

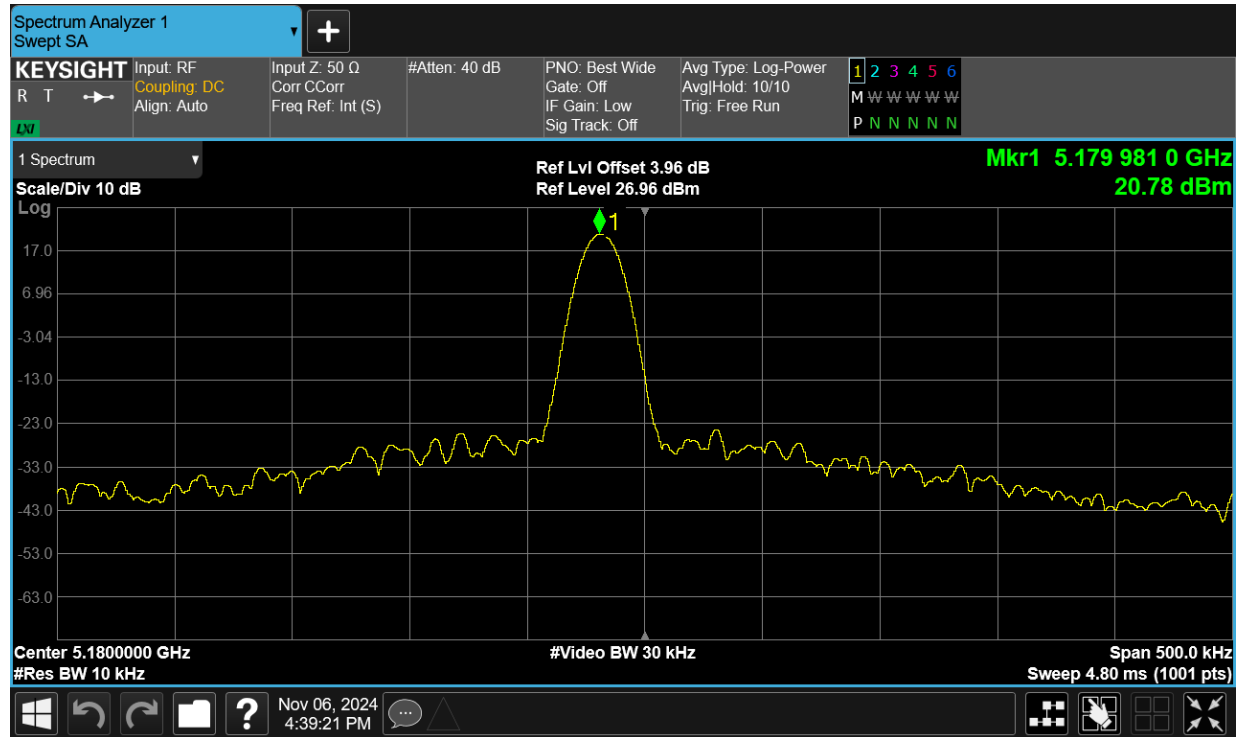
Test Data

Frequency Stability

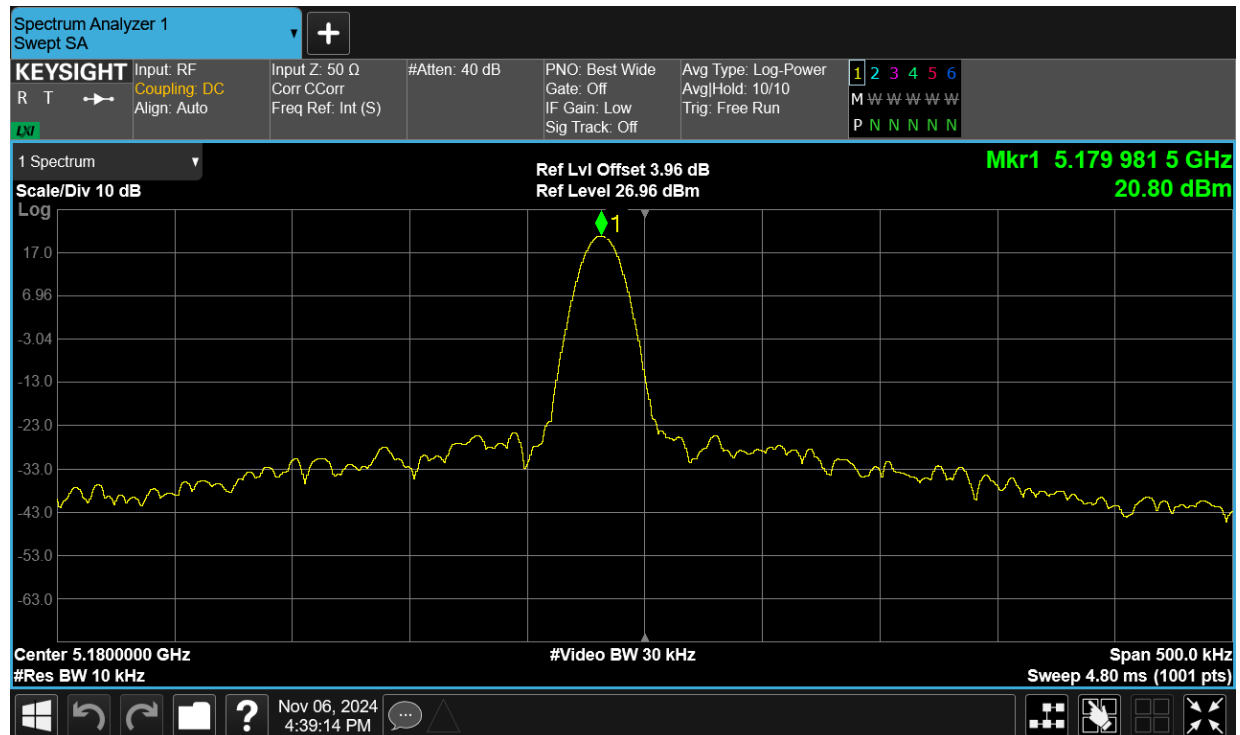
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
LVLT	a	5180	Ant13	5179.981	-3.67	25	Pass
LVNT	a	5180	Ant13	5179.9815	-3.57	25	Pass
NVHT	a	5180	Ant13	5179.9815	-3.57	25	Pass
NVLT	a	5180	Ant13	5179.983	-3.28	25	Pass
NVNT	a	5180	Ant13	5179.985	-2.9	25	Pass
LVLT	ac80	5210	Ant13	5209.979	-4.03	25	Pass
LVNT	ac80	5210	Ant13	5209.979	-4.03	25	Pass
NVHT	ac80	5210	Ant13	5209.9795	-3.93	25	Pass
NVLT	ac80	5210	Ant13	5209.9795	-3.93	25	Pass
NVNT	ac80	5210	Ant13	5209.979810568	-3.88	25	Pass
LVLT	n40	5190	Ant13	5189.979	-4.05	25	Pass
LVNT	n40	5190	Ant13	5189.979	-4.05	25	Pass
NVHT	n40	5190	Ant13	5189.9795	-3.95	25	Pass
NVLT	n40	5190	Ant13	5189.98	-3.85	25	Pass
NVNT	n40	5190	Ant13	5189.981	-3.66	25	Pass

Test Graphs

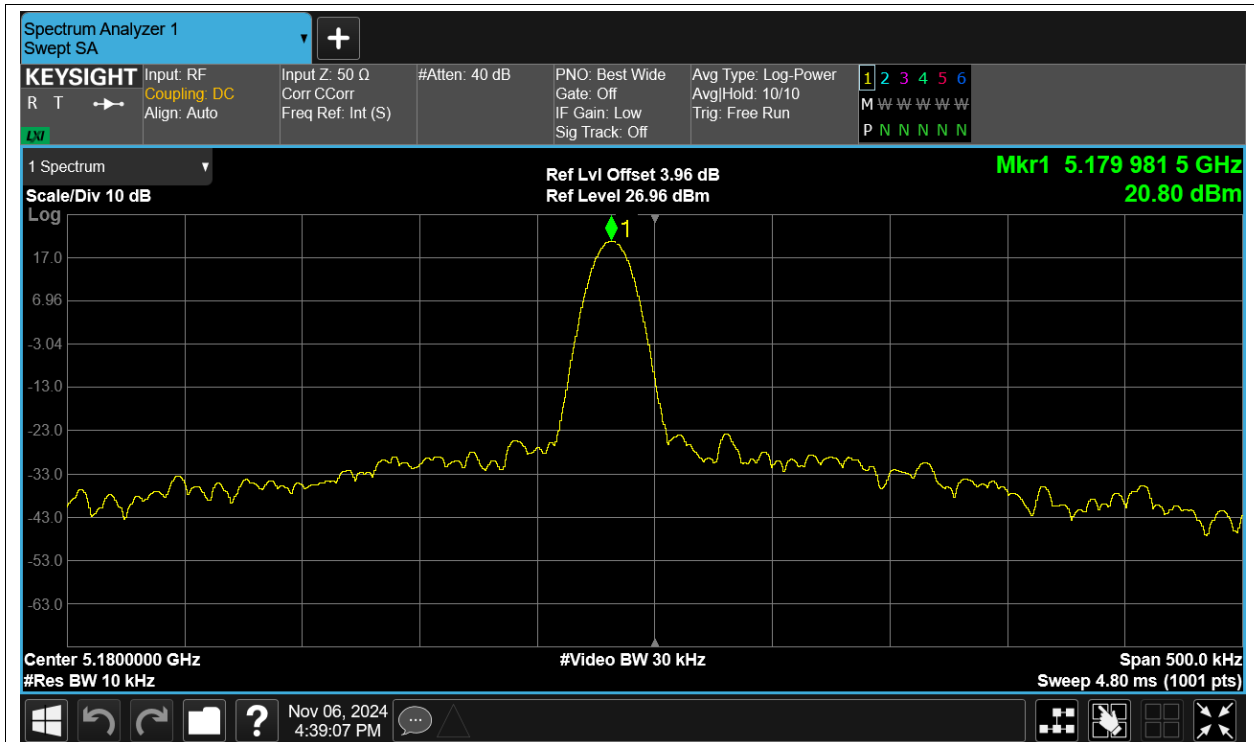
Freq. Stability LVLT a 5180MHz Ant13



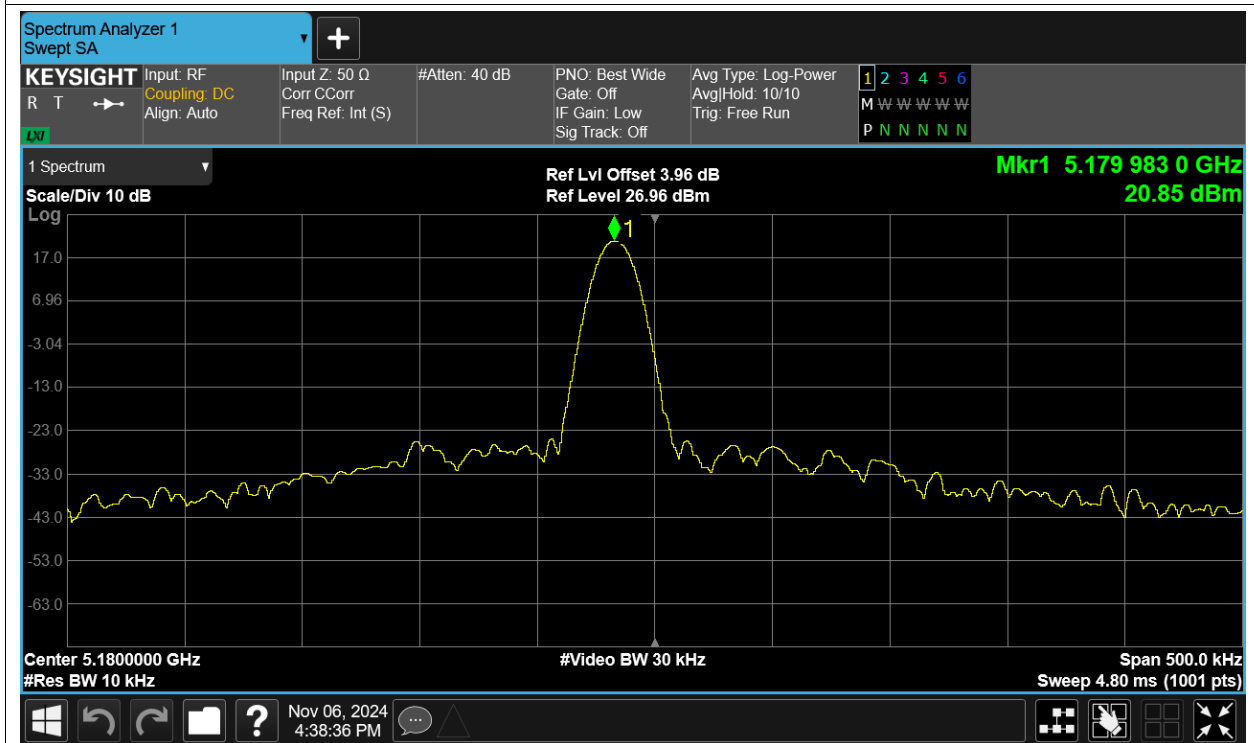
Freq. Stability LVNT a 5180MHz Ant13



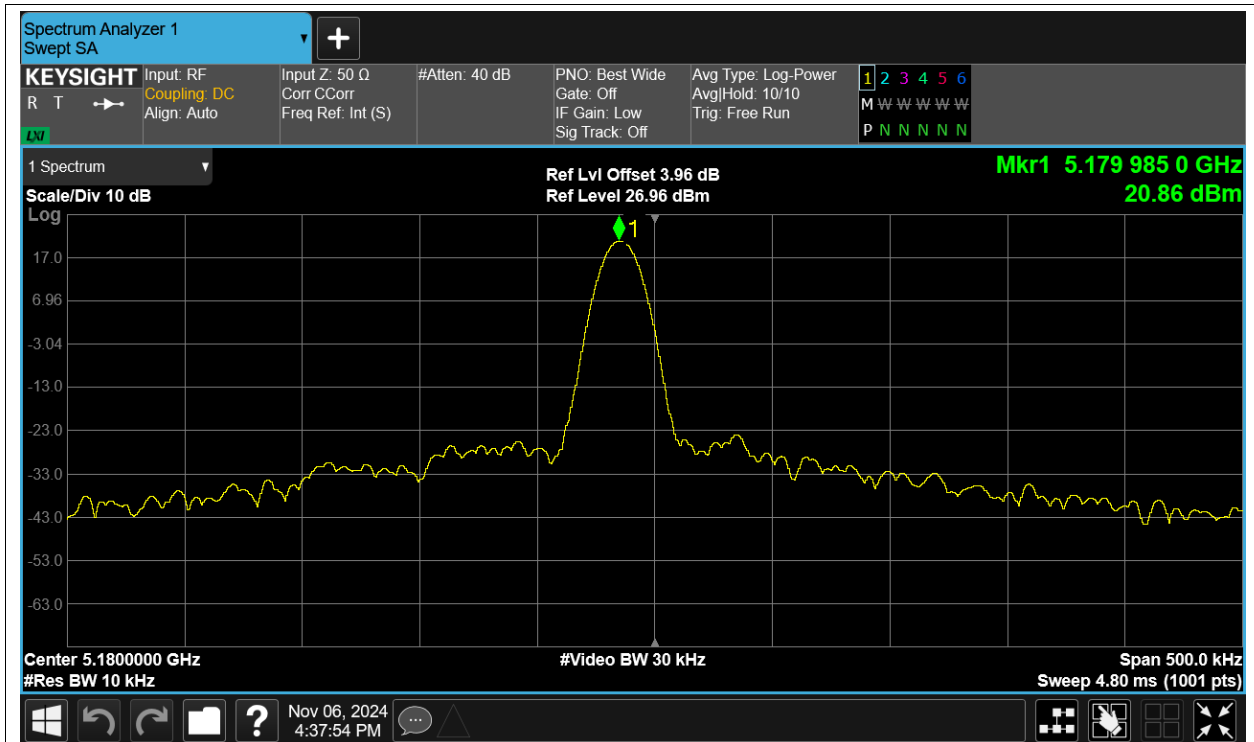
Freq. Stability NVHT a 5180MHz Ant13



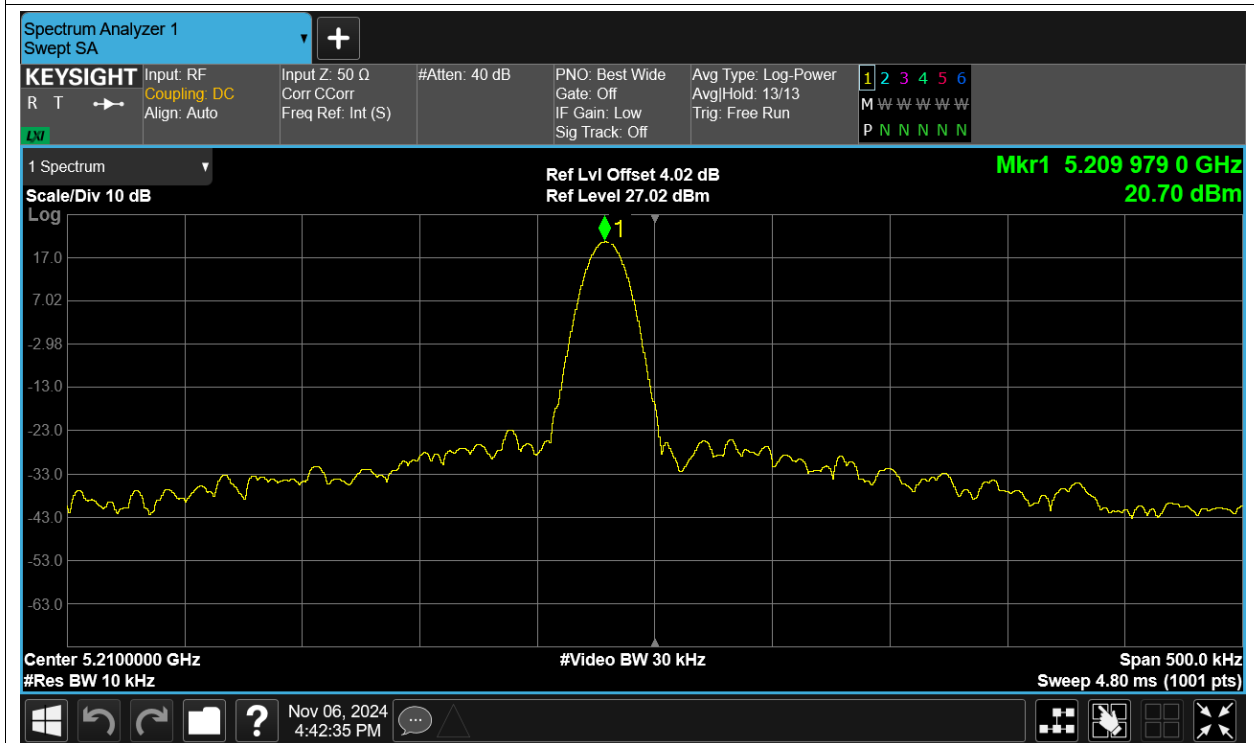
Freq. Stability NVLT a 5180MHz Ant13



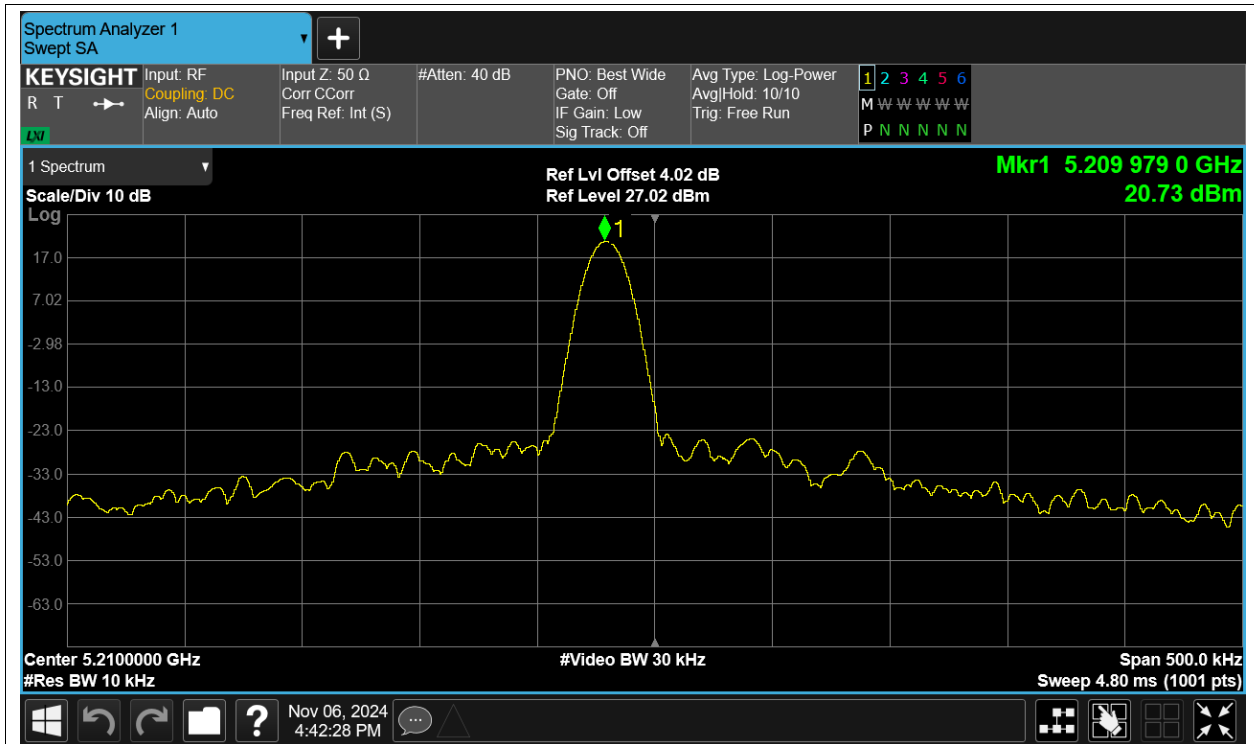
Freq. Stability NVNT a 5180MHz Ant13



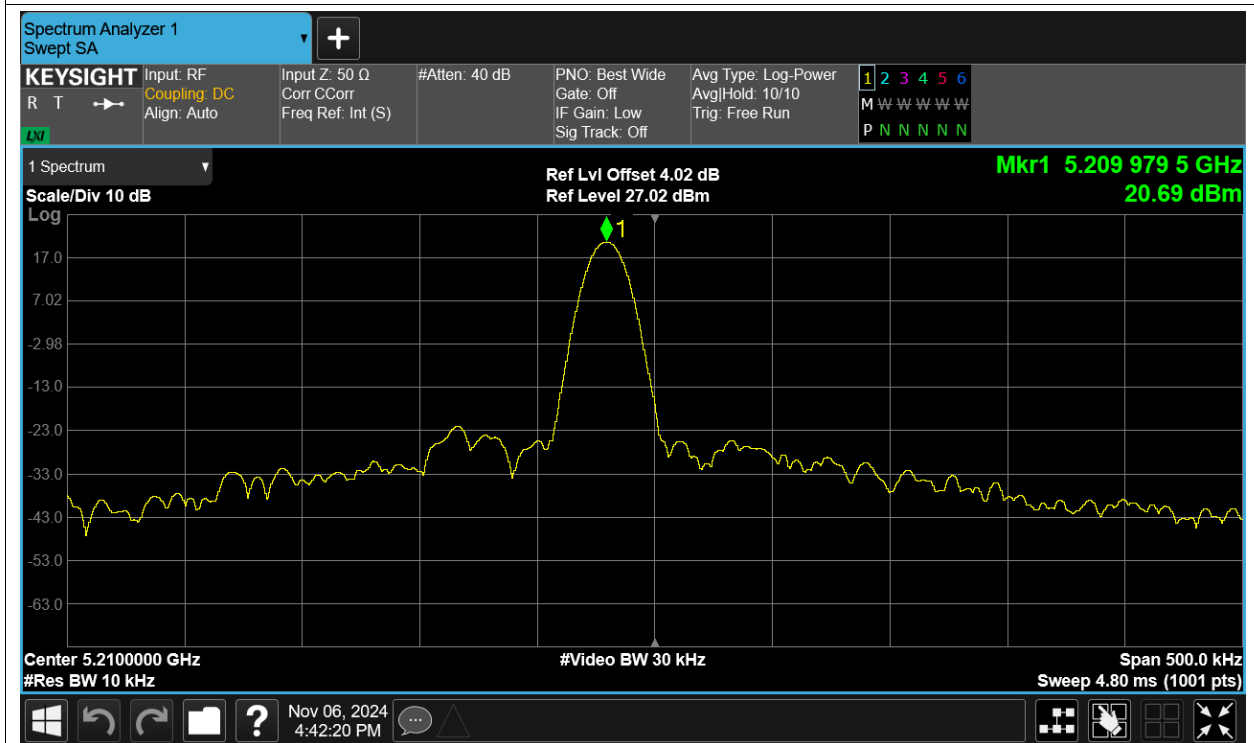
Freq. Stability LVLT ac80 5210MHz Ant13



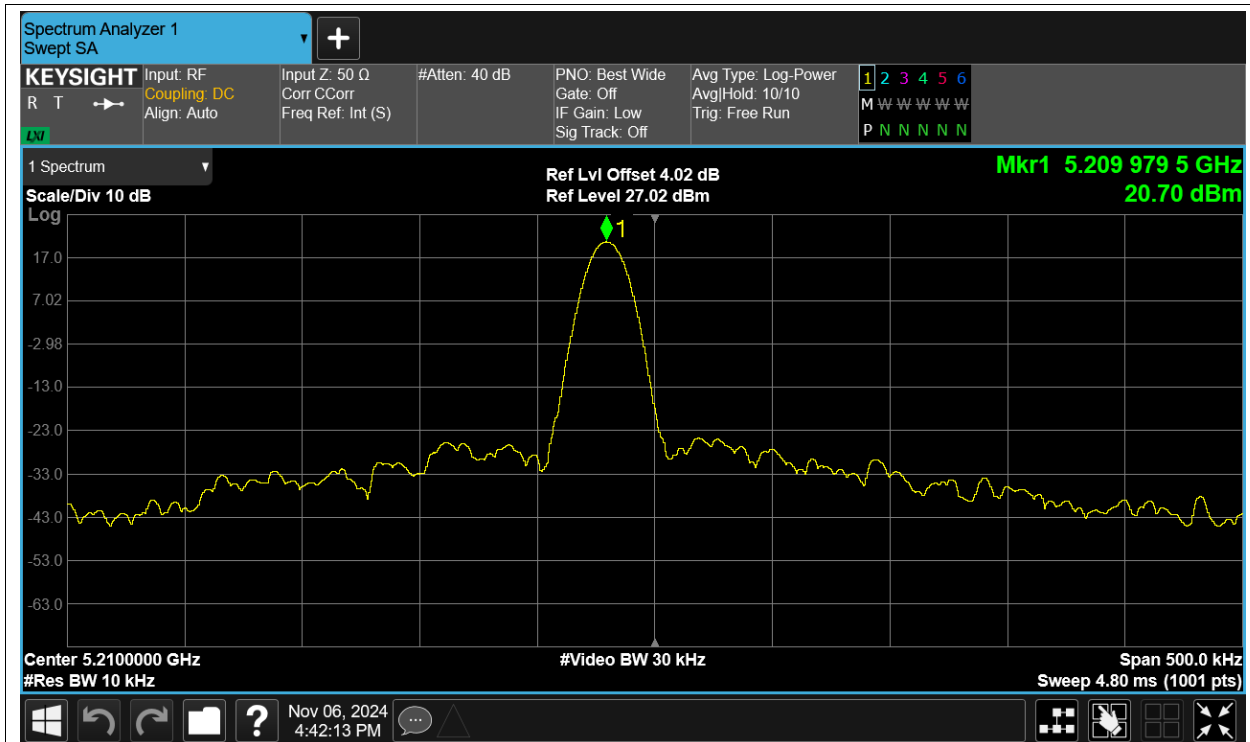
Freq. Stability LVNT ac80 5210MHz Ant13



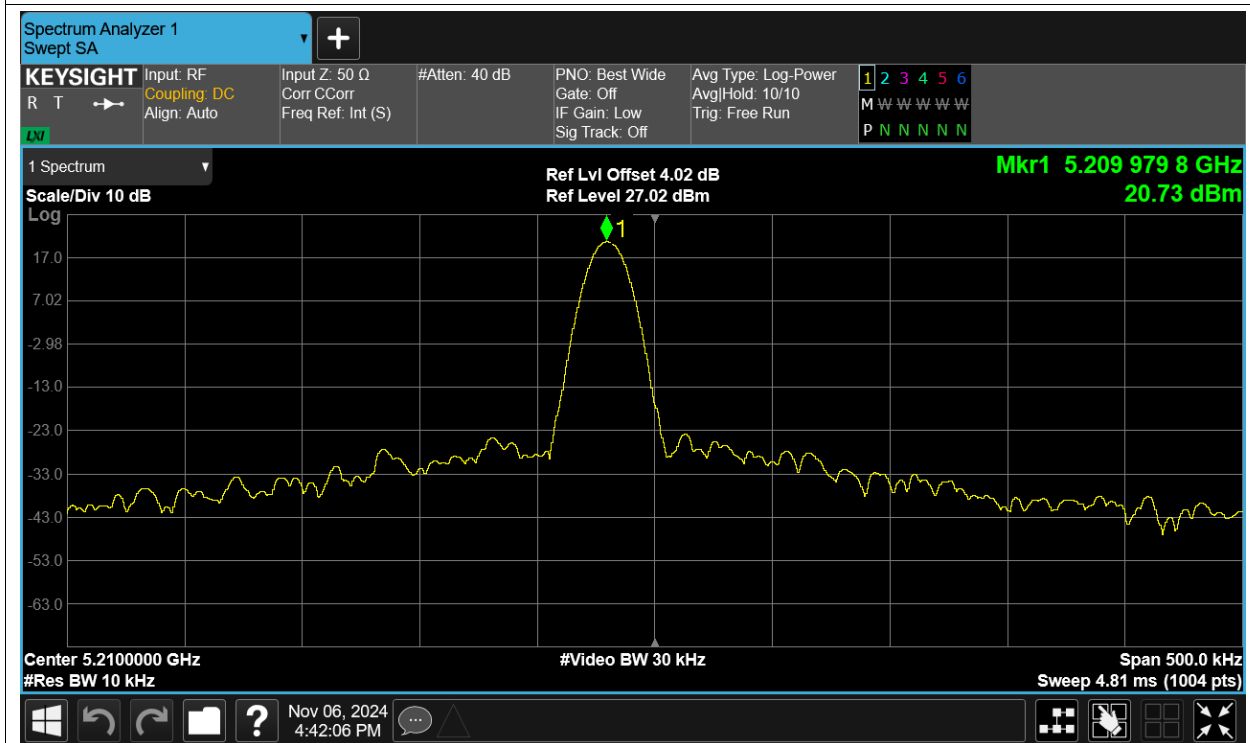
Freq. Stability NVHT ac80 5210MHz Ant13



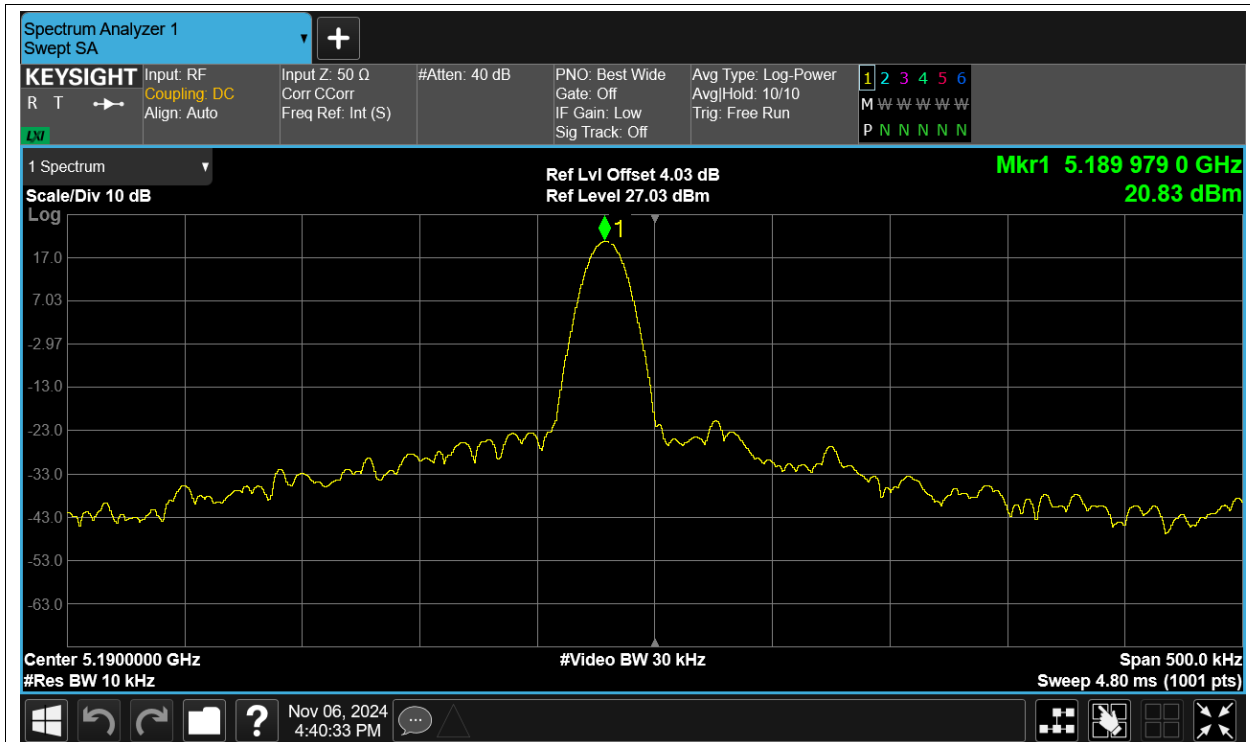
Freq. Stability NVLT ac80 5210MHz Ant13



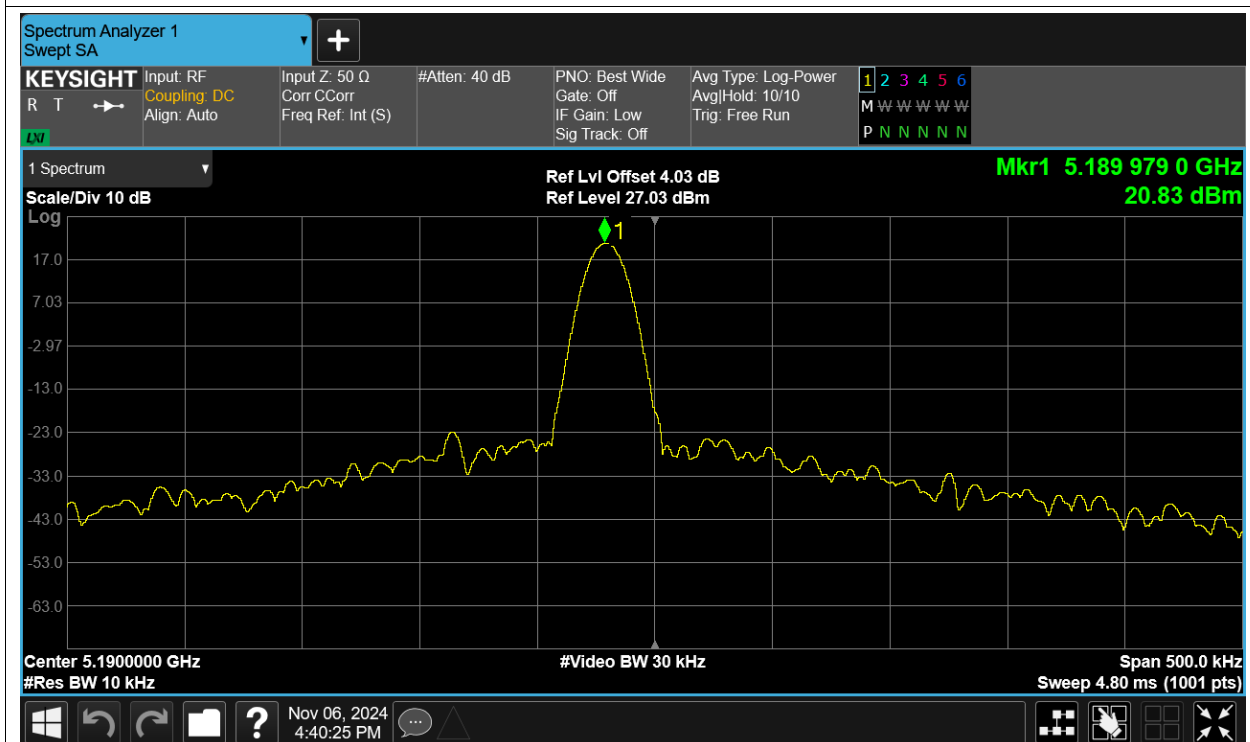
Freq. Stability NVNT ac80 5210MHz Ant13



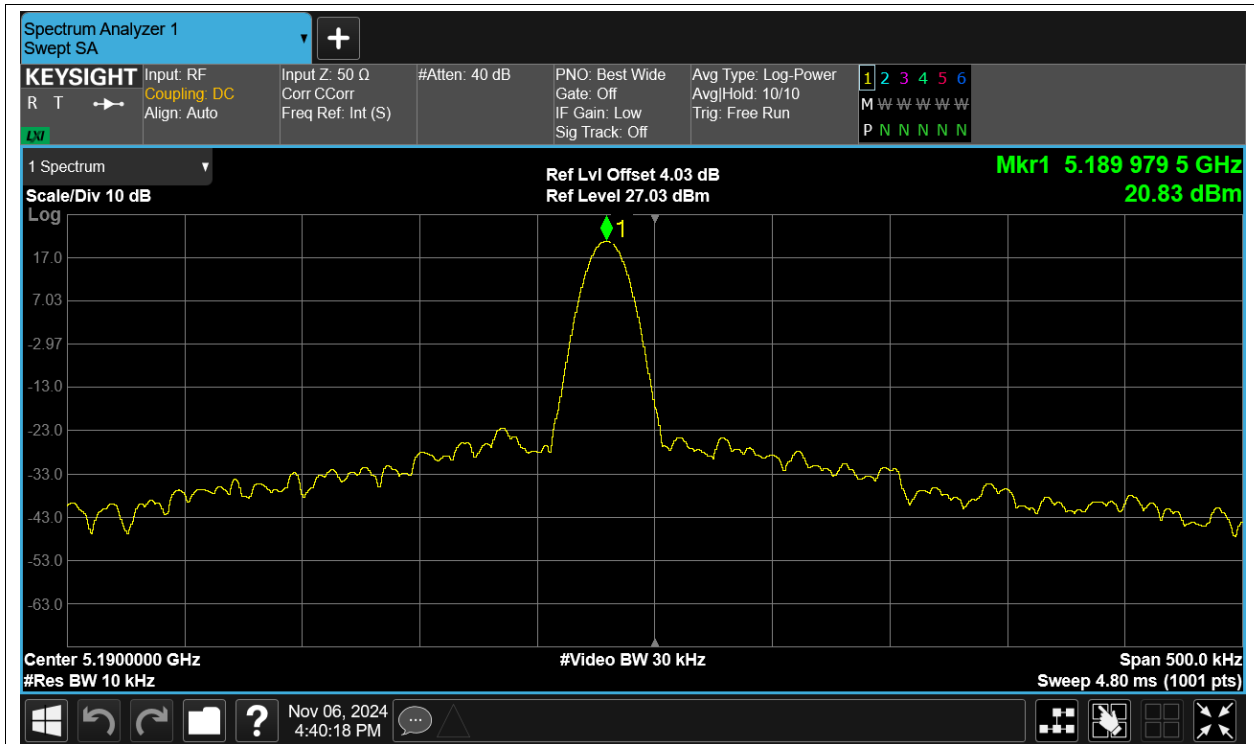
Freq. Stability LVLTL n40 5190MHz Ant13



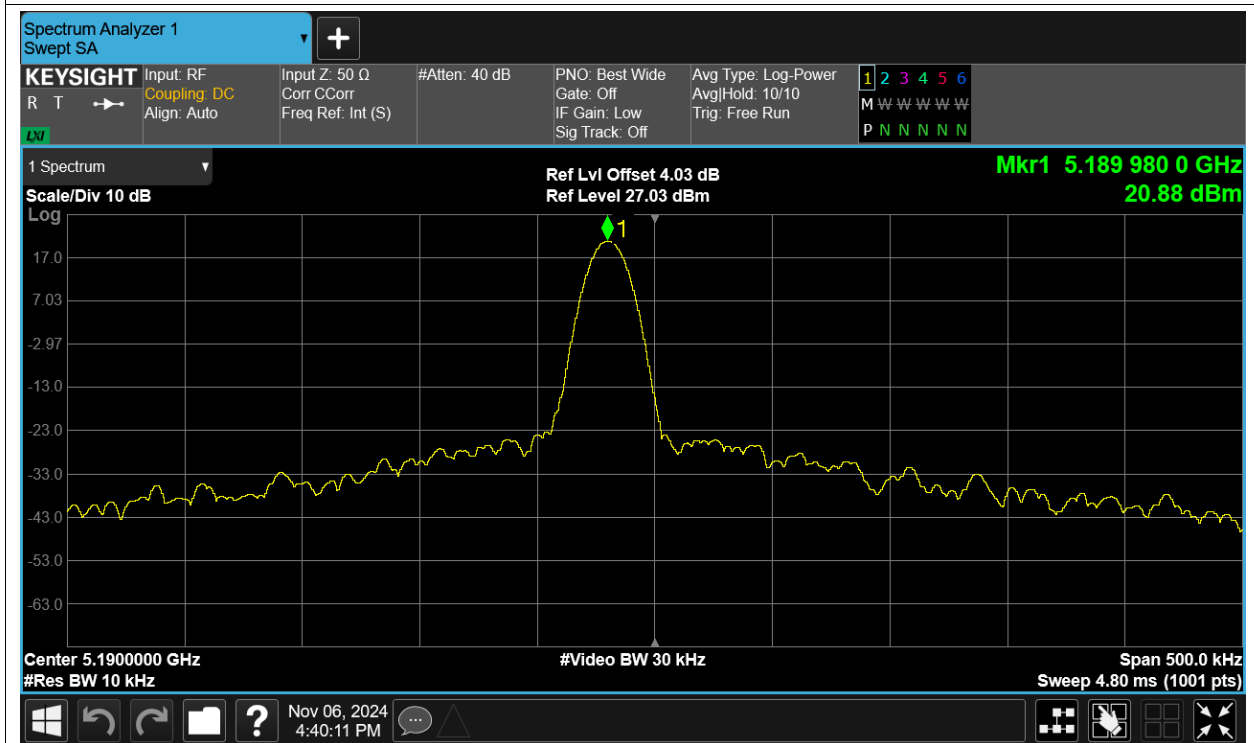
Freq. Stability LVNT n40 5190MHz Ant13



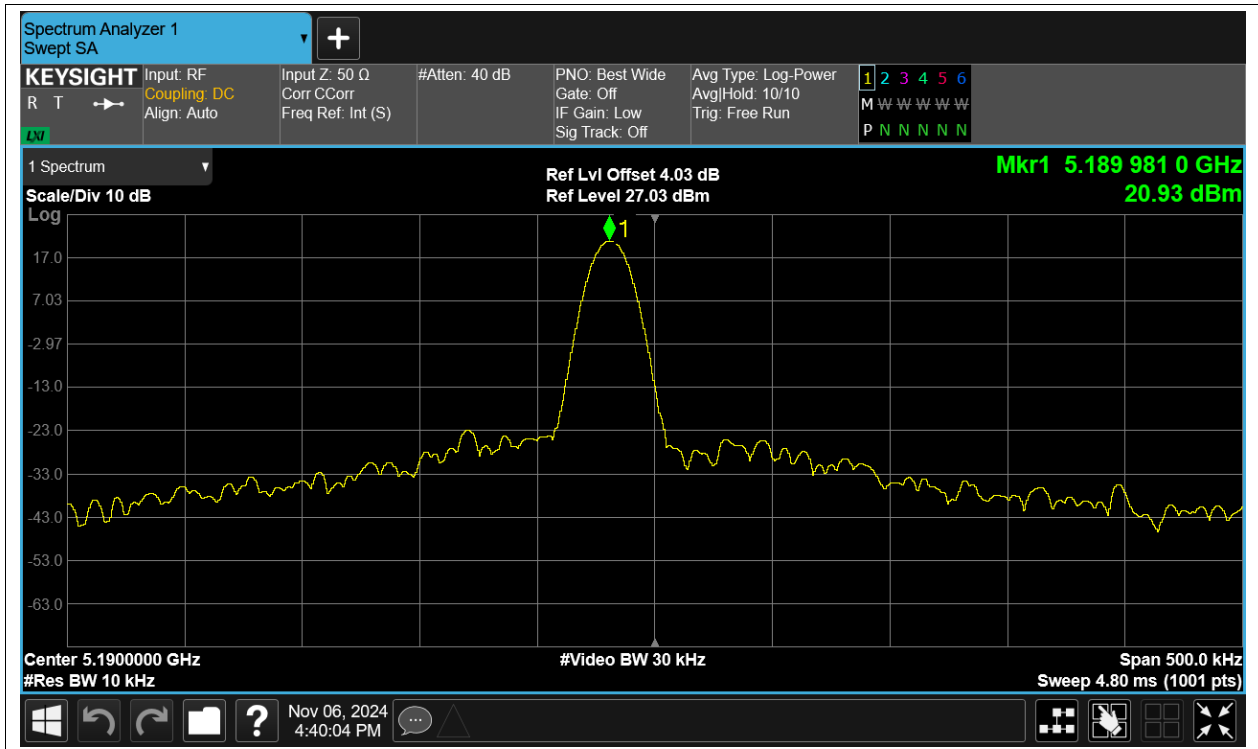
Freq. Stability NVHT n40 5190MHz Ant13



Freq. Stability NVLT n40 5190MHz Ant13



Freq. Stability NVNT n40 5190MHz Ant13

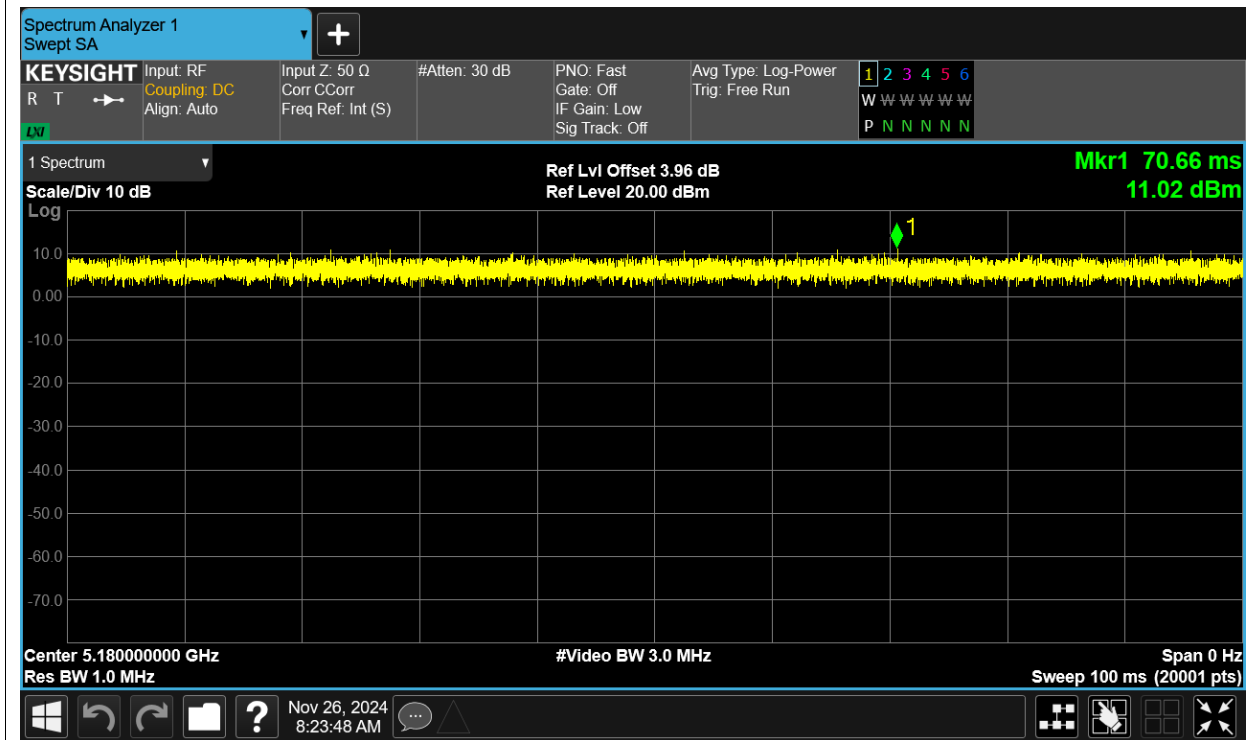


Duty Cycle

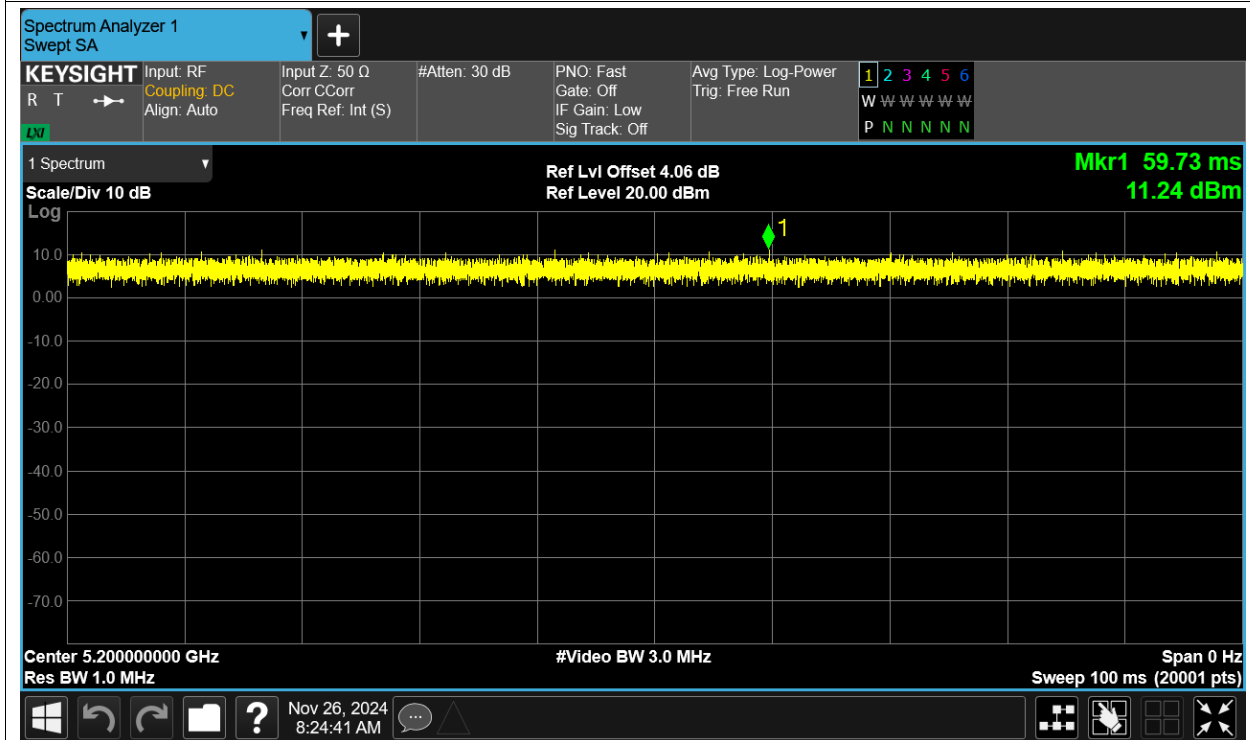
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant13	100	0
NVNT	a	5200	Ant13	100	0
NVNT	a	5240	Ant13	100	0
NVNT	ac20	5180	Ant13	100	0
NVNT	ac20	5200	Ant13	100	0
NVNT	ac20	5240	Ant13	100	0
NVNT	ac40	5190	Ant13	100	0
NVNT	ac40	5230	Ant13	100	0
NVNT	ac80	5210	Ant13	100	0
NVNT	n20	5180	Ant13	100	0
NVNT	n20	5200	Ant13	100	0
NVNT	n20	5240	Ant13	100	0
NVNT	n40	5190	Ant13	100	0
NVNT	n40	5230	Ant13	100	0

Test Graphs

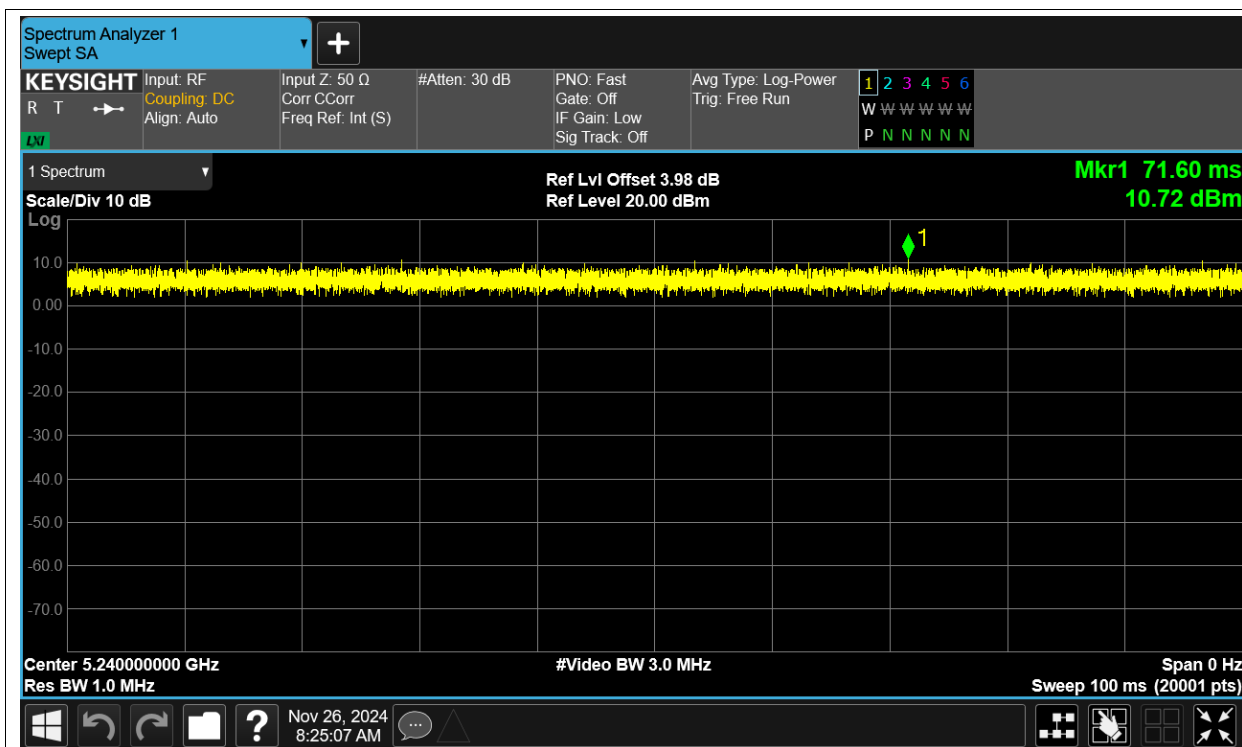
Duty Cycle NVNT a 5180MHz Ant13



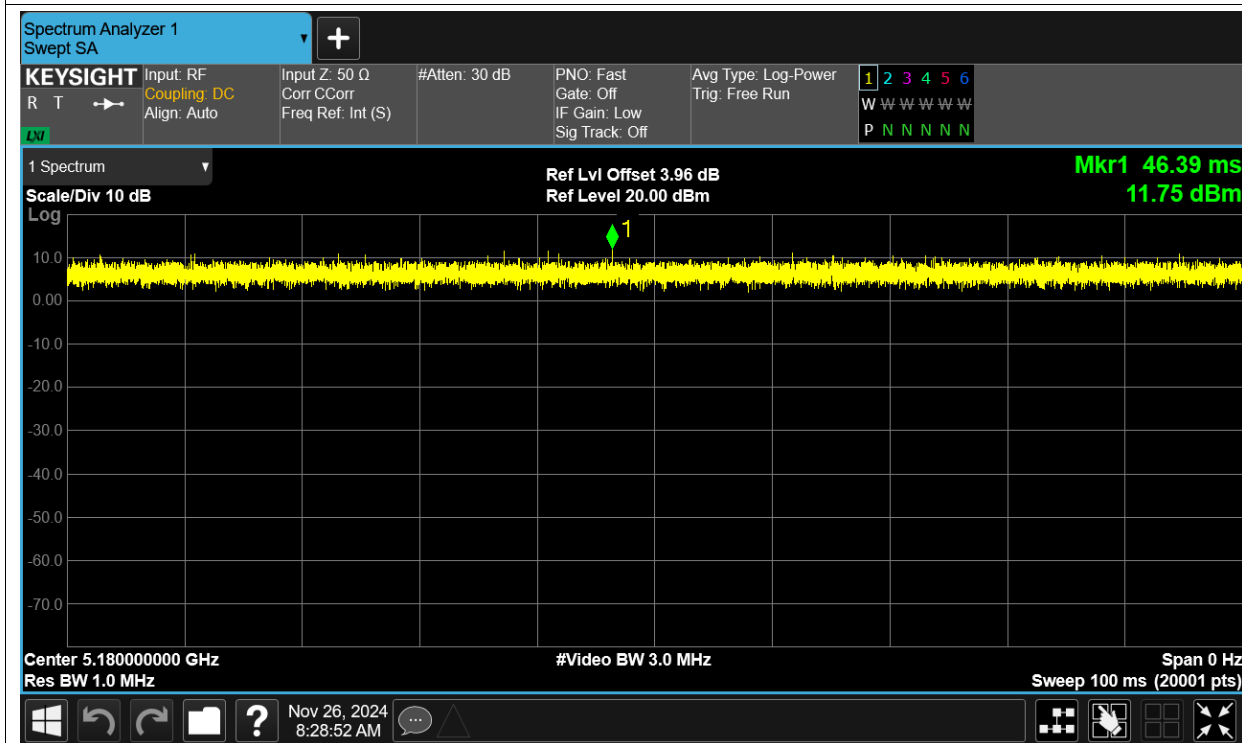
Duty Cycle NVNT a 5200MHz Ant13



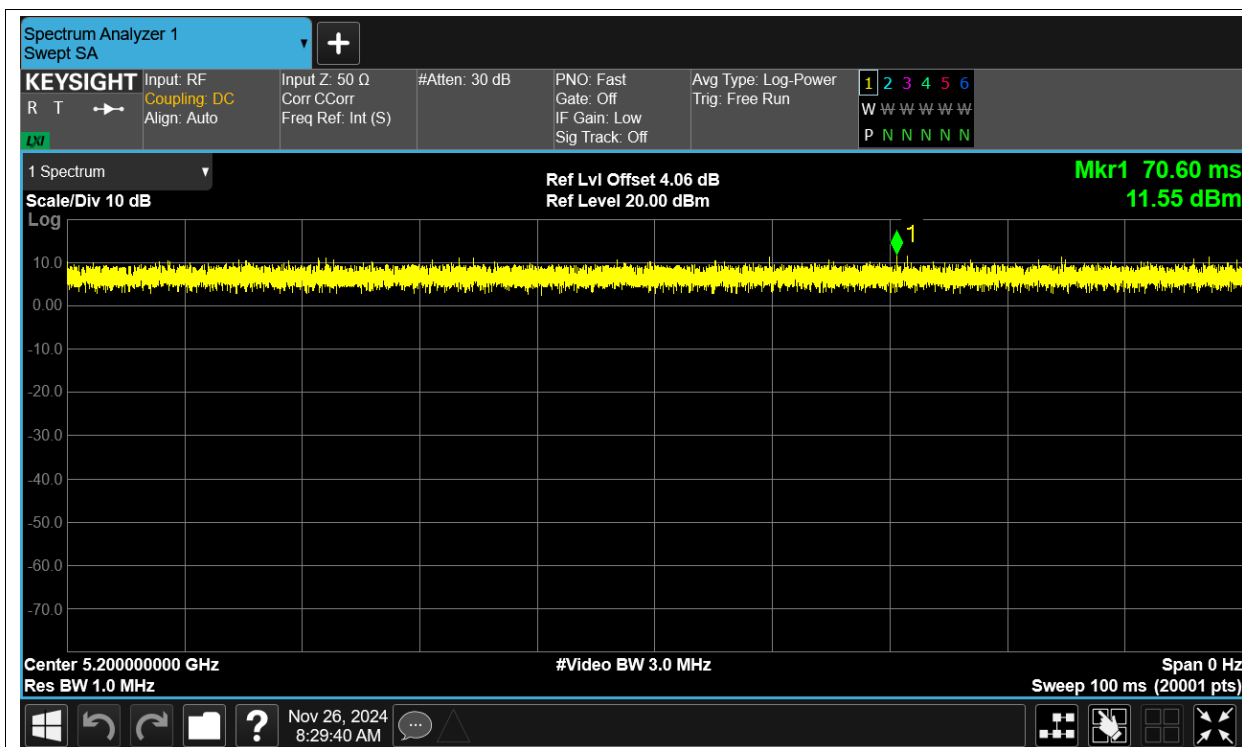
Duty Cycle NVNT a 5240MHz Ant13



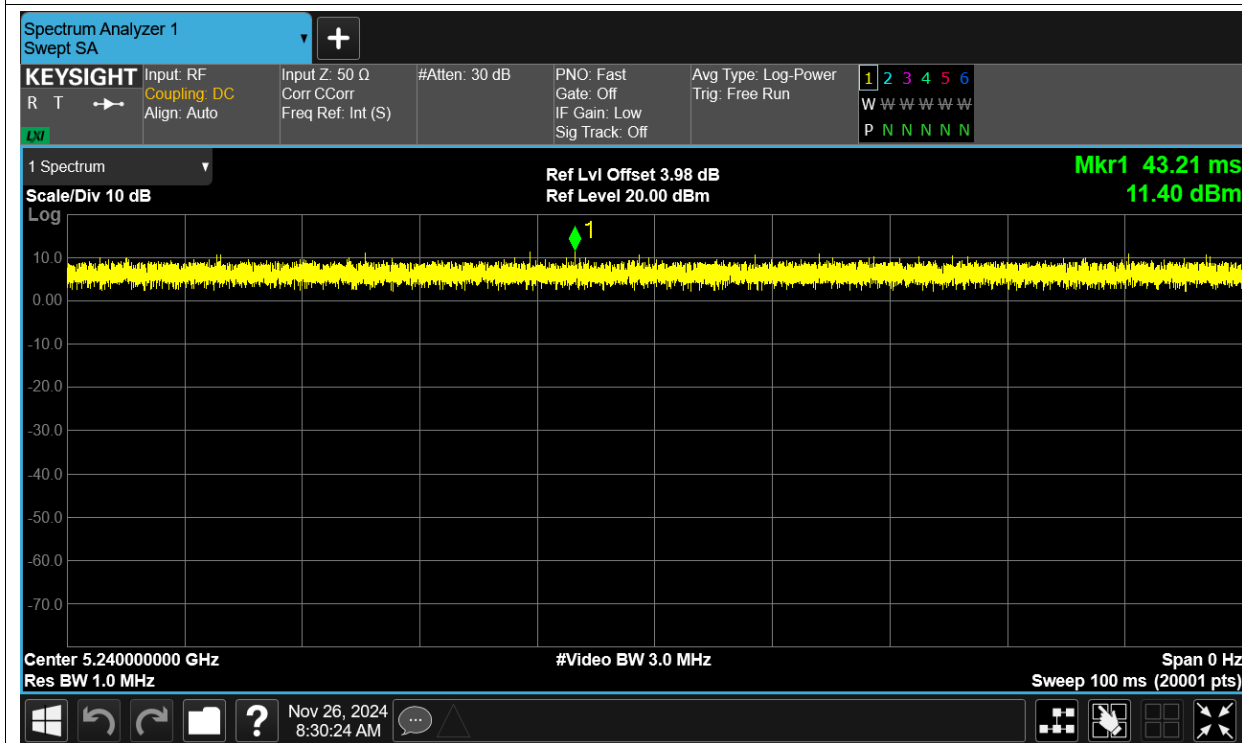
Duty Cycle NVNT ac20 5180MHz Ant13



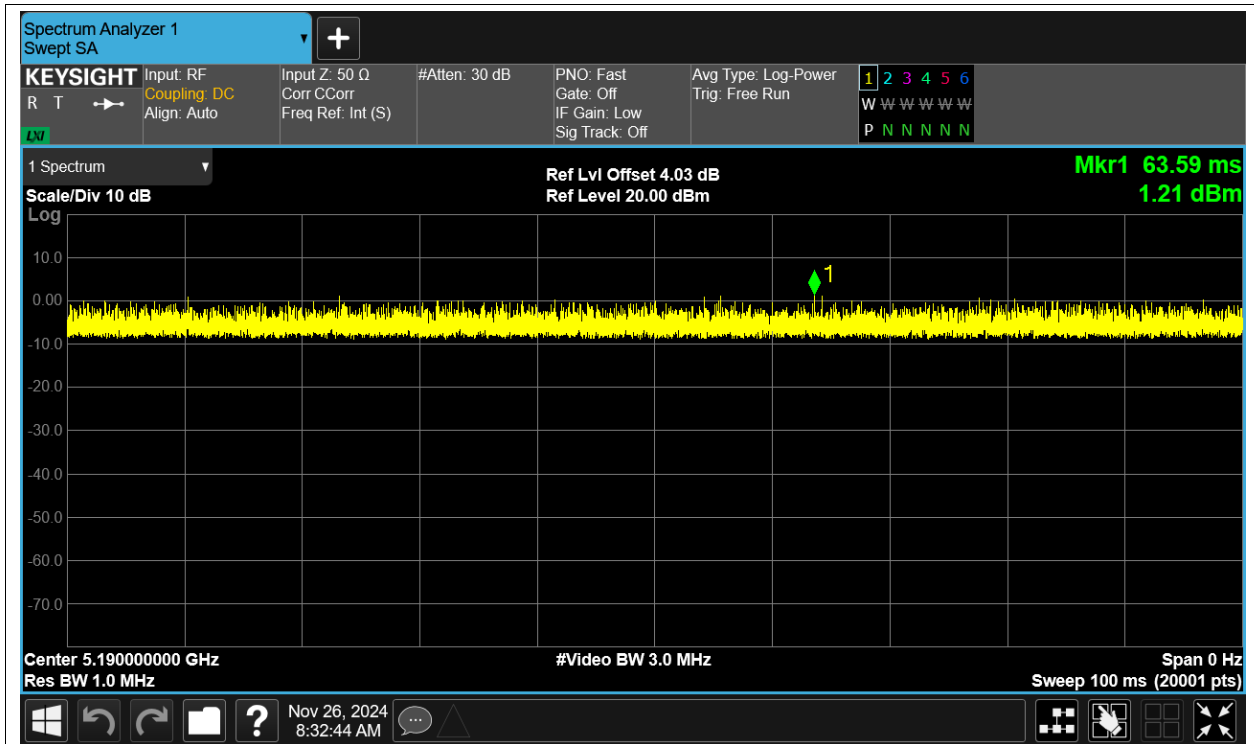
Duty Cycle NVNT ac20 5200MHz Ant13



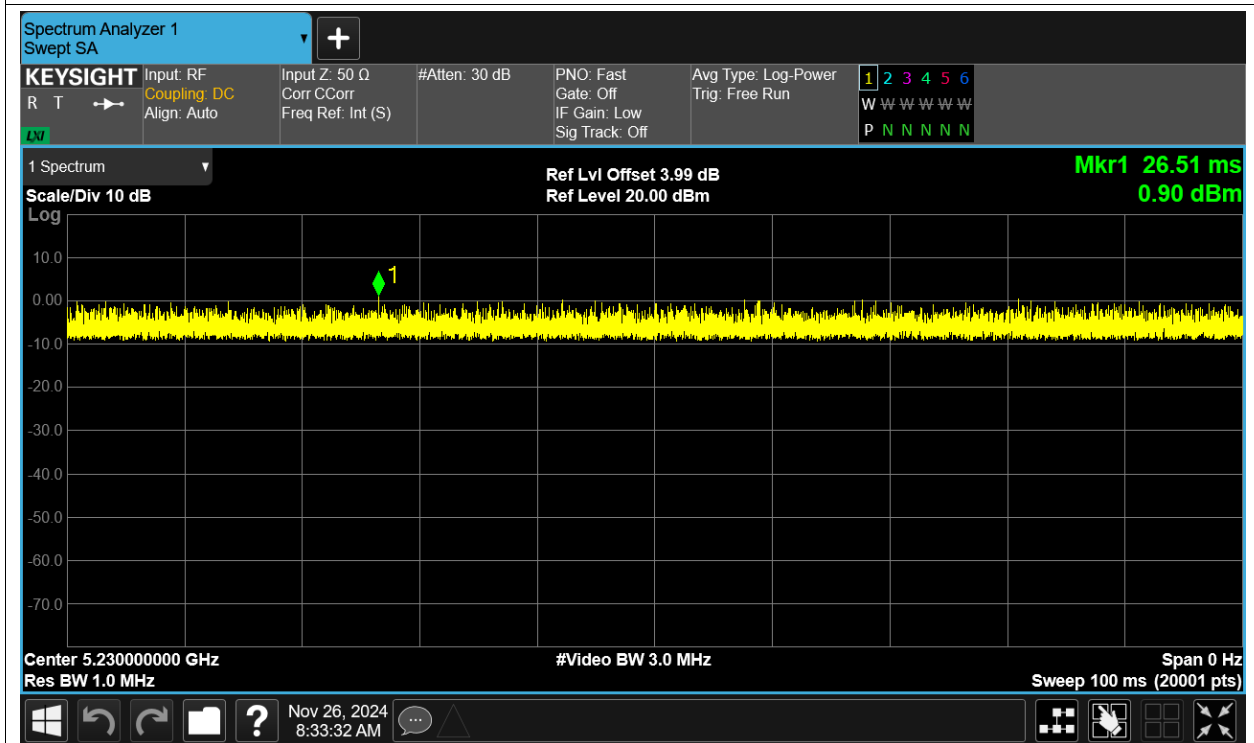
Duty Cycle NVNT ac20 5240MHz Ant13



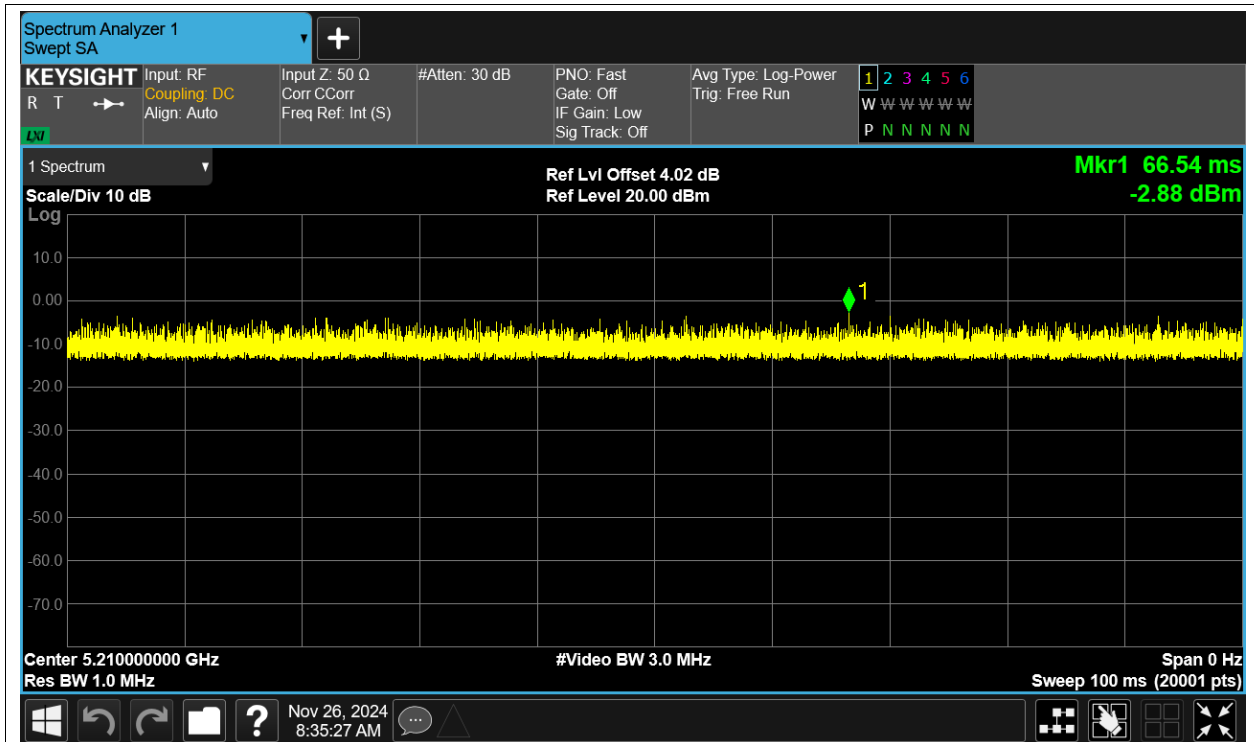
Duty Cycle NVNT ac40 5190MHz Ant13



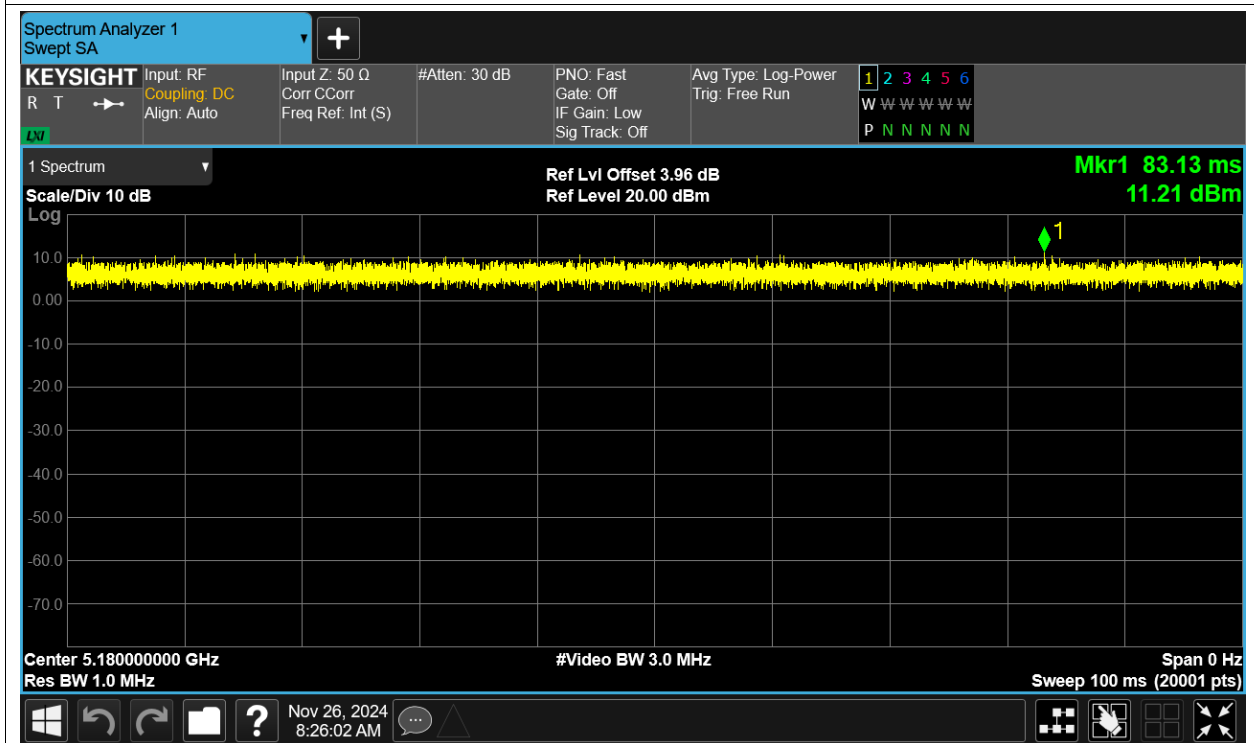
Duty Cycle NVNT ac40 5230MHz Ant13



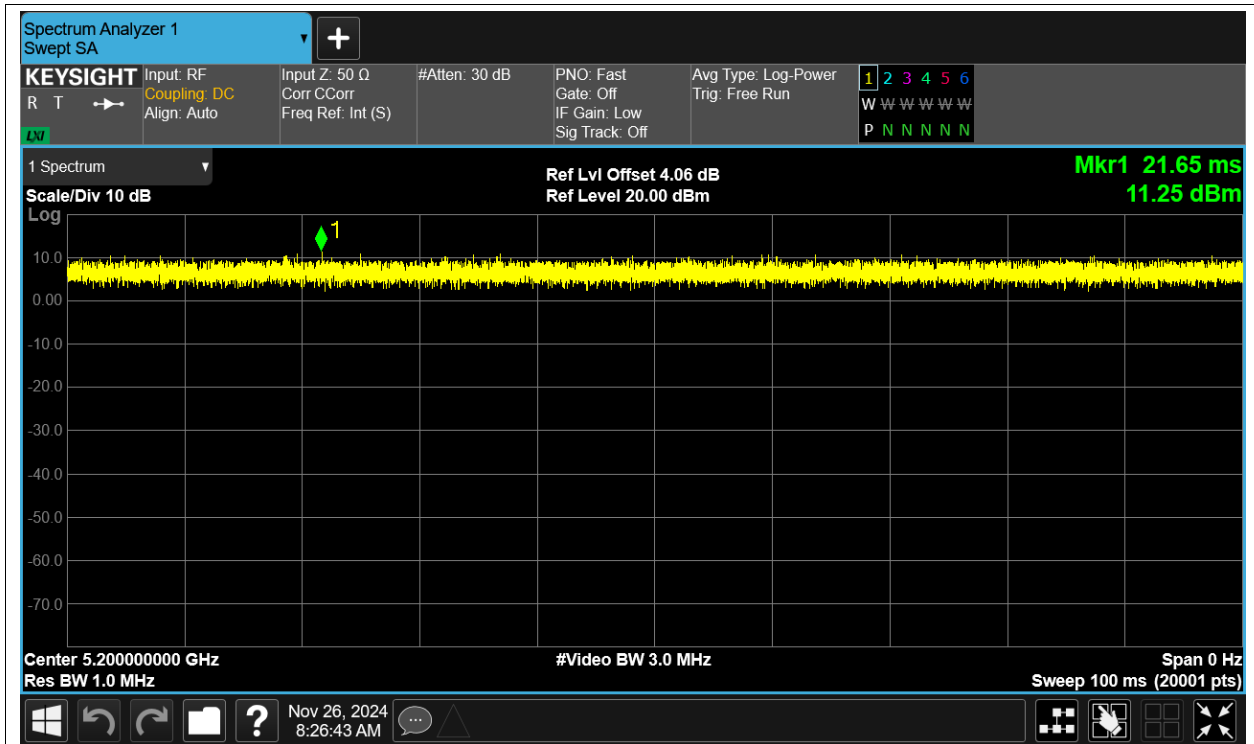
Duty Cycle NVNT ac80 5210MHz Ant13



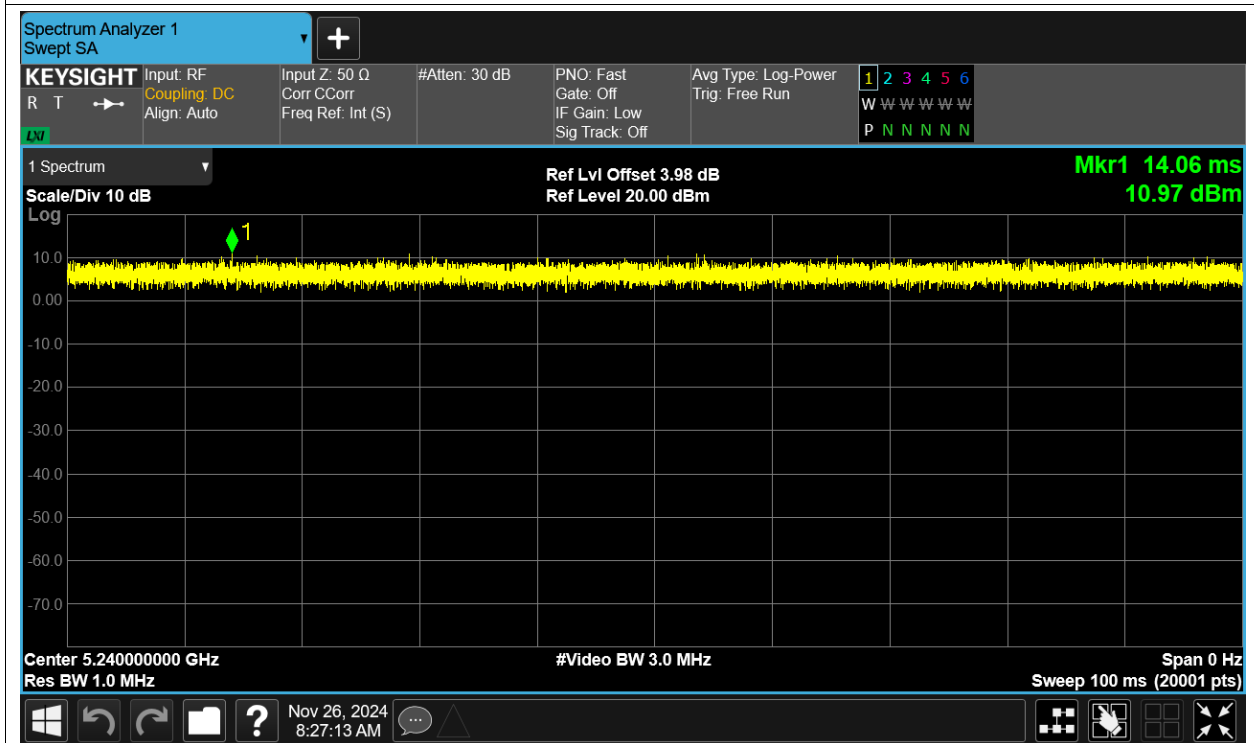
Duty Cycle NVNT n20 5180MHz Ant13



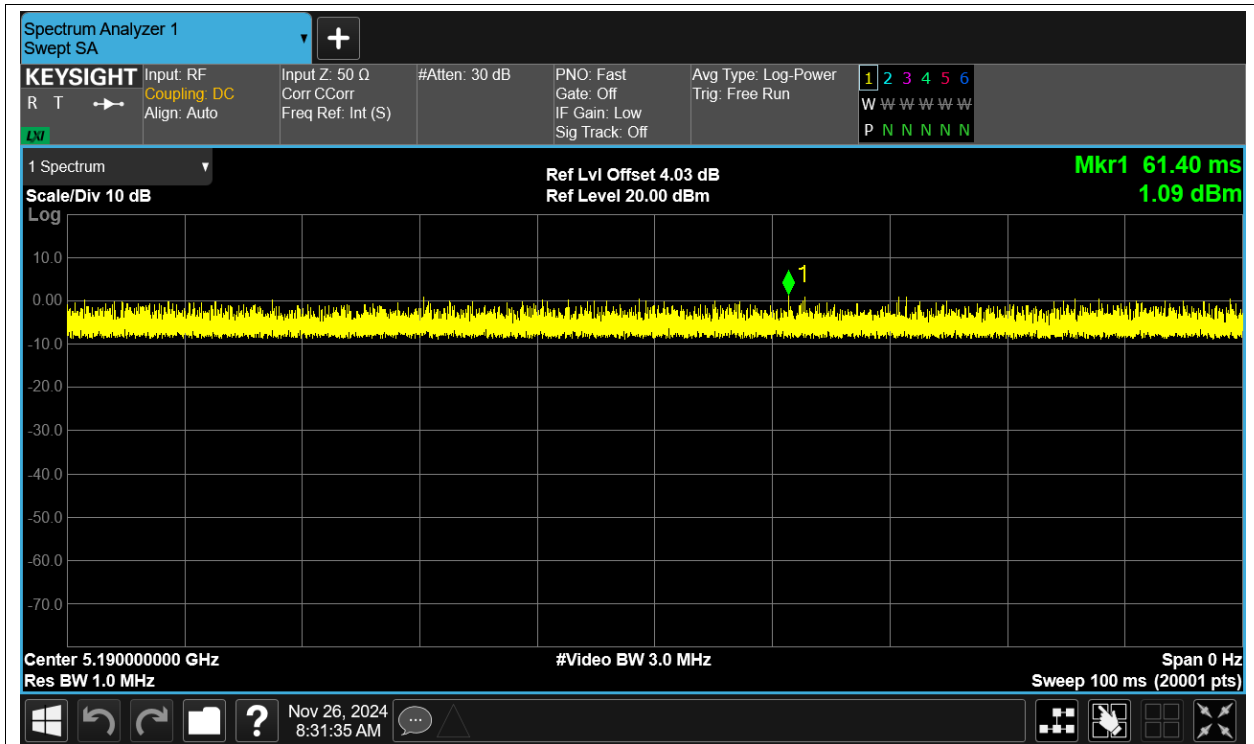
Duty Cycle NVNT n20 5200MHz Ant13



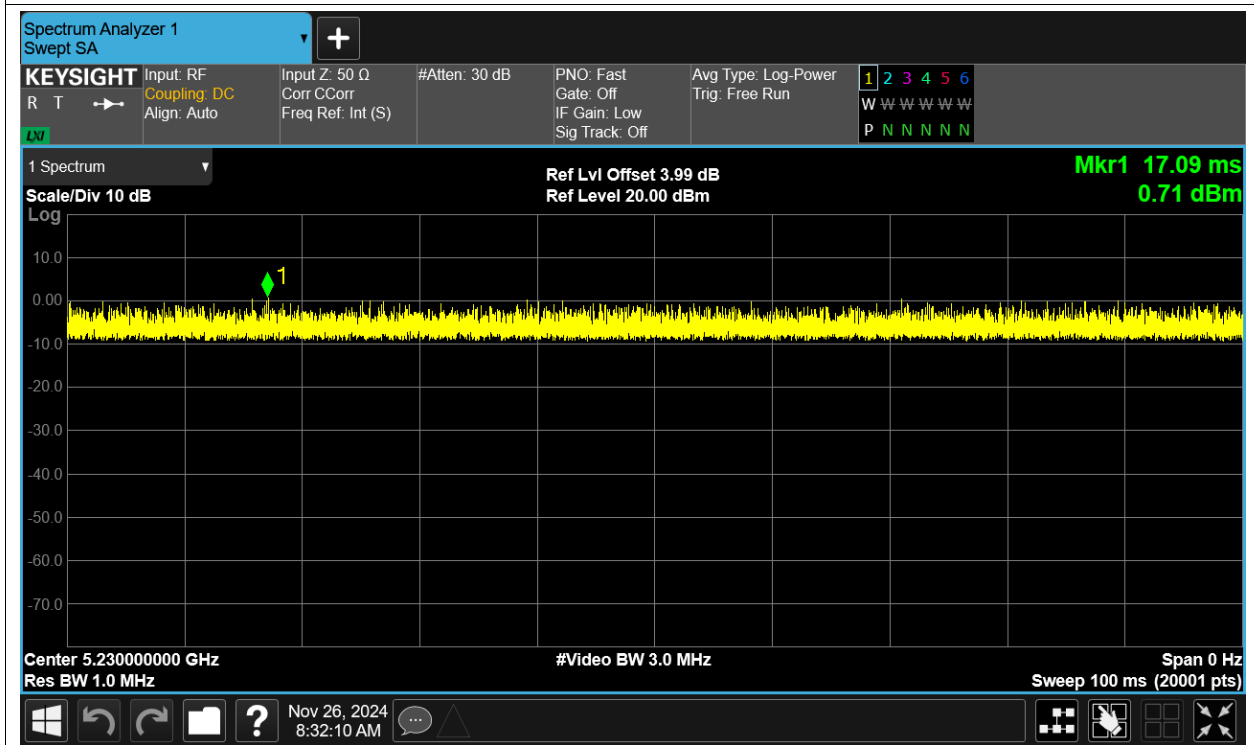
Duty Cycle NVNT n20 5240MHz Ant13



Duty Cycle NVNT n40 5190MHz Ant13



Duty Cycle NVNT n40 5230MHz Ant13



Maximum Conducted Output Power

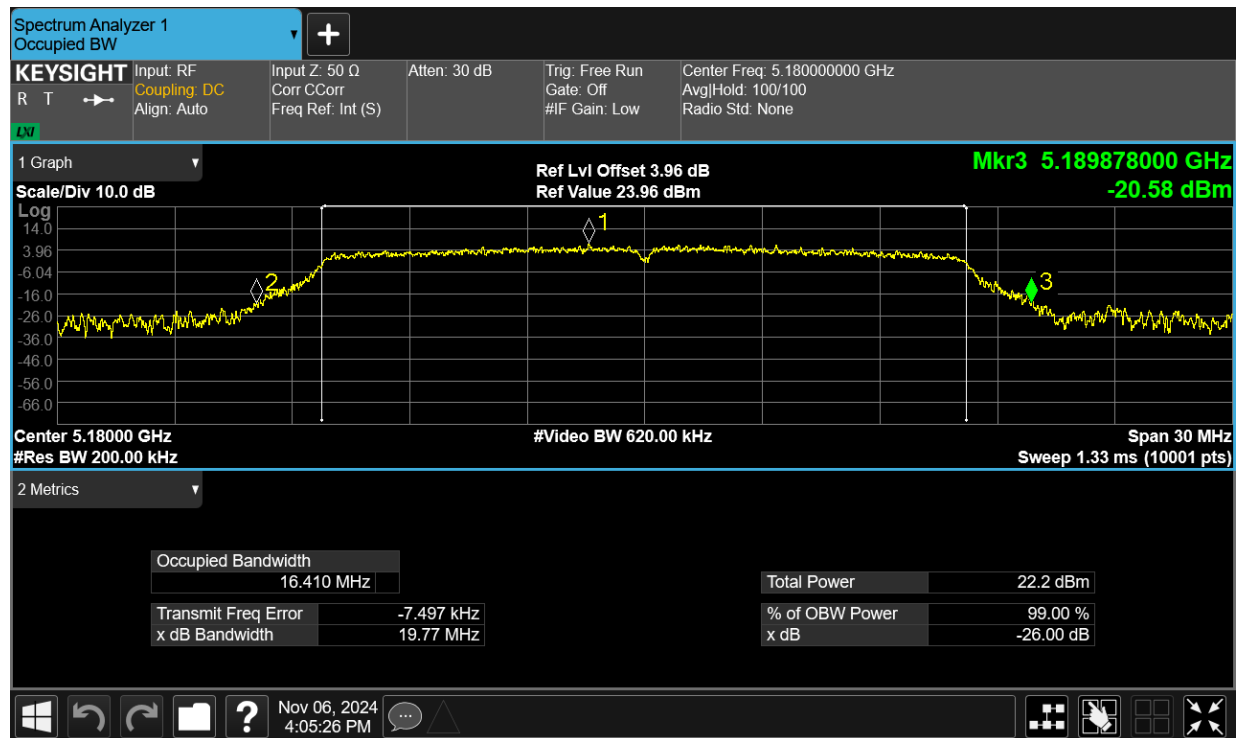
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant13	11.99	0	11.99	24	Pass
NVNT	a	5200	Ant13	12.4	0	12.4	24	Pass
NVNT	a	5240	Ant13	12.08	0	12.08	24	Pass
NVNT	ac20	5180	Ant13	12.3	0	12.3	24	Pass
NVNT	ac20	5200	Ant13	12.84	0	12.84	24	Pass
NVNT	ac20	5240	Ant13	12.56	0	12.56	24	Pass
NVNT	ac40	5190	Ant13	7.18	0	7.18	23	Pass
NVNT	ac40	5230	Ant13	7.36	0	7.36	24	Pass
NVNT	ac80	5210	Ant13	5.41	0	5.41	24	Pass
NVNT	n20	5180	Ant13	12.2	0	12.2	24	Pass
NVNT	n20	5200	Ant13	12.69	0	12.69	24	Pass
NVNT	n20	5240	Ant13	12.54	0	12.54	24	Pass
NVNT	n40	5190	Ant13	7.12	0	7.12	24	Pass
NVNT	n40	5230	Ant13	7.34	0	7.34	24	Pass

-26dB Bandwidth

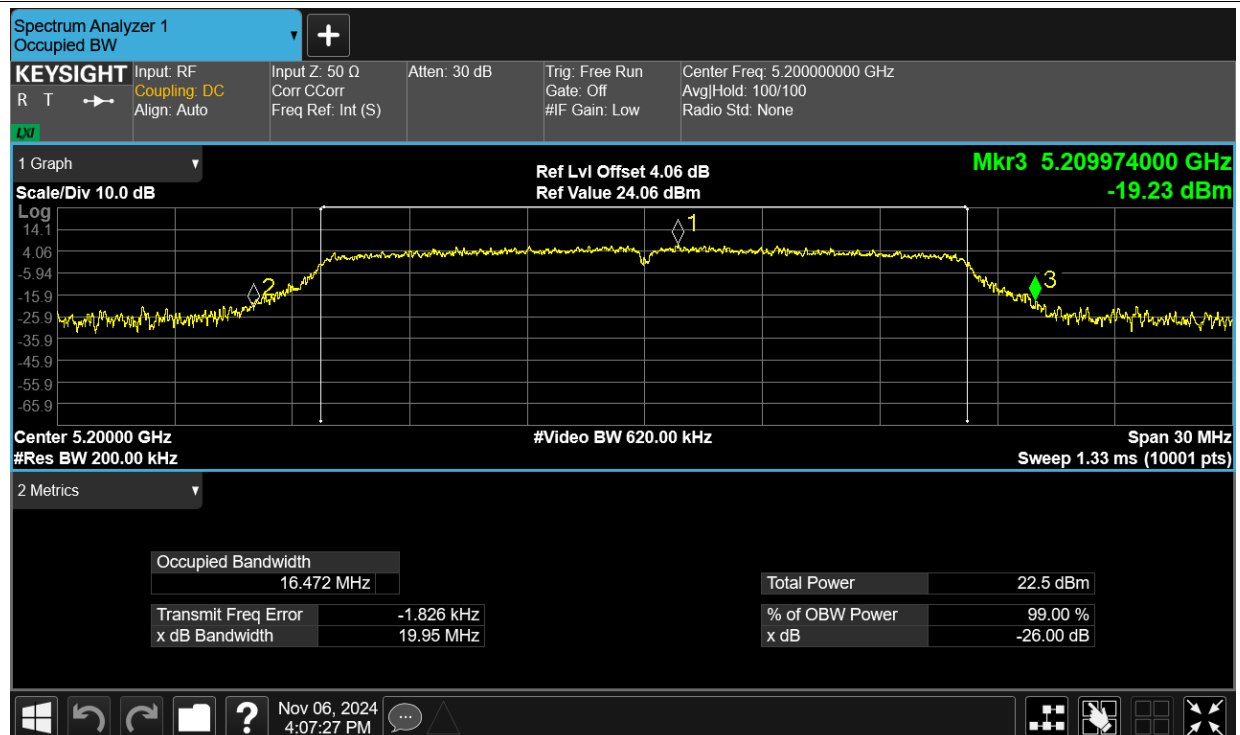
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant13	19.771
NVNT	a	5200	Ant13	19.953
NVNT	a	5240	Ant13	21.19
NVNT	ac20	5180	Ant13	20.209
NVNT	ac20	5200	Ant13	21.525
NVNT	ac20	5240	Ant13	20.465
NVNT	ac40	5190	Ant13	39.701
NVNT	ac40	5230	Ant13	39.275
NVNT	ac80	5210	Ant13	78.838
NVNT	n20	5180	Ant13	23.203
NVNT	n20	5200	Ant13	21.503
NVNT	n20	5240	Ant13	20.216
NVNT	n40	5190	Ant13	39.378
NVNT	n40	5230	Ant13	39.369

Test Graphs

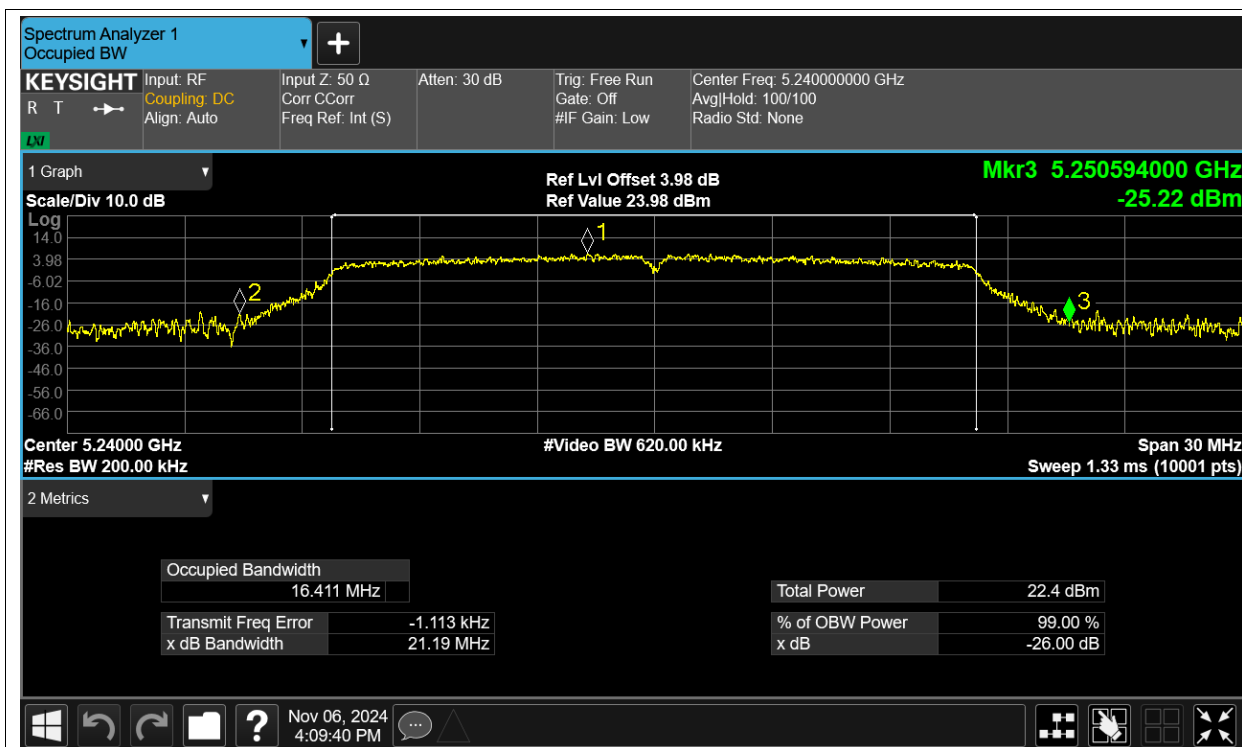
-26dB Bandwidth NVNT a 5180MHz Ant13



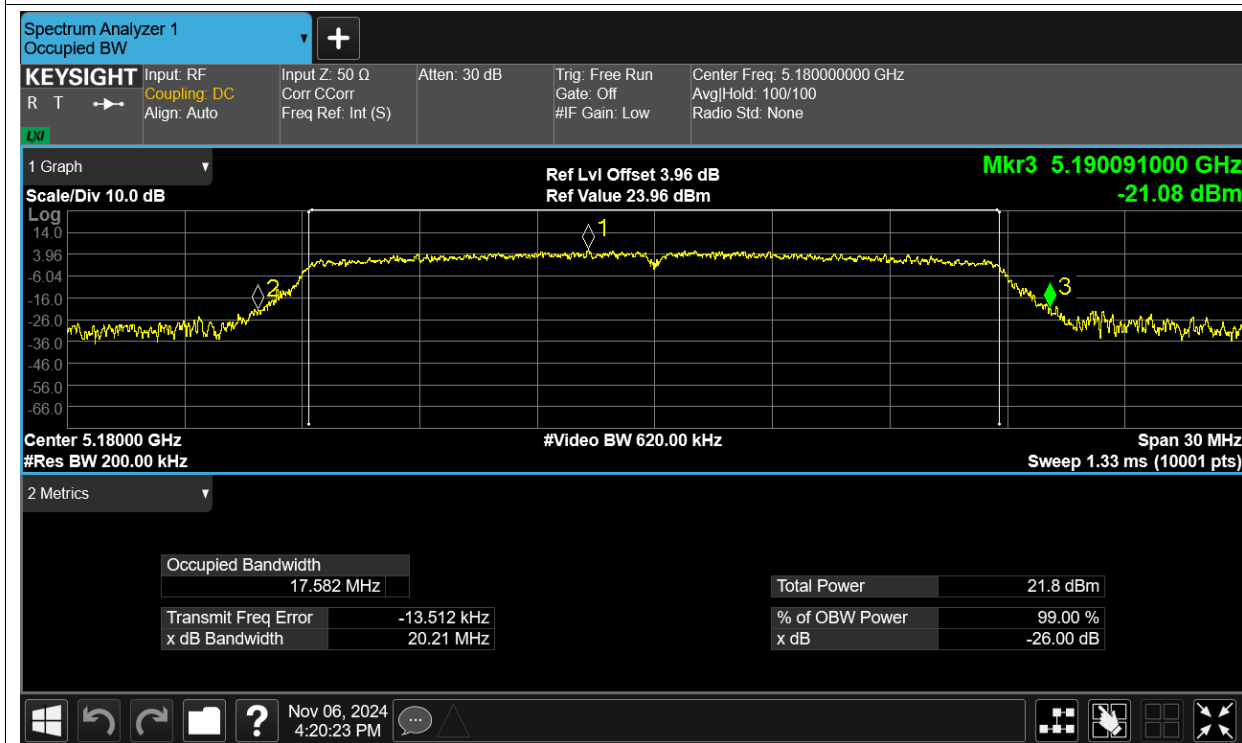
-26dB Bandwidth NVNT a 5200MHz Ant13



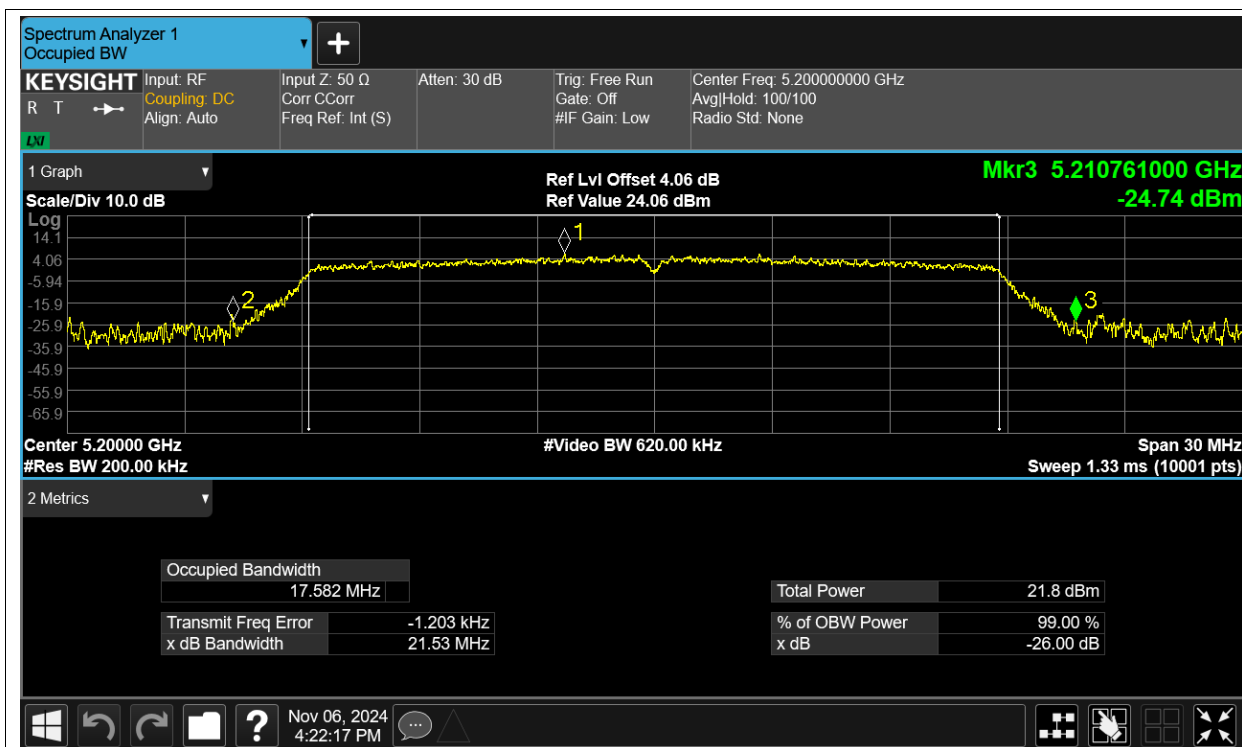
-26dB Bandwidth NVNT a 5240MHz Ant13



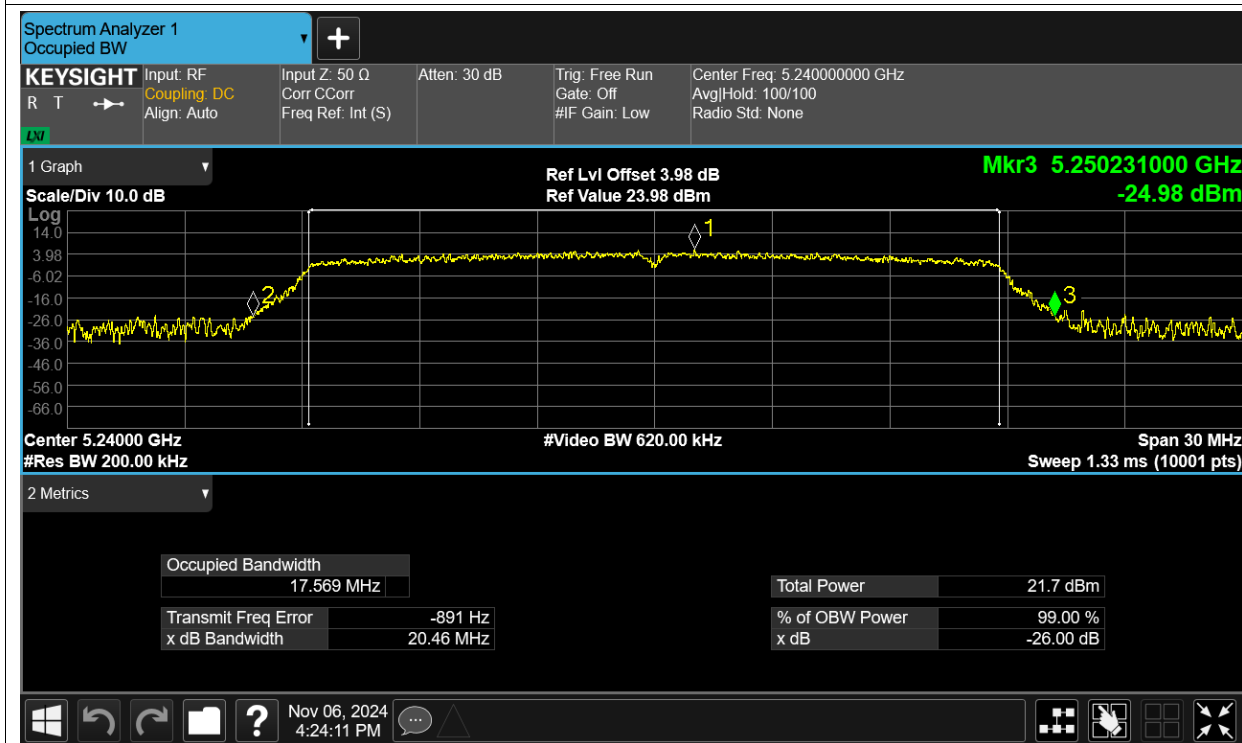
-26dB Bandwidth NVNT ac20 5180MHz Ant13



-26dB Bandwidth NVNT ac20 5200MHz Ant13



-26dB Bandwidth NVNT ac20 5240MHz Ant13



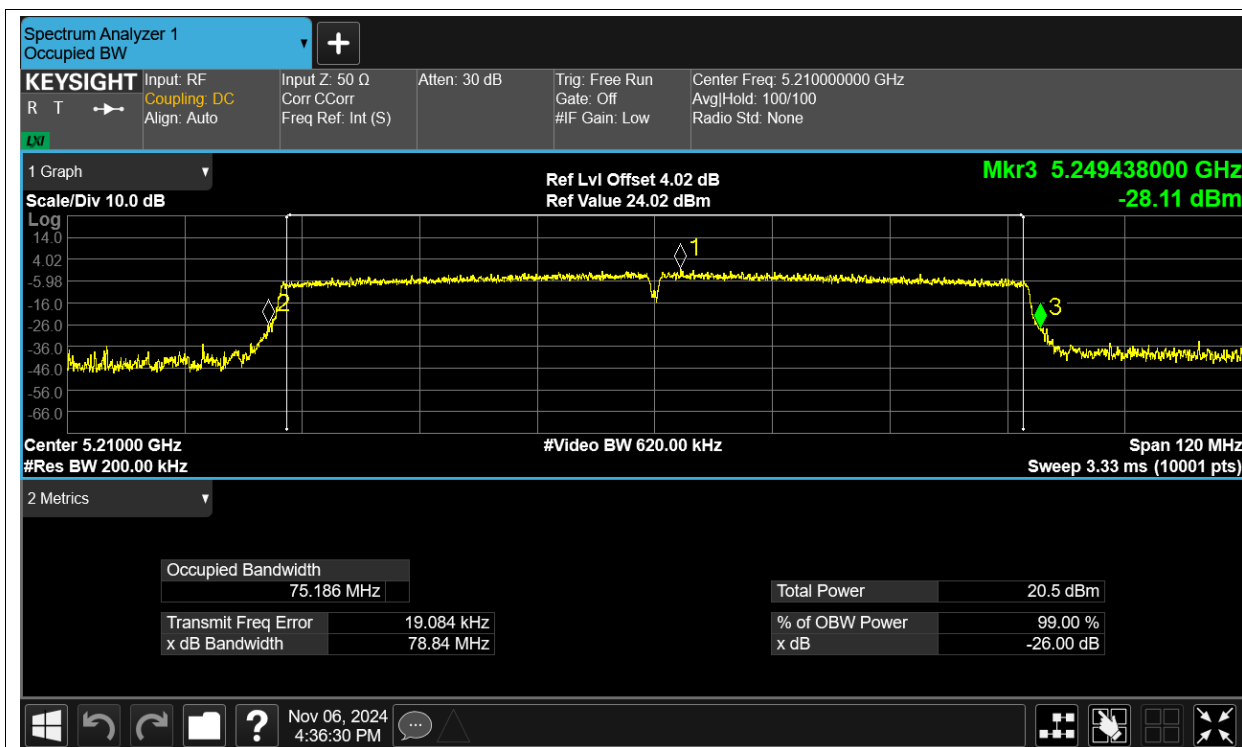
-26dB Bandwidth NVNT ac40 5190MHz Ant13



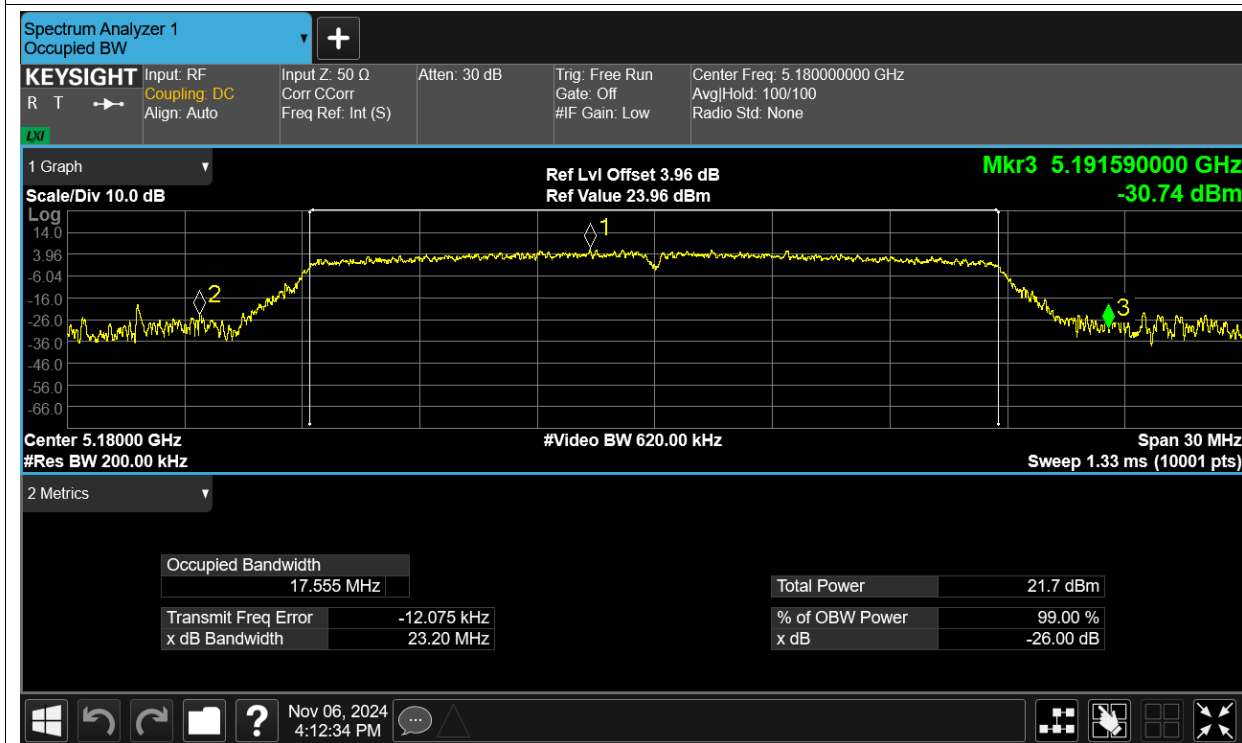
-26dB Bandwidth NVNT ac40 5230MHz Ant13



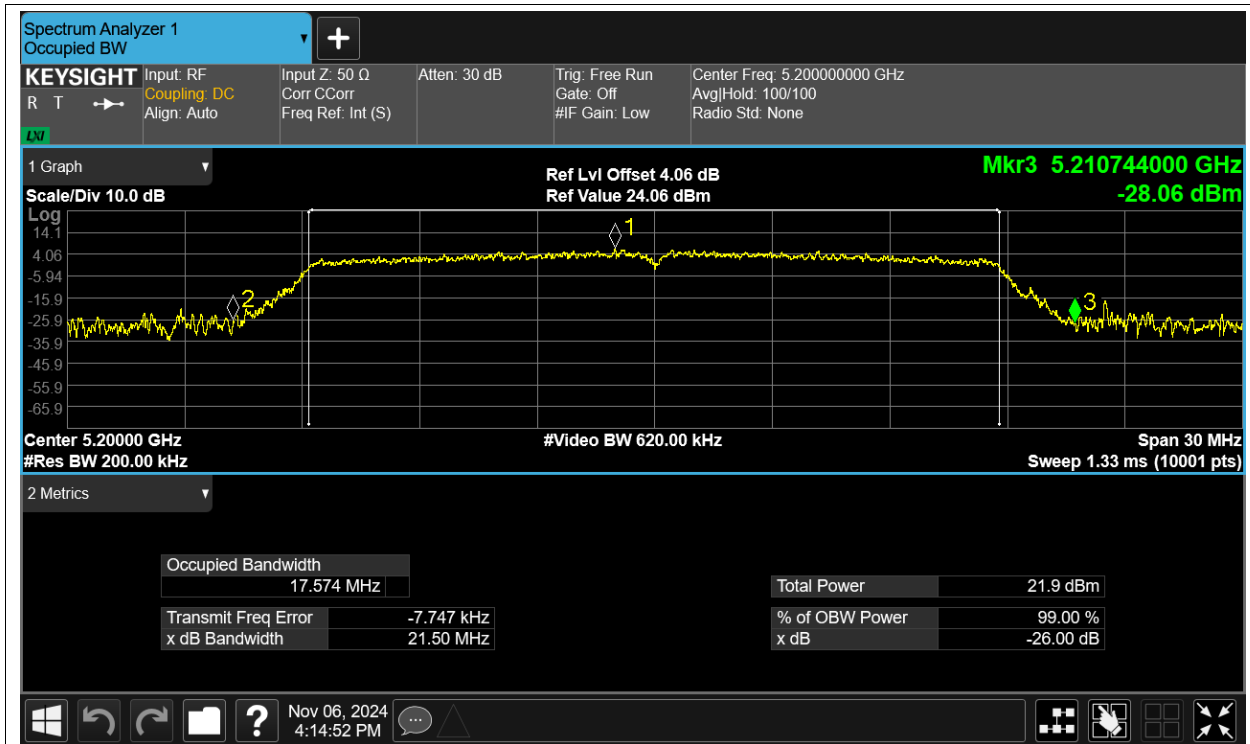
-26dB Bandwidth NVNT ac80 5210MHz Ant13



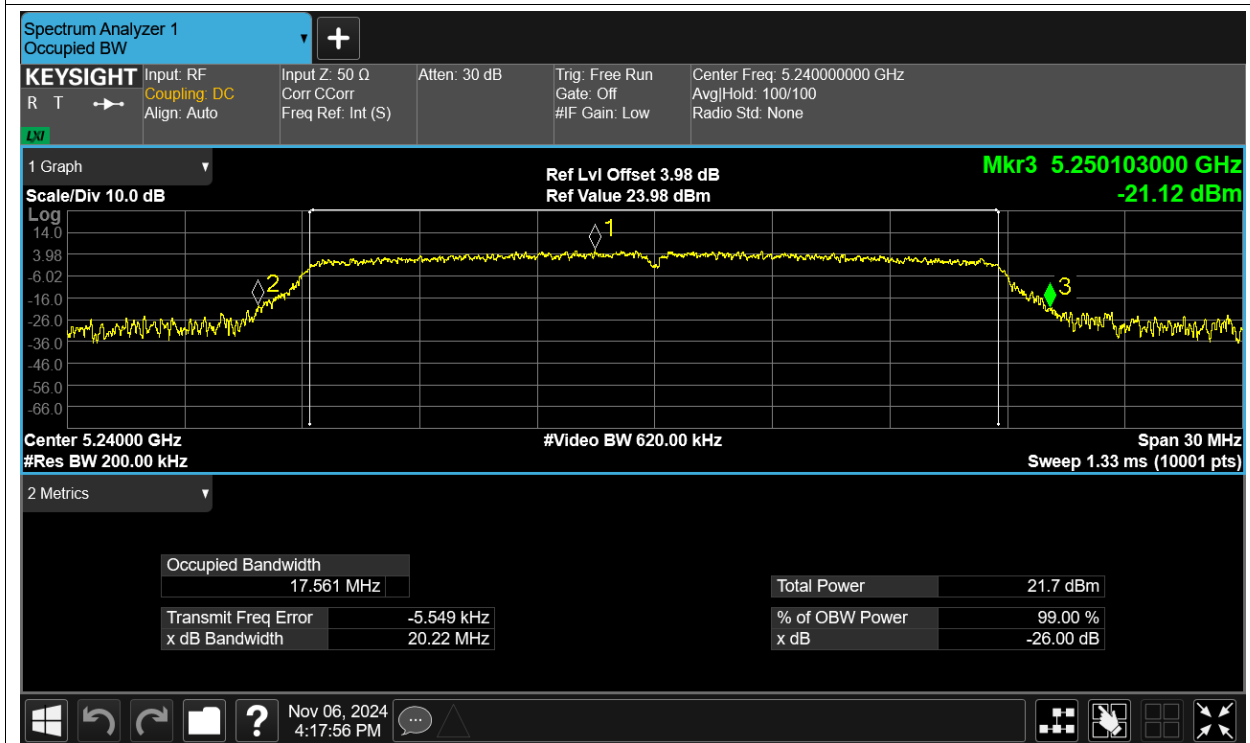
-26dB Bandwidth NVNT n20 5180MHz Ant13



-26dB Bandwidth NVNT n20 5200MHz Ant13



-26dB Bandwidth NVNT n20 5240MHz Ant13



-26dB Bandwidth NVNT n40 5190MHz Ant13



-26dB Bandwidth NVNT n40 5230MHz Ant13

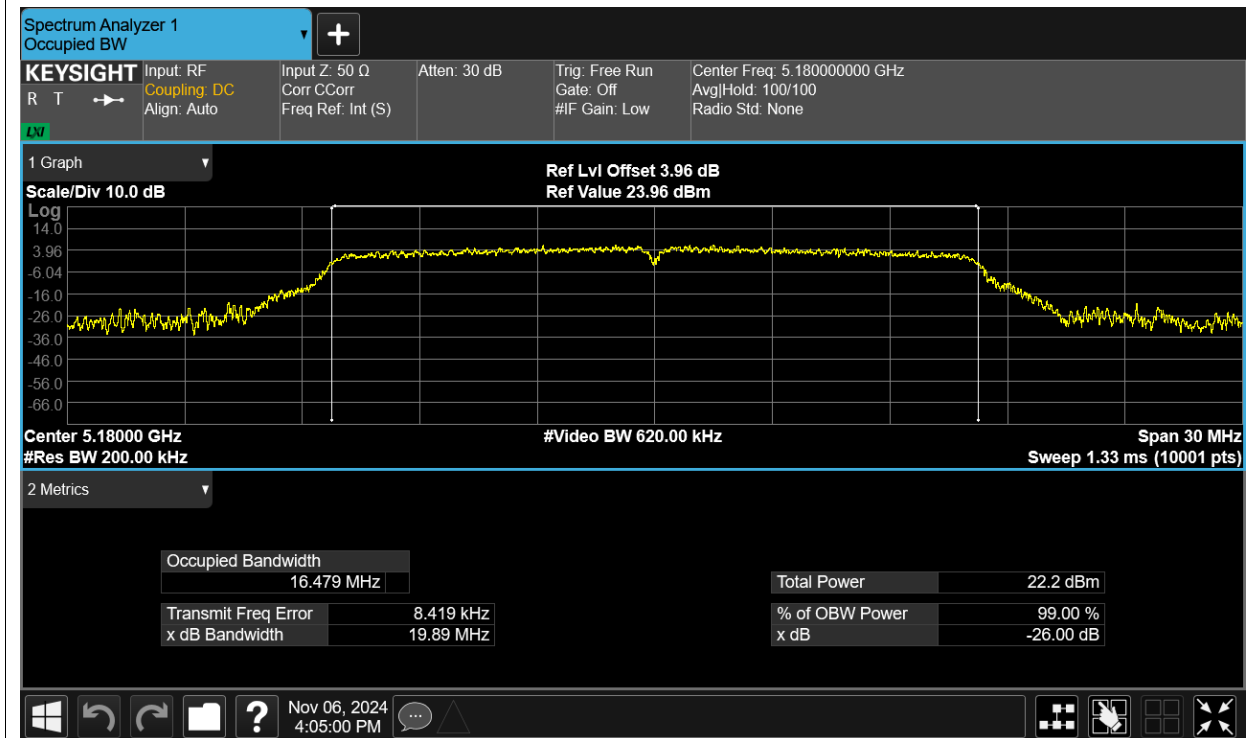


Occupied Channel Bandwidth

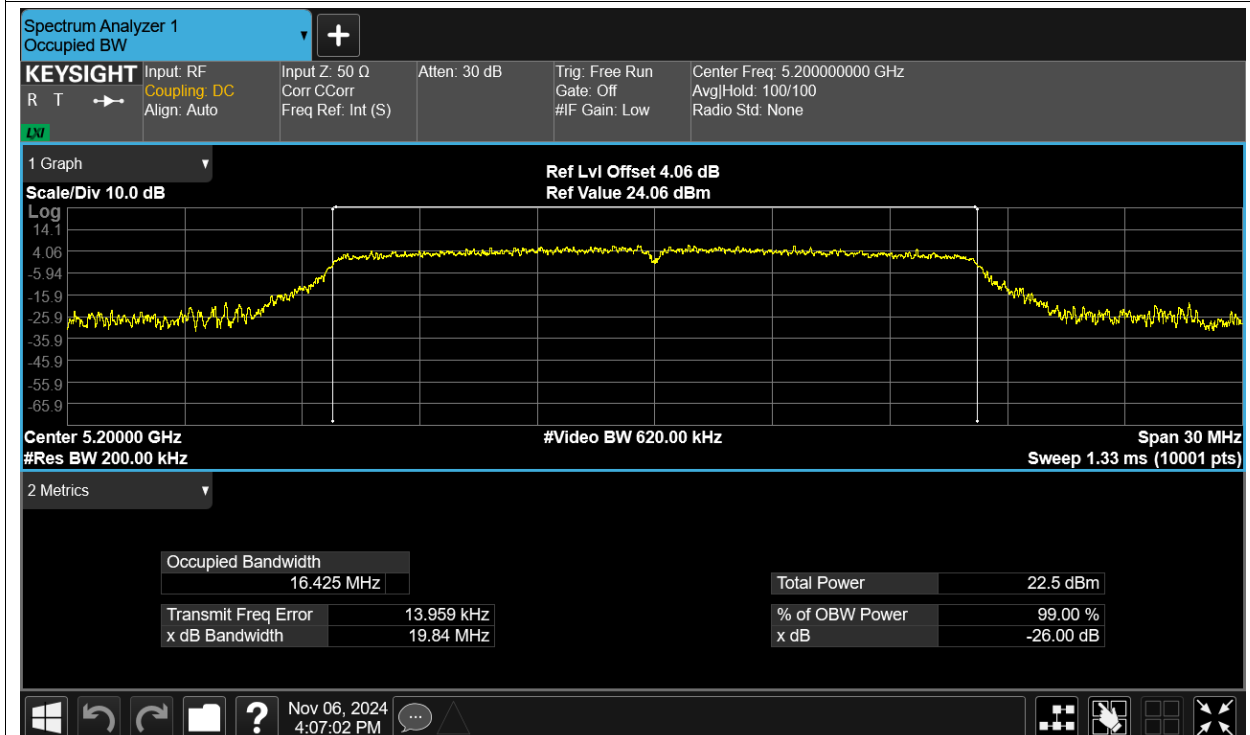
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant13	16.479
NVNT	a	5200	Ant13	16.425
NVNT	a	5240	Ant13	16.432
NVNT	ac20	5180	Ant13	17.545
NVNT	ac20	5200	Ant13	17.567
NVNT	ac20	5240	Ant13	17.563
NVNT	ac40	5190	Ant13	35.905
NVNT	ac40	5230	Ant13	35.932
NVNT	ac80	5210	Ant13	75.179
NVNT	n20	5180	Ant13	17.581
NVNT	n20	5200	Ant13	17.577
NVNT	n20	5240	Ant13	17.541
NVNT	n40	5190	Ant13	35.969
NVNT	n40	5230	Ant13	35.984

Test Graphs

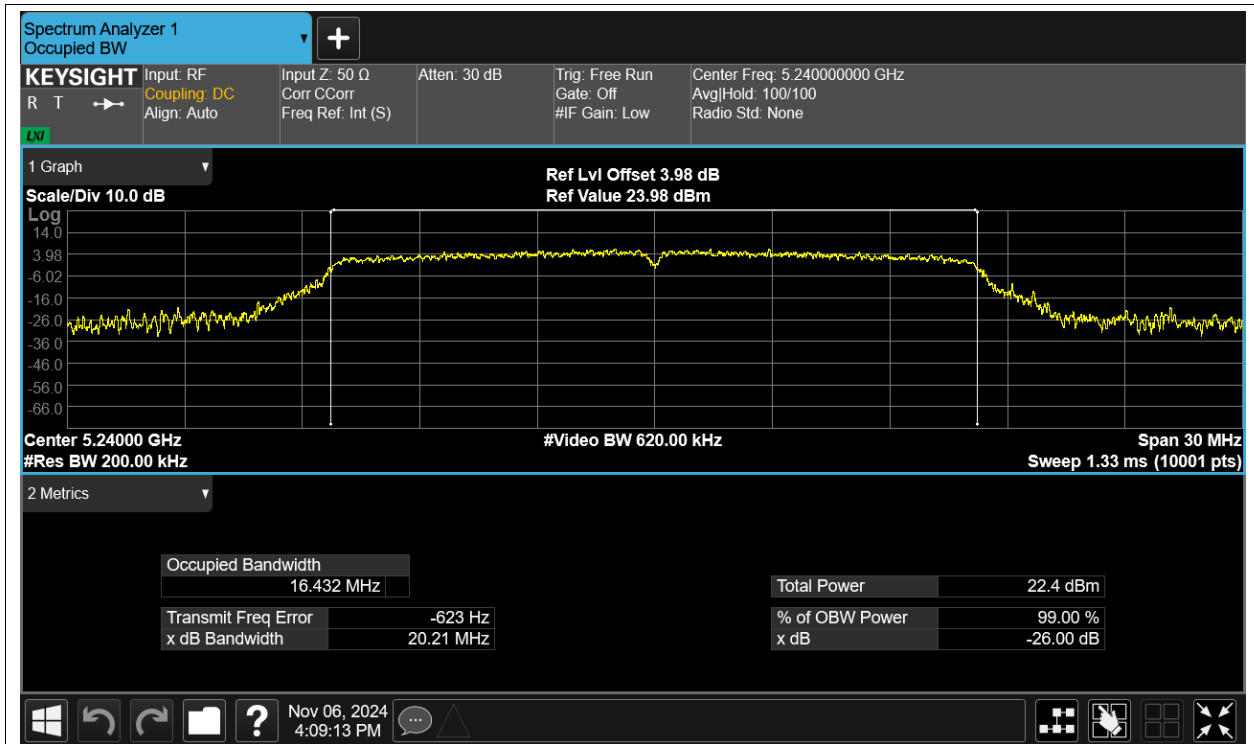
OBW NVNT a 5180MHz Ant13



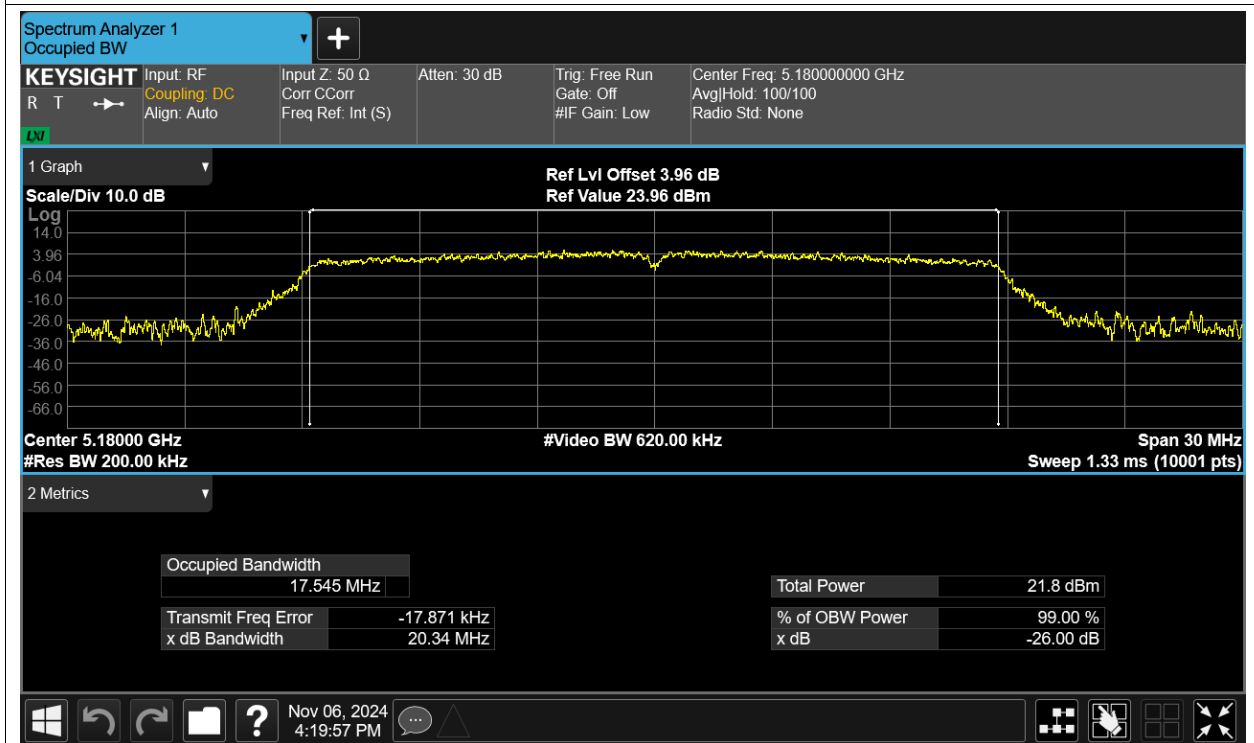
OBW NVNT a 5200MHz Ant13



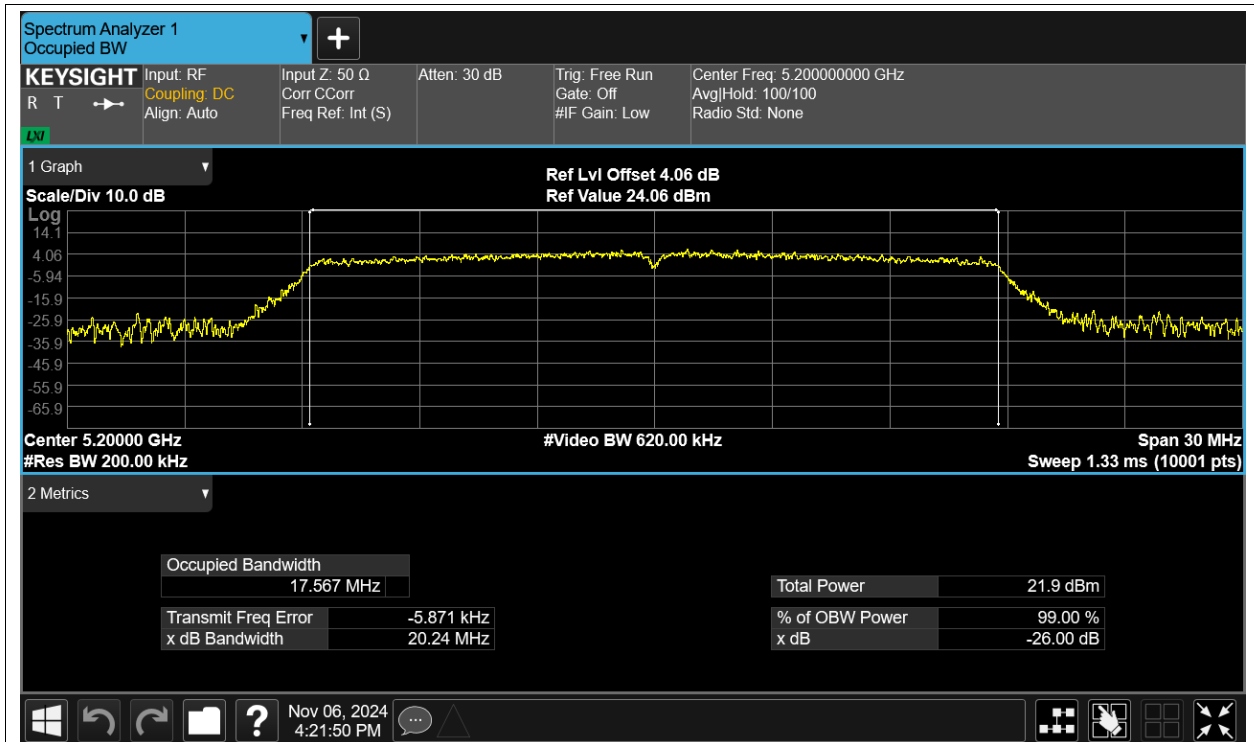
OBW NVNT a 5240MHz Ant13



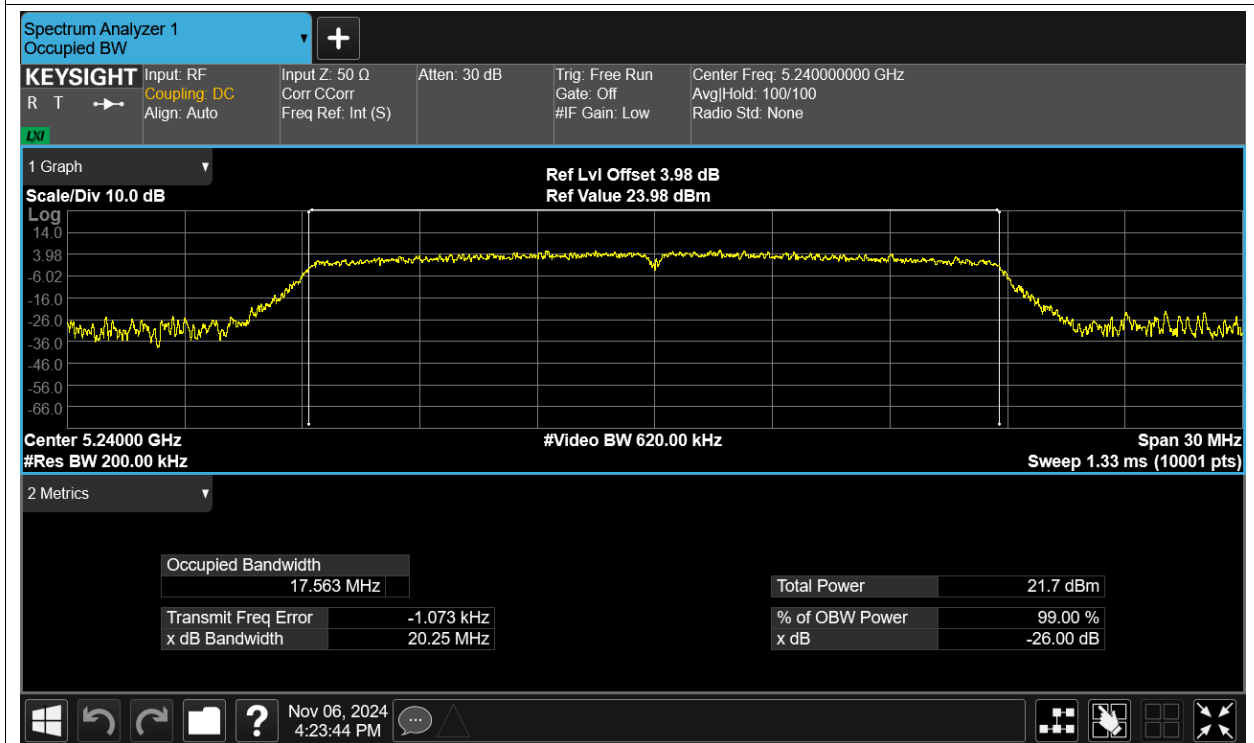
OBW NVNT ac20 5180MHz Ant13



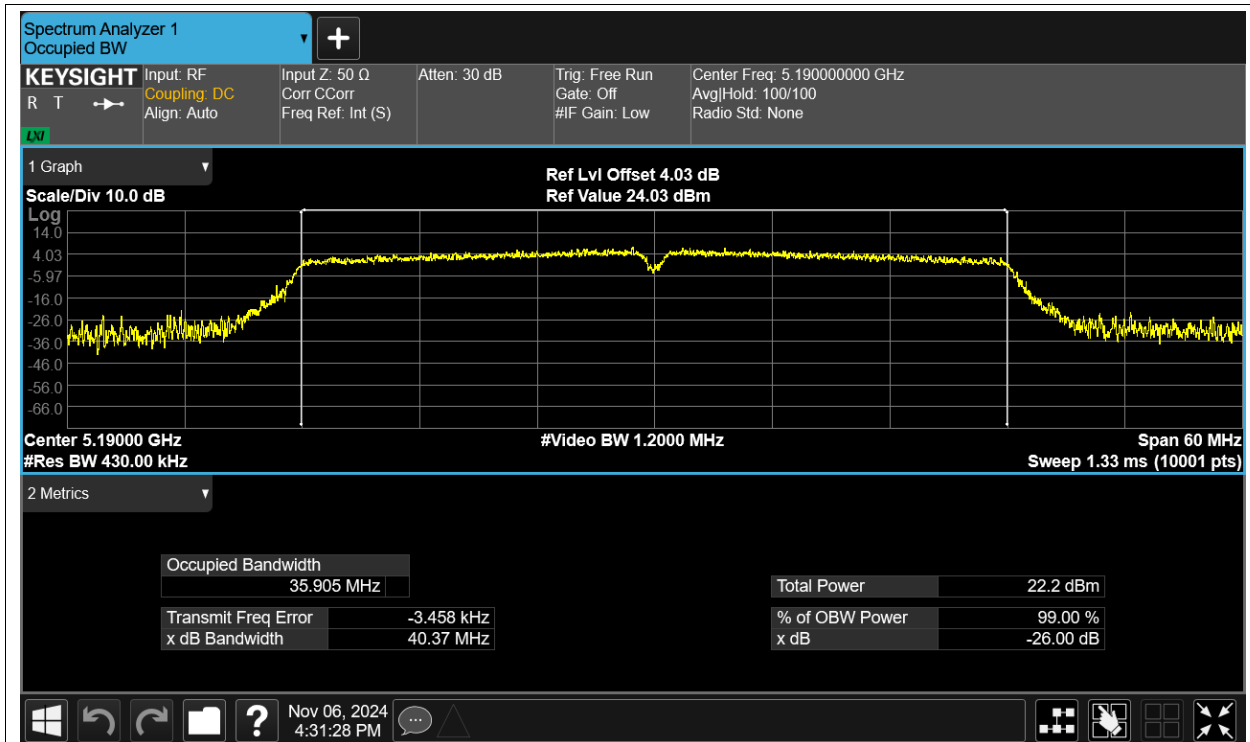
OBW NVNT ac20 5200MHz Ant13



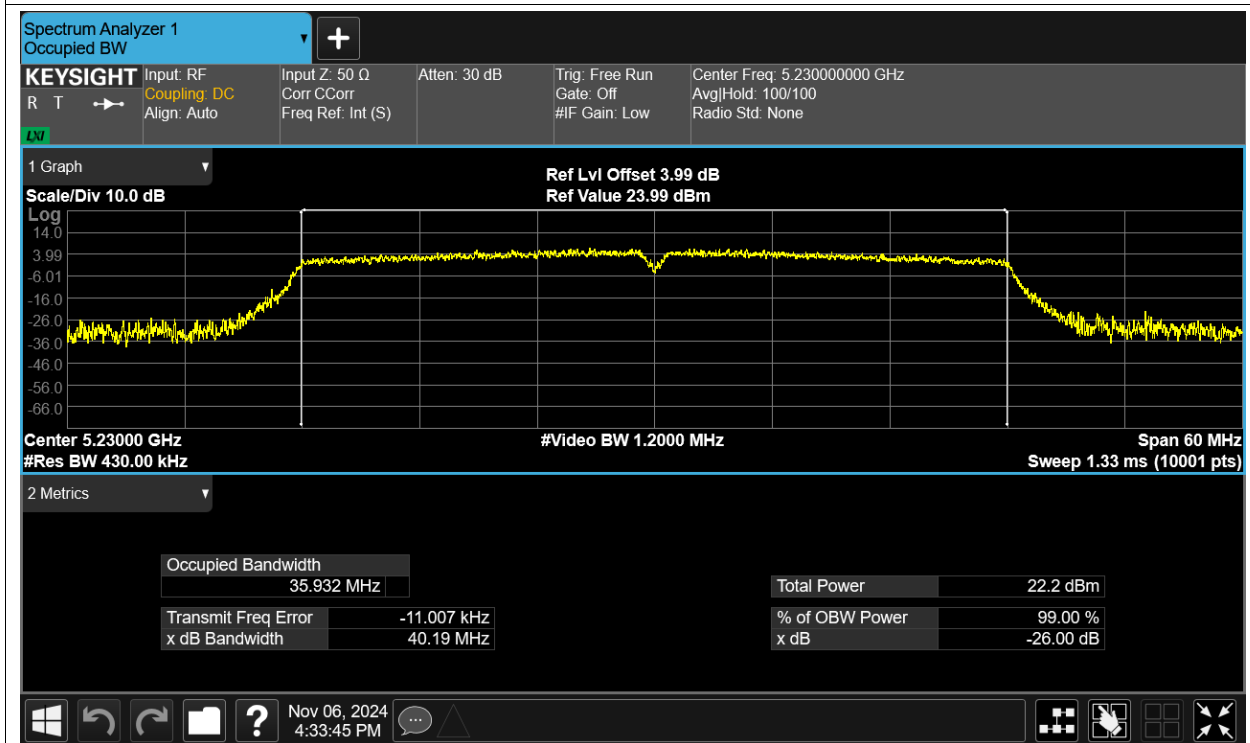
OBW NVNT ac20 5240MHz Ant13



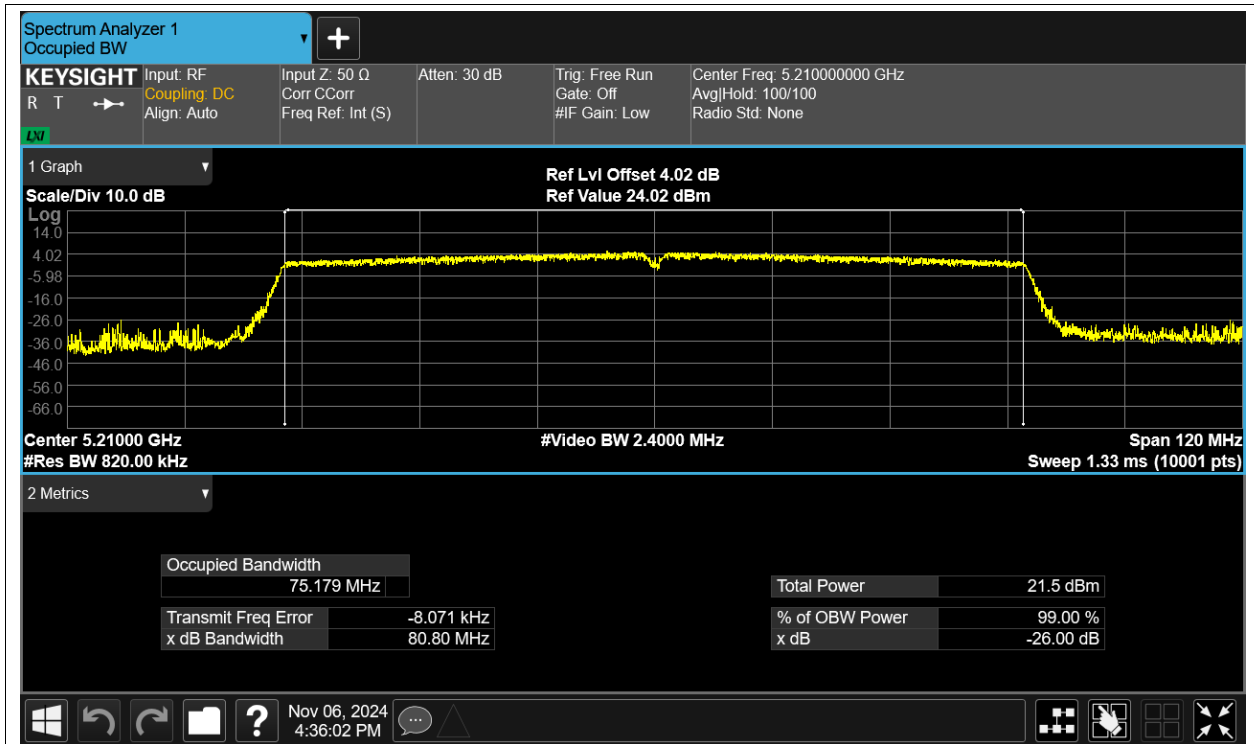
OBW NVNT ac40 5190MHz Ant13



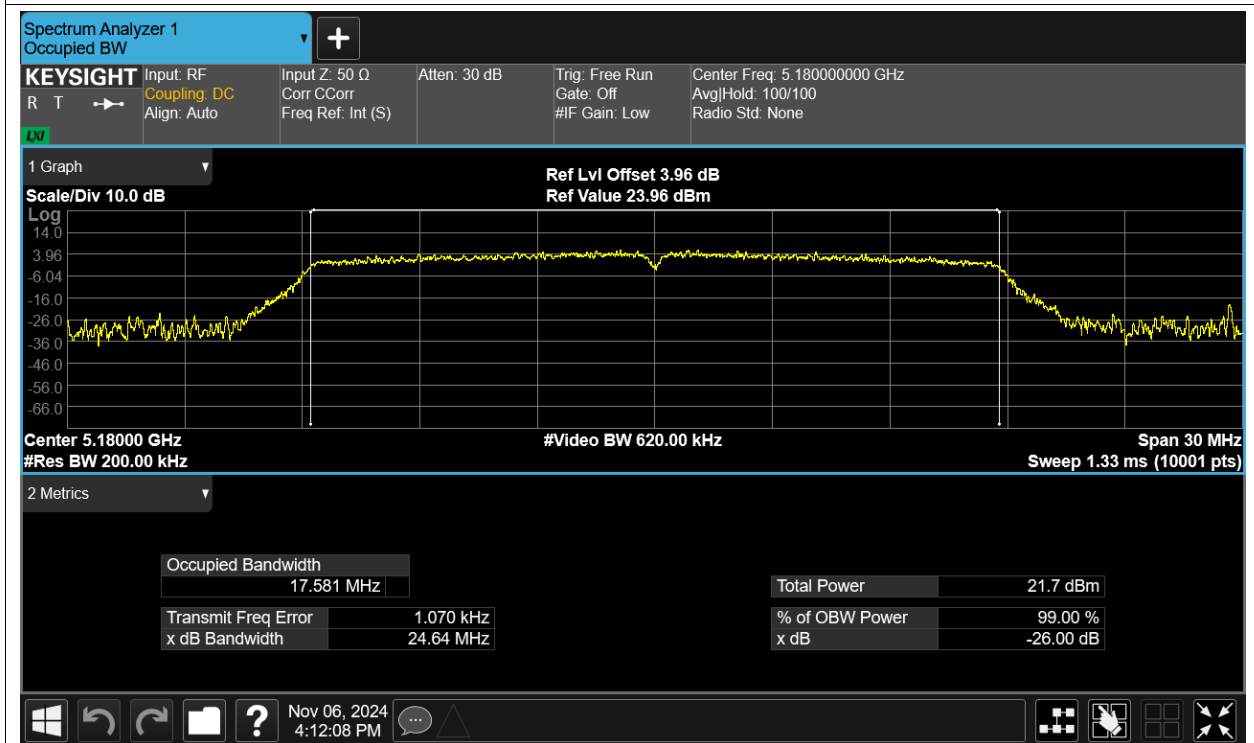
OBW NVNT ac40 5230MHz Ant13



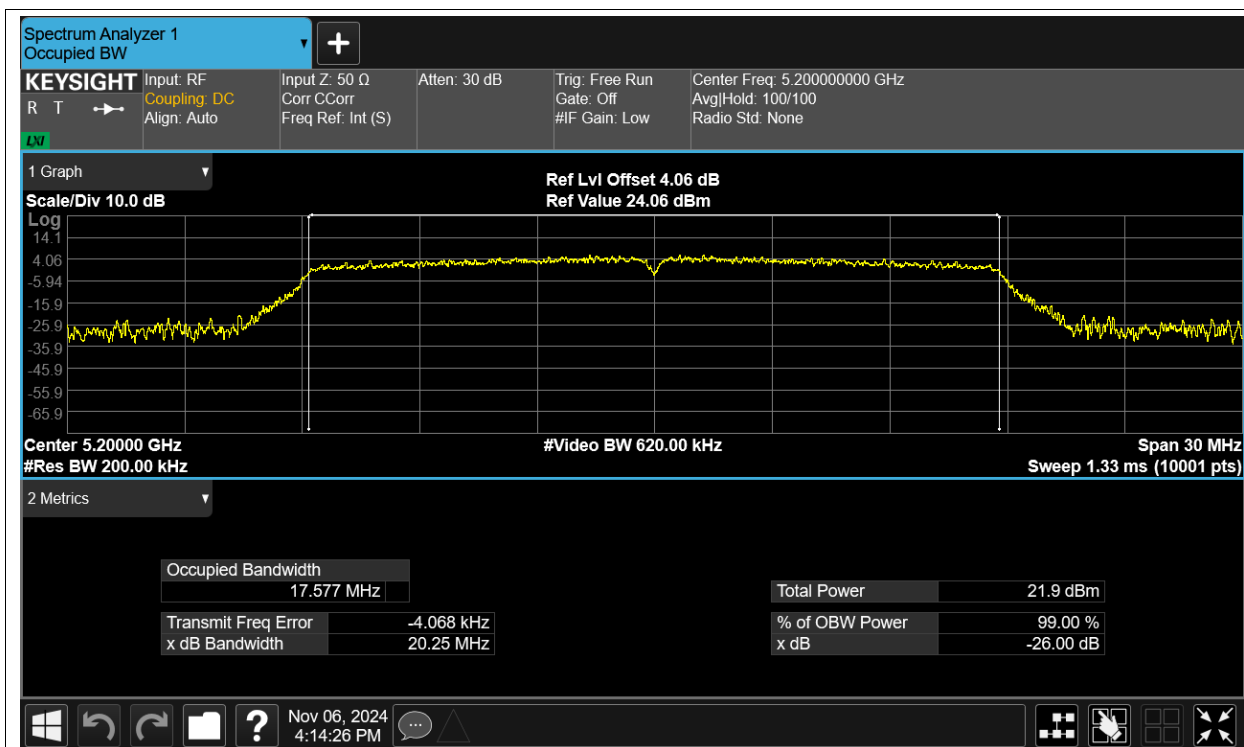
OBW NVNT ac80 5210MHz Ant13



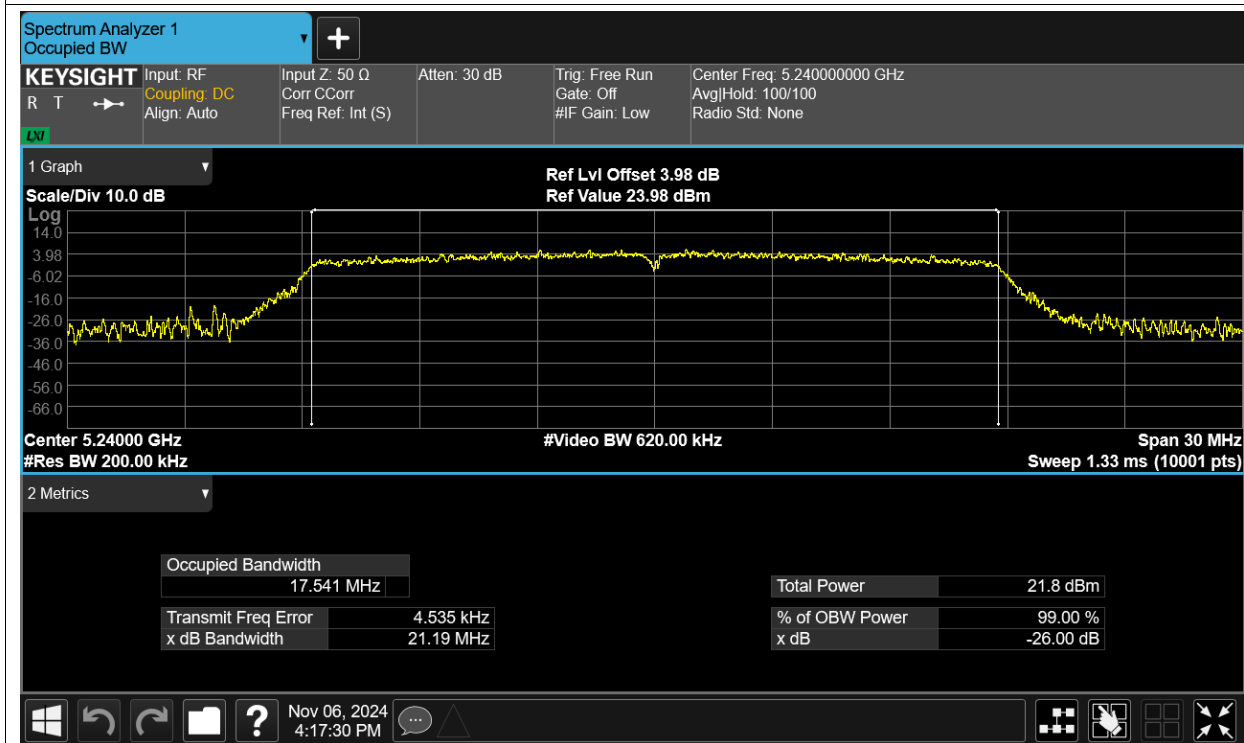
OBW NVNT n20 5180MHz Ant13



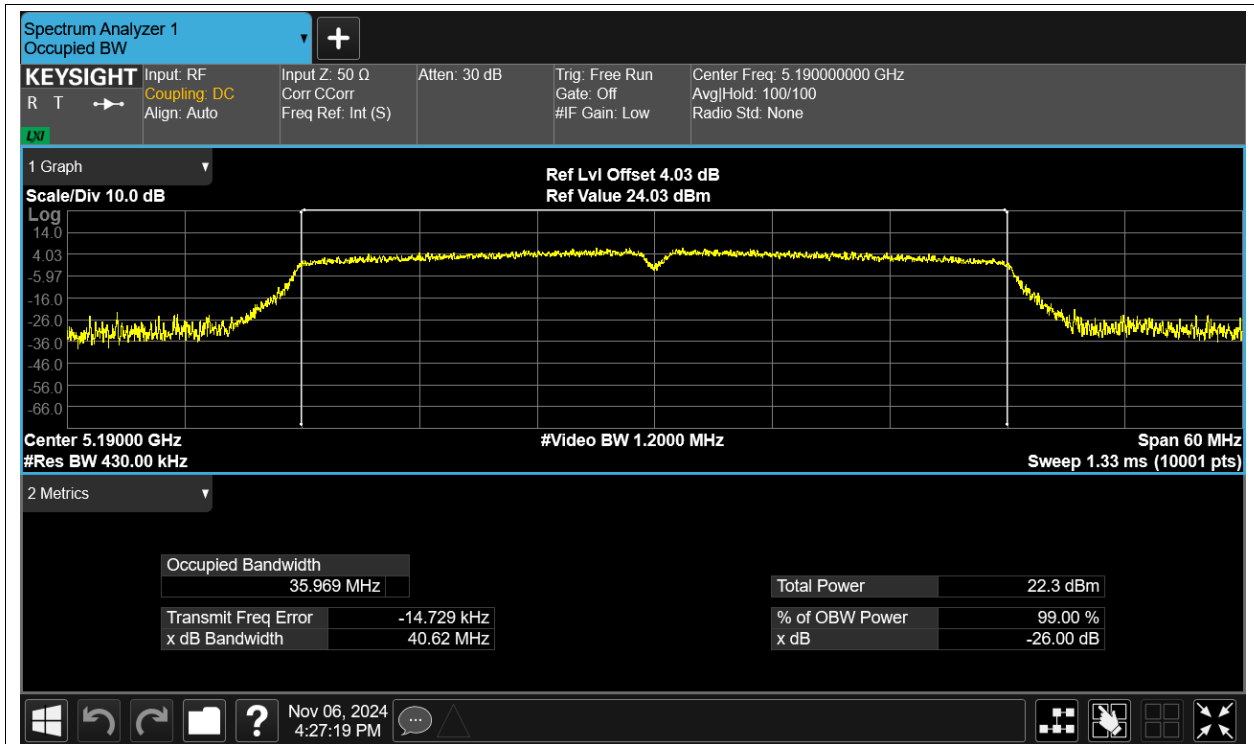
OBW NVNT n20 5200MHz Ant13



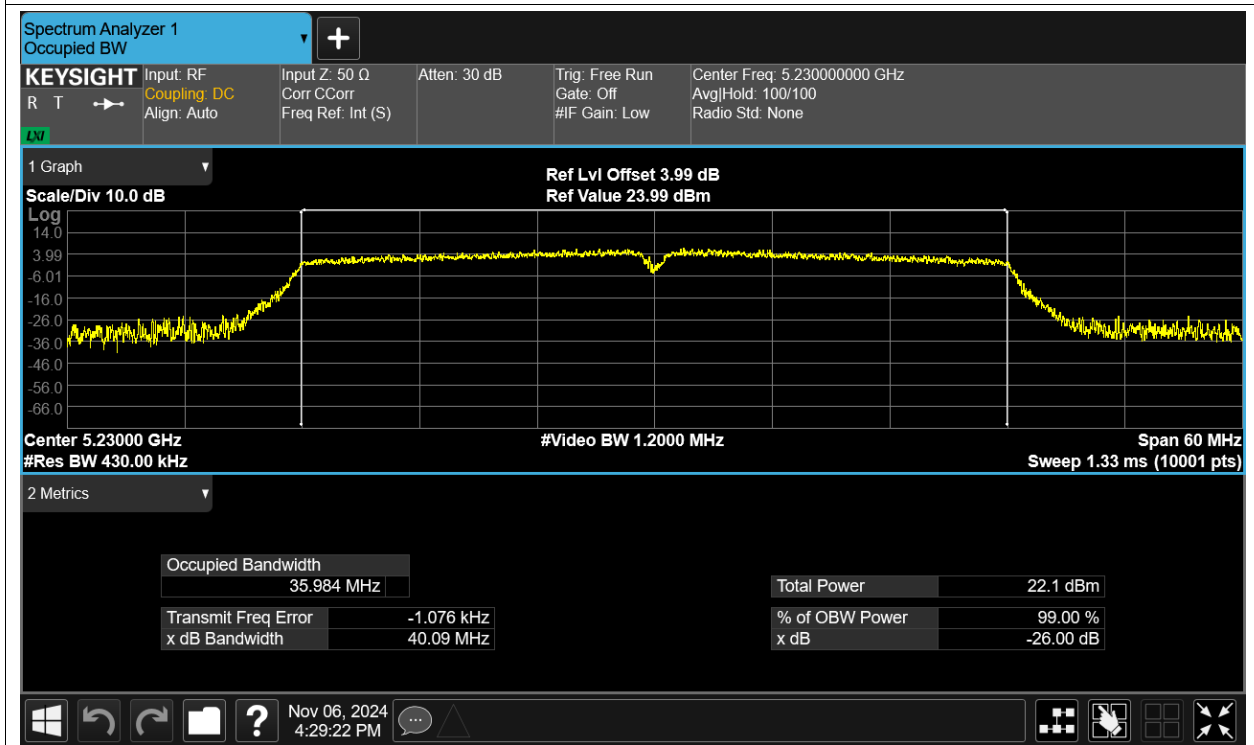
OBW NVNT n20 5240MHz Ant13



OBW NVNT n40 5190MHz Ant13

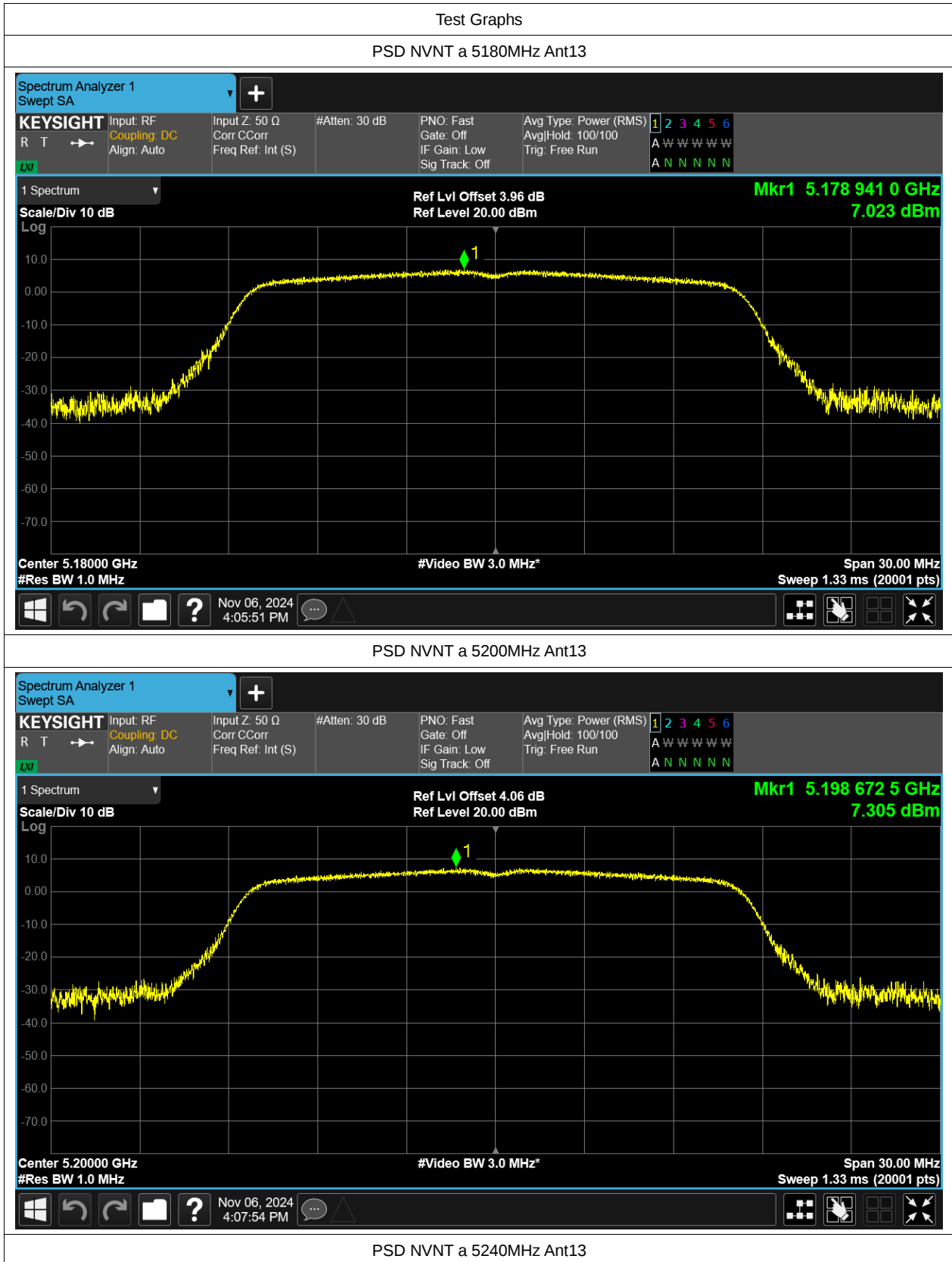


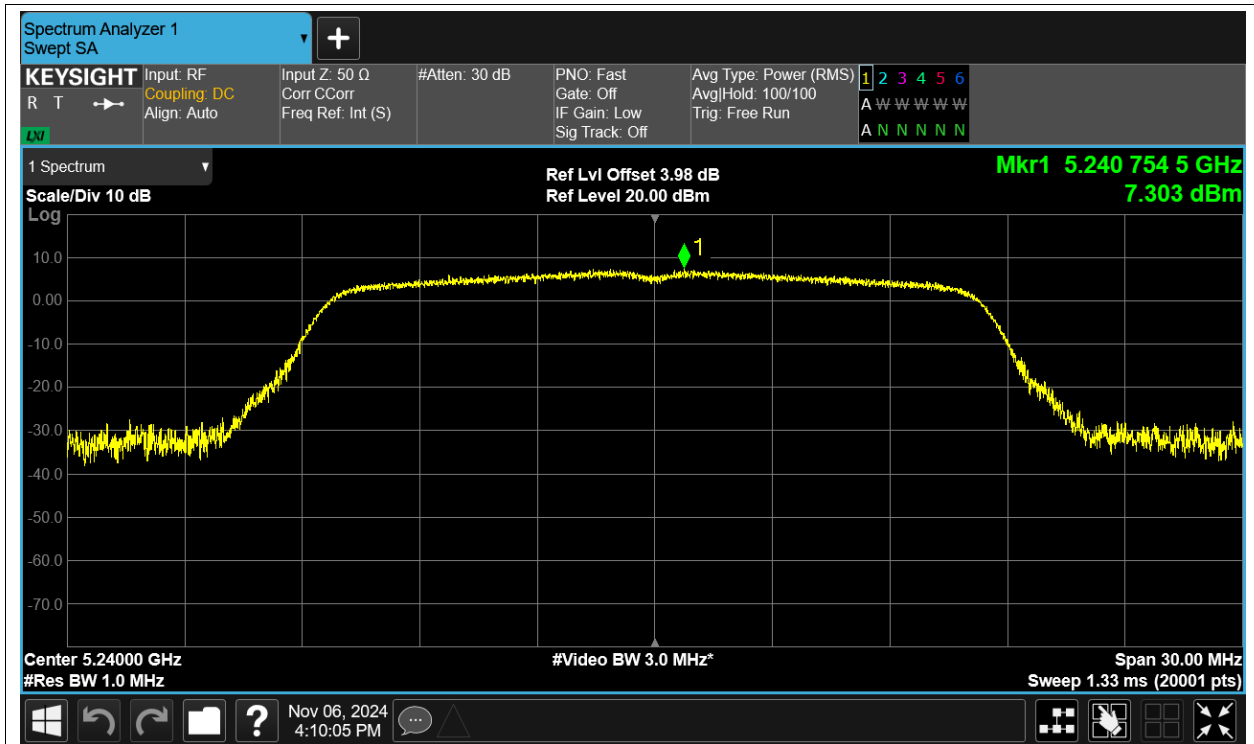
OBW NVNT n40 5230MHz Ant13



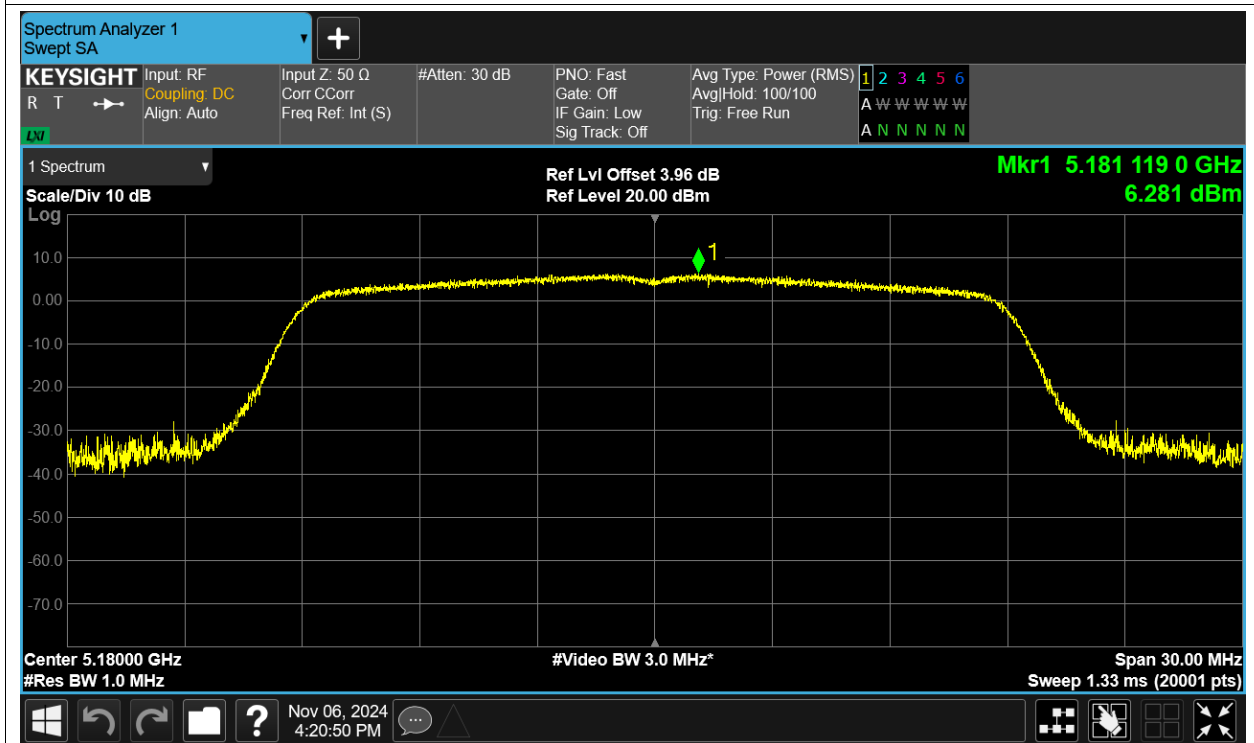
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant13	7.023	11	Pass
NVNT	a	5200	Ant13	7.305	11	Pass
NVNT	a	5240	Ant13	7.303	11	Pass
NVNT	ac20	5180	Ant13	6.281	11	Pass
NVNT	ac20	5200	Ant13	6.546	11	Pass
NVNT	ac20	5240	Ant13	6.6	11	Pass
NVNT	ac40	5190	Ant13	3.915	11	Pass
NVNT	ac40	5230	Ant13	3.672	11	Pass
NVNT	ac80	5210	Ant13	-0.586	11	Pass
NVNT	n20	5180	Ant13	6.31	11	Pass
NVNT	n20	5200	Ant13	6.807	11	Pass
NVNT	n20	5240	Ant13	6.434	11	Pass
NVNT	n40	5190	Ant13	3.943	11	Pass
NVNT	n40	5230	Ant13	3.622	11	Pass

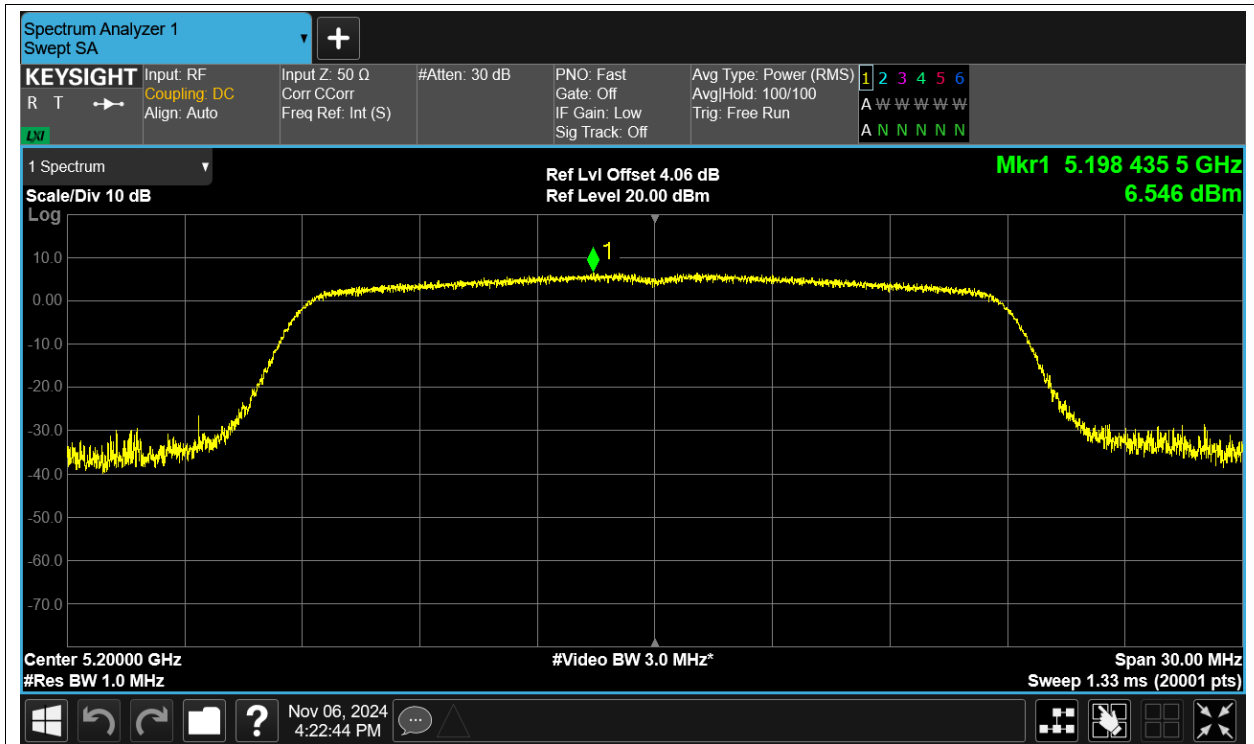




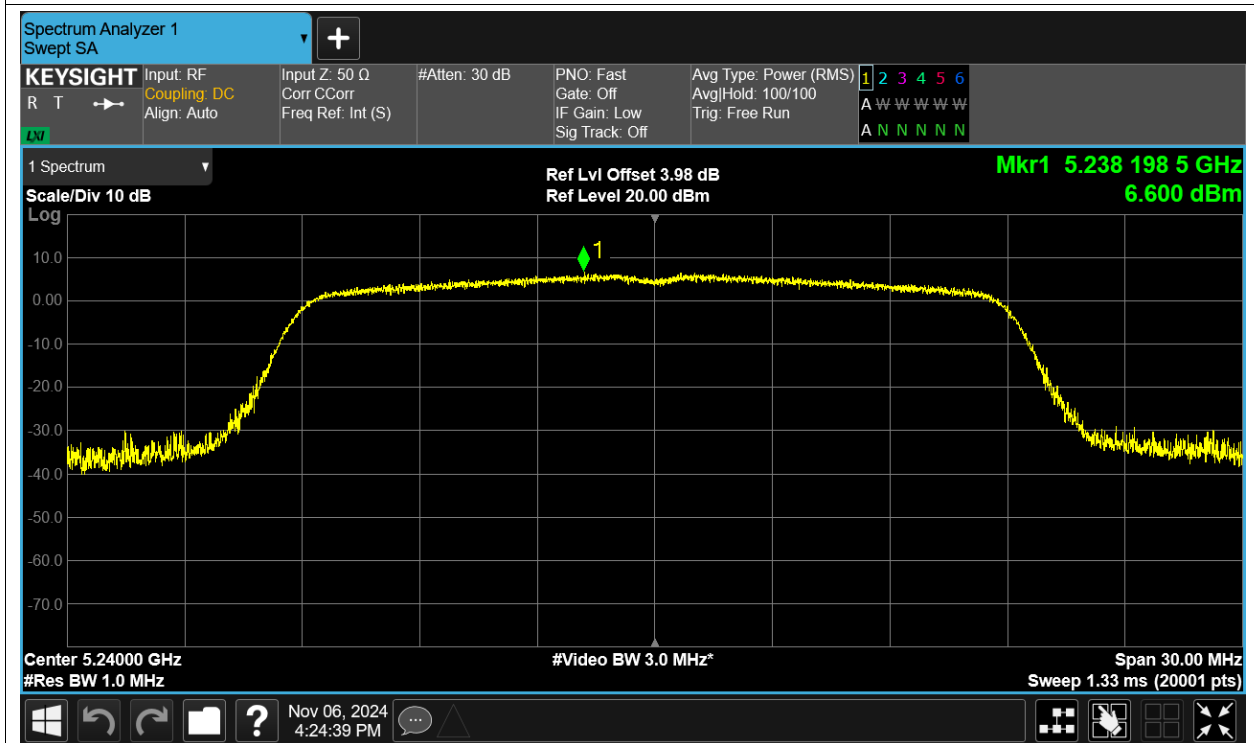
PSD NVNT ac20 5180MHz Ant13



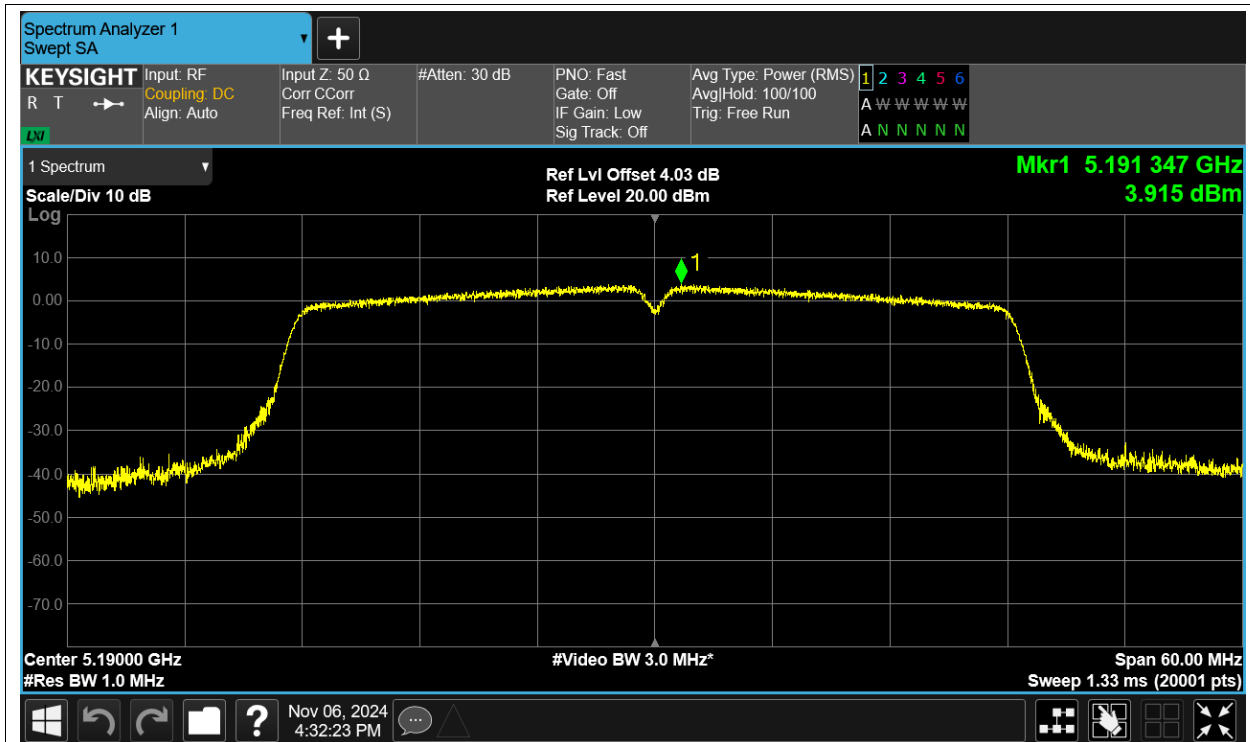
PSD NVNT ac20 5200MHz Ant13



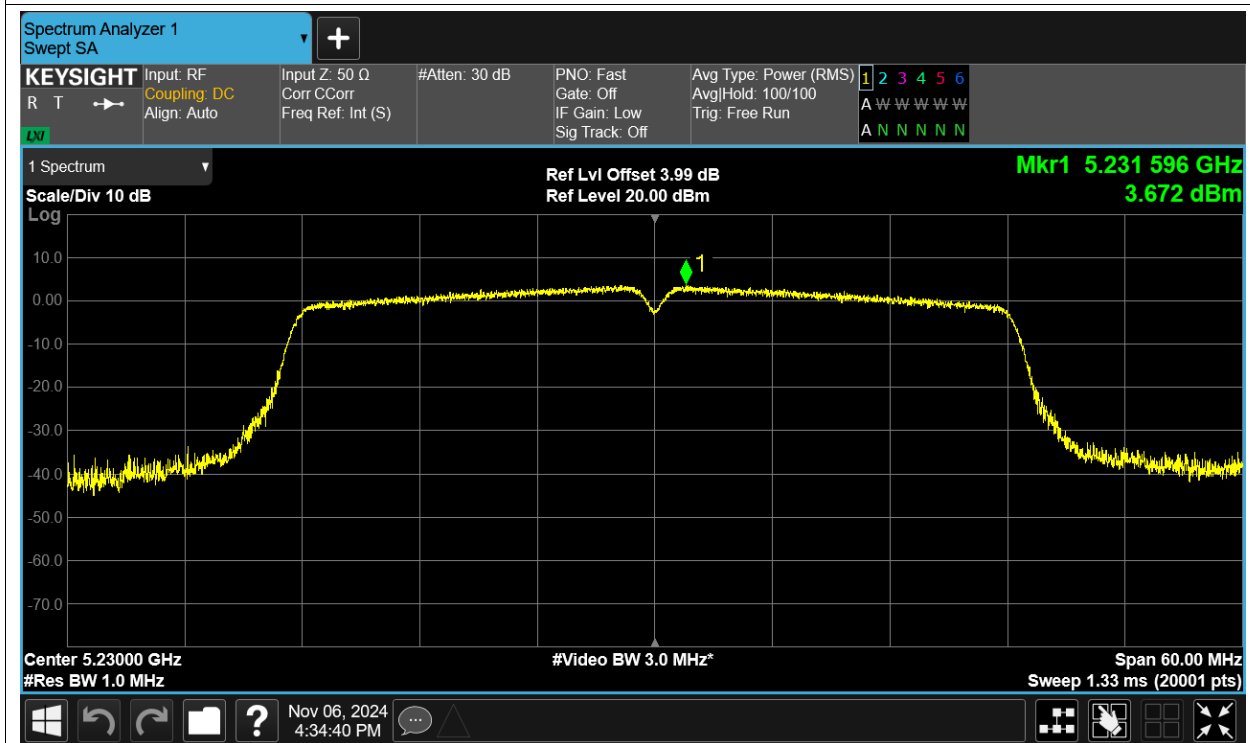
PSD NVNT ac20 5240MHz Ant13



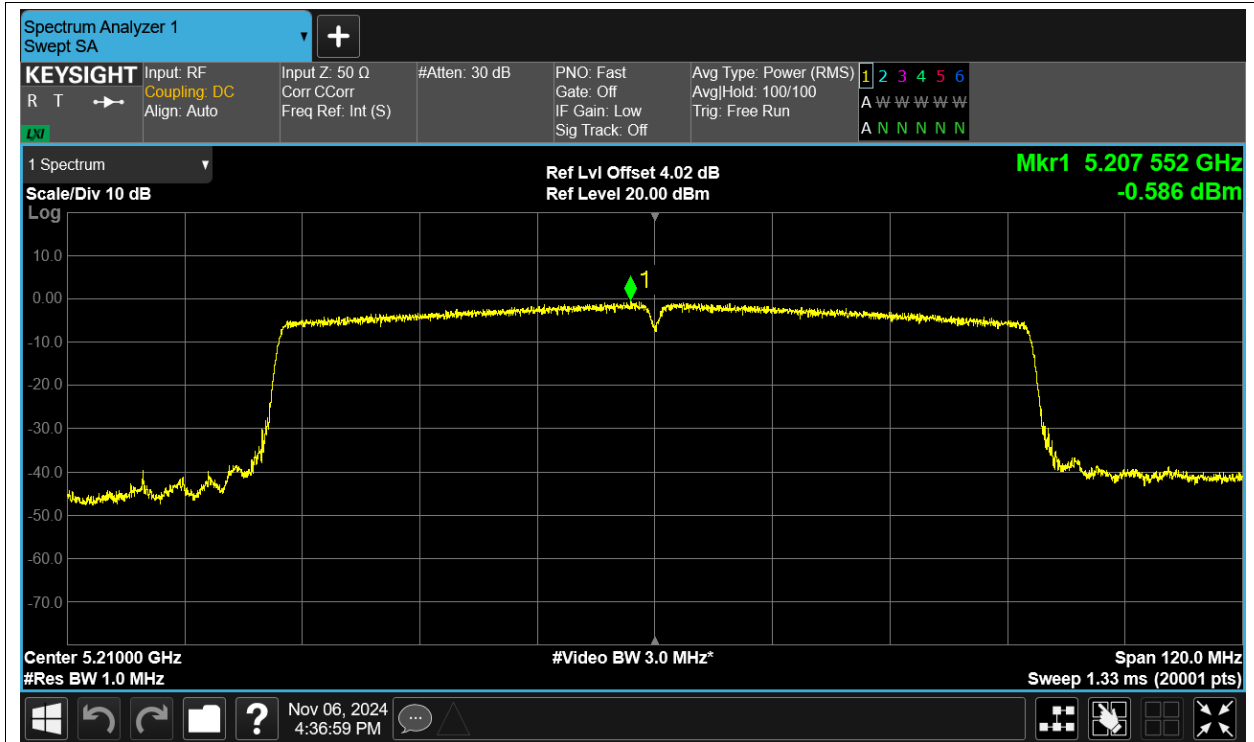
PSD NVNT ac40 5190MHz Ant13



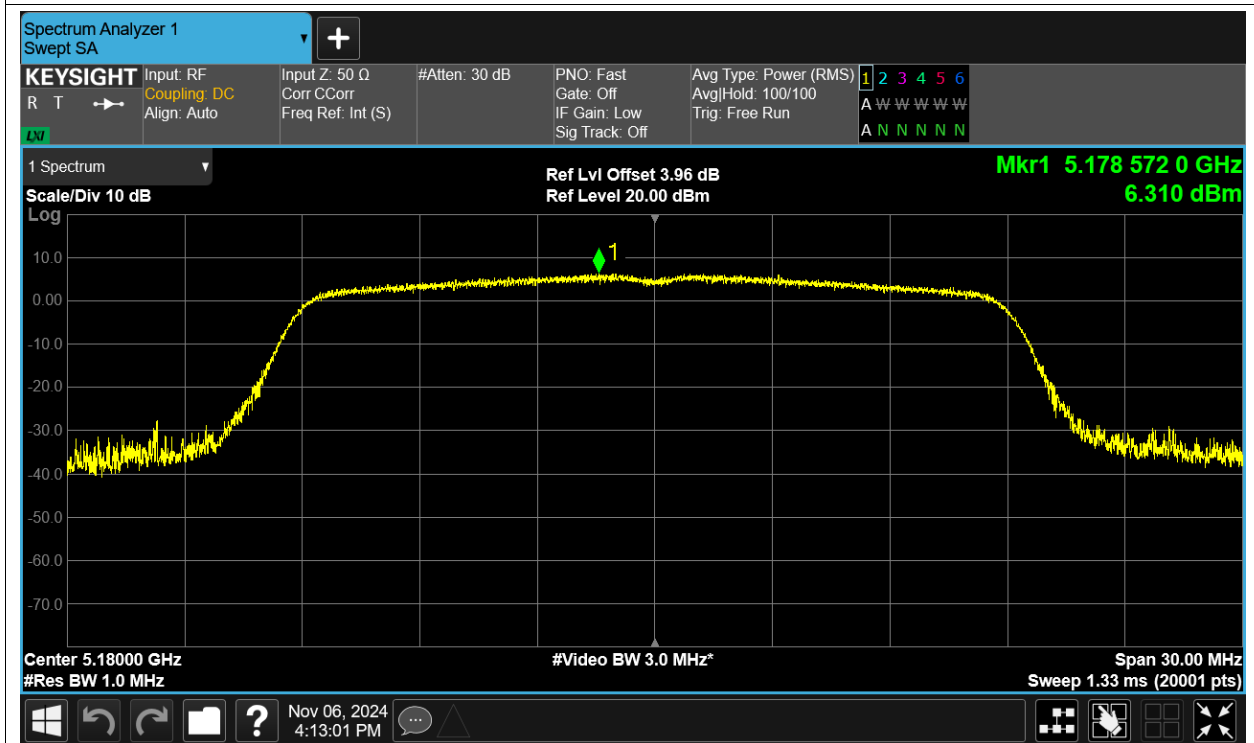
PSD NVNT ac40 5230MHz Ant13



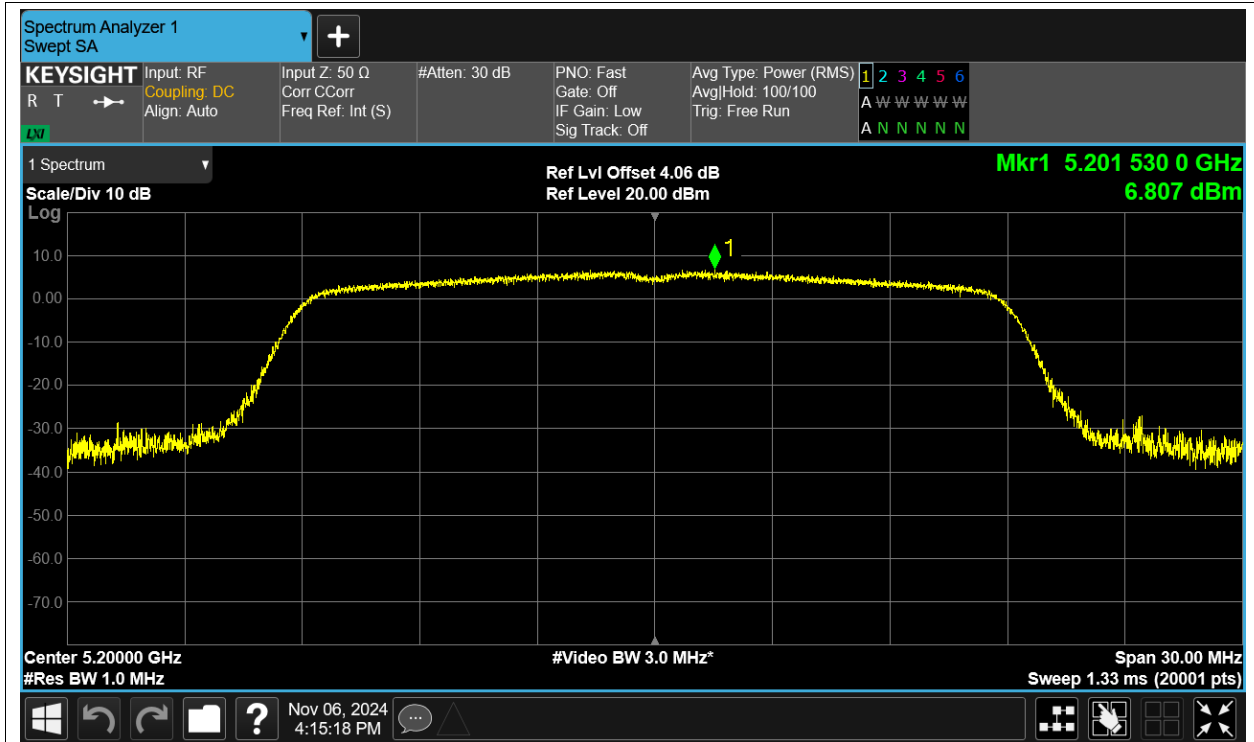
PSD NVNT ac80 5210MHz Ant13



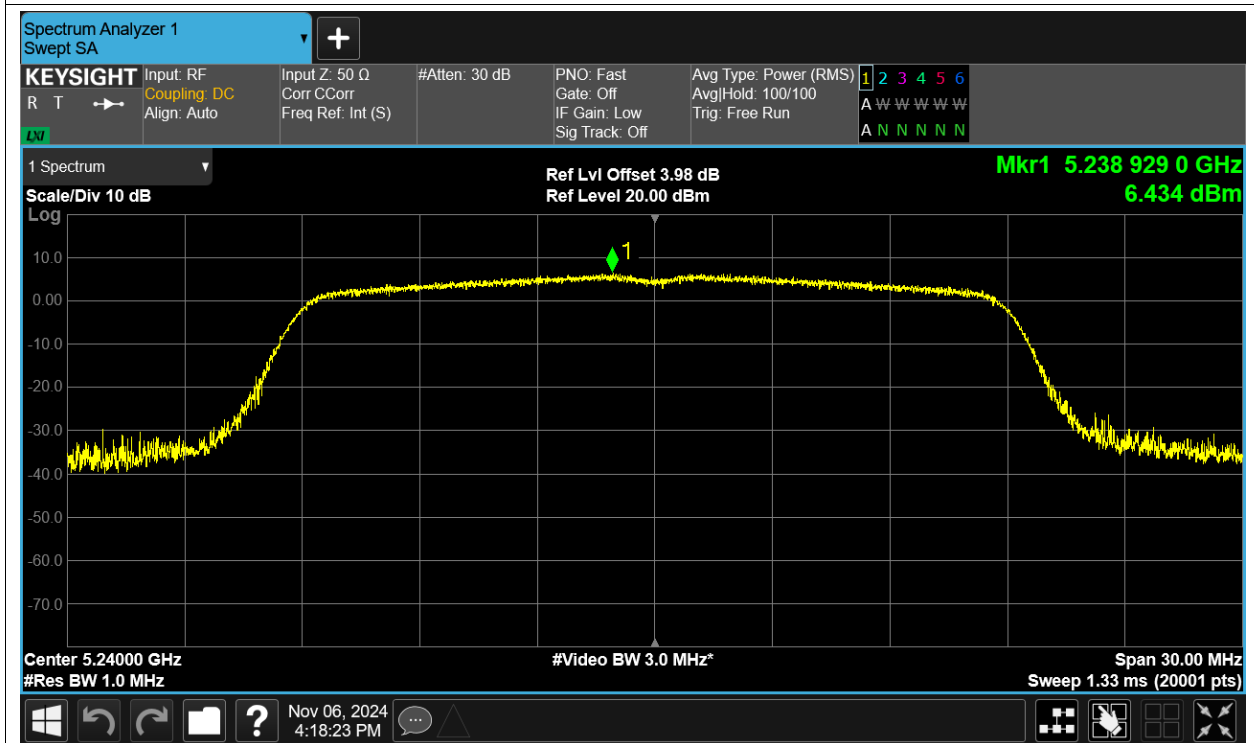
PSD NVNT n20 5180MHz Ant13



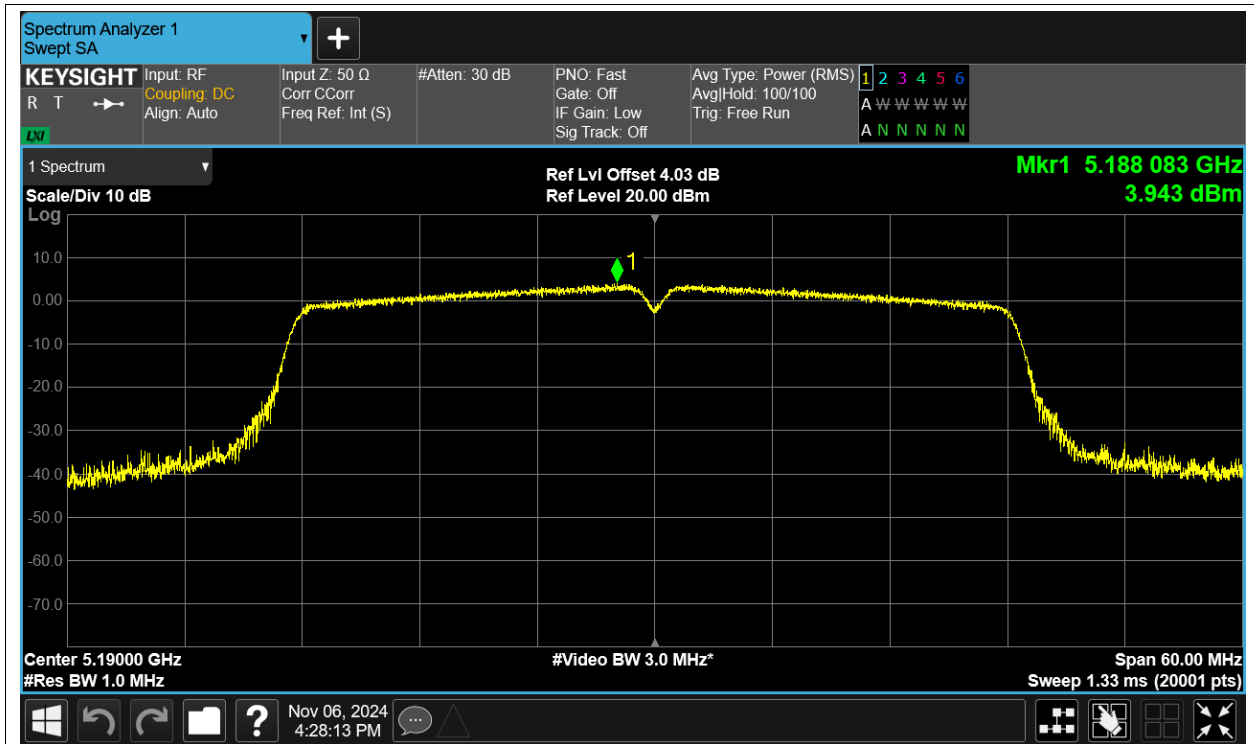
PSD NVNT n20 5200MHz Ant13



PSD NVNT n20 5240MHz Ant13



PSD NVNT n40 5190MHz Ant13



PSD NVNT n40 5230MHz Ant13

