

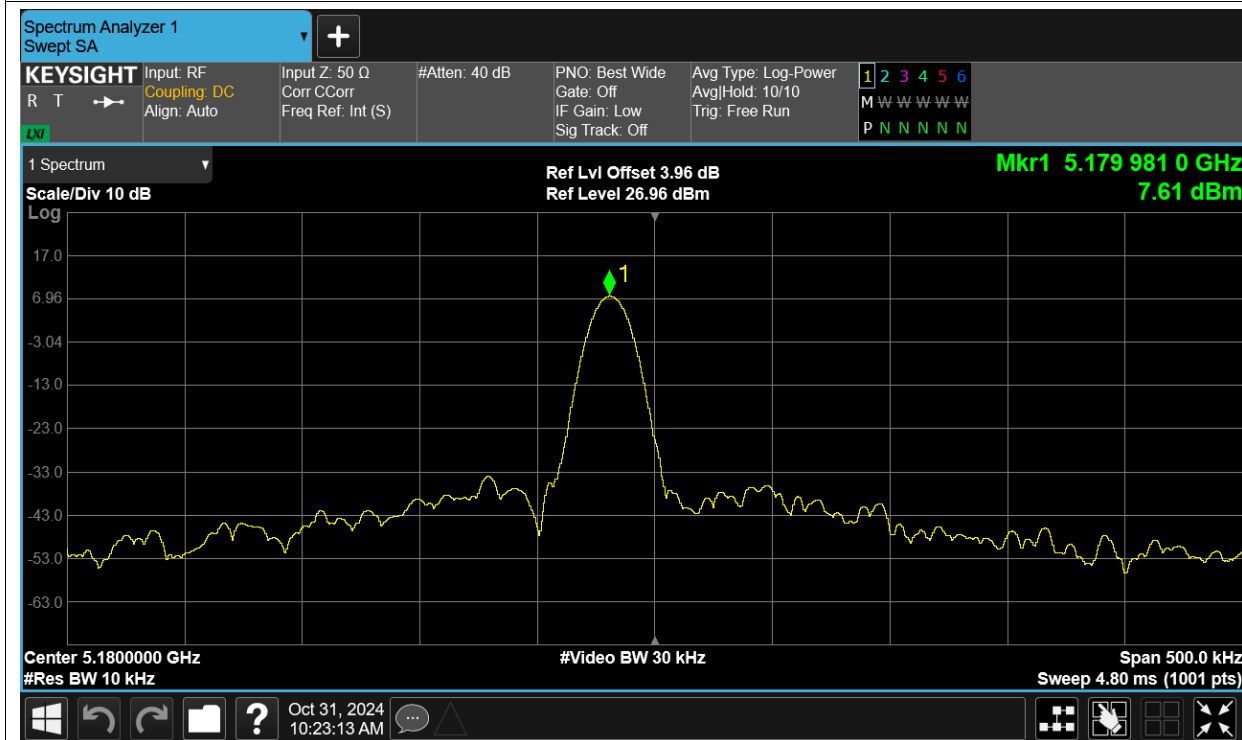
Test Data

Frequency Stability

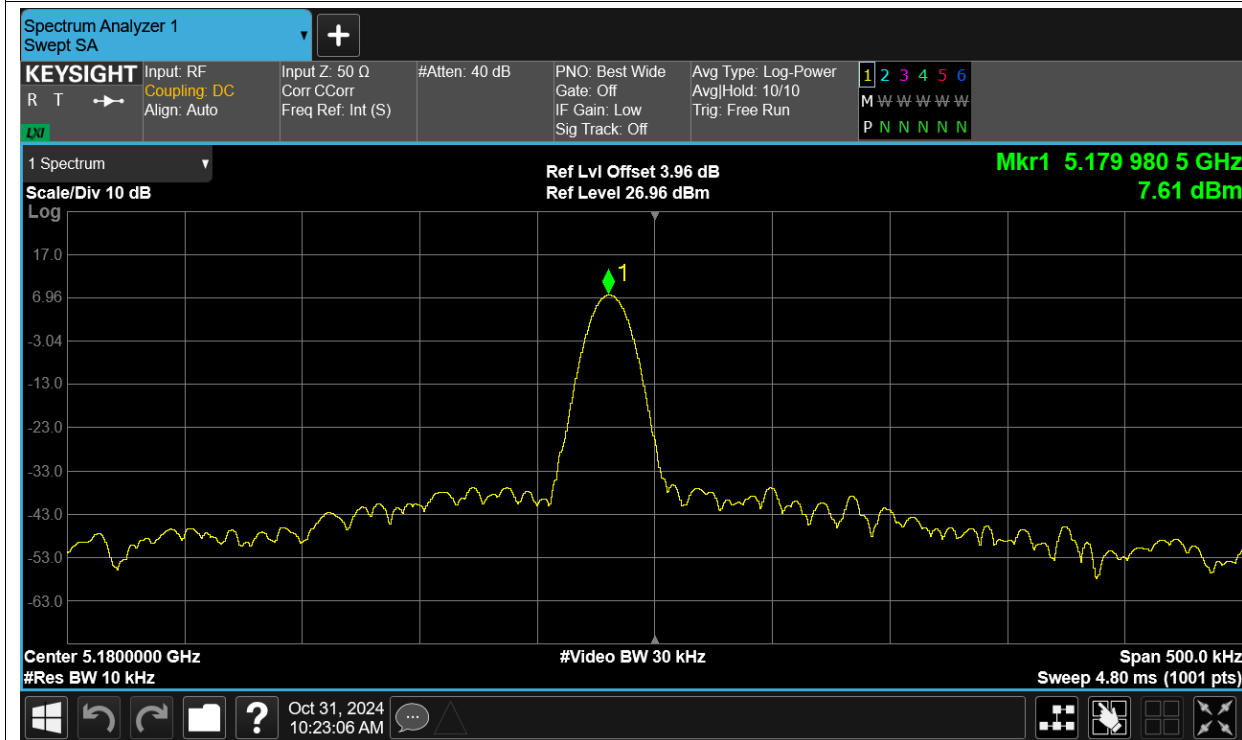
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.981	-3.67	25	Pass
LVNT	a	5180	Ant1	5179.9805	-3.76	25	Pass
NVHT	a	5180	Ant1	5179.9805	-3.76	25	Pass
NVLT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVNT	a	5180	Ant1	5179.9795	-3.96	25	Pass
HVNT	ac80	5210	Ant1	5209.9785	-4.13	25	Pass
LVNT	ac80	5210	Ant1	5209.9785	-4.13	25	Pass
NVHT	ac80	5210	Ant1	5209.978	-4.22	25	Pass
NVLT	ac80	5210	Ant1	5209.9775	-4.32	25	Pass
NVNT	ac80	5210	Ant1	5209.976819541	-4.45	25	Pass
HVNT	n40	5190	Ant1	5189.979	-4.05	25	Pass
LVNT	n40	5190	Ant1	5189.9785	-4.14	25	Pass
NVHT	n40	5190	Ant1	5189.978	-4.24	25	Pass
NVLT	n40	5190	Ant1	5189.9775	-4.34	25	Pass
NVNT	n40	5190	Ant1	5189.977	-4.43	25	Pass

Test Graphs

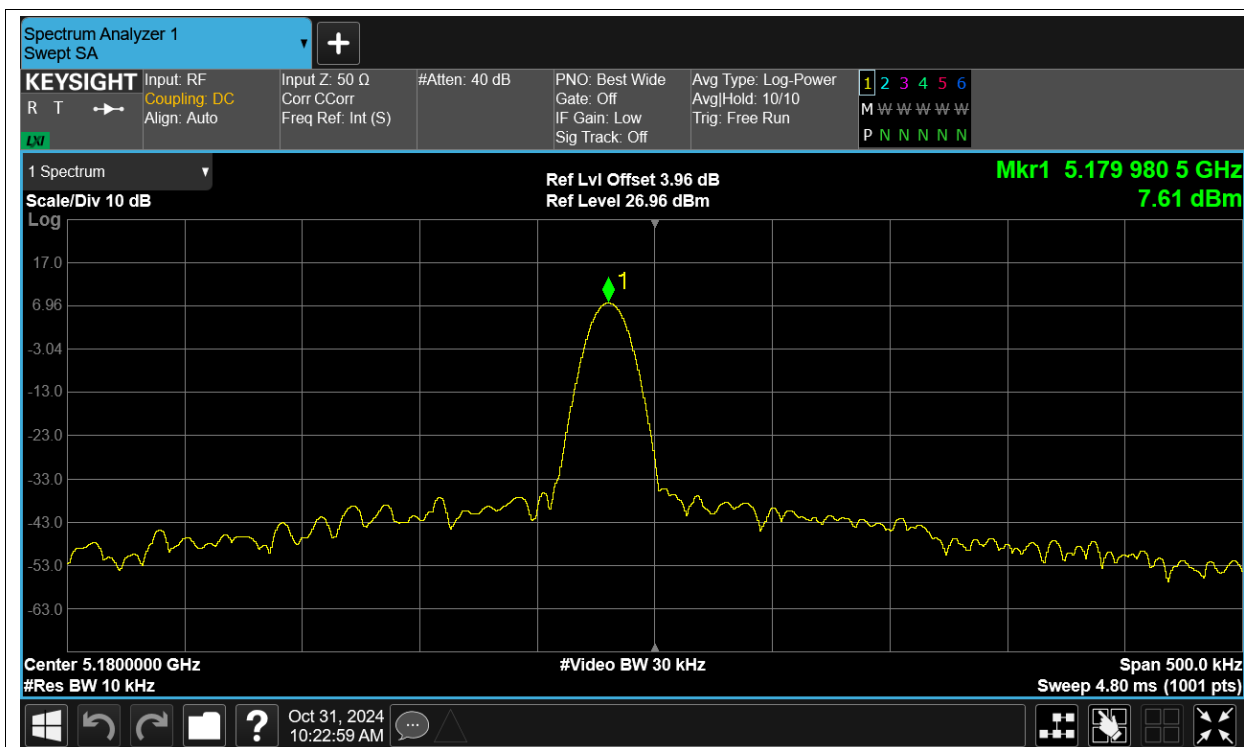
Freq. Stability HVNT a 5180MHz Ant1



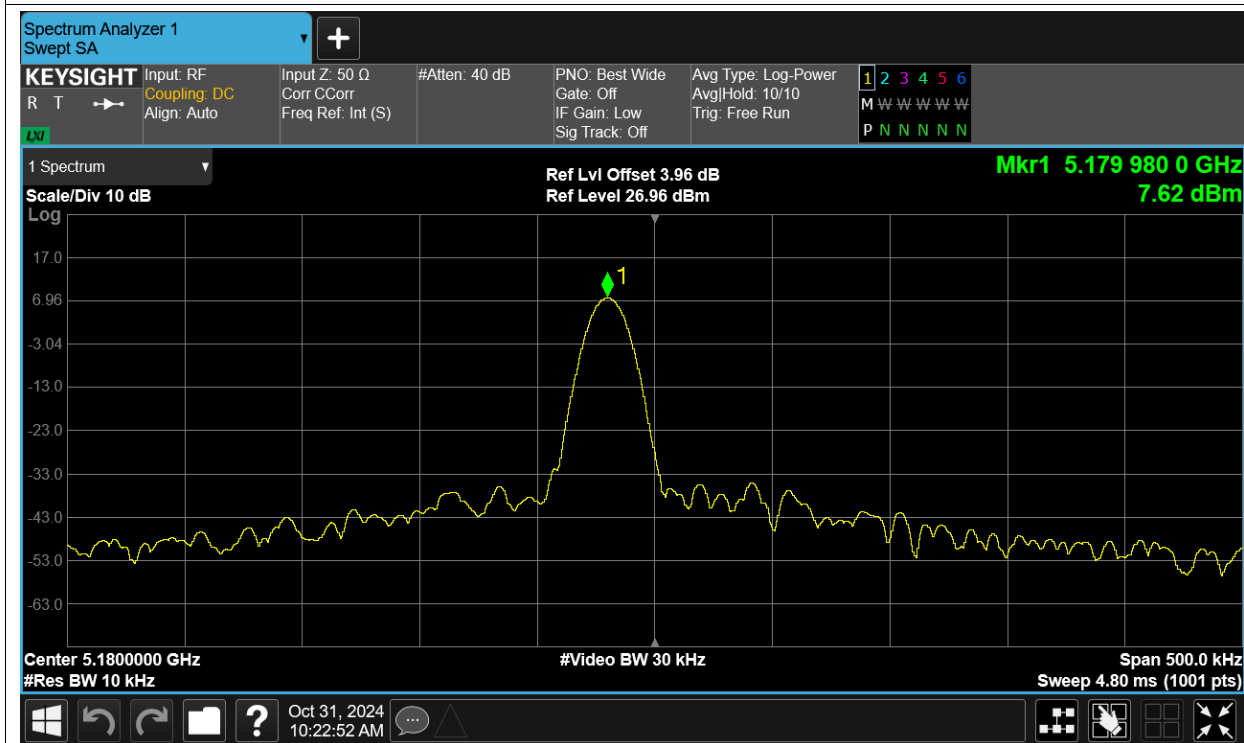
Freq. Stability LVNT a 5180MHz Ant1



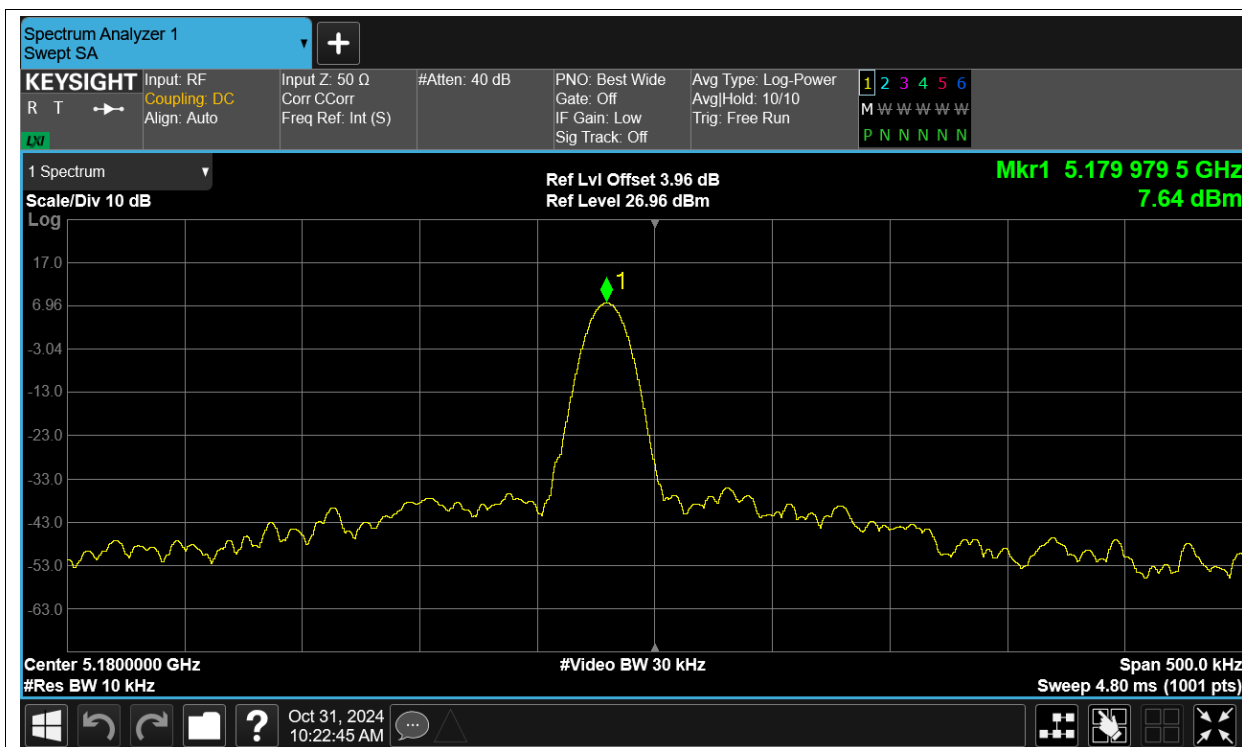
Freq. Stability NVHT a 5180MHz Ant1



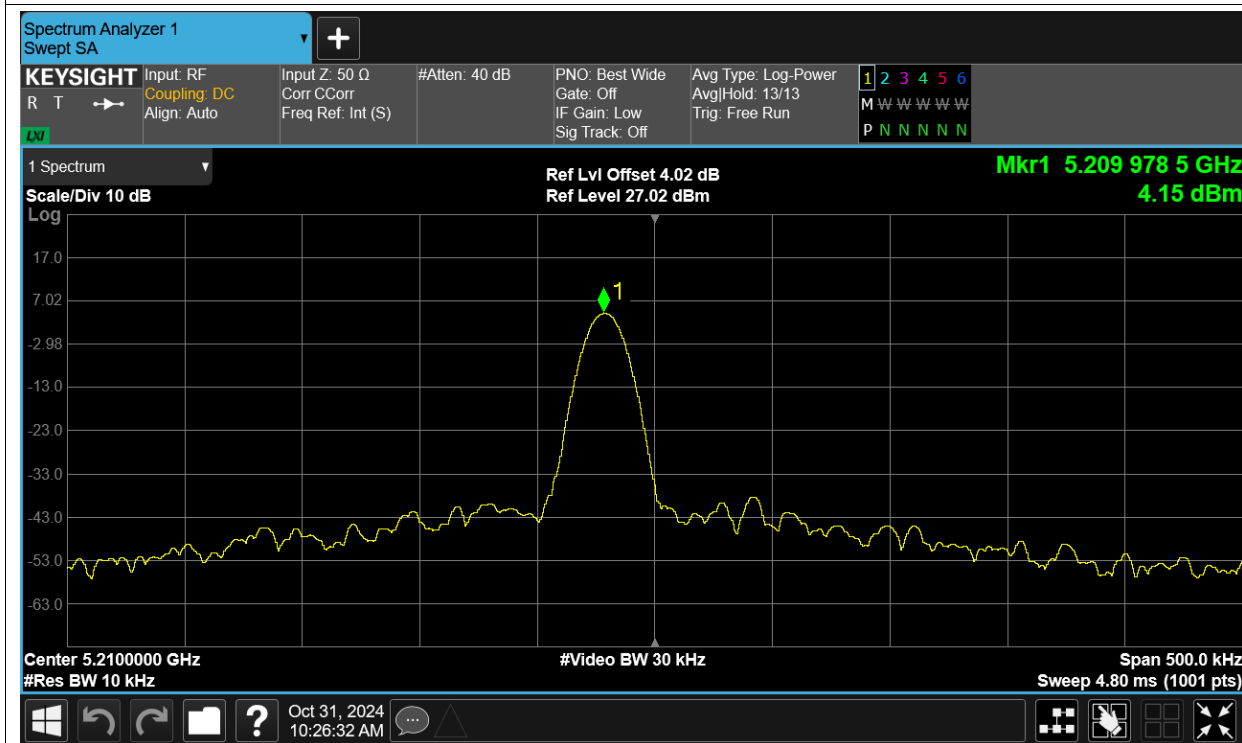
Freq. Stability NVLT a 5180MHz Ant1



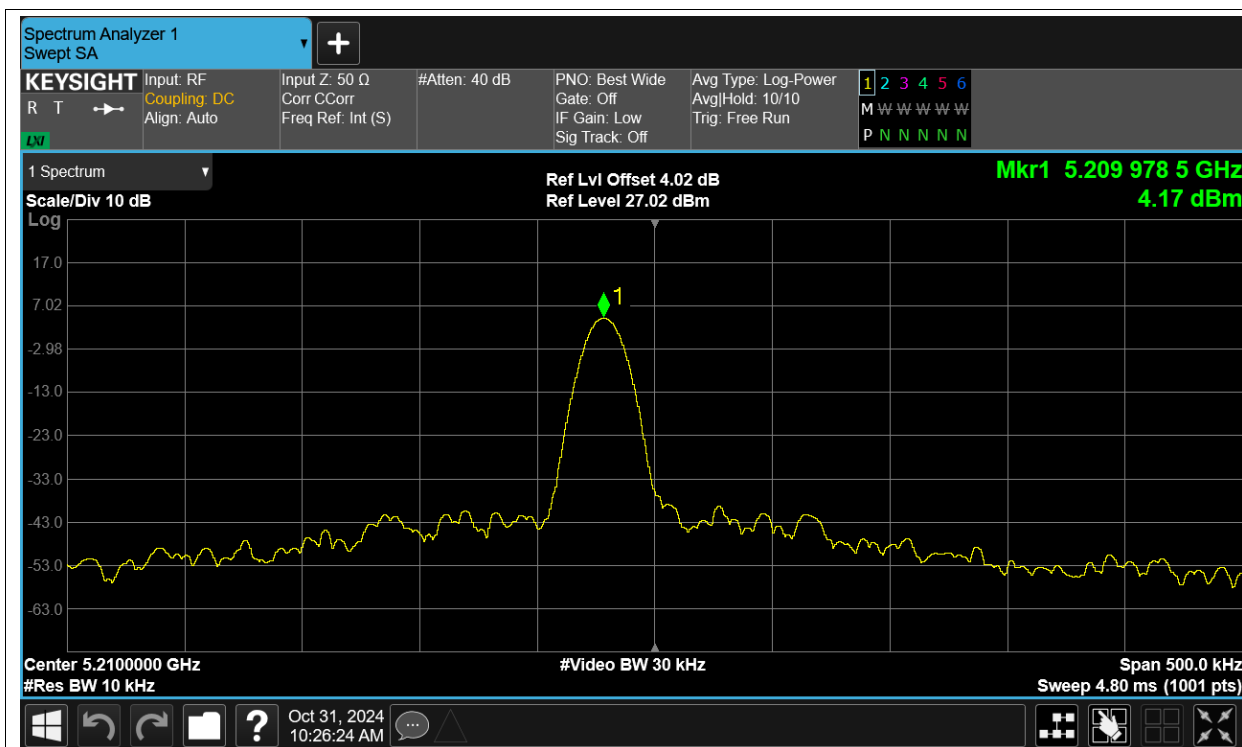
Freq. Stability NVNT a 5180MHz Ant1



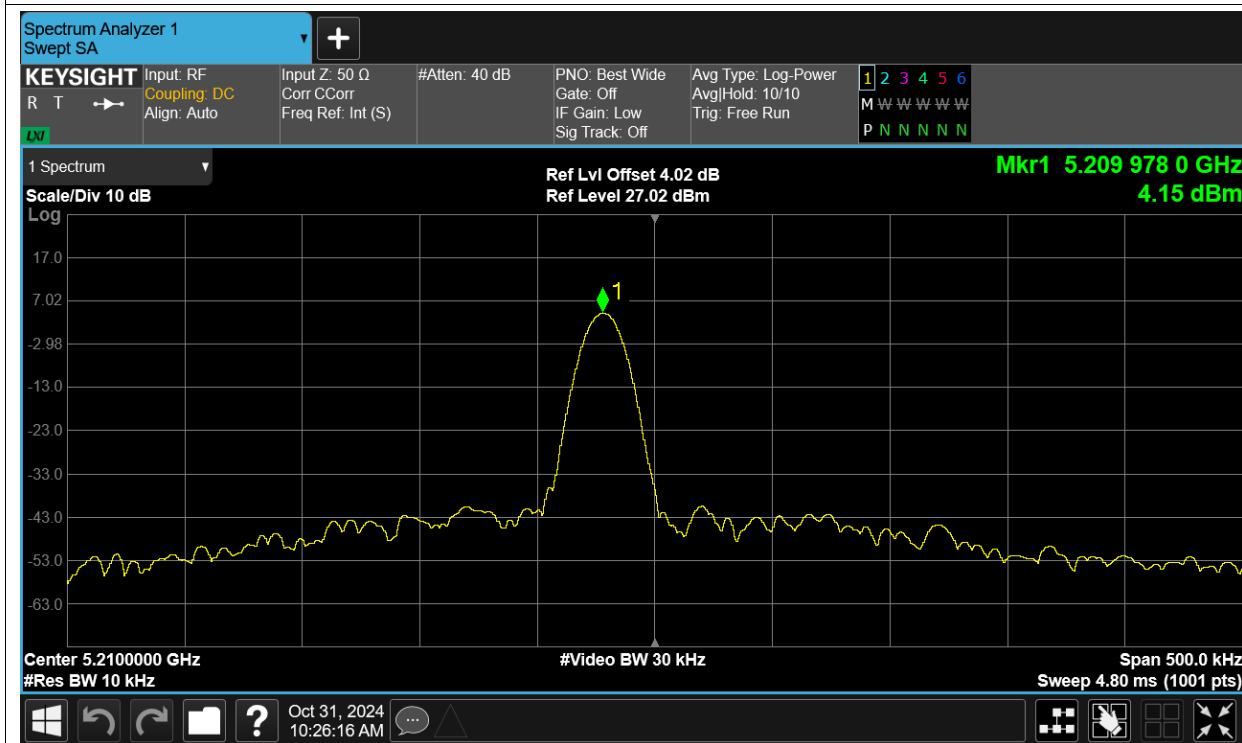
Freq. Stability HVNT ac80 5210MHz Ant1



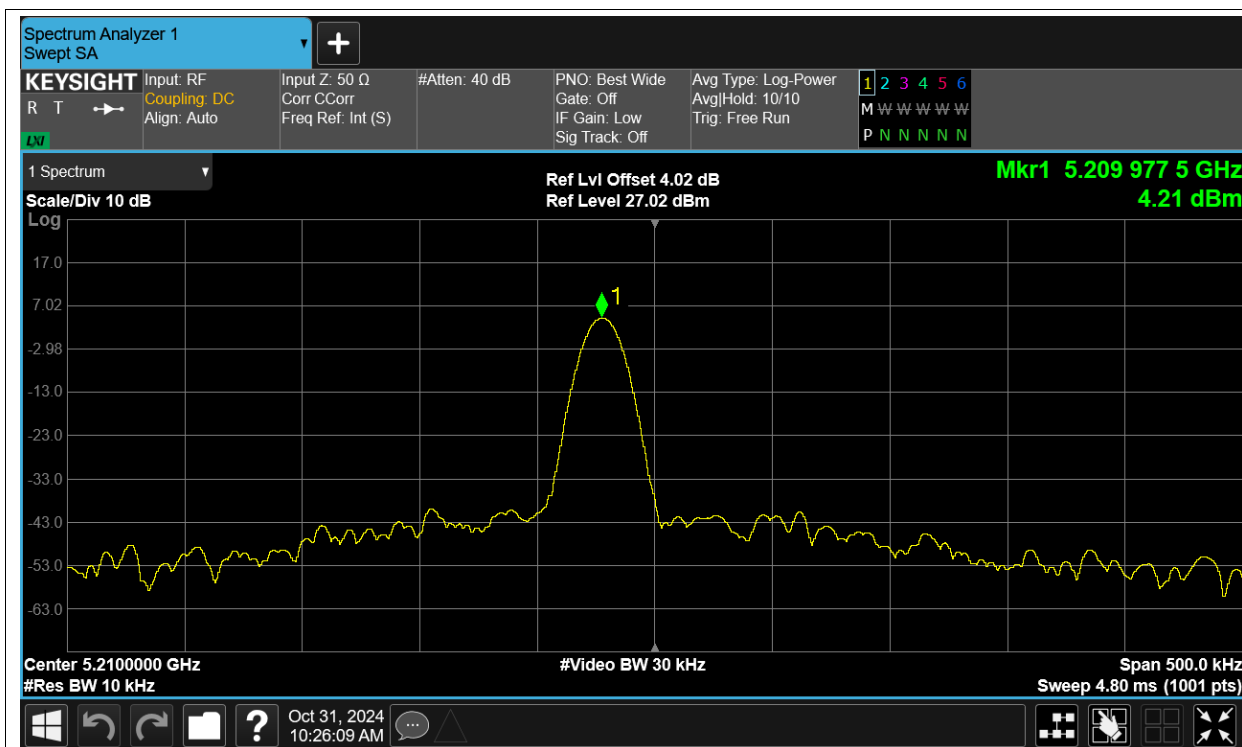
Freq. Stability LVNT ac80 5210MHz Ant1



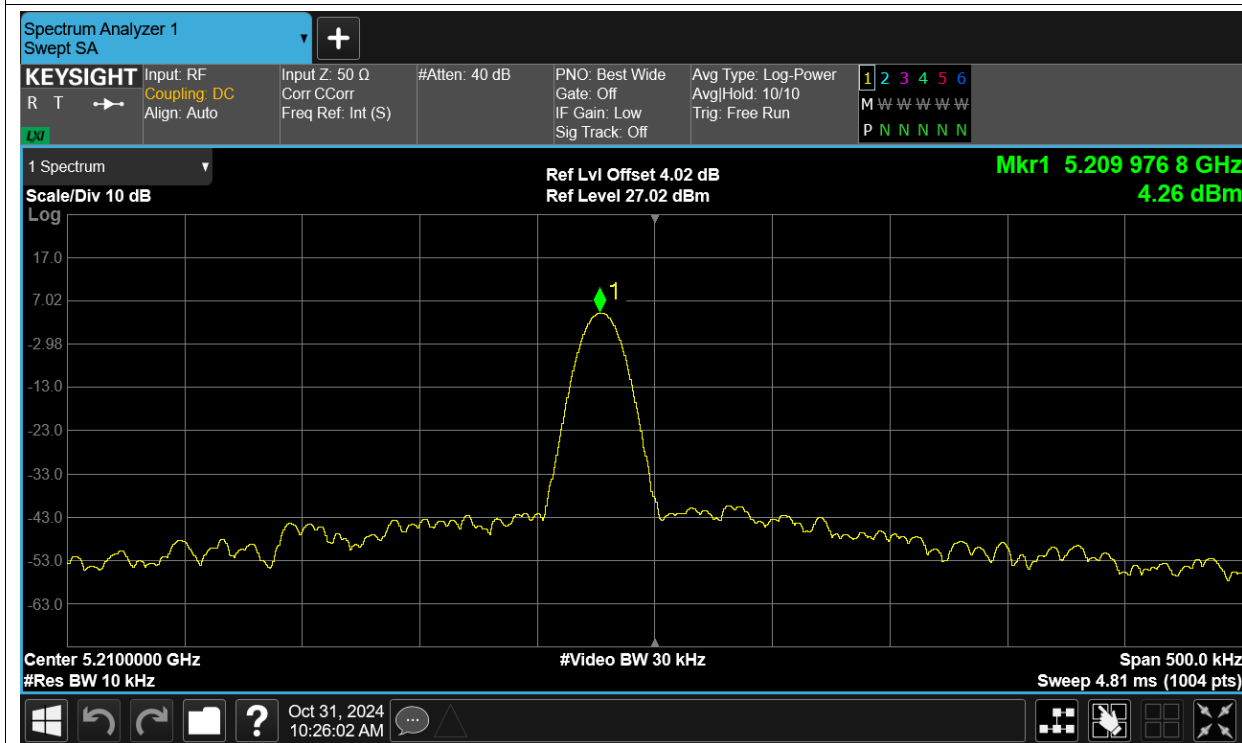
Freq. Stability NVHT ac80 5210MHz Ant1



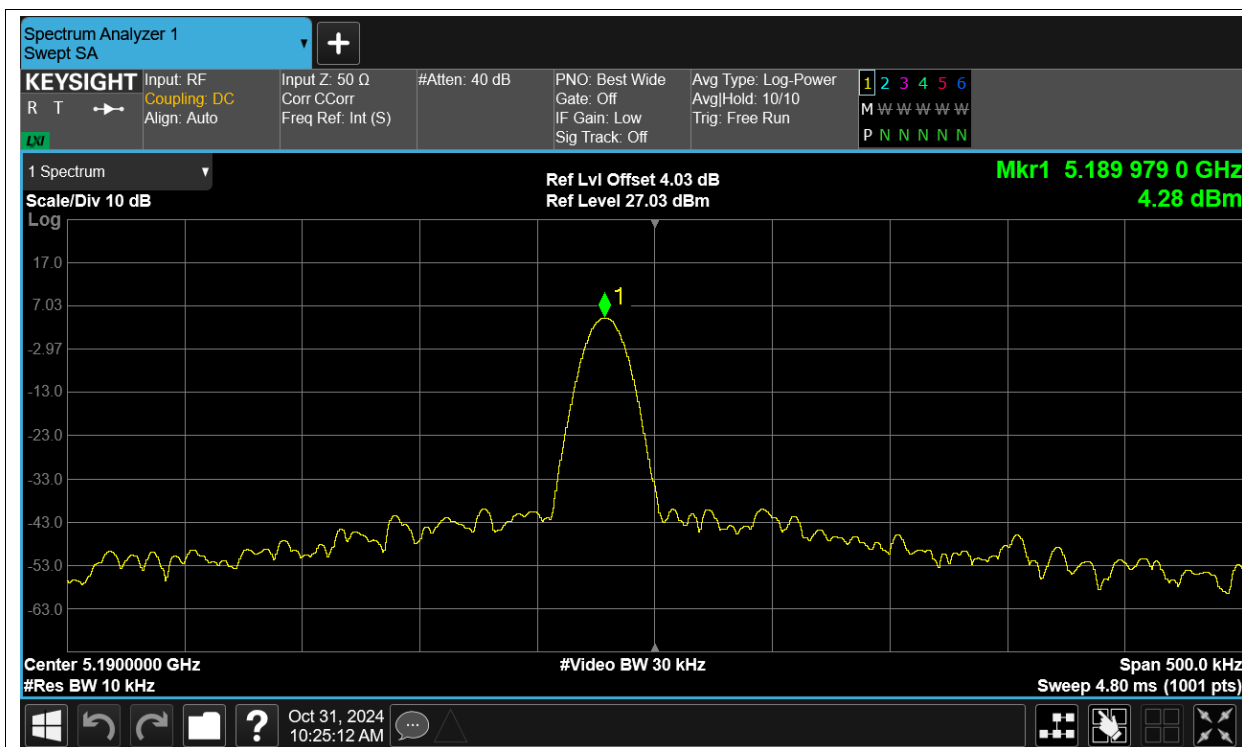
Freq. Stability NVLT ac80 5210MHz Ant1



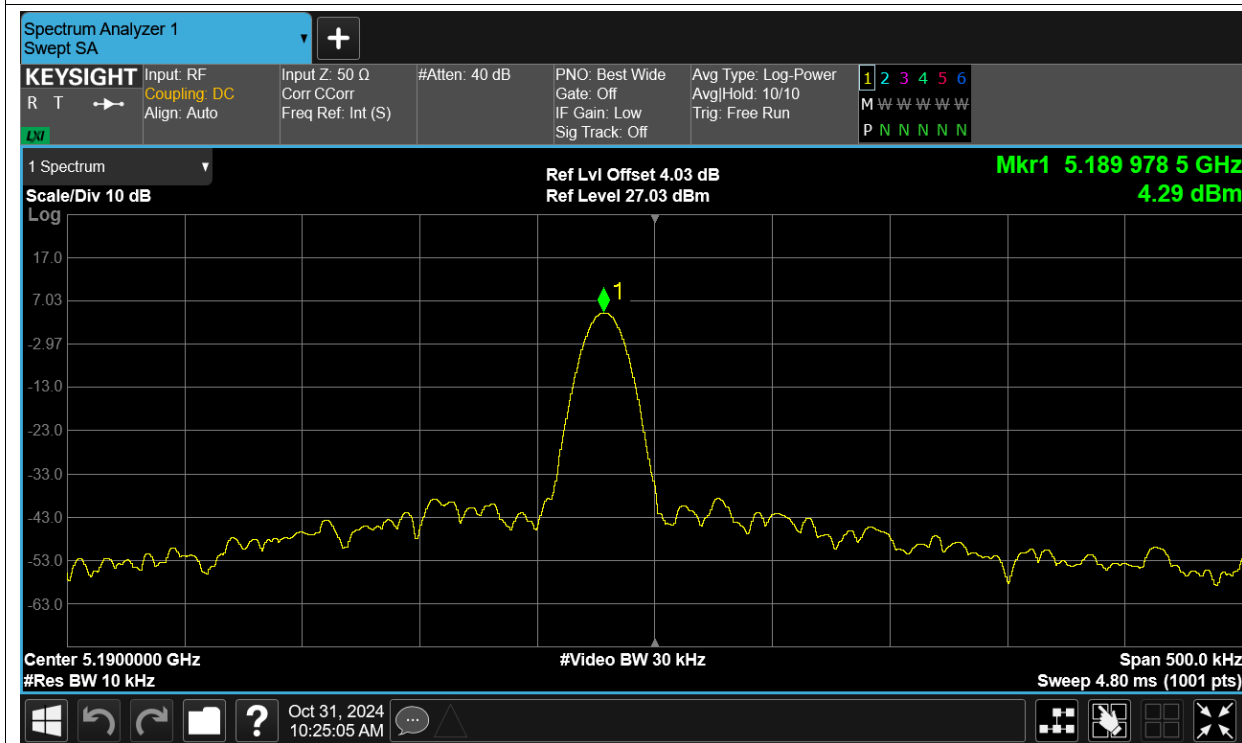
Freq. Stability NVNT ac80 5210MHz Ant1



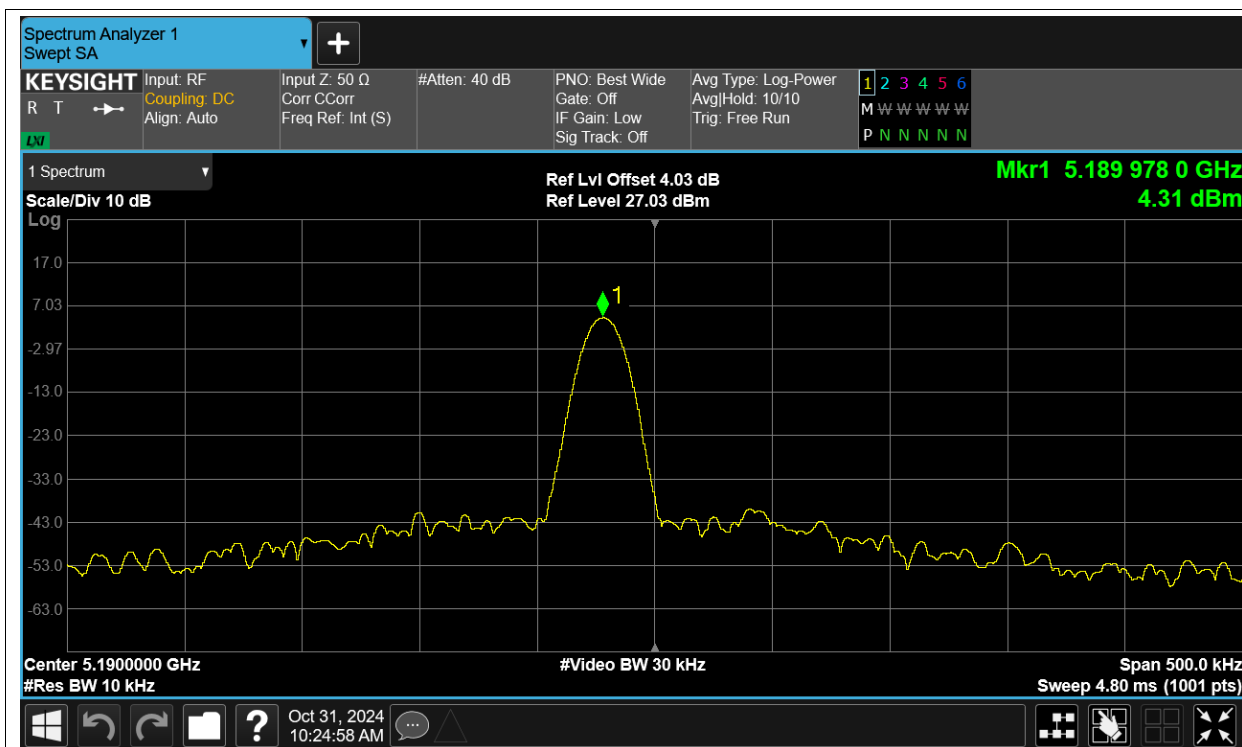
Freq. Stability HVNT n40 5190MHz Ant1



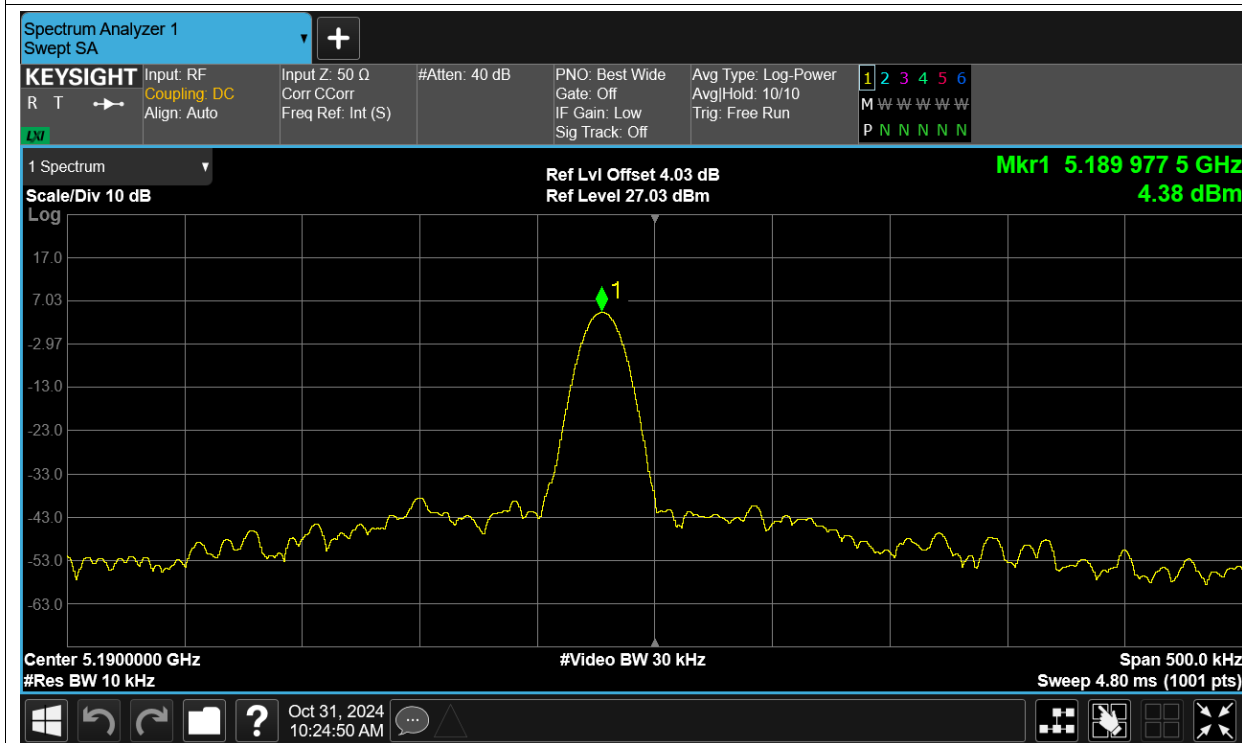
Freq. Stability LVNT n40 5190MHz Ant1



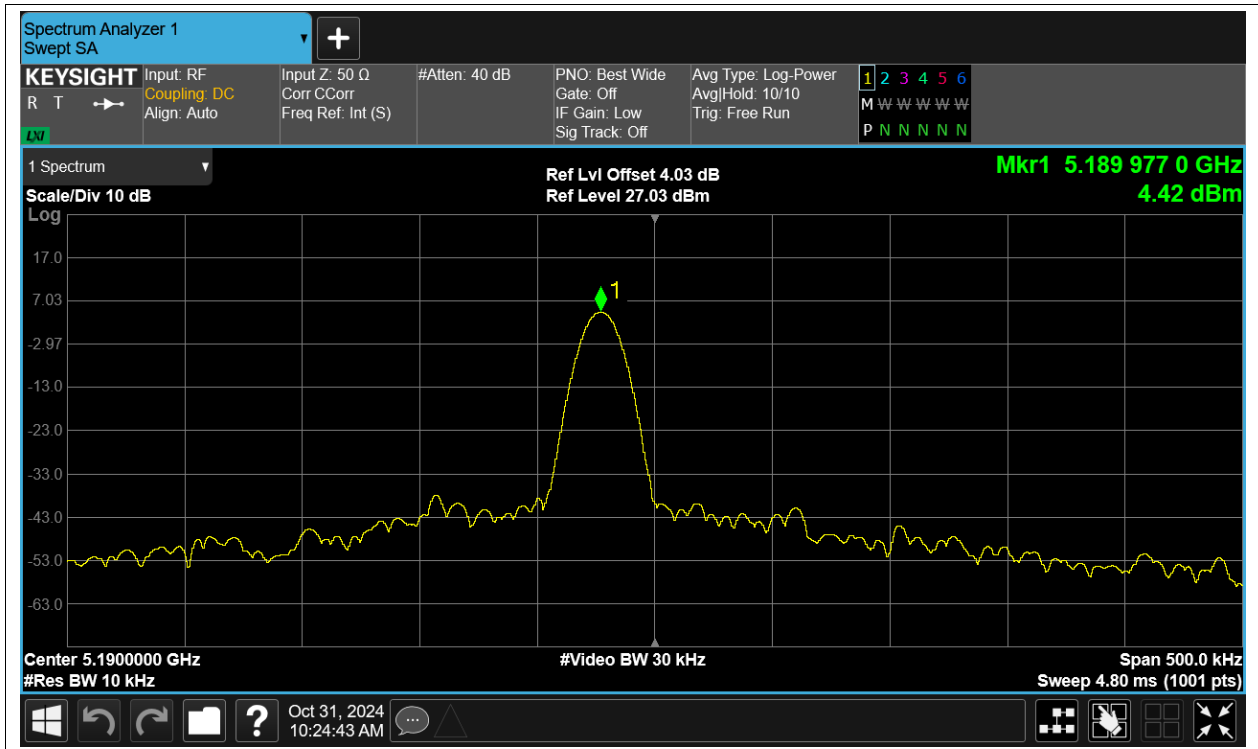
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



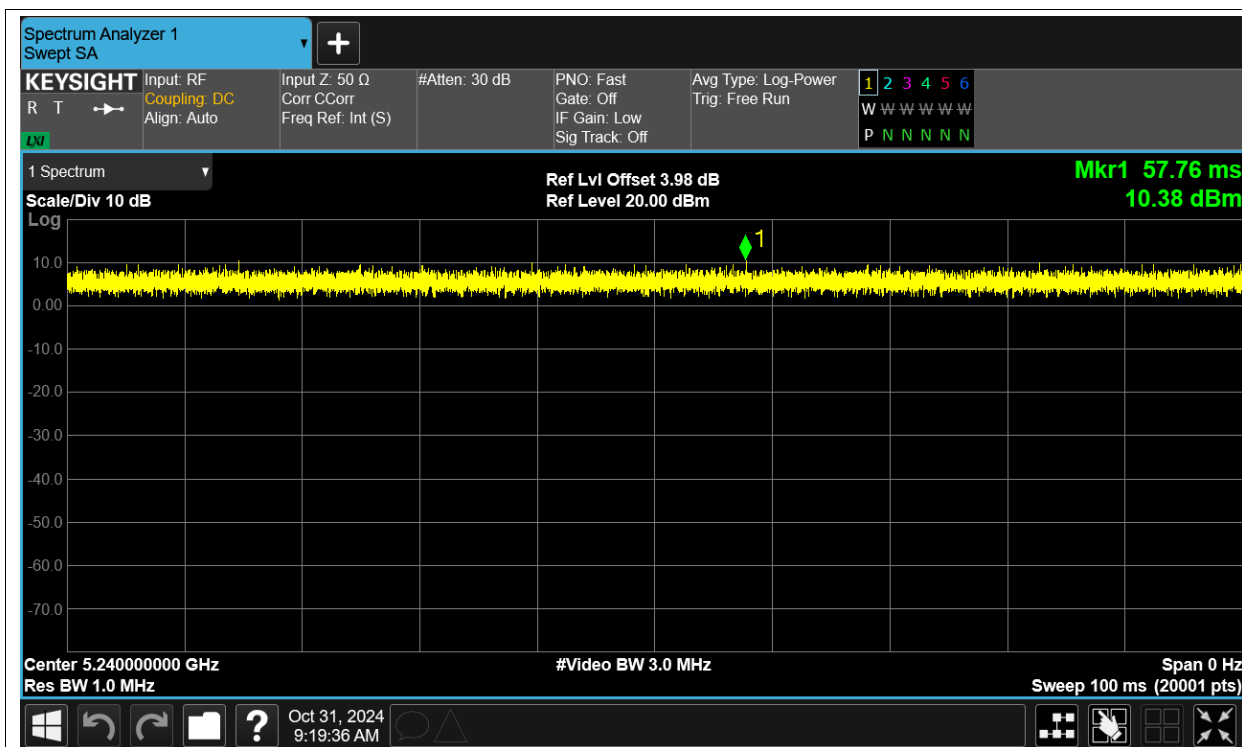
Freq. Stability NVNT n40 5190MHz Ant1



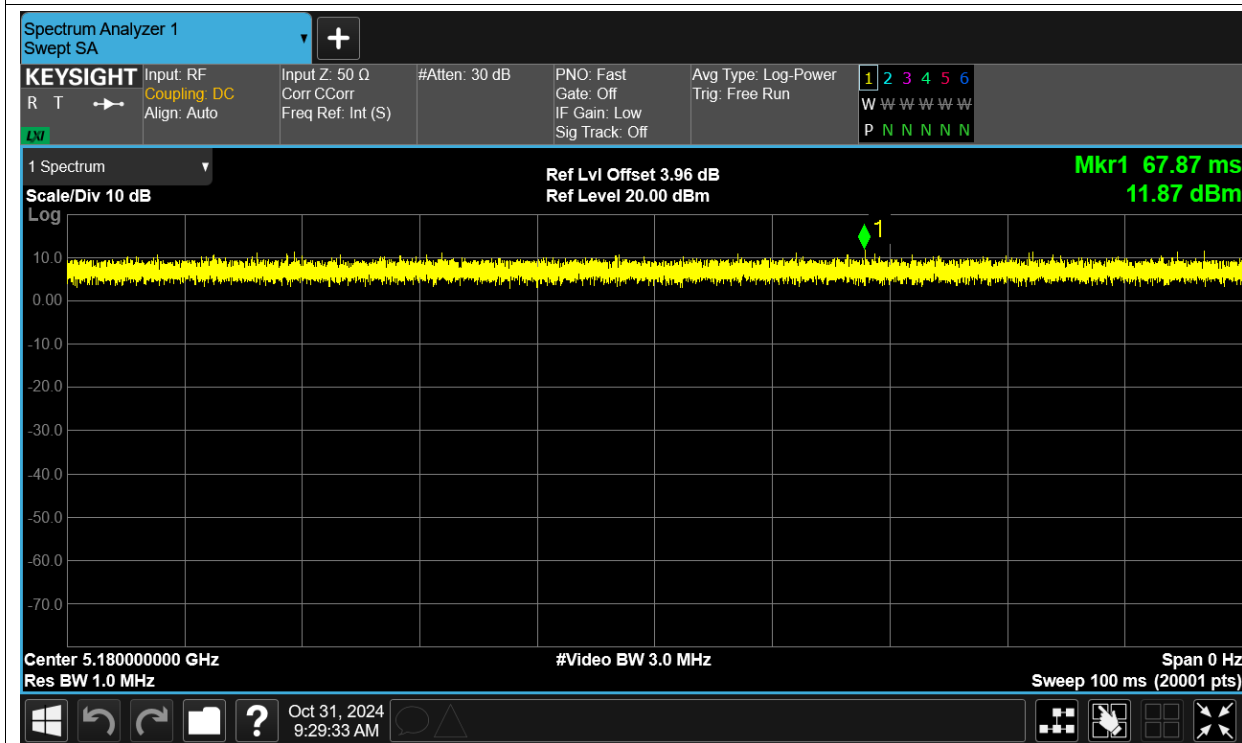
Duty Cycle

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	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

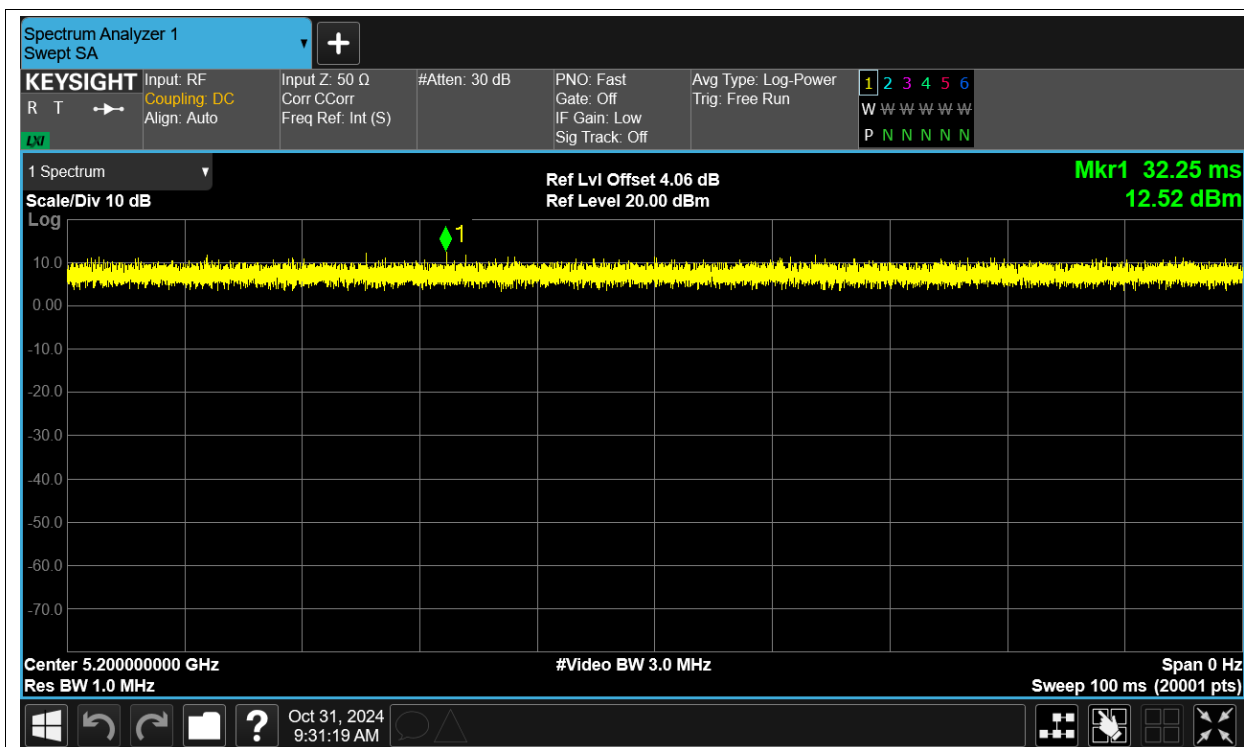




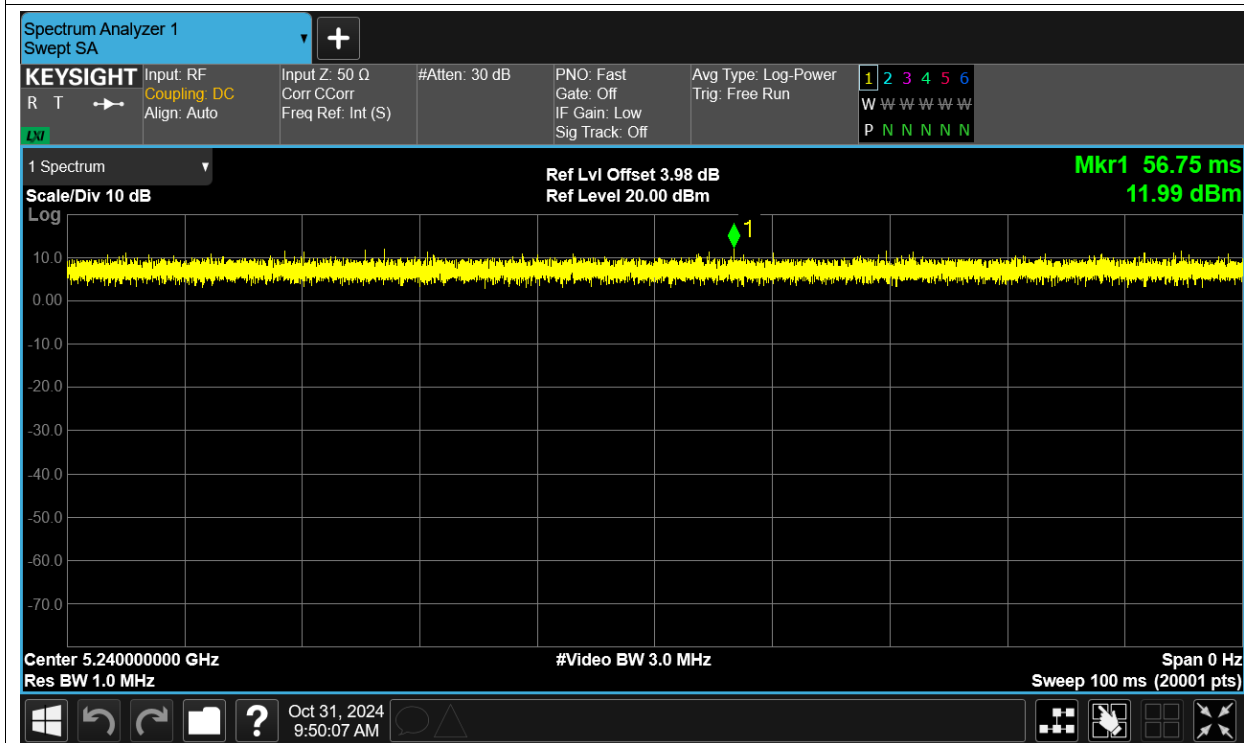
Duty Cycle NVNT ac20 5180MHz Ant1



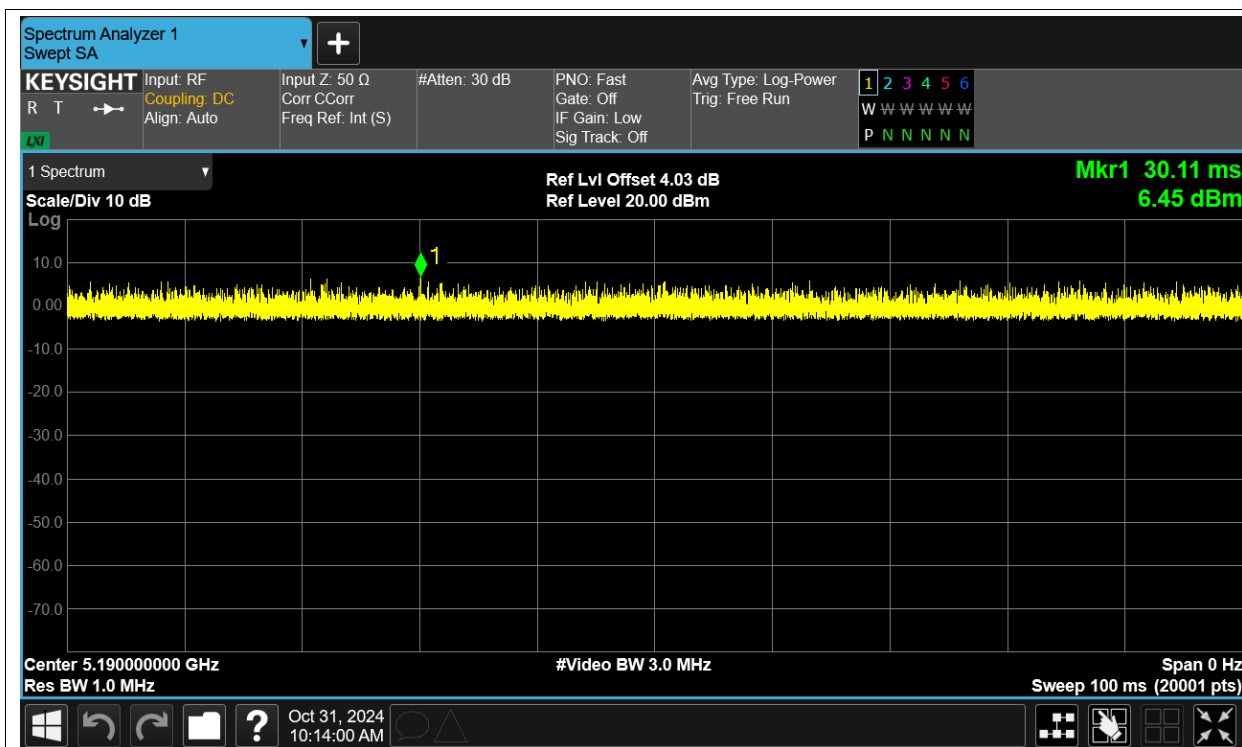
Duty Cycle NVNT ac20 5200MHz Ant1



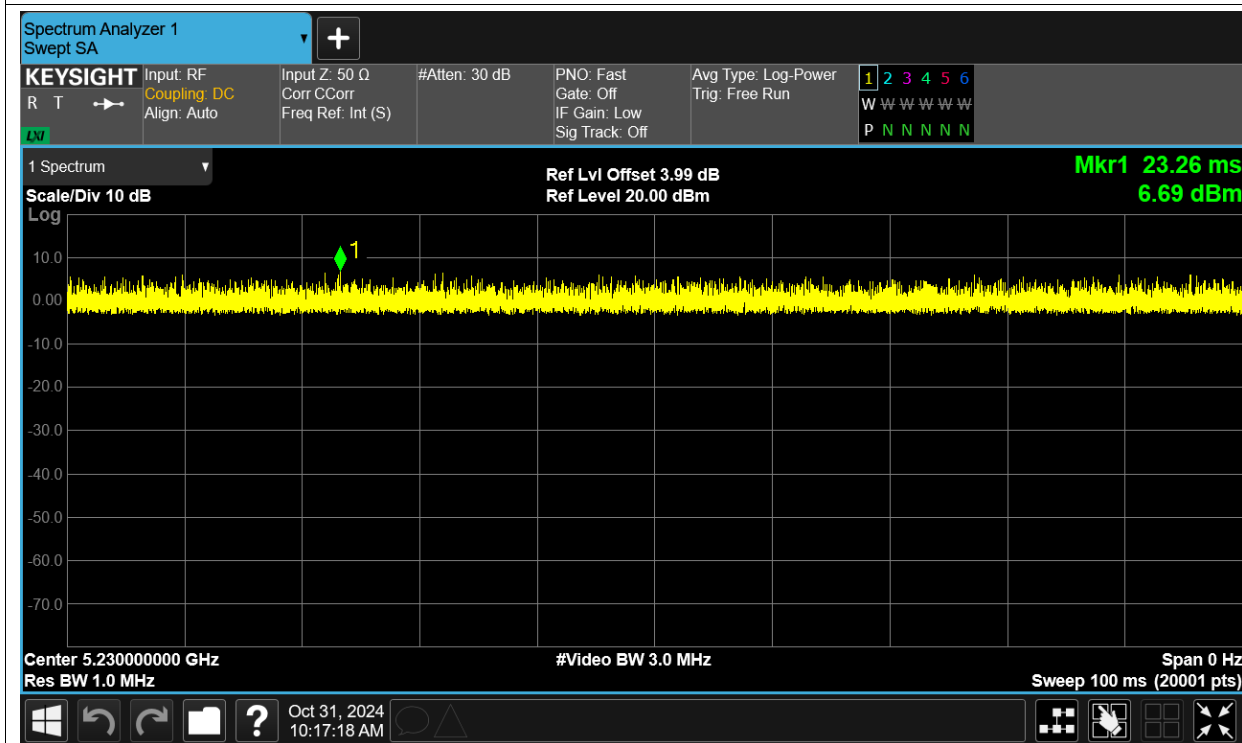
Duty Cycle NVNT ac20 5240MHz Ant1



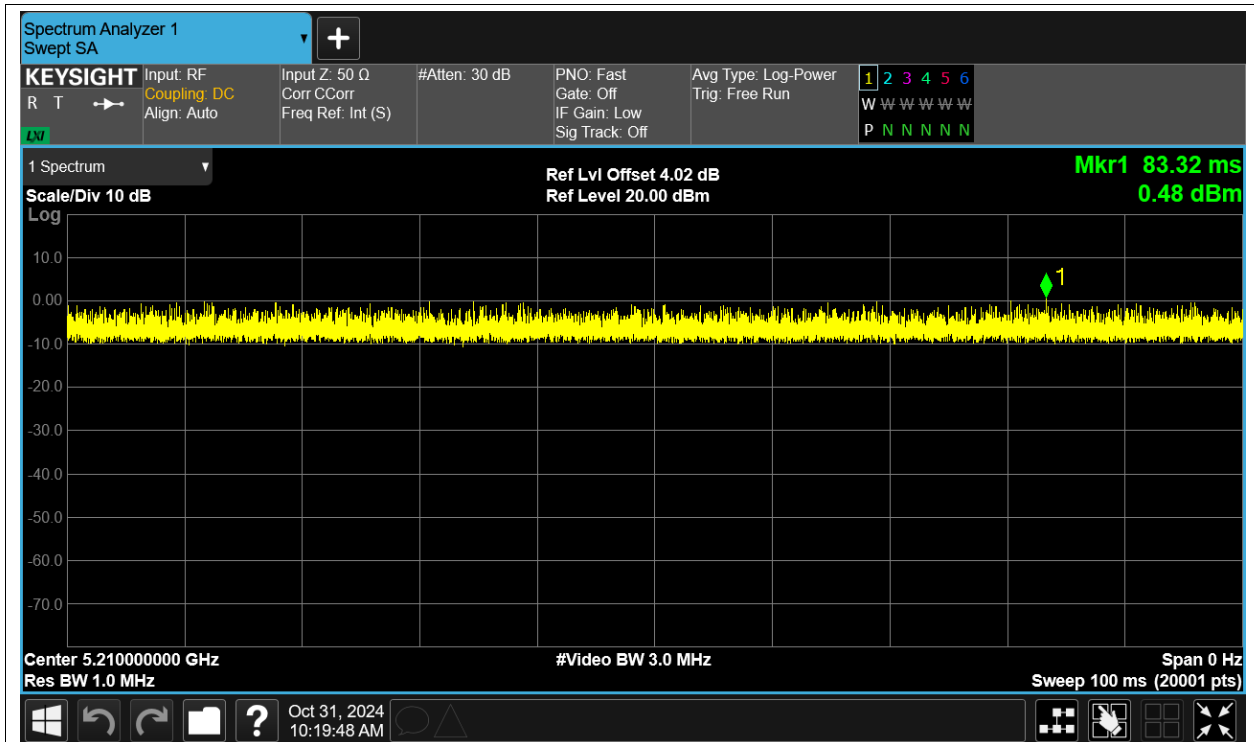
Duty Cycle NVNT ac40 5190MHz Ant1



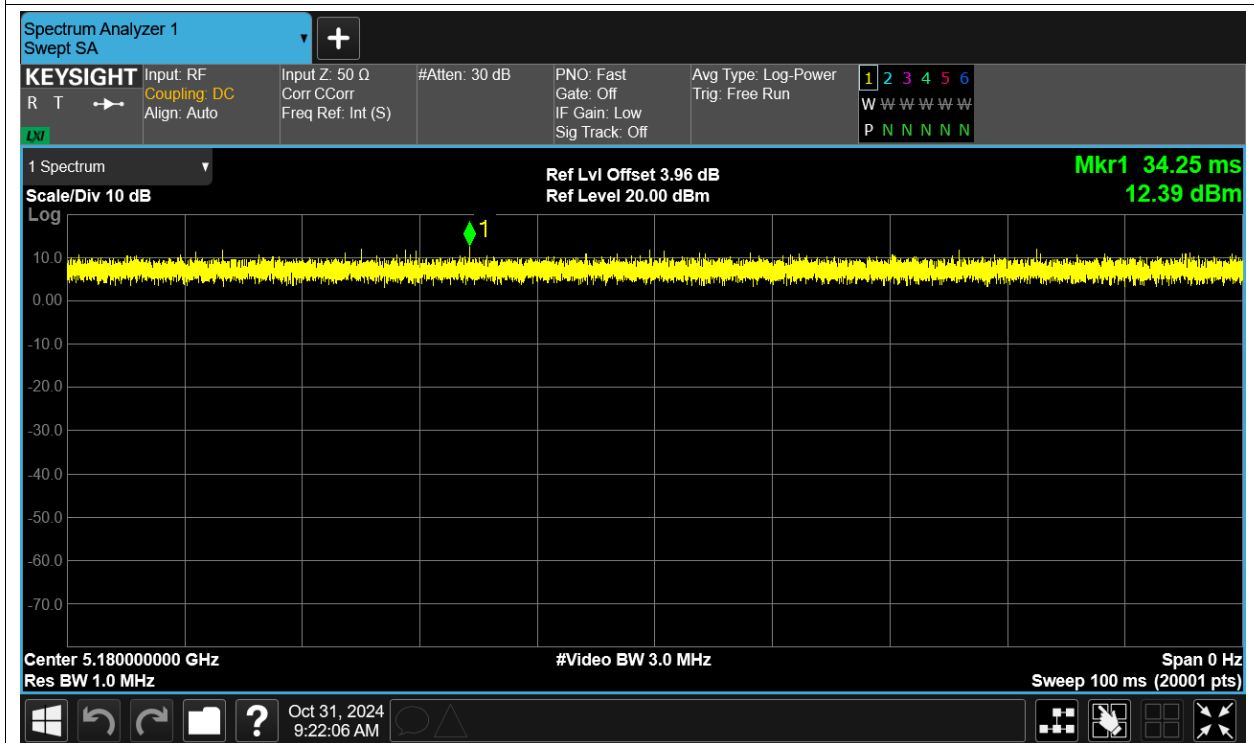
Duty Cycle NVNT ac40 5230MHz Ant1



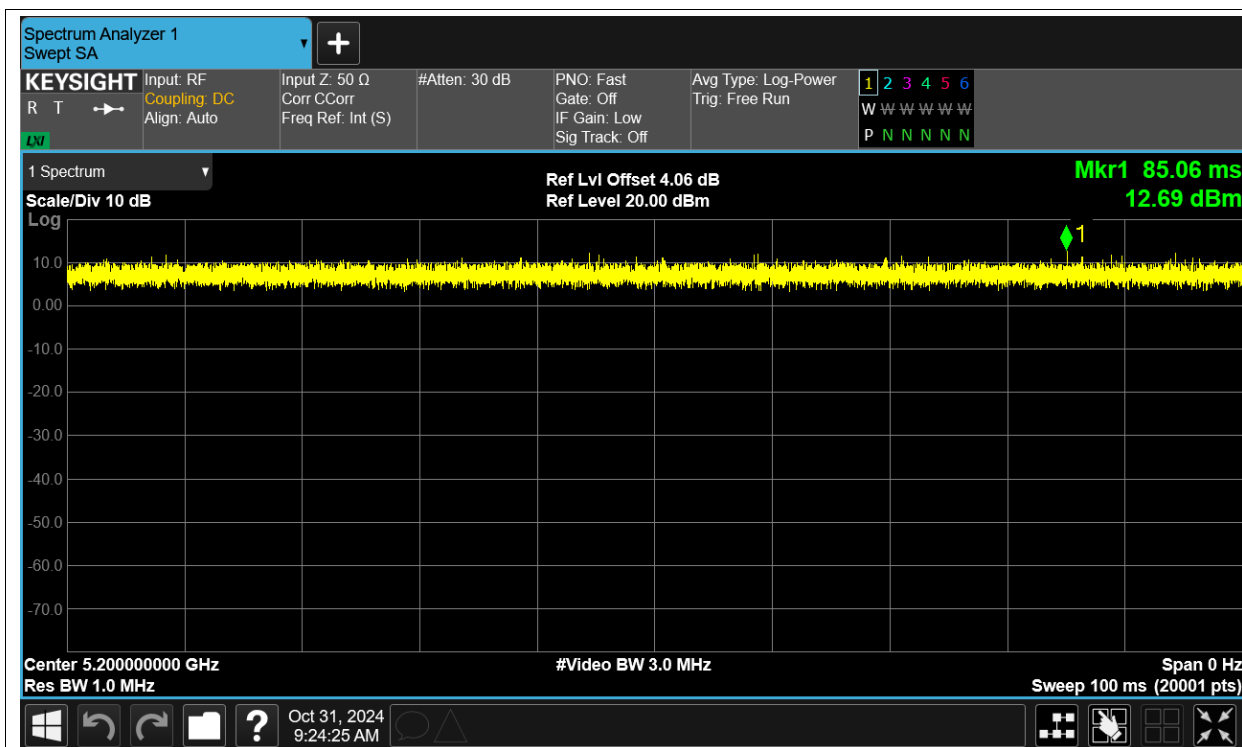
Duty Cycle NVNT ac80 5210MHz Ant1



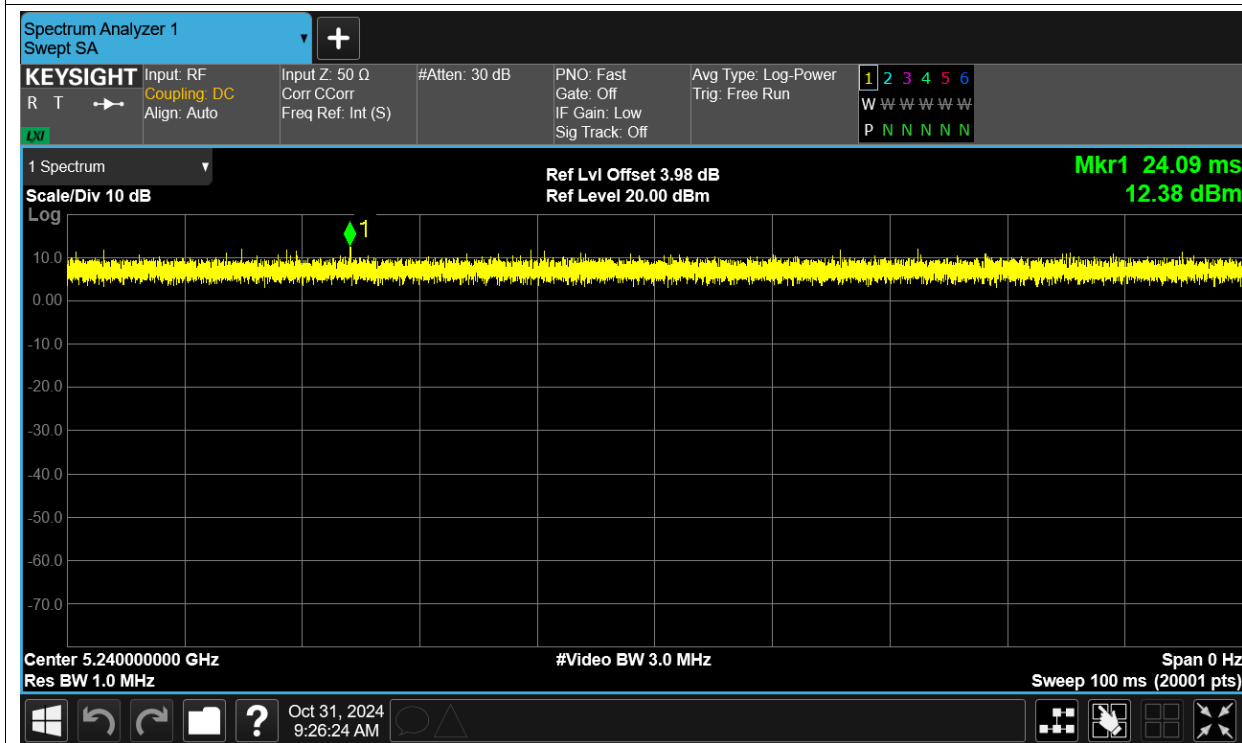
Duty Cycle NVNT n20 5180MHz Ant1



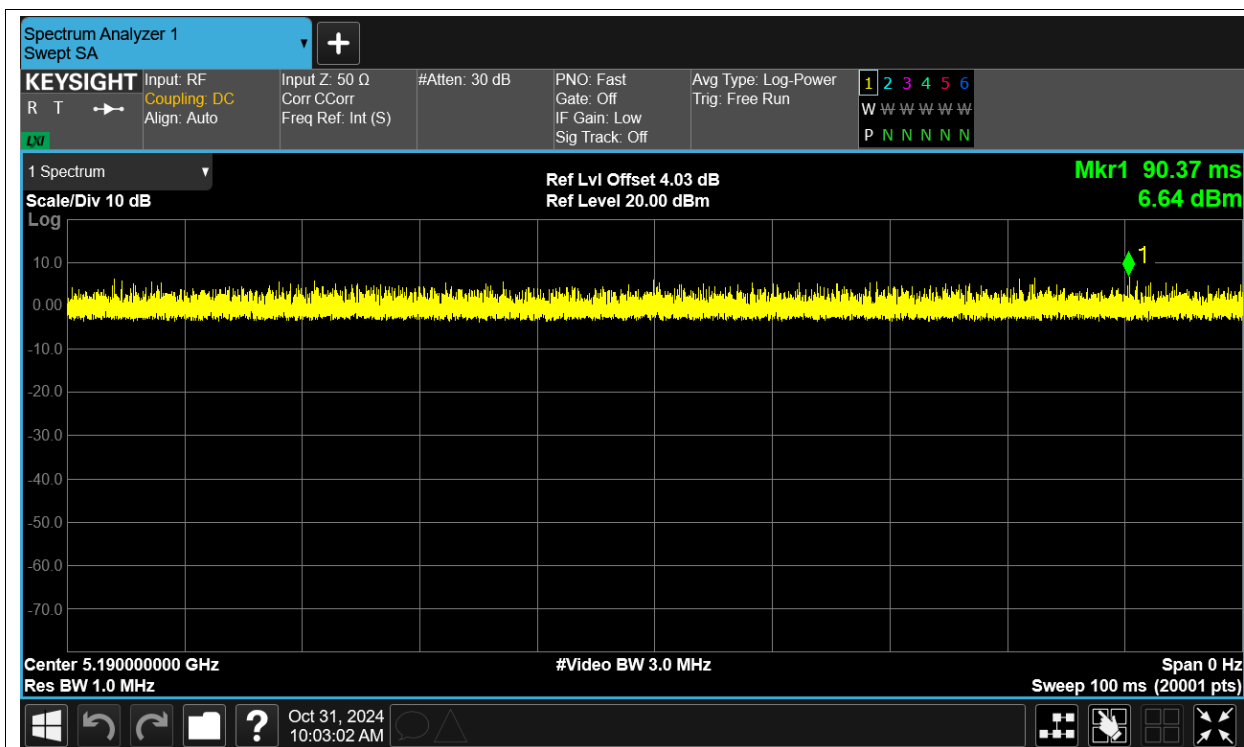
Duty Cycle NVNT n20 5200MHz Ant1



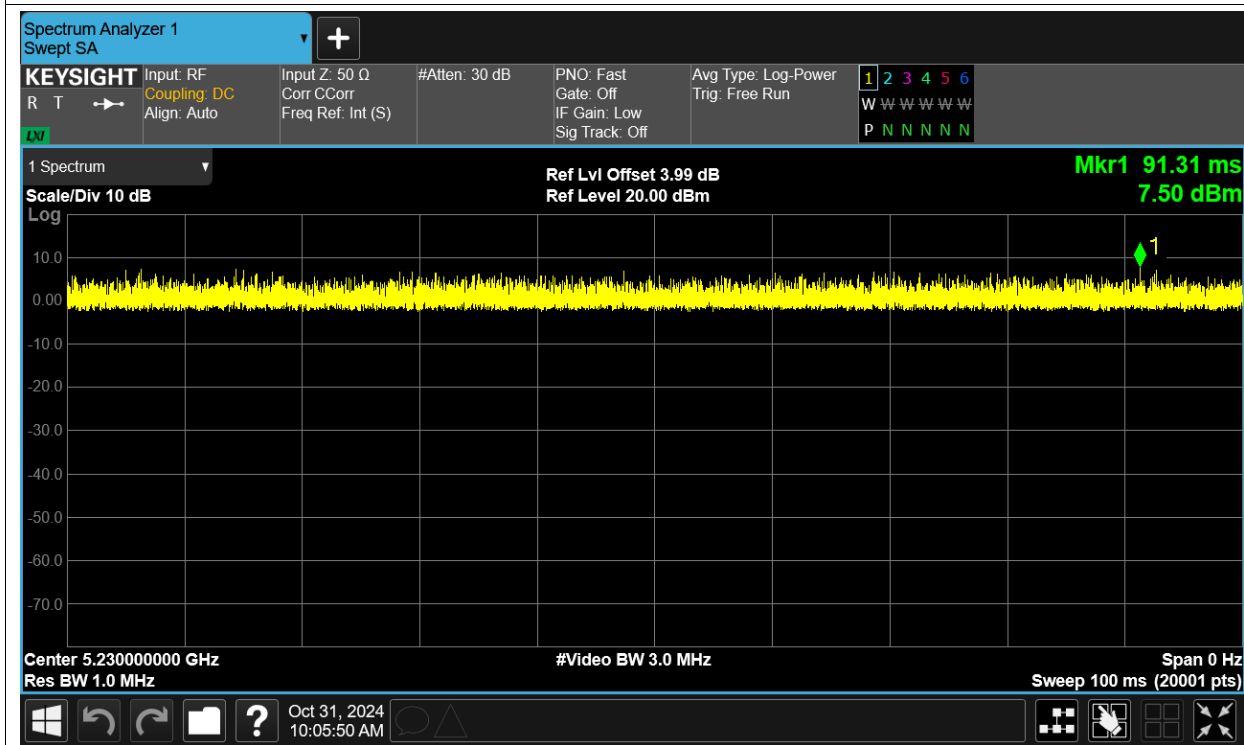
Duty Cycle NVNT n20 5240MHz Ant1



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	14.85	0	14.85	24	Pass
NVNT	a	5200	Ant1	12.86	0	12.86	24	Pass
NVNT	a	5240	Ant1	14.72	0	14.72	24	Pass
NVNT	ac20	5180	Ant1	13.56	0	13.56	24	Pass
NVNT	ac20	5200	Ant1	14.61	0	14.61	24	Pass
NVNT	ac20	5240	Ant1	13.5	0	13.5	24	Pass
NVNT	ac40	5190	Ant1	13.07	0	13.07	23	Pass
NVNT	ac40	5230	Ant1	12.72	0	12.72	24	Pass
NVNT	ac80	5210	Ant1	10.54	0	10.54	24	Pass
NVNT	n20	5180	Ant1	13.67	0	13.67	24	Pass
NVNT	n20	5200	Ant1	14.54	0	14.54	24	Pass
NVNT	n20	5240	Ant1	13.47	0	13.47	24	Pass
NVNT	n40	5190	Ant1	12.97	0	12.97	24	Pass
NVNT	n40	5230	Ant1	13.57	0	13.57	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	23.721
NVNT	a	5200	Ant1	19.772
NVNT	a	5240	Ant1	19.669
NVNT	ac20	5180	Ant1	21.847
NVNT	ac20	5200	Ant1	22.477
NVNT	ac20	5240	Ant1	21.792
NVNT	ac40	5190	Ant1	39.236
NVNT	ac40	5230	Ant1	39.627
NVNT	ac80	5210	Ant1	79.87
NVNT	n20	5180	Ant1	22.783
NVNT	n20	5200	Ant1	20.346
NVNT	n20	5240	Ant1	24.108
NVNT	n40	5190	Ant1	39.525
NVNT	n40	5230	Ant1	40.456

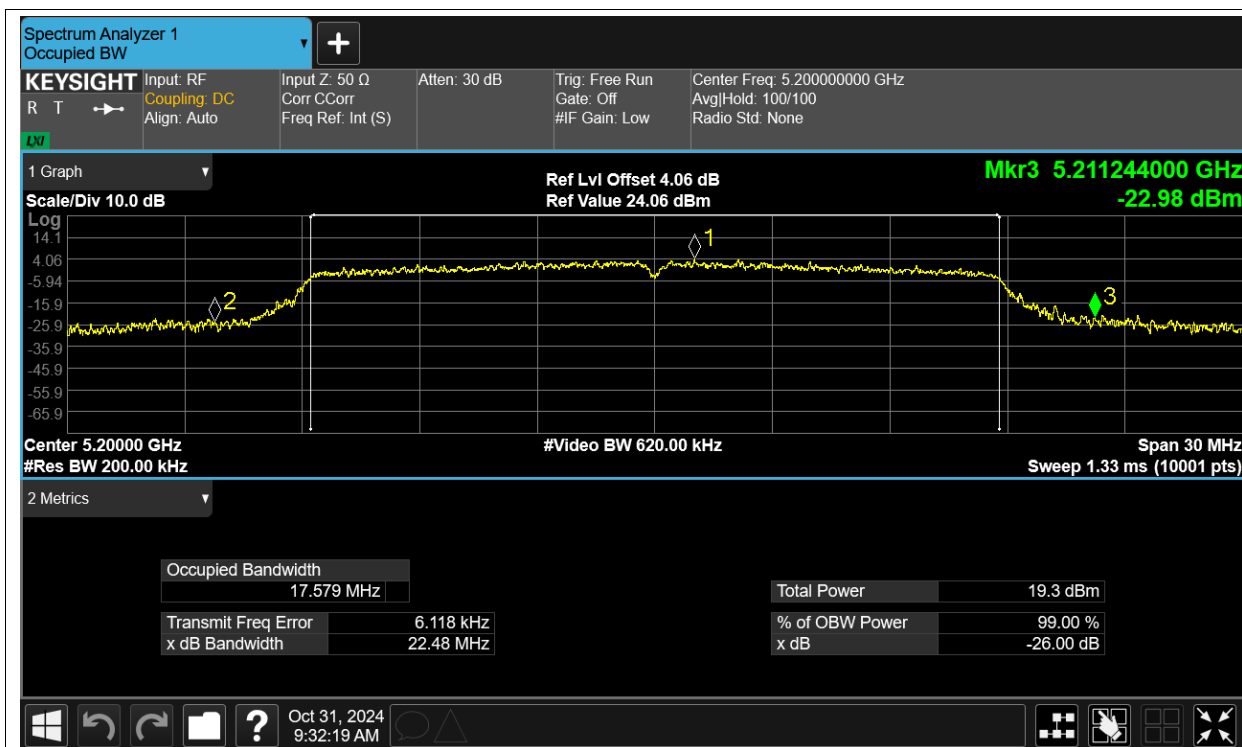




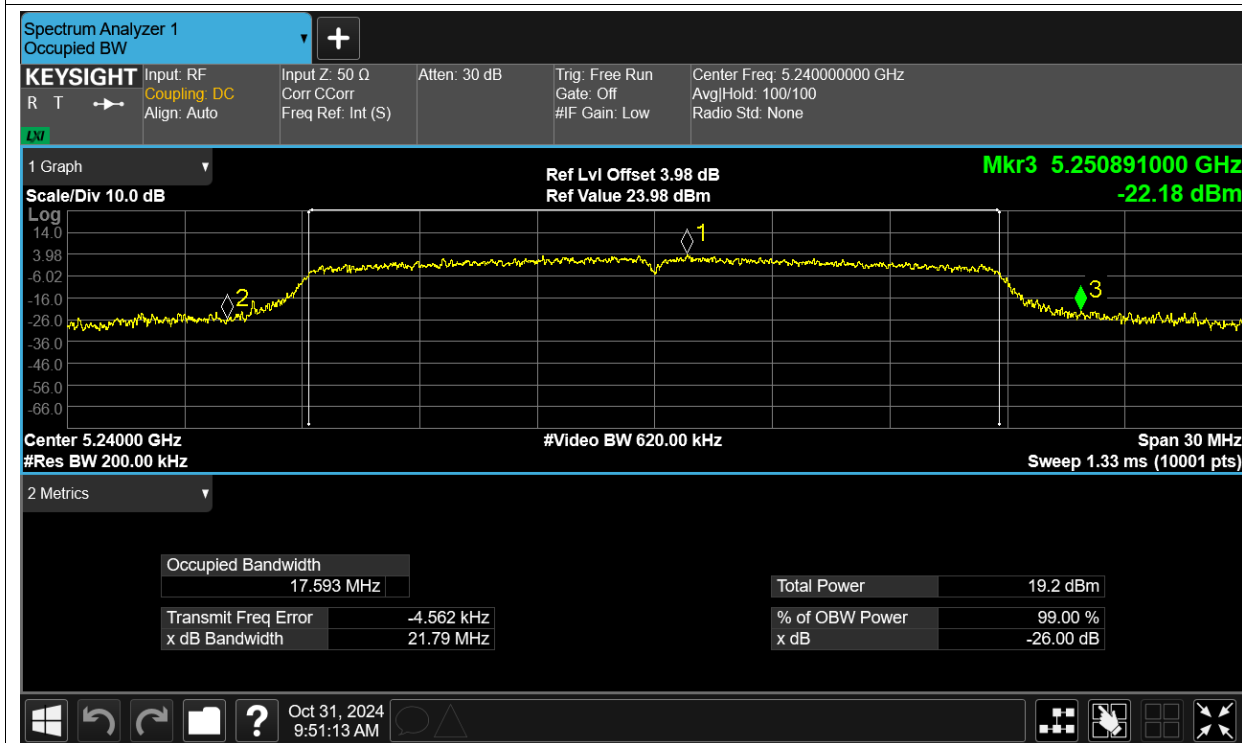
-26dB Bandwidth NVNT ac20 5180MHz Ant1



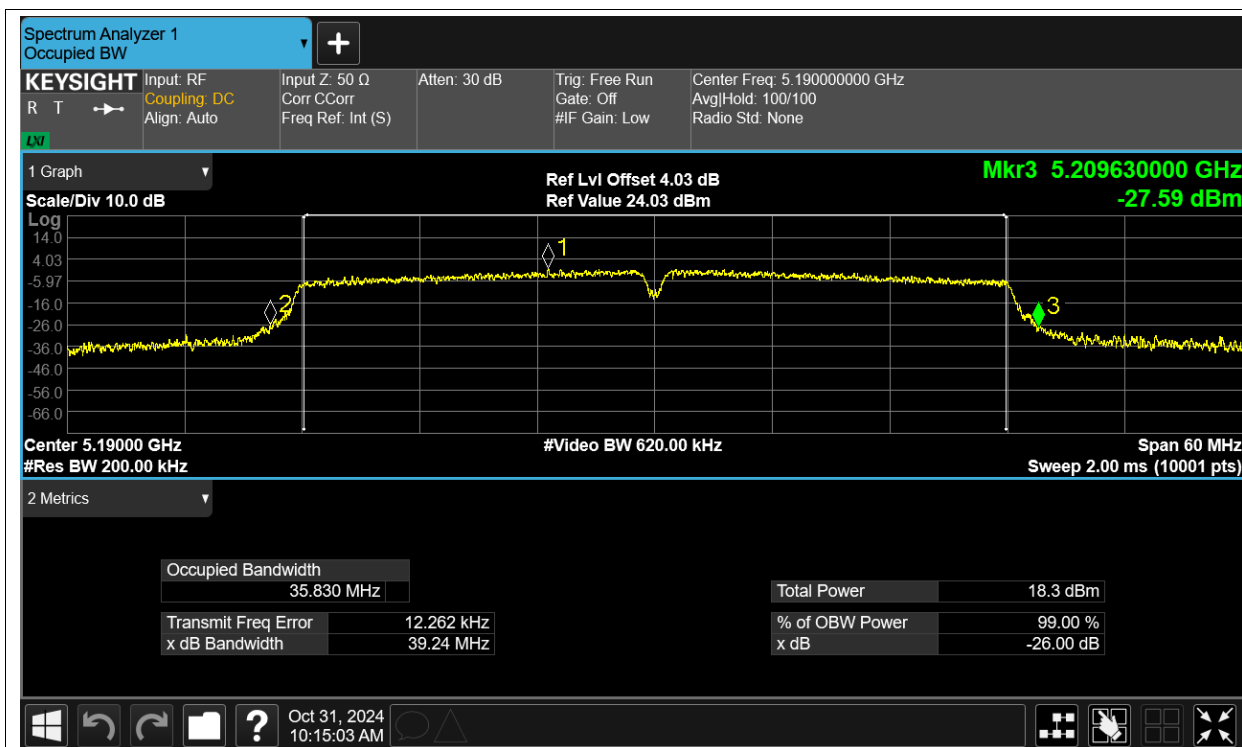
-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



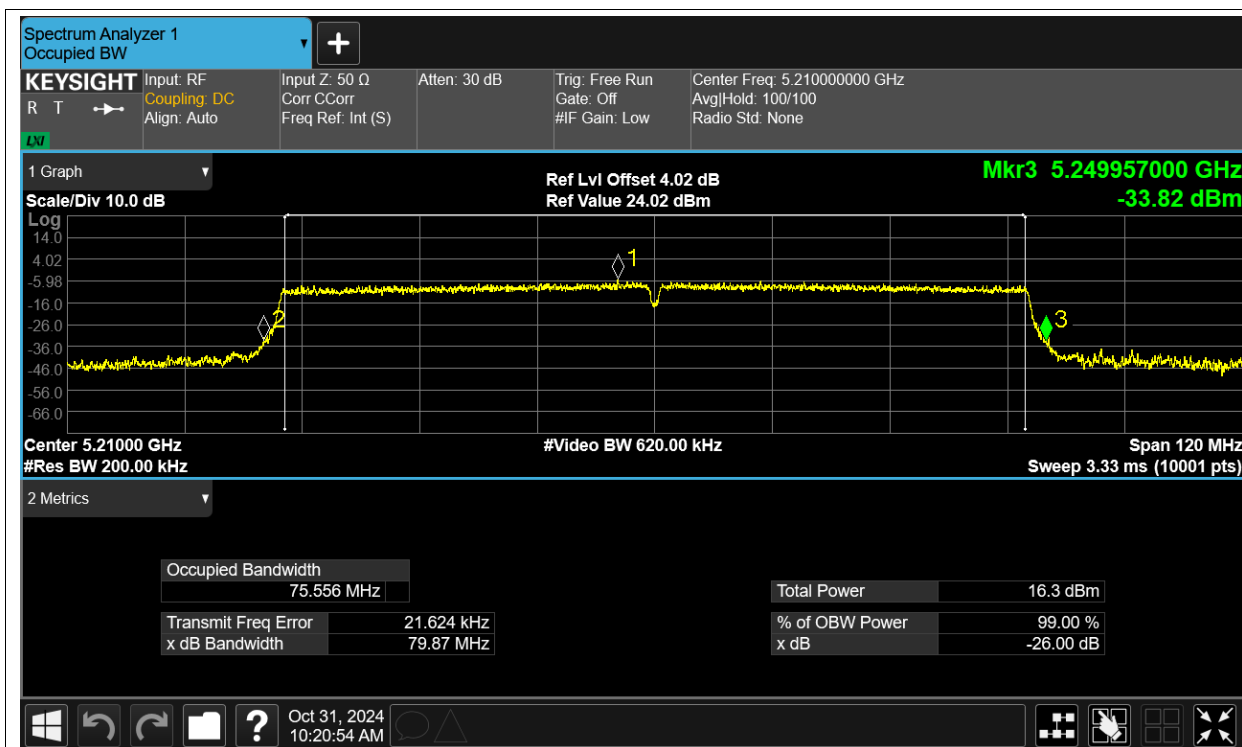
-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



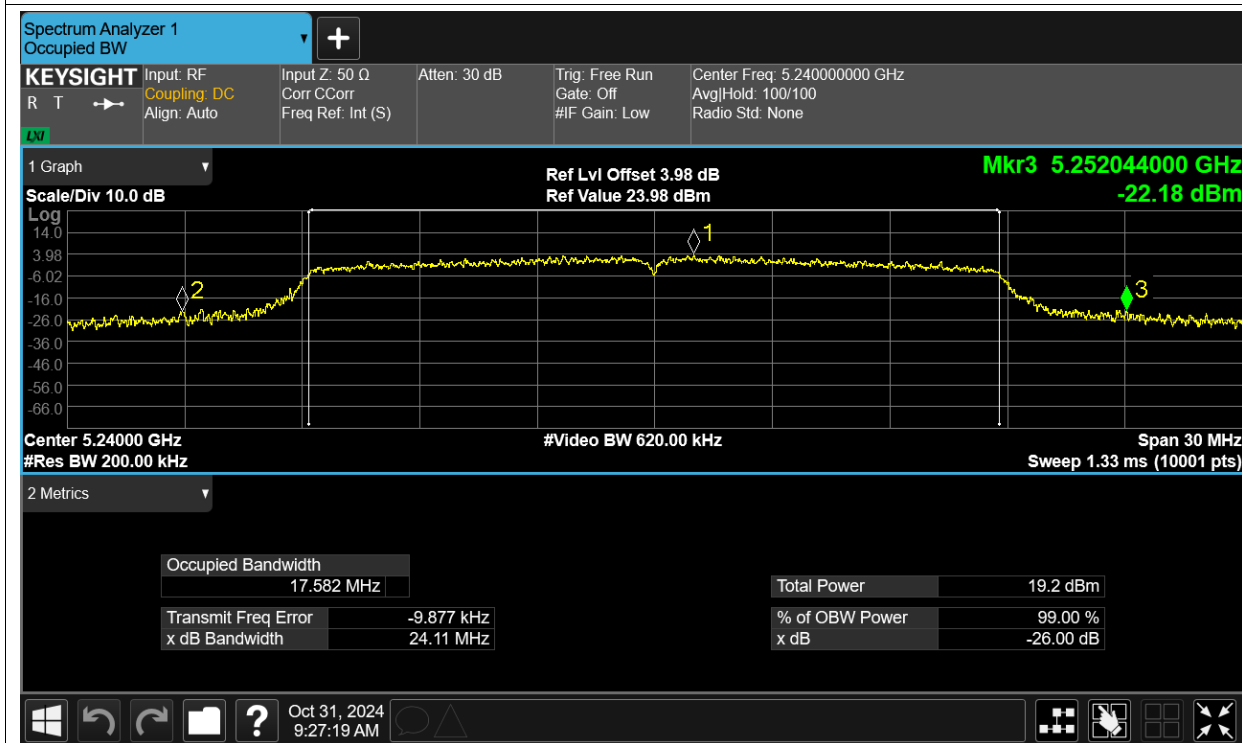
-26dB Bandwidth NVNT n20 5180MHz Ant1



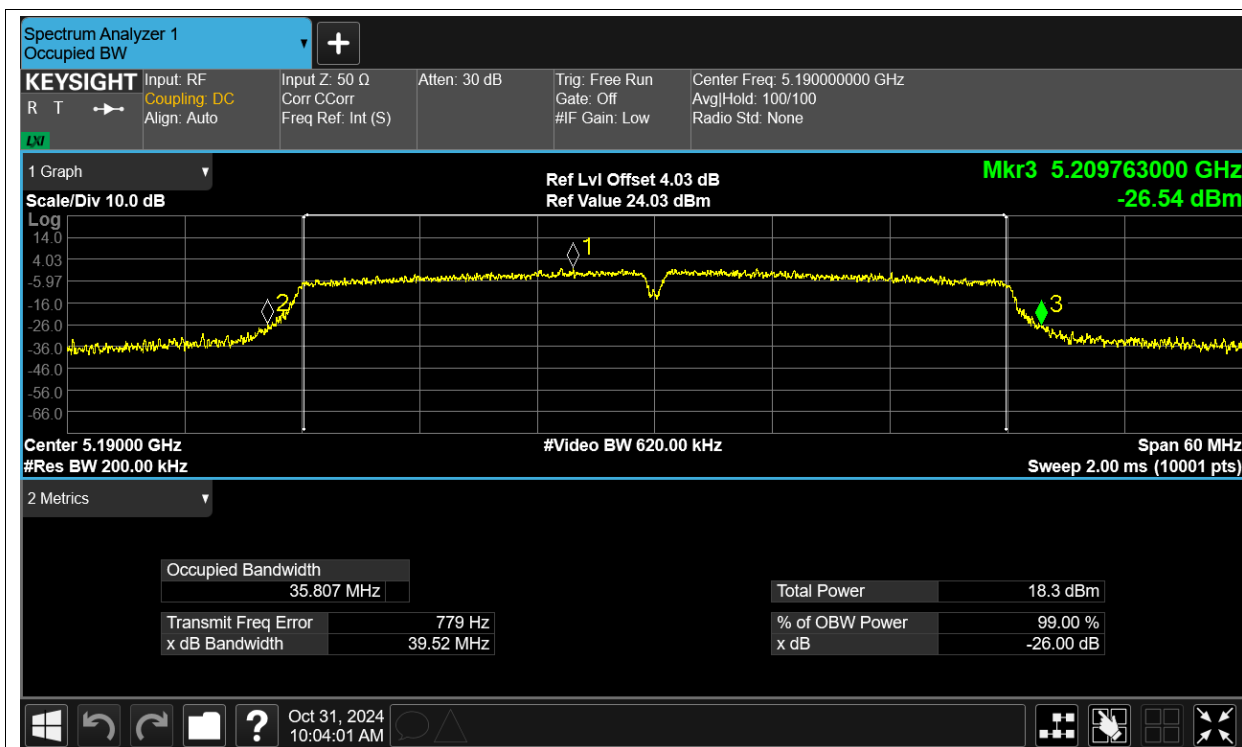
-26dB Bandwidth NVNT n20 5200MHz Ant1



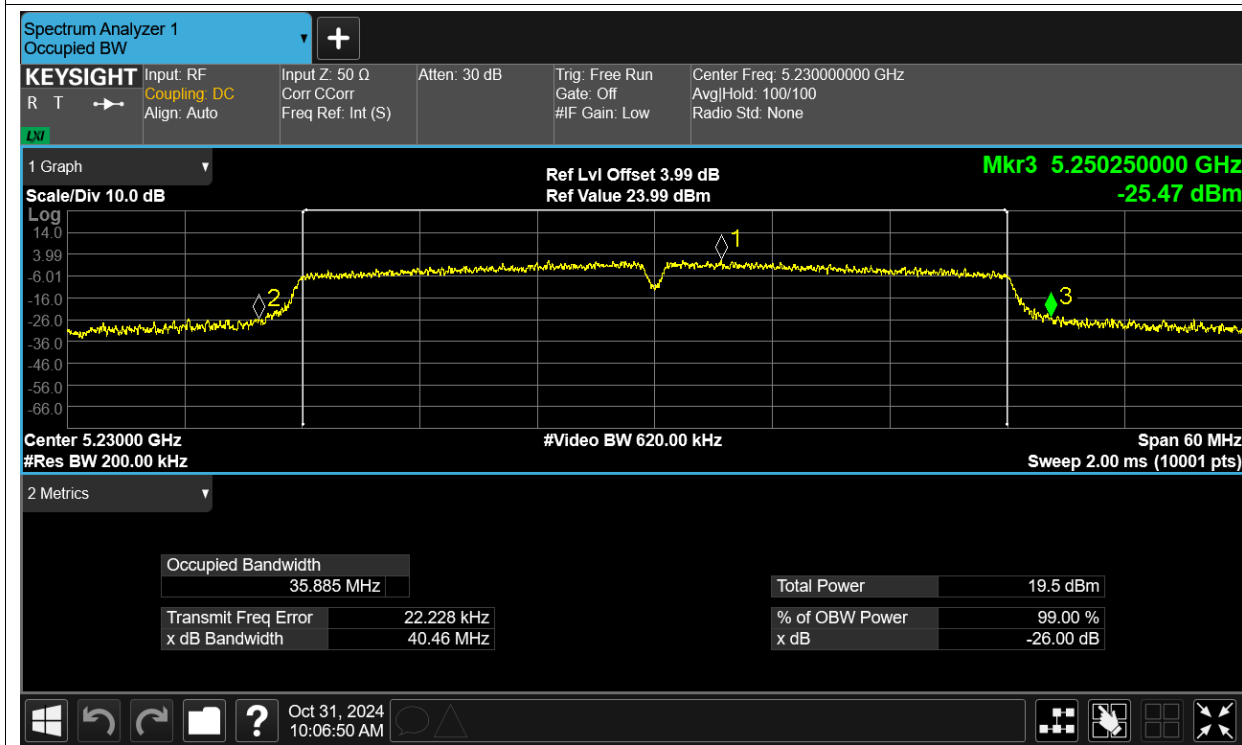
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

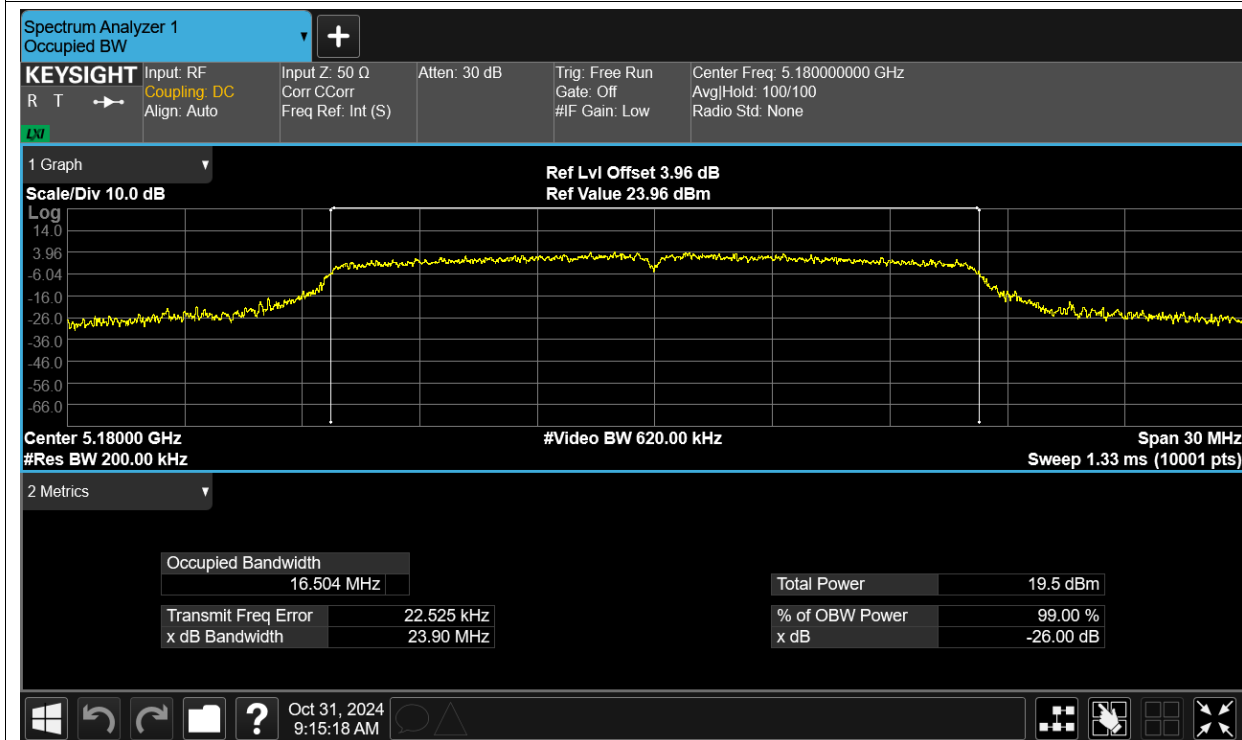


Occupied Channel Bandwidth

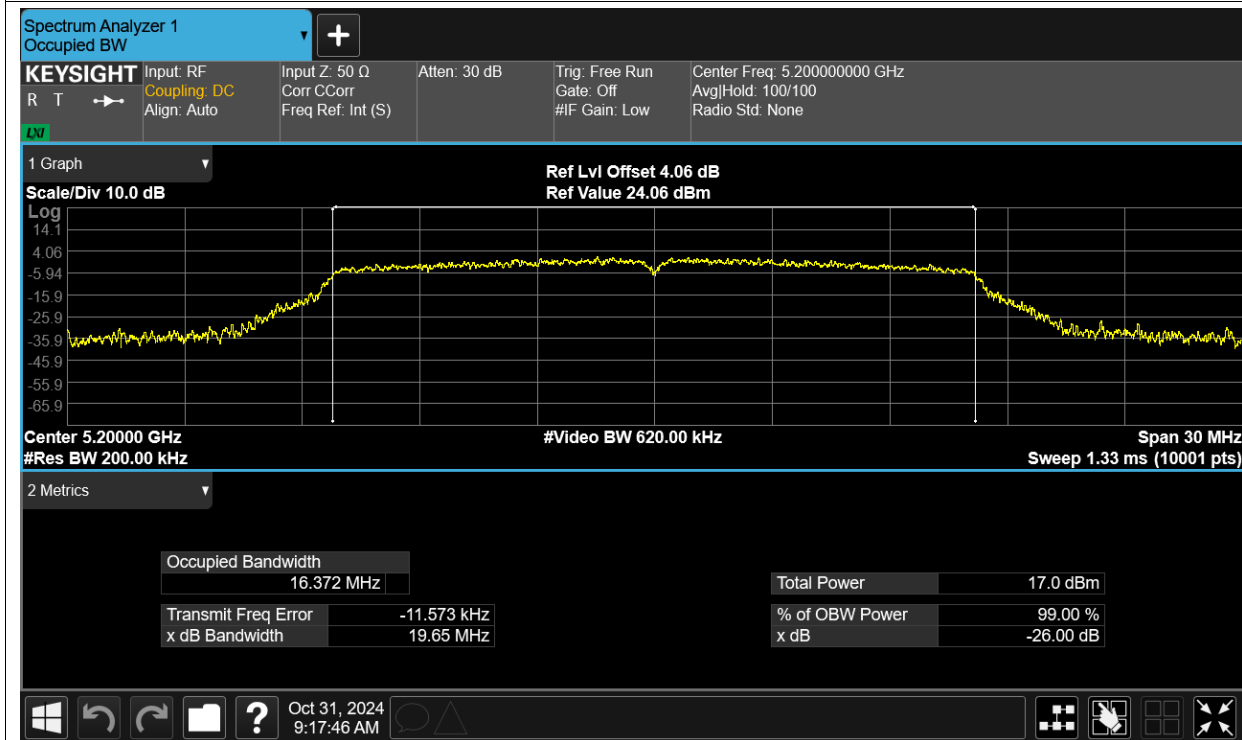
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.504
NVNT	a	5200	Ant1	16.372
NVNT	a	5240	Ant1	16.406
NVNT	ac20	5180	Ant1	17.592
NVNT	ac20	5200	Ant1	17.616
NVNT	ac20	5240	Ant1	17.603
NVNT	ac40	5190	Ant1	35.897
NVNT	ac40	5230	Ant1	35.894
NVNT	ac80	5210	Ant1	75.592
NVNT	n20	5180	Ant1	17.611
NVNT	n20	5200	Ant1	17.597
NVNT	n20	5240	Ant1	17.627
NVNT	n40	5190	Ant1	35.912
NVNT	n40	5230	Ant1	35.985

Test Graphs

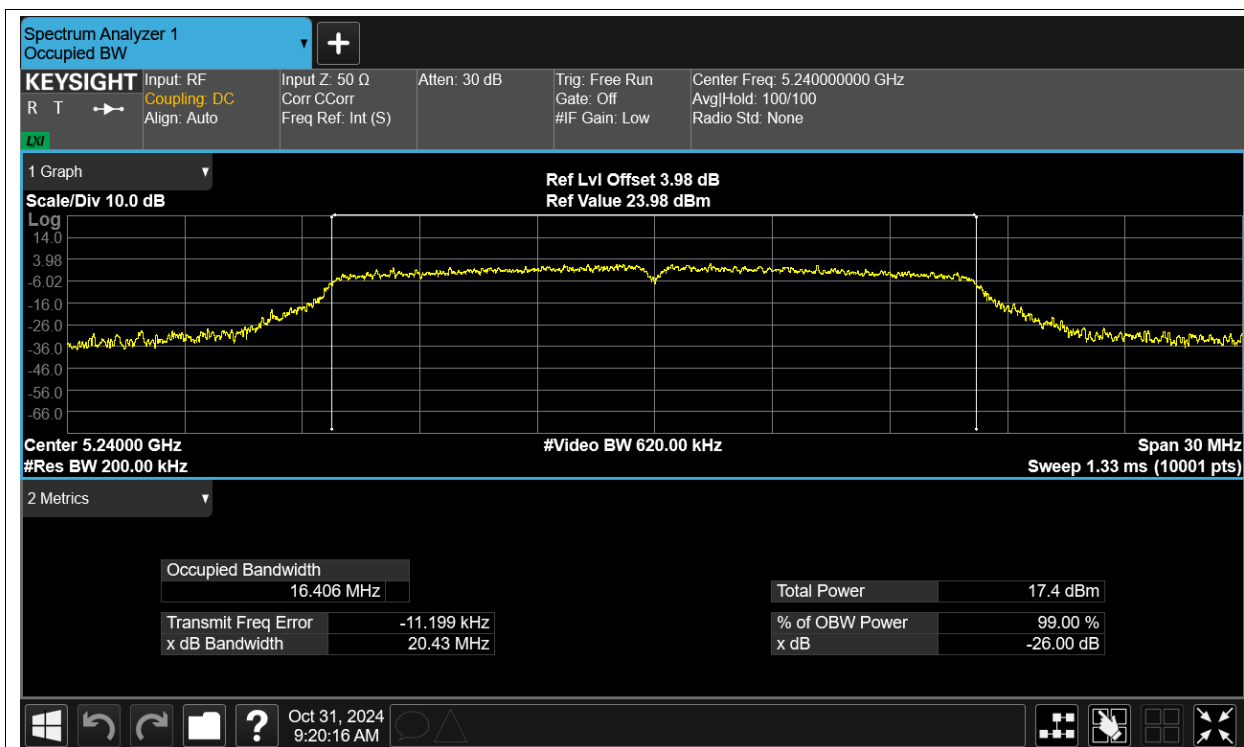
OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



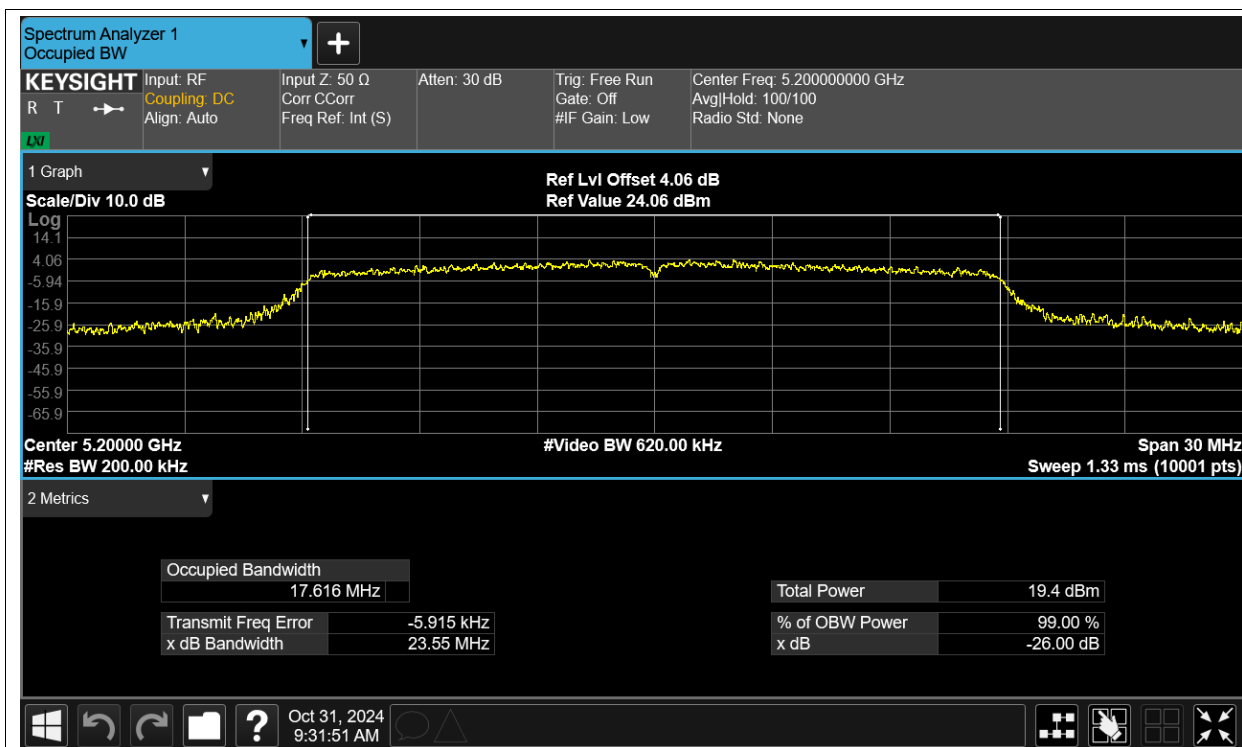
OBW NVNT a 5240MHz Ant1



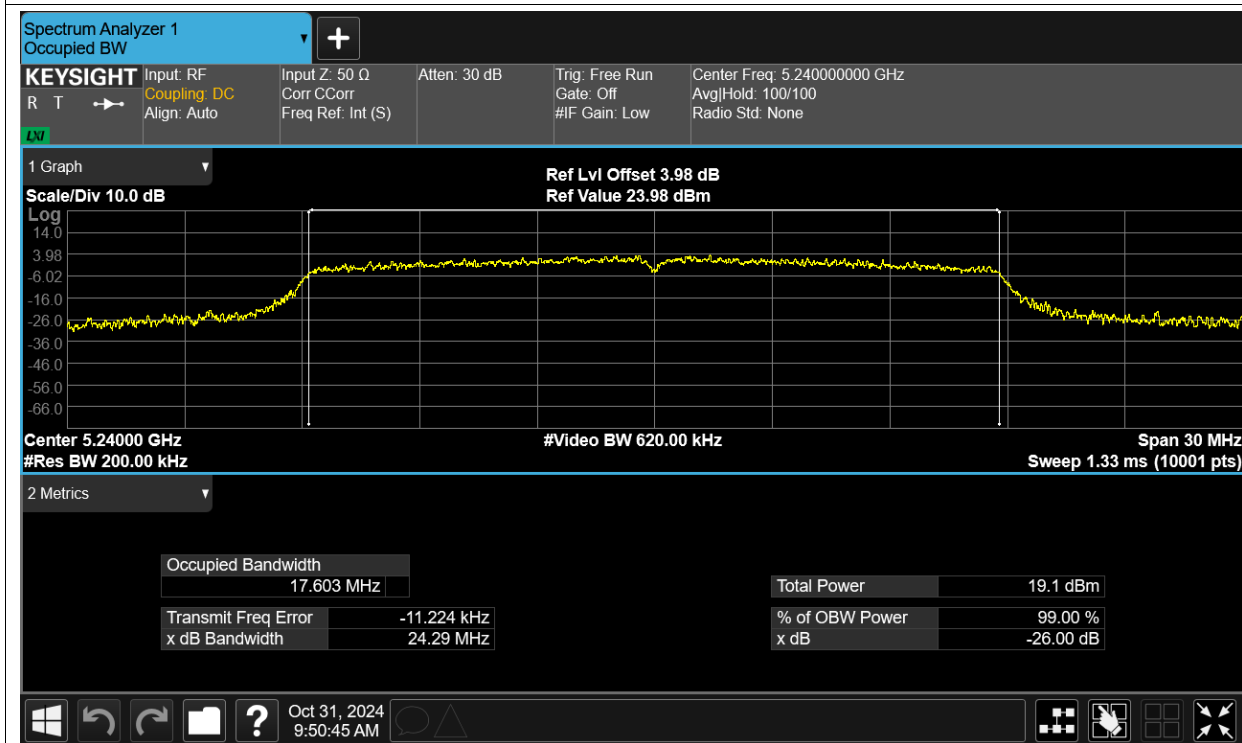
OBW NVNT ac20 5180MHz Ant1



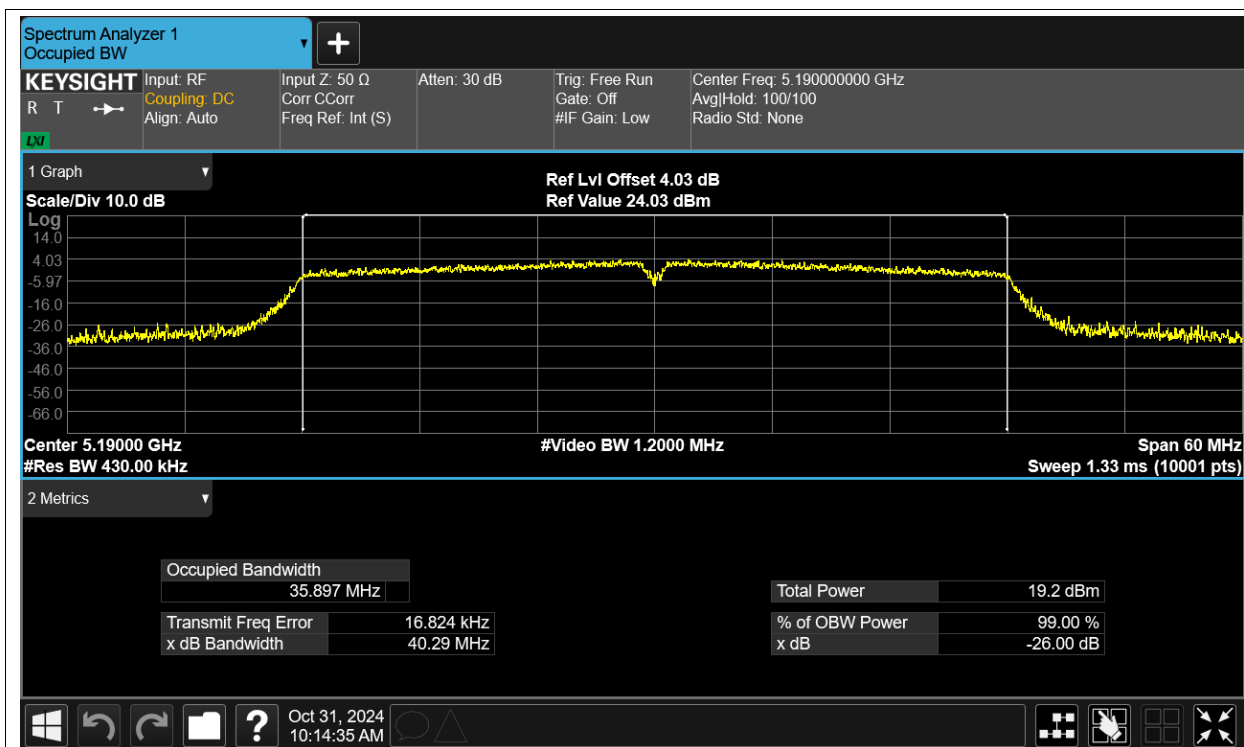
OBW NVNT ac20 5200MHz Ant1



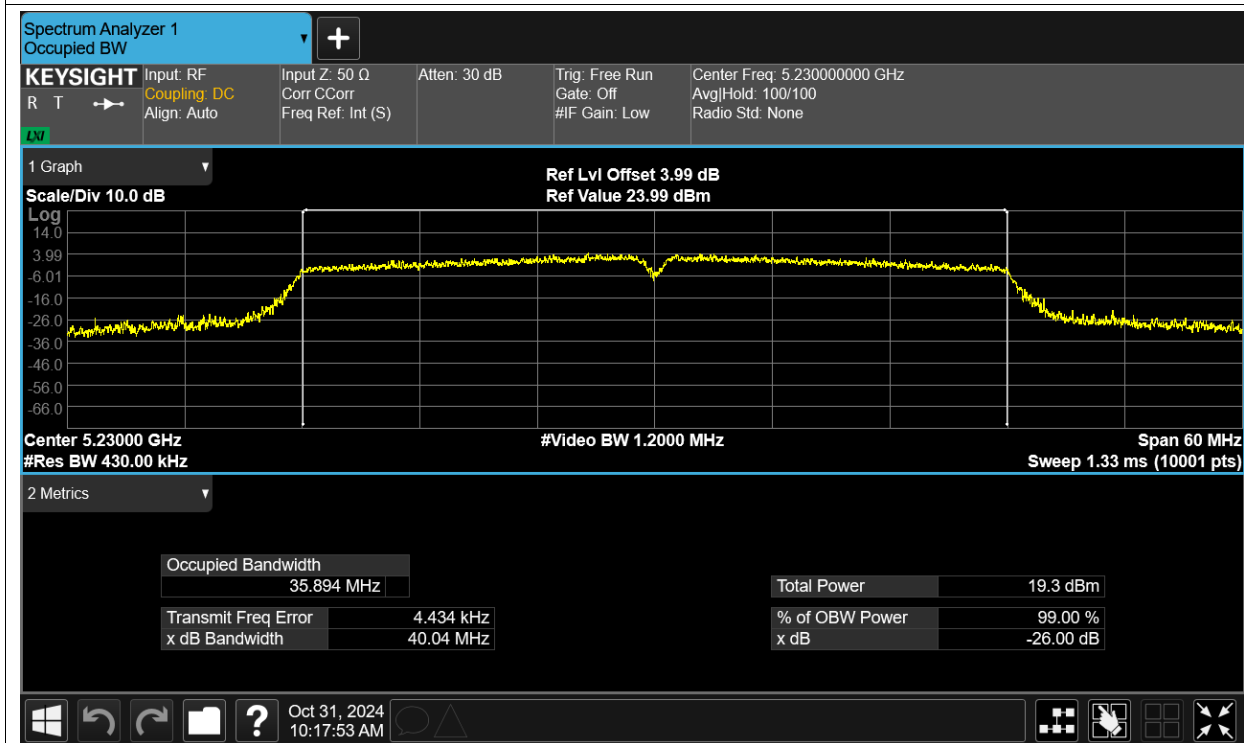
OBW NVNT ac20 5240MHz Ant1



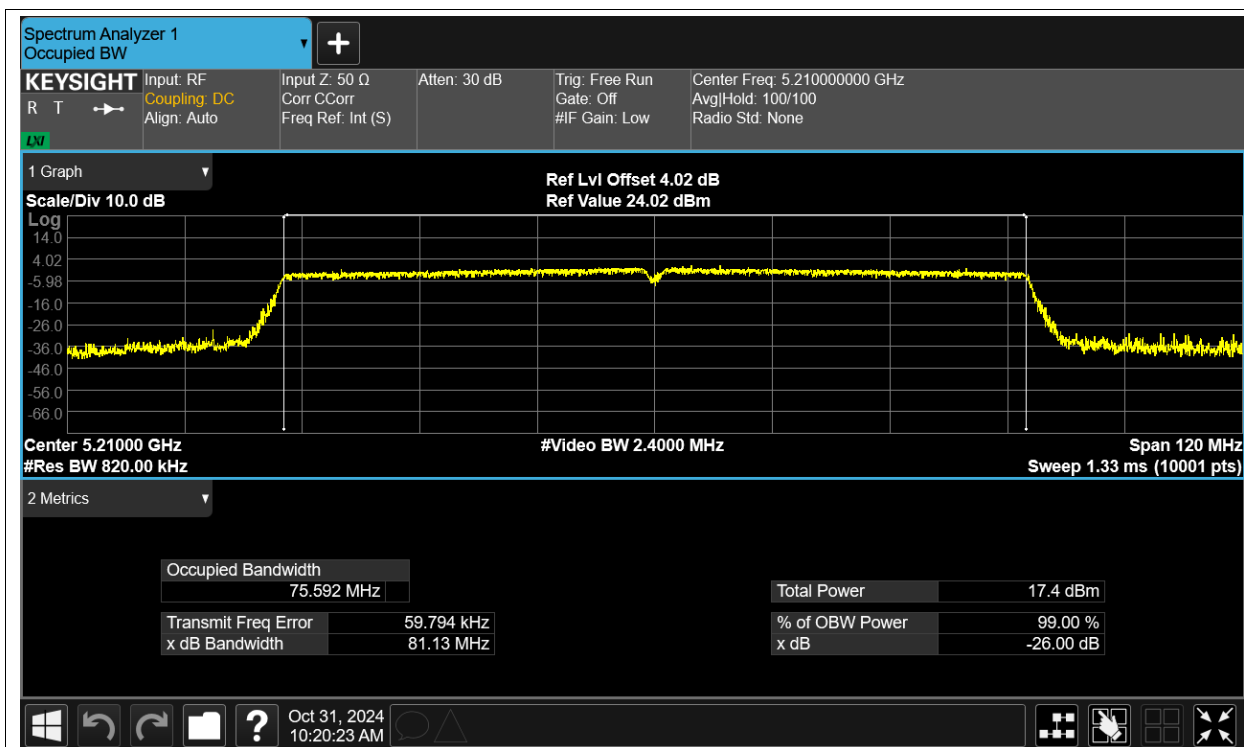
OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1



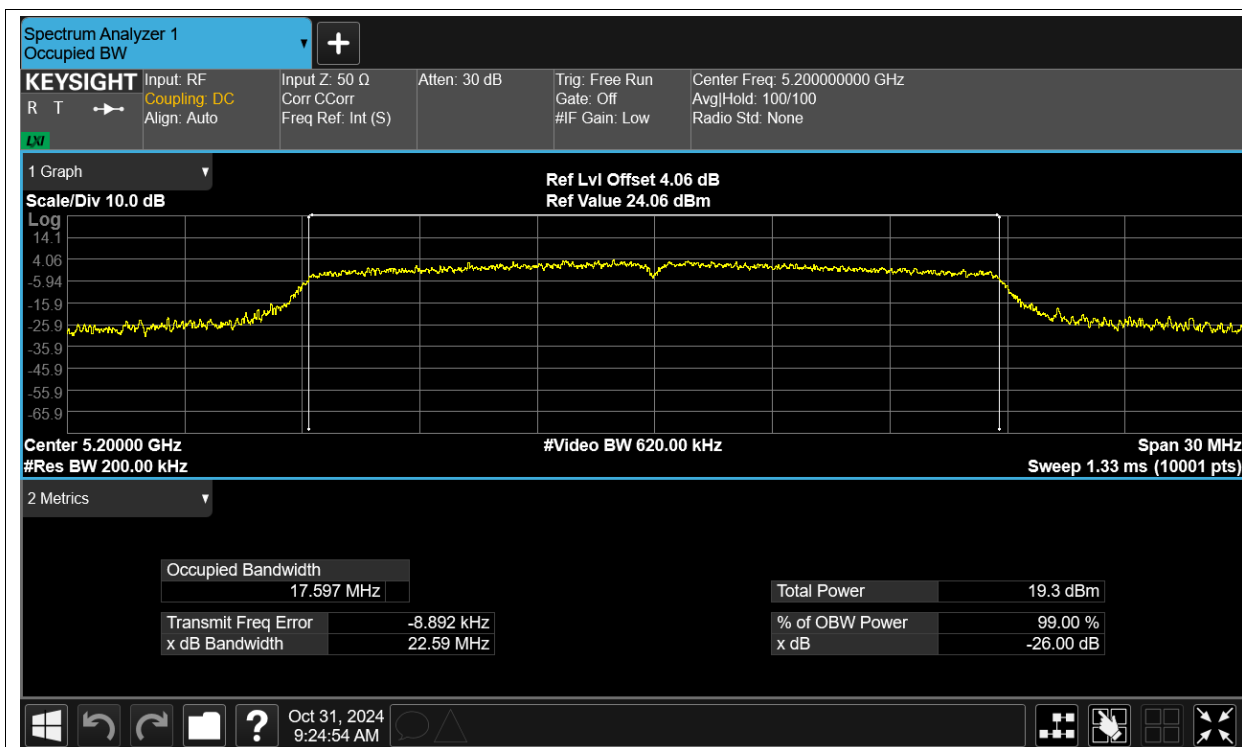
OBW NVNT ac80 5210MHz Ant1



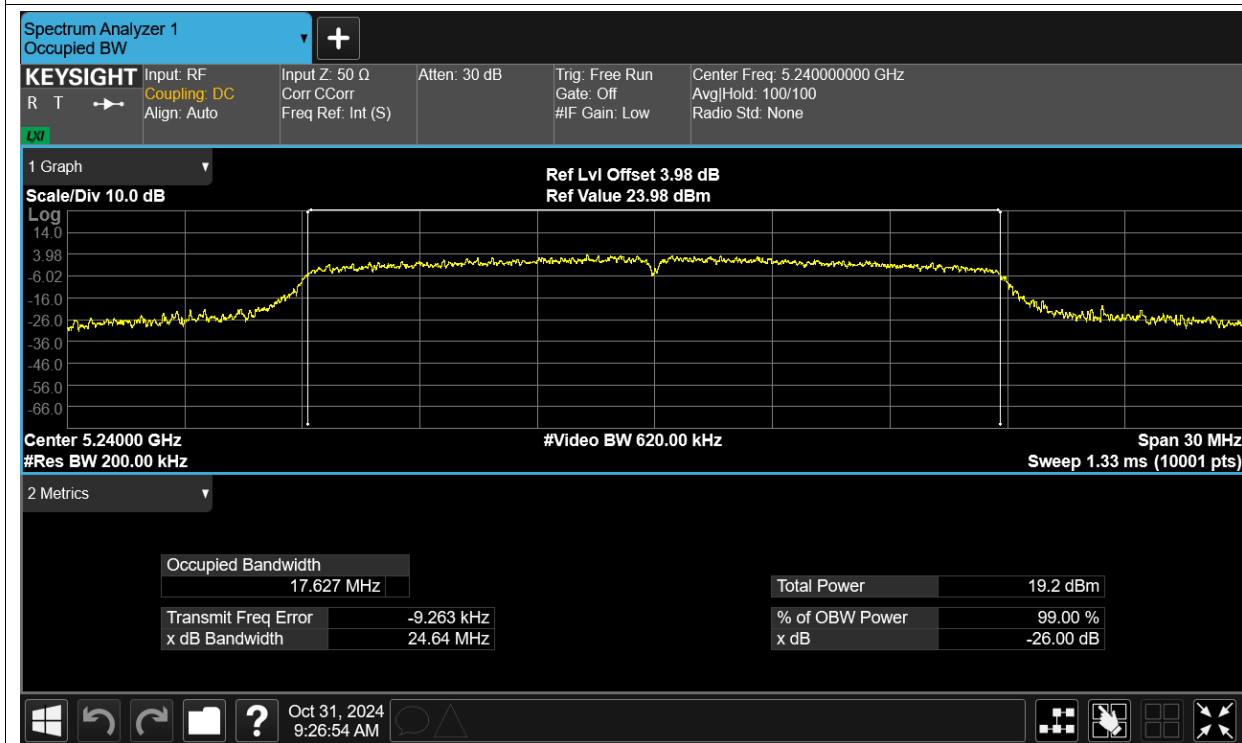
OBW NVNT n20 5180MHz Ant1



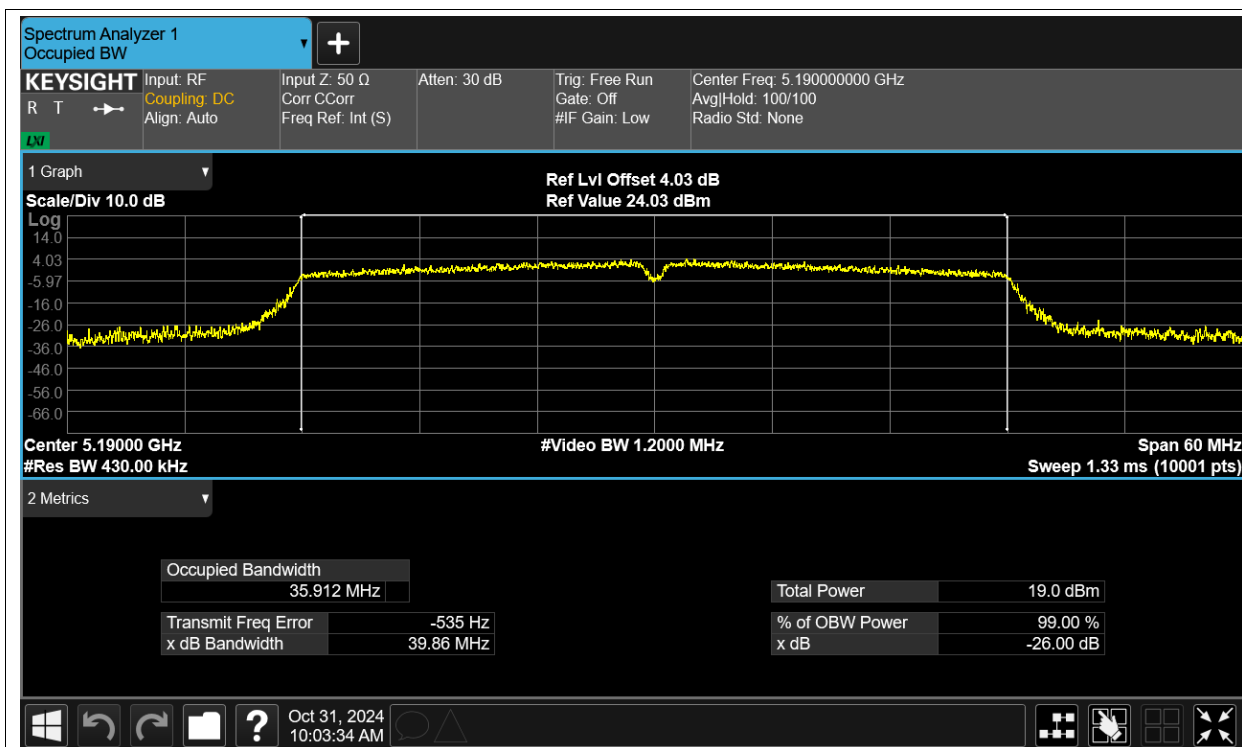
OBW NVNT n20 5200MHz Ant1



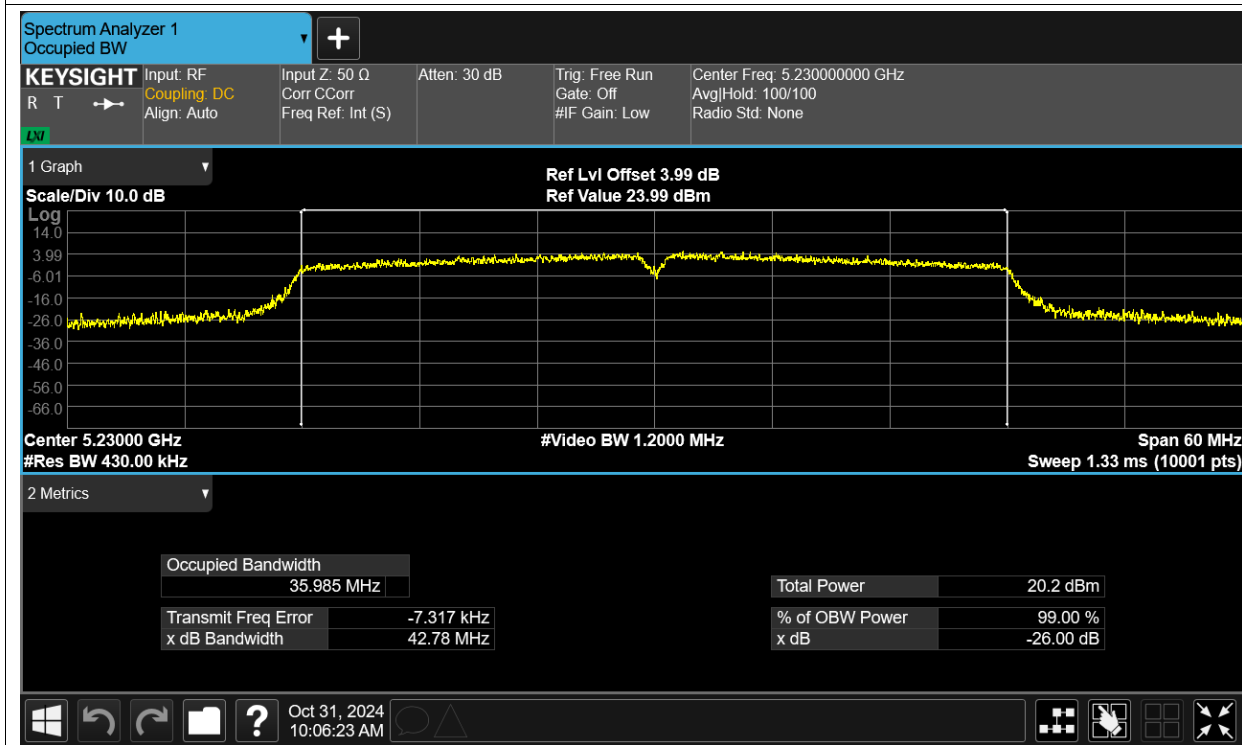
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

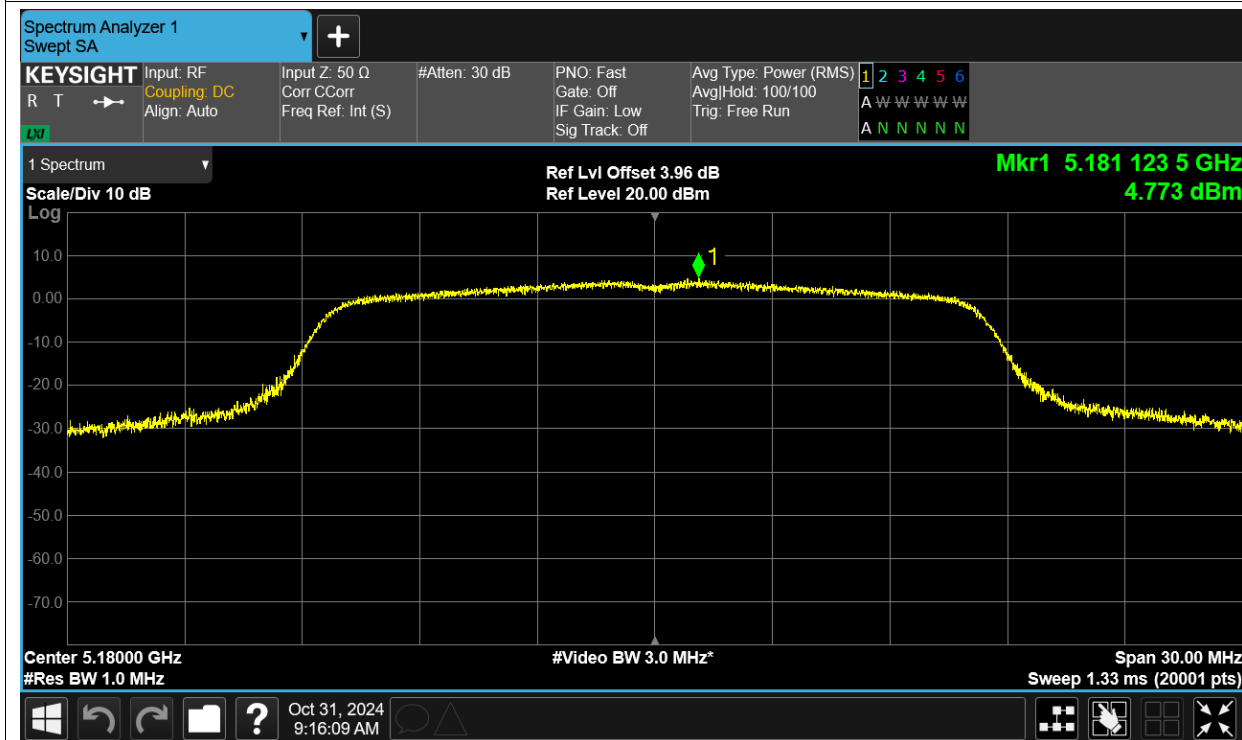


Maximum Power Spectral Density Level

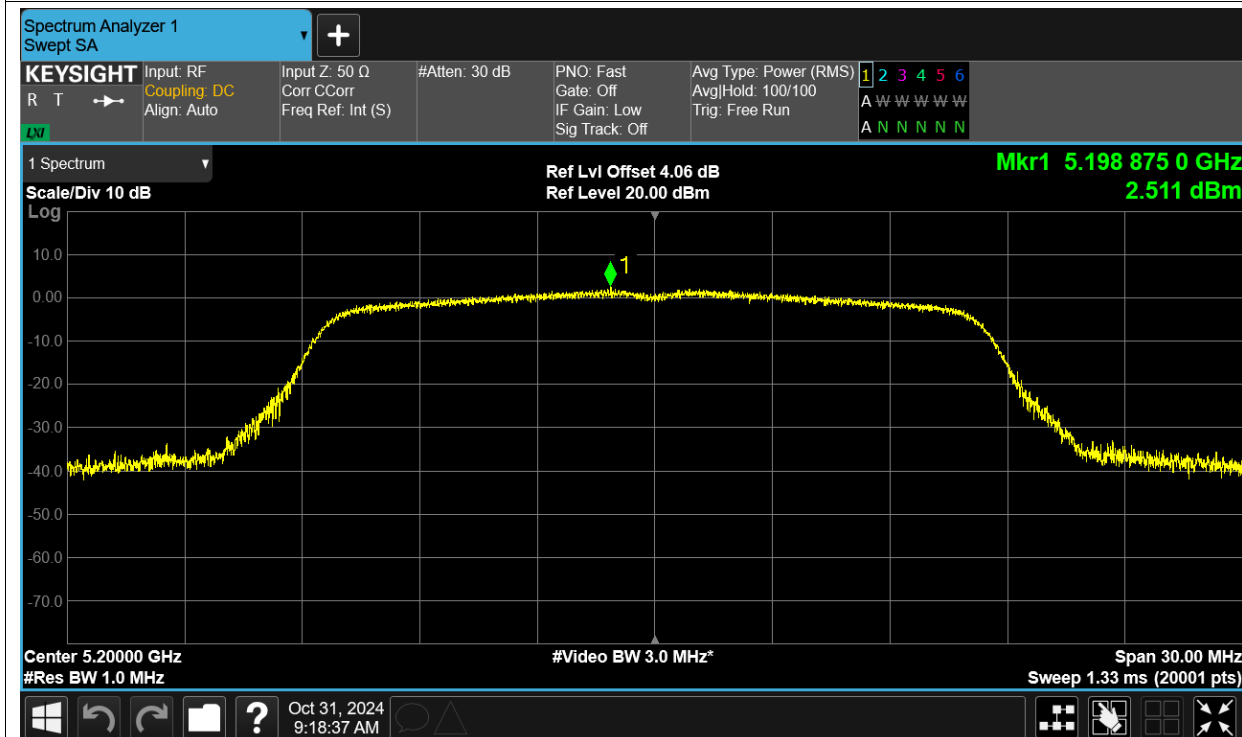
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	4.773	11	Pass
NVNT	a	5200	Ant1	2.511	11	Pass
NVNT	a	5240	Ant1	2.545	11	Pass
NVNT	ac20	5180	Ant1	3.835	11	Pass
NVNT	ac20	5200	Ant1	4.223	11	Pass
NVNT	ac20	5240	Ant1	3.883	11	Pass
NVNT	ac40	5190	Ant1	1.106	11	Pass
NVNT	ac40	5230	Ant1	1.245	11	Pass
NVNT	ac80	5210	Ant1	-5.502	11	Pass
NVNT	n20	5180	Ant1	4.159	11	Pass
NVNT	n20	5200	Ant1	4.096	11	Pass
NVNT	n20	5240	Ant1	4.118	11	Pass
NVNT	n40	5190	Ant1	1.212	11	Pass
NVNT	n40	5230	Ant1	2.192	11	Pass

Test Graphs

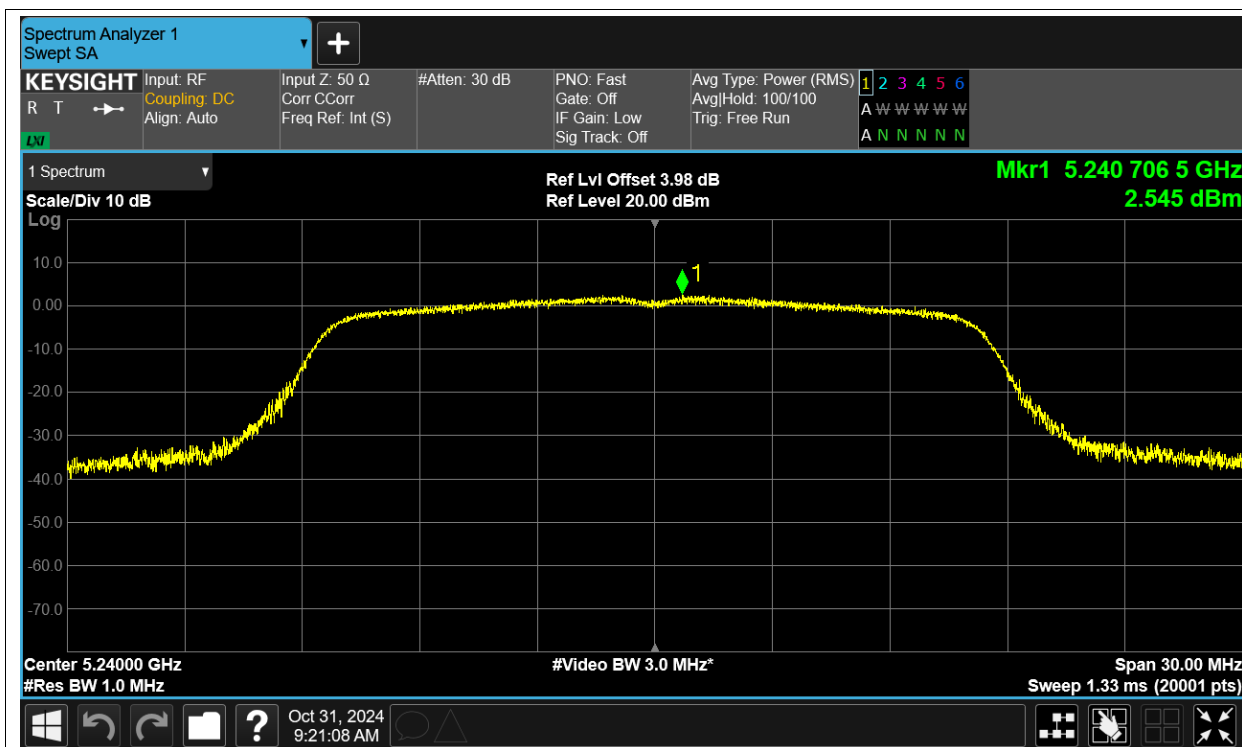
PSD NVNT a 5180MHz Ant1



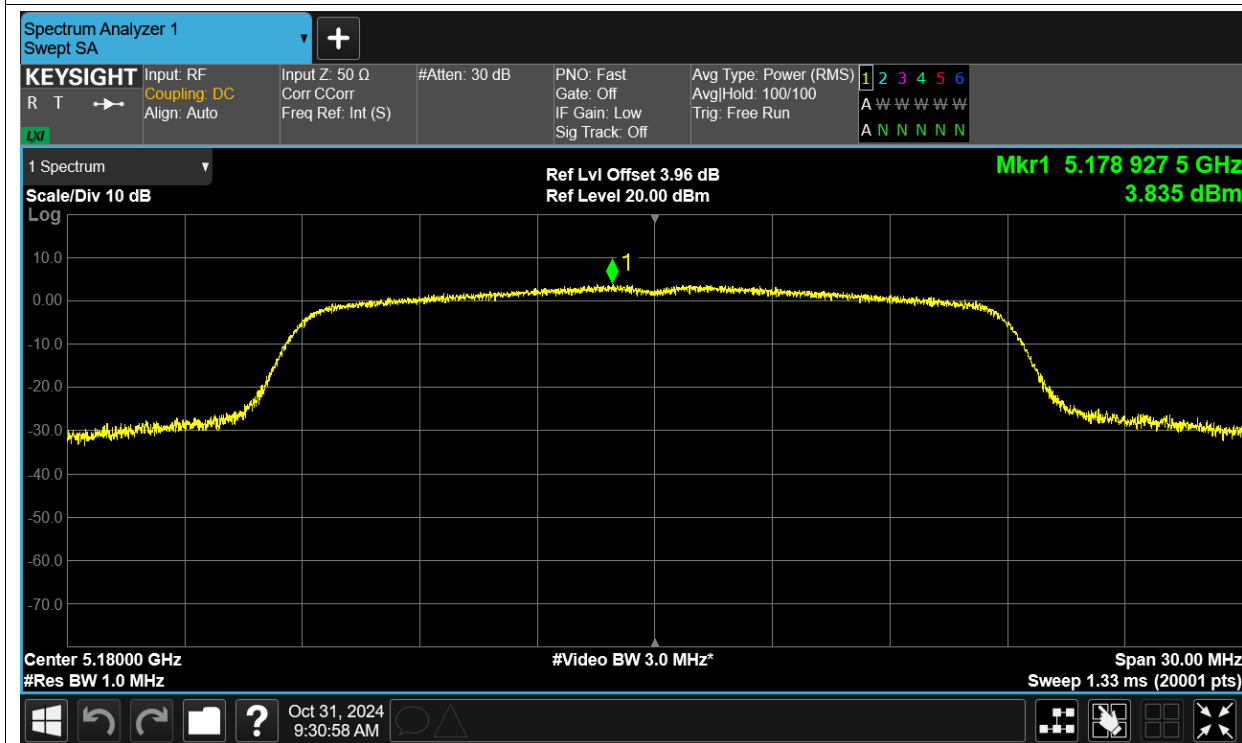
PSD NVNT a 5200MHz Ant1



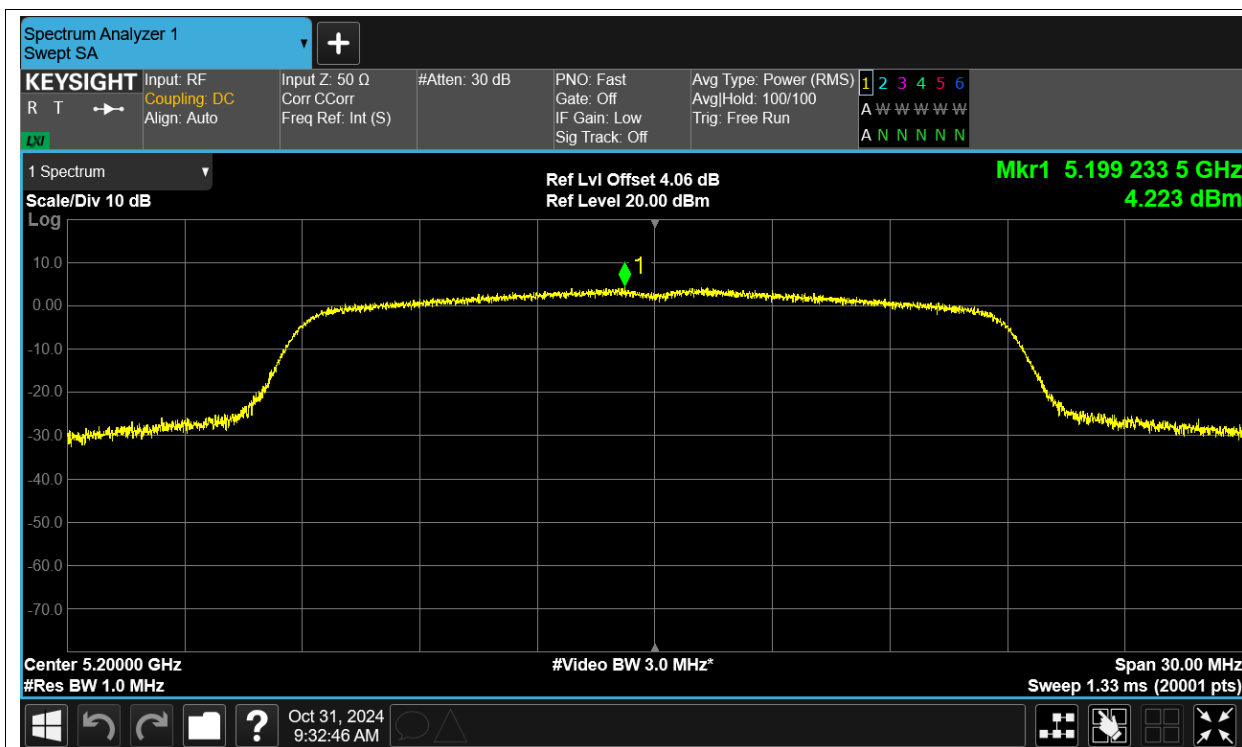
PSD NVNT a 5240MHz Ant1



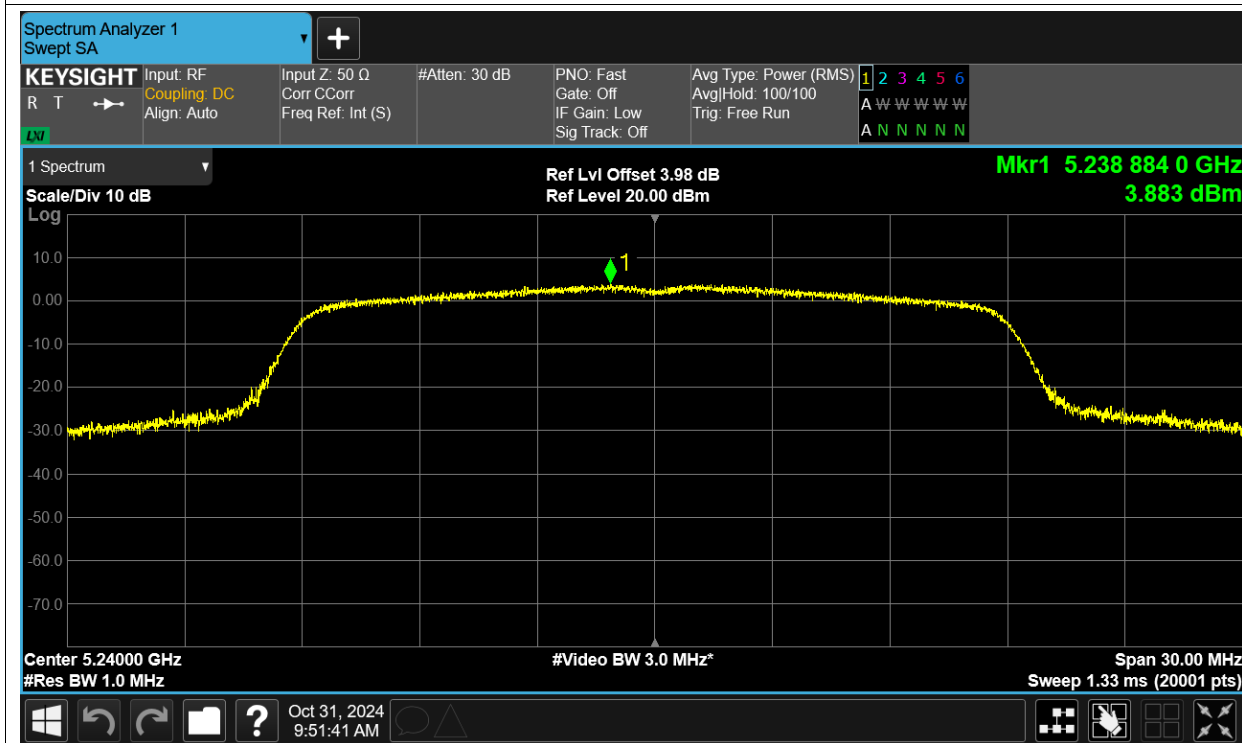
PSD NVNT ac20 5180MHz Ant1



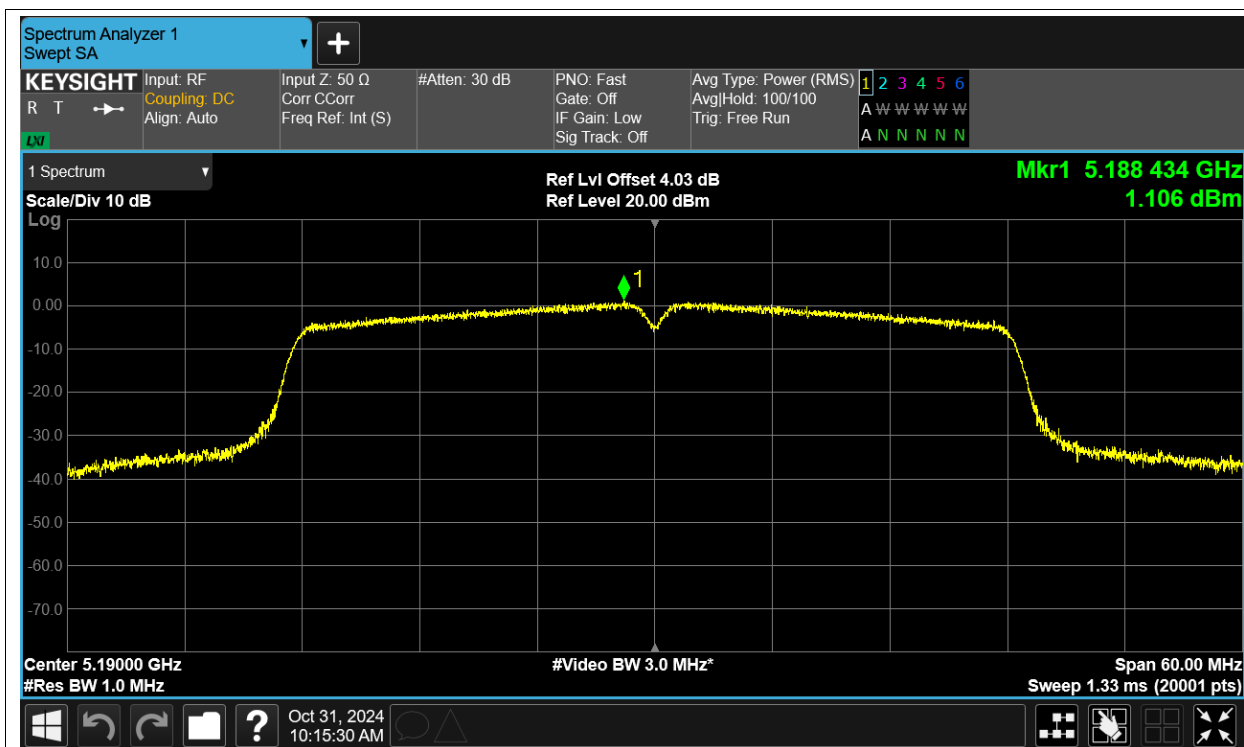
PSD NVNT ac20 5200MHz Ant1



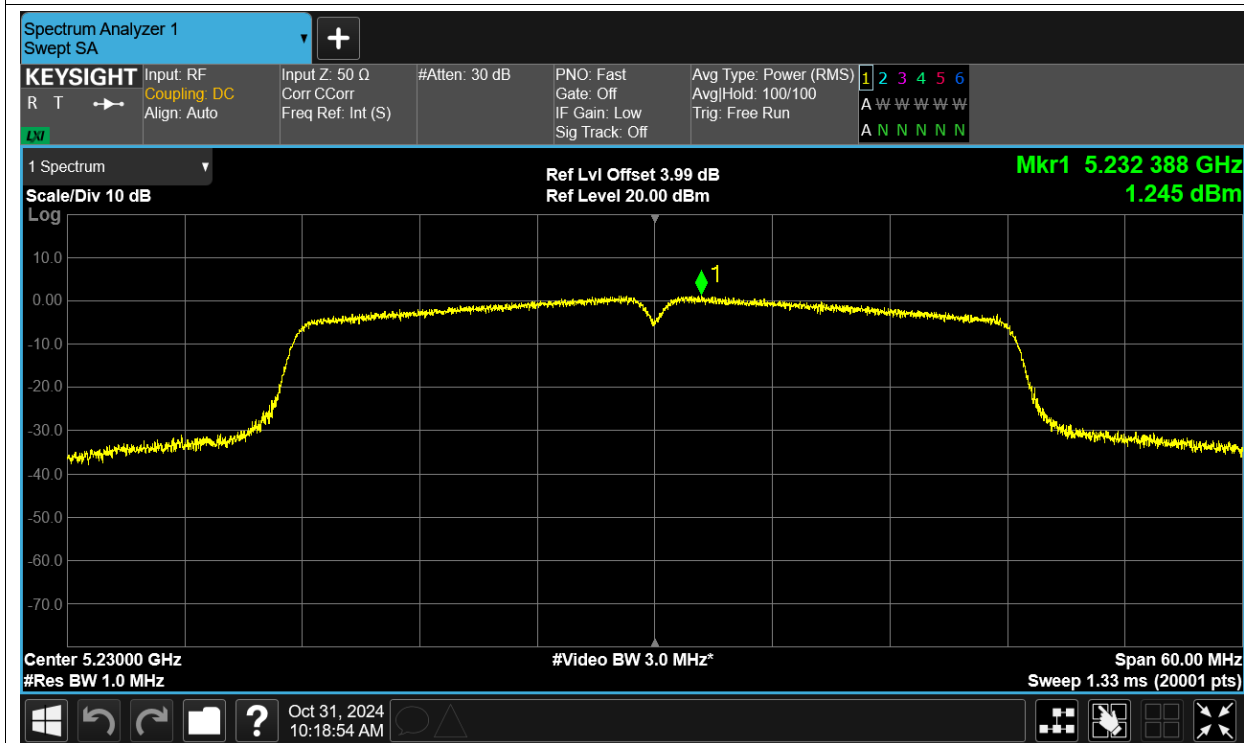
PSD NVNT ac20 5240MHz Ant1



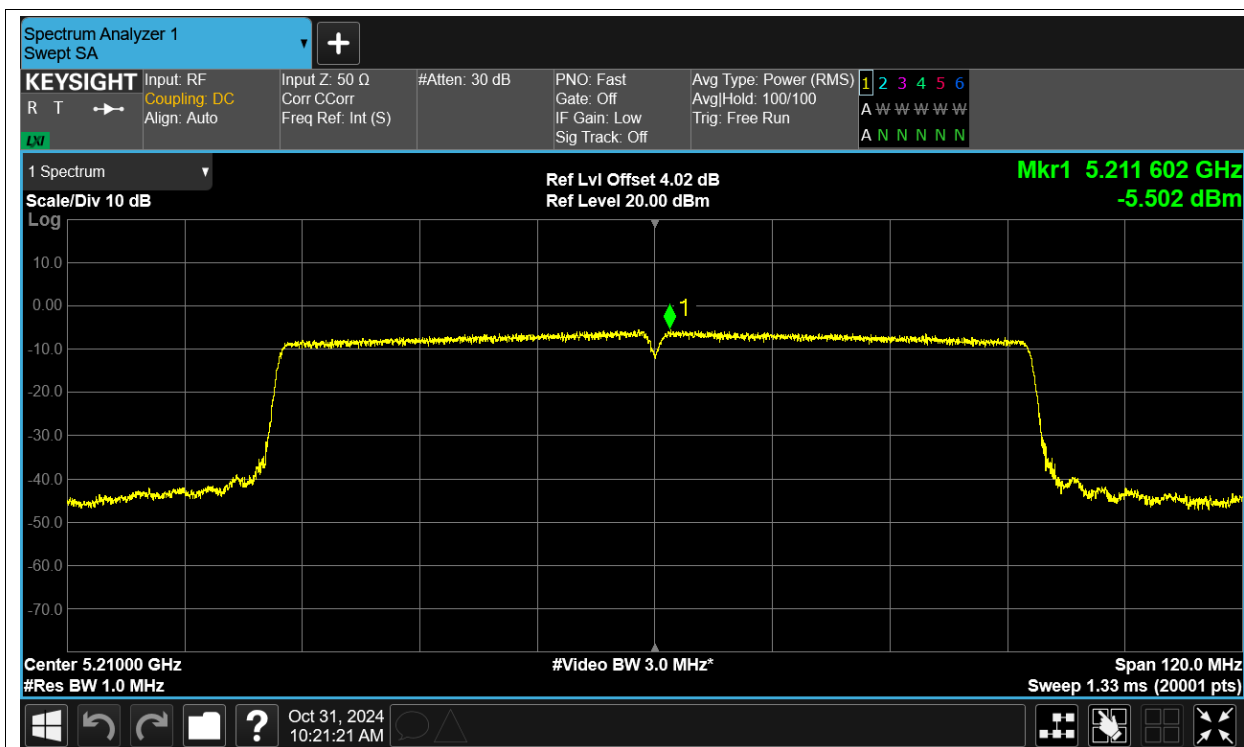
PSD NVNT ac40 5190MHz Ant1



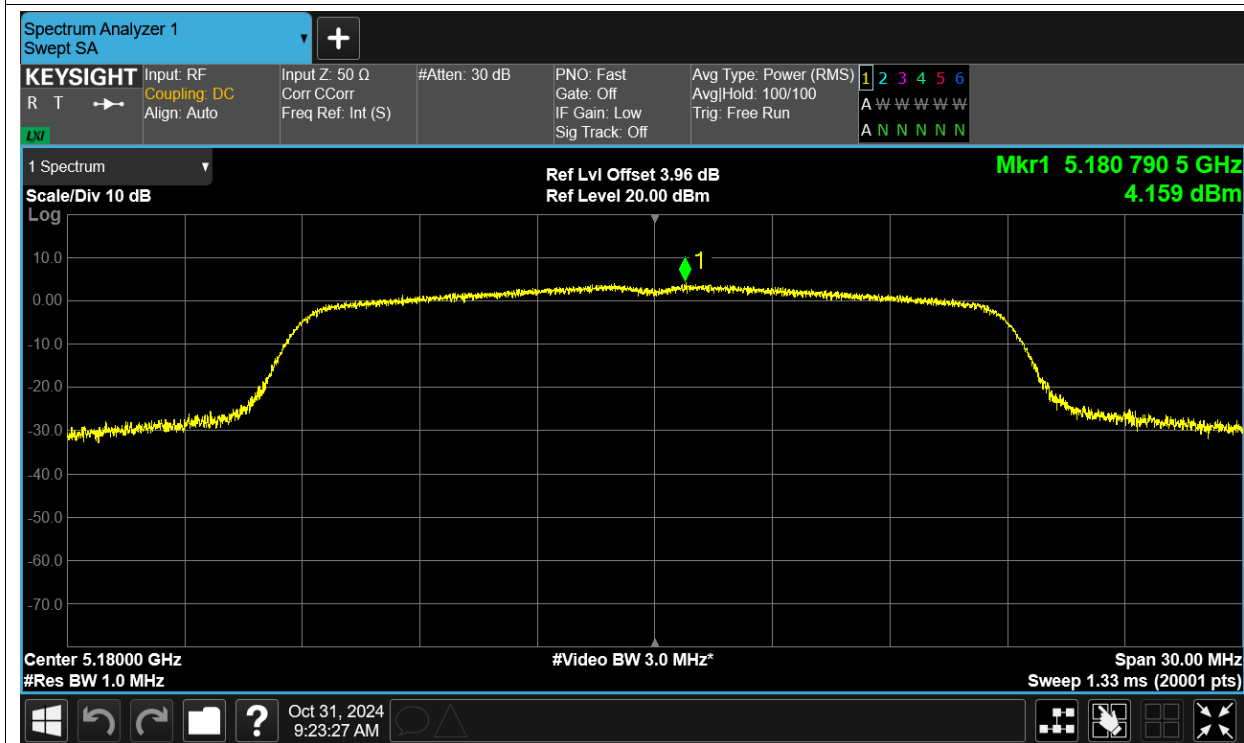
PSD NVNT ac40 5230MHz Ant1



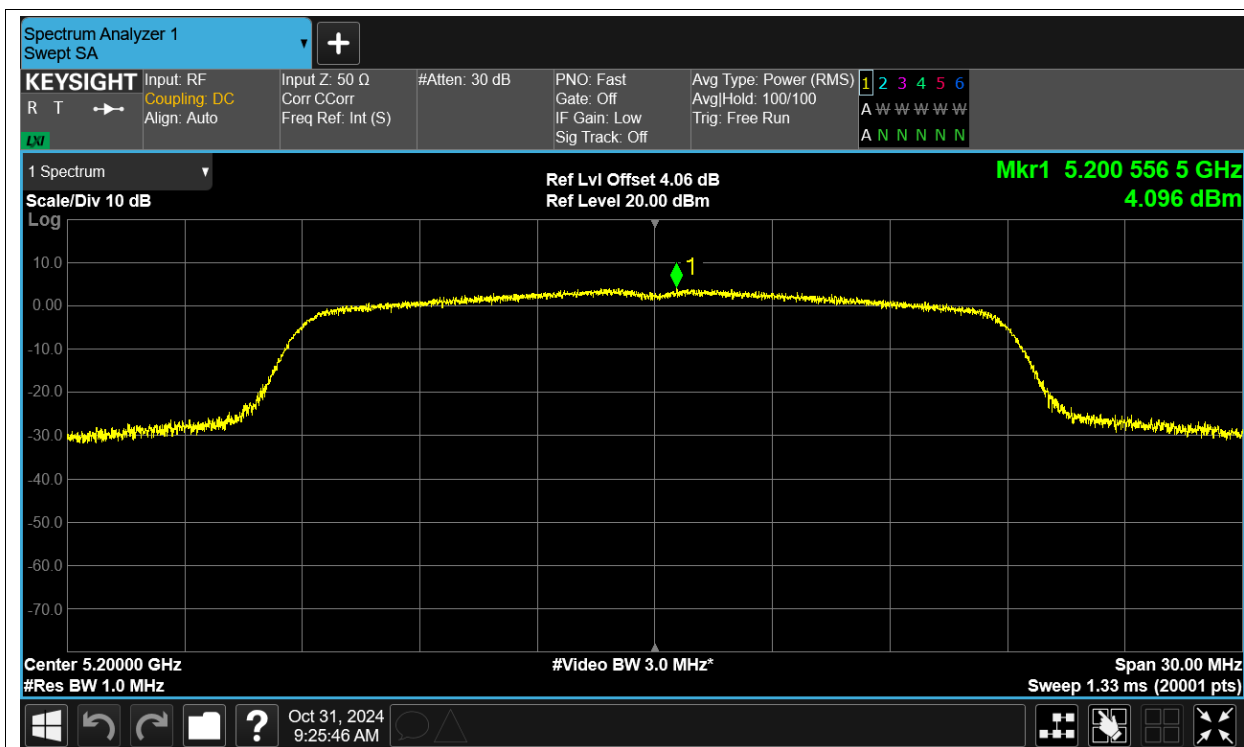
PSD NVNT ac80 5210MHz Ant1



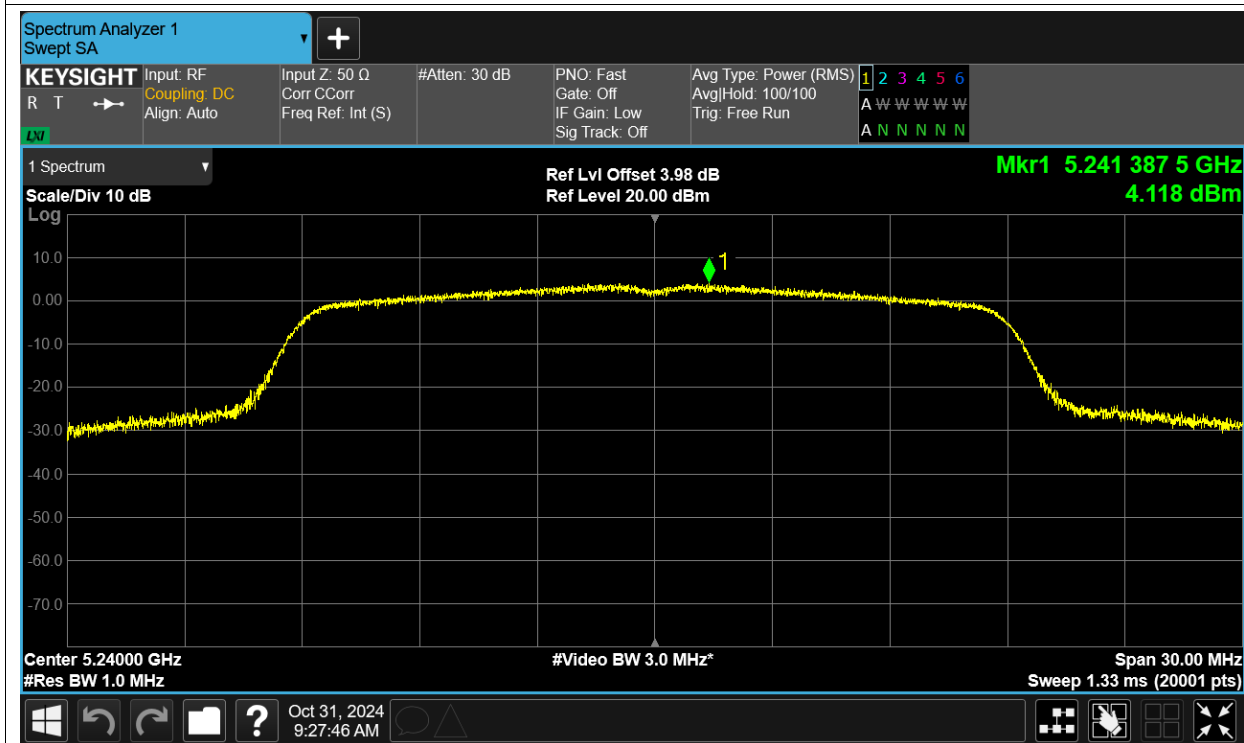
PSD NVNT n20 5180MHz Ant1



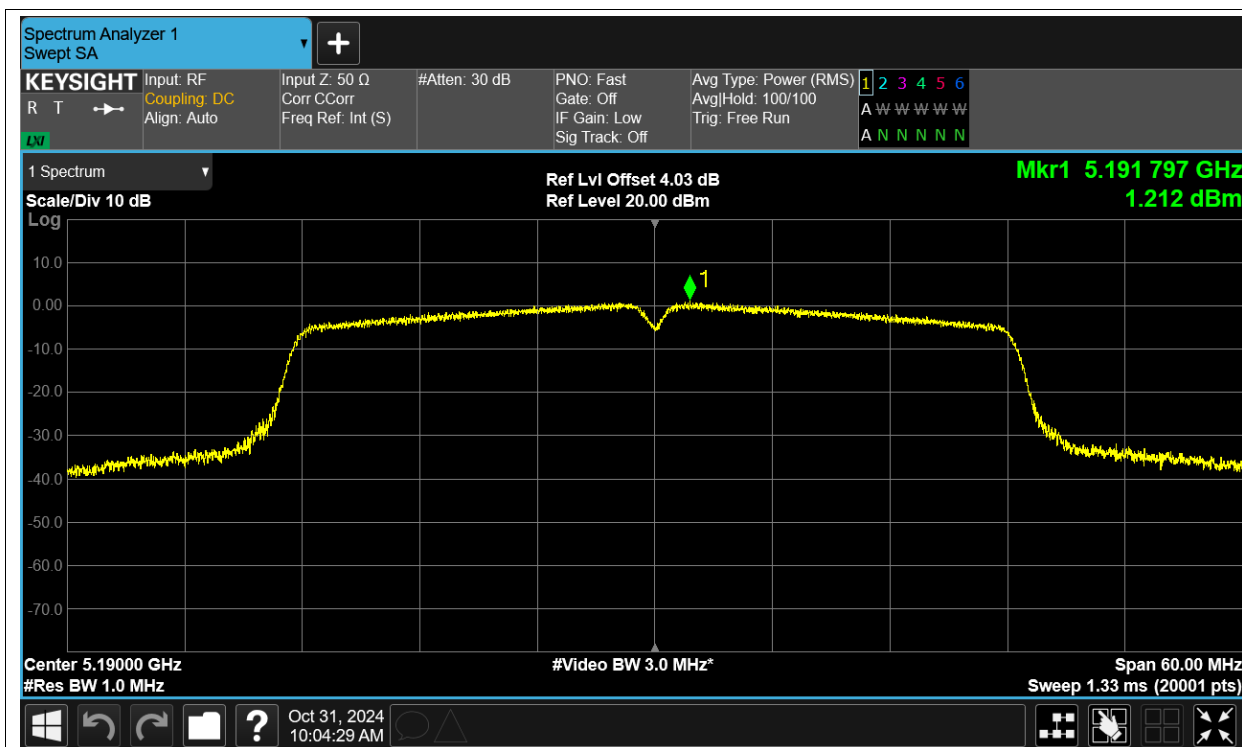
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

