

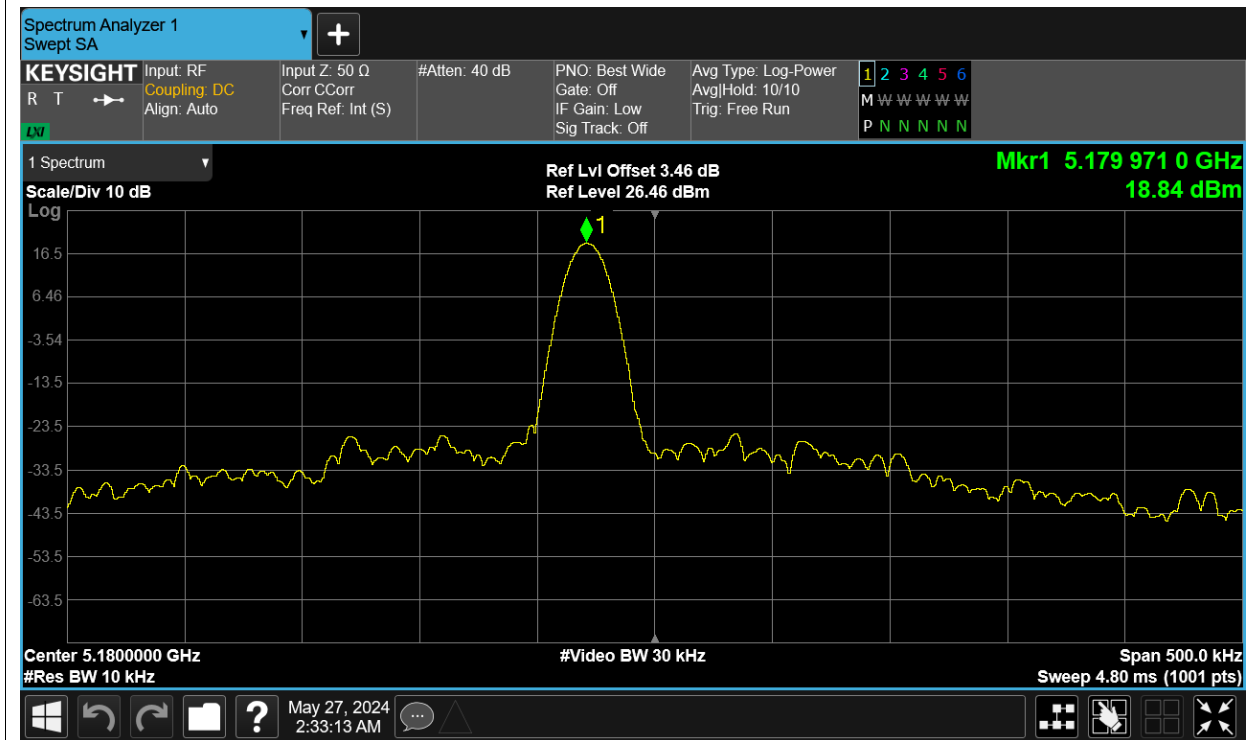
Test Data

Frequency Stability

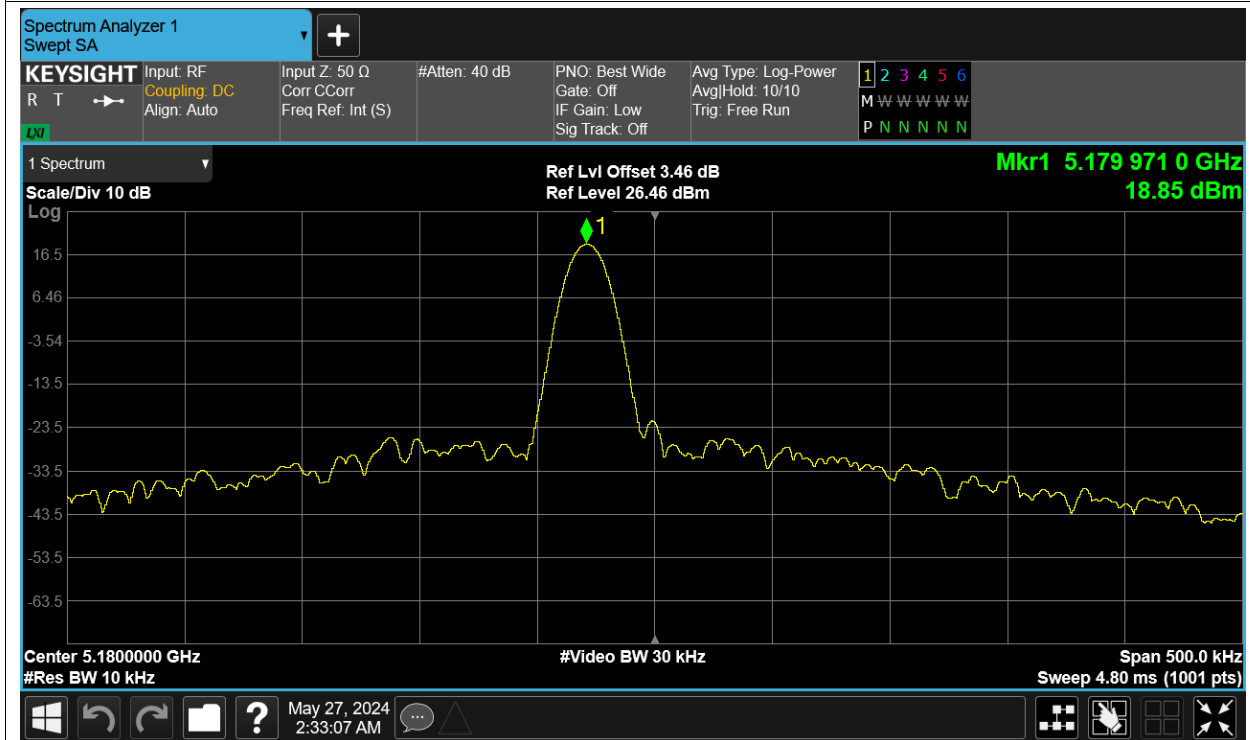
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.971	-5.6	25	Pass
LVNT	a	5180	Ant1	5179.971	-5.6	25	Pass
NVHT	a	5180	Ant1	5179.971	-5.6	25	Pass
NVLT	a	5180	Ant1	5179.971	-5.6	25	Pass
NVNT	a	5180	Ant1	5179.971	-5.6	25	Pass
HVNT	ac80	5210	Ant1	5209.9715	-5.47	25	Pass
LVNT	ac80	5210	Ant1	5209.9715	-5.47	25	Pass
NVHT	ac80	5210	Ant1	5209.9715	-5.47	25	Pass
NVLT	ac80	5210	Ant1	5209.972	-5.37	25	Pass
NVNT	ac80	5210	Ant1	5209.971834497	-5.41	25	Pass
HVNT	n40	5190	Ant1	5189.971	-5.59	25	Pass
NVHT	n40	5190	Ant1	5189.971	-5.59	25	Pass
NVLT	n40	5190	Ant1	5189.971	-5.59	25	Pass
NVNT	n40	5190	Ant1	5189.971	-5.59	25	Pass

Test Graphs

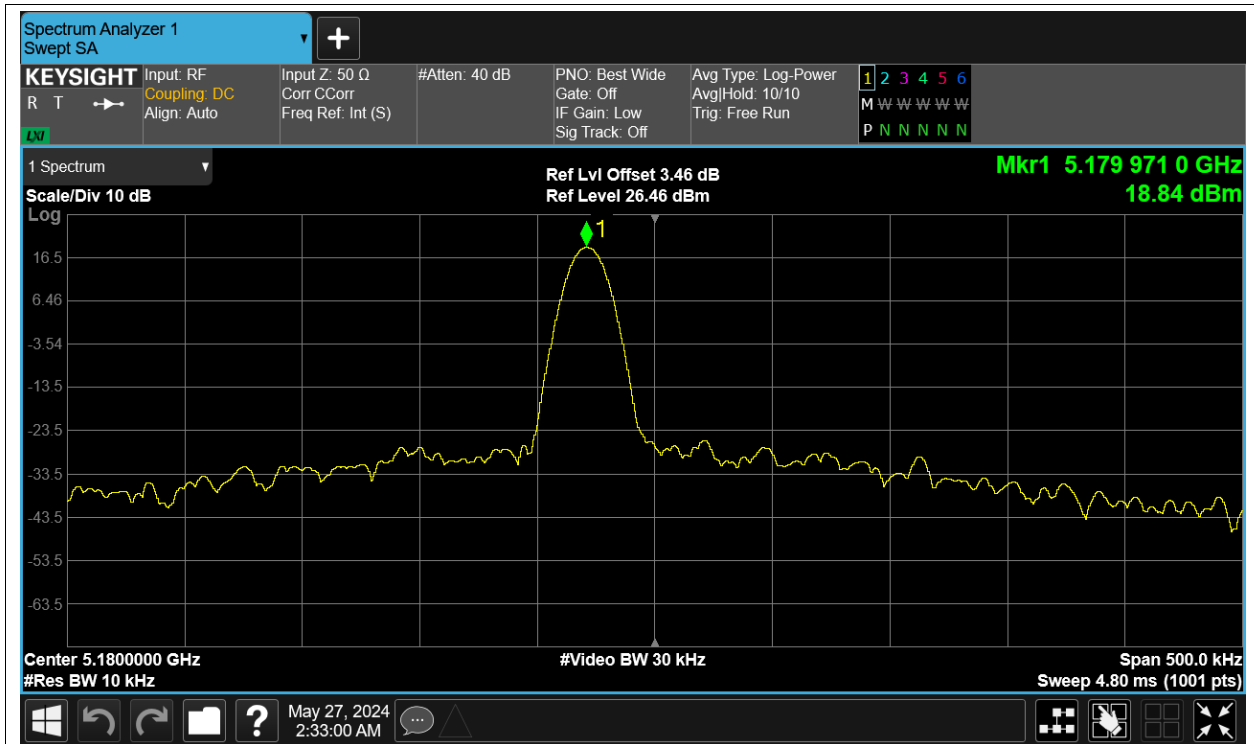
Freq. Stability HVNT a 5180MHz Ant1



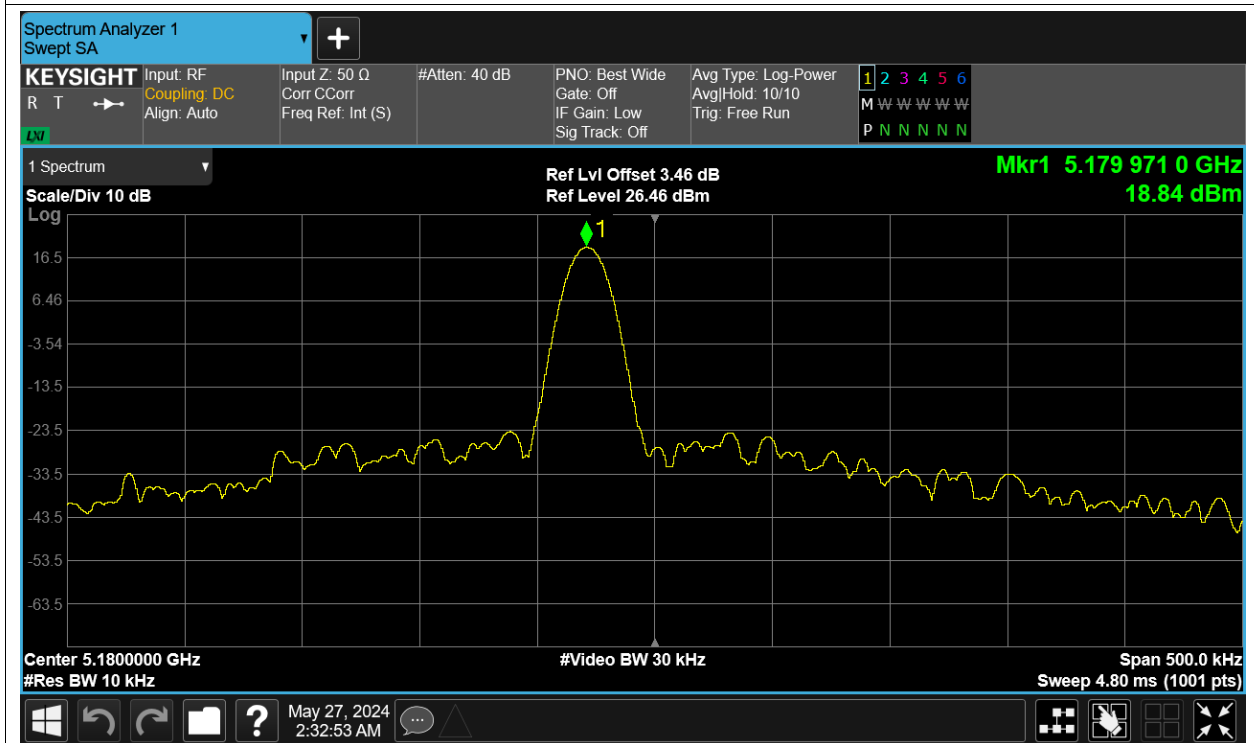
Freq. Stability LVNT a 5180MHz Ant1



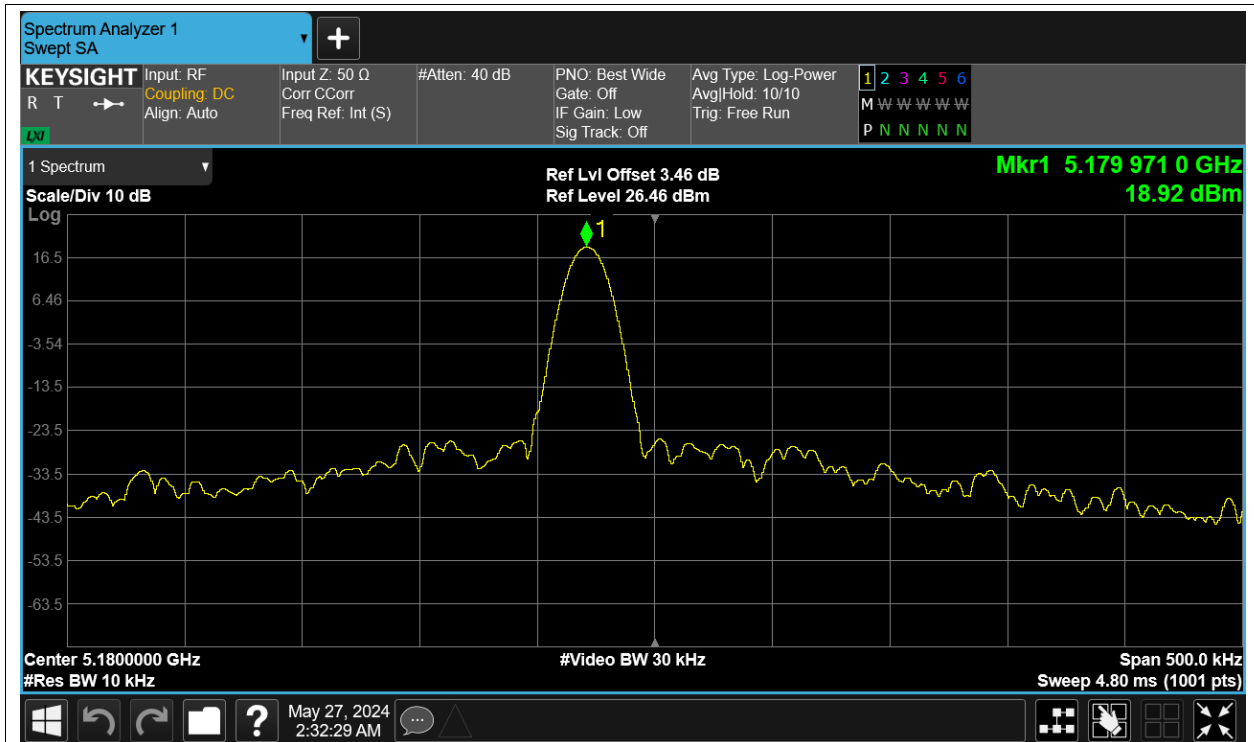
Freq. Stability NVHT a 5180MHz Ant1



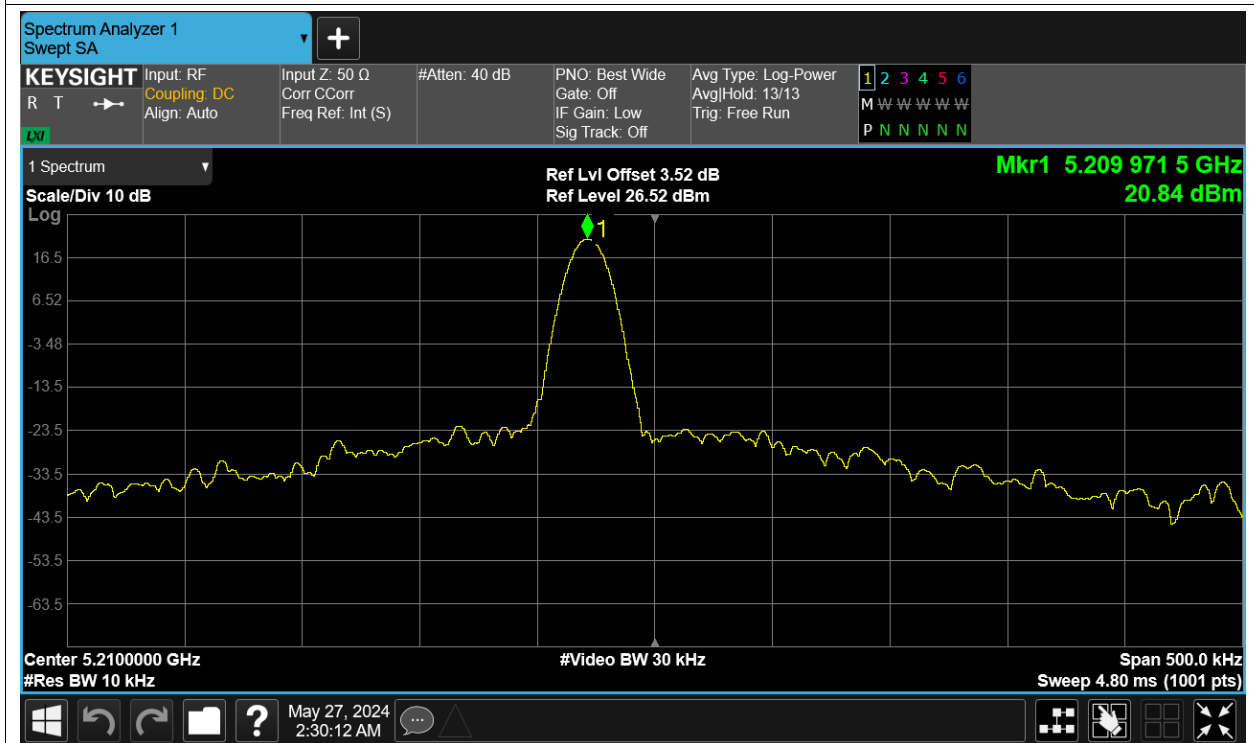
Freq. Stability NVLT a 5180MHz Ant1



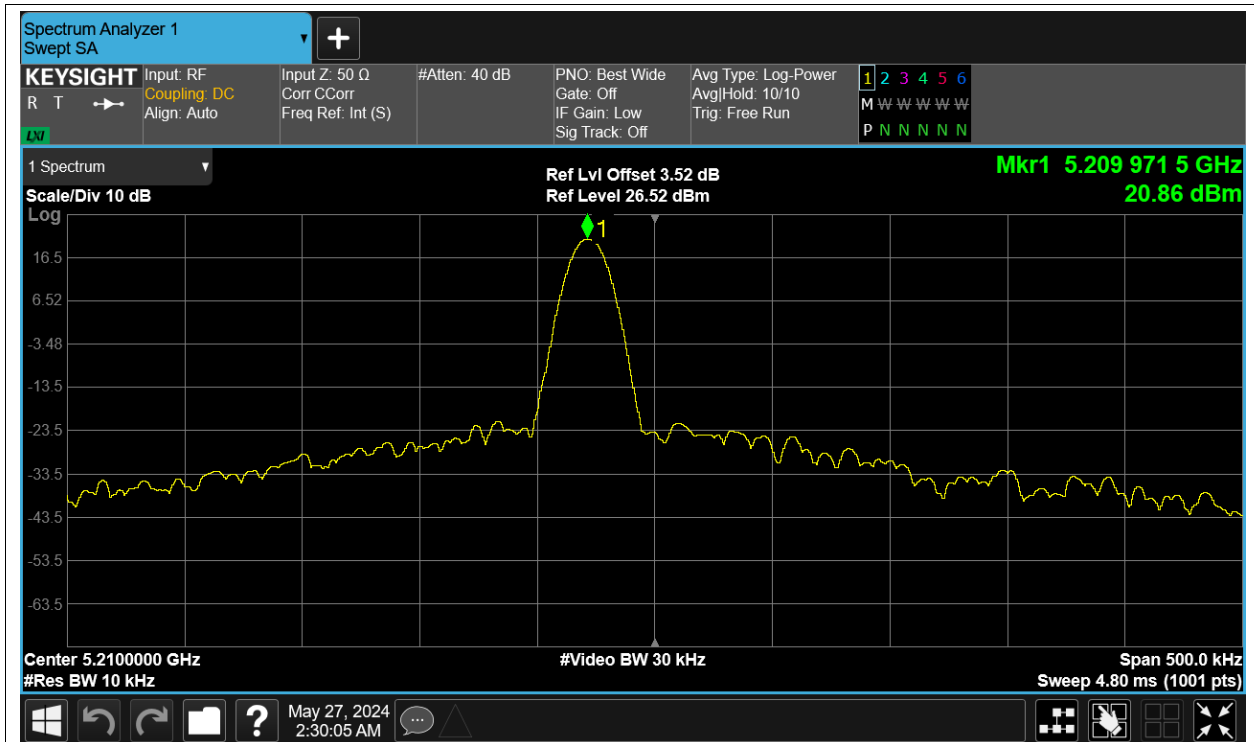
Freq. Stability NVNT a 5180MHz Ant1



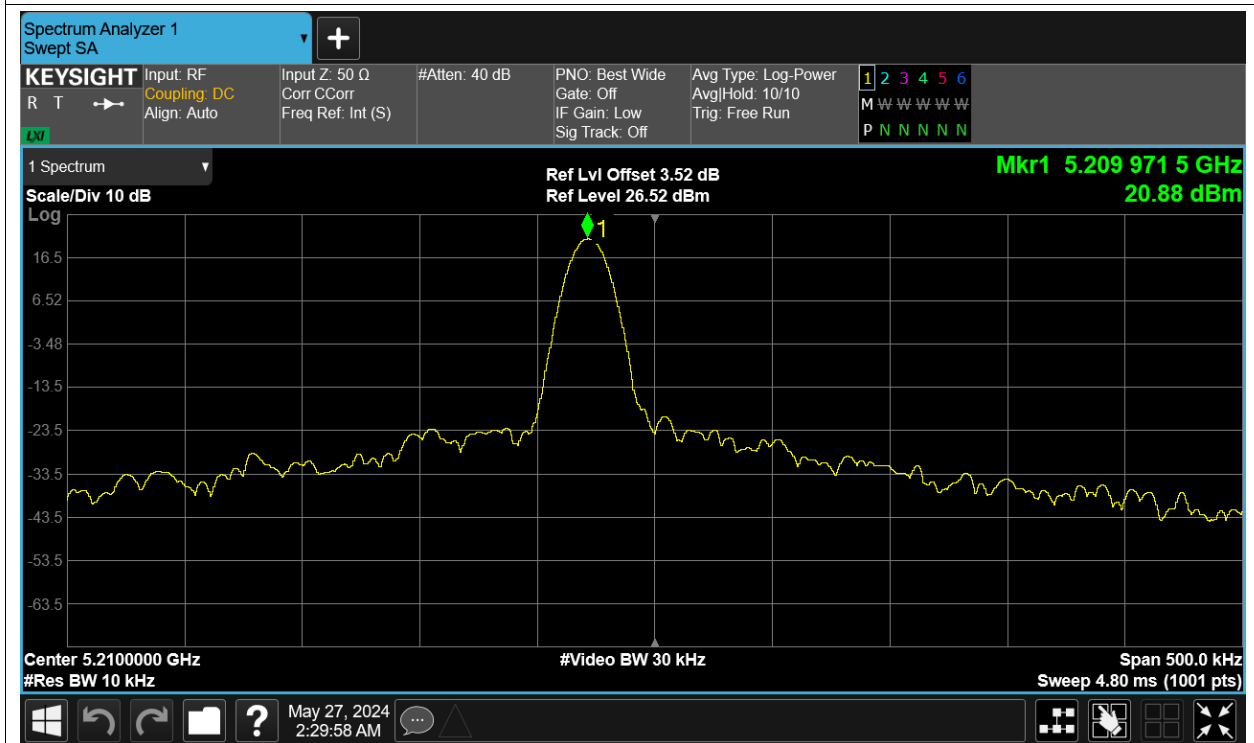
Freq. Stability HVNT ac80 5210MHz Ant1



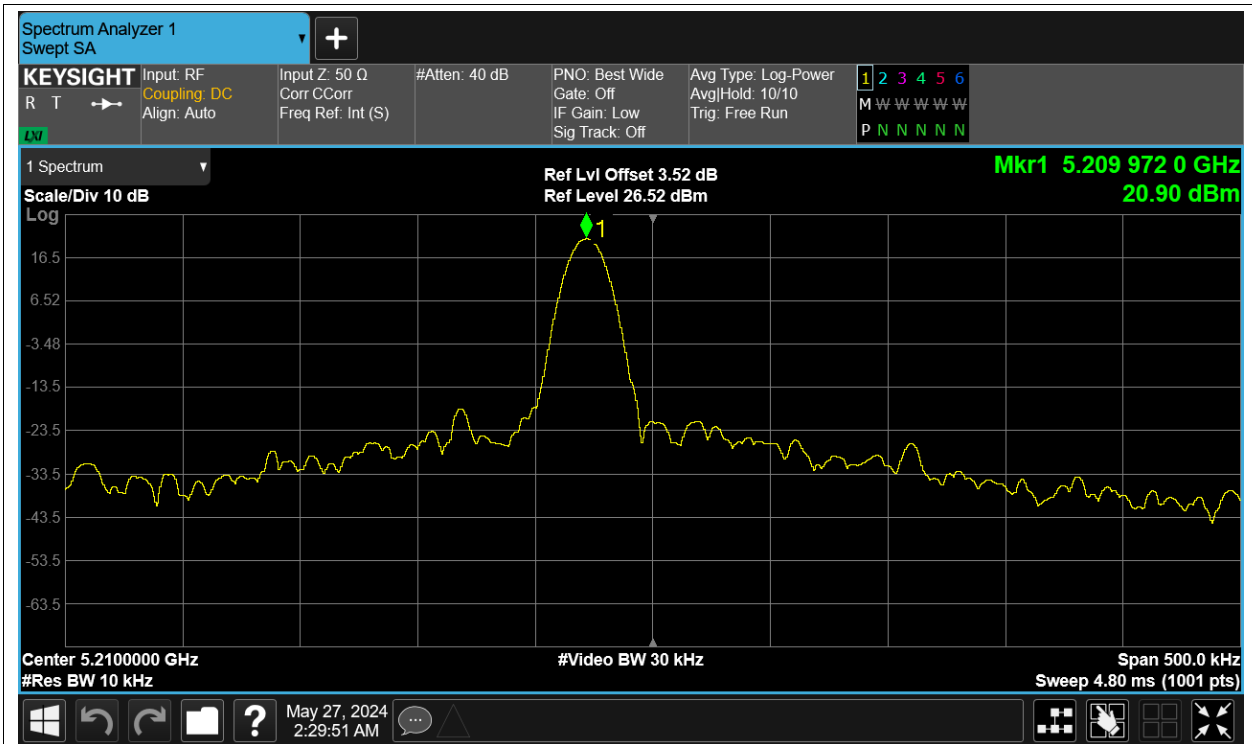
Freq. Stability LVNT ac80 5210MHz Ant1



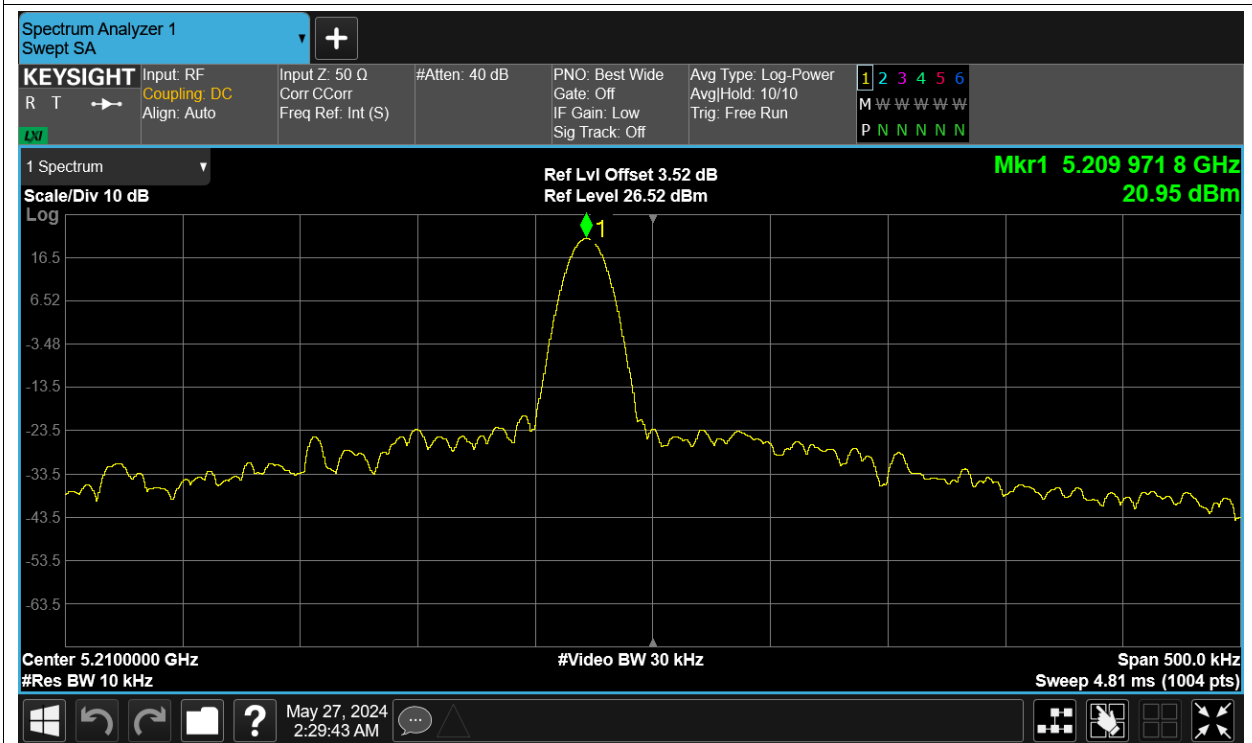
Freq. Stability NVHT ac80 5210MHz Ant1



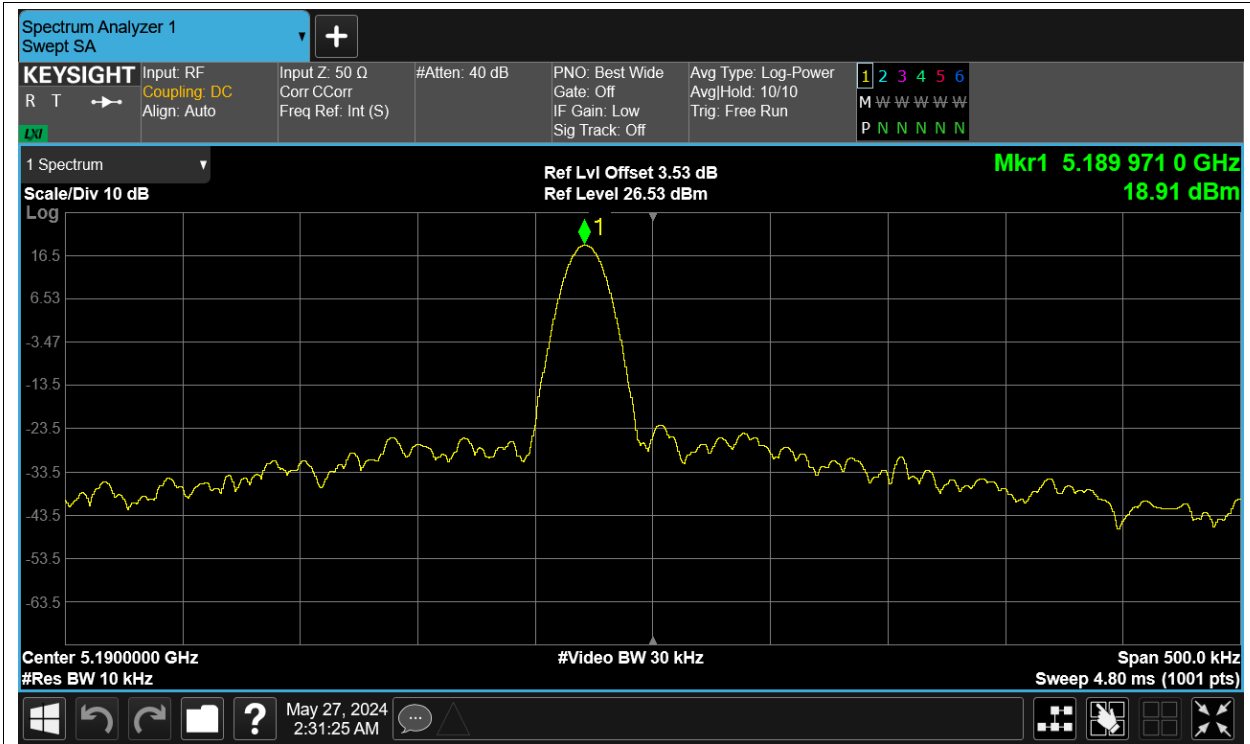
Freq. Stability NVLT ac80 5210MHz Ant1



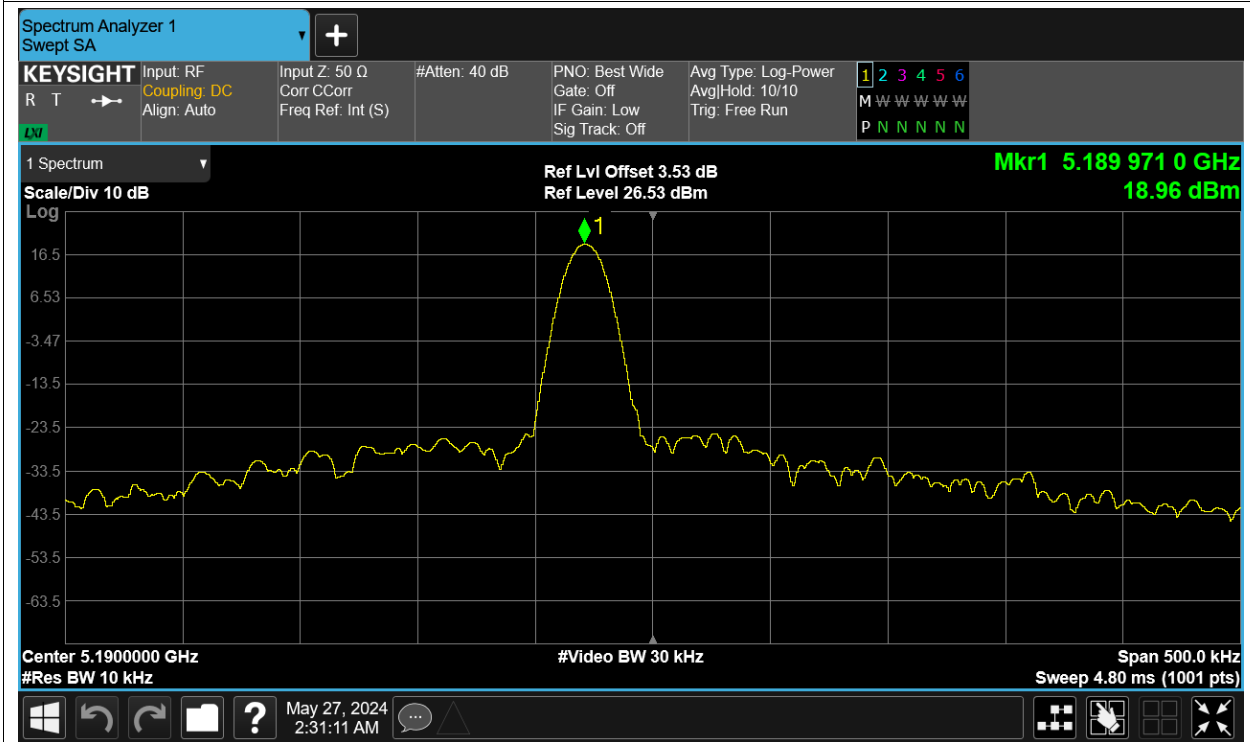
Freq. Stability NVNT ac80 5210MHz Ant1



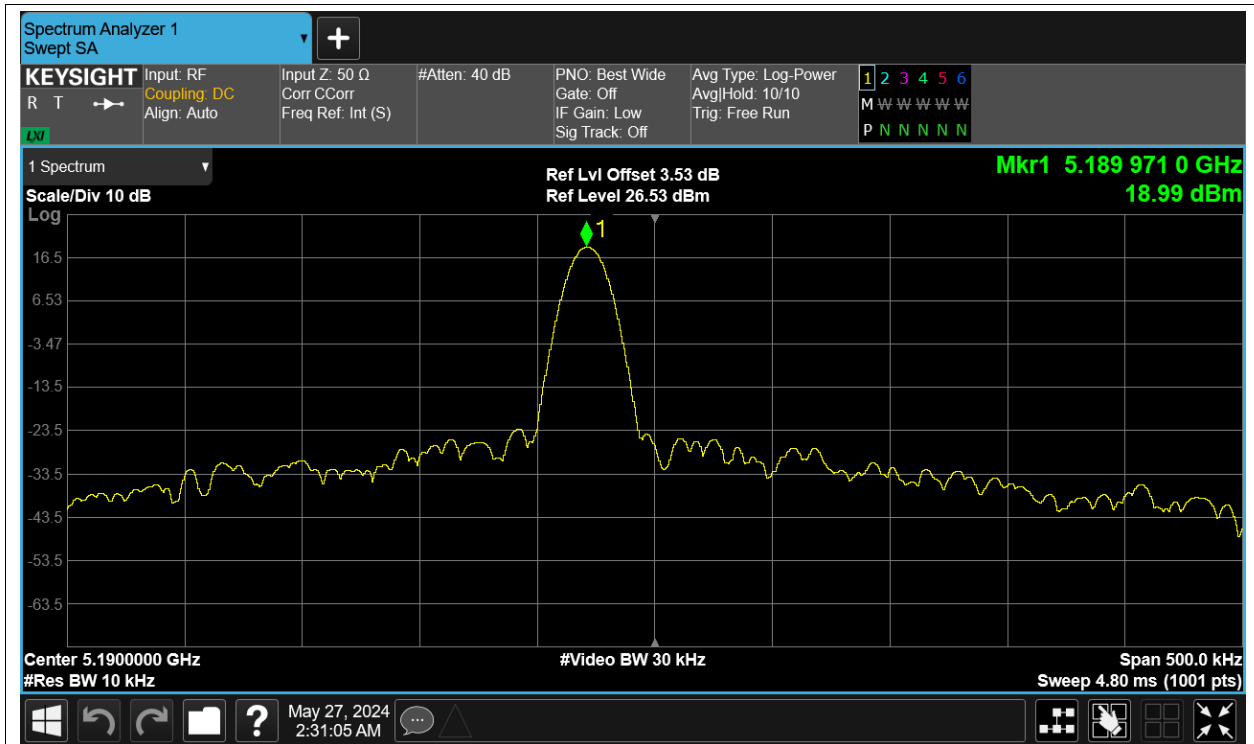
Freq. Stability HVNT n40 5190MHz Ant1



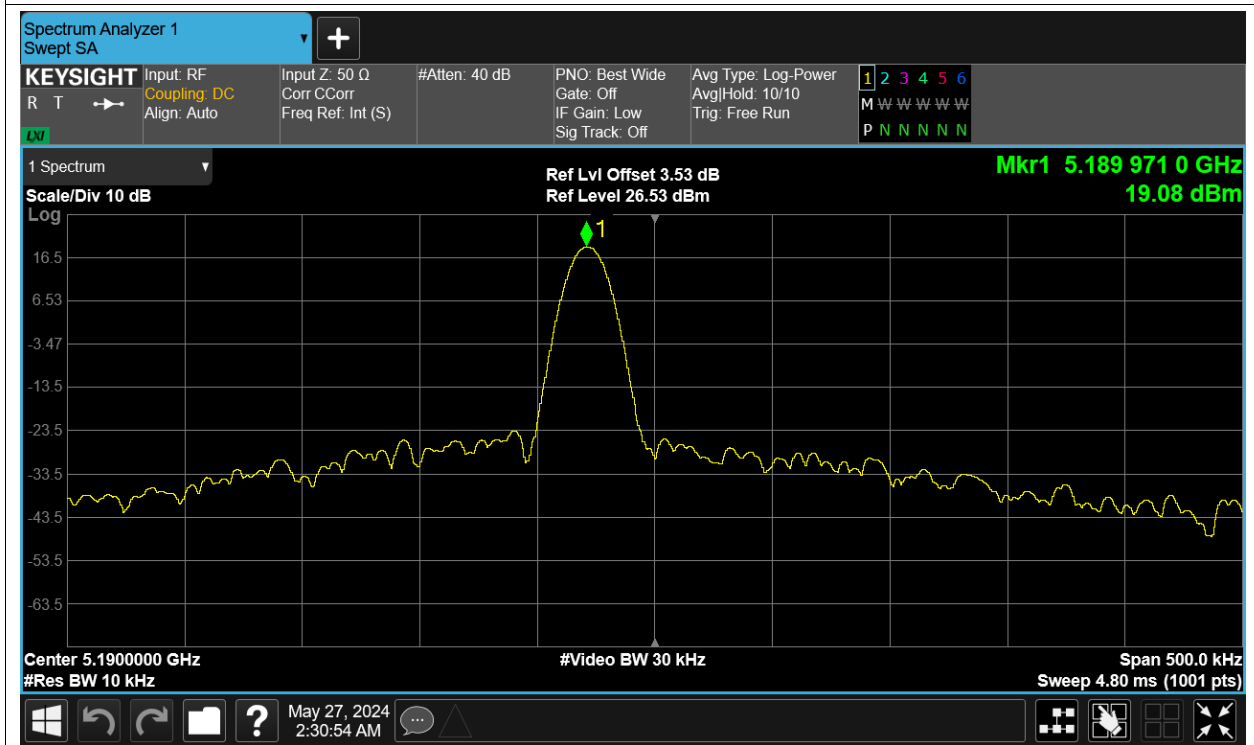
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1

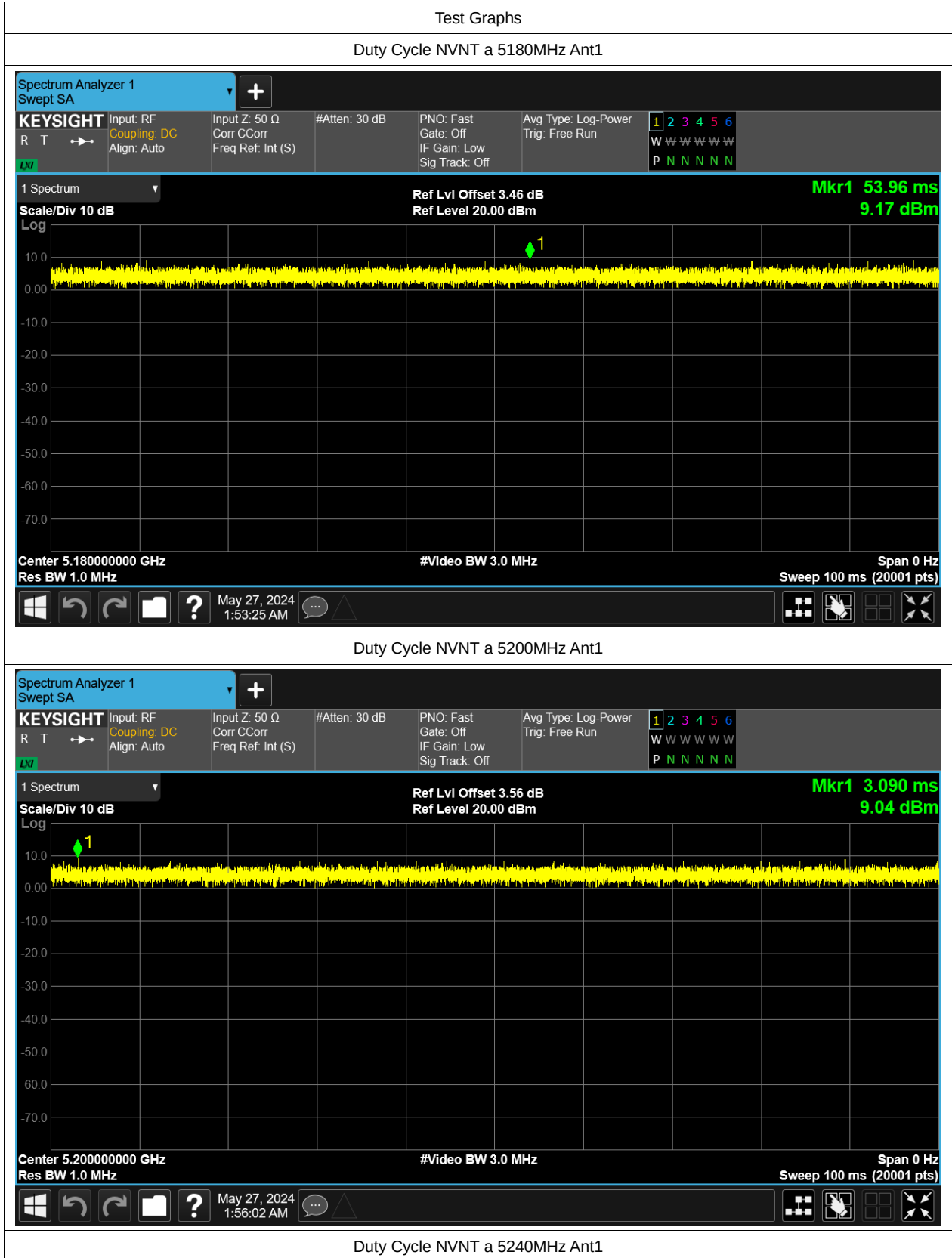


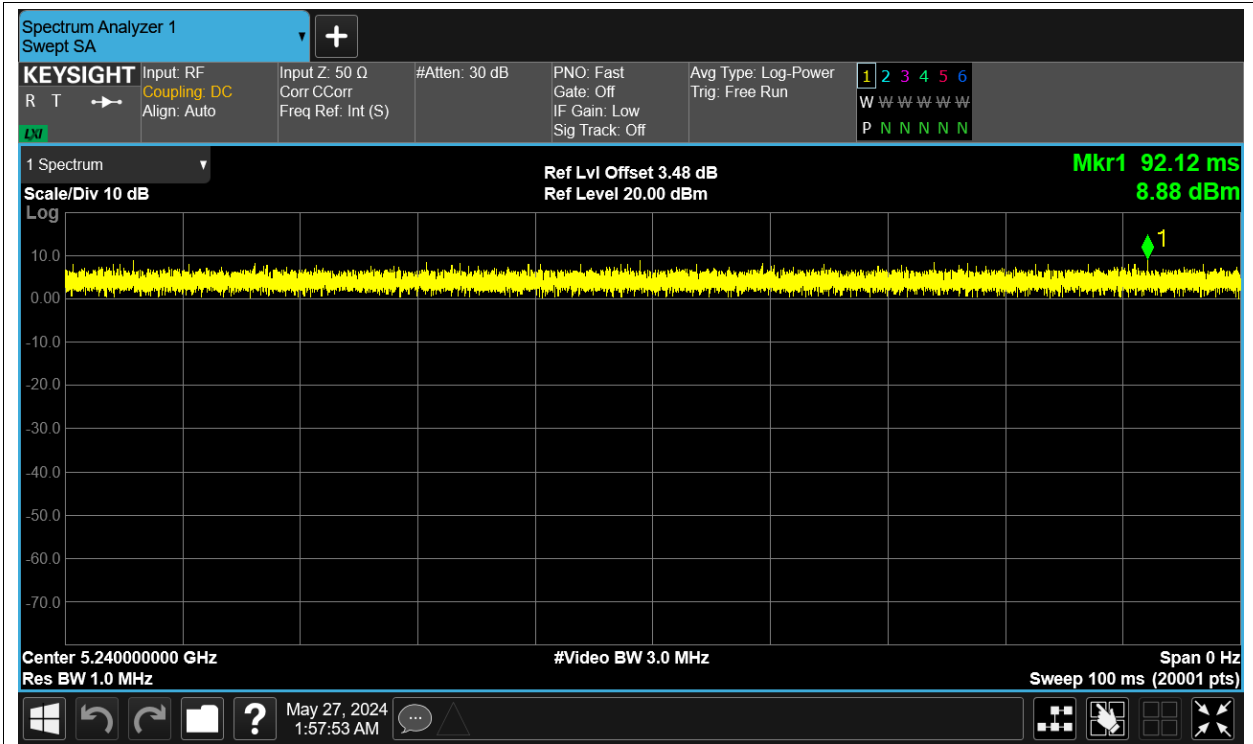
Freq. Stability NVNT n40 5190MHz Ant1



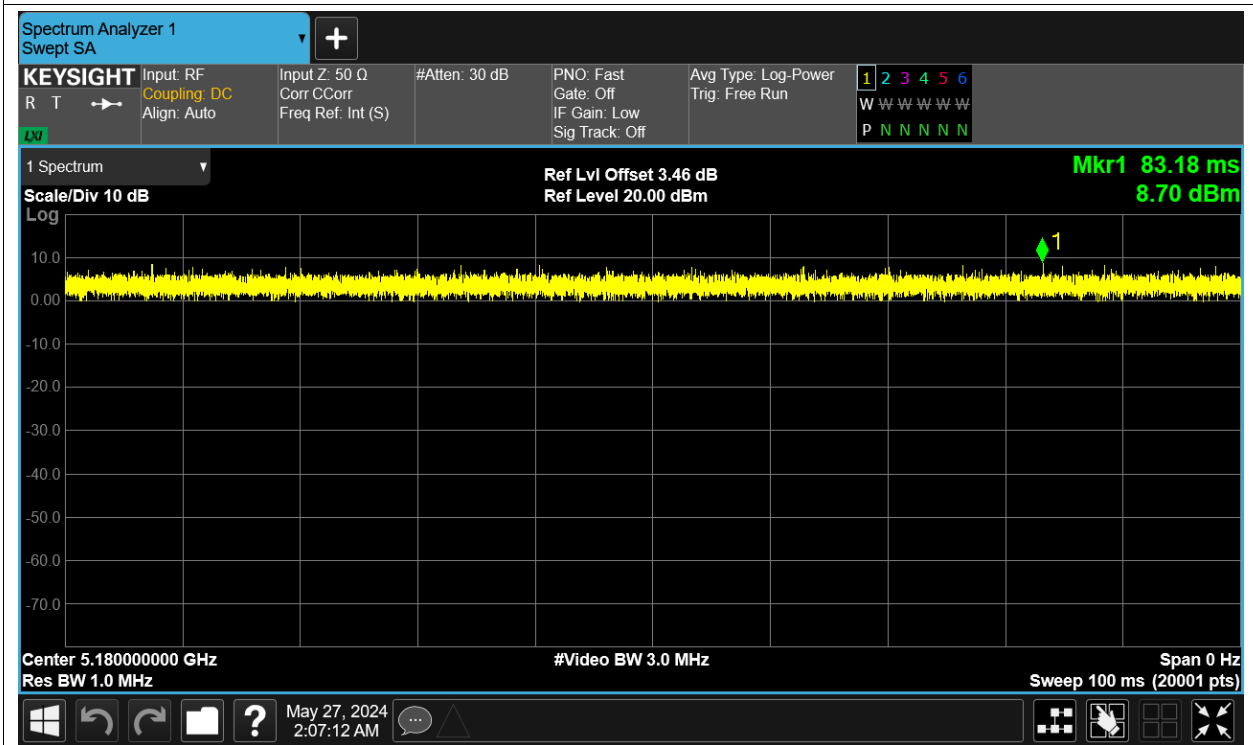
Duty Cycle

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	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0
NVNT	n20	5180	Ant1	100	0
NVNT	n20	5200	Ant1	100	0
NVNT	n20	5240	Ant1	100	0
NVNT	n40	5190	Ant1	100	0
NVNT	n40	5230	Ant1	100	0

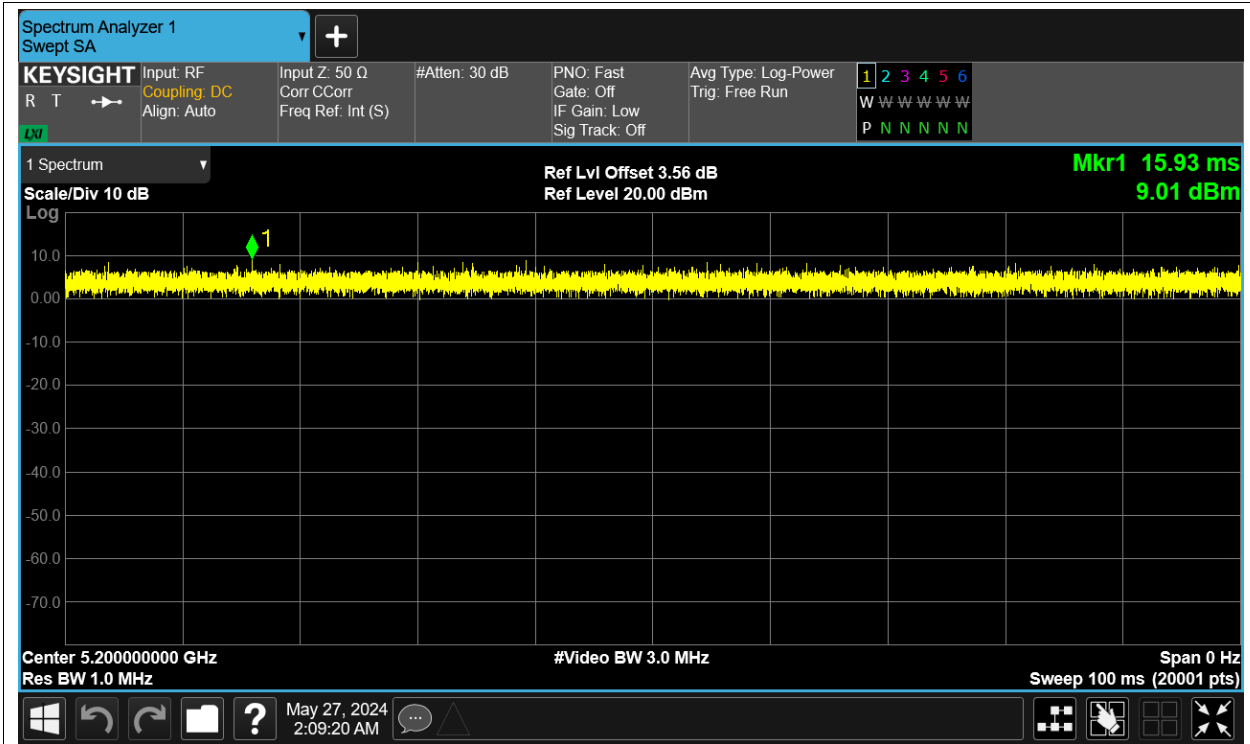




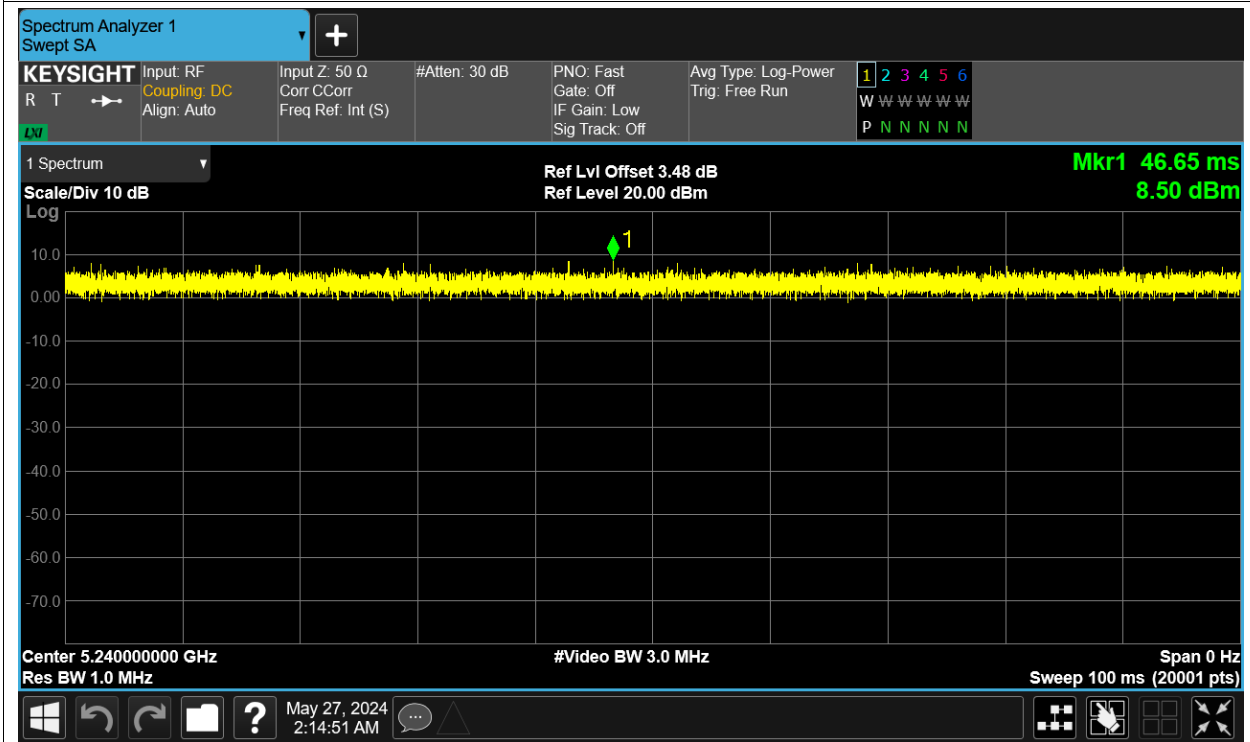
Duty Cycle NVNT ac20 5180MHz Ant1



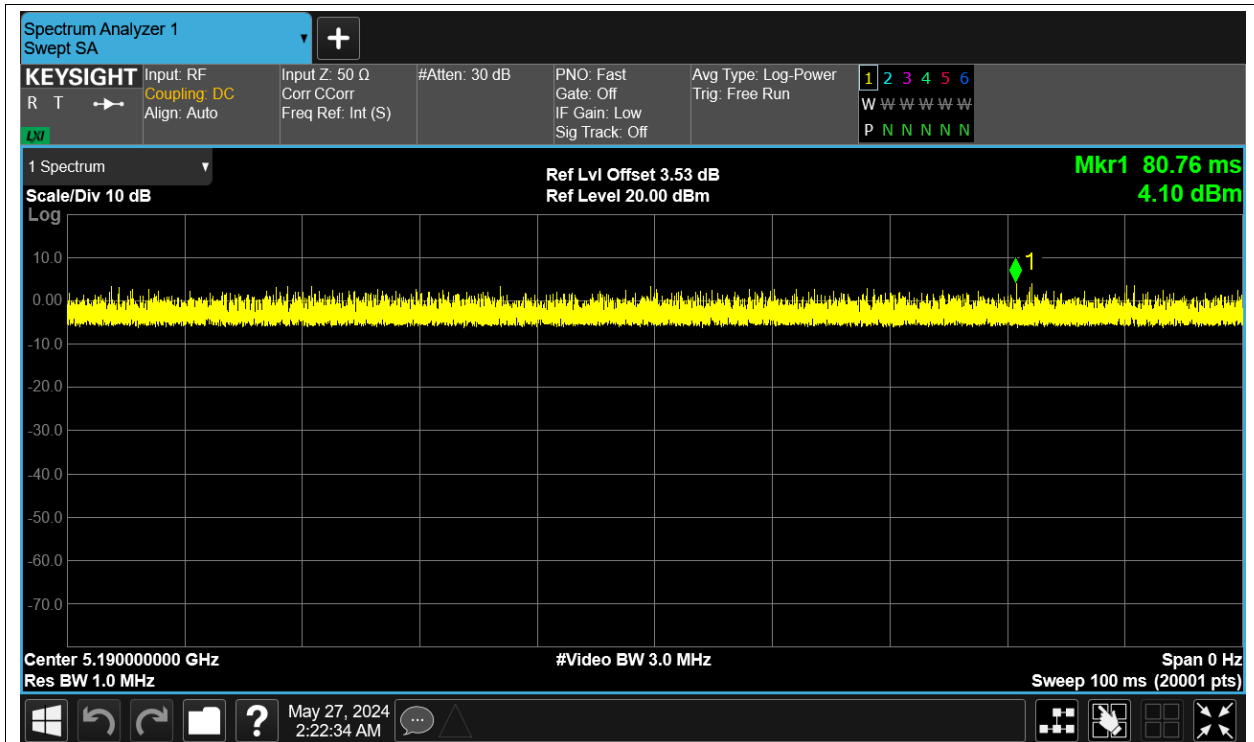
Duty Cycle NVNT ac20 5200MHz Ant1



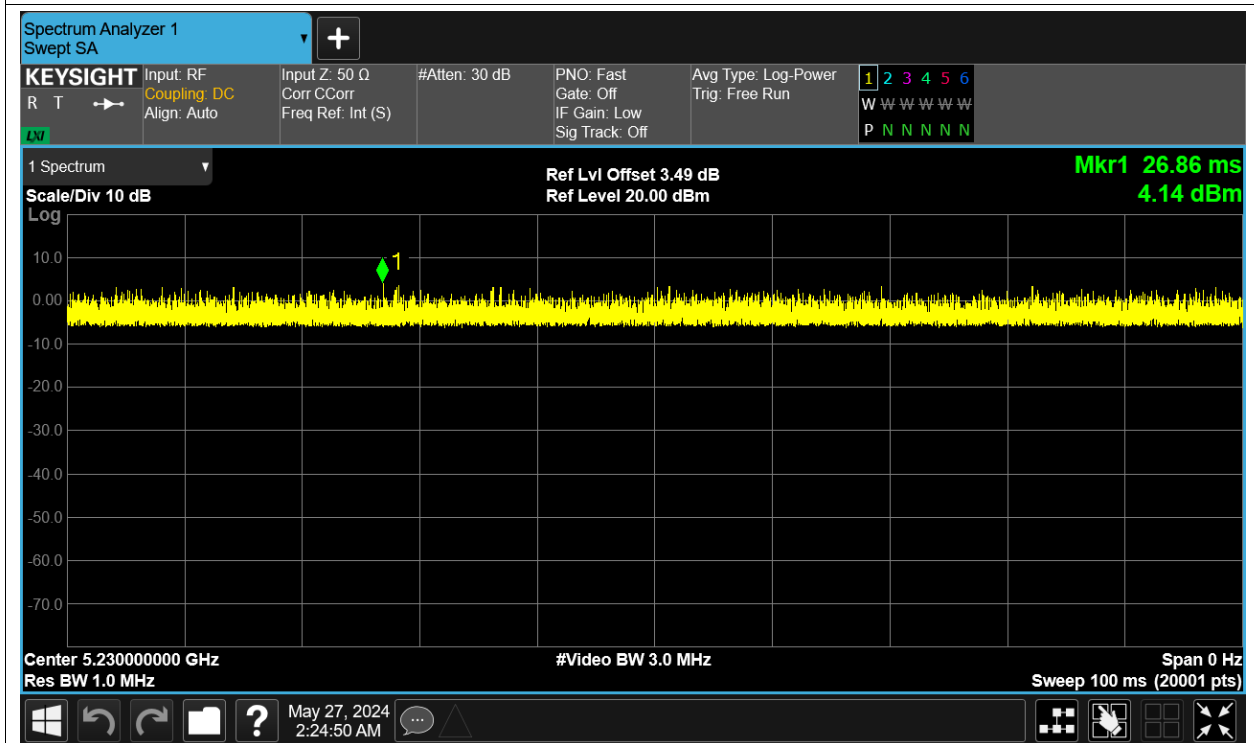
Duty Cycle NVNT ac20 5240MHz Ant1



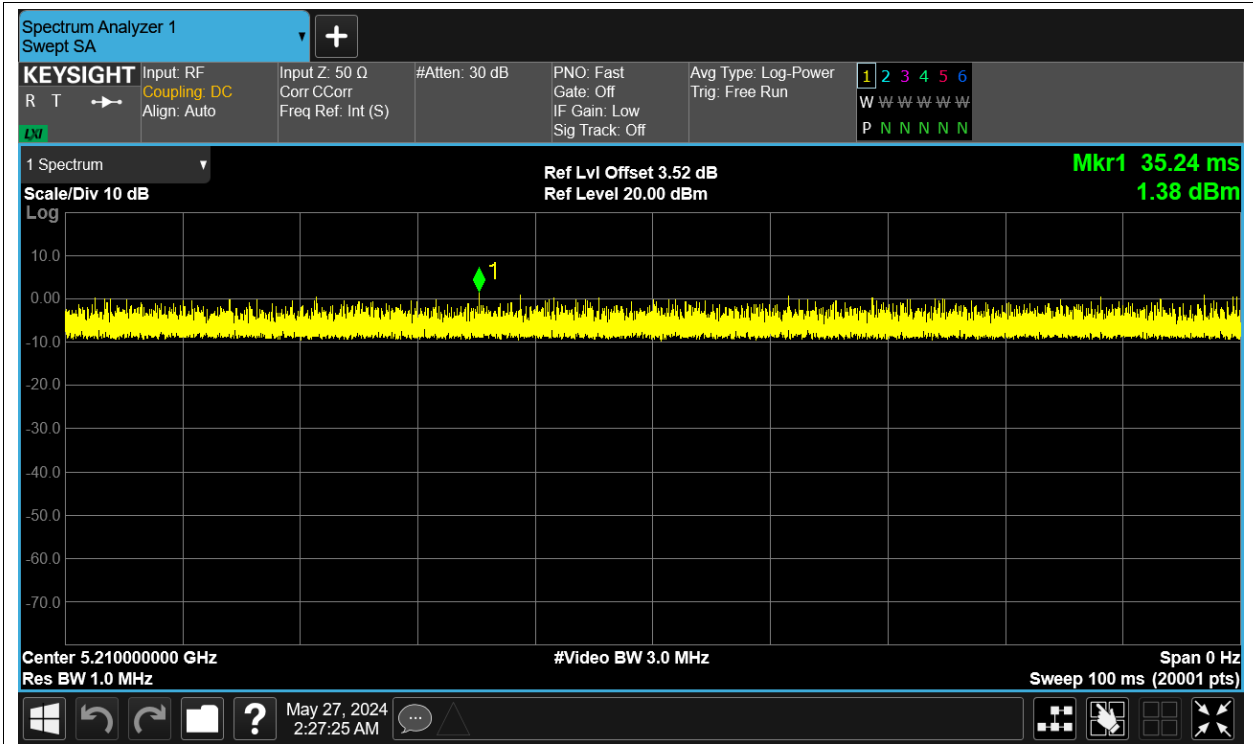
Duty Cycle NVNT ac40 5190MHz Ant1



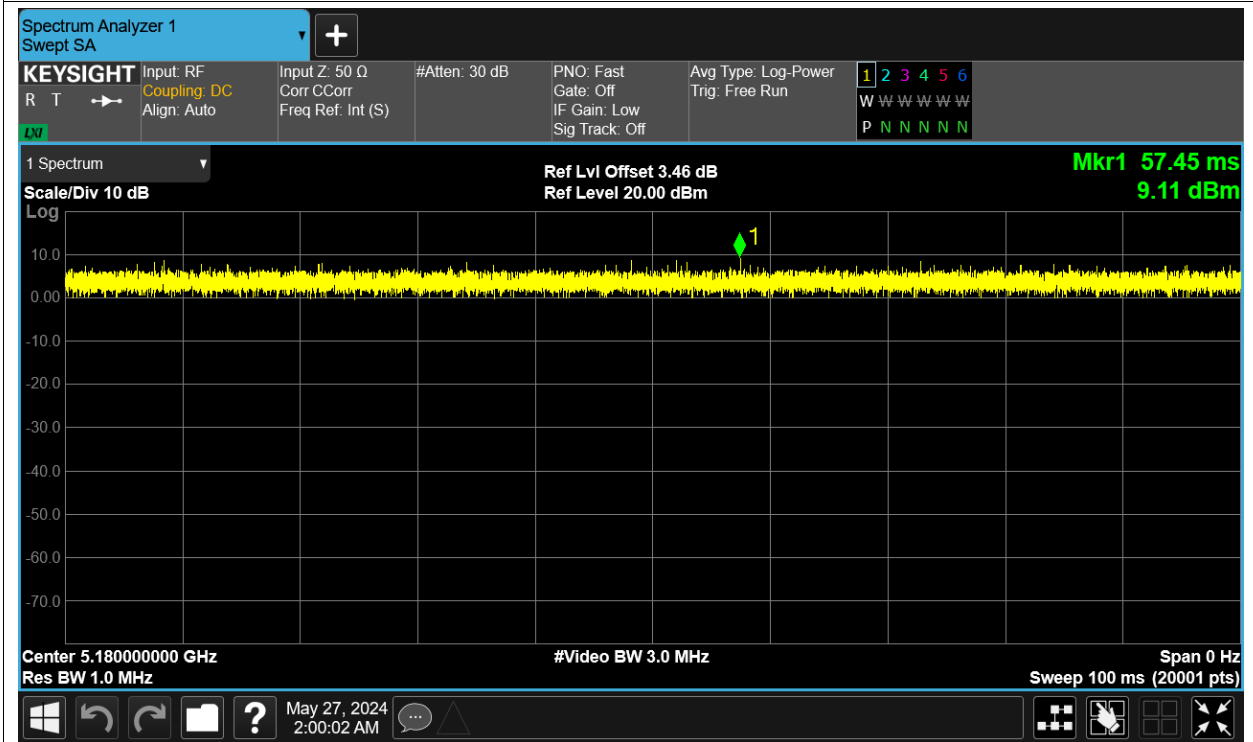
Duty Cycle NVNT ac40 5230MHz Ant1



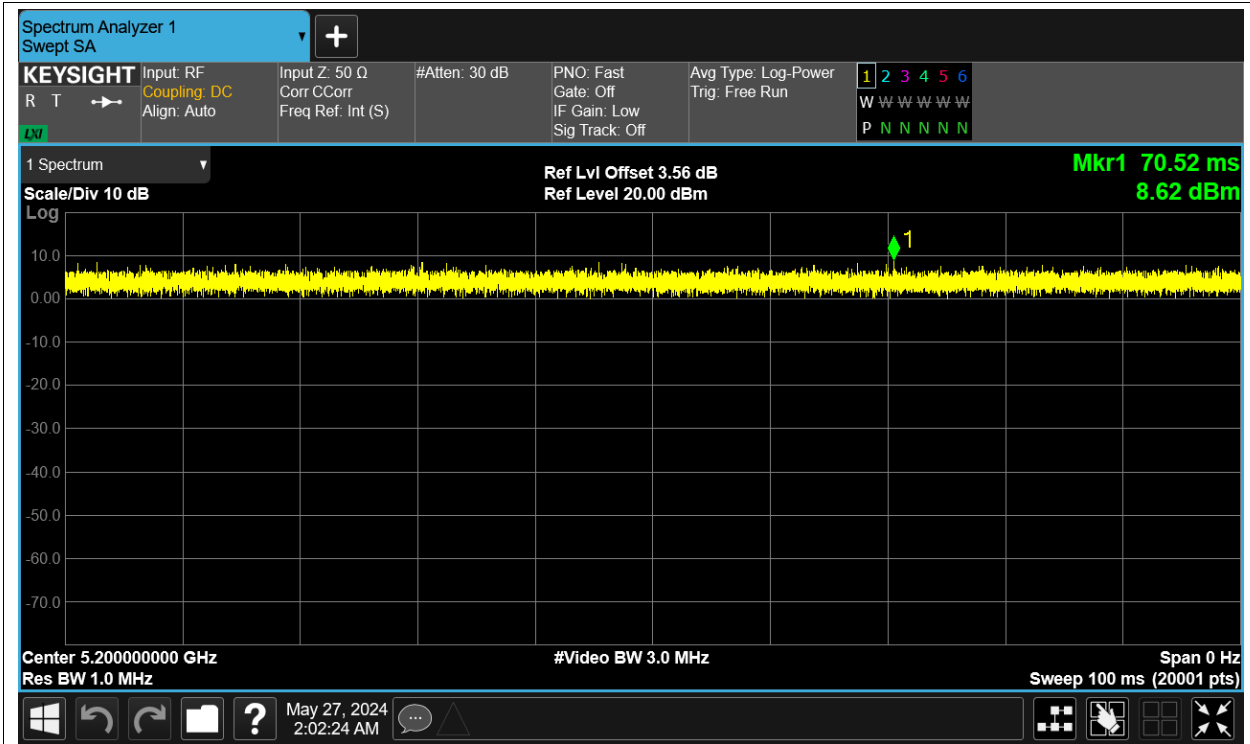
Duty Cycle NVNT ac80 5210MHz Ant1



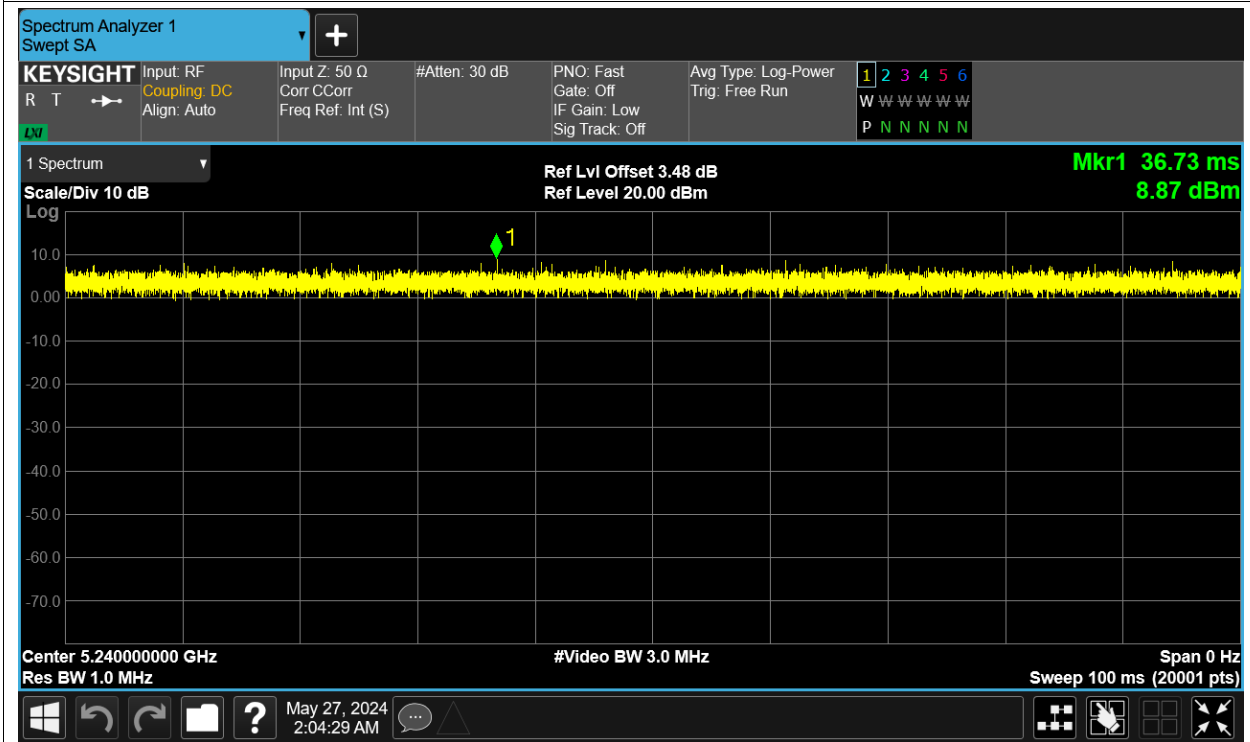
Duty Cycle NVNT n20 5180MHz Ant1



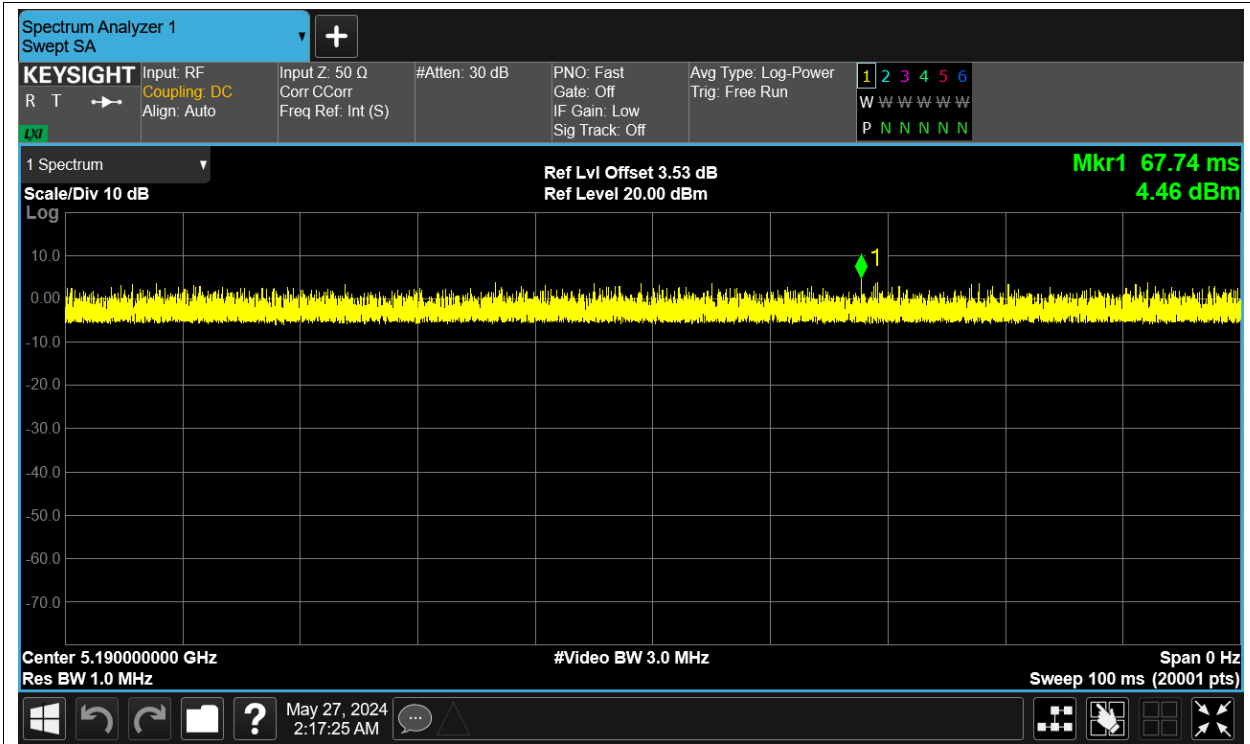
Duty Cycle NVNT n20 5200MHz Ant1



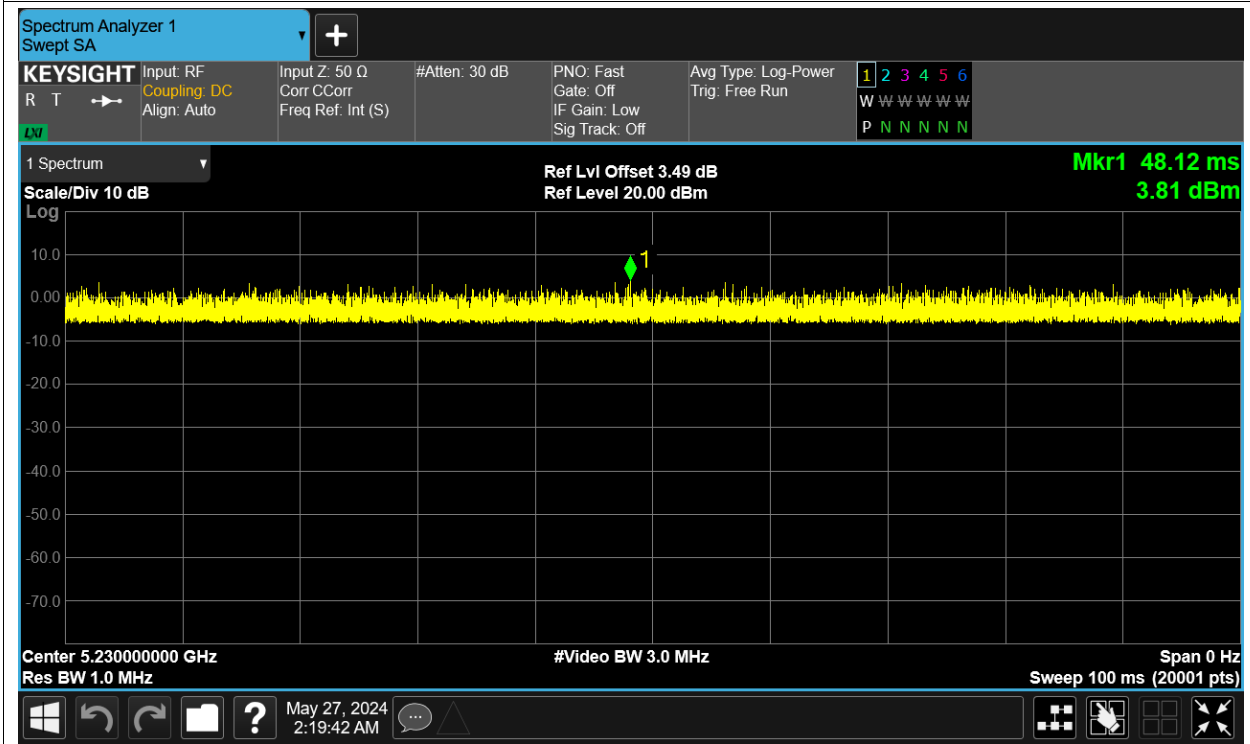
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

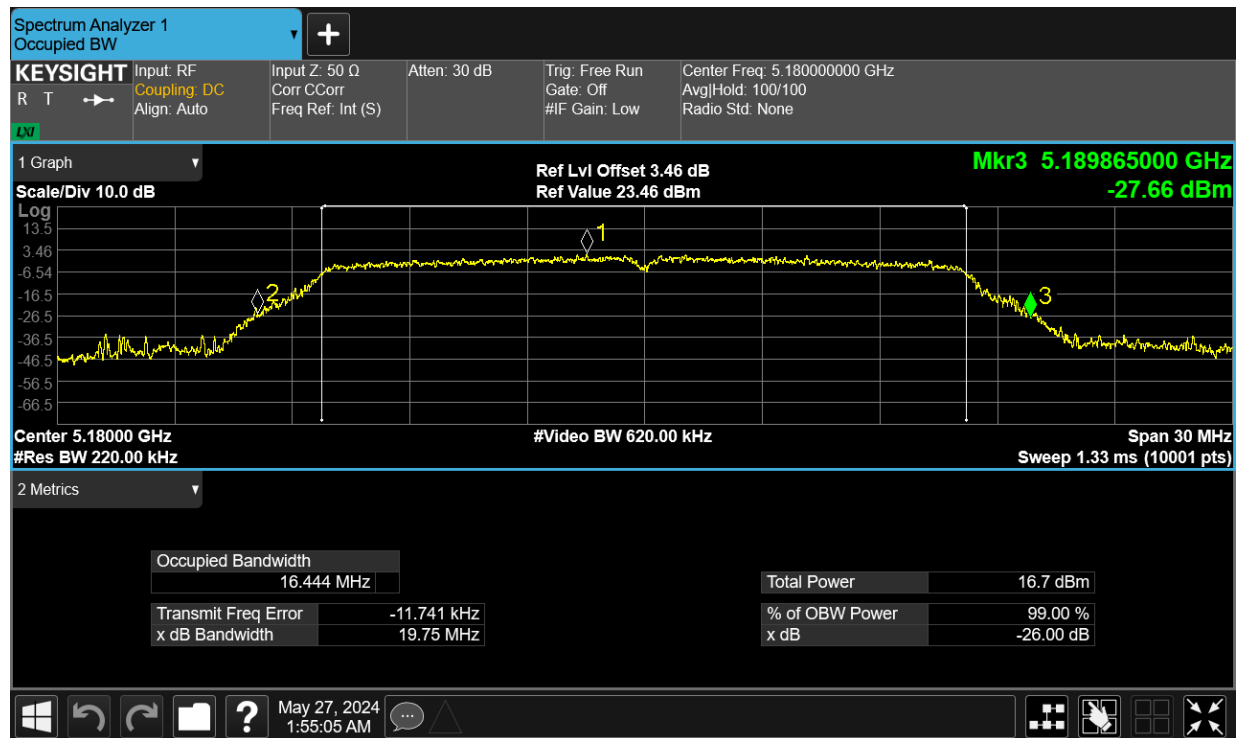
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.58	0	11.58	24	Pass
NVNT	a	5200	Ant1	11.67	0	11.67	24	Pass
NVNT	a	5240	Ant1	11.01	0	11.01	24	Pass
NVNT	ac20	5180	Ant1	11.02	0	11.02	24	Pass
NVNT	ac20	5200	Ant1	11.41	0	11.41	24	Pass
NVNT	ac20	5240	Ant1	10.33	0	10.33	24	Pass
NVNT	ac40	5190	Ant1	6.49	0	6.49	24	Pass
NVNT	ac40	5230	Ant1	6.19	0	6.19	24	Pass
NVNT	ac80	5210	Ant1	4.45	0	4.45	24	Pass
NVNT	n20	5180	Ant1	11.09	0	11.09	24	Pass
NVNT	n20	5200	Ant1	11.48	0	11.48	24	Pass
NVNT	n20	5240	Ant1	10.65	0	10.65	24	Pass
NVNT	n40	5190	Ant1	6.65	0	6.65	24	Pass
NVNT	n40	5230	Ant1	6.15	0	6.15	24	Pass

-26dB Bandwidth

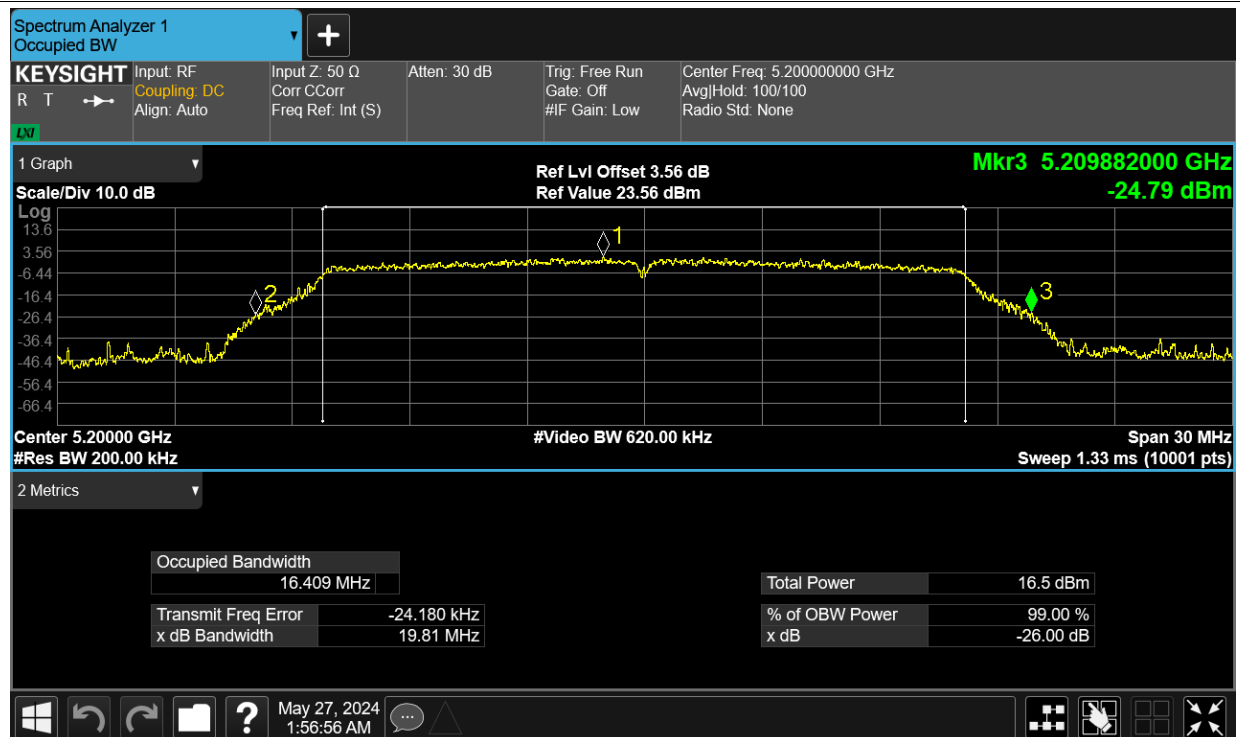
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	19.753
NVNT	a	5200	Ant1	19.812
NVNT	a	5240	Ant1	19.745
NVNT	ac20	5180	Ant1	20.101
NVNT	ac20	5200	Ant1	20.121
NVNT	ac20	5240	Ant1	20.179
NVNT	ac40	5190	Ant1	39.21
NVNT	ac40	5230	Ant1	39.584
NVNT	ac80	5210	Ant1	78.945
NVNT	n20	5180	Ant1	20.248
NVNT	n20	5200	Ant1	20.197
NVNT	n20	5240	Ant1	20.216
NVNT	n40	5190	Ant1	39.437
NVNT	n40	5230	Ant1	39.656

Test Graphs

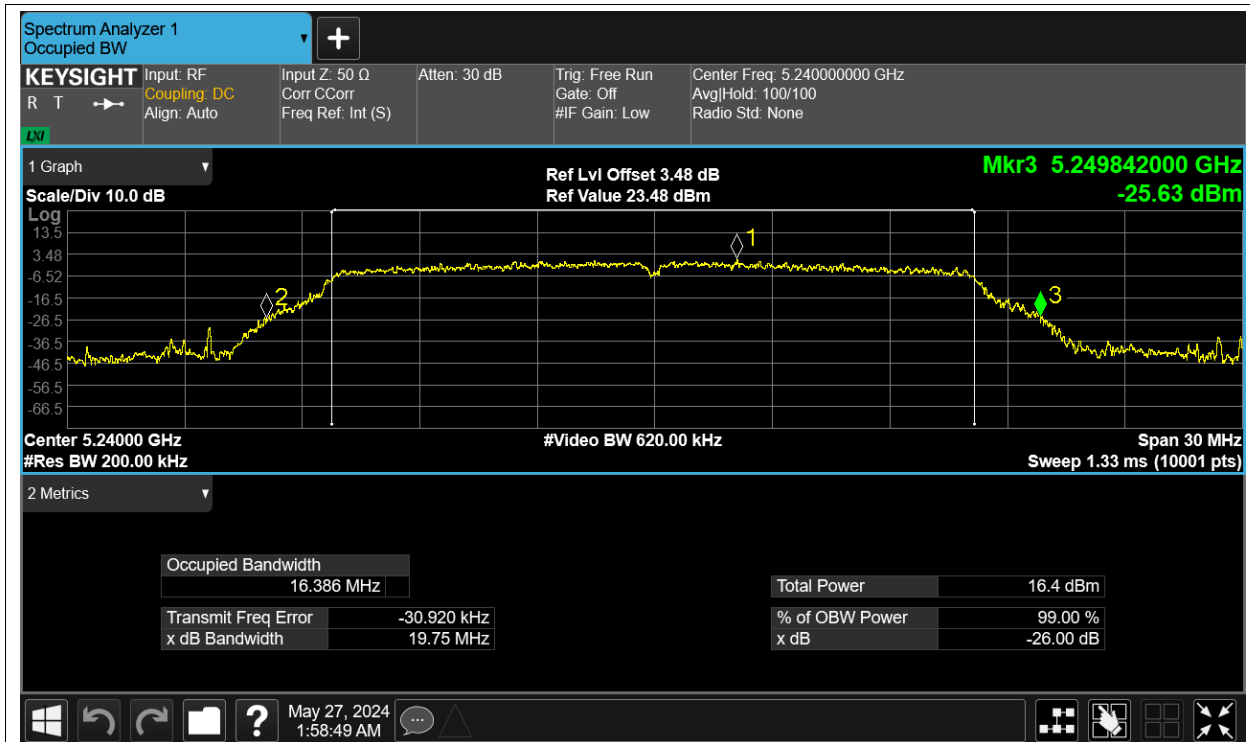
-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



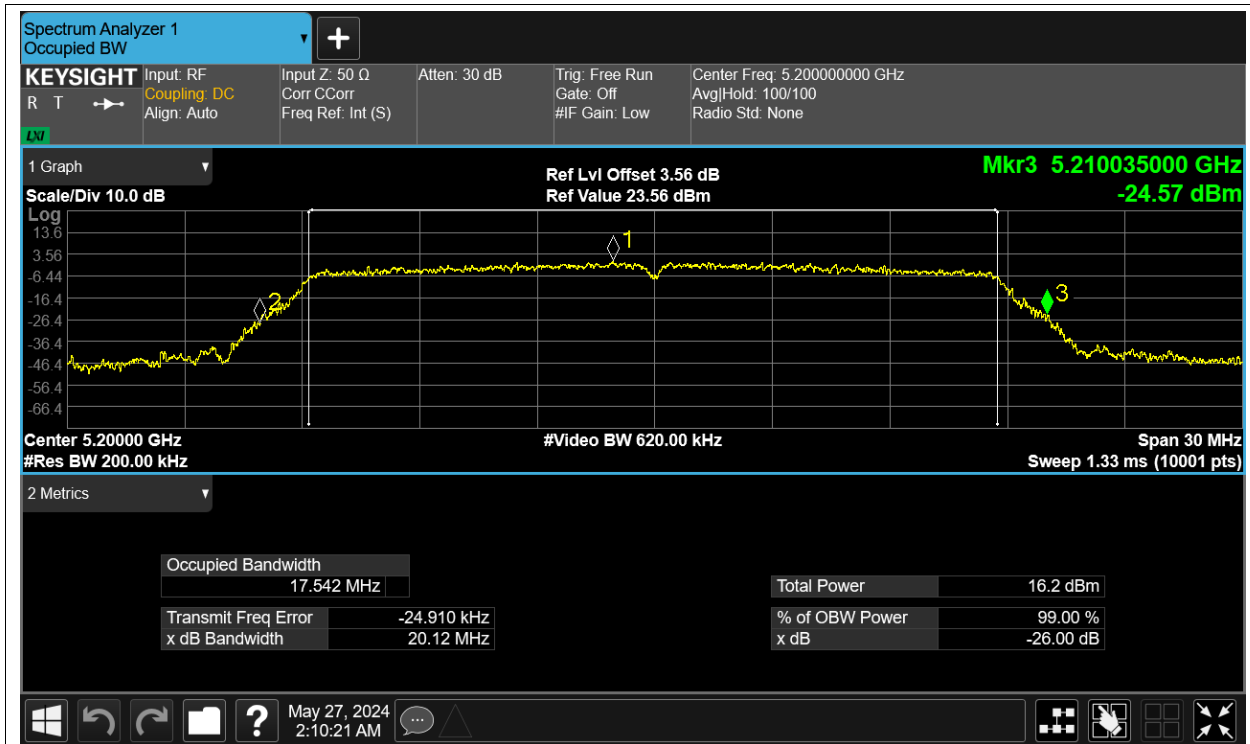
-26dB Bandwidth NVNT a 5240MHz Ant1



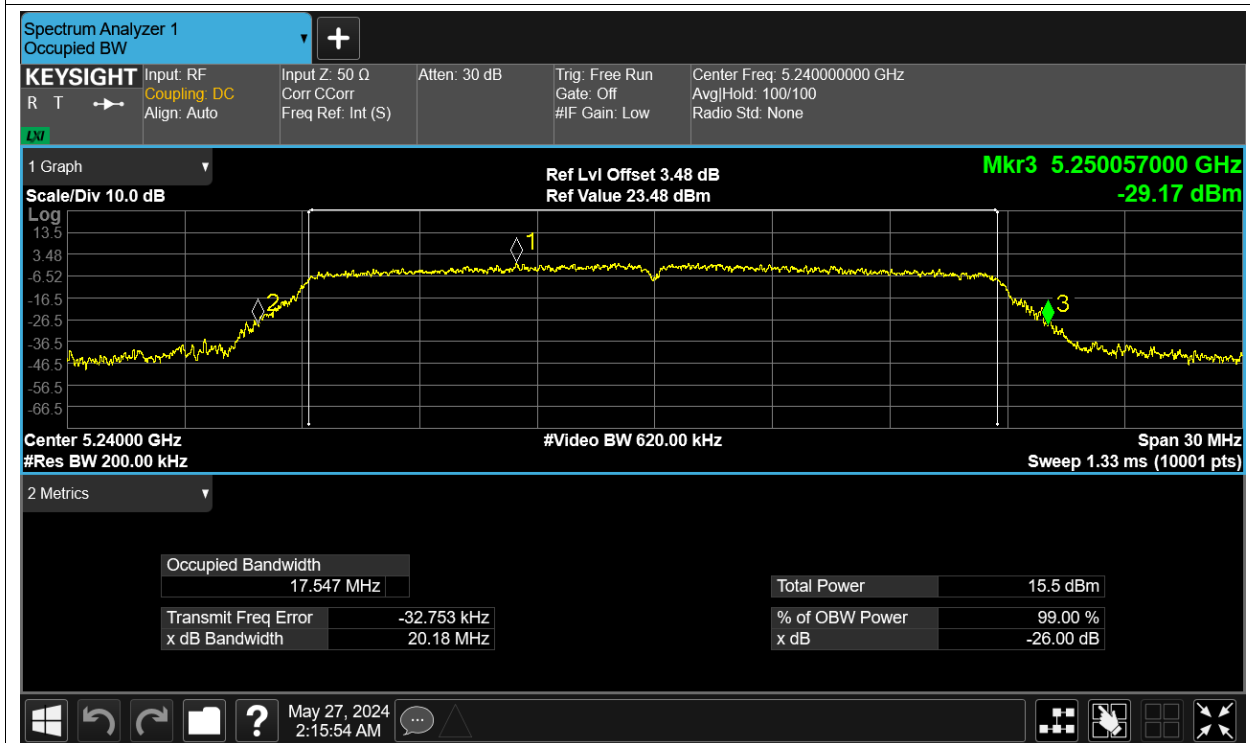
-26dB Bandwidth NVNT ac20 5180MHz Ant1



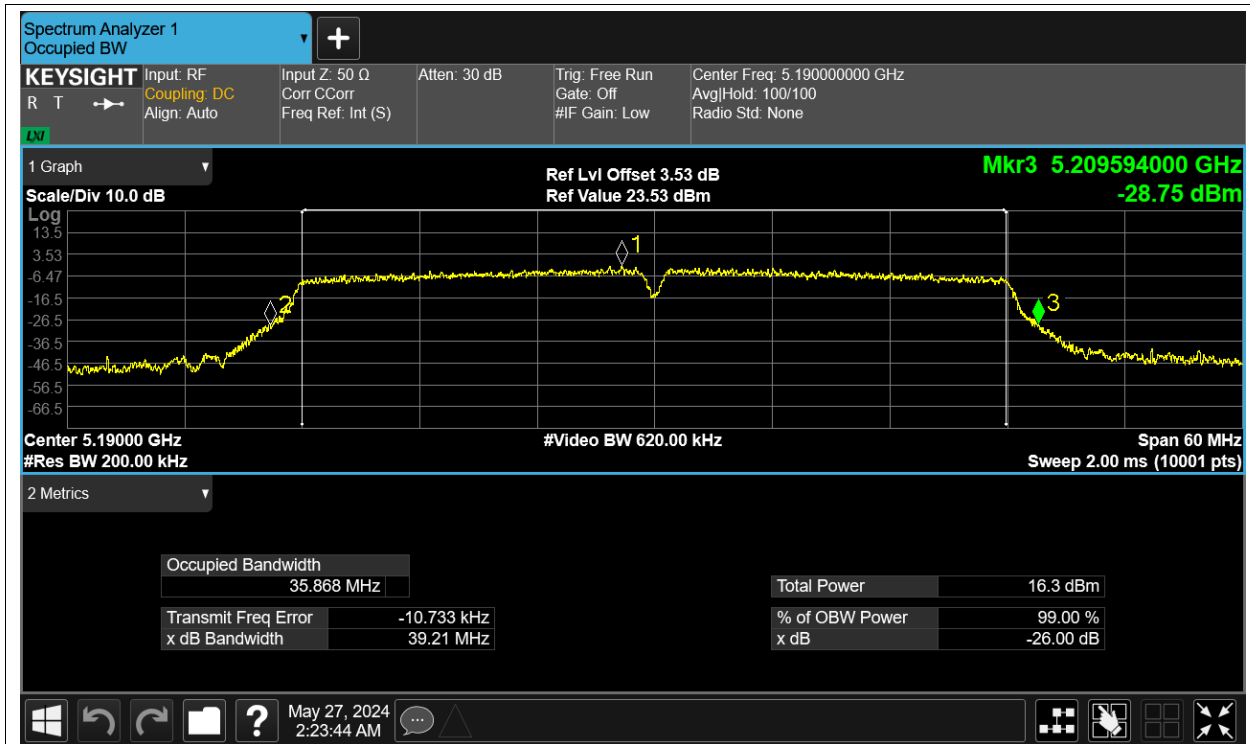
-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



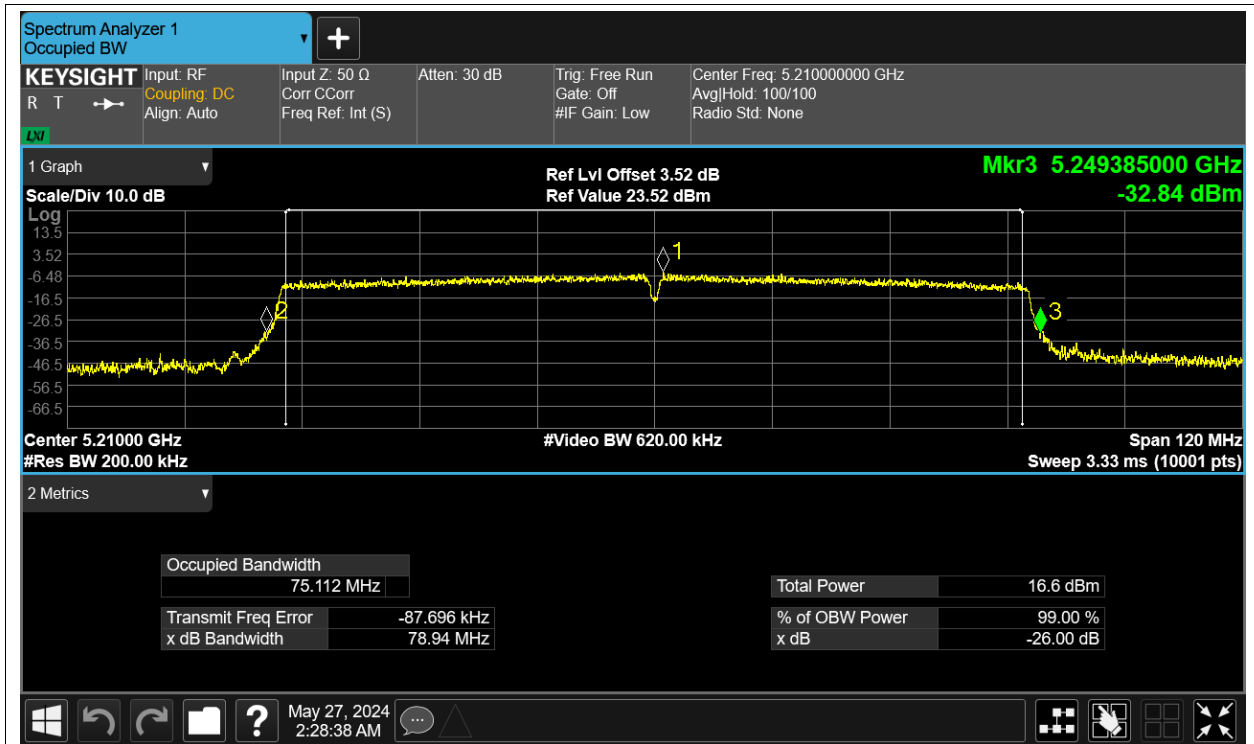
-26dB Bandwidth NVNT ac40 5190MHz Ant1



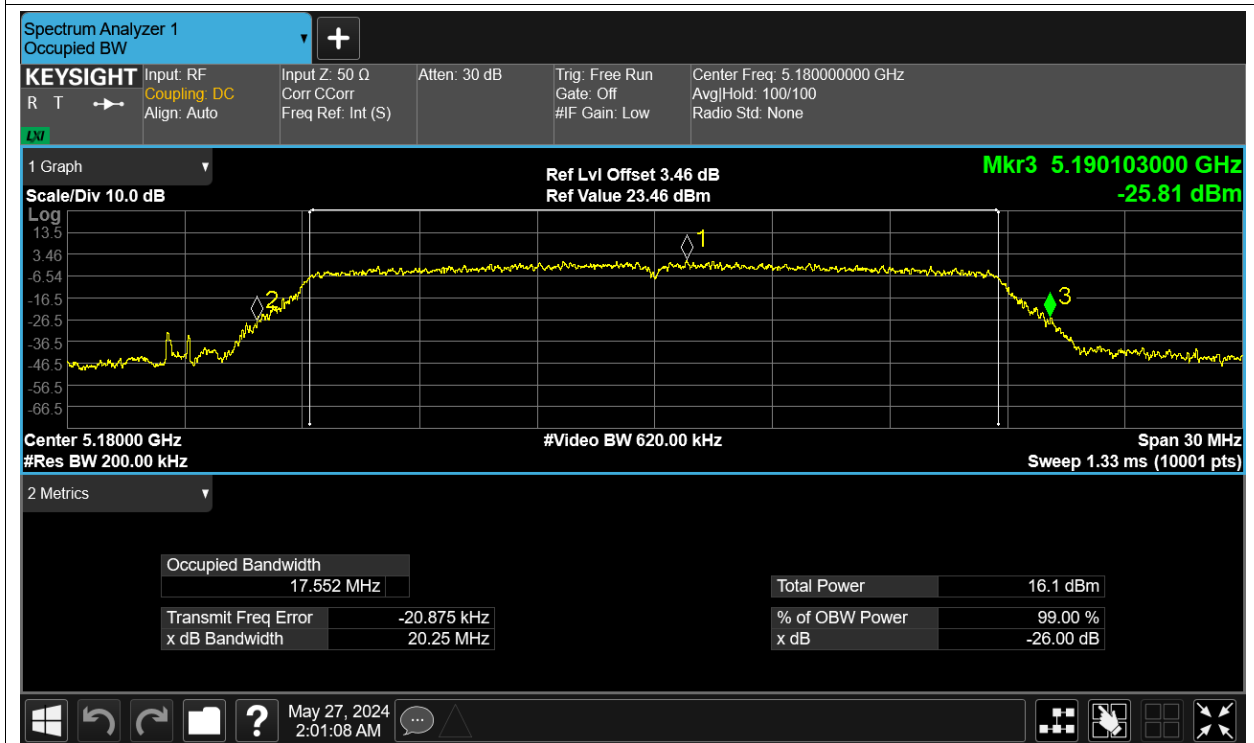
-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



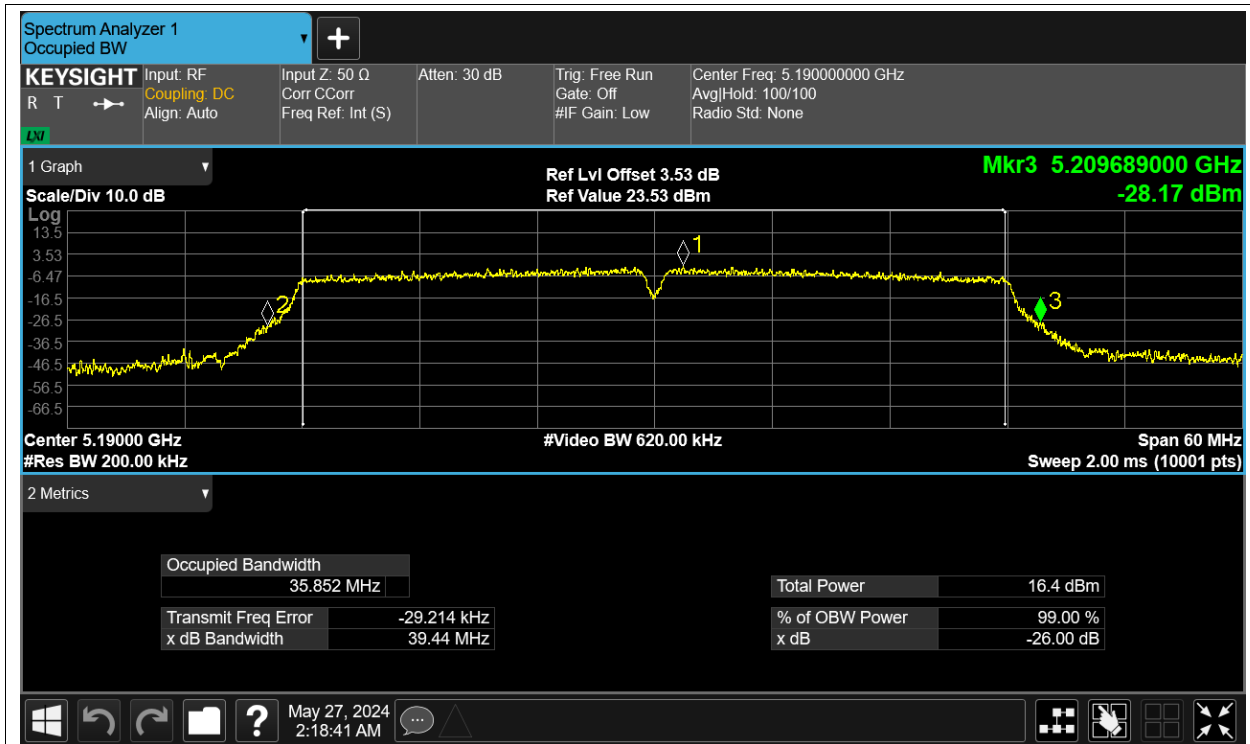
-26dB Bandwidth NVNT n20 5200MHz Ant1



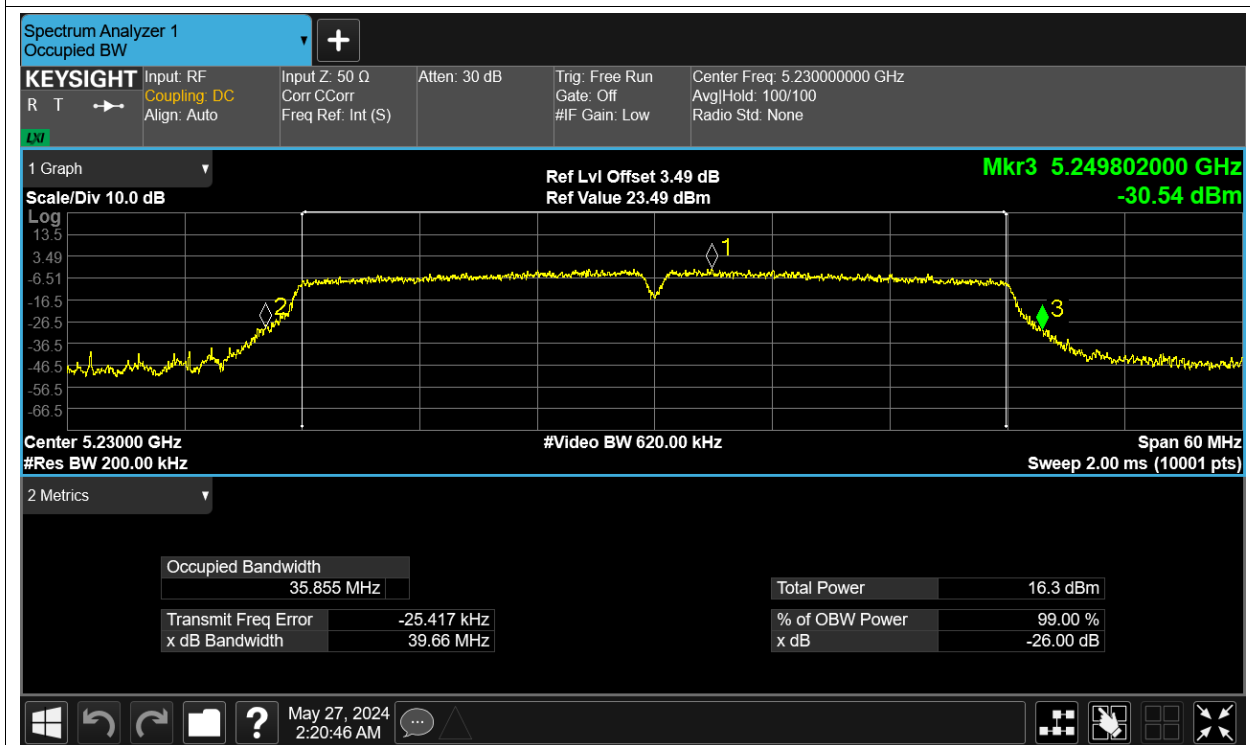
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

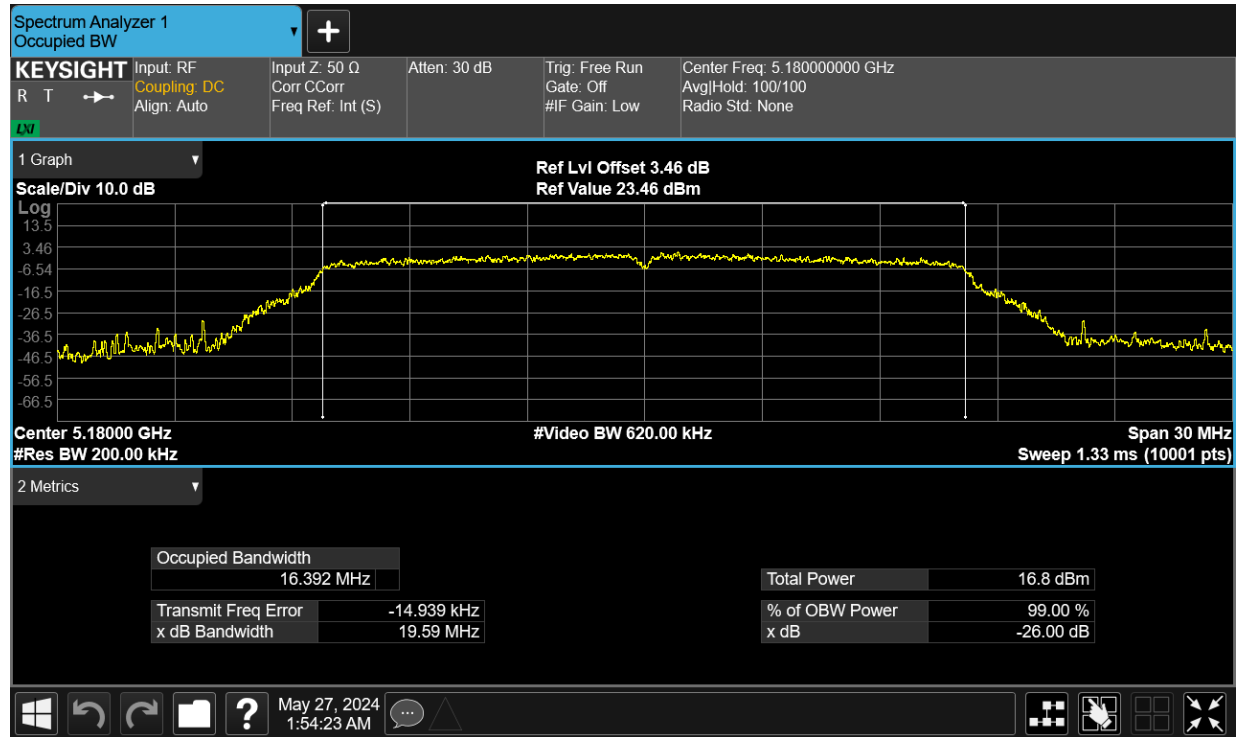


Occupied Channel Bandwidth

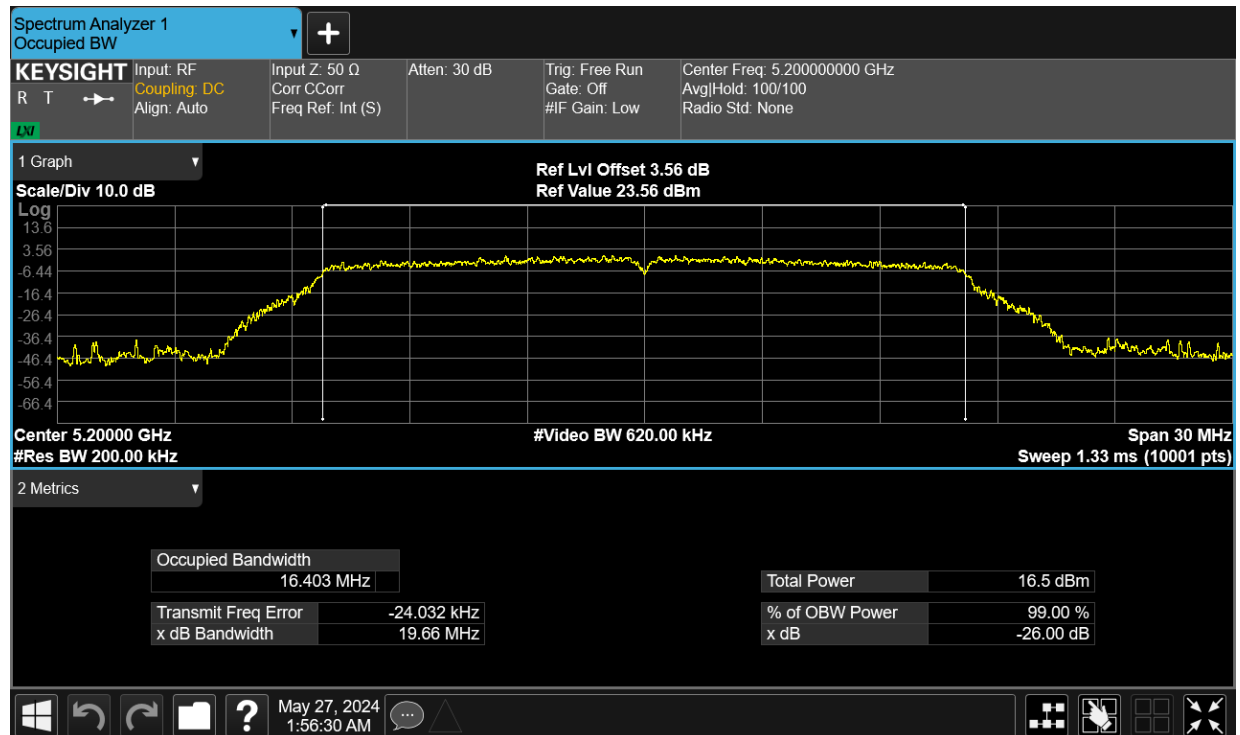
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.392
NVNT	a	5200	Ant1	16.403
NVNT	a	5240	Ant1	16.417
NVNT	ac20	5180	Ant1	17.558
NVNT	ac20	5200	Ant1	17.545
NVNT	ac20	5240	Ant1	17.55
NVNT	ac40	5190	Ant1	35.926
NVNT	ac40	5230	Ant1	35.933
NVNT	ac80	5210	Ant1	75.136
NVNT	n20	5180	Ant1	17.564
NVNT	n20	5200	Ant1	17.537
NVNT	n20	5240	Ant1	17.527
NVNT	n40	5190	Ant1	35.992
NVNT	n40	5230	Ant1	35.891

Test Graphs

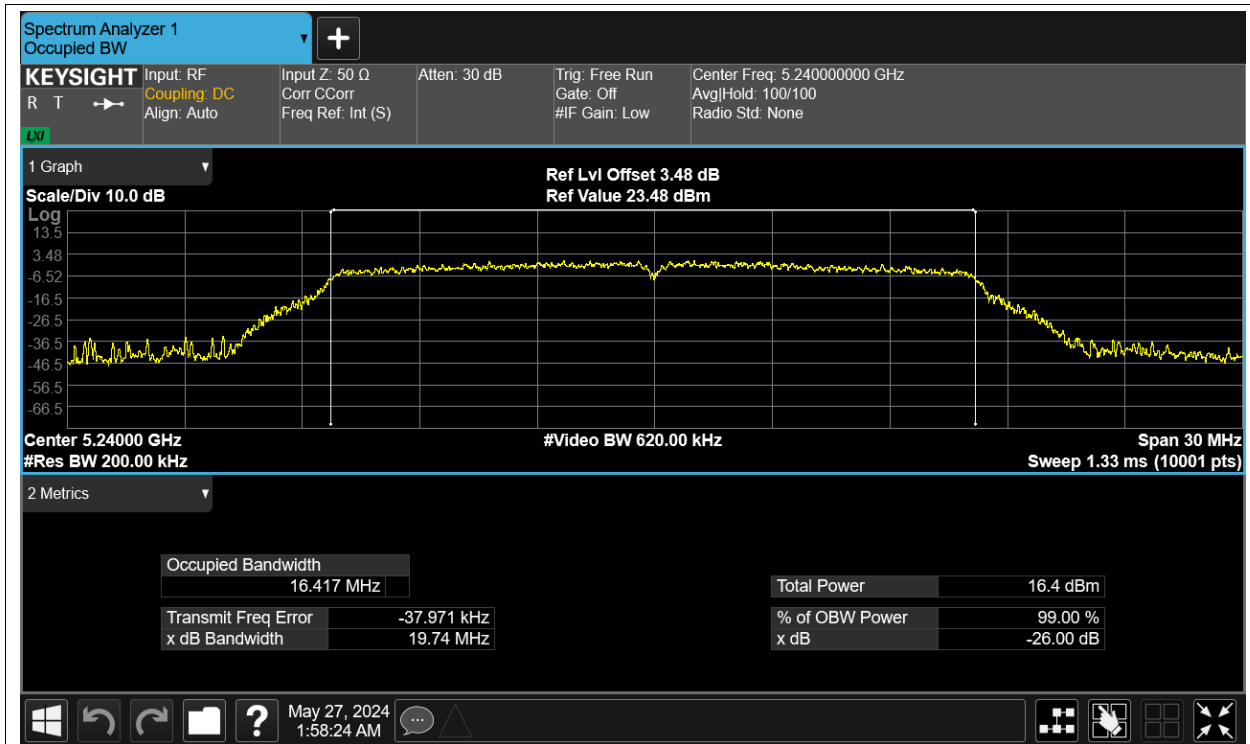
OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



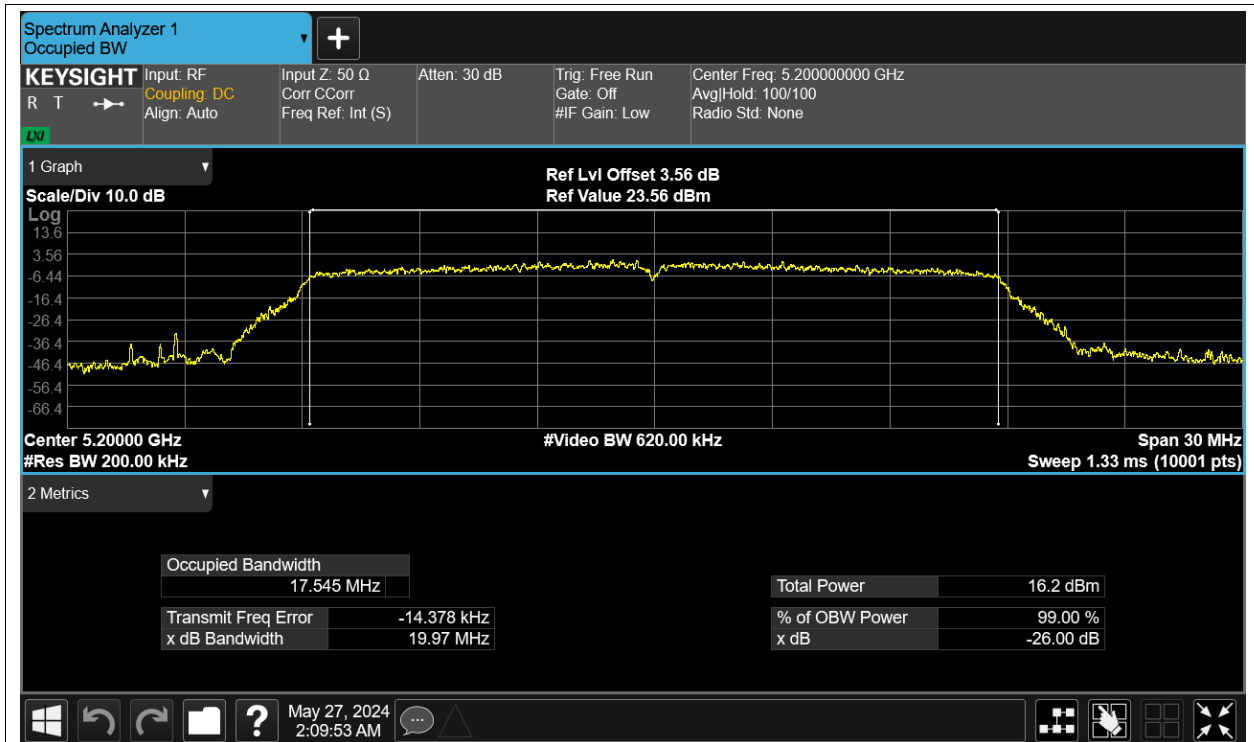
OBW NVNT a 5240MHz Ant1



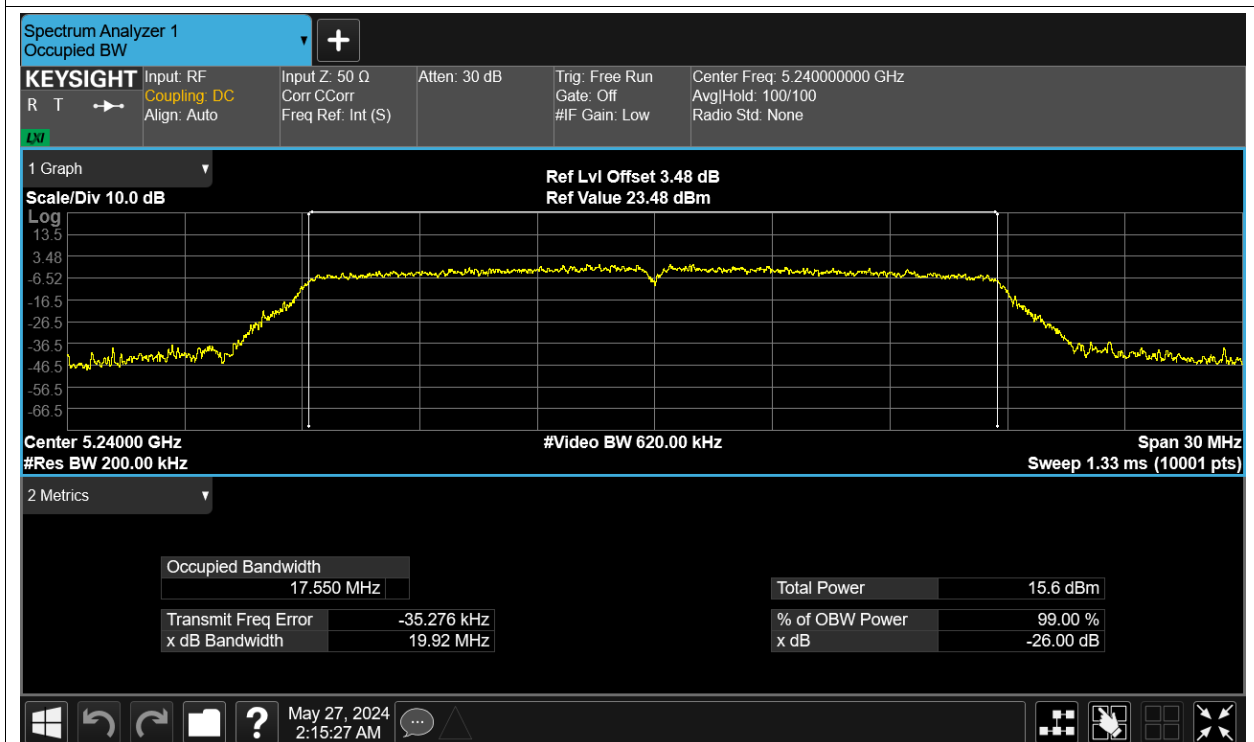
OBW NVNT ac20 5180MHz Ant1



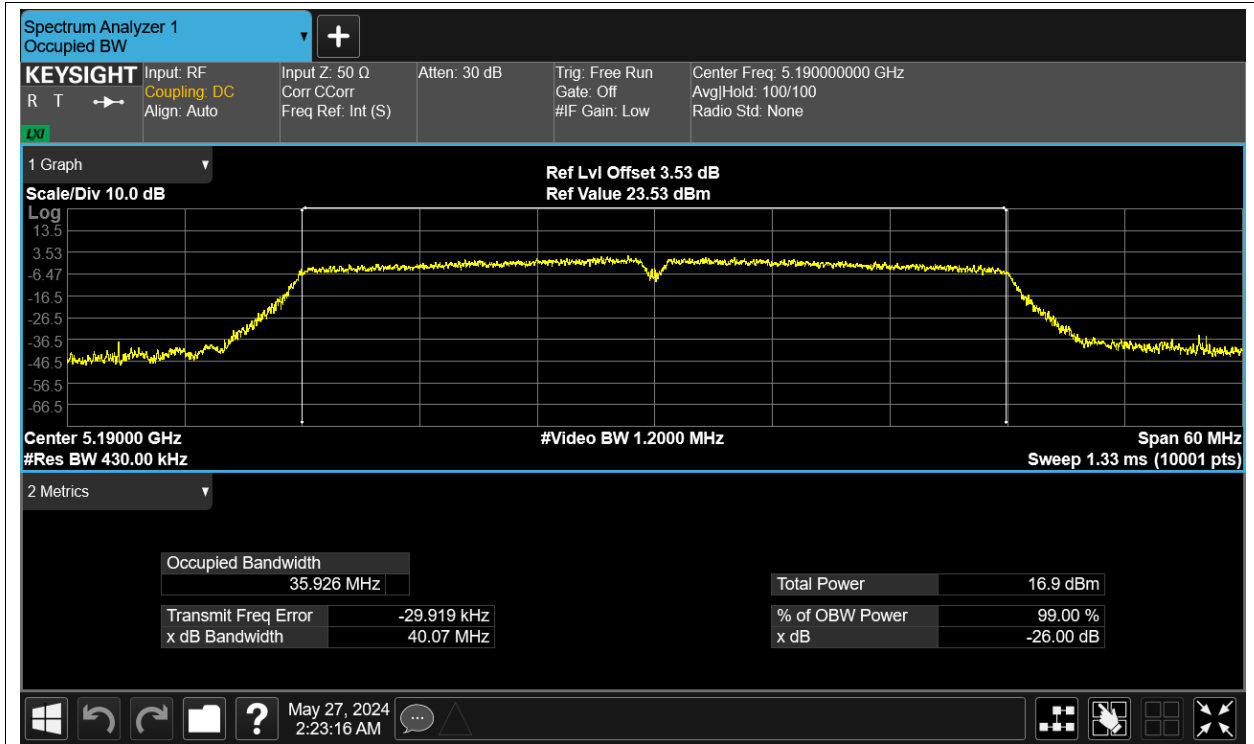
OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5240MHz Ant1



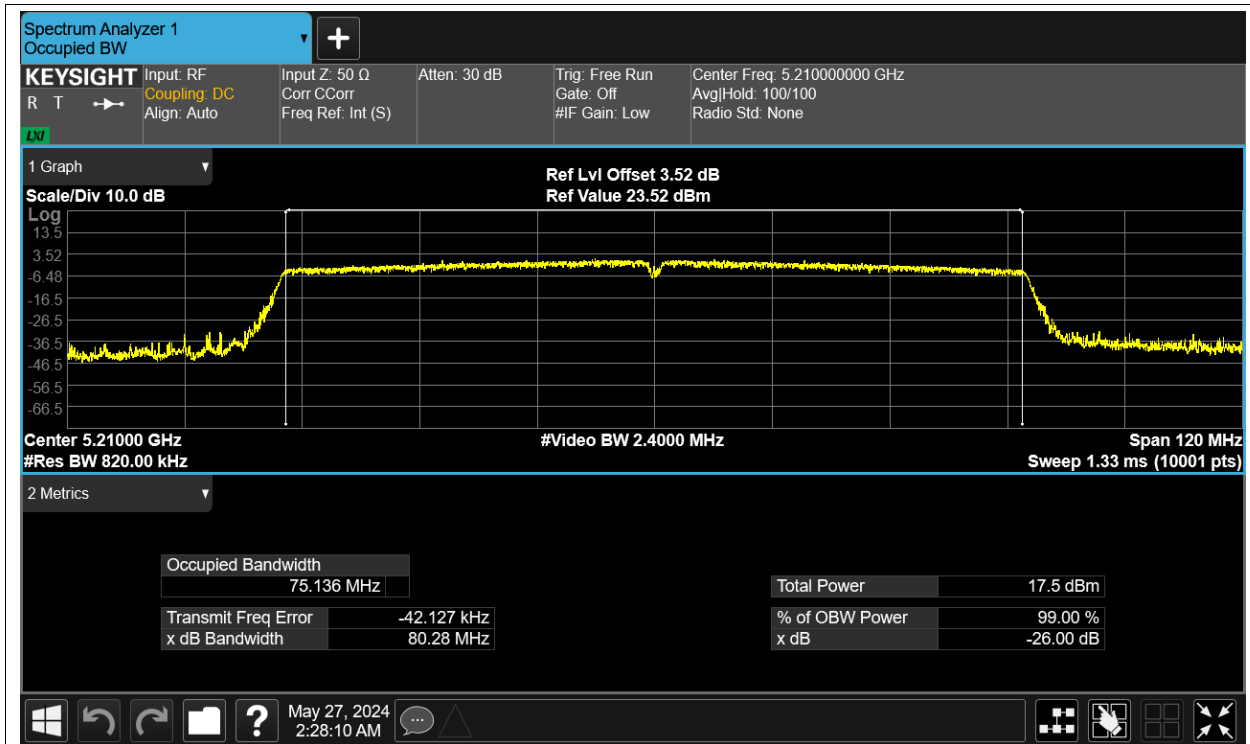
OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1



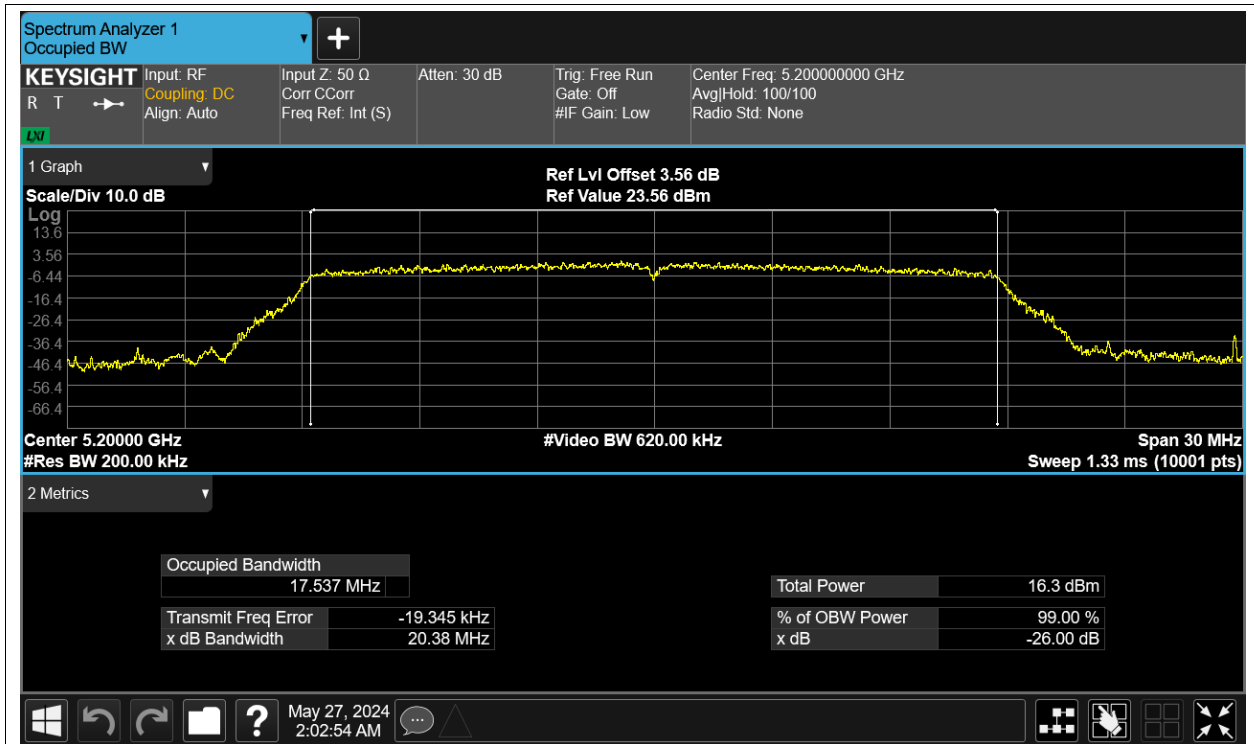
OBW NVNT ac80 5210MHz Ant1



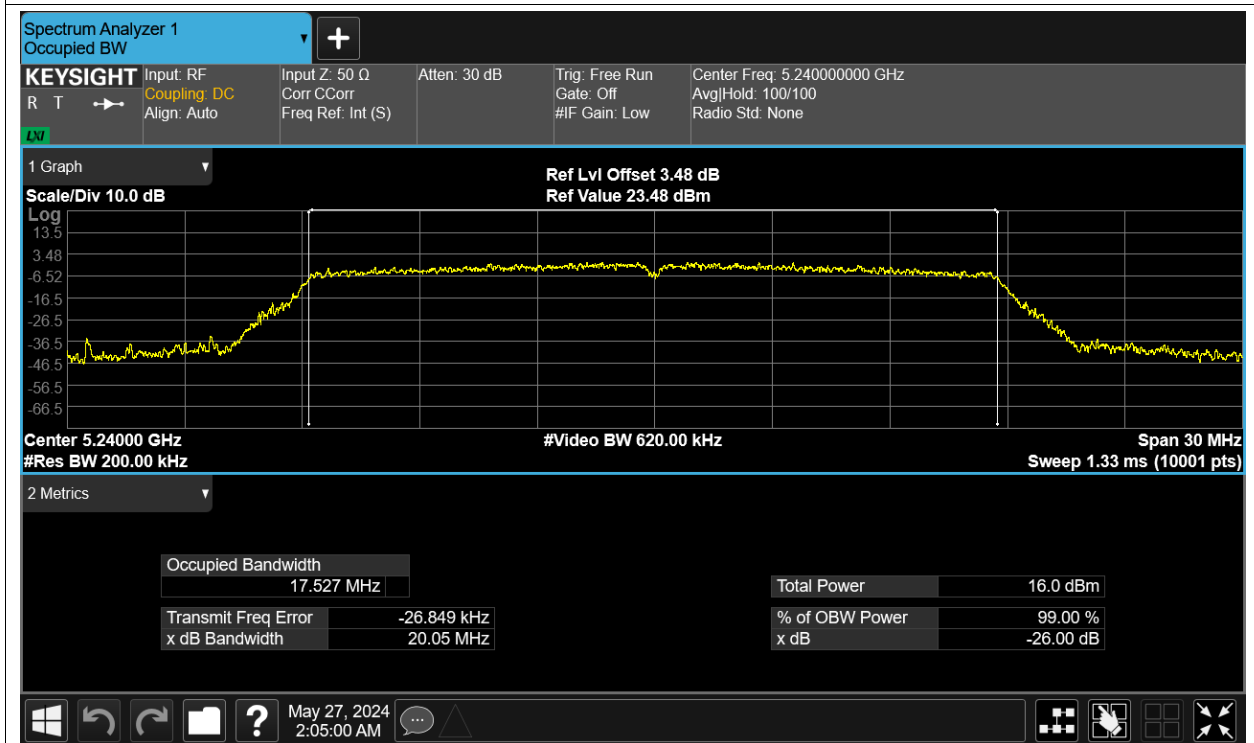
OBW NVNT n20 5180MHz Ant1



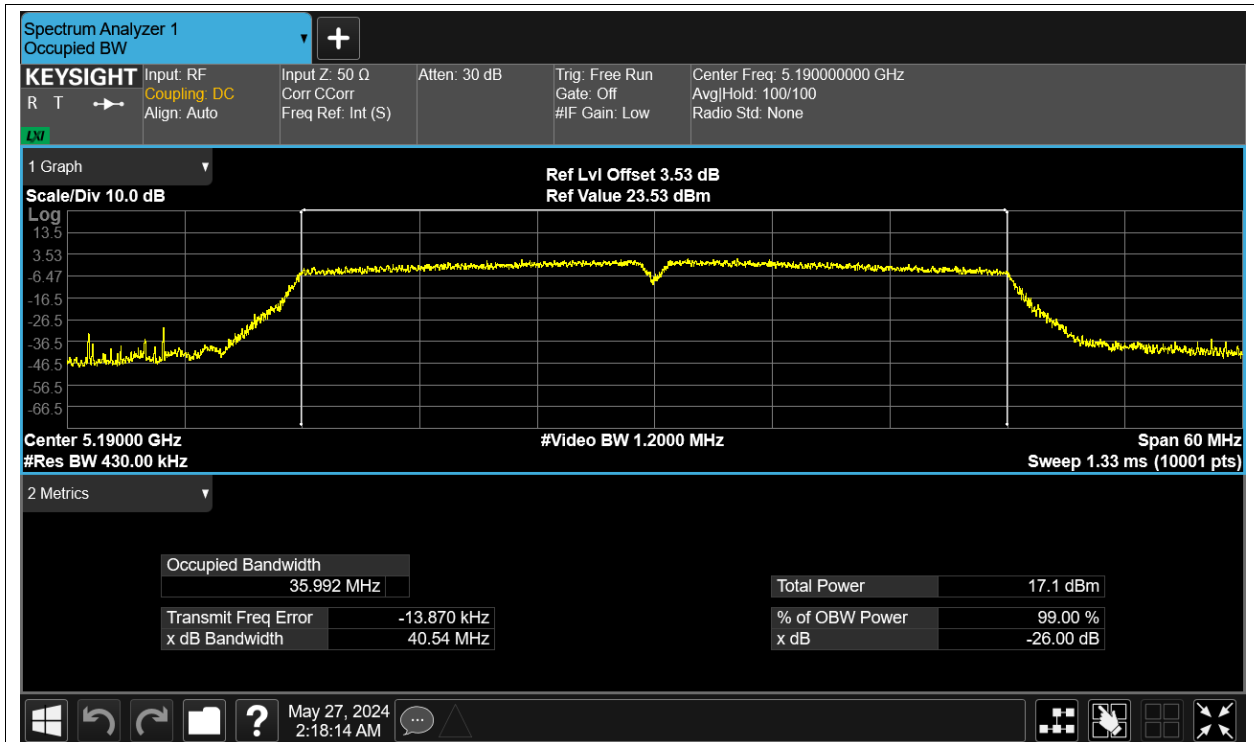
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

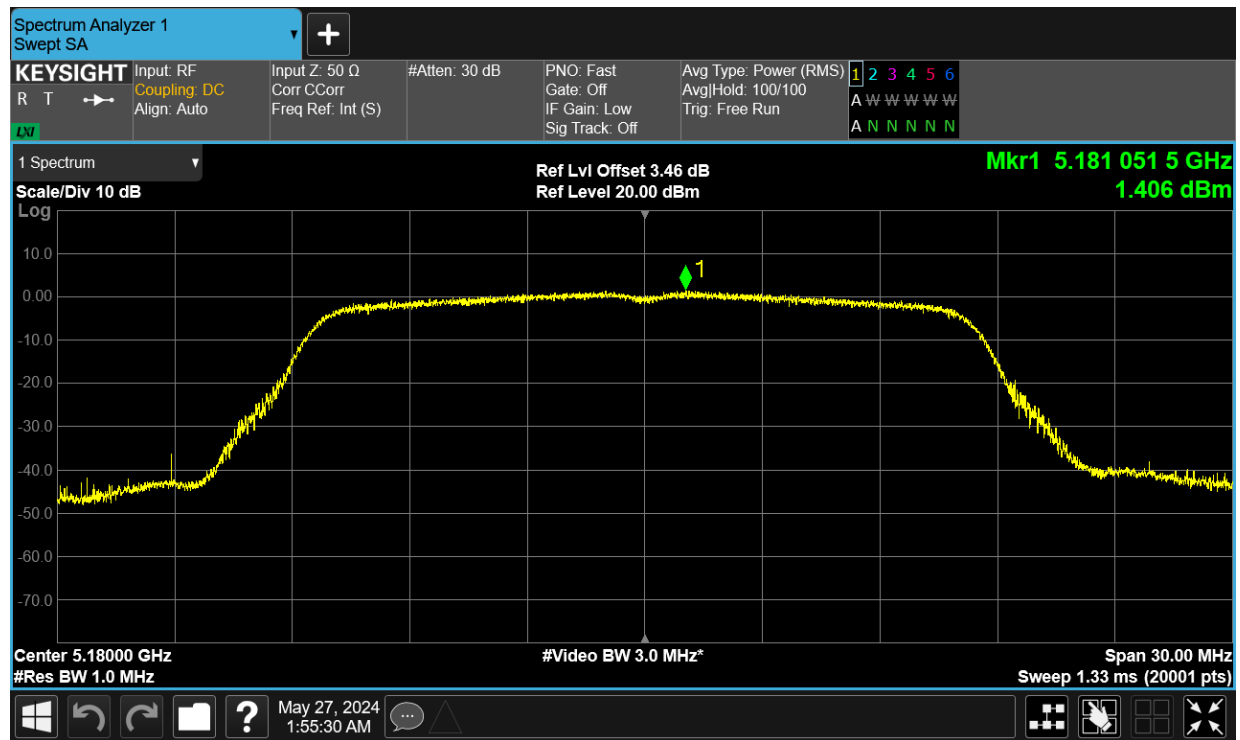


Maximum Power Spectral Density Level

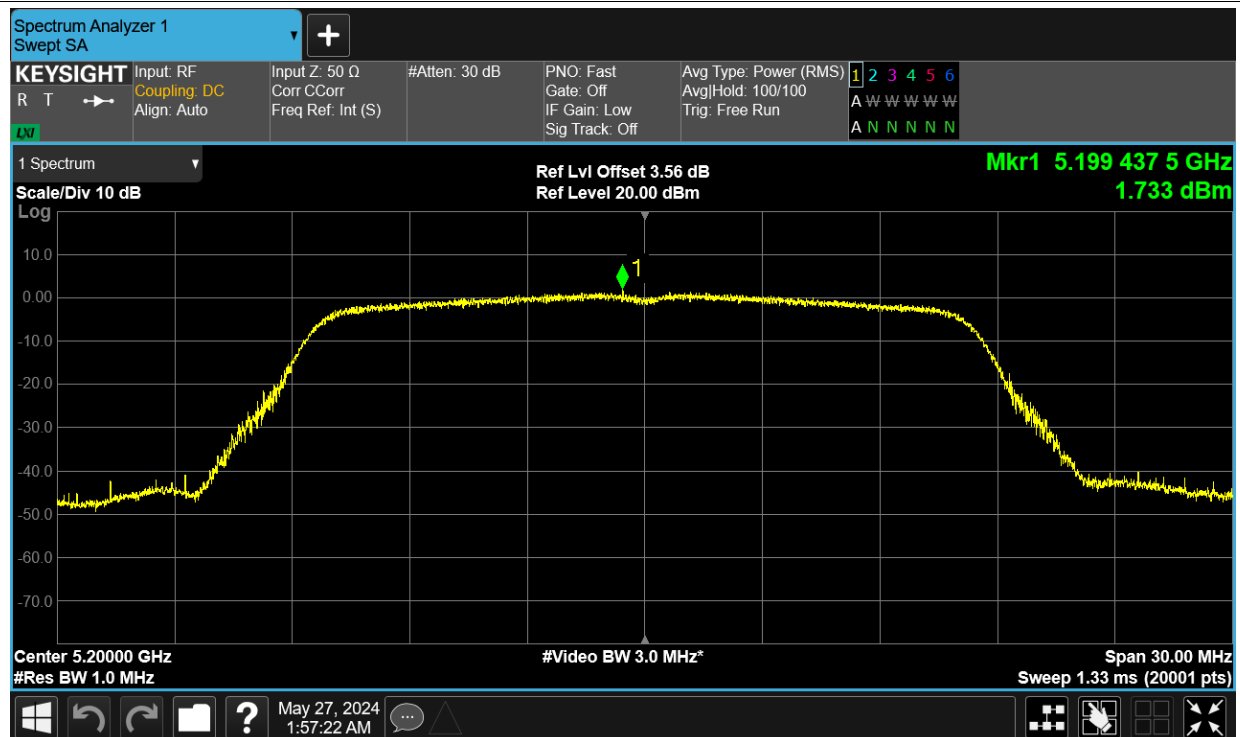
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.406	11	Pass
NVNT	a	5200	Ant1	1.733	11	Pass
NVNT	a	5240	Ant1	1.499	11	Pass
NVNT	ac20	5180	Ant1	1.032	11	Pass
NVNT	ac20	5200	Ant1	1.003	11	Pass
NVNT	ac20	5240	Ant1	0.158	11	Pass
NVNT	ac40	5190	Ant1	-6.777	11	Pass
NVNT	ac40	5230	Ant1	-6.741	11	Pass
NVNT	ac80	5210	Ant1	-12.169	11	Pass
NVNT	n20	5180	Ant1	1.125	11	Pass
NVNT	n20	5200	Ant1	1.031	11	Pass
NVNT	n20	5240	Ant1	0.925	11	Pass
NVNT	n40	5190	Ant1	-5.937	11	Pass
NVNT	n40	5230	Ant1	-6.429	11	Pass

Test Graphs

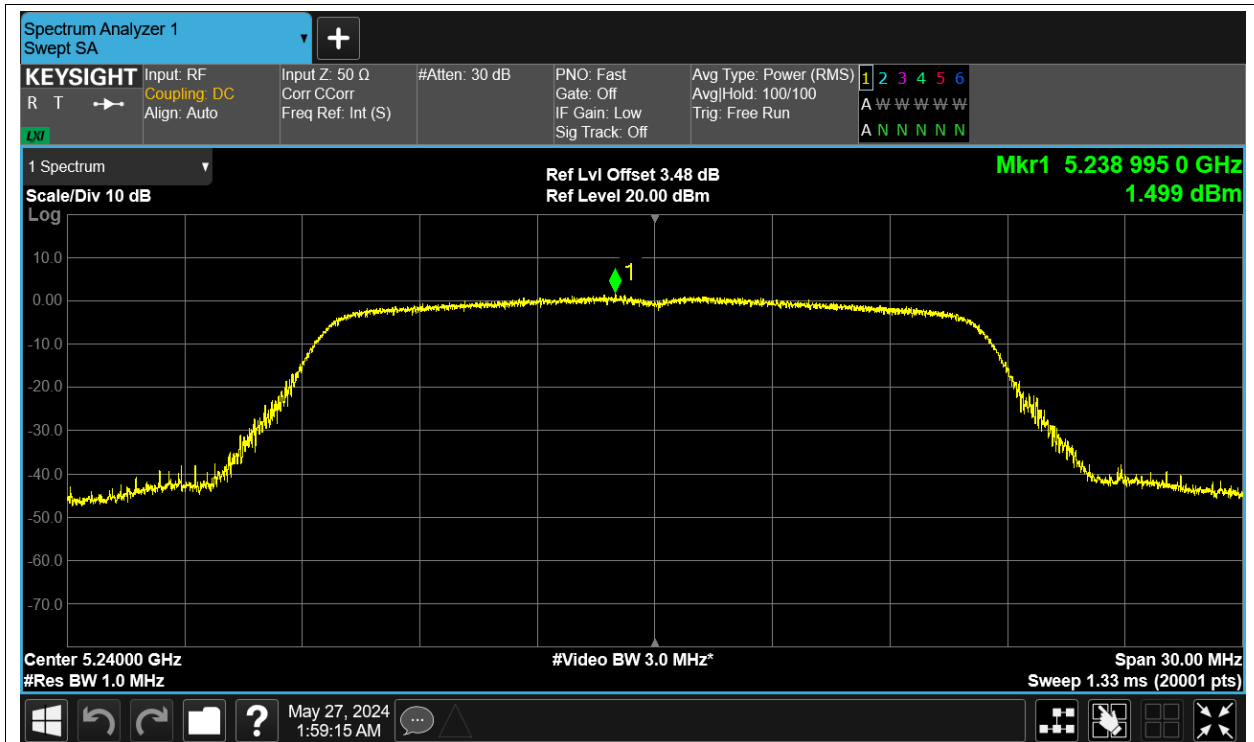
PSD NVNT a 5180MHz Ant1



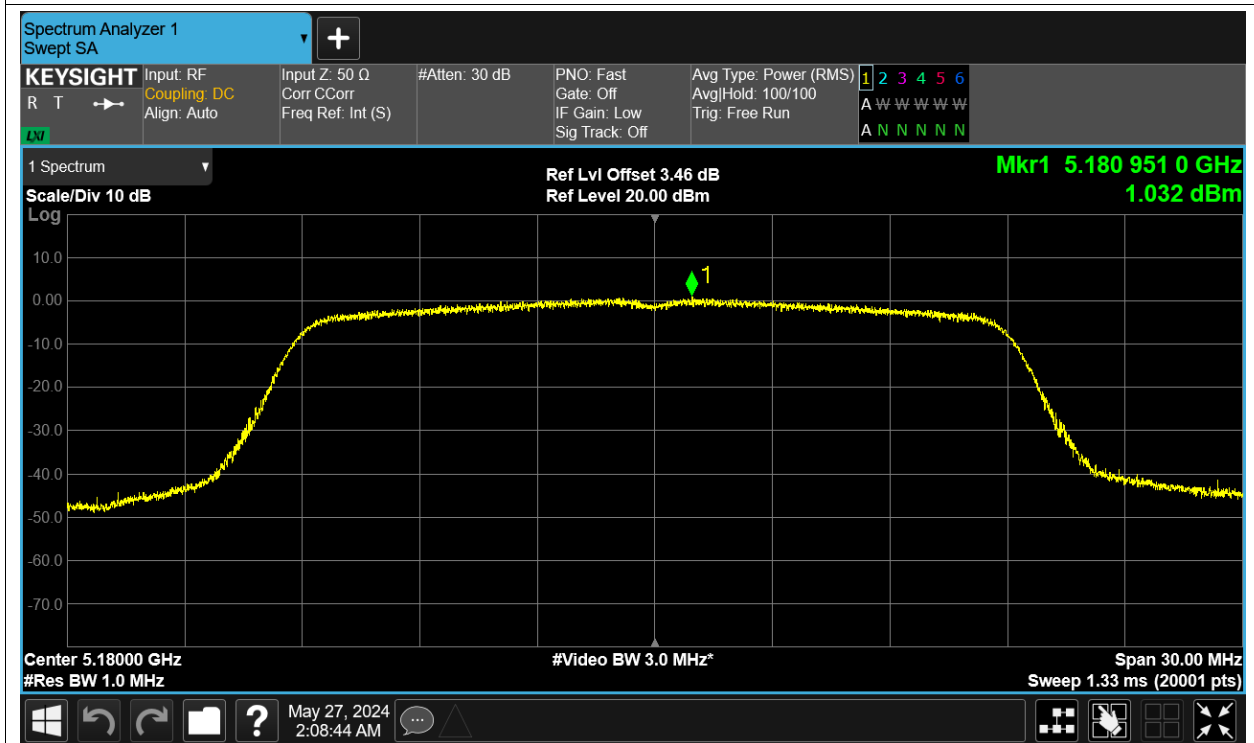
PSD NVNT a 5200MHz Ant1



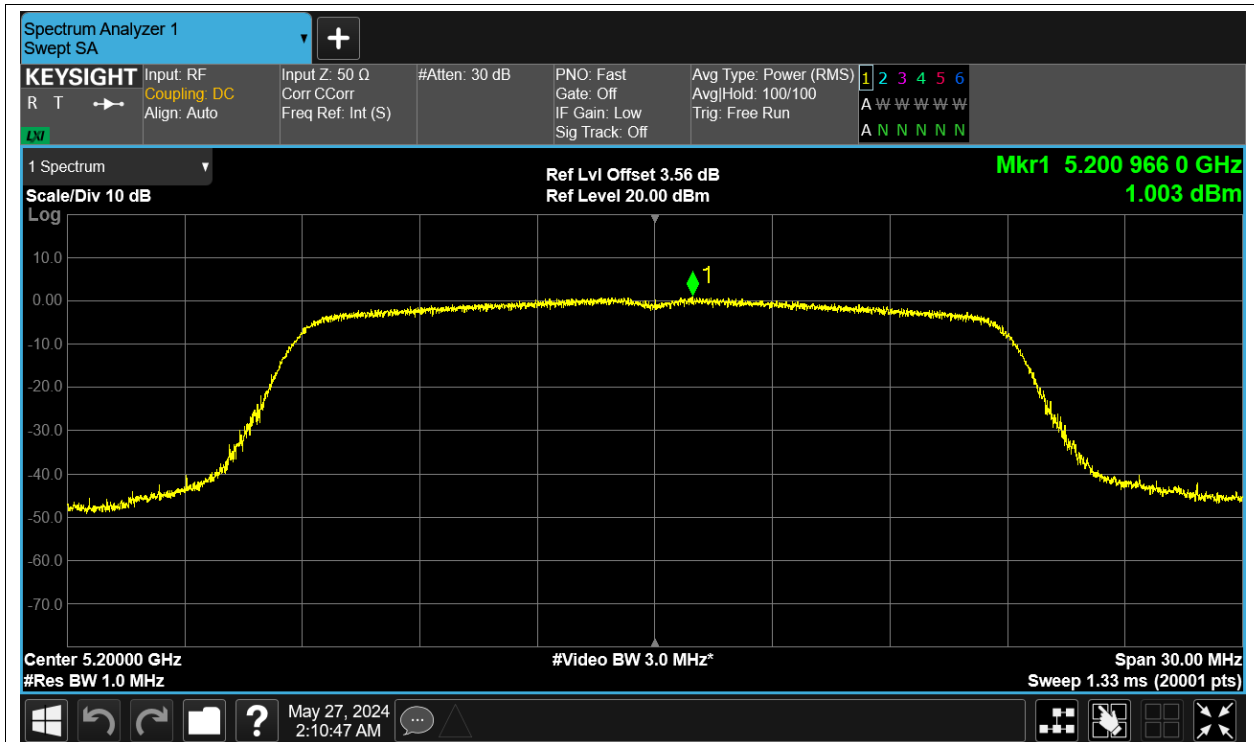
PSD NVNT a 5240MHz Ant1



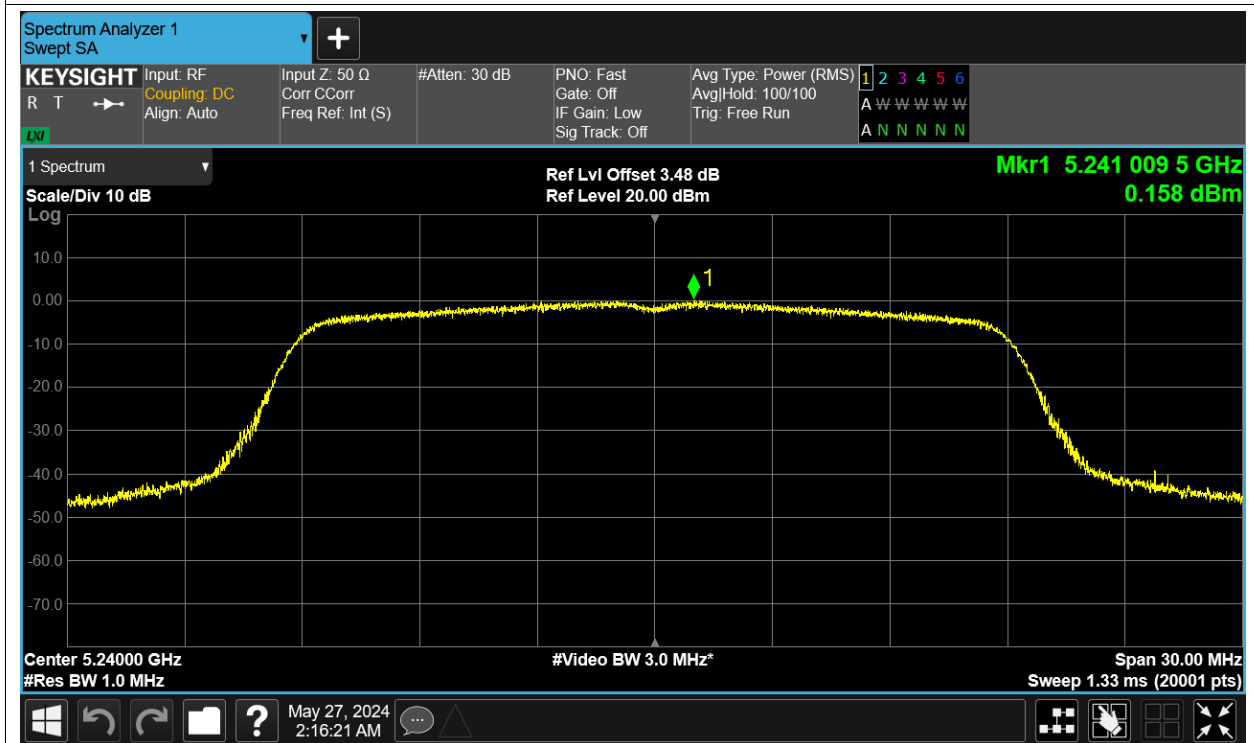
PSD NVNT ac20 5180MHz Ant1



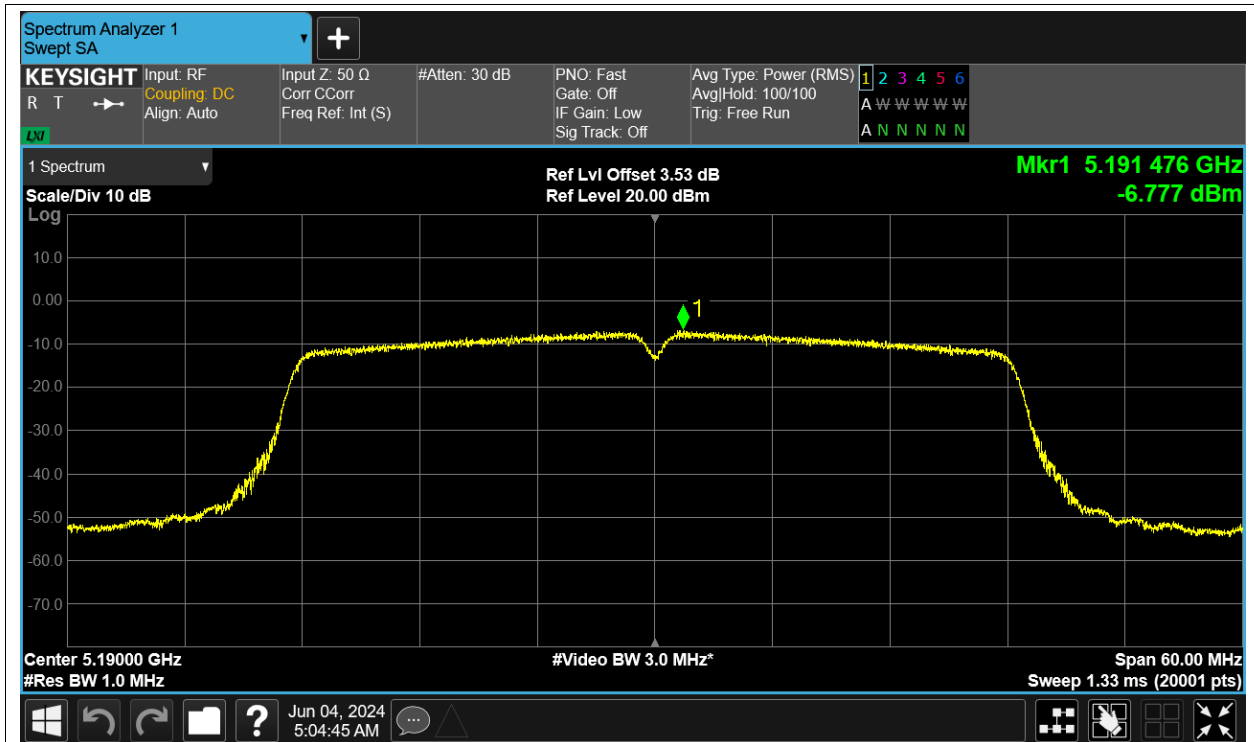
PSD NVNT ac20 5200MHz Ant1



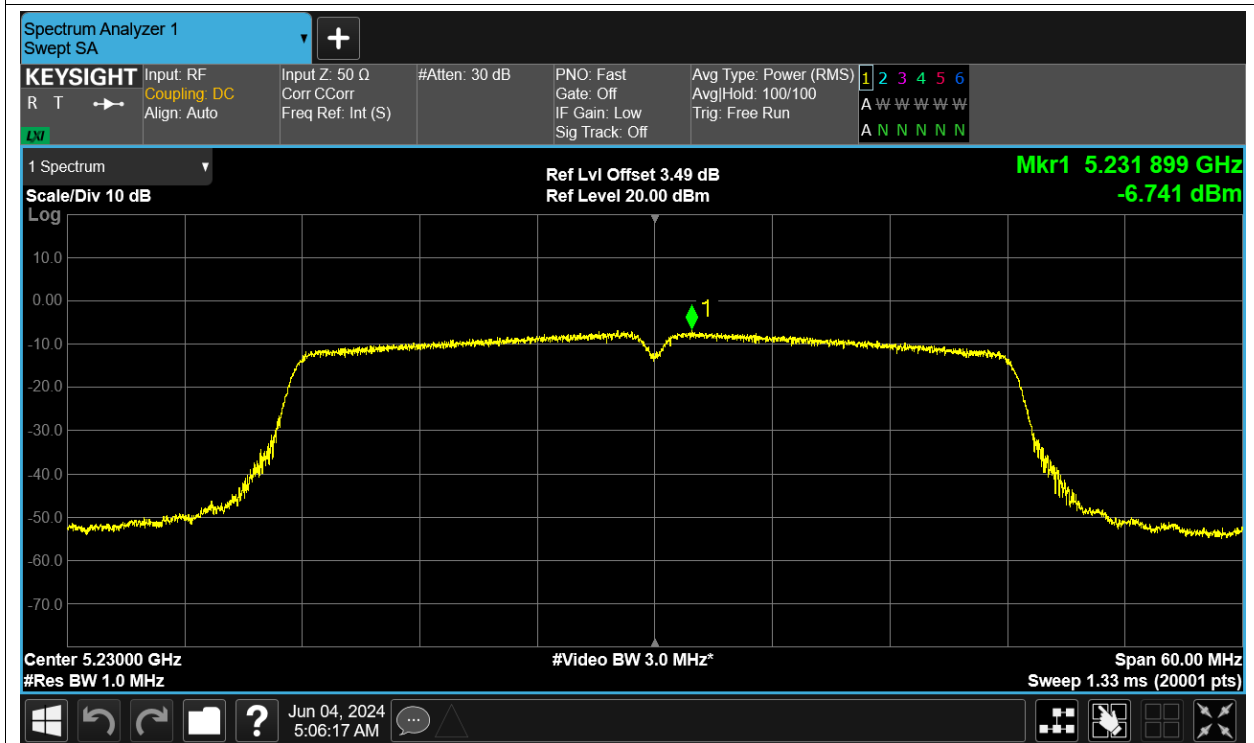
PSD NVNT ac20 5240MHz Ant1



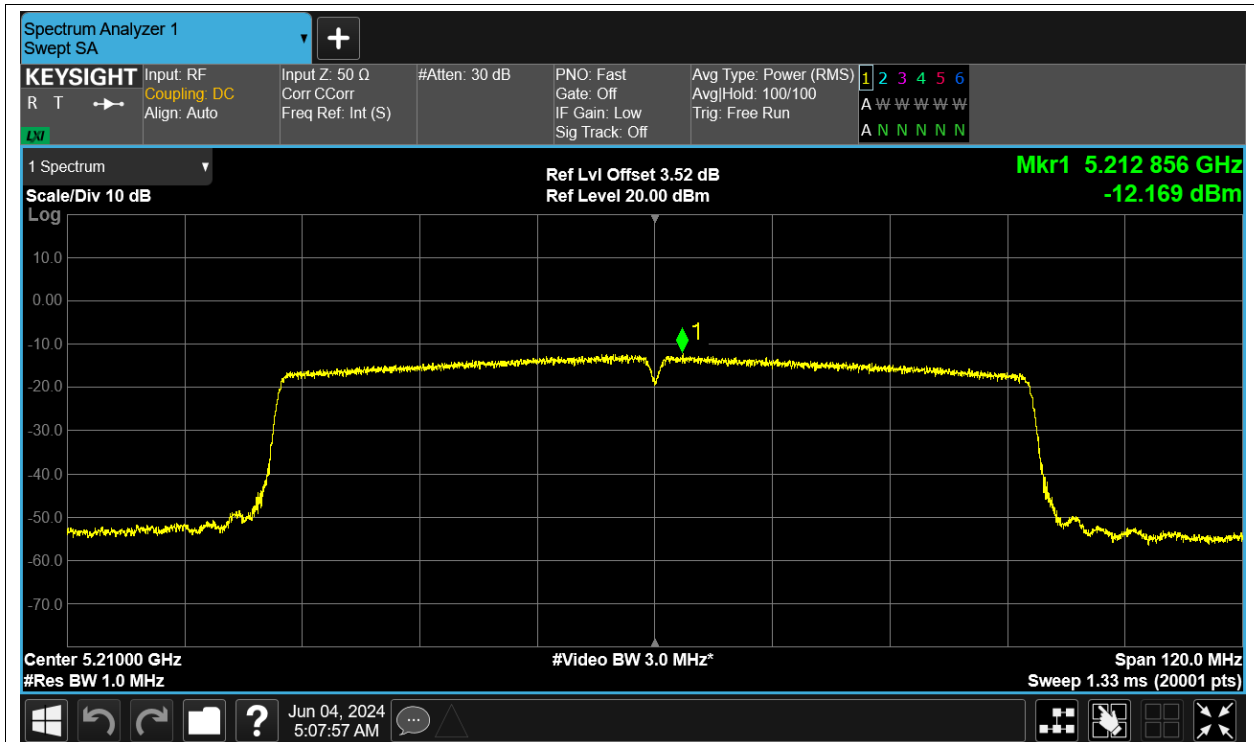
PSD NVNT ac40 5190MHz Ant1



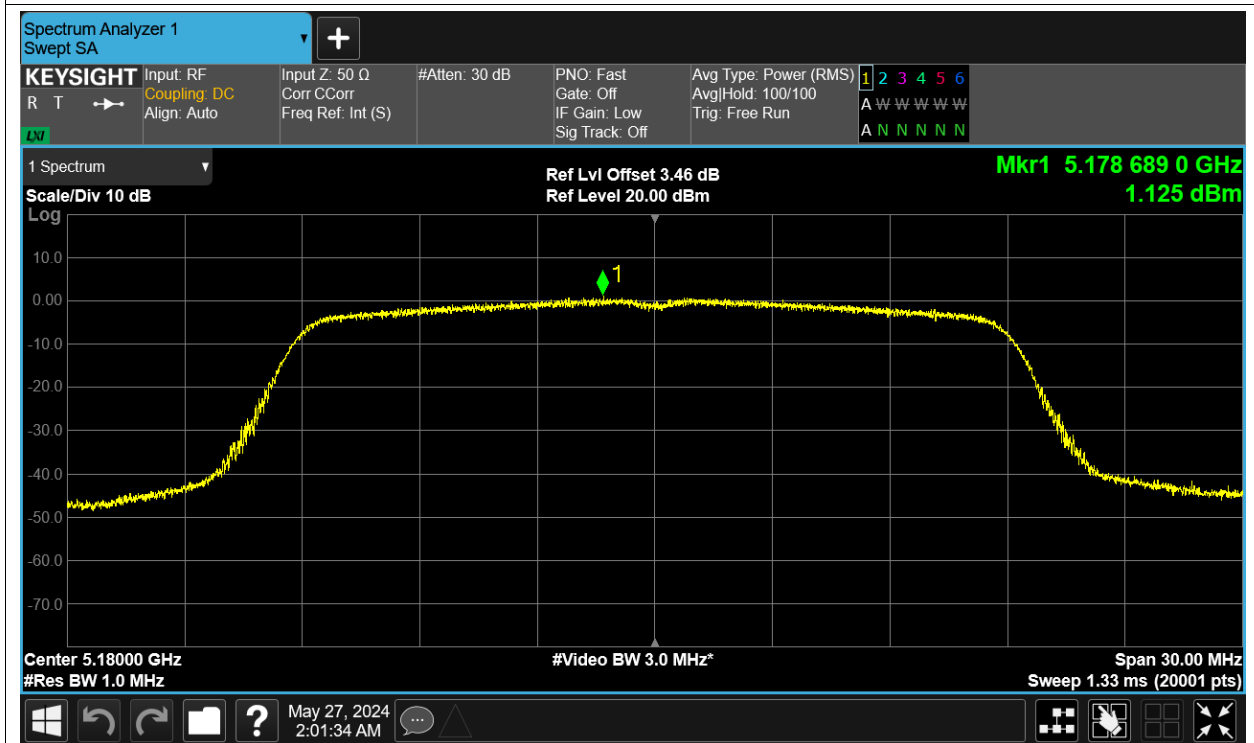
PSD NVNT ac40 5230MHz Ant1



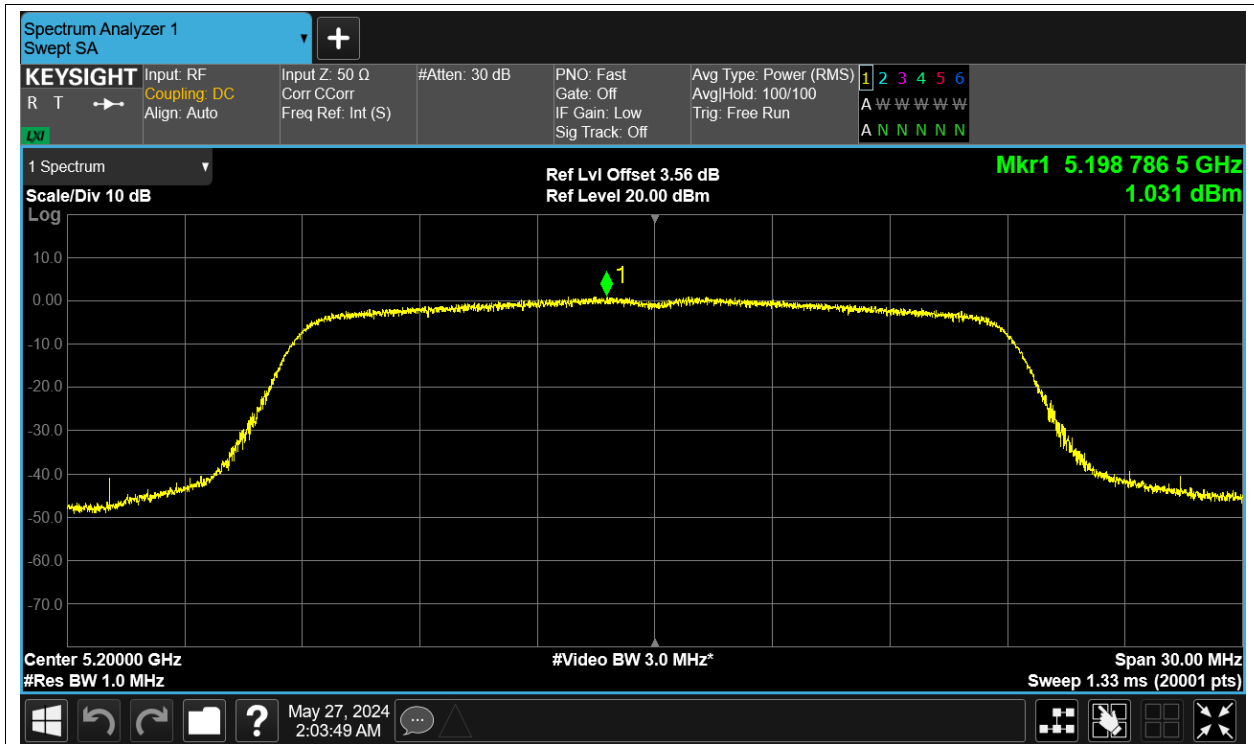
PSD NVNT ac80 5210MHz Ant1



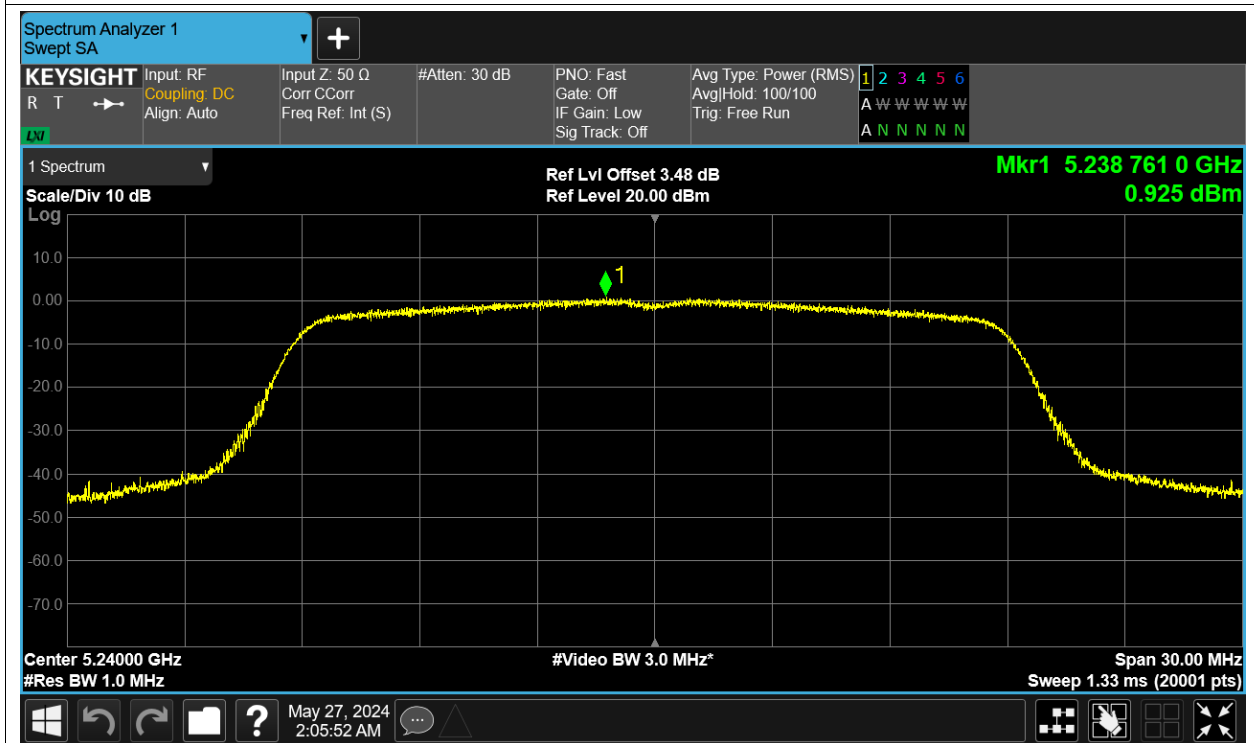
PSD NVNT n20 5180MHz Ant1



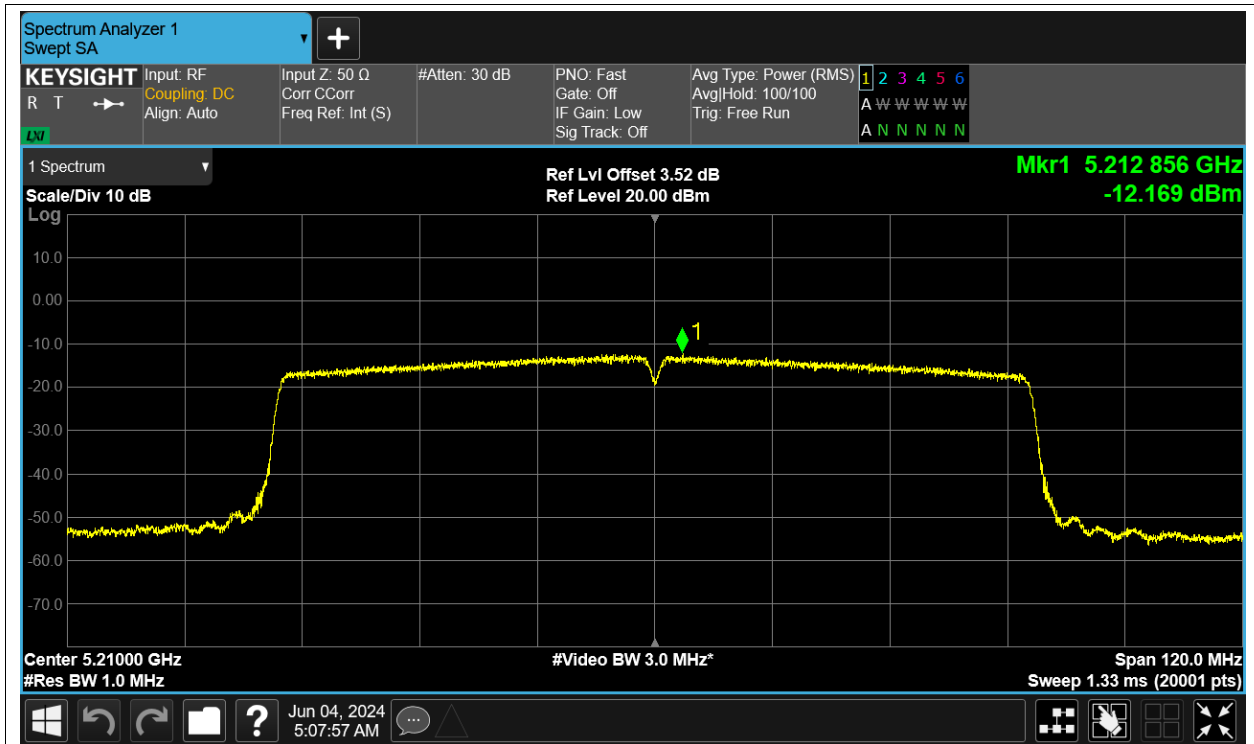
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

