

Test Data

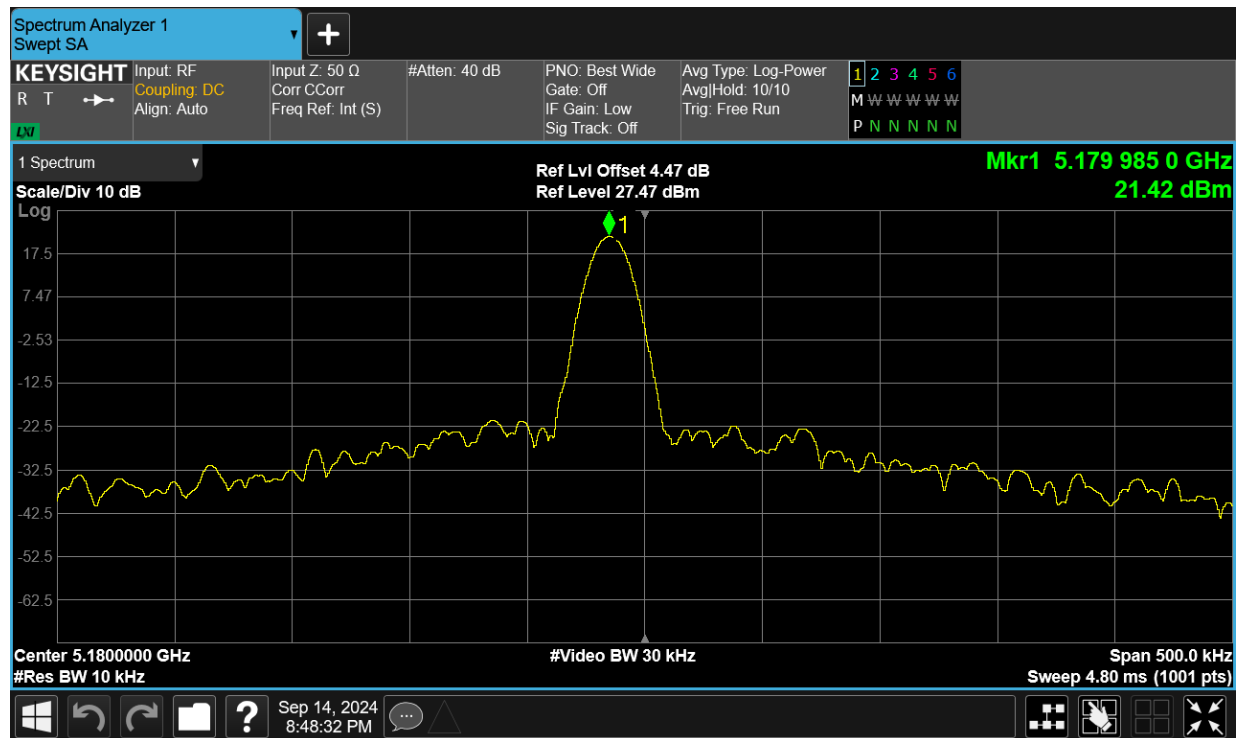
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant0	5179.985	-2.9	Within authorized band	Pass
LVNT	a	5180	Ant0	5179.9855	-2.8		Pass
NVHT	a	5180	Ant0	5179.9855	-2.8		Pass
NVLT	a	5180	Ant0	5179.9855	-2.8		Pass
NVNT	a	5180	Ant0	5179.986	-2.7		Pass
HVNT	ac80	5210	Ant0	5209.985	-2.88		Pass
LVNT	ac80	5210	Ant0	5209.9855	-2.78		Pass
NVHT	ac80	5210	Ant0	5209.9855	-2.78		Pass
NVLT	ac80	5210	Ant0	5209.986	-2.69		Pass
NVNT	ac80	5210	Ant0	5209.986789631	-2.54		Pass
HVNT	n40	5190	Ant0	5189.985	-2.89		Pass
LVNT	n40	5190	Ant0	5189.985	-2.89		Pass
NVHT	n40	5190	Ant0	5189.9855	-2.79		Pass
NVLT	n40	5190	Ant0	5189.9855	-2.79		Pass
NVNT	n40	5190	Ant0	5189.986	-2.7		Pass

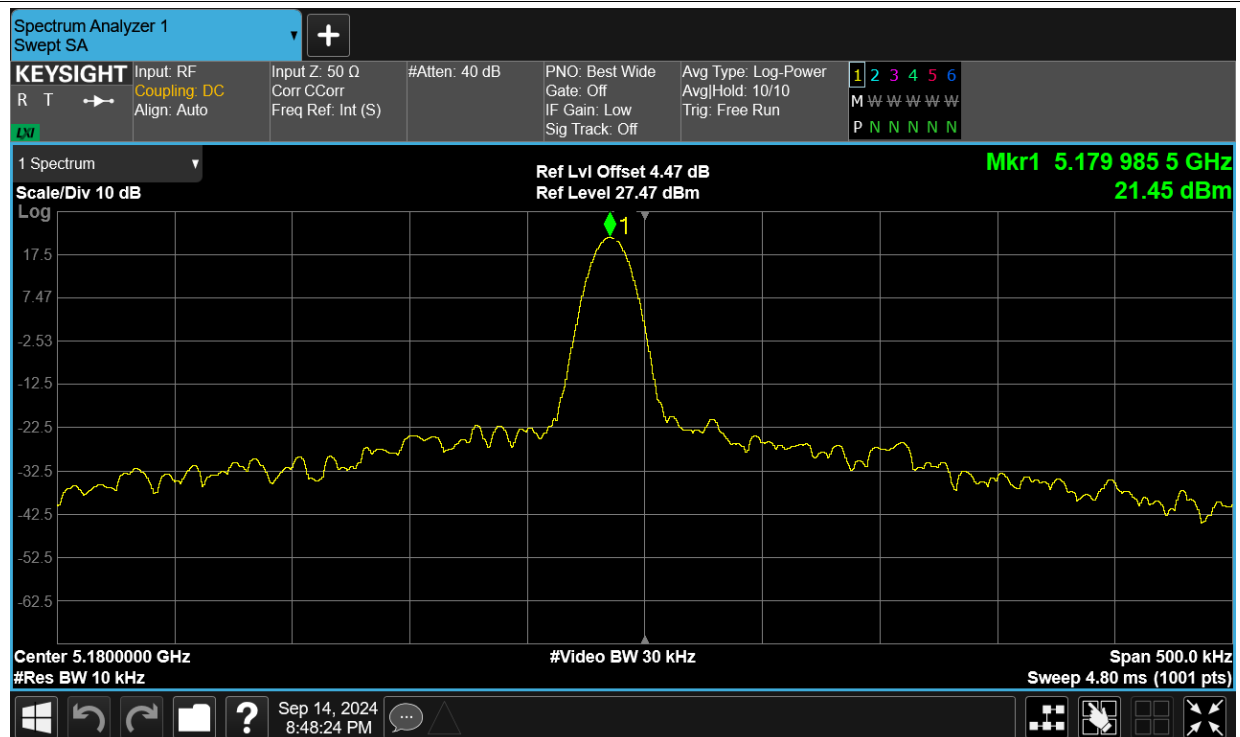
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

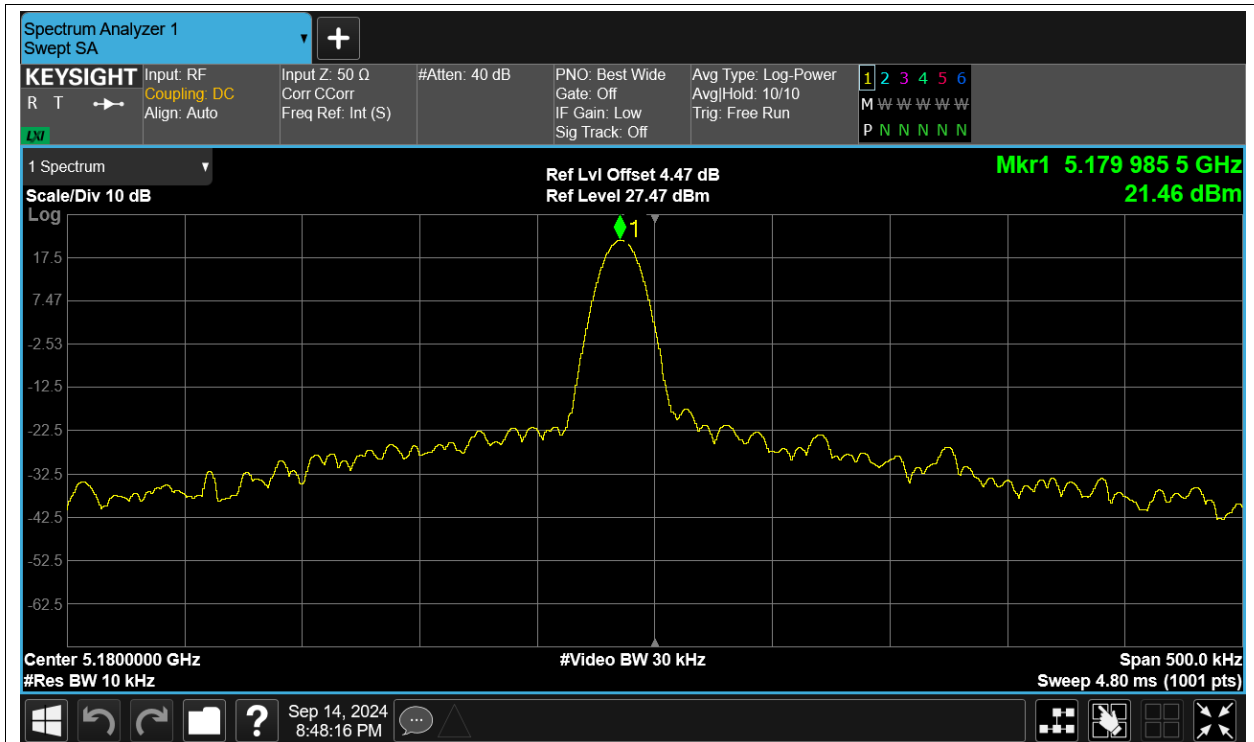
Freq. Stability HVNT a 5180MHz Ant0



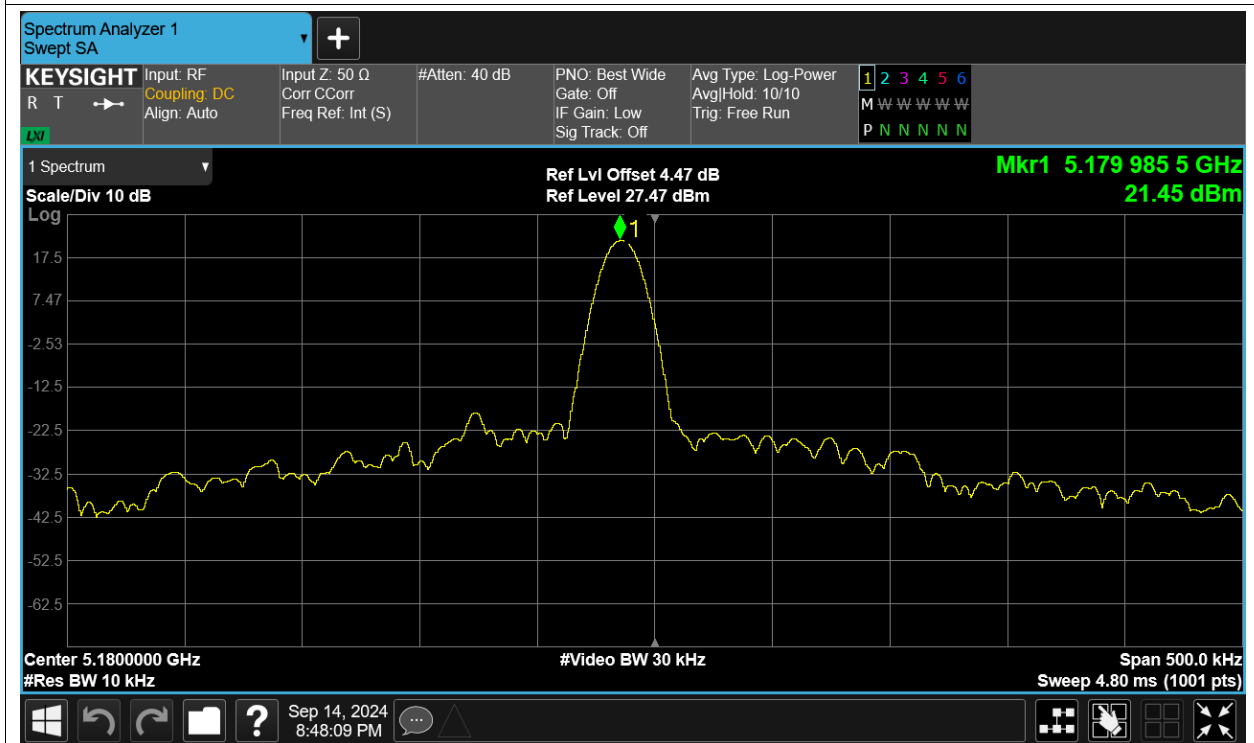
Freq. Stability LVNT a 5180MHz Ant0



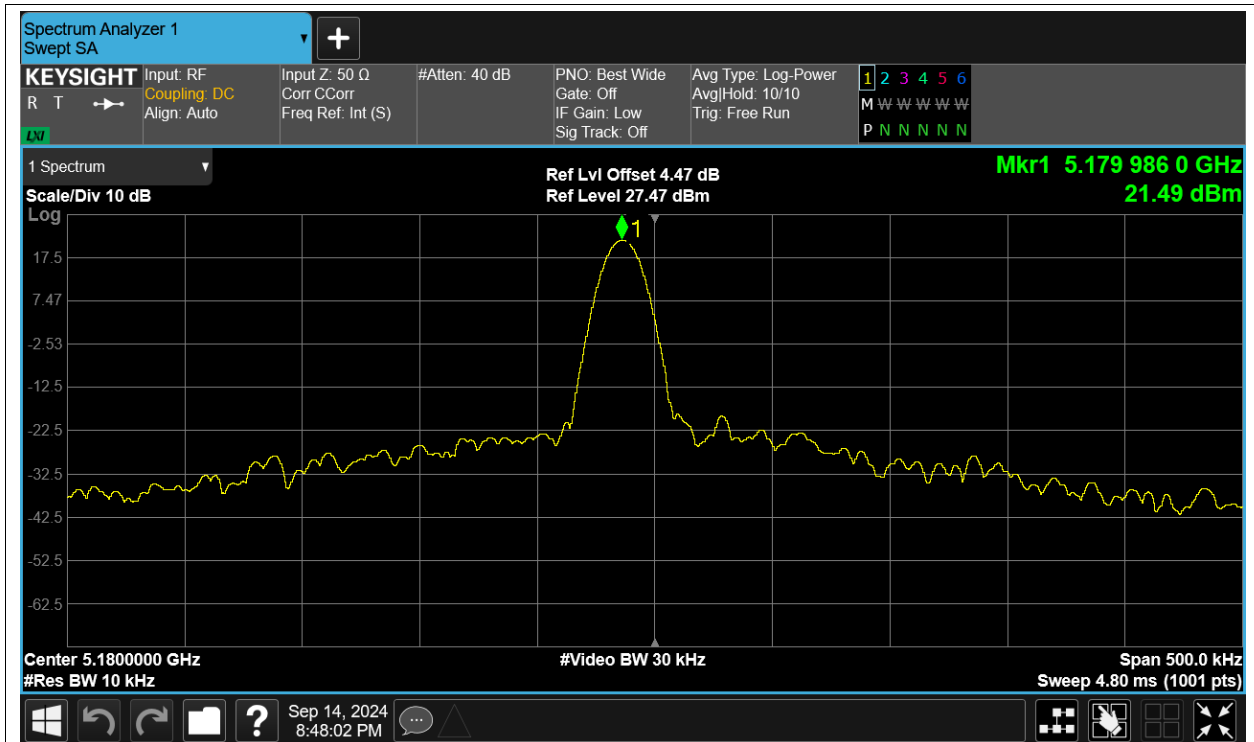
Freq. Stability NVHT a 5180MHz Ant0



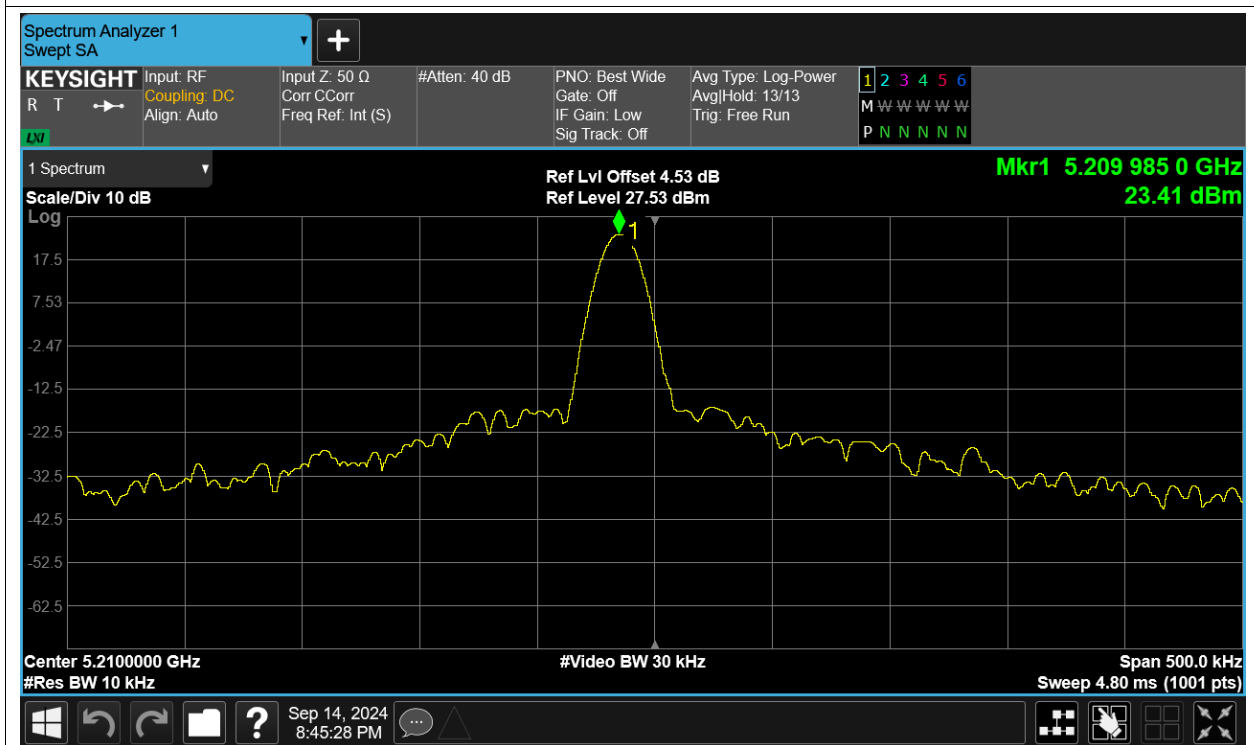
Freq. Stability NVLT a 5180MHz Ant0



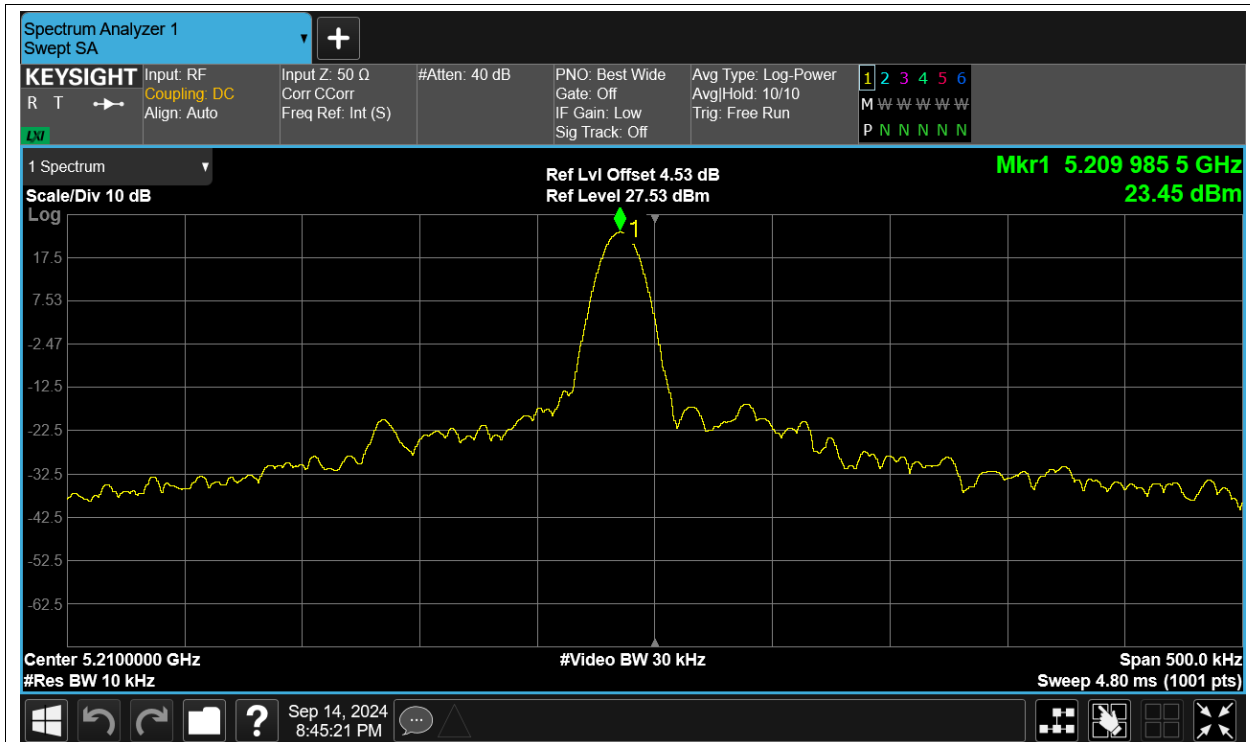
Freq. Stability NVNT a 5180MHz Ant0



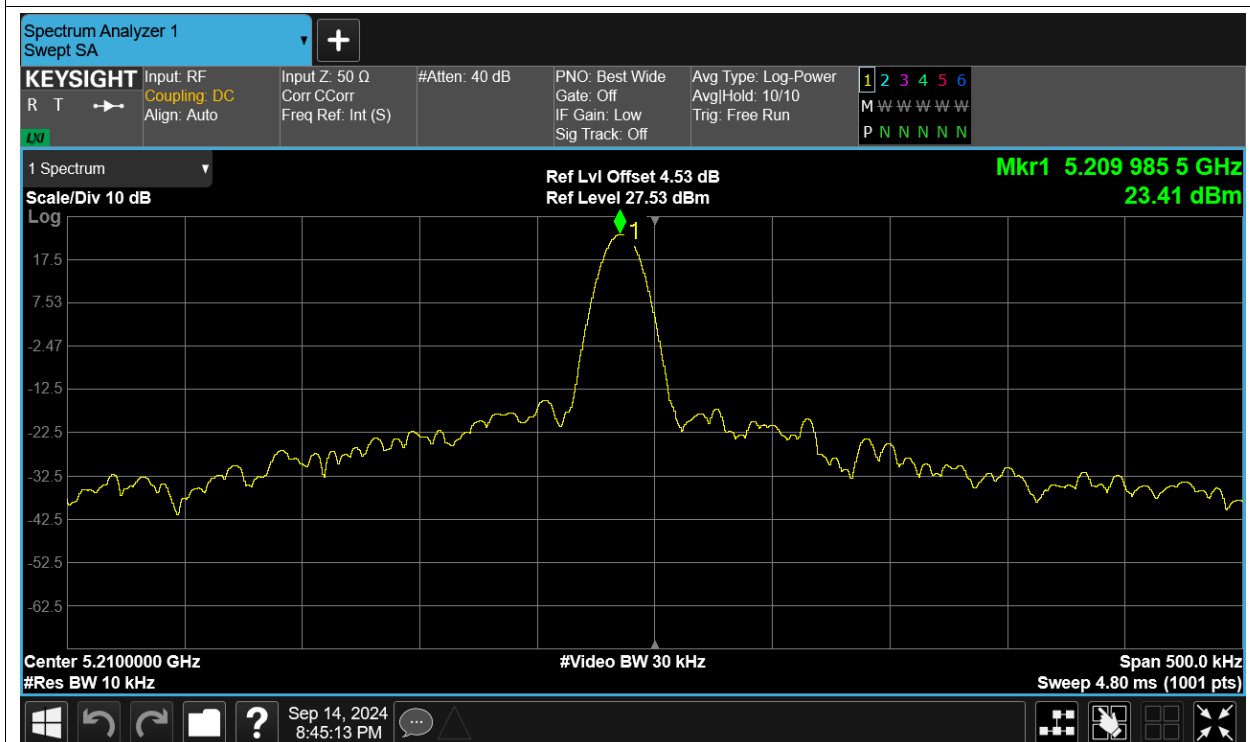
Freq. Stability HVNT ac80 5210MHz Ant0



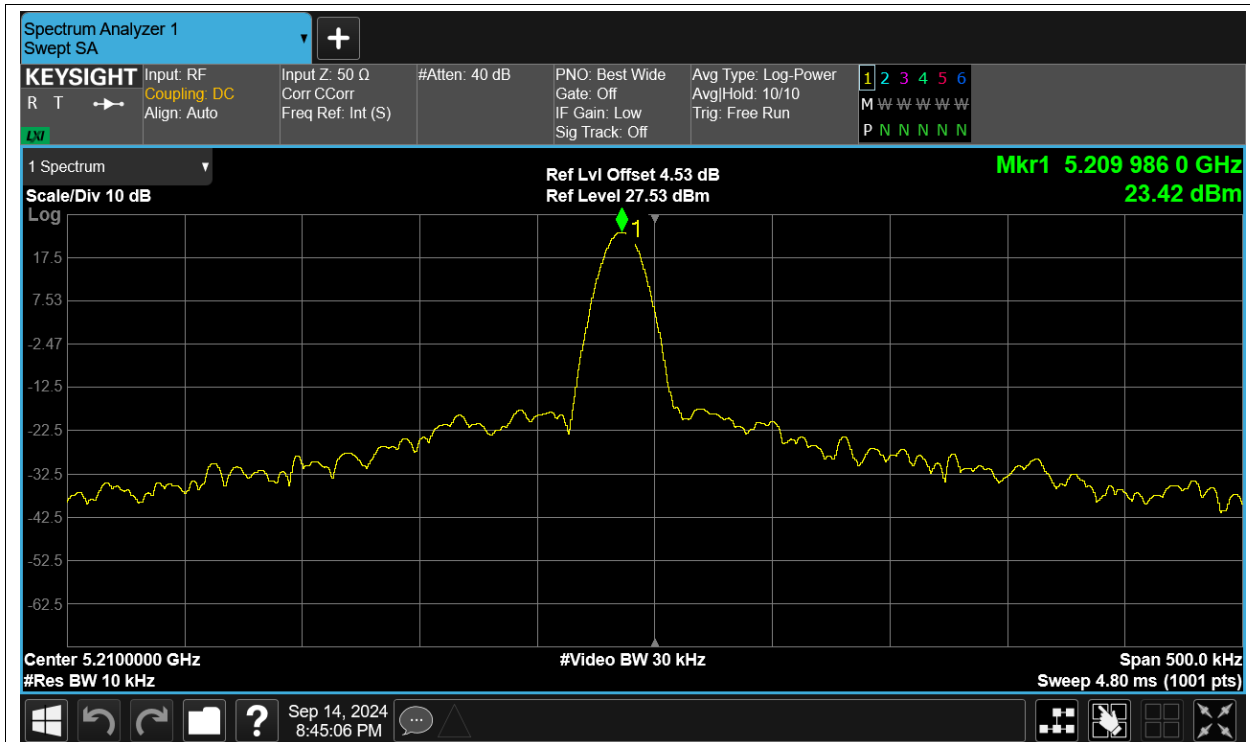
Freq. Stability LVNT ac80 5210MHz Ant0



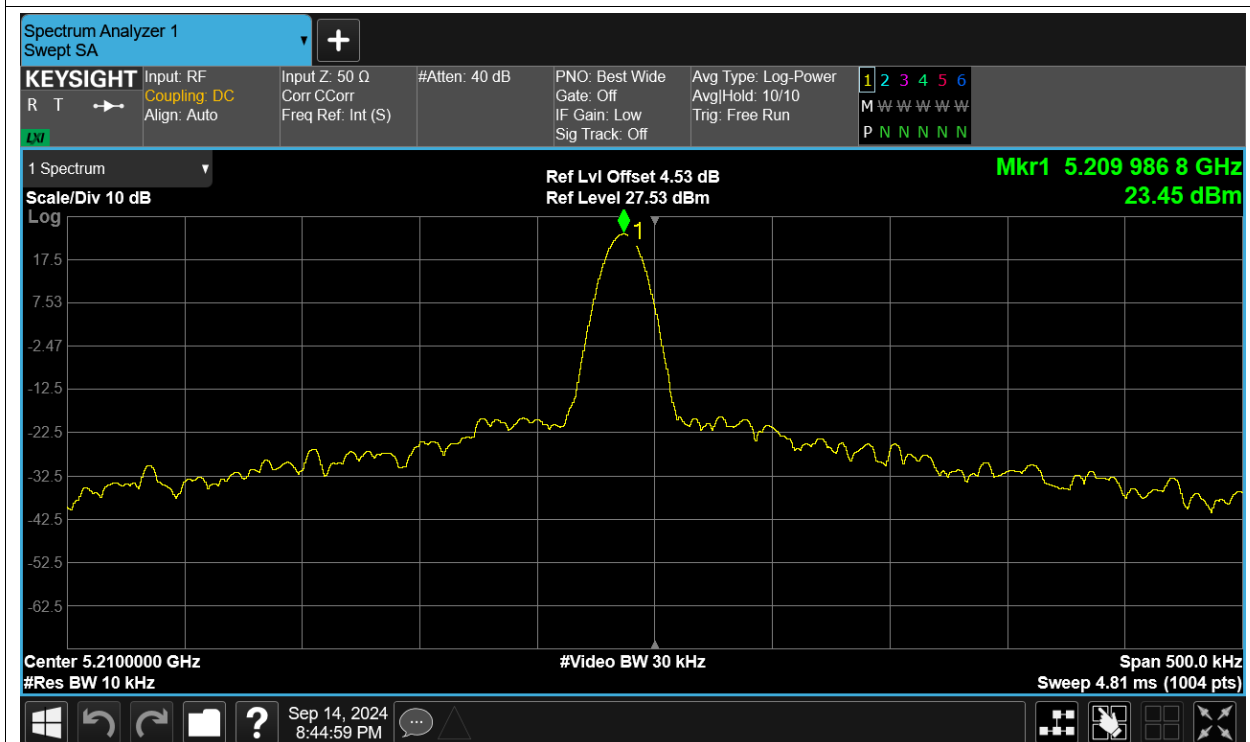
Freq. Stability NVHT ac80 5210MHz Ant0



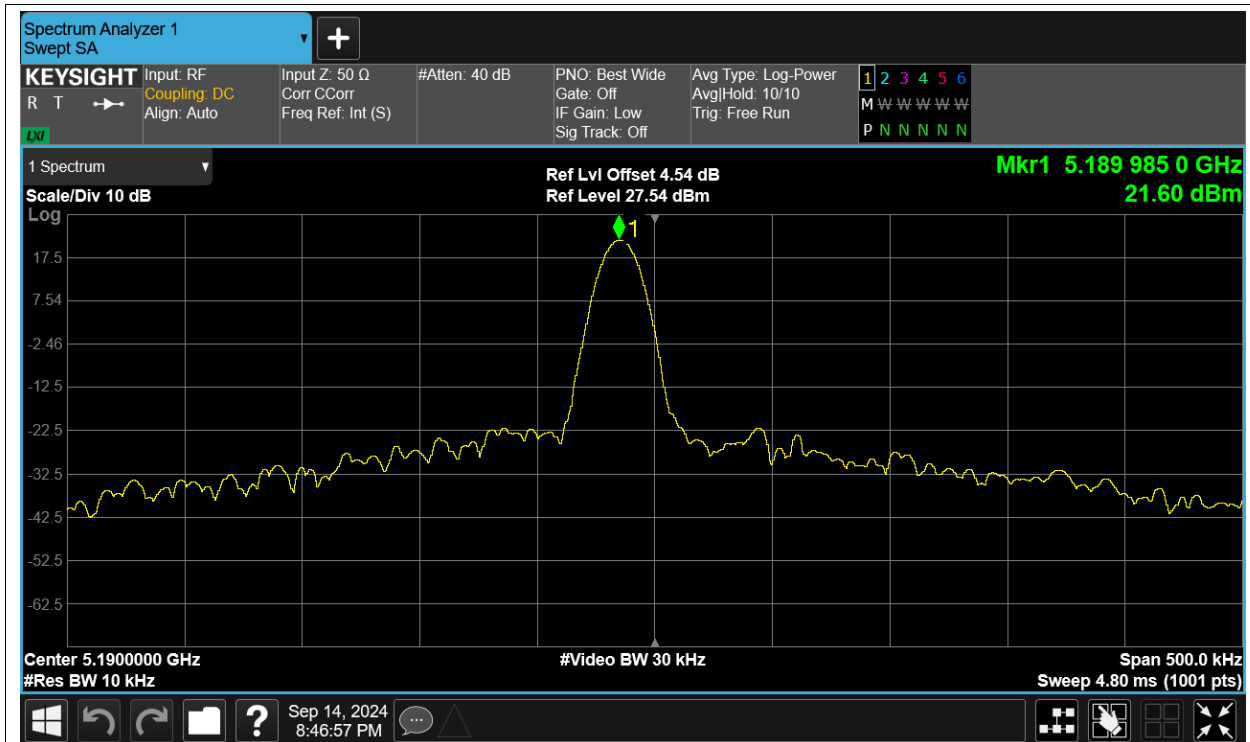
Freq. Stability NVLT ac80 5210MHz Ant0



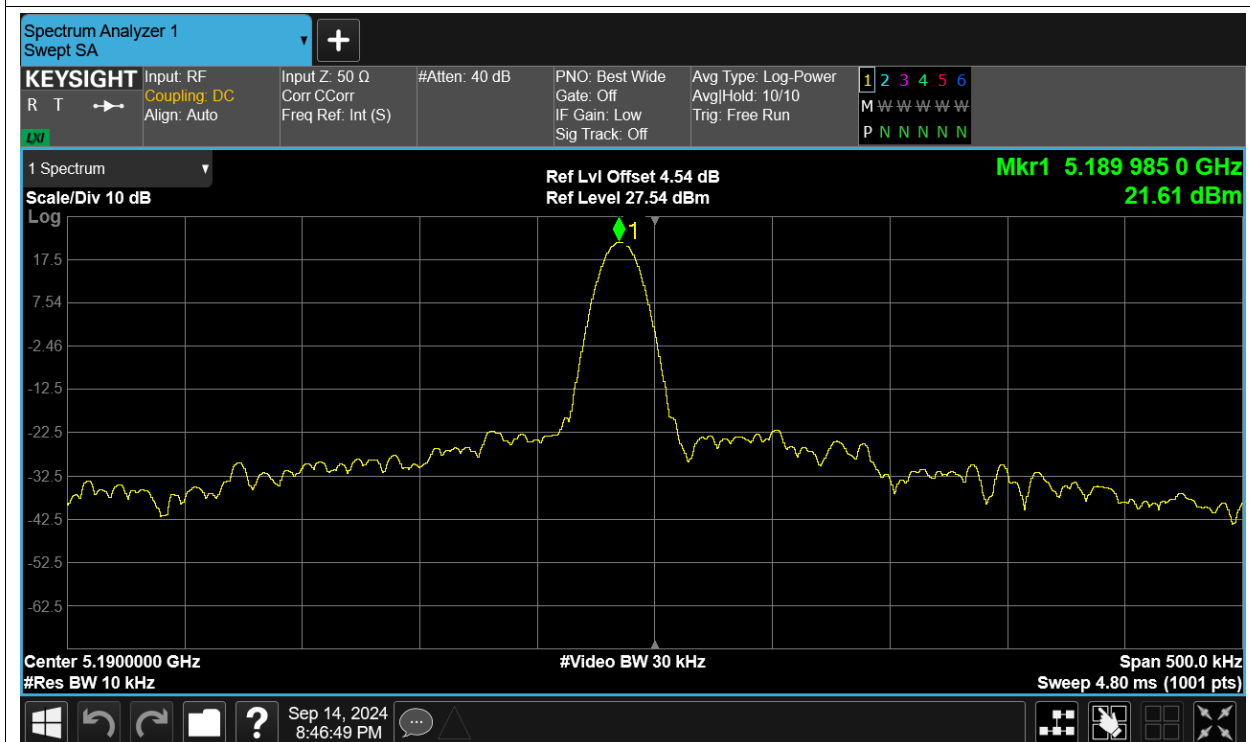
Freq. Stability NVNT ac80 5210MHz Ant0



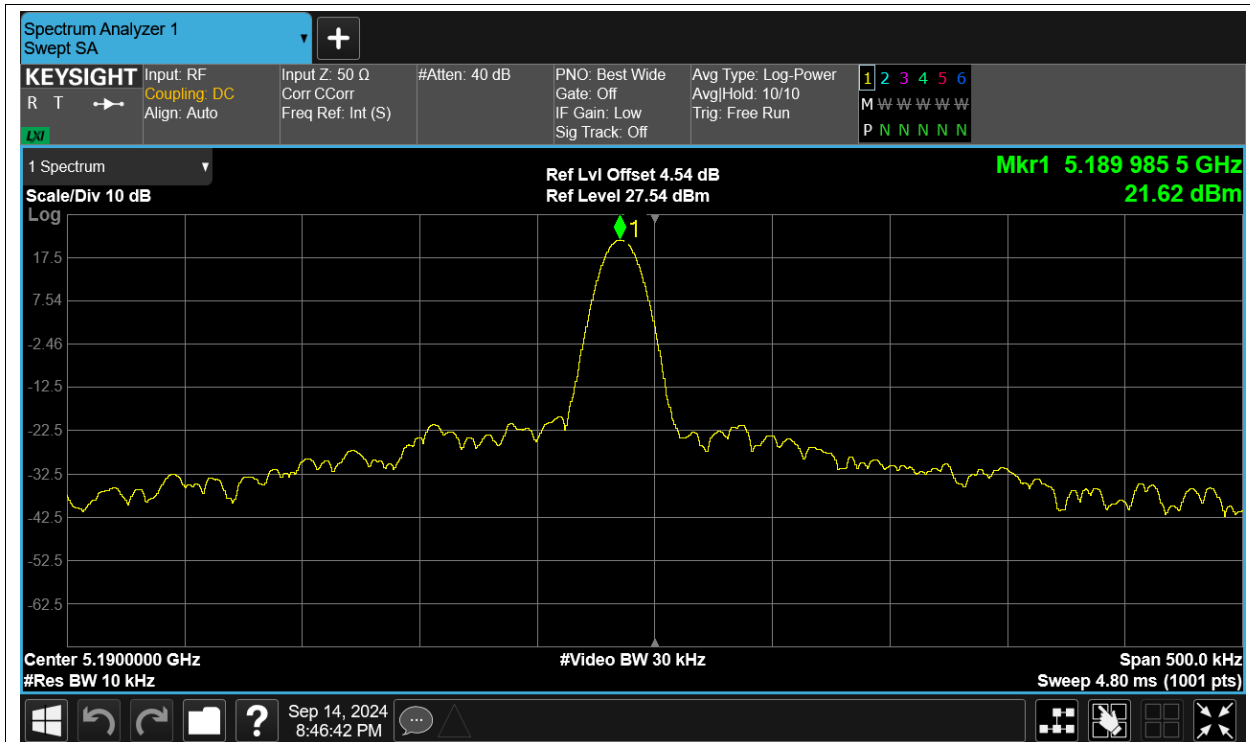
Freq. Stability HVNT n40 5190MHz Ant0



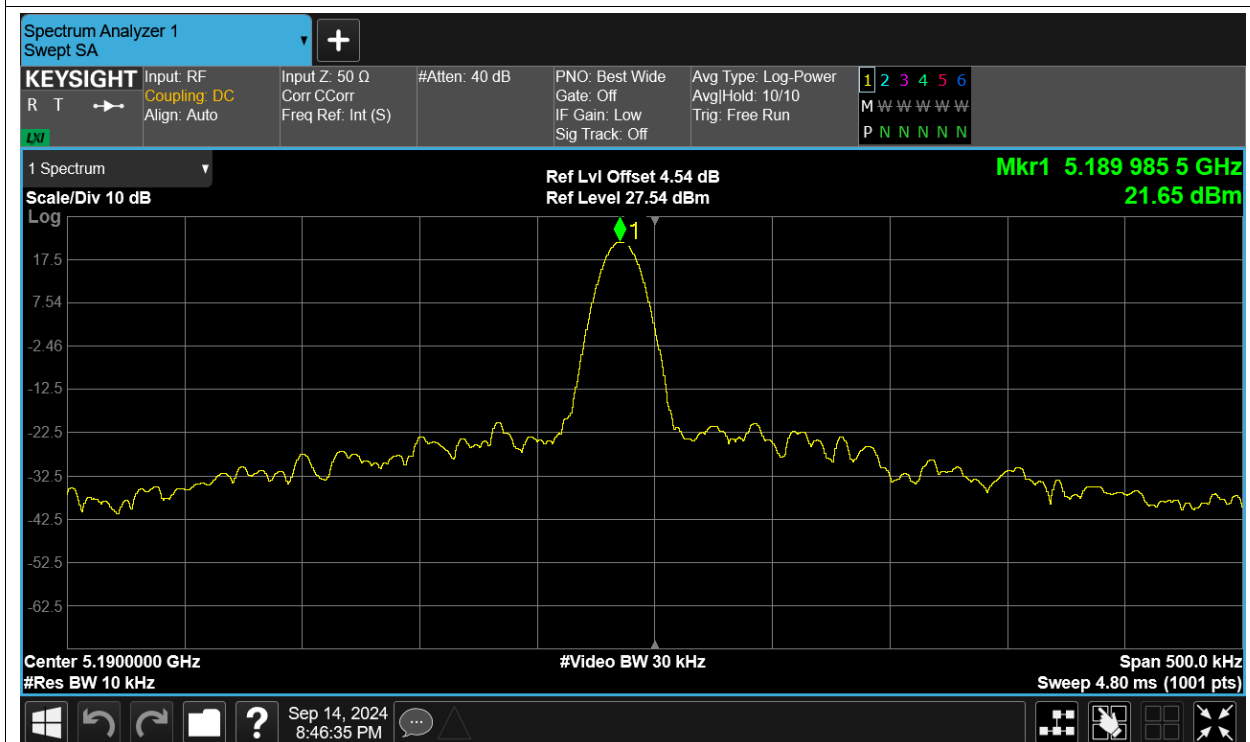
Freq. Stability LVNT n40 5190MHz Ant0



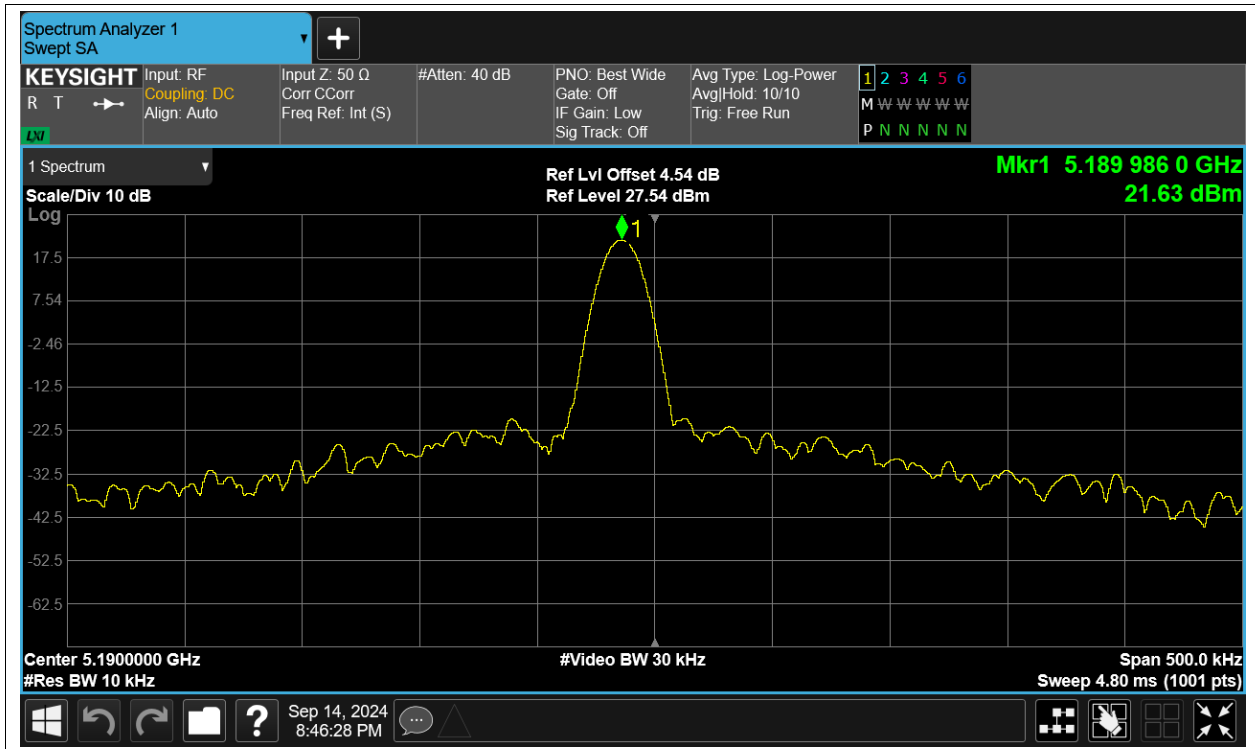
Freq. Stability NVHT n40 5190MHz Ant0



Freq. Stability NVLT n40 5190MHz Ant0



Freq. Stability NVNT n40 5190MHz Ant0

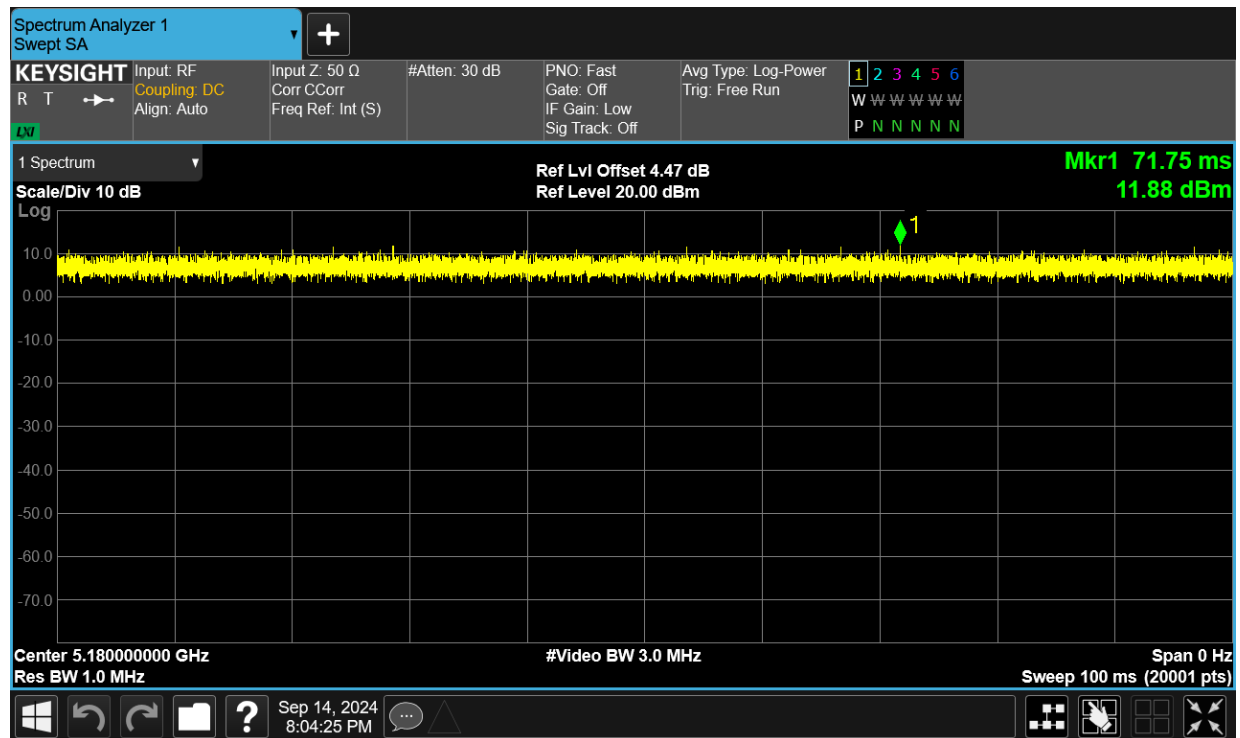


Duty Cycle

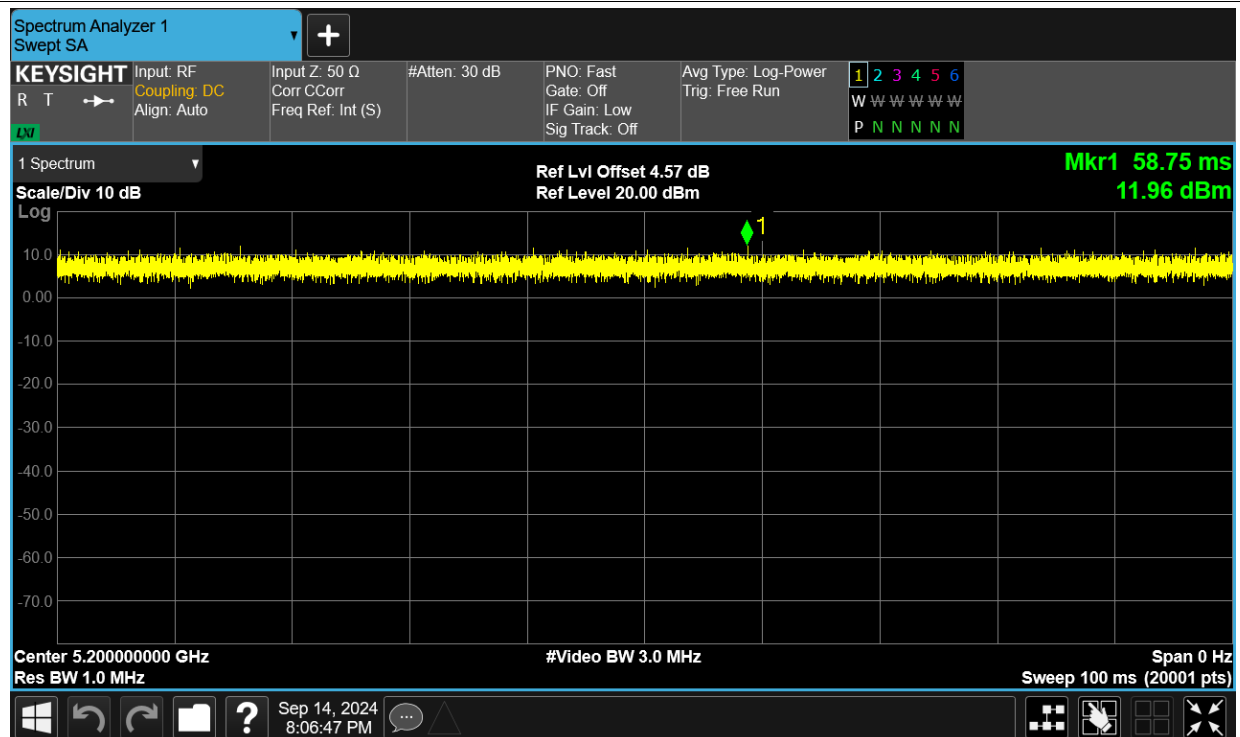
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant0	100	0
NVNT	a	5200	Ant0	100	0
NVNT	a	5240	Ant0	100	0
NVNT	ac20	5180	Ant0	100	0
NVNT	ac20	5200	Ant0	100	0
NVNT	ac20	5240	Ant0	100	0
NVNT	ac40	5190	Ant0	100	0
NVNT	ac40	5230	Ant0	100	0
NVNT	ac80	5210	Ant0	100	0
NVNT	n20	5180	Ant0	100	0
NVNT	n20	5200	Ant0	100	0
NVNT	n20	5240	Ant0	100	0
NVNT	n40	5190	Ant0	100	0
NVNT	n40	5230	Ant0	100	0

Test Graphs

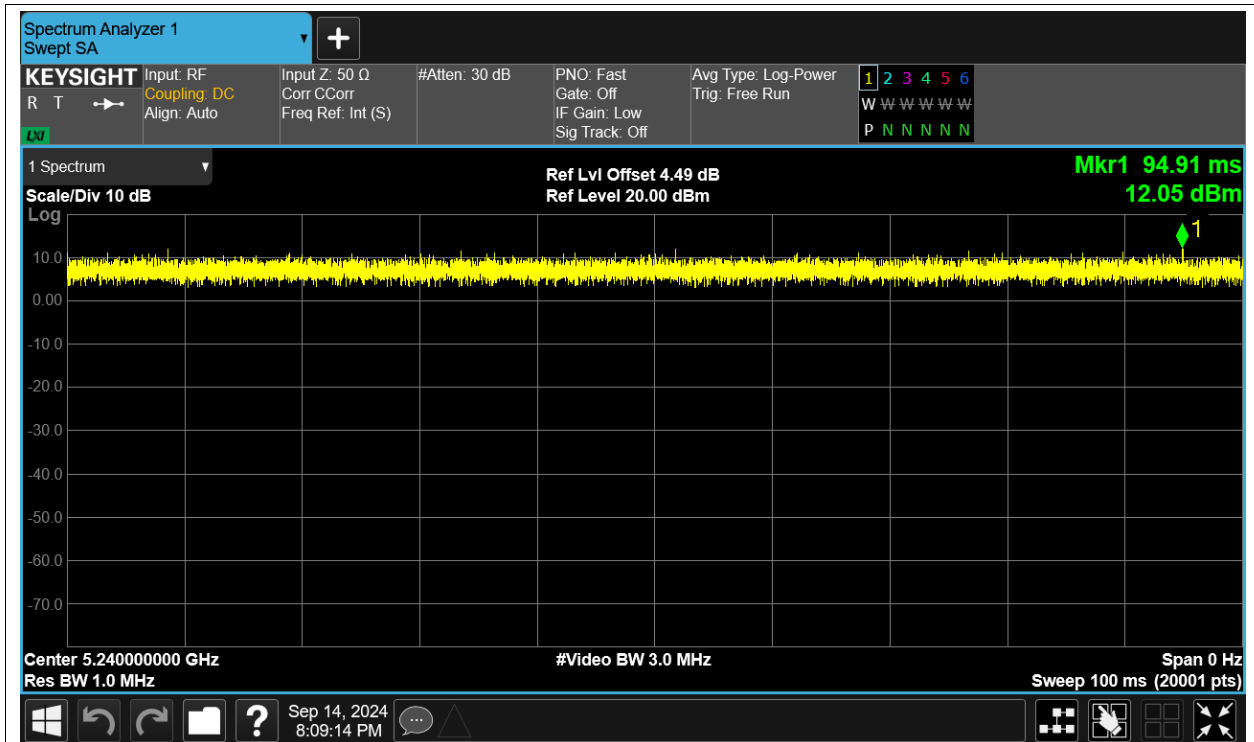
Duty Cycle NVNT a 5180MHz Ant0



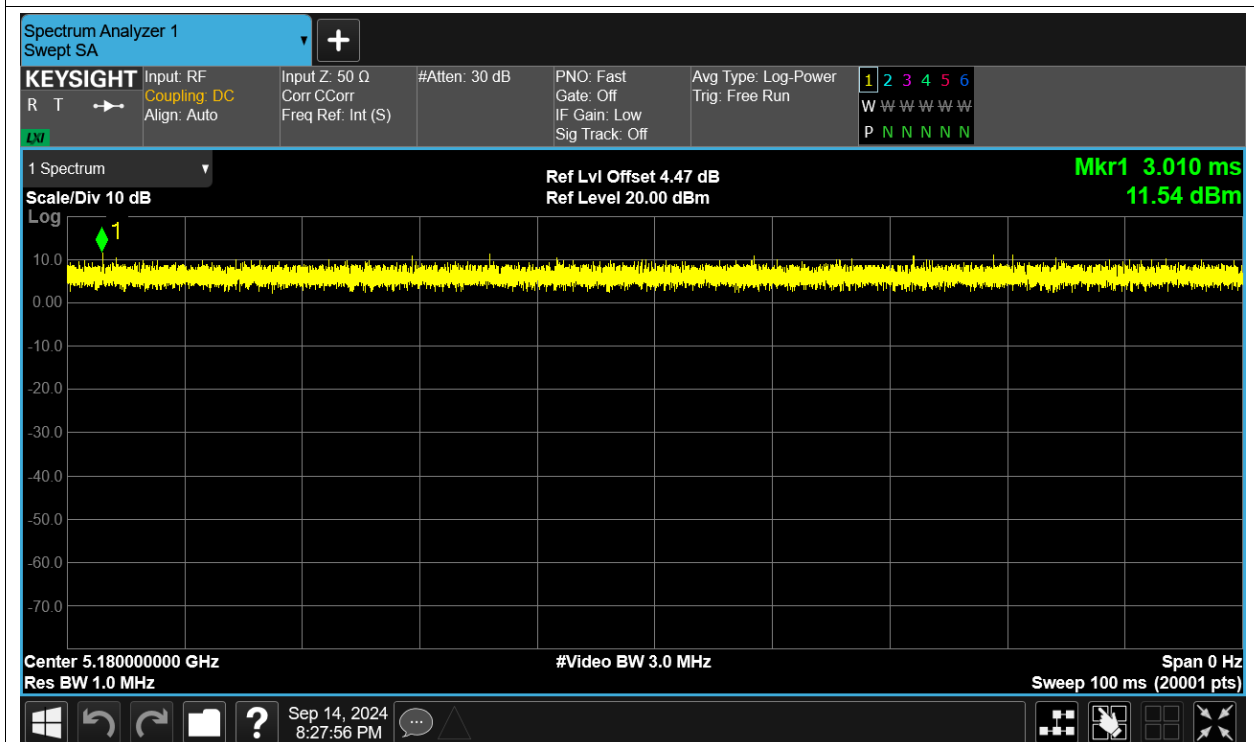
Duty Cycle NVNT a 5200MHz Ant0



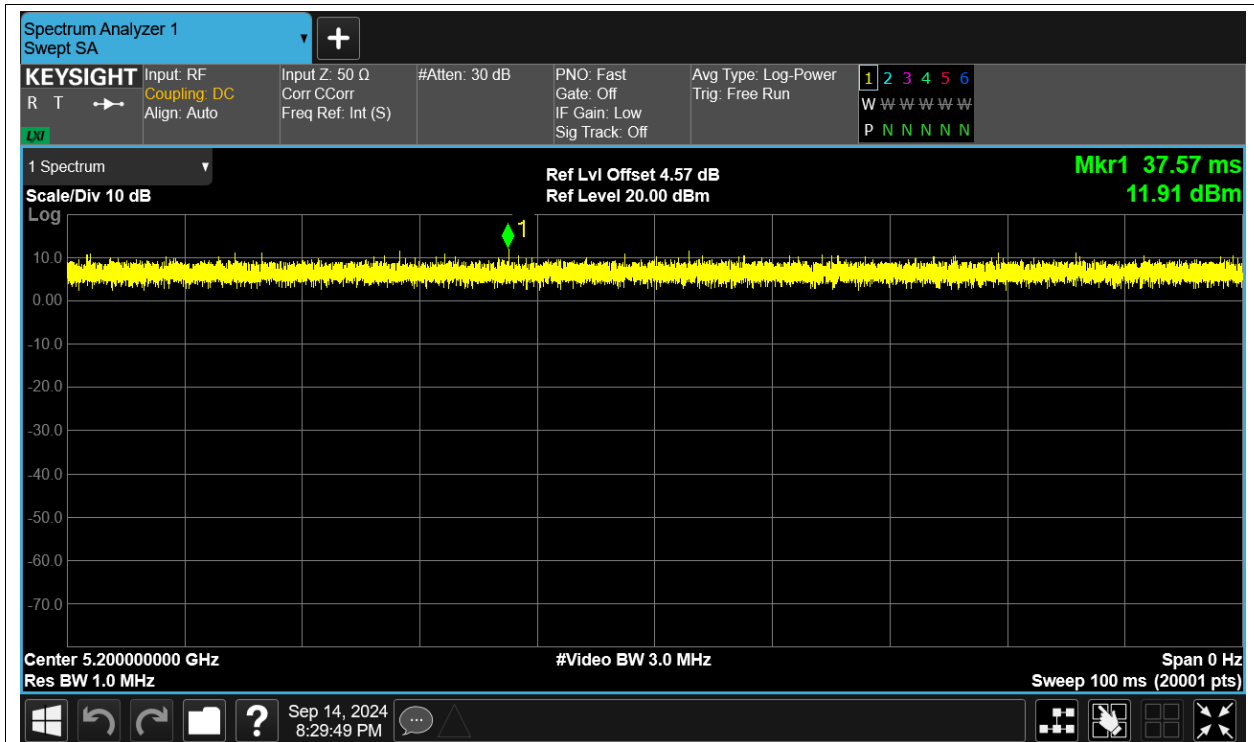
Duty Cycle NVNT a 5240MHz Ant0



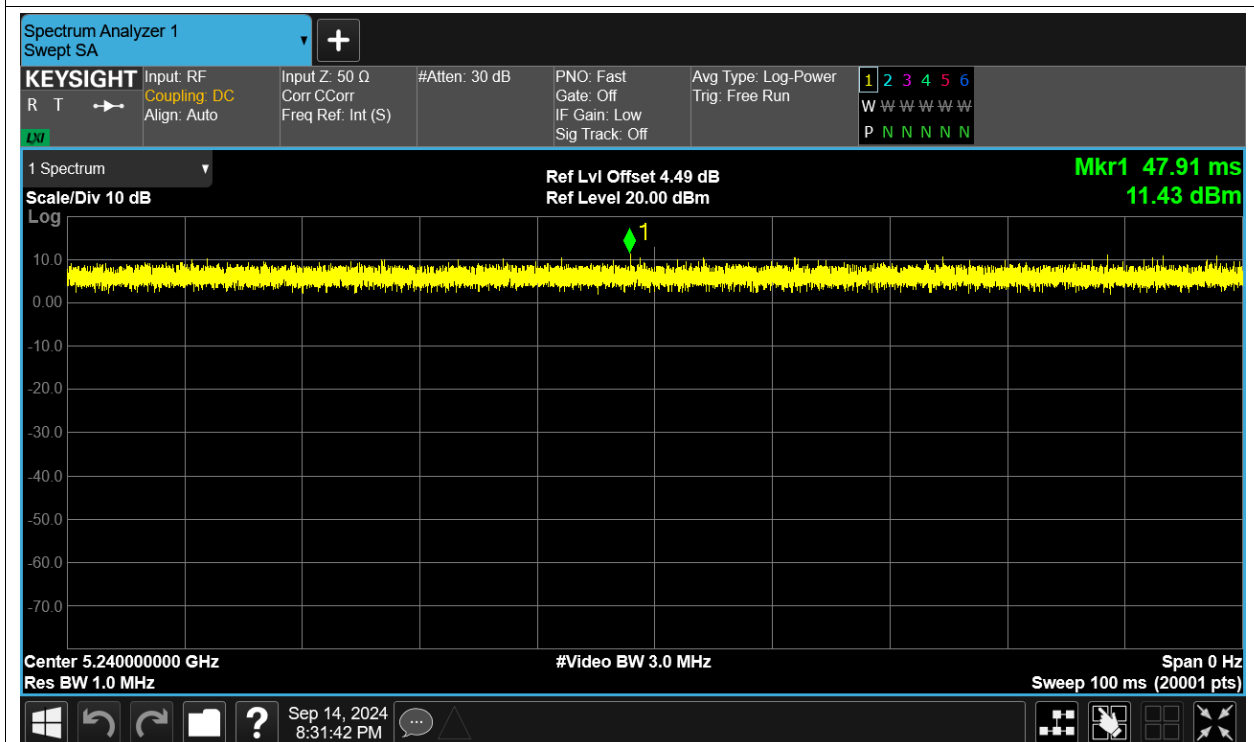
Duty Cycle NVNT ac20 5180MHz Ant0



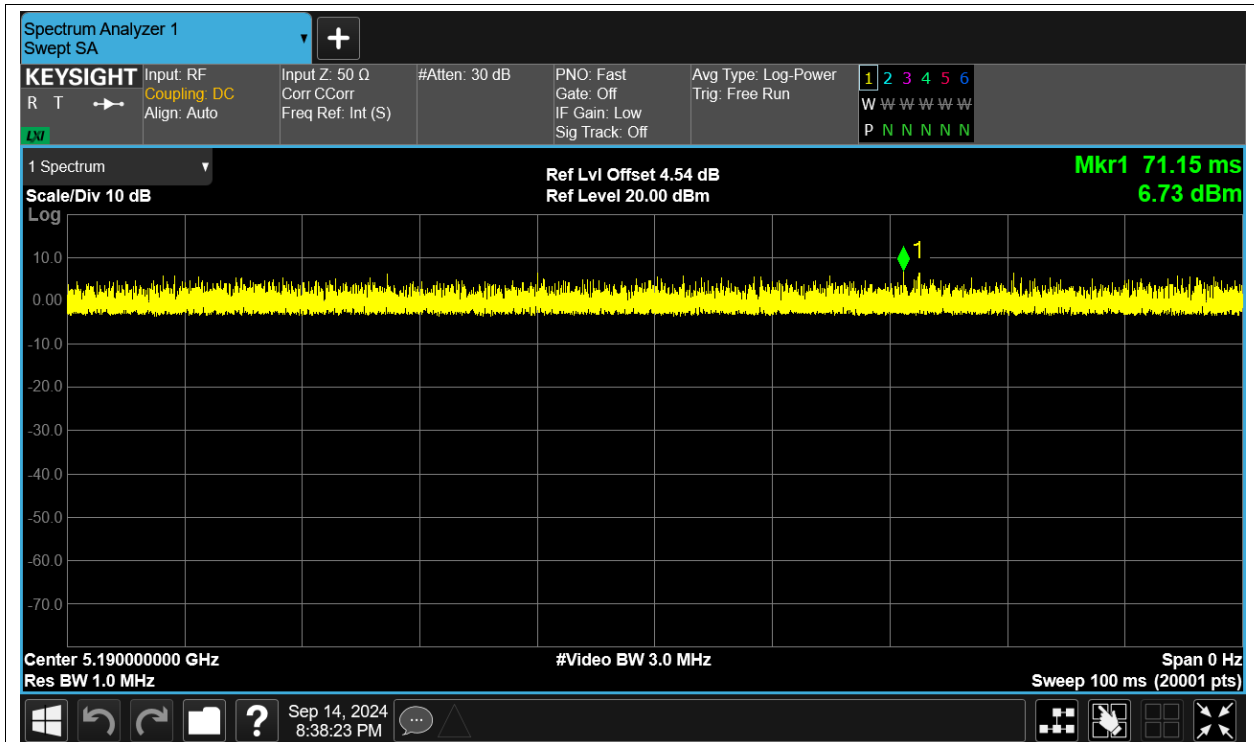
Duty Cycle NVNT ac20 5200MHz Ant0



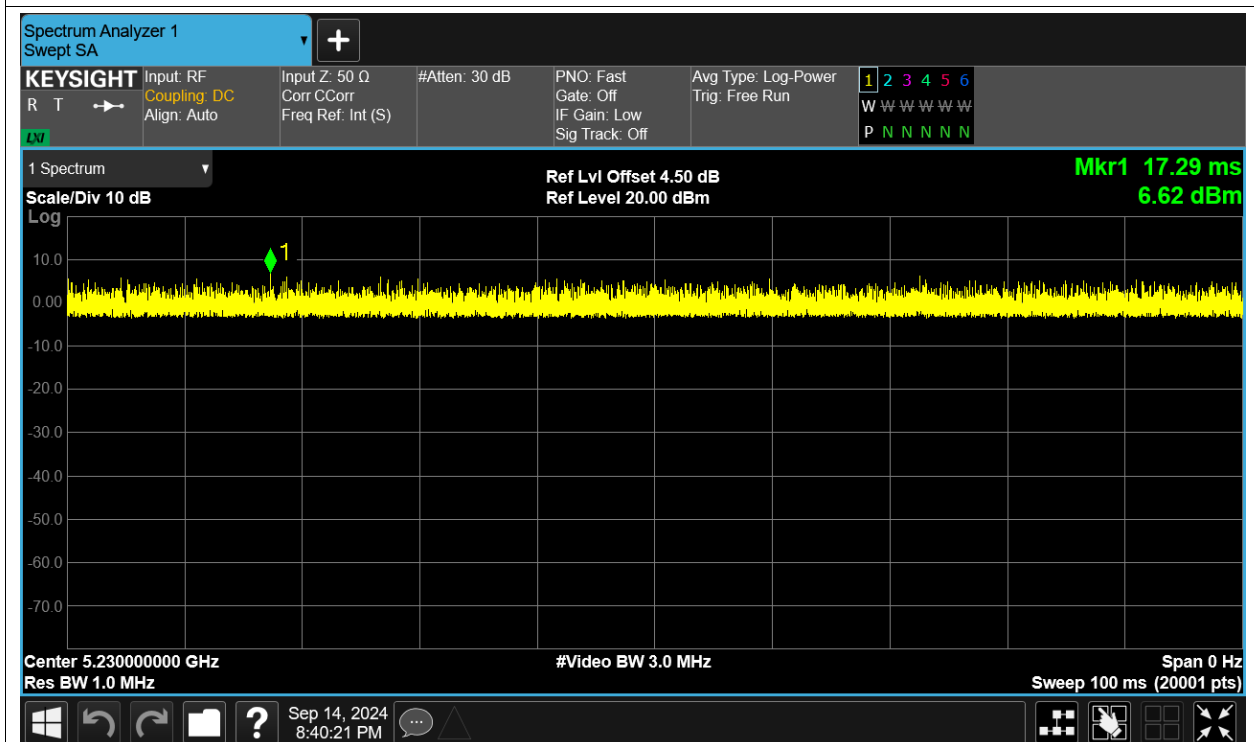
Duty Cycle NVNT ac20 5240MHz Ant0



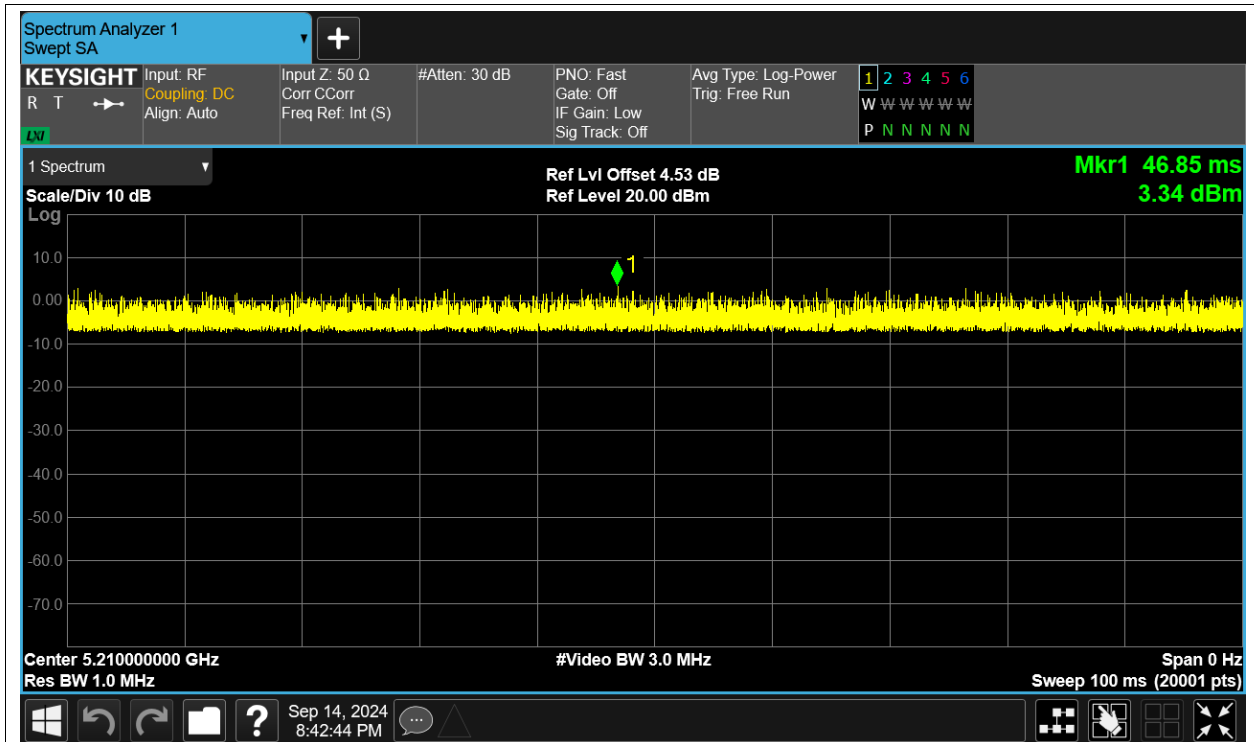
Duty Cycle NVNT ac40 5190MHz Ant0



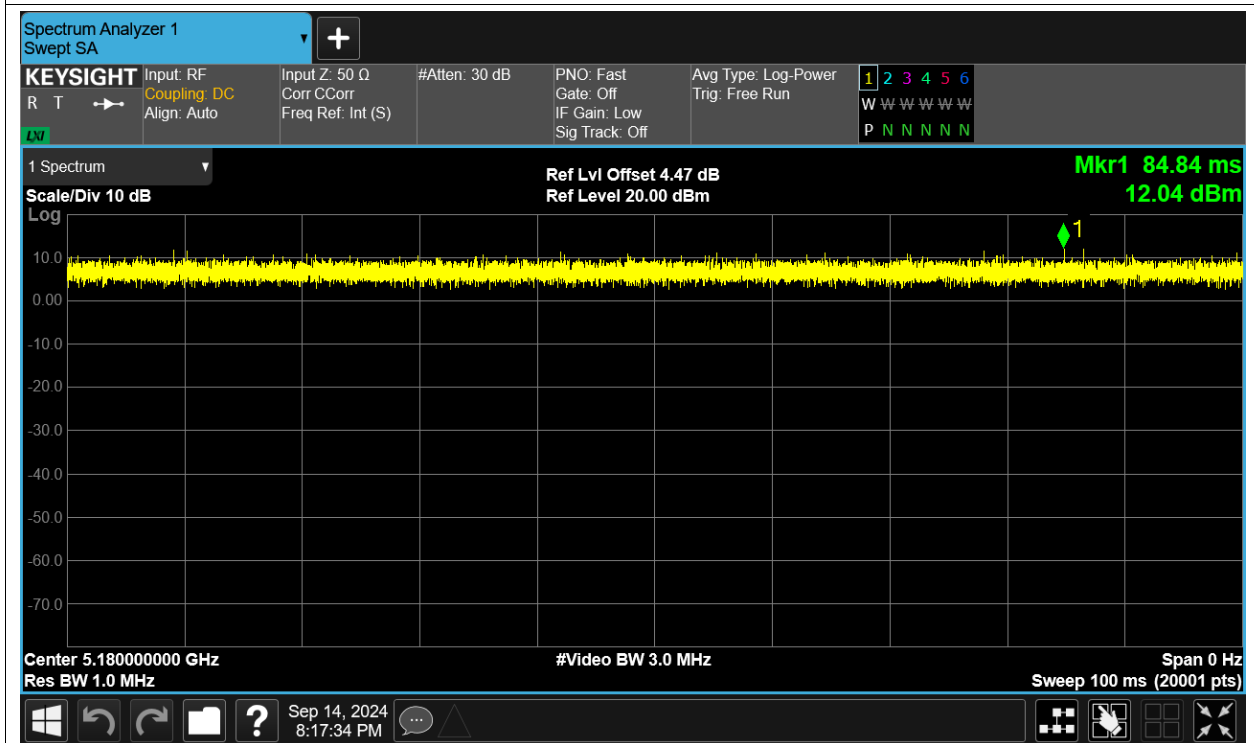
Duty Cycle NVNT ac40 5230MHz Ant0



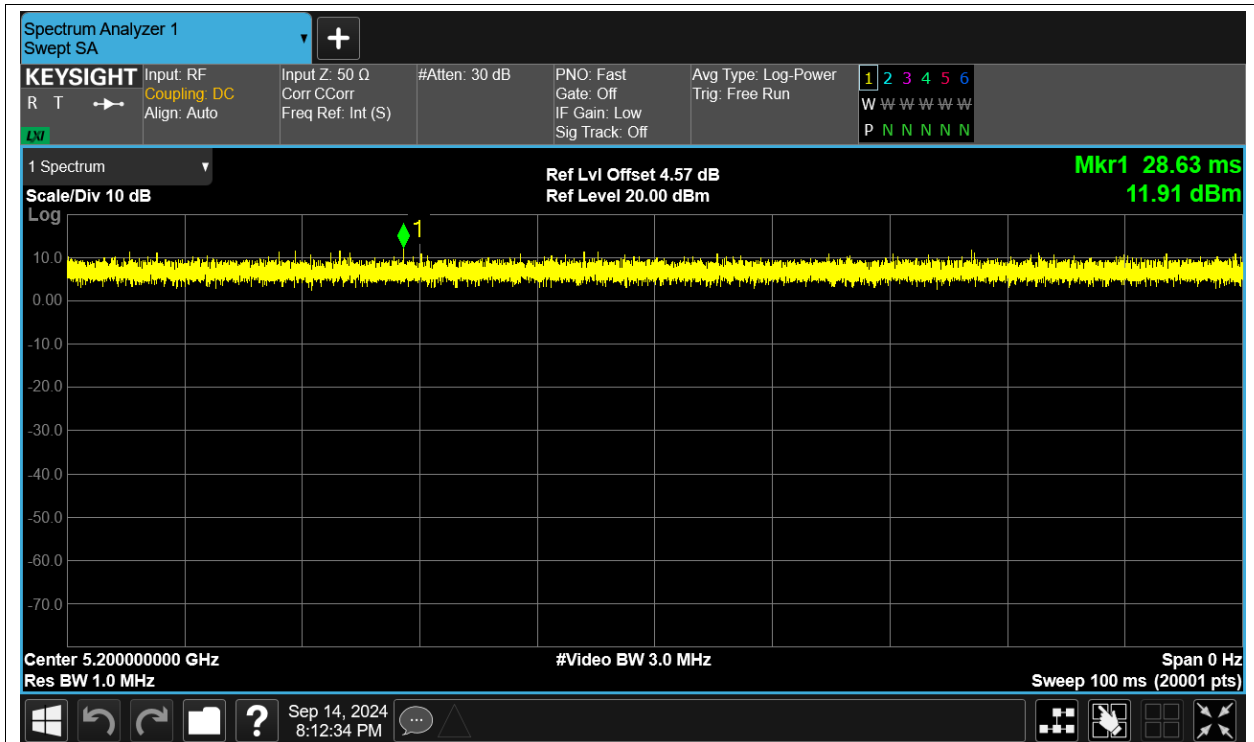
Duty Cycle NVNT ac80 5210MHz Ant0



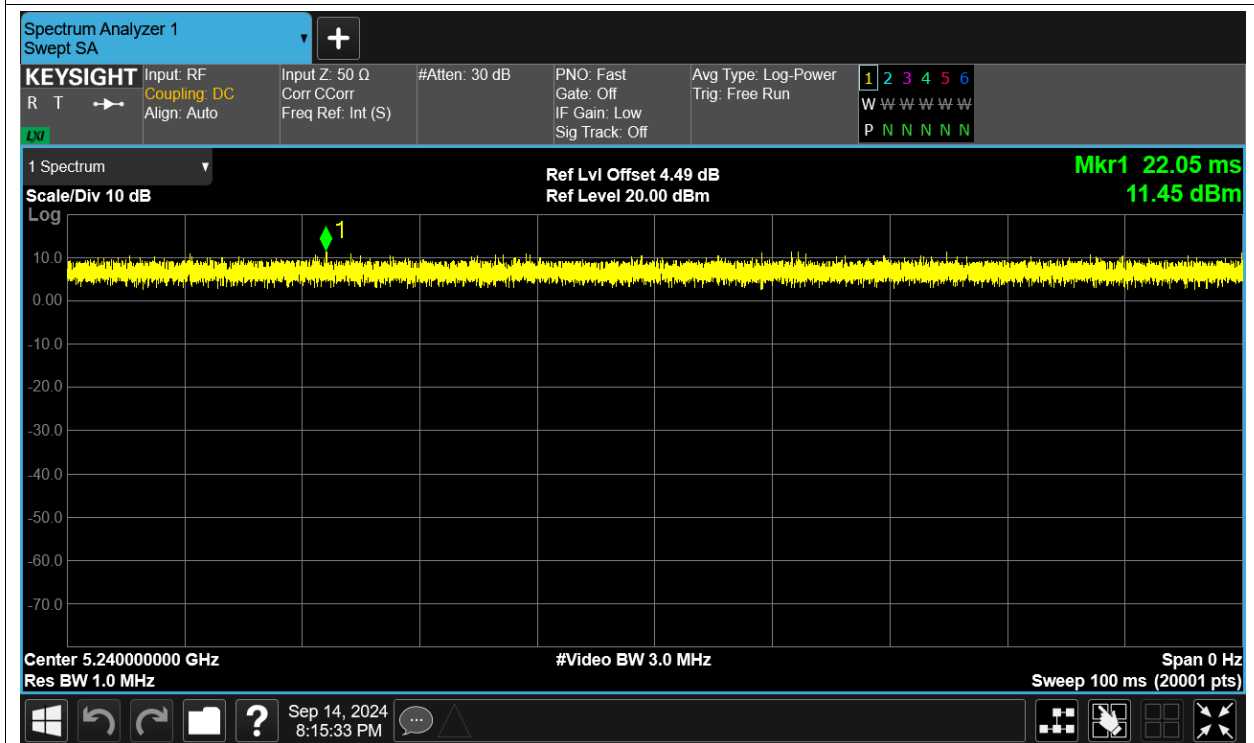
Duty Cycle NVNT n20 5180MHz Ant0



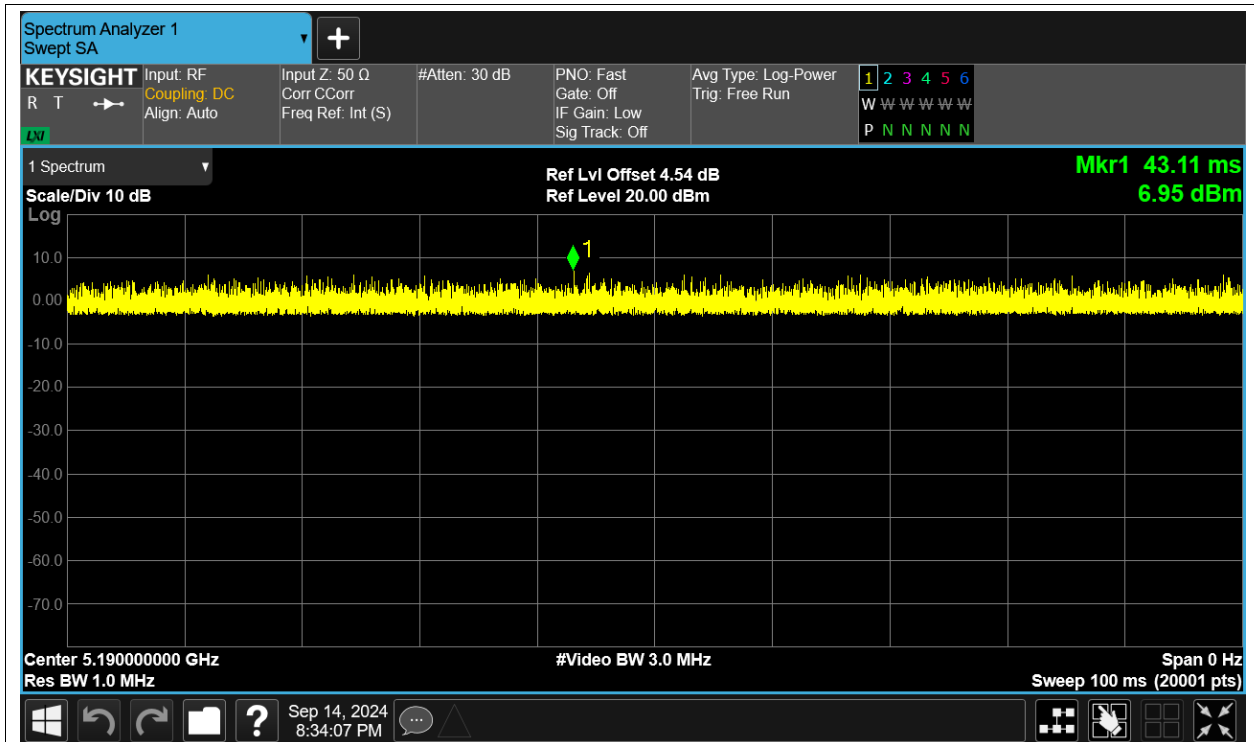
Duty Cycle NVNT n20 5200MHz Ant0



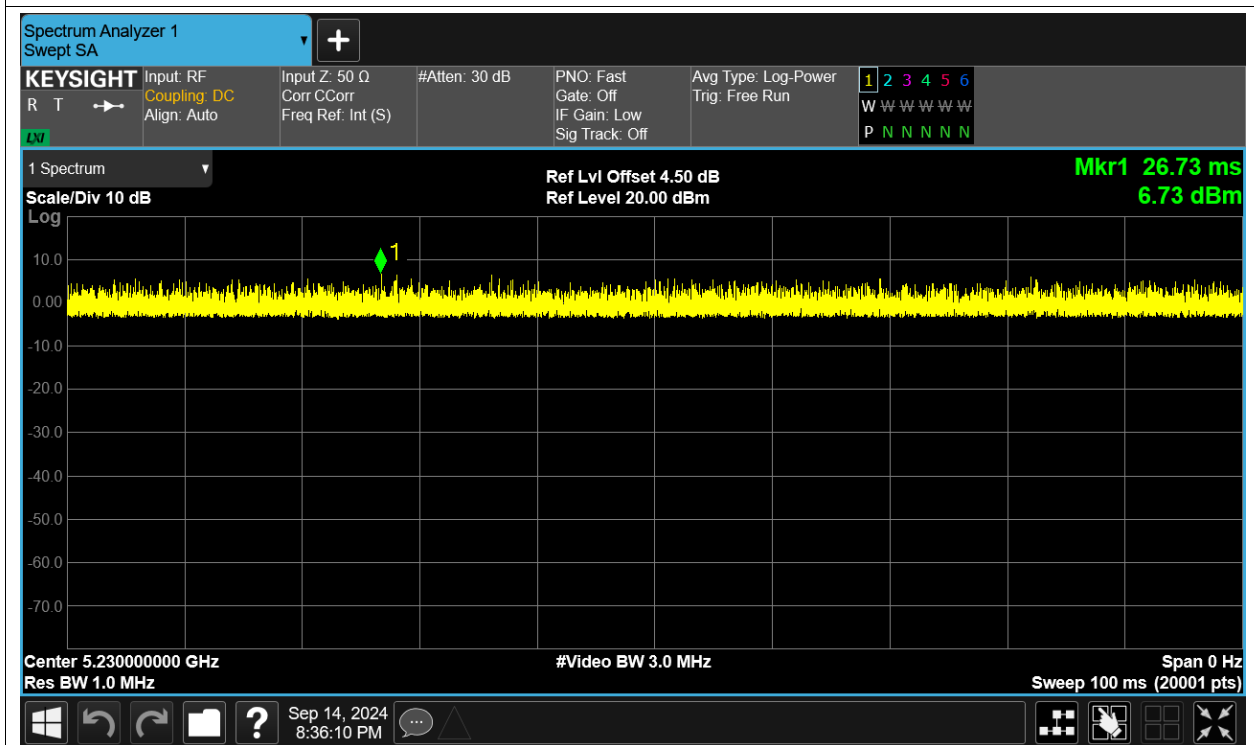
Duty Cycle NVNT n20 5240MHz Ant0



Duty Cycle NVNT n40 5190MHz Ant0



Duty Cycle NVNT n40 5230MHz Ant0



Maximum Conducted Output Power

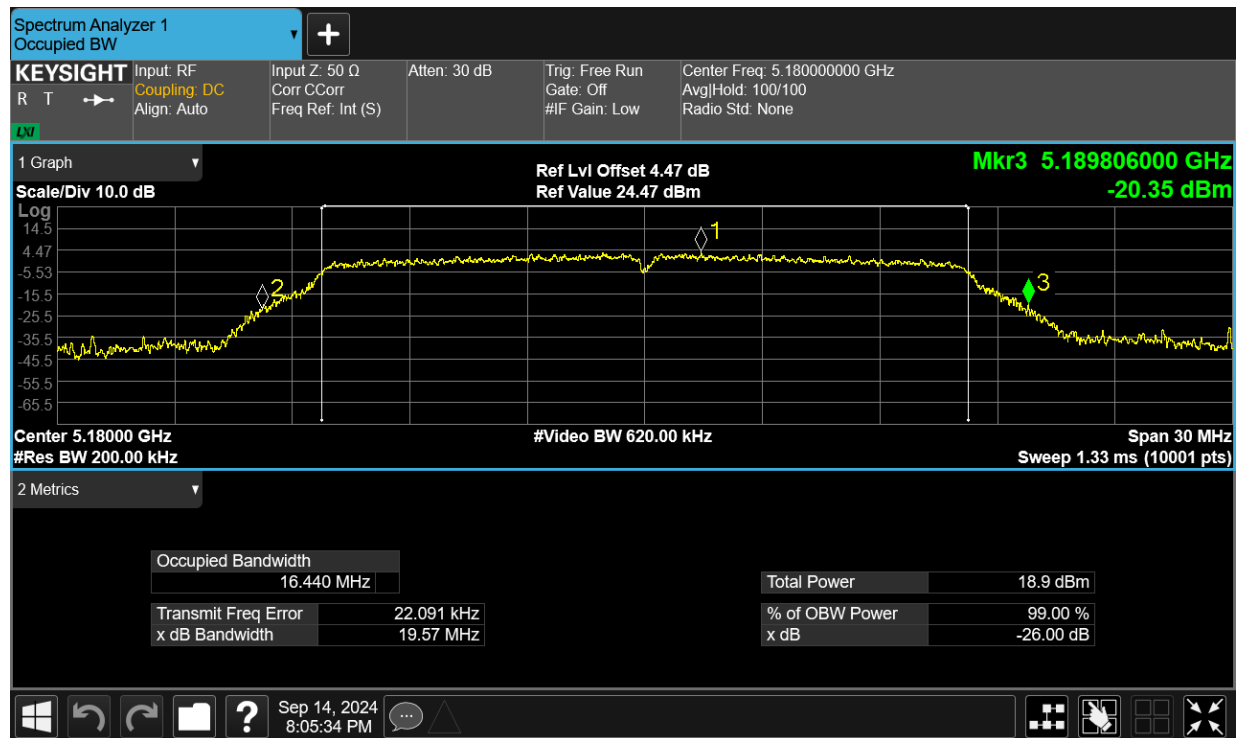
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	13.54	0	13.54	24	Pass
NVNT	a	5200	Ant0	14.11	0	14.11	24	Pass
NVNT	a	5240	Ant0	13.39	0	13.39	24	Pass
NVNT	ac20	5180	Ant0	13.11	0	13.11	24	Pass
NVNT	ac20	5200	Ant0	13.68	0	13.68	24	Pass
NVNT	ac20	5240	Ant0	12.57	0	12.57	24	Pass
NVNT	ac40	5190	Ant0	13.27	0	13.27	23	Pass
NVNT	ac40	5230	Ant0	12.67	0	12.67	24	Pass
NVNT	ac80	5210	Ant0	12.88	0	12.88	24	Pass
NVNT	n20	5180	Ant0	13.66	0	13.66	24	Pass
NVNT	n20	5200	Ant0	13.91	0	13.91	24	Pass
NVNT	n20	5240	Ant0	13.19	0	13.19	24	Pass
NVNT	n40	5190	Ant0	13.27	0	13.27	24	Pass
NVNT	n40	5230	Ant0	12.68	0	12.68	24	Pass

-26dB Bandwidth

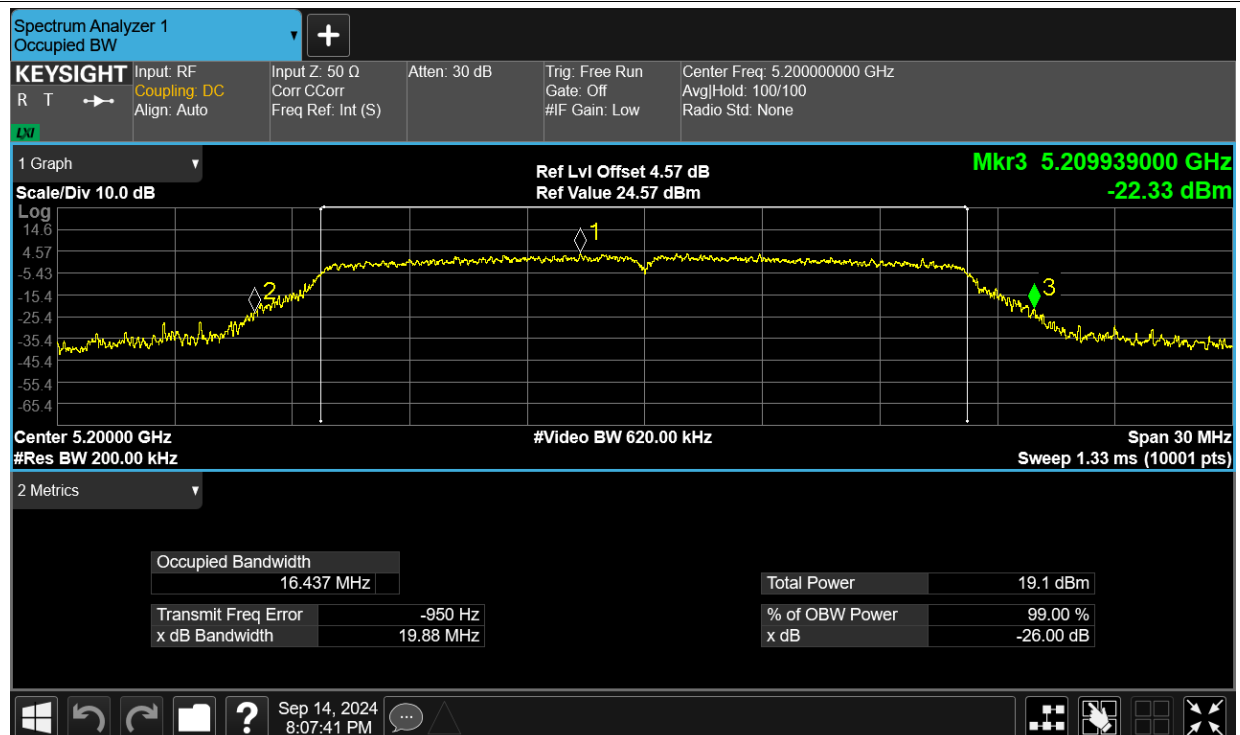
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant0	19.567
NVNT	a	5200	Ant0	19.88
NVNT	a	5240	Ant0	19.492
NVNT	ac20	5180	Ant0	20.15
NVNT	ac20	5200	Ant0	19.975
NVNT	ac20	5240	Ant0	19.933
NVNT	ac40	5190	Ant0	39.333
NVNT	ac40	5230	Ant0	39.341
NVNT	ac80	5210	Ant0	78.808
NVNT	n20	5180	Ant0	19.95
NVNT	n20	5200	Ant0	20.261
NVNT	n20	5240	Ant0	19.935
NVNT	n40	5190	Ant0	38.787
NVNT	n40	5230	Ant0	39.165

Test Graphs

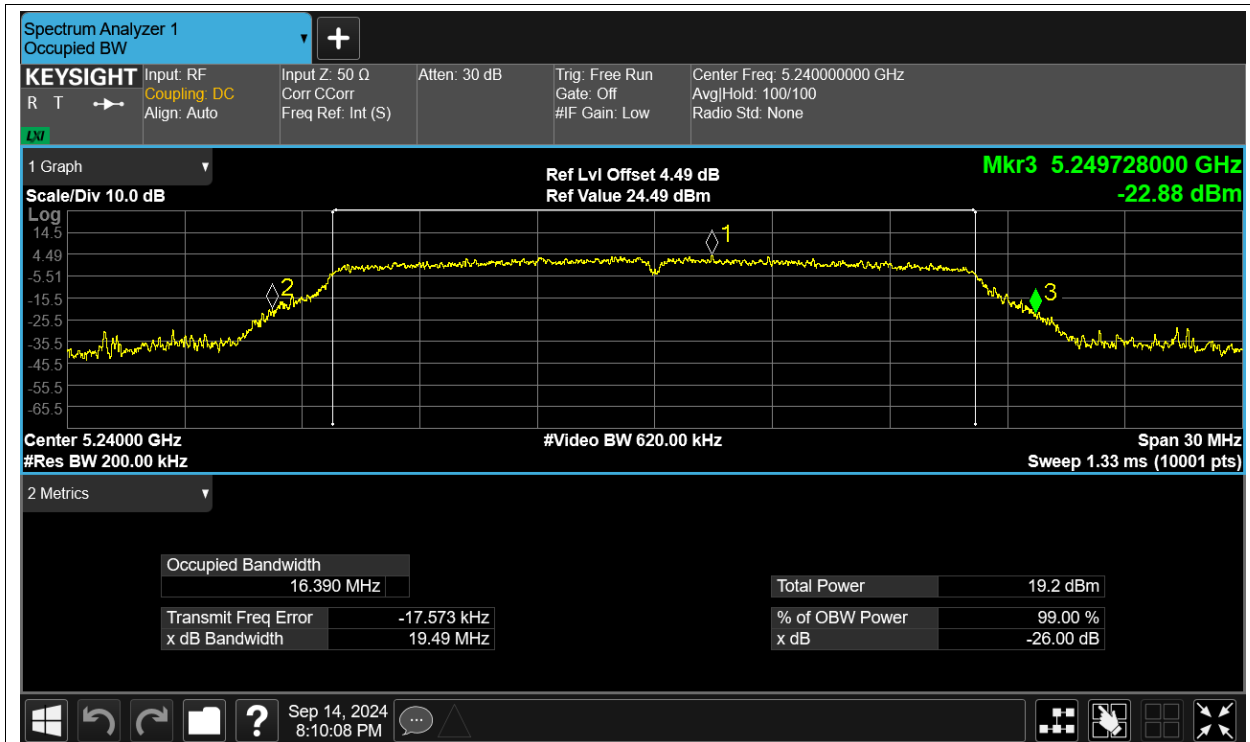
-26dB Bandwidth NVNT a 5180MHz Ant0



-26dB Bandwidth NVNT a 5200MHz Ant0



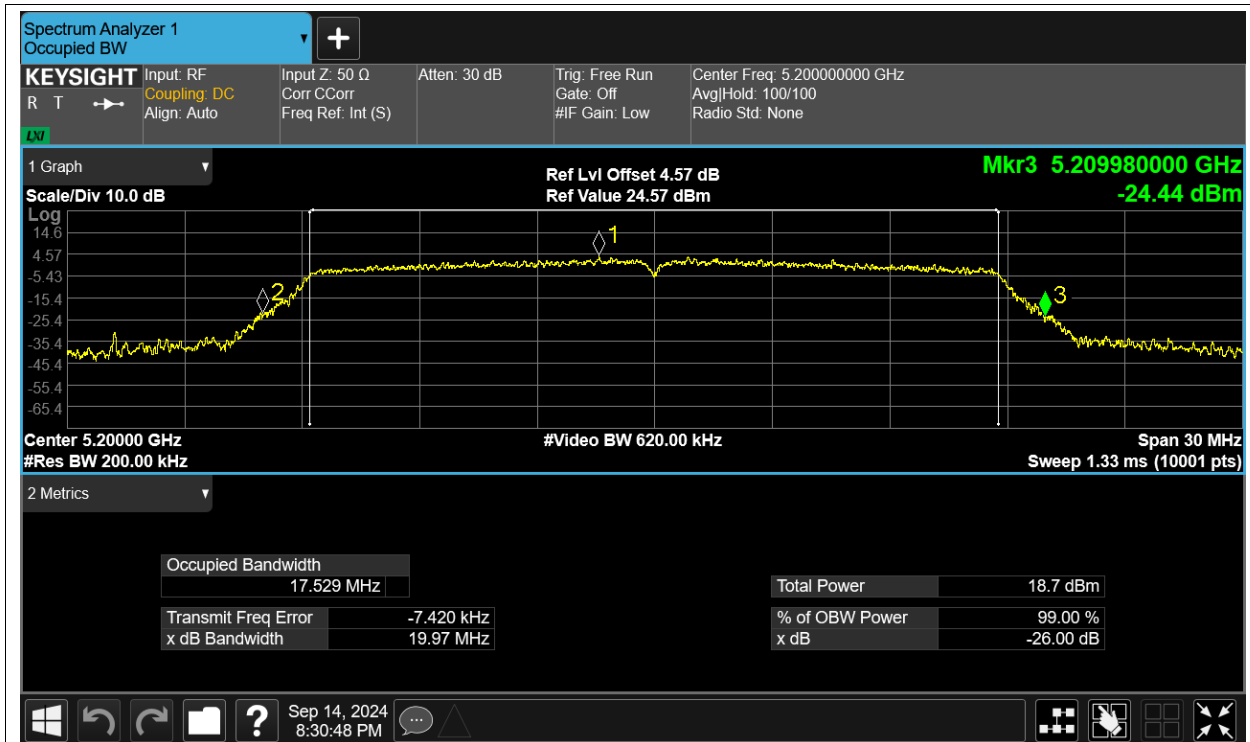
-26dB Bandwidth NVNT a 5240MHz Ant0



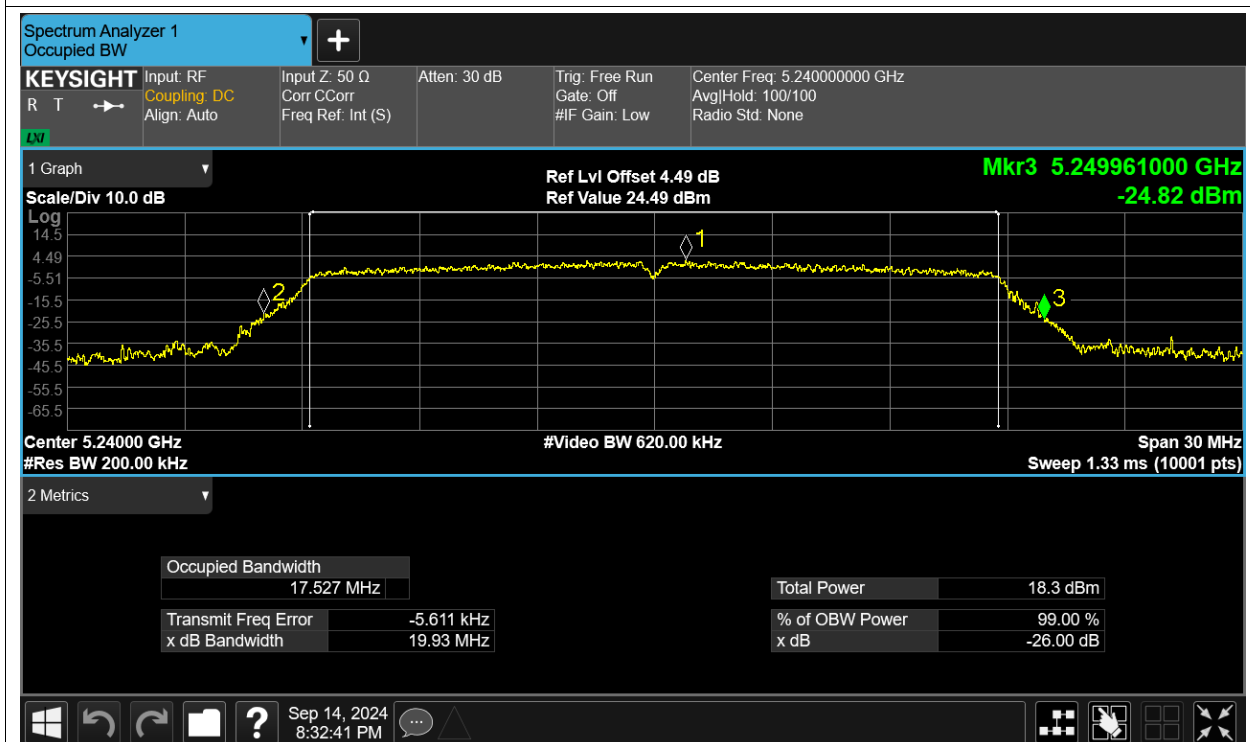
-26dB Bandwidth NVNT ac20 5180MHz Ant0



-26dB Bandwidth NVNT ac20 5200MHz Ant0



-26dB Bandwidth NVNT ac20 5240MHz Ant0



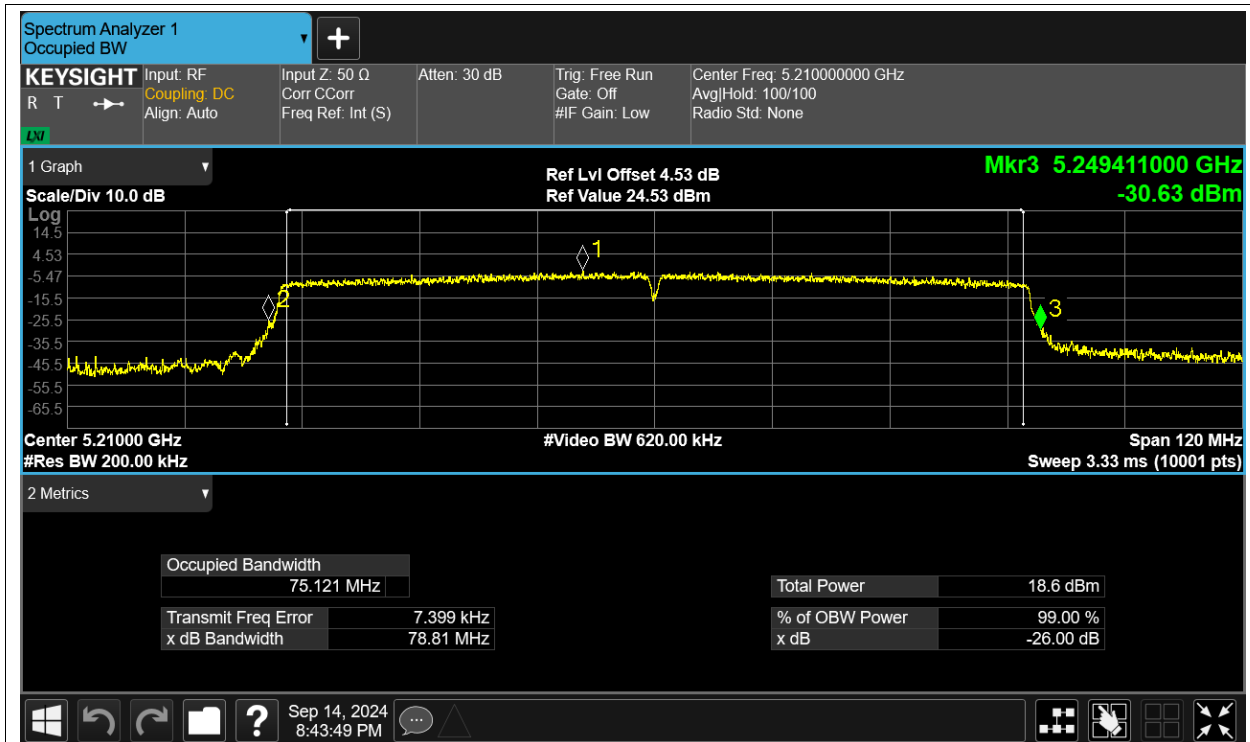
-26dB Bandwidth NVNT ac40 5190MHz Ant0



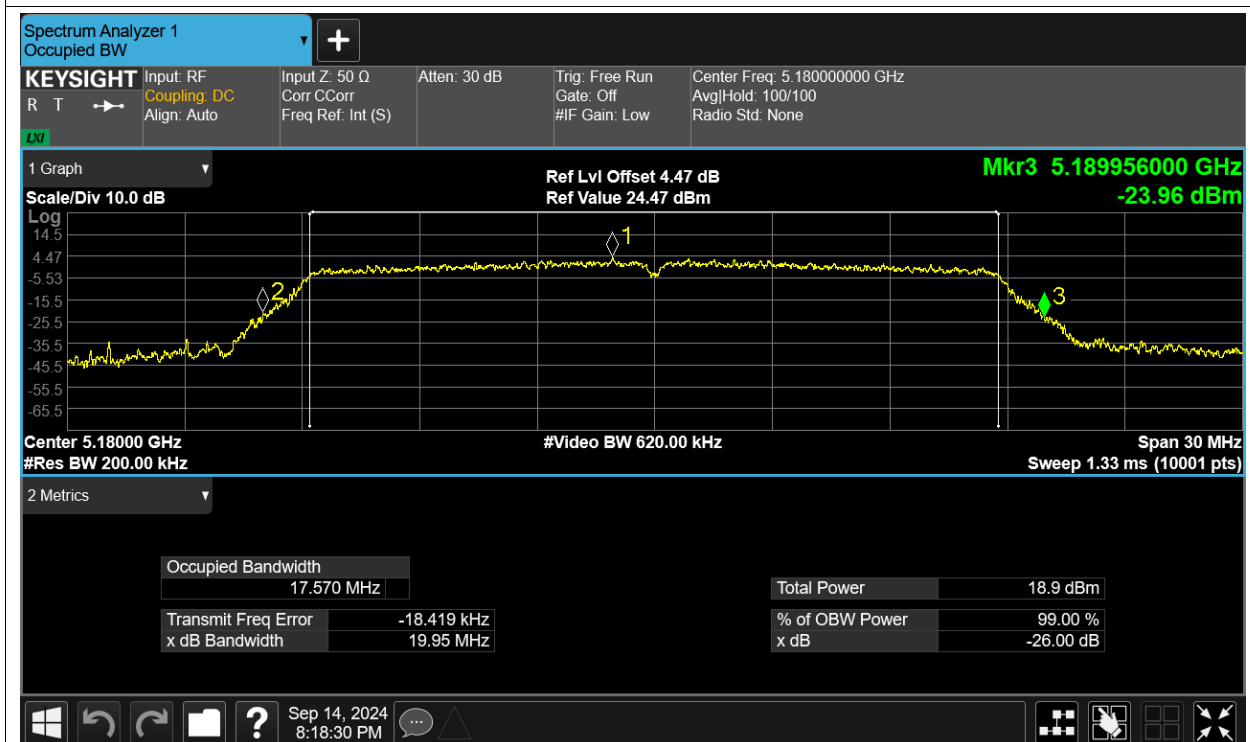
-26dB Bandwidth NVNT ac40 5230MHz Ant0



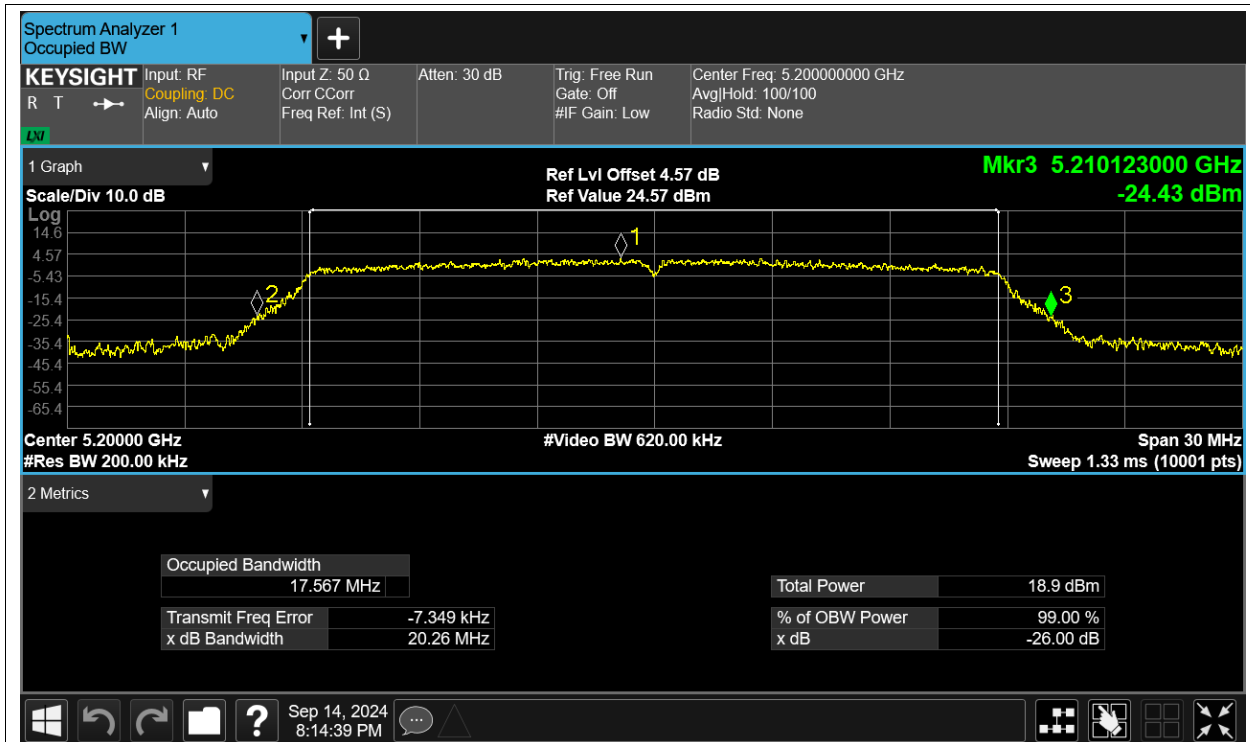
-26dB Bandwidth NVNT ac80 5210MHz Ant0



-26dB Bandwidth NVNT n20 5180MHz Ant0



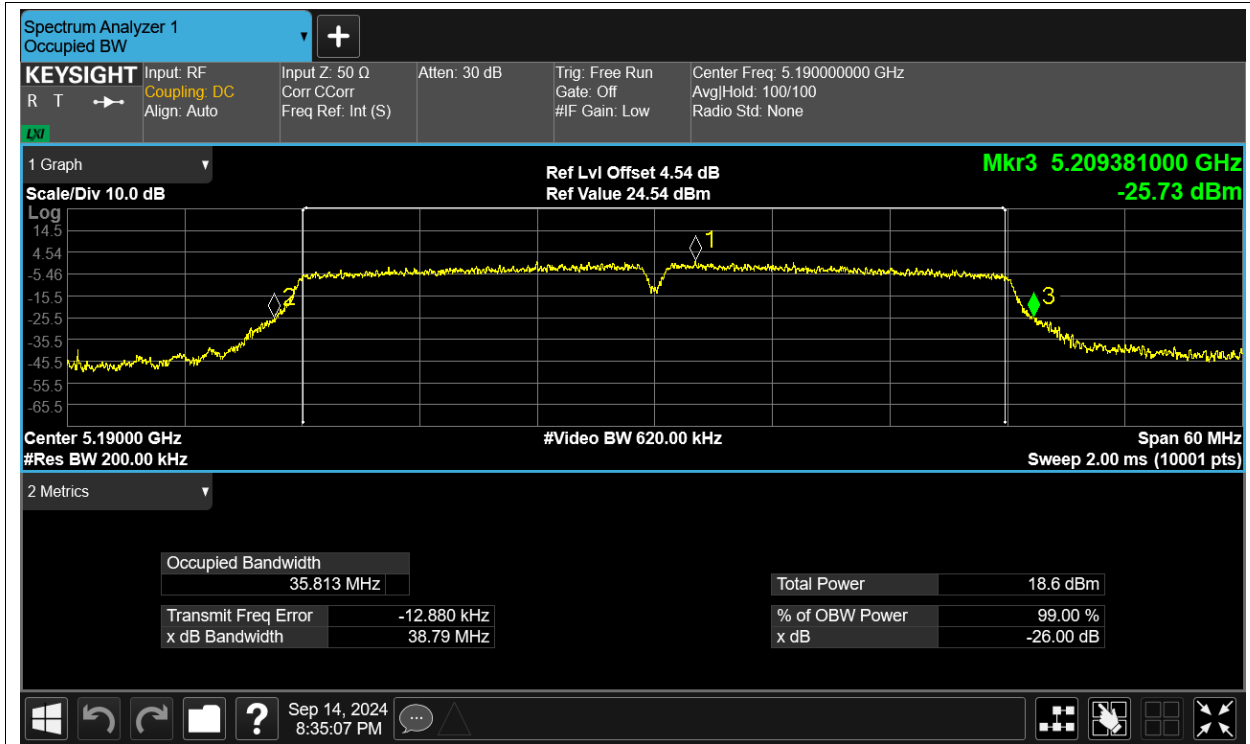
-26dB Bandwidth NVNT n20 5200MHz Ant0



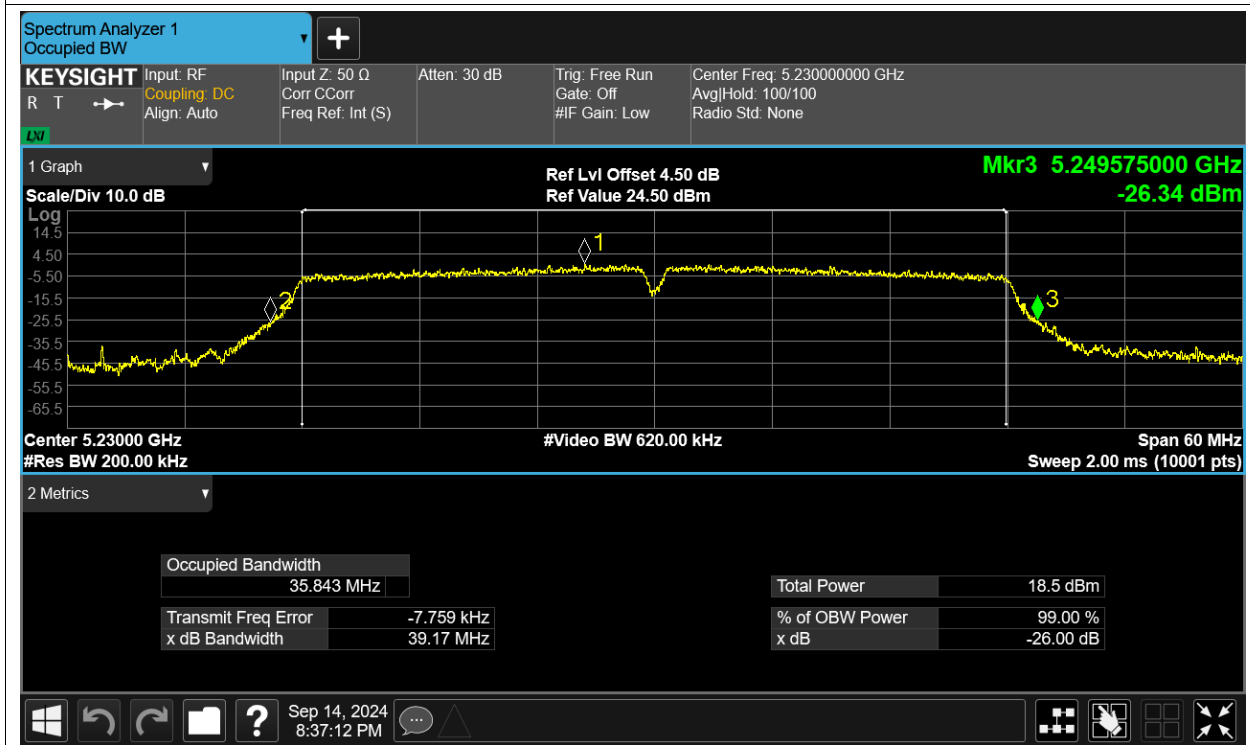
-26dB Bandwidth NVNT n20 5240MHz Ant0



-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0

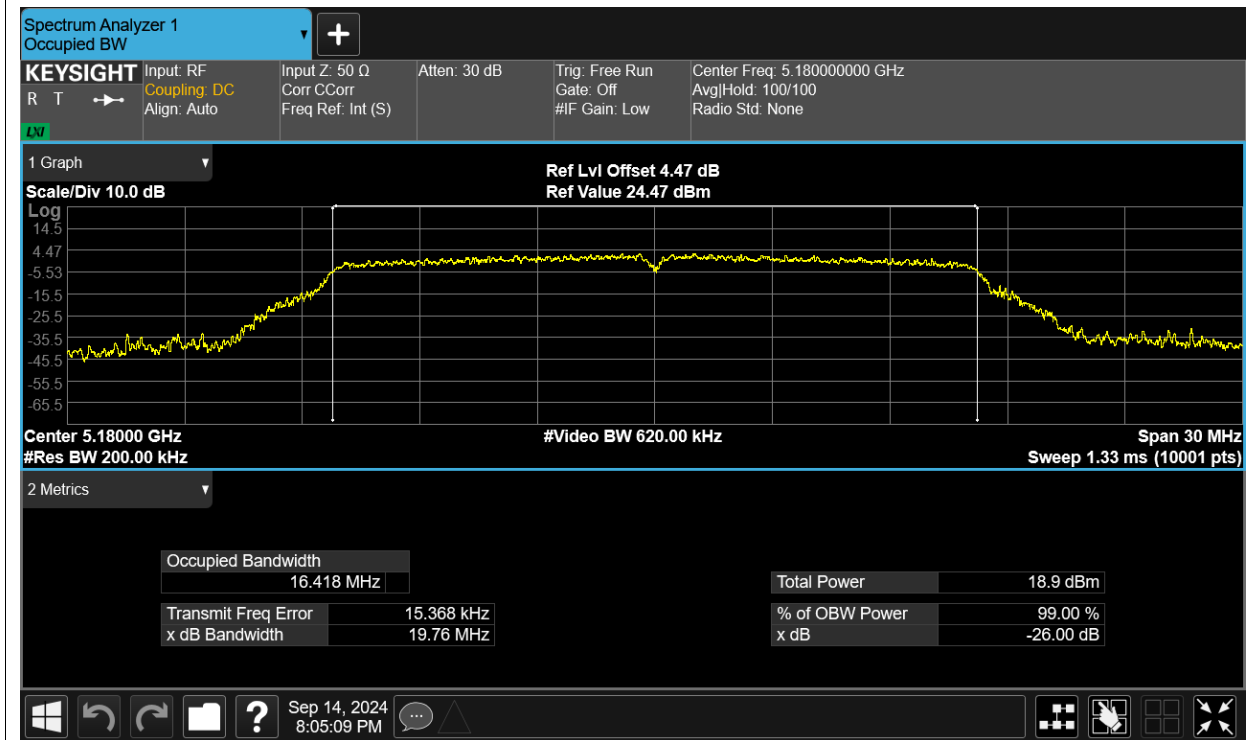


Occupied Channel Bandwidth

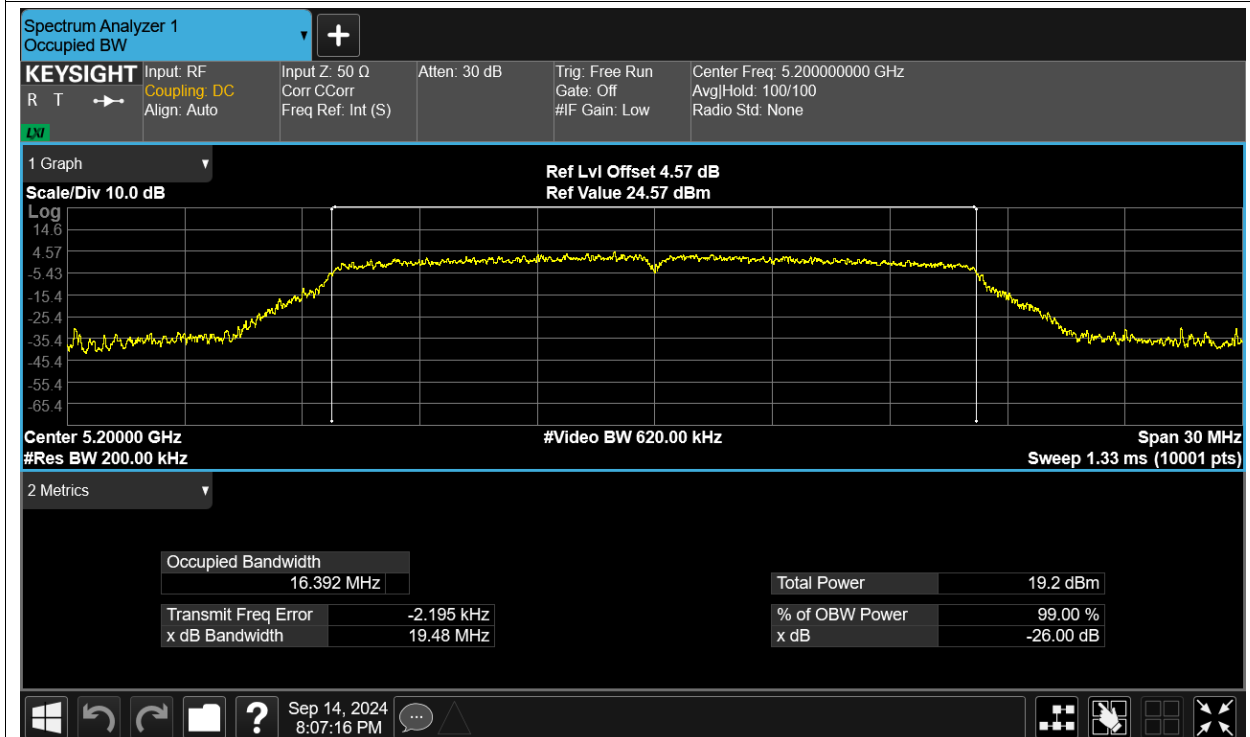
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant0	16.418
NVNT	a	5200	Ant0	16.392
NVNT	a	5240	Ant0	16.391
NVNT	ac20	5180	Ant0	17.551
NVNT	ac20	5200	Ant0	17.515
NVNT	ac20	5240	Ant0	17.542
NVNT	ac40	5190	Ant0	35.922
NVNT	ac40	5230	Ant0	35.887
NVNT	ac80	5210	Ant0	75.126
NVNT	n20	5180	Ant0	17.58
NVNT	n20	5200	Ant0	17.549
NVNT	n20	5240	Ant0	17.538
NVNT	n40	5190	Ant0	35.921
NVNT	n40	5230	Ant0	35.901

Test Graphs

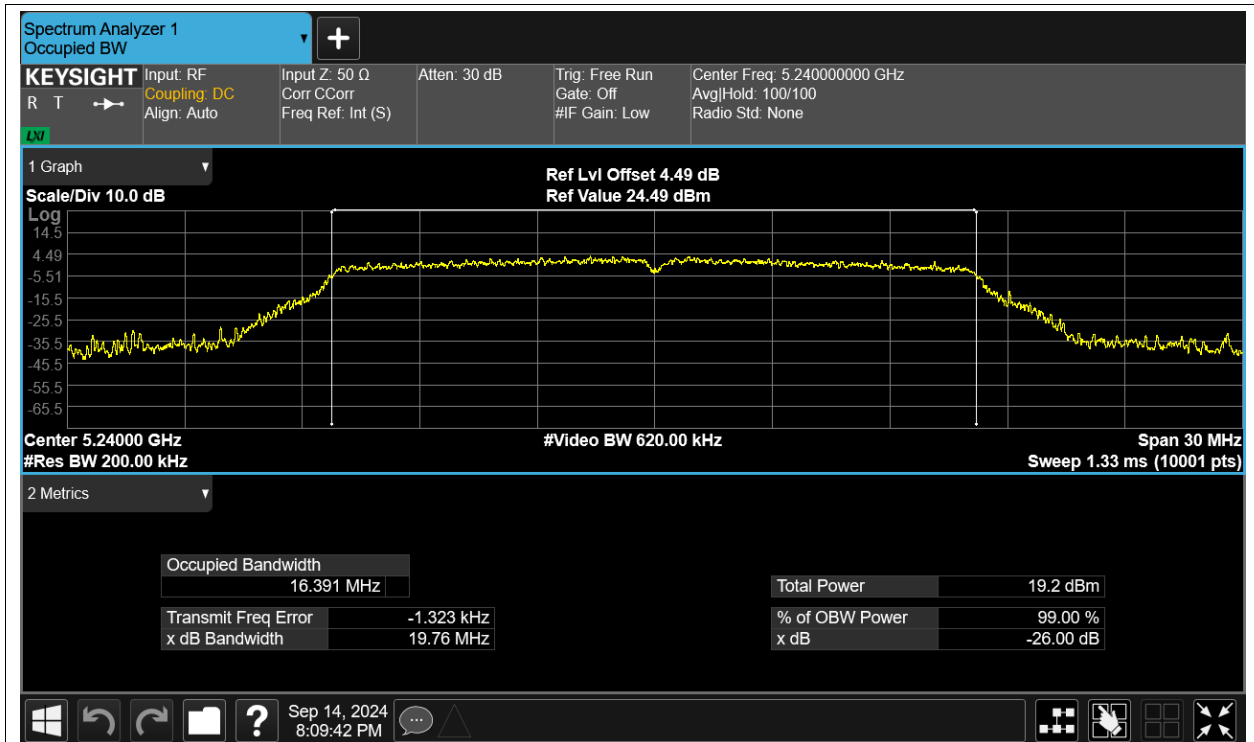
OBW NVNT a 5180MHz Ant0



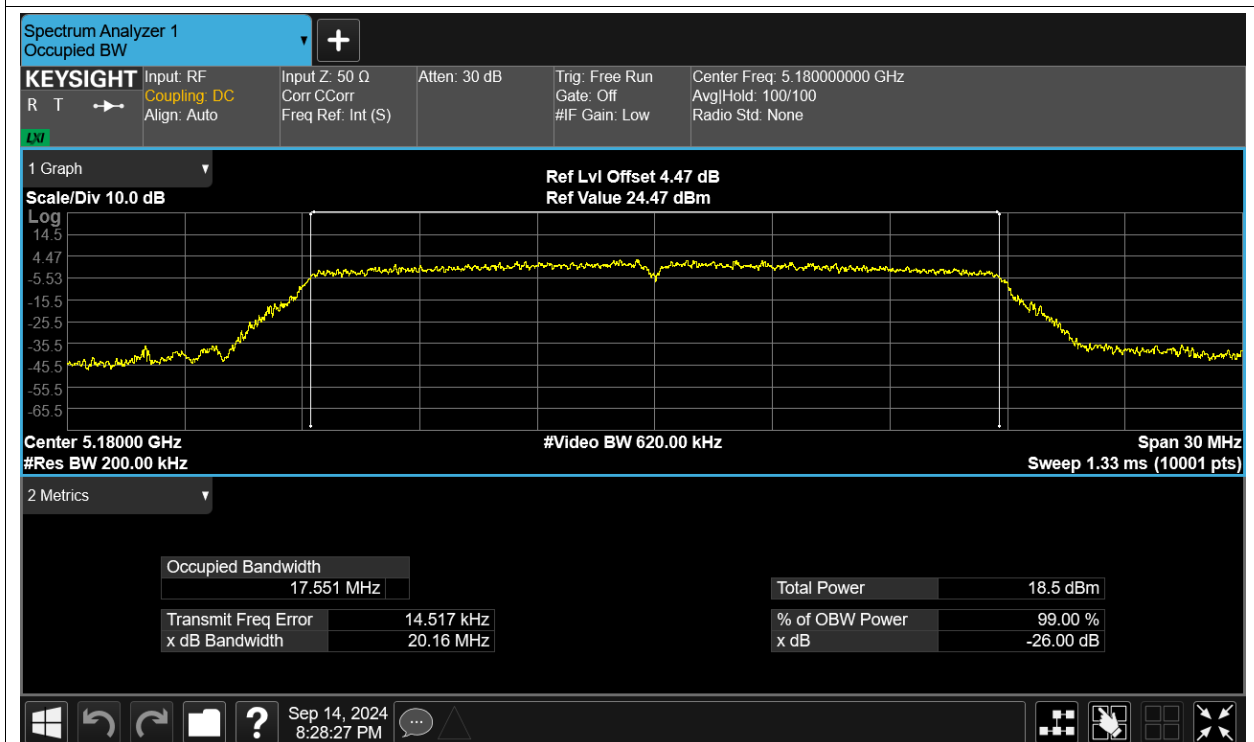
OBW NVNT a 5200MHz Ant0



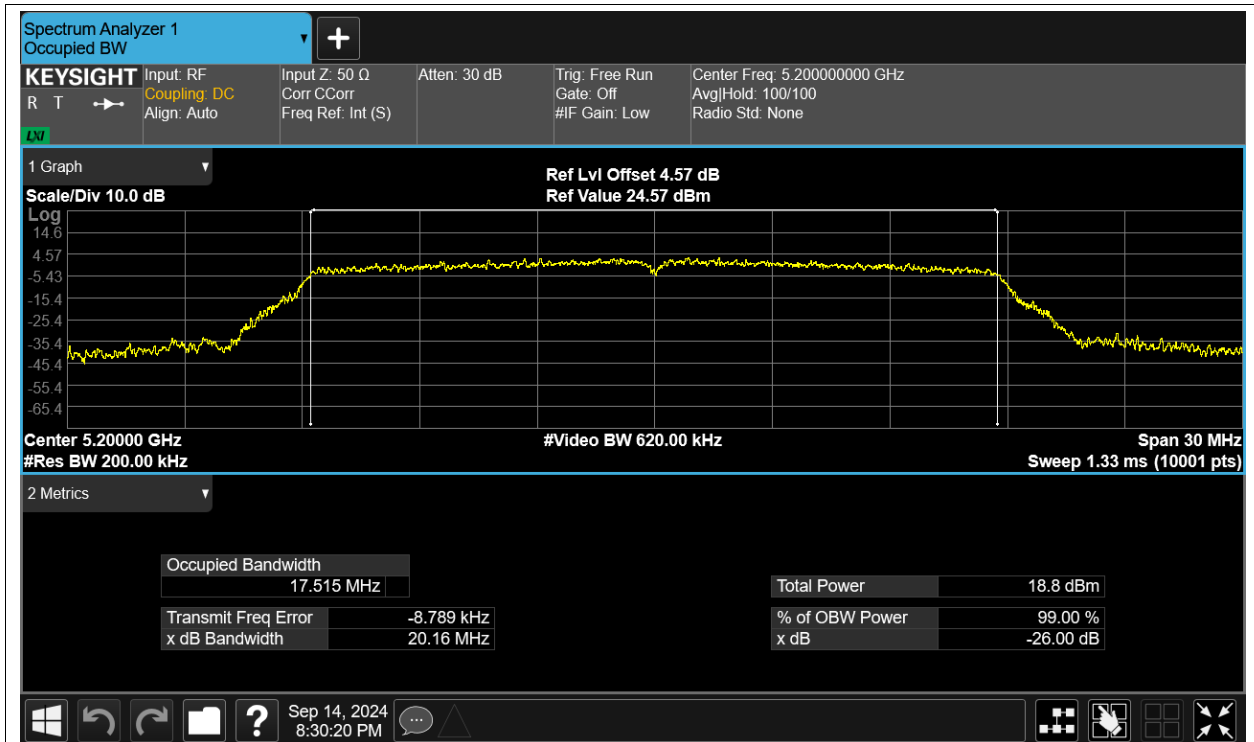
OBW NVNT a 5240MHz Ant0



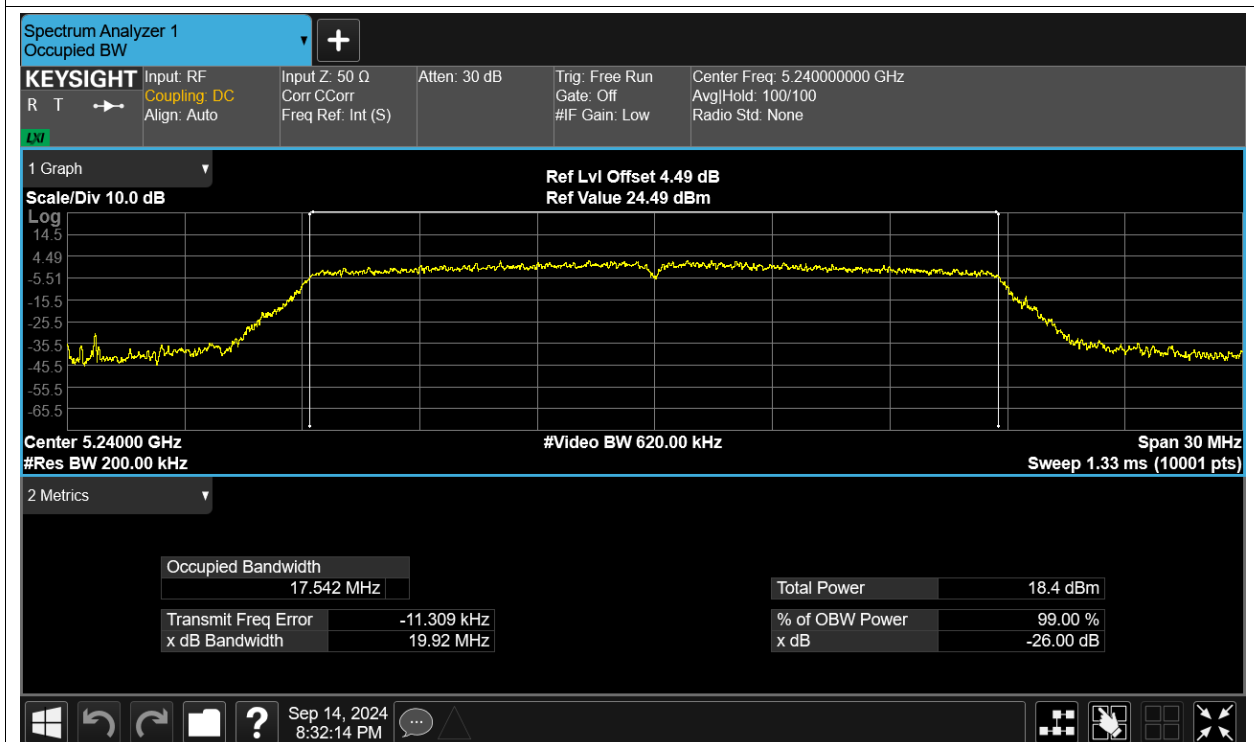
OBW NVNT ac20 5180MHz Ant0



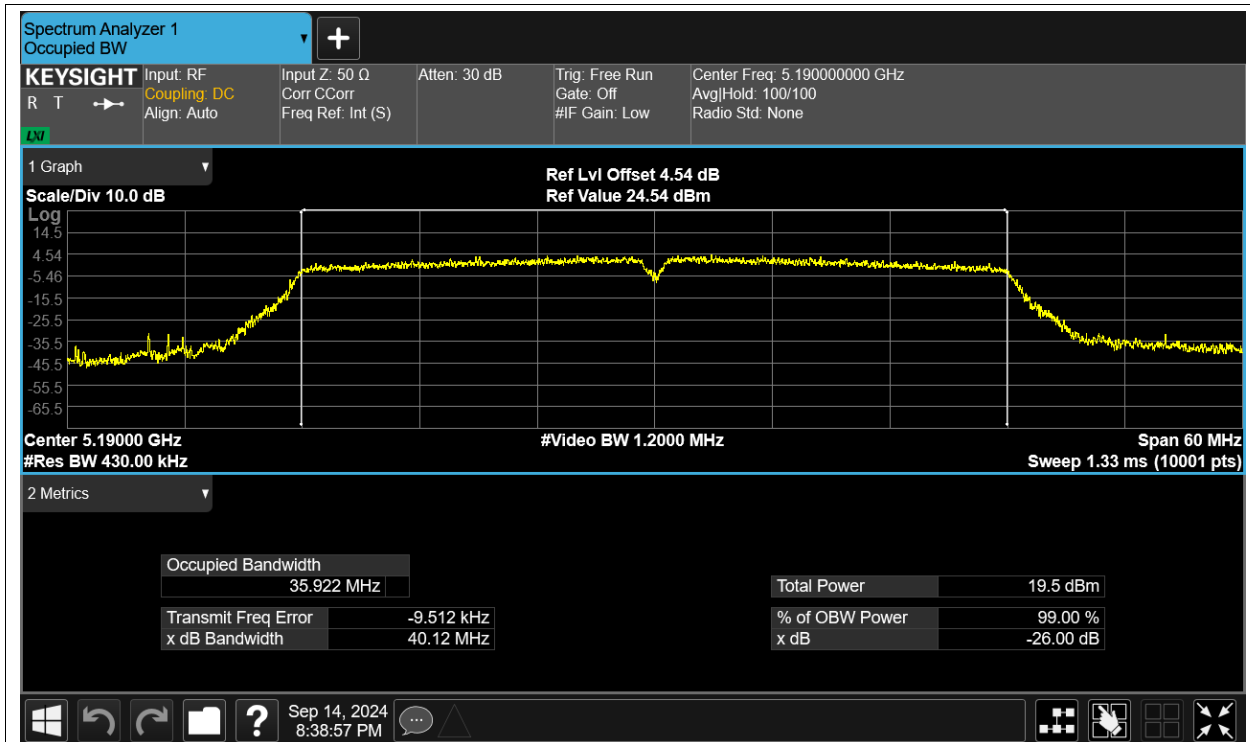
OBW NVNT ac20 5200MHz Ant0



OBW NVNT ac20 5240MHz Ant0



OBW NVNT ac40 5190MHz Ant0



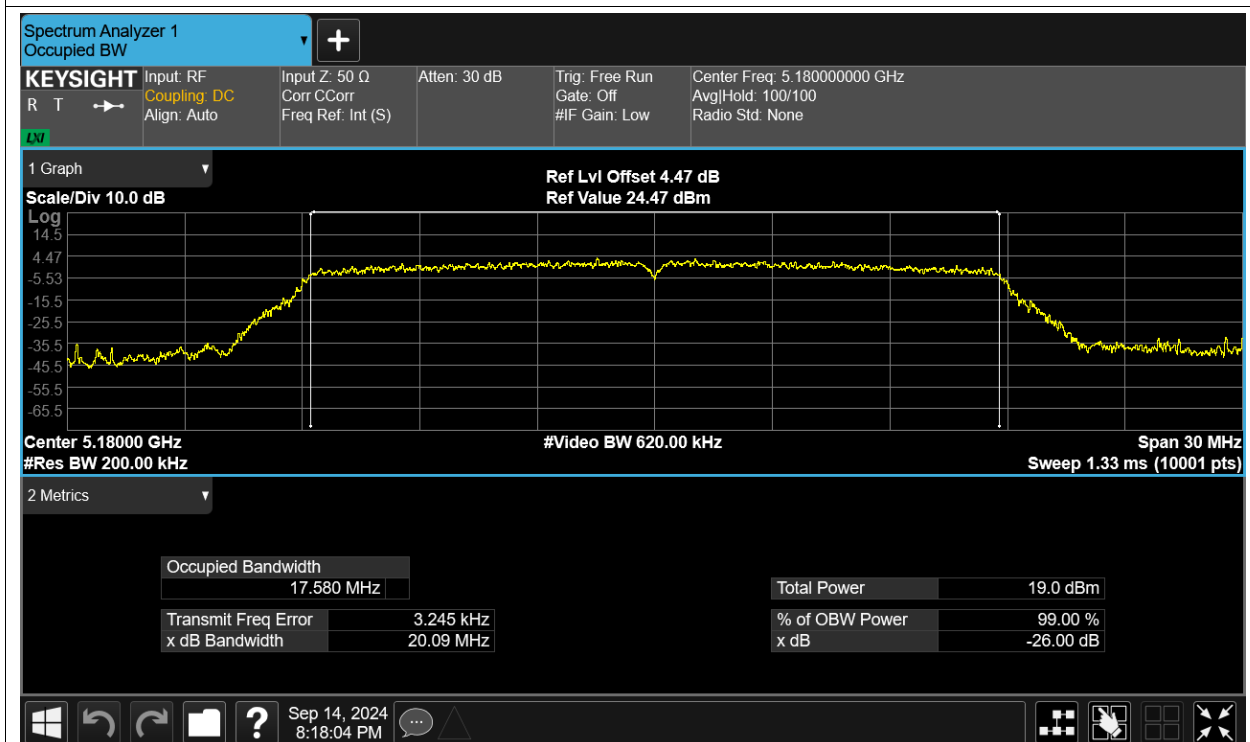
OBW NVNT ac40 5230MHz Ant0



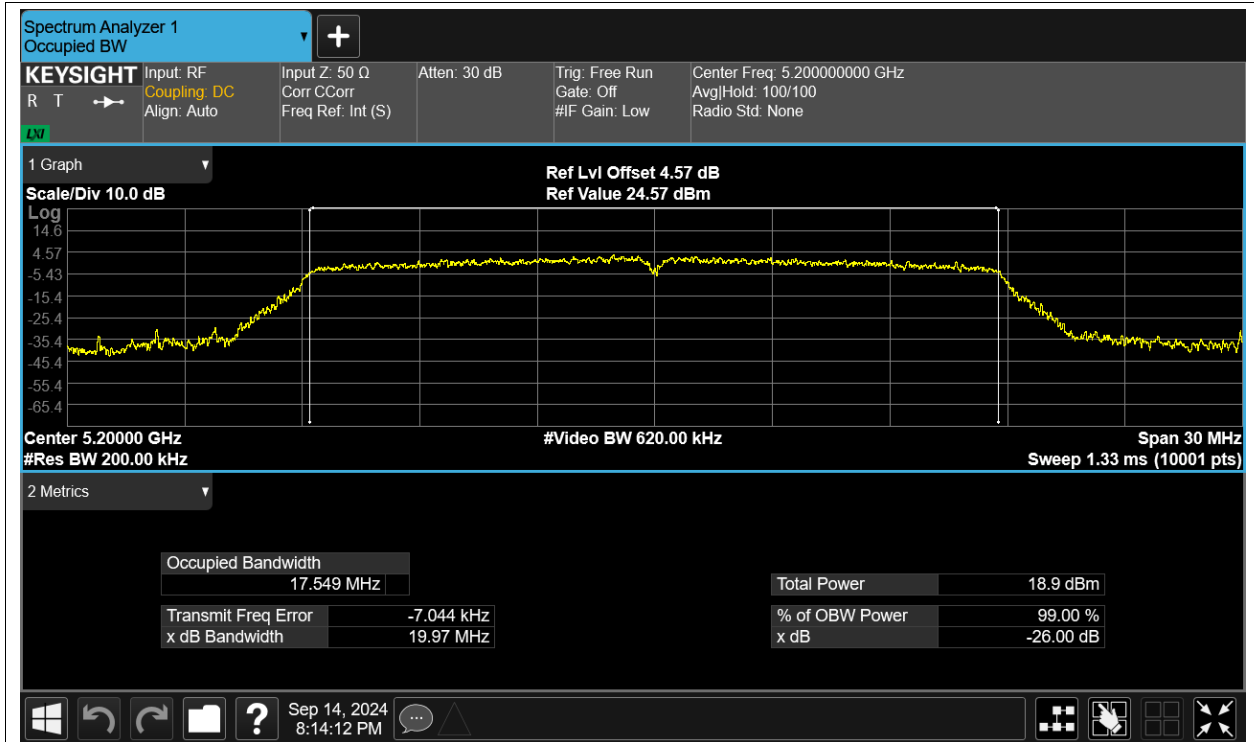
OBW NVNT ac80 5210MHz Ant0



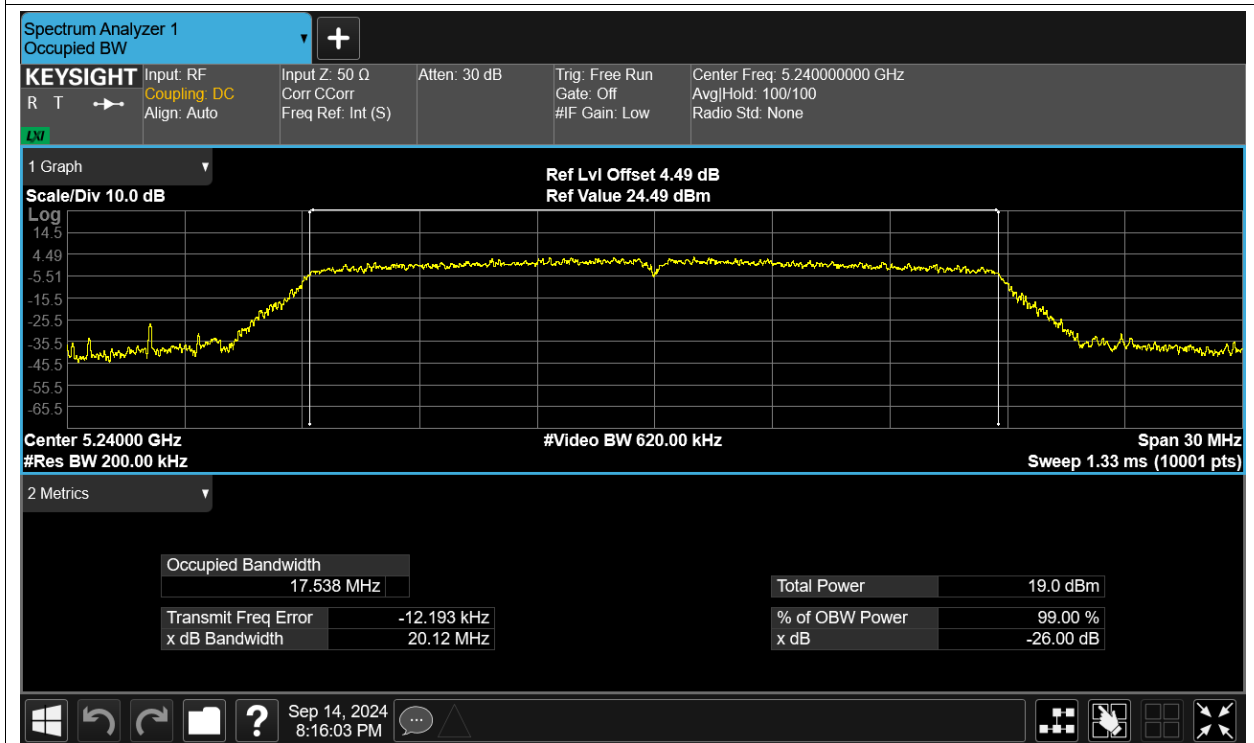
OBW NVNT n20 5180MHz Ant0



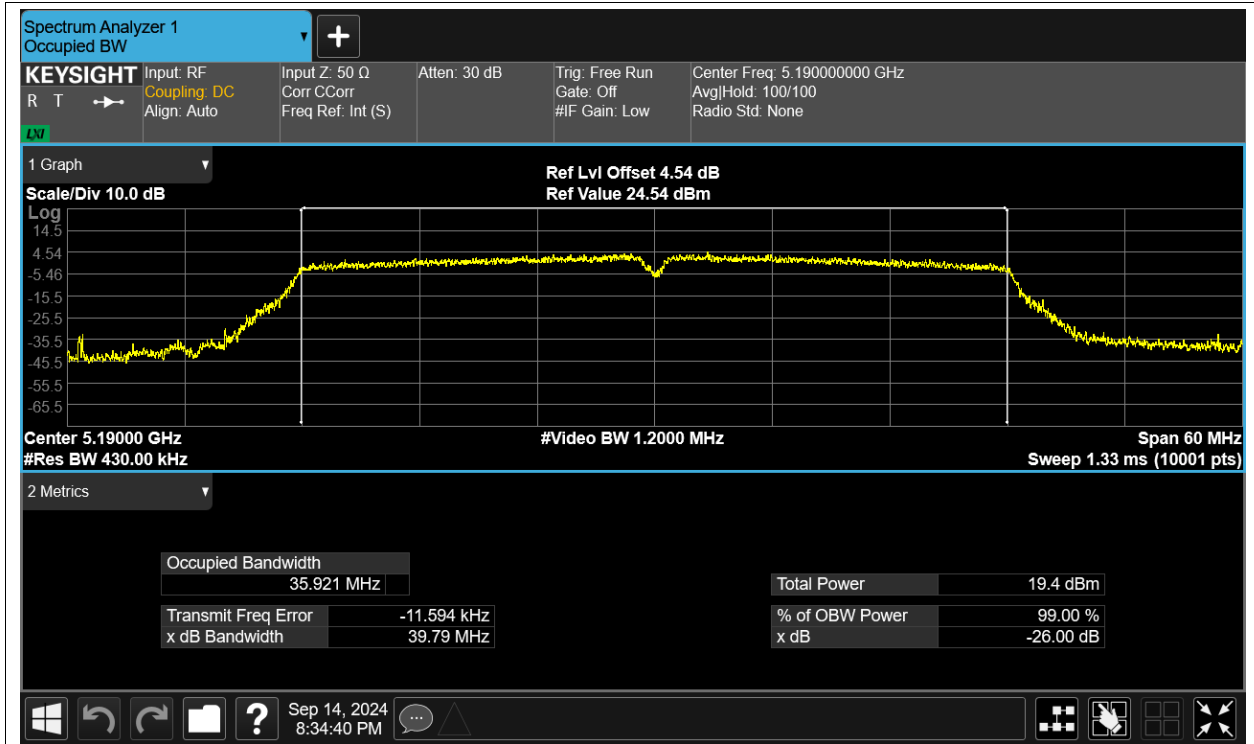
OBW NVNT n20 5200MHz Ant0



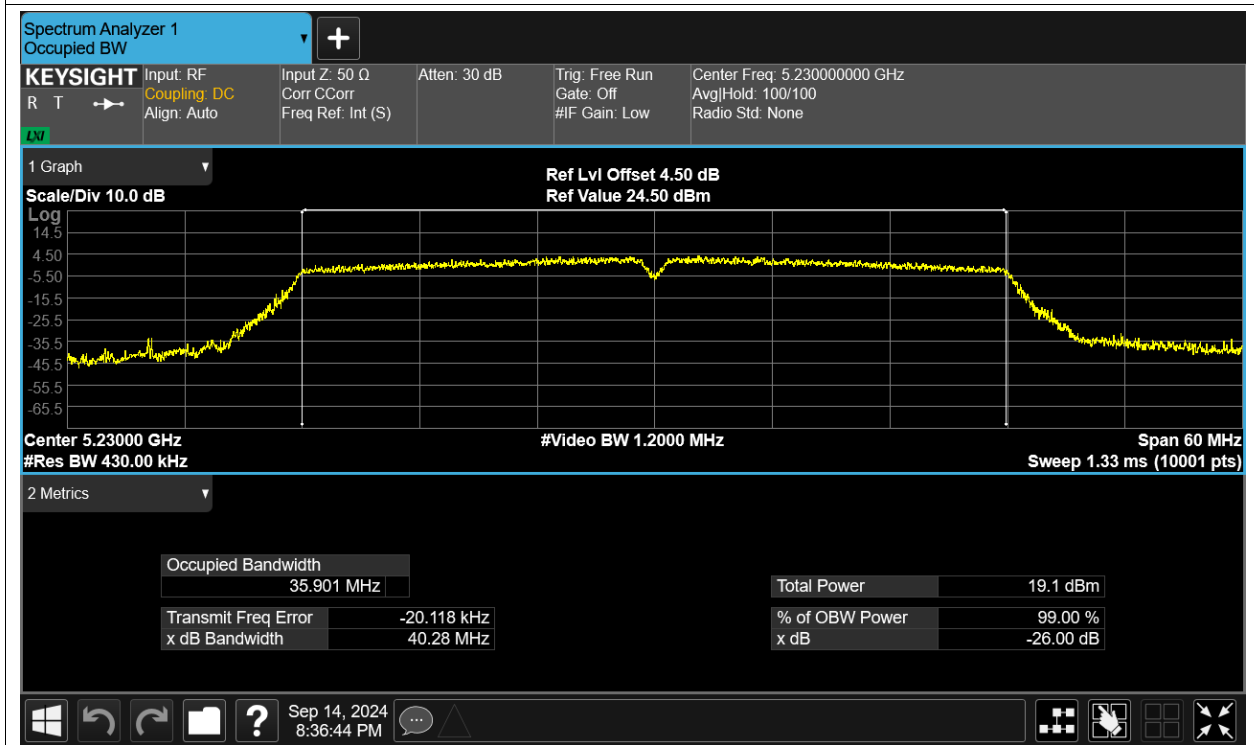
OBW NVNT n20 5240MHz Ant0



OBW NVNT n40 5190MHz Ant0



OBW NVNT n40 5230MHz Ant0



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	3.805	11	Pass
NVNT	a	5200	Ant0	3.973	11	Pass
NVNT	a	5240	Ant0	4.158	11	Pass
NVNT	ac20	5180	Ant0	3.381	11	Pass
NVNT	ac20	5200	Ant0	3.574	11	Pass
NVNT	ac20	5240	Ant0	3.053	11	Pass
NVNT	ac40	5190	Ant0	1.409	11	Pass
NVNT	ac40	5230	Ant0	1.061	11	Pass
NVNT	ac80	5210	Ant0	-2.29	11	Pass
NVNT	n20	5180	Ant0	3.773	11	Pass
NVNT	n20	5200	Ant0	3.858	11	Pass
NVNT	n20	5240	Ant0	3.682	11	Pass
NVNT	n40	5190	Ant0	1.179	11	Pass
NVNT	n40	5230	Ant0	1.018	11	Pass

Test Graphs

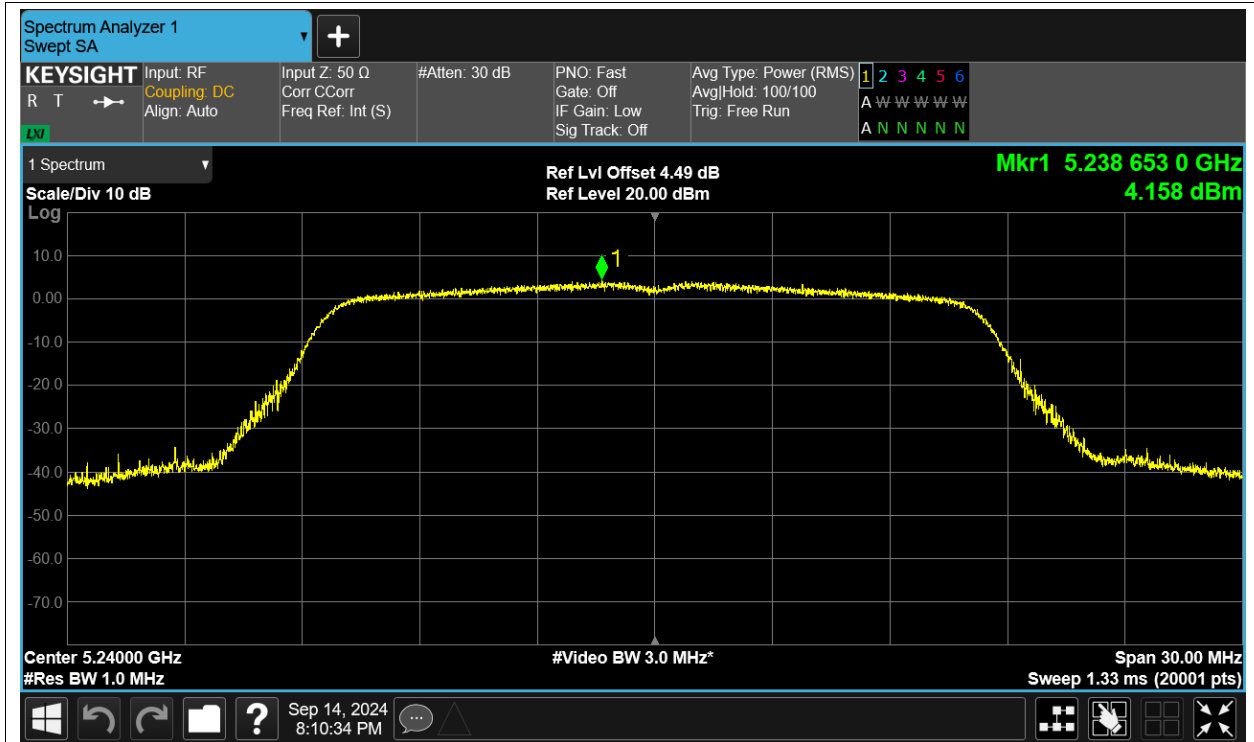
PSD NVNT a 5180MHz Ant0



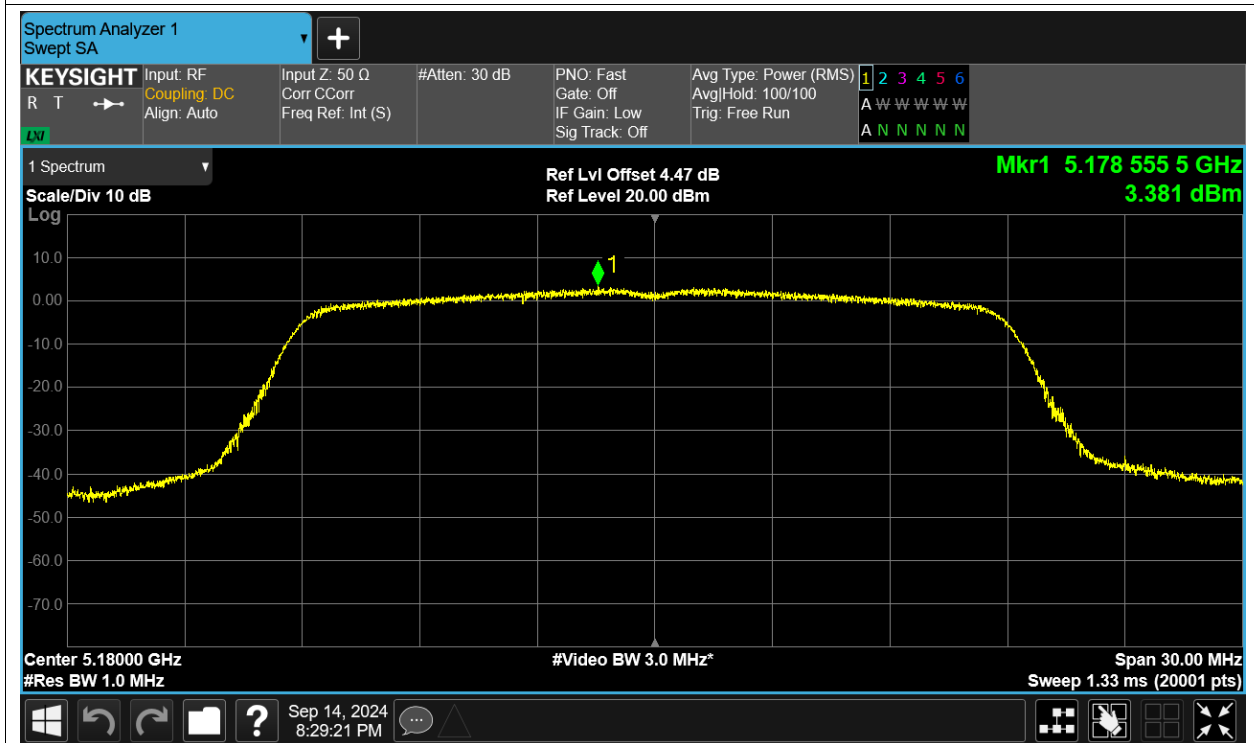
PSD NVNT a 5200MHz Ant0



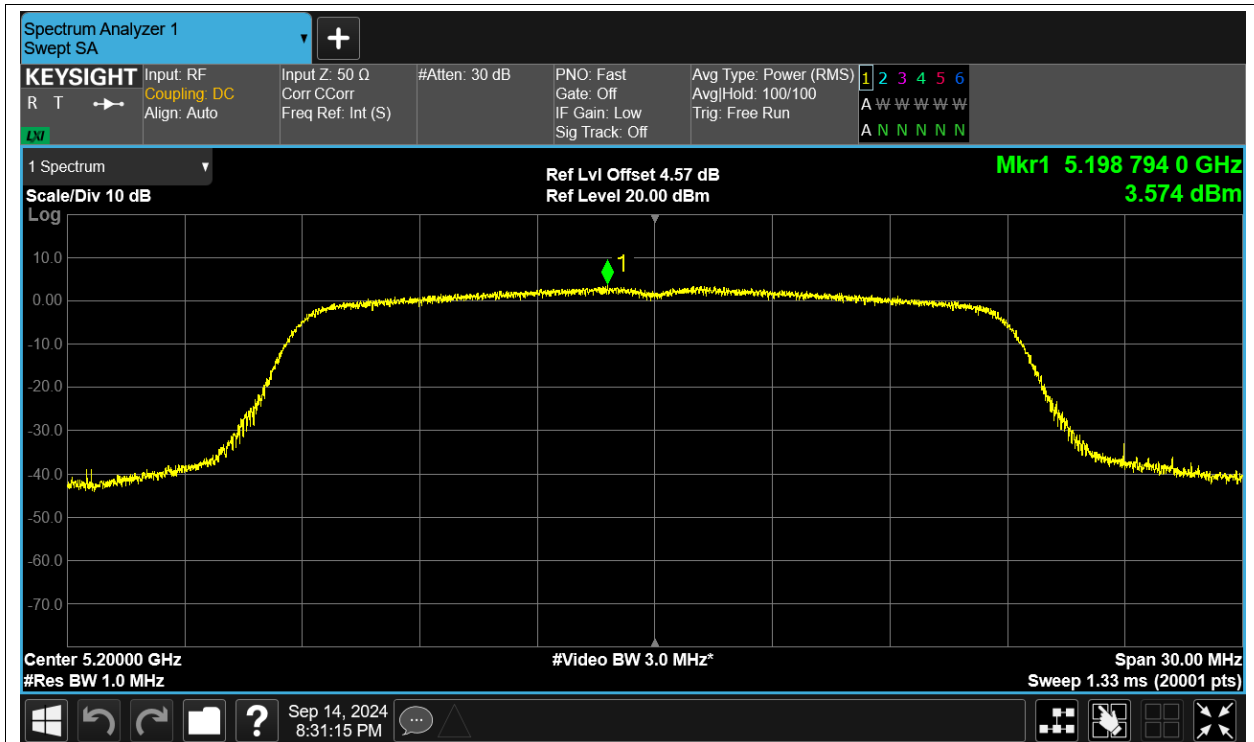
PSD NVNT a 5240MHz Ant0



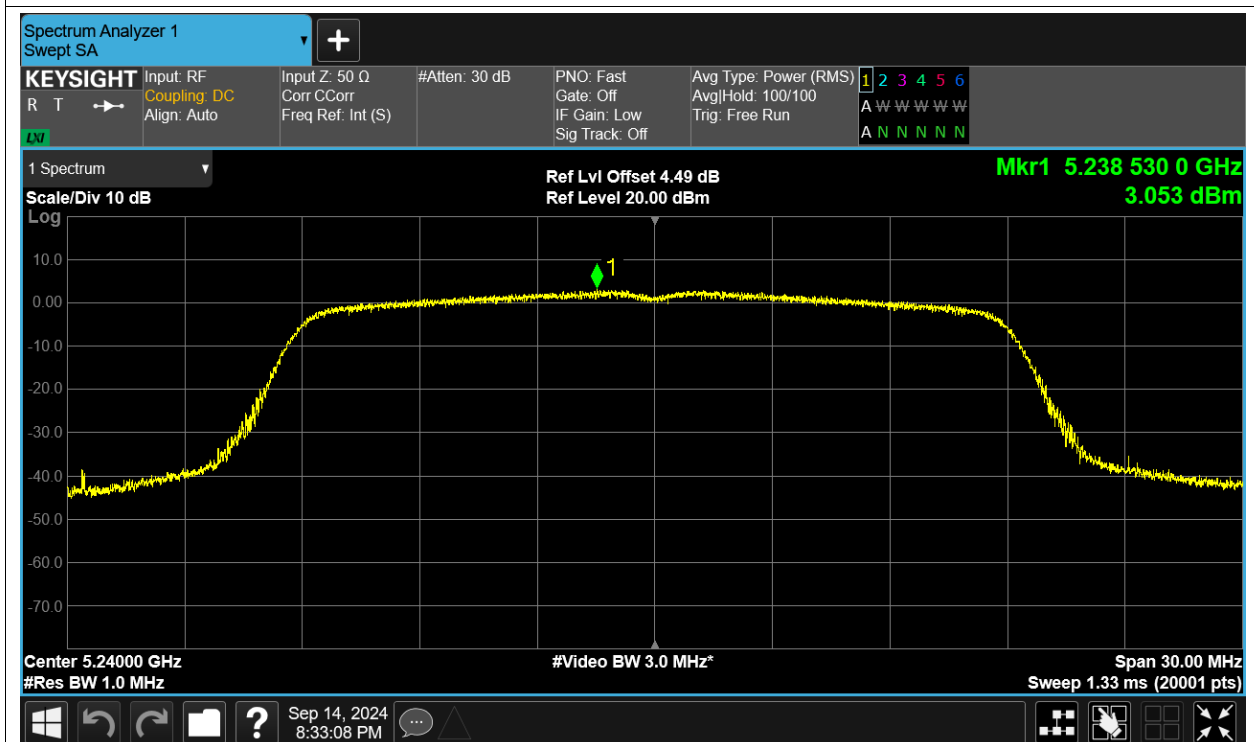
PSD NVNT ac20 5180MHz Ant0



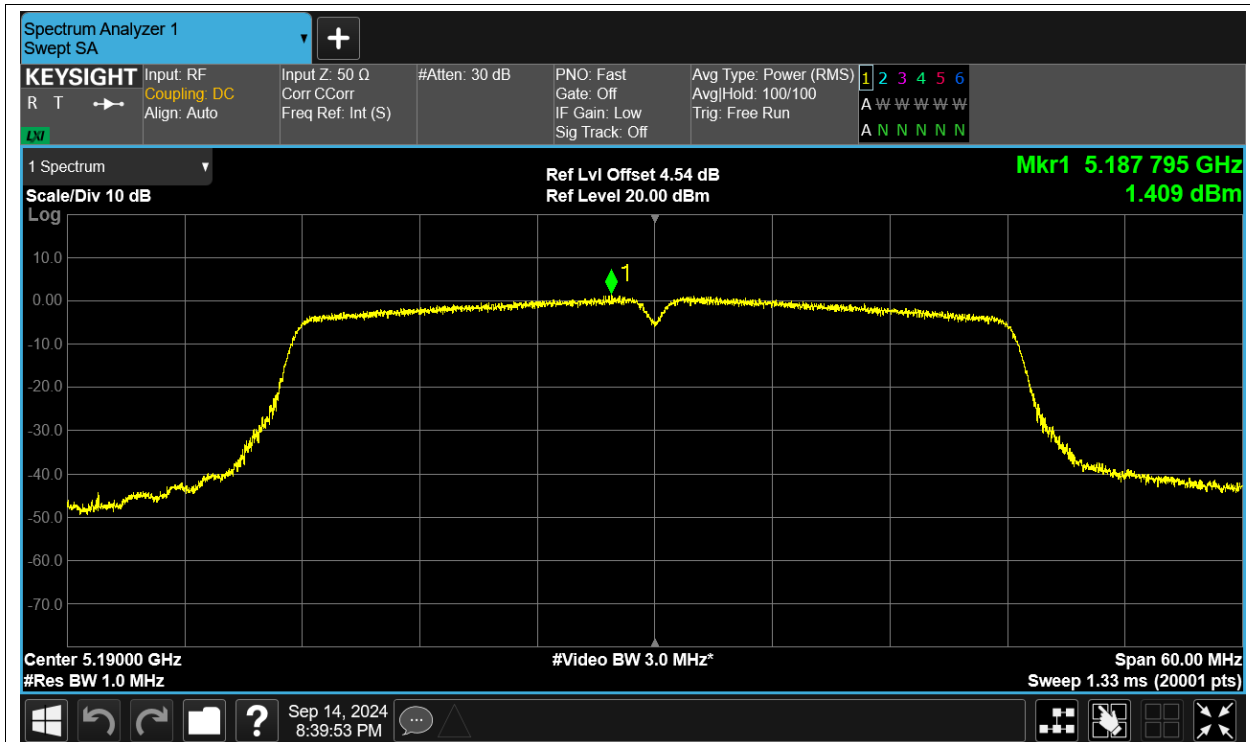
PSD NVNT ac20 5200MHz Ant0



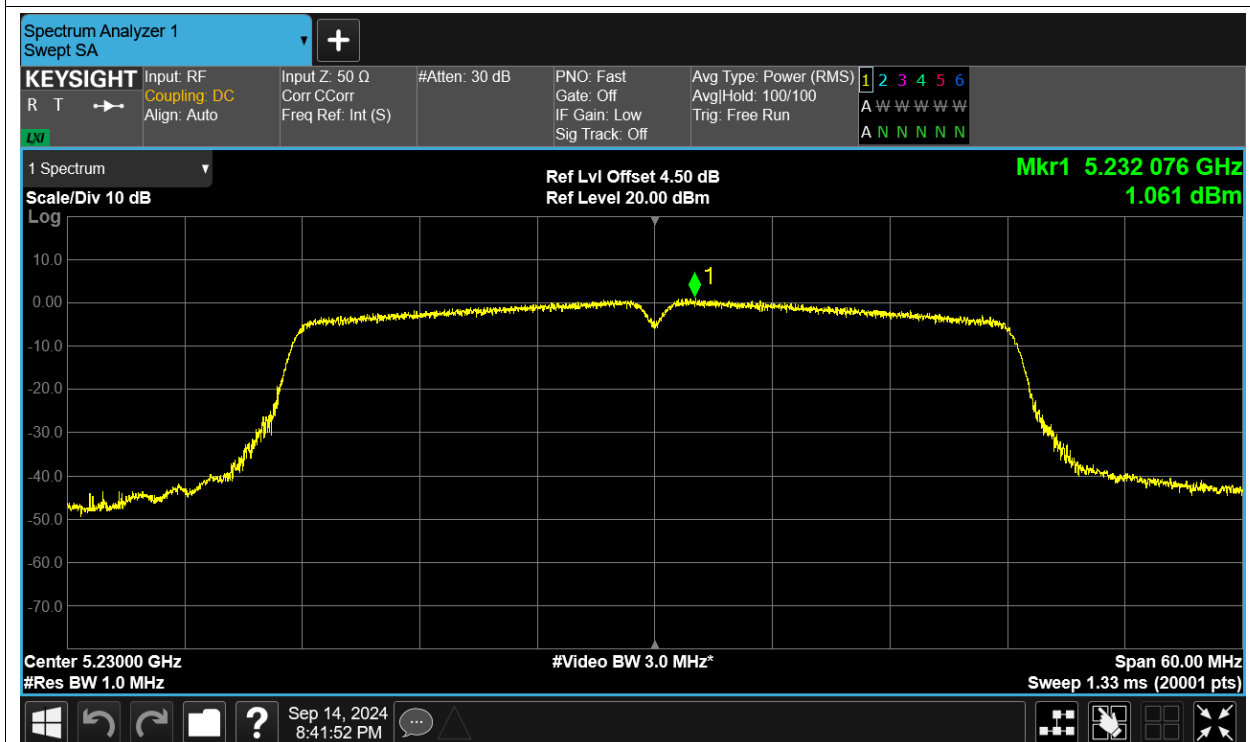
PSD NVNT ac20 5240MHz Ant0



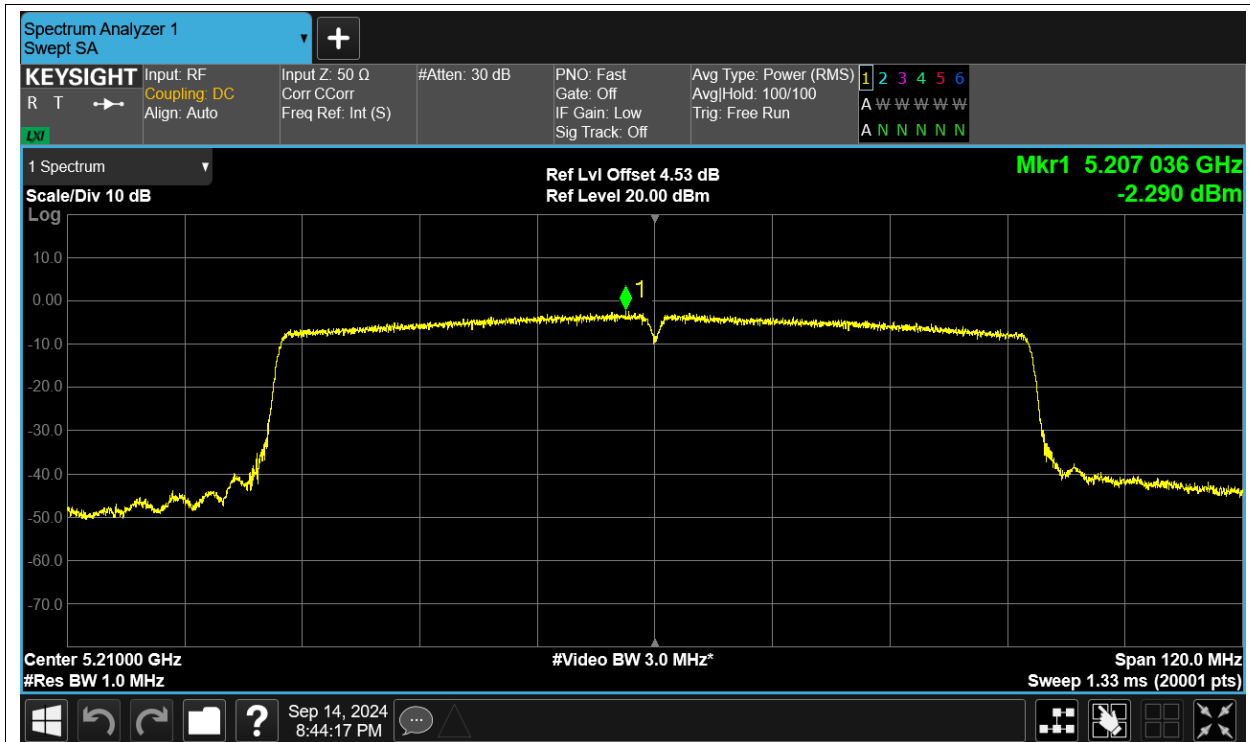
PSD NVNT ac40 5190MHz Ant0



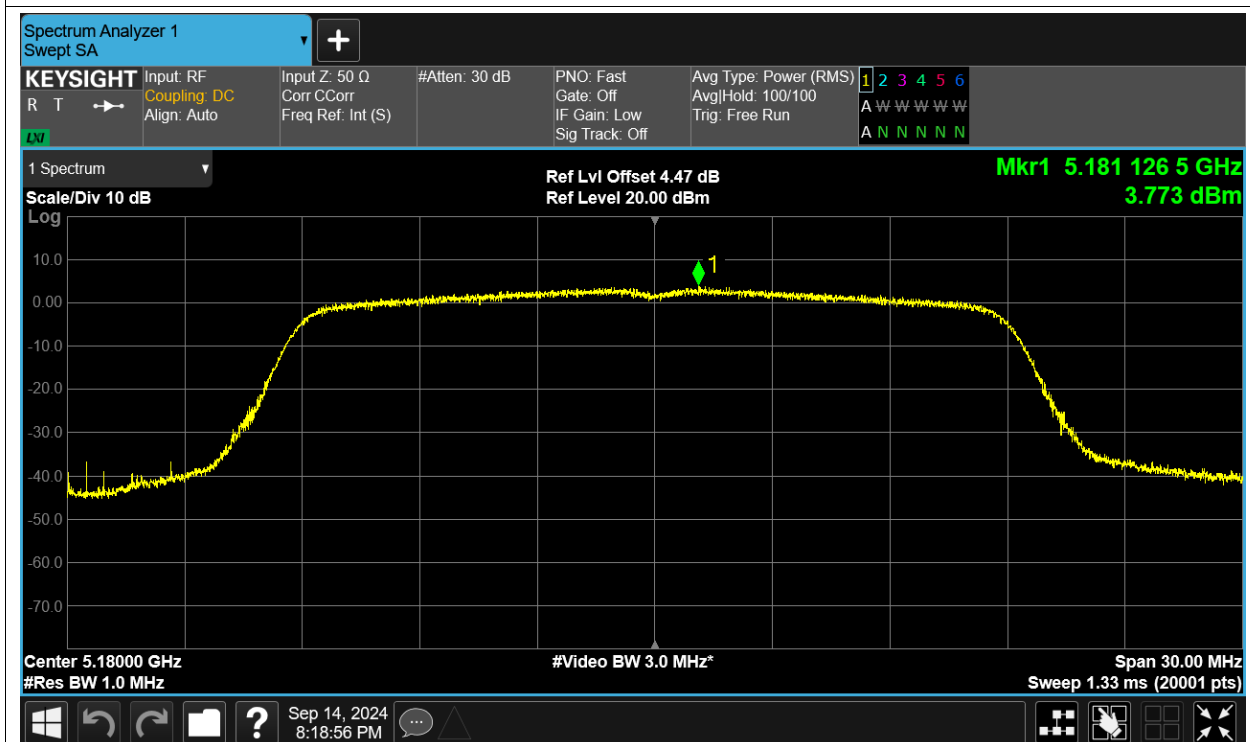
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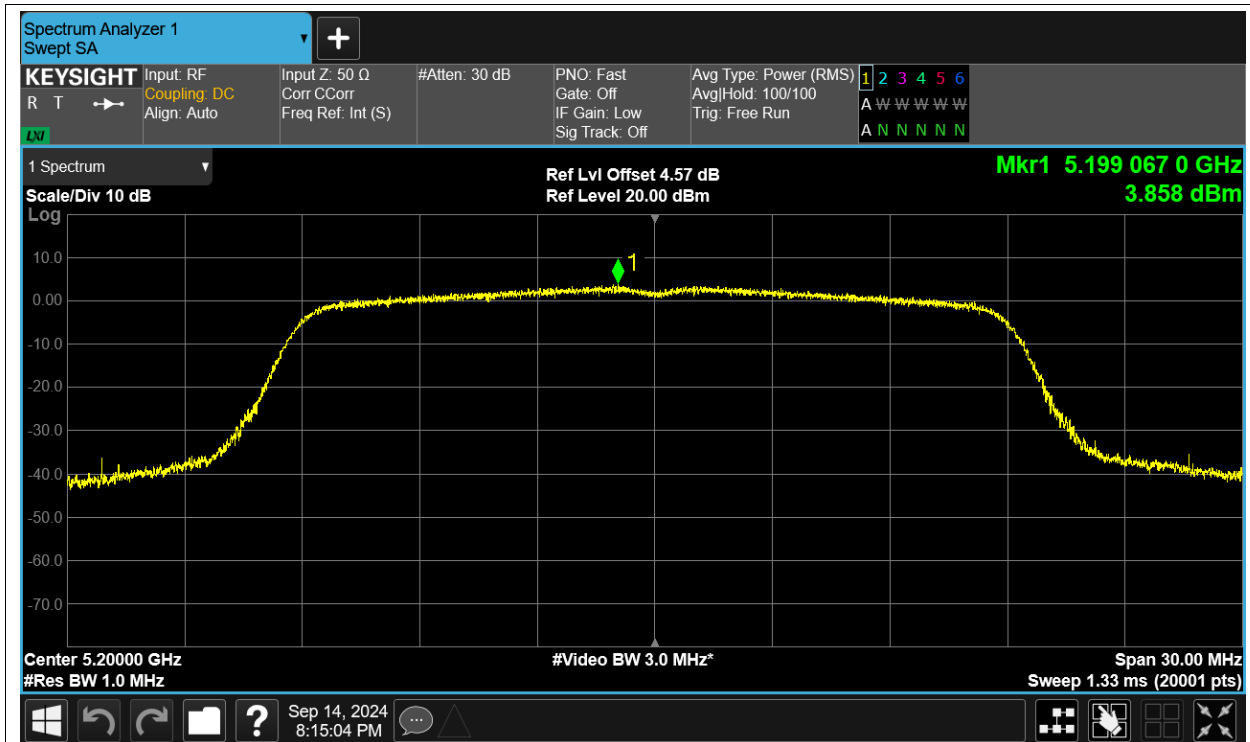
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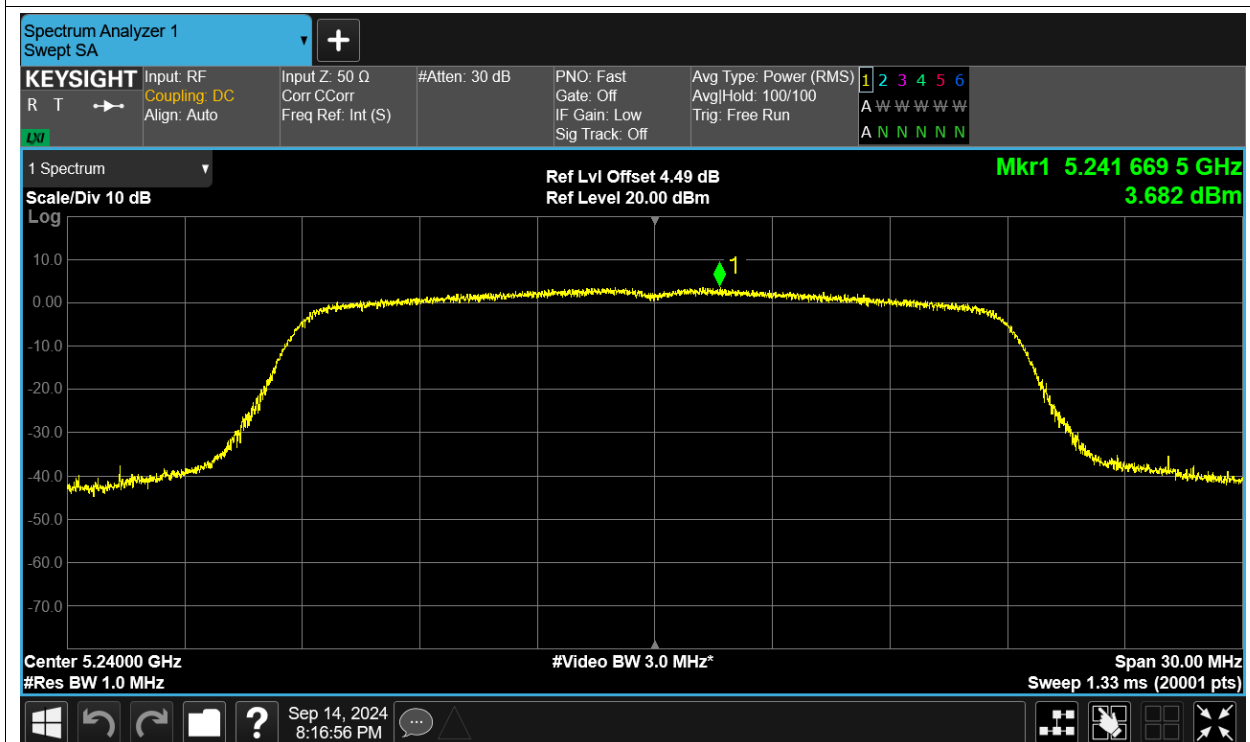
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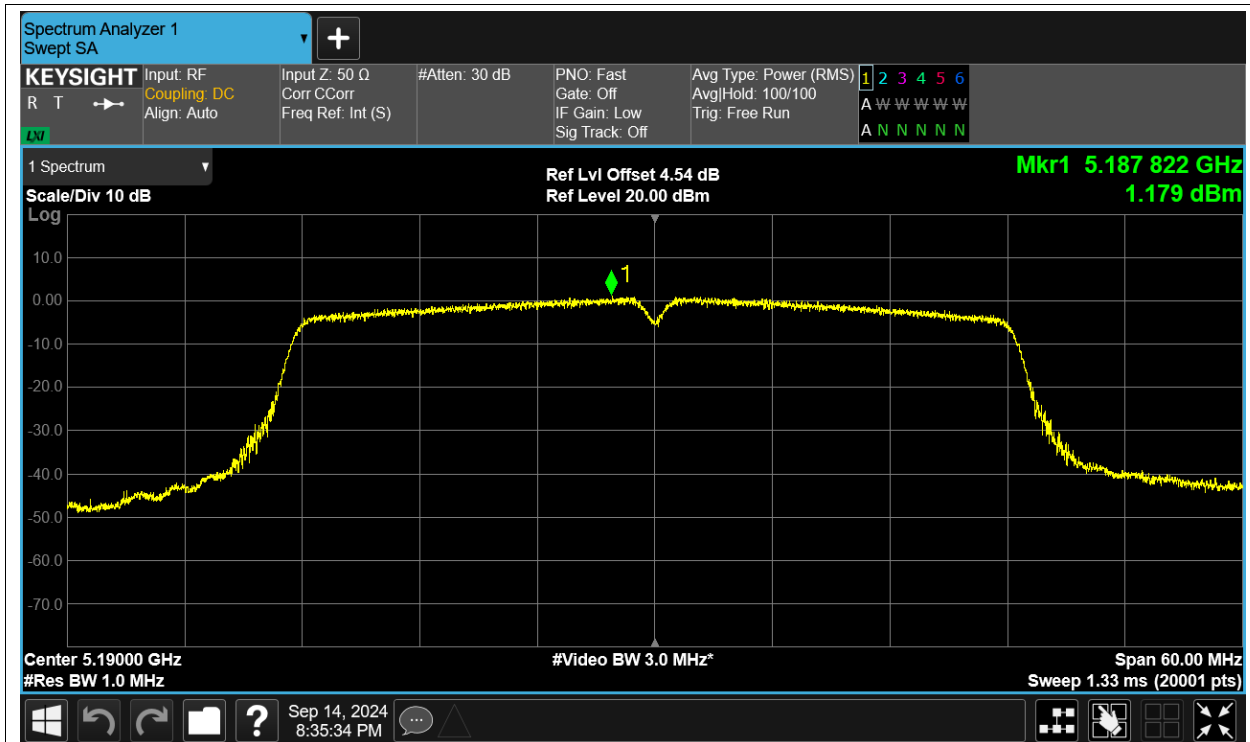
PSD NVNT n20 5200MHz Ant0



PSD NVNT n20 5240MHz Ant0



PSD NVNT n40 5190MHz Ant0



PSD NVNT n40 5230MHz Ant0

