

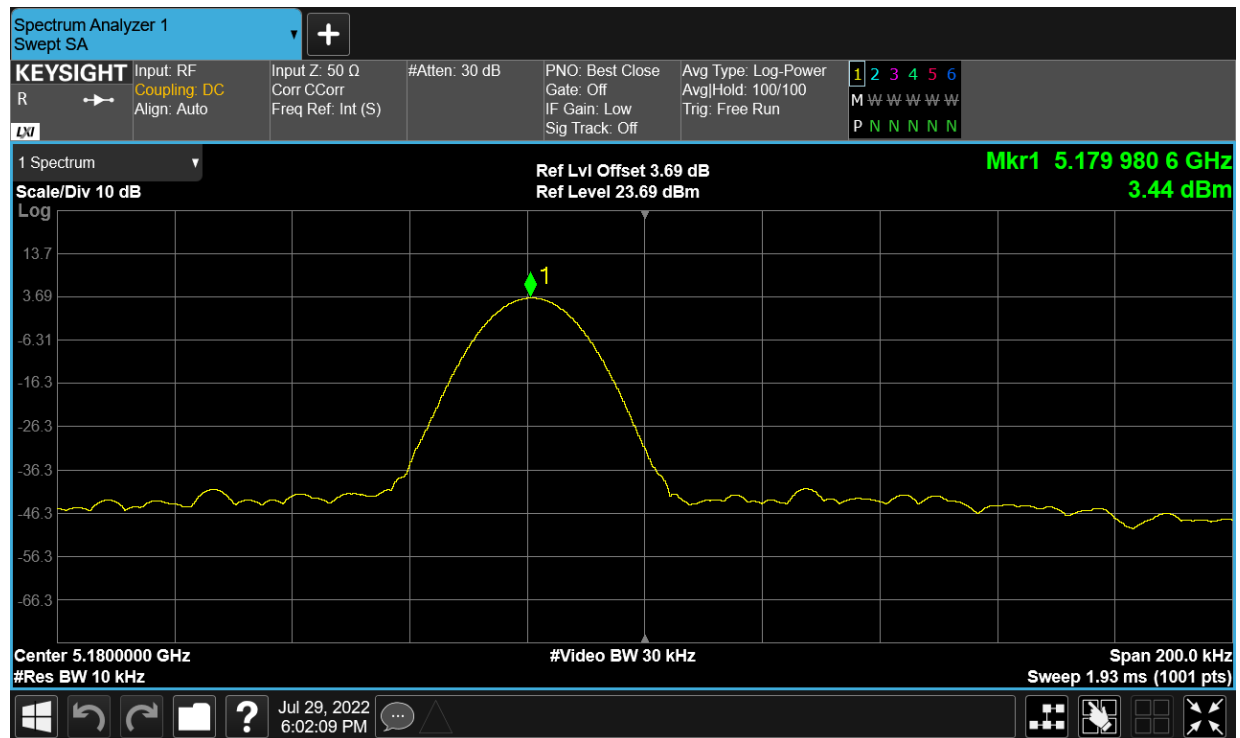
Test Data

Frequency Stability

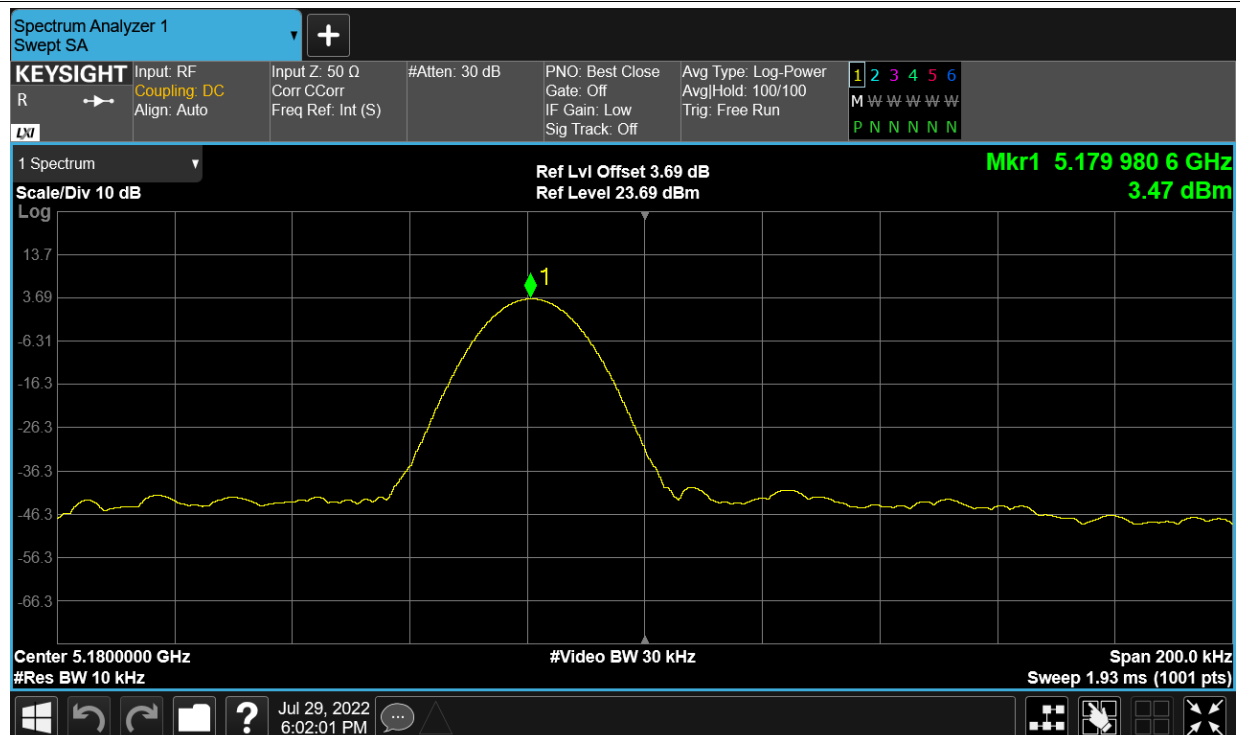
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9806	-3.75	25	Pass
LVNT	a	5180	Ant1	5179.9806	-3.75	25	Pass
NVHT	a	5180	Ant1	5179.9808	-3.71	25	Pass
NVLT	a	5180	Ant1	5179.9808	-3.71	25	Pass
NVNT	a	5180	Ant1	5179.981	-3.67	25	Pass
HVNT	ac80	5210	Ant1	5209.9806	-3.72	25	Pass
LVNT	ac80	5210	Ant1	5209.9804	-3.76	25	Pass
NVHT	ac80	5210	Ant1	5209.9806	-3.72	25	Pass
NVLT	ac80	5210	Ant1	5209.9806	-3.72	25	Pass
NVNT	ac80	5210	Ant1	5209.9806	-3.72	25	Pass
HVNT	n40	5190	Ant1	5189.9806	-3.74	25	Pass
LVNT	n40	5190	Ant1	5189.9814	-3.58	25	Pass
NVHT	n40	5190	Ant1	5189.9816	-3.55	25	Pass
NVLT	n40	5190	Ant1	5189.9818	-3.51	25	Pass
NVNT	n40	5190	Ant1	5189.982	-3.47	25	Pass

Test Graphs

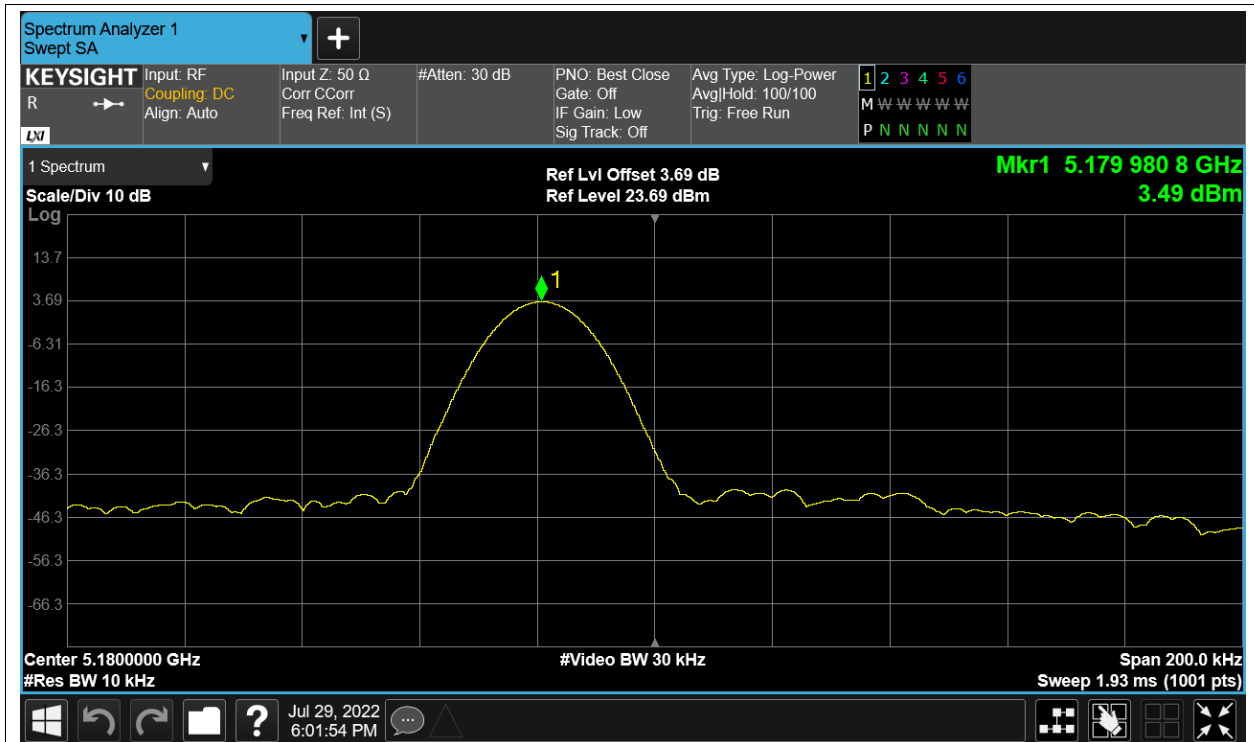
Freq. Stability HVNT a 5180MHz Ant1



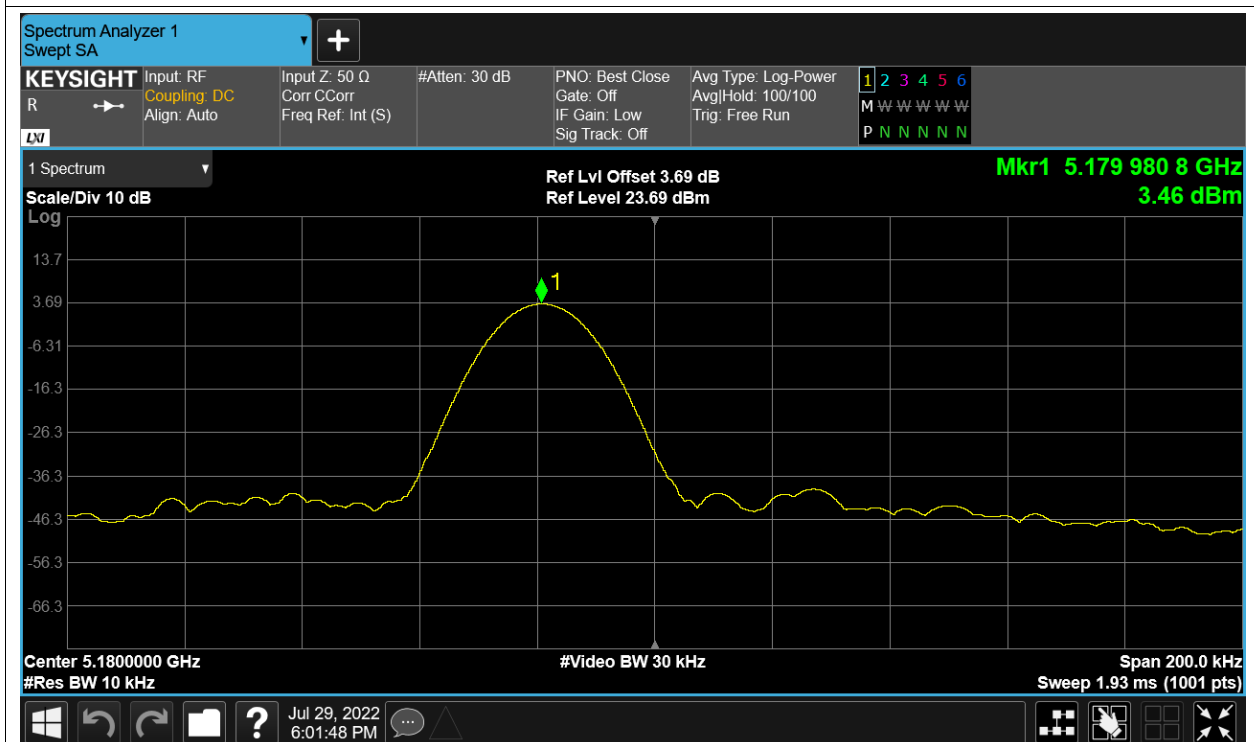
Freq. Stability LVNT a 5180MHz Ant1



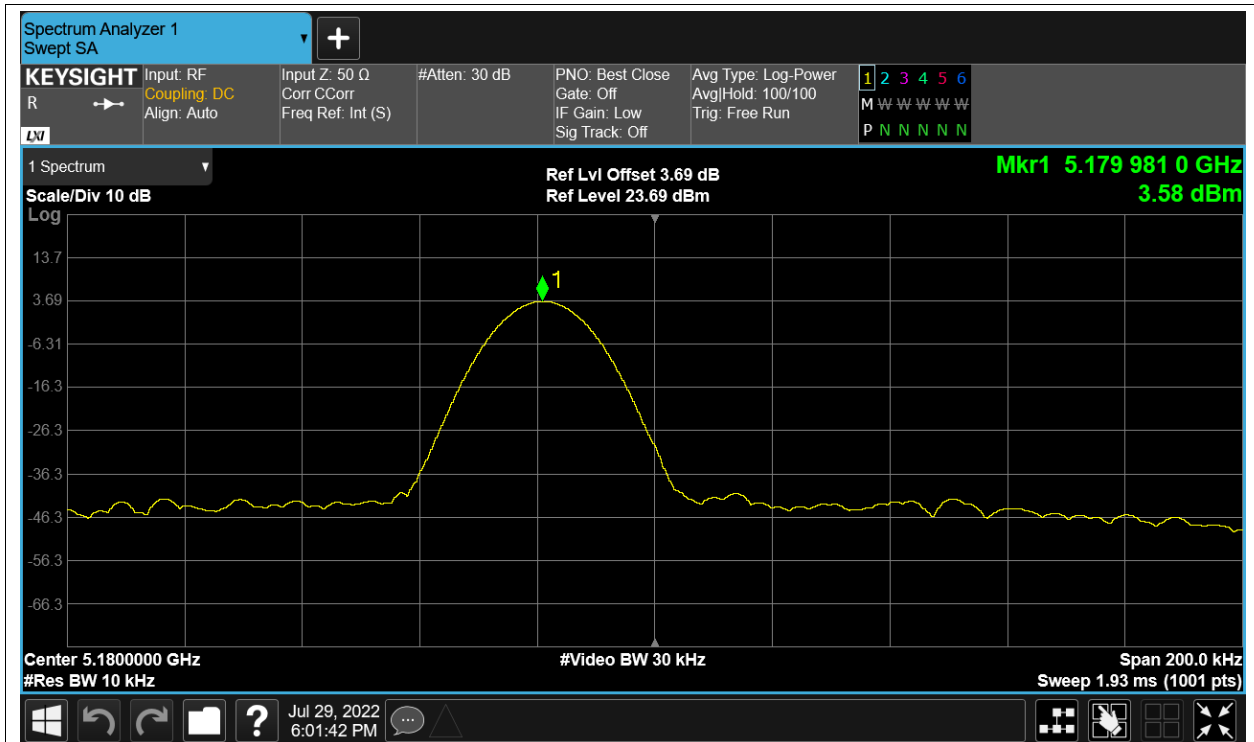
Freq. Stability NVHT a 5180MHz Ant1



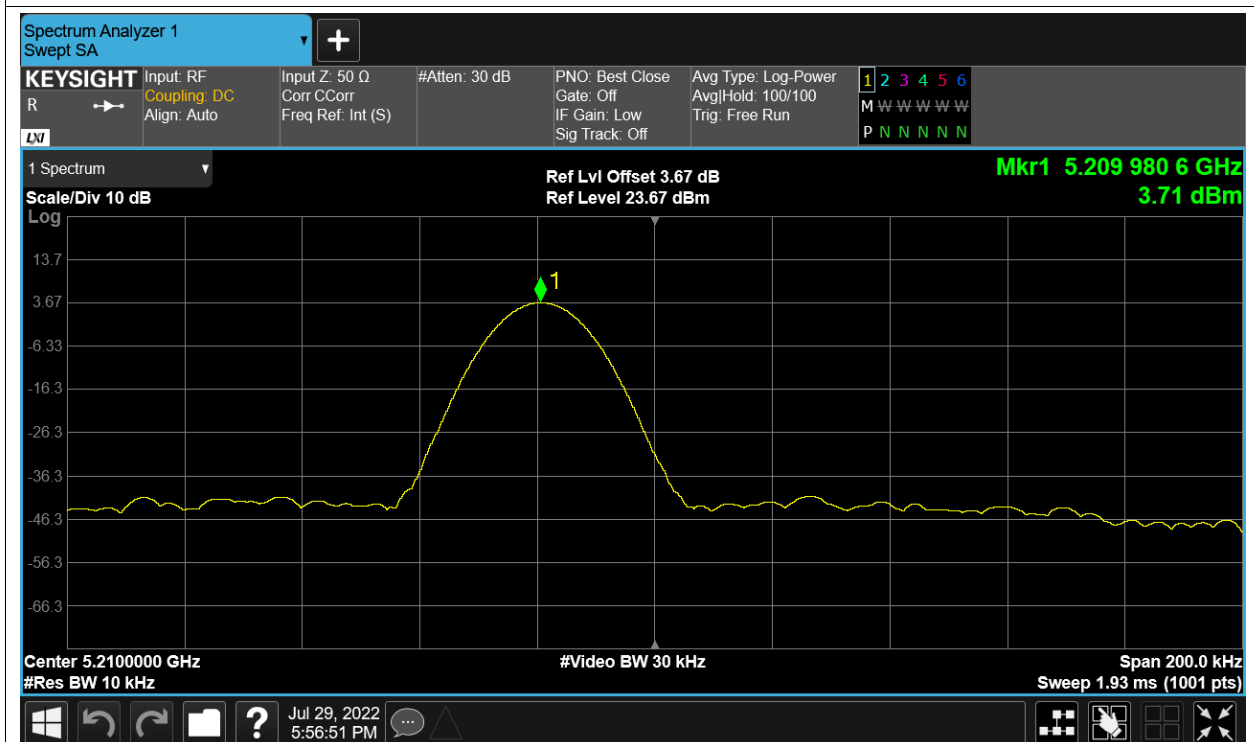
Freq. Stability NVLT a 5180MHz Ant1



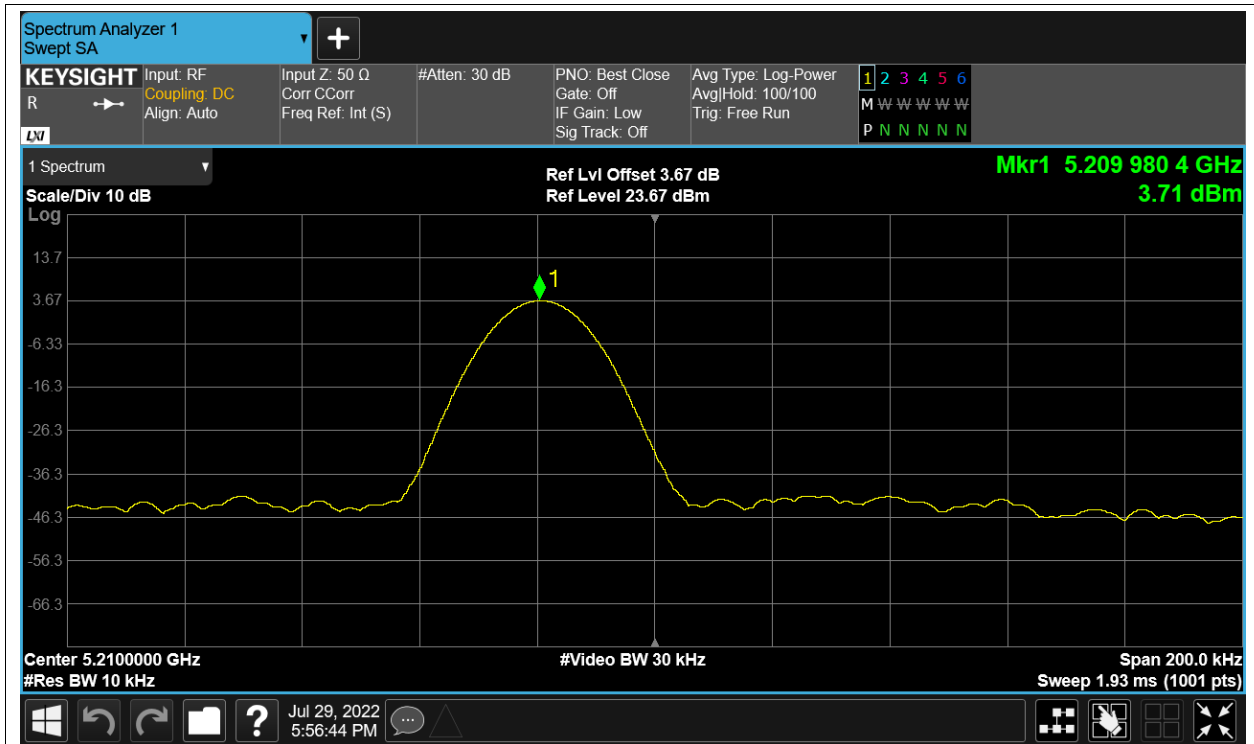
Freq. Stability NVNT a 5180MHz Ant1



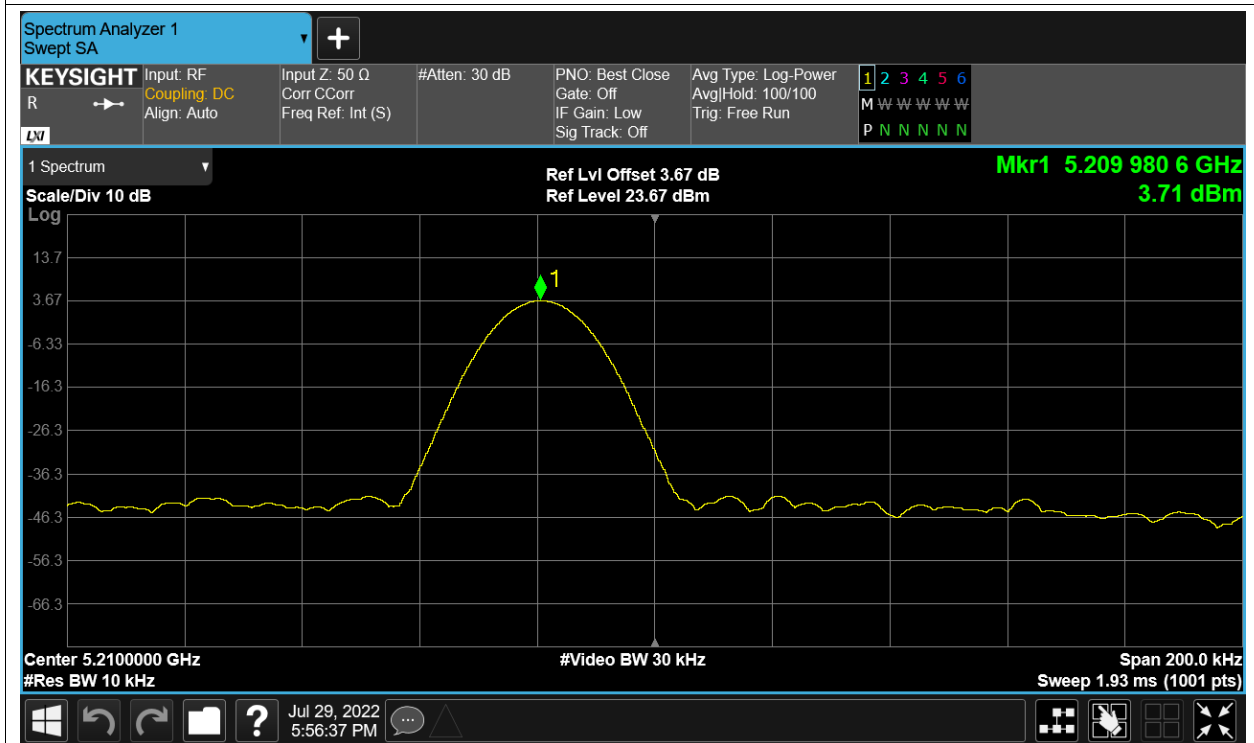
Freq. Stability HVNT ac80 5210MHz Ant1



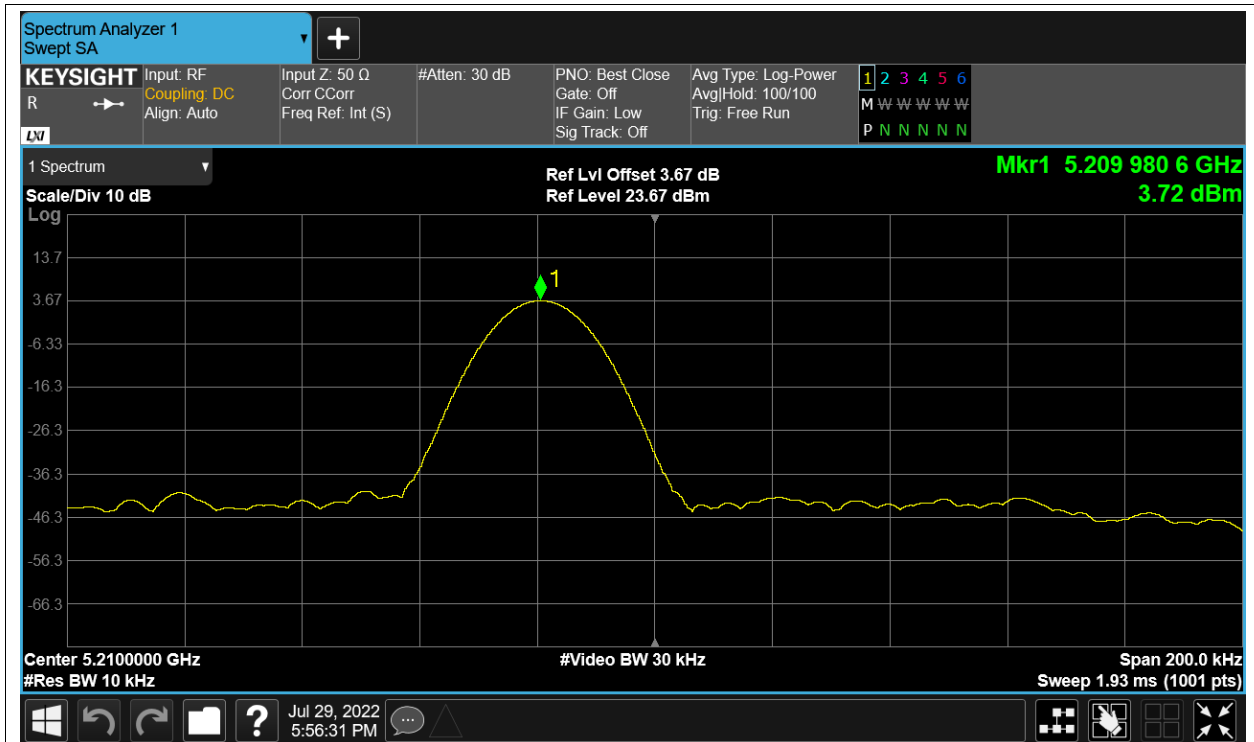
Freq. Stability LVNT ac80 5210MHz Ant1



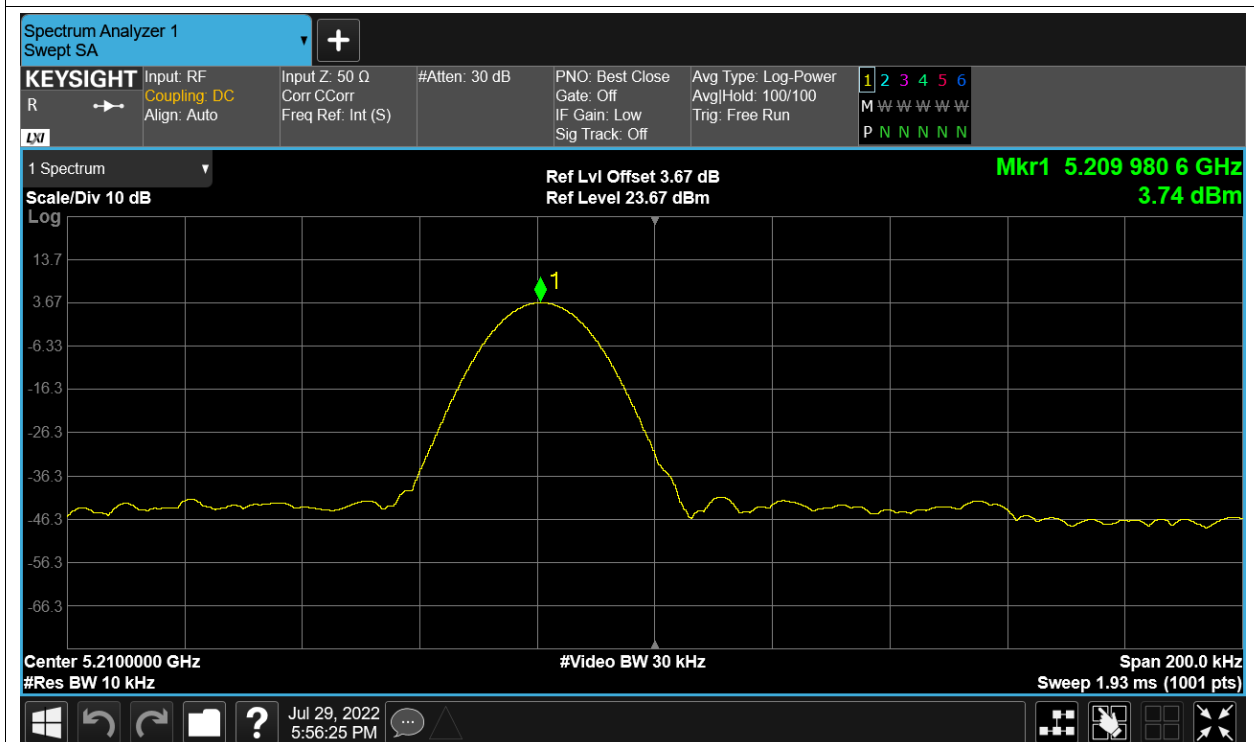
Freq. Stability NVHT ac80 5210MHz Ant1



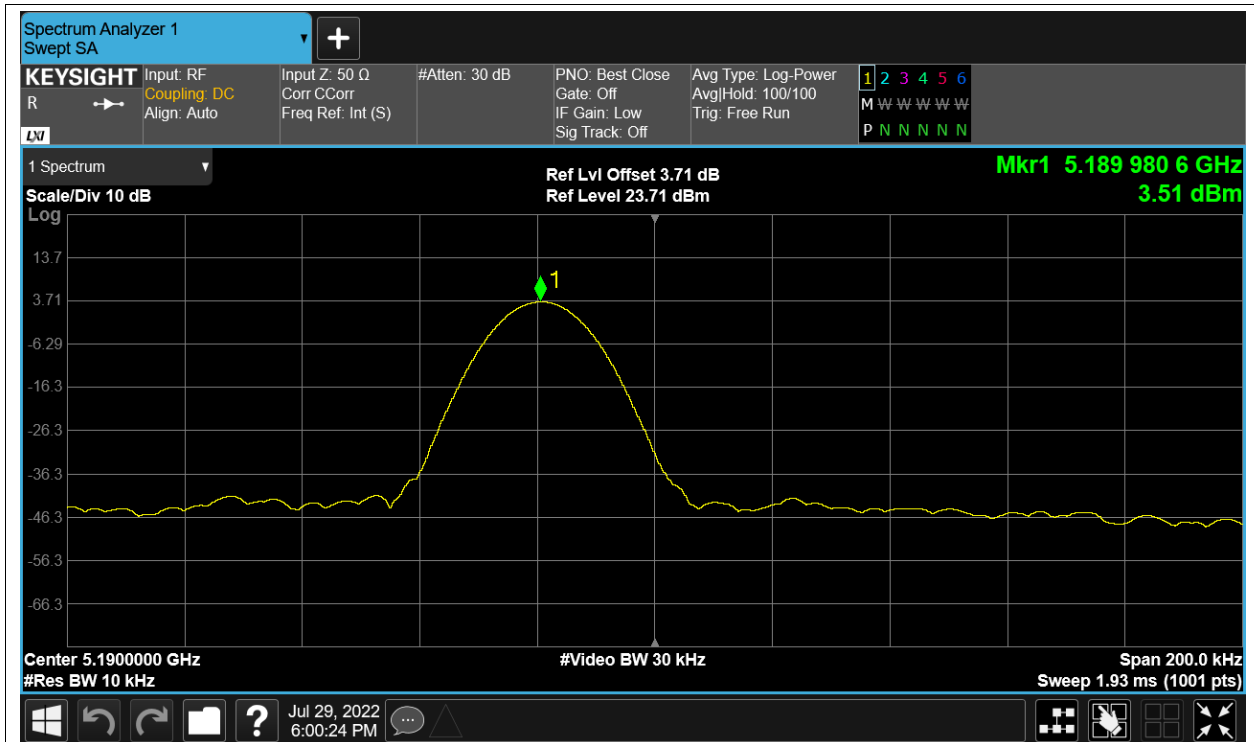
Freq. Stability NVLT ac80 5210MHz Ant1



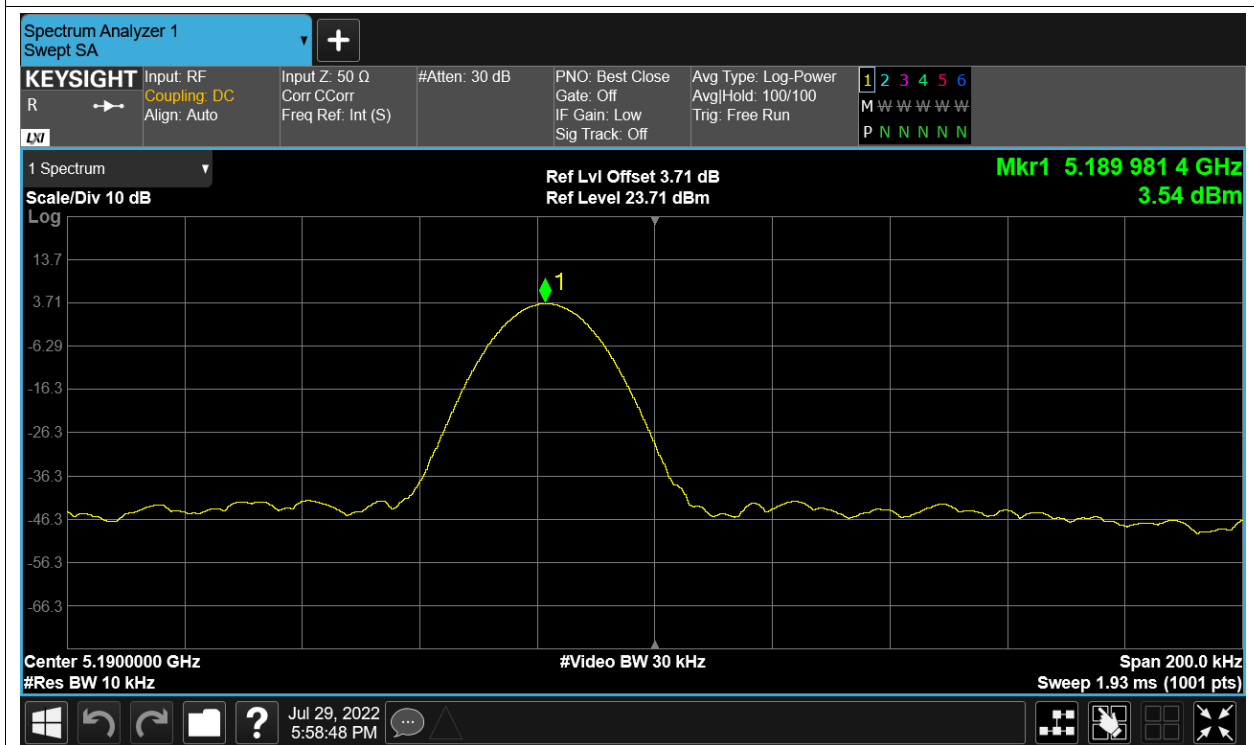
Freq. Stability NVNT ac80 5210MHz Ant1



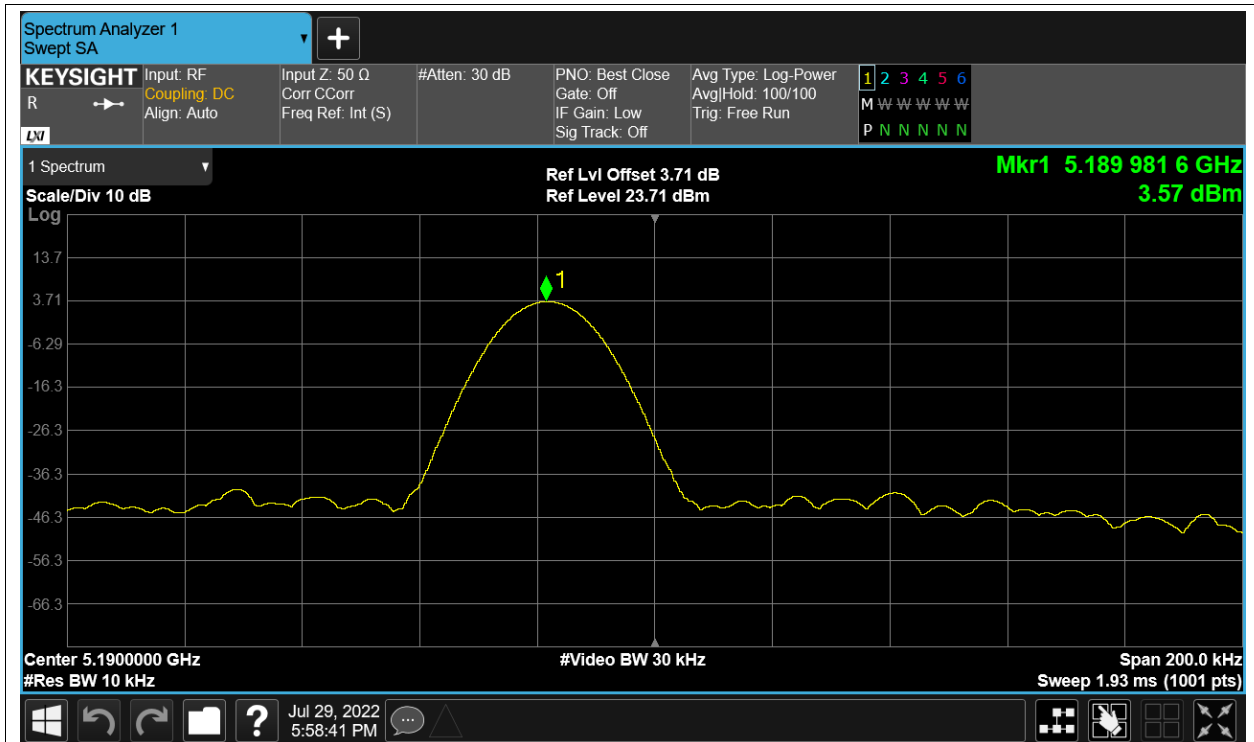
Freq. Stability HVNT n40 5190MHz Ant1



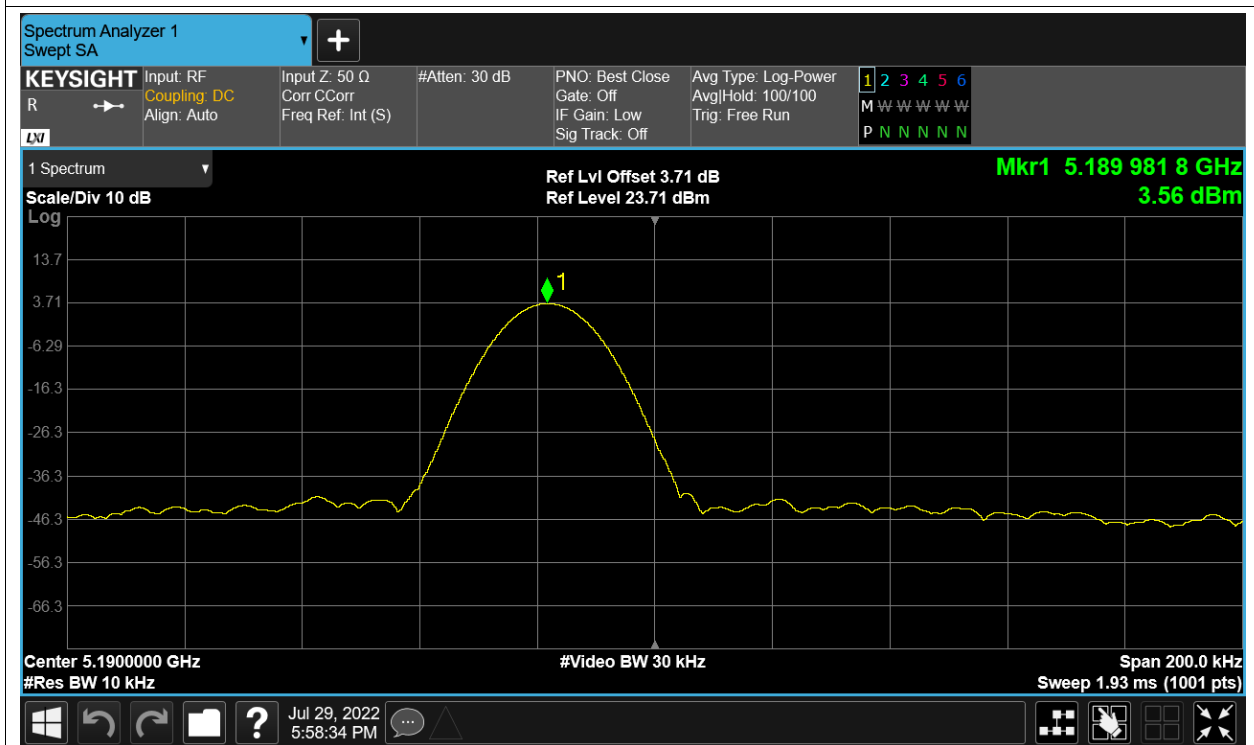
Freq. Stability LVNT n40 5190MHz Ant1



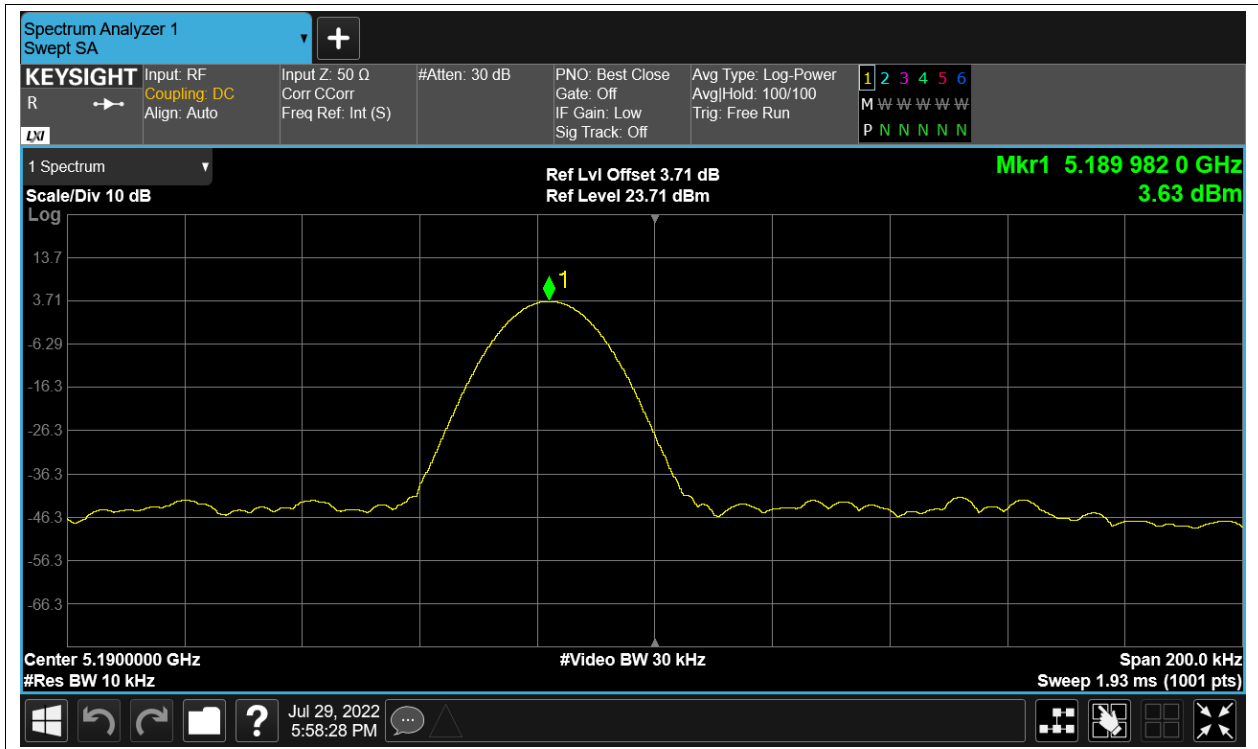
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

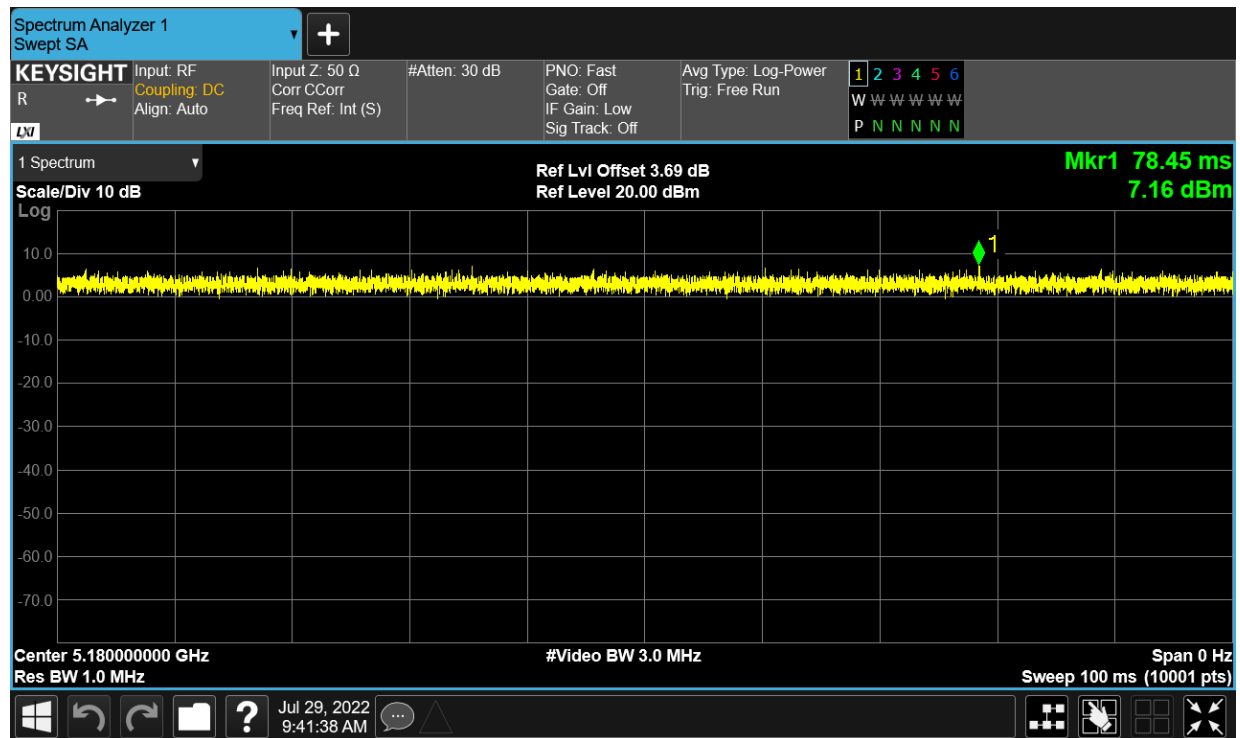


Duty Cycle

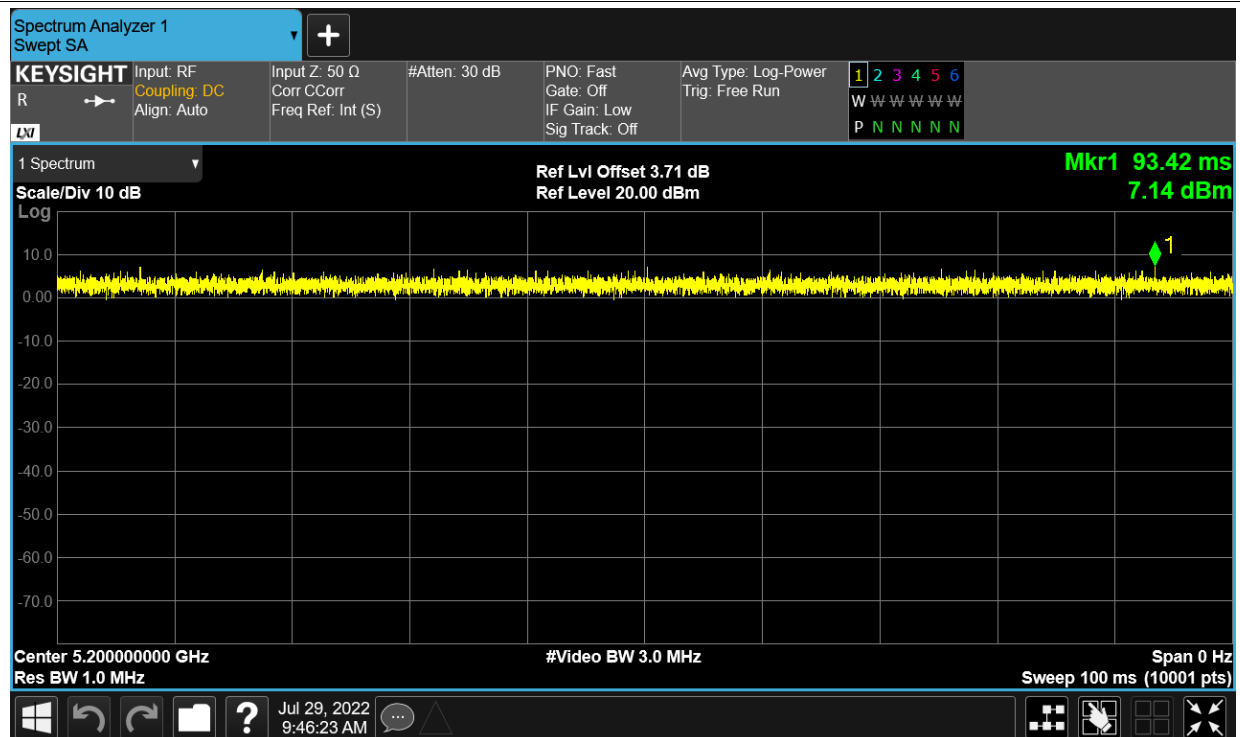
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0
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

Test Graphs

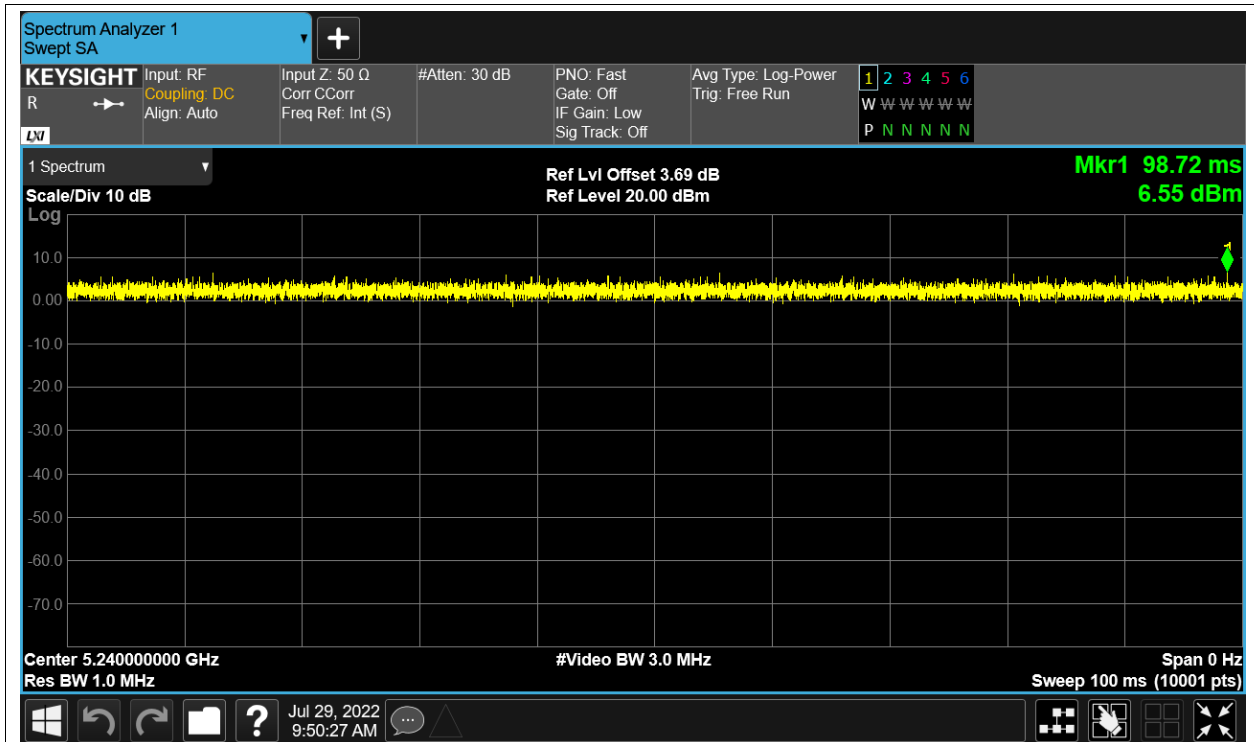
Duty Cycle NVNT a 5180MHz Ant1



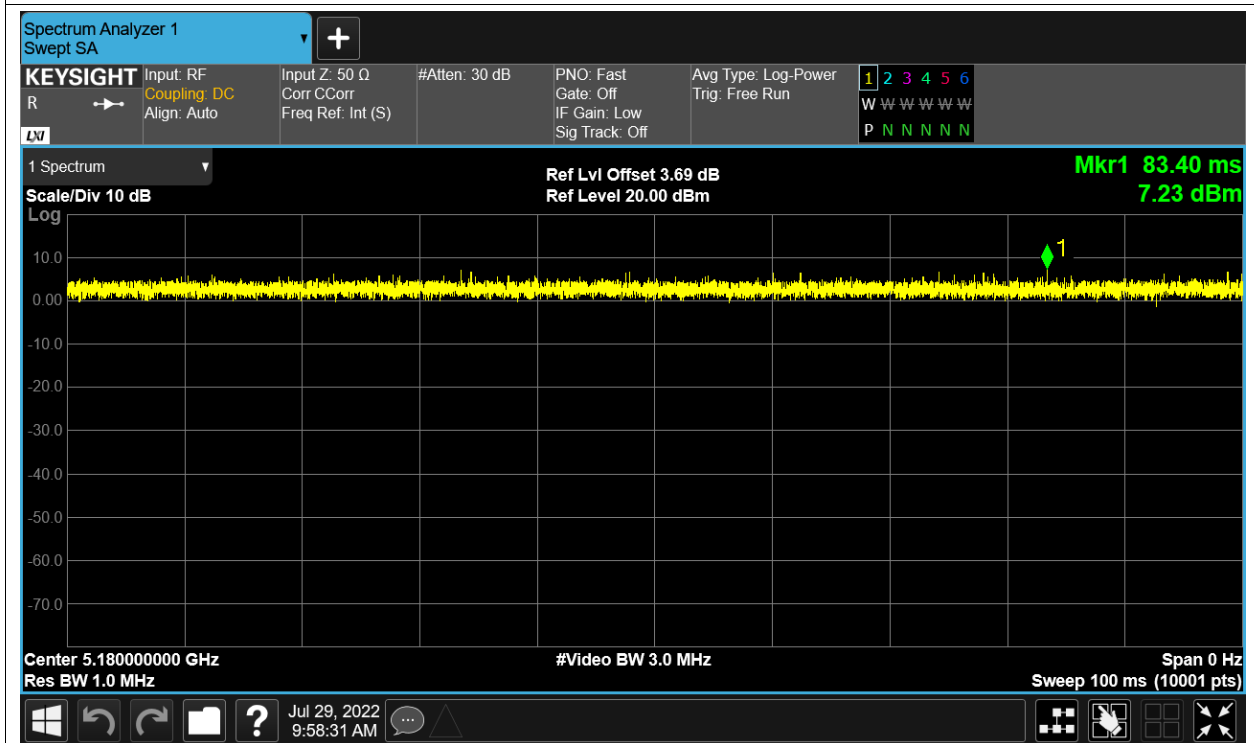
Duty Cycle NVNT a 5200MHz Ant1



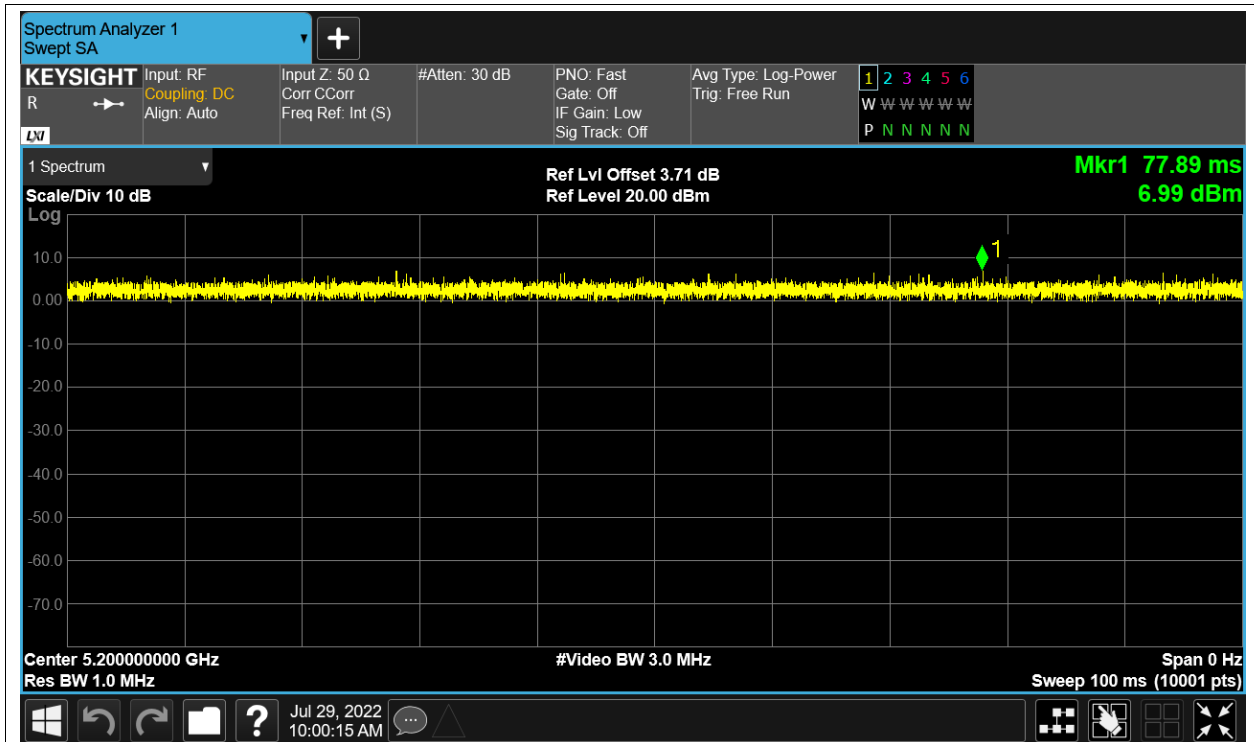
Duty Cycle NVNT a 5240MHz Ant1



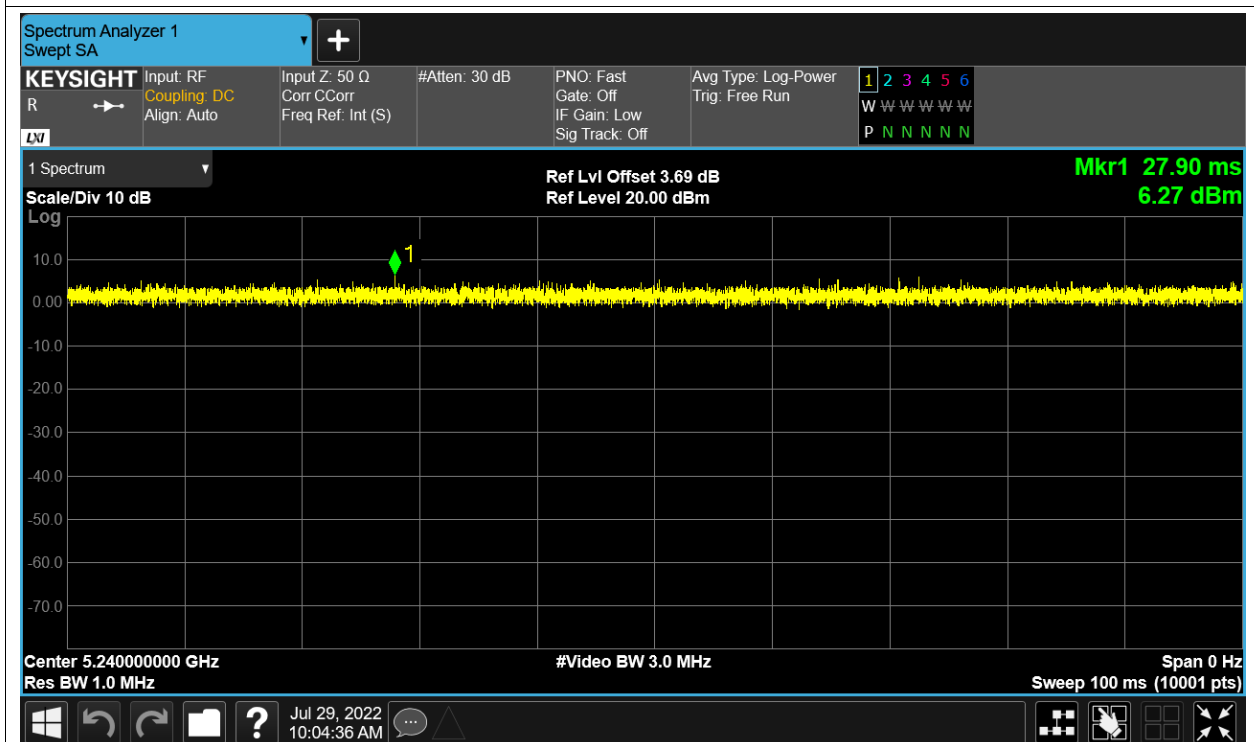
Duty Cycle NVNT ac20 5180MHz Ant1



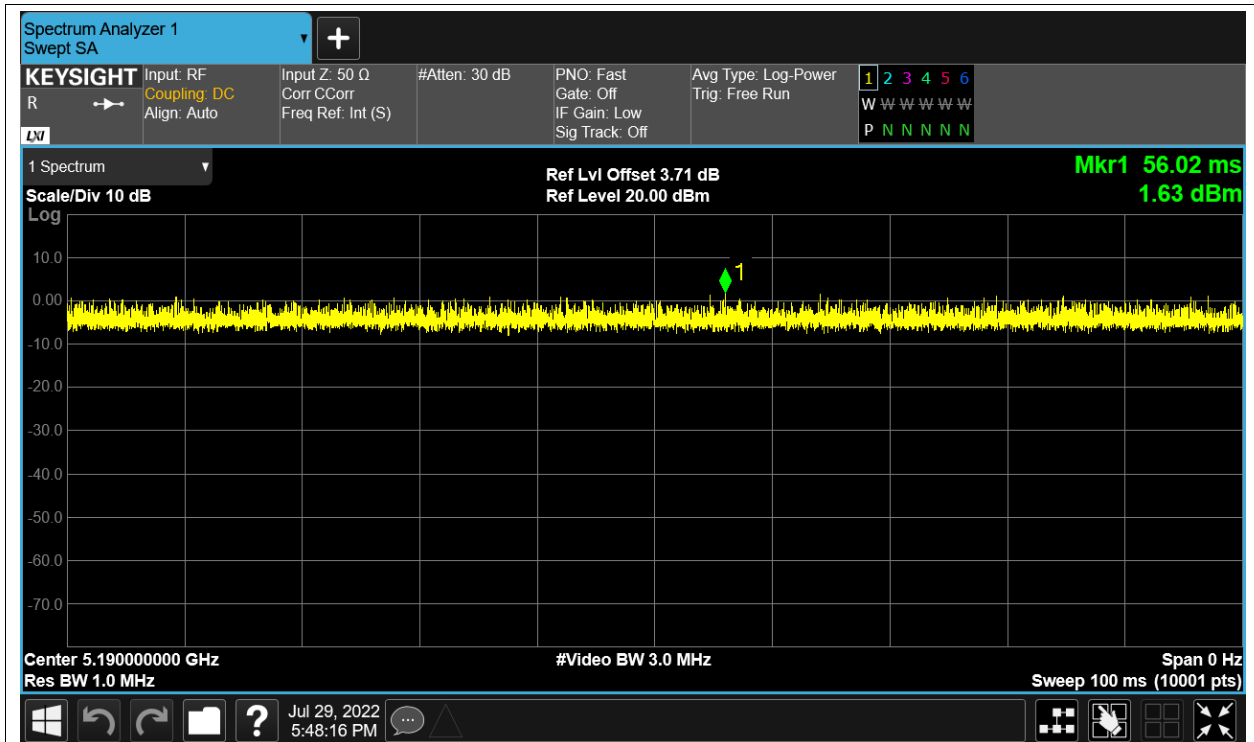
Duty Cycle NVNT ac20 5200MHz Ant1



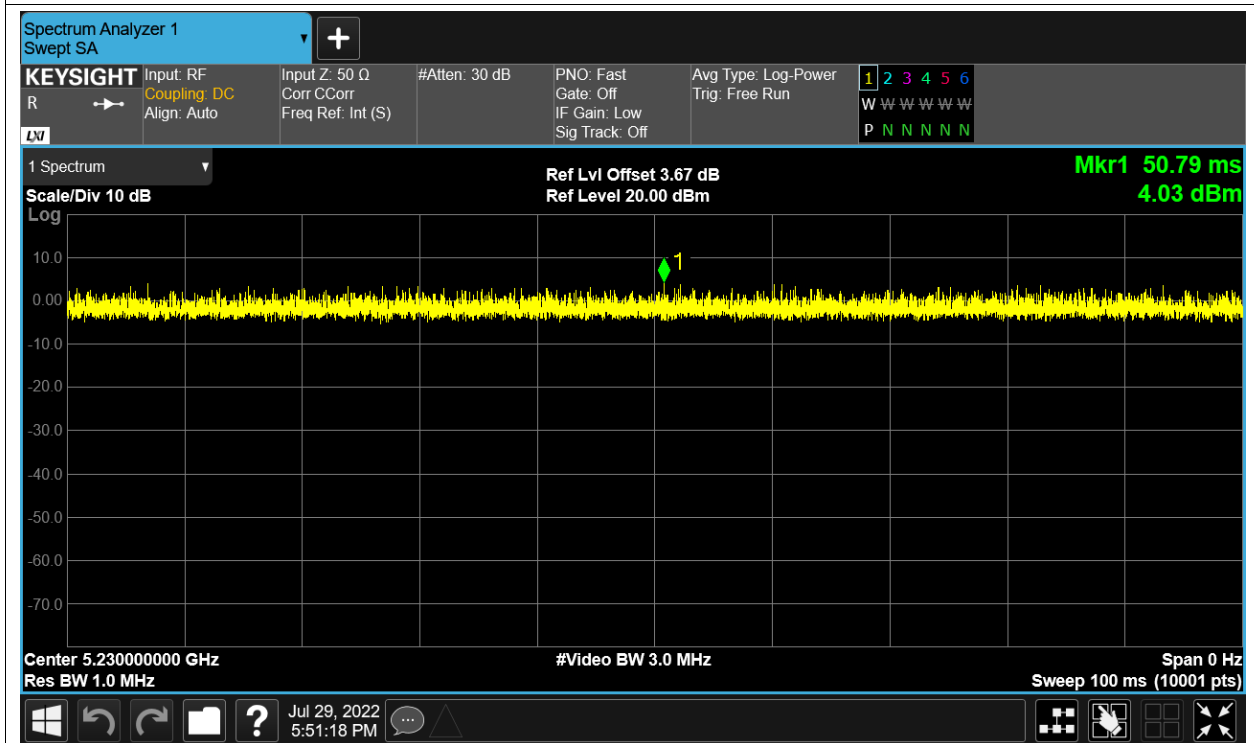
Duty Cycle NVNT ac20 5240MHz Ant1



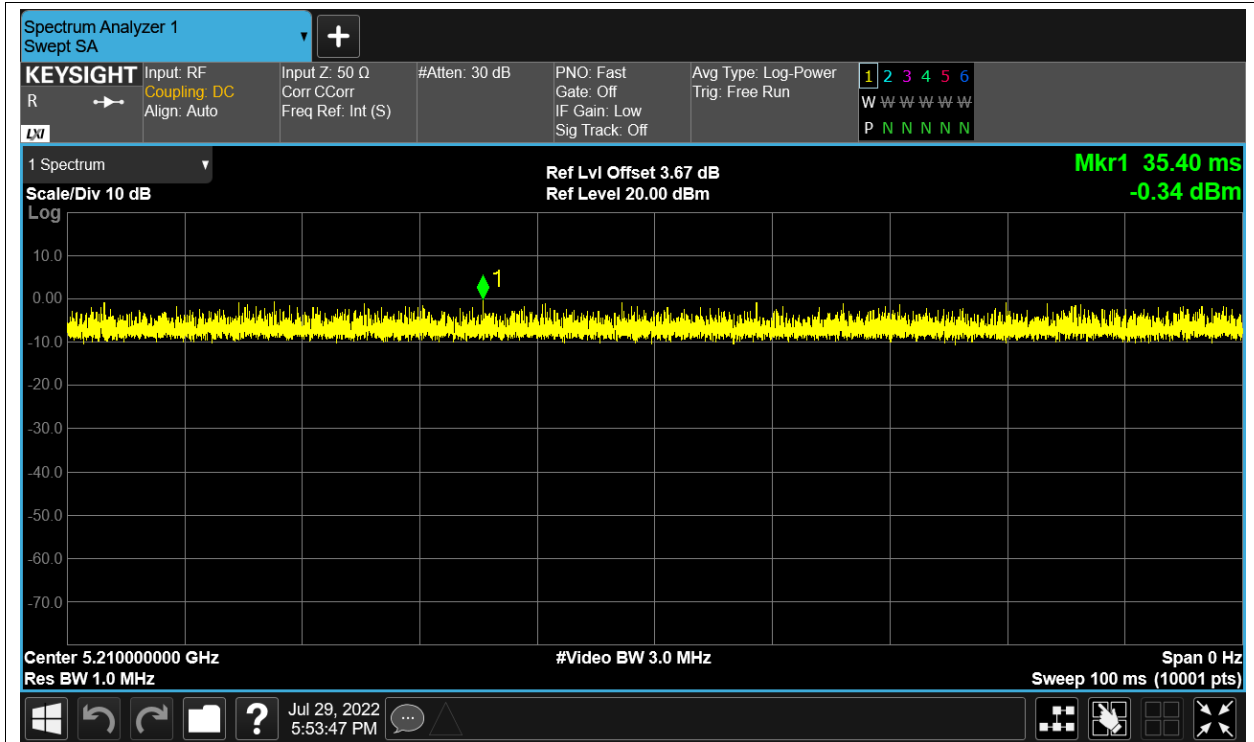
Duty Cycle NVNT ac40 5190MHz Ant1



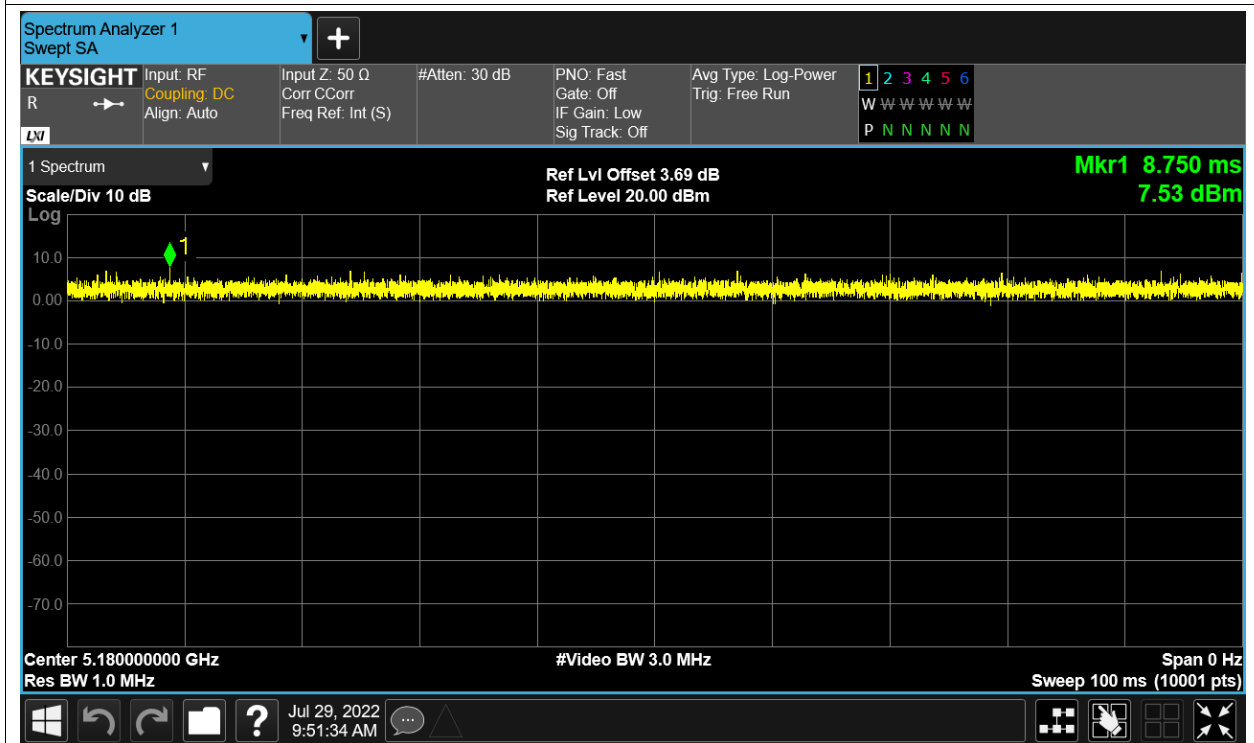
Duty Cycle NVNT ac40 5230MHz Ant1



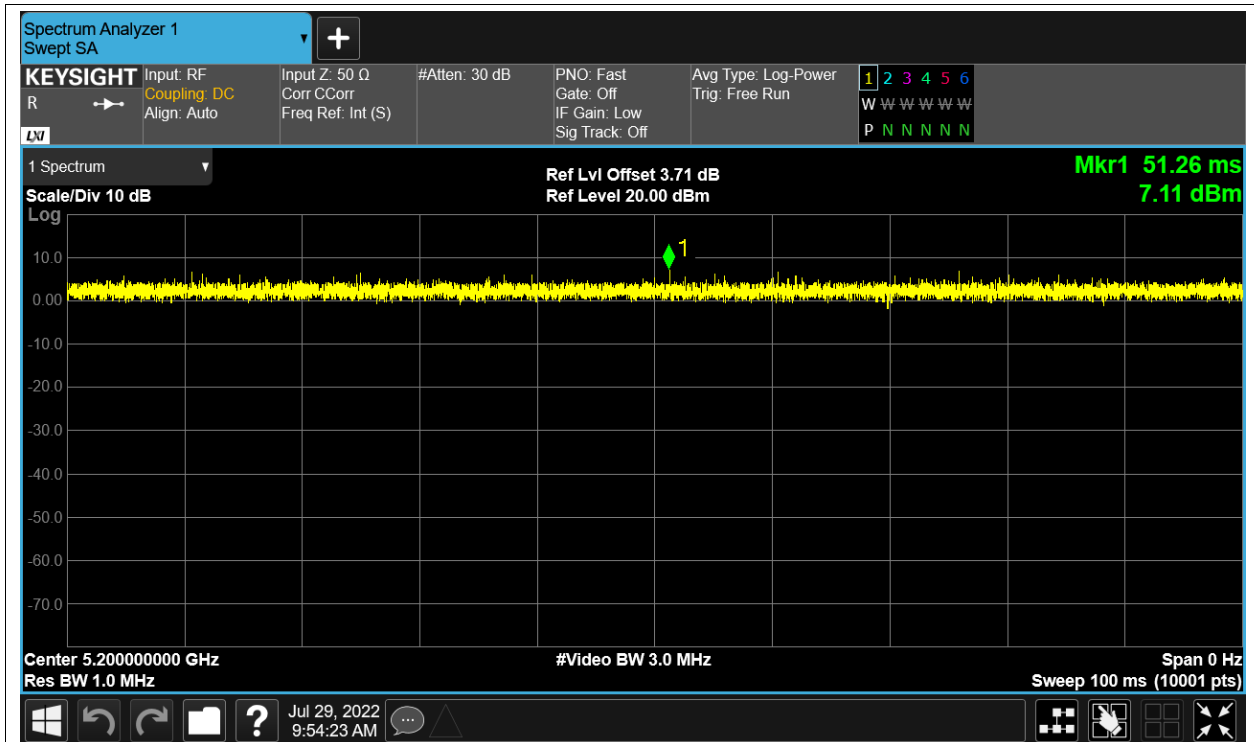
Duty Cycle NVNT ac80 5210MHz Ant1



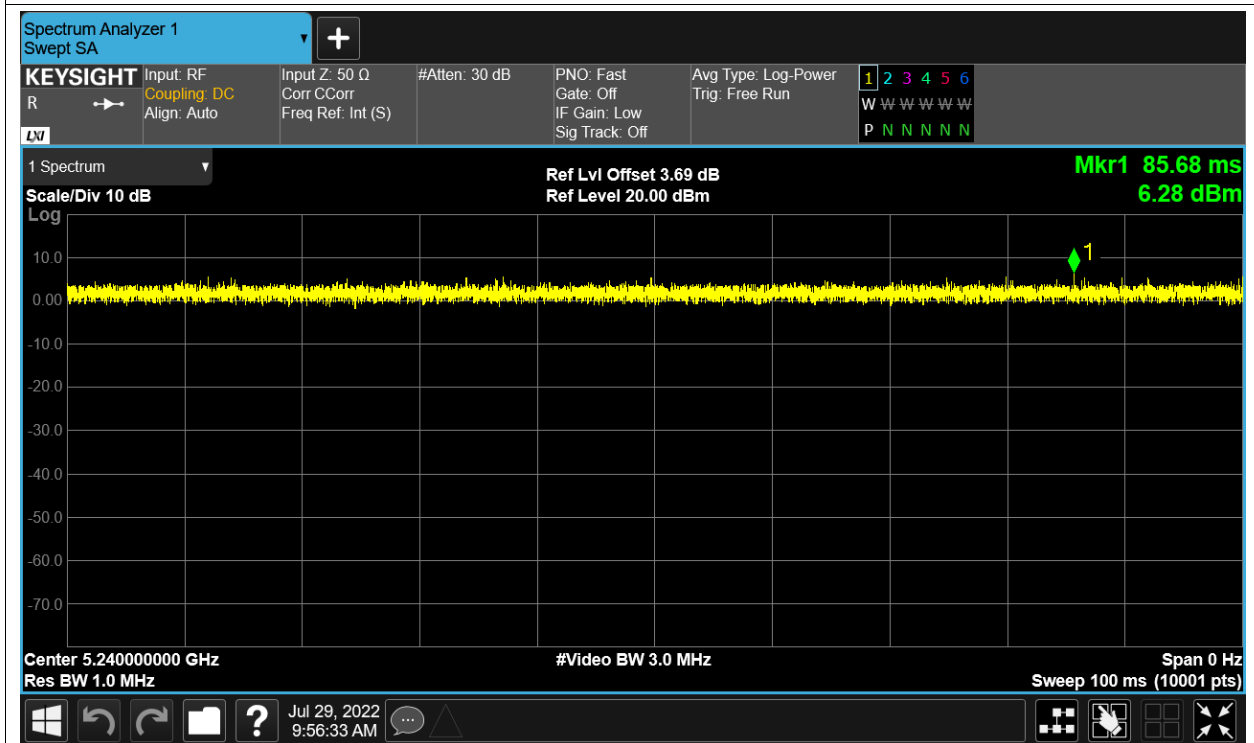
Duty Cycle NVNT n20 5180MHz Ant1



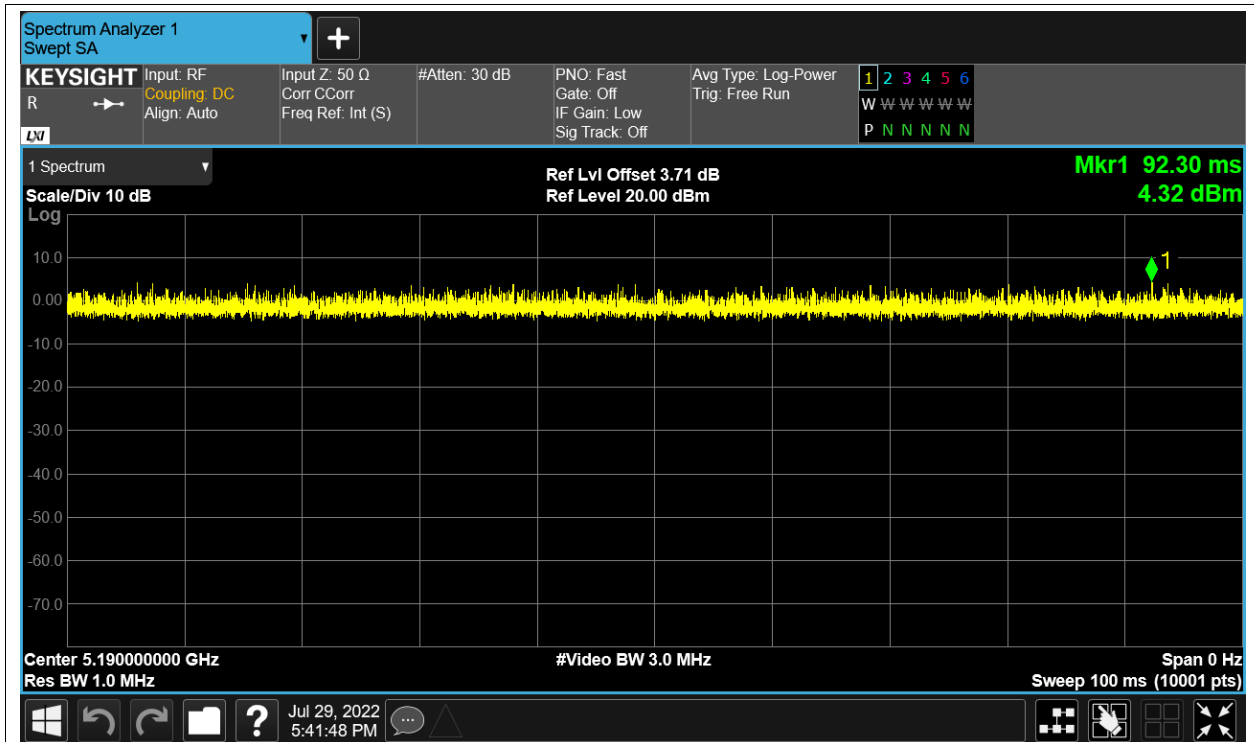
Duty Cycle NVNT n20 5200MHz Ant1



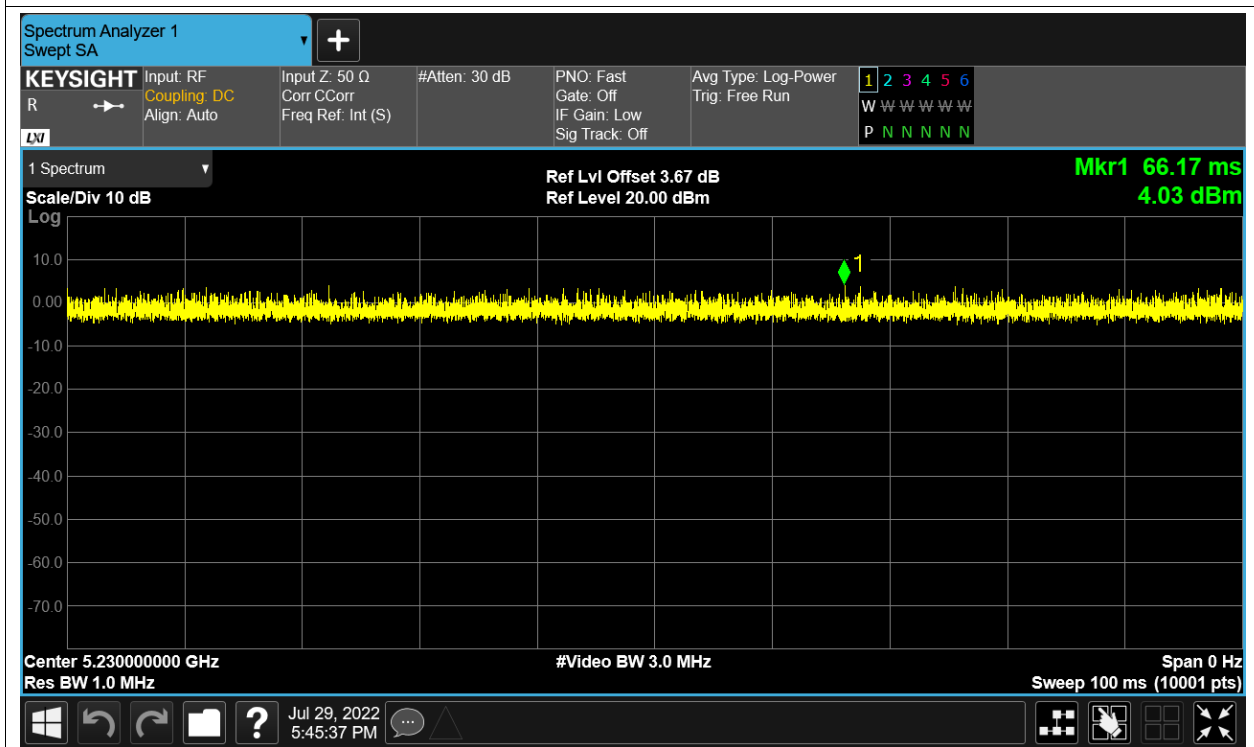
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

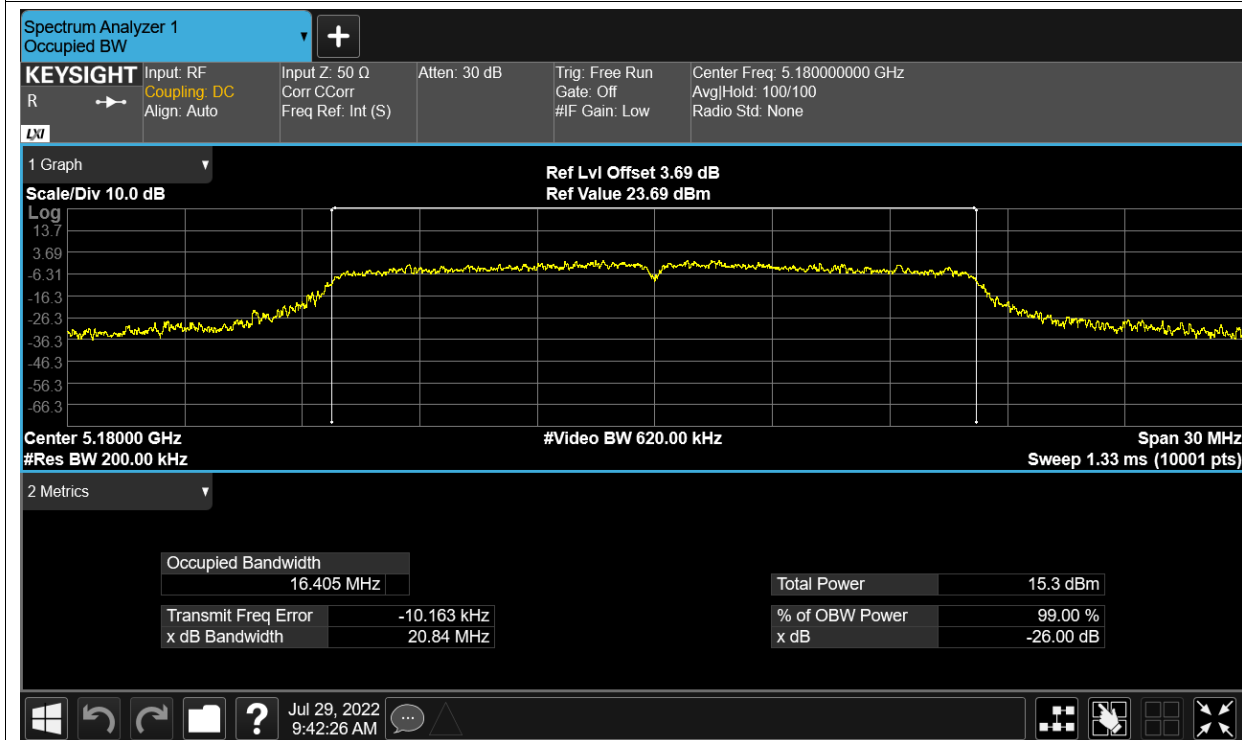
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.71	0	12.71	24	Pass
NVNT	a	5200	Ant1	12.28	0	12.28	24	Pass
NVNT	a	5240	Ant1	11.54	0	11.54	24	Pass
NVNT	ac20	5180	Ant1	12.2	0	12.2	24	Pass
NVNT	ac20	5200	Ant1	12.24	0	12.24	24	Pass
NVNT	ac20	5240	Ant1	11.94	0	11.94	24	Pass
NVNT	ac40	5190	Ant1	11.8	0	11.8	24	Pass
NVNT	ac40	5230	Ant1	12.1	0	12.1	24	Pass
NVNT	ac80	5210	Ant1	12.03	0	12.03	24	Pass
NVNT	n20	5180	Ant1	12.5	0	12.5	24	Pass
NVNT	n20	5200	Ant1	12.11	0	12.11	24	Pass
NVNT	n20	5240	Ant1	11.86	0	11.86	24	Pass
NVNT	n40	5190	Ant1	12.2	0	12.2	24	Pass
NVNT	n40	5230	Ant1	12.02	0	12.02	24	Pass

Occupied Channel Bandwidth

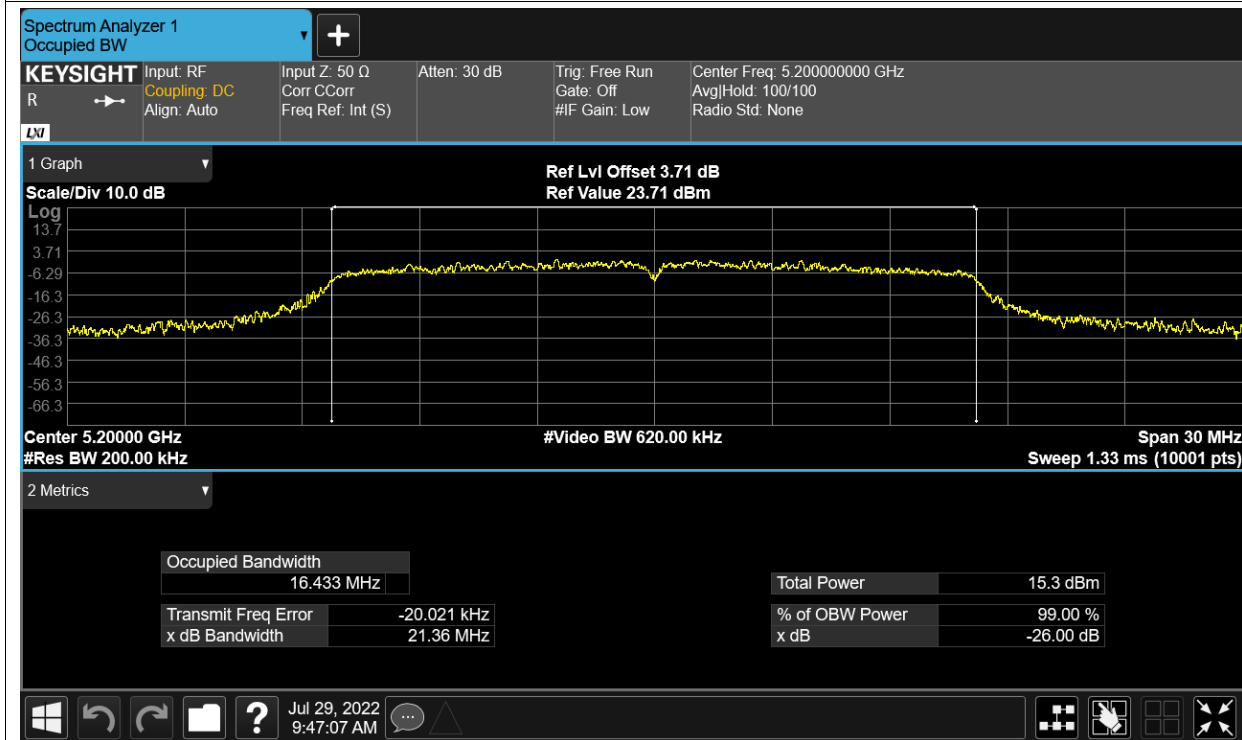
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.40543294
NVNT	a	5200	Ant1	16.43312005
NVNT	a	5240	Ant1	16.47916643
NVNT	ac20	5180	Ant1	17.53061119
NVNT	ac20	5200	Ant1	17.58430409
NVNT	ac20	5240	Ant1	17.59412098
NVNT	ac40	5190	Ant1	36.28231831
NVNT	ac40	5230	Ant1	36.28188289
NVNT	ac80	5210	Ant1	76.24908934
NVNT	n20	5180	Ant1	17.54573654
NVNT	n20	5200	Ant1	17.56321817
NVNT	n20	5240	Ant1	17.58749056
NVNT	n40	5190	Ant1	36.44111499
NVNT	n40	5230	Ant1	36.32969801

Test Graphs

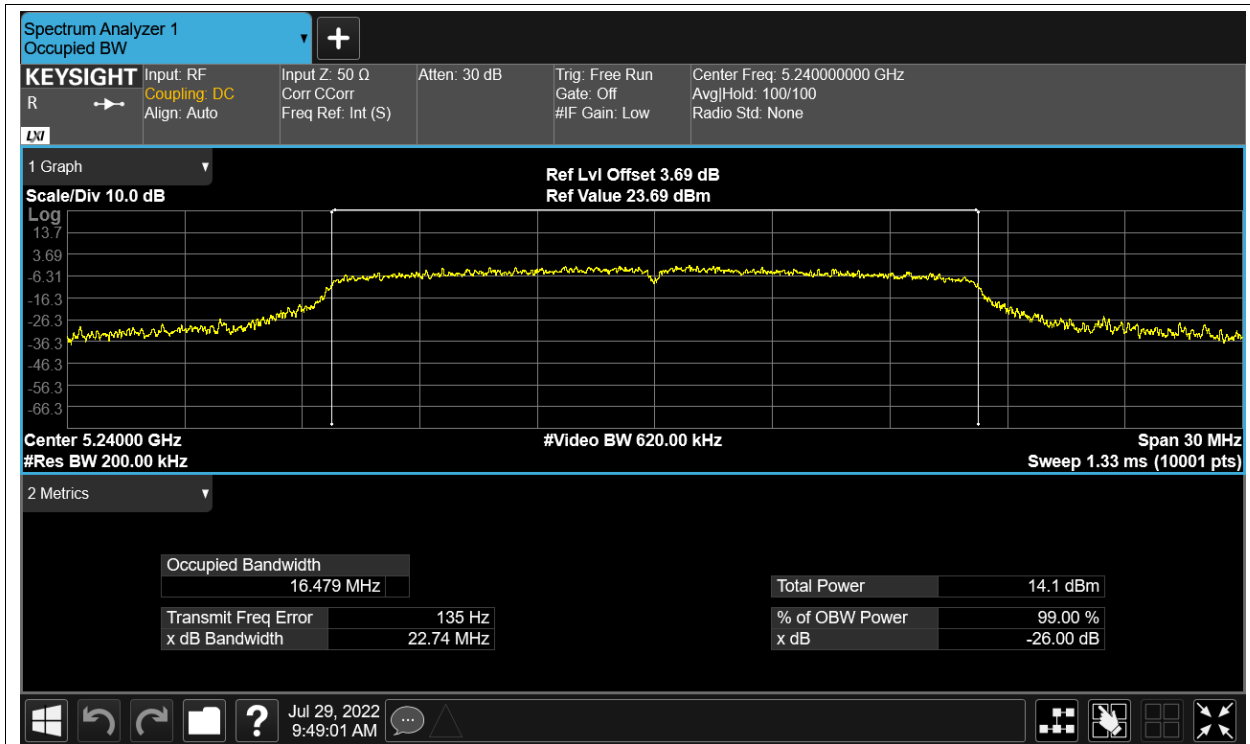
OBW NVNT a 5180MHz Ant1



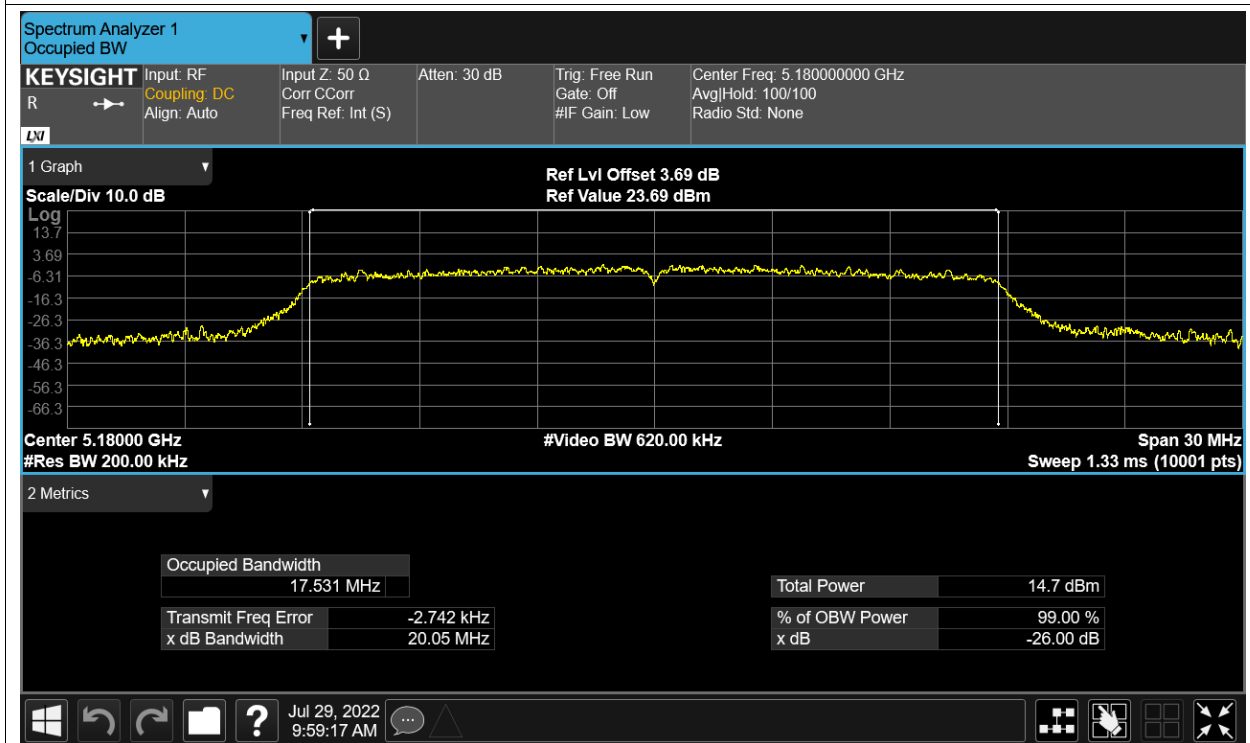
OBW NVNT a 5200MHz Ant1



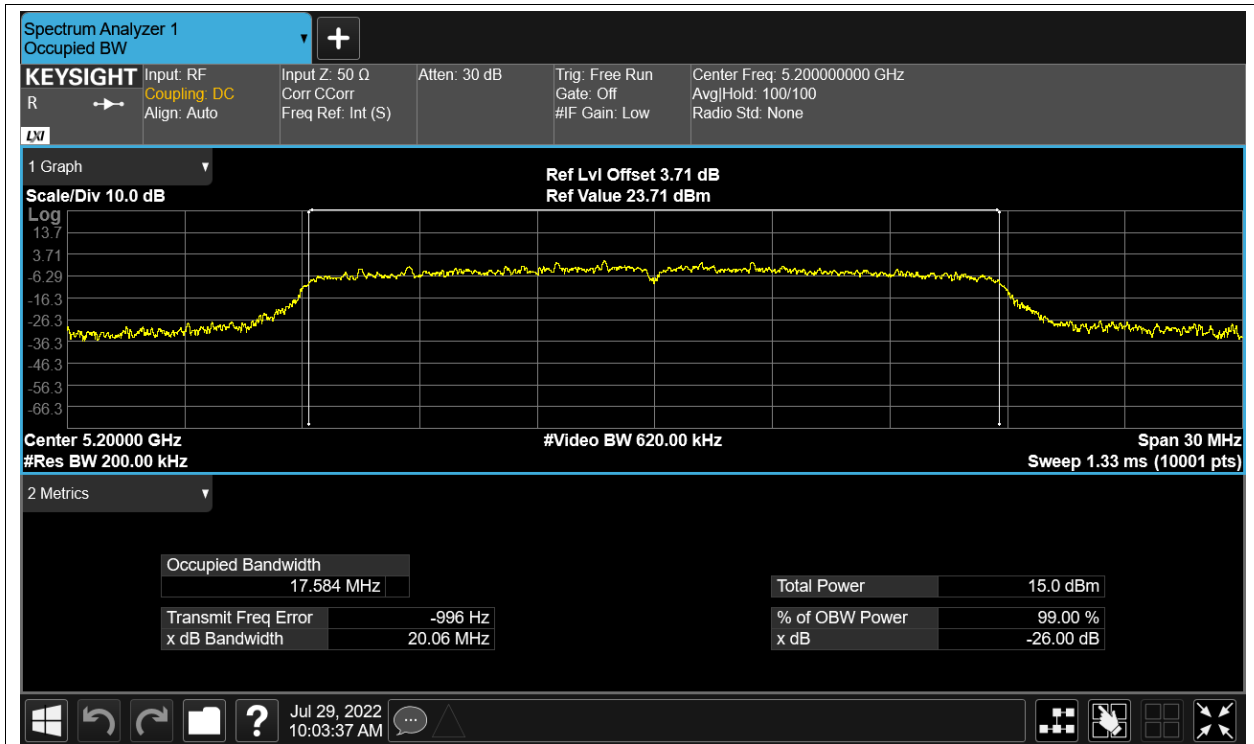
OBW NVNT a 5240MHz Ant1



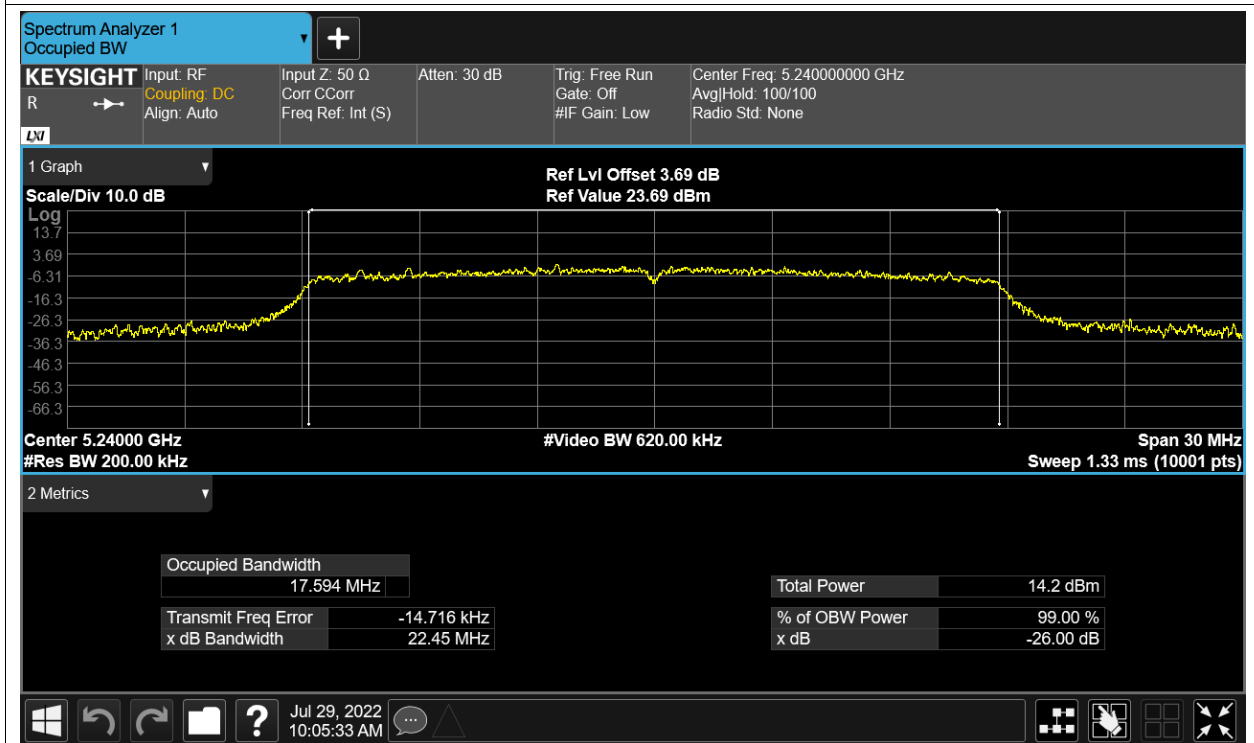
OBW NVNT ac20 5180MHz Ant1



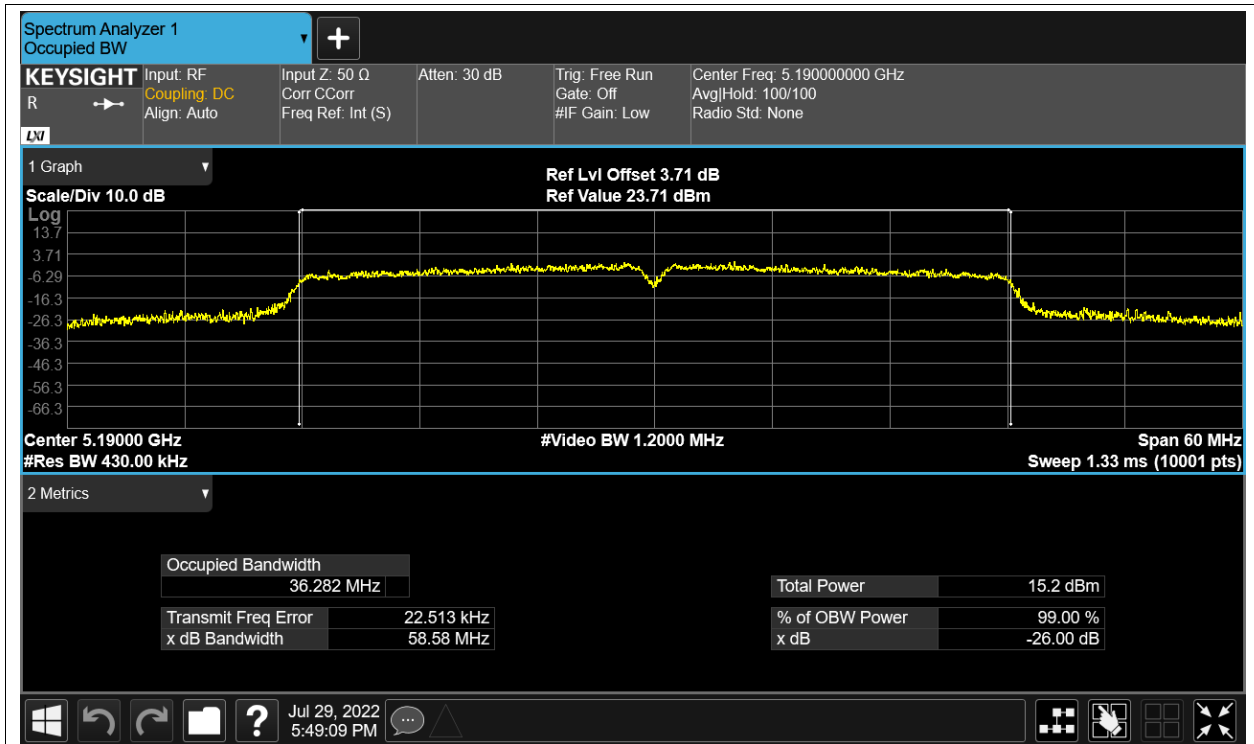
OBW NVNT ac20 5200MHz Ant1



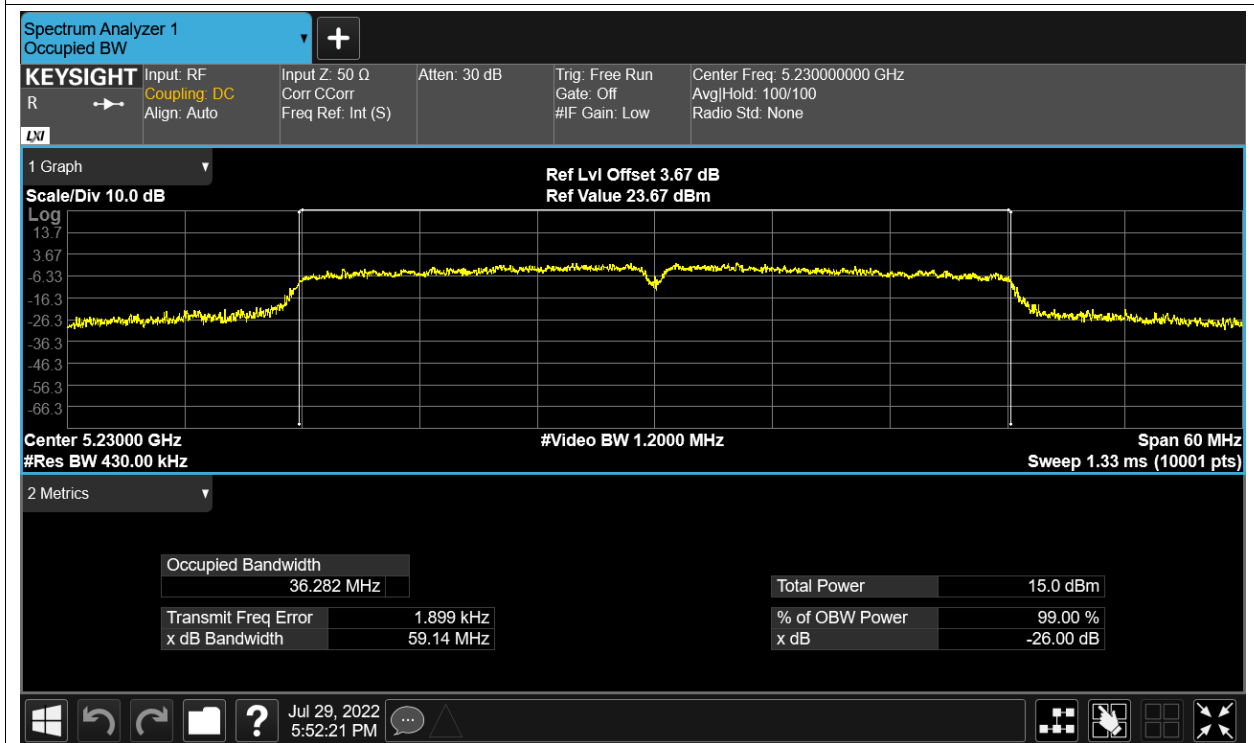
OBW NVNT ac20 5240MHz Ant1



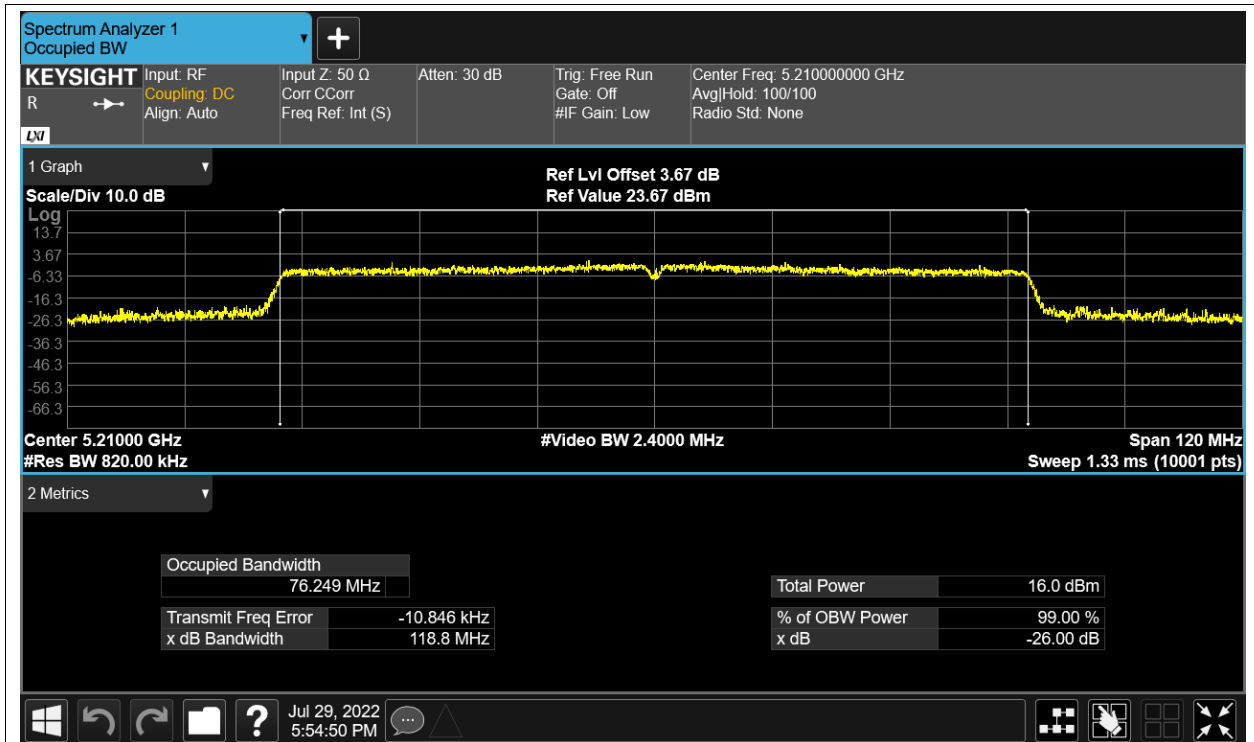
OBW NVNT ac40 5190MHz Ant1



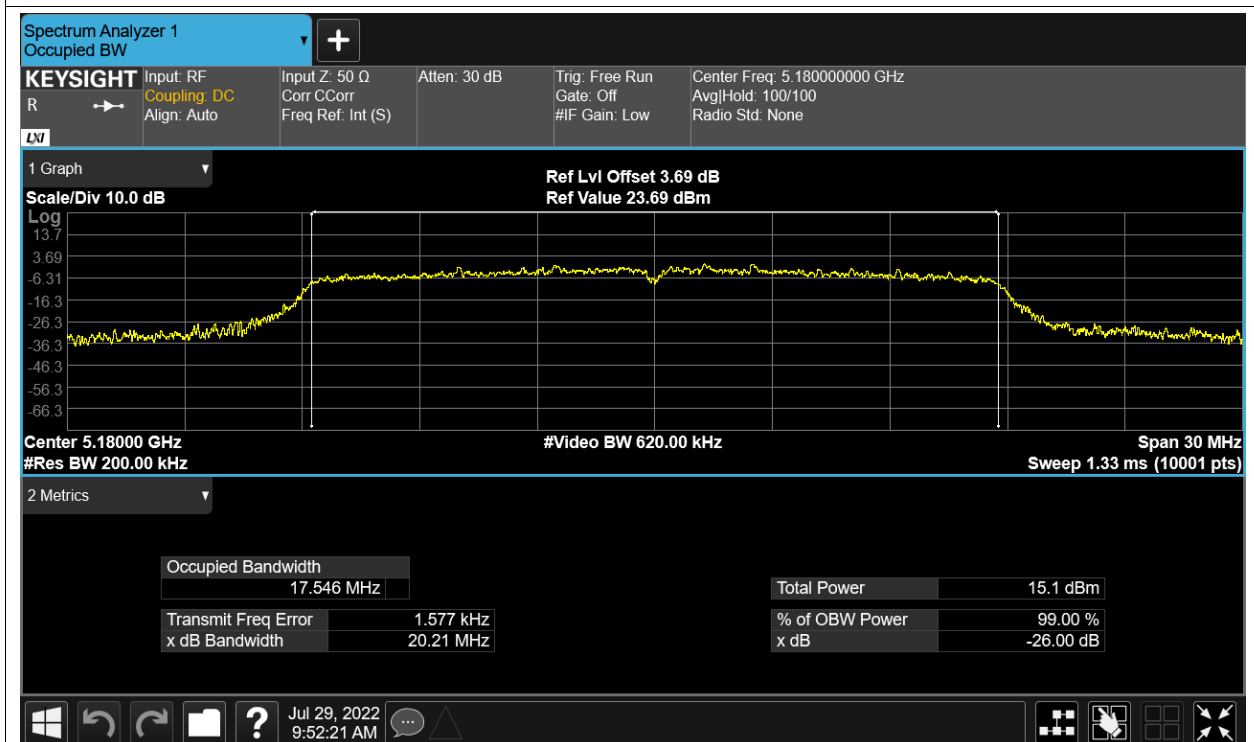
OBW NVNT ac40 5230MHz Ant1



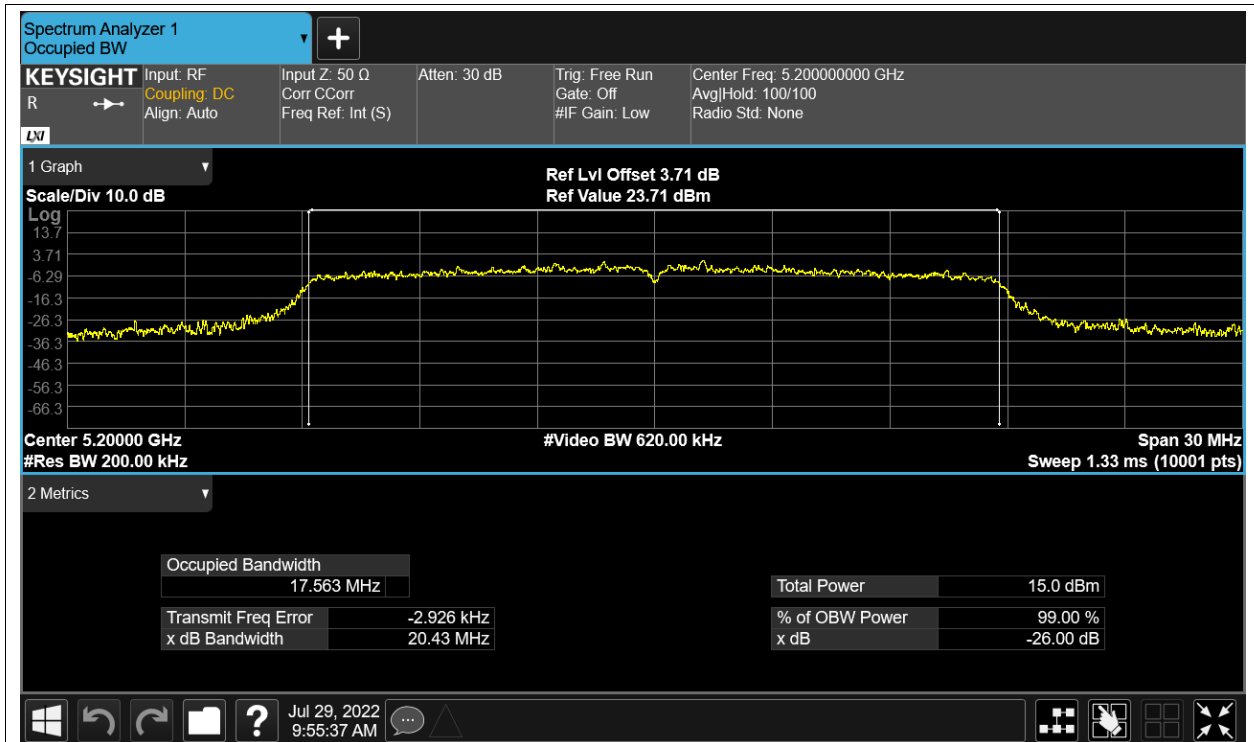
OBW NVNT ac80 5210MHz Ant1



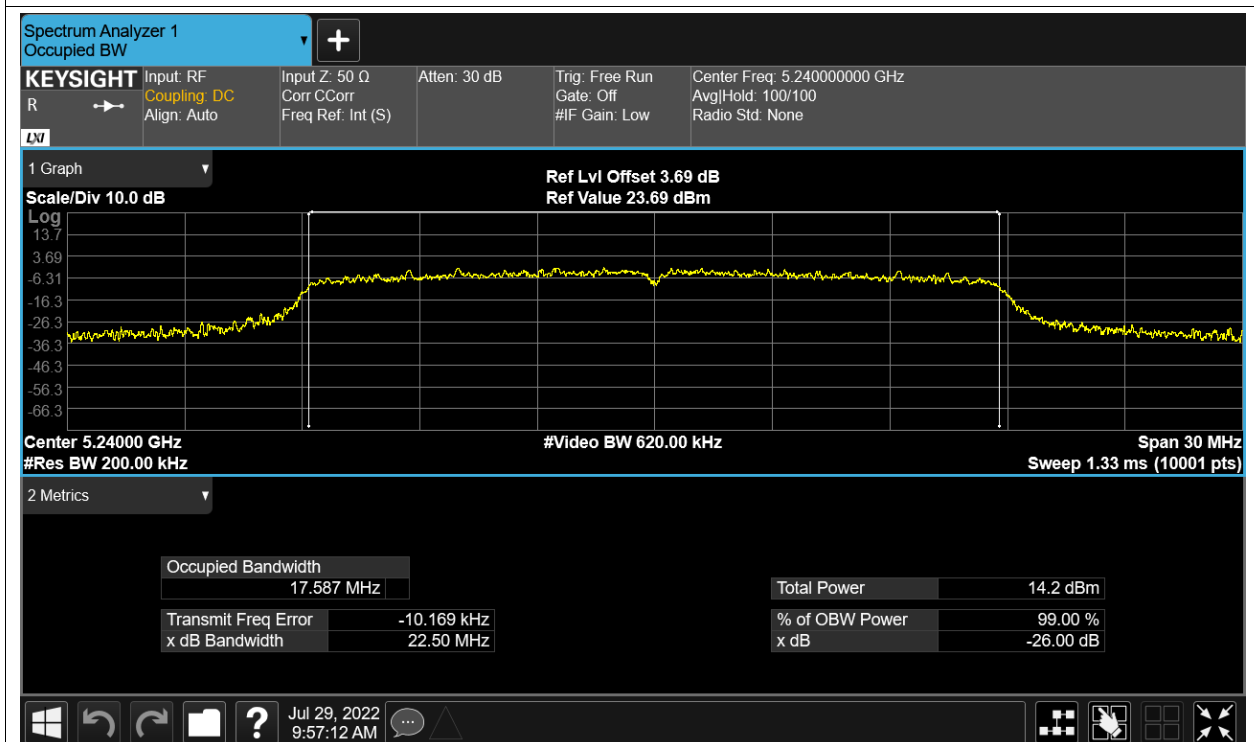
OBW NVNT n20 5180MHz Ant1



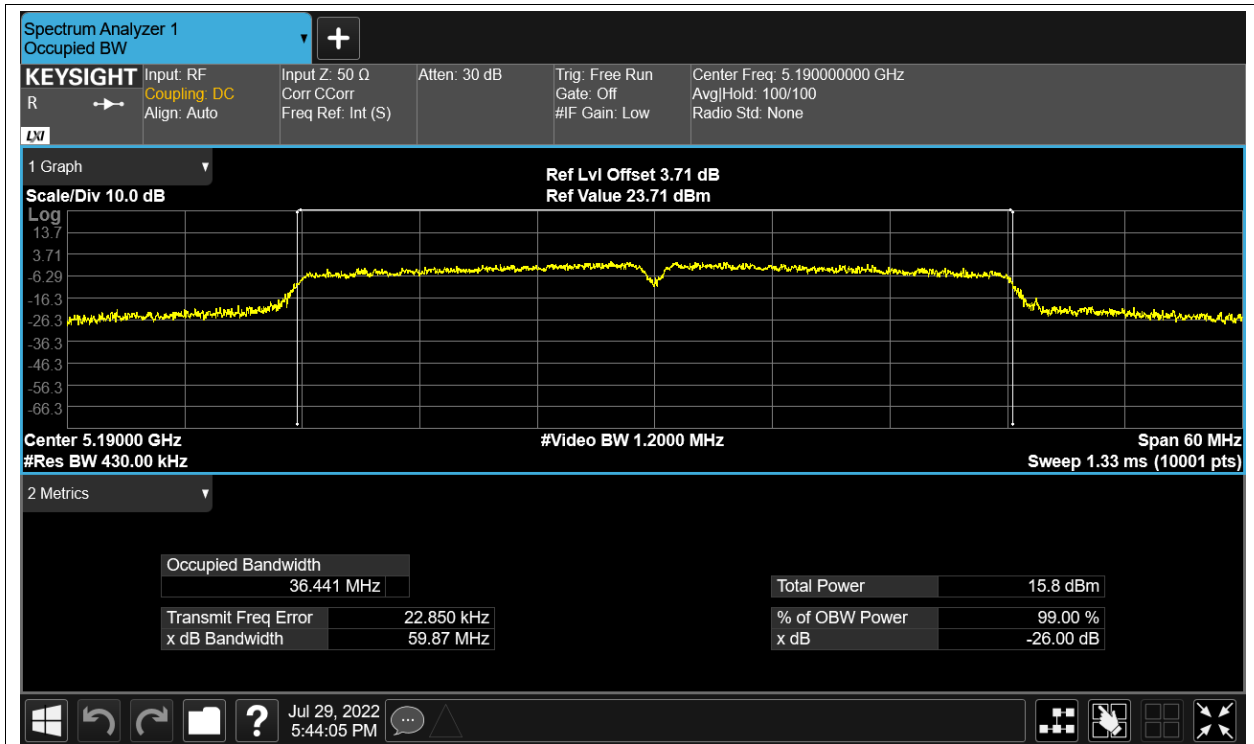
OBW NVNT n20 5200MHz Ant1



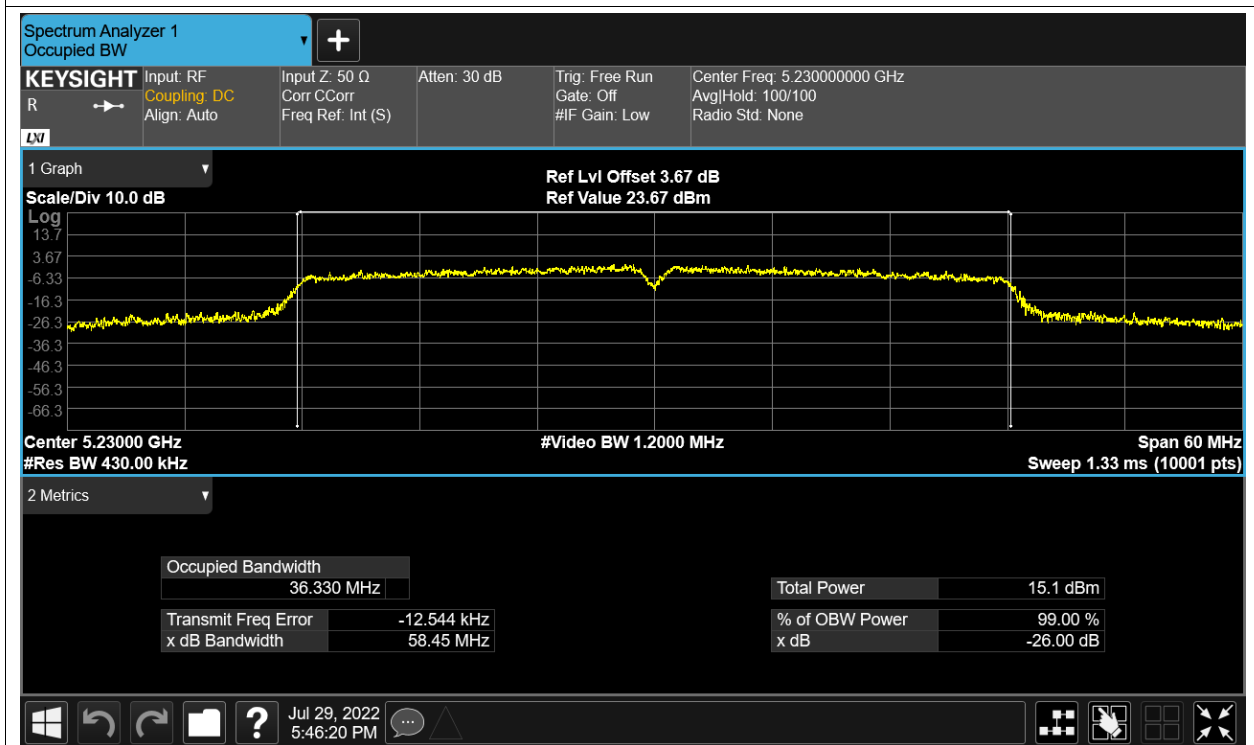
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

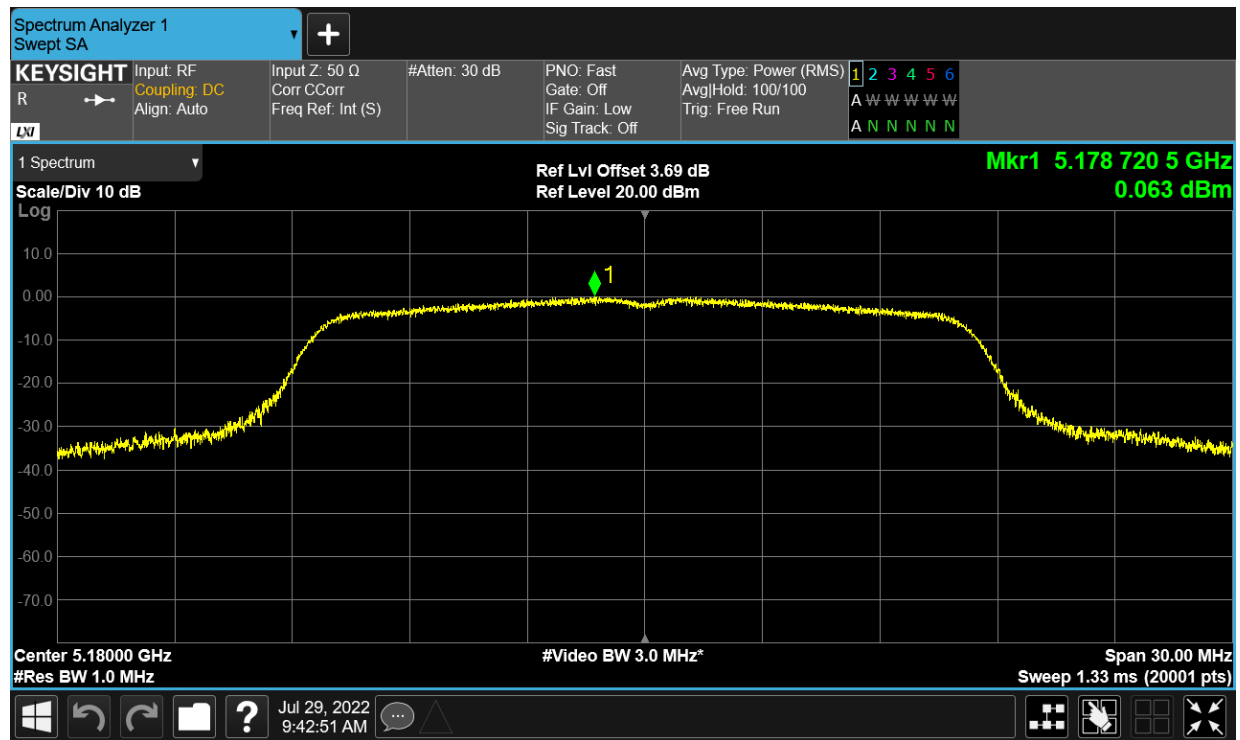


Maximum Power Spectral Density Level

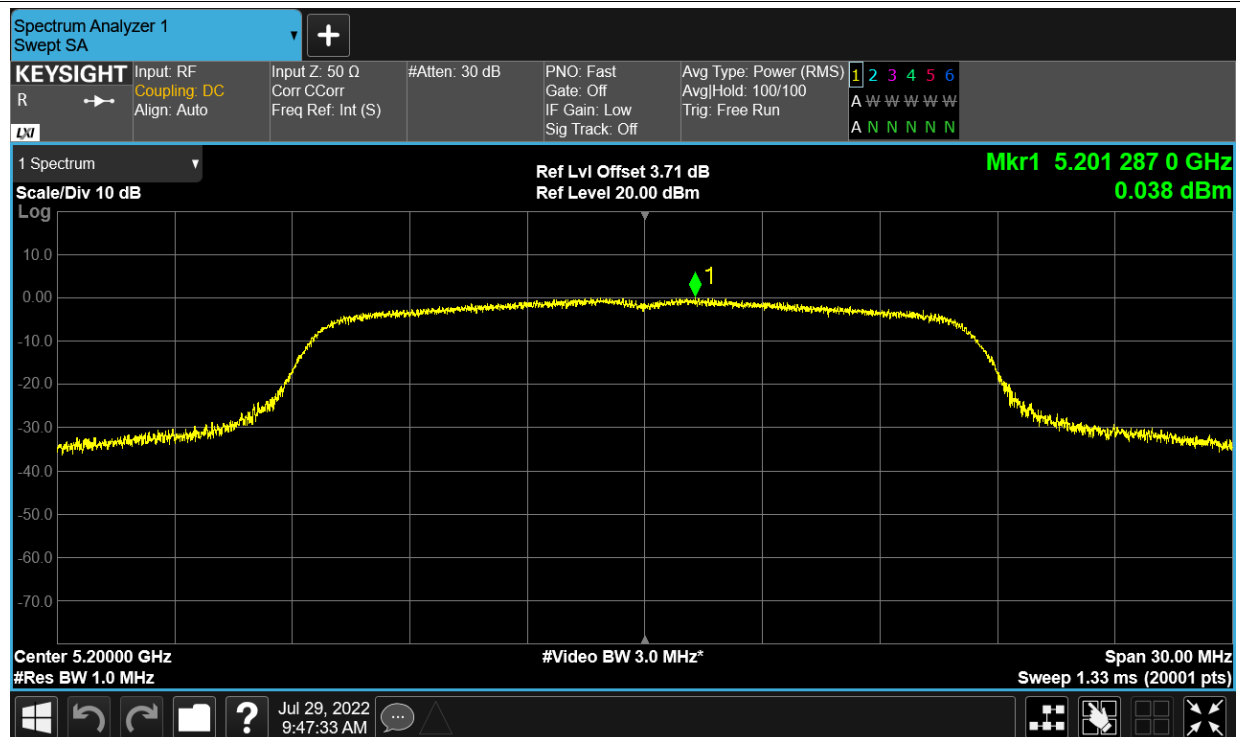
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.063	11	Pass
NVNT	a	5200	Ant1	0.038	11	Pass
NVNT	a	5240	Ant1	-0.767	11	Pass
NVNT	ac20	5180	Ant1	-0.628	11	Pass
NVNT	ac20	5200	Ant1	-0.071	11	Pass
NVNT	ac20	5240	Ant1	-0.95	11	Pass
NVNT	ac40	5190	Ant1	-3.045	11	Pass
NVNT	ac40	5230	Ant1	-2.879	11	Pass
NVNT	ac80	5210	Ant1	-6.568	11	Pass
NVNT	n20	5180	Ant1	-0.094	11	Pass
NVNT	n20	5200	Ant1	0.013	11	Pass
NVNT	n20	5240	Ant1	-1.14	11	Pass
NVNT	n40	5190	Ant1	-2.5	11	Pass
NVNT	n40	5230	Ant1	-3.128	11	Pass

Test Graphs

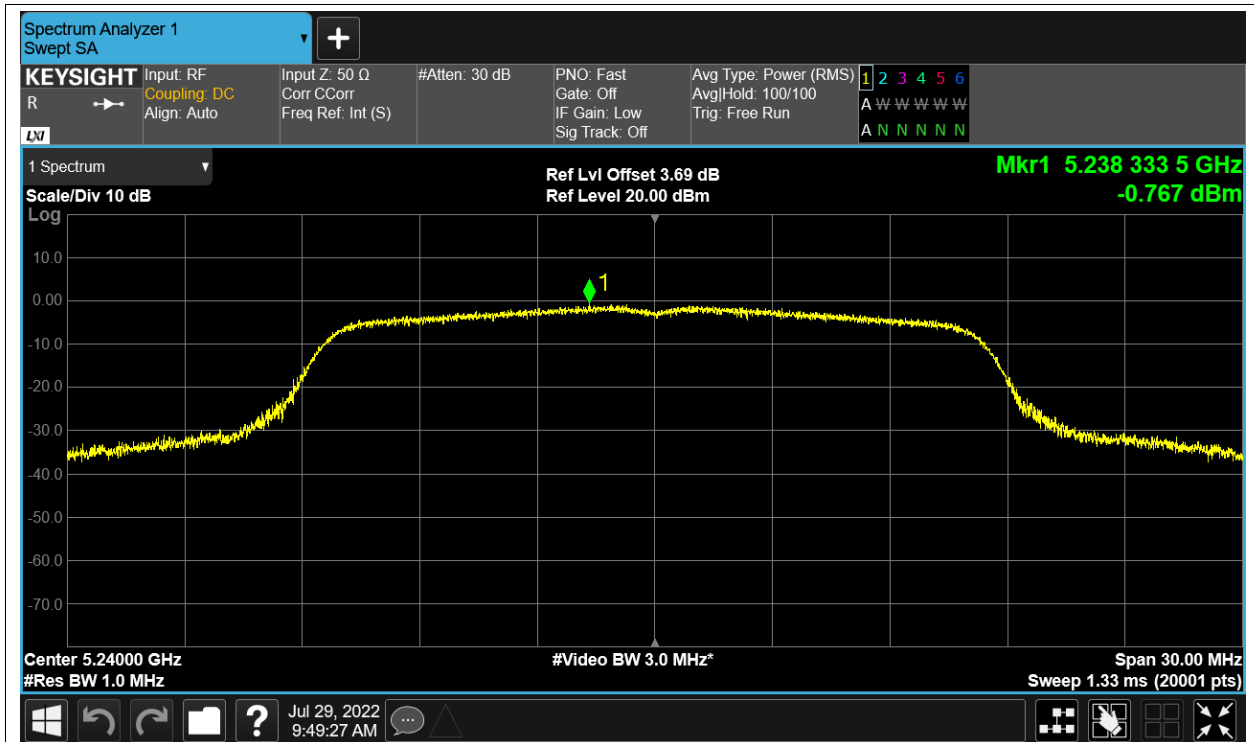
PSD NVNT a 5180MHz Ant1



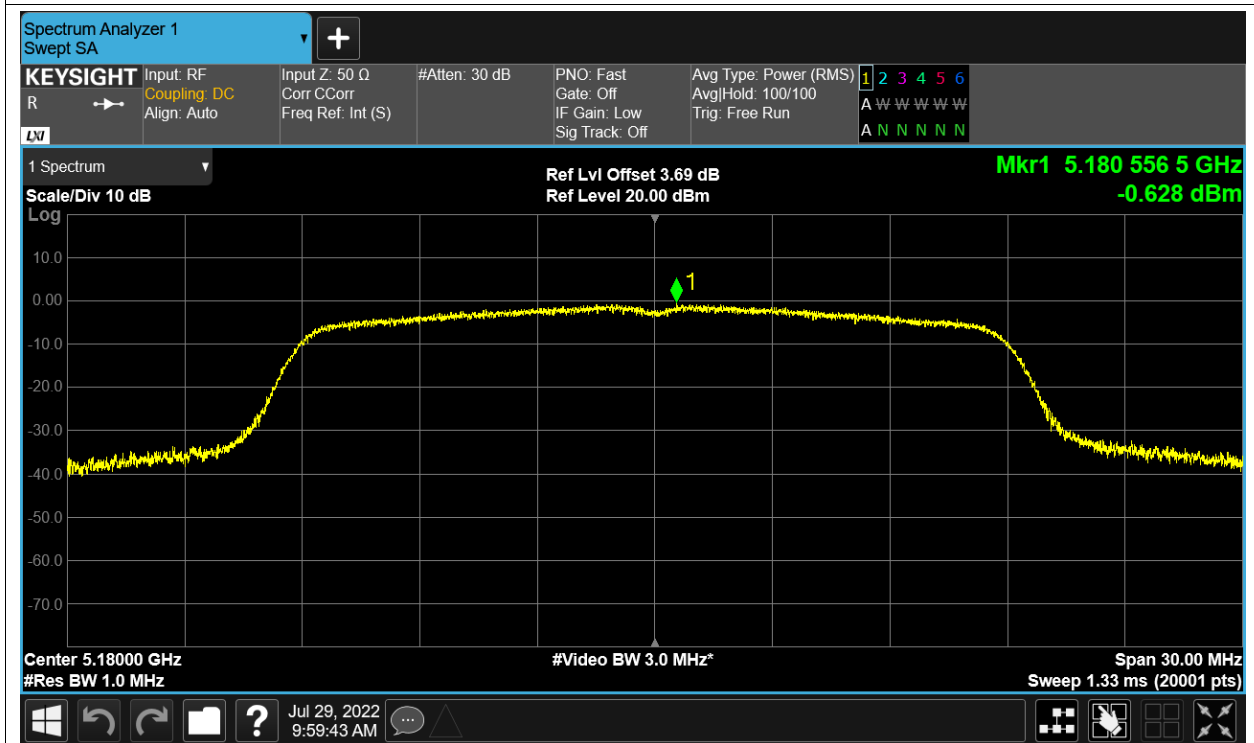
PSD NVNT a 5200MHz Ant1



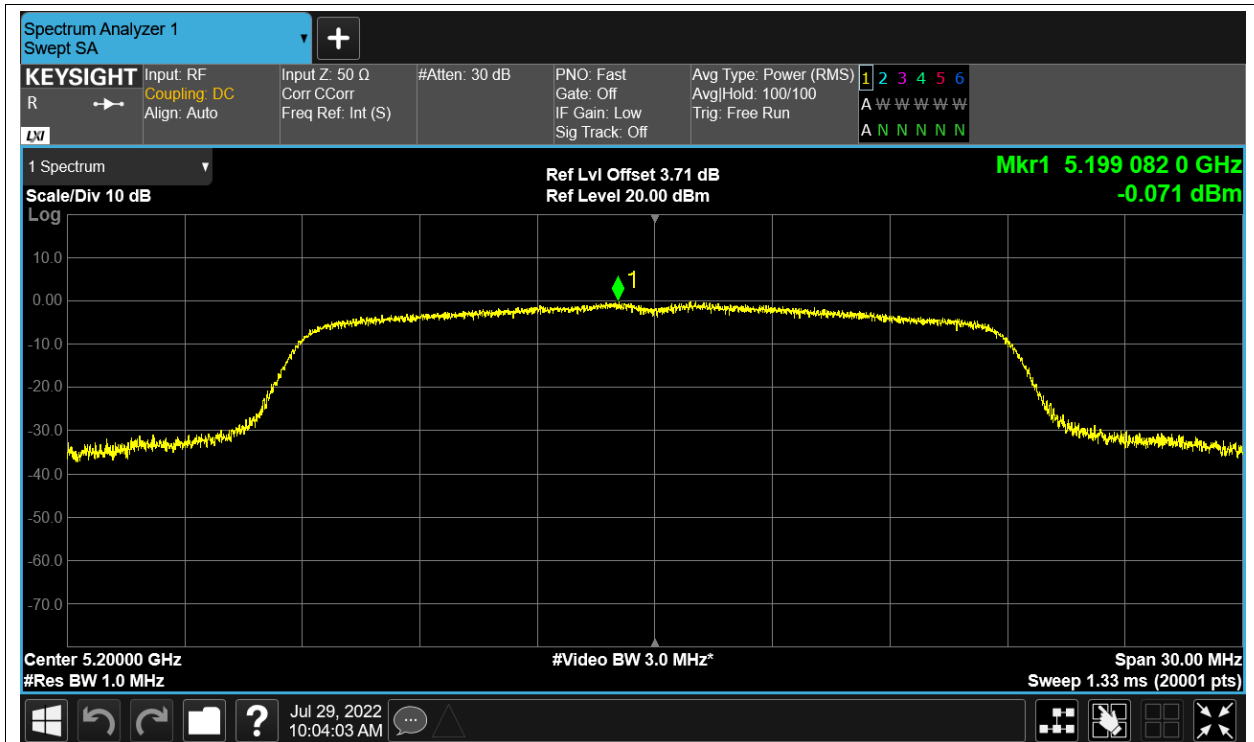
PSD NVNT a 5240MHz Ant1



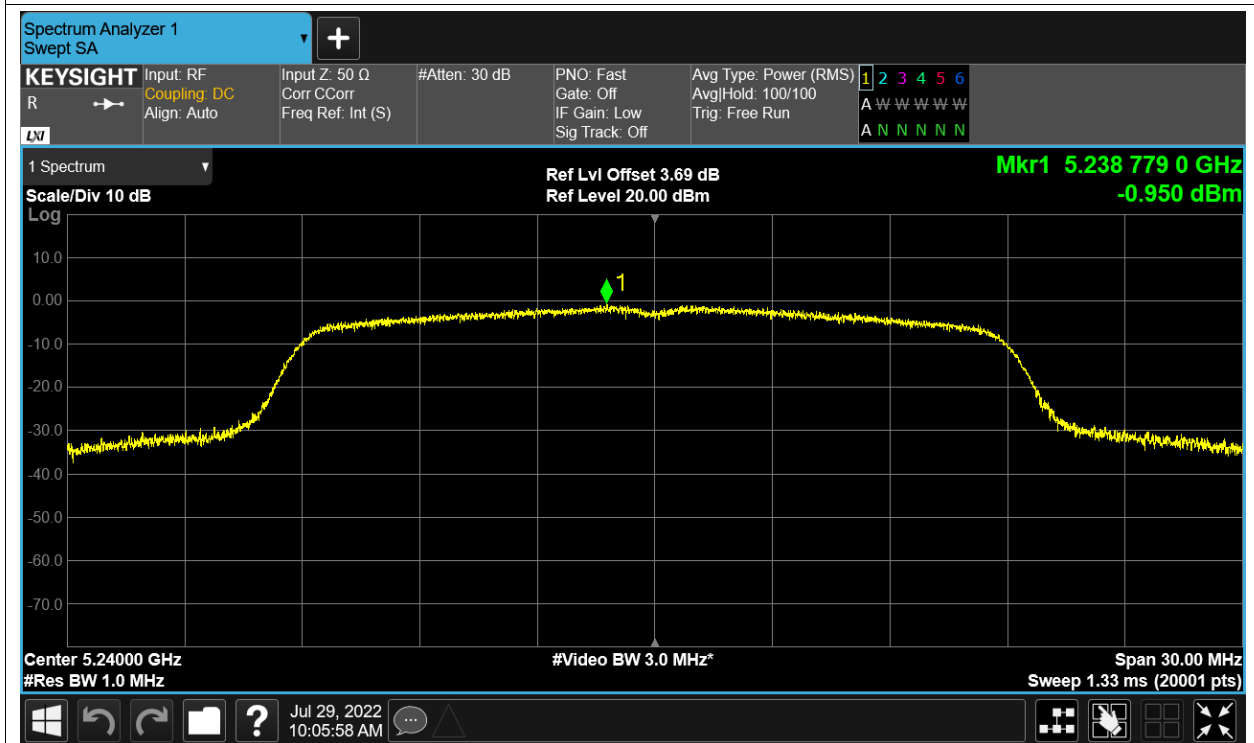
PSD NVNT ac20 5180MHz Ant1



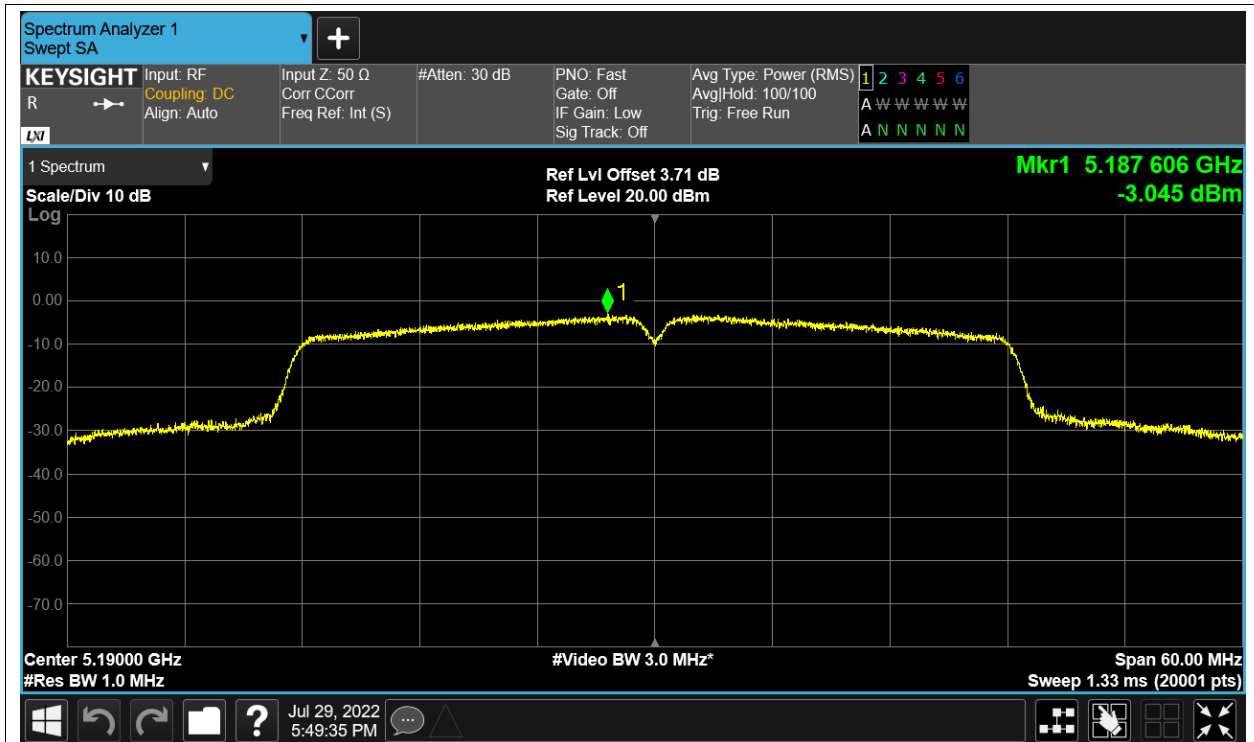
PSD NVNT ac20 5200MHz Ant1



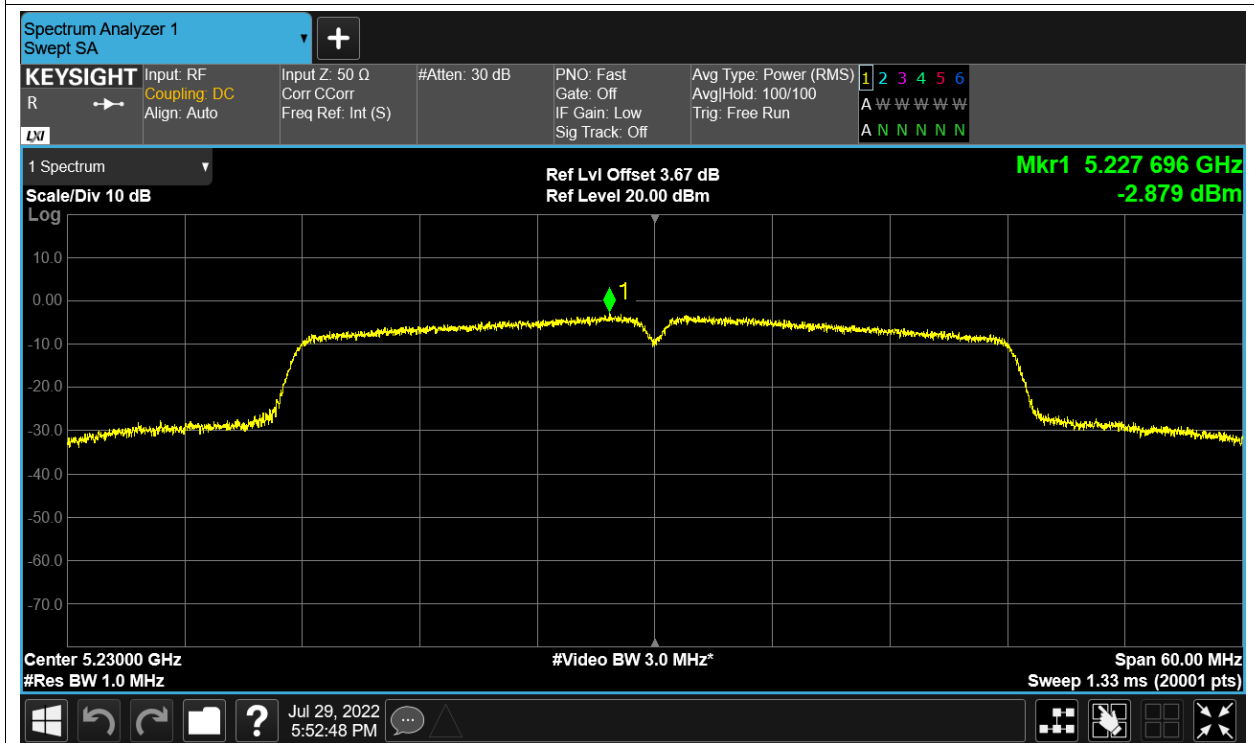
PSD NVNT ac20 5240MHz Ant1



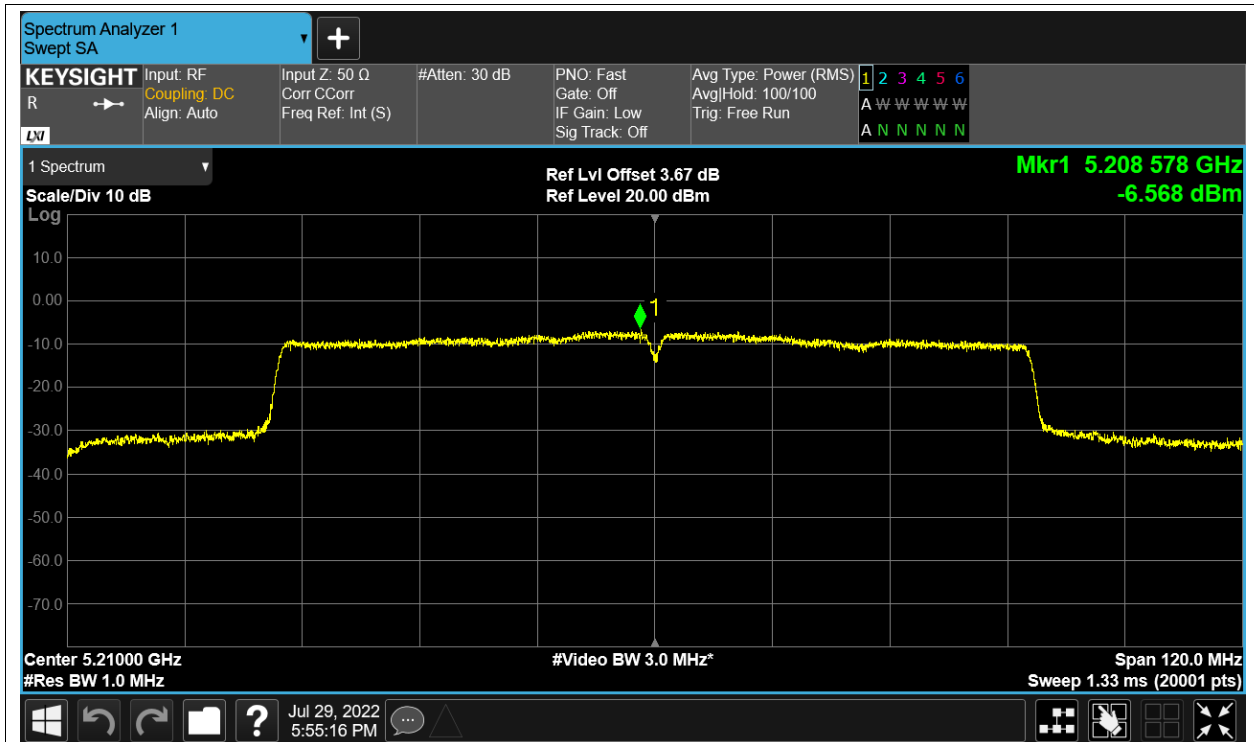
PSD NVNT ac40 5190MHz Ant1



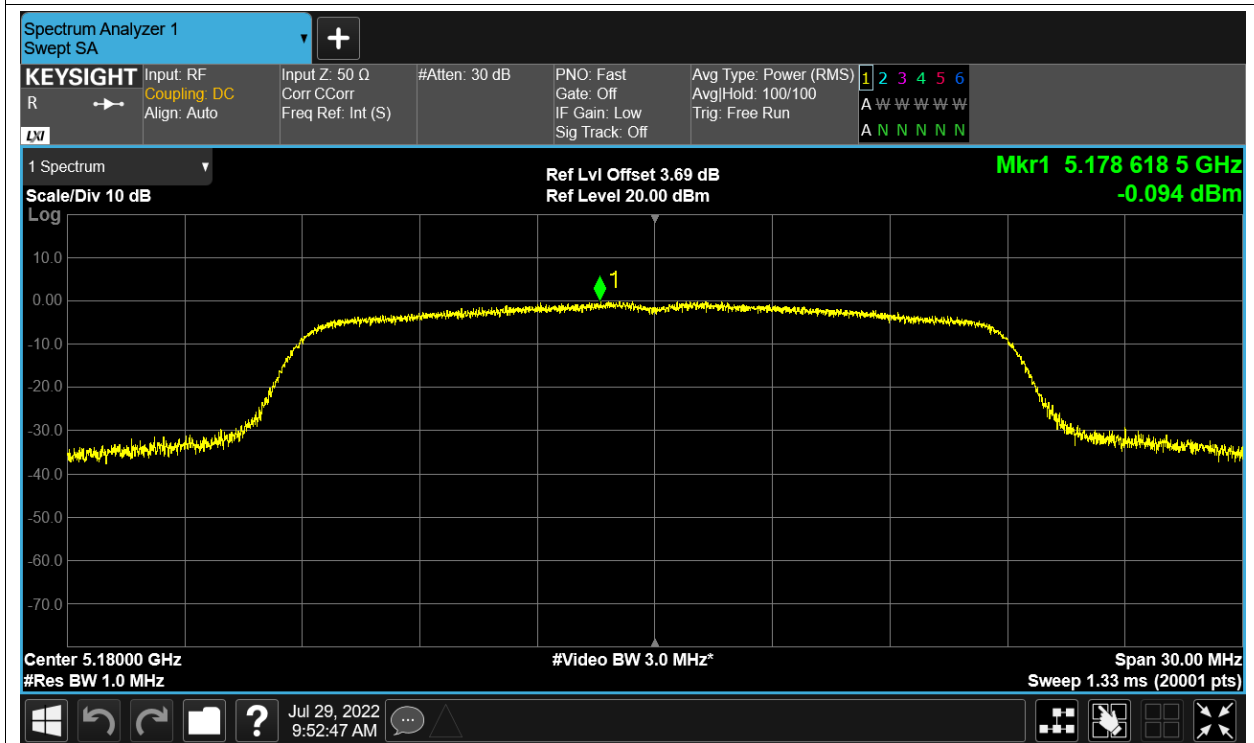
PSD NVNT ac40 5230MHz Ant1



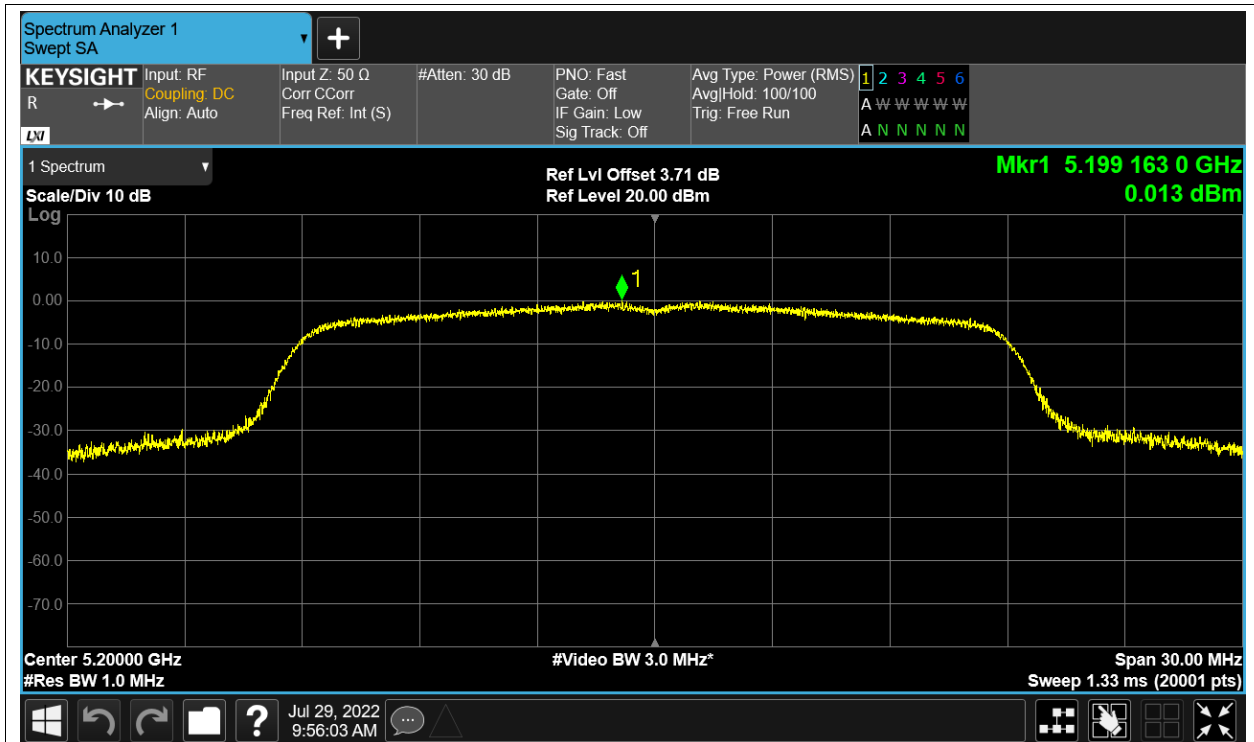
PSD NVNT ac80 5210MHz Ant1



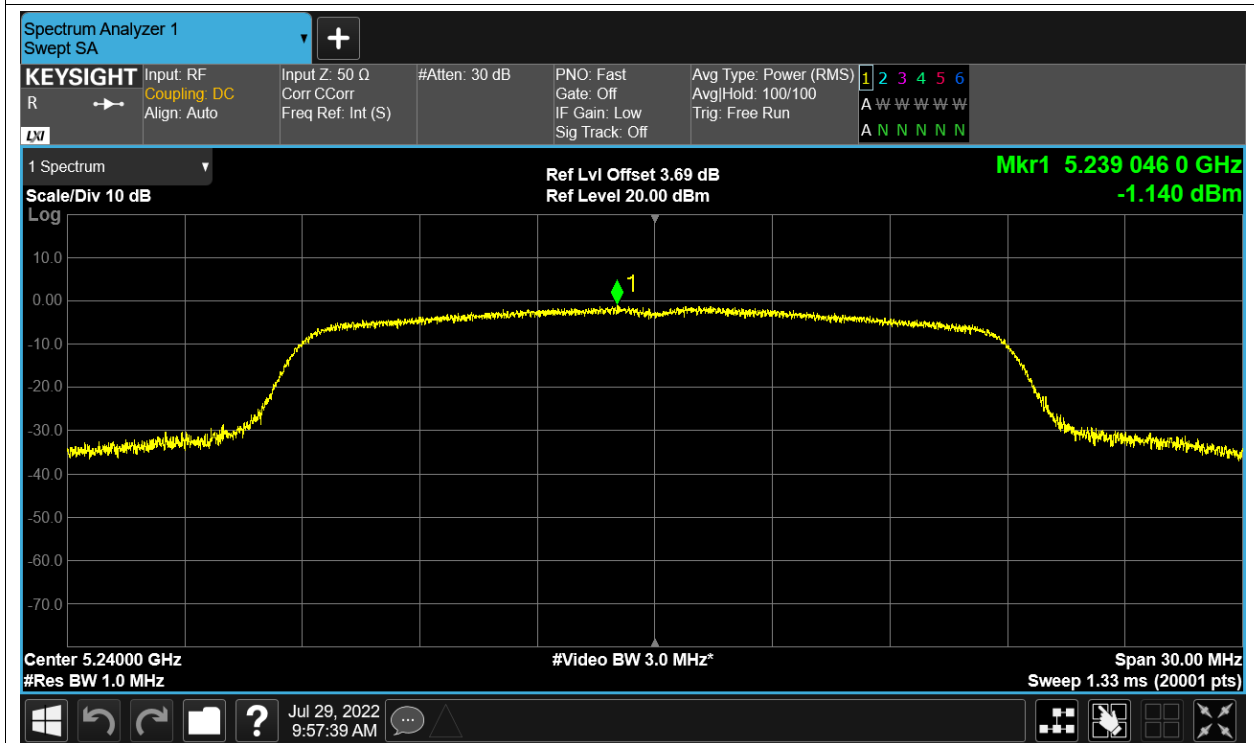
PSD NVNT n20 5180MHz Ant1



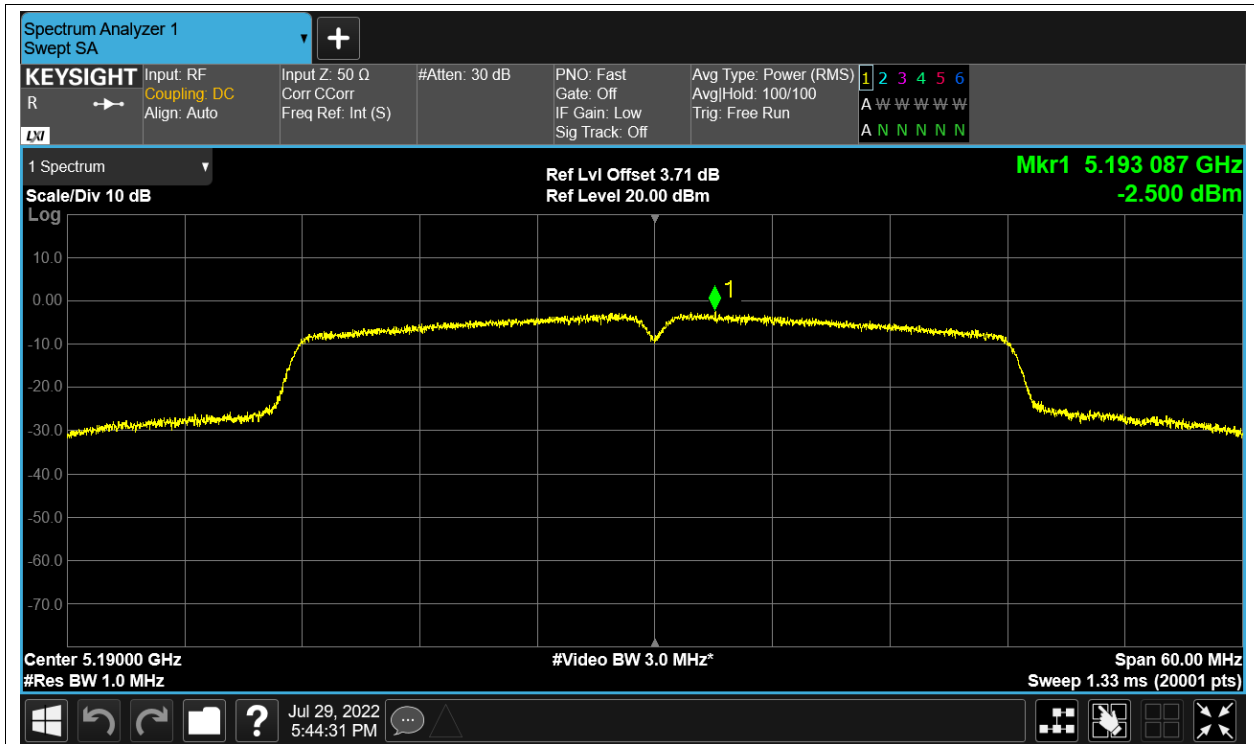
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

