

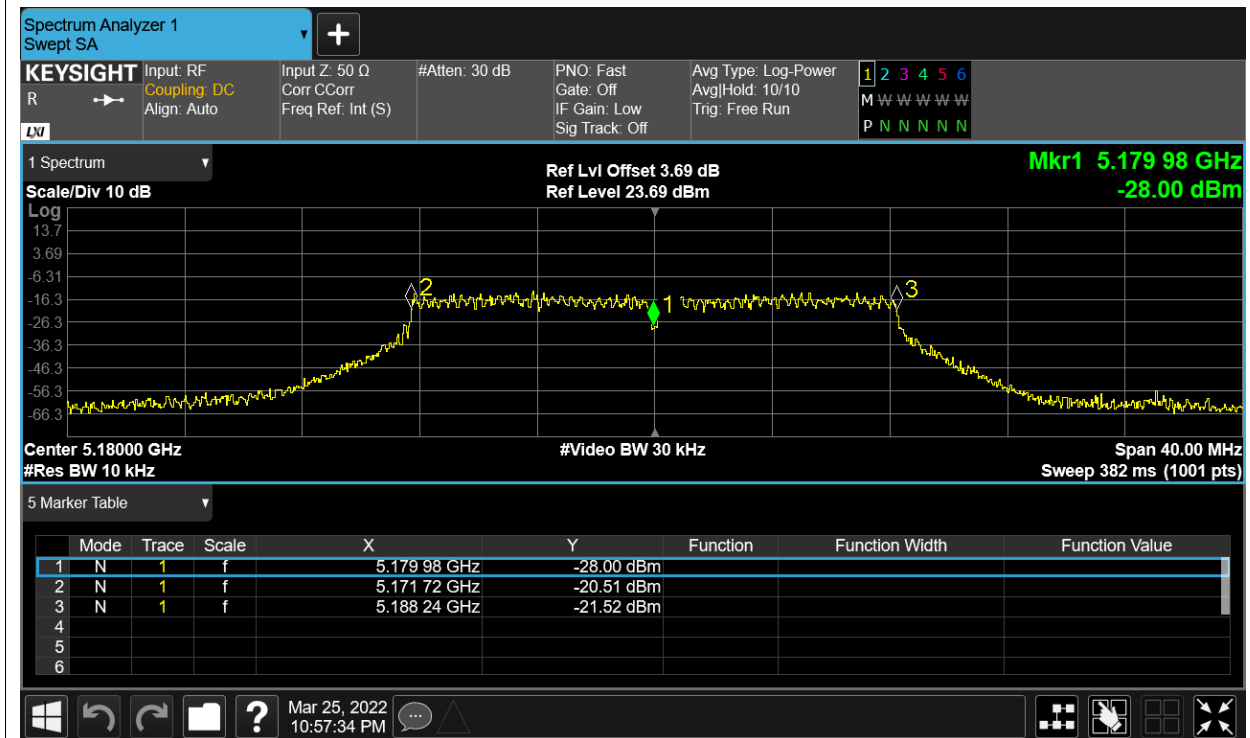
Test Data

Frequency Stability

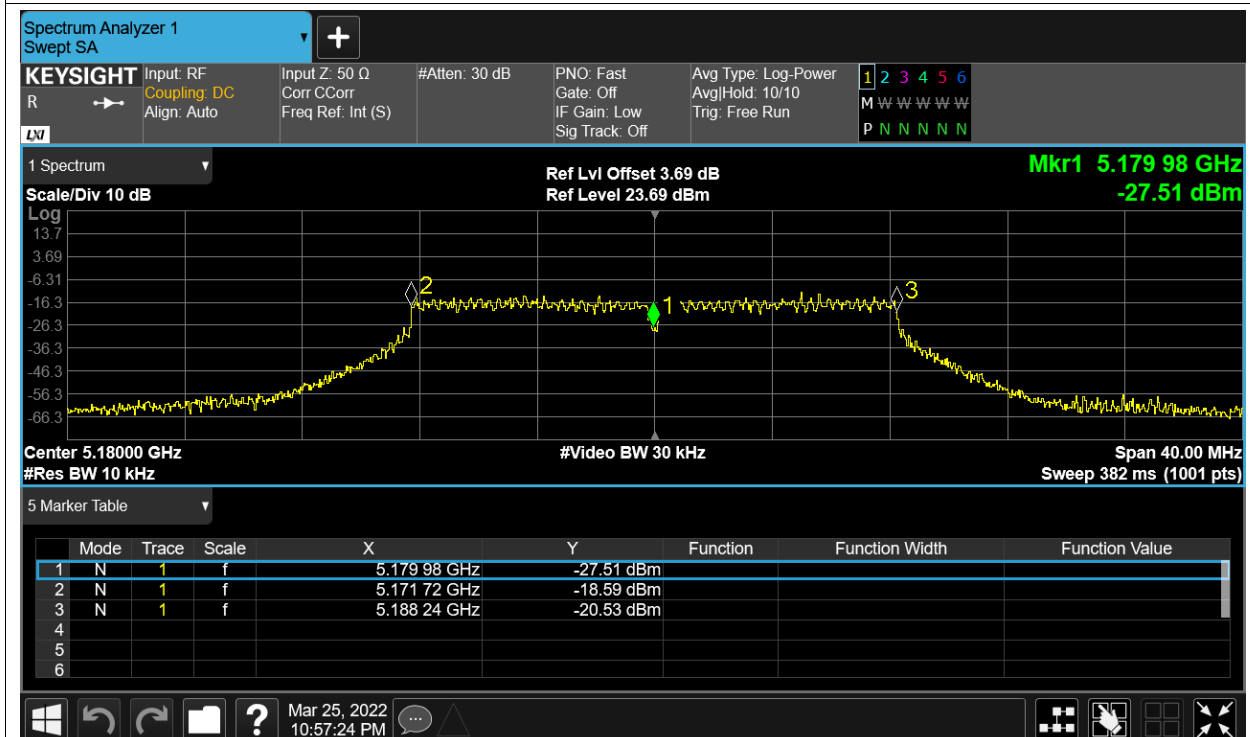
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.98	-3.86	25	Pass
LVNT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVHT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVLT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVNT	a	5180	Ant1	5179.98	-3.86	25	Pass
HVNT	ac80	5210	Ant1	5210	0	25	Pass
LVNT	ac80	5210	Ant1	5210	0	25	Pass
NVHT	ac80	5210	Ant1	5210	0	25	Pass
NVLT	ac80	5210	Ant1	5210	0	25	Pass
NVNT	ac80	5210	Ant1	5210	0	25	Pass
HVNT	n40	5190	Ant1	5190	0	25	Pass
LVNT	n40	5190	Ant1	5190	0	25	Pass
NVHT	n40	5190	Ant1	5190	0	25	Pass
NVLT	n40	5190	Ant1	5190	0	25	Pass
NVNT	n40	5190	Ant1	5190	0	25	Pass

Test Graphs

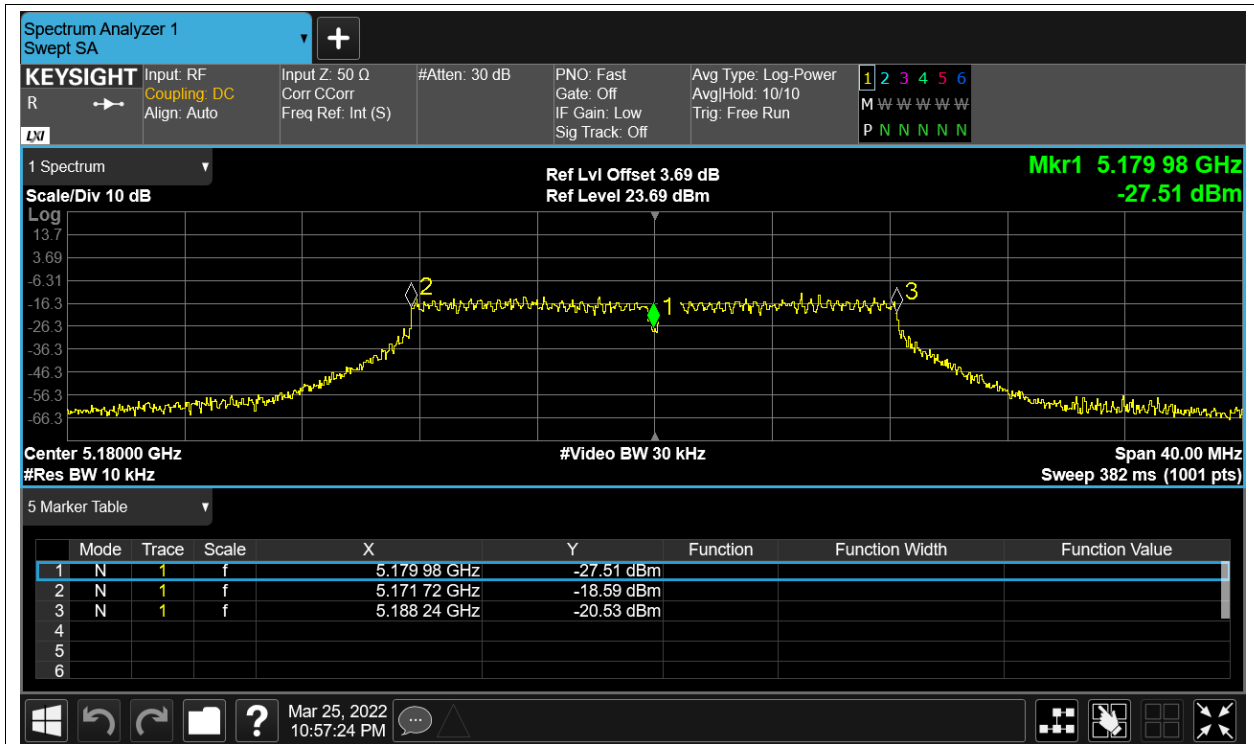
Freq. Stability HVNT a 5180MHz Ant1



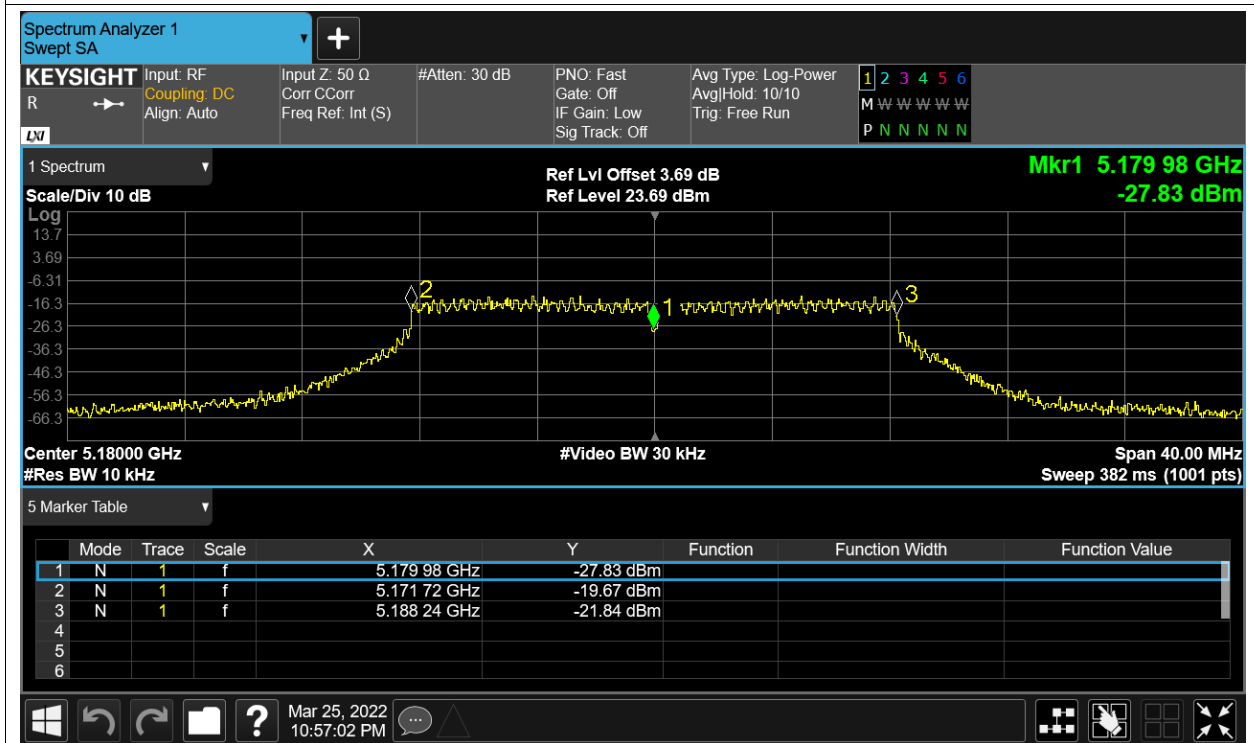
Freq. Stability LVNT a 5180MHz Ant1



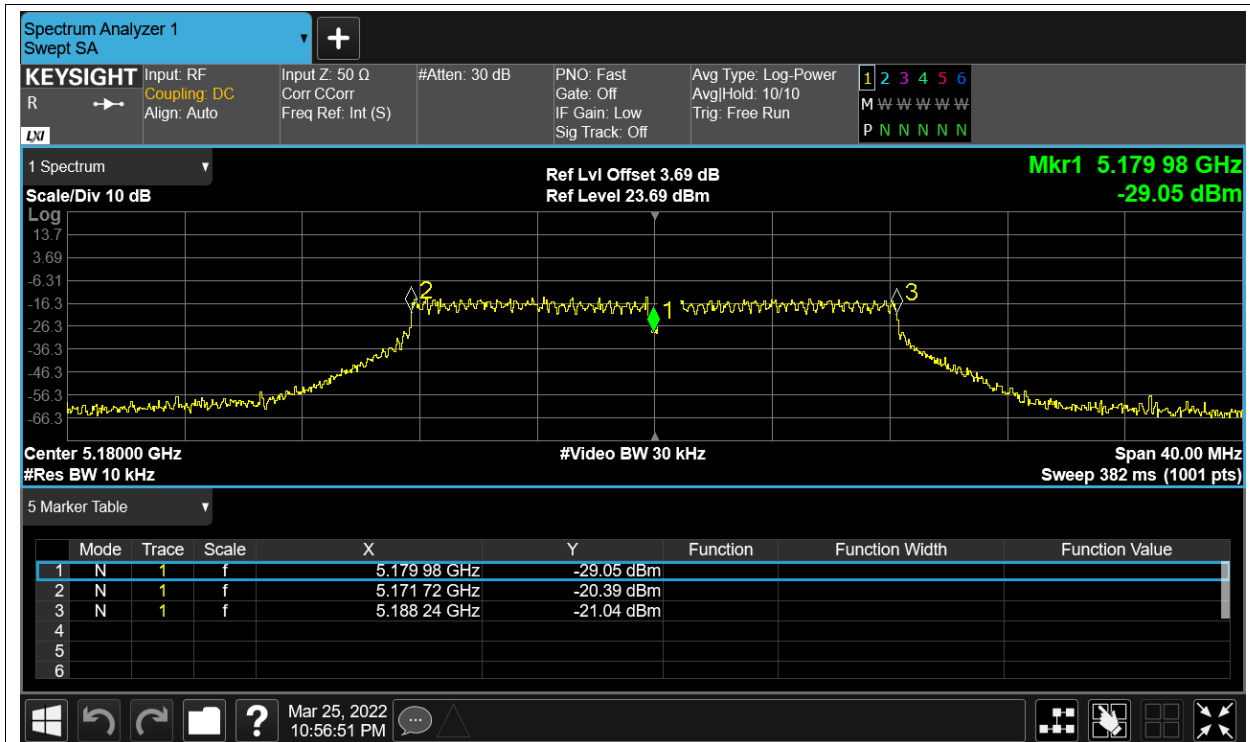
Freq. Stability NVHT a 5180MHz Ant1



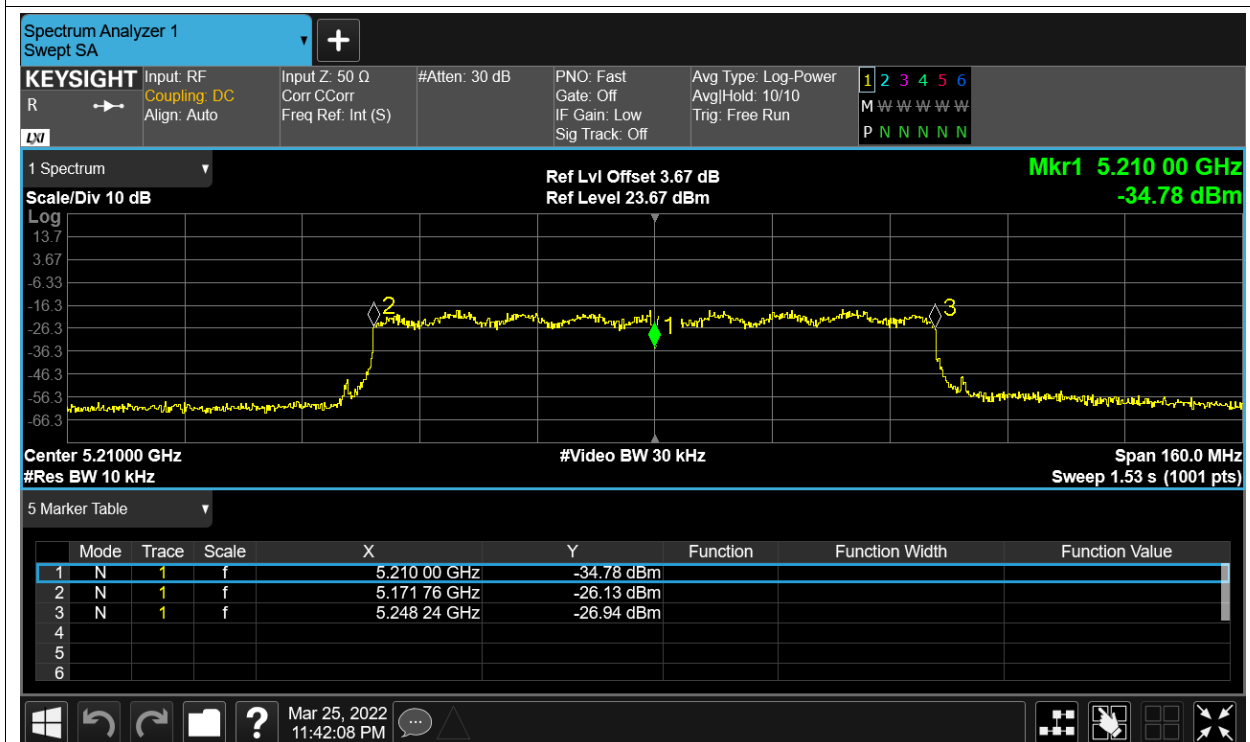
Freq. Stability NVLT a 5180MHz Ant1



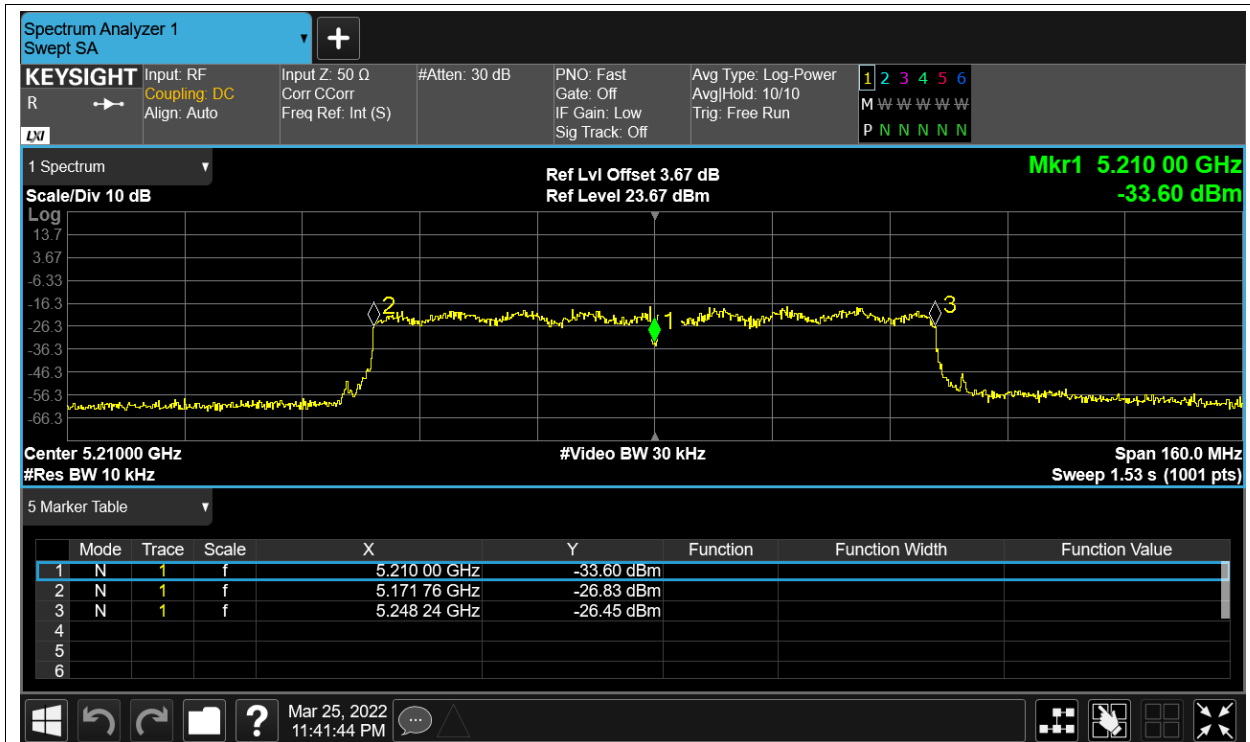
Freq. Stability NVNT a 5180MHz Ant1



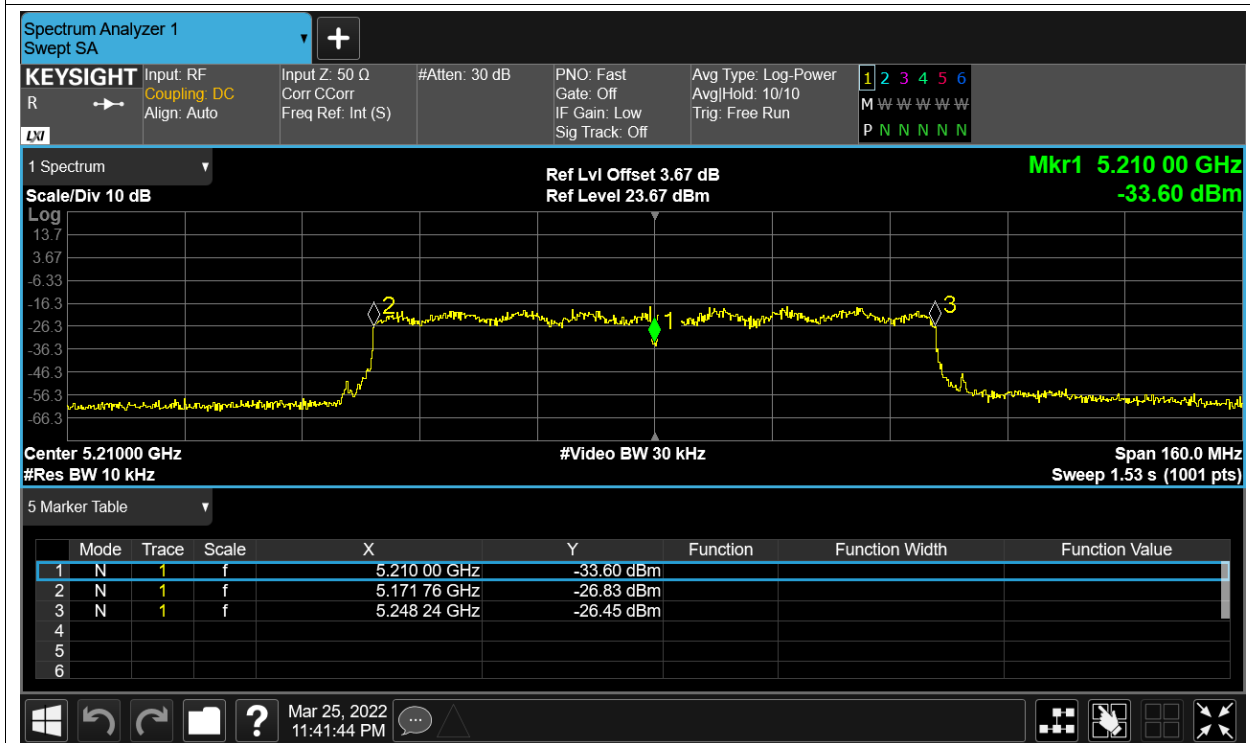
Freq. Stability HVNT ac80 5210MHz Ant1



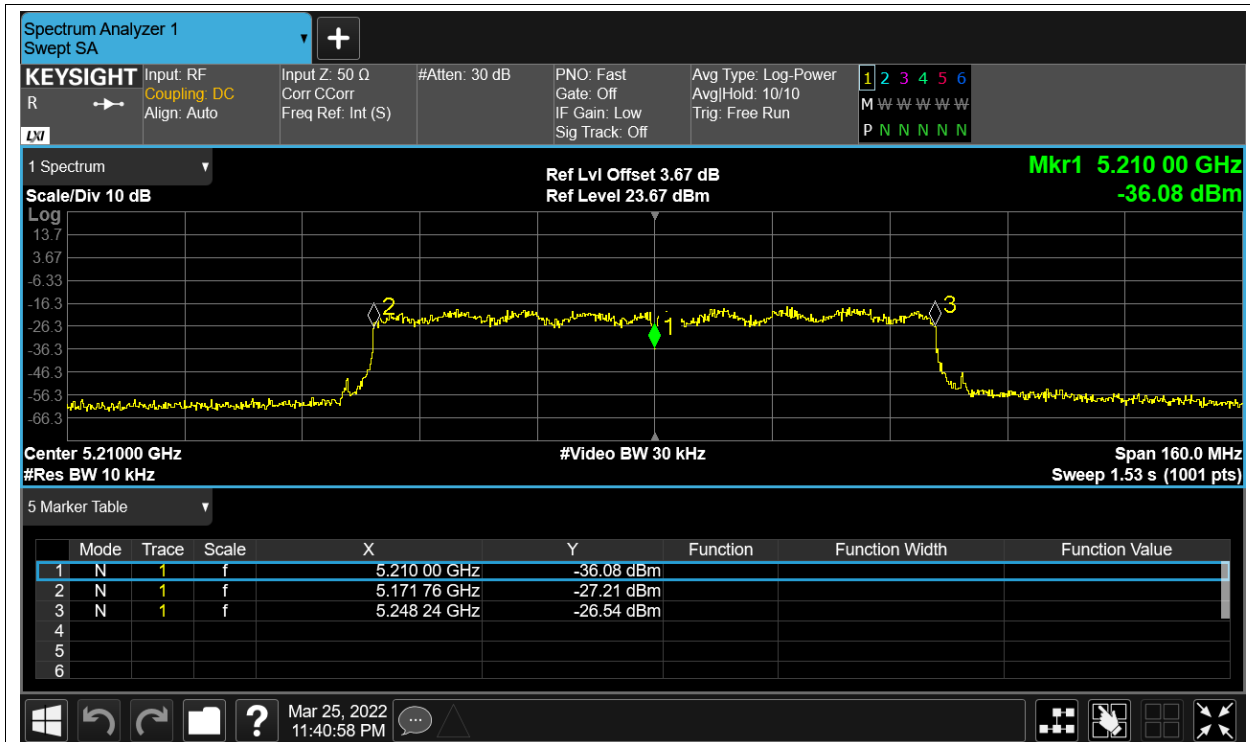
Freq. Stability LVNT ac80 5210MHz Ant1



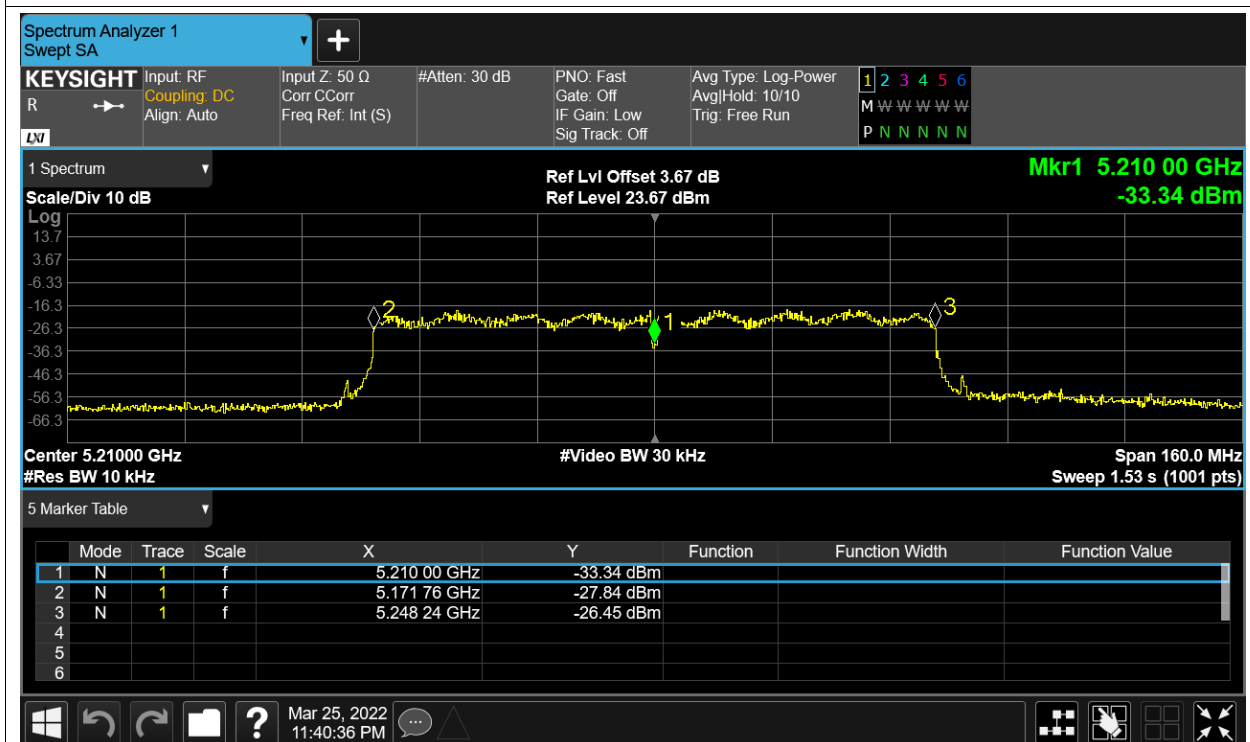
Freq. Stability NVHT ac80 5210MHz Ant1



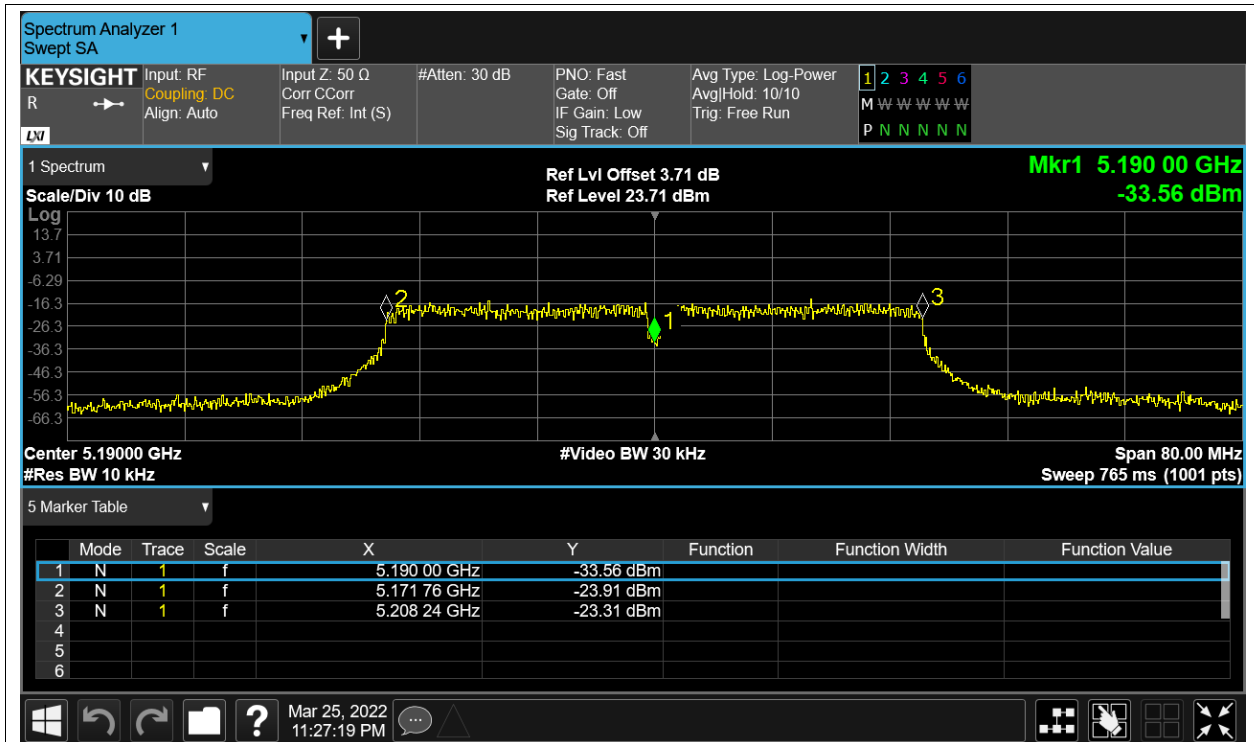
Freq. Stability NVLT ac80 5210MHz Ant1



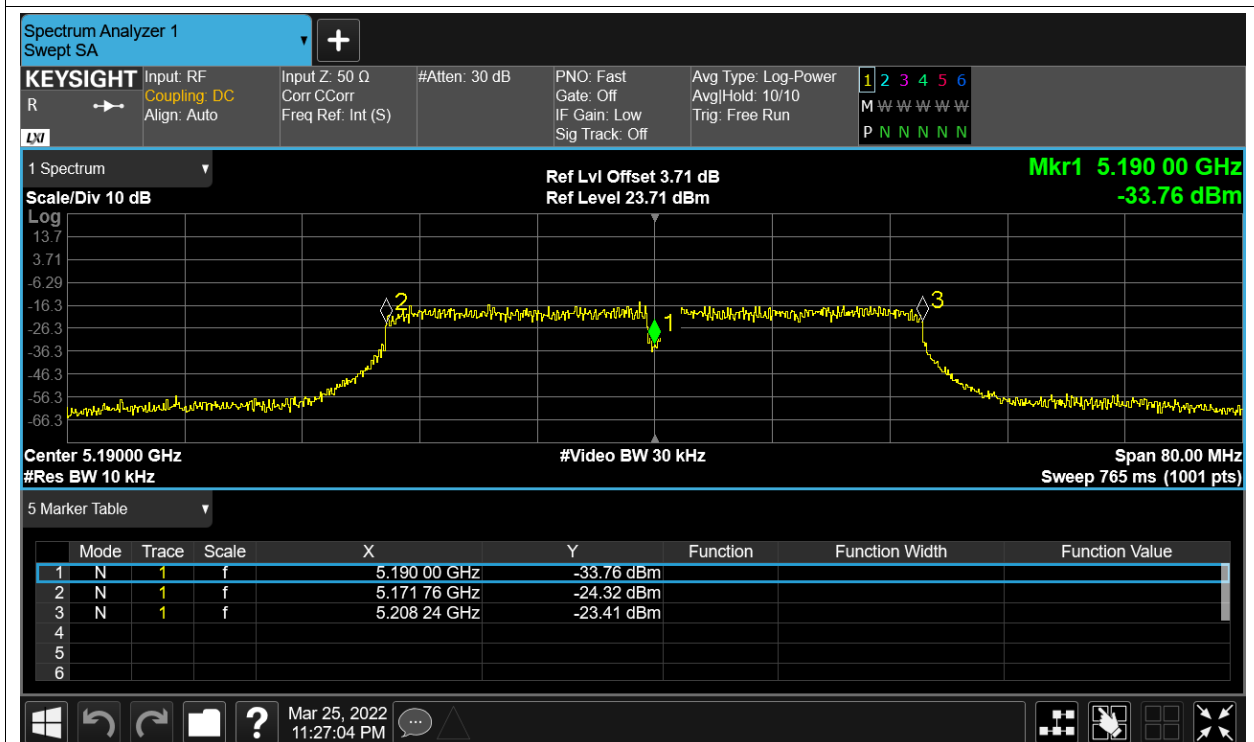
Freq. Stability NVNT ac80 5210MHz Ant1



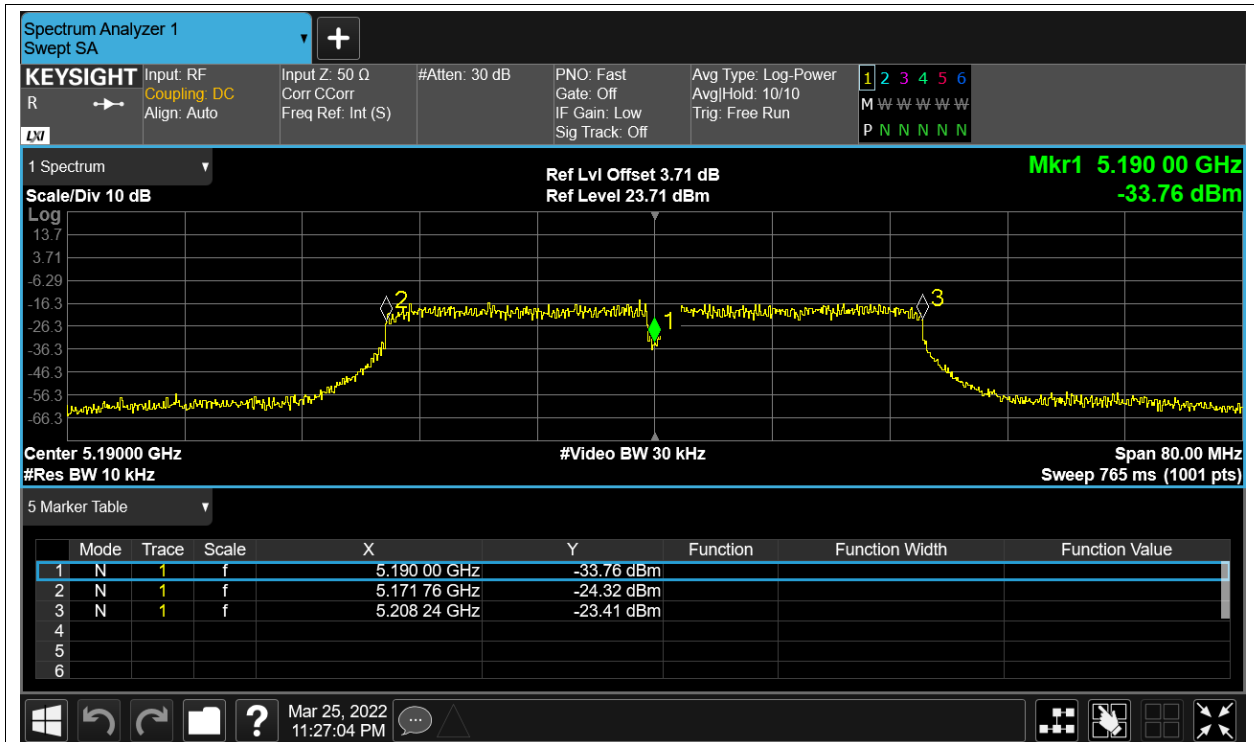
Freq. Stability HVNT n40 5190MHz Ant1



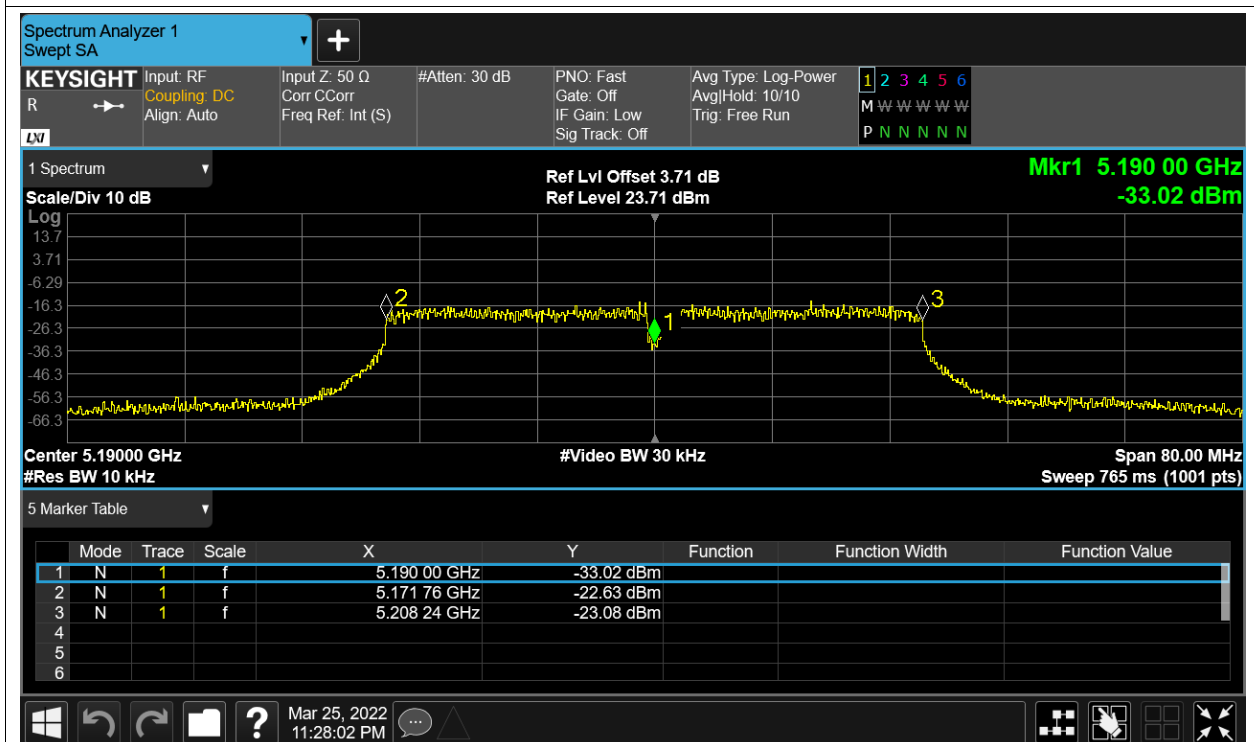
Freq. Stability LVNT n40 5190MHz Ant1



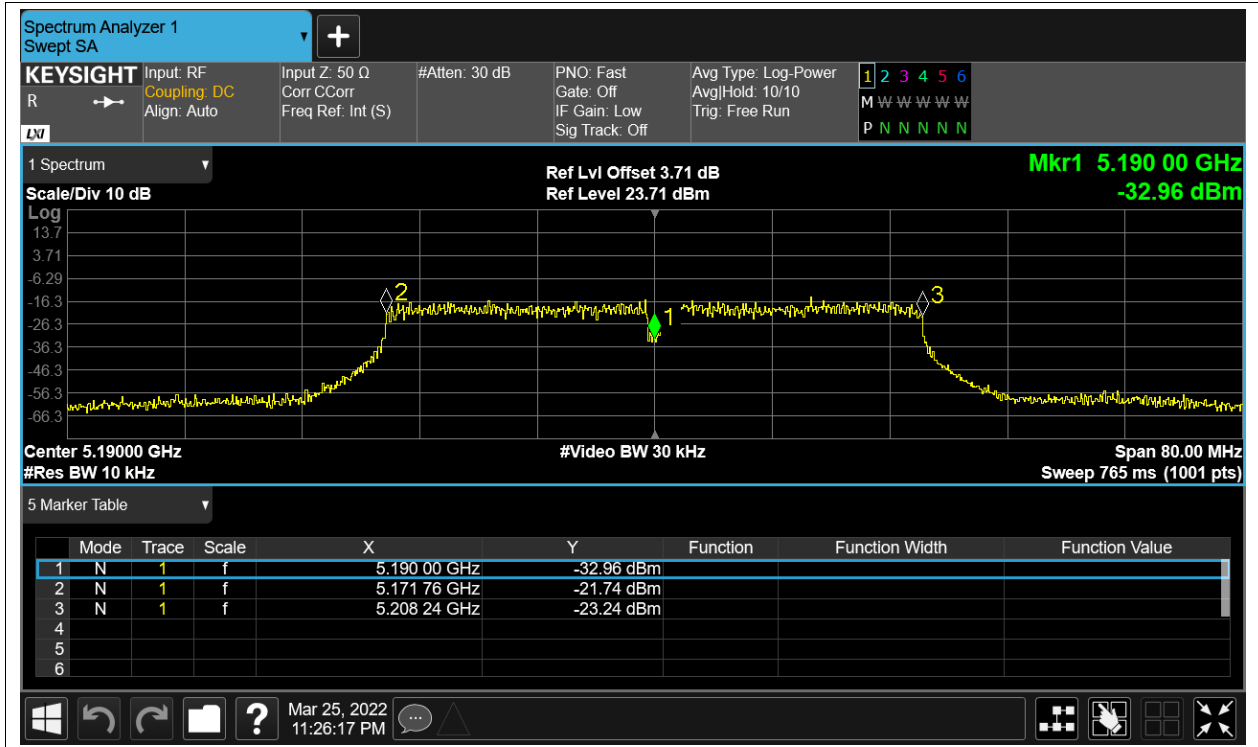
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

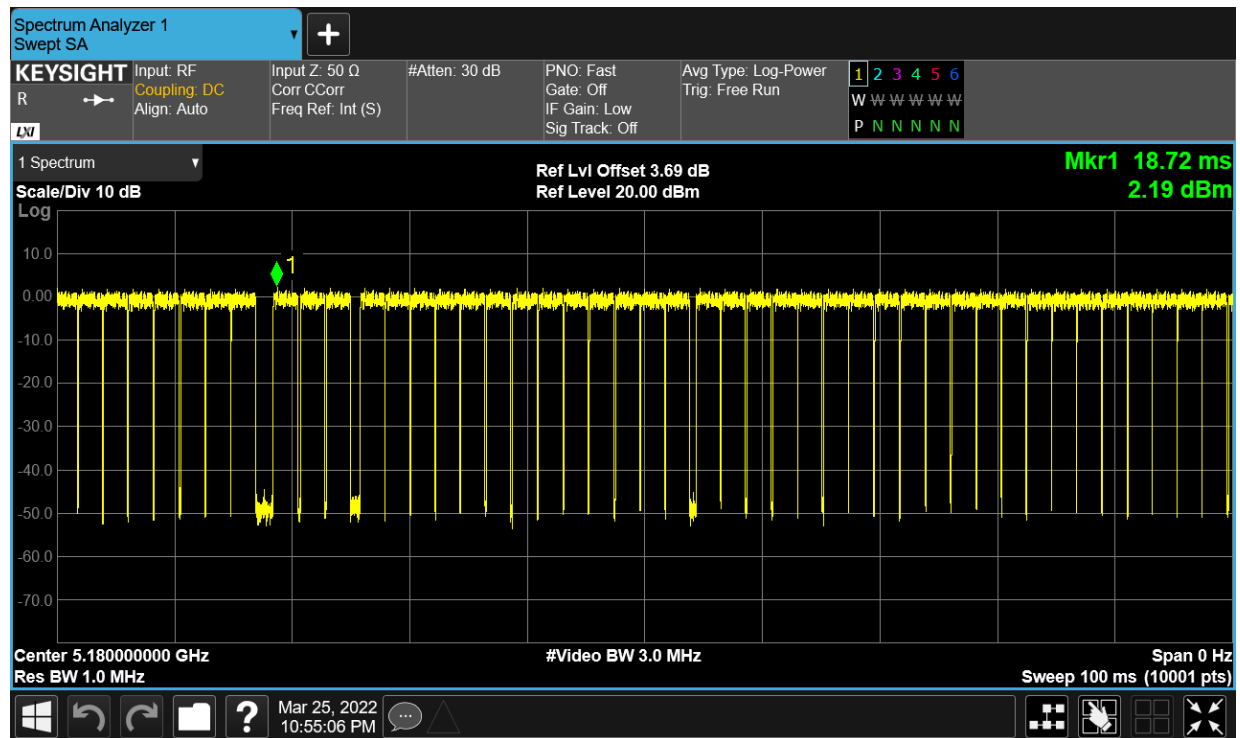


Duty Cycle

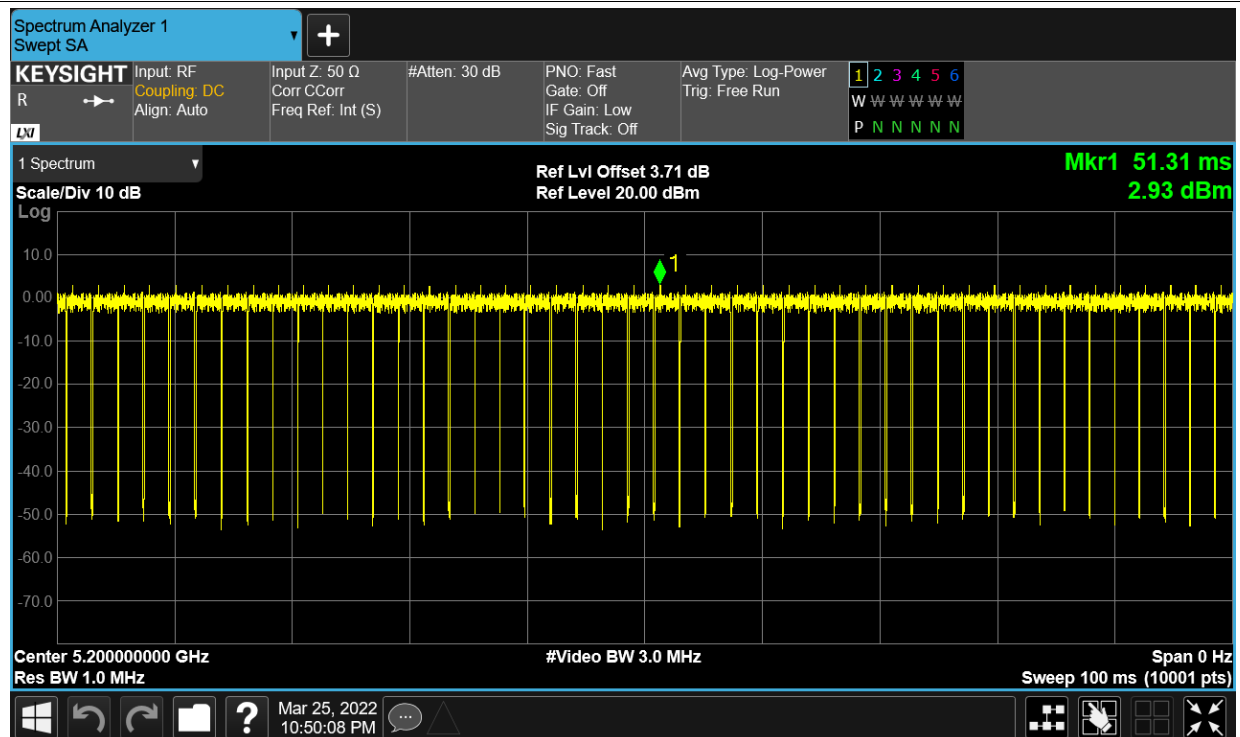
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	93.39	0.3
NVNT	a	5200	Ant1	95.51	0.2
NVNT	a	5240	Ant1	95.43	0.2
NVNT	ac20	5180	Ant1	94.59	0.24
NVNT	ac20	5200	Ant1	95.01	0.22
NVNT	ac20	5240	Ant1	94.72	0.24
NVNT	ac40	5190	Ant1	90.48	0.43
NVNT	ac40	5230	Ant1	91.84	0.37
NVNT	ac80	5210	Ant1	93.7	0.28
NVNT	n20	5180	Ant1	93.81	0.28
NVNT	n20	5200	Ant1	95.21	0.21
NVNT	n20	5240	Ant1	95.62	0.19
NVNT	n40	5190	Ant1	89.72	0.47
NVNT	n40	5230	Ant1	90.92	0.41

Test Graphs

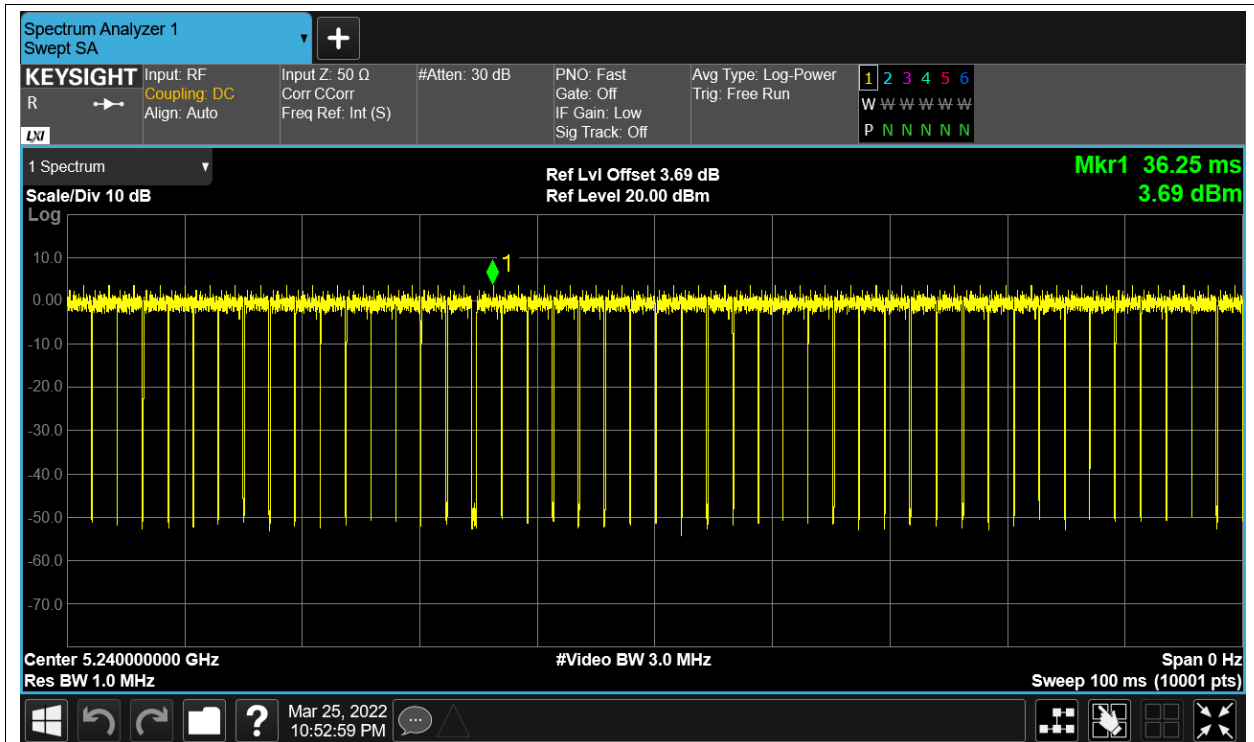
Duty Cycle NVNT a 5180MHz Ant1



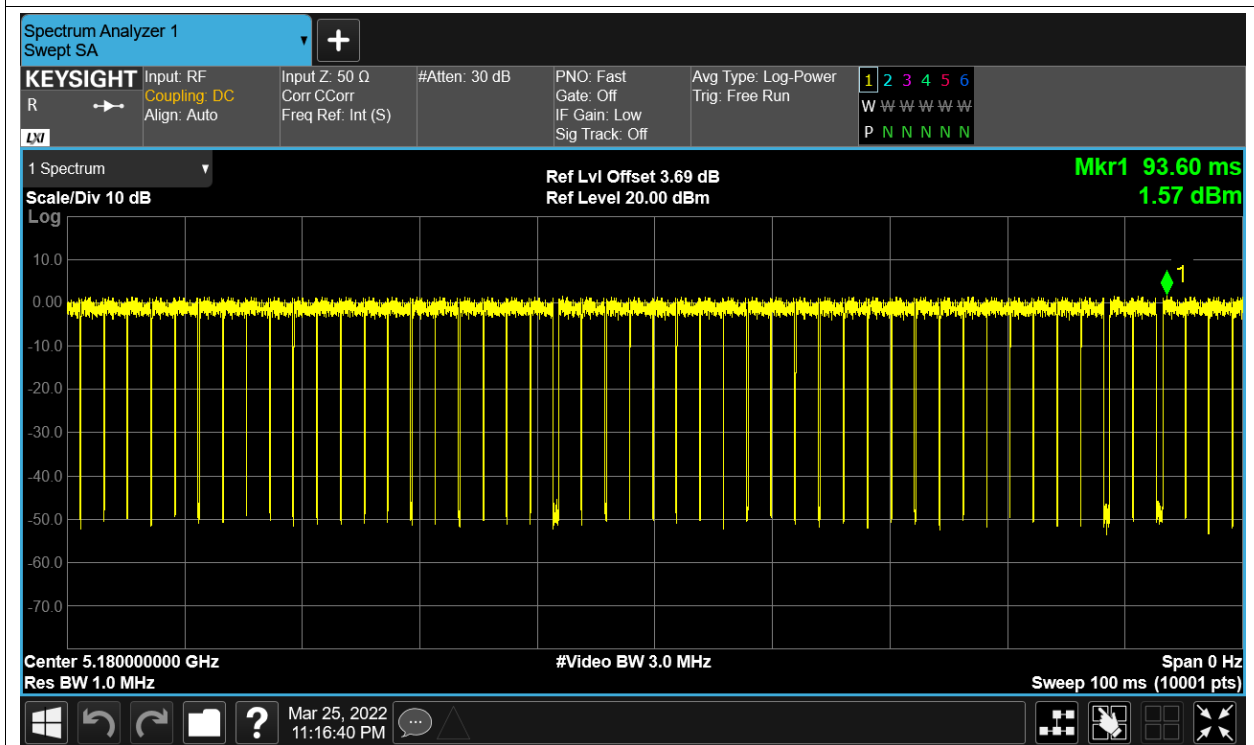
Duty Cycle NVNT a 5200MHz Ant1



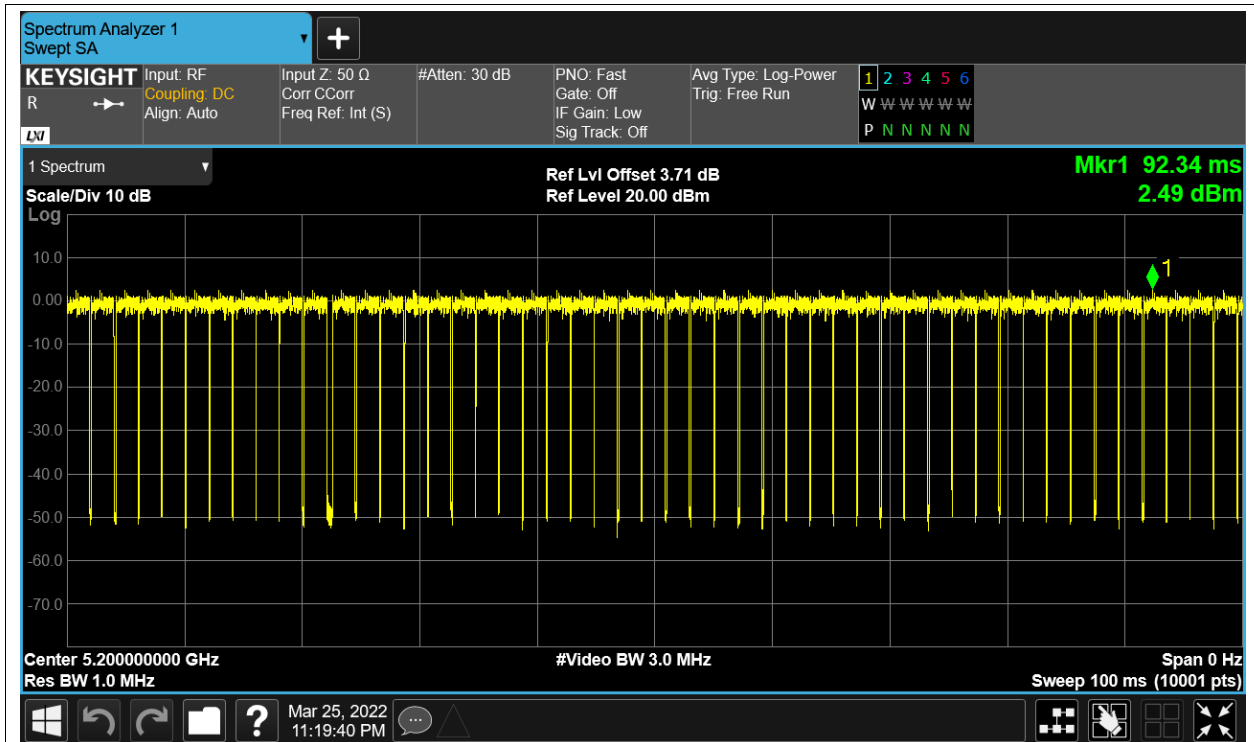
Duty Cycle NVNT a 5240MHz Ant1



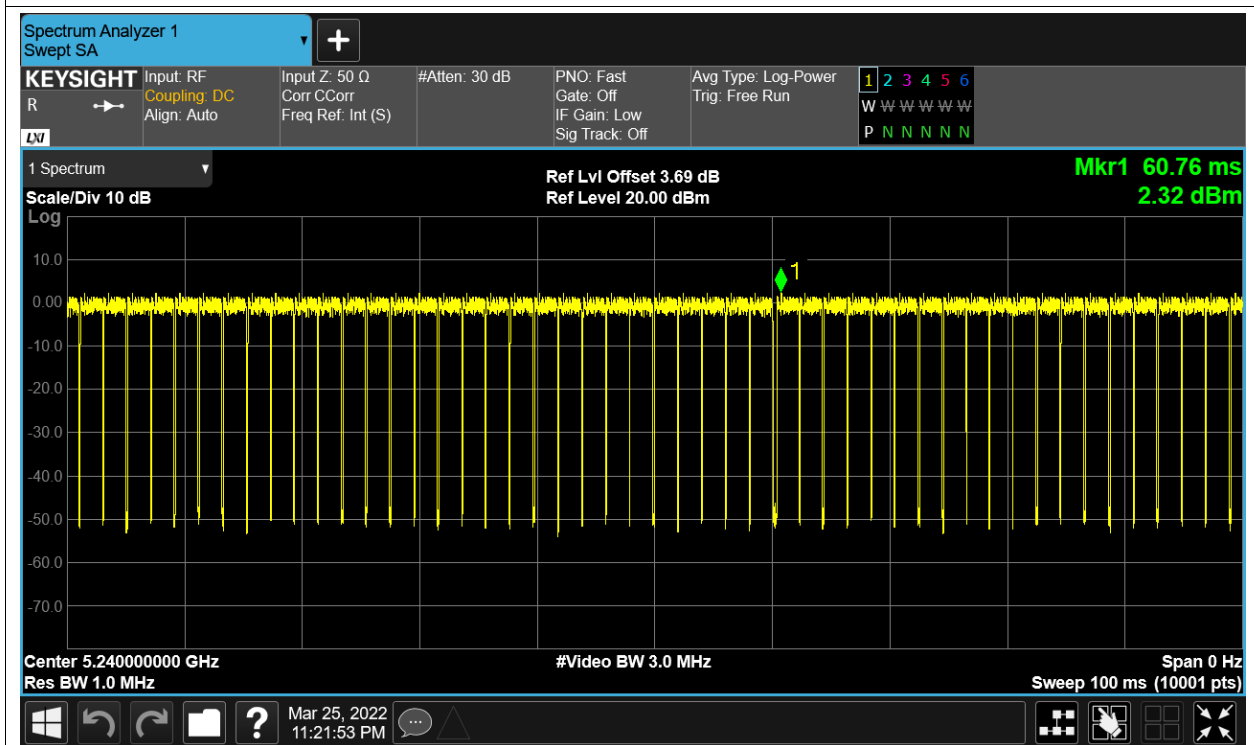
Duty Cycle NVNT ac20 5180MHz Ant1



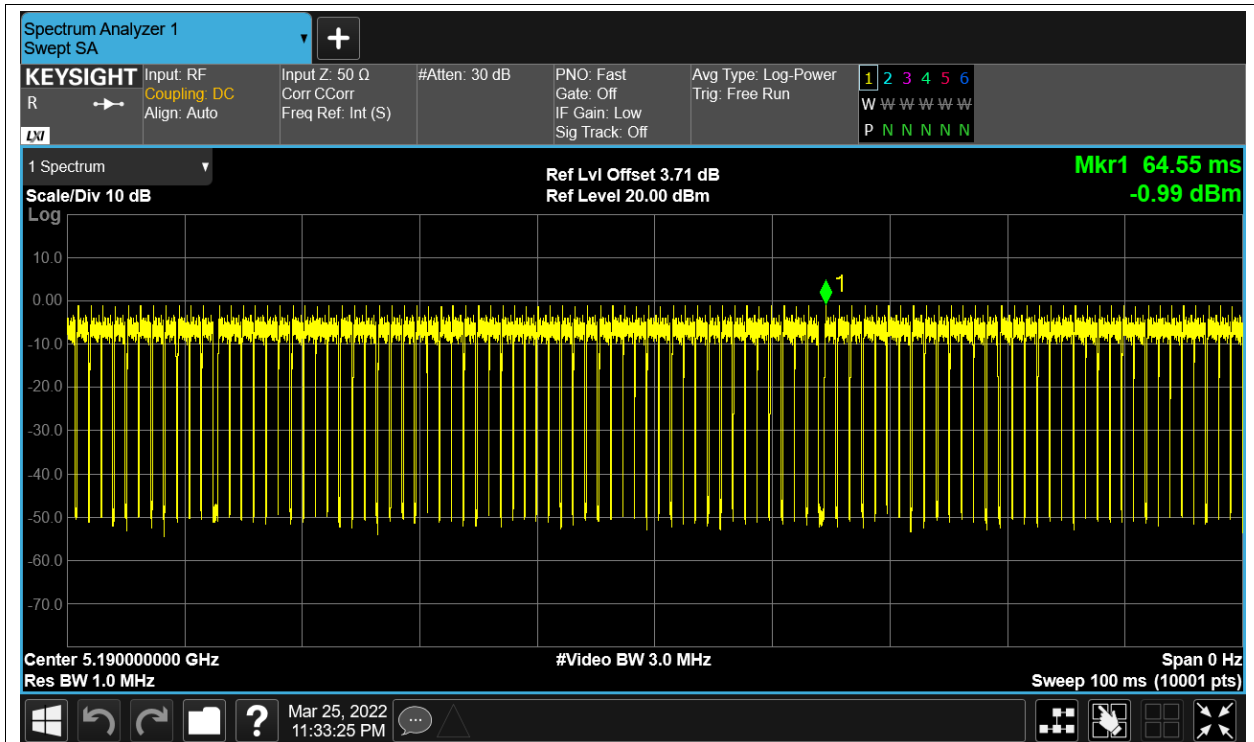
Duty Cycle NVNT ac20 5200MHz Ant1



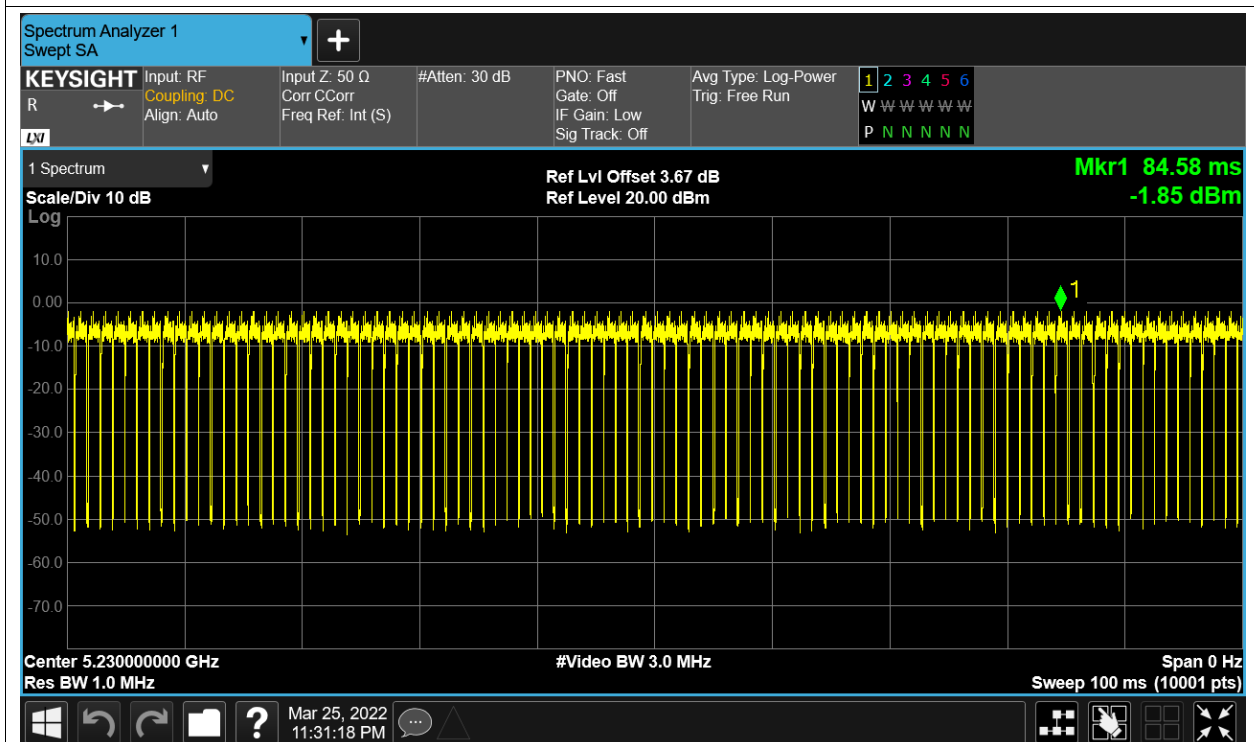
Duty Cycle NVNT ac20 5240MHz Ant1



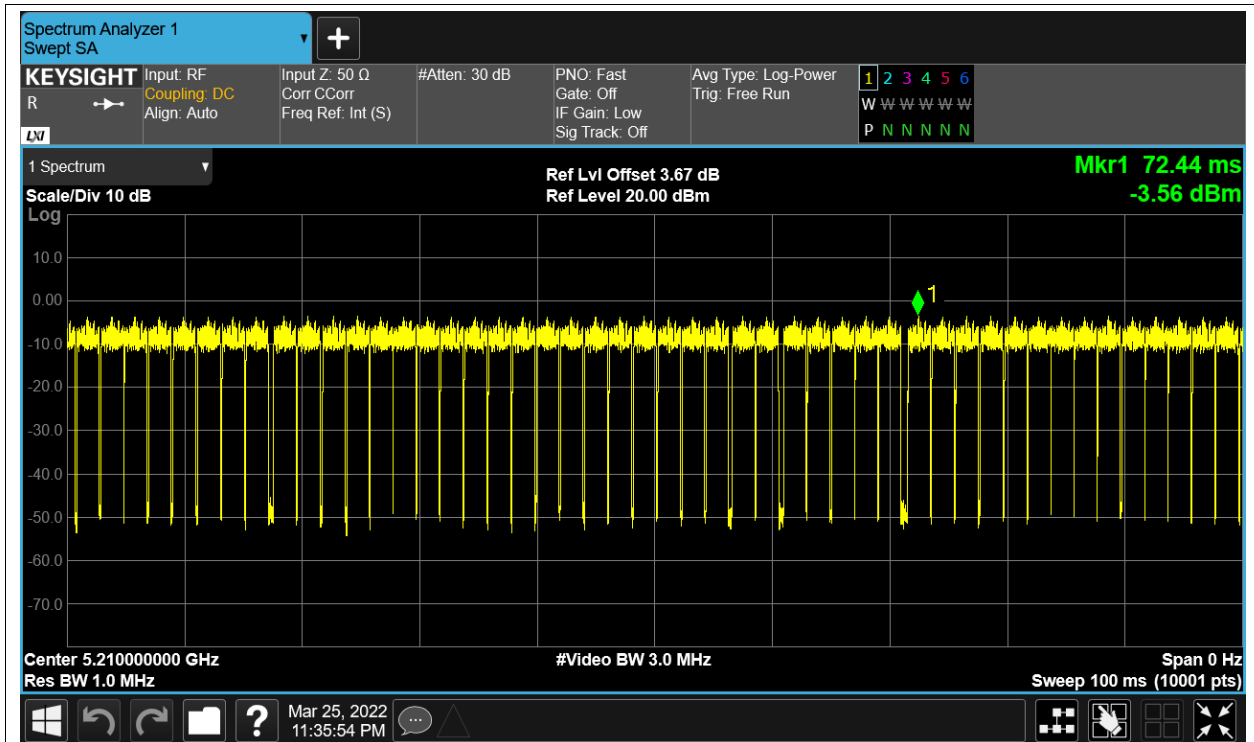
Duty Cycle NVNT ac40 5190MHz Ant1



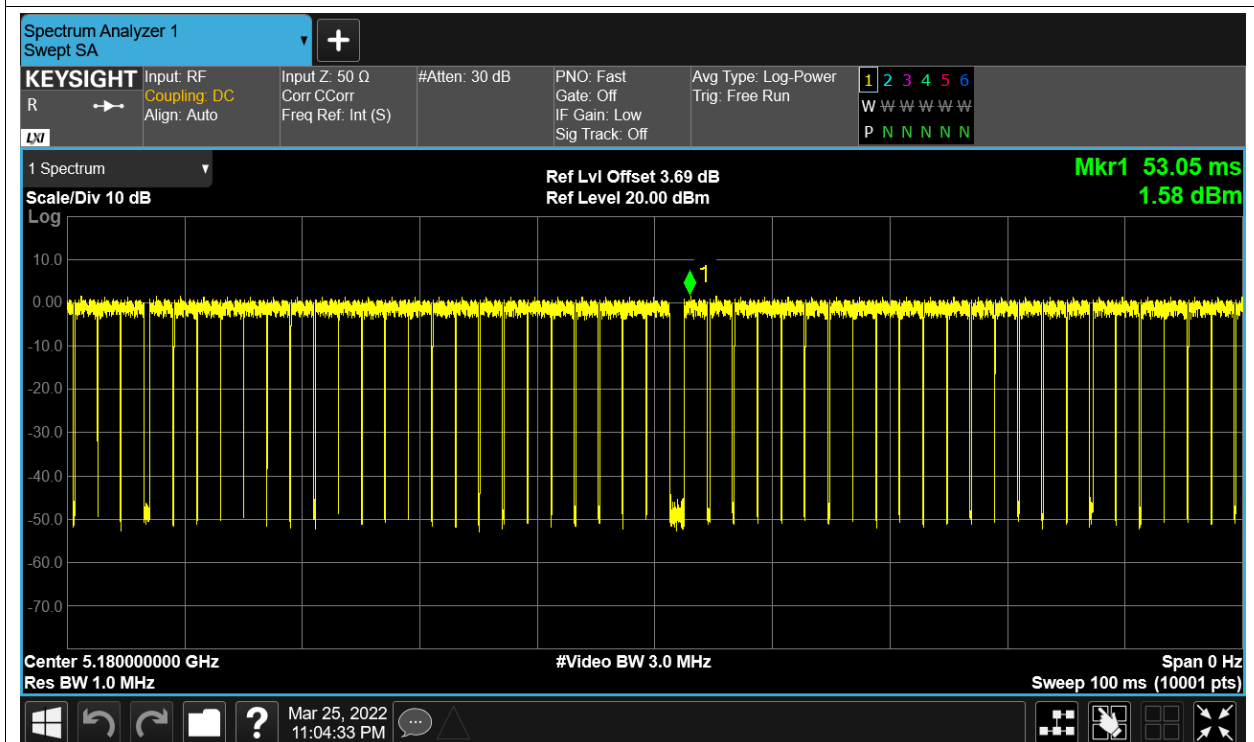
Duty Cycle NVNT ac40 5230MHz Ant1



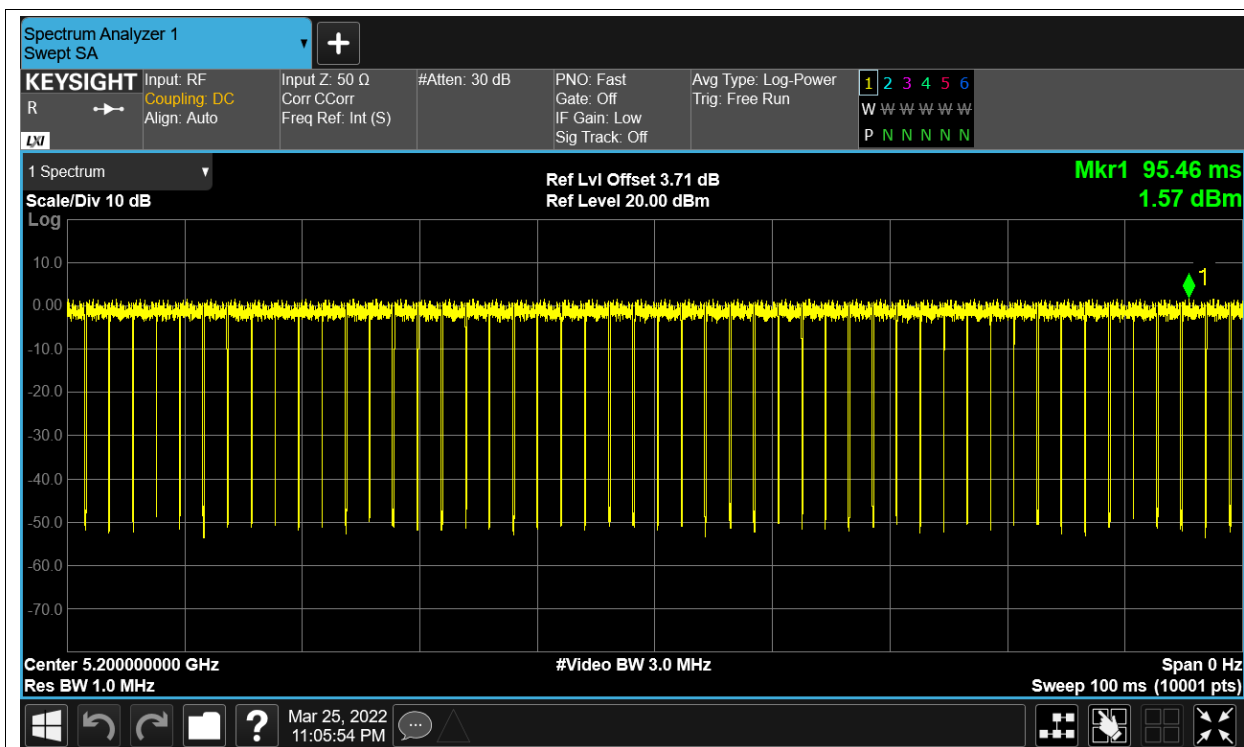
Duty Cycle NVNT ac80 5210MHz Ant1



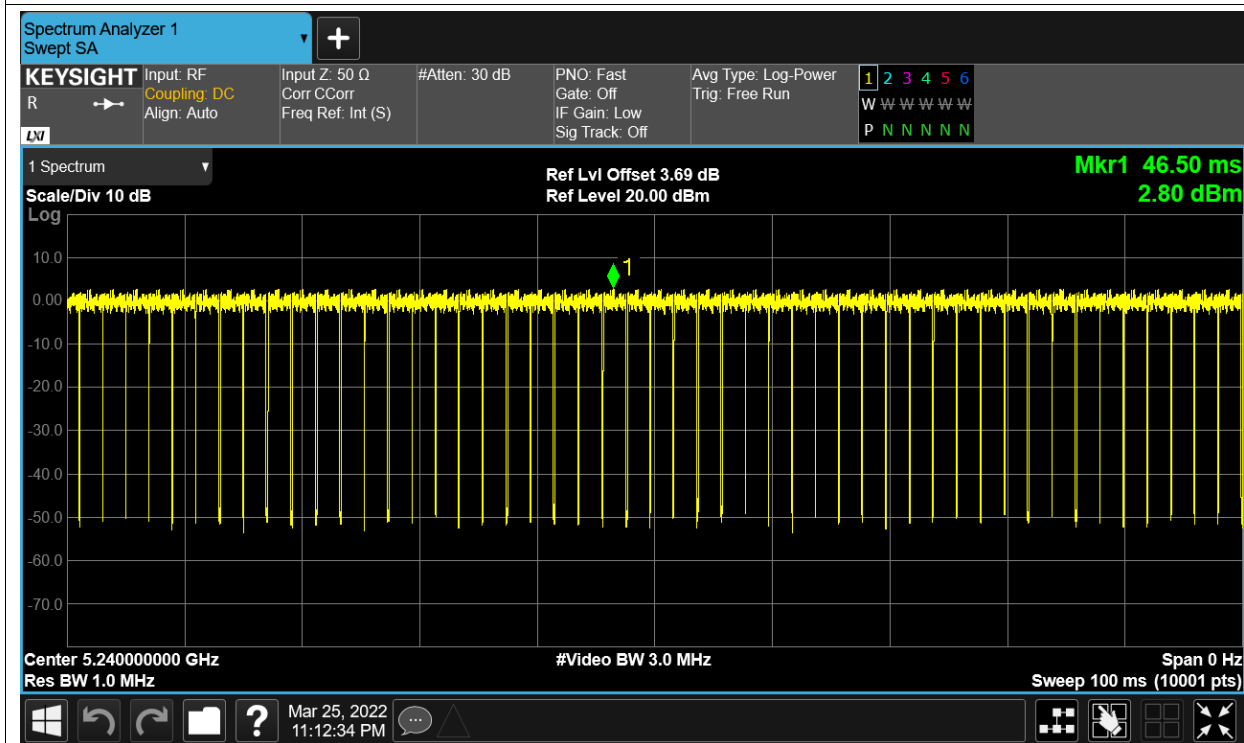
Duty Cycle NVNT n20 5180MHz Ant1



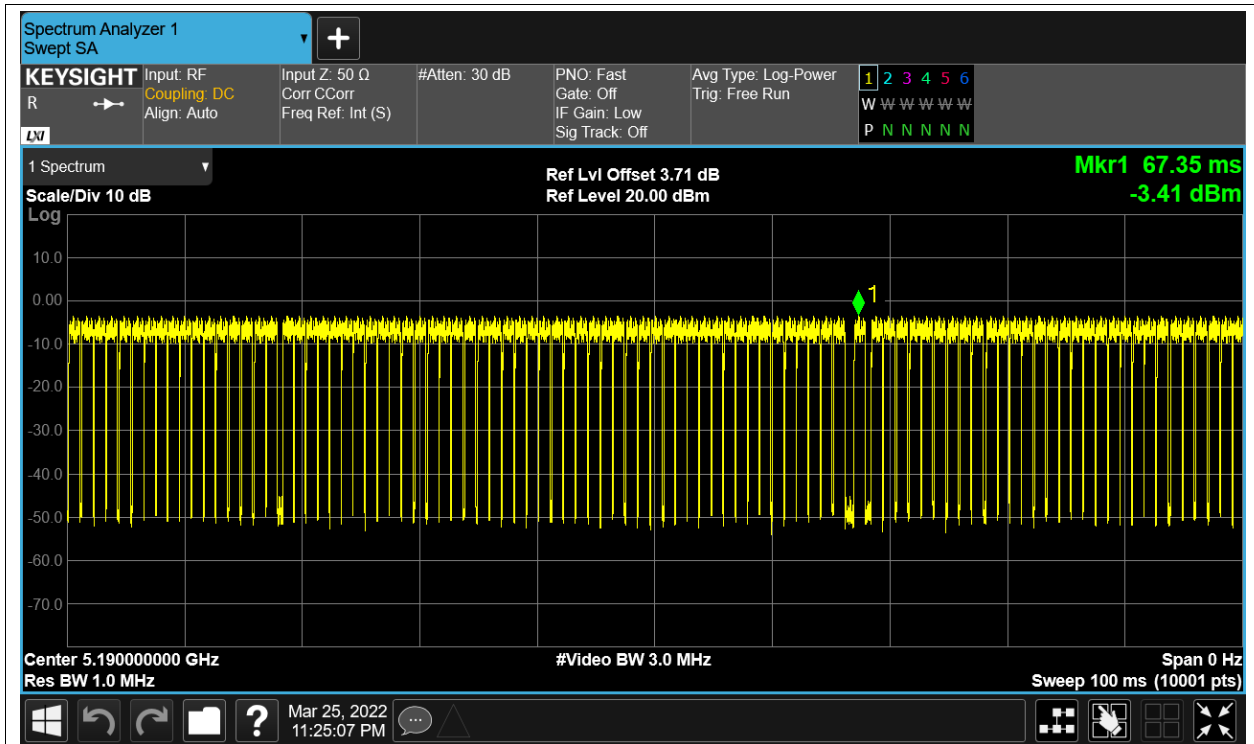
Duty Cycle NVNT n20 5200MHz Ant1



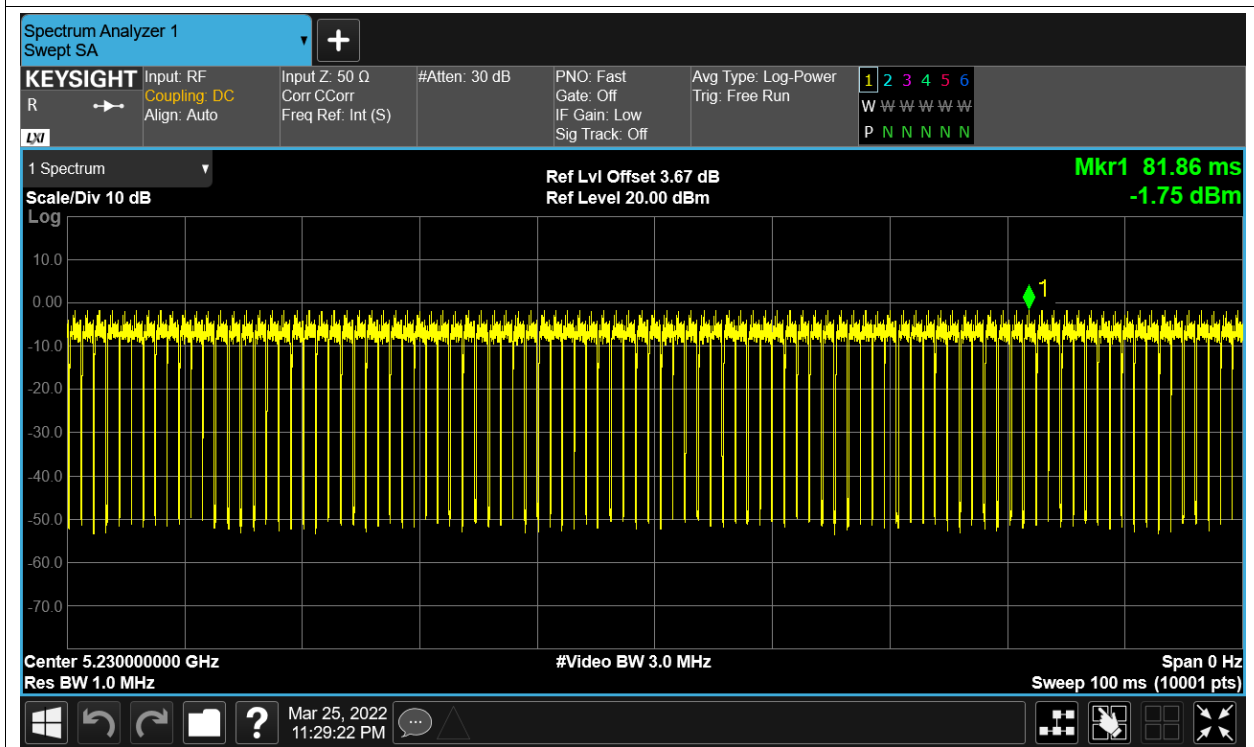
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

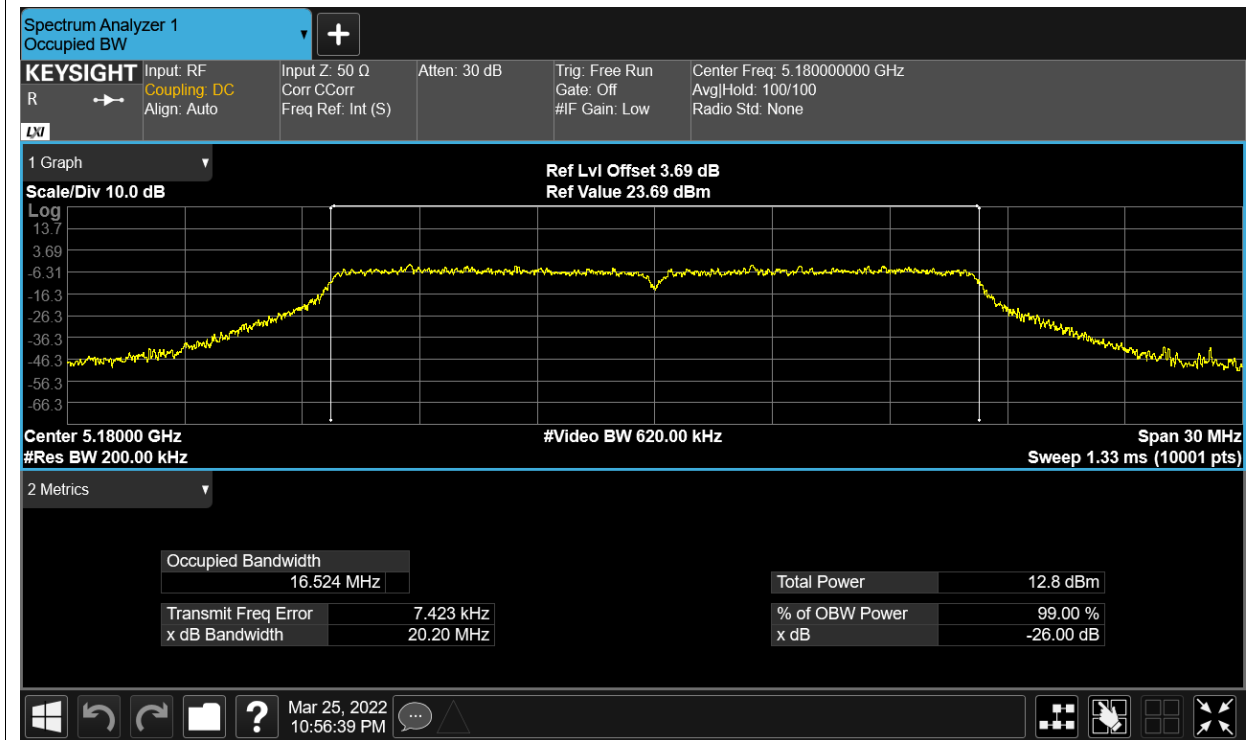
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.1	0.35	8.45	24	Pass
NVNT	a	5200	Ant1	8.06	0.2	8.26	24	Pass
NVNT	a	5240	Ant1	8.49	0	8.49	24	Pass
NVNT	ac20	5180	Ant1	7.88	0.24	8.12	24	Pass
NVNT	ac20	5200	Ant1	7.72	0.22	7.94	24	Pass
NVNT	ac20	5240	Ant1	8.45	0.24	8.69	24	Pass
NVNT	ac40	5190	Ant1	7.99	0.43	8.42	24	Pass
NVNT	ac40	5230	Ant1	8.27	0	8.27	24	Pass
NVNT	ac80	5210	Ant1	8.4	0	8.4	24	Pass
NVNT	n20	5180	Ant1	8.12	0	8.12	24	Pass
NVNT	n20	5200	Ant1	7.78	0	7.78	24	Pass
NVNT	n20	5240	Ant1	8.65	0.19	8.84	24	Pass
NVNT	n40	5190	Ant1	8.48	0	8.48	24	Pass
NVNT	n40	5230	Ant1	8.41	0.41	8.82	24	Pass

Occupied Channel Bandwidth

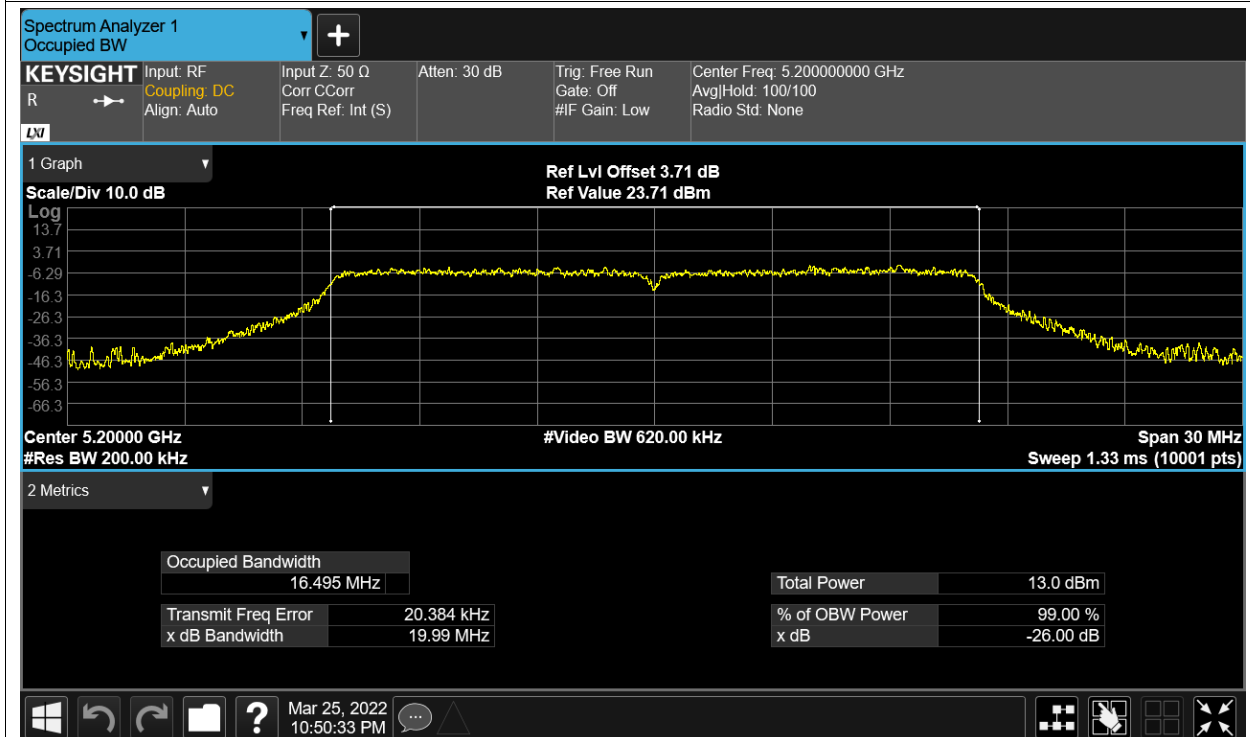
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.52411911
NVNT	a	5200	Ant1	16.49539647
NVNT	a	5240	Ant1	16.49200215
NVNT	ac20	5180	Ant1	17.6109034
NVNT	ac20	5200	Ant1	17.63039293
NVNT	ac20	5240	Ant1	17.59897929
NVNT	ac40	5190	Ant1	36.13625965
NVNT	ac40	5230	Ant1	36.16644653
NVNT	ac80	5210	Ant1	75.13194777
NVNT	n20	5180	Ant1	17.6337157
NVNT	n20	5200	Ant1	17.59918776
NVNT	n20	5240	Ant1	17.62011344
NVNT	n40	5190	Ant1	36.11638193
NVNT	n40	5230	Ant1	36.16760585

Test Graphs

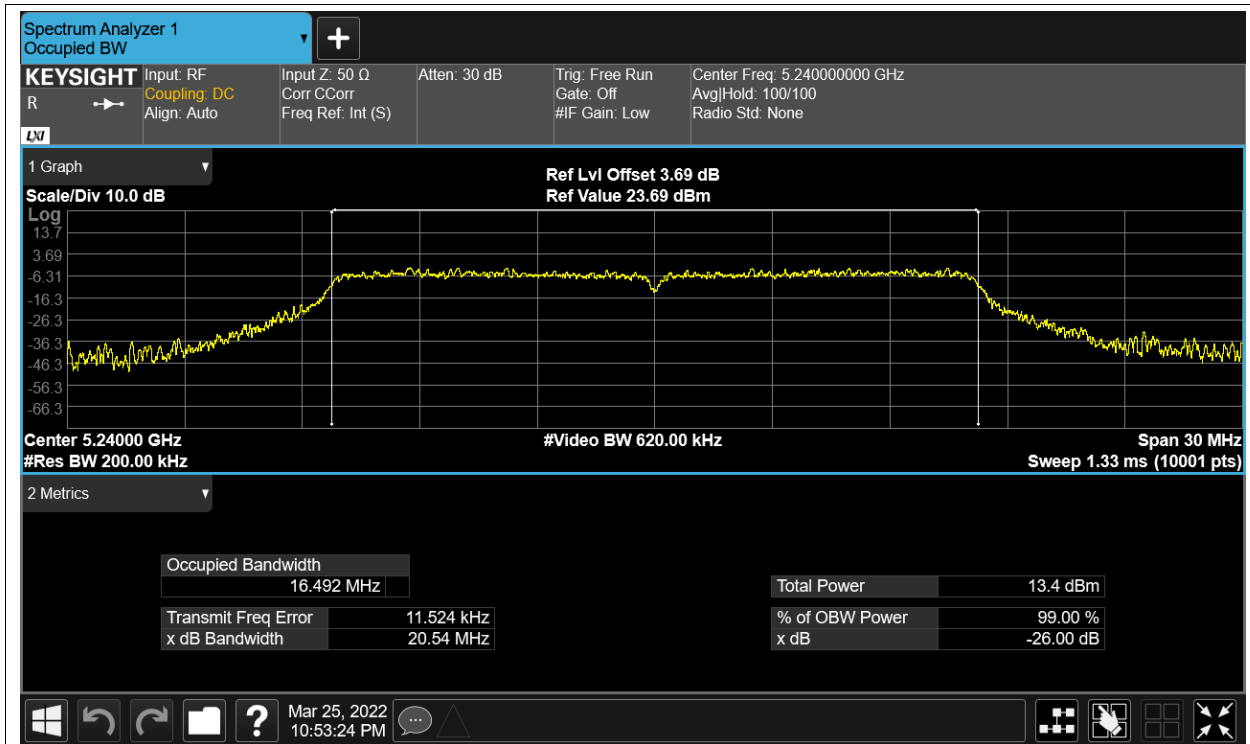
OBW NVNT a 5180MHz Ant1



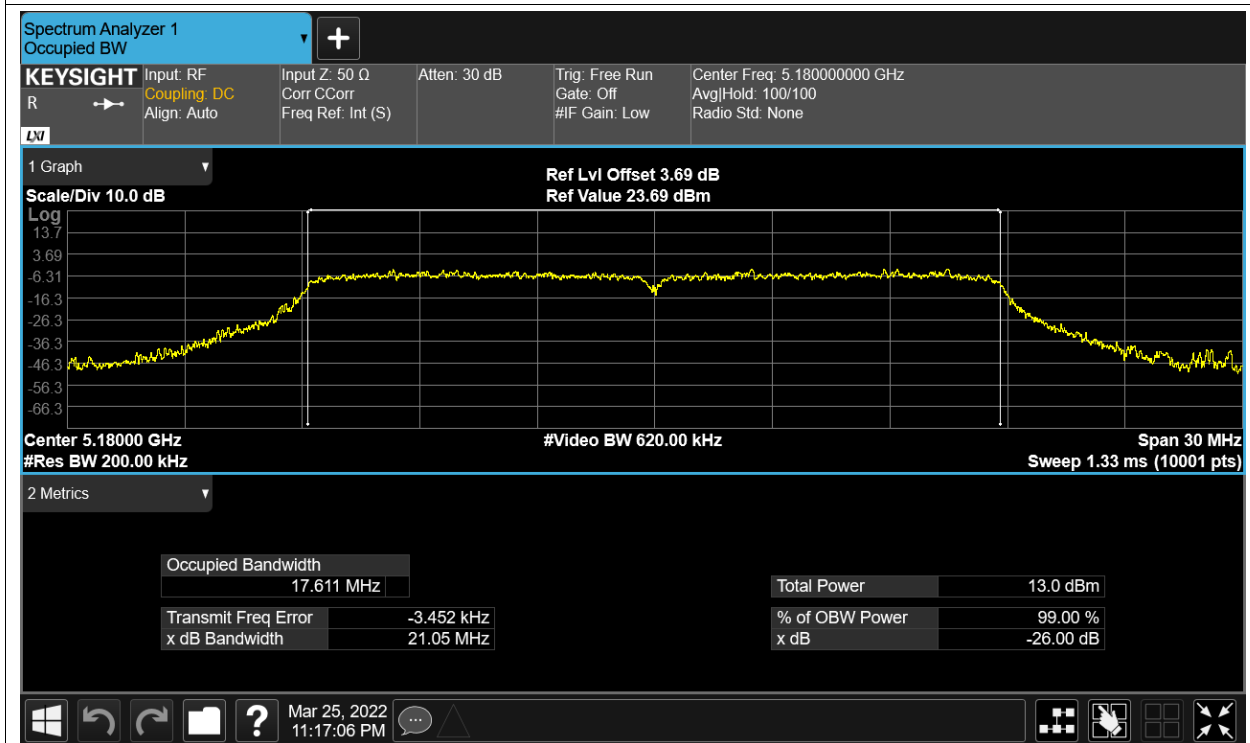
OBW NVNT a 5200MHz Ant1



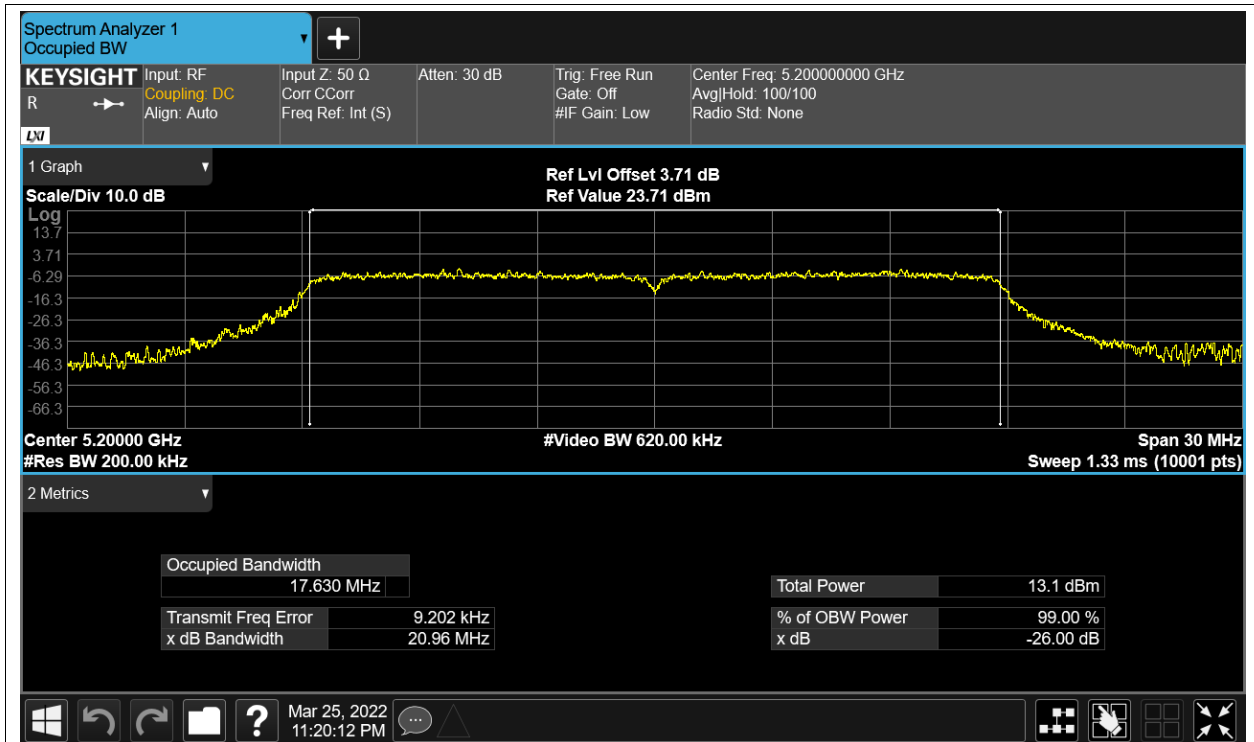
OBW NVNT a 5240MHz Ant1



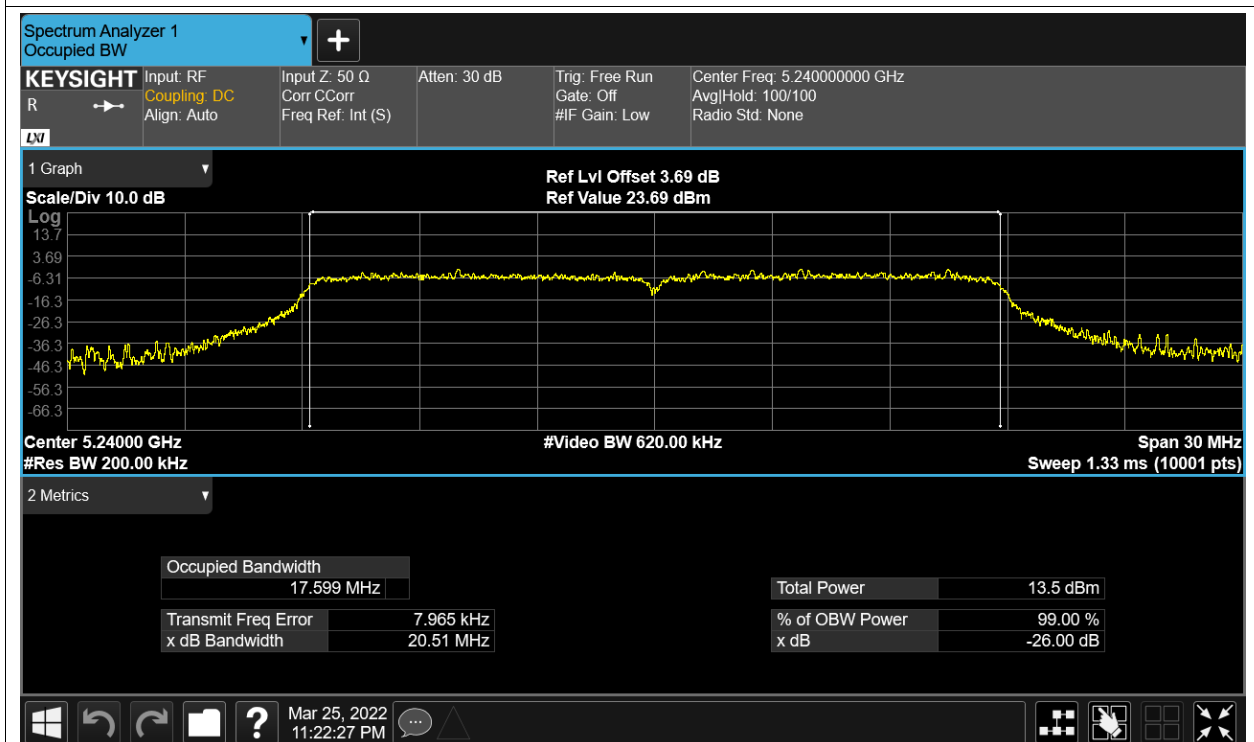
OBW NVNT ac20 5180MHz Ant1



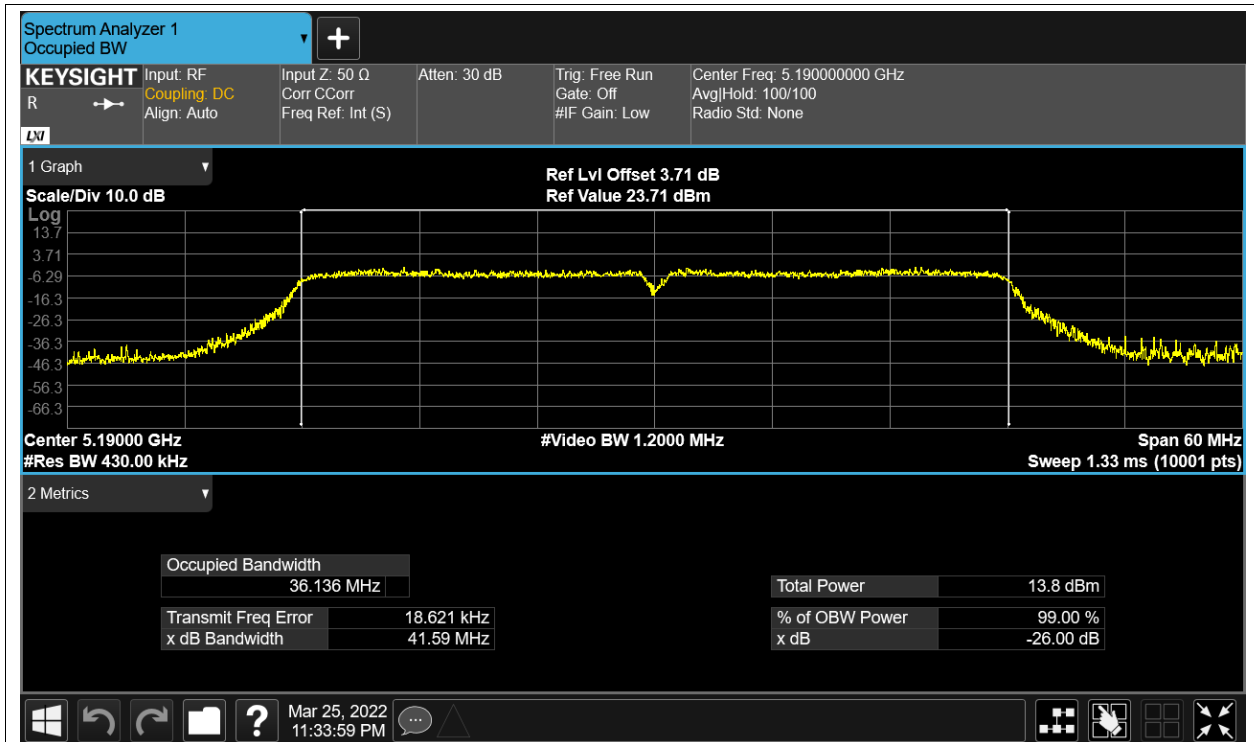
OBW NVNT ac20 5200MHz Ant1



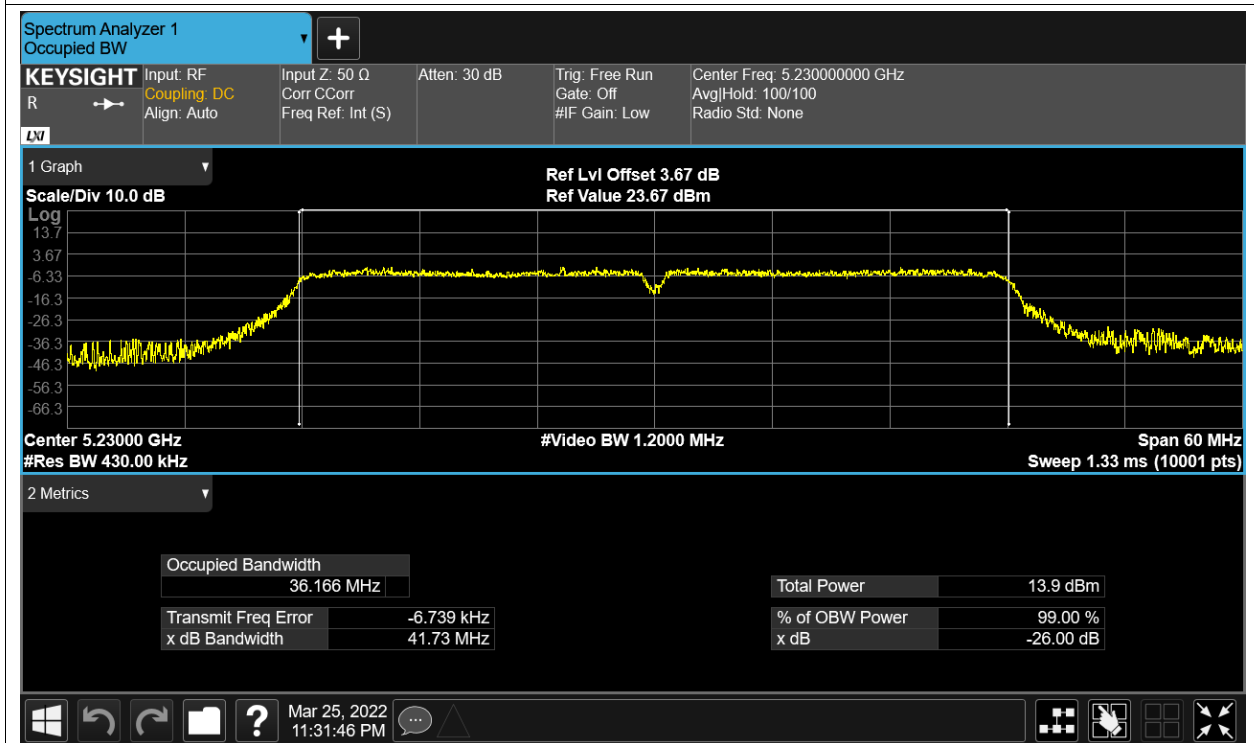
OBW NVNT ac20 5240MHz Ant1



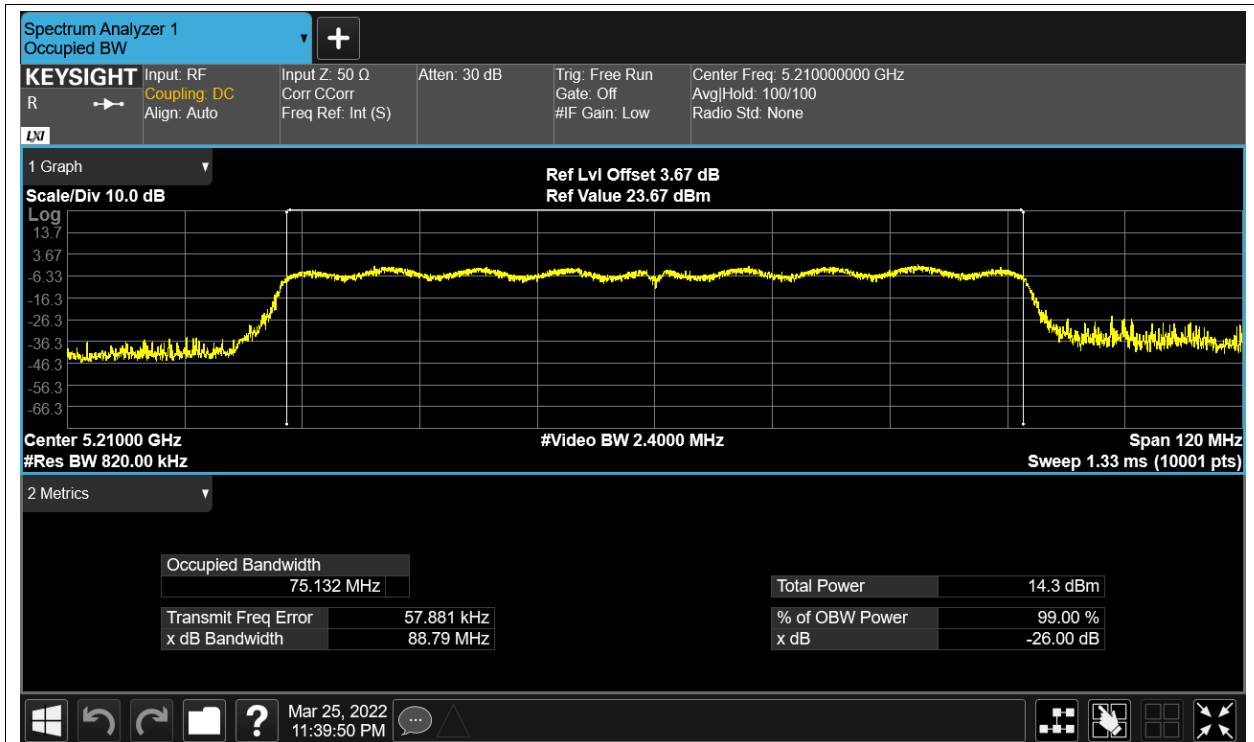
OBW NVNT ac40 5190MHz Ant1



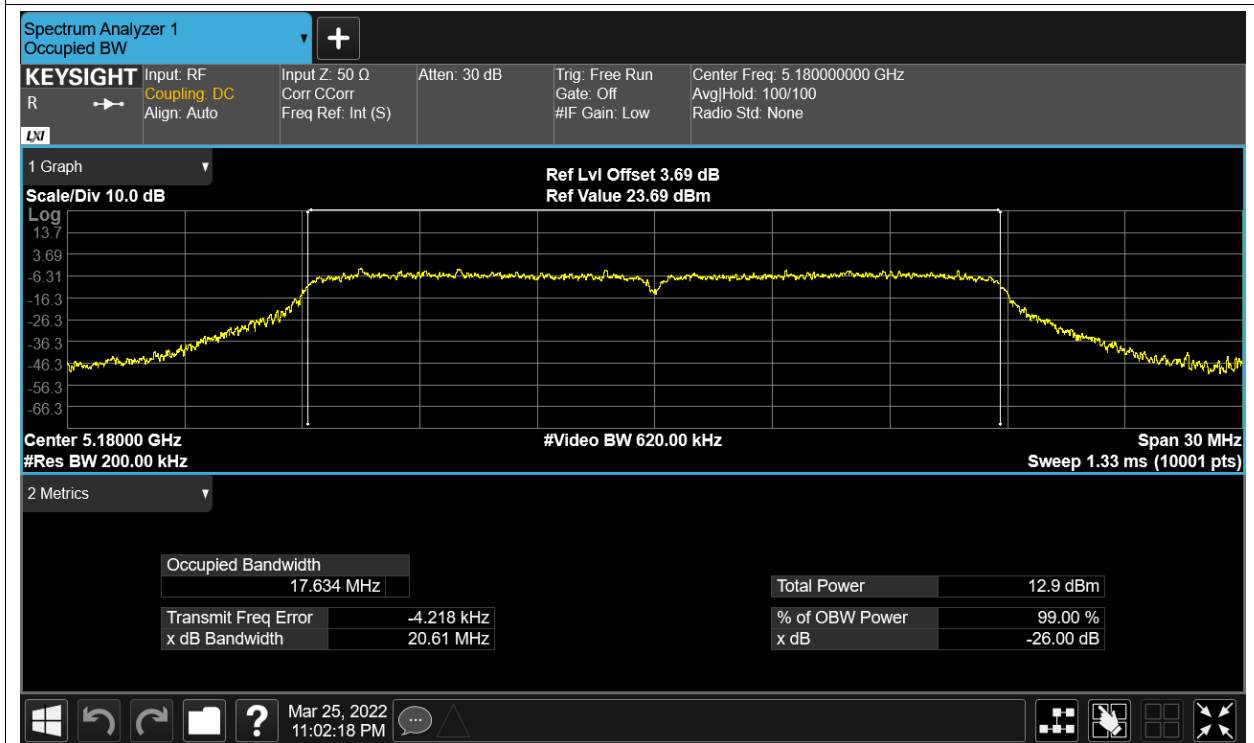
OBW NVNT ac40 5230MHz Ant1



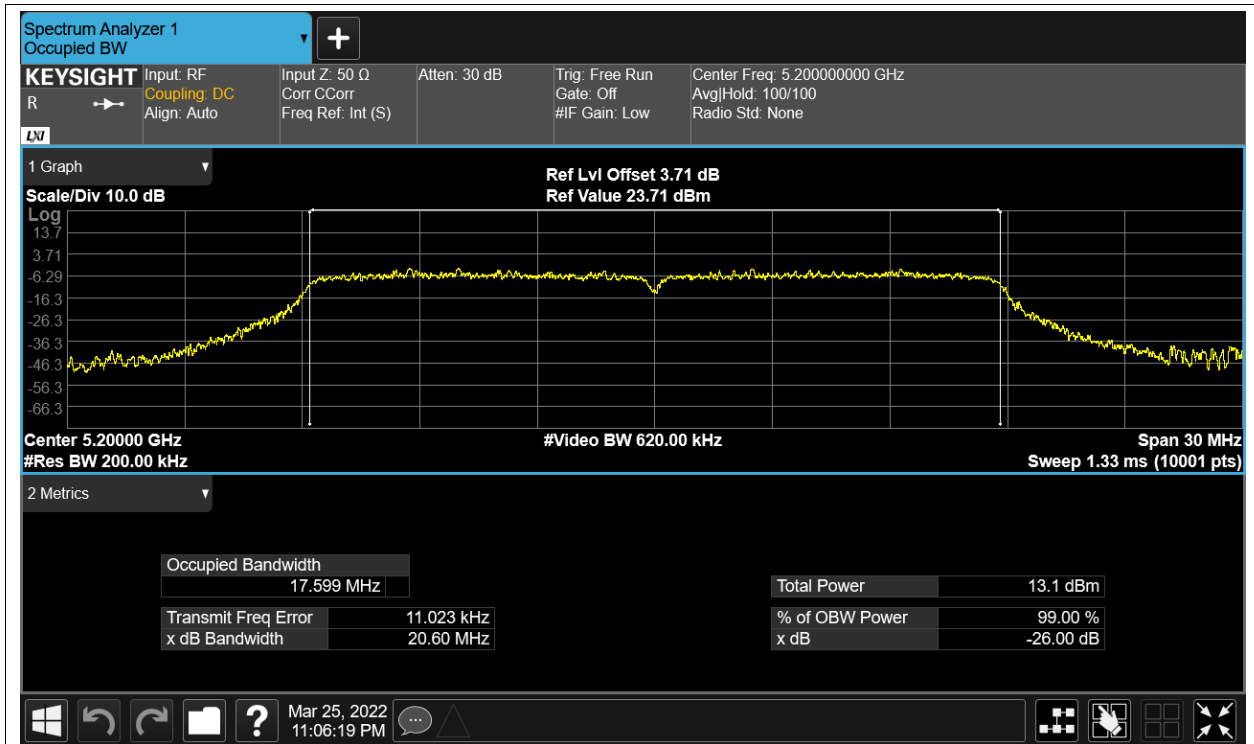
OBW NVNT ac80 5210MHz Ant1



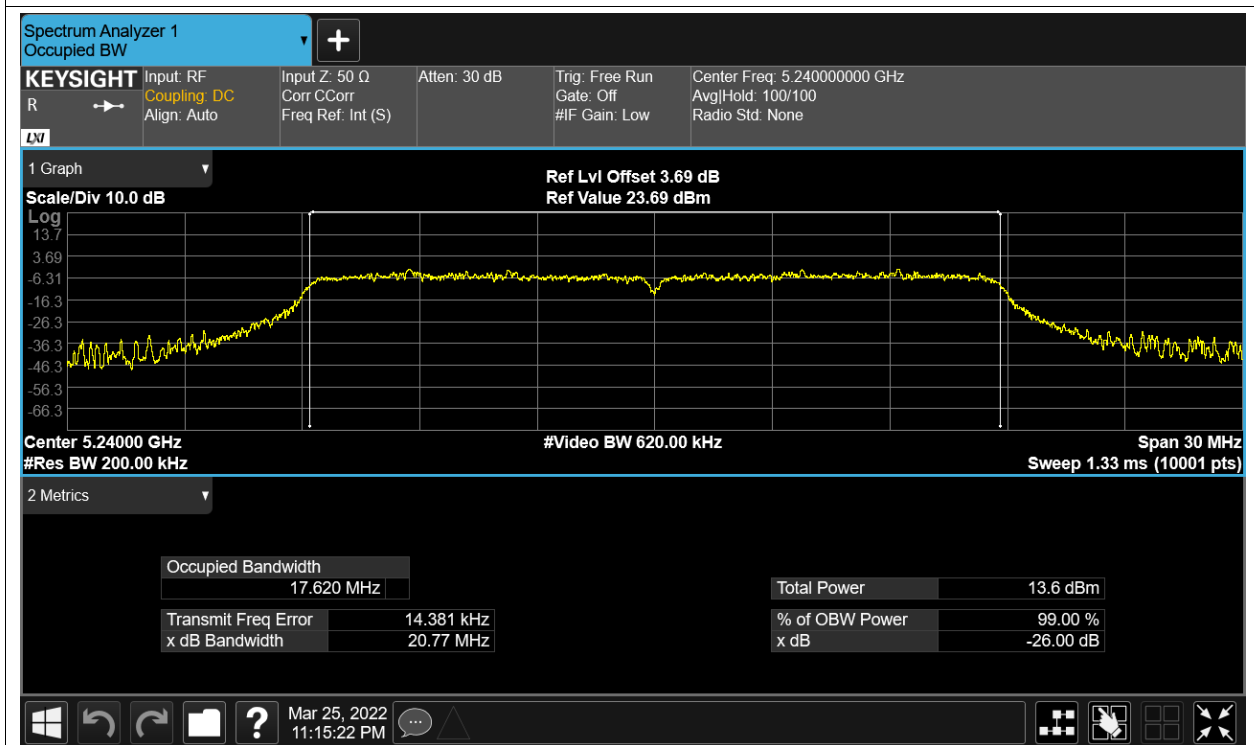
OBW NVNT n20 5180MHz Ant1



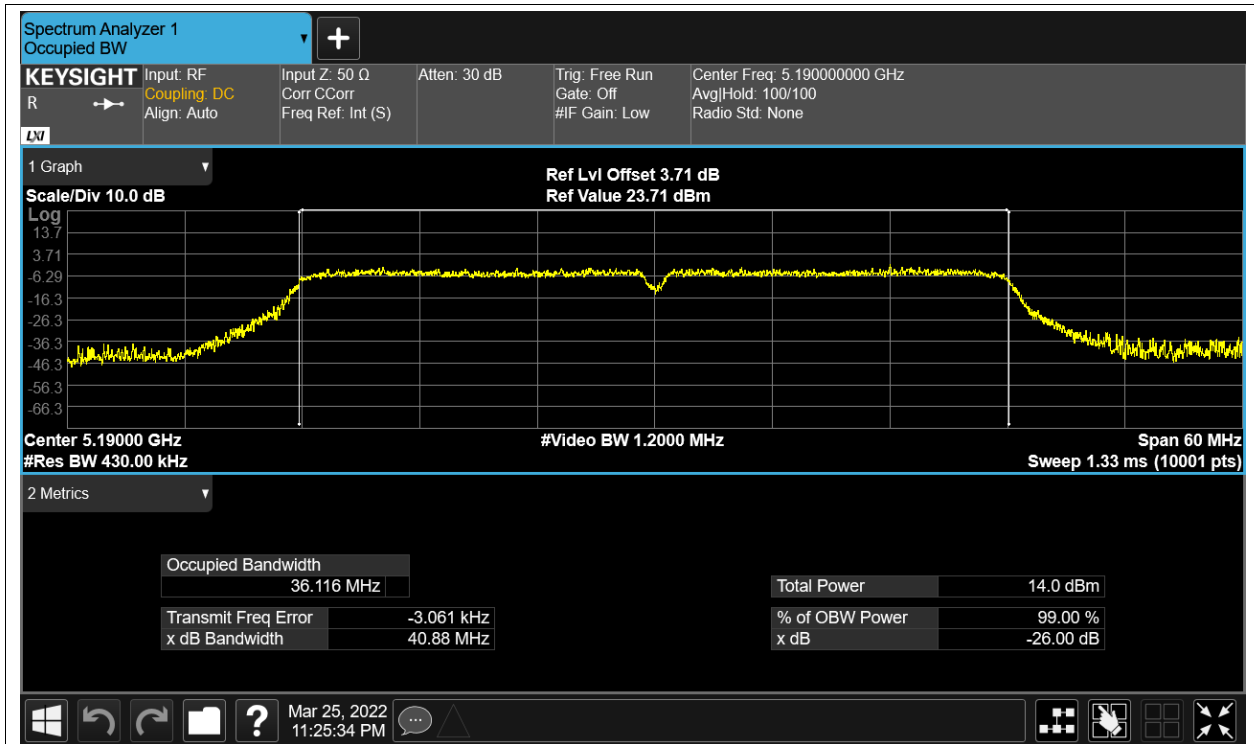
OBW NVNT n20 5200MHz Ant1



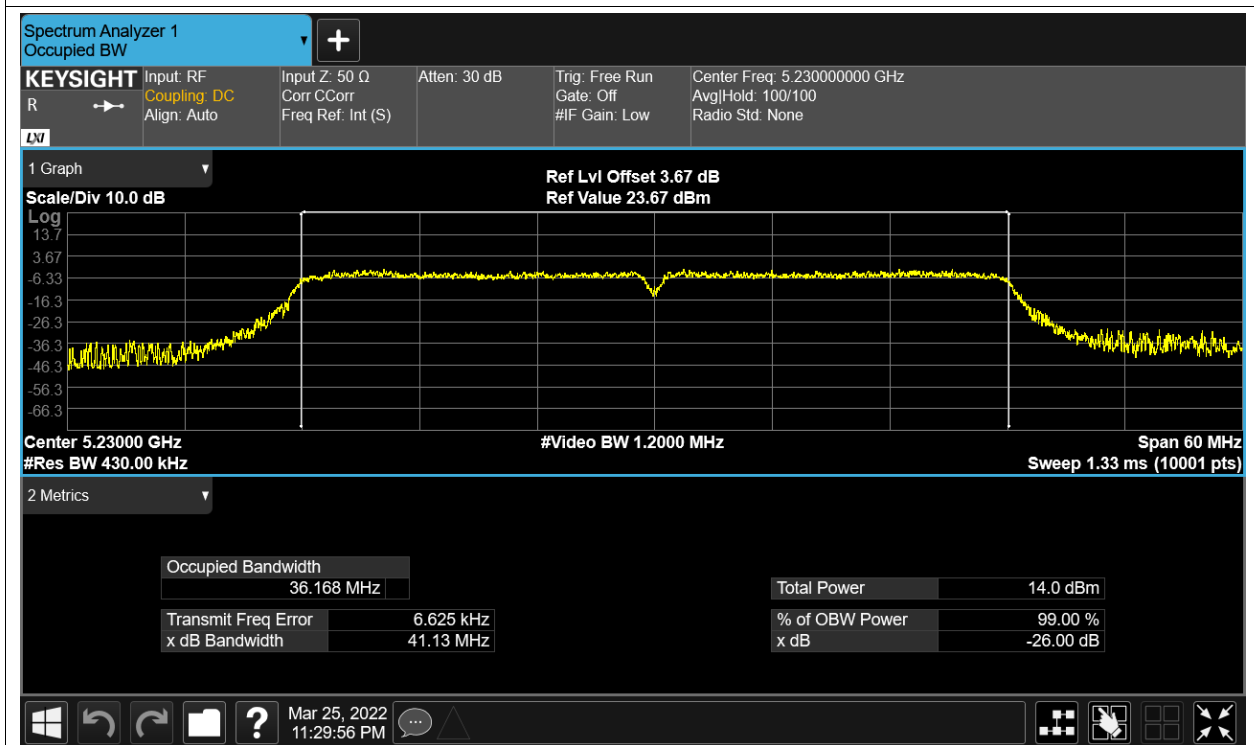
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

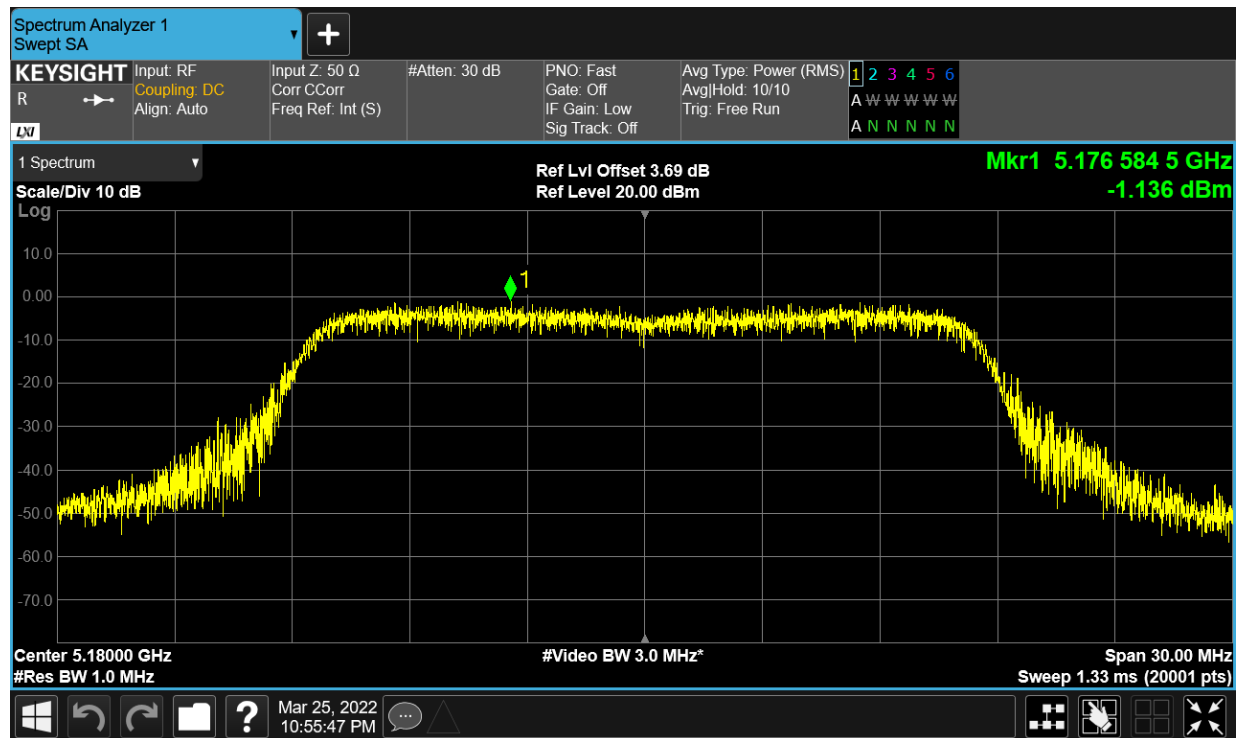


Maximum Power Spectral Density Level

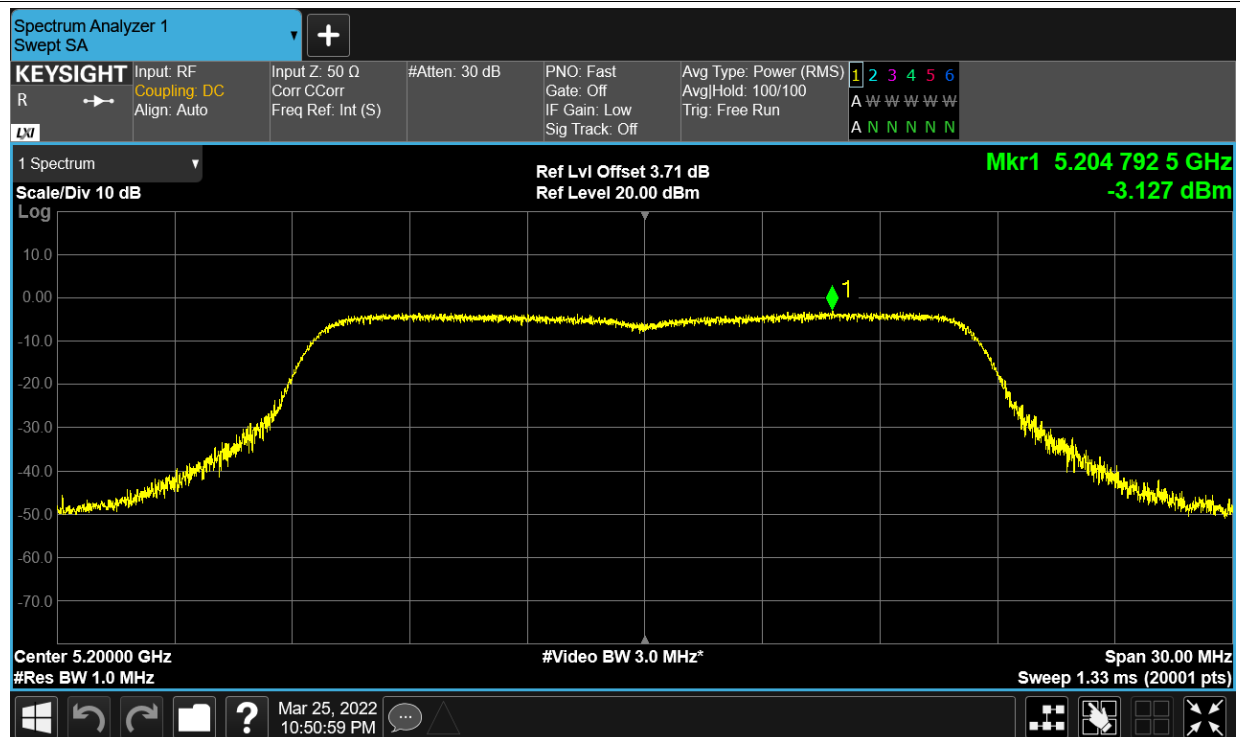
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.136	11	Pass
NVNT	a	5200	Ant1	-3.127	11	Pass
NVNT	a	5240	Ant1	-2.457	11	Pass
NVNT	ac20	5180	Ant1	-3.619	11	Pass
NVNT	ac20	5200	Ant1	-3.33	11	Pass
NVNT	ac20	5240	Ant1	-2.443	11	Pass
NVNT	ac40	5190	Ant1	-6.056	11	Pass
NVNT	ac40	5230	Ant1	-5.396	11	Pass
NVNT	ac80	5210	Ant1	-7.819	11	Pass
NVNT	n20	5180	Ant1	-3.641	11	Pass
NVNT	n20	5200	Ant1	-3.186	11	Pass
NVNT	n20	5240	Ant1	-2.95	11	Pass
NVNT	n40	5190	Ant1	-5.63	11	Pass
NVNT	n40	5230	Ant1	-5.607	11	Pass

Test Graphs

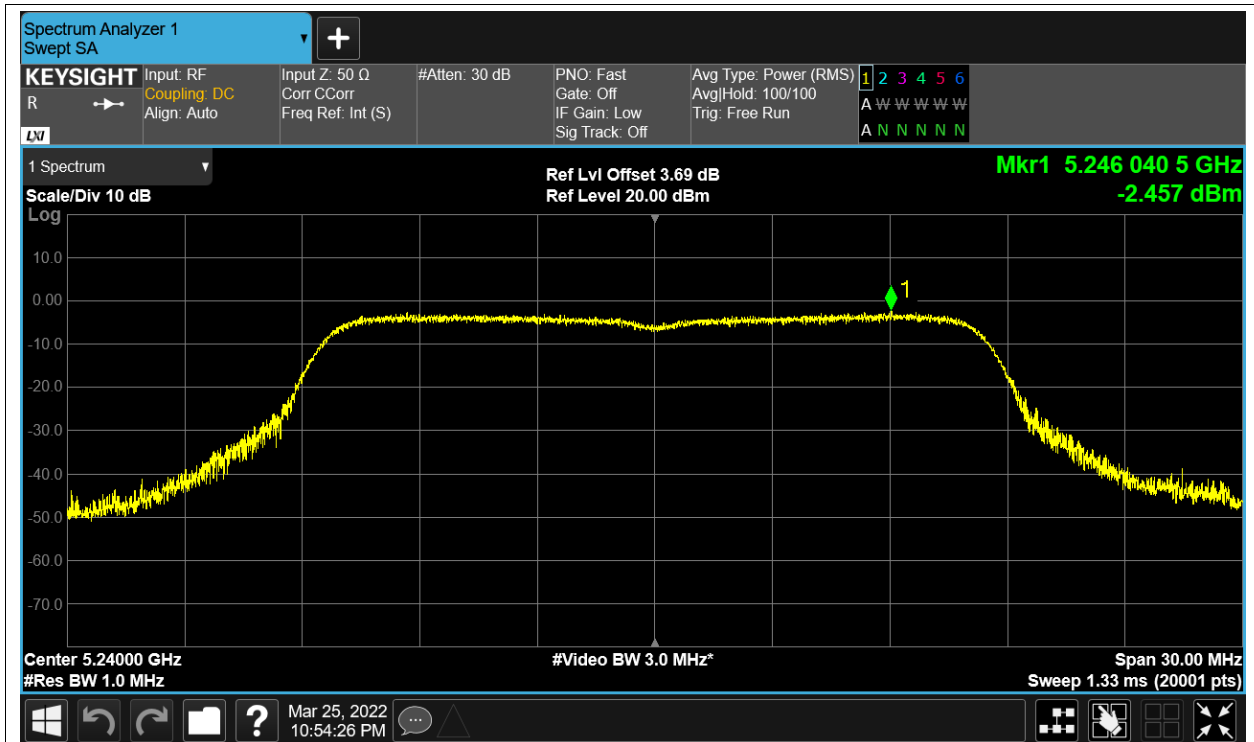
PSD NVNT a 5180MHz Ant1



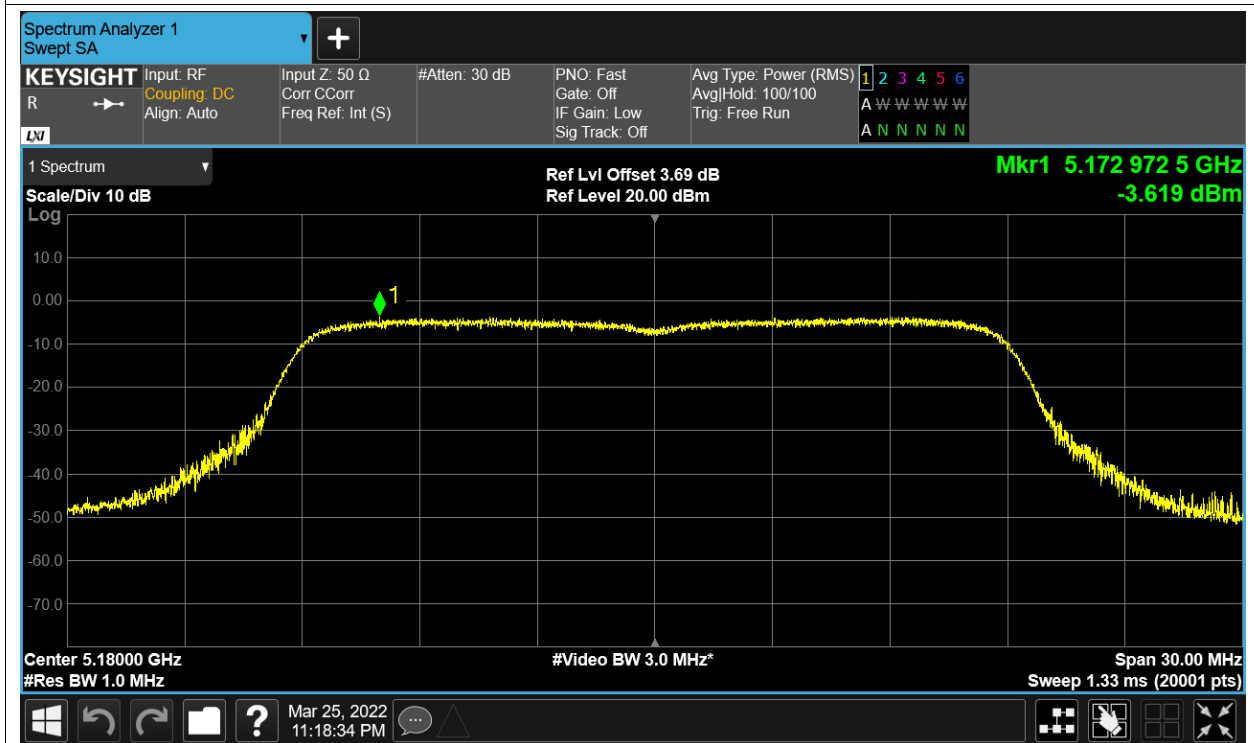
PSD NVNT a 5200MHz Ant1



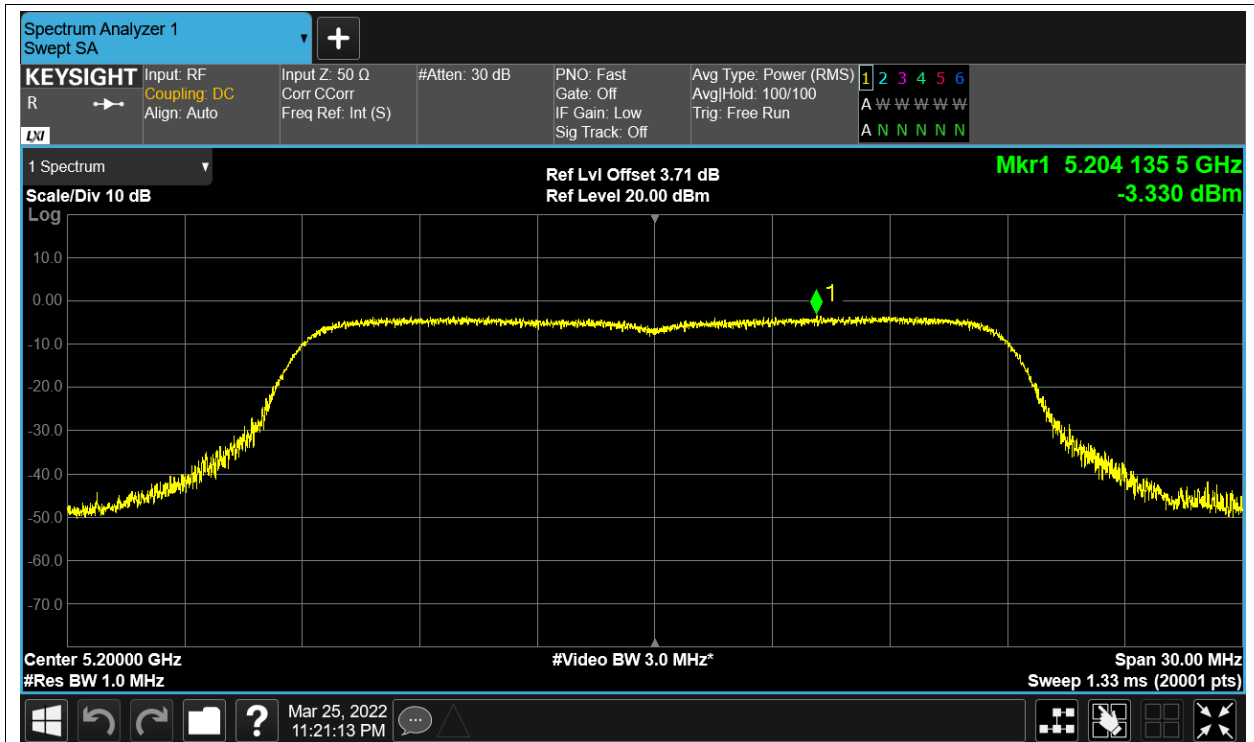
PSD NVNT a 5240MHz Ant1



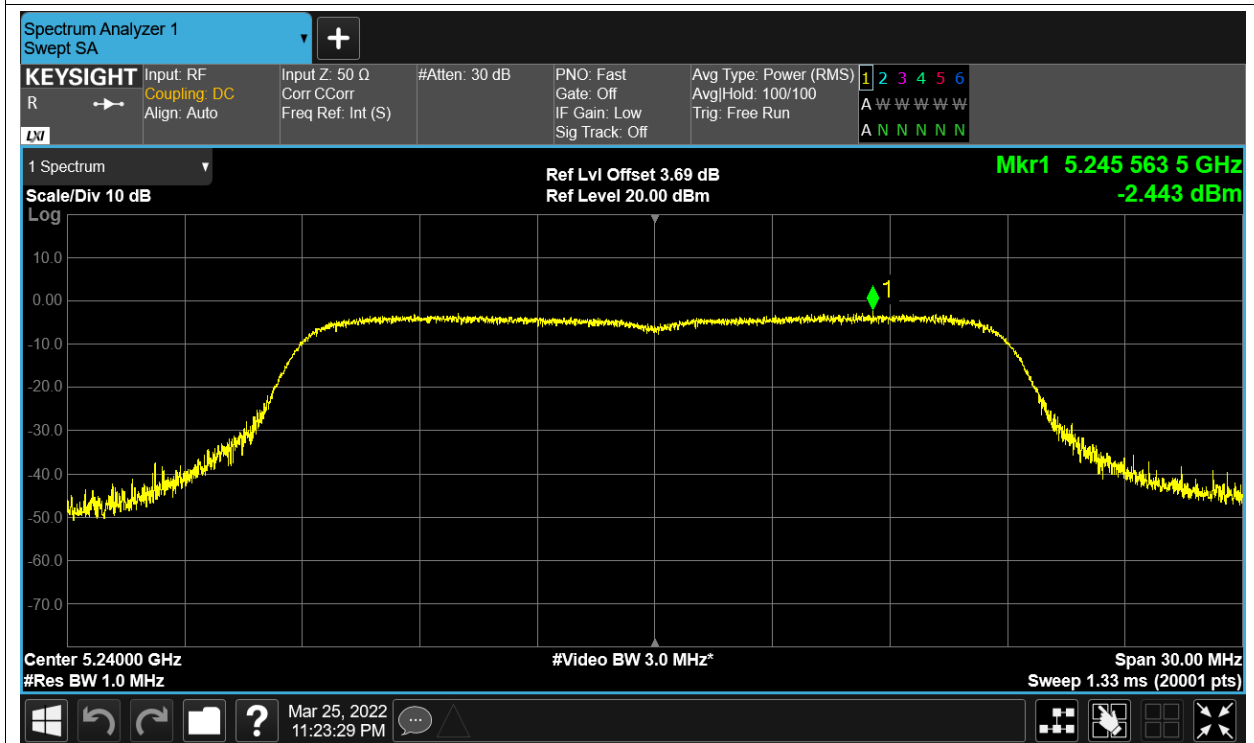
PSD NVNT ac20 5180MHz Ant1



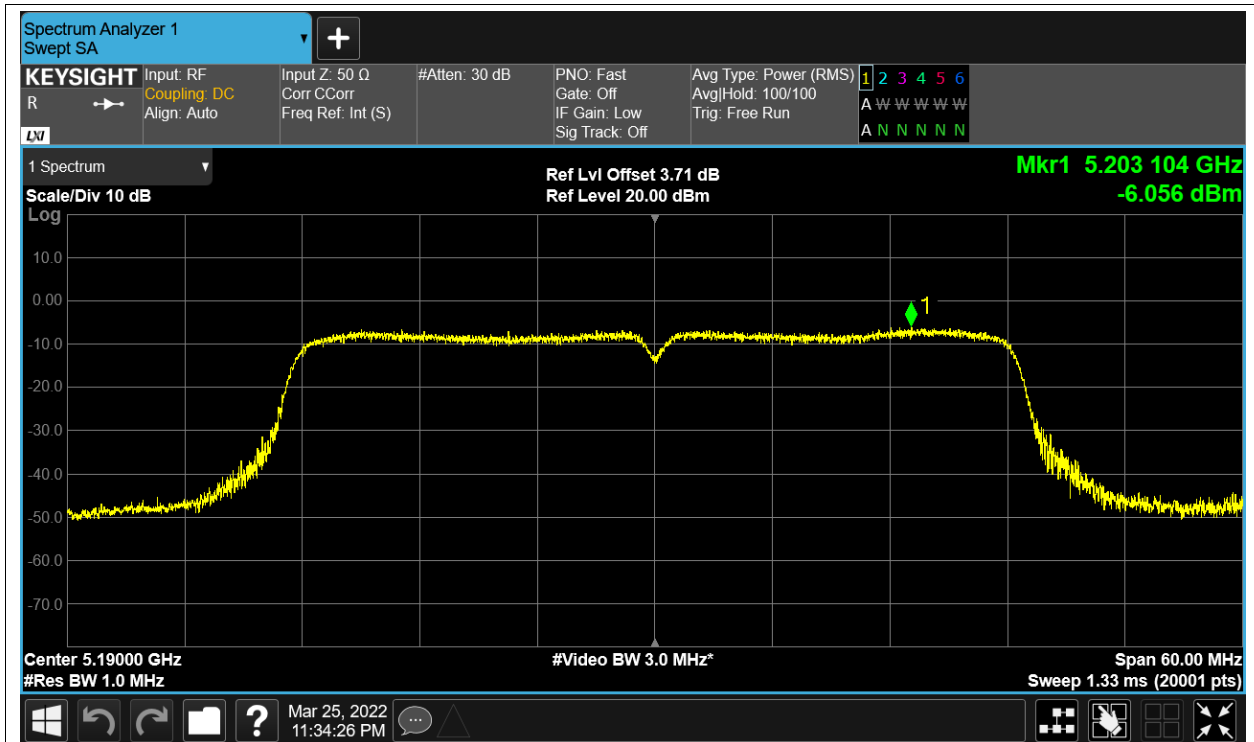
PSD NVNT ac20 5200MHz Ant1



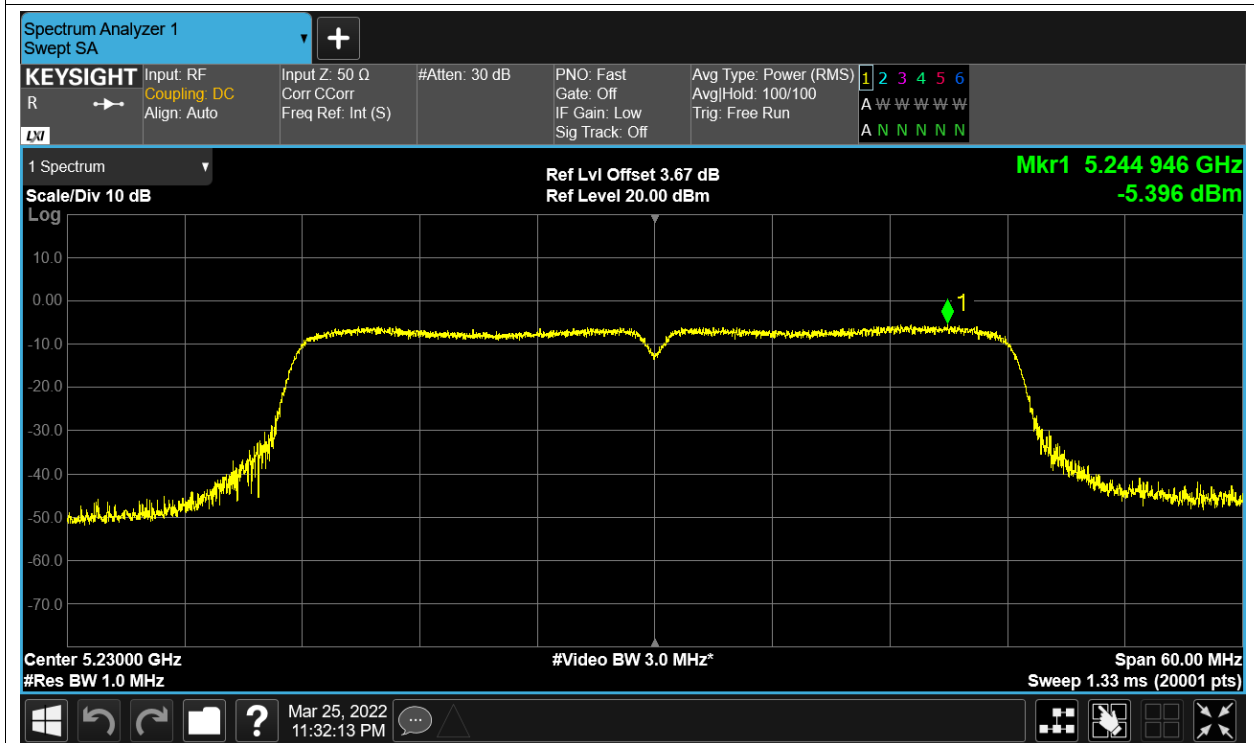
PSD NVNT ac20 5240MHz Ant1



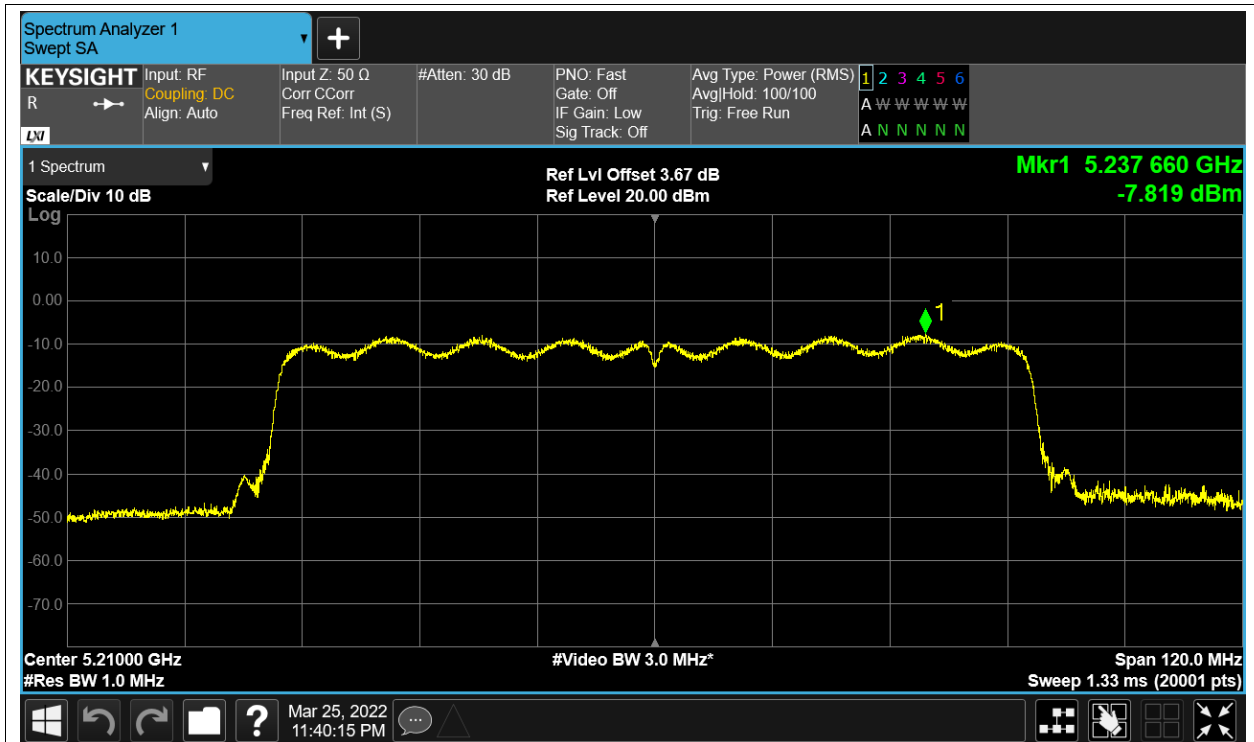
PSD NVNT ac40 5190MHz Ant1



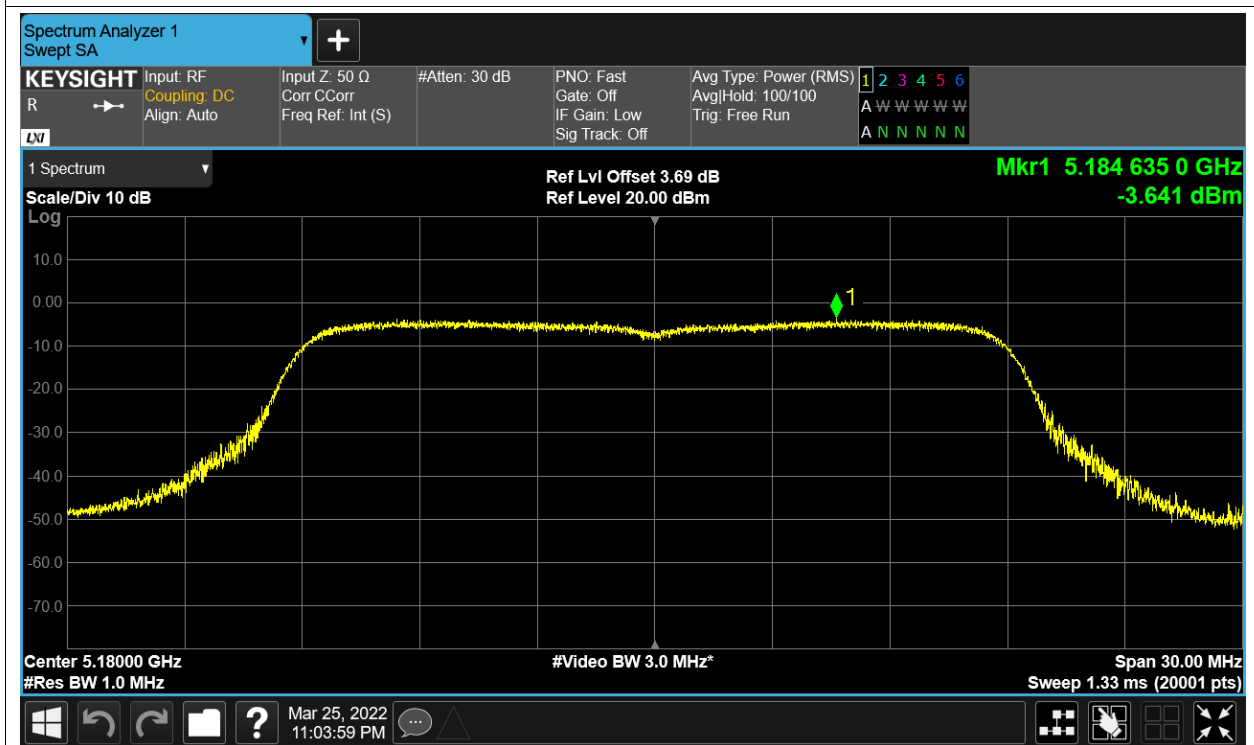
PSD NVNT ac40 5230MHz Ant1



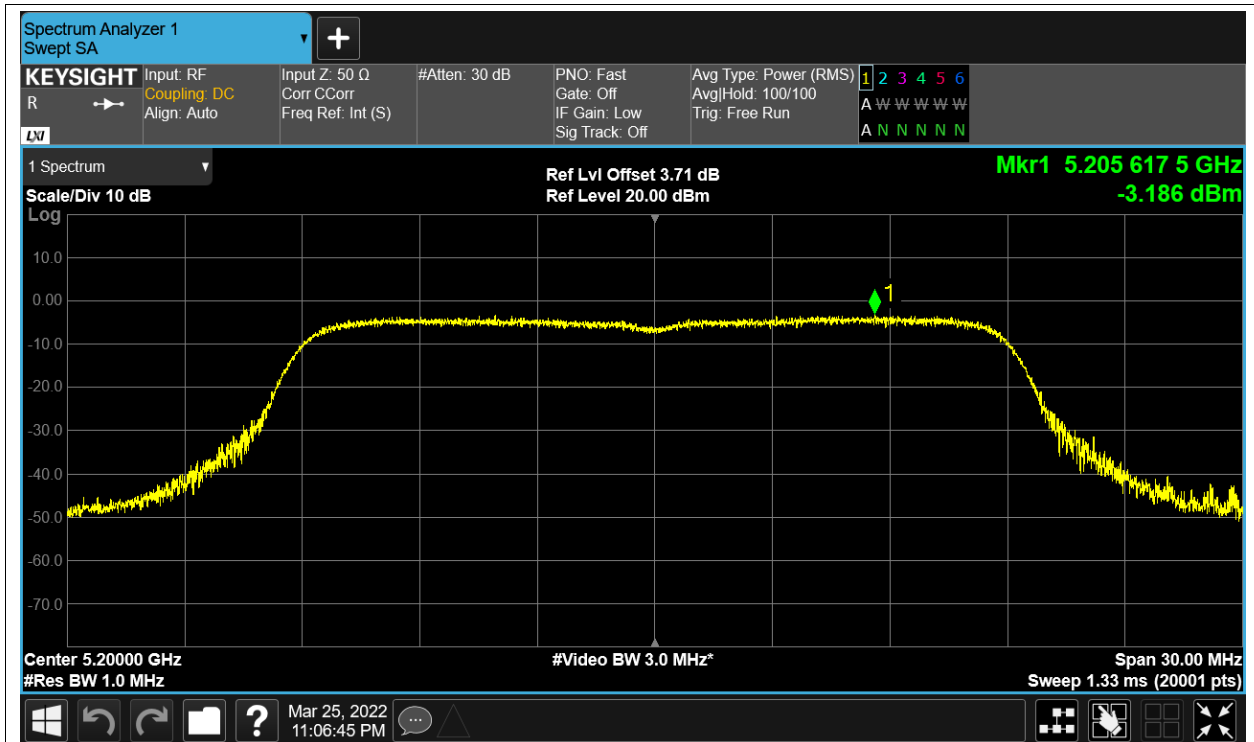
PSD NVNT ac80 5210MHz Ant1



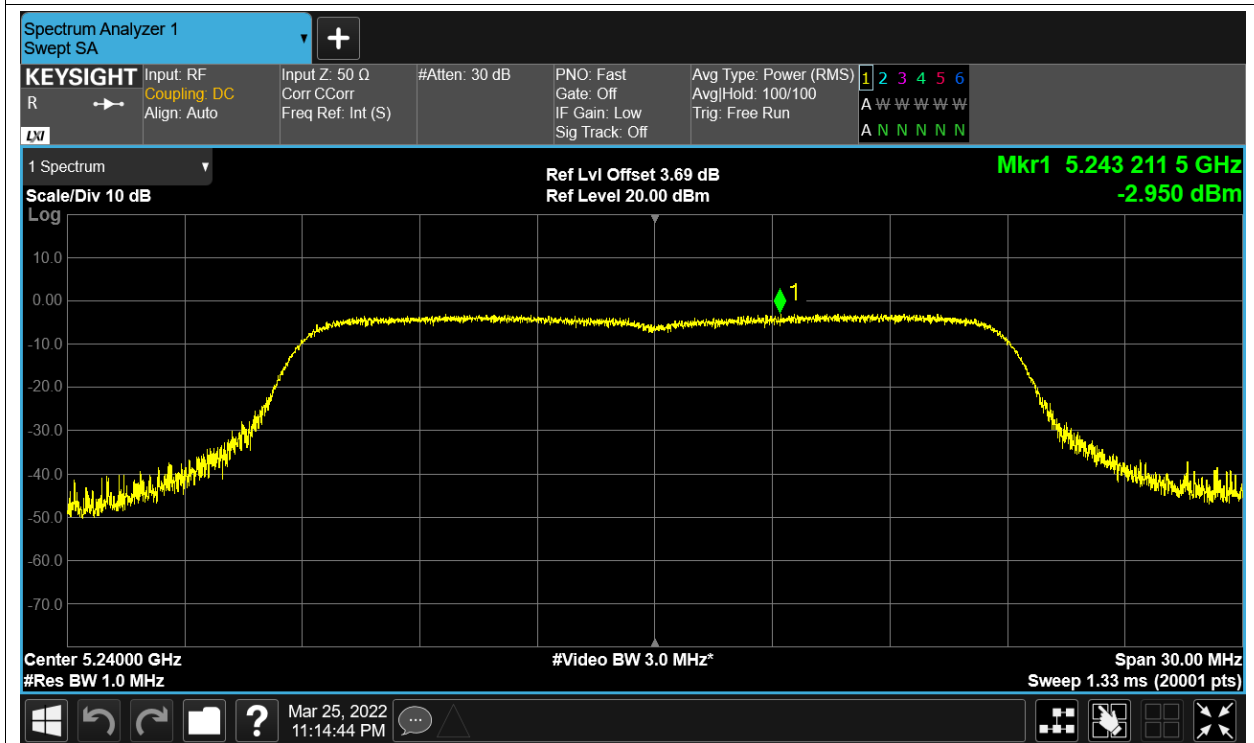
PSD NVNT n20 5180MHz Ant1



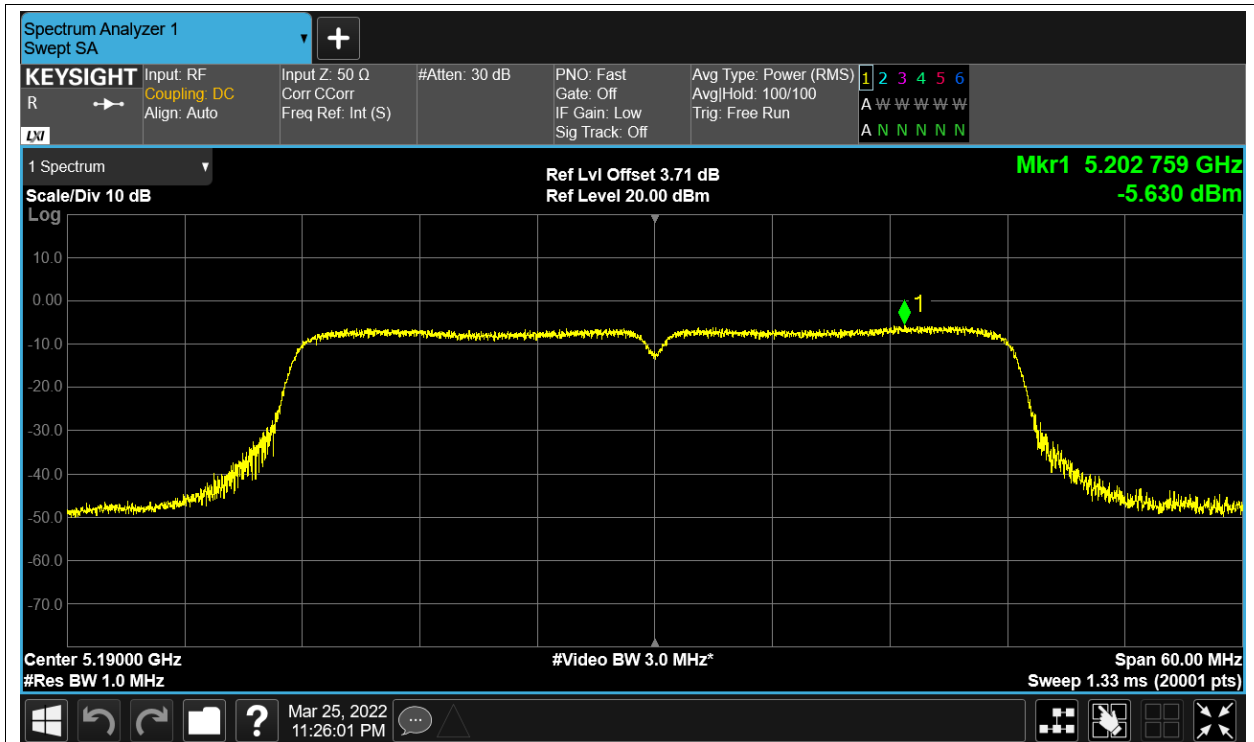
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

