

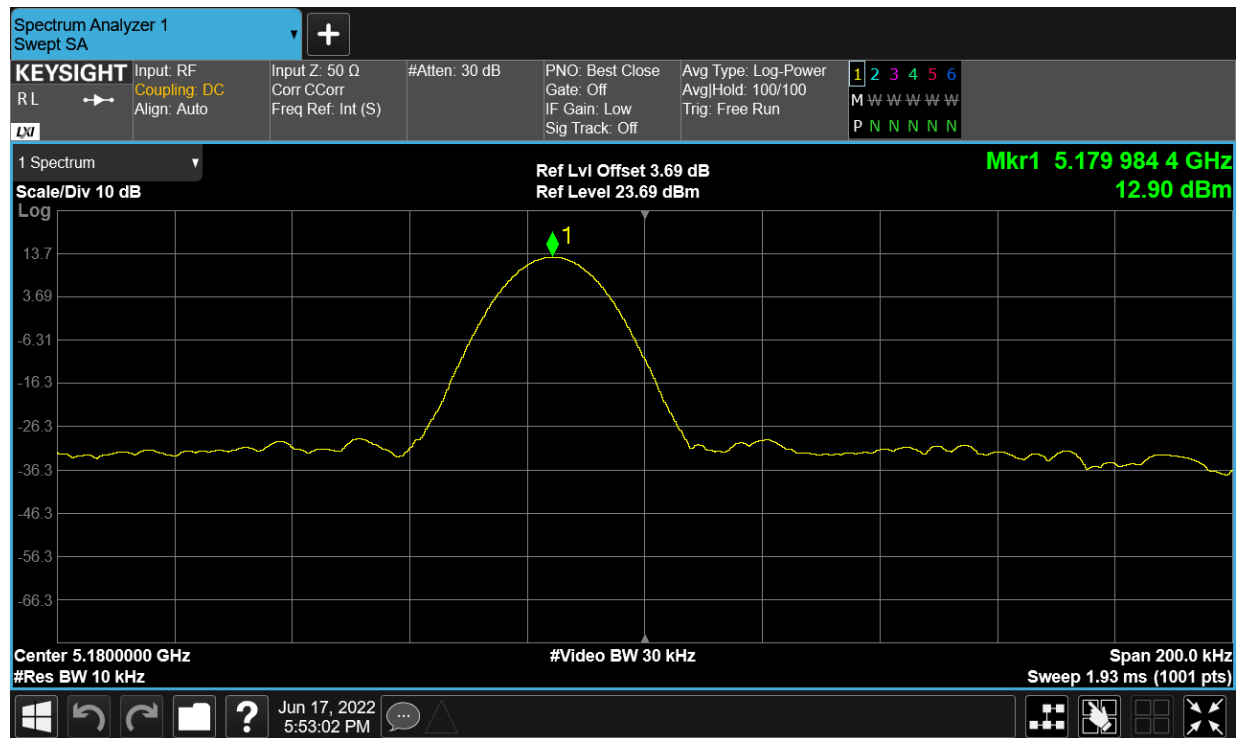
Test Data

Frequency Stability

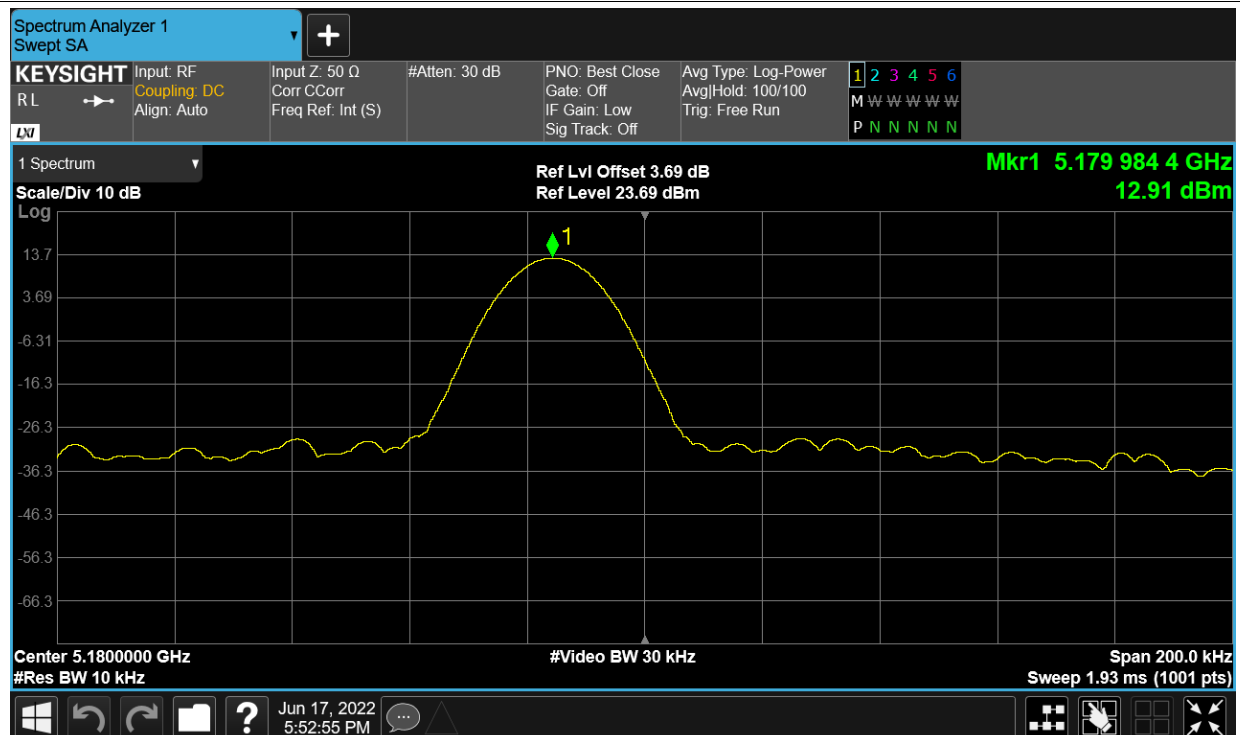
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant2	5179.9844	-3.01	Within authorized band	Pass
LVNT	a	5180	Ant2	5179.9844	-3.01		Pass
NVHT	a	5180	Ant2	5179.9844	-3.01		Pass
NVLT	a	5180	Ant2	5179.9844	-3.01		Pass
NVNT	a	5180	Ant2	5179.9844	-3.01		Pass
HVNT	ac80	5210	Ant2	5209.9842	-3.03		Pass
LVNT	ac80	5210	Ant2	5209.9844	-2.99		Pass
NVHT	ac80	5210	Ant2	5209.9842	-3.03		Pass
NVLT	ac80	5210	Ant2	5209.9844	-2.99		Pass
NVNT	ac80	5210	Ant2	5209.9846	-2.96		Pass
HVNT	n40	5190	Ant2	5189.9844	-3.01		Pass
LVNT	n40	5190	Ant2	5189.9844	-3.01		Pass
NVHT	n40	5190	Ant2	5189.9844	-3.01		Pass
NVLT	n40	5190	Ant2	5189.9844	-3.01		Pass
NVNT	n40	5190	Ant2	5189.9844	-3.01		Pass
Remark: “NTNV” means Normal Temperature Normal Voltage, “NVHT” means Normal Voltage High Temperature, “NVLT” means Normal Voltage Low Temperature, “LVNT” means Low Voltage Normal Temperature, “HVNT” means High Voltage Normal Temperature.							

Test Graphs

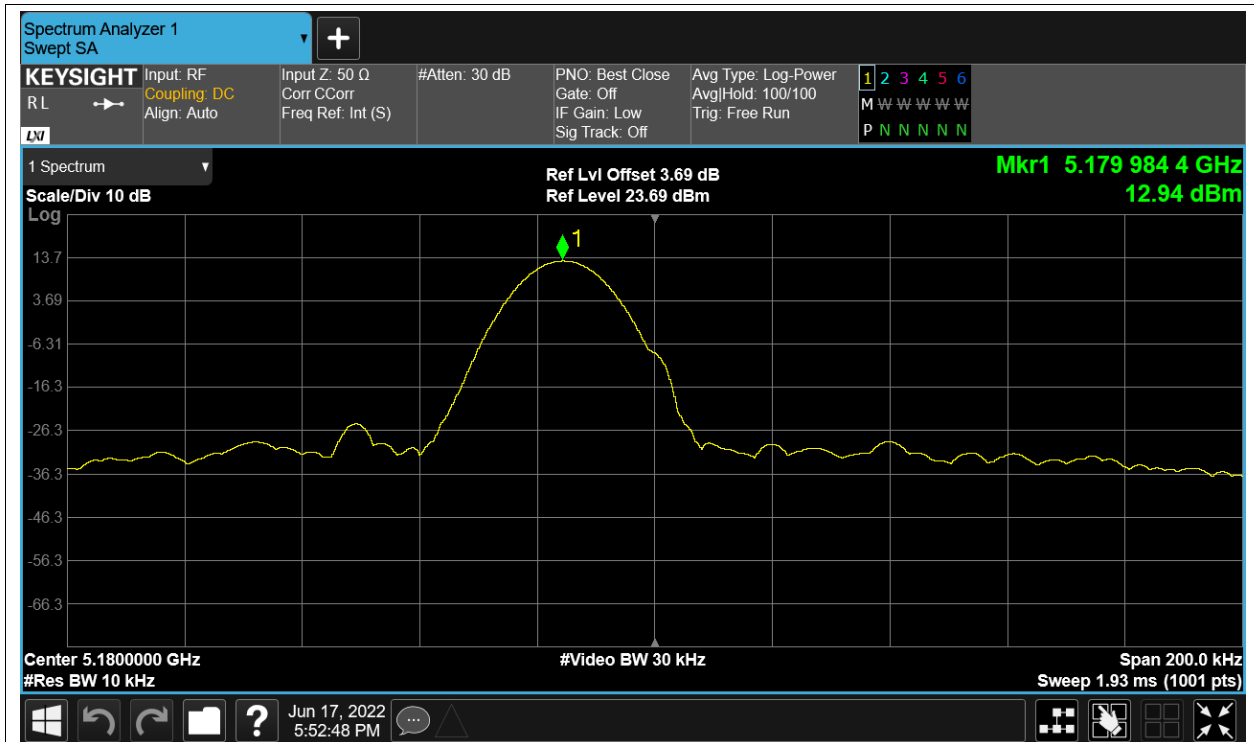
Freq. Stability HVNT a 5180MHz Ant2



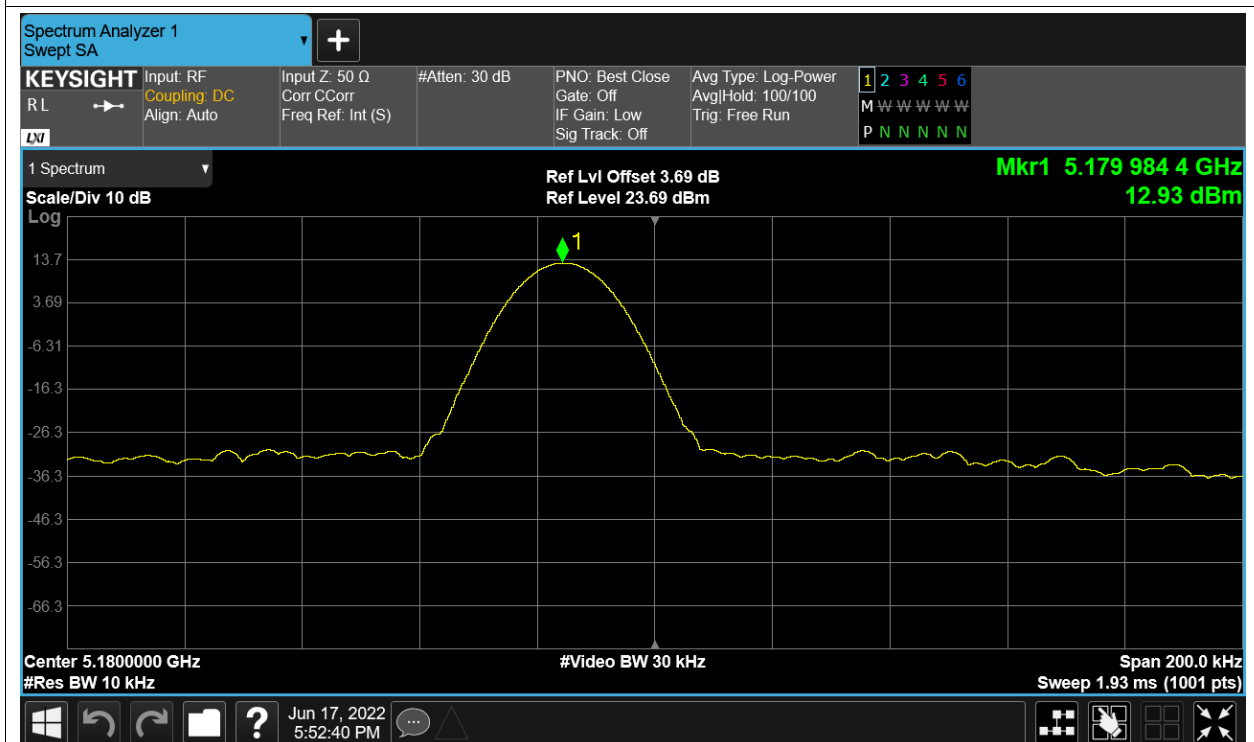
Freq. Stability LVNT a 5180MHz Ant2



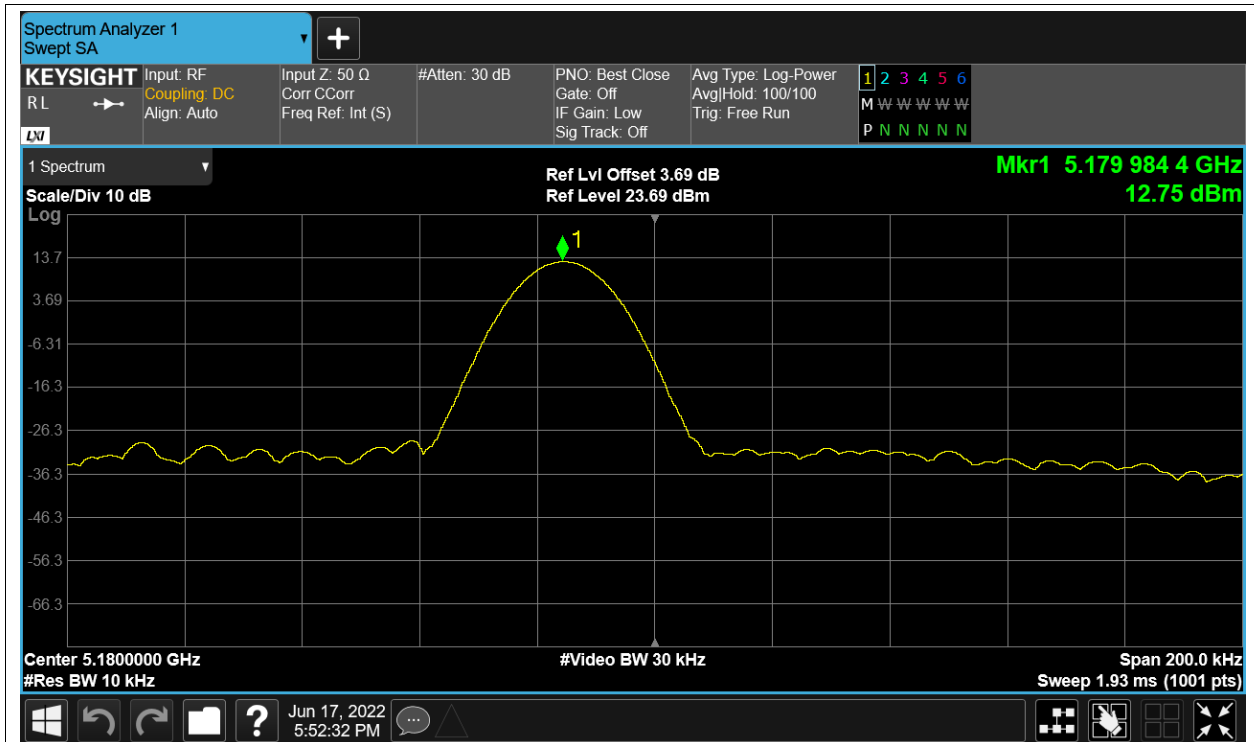
Freq. Stability NVHT a 5180MHz Ant2



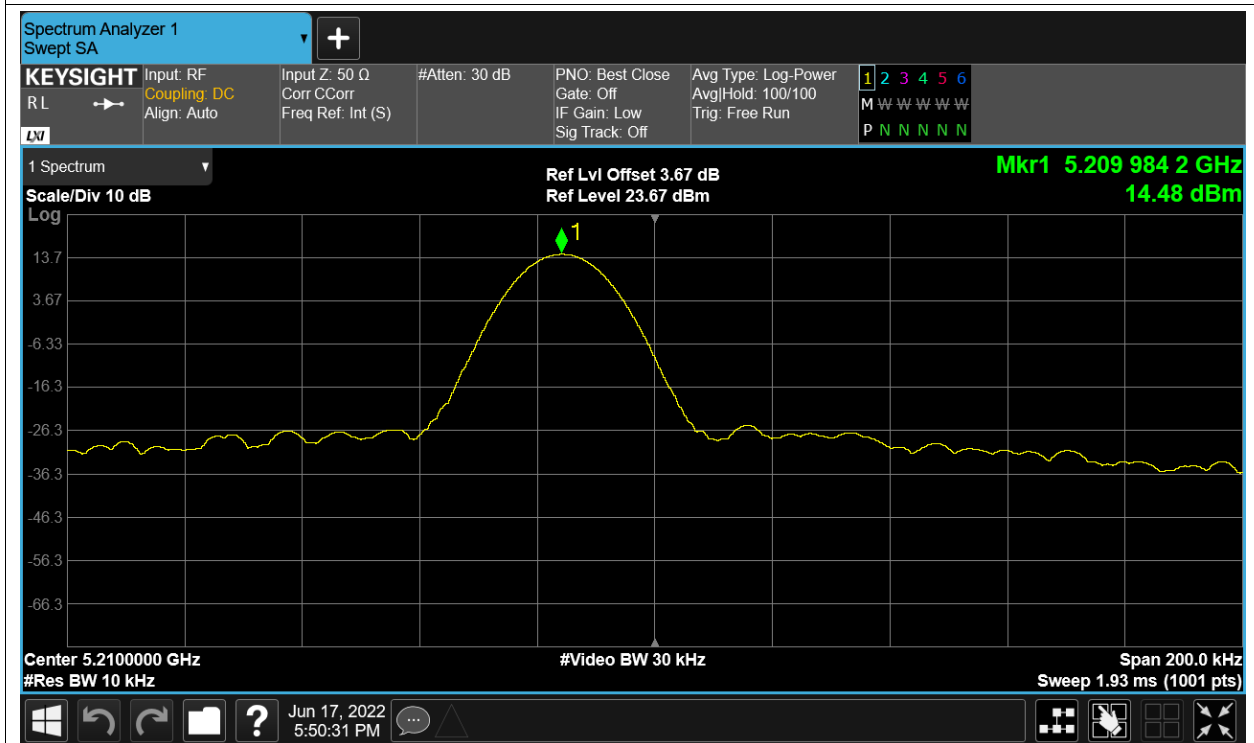
Freq. Stability NVLT a 5180MHz Ant2



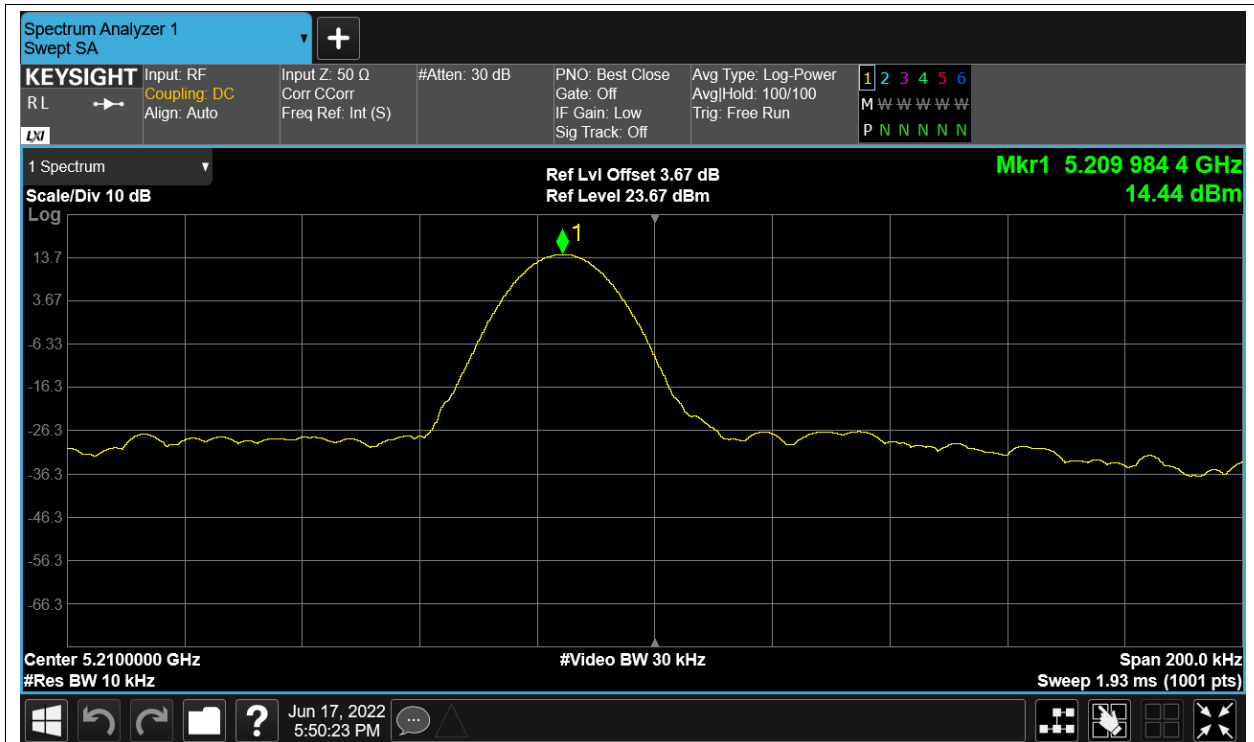
Freq. Stability NVNT a 5180MHz Ant2



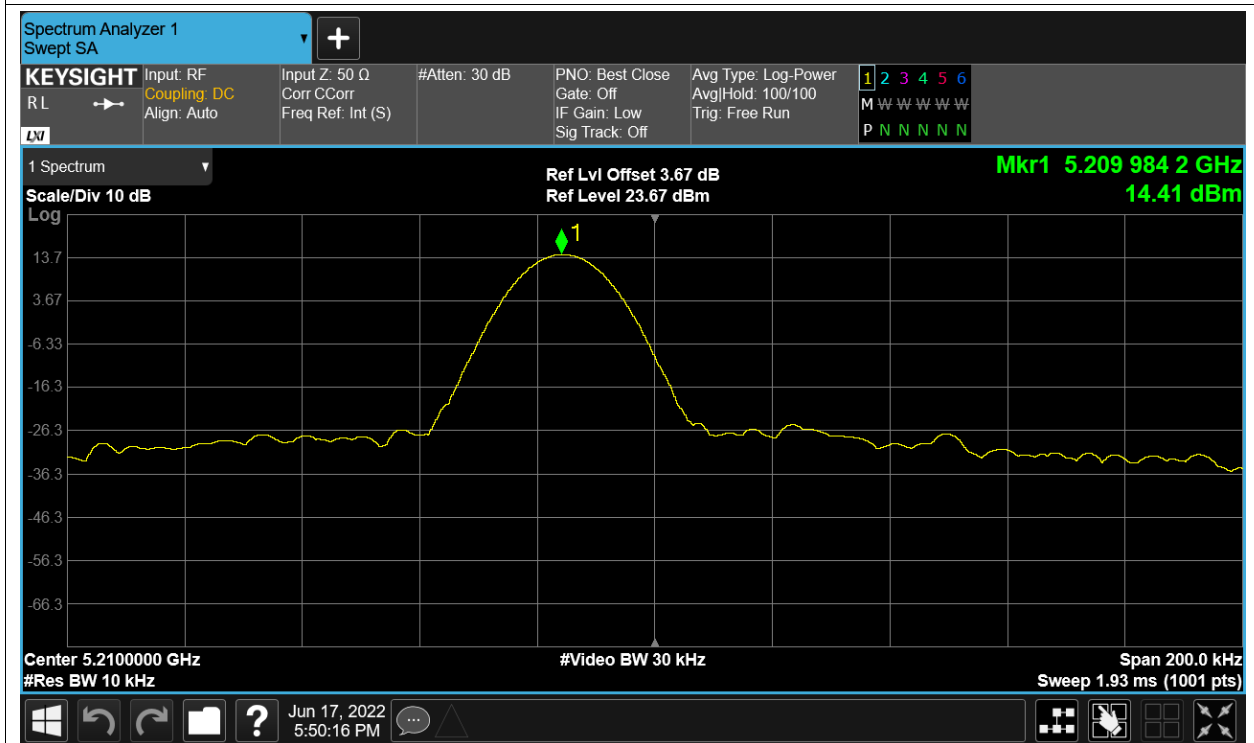
Freq. Stability HVNT ac80 5210MHz Ant2



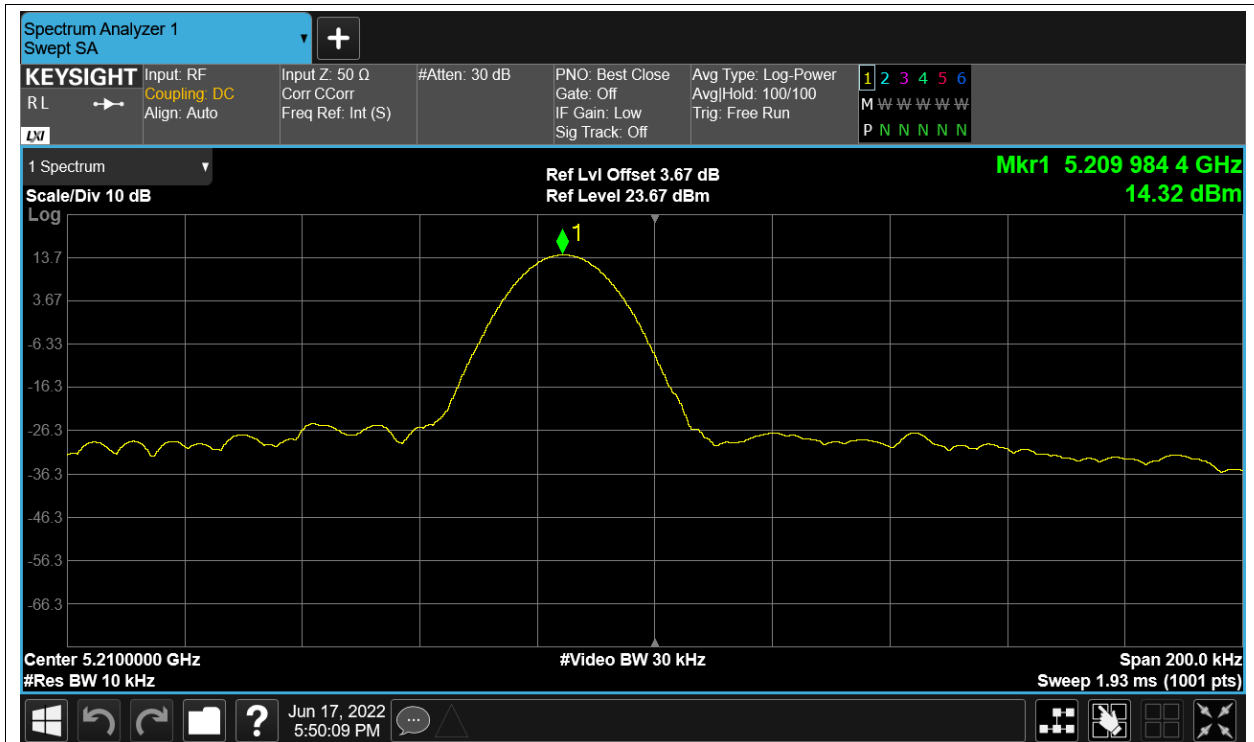
Freq. Stability LVNT ac80 5210MHz Ant2



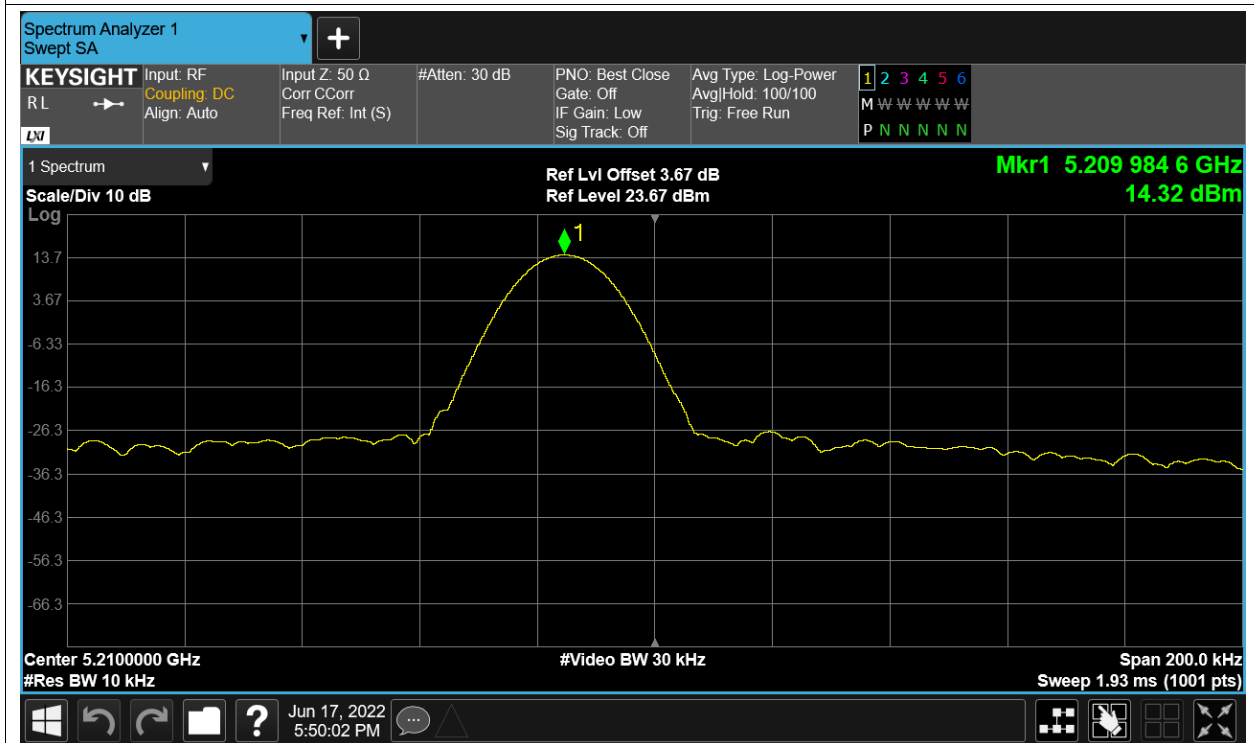
Freq. Stability NVHT ac80 5210MHz Ant2



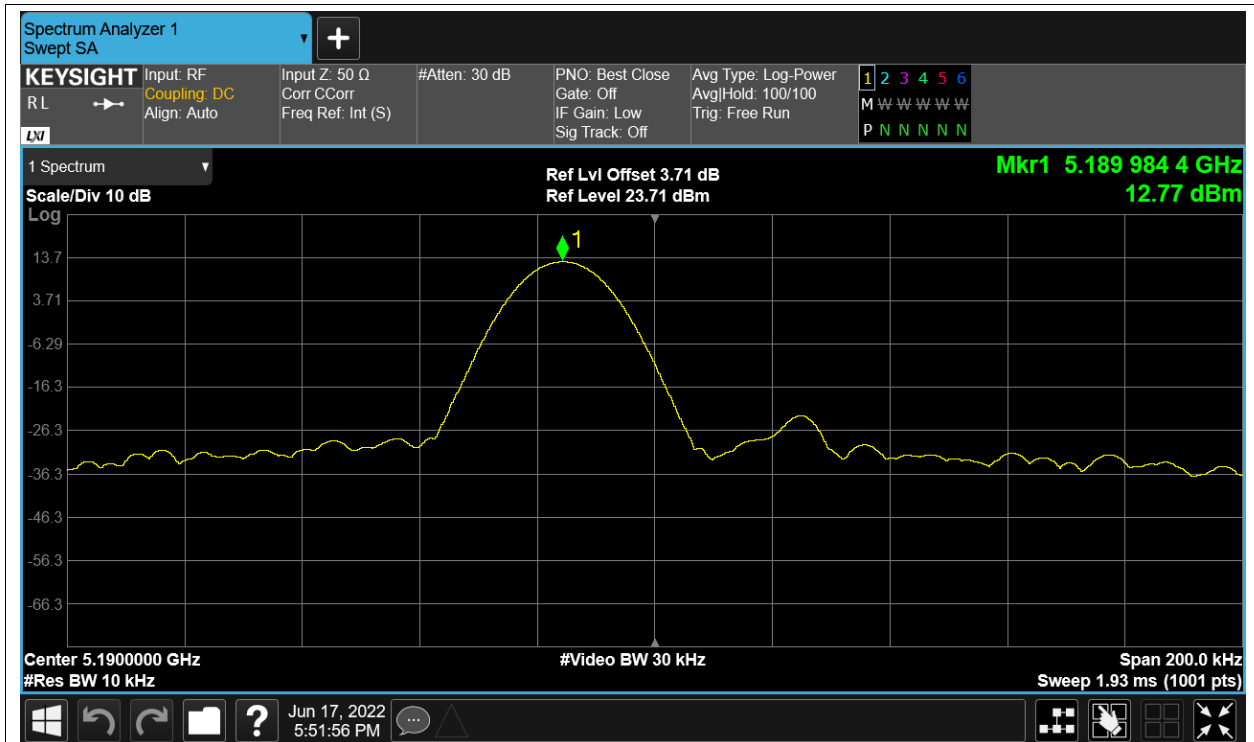
Freq. Stability NVLT ac80 5210MHz Ant2



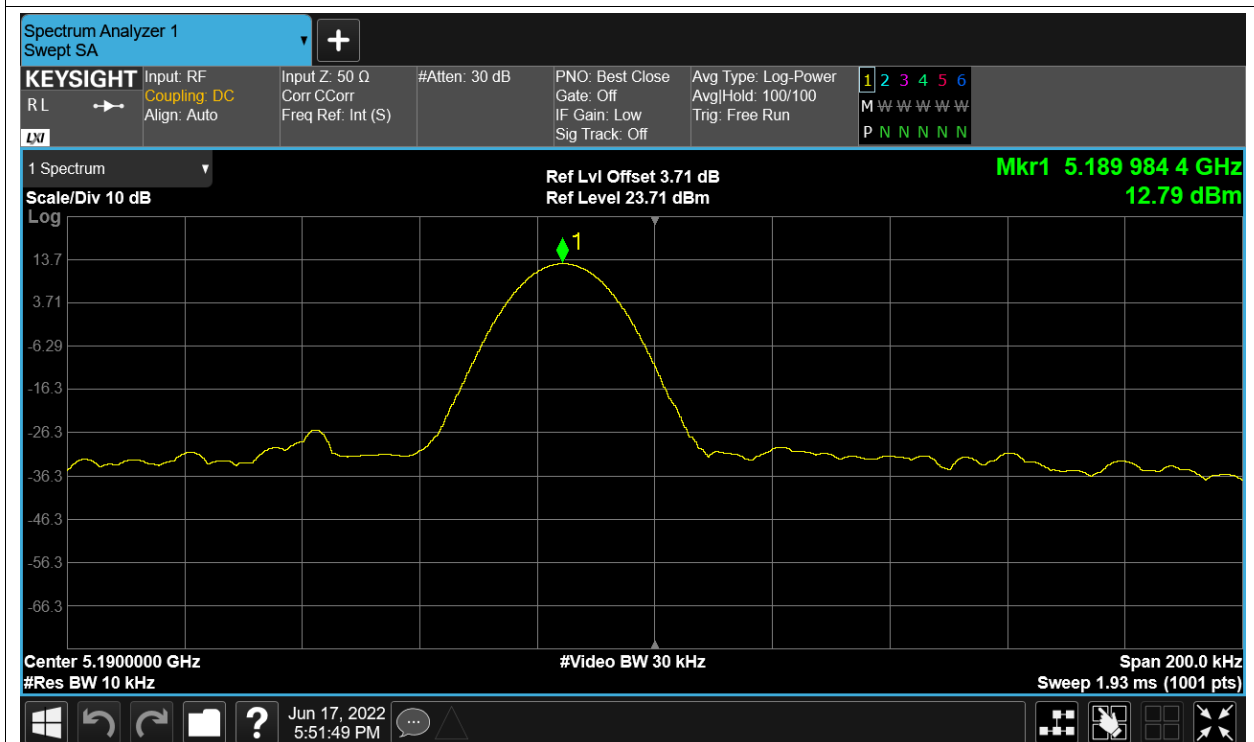
Freq. Stability NVNT ac80 5210MHz Ant2



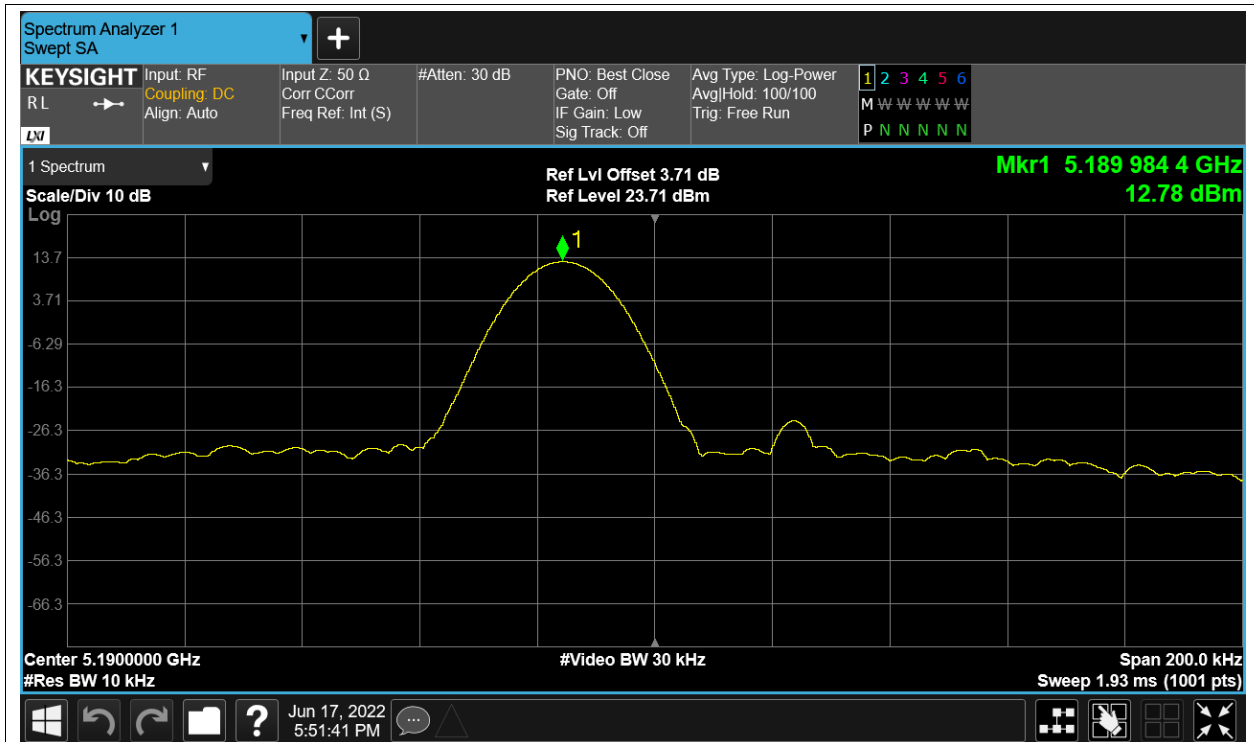
Freq. Stability HVNT n40 5190MHz Ant2



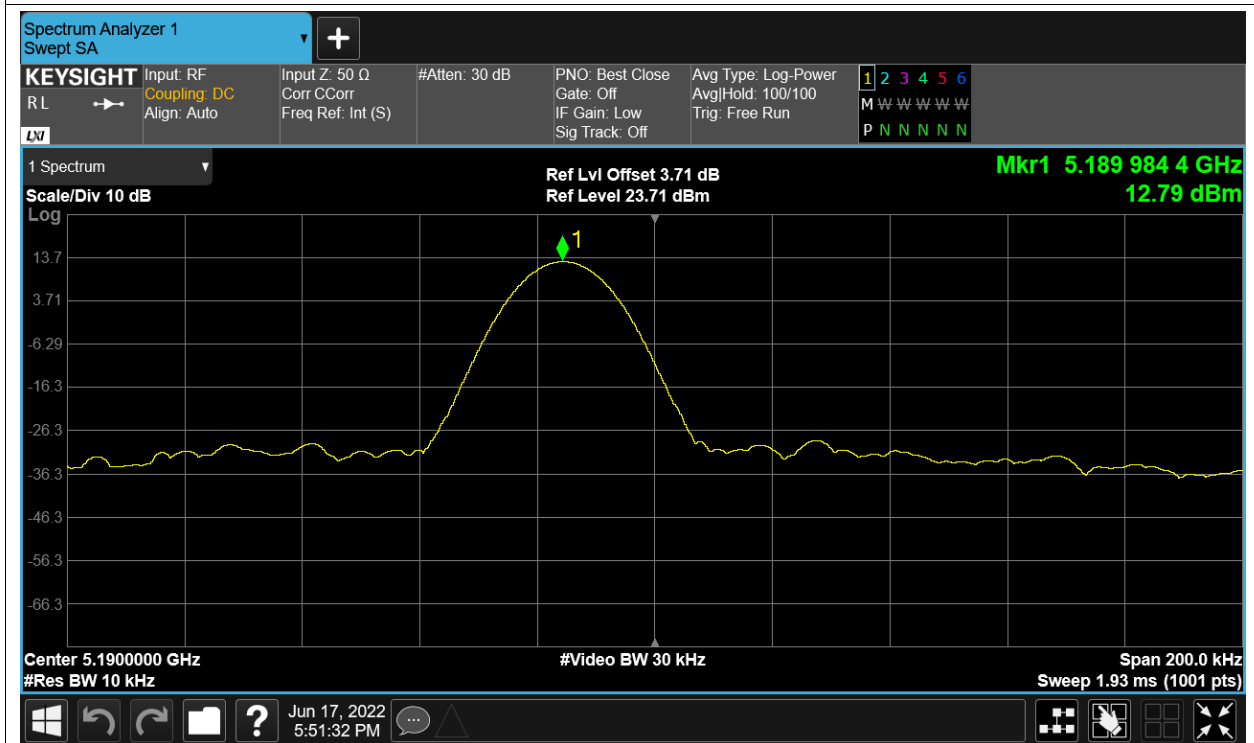
Freq. Stability LVNT n40 5190MHz Ant2



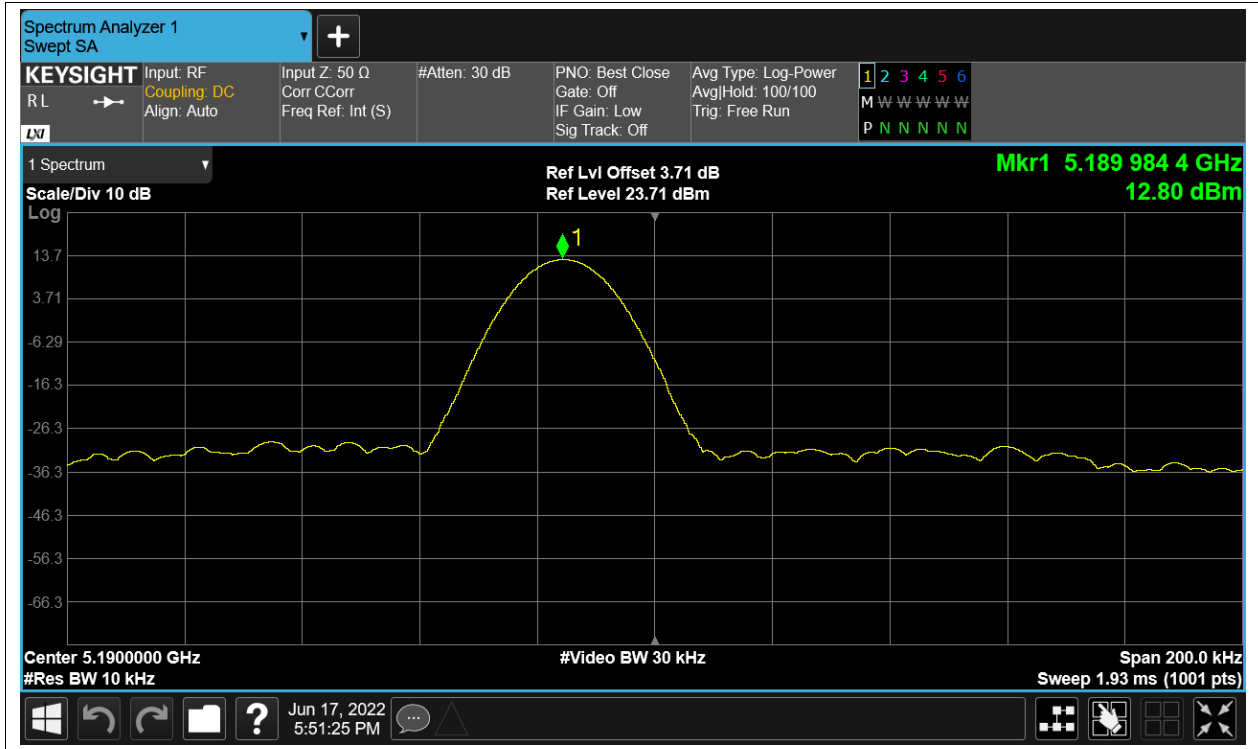
Freq. Stability NVHT n40 5190MHz Ant2



Freq. Stability NVLT n40 5190MHz Ant2



Freq. Stability NVNT n40 5190MHz Ant2

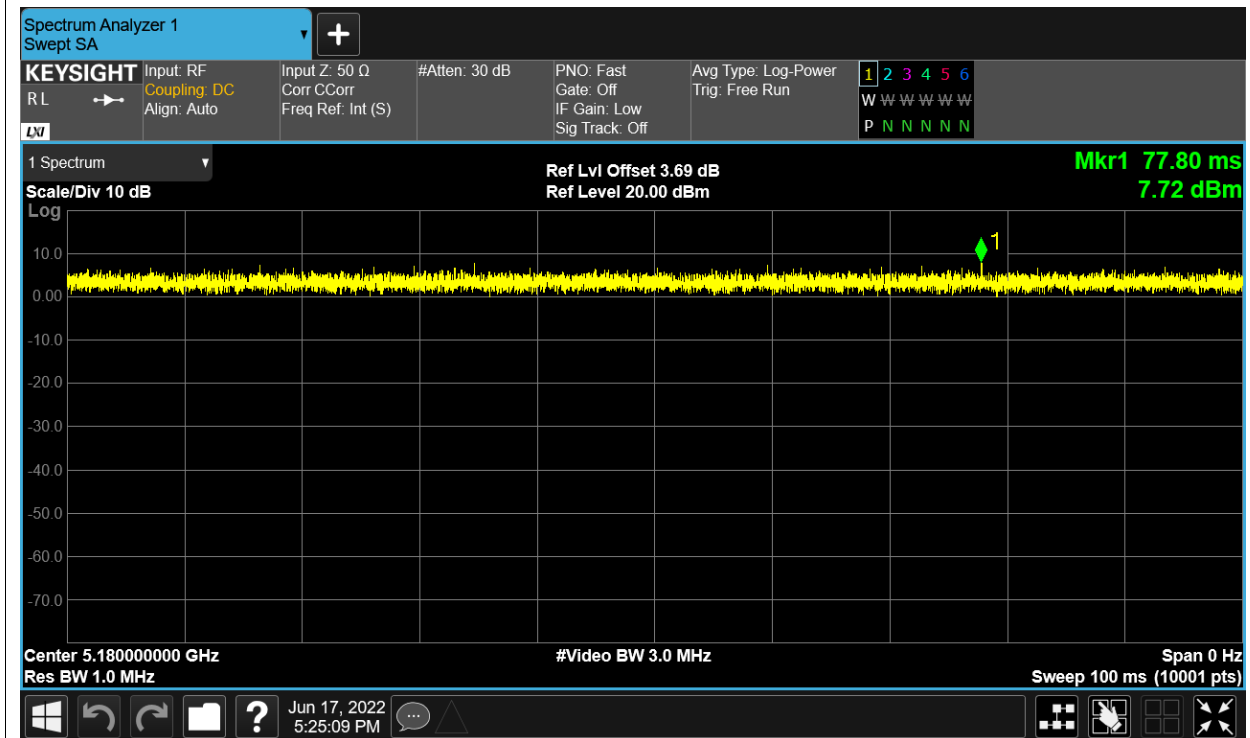


Duty Cycle

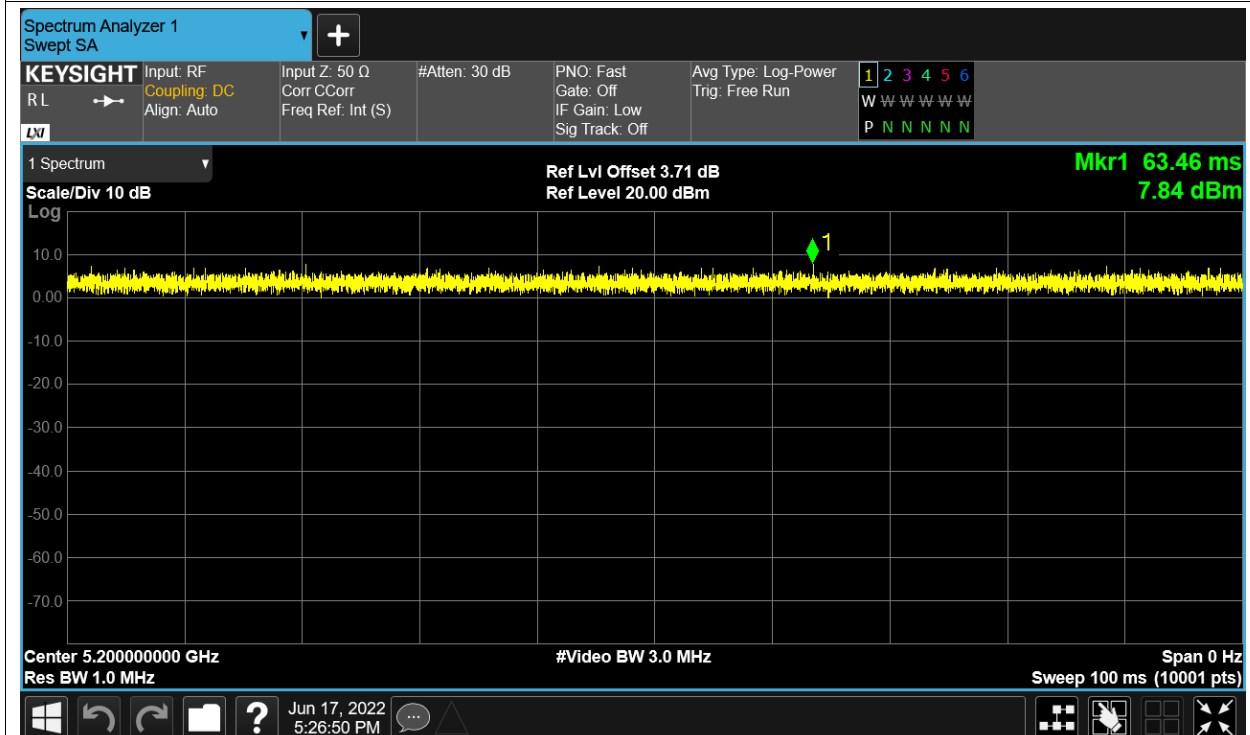
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant2	100	0
NVNT	a	5200	Ant2	100	0
NVNT	a	5240	Ant2	100	0
NVNT	ac20	5180	Ant2	100	0
NVNT	ac20	5200	Ant2	100	0
NVNT	ac20	5240	Ant2	100	0
NVNT	ac40	5190	Ant2	100	0
NVNT	ac40	5230	Ant2	100	0
NVNT	ac80	5210	Ant2	100	0
NVNT	n20	5180	Ant2	100	0
NVNT	n20	5200	Ant2	100	0
NVNT	n20	5240	Ant2	100	0
NVNT	n40	5190	Ant2	100	0
NVNT	n40	5230	Ant2	100	0

Test Graphs

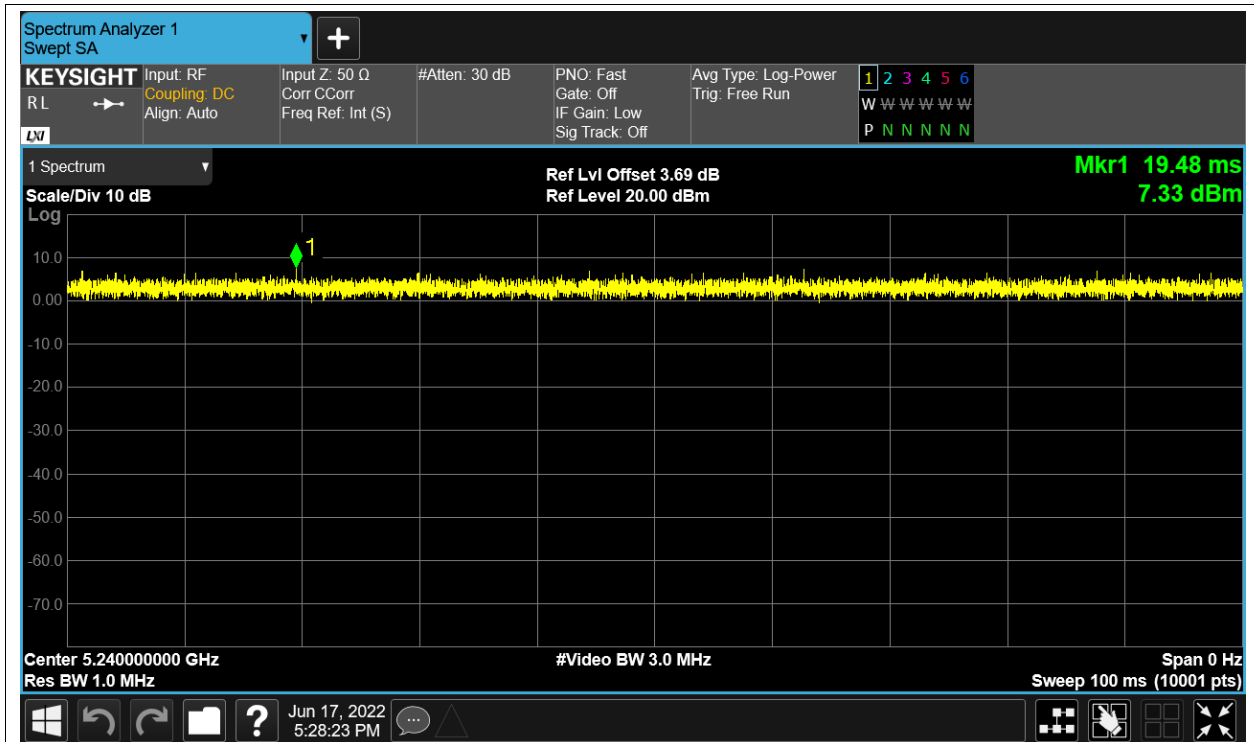
Duty Cycle NVNT a 5180MHz Ant2



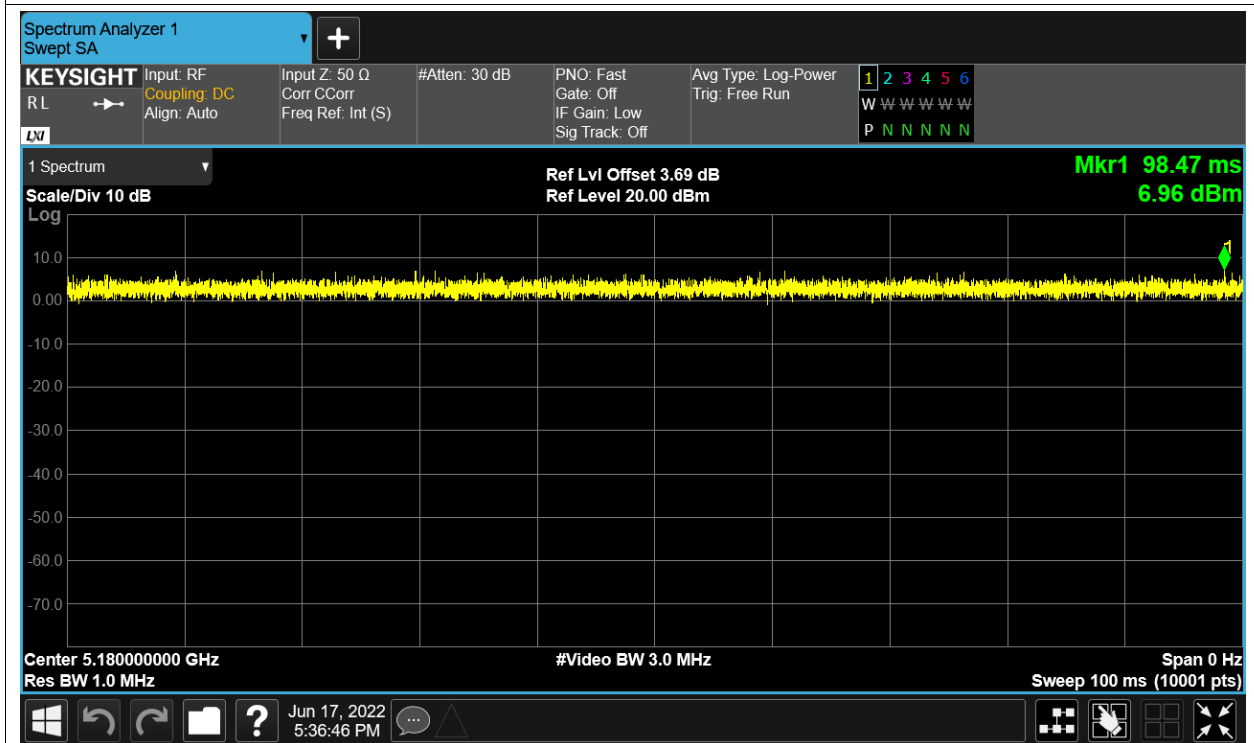
Duty Cycle NVNT a 5200MHz Ant2



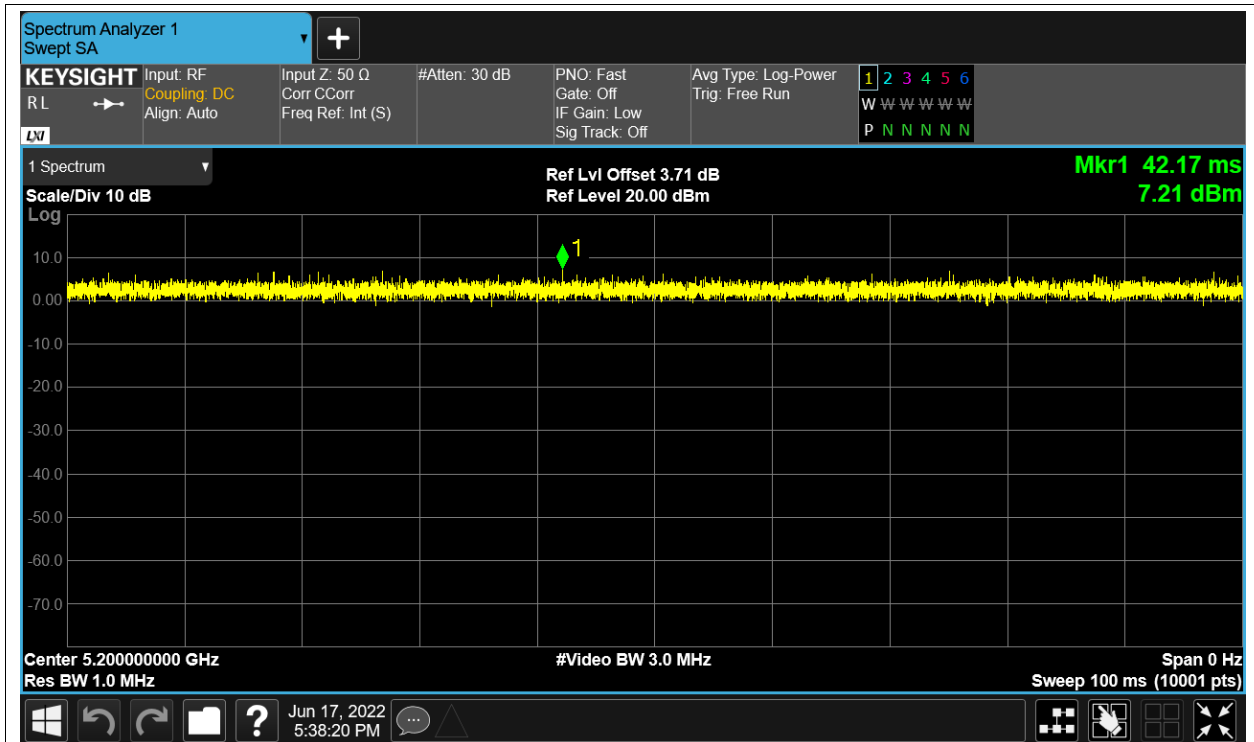
Duty Cycle NVNT a 5240MHz Ant2



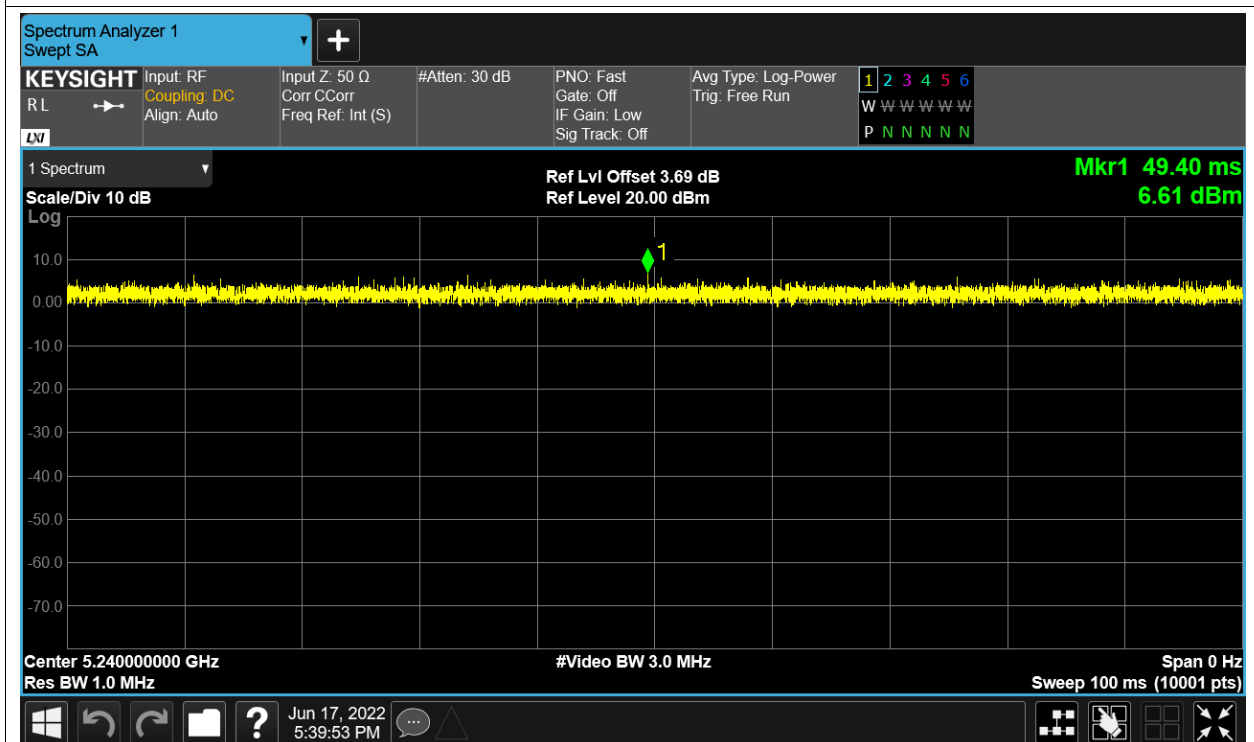
Duty Cycle NVNT ac20 5180MHz Ant2



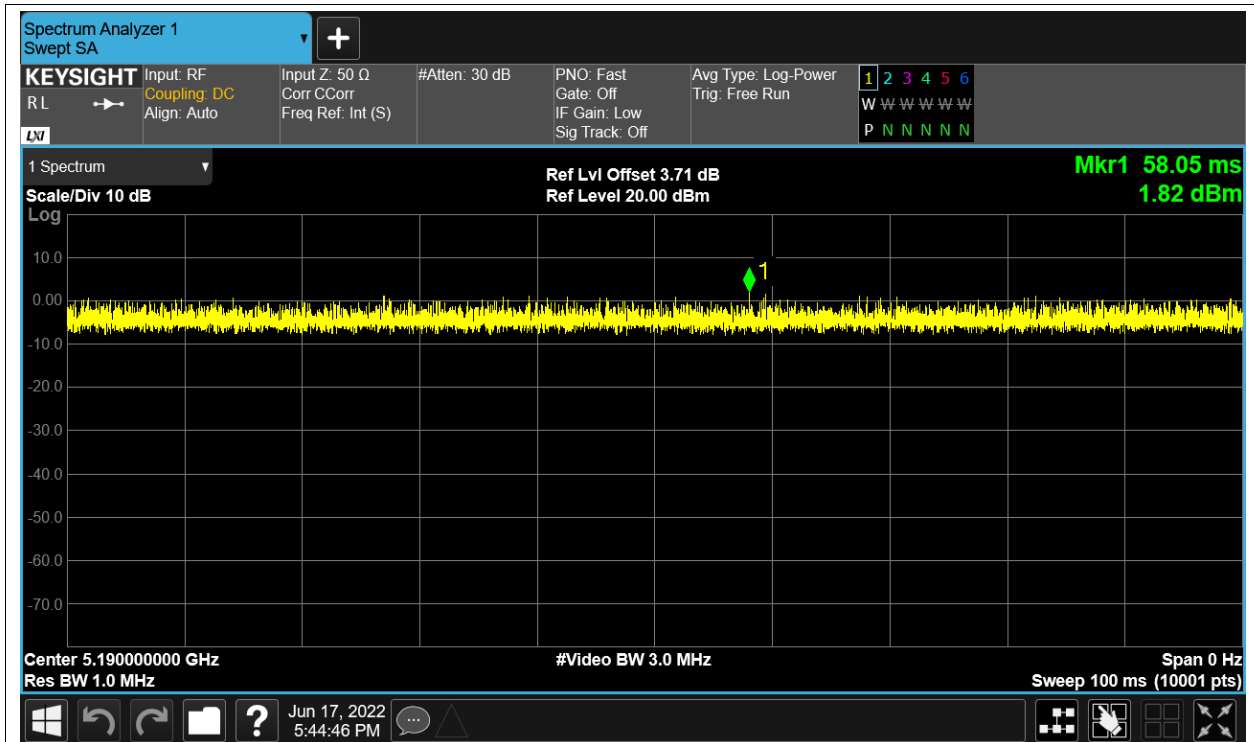
Duty Cycle NVNT ac20 5200MHz Ant2



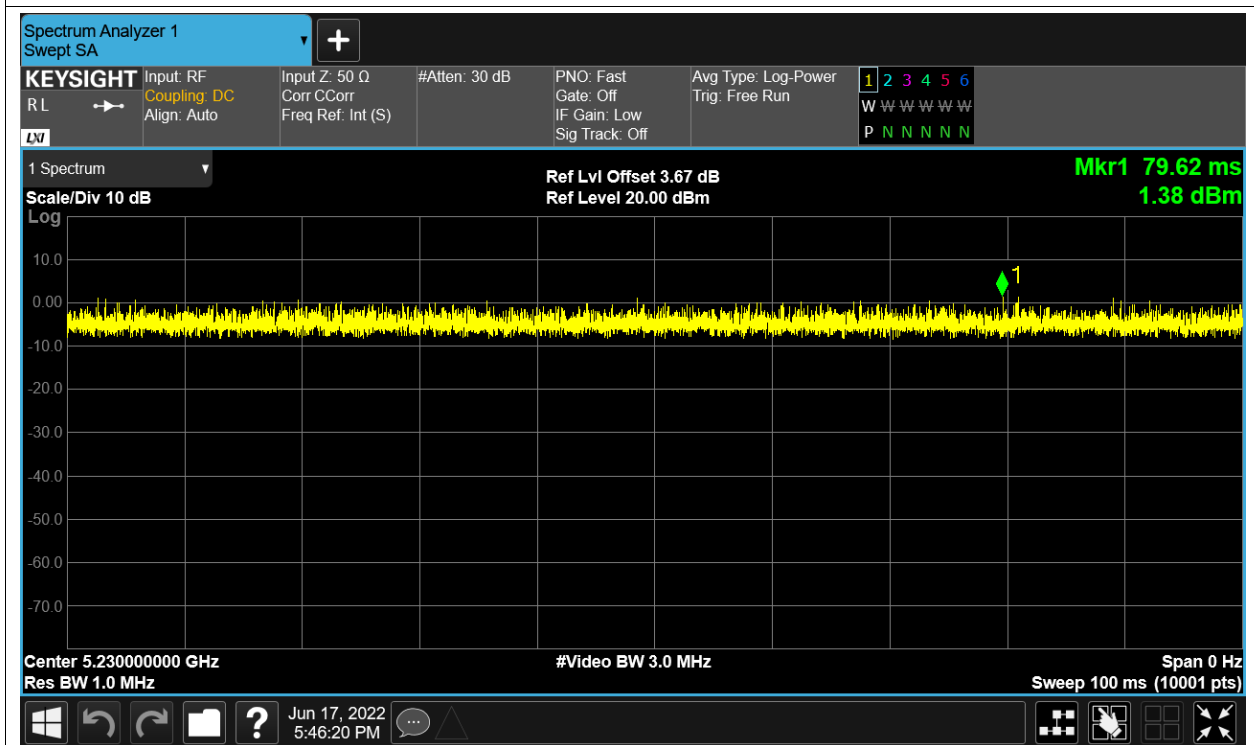
Duty Cycle NVNT ac20 5240MHz Ant2



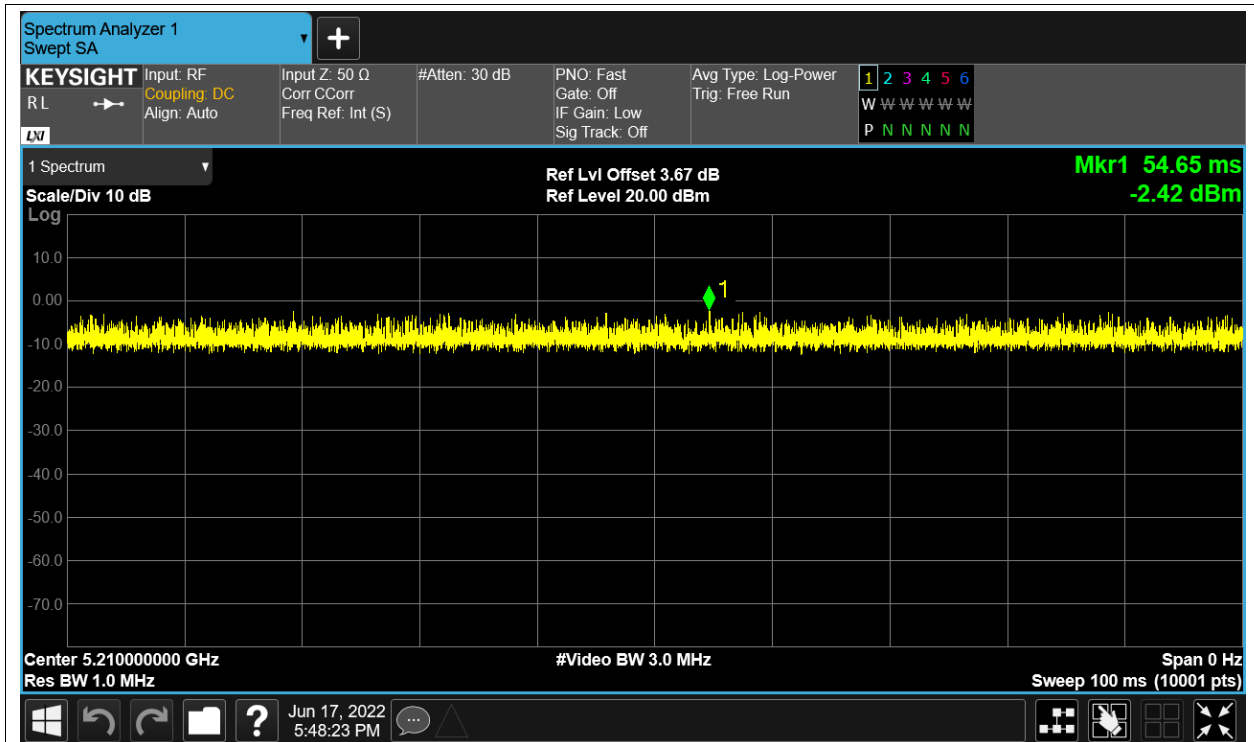
Duty Cycle NVNT ac40 5190MHz Ant2



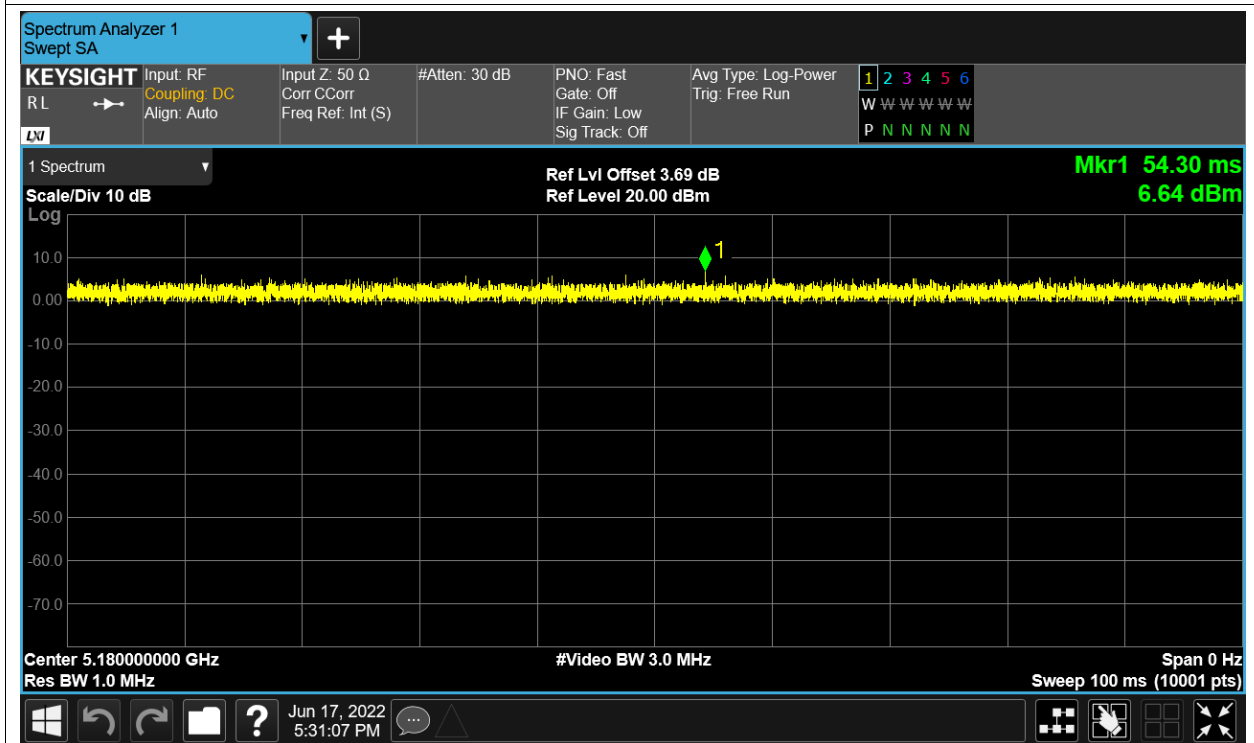
Duty Cycle NVNT ac40 5230MHz Ant2



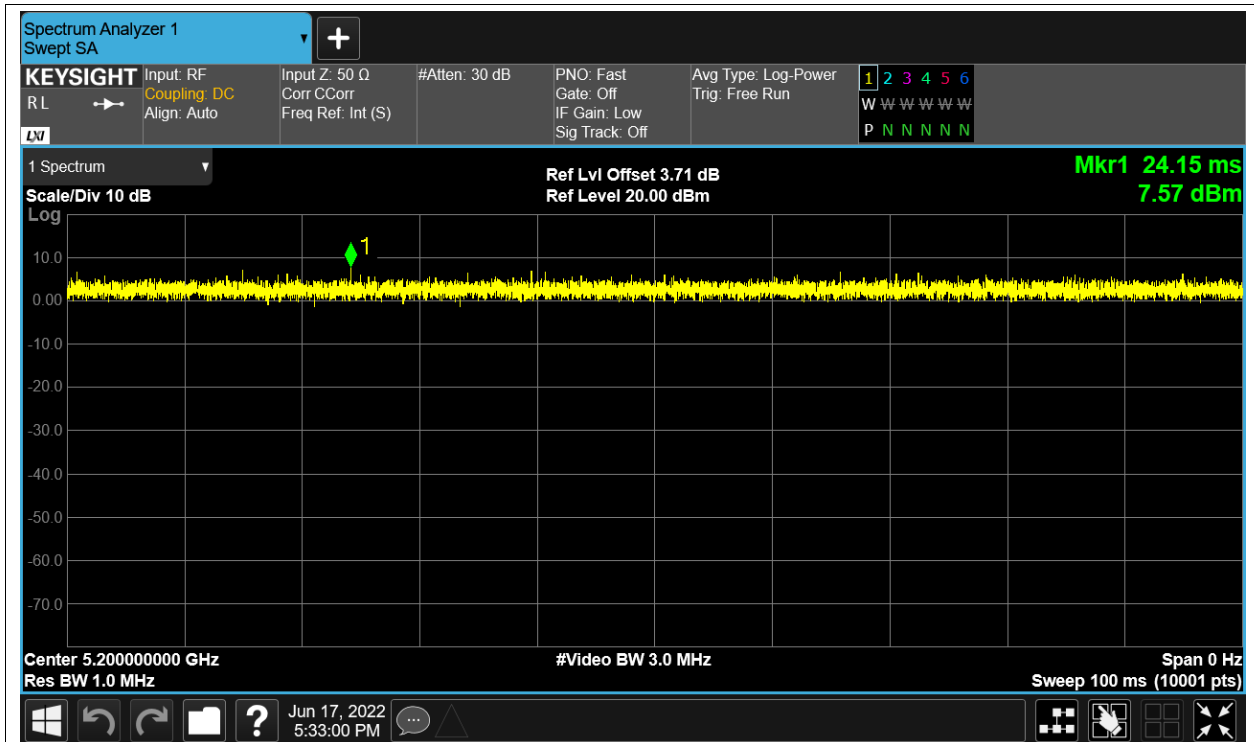
Duty Cycle NVNT ac80 5210MHz Ant2



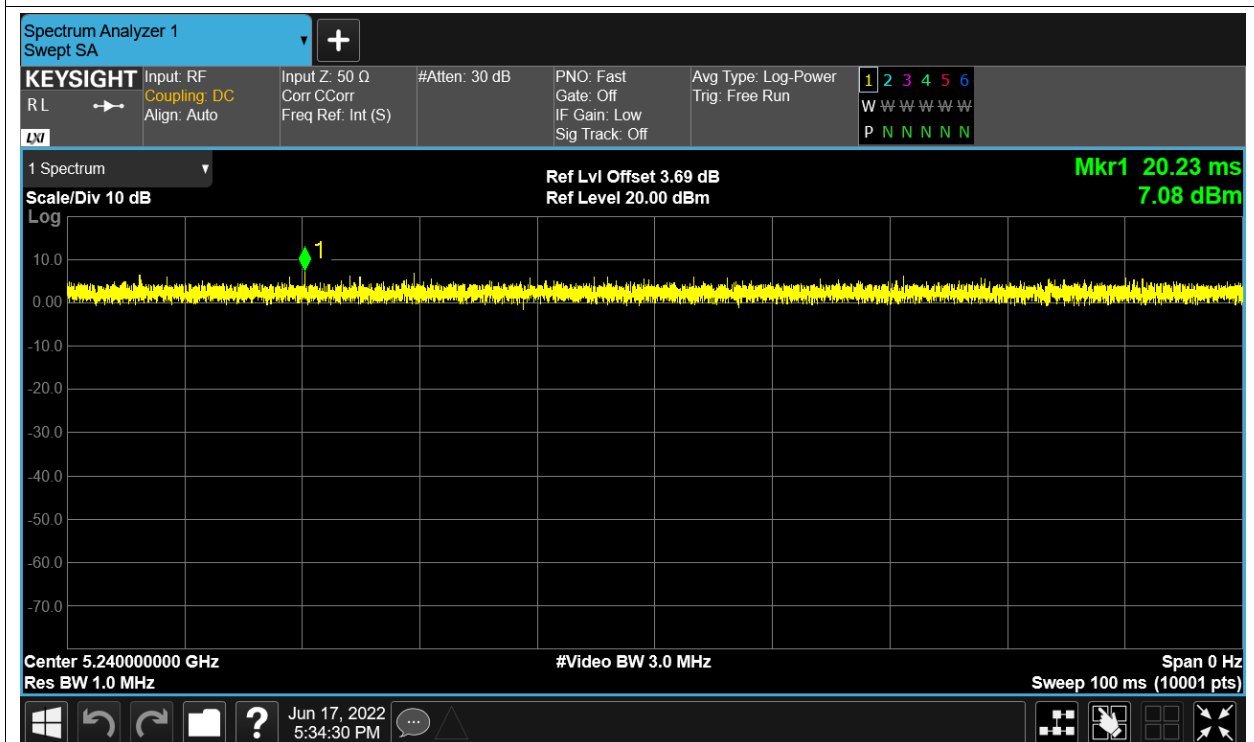
Duty Cycle NVNT n20 5180MHz Ant2



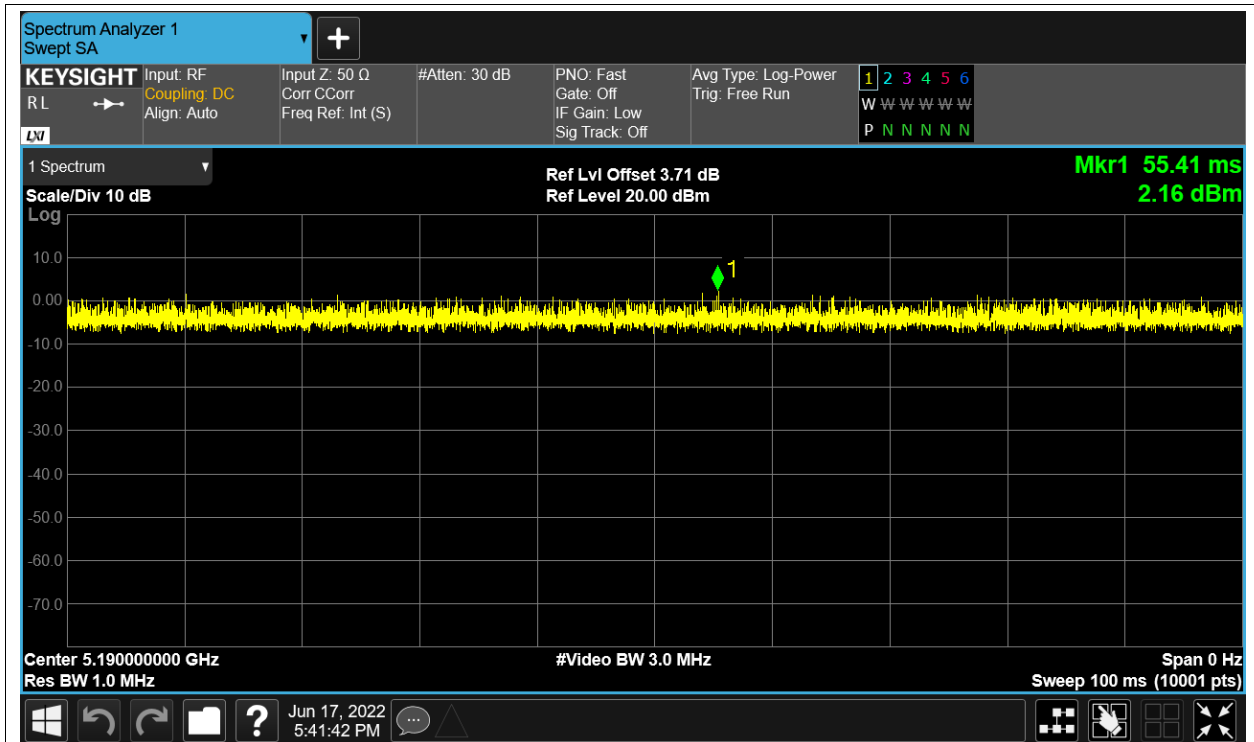
Duty Cycle NVNT n20 5200MHz Ant2



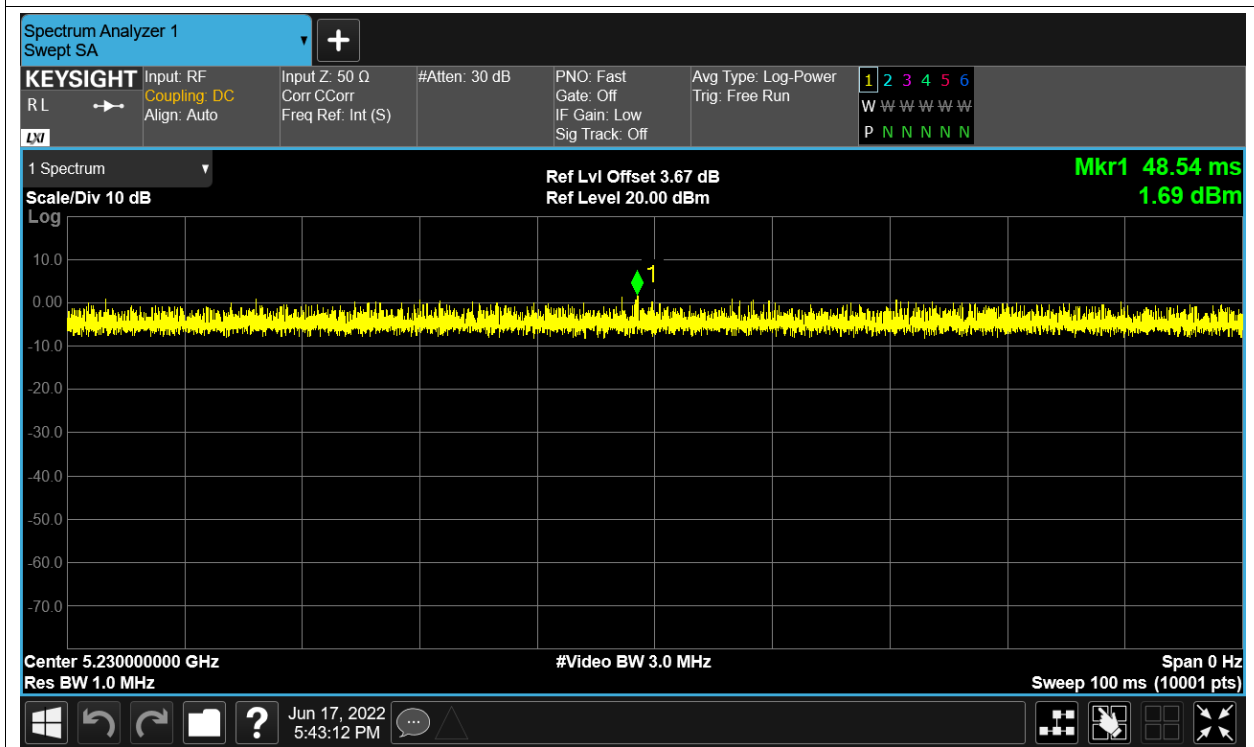
Duty Cycle NVNT n20 5240MHz Ant2



Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2



Maximum Conducted Output Power

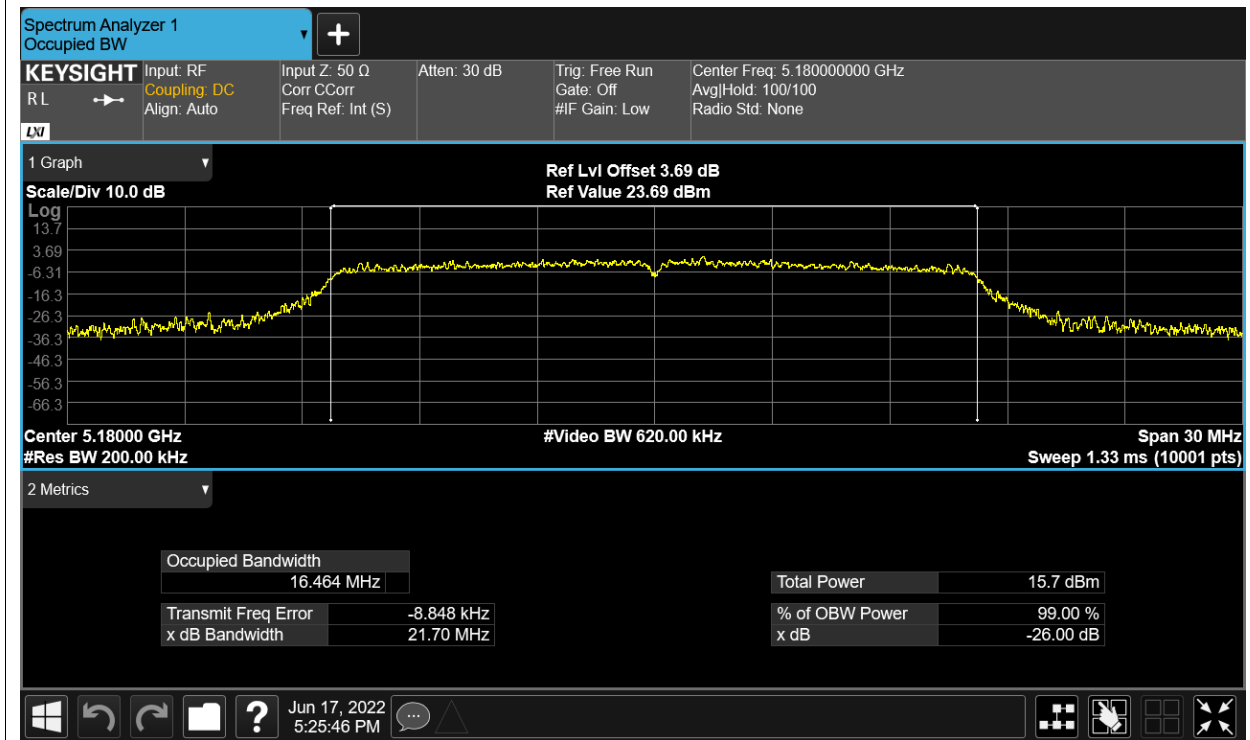
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	13.91	0	13.91	24	Pass
NVNT	a	5200	Ant2	13.62	0	13.62	24	Pass
NVNT	a	5240	Ant2	13.78	0	13.78	24	Pass
NVNT	ac20	5180	Ant2	13.04	0	13.04	24	Pass
NVNT	ac20	5200	Ant2	13.37	0	13.37	24	Pass
NVNT	ac20	5240	Ant2	13.12	0	13.12	24	Pass
NVNT	ac40	5190	Ant2	13.01	0	13.01	24	Pass
NVNT	ac40	5230	Ant2	12.23	0	12.23	24	Pass
NVNT	ac80	5210	Ant2	11.99	0	11.99	24	Pass
NVNT	n20	5180	Ant2	13.02	0	13.02	24	Pass
NVNT	n20	5200	Ant2	12.68	0	12.68	24	Pass
NVNT	n20	5240	Ant2	12.89	0	12.89	24	Pass
NVNT	n40	5190	Ant2	12.56	0	12.56	24	Pass
NVNT	n40	5230	Ant2	12.43	0	12.43	24	Pass

Occupied Channel Bandwidth

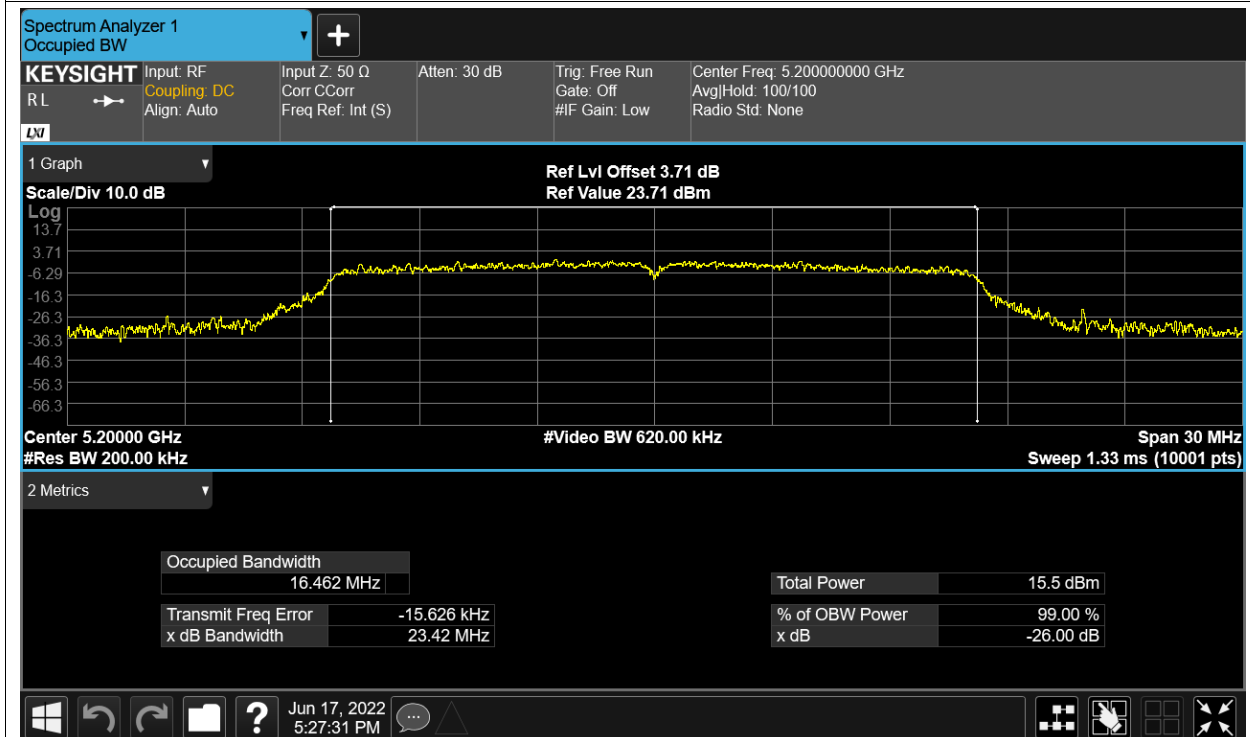
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant2	16.46383768
NVNT	a	5200	Ant2	16.46211193
NVNT	a	5240	Ant2	16.47871637
NVNT	ac20	5180	Ant2	17.57133421
NVNT	ac20	5200	Ant2	17.59319903
NVNT	ac20	5240	Ant2	17.58172408
NVNT	ac40	5190	Ant2	35.97691863
NVNT	ac40	5230	Ant2	35.9982121
NVNT	ac80	5210	Ant2	75.22995129
NVNT	n20	5180	Ant2	17.59135531
NVNT	n20	5200	Ant2	17.57134946
NVNT	n20	5240	Ant2	17.55805743
NVNT	n40	5190	Ant2	35.98956446
NVNT	n40	5230	Ant2	36.01680692

Test Graphs

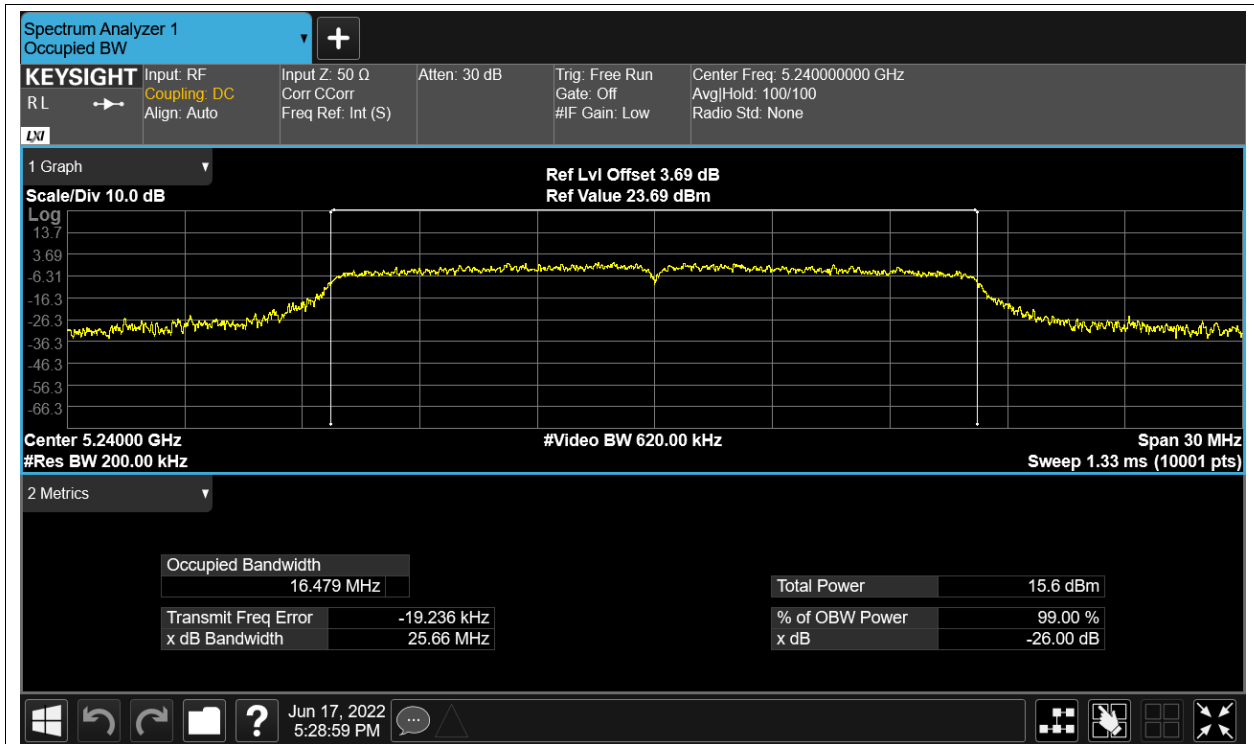
OBW NVNT a 5180MHz Ant2



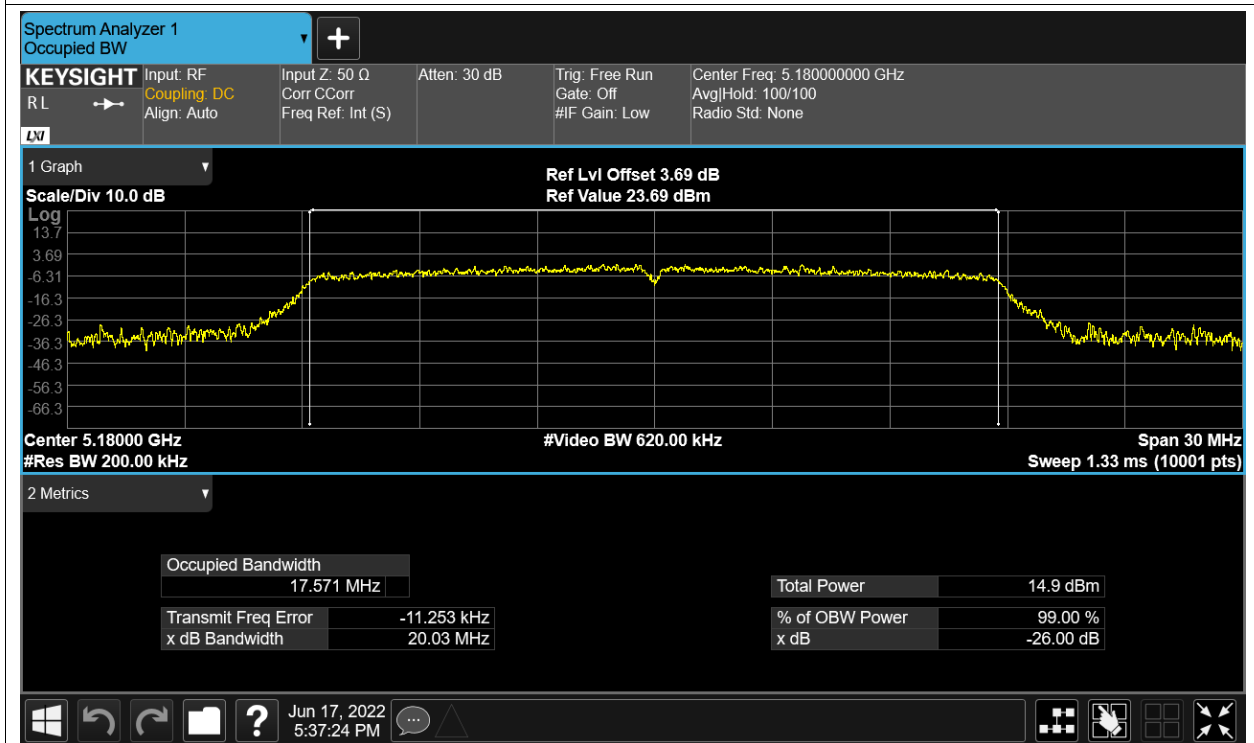
OBW NVNT a 5200MHz Ant2



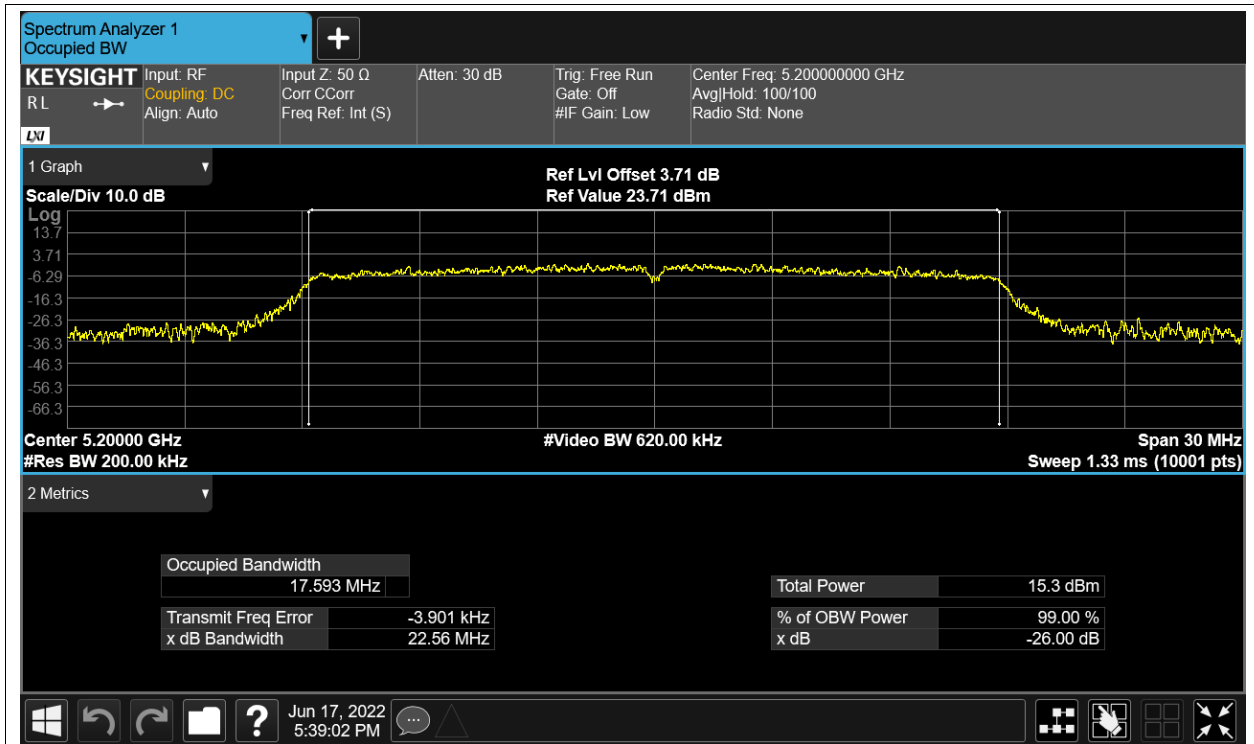
OBW NVNT a 5240MHz Ant2



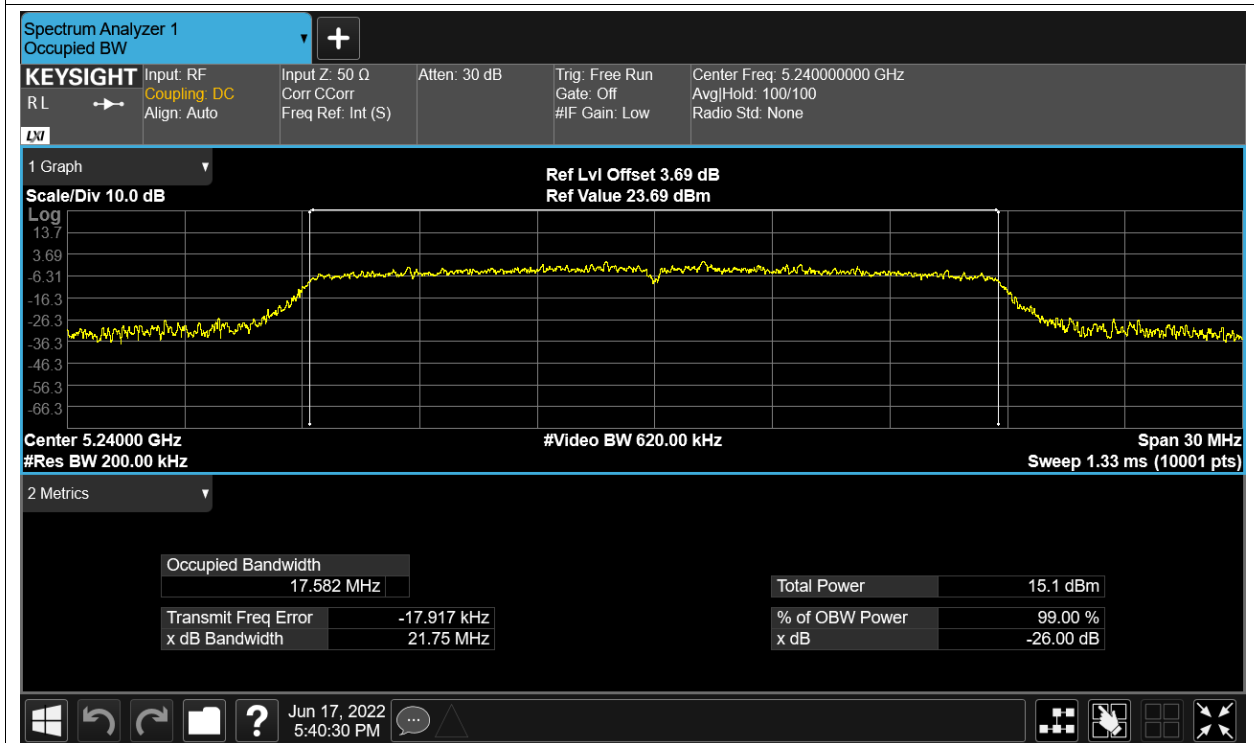
OBW NVNT ac20 5180MHz Ant2



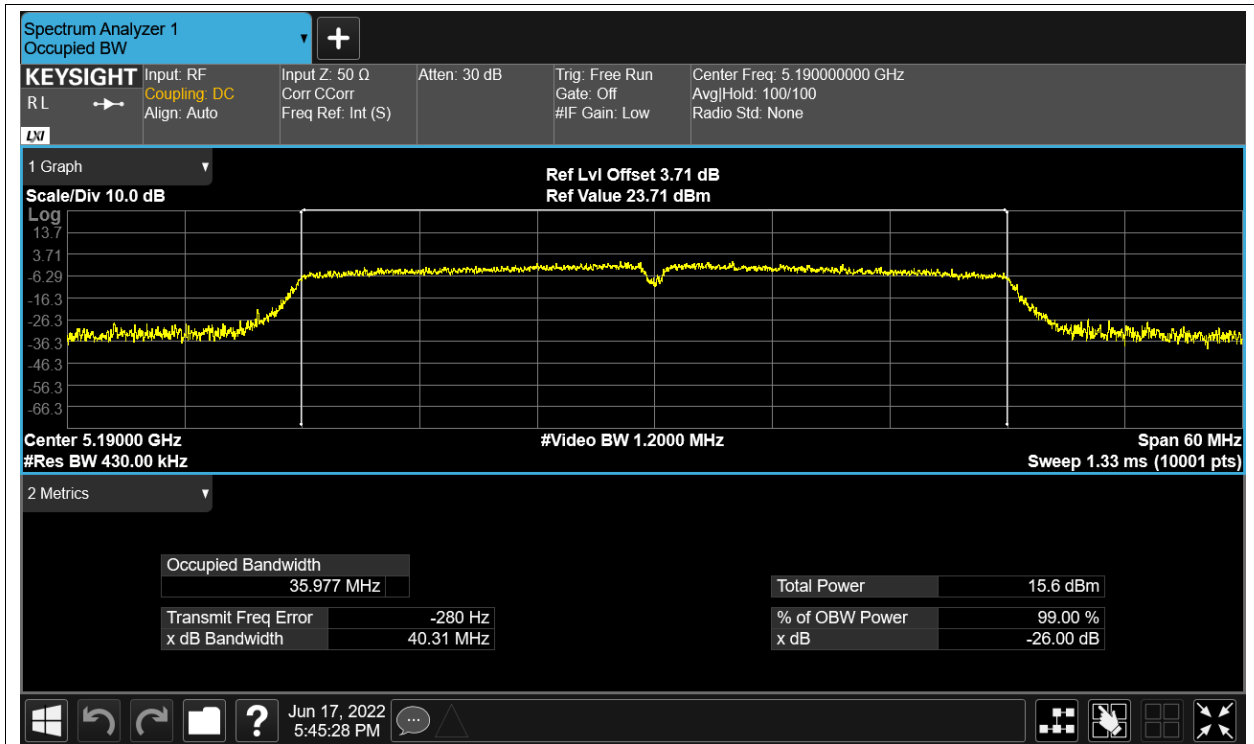
OBW NVNT ac20 5200MHz Ant2



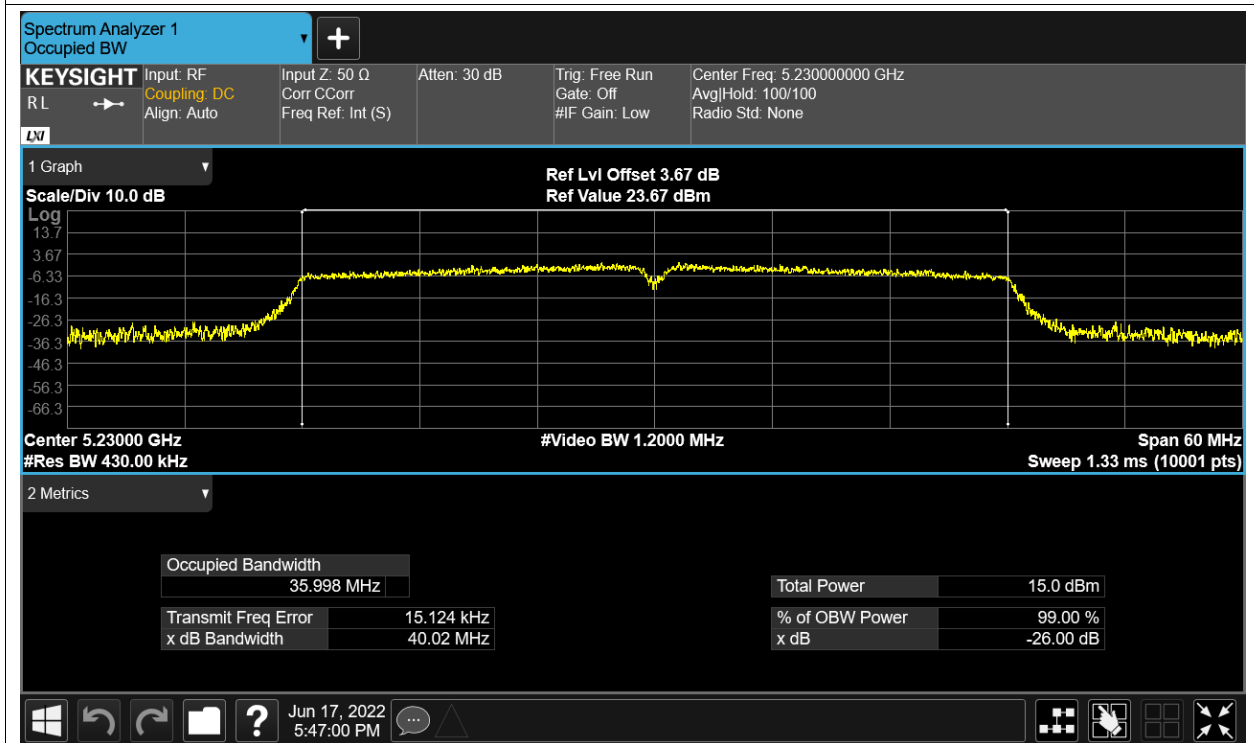
OBW NVNT ac20 5240MHz Ant2



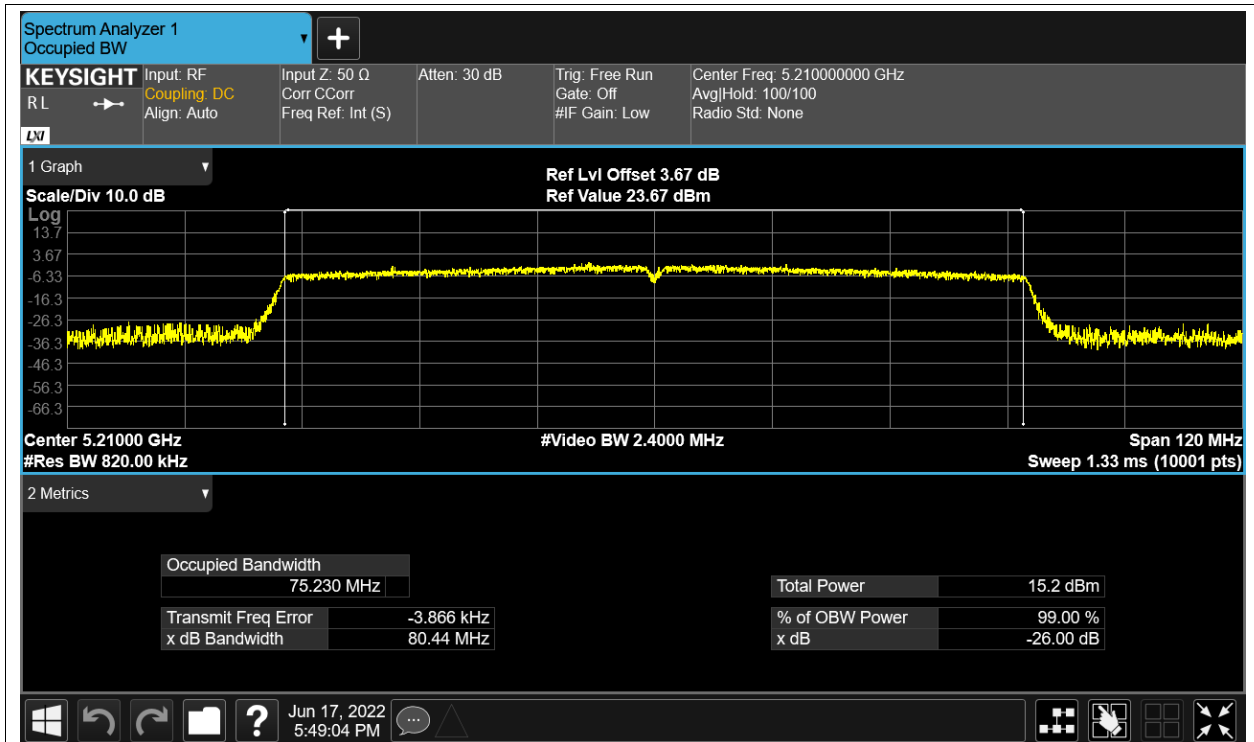
OBW NVNT ac40 5190MHz Ant2



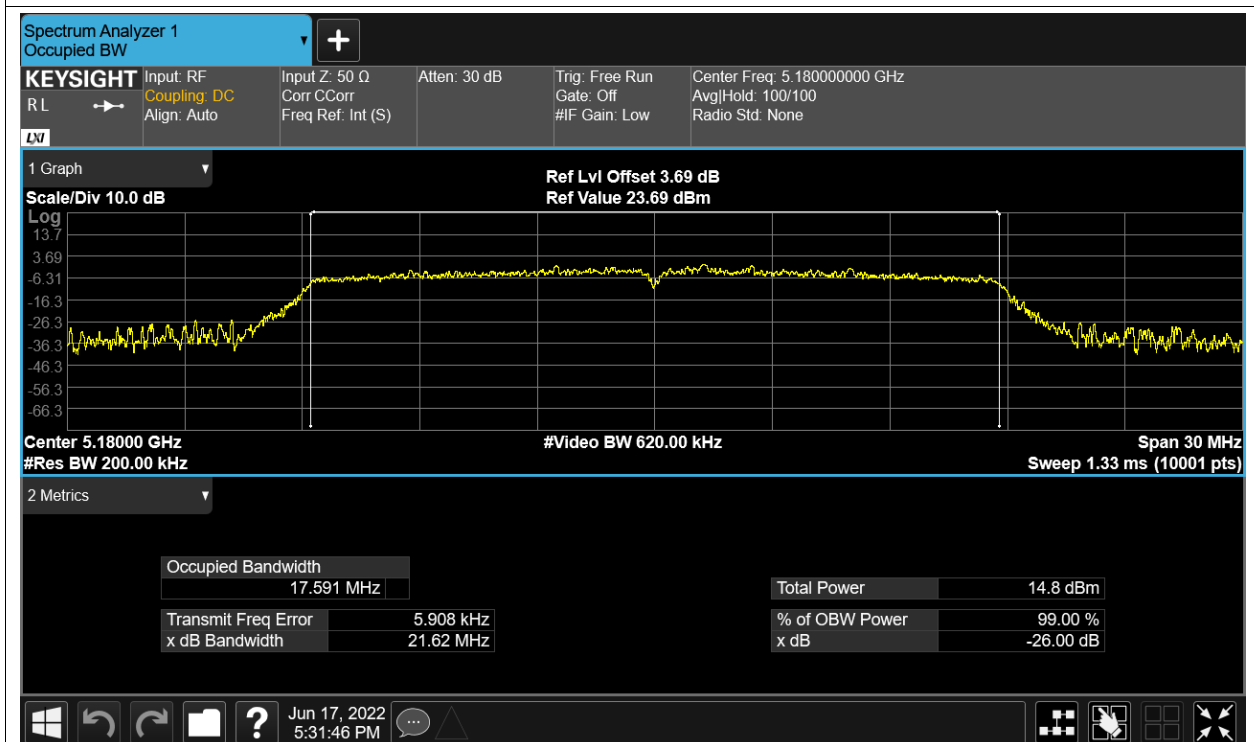
OBW NVNT ac40 5230MHz Ant2



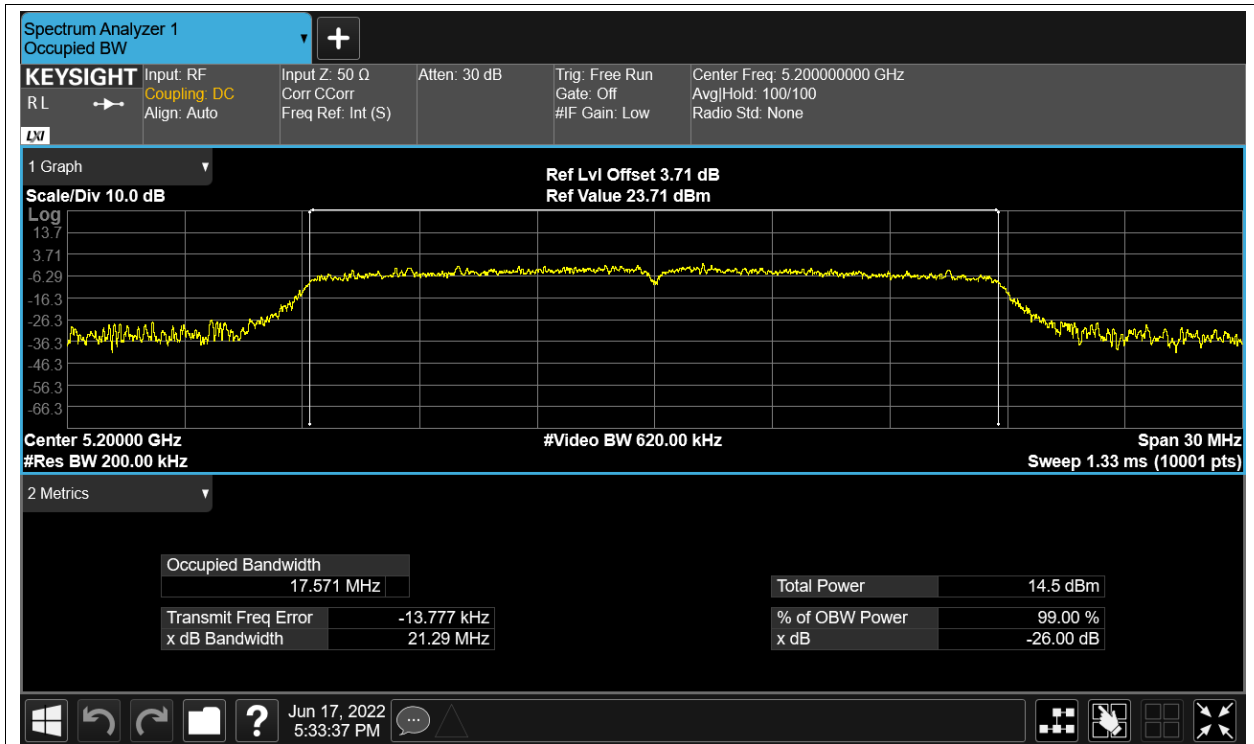
OBW NVNT ac80 5210MHz Ant2



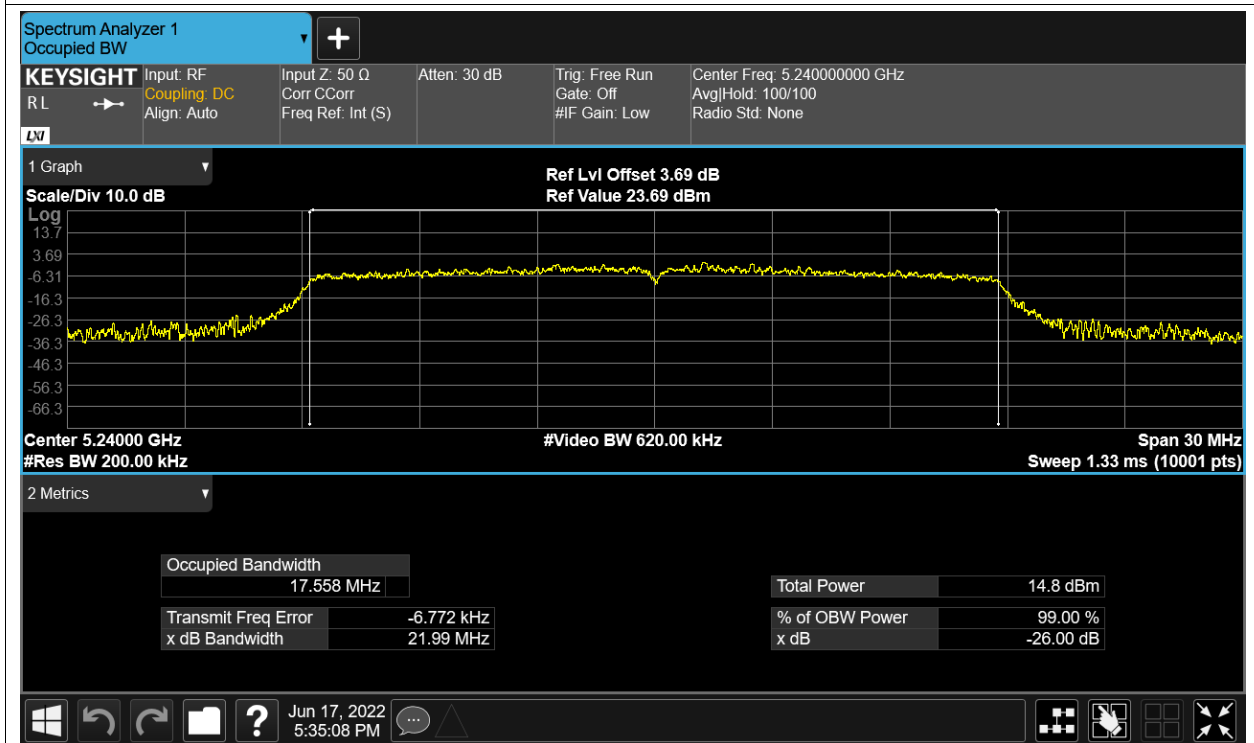
OBW NVNT n20 5180MHz Ant2



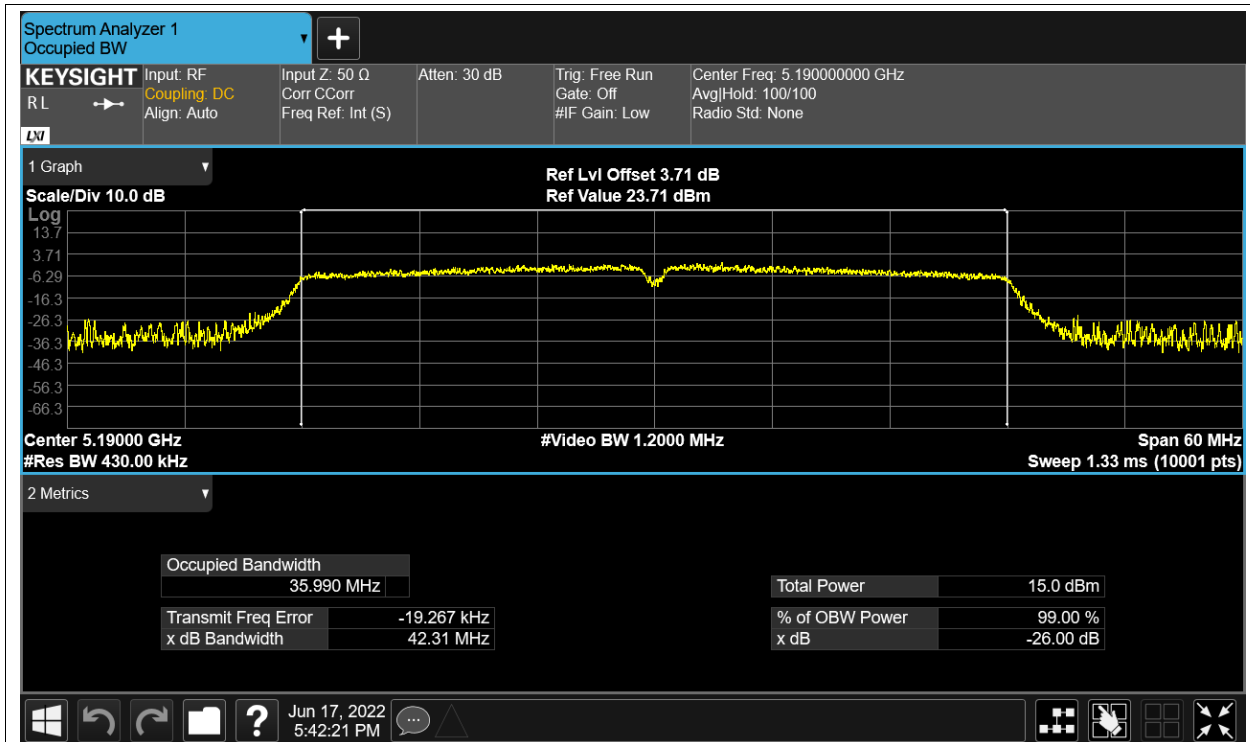
OBW NVNT n20 5200MHz Ant2



OBW NVNT n20 5240MHz Ant2



OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant2

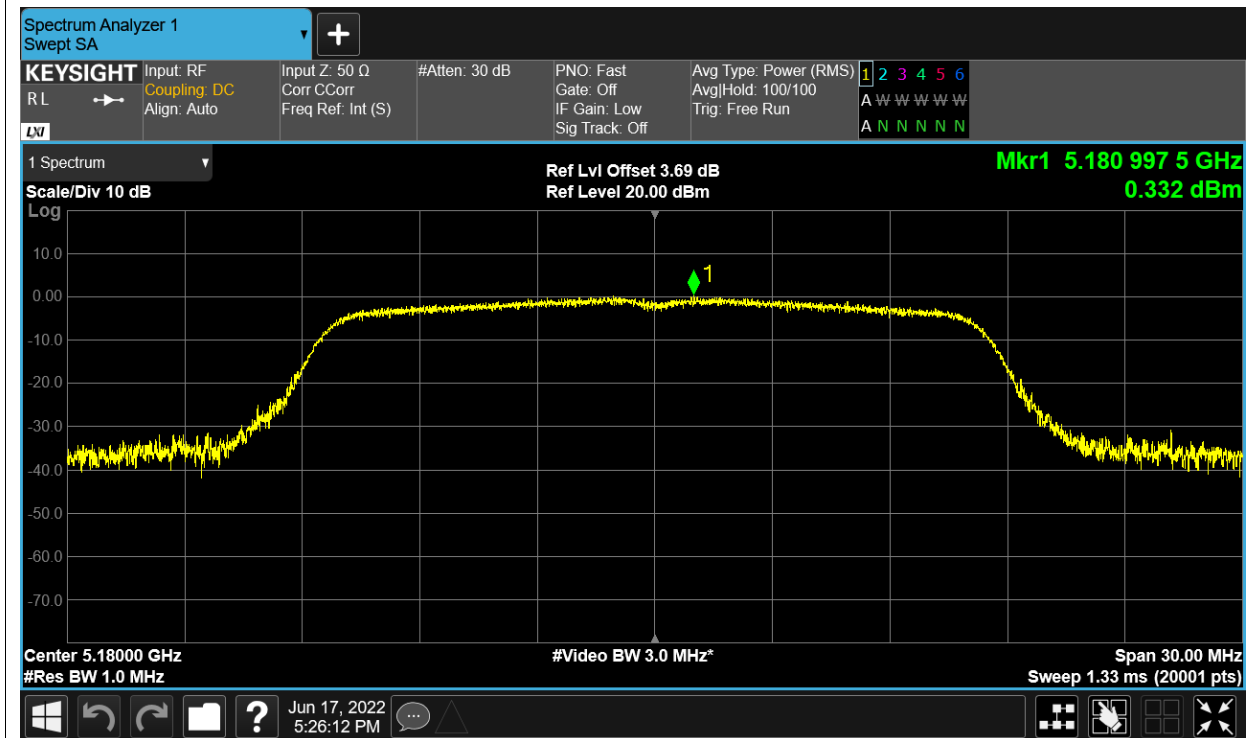


Maximum Power Spectral Density Level

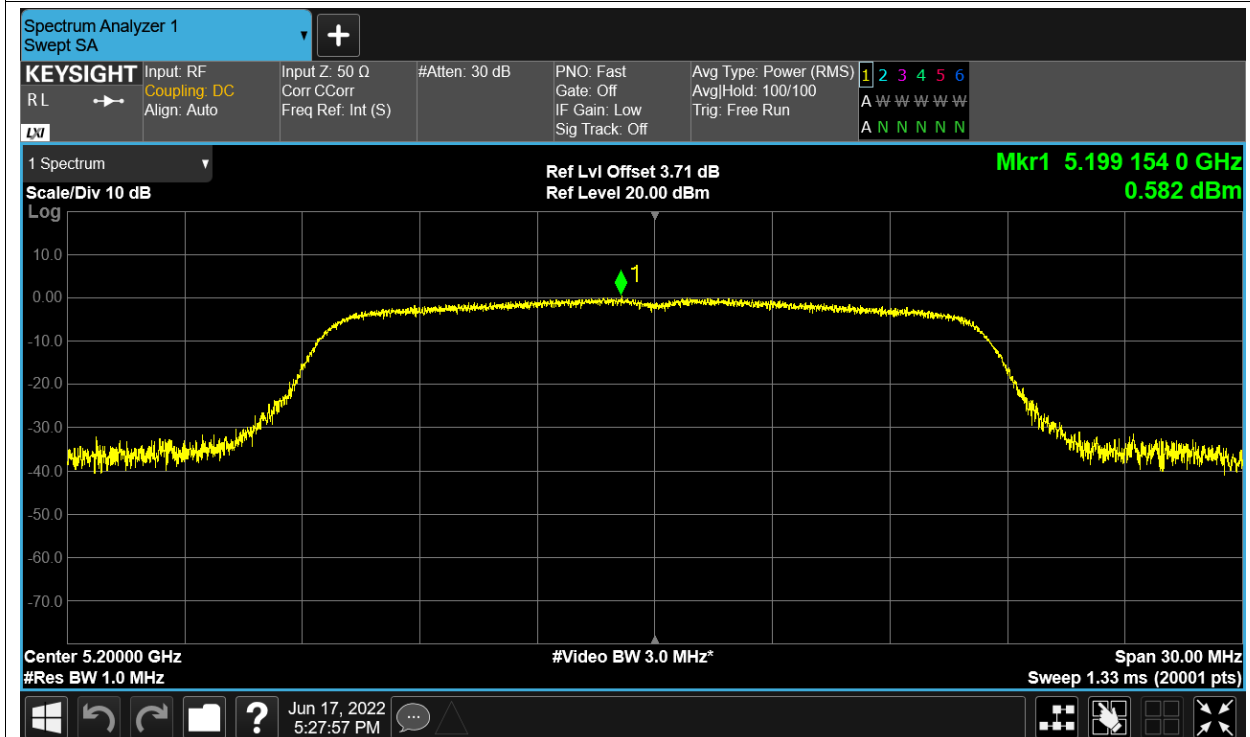
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	0.332	11	Pass
NVNT	a	5200	Ant2	0.582	11	Pass
NVNT	a	5240	Ant2	0.299	11	Pass
NVNT	ac20	5180	Ant2	-0.569	11	Pass
NVNT	ac20	5200	Ant2	0.03	11	Pass
NVNT	ac20	5240	Ant2	-0.498	11	Pass
NVNT	ac40	5190	Ant2	-2.701	11	Pass
NVNT	ac40	5230	Ant2	-3.494	11	Pass
NVNT	ac80	5210	Ant2	-7.208	11	Pass
NVNT	n20	5180	Ant2	-0.659	11	Pass
NVNT	n20	5200	Ant2	-0.987	11	Pass
NVNT	n20	5240	Ant2	-0.692	11	Pass
NVNT	n40	5190	Ant2	-3.663	11	Pass
NVNT	n40	5230	Ant2	-3.348	11	Pass

Test Graphs

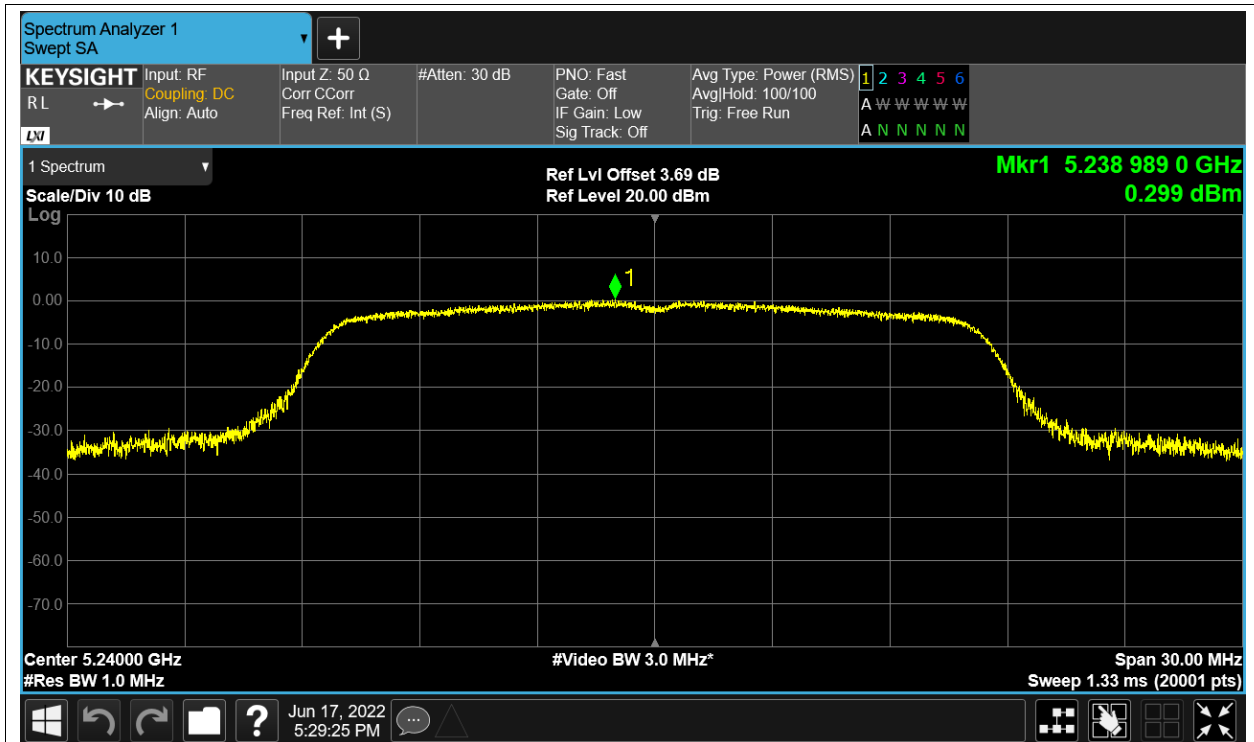
PSD NVNT a 5180MHz Ant2



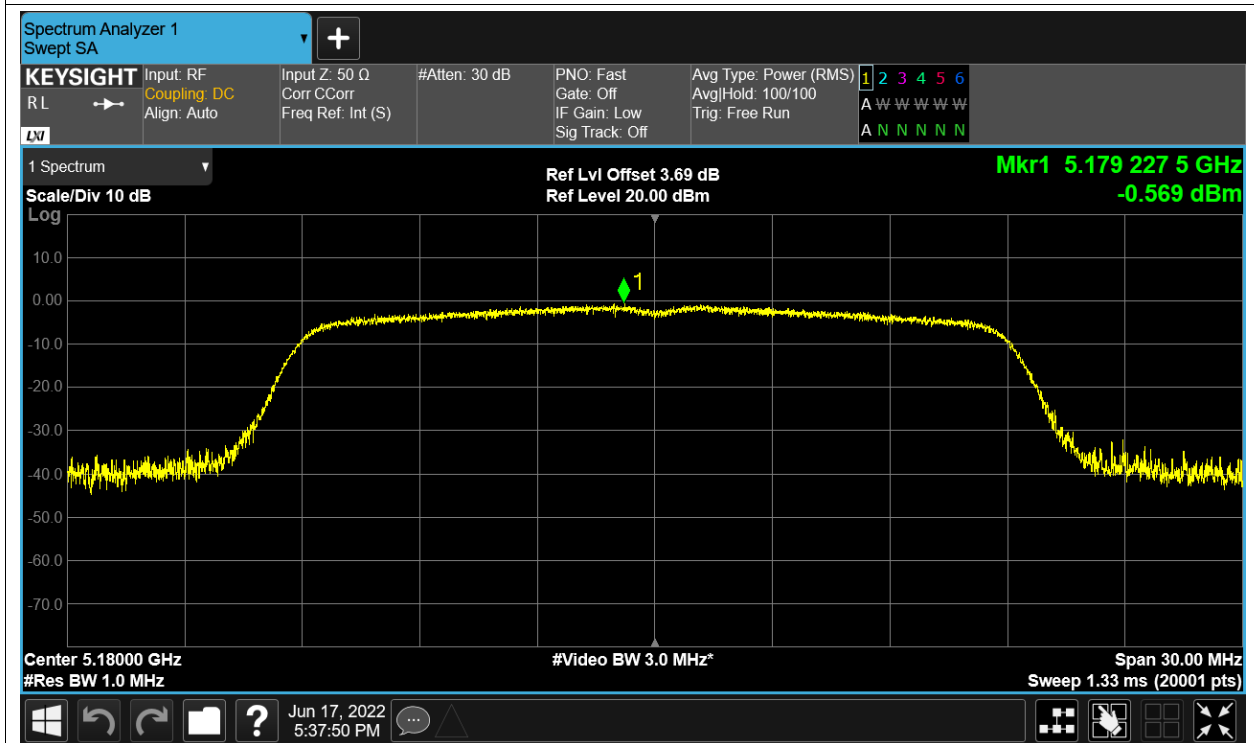
PSD NVNT a 5200MHz Ant2



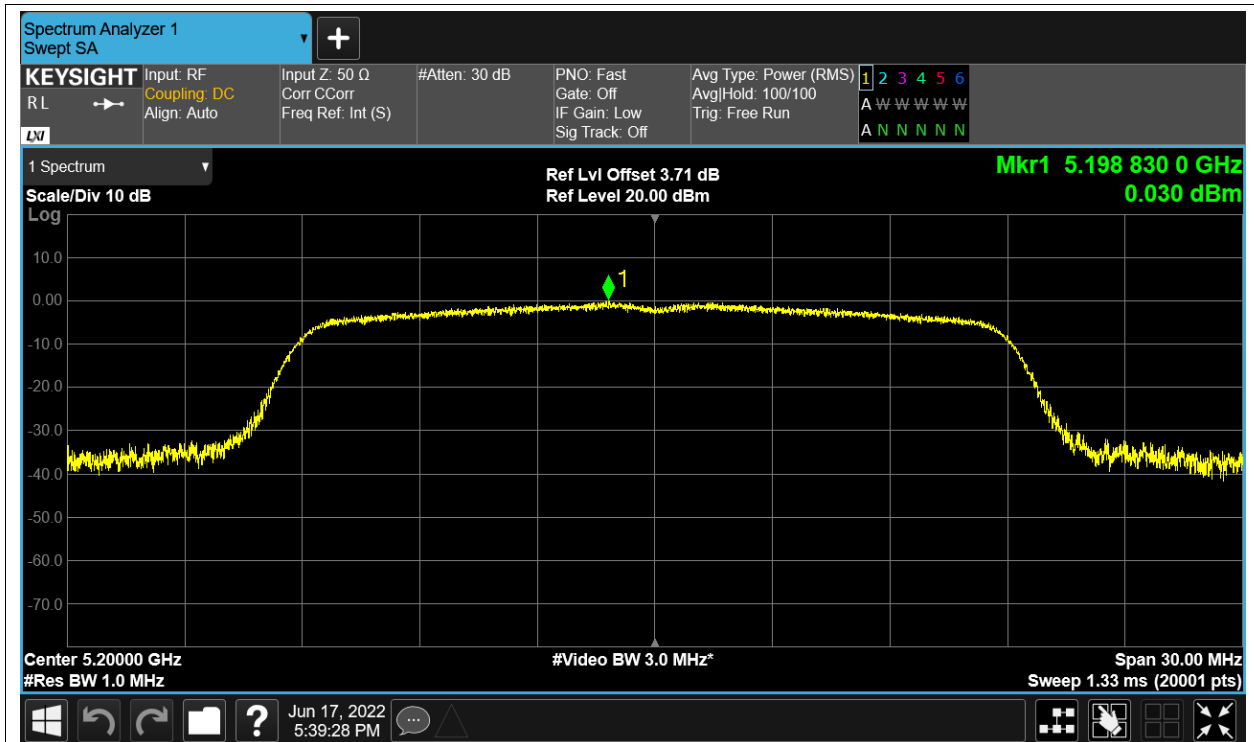
PSD NVNT a 5240MHz Ant2



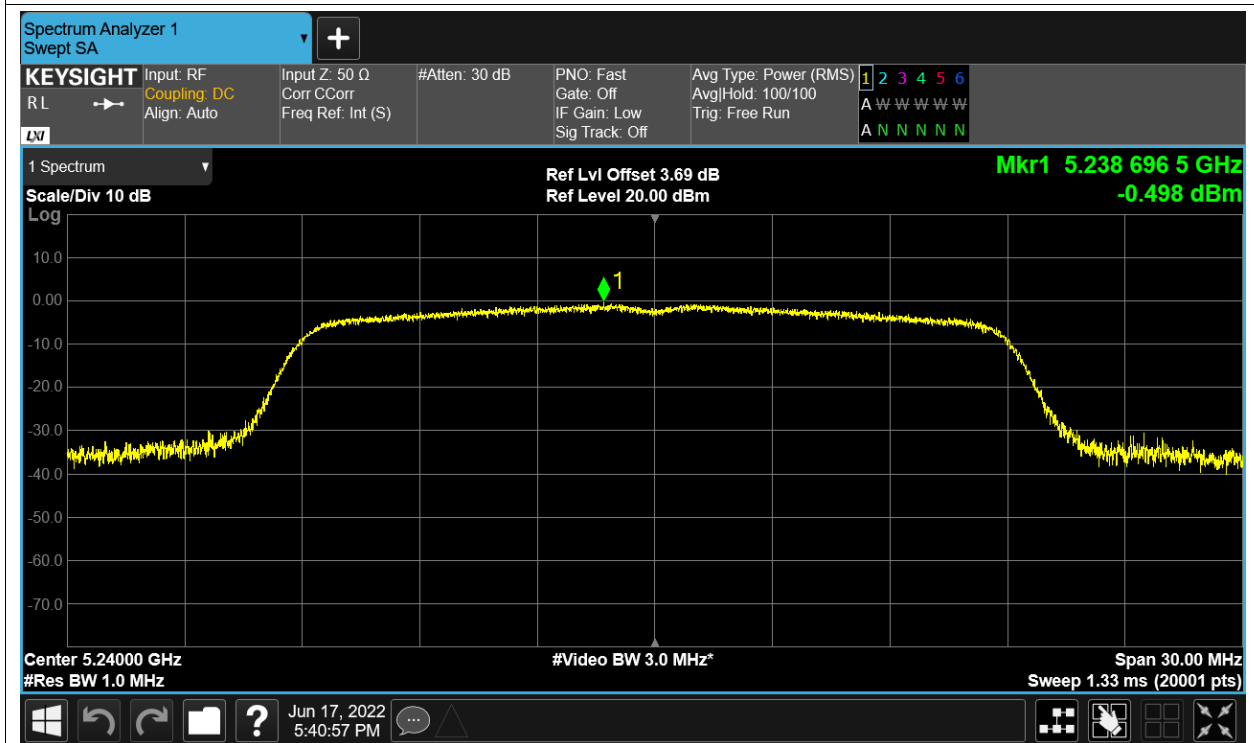
PSD NVNT ac20 5180MHz Ant2



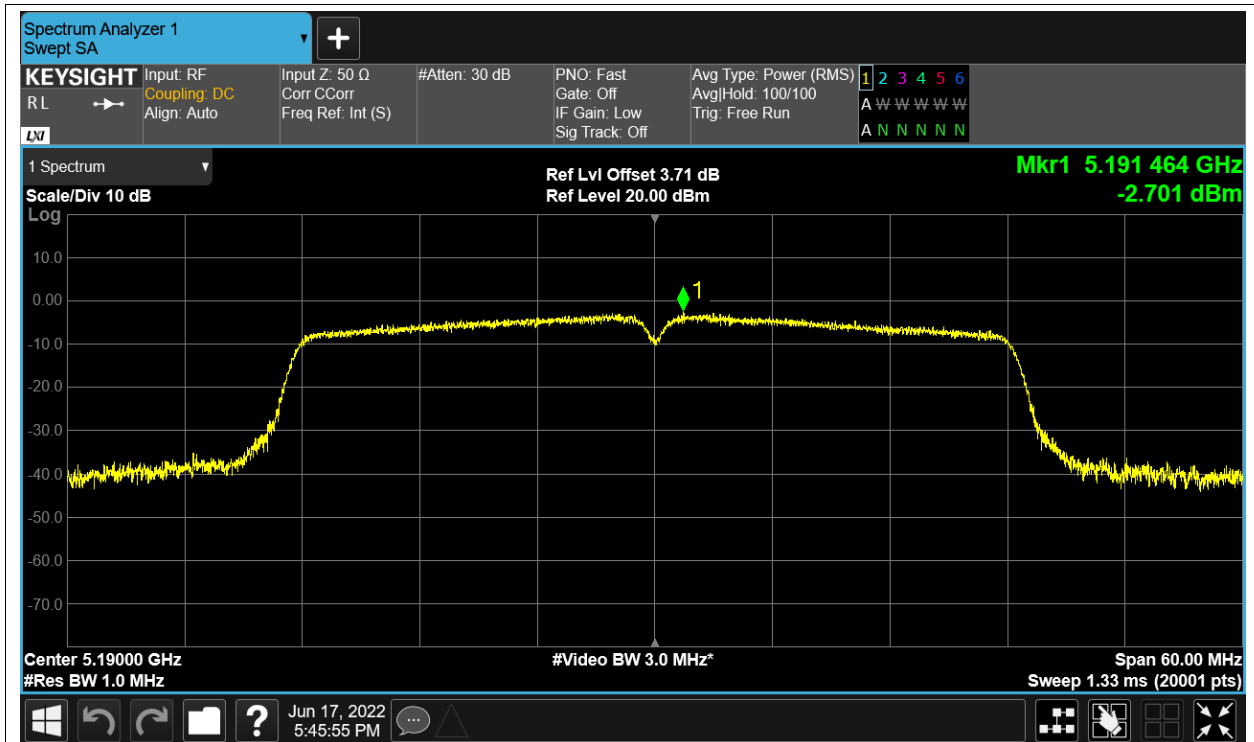
PSD NVNT ac20 5200MHz Ant2



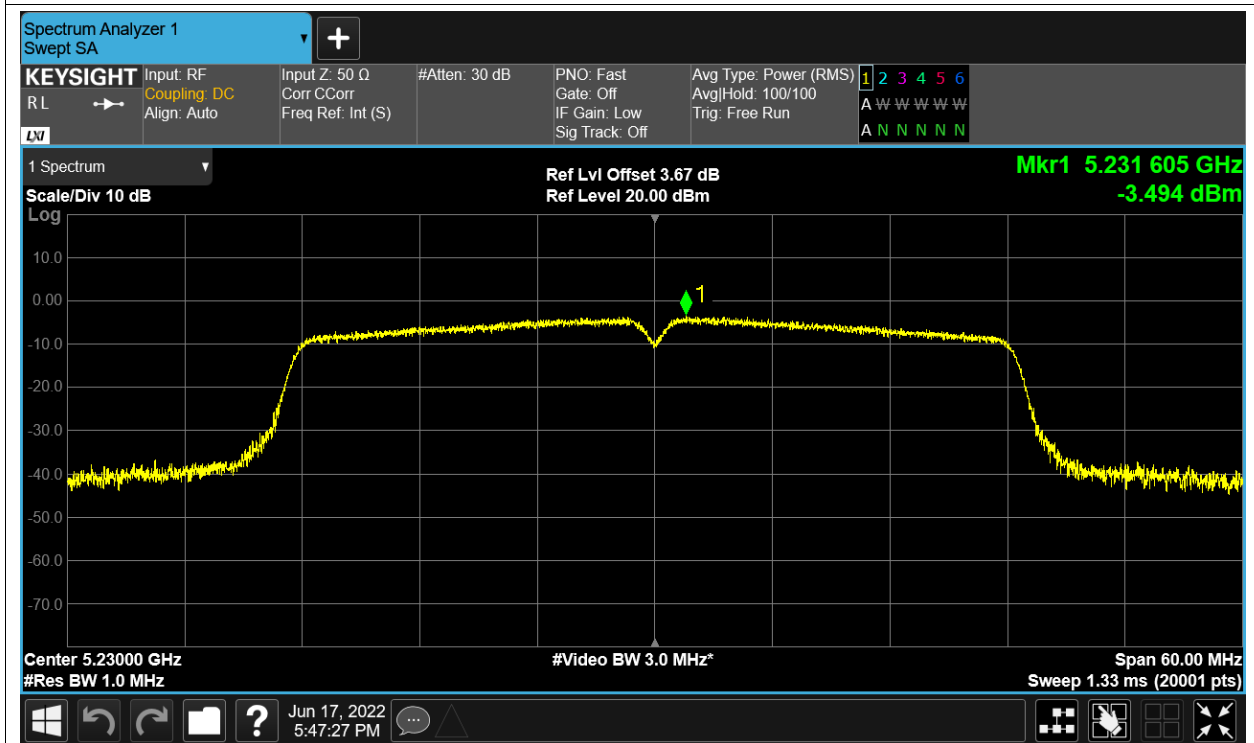
PSD NVNT ac20 5240MHz Ant2



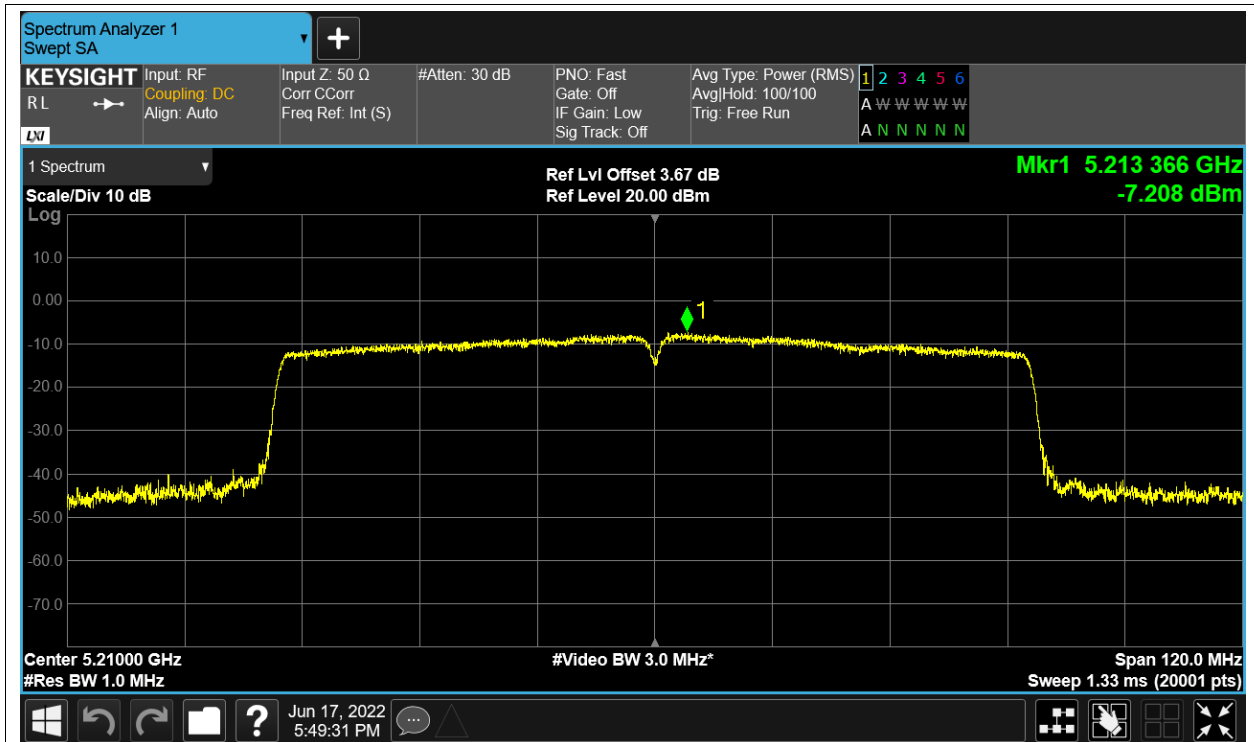
PSD NVNT ac40 5190MHz Ant2



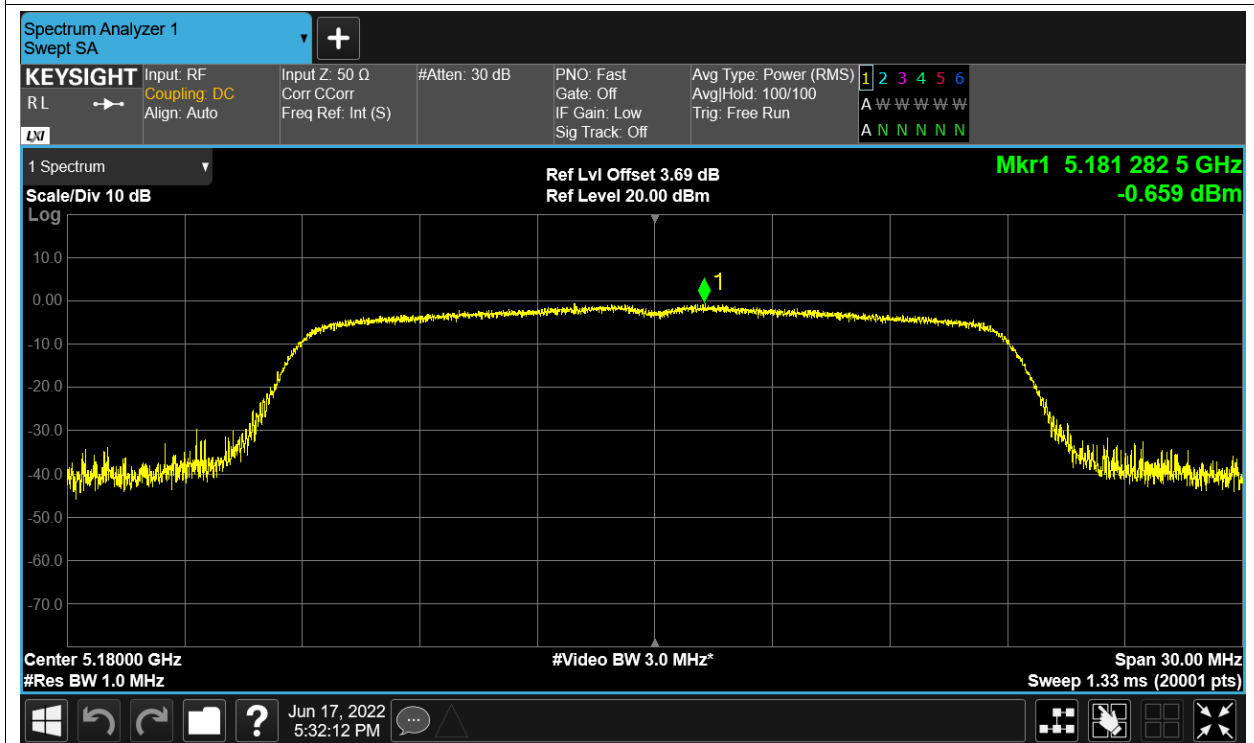
PSD NVNT ac40 5230MHz Ant2



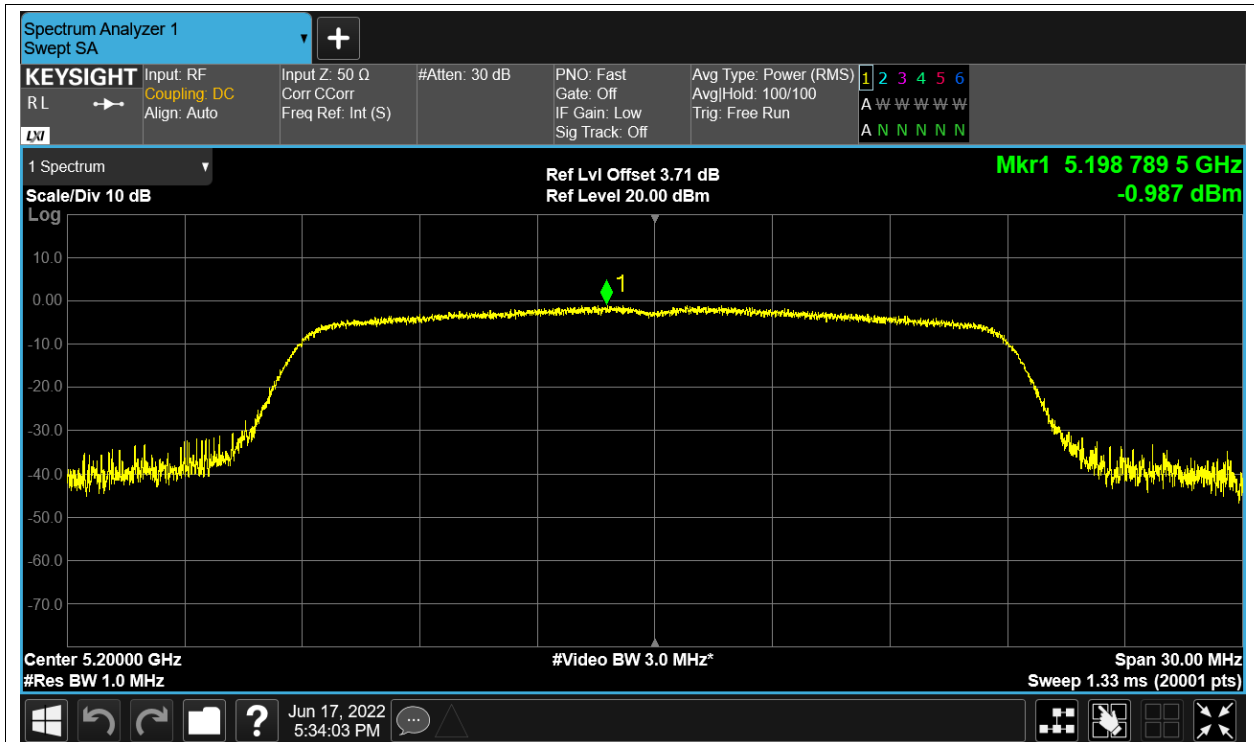
PSD NVNT ac80 5210MHz Ant2



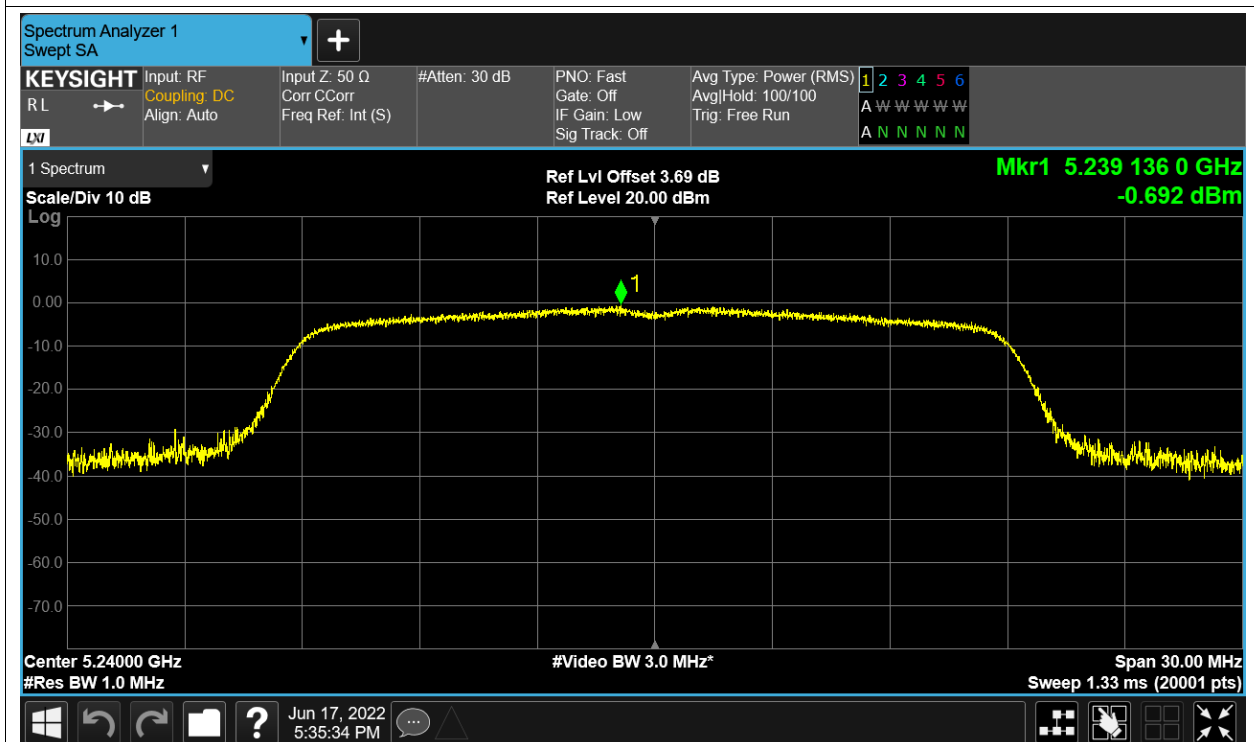
PSD NVNT n20 5180MHz Ant2



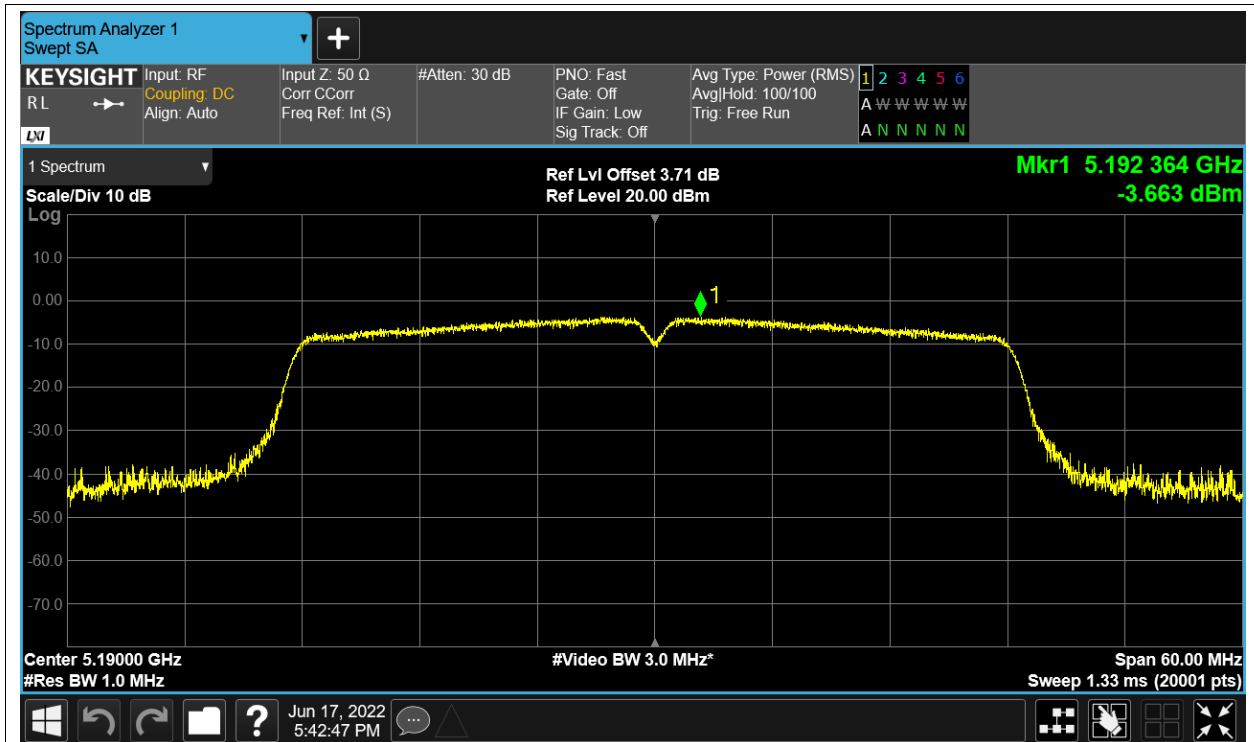
PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5240MHz Ant2



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

