

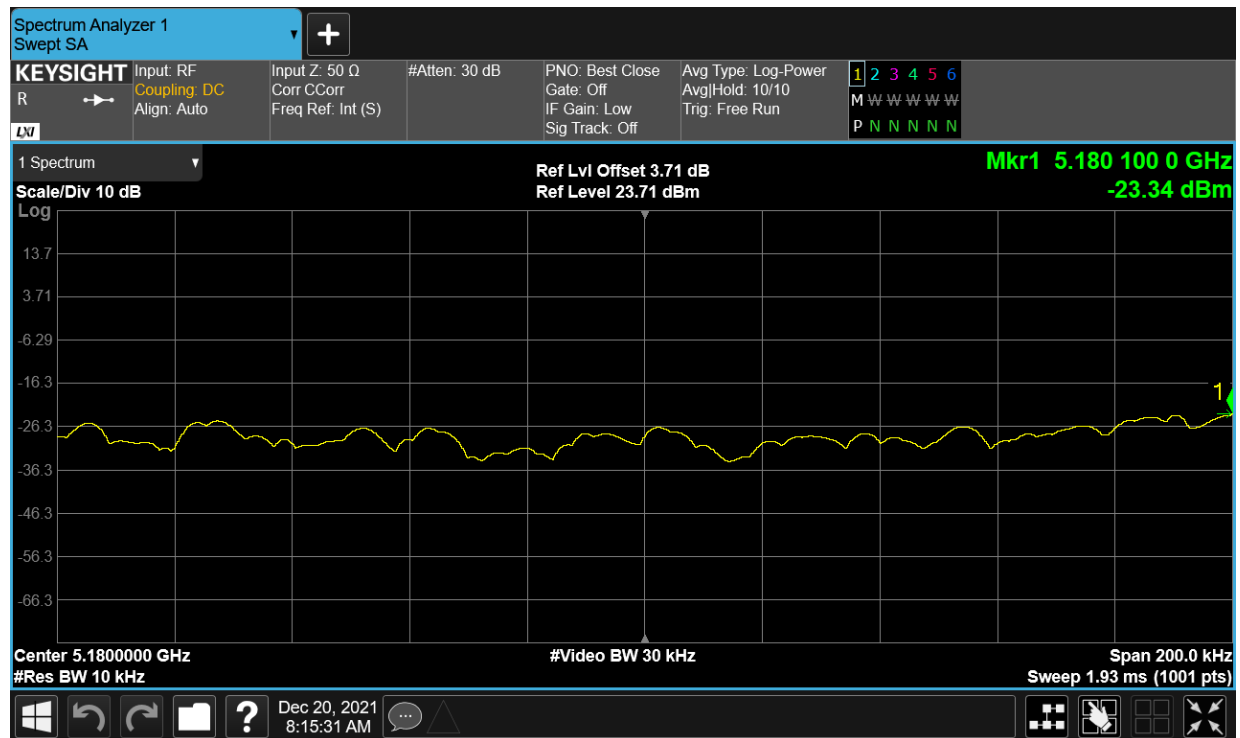
Test Data

Frequency Stability

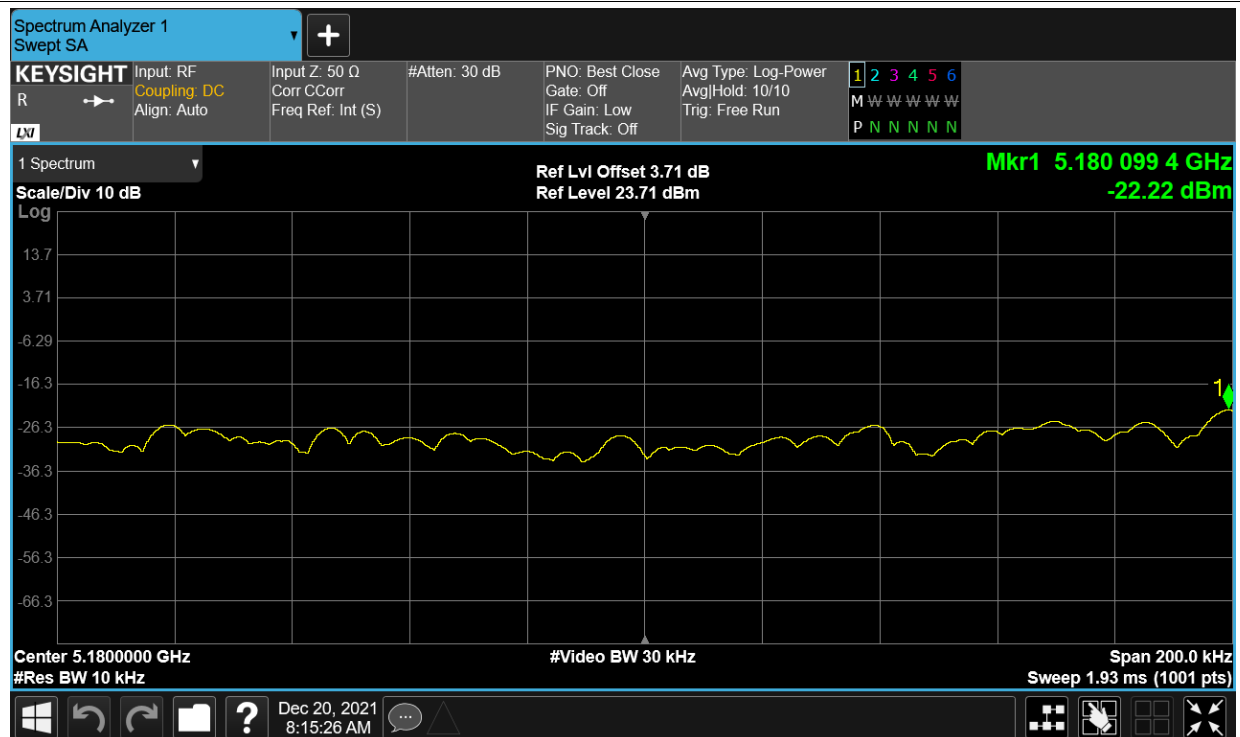
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5180.1	19.31	25	Pass
LVNT	a	5180	Ant1	5180.0994	19.19	25	Pass
NVHT	a	5180	Ant1	5180.086	16.6	25	Pass
NVLT	a	5180	Ant1	5179.925	-14.48	25	Pass
NVNT	a	5180	Ant1	5180.0956	18.46	25	Pass
HVNT	ac80	5210	Ant1	5209.9244	-14.51	25	Pass
LVNT	ac80	5210	Ant1	5209.9216	-15.05	25	Pass
NVHT	ac80	5210	Ant1	5209.922	-14.97	25	Pass
NVLT	ac80	5210	Ant1	5209.9212	-15.12	25	Pass
NVNT	ac80	5210	Ant1	5209.923	-14.78	25	Pass
HVNT	n40	5190	Ant1	5189.9282	-13.83	25	Pass
LVNT	n40	5190	Ant1	5189.9218	-15.07	25	Pass
NVHT	n40	5190	Ant1	5189.9218	-15.07	25	Pass
NVLT	n40	5190	Ant1	5189.9168	-16.03	25	Pass
NVNT	n40	5190	Ant1	5189.918	-15.8	25	Pass

Test Graphs

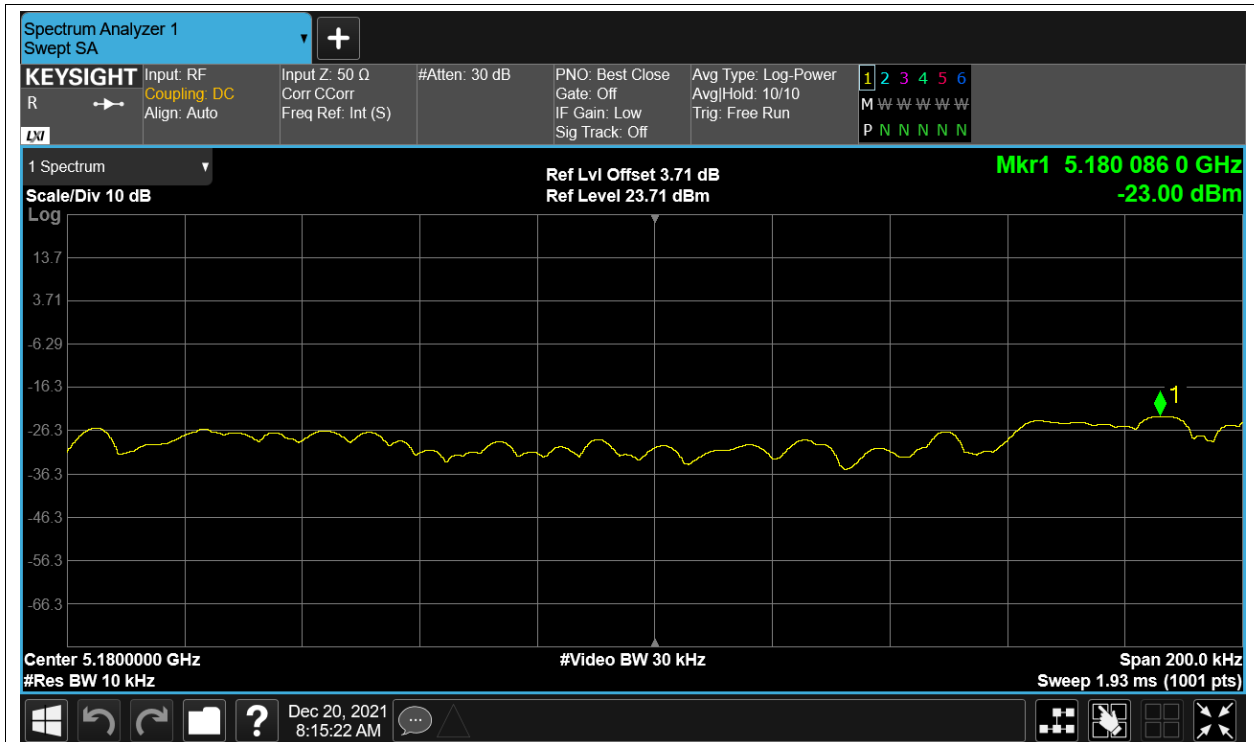
Freq. Stability HVNT a 5180MHz Ant1



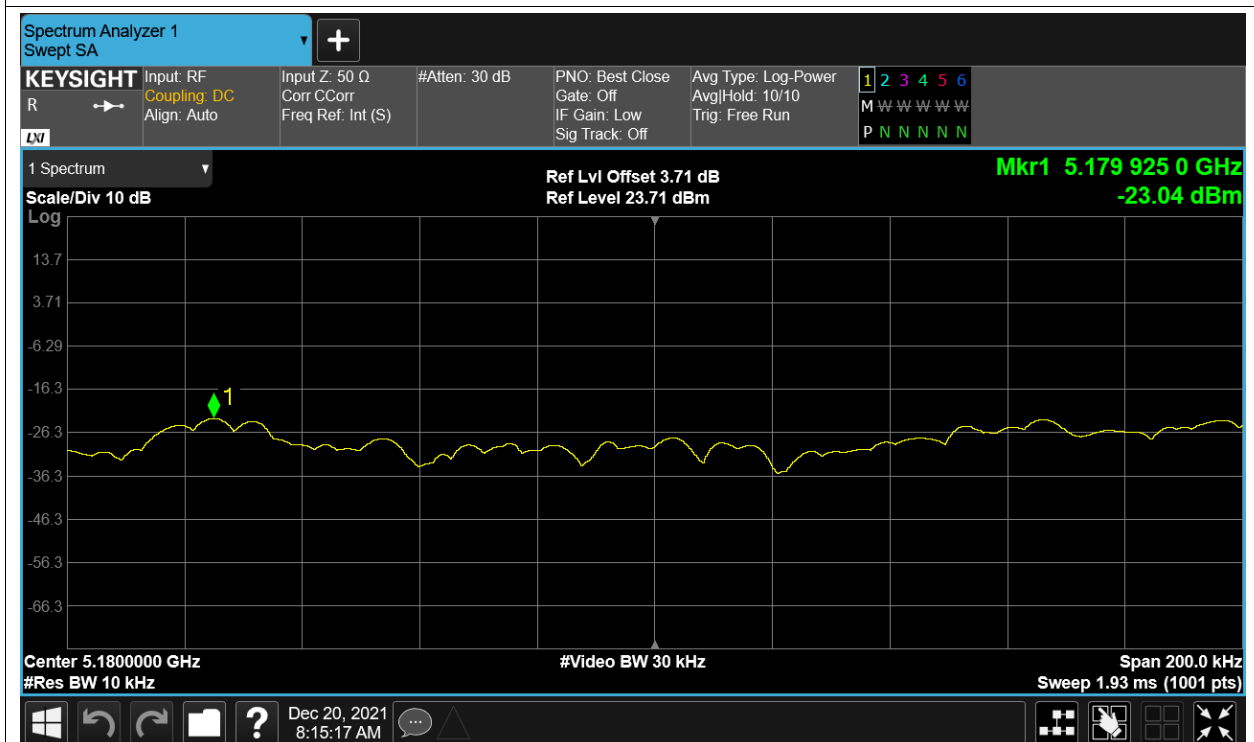
Freq. Stability LVNT a 5180MHz Ant1



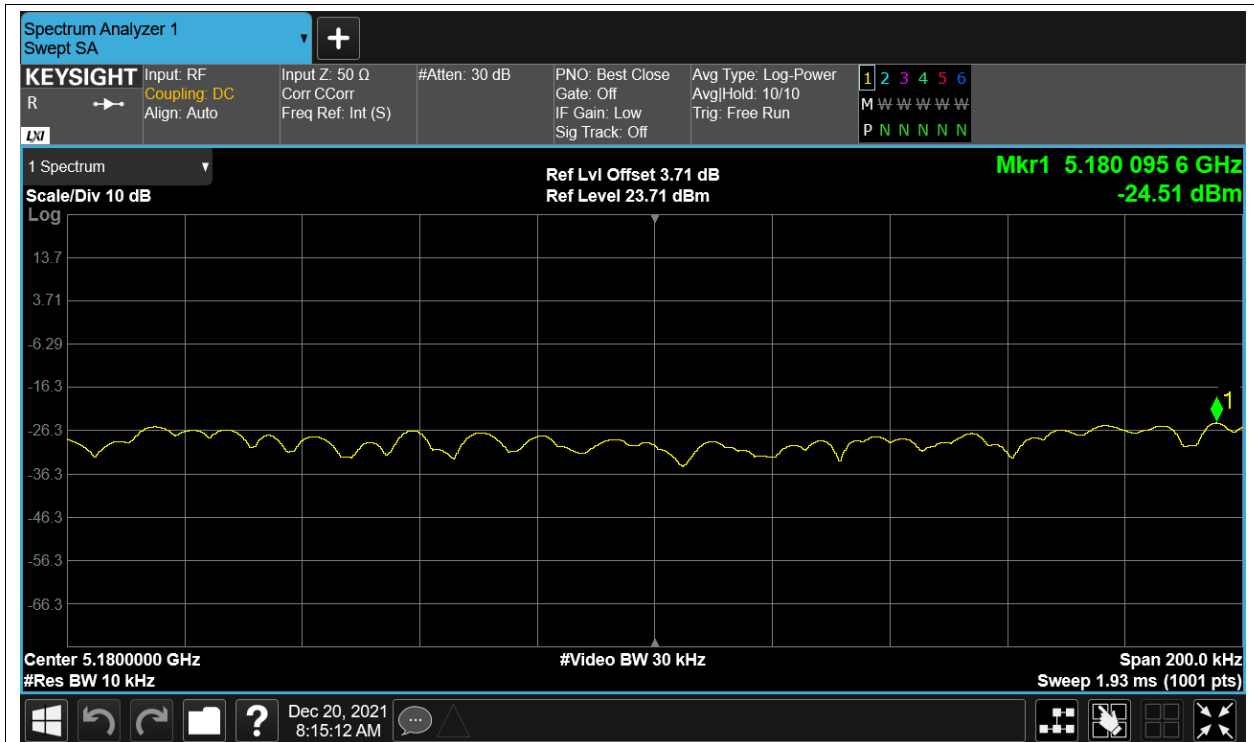
Freq. Stability NVHT a 5180MHz Ant1



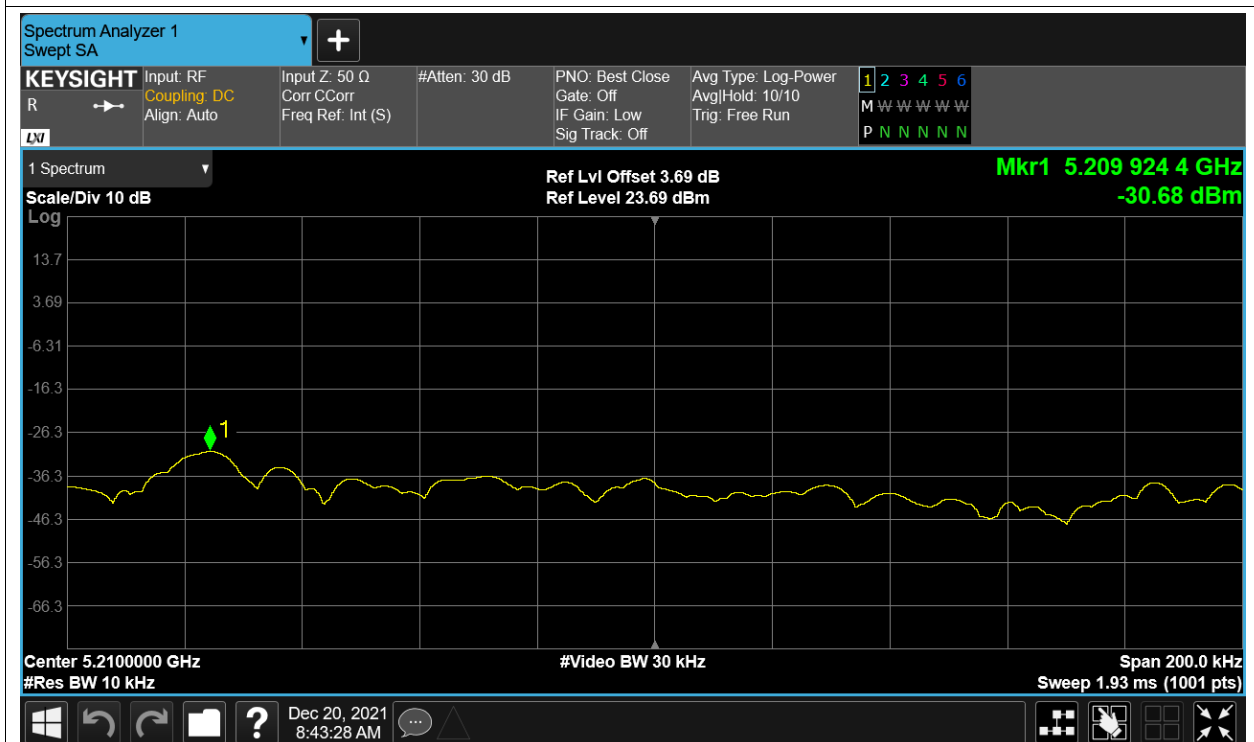
Freq. Stability NVLT a 5180MHz Ant1



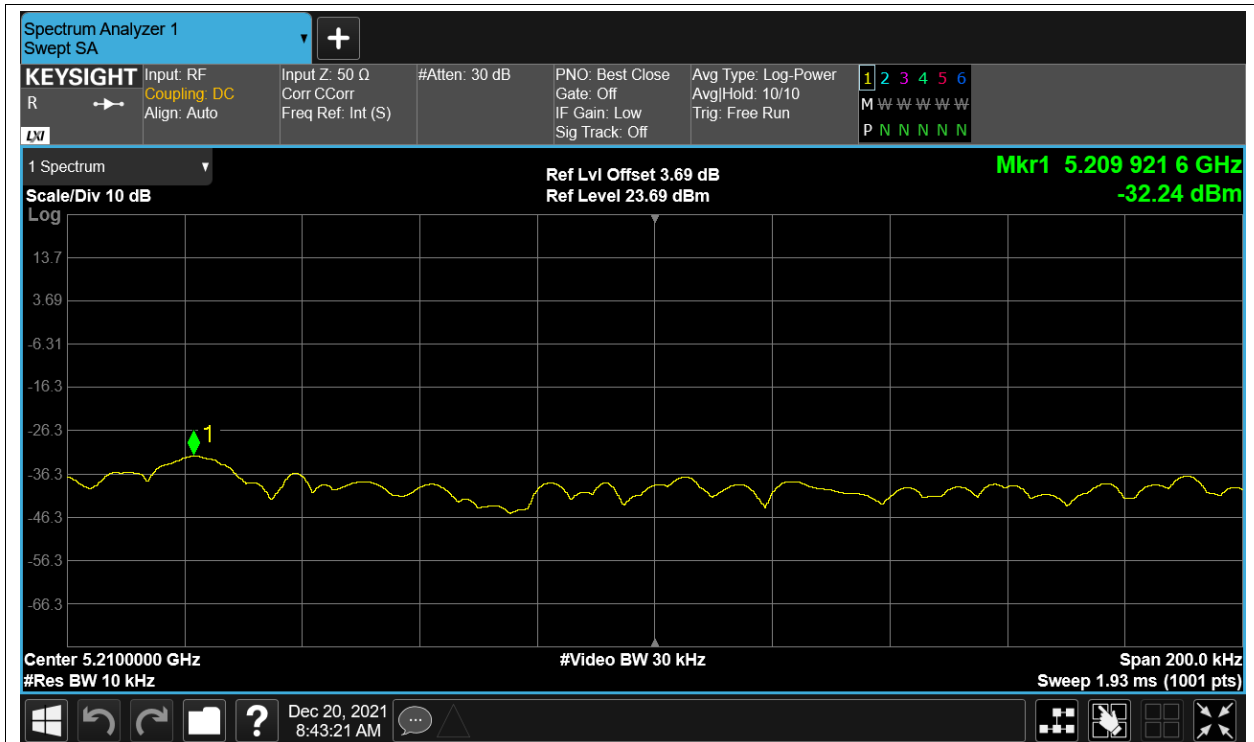
Freq. Stability NVNT a 5180MHz Ant1



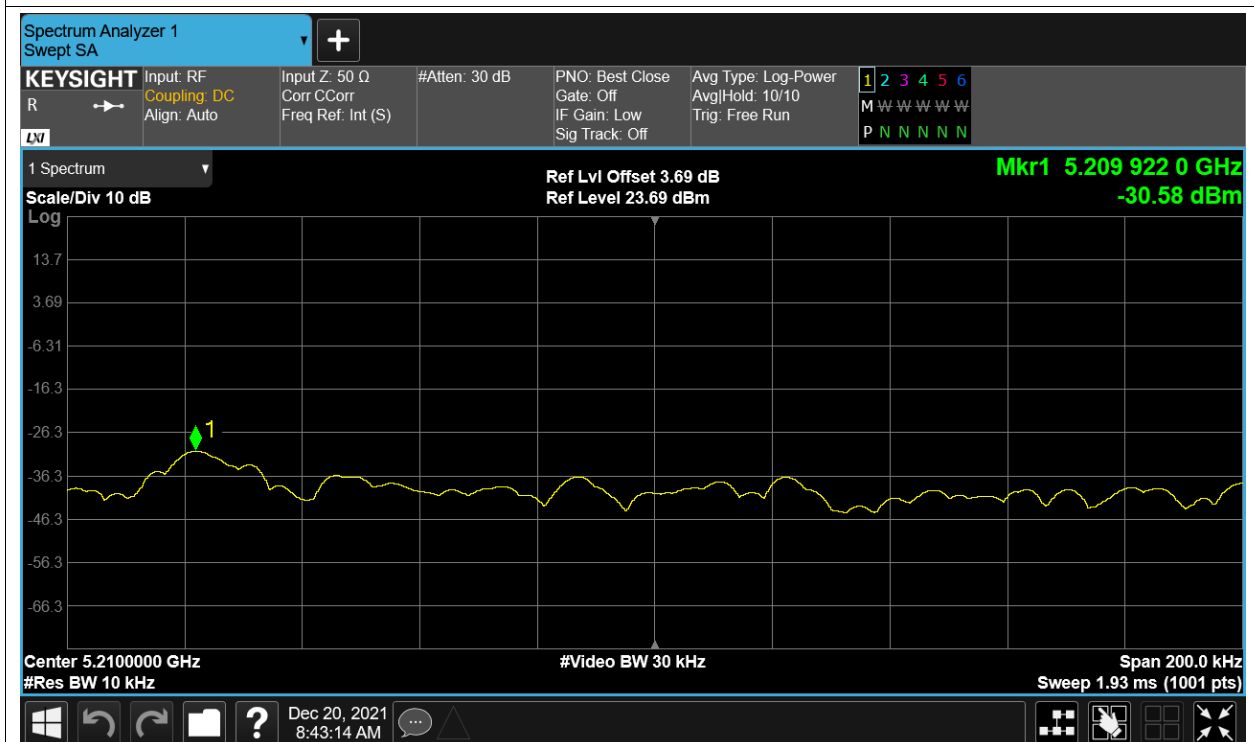
Freq. Stability HVNT ac80 5210MHz Ant1



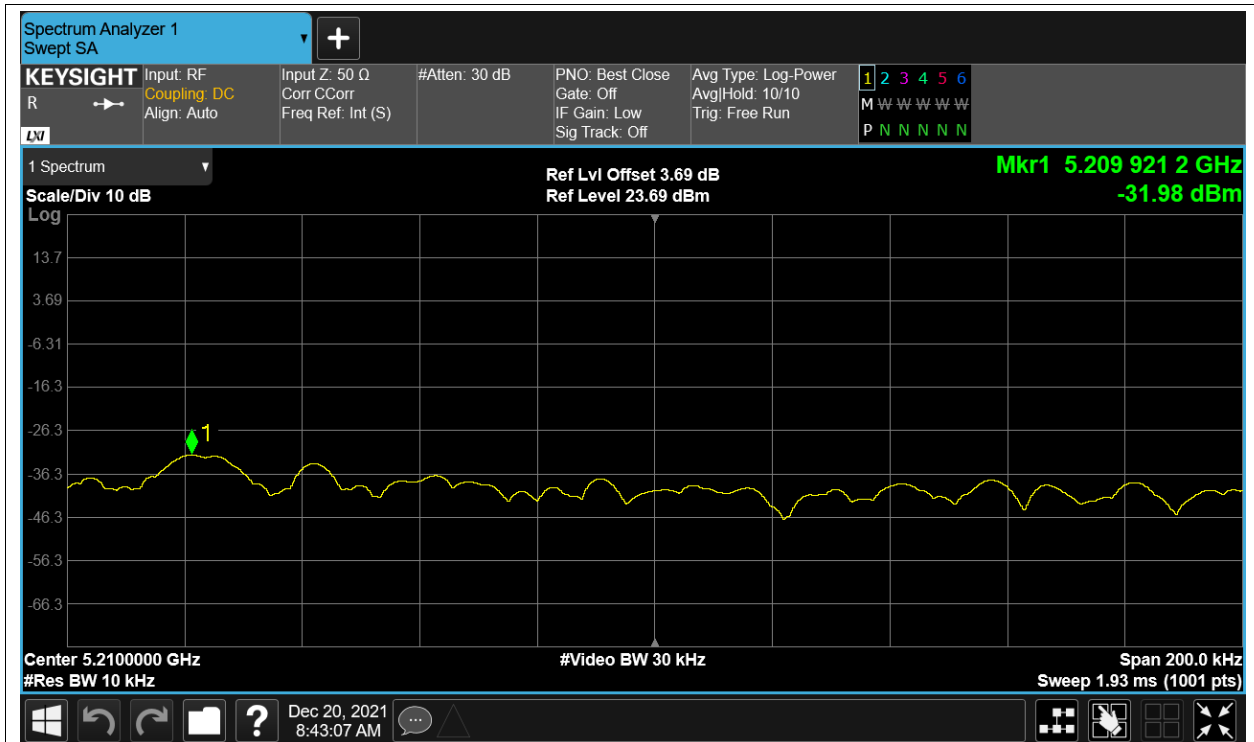
Freq. Stability LVNT ac80 5210MHz Ant1



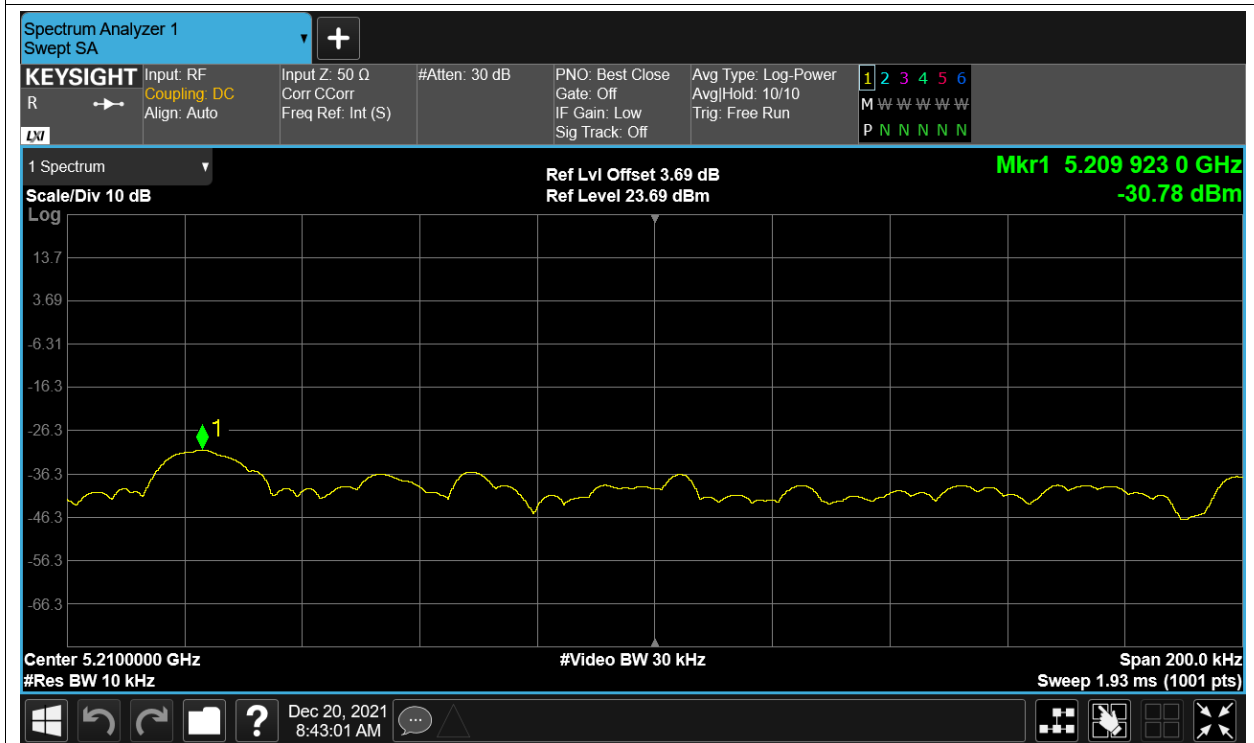
Freq. Stability NVHT ac80 5210MHz Ant1



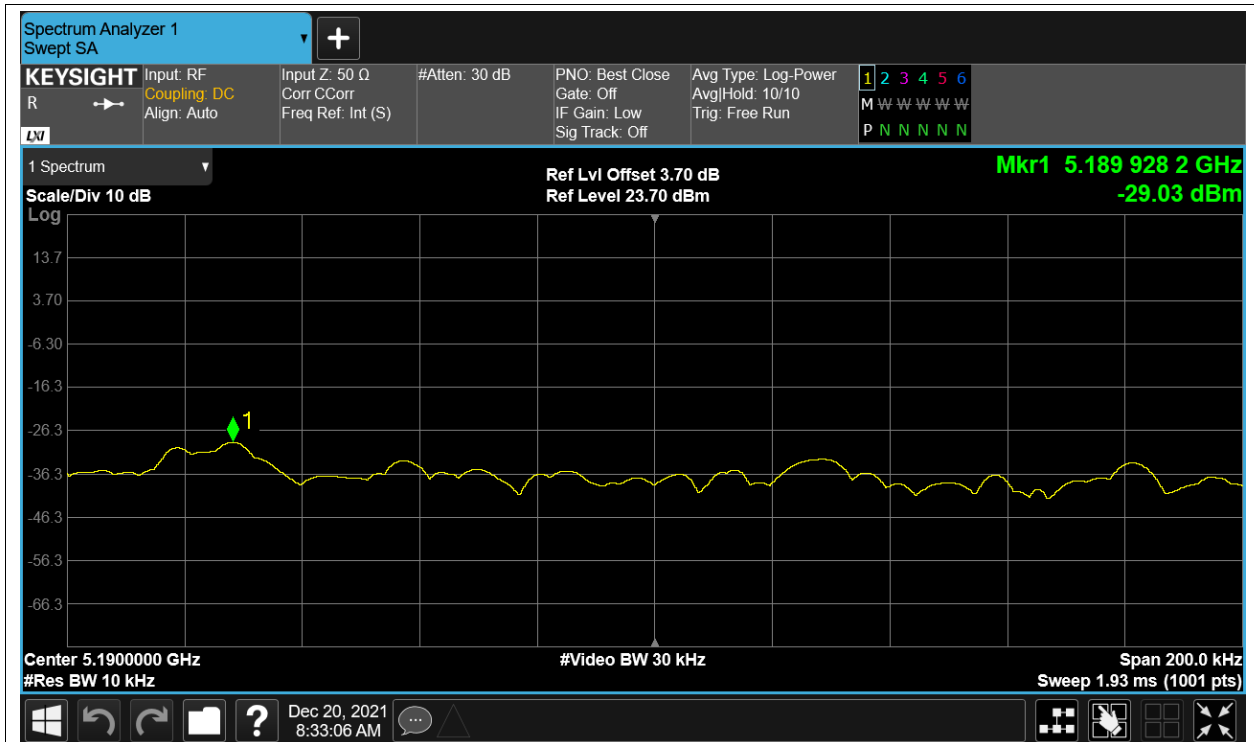
Freq. Stability NVLT ac80 5210MHz Ant1



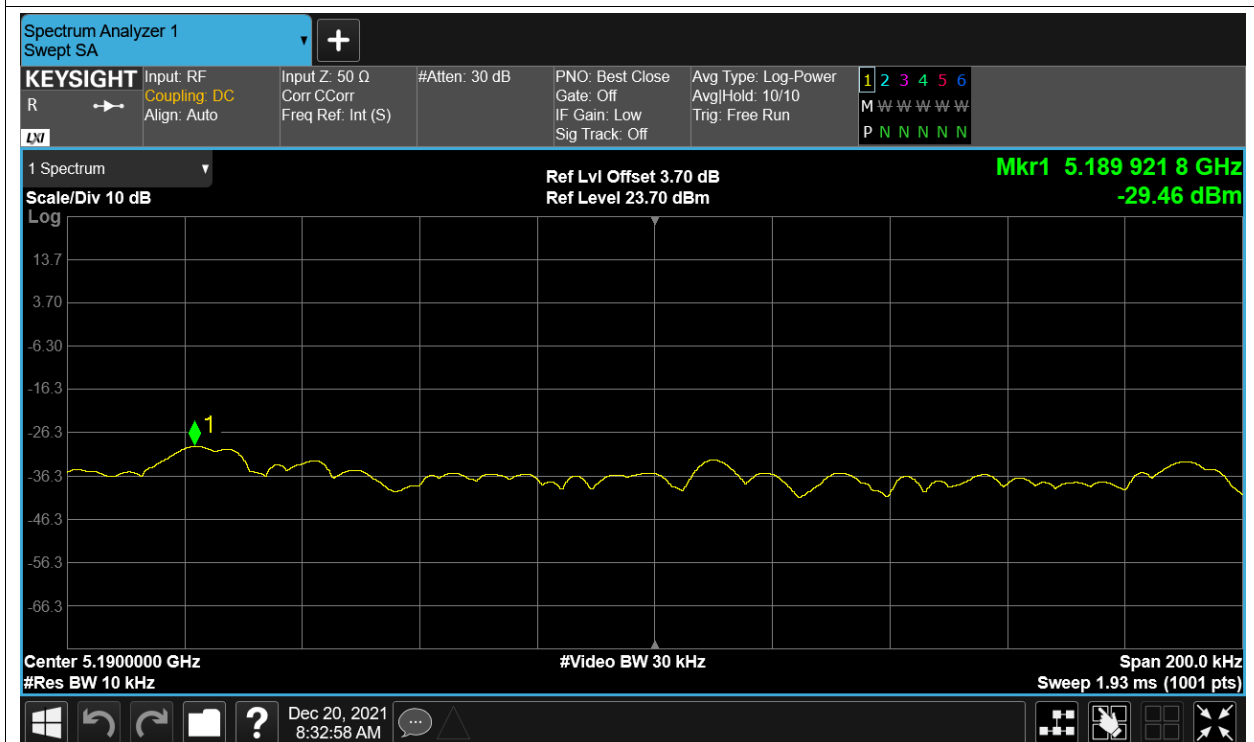
Freq. Stability NVNT ac80 5210MHz Ant1



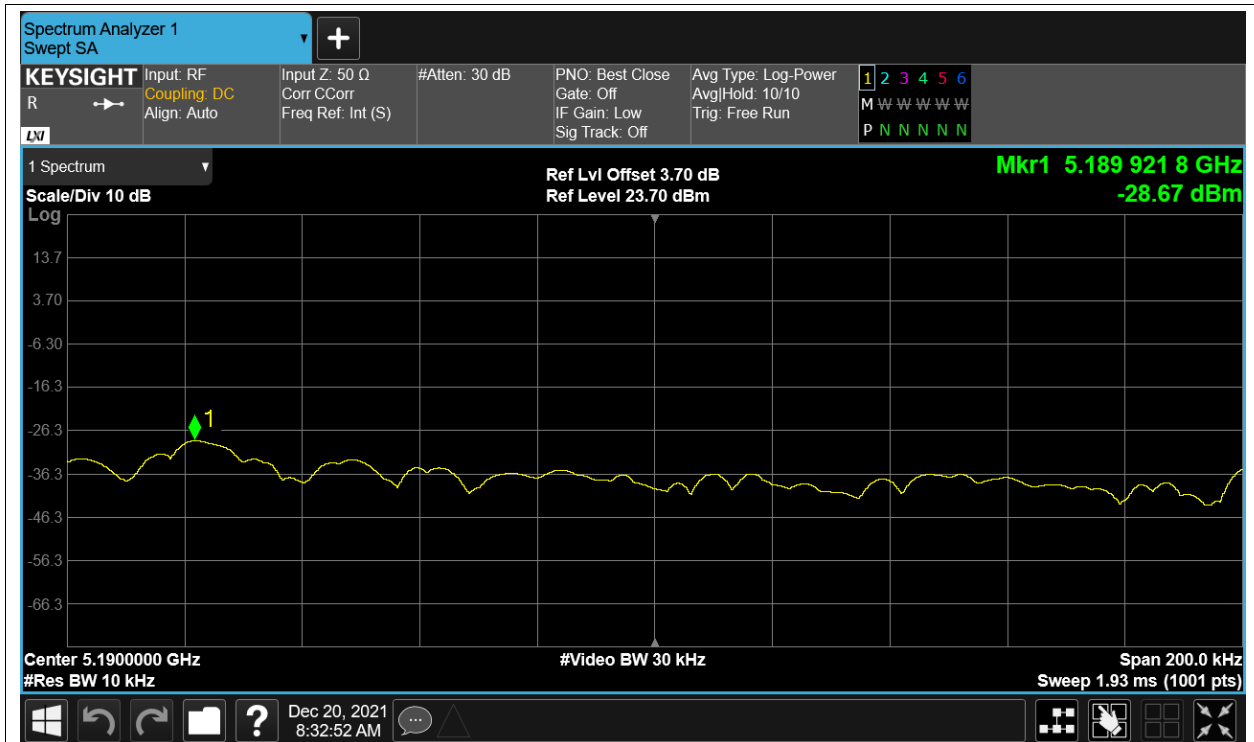
Freq. Stability HVNT n40 5190MHz Ant1



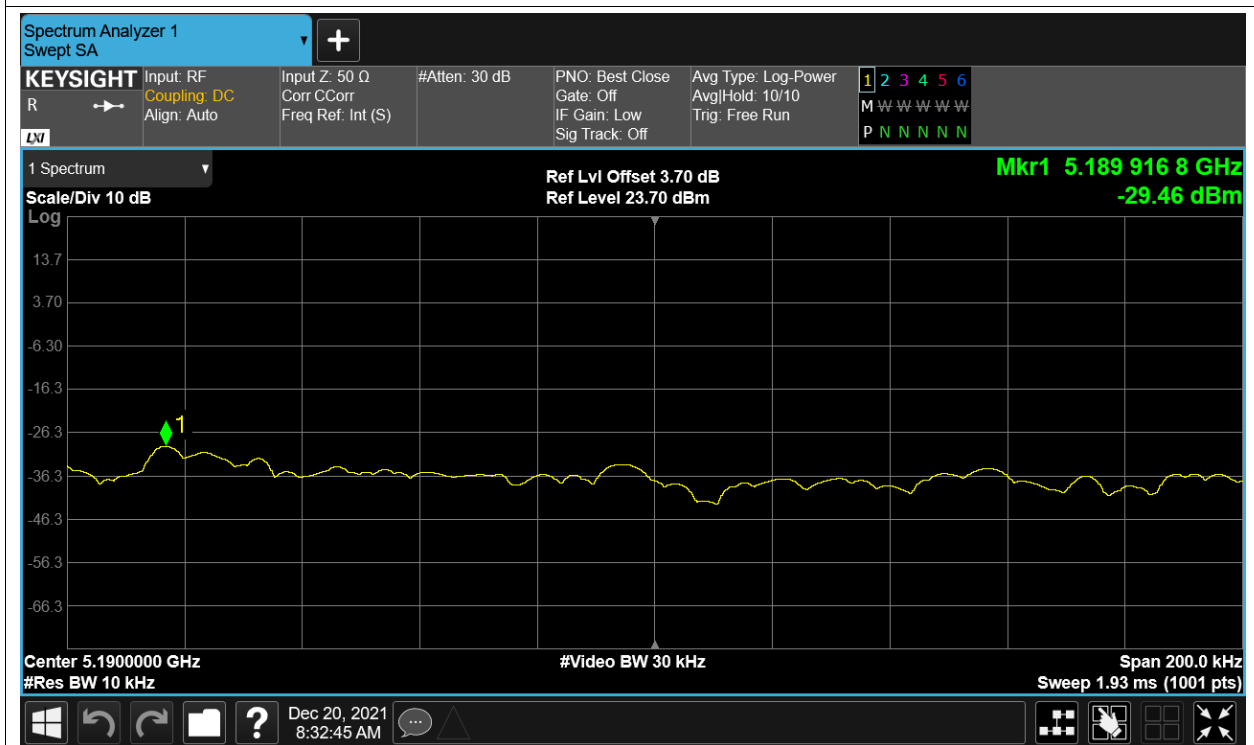
Freq. Stability LVNT n40 5190MHz Ant1



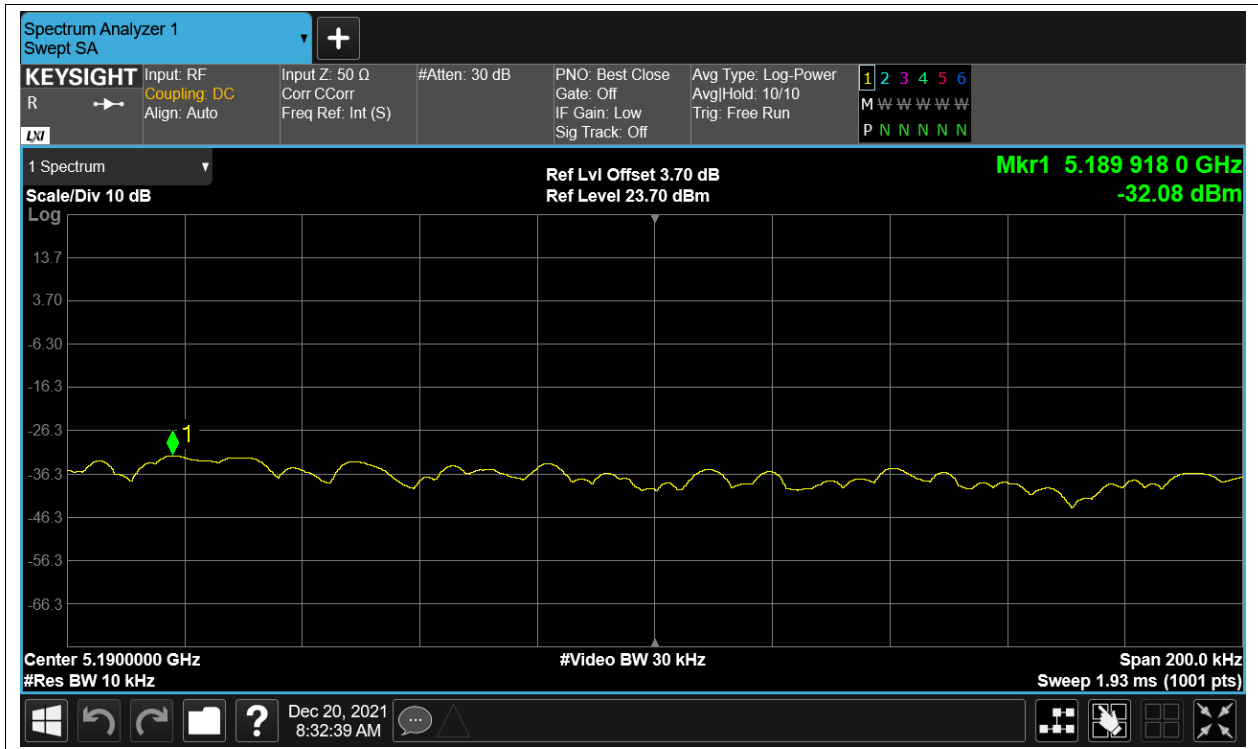
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

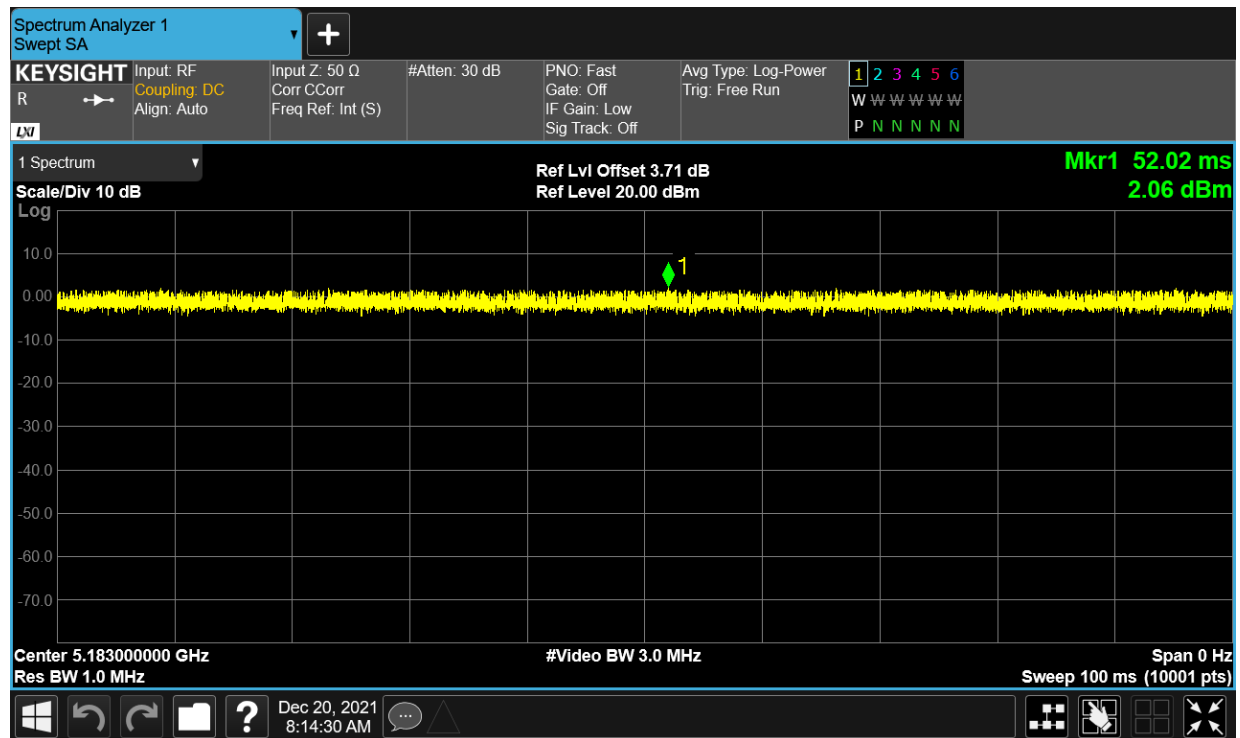


Duty Cycle

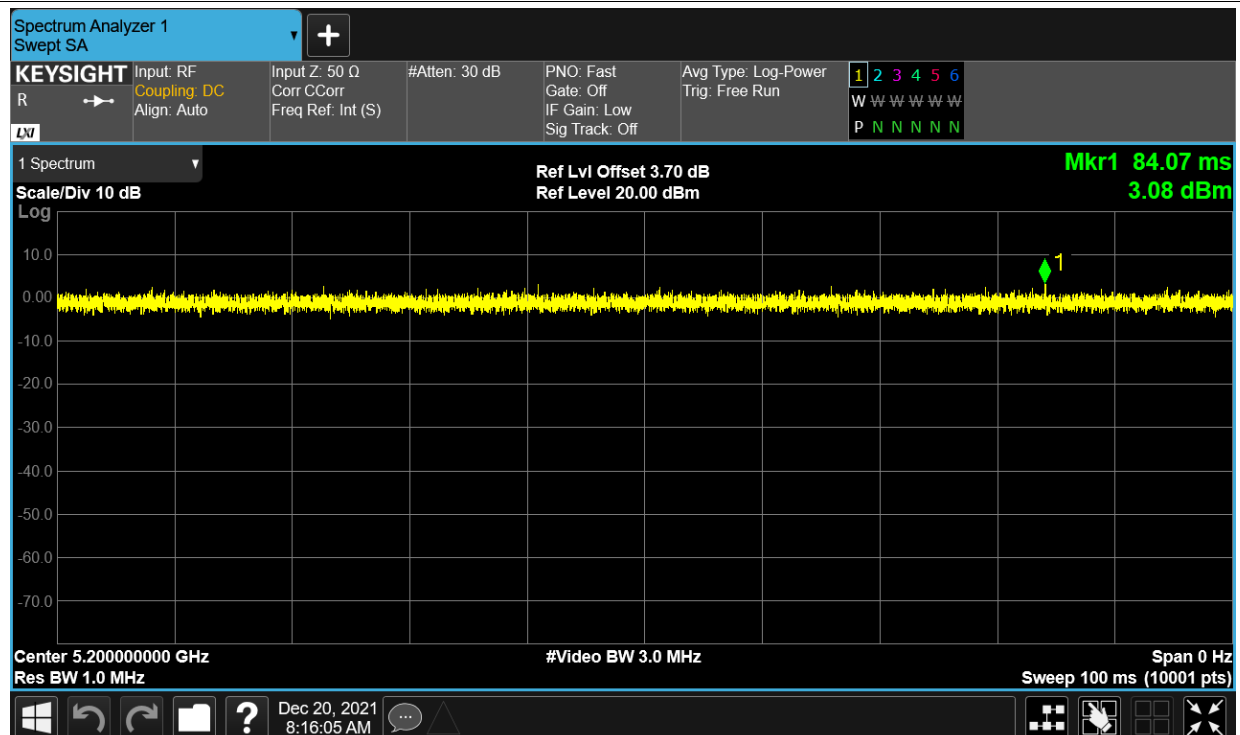
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5183	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0
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

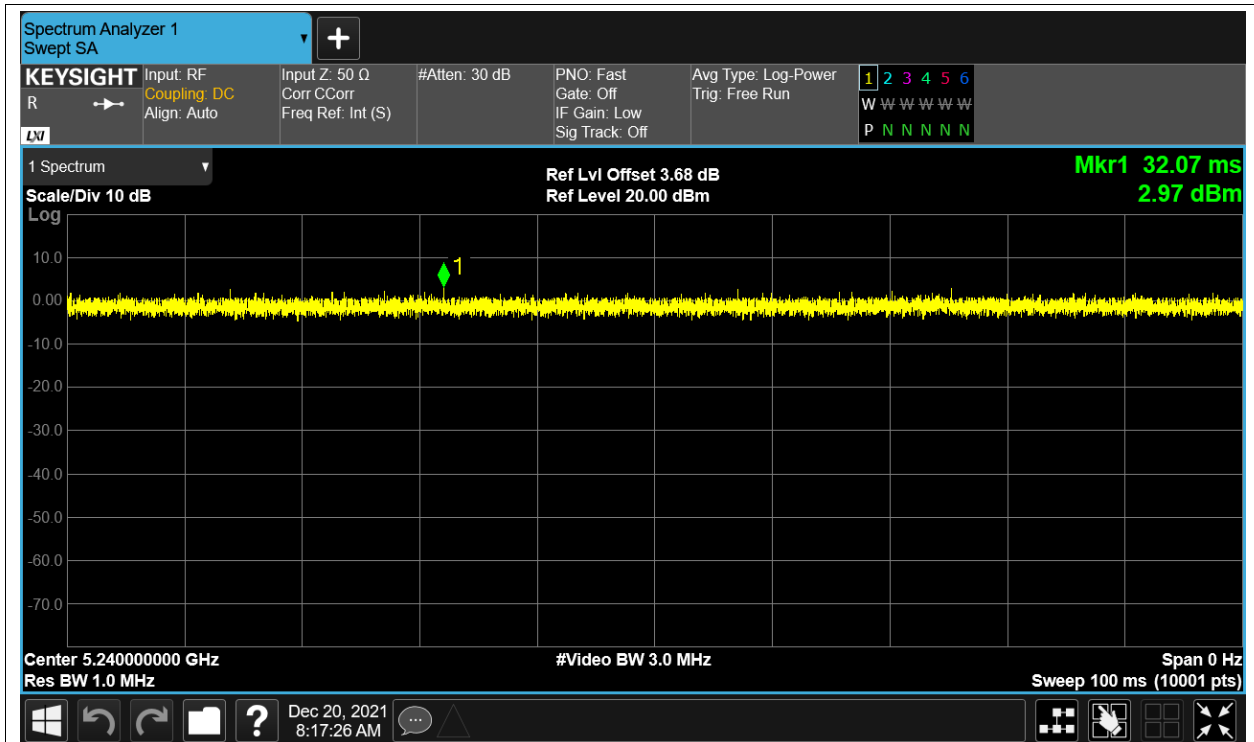
Duty Cycle NVNT a 5183MHz Ant1



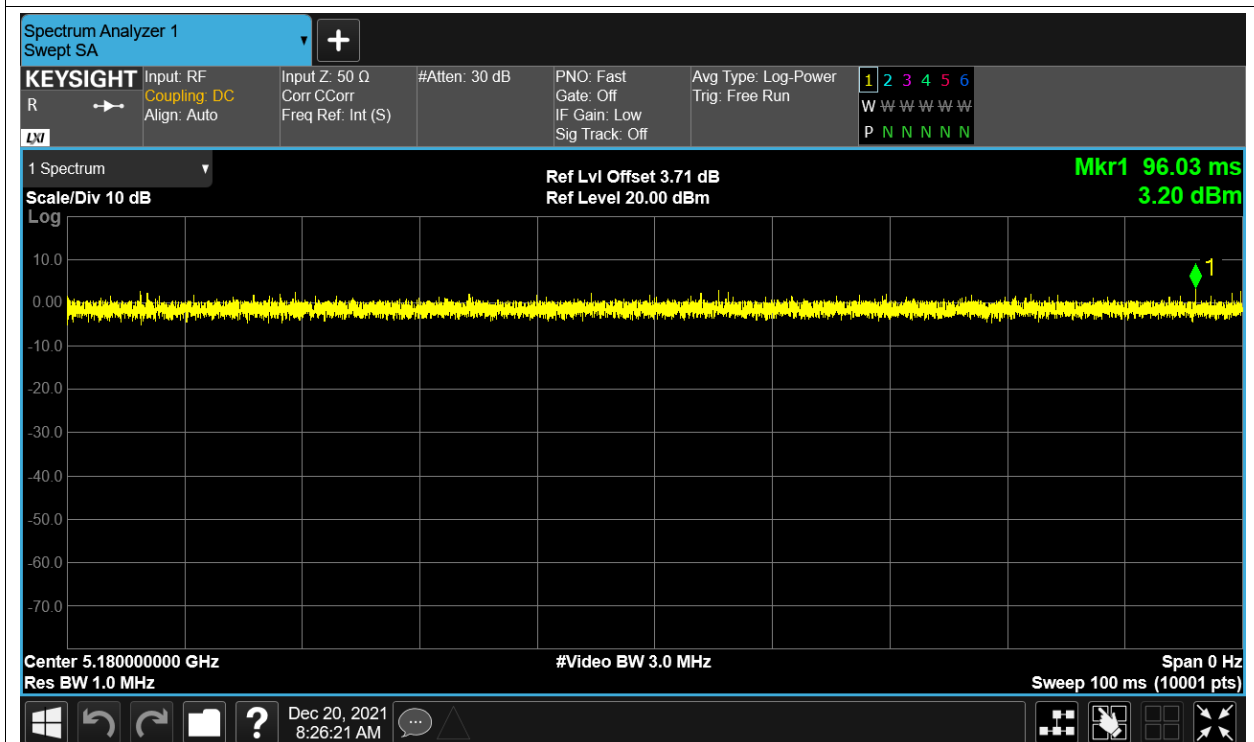
Duty Cycle NVNT a 5200MHz Ant1



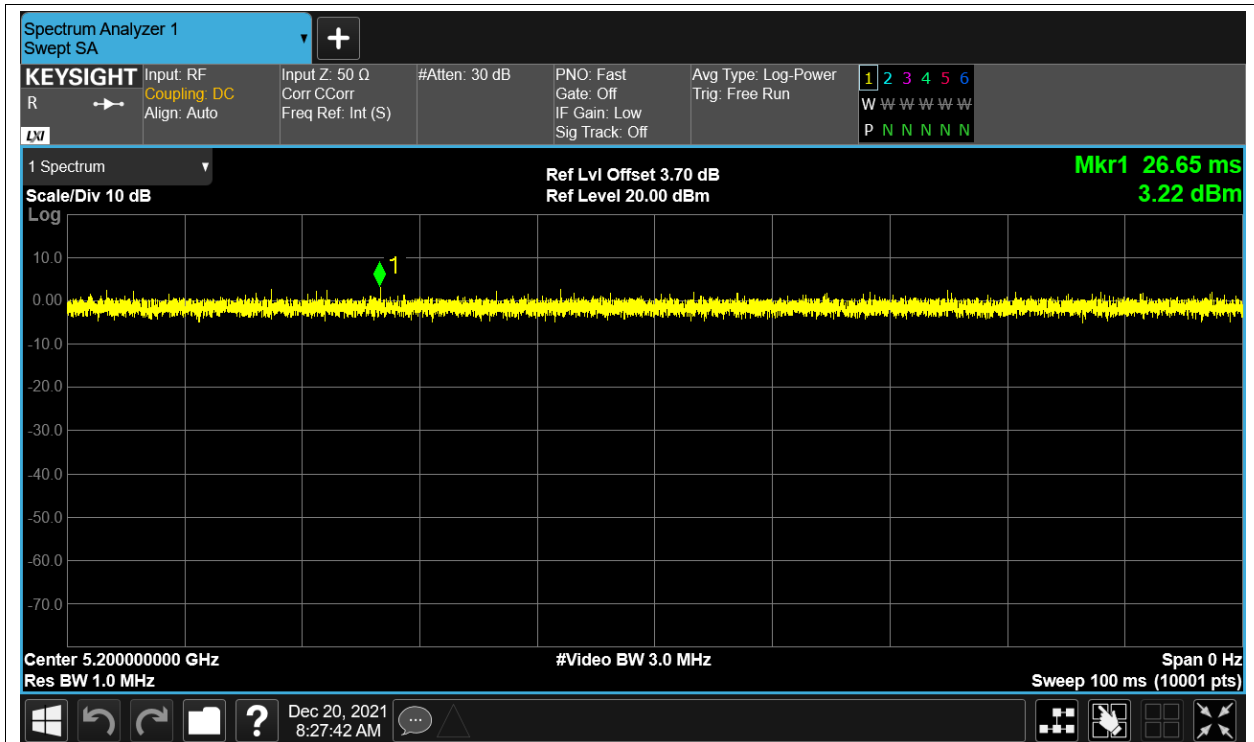
Duty Cycle NVNT a 5240MHz Ant1



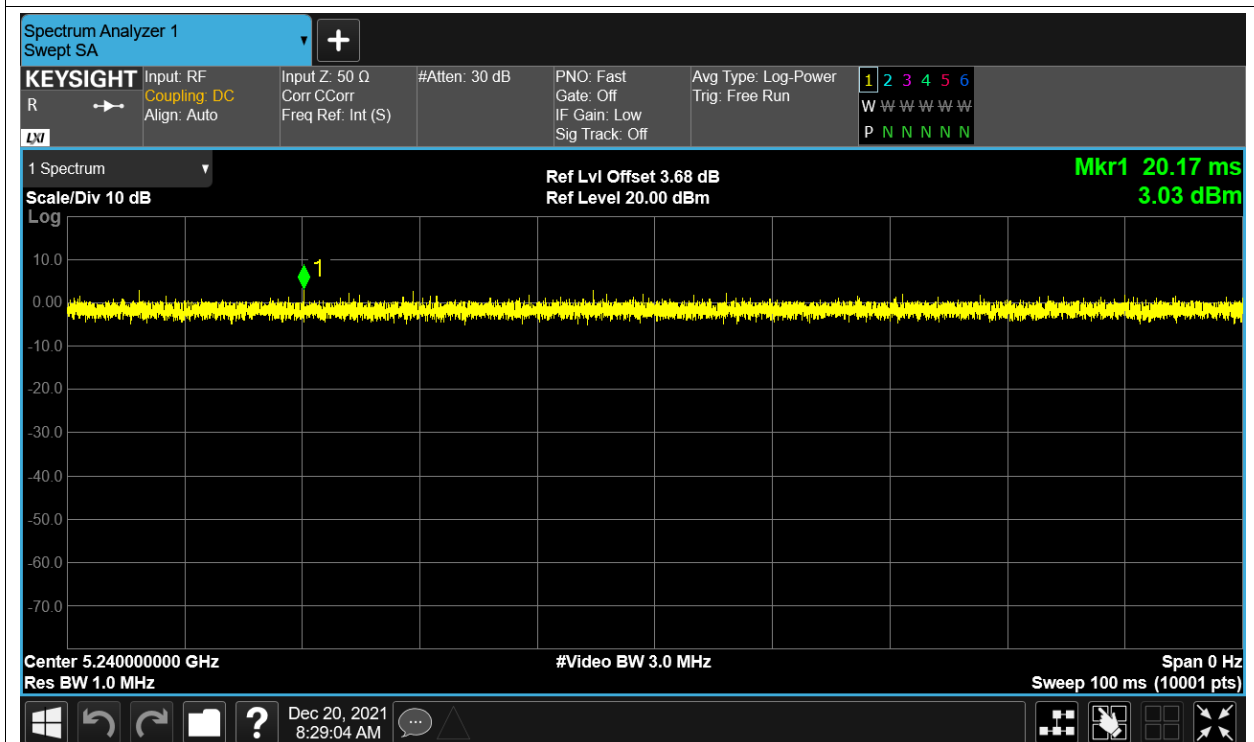
Duty Cycle NVNT ac20 5180MHz Ant1



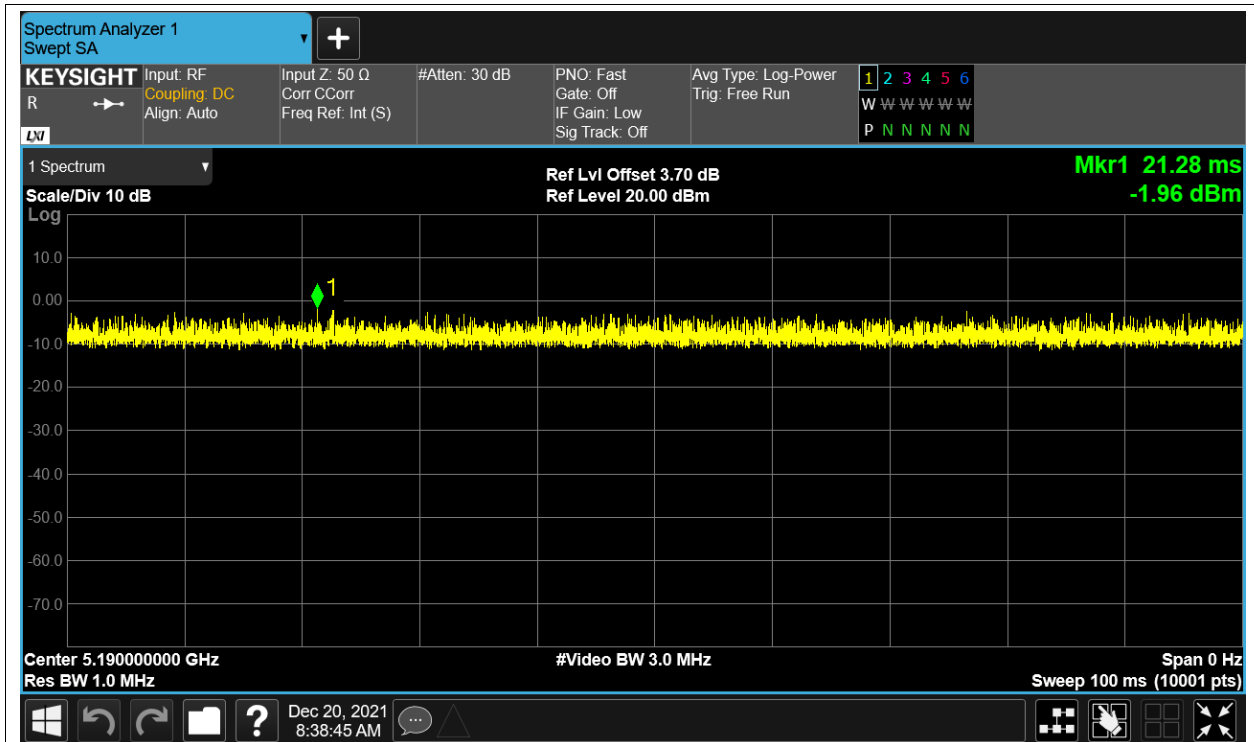
Duty Cycle NVNT ac20 5200MHz Ant1



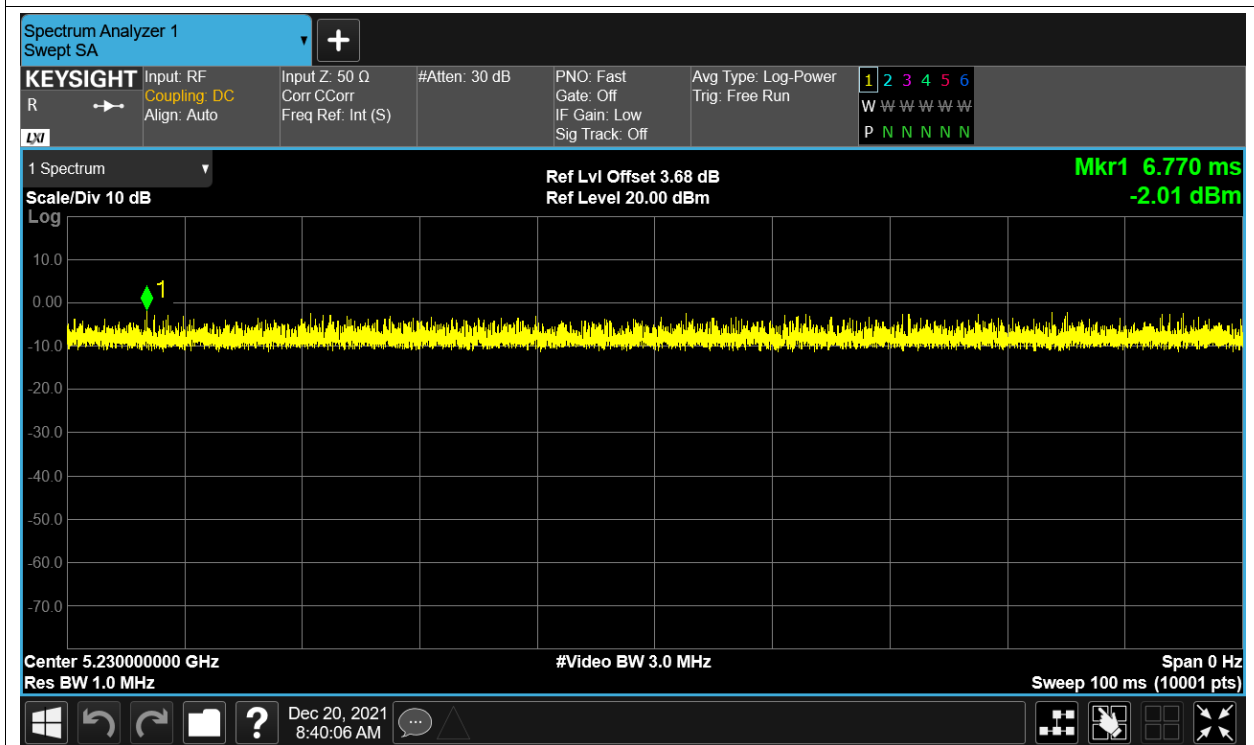
Duty Cycle NVNT ac20 5240MHz Ant1



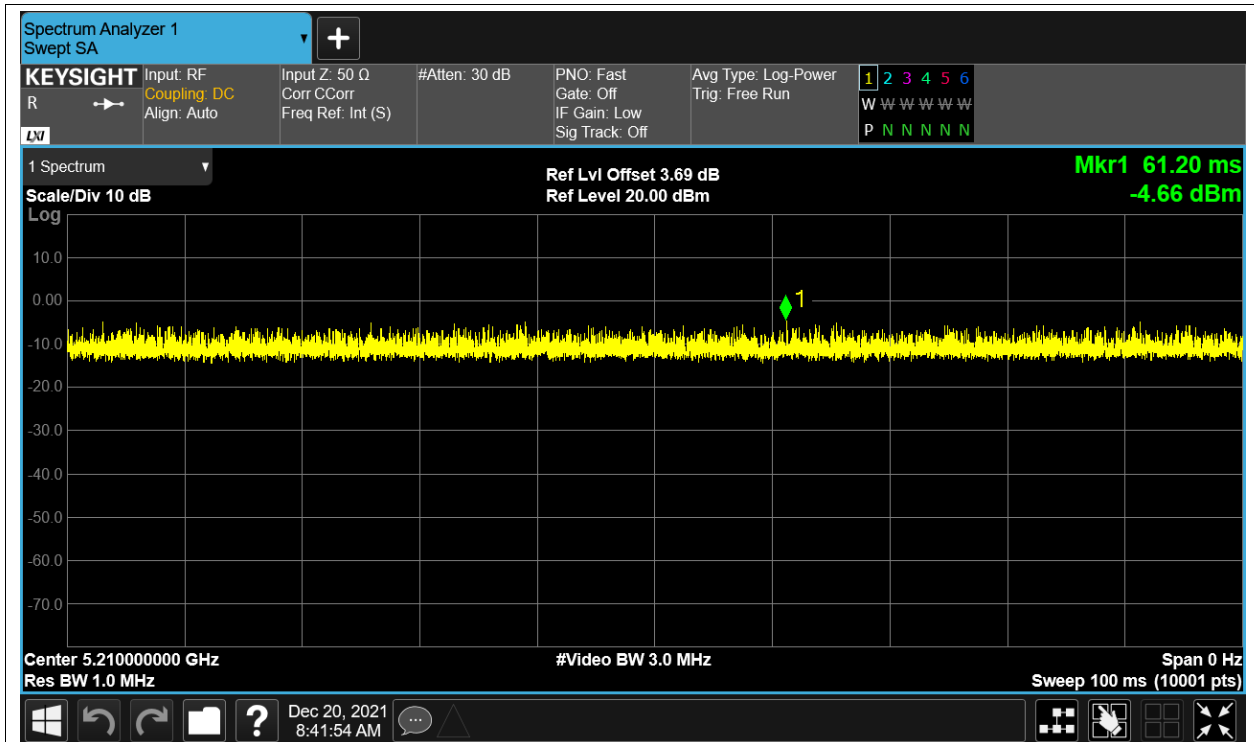
Duty Cycle NVNT ac40 5190MHz Ant1



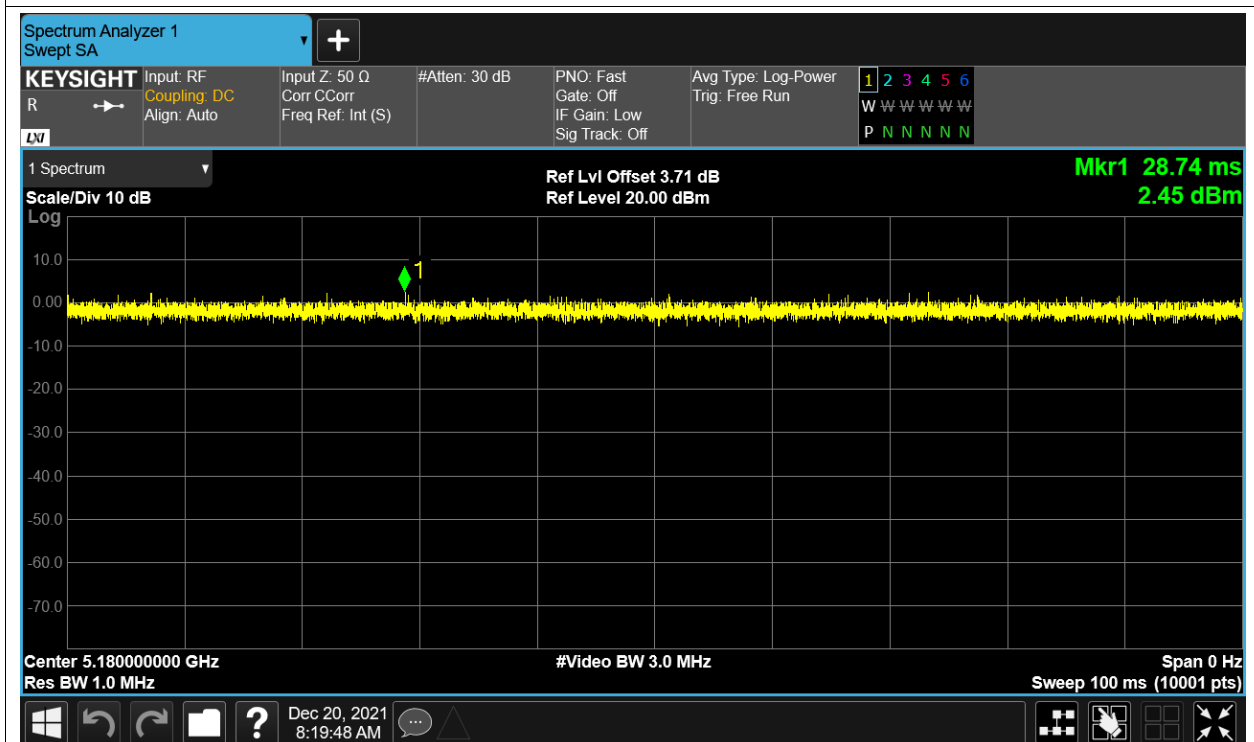
Duty Cycle NVNT ac40 5230MHz Ant1



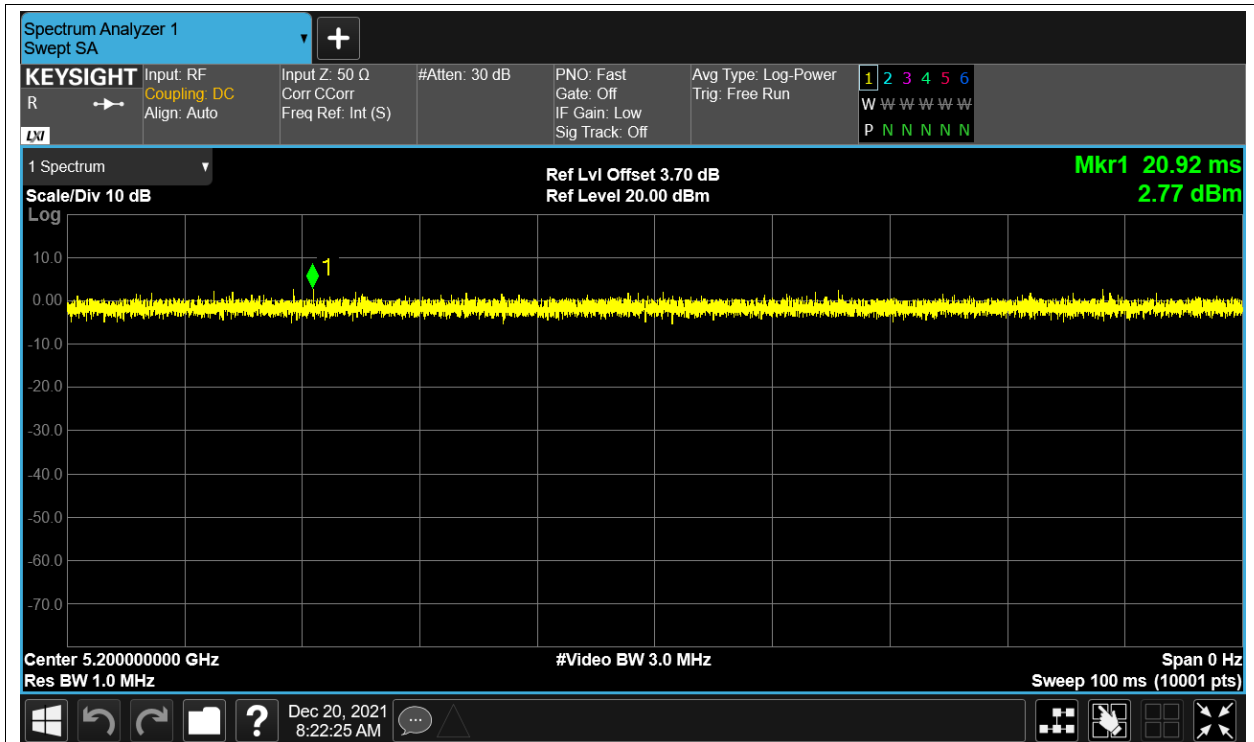
Duty Cycle NVNT ac80 5210MHz Ant1



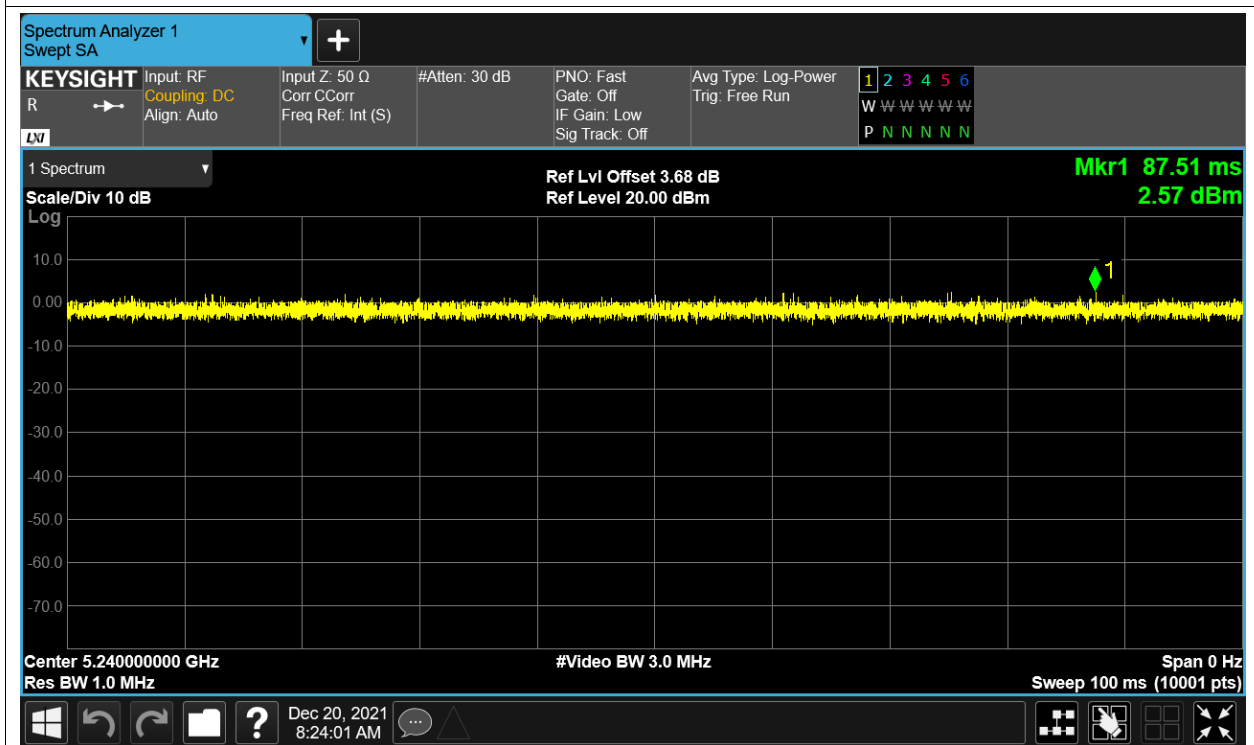
Duty Cycle NVNT n20 5180MHz Ant1



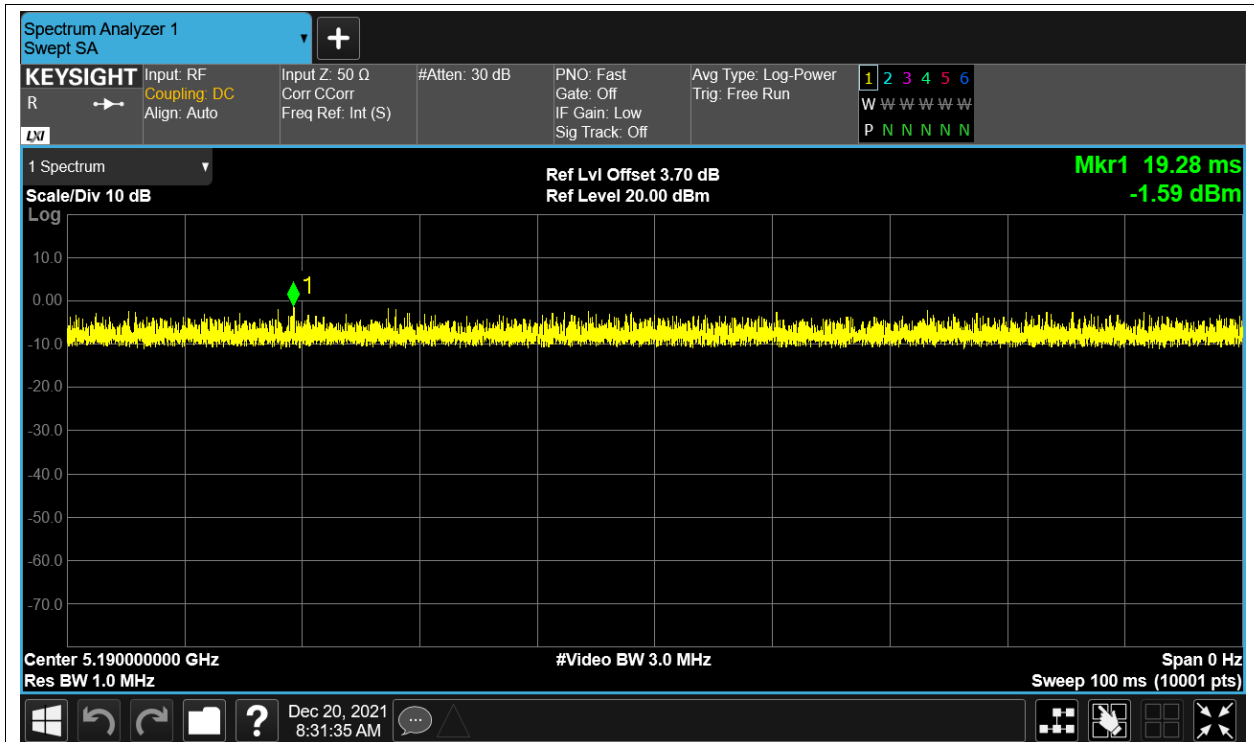
Duty Cycle NVNT n20 5200MHz Ant1



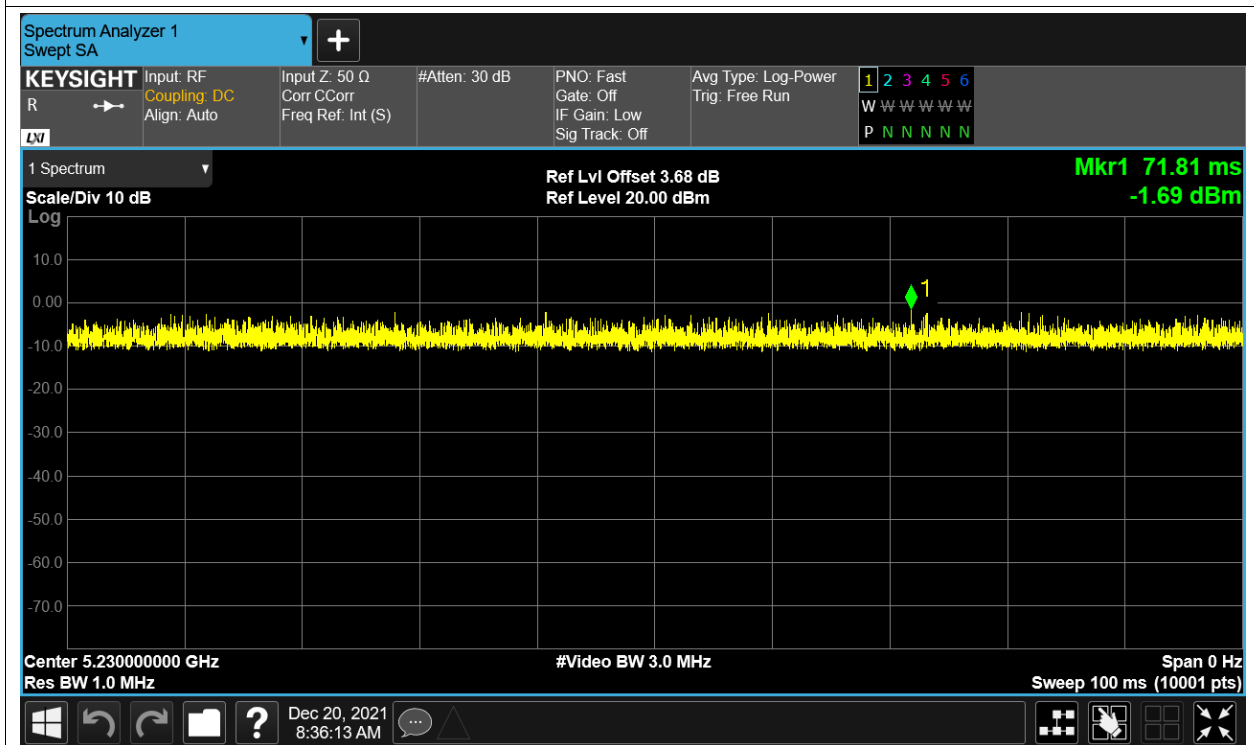
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



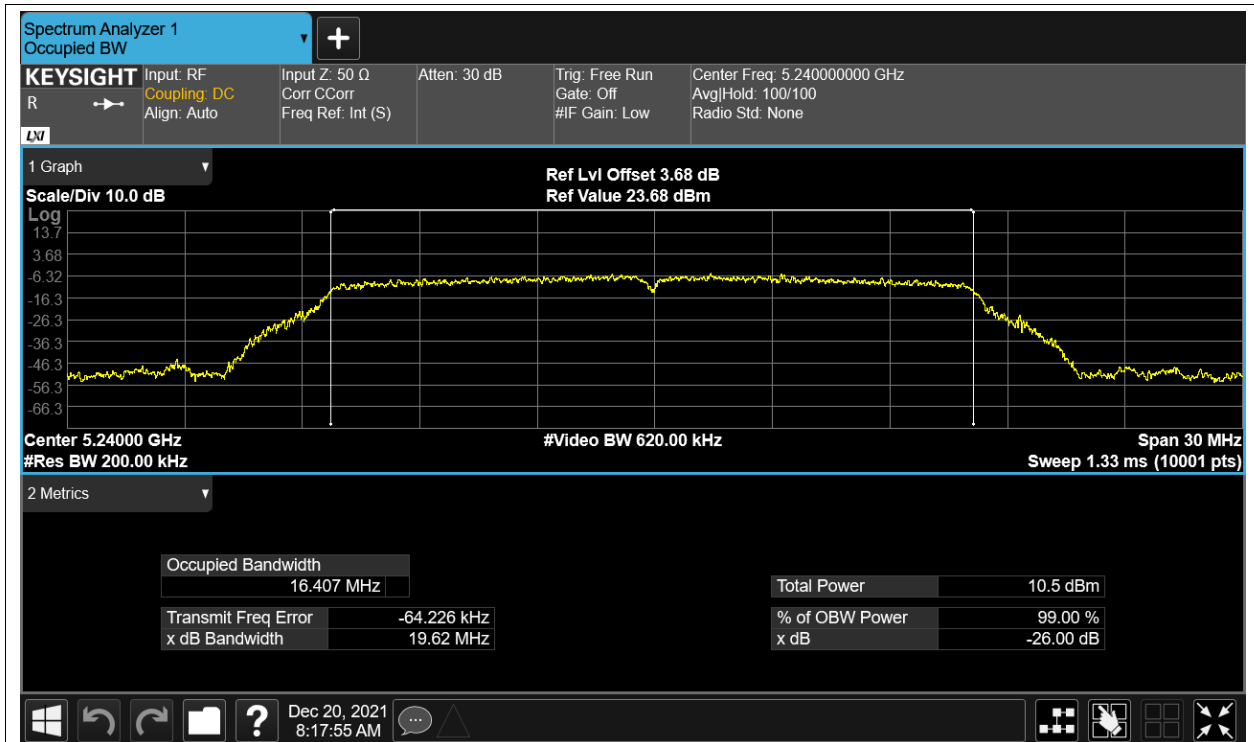
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.51	0	5.51	24	Pass
NVNT	a	5200	Ant1	5.42	0	5.42	24	Pass
NVNT	a	5240	Ant1	5.75	0	5.75	24	Pass
NVNT	ac20	5180	Ant1	5.55	0	5.55	24	Pass
NVNT	ac20	5200	Ant1	5.15	0	5.15	24	Pass
NVNT	ac20	5240	Ant1	5.48	0	5.48	24	Pass
NVNT	ac40	5190	Ant1	5.11	0	5.11	24	Pass
NVNT	ac40	5230	Ant1	5.6	0	5.6	24	Pass
NVNT	ac80	5210	Ant1	5.47	0	5.47	24	Pass
NVNT	n20	5180	Ant1	5.35	0	5.35	24	Pass
NVNT	n20	5200	Ant1	5.16	0	5.16	24	Pass
NVNT	n20	5240	Ant1	5.49	0	5.49	24	Pass
NVNT	n40	5190	Ant1	5.37	0	5.37	24	Pass
NVNT	n40	5230	Ant1	5.59	0	5.59	24	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.40065057
NVNT	a	5200	Ant1	16.40567921
NVNT	a	5240	Ant1	16.4068591
NVNT	ac20	5180	Ant1	17.53145726
NVNT	ac20	5200	Ant1	17.53946941
NVNT	ac20	5240	Ant1	17.55665585
NVNT	ac40	5190	Ant1	35.96246113
NVNT	ac40	5230	Ant1	35.96615083
NVNT	ac80	5210	Ant1	75.18888536
NVNT	n20	5180	Ant1	17.55826529
NVNT	n20	5200	Ant1	17.55988043
NVNT	n20	5240	Ant1	17.55731144
NVNT	n40	5190	Ant1	36.00094927
NVNT	n40	5230	Ant1	35.94131384

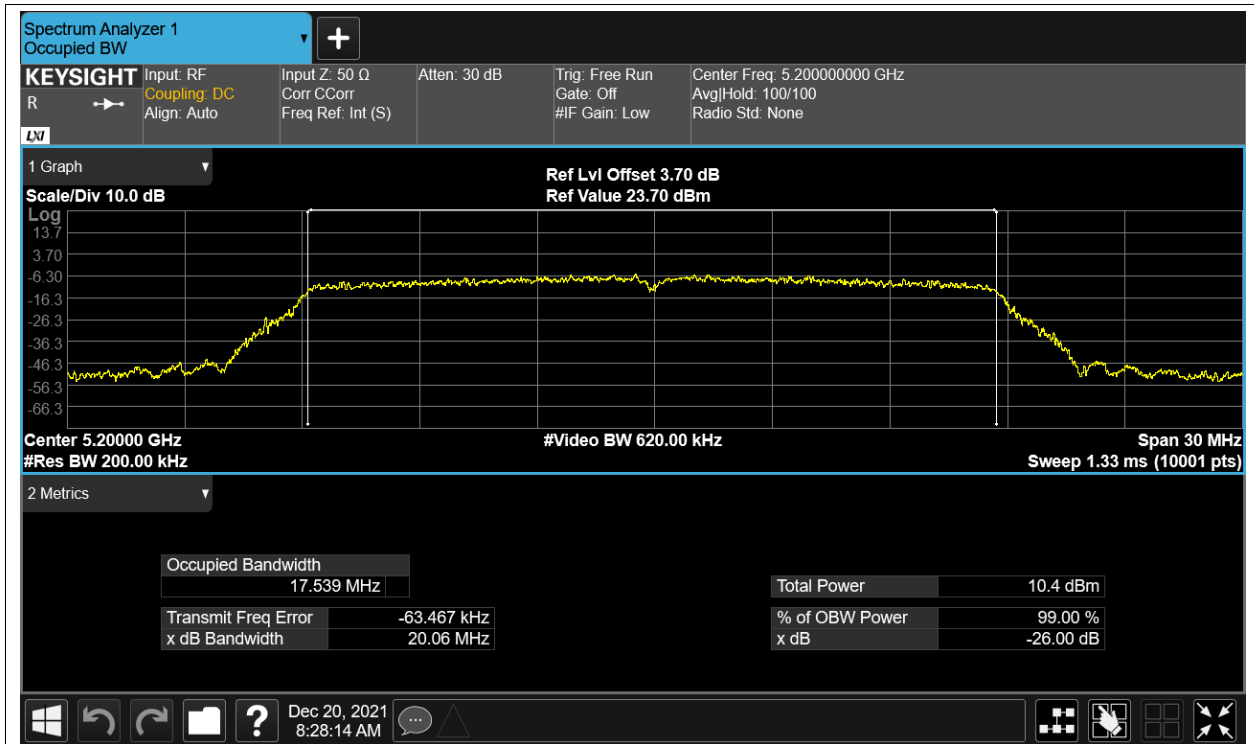




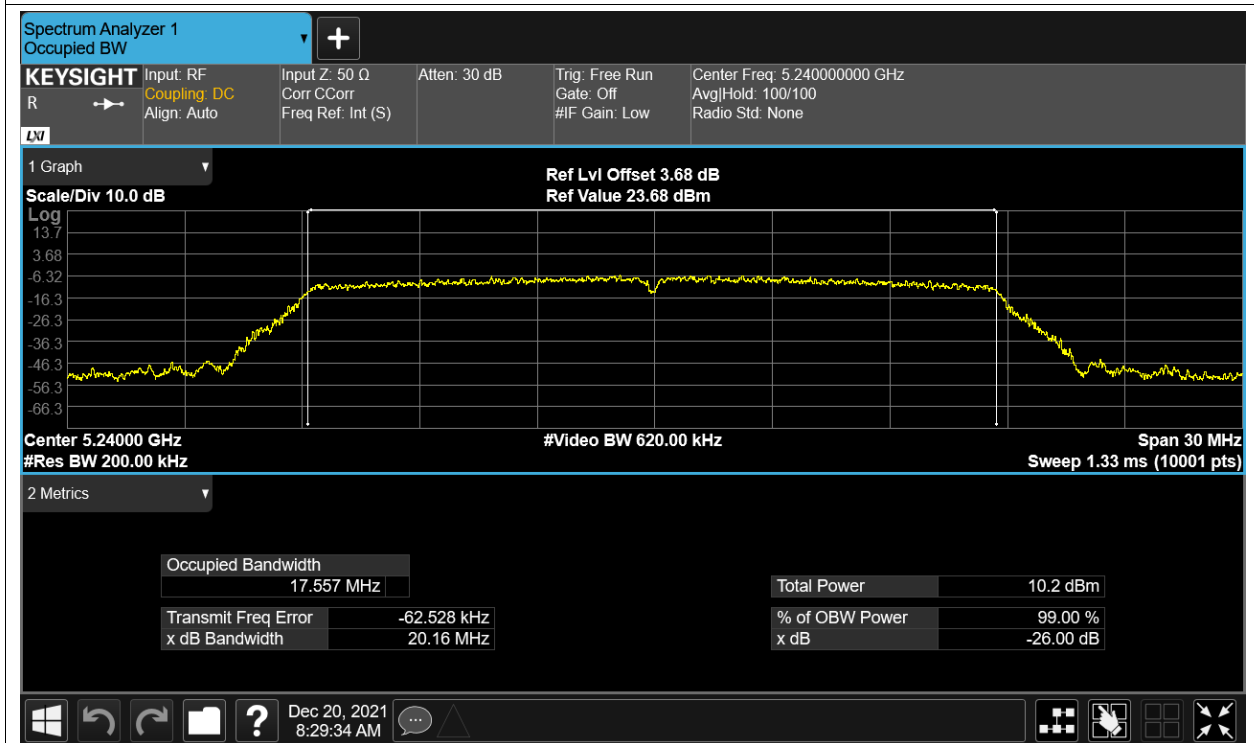
OBW NVNT ac20 5180MHz Ant1



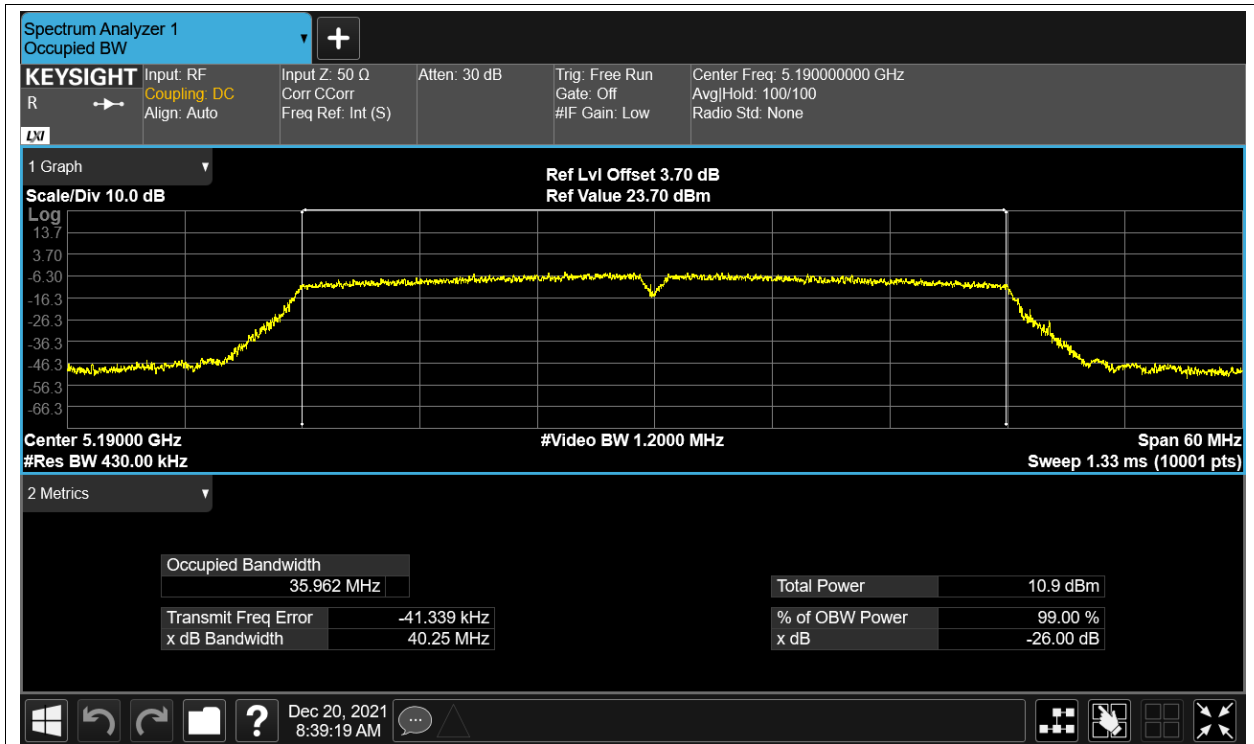
OBW NVNT ac20 5200MHz Ant1



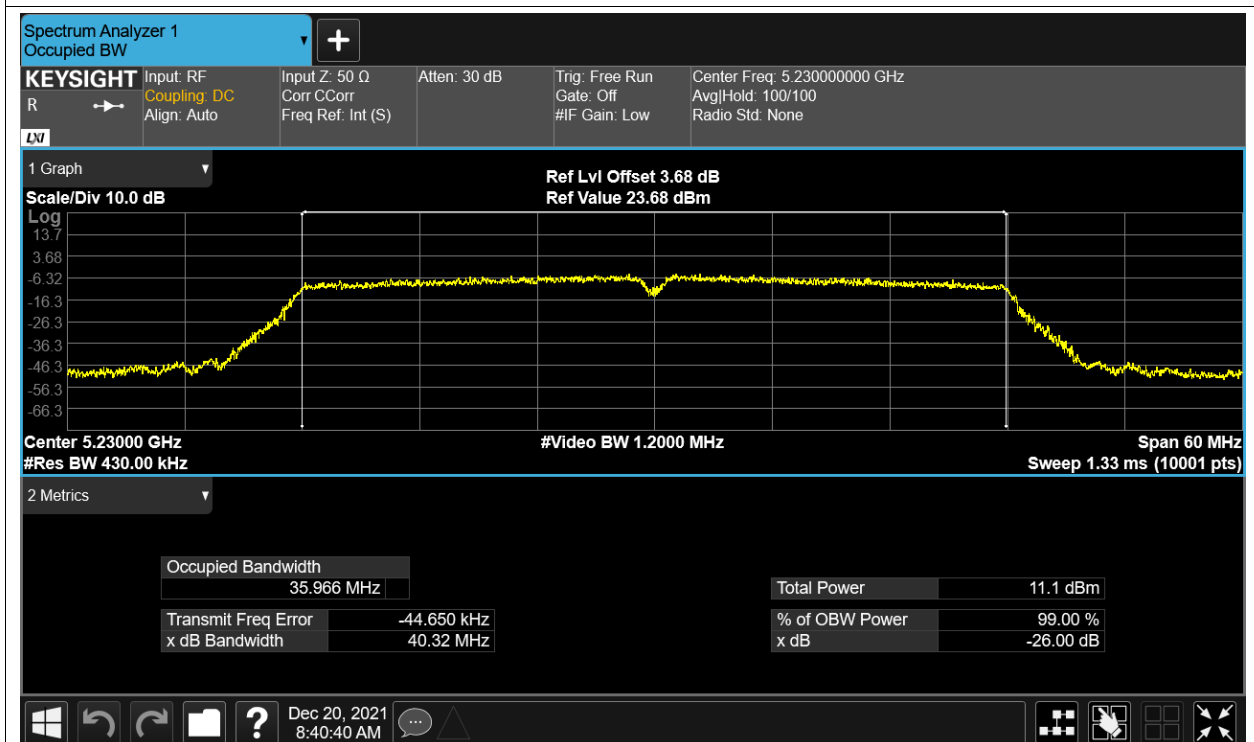
OBW NVNT ac20 5240MHz Ant1



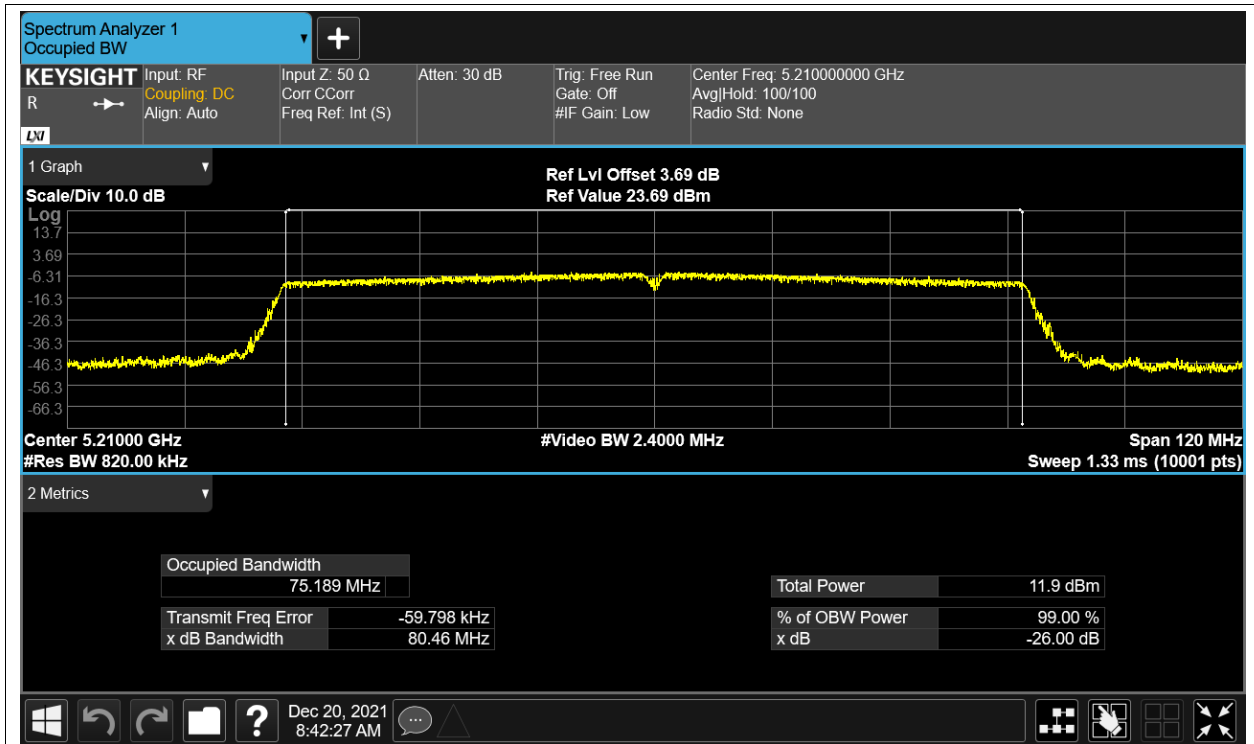
OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1



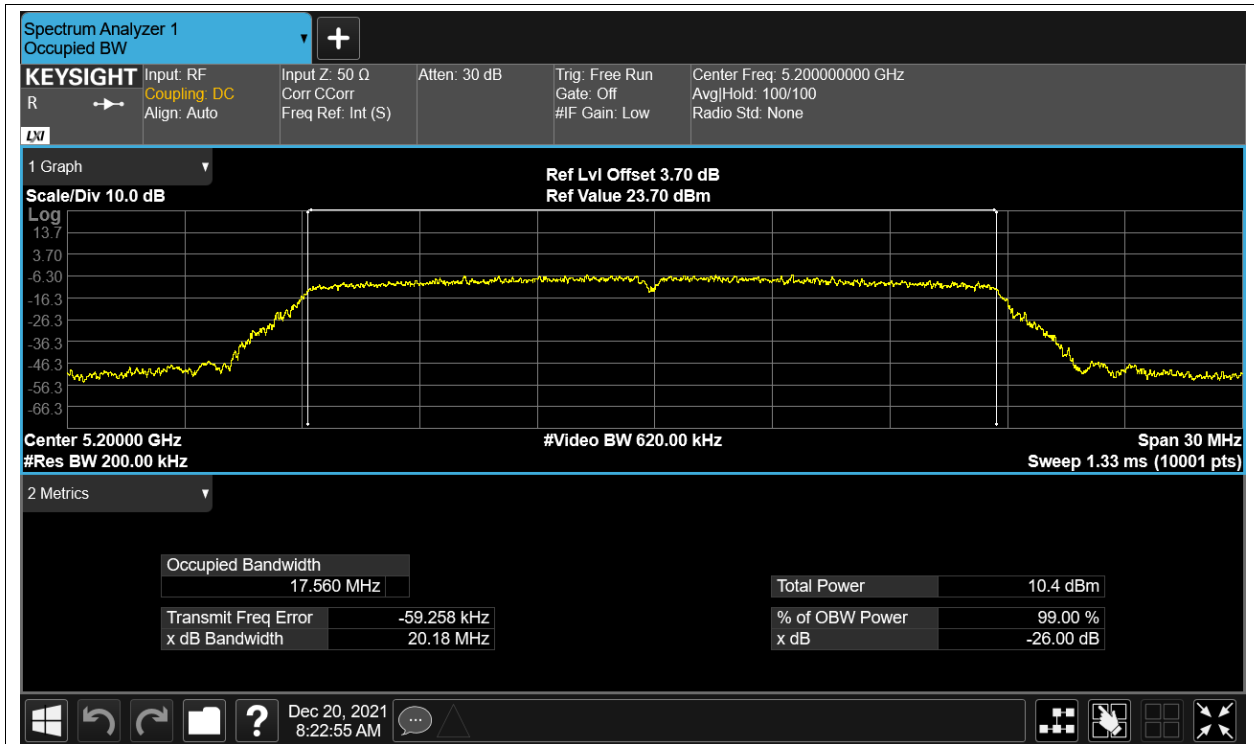
OBW NVNT ac80 5210MHz Ant1



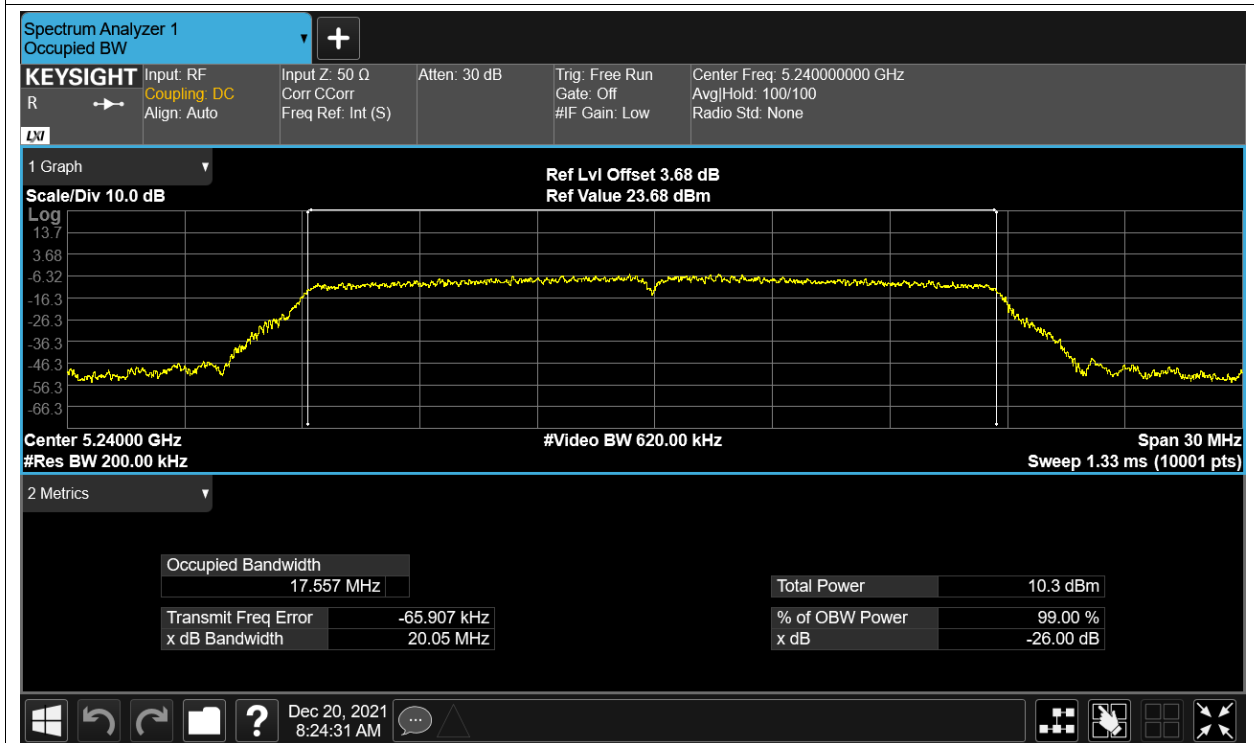
OBW NVNT n20 5180MHz Ant1



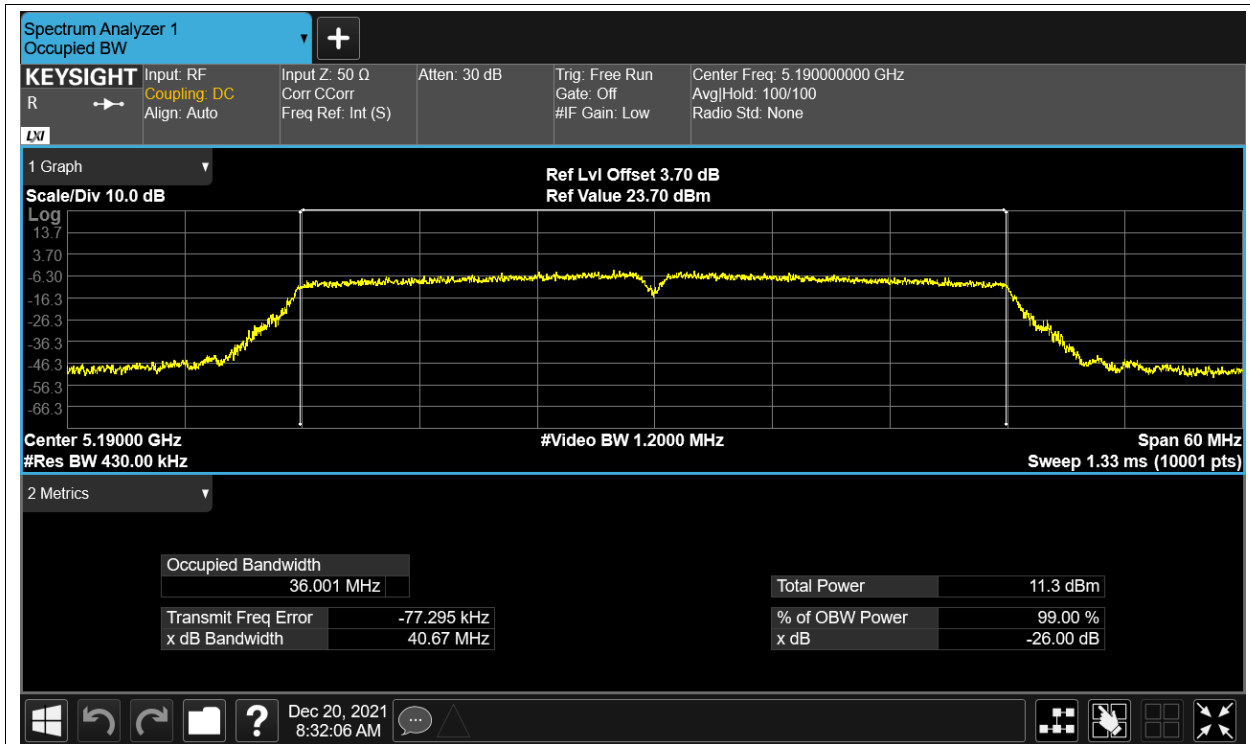
OBW NVNT n20 5200MHz Ant1



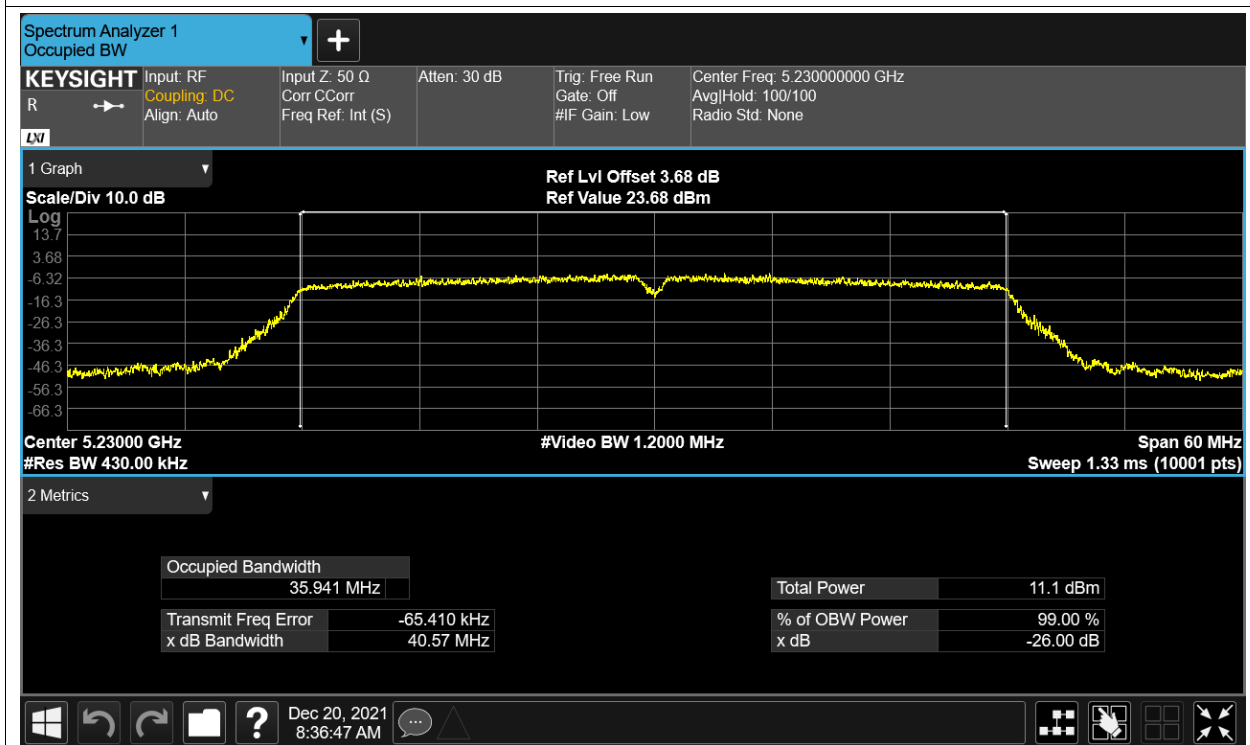
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

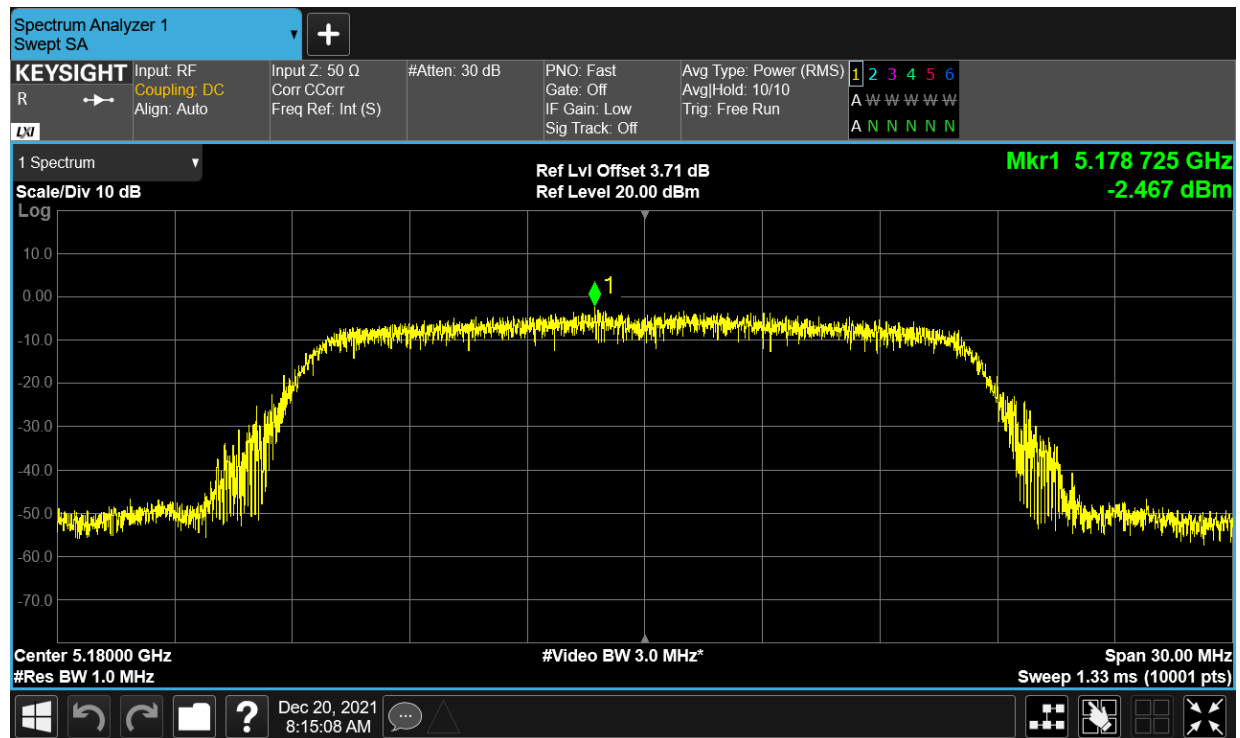


Maximum Power Spectral Density Level

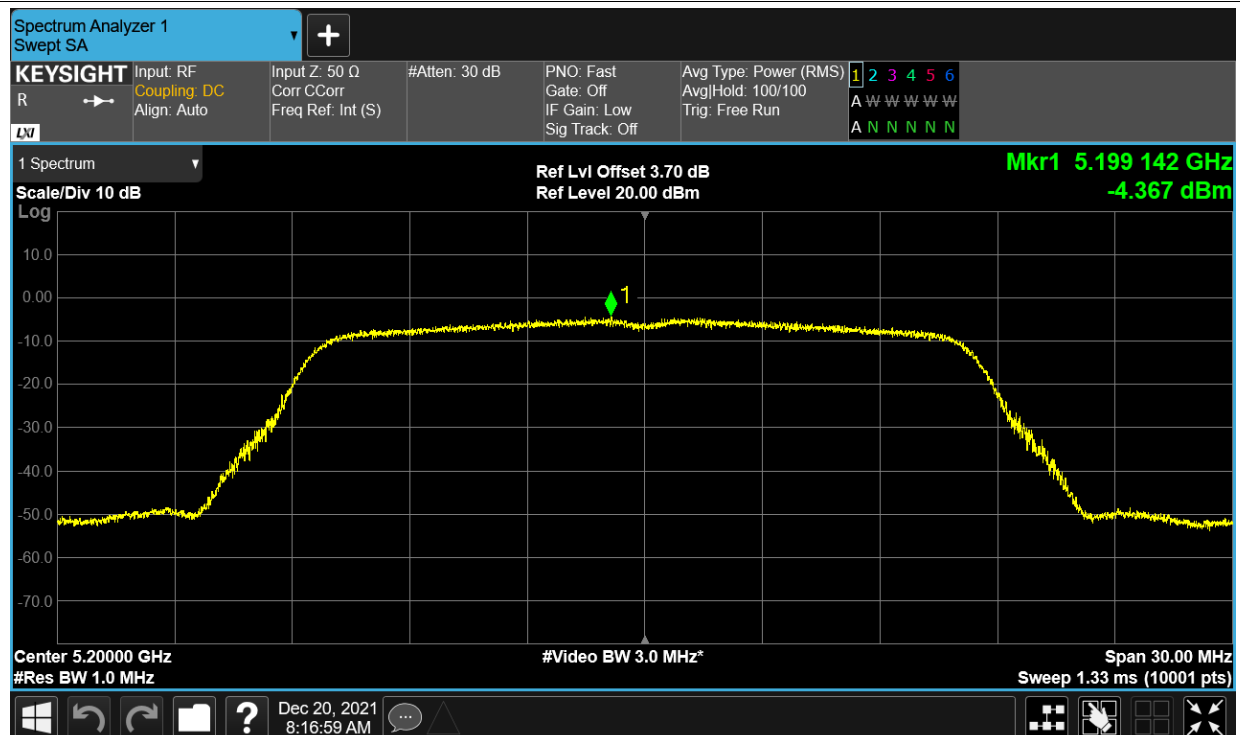
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-2.467	11	Pass
NVNT	a	5200	Ant1	-4.367	11	Pass
NVNT	a	5240	Ant1	-4.629	11	Pass
NVNT	ac20	5180	Ant1	-4.993	11	Pass
NVNT	ac20	5200	Ant1	-4.981	11	Pass
NVNT	ac20	5240	Ant1	-5.125	11	Pass
NVNT	ac40	5190	Ant1	-7.461	11	Pass
NVNT	ac40	5230	Ant1	-7.452	11	Pass
NVNT	ac80	5210	Ant1	-10.17	11	Pass
NVNT	n20	5180	Ant1	-5.105	11	Pass
NVNT	n20	5200	Ant1	-4.783	11	Pass
NVNT	n20	5240	Ant1	-5.065	11	Pass
NVNT	n40	5190	Ant1	-6.898	11	Pass
NVNT	n40	5230	Ant1	-7.195	11	Pass

Test Graphs

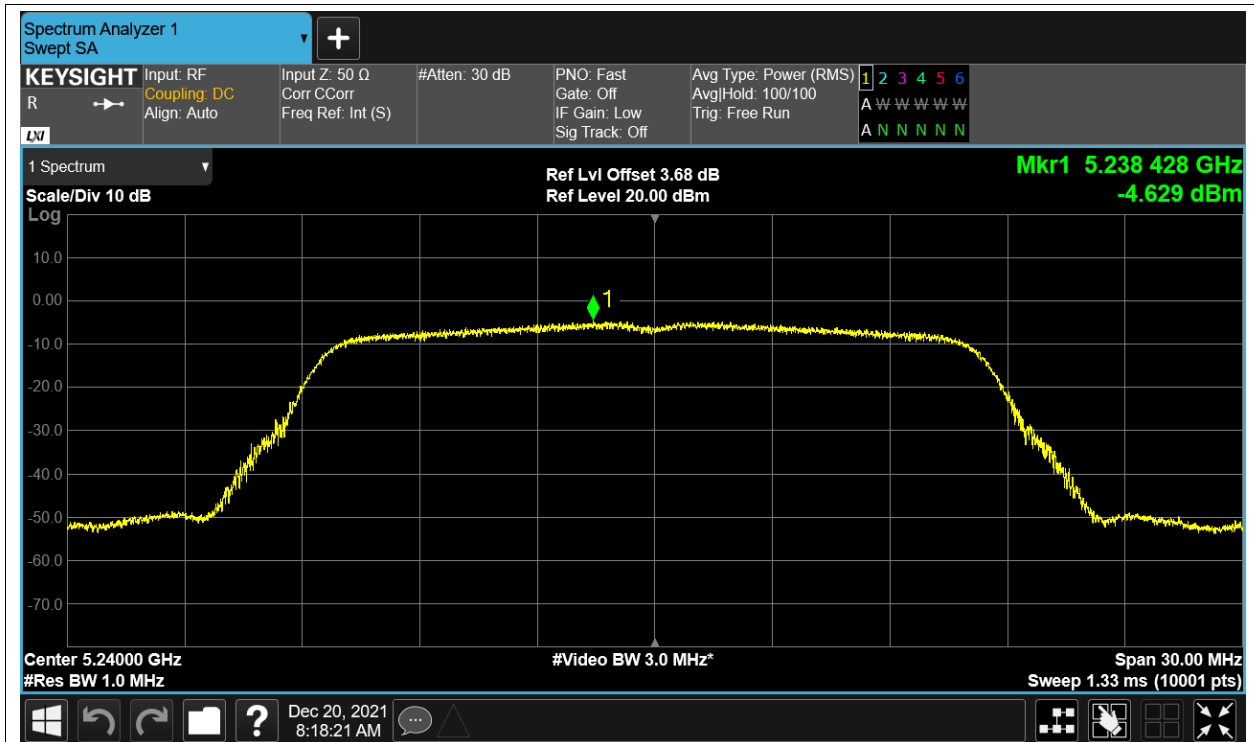
PSD NVNT a 5180MHz Ant1



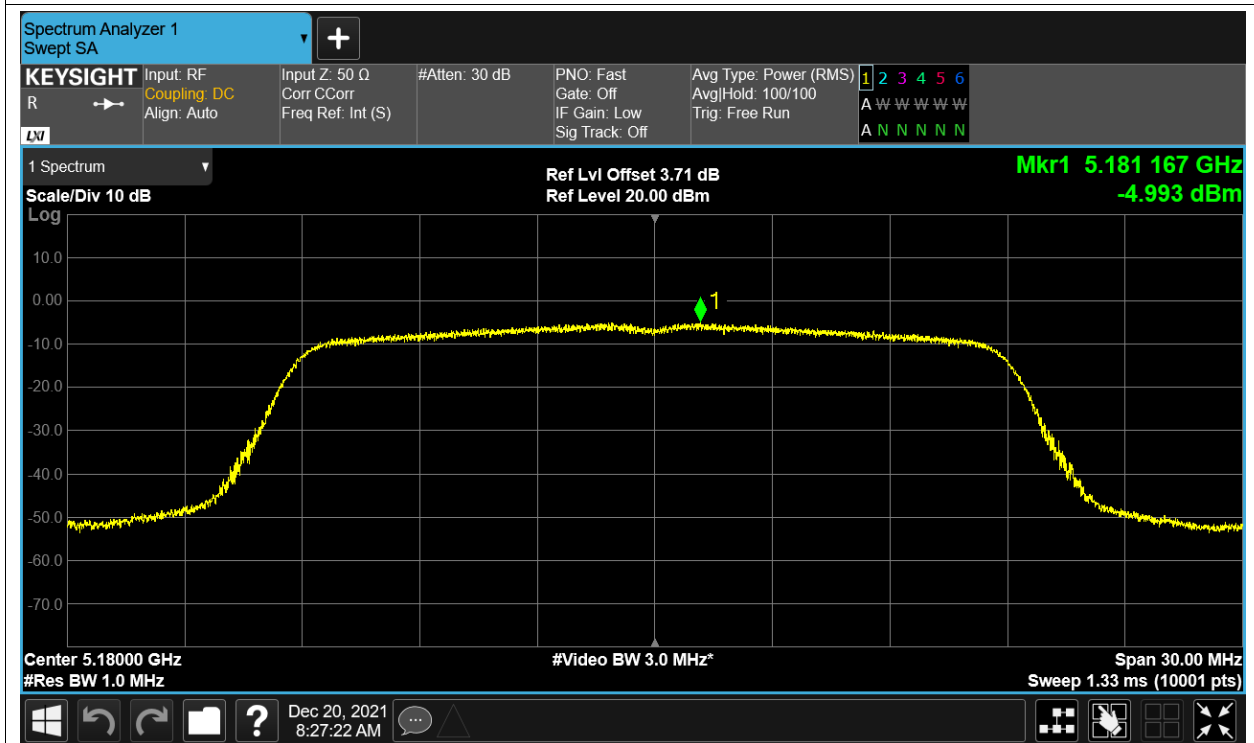
PSD NVNT a 5200MHz Ant1



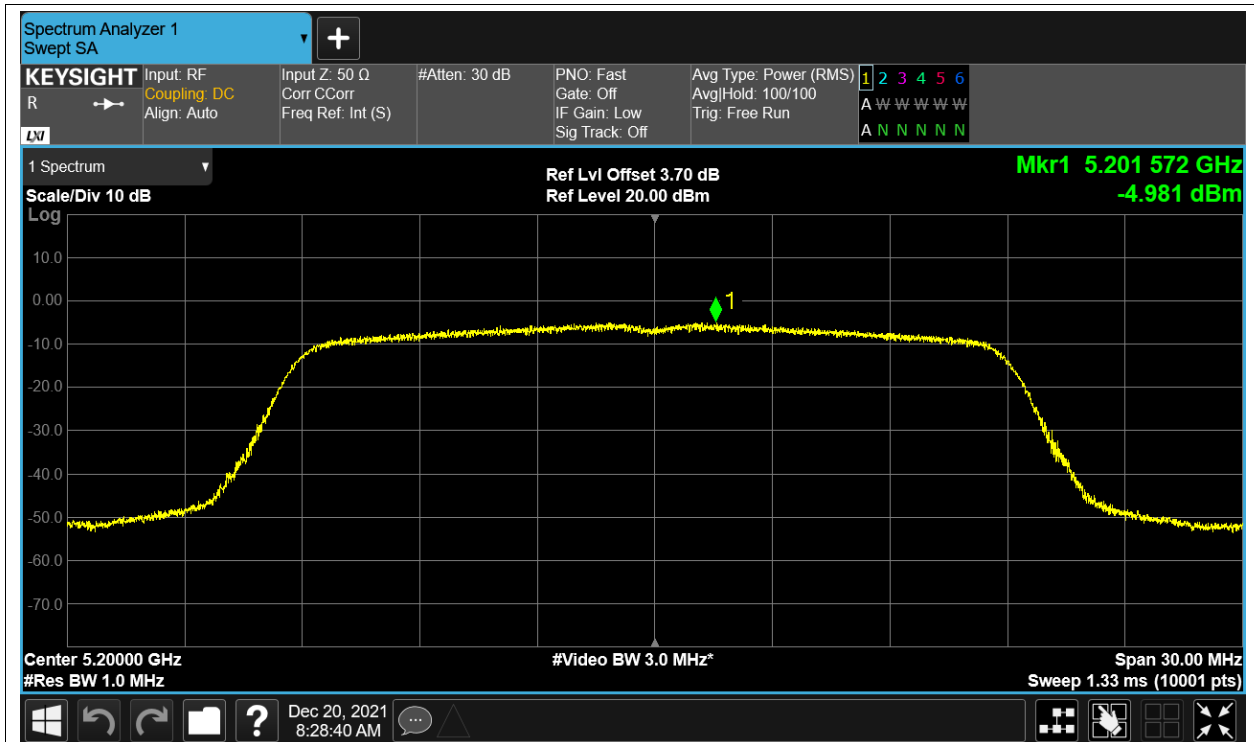
PSD NVNT a 5240MHz Ant1



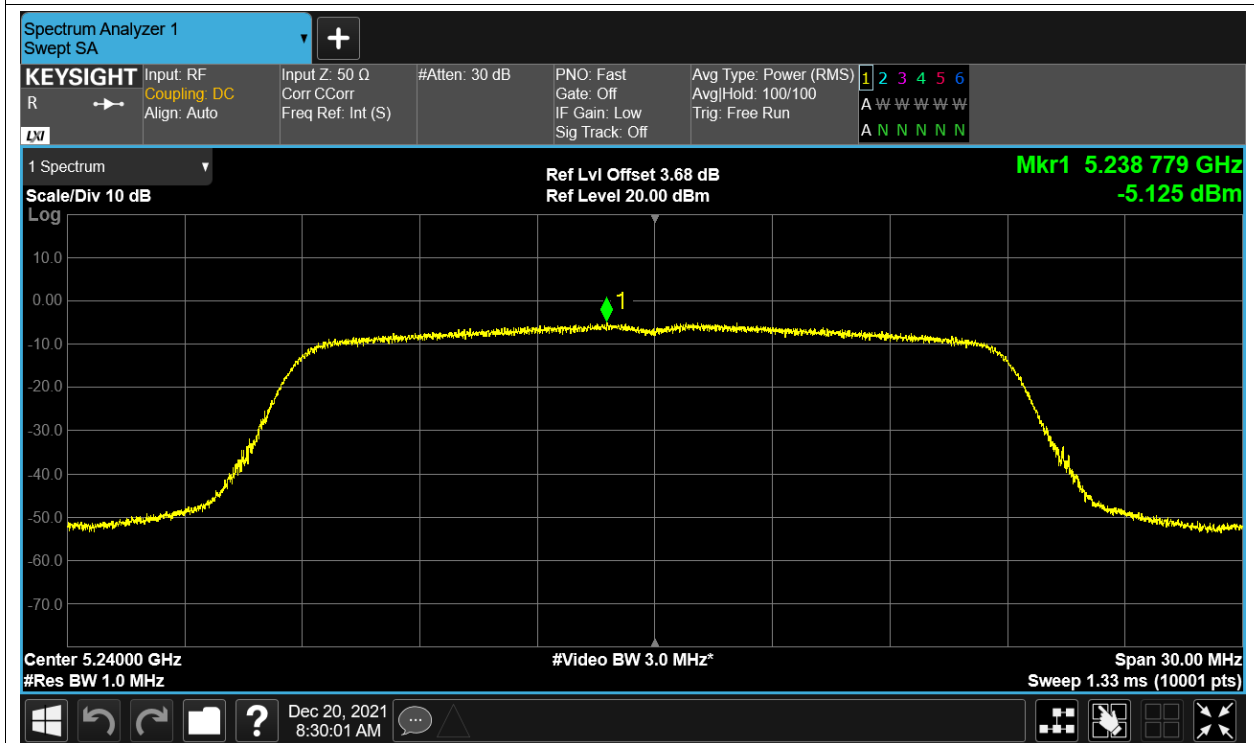
PSD NVNT ac20 5180MHz Ant1



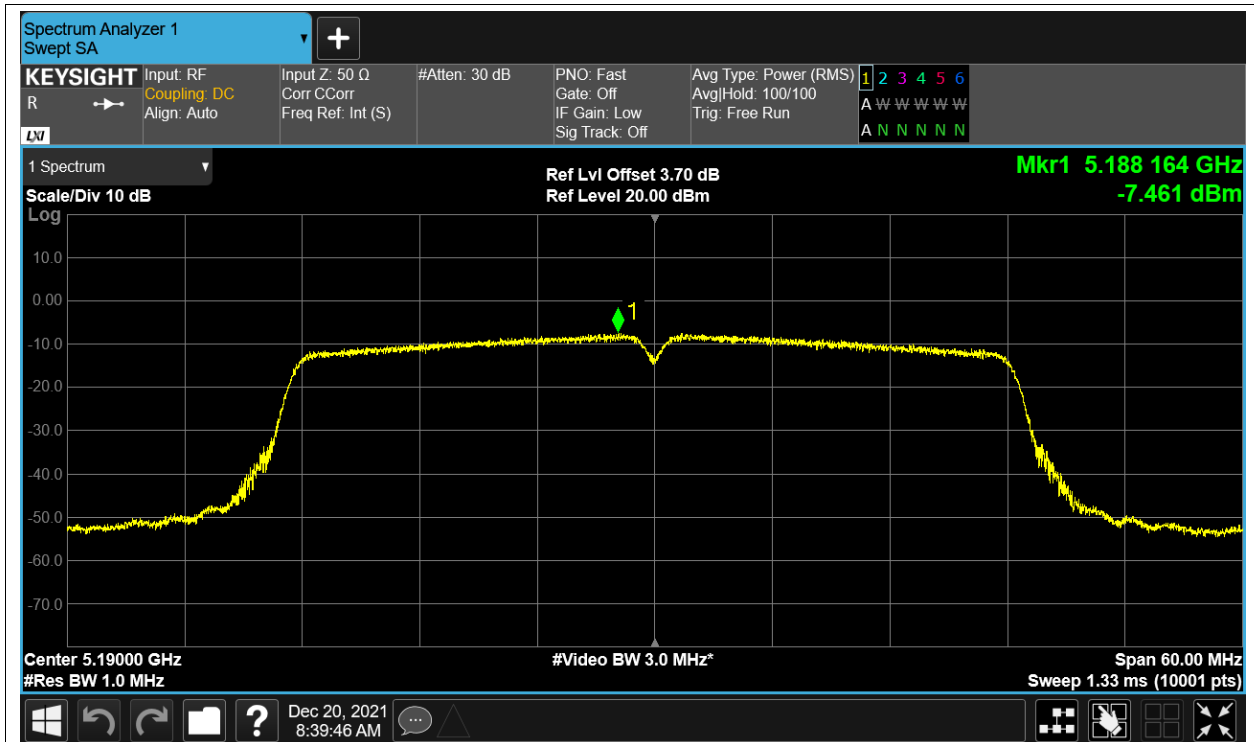
PSD NVNT ac20 5200MHz Ant1



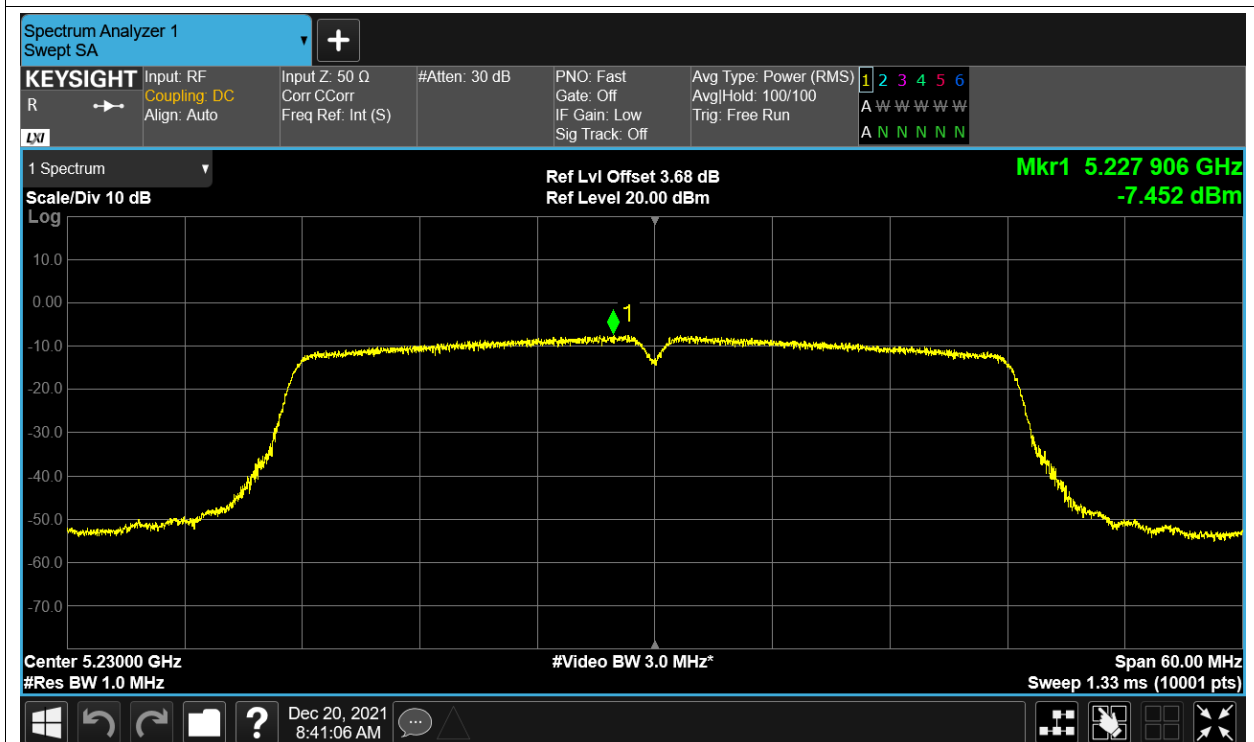
PSD NVNT ac20 5240MHz Ant1



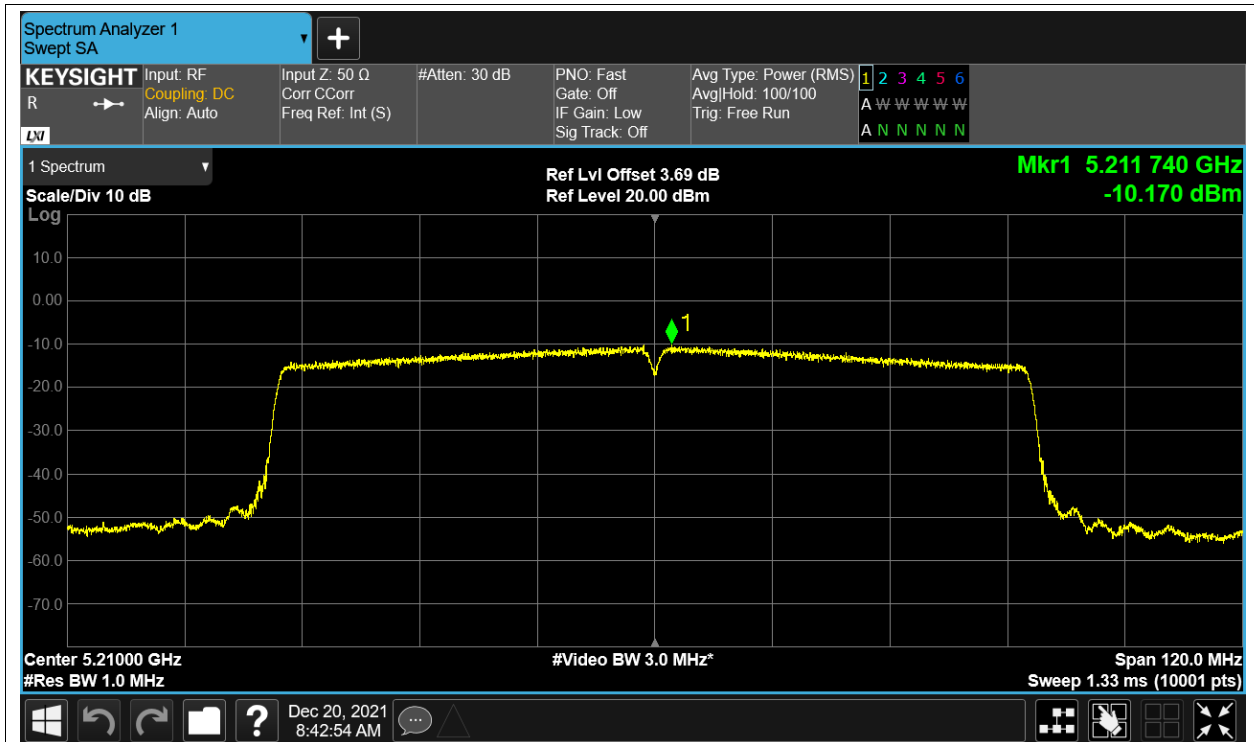
PSD NVNT ac40 5190MHz Ant1



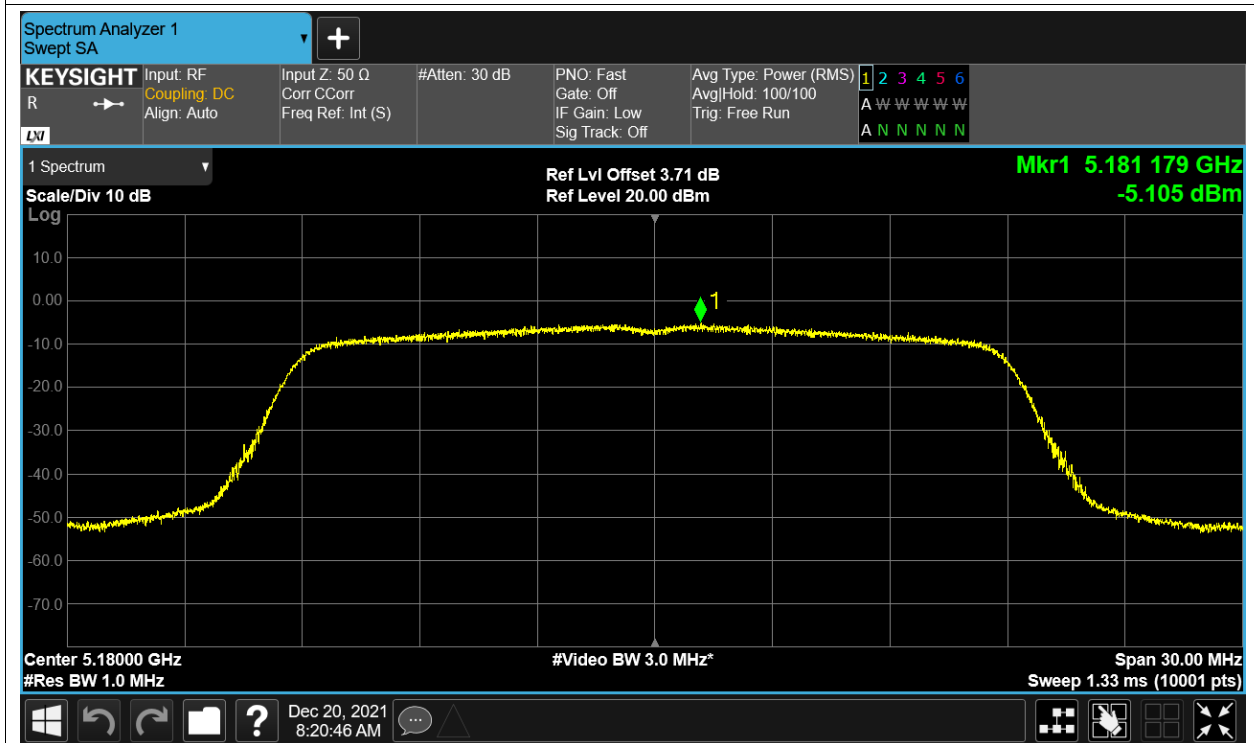
PSD NVNT ac40 5230MHz Ant1



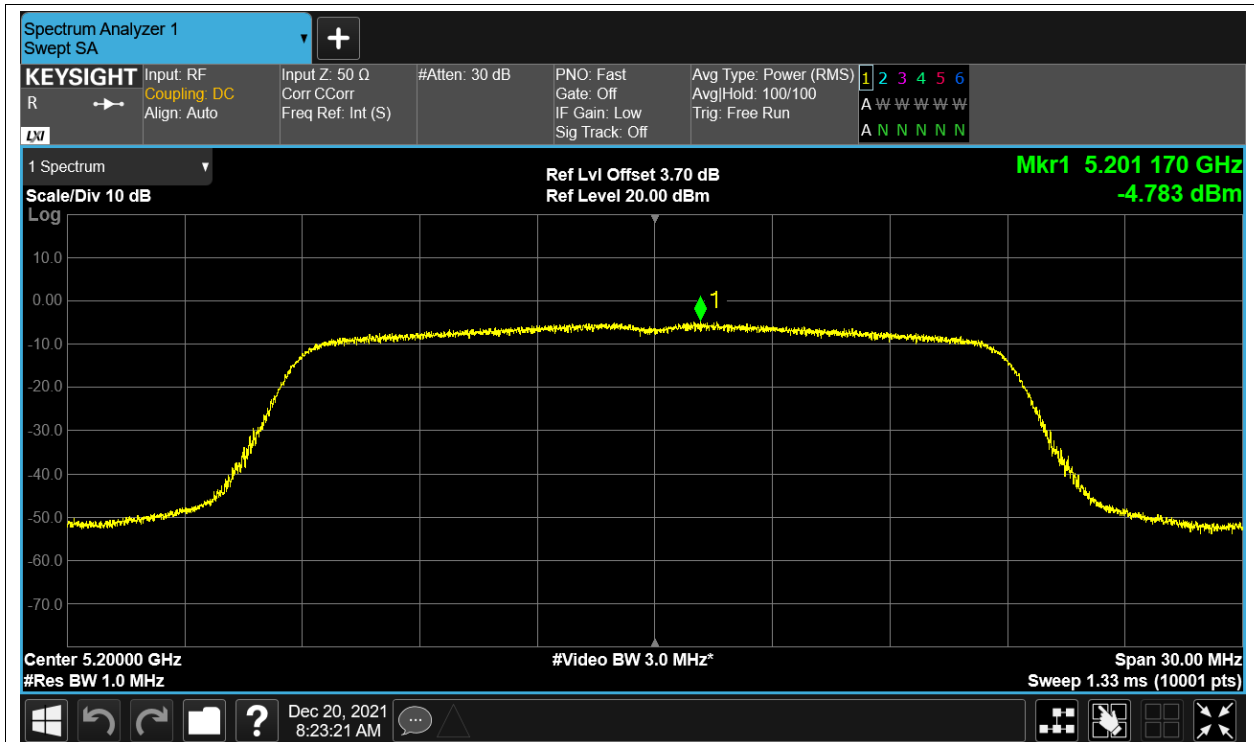
PSD NVNT ac80 5210MHz Ant1



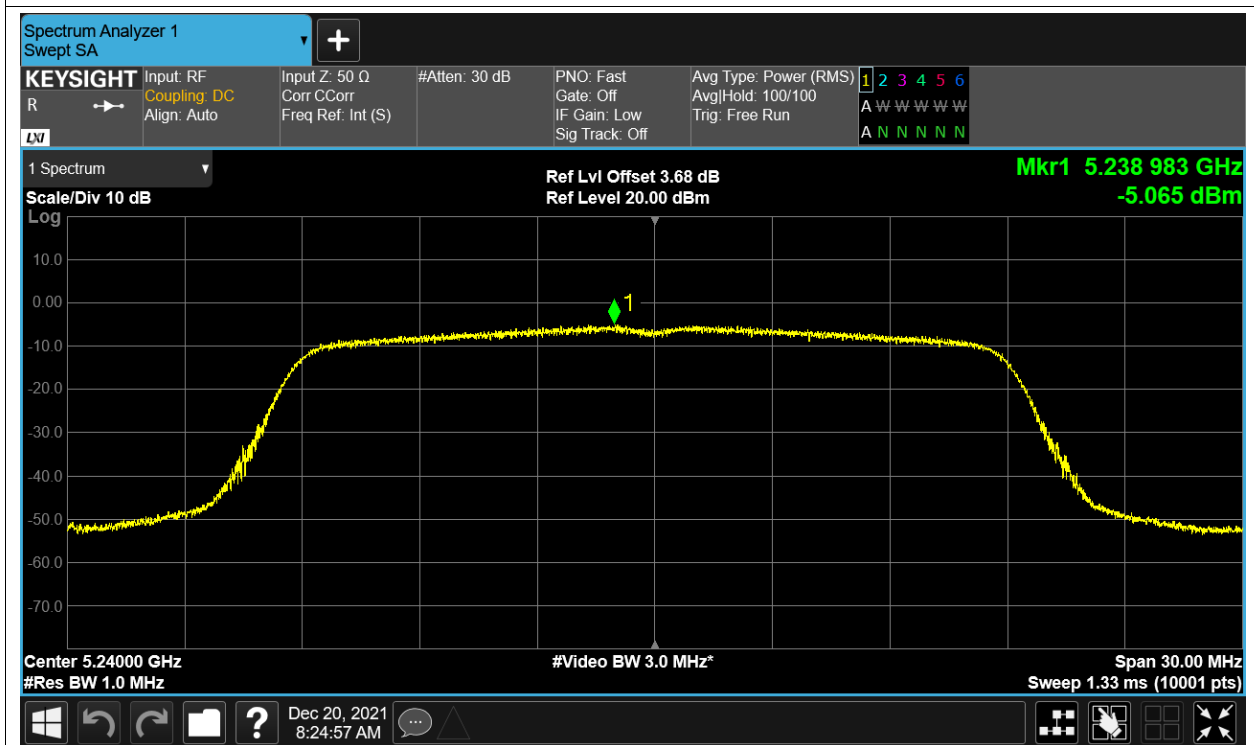
PSD NVNT n20 5180MHz Ant1



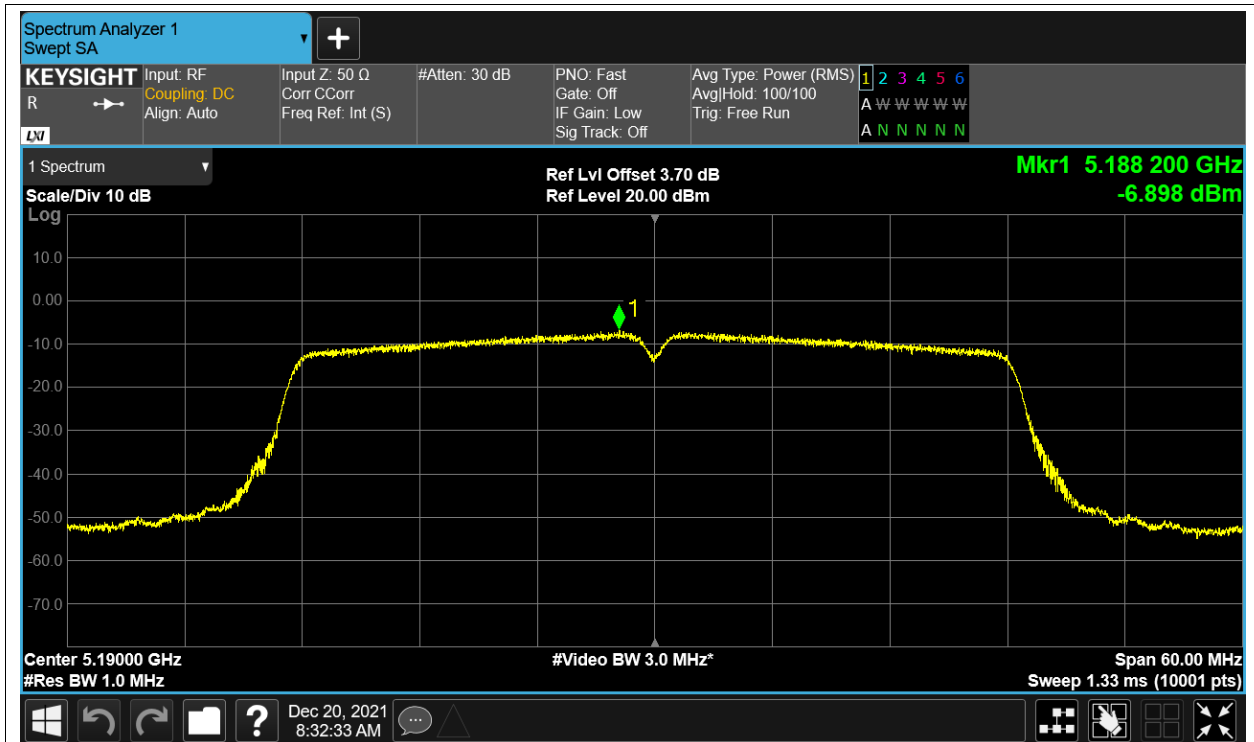
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

