

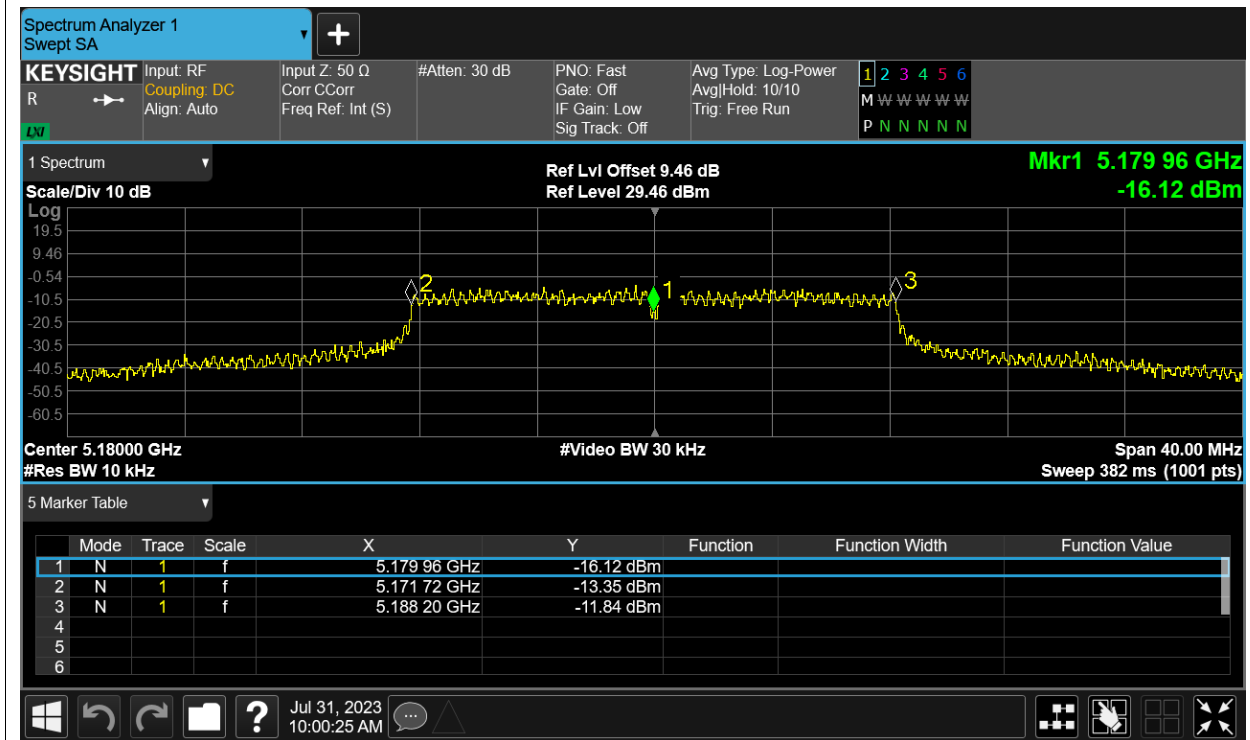
Test Data

Frequency Stability

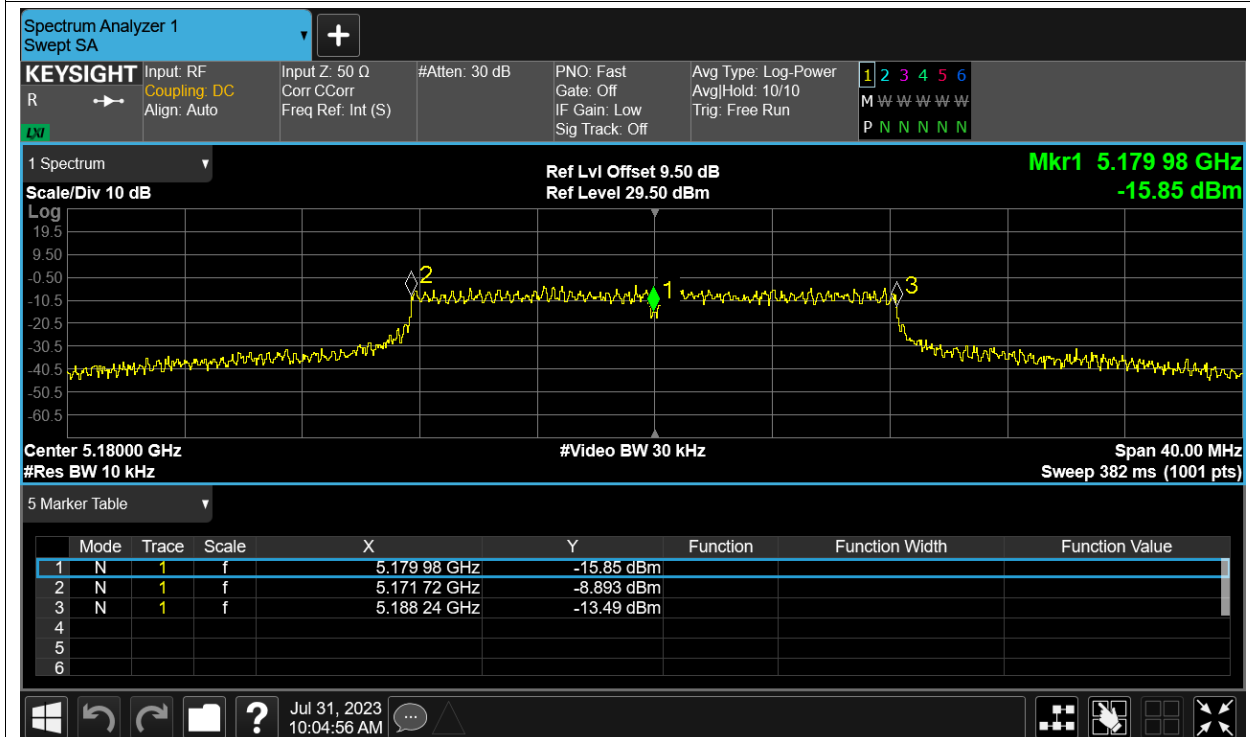
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.96	-7.72	25	Pass
HVNT	a	5180	Ant2	5179.98	-3.86	25	Pass
LVNT	a	5180	Ant1	5180	0	25	Pass
LVNT	a	5180	Ant2	5179.96	-7.72	25	Pass
NVHT	a	5180	Ant1	5180	0	25	Pass
NVHT	a	5180	Ant2	5179.98	-3.86	25	Pass
NVLT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVLT	a	5180	Ant2	5179.98	-3.86	25	Pass
NVNT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVNT	a	5180	Ant2	5179.96	-7.72	25	Pass
HVNT	ac20	5180	Sum	5180	0	25	Pass
LVNT	ac20	5180	Sum	5179.98	-3.86	25	Pass
NVHT	ac20	5180	Sum	5179.96	-7.72	25	Pass
NVLT	ac20	5180	Sum	5179.98	-3.86	25	Pass
NVNT	ac20	5180	Sum	5180	0	25	Pass
HVNT	ac40	5190	Sum	5190	0	25	Pass
LVNT	ac40	5190	Sum	5190	0	25	Pass
NVHT	ac40	5190	Sum	5190	0	25	Pass
NVLT	ac40	5190	Sum	5190	0	25	Pass
NVNT	ac40	5190	Sum	5190	0	25	Pass
HVNT	n20	5180	Sum	5179.96	-7.72	25	Pass
LVNT	n20	5180	Sum	5180	0	25	Pass
NVHT	n20	5180	Sum	5180	0	25	Pass
NVLT	n20	5180	Sum	5179.98	-3.86	25	Pass
NVNT	n20	5180	Sum	5179.98	-3.86	25	Pass
HVNT	n40	5190	Sum	5189.96	-7.71	25	Pass
LVNT	n40	5190	Sum	5190	0	25	Pass
NVHT	n40	5190	Sum	5189.96	-7.71	25	Pass
NVLT	n40	5190	Sum	5190	0	25	Pass
NVNT	n40	5190	Sum	5190	0	25	Pass
LVHT	ac80	5210	Sum	5210	0	25	Pass
LVNT	ac80	5210	Sum	5210	0	25	Pass
NVHT	ac80	5210	Sum	5210	0	25	Pass
NVLT	ac80	5210	Sum	5210	0	25	Pass
NVNT	ac80	5210	Sum	5210	0	25	Pass

Test Graphs

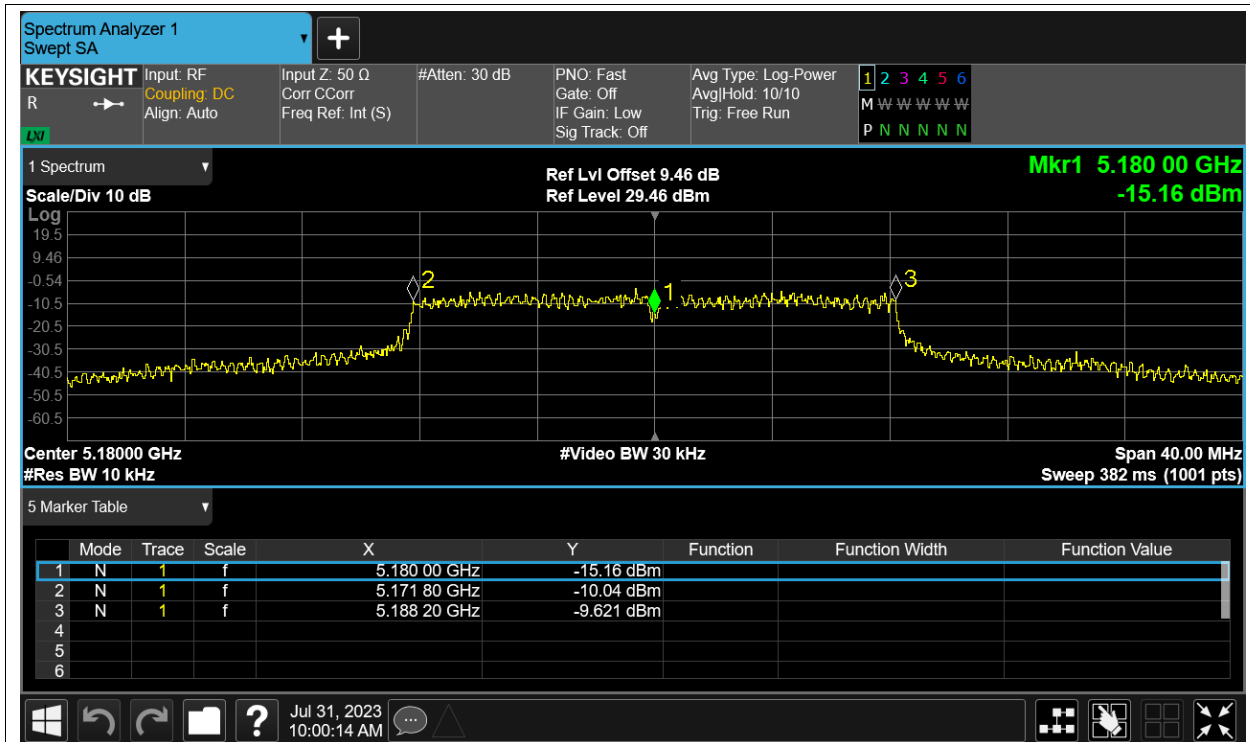
Freq. Stability HVNT a 5180MHz Ant1



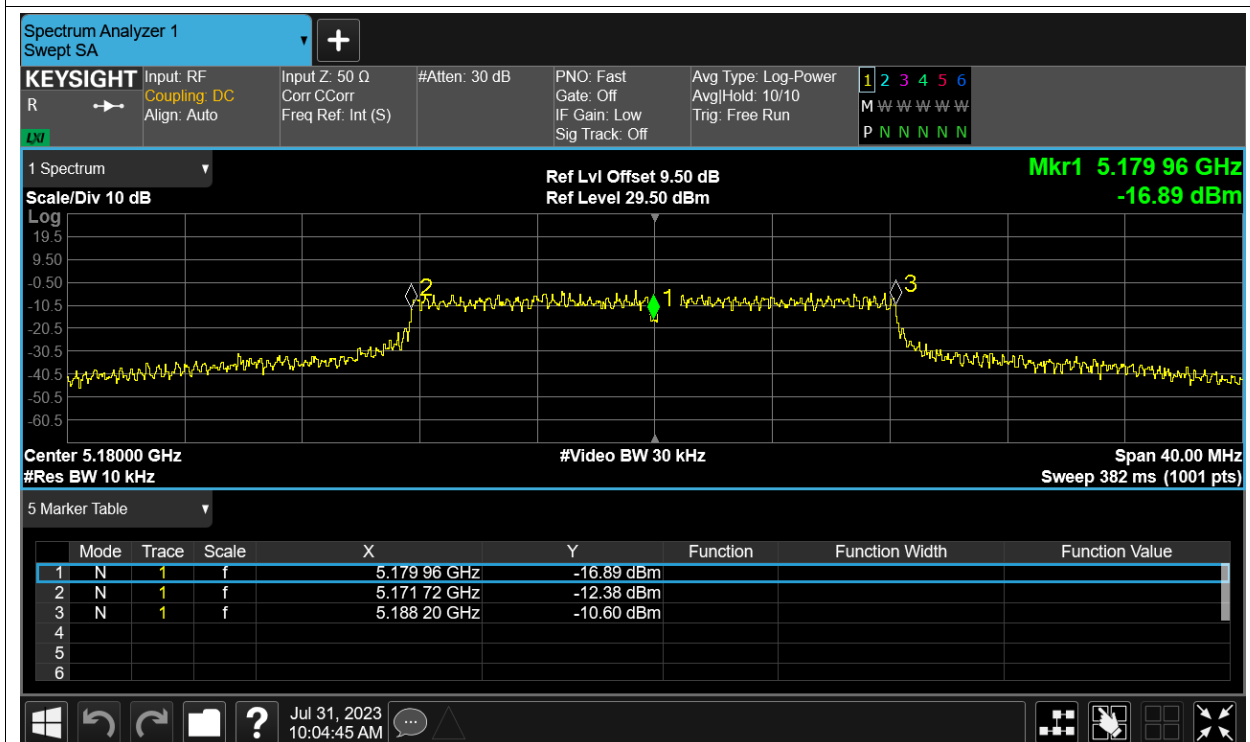
Freq. Stability HVNT a 5180MHz Ant2



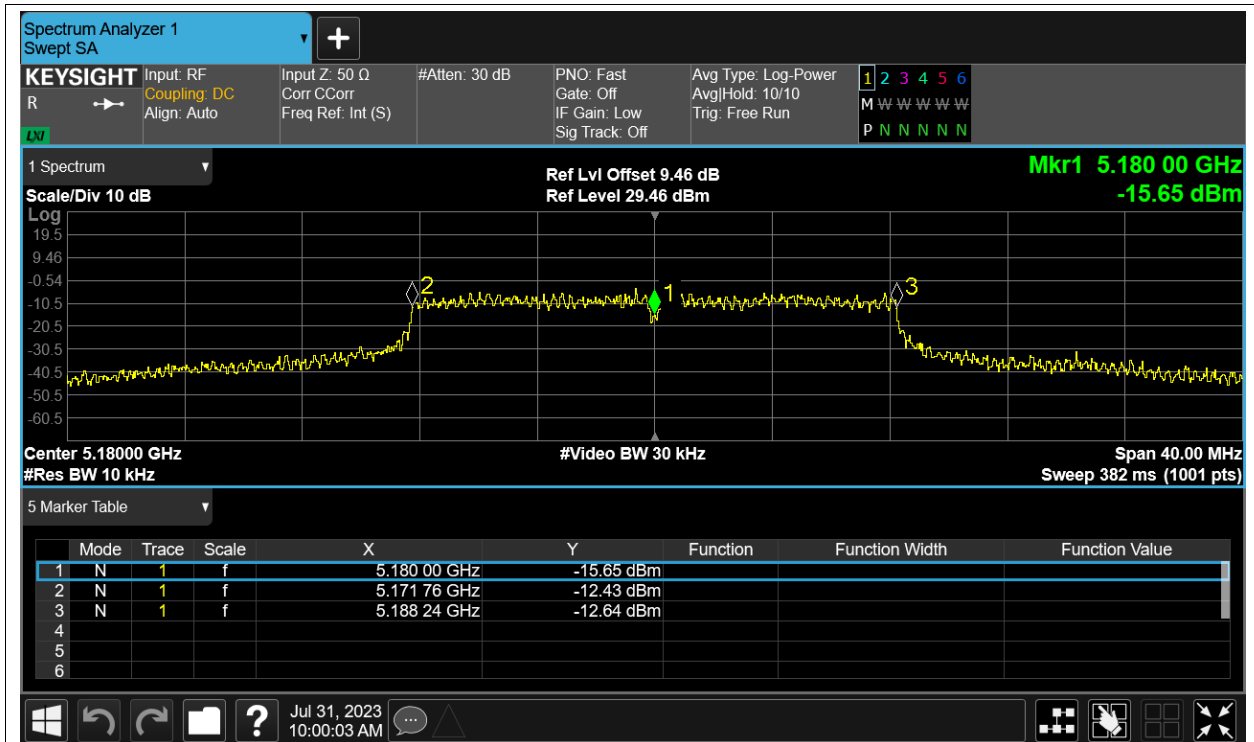
Freq. Stability LVNT a 5180MHz Ant1



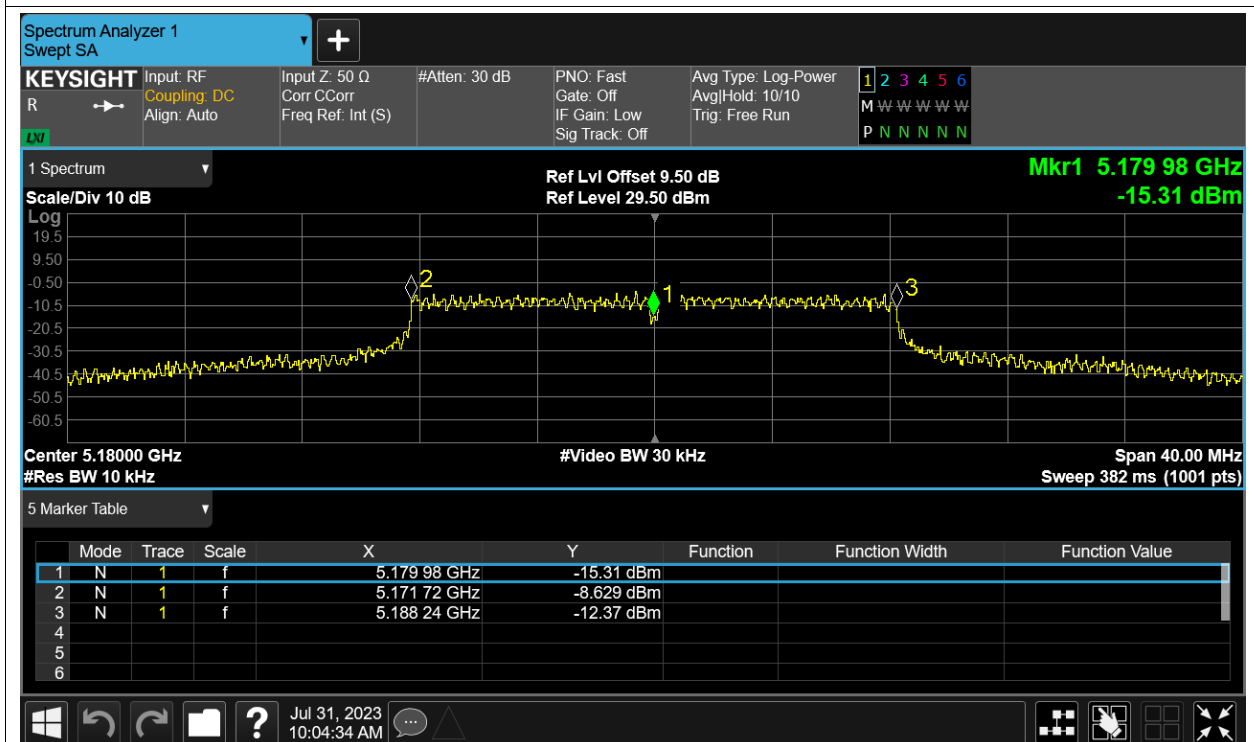
Freq. Stability LVNT a 5180MHz Ant2



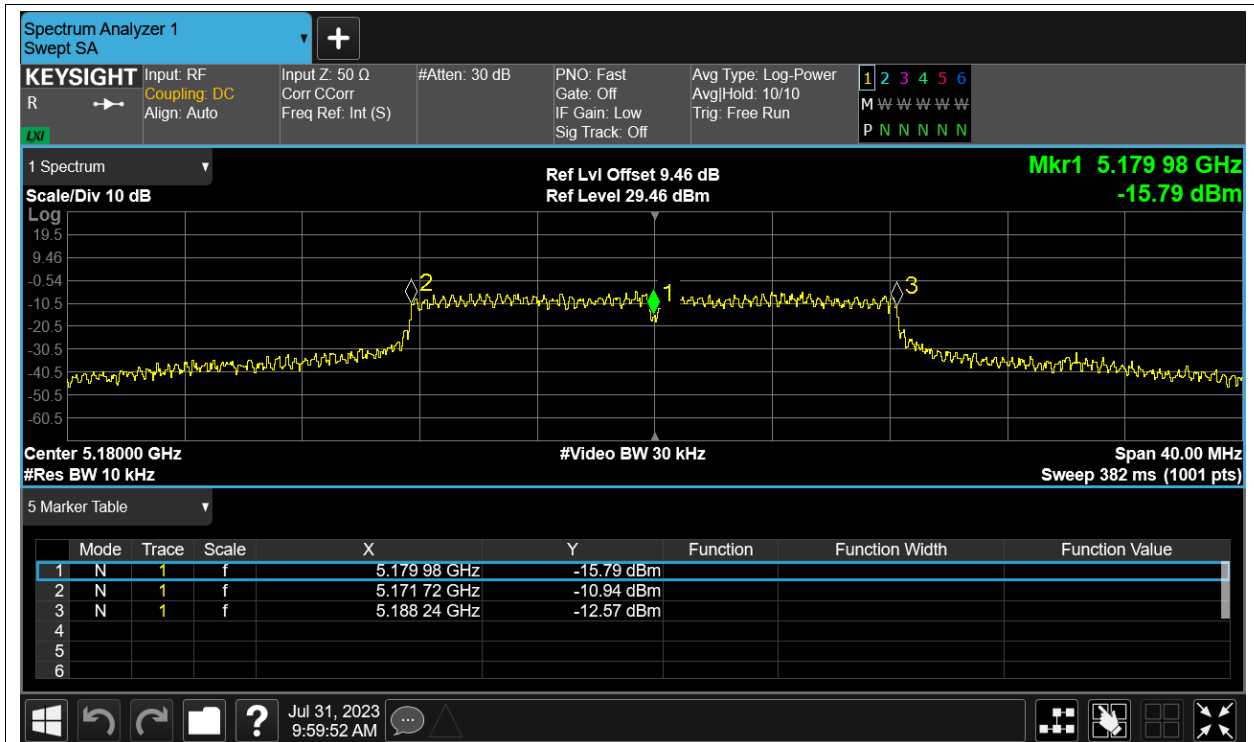
Freq. Stability NVHT a 5180MHz Ant1



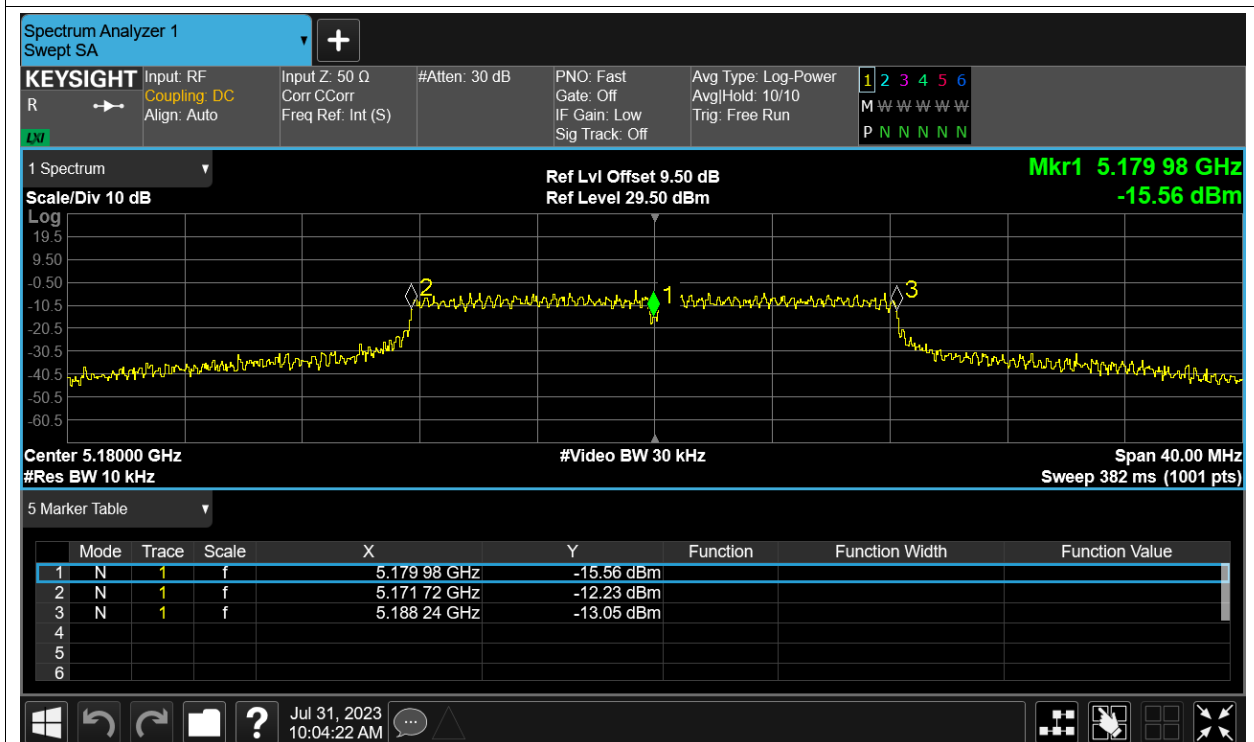
Freq. Stability NVHT a 5180MHz Ant2



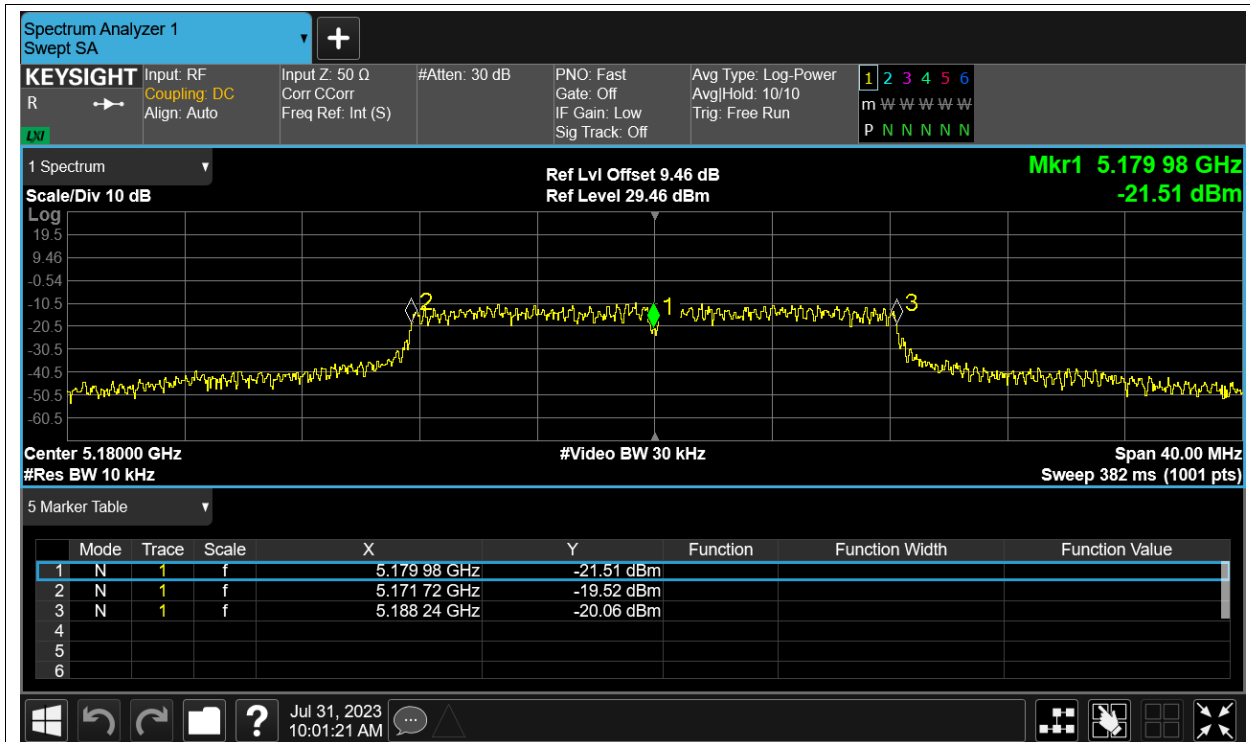
Freq. Stability NVLT a 5180MHz Ant1



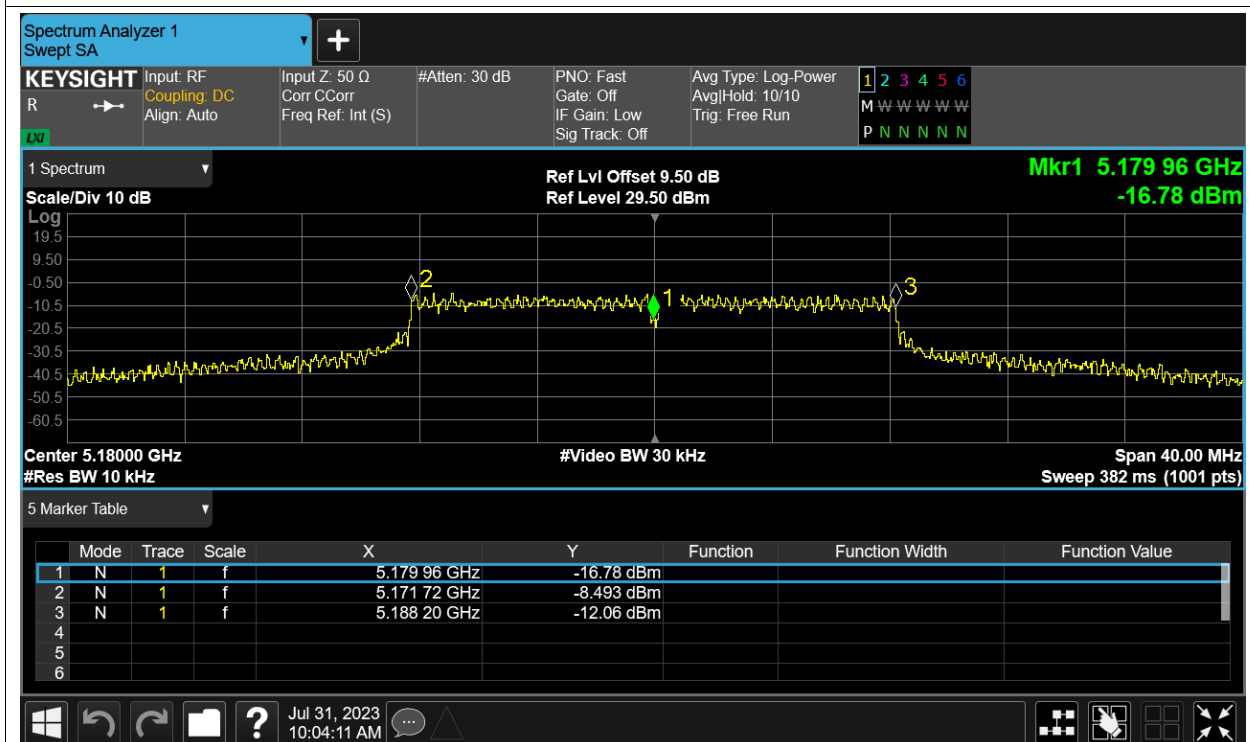
Freq. Stability NVLT a 5180MHz Ant2



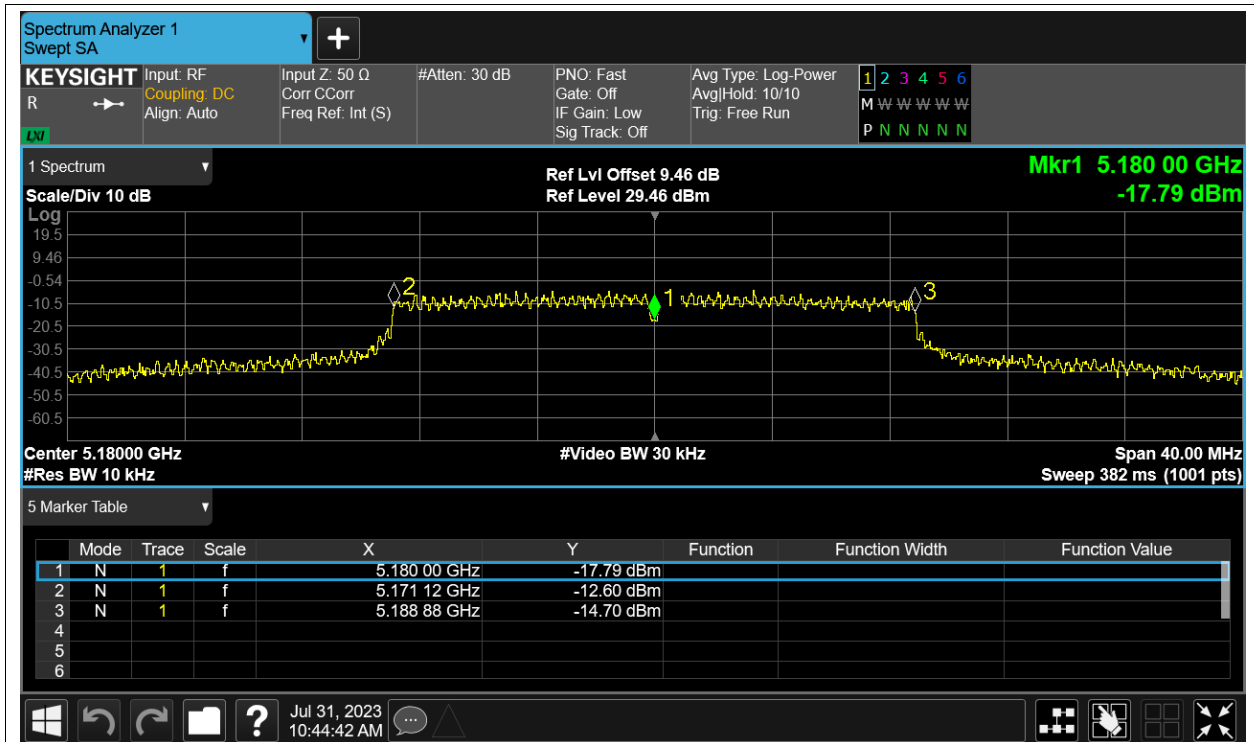
Freq. Stability NVNT a 5180MHz Ant1



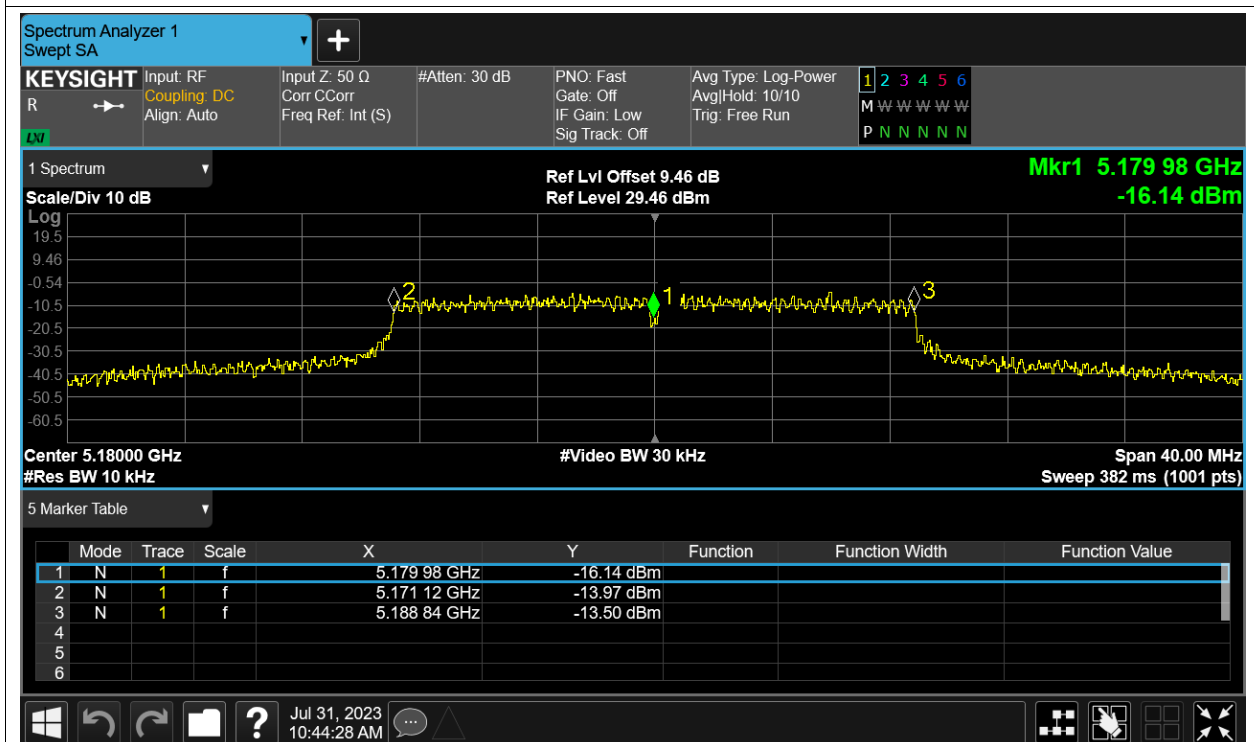
Freq. Stability NVNT a 5180MHz Ant2



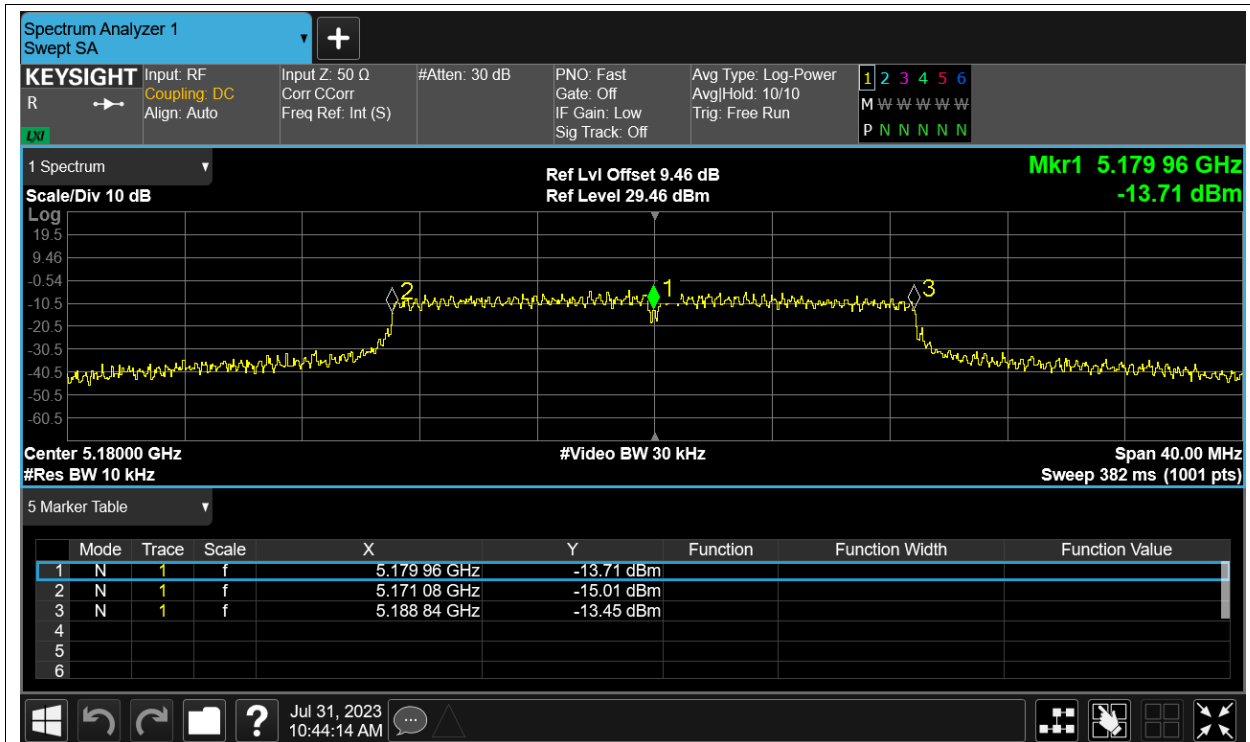
Freq. Stability HVNT ac20 5180MHz Sum



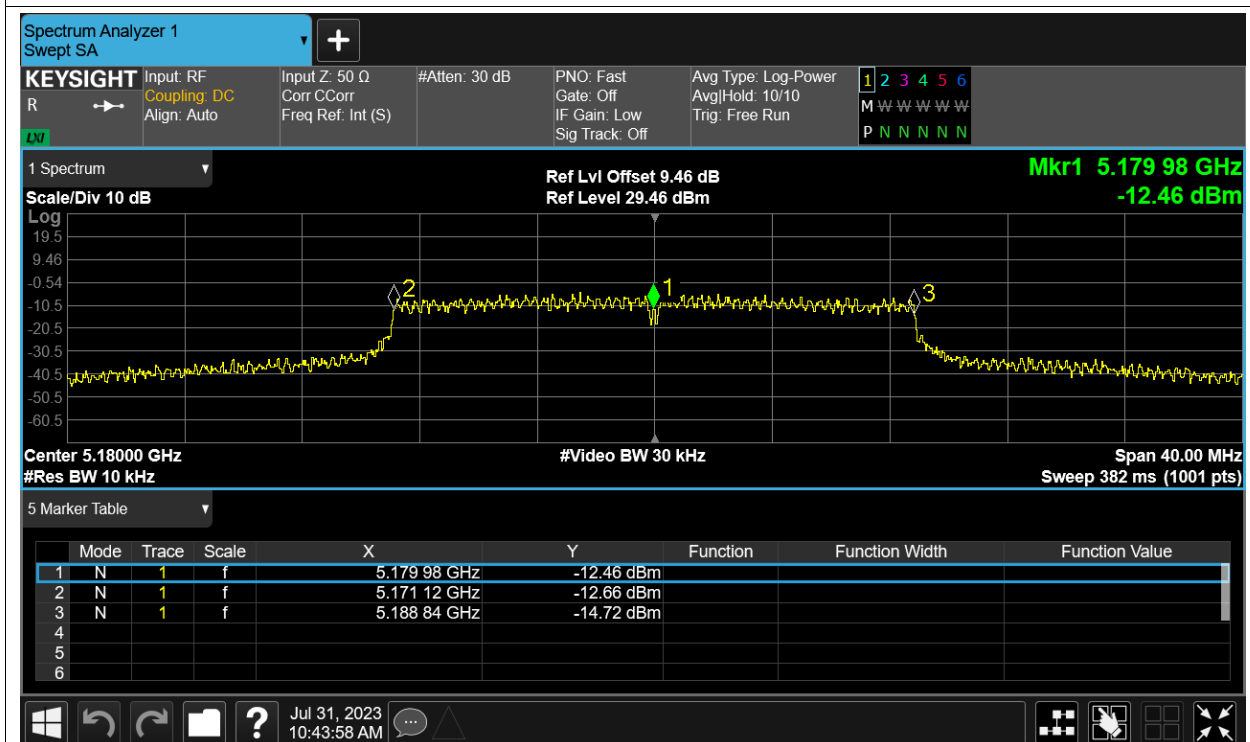
Freq. Stability LVNT ac20 5180MHz Sum



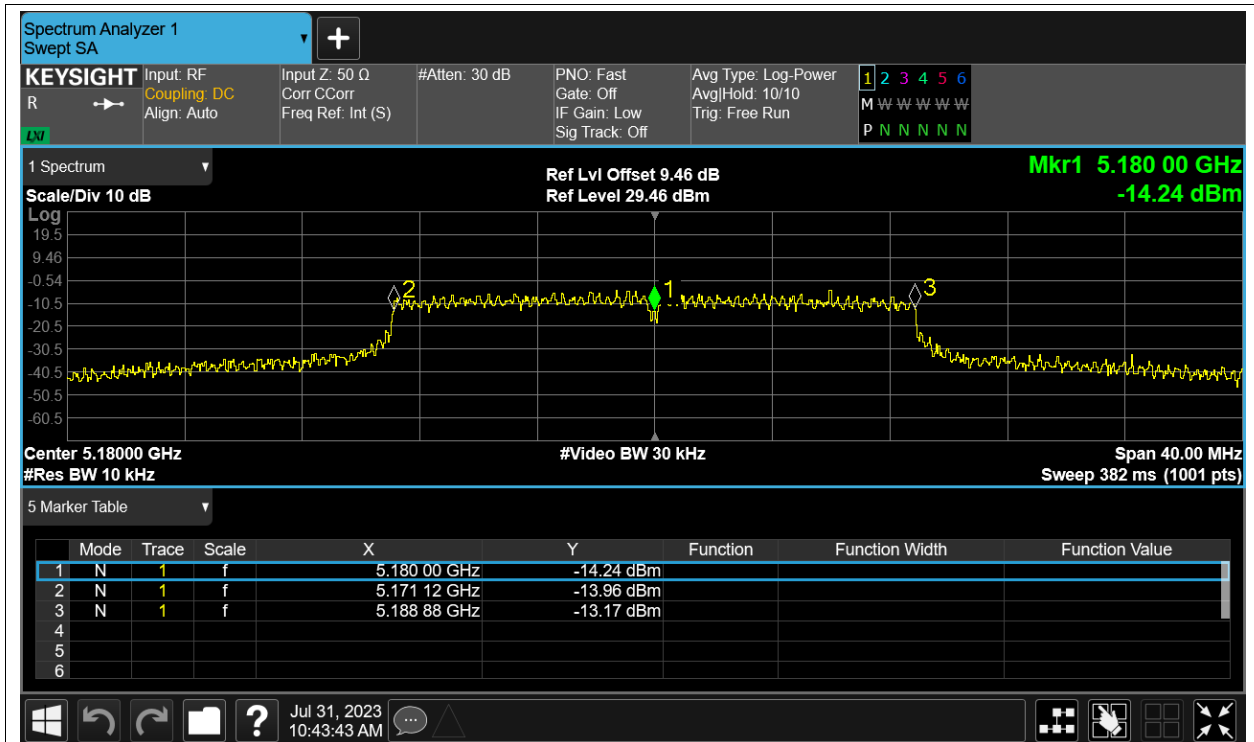
Freq. Stability NVHT ac20 5180MHz Sum



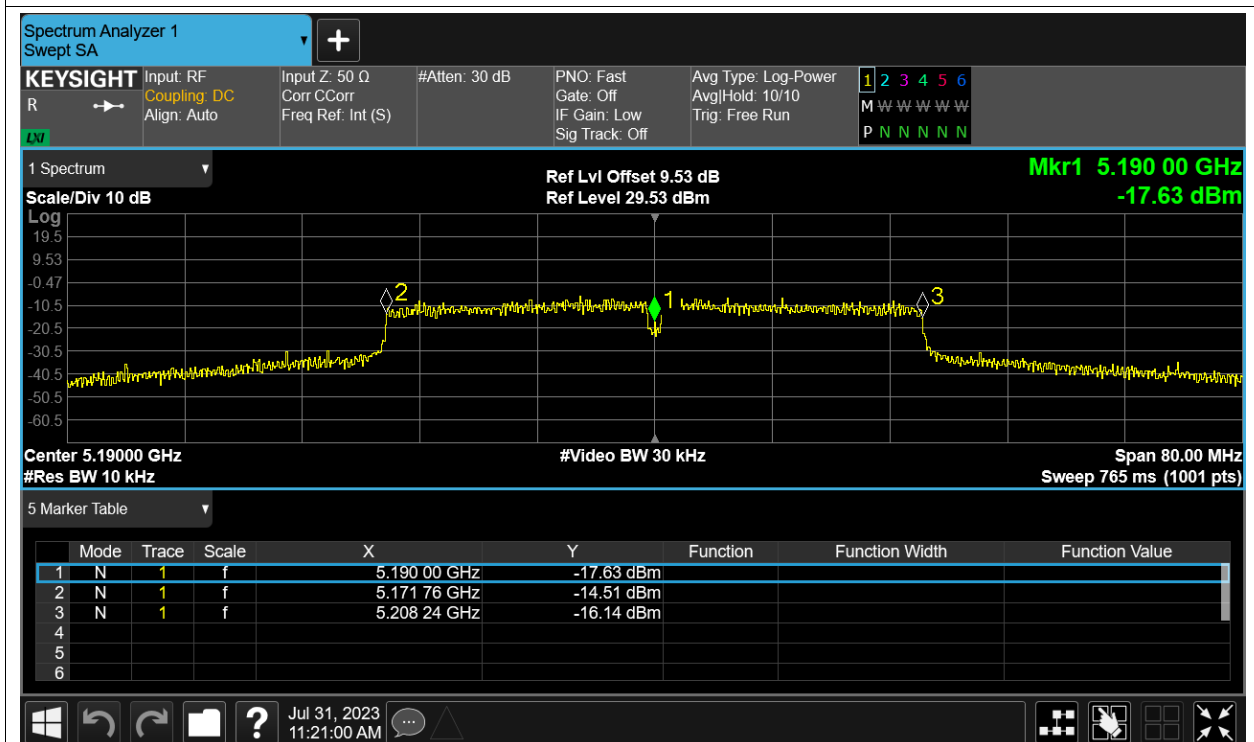
Freq. Stability NVLT ac20 5180MHz Sum



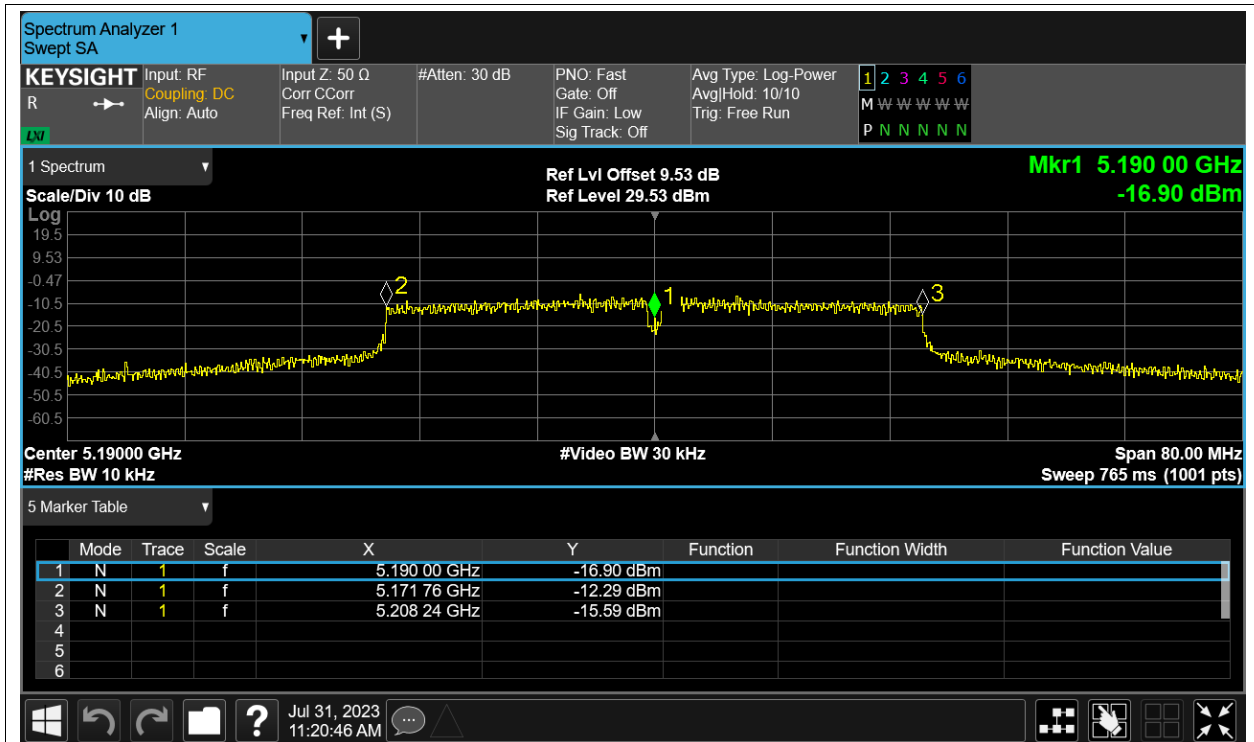
Freq. Stability NVNT ac20 5180MHz Sum



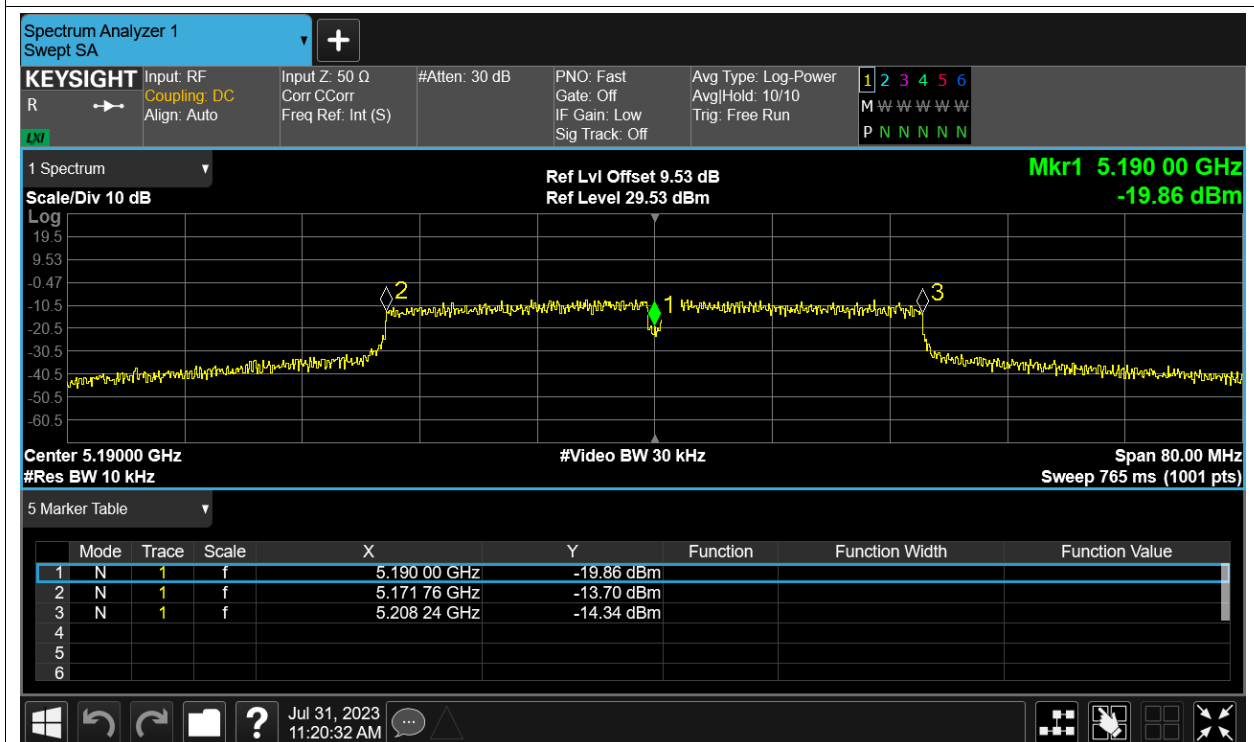
Freq. Stability HVNT ac40 5190MHz Sum



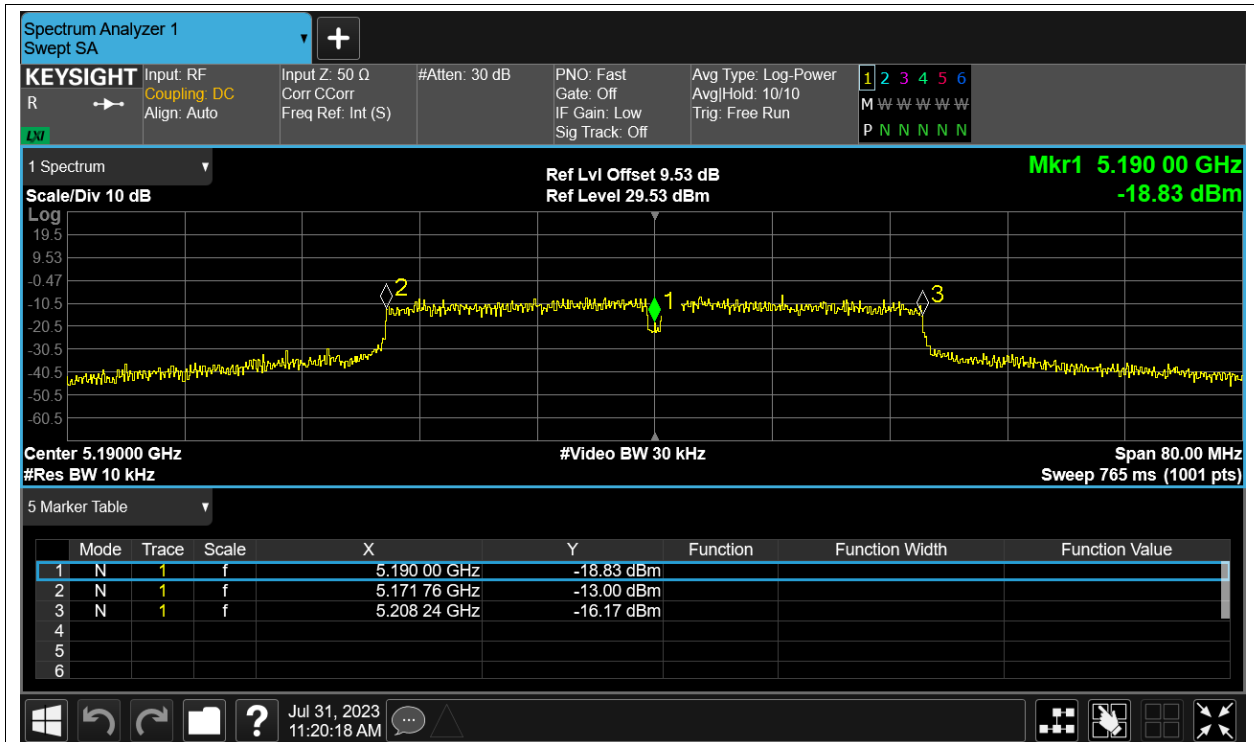
Freq. Stability LVNT ac40 5190MHz Sum



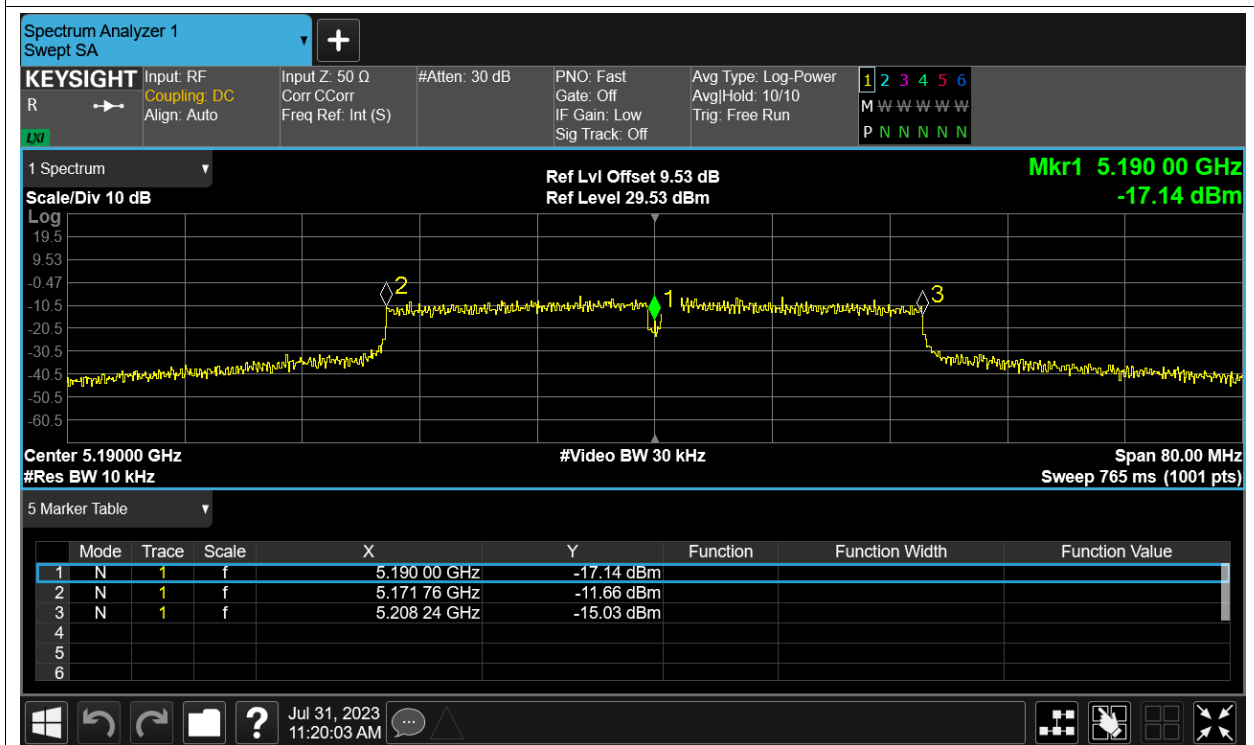
Freq. Stability NVHT ac40 5190MHz Sum



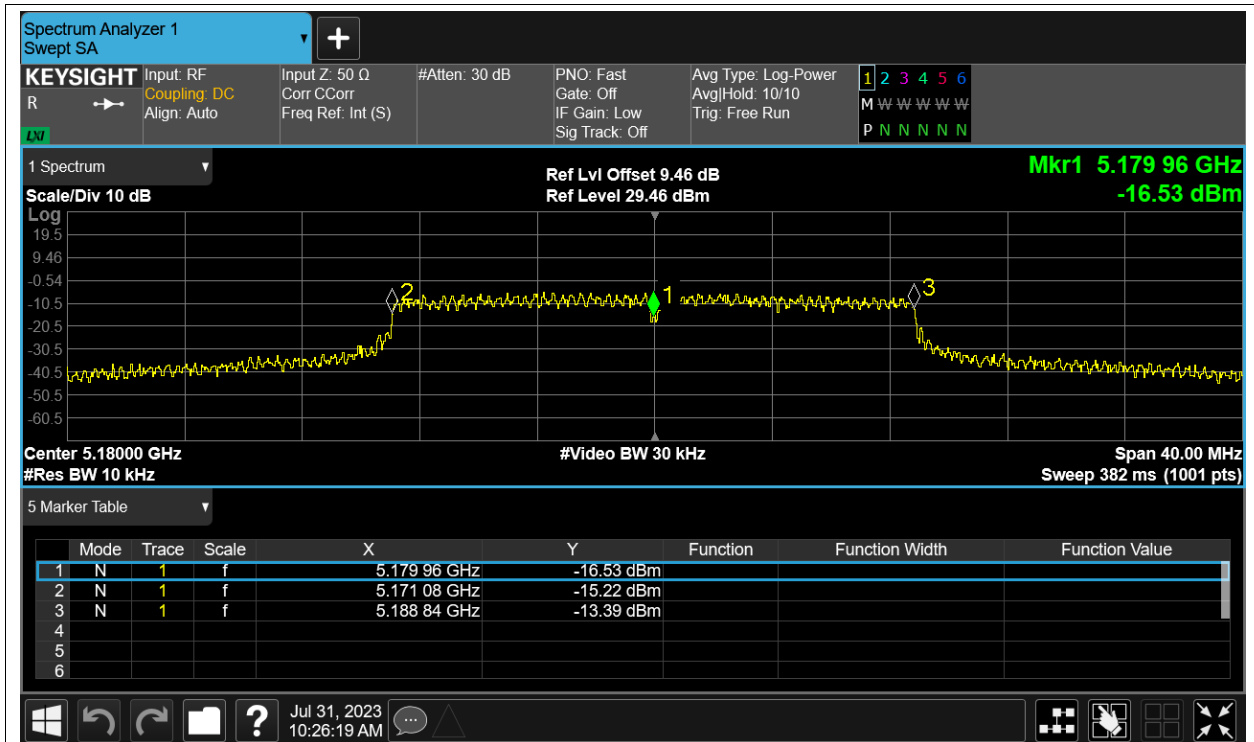
Freq. Stability NVLT ac40 5190MHz Sum



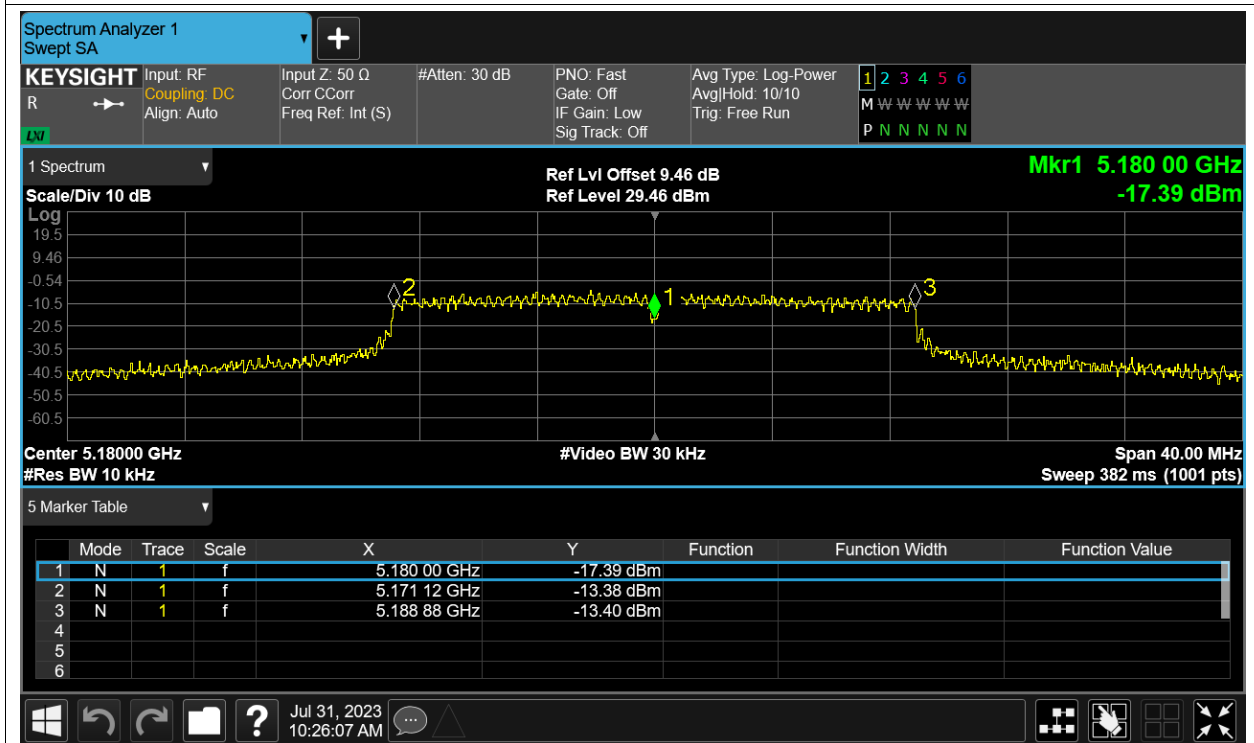
Freq. Stability NVNT ac40 5190MHz Sum



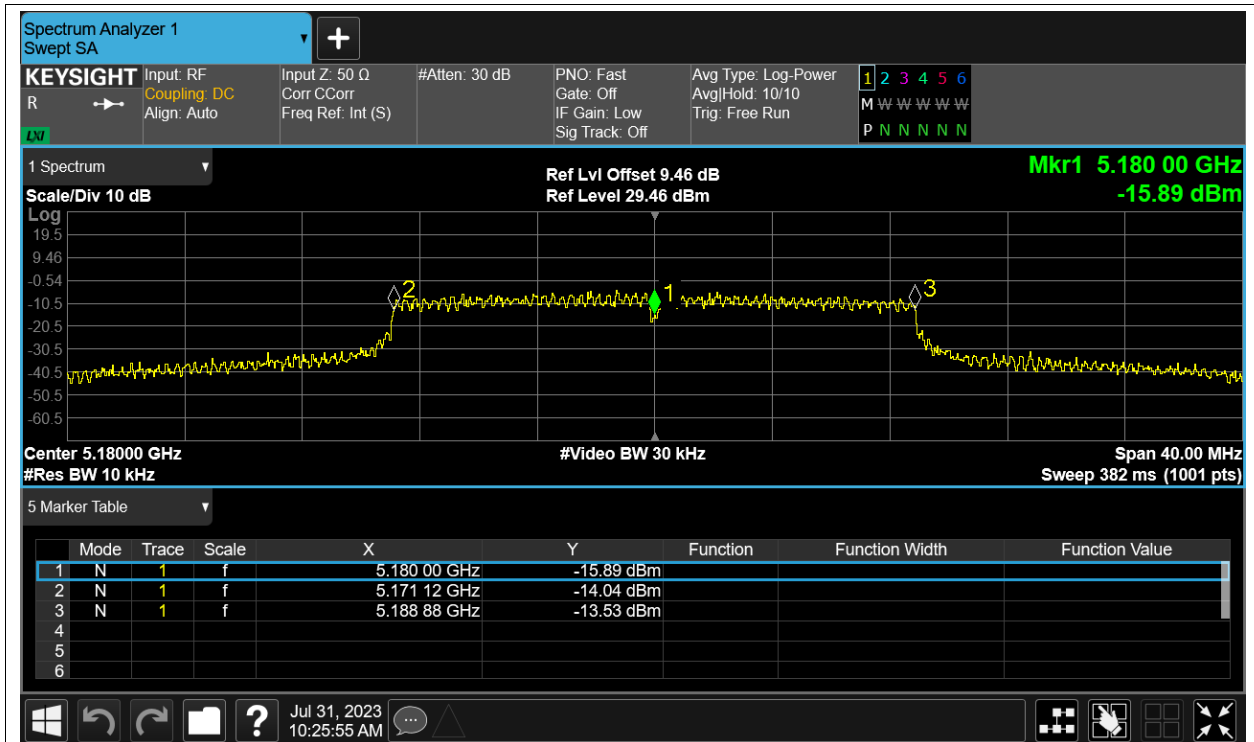
Freq. Stability HVNT n20 5180MHz Sum



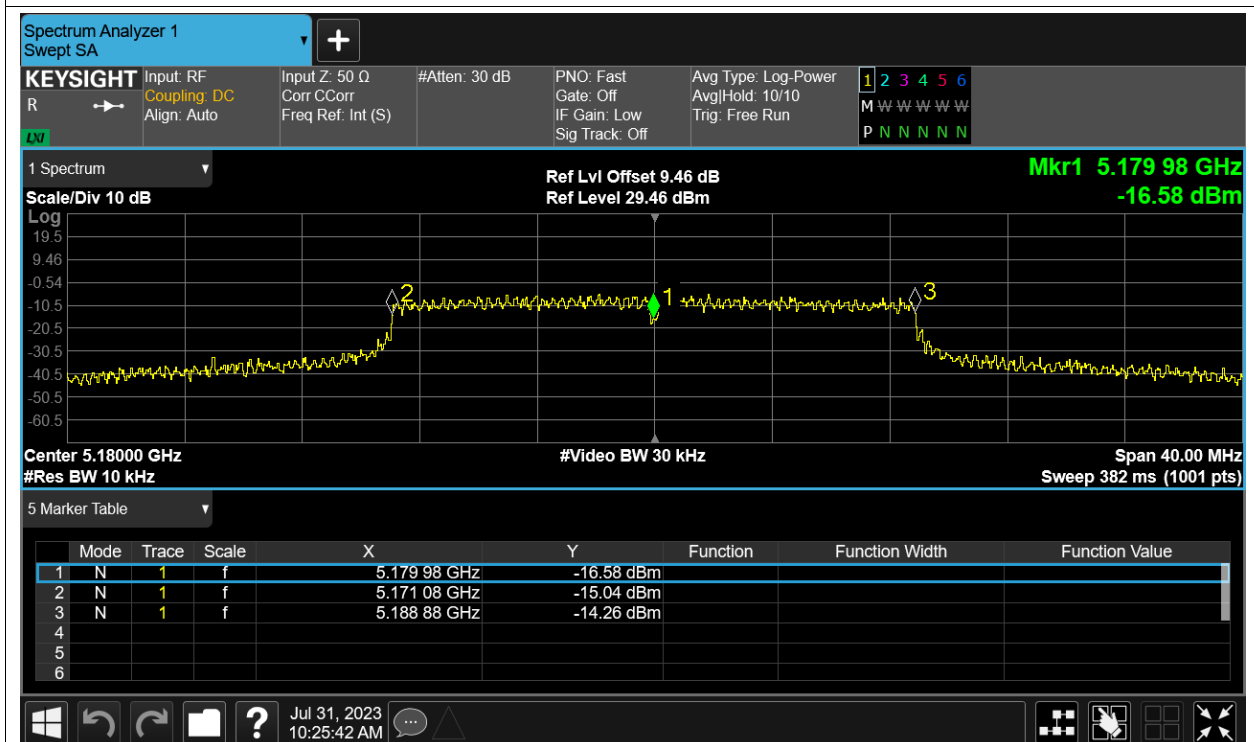
Freq. Stability LVNT n20 5180MHz Sum



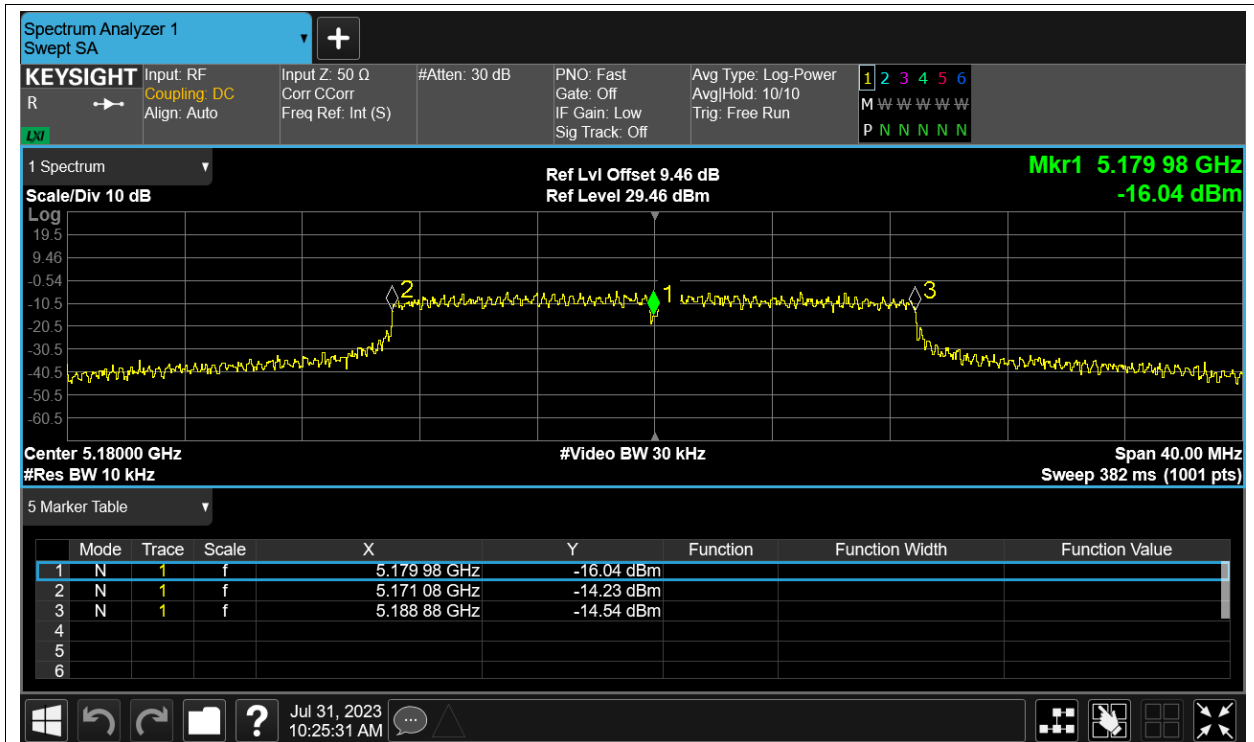
Freq. Stability NVHT n20 5180MHz Sum



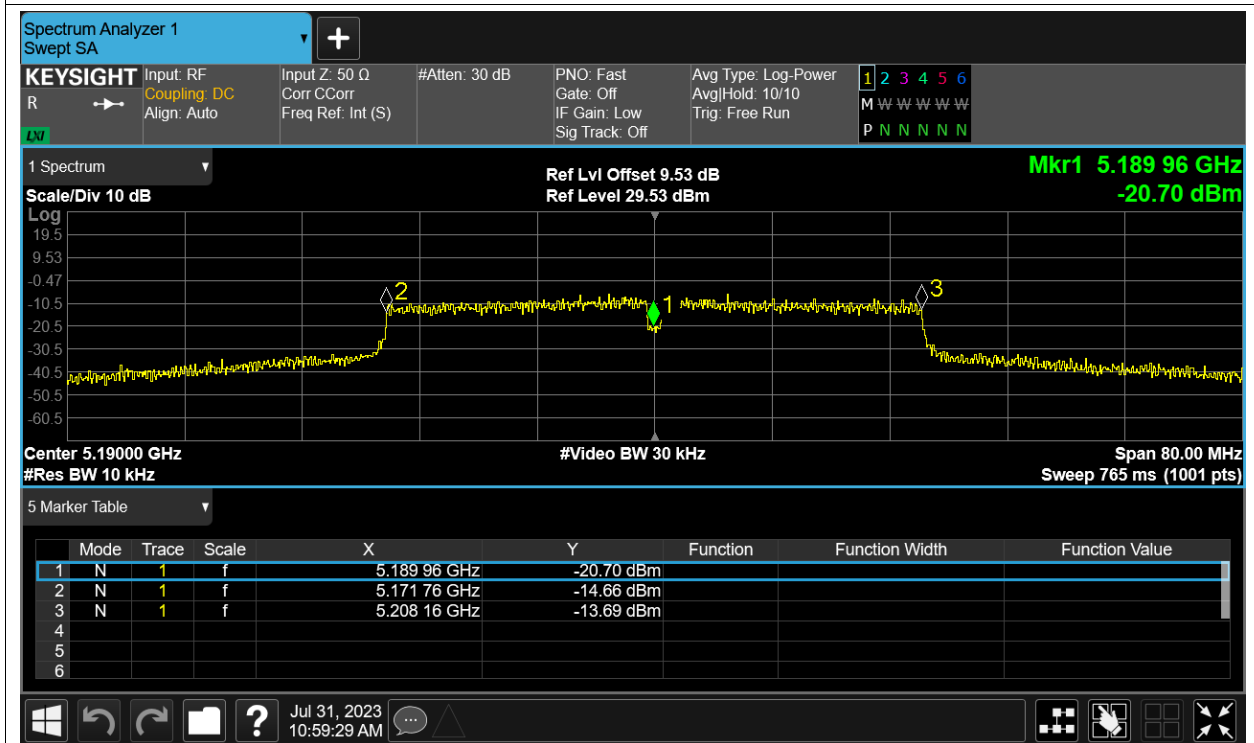
Freq. Stability NVLT n20 5180MHz Sum



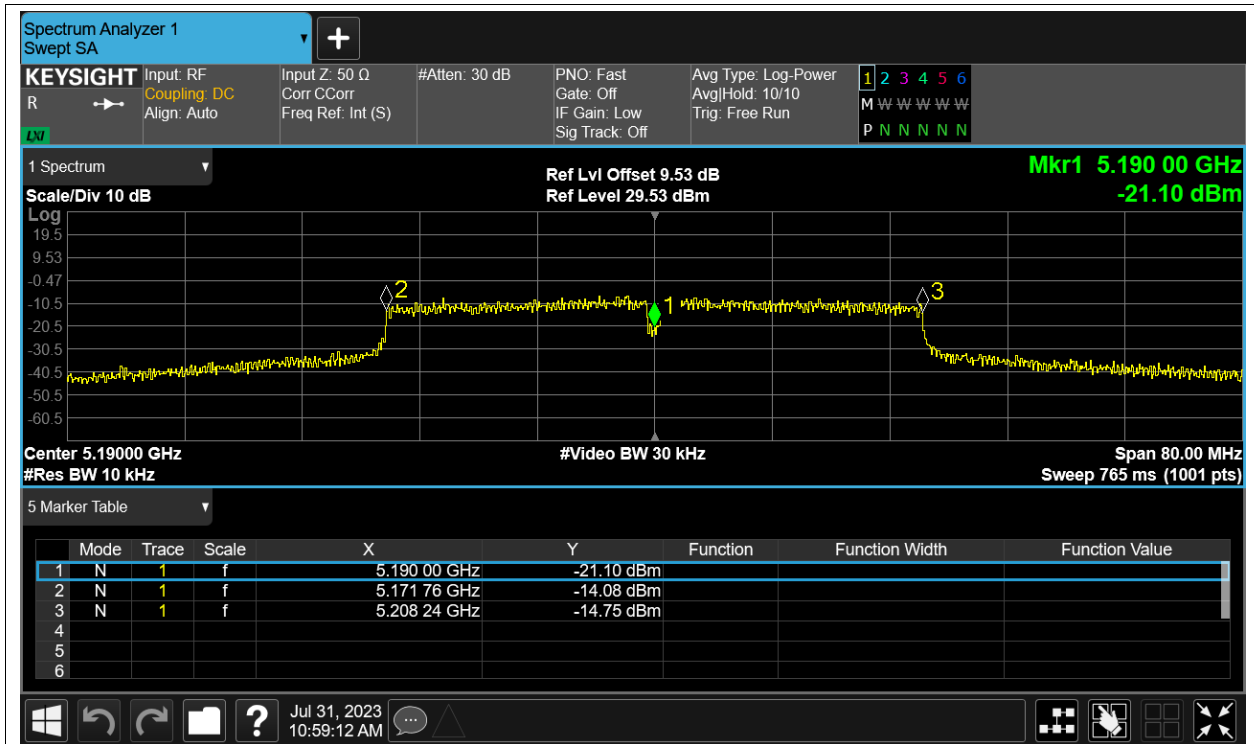
Freq. Stability NVNT n20 5180MHz Sum



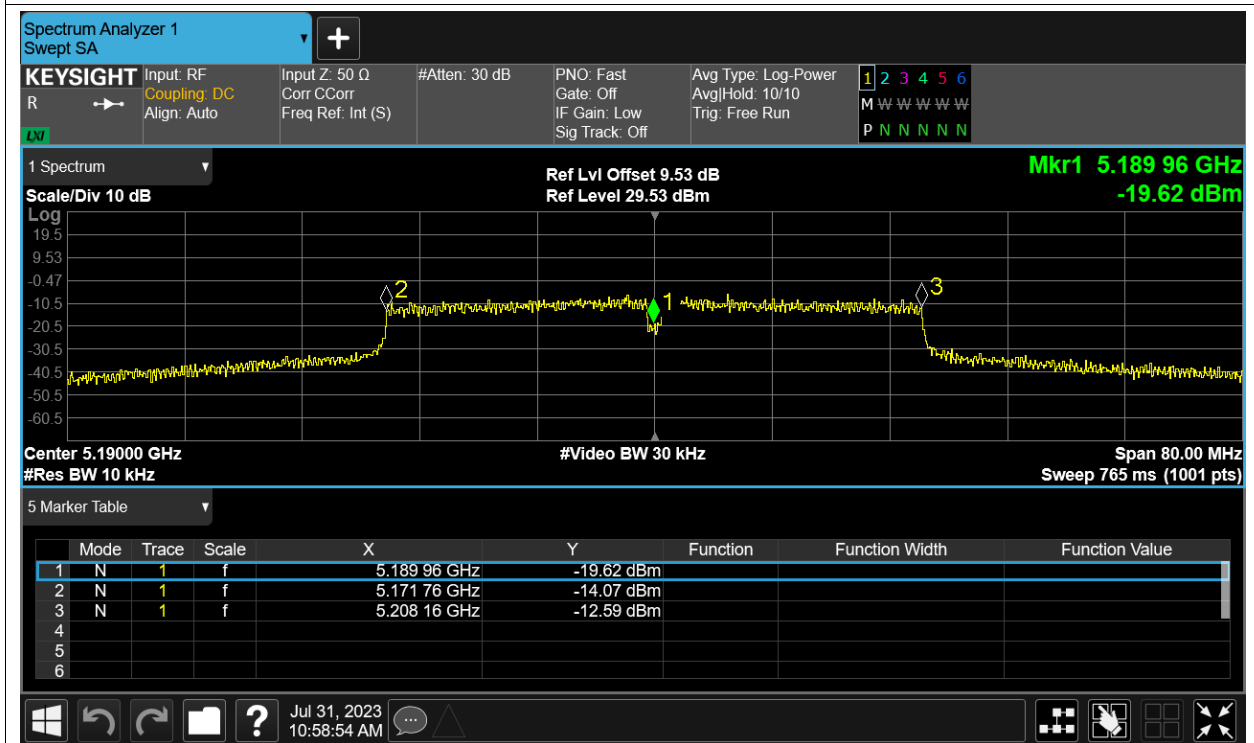
Freq. Stability HVNT n40 5190MHz Sum



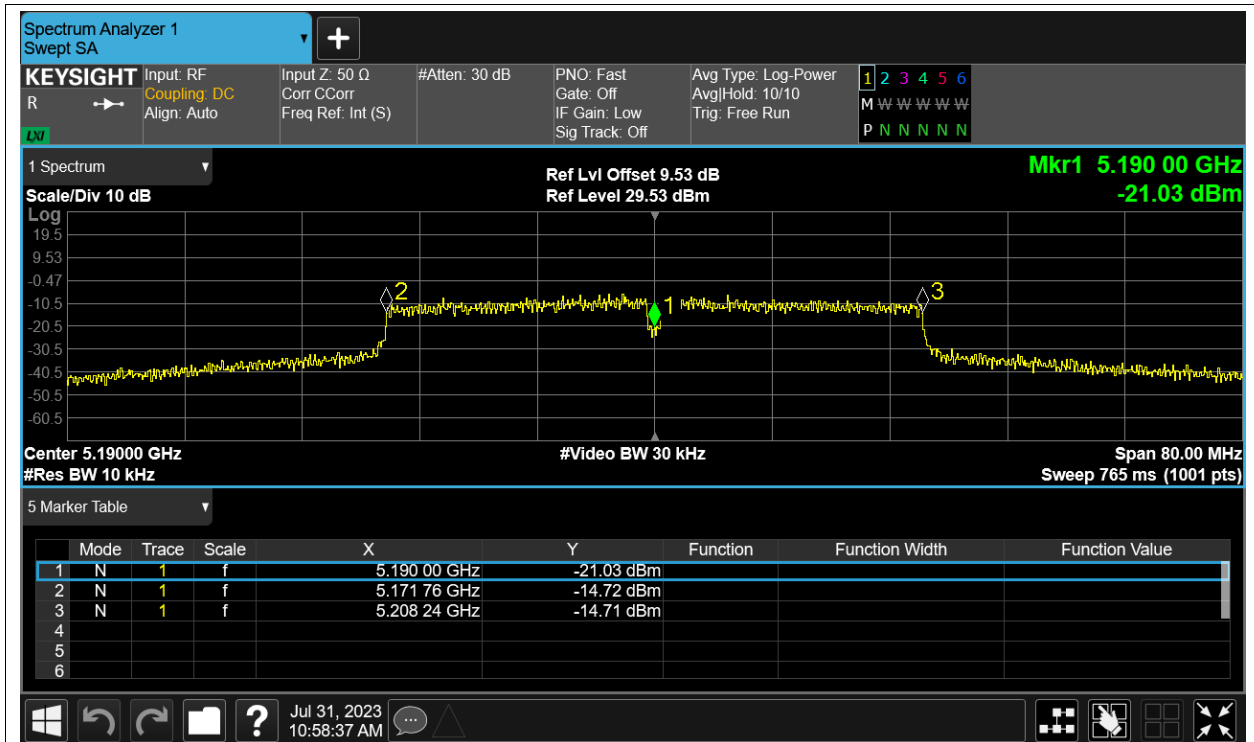
Freq. Stability LVNT n40 5190MHz Sum



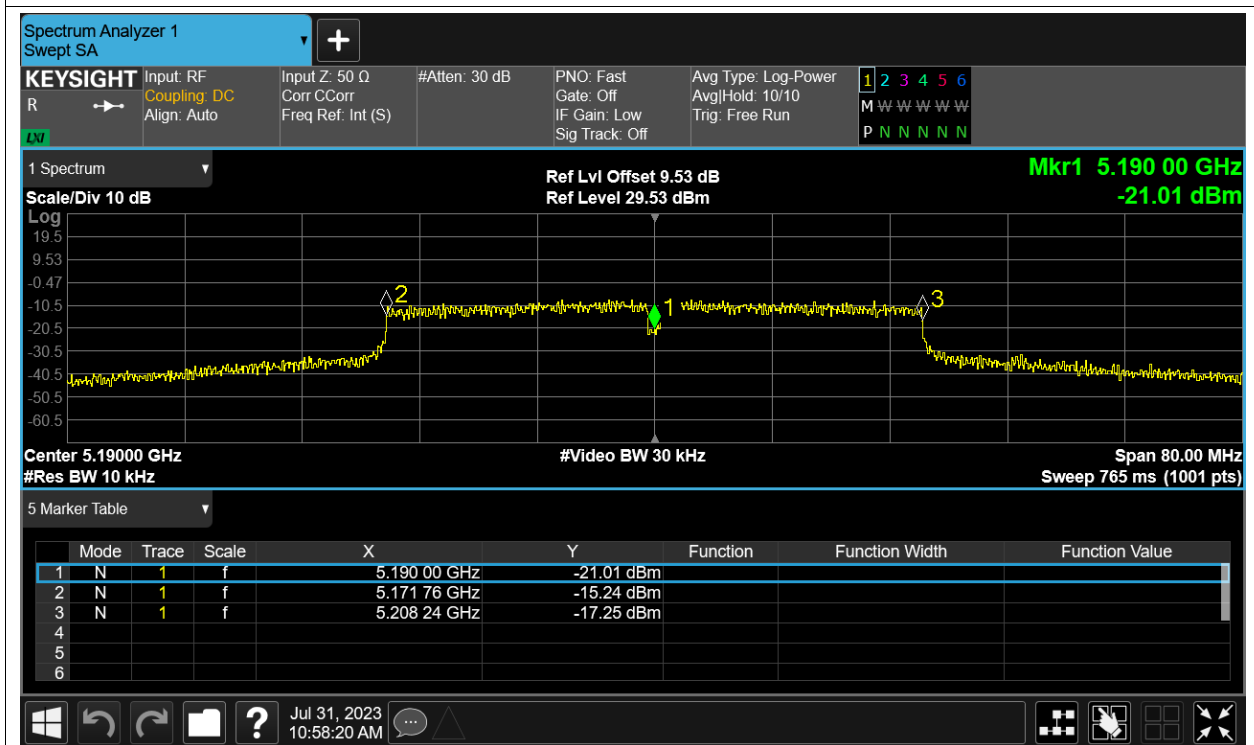
Freq. Stability NVHT n40 5190MHz Sum



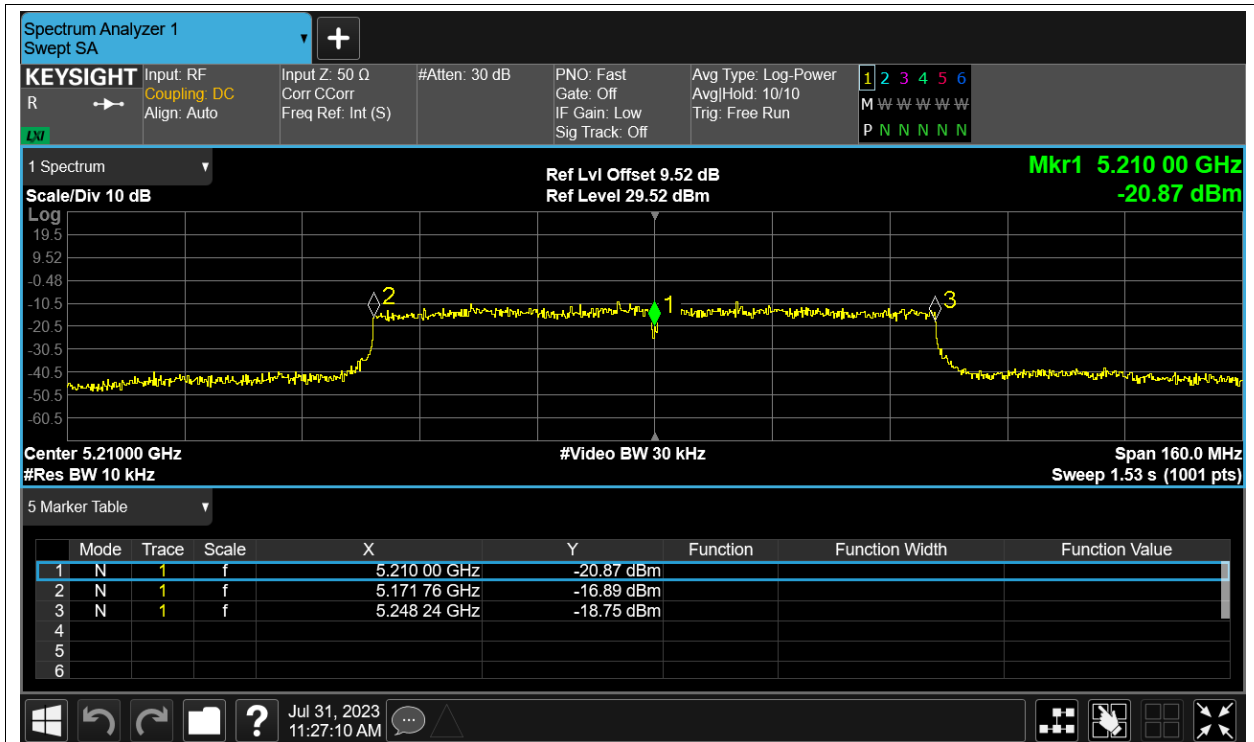
Freq. Stability NVLT n40 5190MHz Sum



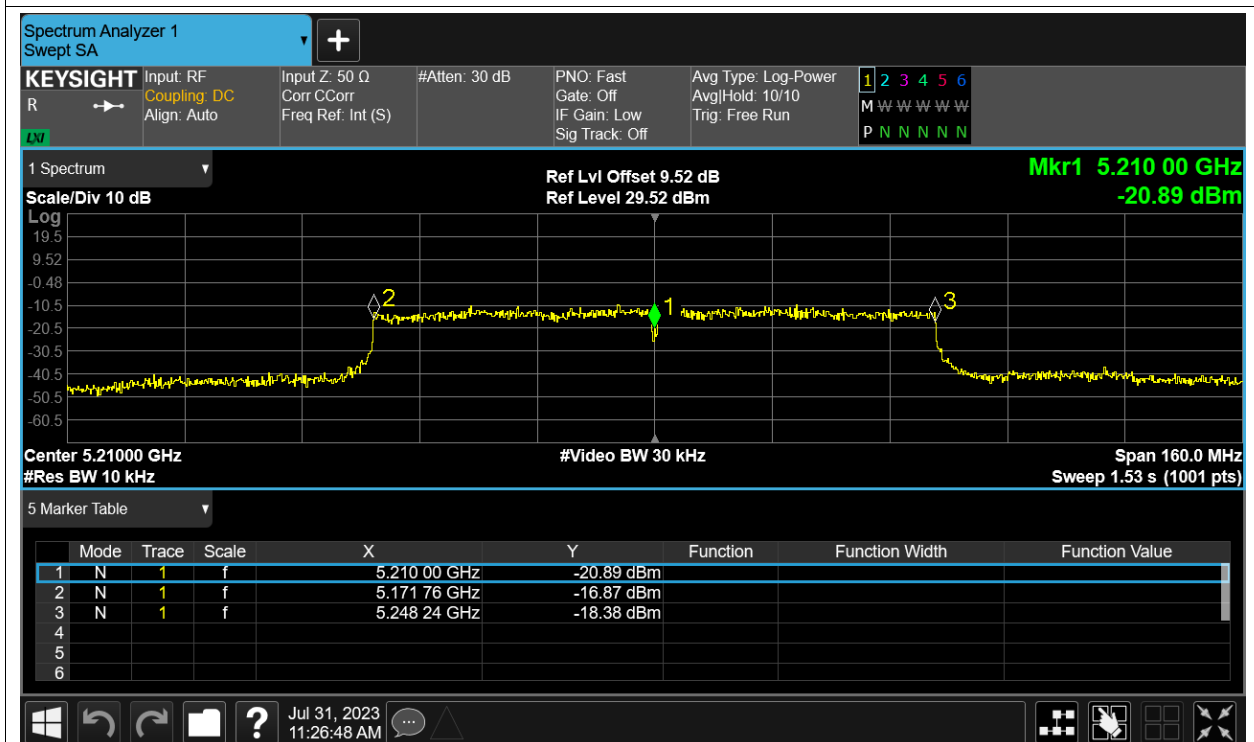
Freq. Stability NVNT n40 5190MHz Sum



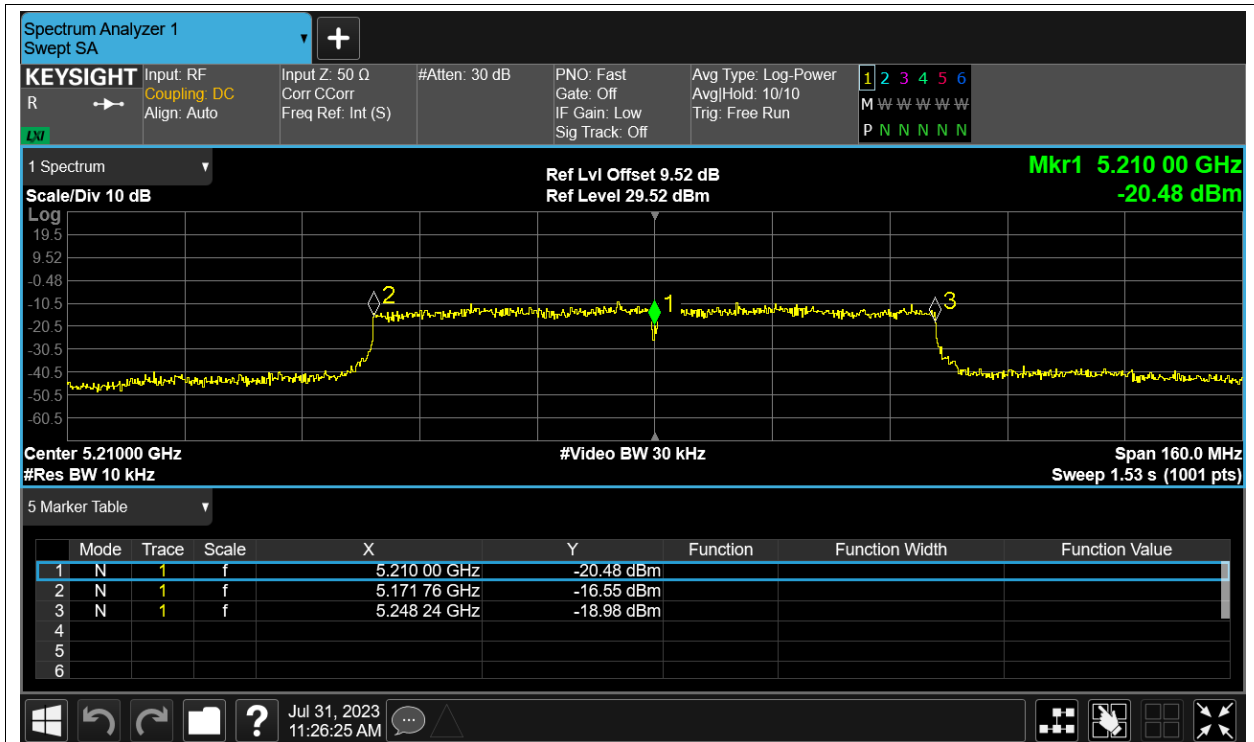
Freq. Stability LVHT ac80 5210MHz Sum



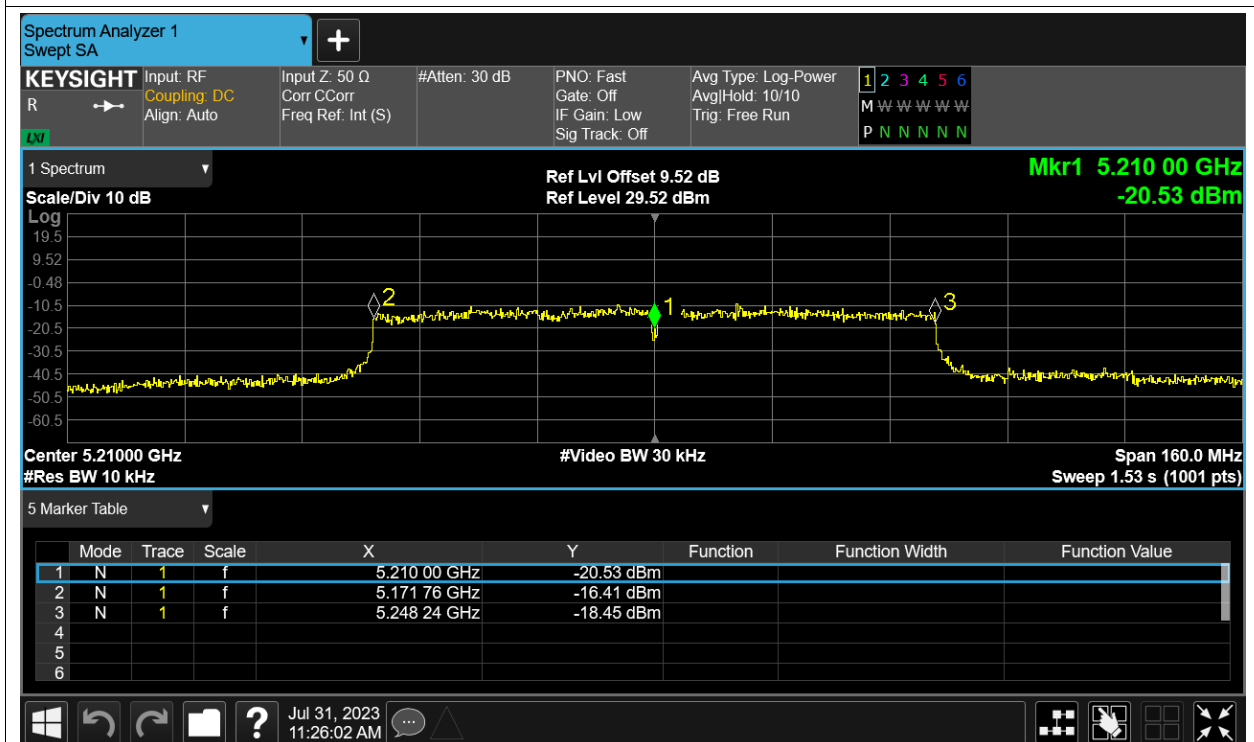
Freq. Stability LVNT ac80 5210MHz Sum



Freq. Stability NVHT ac80 5210MHz Sum



Freq. Stability NVLT ac80 5210MHz Sum



Freq. Stability NVNT ac80 5210MHz Sum

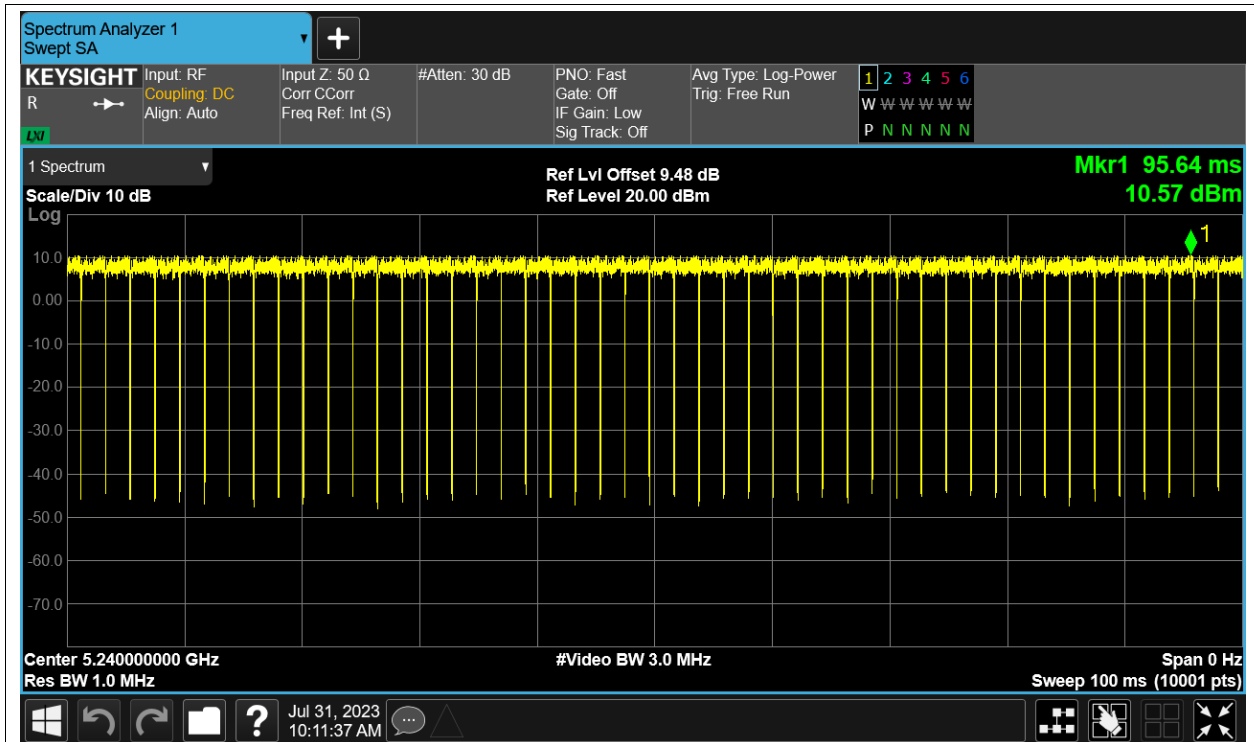


Duty Cycle

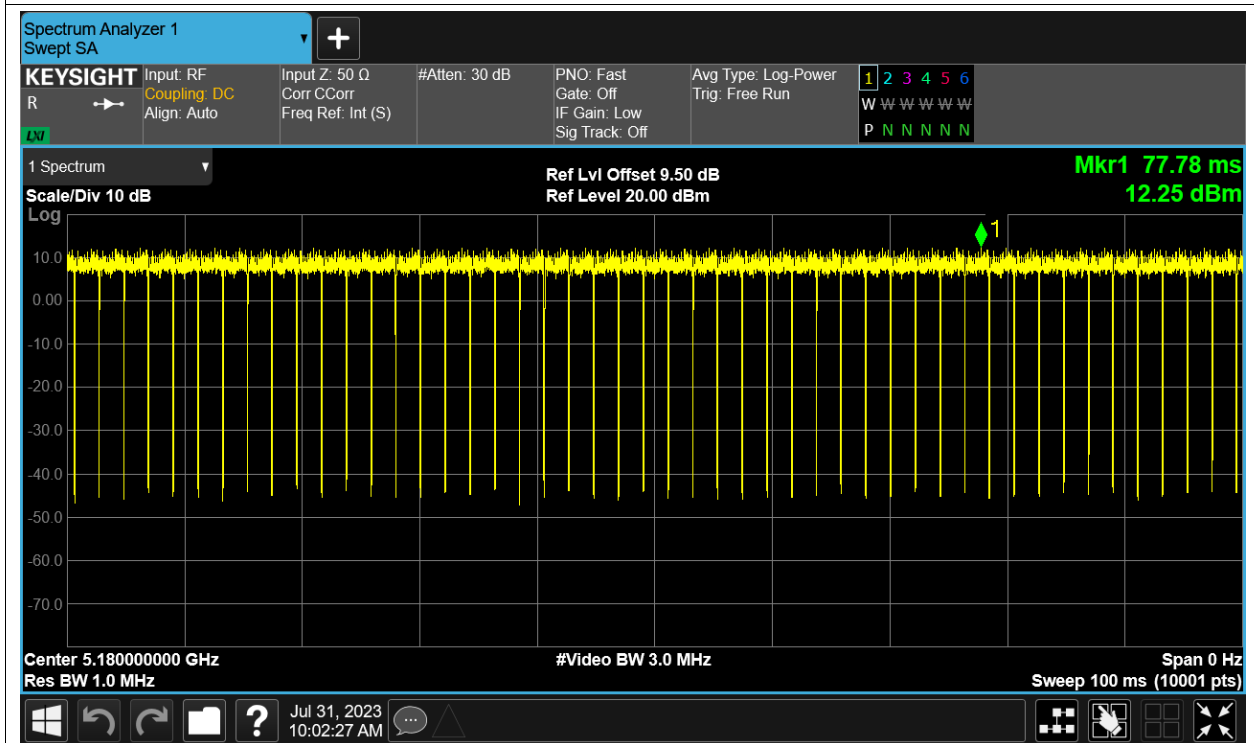
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	96.98	0.13
NVNT	a	5200	Ant1	96.98	0.13
NVNT	a	5240	Ant1	96.97	0.13
NVNT	a	5180	Ant2	96.93	0.14
NVNT	a	5200	Ant2	97.07	0.13
NVNT	a	5240	Ant2	96.94	0.13
NVNT	ac20	5180	Sum	98.72	0.06
NVNT	ac20	5200	Sum	98.67	0.06
NVNT	ac20	5240	Sum	98.58	0.06
NVNT	ac40	5190	Sum	100	0
NVNT	ac40	5230	Sum	97.25	0.12
NVNT	ac80	5210	Sum	94.45	0.25
NVNT	n20	5180	Sum	98.62	0.06
NVNT	n20	5200	Sum	98.6	0.06
NVNT	n20	5240	Sum	98.61	0.06
NVNT	n40	5190	Sum	97.31	0.12
NVNT	n40	5230	Sum	97.38	0.12

Duty Cycle NVNT a 5180MHz Ant1

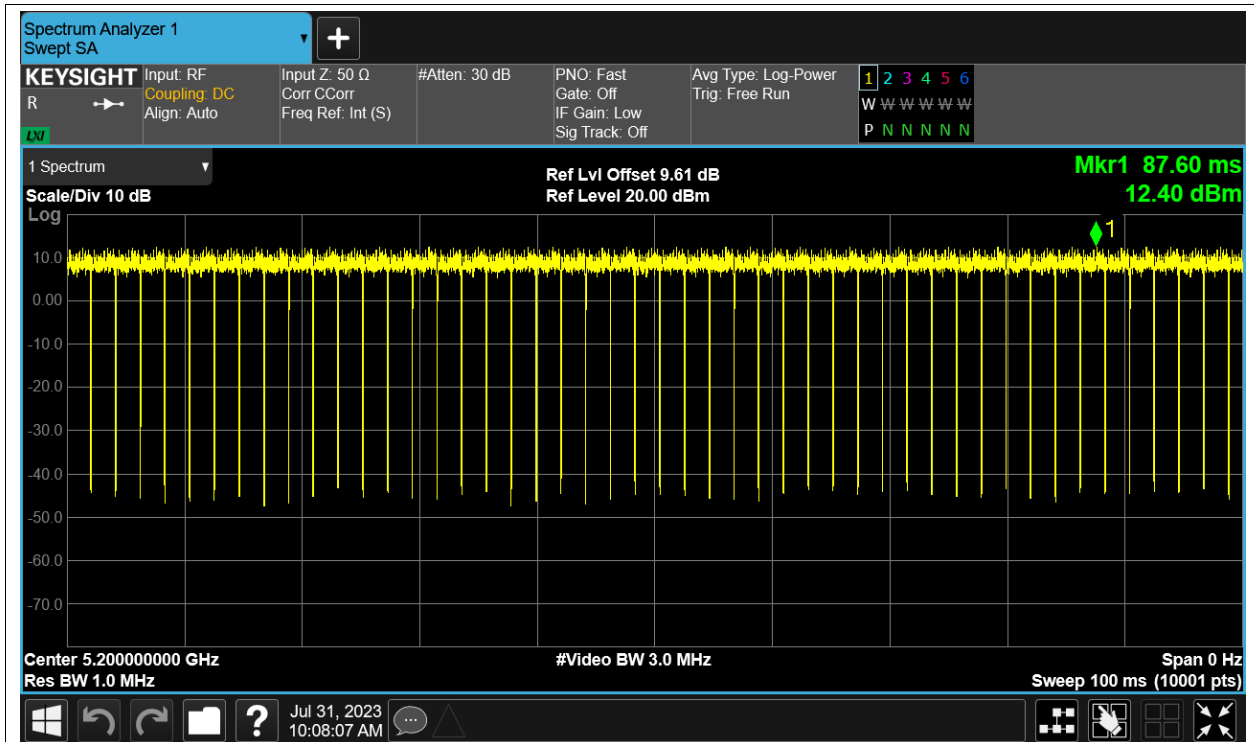




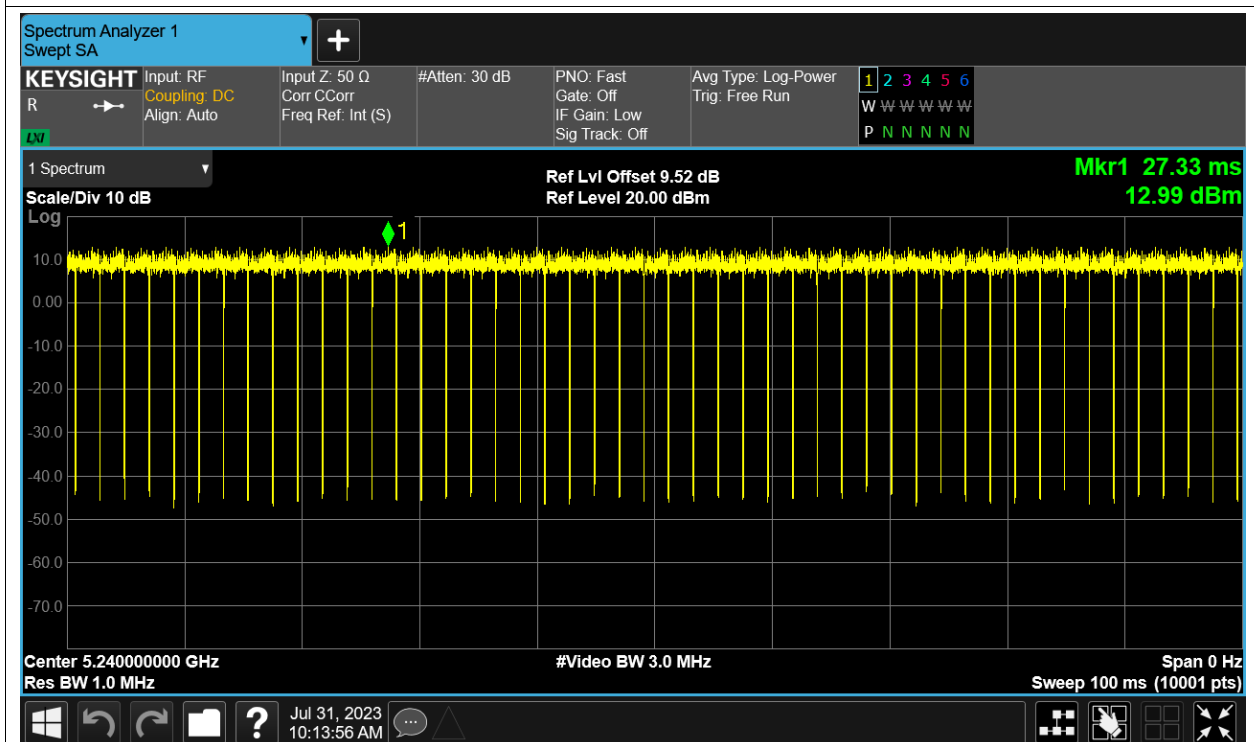
Duty Cycle NVNT a 5180MHz Ant2



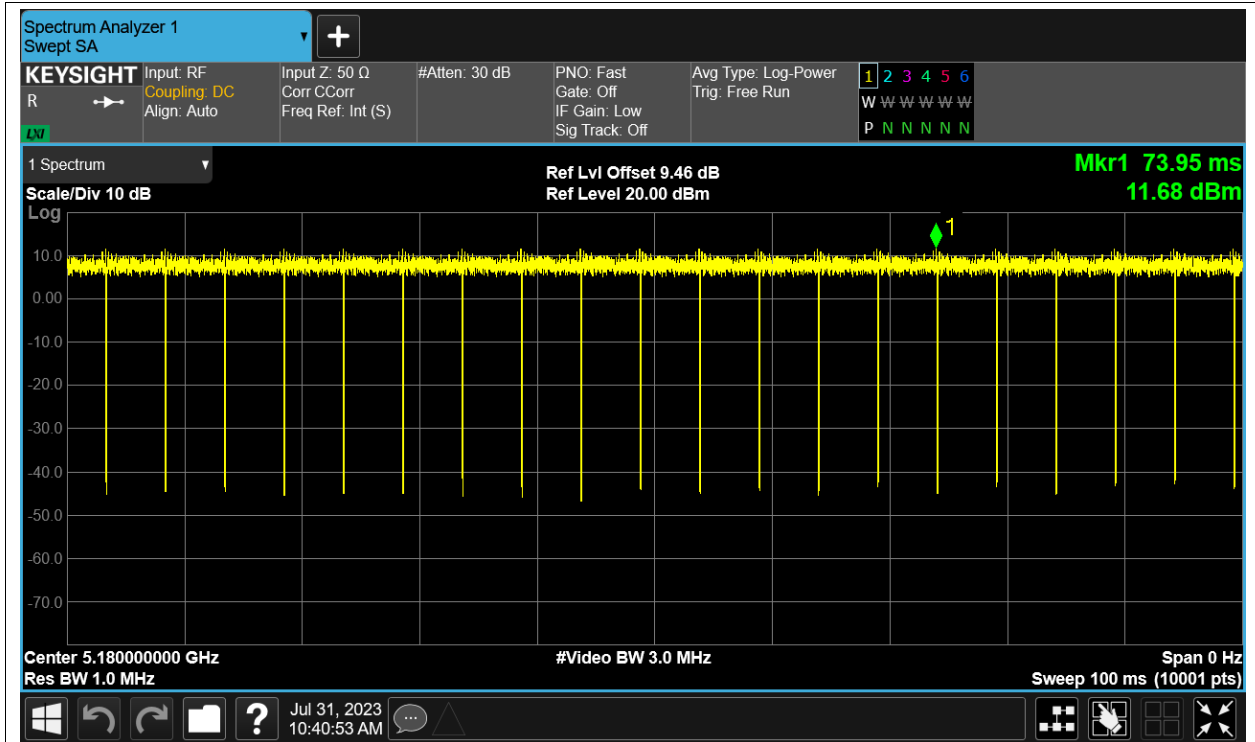
Duty Cycle NVNT a 5200MHz Ant2



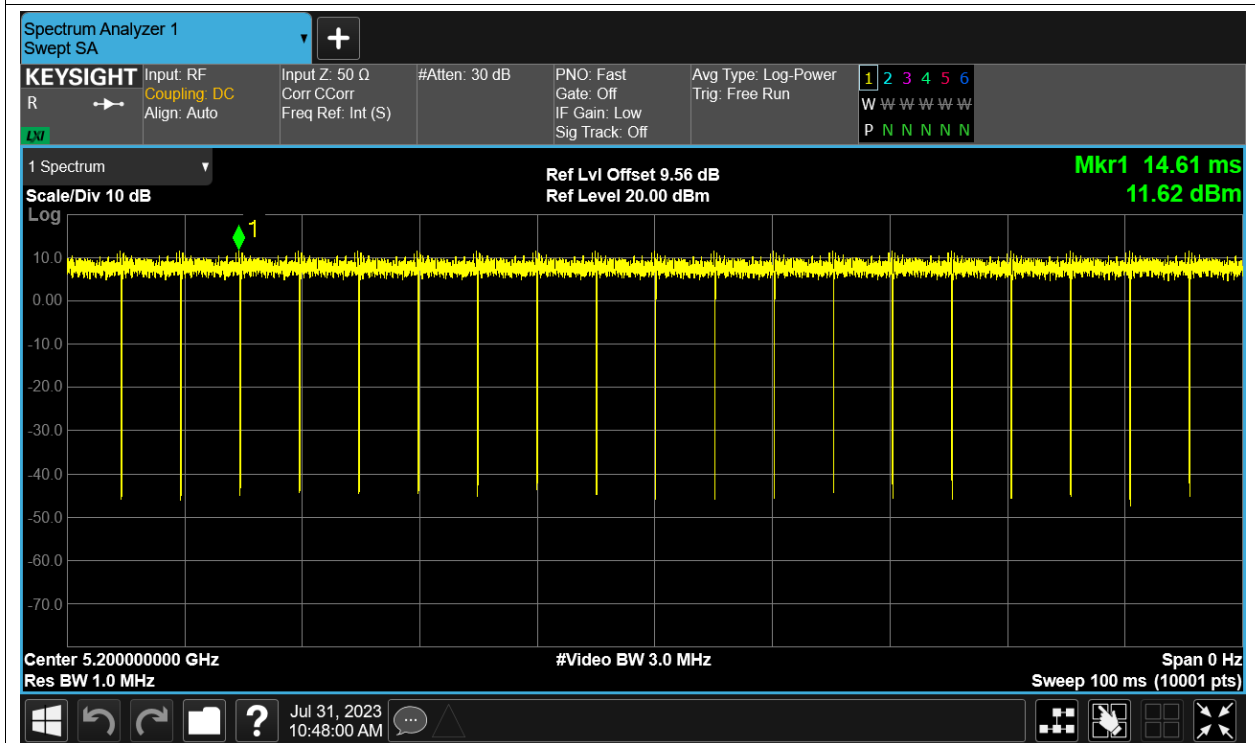
Duty Cycle NVNT a 5240MHz Ant2



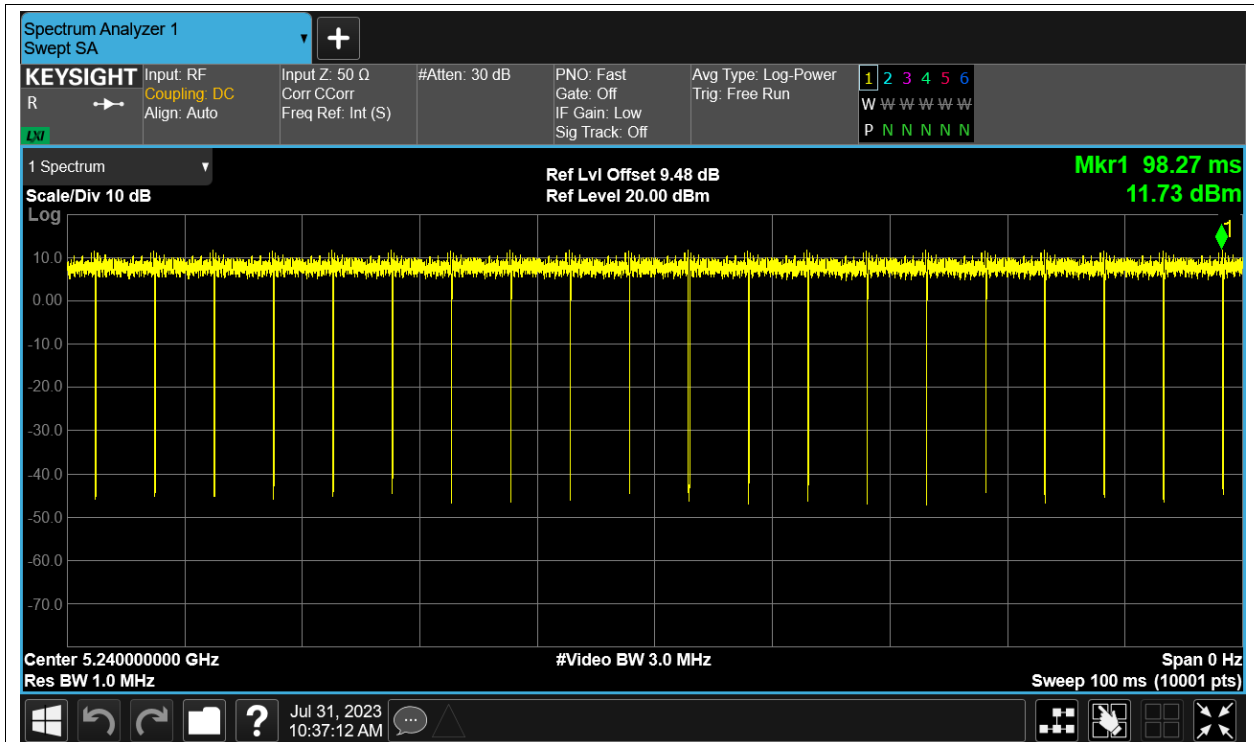
Duty Cycle NVNT ac20 5180MHz Sum



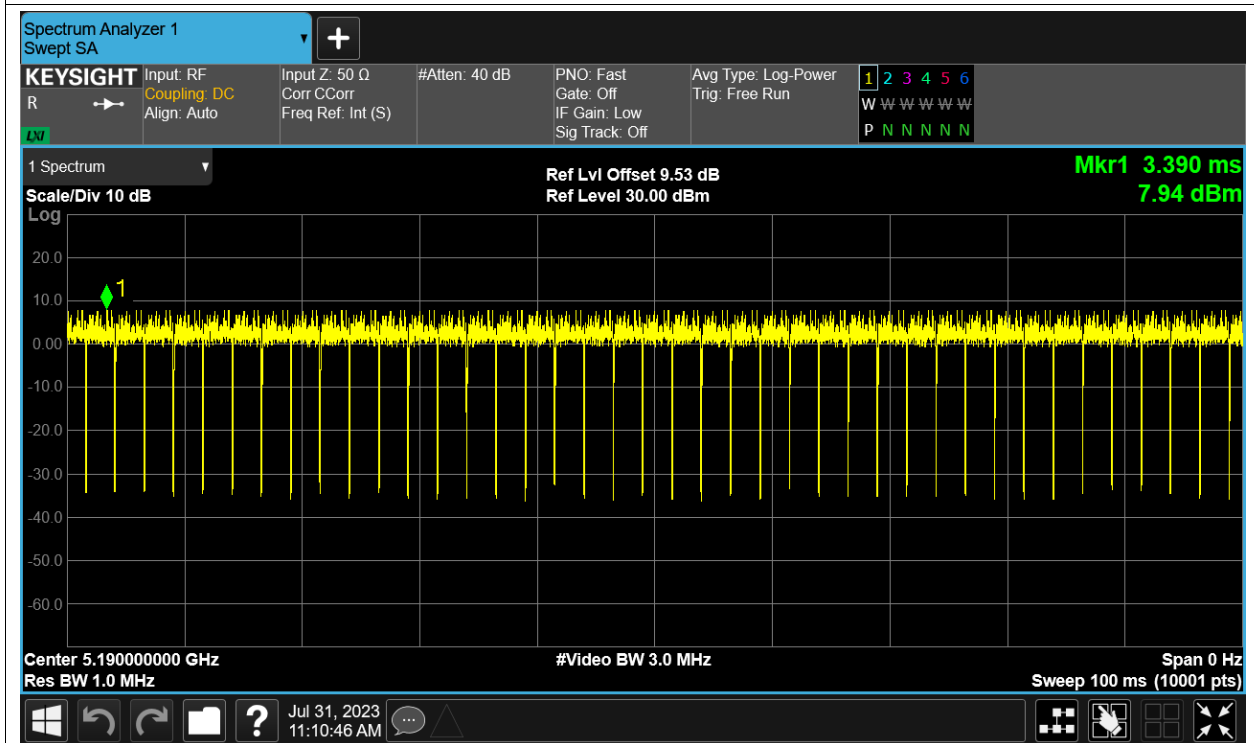
Duty Cycle NVNT ac20 5200MHz Sum



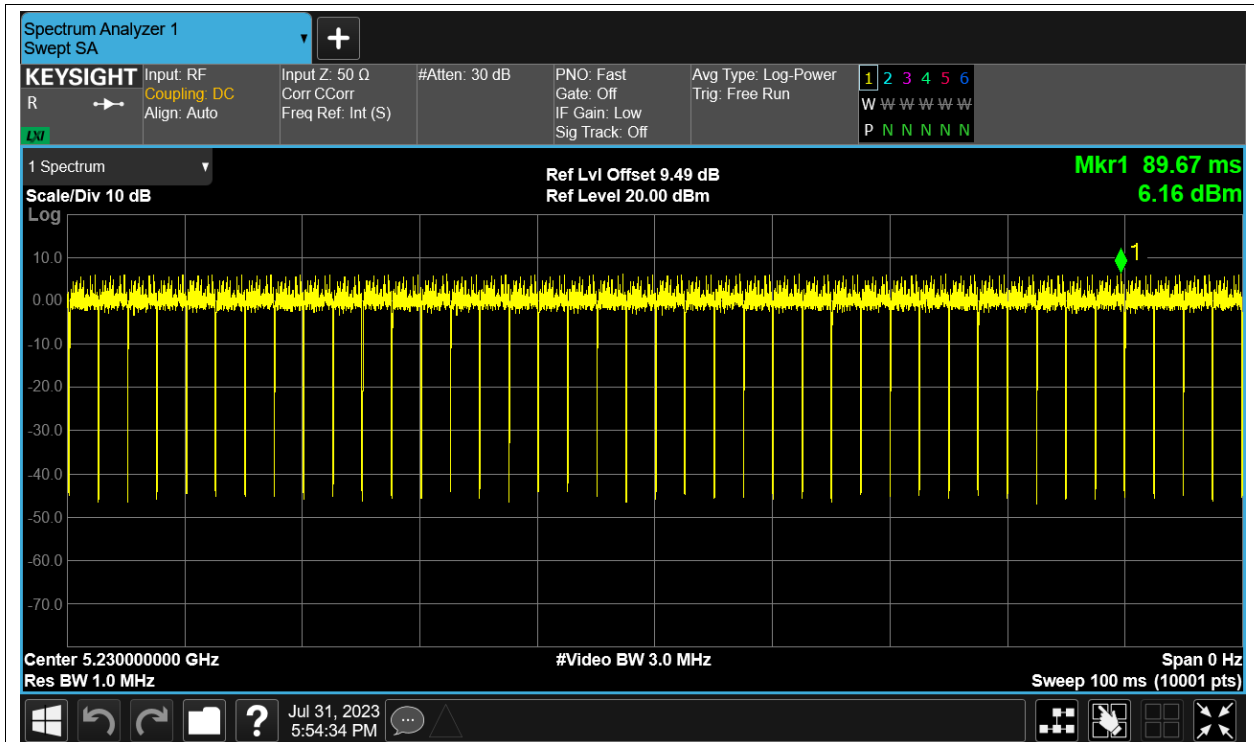
Duty Cycle NVNT ac20 5240MHz Sum



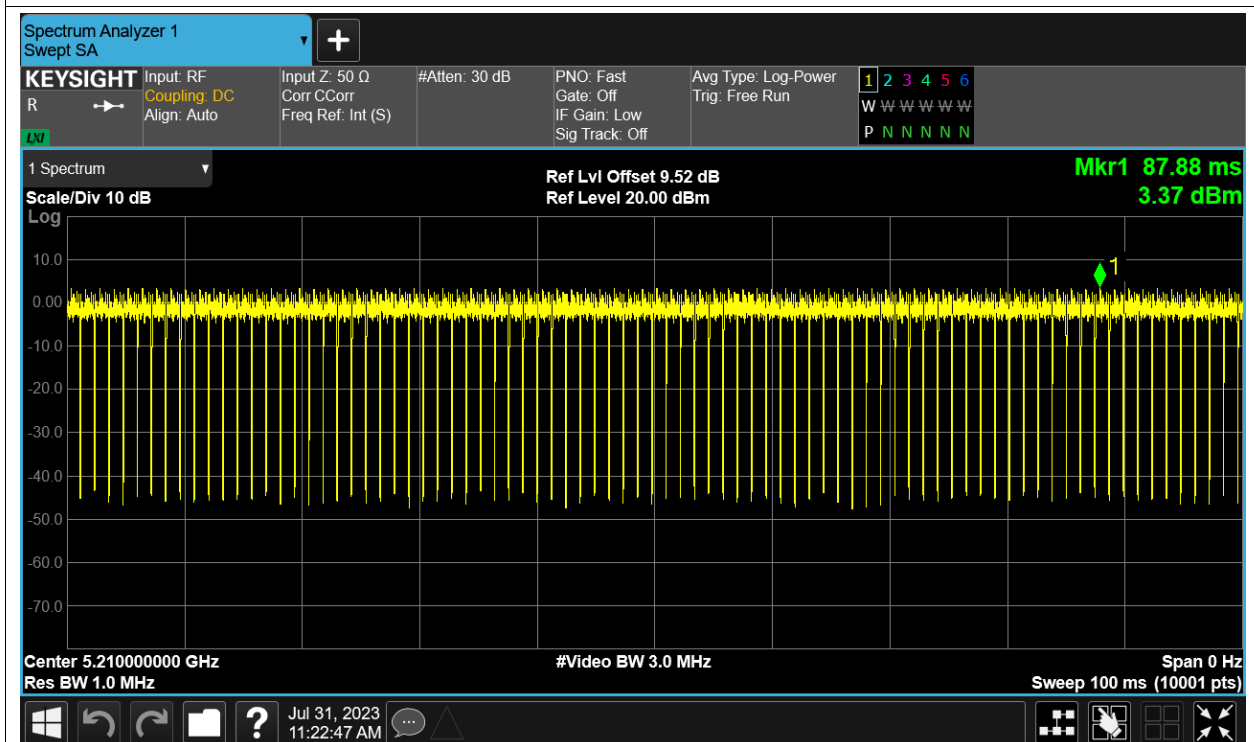
Duty Cycle NVNT ac40 5190MHz Sum



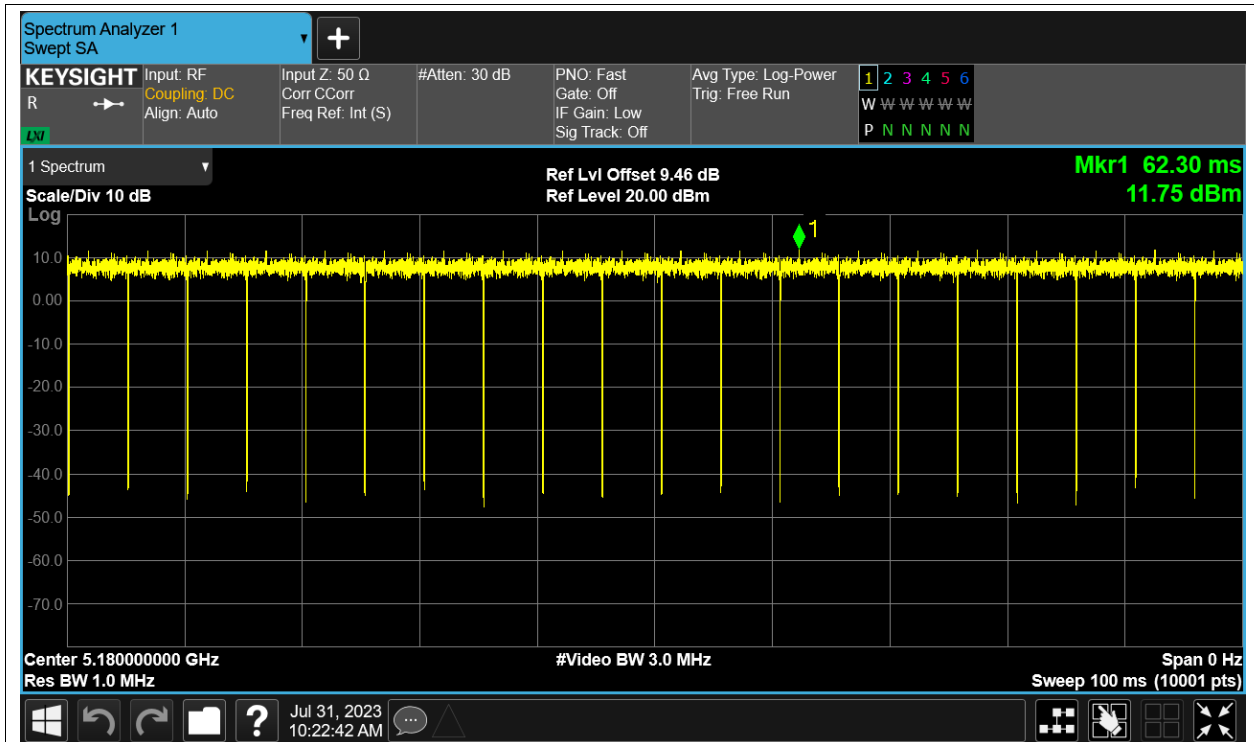
Duty Cycle NVNT ac40 5230MHz Sum



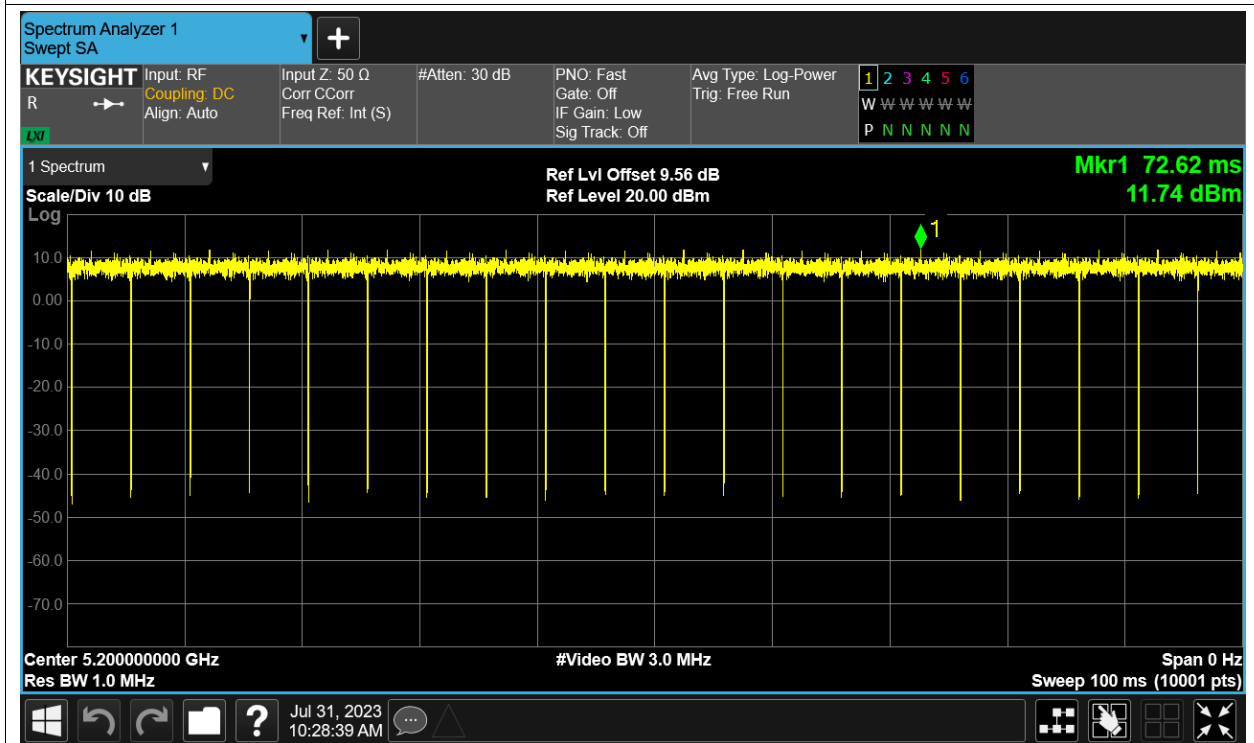
Duty Cycle NVNT ac80 5210MHz Sum



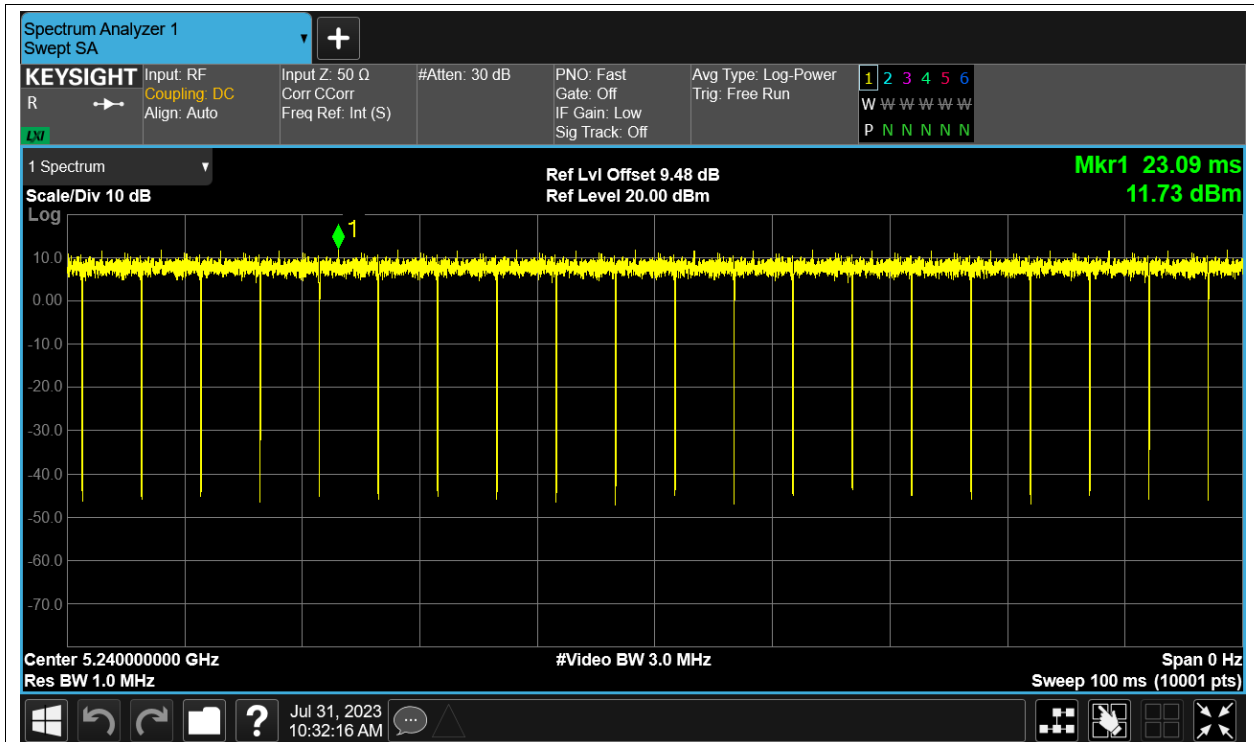
Duty Cycle NVNT n20 5180MHz Sum



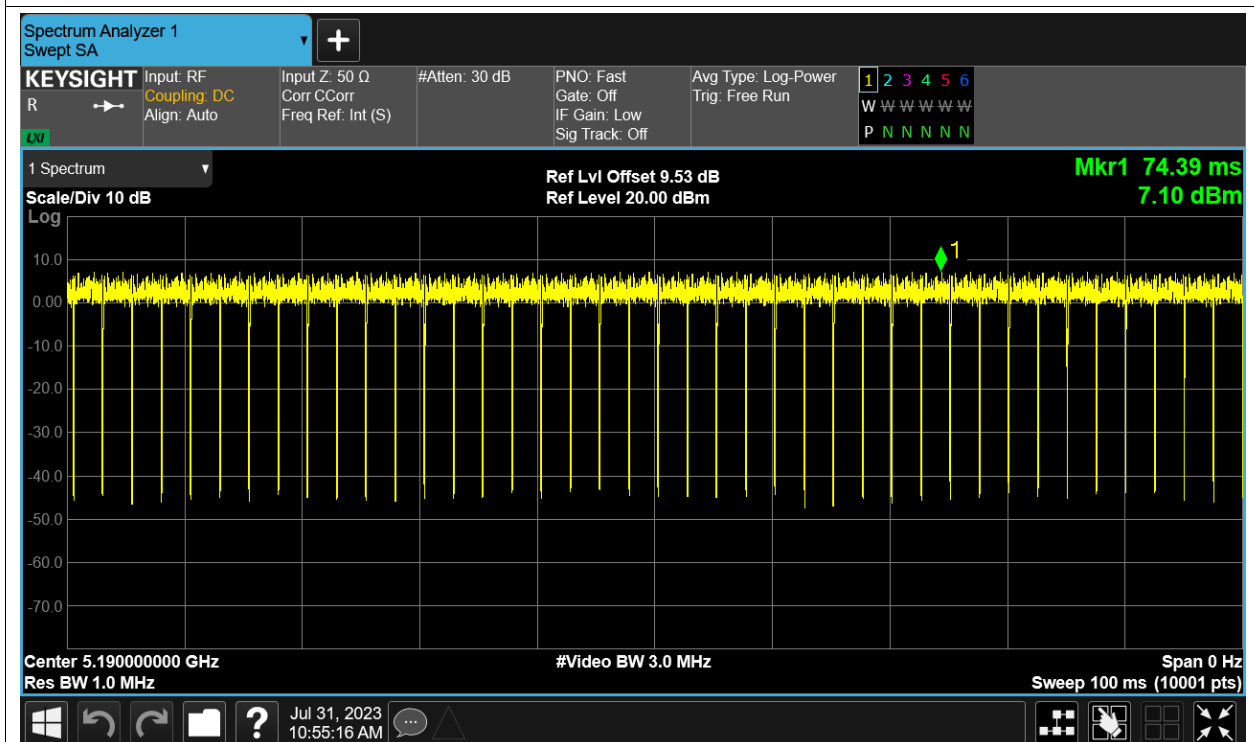
Duty Cycle NVNT n20 5200MHz Sum



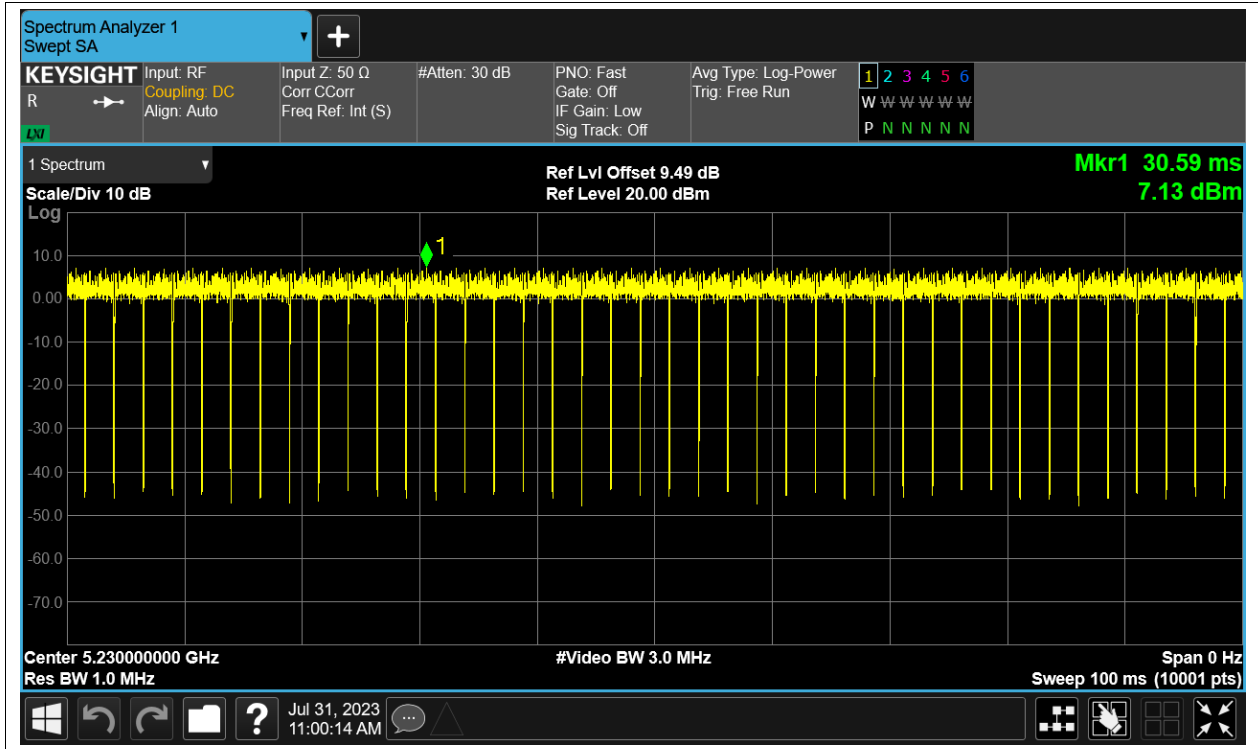
Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum



Duty Cycle NVNT n40 5230MHz Sum



Maximum Conducted Output Power

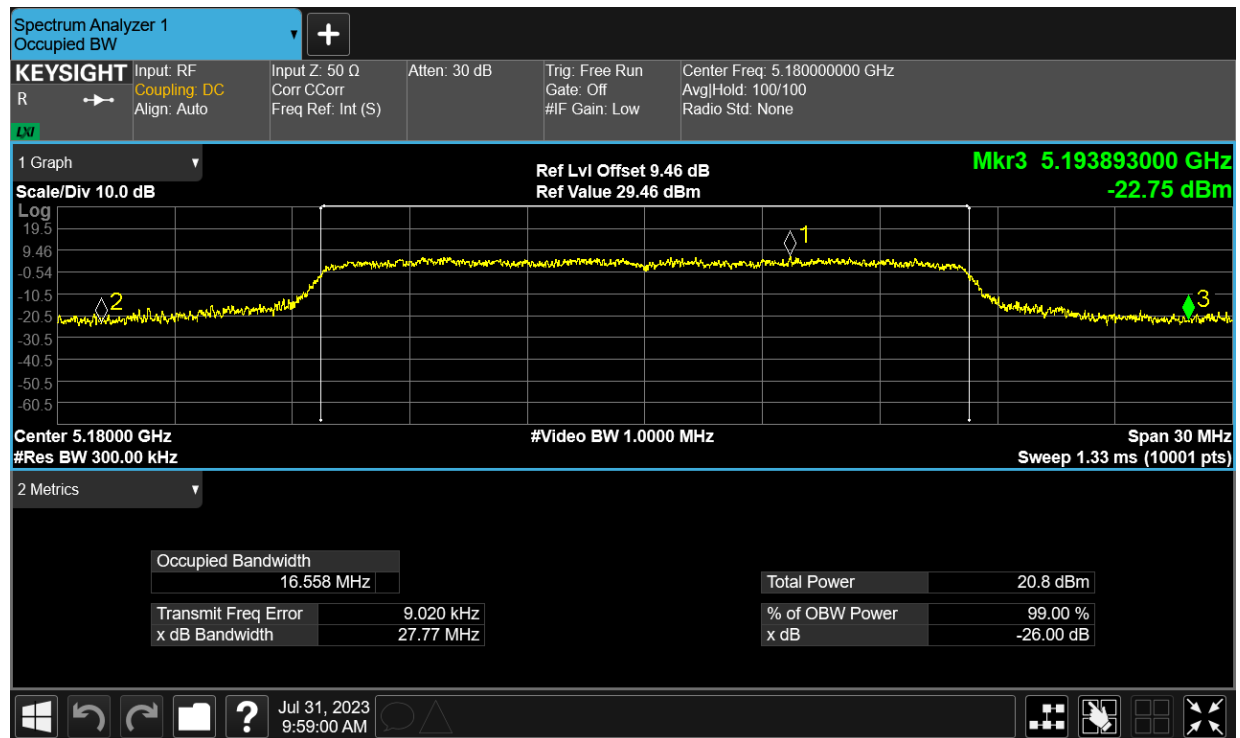
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	18.03	0.13	18.16	25.49	Pass
NVNT	a	5200	Ant1	17.97	0.13	18.1	25.49	Pass
NVNT	a	5240	Ant1	17.99	0.13	18.12	25.49	Pass
NVNT	a	5180	Ant2	18.24	0.14	18.38	25.49	Pass
NVNT	a	5200	Ant2	18.14	0.13	18.27	25.49	Pass
NVNT	a	5240	Ant2	18.68	0.13	18.81	25.49	Pass
NVNT	ac20	5180	Ant1	18.11	0.06	18.17	25.49	Pass
NVNT	ac20	5180	Ant2	18.22	0.06	18.28	25.49	Pass
NVNT	ac20	5180	Sum	21.176	0.06	21.236	25.49	Pass
NVNT	ac20	5200	Ant1	17.96	0.06	18.02	25.49	Pass
NVNT	ac20	5200	Ant2	18.15	0.06	18.21	25.49	Pass
NVNT	ac20	5200	Sum	21.066	0.06	21.126	25.49	Pass
NVNT	ac20	5240	Ant1	18.04	0.06	18.1	25.49	Pass
NVNT	ac20	5240	Ant2	18.68	0.06	18.74	25.49	Pass
NVNT	ac20	5240	Sum	21.382	0.06	21.442	25.49	Pass
NVNT	ac40	5190	Ant1	18.43	0	18.43	25.49	Pass
NVNT	ac40	5190	Ant2	18.64	0	18.64	25.49	Pass
NVNT	ac40	5190	Sum	21.547	0	21.547	25.49	Pass
NVNT	ac40	5230	Ant1	17.33	0.12	17.45	25.49	Pass
NVNT	ac40	5230	Ant2	17.58	0.12	17.7	25.49	Pass
NVNT	ac40	5230	Sum	20.467	0.12	20.587	25.49	Pass
NVNT	ac80	5210	Ant1	18.04	0.25	18.29	25.49	Pass
NVNT	ac80	5210	Ant2	18.2	0.25	18.45	25.49	Pass
NVNT	ac80	5210	Sum	21.131	0.25	21.381	25.49	Pass
NVNT	n20	5180	Ant1	18.11	0.06	18.17	25.49	Pass
NVNT	n20	5180	Ant2	18.22	0.06	18.28	25.49	Pass
NVNT	n20	5180	Sum	21.176	0.06	21.236	25.49	Pass
NVNT	n20	5200	Ant1	17.98	0.06	18.04	25.49	Pass
NVNT	n20	5200	Ant2	18.14	0.06	18.2	25.49	Pass
NVNT	n20	5200	Sum	21.071	0.06	21.131	25.49	Pass
NVNT	n20	5240	Ant1	18.05	0.06	18.11	25.49	Pass
NVNT	n20	5240	Ant2	18.67	0.06	18.73	25.49	Pass
NVNT	n20	5240	Sum	21.381	0.06	21.441	25.49	Pass
NVNT	n40	5190	Ant1	18.43	0.12	18.55	25.49	Pass
NVNT	n40	5190	Ant2	18.64	0.12	18.76	25.49	Pass
NVNT	n40	5190	Sum	21.547	0.12	21.667	25.49	Pass
NVNT	n40	5230	Ant1	18.41	0.12	18.53	25.49	Pass
NVNT	n40	5230	Ant2	19.23	0.12	19.35	25.49	Pass
NVNT	n40	5230	Sum	21.85	0.12	21.97	25.49	Pass

-26dB Bandwidth

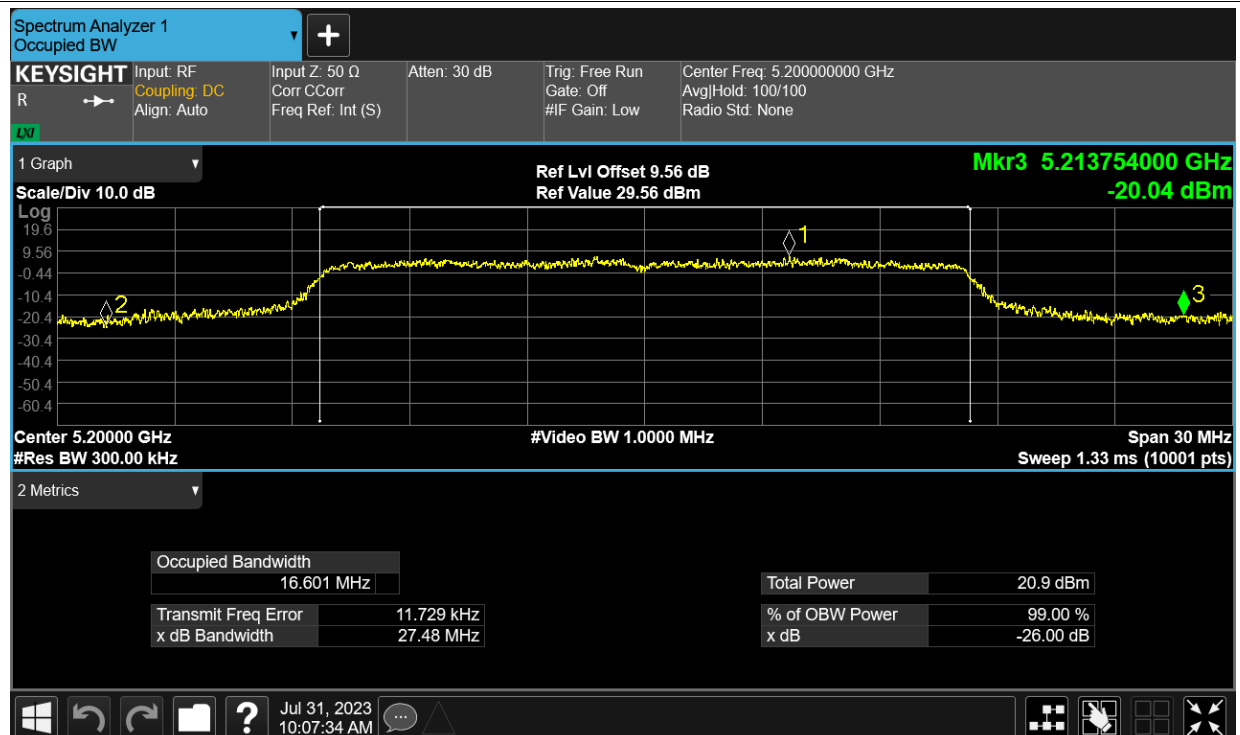
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	27.767
NVNT	a	5200	Ant1	27.485
NVNT	a	5240	Ant1	28.204
NVNT	a	5180	Ant2	28.093
NVNT	a	5200	Ant2	26.122
NVNT	a	5240	Ant2	28.295
NVNT	ac20	5180	Ant1	28.975
NVNT	ac20	5180	Ant2	27.746
NVNT	ac20	5200	Ant1	29.079
NVNT	ac20	5200	Ant2	27.952
NVNT	ac20	5240	Ant1	27.635
NVNT	ac20	5240	Ant2	29.887
NVNT	ac40	5190	Ant1	55.084
NVNT	ac40	5190	Ant2	59.209
NVNT	ac40	5230	Ant1	40.788
NVNT	ac40	5230	Ant2	49.728
NVNT	ac80	5210	Ant1	106.959
NVNT	ac80	5210	Ant2	97.452
NVNT	n20	5180	Ant1	25.663
NVNT	n20	5180	Ant2	27.895
NVNT	n20	5200	Ant1	25.442
NVNT	n20	5200	Ant2	27.213
NVNT	n20	5240	Ant1	27.797
NVNT	n20	5240	Ant2	29.82
NVNT	n40	5190	Ant1	55.324
NVNT	n40	5190	Ant2	58.179
NVNT	n40	5230	Ant1	58.014
NVNT	n40	5230	Ant2	59.796

Test Graphs

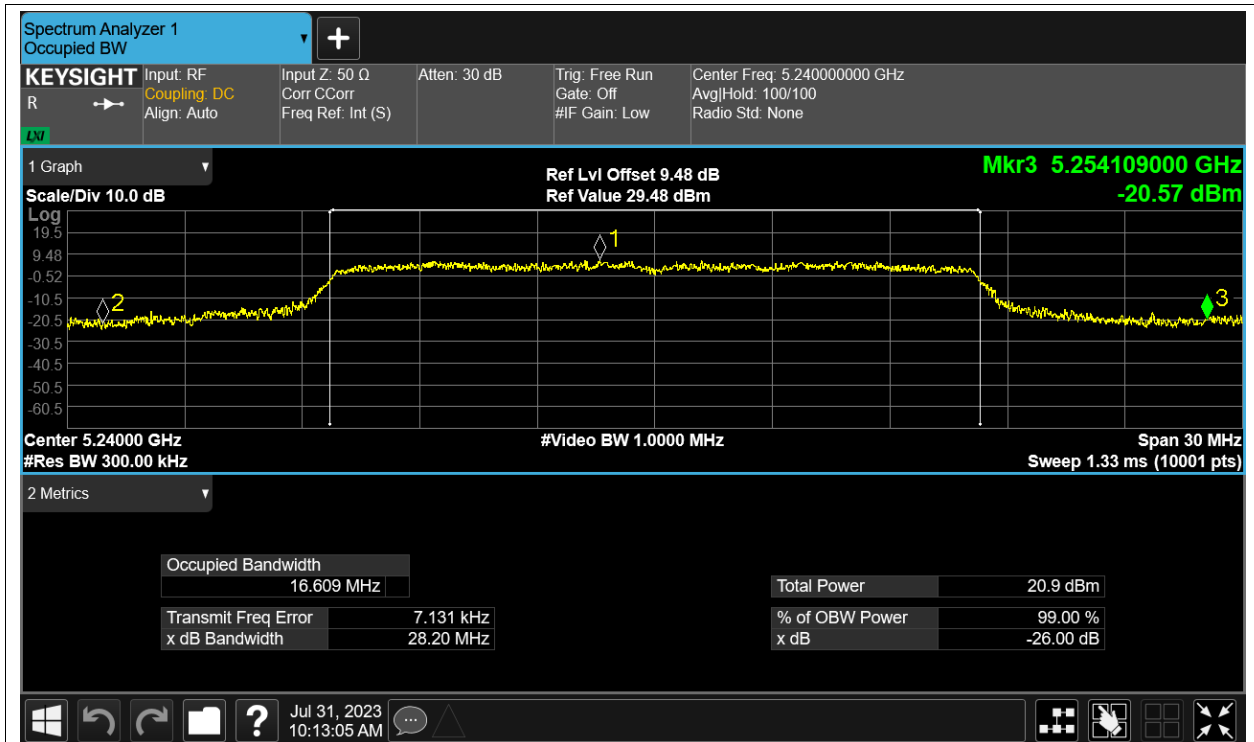
-26dB Bandwidth NVNT a 5180MHz Ant1



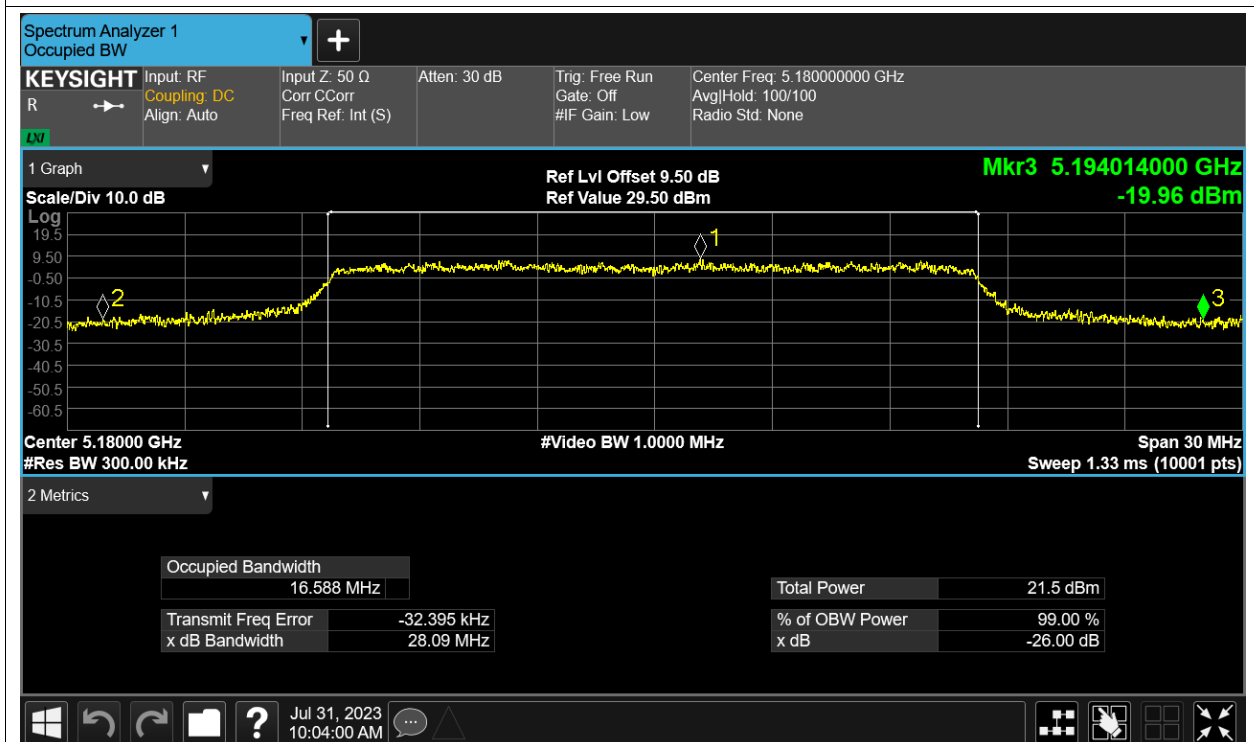
-26dB Bandwidth NVNT a 5200MHz Ant1



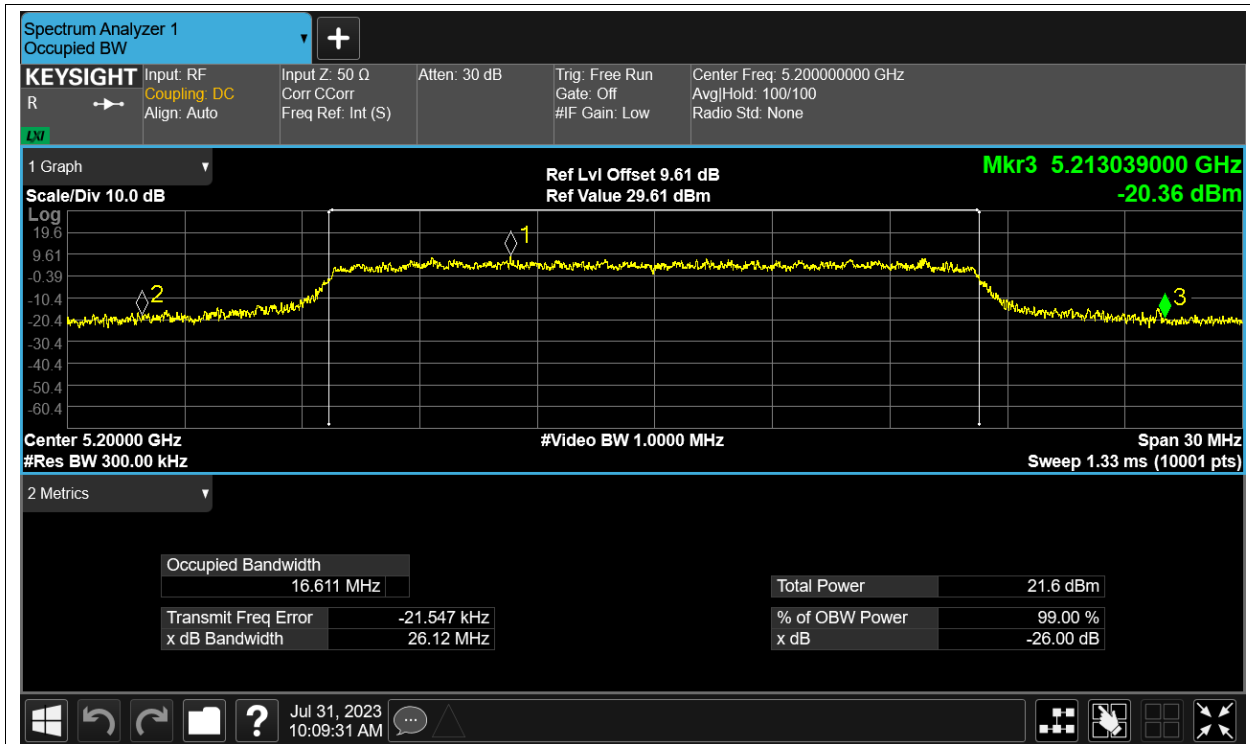
-26dB Bandwidth NVNT a 5240MHz Ant1



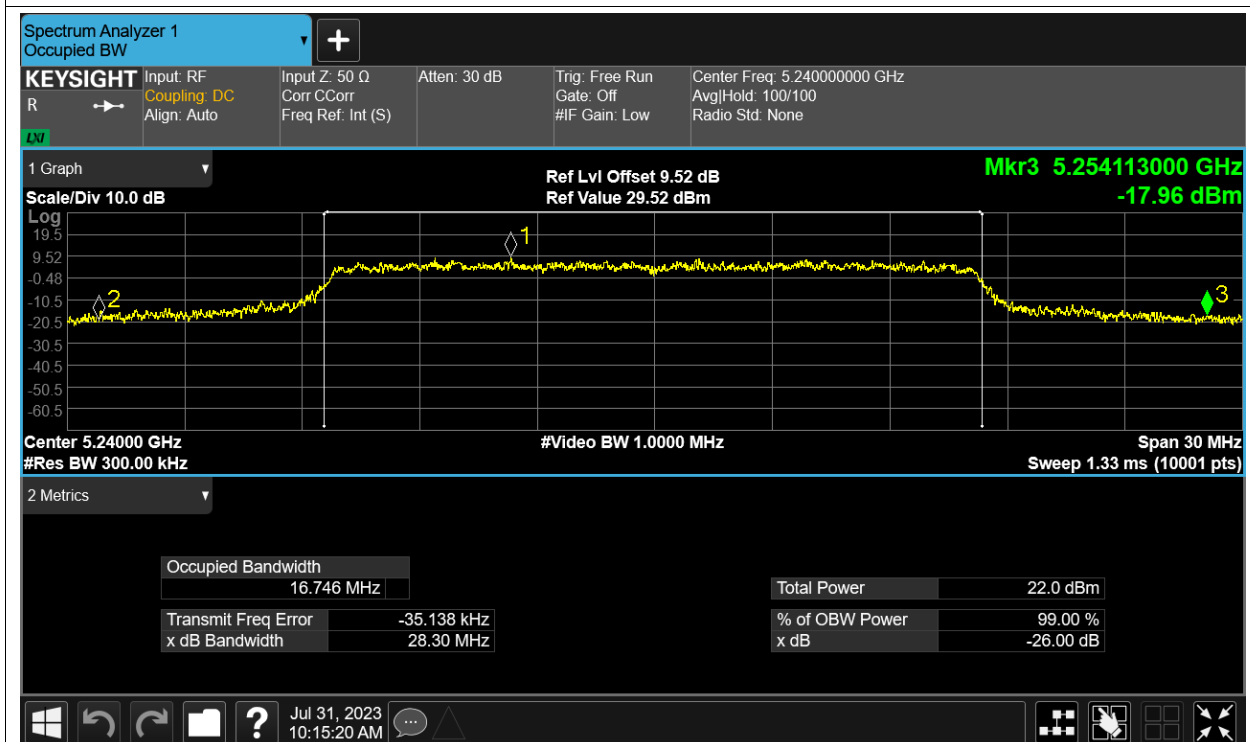
-26dB Bandwidth NVNT a 5180MHz Ant2



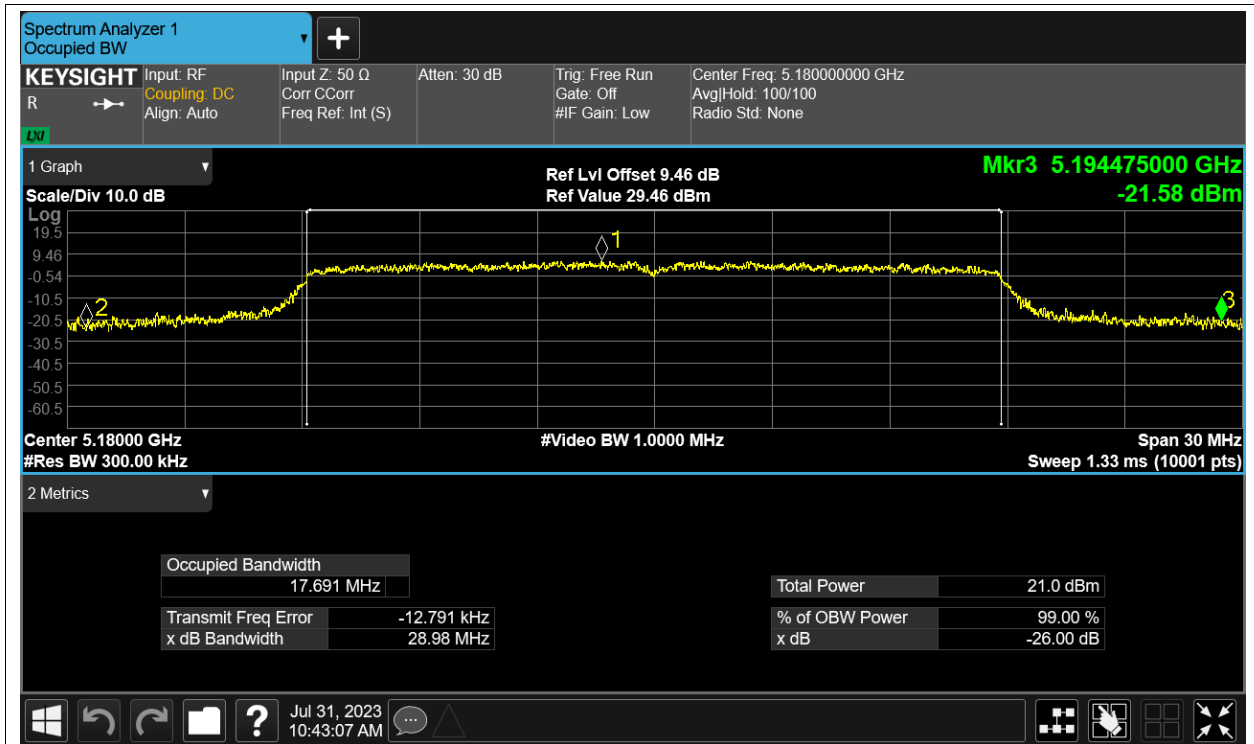
-26dB Bandwidth NVNT a 5200MHz Ant2



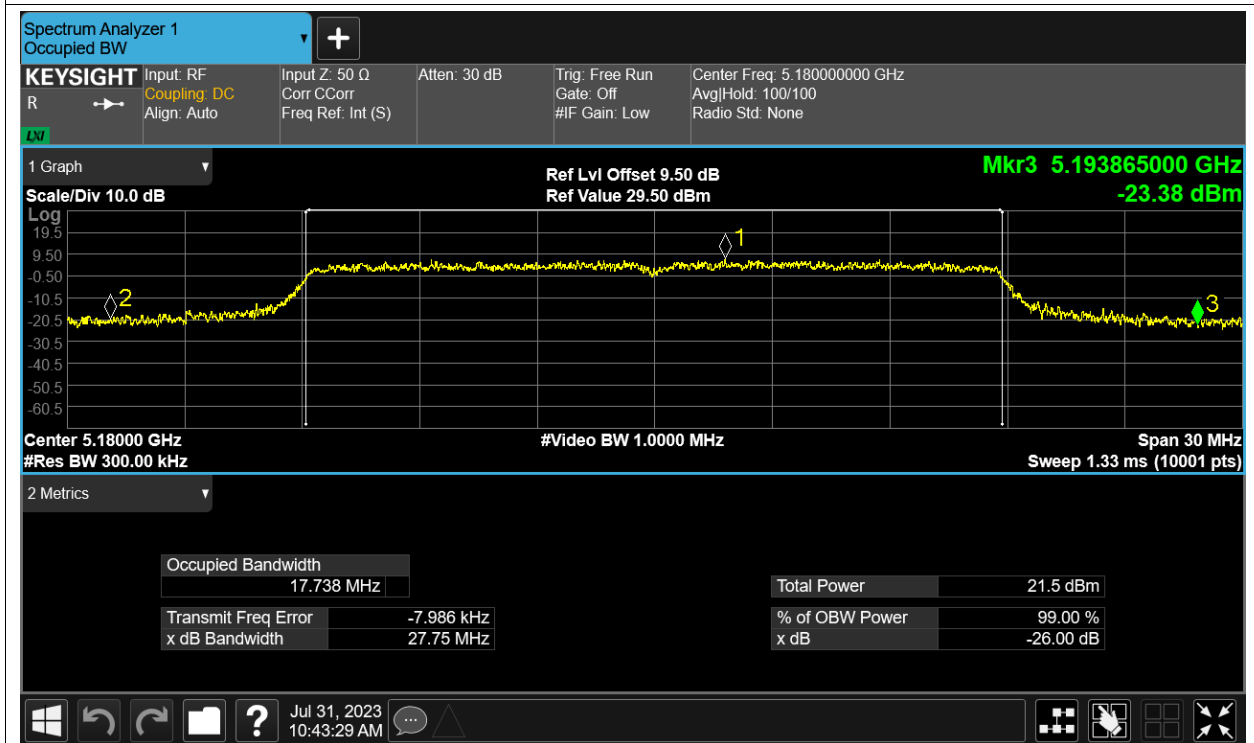
-26dB Bandwidth NVNT a 5240MHz Ant2



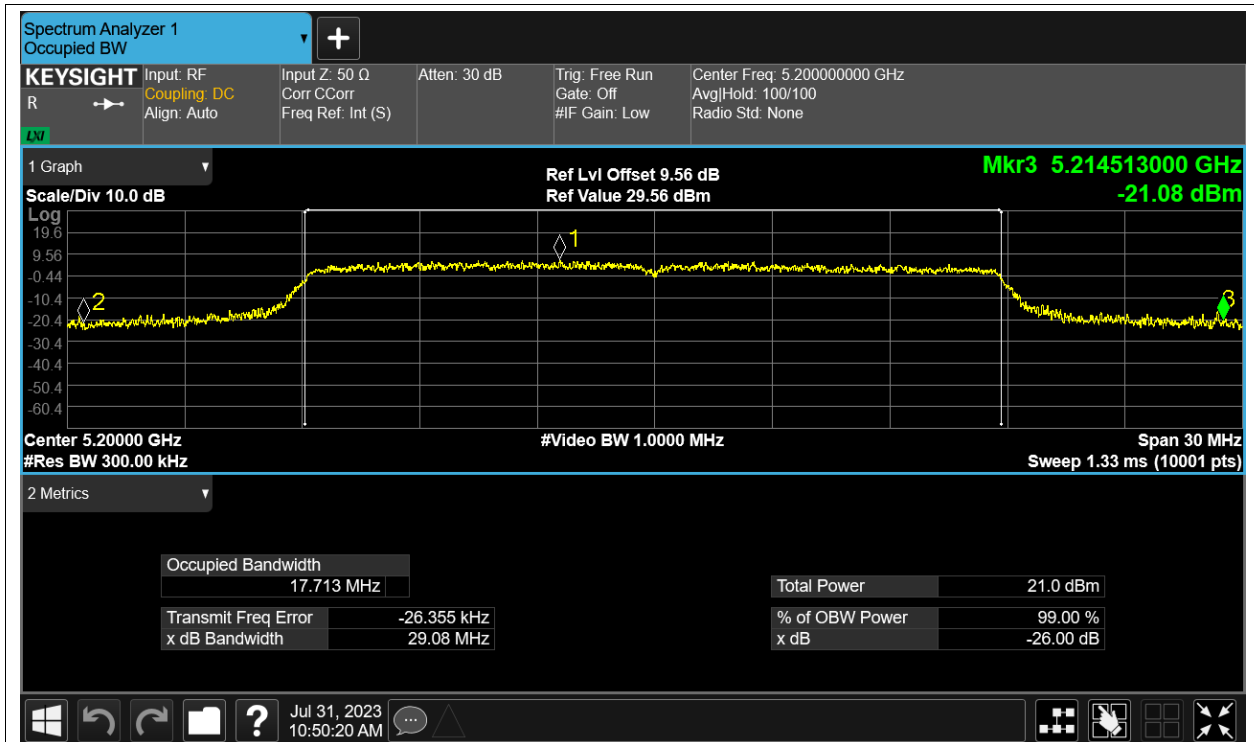
-26dB Bandwidth NVNT ac20 5180MHz Ant1



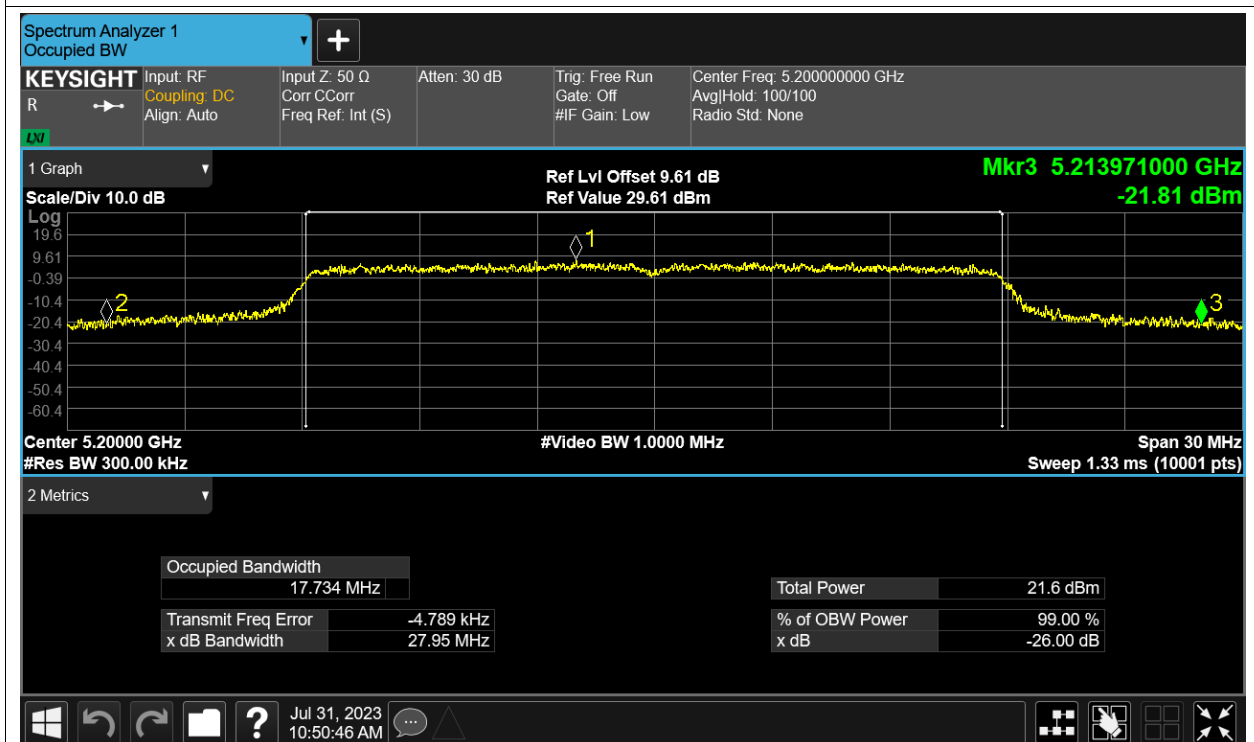
-26dB Bandwidth NVNT ac20 5180MHz Ant2



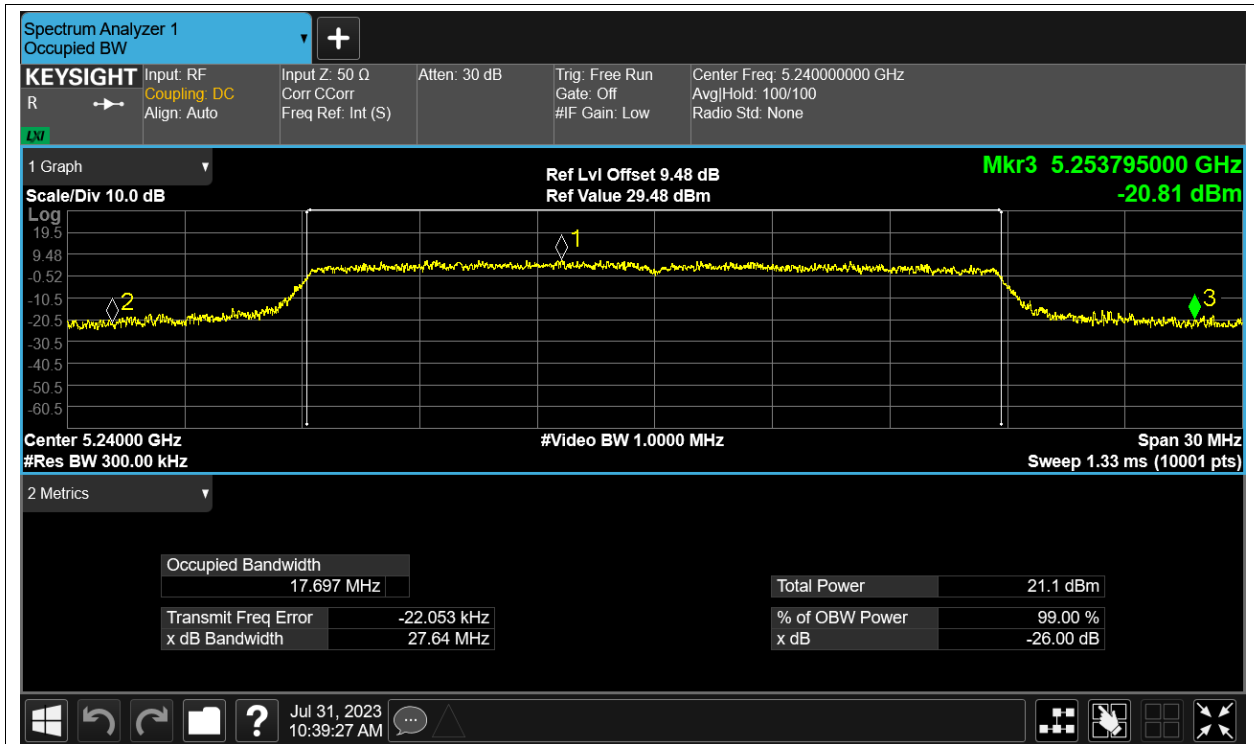
-26dB Bandwidth NVNT ac20 5200MHz Ant1



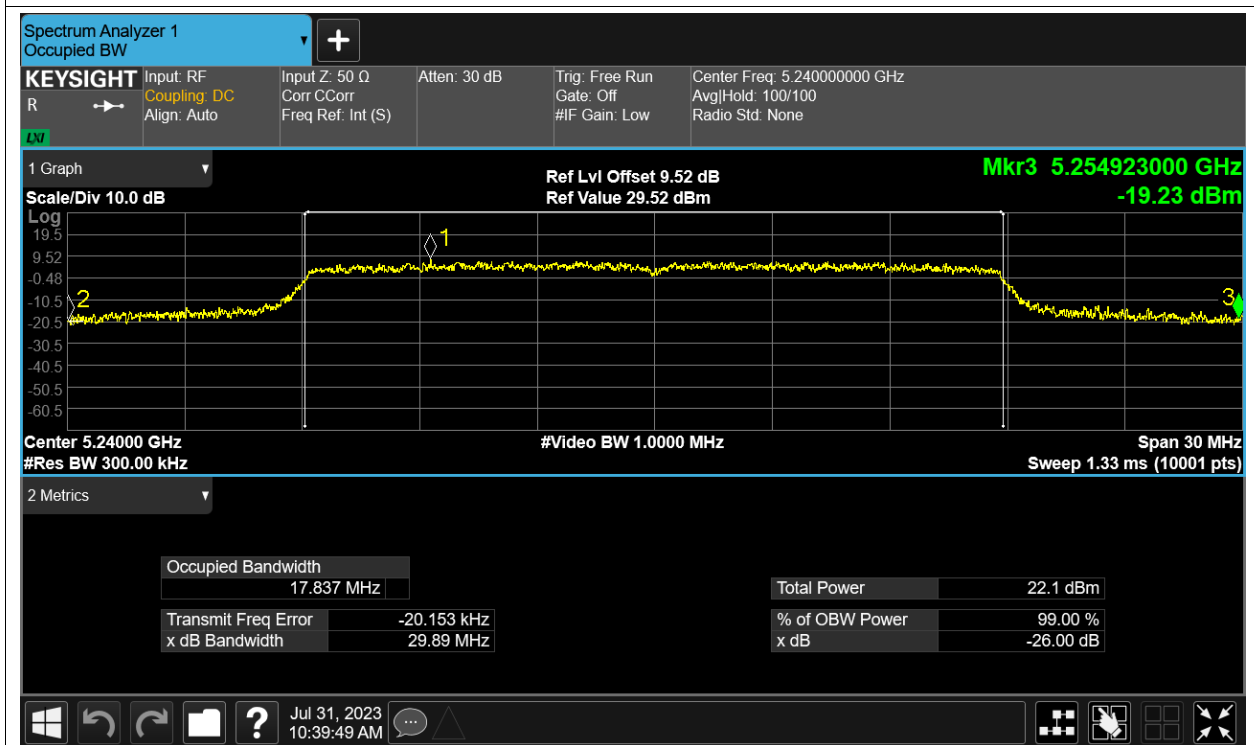
-26dB Bandwidth NVNT ac20 5200MHz Ant2



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant1