

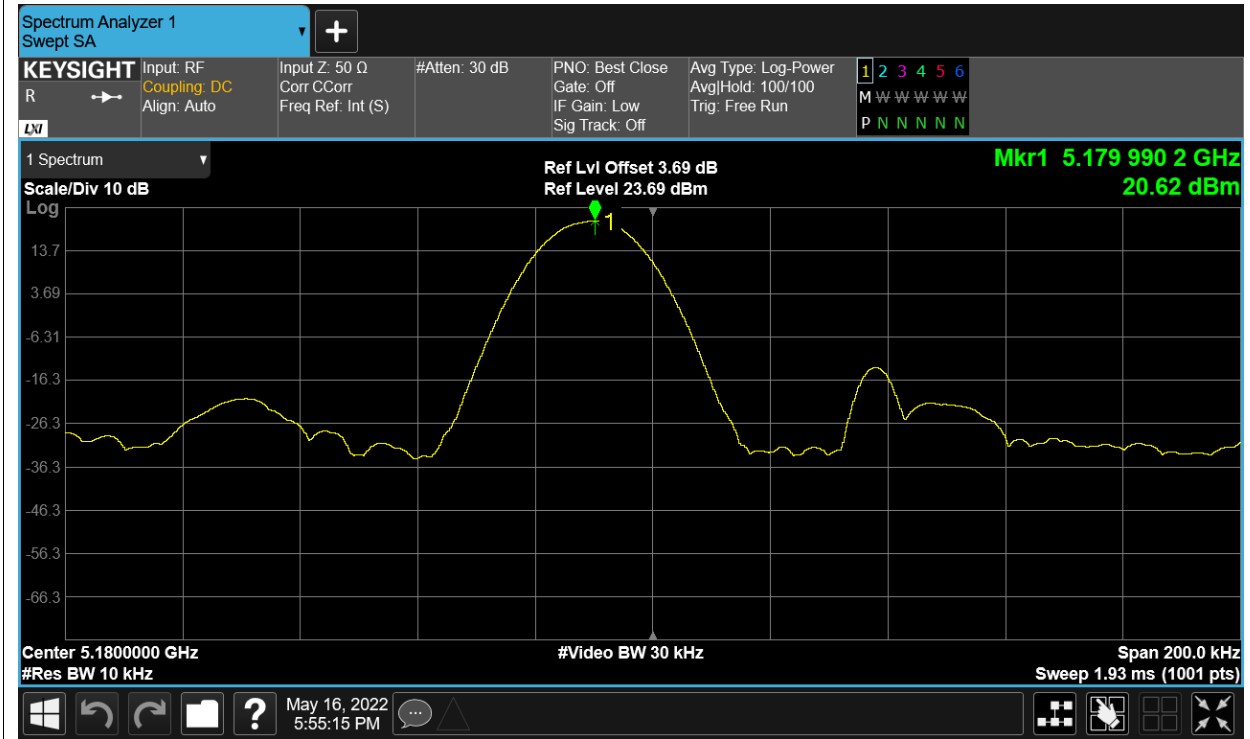
Test Data

Frequency Stability

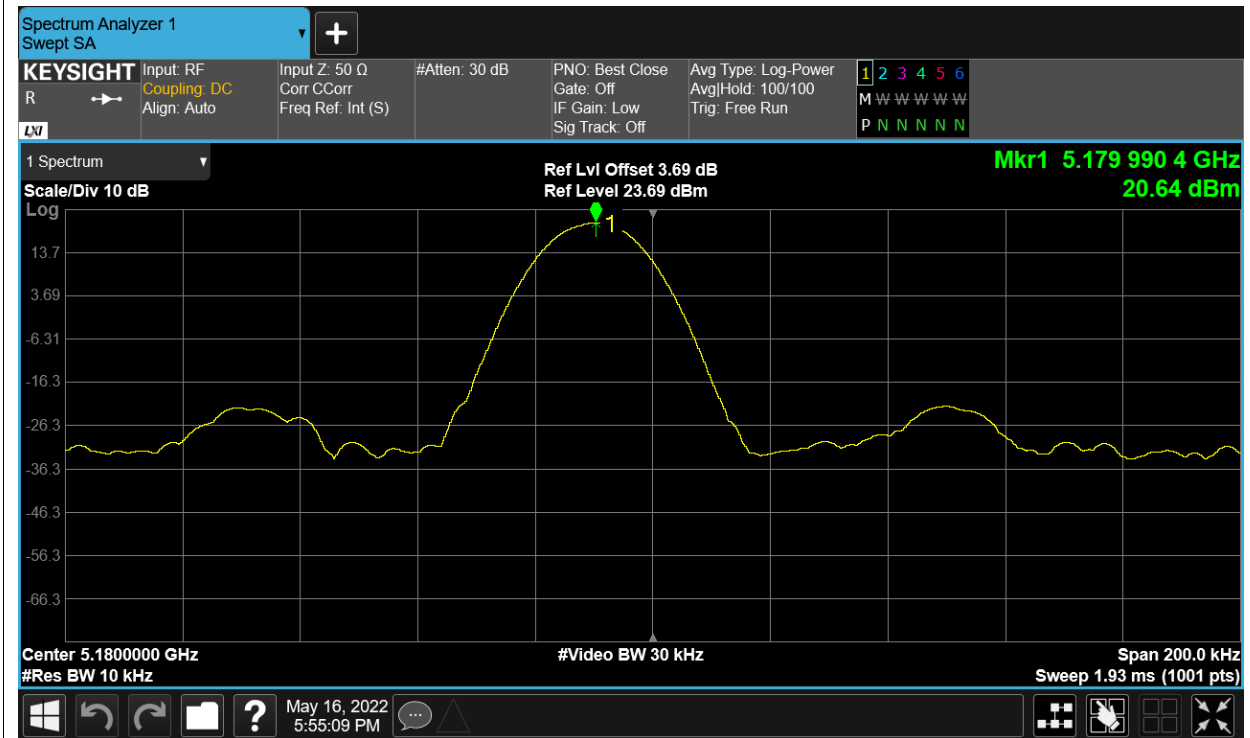
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9902	-1.89	25	Pass
LVNT	a	5180	Ant1	5179.9904	-1.85	25	Pass
NVHT	a	5180	Ant1	5179.9912	-1.7	25	Pass
NVLT	a	5180	Ant1	5179.9916	-1.62	25	Pass
NVNT	a	5180	Ant1	5179.9932	-1.31	25	Pass
HVNT	ac80	5210	Ant1	5209.989	-2.11	25	Pass
LVNT	ac80	5210	Ant1	5209.9894	-2.03	25	Pass
NVHT	ac80	5210	Ant1	5209.99	-1.92	25	Pass
NVLT	ac80	5210	Ant1	5209.9908	-1.77	25	Pass
NVNT	ac80	5210	Ant1	5209.993	-1.34	25	Pass
HVNT	n40	5190	Ant1	5189.99	-1.93	25	Pass
LVNT	n40	5190	Ant1	5189.9904	-1.85	25	Pass
NVHT	n40	5190	Ant1	5189.9908	-1.77	25	Pass
NVLT	n40	5190	Ant1	5189.9918	-1.58	25	Pass
NVNT	n40	5190	Ant1	5189.994	-1.16	25	Pass

Test Graphs

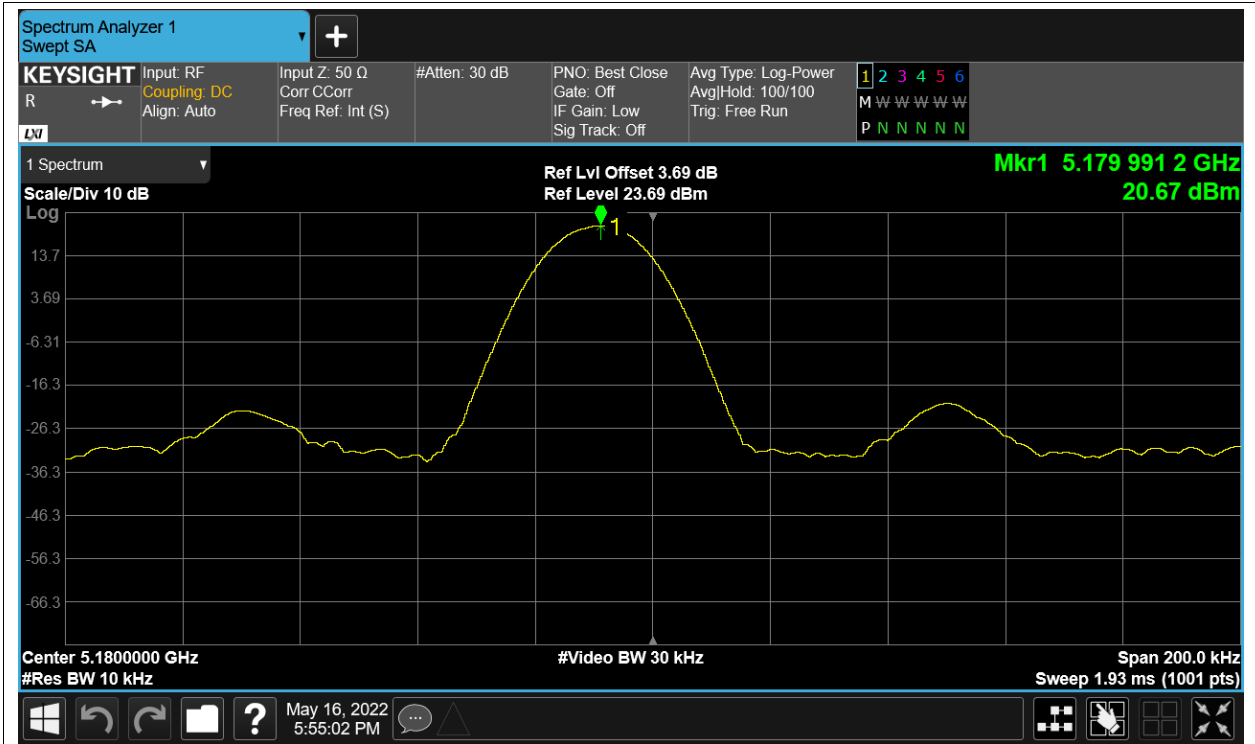
Freq. Stability HVNT a 5180MHz Ant1



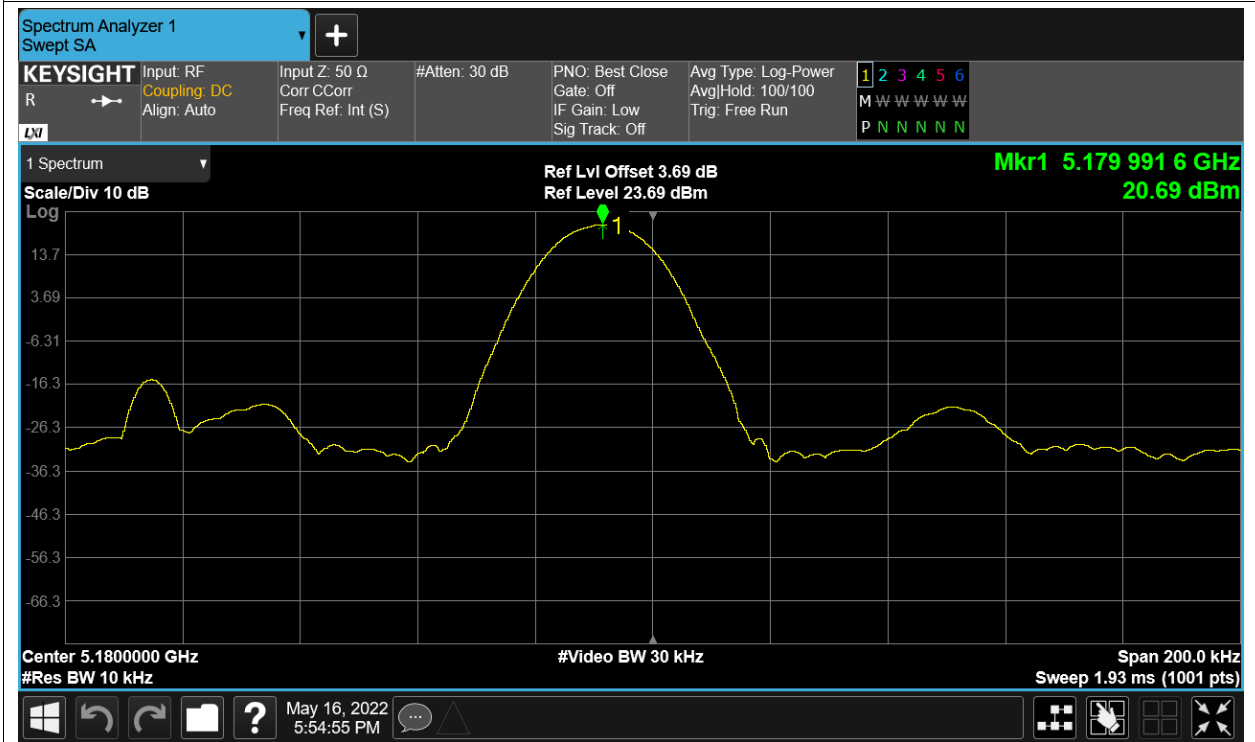
Freq. Stability LVNT a 5180MHz Ant1



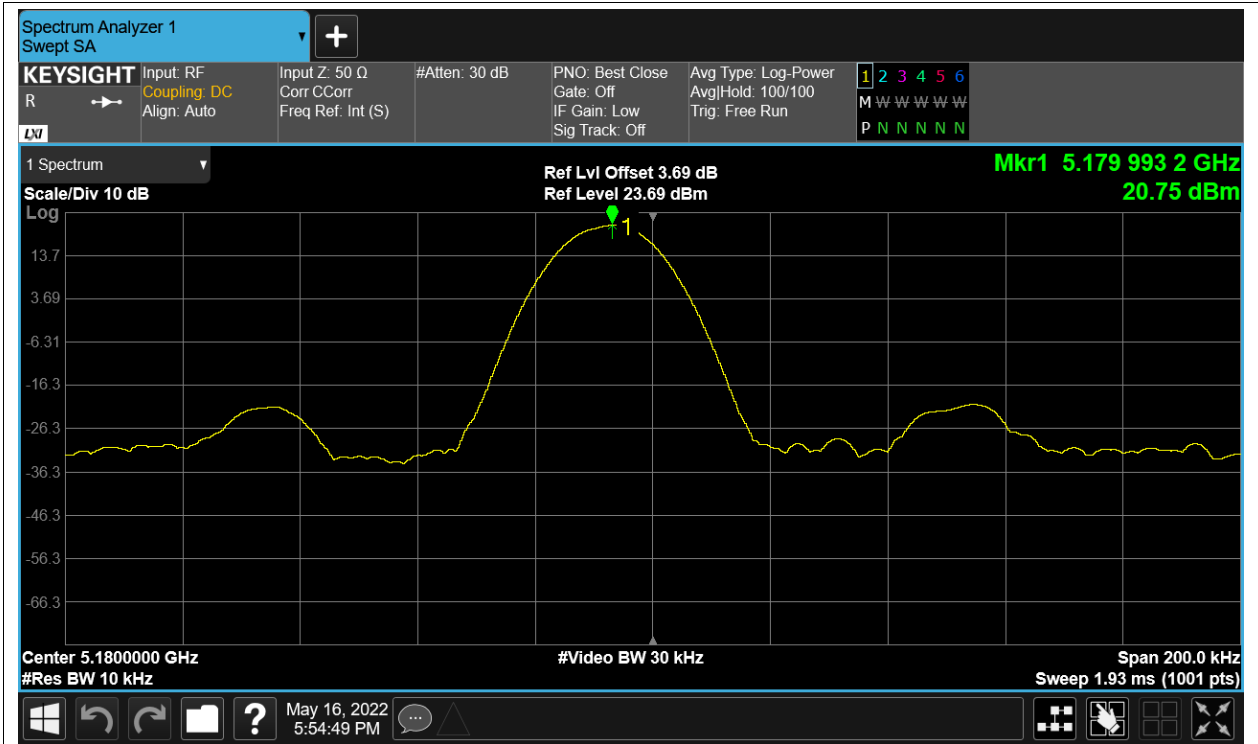
Freq. Stability NVHT a 5180MHz Ant1



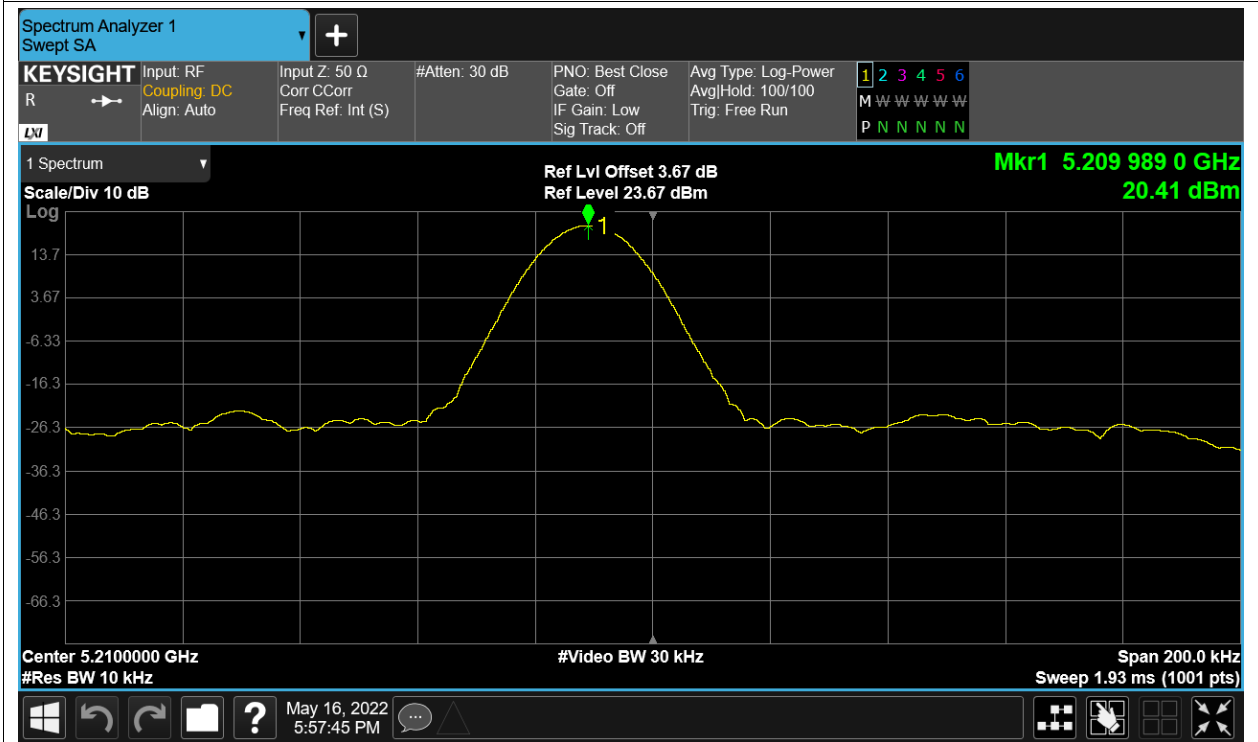
Freq. Stability NVLT a 5180MHz Ant1



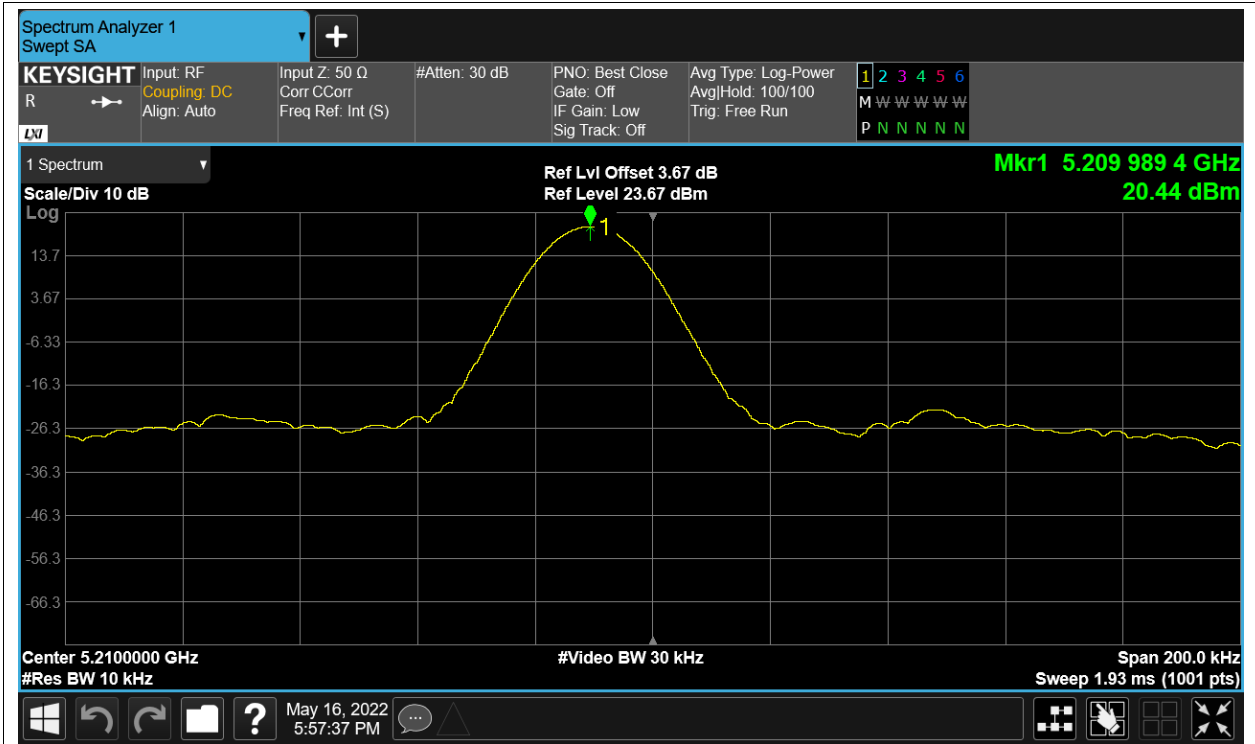
Freq. Stability NVNT a 5180MHz Ant1



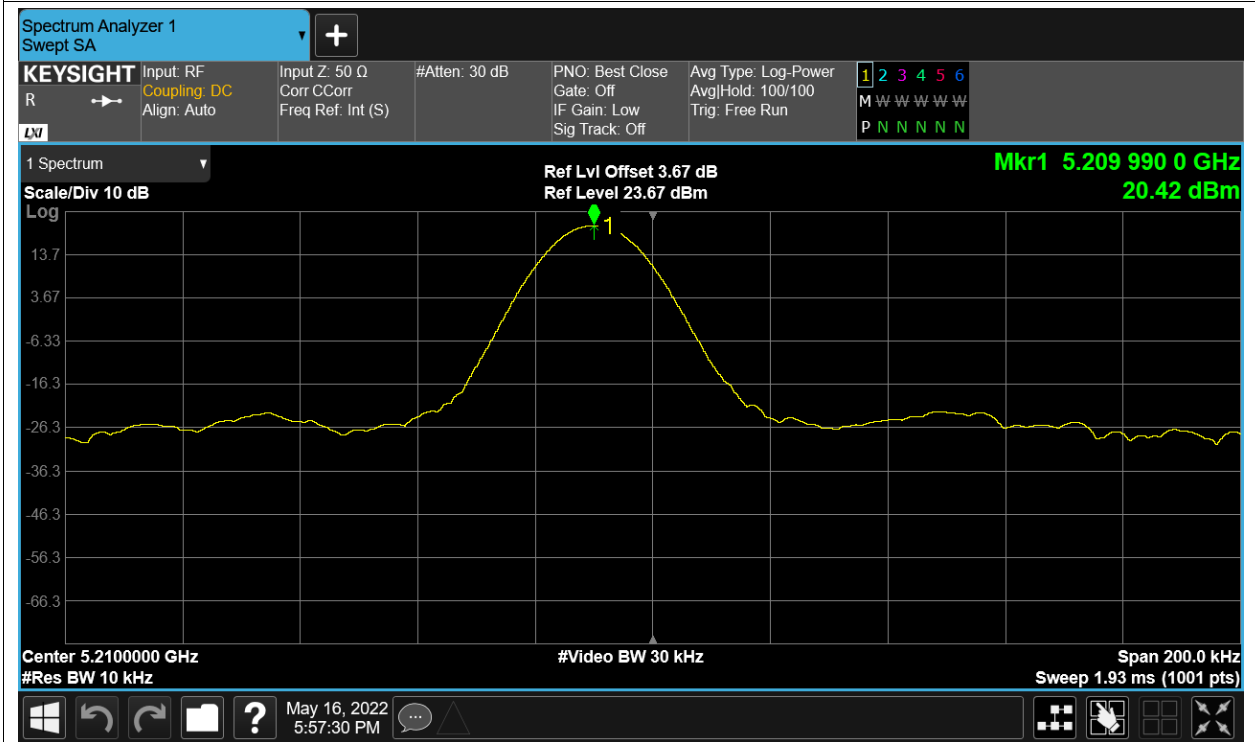
Freq. Stability HVNT ac80 5210MHz Ant1



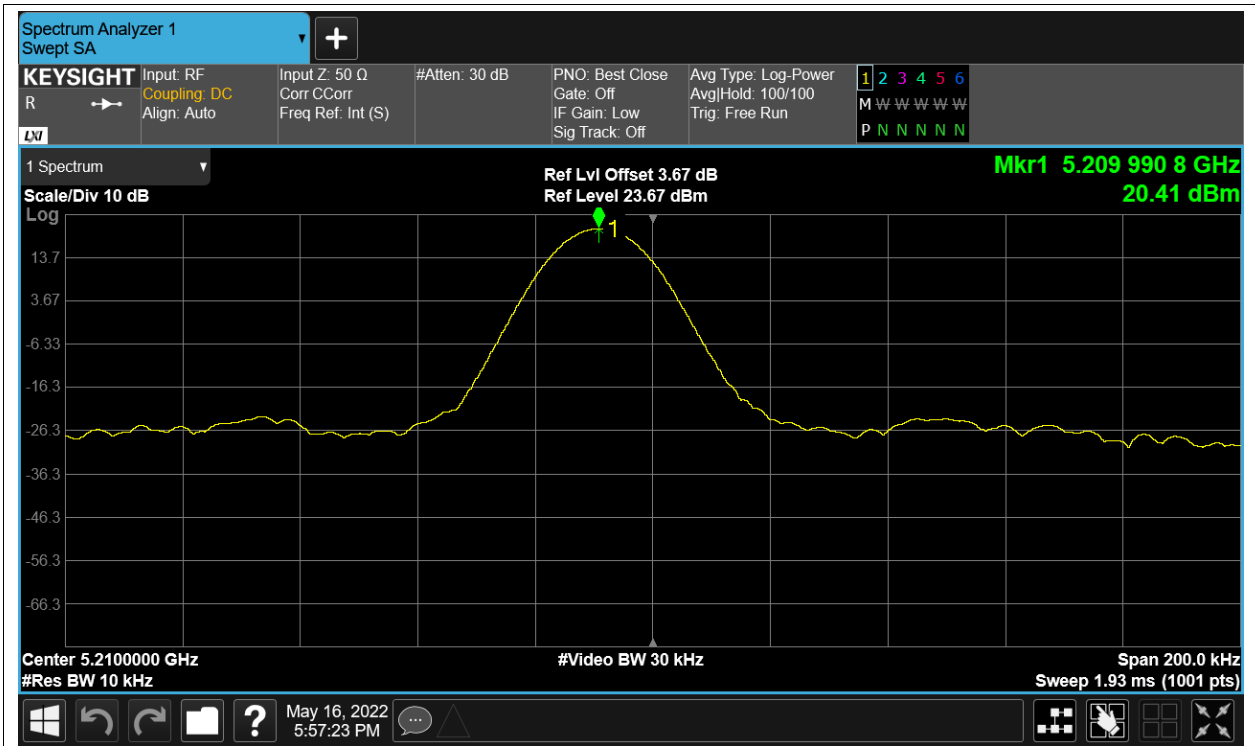
Freq. Stability LVNT ac80 5210MHz Ant1



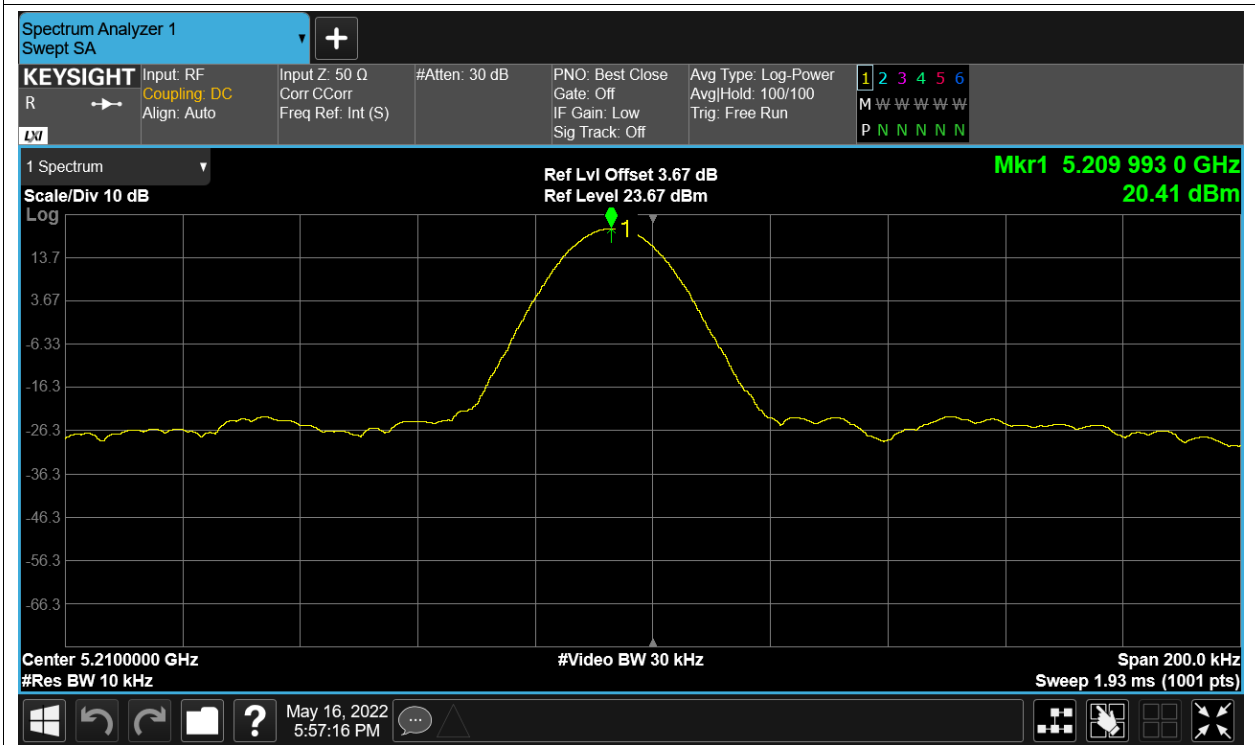
Freq. Stability NVHT ac80 5210MHz Ant1



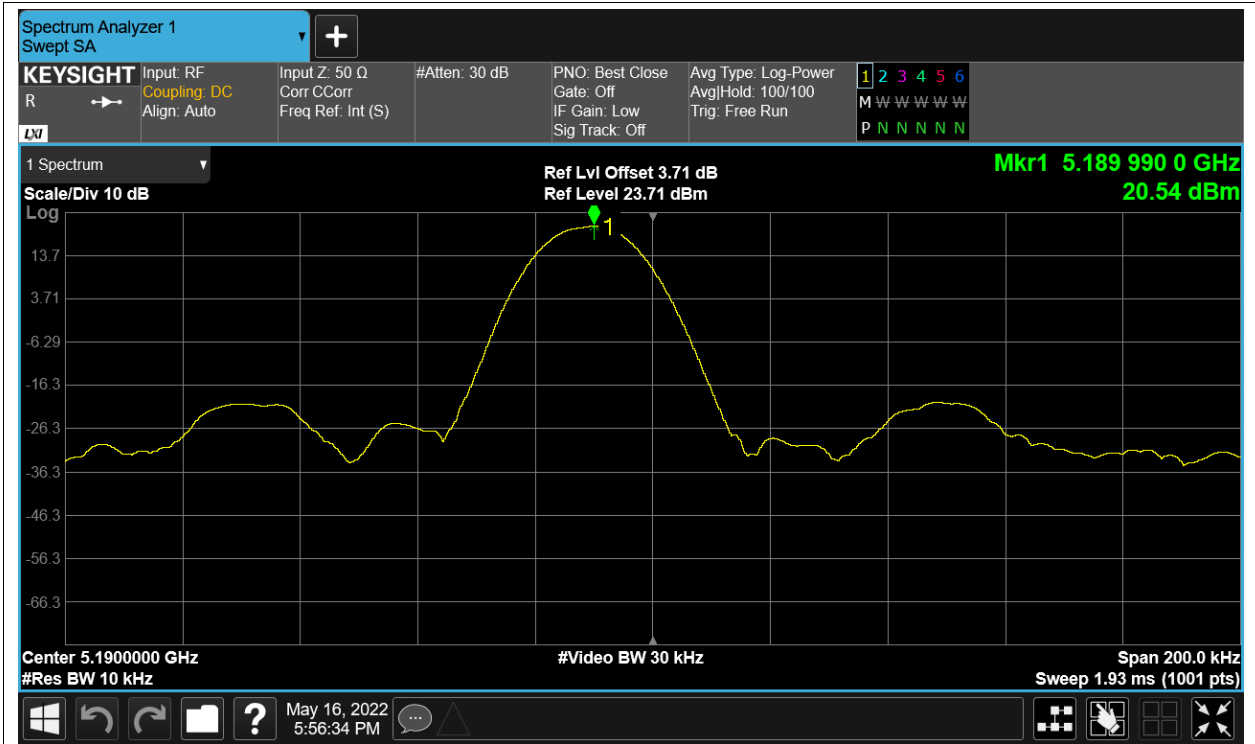
Freq. Stability NVLT ac80 5210MHz Ant1



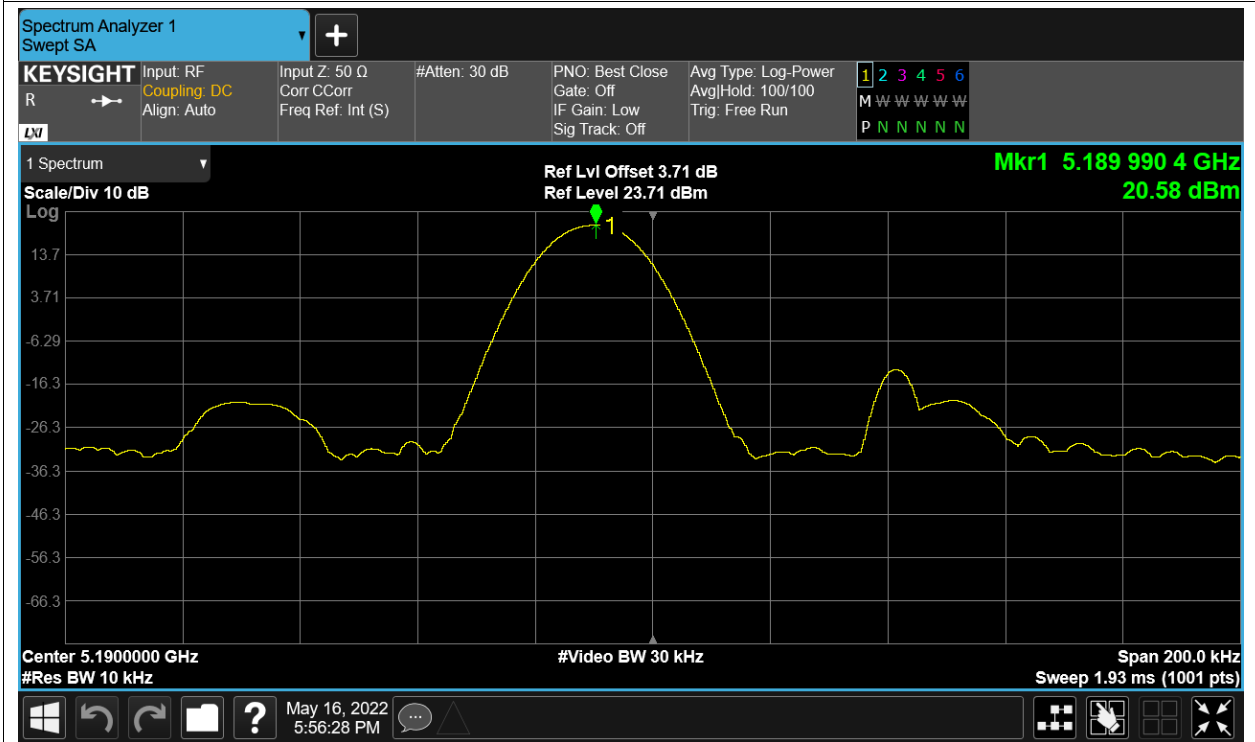
Freq. Stability NVNT ac80 5210MHz Ant1



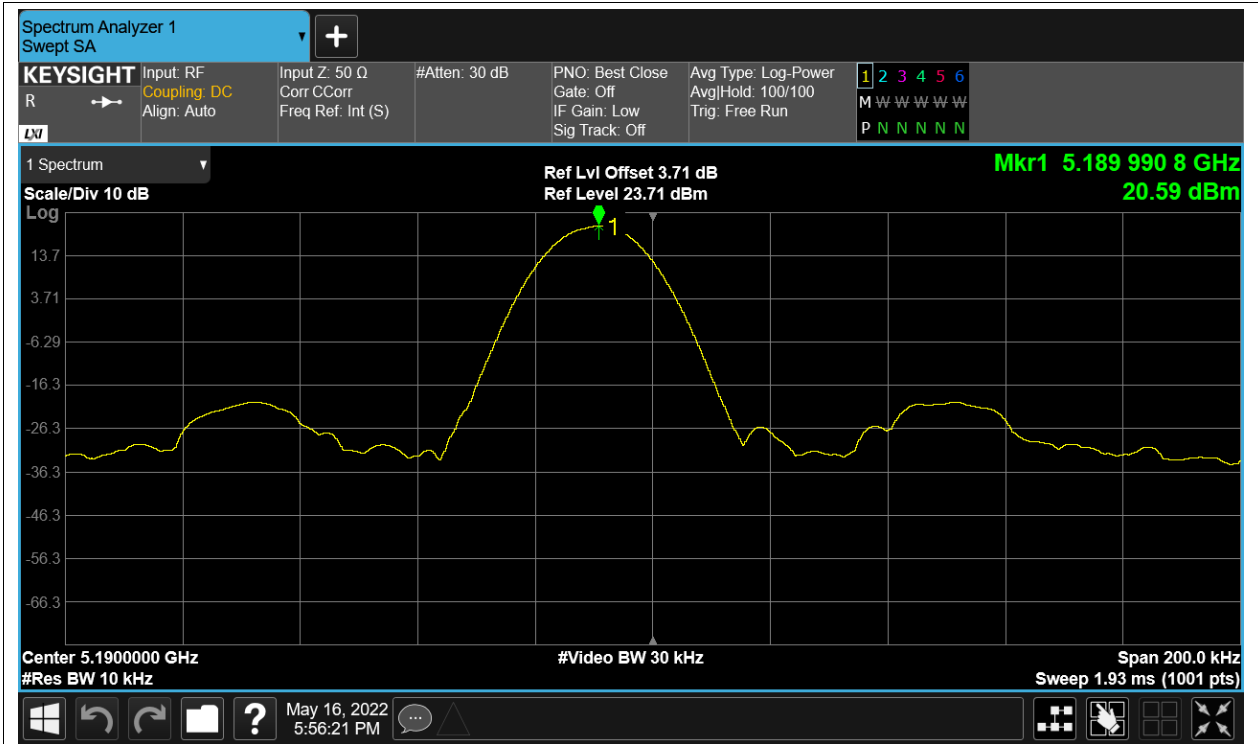
Freq. Stability HVNT n40 5190MHz Ant1



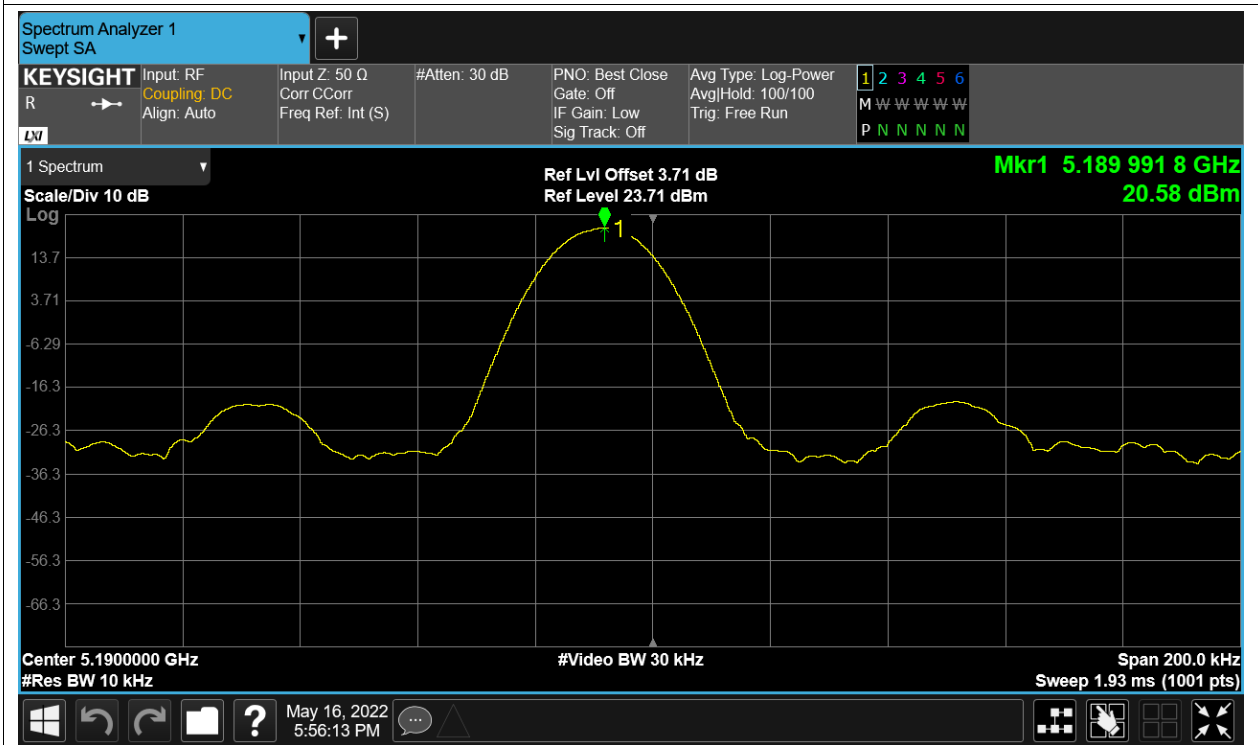
Freq. Stability LVNT n40 5190MHz Ant1



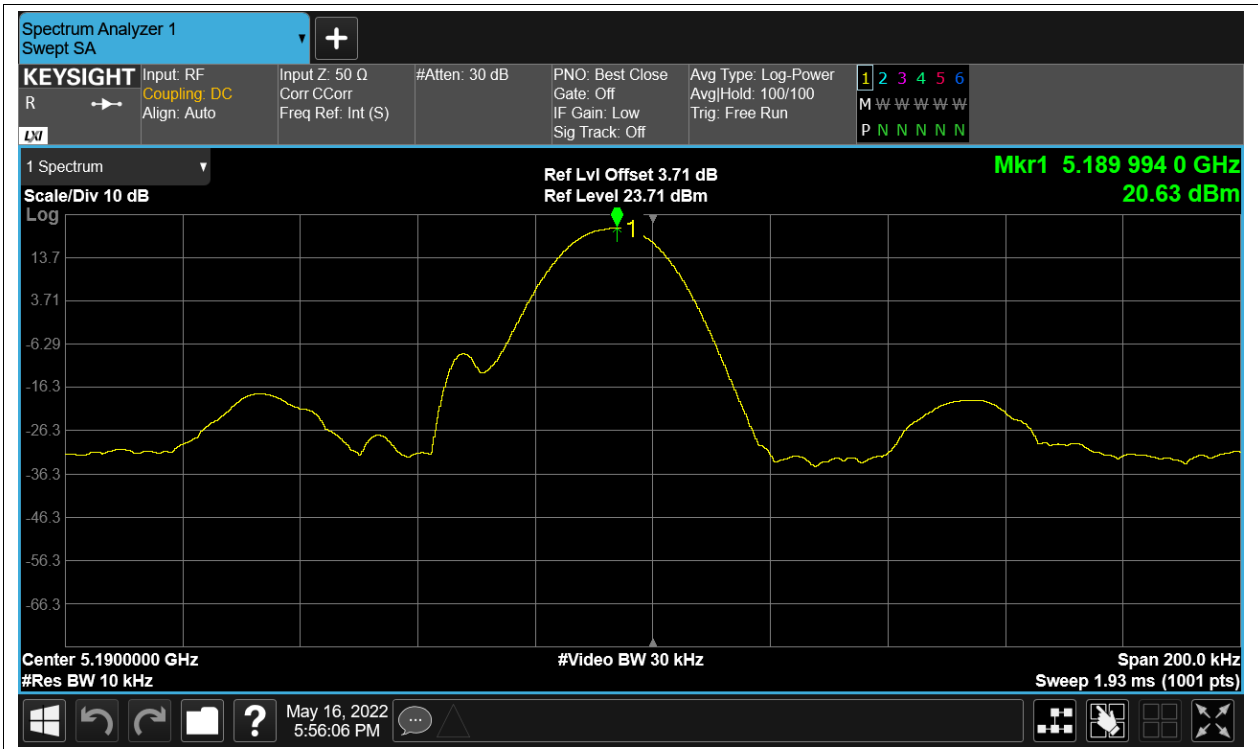
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

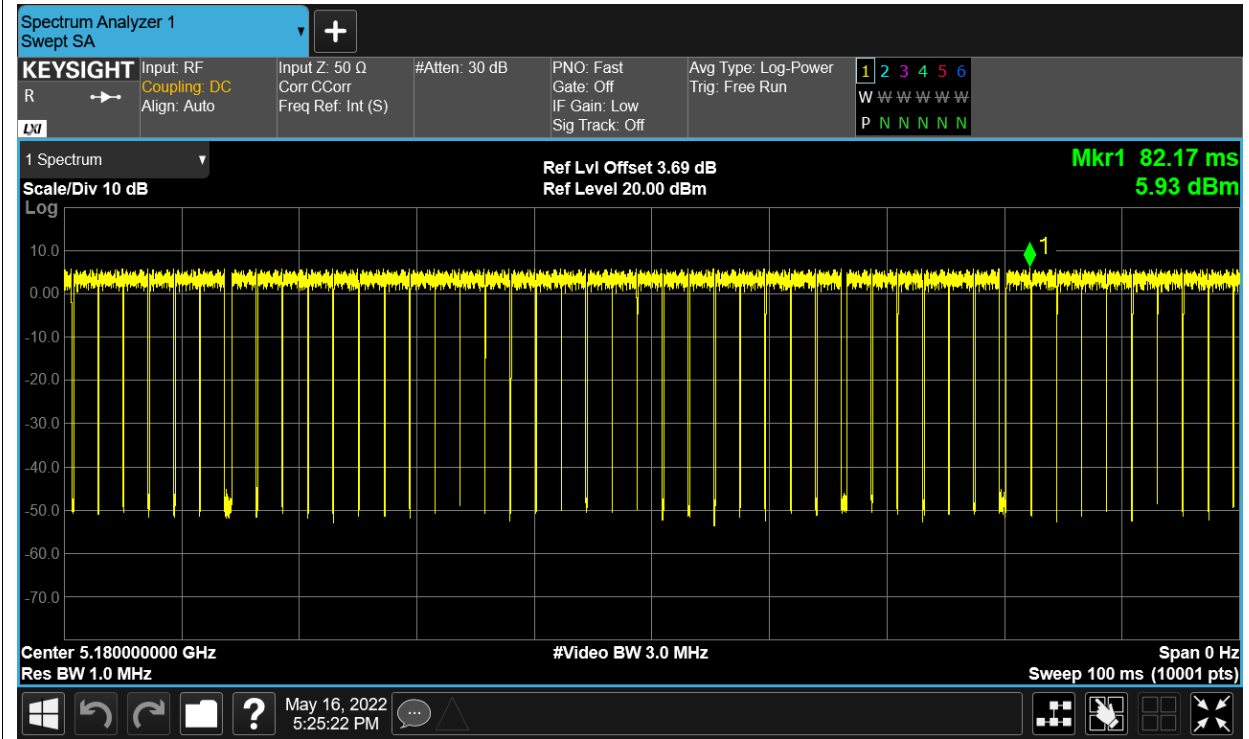


Duty Cycle

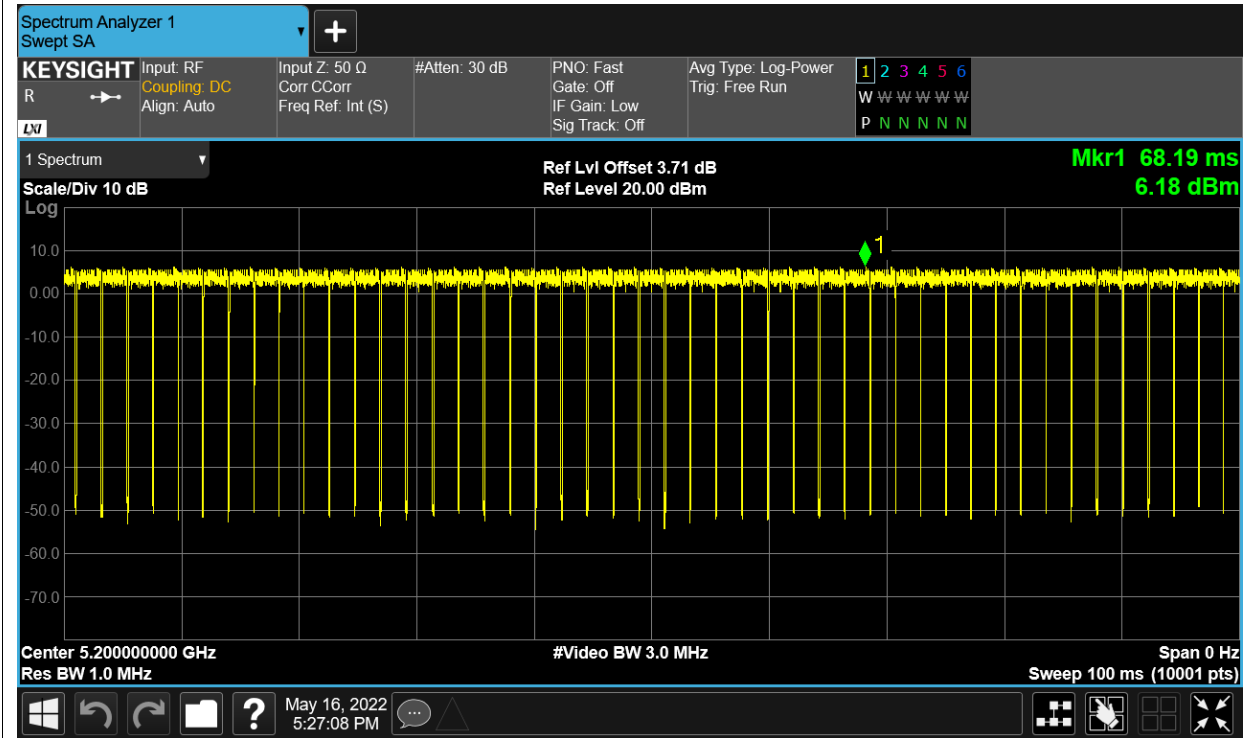
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	94.57	0.24
NVNT	a	5200	Ant1	95.68	0.19
NVNT	a	5240	Ant1	95.87	0.18
NVNT	ac20	5180	Ant1	94.37	0.25
NVNT	ac20	5200	Ant1	95.74	0.19
NVNT	ac20	5240	Ant1	95.61	0.19
NVNT	ac40	5190	Ant1	90.54	0.43
NVNT	ac40	5230	Ant1	90.8	0.42
NVNT	ac80	5210	Ant1	94.28	0.26
NVNT	n20	5180	Ant1	94.83	0.23
NVNT	n20	5200	Ant1	95.3	0.21
NVNT	n20	5240	Ant1	95.61	0.19
NVNT	n40	5190	Ant1	89.94	0.46
NVNT	n40	5230	Ant1	91.28	0.4

Test Graphs

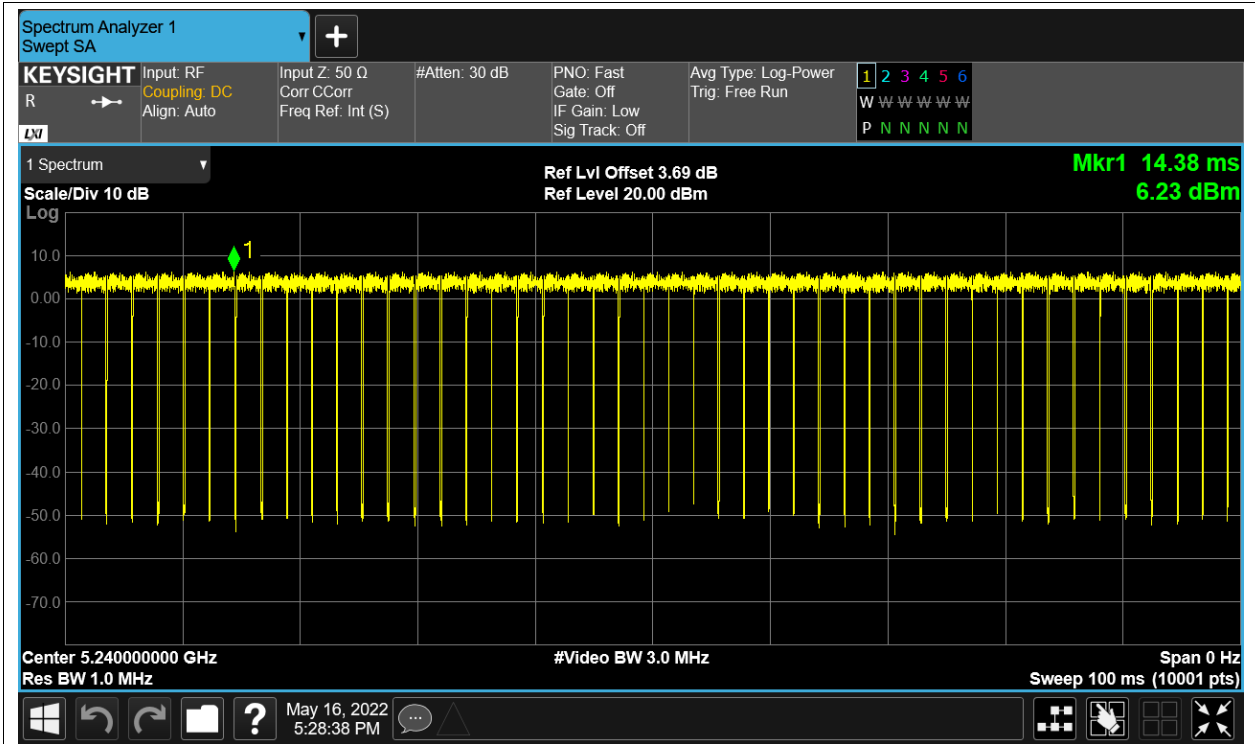
Duty Cycle NVNT a 5180MHz Ant1



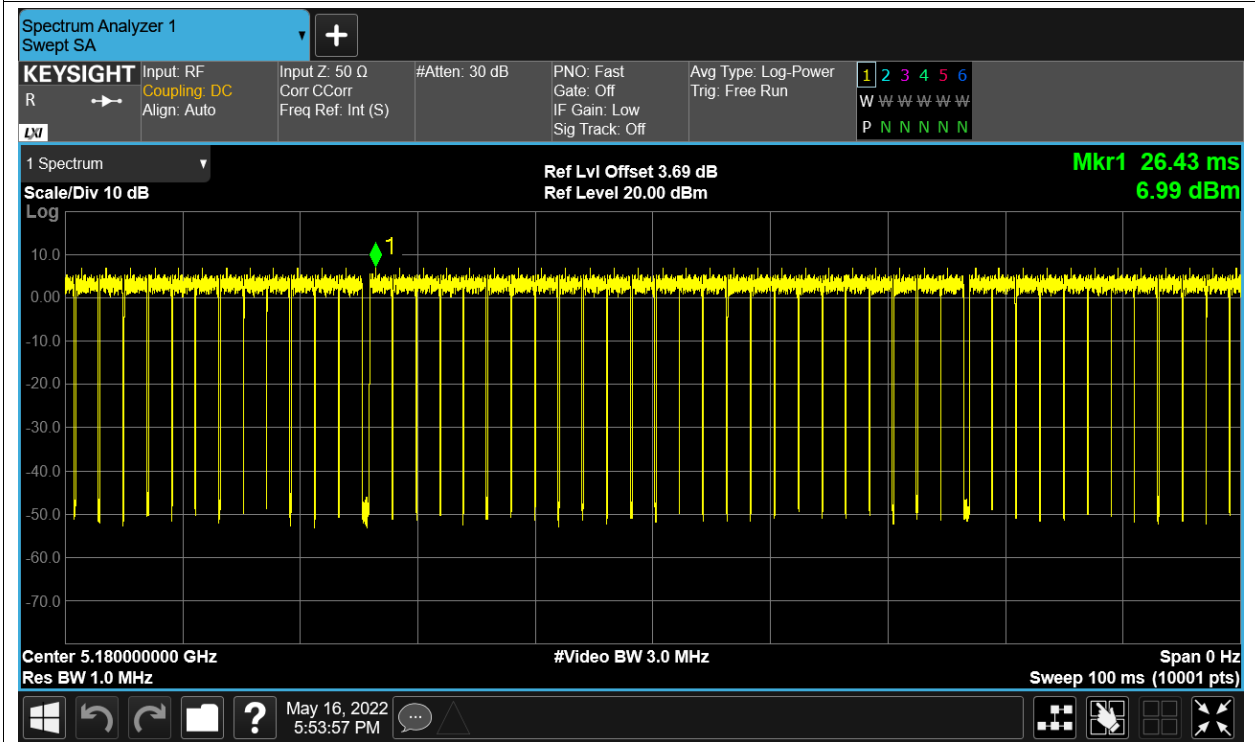
Duty Cycle NVNT a 5200MHz Ant1



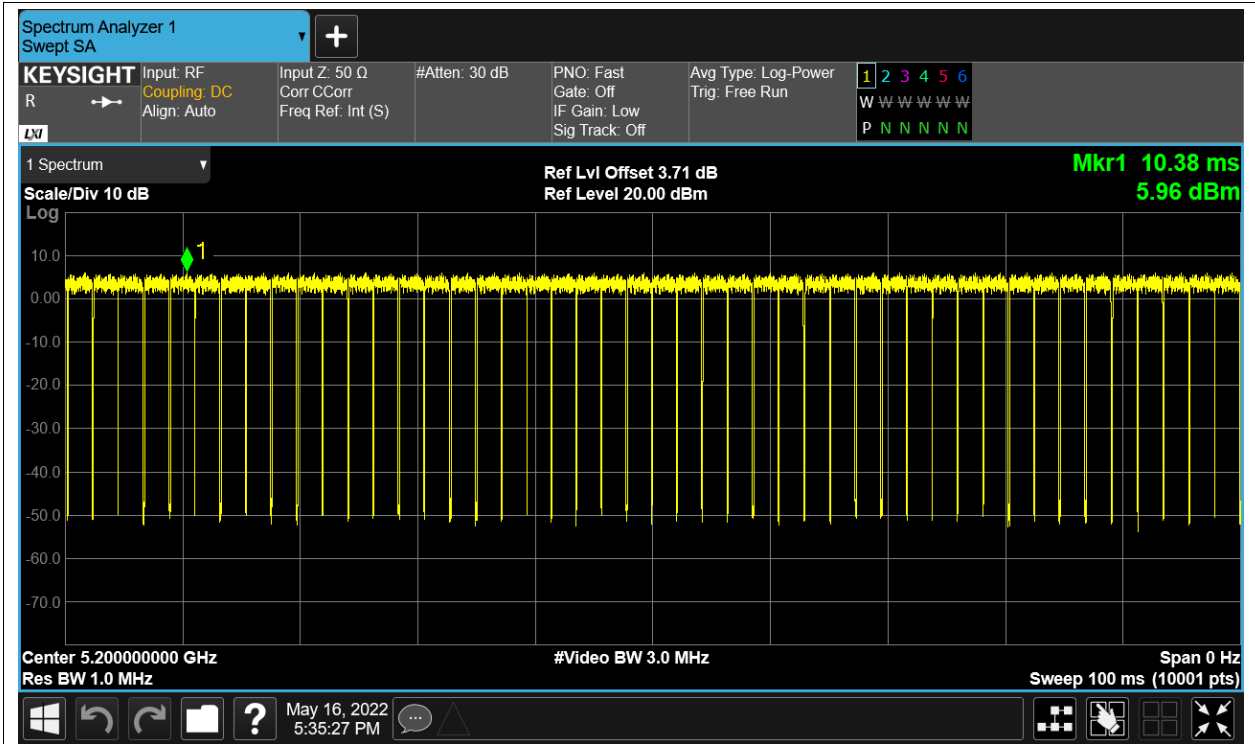
Duty Cycle NVNT a 5240MHz Ant1



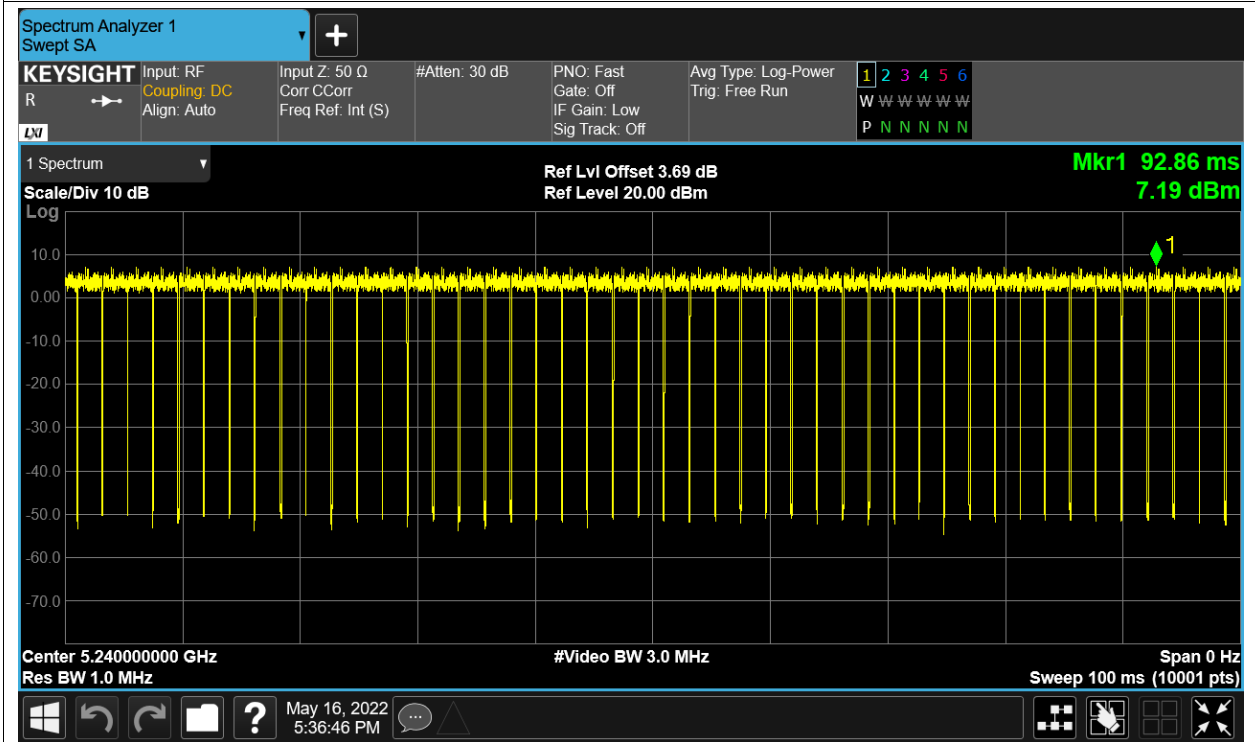
Duty Cycle NVNT ac20 5180MHz Ant1



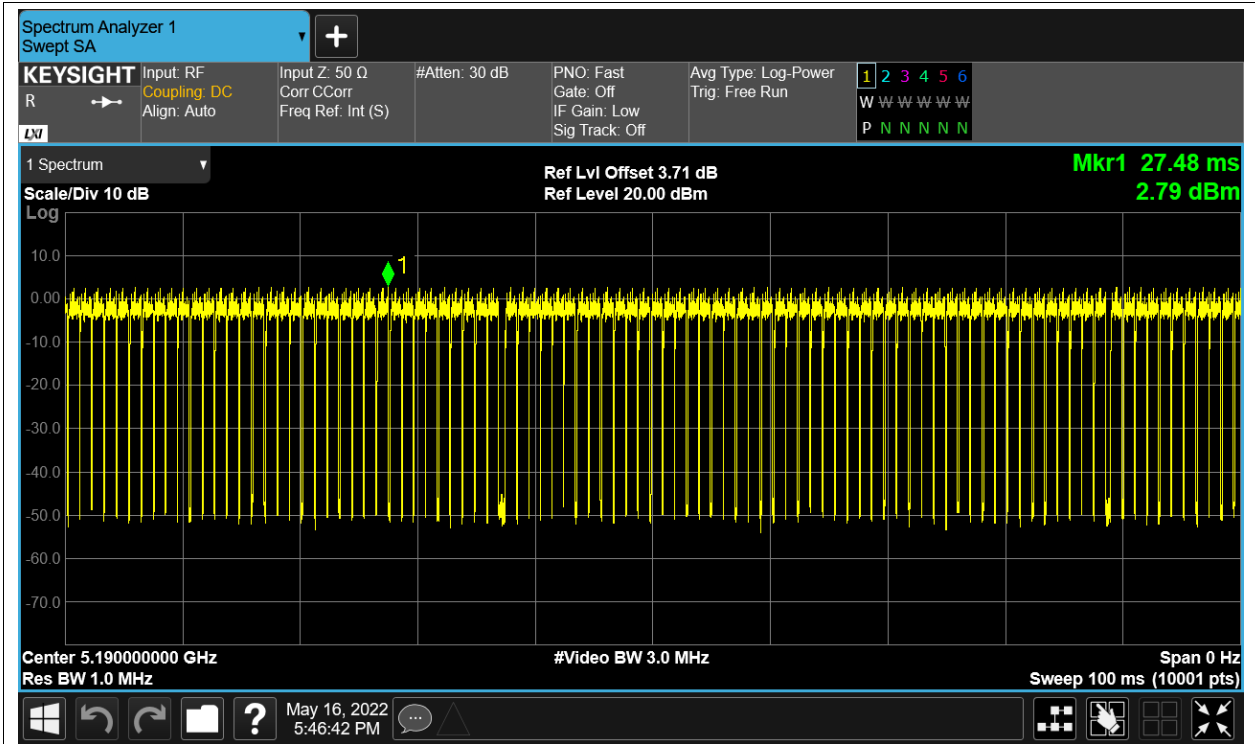
Duty Cycle NVNT ac20 5200MHz Ant1



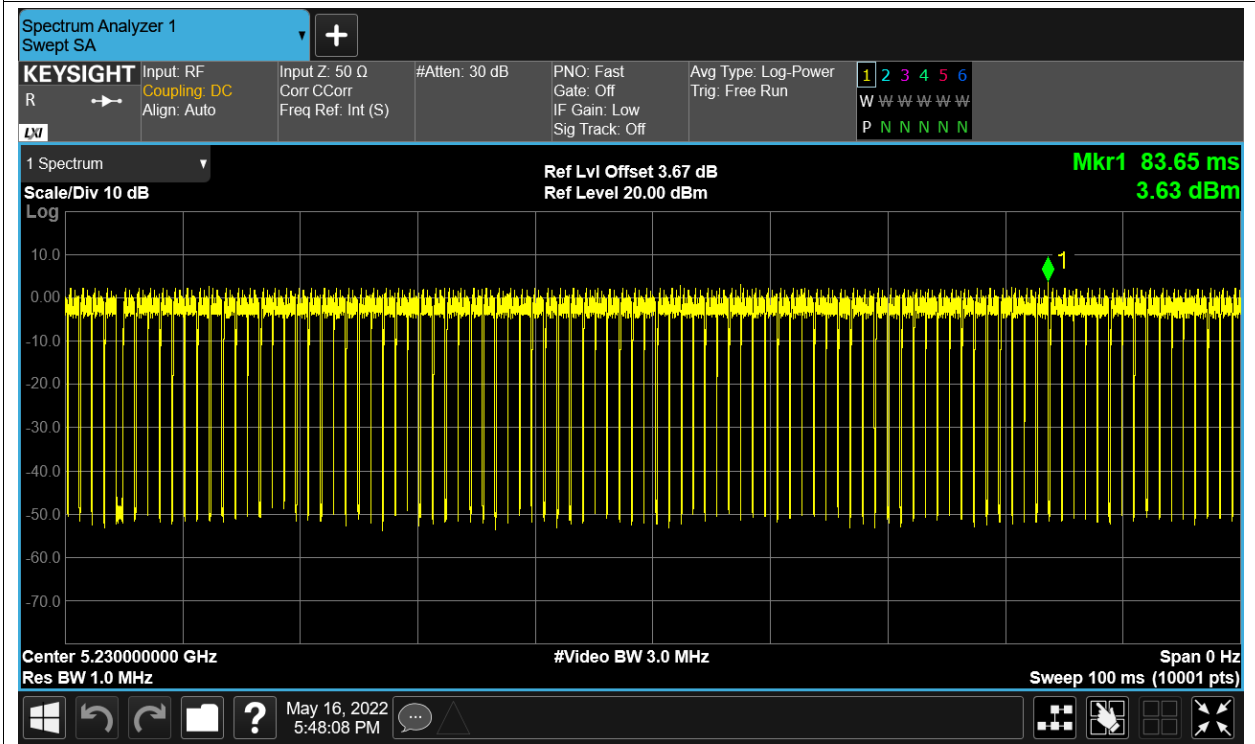
Duty Cycle NVNT ac20 5240MHz Ant1



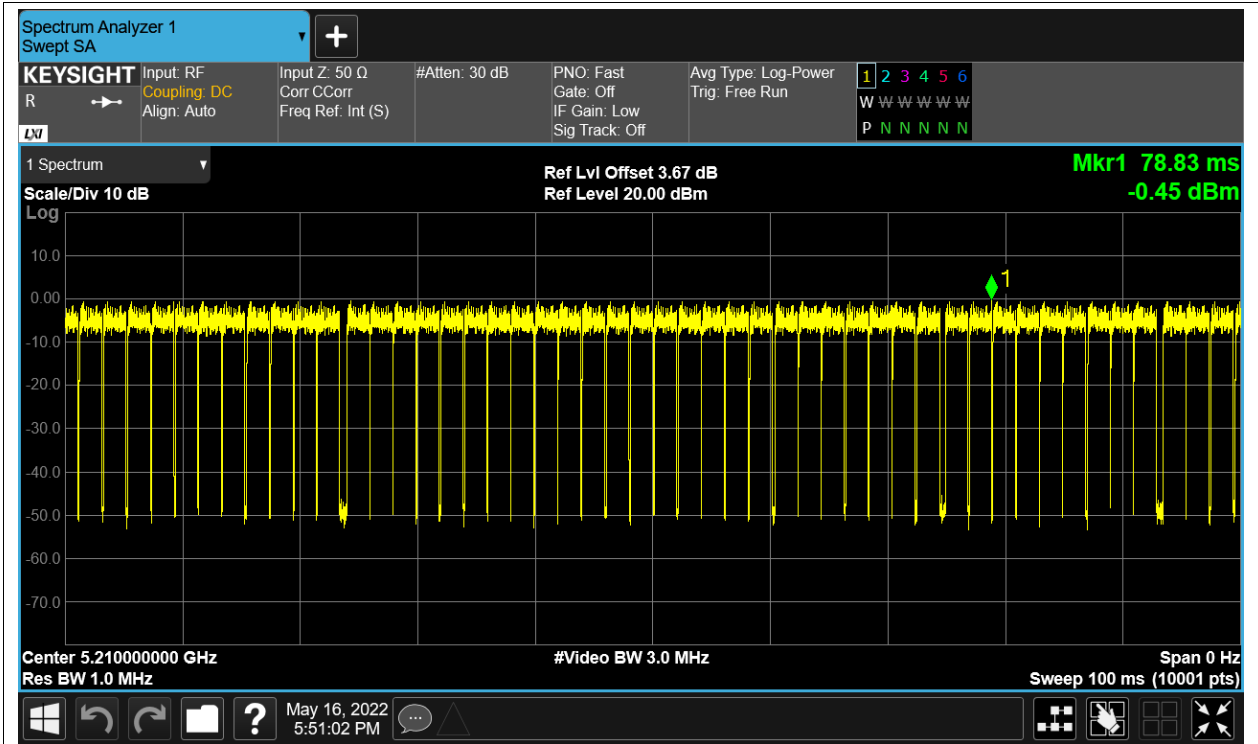
Duty Cycle NVNT ac40 5190MHz Ant1



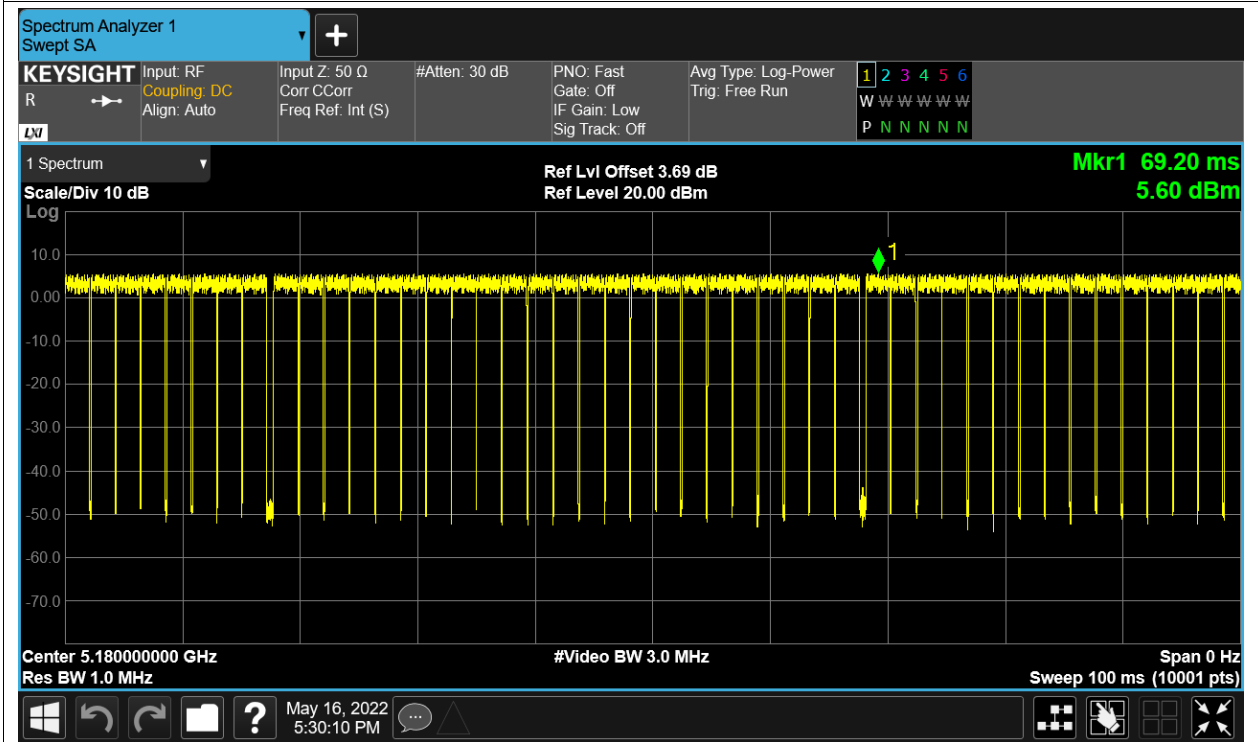
Duty Cycle NVNT ac40 5230MHz Ant1



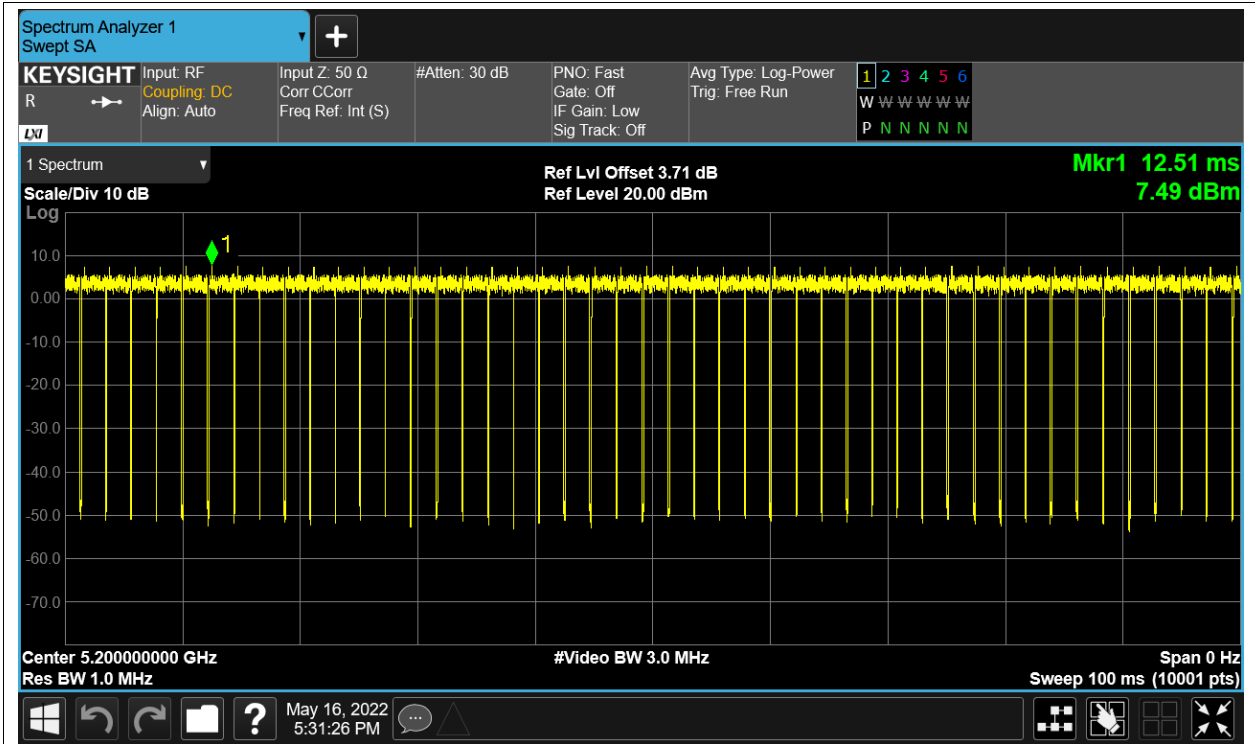
Duty Cycle NVNT ac80 5210MHz Ant1



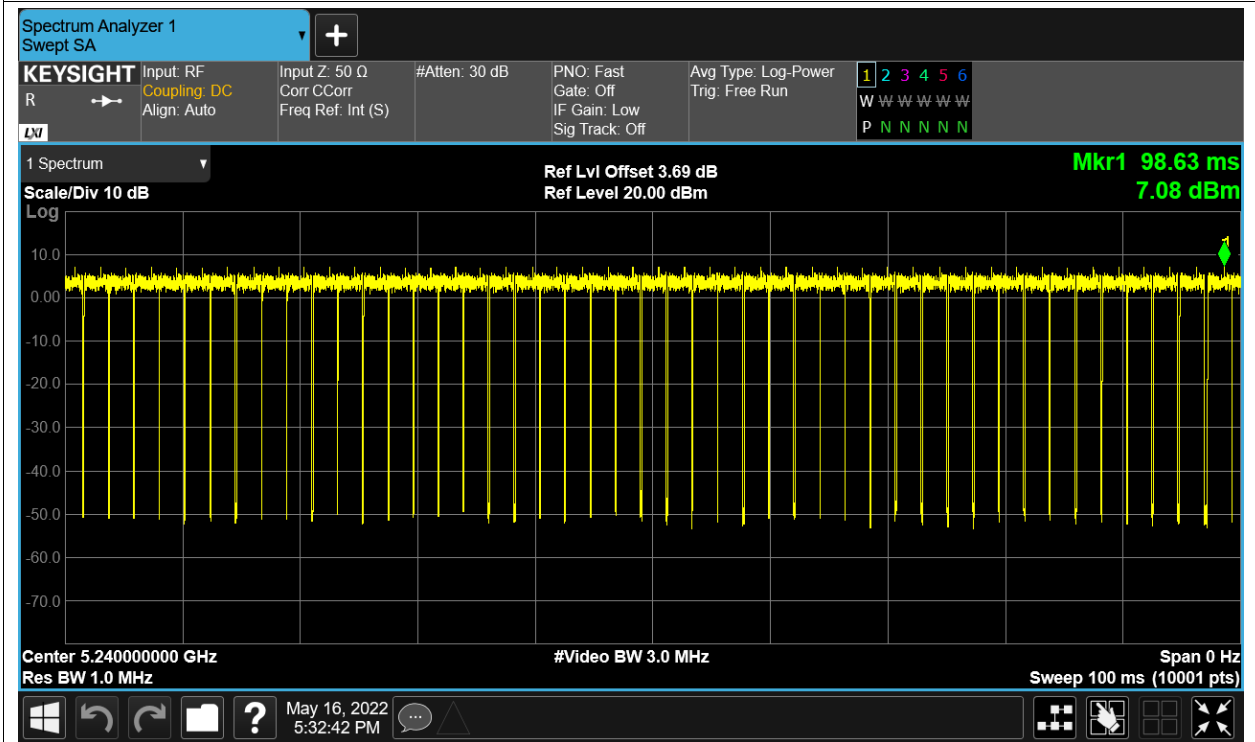
Duty Cycle NVNT n20 5180MHz Ant1



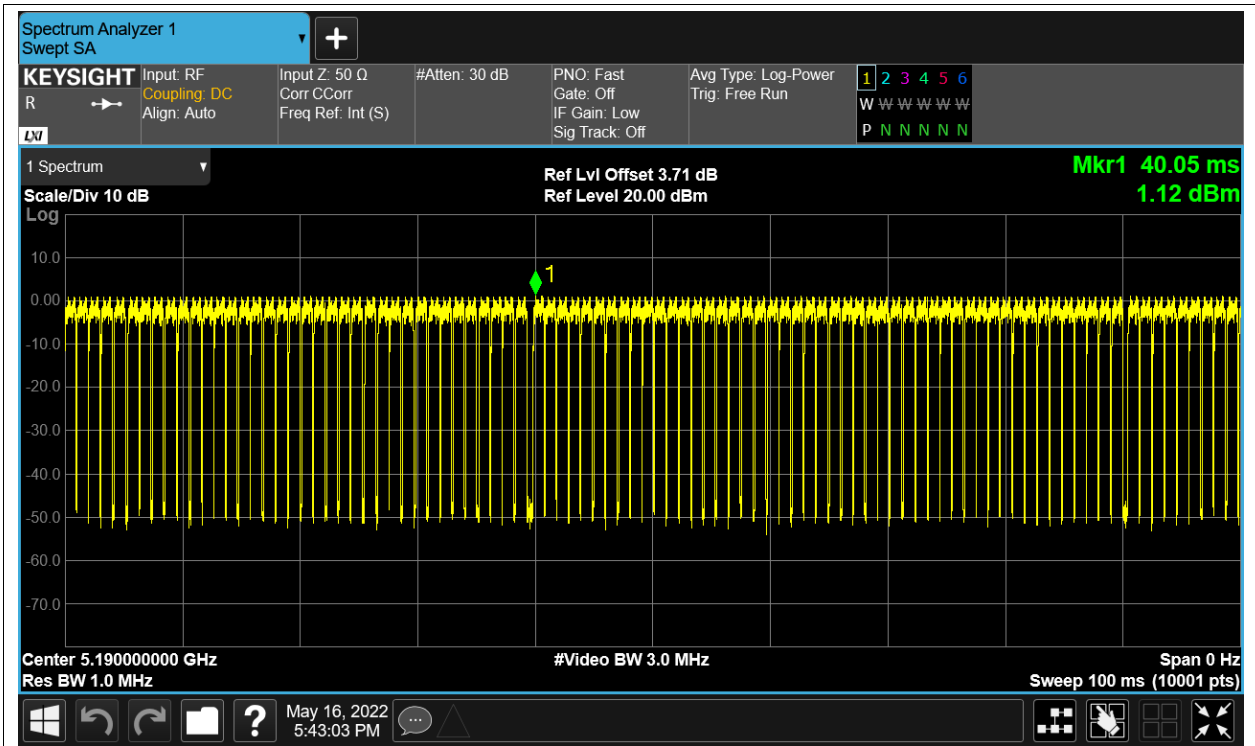
Duty Cycle NVNT n20 5200MHz Ant1



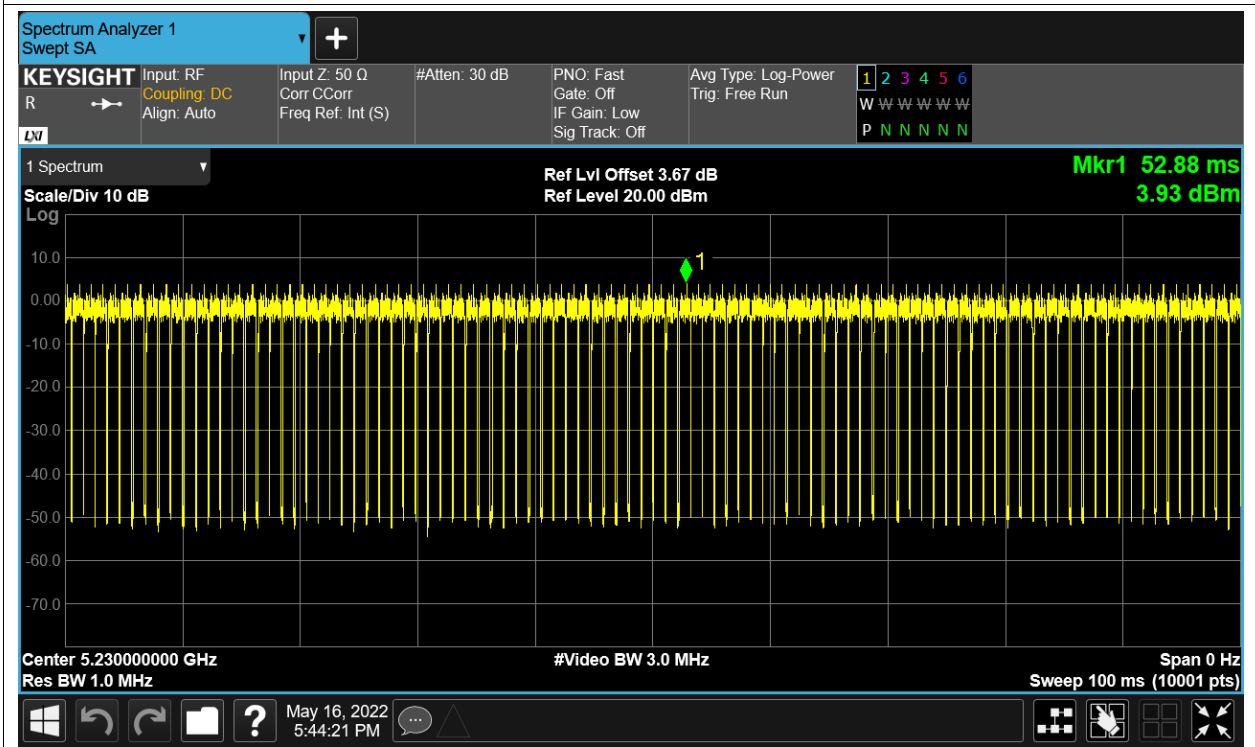
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

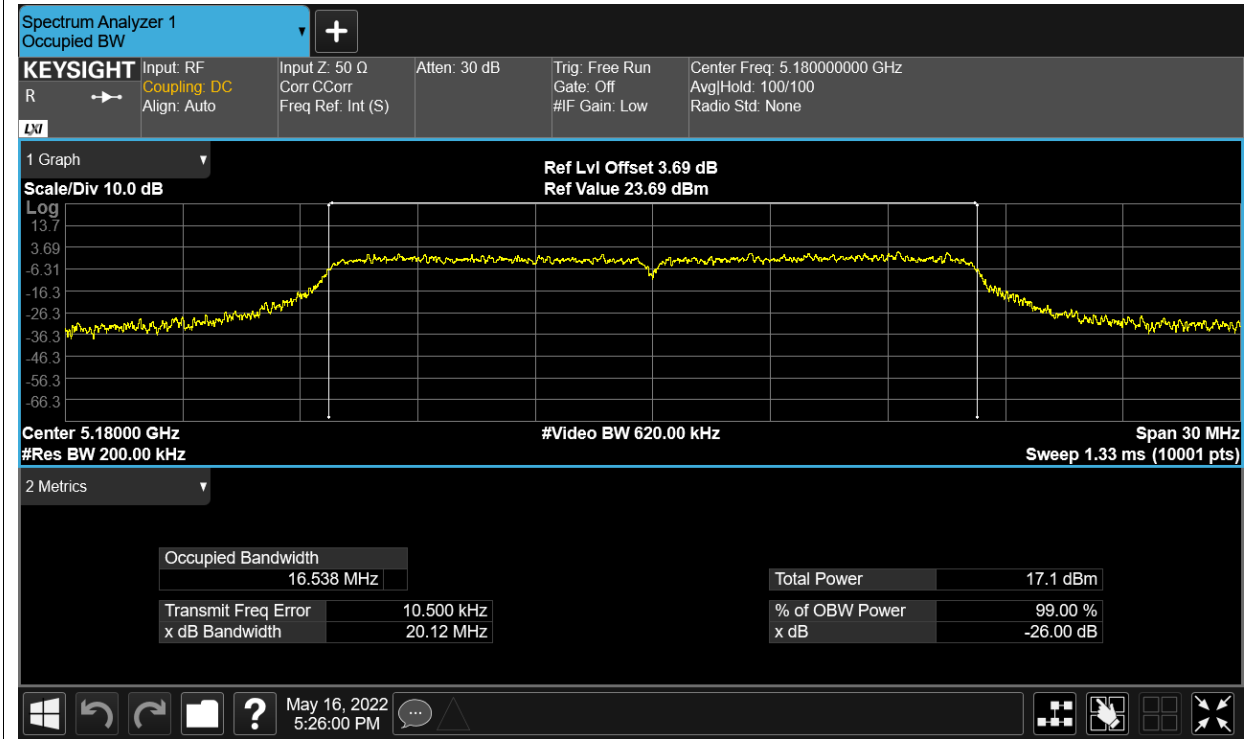
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.59	0.24	11.83	24	Pass
NVNT	a	5200	Ant1	12.03	0.19	12.22	24	Pass
NVNT	a	5240	Ant1	12.38	0.18	12.56	24	Pass
NVNT	ac20	5180	Ant1	11.67	0.25	11.92	24	Pass
NVNT	ac20	5200	Ant1	11.84	0.19	12.03	24	Pass
NVNT	ac20	5240	Ant1	12.15	0.19	12.34	24	Pass
NVNT	ac40	5190	Ant1	12.01	0.43	12.44	24	Pass
NVNT	ac40	5230	Ant1	12.36	0.42	12.78	24	Pass
NVNT	ac80	5210	Ant1	11.77	0.26	12.03	24	Pass
NVNT	n20	5180	Ant1	11.69	0.23	11.92	24	Pass
NVNT	n20	5200	Ant1	11.87	0.21	12.08	24	Pass
NVNT	n20	5240	Ant1	12.2	0.19	12.39	24	Pass
NVNT	n40	5190	Ant1	11.95	0.46	12.41	24	Pass
NVNT	n40	5230	Ant1	12.43	0.4	12.83	24	Pass

Occupied Channel Bandwidth

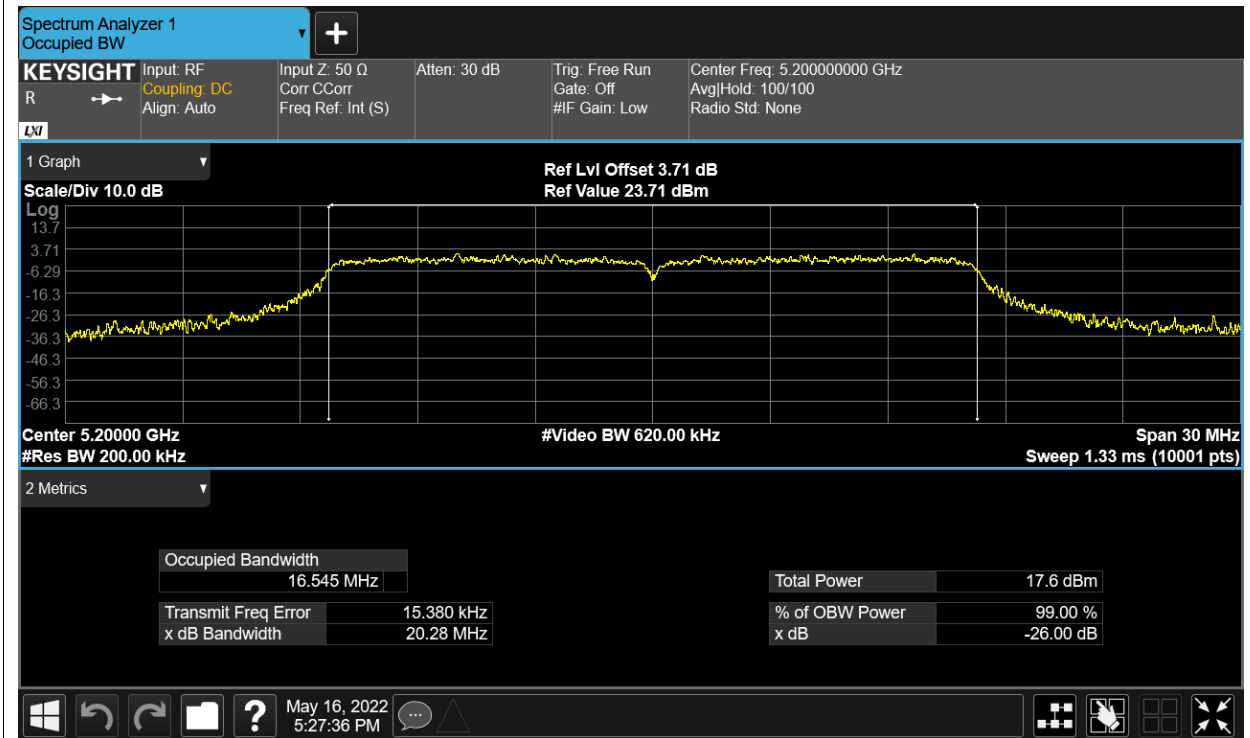
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.53810575
NVNT	a	5200	Ant1	16.54474004
NVNT	a	5240	Ant1	16.5100304
NVNT	ac20	5180	Ant1	16.58207665
NVNT	ac20	5200	Ant1	16.52169089
NVNT	ac20	5240	Ant1	16.54212793
NVNT	ac40	5190	Ant1	36.08695563
NVNT	ac40	5230	Ant1	36.11696384
NVNT	ac80	5210	Ant1	75.41214191
NVNT	n20	5180	Ant1	16.55998222
NVNT	n20	5200	Ant1	16.51250551
NVNT	n20	5240	Ant1	16.5311709
NVNT	n40	5190	Ant1	36.12433157
NVNT	n40	5230	Ant1	36.15336661

Test Graphs

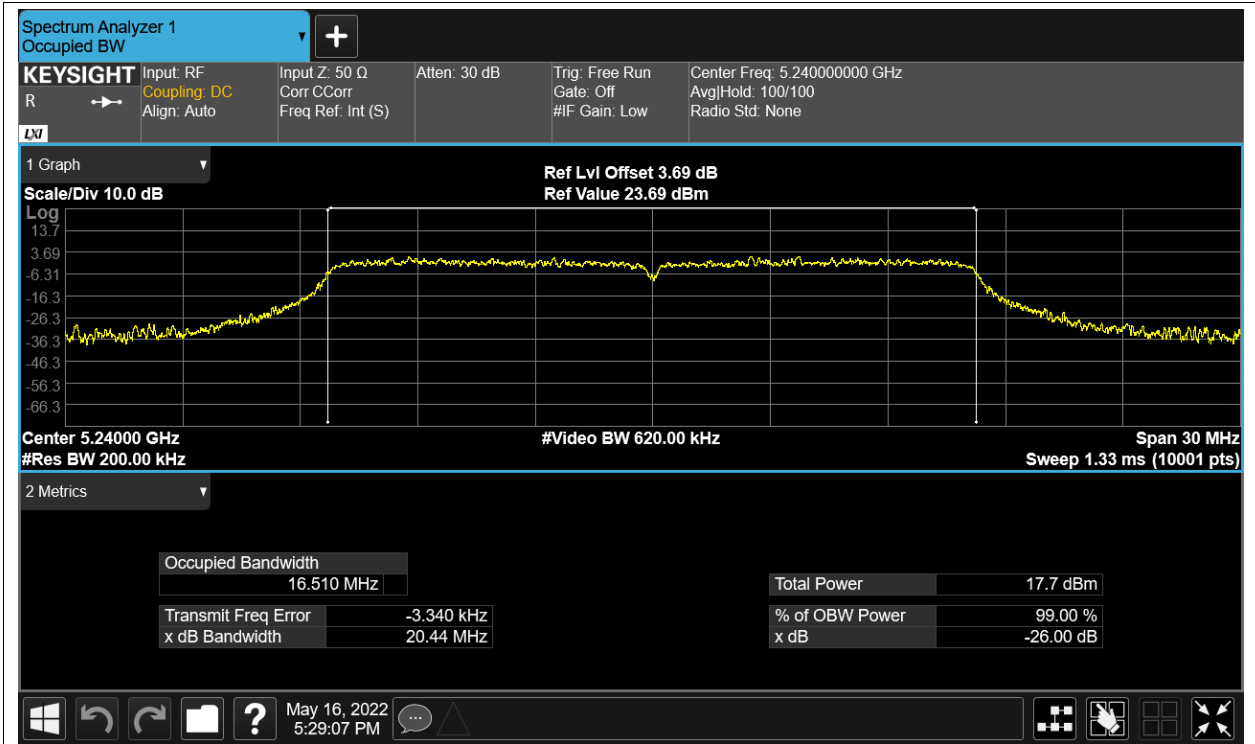
OBW NVNT a 5180MHz Ant1



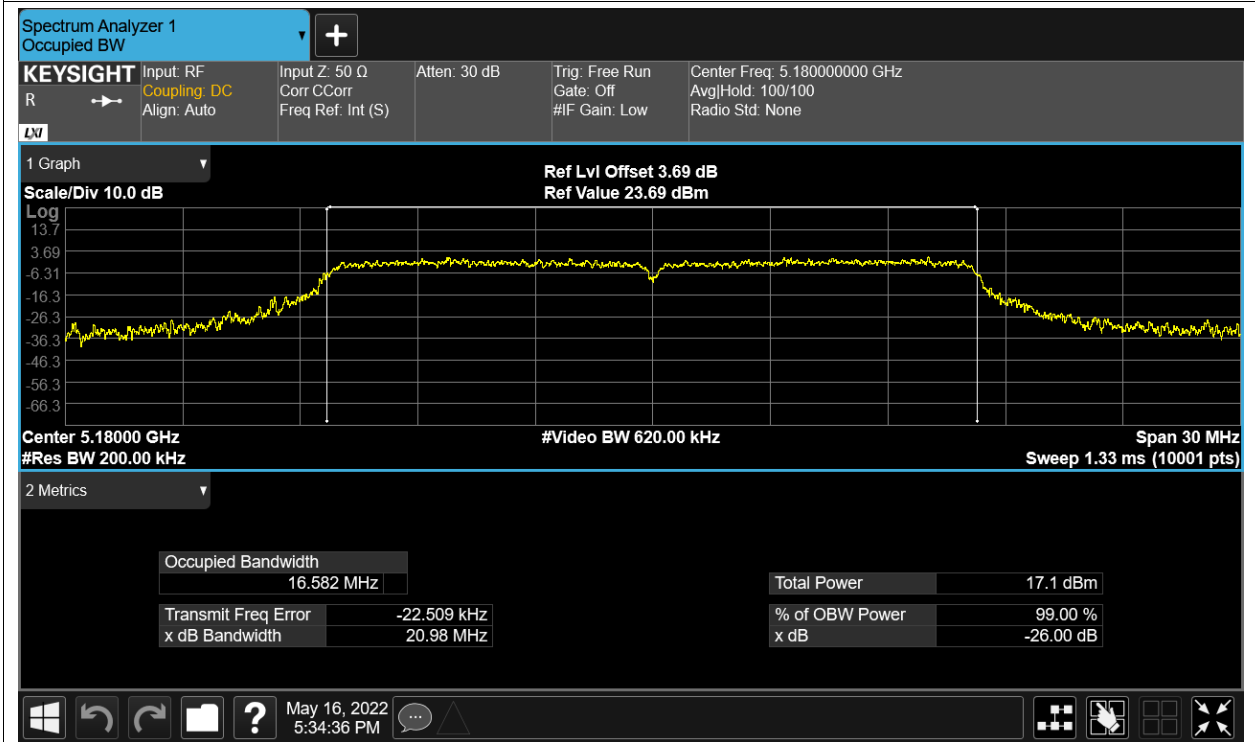
OBW NVNT a 5200MHz Ant1



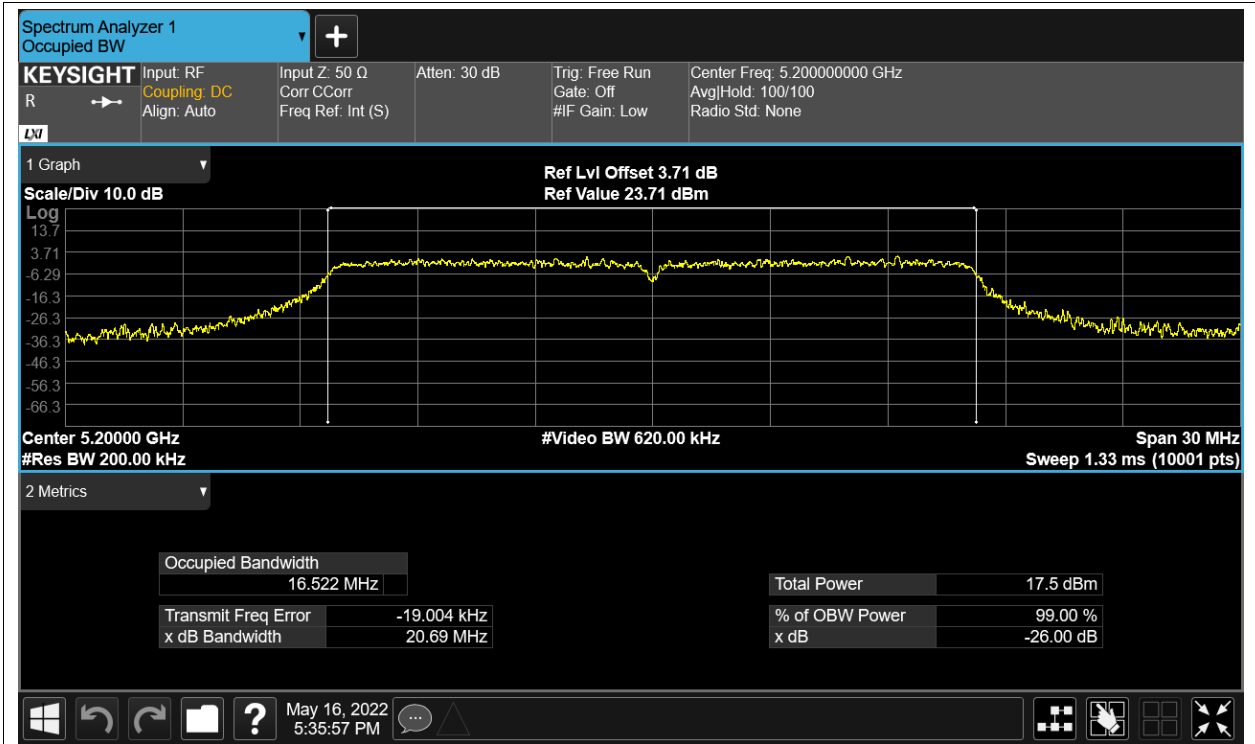
OBW NVNT a 5240MHz Ant1



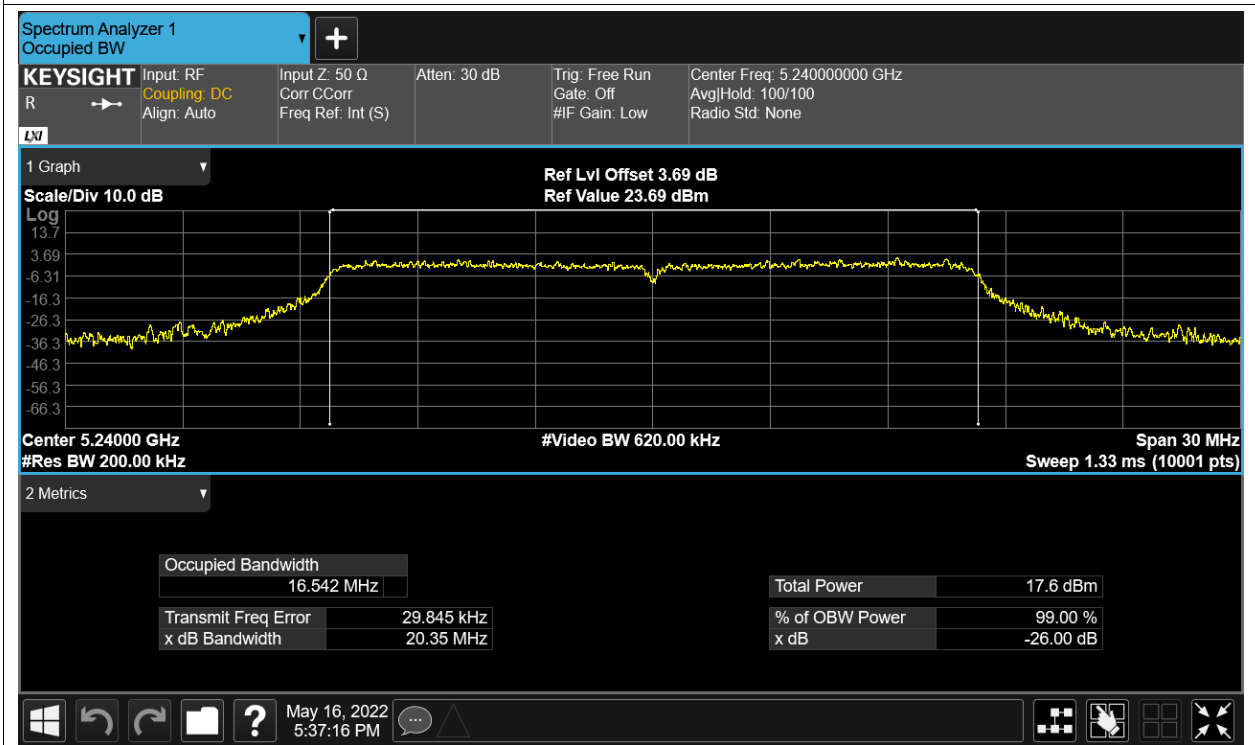
OBW NVNT ac20 5180MHz Ant1



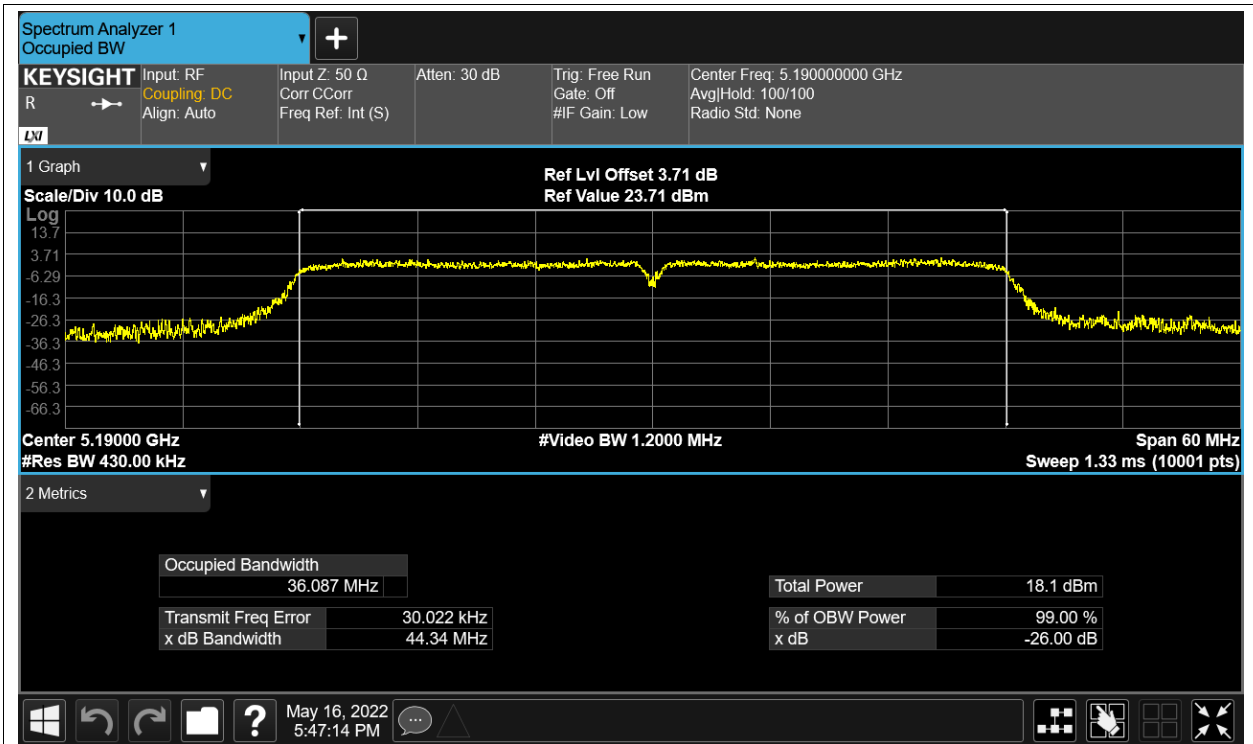
OBW NVNT ac20 5200MHz Ant1



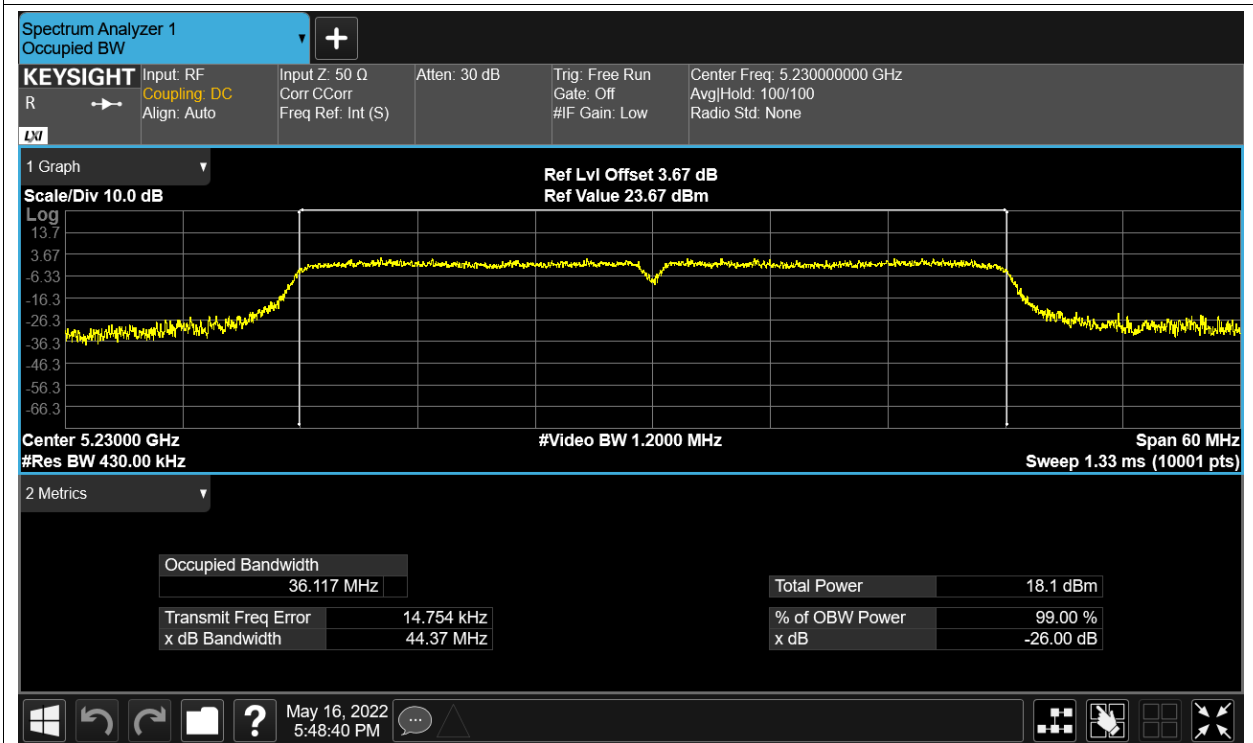
OBW NVNT ac20 5240MHz Ant1



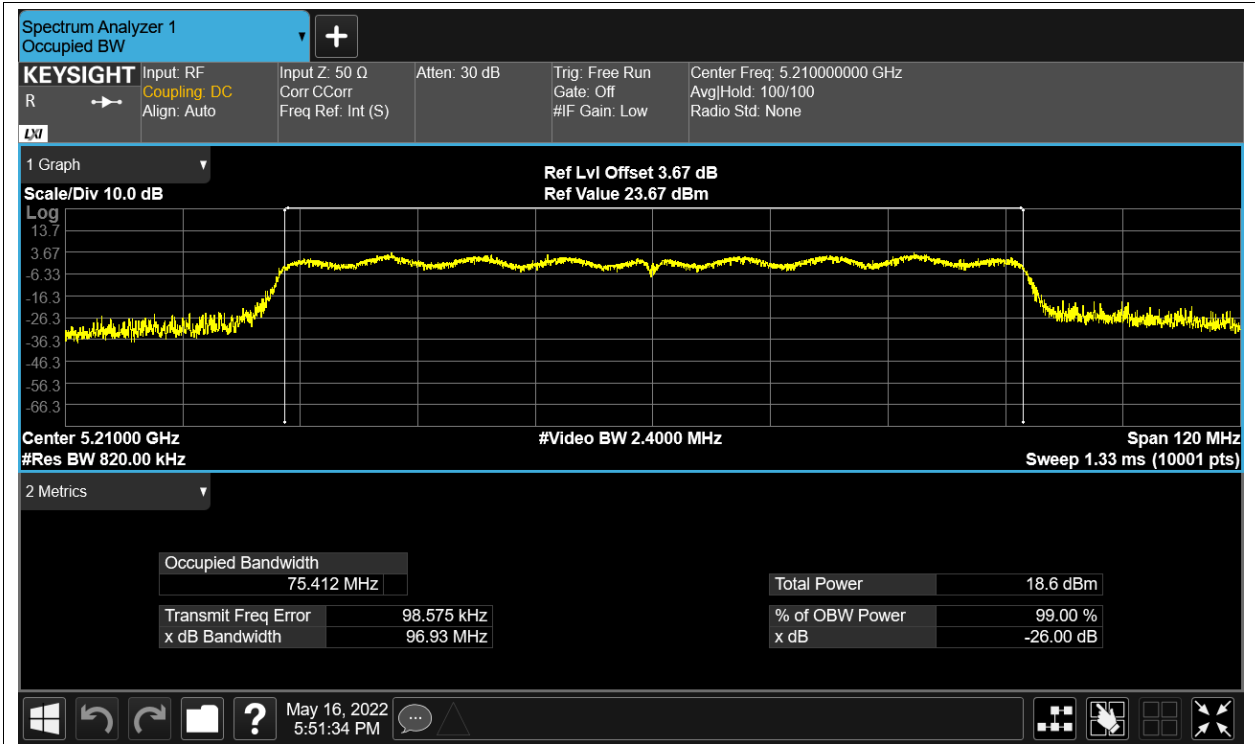
OBW NVNT ac40 5190MHz Ant1



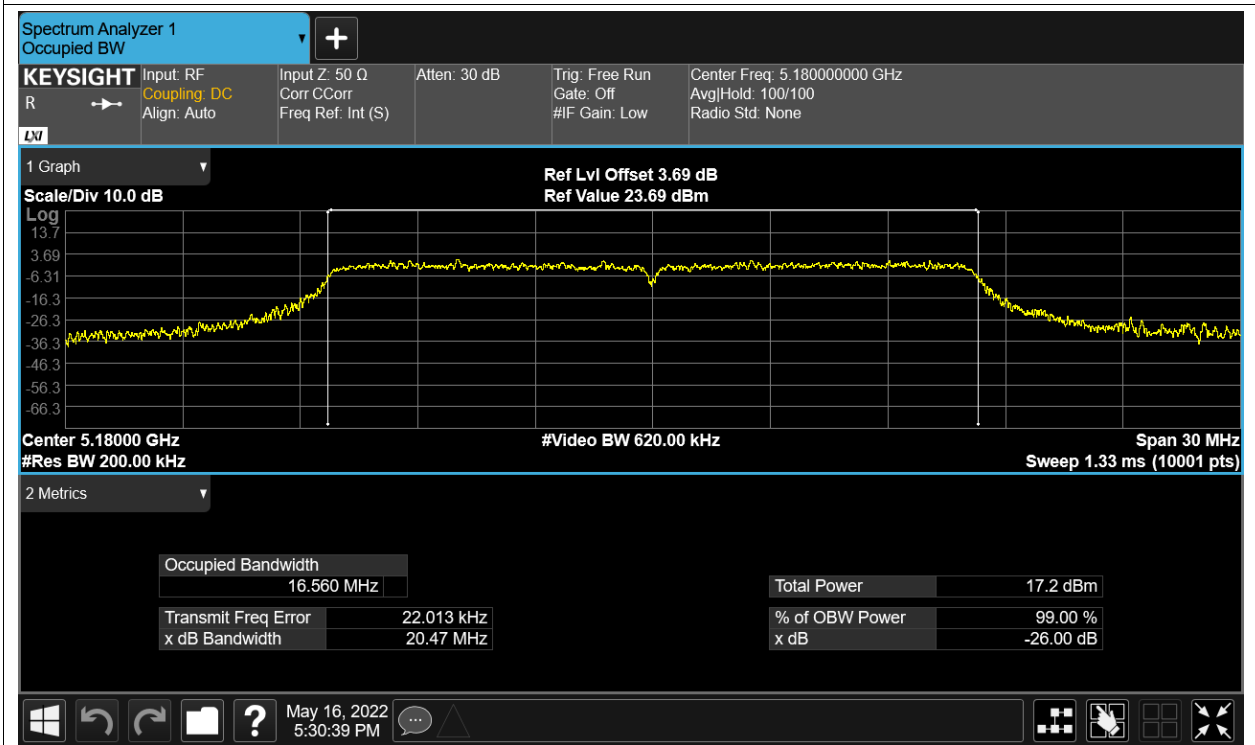
OBW NVNT ac40 5230MHz Ant1



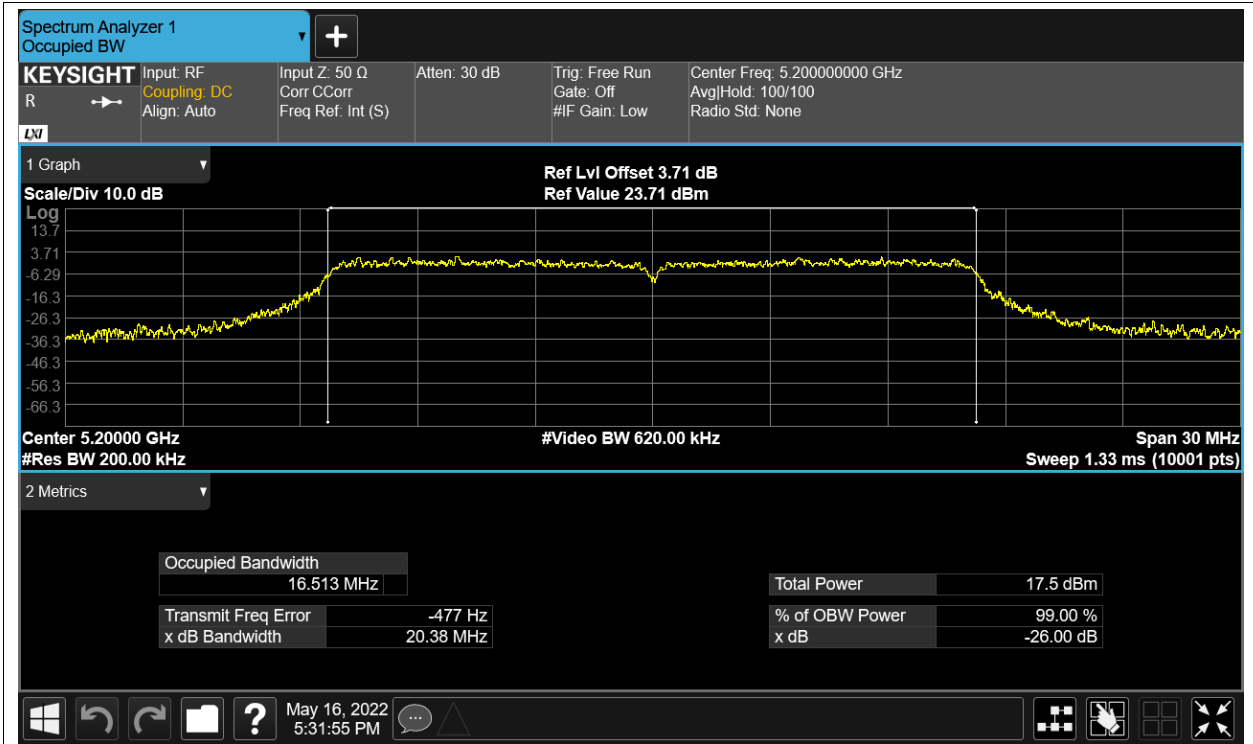
OBW NVNT ac80 5210MHz Ant1



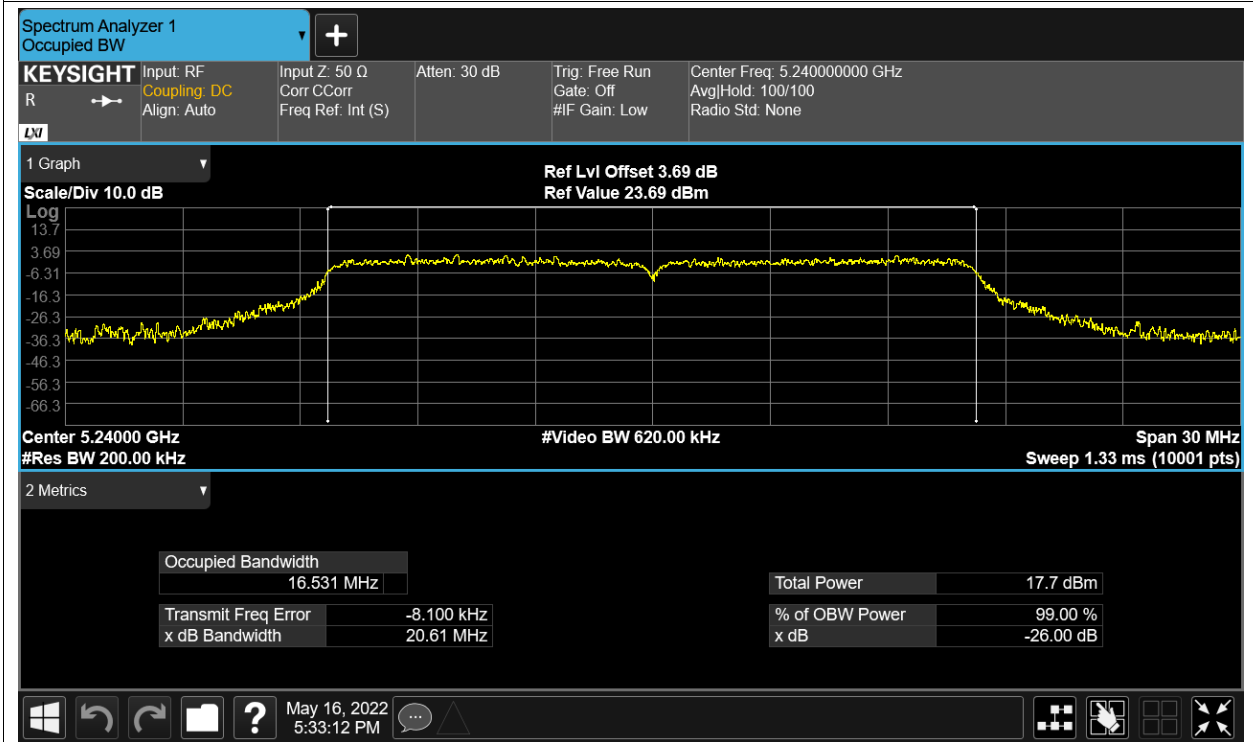
OBW NVNT n20 5180MHz Ant1



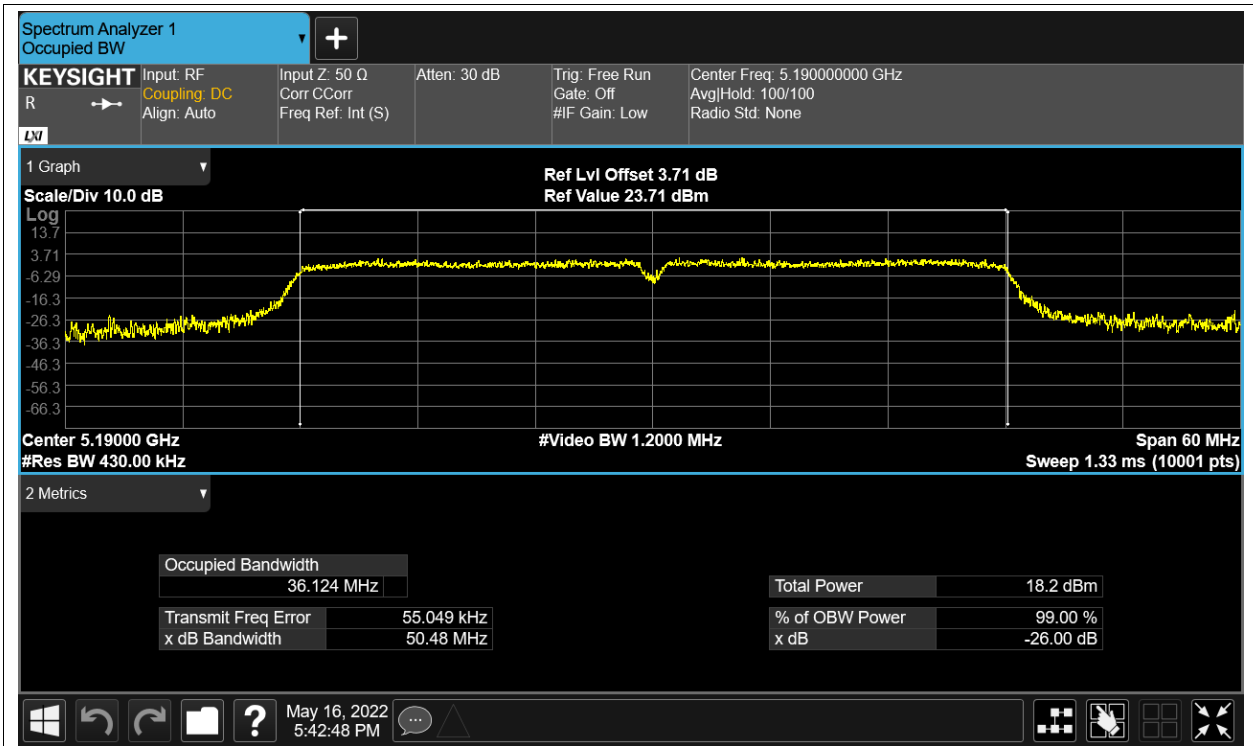
OBW NVNT n20 5200MHz Ant1



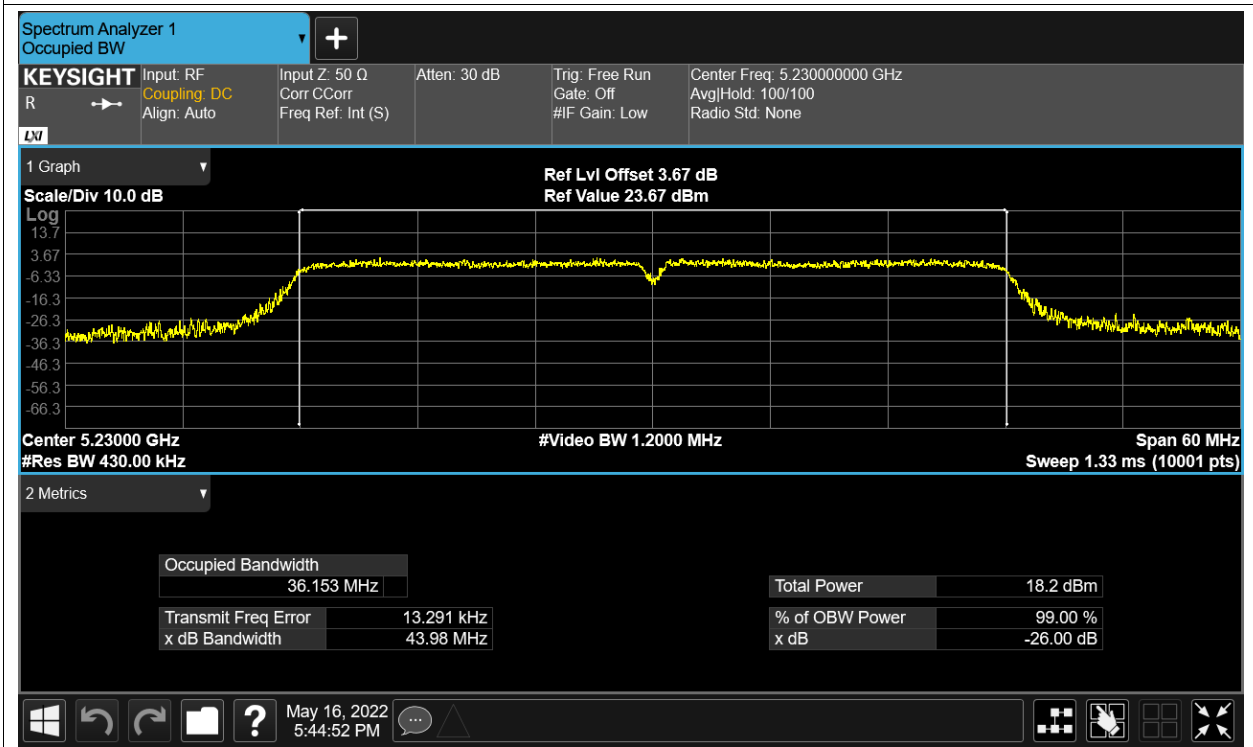
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

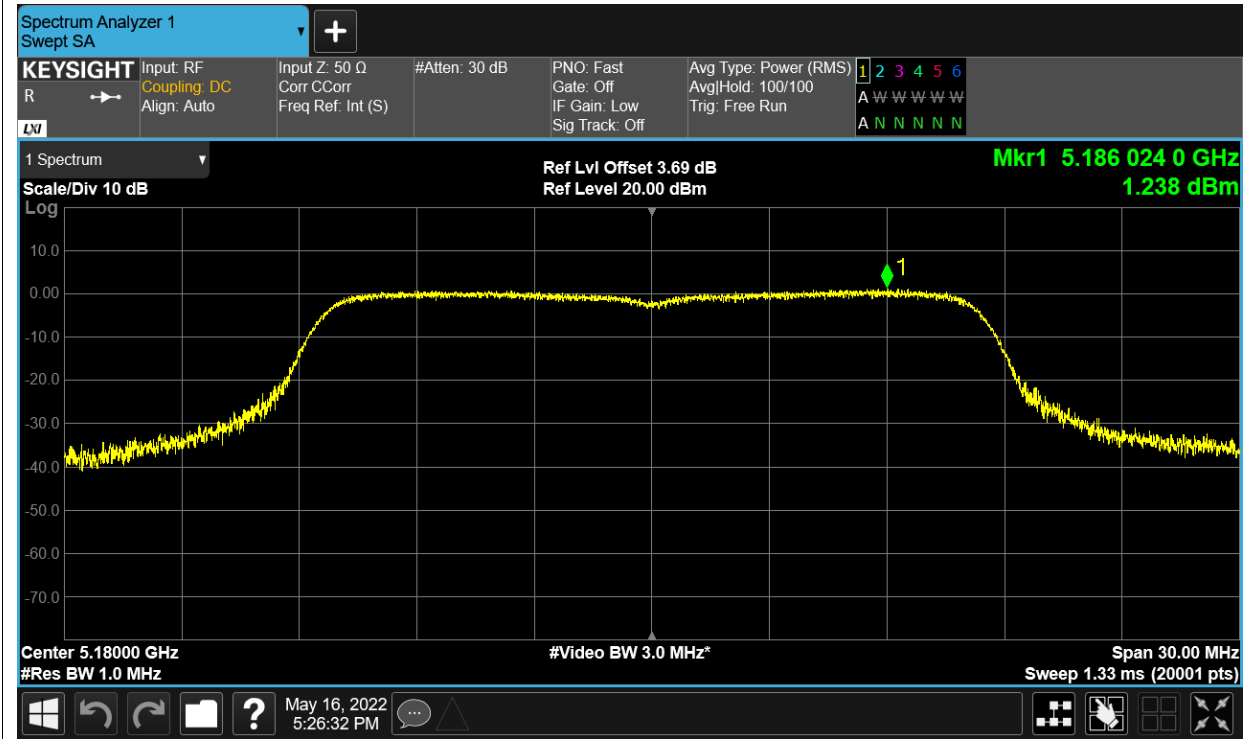


Maximum Power Spectral Density Level

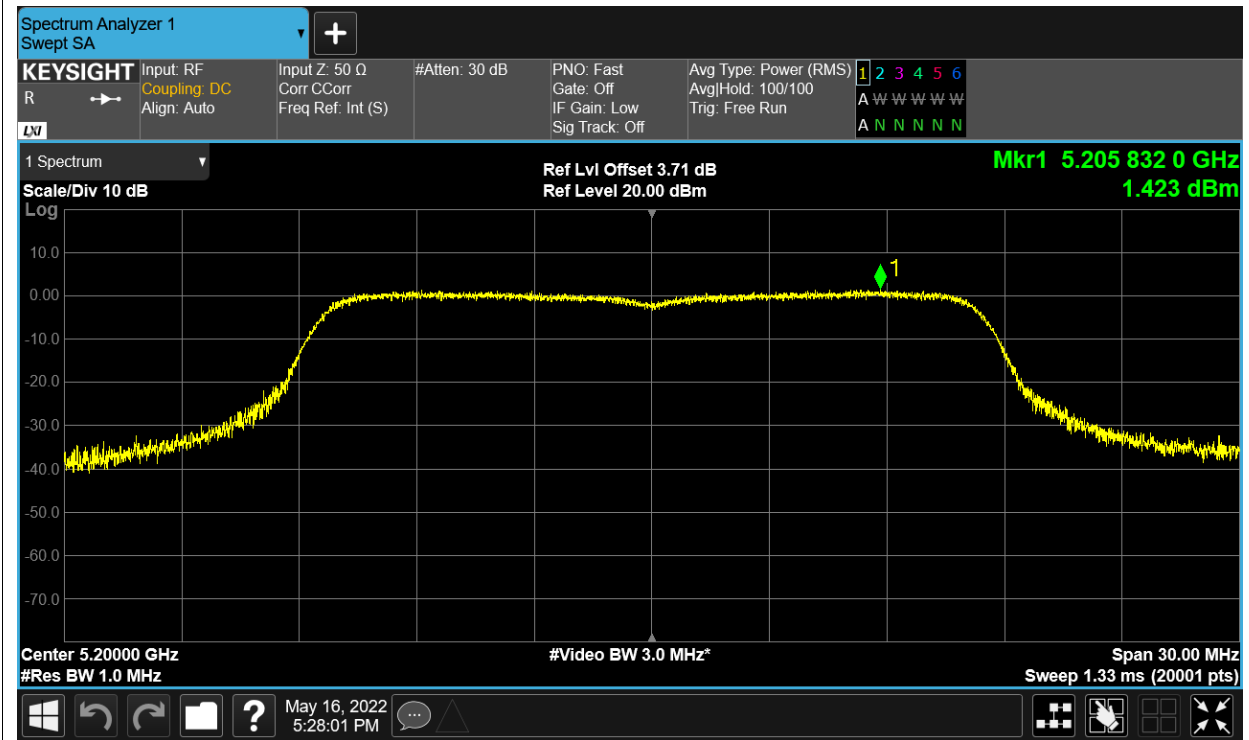
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.238	11	Pass
NVNT	a	5200	Ant1	1.423	11	Pass
NVNT	a	5240	Ant1	1.945	11	Pass
NVNT	ac20	5180	Ant1	1.197	11	Pass
NVNT	ac20	5200	Ant1	1.779	11	Pass
NVNT	ac20	5240	Ant1	1.605	11	Pass
NVNT	ac40	5190	Ant1	-1.244	11	Pass
NVNT	ac40	5230	Ant1	-1.428	11	Pass
NVNT	ac80	5210	Ant1	-3.749	11	Pass
NVNT	n20	5180	Ant1	0.993	11	Pass
NVNT	n20	5200	Ant1	1.668	11	Pass
NVNT	n20	5240	Ant1	1.601	11	Pass
NVNT	n40	5190	Ant1	-1.161	11	Pass
NVNT	n40	5230	Ant1	-1.655	11	Pass

Test Graphs

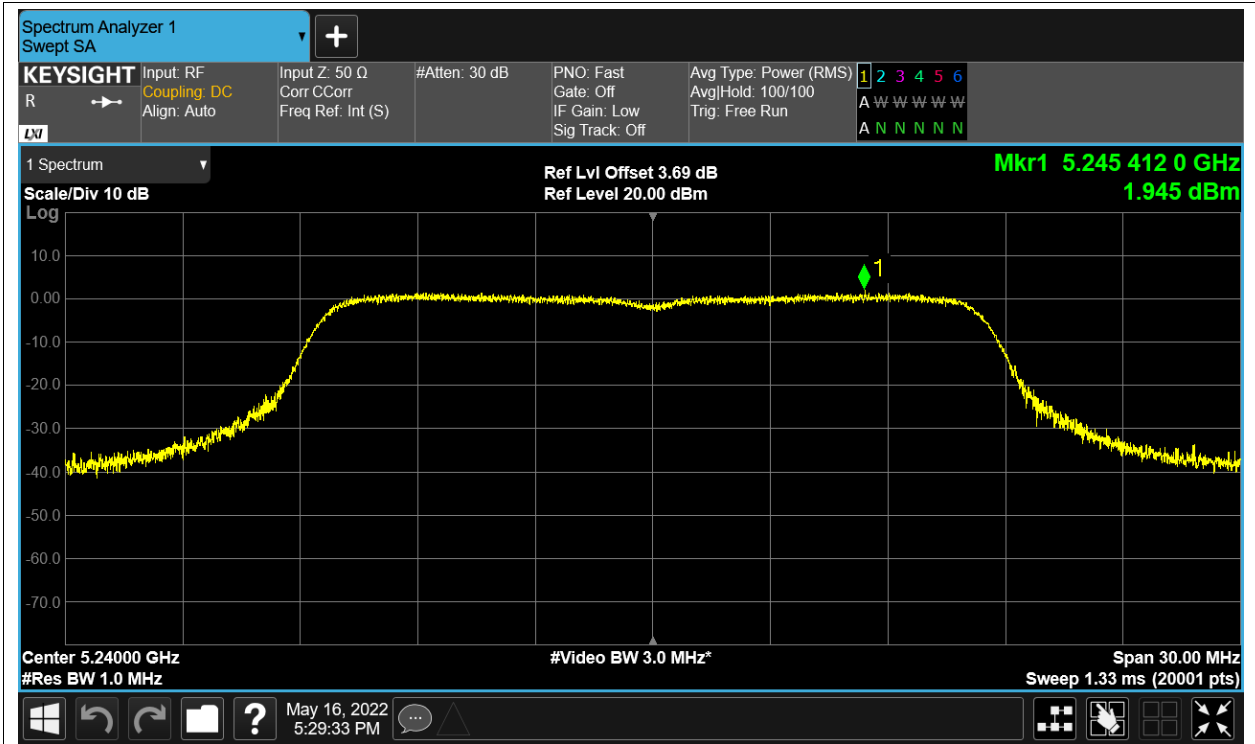
PSD NVNT a 5180MHz Ant1



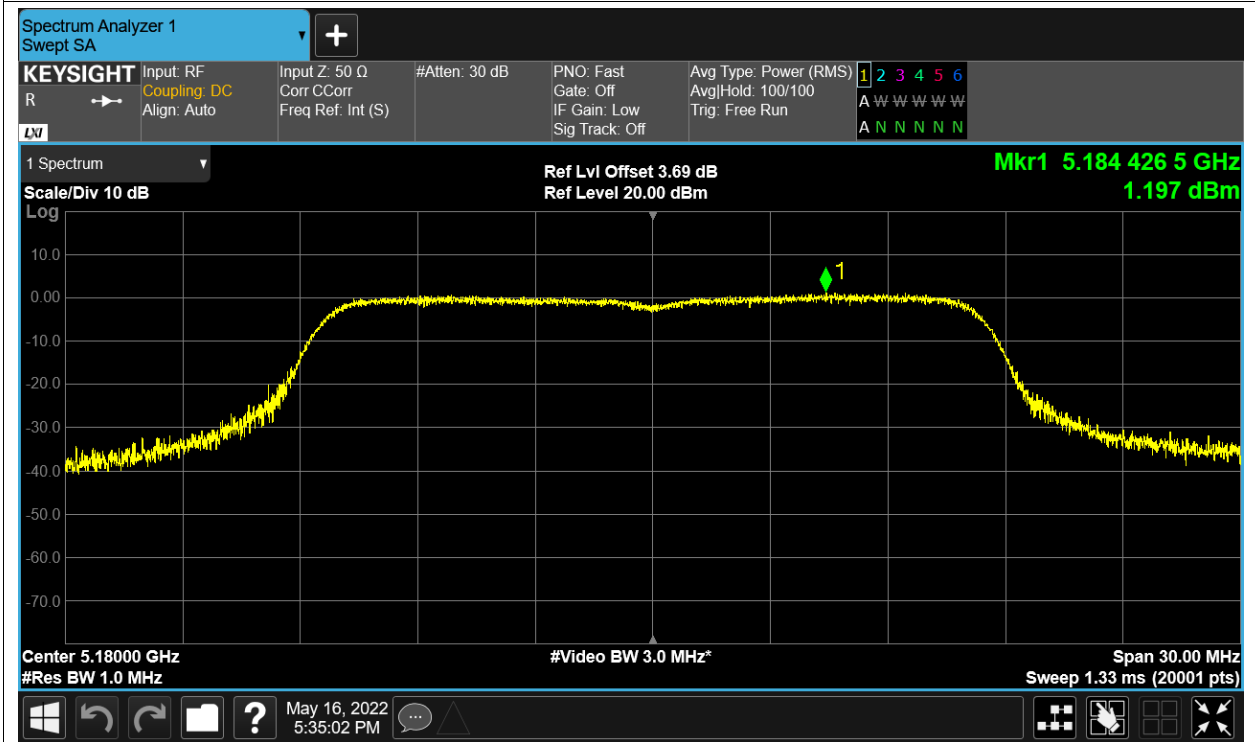
PSD NVNT a 5200MHz Ant1



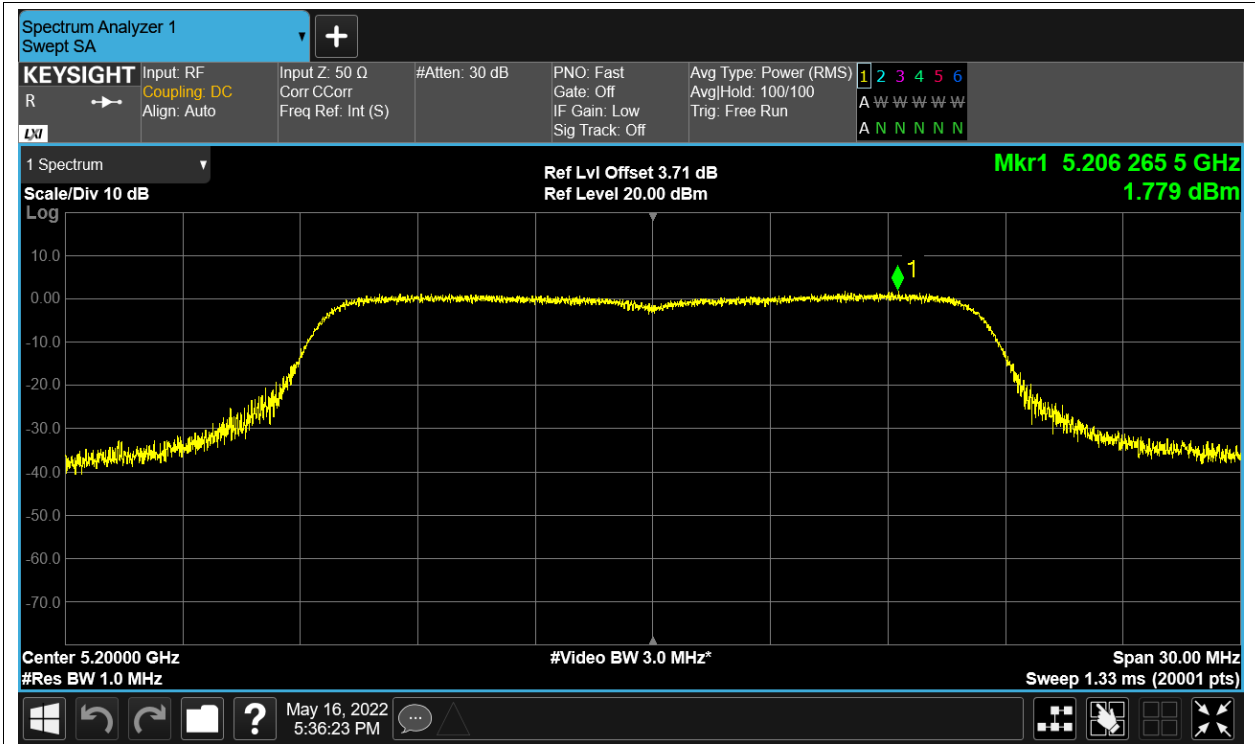
PSD NVNT a 5240MHz Ant1



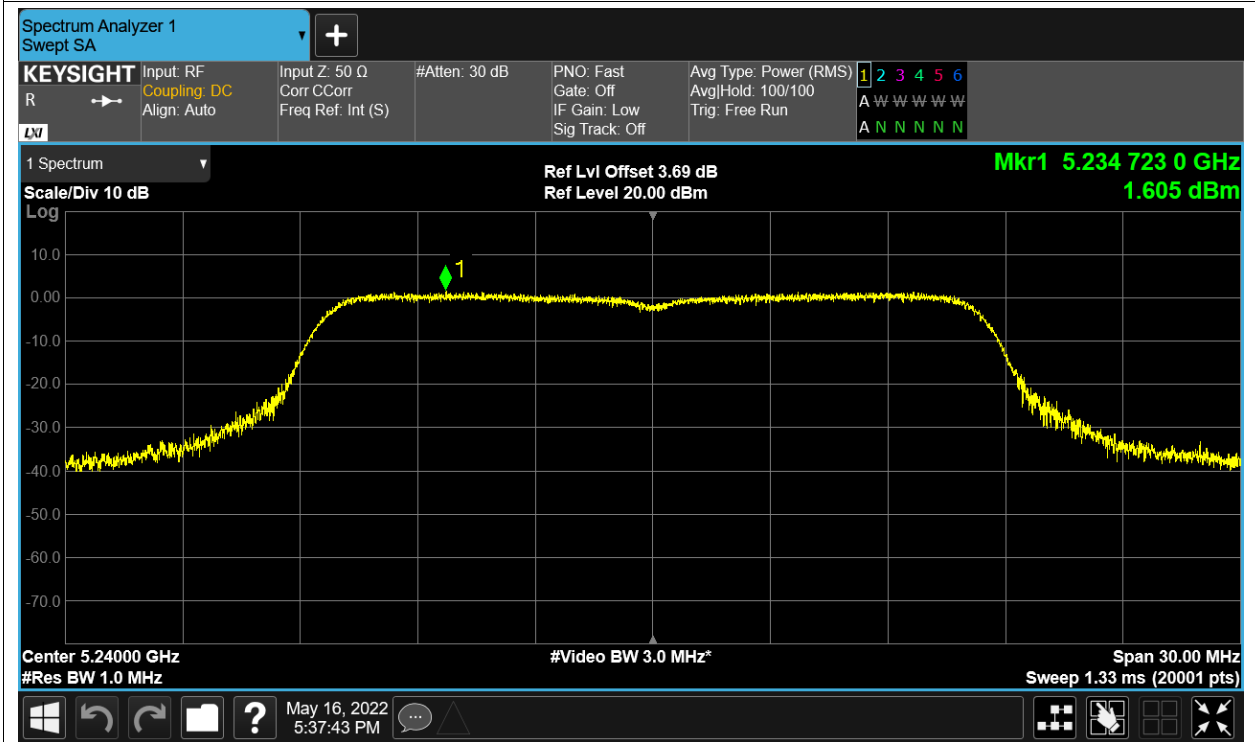
PSD NVNT ac20 5180MHz Ant1



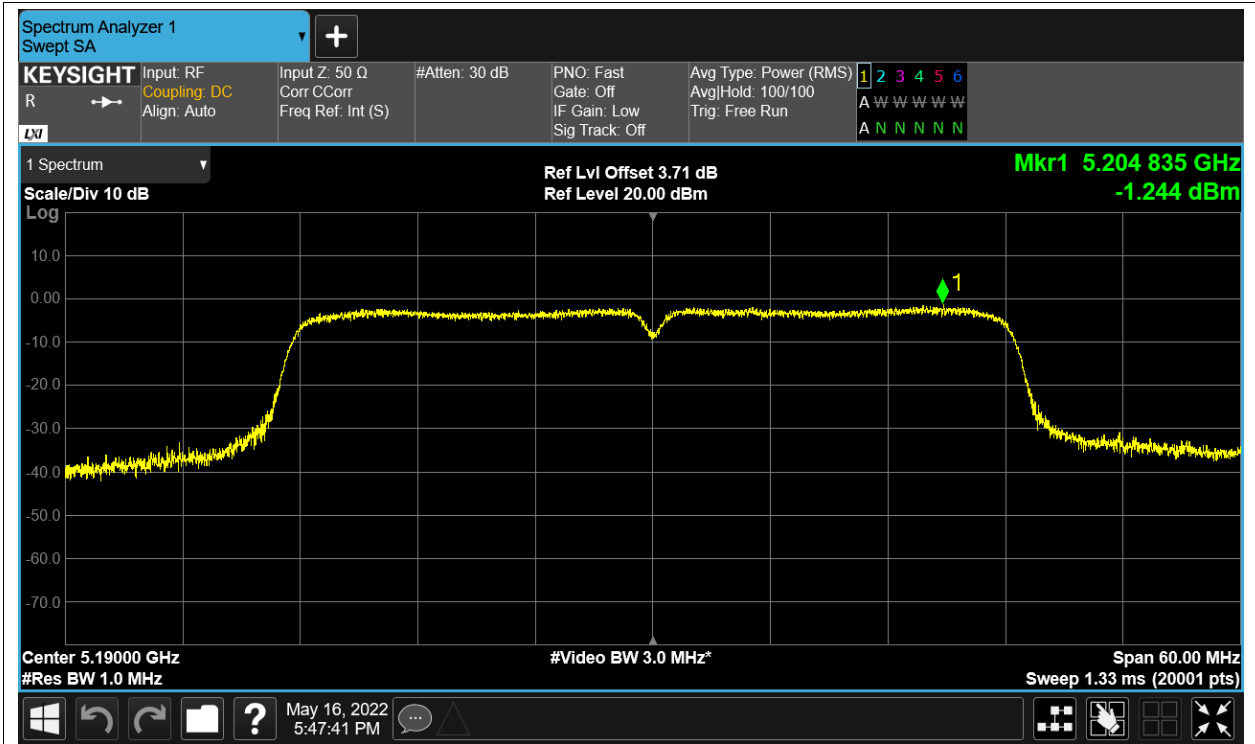
PSD NVNT ac20 5200MHz Ant1



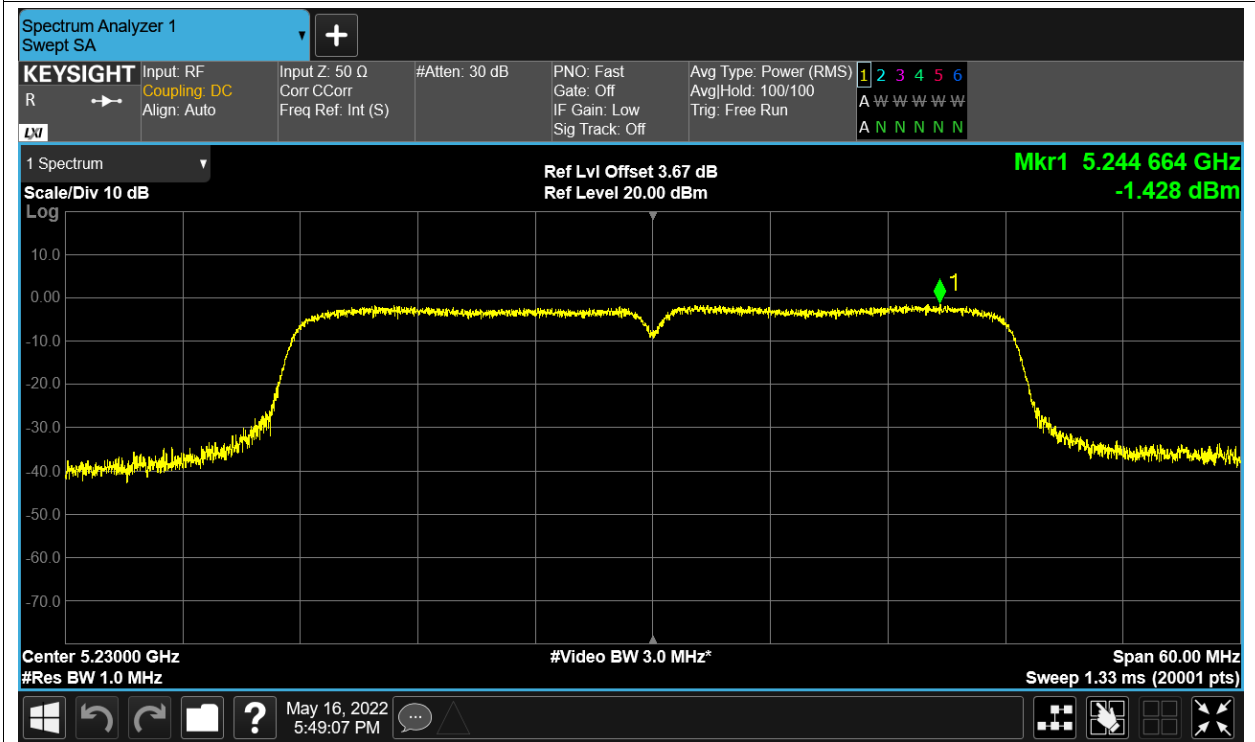
PSD NVNT ac20 5240MHz Ant1



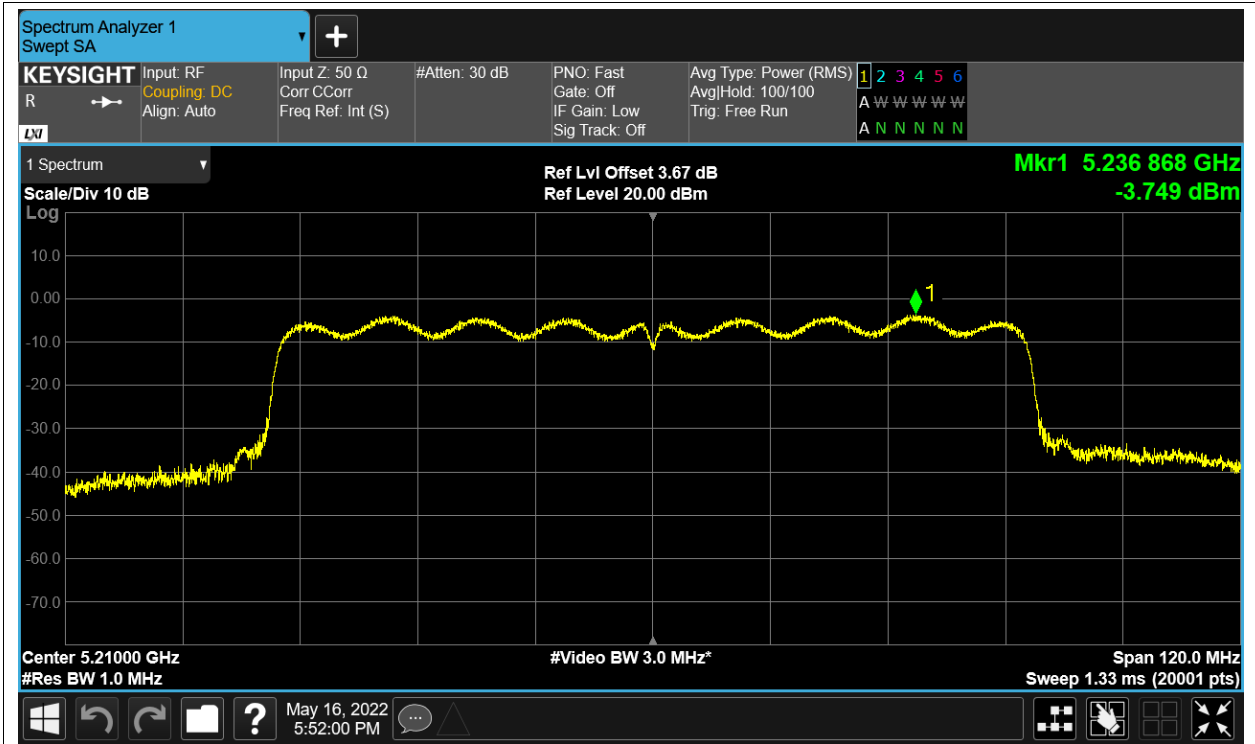
PSD NVNT ac40 5190MHz Ant1



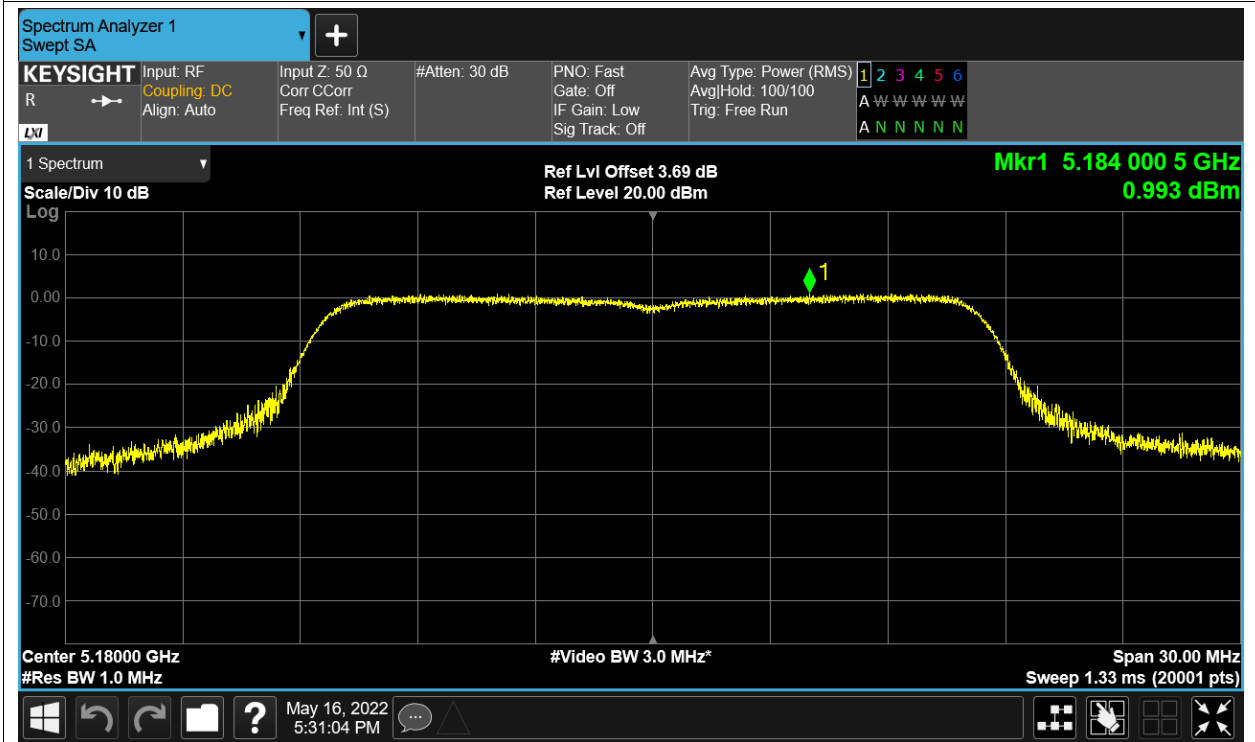
PSD NVNT ac40 5230MHz Ant1



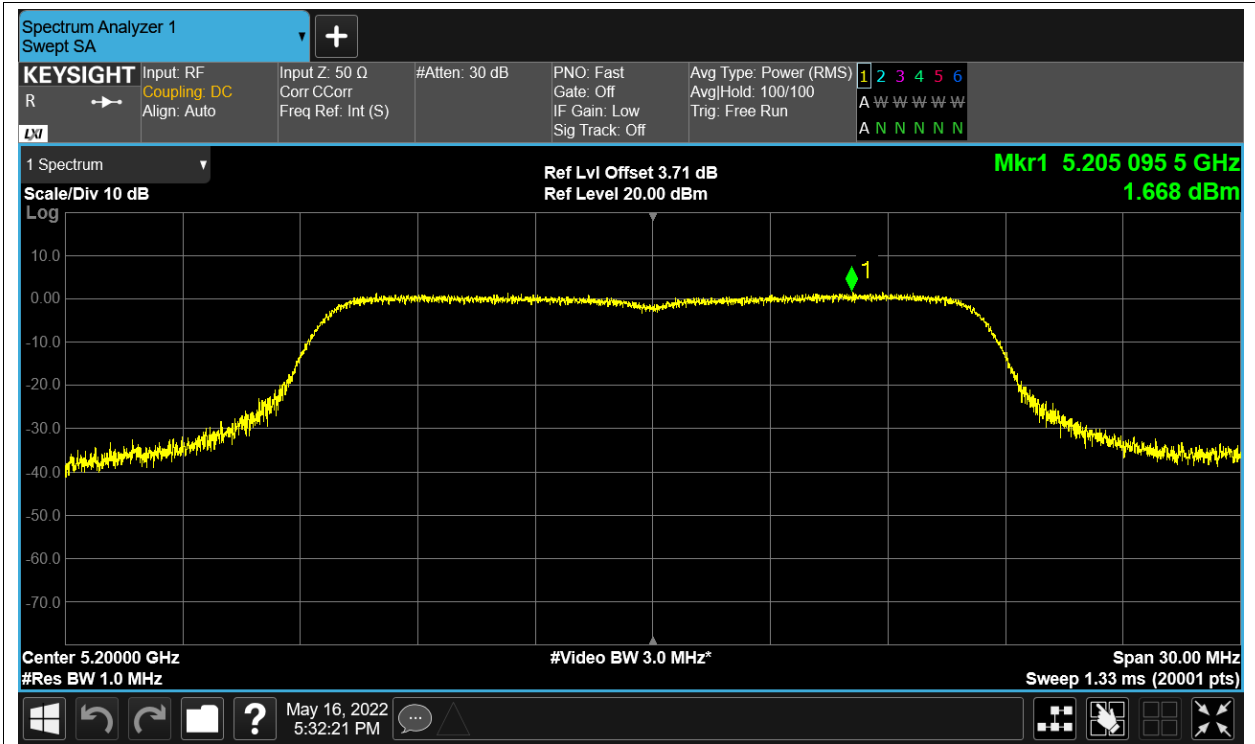
PSD NVNT ac80 5210MHz Ant1



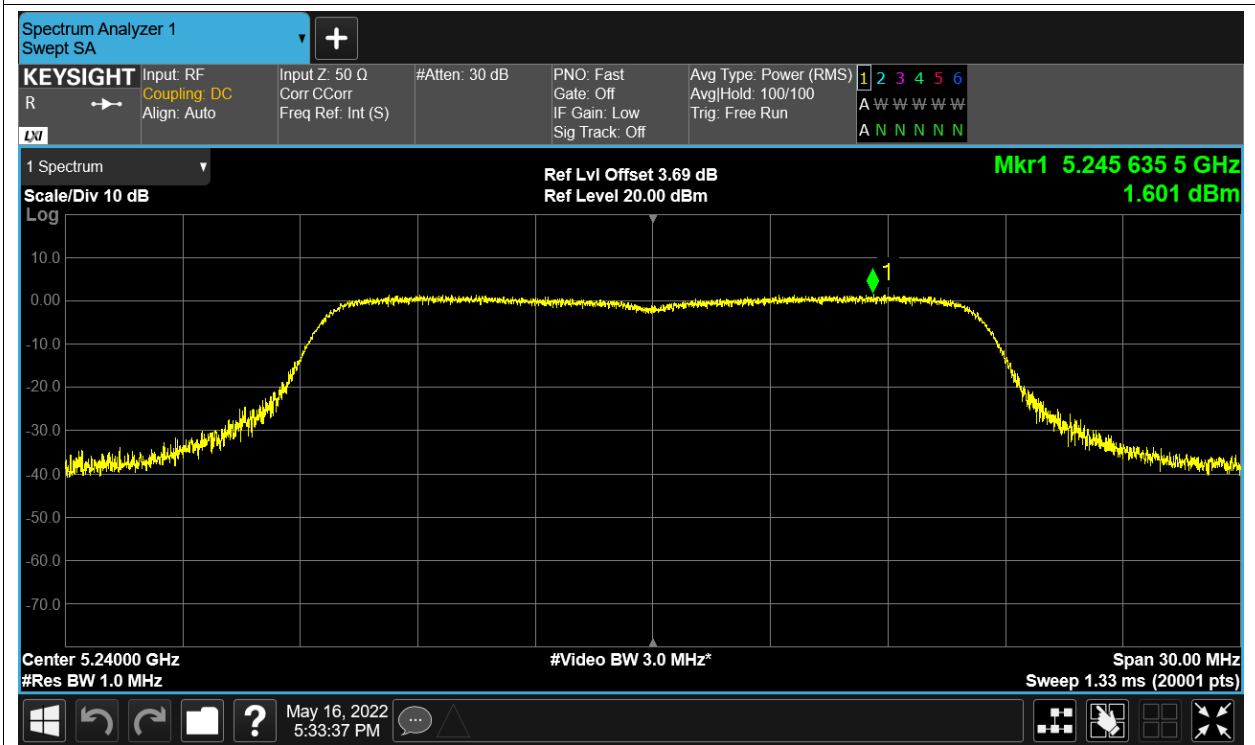
PSD NVNT n20 5180MHz Ant1



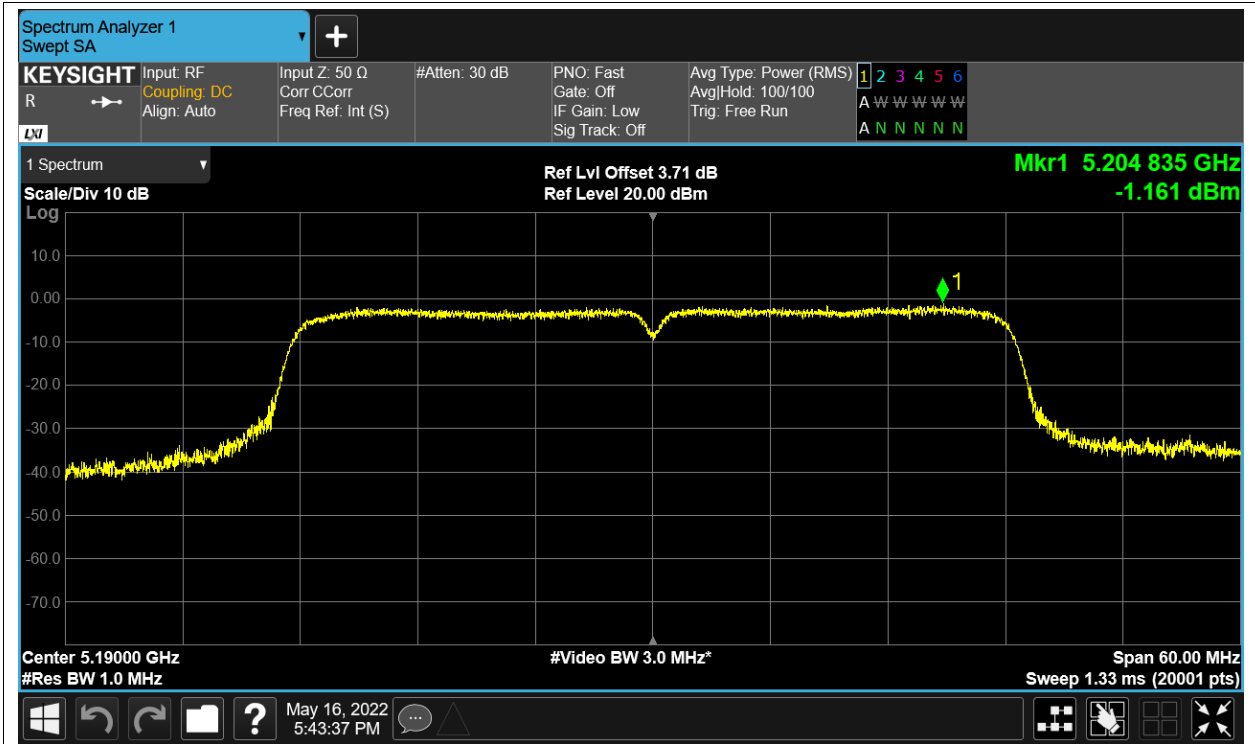
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

