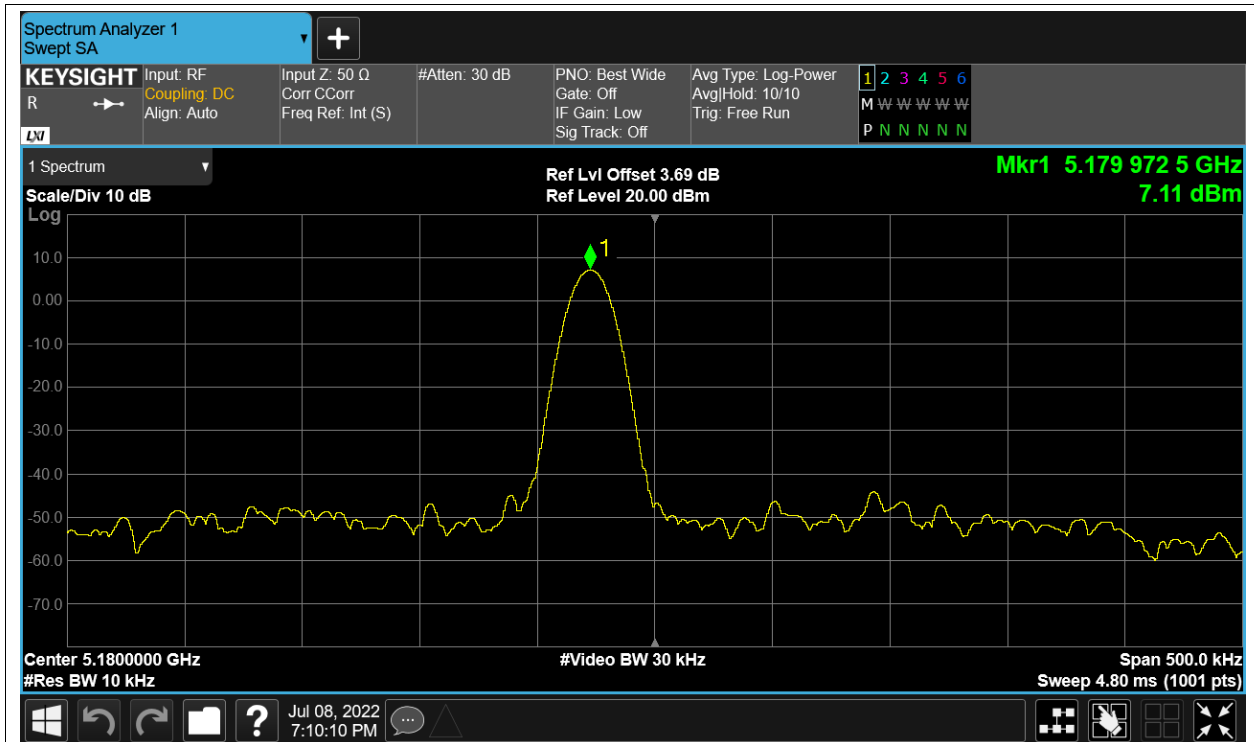
Freq. Stability HVNT ax20 5180MHz Sum



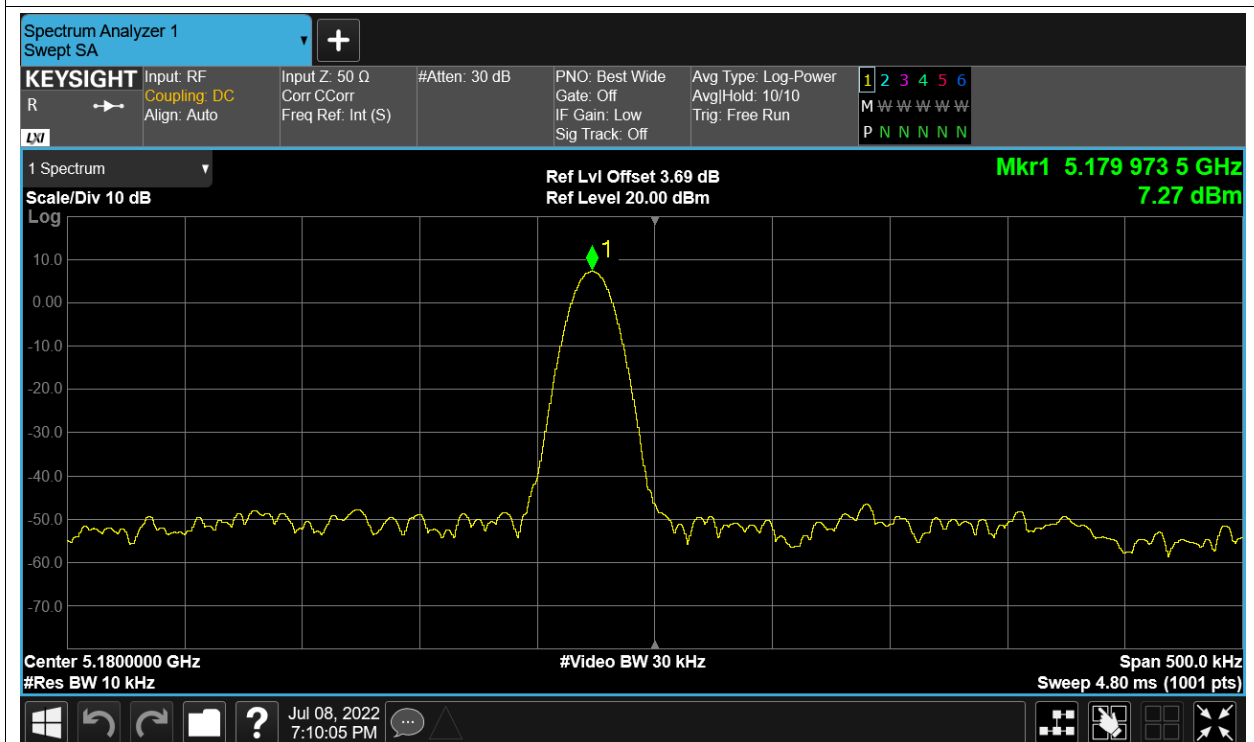
Freq. Stability LVNT ax20 5180MHz Sum



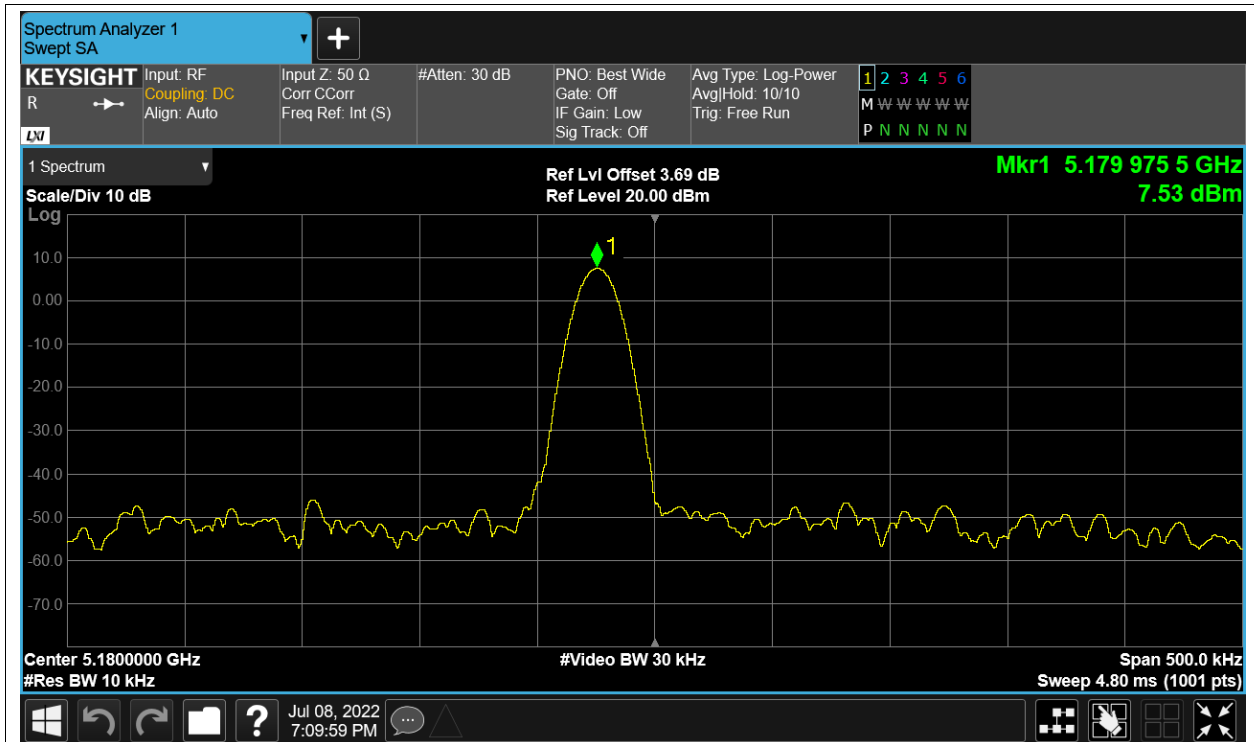
Freq. Stability NVHT ax20 5180MHz Sum



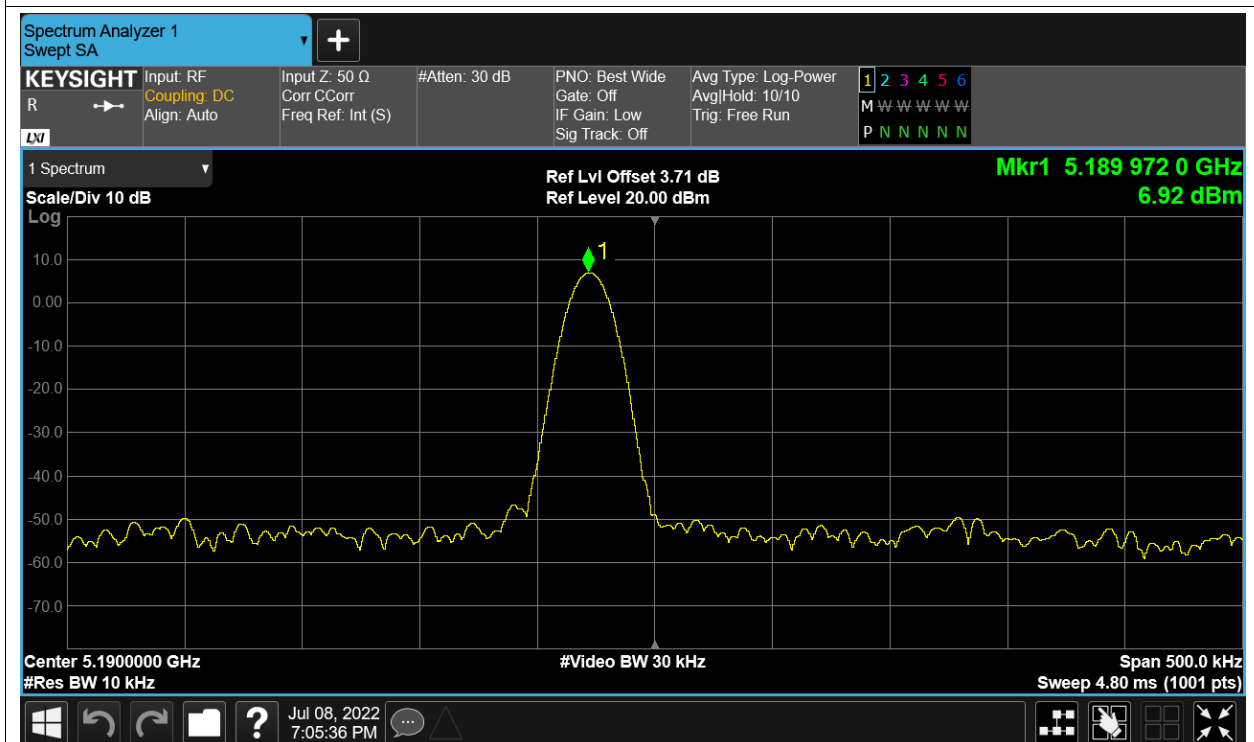
Freq. Stability NVLT ax20 5180MHz Sum



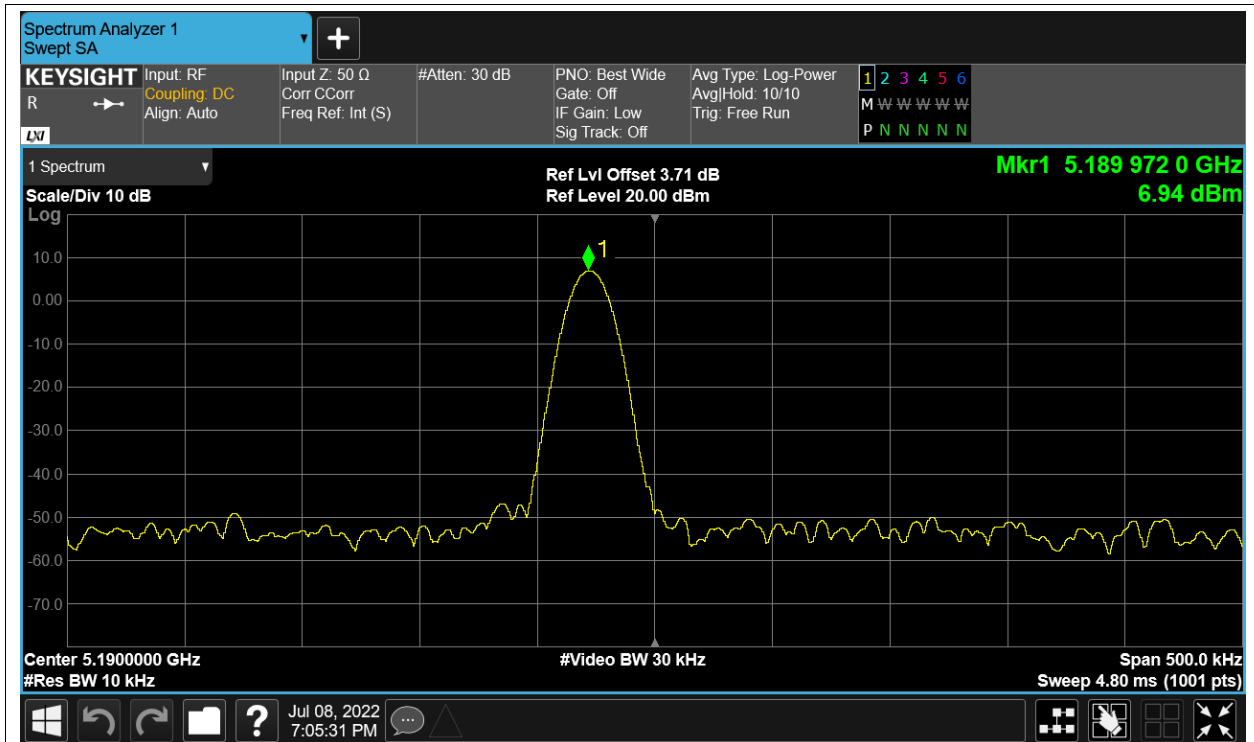
Freq. Stability NVNT ax20 5180MHz Sum



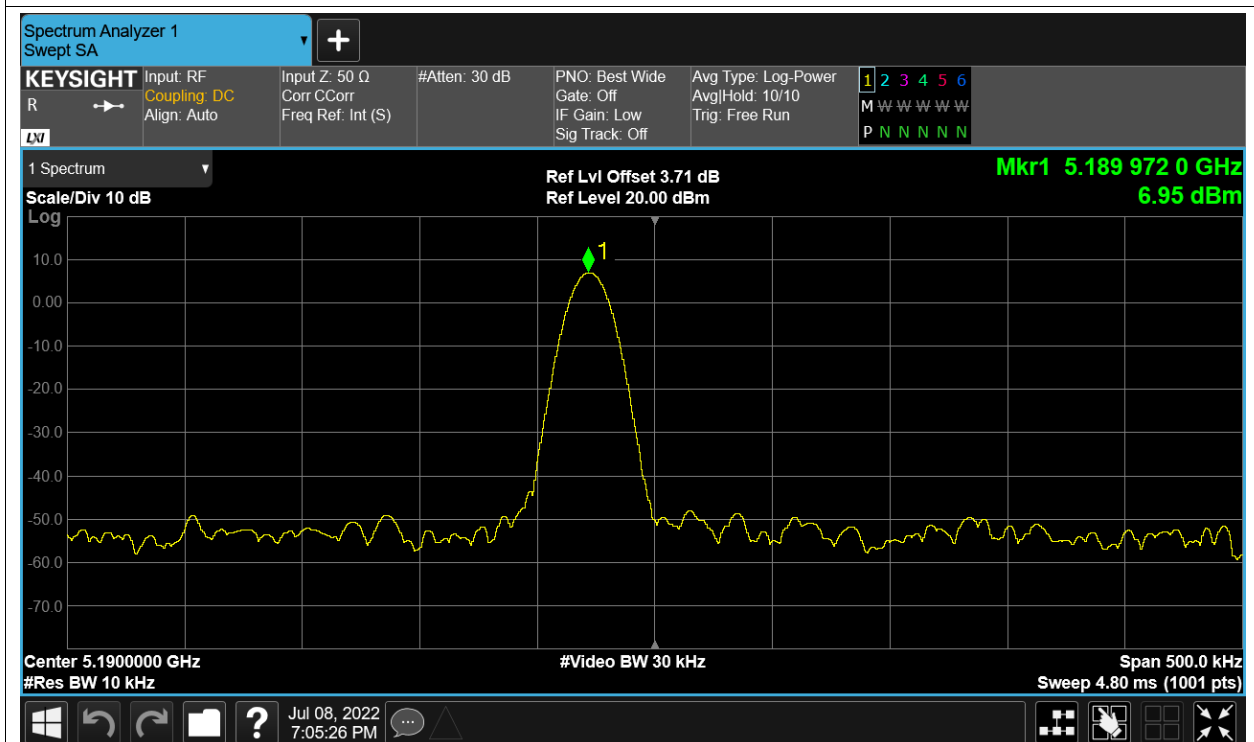
Freq. Stability HVNT ax40 5190MHz Sum



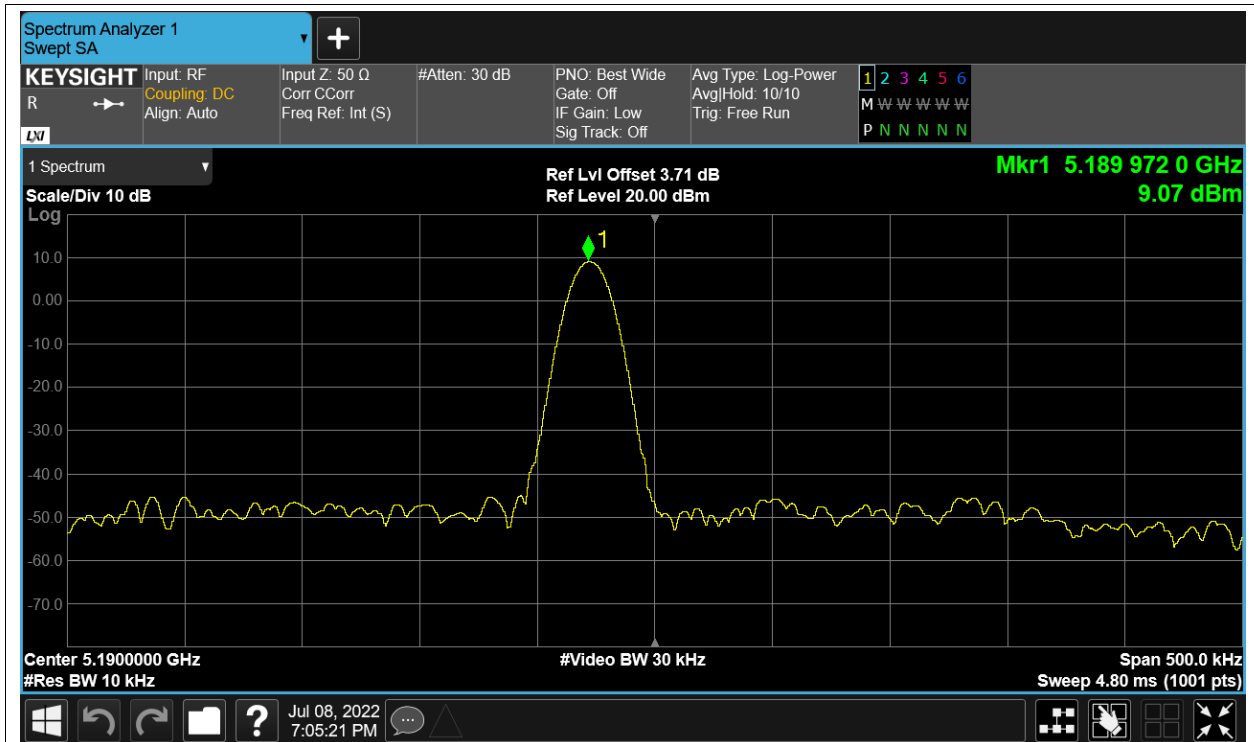
Freq. Stability LVNT ax40 5190MHz Sum



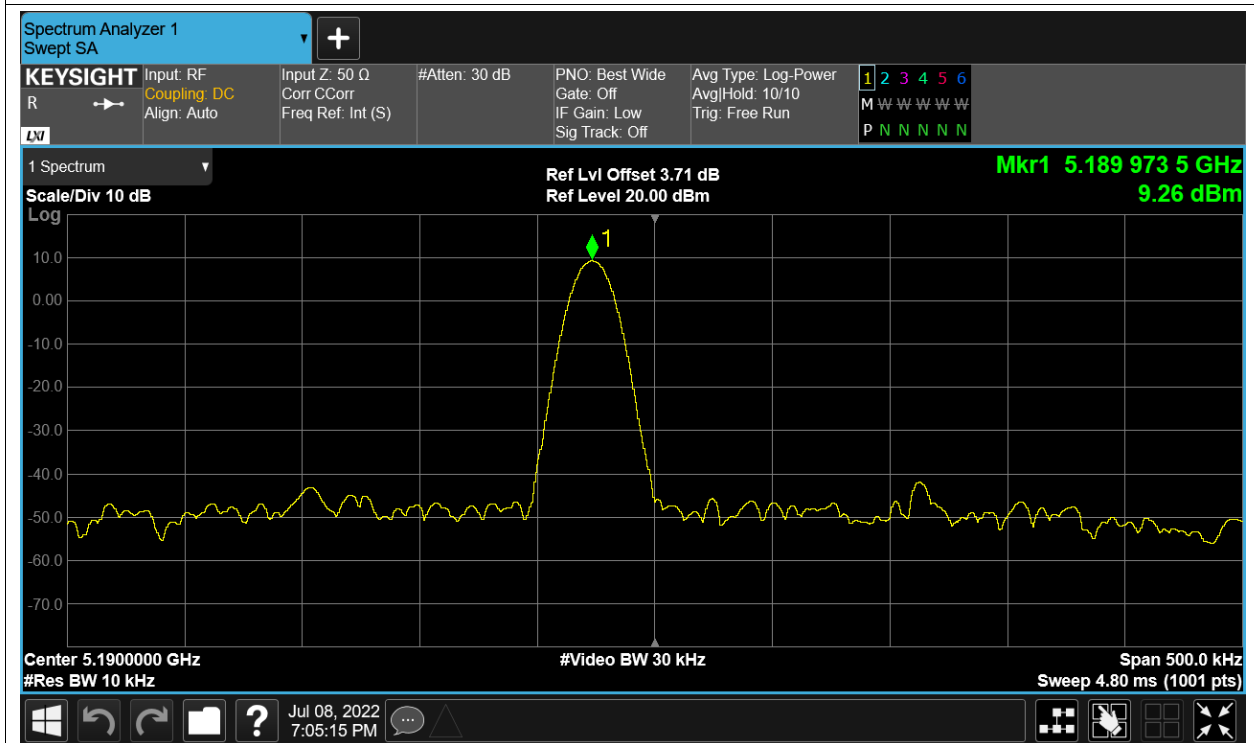
Freq. Stability NVHT ax40 5190MHz Sum



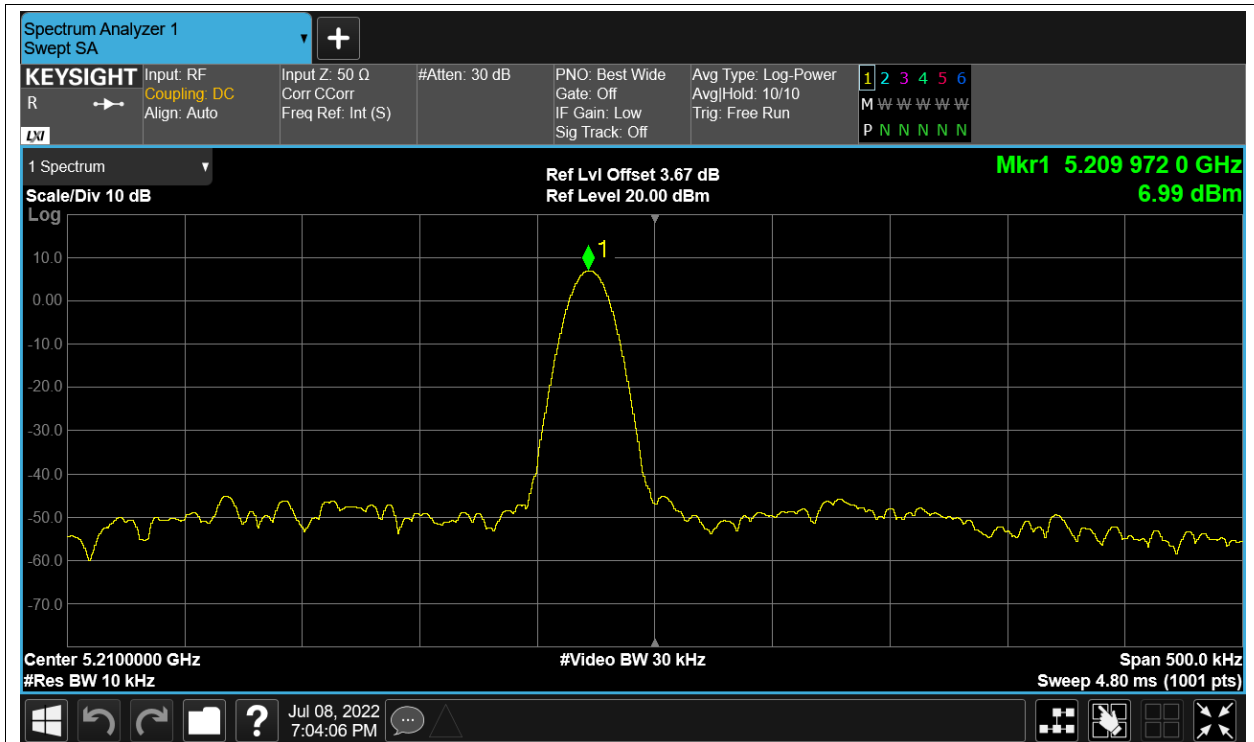
Freq. Stability NVLT ax40 5190MHz Sum



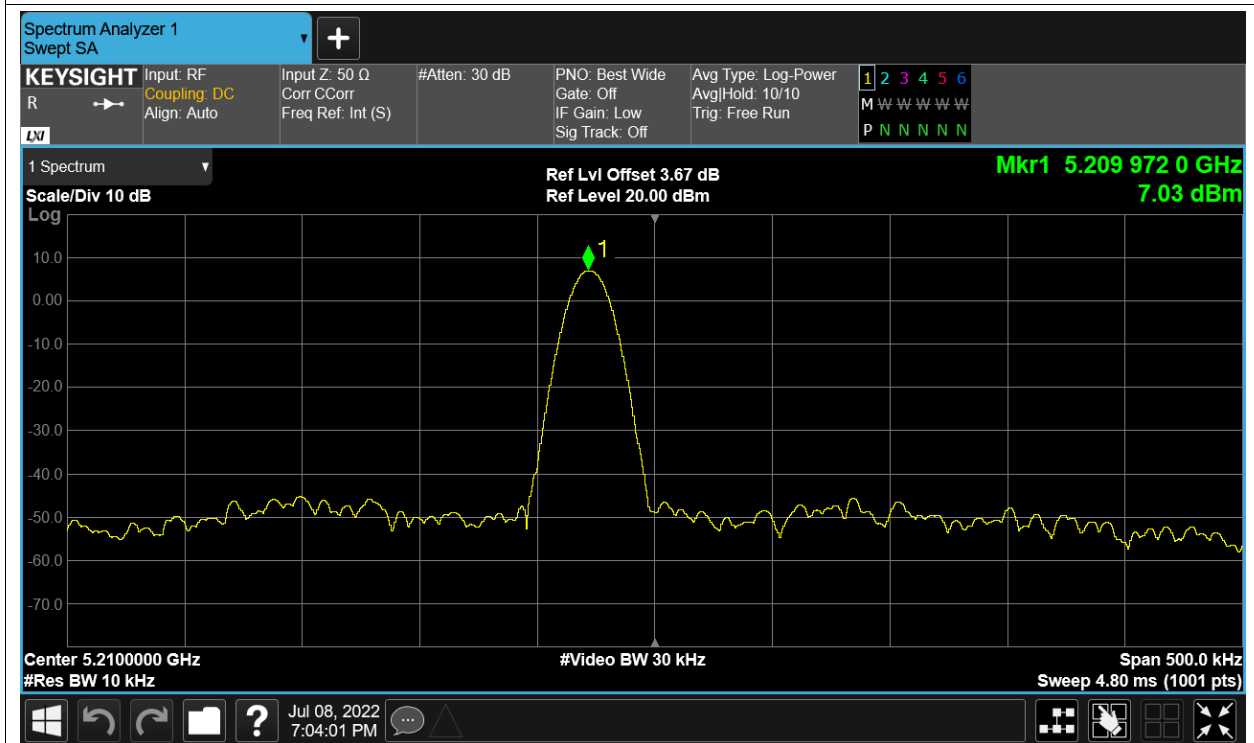
Freq. Stability NVNT ax40 5190MHz Sum



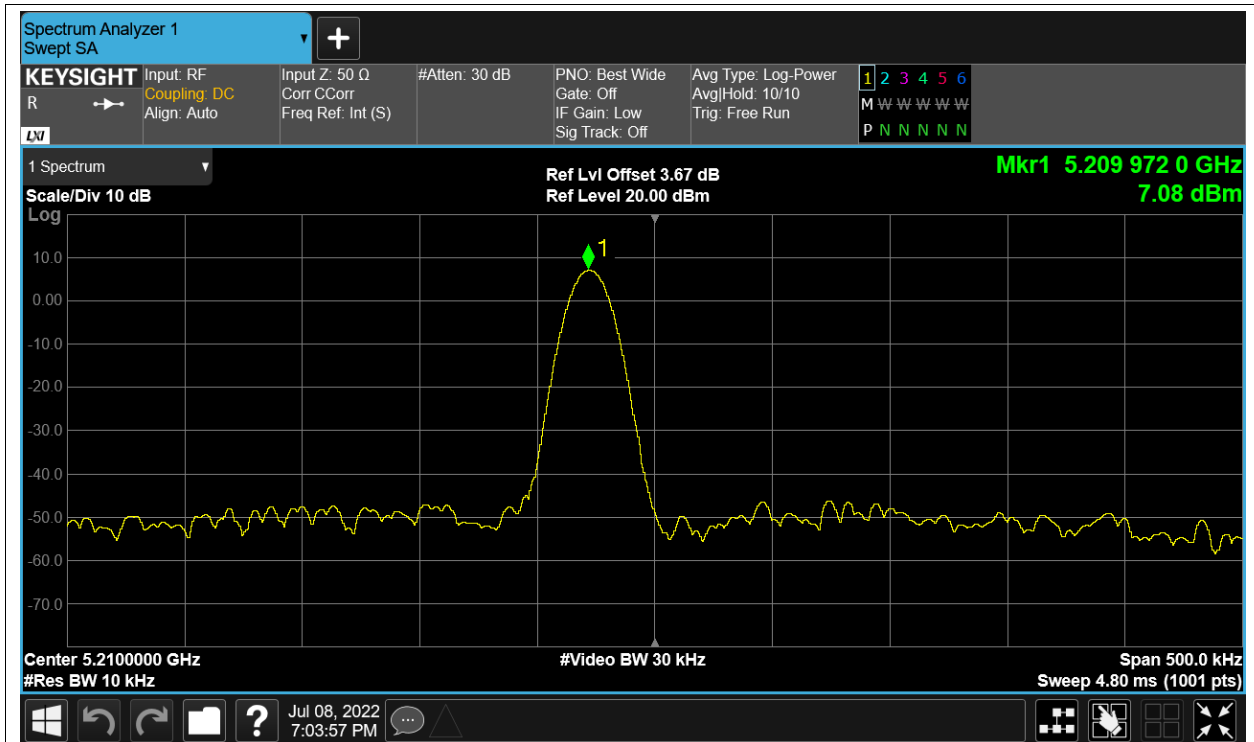
Freq. Stability HVNT ax80 5210MHz Sum



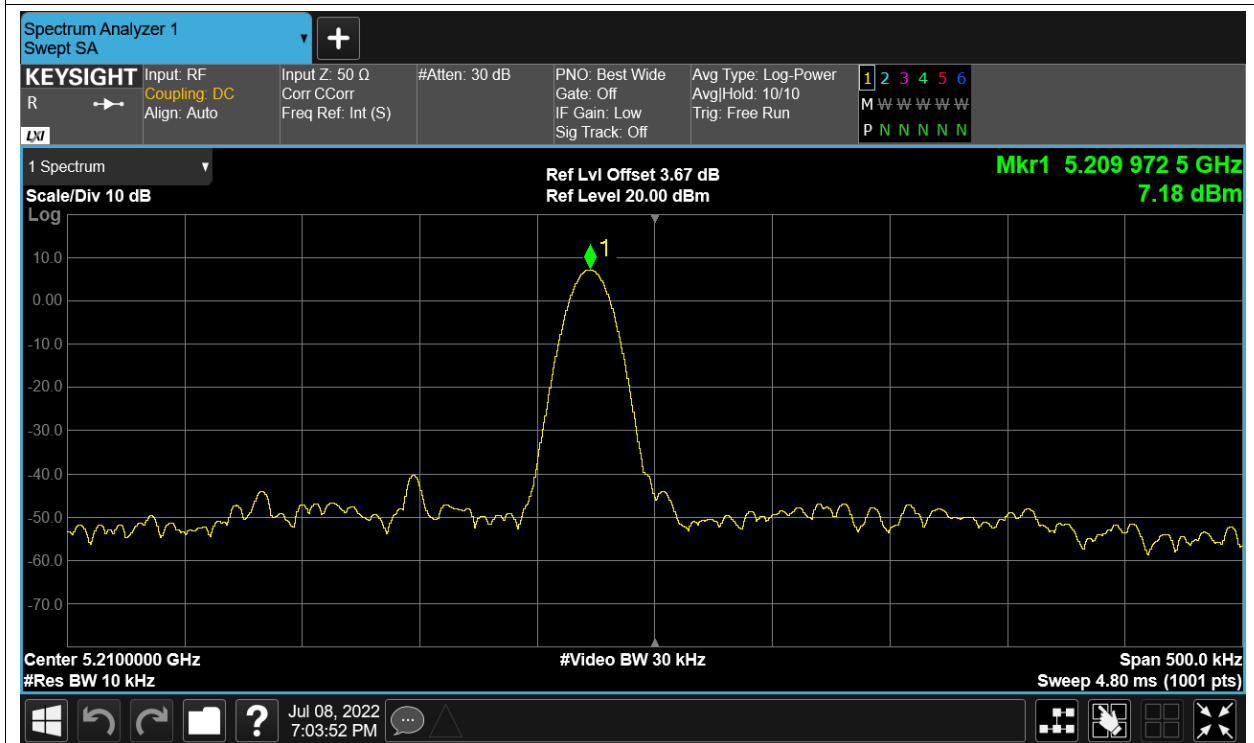
Freq. Stability LVNT ax80 5210MHz Sum



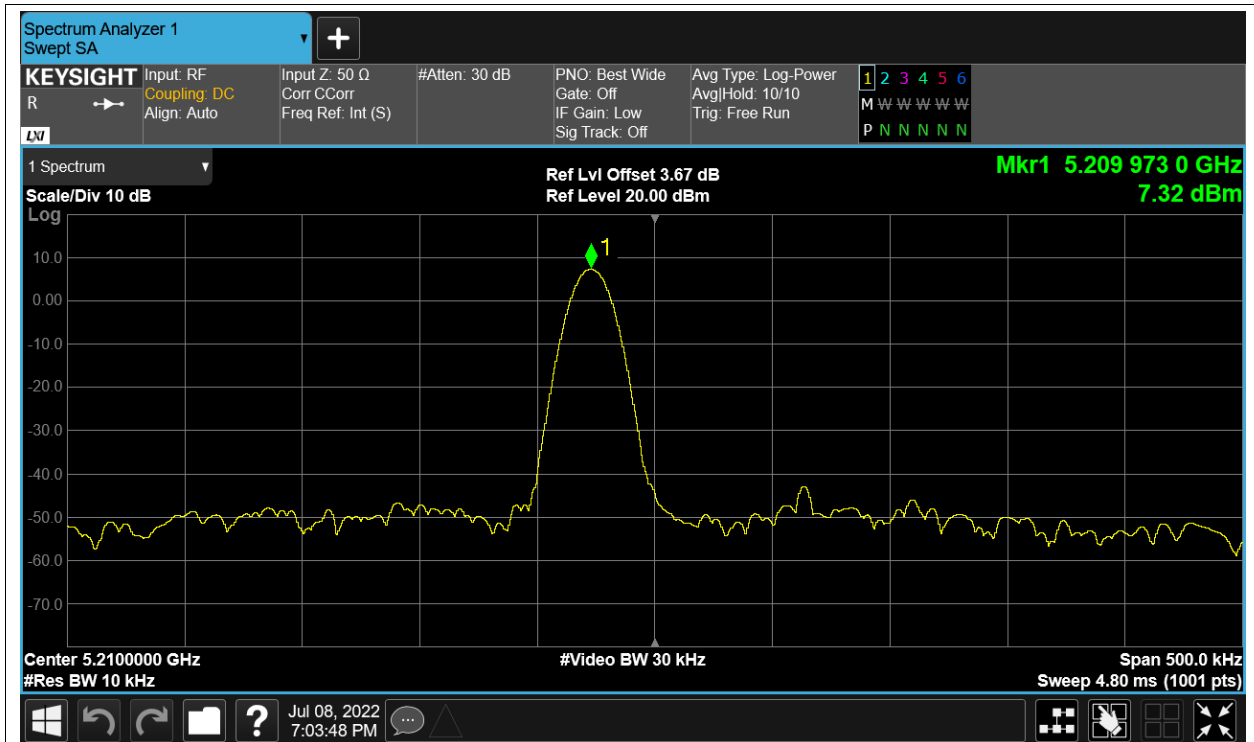
Freq. Stability NVHT ax80 5210MHz Sum



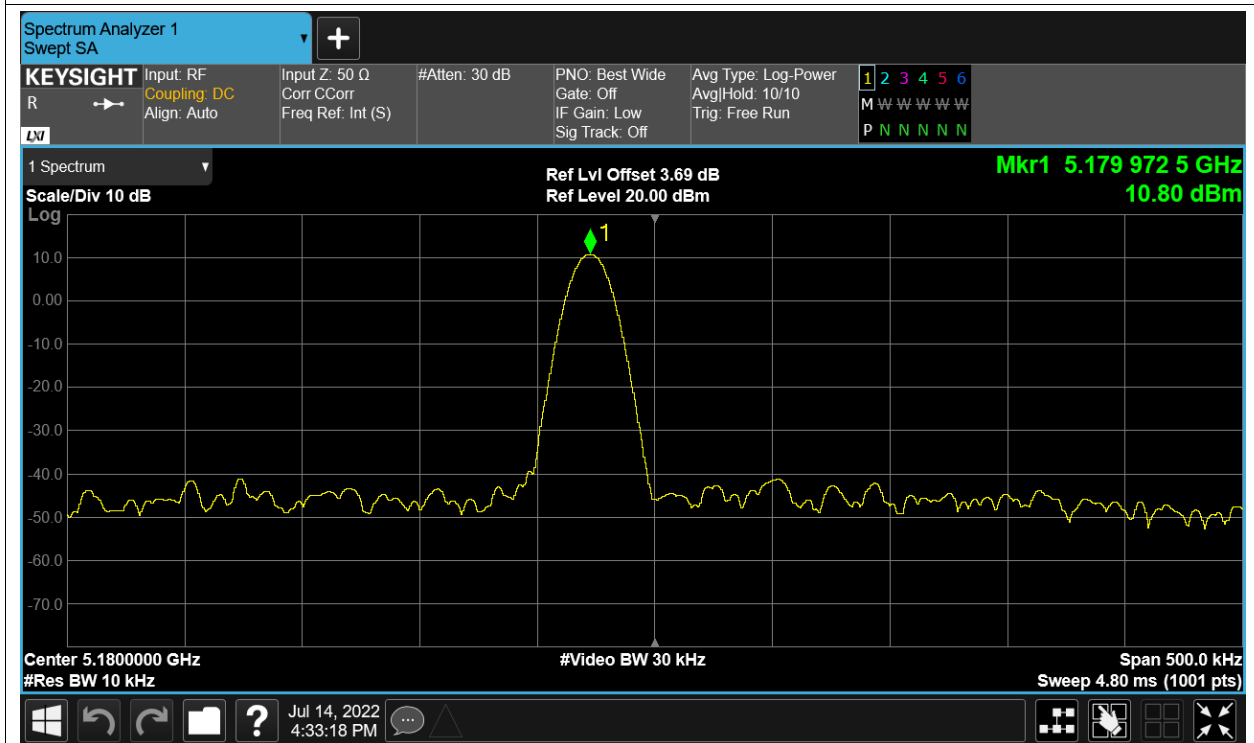
Freq. Stability NVLT ax80 5210MHz Sum



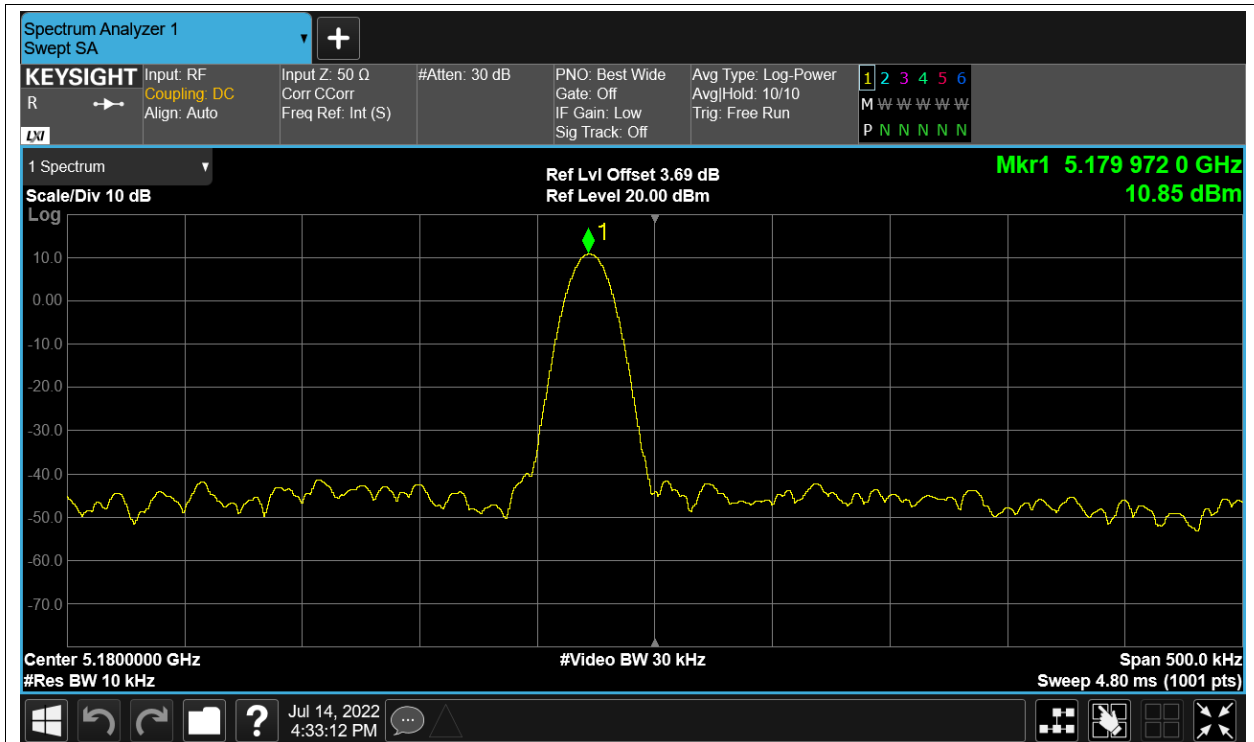
Freq. Stability NVNT ax80 5210MHz Sum



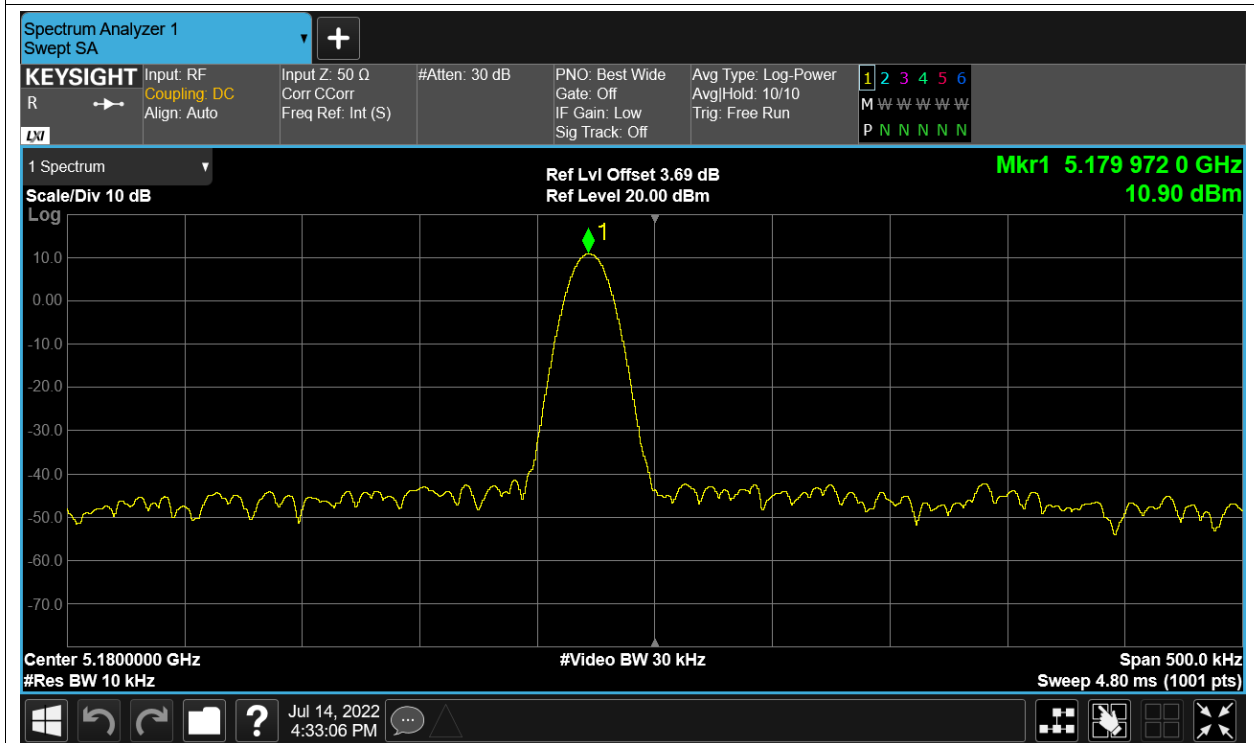
Freq. Stability HVNT n20 5180MHz Sum



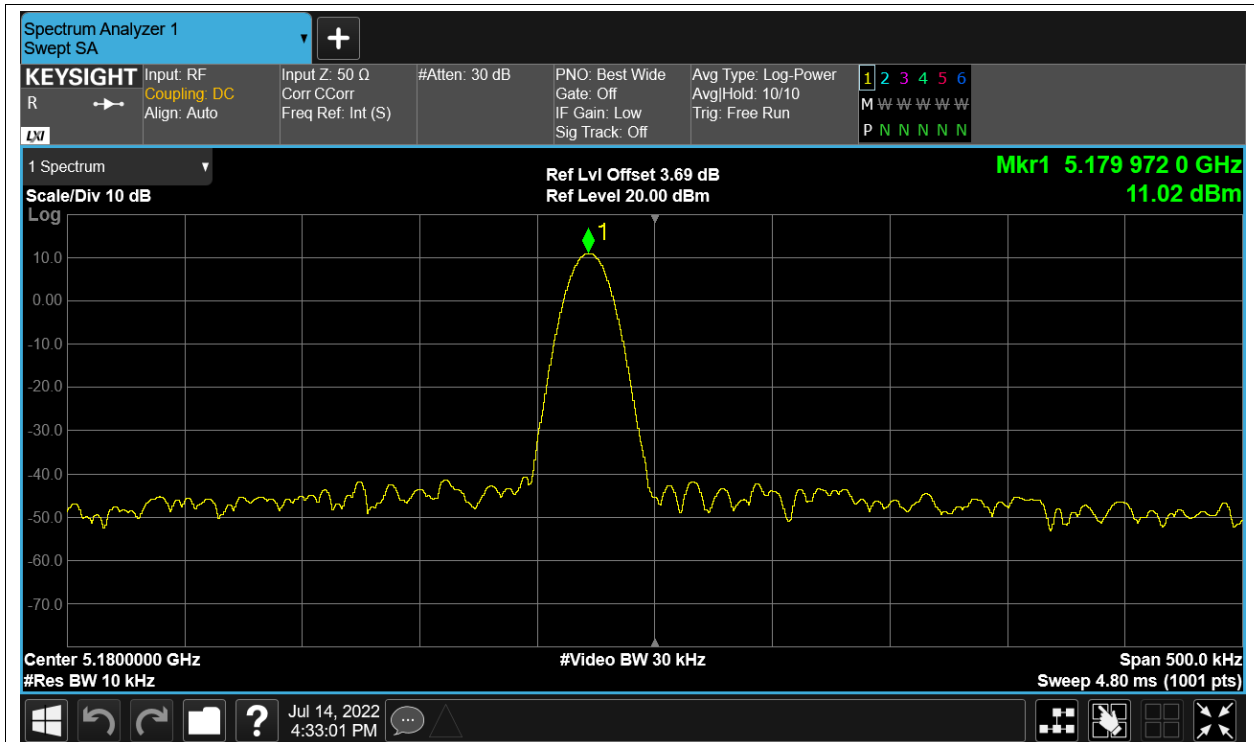
Freq. Stability LVNT n20 5180MHz Sum



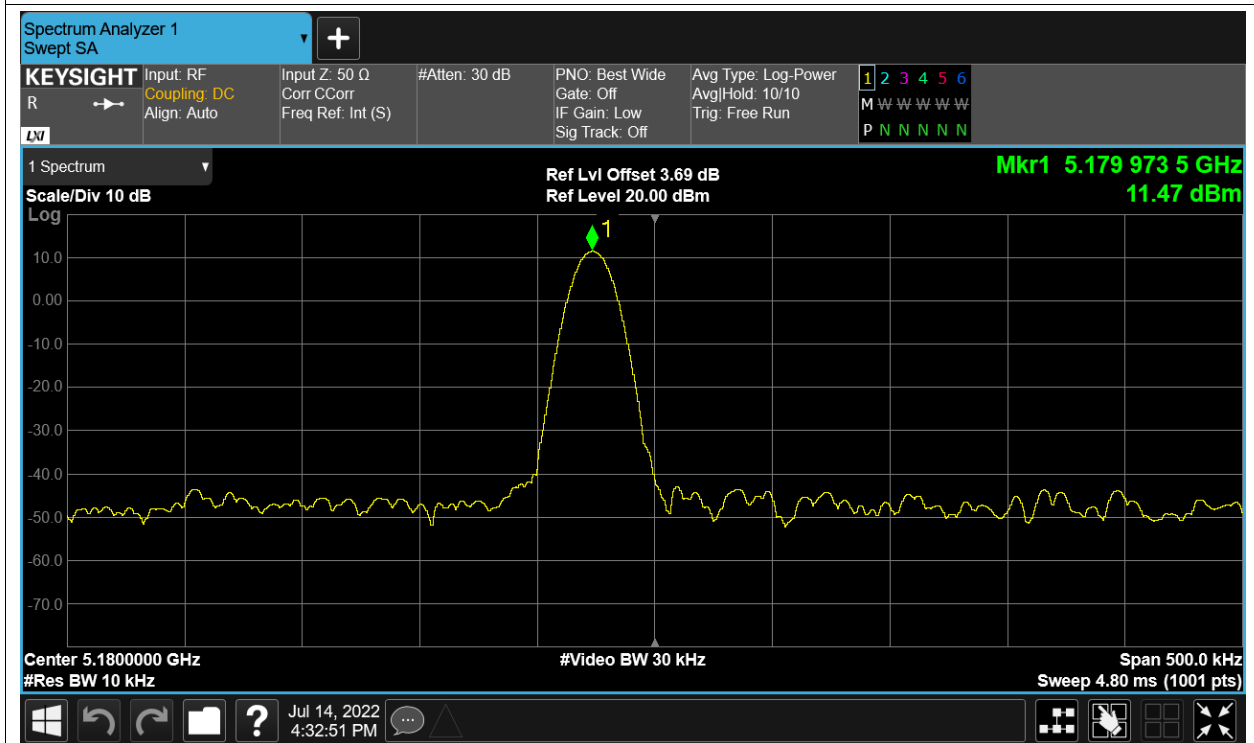
Freq. Stability NVHT n20 5180MHz Sum



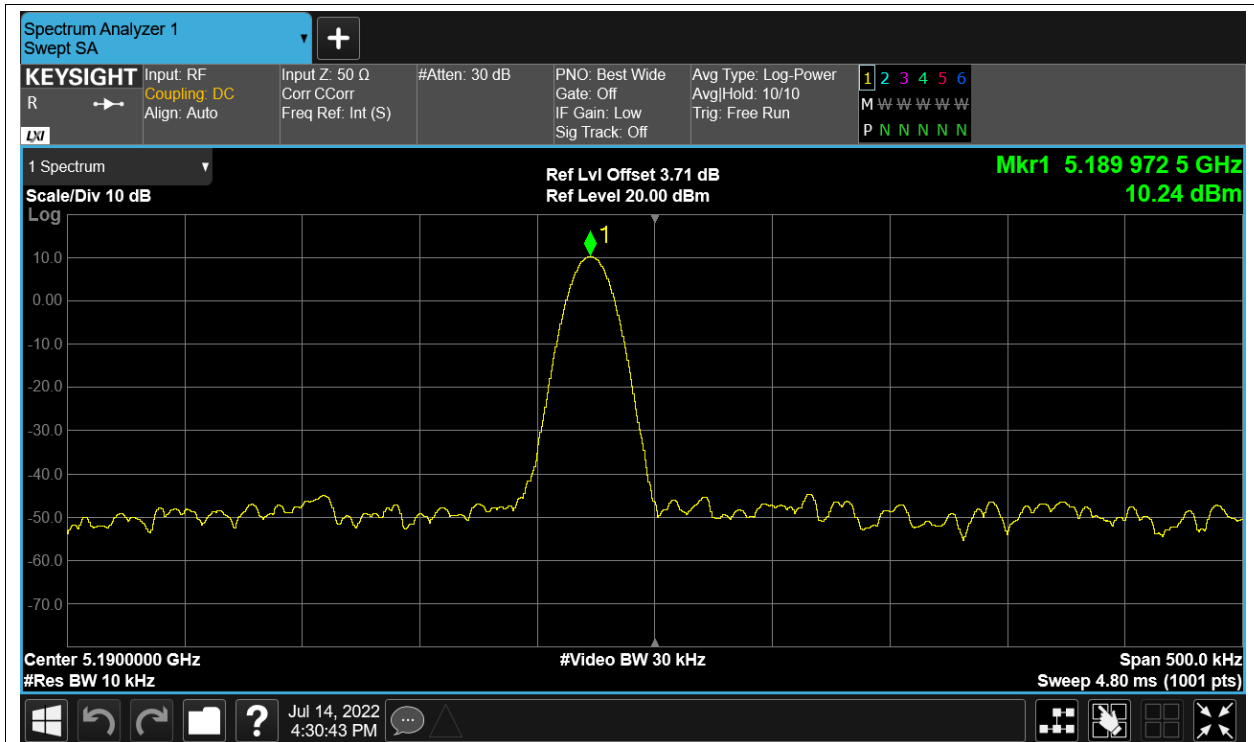
Freq. Stability NVLT n20 5180MHz Sum



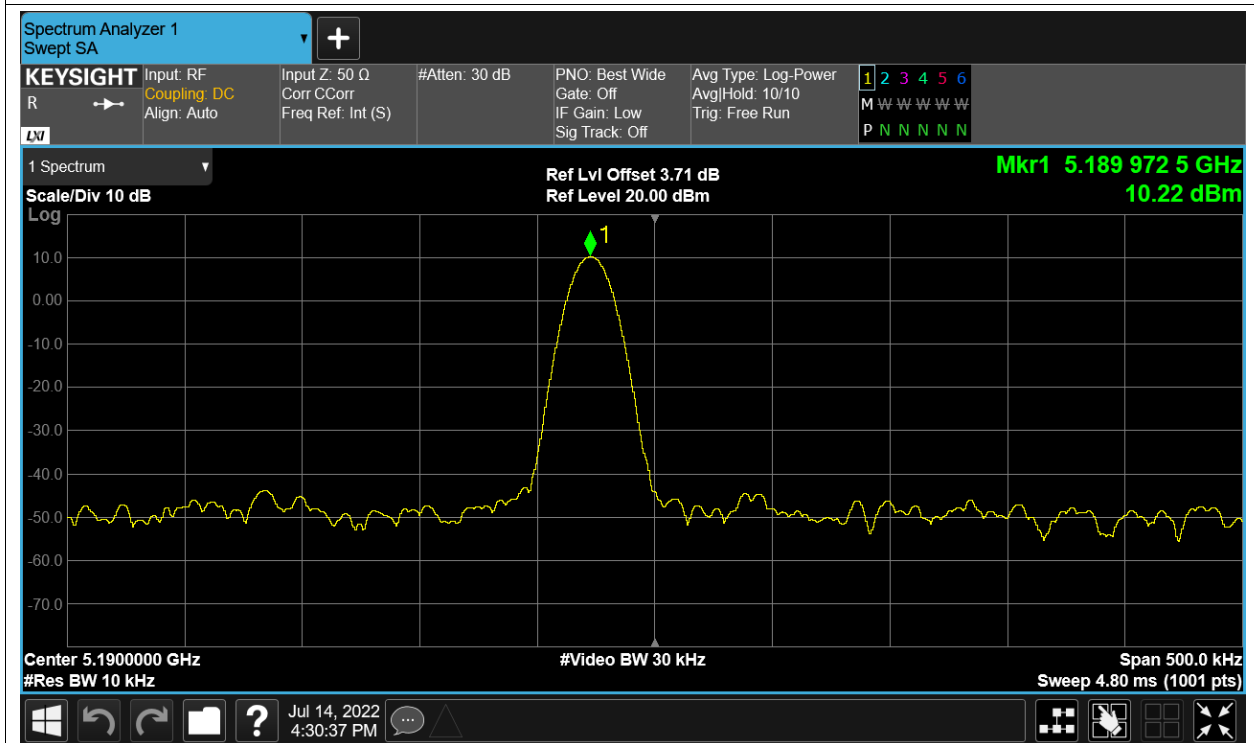
Freq. Stability NVNT n20 5180MHz Sum



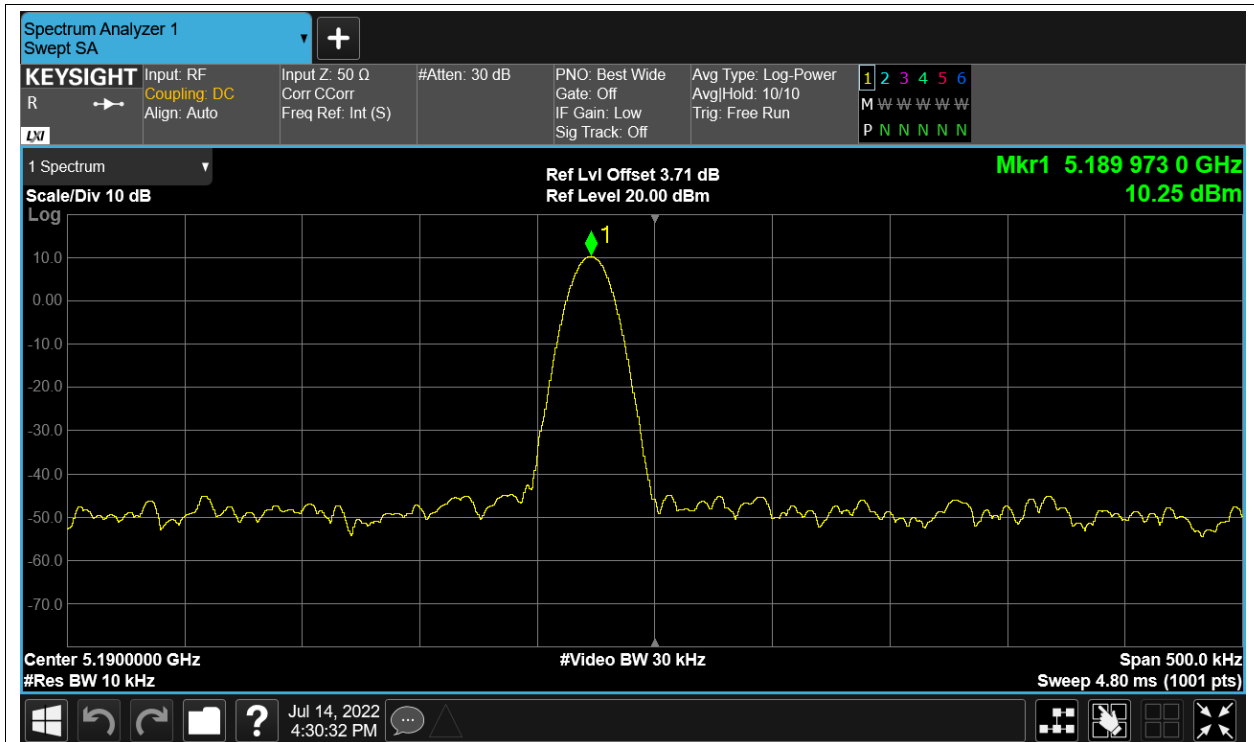
Freq. Stability HVNT n40 5190MHz Sum



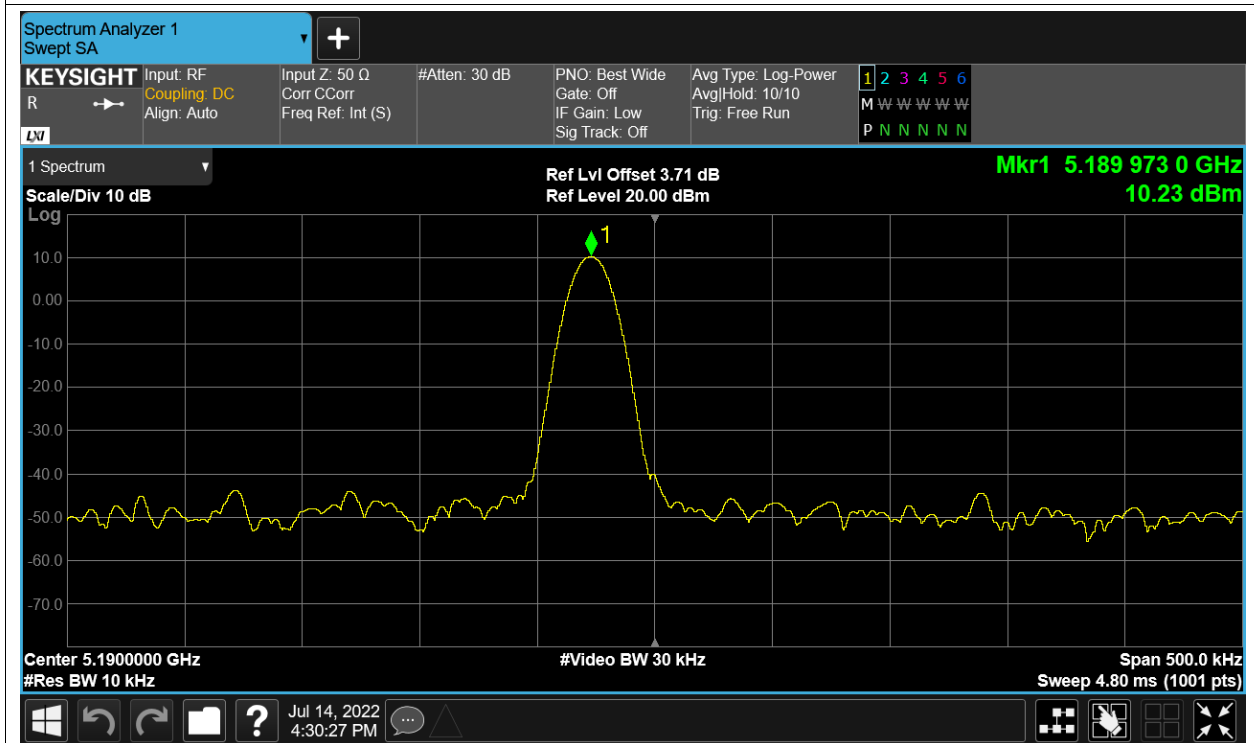
Freq. Stability LVNT n40 5190MHz Sum



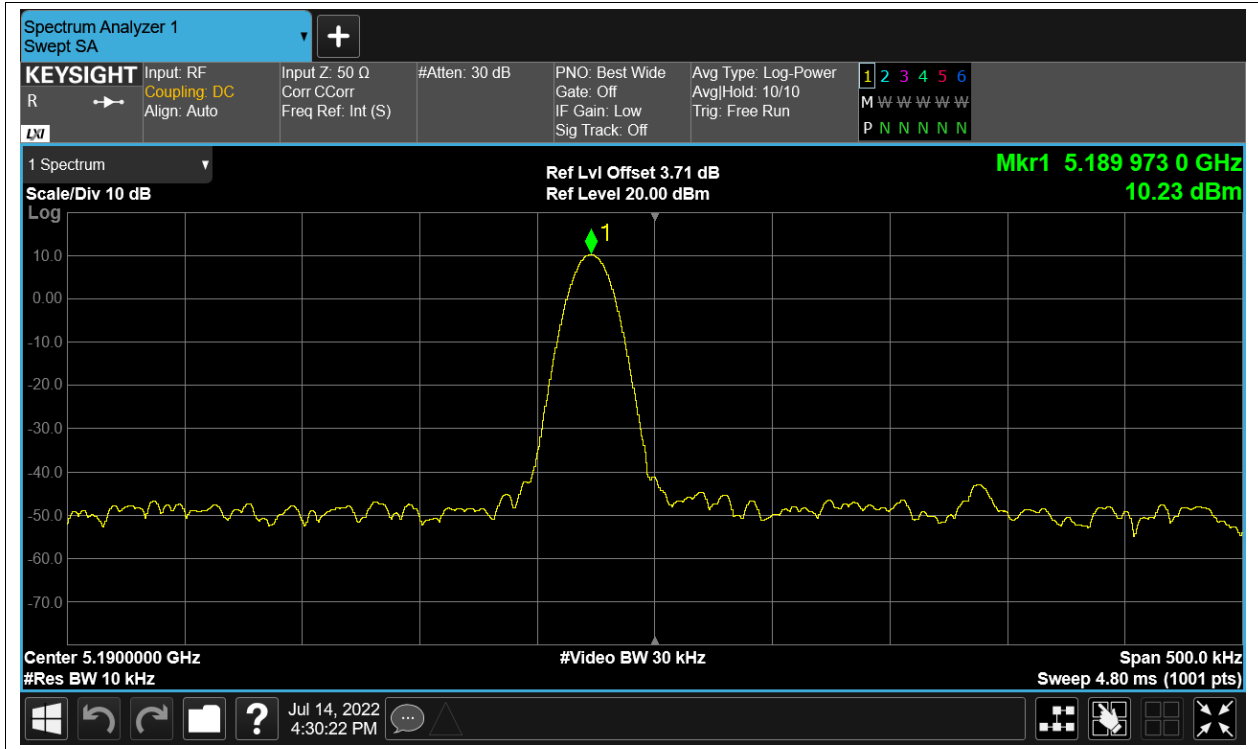
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



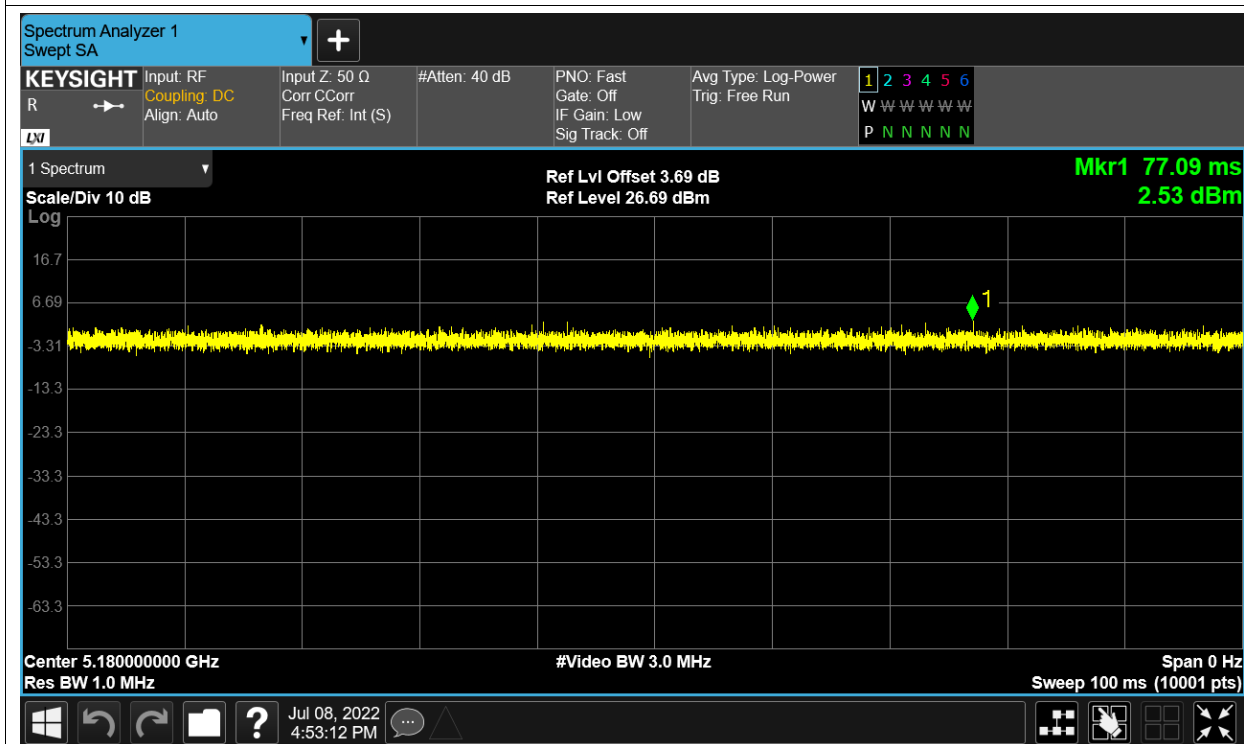
Freq. Stability NVNT n40 5190MHz Sum



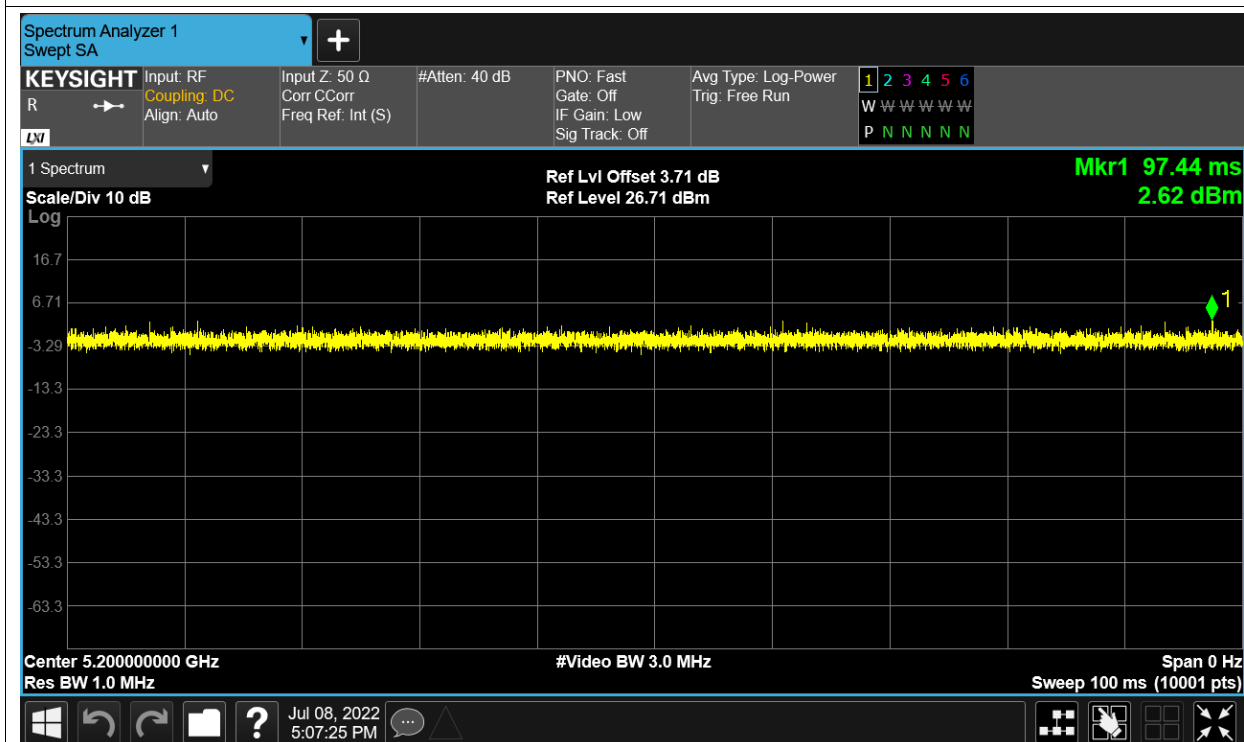
Duty Cycle

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

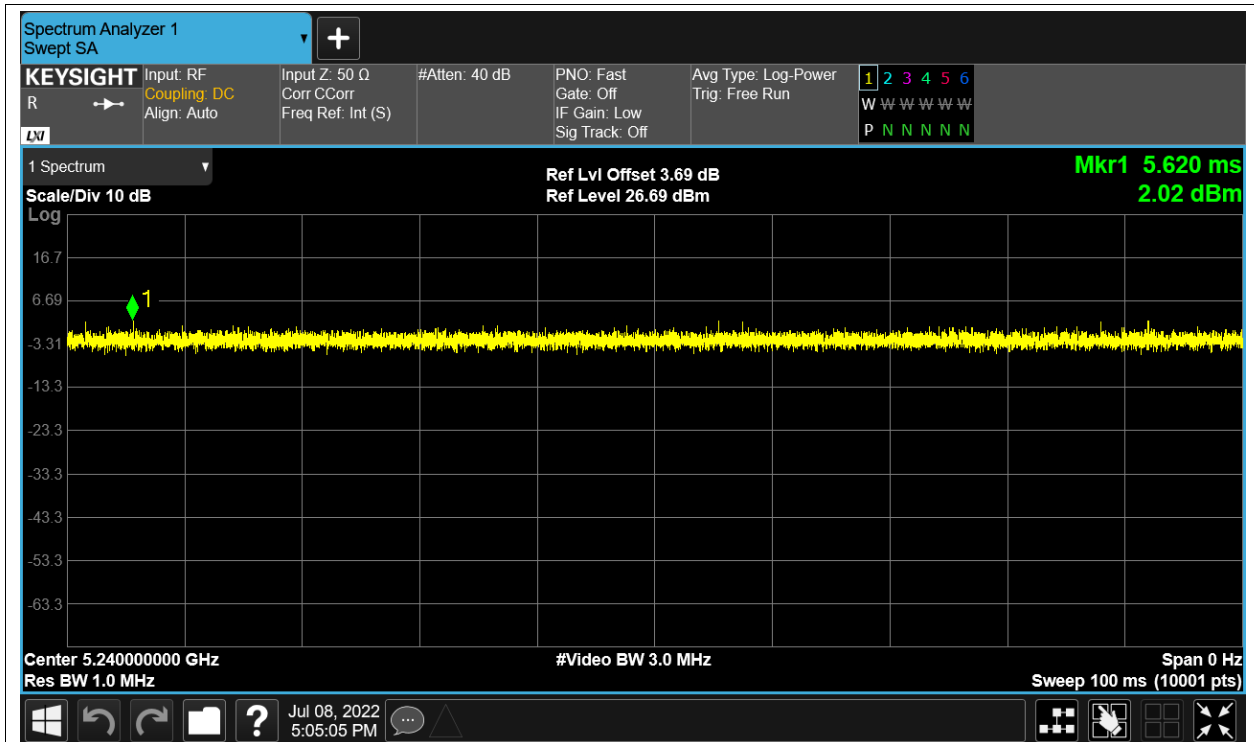
Duty Cycle NVNT a 5180MHz Ant1



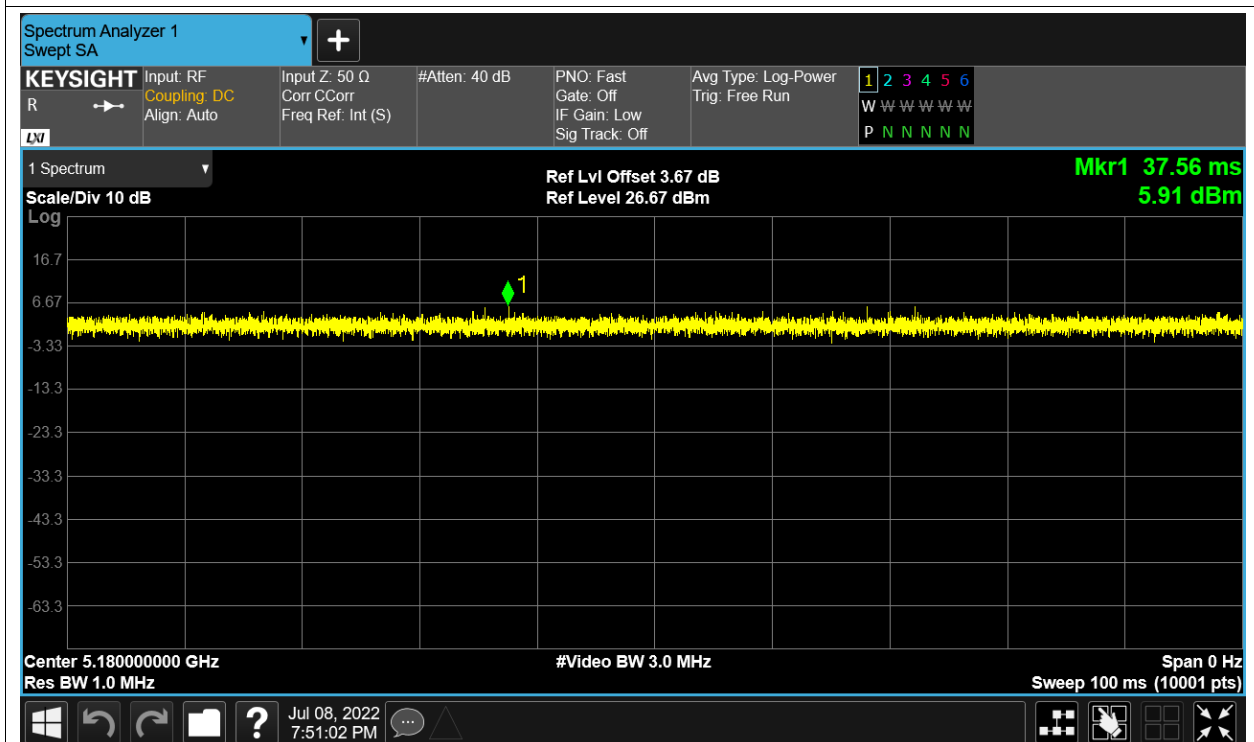
Duty Cycle NVNT a 5200MHz Ant1



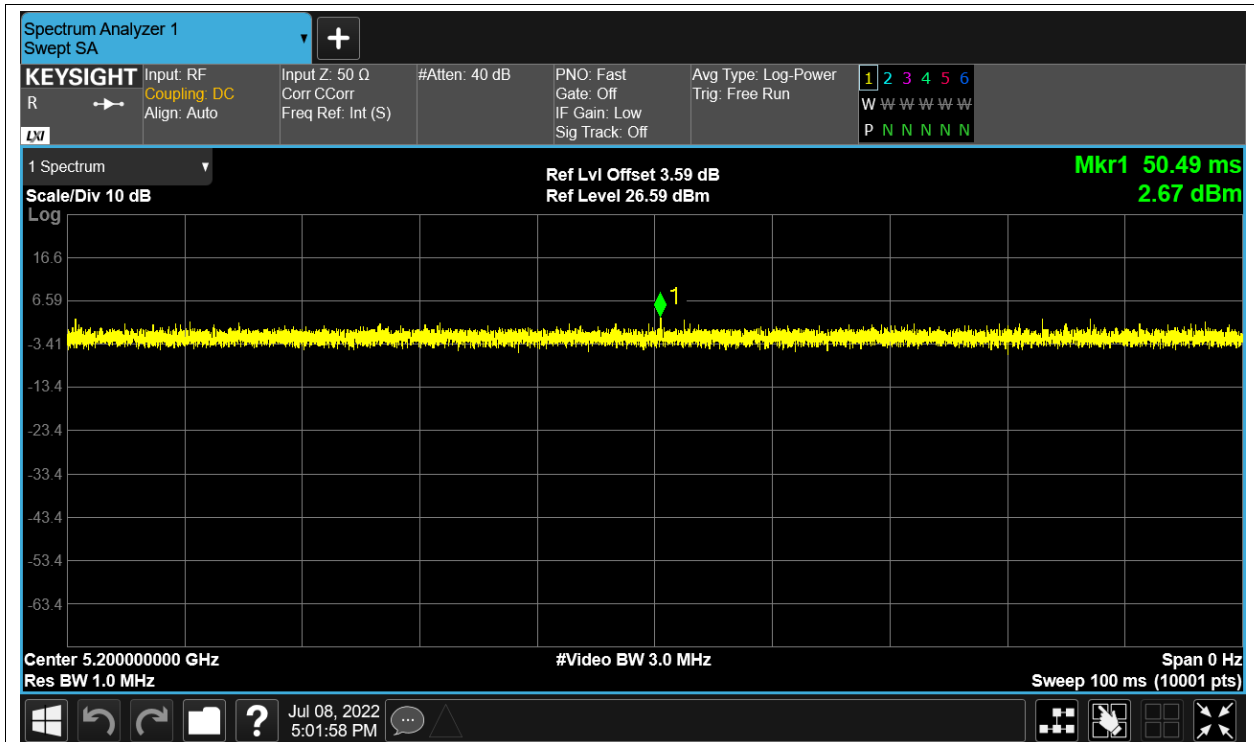
Duty Cycle NVNT a 5240MHz Ant1



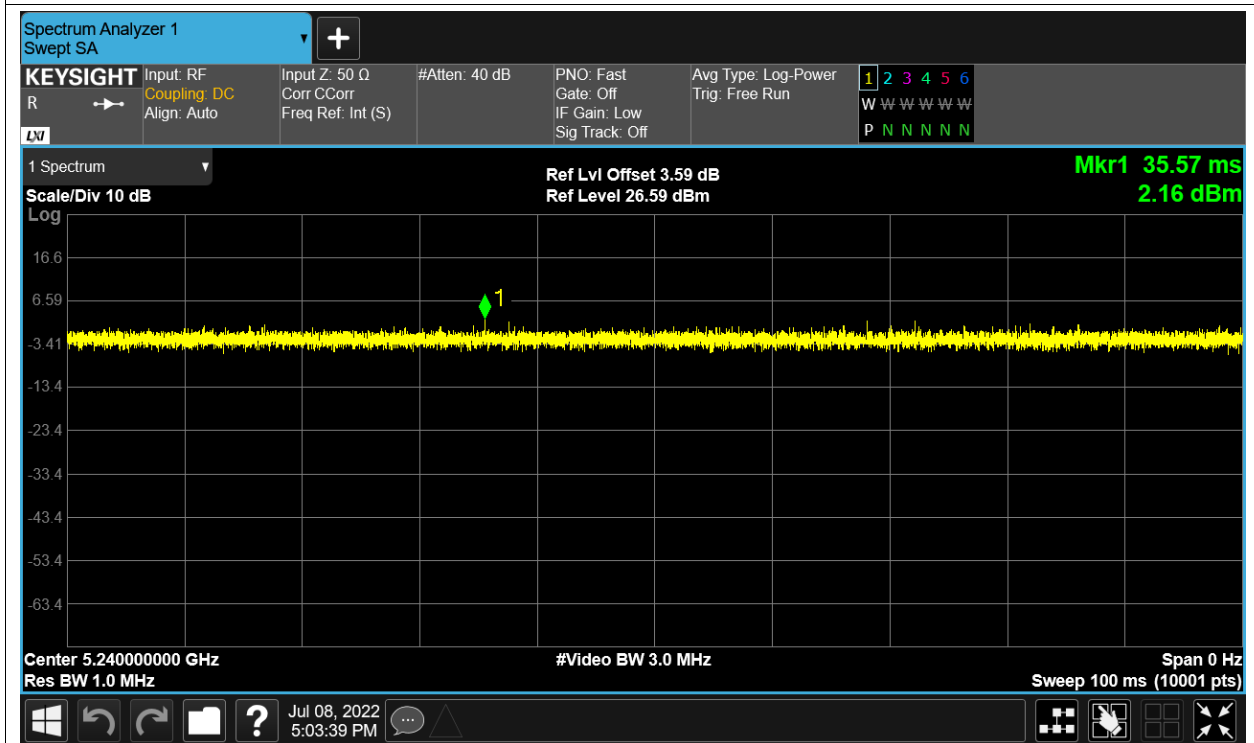
Duty Cycle NVNT a 5180MHz Ant2



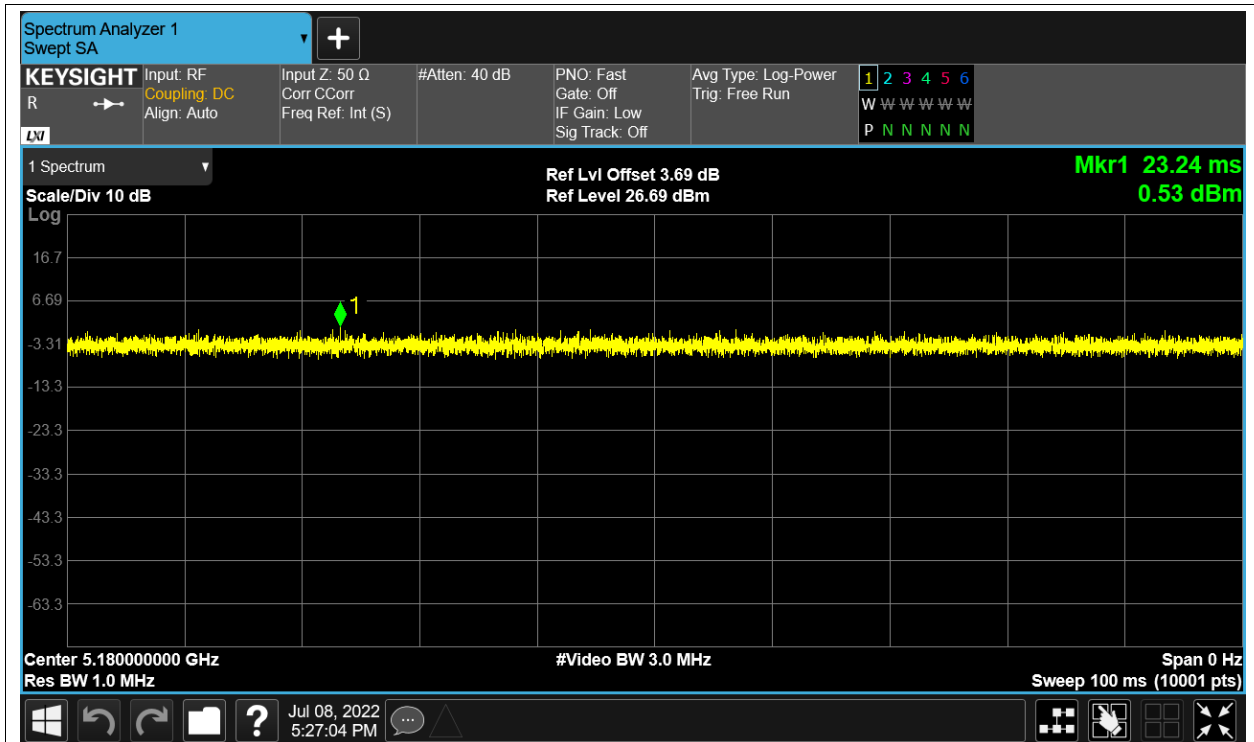
Duty Cycle NVNT a 5200MHz Ant2



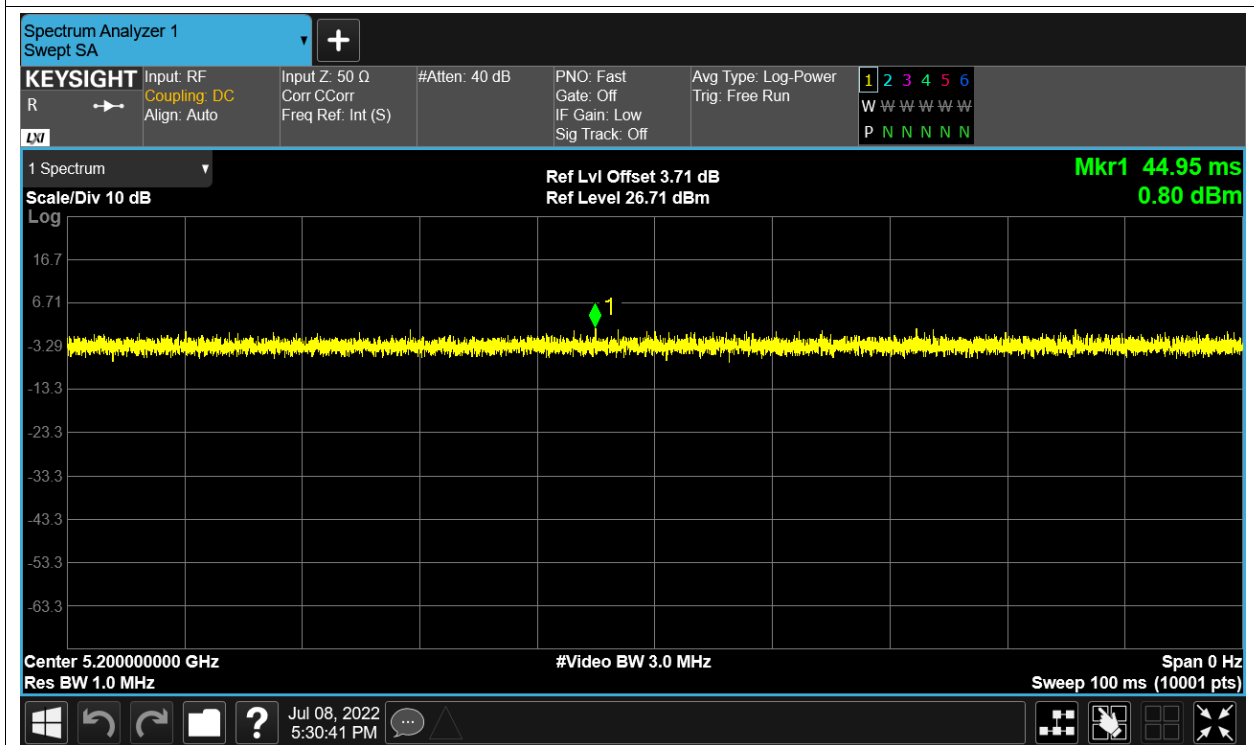
Duty Cycle NVNT a 5240MHz Ant2



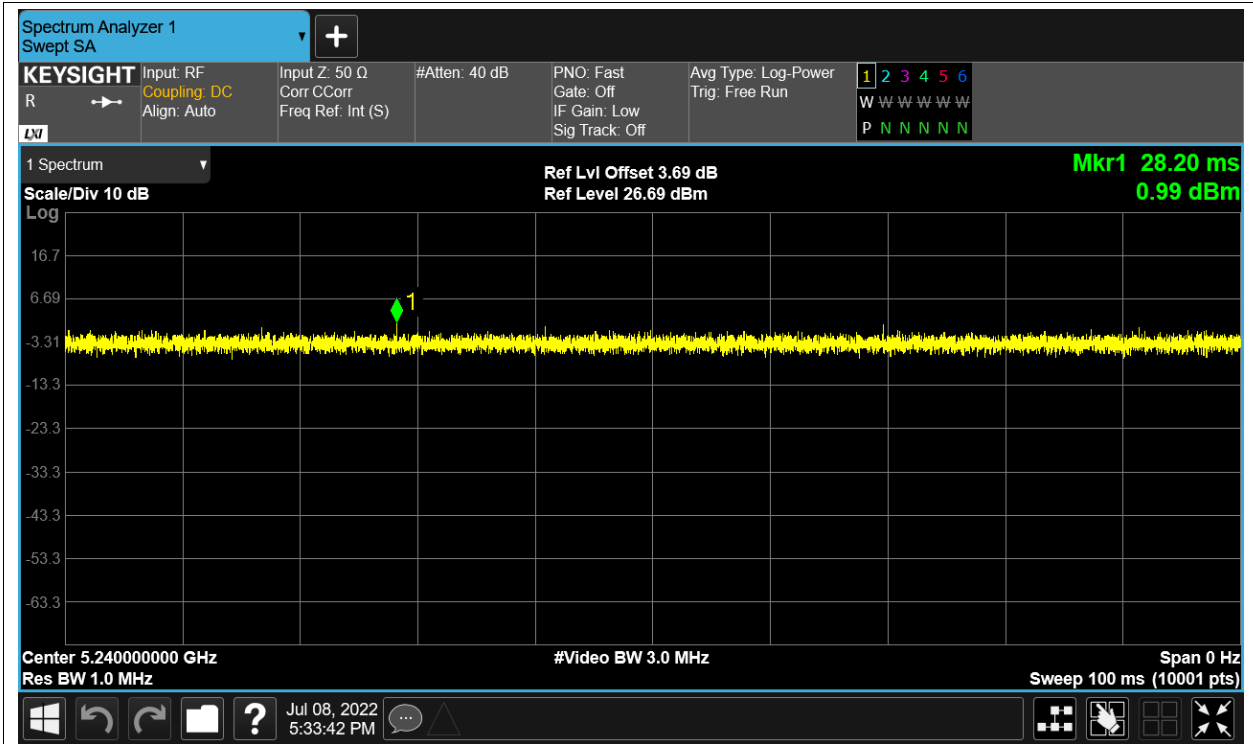
Duty Cycle NVNT ac20 5180MHz Sum



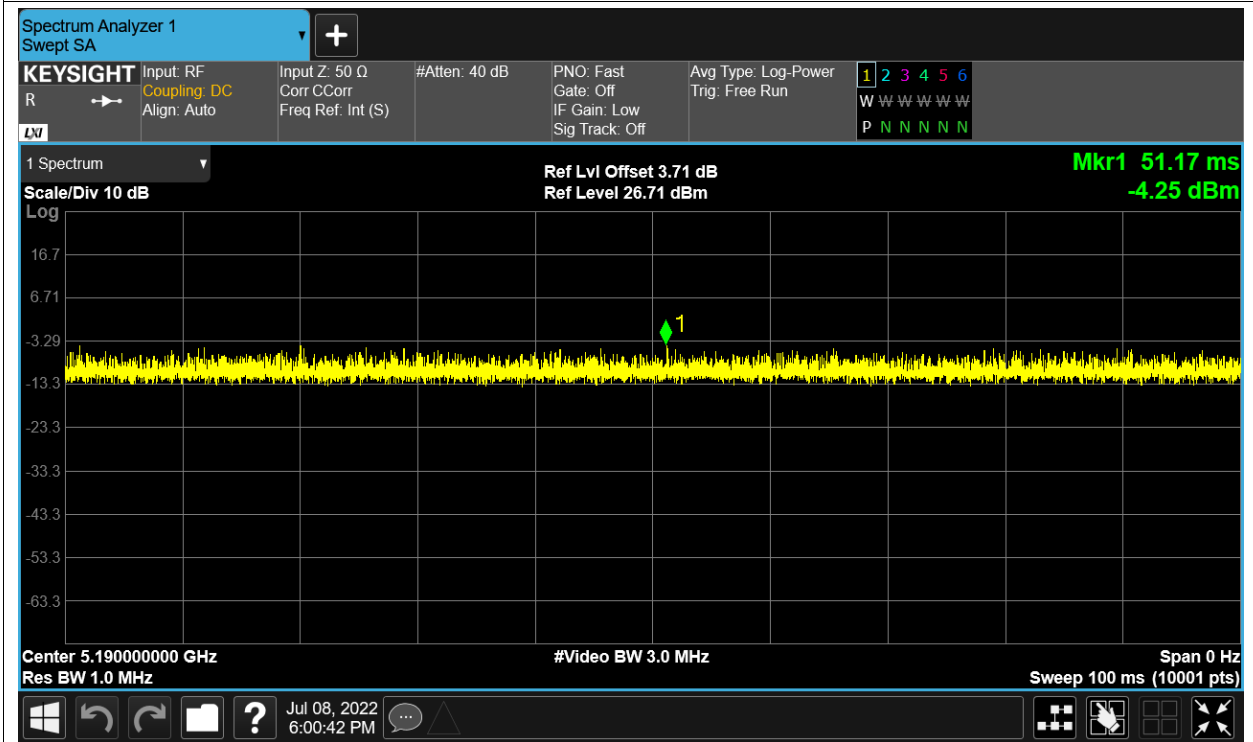
Duty Cycle NVNT ac20 5200MHz Sum



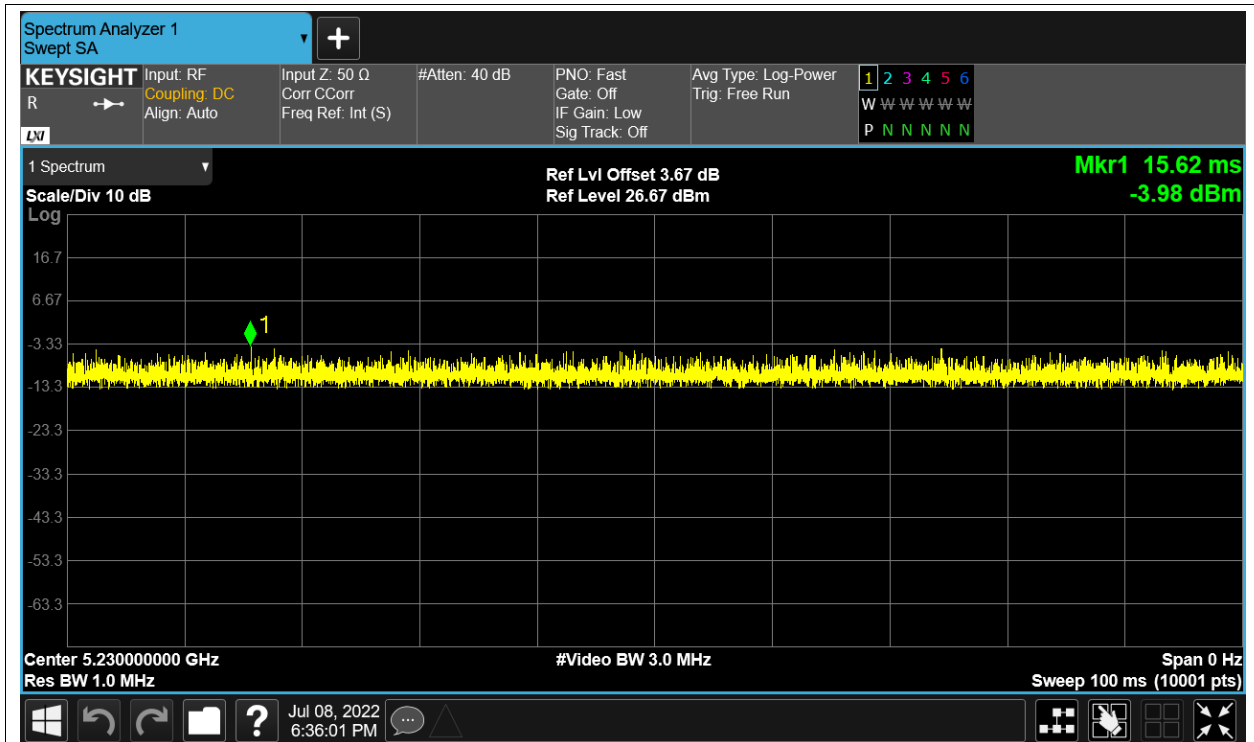
Duty Cycle NVNT ac20 5240MHz Sum



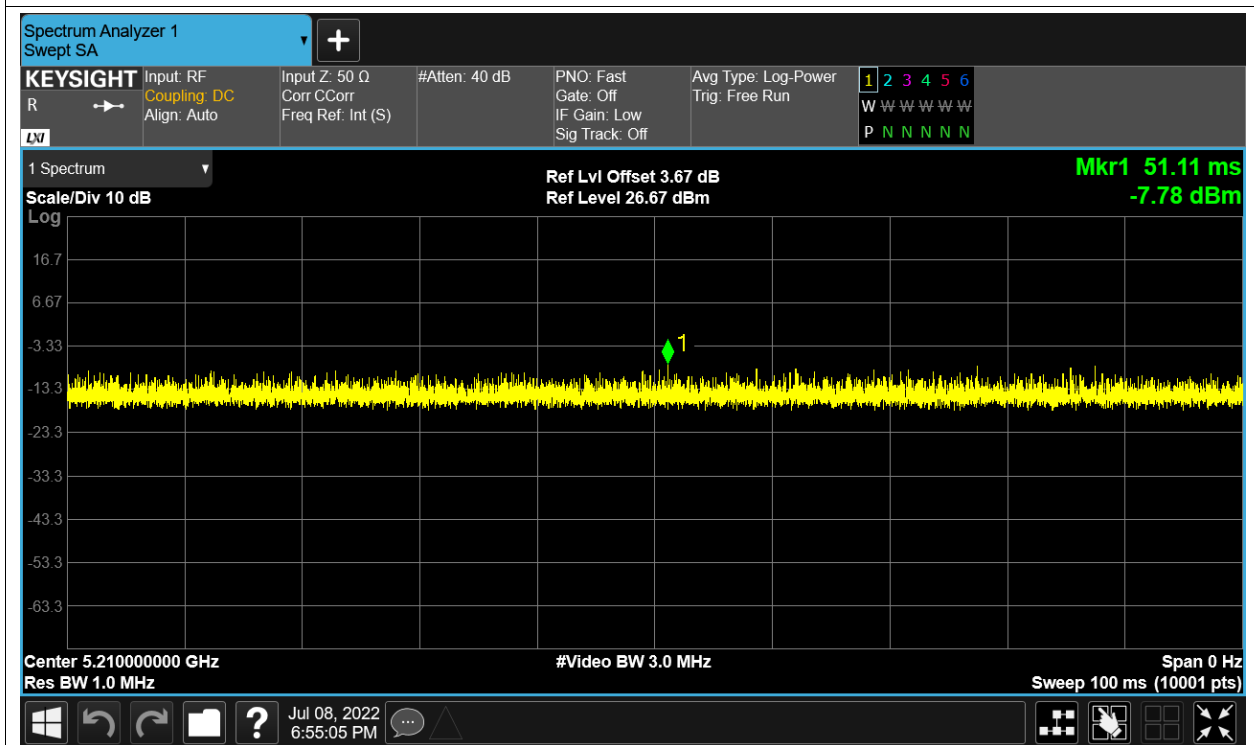
Duty Cycle NVNT ac40 5190MHz Sum



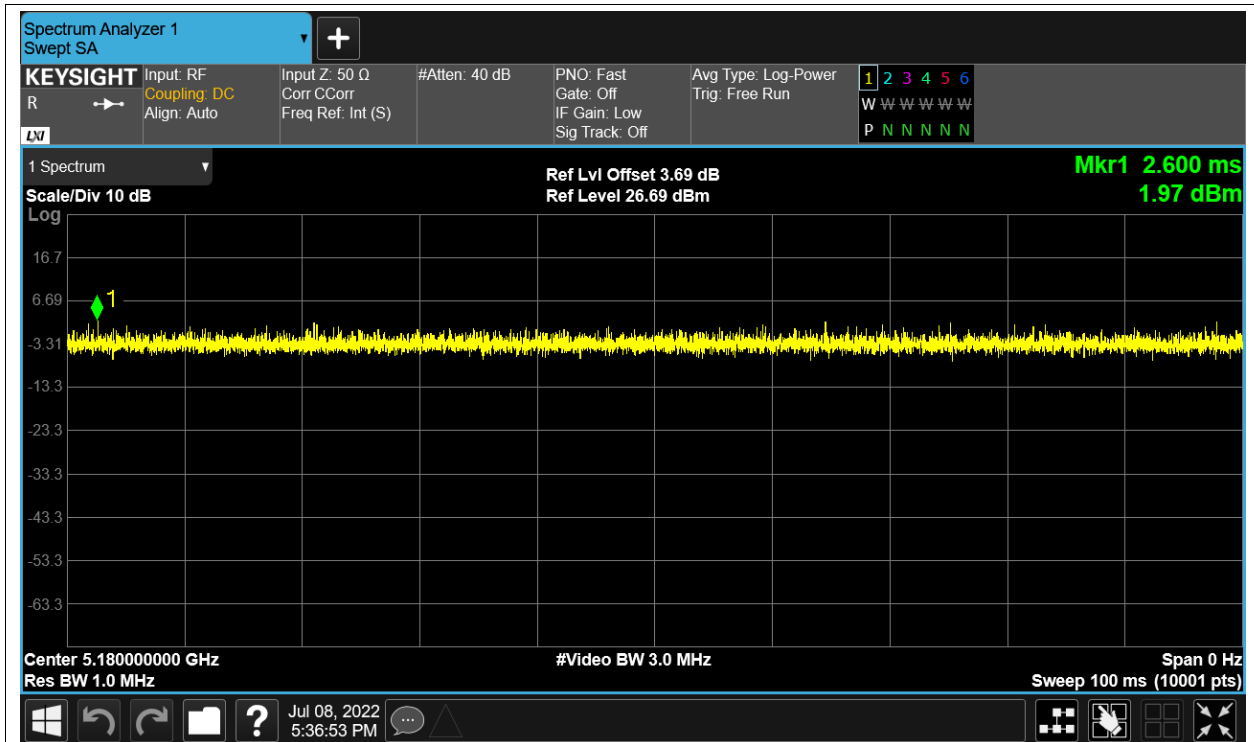
Duty Cycle NVNT ac40 5230MHz Sum



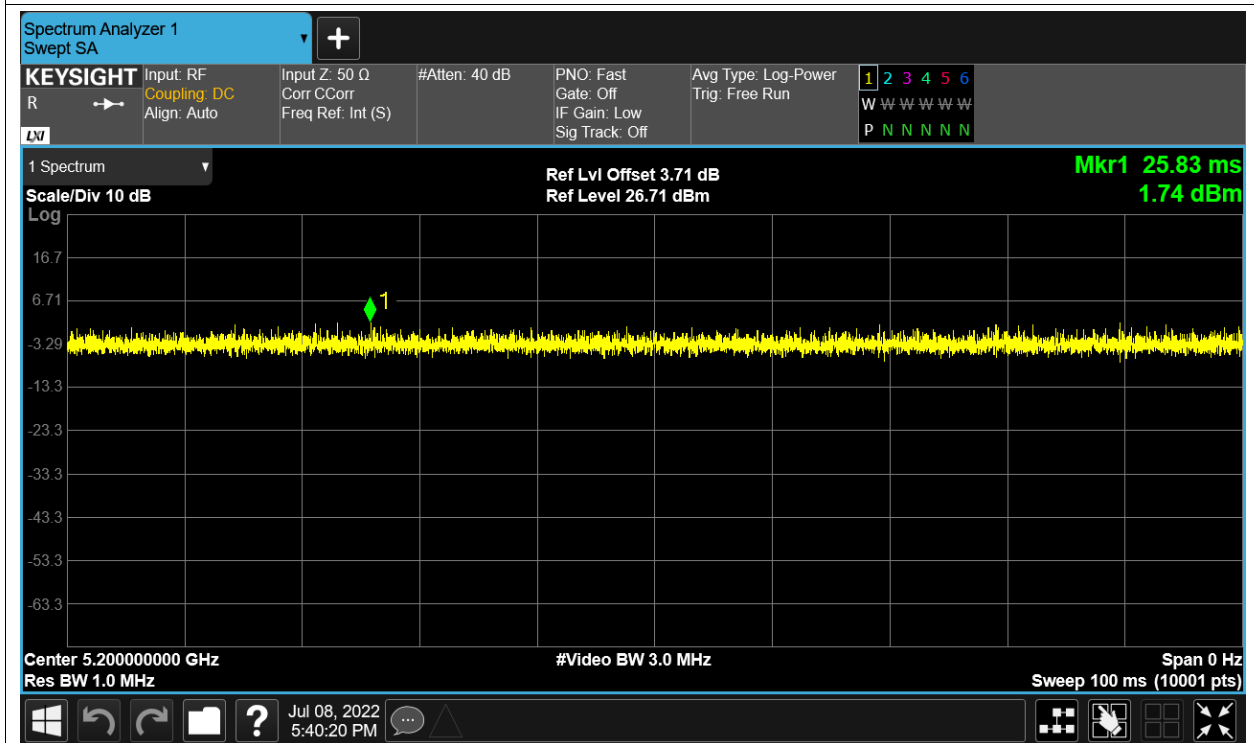
Duty Cycle NVNT ac80 5210MHz Sum



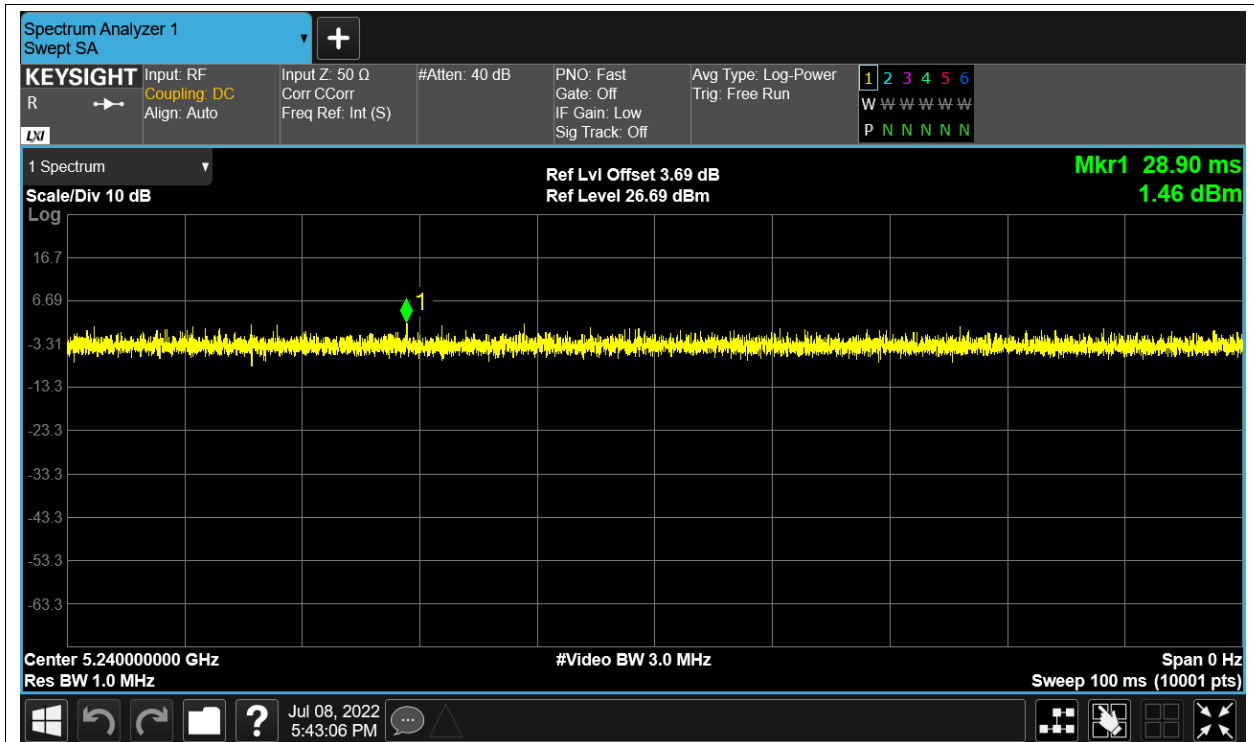
Duty Cycle NVNT ax20 5180MHz Sum



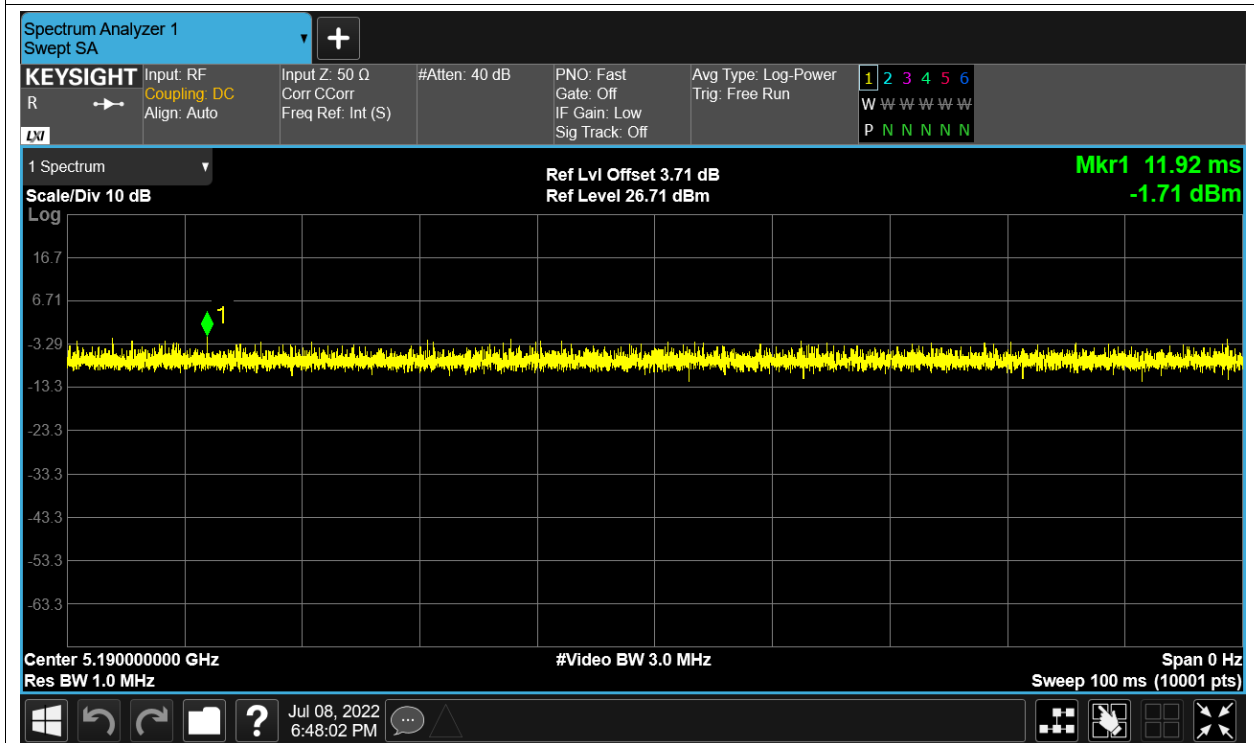
Duty Cycle NVNT ax20 5200MHz Sum



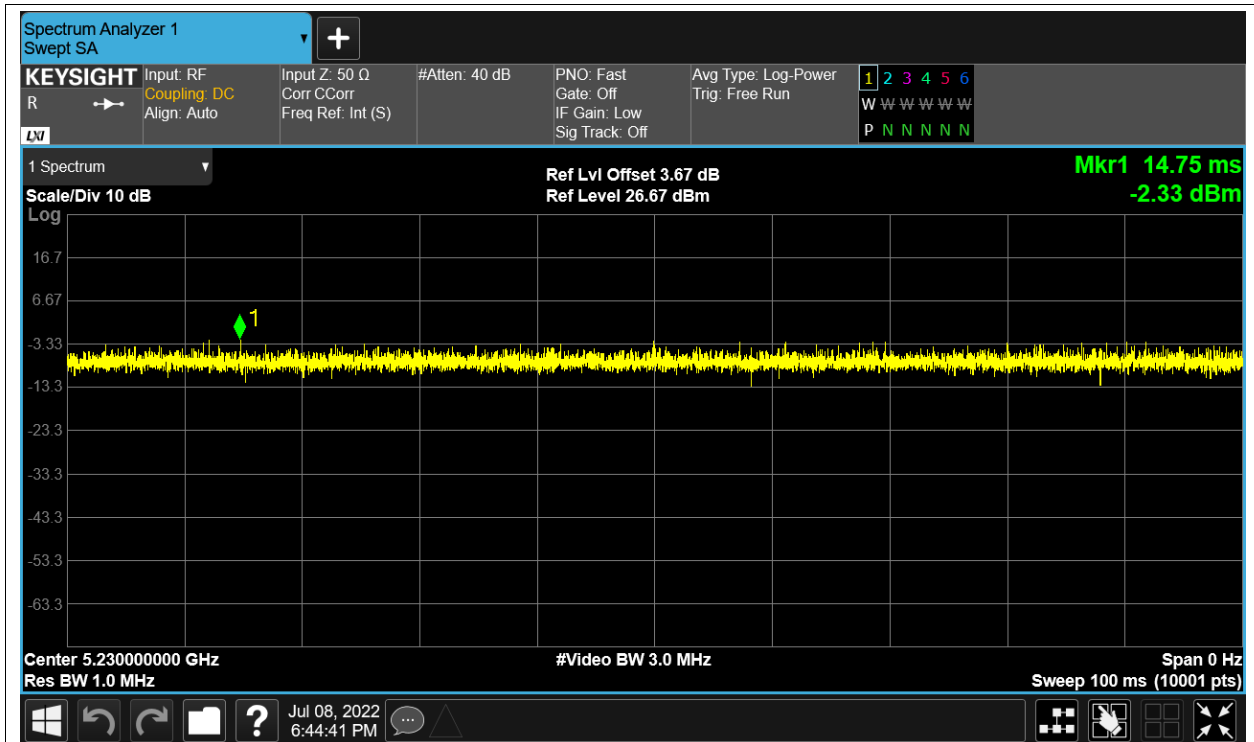
Duty Cycle NVNT ax20 5240MHz Sum



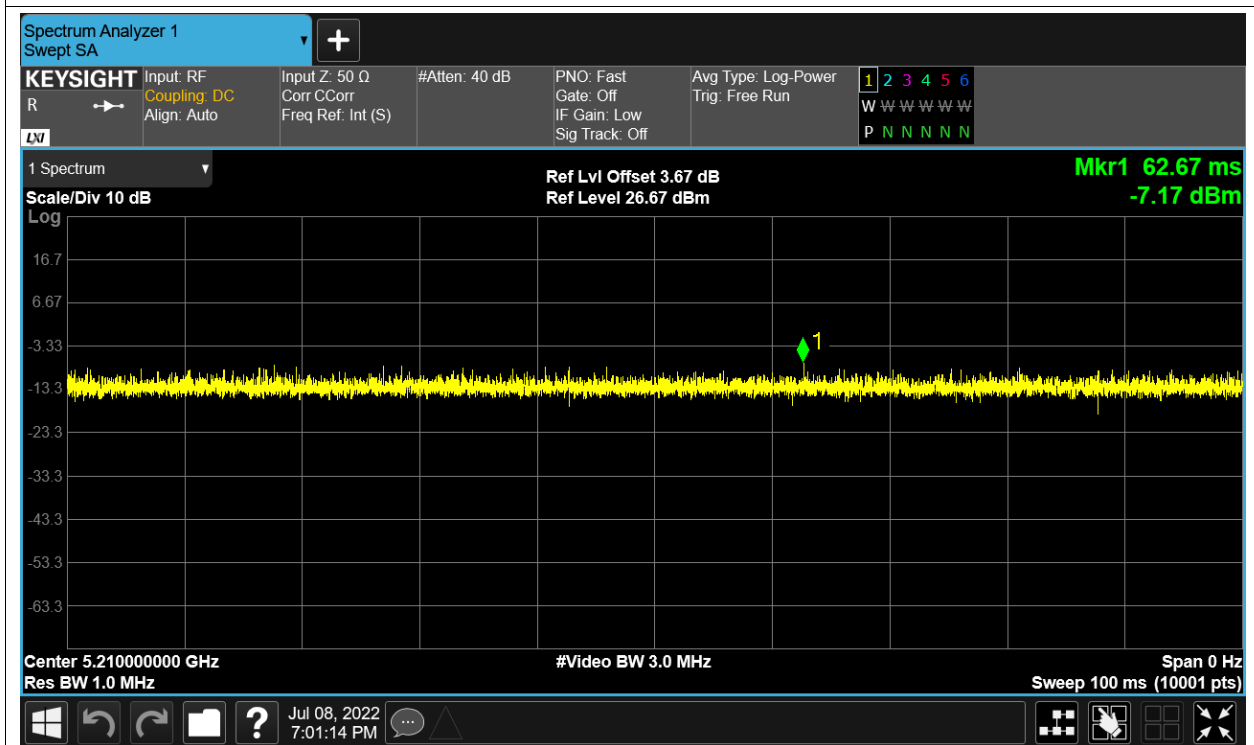
Duty Cycle NVNT ax40 5190MHz Sum



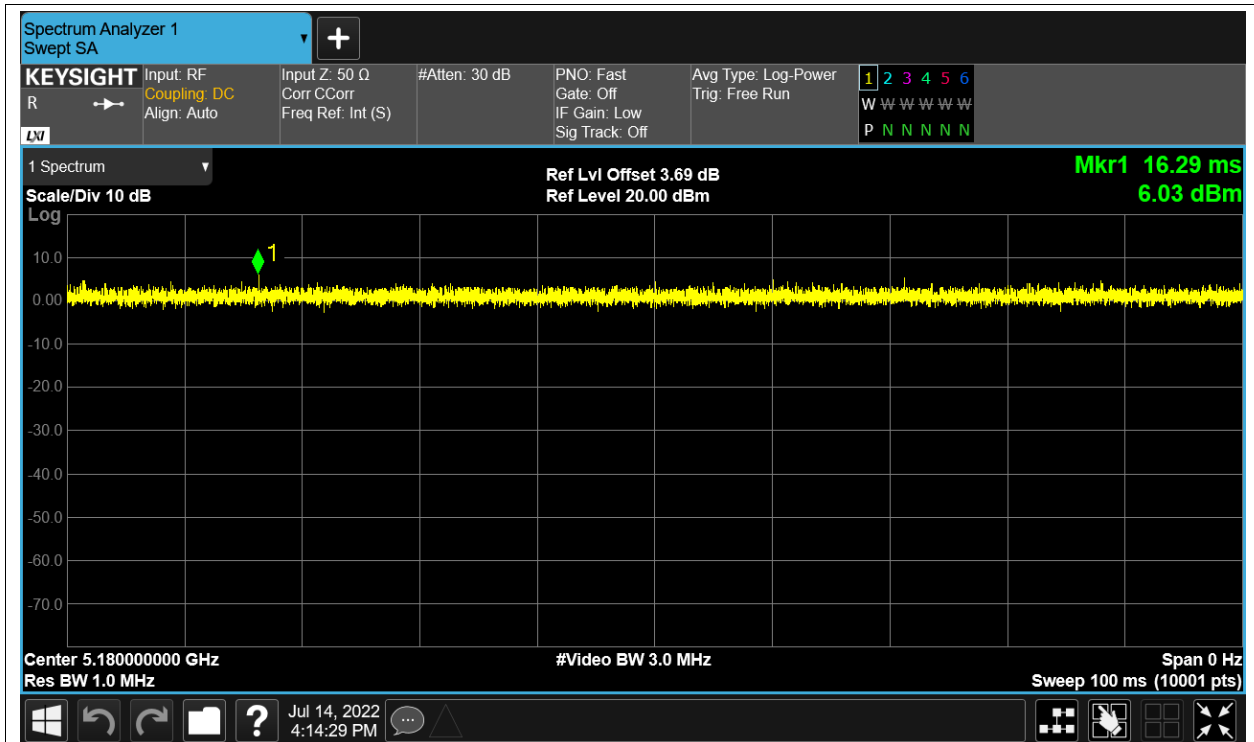
Duty Cycle NVNT ax40 5230MHz Sum



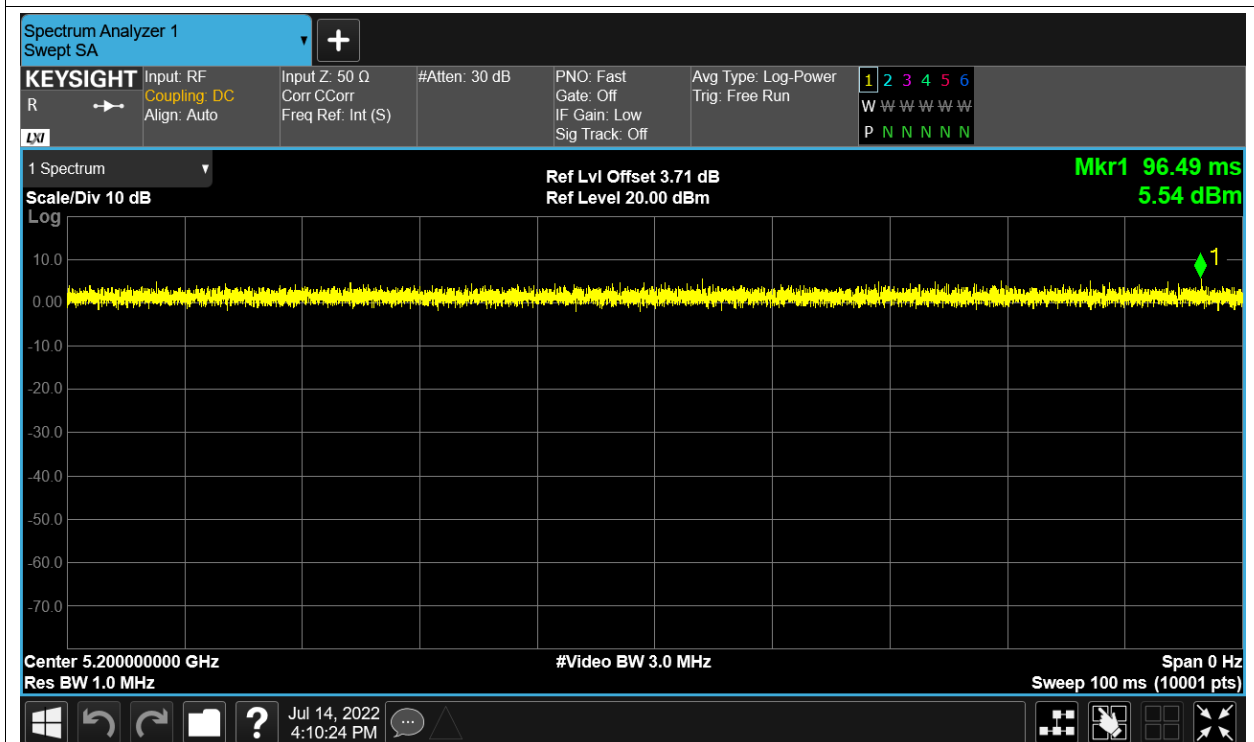
Duty Cycle NVNT ax80 5210MHz Sum



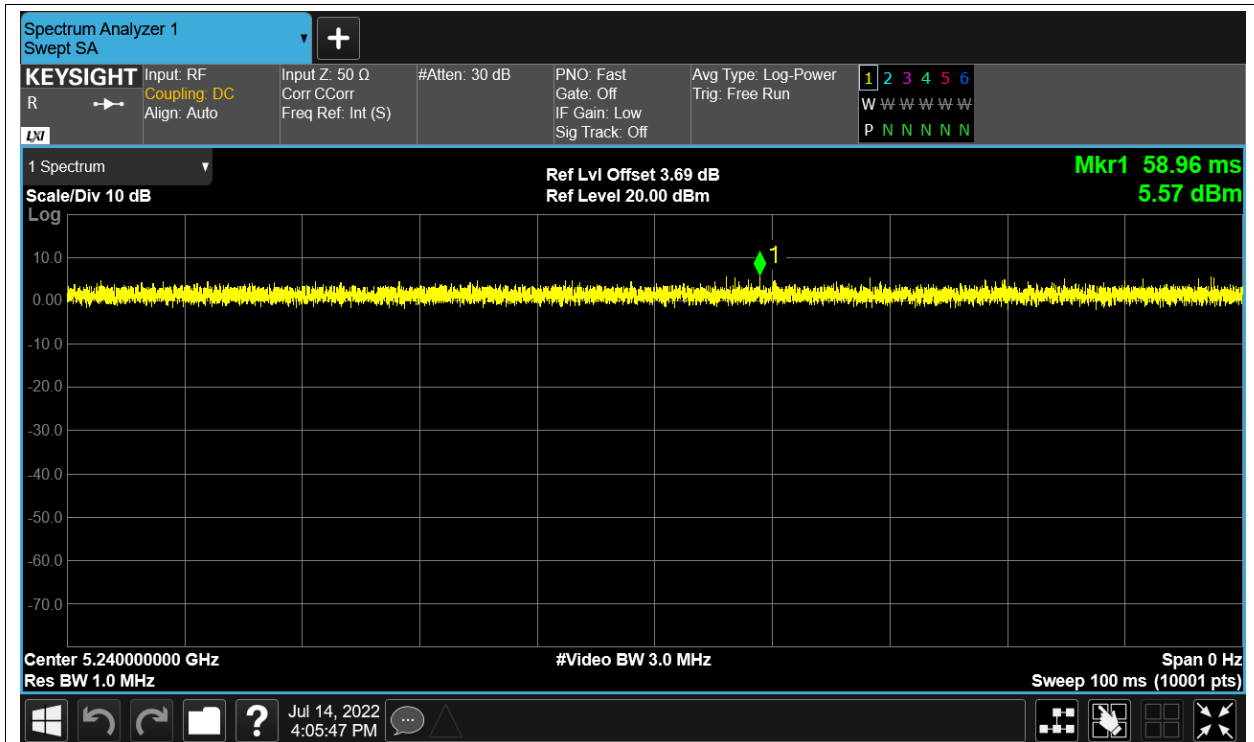
Duty Cycle NVNT n20 5180MHz Sum



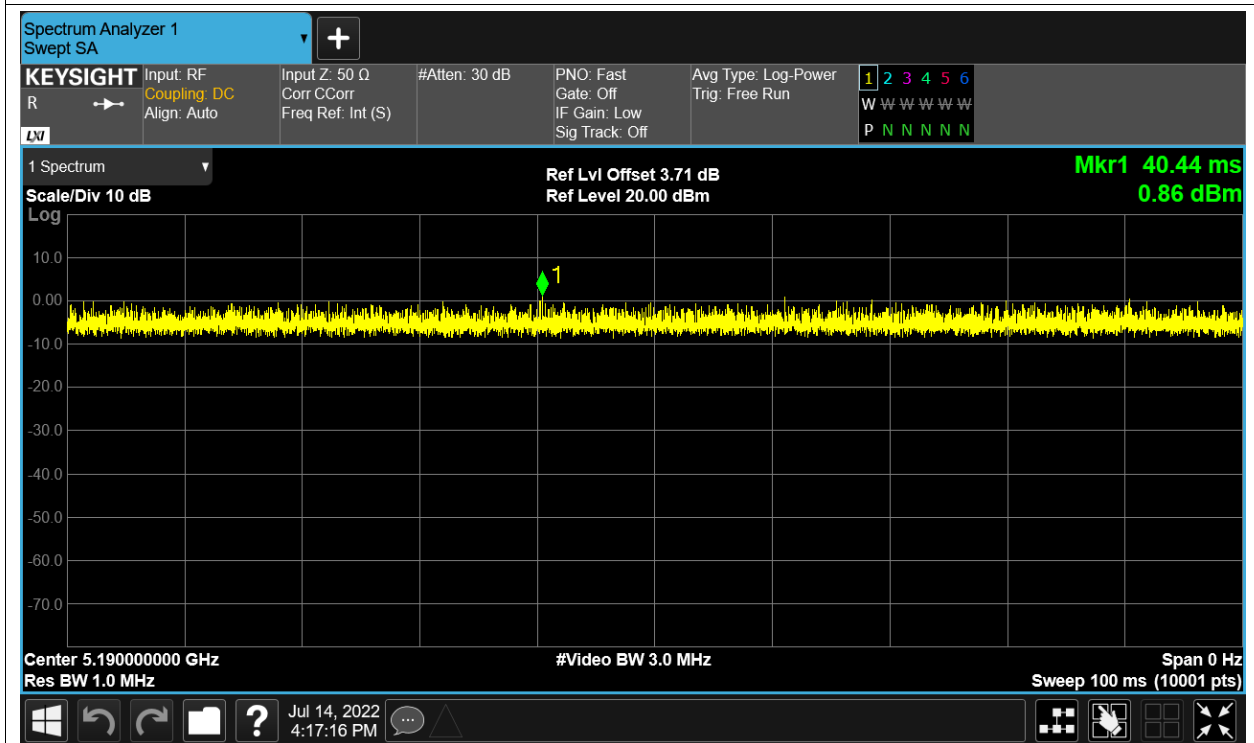
Duty Cycle NVNT n20 5200MHz Sum



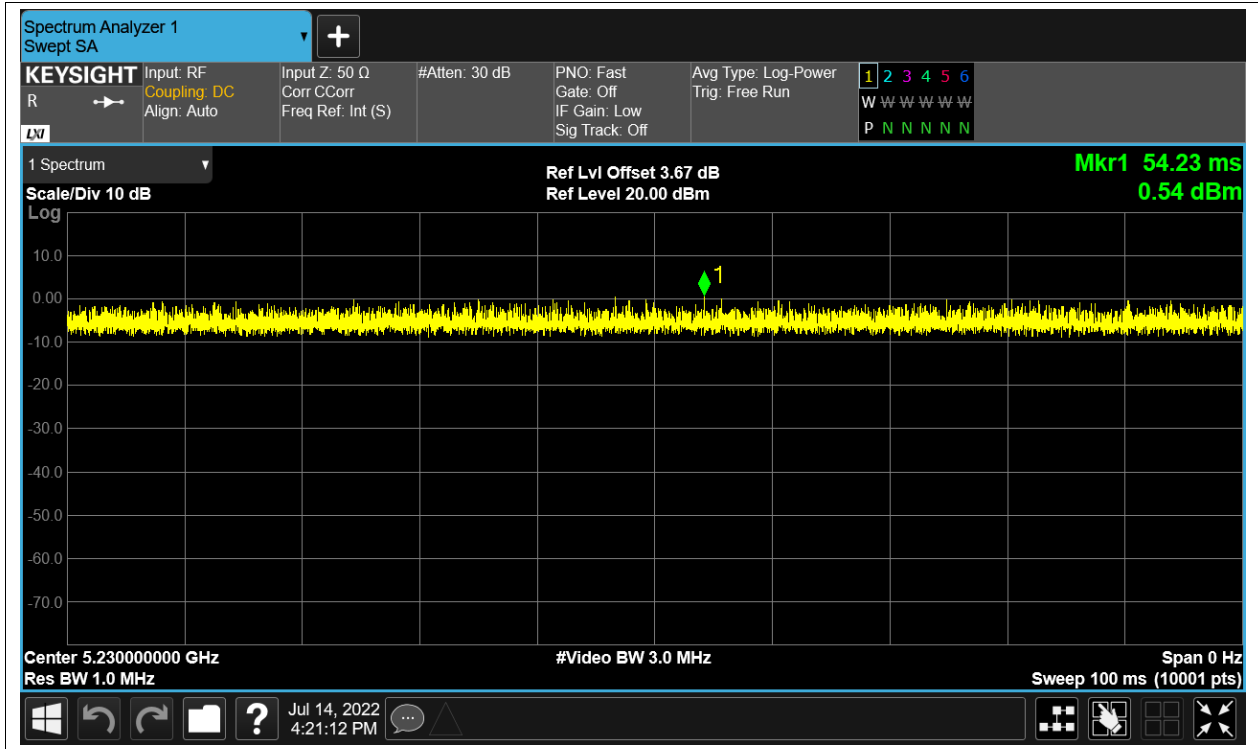
Duty Cycle NVNT n20 5240MHz Sum



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	12.77	0	12.77	24	Pass
NVNT	a	5200	Ant1	12.45	0	12.45	24	Pass
NVNT	a	5240	Ant1	12.48	0	12.48	24	Pass
NVNT	a	5180	Ant2	12.12	0	12.12	24	Pass
NVNT	a	5200	Ant2	12.26	0	12.26	24	Pass
NVNT	a	5240	Ant2	12.34	0	12.34	24	Pass
NVNT	ac20	5180	Ant1	11.21	0	11.21	24	Pass
NVNT	ac20	5180	Ant2	13.72	0	13.72	24	Pass
NVNT	ac20	5180	Sum	15.654	0	15.654	24	Pass
NVNT	ac20	5200	Ant1	11.29	0	11.29	24	Pass
NVNT	ac20	5200	Ant2	12.81	0	12.81	24	Pass
NVNT	ac20	5200	Sum	15.126	0	15.126	24	Pass
NVNT	ac20	5240	Ant1	11.48	0	11.48	24	Pass
NVNT	ac20	5240	Ant2	12.85	0	12.85	24	Pass
NVNT	ac20	5240	Sum	15.229	0	15.229	24	Pass
NVNT	ac40	5190	Ant1	10.45	0	10.45	24	Pass
NVNT	ac40	5190	Ant2	12.48	0	12.48	24	Pass
NVNT	ac40	5190	Sum	14.593	0	14.593	24	Pass
NVNT	ac40	5230	Ant1	10.84	0	10.84	24	Pass
NVNT	ac40	5230	Ant2	12.06	0	12.06	24	Pass
NVNT	ac40	5230	Sum	14.503	0	14.503	24	Pass
NVNT	ac80	5210	Ant1	10.41	0	10.41	24	Pass
NVNT	ac80	5210	Ant2	11.89	0	11.89	24	Pass
NVNT	ac80	5210	Sum	14.223	0	14.223	24	Pass
NVNT	ax20	5180	Ant1	10.63	0	10.63	24	Pass
NVNT	ax20	5180	Ant2	12.62	0	12.62	24	Pass
NVNT	ax20	5180	Sum	14.748	0	14.748	24	Pass
NVNT	ax20	5200	Ant1	10.76	0	10.76	24	Pass
NVNT	ax20	5200	Ant2	11.76	0	11.76	24	Pass
NVNT	ax20	5200	Sum	14.299	0	14.299	24	Pass
NVNT	ax20	5240	Ant1	10.95	0	10.95	24	Pass
NVNT	ax20	5240	Ant2	11.8	0	11.8	24	Pass
NVNT	ax20	5240	Sum	14.406	0	14.406	24	Pass
NVNT	ax40	5190	Ant1	9.98	0	9.98	24	Pass
NVNT	ax40	5190	Ant2	11.92	0	11.92	24	Pass
NVNT	ax40	5190	Sum	14.068	0	14.068	24	Pass
NVNT	ax40	5230	Ant1	10.62	0	10.62	24	Pass
NVNT	ax40	5230	Ant2	11.6	0	11.6	24	Pass
NVNT	ax40	5230	Sum	14.148	0	14.148	24	Pass
NVNT	ax80	5210	Ant1	9.17	0	9.17	24	Pass

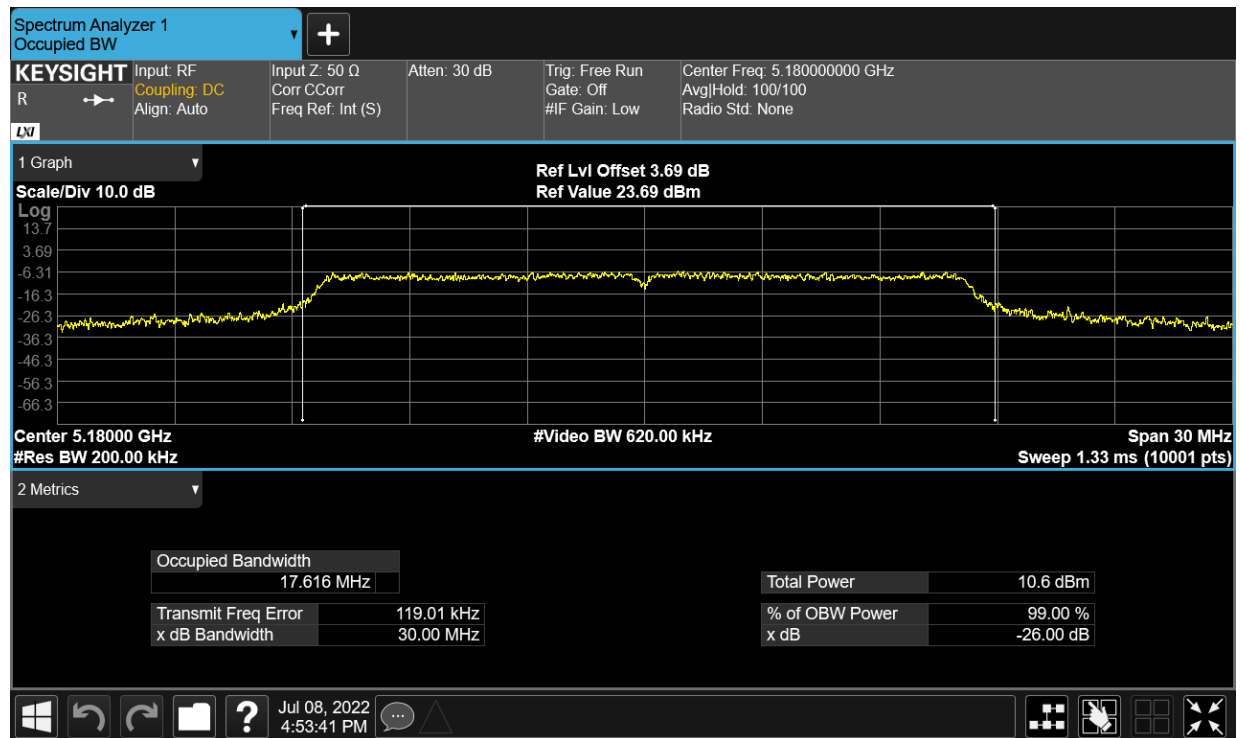
NVNT	ax80	5210	Ant2	10.56	0	10.56	24	Pass
NVNT	ax80	5210	Sum	12.931	0	12.931	24	Pass
NVNT	n20	5180	Ant1	11.39	0	11.39	24	Pass
NVNT	n20	5180	Ant2	13.05	0	13.05	24	Pass
NVNT	n20	5180	Sum	15.309	0	15.309	24	Pass
NVNT	n20	5200	Ant1	11.55	0	11.55	24	Pass
NVNT	n20	5200	Ant2	12.75	0	12.75	24	Pass
NVNT	n20	5200	Sum	15.202	0	15.202	24	Pass
NVNT	n20	5240	Ant1	11.82	0	11.82	24	Pass
NVNT	n20	5240	Ant2	12.9	0	12.9	24	Pass
NVNT	n20	5240	Sum	15.404	0	15.404	24	Pass
NVNT	n40	5190	Ant1	11.71	0	11.71	24	Pass
NVNT	n40	5190	Ant2	12.93	0	12.93	24	Pass
NVNT	n40	5190	Sum	15.373	0	15.373	24	Pass
NVNT	n40	5230	Ant1	12.22	0	12.22	24	Pass
NVNT	n40	5230	Ant2	12.53	0	12.53	24	Pass
NVNT	n40	5230	Sum	15.388	0	15.388	24	Pass

Occupied Channel Bandwidth

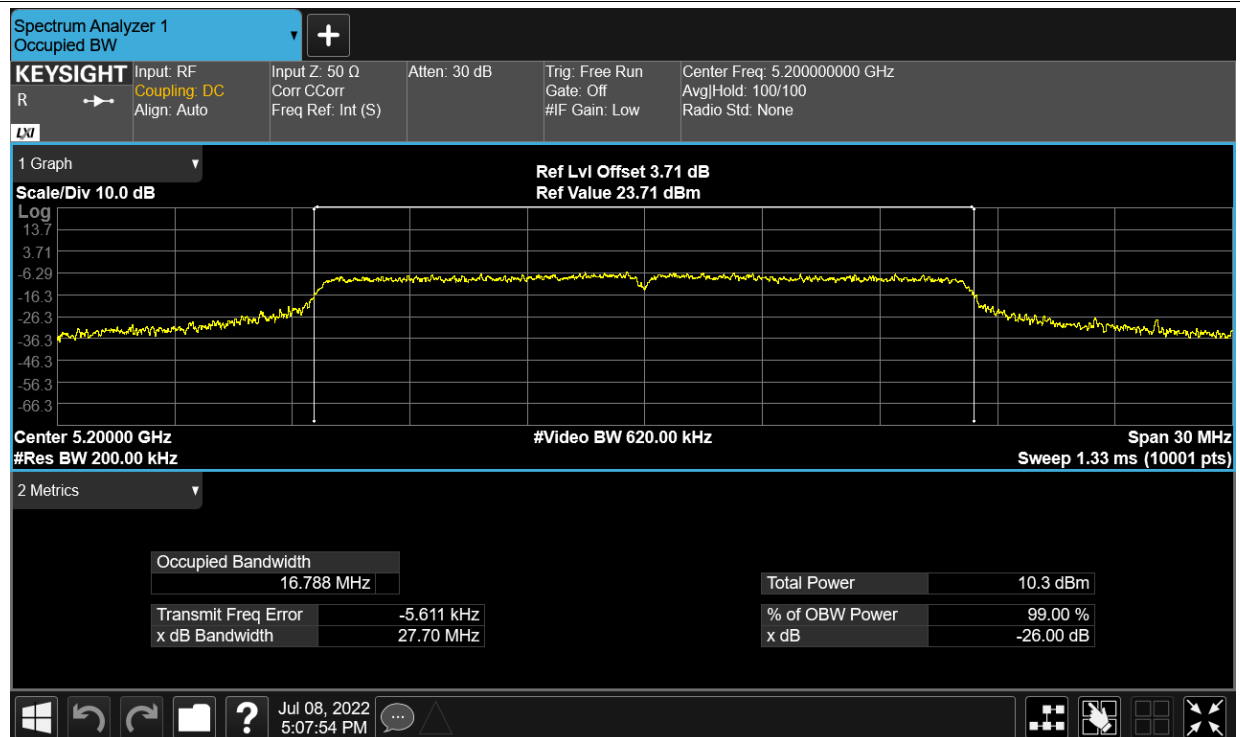
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.61550789
NVNT	a	5200	Ant1	16.78794357
NVNT	a	5240	Ant1	16.77314082
NVNT	a	5180	Ant2	16.57709918
NVNT	a	5200	Ant2	16.60713511
NVNT	a	5240	Ant2	16.58809259
NVNT	ac20	5180	Ant1	18.03628823
NVNT	ac20	5180	Ant2	17.78035766
NVNT	ac20	5200	Ant1	17.92775563
NVNT	ac20	5200	Ant2	17.76749056
NVNT	ac20	5240	Ant1	17.90872896
NVNT	ac20	5240	Ant2	17.76398094
NVNT	ac40	5190	Ant1	36.1098536
NVNT	ac40	5190	Ant2	36.03858623
NVNT	ac40	5230	Ant1	36.21662643
NVNT	ac40	5230	Ant2	36.08783289
NVNT	ac80	5210	Ant1	75.6962744
NVNT	ac80	5210	Ant2	75.62440254
NVNT	ax20	5180	Ant1	19.08065981
NVNT	ax20	5180	Ant2	19.02586347
NVNT	ax20	5200	Ant1	19.0403324
NVNT	ax20	5200	Ant2	19.01043664
NVNT	ax20	5240	Ant1	19.04462114
NVNT	ax20	5240	Ant2	19.02960848
NVNT	ax40	5190	Ant1	37.52815675
NVNT	ax40	5190	Ant2	37.52643063
NVNT	ax40	5230	Ant1	37.67427548
NVNT	ax40	5230	Ant2	37.54383058
NVNT	ax80	5210	Ant1	77.40315937
NVNT	ax80	5210	Ant2	77.32373321
NVNT	n20	5180	Ant1	18.04292311
NVNT	n20	5180	Ant2	17.8952954
NVNT	n20	5200	Ant1	17.90154509
NVNT	n20	5200	Ant2	17.83318341
NVNT	n20	5240	Ant1	17.90762163
NVNT	n20	5240	Ant2	17.78628463
NVNT	n40	5190	Ant1	36.10044057
NVNT	n40	5190	Ant2	36.01195761
NVNT	n40	5230	Ant1	36.2305177
NVNT	n40	5230	Ant2	36.04685359

Test Graphs

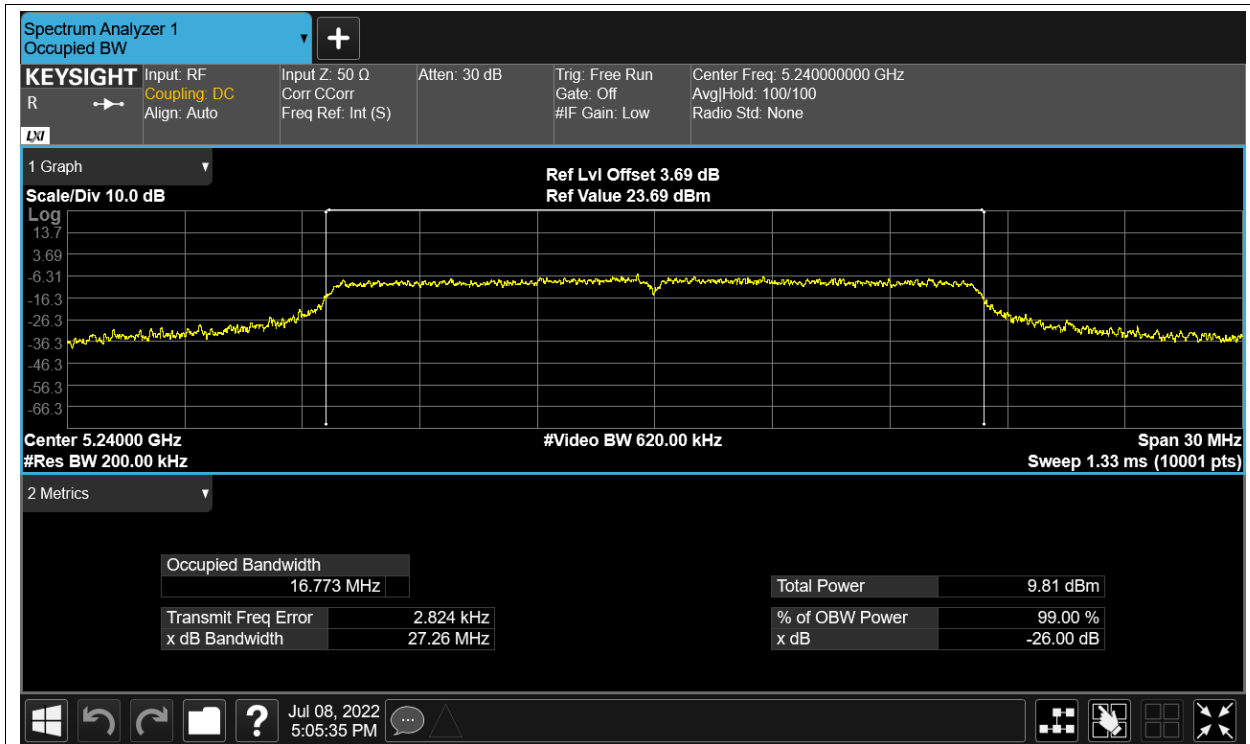
OBW NVNT a 5180MHz Ant1



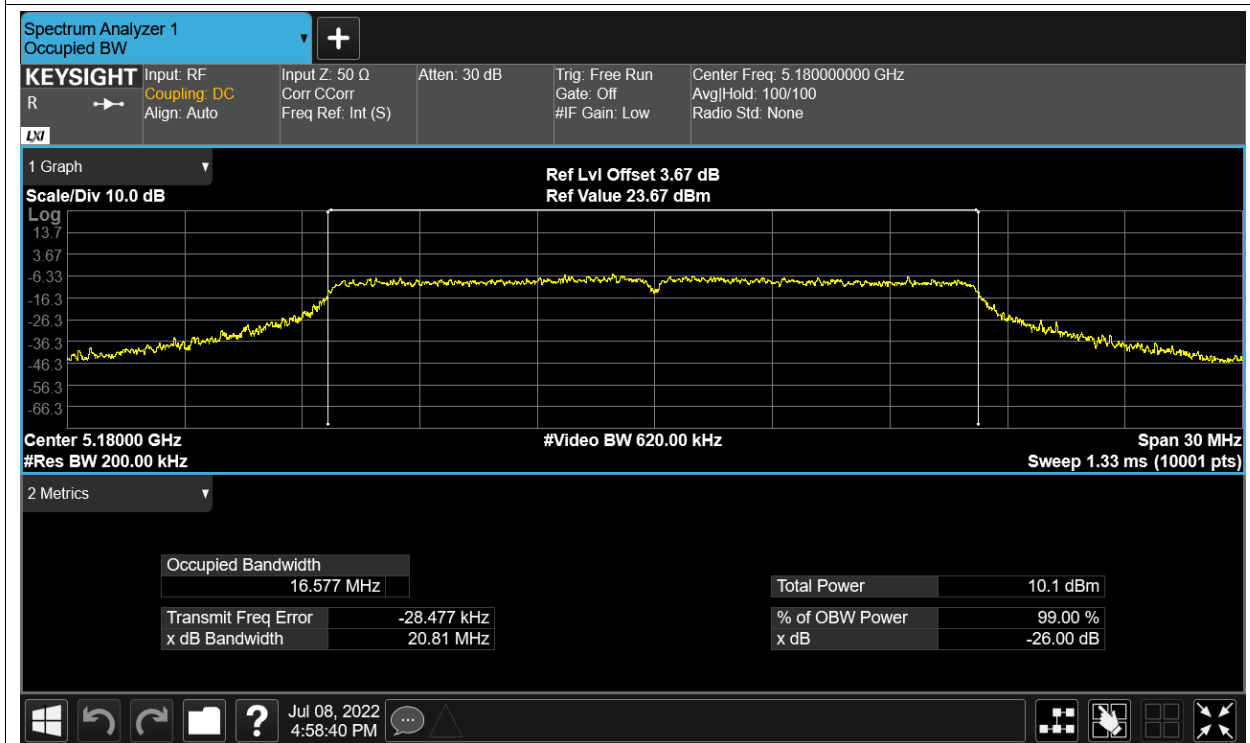
OBW NVNT a 5200MHz Ant1



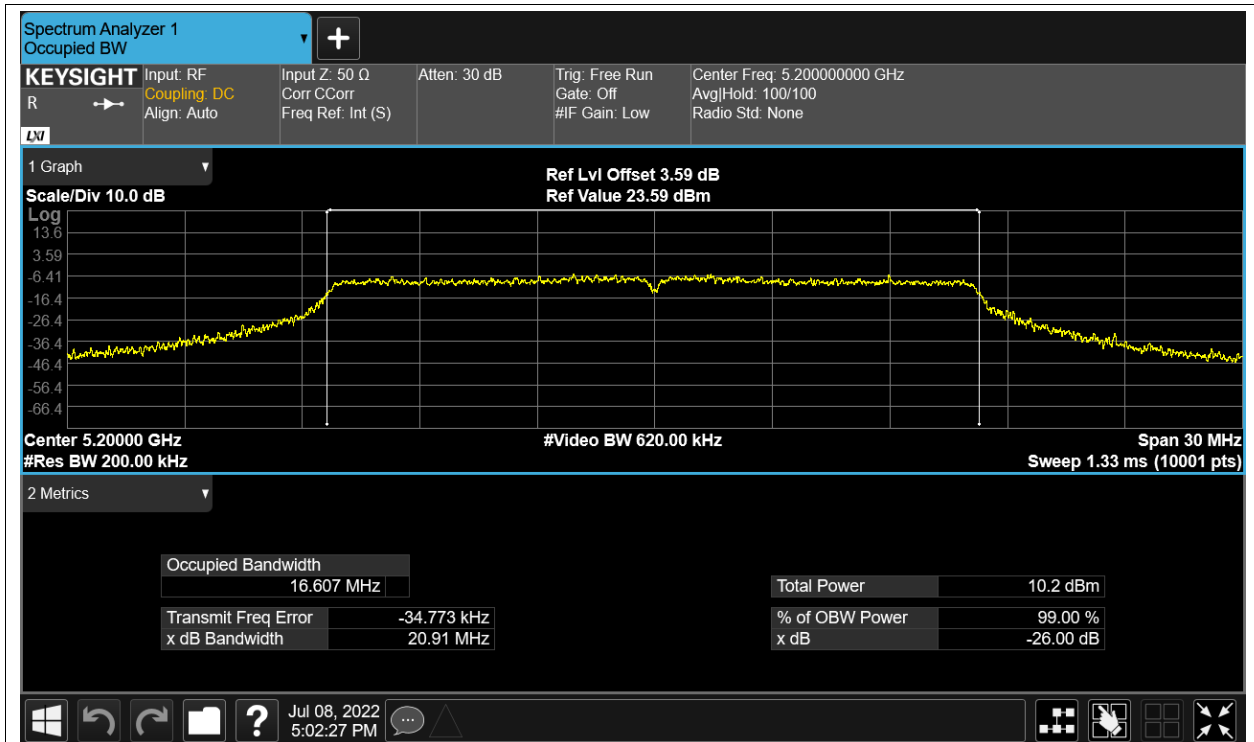
OBW NVNT a 5240MHz Ant1



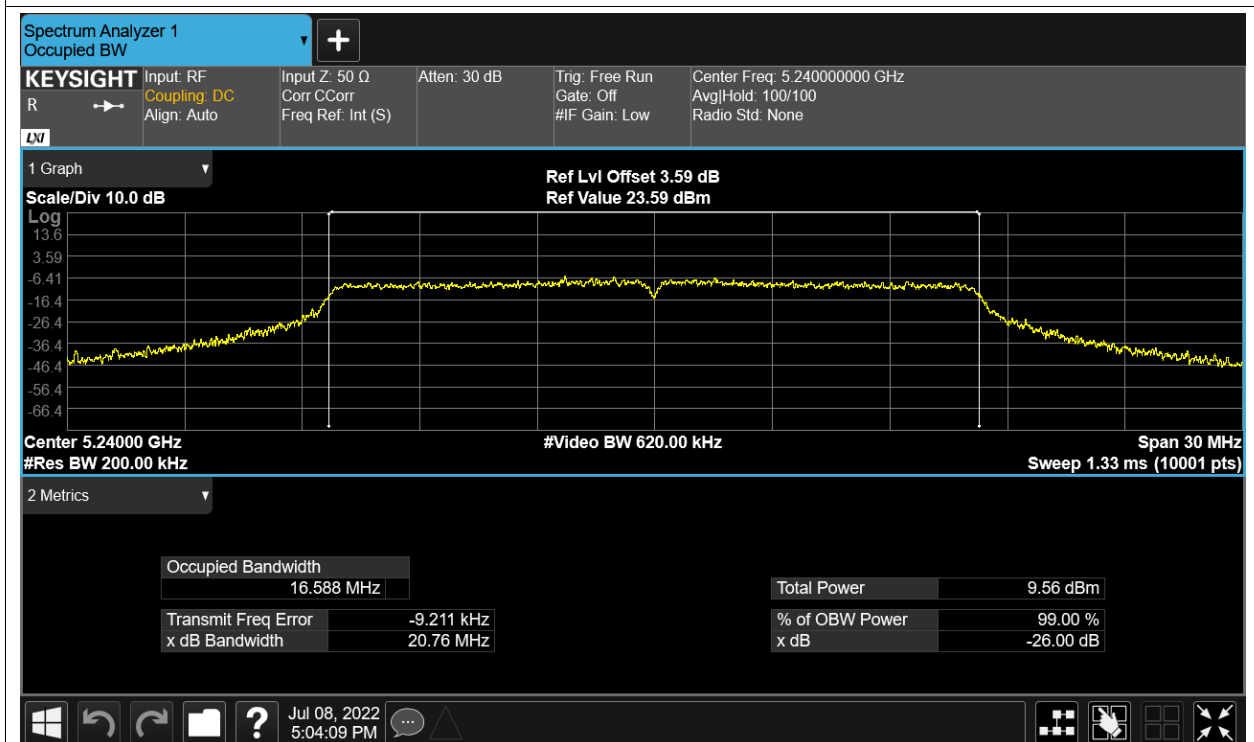
OBW NVNT a 5180MHz Ant2



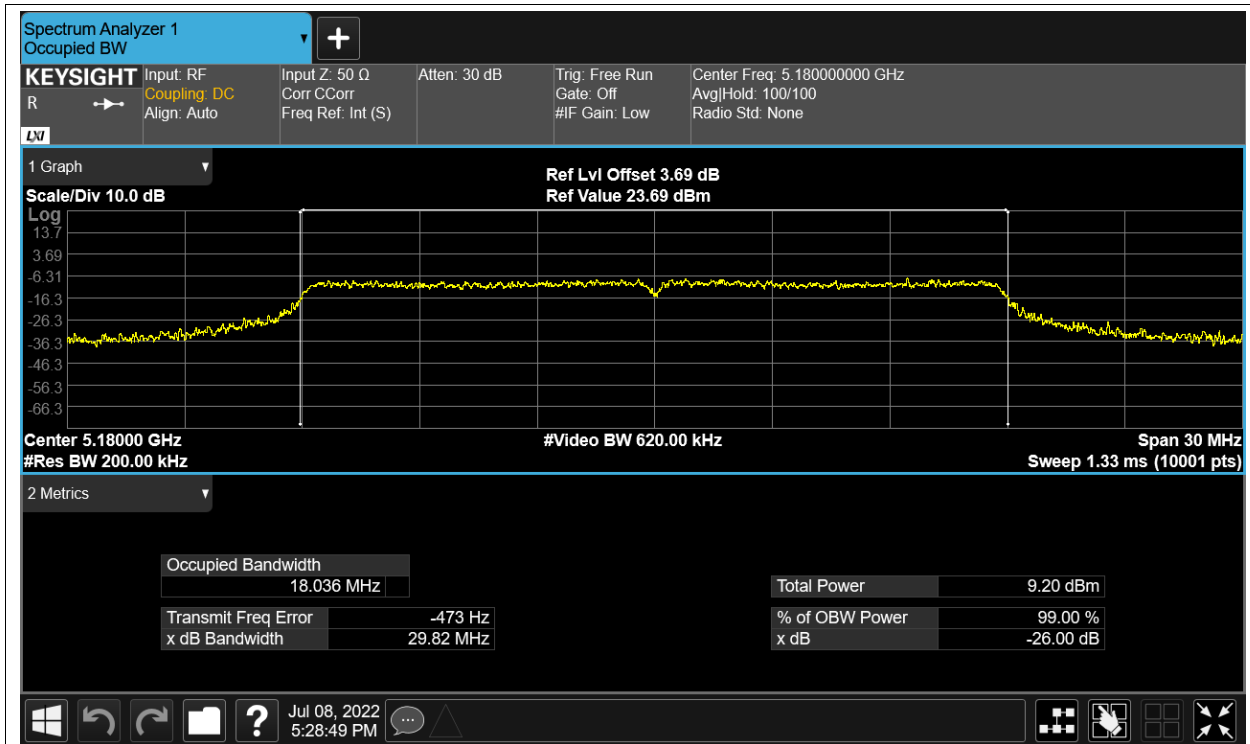
OBW NVNT a 5200MHz Ant2



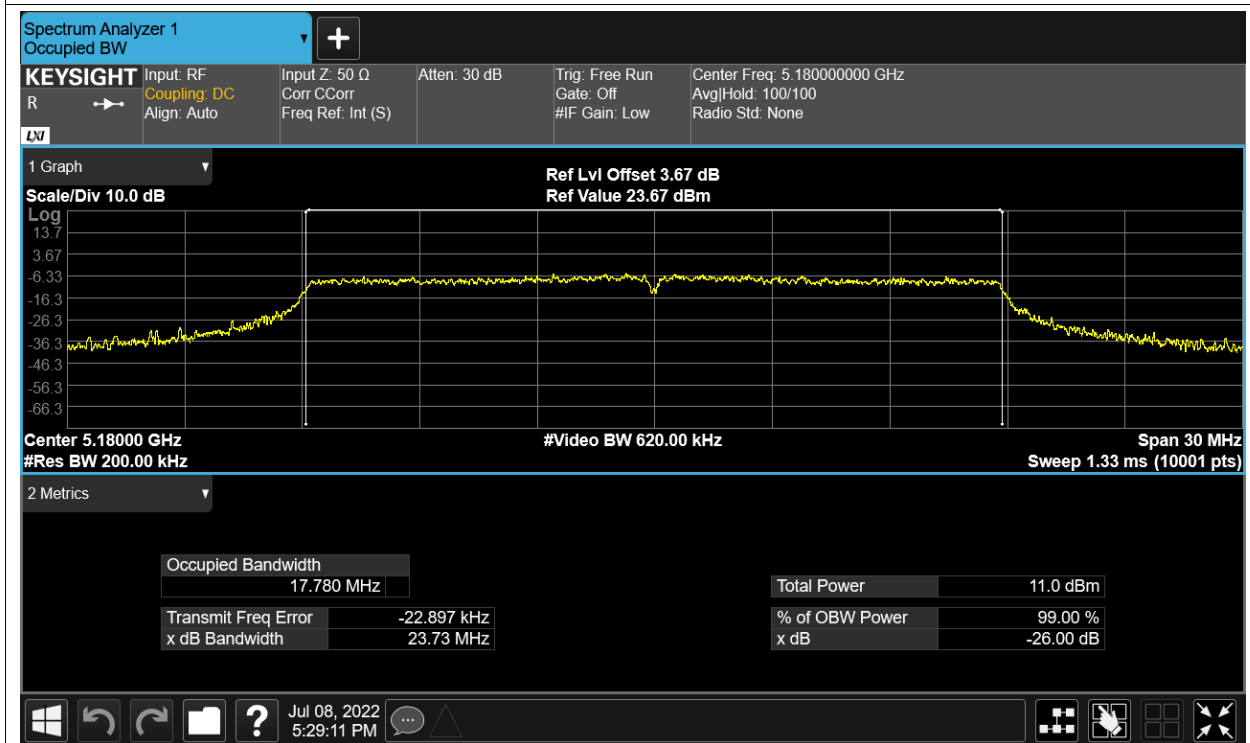
OBW NVNT a 5240MHz Ant2



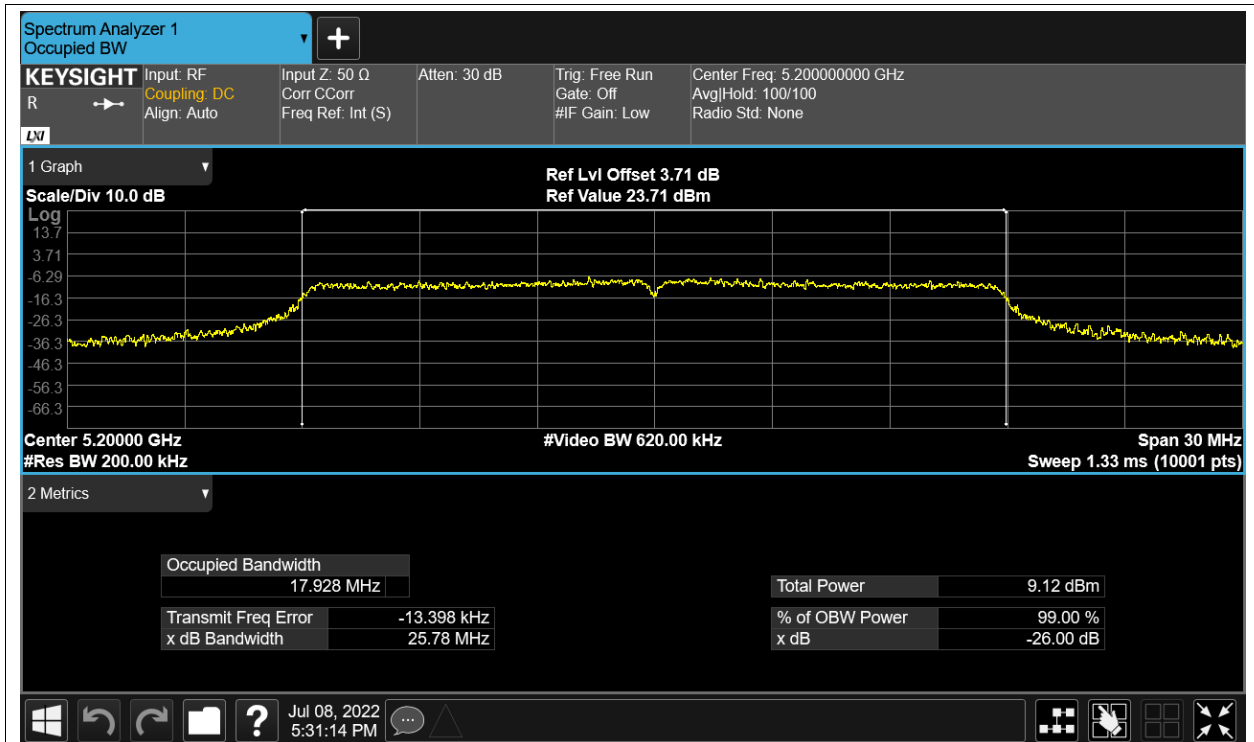
OBW NVNT ac20 5180MHz Ant1



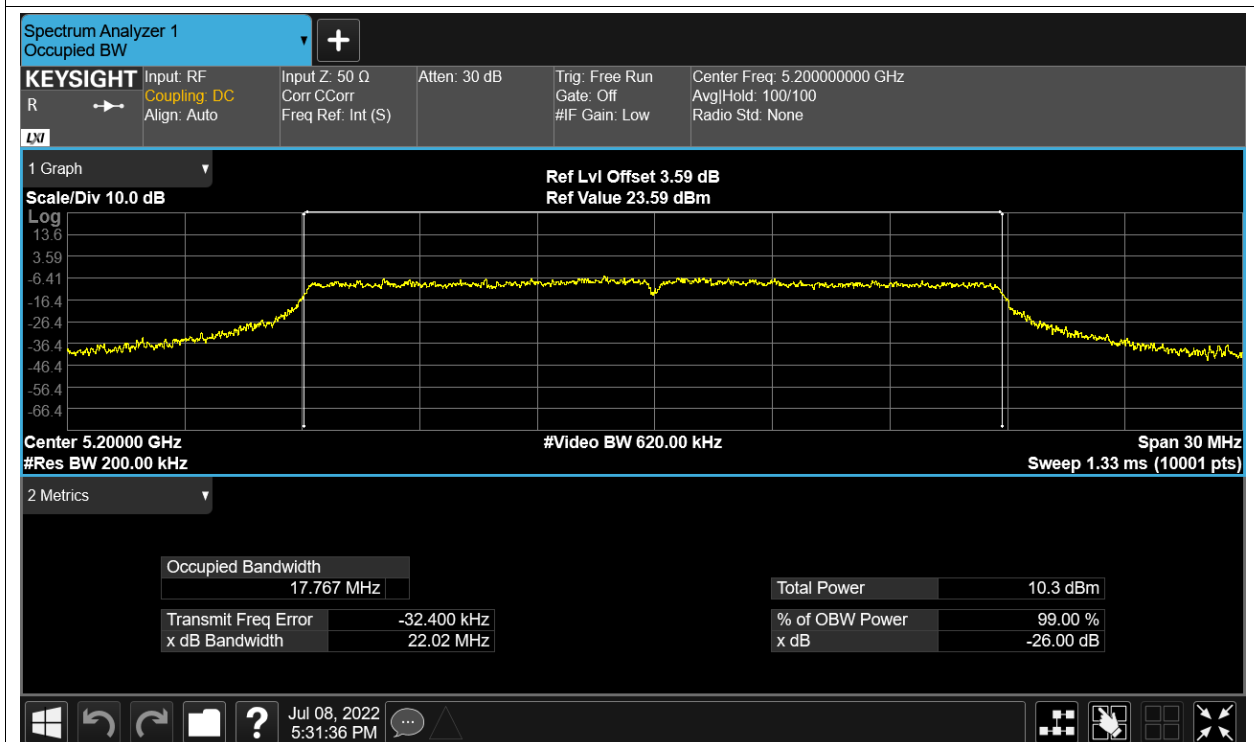
OBW NVNT ac20 5180MHz Ant2



OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5200MHz Ant2



OBW NVNT ac20 5240MHz Ant1