

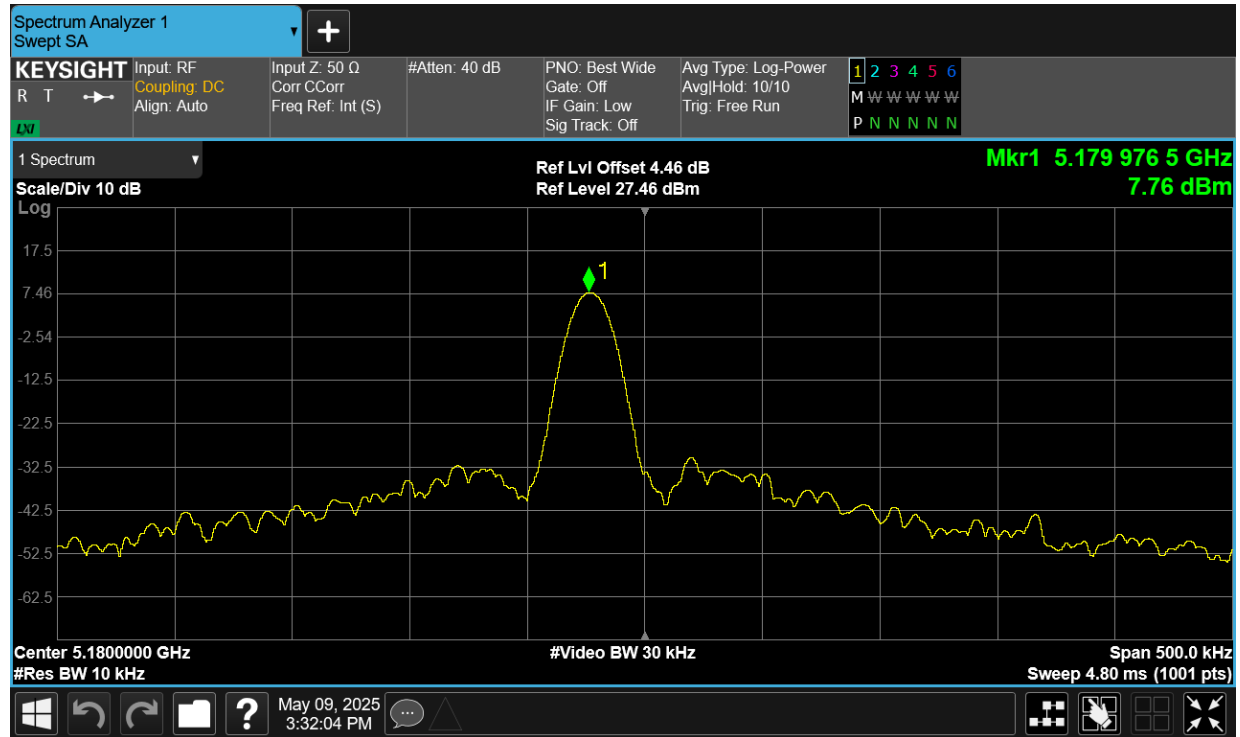
Test Data

Frequency Stability

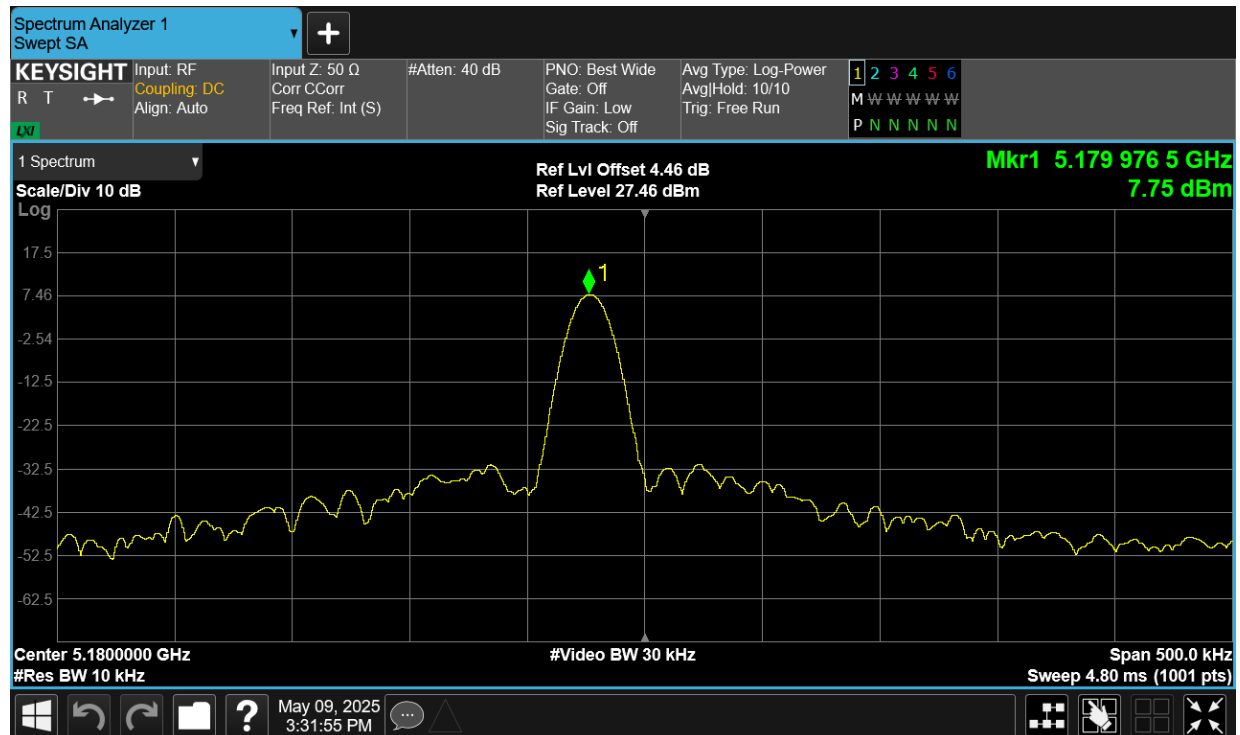
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9765	-4.54	25	Pass
LVNT	a	5180	Ant1	5179.9765	-4.54	25	Pass
NVHT	a	5180	Ant1	5179.9765	-4.54	25	Pass
NVLT	a	5180	Ant1	5179.9765	-4.54	25	Pass
NVNT	a	5180	Ant1	5179.9765	-4.54	25	Pass
HVNT	n40	5190	Ant1	5189.9765	-4.53	25	Pass
LVNT	n40	5190	Ant1	5189.9765	-4.53	25	Pass
NVHT	n40	5190	Ant1	5189.9765	-4.53	25	Pass
NVLT	n40	5190	Ant1	5189.9765	-4.53	25	Pass
NVNT	n40	5190	Ant1	5189.9765	-4.53	25	Pass

Test Graphs

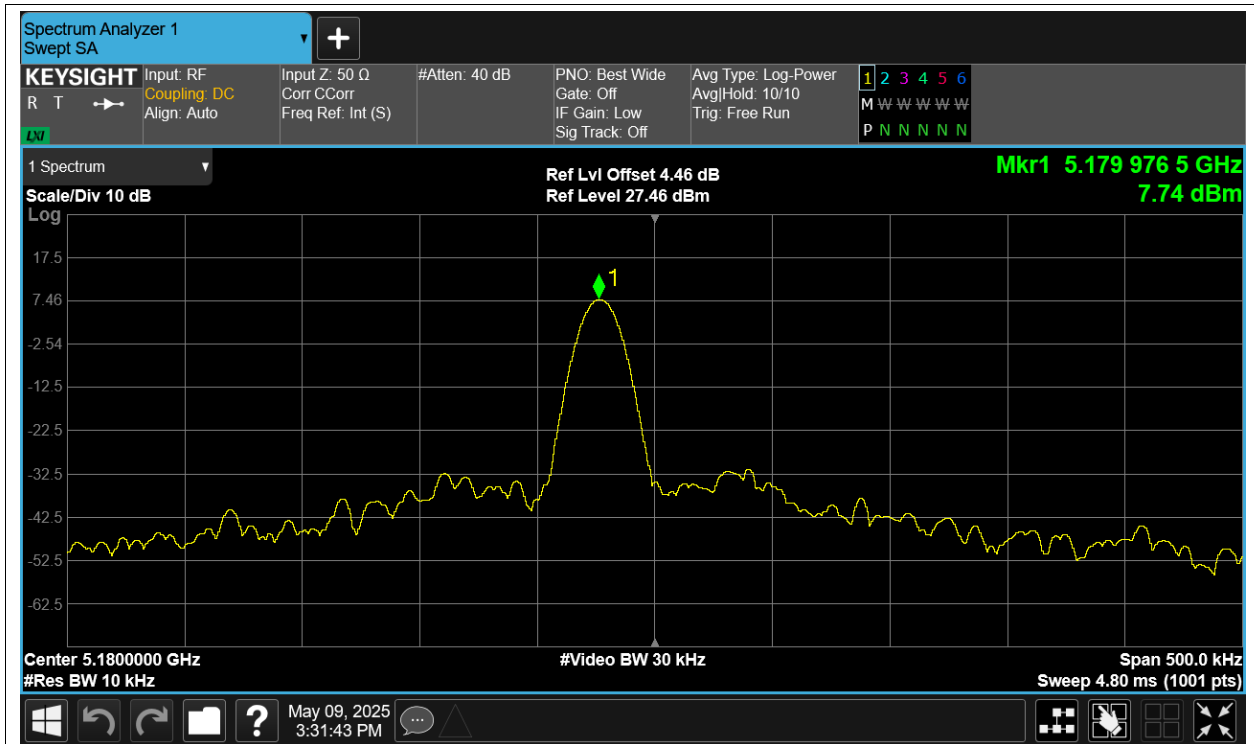
Freq. Stability HVNT a 5180MHz Ant1



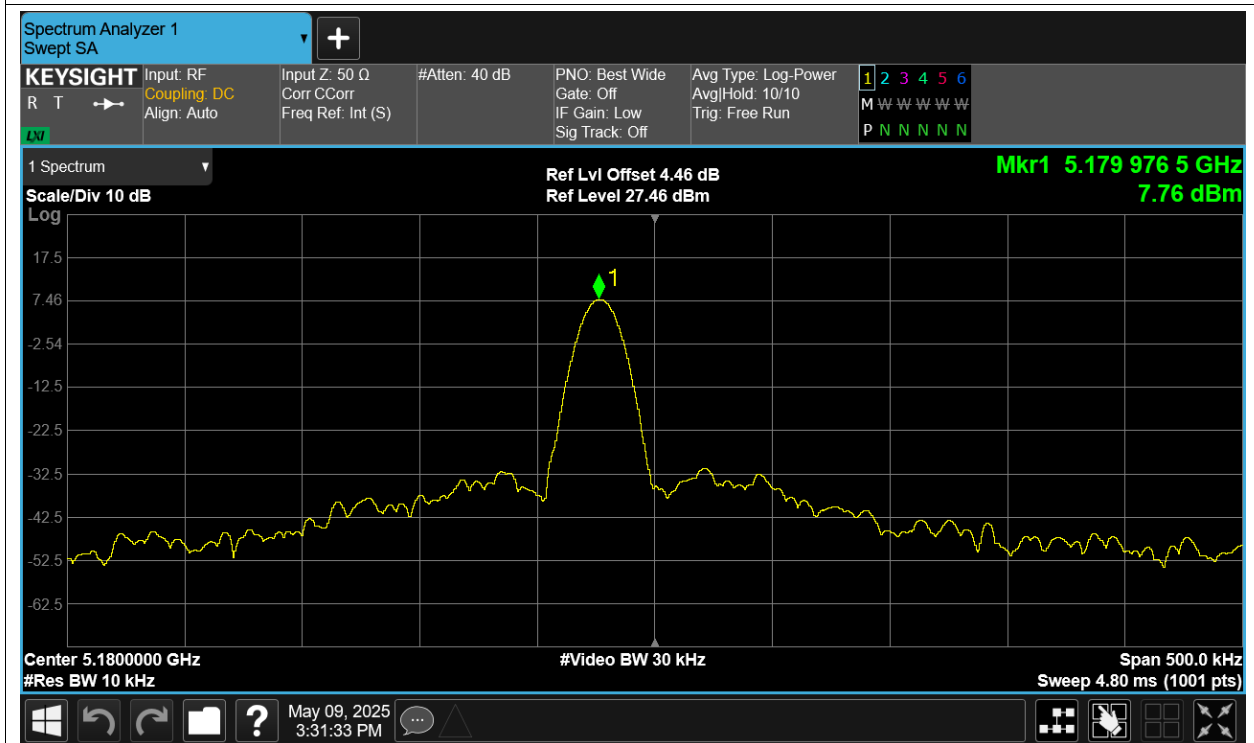
Freq. Stability LVNT a 5180MHz Ant1



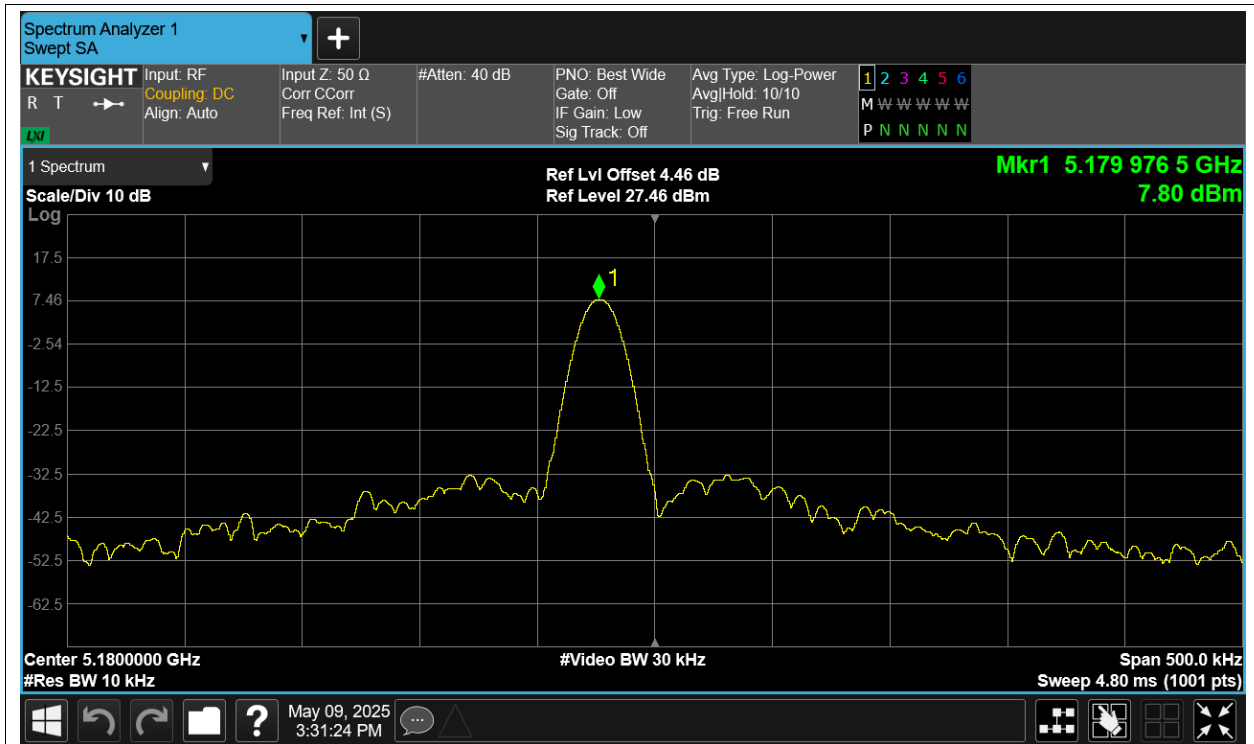
Freq. Stability NVHT a 5180MHz Ant1



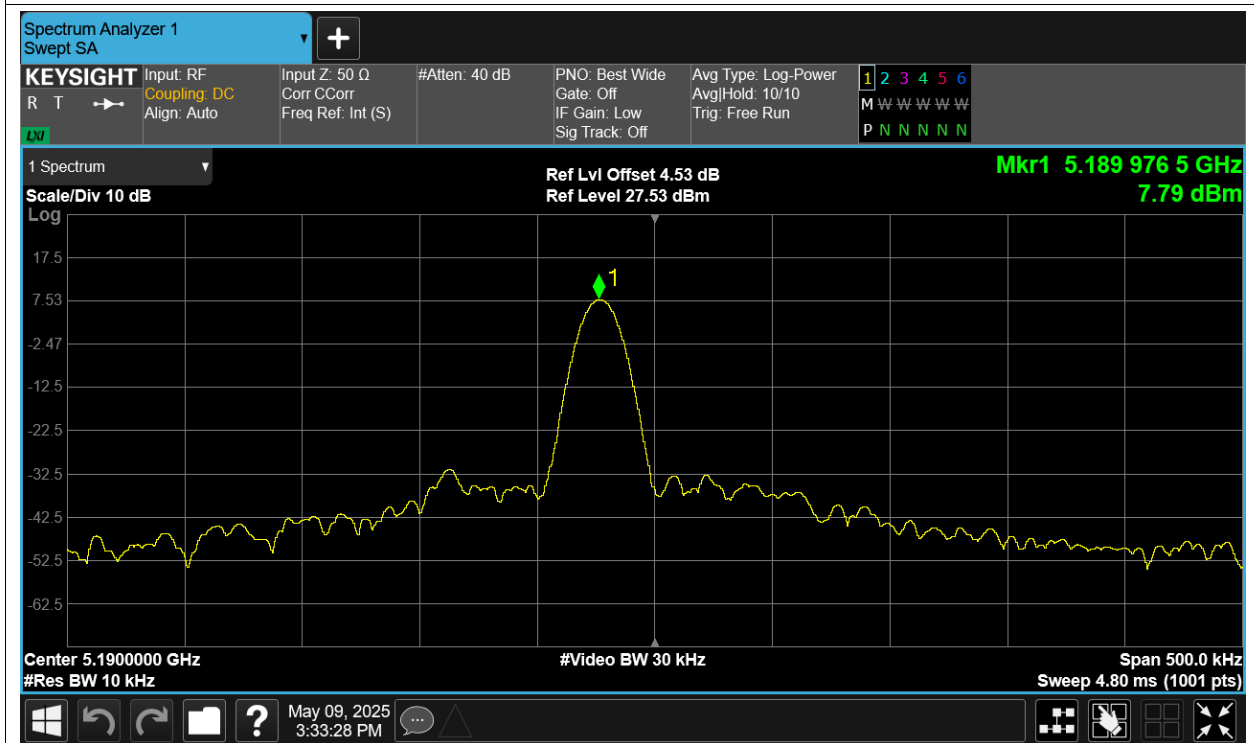
Freq. Stability NVLT a 5180MHz Ant1



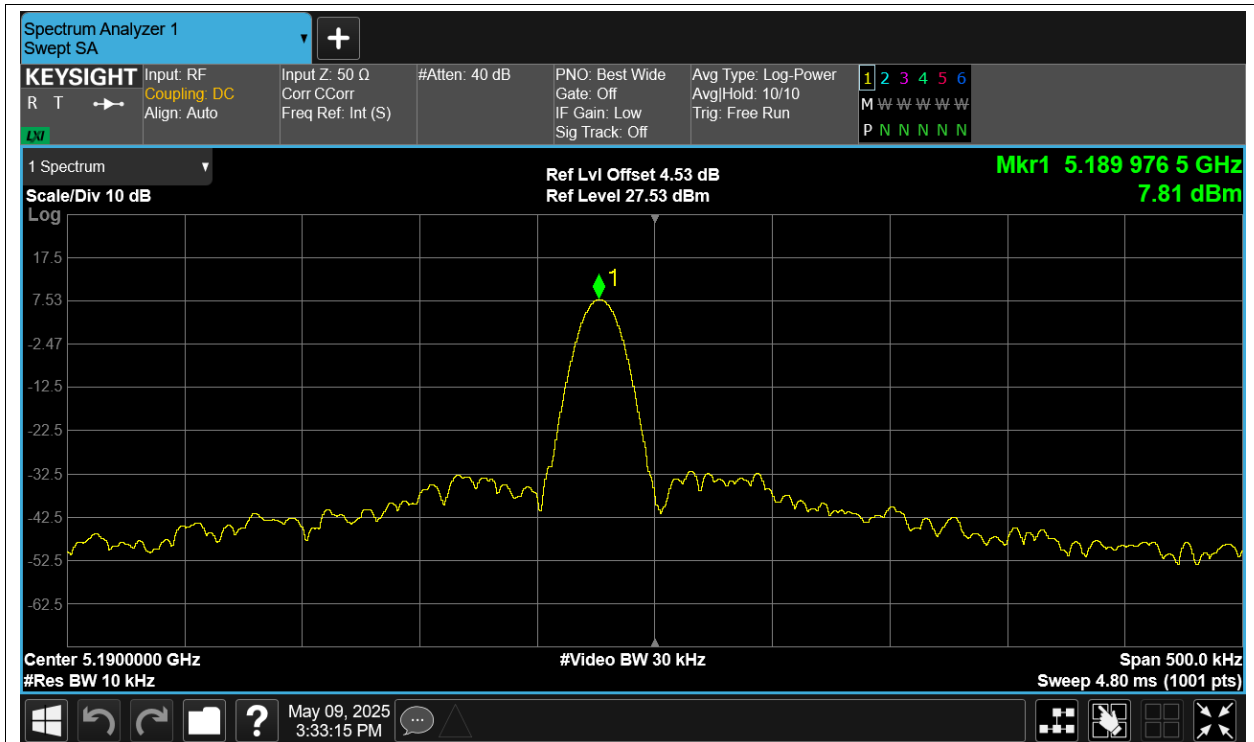
Freq. Stability NVNT a 5180MHz Ant1



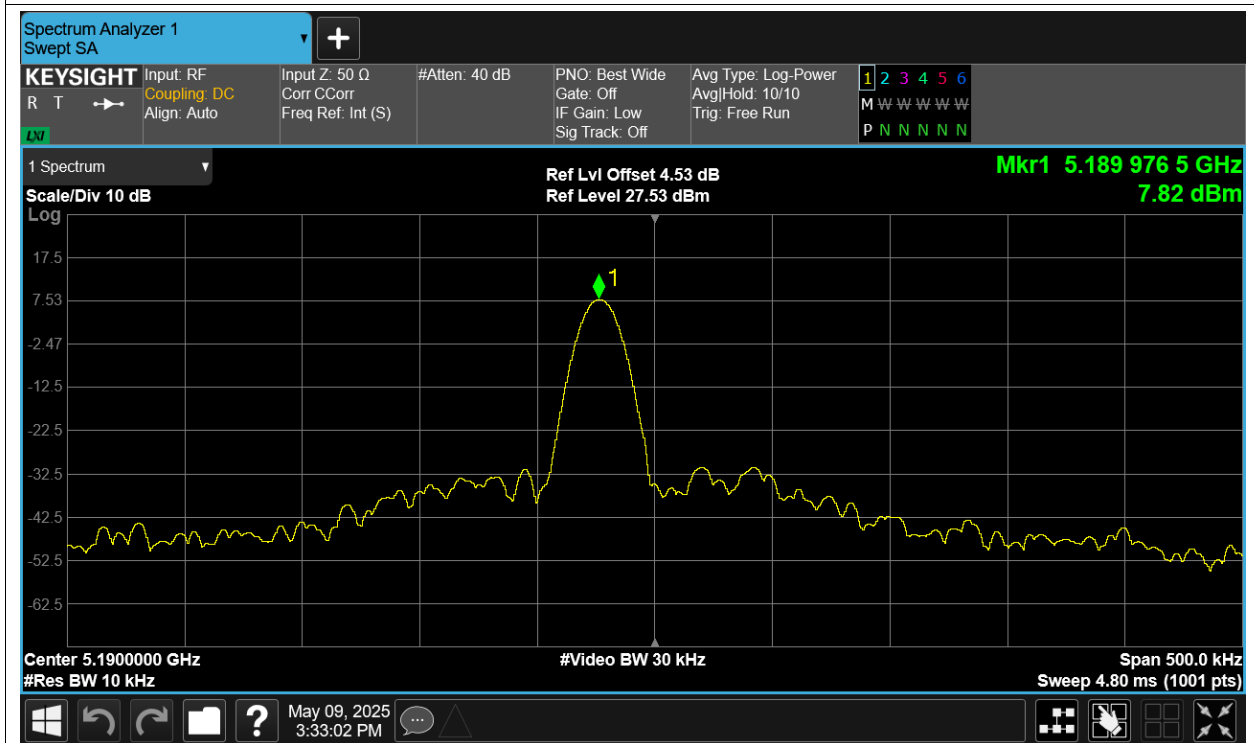
Freq. Stability HVNT n40 5190MHz Ant1



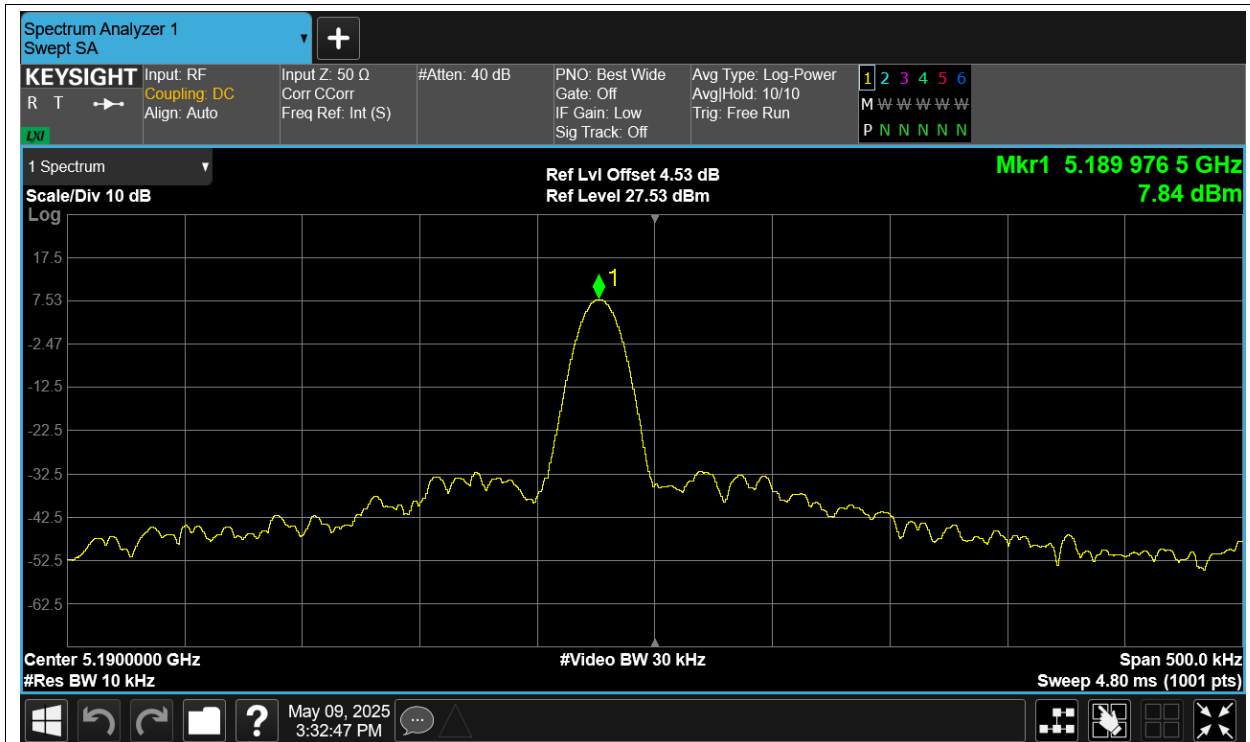
Freq. Stability LVNT n40 5190MHz Ant1



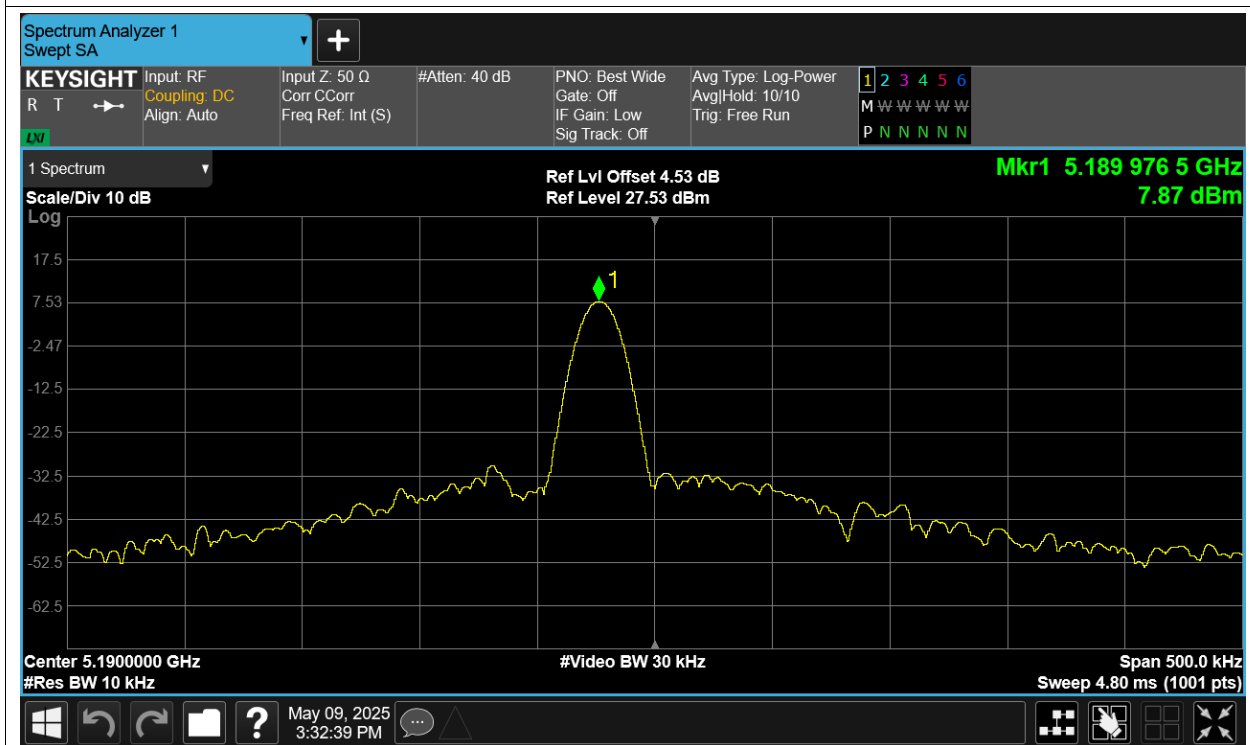
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1

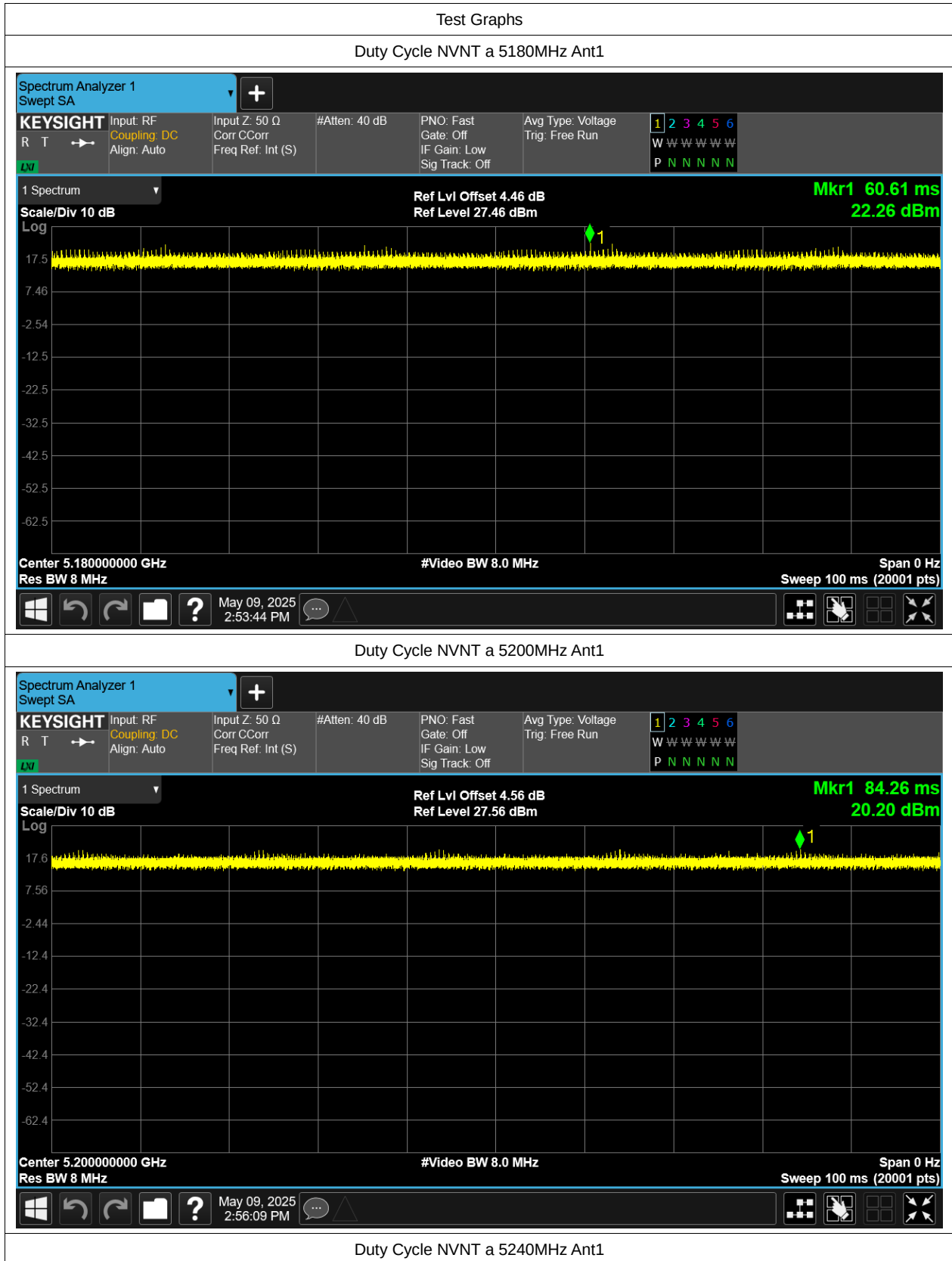


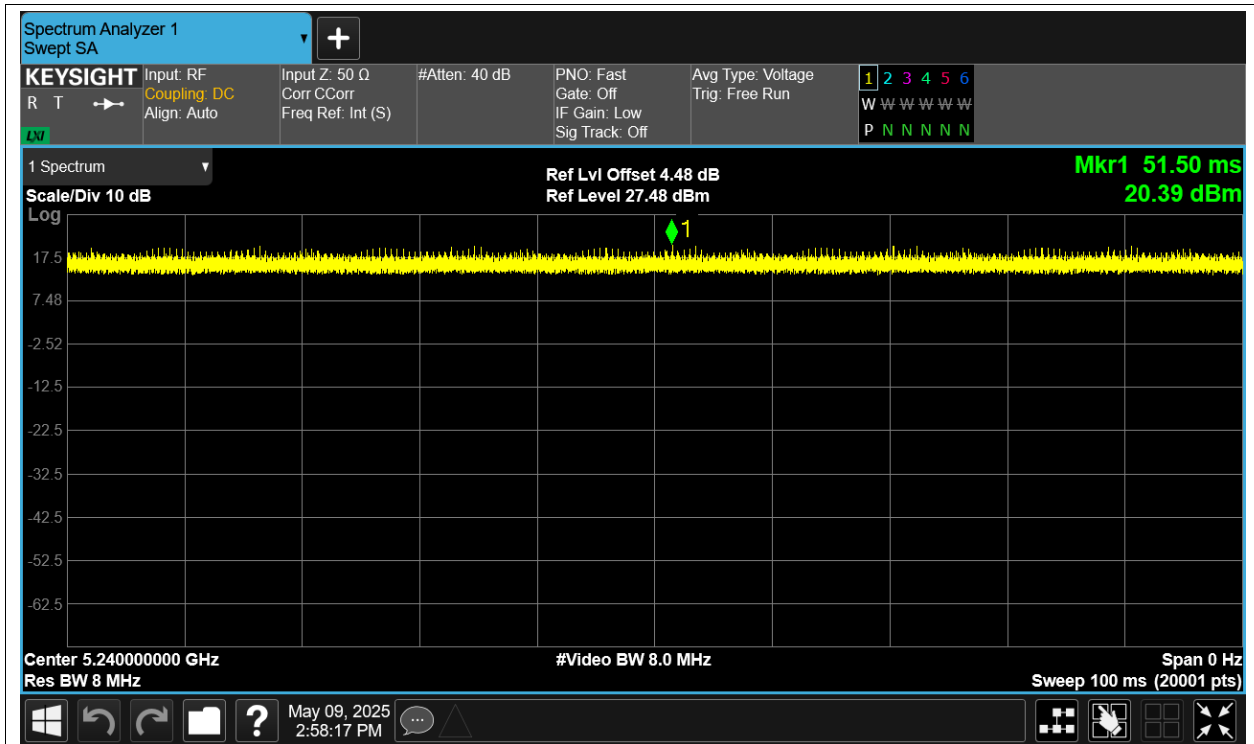
Freq. Stability NVNT n40 5190MHz Ant1



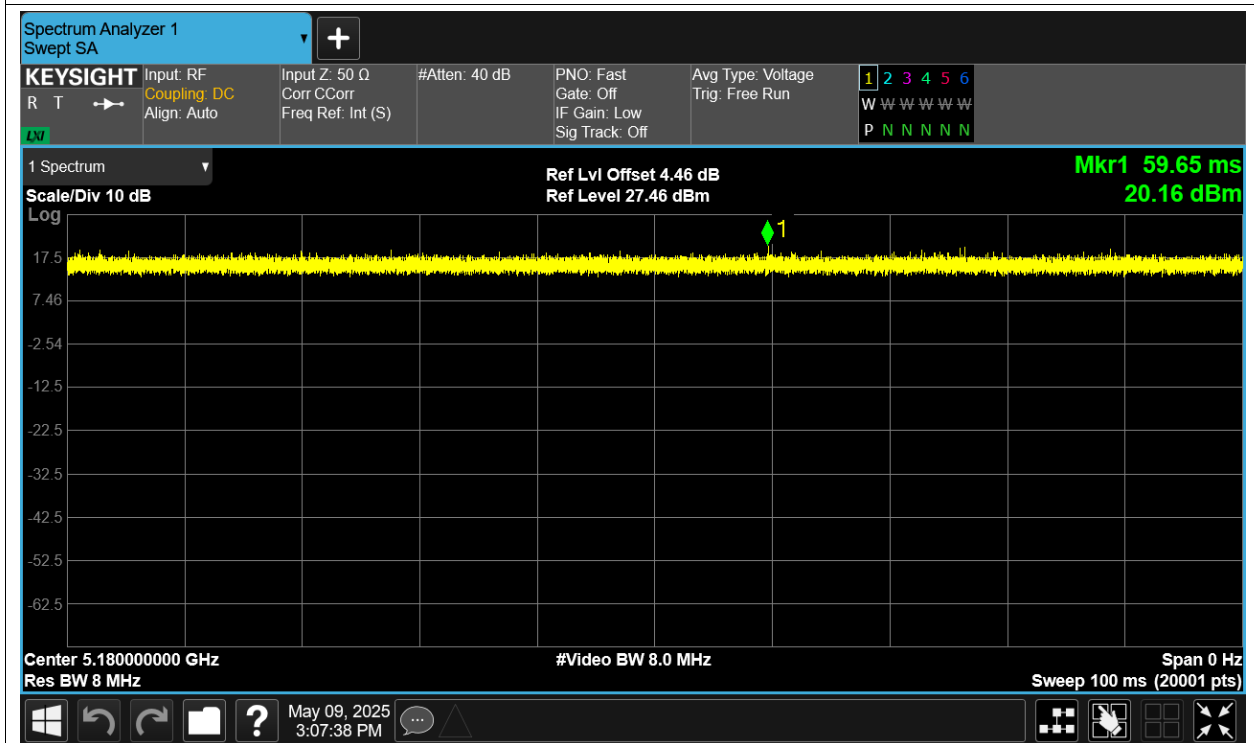
Duty Cycle

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	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

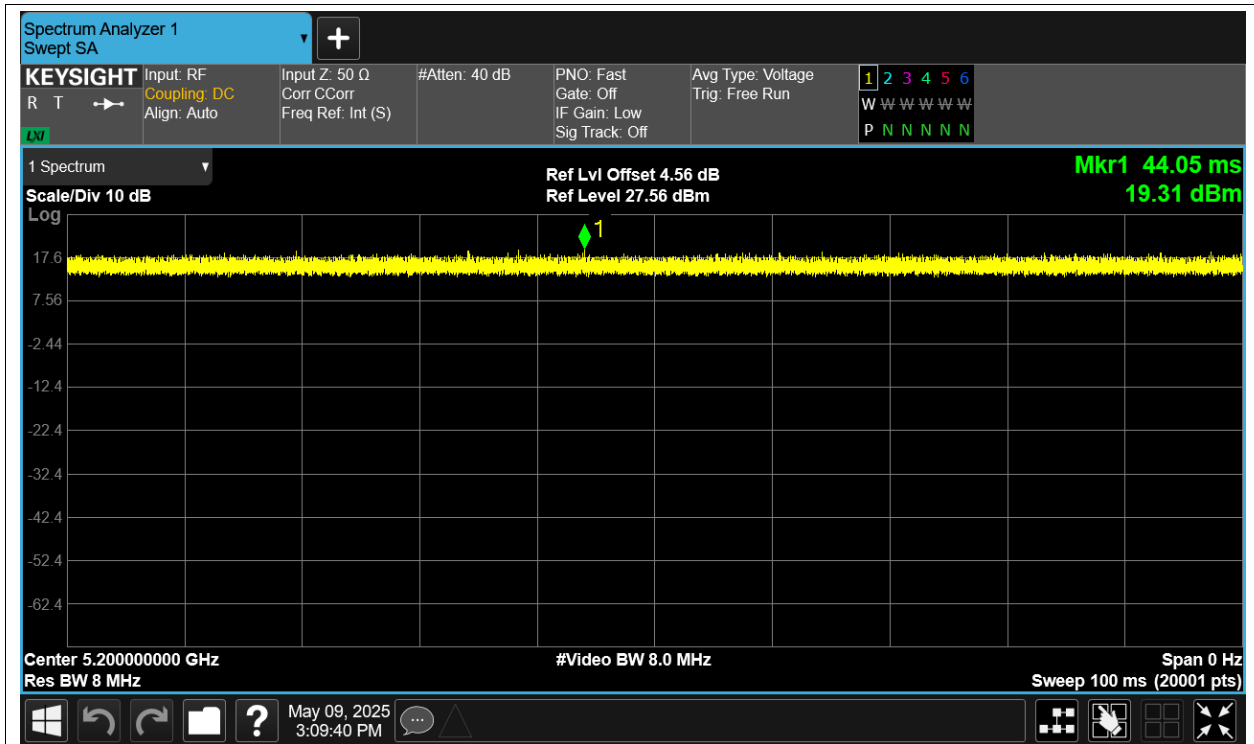




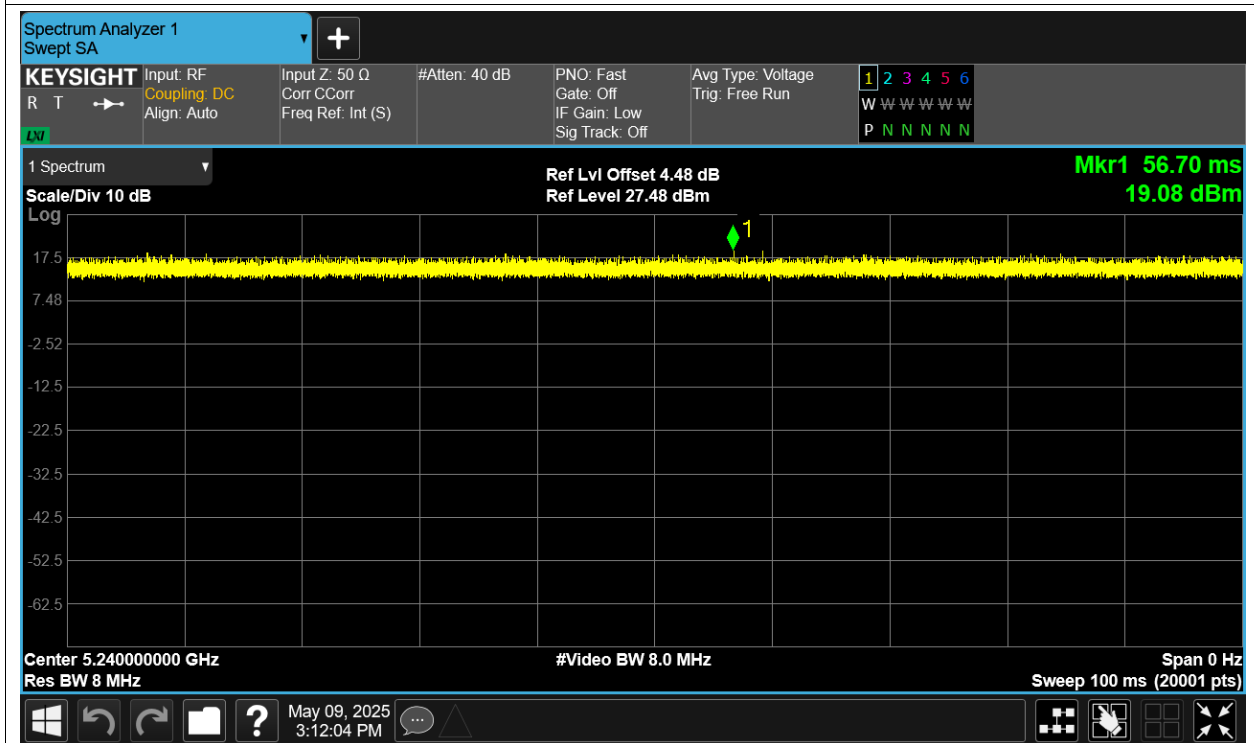
Duty Cycle NVNT ac20 5180MHz Ant1



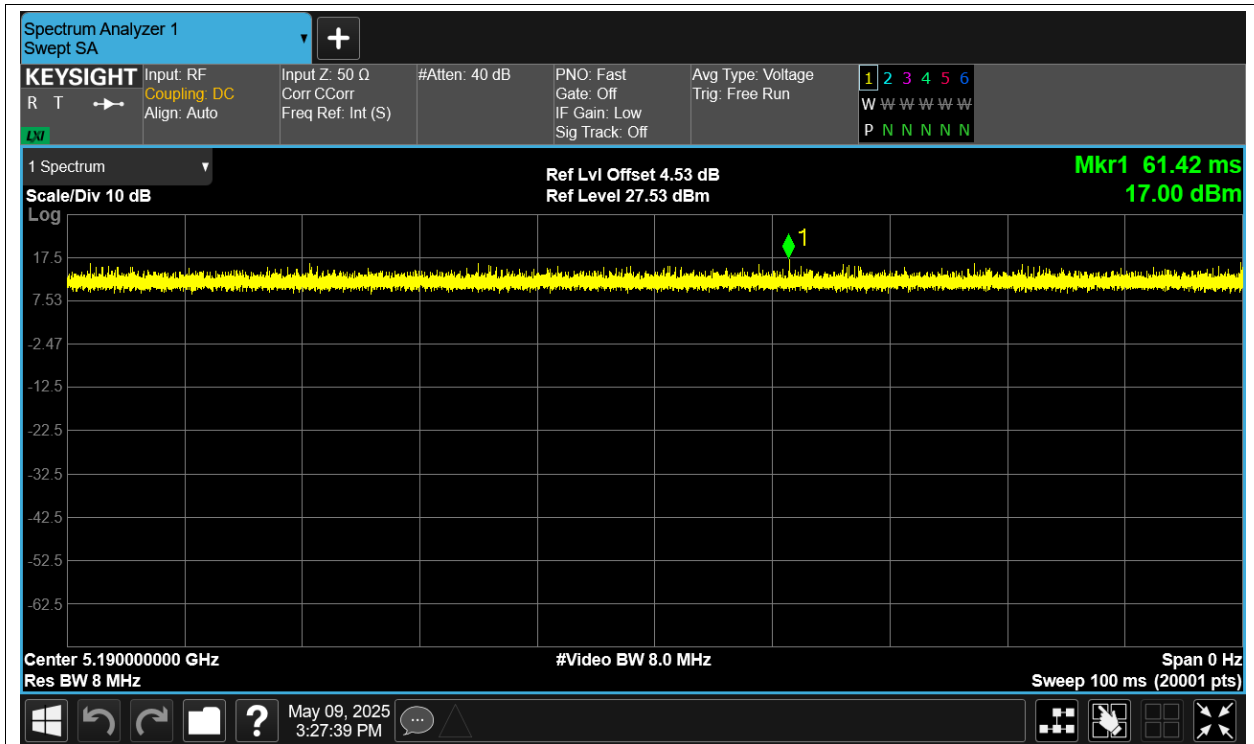
Duty Cycle NVNT ac20 5200MHz Ant1



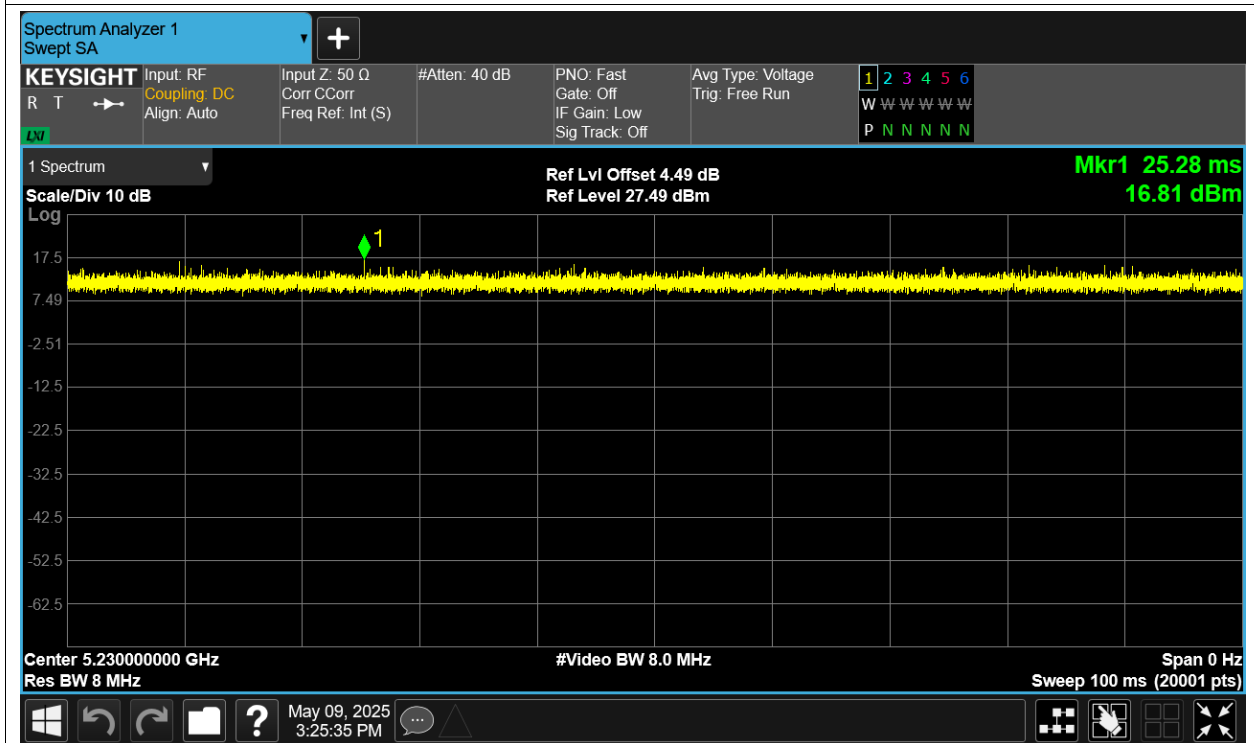
Duty Cycle NVNT ac20 5240MHz Ant1



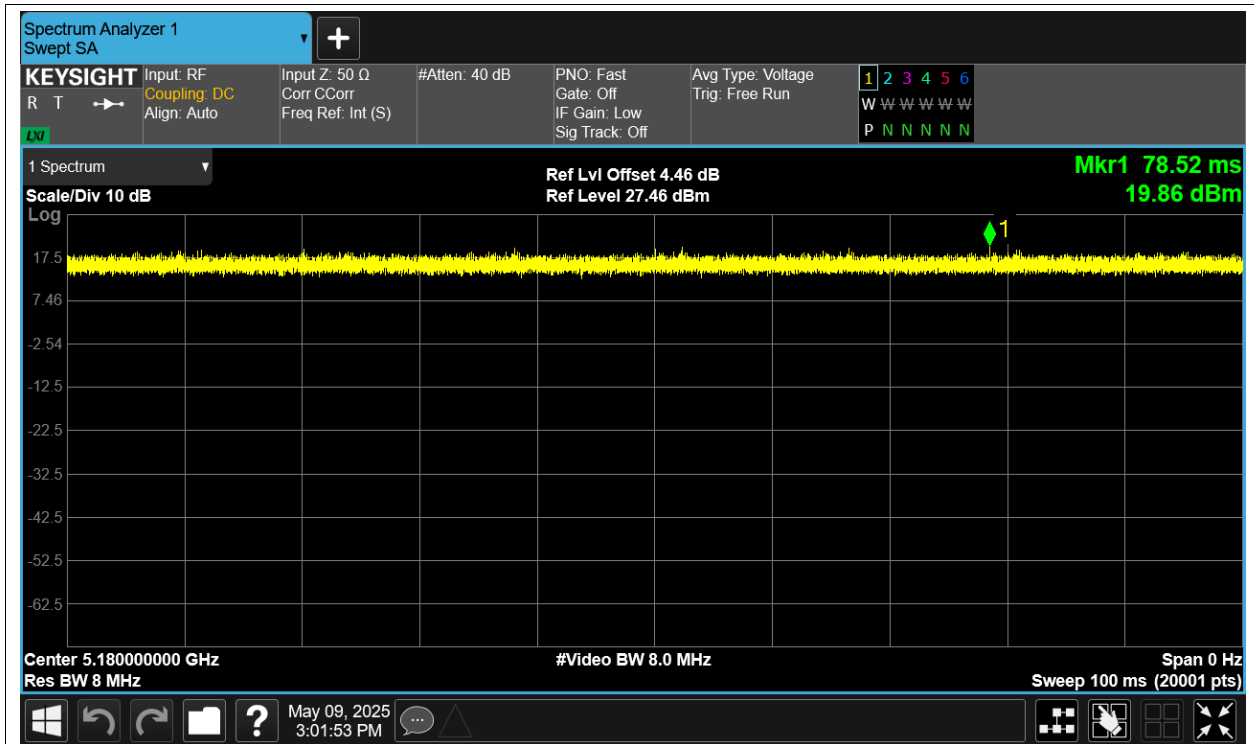
Duty Cycle NVNT ac40 5190MHz Ant1



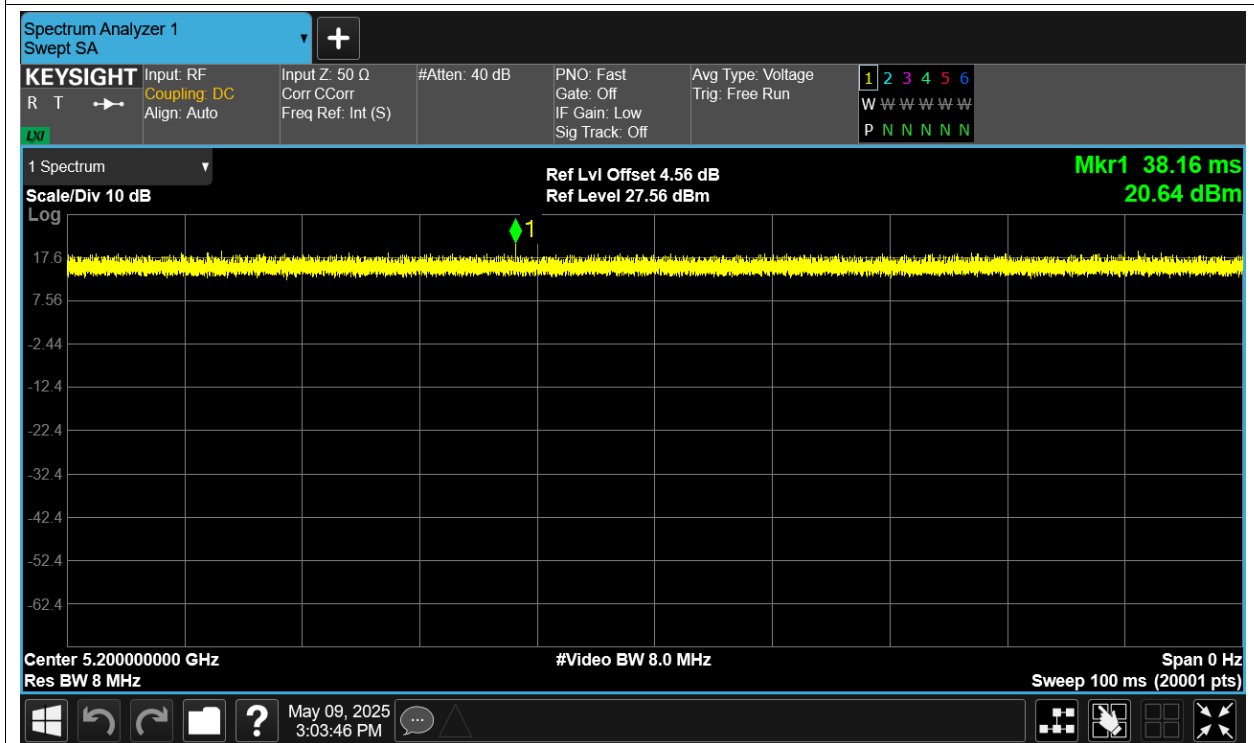
Duty Cycle NVNT ac40 5230MHz Ant1



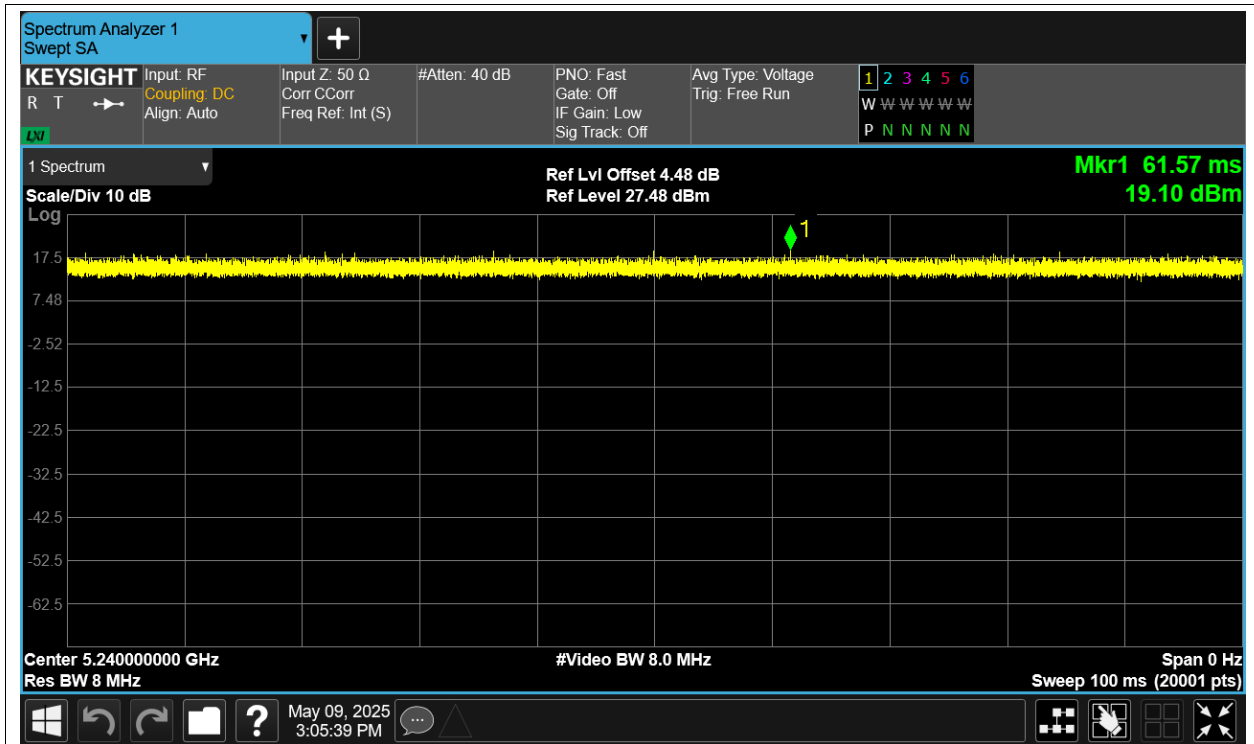
Duty Cycle NVNT n20 5180MHz Ant1



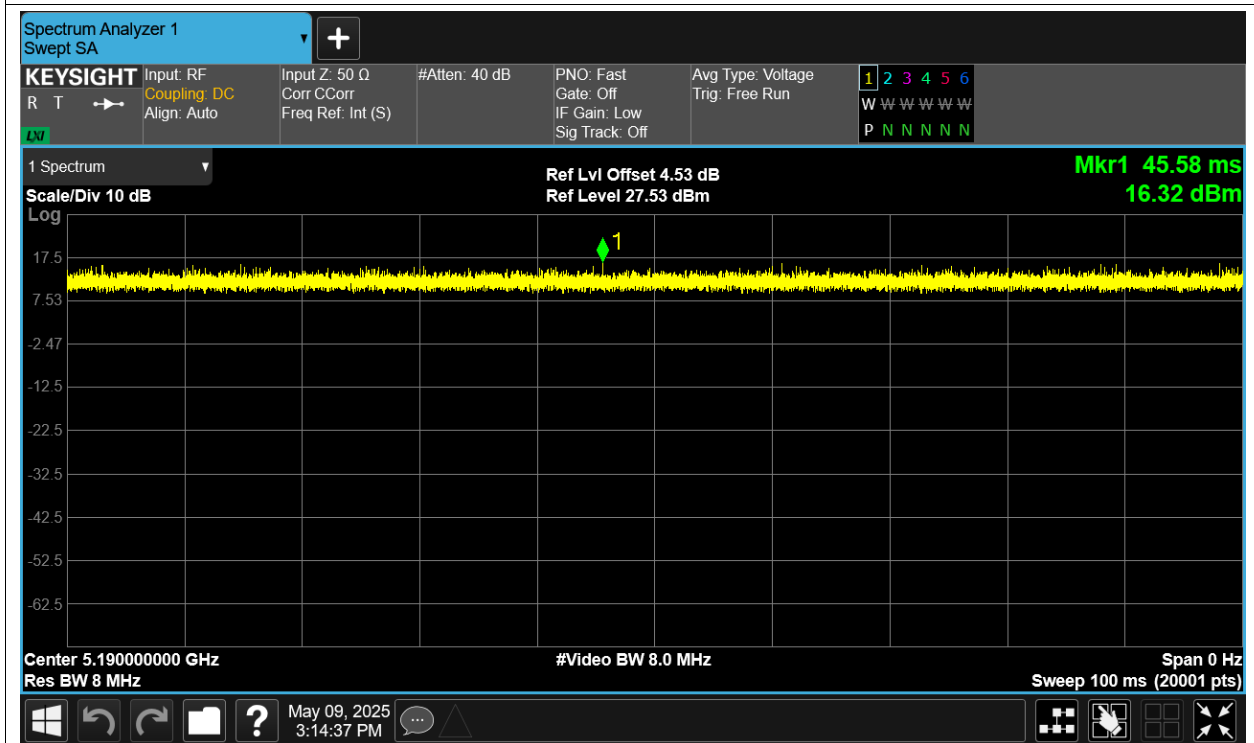
Duty Cycle NVNT n20 5200MHz Ant1



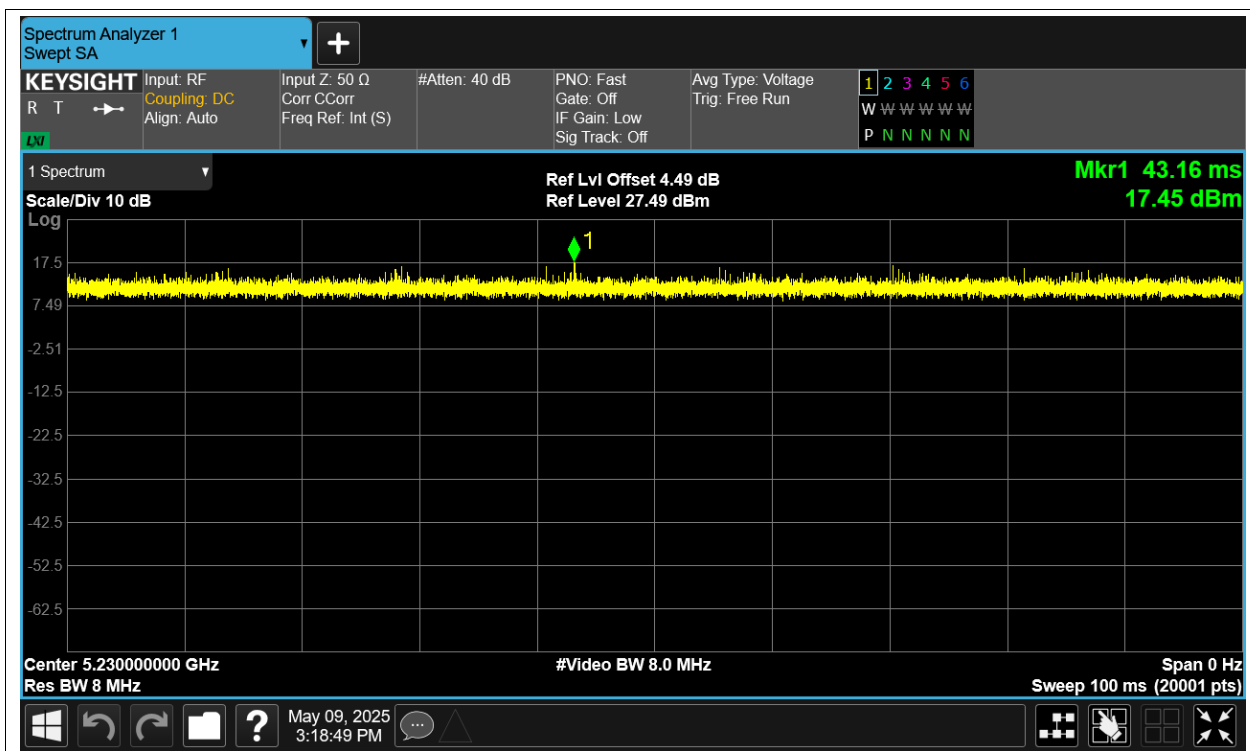
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

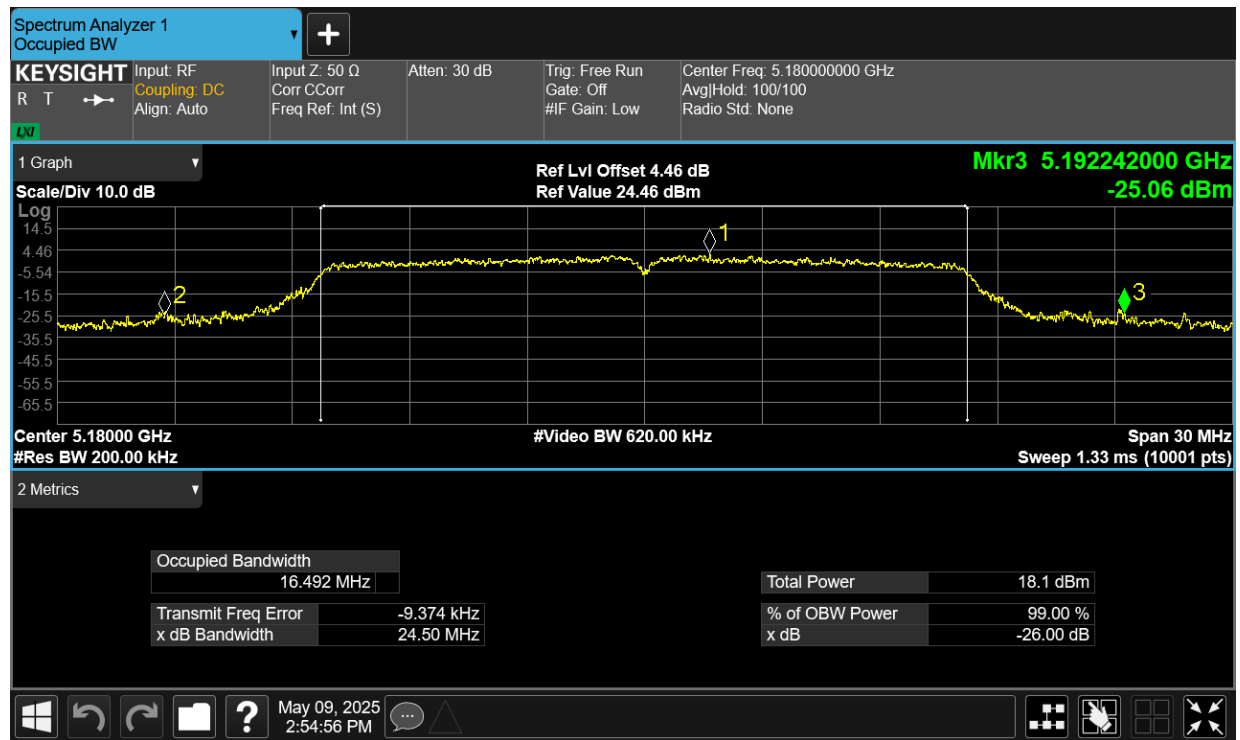
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.92	0	12.92	24	Pass
NVNT	a	5200	Ant1	12.88	0	12.88	24	Pass
NVNT	a	5240	Ant1	12.37	0	12.37	24	Pass
NVNT	ac20	5180	Ant1	12.01	0	12.01	24	Pass
NVNT	ac20	5200	Ant1	12.11	0	12.11	24	Pass
NVNT	ac20	5240	Ant1	11.4	0	11.4	24	Pass
NVNT	ac40	5190	Ant1	11.89	0	11.89	23	Pass
NVNT	ac40	5230	Ant1	11.37	0	11.37	24	Pass
NVNT	n20	5180	Ant1	12.07	0	12.07	24	Pass
NVNT	n20	5200	Ant1	12	0	12	24	Pass
NVNT	n20	5240	Ant1	11.38	0	11.38	24	Pass
NVNT	n40	5190	Ant1	11.92	0	11.92	24	Pass
NVNT	n40	5230	Ant1	11.3	0	11.3	24	Pass

-26dB Bandwidth

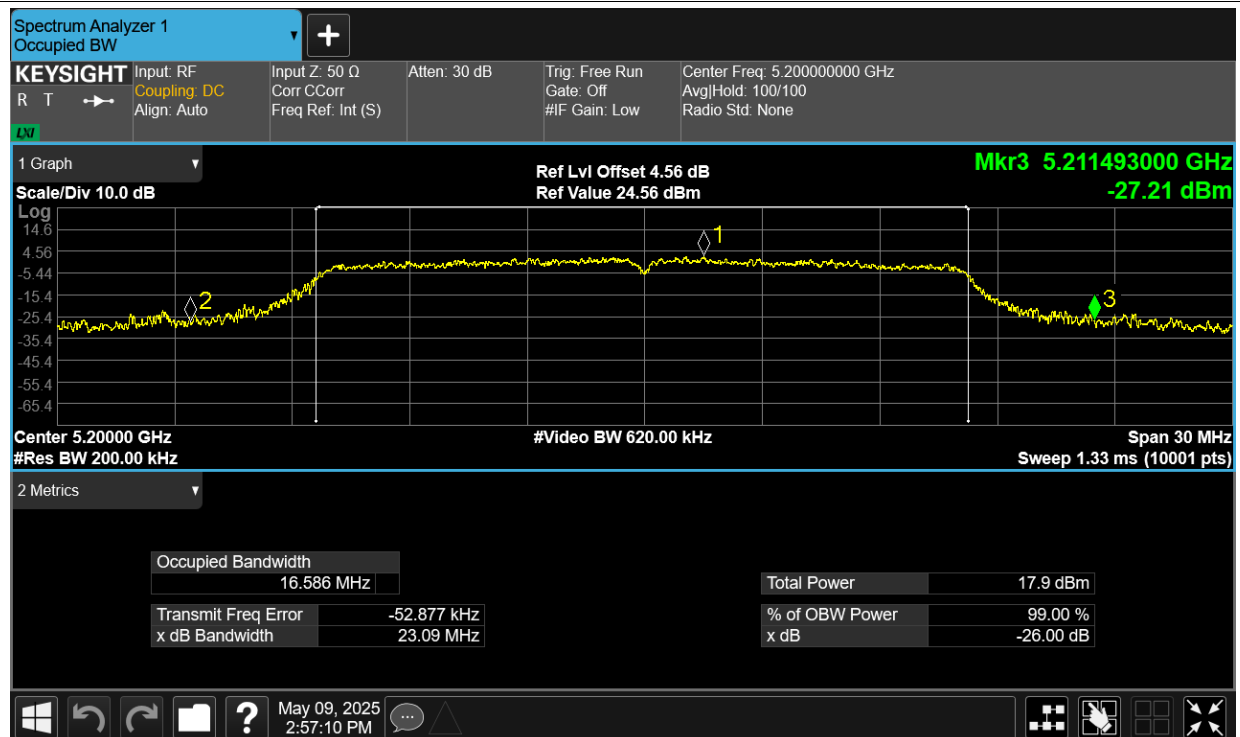
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	24.502
NVNT	a	5200	Ant1	23.091
NVNT	a	5240	Ant1	23.617
NVNT	ac20	5180	Ant1	20.316
NVNT	ac20	5200	Ant1	20.354
NVNT	ac20	5240	Ant1	21.78
NVNT	ac40	5190	Ant1	39.455
NVNT	ac40	5230	Ant1	41.83
NVNT	n20	5180	Ant1	19.738
NVNT	n20	5200	Ant1	19.892
NVNT	n20	5240	Ant1	19.791
NVNT	n40	5190	Ant1	39.427
NVNT	n40	5230	Ant1	39.3

Test Graphs

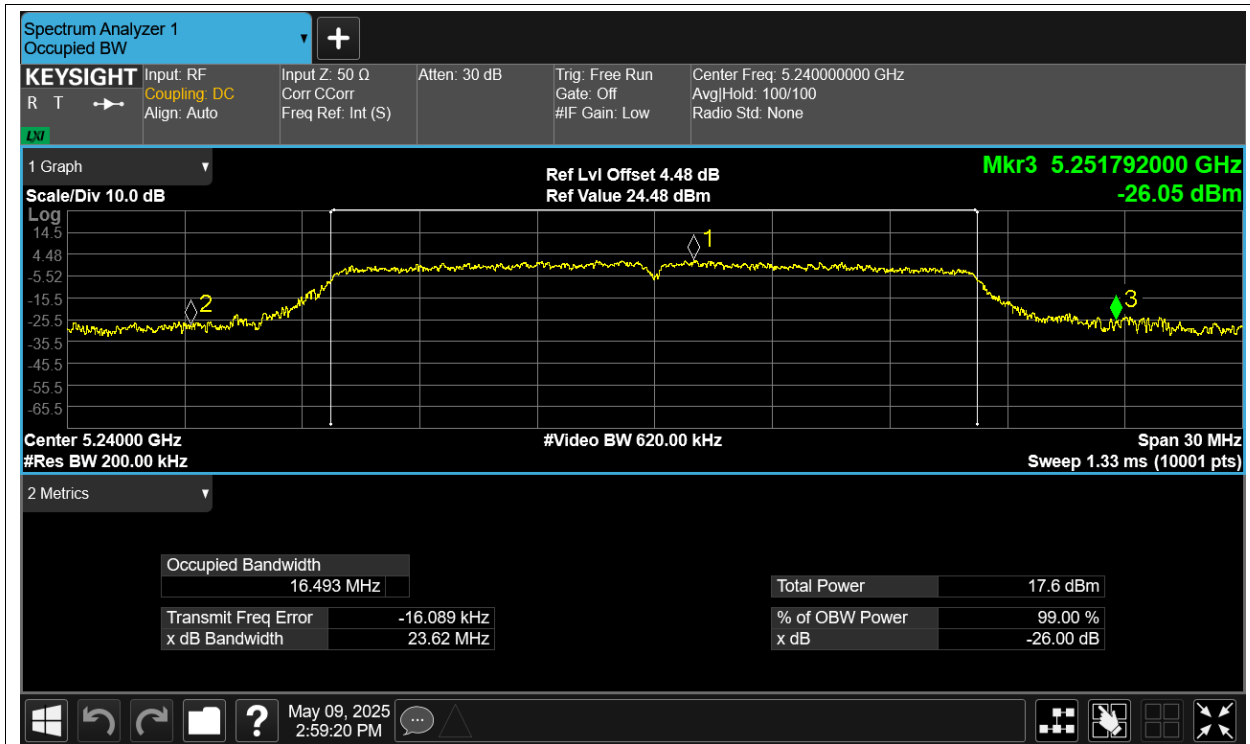
-26dB Bandwidth NVNT a 5180MHz Ant1



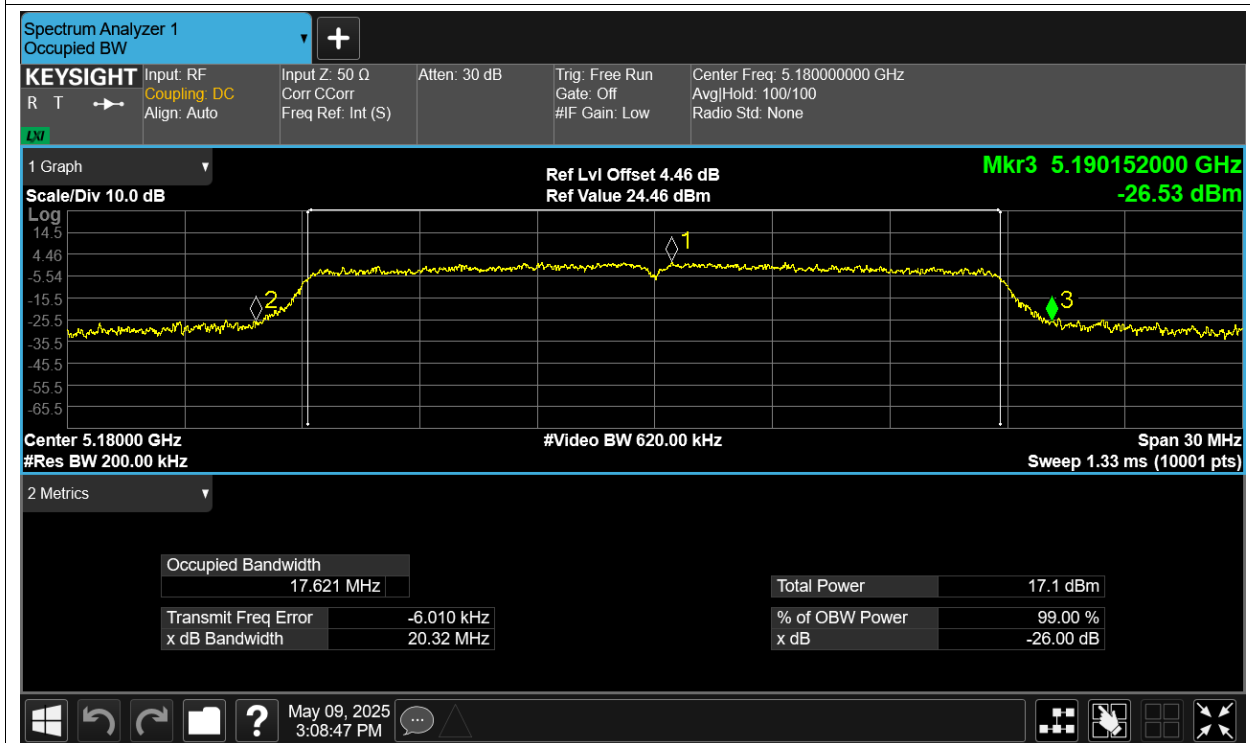
-26dB Bandwidth NVNT a 5200MHz Ant1



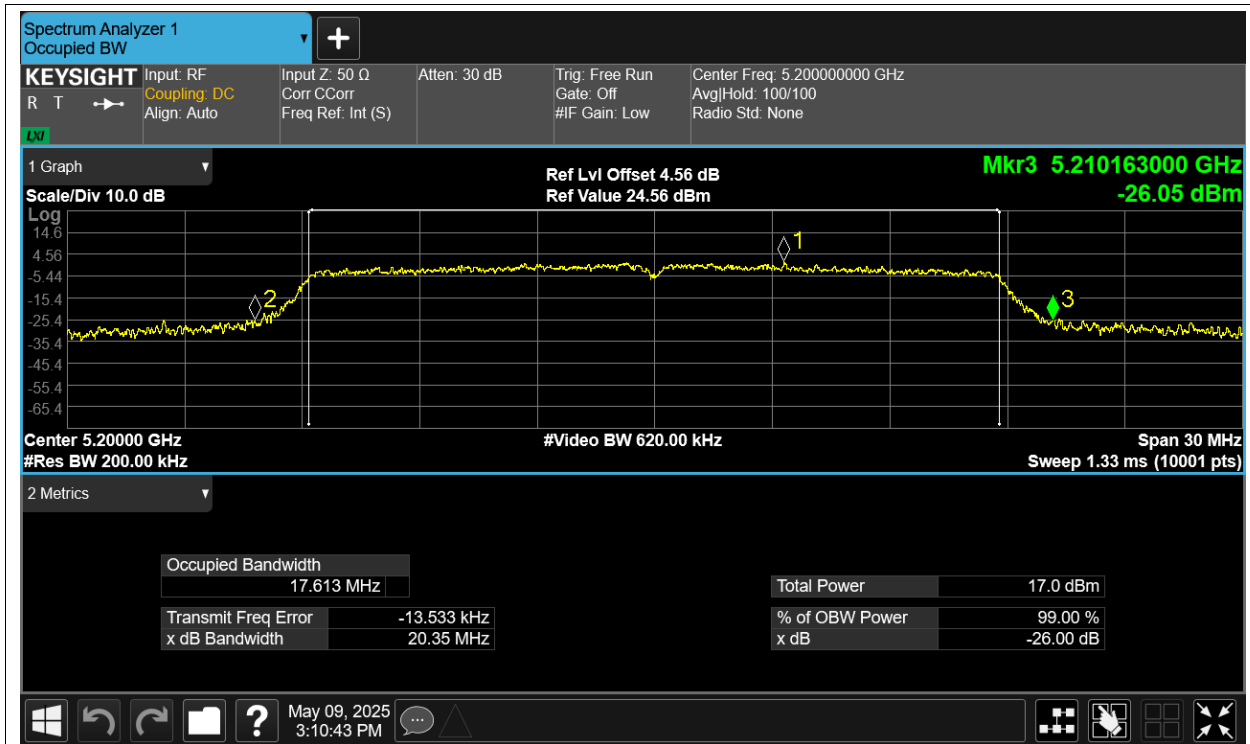
-26dB Bandwidth NVNT a 5240MHz Ant1



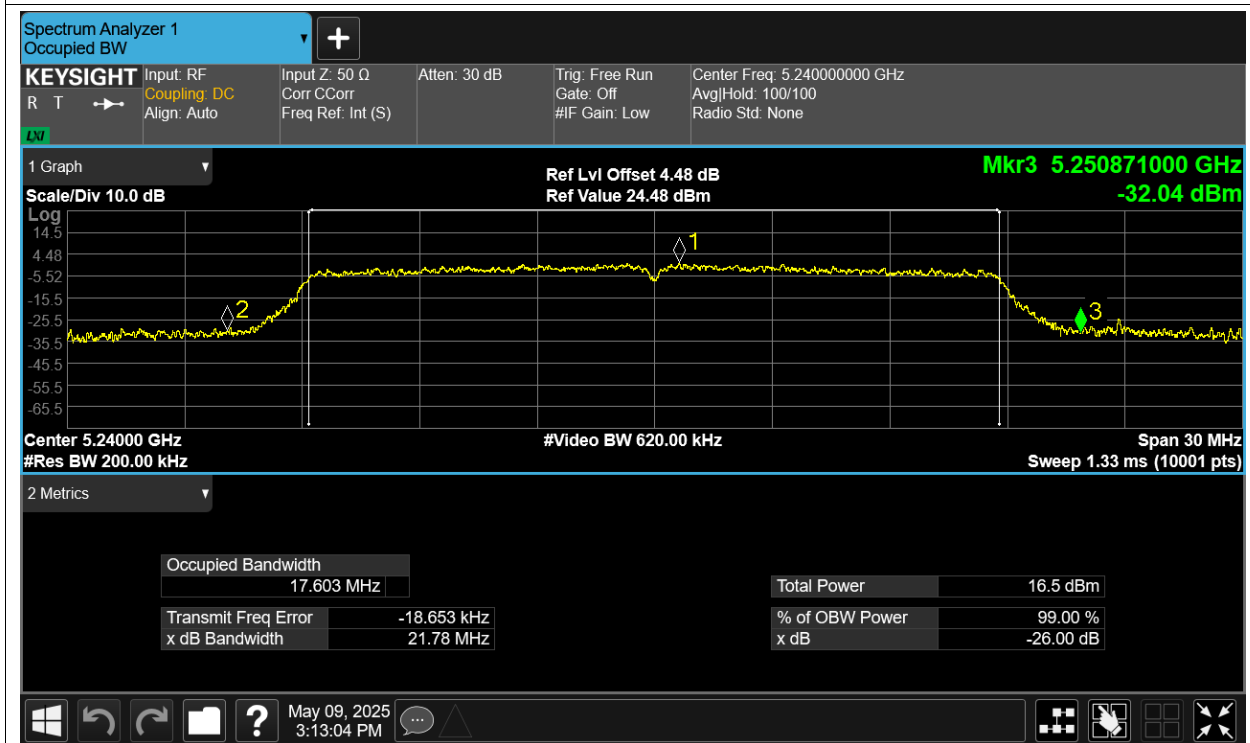
-26dB Bandwidth NVNT ac20 5180MHz Ant1



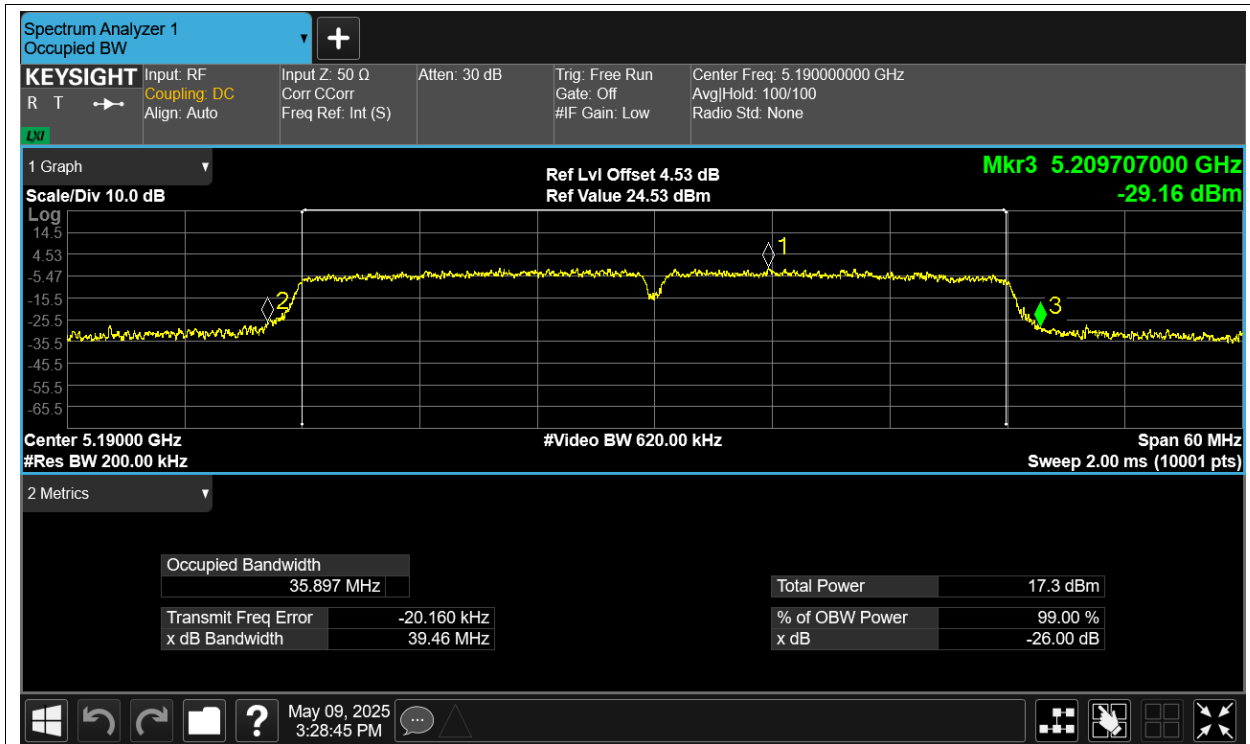
-26dB Bandwidth NVNT ac20 5200MHz Ant1



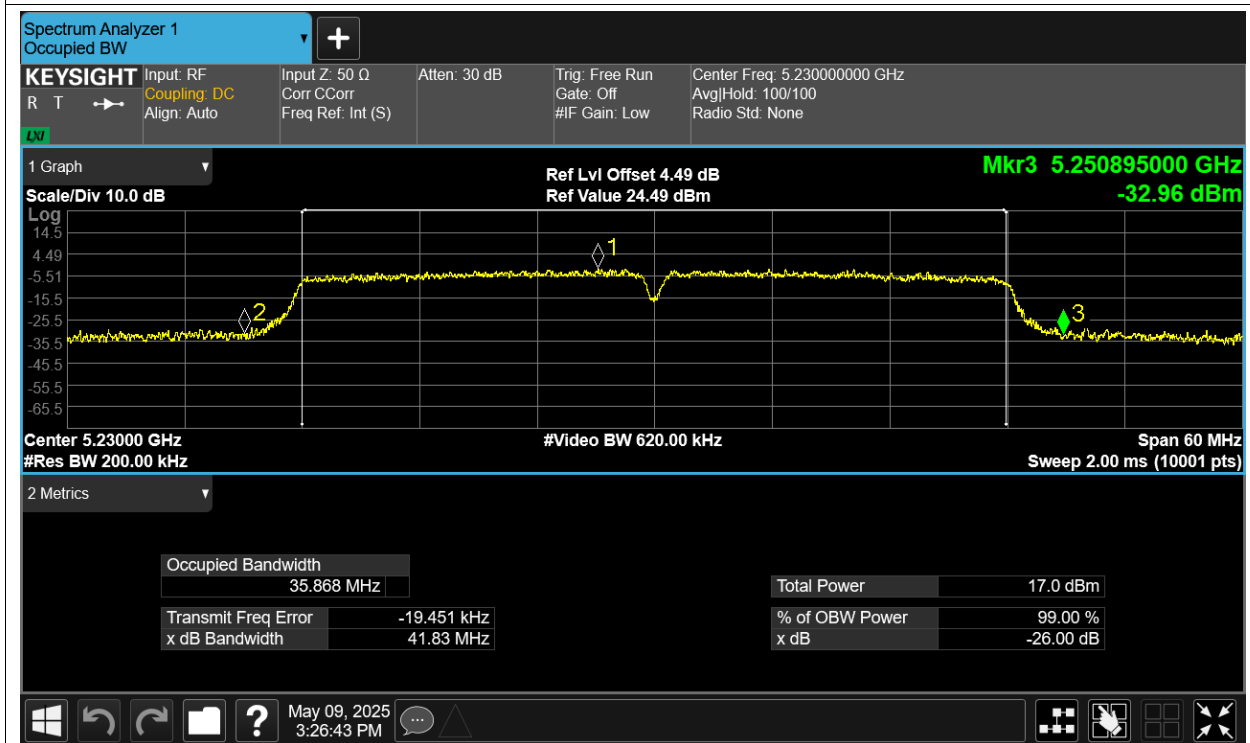
-26dB Bandwidth NVNT ac20 5240MHz Ant1



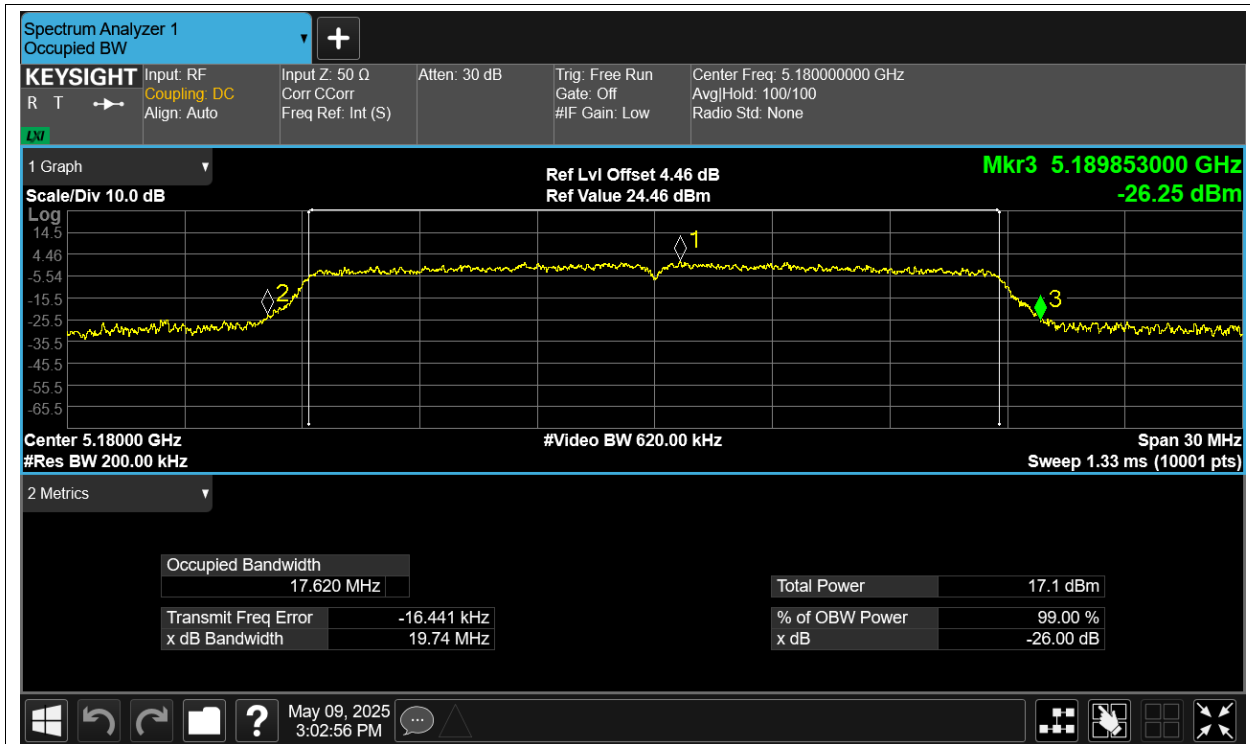
-26dB Bandwidth NVNT ac40 5190MHz Ant1



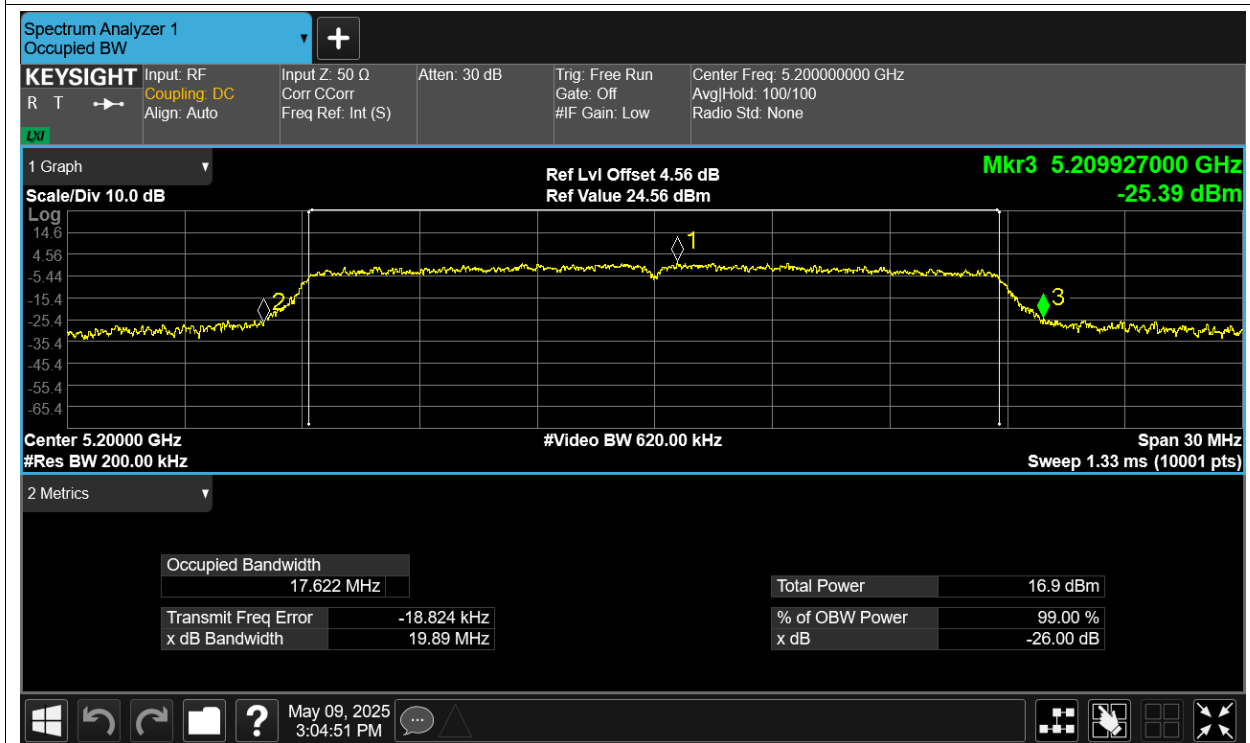
-26dB Bandwidth NVNT ac40 5230MHz Ant1



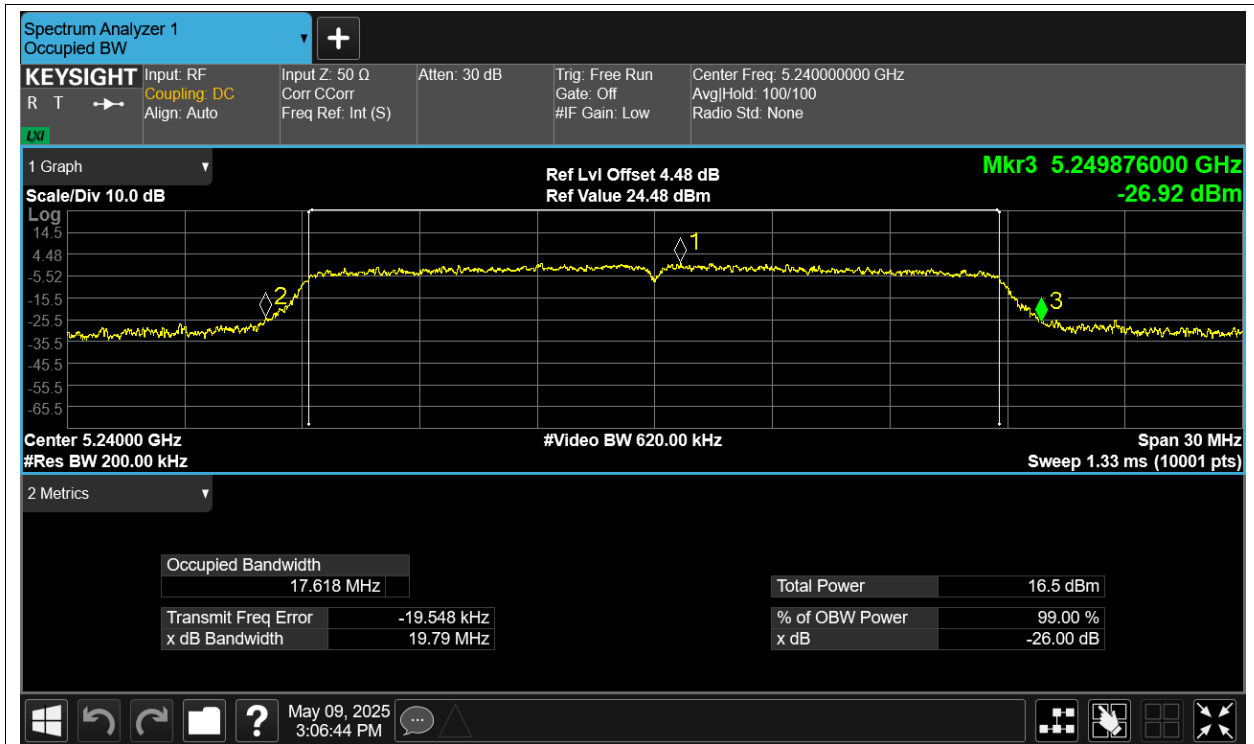
-26dB Bandwidth NVNT n20 5180MHz Ant1



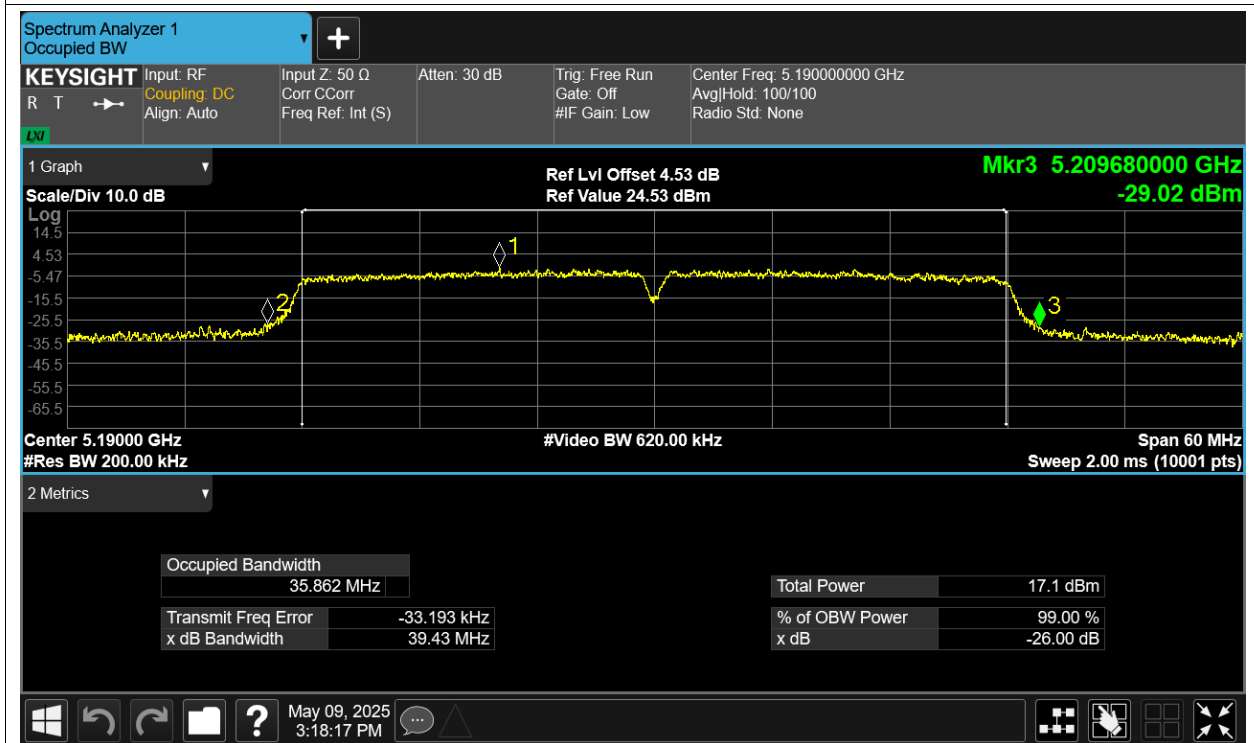
-26dB Bandwidth NVNT n20 5200MHz Ant1



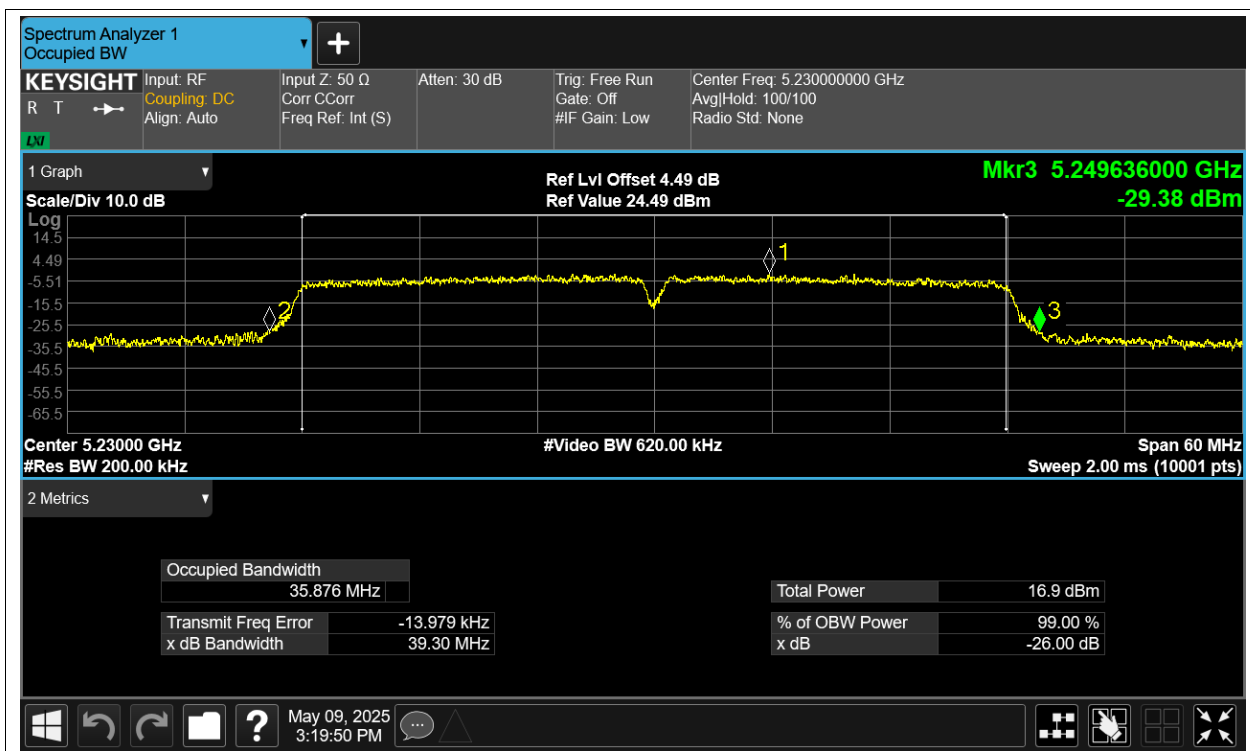
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

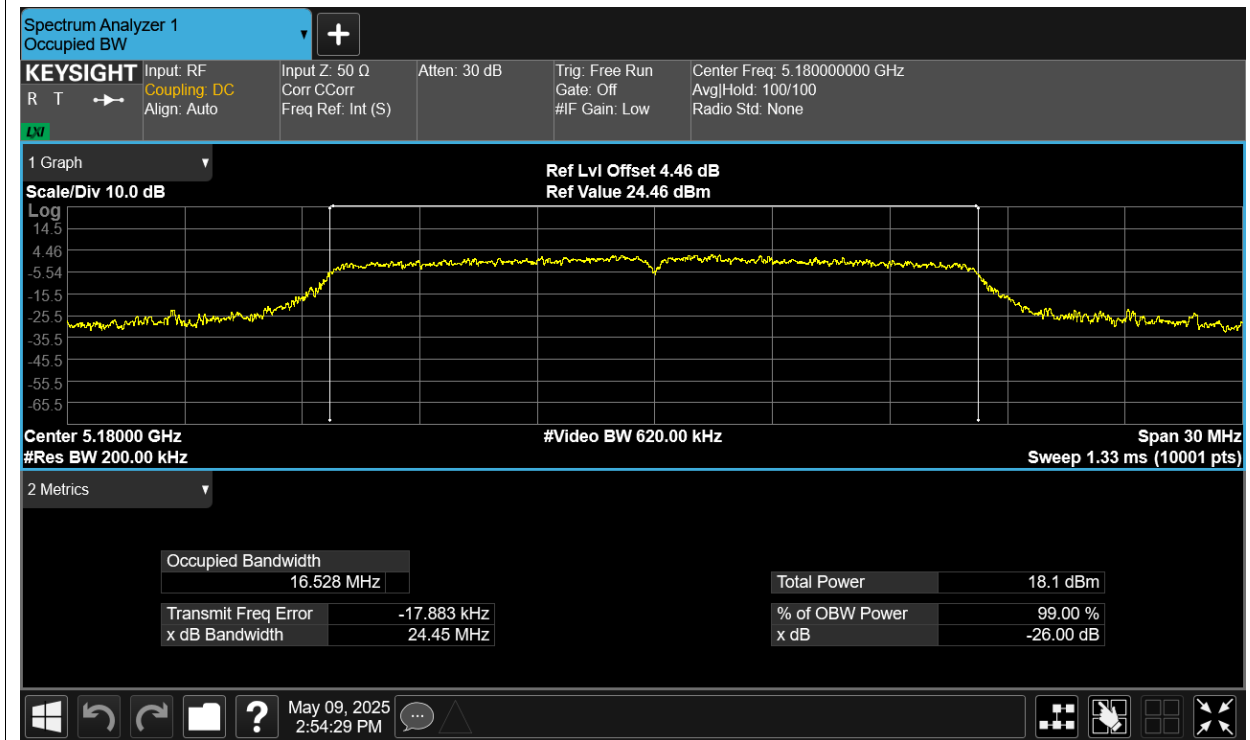


Occupied Channel Bandwidth

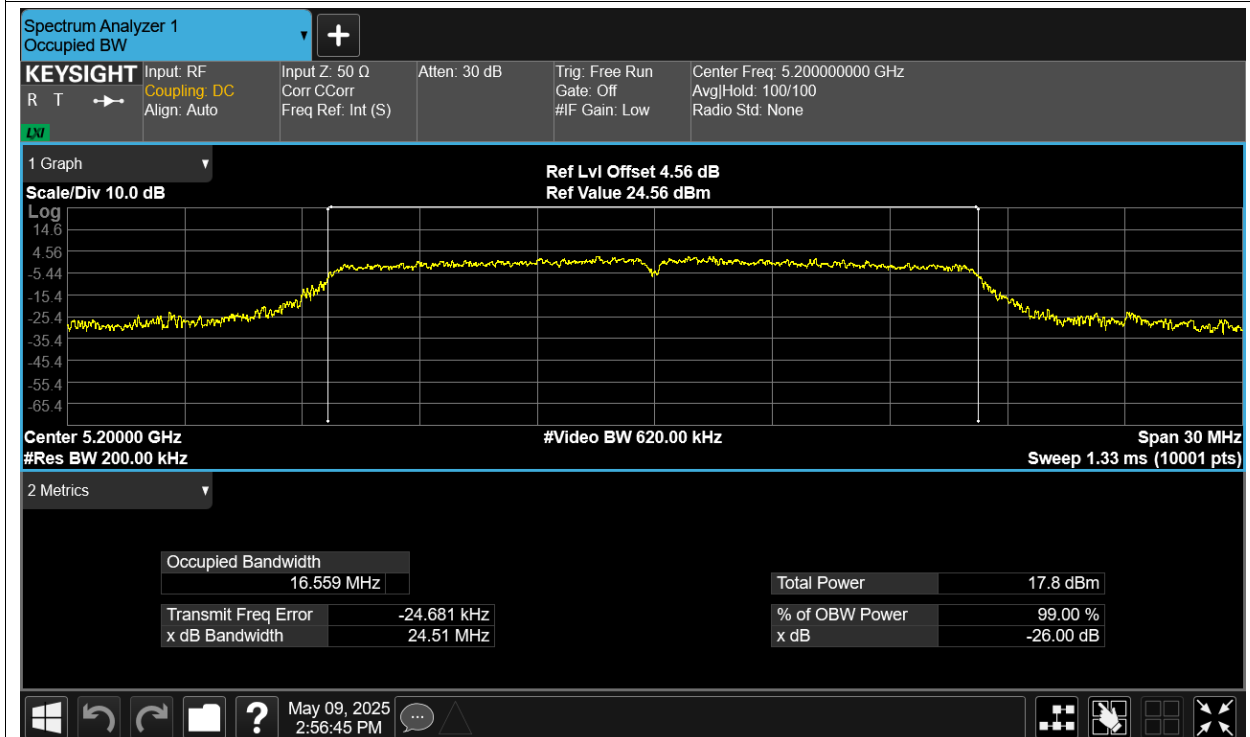
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.528
NVNT	a	5200	Ant1	16.559
NVNT	a	5240	Ant1	16.529
NVNT	ac20	5180	Ant1	17.618
NVNT	ac20	5200	Ant1	17.602
NVNT	ac20	5240	Ant1	17.604
NVNT	ac40	5190	Ant1	35.959
NVNT	ac40	5230	Ant1	35.942
NVNT	n20	5180	Ant1	17.619
NVNT	n20	5200	Ant1	17.607
NVNT	n20	5240	Ant1	17.604
NVNT	n40	5190	Ant1	35.963
NVNT	n40	5230	Ant1	35.917

Test Graphs

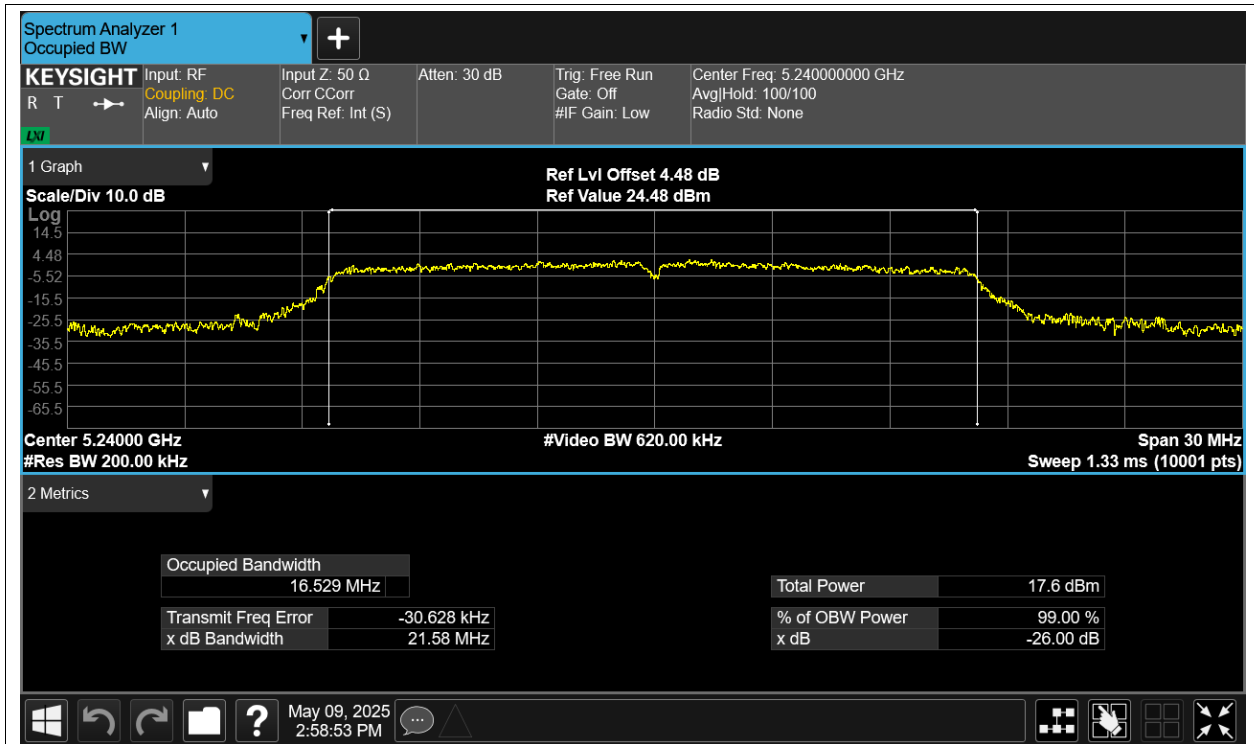
OBW NVNT a 5180MHz Ant1



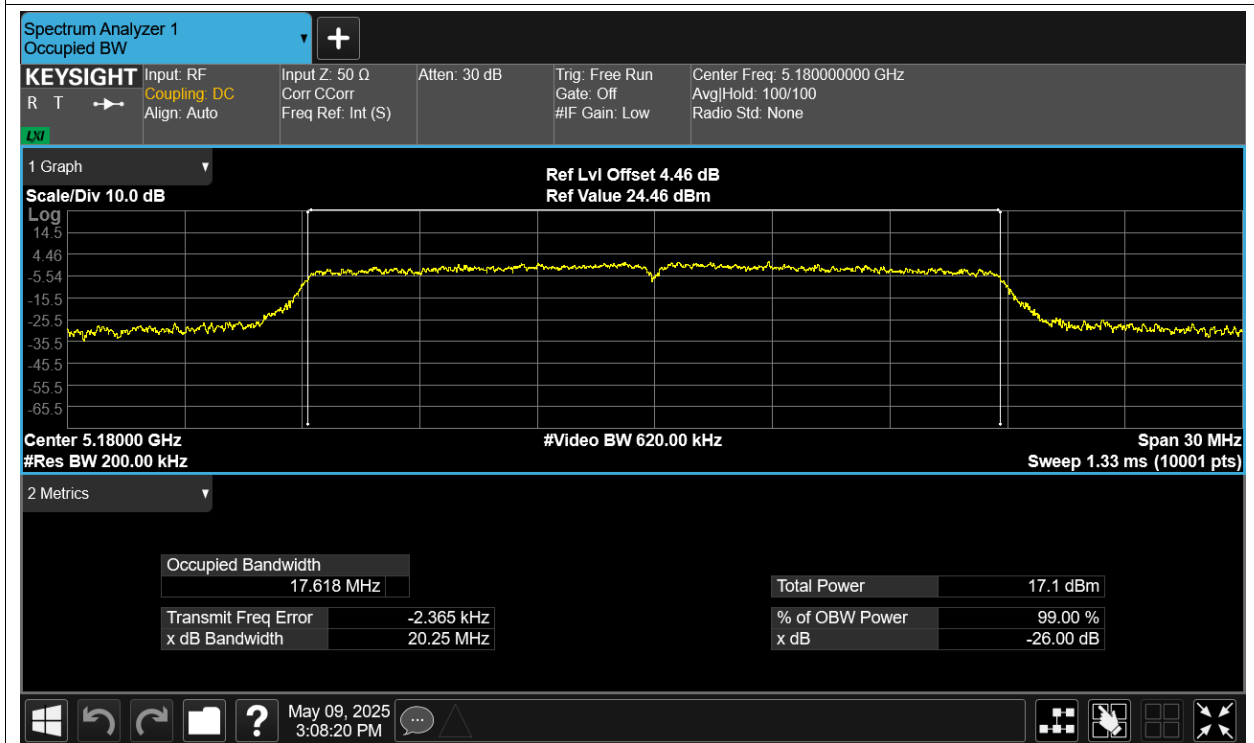
OBW NVNT a 5200MHz Ant1



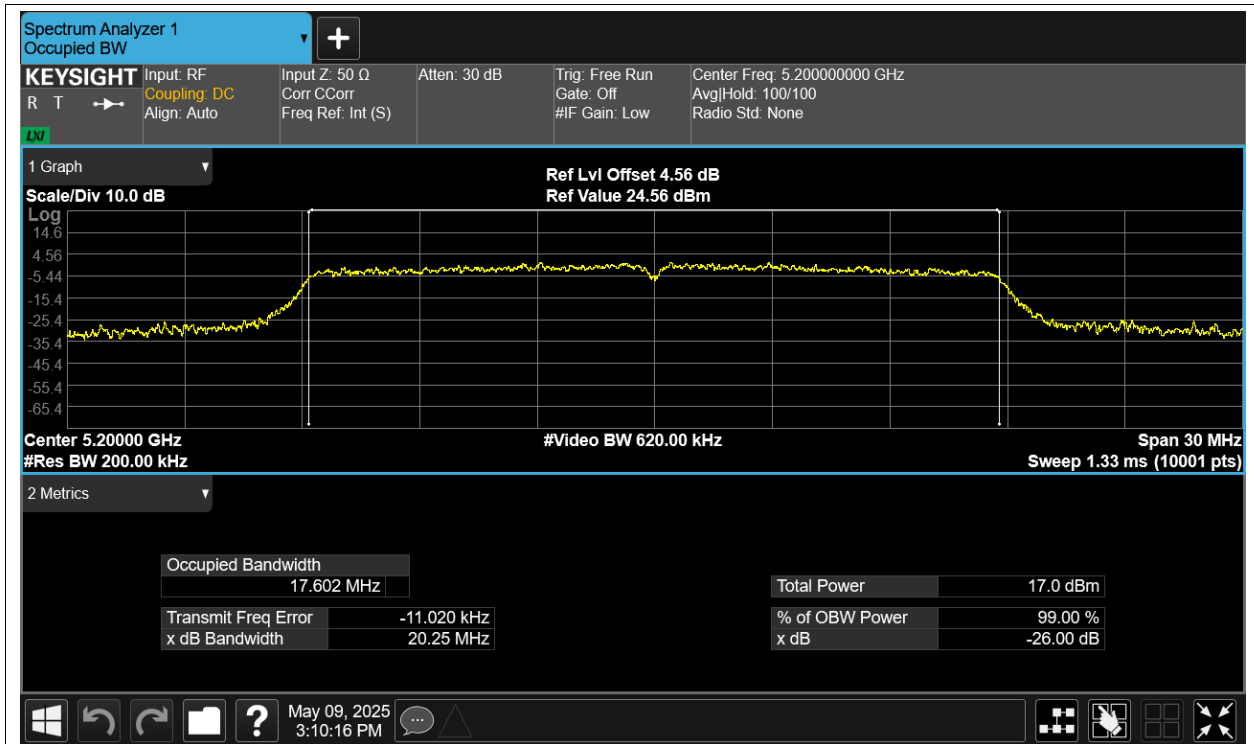
OBW NVNT a 5240MHz Ant1



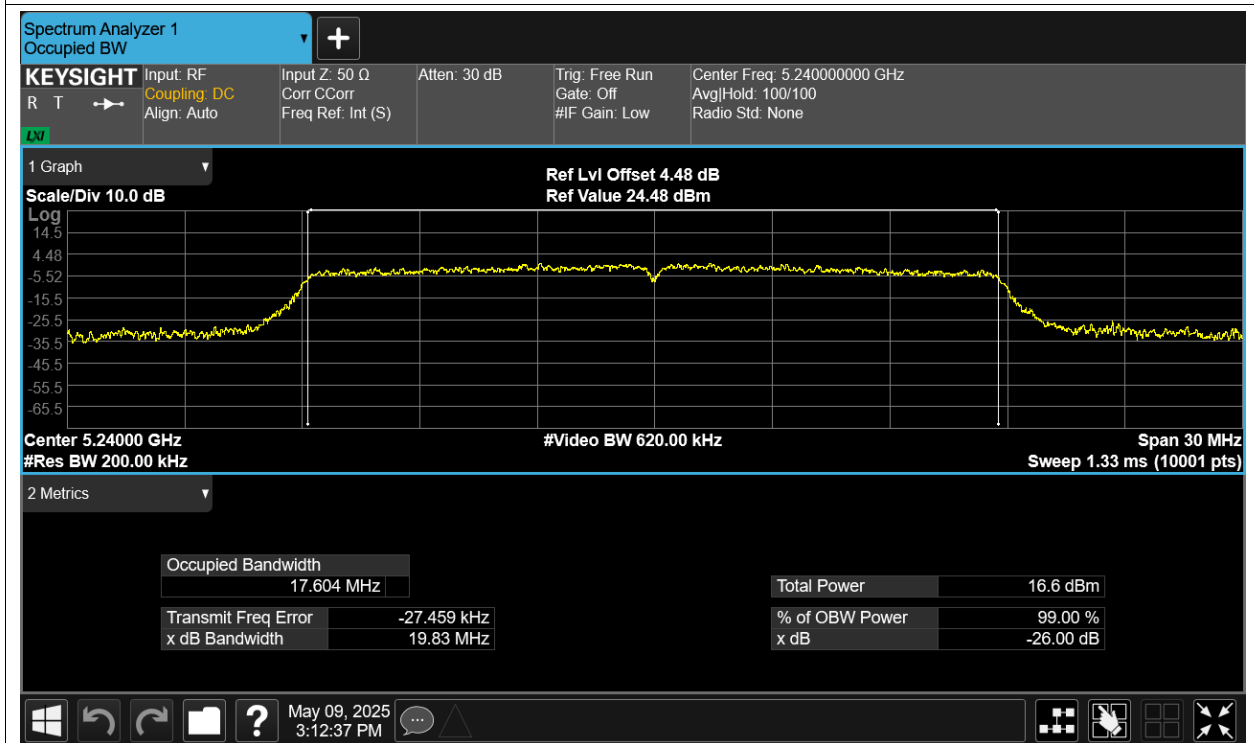
OBW NVNT ac20 5180MHz Ant1



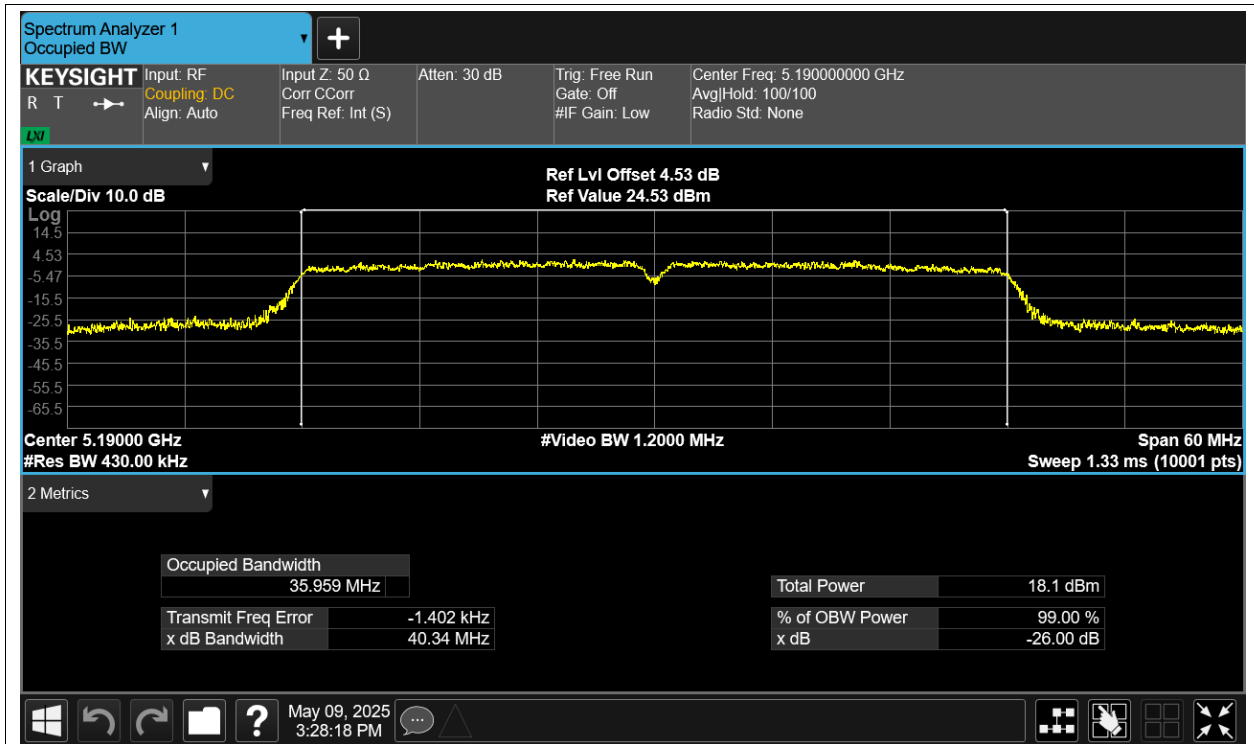
OBW NVNT ac20 5200MHz Ant1



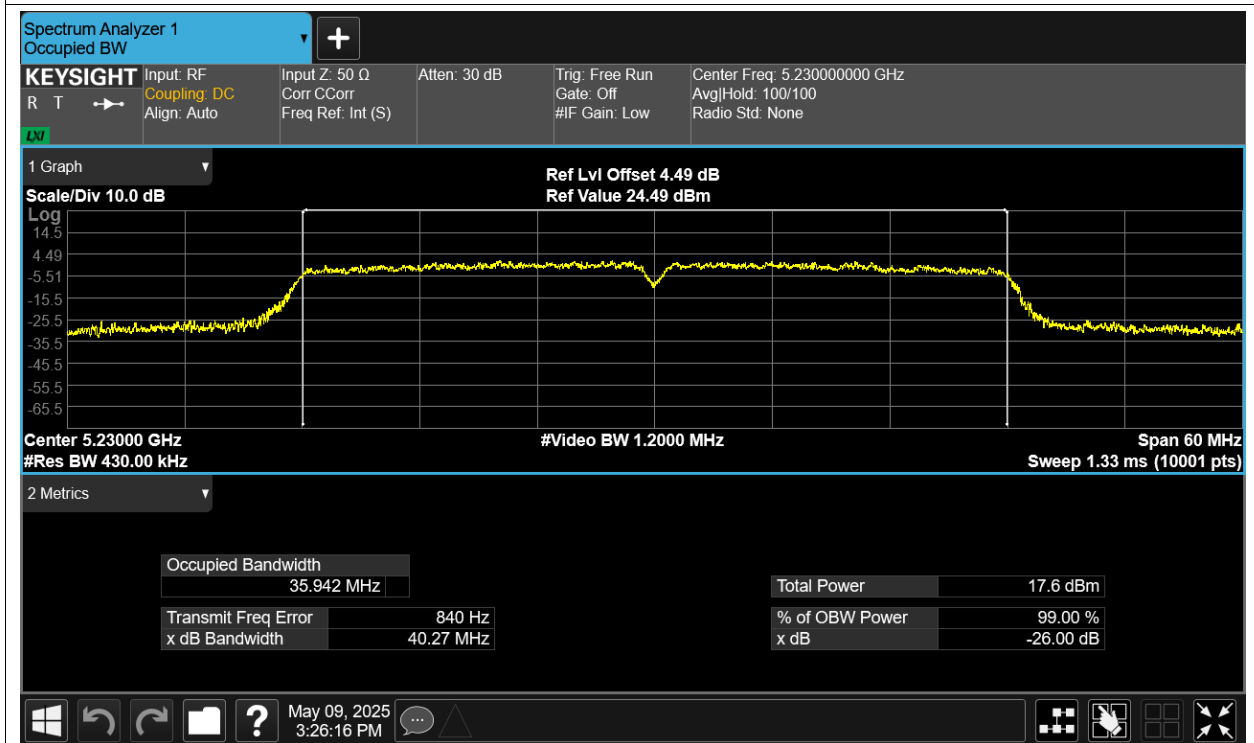
OBW NVNT ac20 5240MHz Ant1



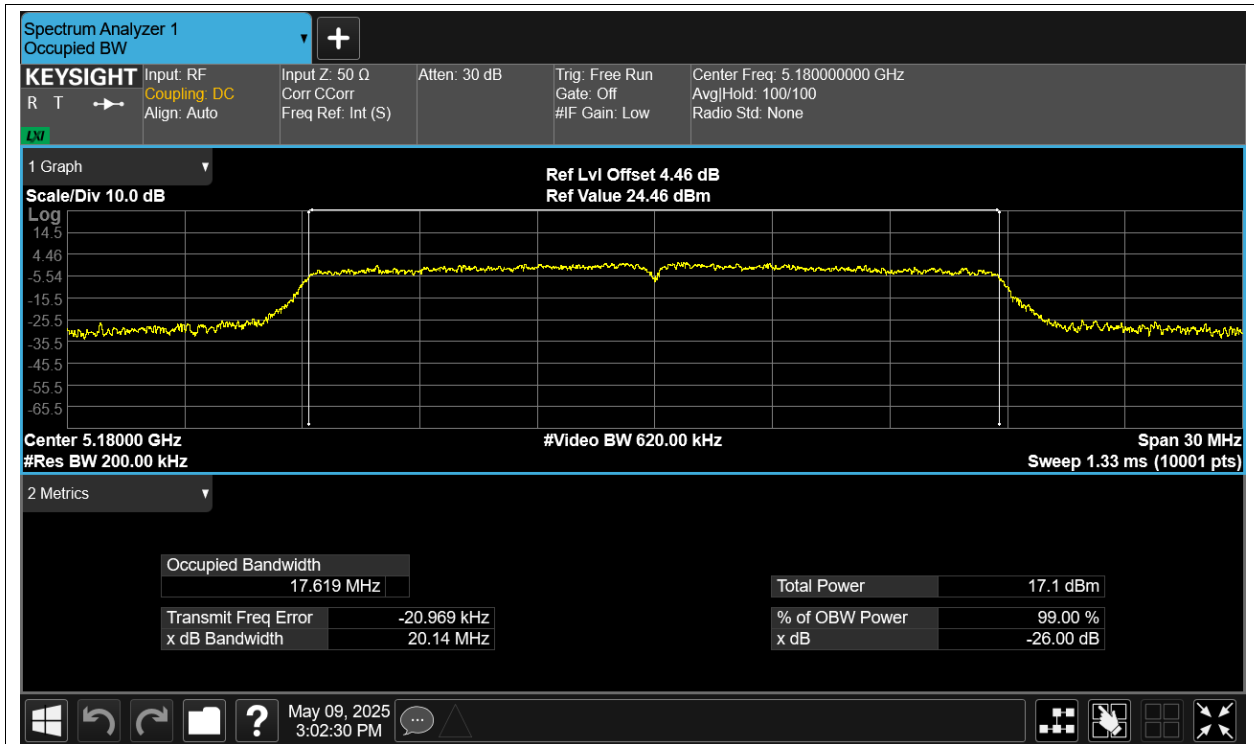
OBW NVNT ac40 5190MHz Ant1



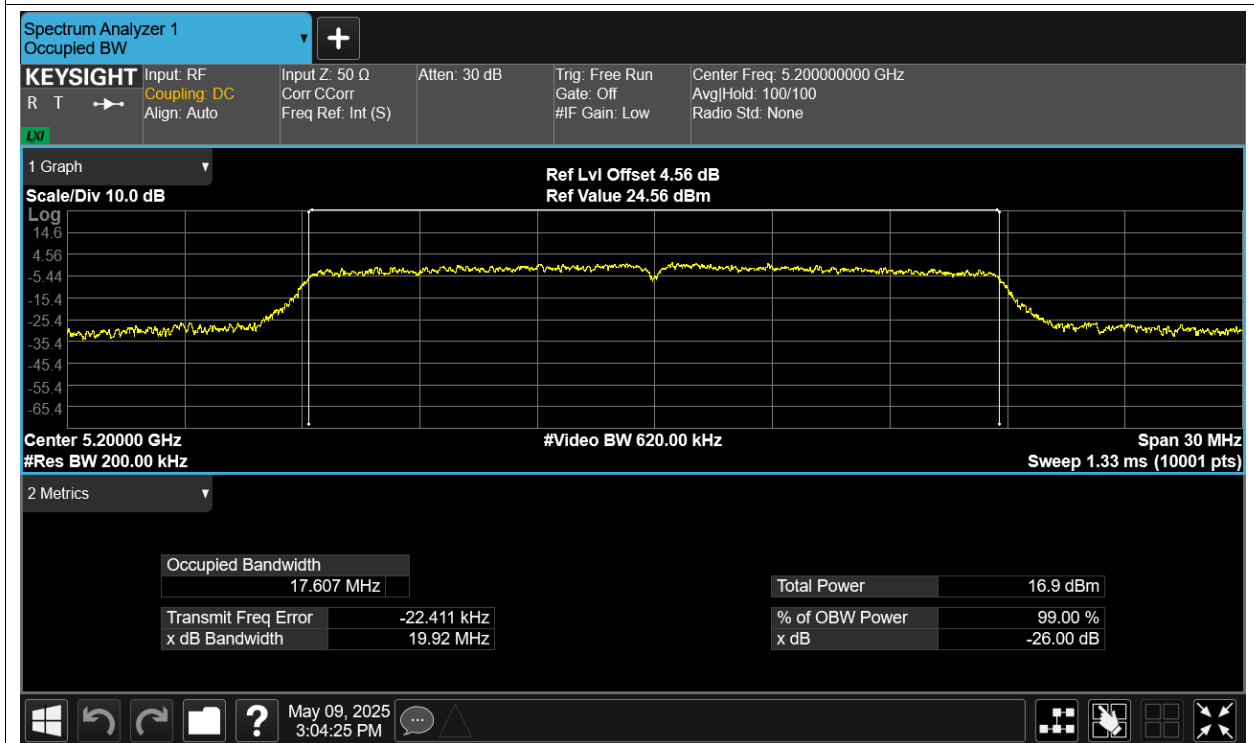
OBW NVNT ac40 5230MHz Ant1



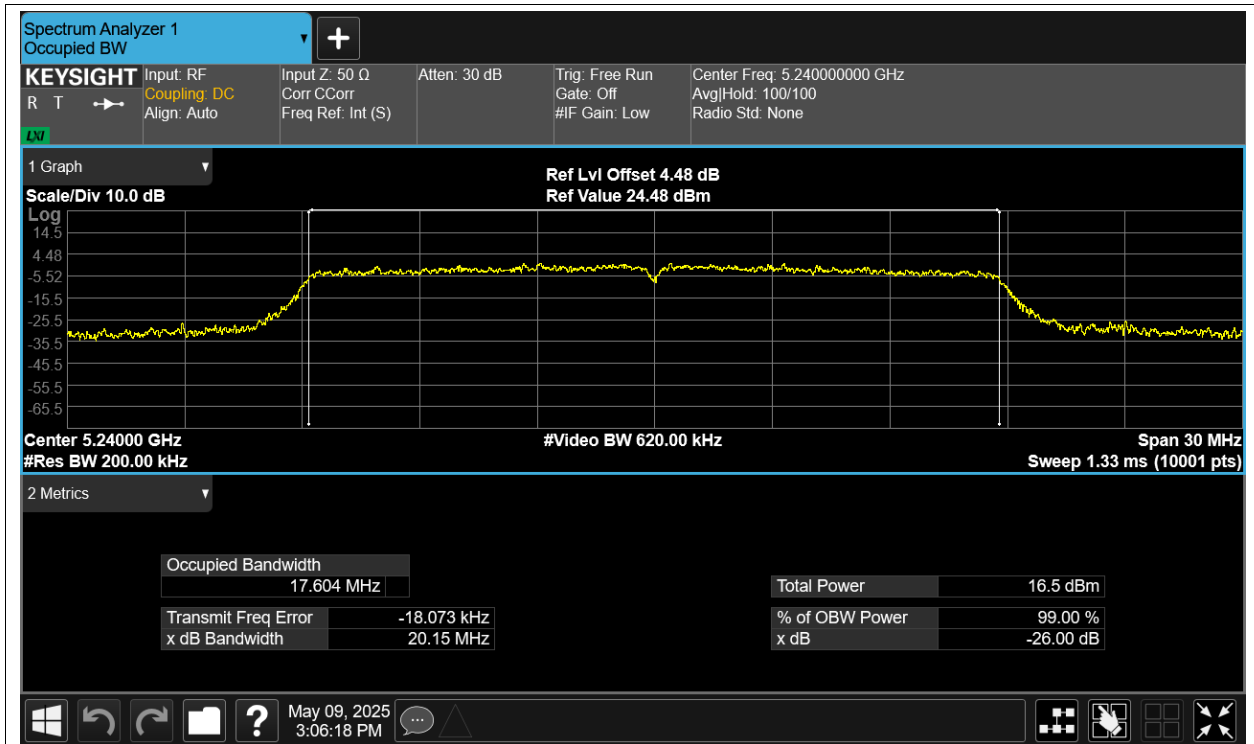
OBW NVNT n20 5180MHz Ant1



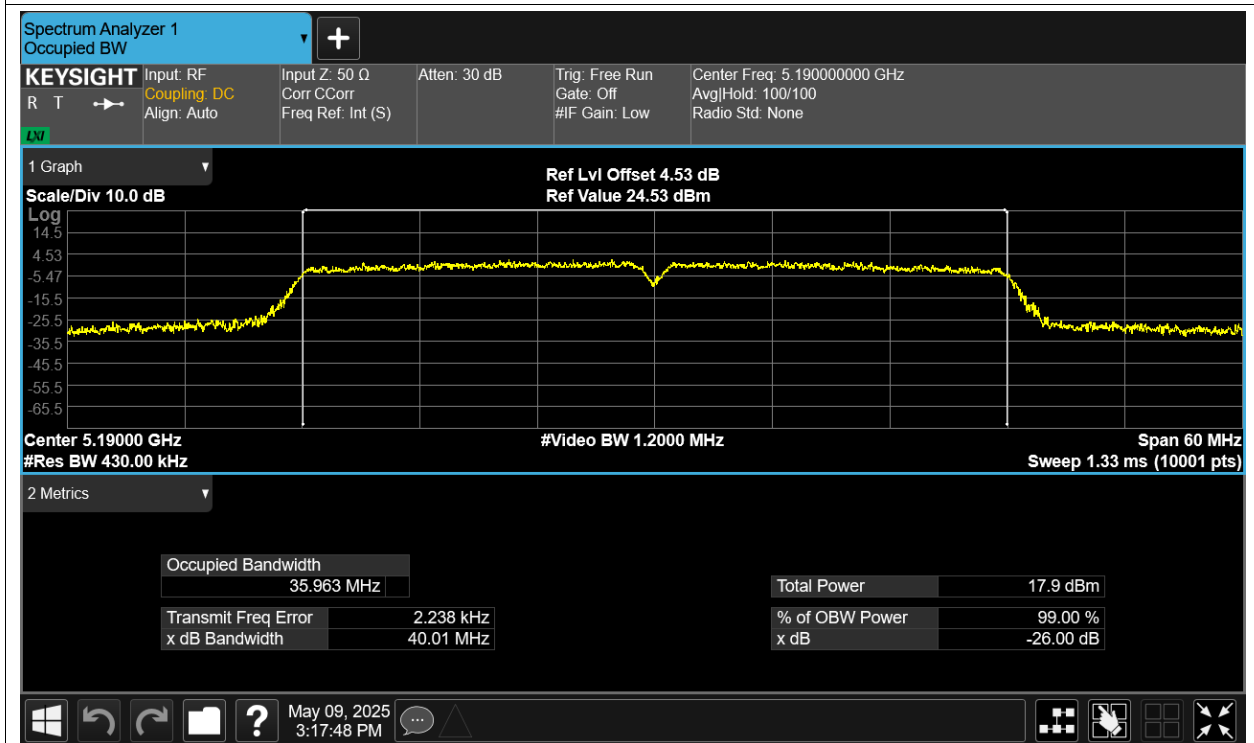
OBW NVNT n20 5200MHz Ant1



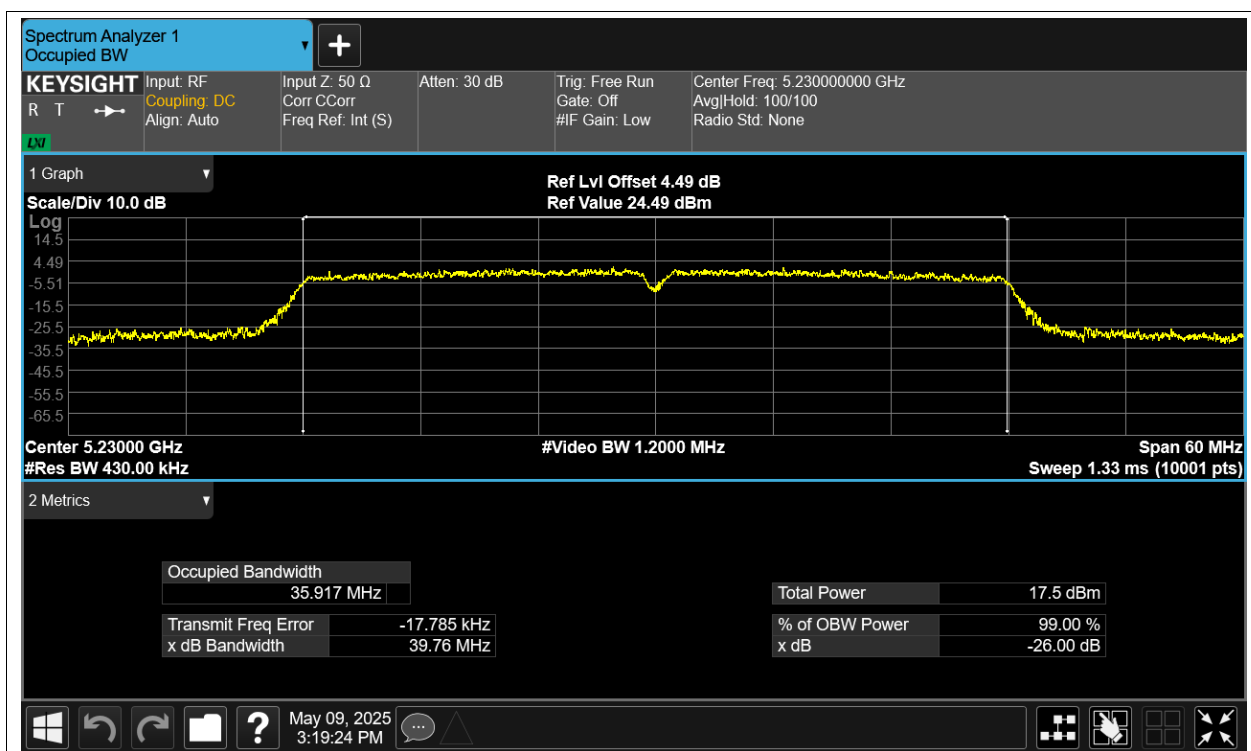
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

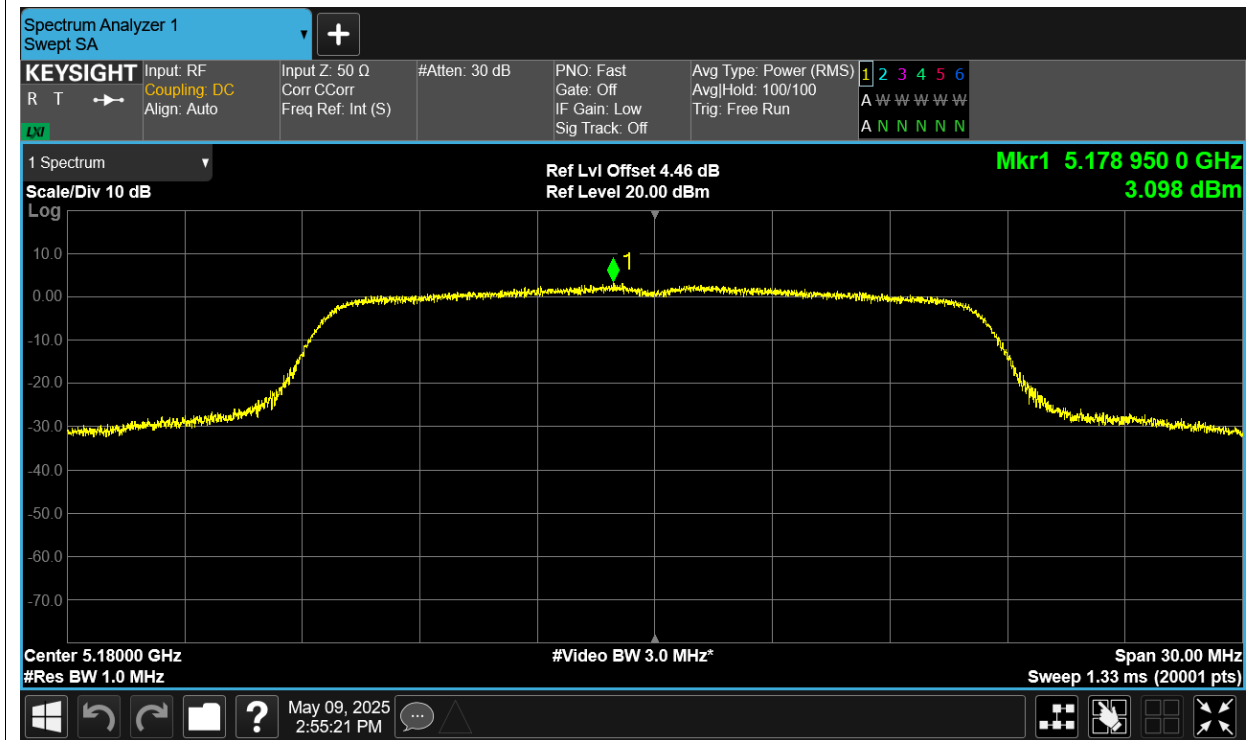


Maximum Power Spectral Density Level

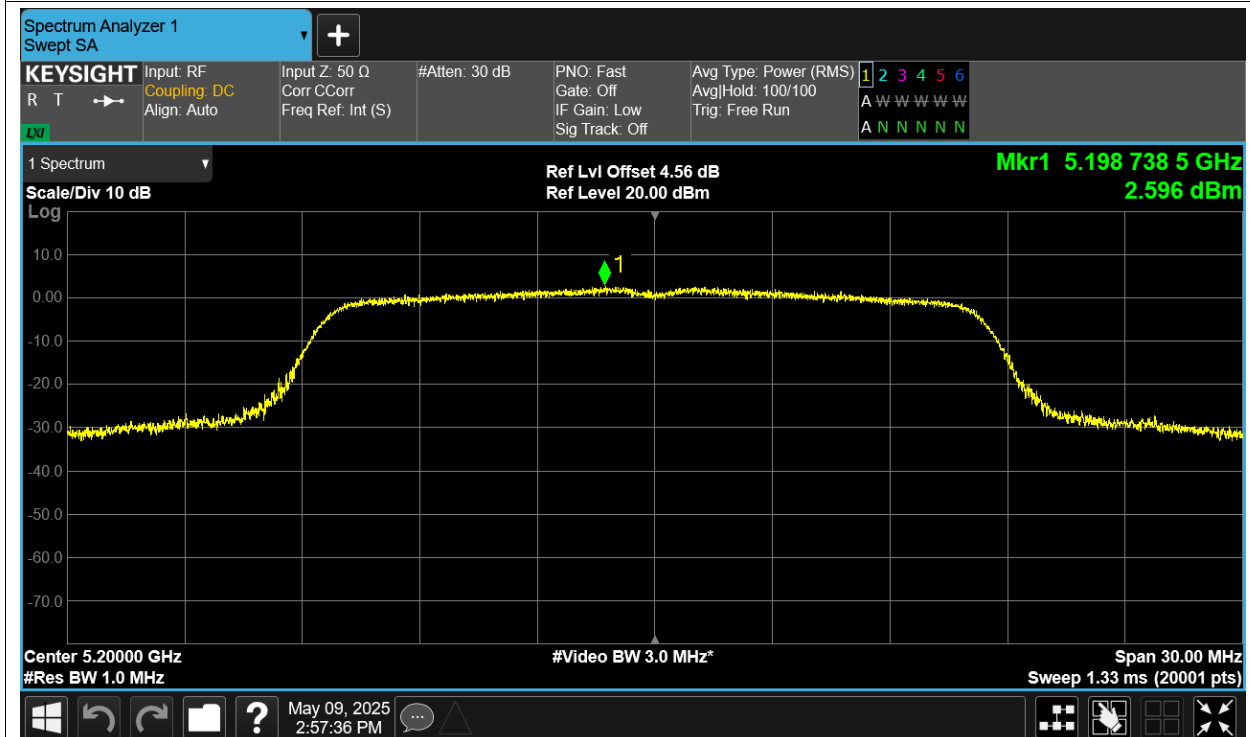
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.098	11	Pass
NVNT	a	5200	Ant1	2.596	11	Pass
NVNT	a	5240	Ant1	2.576	11	Pass
NVNT	ac20	5180	Ant1	2.151	11	Pass
NVNT	ac20	5200	Ant1	1.932	11	Pass
NVNT	ac20	5240	Ant1	1.477	11	Pass
NVNT	ac40	5190	Ant1	-0.857	11	Pass
NVNT	ac40	5230	Ant1	-1.351	11	Pass
NVNT	n20	5180	Ant1	2.401	11	Pass
NVNT	n20	5200	Ant1	1.587	11	Pass
NVNT	n20	5240	Ant1	1.43	11	Pass
NVNT	n40	5190	Ant1	-1.45	11	Pass
NVNT	n40	5230	Ant1	-1.372	11	Pass

Test Graphs

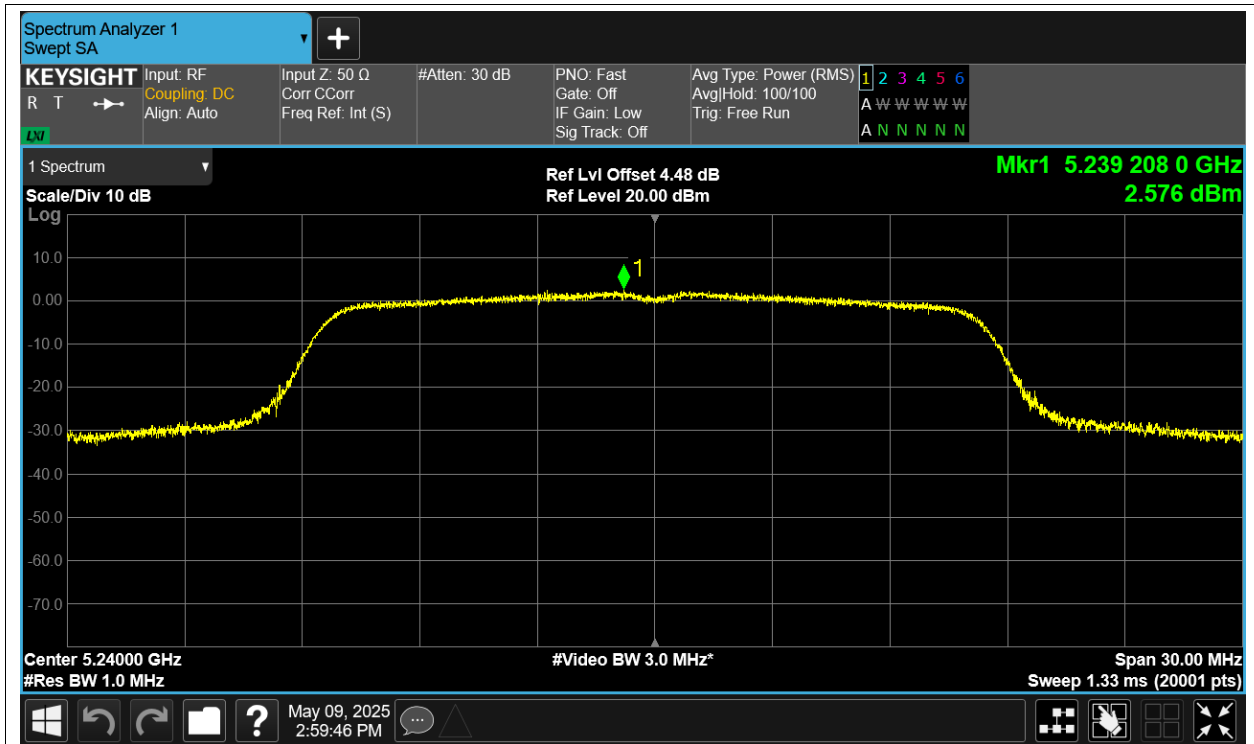
PSD NVNT a 5180MHz Ant1



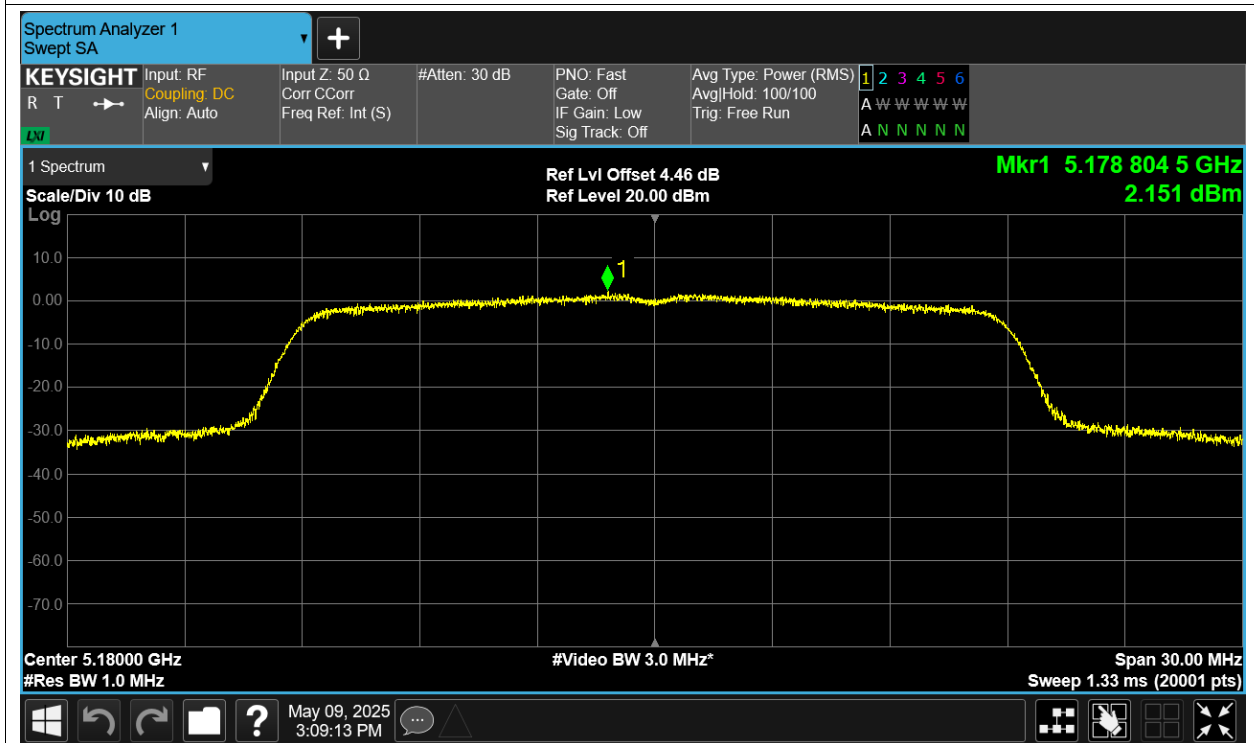
PSD NVNT a 5200MHz Ant1



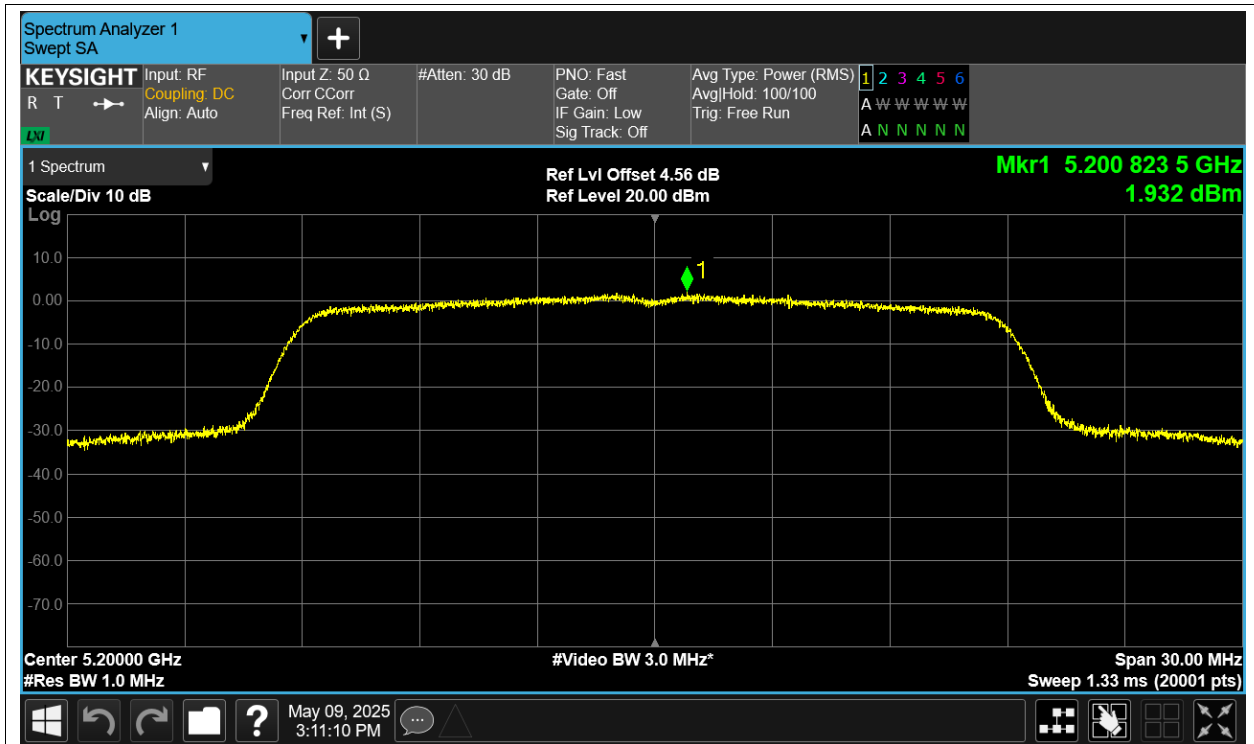
PSD NVNT a 5240MHz Ant1



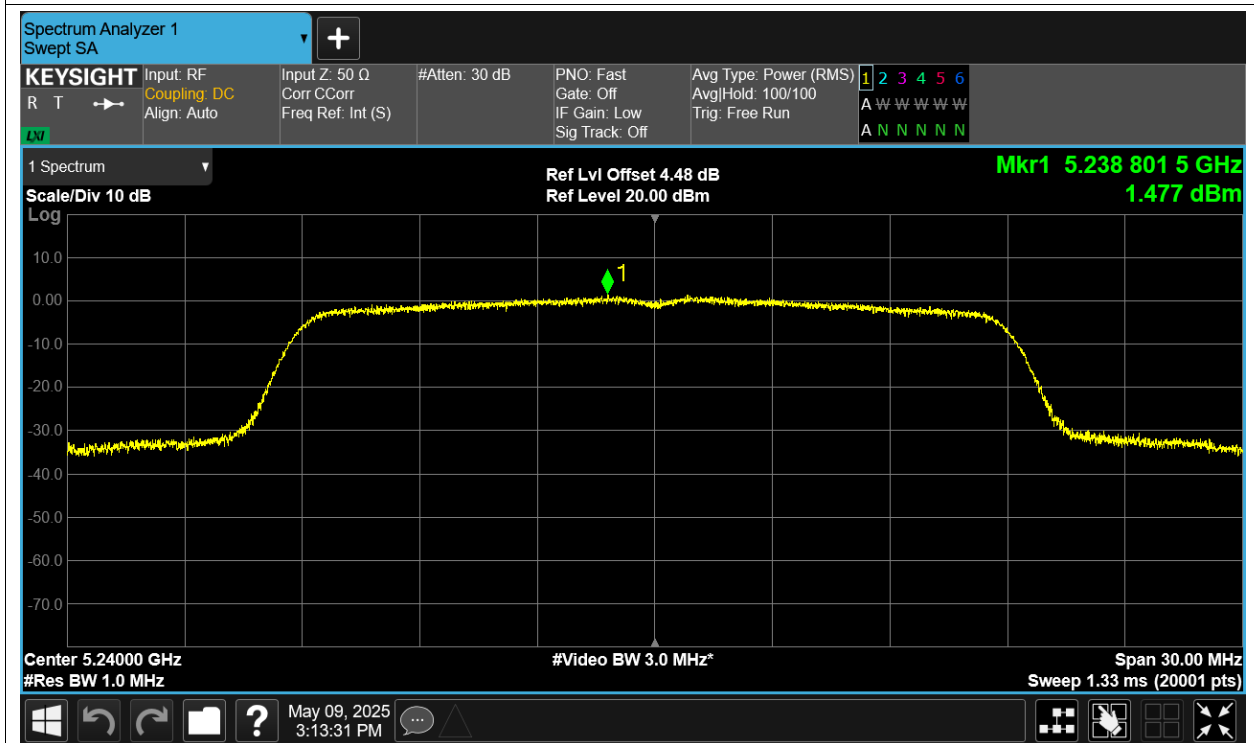
PSD NVNT ac20 5180MHz Ant1



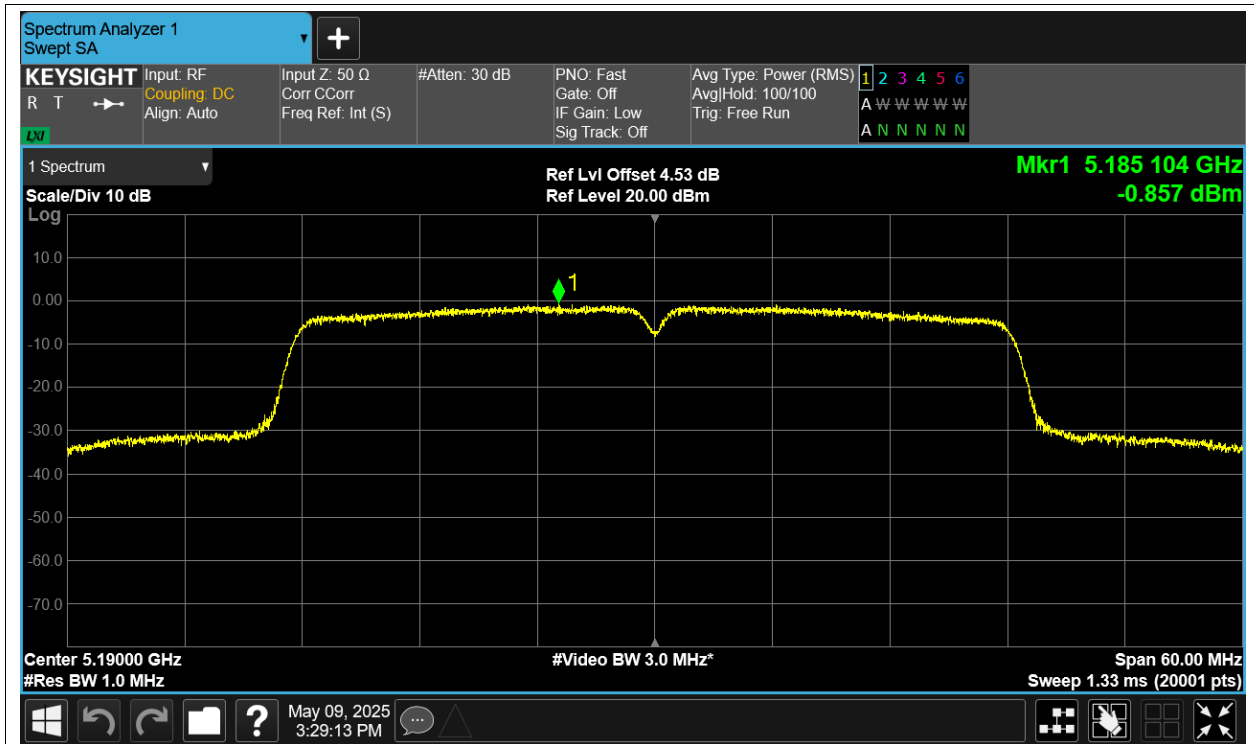
PSD NVNT ac20 5200MHz Ant1



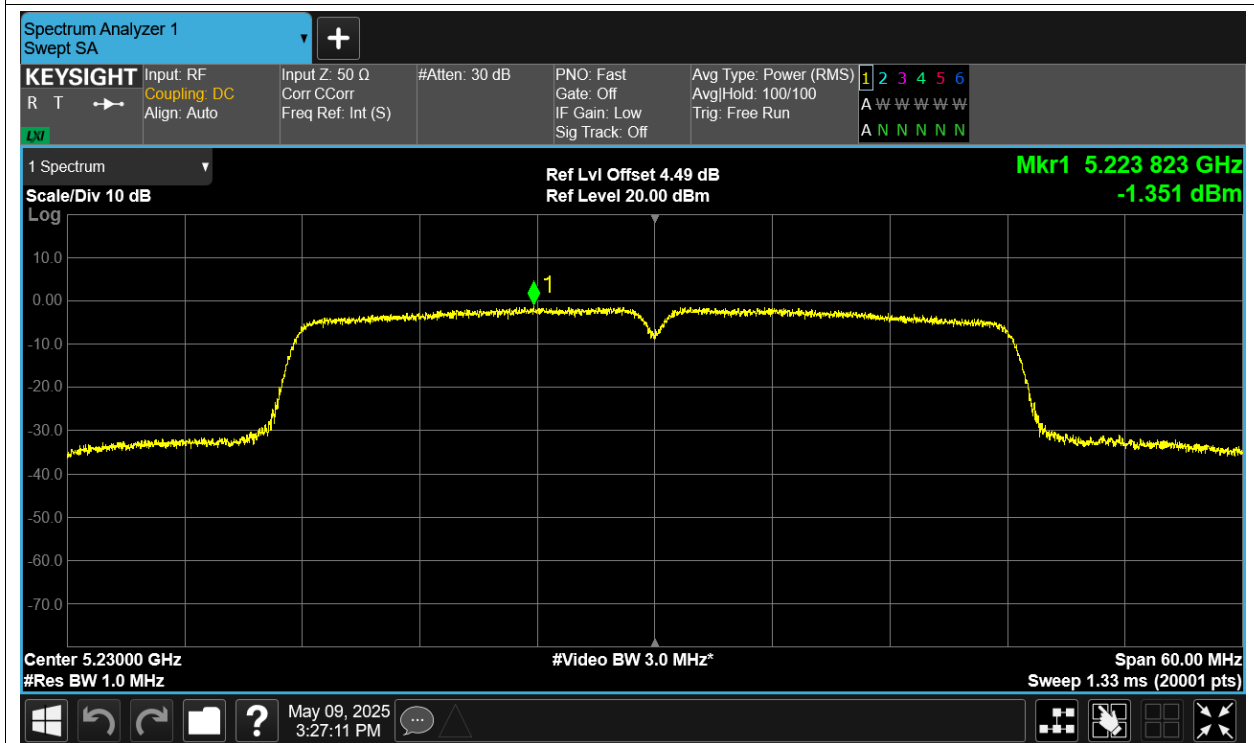
PSD NVNT ac20 5240MHz Ant1



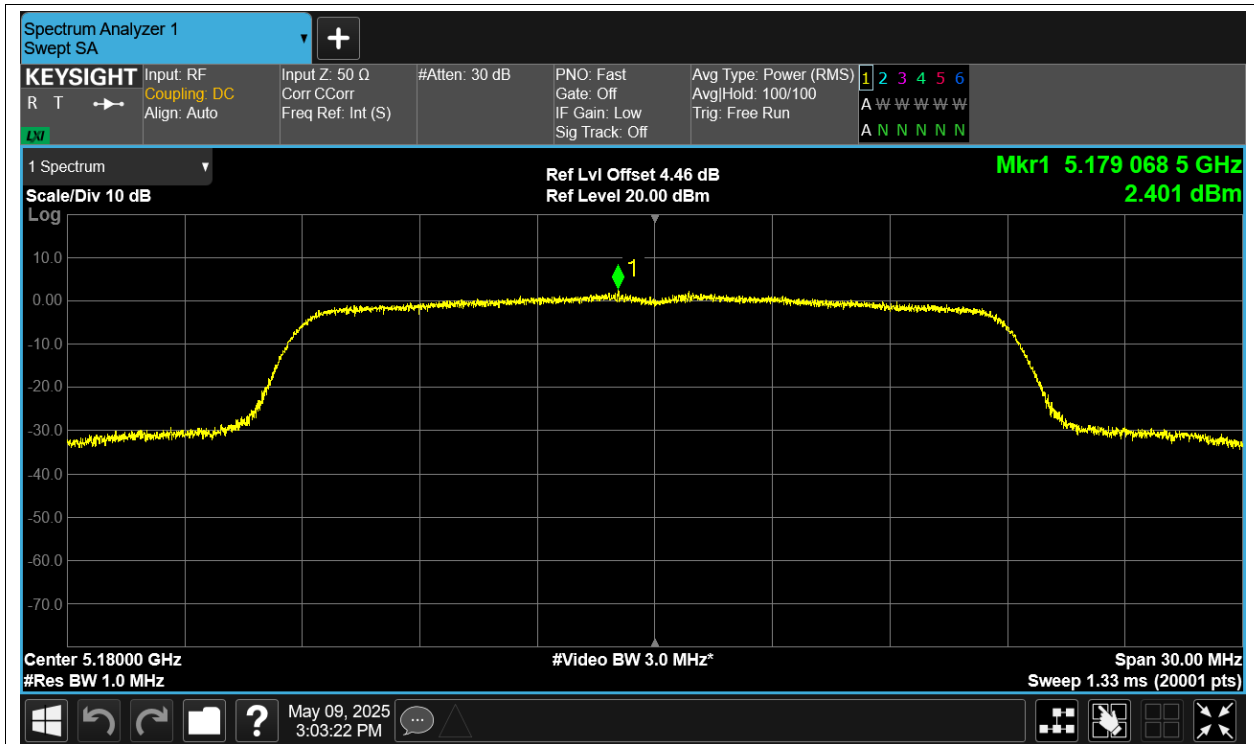
PSD NVNT ac40 5190MHz Ant1



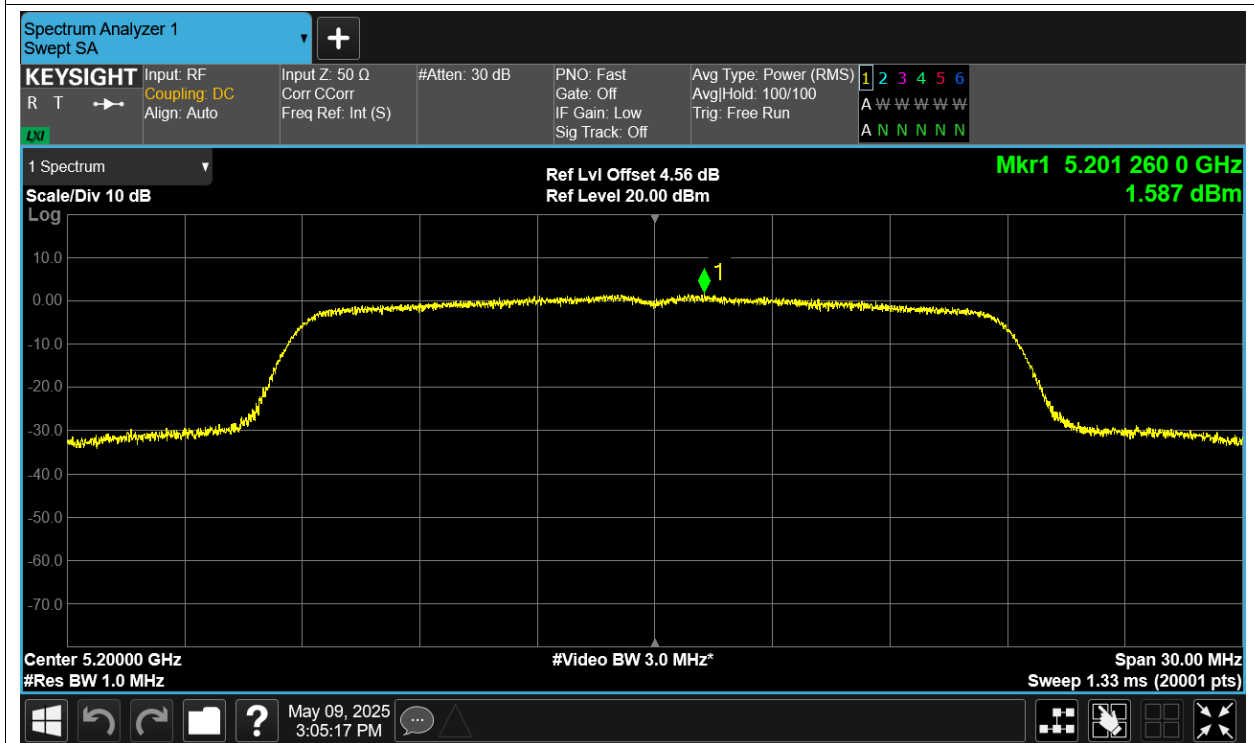
PSD NVNT ac40 5230MHz Ant1



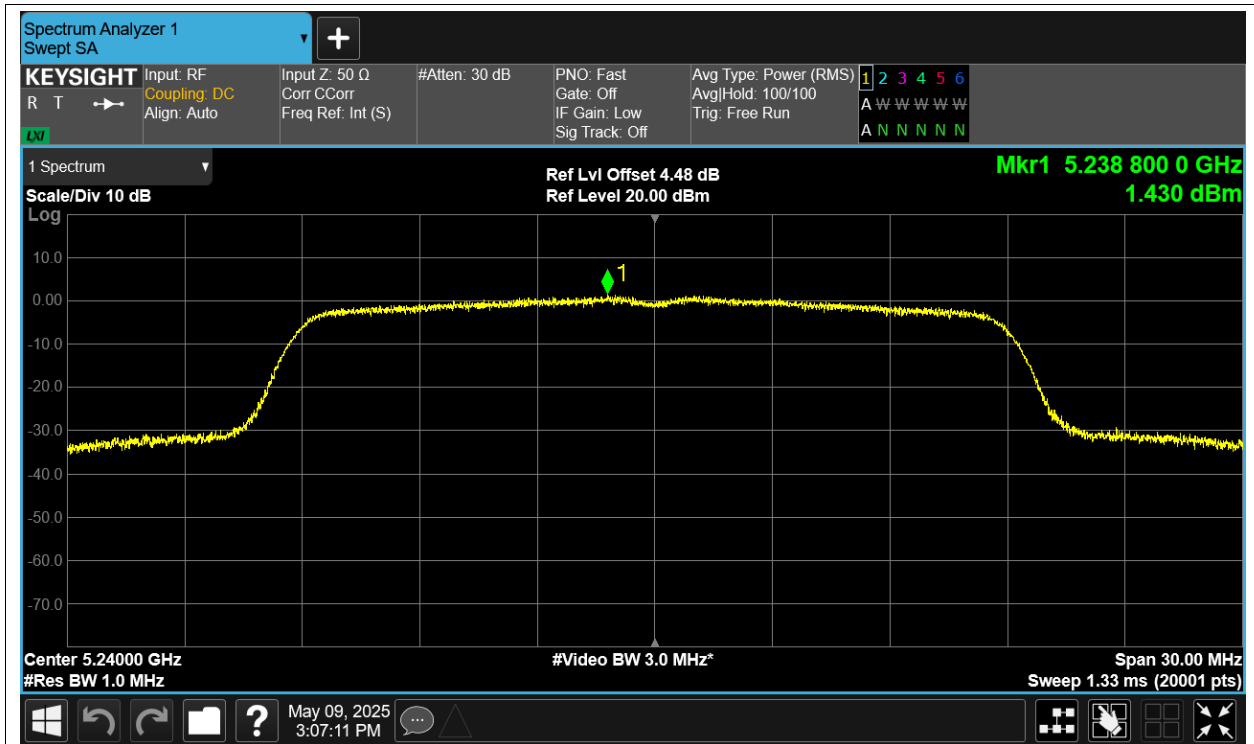
PSD NVNT n20 5180MHz Ant1



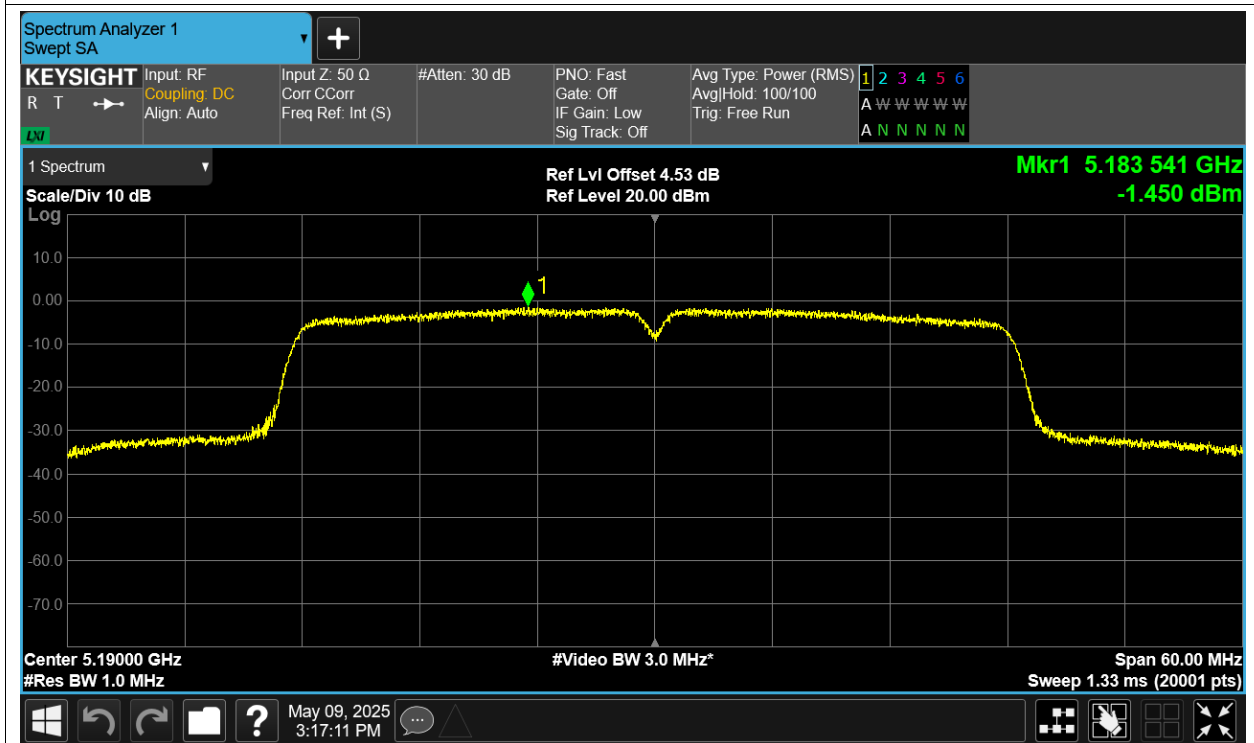
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

