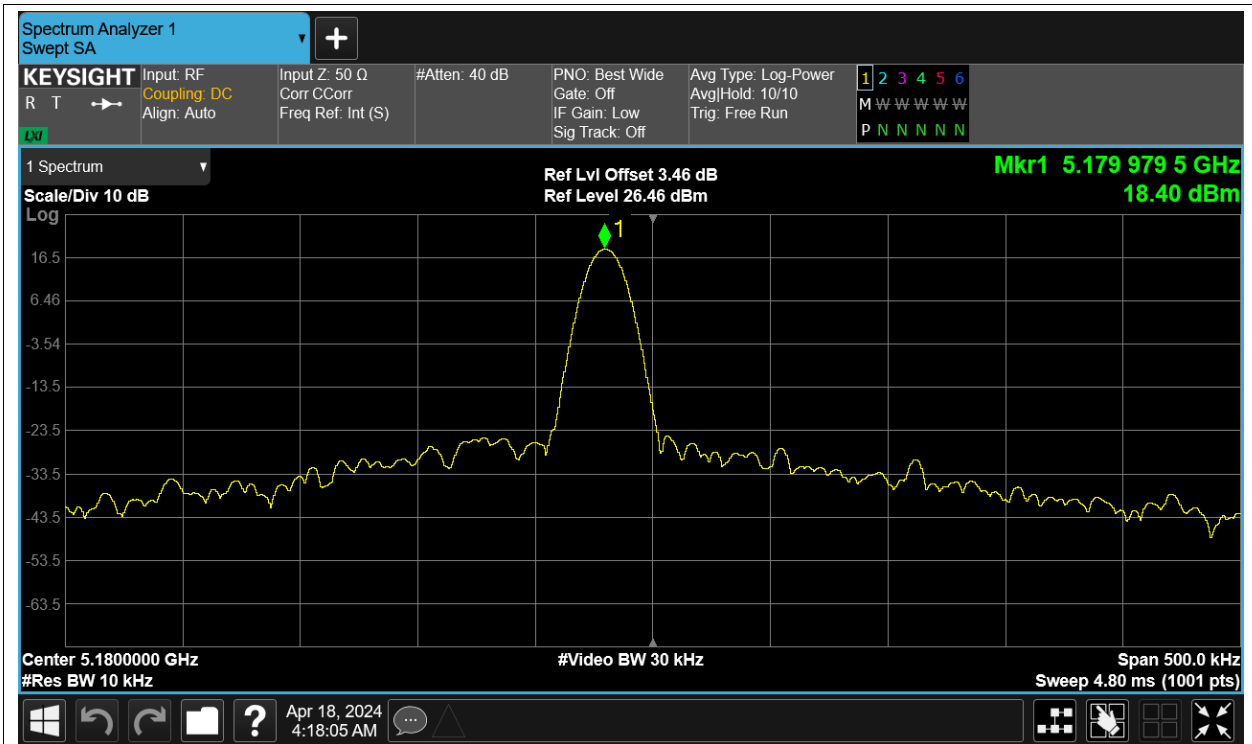


Test Data

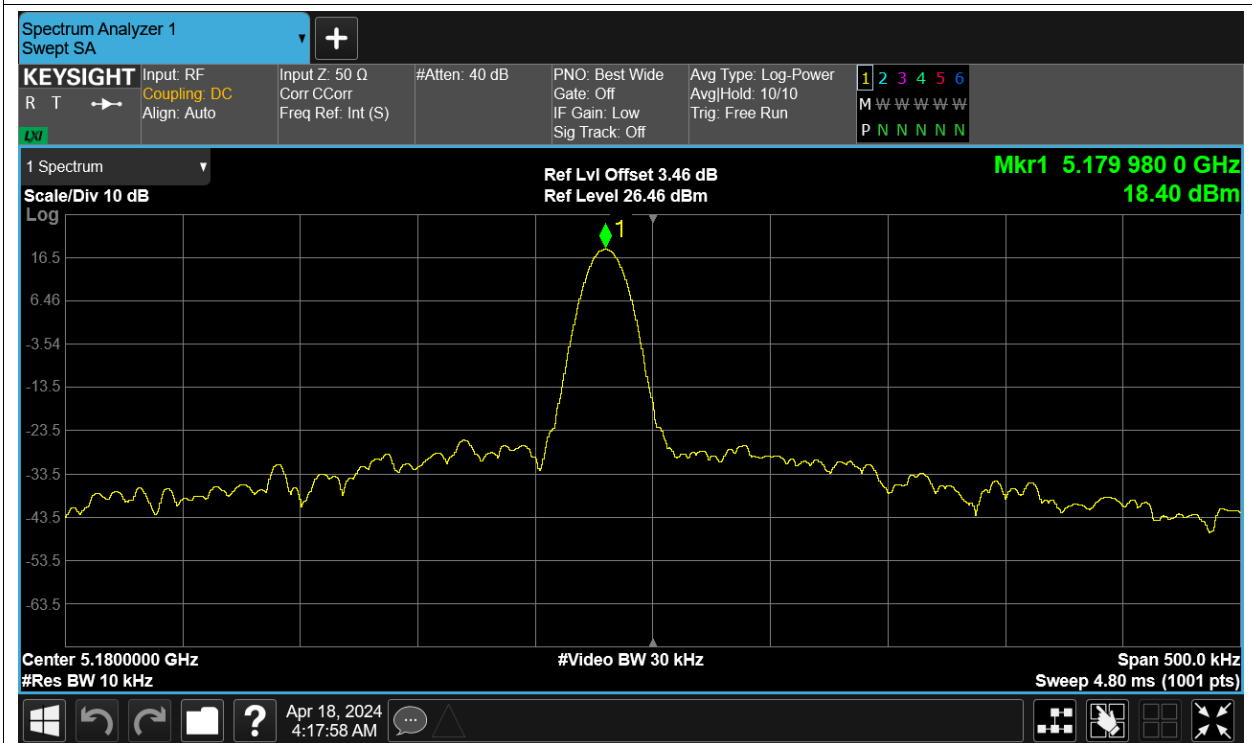
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant6	5179.9795	-3.96	Within authorized band	Pass
LVNT	a	5180	Ant6	5179.9795	-3.96		Pass
NVHT	a	5180	Ant6	5179.9795	-3.96		Pass
NVLT	a	5180	Ant6	5179.98	-3.86		Pass
NVNT	a	5180	Ant6	5179.98	-3.86		Pass
HVNT	ac80	5210	Ant6	5209.9785	-4.13		Pass
LVNT	ac80	5210	Ant6	5209.9785	-4.13		Pass
NVHT	ac80	5210	Ant6	5209.9785	-4.13		Pass
NVLT	ac80	5210	Ant6	5209.9785	-4.13		Pass
NVNT	ac80	5210	Ant6	5209.9788	-4.07		Pass
HVNT	n40	5190	Ant6	5189.9795	-3.95		Pass
LVNT	n40	5190	Ant6	5189.9795	-3.95		Pass
NVHT	n40	5190	Ant6	5189.9795	-3.95		Pass
NVLT	n40	5190	Ant6	5189.9795	-3.95		Pass
NVNT	n40	5190	Ant6	5189.9795	-3.95		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.							

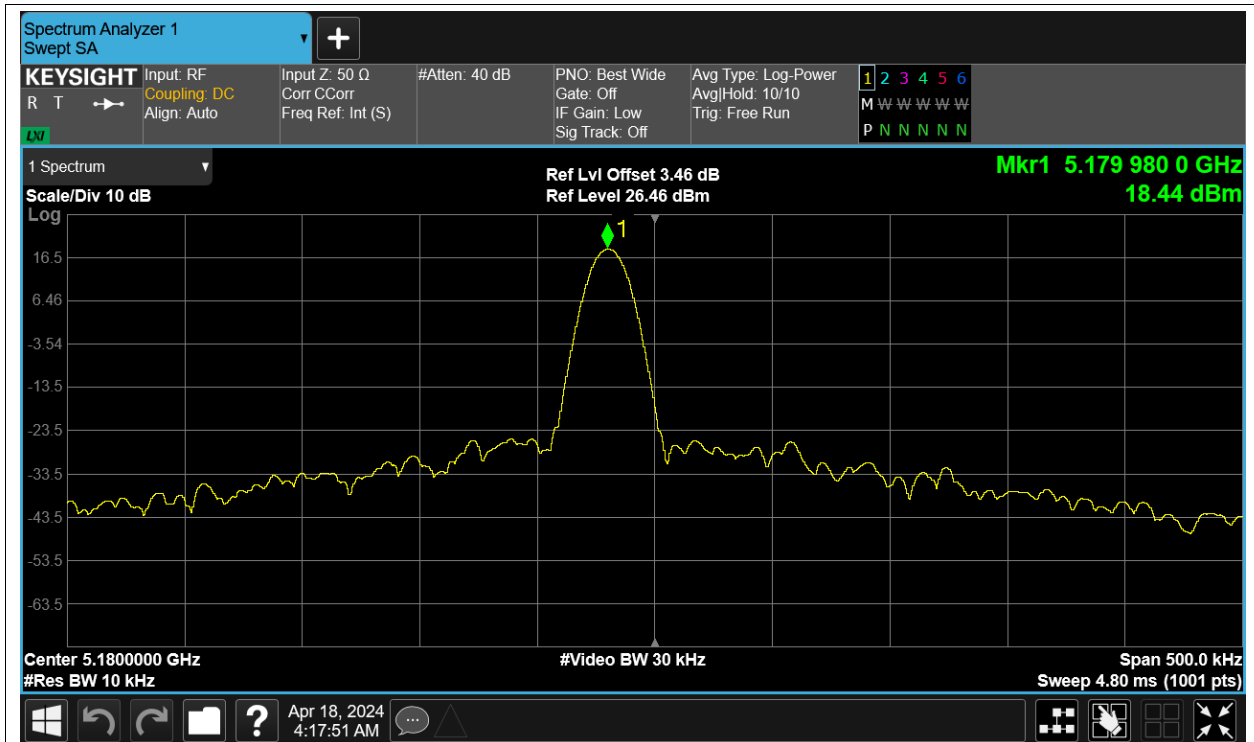




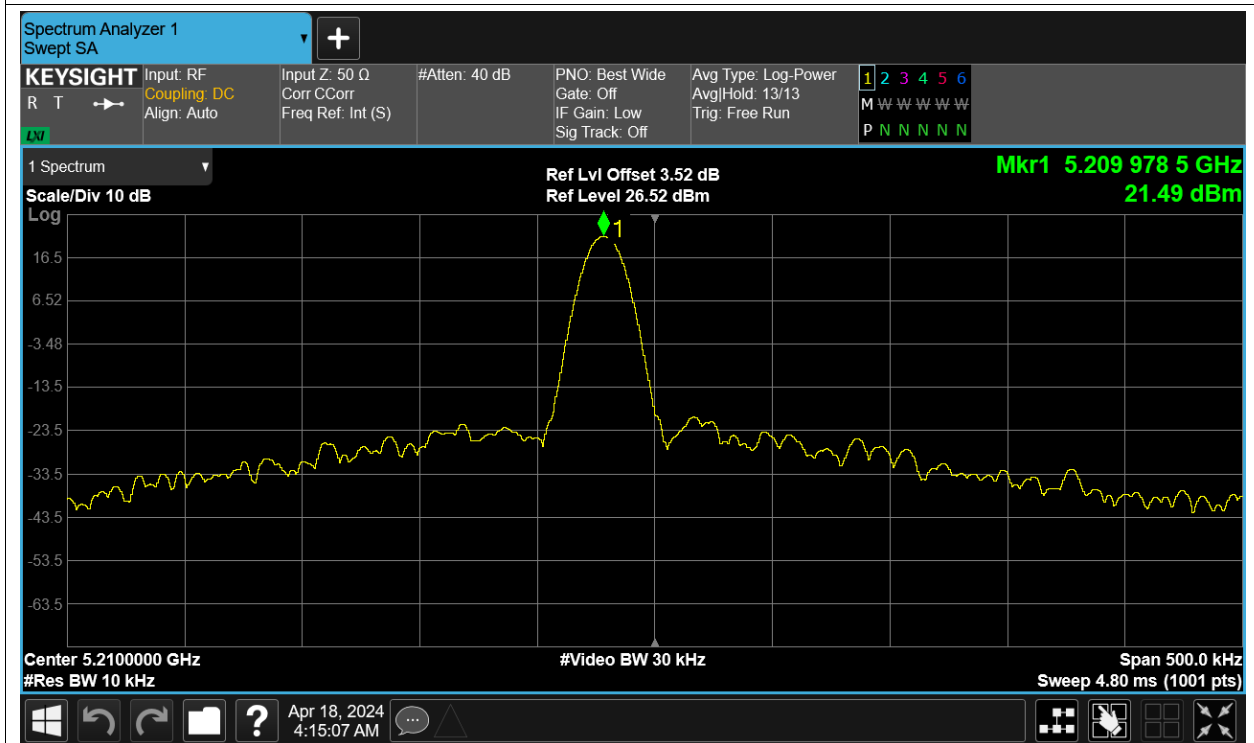
Freq. Stability NVLT a 5180MHz Ant6



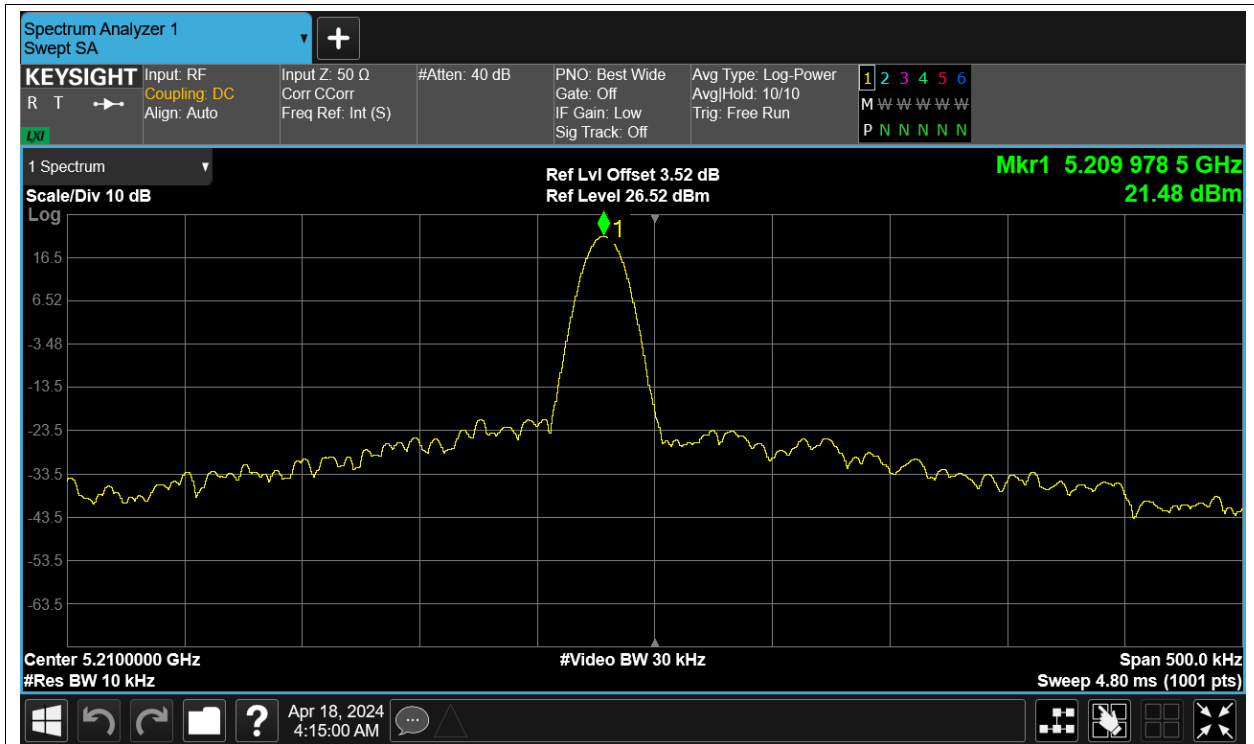
Freq. Stability NVNT a 5180MHz Ant6



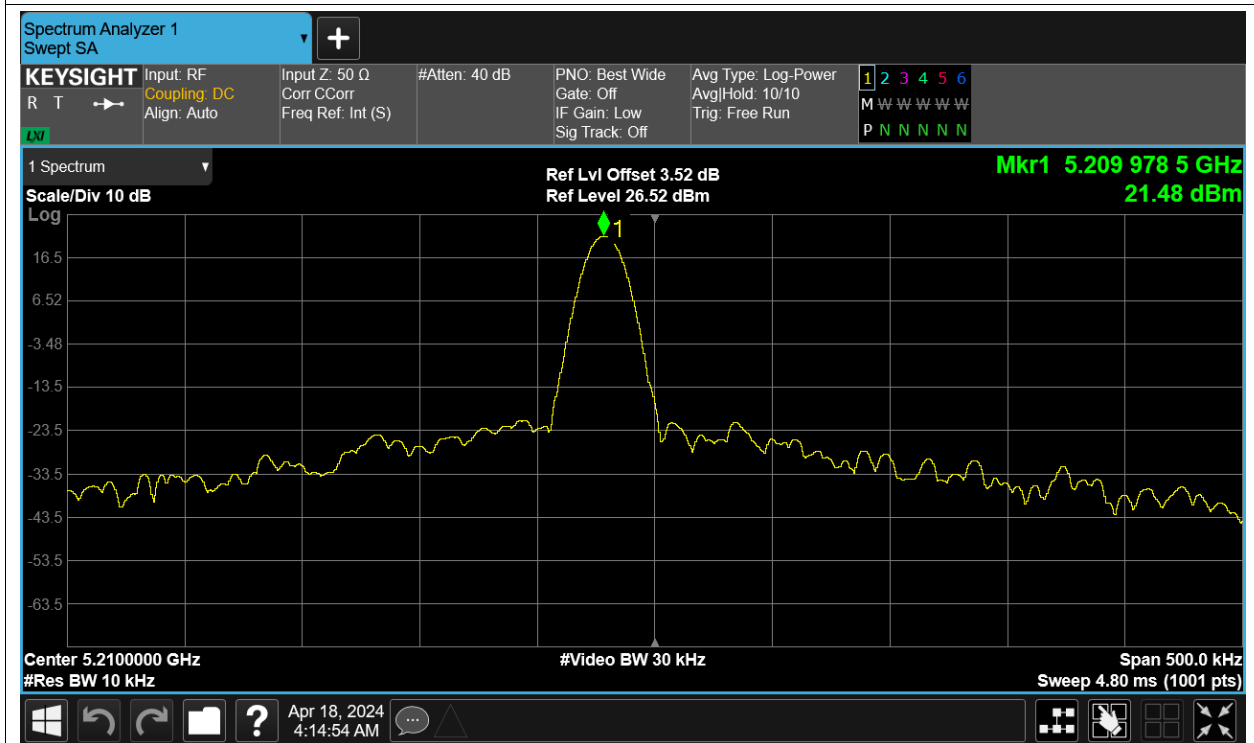
Freq. Stability HVNT ac80 5210MHz Ant6



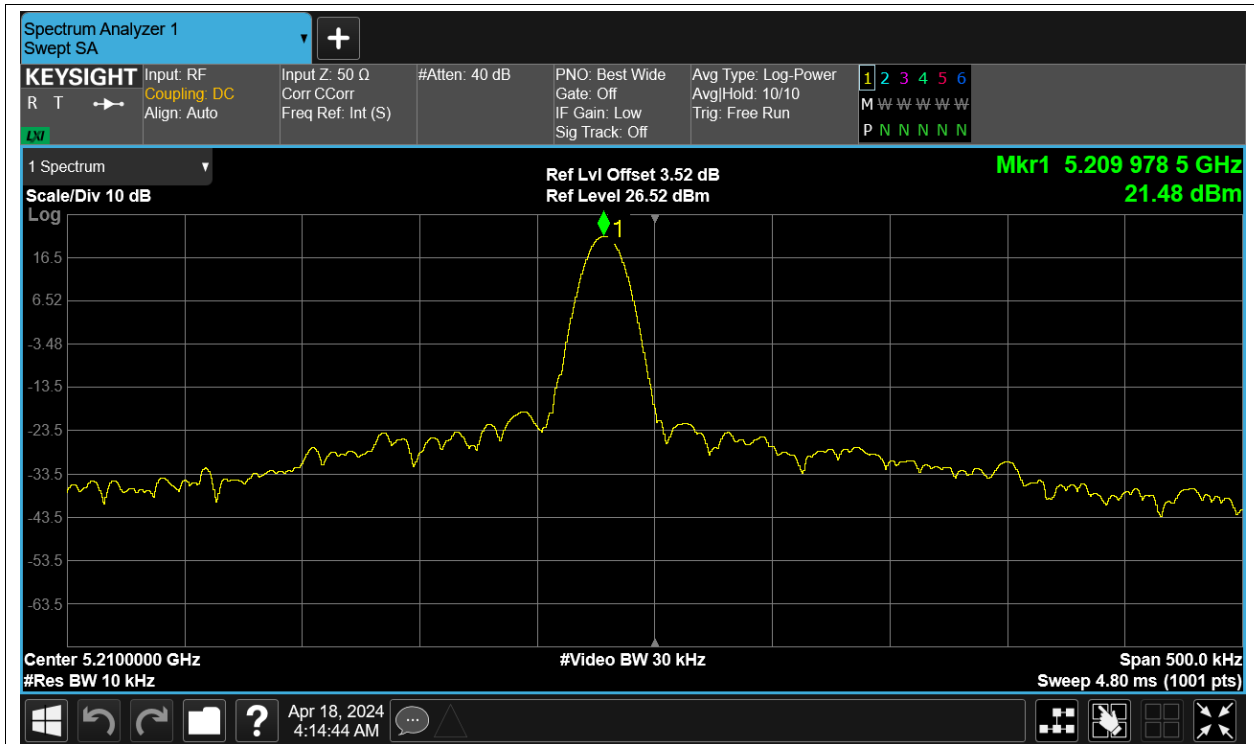
Freq. Stability LVNT ac80 5210MHz Ant6



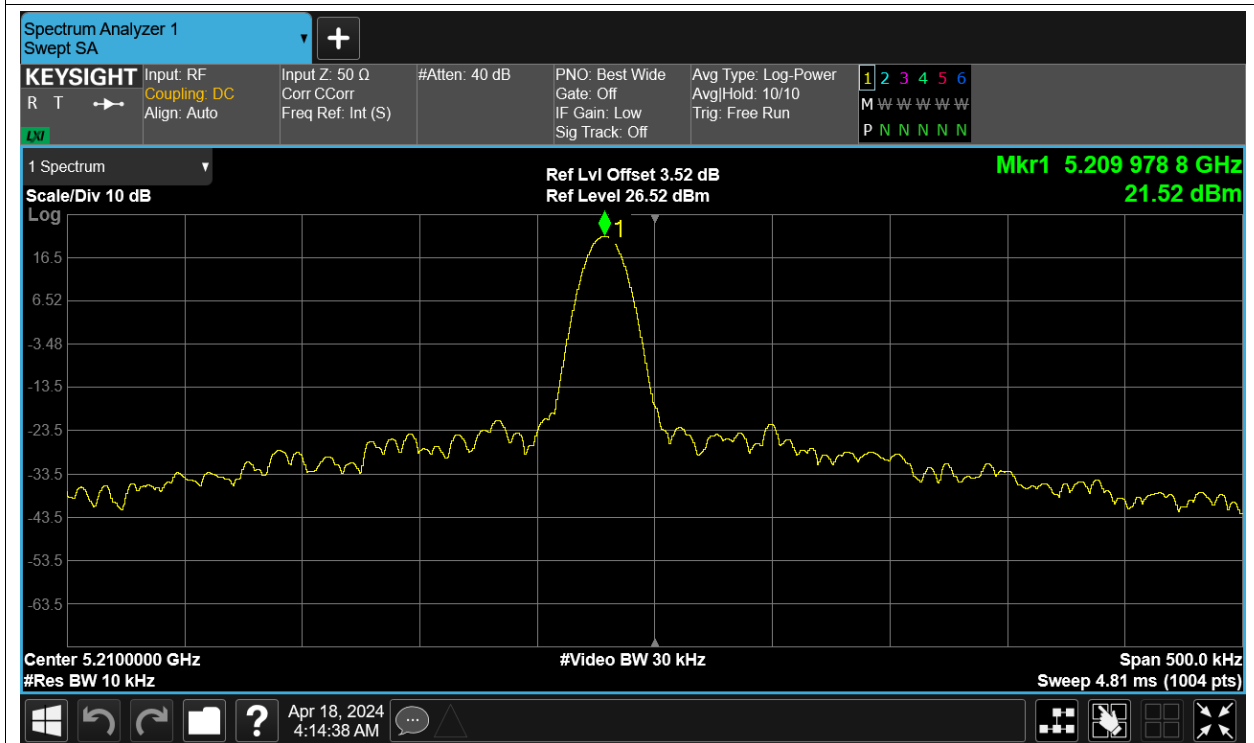
Freq. Stability NVHT ac80 5210MHz Ant6



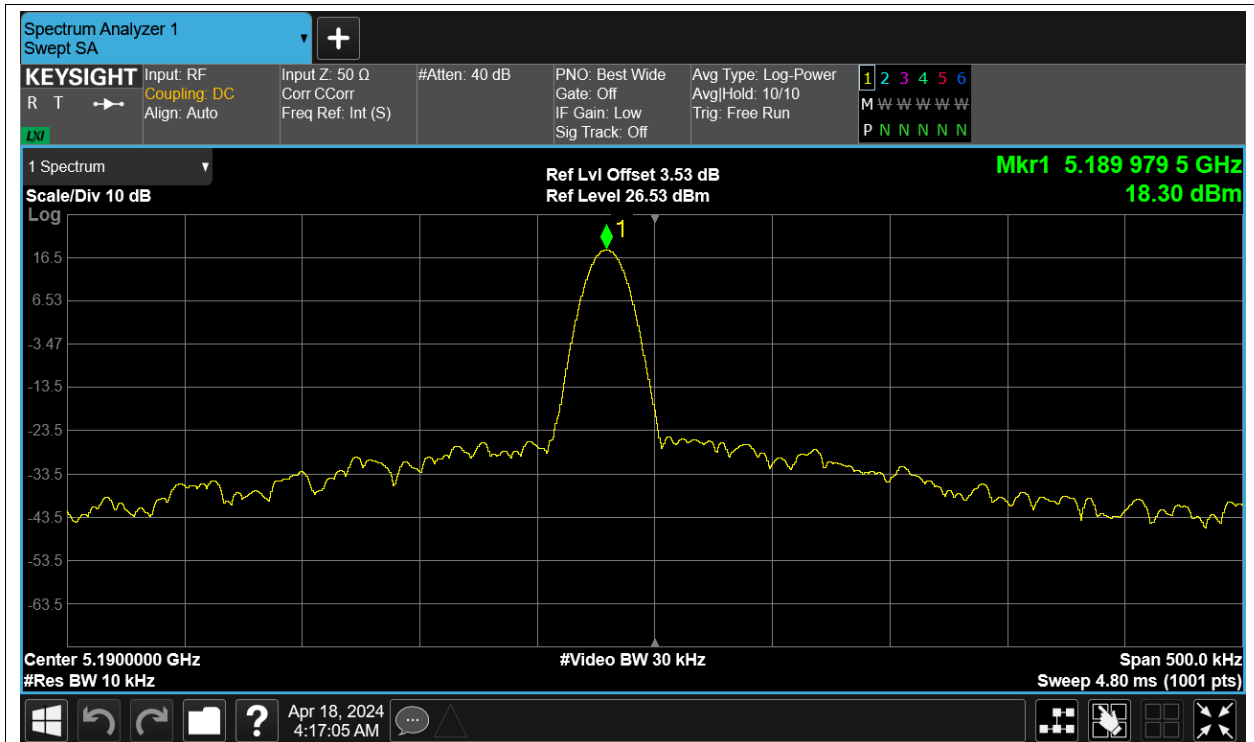
Freq. Stability NVLT ac80 5210MHz Ant6



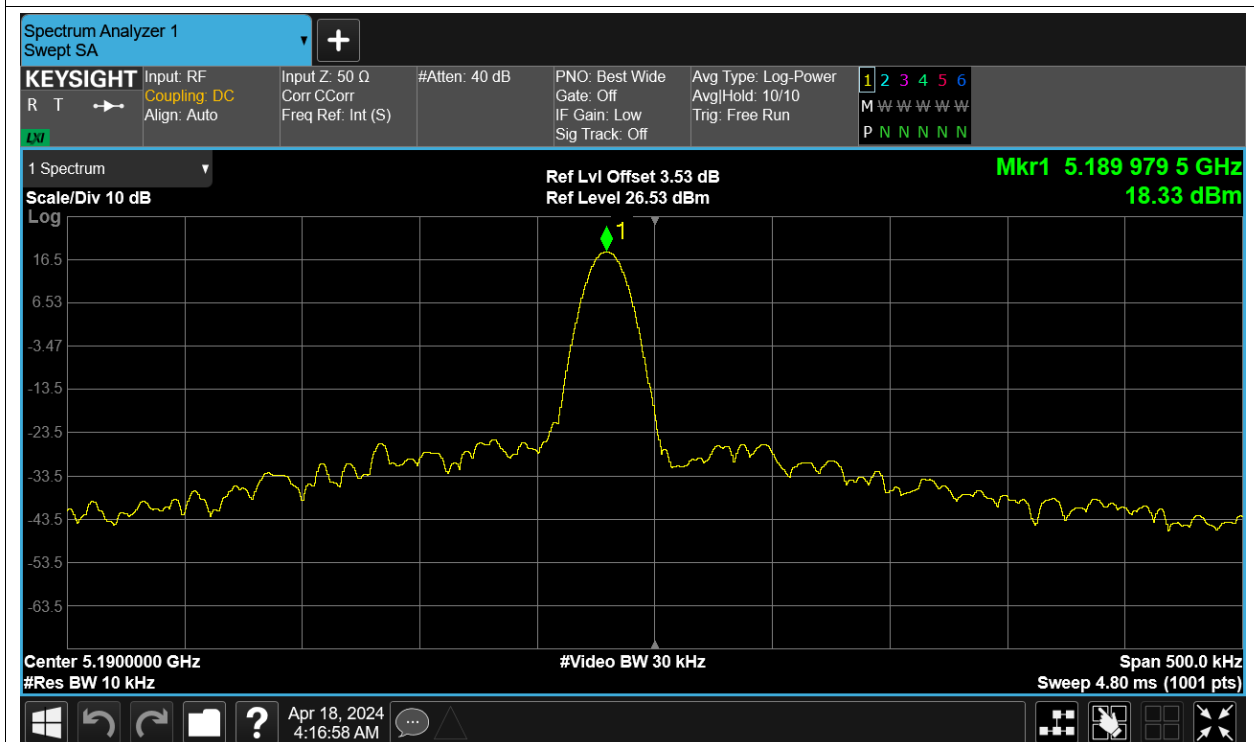
Freq. Stability NVNT ac80 5210MHz Ant6



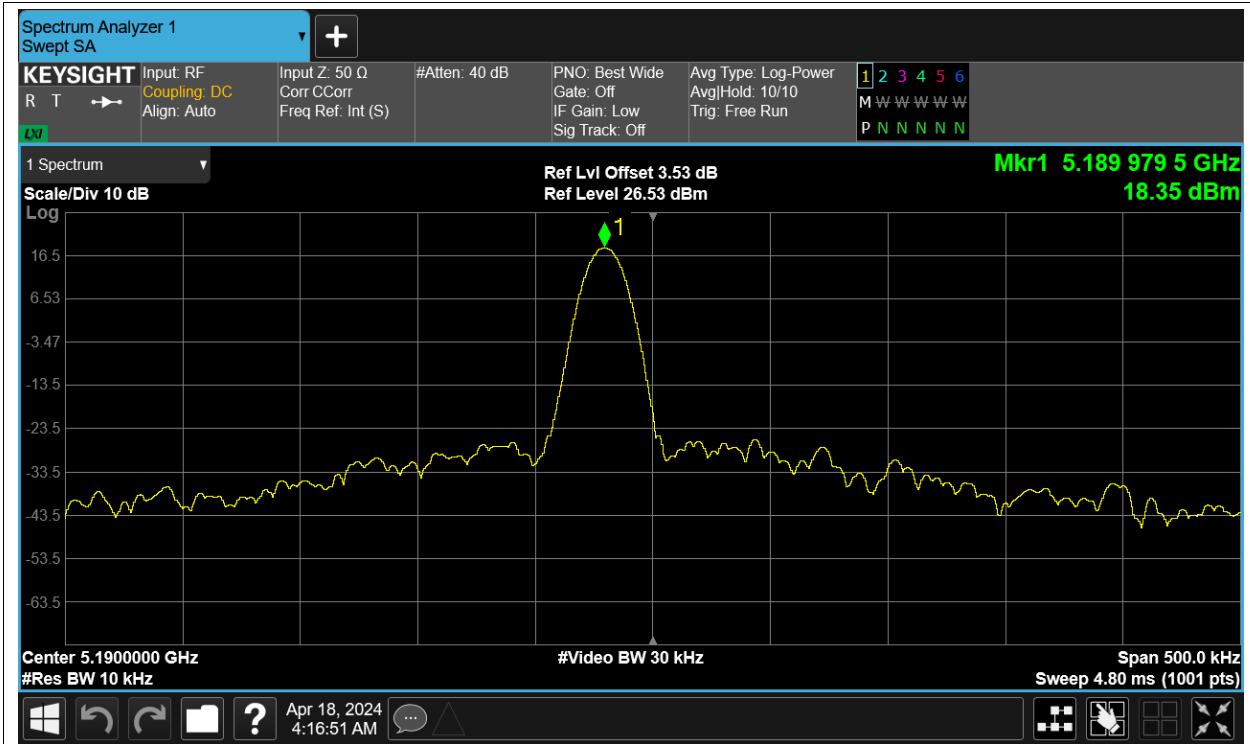
Freq. Stability HVNT n40 5190MHz Ant6



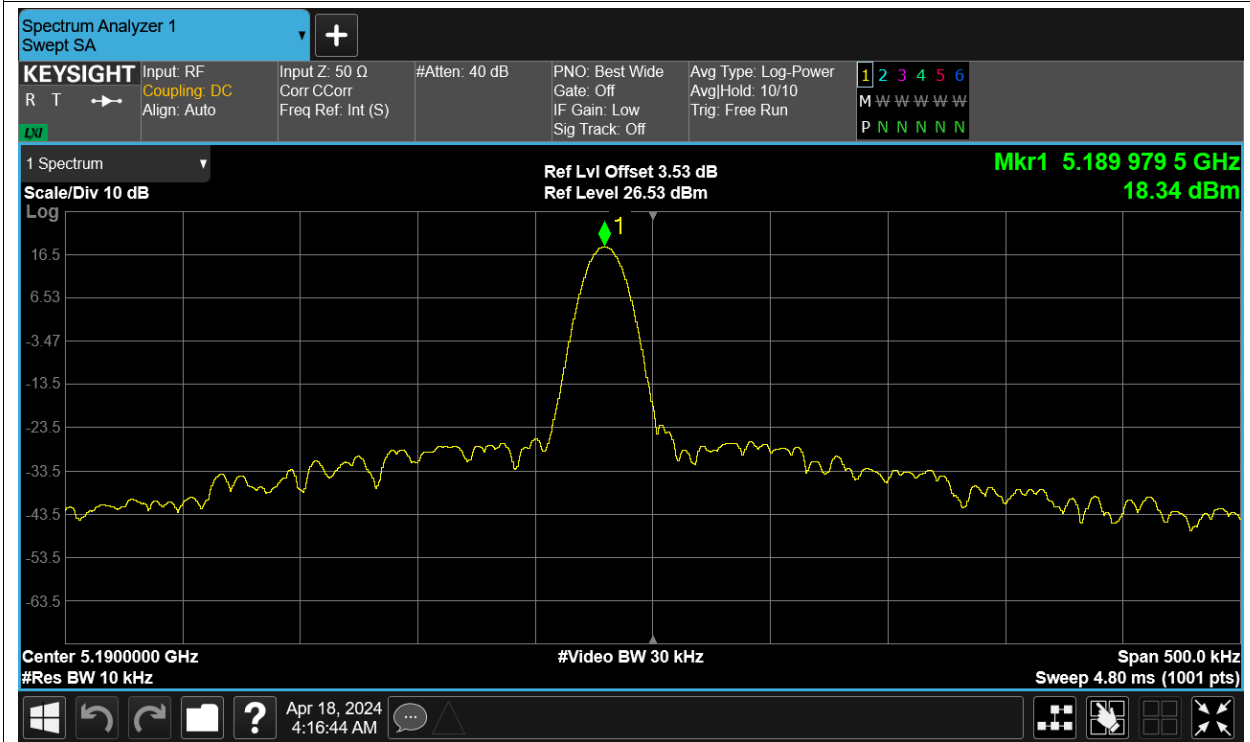
Freq. Stability LVNT n40 5190MHz Ant6



Freq. Stability NVHT n40 5190MHz Ant6



Freq. Stability NVLT n40 5190MHz Ant6

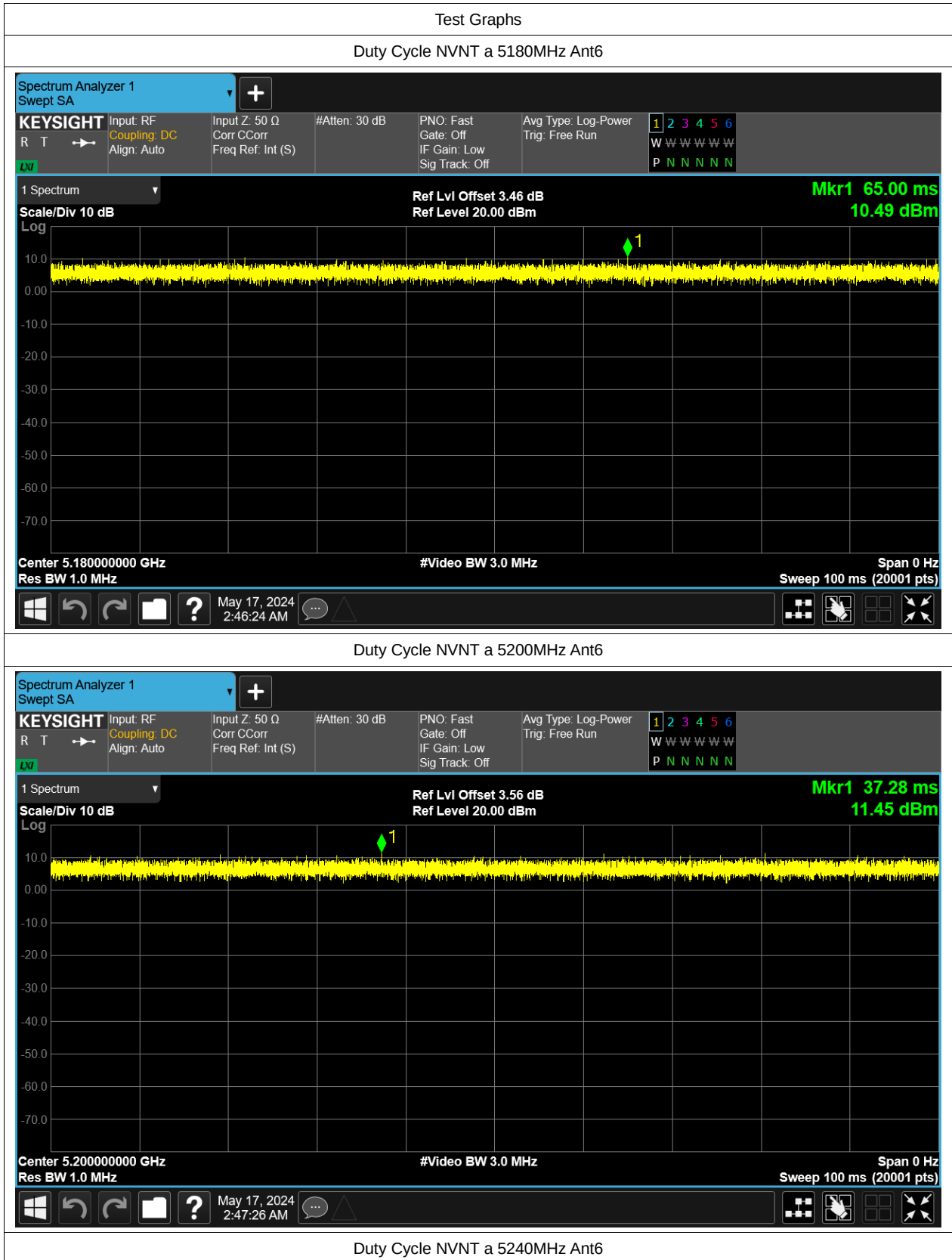


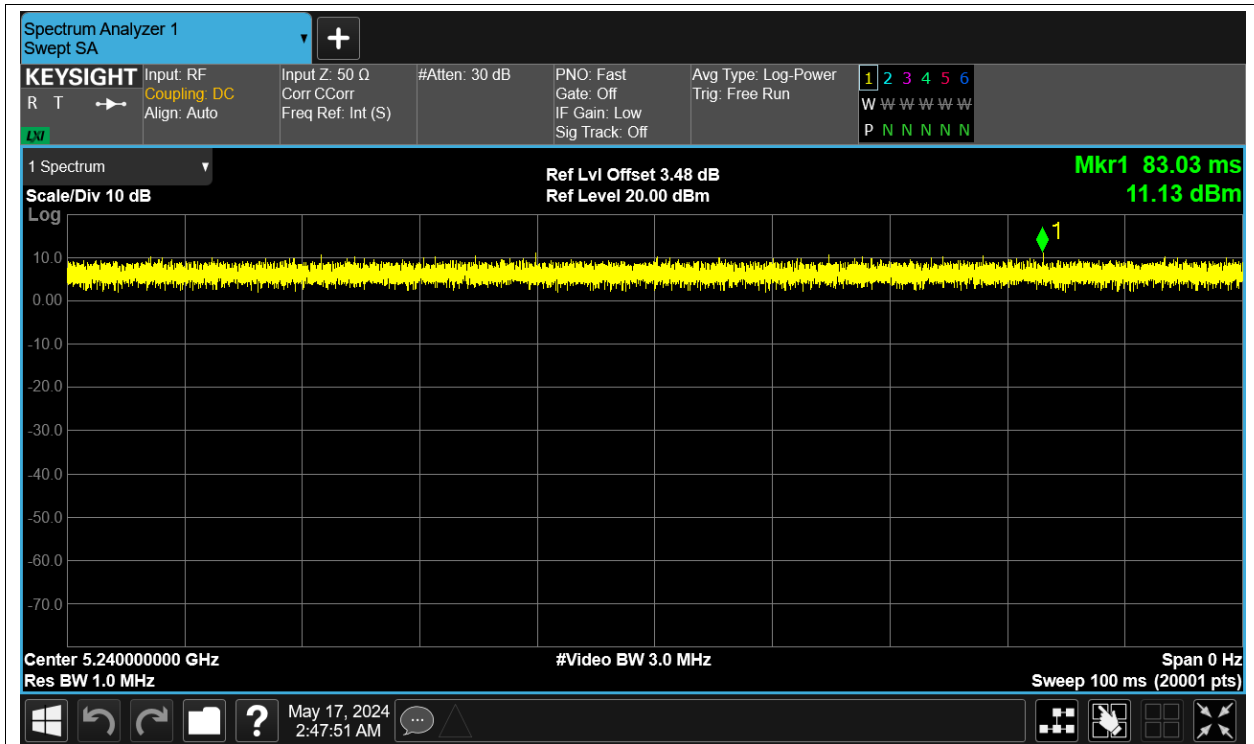
Freq. Stability NVNT n40 5190MHz Ant6



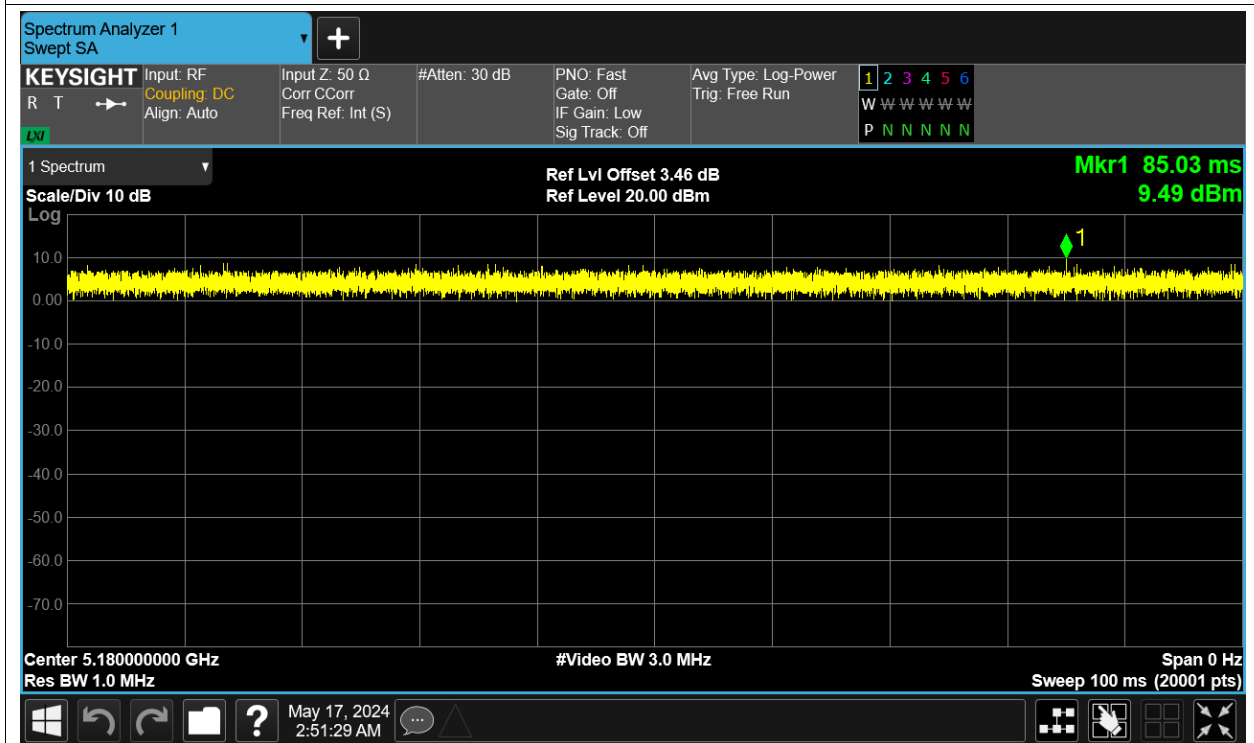
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant6	100	0
NVNT	a	5200	Ant6	100	0
NVNT	a	5240	Ant6	100	0
NVNT	ac20	5180	Ant6	100	0
NVNT	ac20	5200	Ant6	100	0
NVNT	ac20	5240	Ant6	100	0
NVNT	ac40	5190	Ant6	100	0
NVNT	ac40	5230	Ant6	100	0
NVNT	ac80	5210	Ant6	100	0
NVNT	n20	5180	Ant6	100	0
NVNT	n20	5200	Ant6	100	0
NVNT	n20	5240	Ant6	100	0
NVNT	n40	5190	Ant6	100	0
NVNT	n40	5230	Ant6	100	0

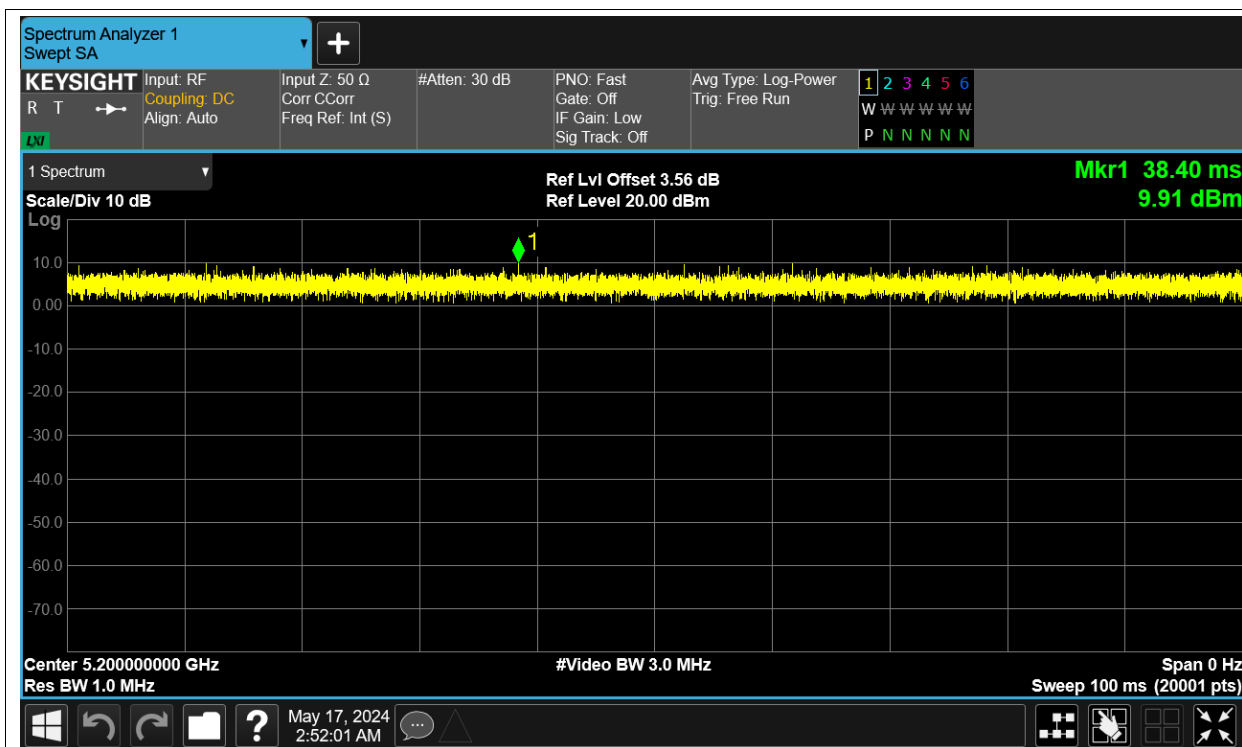




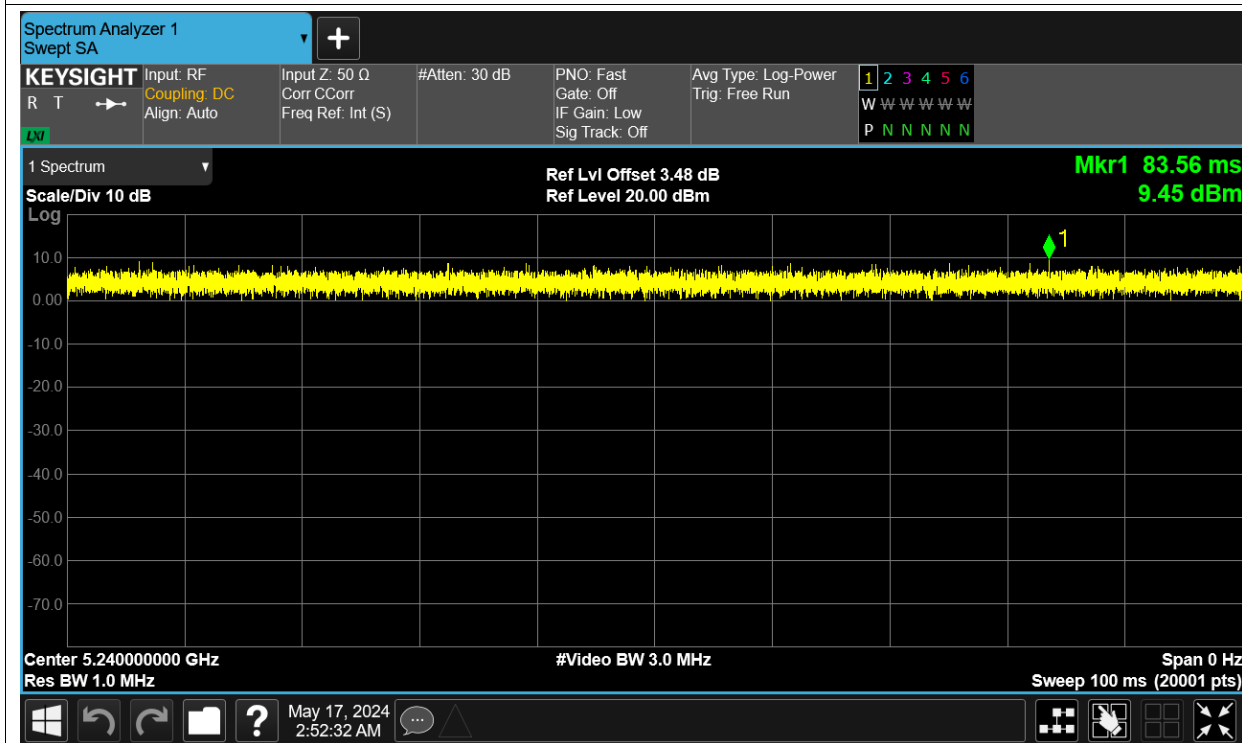
Duty Cycle NVNT ac20 5180MHz Ant6



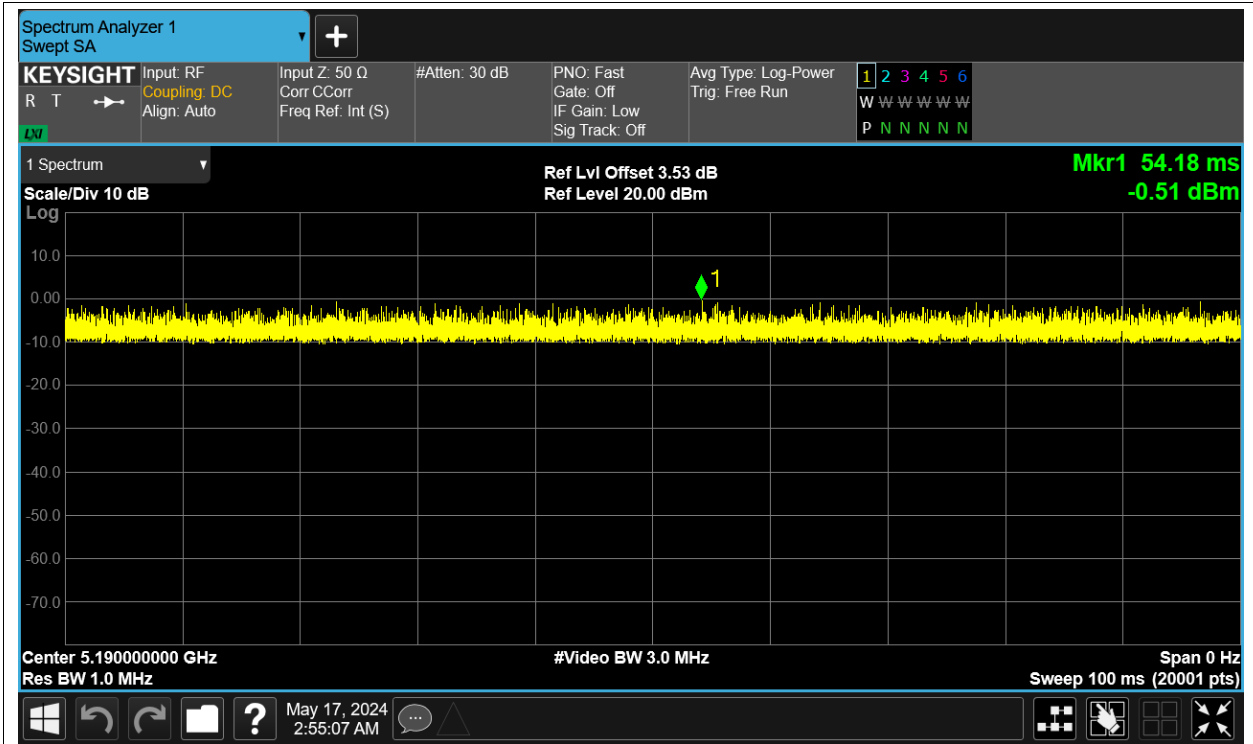
Duty Cycle NVNT ac20 5200MHz Ant6



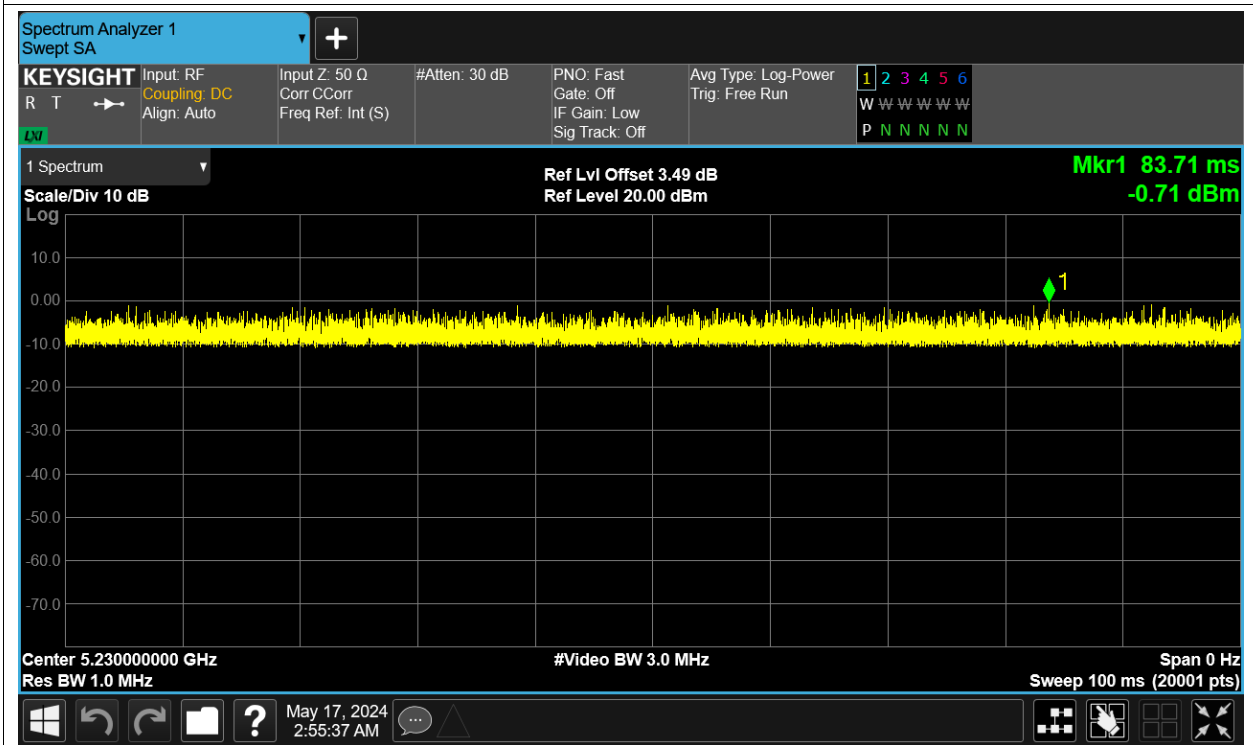
Duty Cycle NVNT ac20 5240MHz Ant6



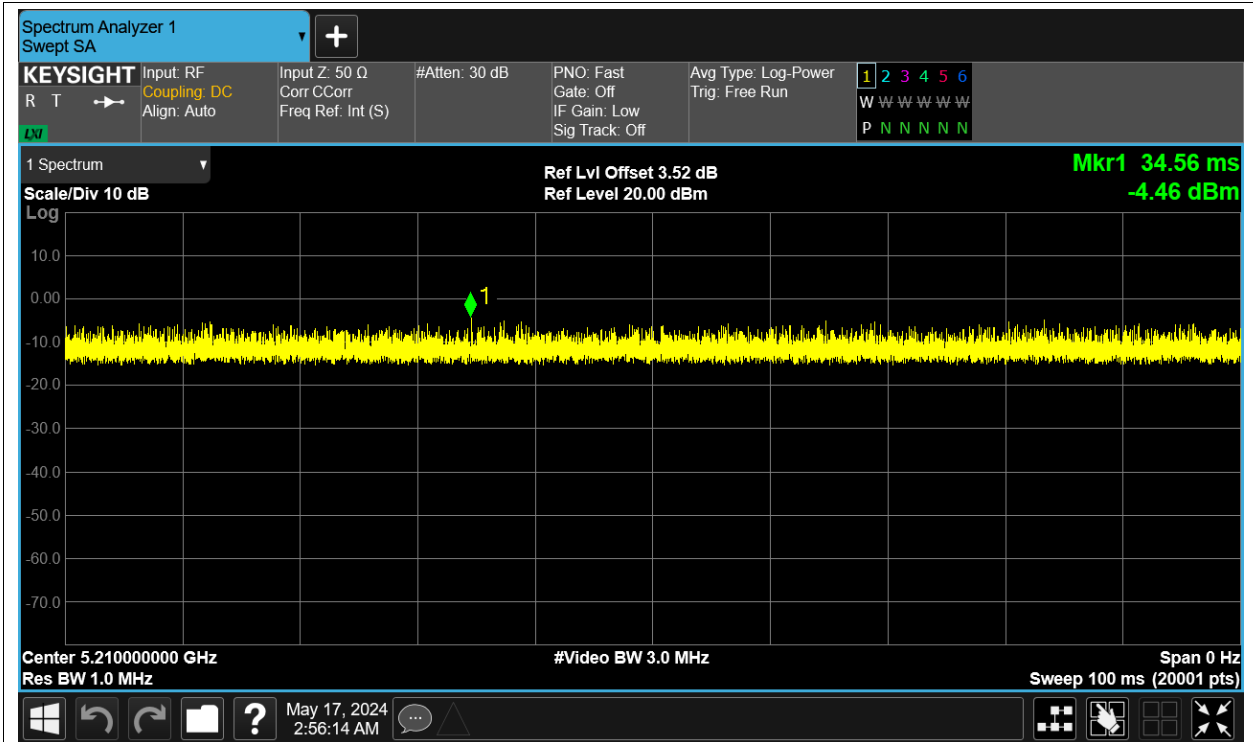
Duty Cycle NVNT ac40 5190MHz Ant6



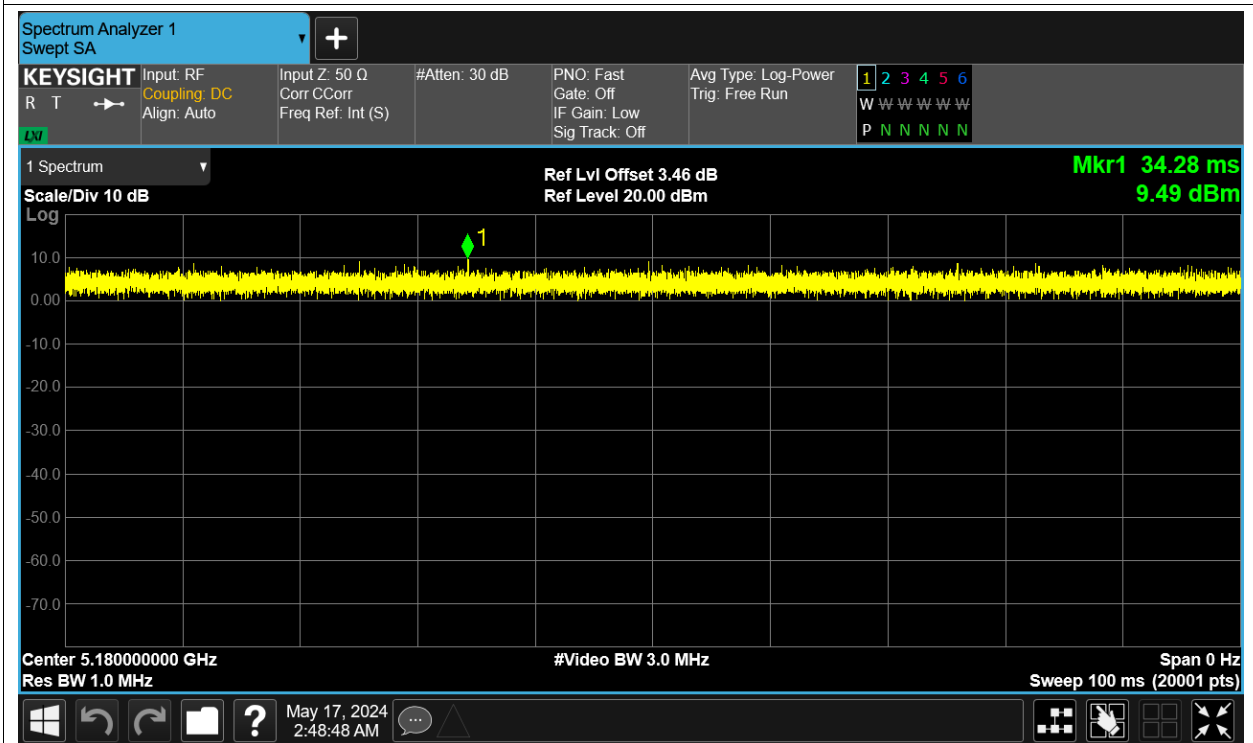
Duty Cycle NVNT ac40 5230MHz Ant6



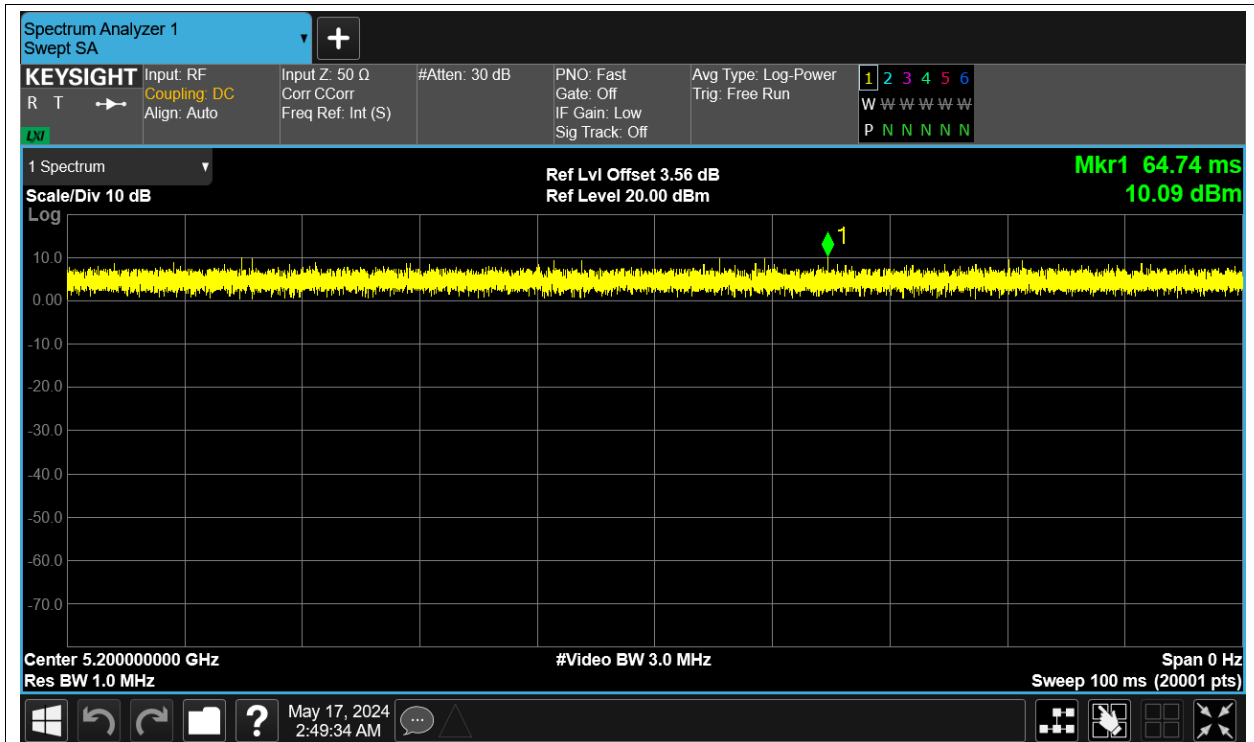
Duty Cycle NVNT ac80 5210MHz Ant6



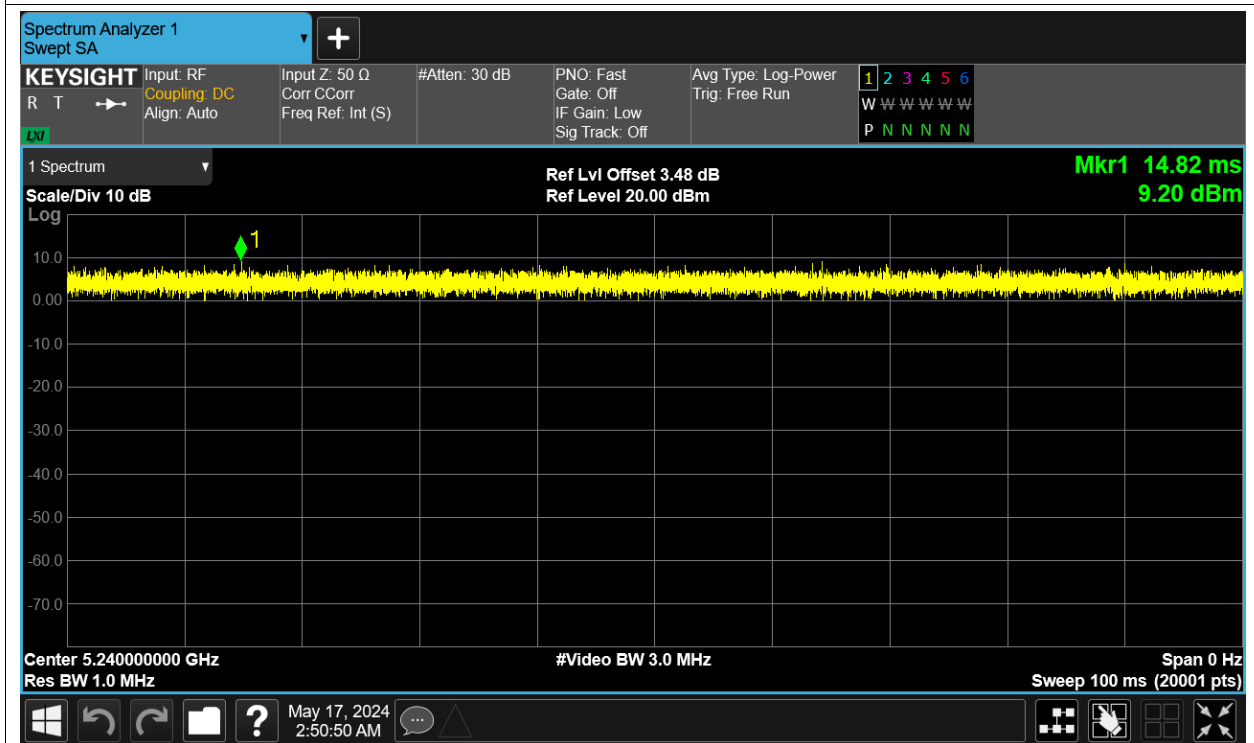
Duty Cycle NVNT n20 5180MHz Ant6



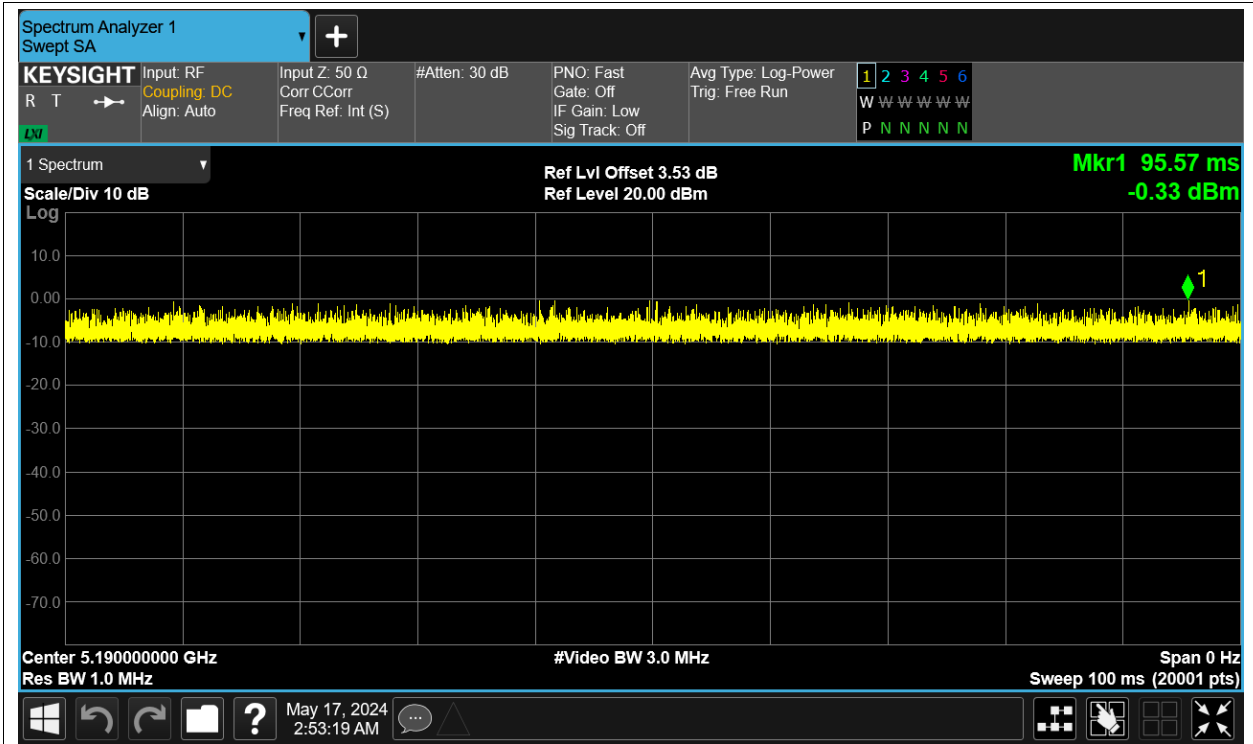
Duty Cycle NVNT n20 5200MHz Ant6



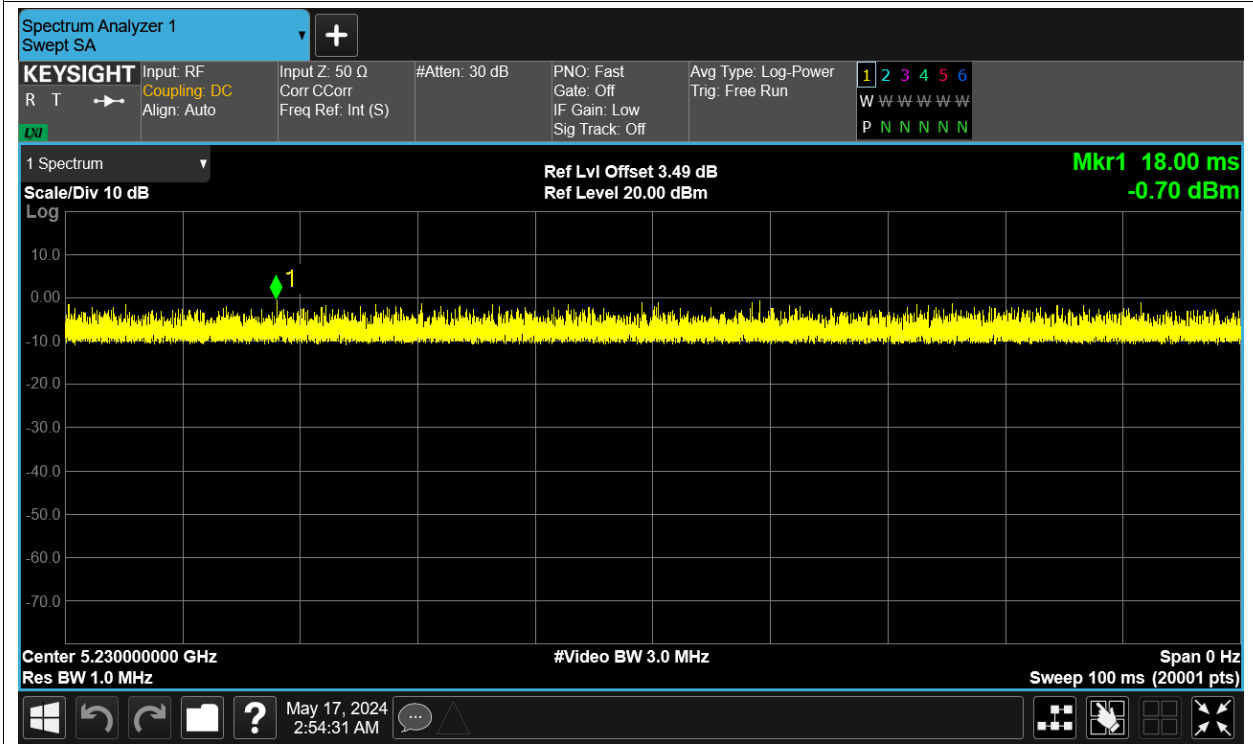
Duty Cycle NVNT n20 5240MHz Ant6



Duty Cycle NVNT n40 5190MHz Ant6



Duty Cycle NVNT n40 5230MHz Ant6



Maximum Conducted Output Power

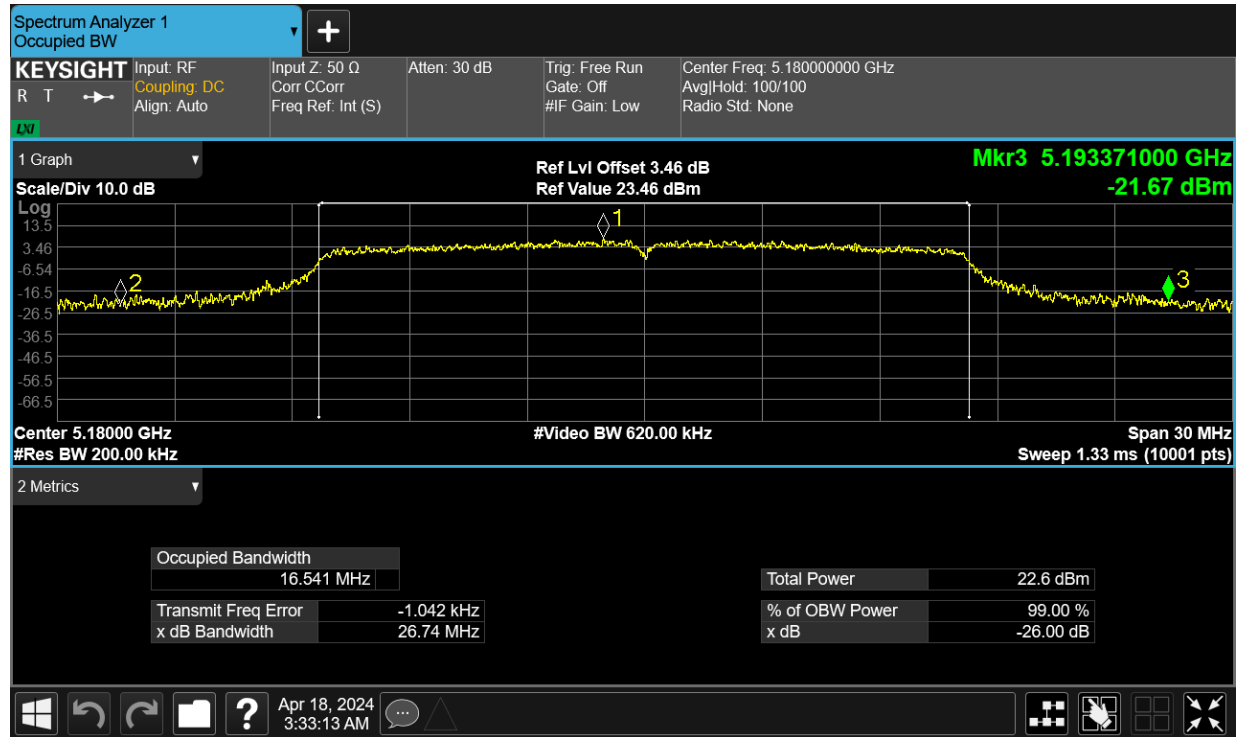
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant6	13.09	0	13.09	24	Pass
NVNT	a	5200	Ant6	13.74	0	13.74	24	Pass
NVNT	a	5240	Ant6	13.82	0	13.82	24	Pass
NVNT	ac20	5180	Ant6	11.6	0	11.6	24	Pass
NVNT	ac20	5200	Ant6	11.92	0	11.92	24	Pass
NVNT	ac20	5240	Ant6	11.93	0	11.93	24	Pass
NVNT	ac40	5190	Ant6	6.88	0	6.88	24	Pass
NVNT	ac40	5230	Ant6	7.26	0	7.26	24	Pass
NVNT	ac80	5210	Ant6	5.36	0	5.36	24	Pass
NVNT	n20	5180	Ant6	11.57	0	11.57	24	Pass
NVNT	n20	5200	Ant6	11.85	0	11.85	24	Pass
NVNT	n20	5240	Ant6	11.93	0	11.93	24	Pass
NVNT	n40	5190	Ant6	6.94	0	6.94	24	Pass
NVNT	n40	5230	Ant6	7.28	0	7.28	24	Pass

-26dB Bandwidth

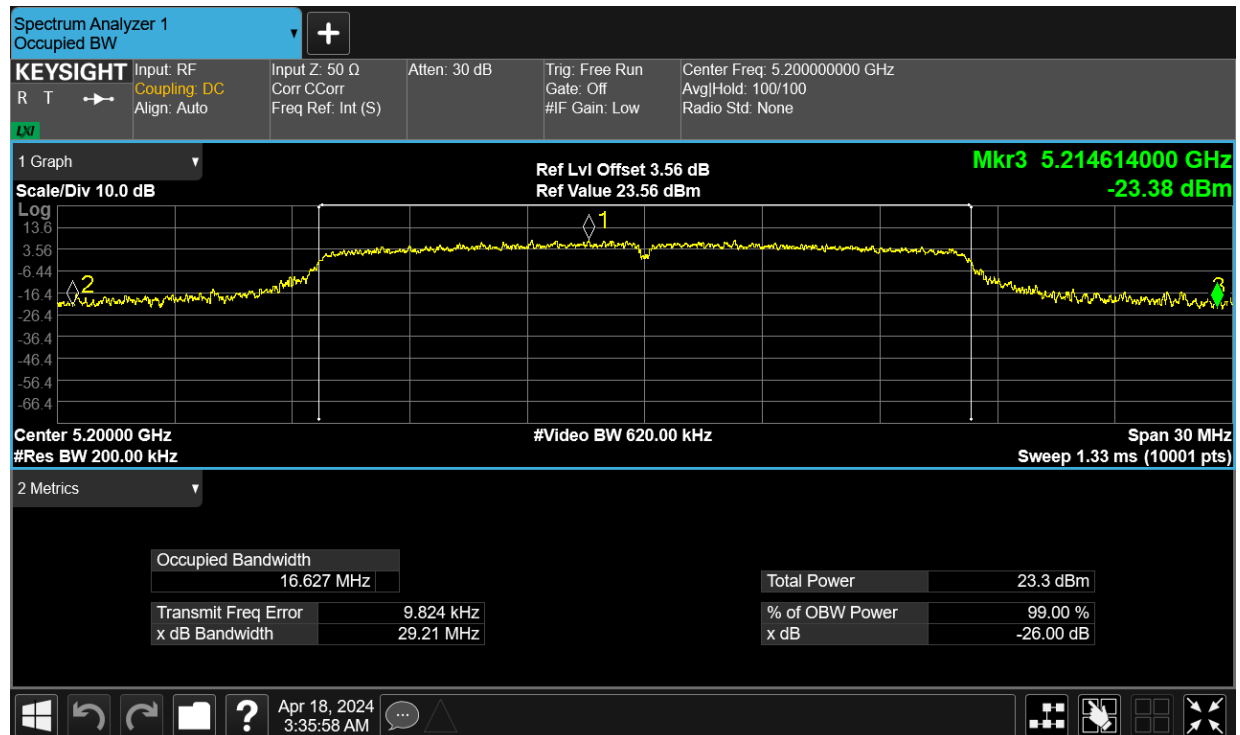
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant6	26.744
NVNT	a	5200	Ant6	29.208
NVNT	a	5240	Ant6	23.582
NVNT	ac20	5180	Ant6	20.449
NVNT	ac20	5200	Ant6	20.103
NVNT	ac20	5240	Ant6	21.841
NVNT	ac40	5190	Ant6	40.104
NVNT	ac40	5230	Ant6	39.688
NVNT	ac80	5210	Ant6	78.709
NVNT	n20	5180	Ant6	24.667
NVNT	n20	5200	Ant6	24.059
NVNT	n20	5240	Ant6	26.552
NVNT	n40	5190	Ant6	45.387
NVNT	n40	5230	Ant6	41.996

Test Graphs

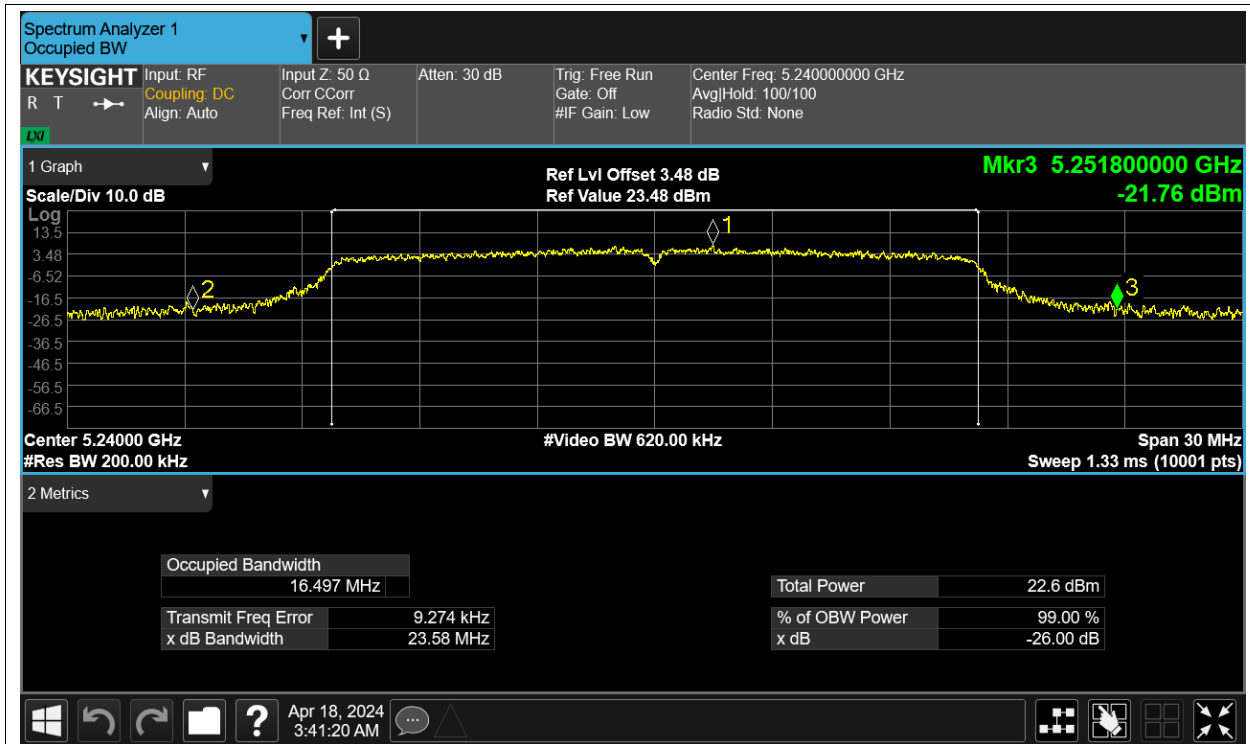
-26dB Bandwidth NVNT a 5180MHz Ant6



-26dB Bandwidth NVNT a 5200MHz Ant6



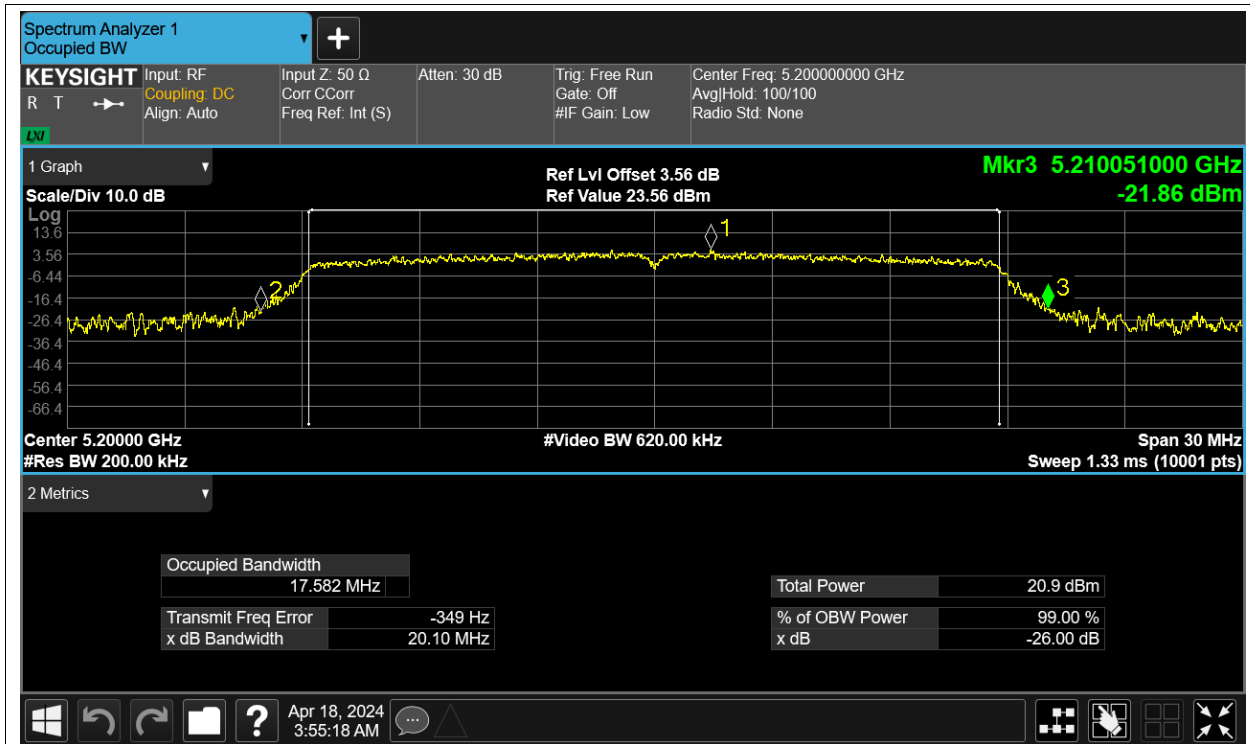
-26dB Bandwidth NVNT a 5240MHz Ant6



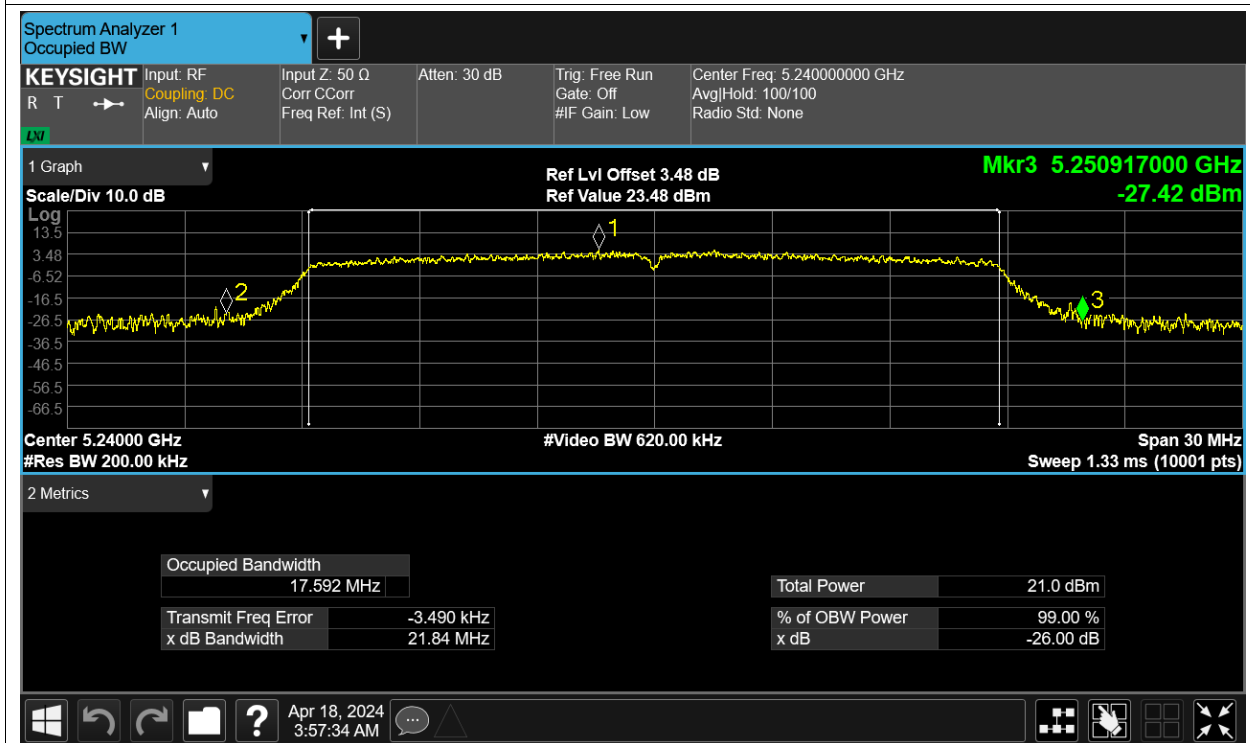
-26dB Bandwidth NVNT ac20 5180MHz Ant6



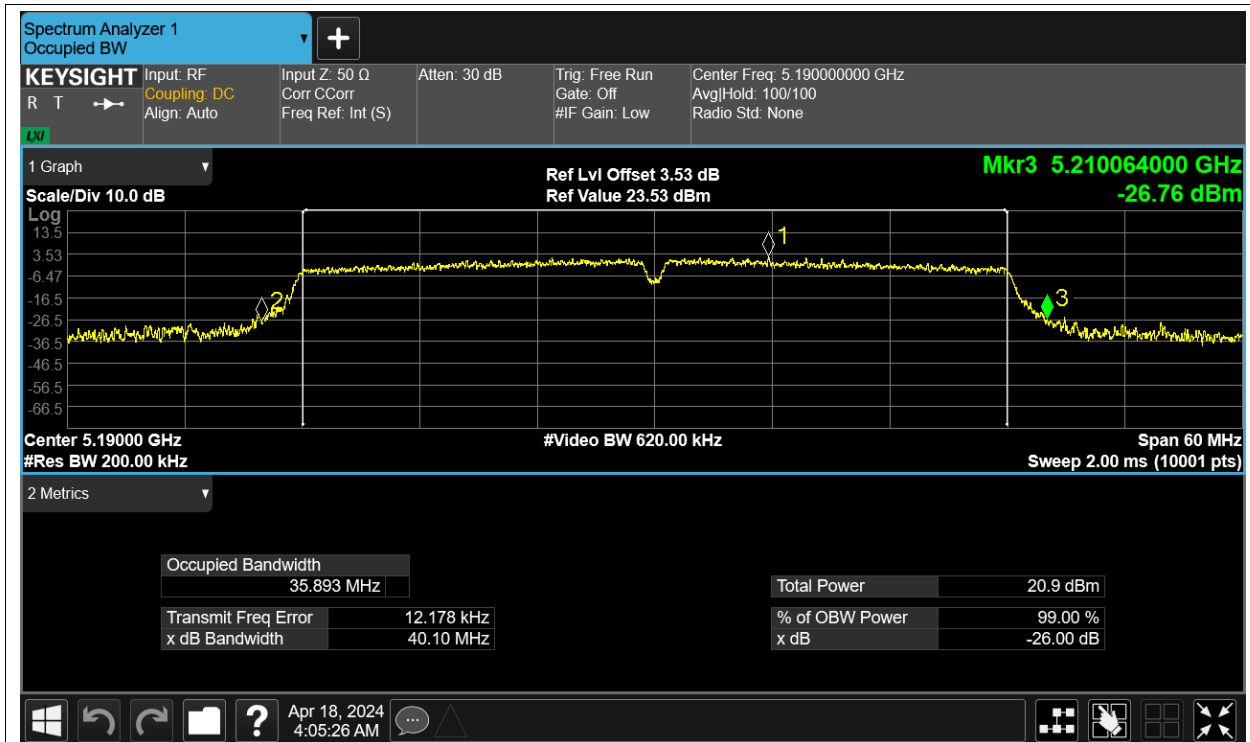
-26dB Bandwidth NVNT ac20 5200MHz Ant6



-26dB Bandwidth NVNT ac20 5240MHz Ant6



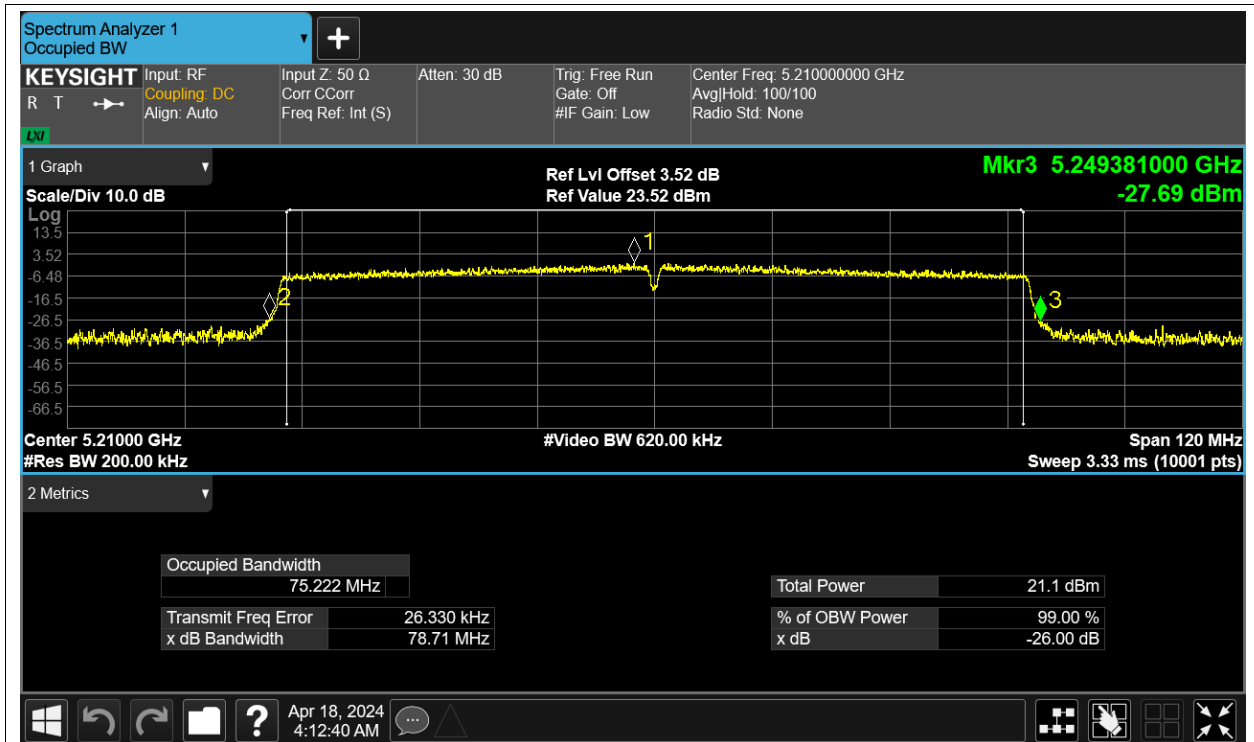
-26dB Bandwidth NVNT ac40 5190MHz Ant6



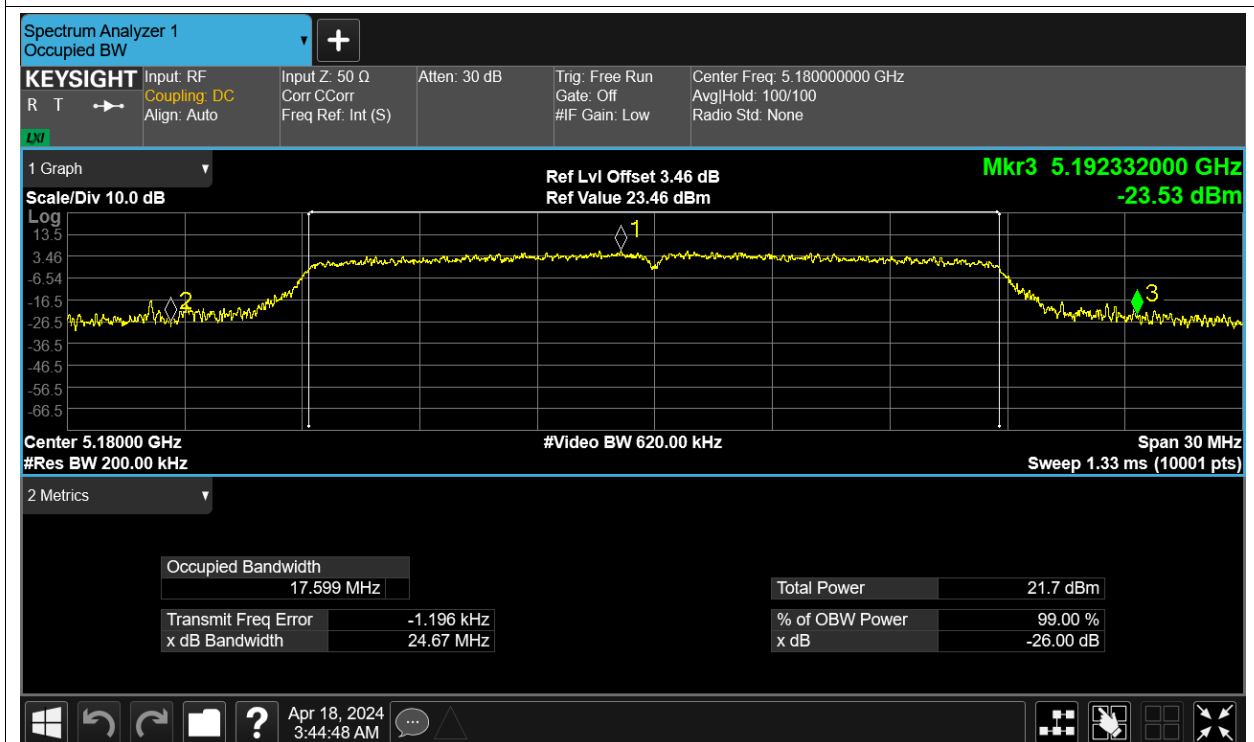
-26dB Bandwidth NVNT ac40 5230MHz Ant6



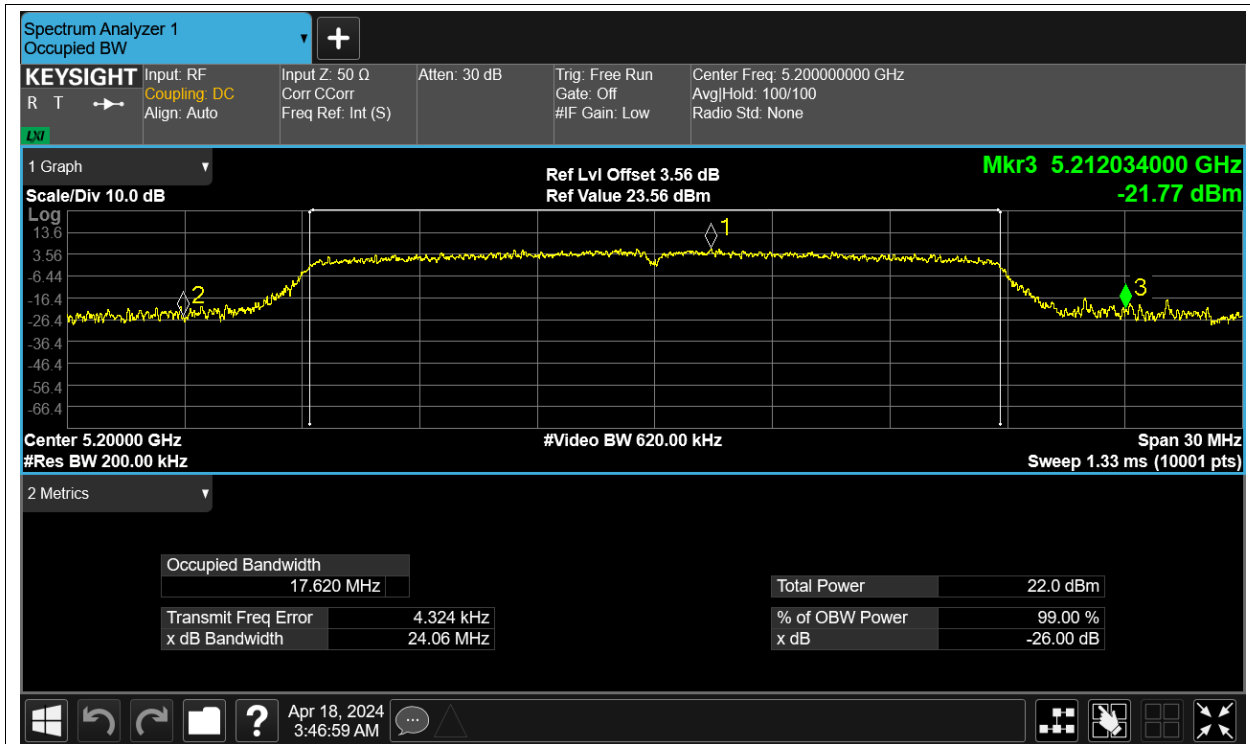
-26dB Bandwidth NVNT ac80 5210MHz Ant6



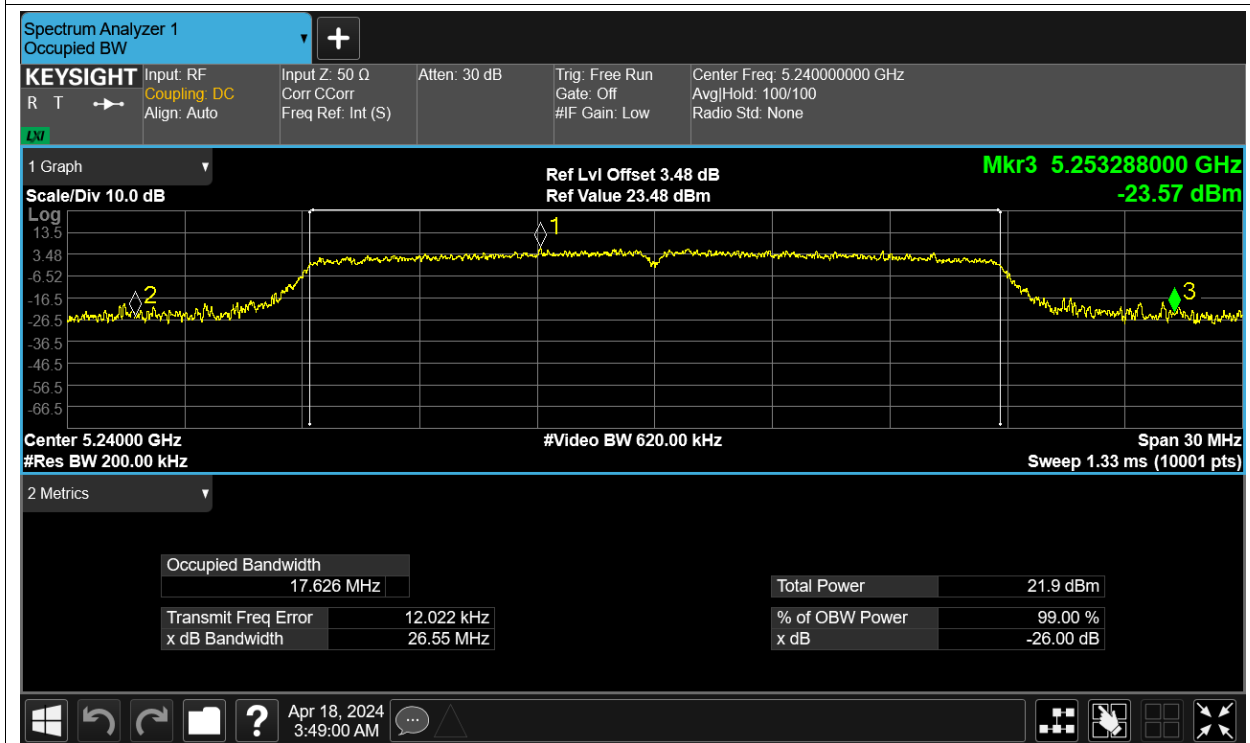
-26dB Bandwidth NVNT n20 5180MHz Ant6



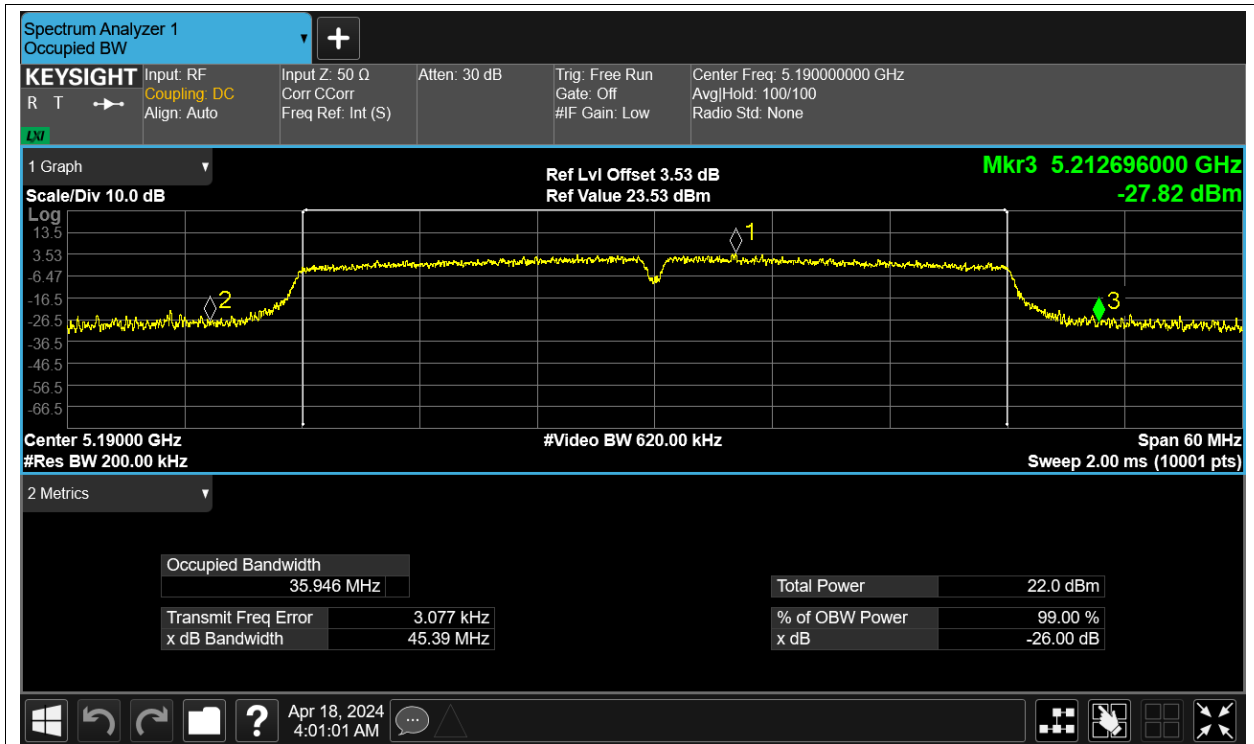
-26dB Bandwidth NVNT n20 5200MHz Ant6



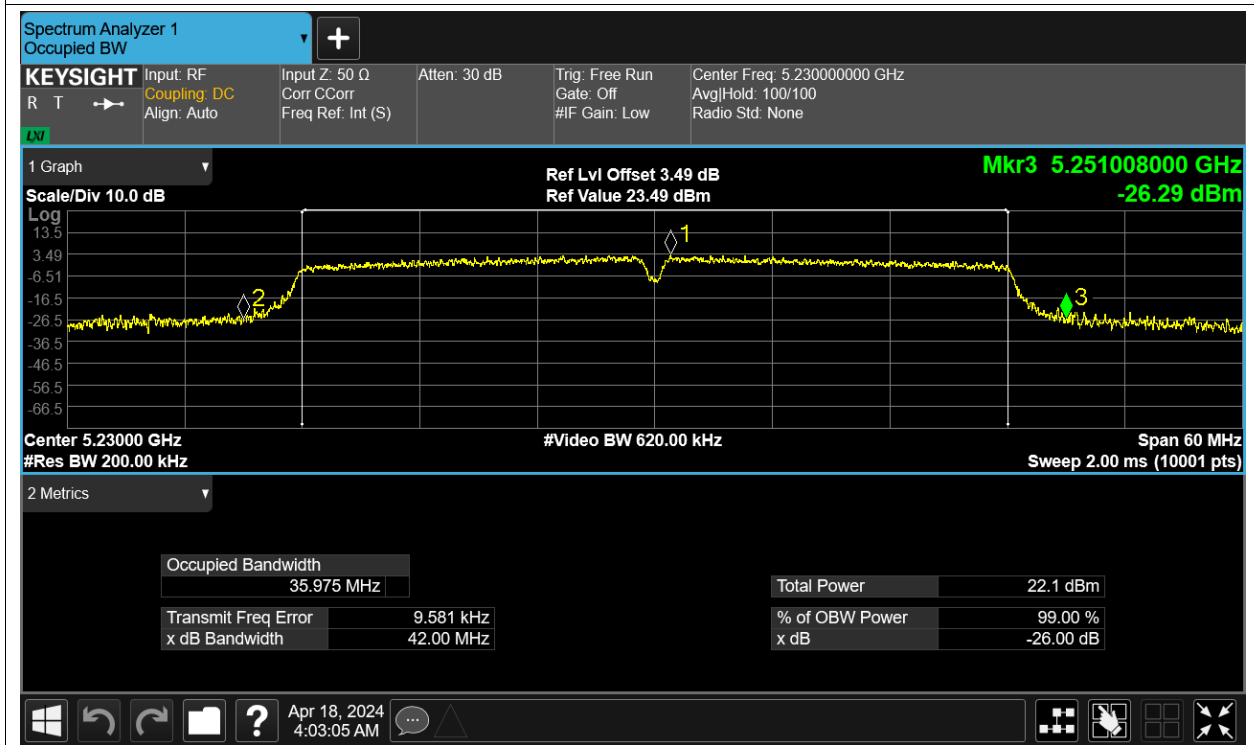
-26dB Bandwidth NVNT n20 5240MHz Ant6



-26dB Bandwidth NVNT n40 5190MHz Ant6



-26dB Bandwidth NVNT n40 5230MHz Ant6

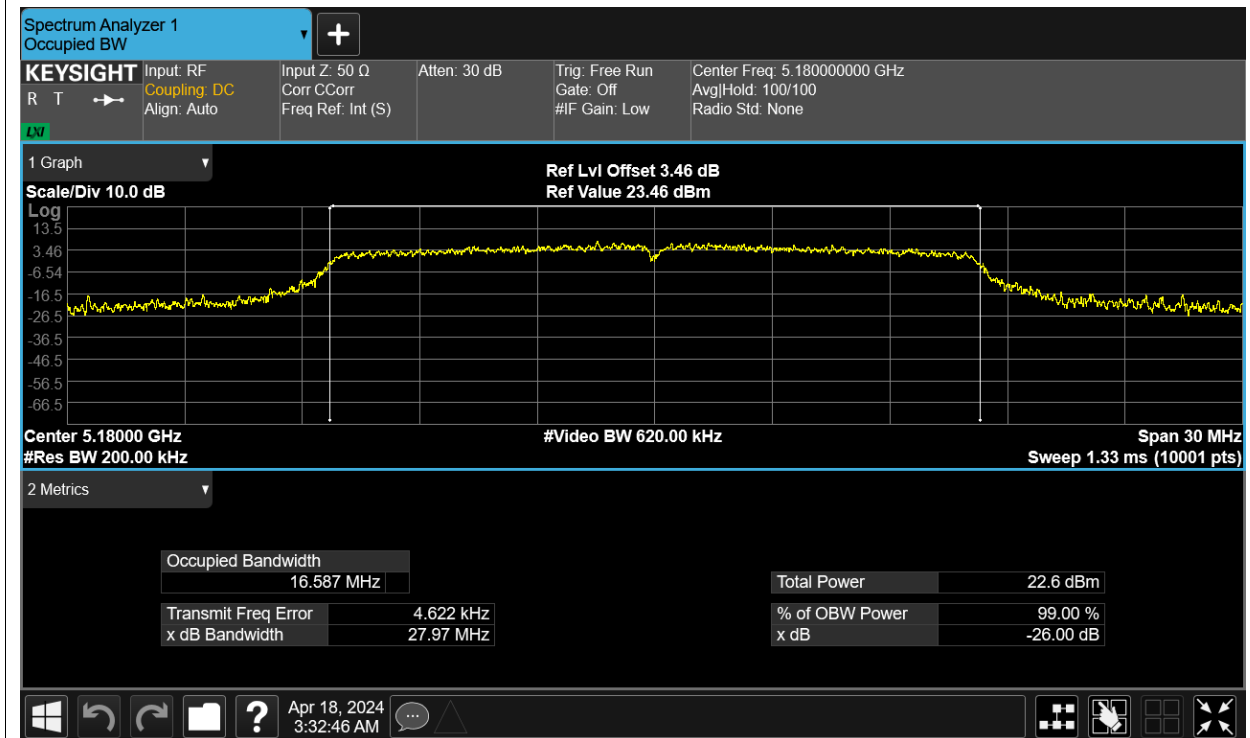


Occupied Channel Bandwidth

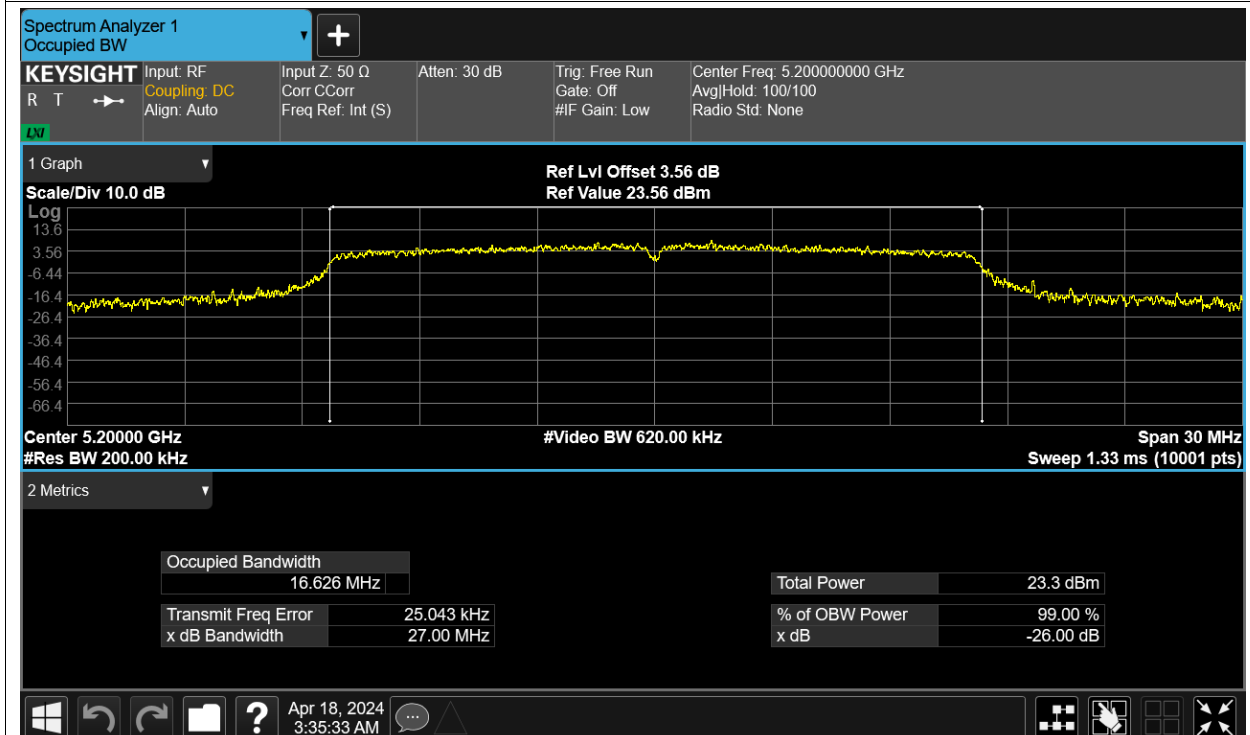
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant6	16.587
NVNT	a	5200	Ant6	16.626
NVNT	a	5240	Ant6	16.522
NVNT	ac20	5180	Ant6	17.574
NVNT	ac20	5200	Ant6	17.586
NVNT	ac20	5240	Ant6	17.584
NVNT	ac40	5190	Ant6	35.998
NVNT	ac40	5230	Ant6	36.031
NVNT	ac80	5210	Ant6	75.302
NVNT	n20	5180	Ant6	17.597
NVNT	n20	5200	Ant6	17.612
NVNT	n20	5240	Ant6	17.588
NVNT	n40	5190	Ant6	36.03
NVNT	n40	5230	Ant6	36.068

Test Graphs

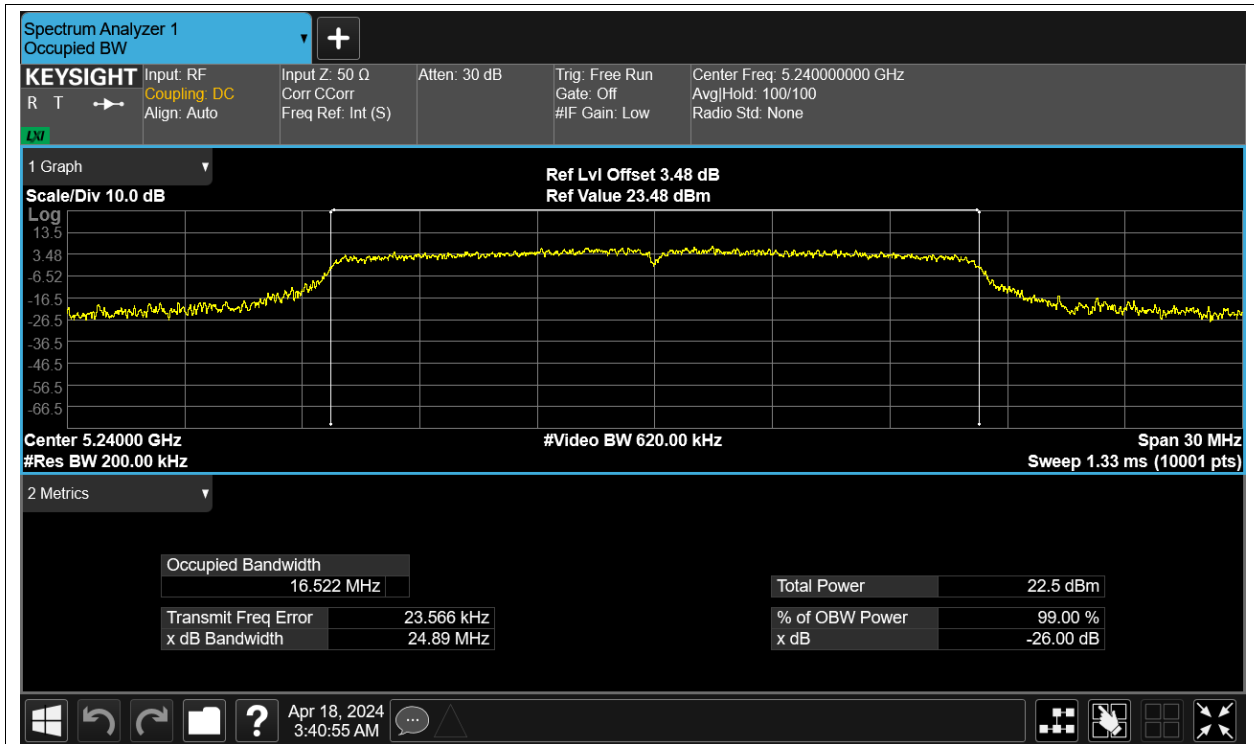
OBW NVNT a 5180MHz Ant6



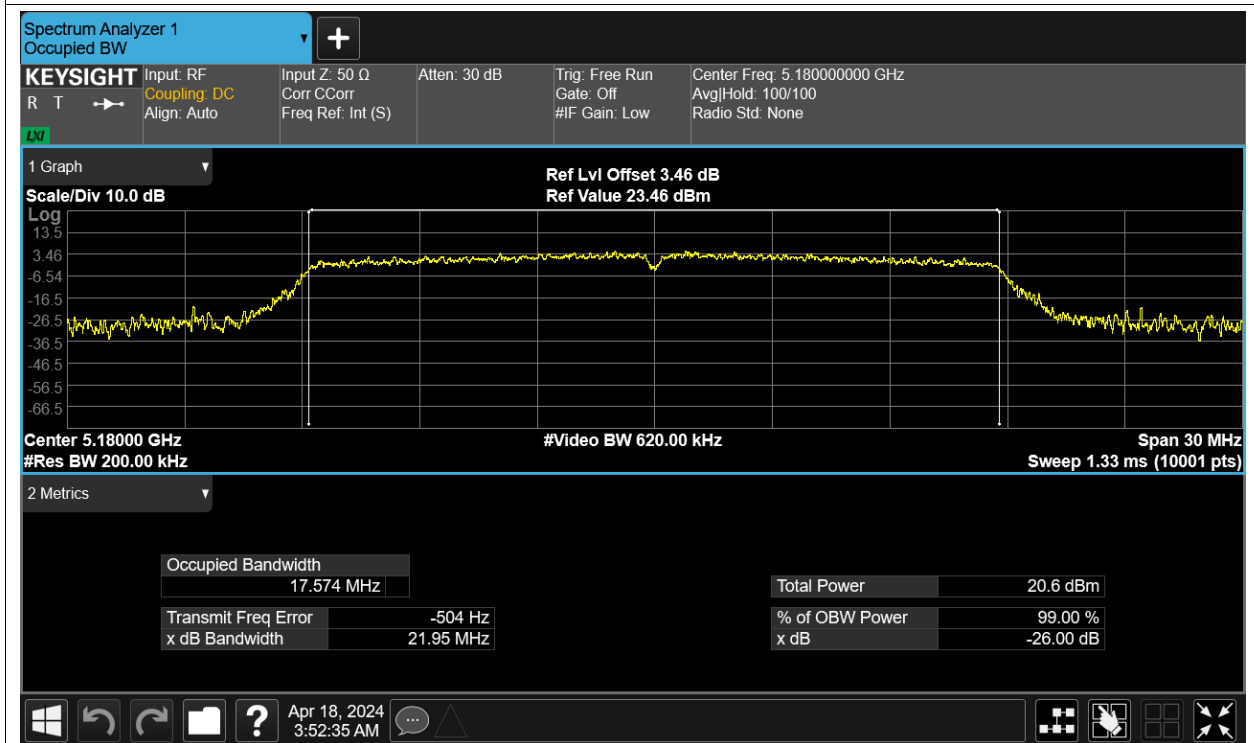
OBW NVNT a 5200MHz Ant6



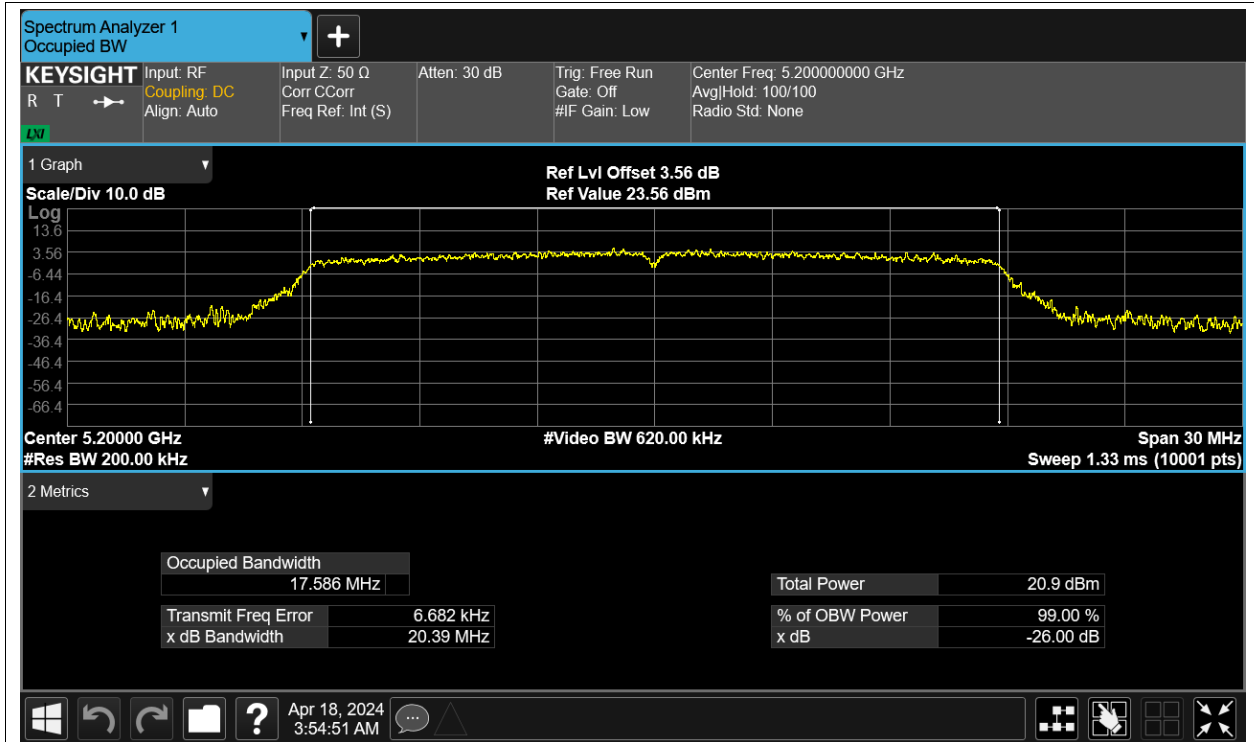
OBW NVNT a 5240MHz Ant6



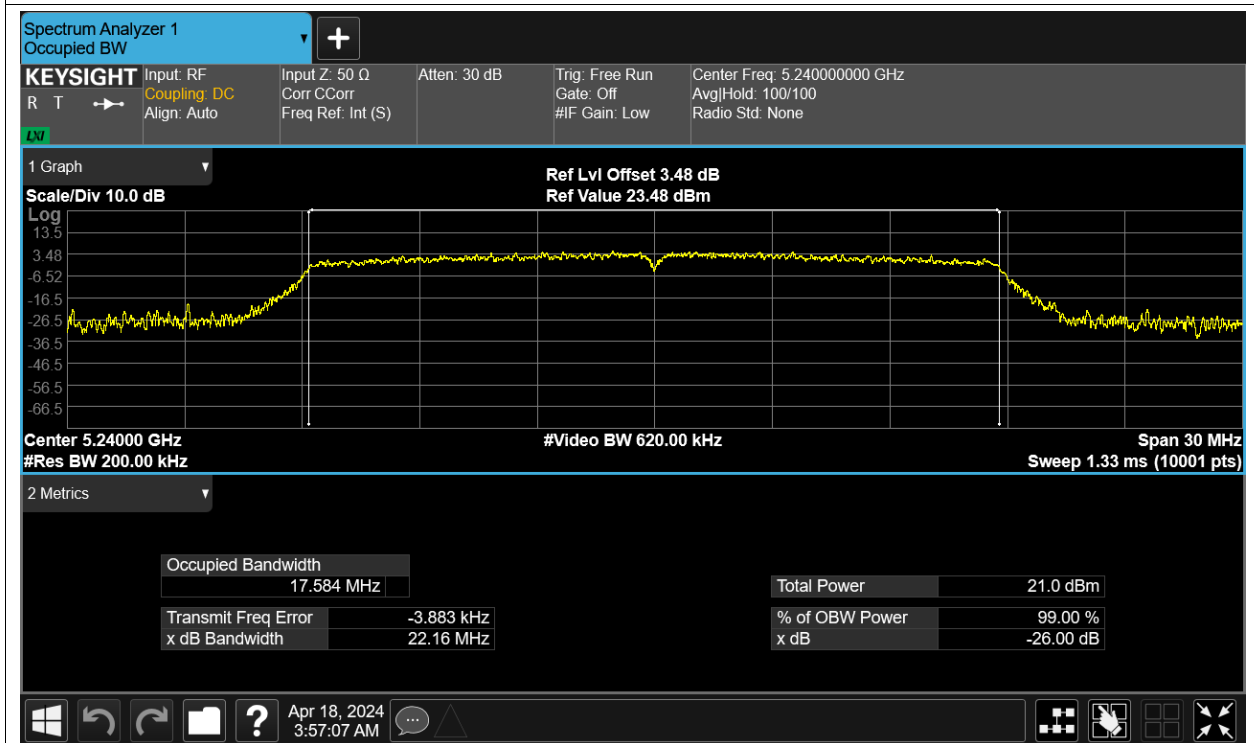
OBW NVNT ac20 5180MHz Ant6



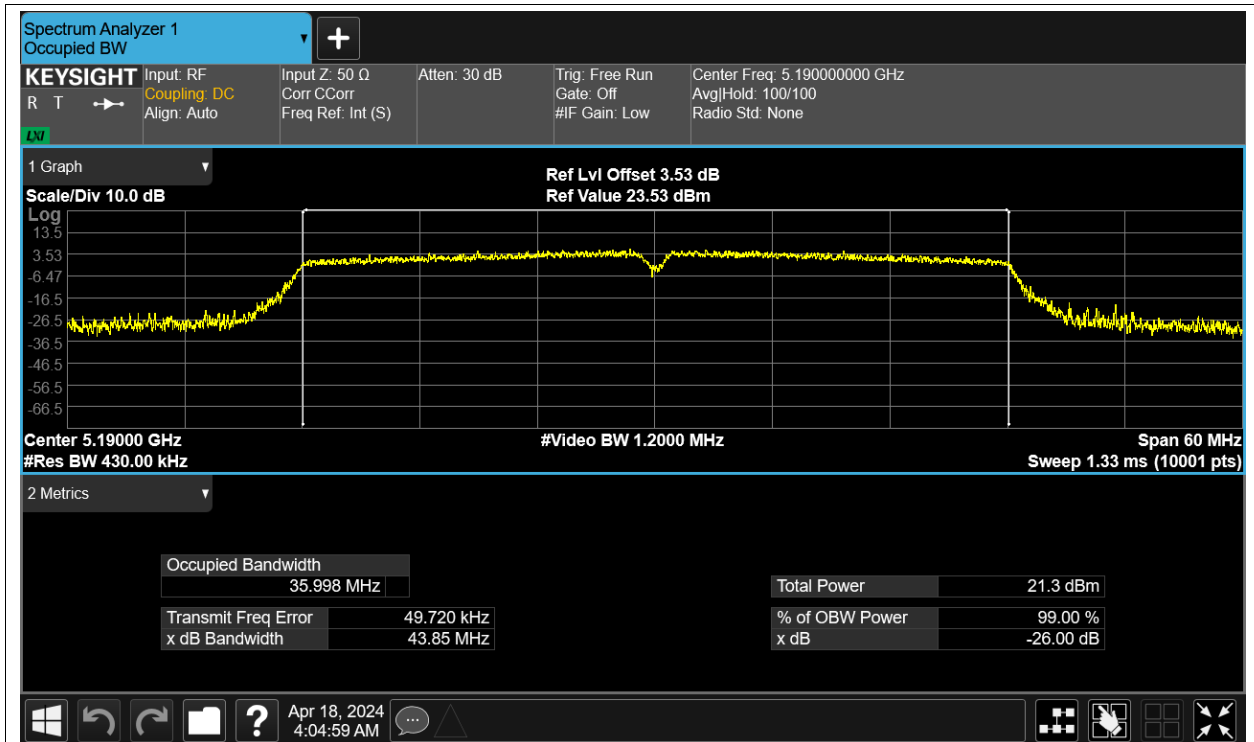
OBW NVNT ac20 5200MHz Ant6



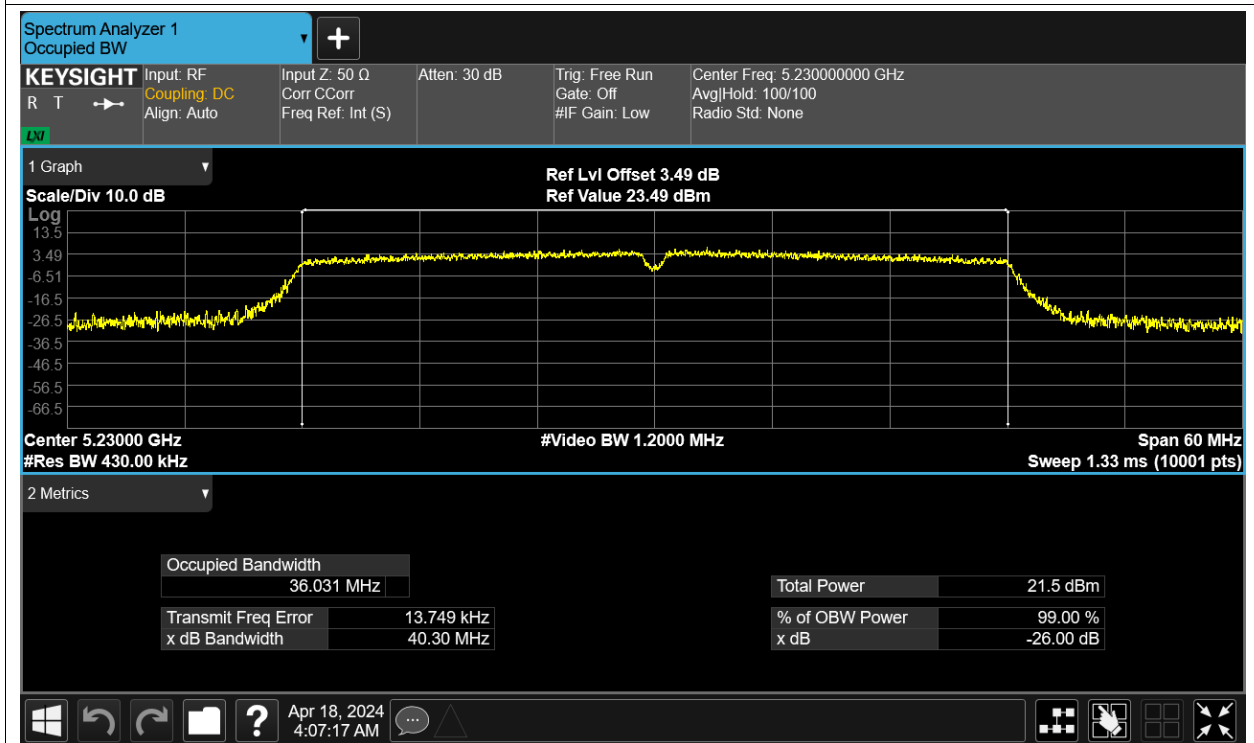
OBW NVNT ac20 5240MHz Ant6



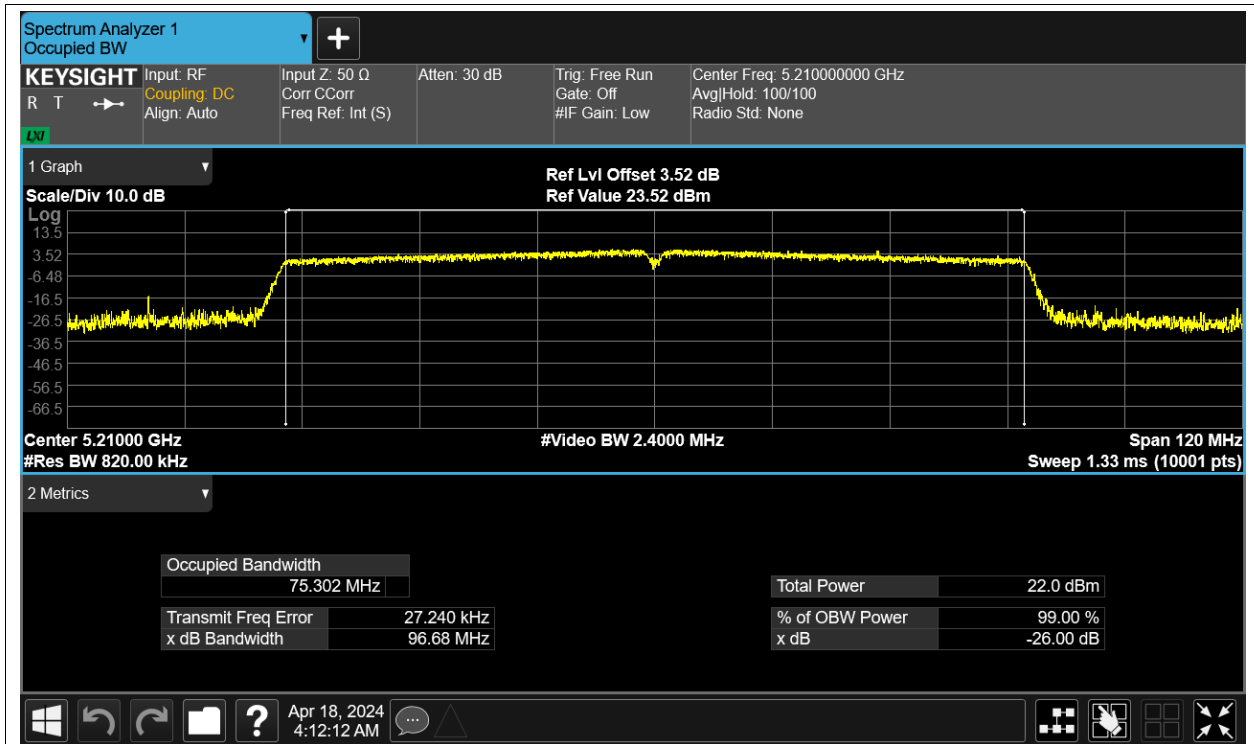
OBW NVNT ac40 5190MHz Ant6



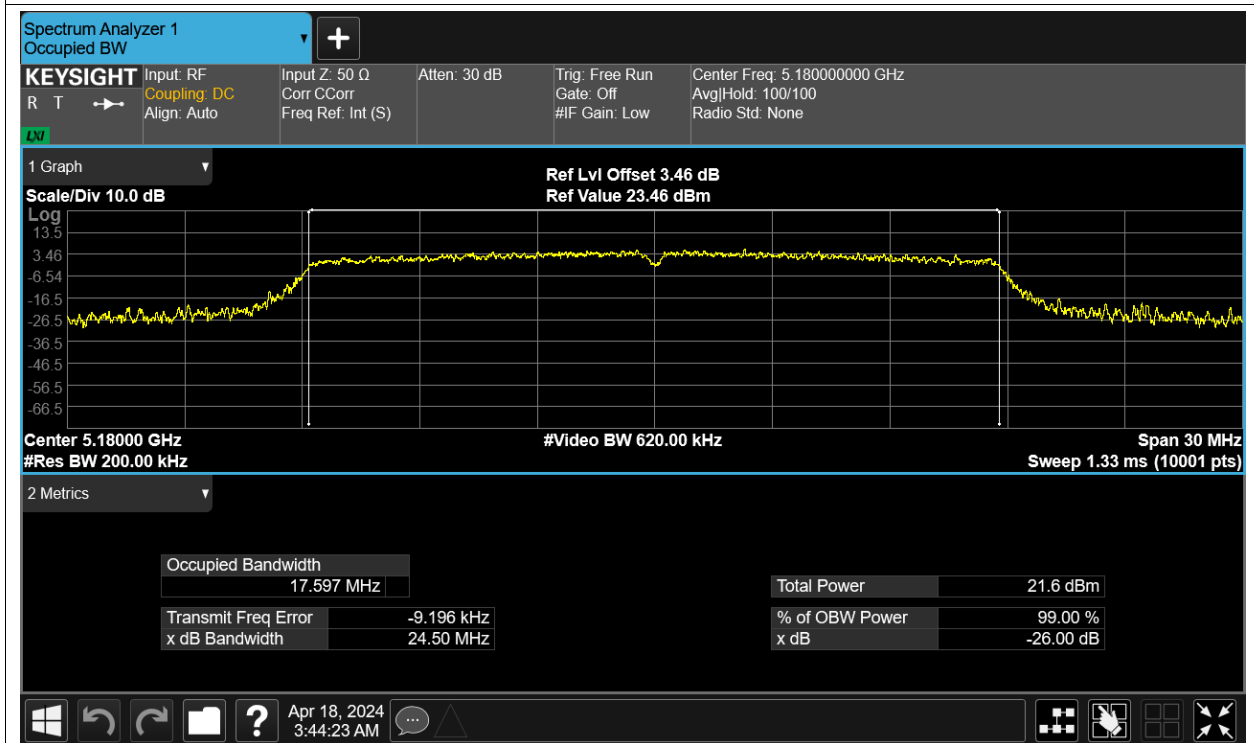
OBW NVNT ac40 5230MHz Ant6



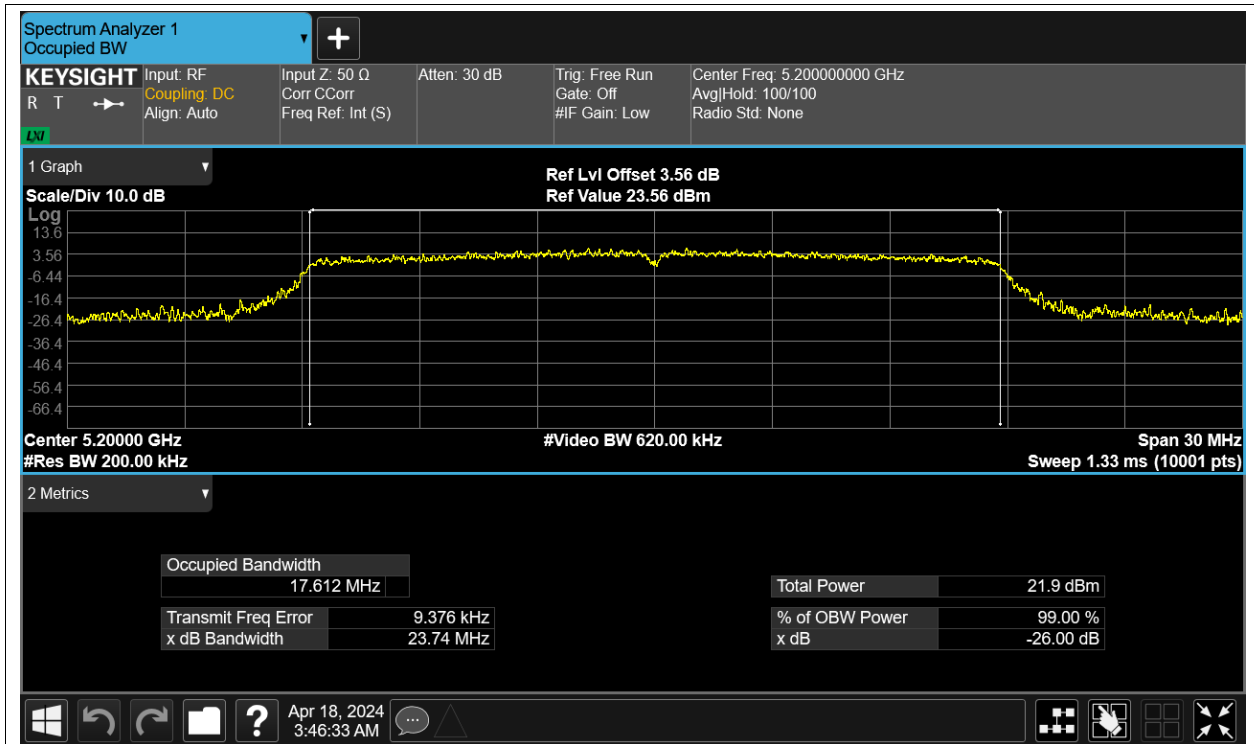
OBW NVNT ac80 5210MHz Ant6



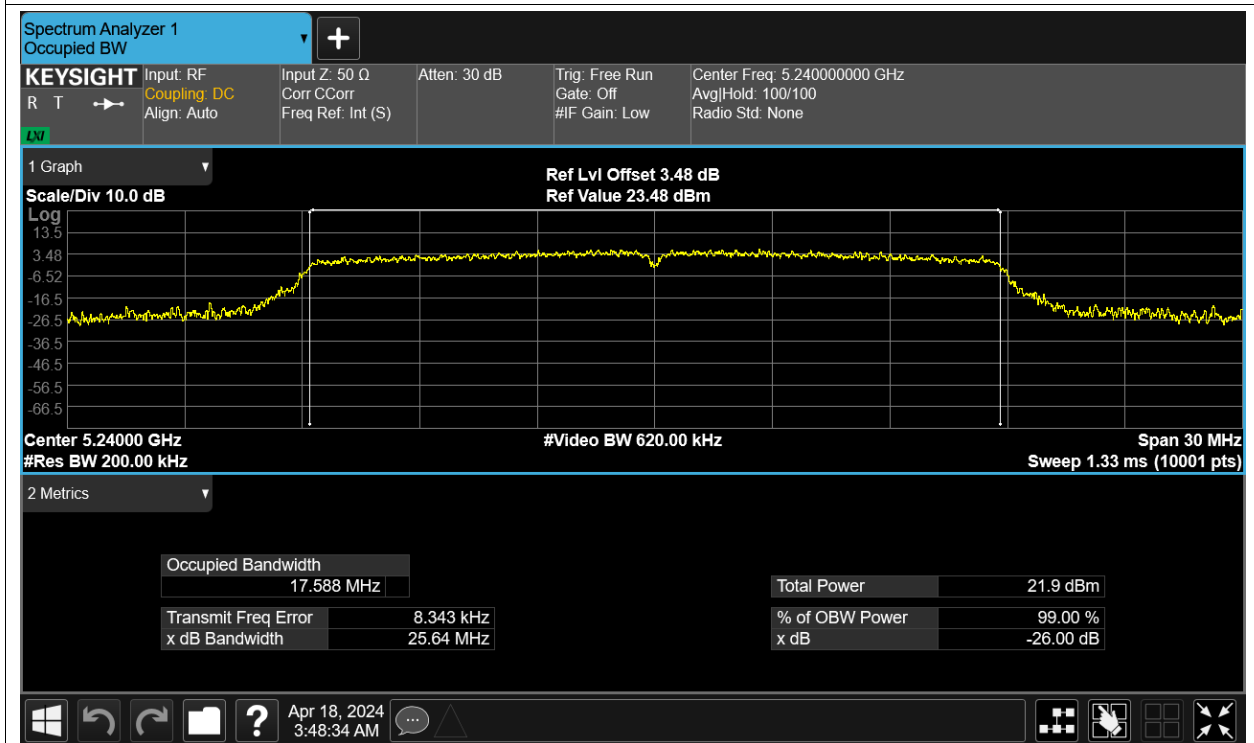
OBW NVNT n20 5180MHz Ant6



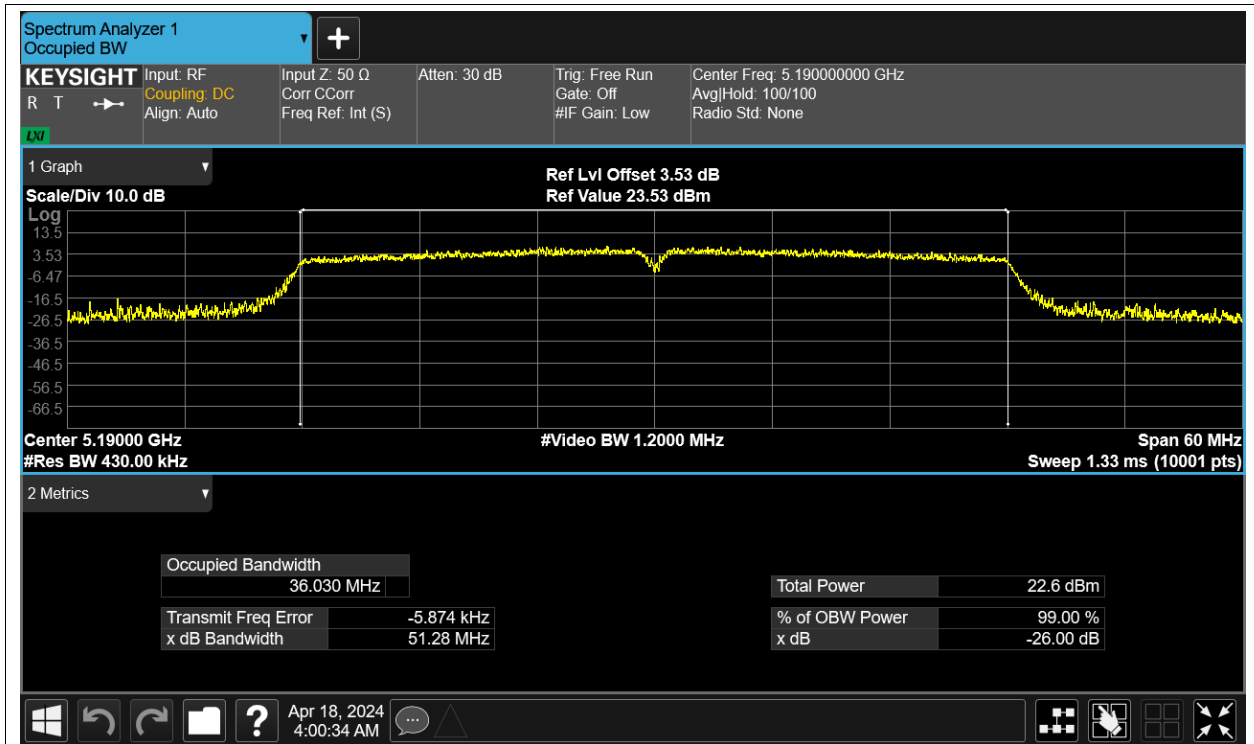
OBW NVNT n20 5200MHz Ant6



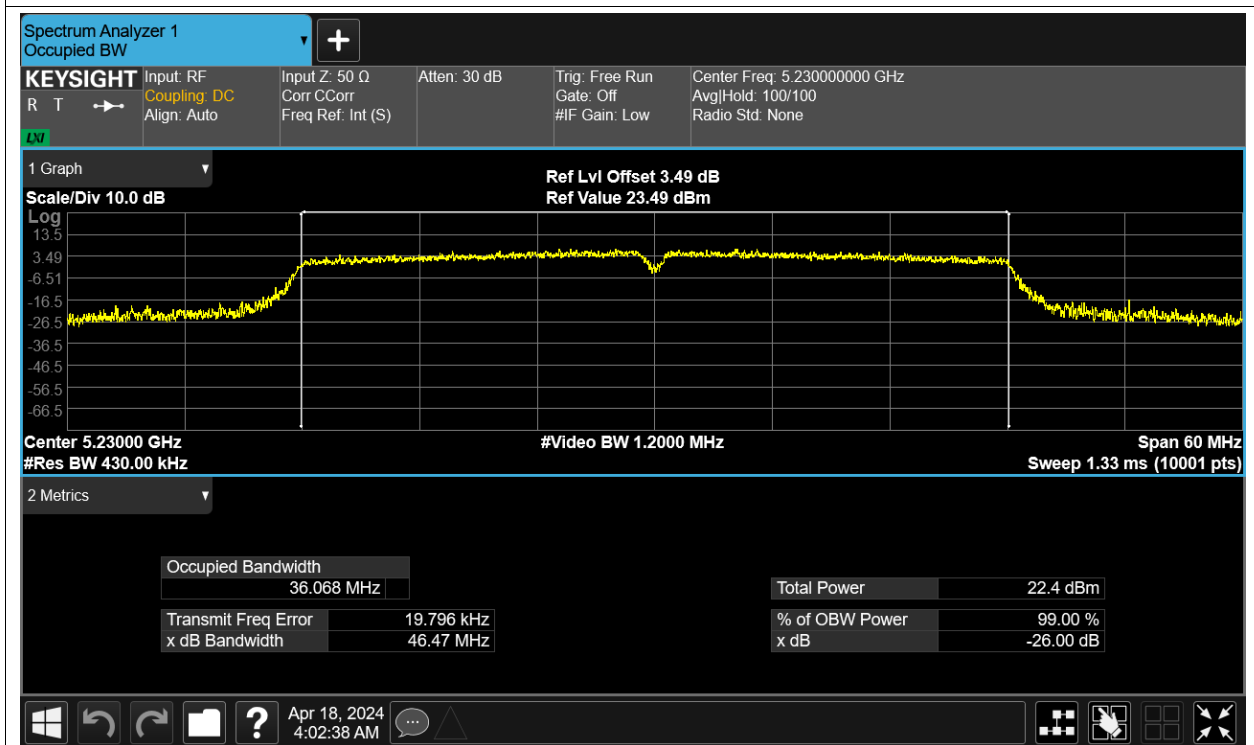
OBW NVNT n20 5240MHz Ant6



OBW NVNT n40 5190MHz Ant6

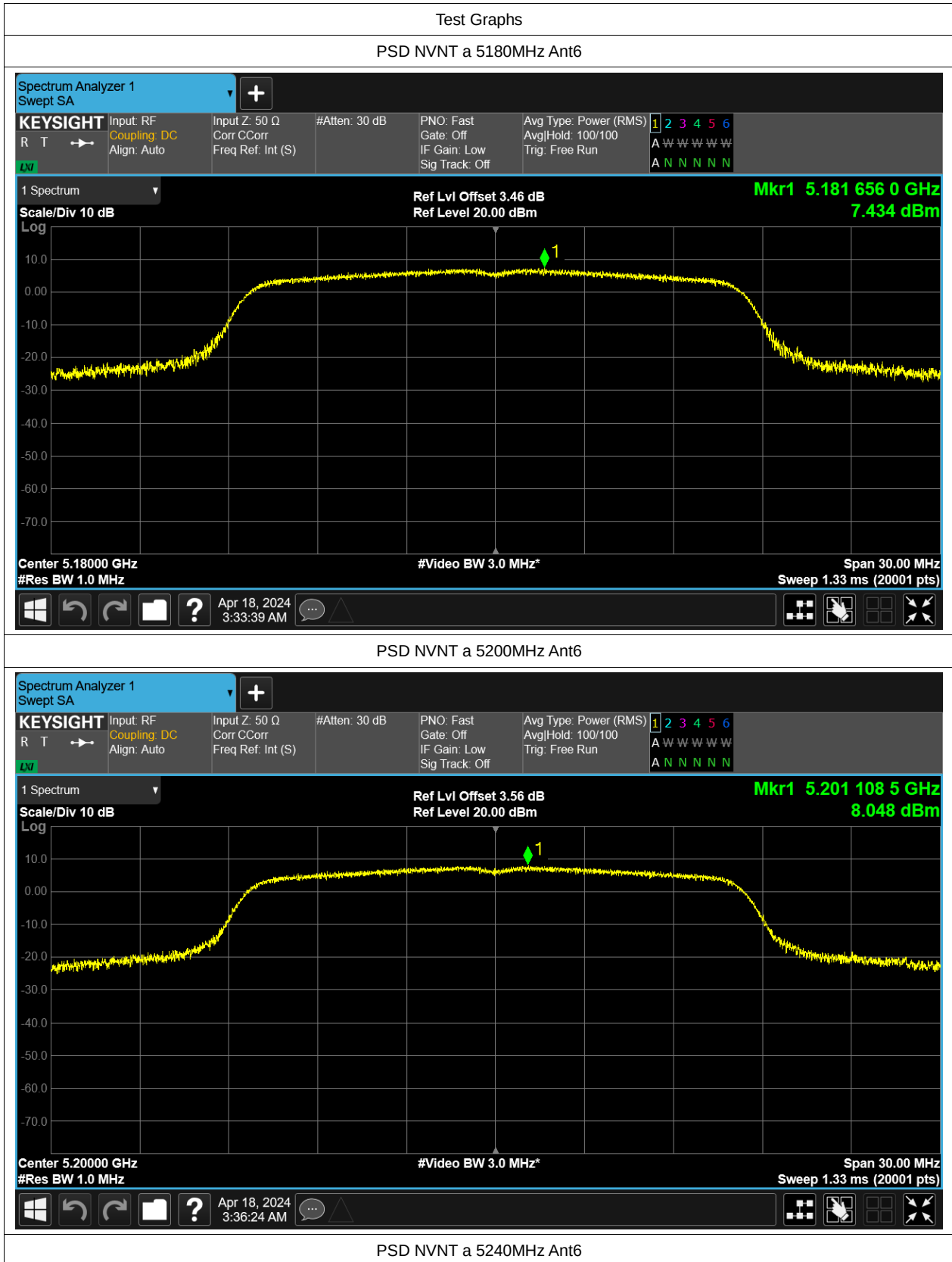


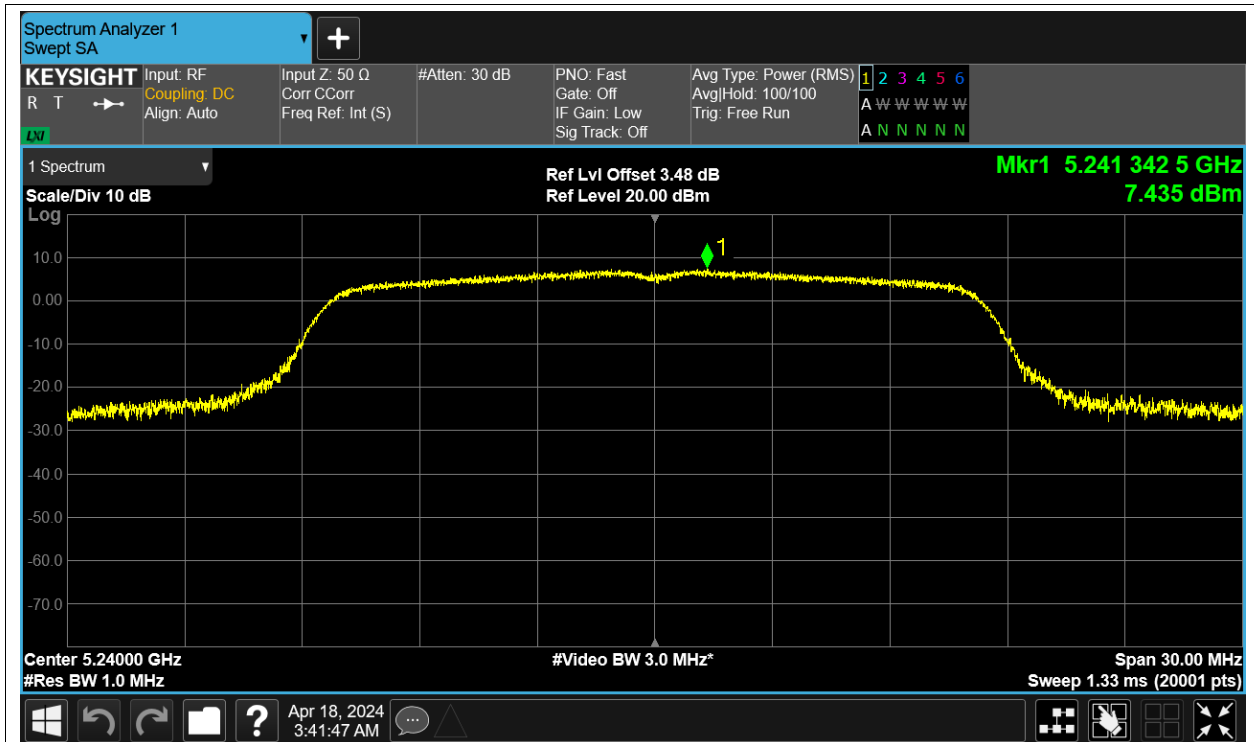
OBW NVNT n40 5230MHz Ant6



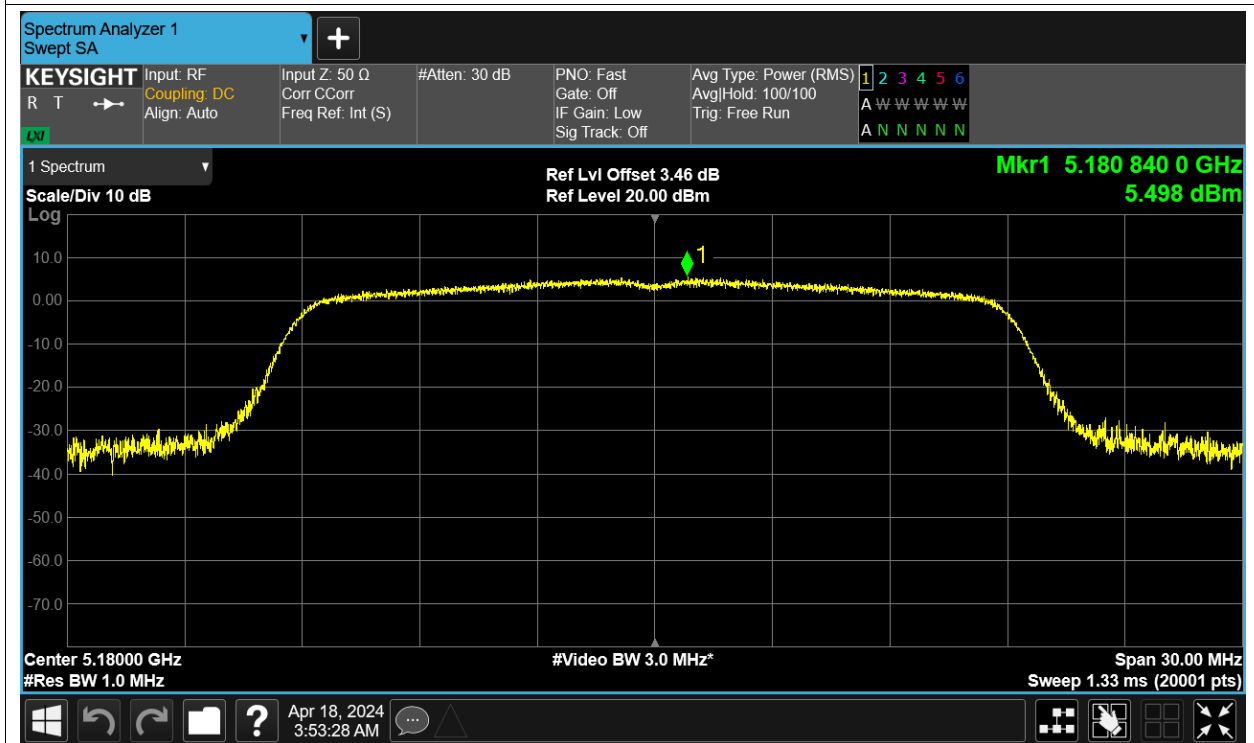
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant6	7.434	11	Pass
NVNT	a	5200	Ant6	8.048	11	Pass
NVNT	a	5240	Ant6	7.435	11	Pass
NVNT	ac20	5180	Ant6	5.498	11	Pass
NVNT	ac20	5200	Ant6	5.664	11	Pass
NVNT	ac20	5240	Ant6	5.733	11	Pass
NVNT	ac40	5190	Ant6	3.145	11	Pass
NVNT	ac40	5230	Ant6	3.062	11	Pass
NVNT	ac80	5210	Ant6	0.088	11	Pass
NVNT	n20	5180	Ant6	6.231	11	Pass
NVNT	n20	5200	Ant6	6.742	11	Pass
NVNT	n20	5240	Ant6	6.579	11	Pass
NVNT	n40	5190	Ant6	4.24	11	Pass
NVNT	n40	5230	Ant6	3.881	11	Pass

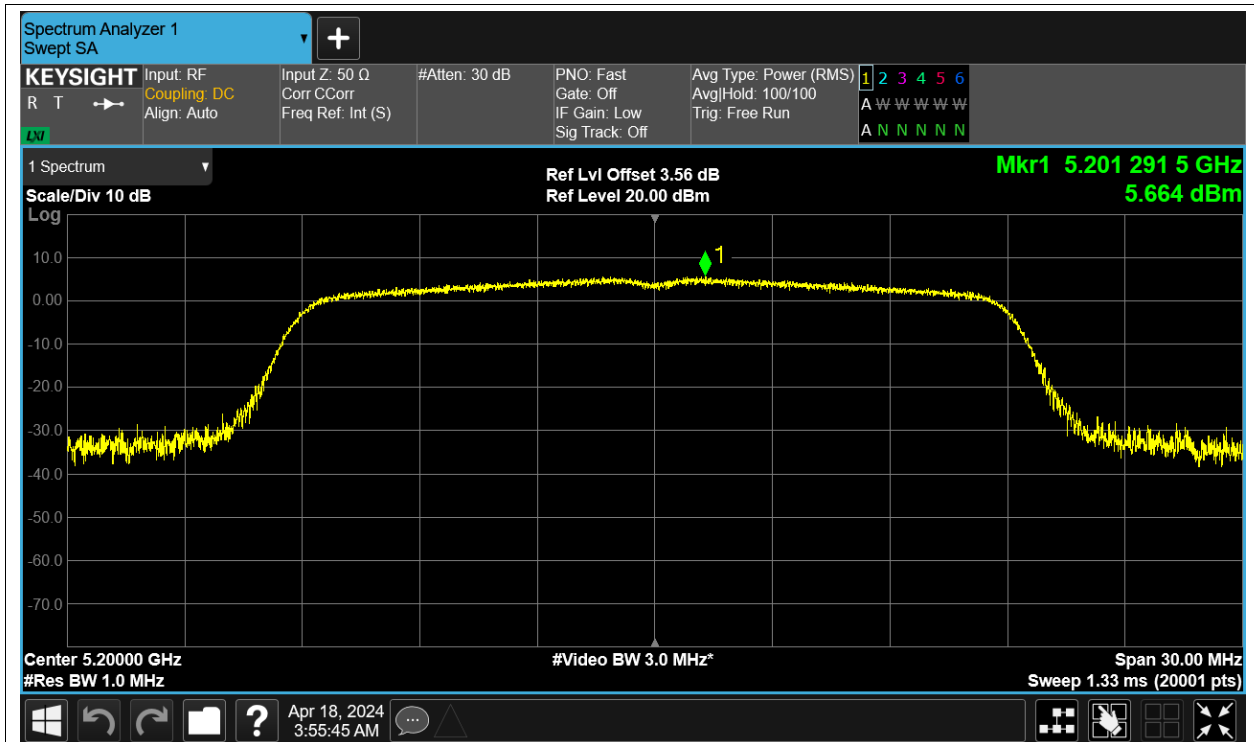




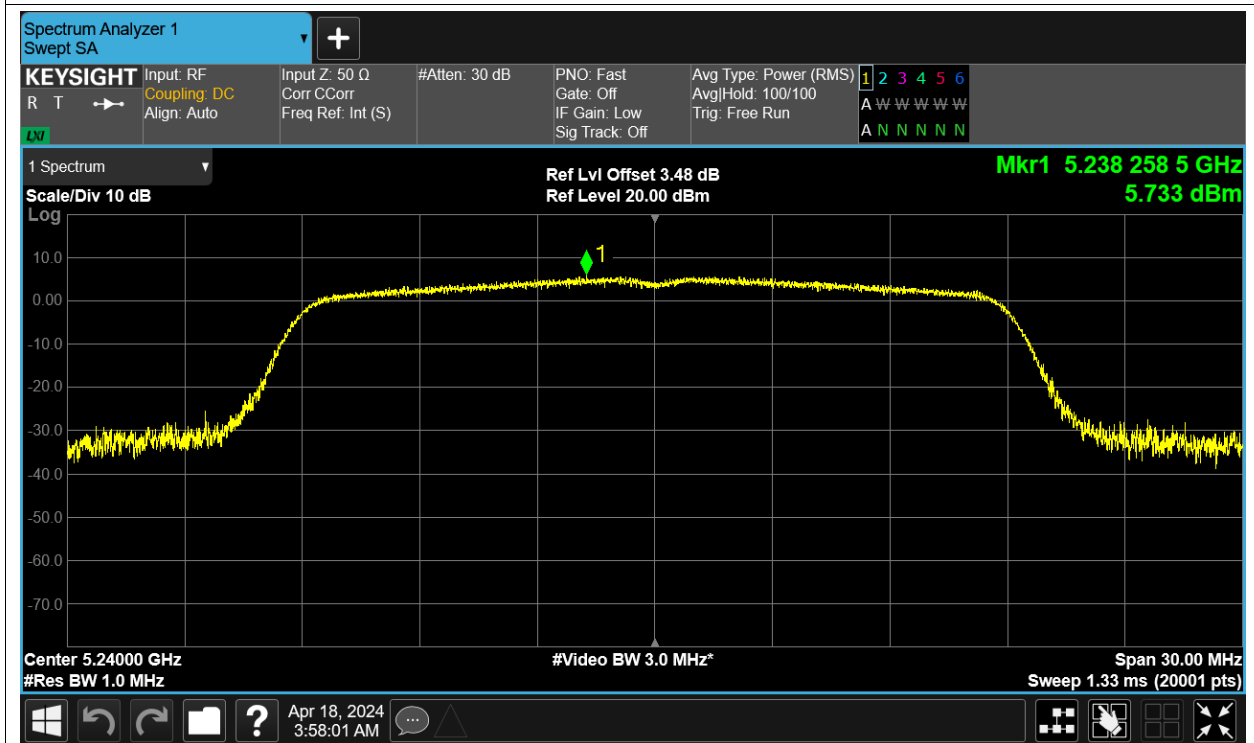
PSD NVNT ac20 5180MHz Ant6



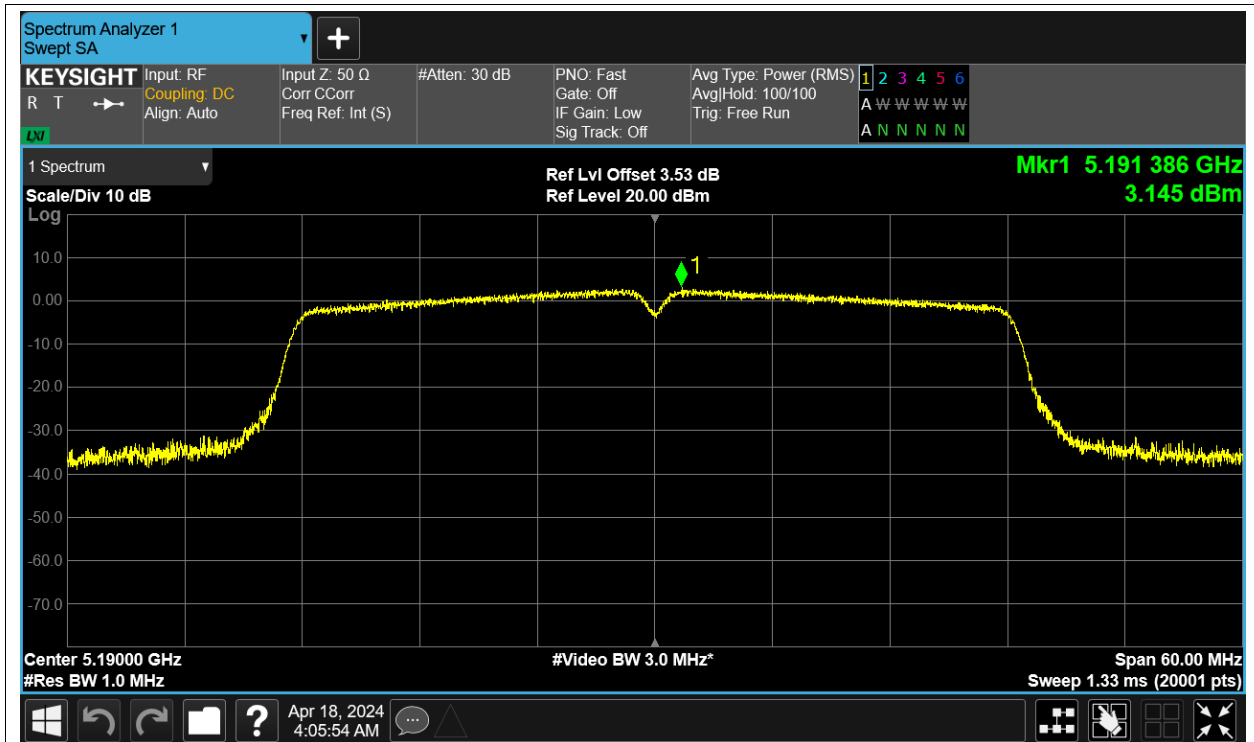
PSD NVNT ac20 5200MHz Ant6



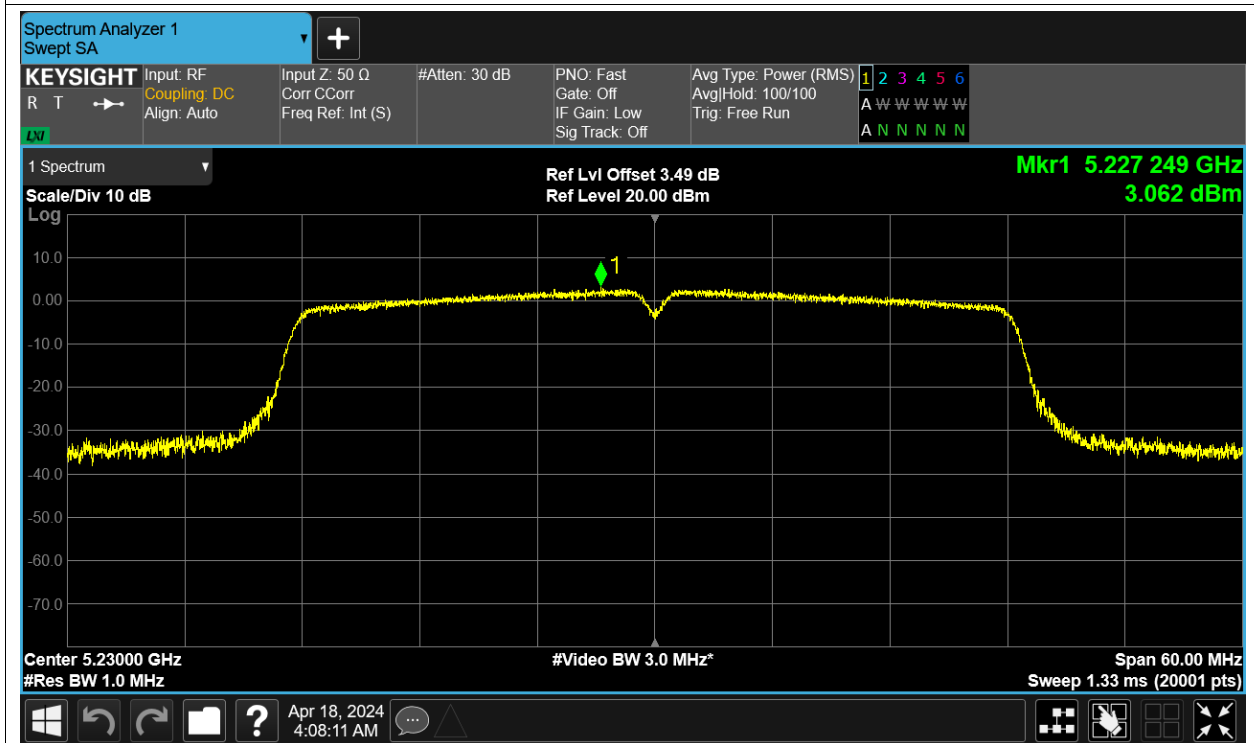
PSD NVNT ac20 5240MHz Ant6



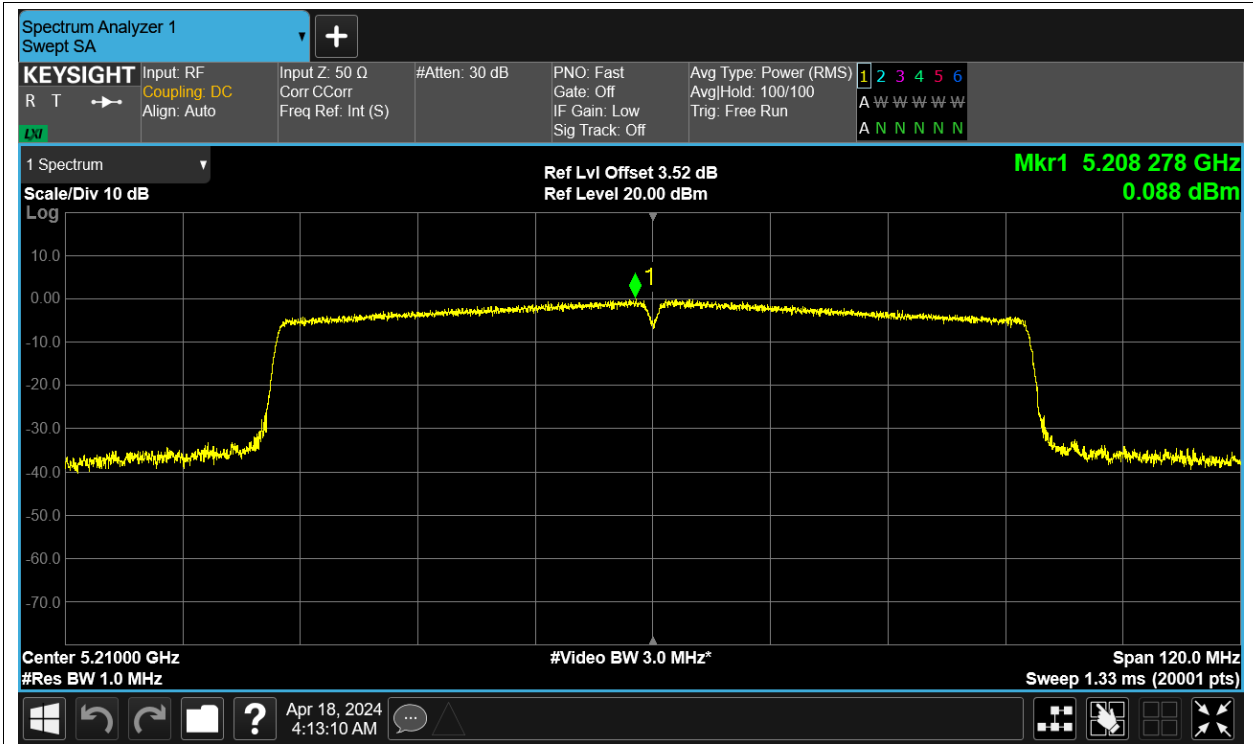
PSD NVNT ac40 5190MHz Ant6



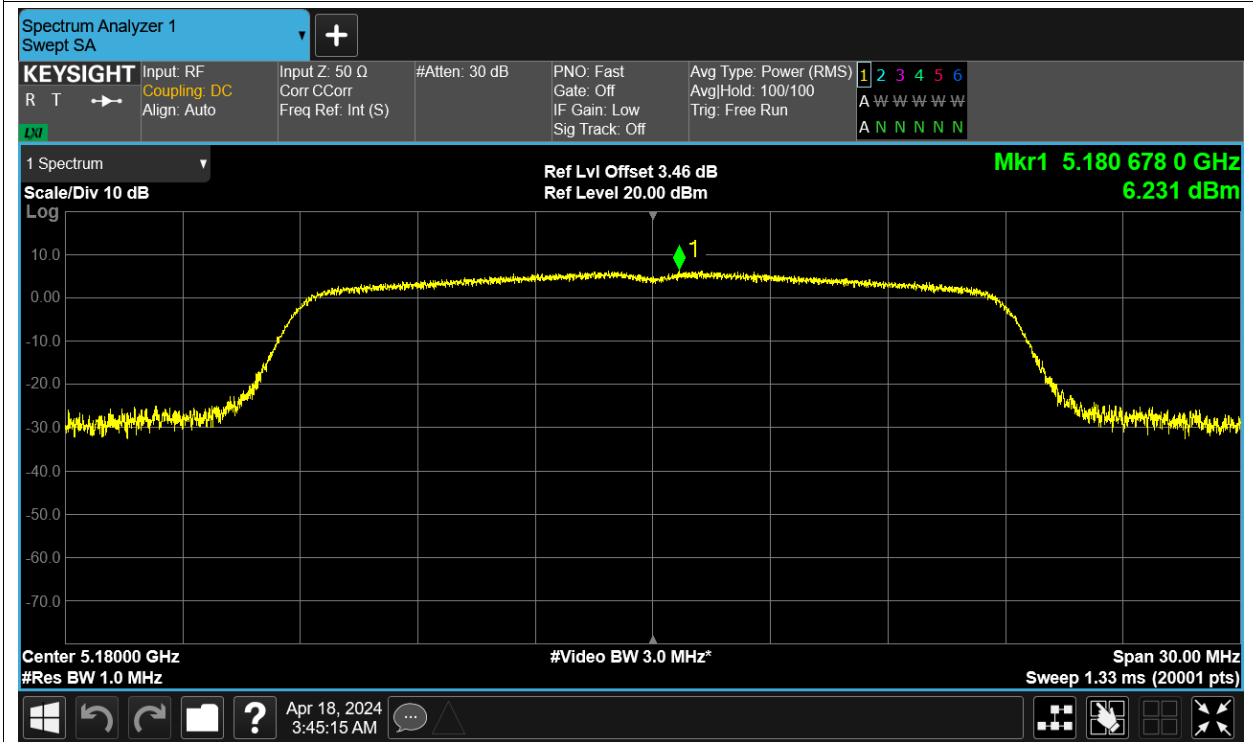
PSD NVNT ac40 5230MHz Ant6



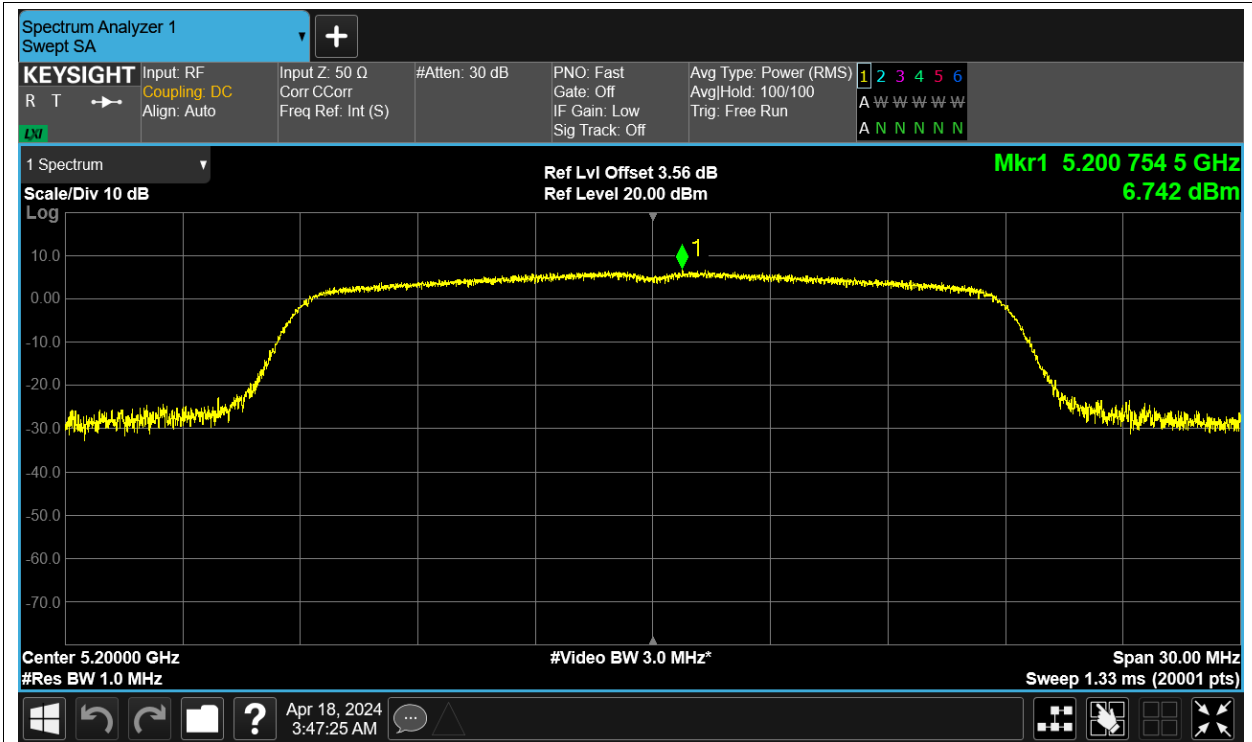
PSD NVNT ac80 5210MHz Ant6



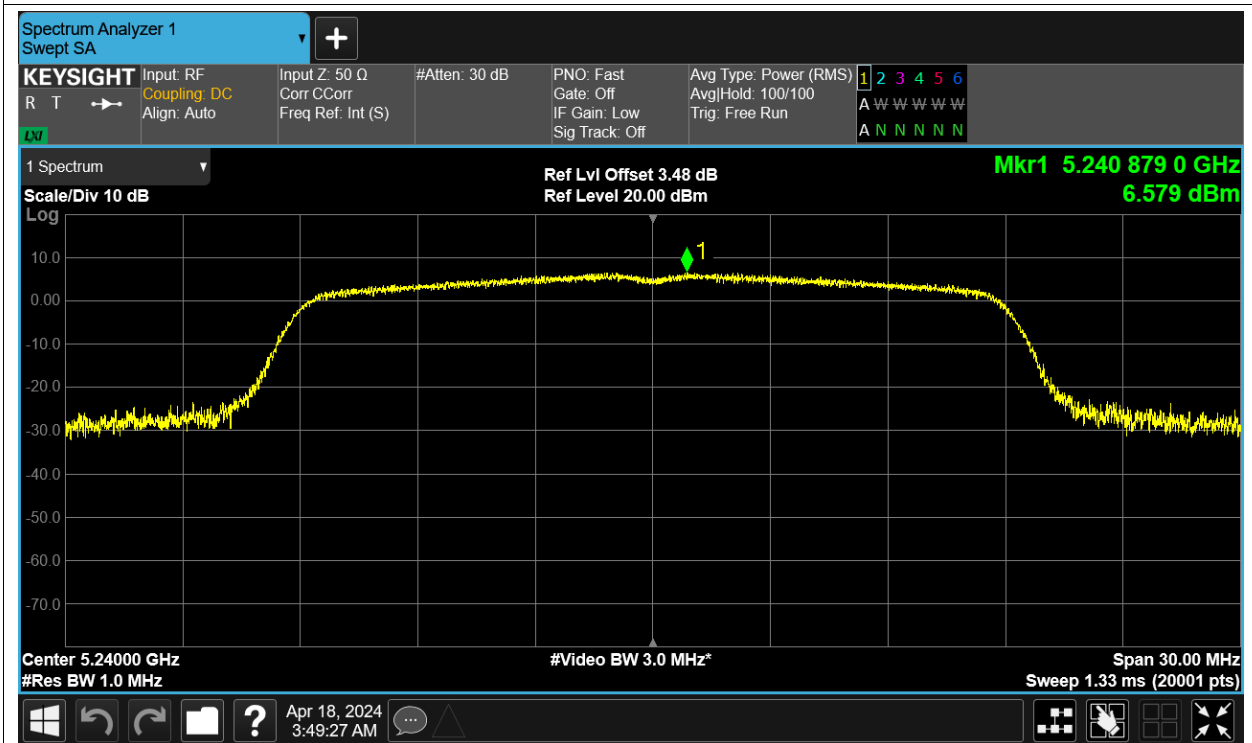
PSD NVNT n20 5180MHz Ant6



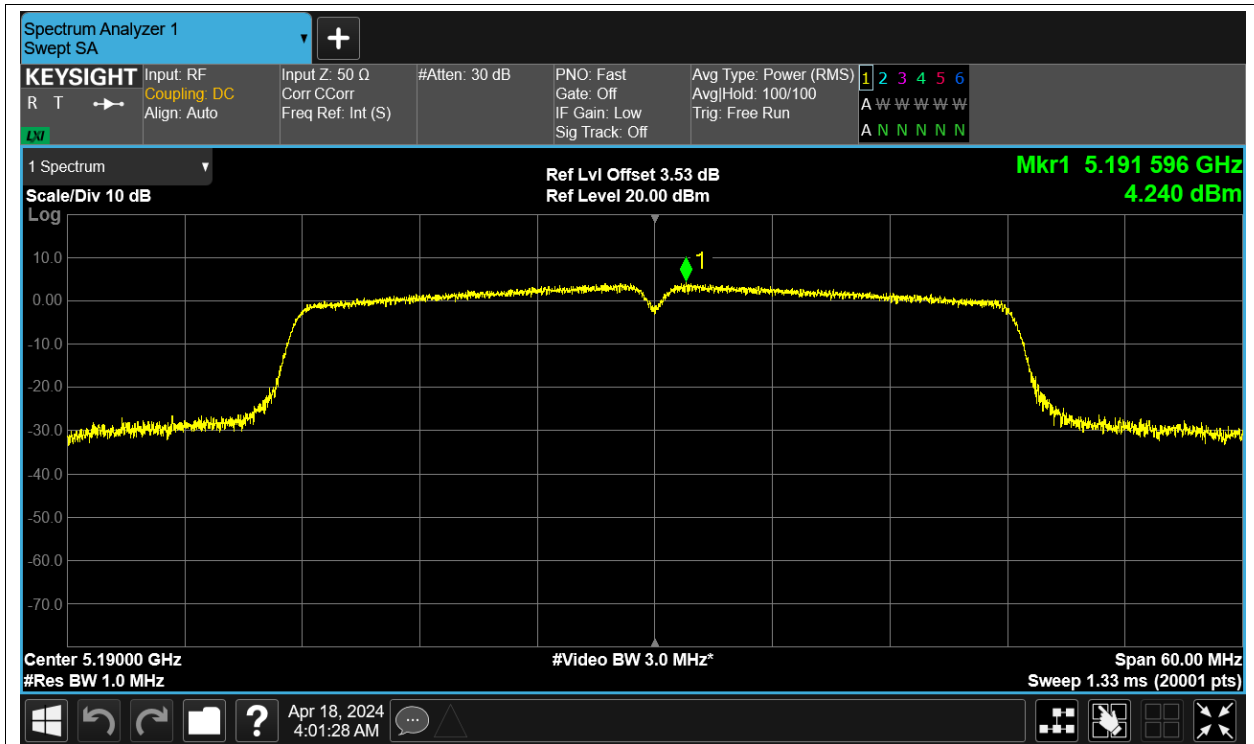
PSD NVNT n20 5200MHz Ant6



PSD NVNT n20 5240MHz Ant6



PSD NVNT n40 5190MHz Ant6



PSD NVNT n40 5230MHz Ant6

