

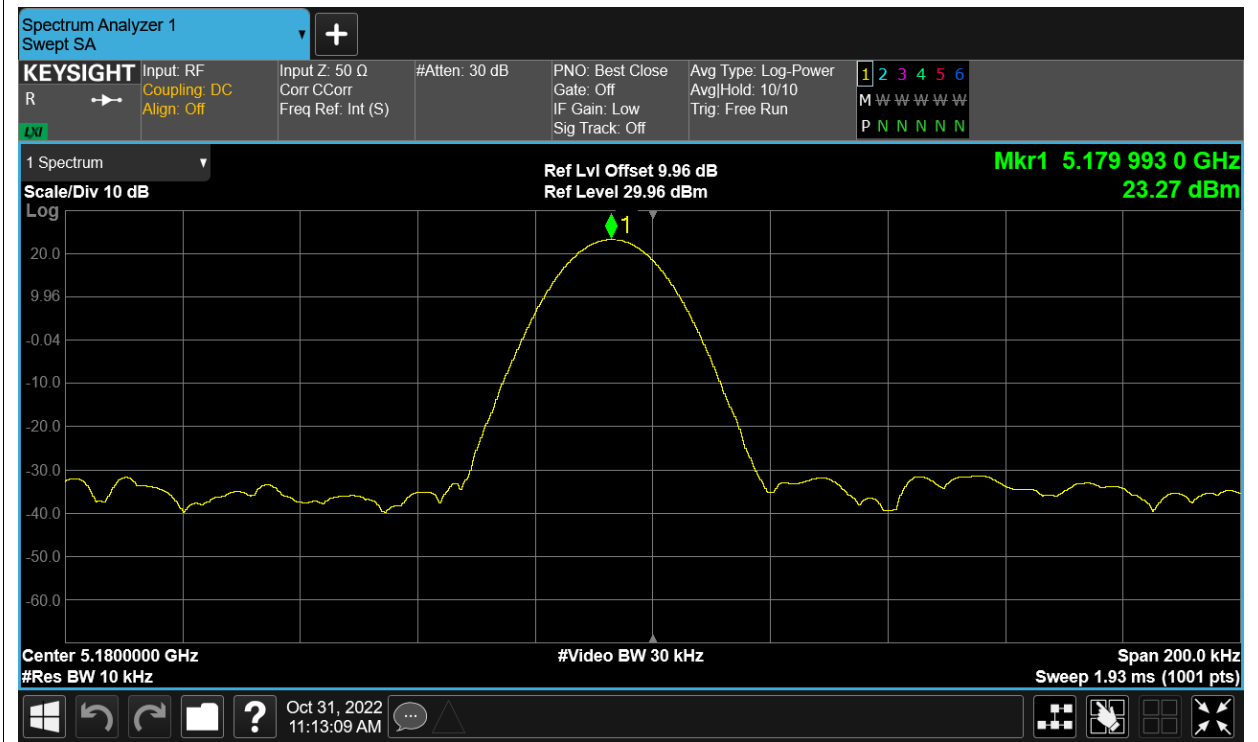
Test Data

Frequency Stability

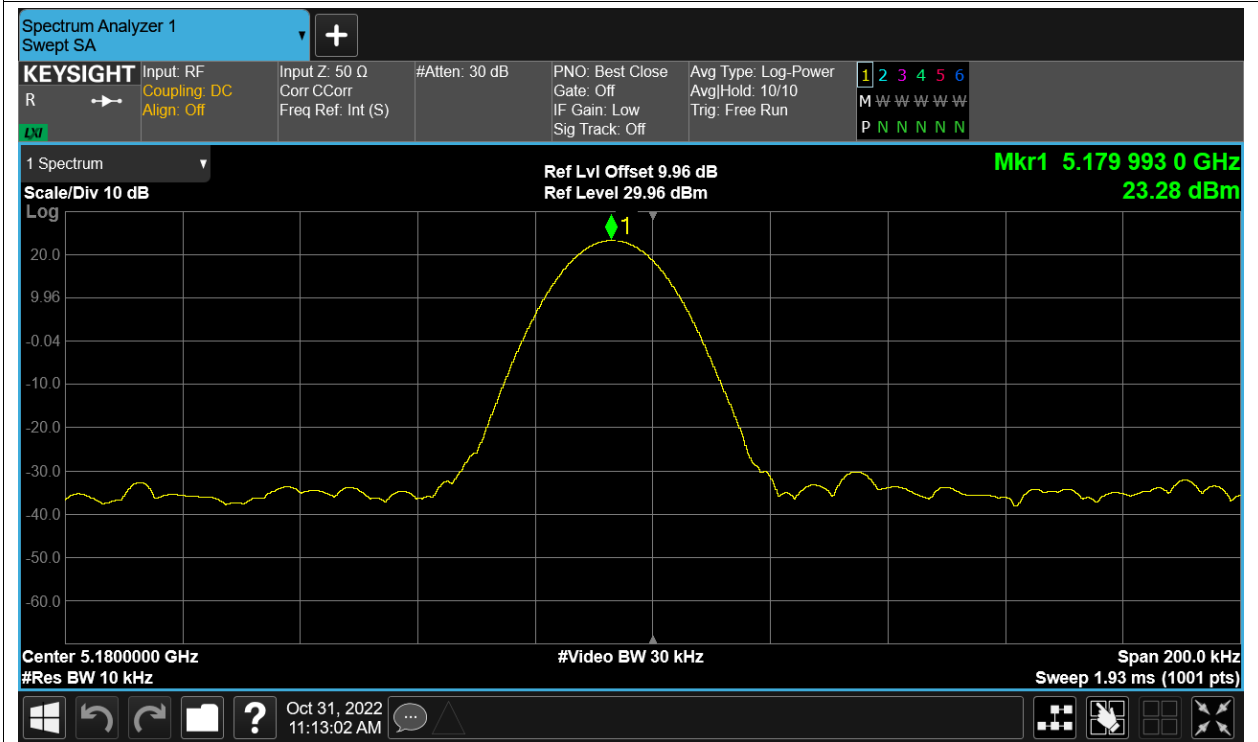
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant2	5179.993	-1.35	25	Pass
LVNT	a	5180	Ant2	5179.993	-1.35	25	Pass
NVHT	a	5180	Ant2	5179.9932	-1.31	25	Pass
NVLT	a	5180	Ant2	5179.9934	-1.27	25	Pass
NVNT	a	5180	Ant2	5179.9938	-1.2	25	Pass
HVNT	ac80	5210	Ant2	5209.9934	-1.27	25	Pass
LVNT	ac80	5210	Ant2	5209.9938	-1.19	25	Pass
NVHT	ac80	5210	Ant2	5209.9942	-1.11	25	Pass
NVLT	ac80	5210	Ant2	5209.9952	-0.92	25	Pass
NVNT	ac80	5210	Ant2	5209.999102692	-0.17	25	Pass
HVNT	n40	5190	Ant2	5189.993	-1.35	25	Pass
LVNT	n40	5190	Ant2	5189.9934	-1.27	25	Pass
NVHT	n40	5190	Ant2	5189.9938	-1.19	25	Pass
NVLT	n40	5190	Ant2	5189.9946	-1.04	25	Pass
NVNT	n40	5190	Ant2	5189.9976	-0.46	25	Pass

Test Graphs

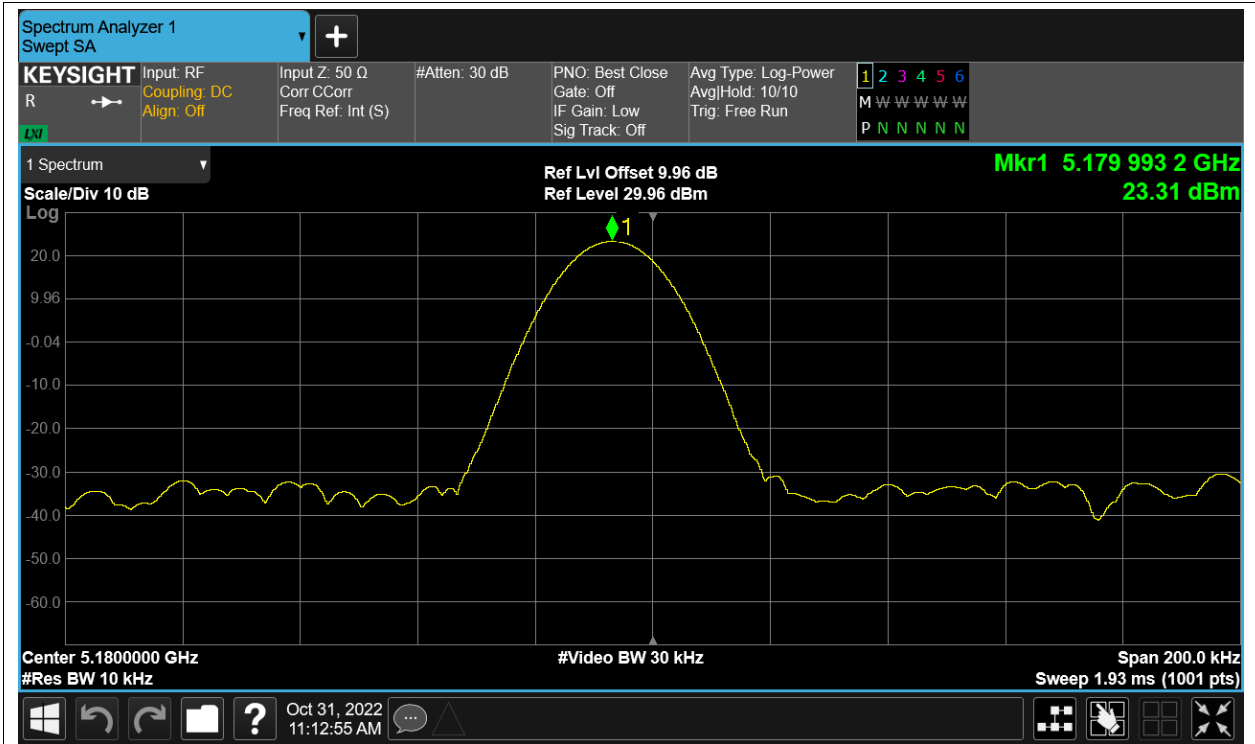
Freq. Stability HVNT a 5180MHz Ant2



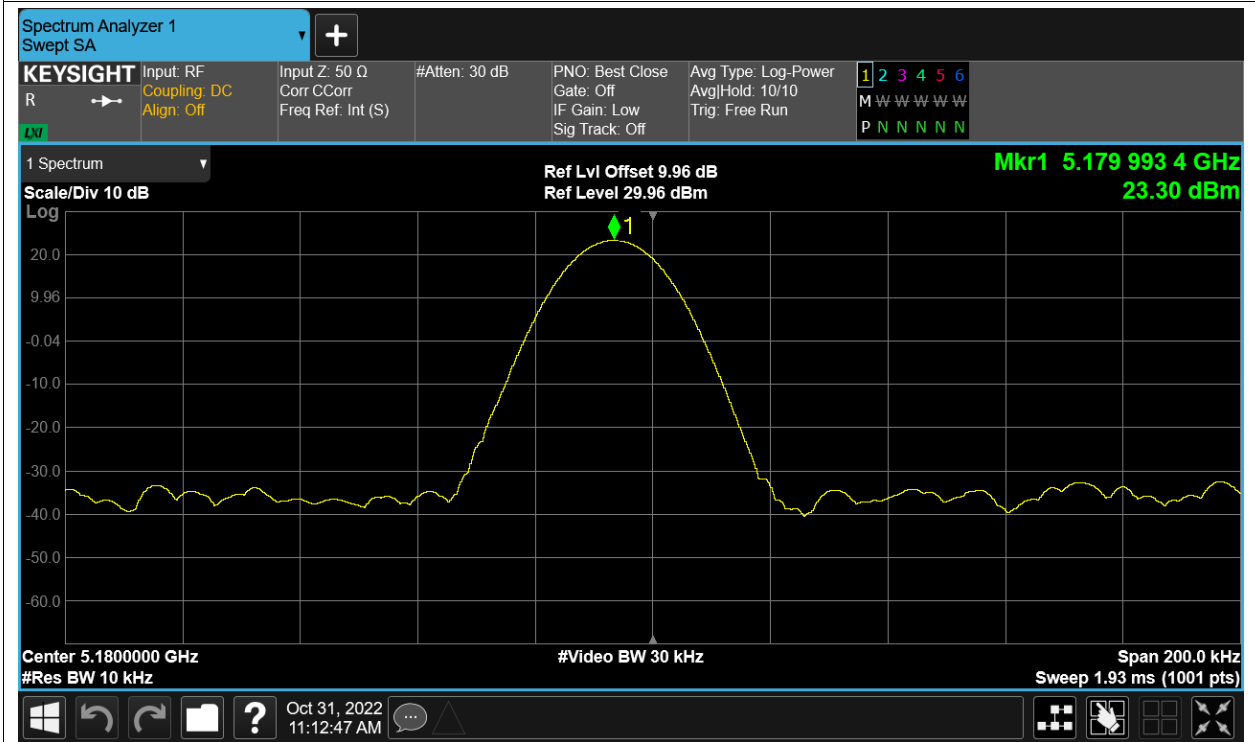
Freq. Stability LVNT a 5180MHz Ant2



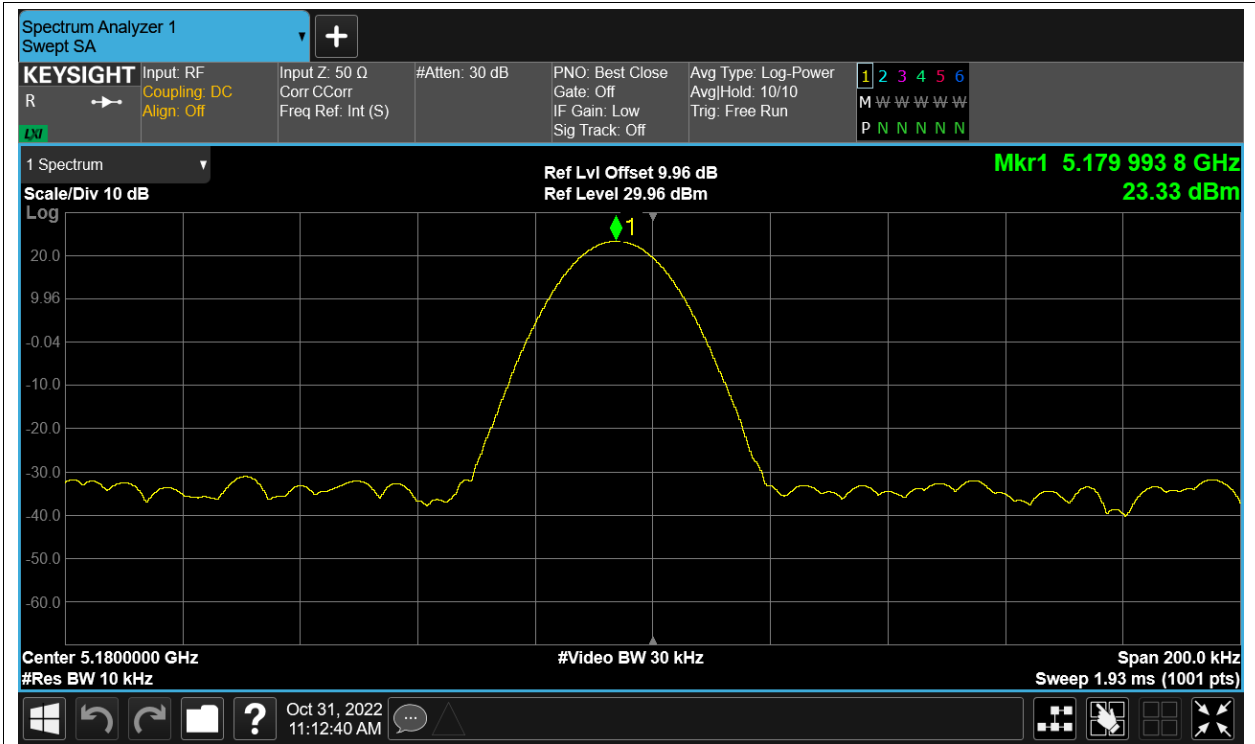
Freq. Stability NVHT a 5180MHz Ant2



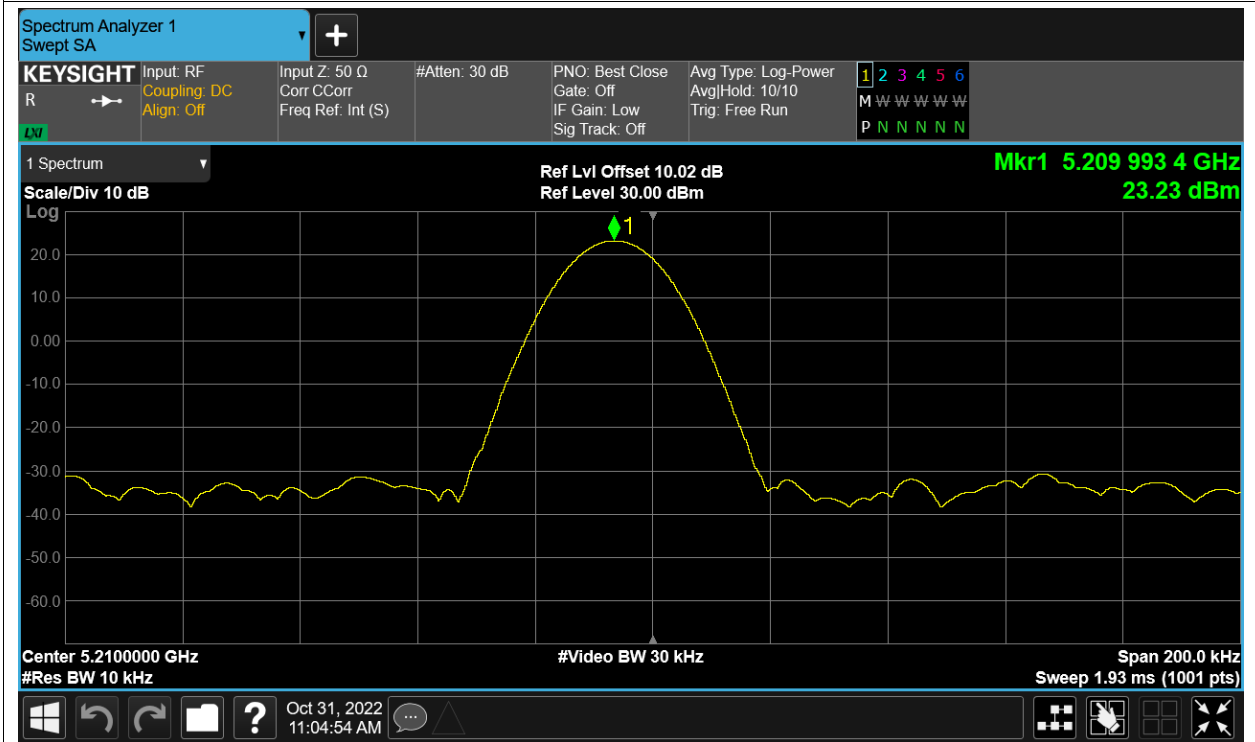
Freq. Stability NVLT a 5180MHz Ant2



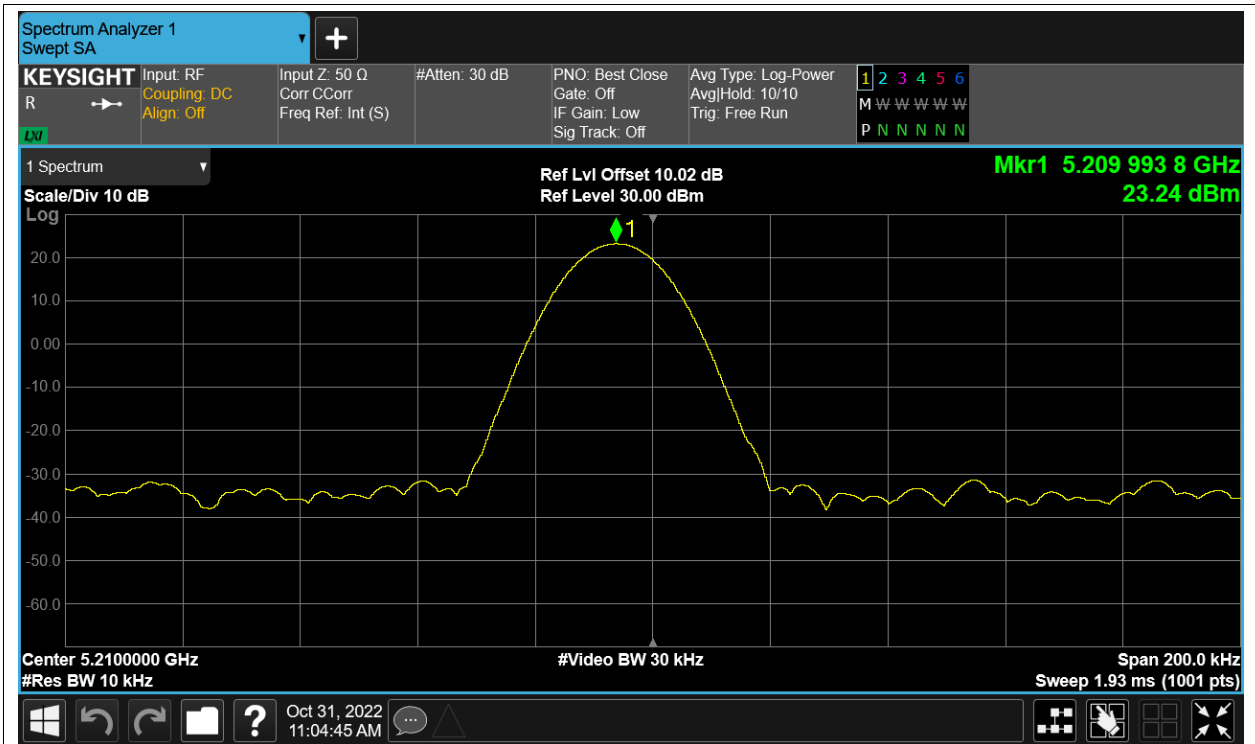
Freq. Stability NVNT a 5180MHz Ant2



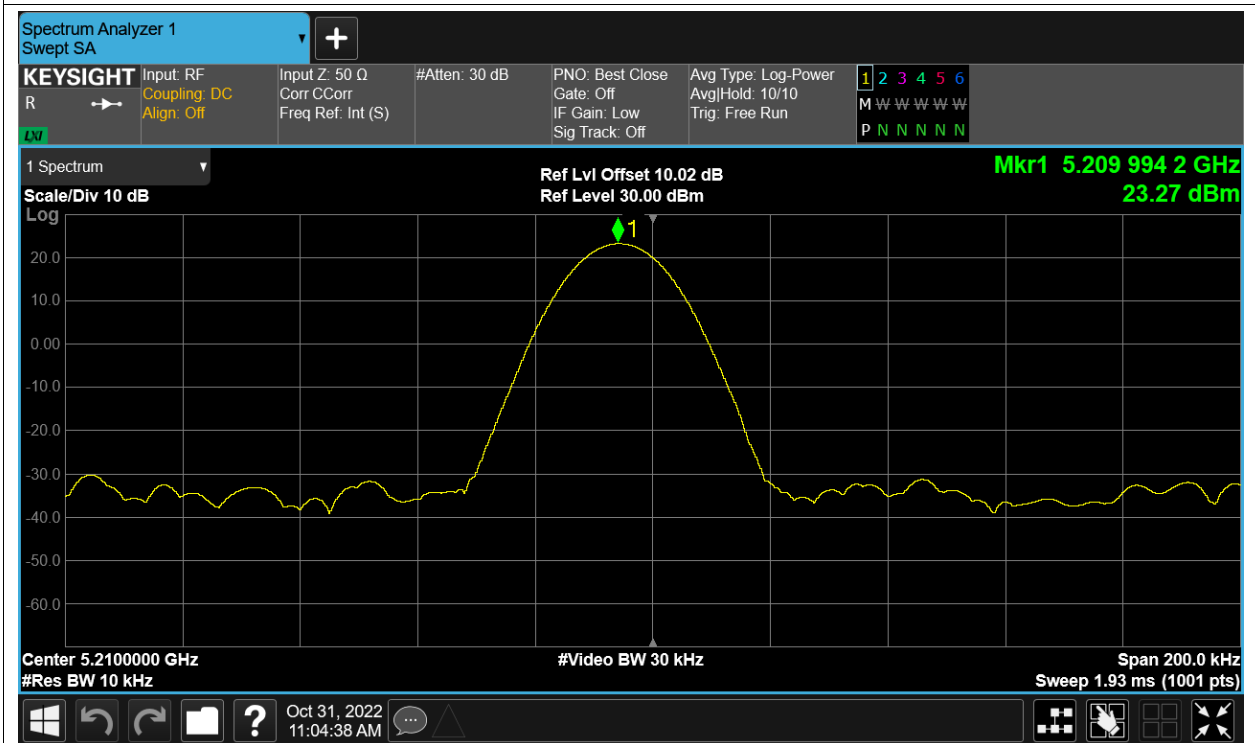
Freq. Stability HVNT ac80 5210MHz Ant2



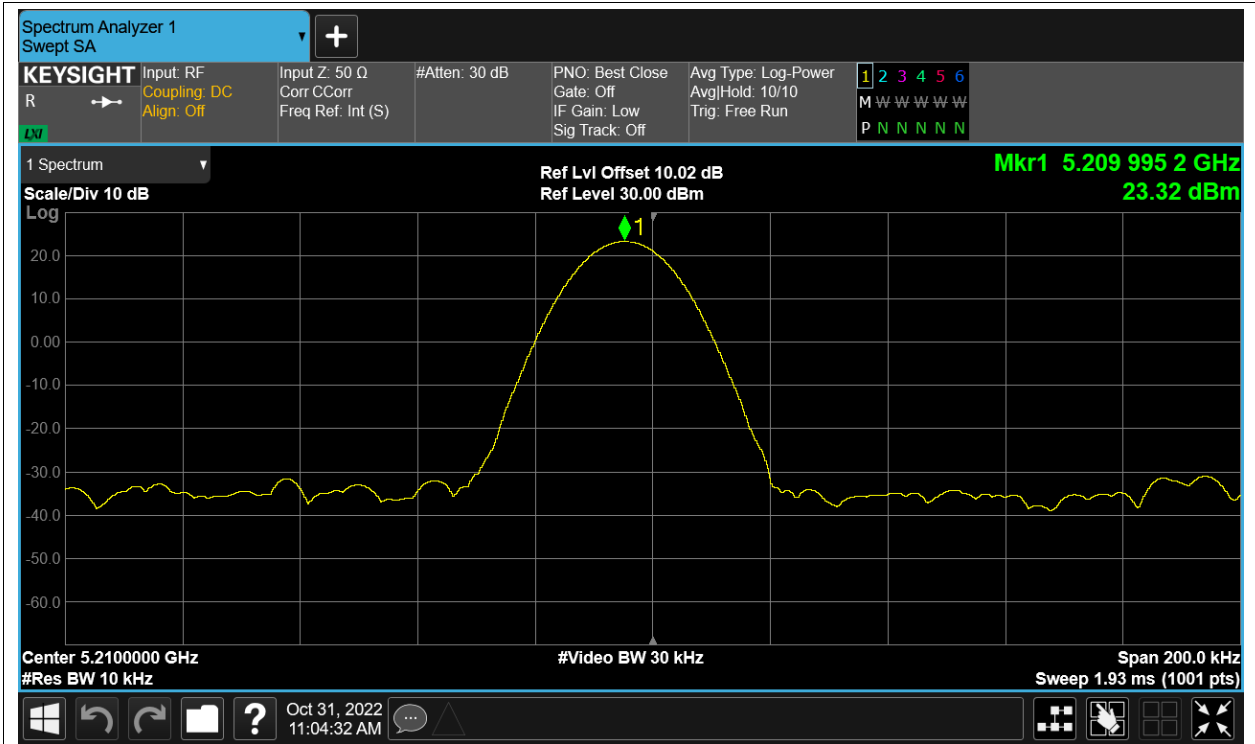
Freq. Stability LVNT ac80 5210MHz Ant2



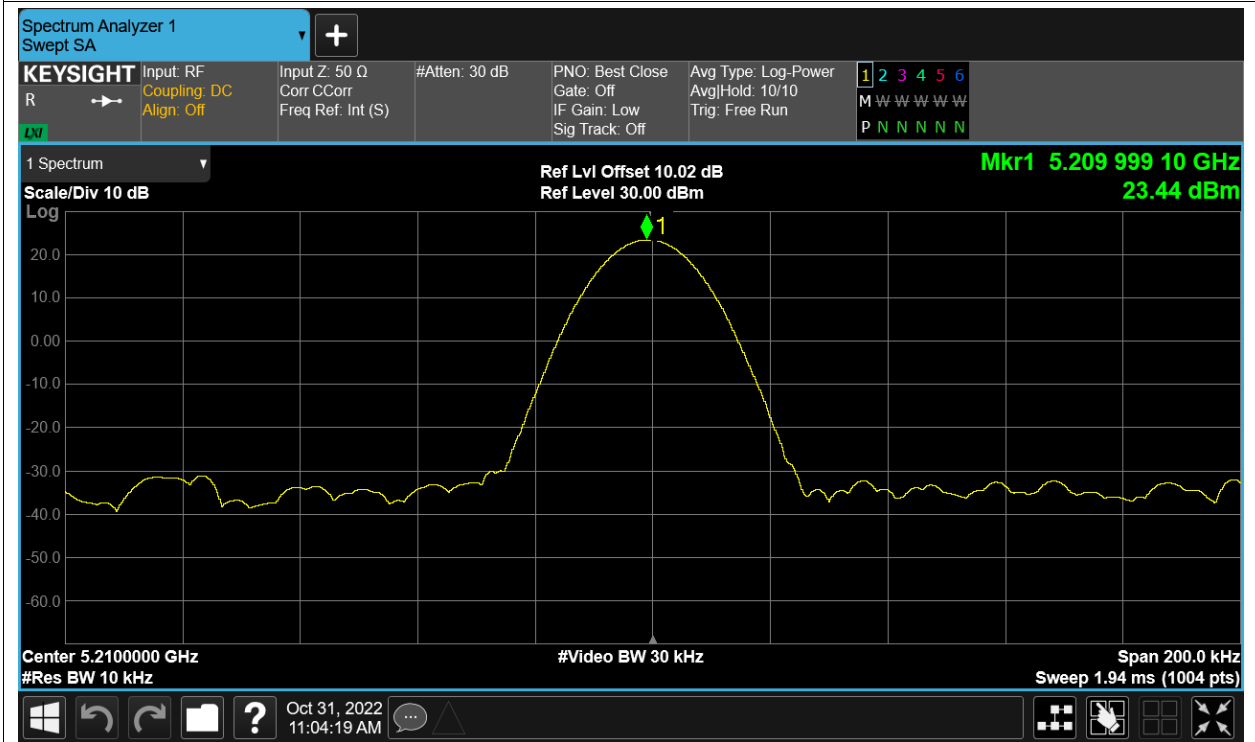
Freq. Stability NVHT ac80 5210MHz Ant2



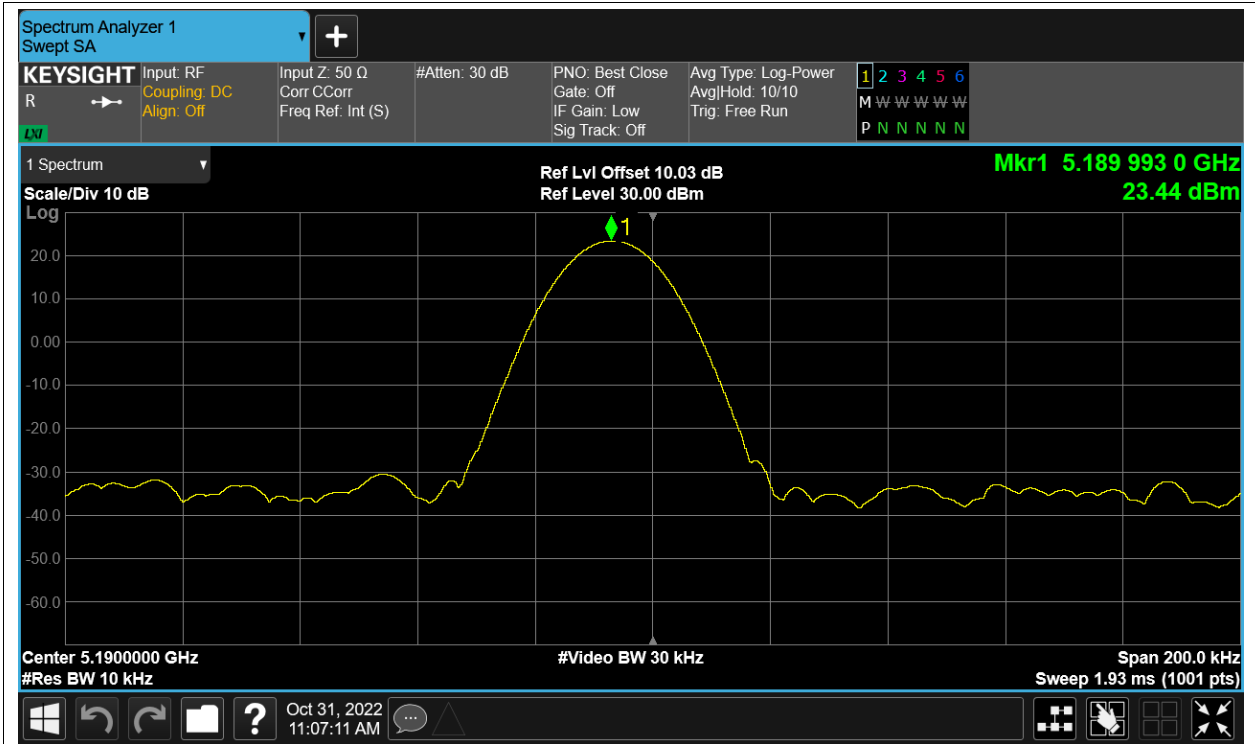
Freq. Stability NVLT ac80 5210MHz Ant2



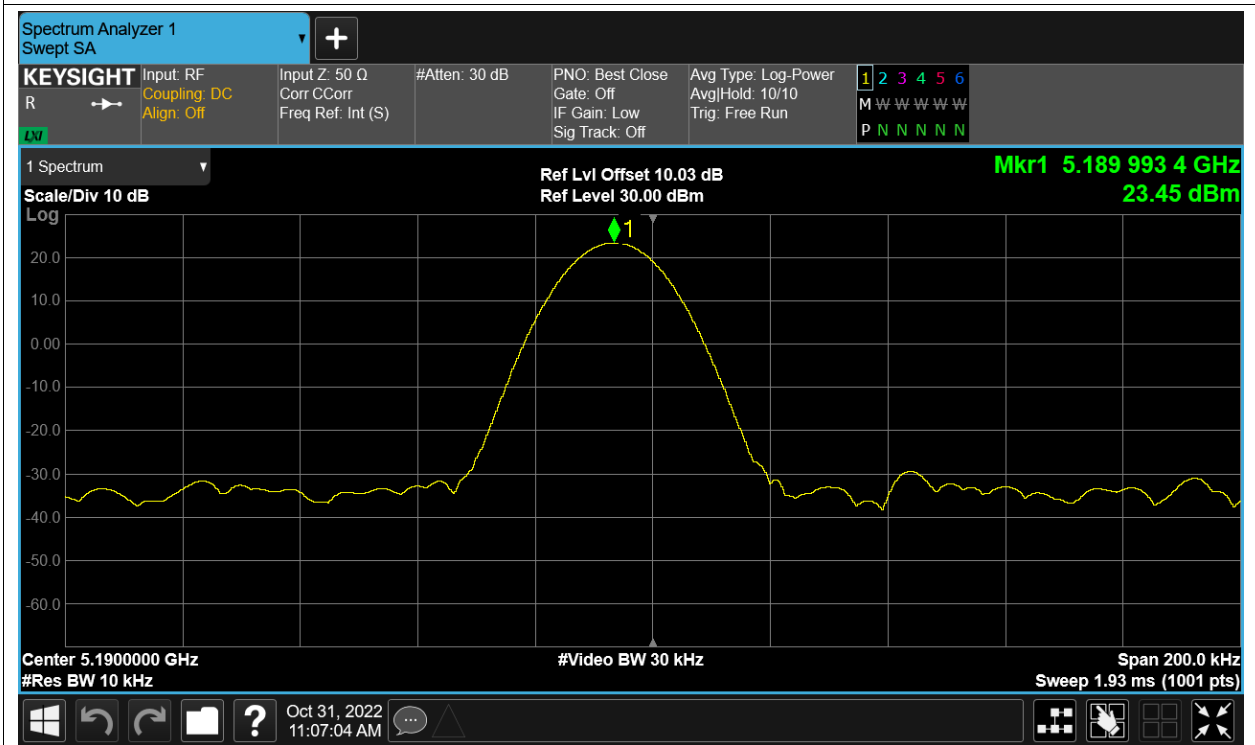
Freq. Stability NVNT ac80 5210MHz Ant2



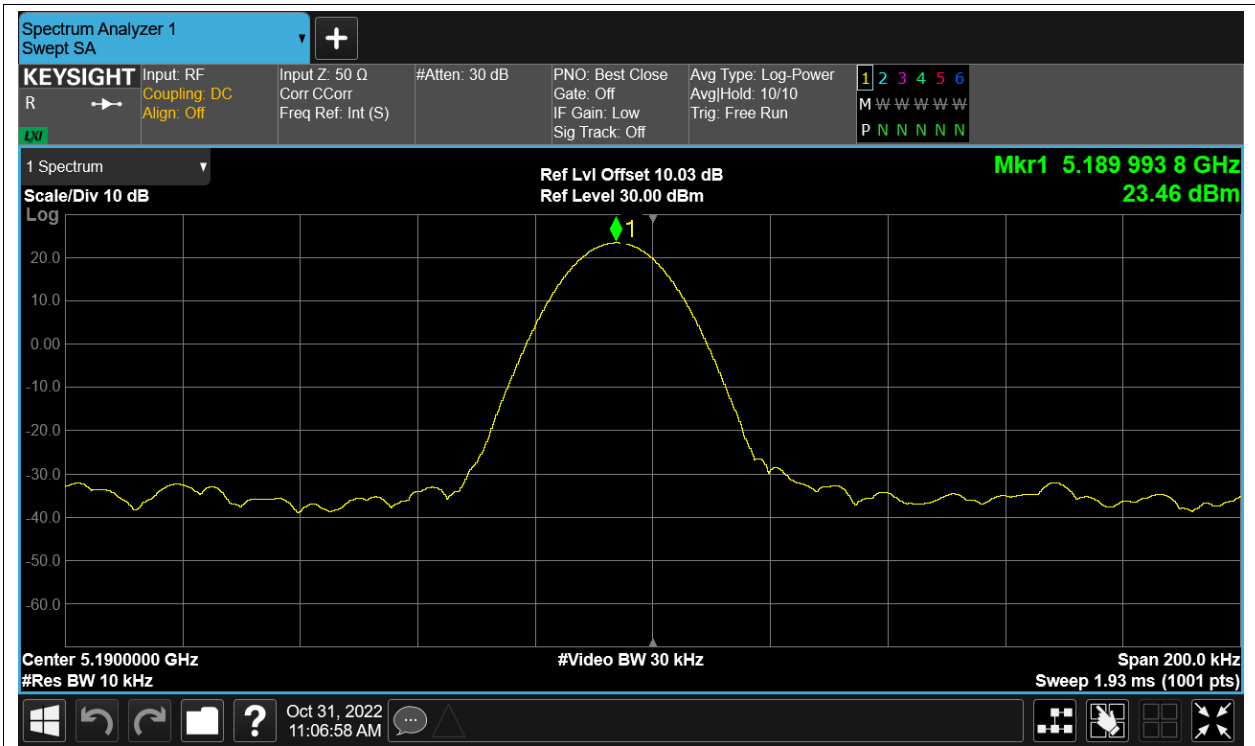
Freq. Stability HVNT n40 5190MHz Ant2



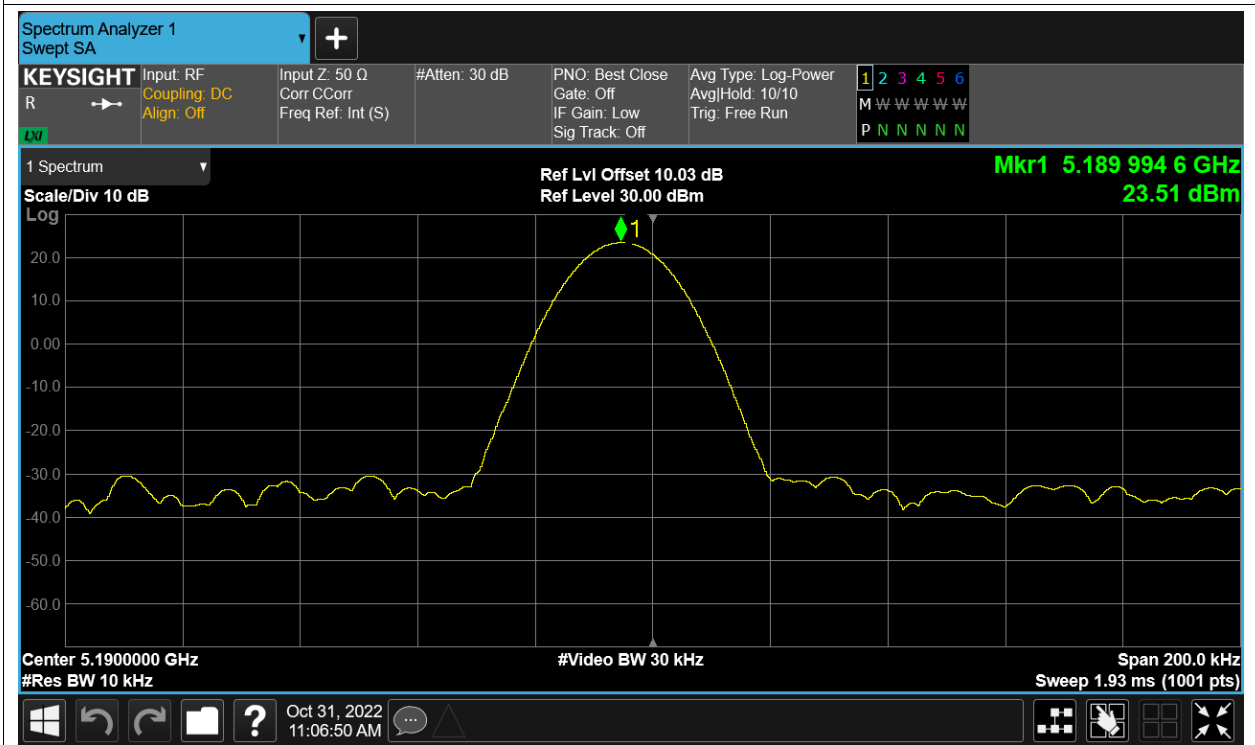
Freq. Stability LVNT n40 5190MHz Ant2



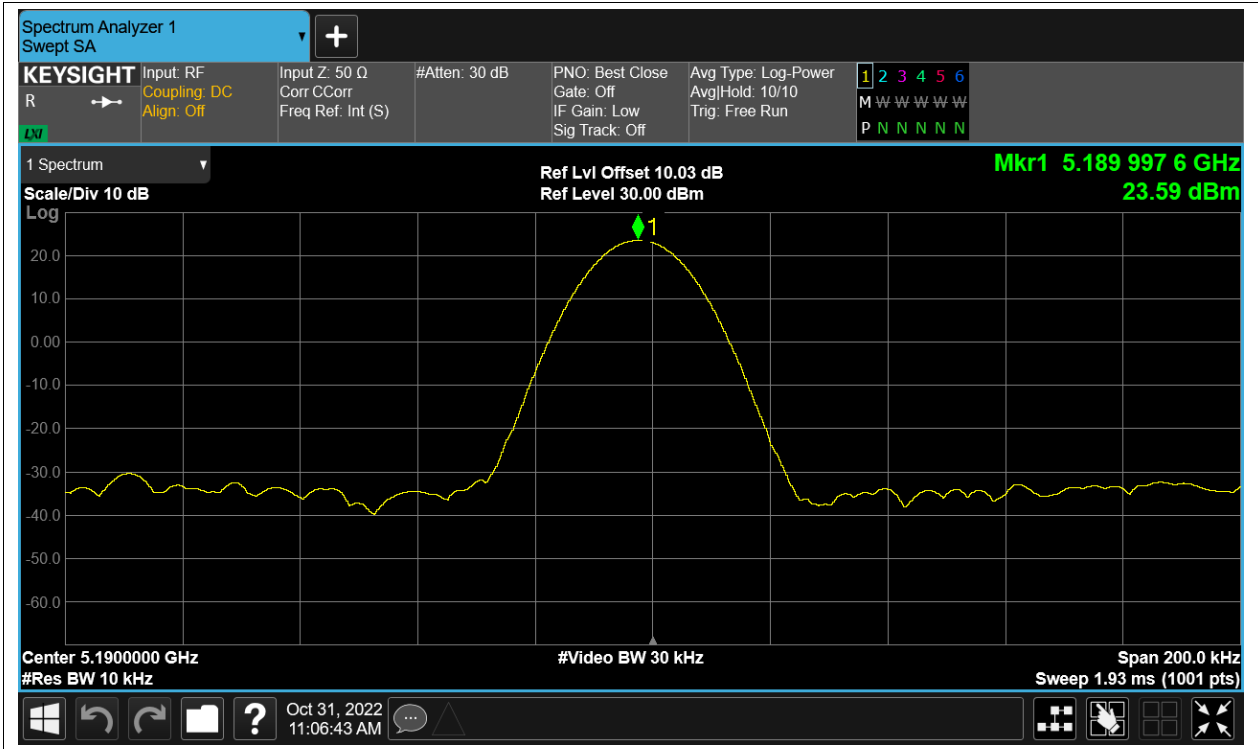
Freq. Stability NVHT n40 5190MHz Ant2



Freq. Stability NVLT n40 5190MHz Ant2



Freq. Stability NVNT n40 5190MHz Ant2

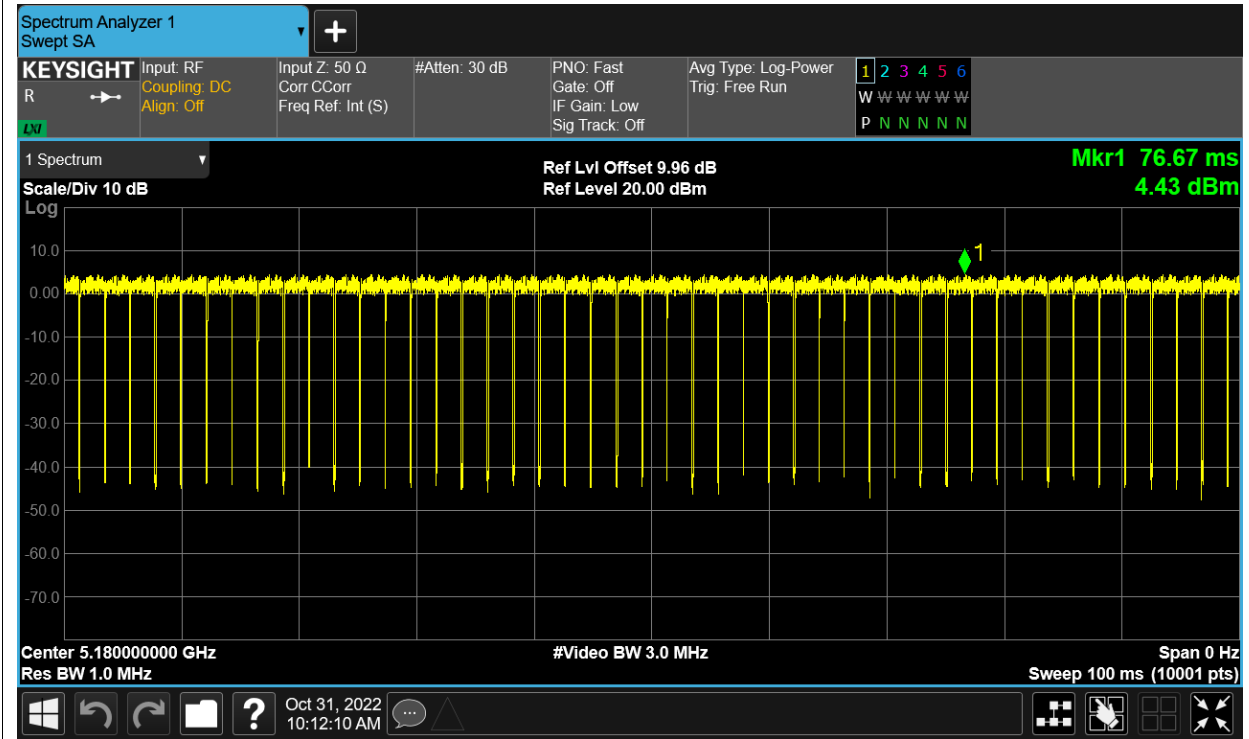


Duty Cycle

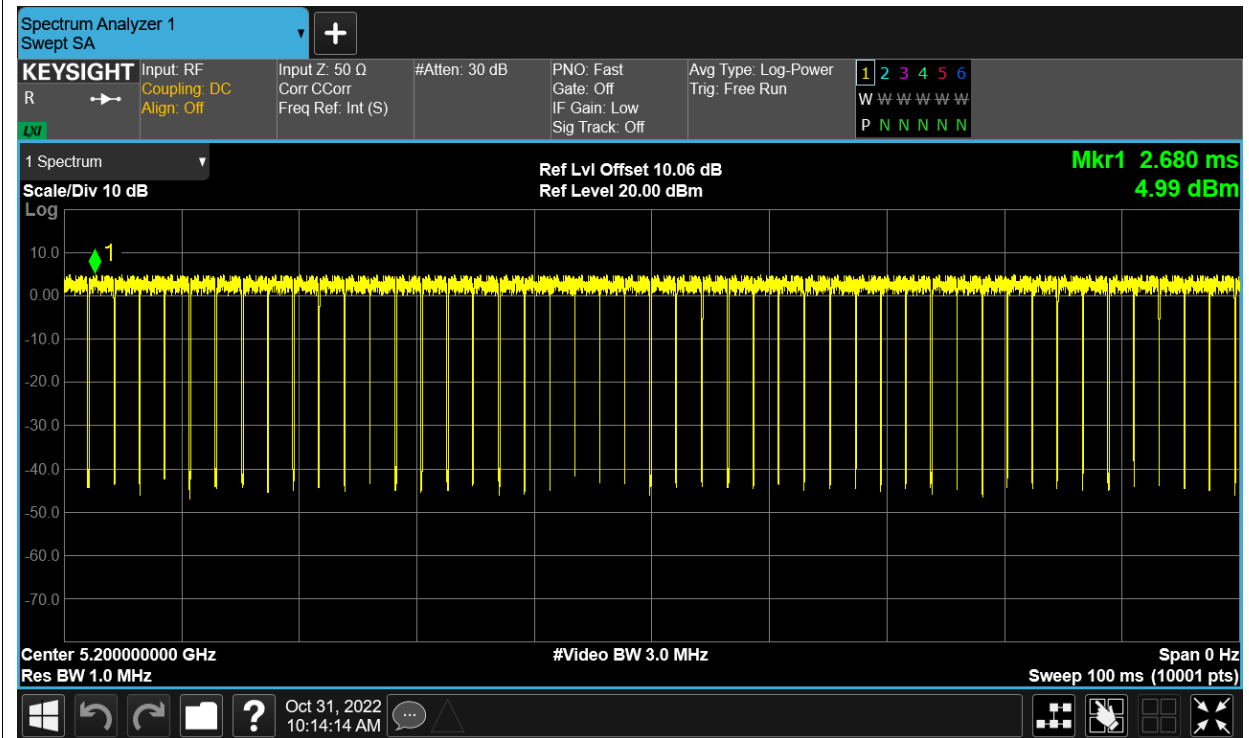
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant2	95.93	0.18
NVNT	a	5200	Ant2	95.91	0.18
NVNT	a	5240	Ant2	95.7	0.19
NVNT	ac20	5180	Ant2	95.12	0.22
NVNT	ac20	5200	Ant2	96.27	0.17
NVNT	ac20	5240	Ant2	95.66	0.19
NVNT	ac40	5190	Ant2	91.66	0.38
NVNT	ac40	5230	Ant2	91.25	0.4
NVNT	ac80	5210	Ant2	83.44	0.79
NVNT	n20	5180	Ant2	95.38	0.21
NVNT	n20	5200	Ant2	95.4	0.2
NVNT	n20	5240	Ant2	95.74	0.19
NVNT	n40	5190	Ant2	91.87	0.37
NVNT	n40	5230	Ant2	91.6	0.38

Test Graphs

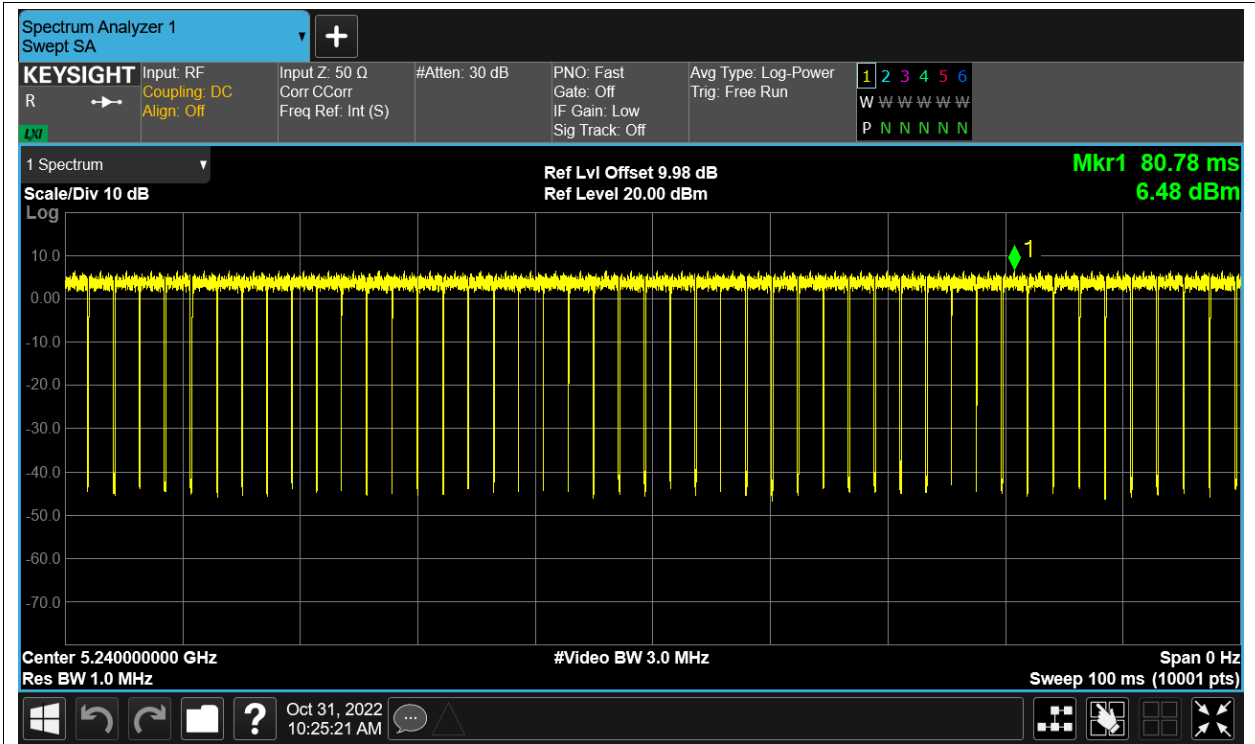
Duty Cycle NVNT a 5180MHz Ant2



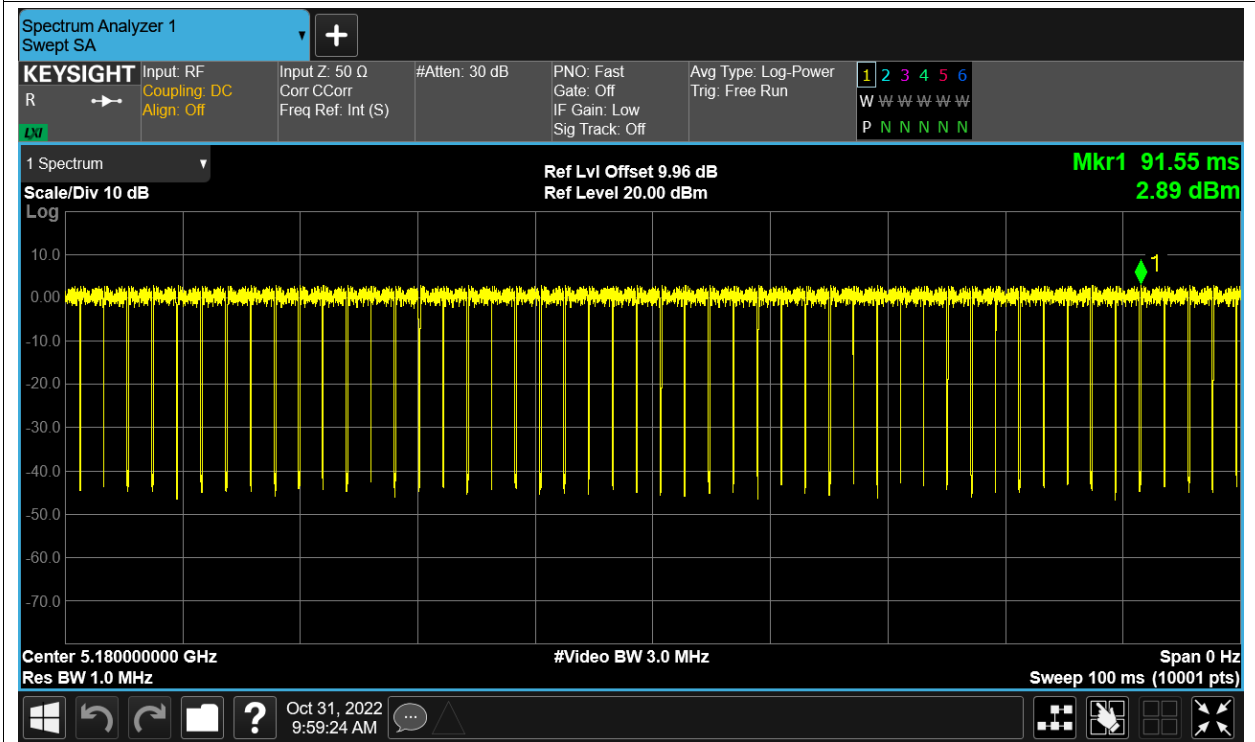
Duty Cycle NVNT a 5200MHz Ant2



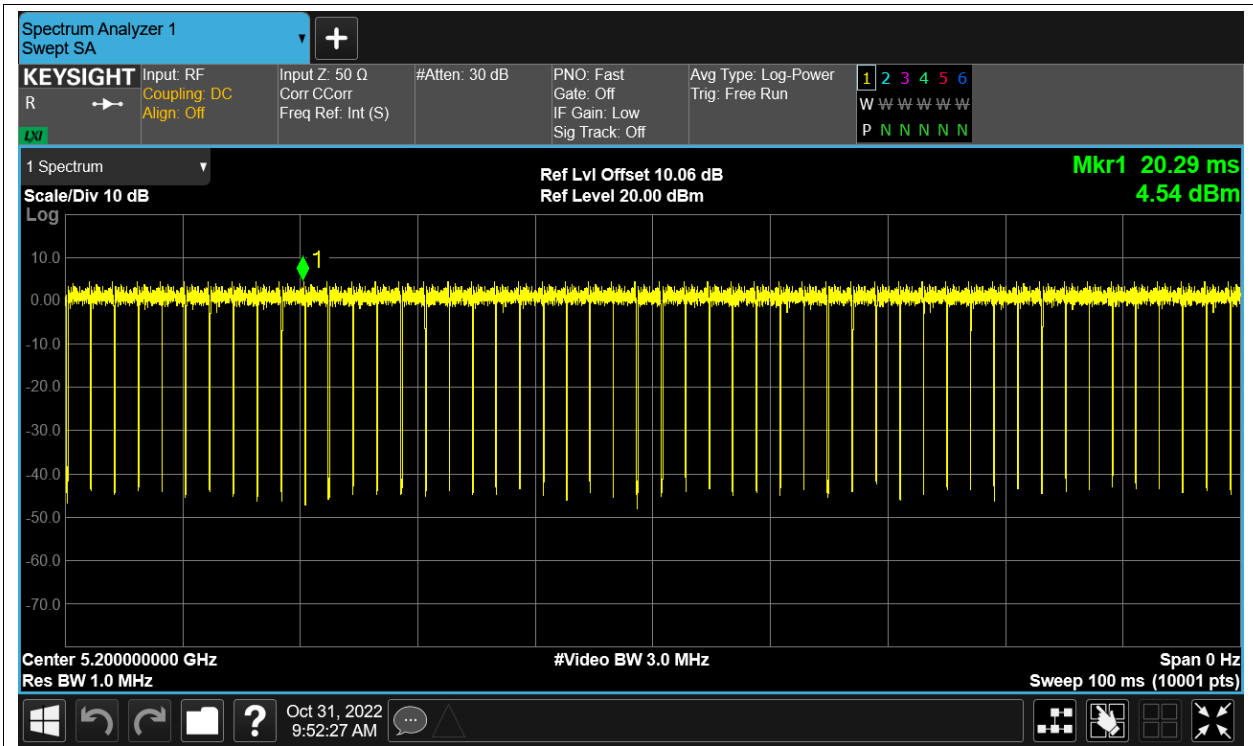
Duty Cycle NVNT a 5240MHz Ant2



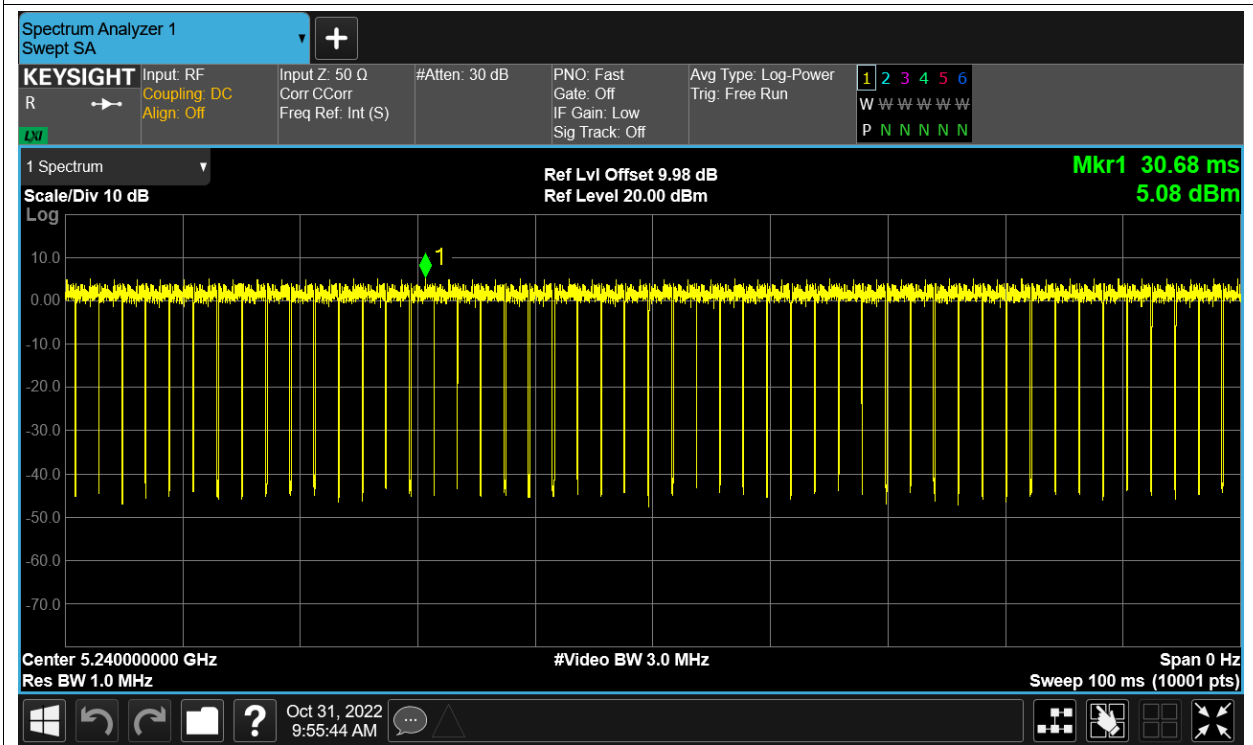
Duty Cycle NVNT ac20 5180MHz Ant2



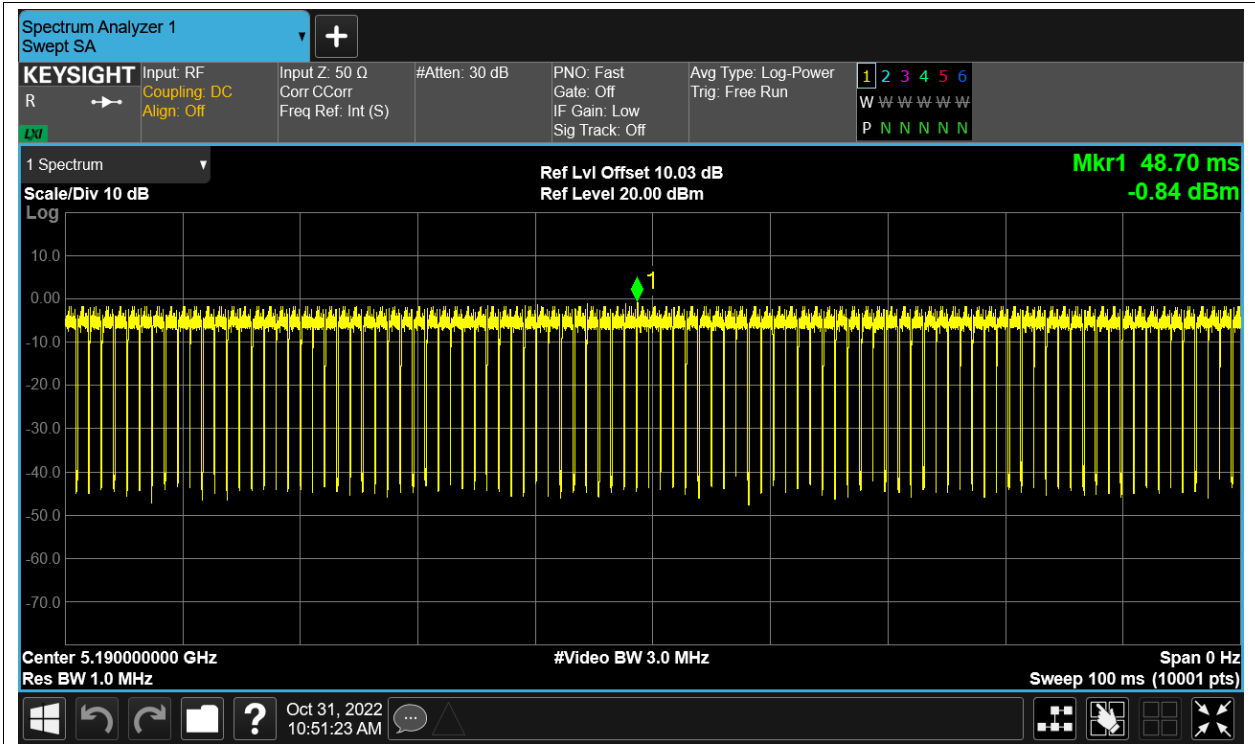
Duty Cycle NVNT ac20 5200MHz Ant2



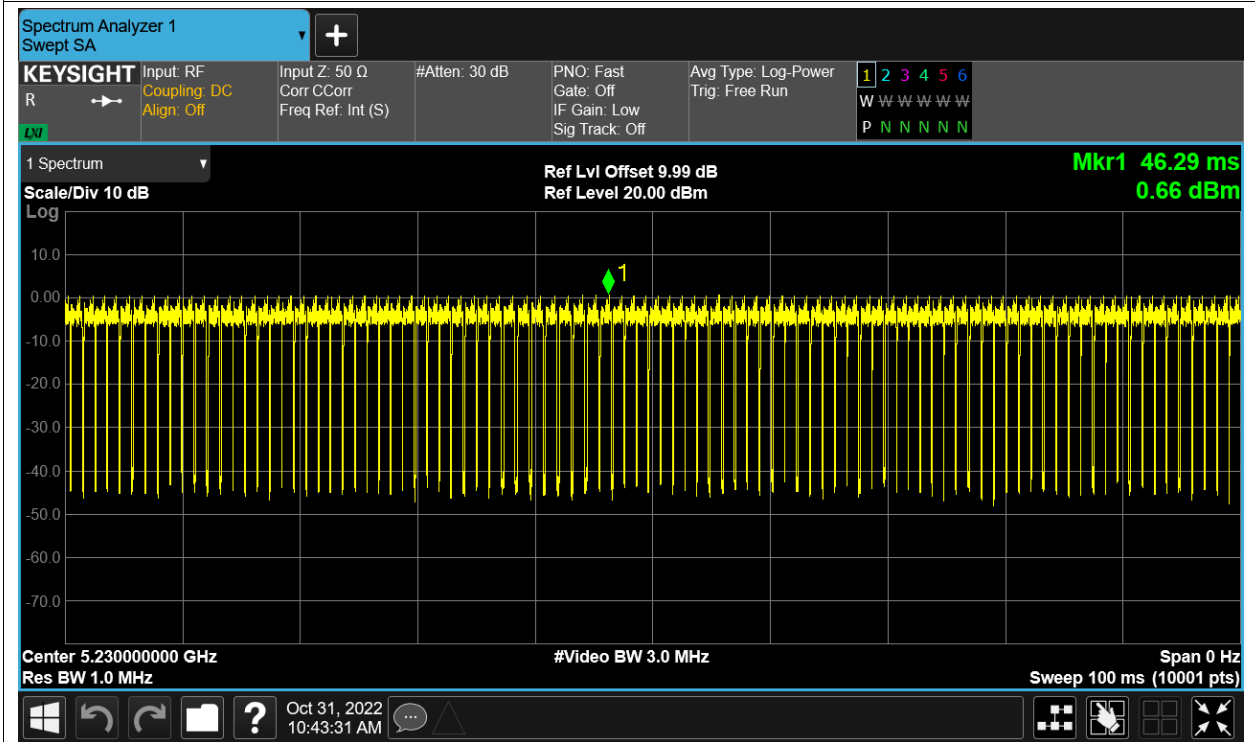
Duty Cycle NVNT ac20 5240MHz Ant2



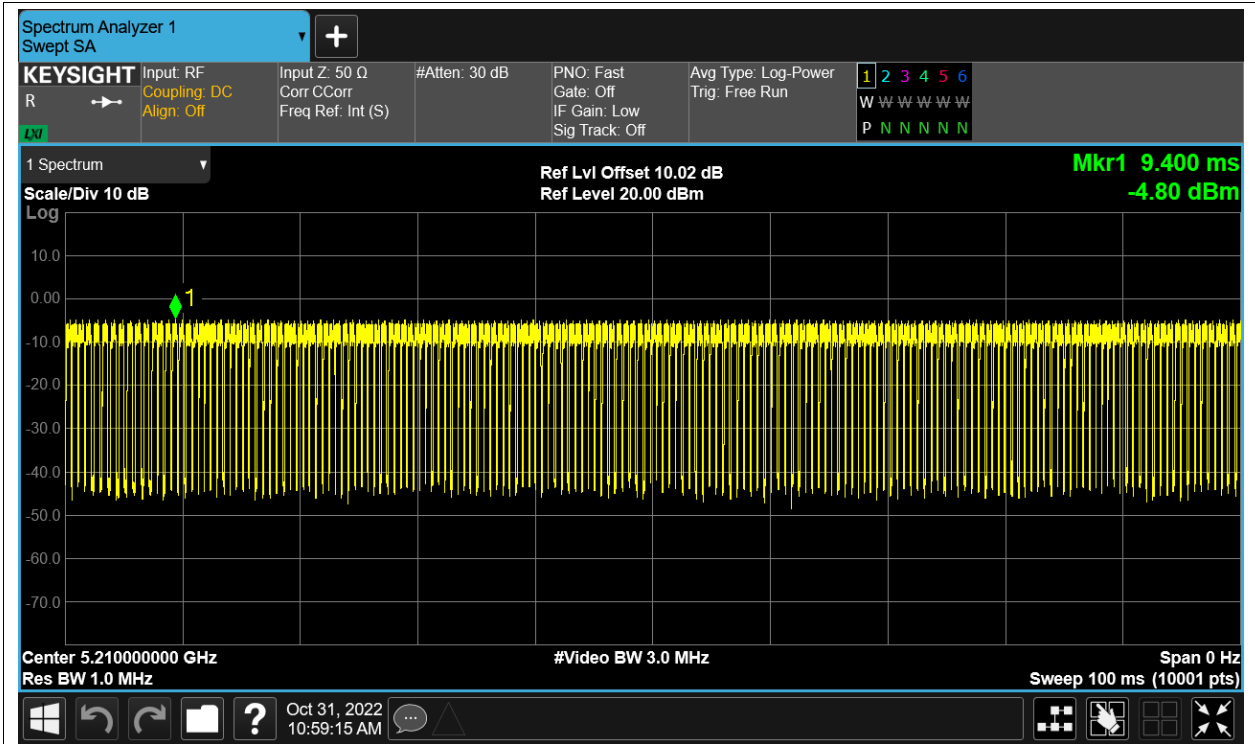
Duty Cycle NVNT ac40 5190MHz Ant2



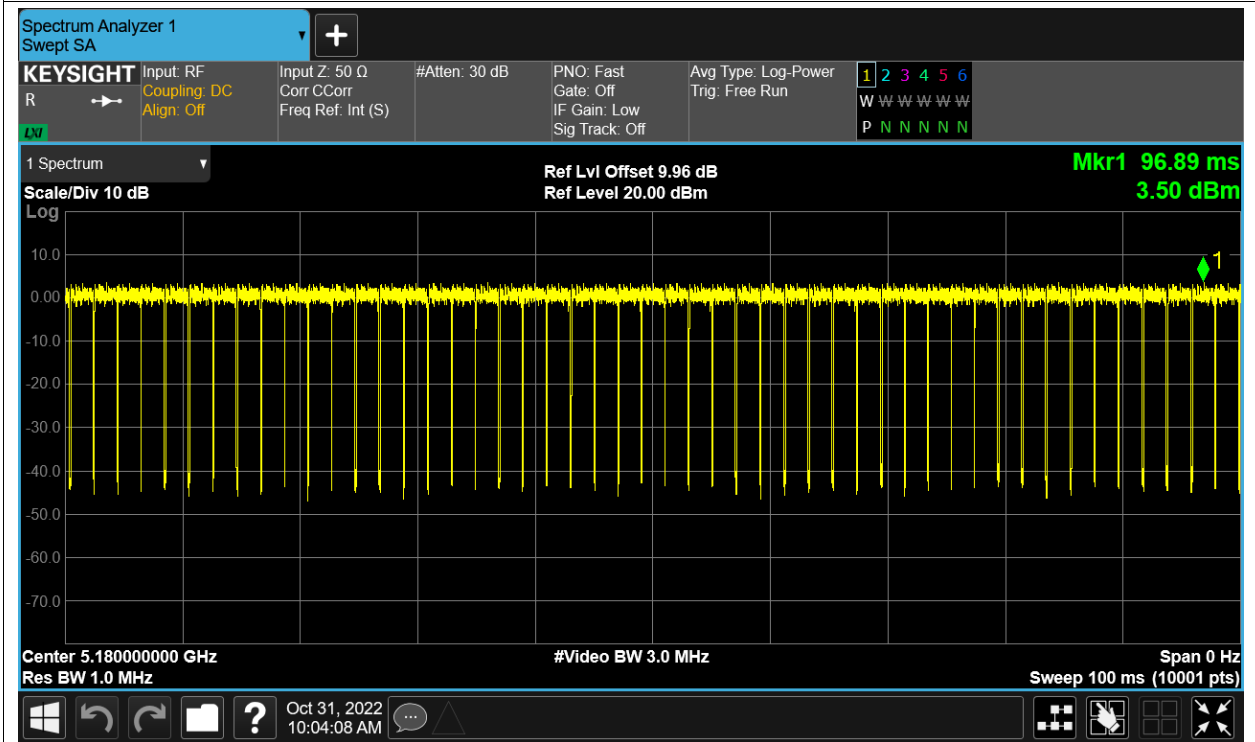
Duty Cycle NVNT ac40 5230MHz Ant2



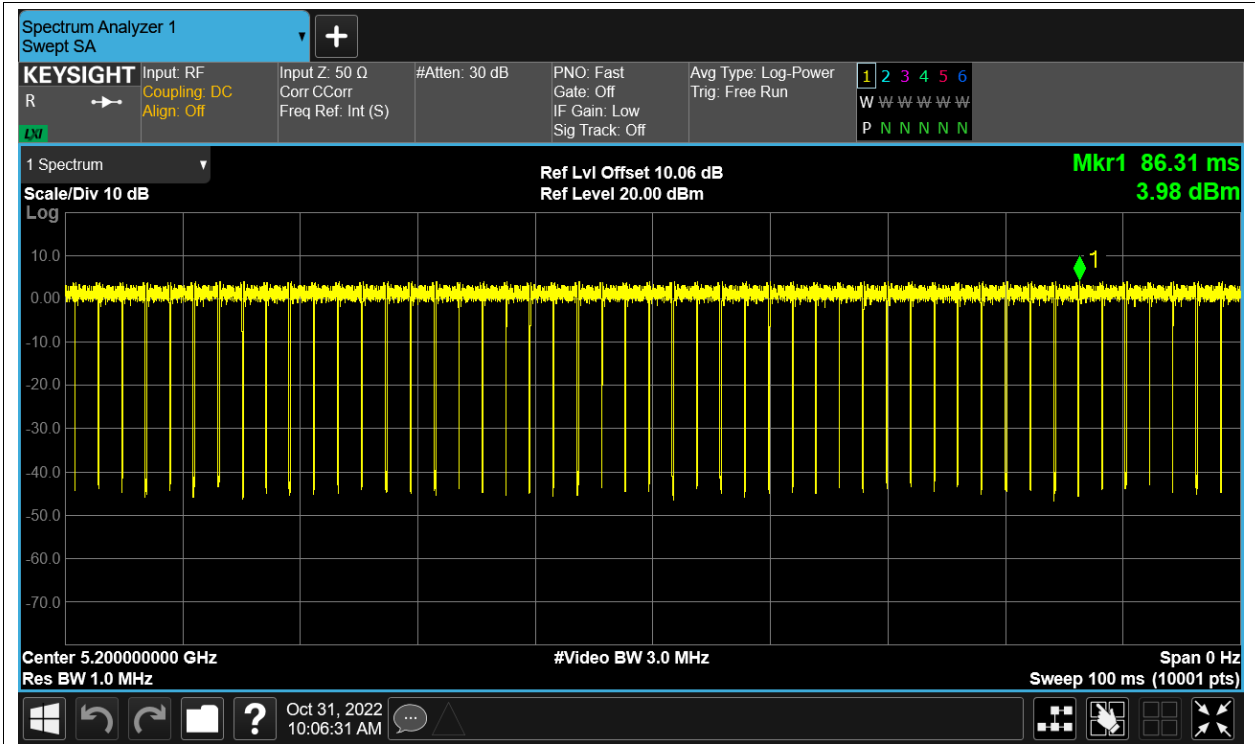
Duty Cycle NVNT ac80 5210MHz Ant2



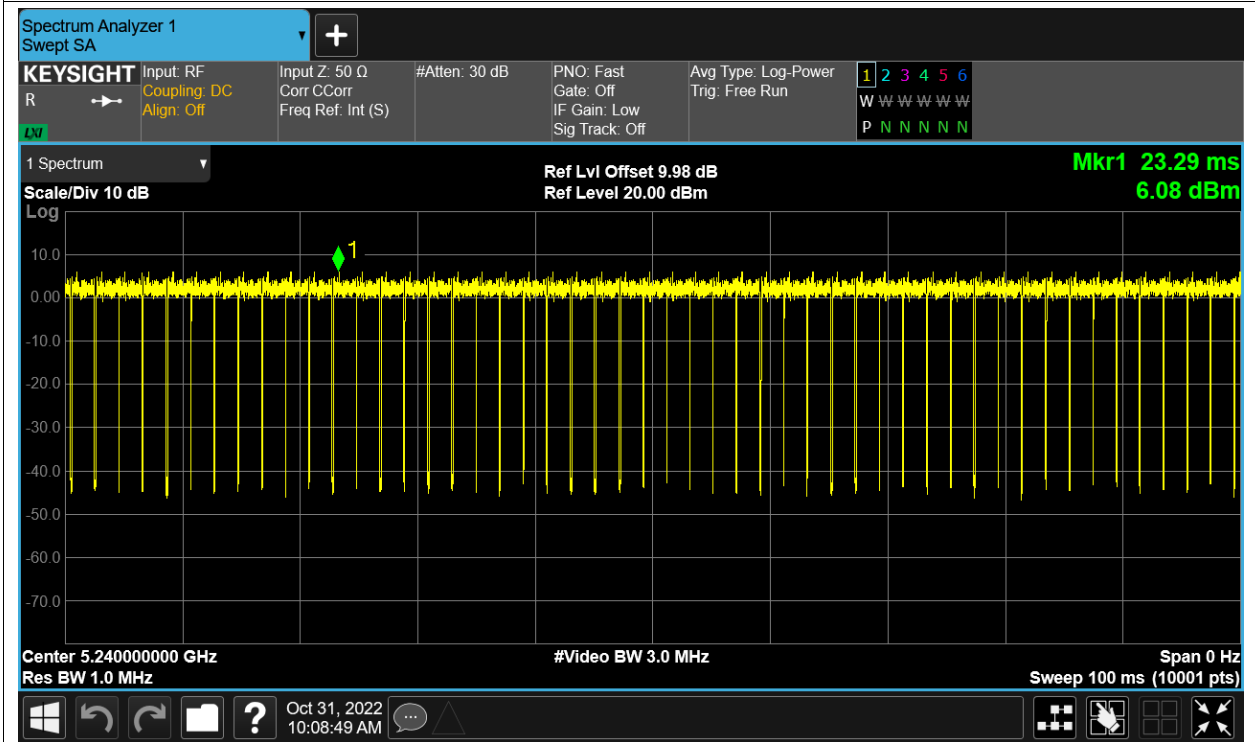
Duty Cycle NVNT n20 5180MHz Ant2



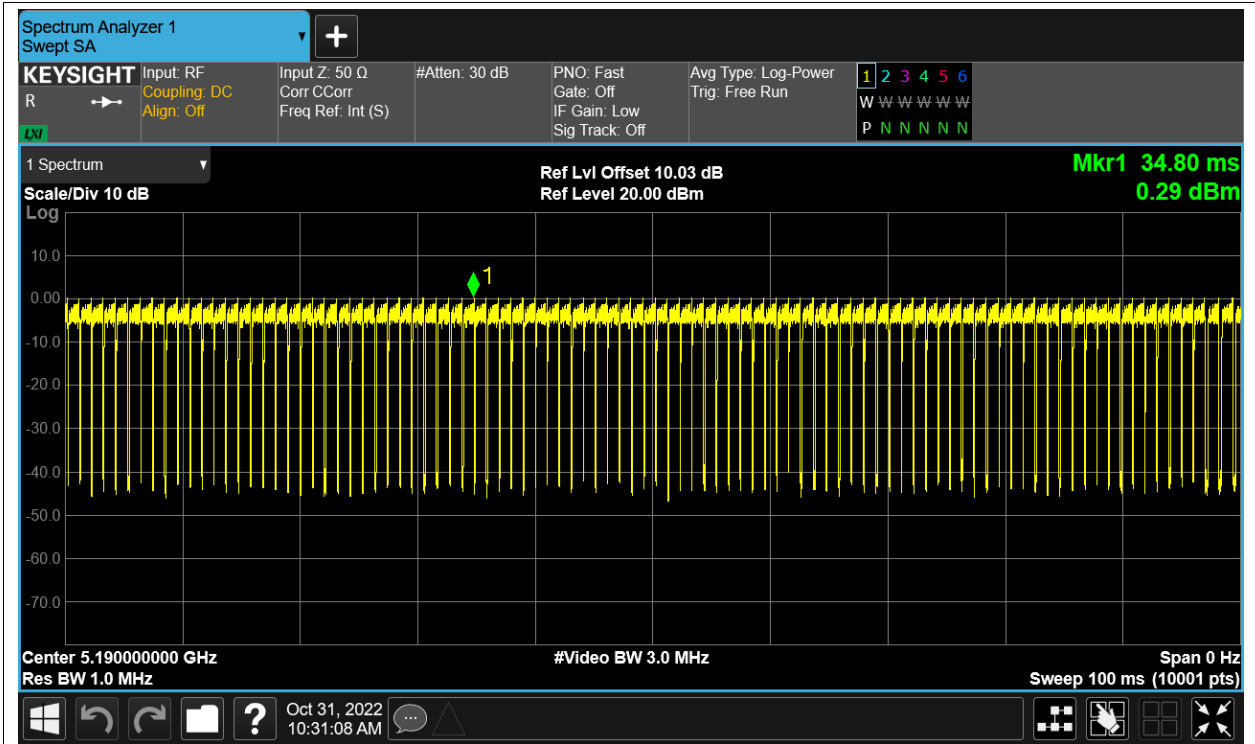
Duty Cycle NVNT n20 5200MHz Ant2



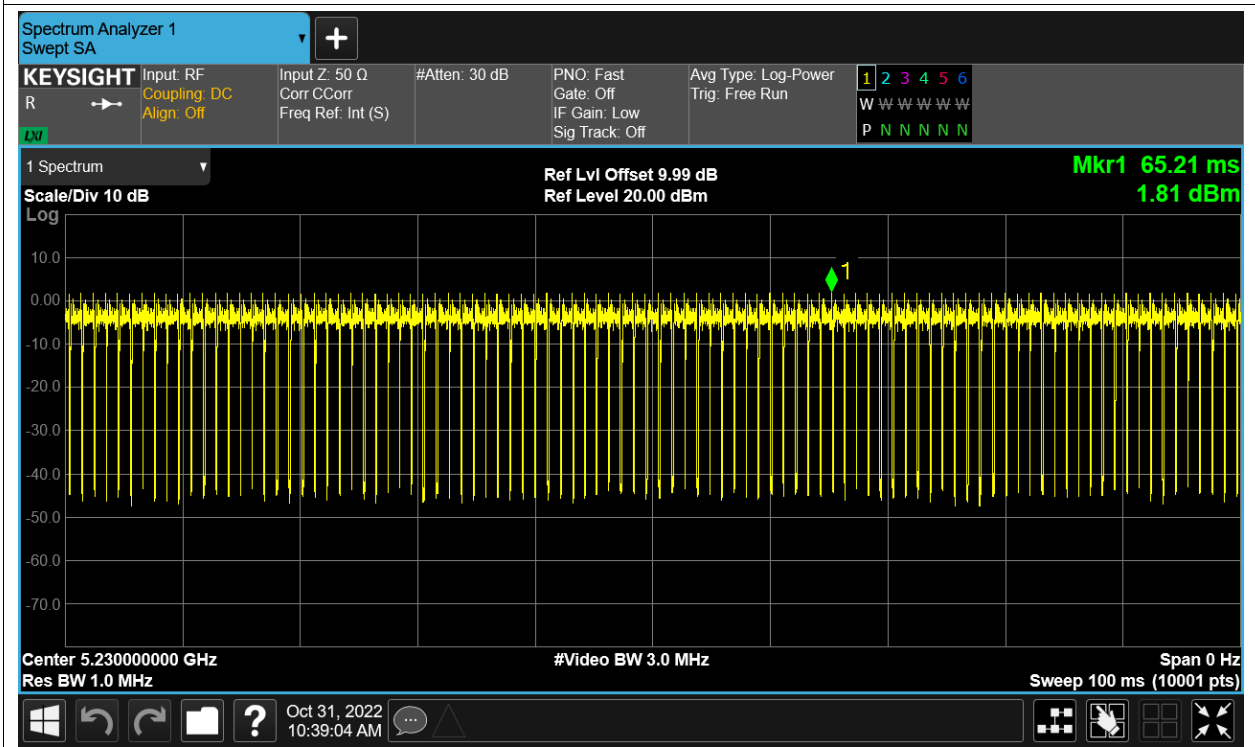
Duty Cycle NVNT n20 5240MHz Ant2



Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2

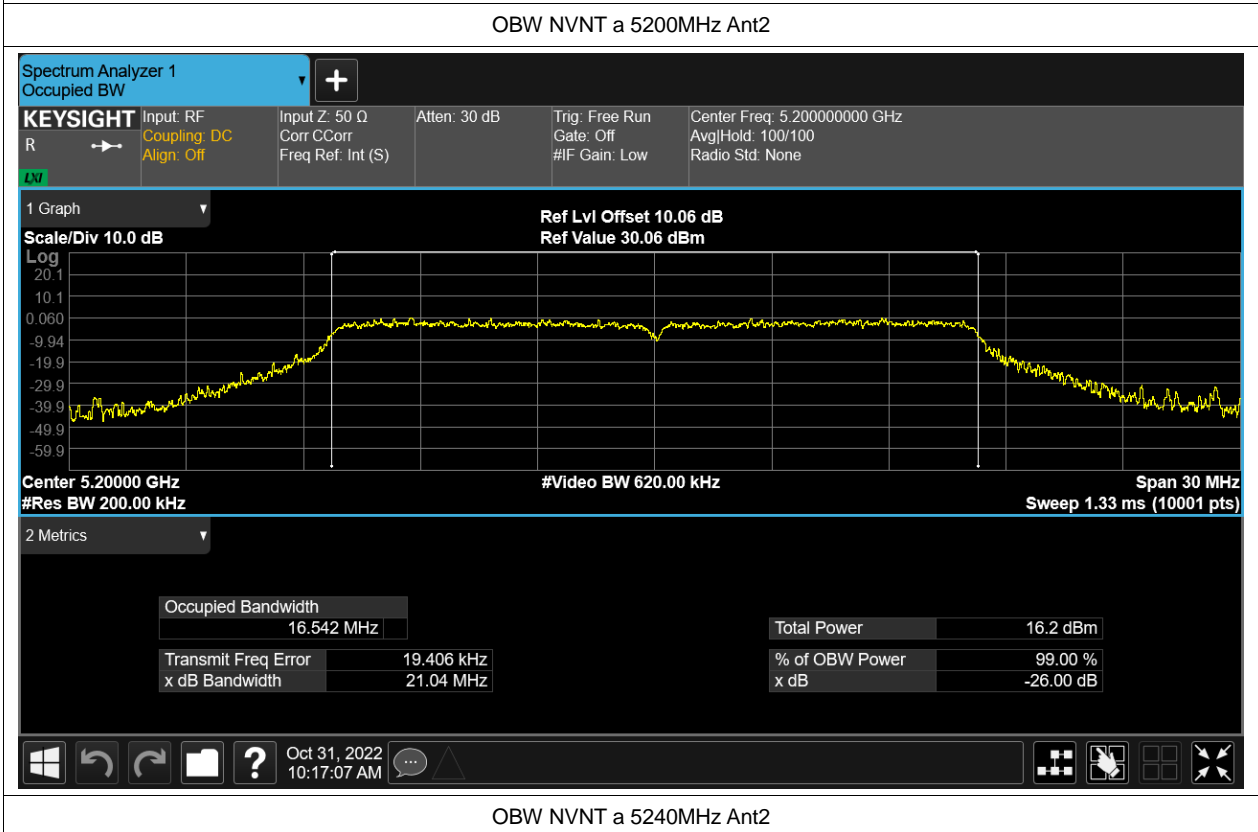
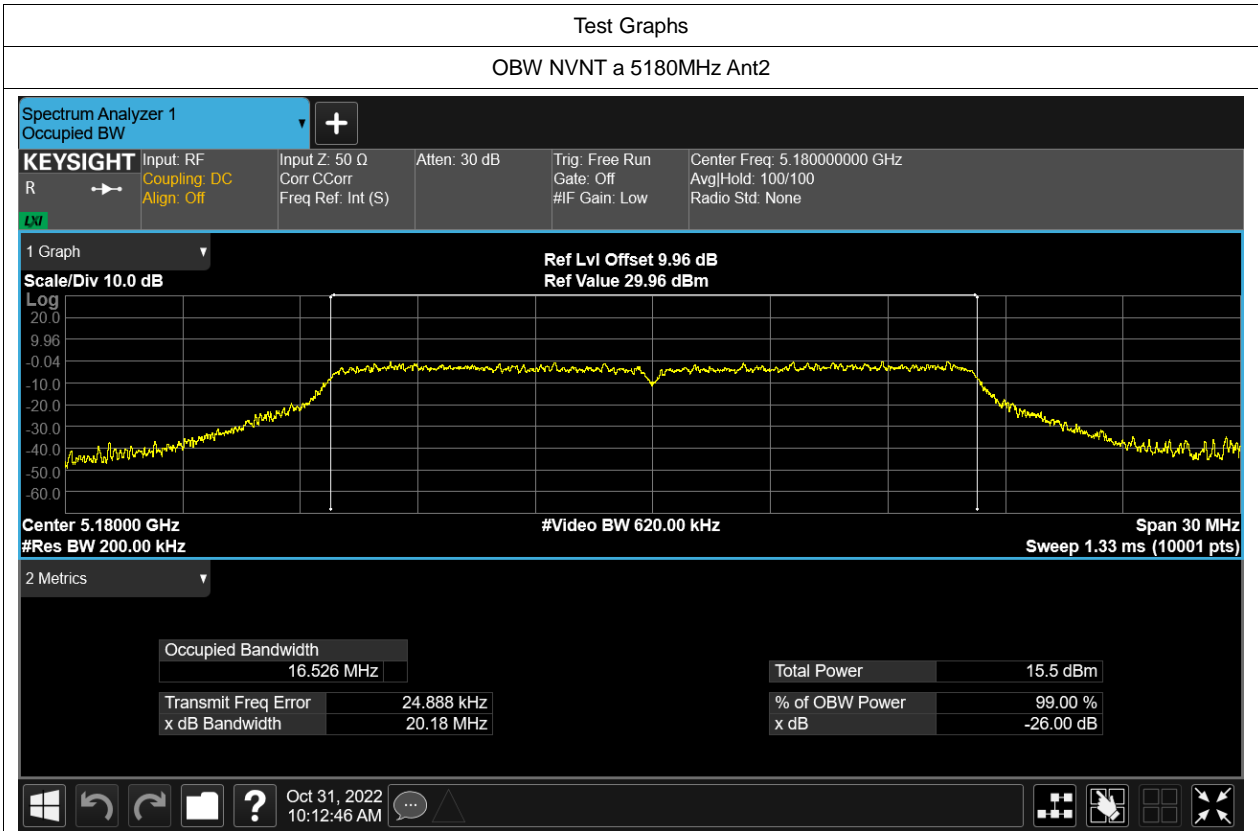


Maximum Conducted Output Power

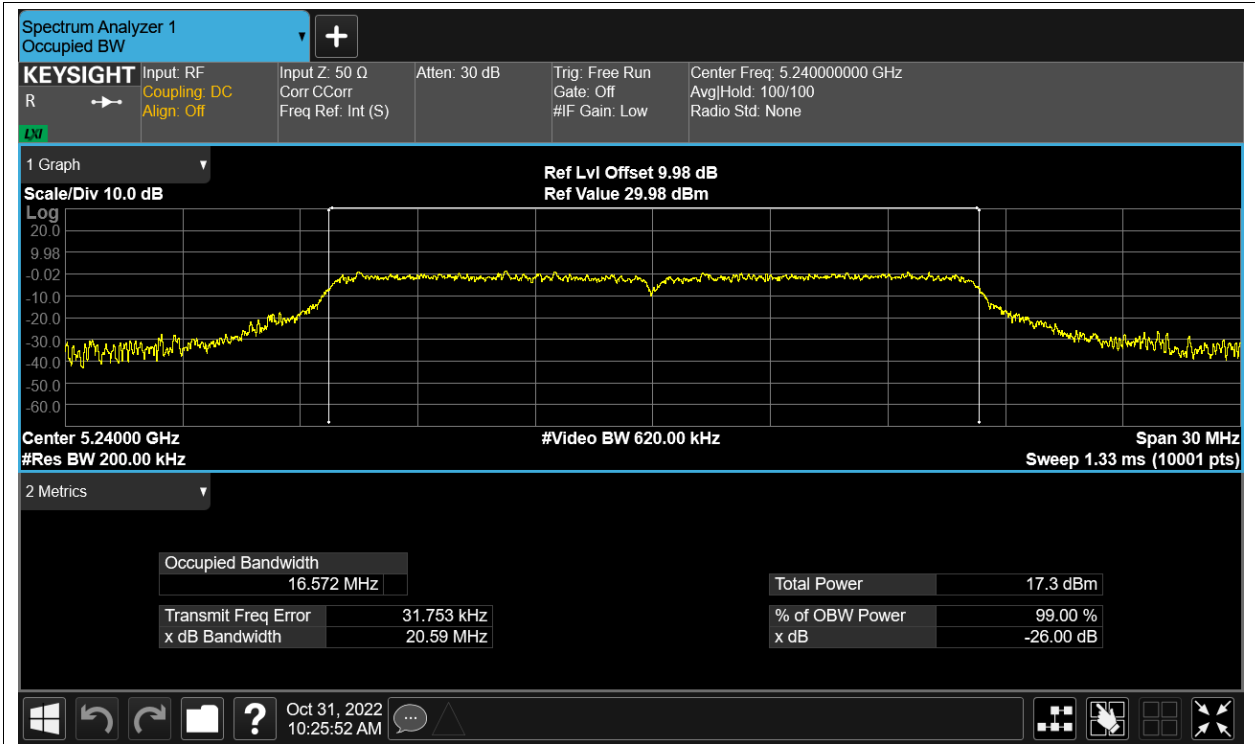
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	10.88	0.18	11.06	24	Pass
NVNT	a	5200	Ant2	11.43	0.18	11.61	24	Pass
NVNT	a	5240	Ant2	12.28	0.19	12.47	24	Pass
NVNT	ac20	5180	Ant2	9.64	0.22	9.86	24	Pass
NVNT	ac20	5200	Ant2	10.09	0.17	10.26	24	Pass
NVNT	ac20	5240	Ant2	10.72	0.19	10.91	24	Pass
NVNT	ac40	5190	Ant2	9.64	0.38	10.02	24	Pass
NVNT	ac40	5230	Ant2	10.38	0.4	10.78	24	Pass
NVNT	ac80	5210	Ant2	9.22	0.79	10.01	24	Pass
NVNT	n20	5180	Ant2	9.87	0.21	10.08	24	Pass
NVNT	n20	5200	Ant2	10.47	0.2	10.67	24	Pass
NVNT	n20	5240	Ant2	11.23	0.19	11.42	24	Pass
NVNT	n40	5190	Ant2	10.53	0.37	10.9	24	Pass
NVNT	n40	5230	Ant2	10.83	0.38	11.21	24	Pass

Occupied Channel Bandwidth

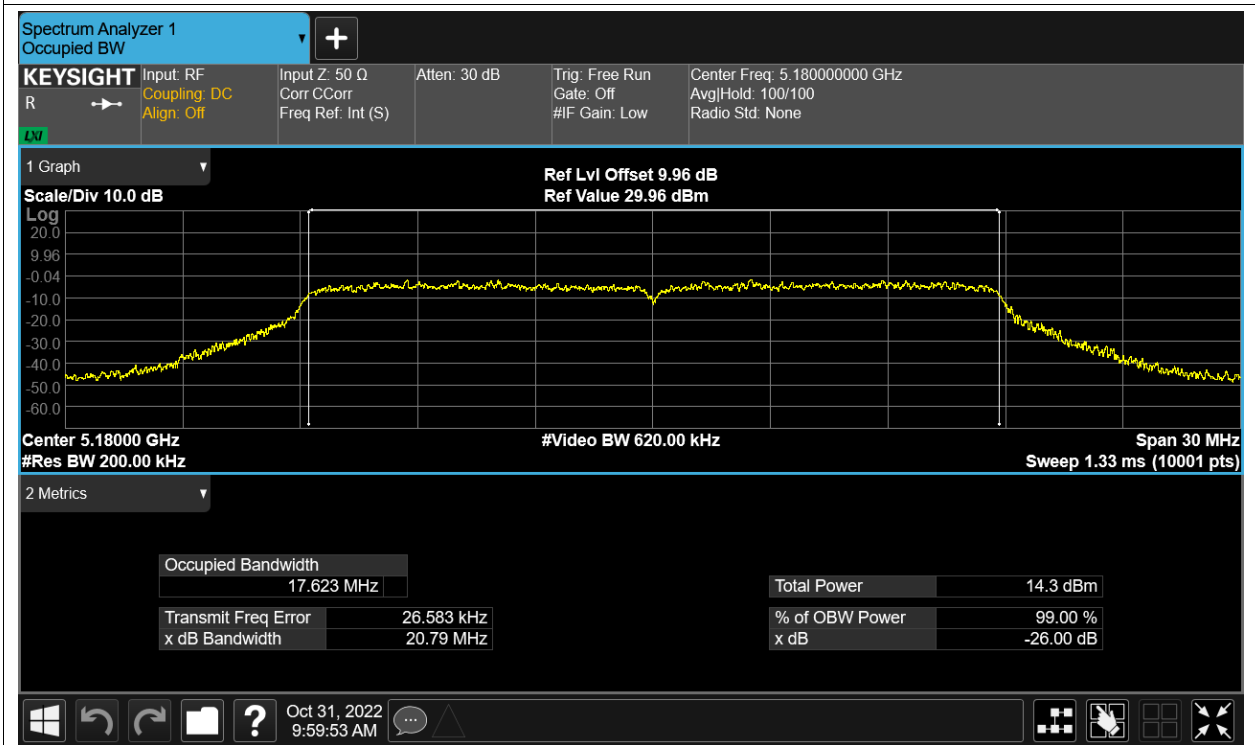
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant2	16.526
NVNT	a	5200	Ant2	16.542
NVNT	a	5240	Ant2	16.572
NVNT	ac20	5180	Ant2	17.623
NVNT	ac20	5200	Ant2	17.613
NVNT	ac20	5240	Ant2	17.598
NVNT	ac40	5190	Ant2	36.168
NVNT	ac40	5230	Ant2	36.211
NVNT	ac80	5210	Ant2	75.309
NVNT	n20	5180	Ant2	17.63
NVNT	n20	5200	Ant2	17.643
NVNT	n20	5240	Ant2	17.594
NVNT	n40	5190	Ant2	36.154
NVNT	n40	5230	Ant2	36.188



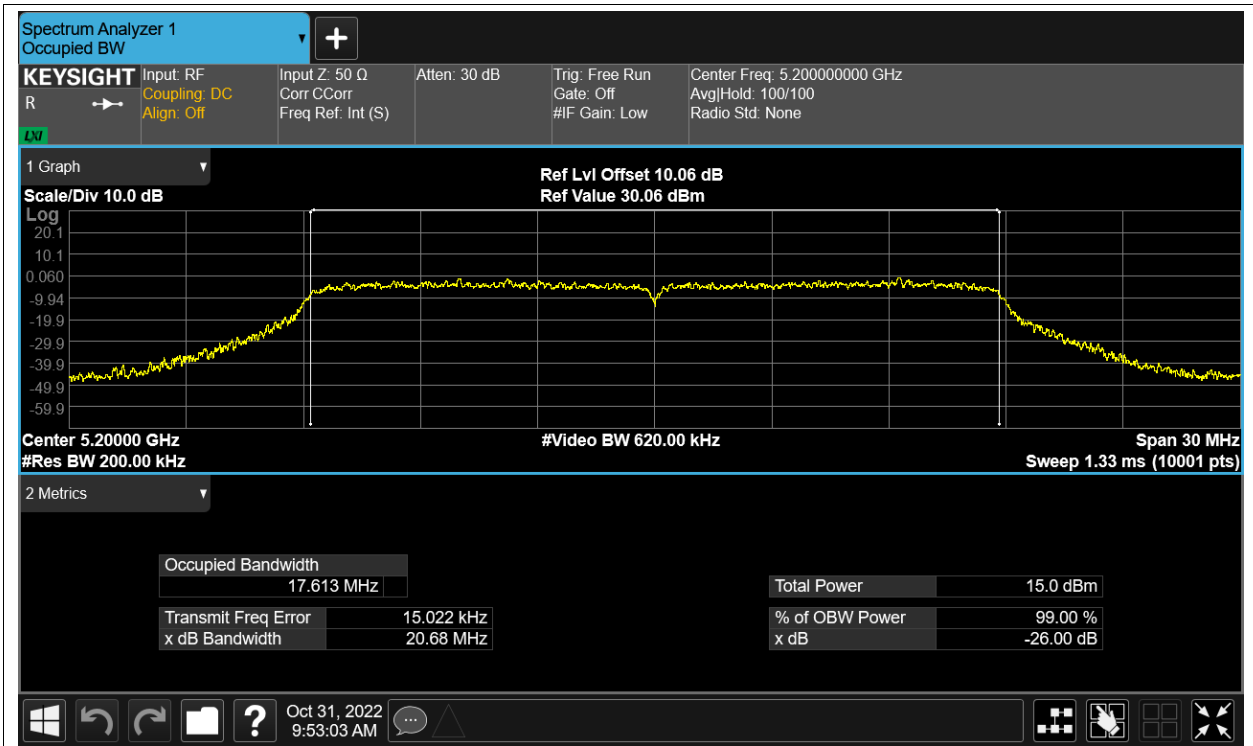
OBW NVNT a 5240MHz Ant2



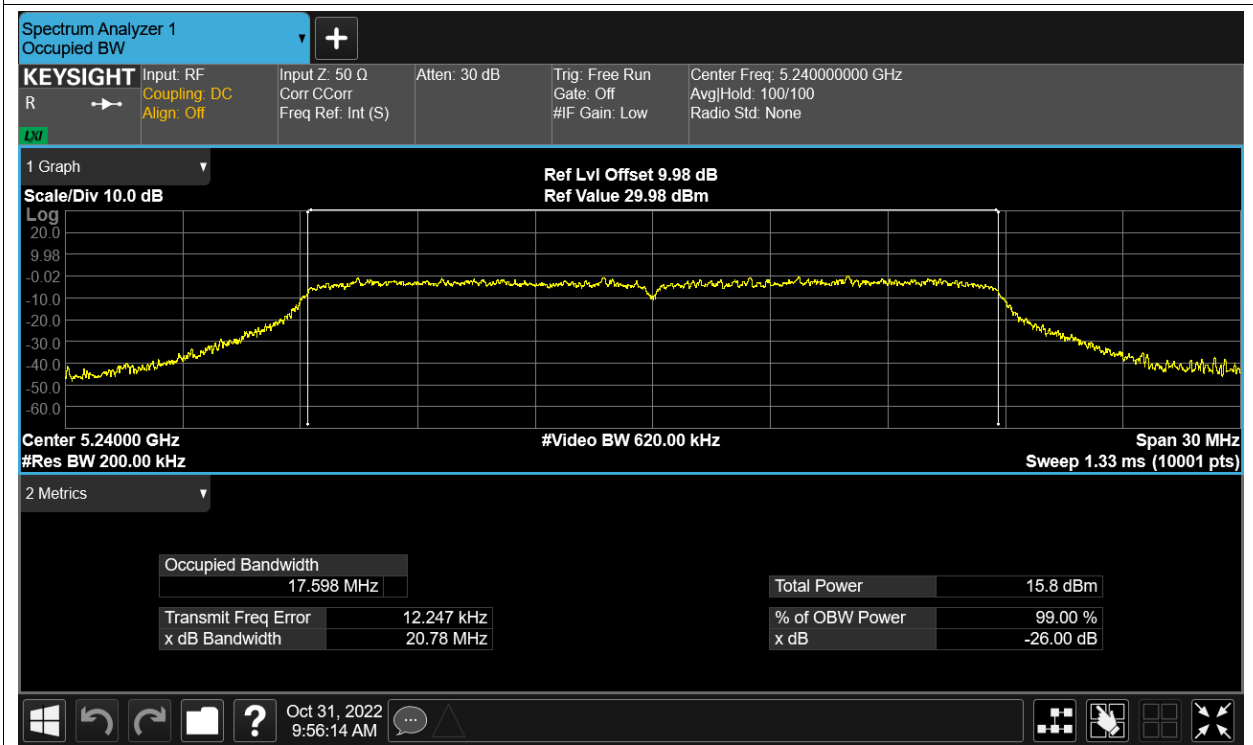
OBW NVNT ac20 5180MHz Ant2



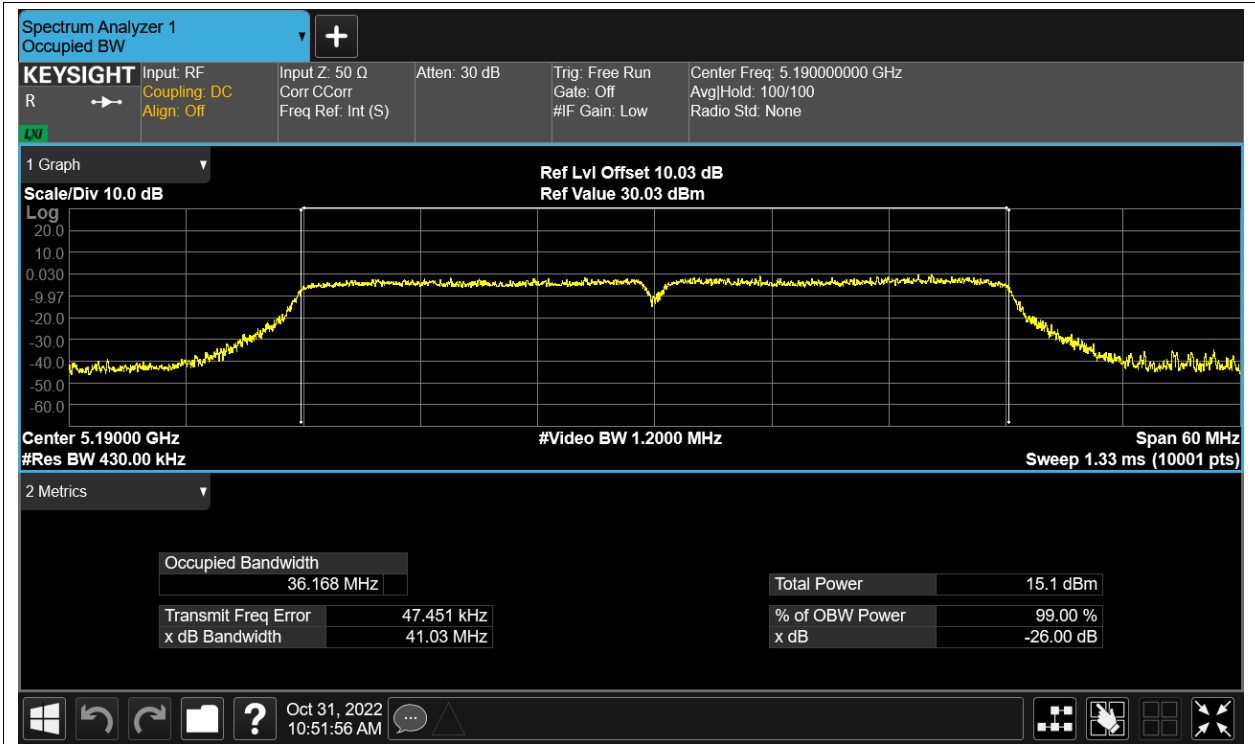
OBW NVNT ac20 5200MHz Ant2



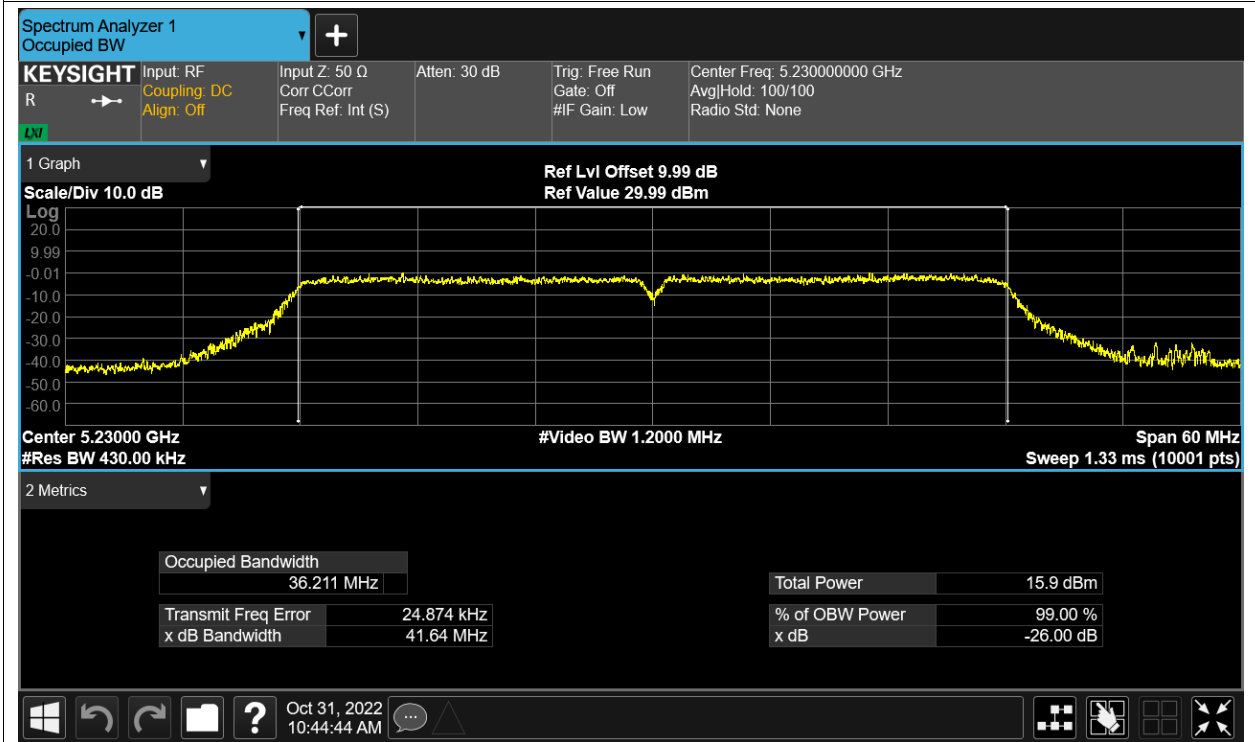
OBW NVNT ac20 5240MHz Ant2



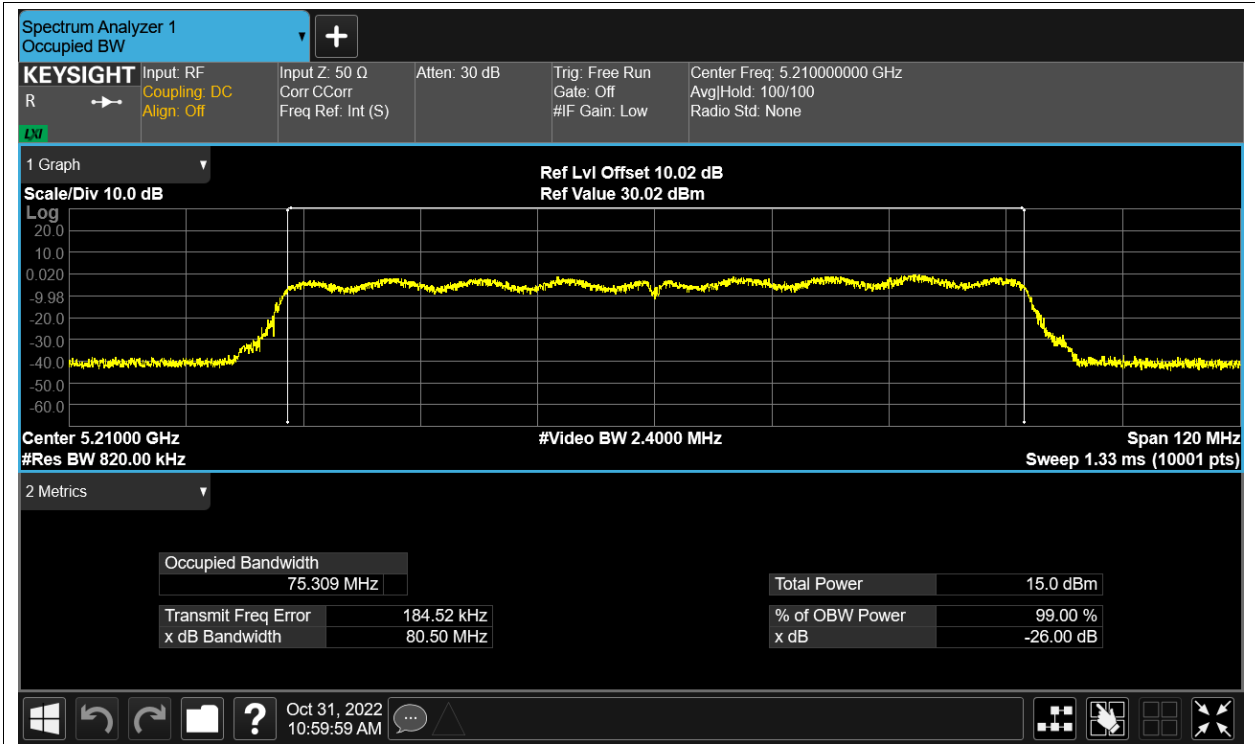
OBW NVNT ac40 5190MHz Ant2



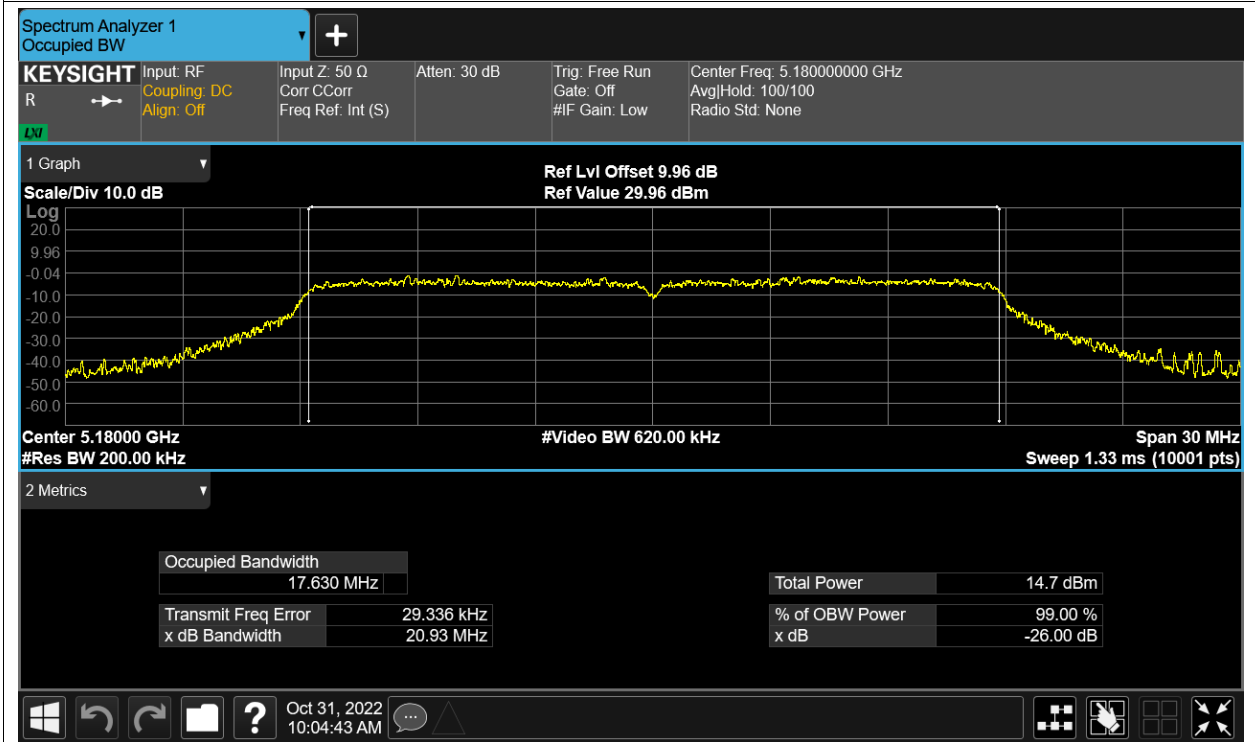
OBW NVNT ac40 5230MHz Ant2



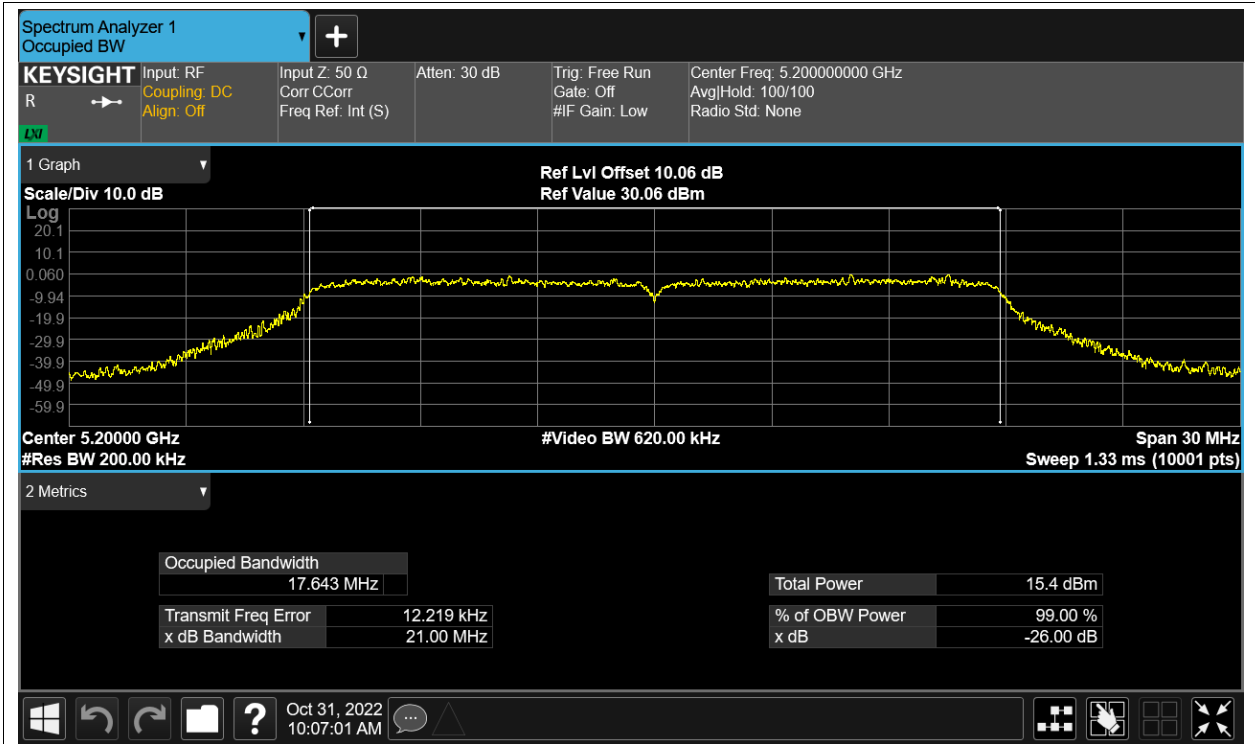
OBW NVNT ac80 5210MHz Ant2



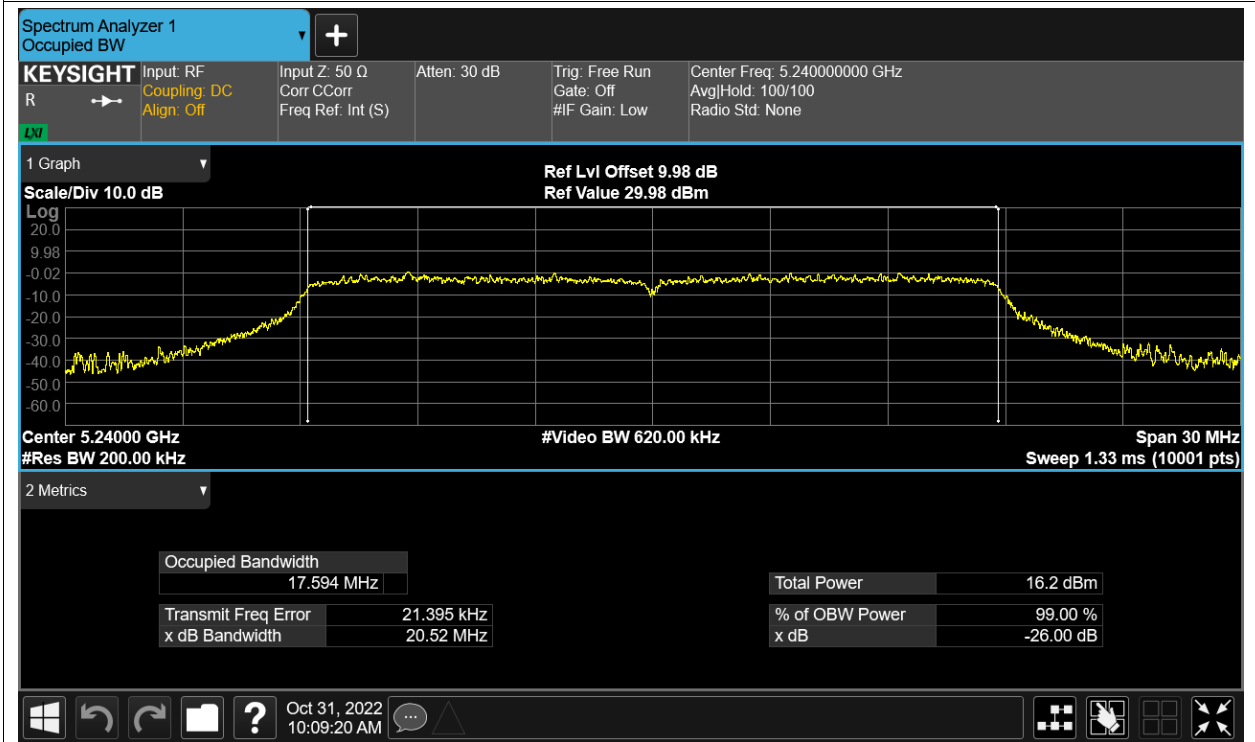
OBW NVNT n20 5180MHz Ant2



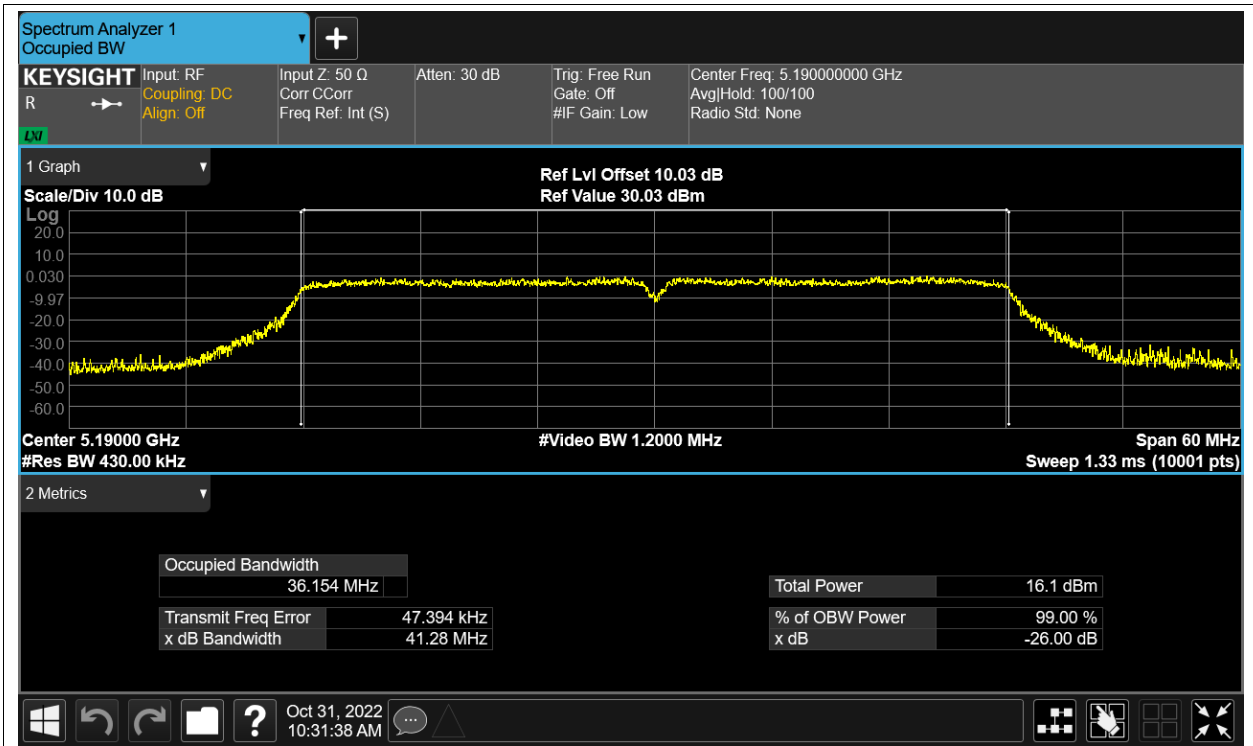
OBW NVNT n20 5200MHz Ant2



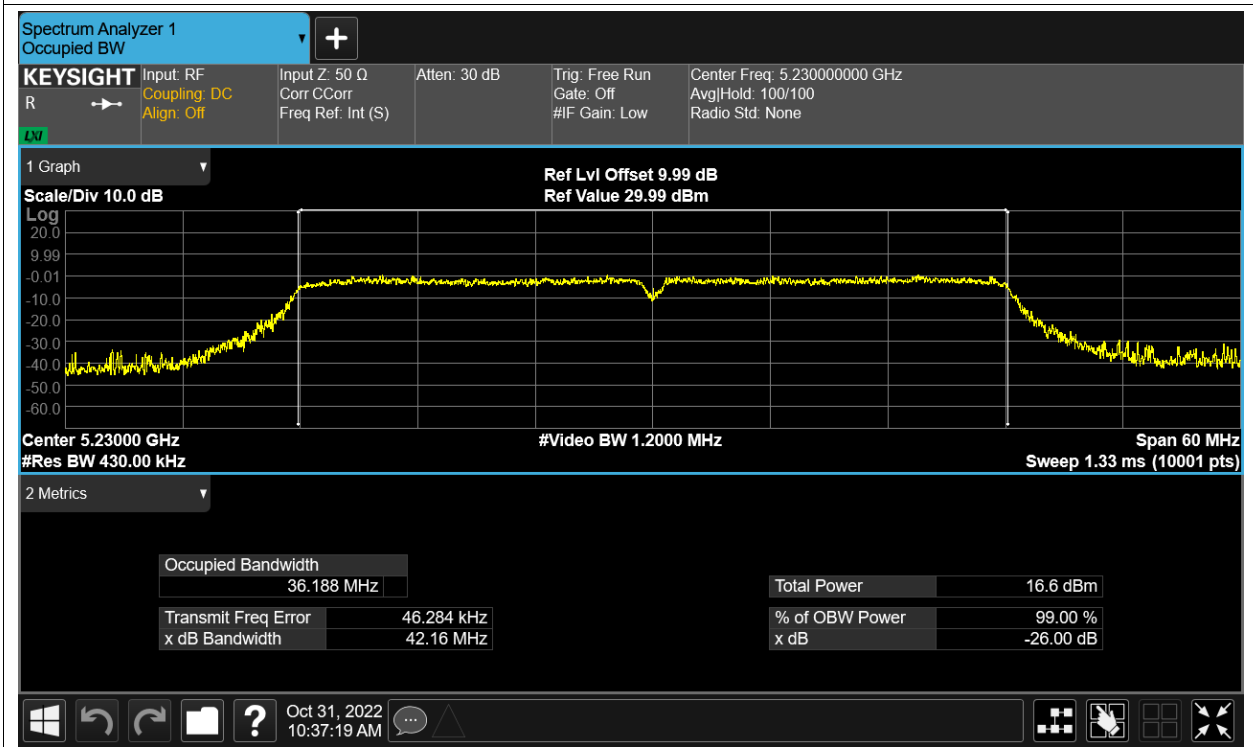
OBW NVNT n20 5240MHz Ant2



OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant2

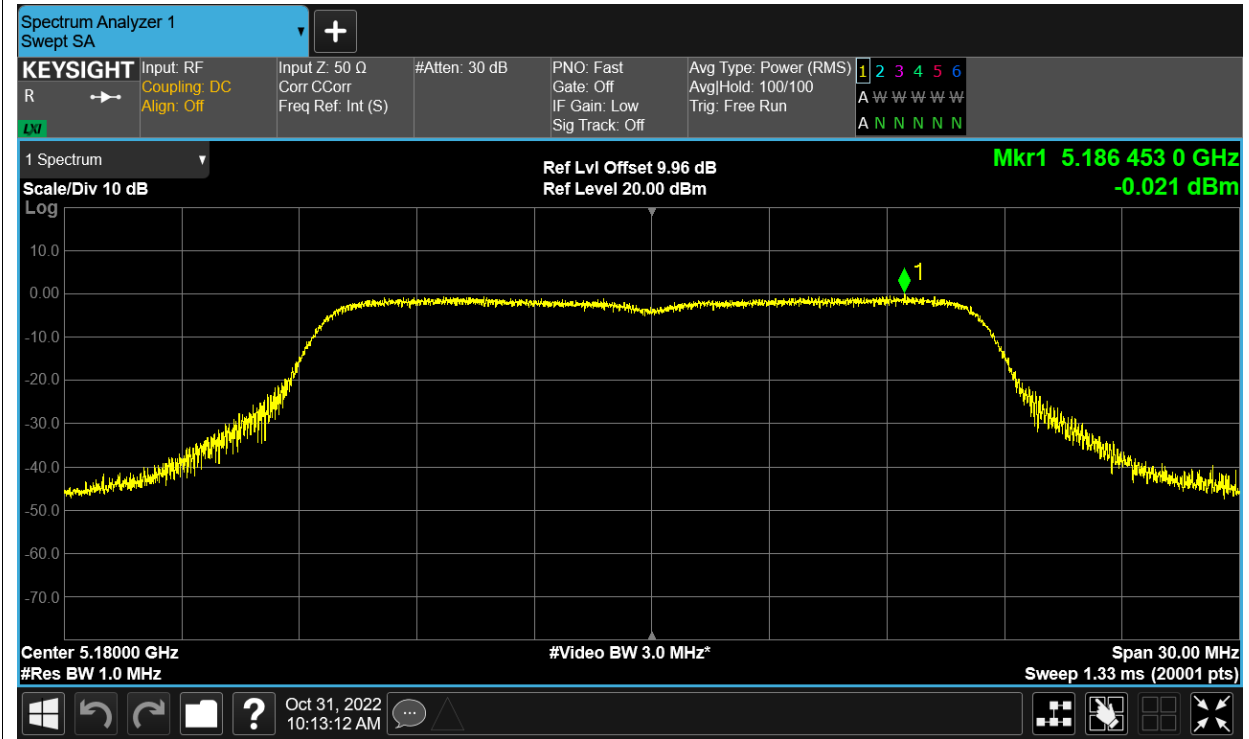


Maximum Power Spectral Density Level

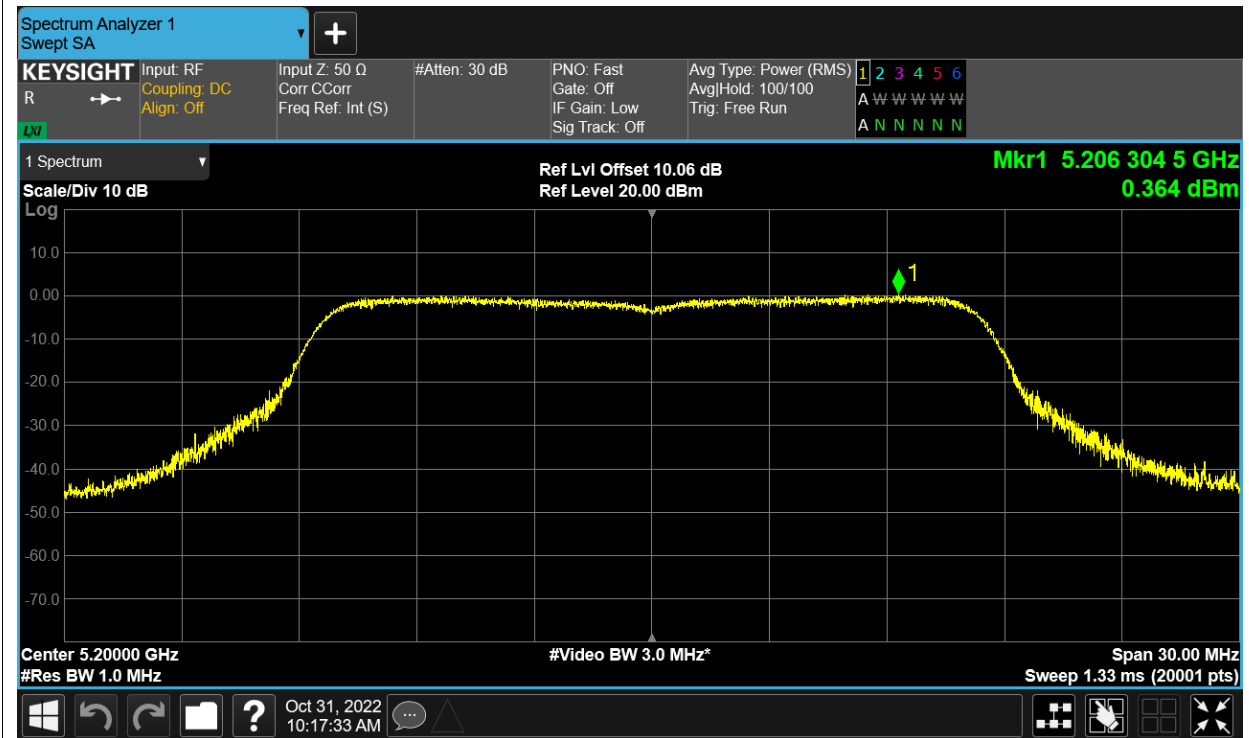
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	-0.021	11	Pass
NVNT	a	5200	Ant2	0.364	11	Pass
NVNT	a	5240	Ant2	1.303	11	Pass
NVNT	ac20	5180	Ant2	-1.974	11	Pass
NVNT	ac20	5200	Ant2	-1.468	11	Pass
NVNT	ac20	5240	Ant2	-0.425	11	Pass
NVNT	ac40	5190	Ant2	-4.703	11	Pass
NVNT	ac40	5230	Ant2	-3.313	11	Pass
NVNT	ac80	5210	Ant2	-7.775	11	Pass
NVNT	n20	5180	Ant2	-1.598	11	Pass
NVNT	n20	5200	Ant2	-0.848	11	Pass
NVNT	n20	5240	Ant2	0.058	11	Pass
NVNT	n40	5190	Ant2	-3.213	11	Pass
NVNT	n40	5230	Ant2	-3.242	11	Pass

Test Graphs

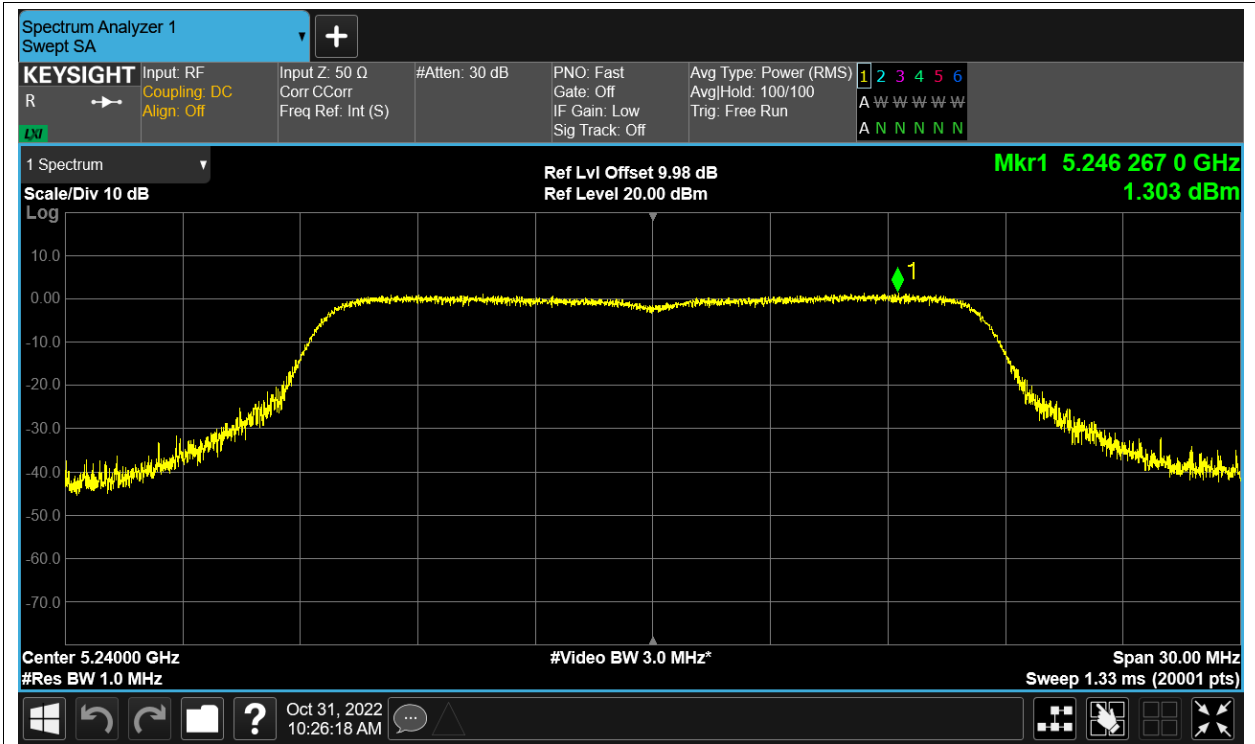
PSD NVNT a 5180MHz Ant2



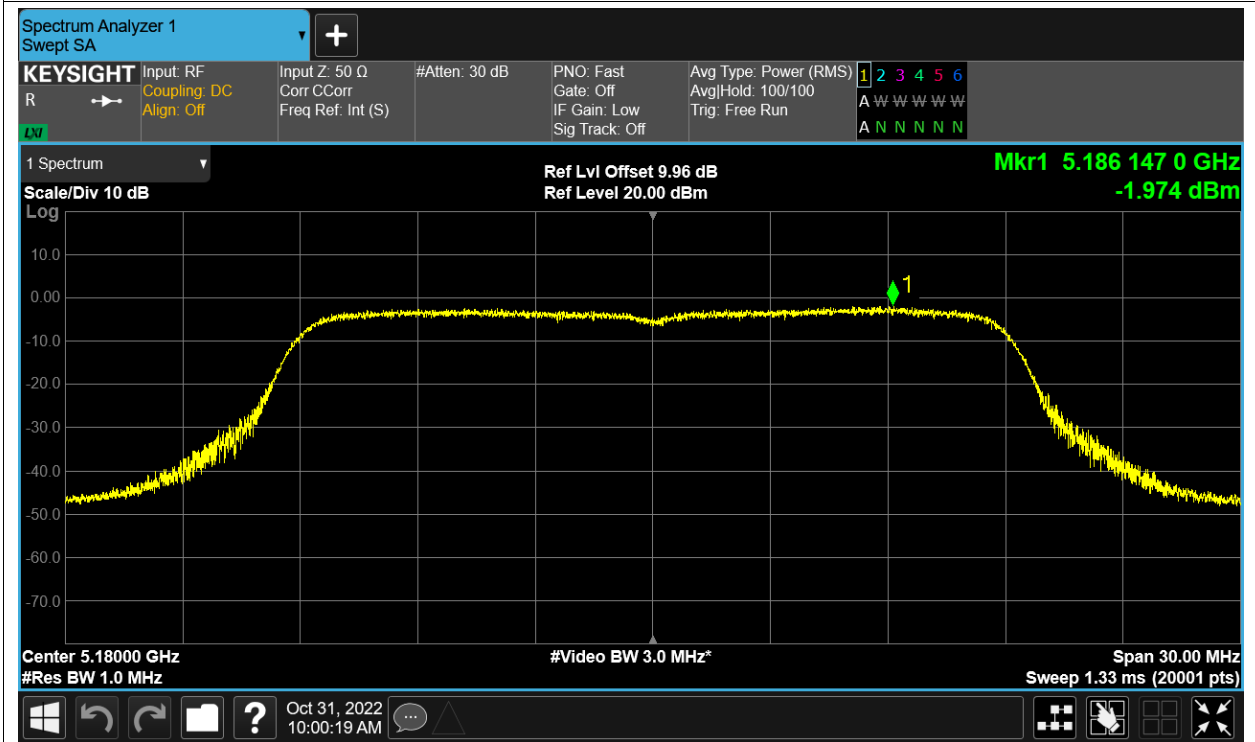
PSD NVNT a 5200MHz Ant2



PSD NVNT a 5240MHz Ant2



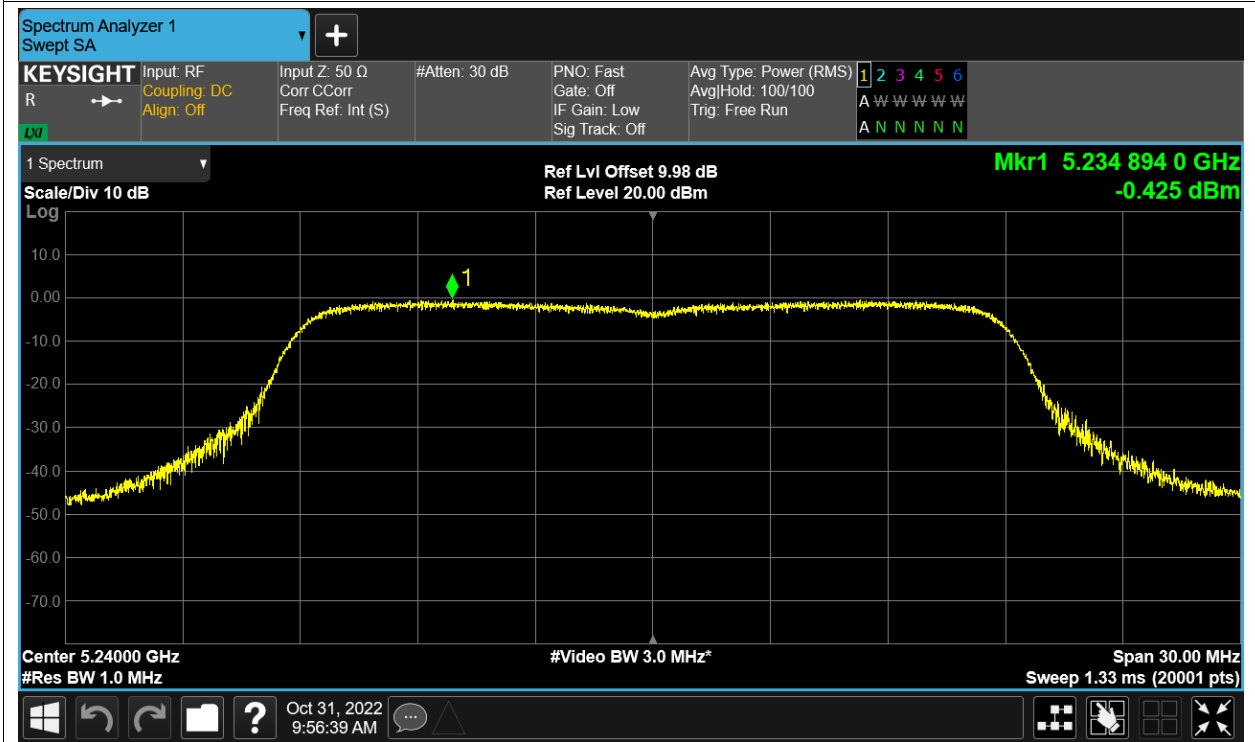
PSD NVNT ac20 5180MHz Ant2



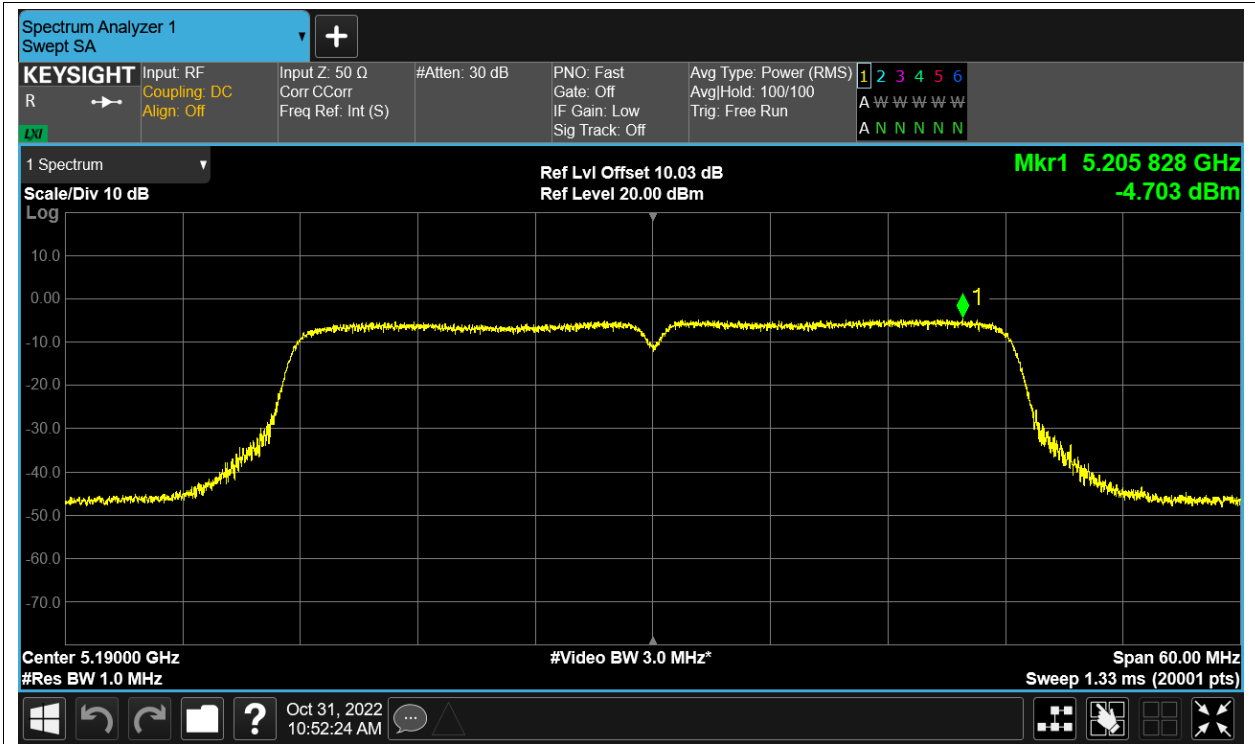
PSD NVNT ac20 5200MHz Ant2



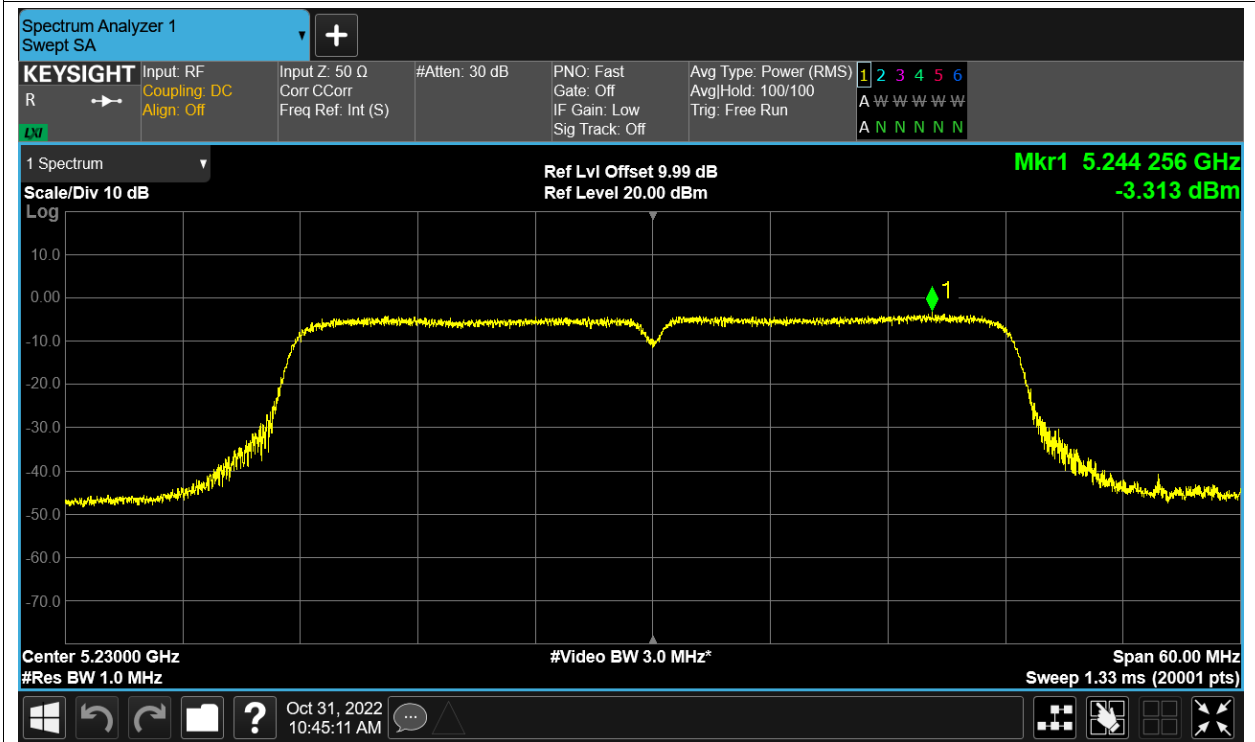
PSD NVNT ac20 5240MHz Ant2



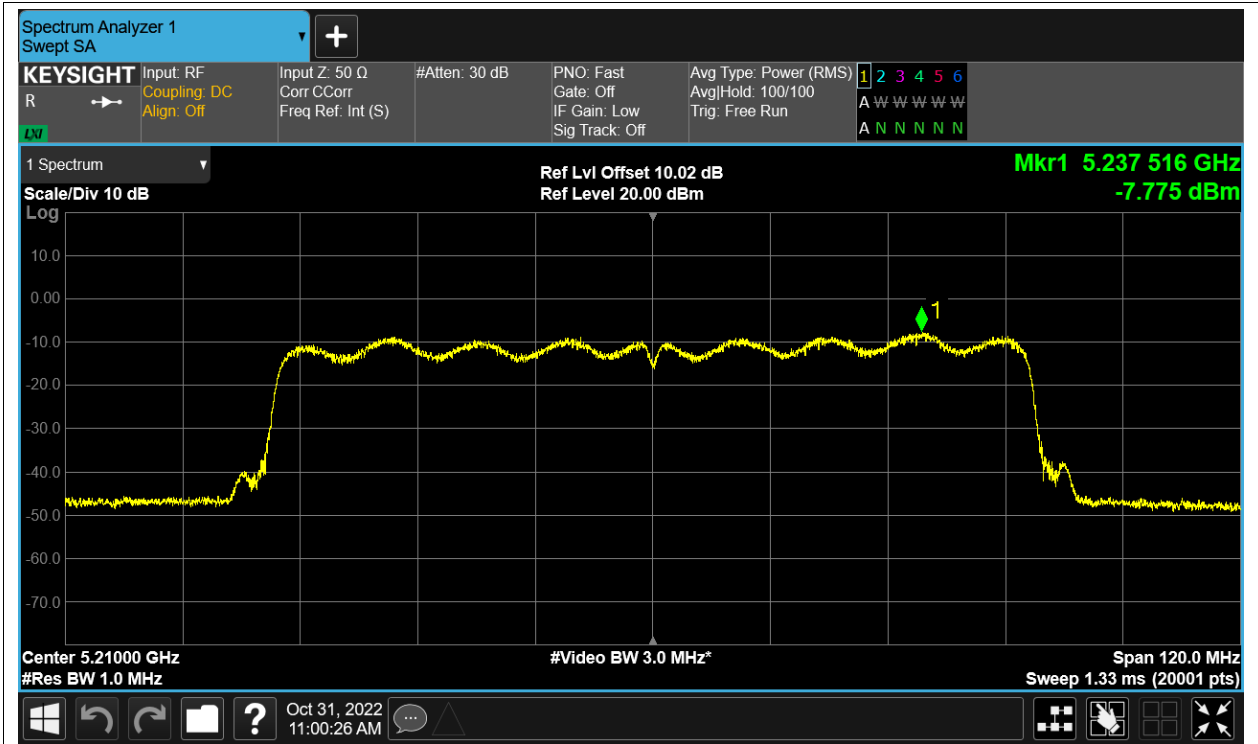
PSD NVNT ac40 5190MHz Ant2



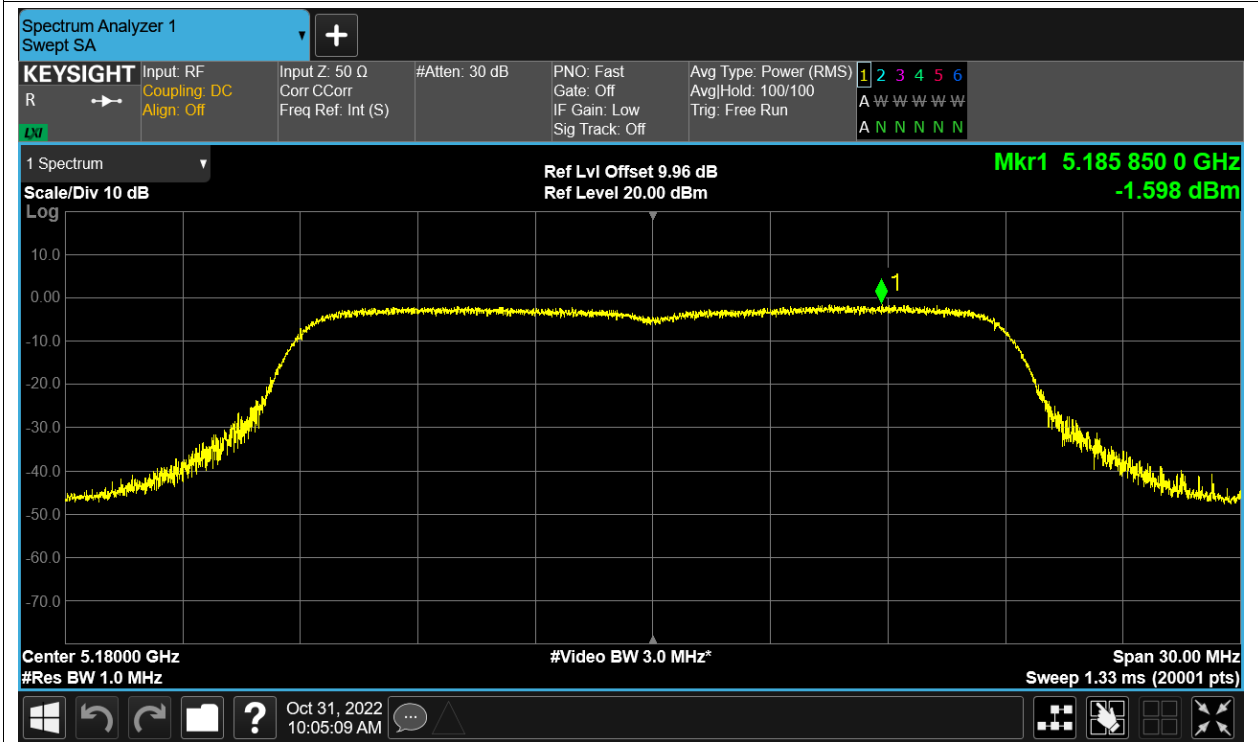
PSD NVNT ac40 5230MHz Ant2



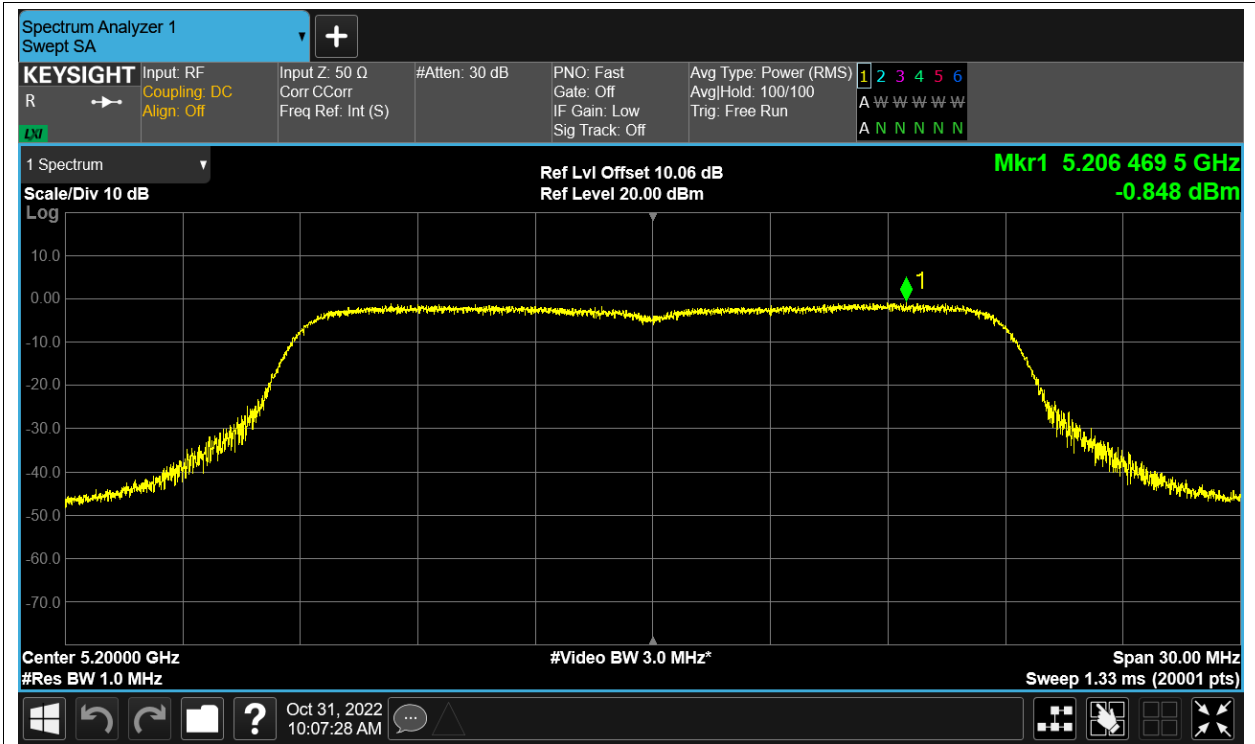
PSD NVNT ac80 5210MHz Ant2



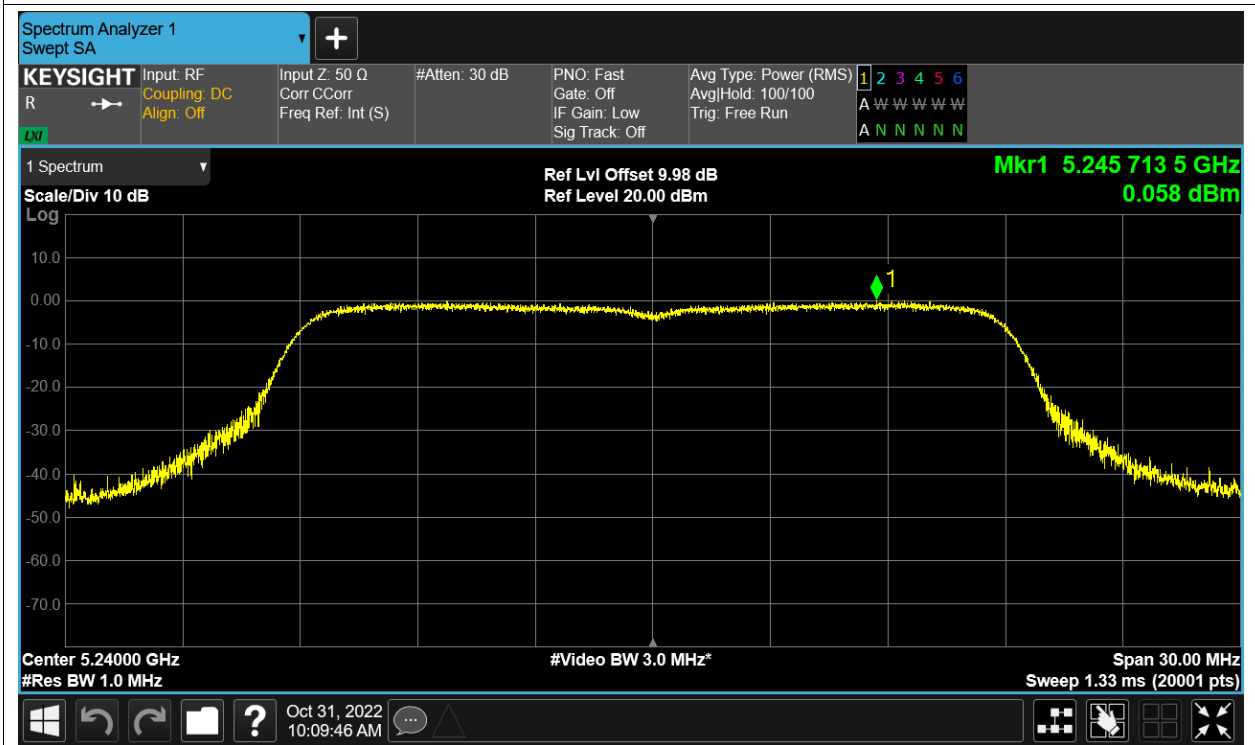
PSD NVNT n20 5180MHz Ant2



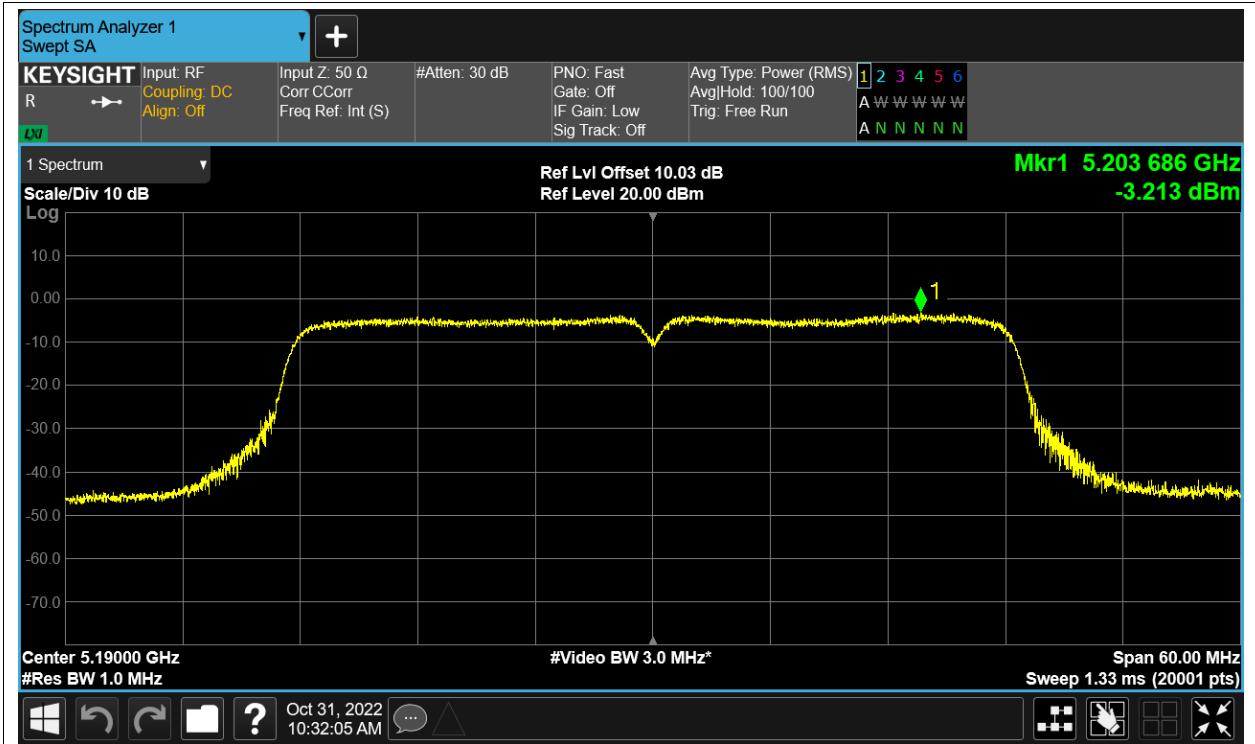
PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5240MHz Ant2



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

