

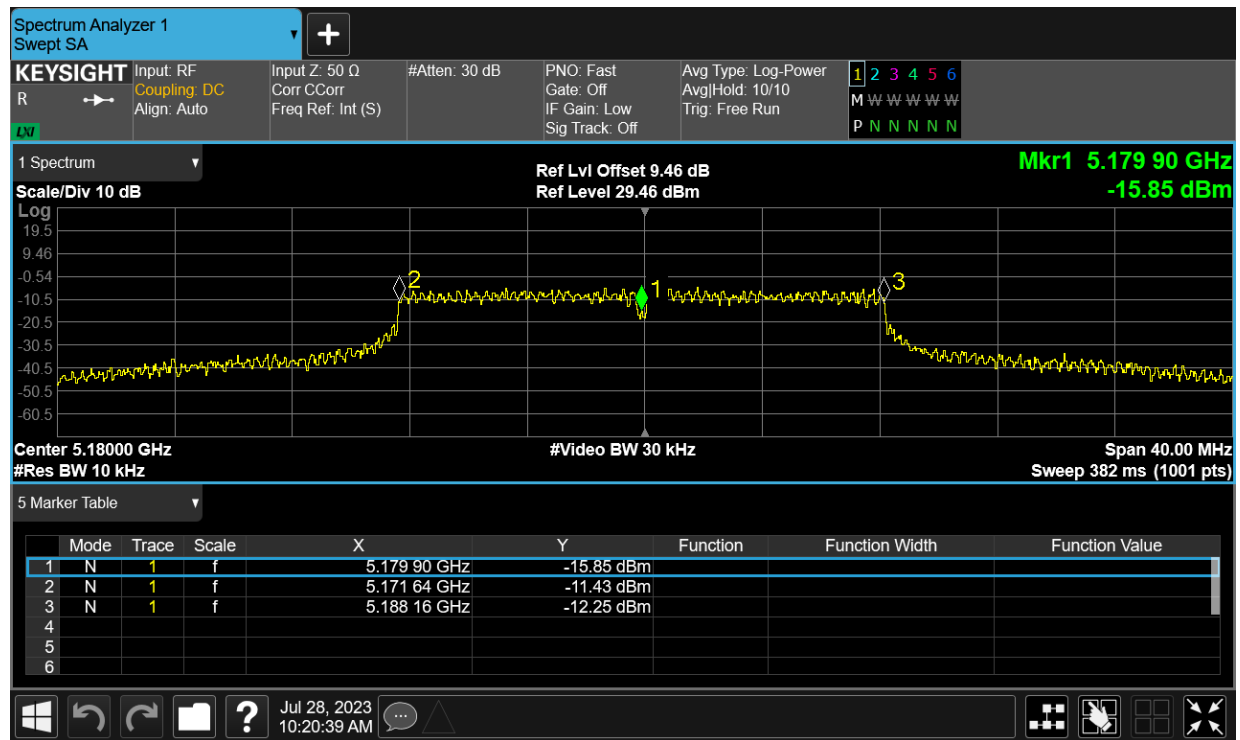
Test Data

Frequency Stability

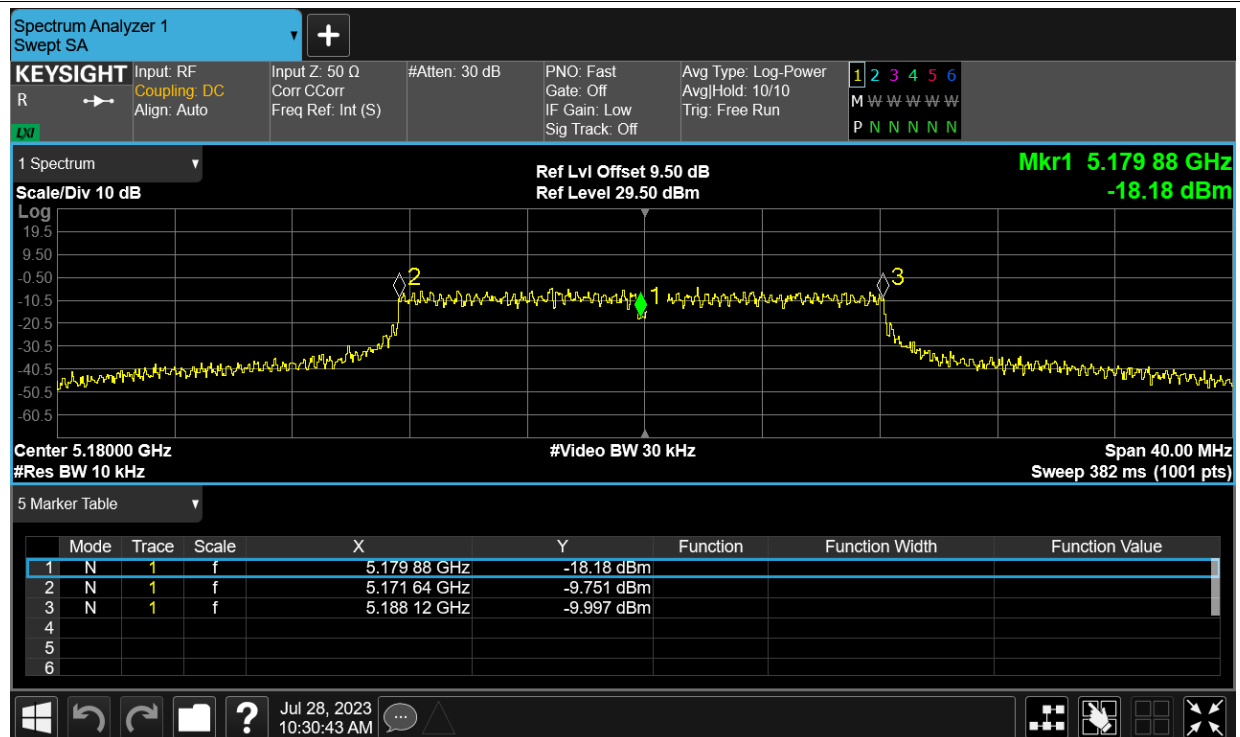
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9	-19.31	25	Pass
HVNT	a	5180	Ant2	5179.88	-23.17	25	Pass
LVNT	a	5180	Ant1	5179.92	-15.44	25	Pass
LVNT	a	5180	Ant2	5179.9	-19.31	25	Pass
NVHT	a	5180	Ant1	5179.9	-19.31	25	Pass
NVHT	a	5180	Ant2	5179.9	-19.31	25	Pass
NVLT	a	5180	Ant1	5179.9	-19.31	25	Pass
NVLT	a	5180	Ant2	5179.9	-19.31	25	Pass
NVNT	a	5180	Ant1	5179.9	-19.31	25	Pass
NVNT	a	5180	Ant2	5179.9	-19.31	25	Pass
HVNT	ac20	5180	Sum	5179.92	-15.44	25	Pass
LVNT	ac20	5180	Sum	5179.92	-15.44	25	Pass
NVHT	ac20	5180	Sum	5179.92	-15.44	25	Pass
NVLT	ac20	5180	Sum	5179.92	-15.44	25	Pass
NVNT	ac20	5180	Sum	5179.92	-15.44	25	Pass
HVNT	ac40	5190	Sum	5189.92	-15.41	25	Pass
LVNT	ac40	5190	Sum	5189.92	-15.41	25	Pass
NVHT	ac40	5190	Sum	5189.88	-23.12	25	Pass
NVLT	ac40	5190	Sum	5189.92	-15.41	25	Pass
NVNT	ac40	5190	Sum	5189.92	-15.41	25	Pass
HVNT	ac80	5210	Sum	5209.92	-15.36	25	Pass
LVNT	ac80	5210	Sum	5209.92	-15.36	25	Pass
NVHT	ac80	5210	Sum	5209.92	-15.36	25	Pass
NVLT	ac80	5210	Sum	5209.92	-15.36	25	Pass
NVNT	ac80	5210	Sum	5209.92	-15.36	25	Pass
HVNT	n20	5180	Sum	5179.9	-19.31	25	Pass
LVNT	n20	5180	Sum	5179.92	-15.44	25	Pass
NVHT	n20	5180	Sum	5179.92	-15.44	25	Pass
NVLT	n20	5180	Sum	5179.92	-15.44	25	Pass
NVNT	n20	5180	Sum	5179.9	-19.31	25	Pass
HVNT	n40	5190	Sum	5189.88	-23.12	25	Pass
LVNT	n40	5190	Sum	5189.88	-23.12	25	Pass
NVHT	n40	5190	Sum	5189.92	-15.41	25	Pass
NVLT	n40	5190	Sum	5189.88	-23.12	25	Pass
NVNT	n40	5190	Sum	5189.92	-15.41	25	Pass

Test Graphs

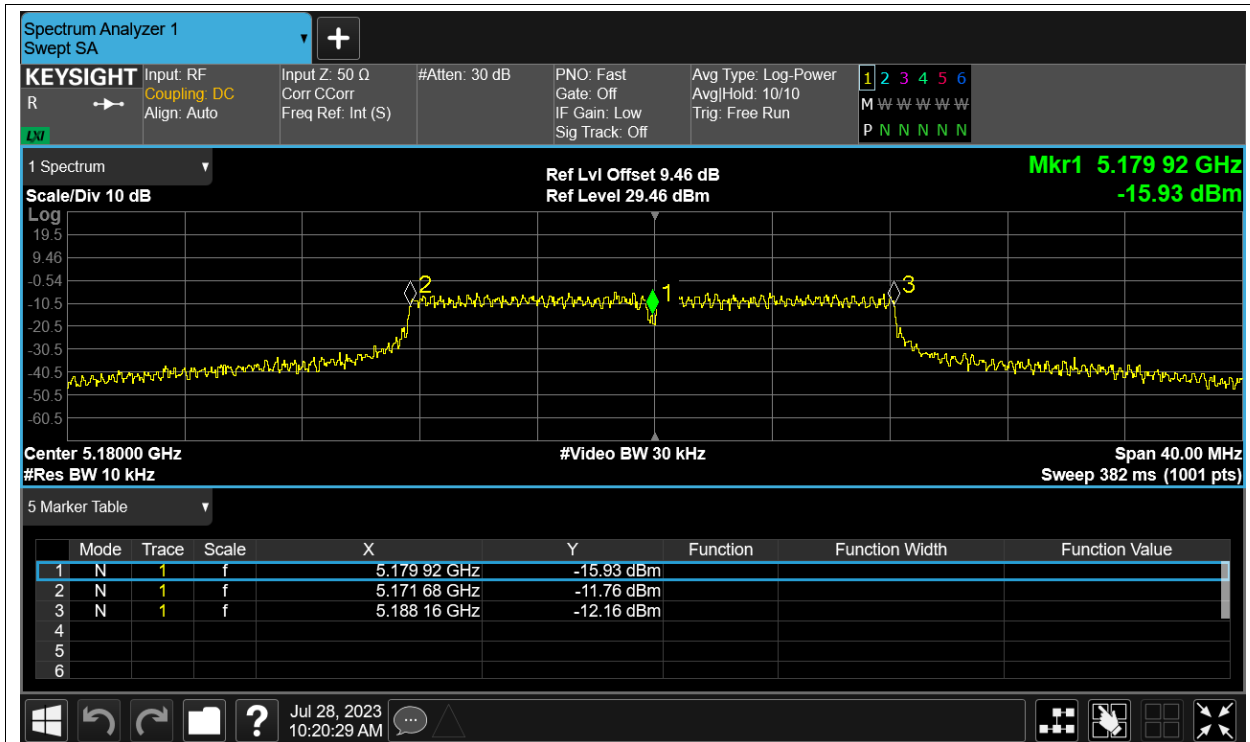
Freq. Stability HVNT a 5180MHz Ant1



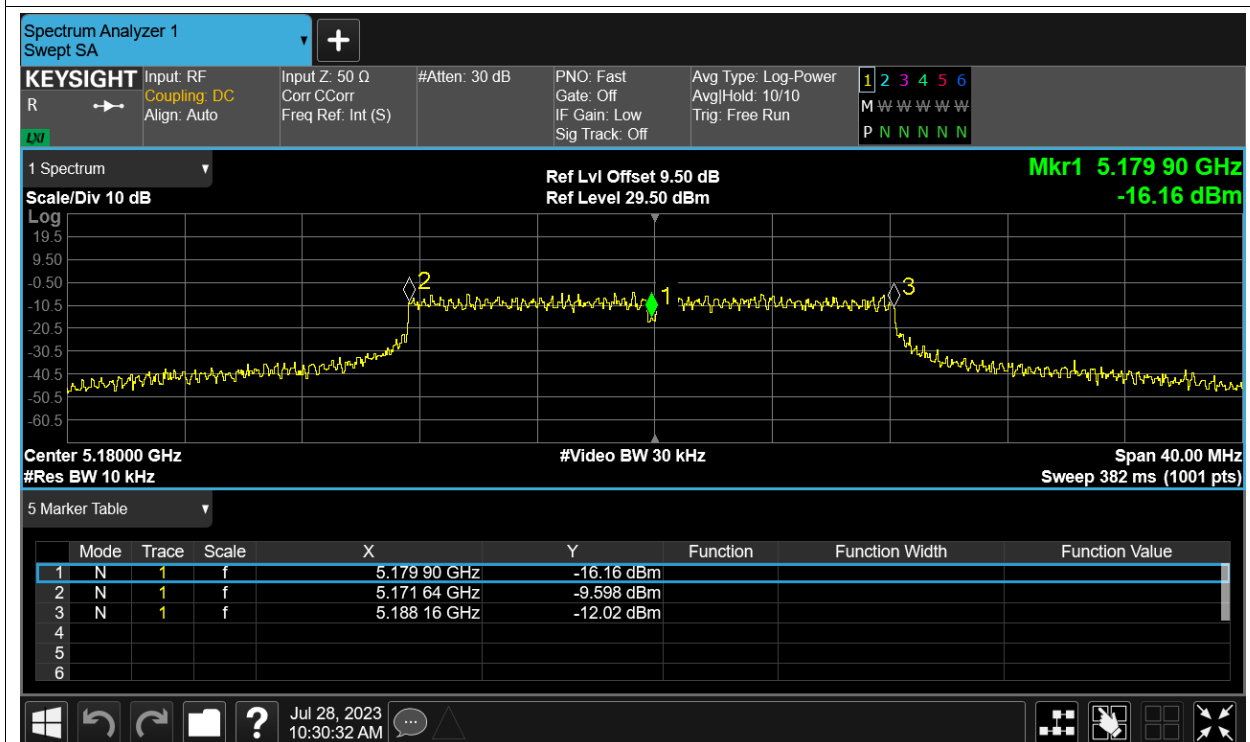
Freq. Stability HVNT a 5180MHz Ant2



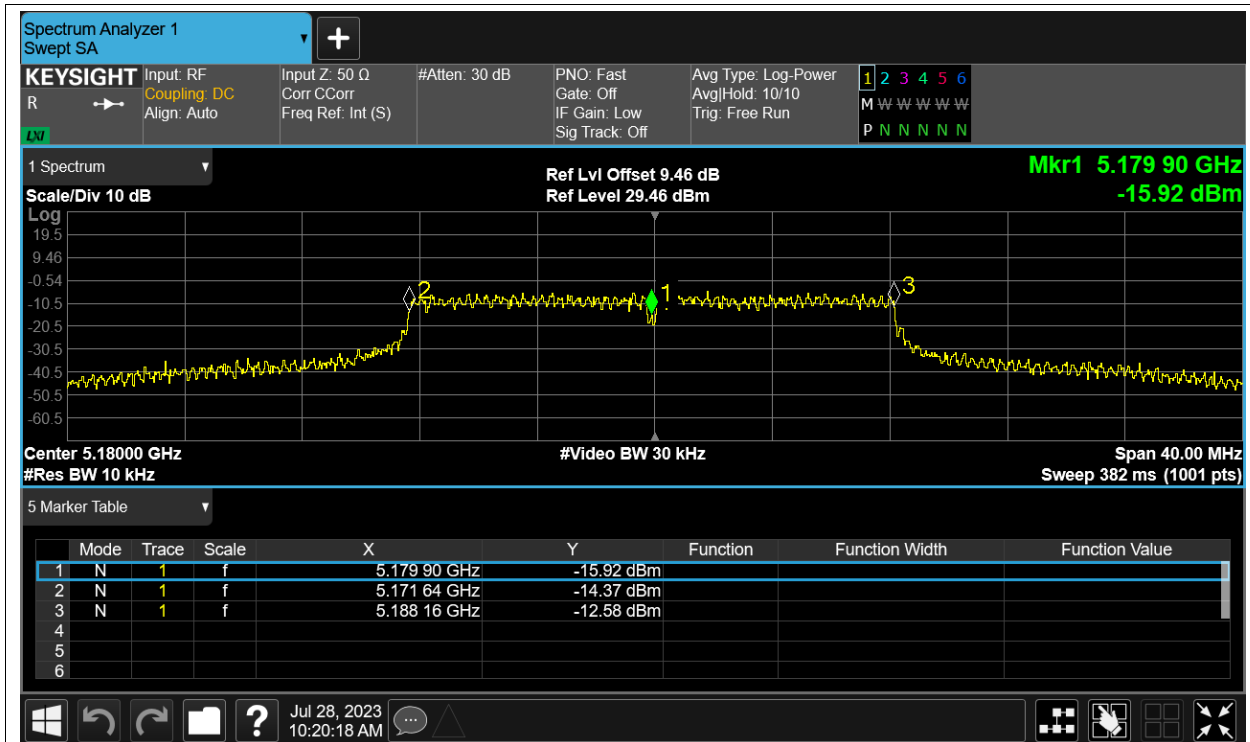
Freq. Stability LVNT a 5180MHz Ant1



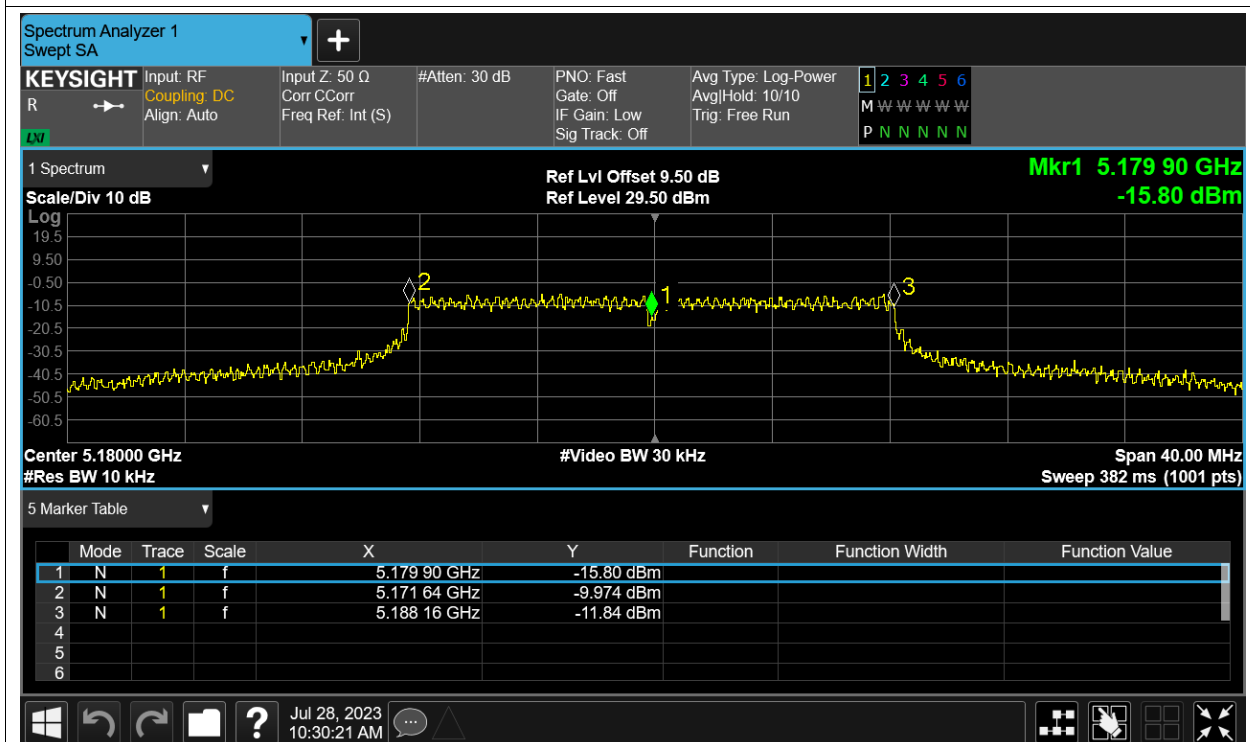
Freq. Stability LVNT a 5180MHz Ant2



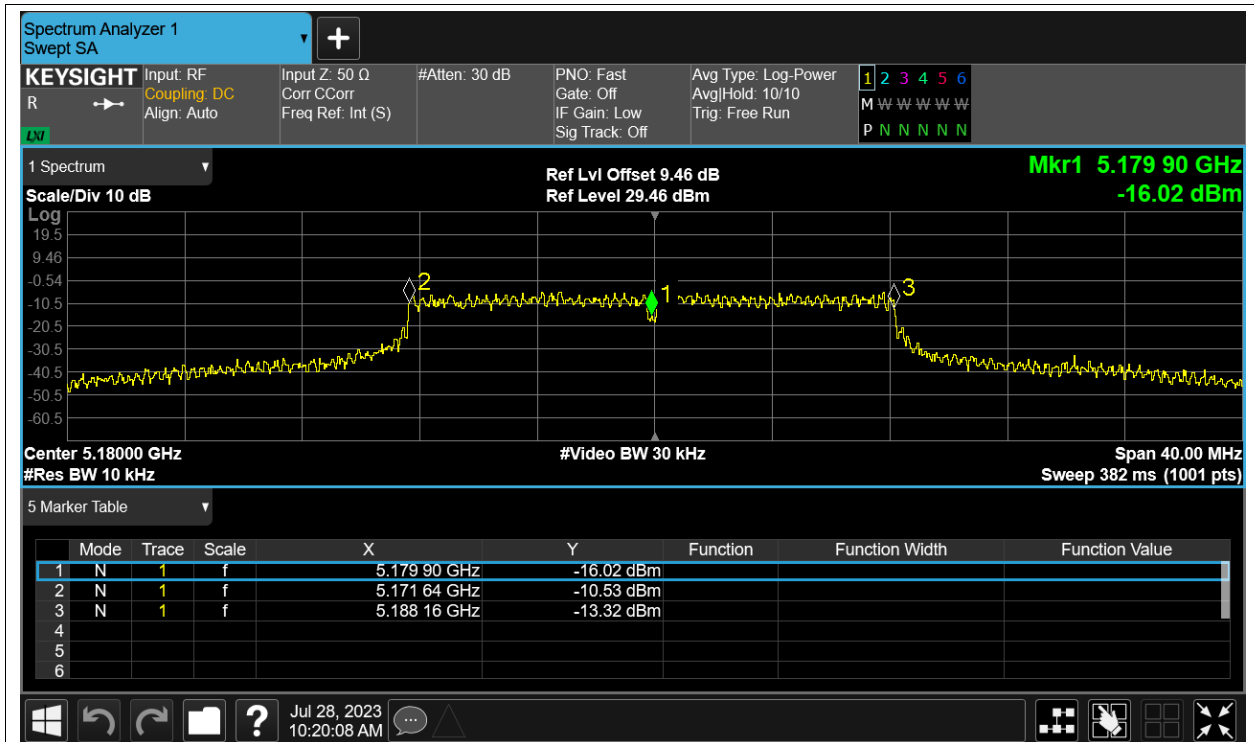
Freq. Stability NVHT a 5180MHz Ant1



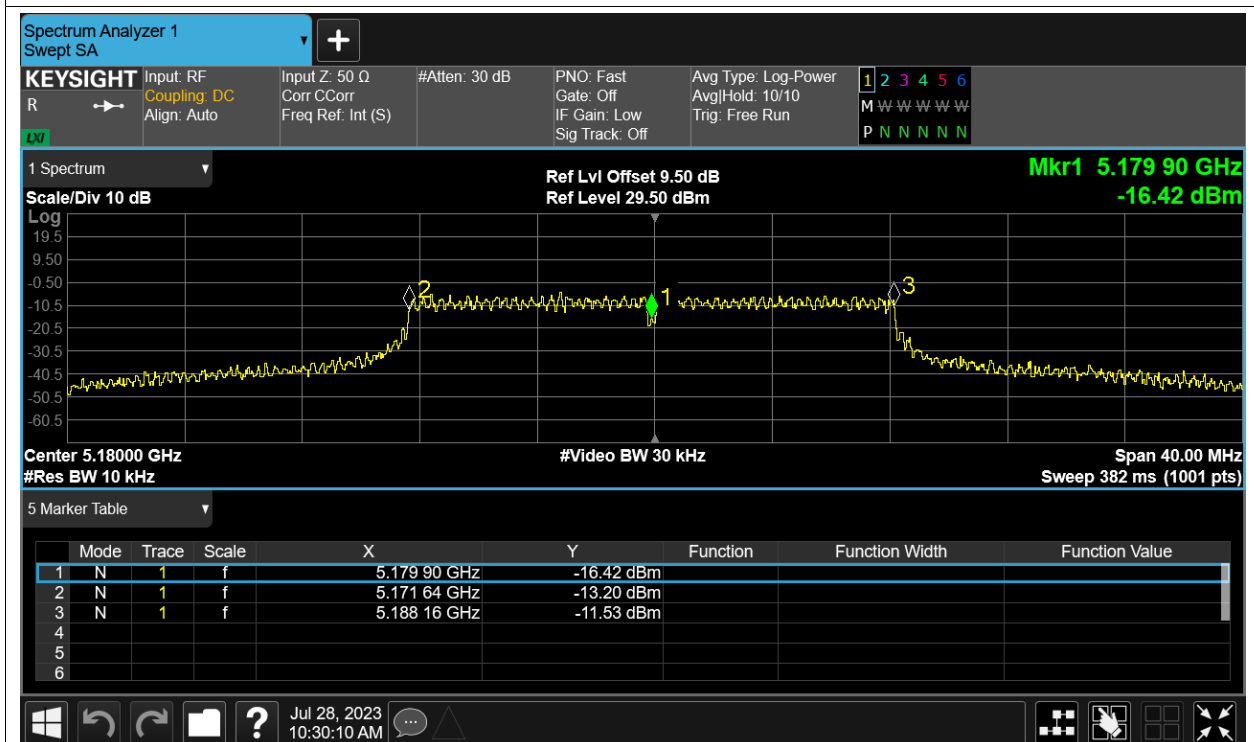
Freq. Stability NVHT a 5180MHz Ant2



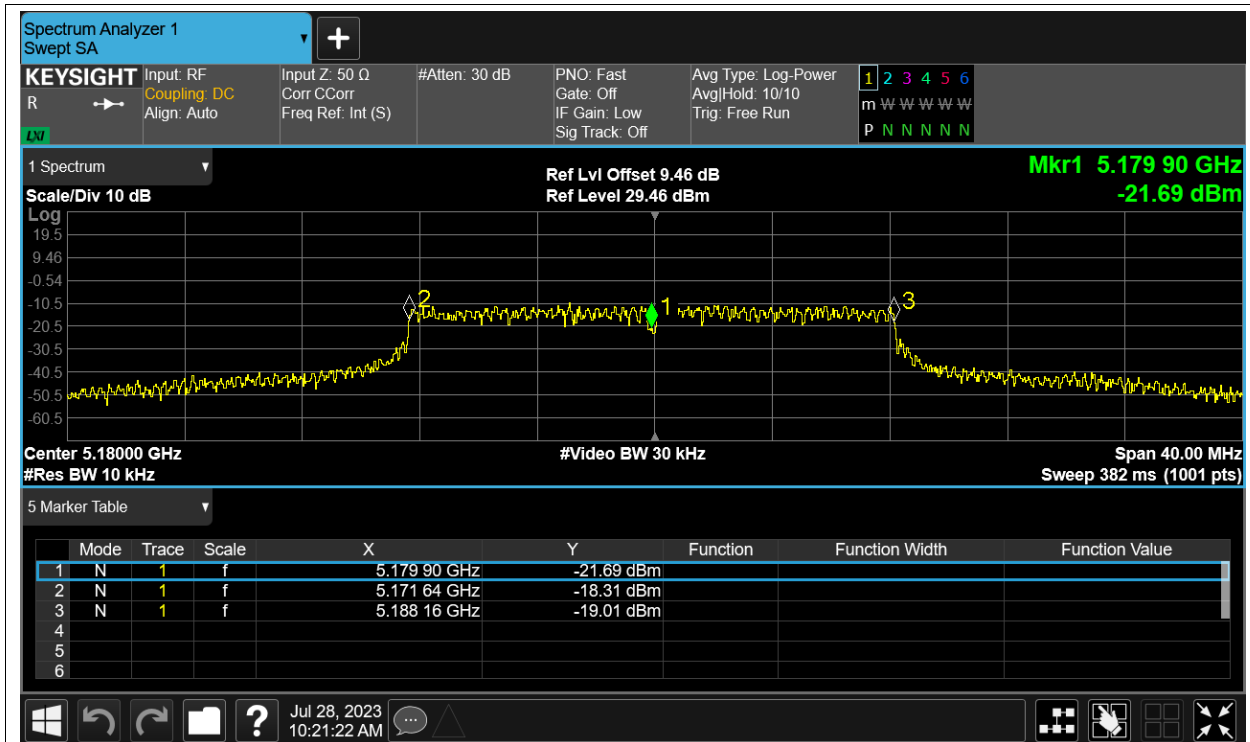
Freq. Stability NVLT a 5180MHz Ant1



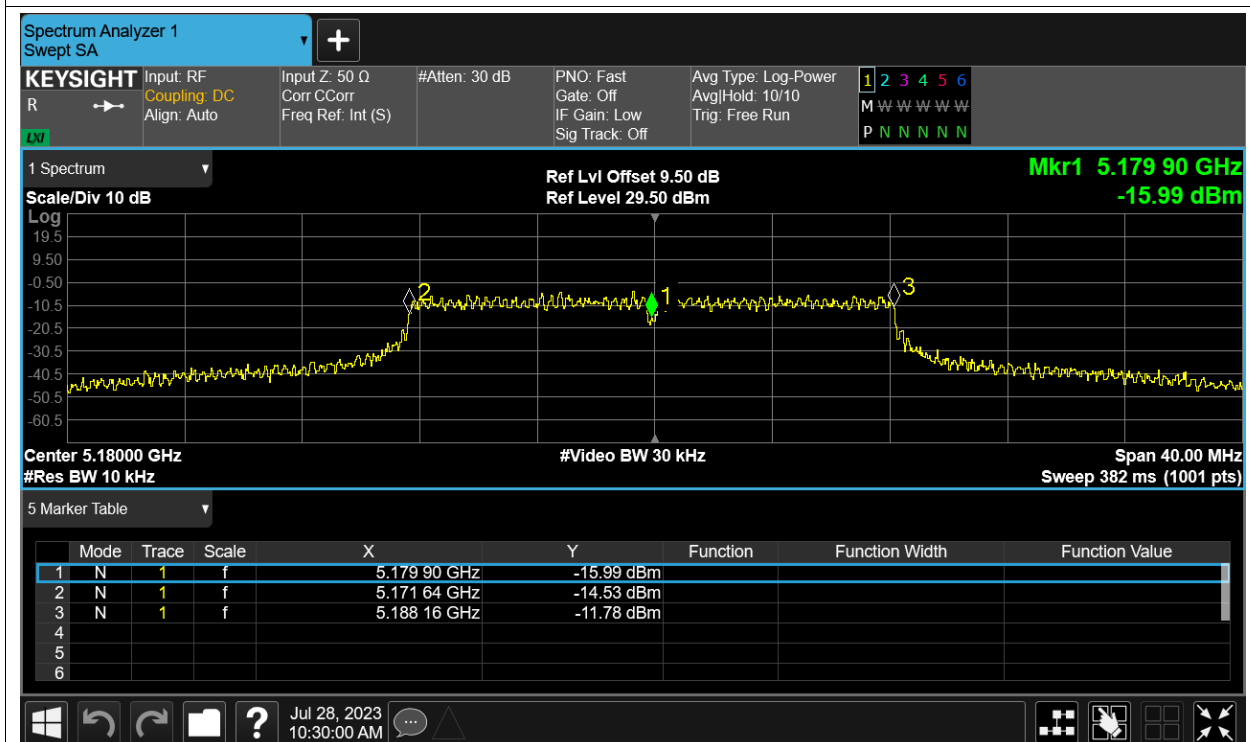
Freq. Stability NVLT a 5180MHz Ant2



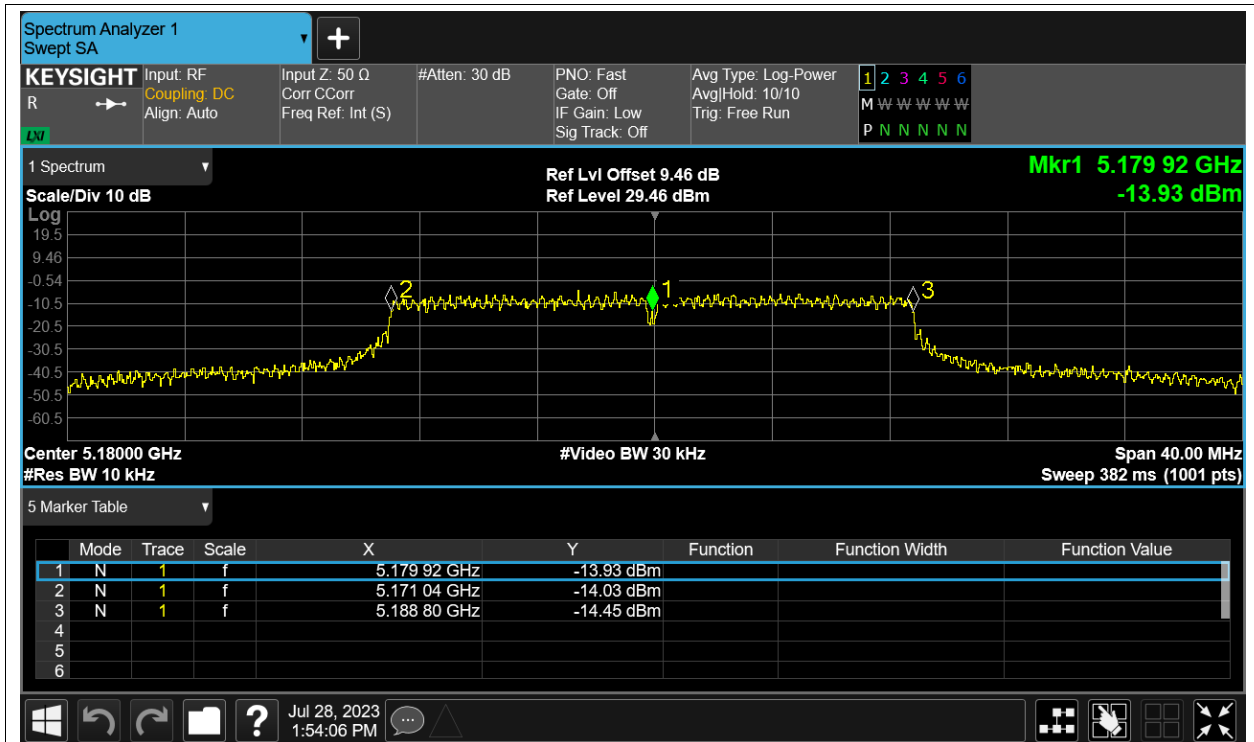
Freq. Stability NVNT a 5180MHz Ant1



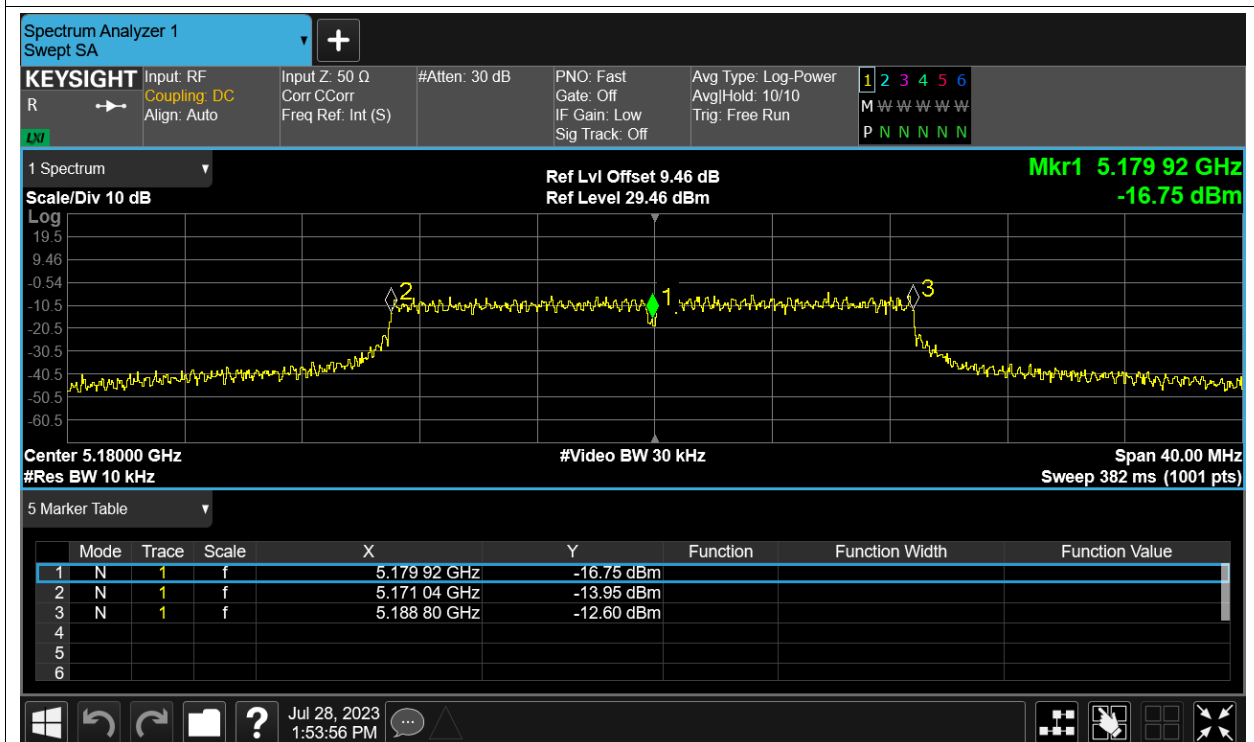
Freq. Stability NVNT a 5180MHz Ant2



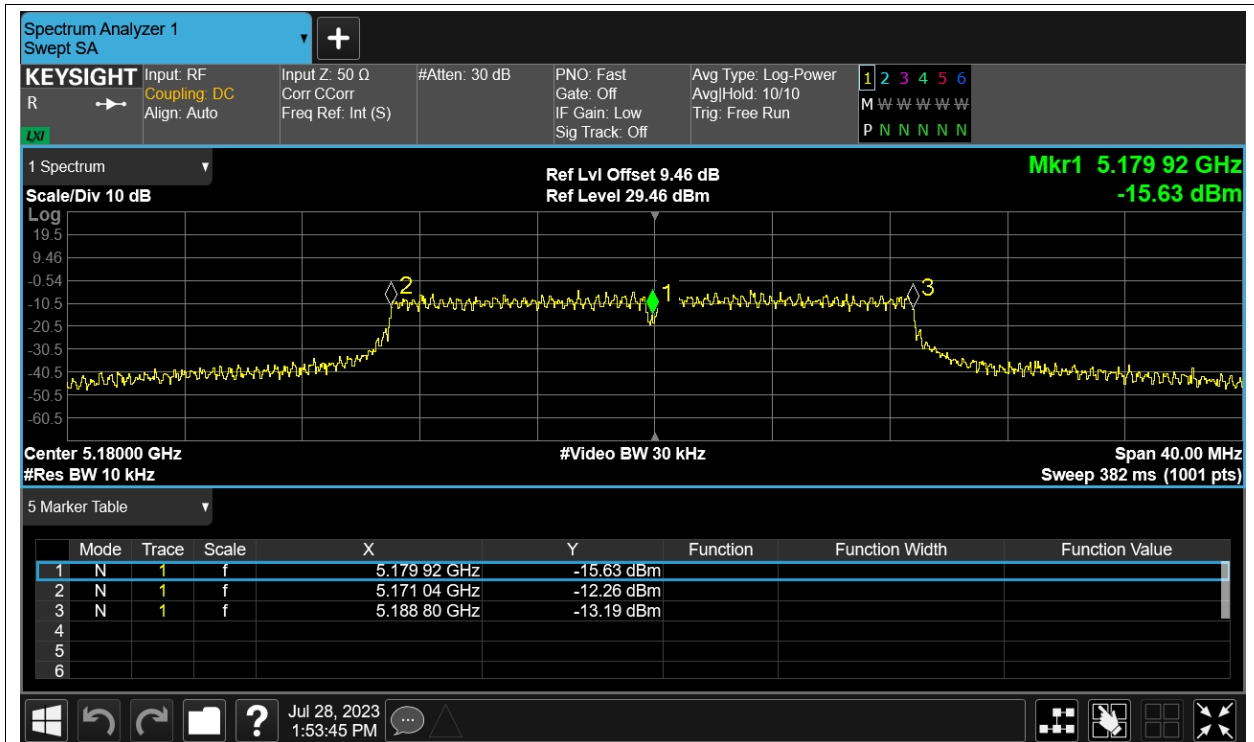
Freq. Stability HVNT ac20 5180MHz Sum



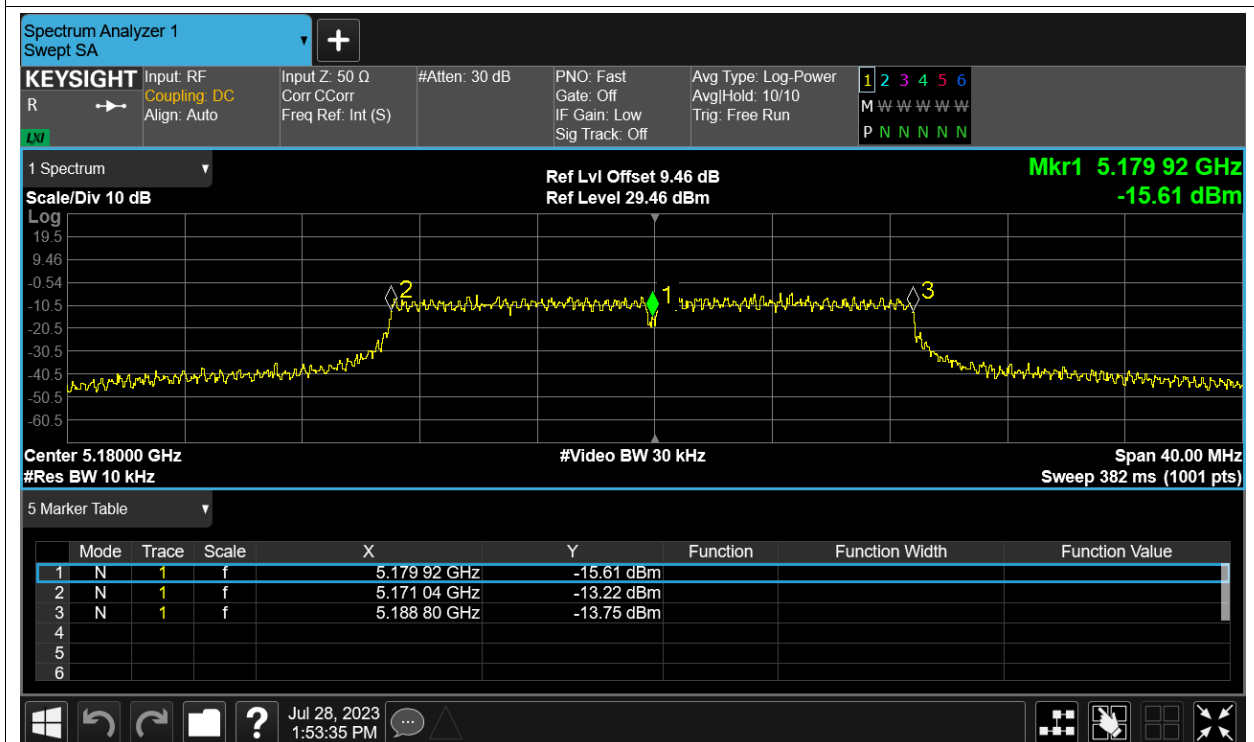
Freq. Stability LVNT ac20 5180MHz Sum



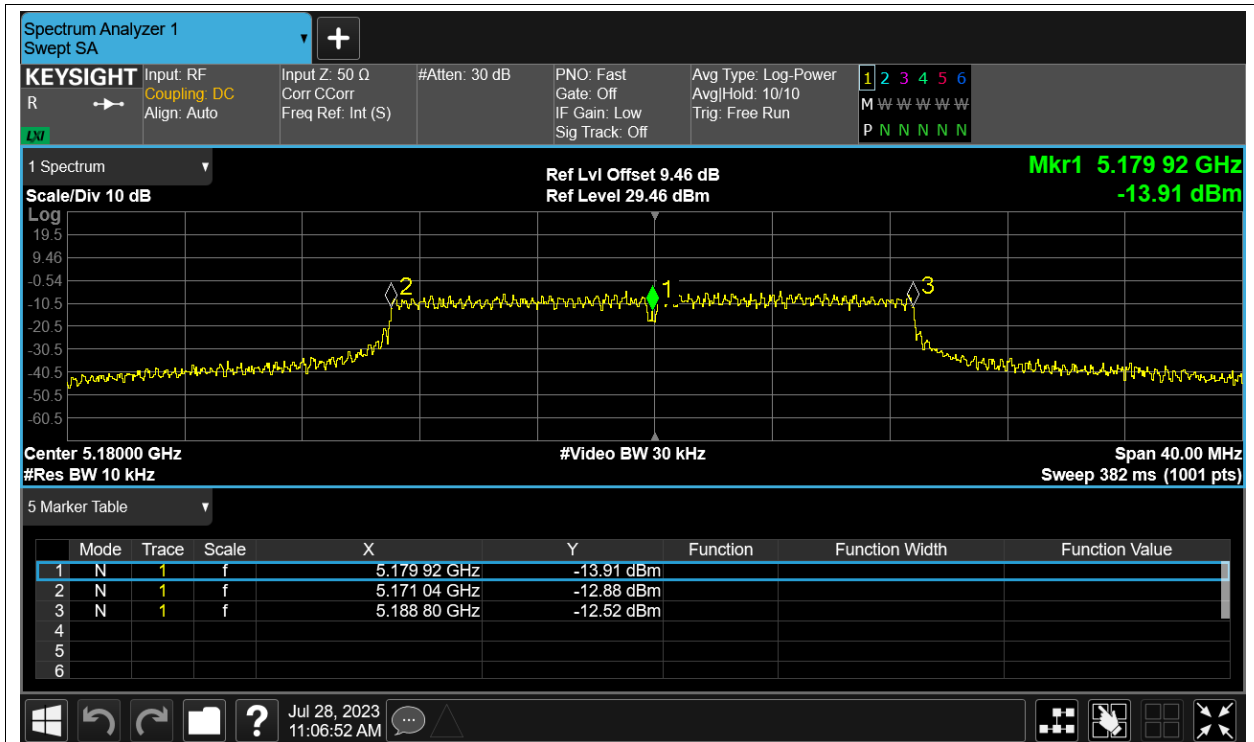
Freq. Stability NVHT ac20 5180MHz Sum



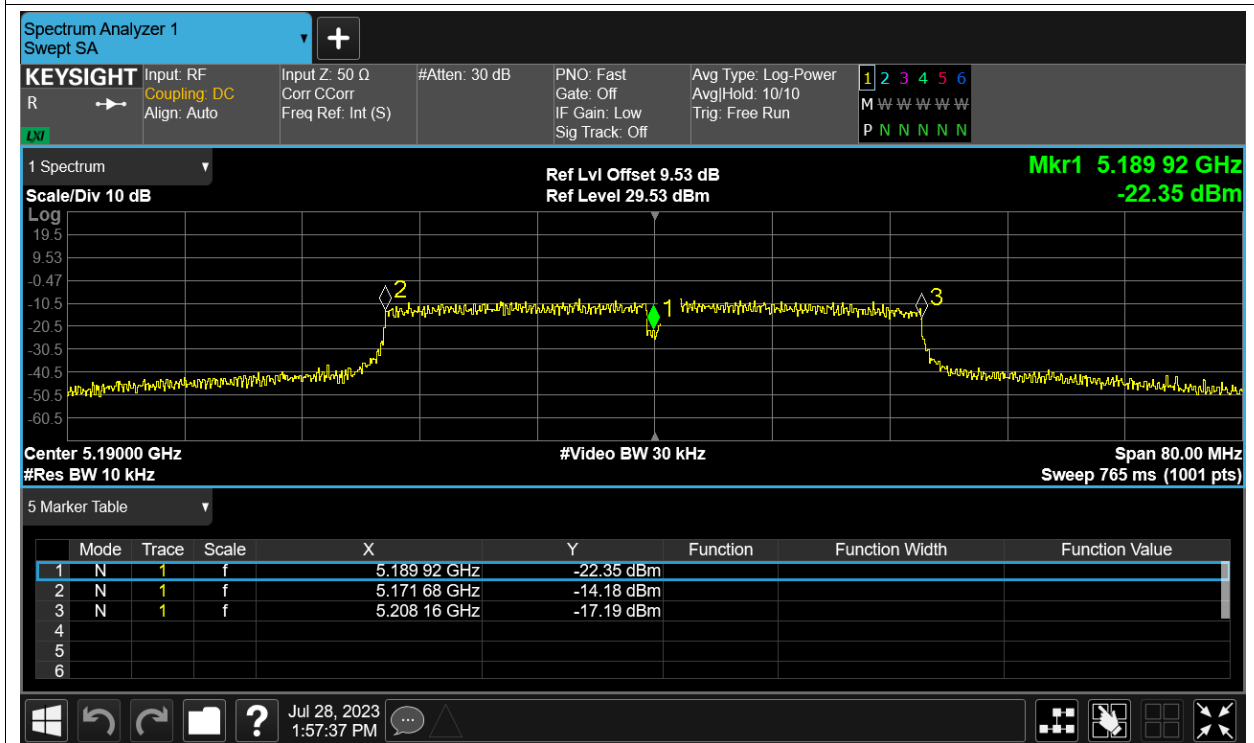
Freq. Stability NVLT ac20 5180MHz Sum



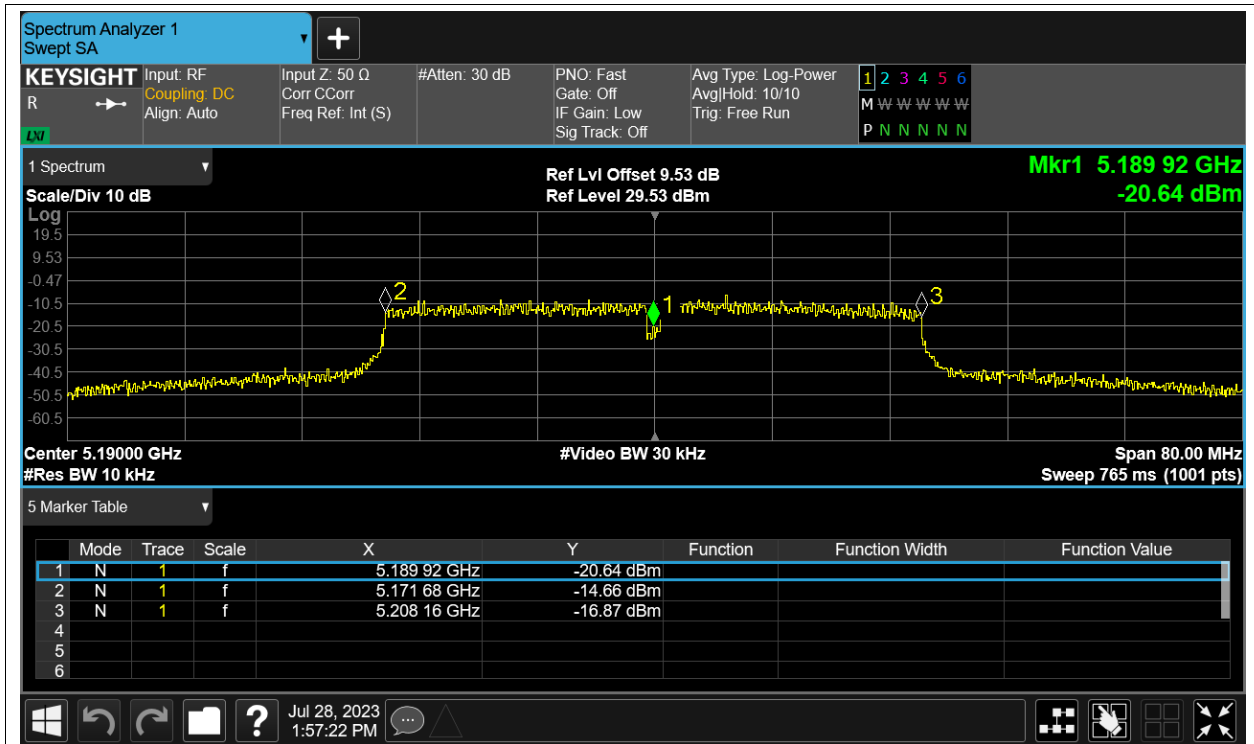
Freq. Stability NVNT ac20 5180MHz Sum



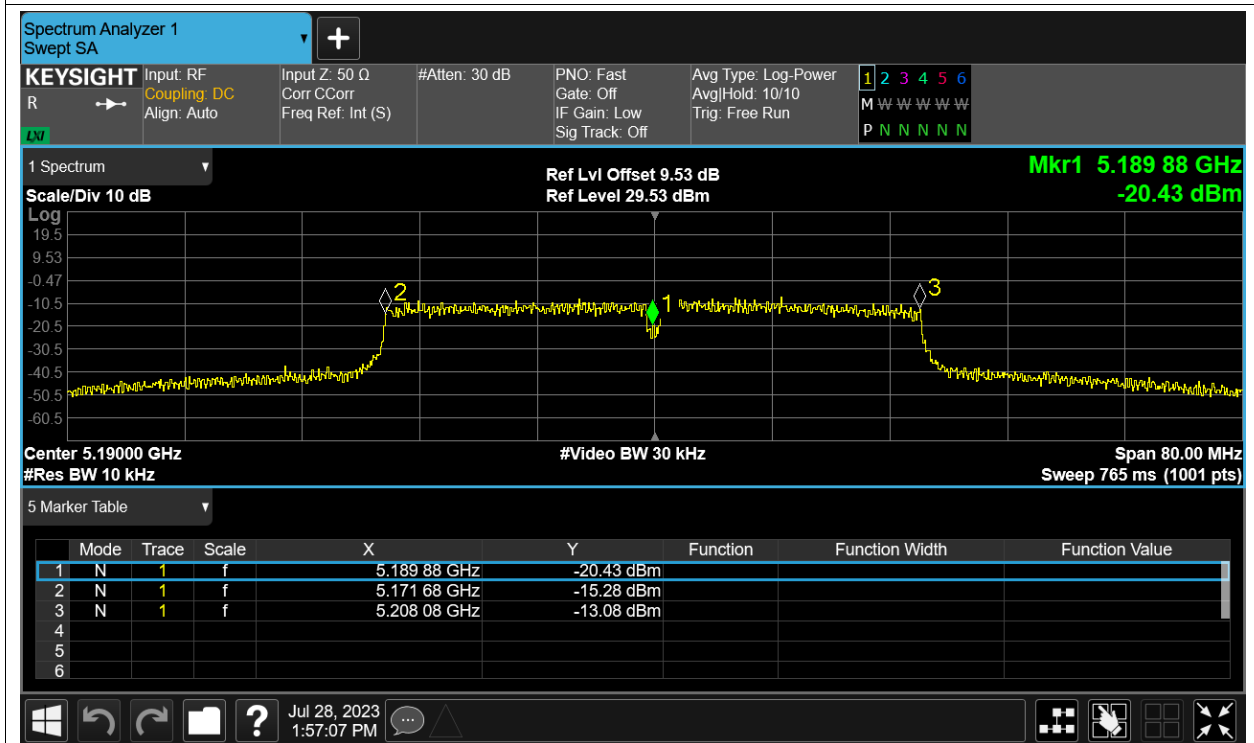
Freq. Stability HVNT ac40 5190MHz Sum



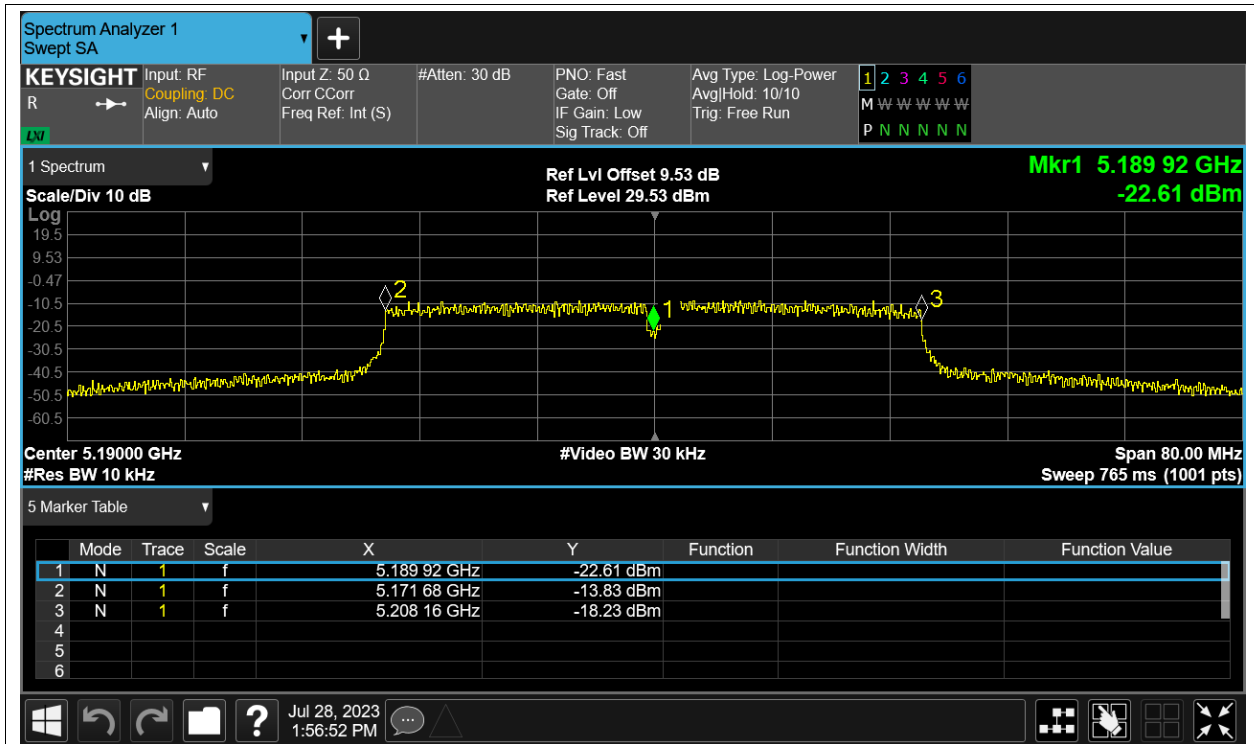
Freq. Stability LVNT ac40 5190MHz Sum



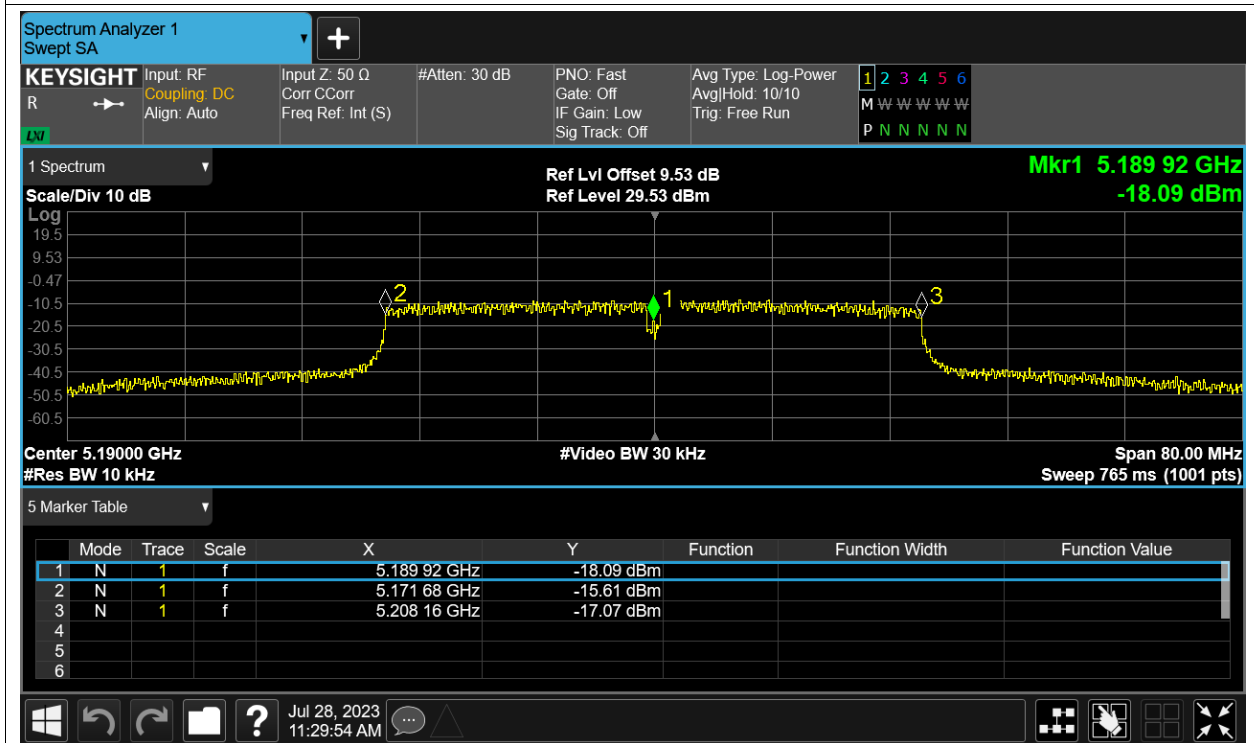
Freq. Stability NVHT ac40 5190MHz Sum



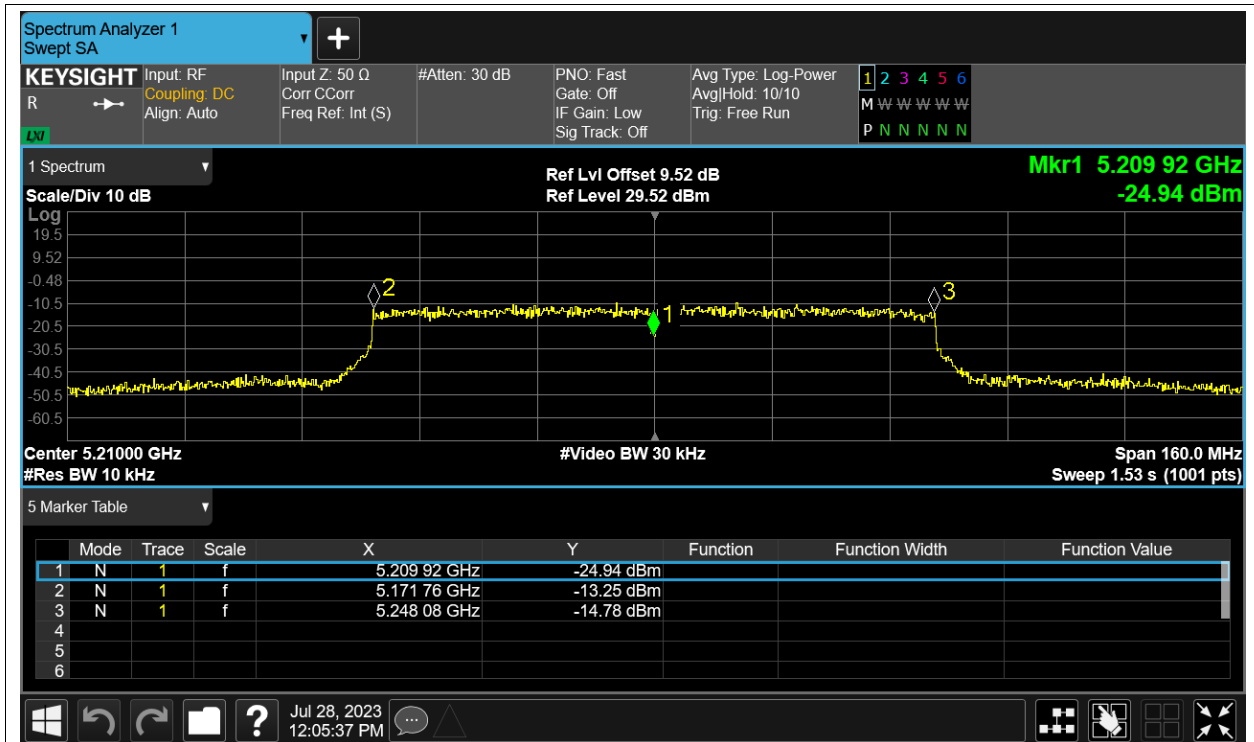
Freq. Stability NVLT ac40 5190MHz Sum



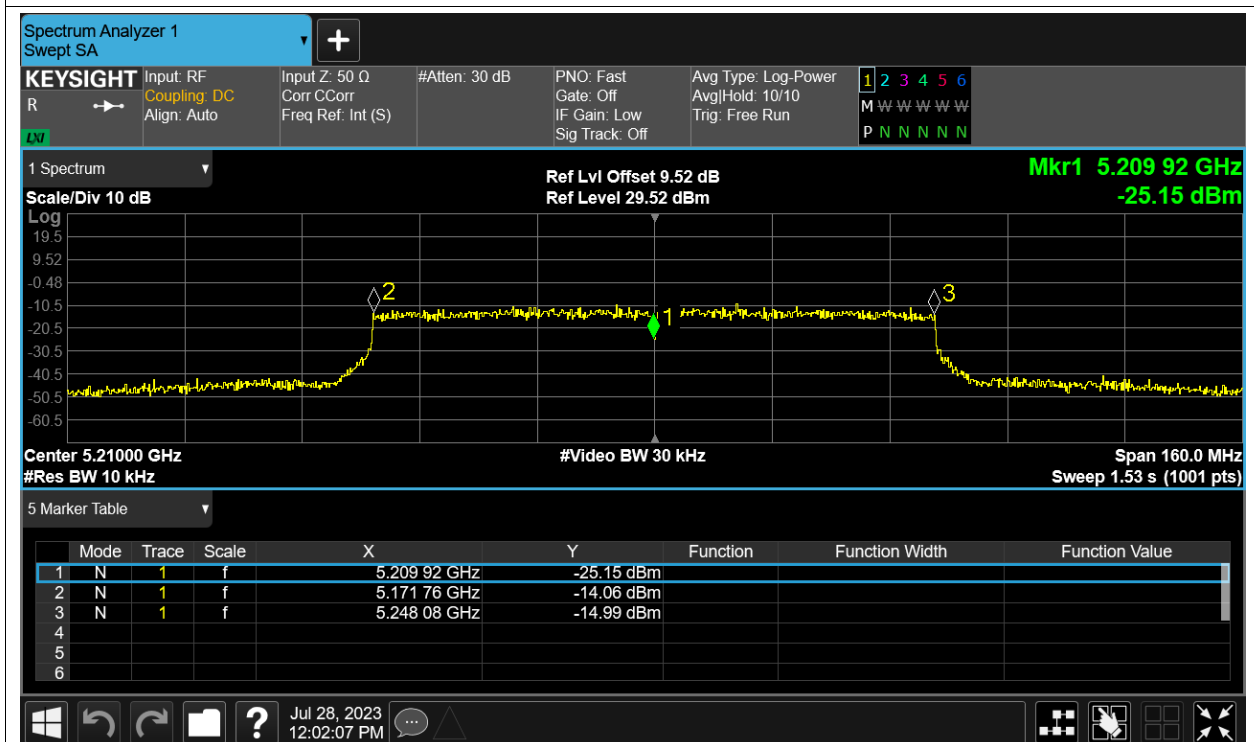
Freq. Stability NVNT ac40 5190MHz Sum



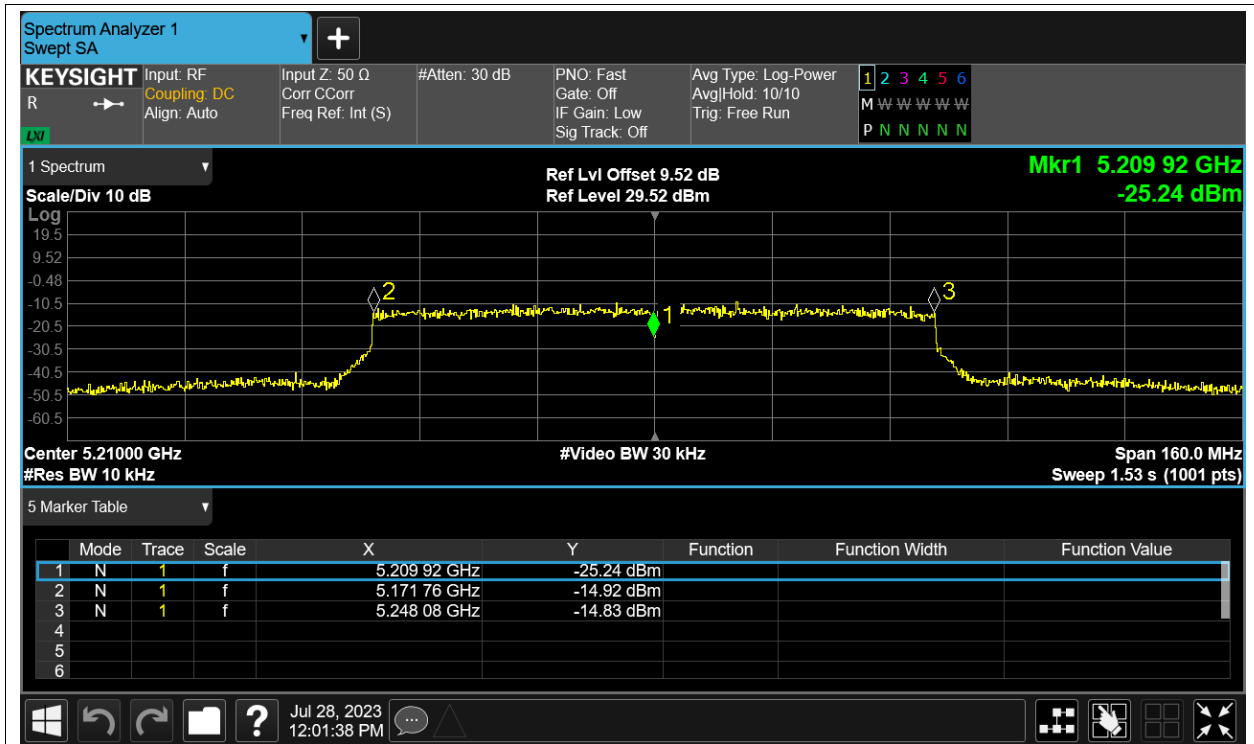
Freq. Stability HVNT ac80 5210MHz Sum



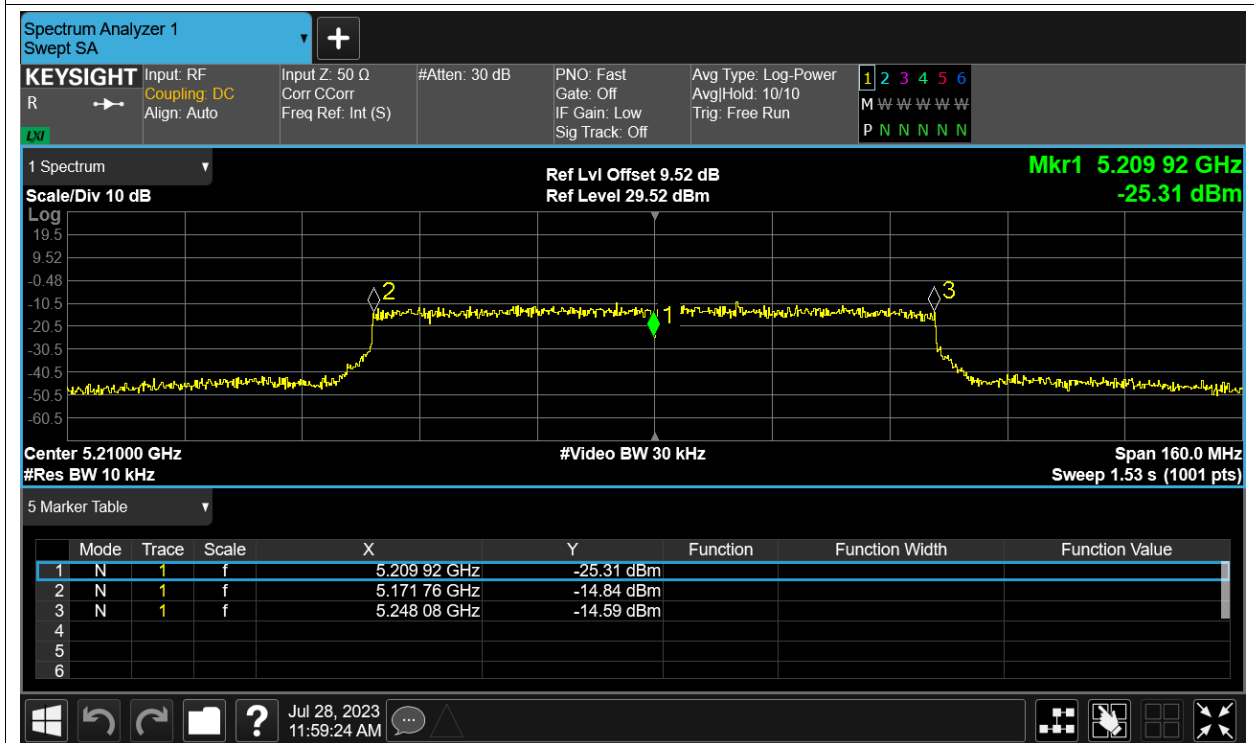
Freq. Stability LVNT ac80 5210MHz Sum



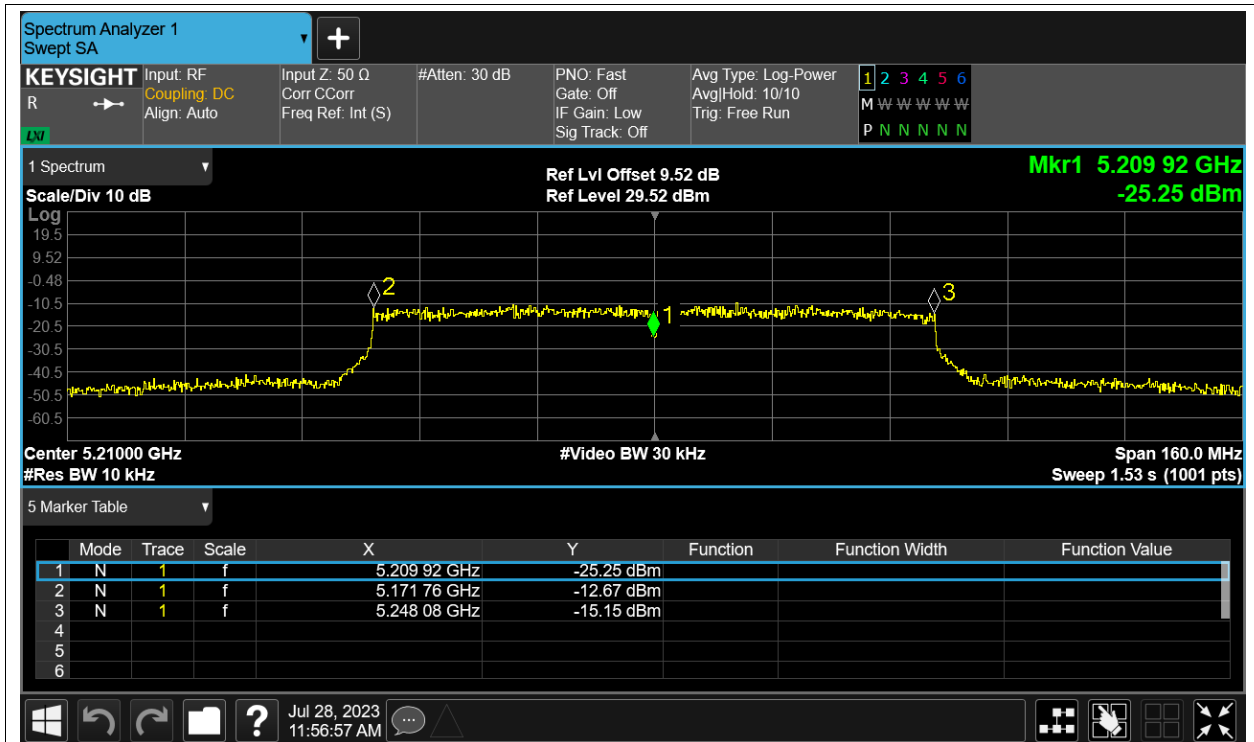
Freq. Stability NVHT ac80 5210MHz Sum



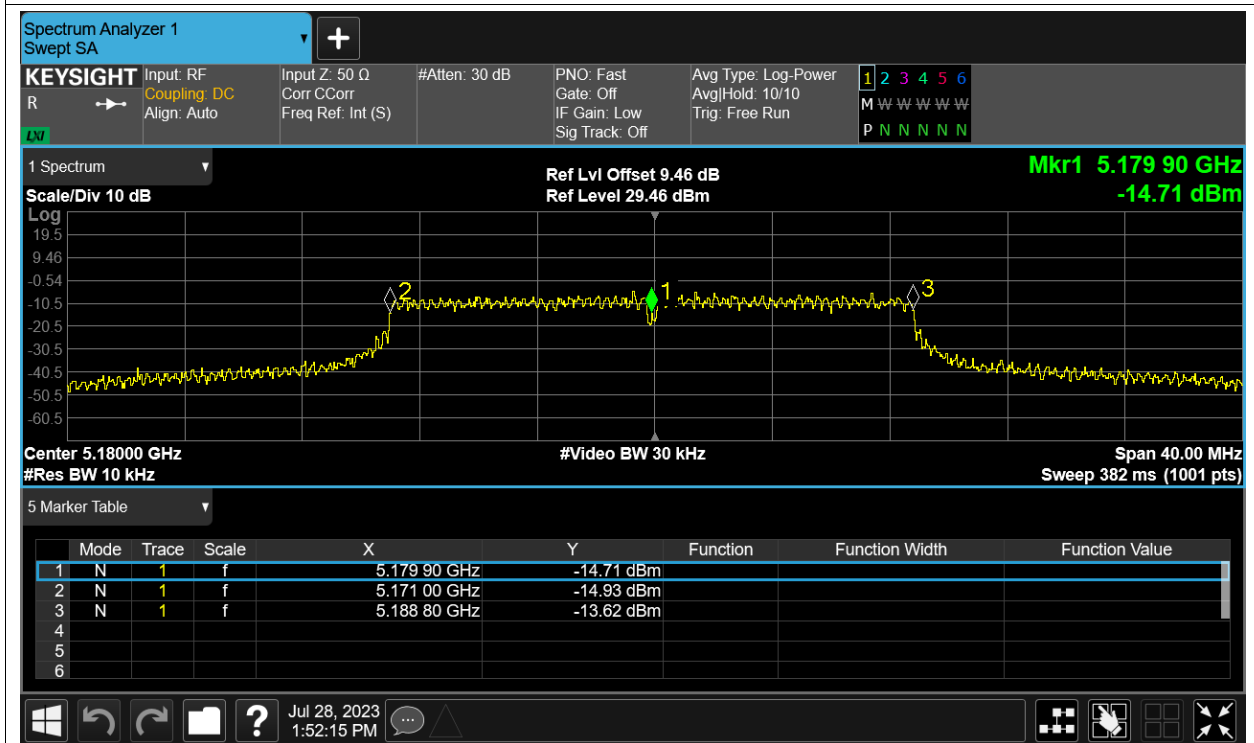
Freq. Stability NVLT ac80 5210MHz Sum



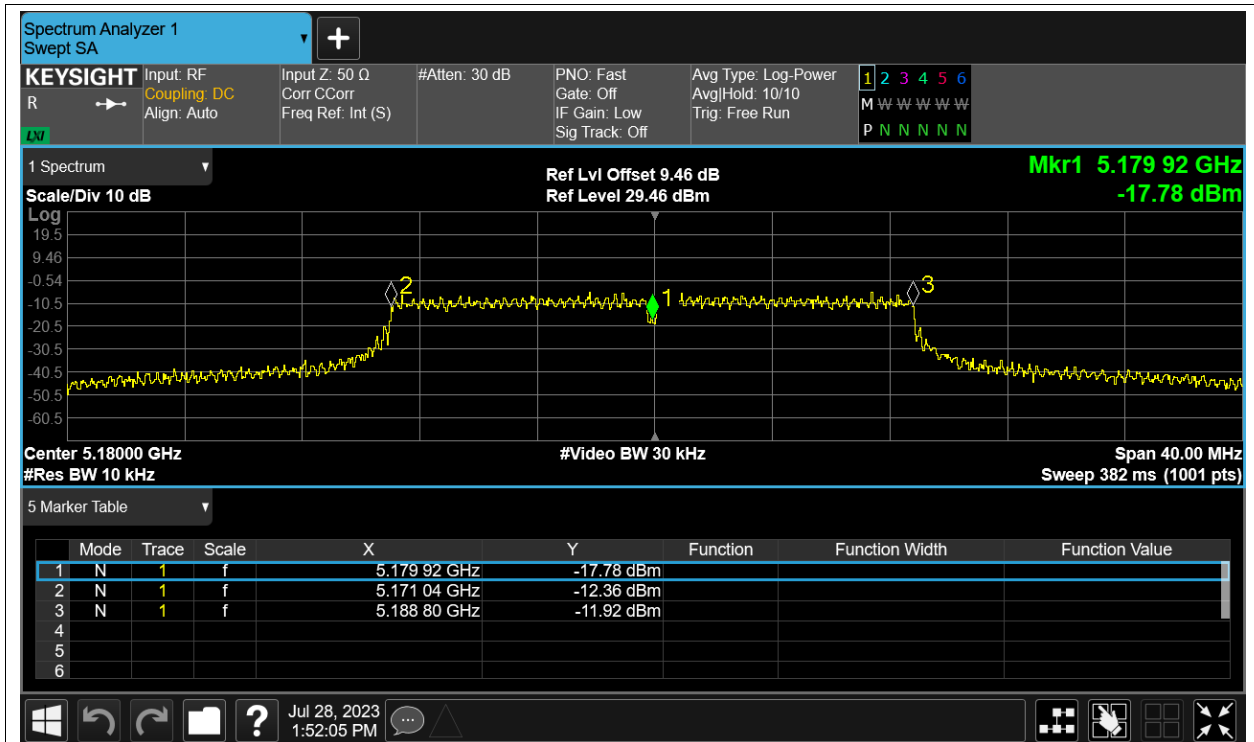
Freq. Stability NVNT ac80 5210MHz Sum



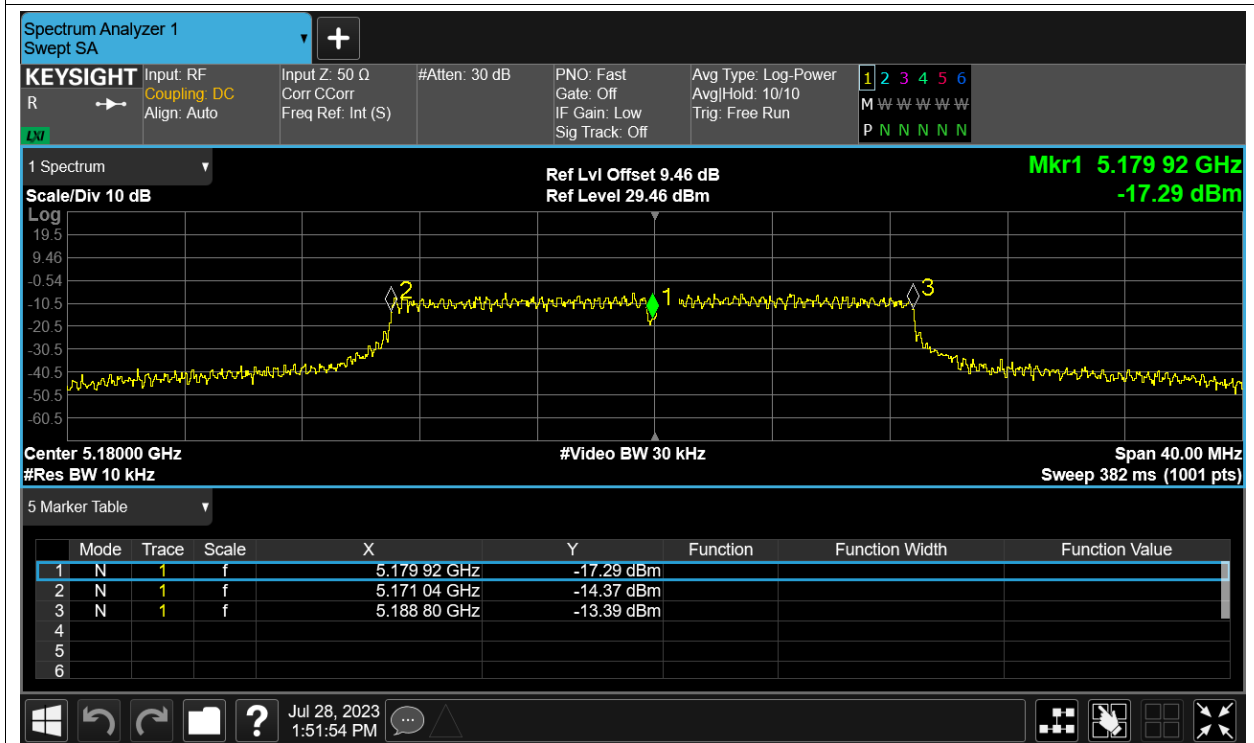
Freq. Stability HVNT n20 5180MHz Sum



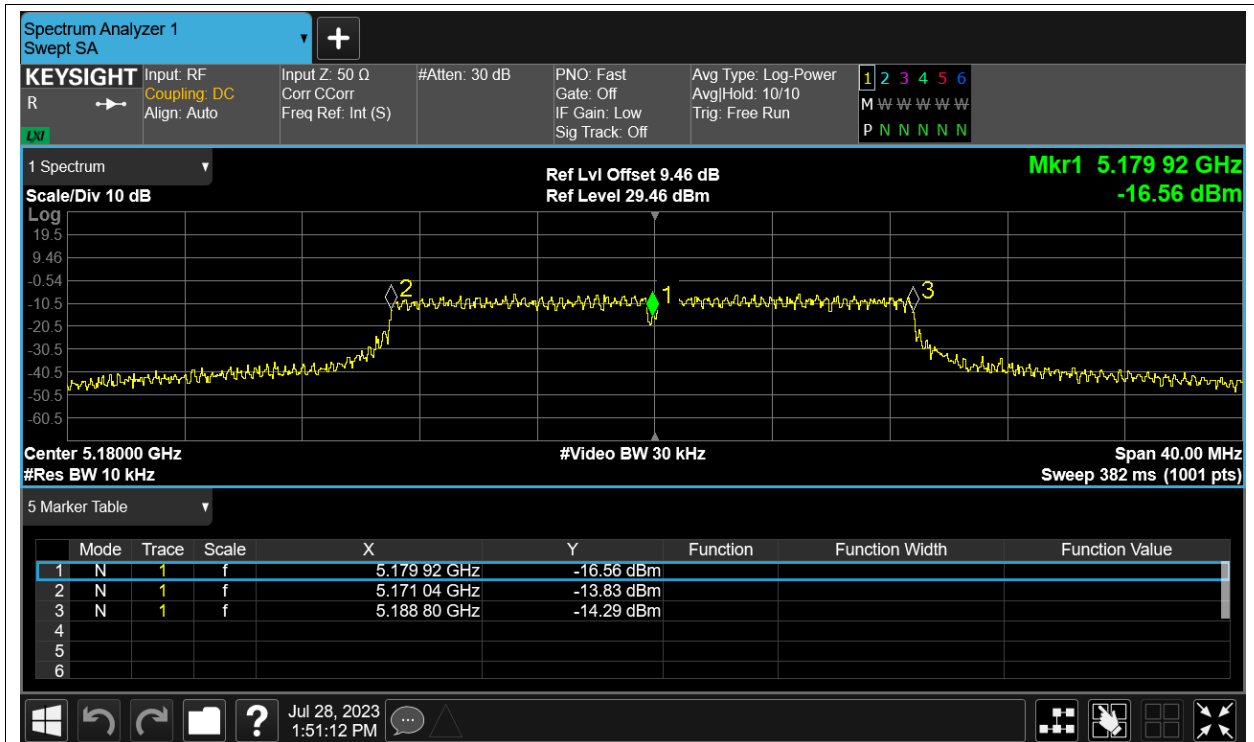
Freq. Stability LVNT n20 5180MHz Sum



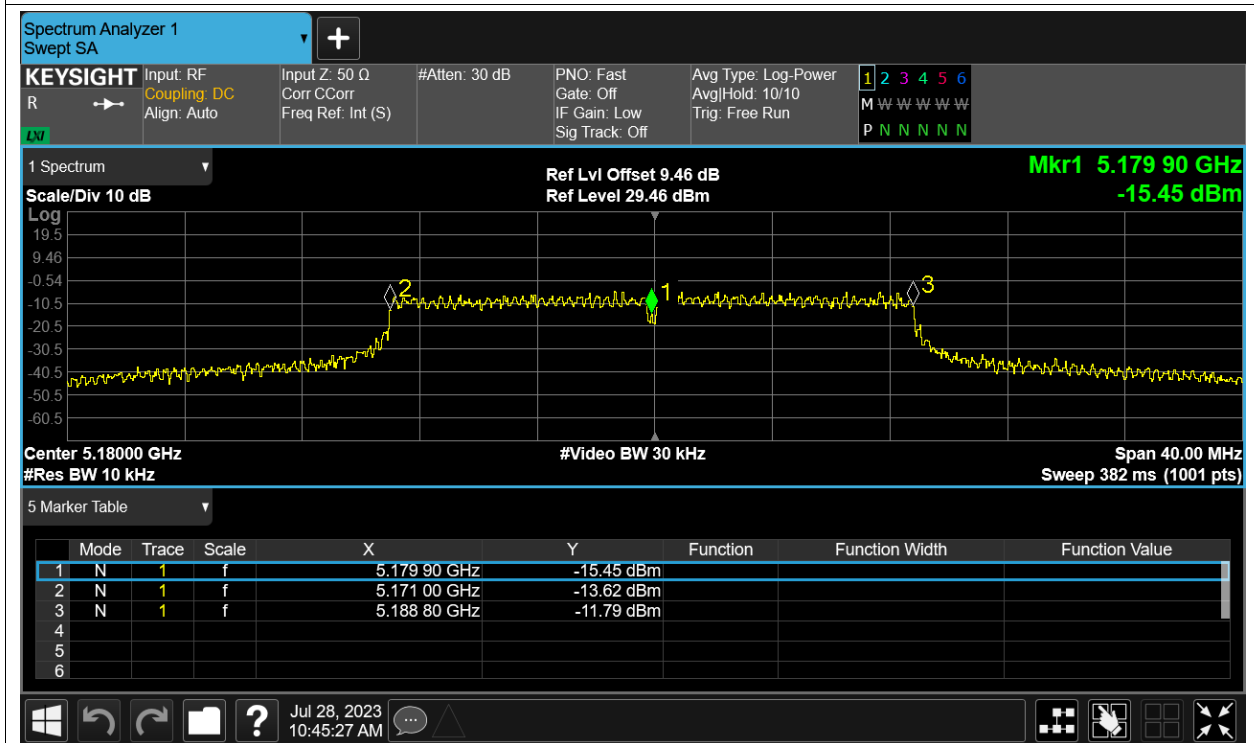
Freq. Stability NVHT n20 5180MHz Sum



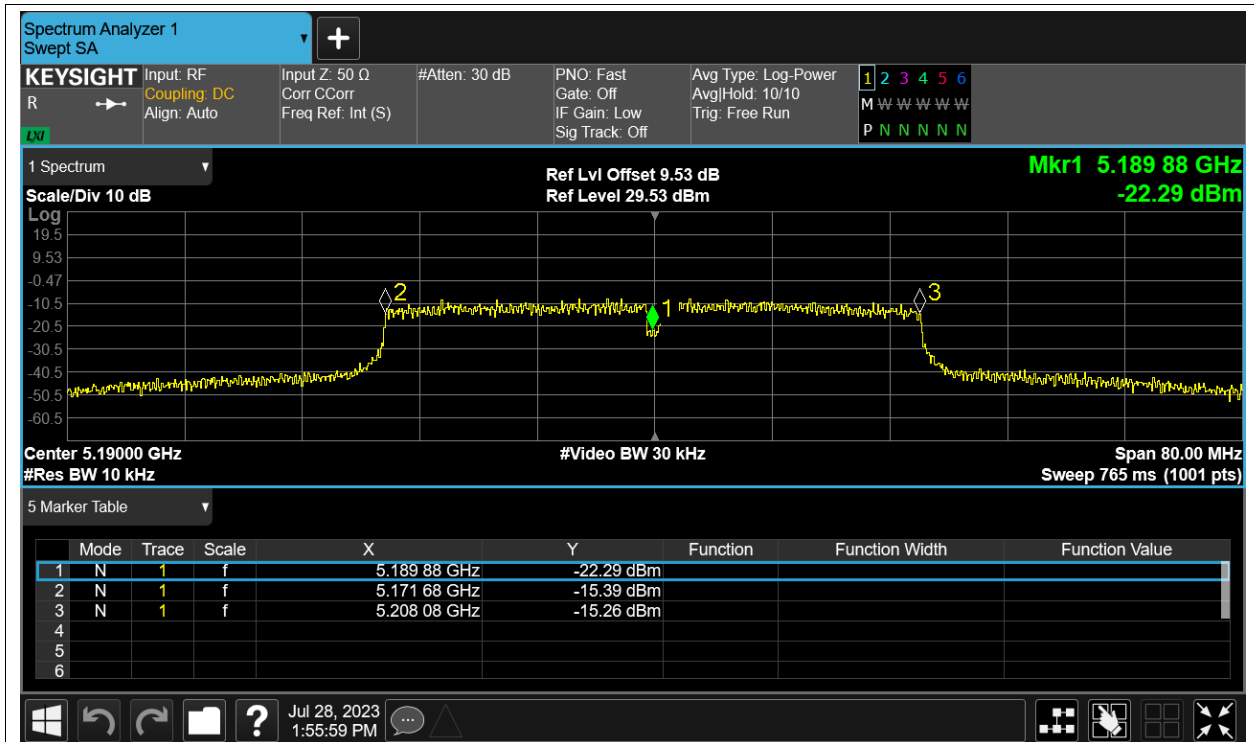
Freq. Stability NVLT n20 5180MHz Sum



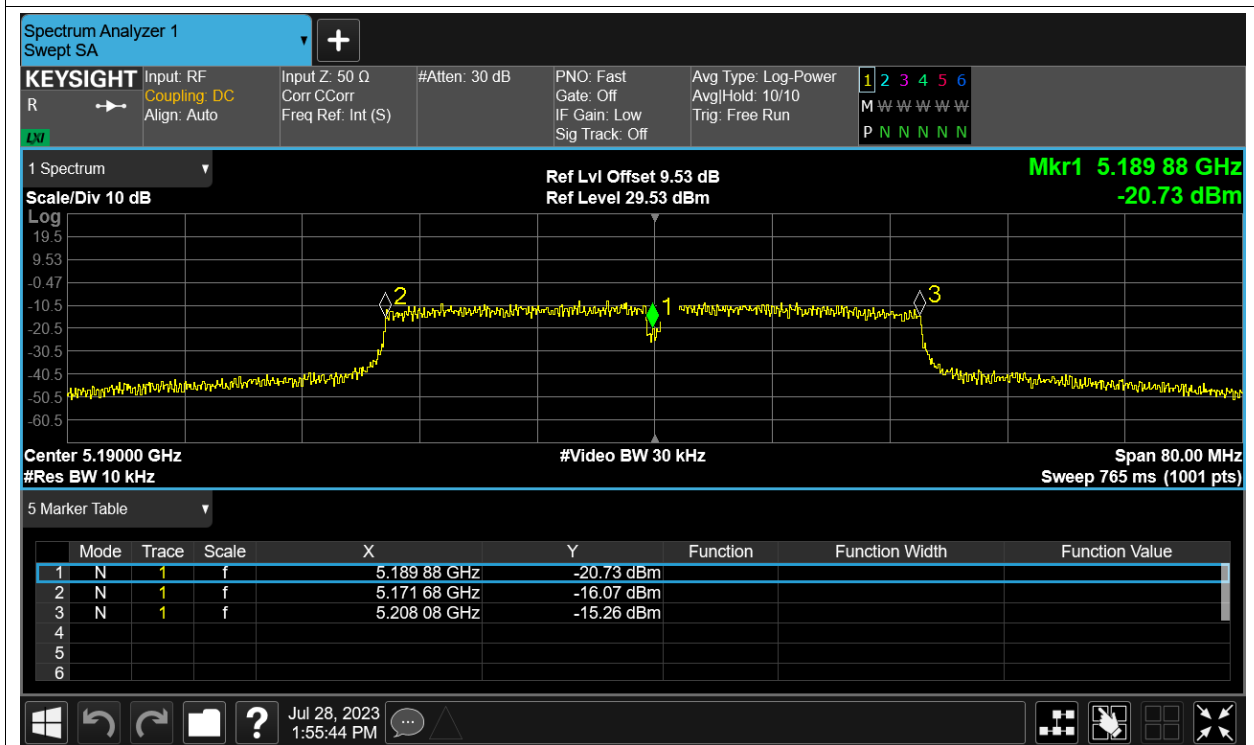
Freq. Stability NVNT n20 5180MHz Sum



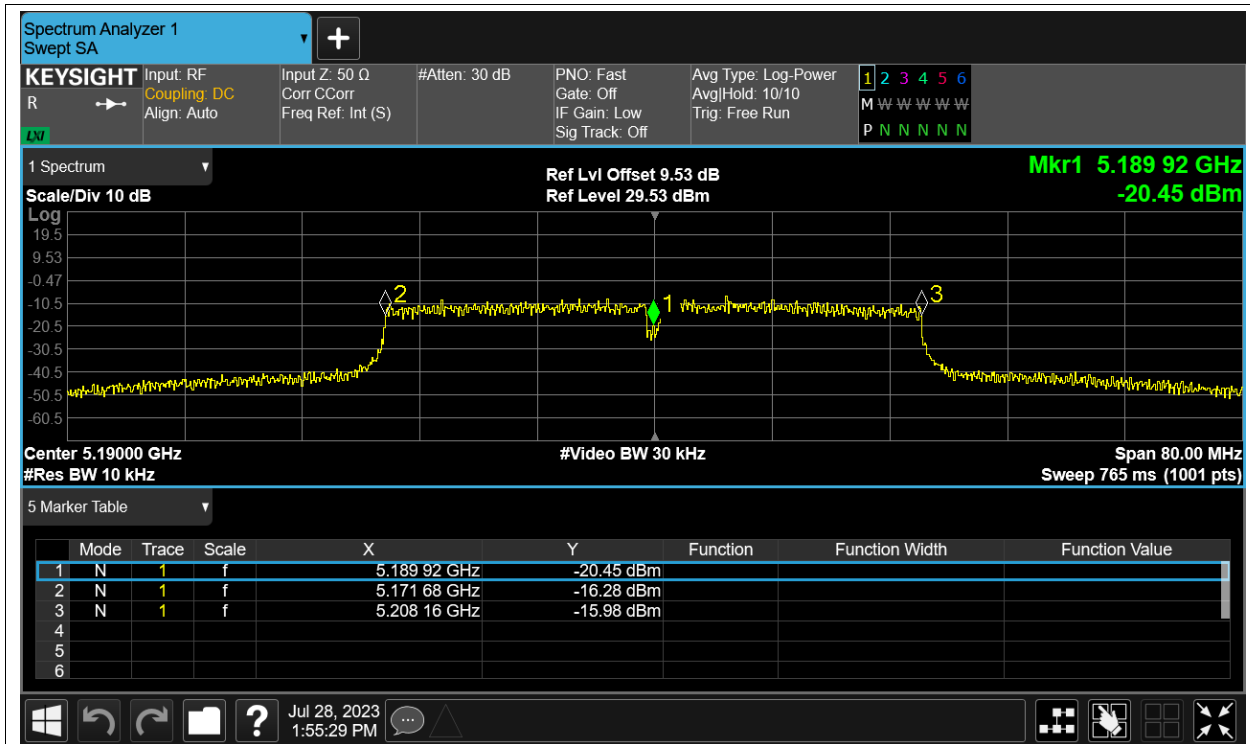
Freq. Stability HVNT n40 5190MHz Sum



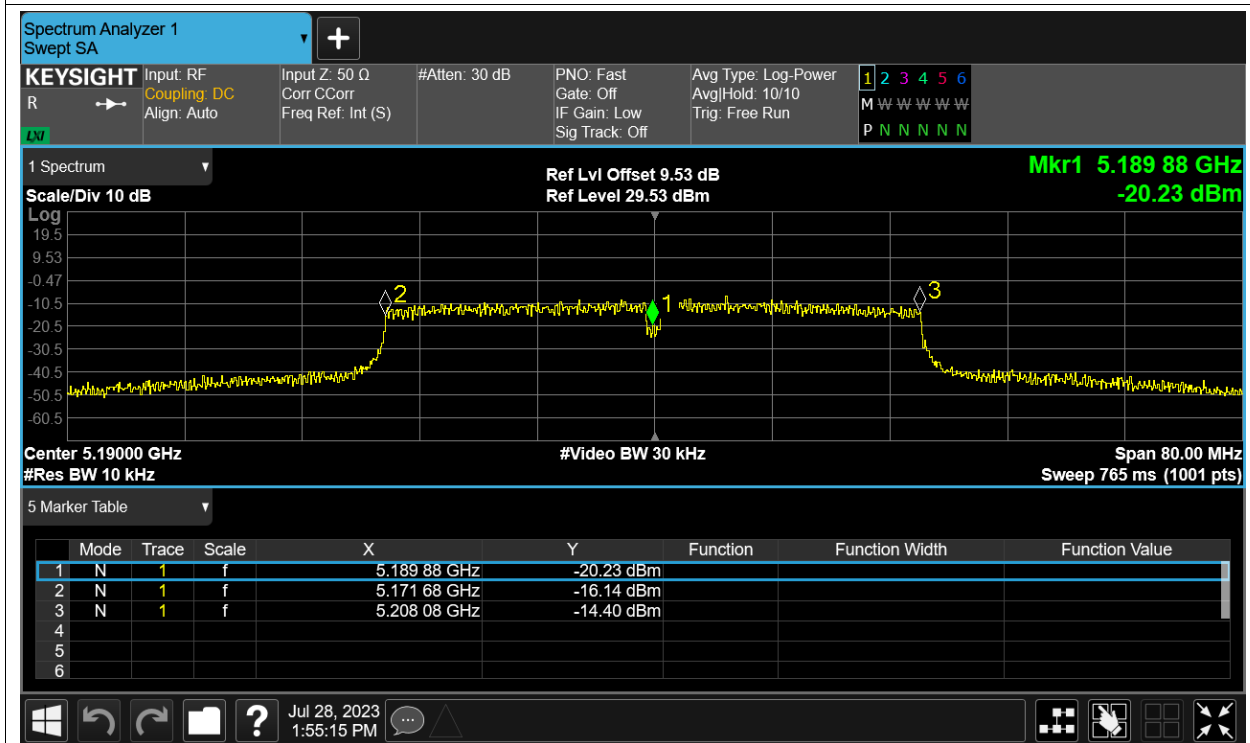
Freq. Stability LVNT n40 5190MHz Sum



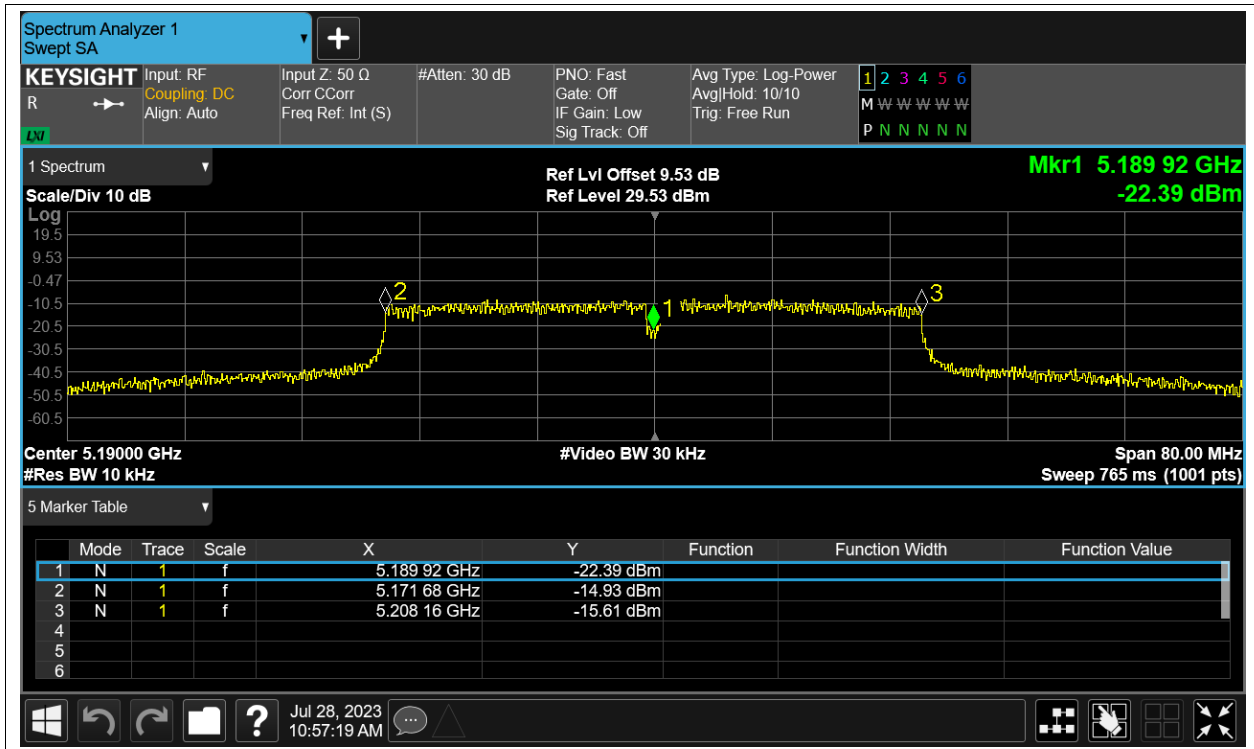
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



Freq. Stability NVNT n40 5190MHz Sum

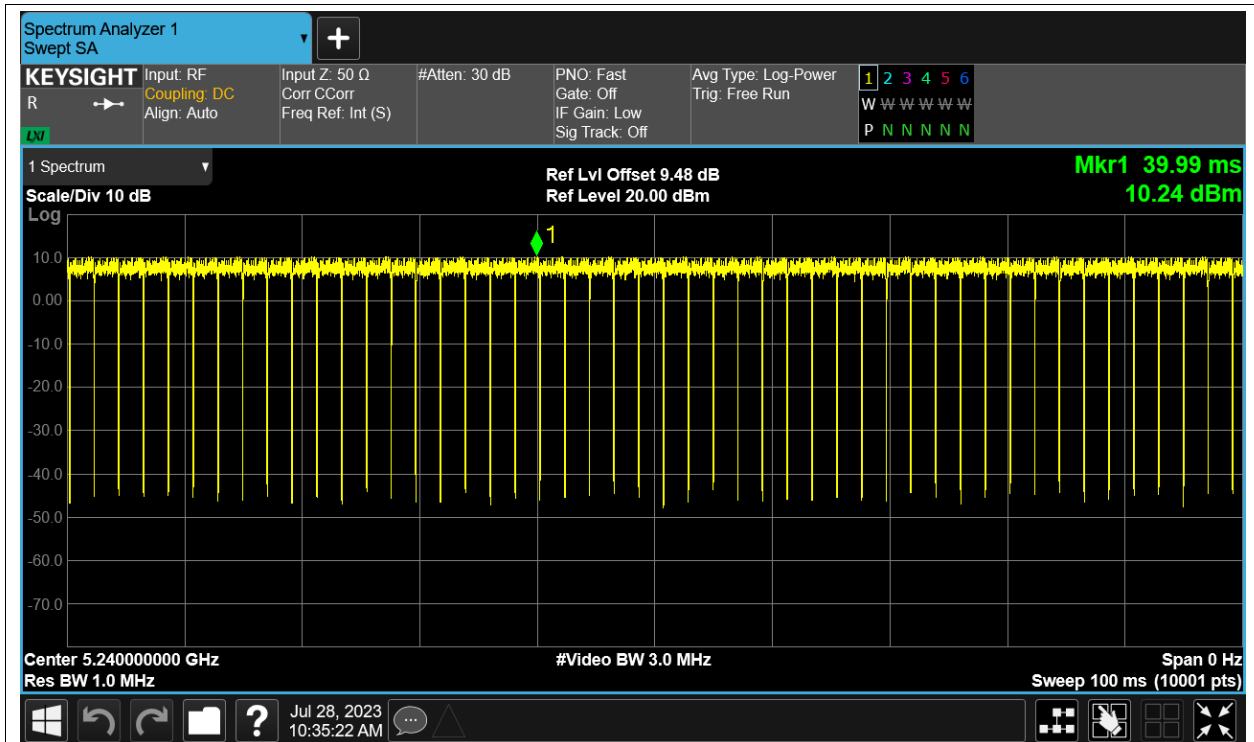


Duty Cycle

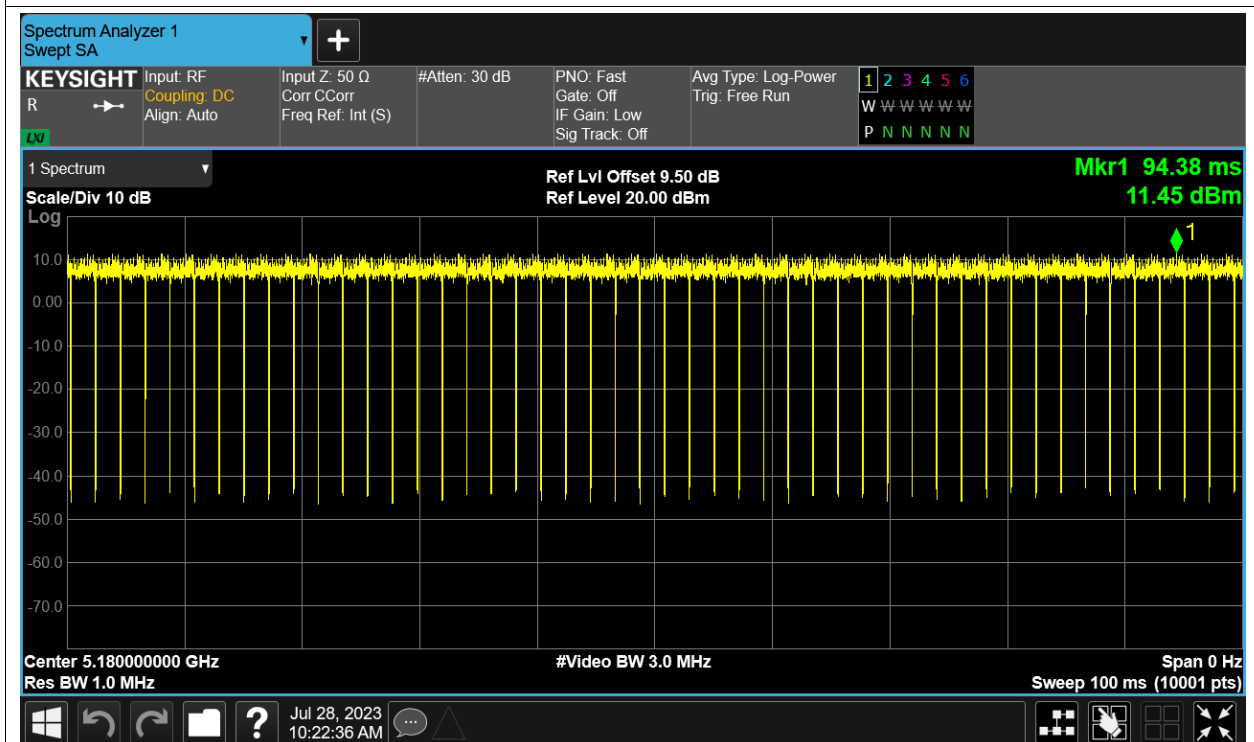
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	96.93	0.14
NVNT	a	5200	Ant1	96.85	0.14
NVNT	a	5240	Ant1	96.83	0.14
NVNT	a	5180	Ant2	96.86	0.14
NVNT	a	5200	Ant2	96.86	0.14
NVNT	a	5240	Ant2	96.84	0.14
NVNT	ac20	5180	Sum	98.63	0.06
NVNT	ac20	5200	Sum	98.74	0.06
NVNT	ac20	5240	Sum	98.74	0.06
NVNT	ac40	5190	Sum	100	0
NVNT	ac40	5230	Sum	97.24	0.12
NVNT	ac80	5210	Sum	94.63	0.24
NVNT	n20	5180	Sum	98.77	0.05
NVNT	n20	5200	Sum	98.7	0.06
NVNT	n20	5240	Sum	98.7	0.06
NVNT	n40	5190	Sum	97.29	0.12
NVNT	n40	5230	Sum	97.22	0.12

Duty Cycle NVNT a 5180MHz Ant1

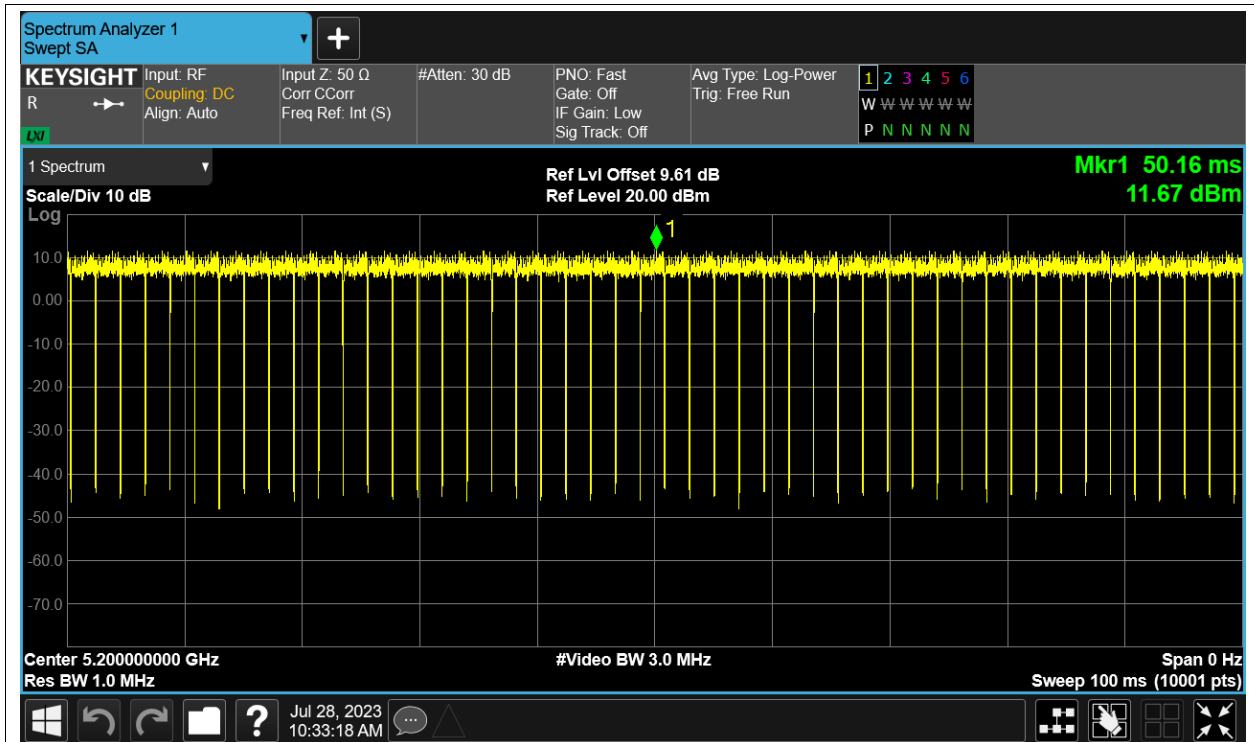




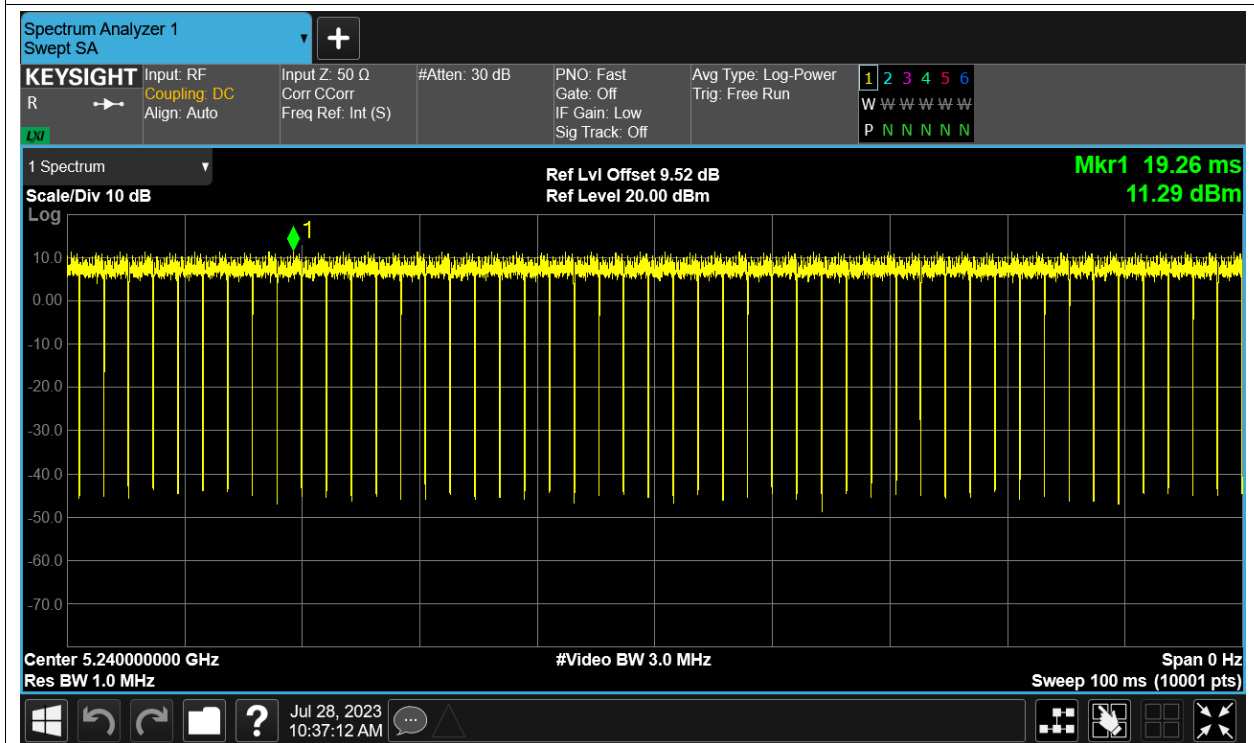
Duty Cycle NVNT a 5180MHz Ant2



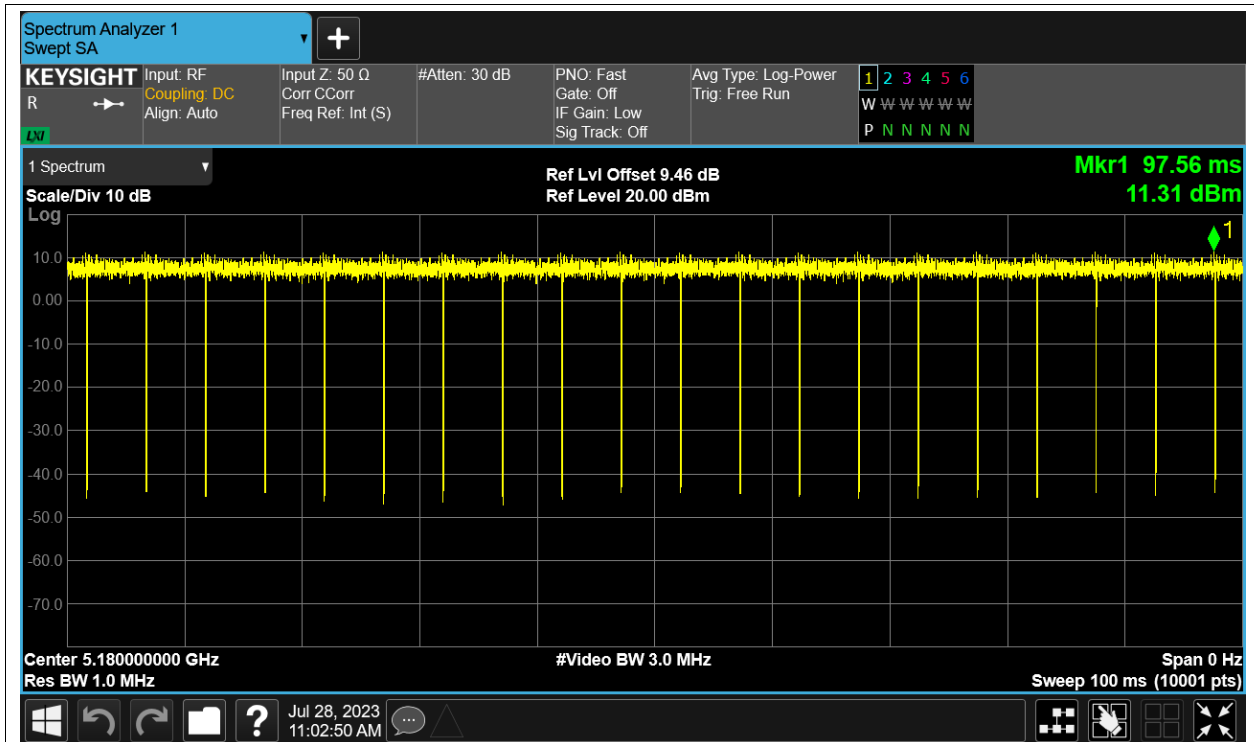
Duty Cycle NVNT a 5200MHz Ant2



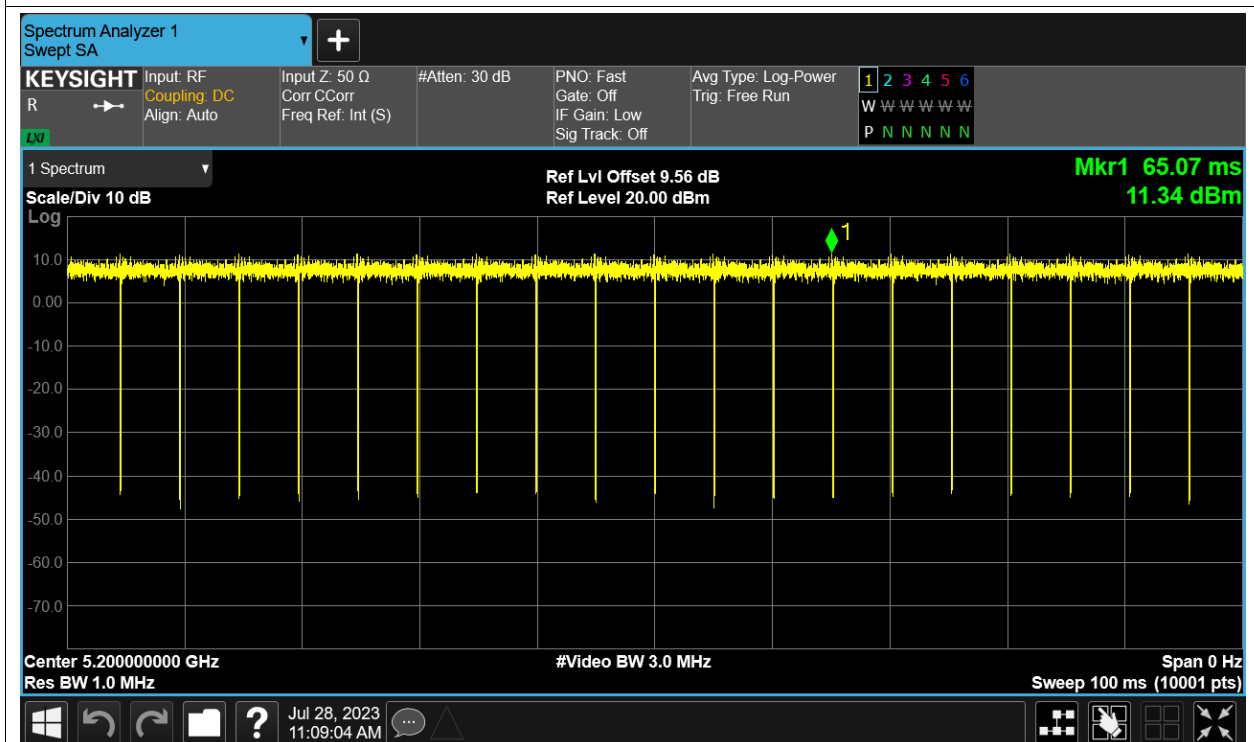
Duty Cycle NVNT a 5240MHz Ant2



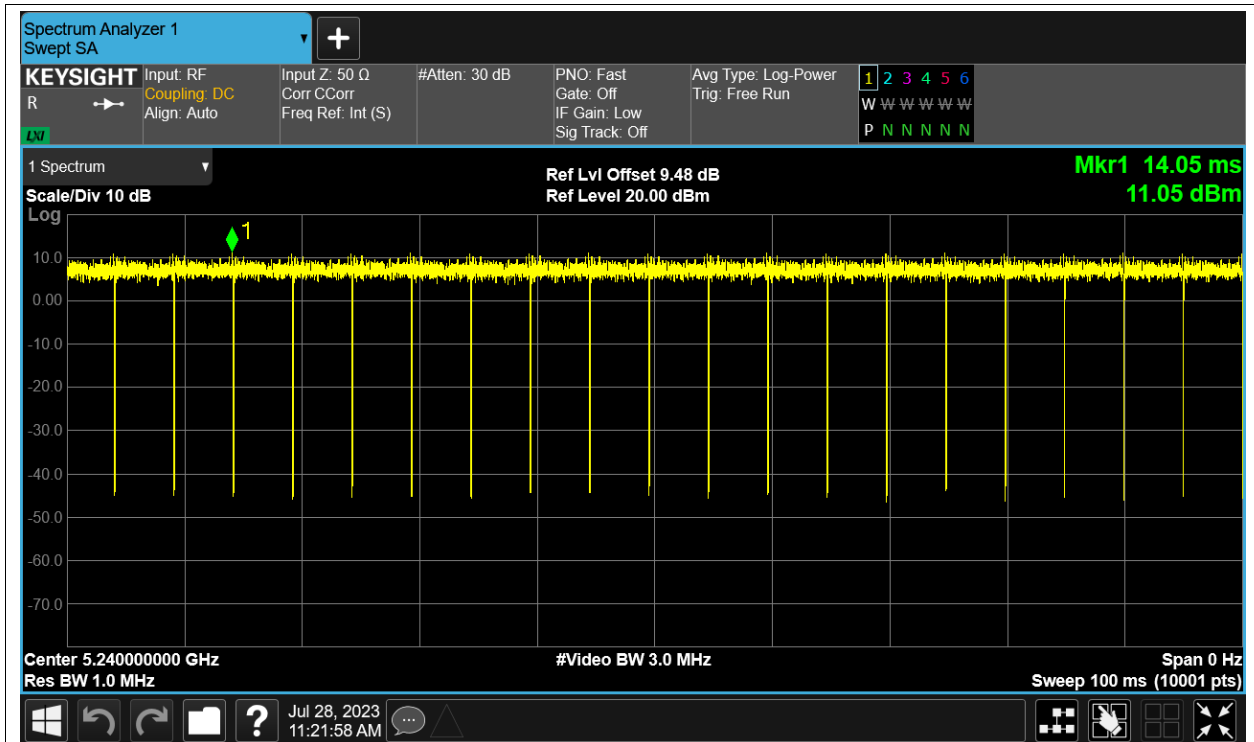
Duty Cycle NVNT ac20 5180MHz Sum



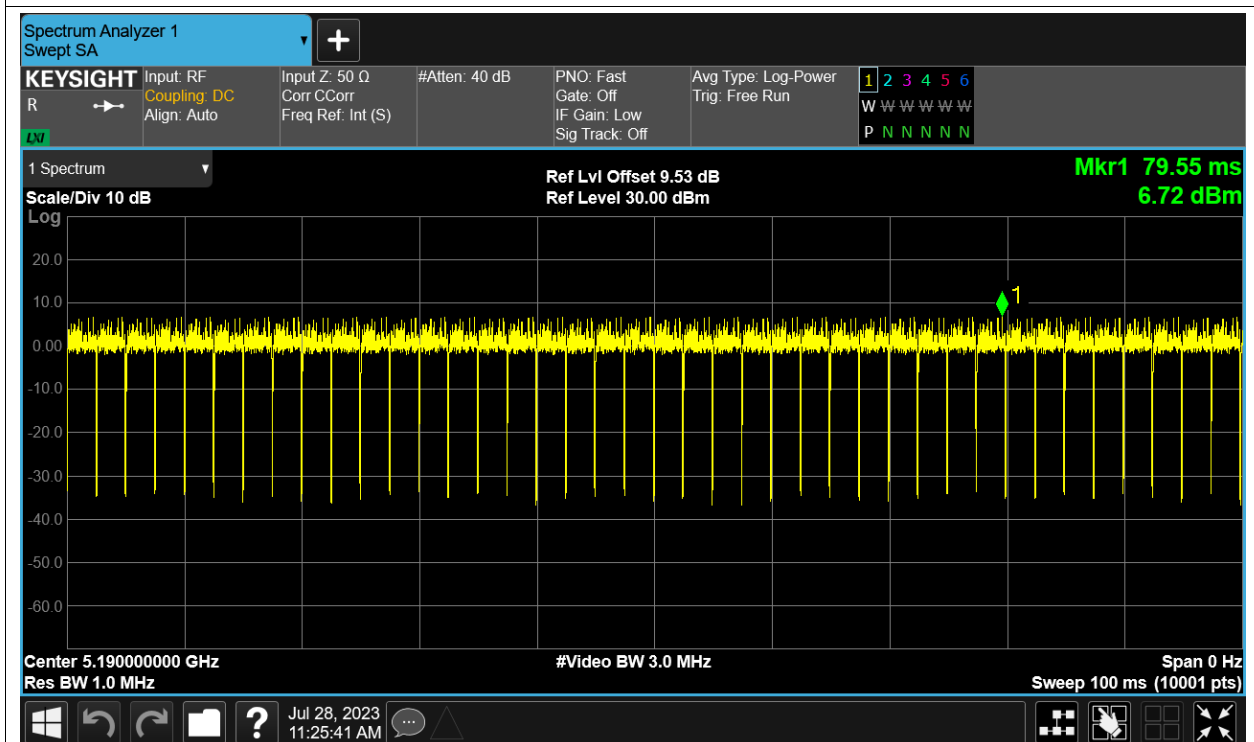
Duty Cycle NVNT ac20 5200MHz Sum



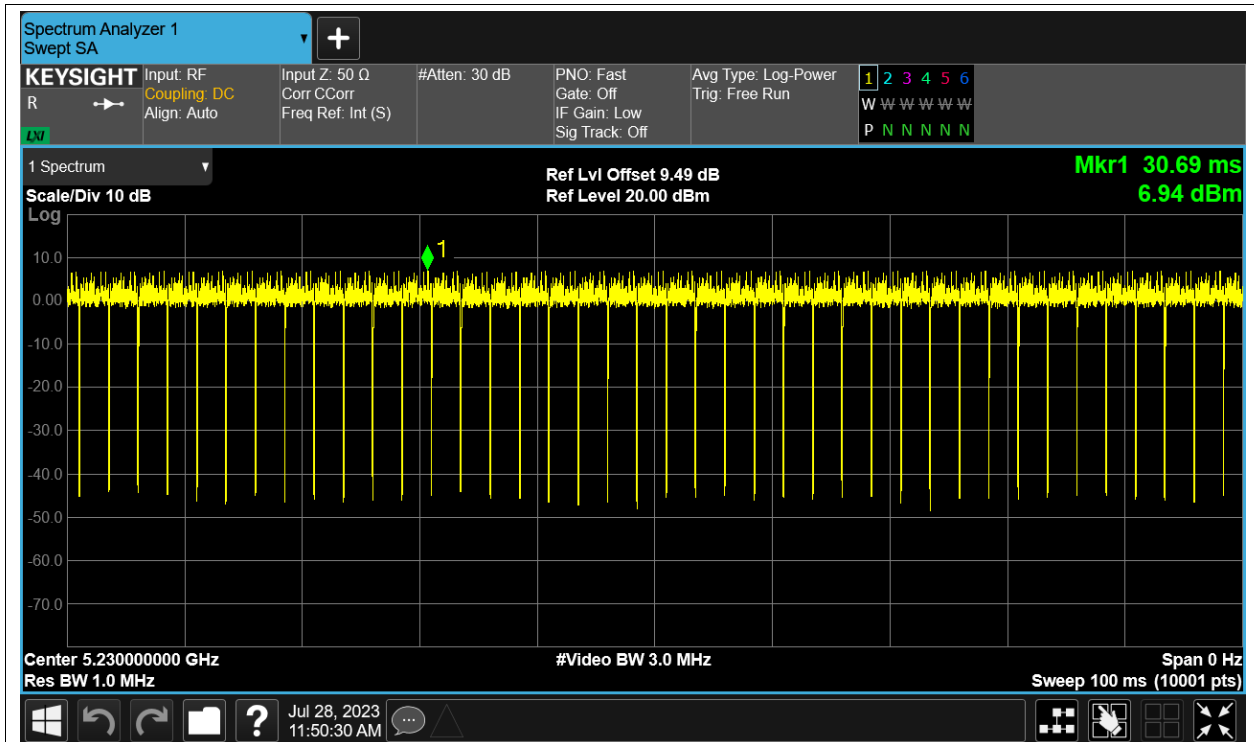
Duty Cycle NVNT ac20 5240MHz Sum



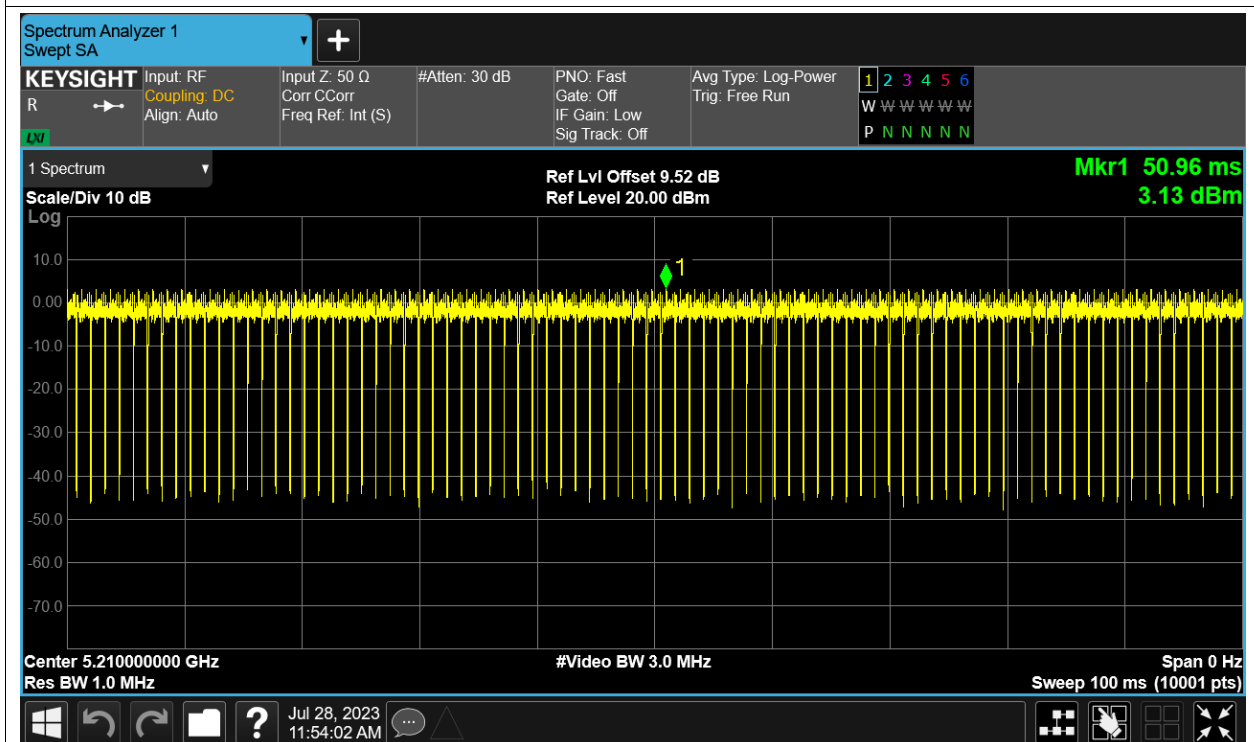
Duty Cycle NVNT ac40 5190MHz Sum



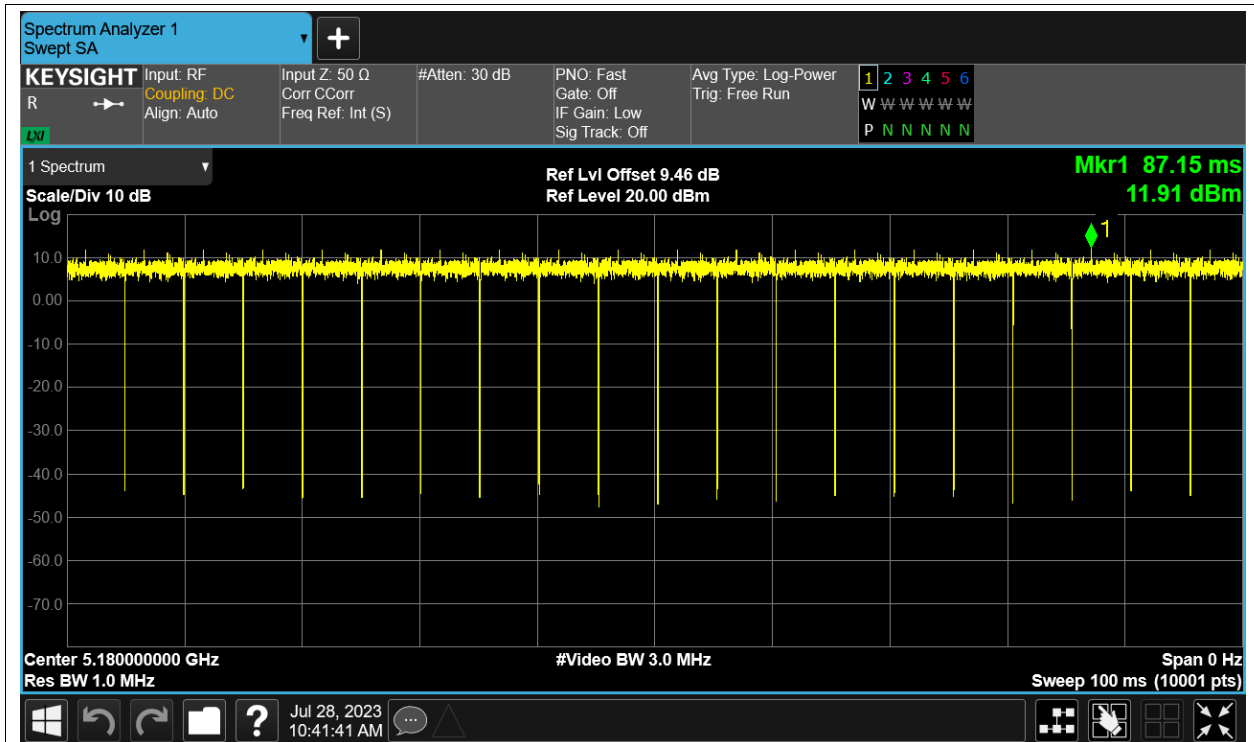
Duty Cycle NVNT ac40 5230MHz Sum



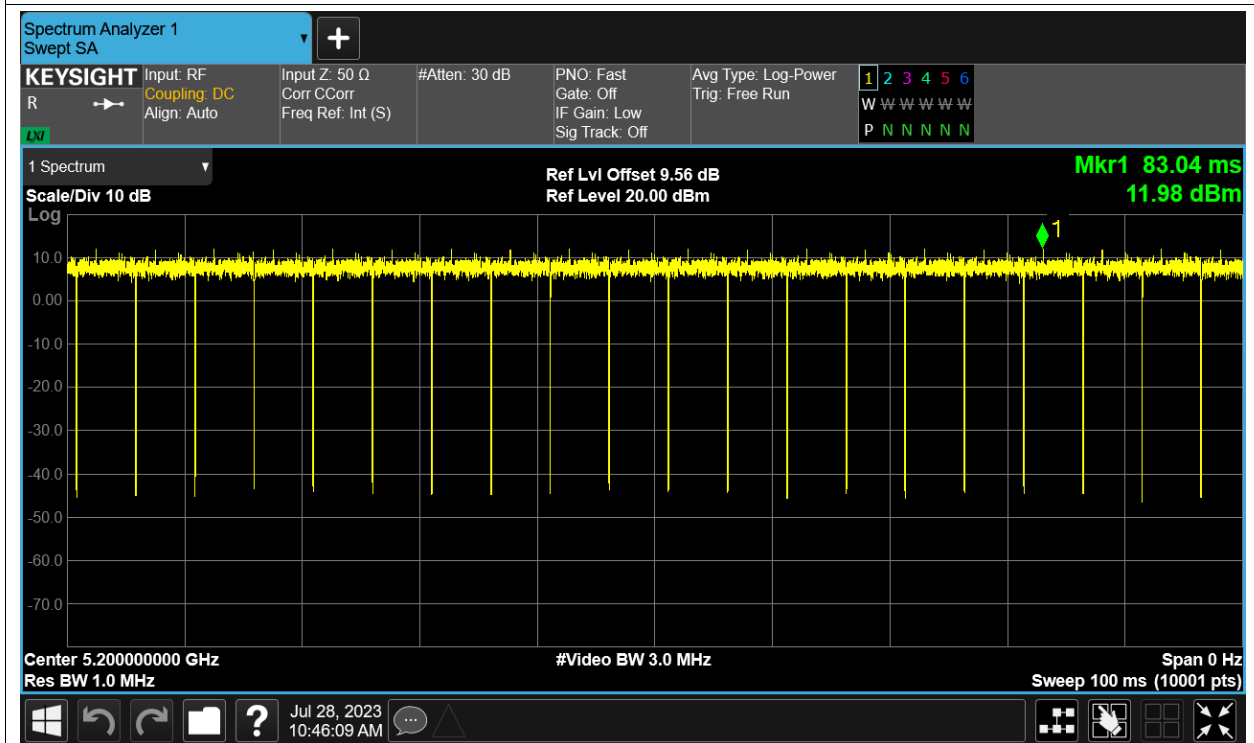
Duty Cycle NVNT ac80 5210MHz Sum



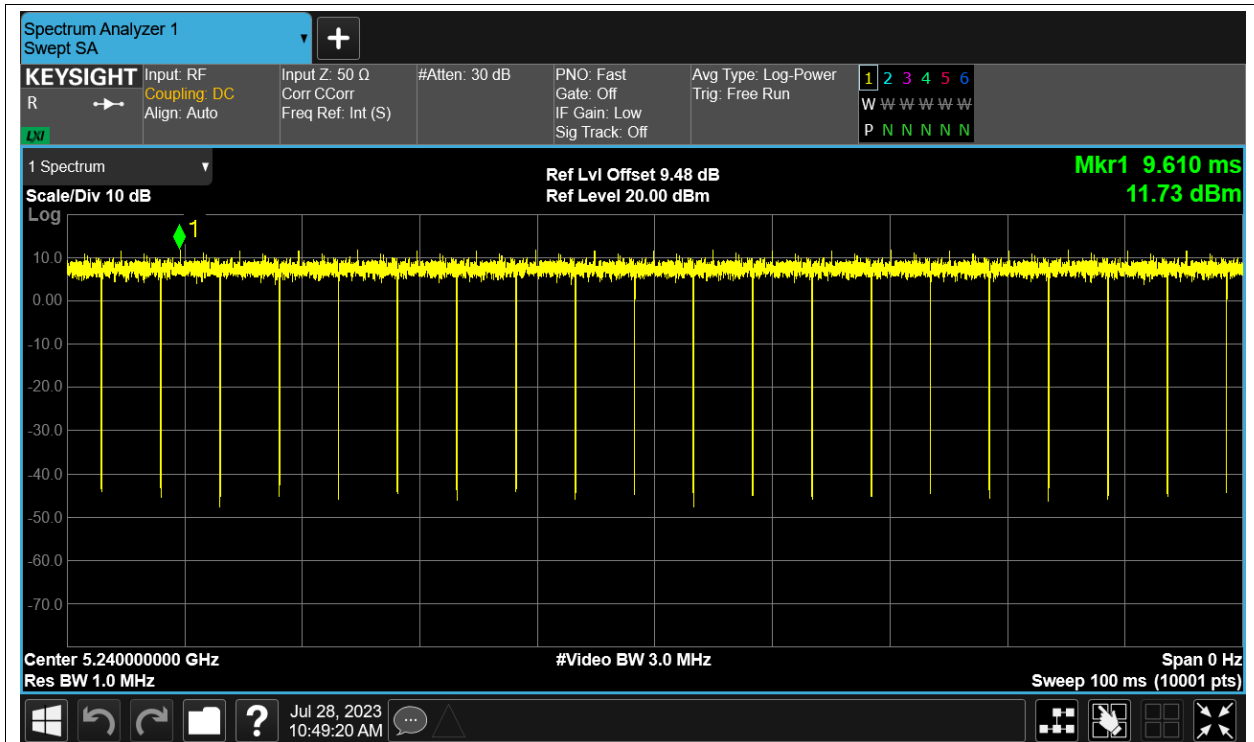
Duty Cycle NVNT n20 5180MHz Sum



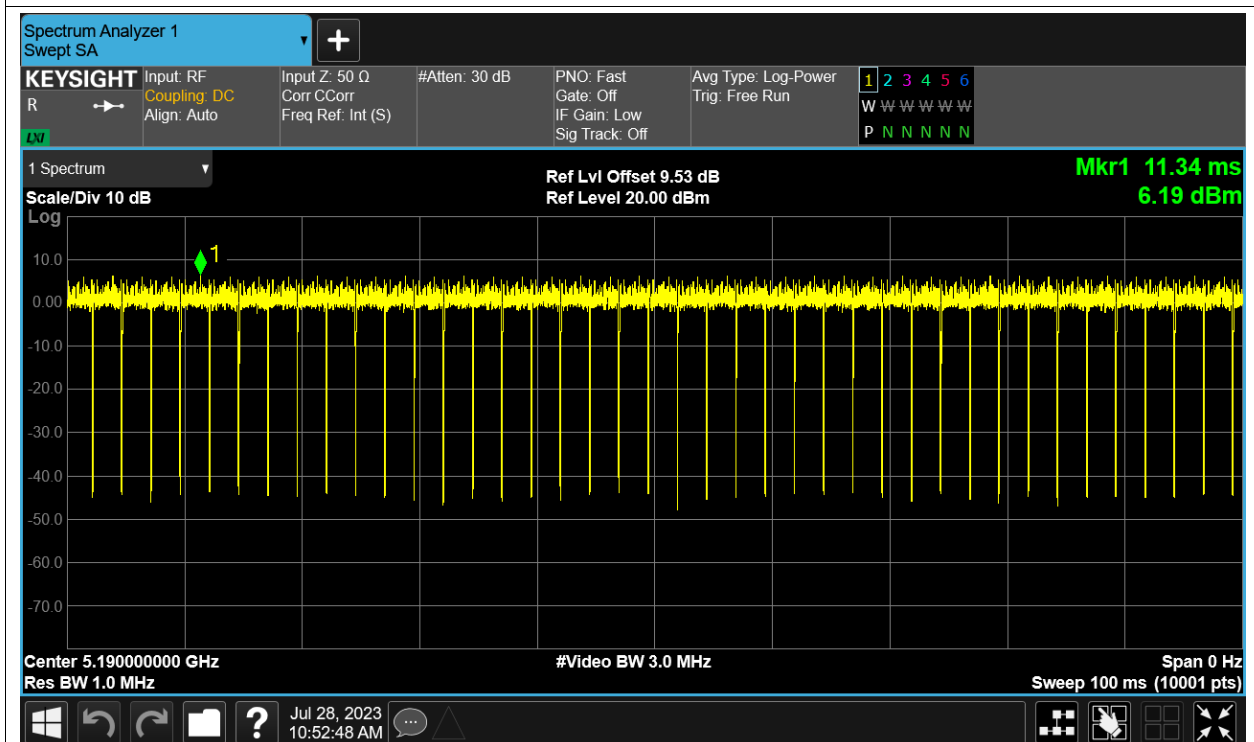
Duty Cycle NVNT n20 5200MHz Sum



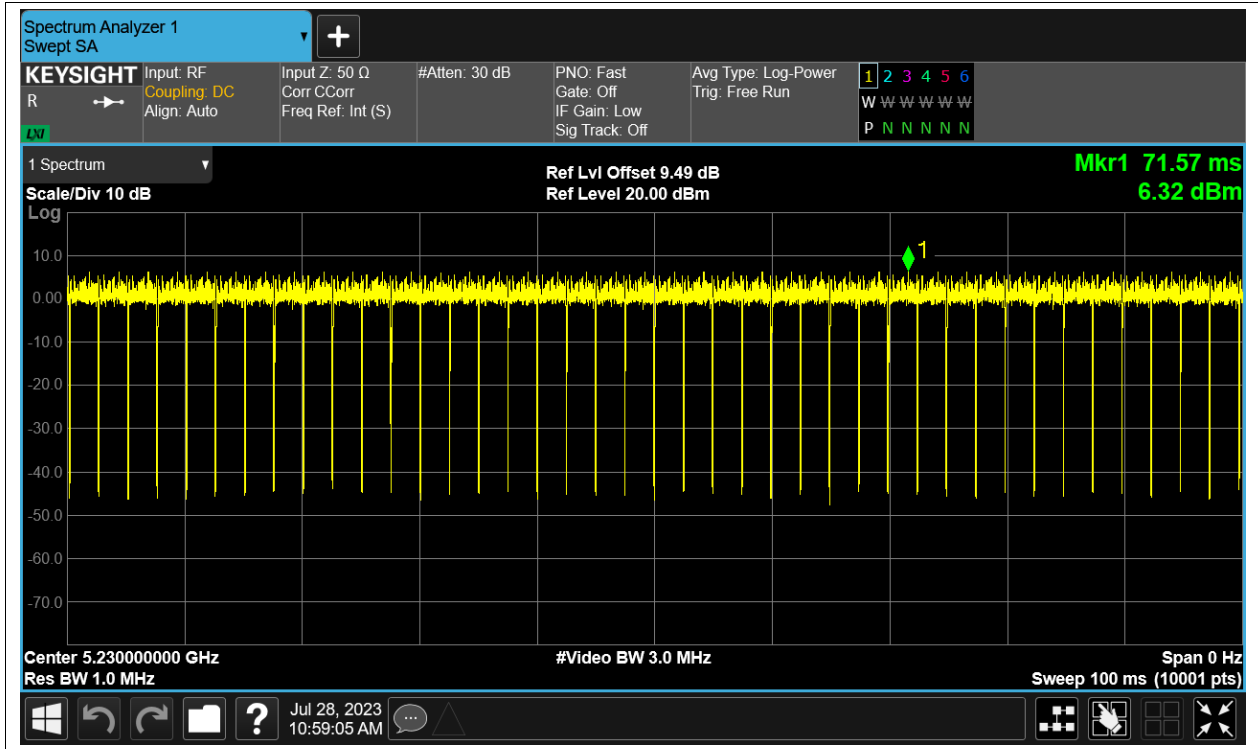
Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum



Duty Cycle NVNT n40 5230MHz Sum



Maximum Conducted Output Power

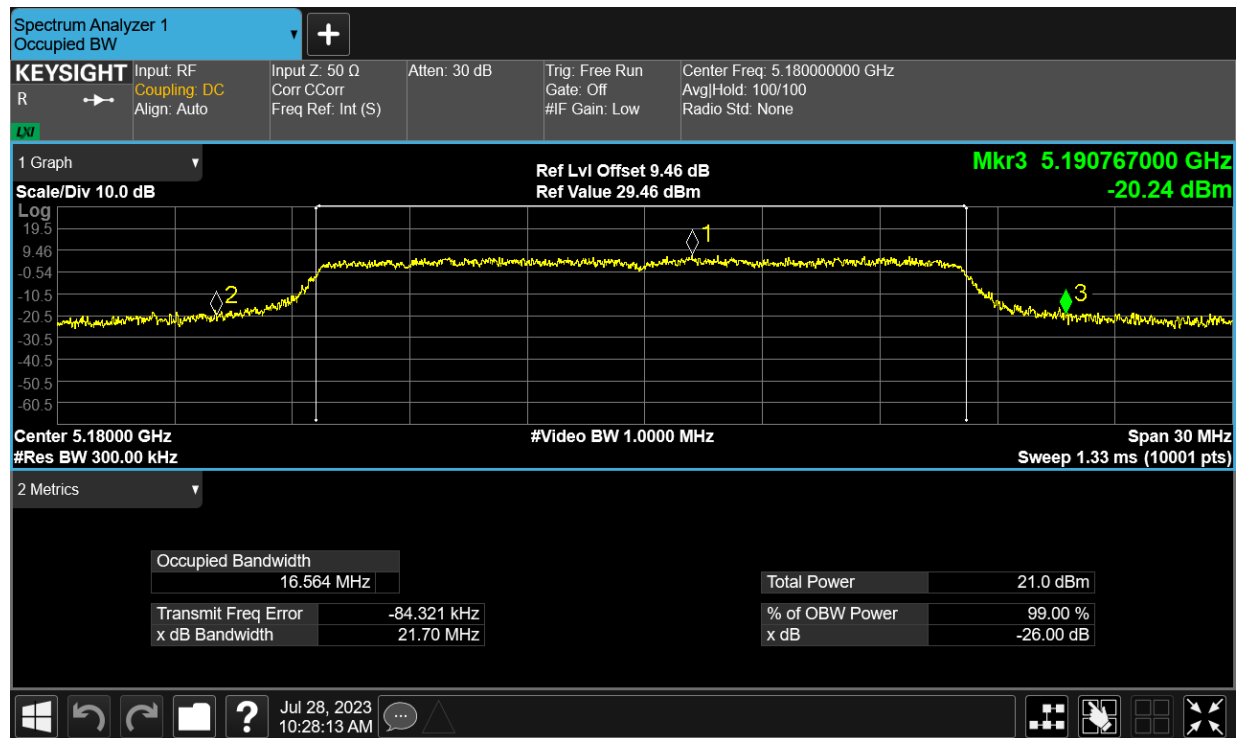
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	18.06	0.14	18.2	25.49	Pass
NVNT	a	5200	Ant1	18.12	0.14	18.26	25.49	Pass
NVNT	a	5240	Ant1	17.74	0.14	17.88	25.49	Pass
NVNT	a	5180	Ant2	17.54	0.14	17.68	25.49	Pass
NVNT	a	5200	Ant2	17.54	0.14	17.68	25.49	Pass
NVNT	a	5240	Ant2	17.33	0.14	17.47	25.49	Pass
NVNT	ac20	5180	Ant1	17.88	0.06	17.94	25.49	Pass
NVNT	ac20	5180	Ant2	17.4	0.06	17.46	25.49	Pass
NVNT	ac20	5180	Sum	20.657	0.06	20.717	25.49	Pass
NVNT	ac20	5200	Ant1	18	0.06	18.06	25.49	Pass
NVNT	ac20	5200	Ant2	17.38	0.06	17.44	25.49	Pass
NVNT	ac20	5200	Sum	20.711	0.06	20.771	25.49	Pass
NVNT	ac20	5240	Ant1	17.5	0.06	17.56	25.49	Pass
NVNT	ac20	5240	Ant2	17.06	0.06	17.12	25.49	Pass
NVNT	ac20	5240	Sum	20.296	0.06	20.356	25.49	Pass
NVNT	ac40	5190	Ant1	17.24	0	17.24	25.49	Pass
NVNT	ac40	5190	Ant2	16.81	0	16.81	25.49	Pass
NVNT	ac40	5190	Sum	20.041	0	20.041	25.49	Pass
NVNT	ac40	5230	Ant1	17.35	0.12	17.47	25.49	Pass
NVNT	ac40	5230	Ant2	16.86	0.12	16.98	25.49	Pass
NVNT	ac40	5230	Sum	20.122	0.12	20.242	25.49	Pass
NVNT	ac80	5210	Ant1	18	0.24	18.24	25.49	Pass
NVNT	ac80	5210	Ant2	17.66	0.24	17.9	25.49	Pass
NVNT	ac80	5210	Sum	20.844	0.24	21.084	25.49	Pass
NVNT	n20	5180	Ant1	17.98	0.05	18.03	25.49	Pass
NVNT	n20	5180	Ant2	17.49	0.05	17.54	25.49	Pass
NVNT	n20	5180	Sum	20.752	0.05	20.802	25.49	Pass
NVNT	n20	5200	Ant1	18.02	0.06	18.08	25.49	Pass
NVNT	n20	5200	Ant2	17.43	0.06	17.49	25.49	Pass
NVNT	n20	5200	Sum	20.745	0.06	20.805	25.49	Pass
NVNT	n40	5190	Ant1	17.37	0.12	17.49	25.49	Pass
NVNT	n40	5190	Ant2	16.91	0.12	17.03	25.49	Pass
NVNT	n40	5190	Sum	20.156	0.12	20.276	25.49	Pass
NVNT	n40	5230	Ant1	17.34	0.12	17.46	25.49	Pass
NVNT	n40	5230	Ant2	16.86	0.12	16.98	25.49	Pass
NVNT	n40	5230	Sum	20.117	0.12	20.237	25.49	Pass

-26dB Bandwidth

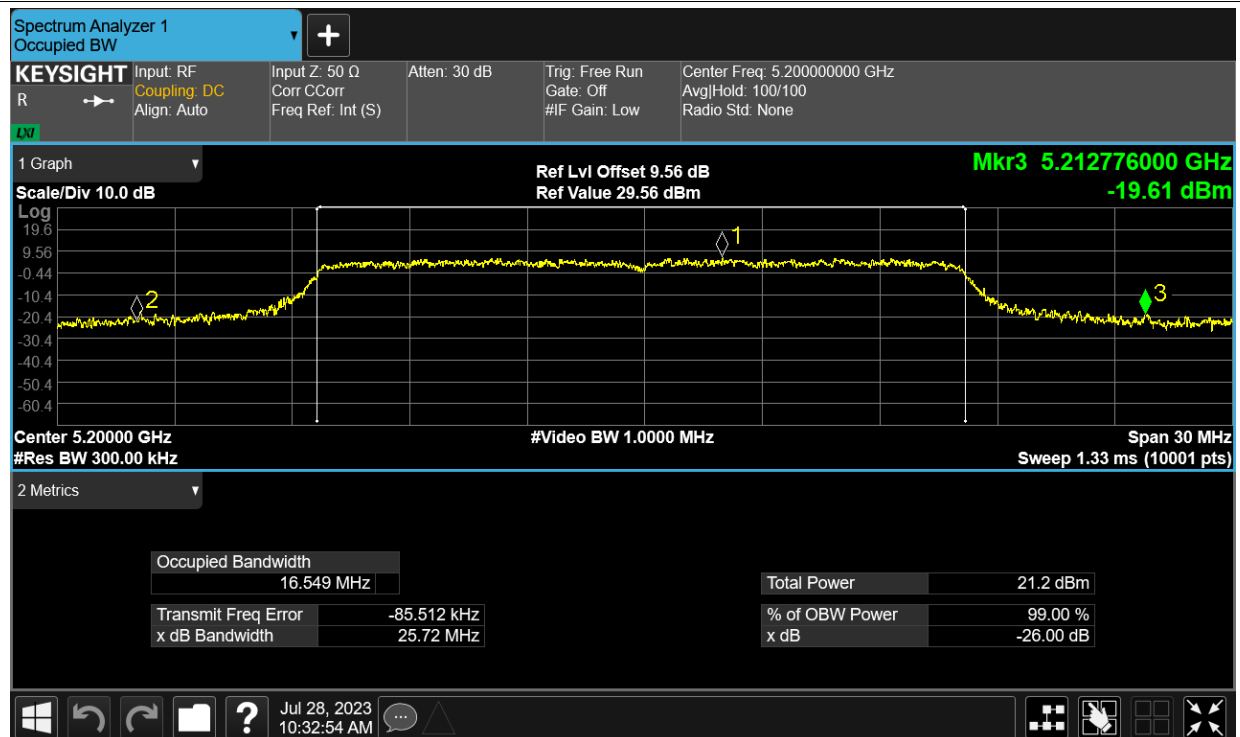
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	21.703
NVNT	a	5200	Ant1	25.723
NVNT	a	5240	Ant1	23.239
NVNT	a	5180	Ant2	19.884
NVNT	a	5200	Ant2	20.743
NVNT	a	5240	Ant2	19.866
NVNT	ac20	5180	Ant1	24.735
NVNT	ac20	5180	Ant2	21.924
NVNT	ac20	5200	Ant1	24.307
NVNT	ac20	5200	Ant2	22.079
NVNT	ac20	5240	Ant1	21.562
NVNT	ac20	5240	Ant2	20.76
NVNT	ac40	5190	Ant1	40.233
NVNT	ac40	5190	Ant2	39.806
NVNT	ac40	5230	Ant1	39.852
NVNT	ac40	5230	Ant2	39.369
NVNT	ac80	5210	Ant1	83.258
NVNT	ac80	5210	Ant2	83.267
NVNT	n20	5180	Ant1	21.526
NVNT	n20	5180	Ant2	21.595
NVNT	n20	5200	Ant1	22.449
NVNT	n20	5200	Ant2	21.874
NVNT	n20	5240	Ant1	24.317
NVNT	n20	5240	Ant2	21.684
NVNT	n40	5190	Ant1	39.283
NVNT	n40	5190	Ant2	39.22
NVNT	n40	5230	Ant1	40.693
NVNT	n40	5230	Ant2	40.024

Test Graphs

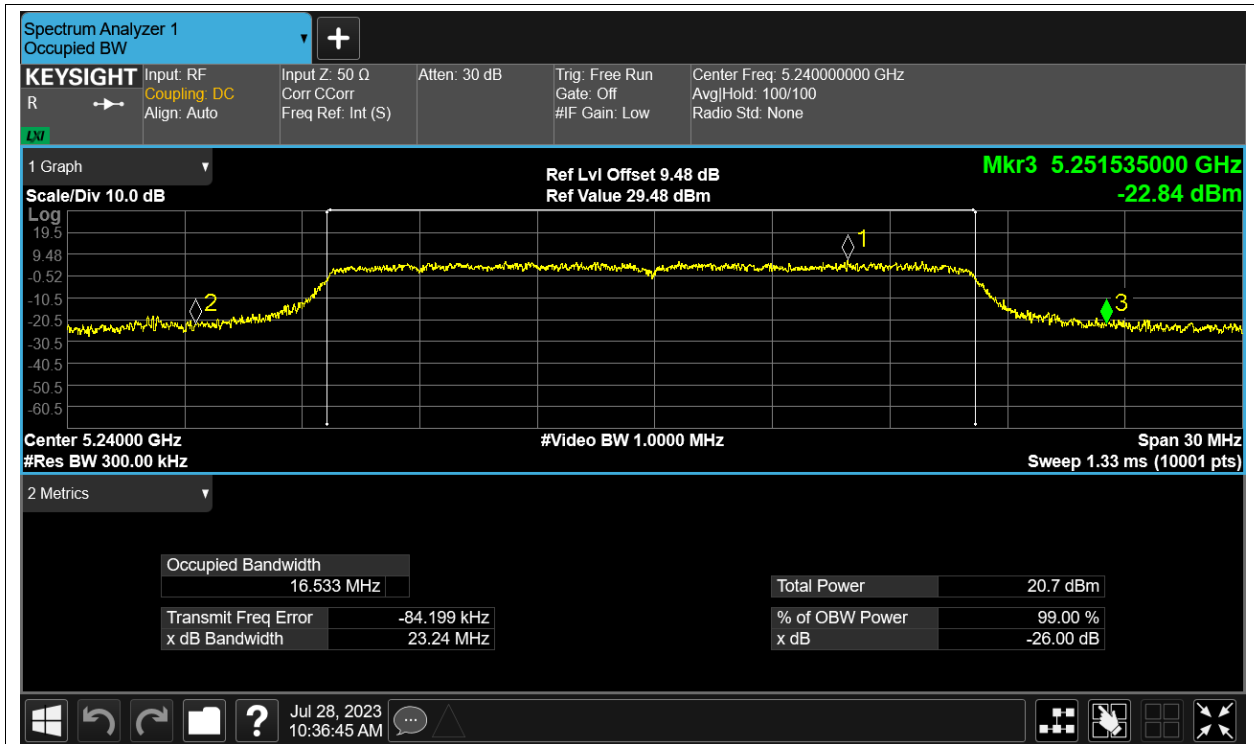
-26dB Bandwidth NVNT a 5180MHz Ant1



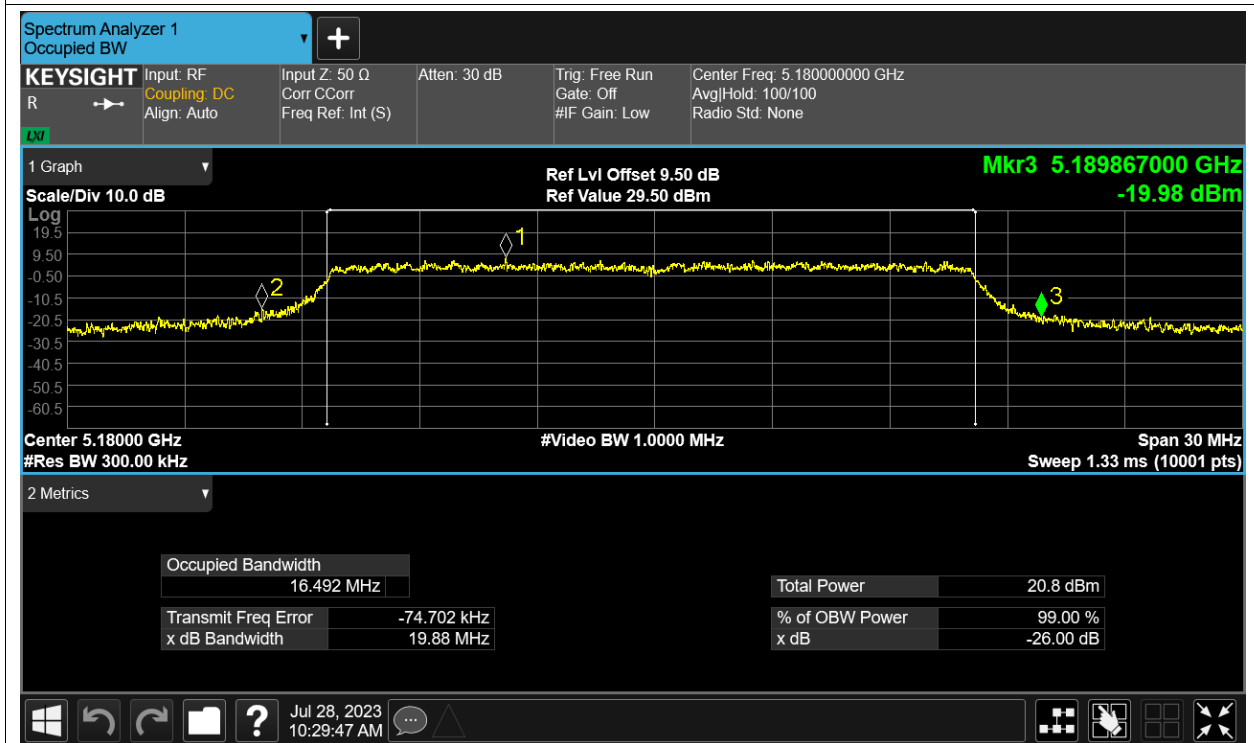
-26dB Bandwidth NVNT a 5200MHz Ant1



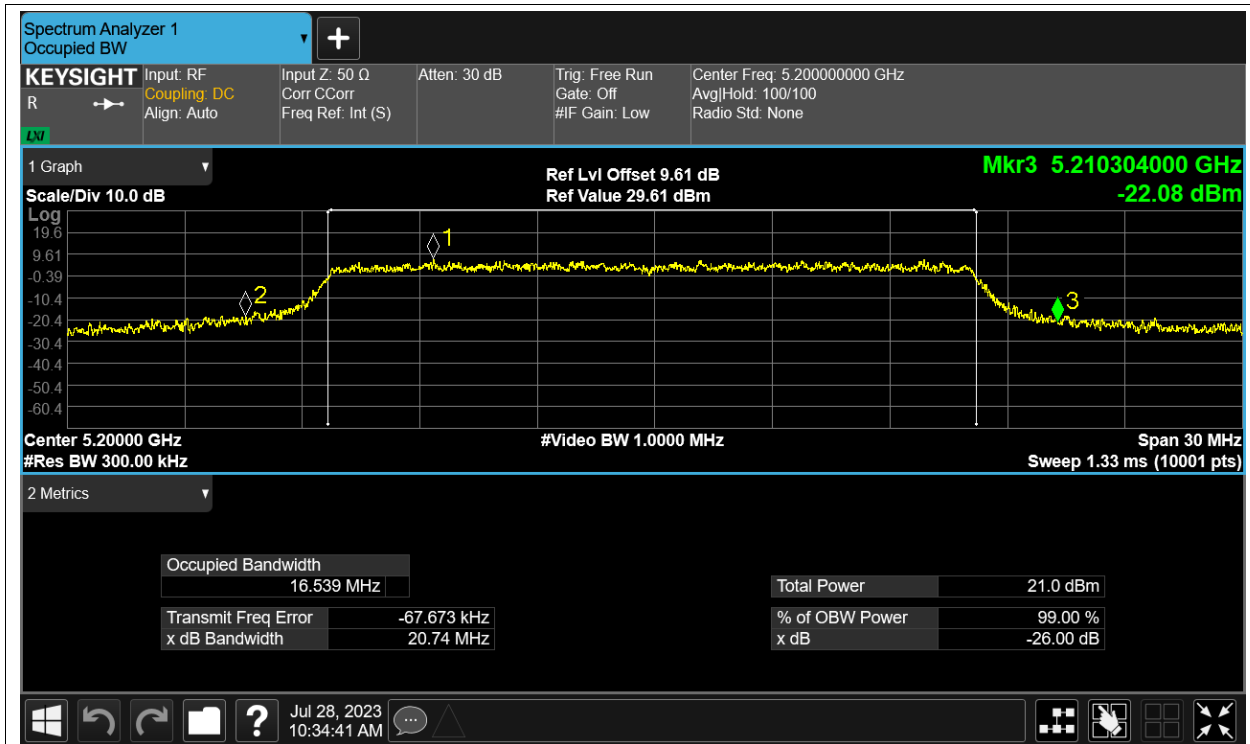
-26dB Bandwidth NVNT a 5240MHz Ant1



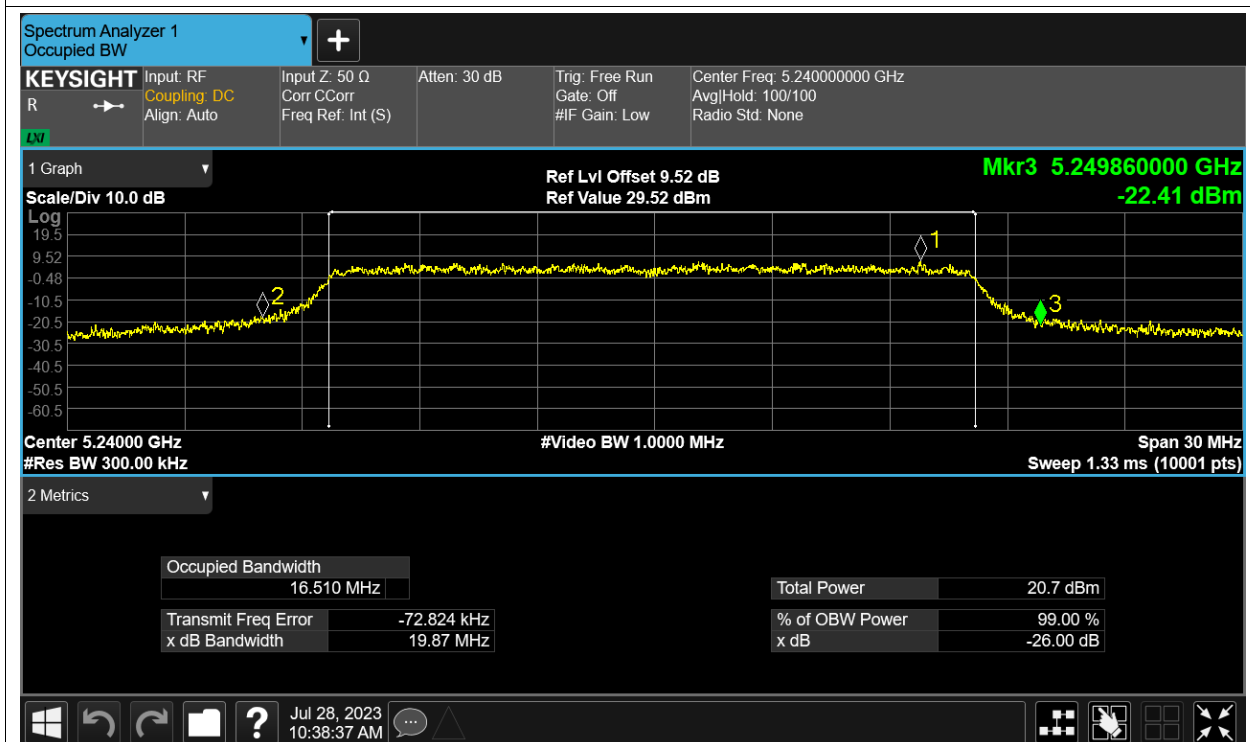
-26dB Bandwidth NVNT a 5180MHz Ant2



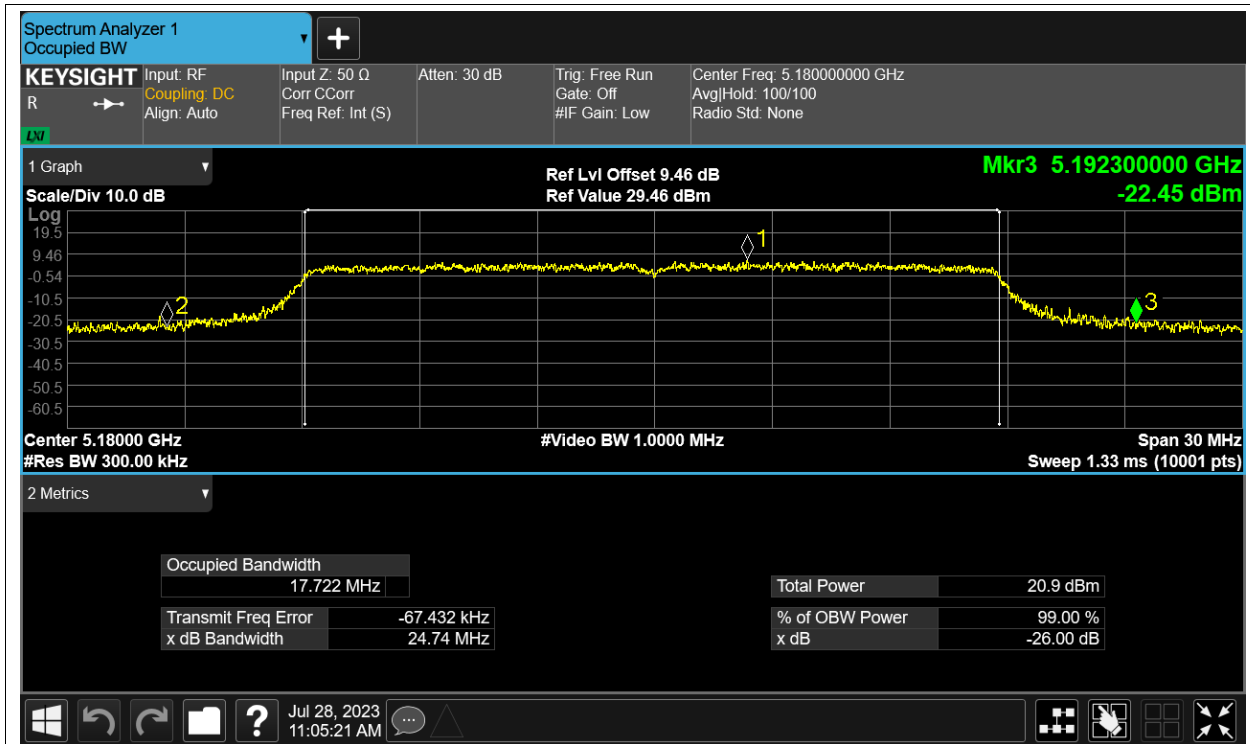
-26dB Bandwidth NVNT a 5200MHz Ant2



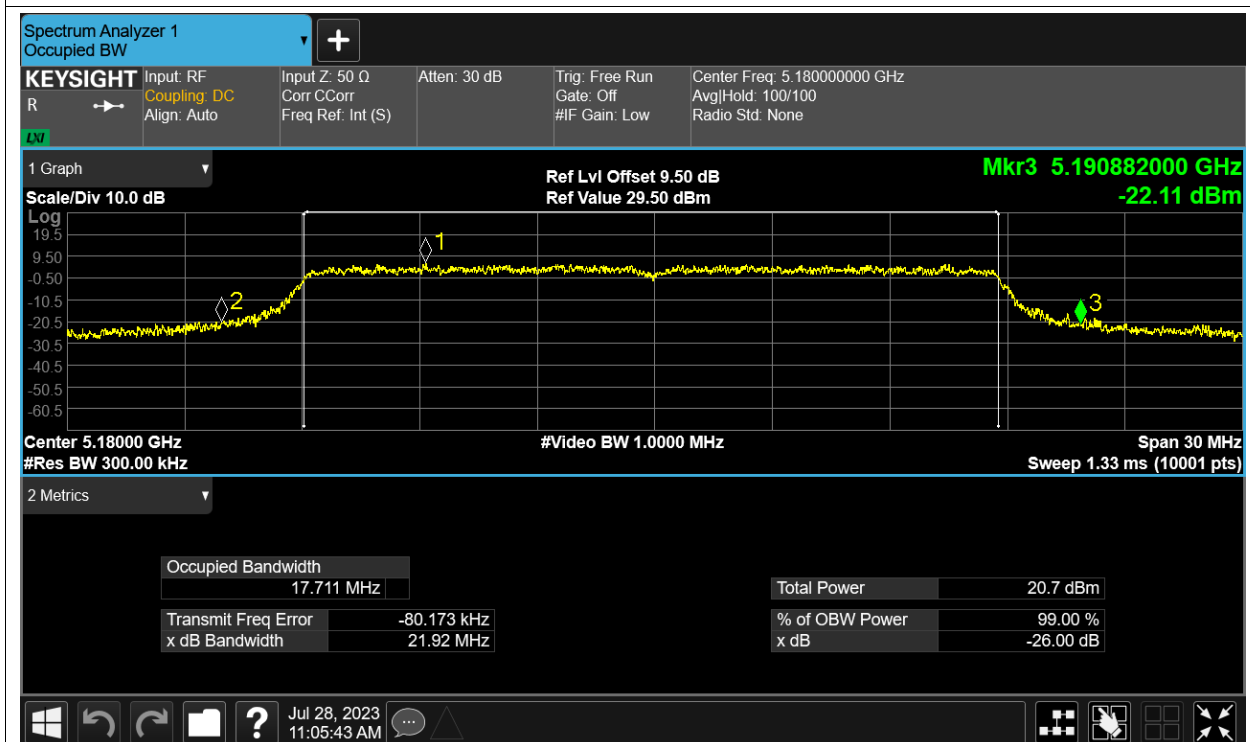
-26dB Bandwidth NVNT a 5240MHz Ant2



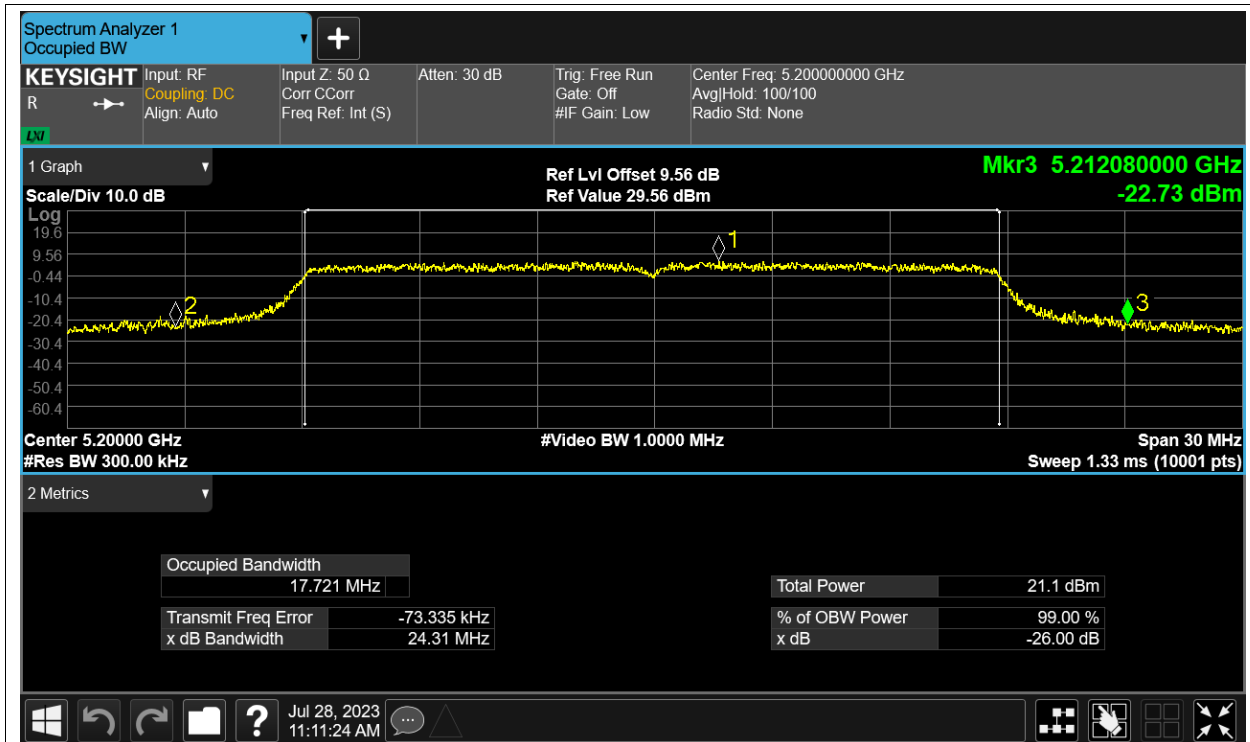
-26dB Bandwidth NVNT ac20 5180MHz Ant1



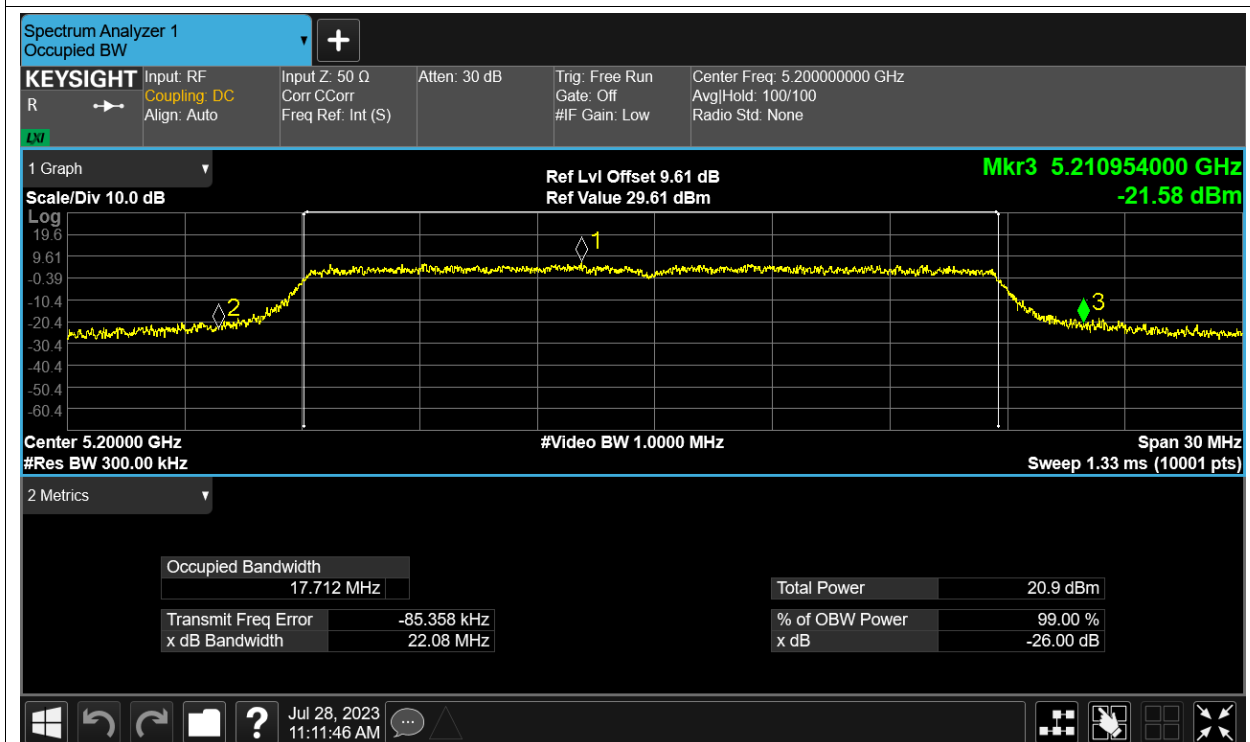
-26dB Bandwidth NVNT ac20 5180MHz Ant2



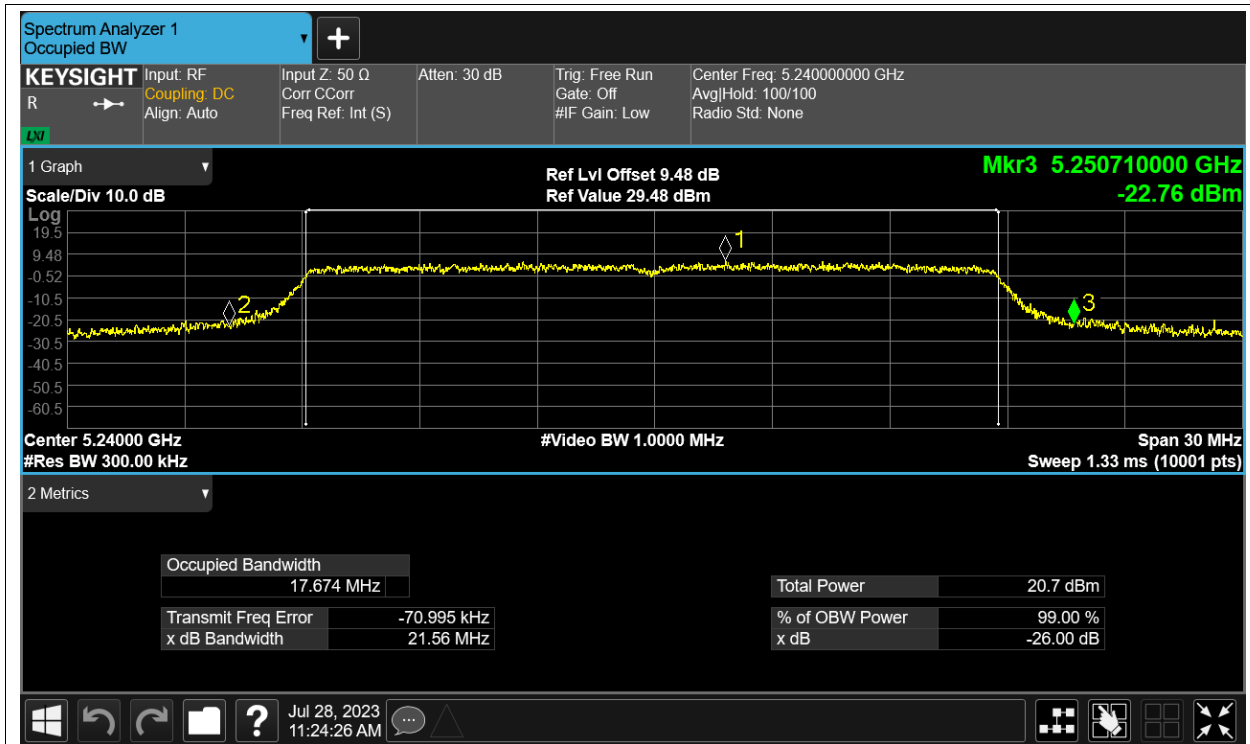
-26dB Bandwidth NVNT ac20 5200MHz Ant1



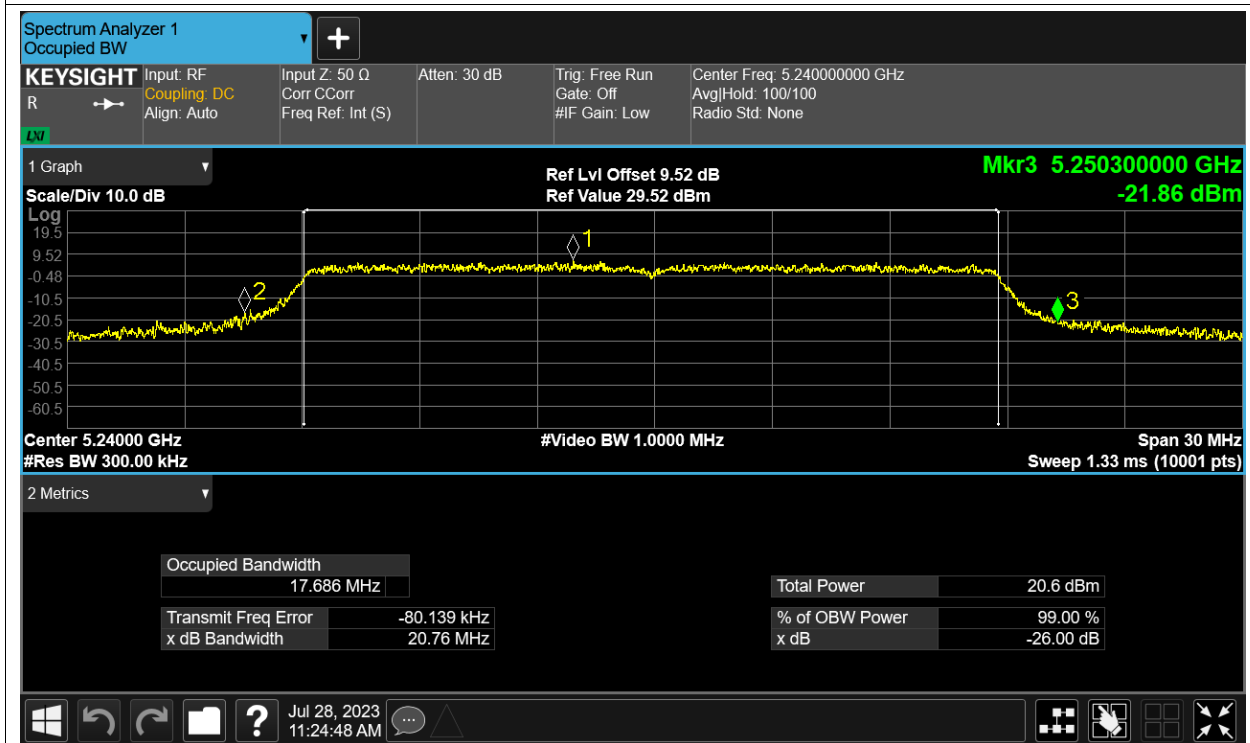
-26dB Bandwidth NVNT ac20 5200MHz Ant2



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant1