

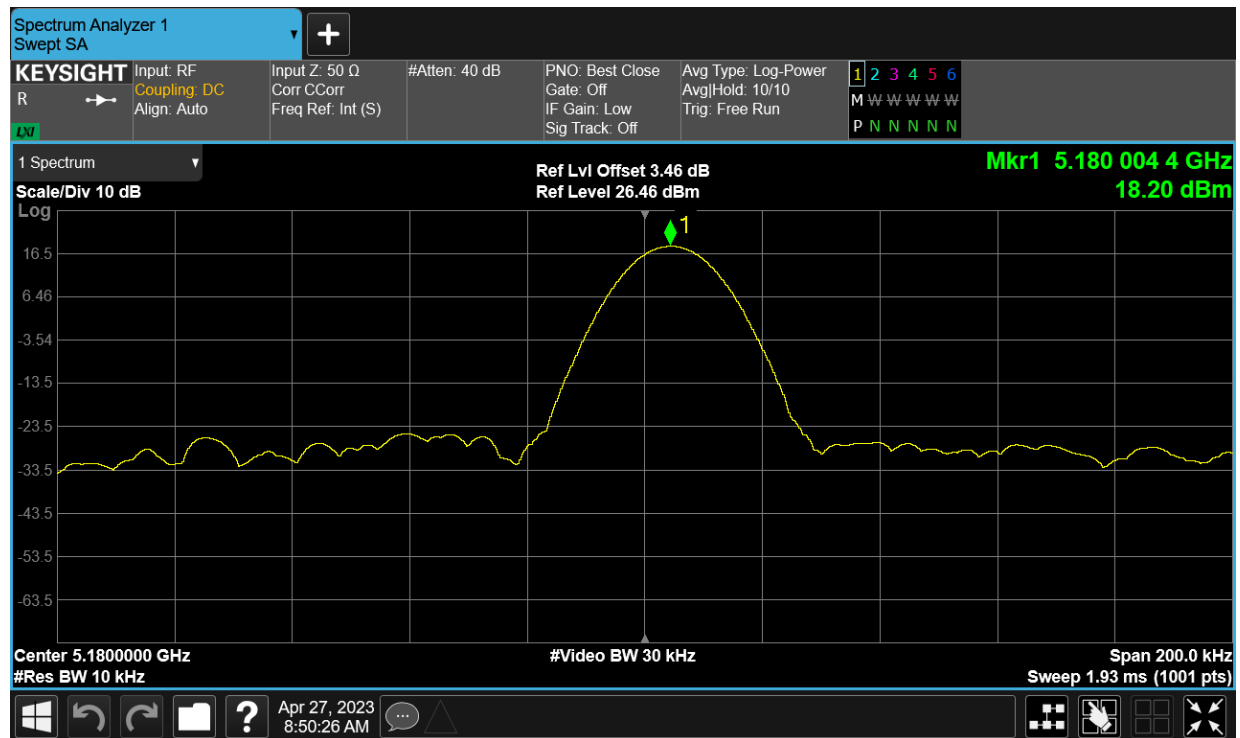
Test Data

Frequency Stability

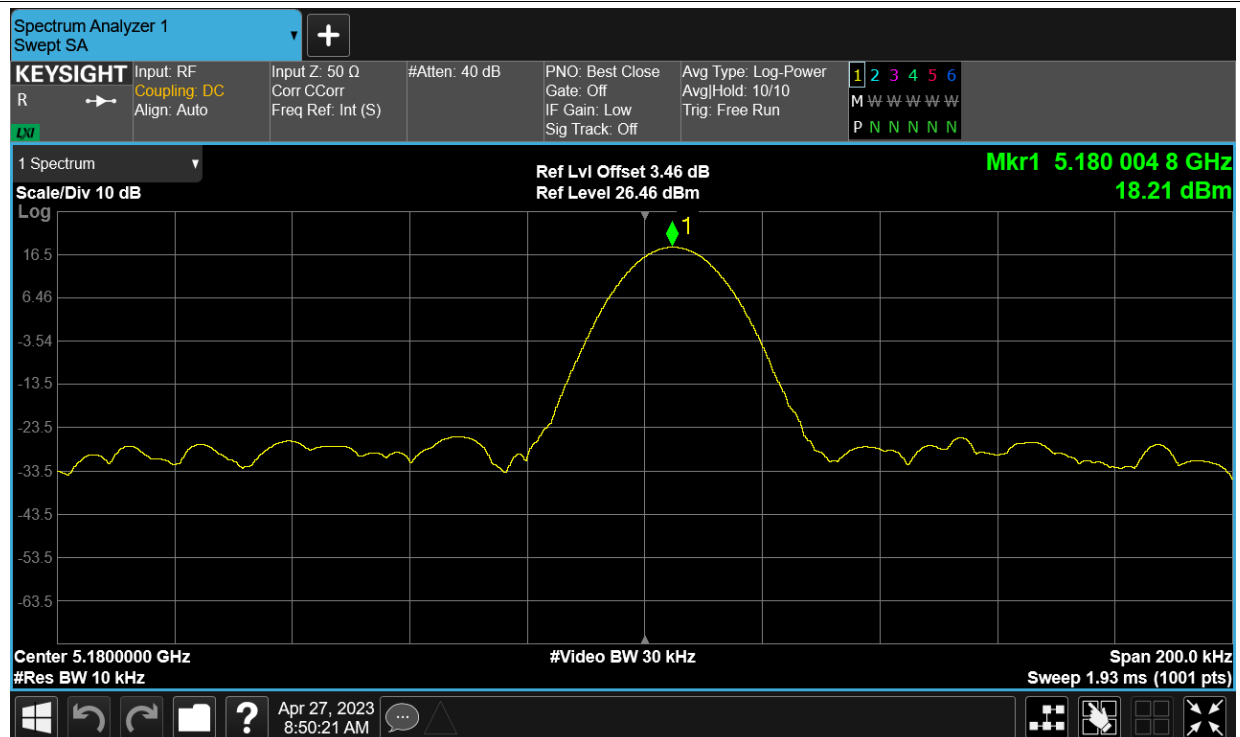
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant6	5180.0044	0.85	Within authorized band	Pass
LVNT	a	5180	Ant6	5180.0048	0.93		Pass
NVHT	a	5180	Ant6	5180.0054	1.04		Pass
NVLT	a	5180	Ant6	5180.006	1.16		Pass
NVNT	a	5180	Ant6	5179.9944	-1.08		Pass
HVNT	ac80	5210	Ant6	5210.0014	0.27		Pass
LVNT	ac80	5210	Ant6	5210.0016	0.31		Pass
NVHT	ac80	5210	Ant6	5210.0018	0.35		Pass
NVLT	ac80	5210	Ant6	5210.0022	0.42		Pass
NVNT	ac80	5210	Ant6	5209.993	-1.34		Pass
HVNT	n40	5190	Ant6	5190.0014	0.27		Pass
LVNT	n40	5190	Ant6	5190.001	0.19		Pass
NVHT	n40	5190	Ant6	5190.001	0.19		Pass
NVLT	n40	5190	Ant6	5190.0022	0.42		Pass
NVNT	n40	5190	Ant6	5189.9916	-1.62		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

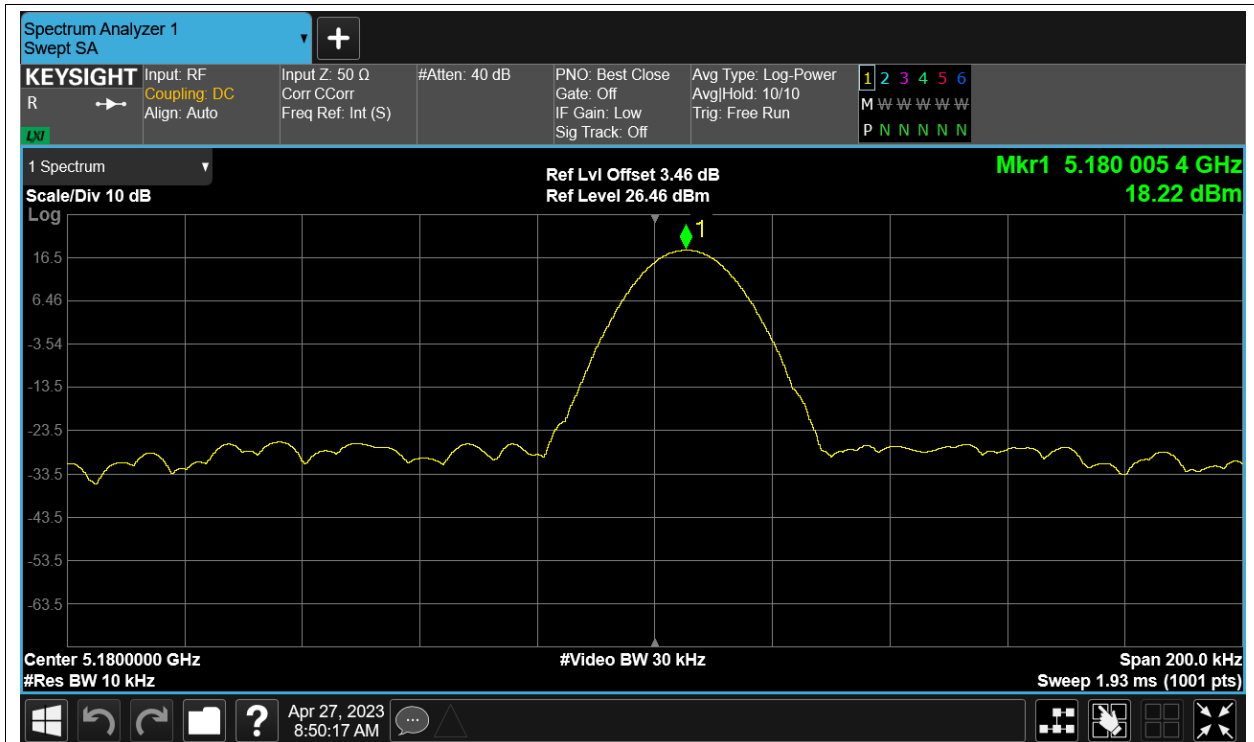
Freq. Stability HVNT a 5180MHz Ant6



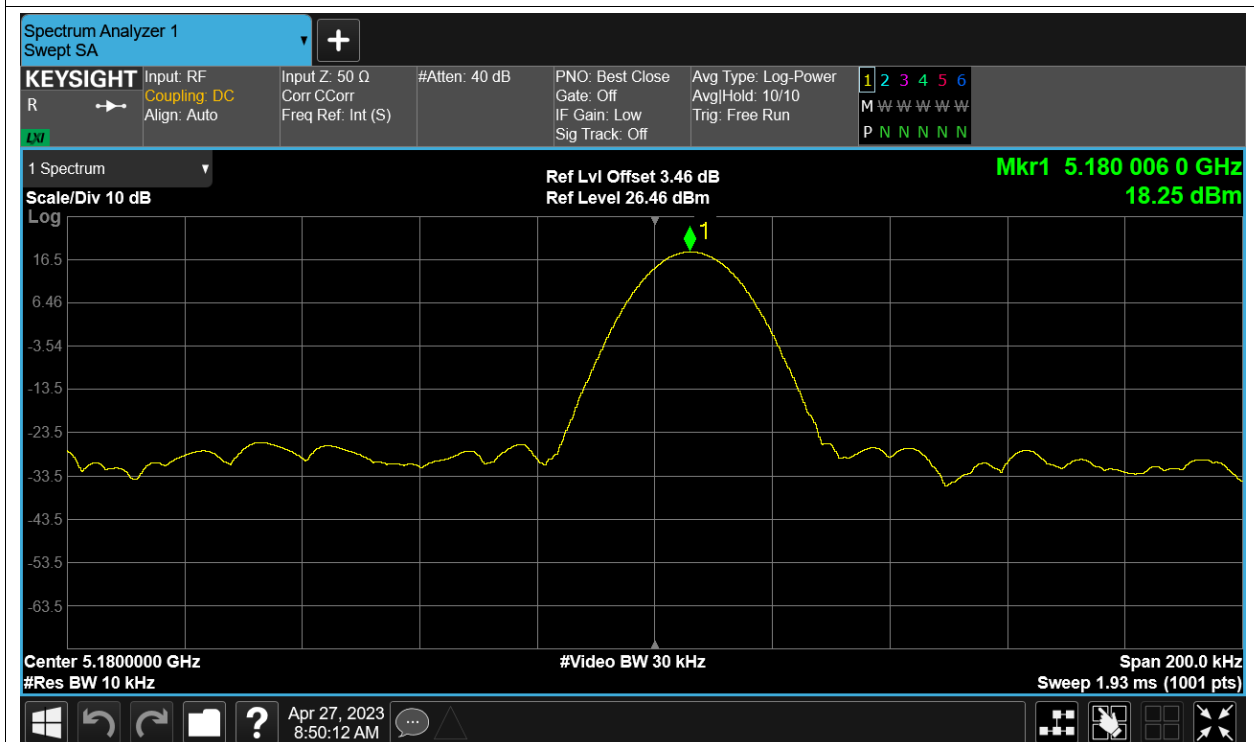
Freq. Stability LVNT a 5180MHz Ant6



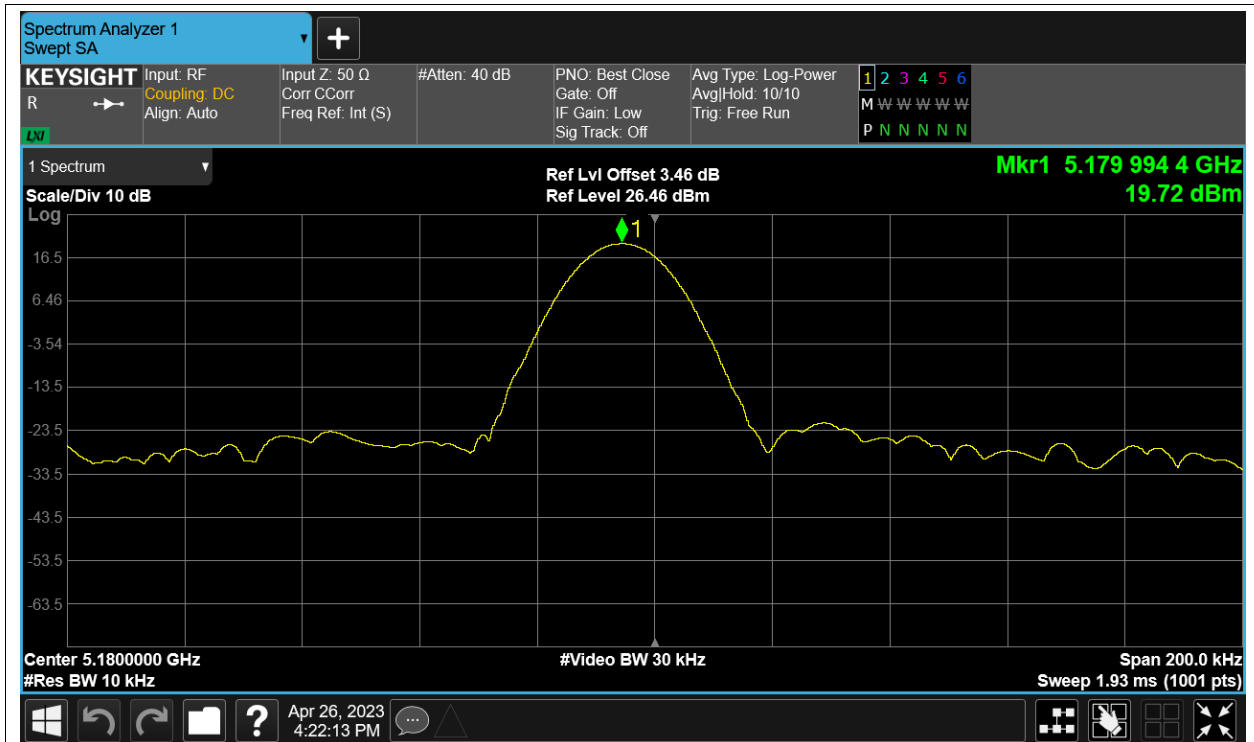
Freq. Stability NVHT a 5180MHz Ant6



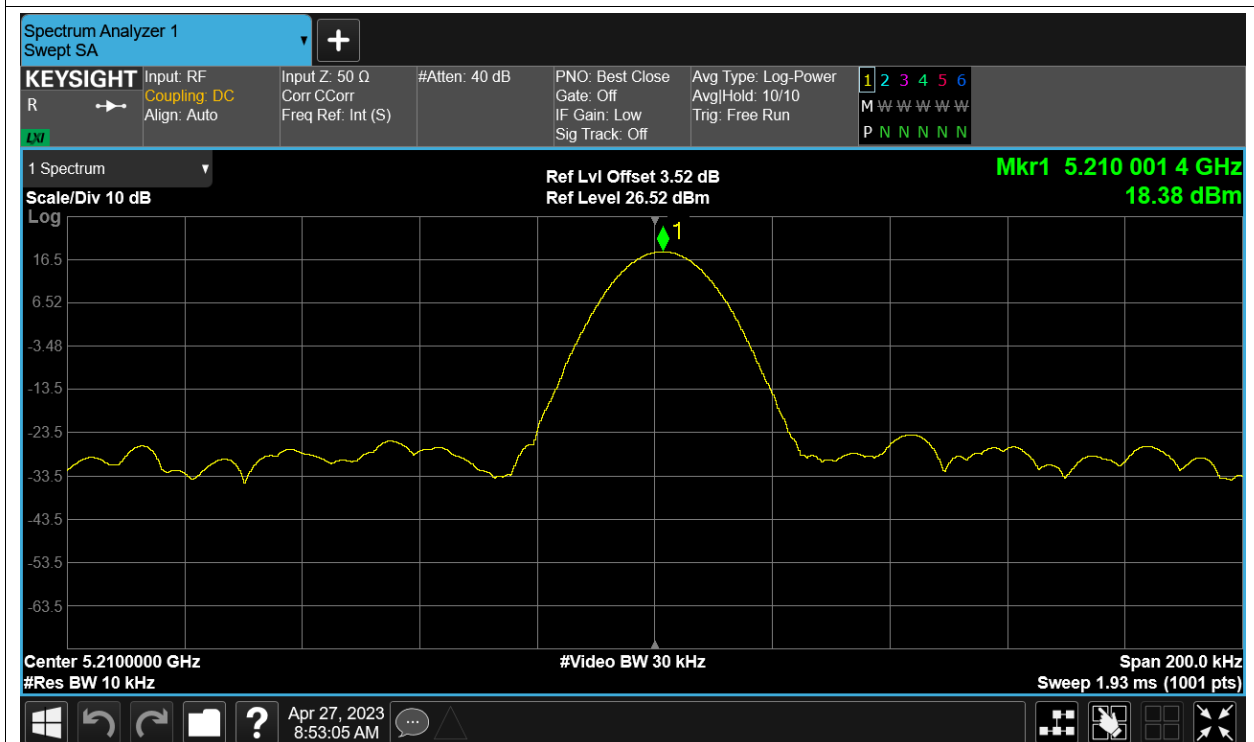
Freq. Stability NVLT a 5180MHz Ant6



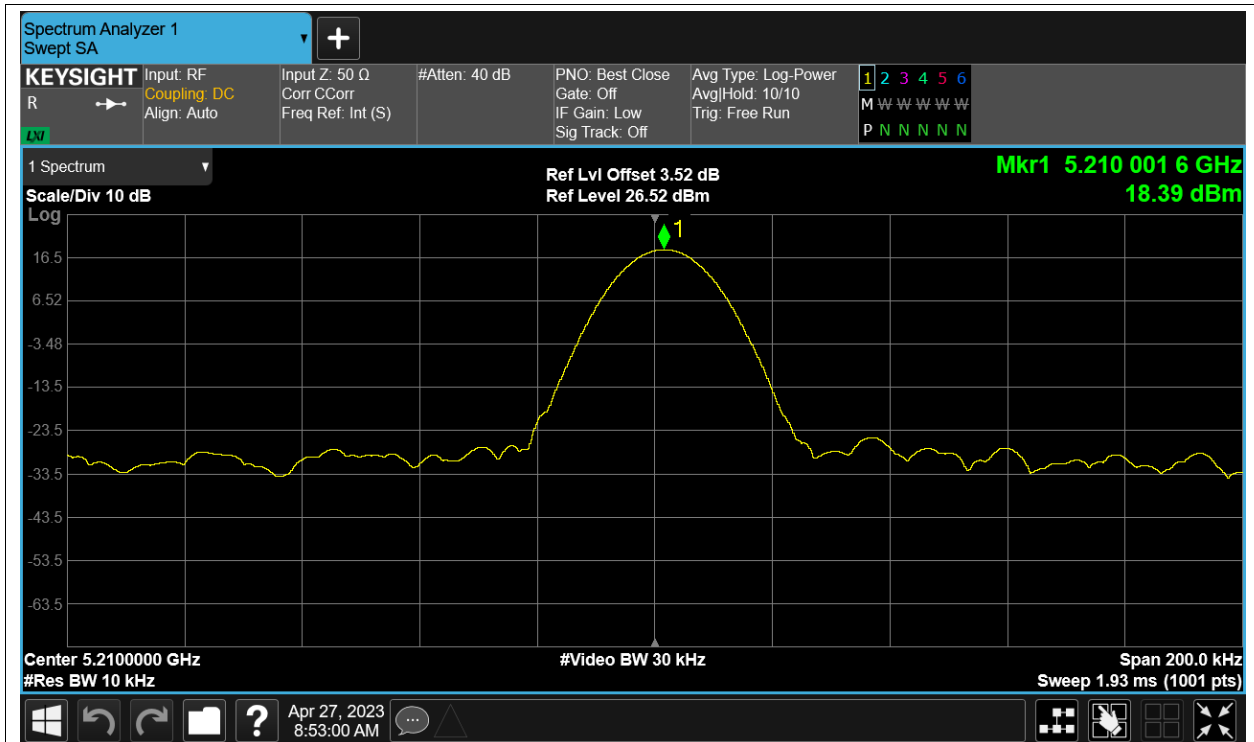
Freq. Stability NVNT a 5180MHz Ant6



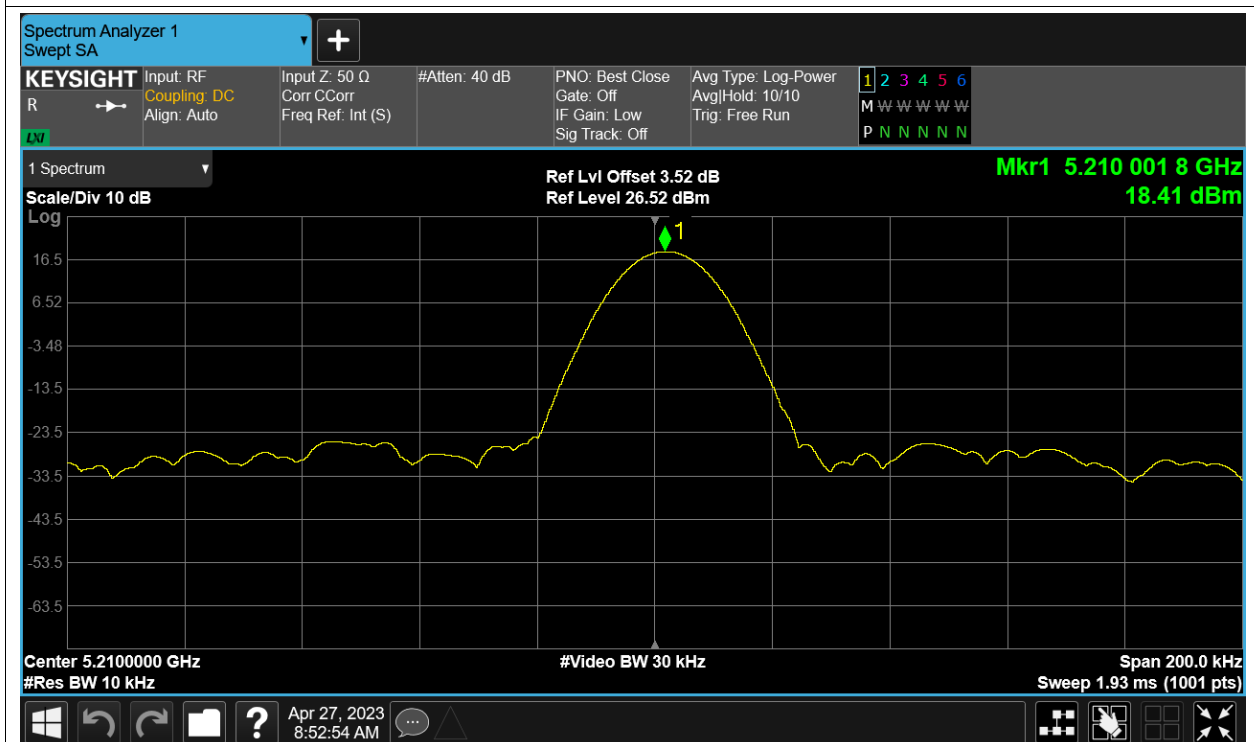
Freq. Stability HVNT ac80 5210MHz Ant6



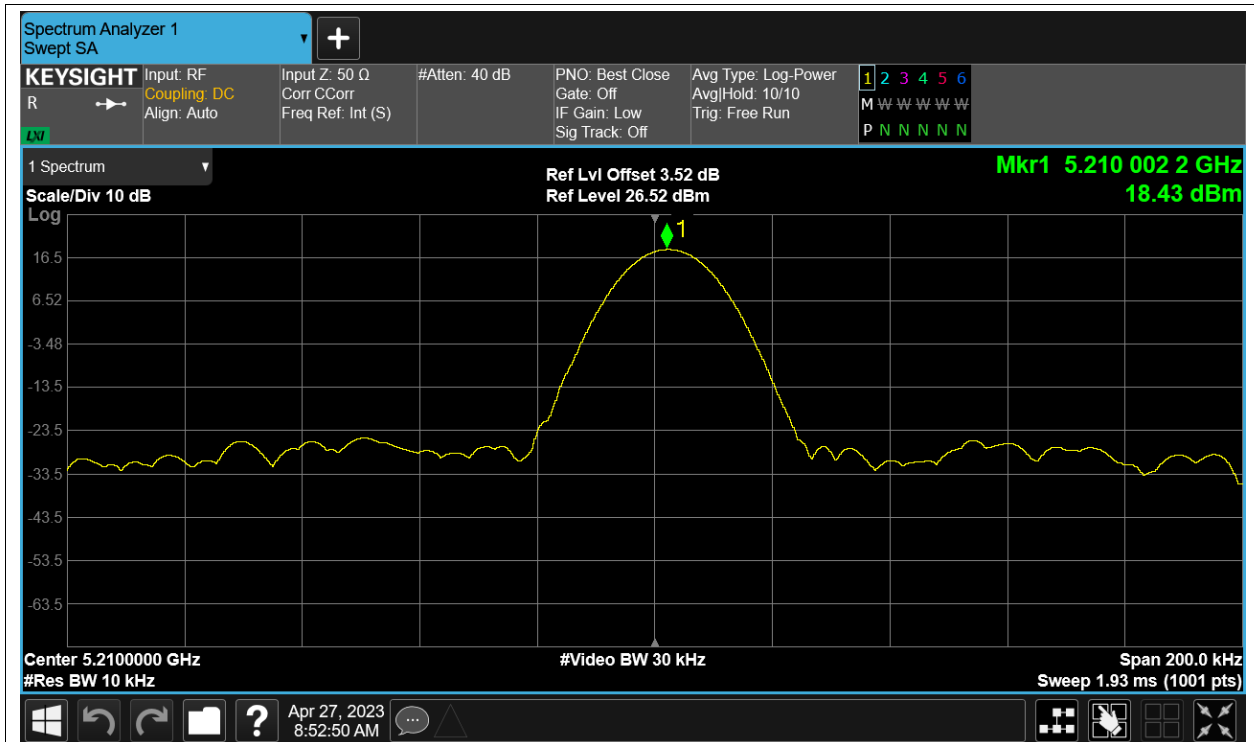
Freq. Stability LVNT ac80 5210MHz Ant6



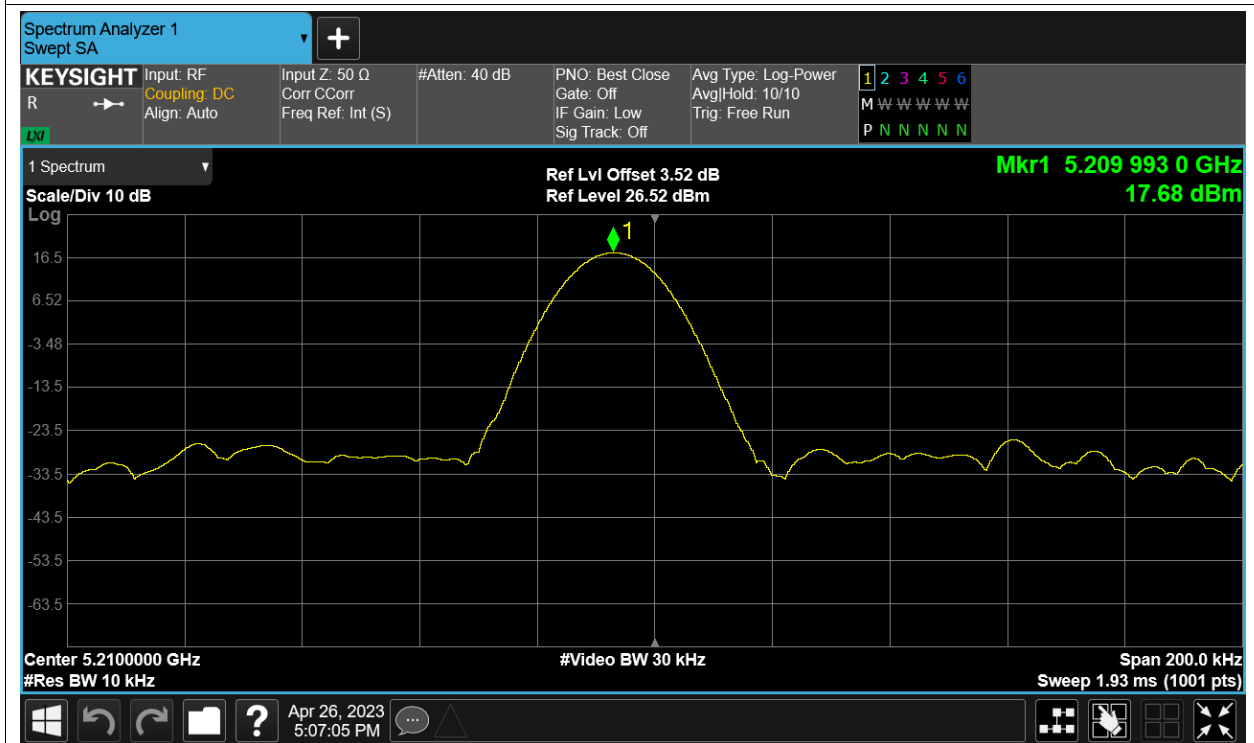
Freq. Stability NVHT ac80 5210MHz Ant6



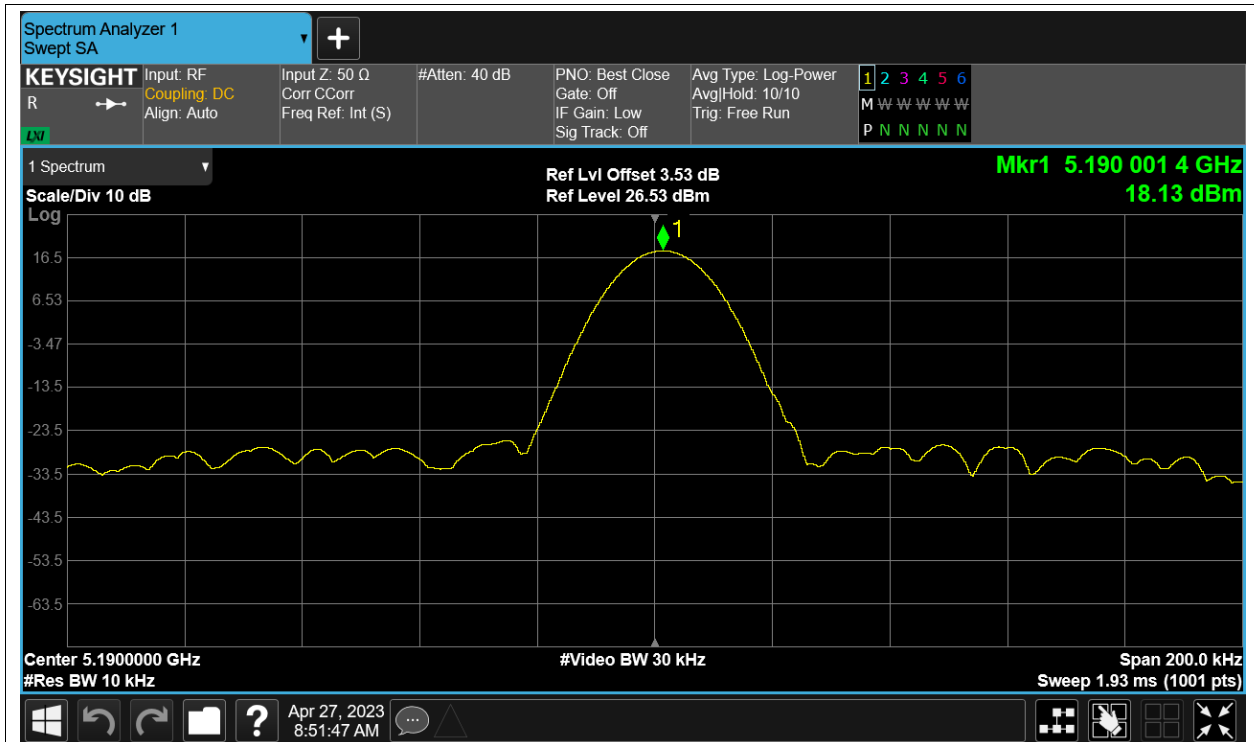
Freq. Stability NVLT ac80 5210MHz Ant6



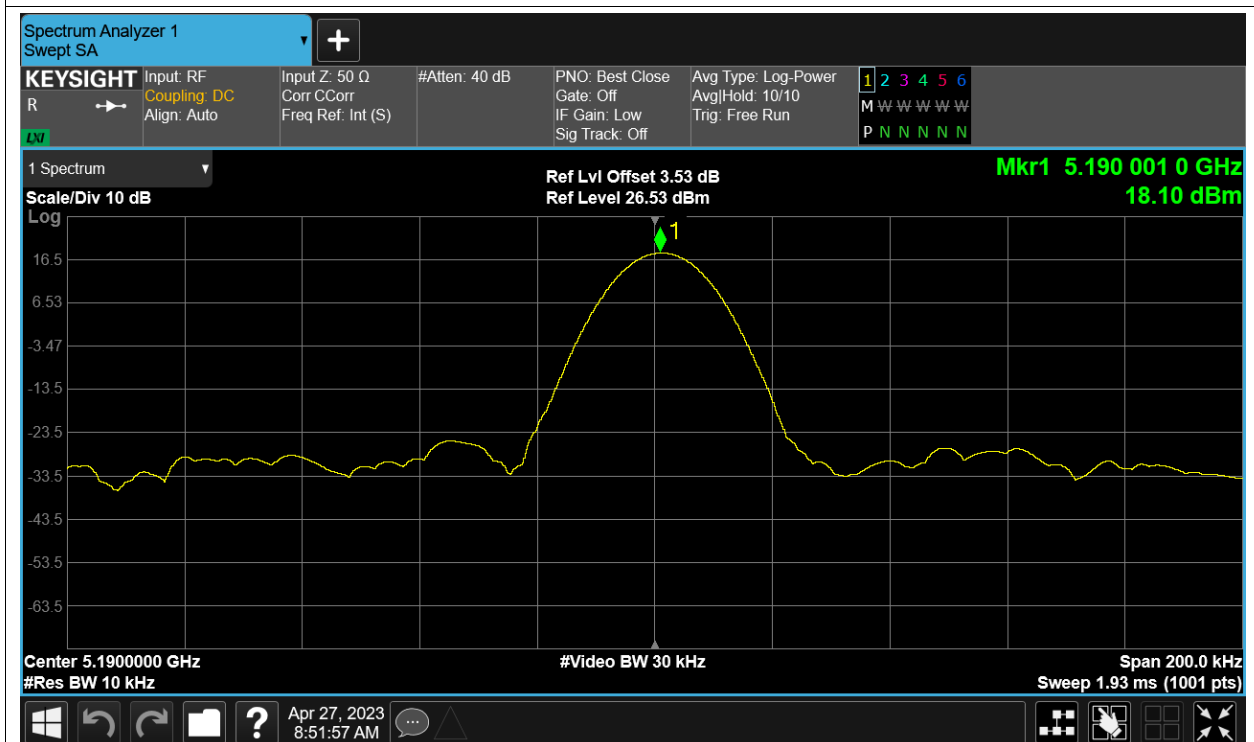
Freq. Stability NVNT ac80 5210MHz Ant6



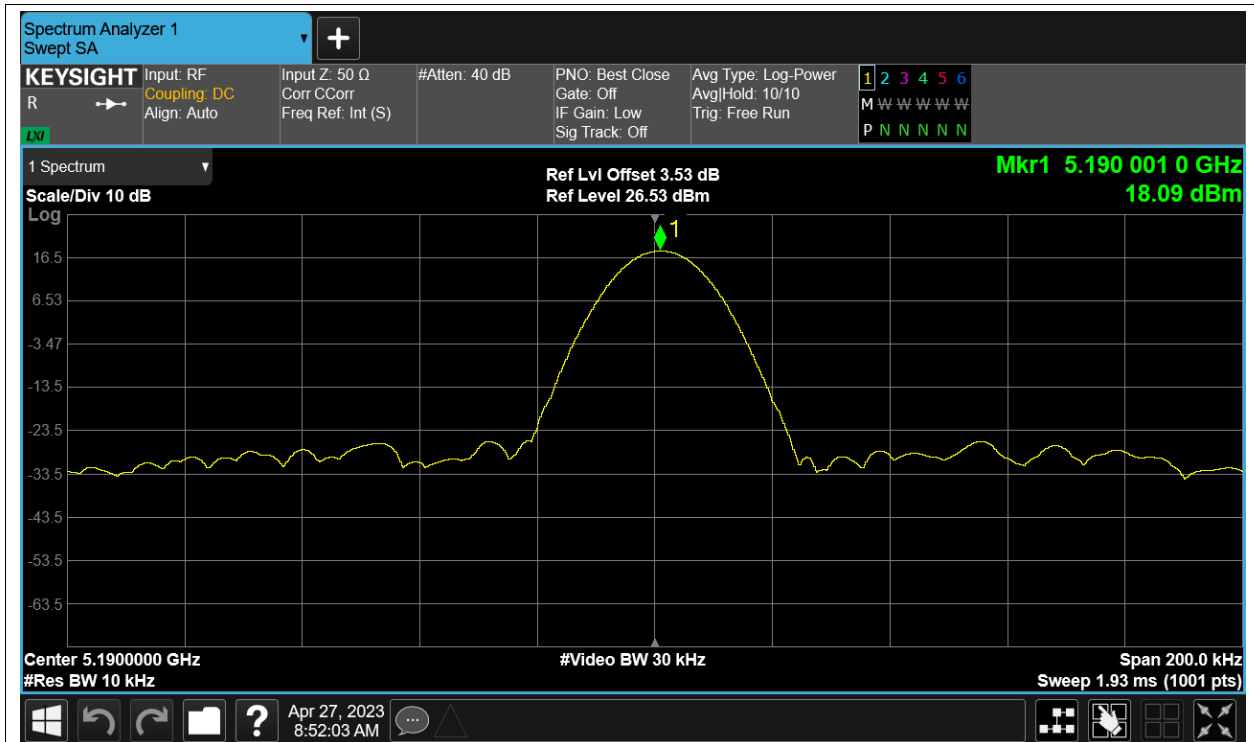
Freq. Stability HVNT n40 5190MHz Ant6



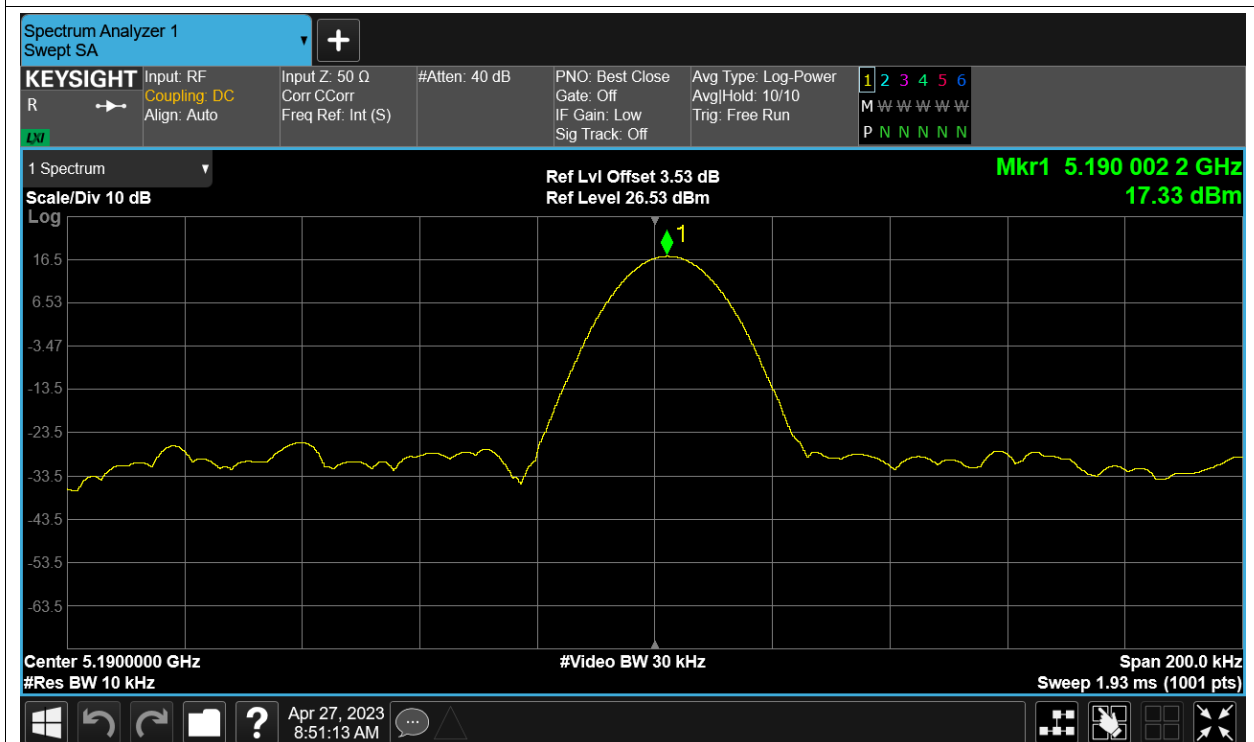
Freq. Stability LVNT n40 5190MHz Ant6



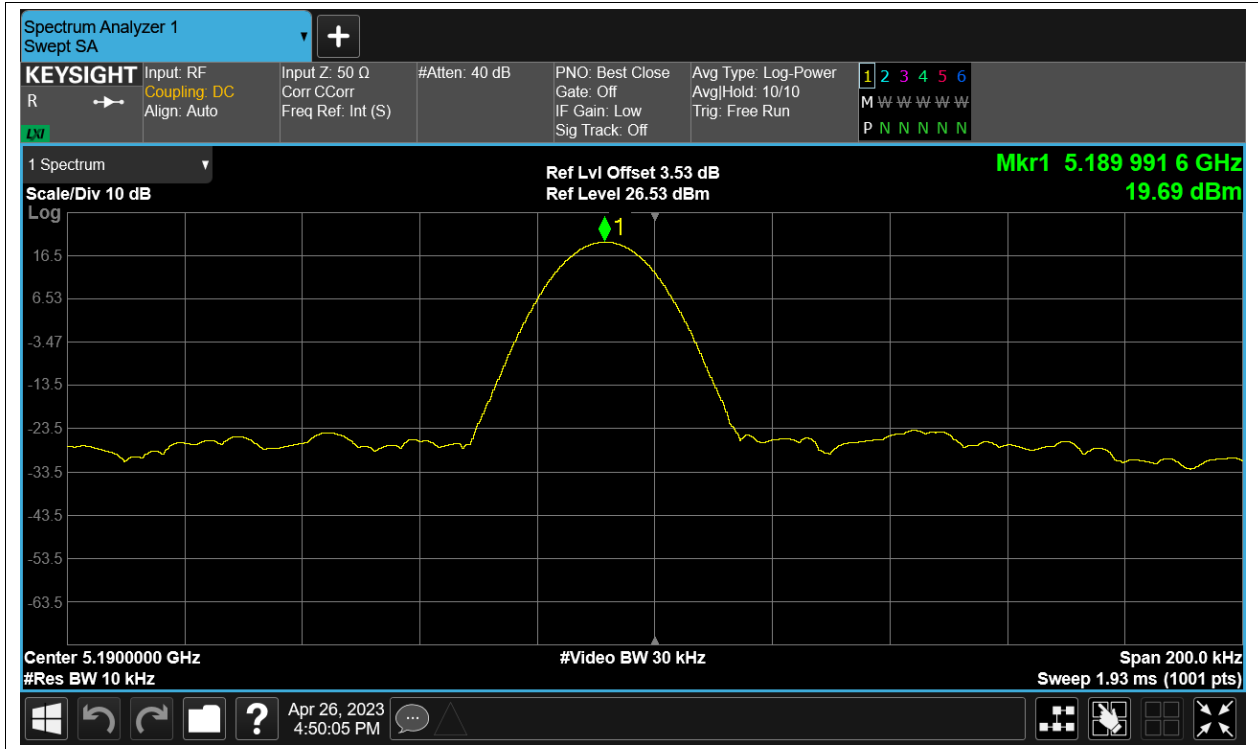
Freq. Stability NVHT n40 5190MHz Ant6



Freq. Stability NVLT n40 5190MHz Ant6

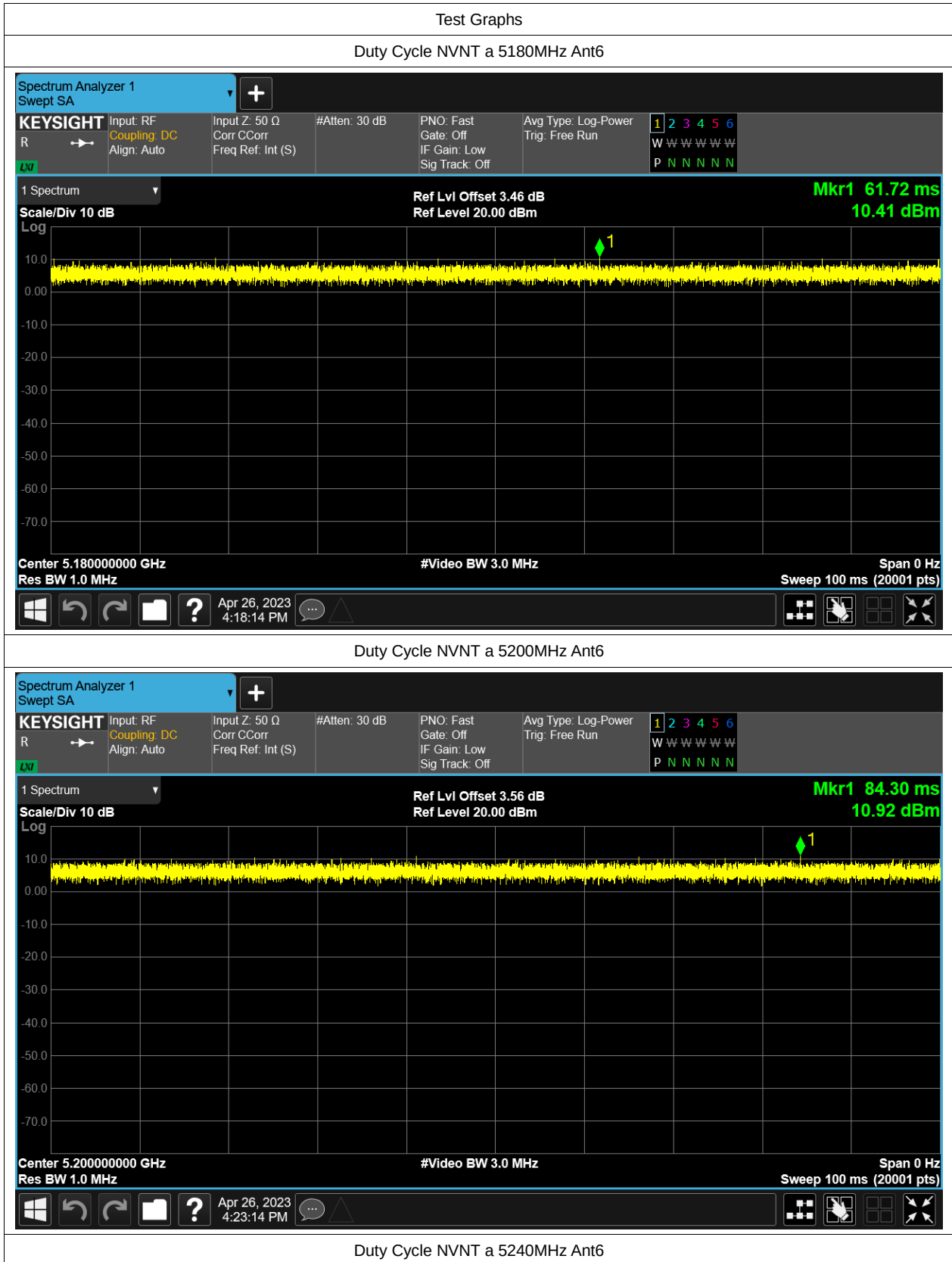


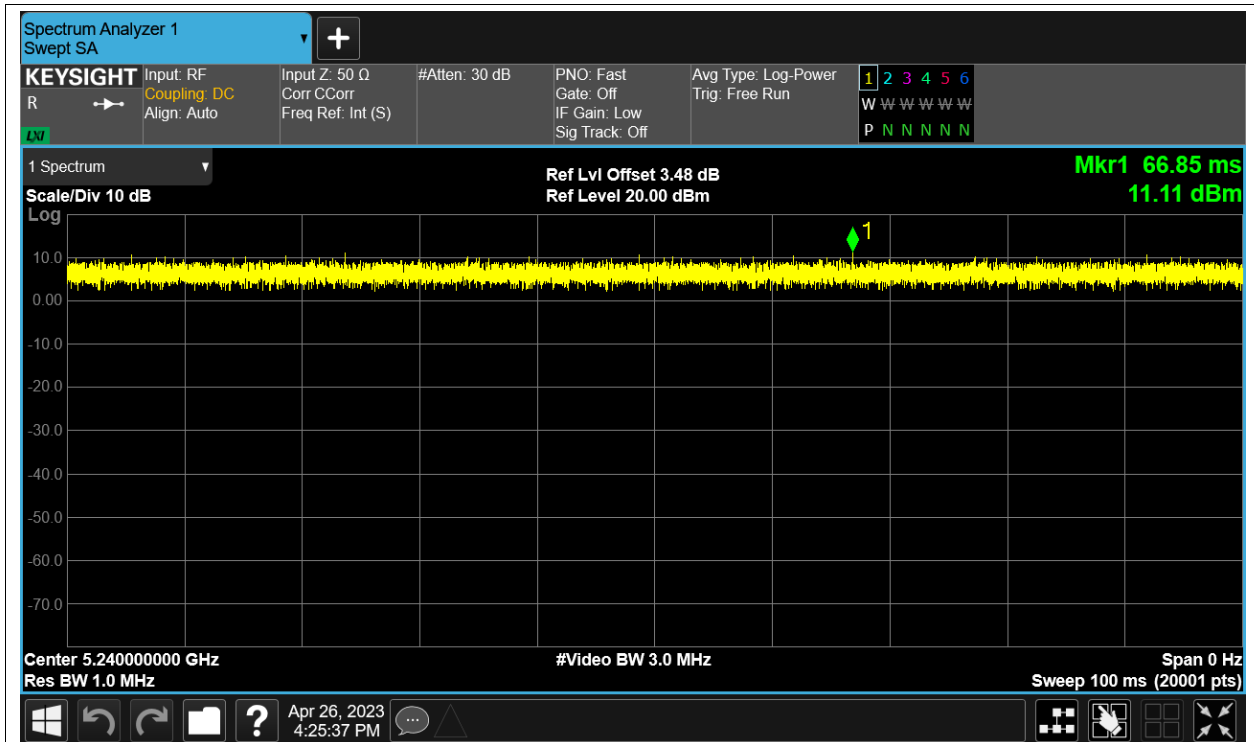
Freq. Stability NVNT n40 5190MHz Ant6



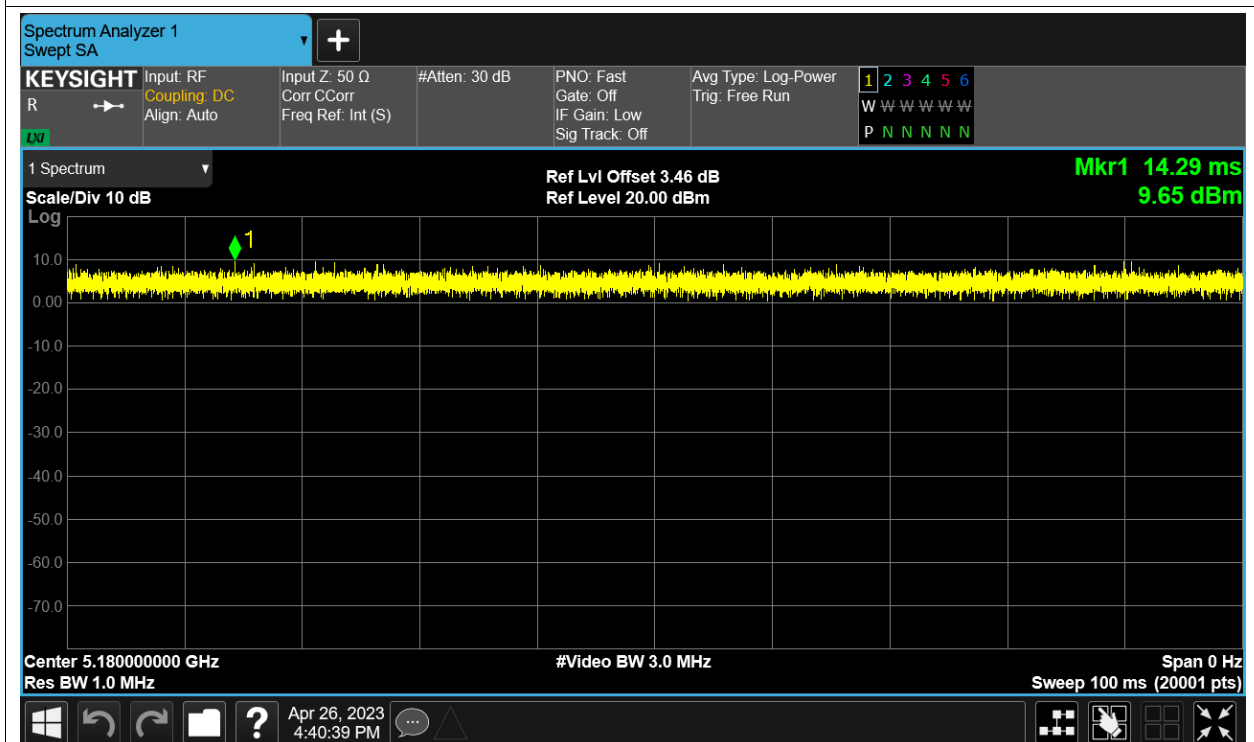
Duty Cycle

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

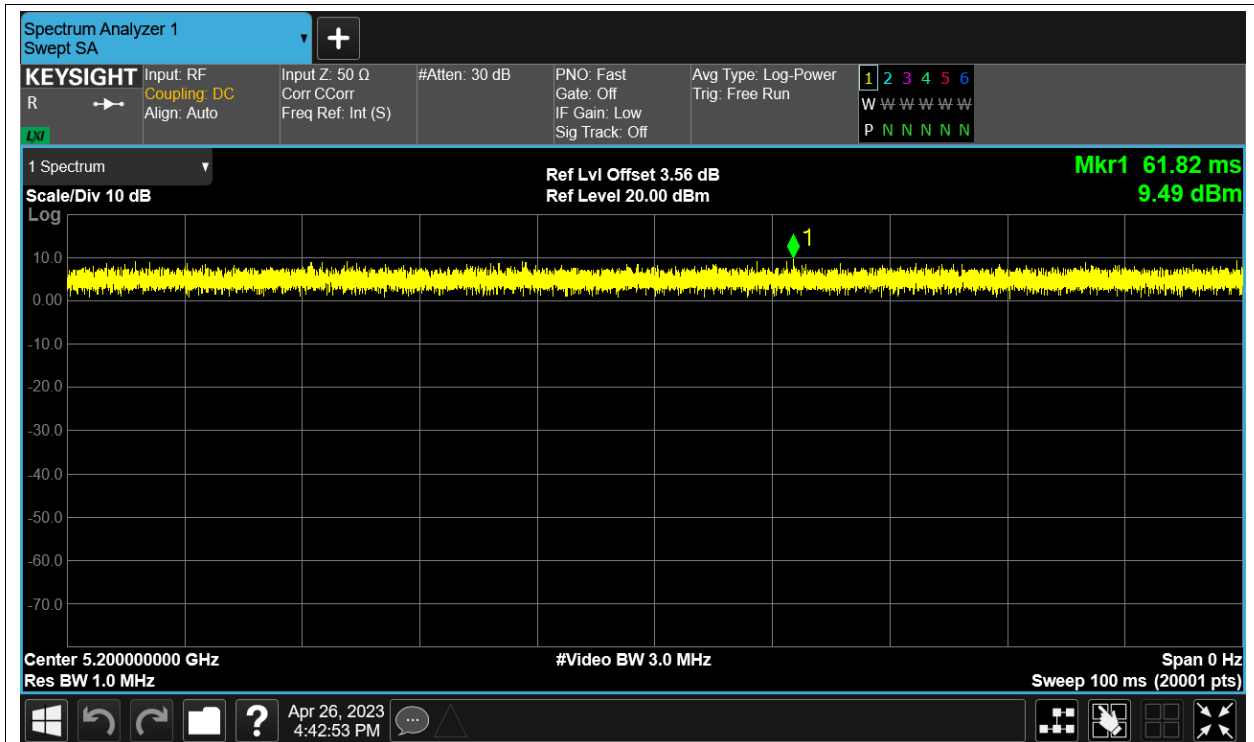




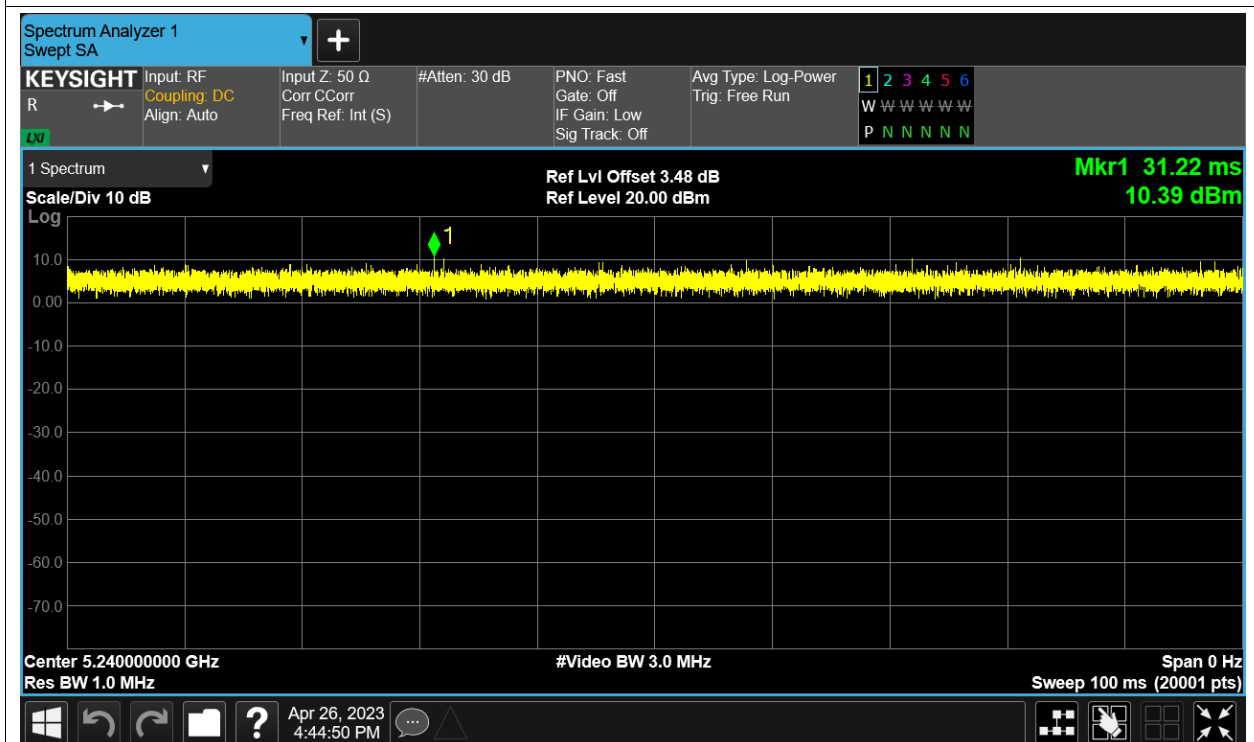
Duty Cycle NVNT ac20 5180MHz Ant6



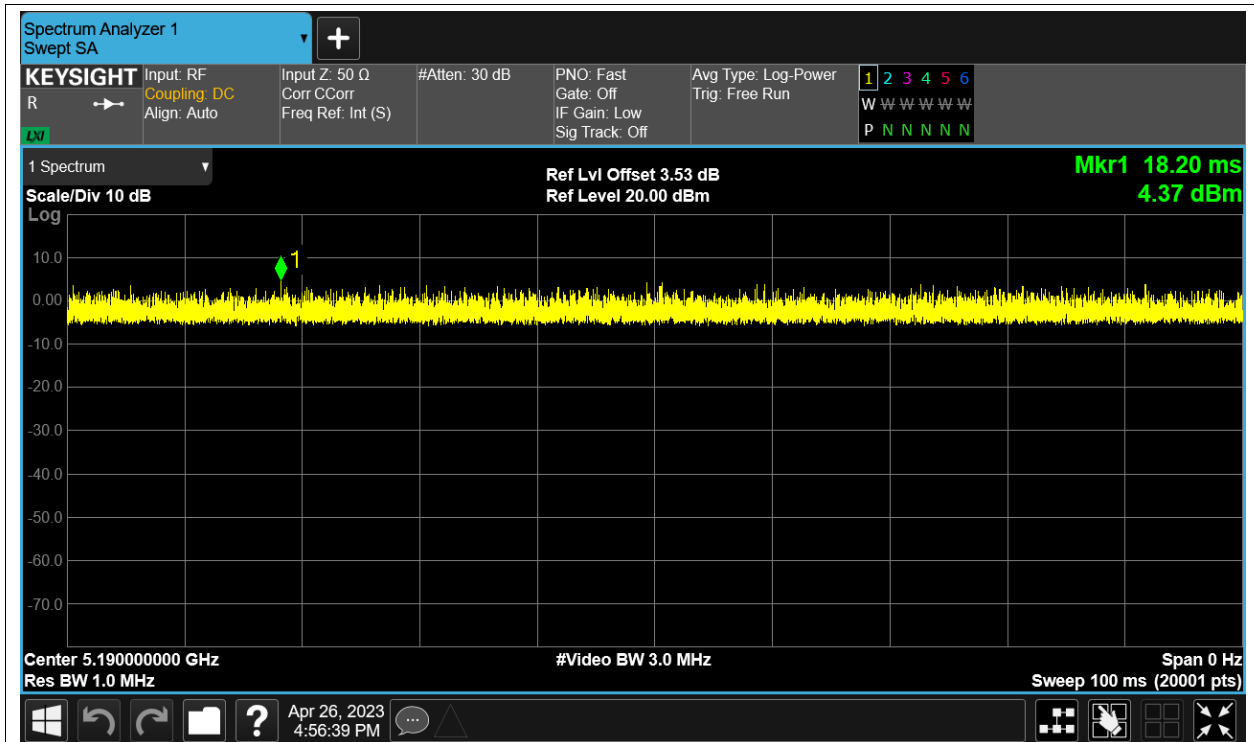
Duty Cycle NVNT ac20 5200MHz Ant6



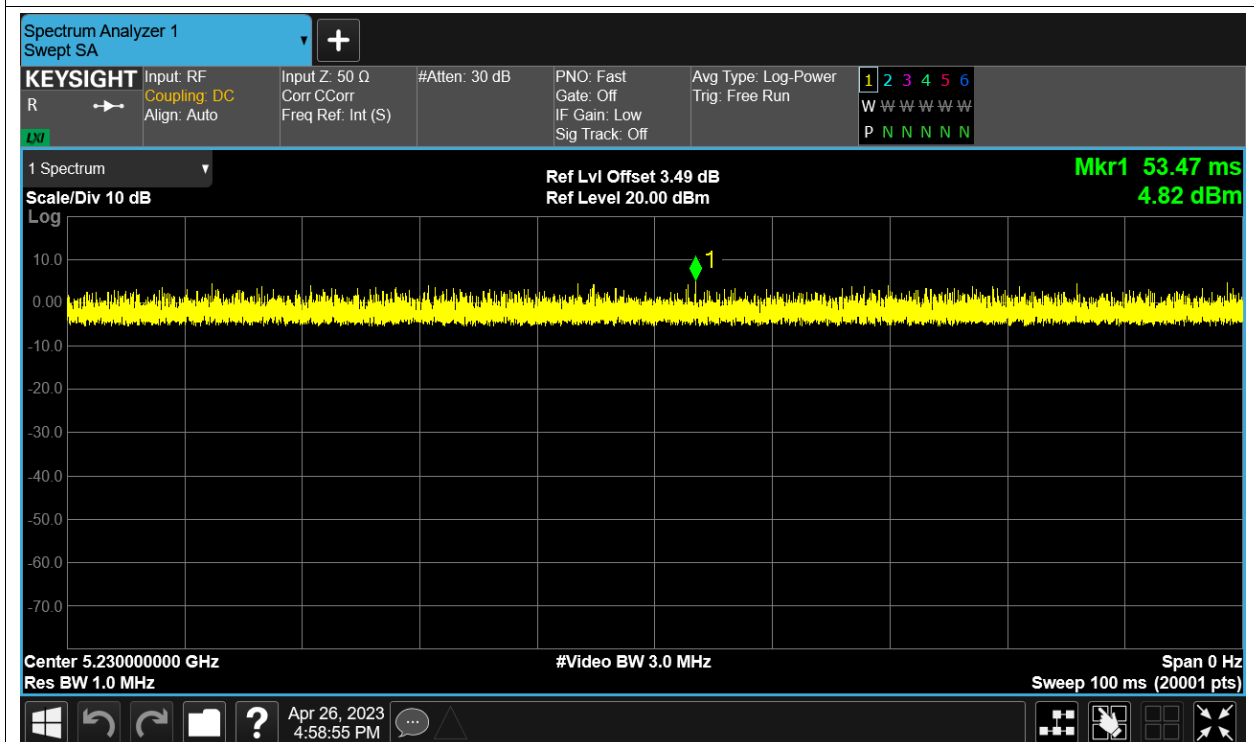
Duty Cycle NVNT ac20 5240MHz Ant6



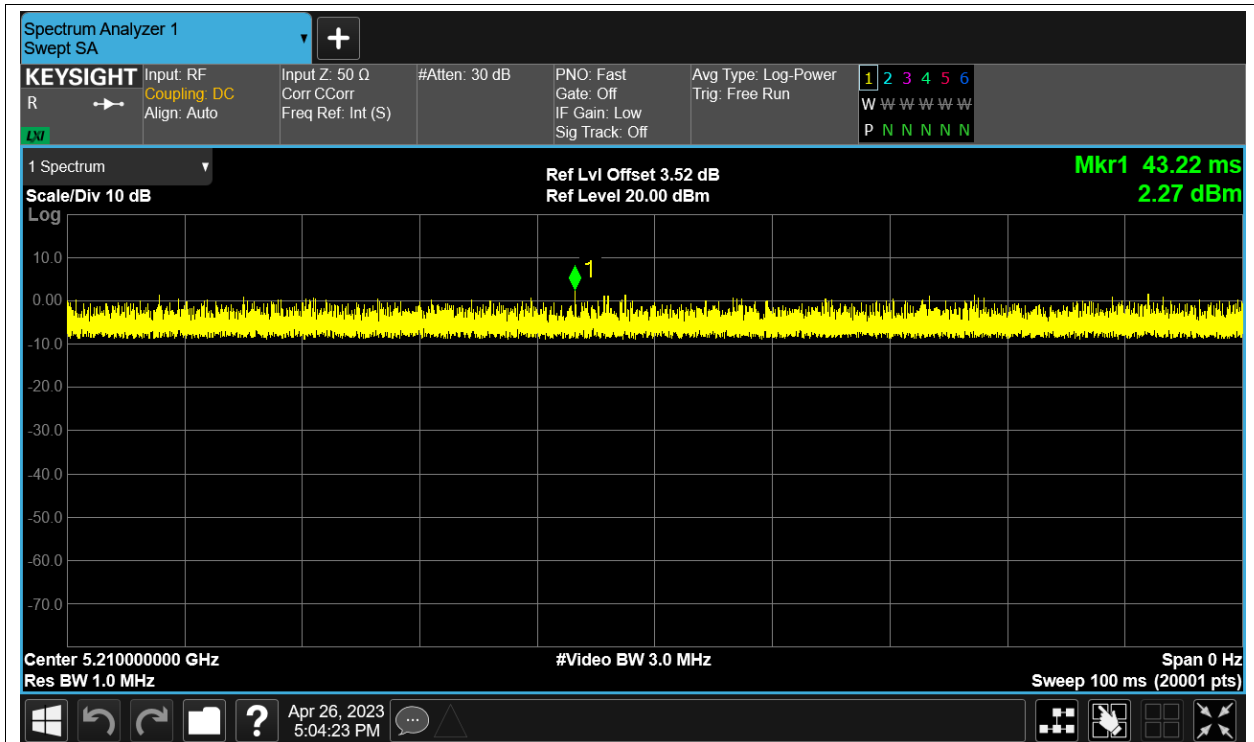
Duty Cycle NVNT ac40 5190MHz Ant6



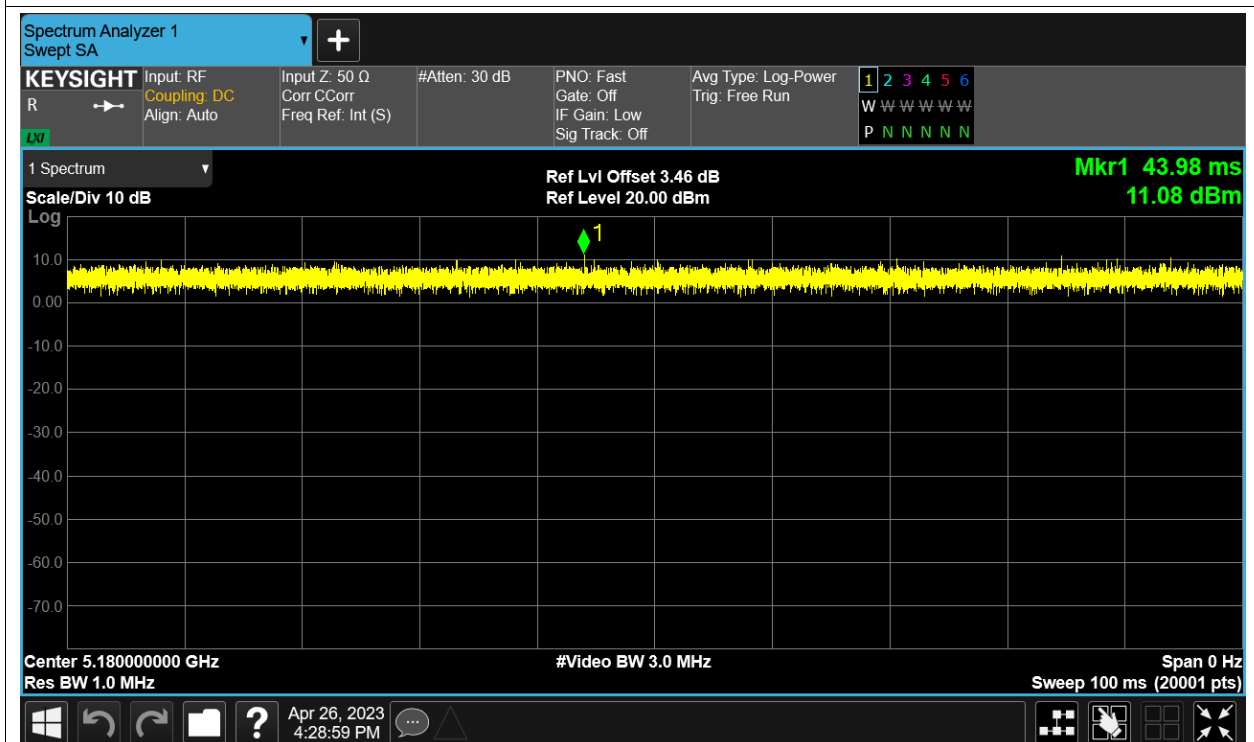
Duty Cycle NVNT ac40 5230MHz Ant6



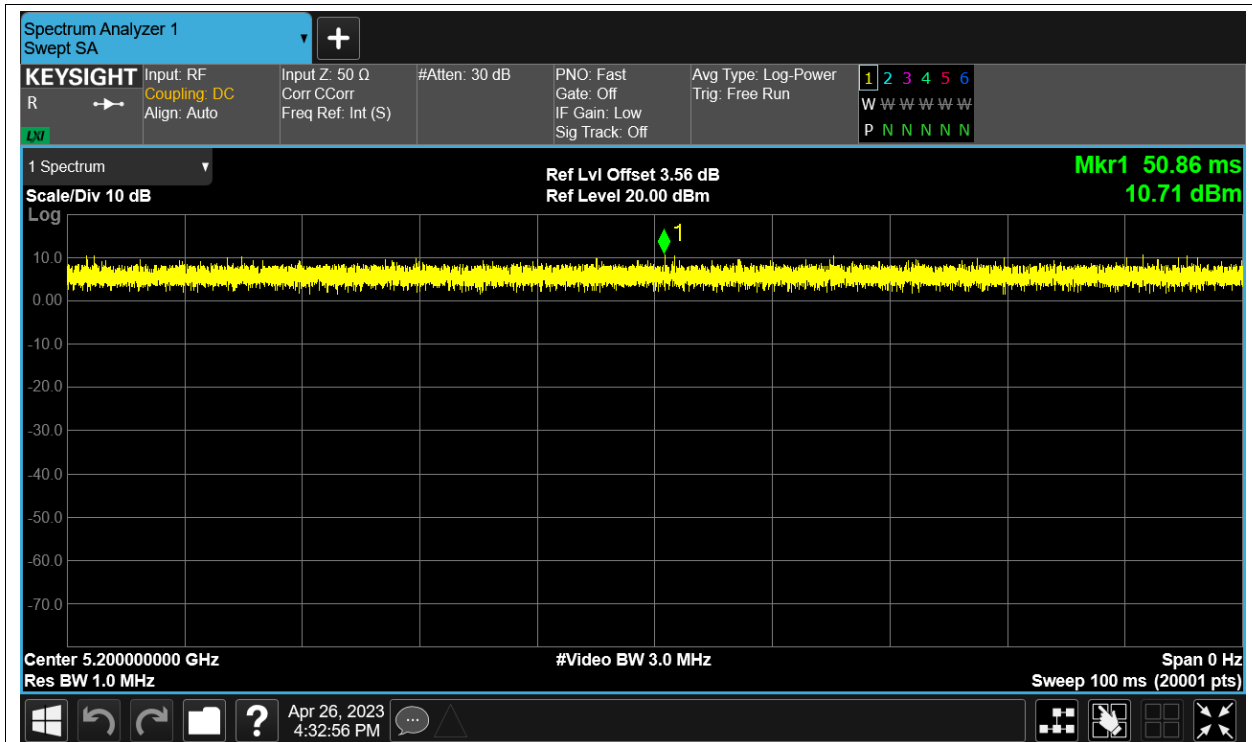
Duty Cycle NVNT ac80 5210MHz Ant6



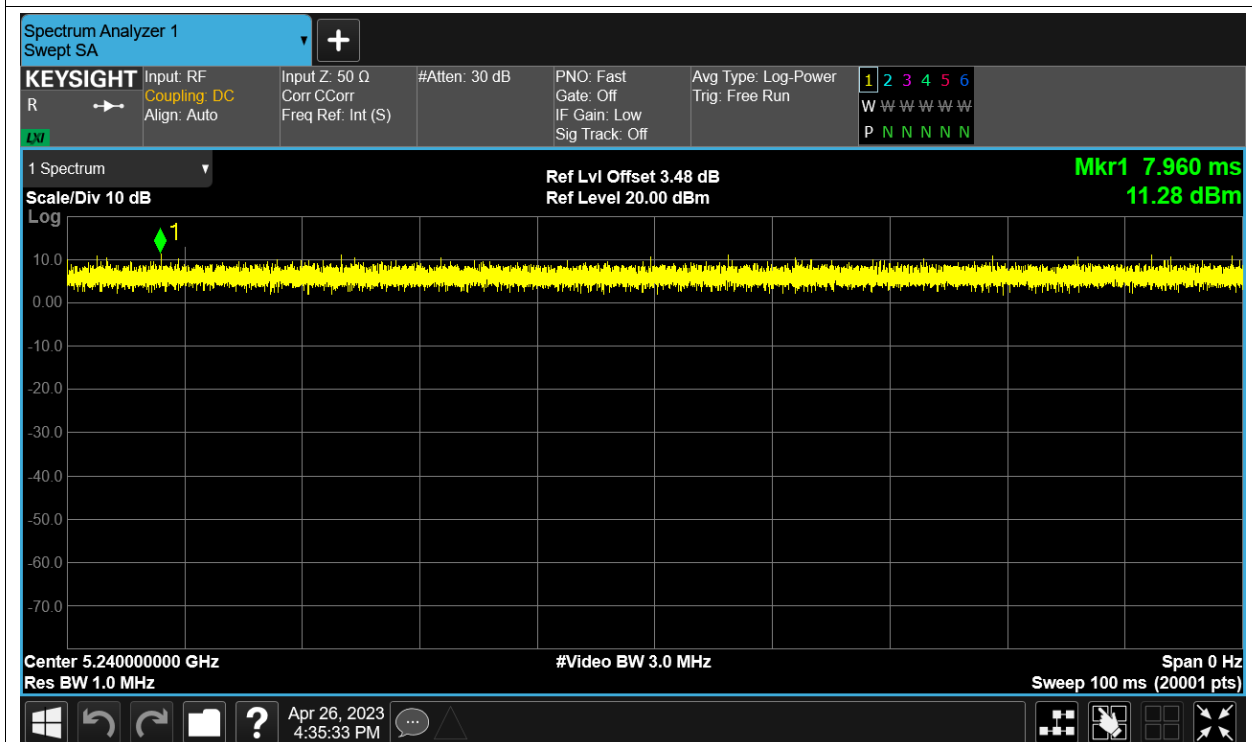
Duty Cycle NVNT n20 5180MHz Ant6



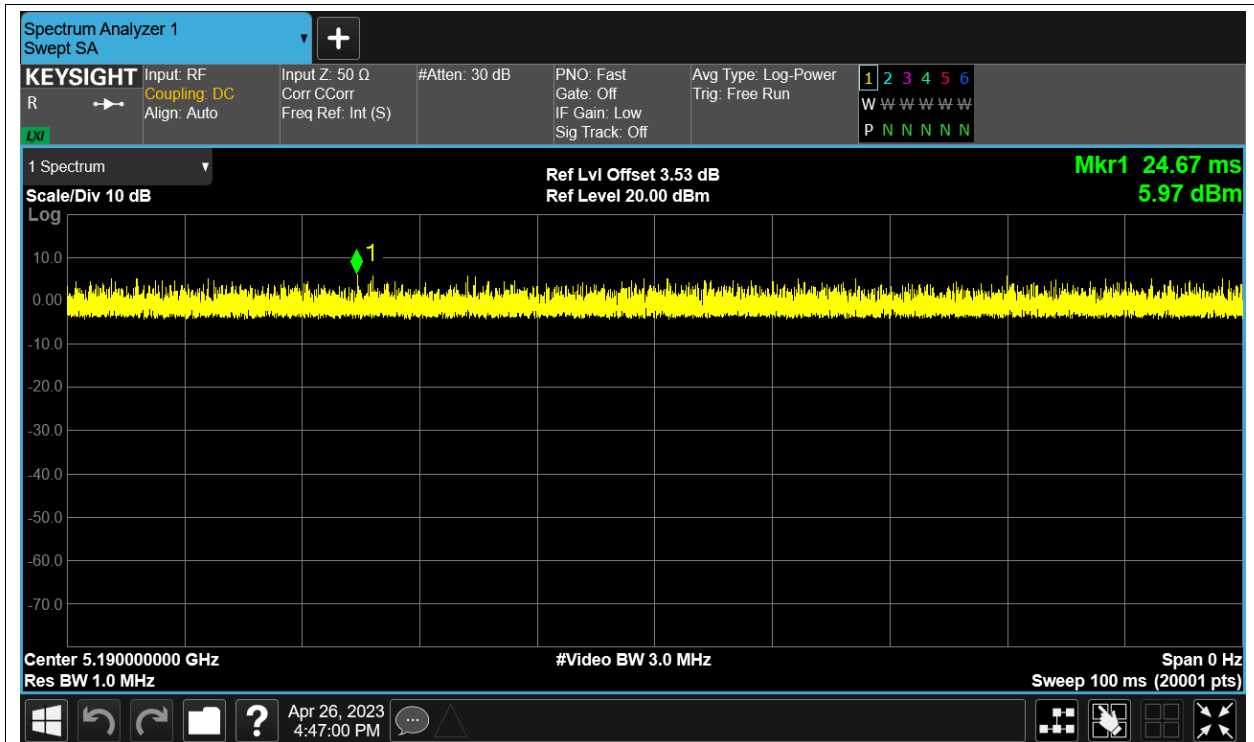
Duty Cycle NVNT n20 5200MHz Ant6



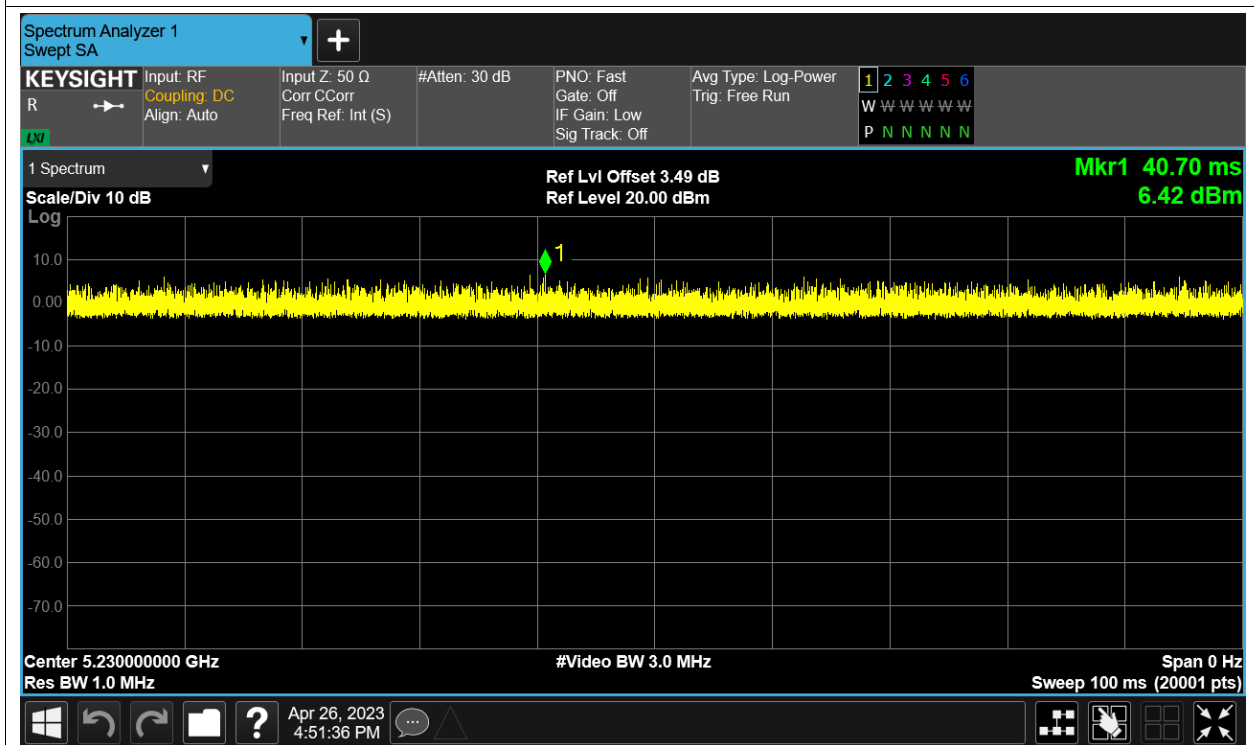
Duty Cycle NVNT n20 5240MHz Ant6



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	13.07	0	13.07	24	Pass
NVNT	a	5200	Ant6	13.06	0	13.06	24	Pass
NVNT	a	5240	Ant6	13.85	0	13.85	24	Pass
NVNT	ac20	5180	Ant6	12.08	0	12.08	24	Pass
NVNT	ac20	5200	Ant6	11.85	0	11.85	24	Pass
NVNT	ac20	5240	Ant6	12.57	0	12.57	24	Pass
NVNT	ac40	5190	Ant6	11.34	0	11.34	24	Pass
NVNT	ac40	5230	Ant6	11.53	0	11.53	24	Pass
NVNT	ac80	5210	Ant6	11.2	0	11.2	24	Pass
NVNT	n20	5180	Ant6	13.11	0	13.11	24	Pass
NVNT	n20	5200	Ant6	12.73	0	12.73	24	Pass
NVNT	n20	5240	Ant6	13.69	0	13.69	24	Pass
NVNT	n40	5190	Ant6	12.85	0	12.85	24	Pass
NVNT	n40	5230	Ant6	13.35	0	13.35	24	Pass

-26dB Bandwidth

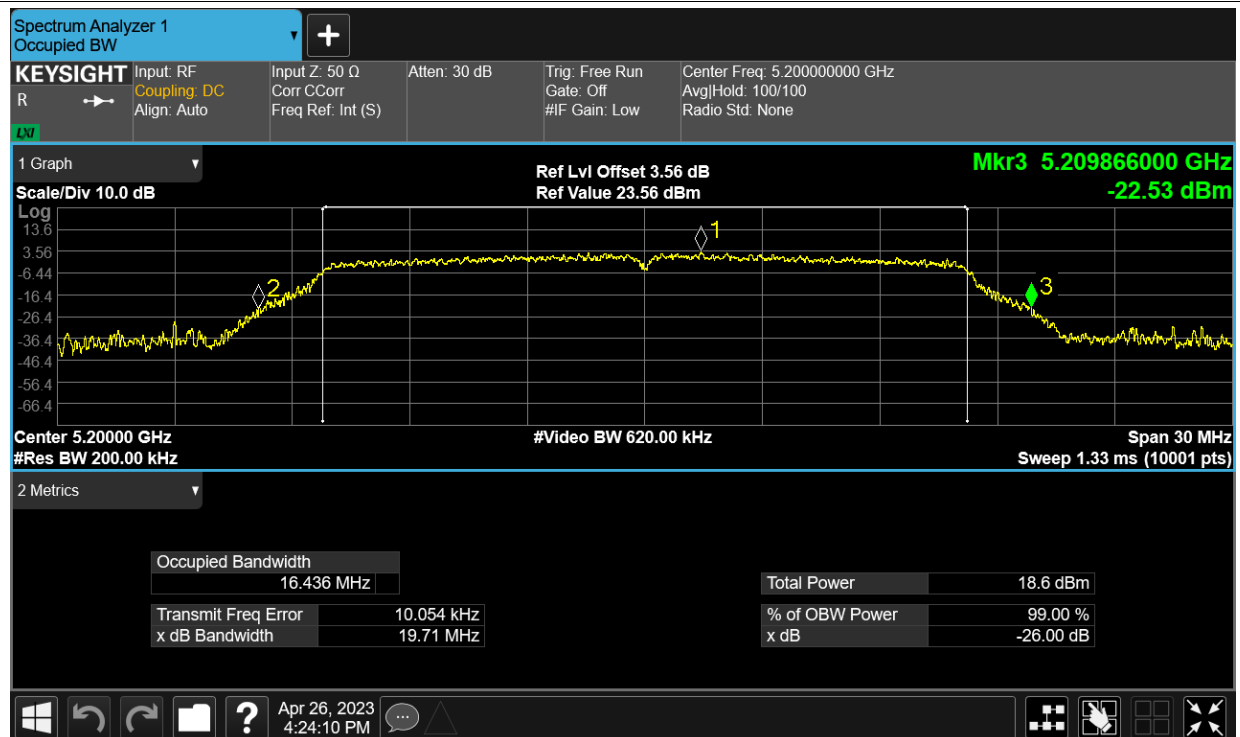
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant6	19.582
NVNT	a	5200	Ant6	19.711
NVNT	a	5240	Ant6	19.848
NVNT	ac20	5180	Ant6	20.074
NVNT	ac20	5200	Ant6	20.378
NVNT	ac20	5240	Ant6	20.251
NVNT	ac40	5190	Ant6	39.078
NVNT	ac40	5230	Ant6	39.291
NVNT	ac80	5210	Ant6	78.762
NVNT	n20	5180	Ant6	20.021
NVNT	n20	5200	Ant6	20.024
NVNT	n20	5240	Ant6	20.14
NVNT	n40	5190	Ant6	39.703
NVNT	n40	5230	Ant6	39.535

Test Graphs

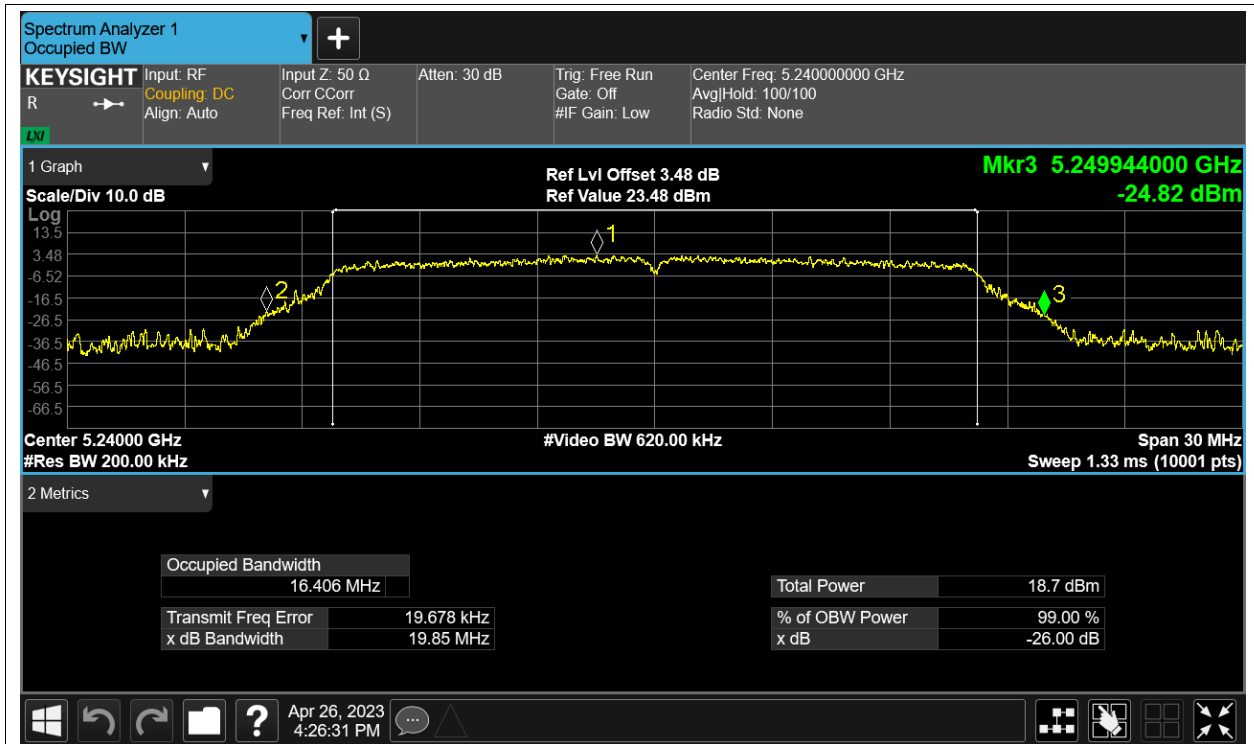
-26dB Bandwidth NVNT a 5180MHz Ant6



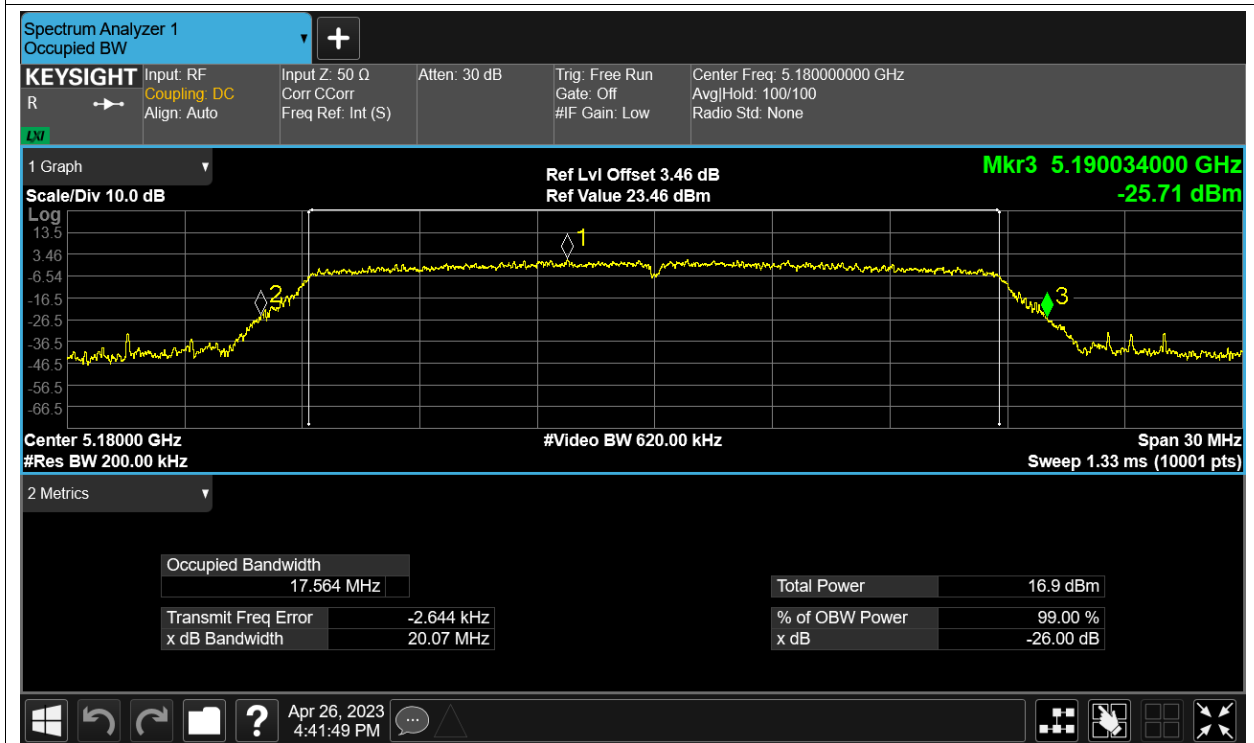
-26dB Bandwidth NVNT a 5200MHz Ant6



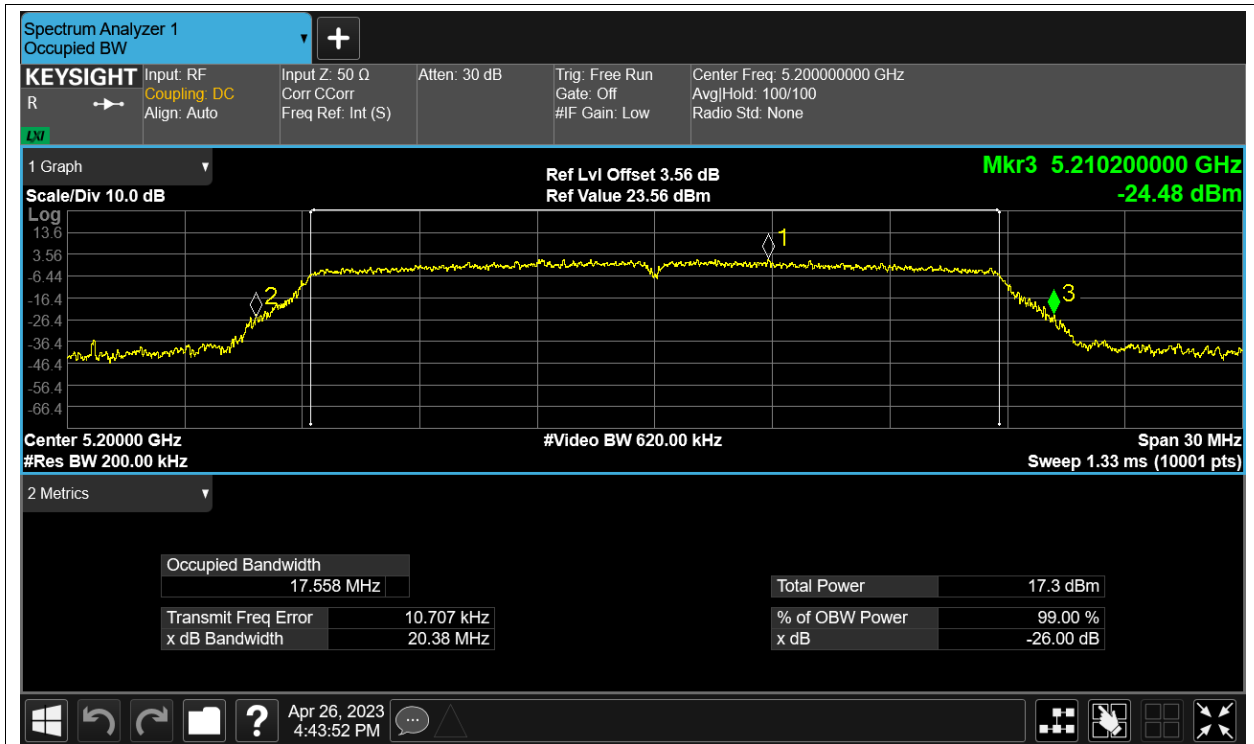
-26dB Bandwidth NVNT a 5240MHz Ant6



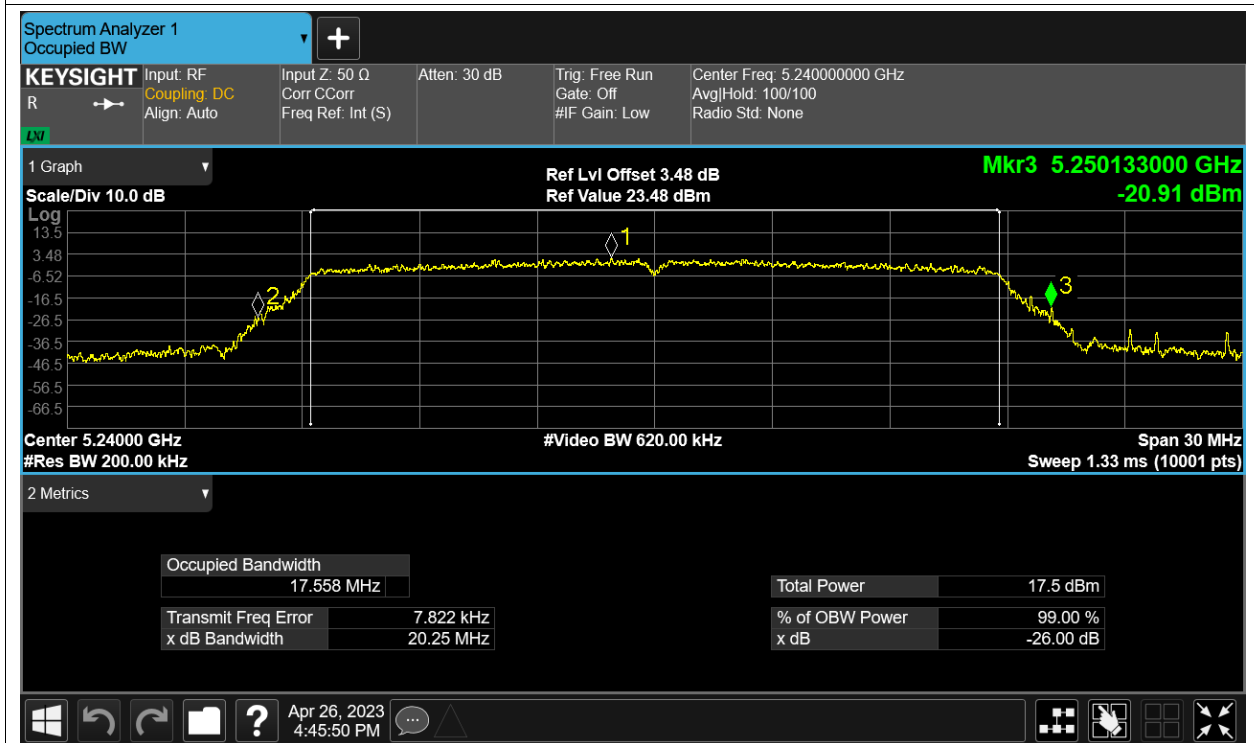
-26dB Bandwidth NVNT ac20 5180MHz Ant6



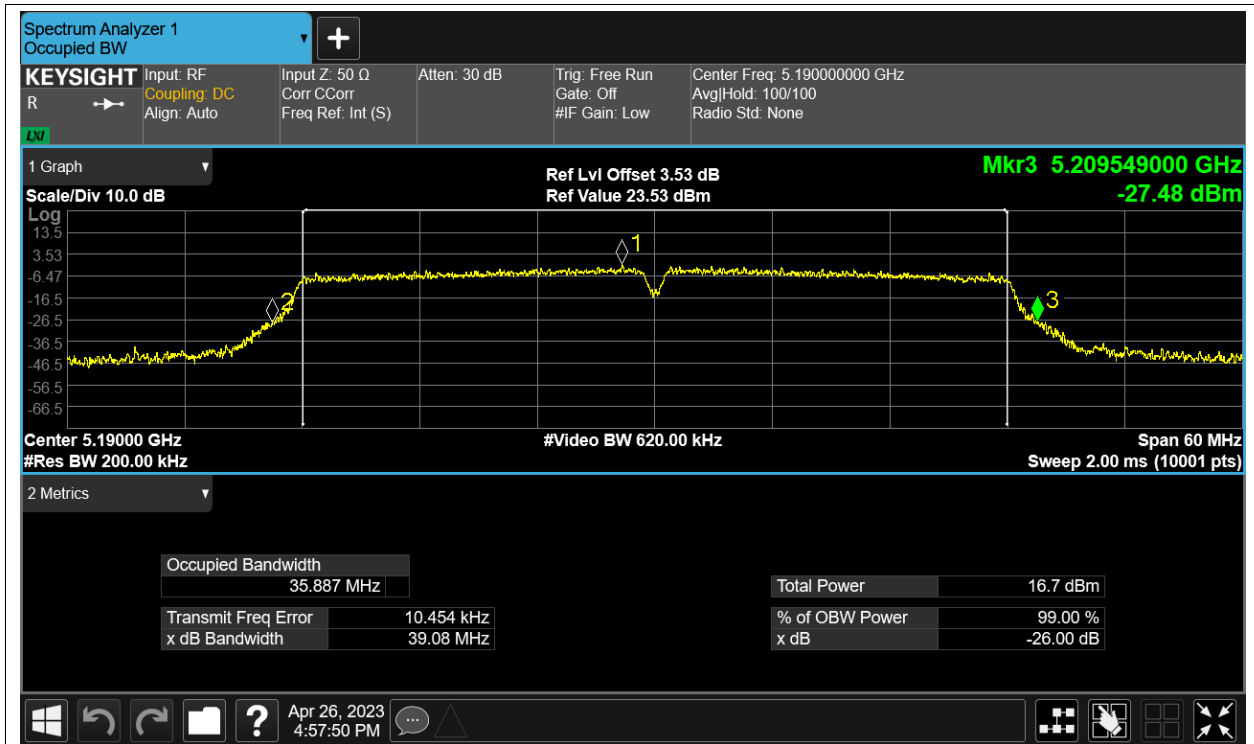
-26dB Bandwidth NVNT ac20 5200MHz Ant6



-26dB Bandwidth NVNT ac20 5240MHz Ant6



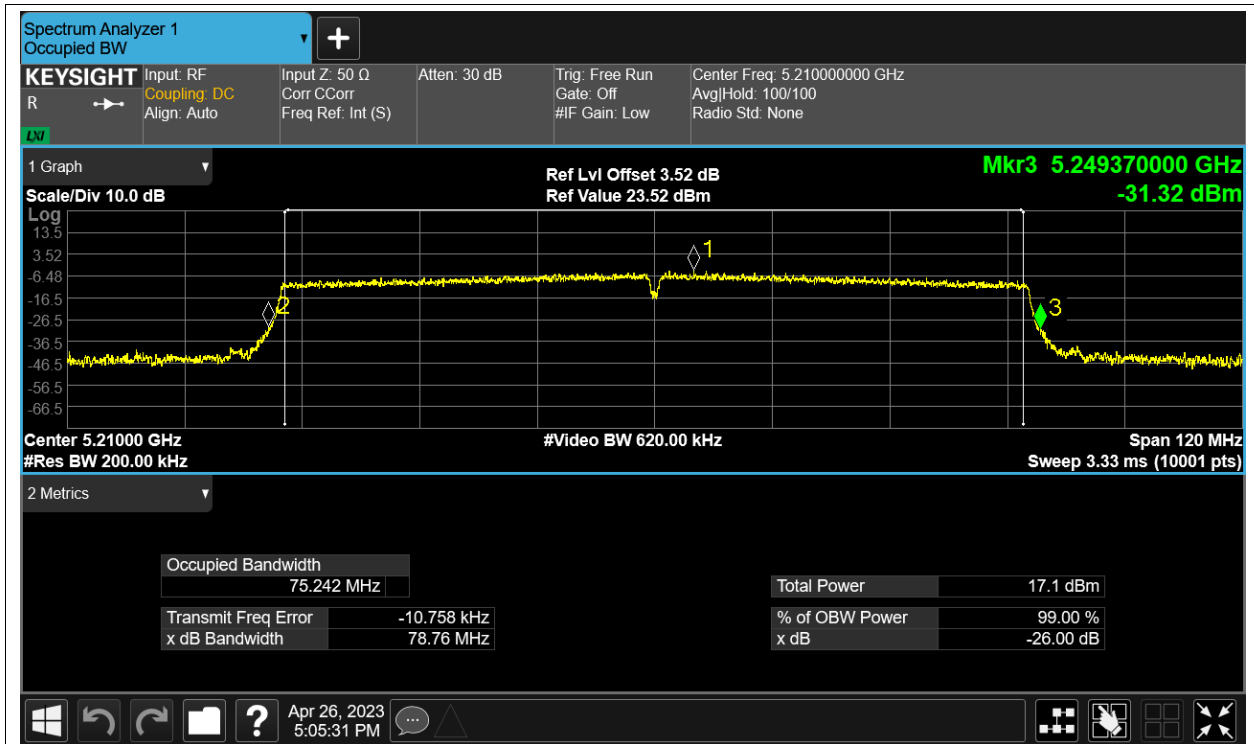
-26dB Bandwidth NVNT ac40 5190MHz Ant6



-26dB Bandwidth NVNT ac40 5230MHz Ant6



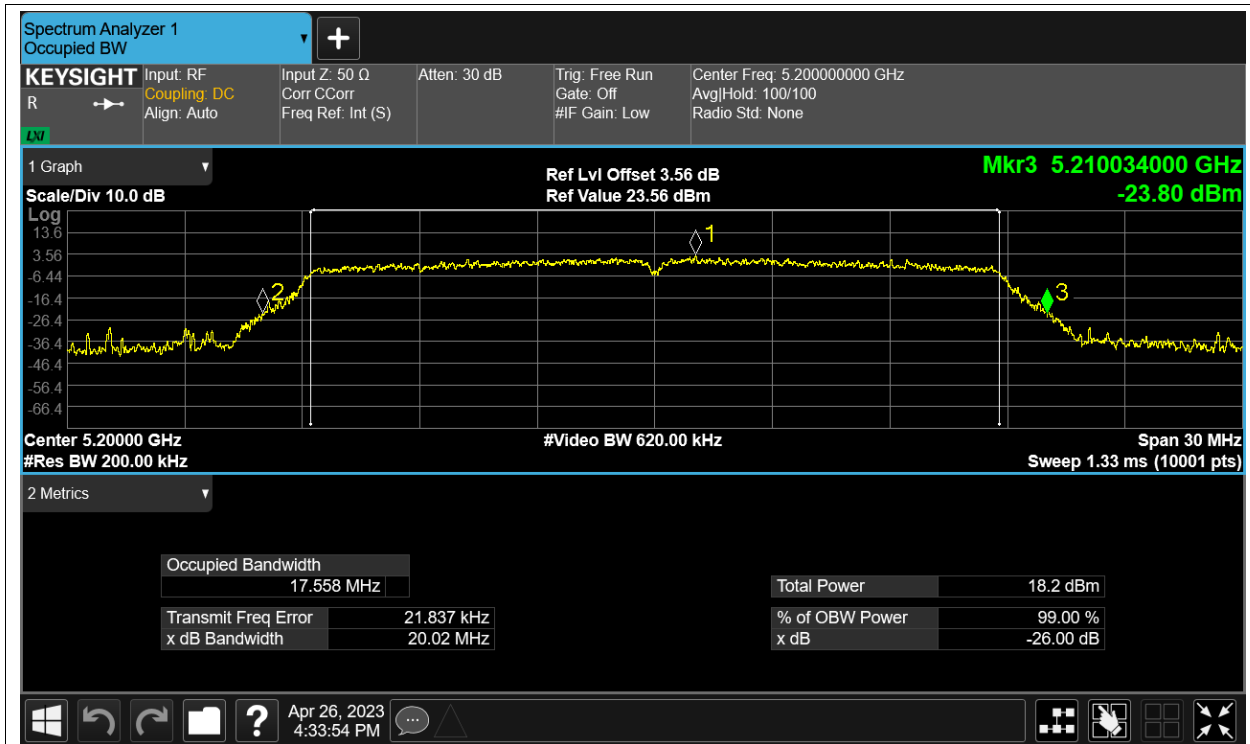
-26dB Bandwidth NVNT ac80 5210MHz Ant6



-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

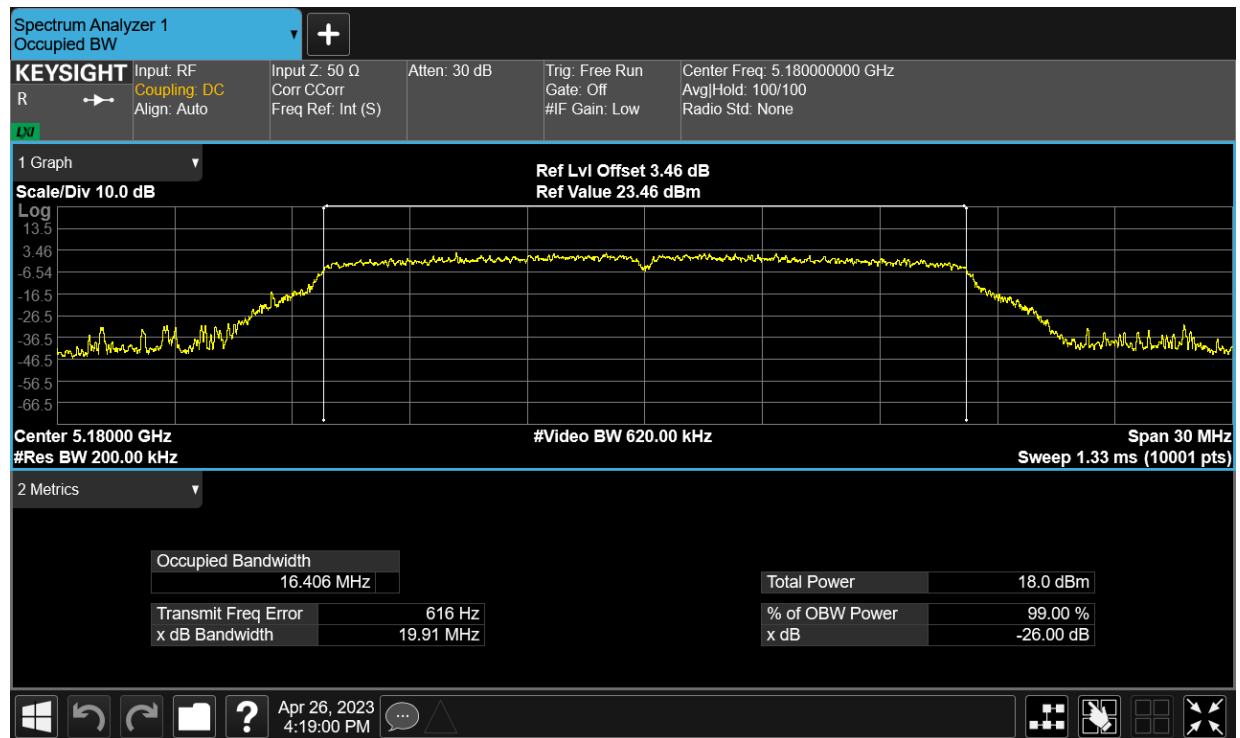


Occupied Channel Bandwidth

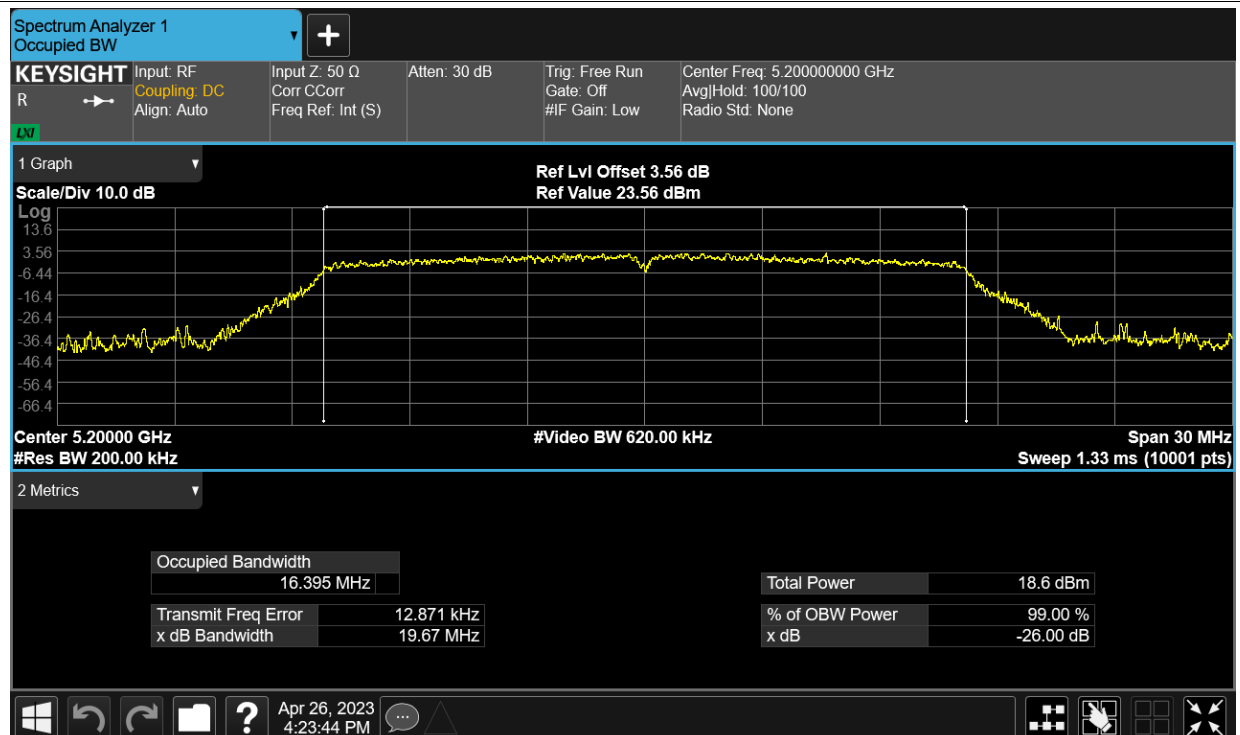
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant6	16.406
NVNT	a	5200	Ant6	16.395
NVNT	a	5240	Ant6	16.445
NVNT	ac20	5180	Ant6	17.584
NVNT	ac20	5200	Ant6	17.549
NVNT	ac20	5240	Ant6	17.56
NVNT	ac40	5190	Ant6	35.954
NVNT	ac40	5230	Ant6	35.985
NVNT	ac80	5210	Ant6	75.183
NVNT	n20	5180	Ant6	17.553
NVNT	n20	5200	Ant6	17.553
NVNT	n20	5240	Ant6	17.559
NVNT	n40	5190	Ant6	35.975
NVNT	n40	5230	Ant6	35.957

Test Graphs

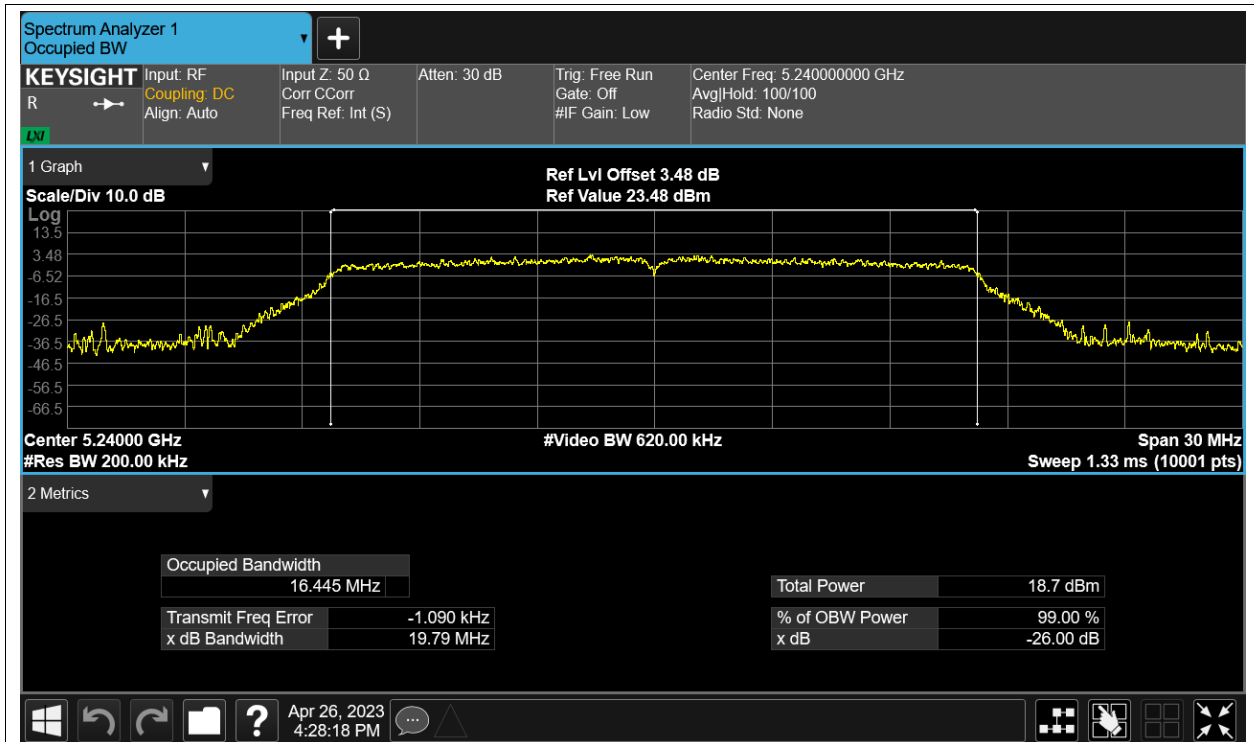
OBW NVNT a 5180MHz Ant6



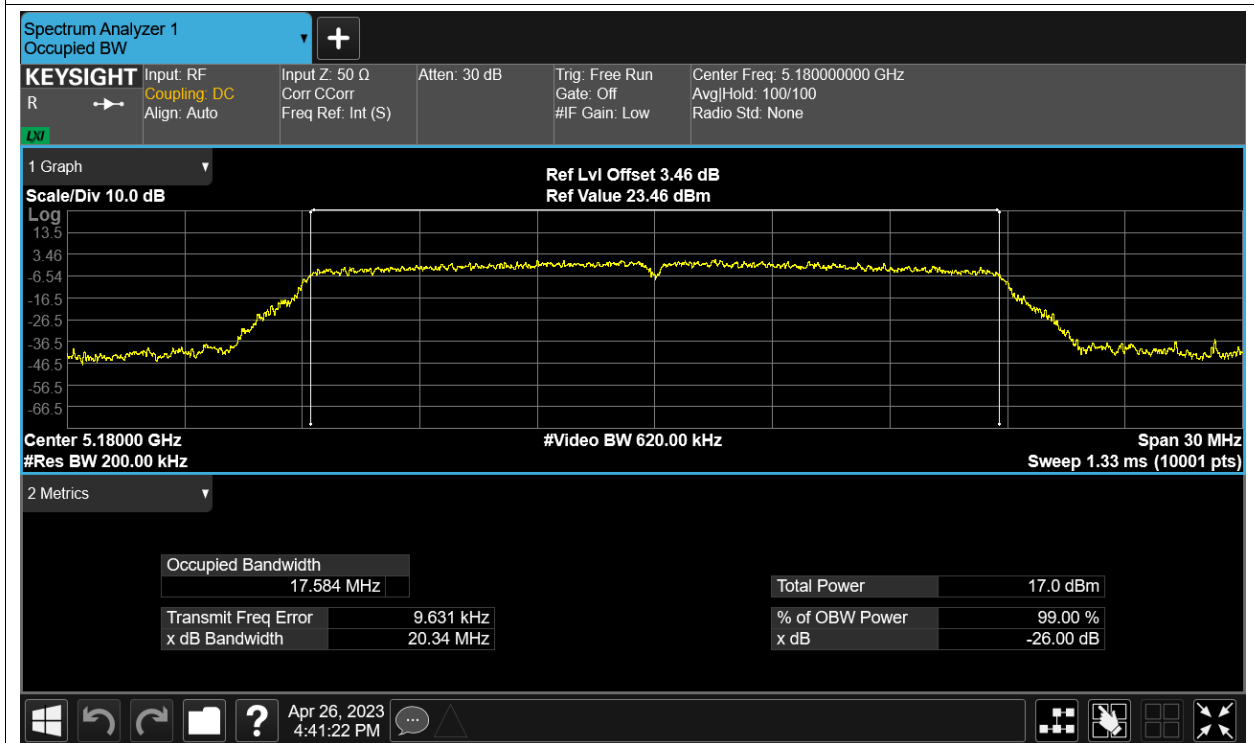
OBW NVNT a 5200MHz Ant6



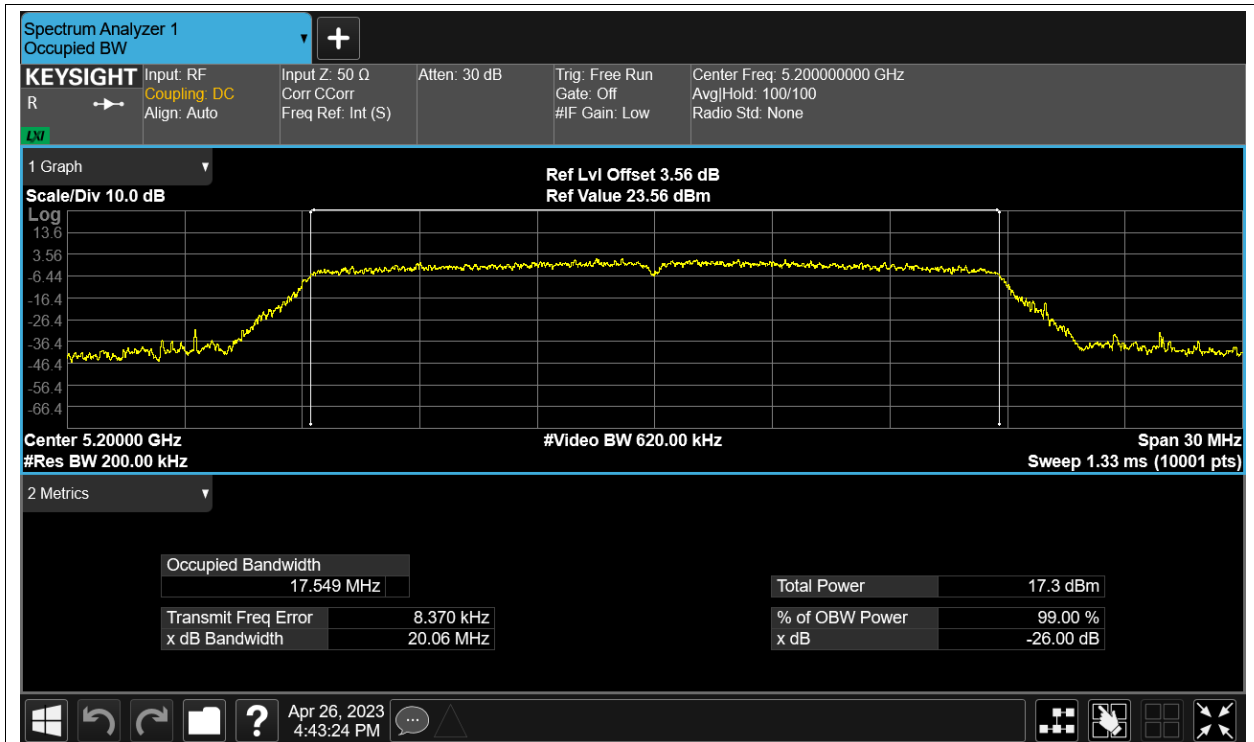
OBW NVNT a 5240MHz Ant6



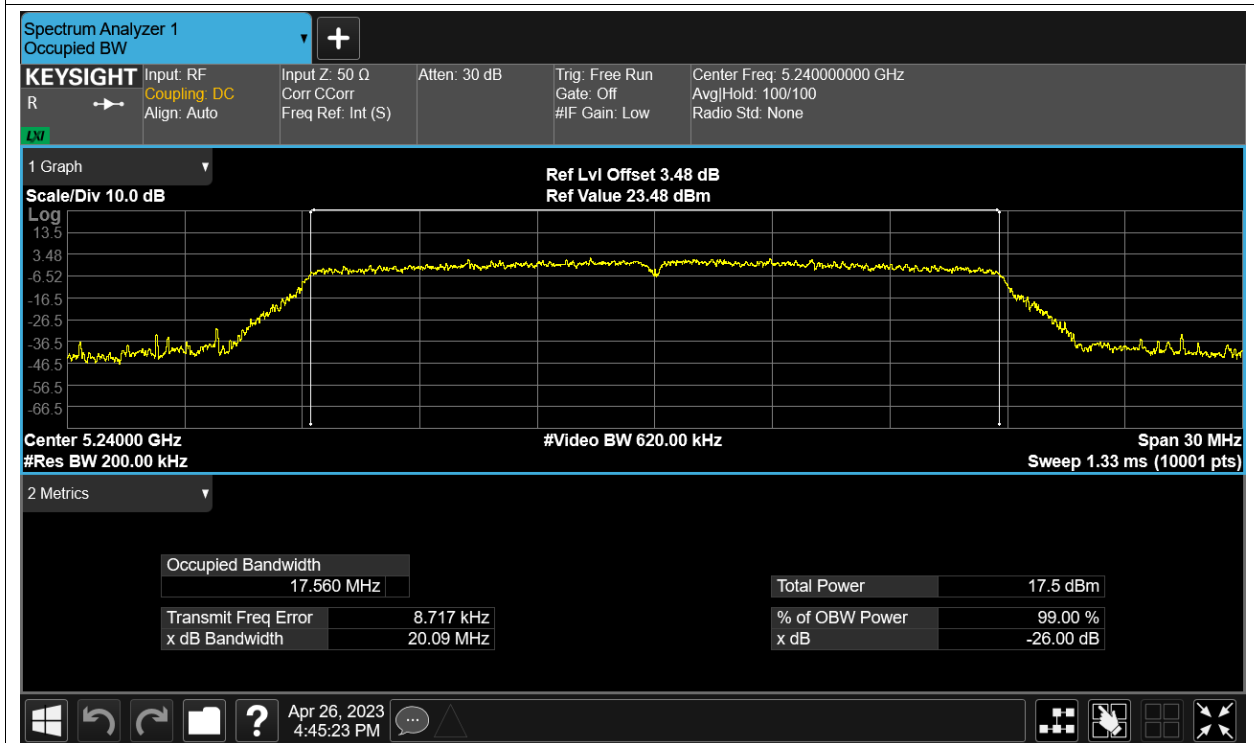
OBW NVNT ac20 5180MHz Ant6



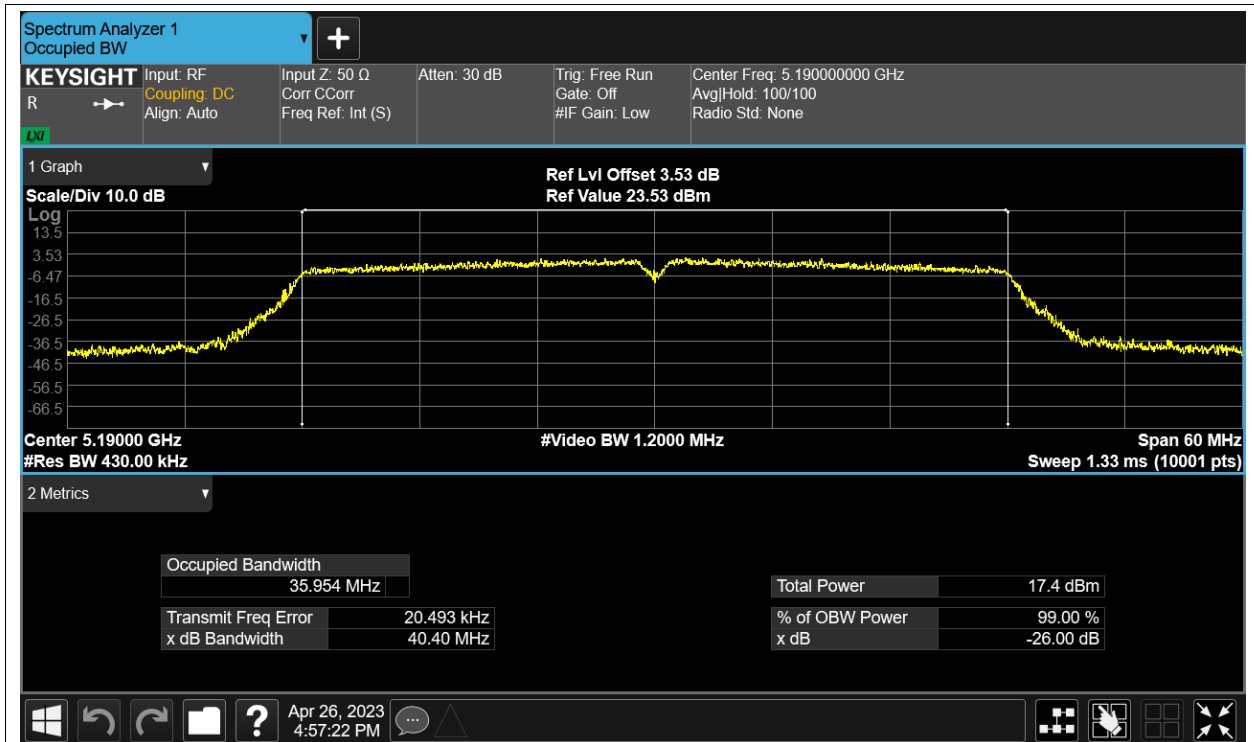
OBW NVNT ac20 5200MHz Ant6



OBW NVNT ac20 5240MHz Ant6



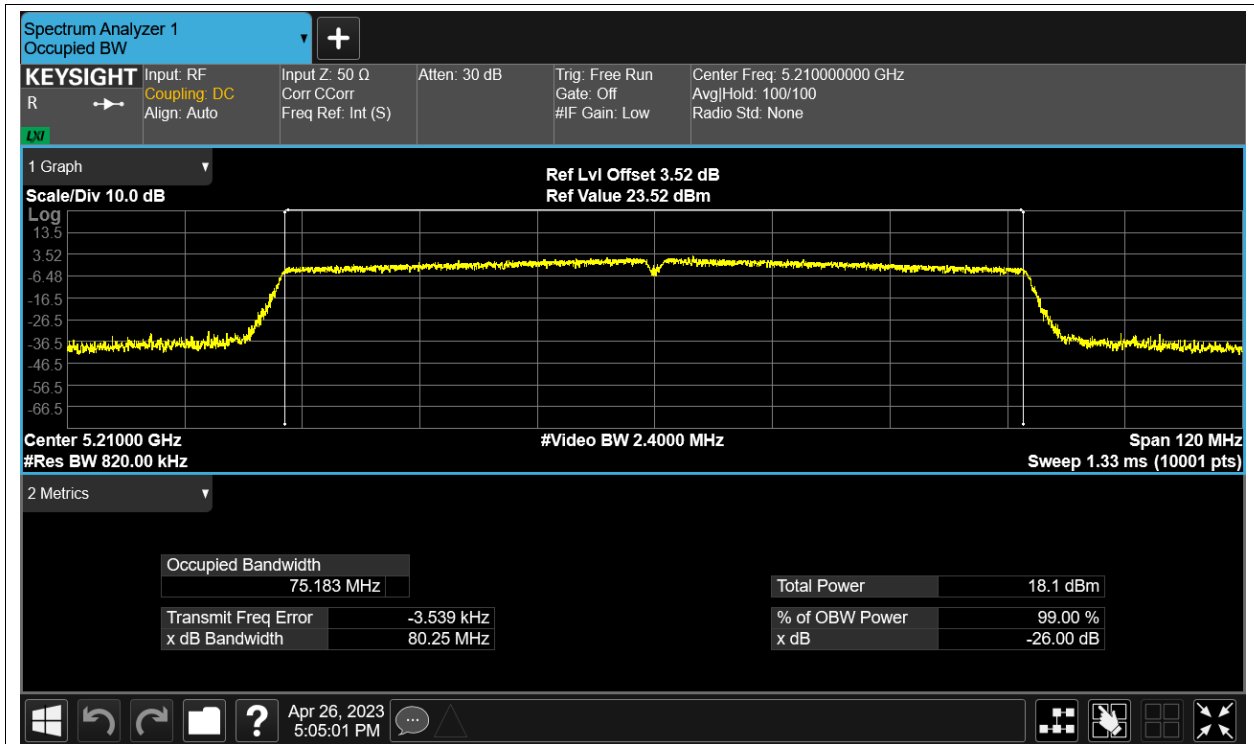
OBW NVNT ac40 5190MHz Ant6



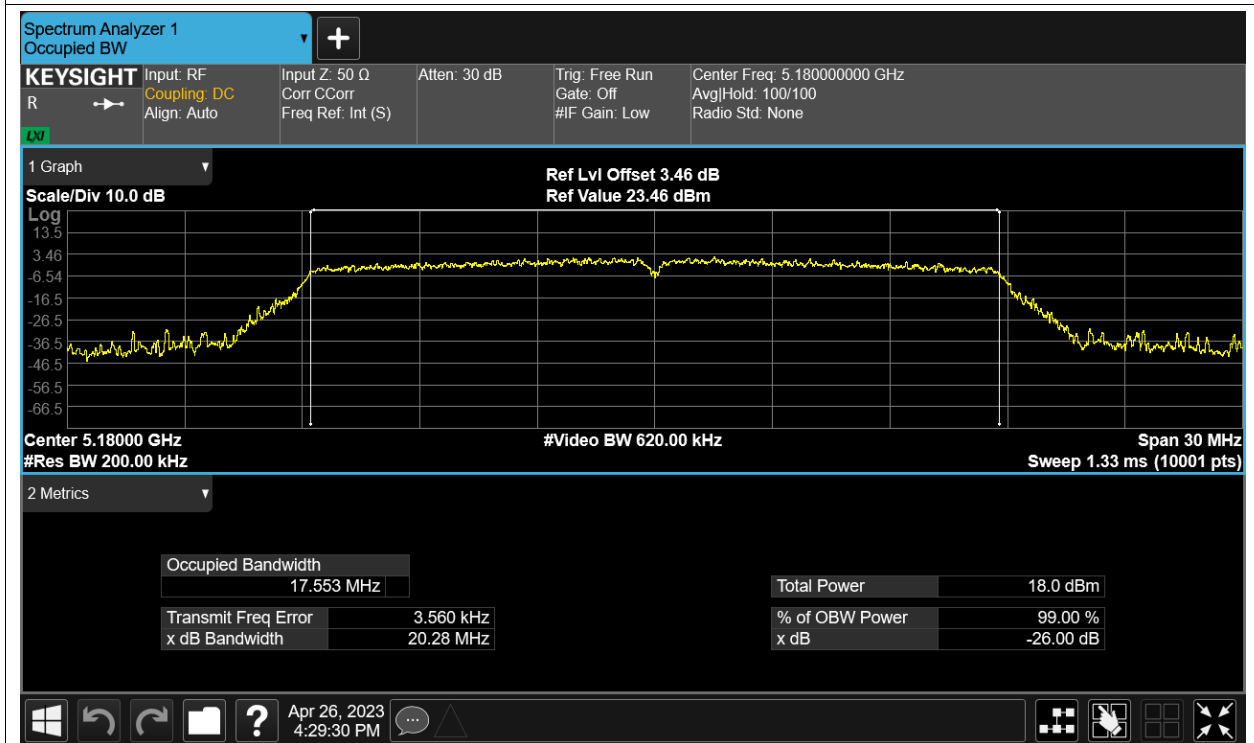
OBW NVNT ac40 5230MHz Ant6



OBW NVNT ac80 5210MHz Ant6



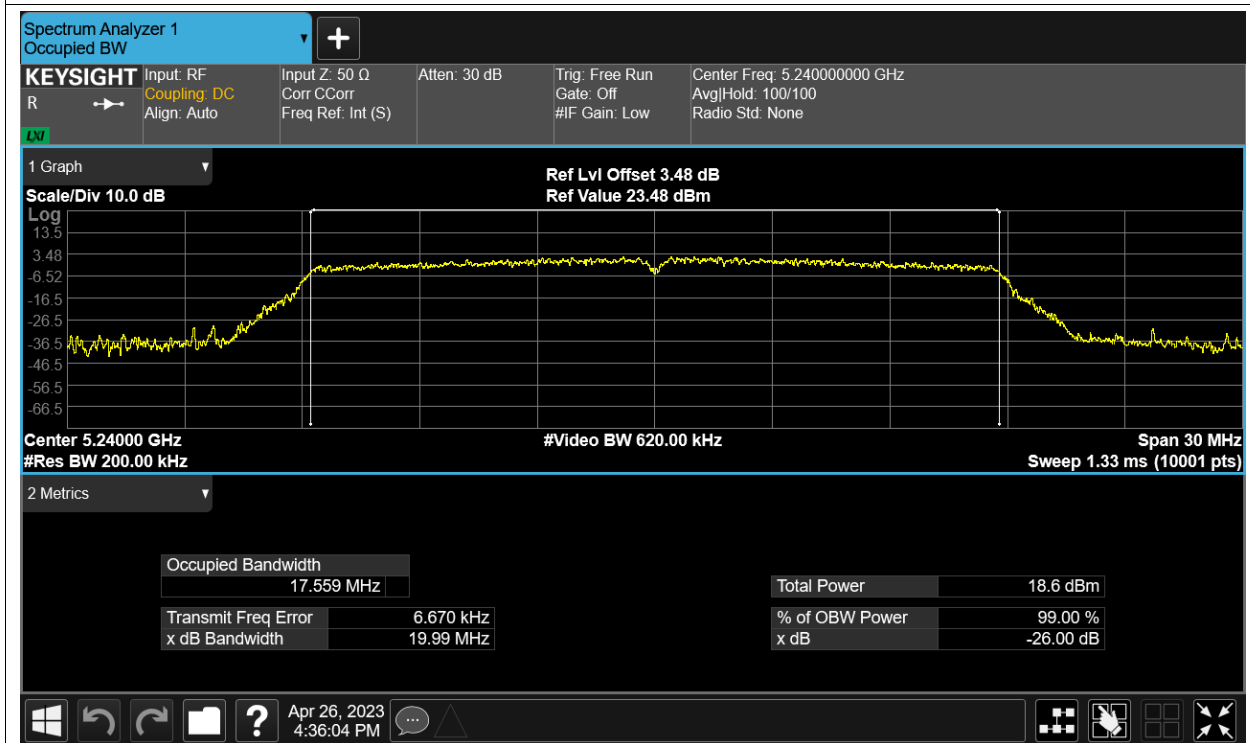
OBW NVNT n20 5180MHz Ant6



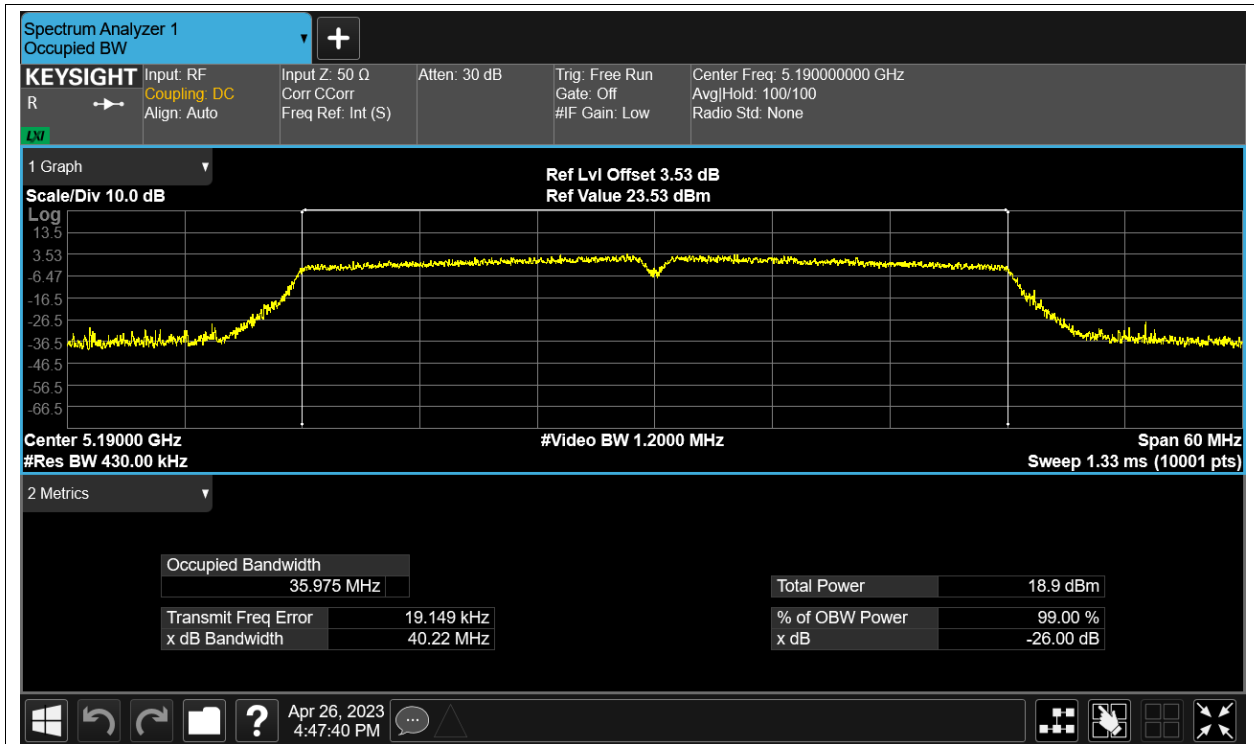
OBW NVNT n20 5200MHz Ant6



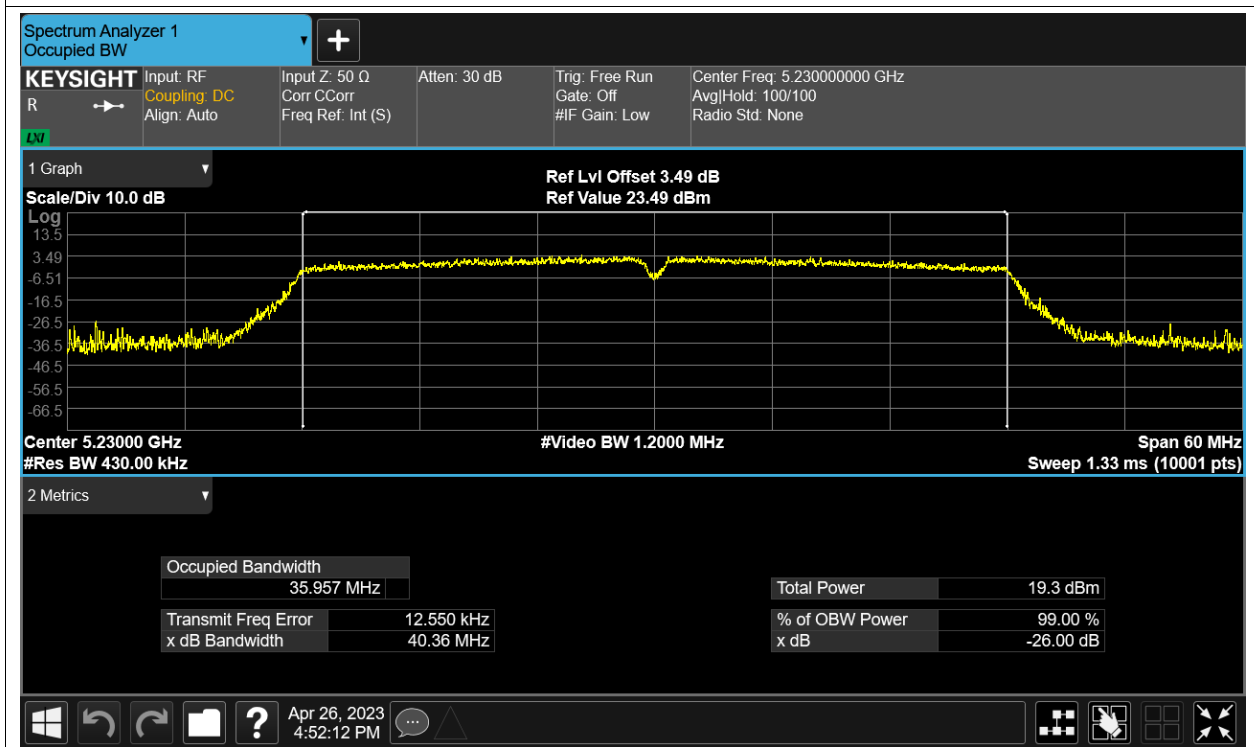
OBW NVNT n20 5240MHz Ant6



OBW NVNT n40 5190MHz Ant6



OBW NVNT n40 5230MHz Ant6

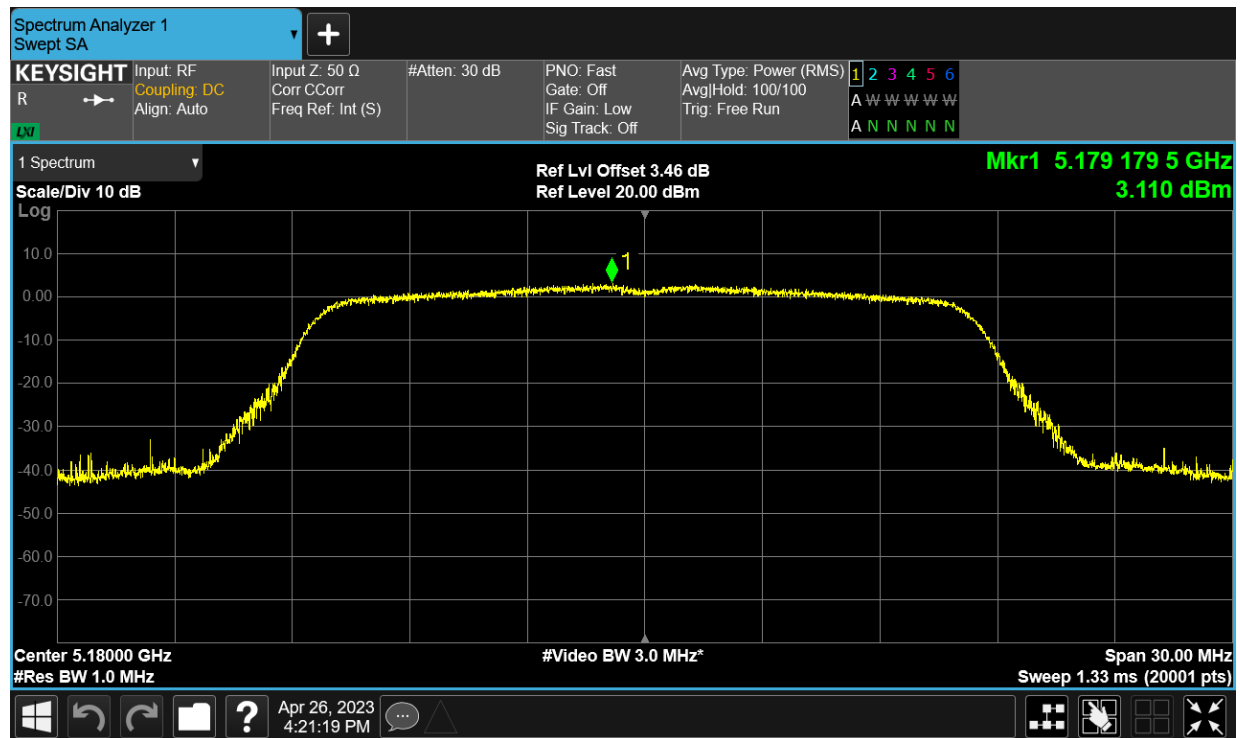


Maximum Power Spectral Density Level

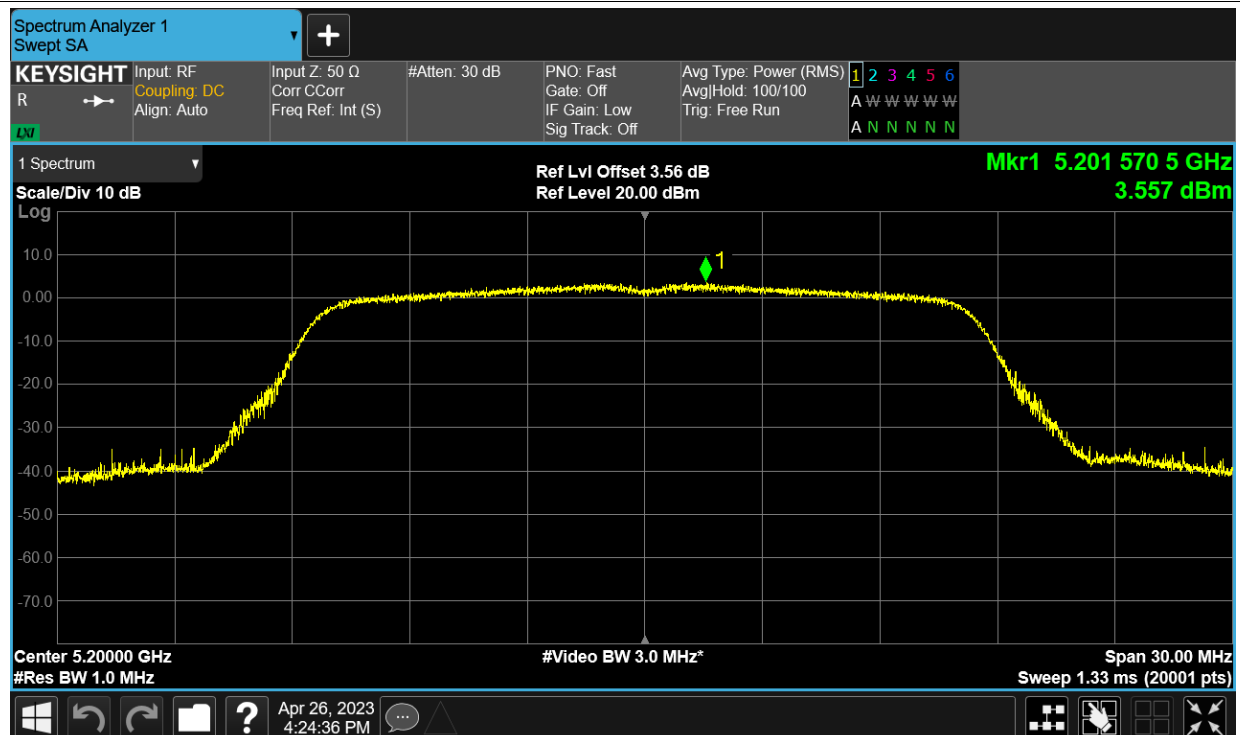
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant6	3.11	11	Pass
NVNT	a	5200	Ant6	3.557	11	Pass
NVNT	a	5240	Ant6	3.564	11	Pass
NVNT	ac20	5180	Ant6	1.696	11	Pass
NVNT	ac20	5200	Ant6	1.964	11	Pass
NVNT	ac20	5240	Ant6	2.414	11	Pass
NVNT	ac40	5190	Ant6	-0.972	11	Pass
NVNT	ac40	5230	Ant6	-0.824	11	Pass
NVNT	ac80	5210	Ant6	-3.956	11	Pass
NVNT	n20	5180	Ant6	2.724	11	Pass
NVNT	n20	5200	Ant6	3.001	11	Pass
NVNT	n20	5240	Ant6	3.309	11	Pass
NVNT	n40	5190	Ant6	0.564	11	Pass
NVNT	n40	5230	Ant6	1.109	11	Pass

Test Graphs

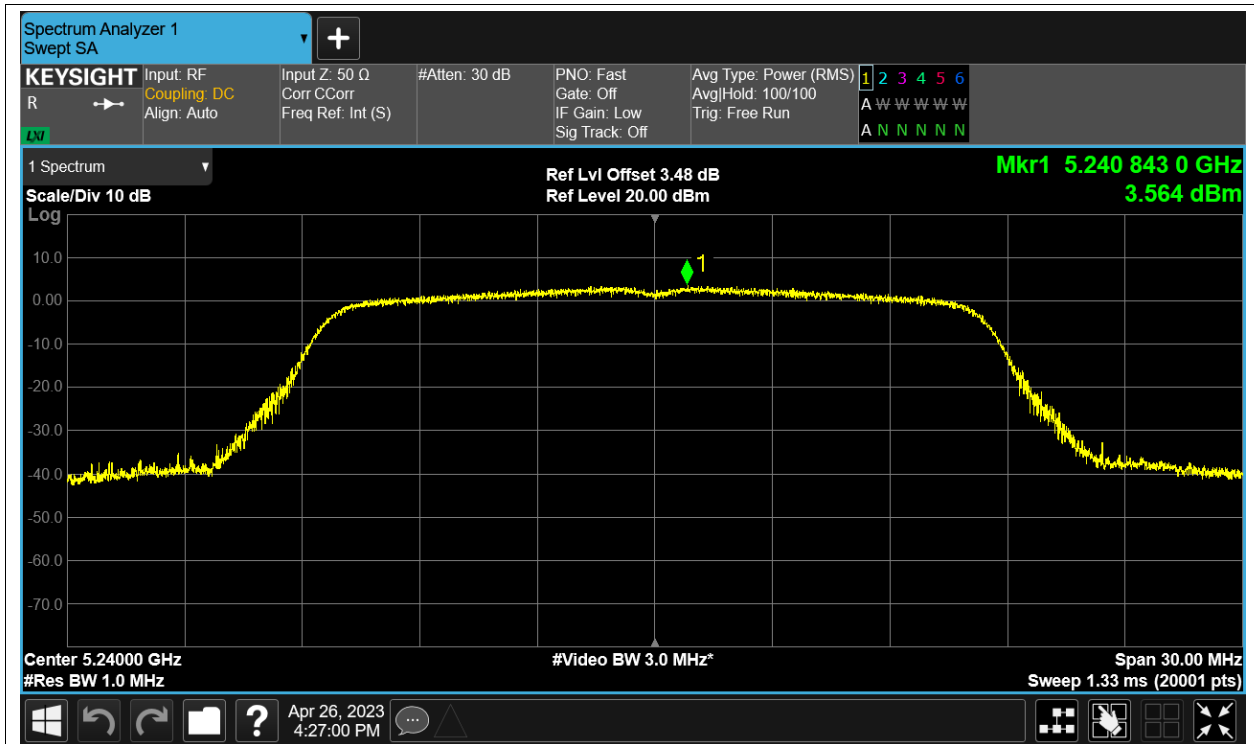
PSD NVNT a 5180MHz Ant6



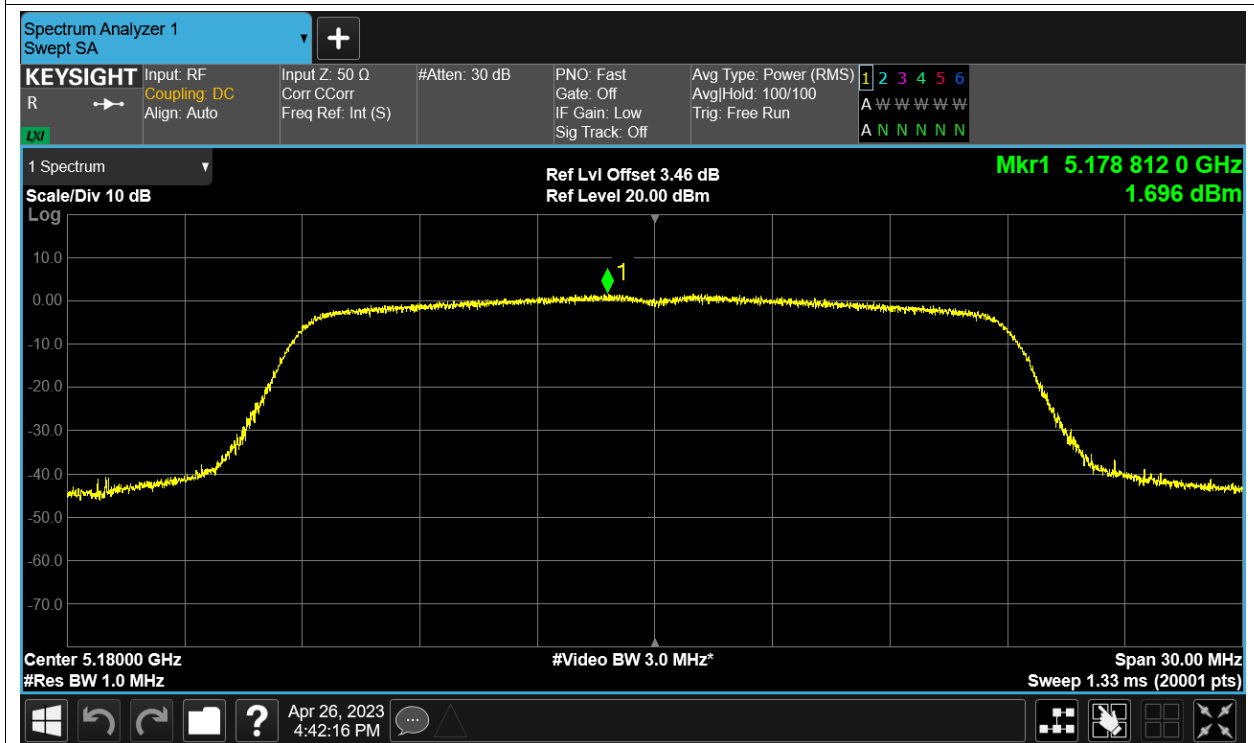
PSD NVNT a 5200MHz Ant6



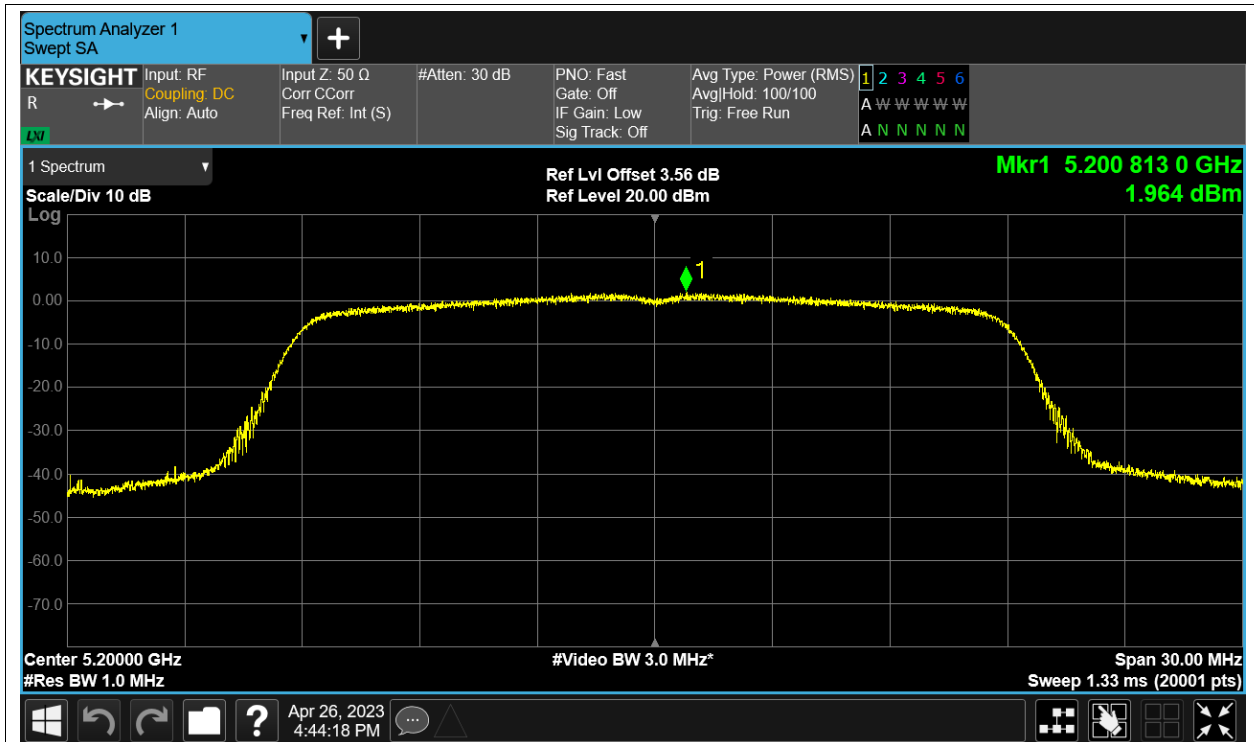
PSD NVNT a 5240MHz Ant6



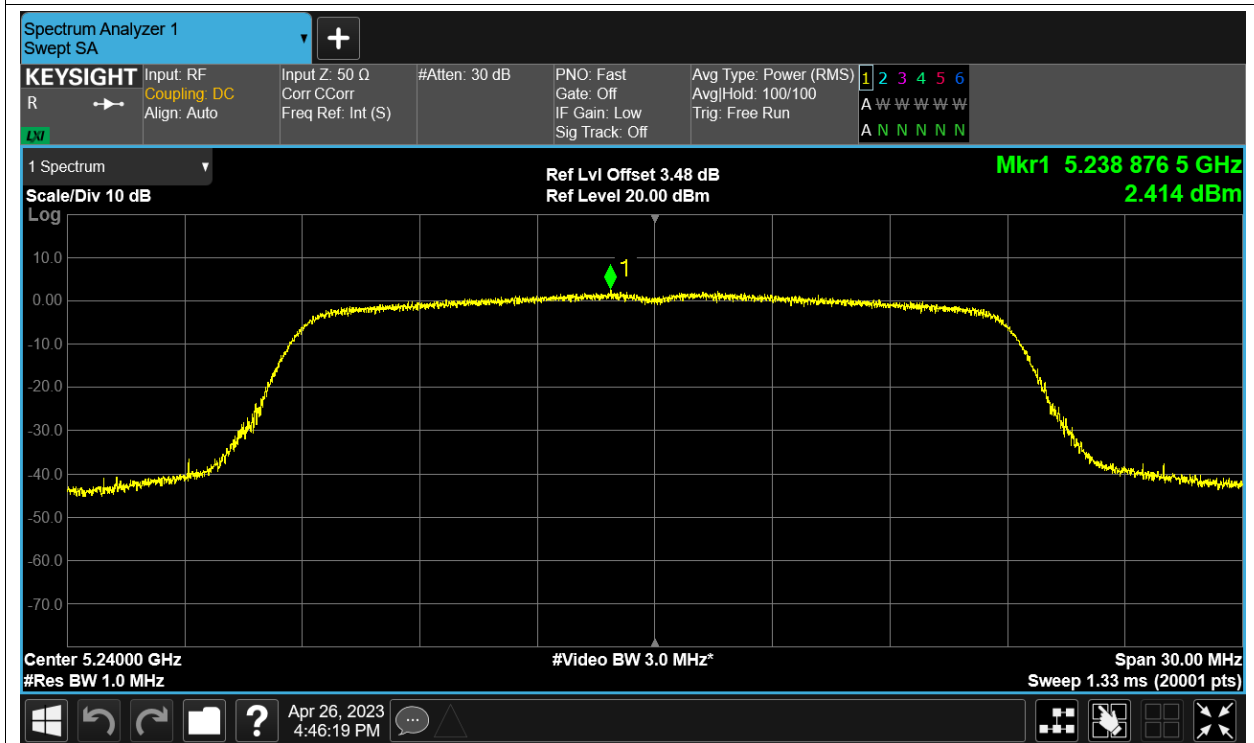
PSD NVNT ac20 5180MHz Ant6



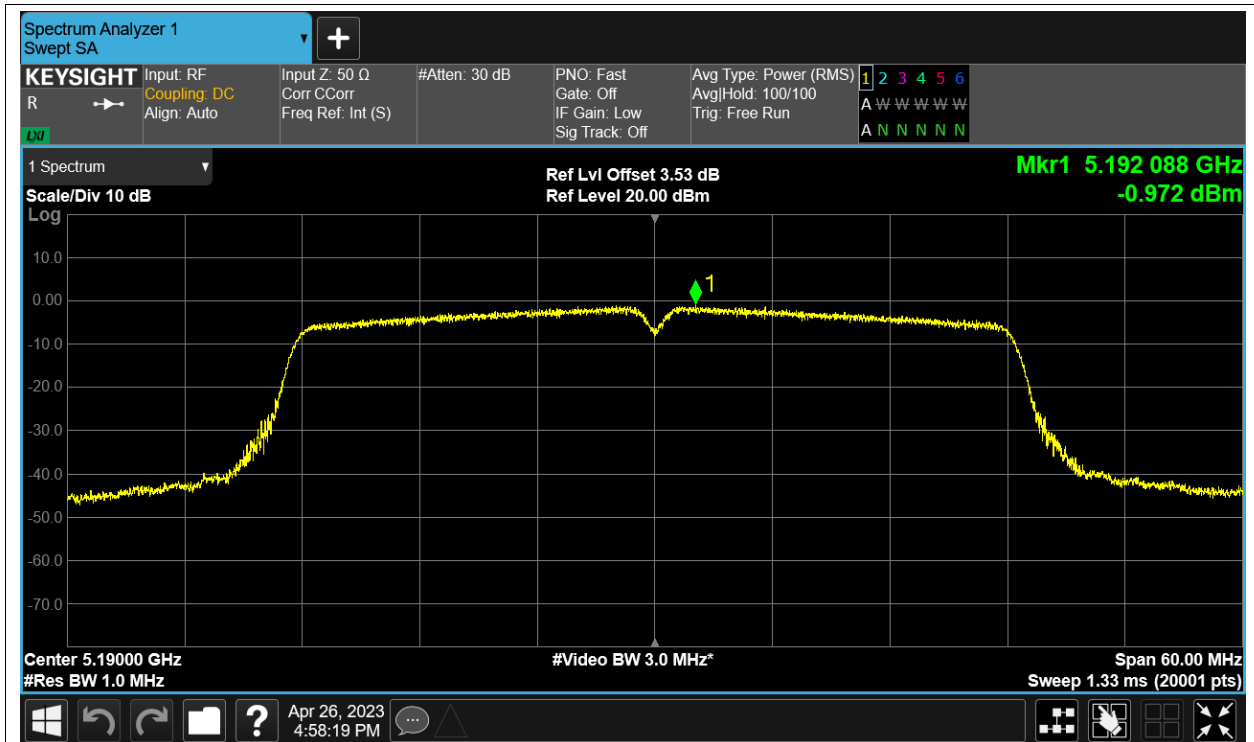
PSD NVNT ac20 5200MHz Ant6



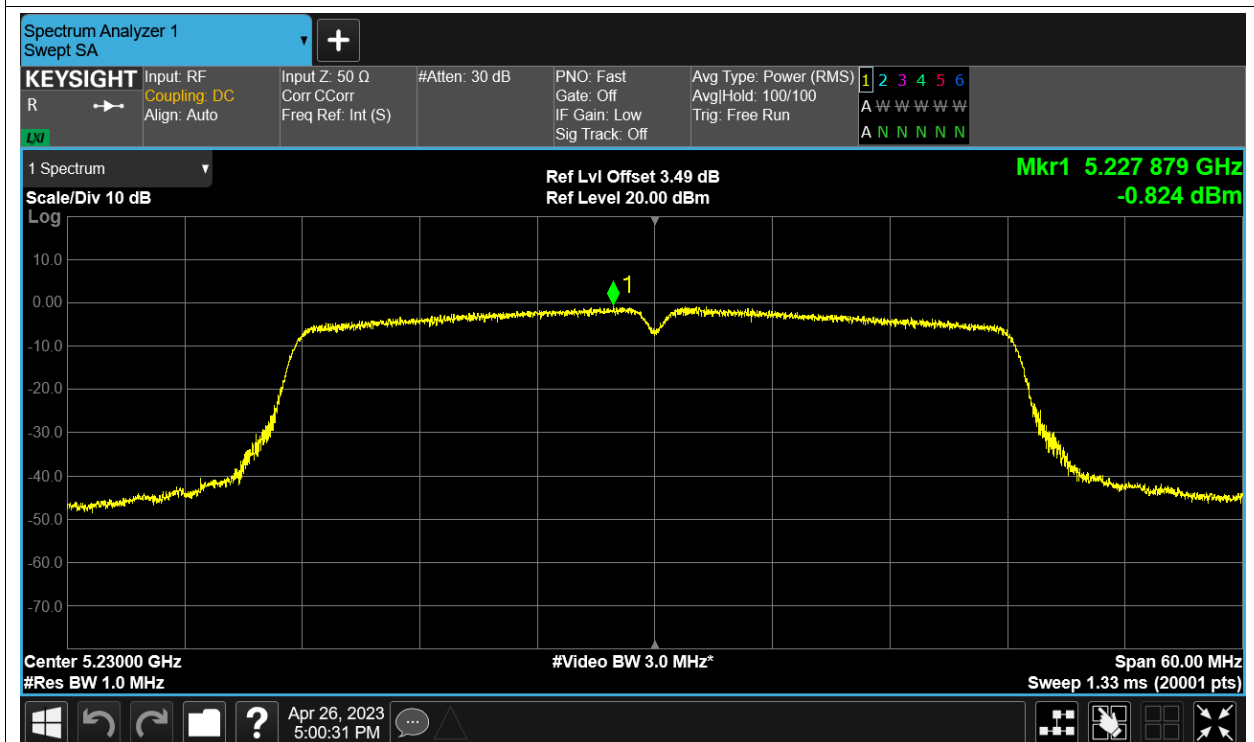
PSD NVNT ac20 5240MHz Ant6



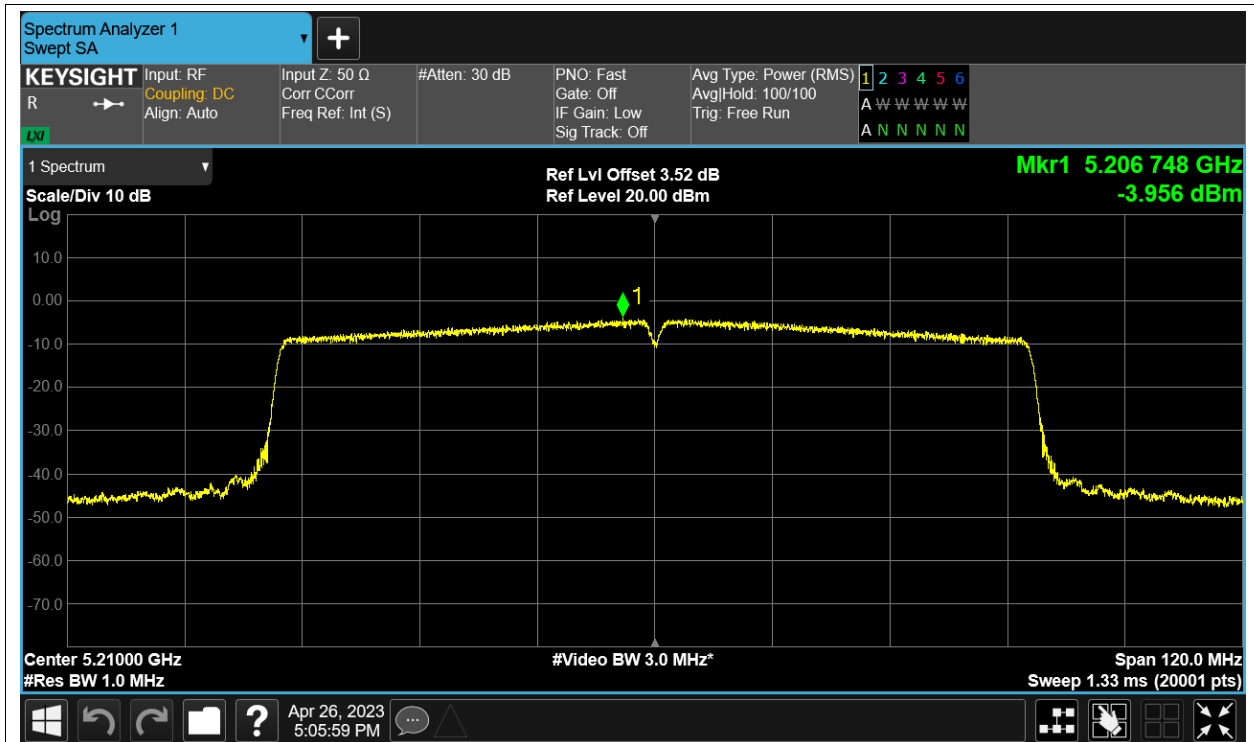
PSD NVNT ac40 5190MHz Ant6



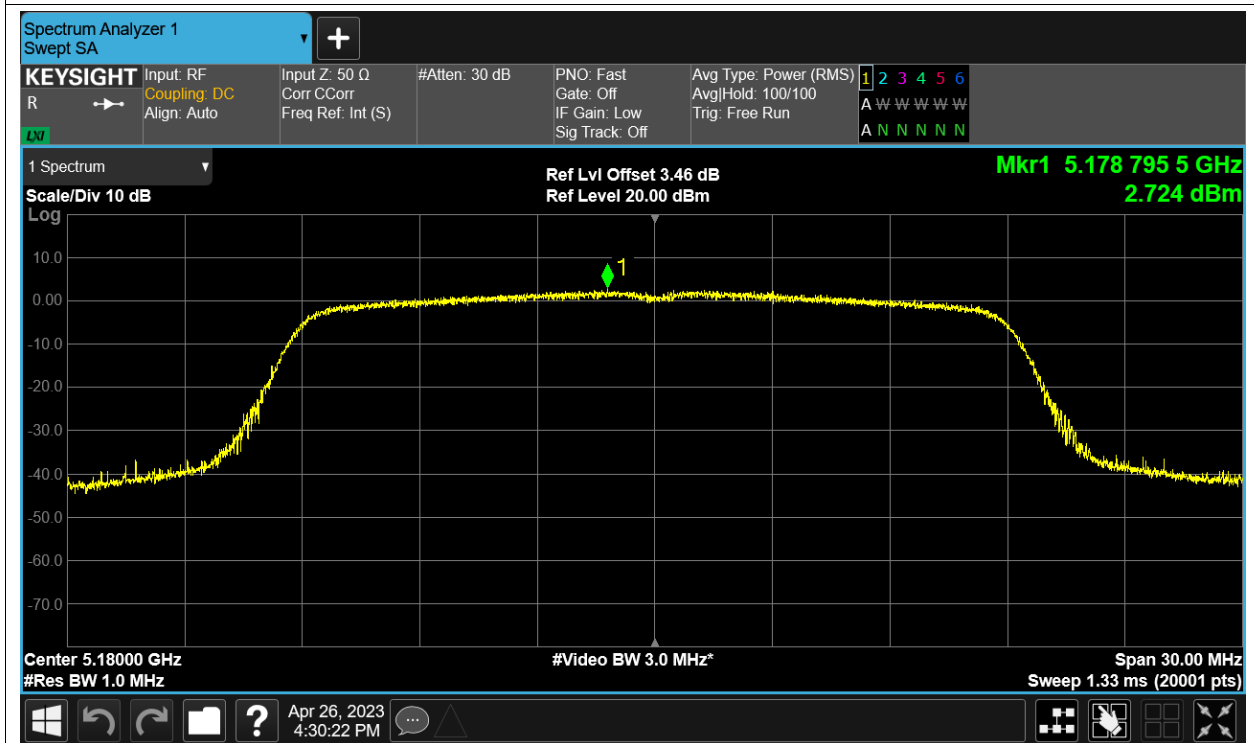
PSD NVNT ac40 5230MHz Ant6



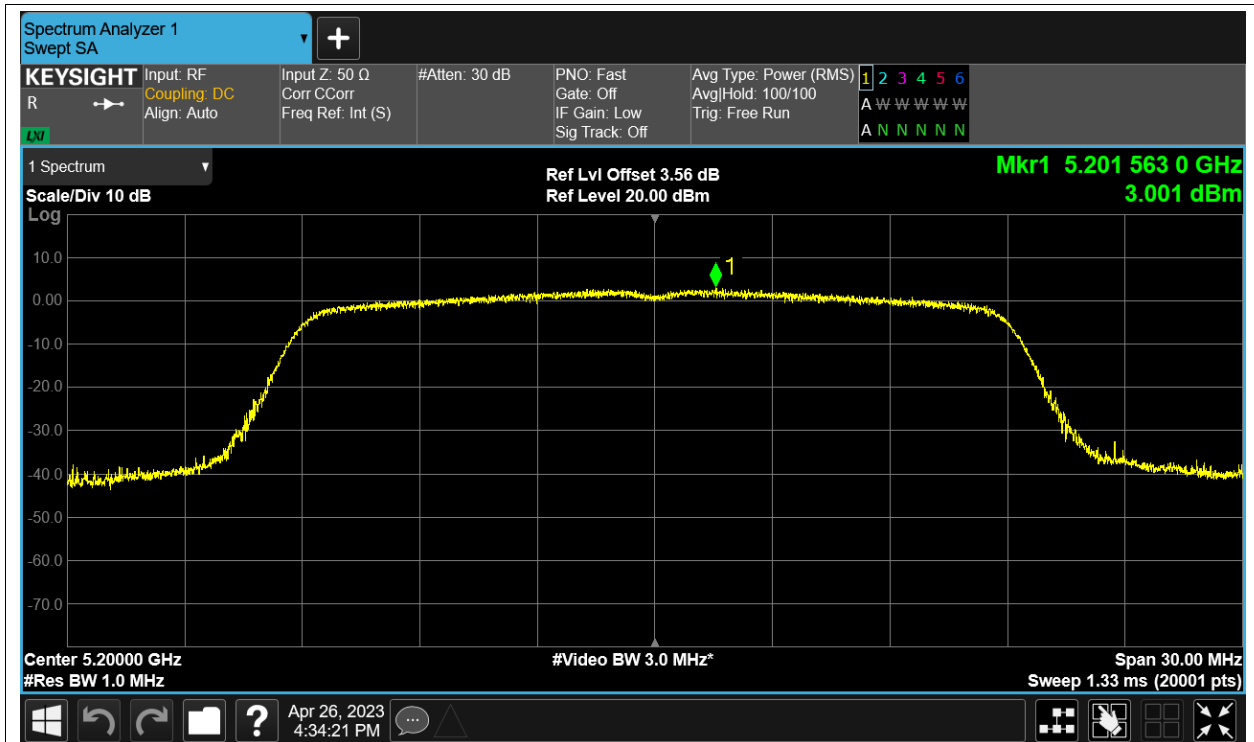
PSD NVNT ac80 5210MHz Ant6



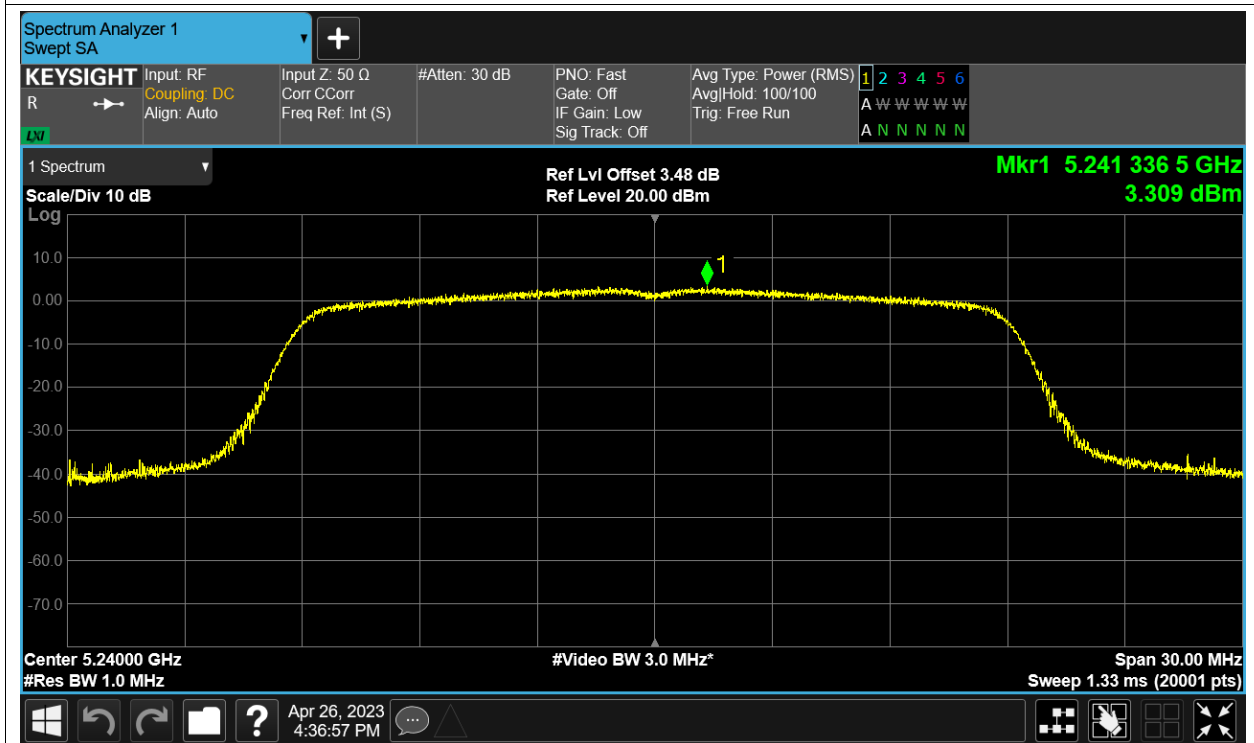
PSD NVNT n20 5180MHz Ant6



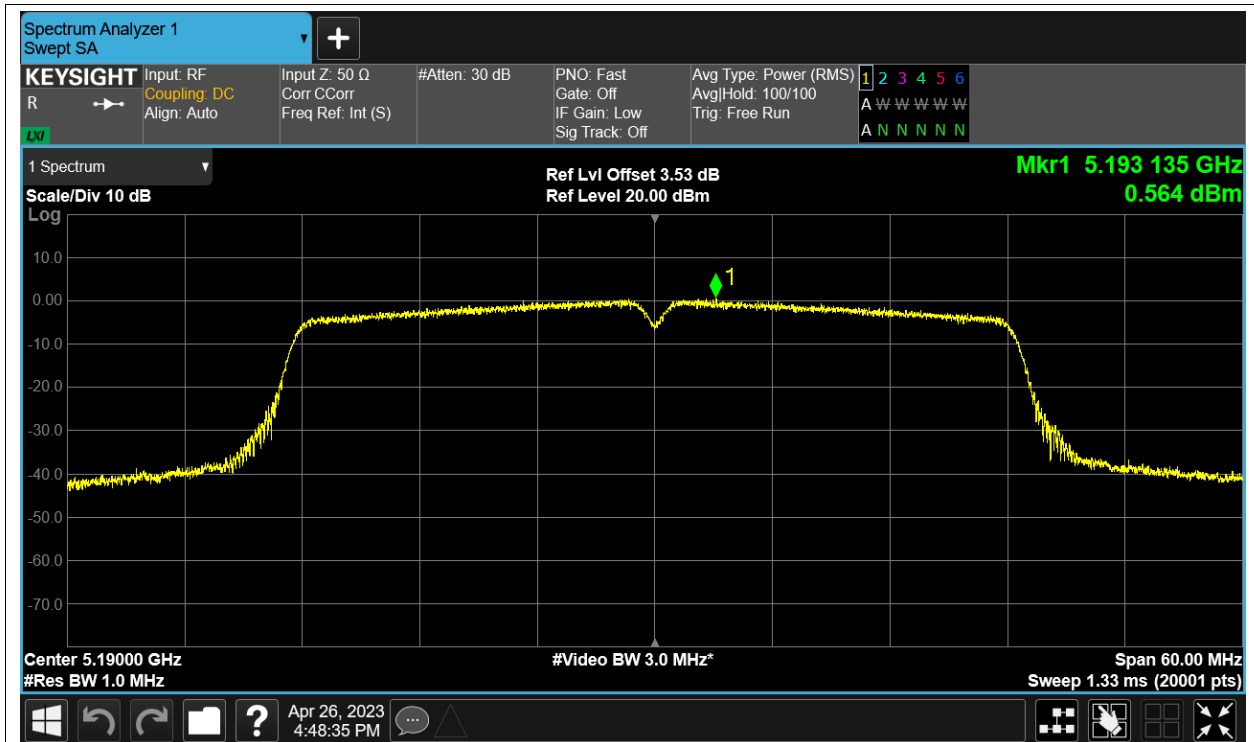
PSD NVNT n20 5200MHz Ant6



PSD NVNT n20 5240MHz Ant6



PSD NVNT n40 5190MHz Ant6



PSD NVNT n40 5230MHz Ant6

