

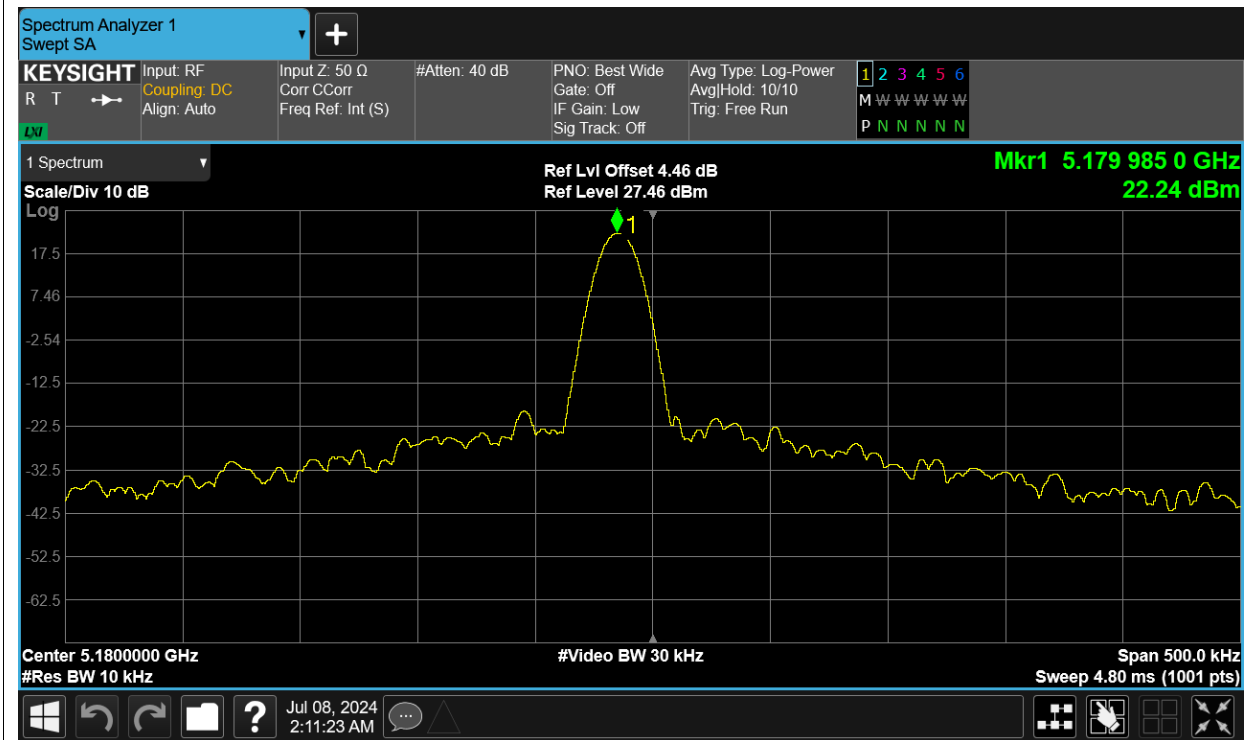
Test Data

Frequency Stability

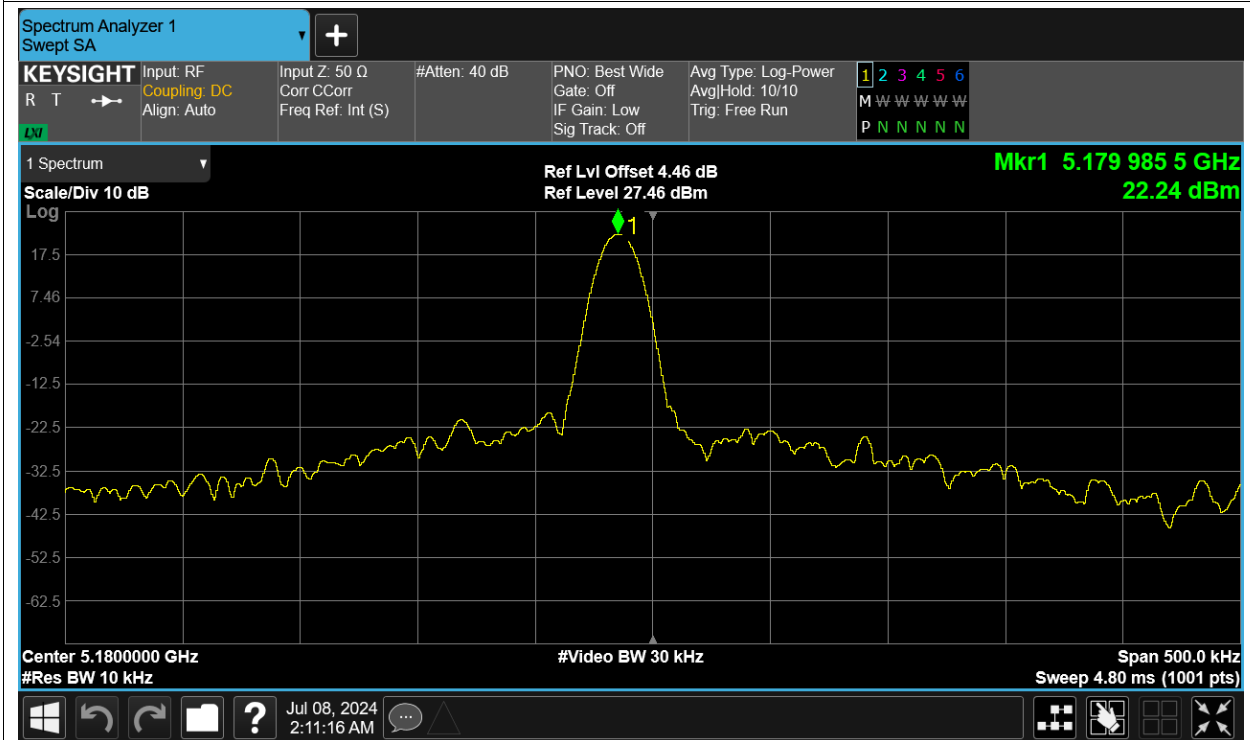
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant2	5179.985	-2.9	Within authorized band	Pass
LVNT	a	5180	Ant2	5179.9855	-2.8		Pass
NVHT	a	5180	Ant2	5179.9855	-2.8		Pass
NVLT	a	5180	Ant2	5179.9855	-2.8		Pass
NVNT	a	5180	Ant2	5179.986	-2.7		Pass
HVNT	ac80	5210	Ant2	5209.987	-2.5		Pass
LVNT	ac80	5210	Ant2	5209.987	-2.5		Pass
NVHT	ac80	5210	Ant2	5209.987	-2.5		Pass
NVLT	ac80	5210	Ant2	5209.9875	-2.4		Pass
NVNT	ac80	5210	Ant2	5209.98778664	-2.34		Pass
HVNT	n40	5190	Ant2	5189.9855	-2.79		Pass
LVNT	n40	5190	Ant2	5189.986	-2.7		Pass
NVHT	n40	5190	Ant2	5189.986	-2.7		Pass
NVLT	n40	5190	Ant2	5189.986	-2.7		Pass
NVNT	n40	5190	Ant2	5189.9865	-2.6		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

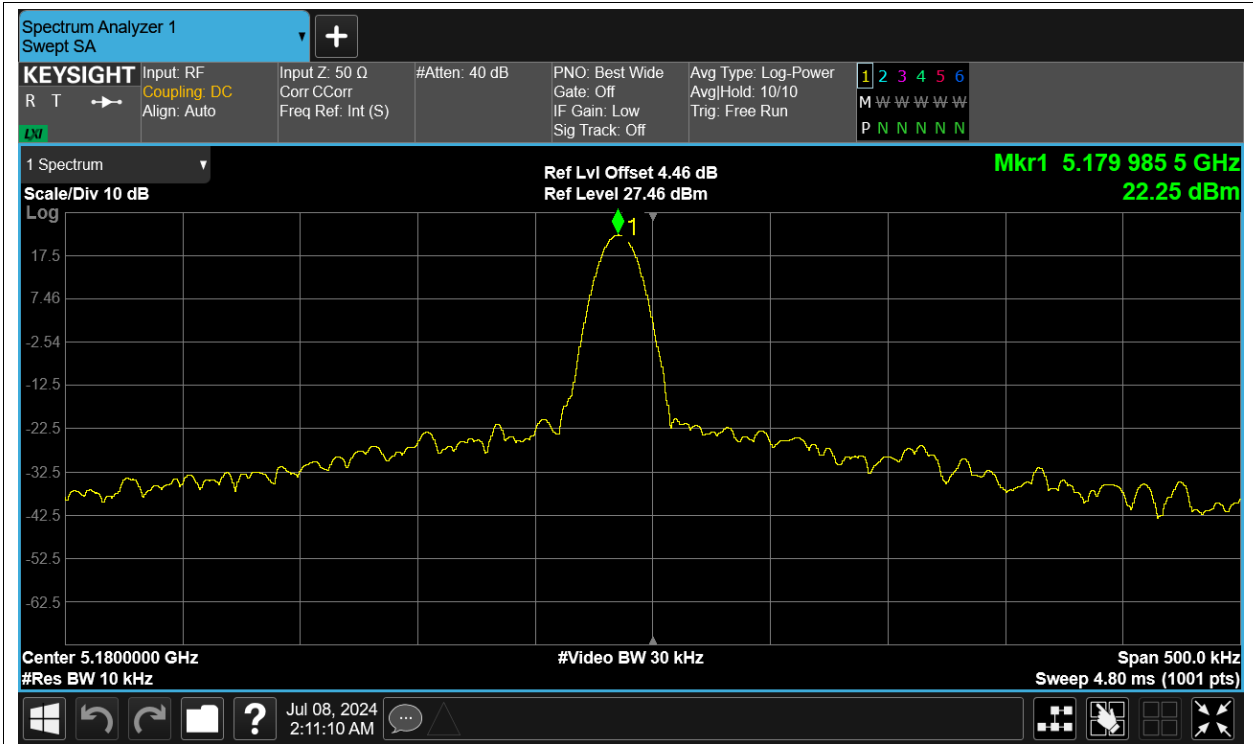
Freq. Stability HVNT a 5180MHz Ant2



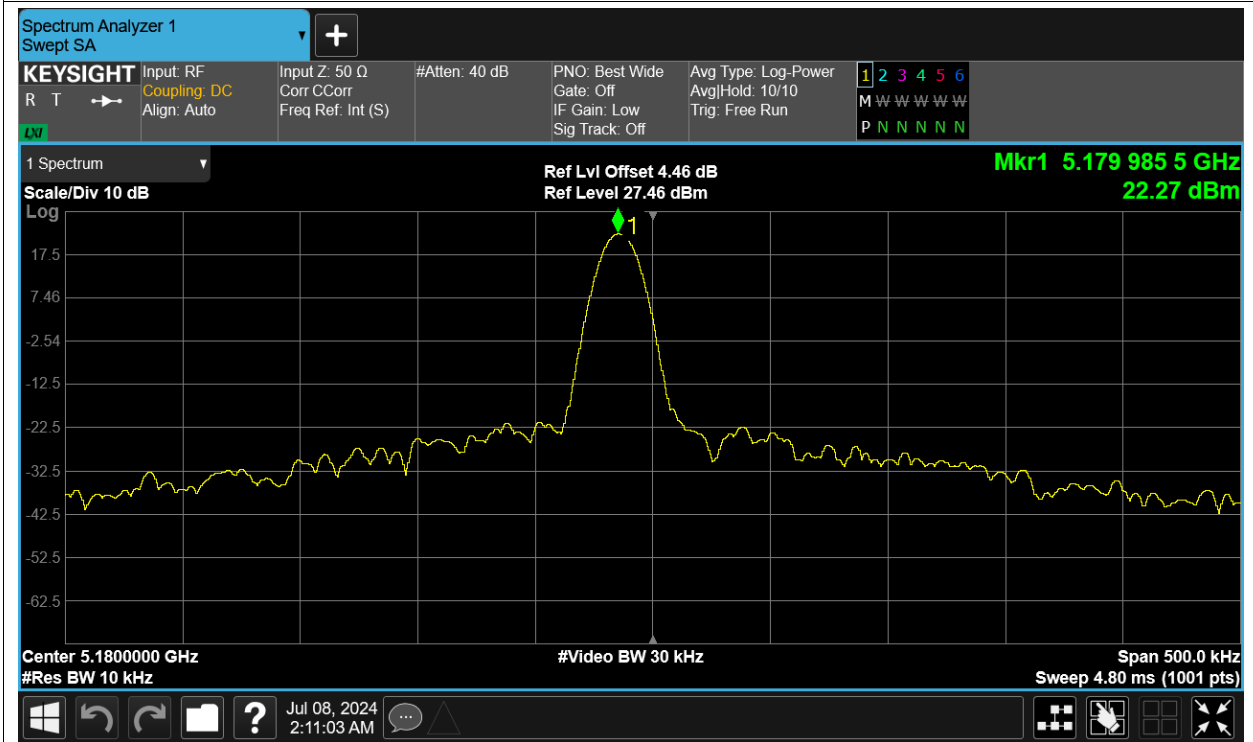
Freq. Stability LVNT a 5180MHz Ant2



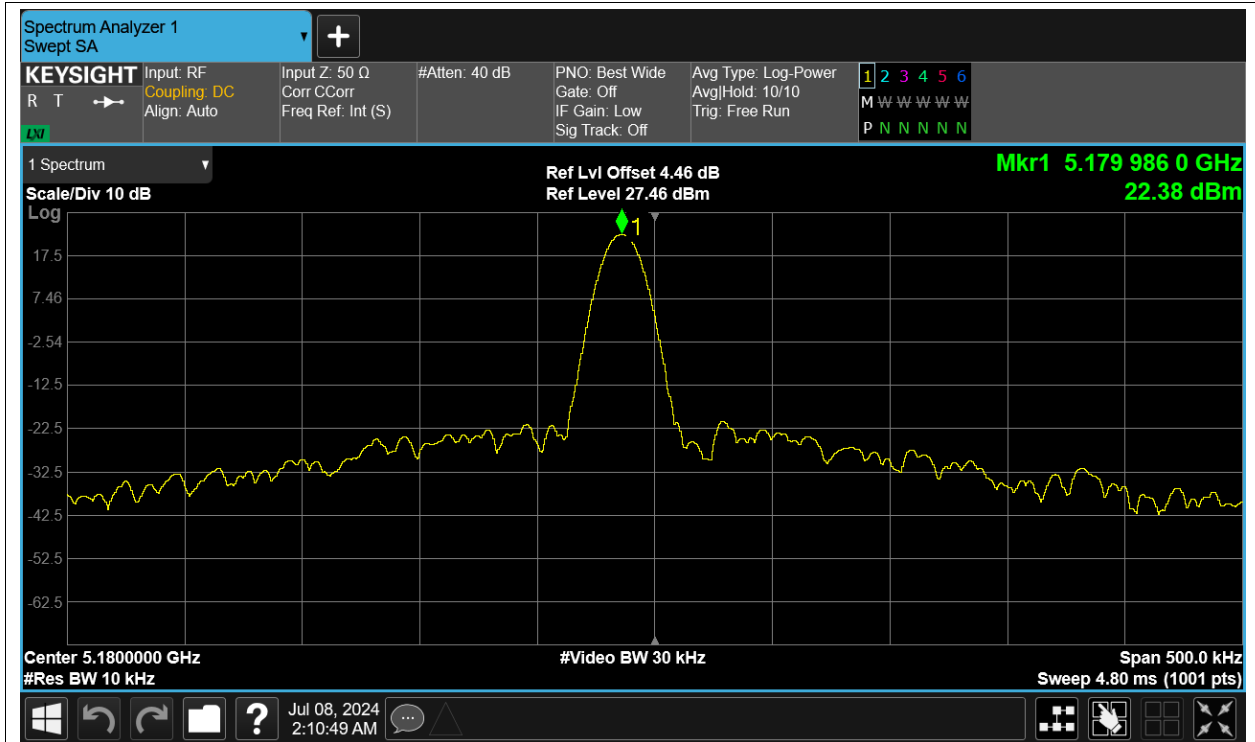
Freq. Stability NVHT a 5180MHz Ant2



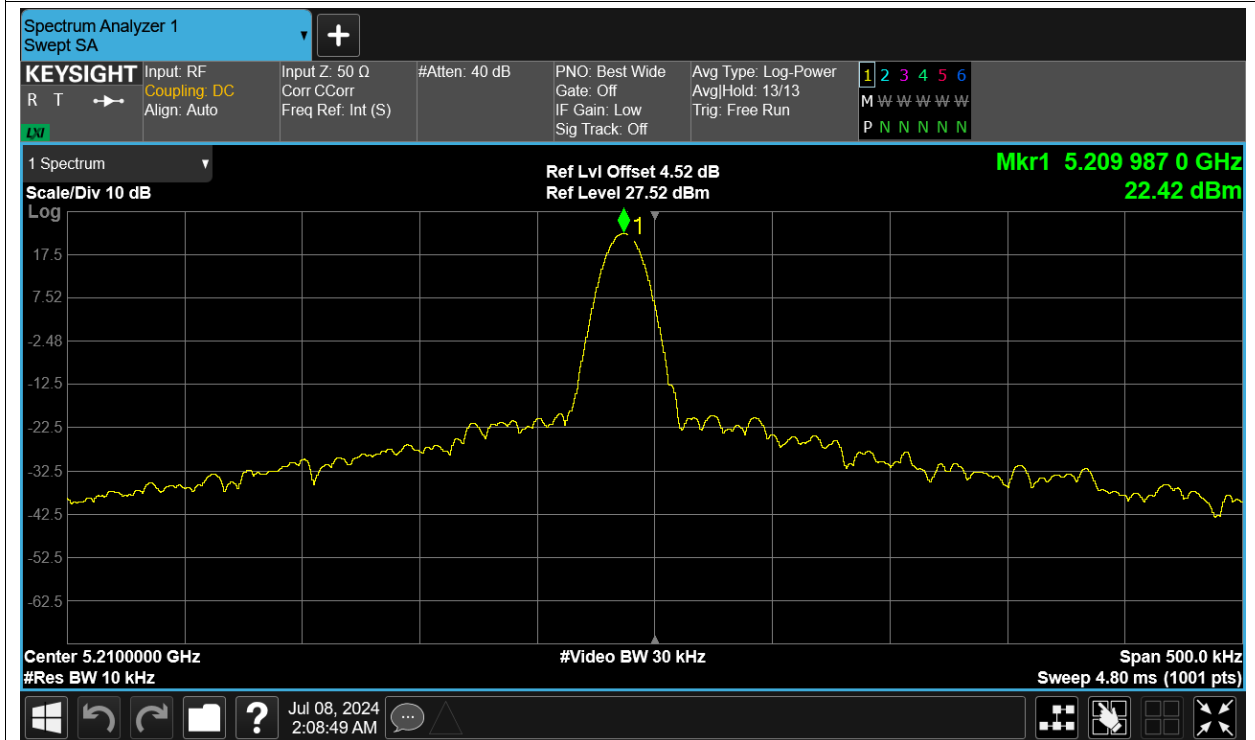
Freq. Stability NVLT a 5180MHz Ant2



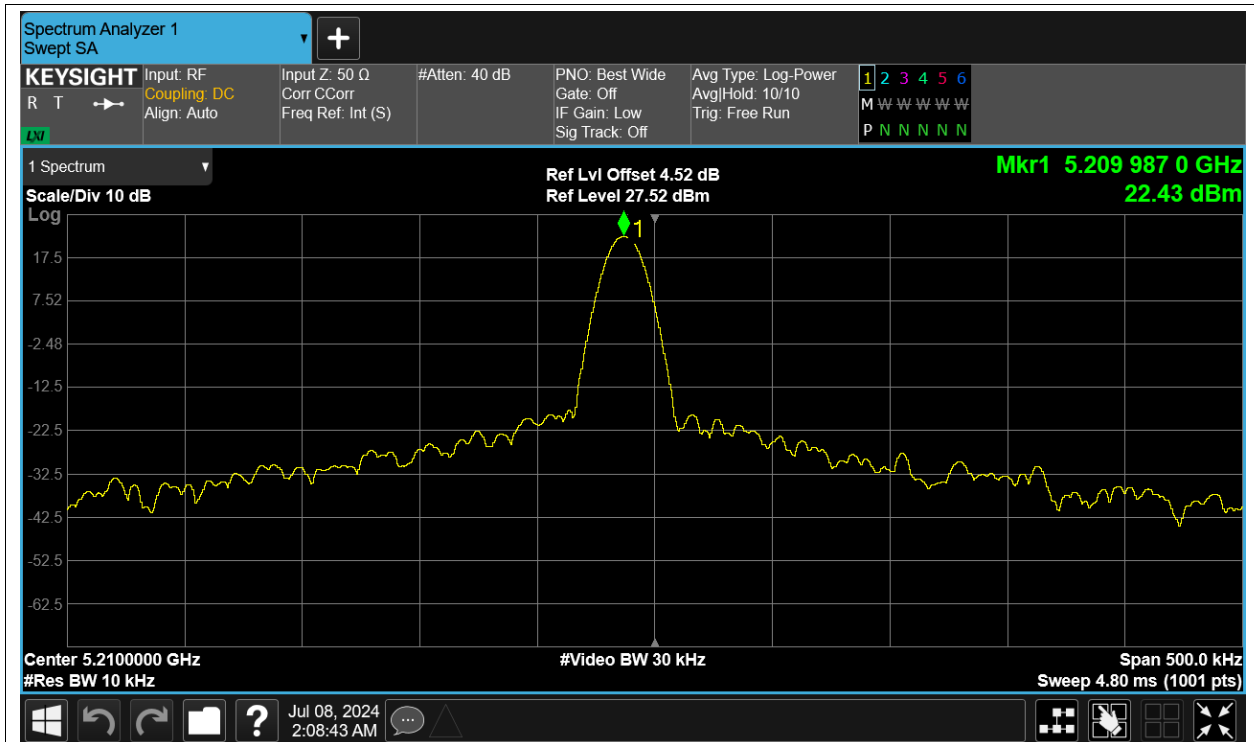
Freq. Stability NVNT a 5180MHz Ant2



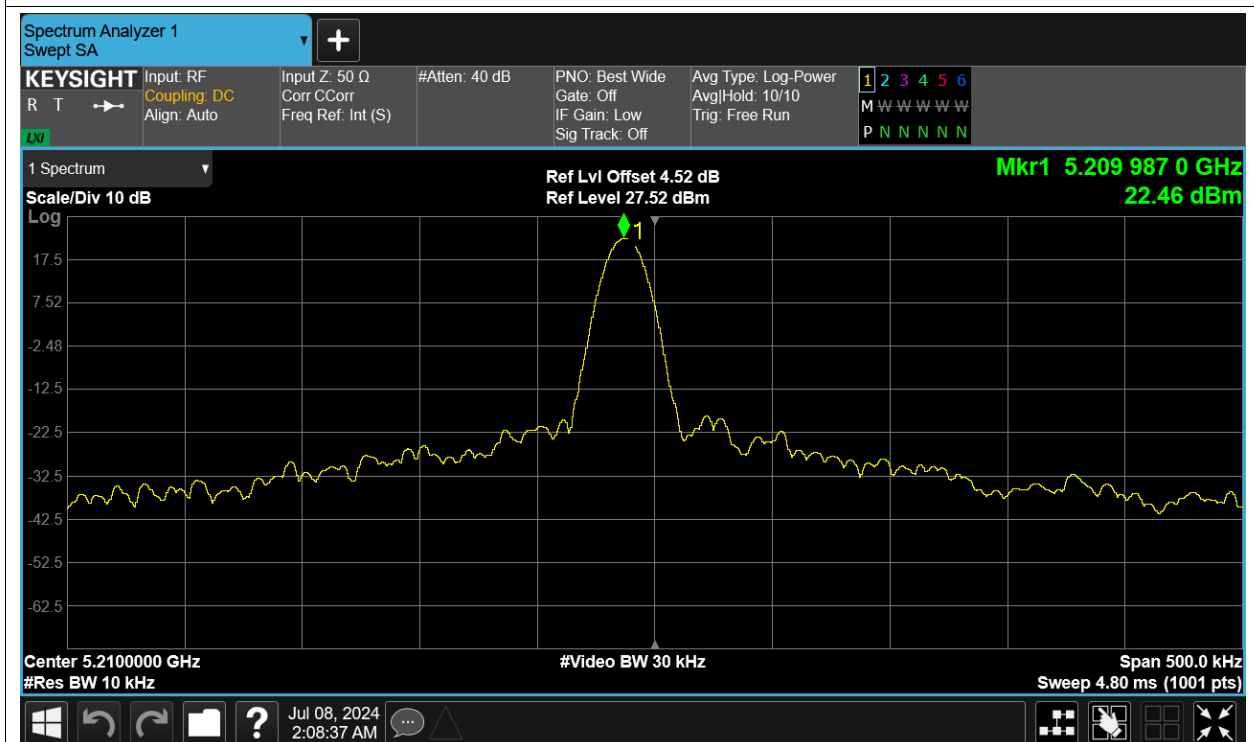
Freq. Stability HVNT ac80 5210MHz Ant2



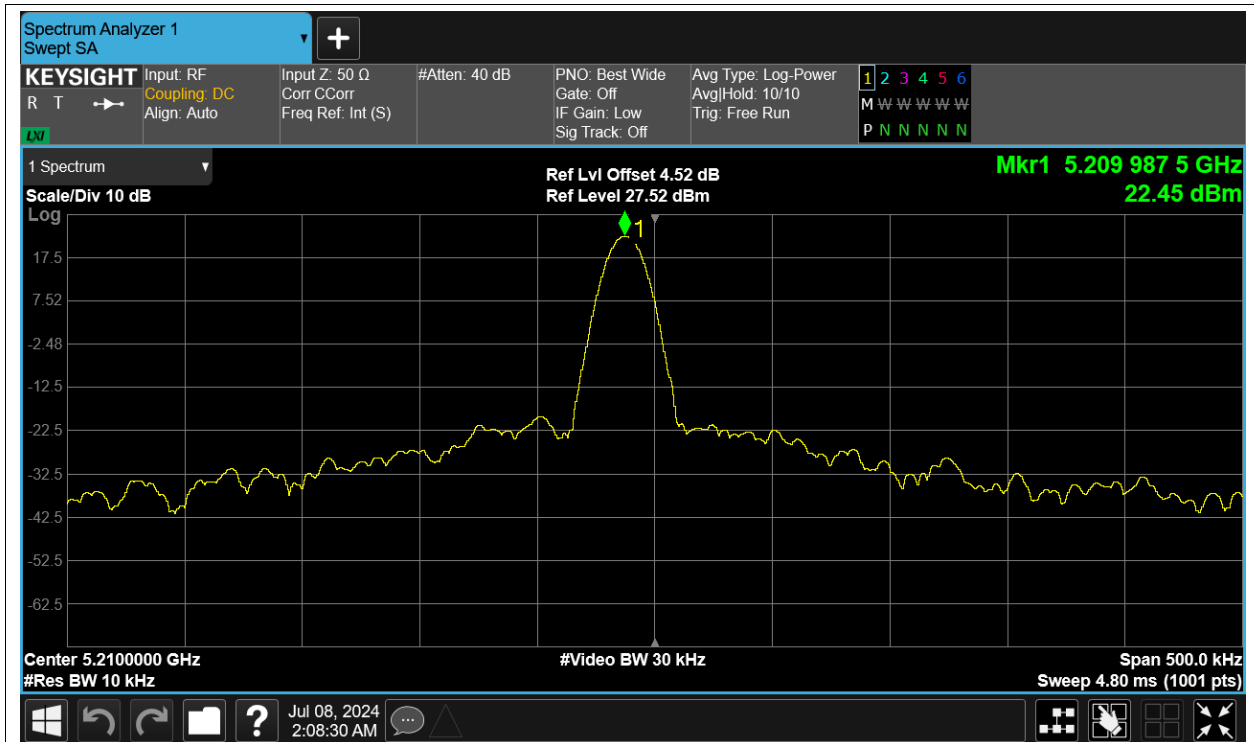
Freq. Stability LVNT ac80 5210MHz Ant2



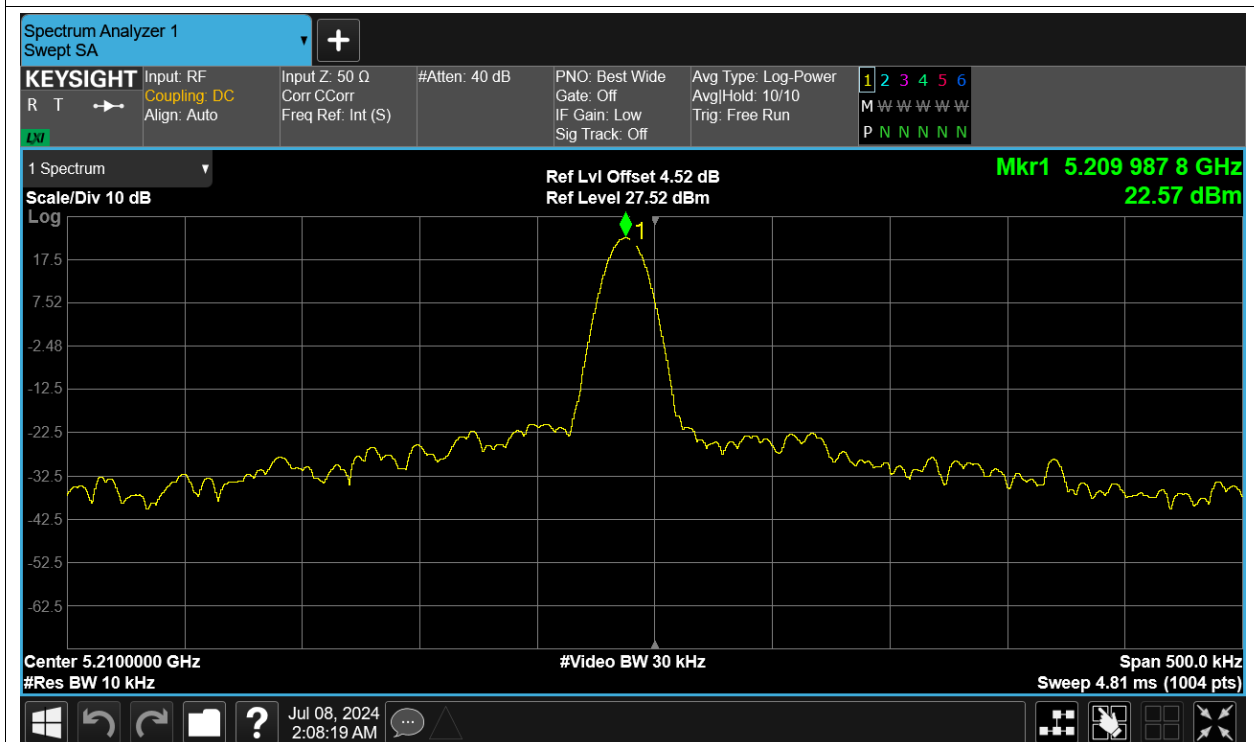
Freq. Stability NVHT ac80 5210MHz Ant2



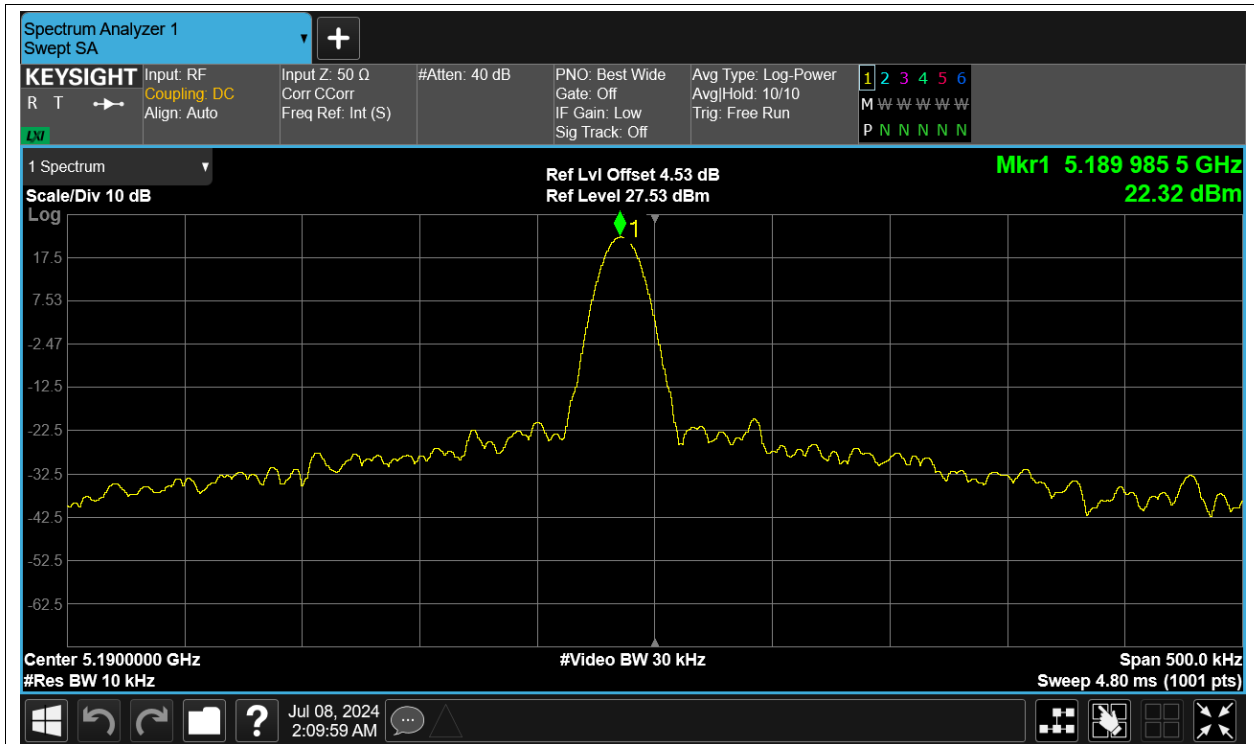
Freq. Stability NVLT ac80 5210MHz Ant2



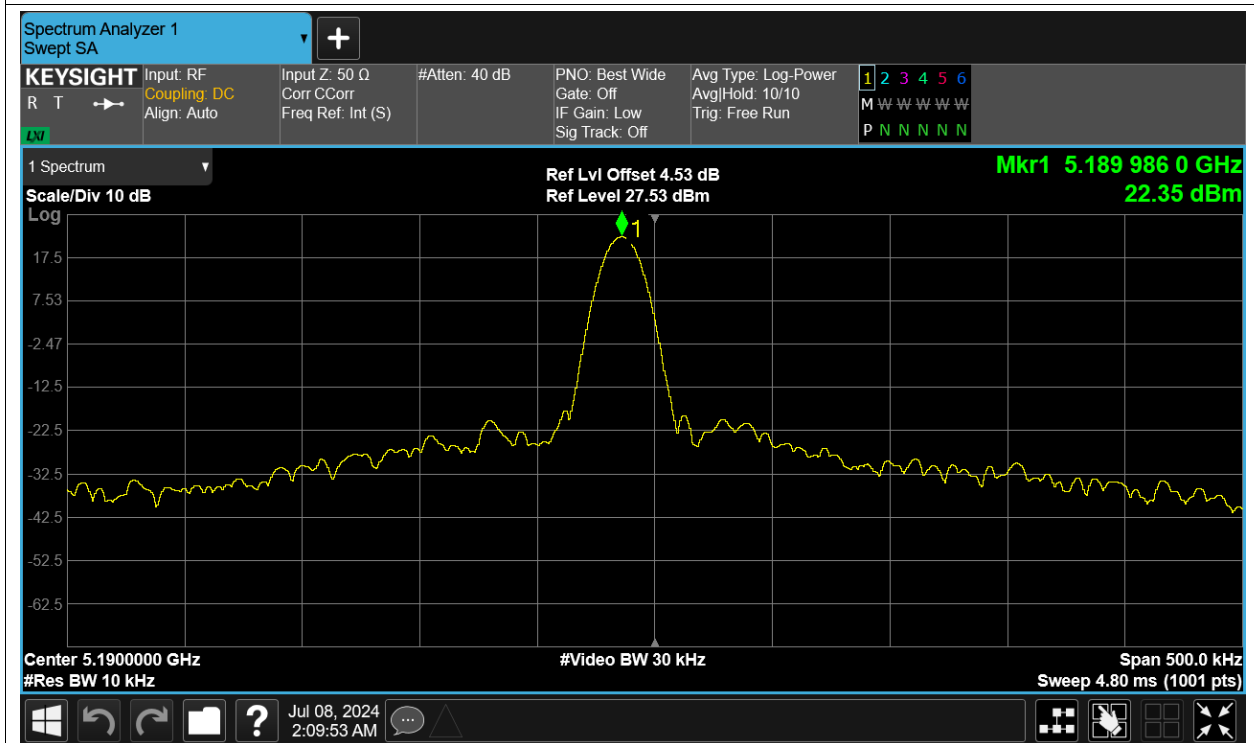
Freq. Stability NVNT ac80 5210MHz Ant2



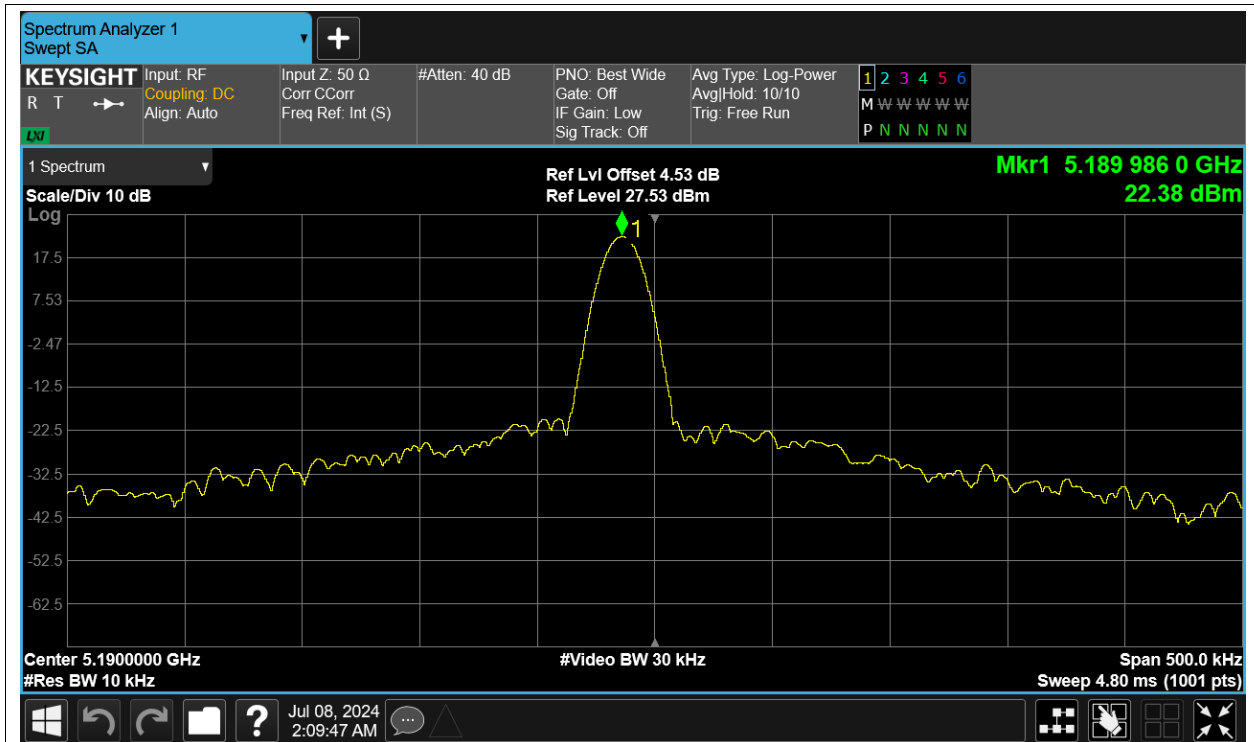
Freq. Stability HVNT n40 5190MHz Ant2



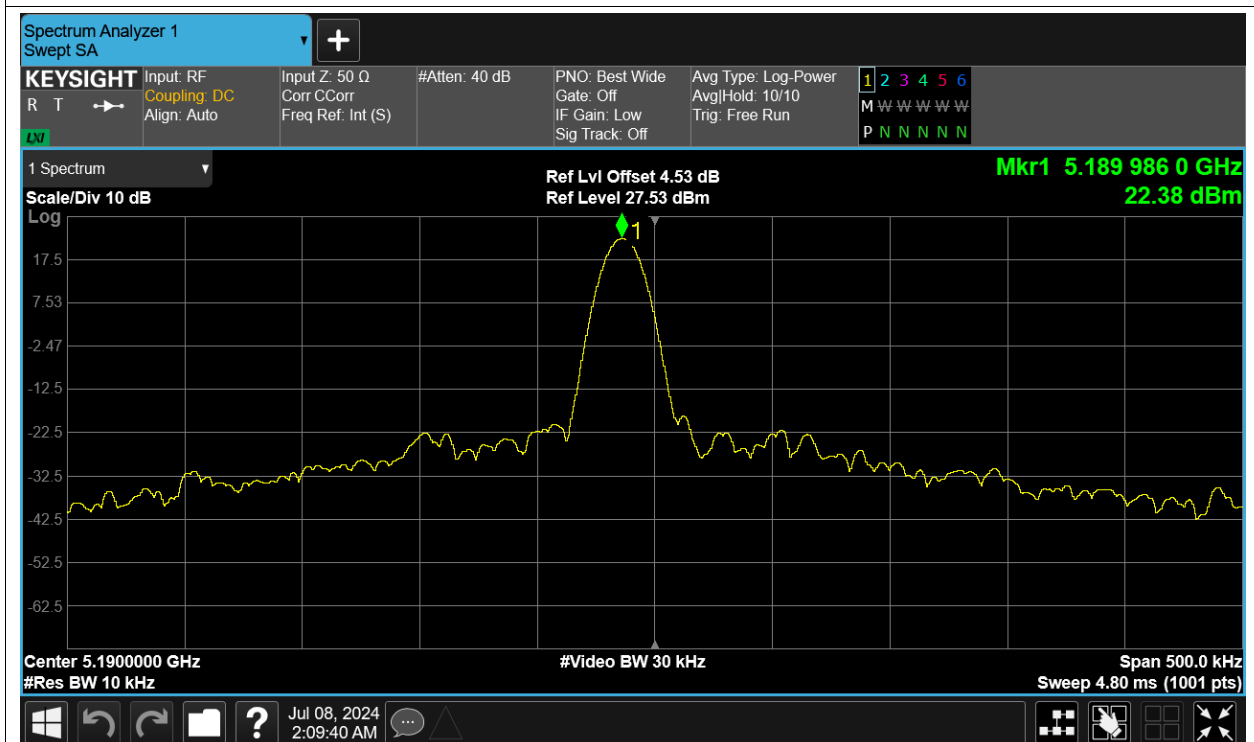
Freq. Stability LVNT n40 5190MHz Ant2



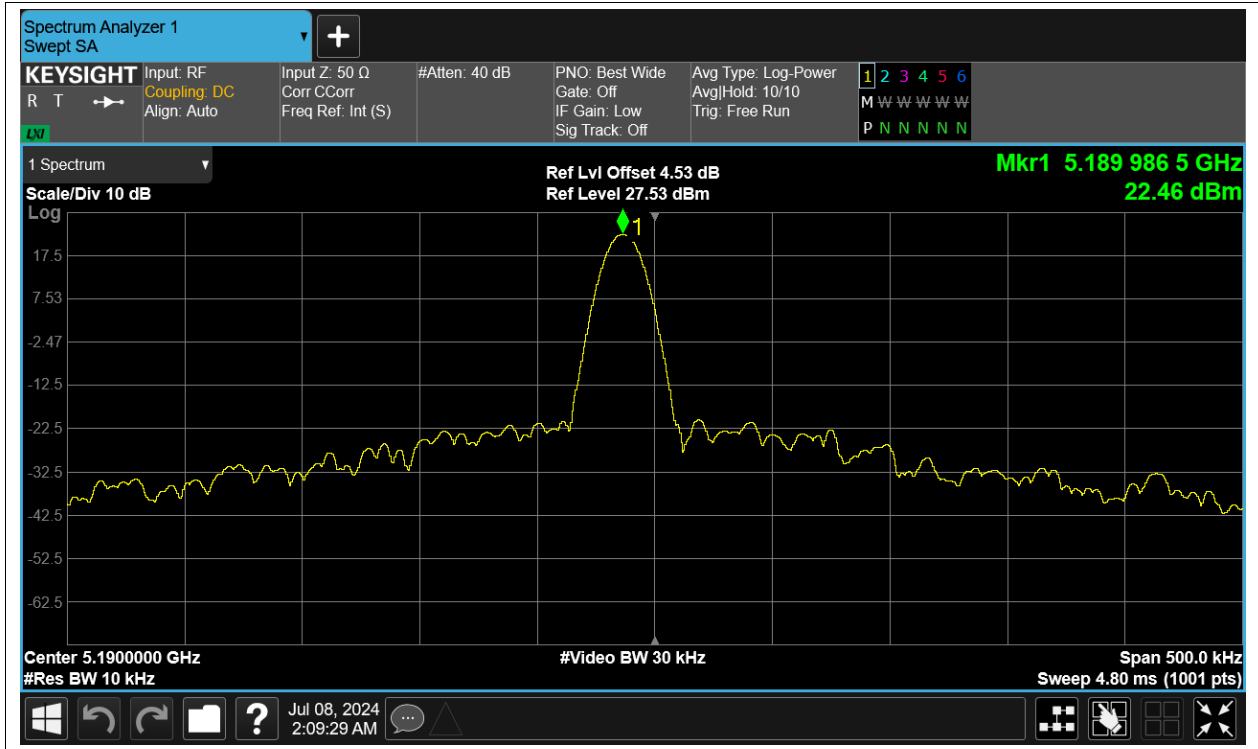
Freq. Stability NVHT n40 5190MHz Ant2



Freq. Stability NVLT n40 5190MHz Ant2

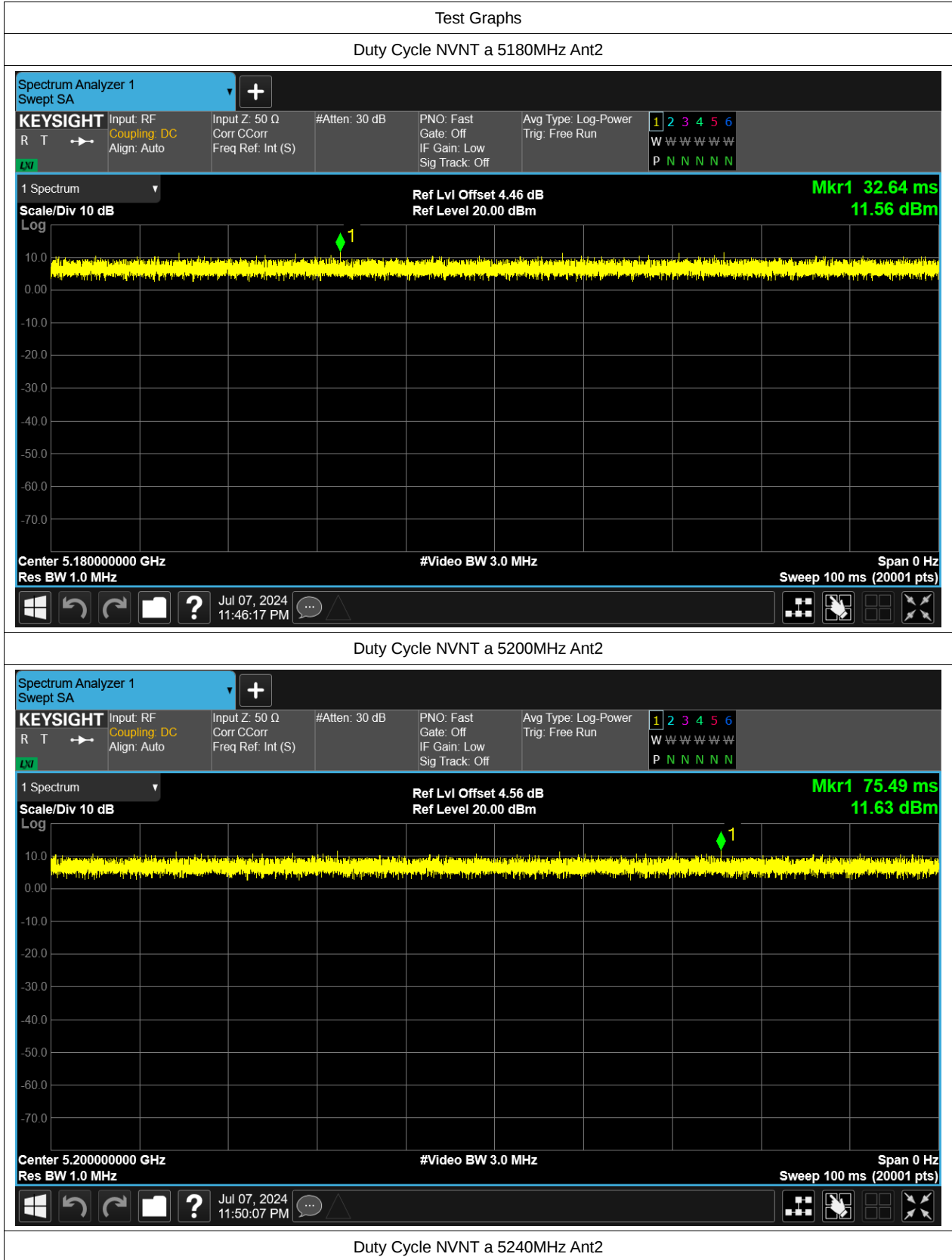


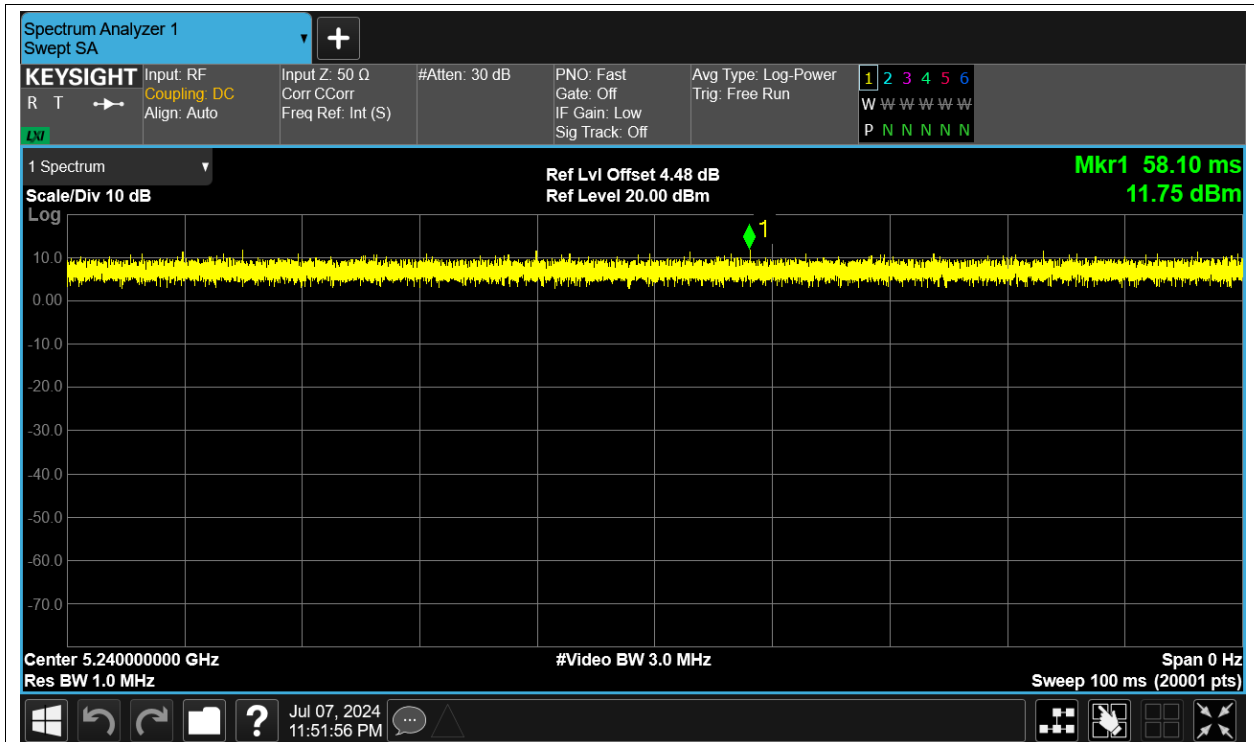
Freq. Stability NVNT n40 5190MHz Ant2



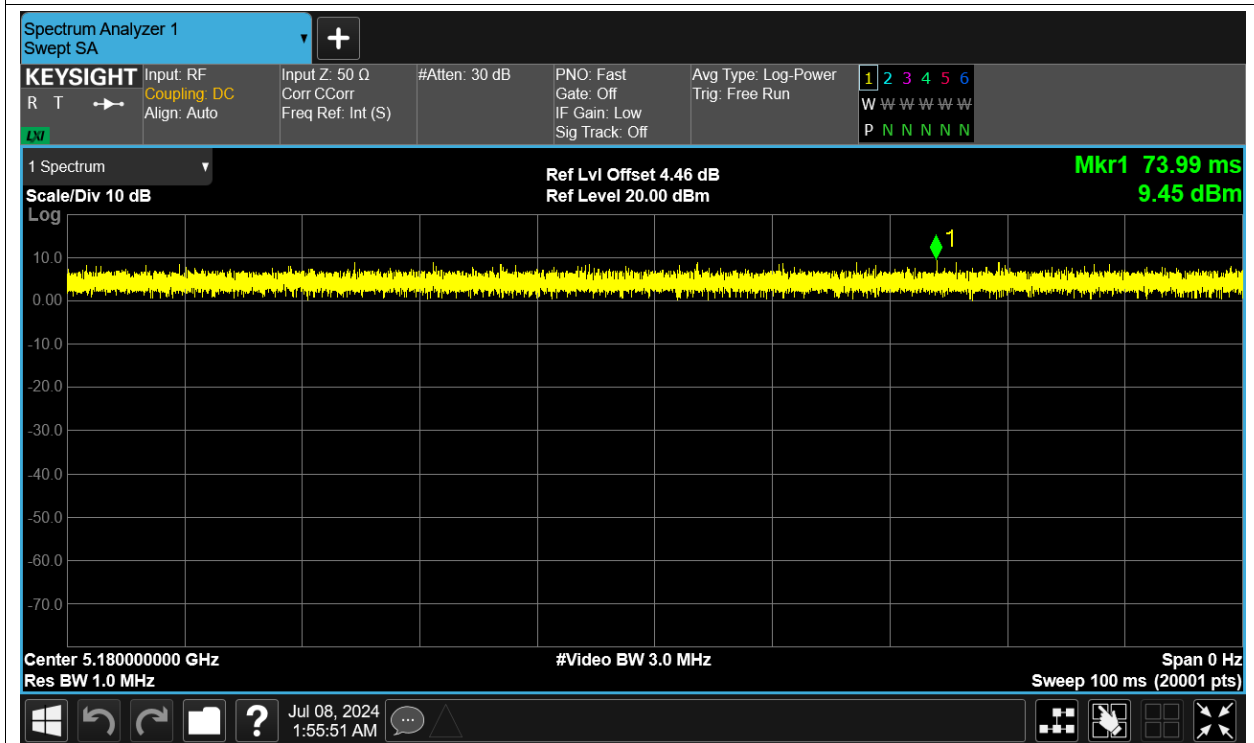
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant2	100	0
NVNT	a	5200	Ant2	100	0
NVNT	a	5240	Ant2	100	0
NVNT	ac20	5180	Ant2	100	0
NVNT	ac20	5200	Ant2	100	0
NVNT	ac20	5240	Ant2	100	0
NVNT	ac40	5190	Ant2	100	0
NVNT	ac40	5230	Ant2	100	0
NVNT	ac80	5210	Ant2	100	0
NVNT	n20	5180	Ant2	100	0
NVNT	n20	5200	Ant2	100	0
NVNT	n20	5240	Ant2	100	0
NVNT	n40	5190	Ant2	100	0
NVNT	n40	5230	Ant2	100	0

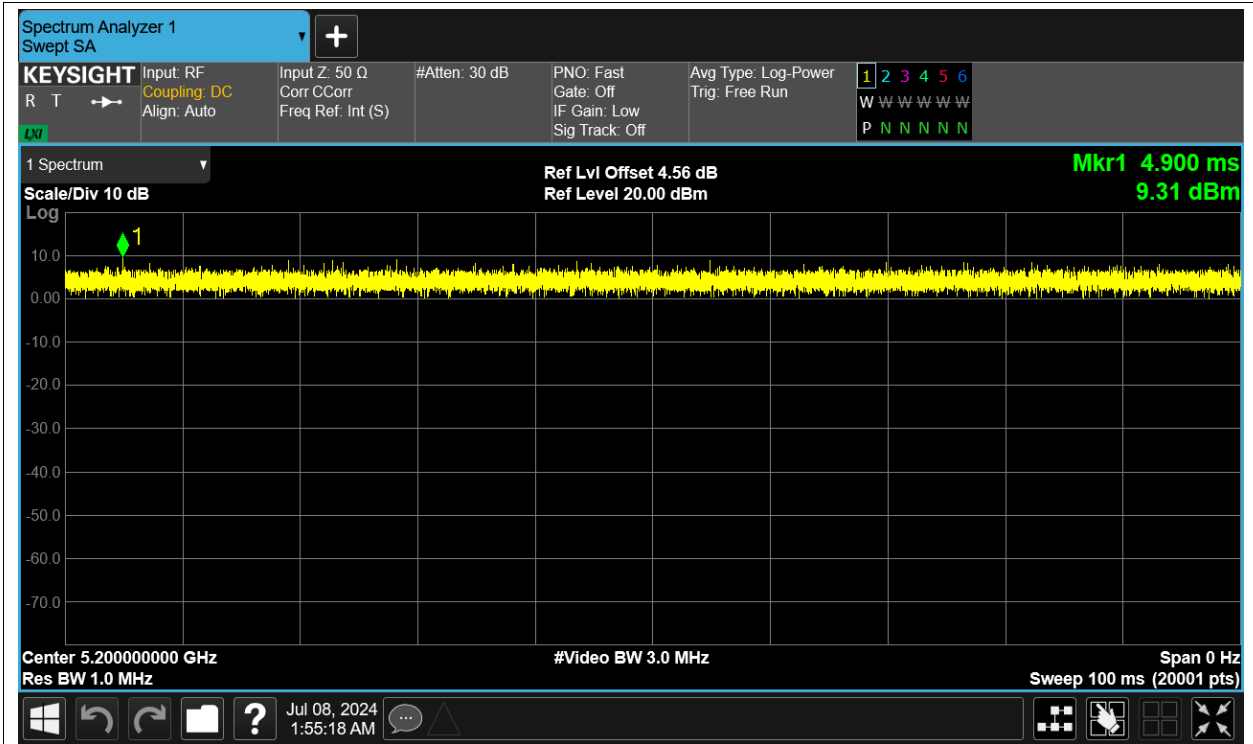




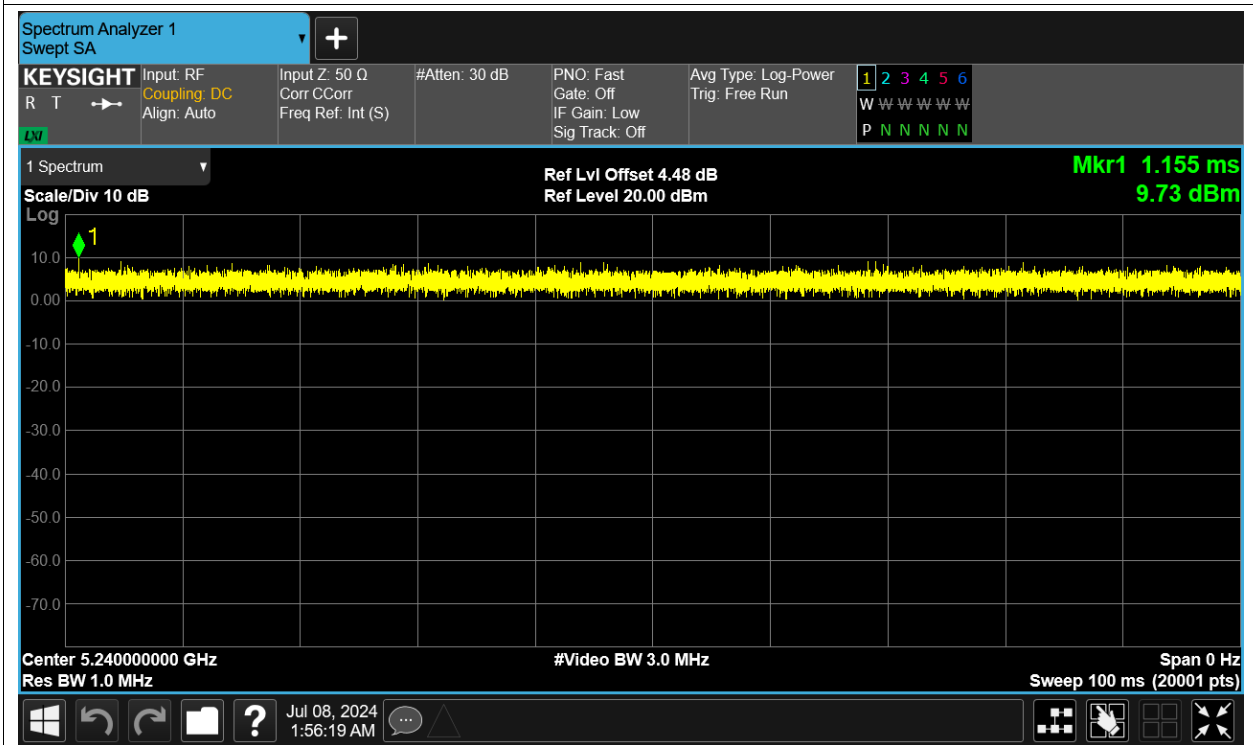
Duty Cycle NVNT ac20 5180MHz Ant2



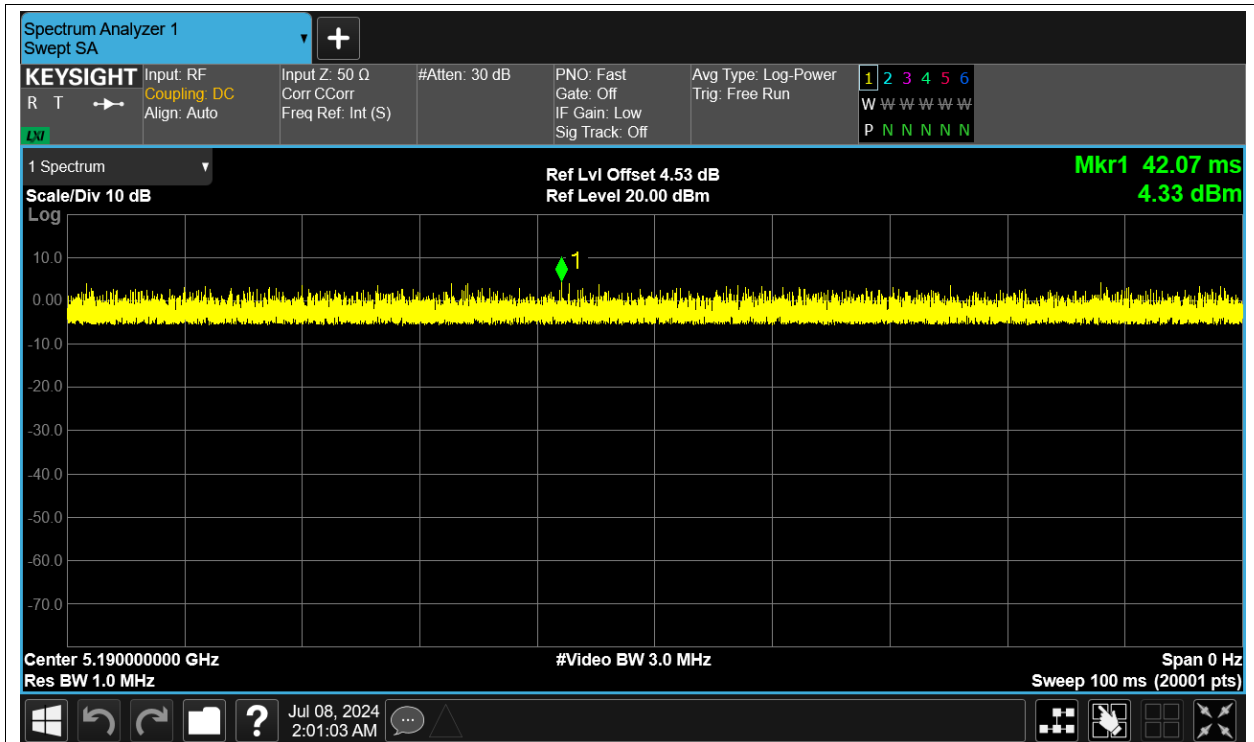
Duty Cycle NVNT ac20 5200MHz Ant2



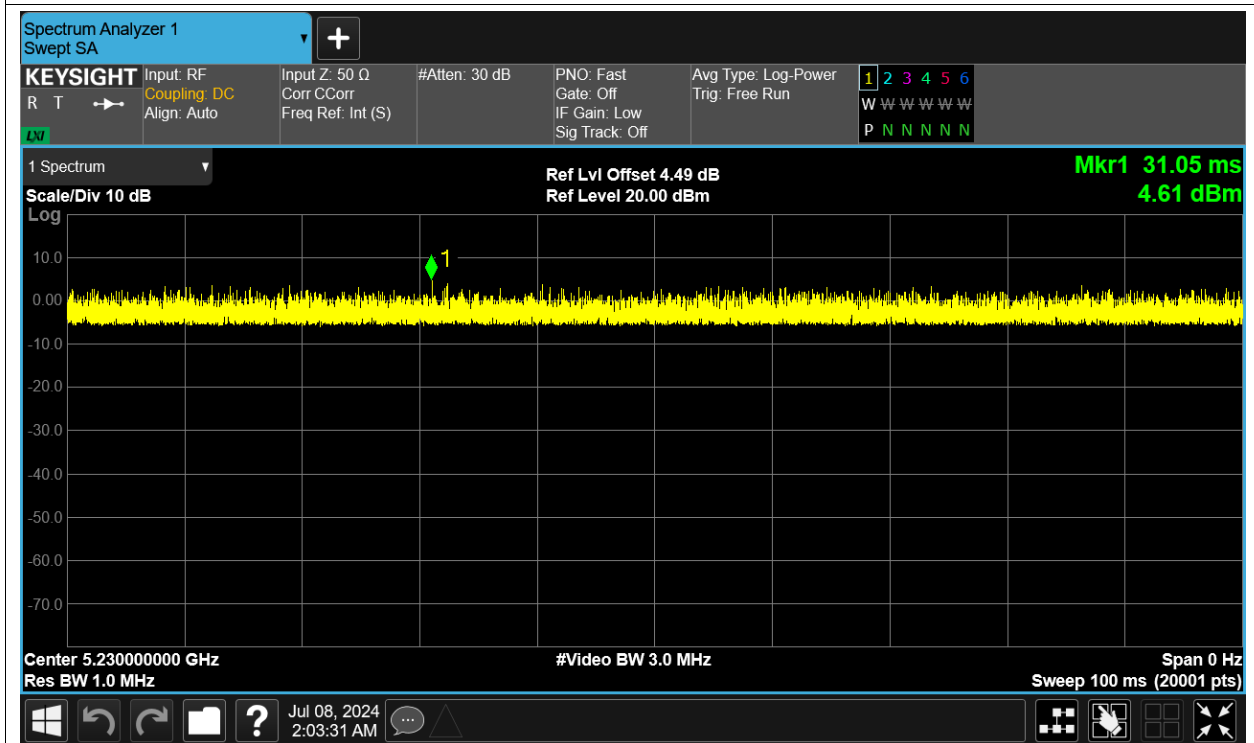
Duty Cycle NVNT ac20 5240MHz Ant2



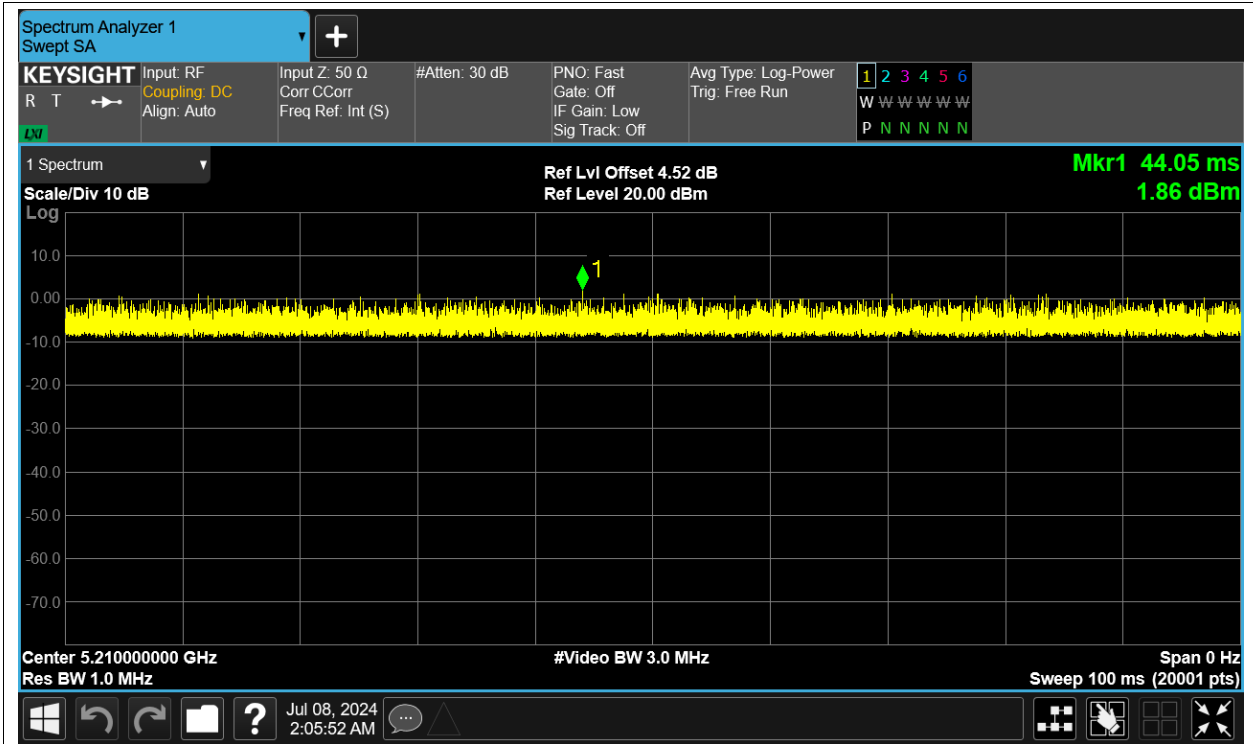
Duty Cycle NVNT ac40 5190MHz Ant2



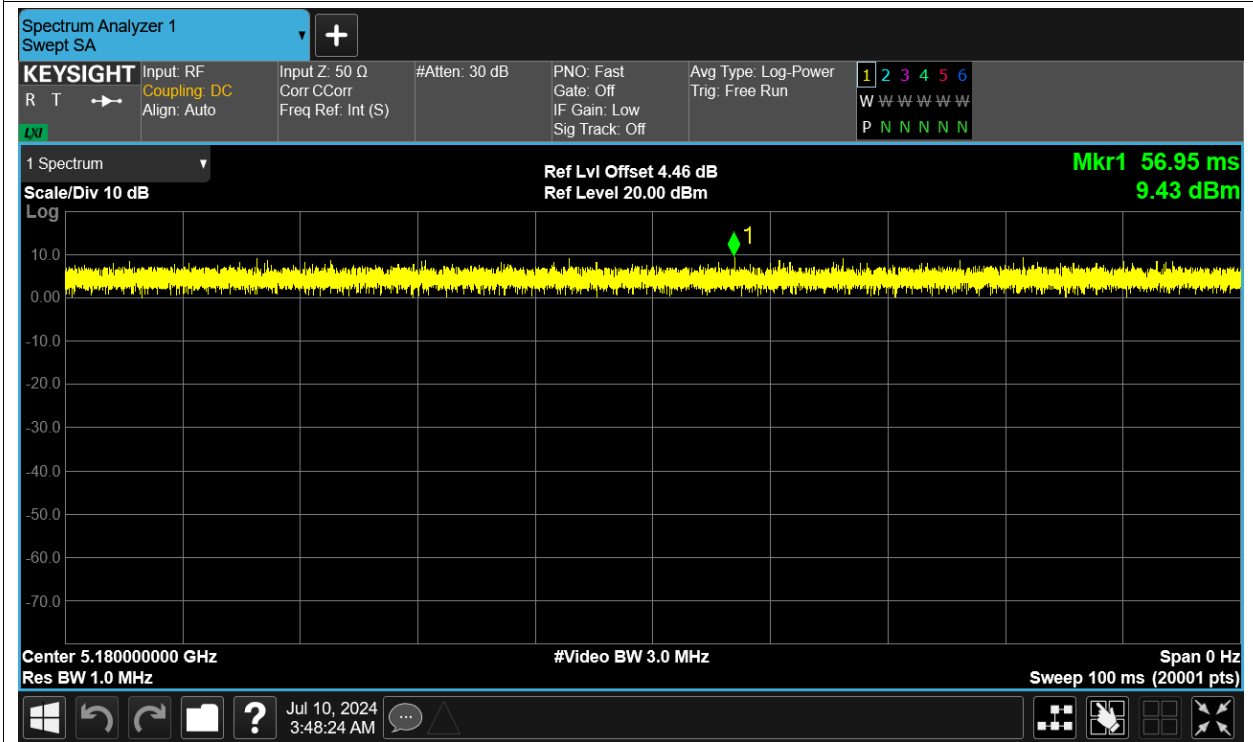
Duty Cycle NVNT ac40 5230MHz Ant2



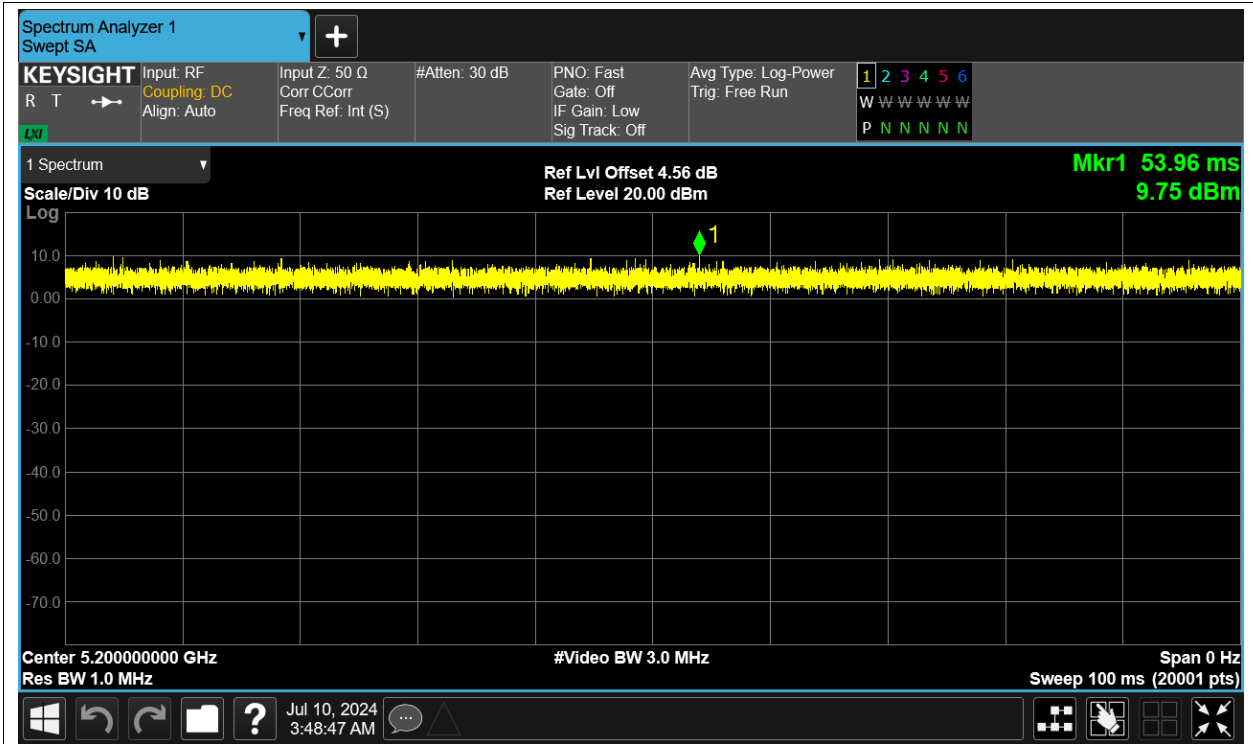
Duty Cycle NVNT ac80 5210MHz Ant2



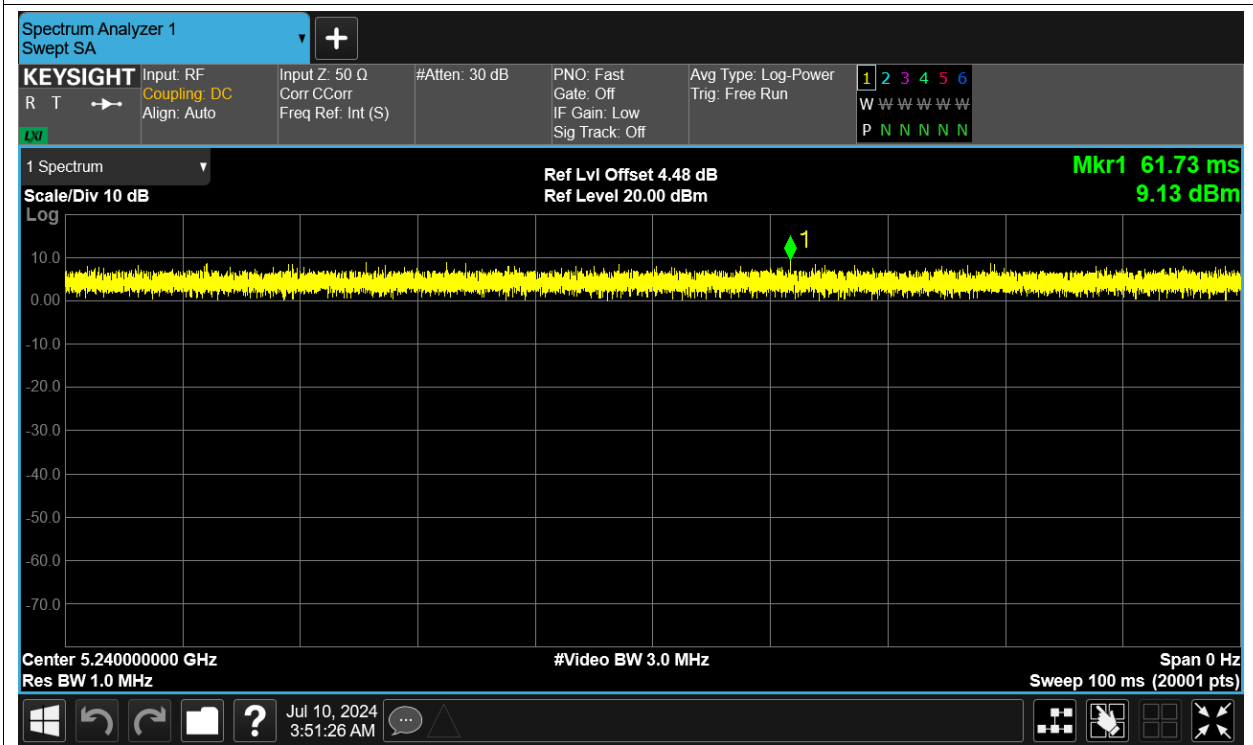
Duty Cycle NVNT n20 5180MHz Ant2



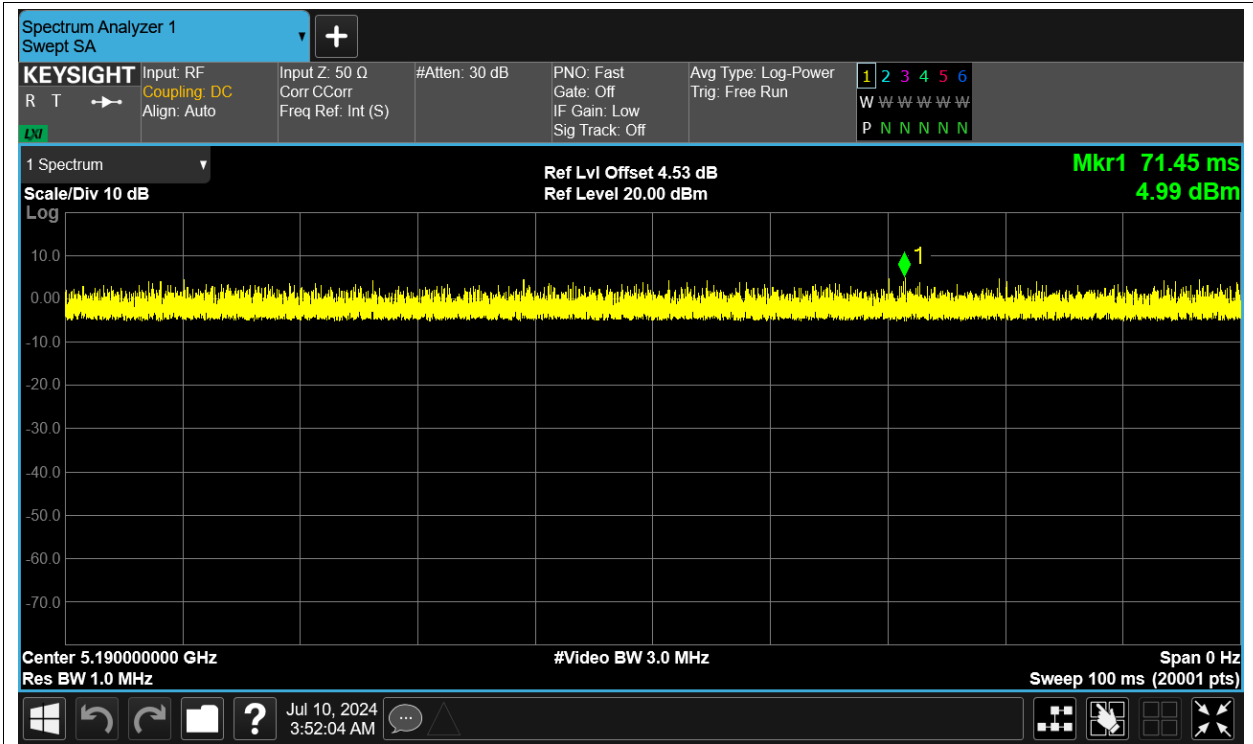
Duty Cycle NVNT n20 5200MHz Ant2



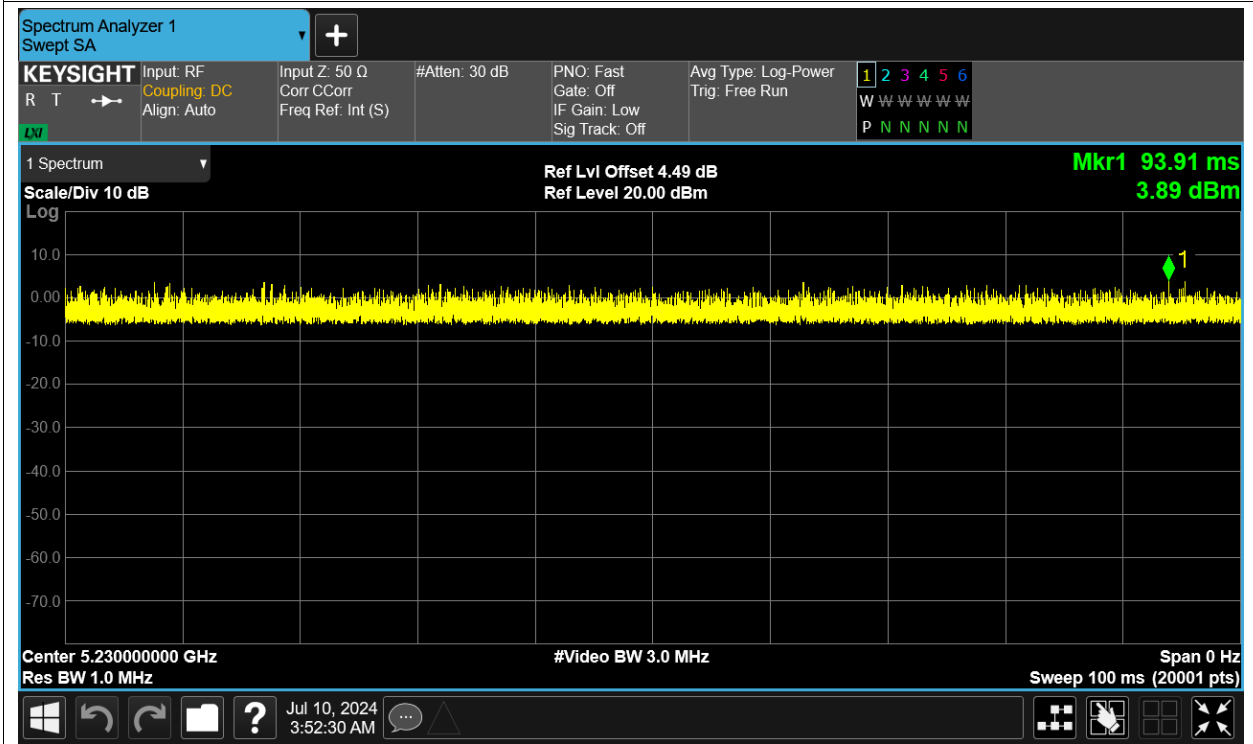
Duty Cycle NVNT n20 5240MHz Ant2



Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2



Maximum Conducted Output Power

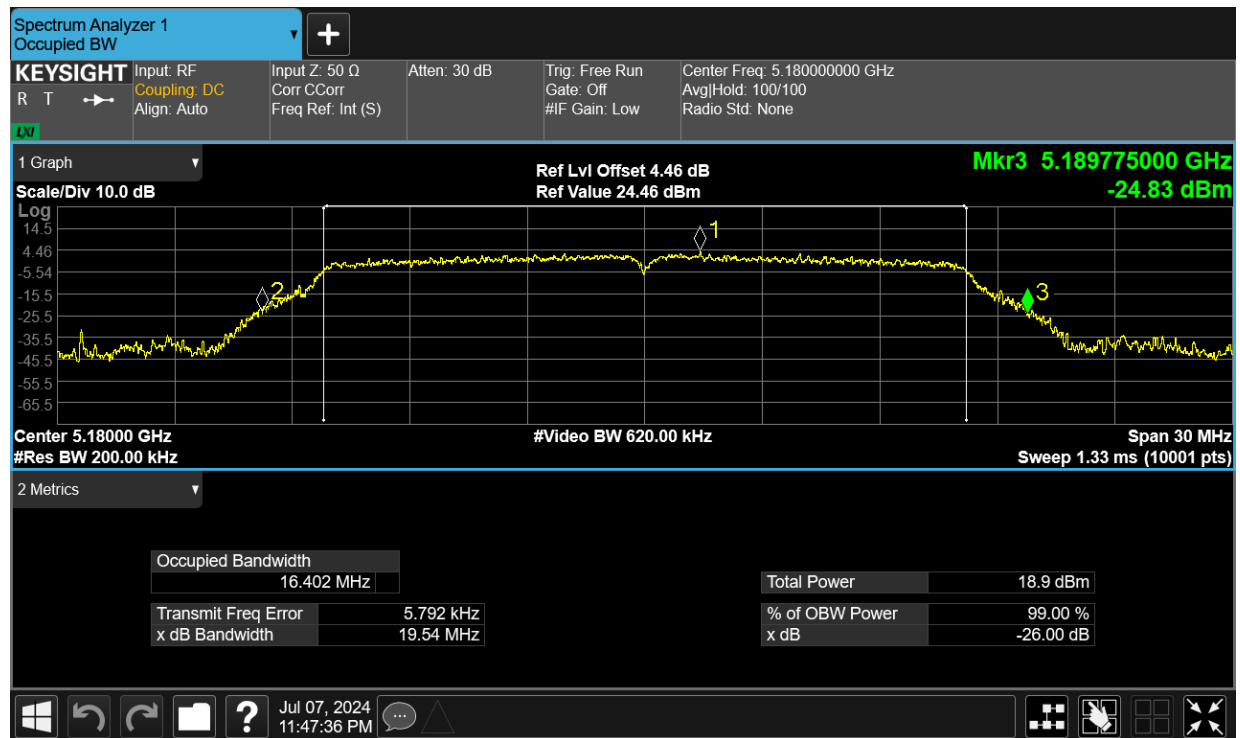
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	13.67	0	13.67	24	Pass
NVNT	a	5200	Ant2	14.05	0	14.05	24	Pass
NVNT	a	5240	Ant2	13.78	0	13.78	24	Pass
NVNT	ac20	5180	Ant2	11.62	0	11.62	24	Pass
NVNT	ac20	5200	Ant2	11.77	0	11.77	24	Pass
NVNT	ac20	5240	Ant2	11.58	0	11.58	24	Pass
NVNT	ac40	5190	Ant2	11.5	0	11.5	24	Pass
NVNT	ac40	5230	Ant2	11.6	0	11.6	24	Pass
NVNT	ac80	5210	Ant2	11.54	0	11.54	24	Pass
NVNT	n20	5180	Ant2	11.67	0	11.67	24	Pass
NVNT	n20	5200	Ant2	11.95	0	11.95	24	Pass
NVNT	n20	5240	Ant2	11.88	0	11.88	24	Pass
NVNT	n40	5190	Ant2	11.89	0	11.89	24	Pass
NVNT	n40	5230	Ant2	11.52	0	11.52	24	Pass

-26dB Bandwidth

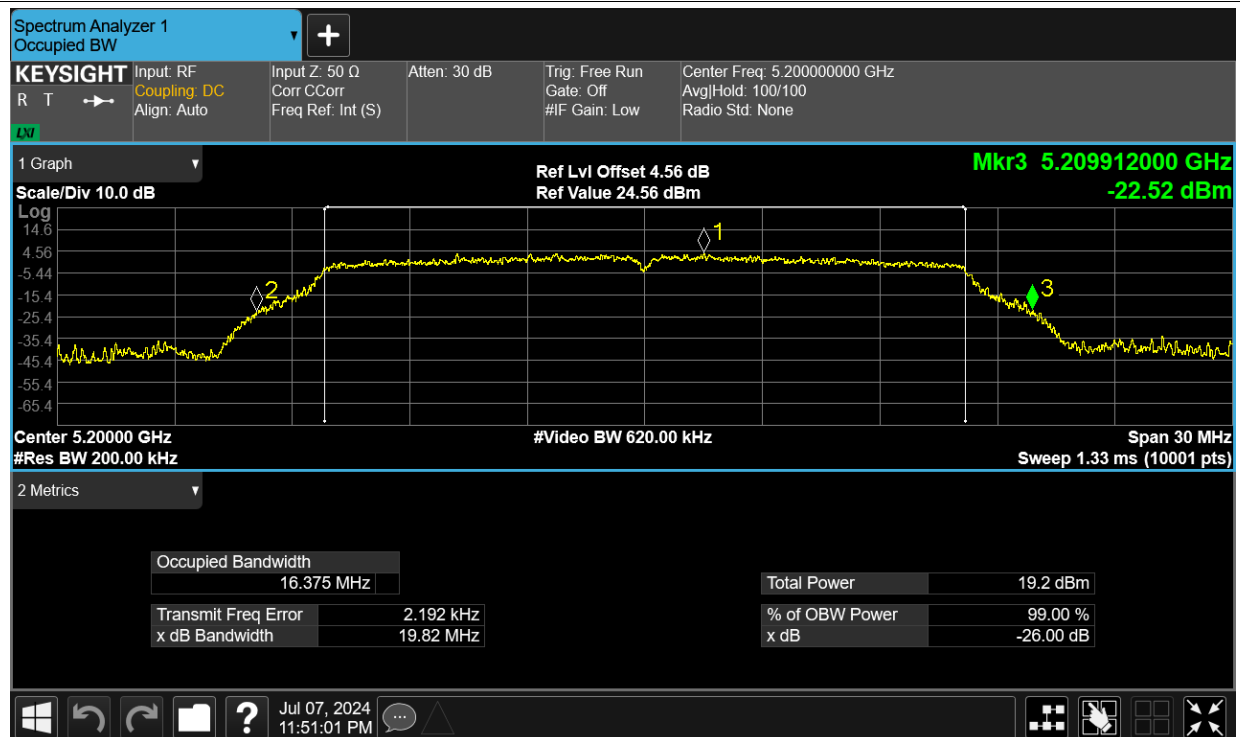
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant2	19.539
NVNT	a	5200	Ant2	19.82
NVNT	a	5240	Ant2	19.907
NVNT	ac20	5180	Ant2	19.978
NVNT	ac20	5200	Ant2	20.057
NVNT	ac20	5240	Ant2	19.987
NVNT	ac40	5190	Ant2	39.2
NVNT	ac40	5230	Ant2	39.259
NVNT	ac80	5210	Ant2	78.753
NVNT	n20	5180	Ant2	20.074
NVNT	n20	5200	Ant2	19.933
NVNT	n20	5240	Ant2	20.138
NVNT	n40	5190	Ant2	39.189
NVNT	n40	5230	Ant2	39.933

Test Graphs

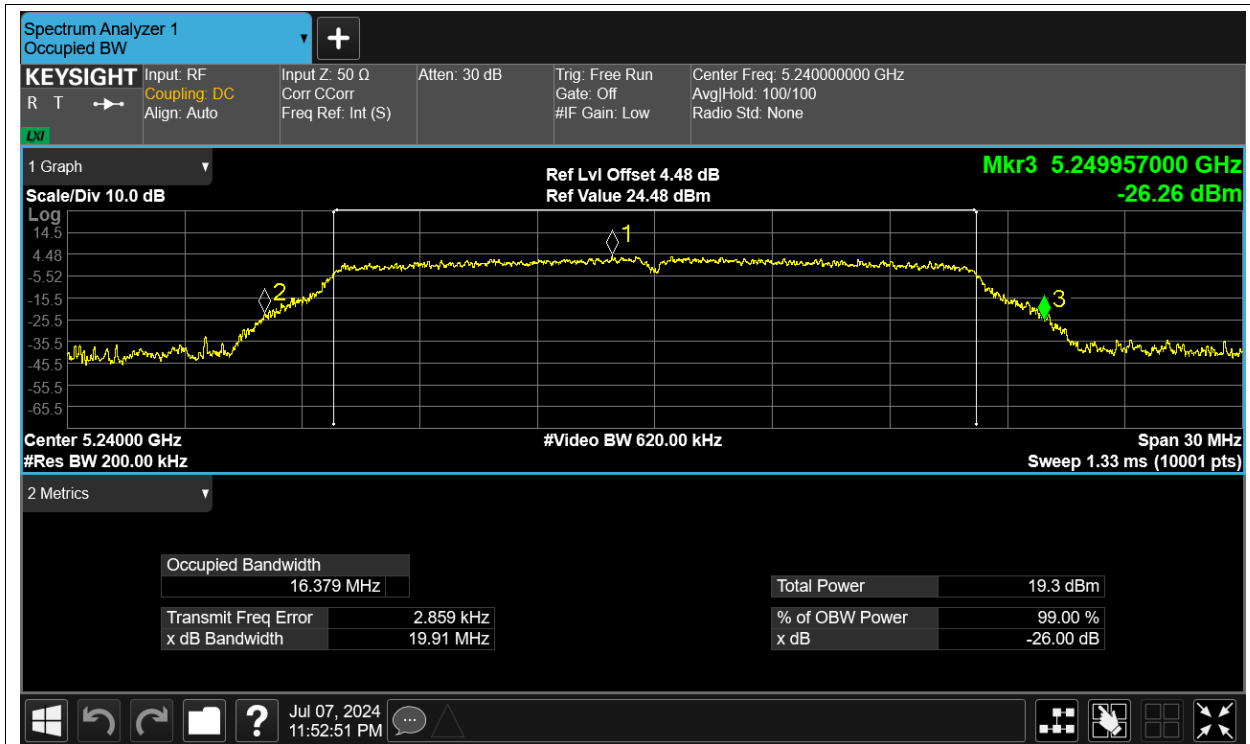
-26dB Bandwidth NVNT a 5180MHz Ant2



-26dB Bandwidth NVNT a 5200MHz Ant2



-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT ac20 5180MHz Ant2



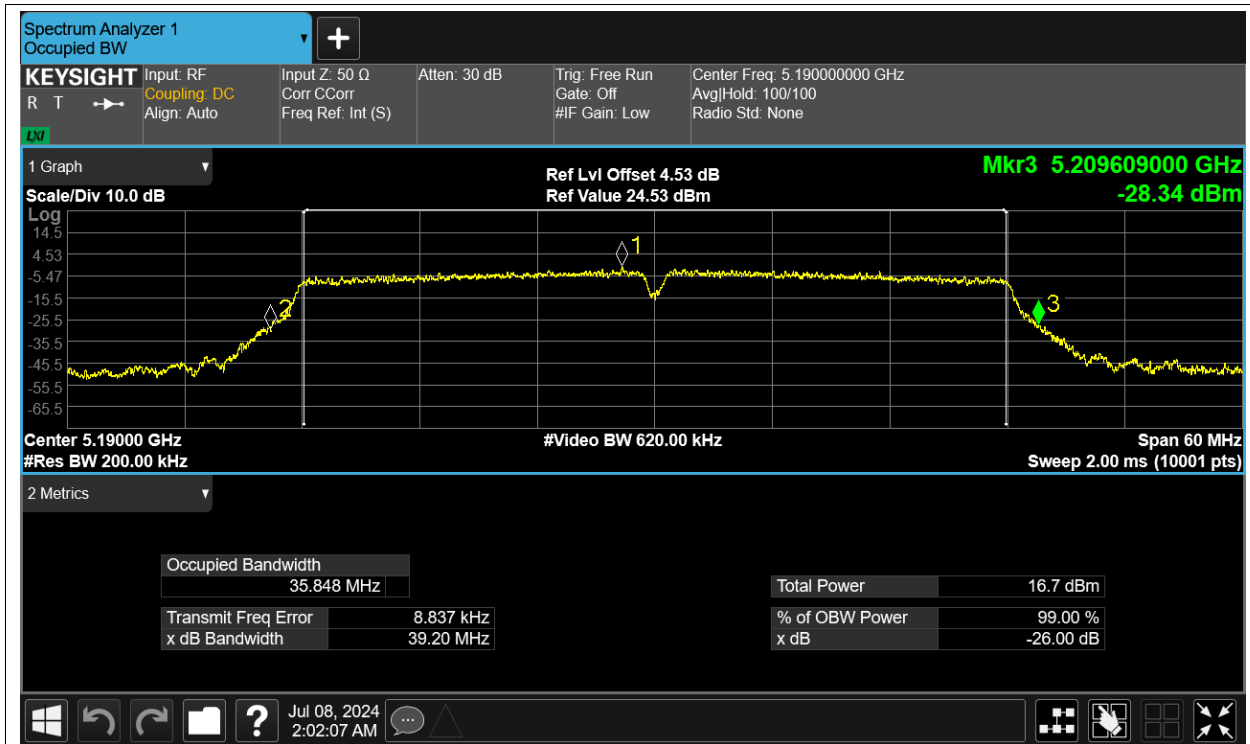
-26dB Bandwidth NVNT ac20 5200MHz Ant2



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant2



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant2



-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant2



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2

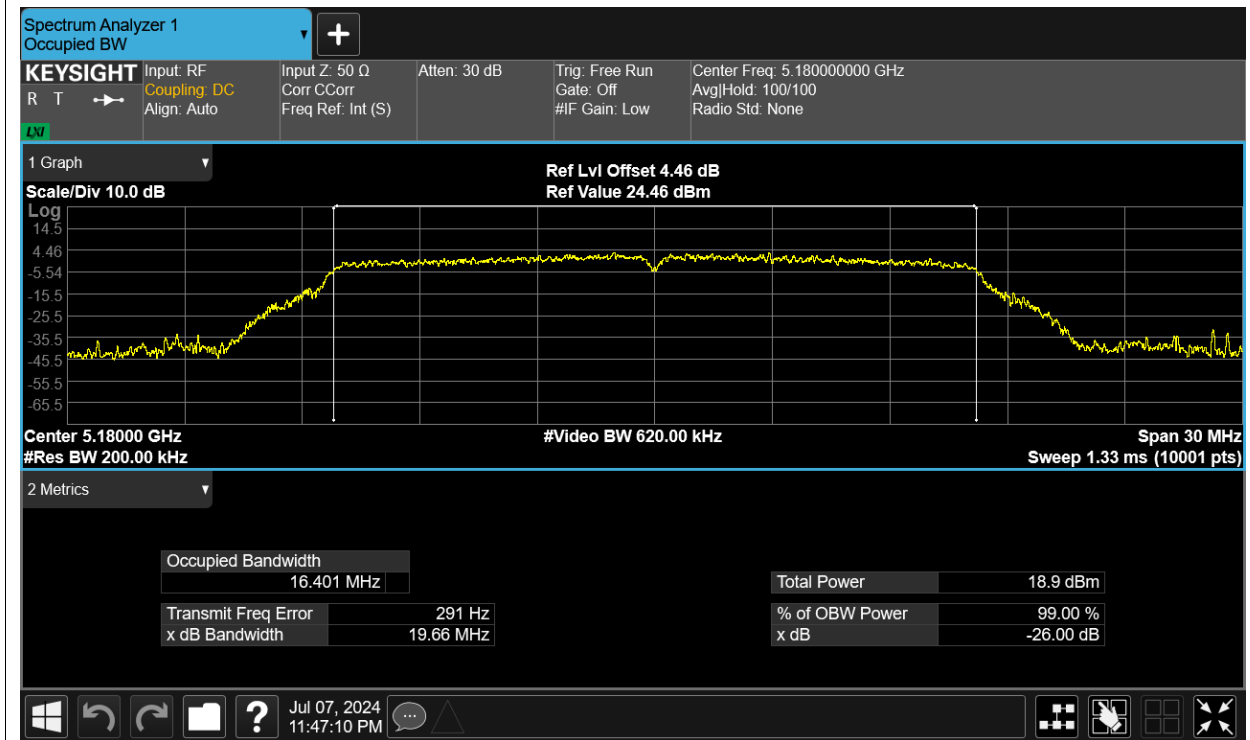


Occupied Channel Bandwidth

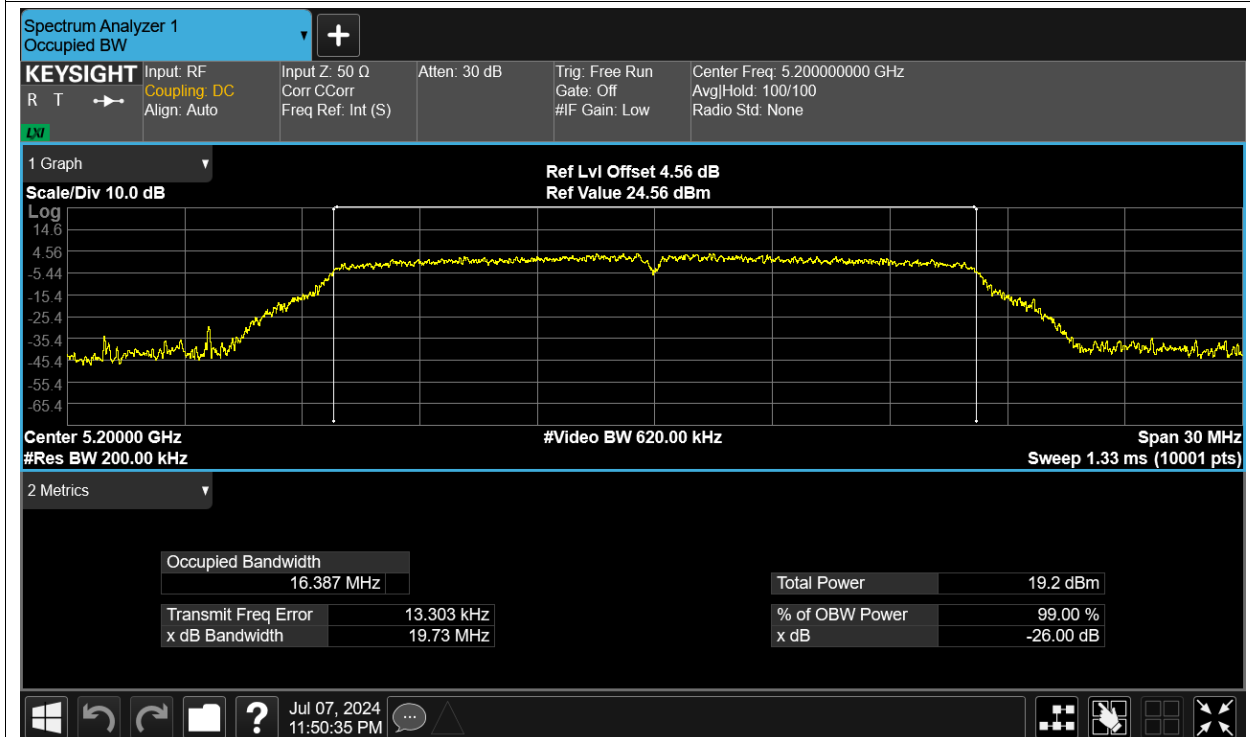
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant2	16.401
NVNT	a	5200	Ant2	16.387
NVNT	a	5240	Ant2	16.394
NVNT	ac20	5180	Ant2	17.552
NVNT	ac20	5200	Ant2	17.537
NVNT	ac20	5240	Ant2	17.536
NVNT	ac40	5190	Ant2	35.932
NVNT	ac40	5230	Ant2	35.975
NVNT	ac80	5210	Ant2	75.191
NVNT	n20	5180	Ant2	17.552
NVNT	n20	5200	Ant2	17.536
NVNT	n20	5240	Ant2	17.532
NVNT	n40	5190	Ant2	35.932
NVNT	n40	5230	Ant2	35.974

Test Graphs

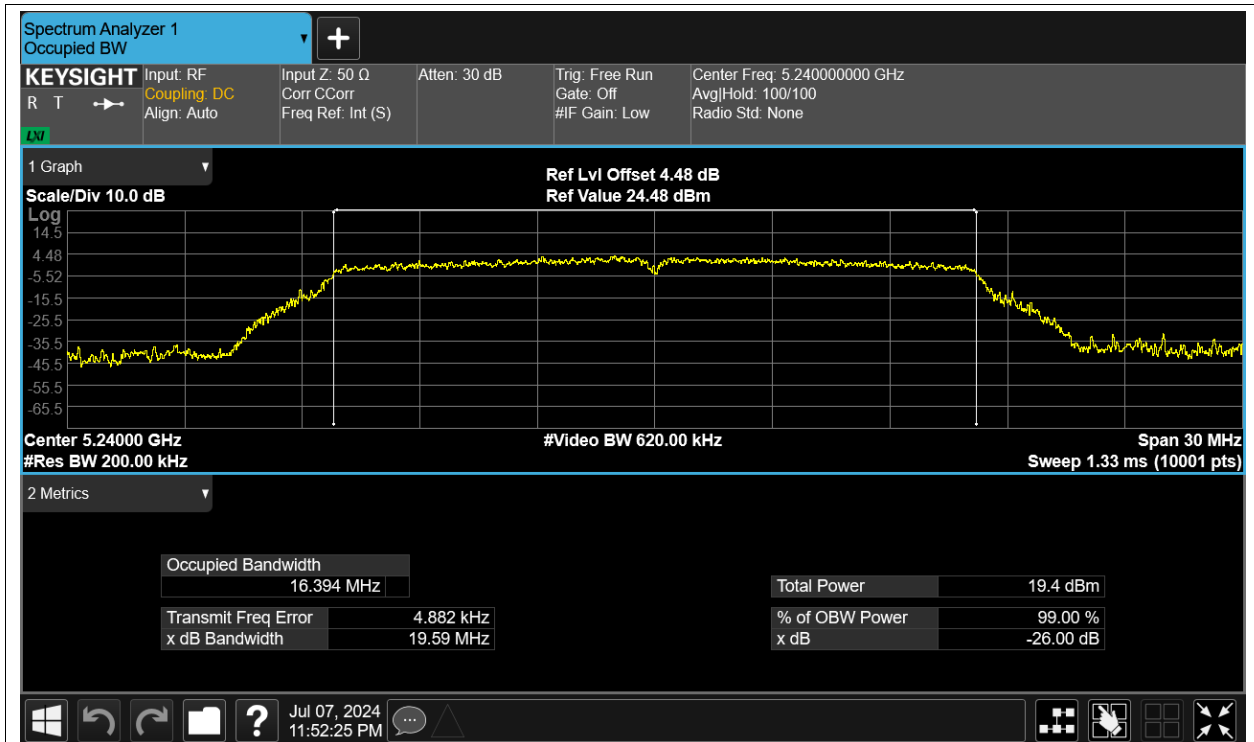
OBW NVNT a 5180MHz Ant2



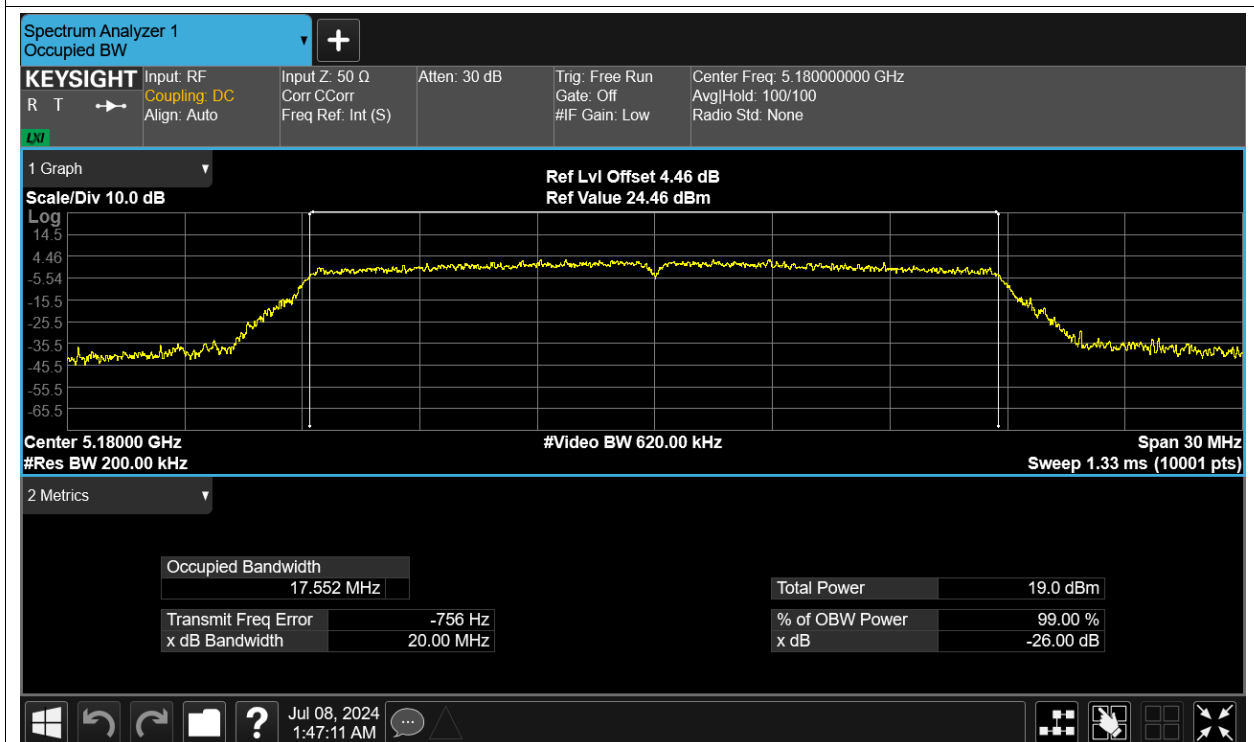
OBW NVNT a 5200MHz Ant2



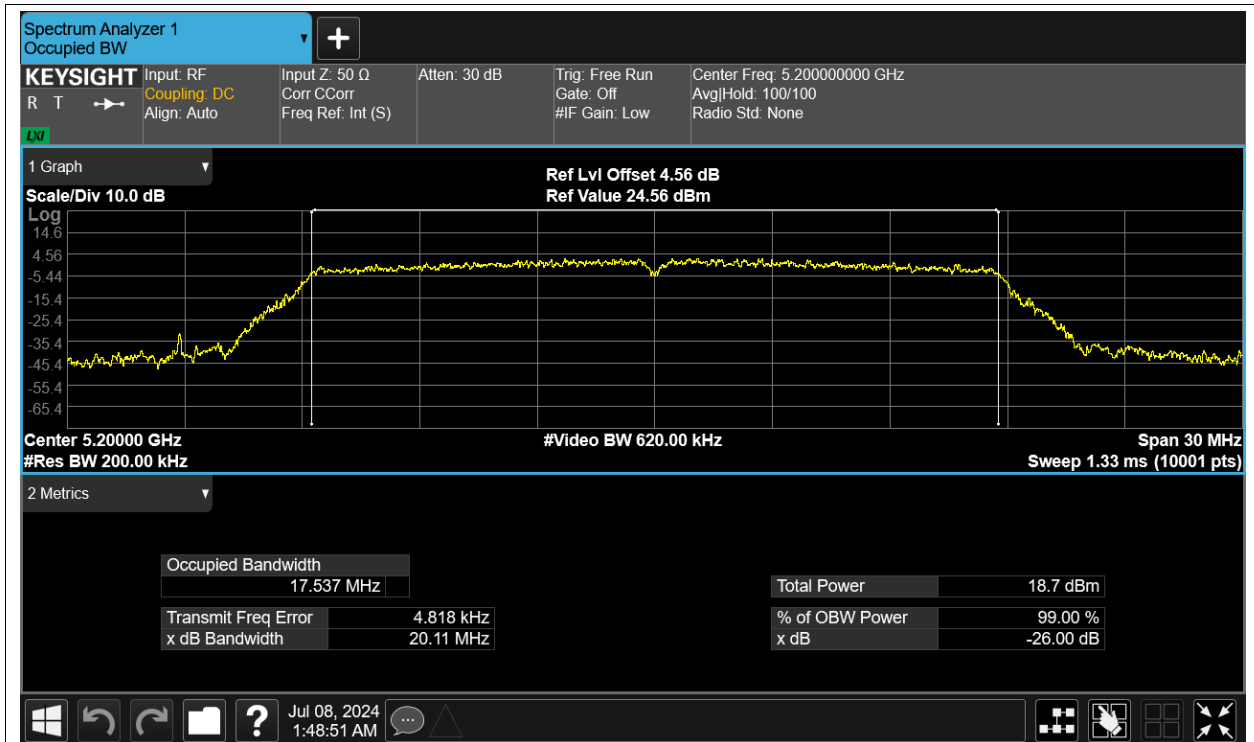
OBW NVNT a 5240MHz Ant2



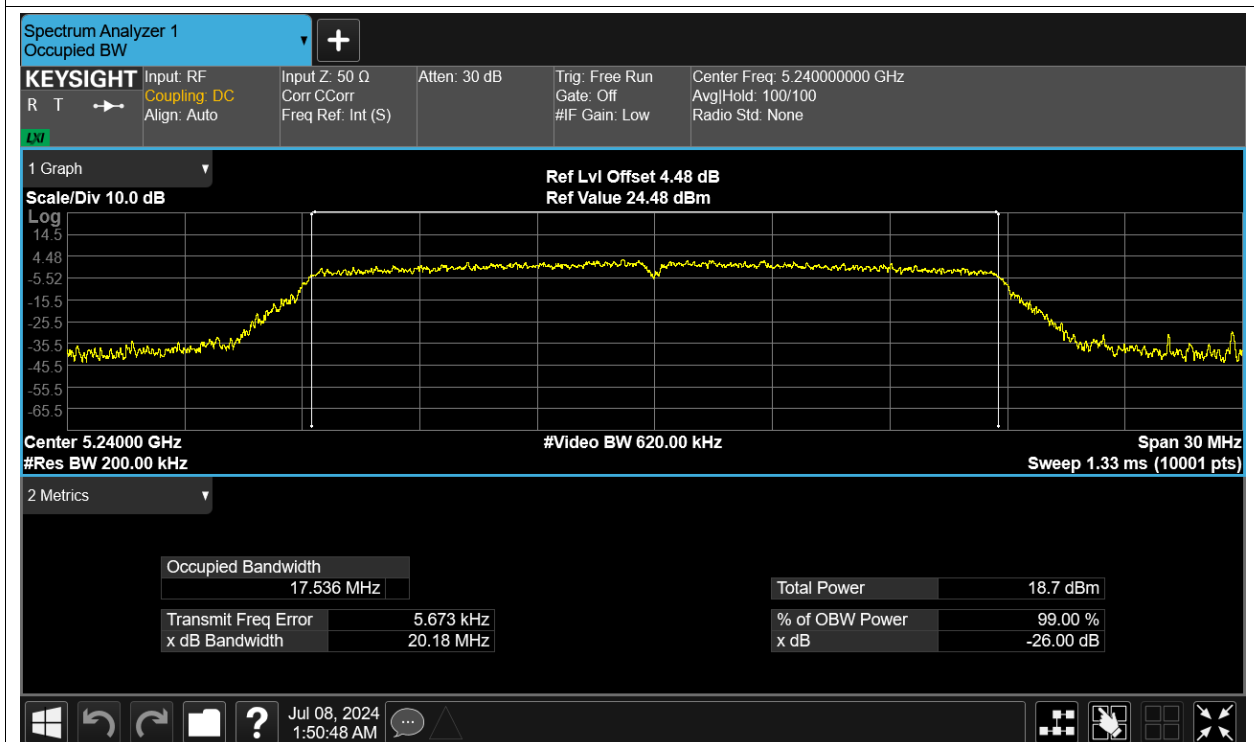
OBW NVNT ac20 5180MHz Ant2



OBW NVNT ac20 5200MHz Ant2



OBW NVNT ac20 5240MHz Ant2



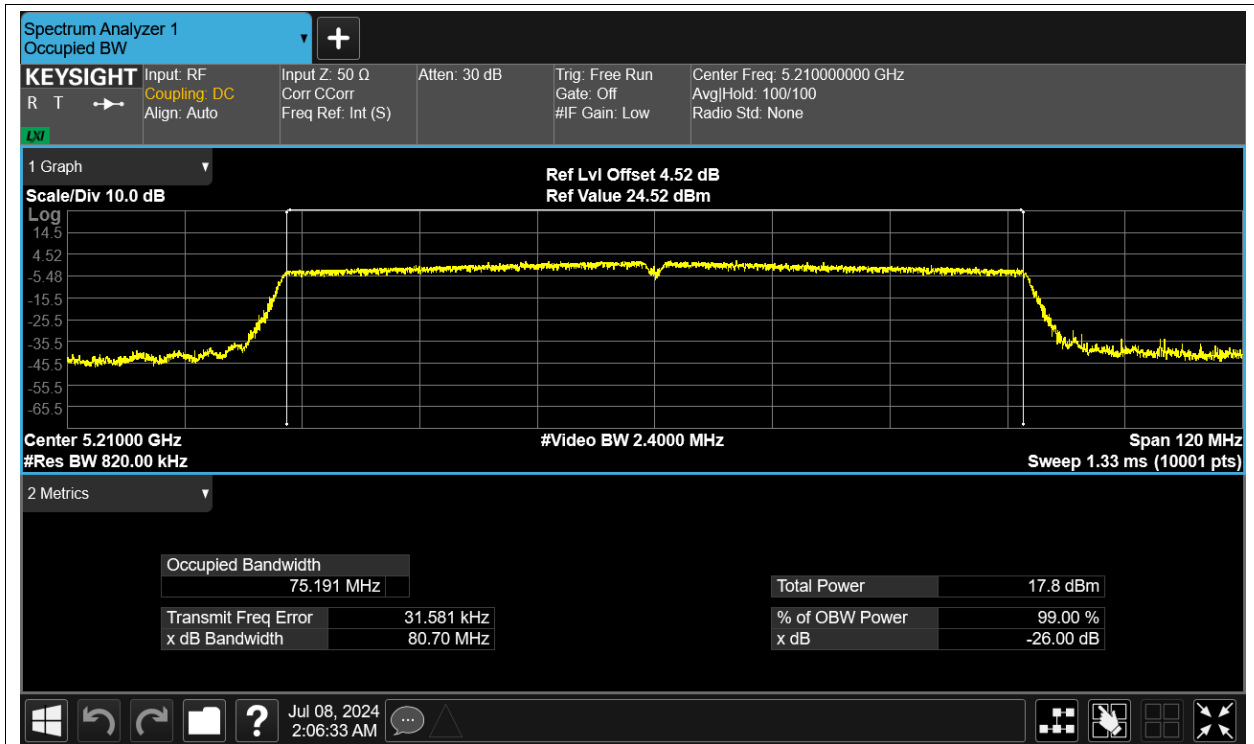
OBW NVNT ac40 5190MHz Ant2



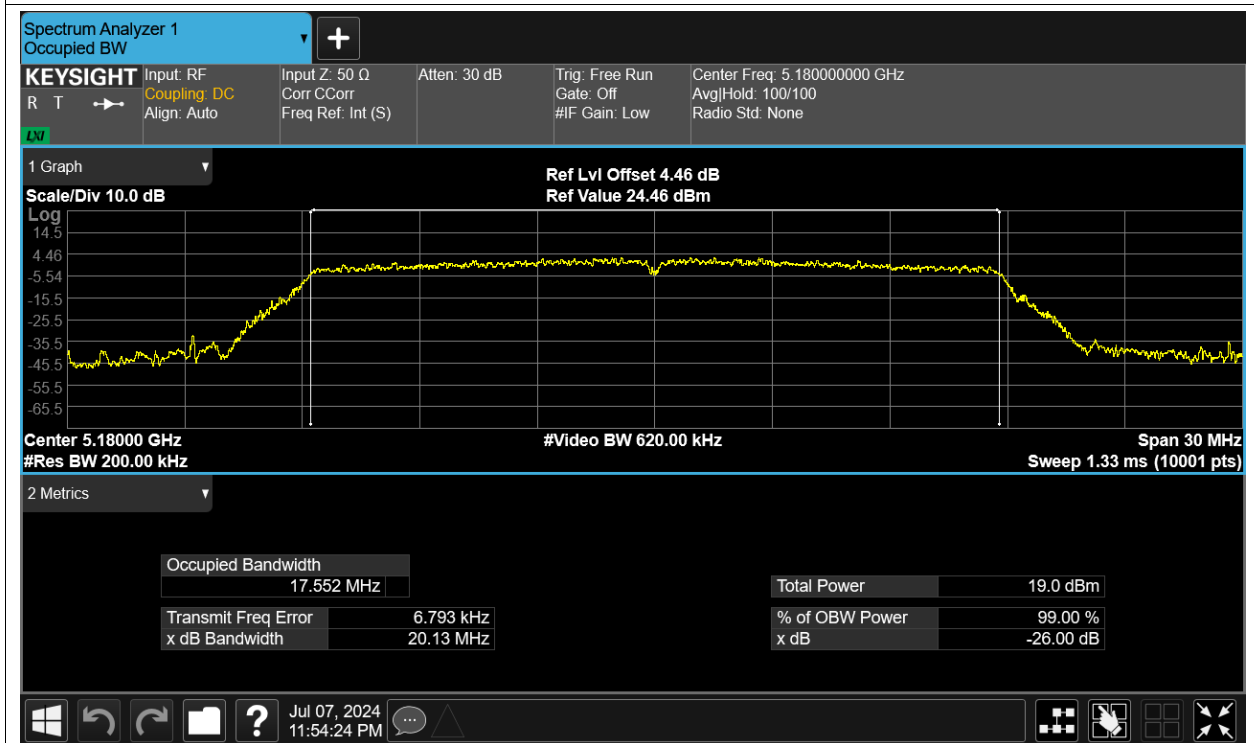
OBW NVNT ac40 5230MHz Ant2



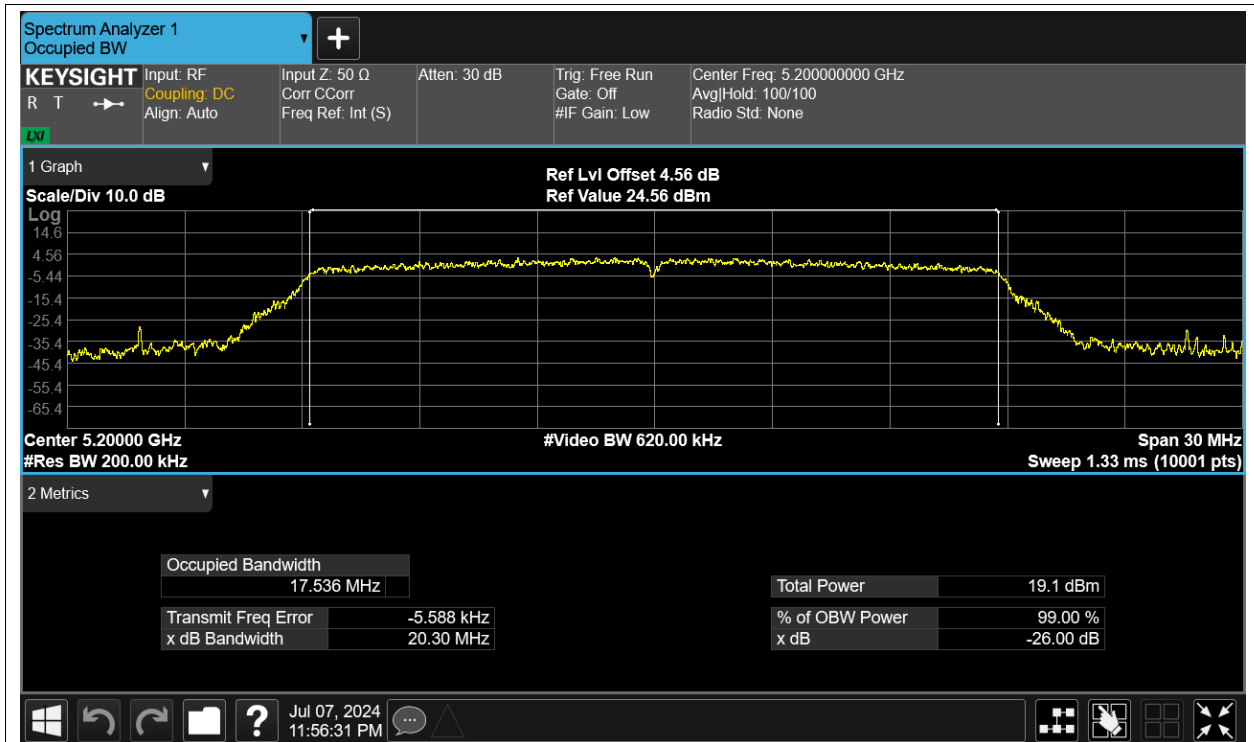
OBW NVNT ac80 5210MHz Ant2



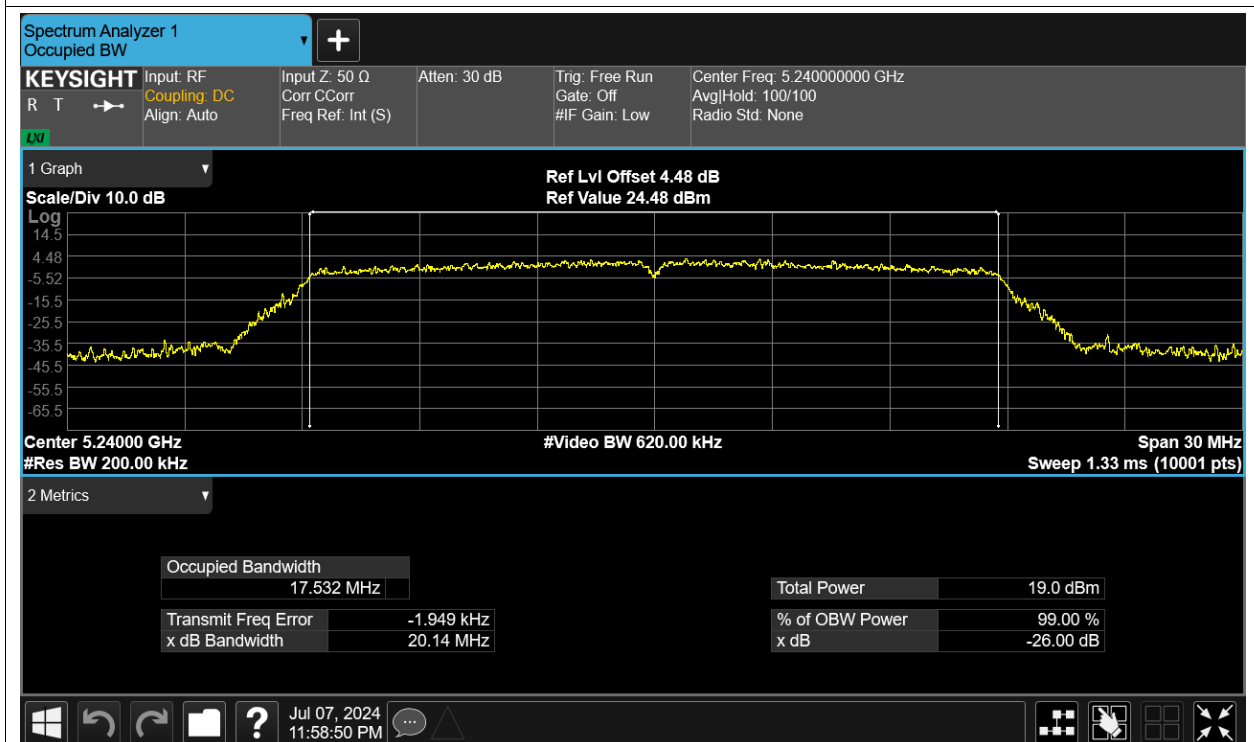
OBW NVNT n20 5180MHz Ant2



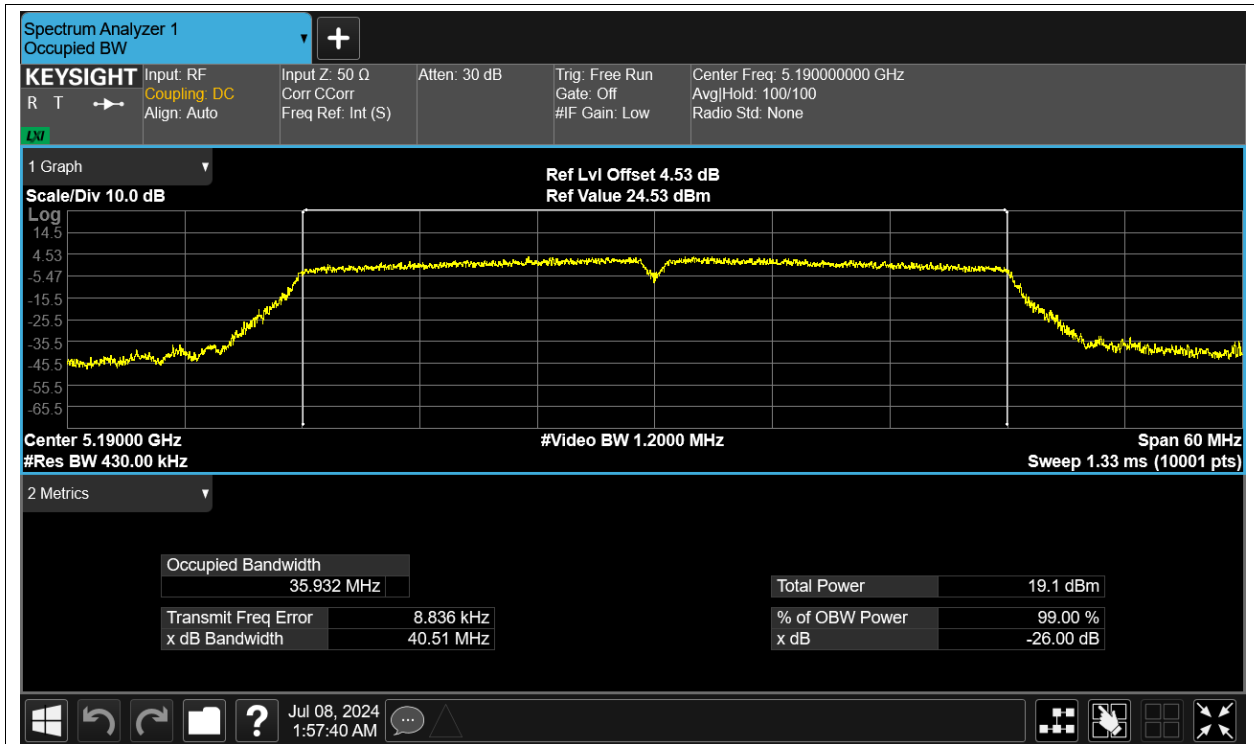
OBW NVNT n20 5200MHz Ant2



OBW NVNT n20 5240MHz Ant2



OBW NVNT n40 5190MHz Ant2

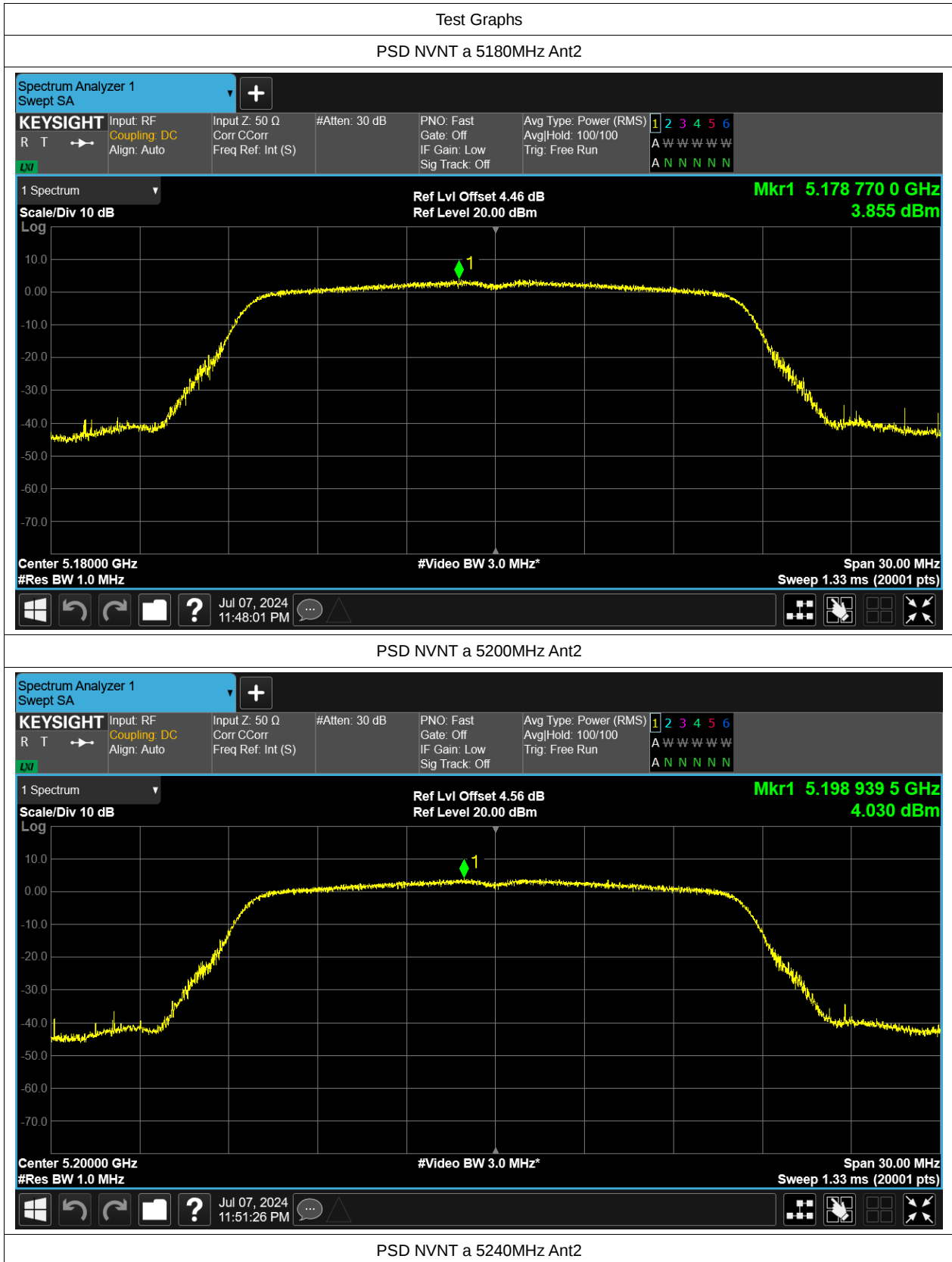


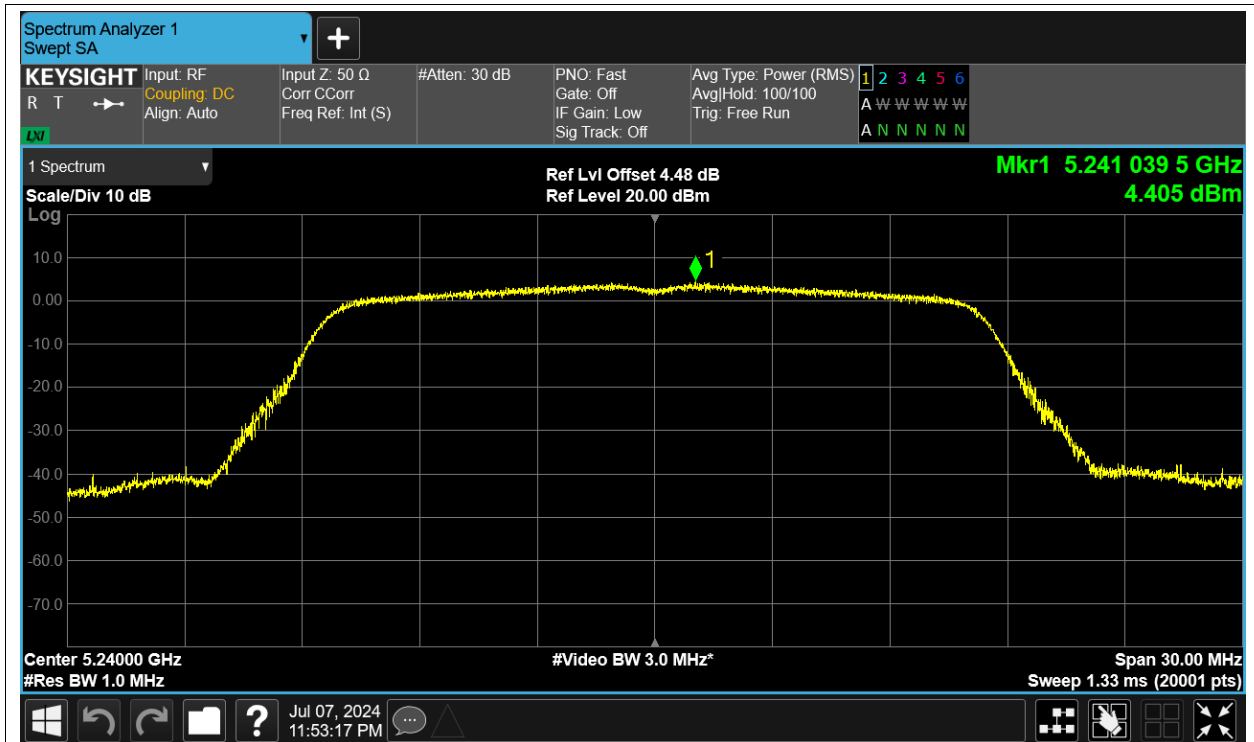
OBW NVNT n40 5230MHz Ant2



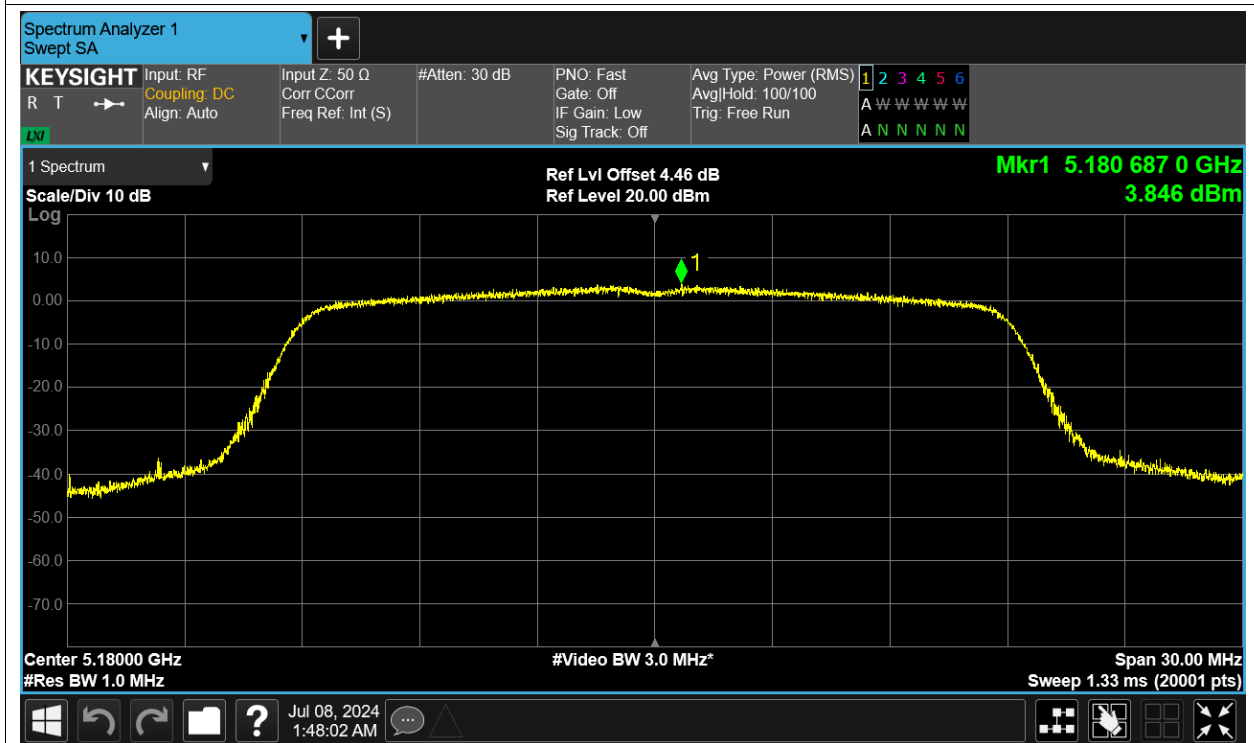
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	3.855	11	Pass
NVNT	a	5200	Ant2	4.03	11	Pass
NVNT	a	5240	Ant2	4.405	11	Pass
NVNT	ac20	5180	Ant2	3.846	11	Pass
NVNT	ac20	5200	Ant2	3.238	11	Pass
NVNT	ac20	5240	Ant2	3.431	11	Pass
NVNT	ac40	5190	Ant2	-0.676	11	Pass
NVNT	ac40	5230	Ant2	-1.044	11	Pass
NVNT	ac80	5210	Ant2	-4.449	11	Pass
NVNT	n20	5180	Ant2	3.737	11	Pass
NVNT	n20	5200	Ant2	4.074	11	Pass
NVNT	n20	5240	Ant2	3.749	11	Pass
NVNT	n40	5190	Ant2	1.229	11	Pass
NVNT	n40	5230	Ant2	0.718	11	Pass

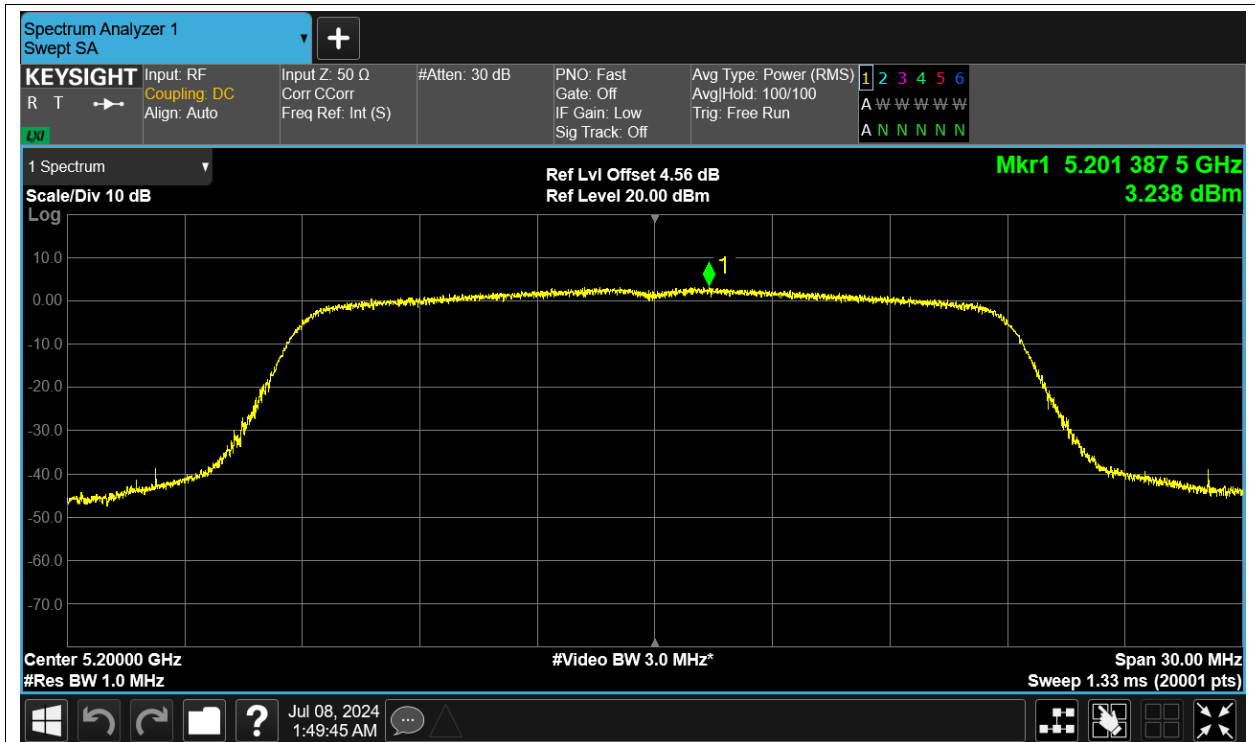




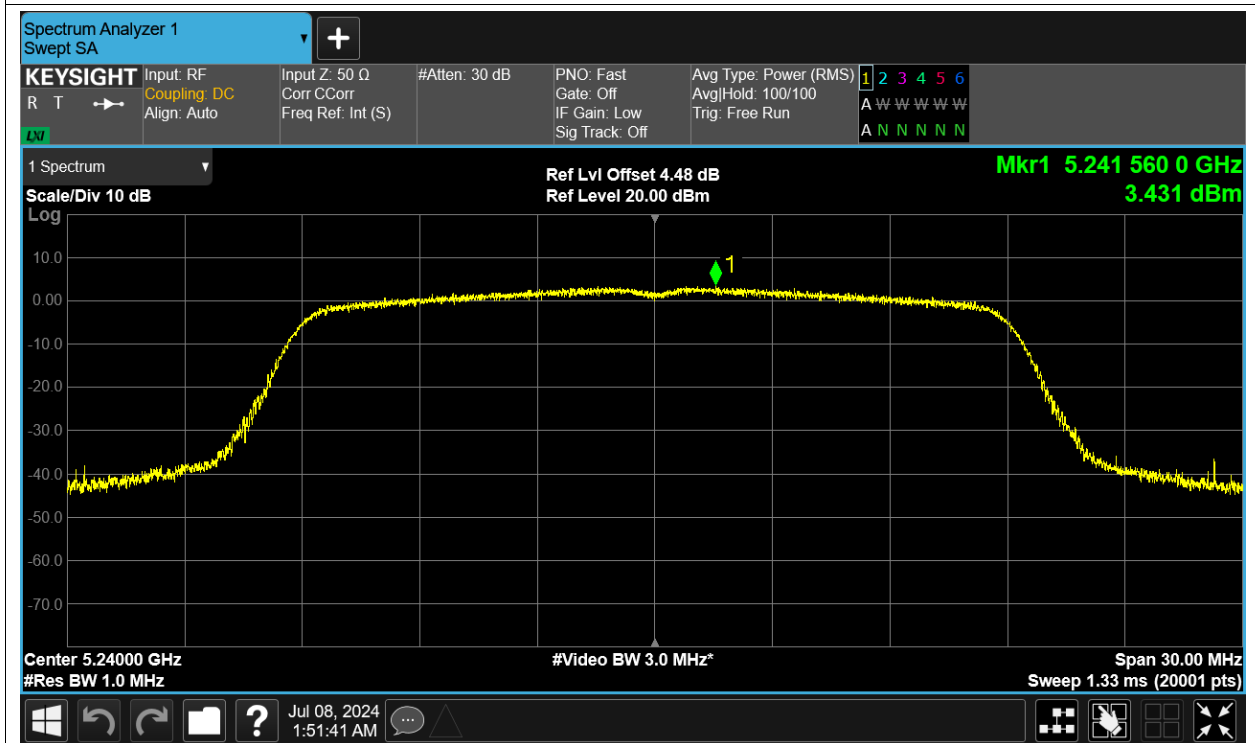
PSD NVNT ac20 5180MHz Ant2



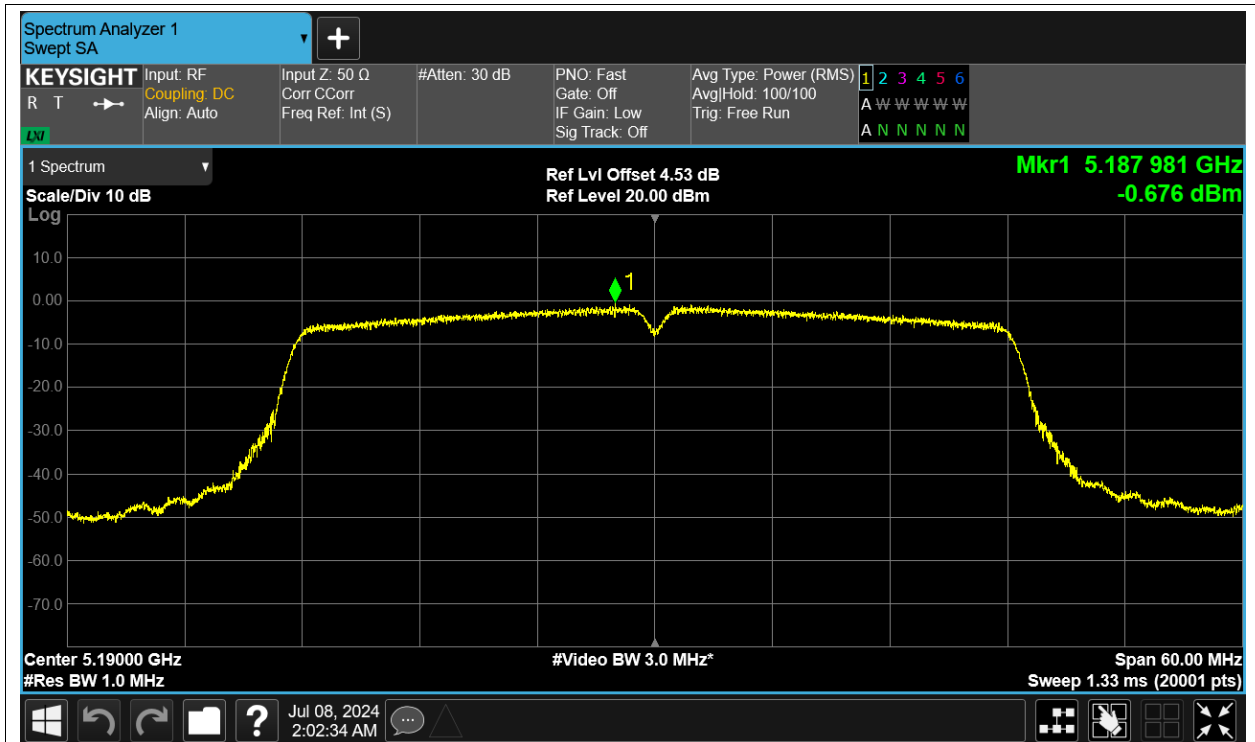
PSD NVNT ac20 5200MHz Ant2



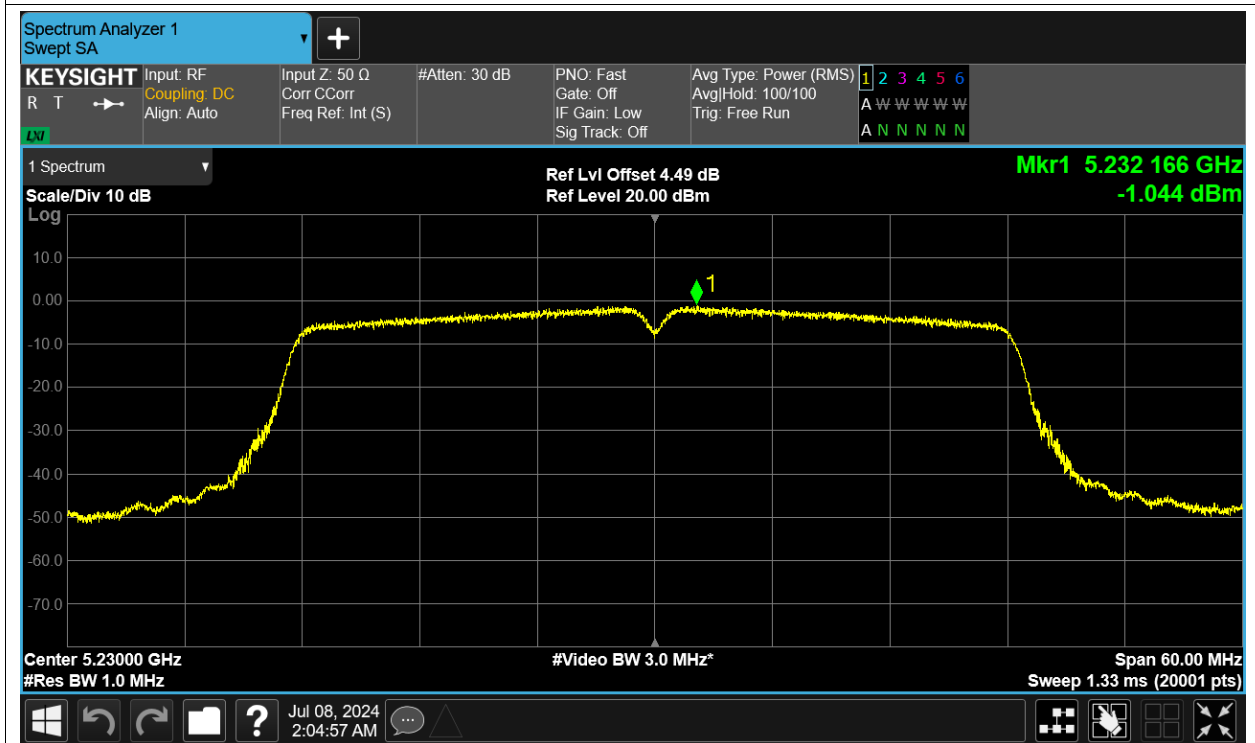
PSD NVNT ac20 5240MHz Ant2



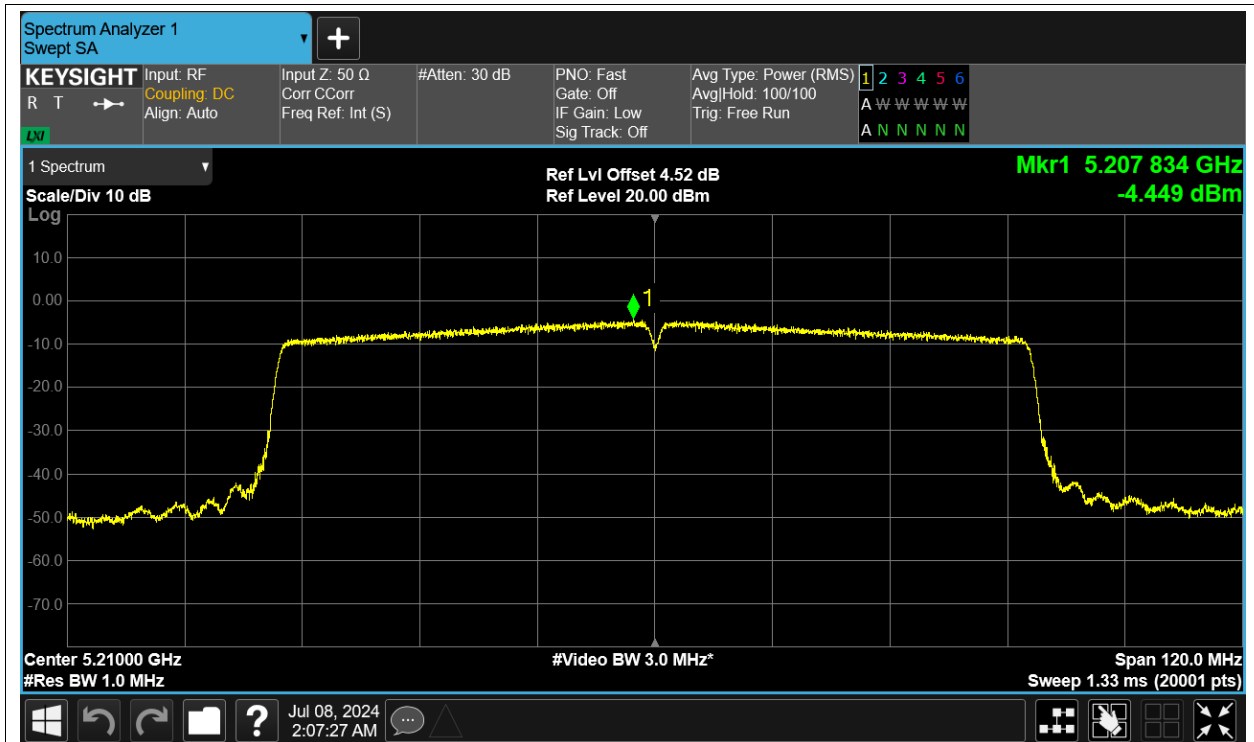
PSD NVNT ac40 5190MHz Ant2



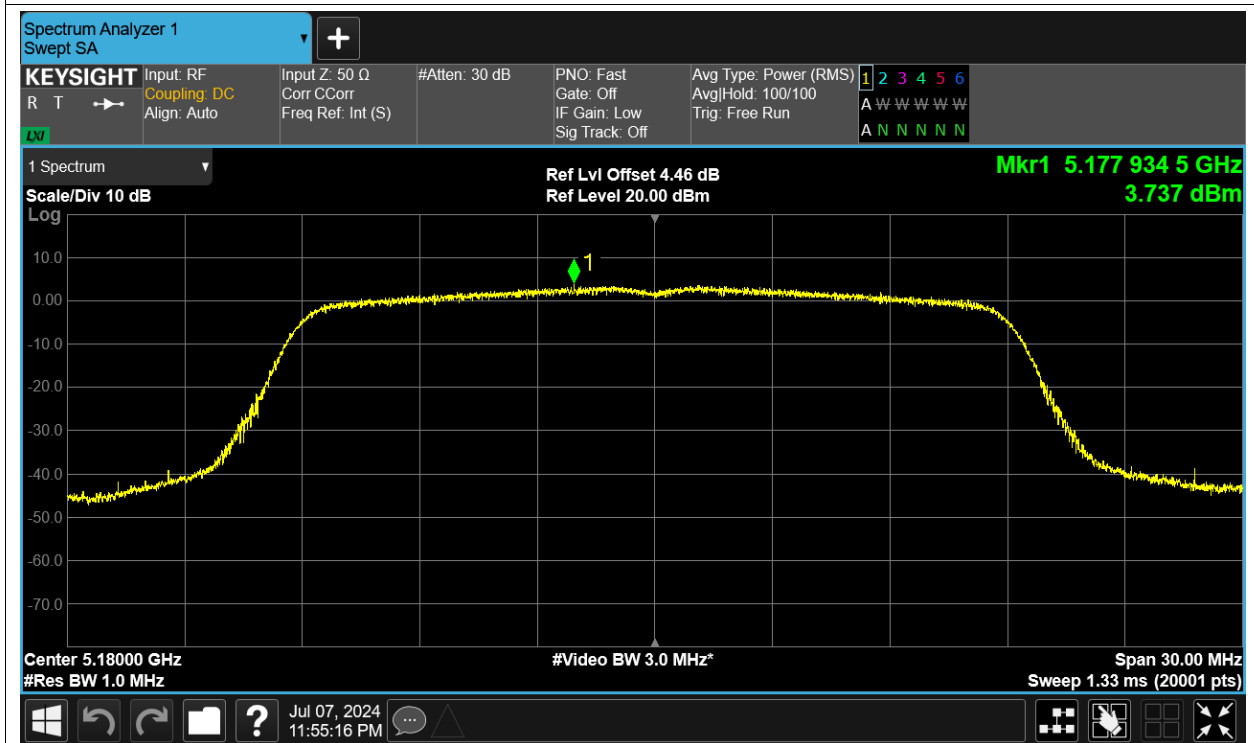
PSD NVNT ac40 5230MHz Ant2



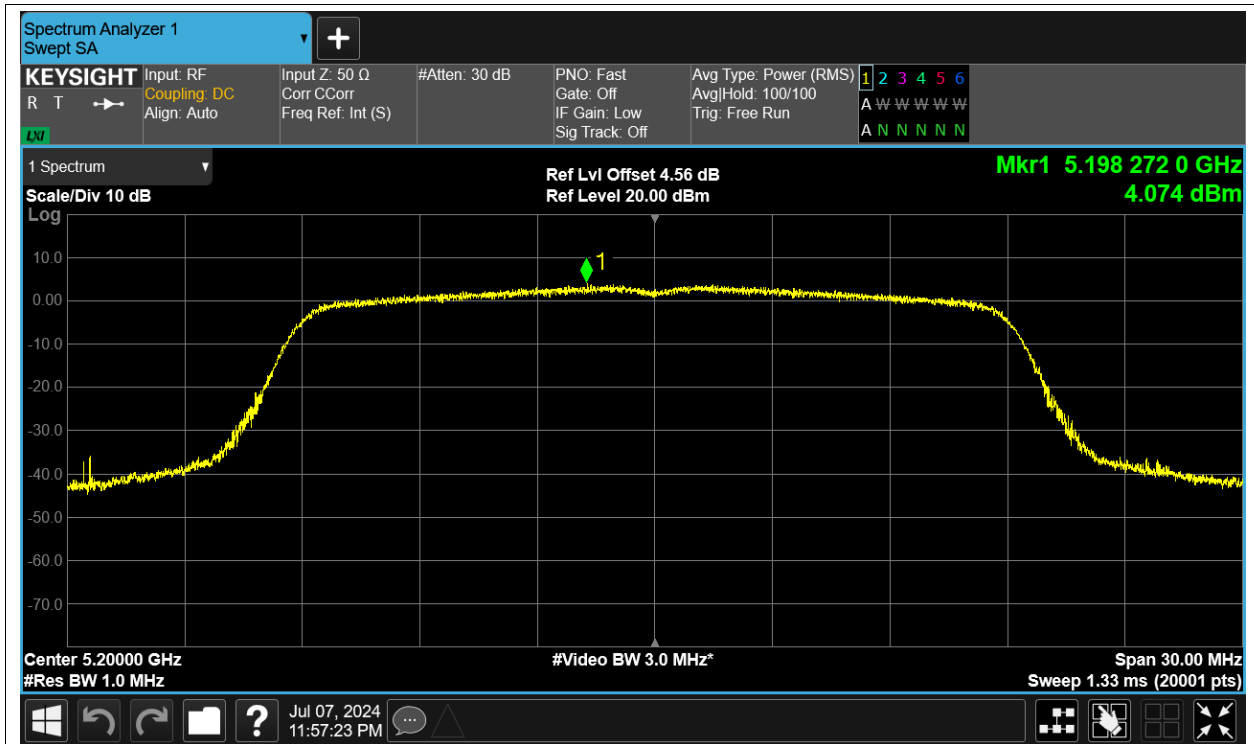
PSD NVNT ac80 5210MHz Ant2



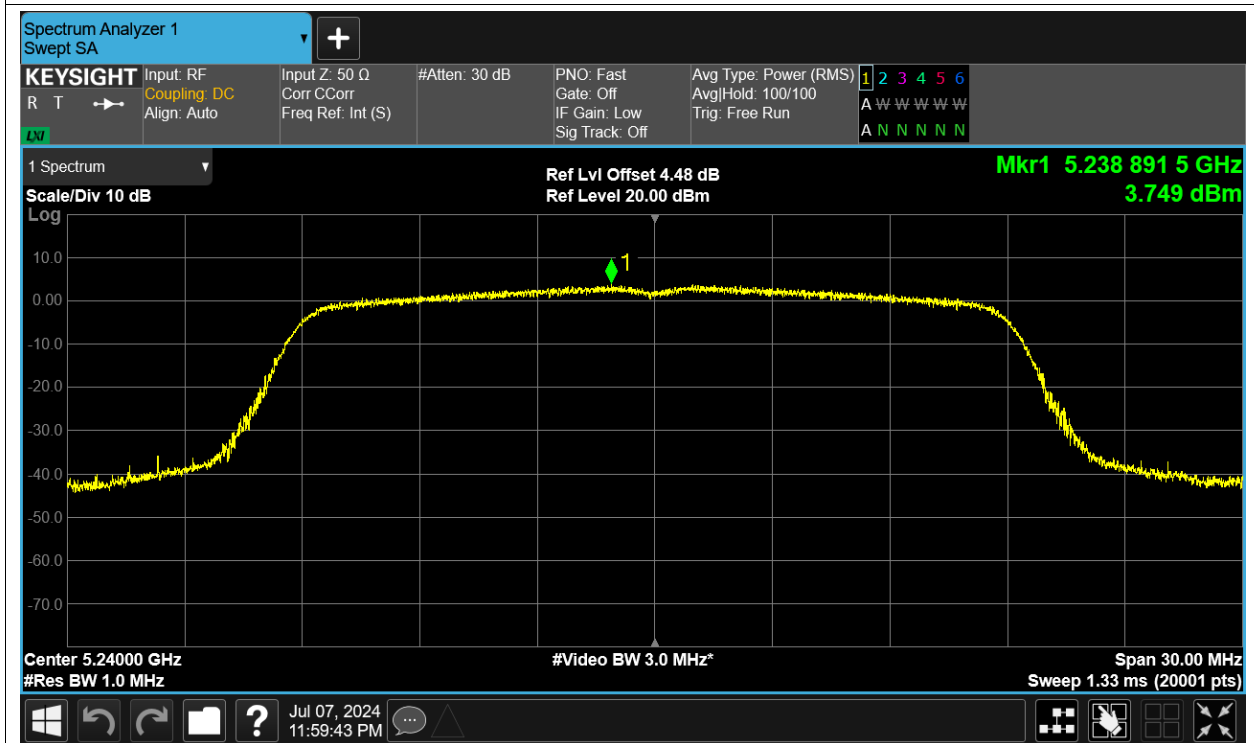
PSD NVNT n20 5180MHz Ant2



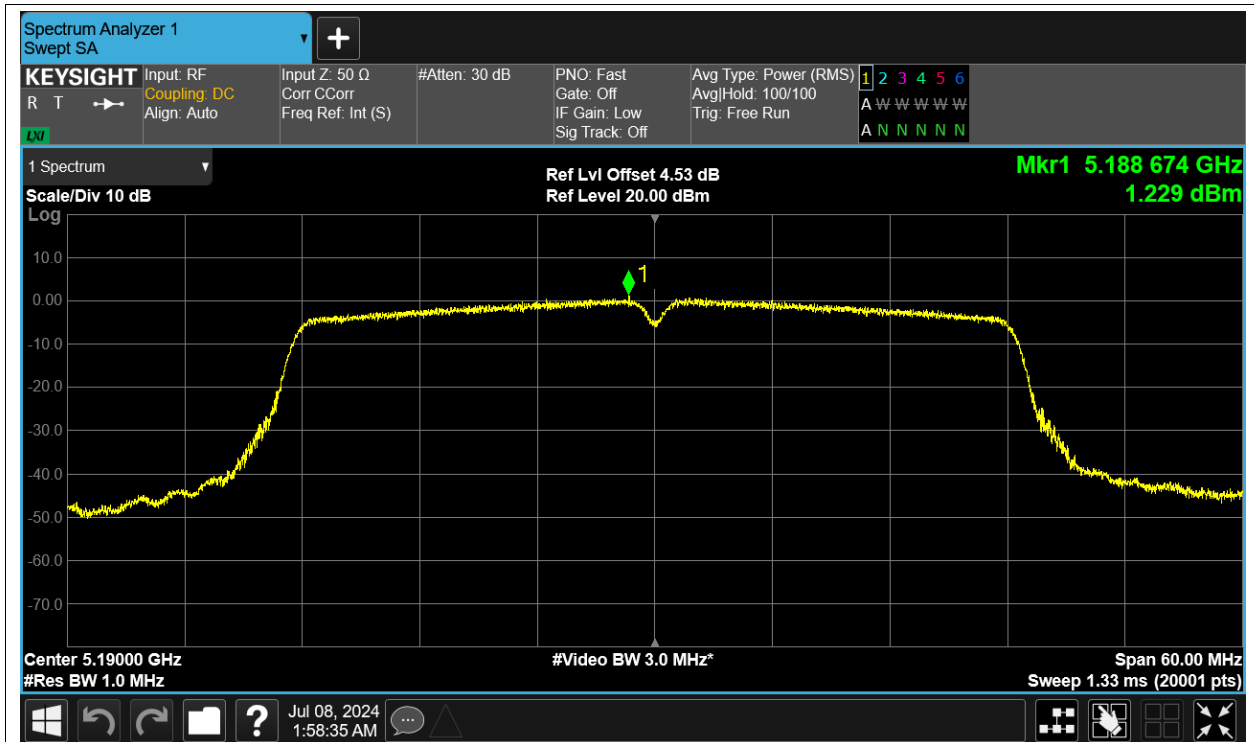
PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5240MHz Ant2



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

