

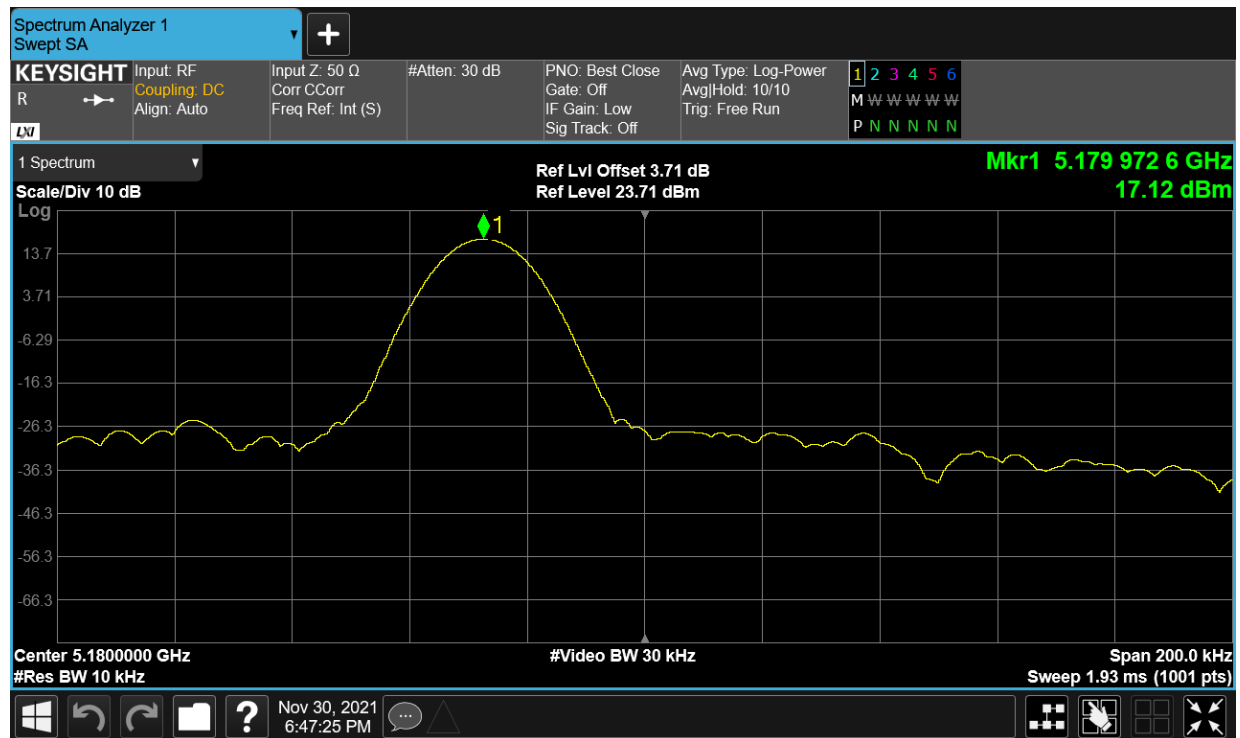
Test Data

Frequency Stability

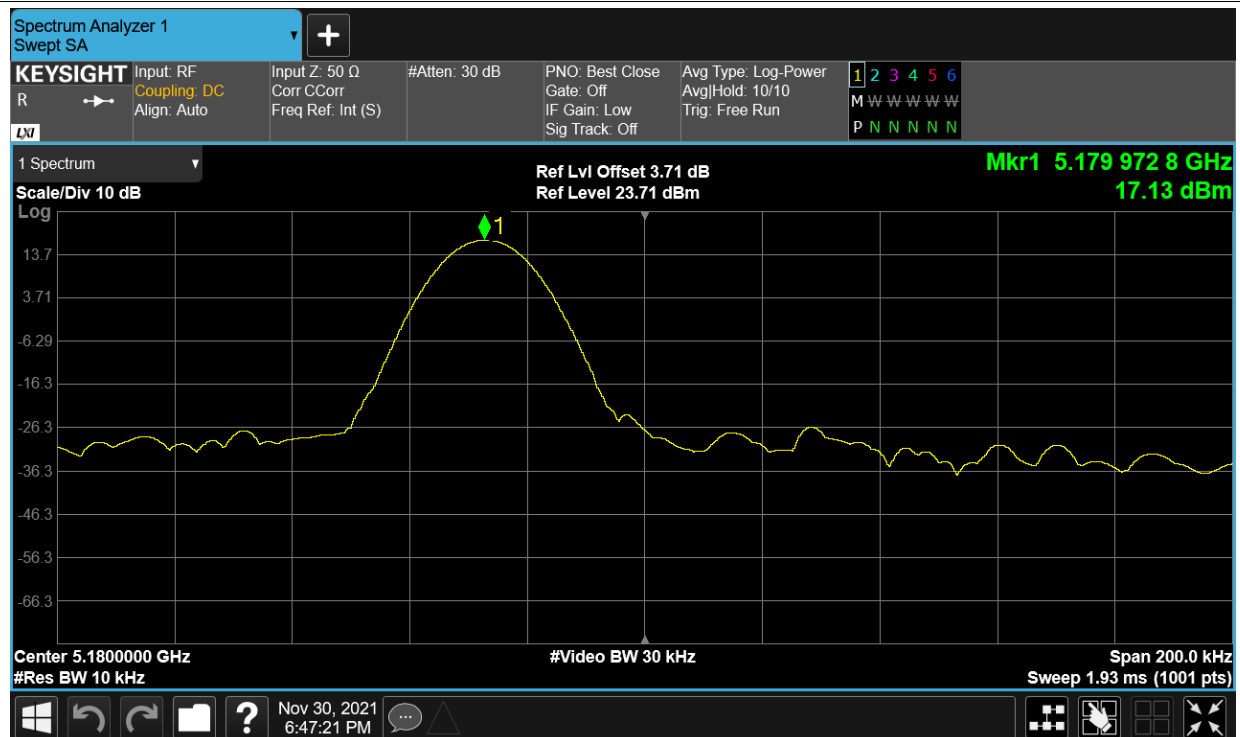
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9726	-5.29	25	Pass
LVNT	a	5180	Ant1	5179.9728	-5.25	25	Pass
NVHT	a	5180	Ant1	5179.9732	-5.17	25	Pass
NVLT	a	5180	Ant1	5179.9736	-5.1	25	Pass
NVNT	a	5180	Ant1	5179.9742	-4.98	25	Pass
HVNT	ac80	5210	Ant1	5209.9708	-5.6	25	Pass
LVNT	ac80	5210	Ant1	5209.971	-5.57	25	Pass
NVHT	ac80	5210	Ant1	5209.971	-5.57	25	Pass
NVLT	ac80	5210	Ant1	5209.9712	-5.53	25	Pass
NVNT	ac80	5210	Ant1	5209.9716	-5.45	25	Pass
HVNT	n40	5190	Ant1	5189.9712	-5.55	25	Pass
LVNT	n40	5190	Ant1	5189.9714	-5.51	25	Pass
NVHT	n40	5190	Ant1	5189.9714	-5.51	25	Pass
NVLT	n40	5190	Ant1	5189.9718	-5.43	25	Pass
NVNT	n40	5190	Ant1	5189.972	-5.39	25	Pass

Test Graphs

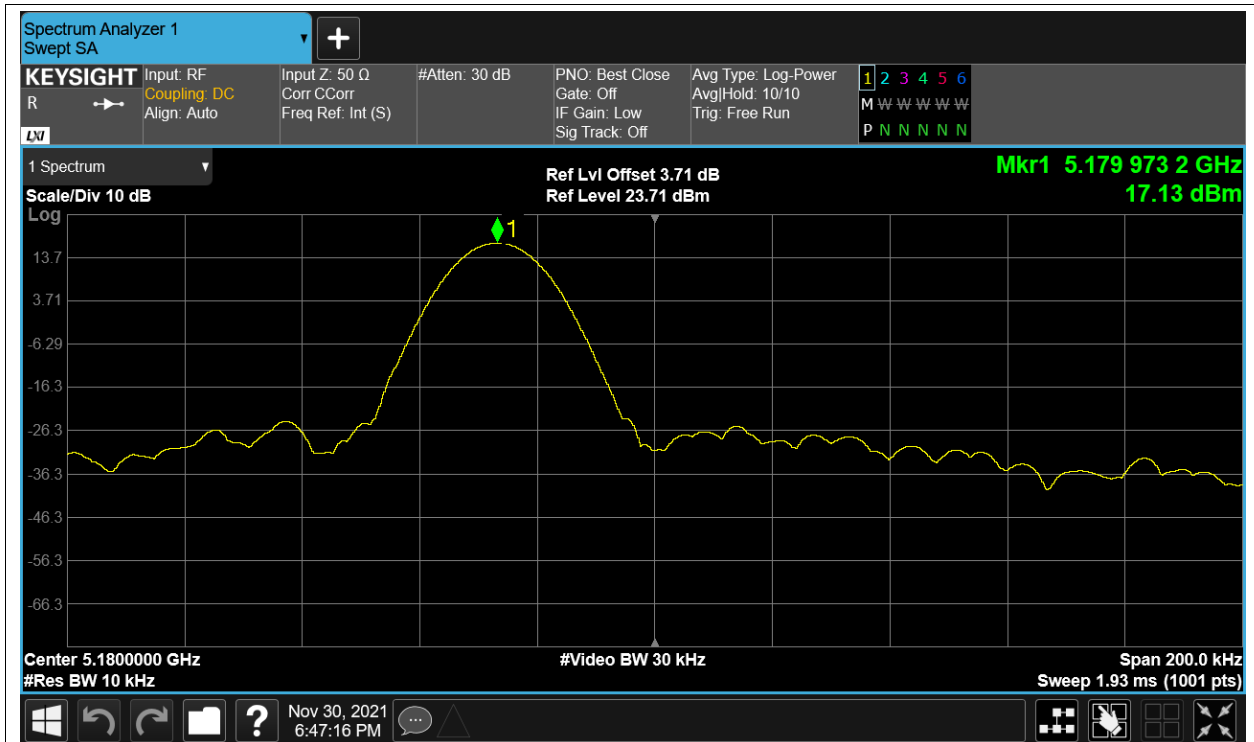
Freq. Stability HVNT a 5180MHz Ant1



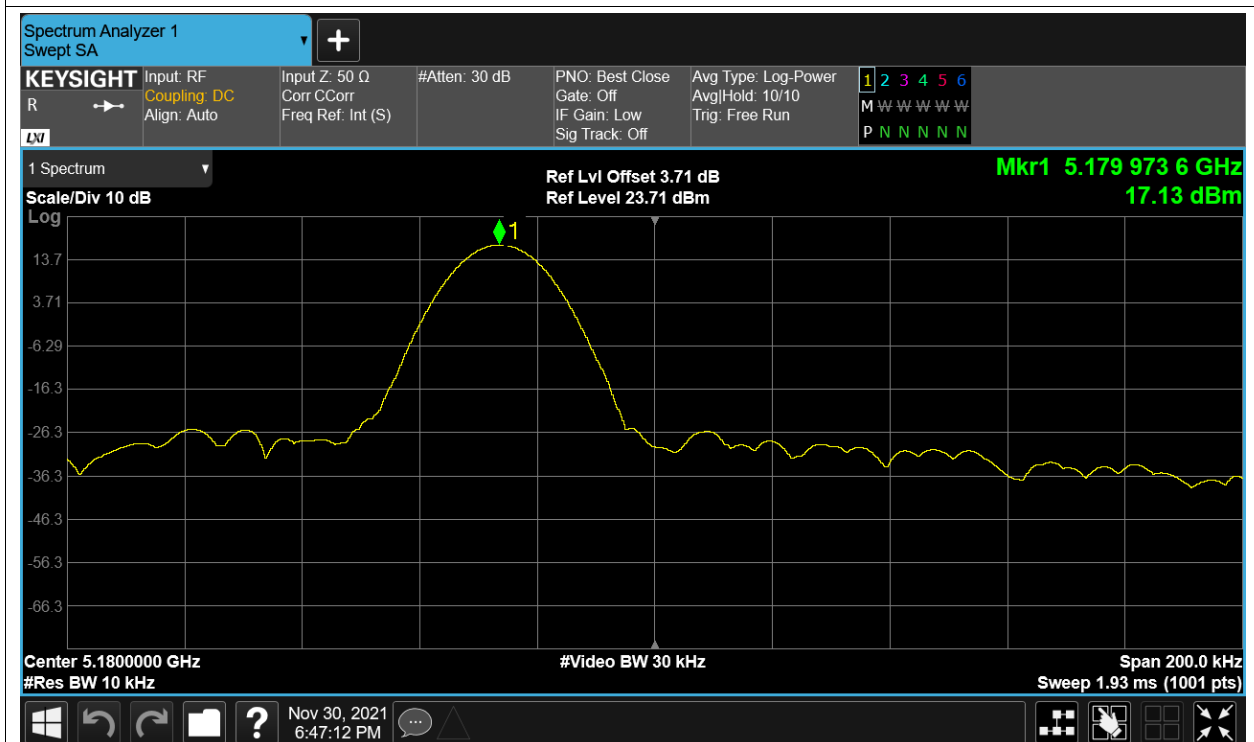
Freq. Stability LVNT a 5180MHz Ant1



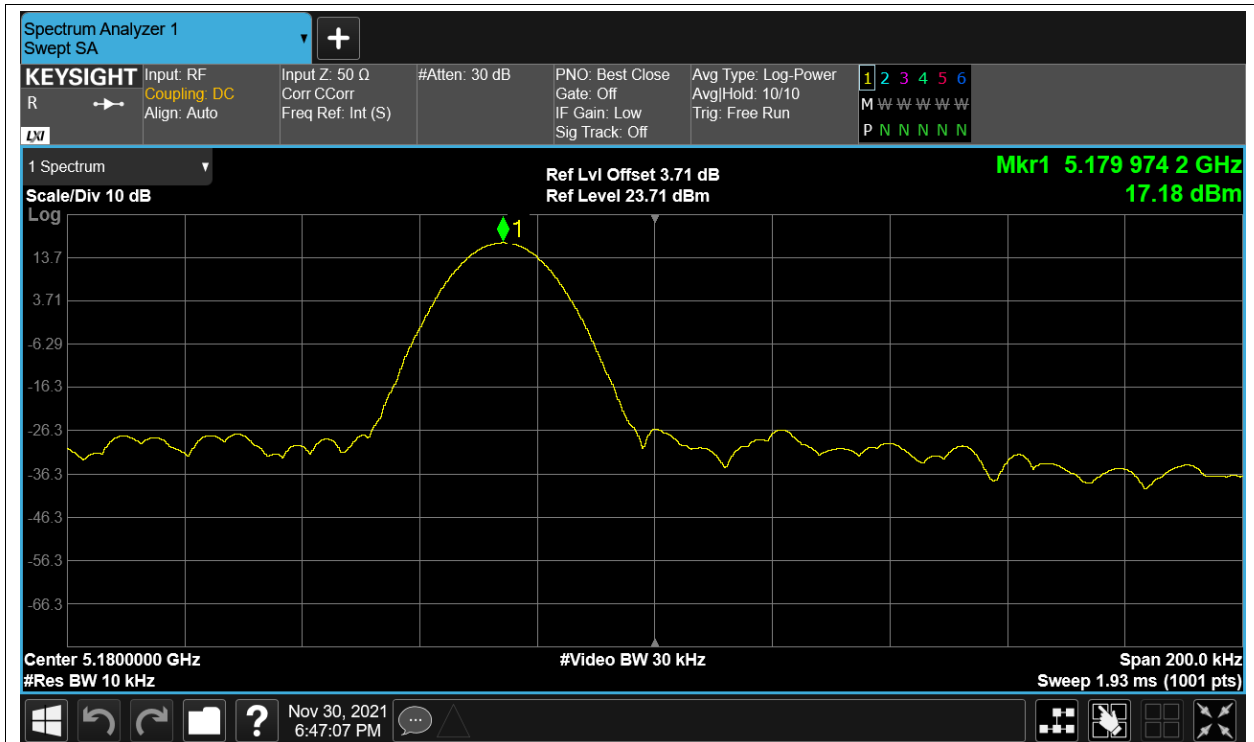
Freq. Stability NVHT a 5180MHz Ant1



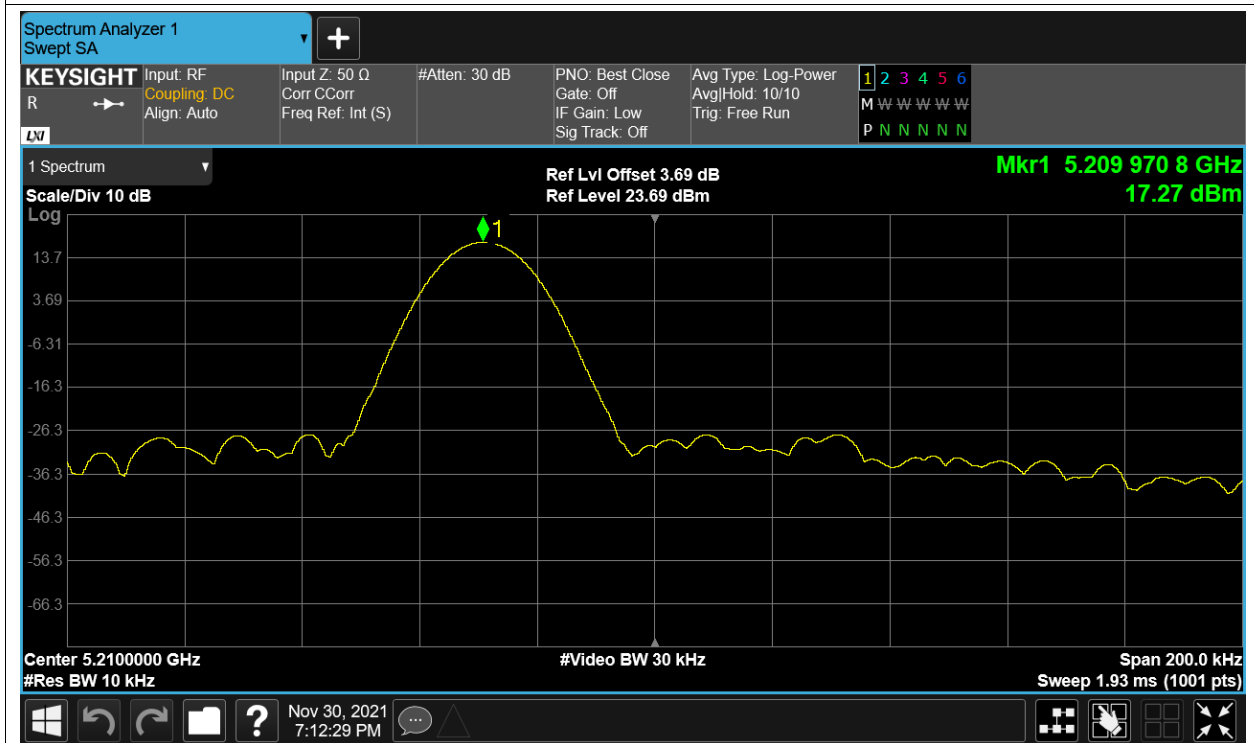
Freq. Stability NVLT a 5180MHz Ant1



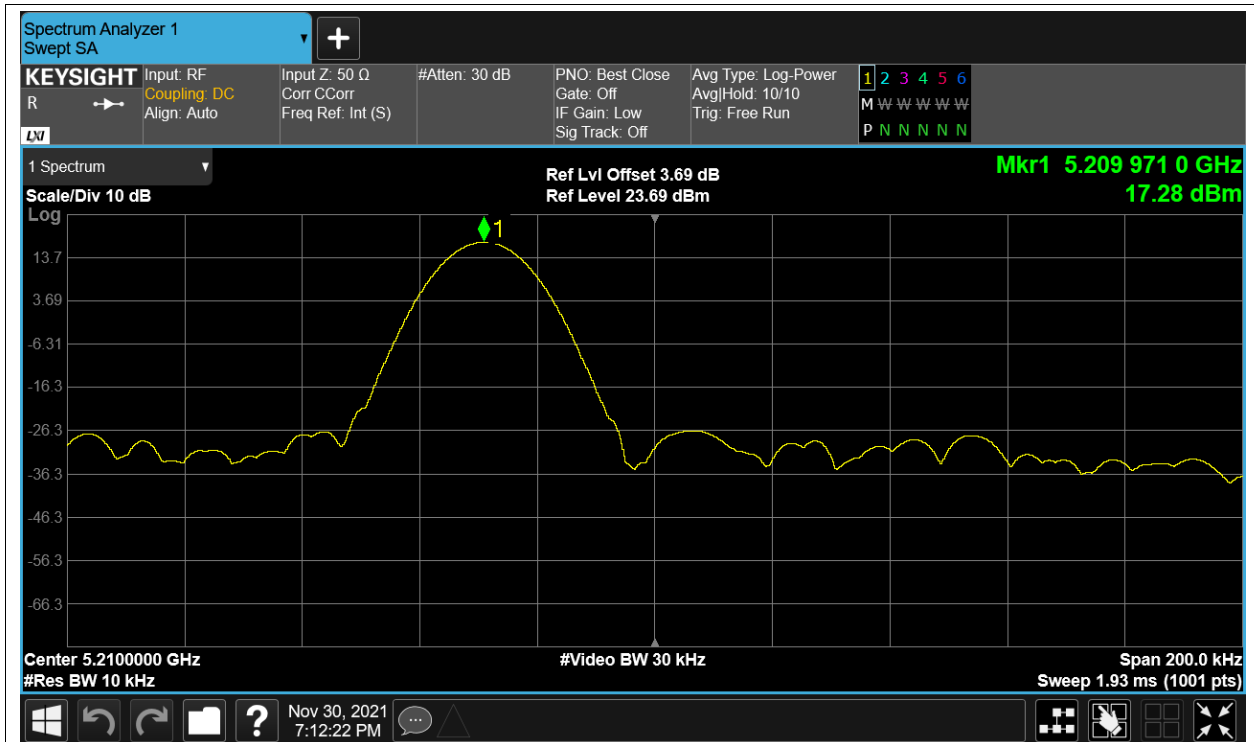
Freq. Stability NVNT a 5180MHz Ant1



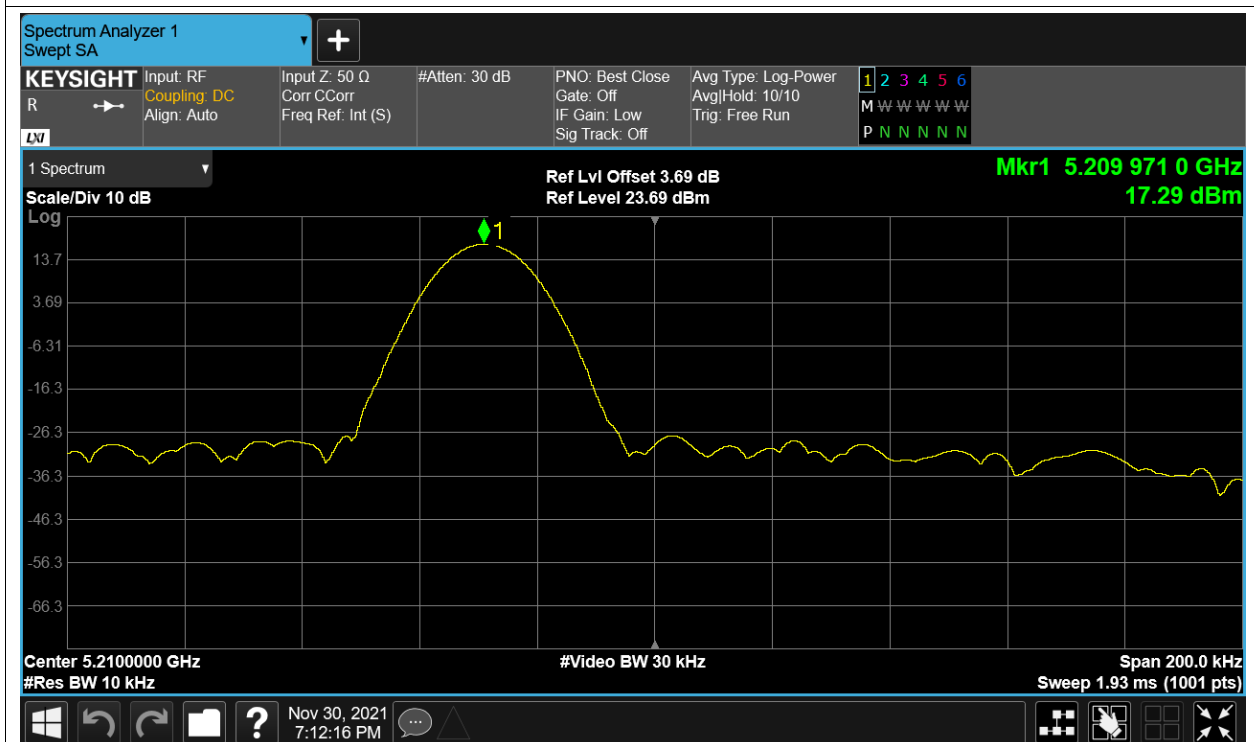
Freq. Stability HVNT ac80 5210MHz Ant1



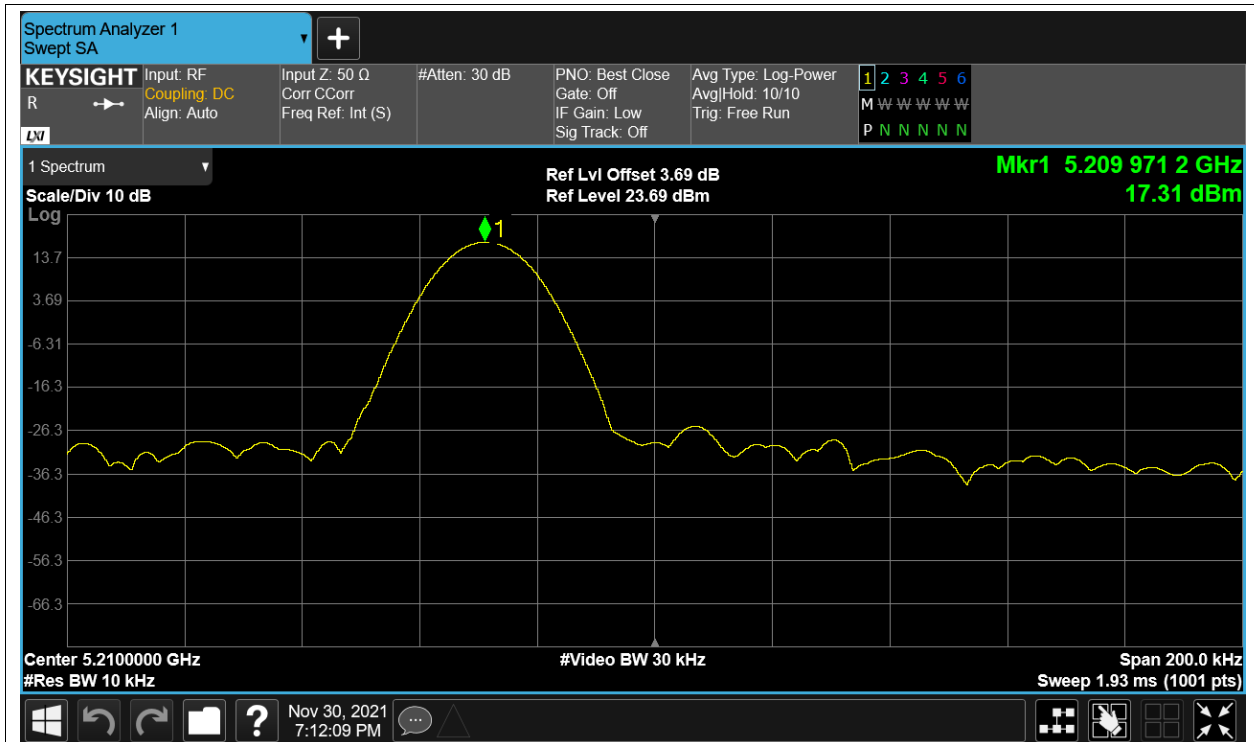
Freq. Stability LVNT ac80 5210MHz Ant1



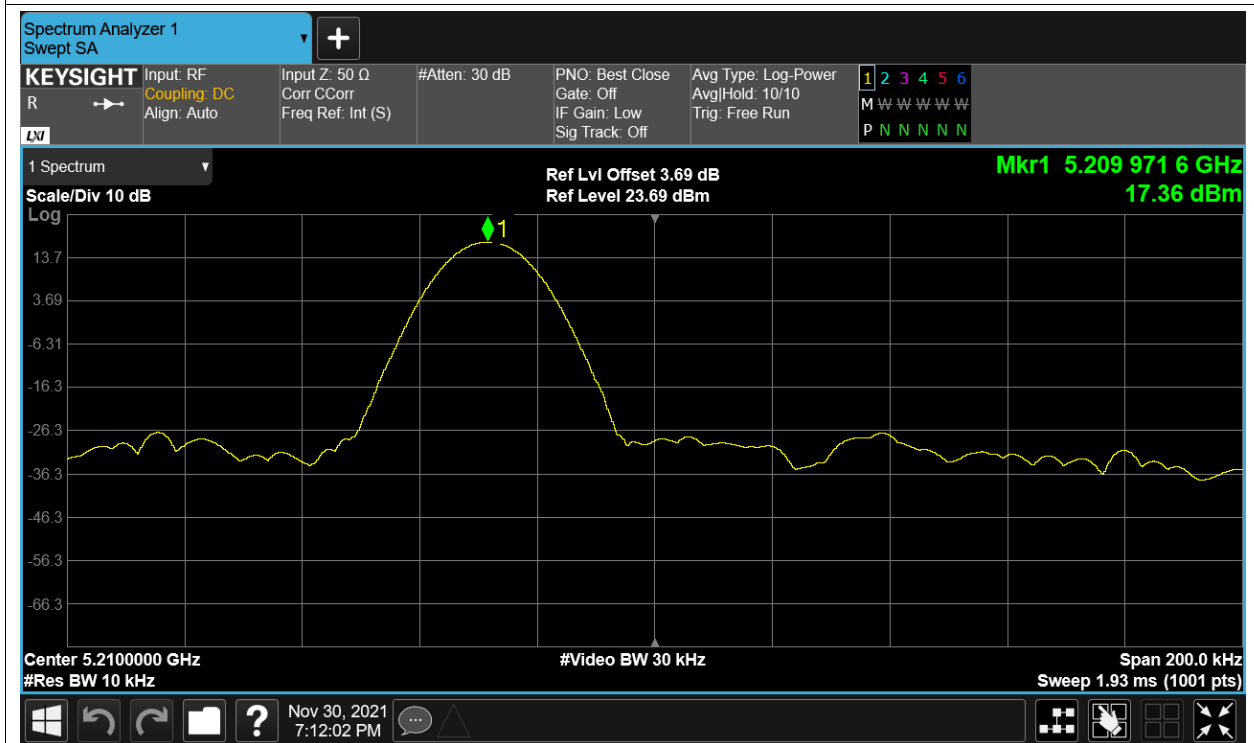
Freq. Stability NVHT ac80 5210MHz Ant1



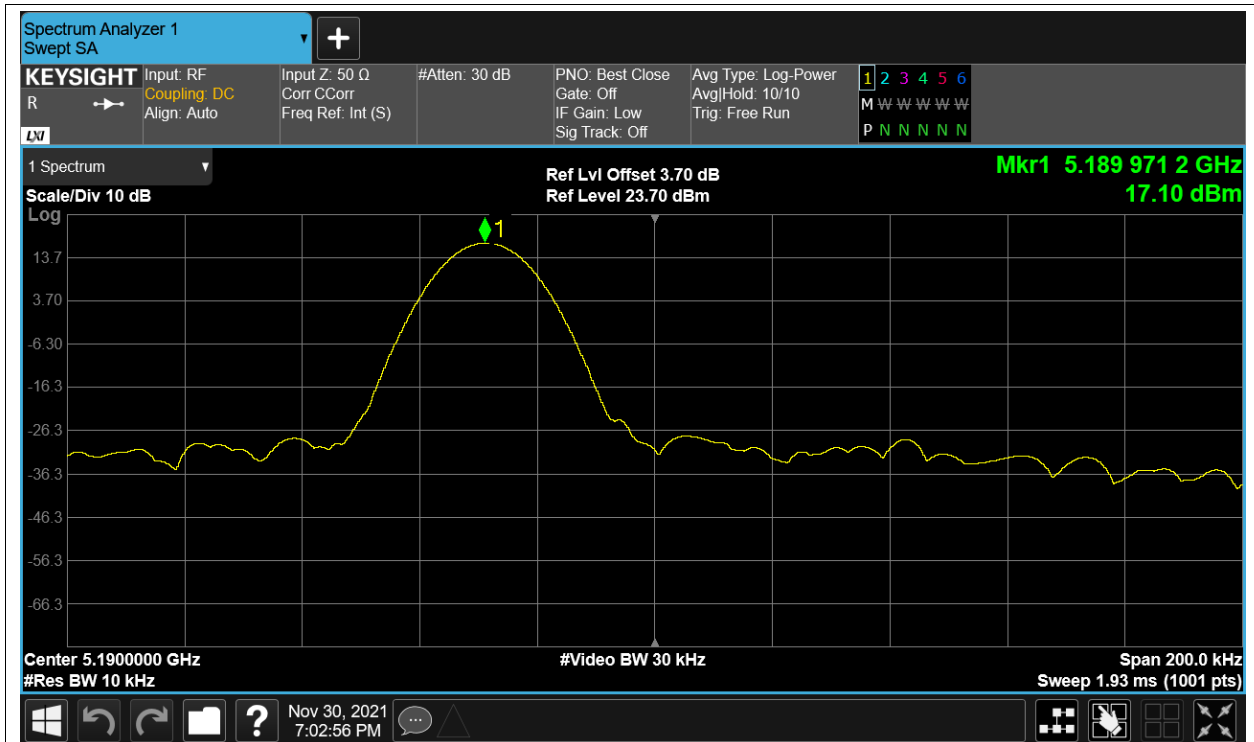
Freq. Stability NVLT ac80 5210MHz Ant1



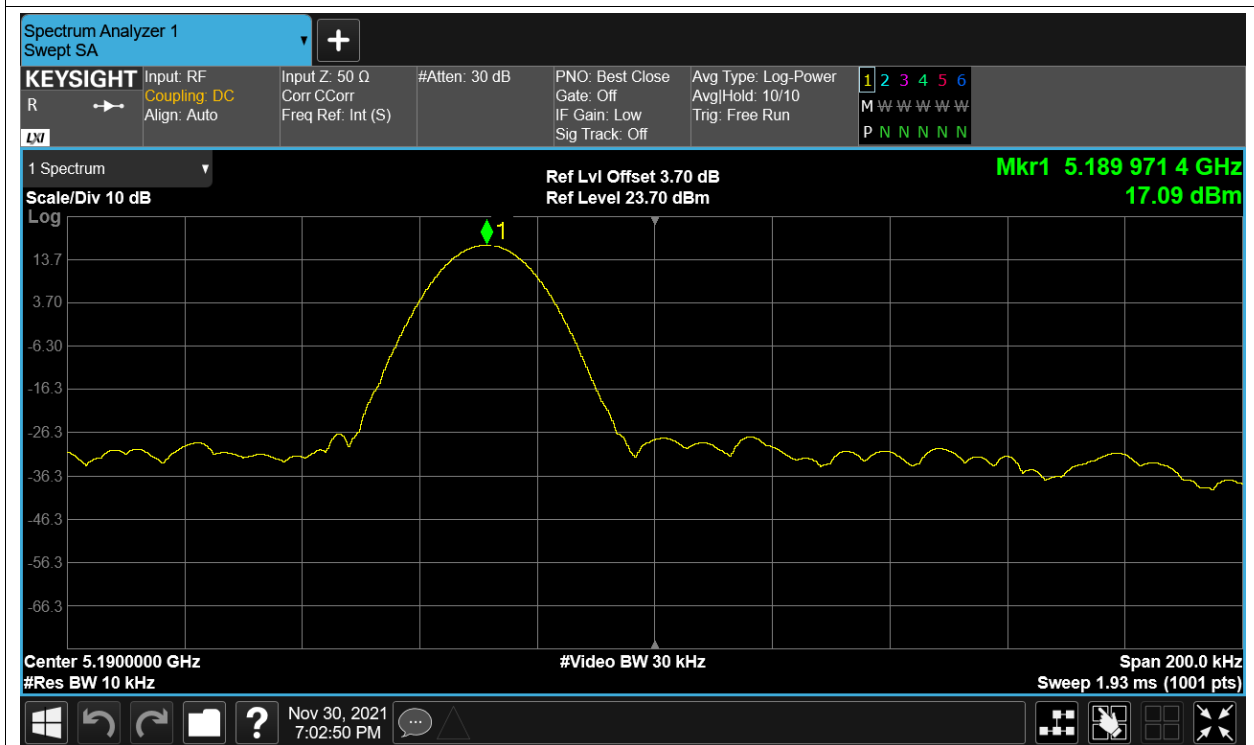
Freq. Stability NVNT ac80 5210MHz Ant1



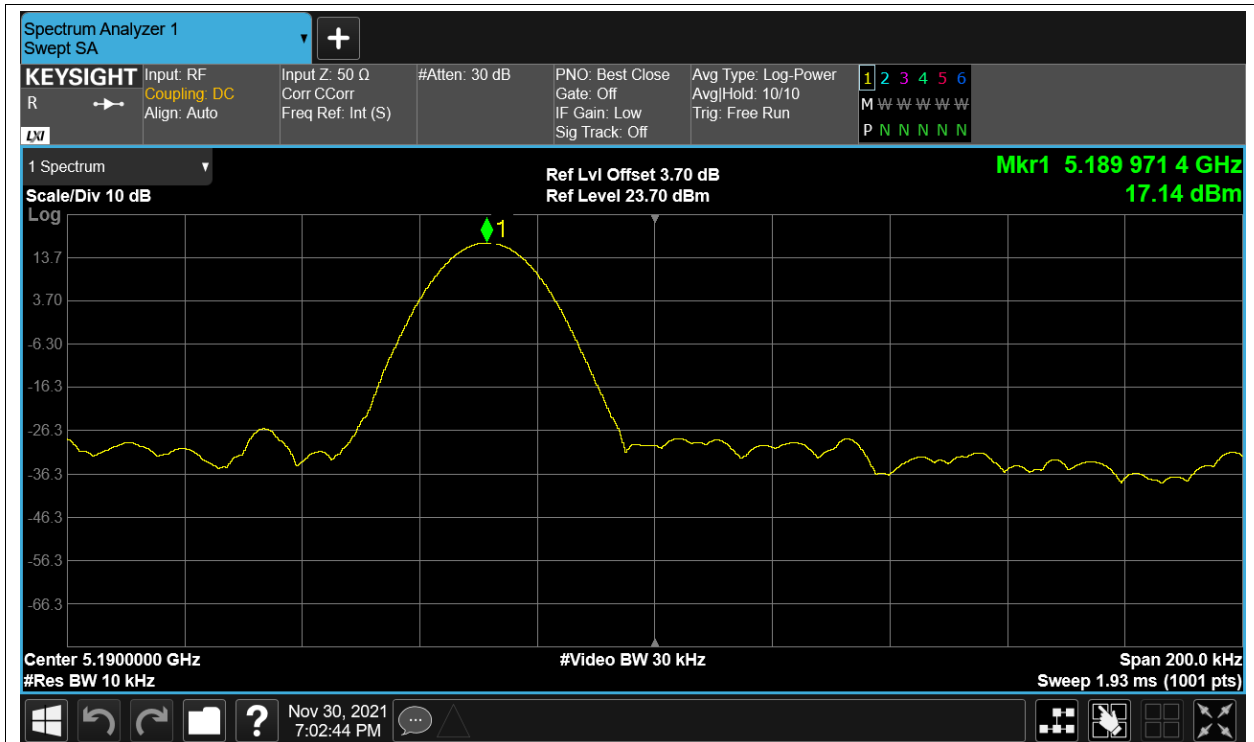
Freq. Stability HVNT n40 5190MHz Ant1



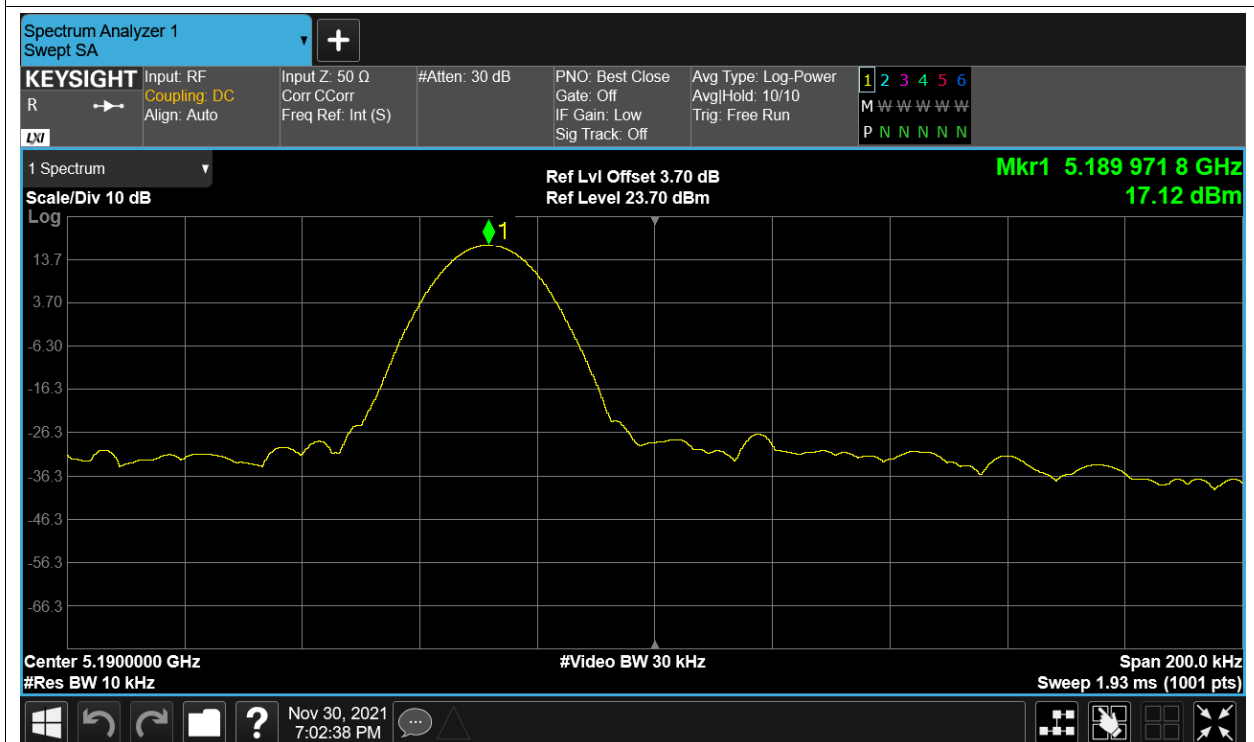
Freq. Stability LVNT n40 5190MHz Ant1



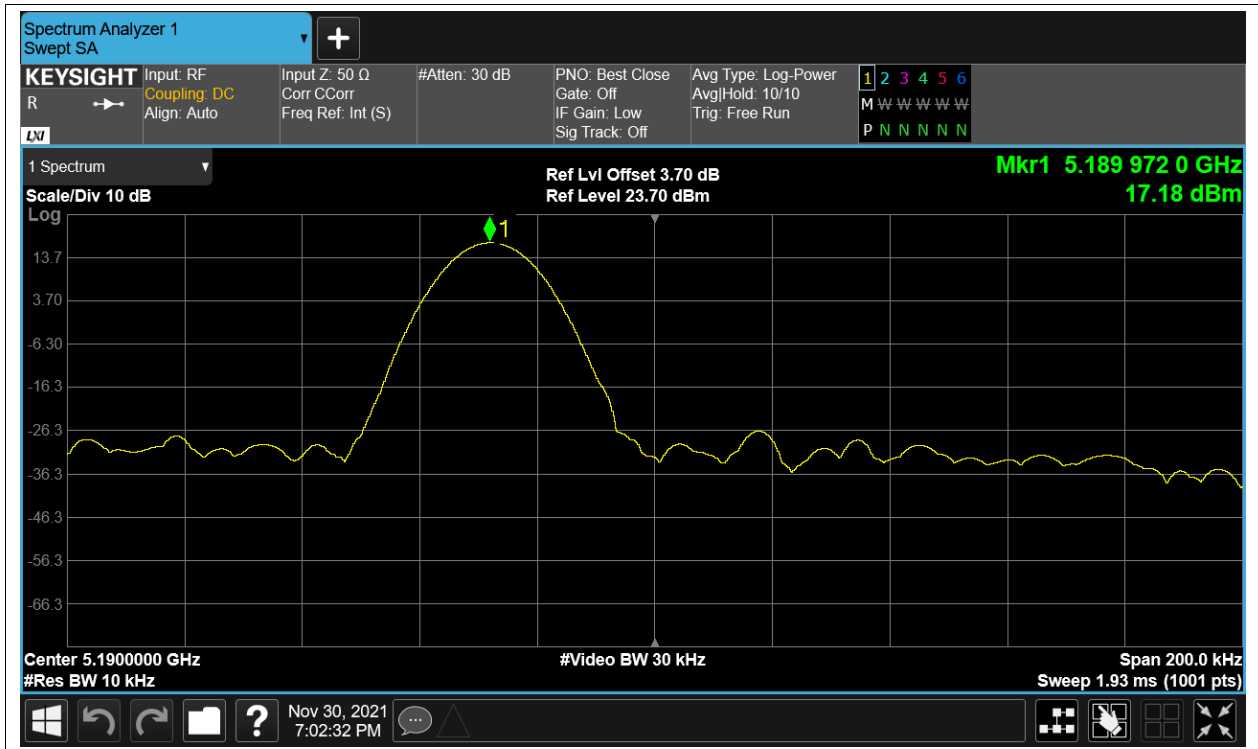
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1

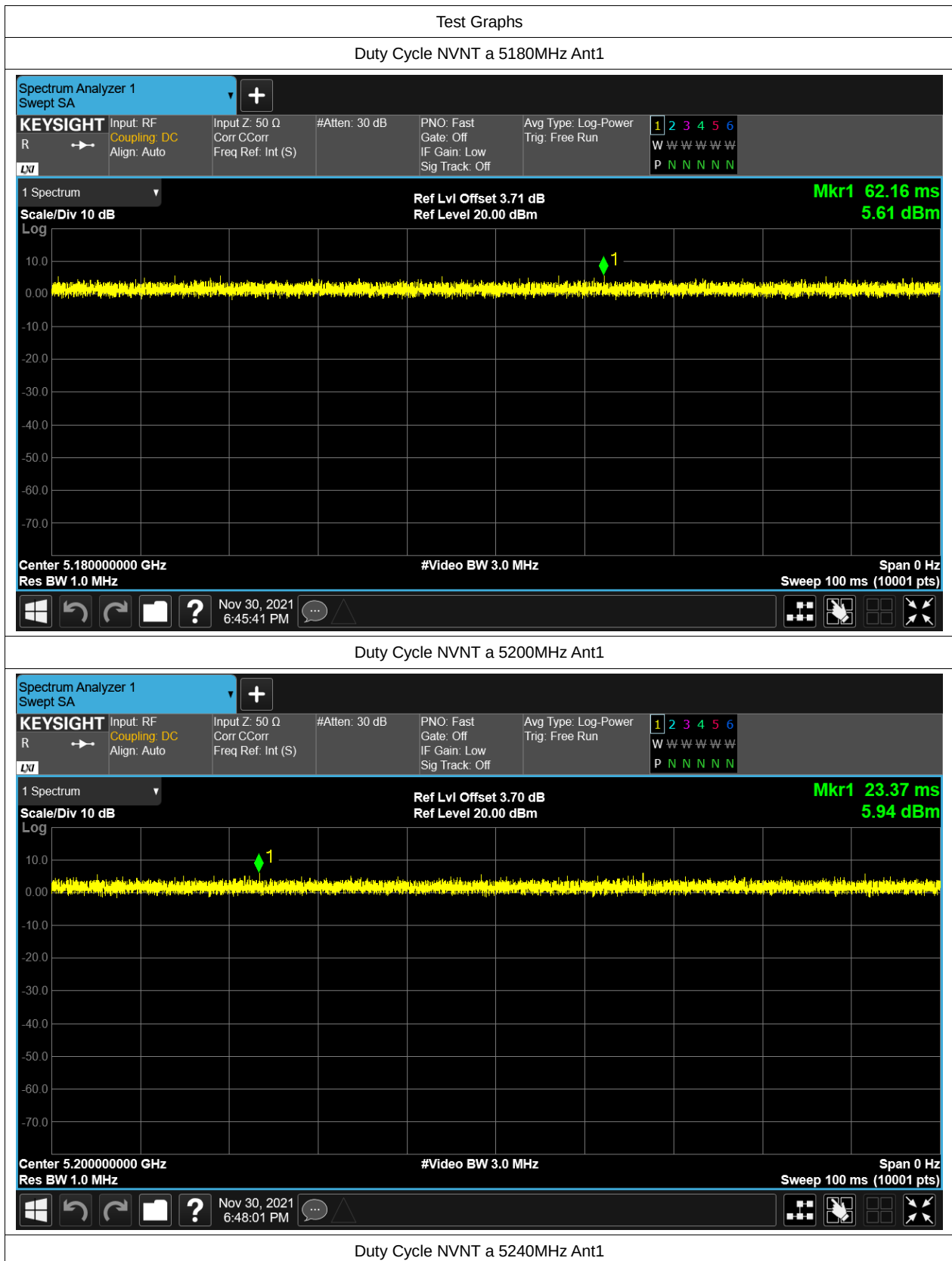


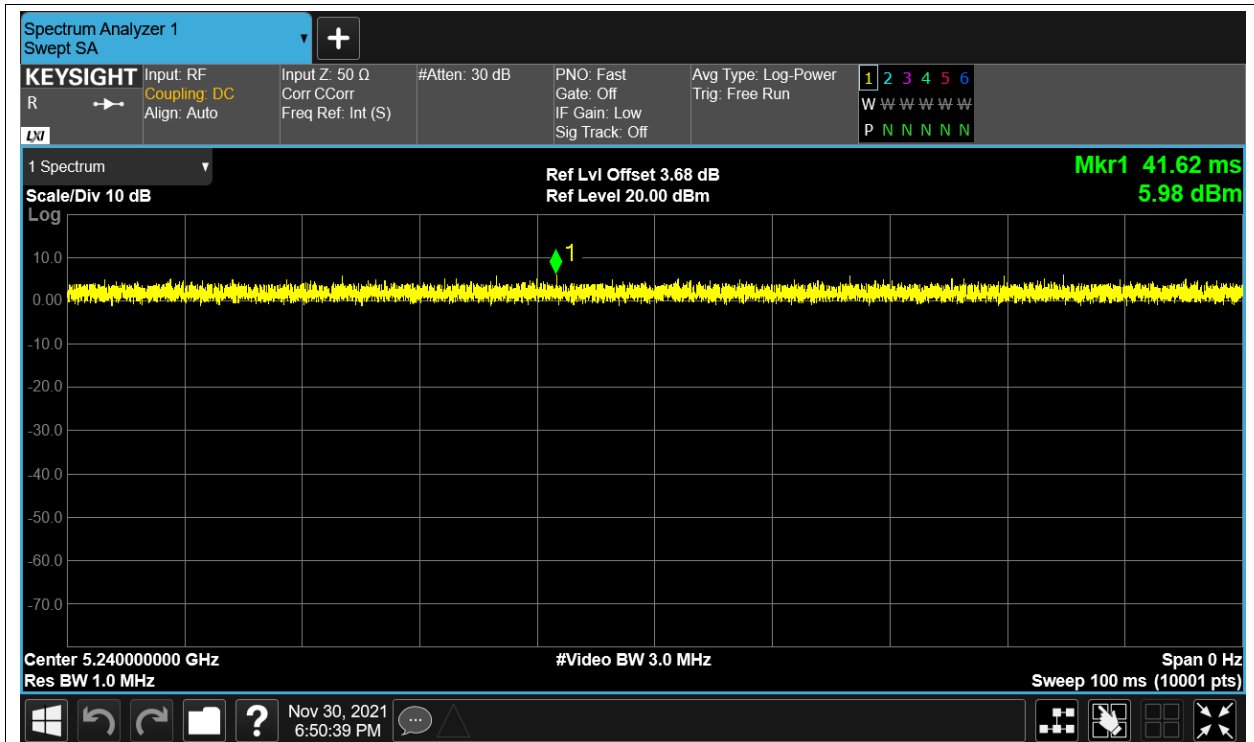
Freq. Stability NVNT n40 5190MHz Ant1



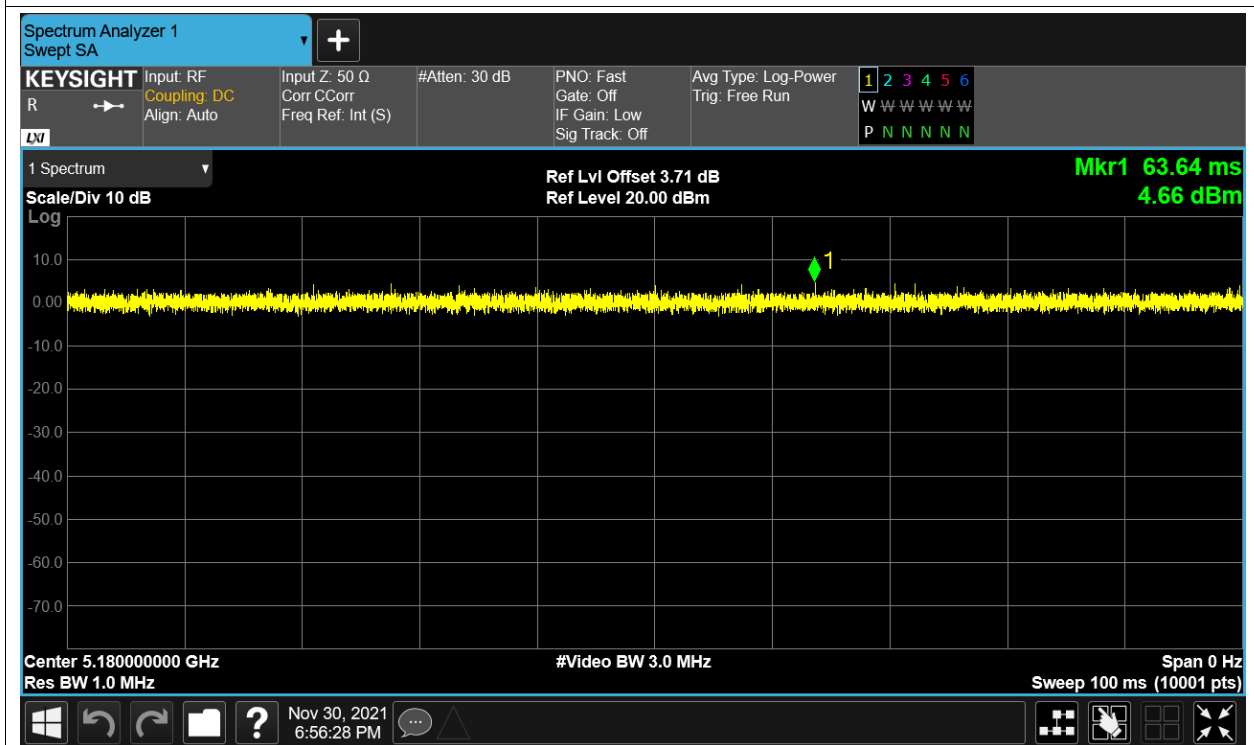
Duty Cycle

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

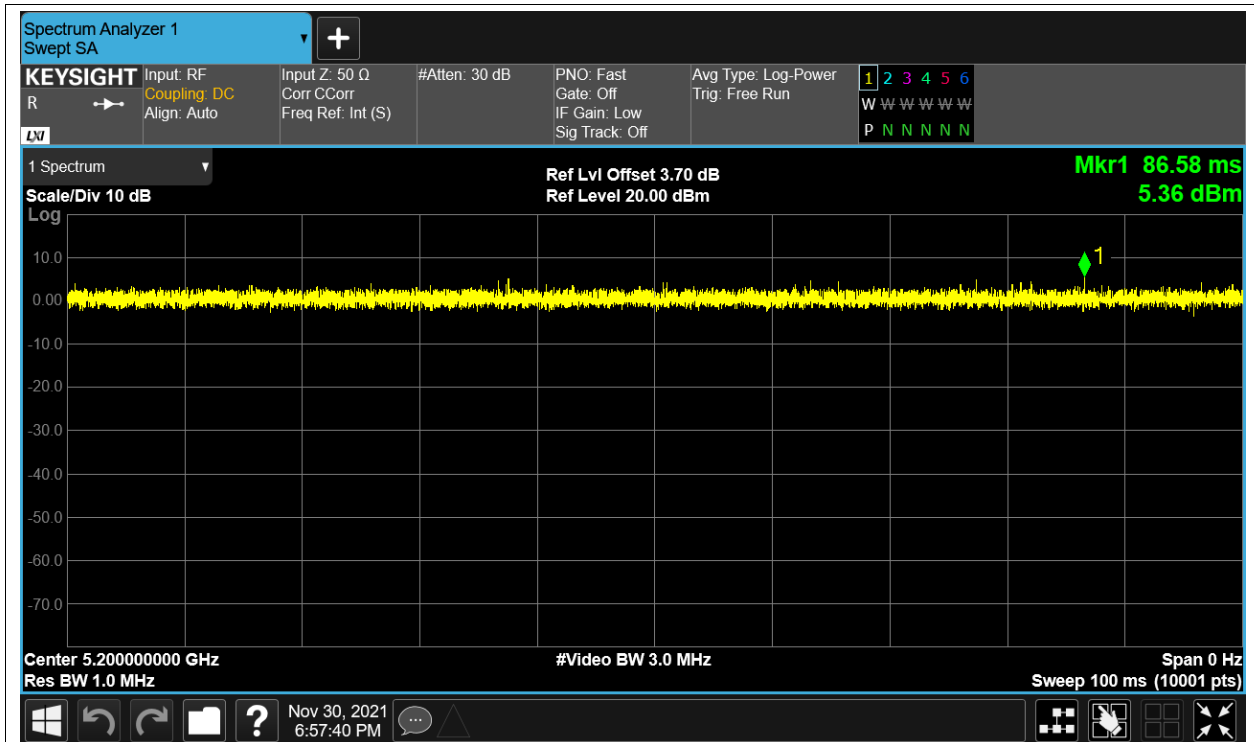




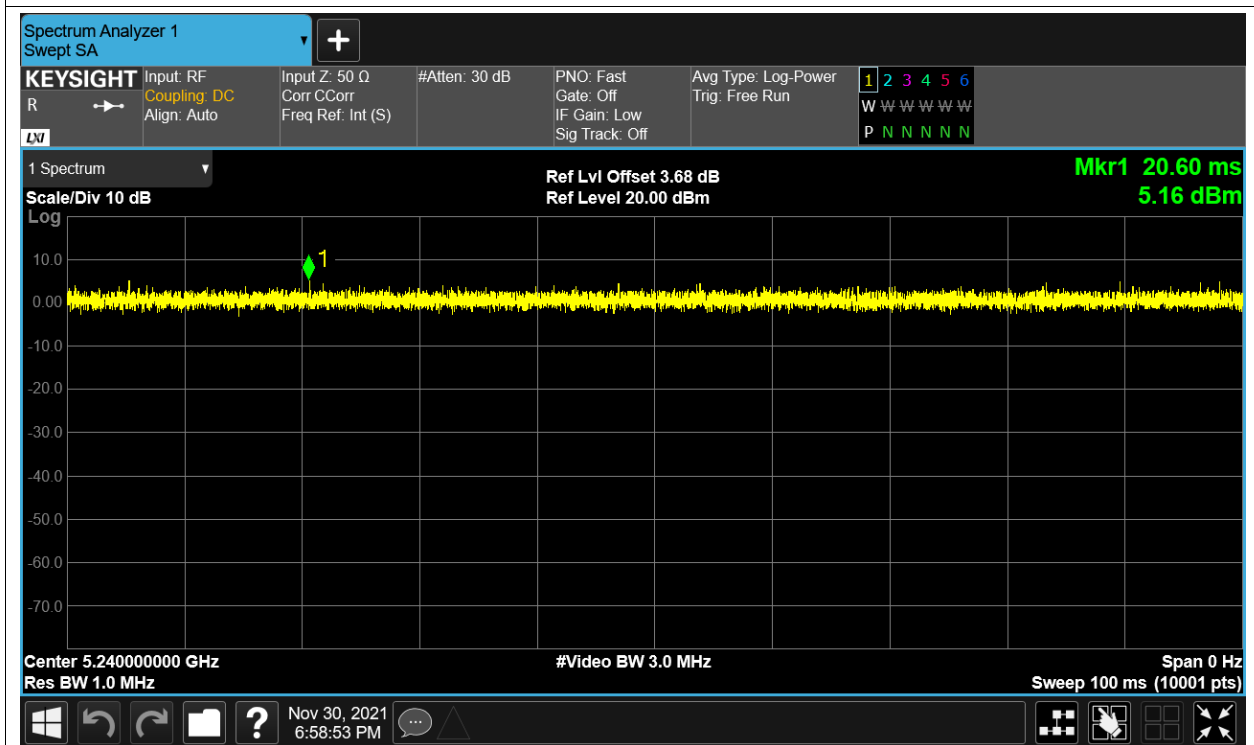
Duty Cycle NVNT ac20 5180MHz Ant1



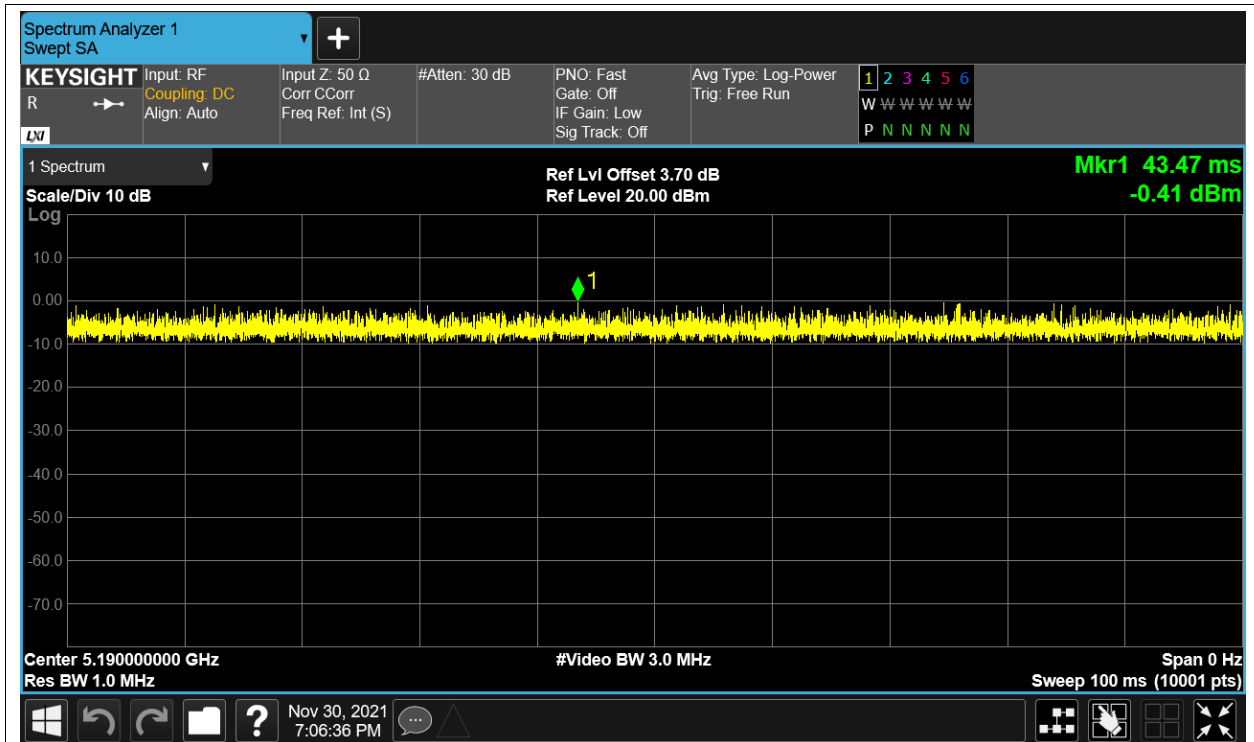
Duty Cycle NVNT ac20 5200MHz Ant1



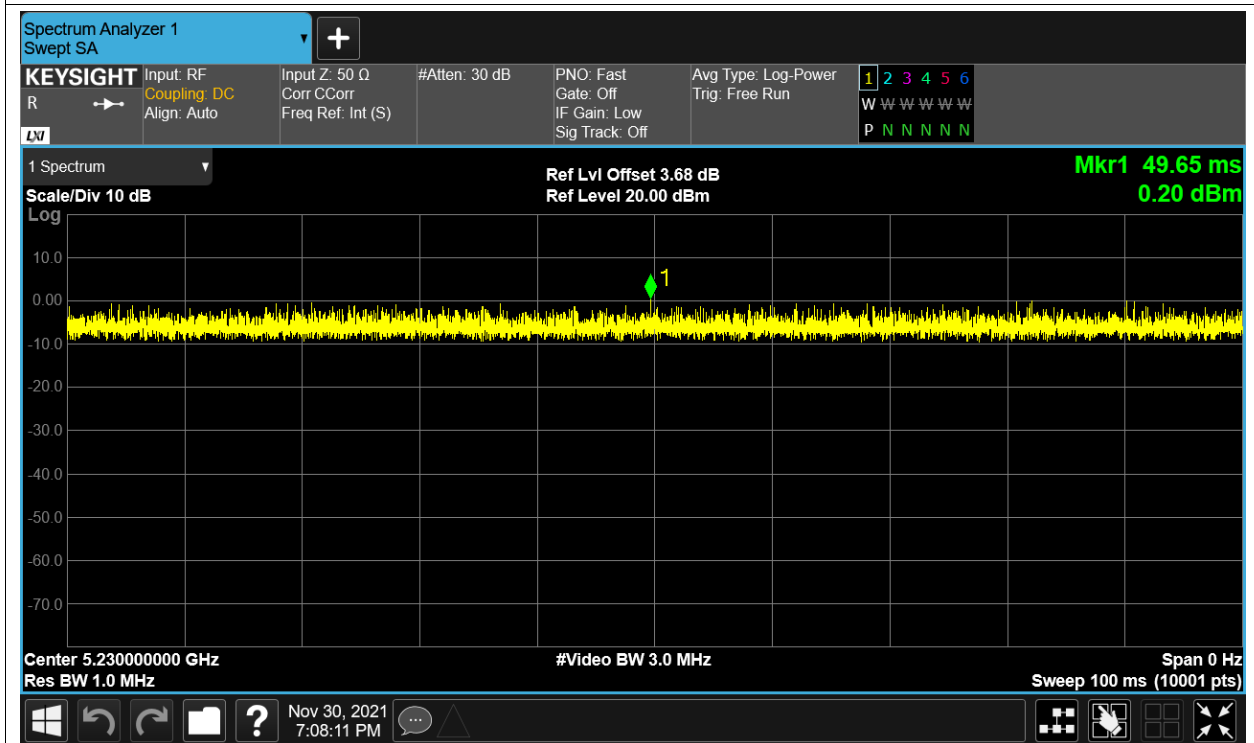
Duty Cycle NVNT ac20 5240MHz Ant1



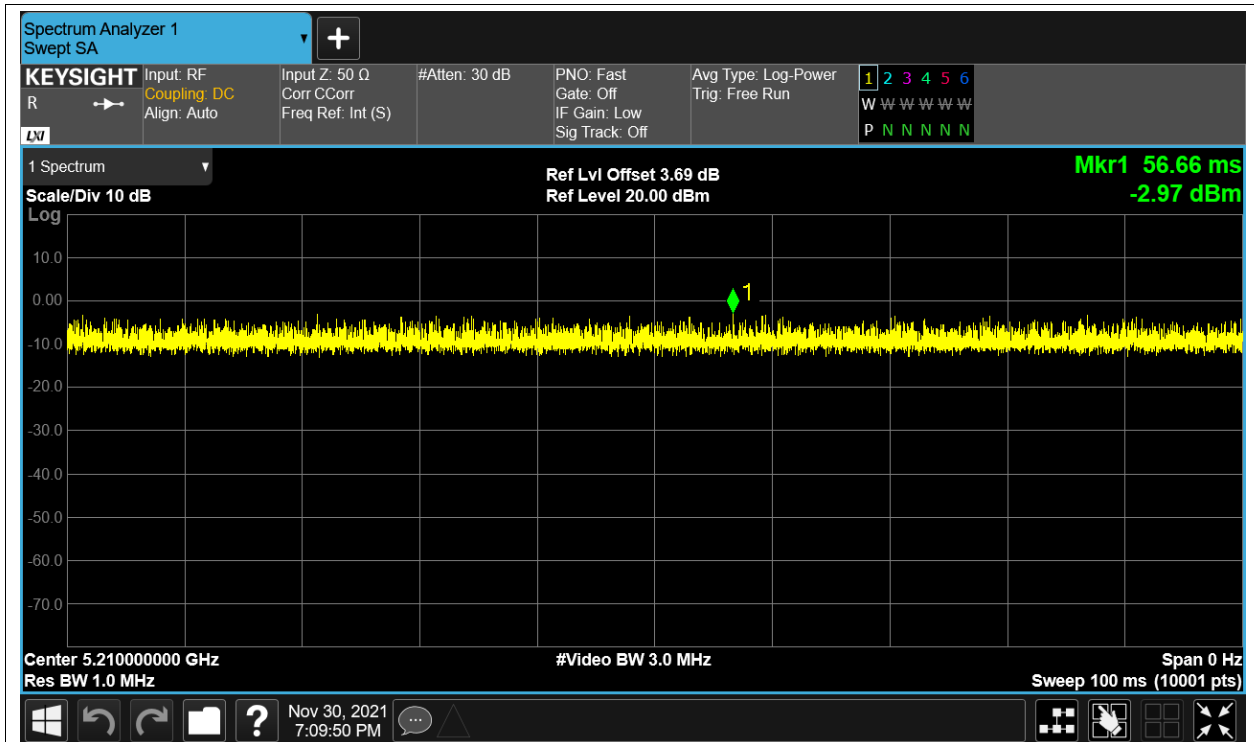
Duty Cycle NVNT ac40 5190MHz Ant1



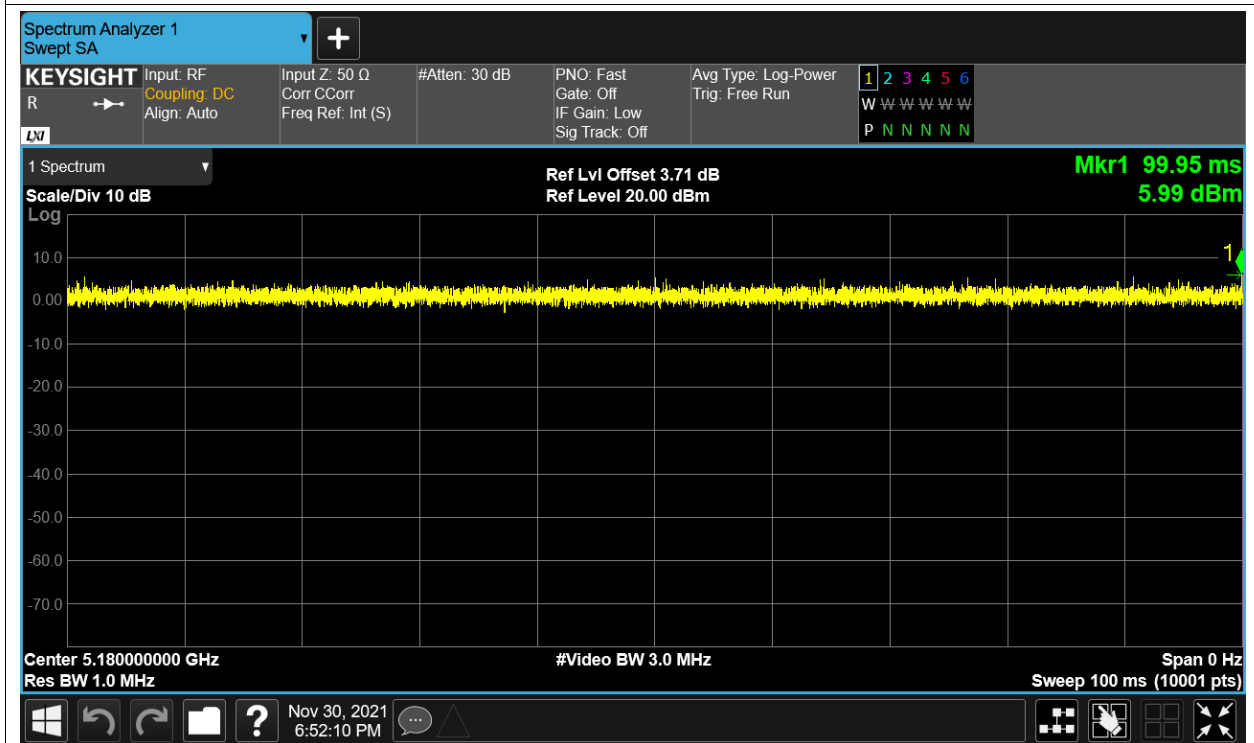
Duty Cycle NVNT ac40 5230MHz Ant1



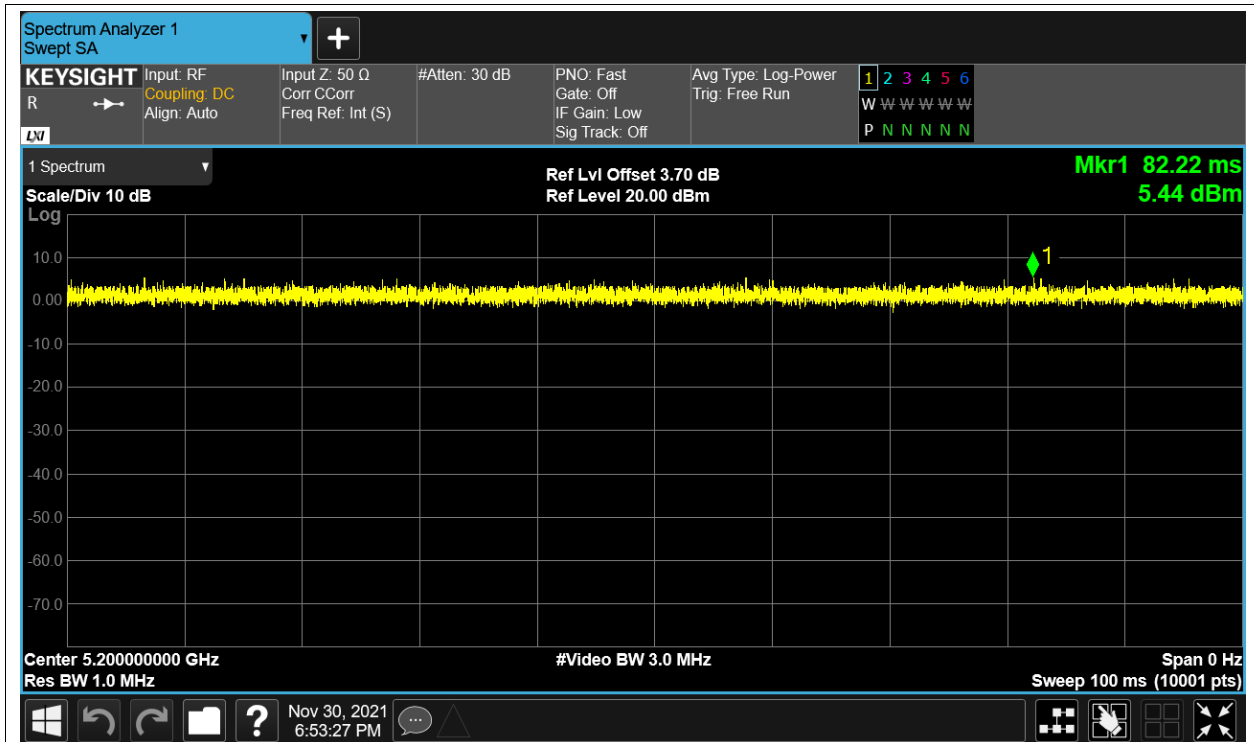
Duty Cycle NVNT ac80 5210MHz Ant1



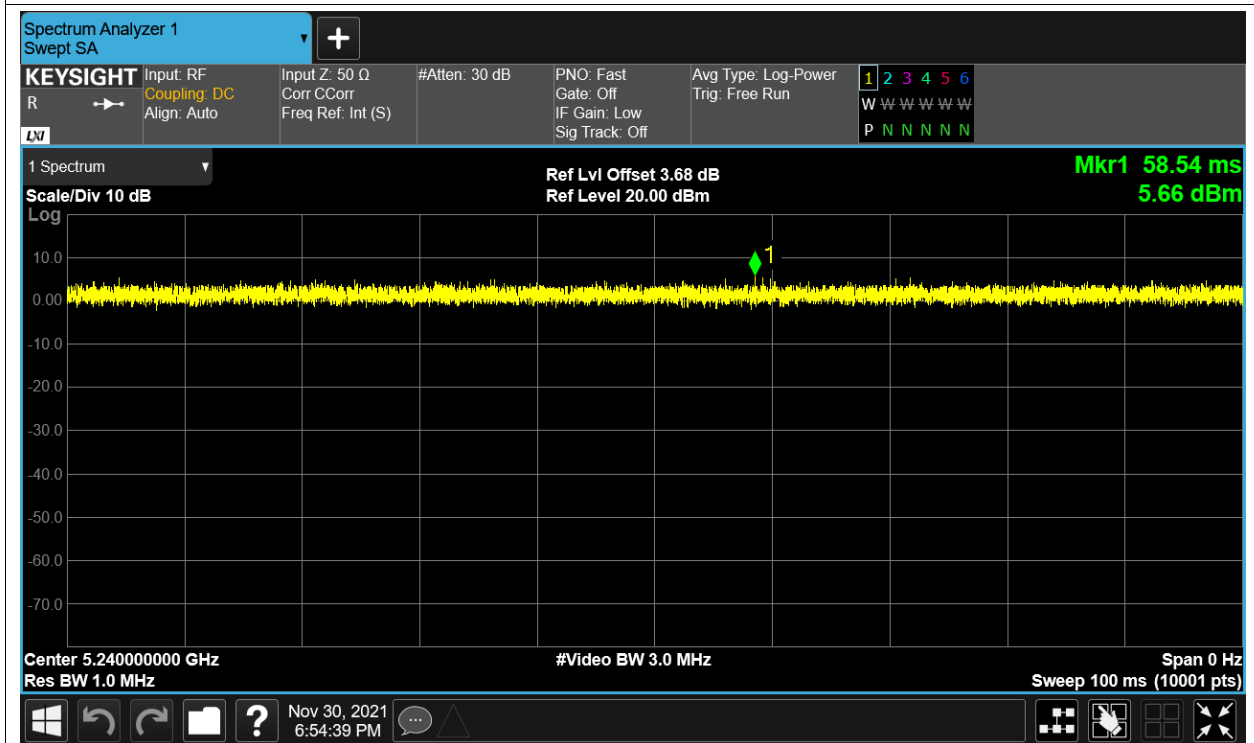
Duty Cycle NVNT n20 5180MHz Ant1



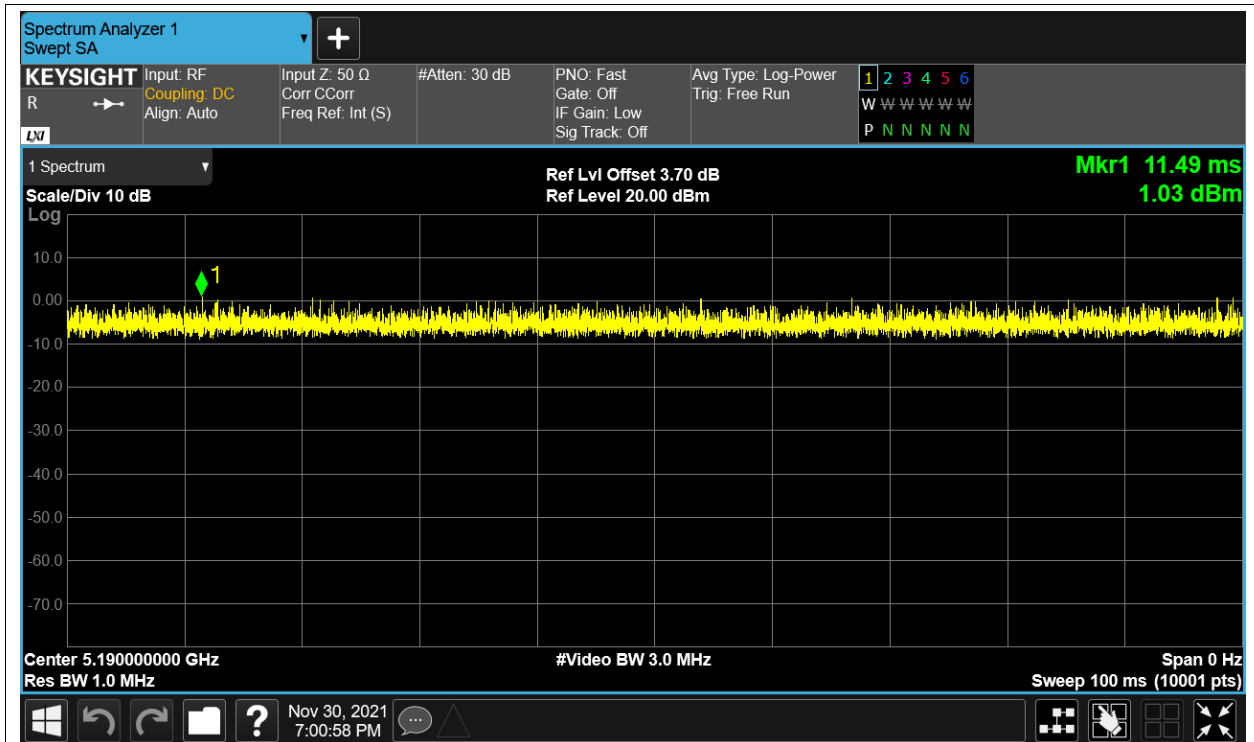
Duty Cycle NVNT n20 5200MHz Ant1



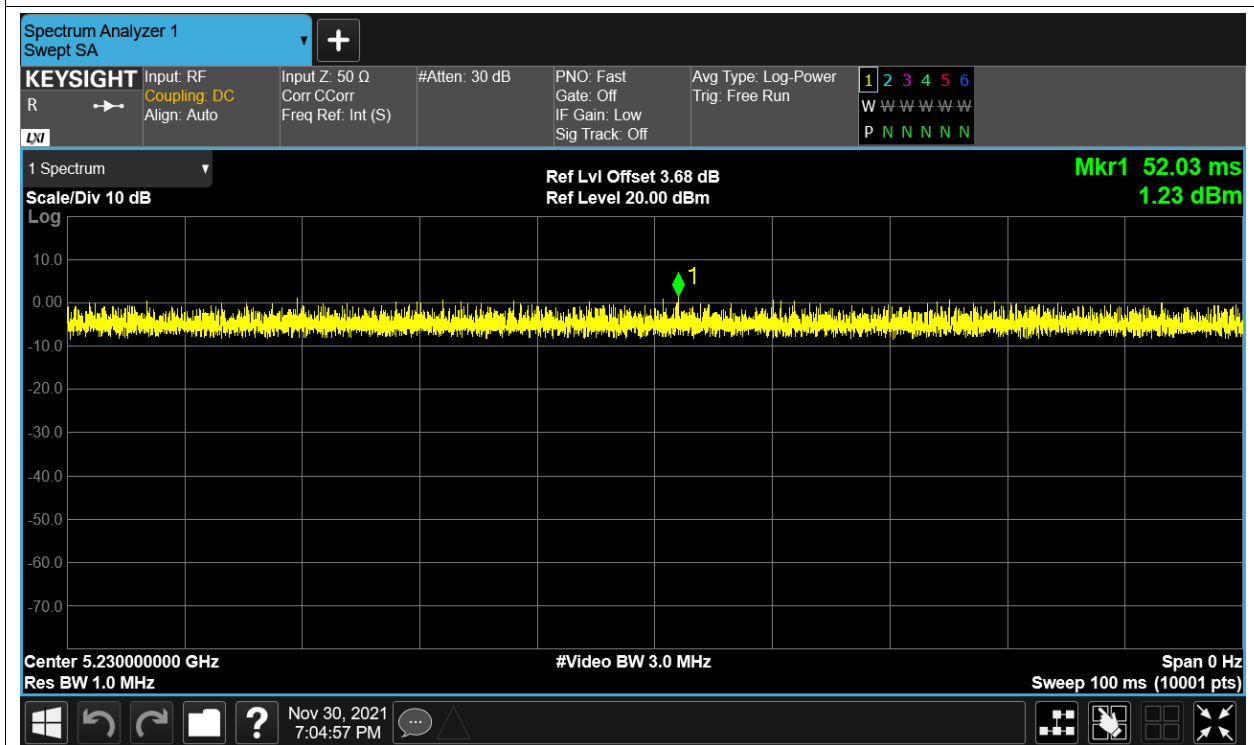
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



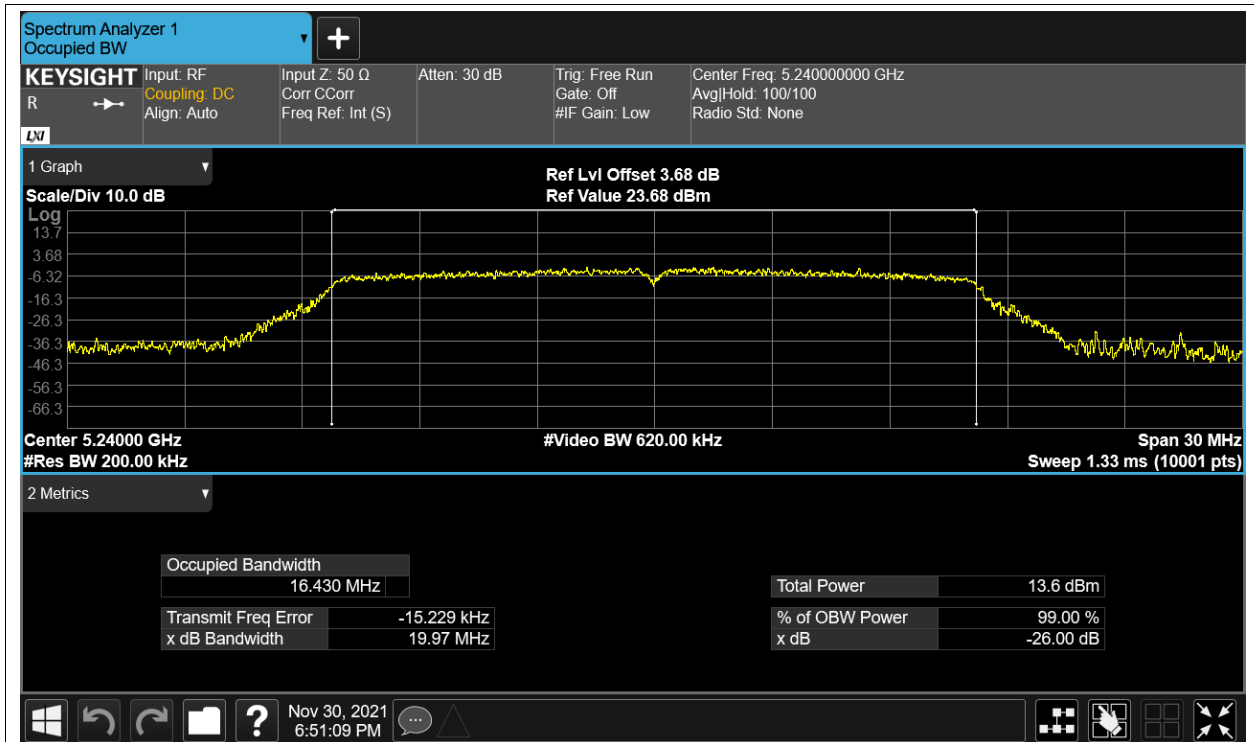
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.17	0	8.17	24	Pass
NVNT	a	5200	Ant1	7.9	0	7.9	24	Pass
NVNT	a	5240	Ant1	8.99	0	8.99	24	Pass
NVNT	ac20	5180	Ant1	7.11	0	7.11	24	Pass
NVNT	ac20	5200	Ant1	6.99	0	6.99	24	Pass
NVNT	ac20	5240	Ant1	8.05	0	8.05	24	Pass
NVNT	ac40	5190	Ant1	6.66	0	6.66	24	Pass
NVNT	ac40	5230	Ant1	7.62	0	7.62	24	Pass
NVNT	ac80	5210	Ant1	7.07	0	7.07	24	Pass
NVNT	n20	5180	Ant1	8.05	0	8.05	24	Pass
NVNT	n20	5200	Ant1	7.72	0	7.72	24	Pass
NVNT	n20	5240	Ant1	8.84	0	8.84	24	Pass
NVNT	n40	5190	Ant1	7.64	0	7.64	24	Pass
NVNT	n40	5230	Ant1	8.7	0	8.7	24	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.41771982
NVNT	a	5200	Ant1	16.39046028
NVNT	a	5240	Ant1	16.42975621
NVNT	ac20	5180	Ant1	17.55418887
NVNT	ac20	5200	Ant1	17.56626743
NVNT	ac20	5240	Ant1	17.57417487
NVNT	ac40	5190	Ant1	35.90801734
NVNT	ac40	5230	Ant1	35.96246423
NVNT	ac80	5210	Ant1	75.12848243
NVNT	n20	5180	Ant1	17.55552902
NVNT	n20	5200	Ant1	17.55763155
NVNT	n20	5240	Ant1	17.56952385
NVNT	n40	5190	Ant1	35.95188975
NVNT	n40	5230	Ant1	35.95922716

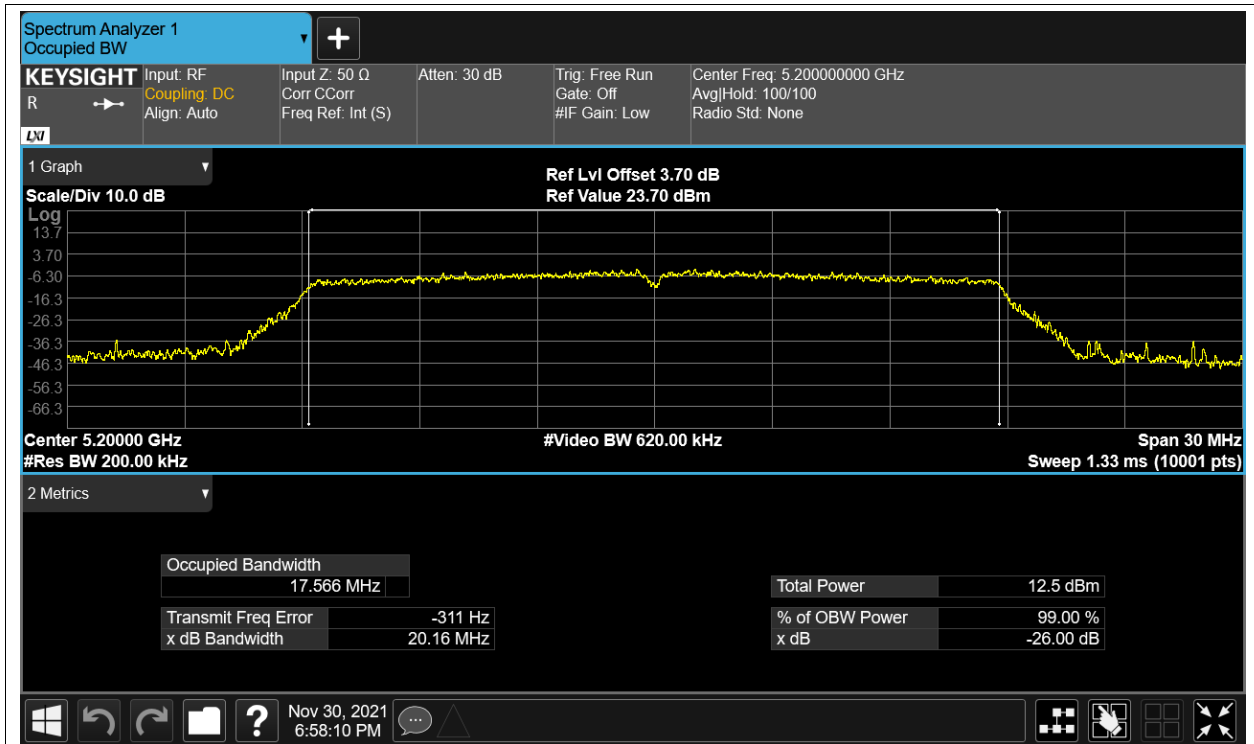




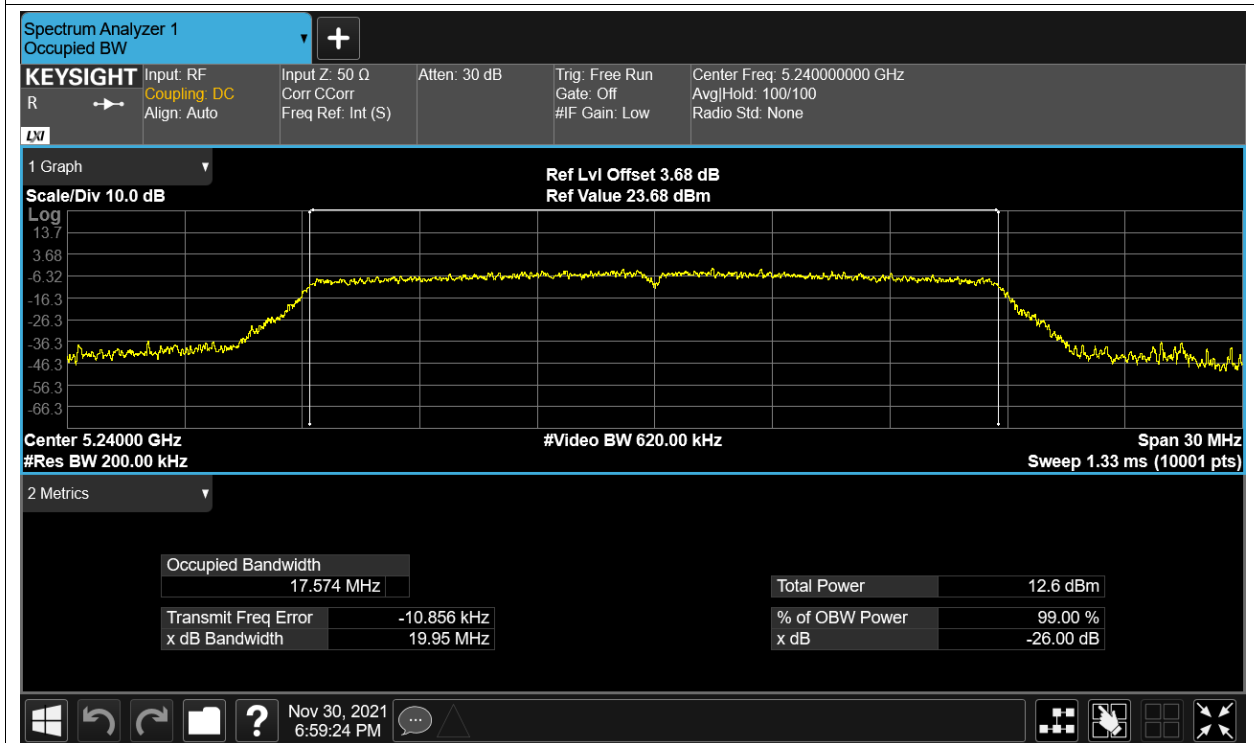
OBW NVNT ac20 5180MHz Ant1



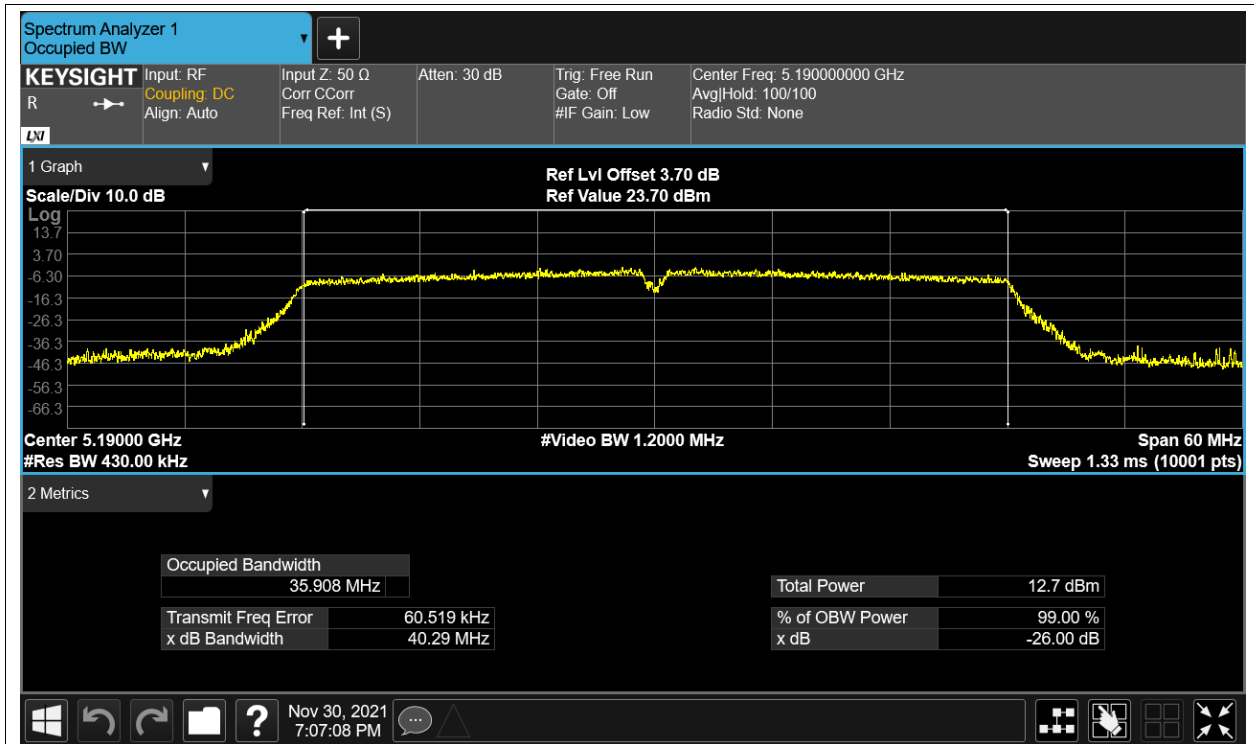
OBW NVNT ac20 5200MHz Ant1



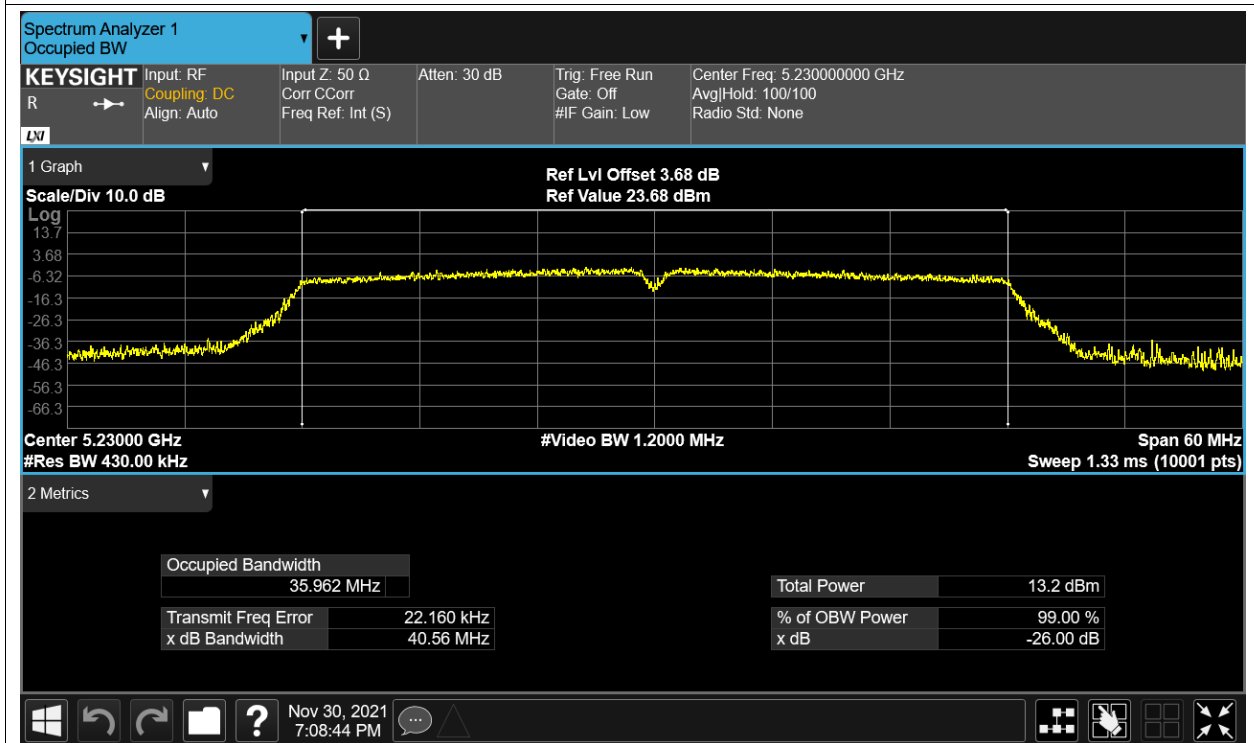
OBW NVNT ac20 5240MHz Ant1



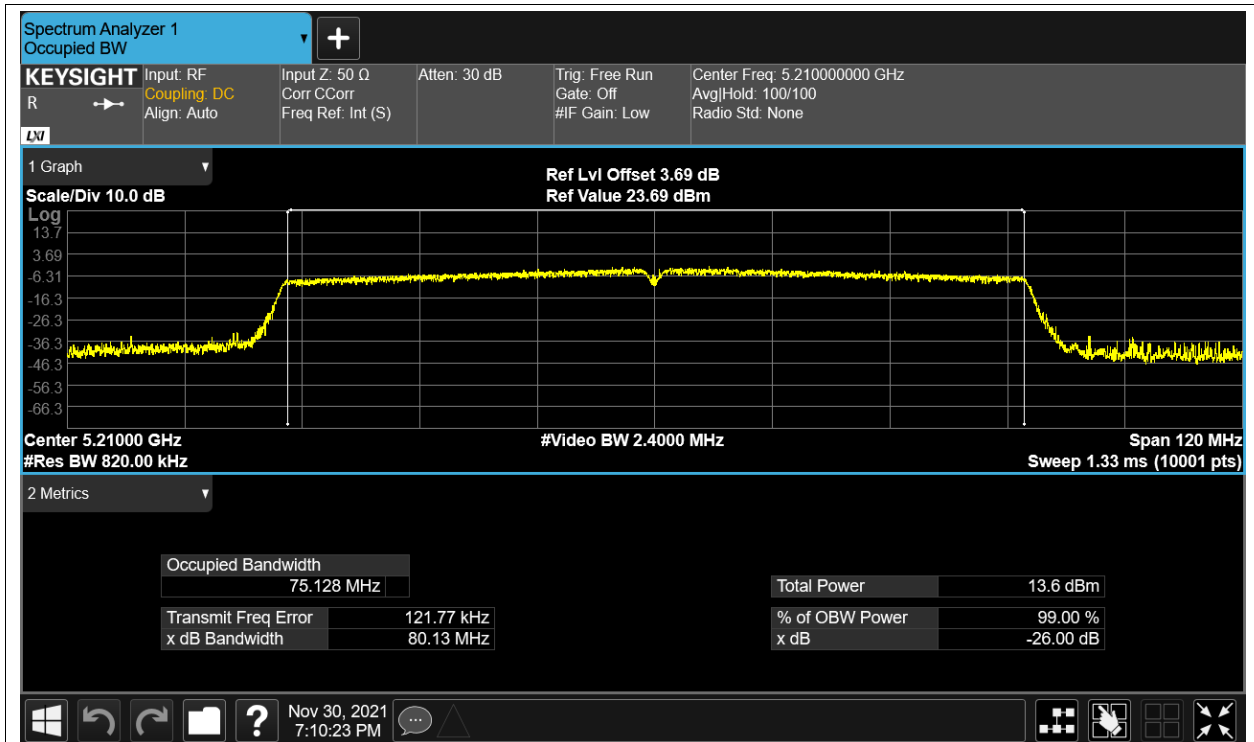
OBW NVNT ac40 5190MHz Ant1



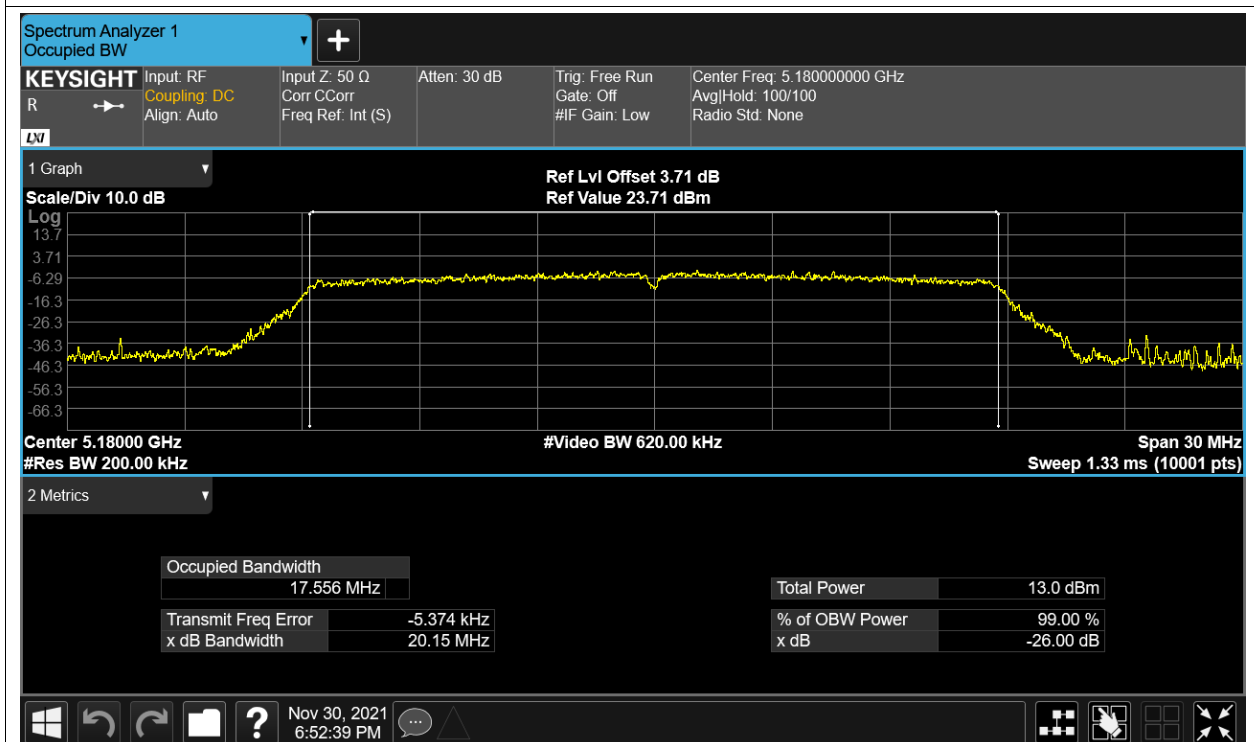
OBW NVNT ac40 5230MHz Ant1



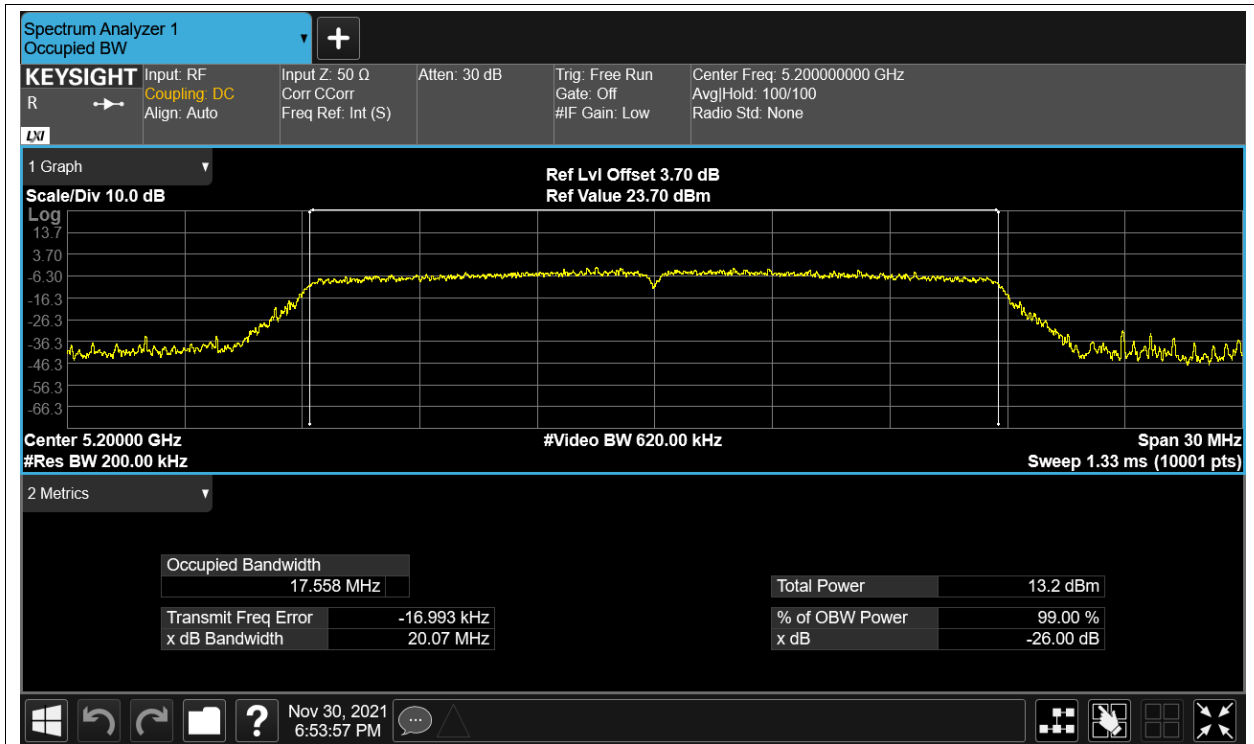
OBW NVNT ac80 5210MHz Ant1



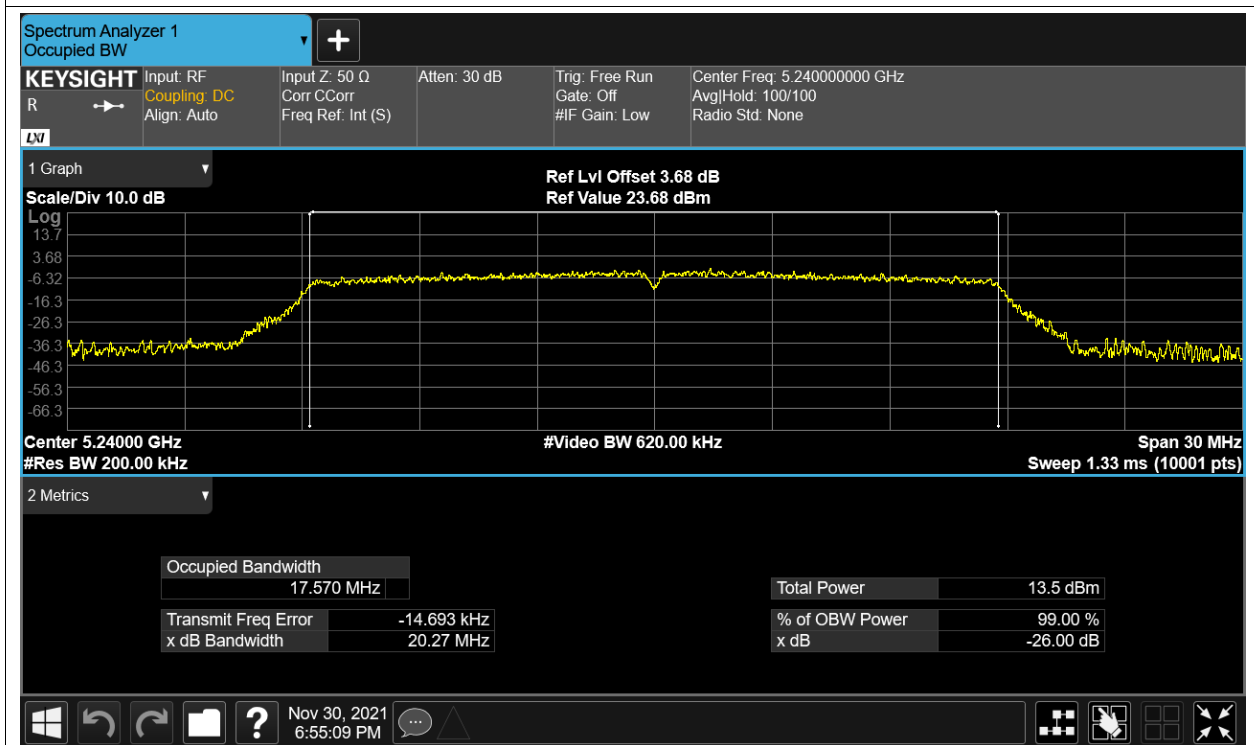
OBW NVNT n20 5180MHz Ant1



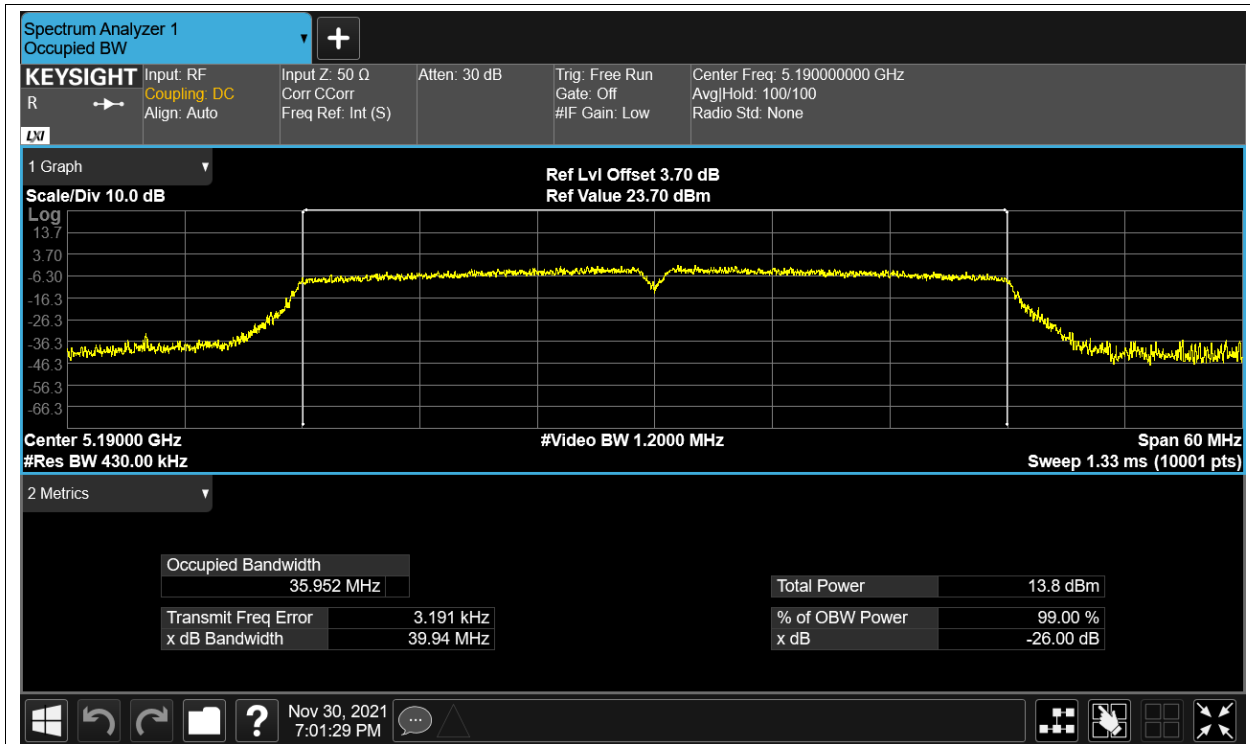
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1

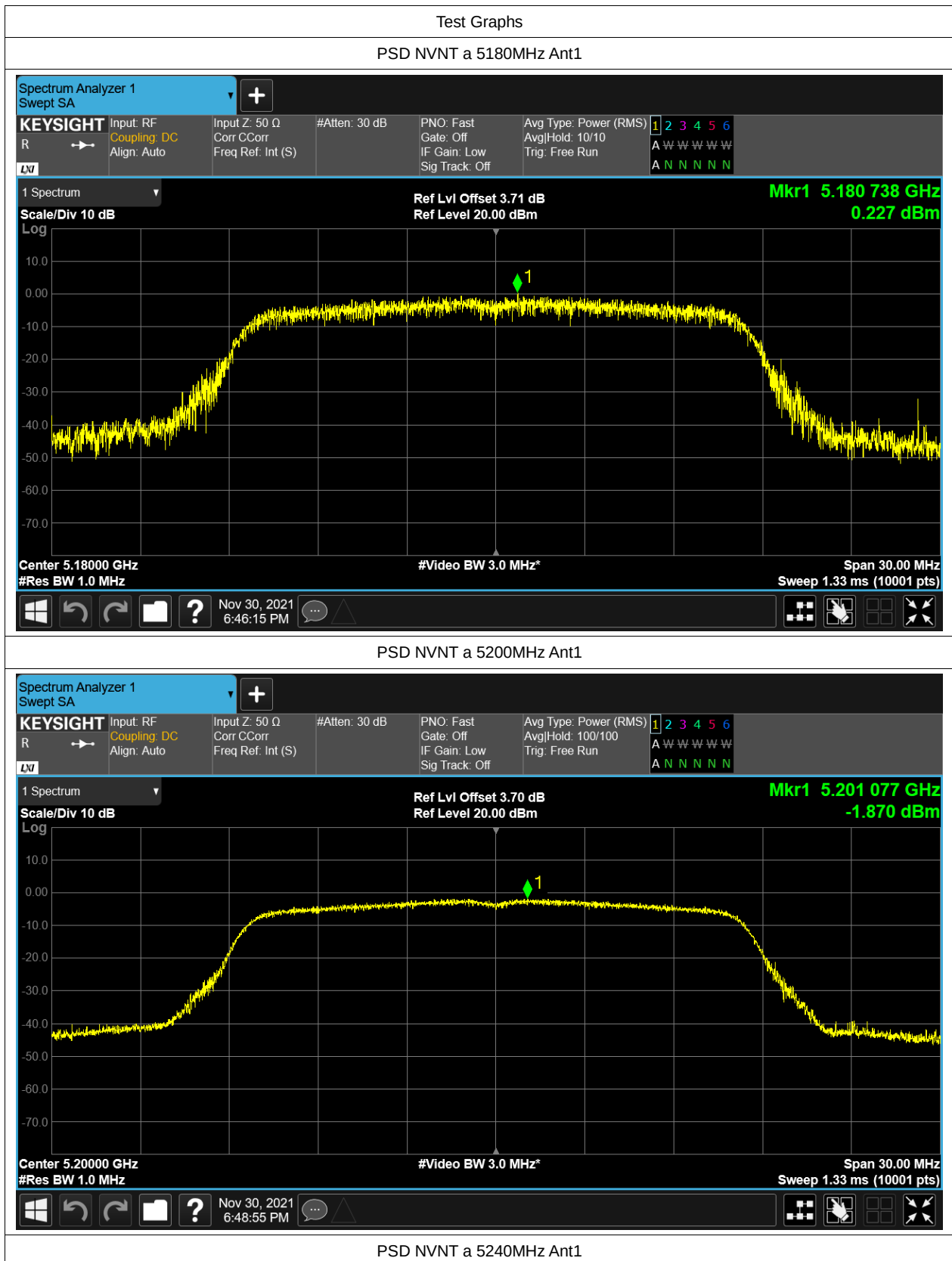


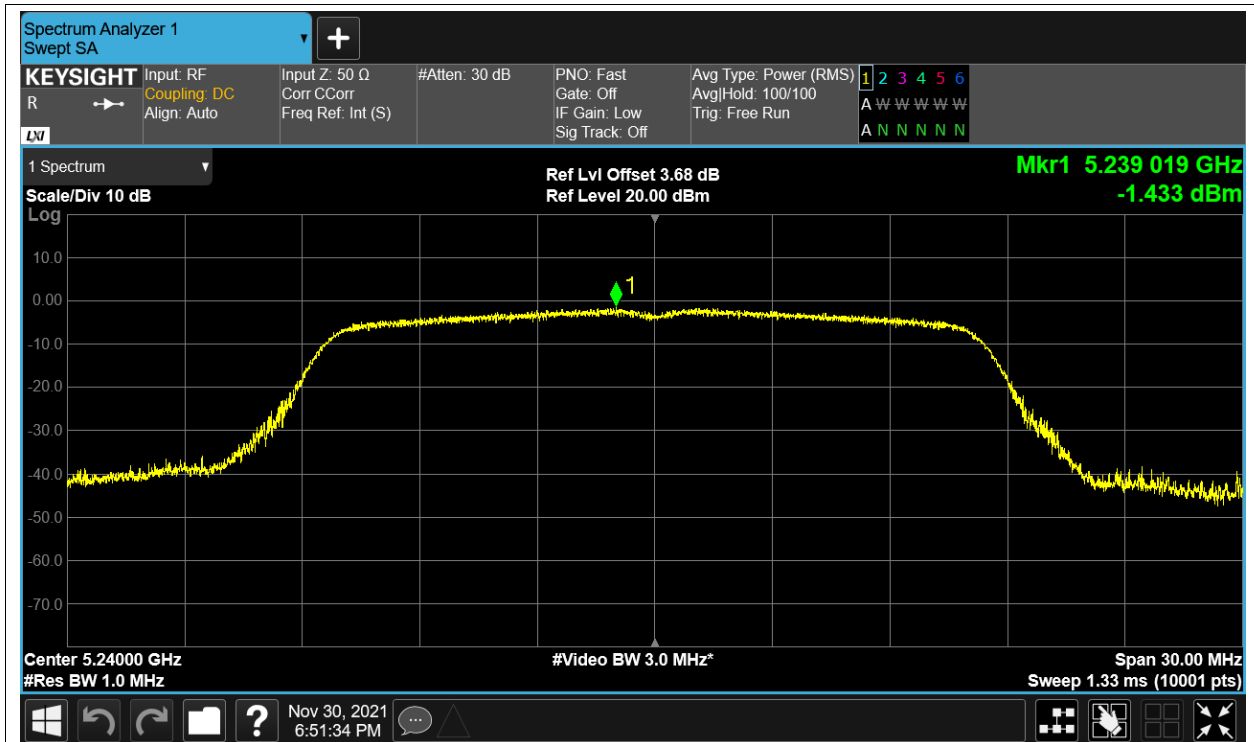
OBW NVNT n40 5230MHz Ant1



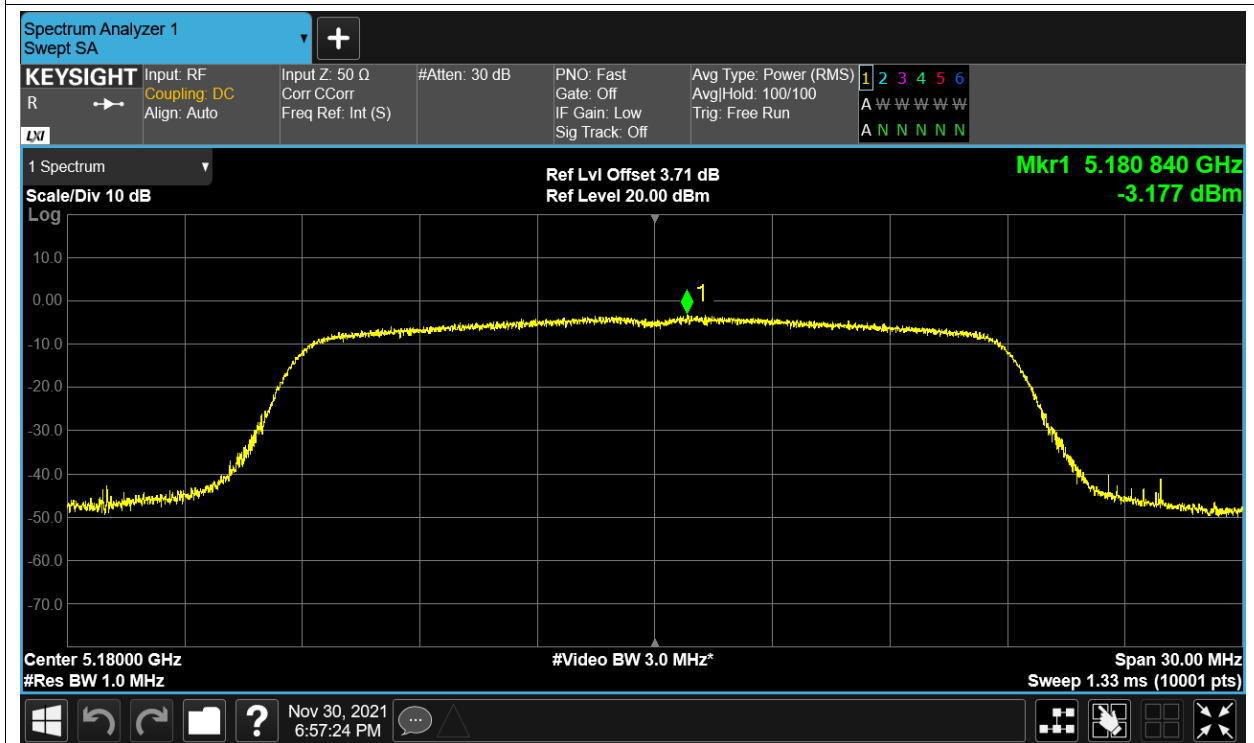
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.227	11	Pass
NVNT	a	5200	Ant1	-1.87	11	Pass
NVNT	a	5240	Ant1	-1.433	11	Pass
NVNT	ac20	5180	Ant1	-3.177	11	Pass
NVNT	ac20	5200	Ant1	-2.7	11	Pass
NVNT	ac20	5240	Ant1	-2.651	11	Pass
NVNT	ac40	5190	Ant1	-5.509	11	Pass
NVNT	ac40	5230	Ant1	-5.213	11	Pass
NVNT	ac80	5210	Ant1	-8.055	11	Pass
NVNT	n20	5180	Ant1	-2.346	11	Pass
NVNT	n20	5200	Ant1	-2.001	11	Pass
NVNT	n20	5240	Ant1	-1.897	11	Pass
NVNT	n40	5190	Ant1	-4.41	11	Pass
NVNT	n40	5230	Ant1	-4.124	11	Pass

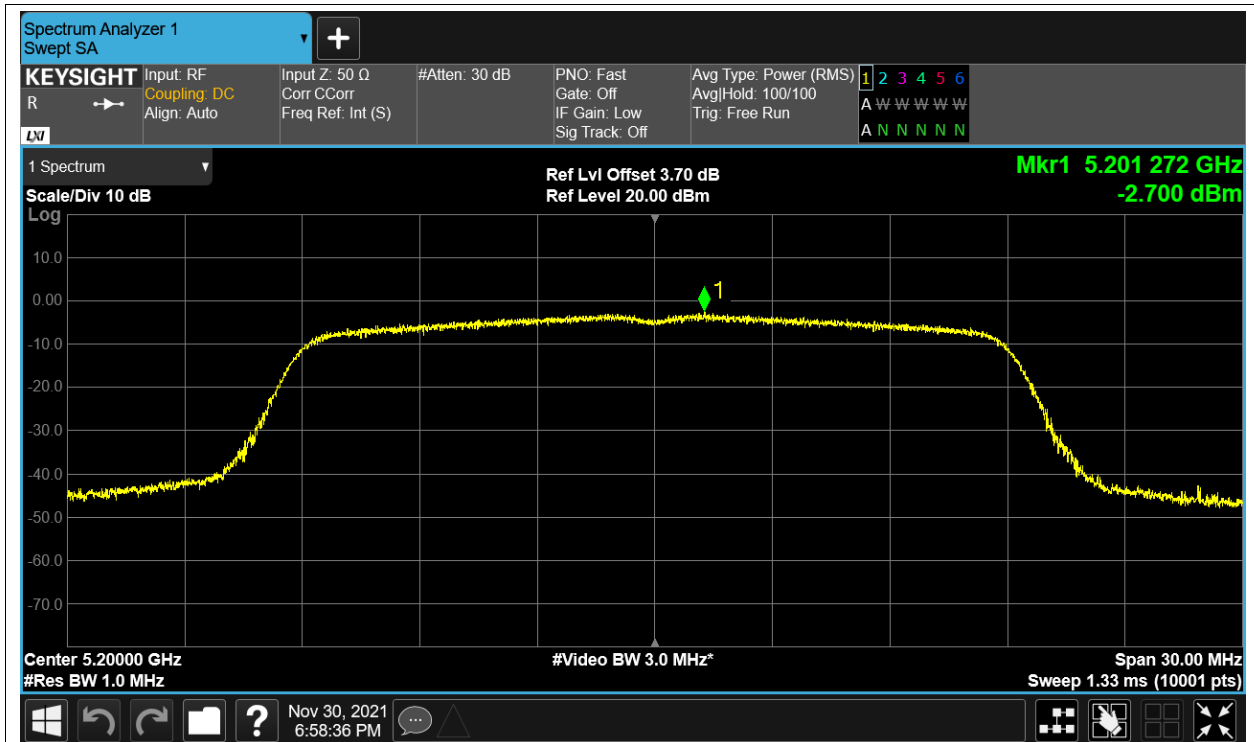




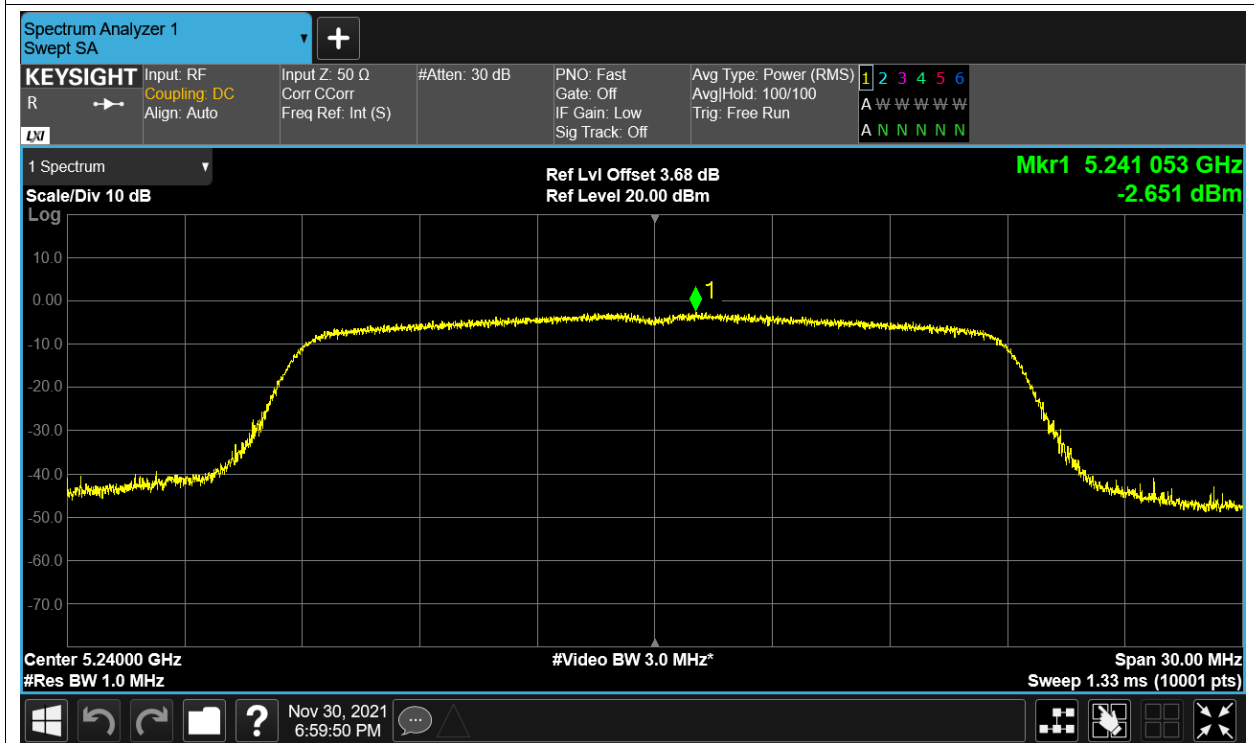
PSD NVNT ac20 5180MHz Ant1



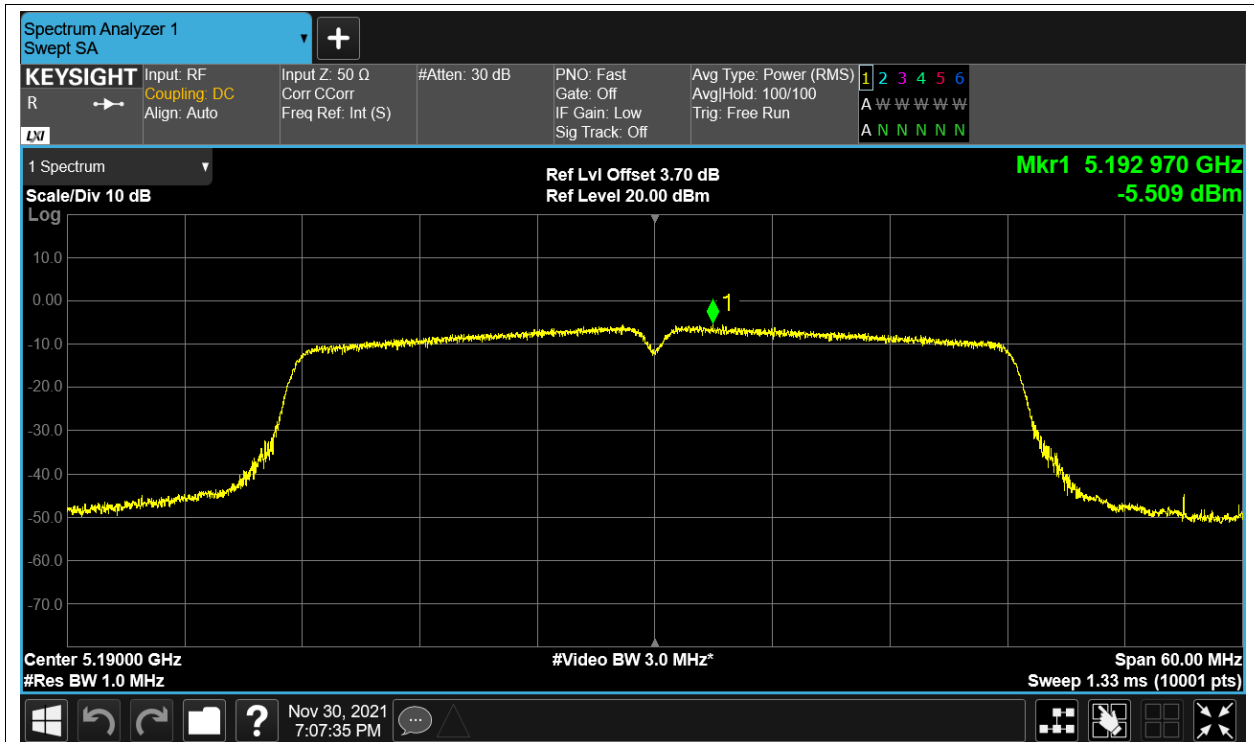
PSD NVNT ac20 5200MHz Ant1



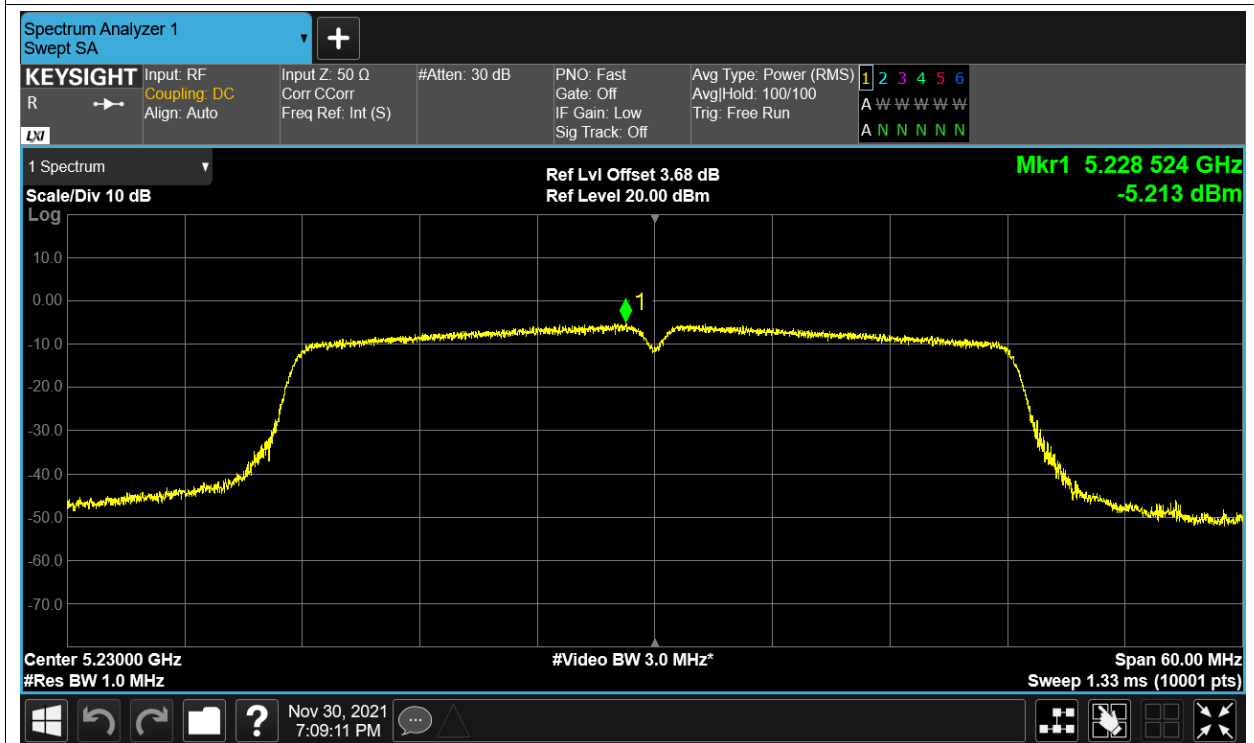
PSD NVNT ac20 5240MHz Ant1



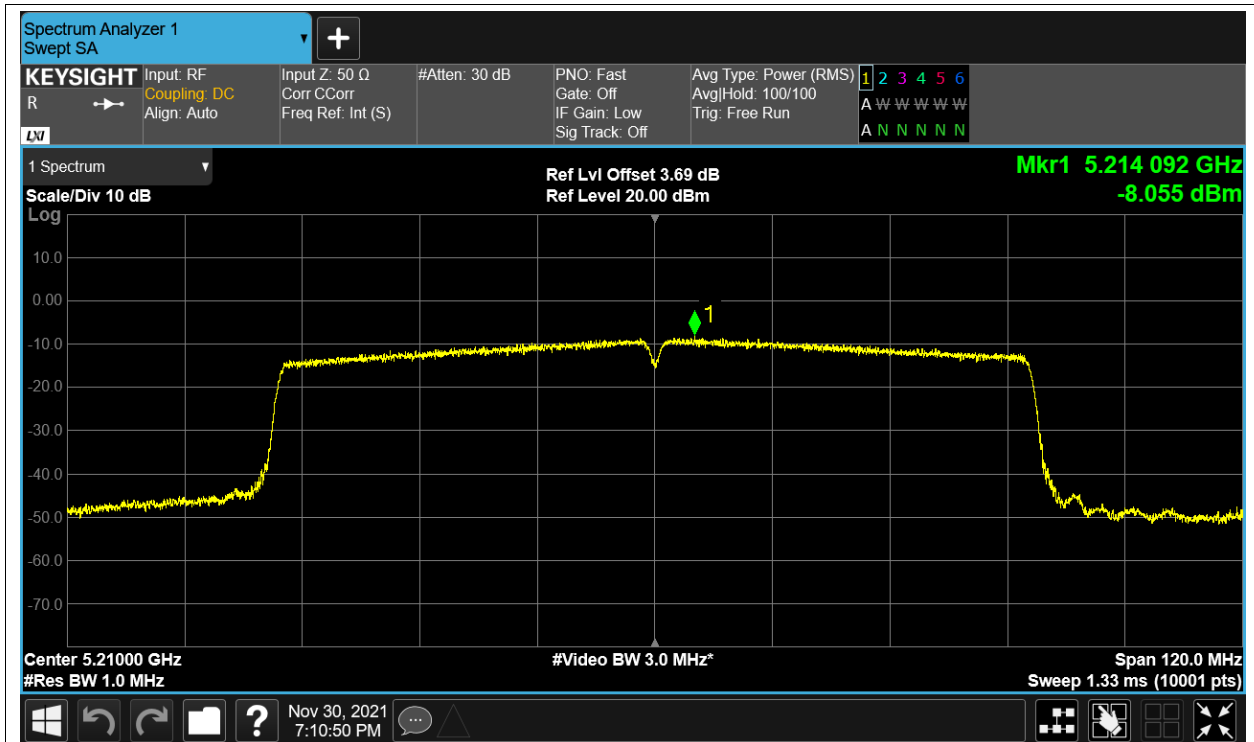
PSD NVNT ac40 5190MHz Ant1



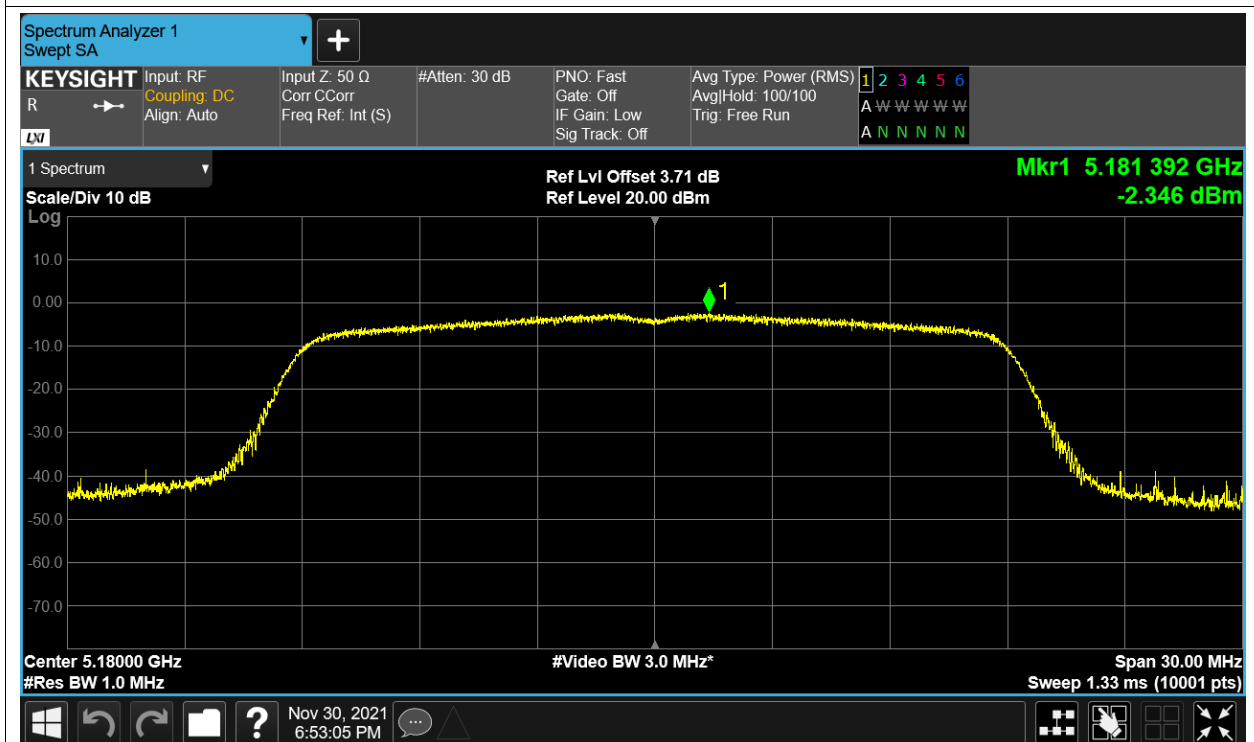
PSD NVNT ac40 5230MHz Ant1



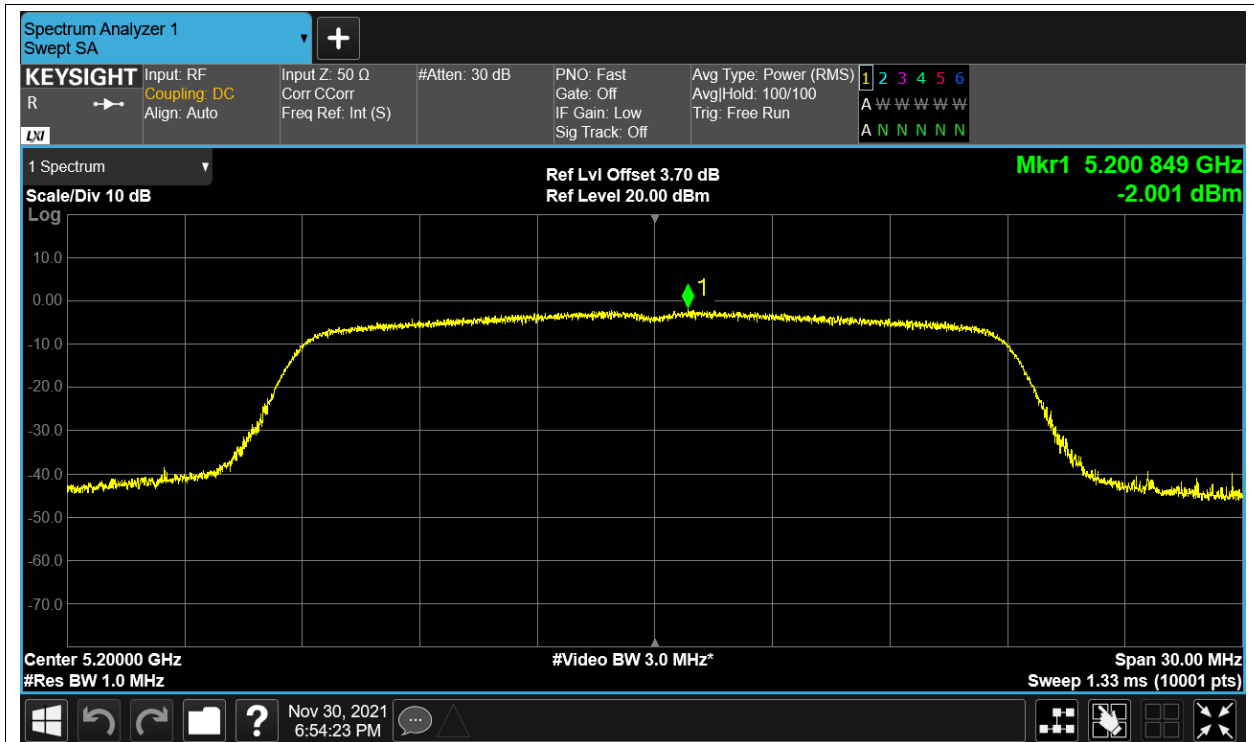
PSD NVNT ac80 5210MHz Ant1



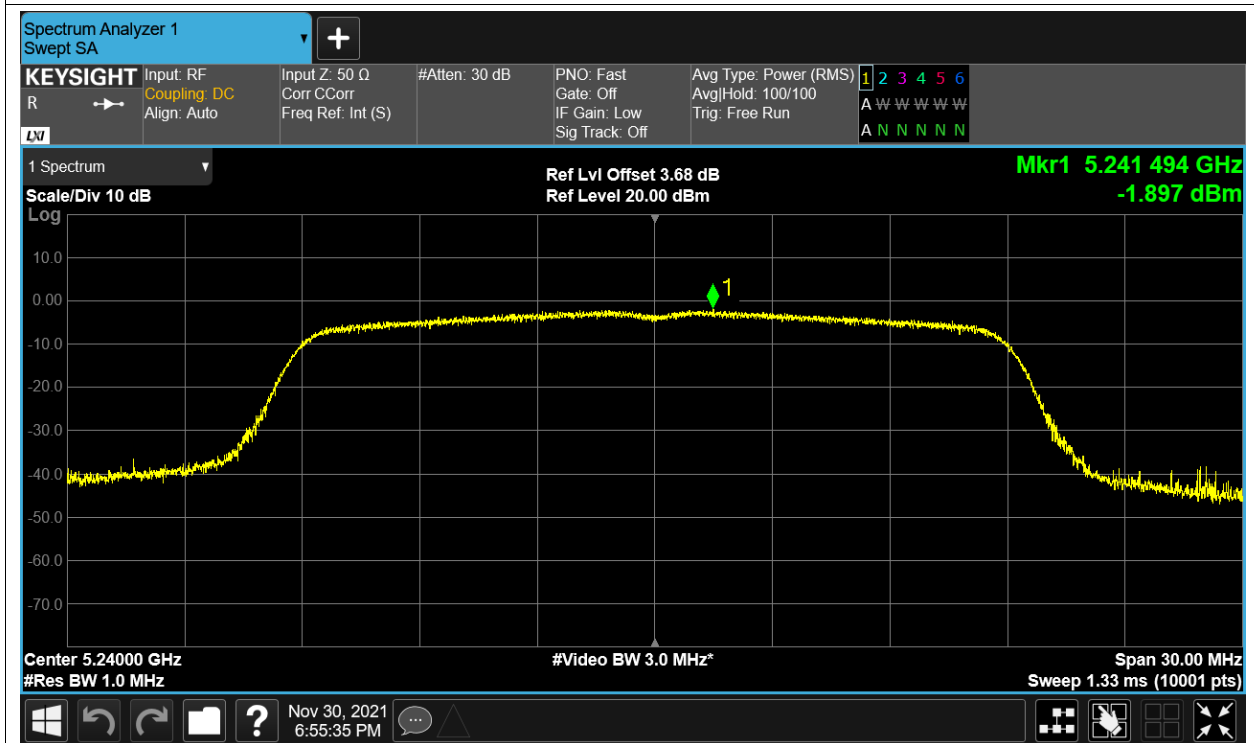
PSD NVNT n20 5180MHz Ant1



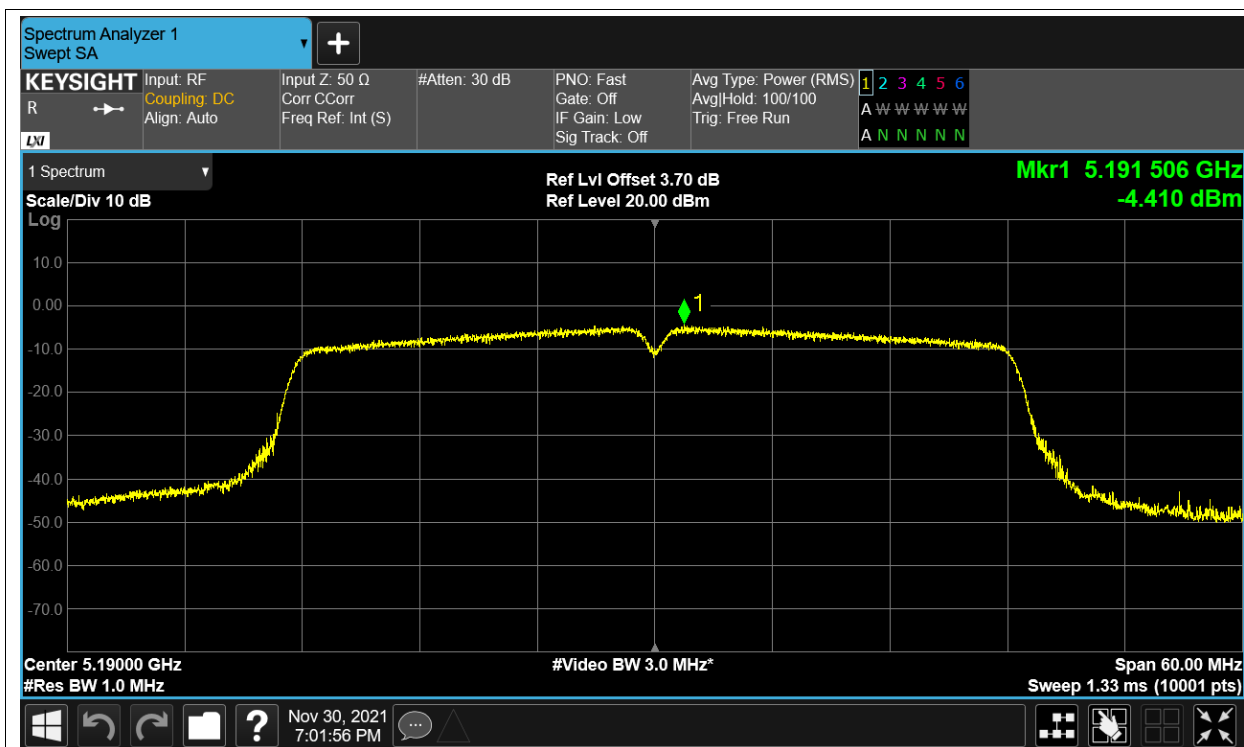
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

