

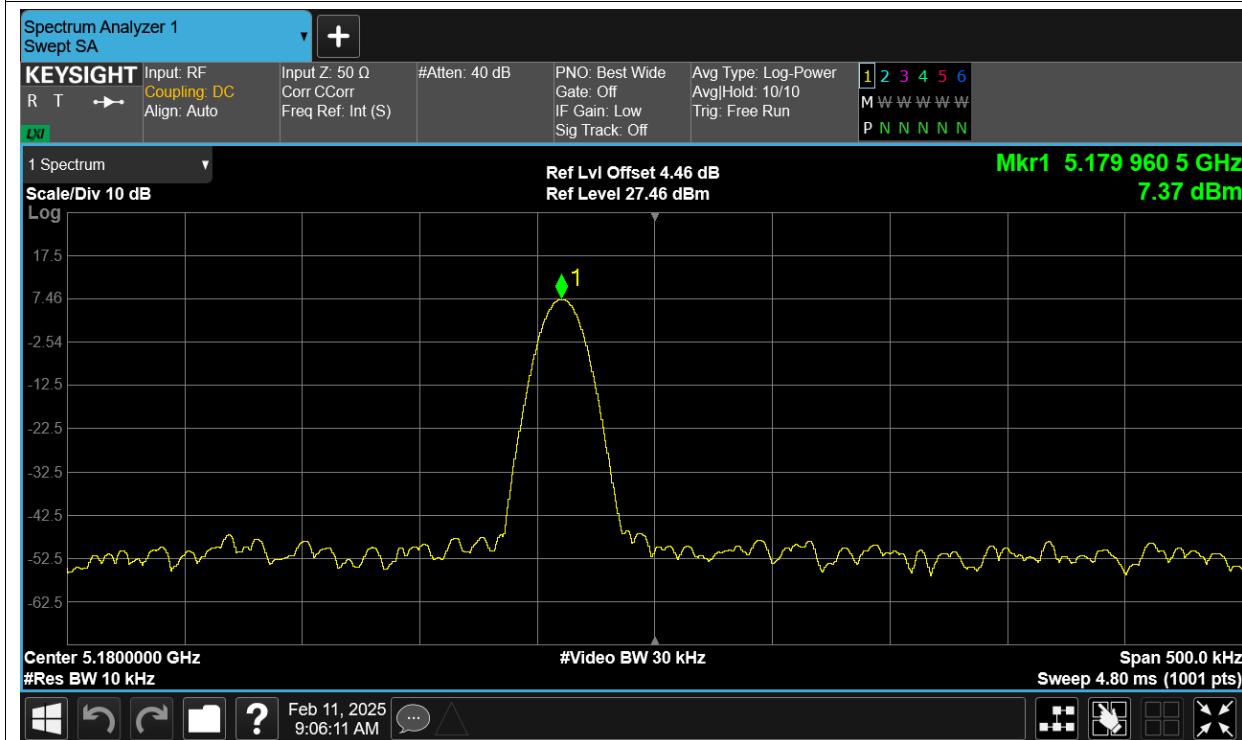
Test Data

Frequency Stability

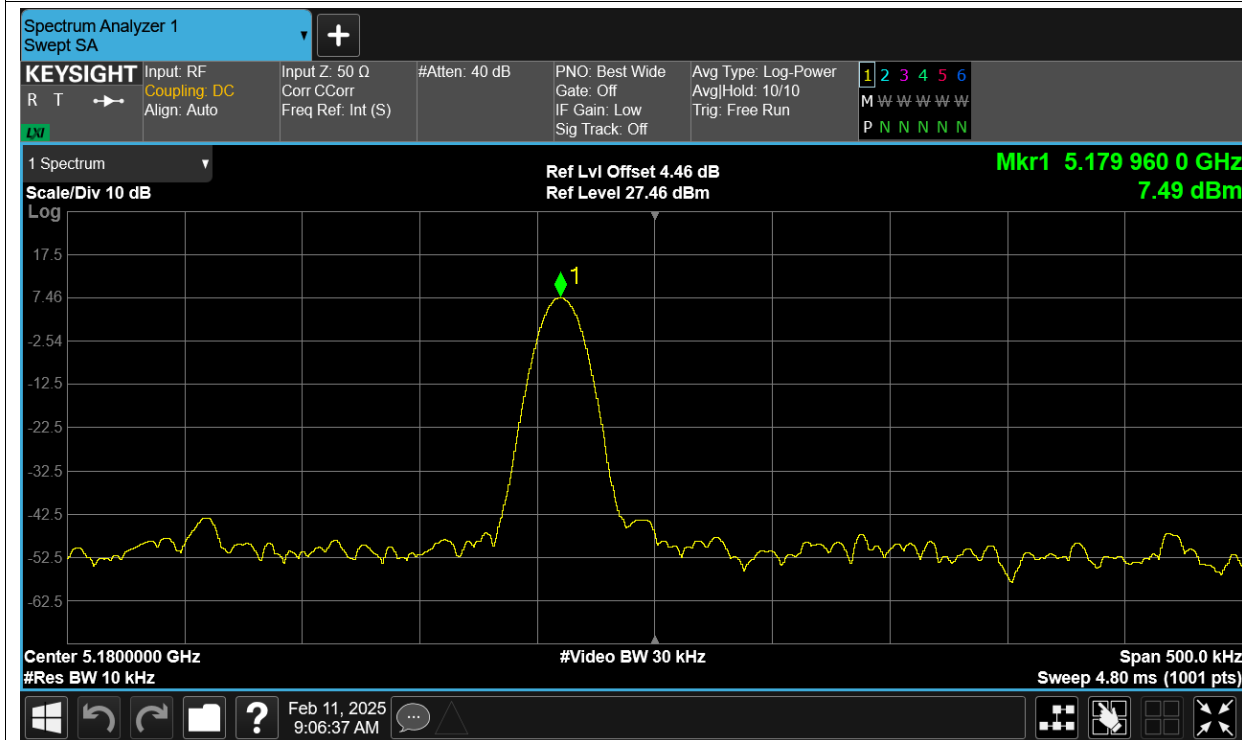
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9605	-7.63	25	Pass
LVNT	a	5180	Ant1	5179.96	-7.72	25	Pass
NVHT	a	5180	Ant1	5179.96	-7.72	25	Pass
NVLT	a	5180	Ant1	5179.96	-7.72	25	Pass
NVNT	a	5180	Ant1	5179.96	-7.72	25	Pass
HVNT	ac80	5210	Ant1	5209.96	-7.68	25	Pass
LVNT	ac80	5210	Ant1	5209.96	-7.68	25	Pass
NVHT	ac80	5210	Ant1	5209.96	-7.68	25	Pass
NVLT	ac80	5210	Ant1	5209.96	-7.68	25	Pass
NVNT	ac80	5210	Ant1	5209.960368893	-7.61	25	Pass
HVNT	n40	5190	Ant1	5189.9605	-7.61	25	Pass
LVNT	n40	5190	Ant1	5189.96	-7.71	25	Pass
NVHT	n40	5190	Ant1	5189.96	-7.71	25	Pass
NVLT	n40	5190	Ant1	5189.96	-7.71	25	Pass
NVNT	n40	5190	Ant1	5189.9605	-7.61	25	Pass

Test Graphs

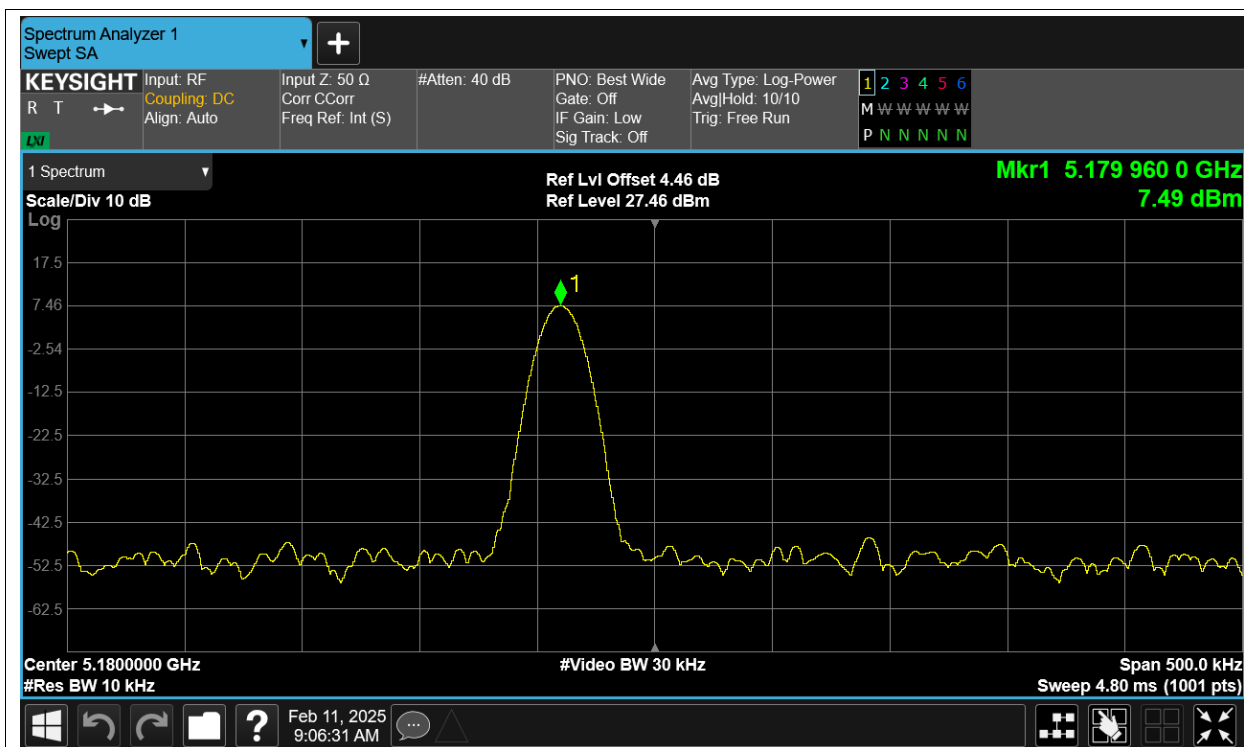
Freq. Stability HVNT a 5180MHz Ant1



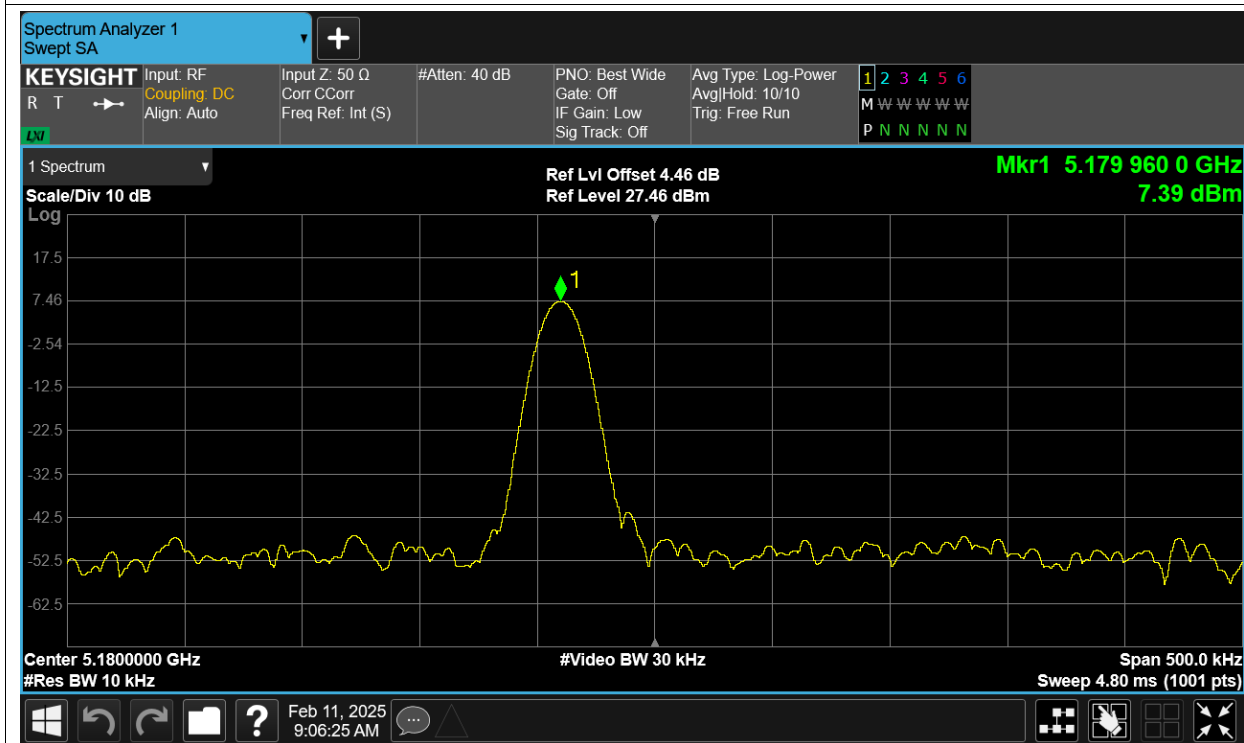
Freq. Stability LVNT a 5180MHz Ant1



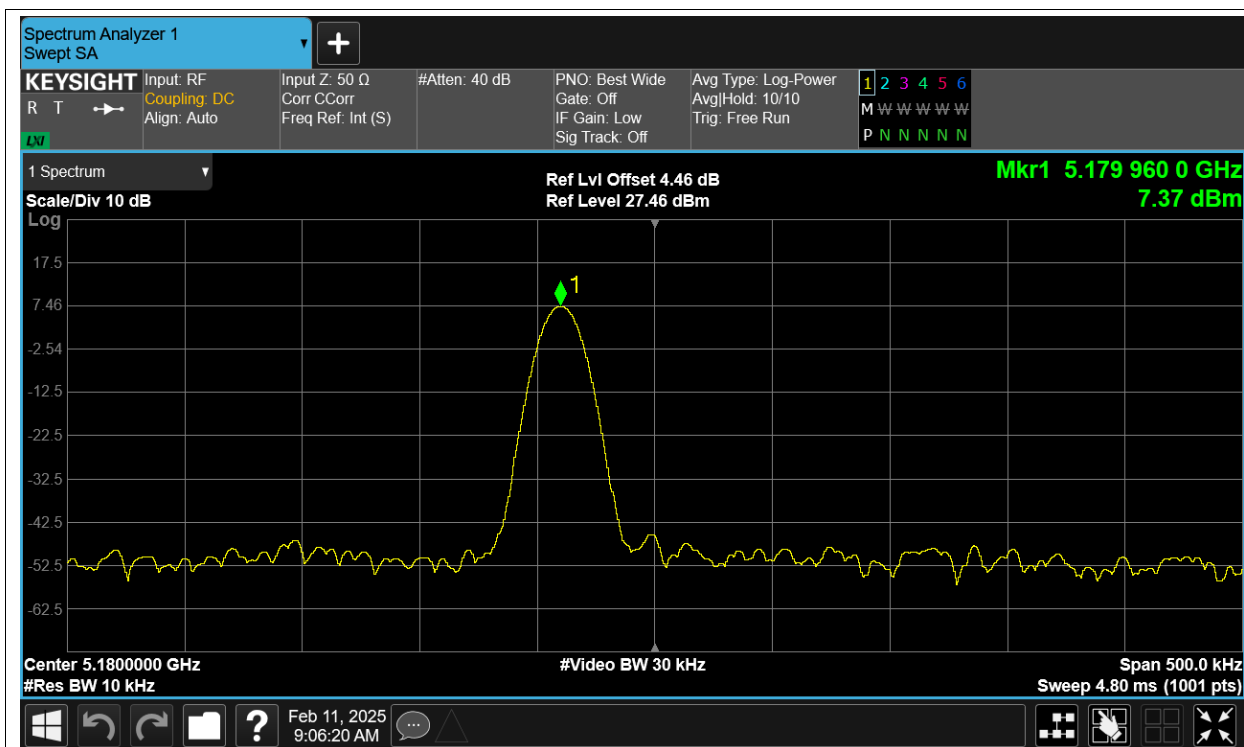
Freq. Stability NVHT a 5180MHz Ant1



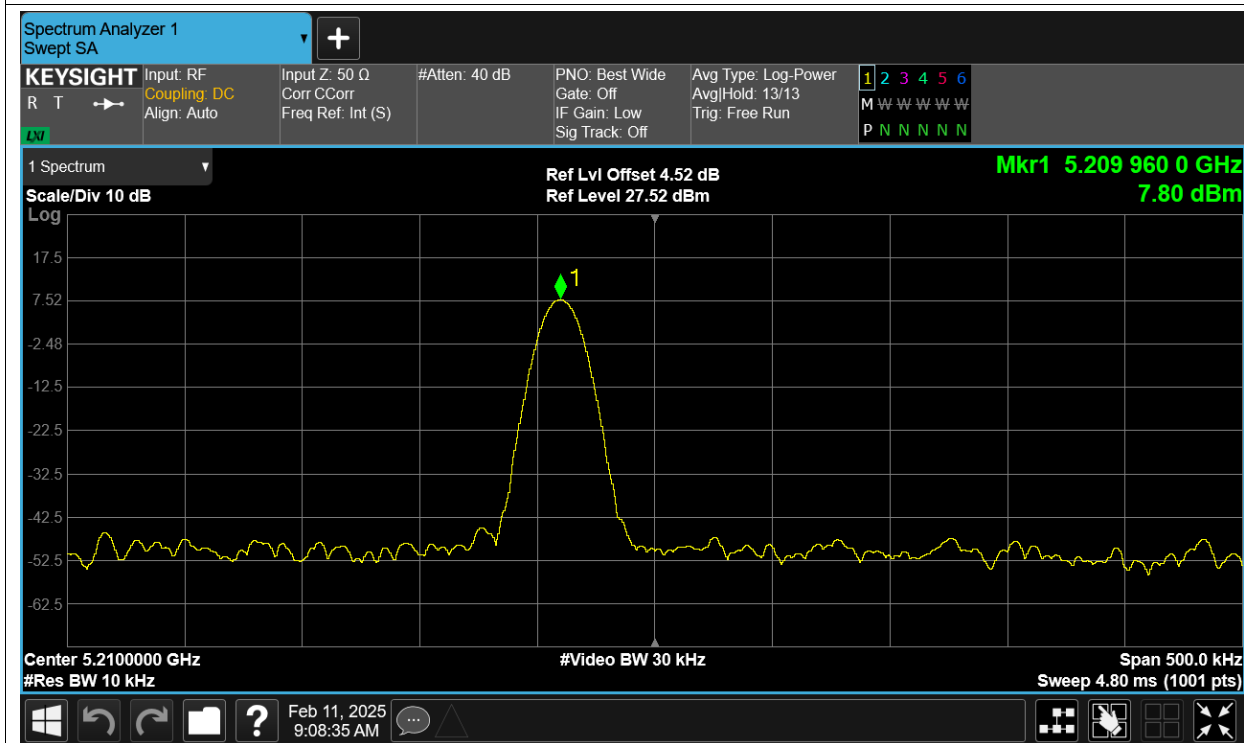
Freq. Stability NVLT a 5180MHz Ant1



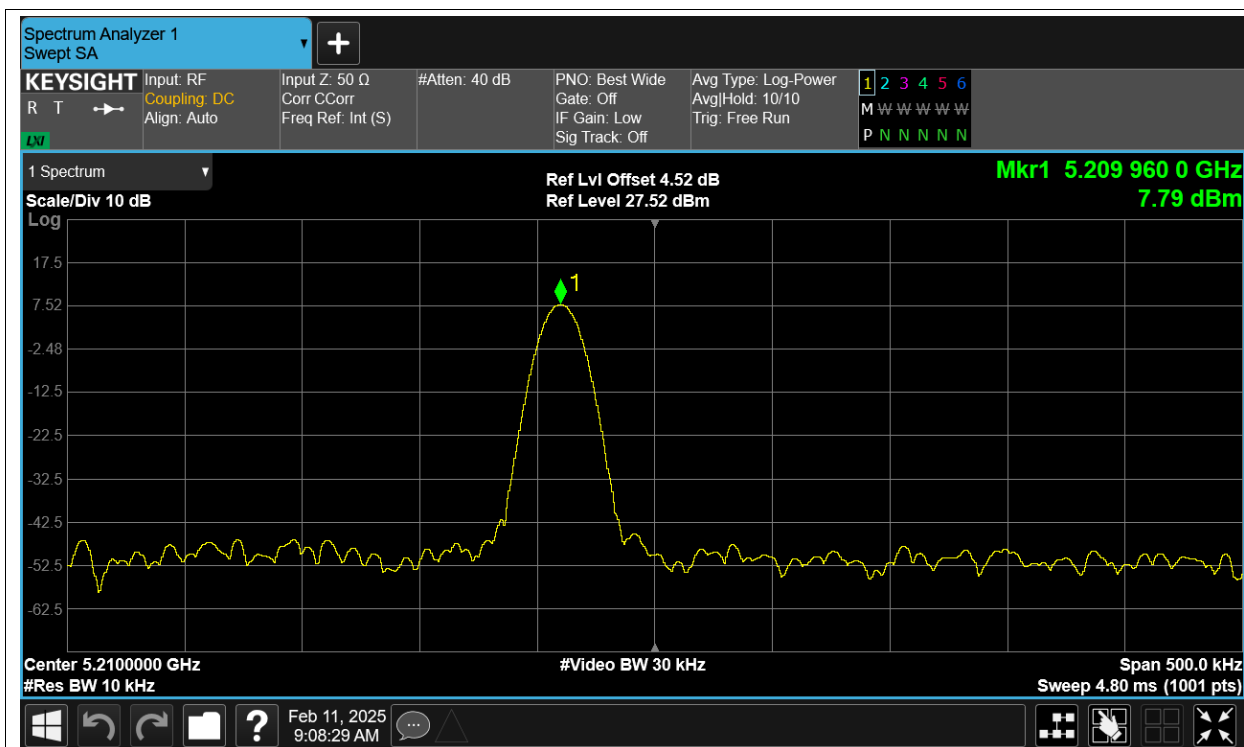
Freq. Stability NVNT a 5180MHz Ant1



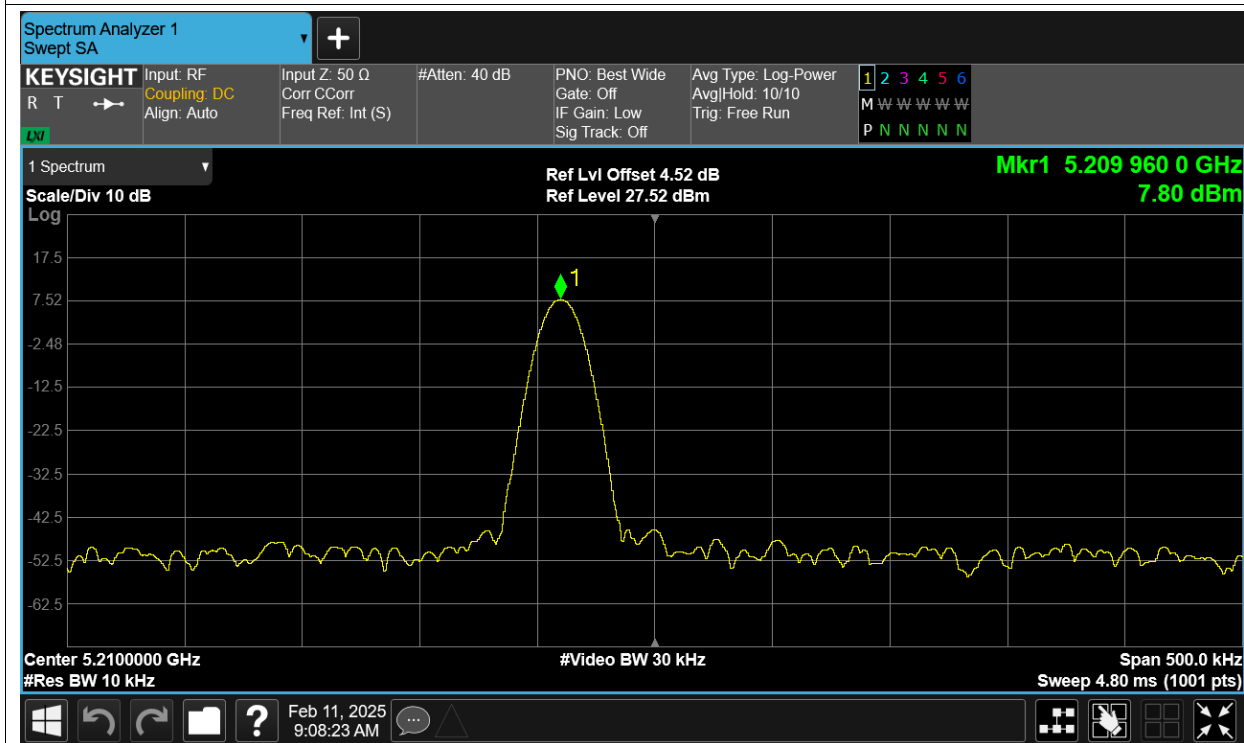
Freq. Stability HVNT ac80 5210MHz Ant1



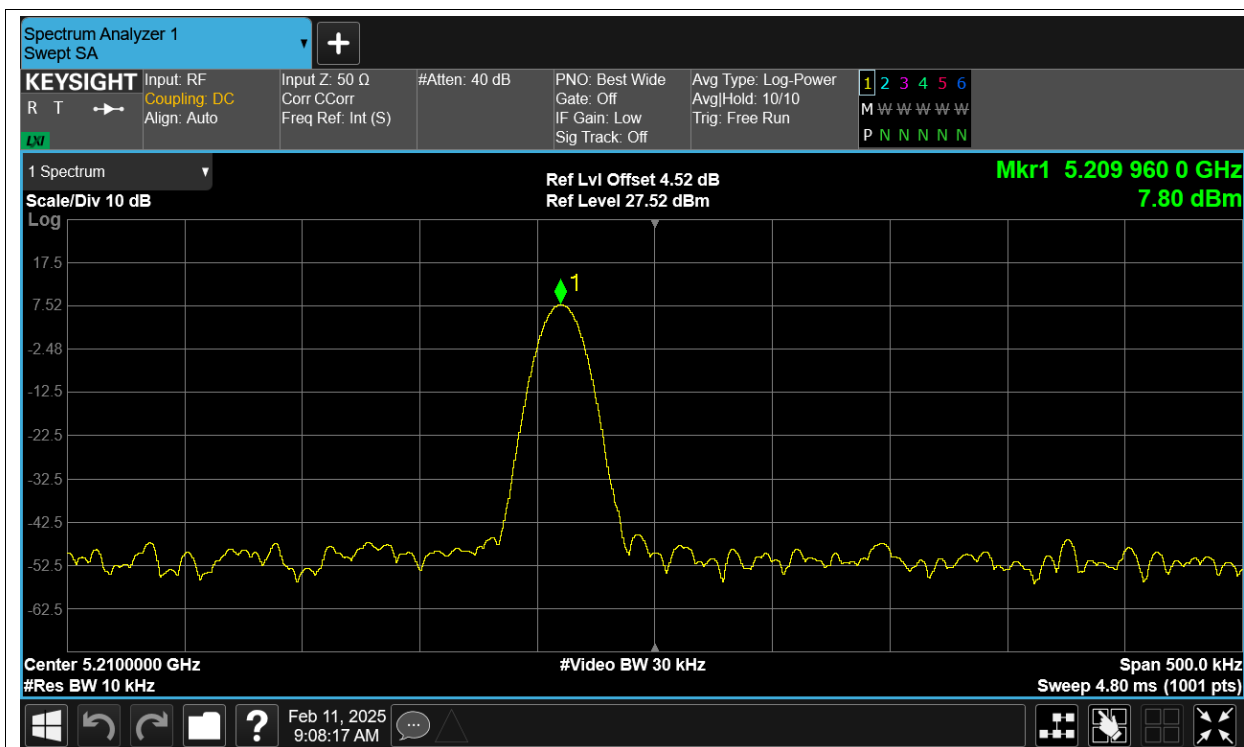
Freq. Stability LVNT ac80 5210MHz Ant1



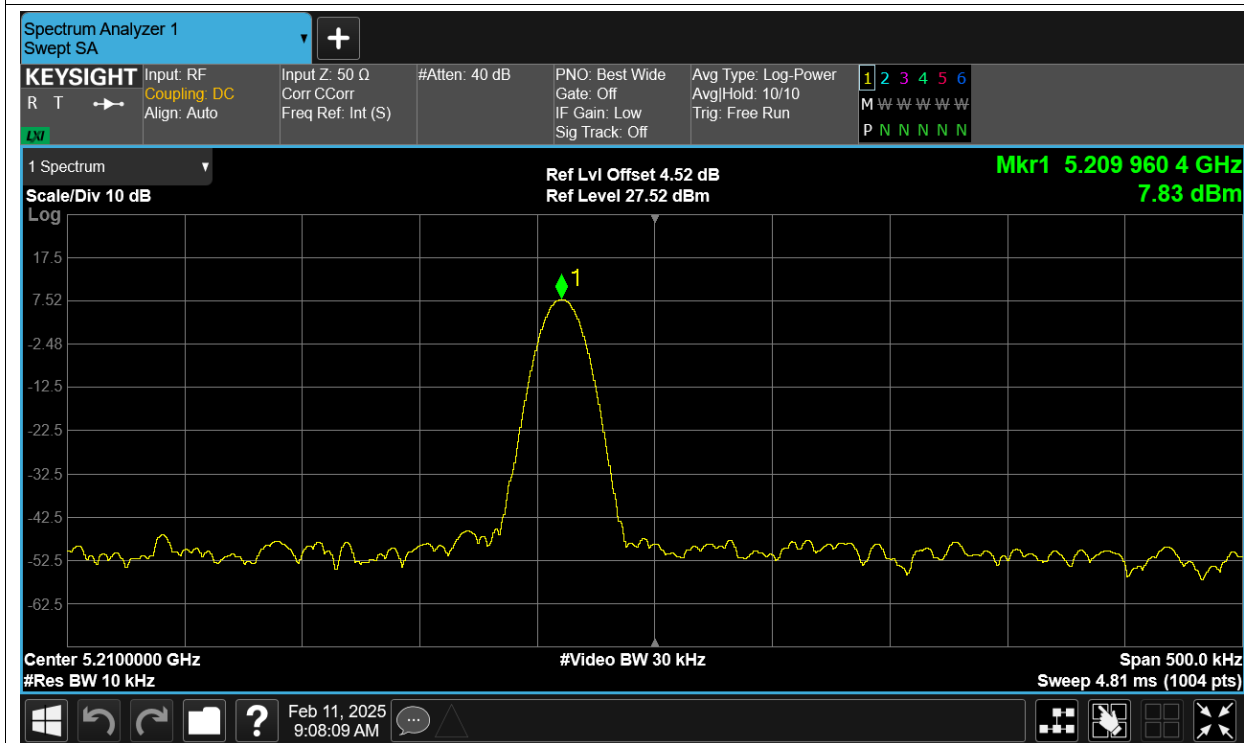
Freq. Stability NVHT ac80 5210MHz Ant1



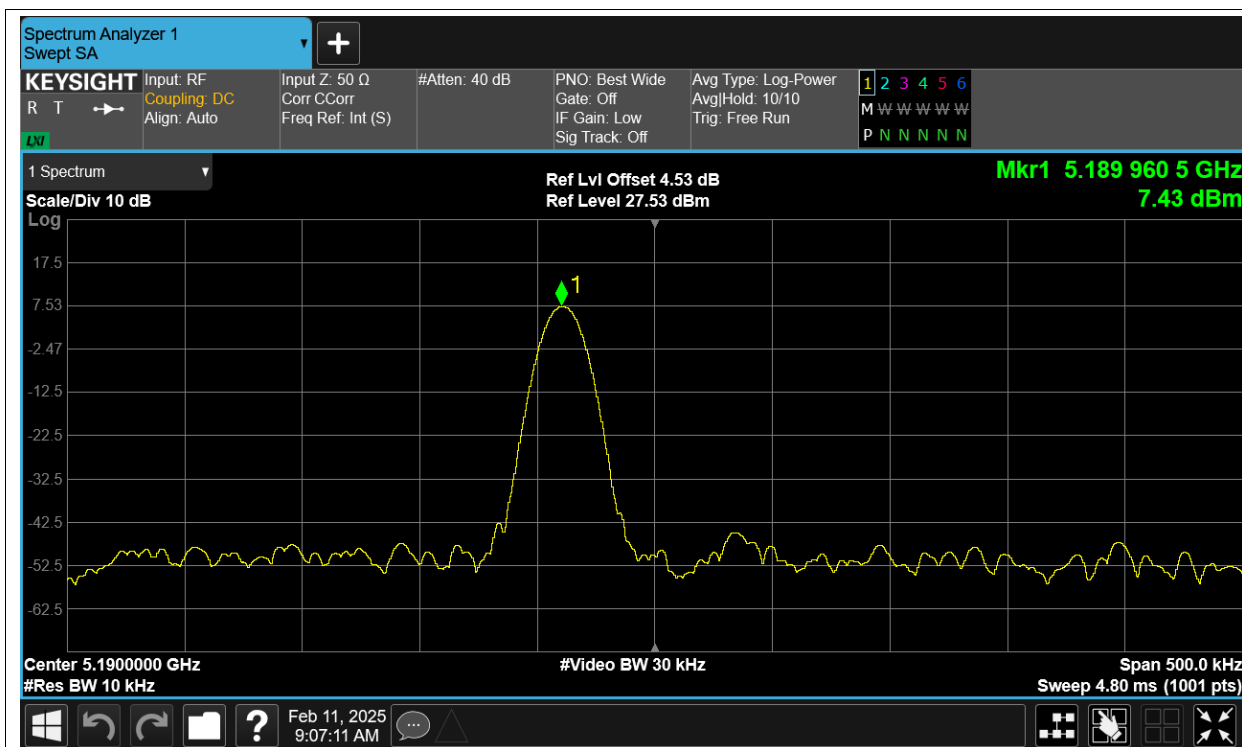
Freq. Stability NVLT ac80 5210MHz Ant1



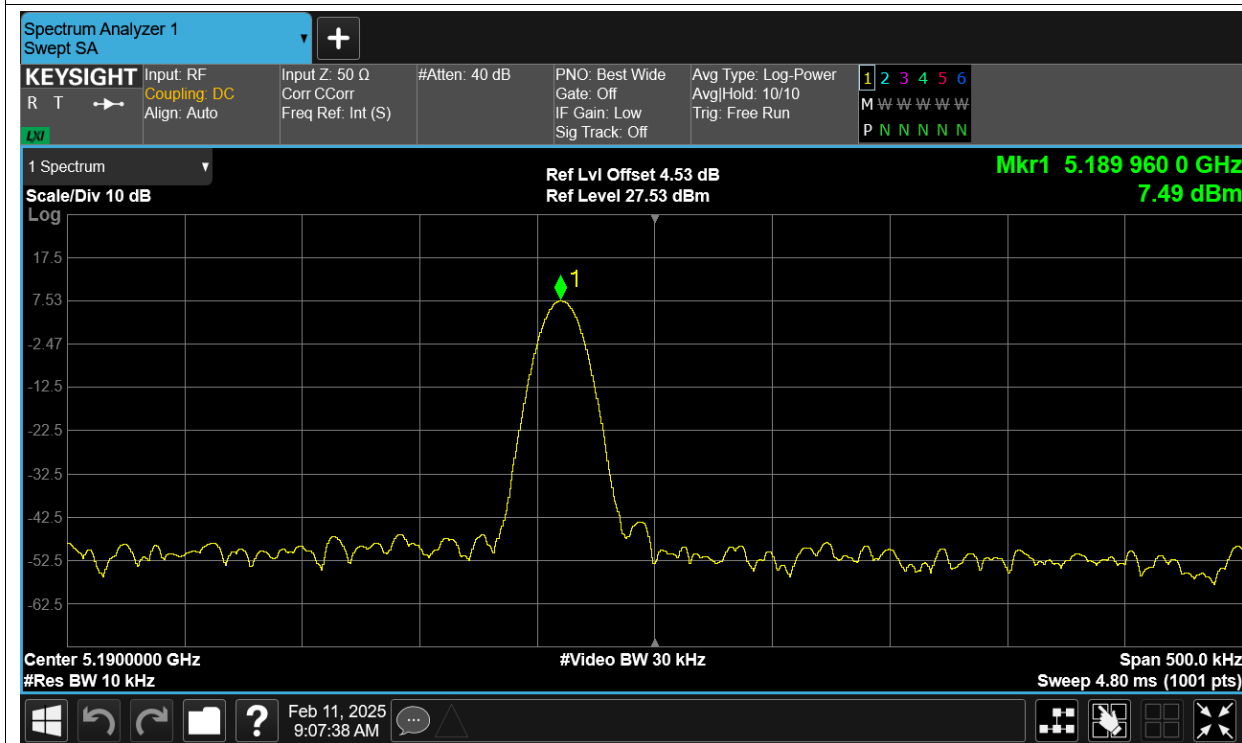
Freq. Stability NVNT ac80 5210MHz Ant1



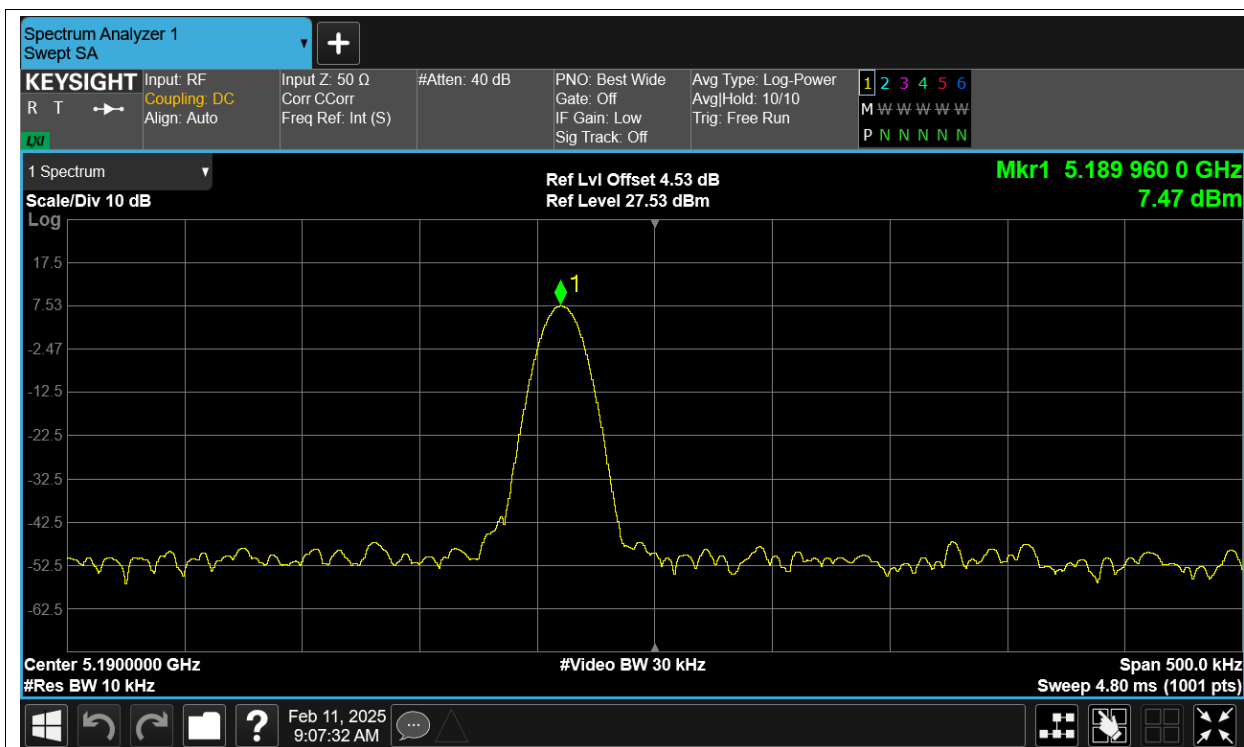
Freq. Stability HVNT n40 5190MHz Ant1



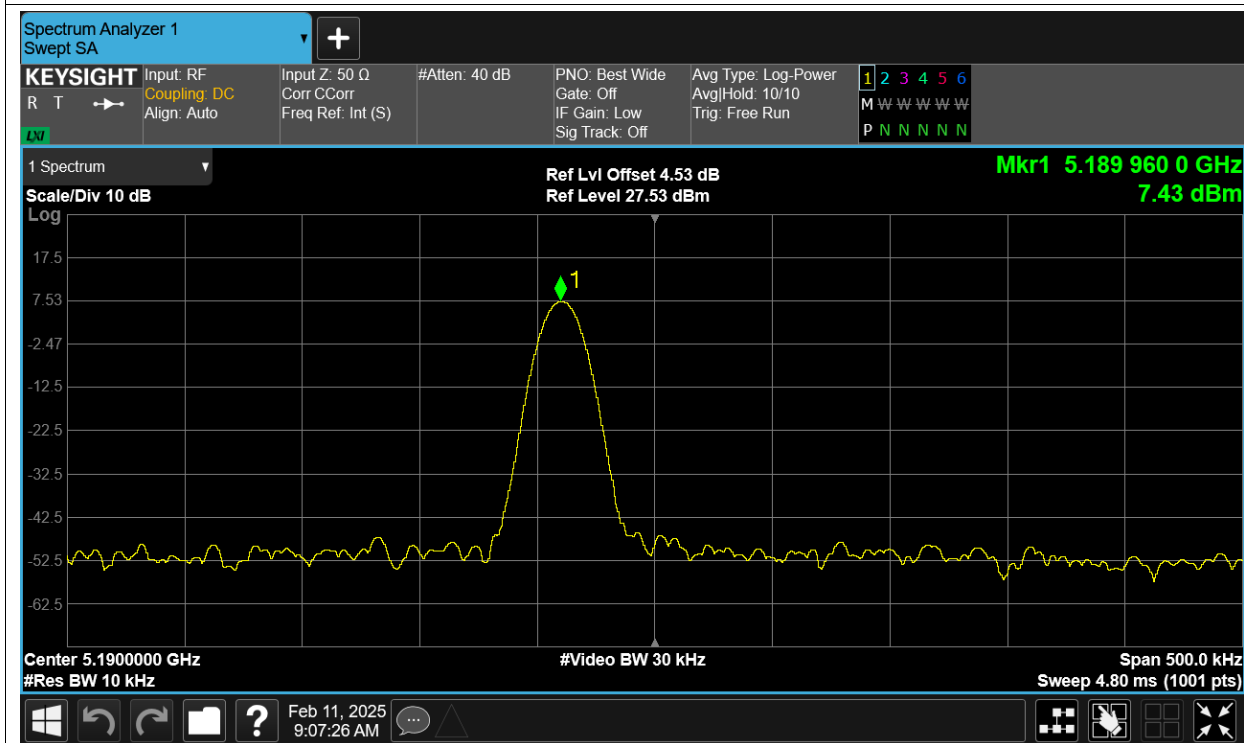
Freq. Stability LVNT n40 5190MHz Ant1



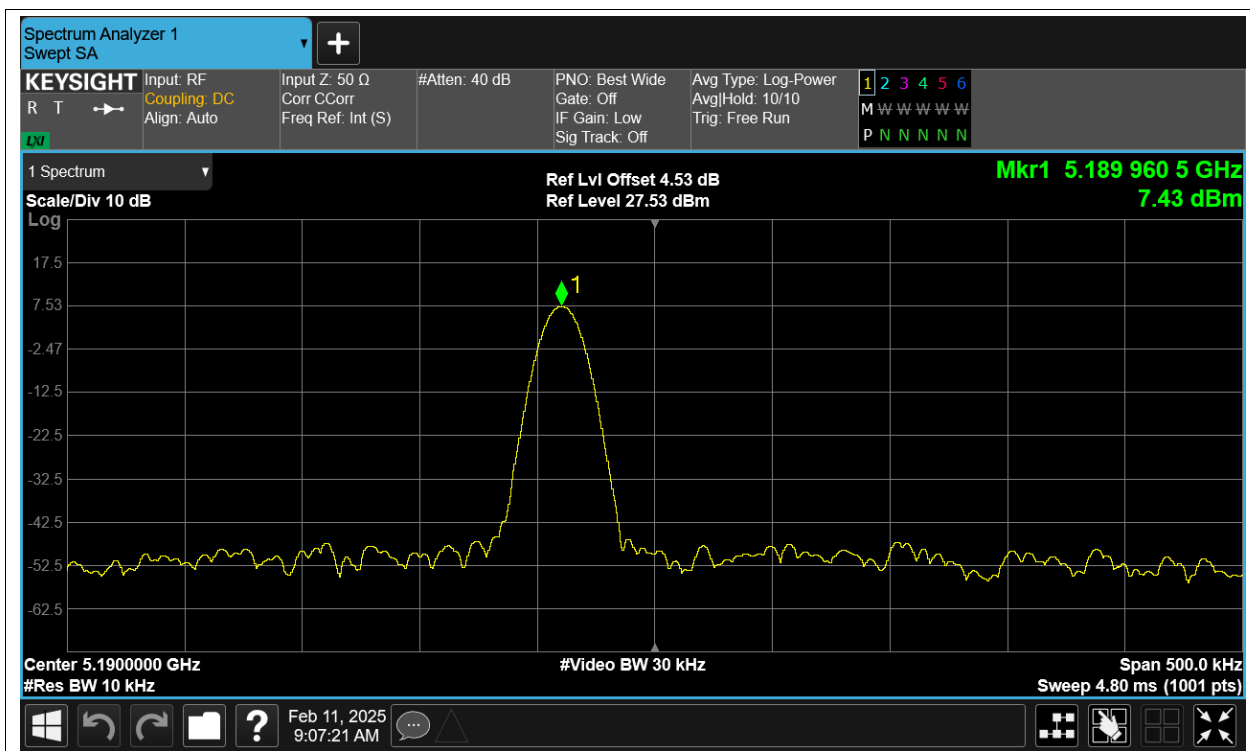
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



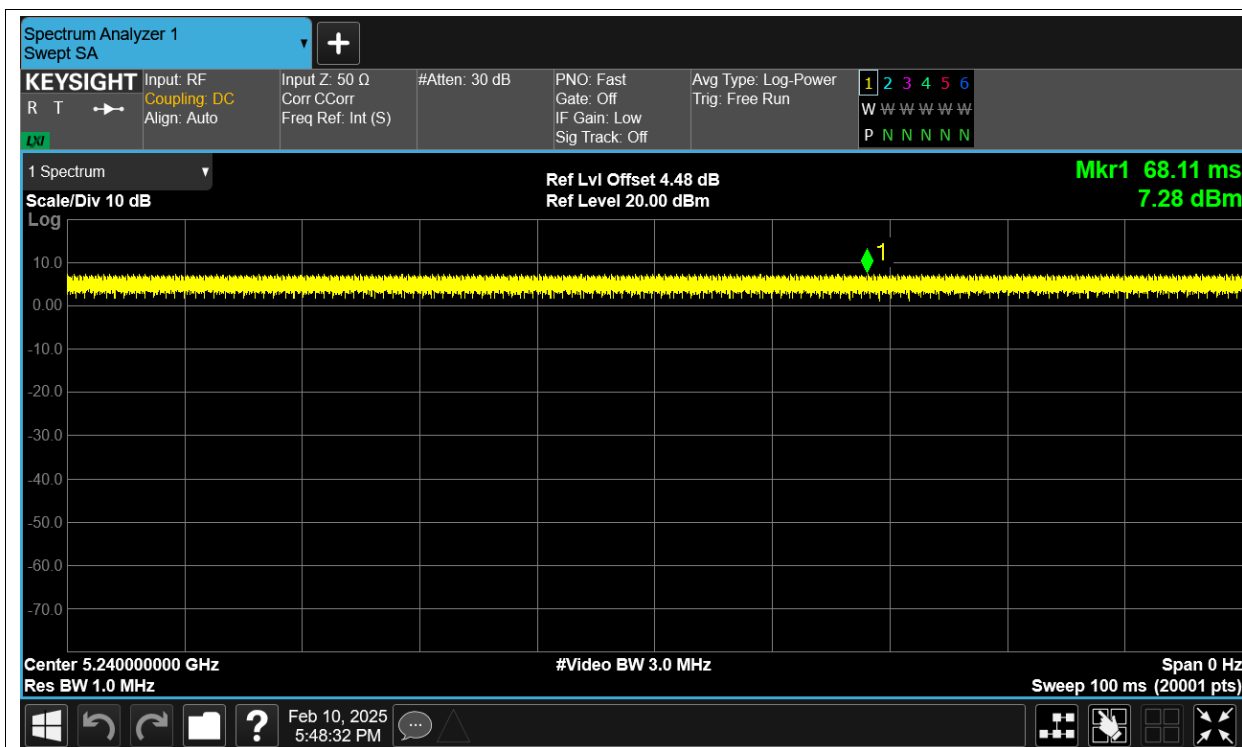
Freq. Stability NVNT n40 5190MHz Ant1



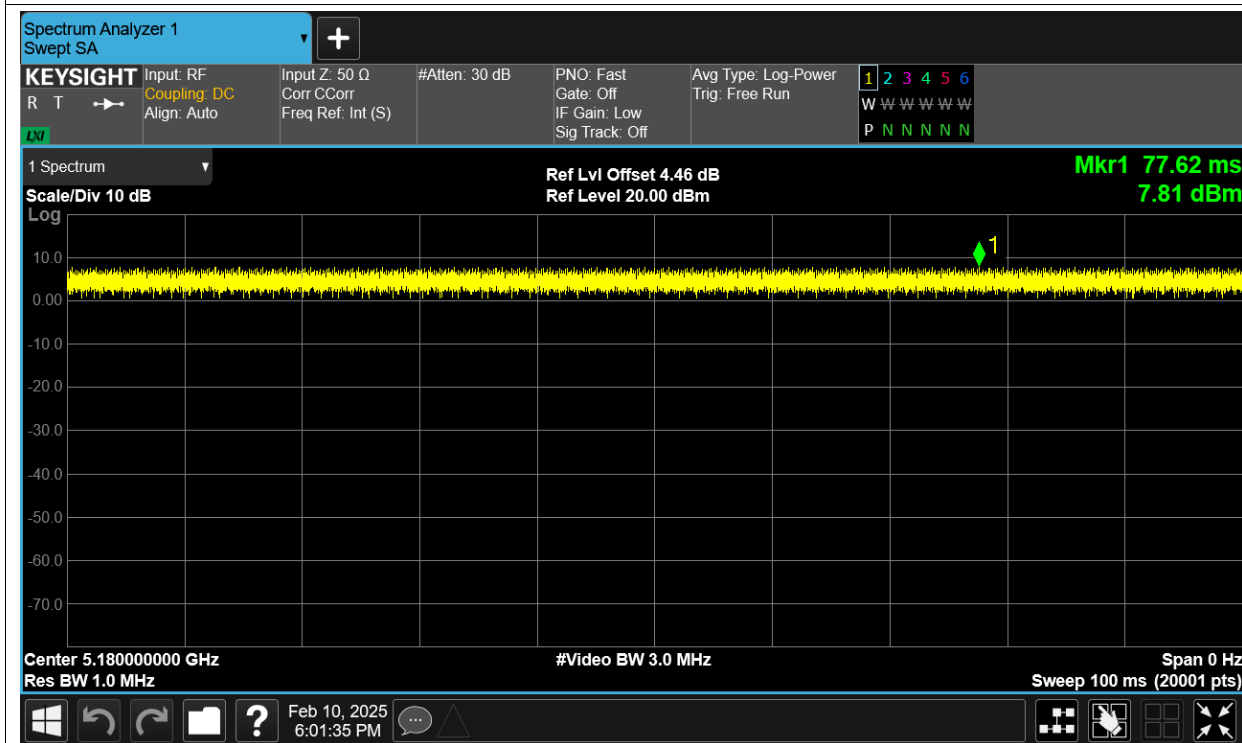
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0
NVNT	n20	5180	Ant1	100	0
NVNT	n20	5200	Ant1	100	0
NVNT	n20	5240	Ant1	100	0
NVNT	n40	5190	Ant1	100	0
NVNT	n40	5230	Ant1	100	0

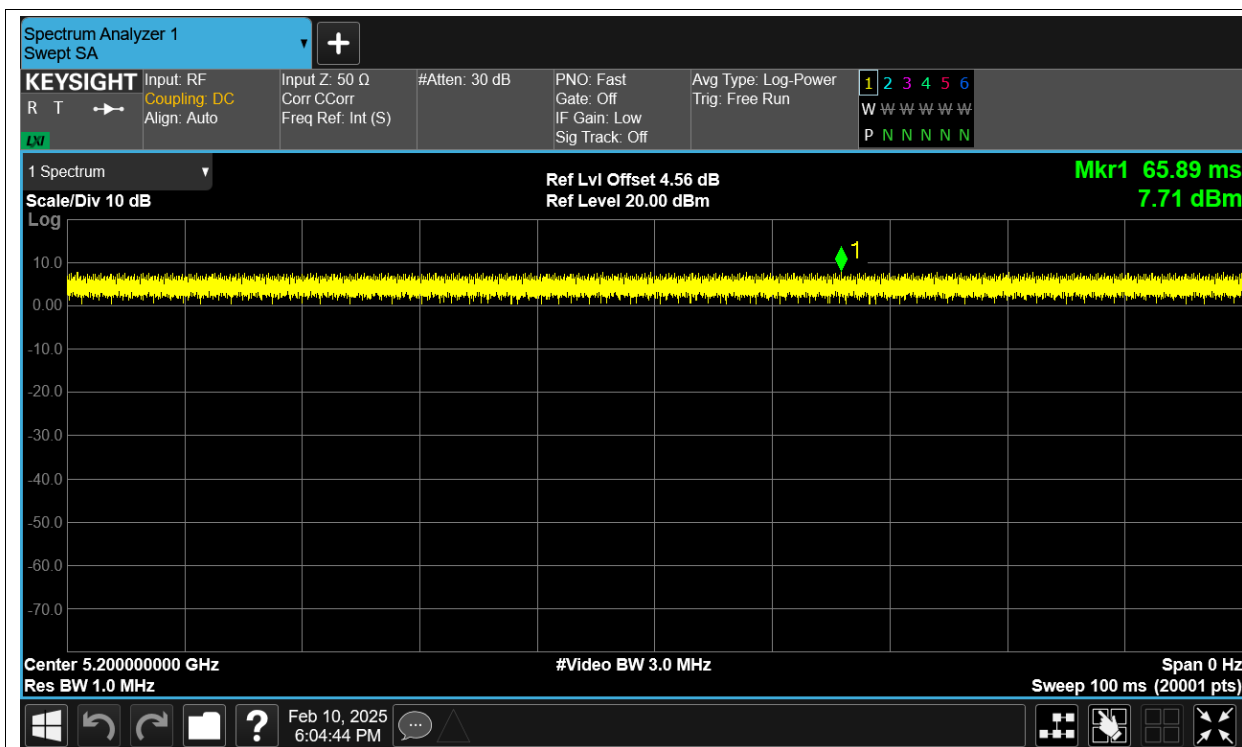




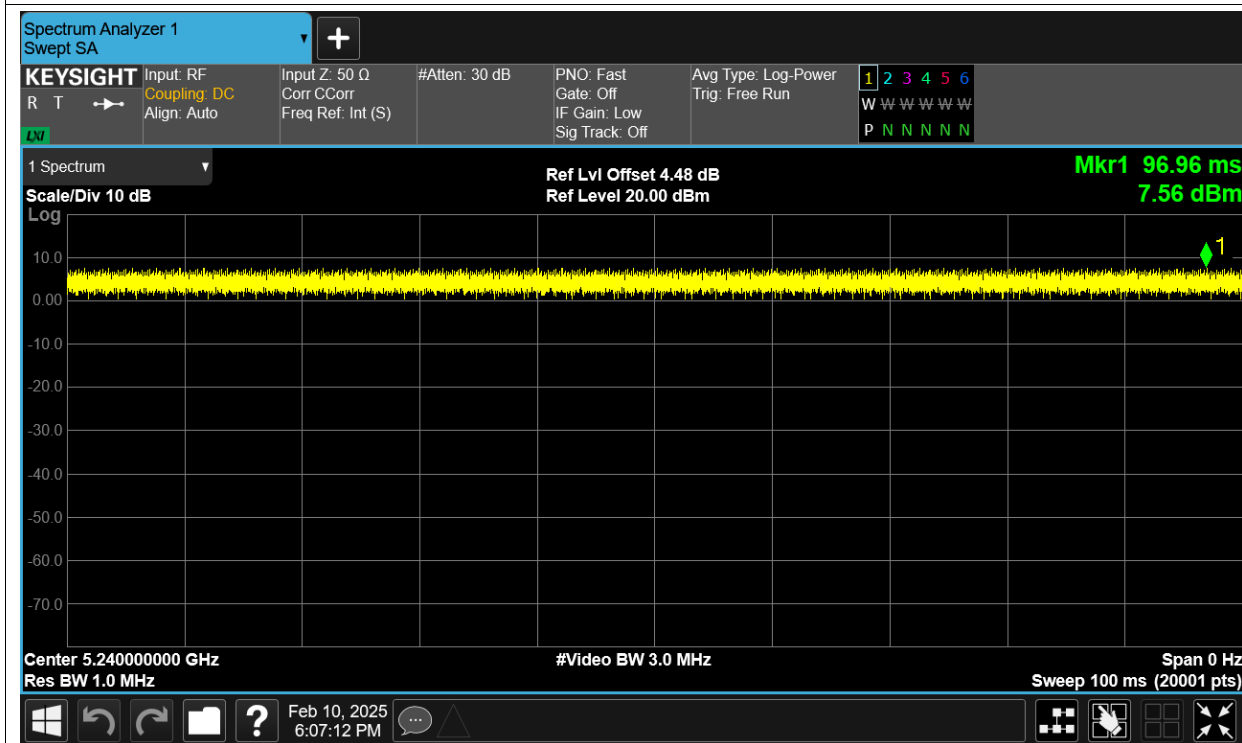
Duty Cycle NVNT ac20 5180MHz Ant1



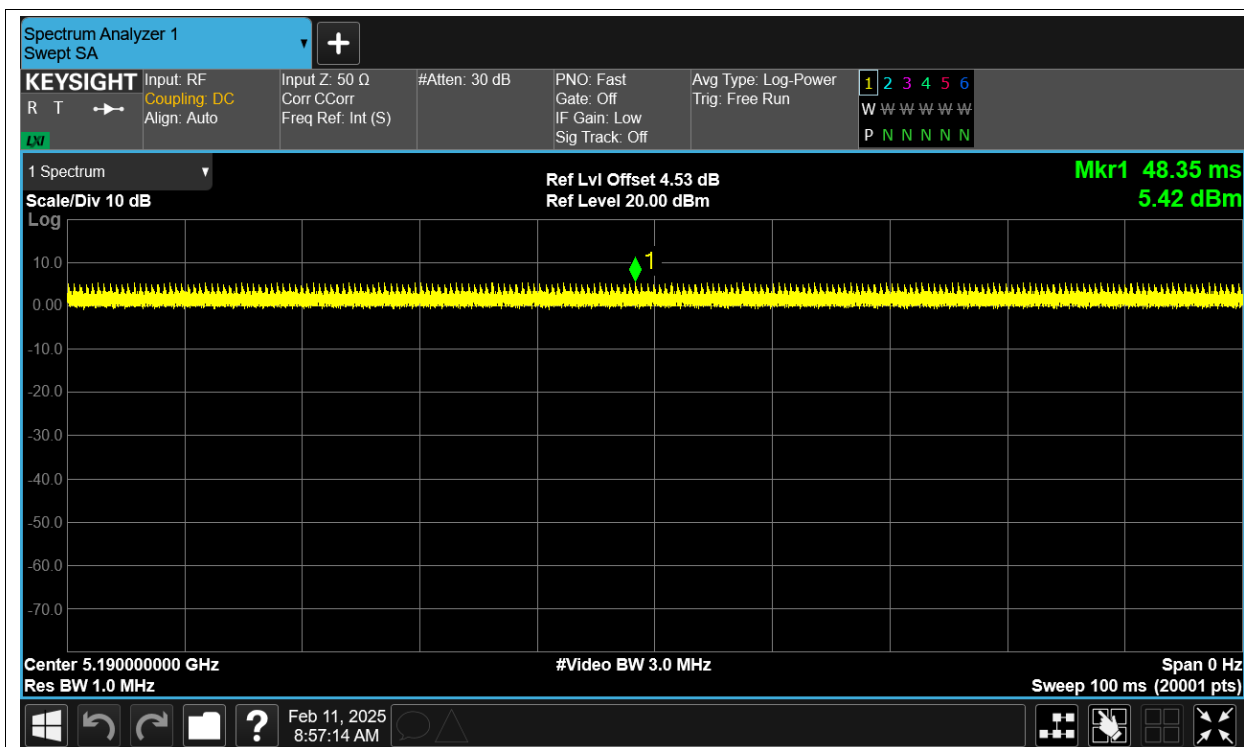
Duty Cycle NVNT ac20 5200MHz Ant1



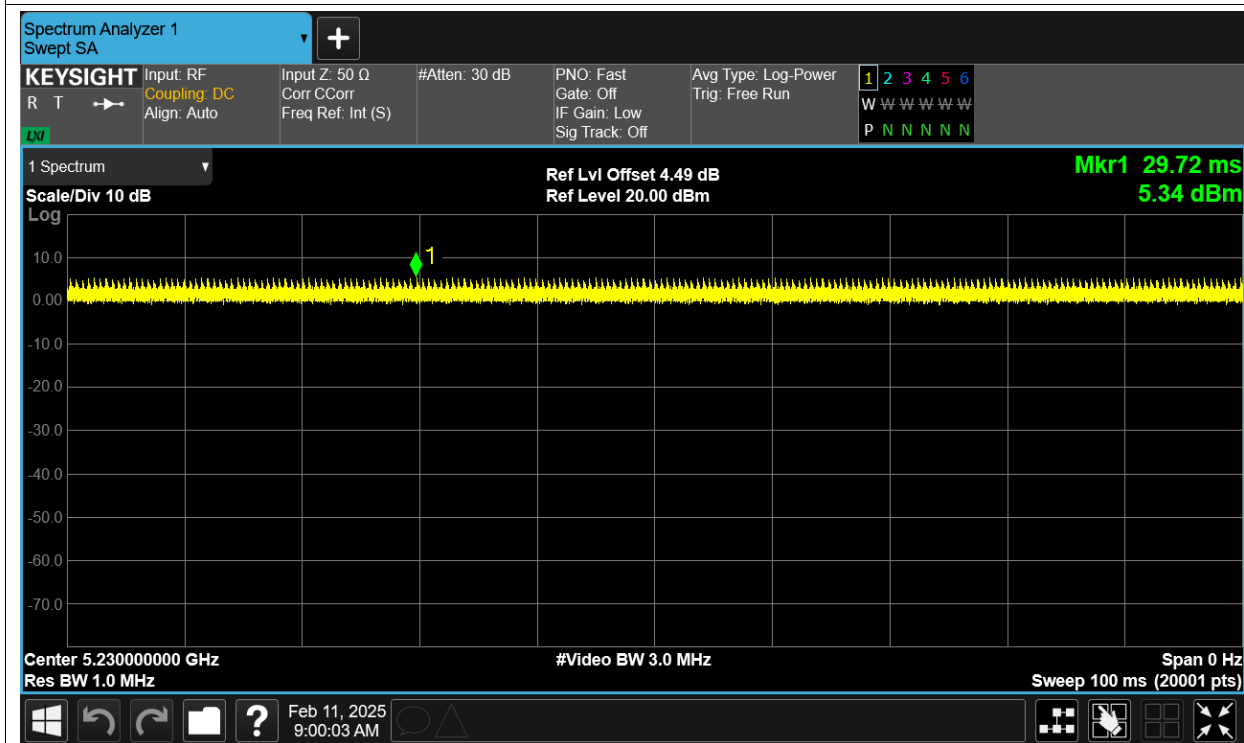
Duty Cycle NVNT ac20 5240MHz Ant1



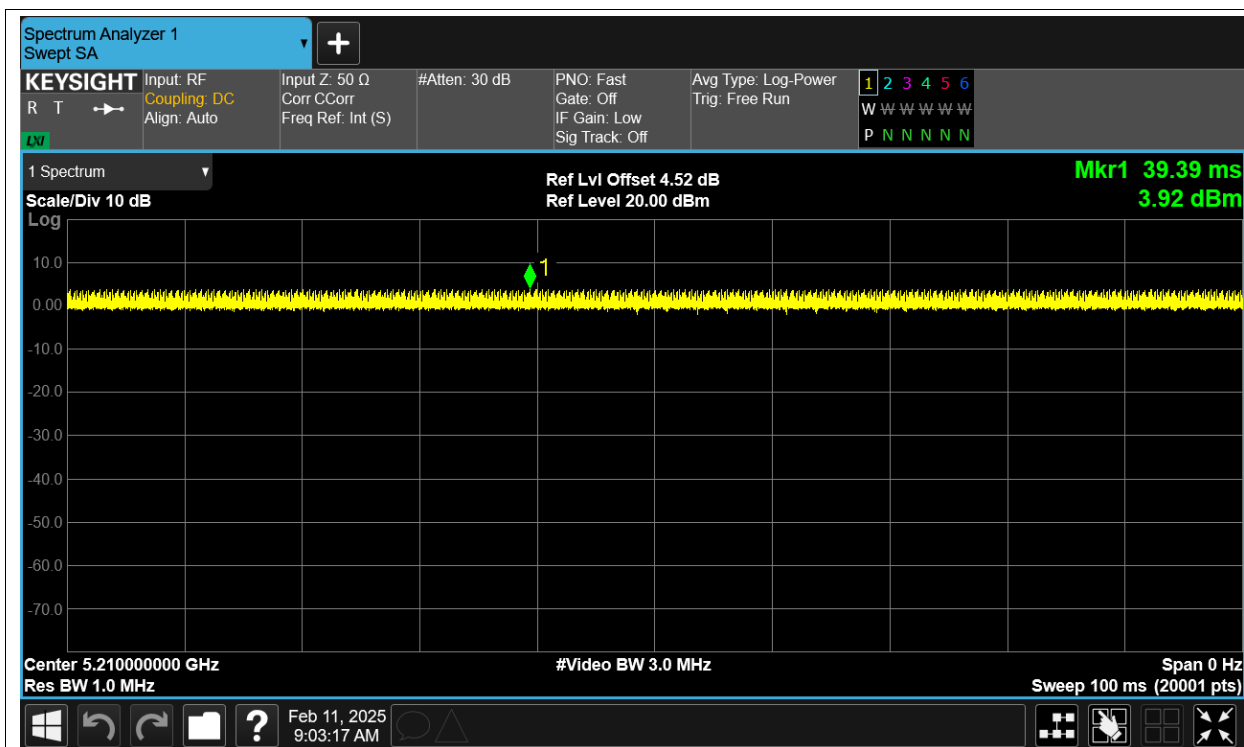
Duty Cycle NVNT ac40 5190MHz Ant1



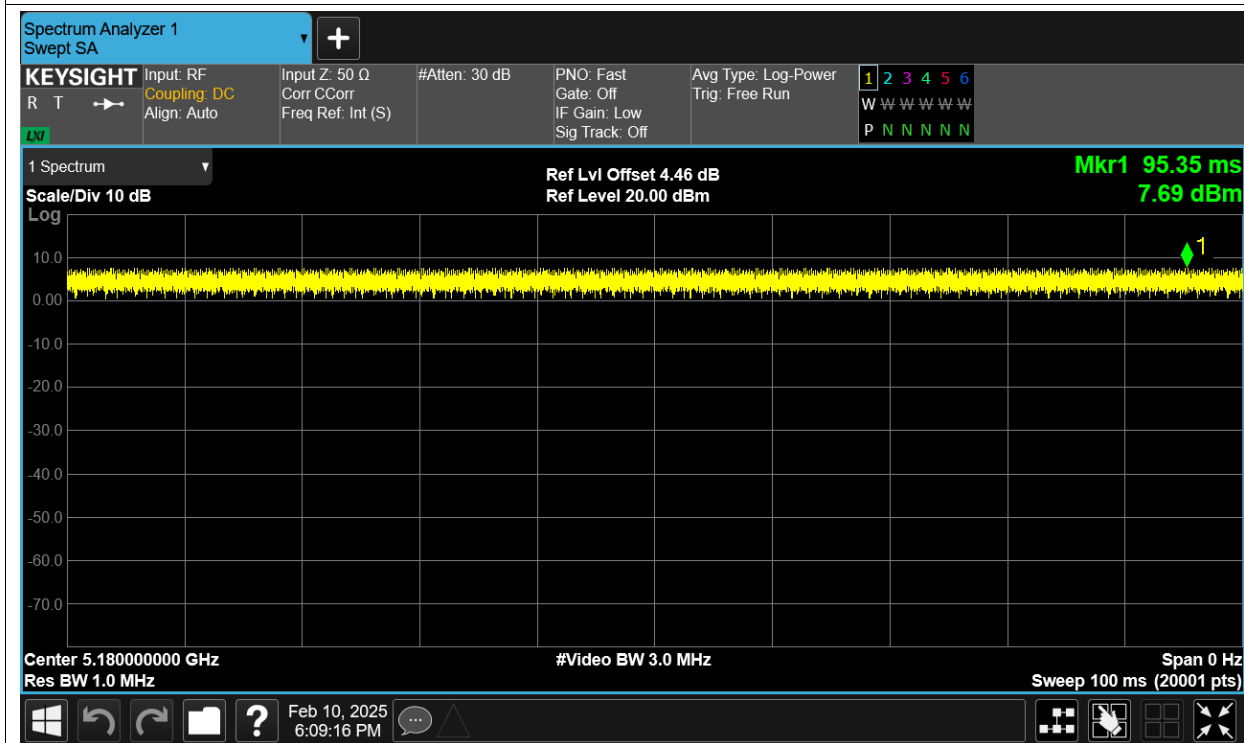
Duty Cycle NVNT ac40 5230MHz Ant1



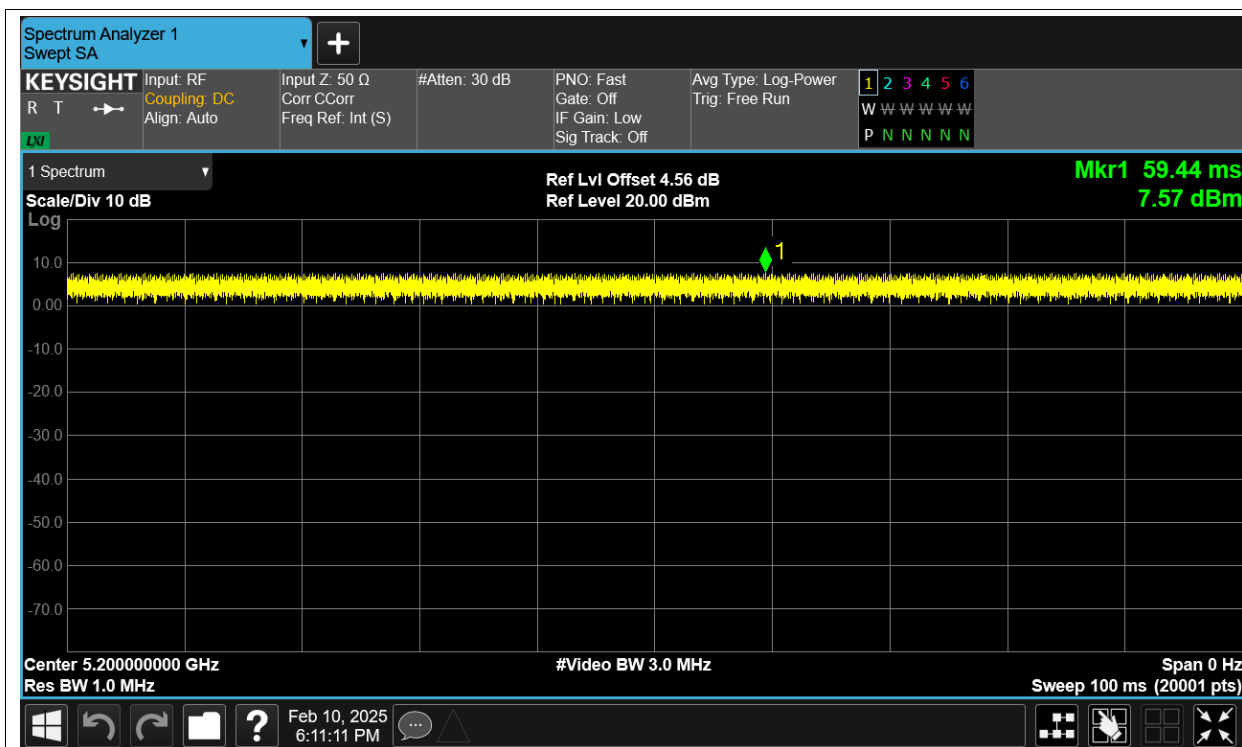
Duty Cycle NVNT ac80 5210MHz Ant1



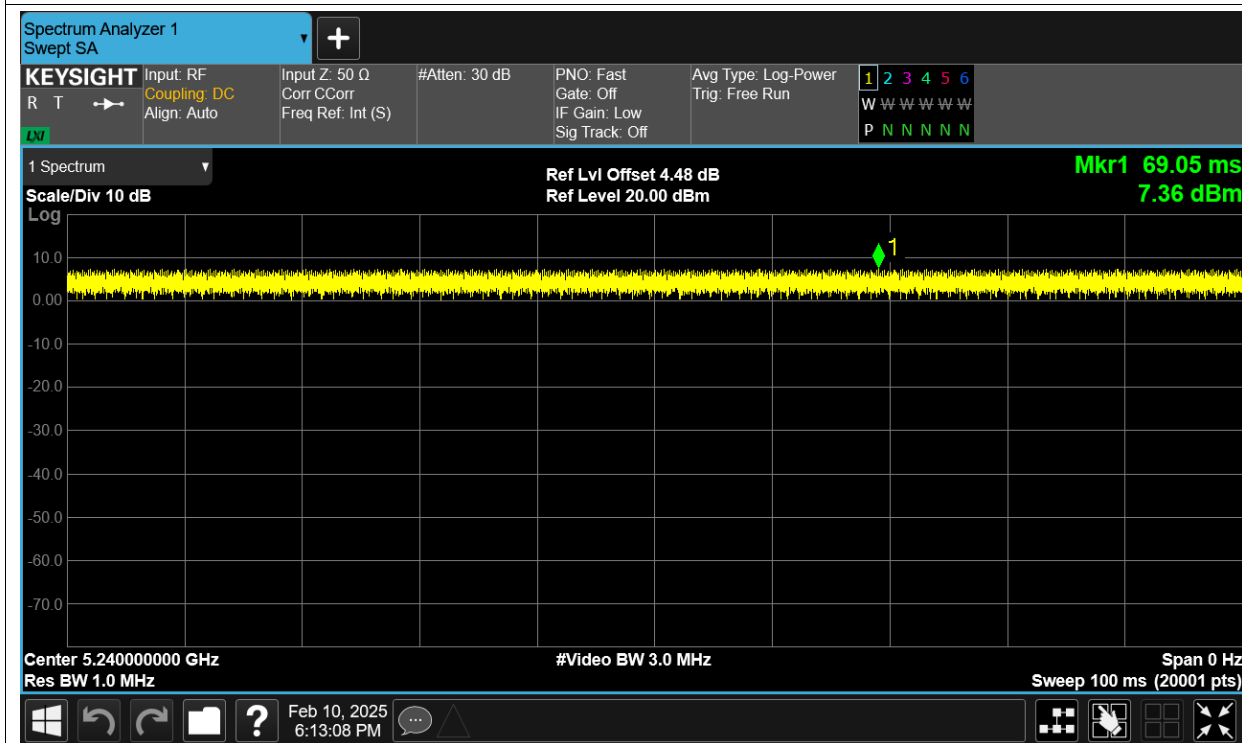
Duty Cycle NVNT n20 5180MHz Ant1



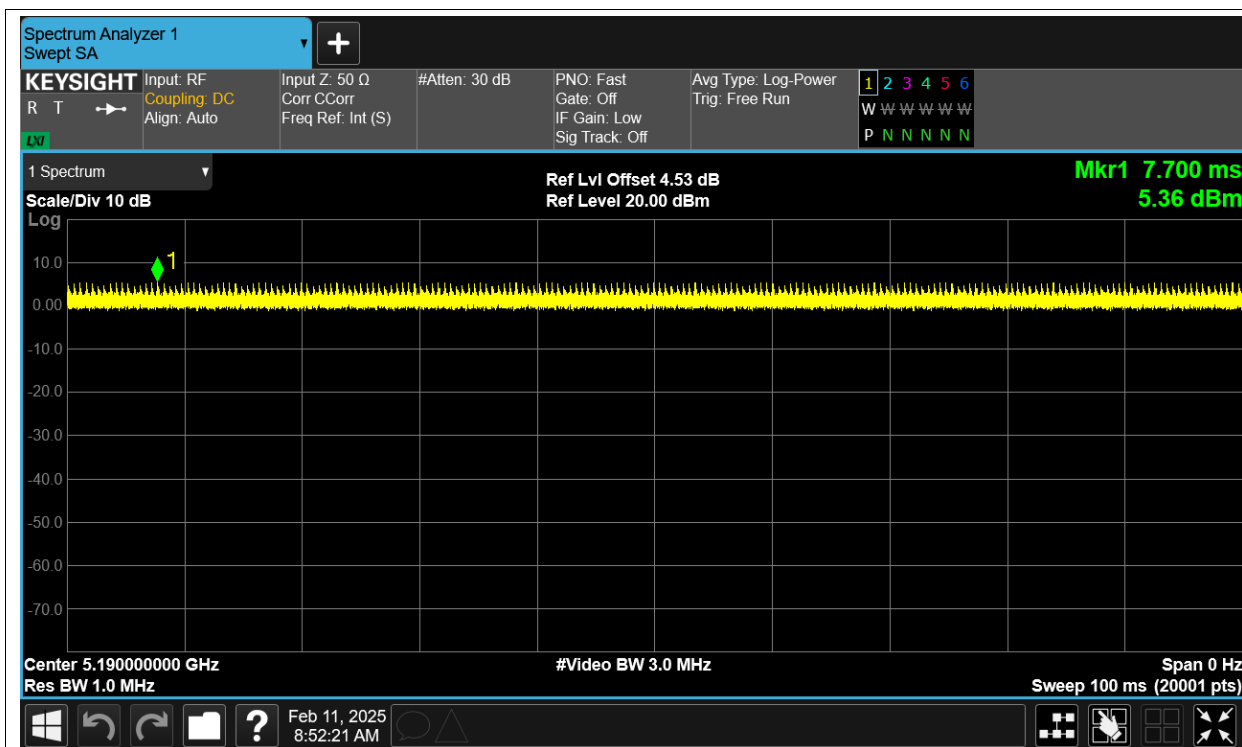
Duty Cycle NVNT n20 5200MHz Ant1



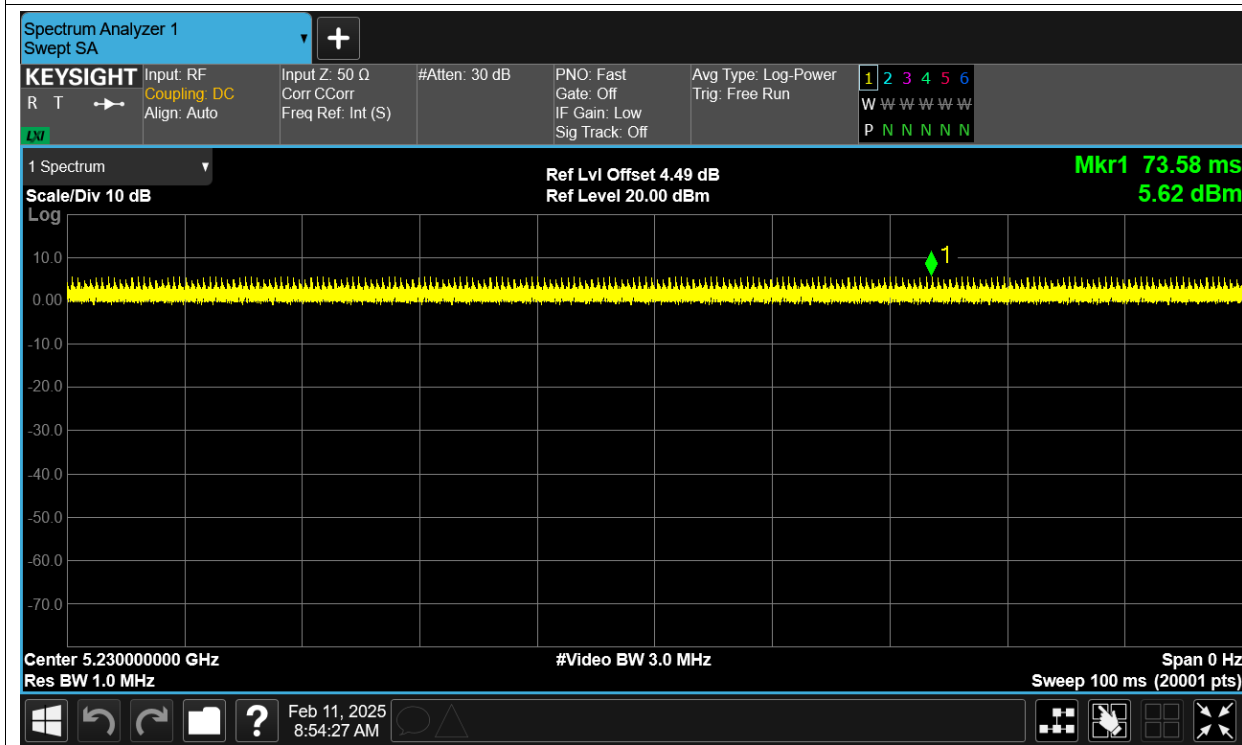
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



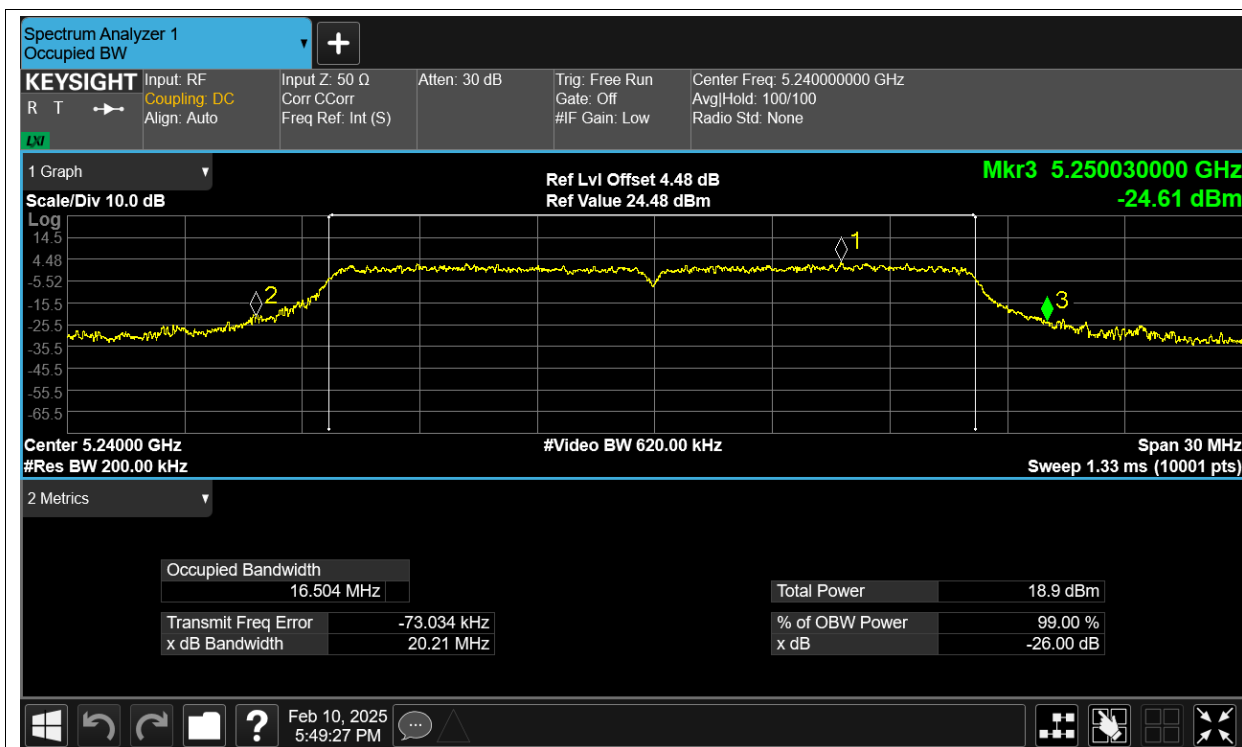
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.29	0	14.29	24	Pass
NVNT	a	5200	Ant1	13.77	0	13.77	24	Pass
NVNT	a	5240	Ant1	14.22	0	14.22	24	Pass
NVNT	ac20	5180	Ant1	13.24	0	13.24	24	Pass
NVNT	ac20	5200	Ant1	13.02	0	13.02	24	Pass
NVNT	ac20	5240	Ant1	13.62	0	13.62	24	Pass
NVNT	ac40	5190	Ant1	13.17	0	13.17	23	Pass
NVNT	ac40	5230	Ant1	13.52	0	13.52	24	Pass
NVNT	ac80	5210	Ant1	12.31	0	12.31	24	Pass
NVNT	n20	5180	Ant1	13.21	0	13.21	24	Pass
NVNT	n20	5200	Ant1	12.99	0	12.99	24	Pass
NVNT	n20	5240	Ant1	13.62	0	13.62	24	Pass
NVNT	n40	5190	Ant1	13.1	0	13.1	24	Pass
NVNT	n40	5230	Ant1	13.38	0	13.38	24	Pass

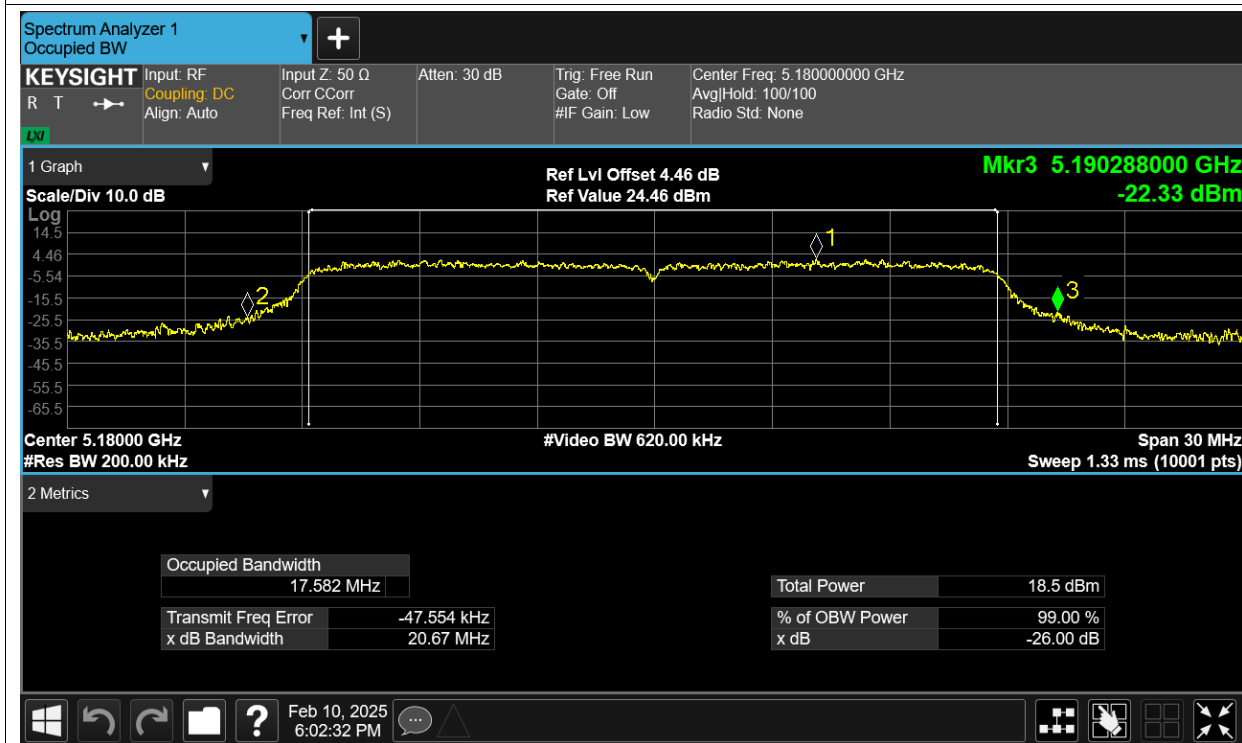
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	20.739
NVNT	a	5200	Ant1	20.145
NVNT	a	5240	Ant1	20.206
NVNT	ac20	5180	Ant1	20.672
NVNT	ac20	5200	Ant1	20.643
NVNT	ac20	5240	Ant1	20.952
NVNT	ac40	5190	Ant1	39.849
NVNT	ac40	5230	Ant1	39.762
NVNT	ac80	5210	Ant1	78.42
NVNT	n20	5180	Ant1	20.596
NVNT	n20	5200	Ant1	20.724
NVNT	n20	5240	Ant1	20.921
NVNT	n40	5190	Ant1	39.933
NVNT	n40	5230	Ant1	39.66

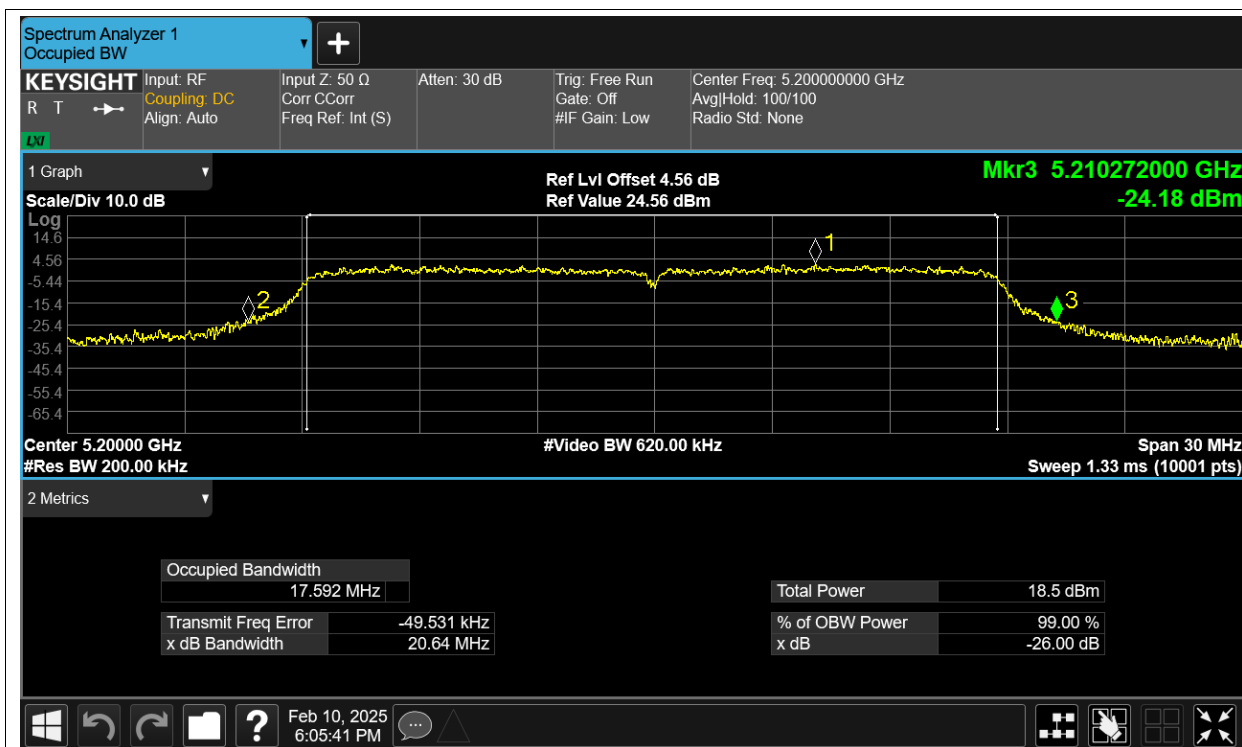




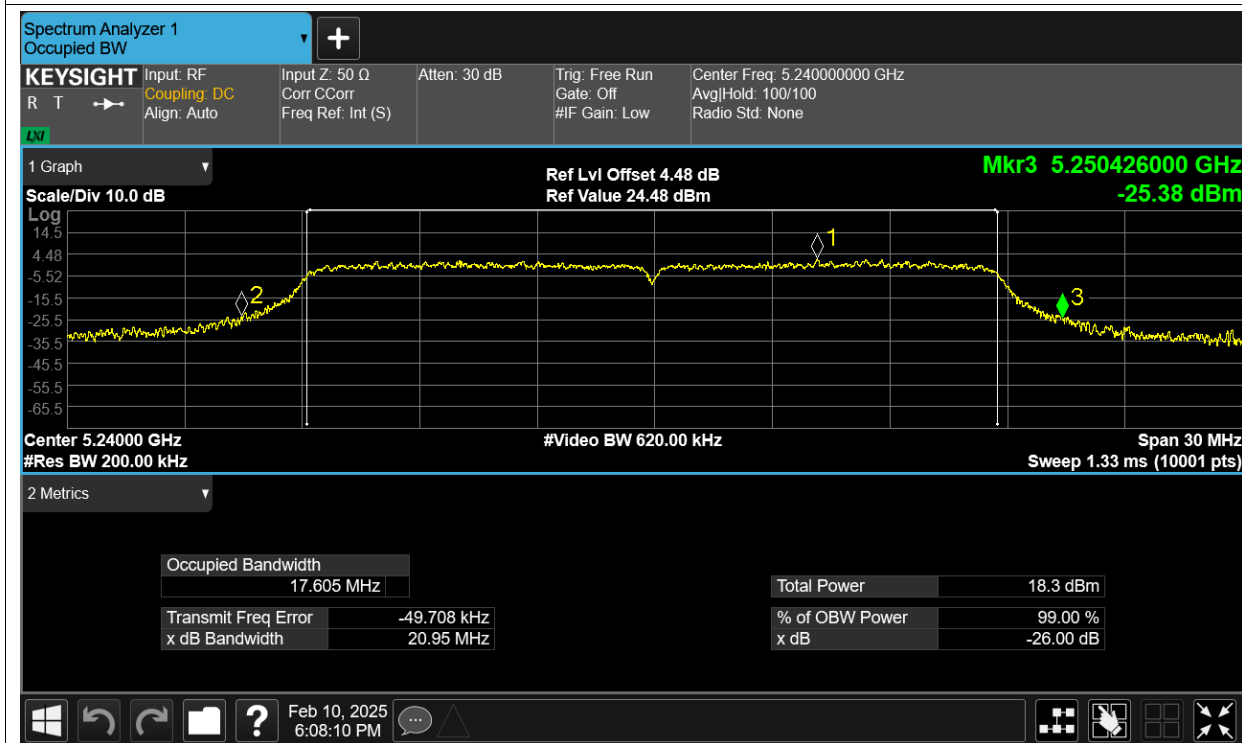
-26dB Bandwidth NVNT ac20 5180MHz Ant1



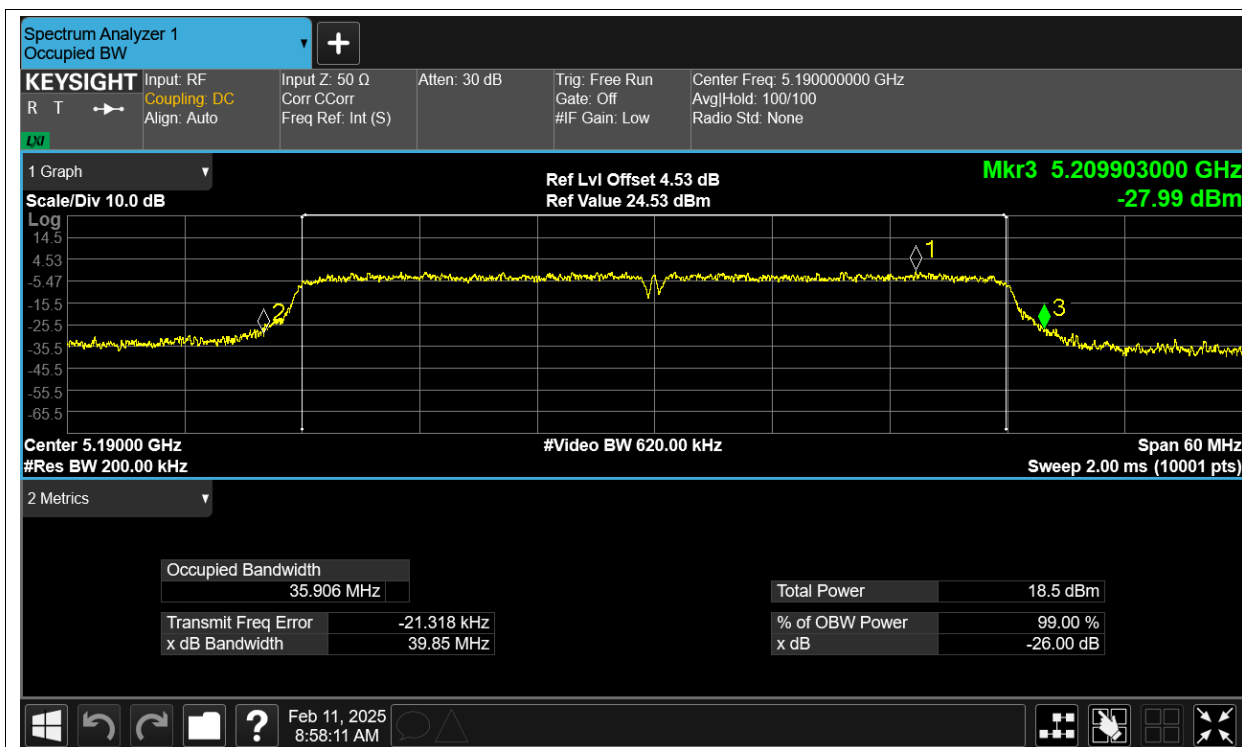
-26dB Bandwidth NVNT ac20 5200MHz Ant1



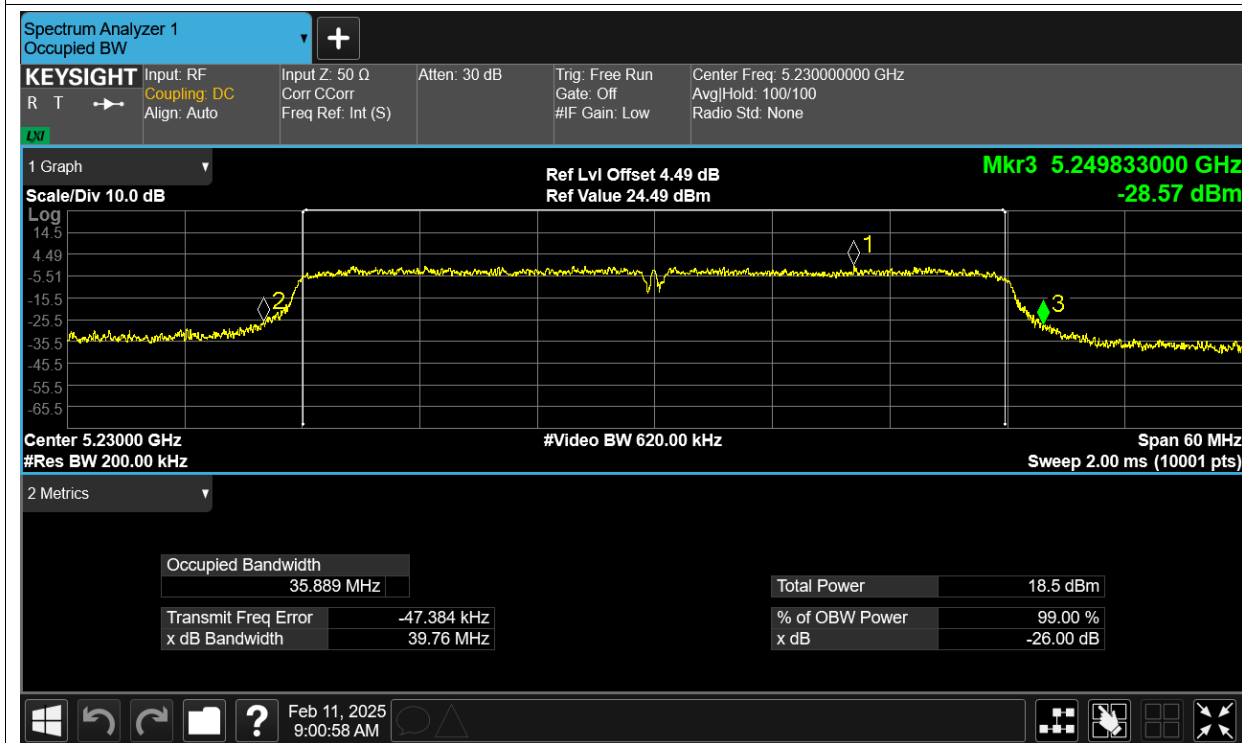
-26dB Bandwidth NVNT ac20 5240MHz Ant1



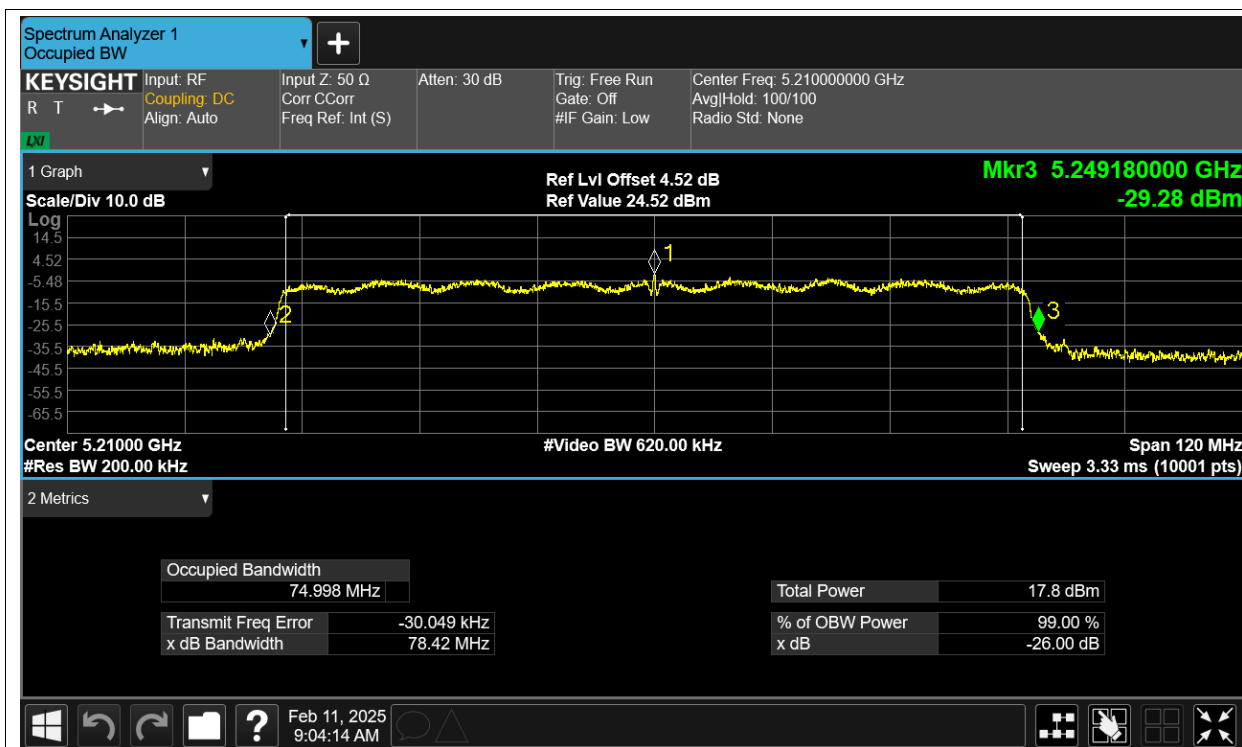
-26dB Bandwidth NVNT ac40 5190MHz Ant1



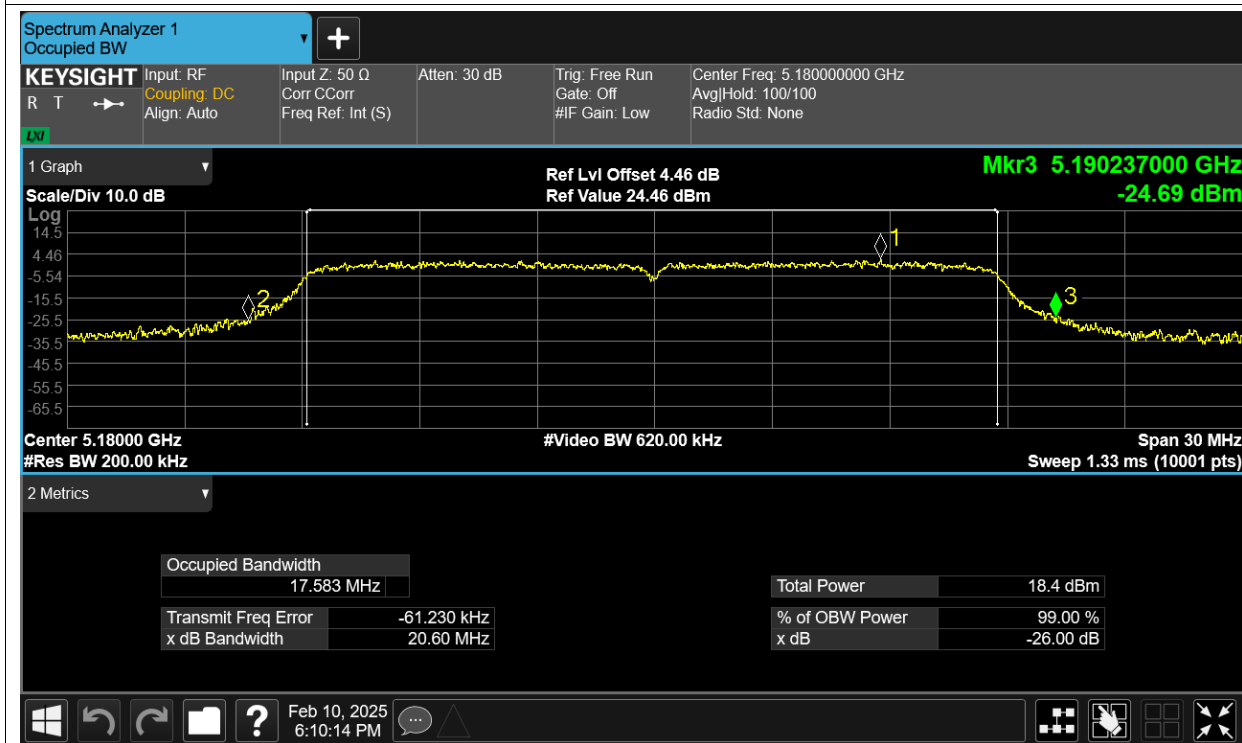
-26dB Bandwidth NVNT ac40 5230MHz Ant1



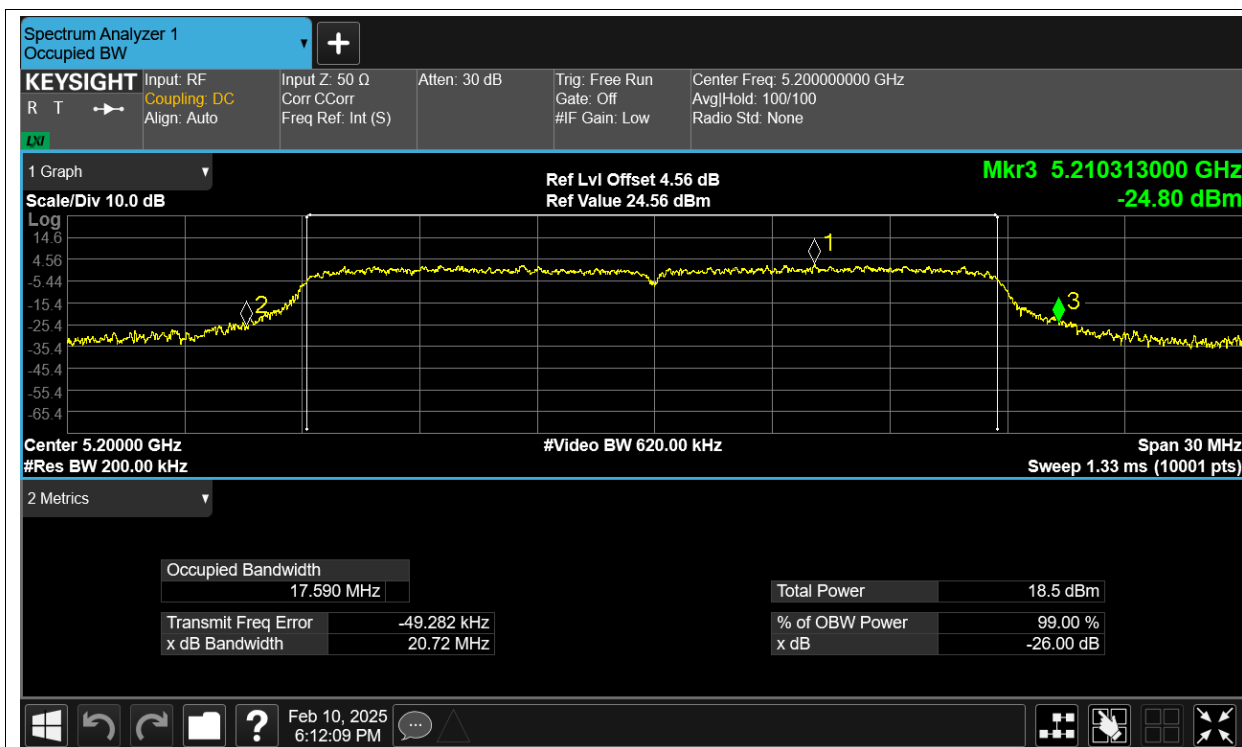
-26dB Bandwidth NVNT ac80 5210MHz Ant1



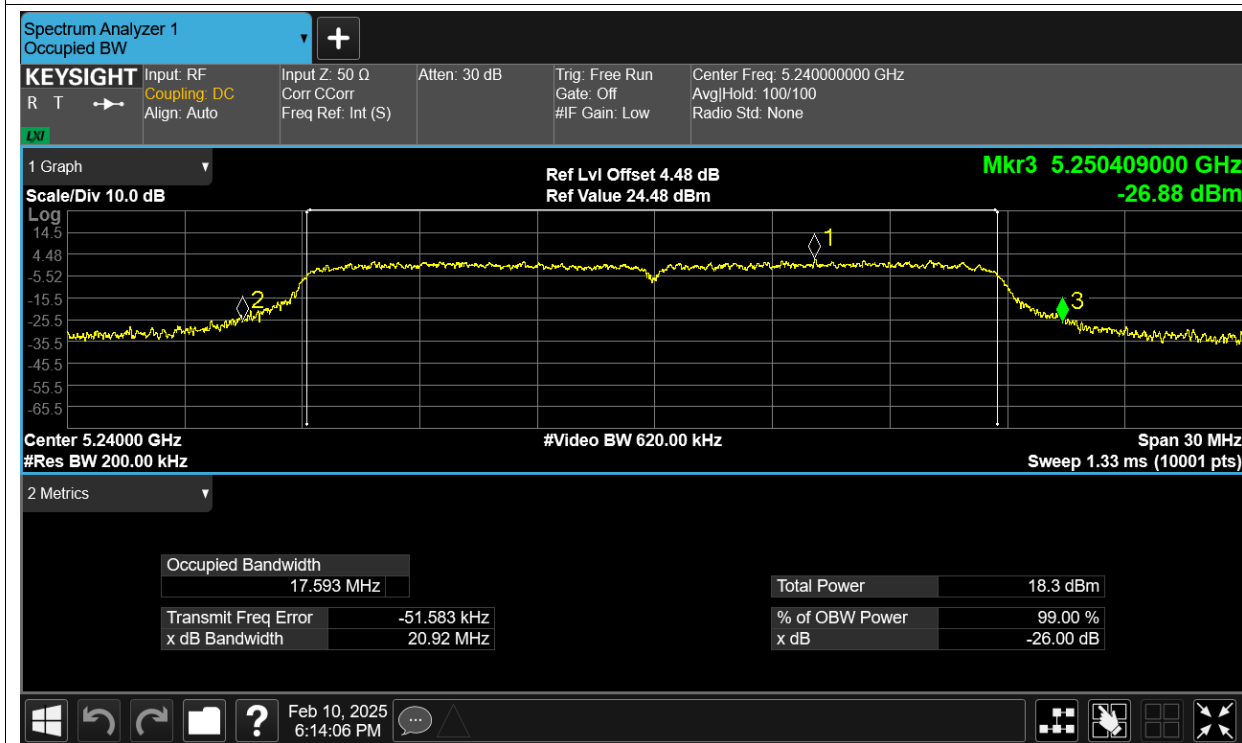
-26dB Bandwidth NVNT n20 5180MHz Ant1



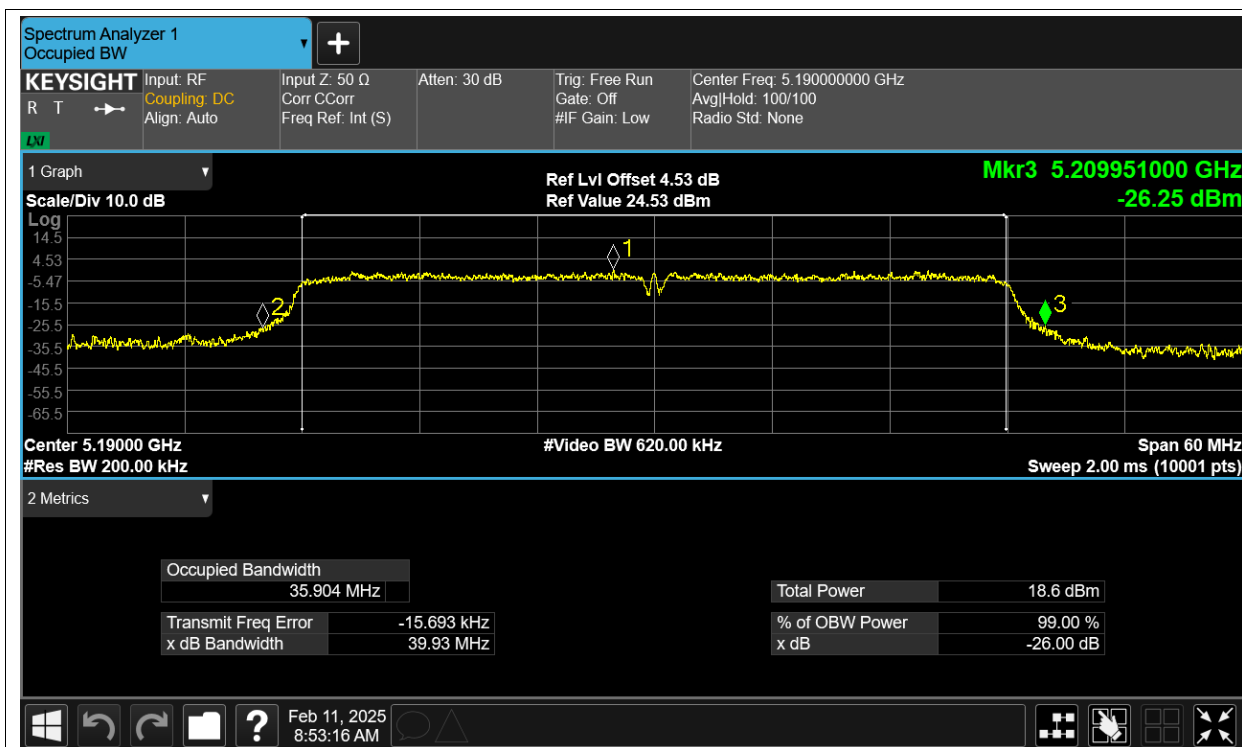
-26dB Bandwidth NVNT n20 5200MHz Ant1



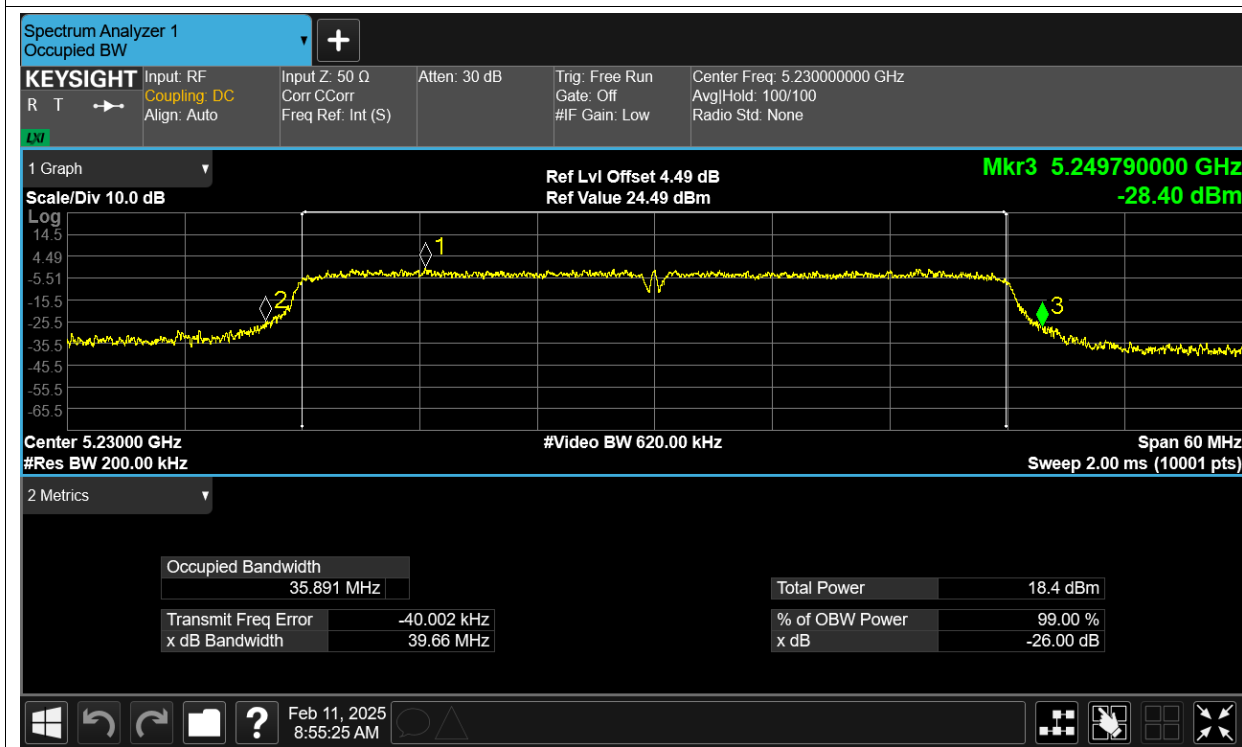
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



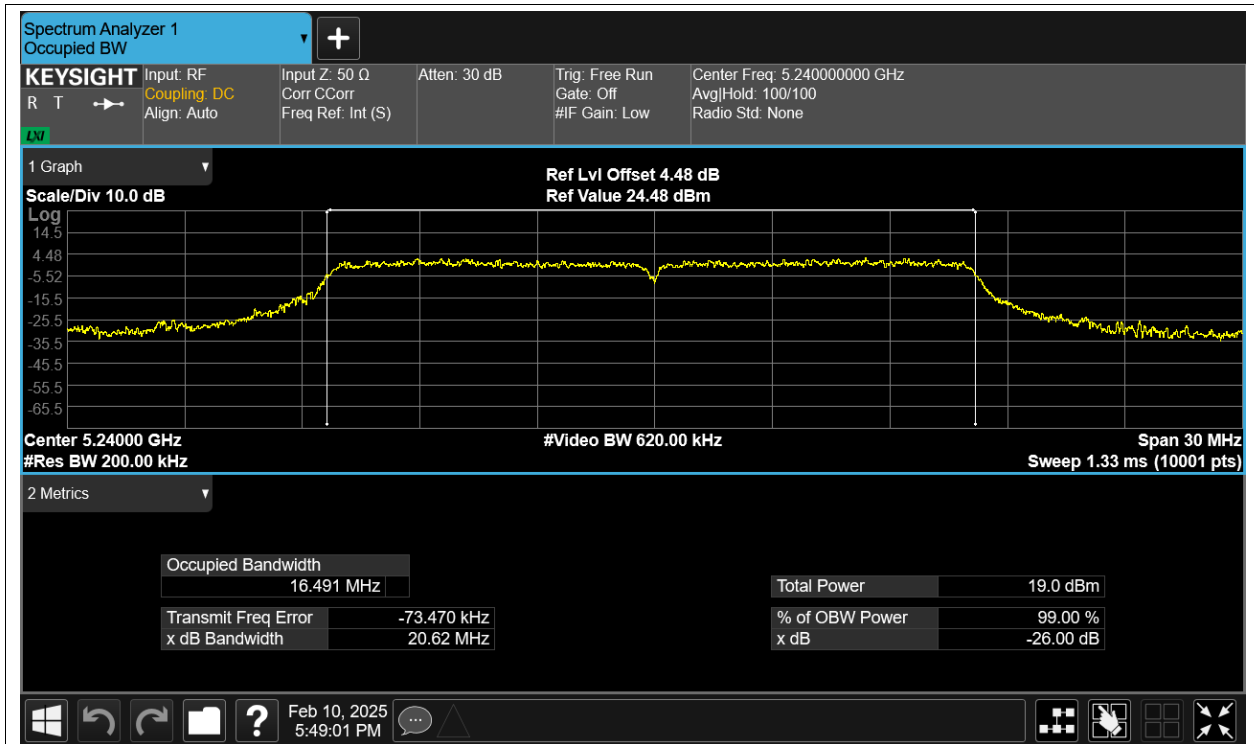
-26dB Bandwidth NVNT n40 5230MHz Ant1



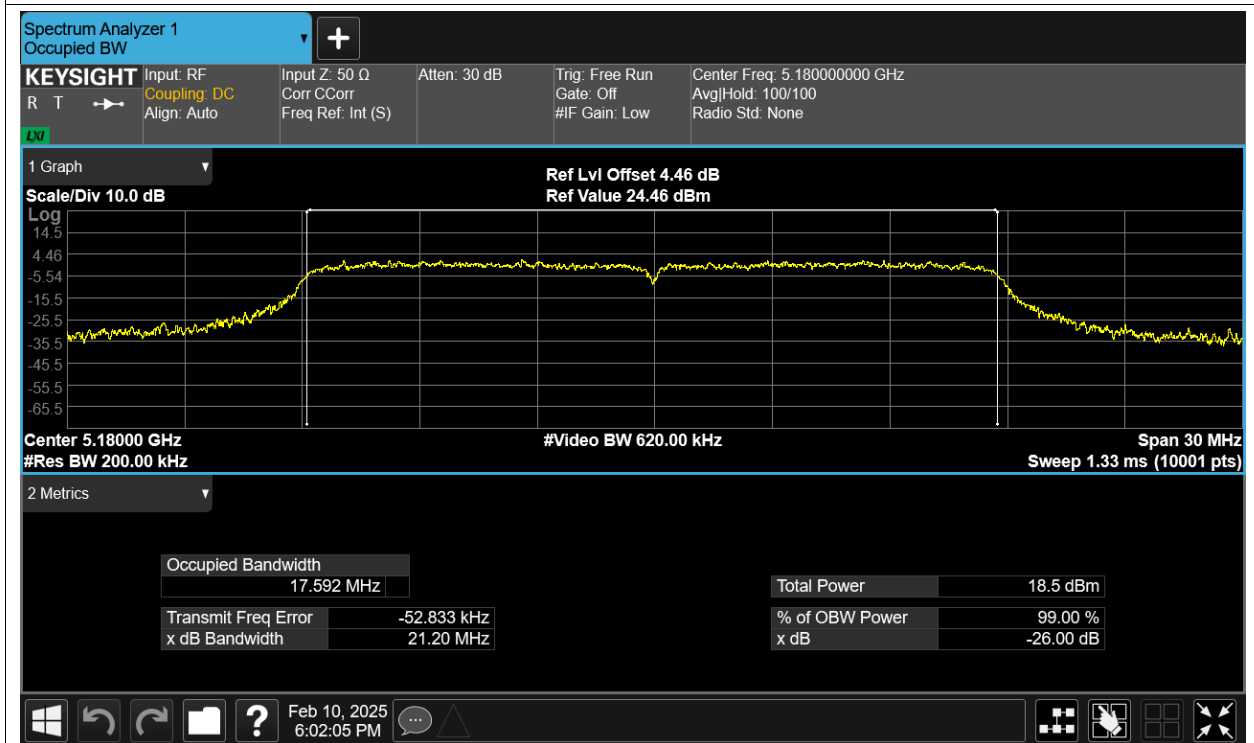
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.47
NVNT	a	5200	Ant1	16.494
NVNT	a	5240	Ant1	16.491
NVNT	ac20	5180	Ant1	17.592
NVNT	ac20	5200	Ant1	17.59
NVNT	ac20	5240	Ant1	17.602
NVNT	ac40	5190	Ant1	35.951
NVNT	ac40	5230	Ant1	35.933
NVNT	ac80	5210	Ant1	75.083
NVNT	n20	5180	Ant1	17.576
NVNT	n20	5200	Ant1	17.584
NVNT	n20	5240	Ant1	17.605
NVNT	n40	5190	Ant1	35.961
NVNT	n40	5230	Ant1	35.983

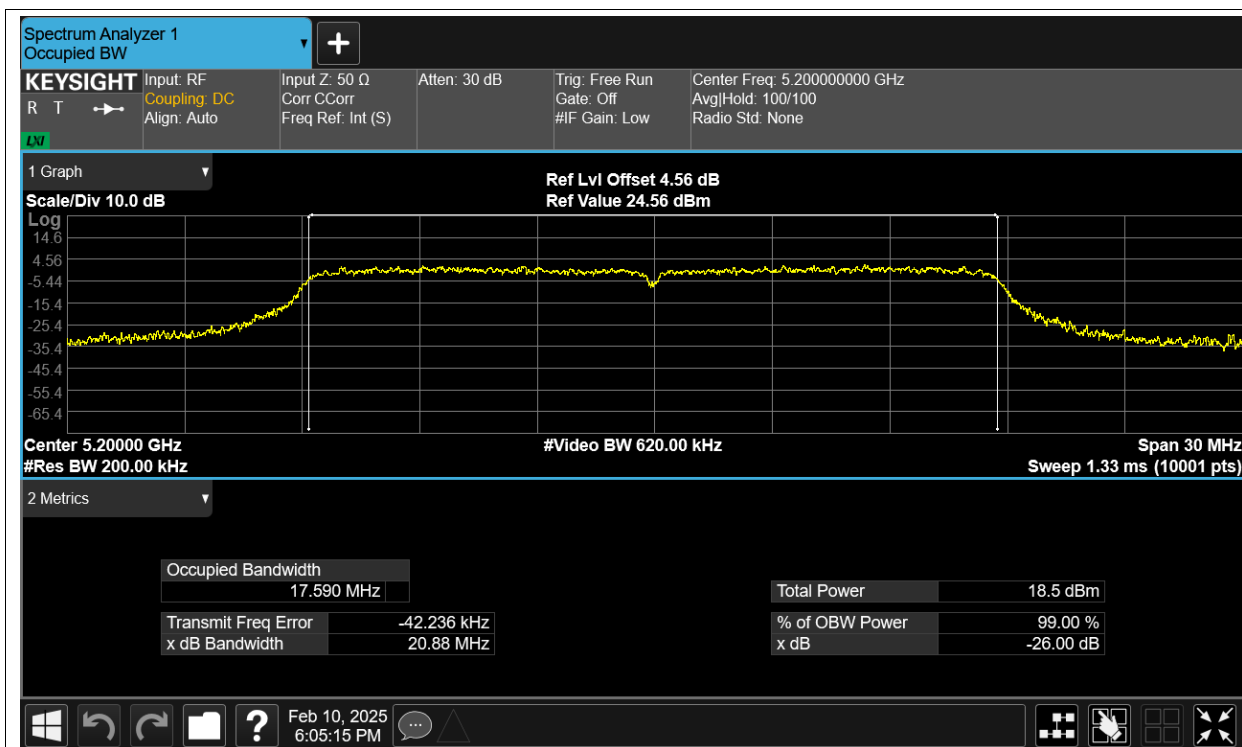




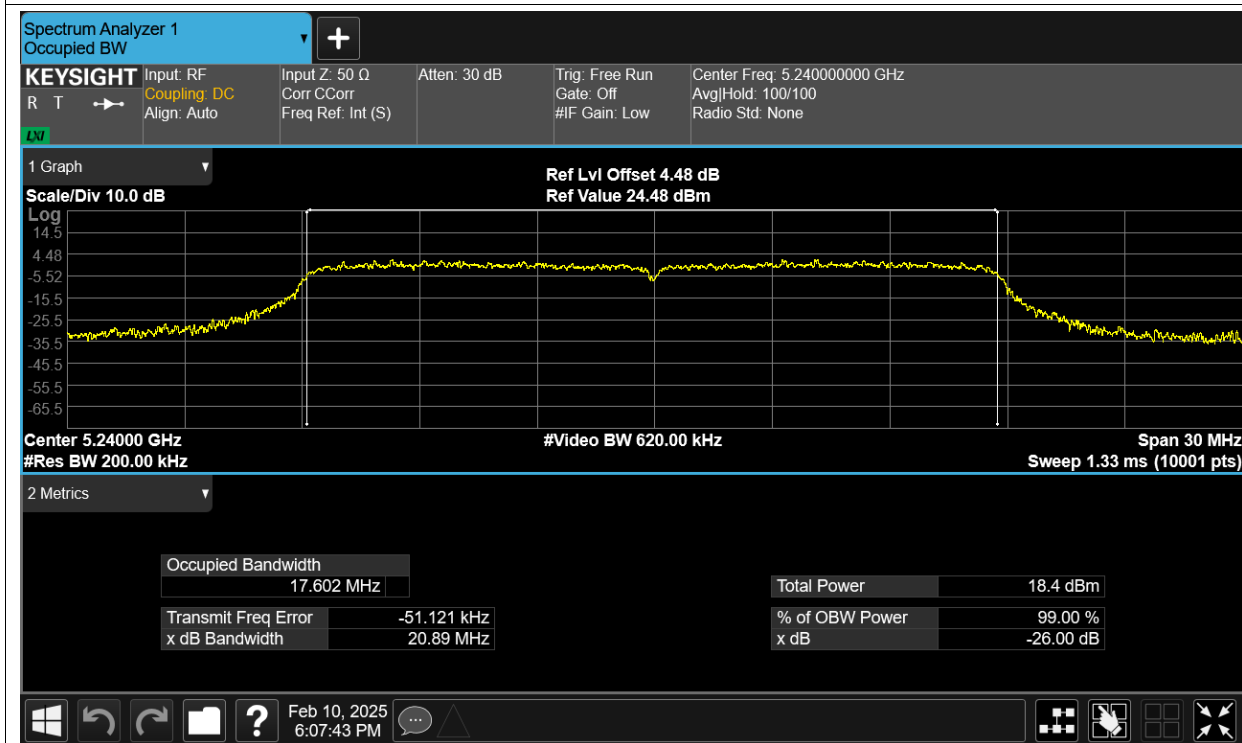
OBW NVNT ac20 5180MHz Ant1



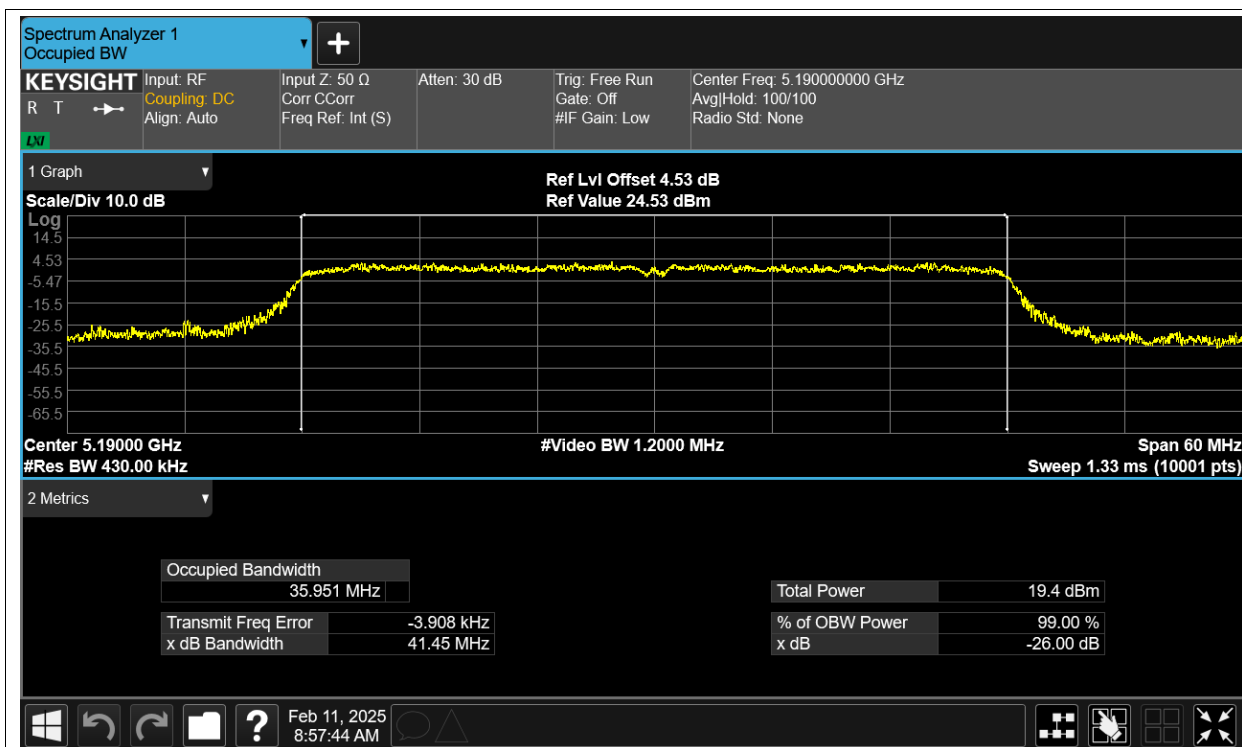
OBW NVNT ac20 5200MHz Ant1



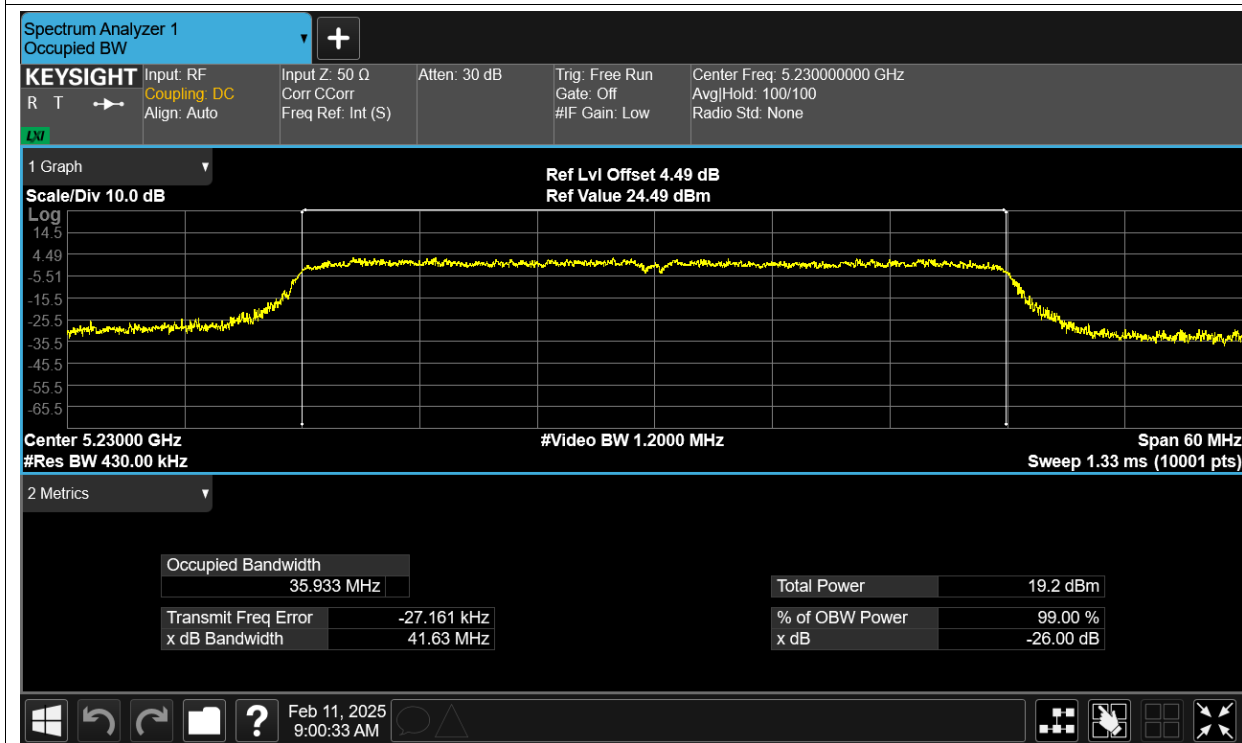
OBW NVNT ac20 5240MHz Ant1



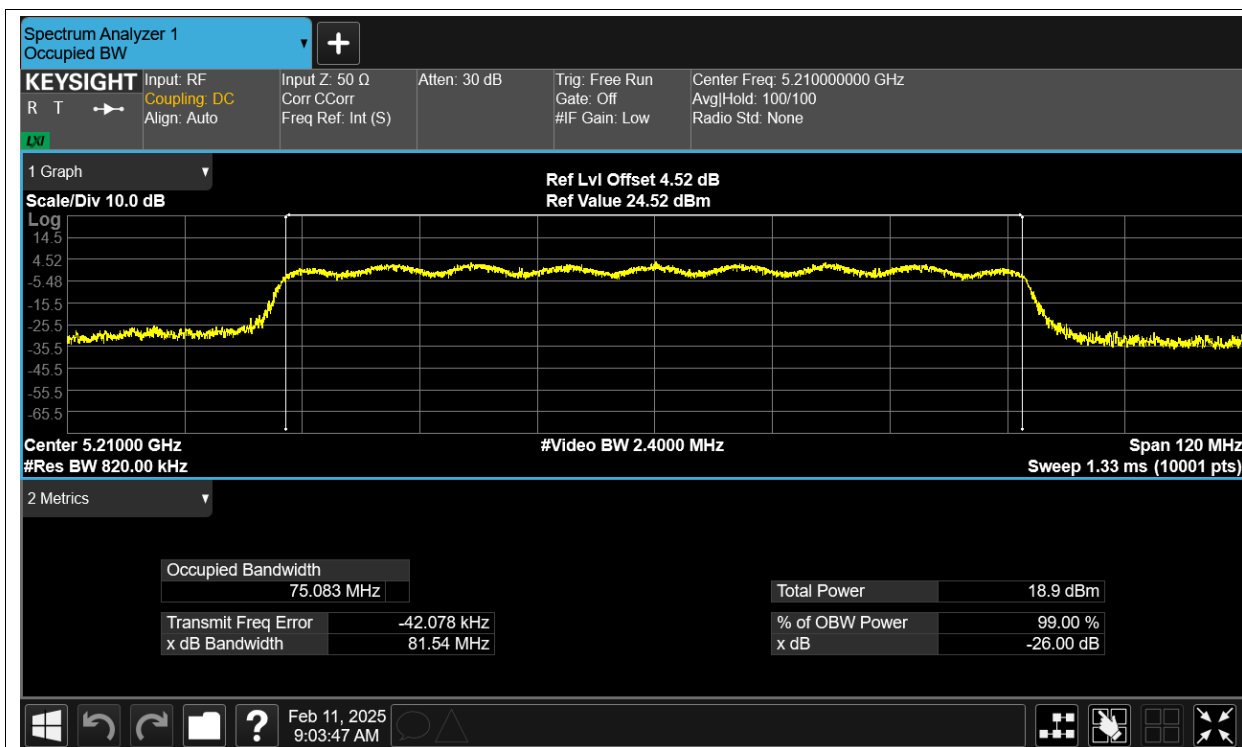
OBW NVNT ac40 5190MHz Ant1



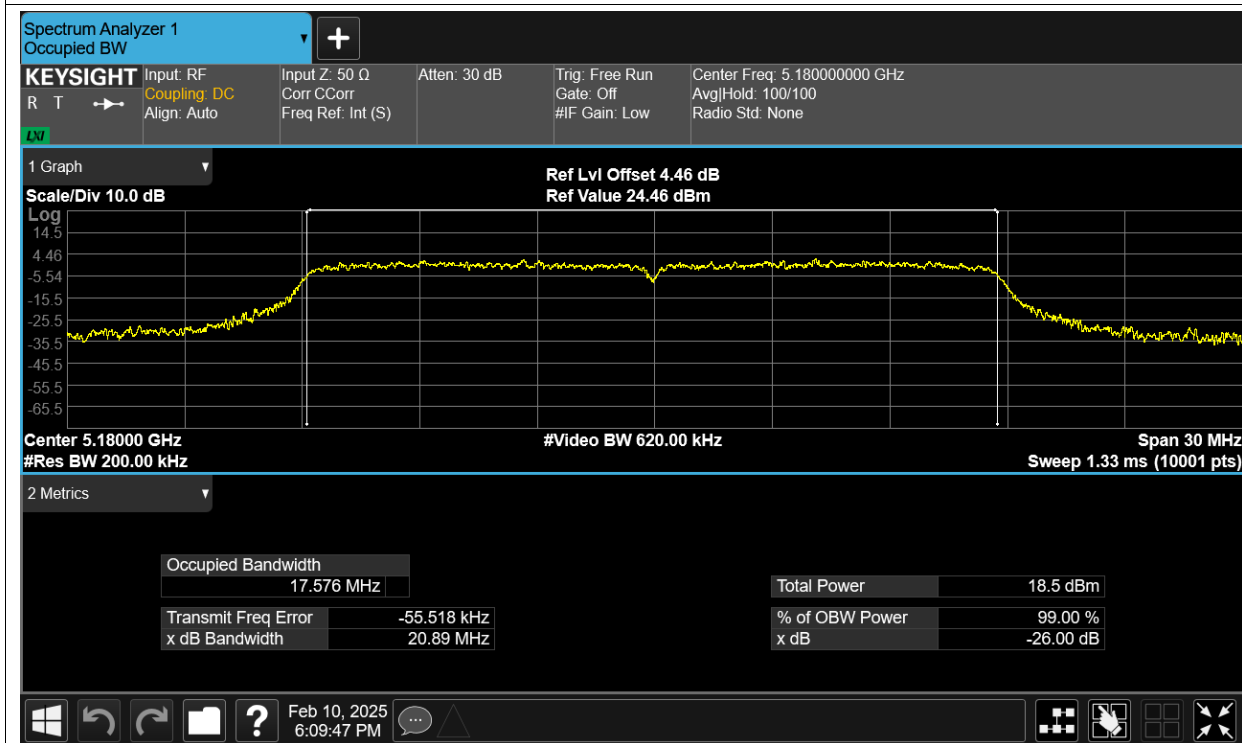
OBW NVNT ac40 5230MHz Ant1



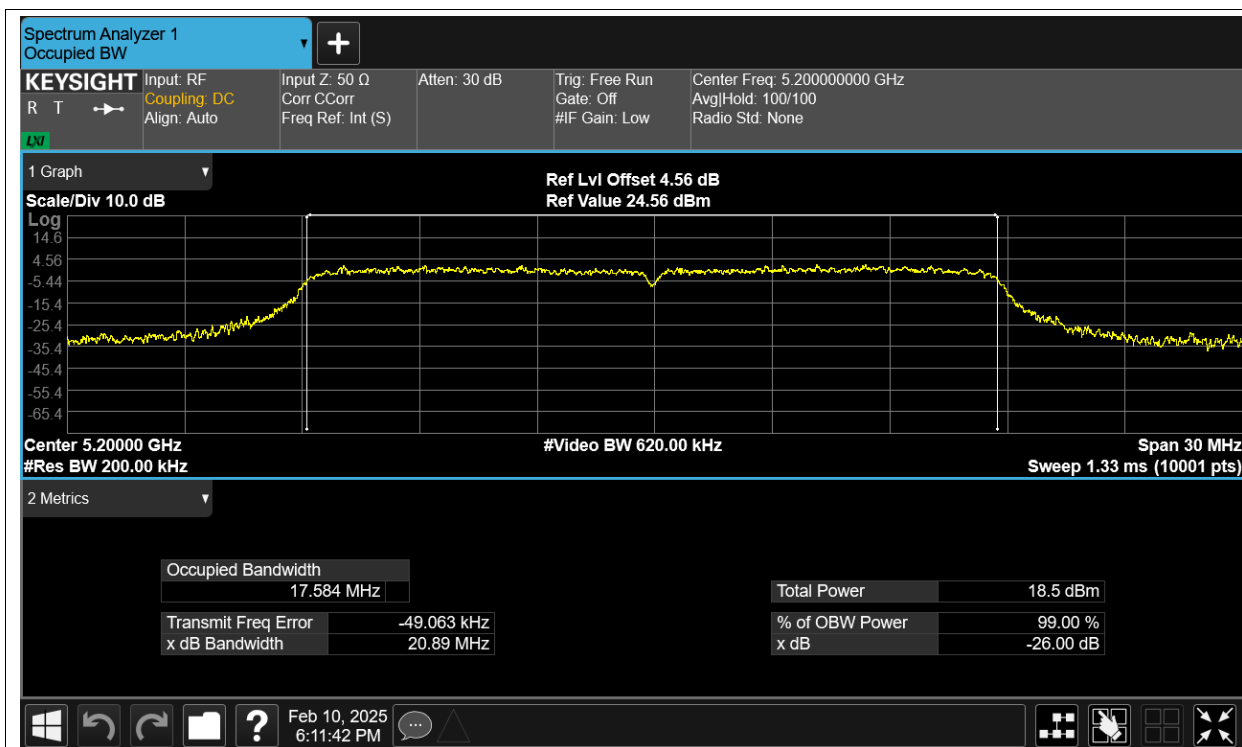
OBW NVNT ac80 5210MHz Ant1



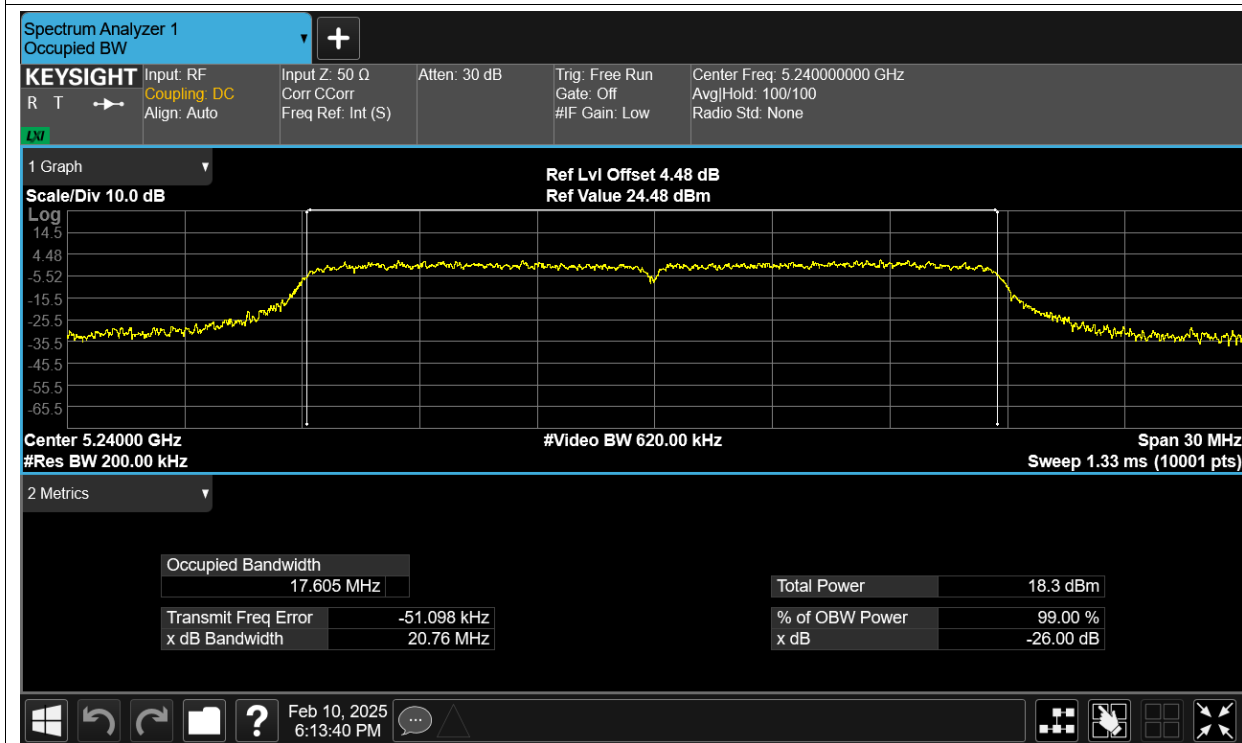
OBW NVNT n20 5180MHz Ant1



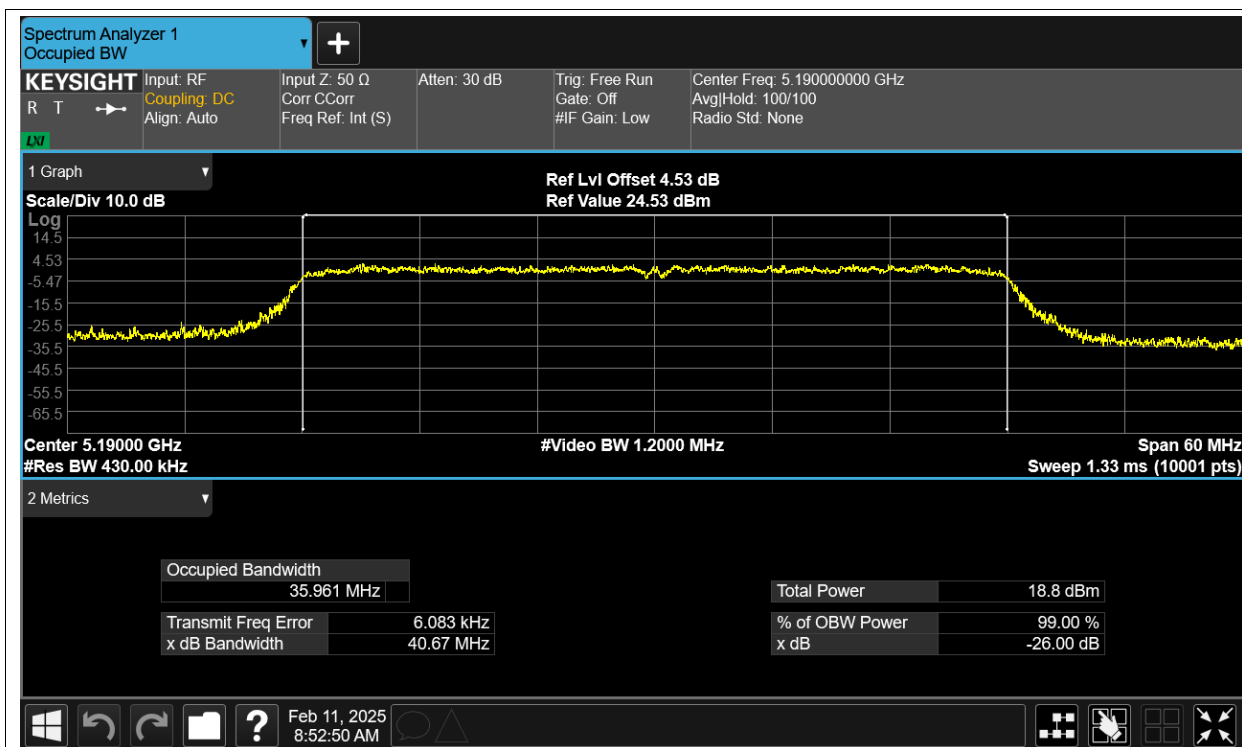
OBW NVNT n20 5200MHz Ant1



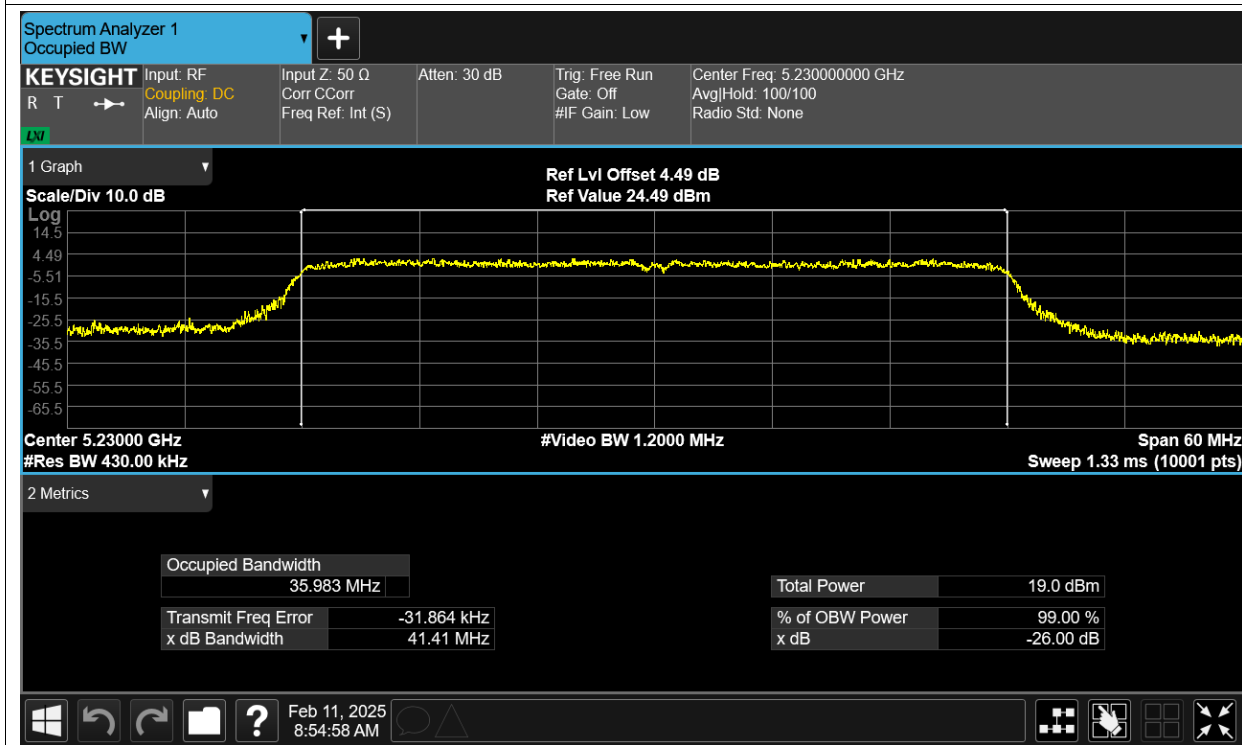
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

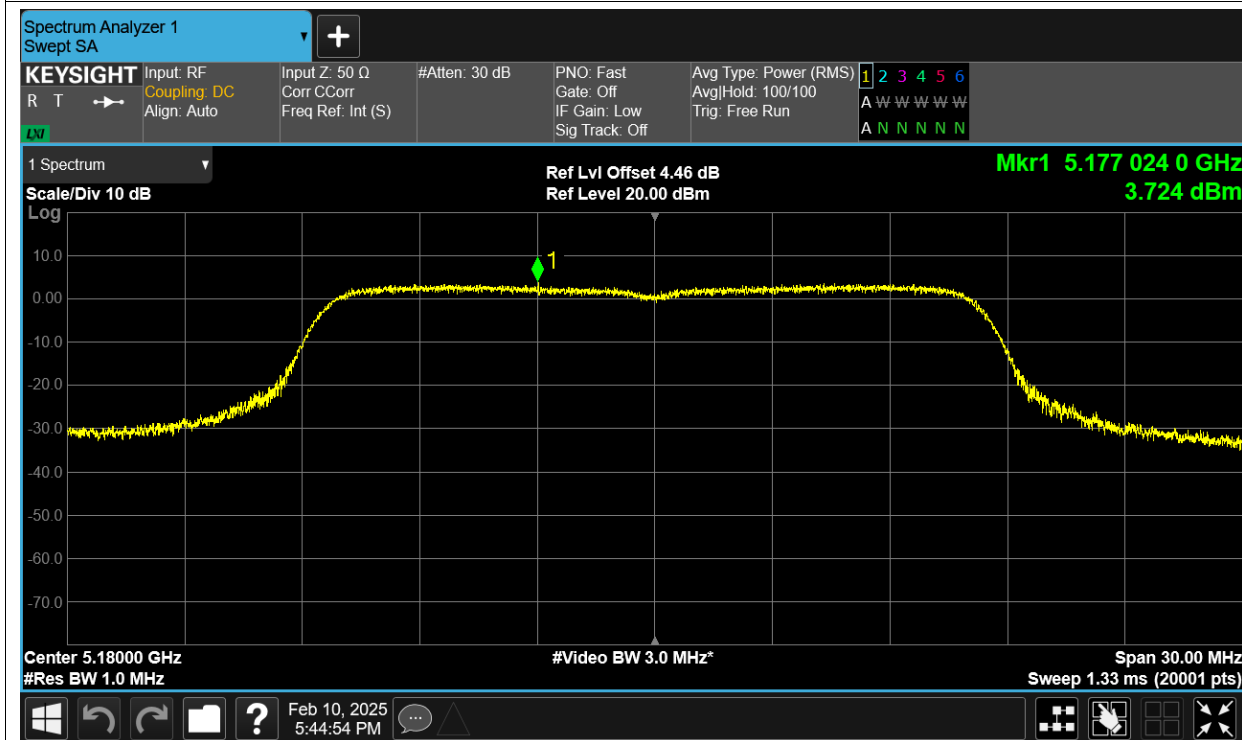


Maximum Power Spectral Density Level

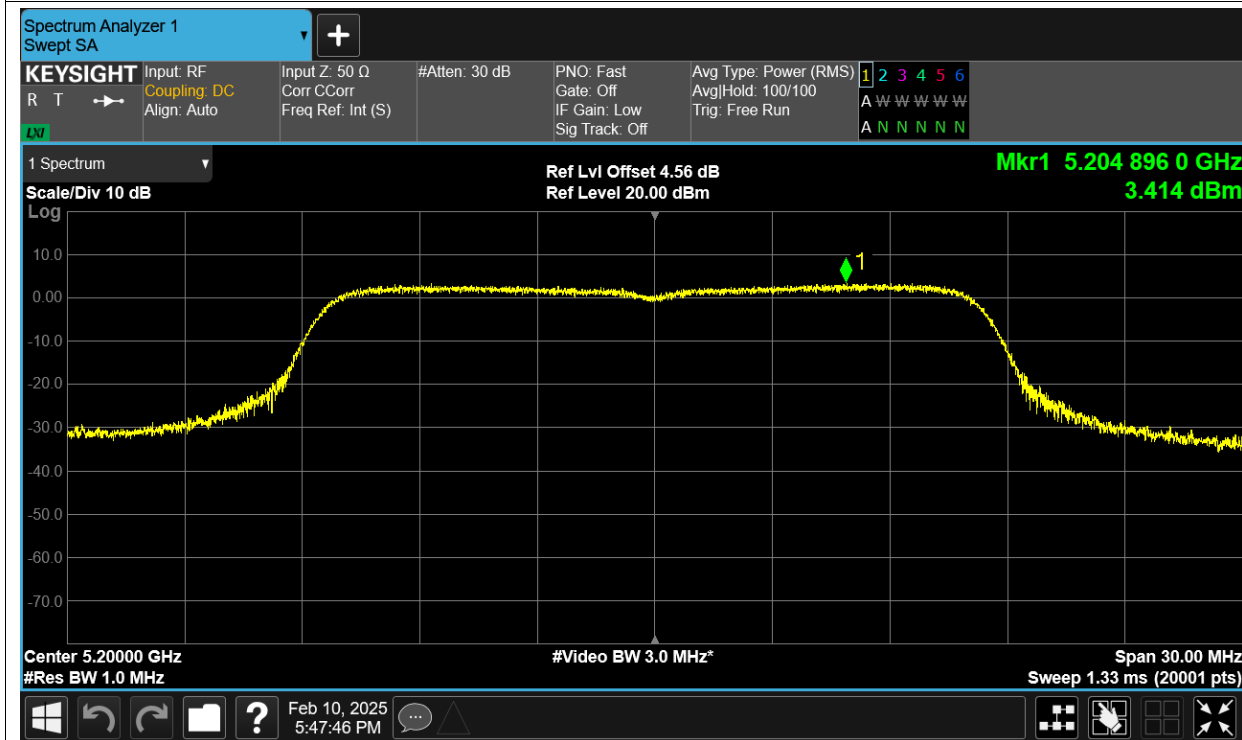
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.724	11	Pass
NVNT	a	5200	Ant1	3.414	11	Pass
NVNT	a	5240	Ant1	3.046	11	Pass
NVNT	ac20	5180	Ant1	2.596	11	Pass
NVNT	ac20	5200	Ant1	2.578	11	Pass
NVNT	ac20	5240	Ant1	2.416	11	Pass
NVNT	ac40	5190	Ant1	-0.1	11	Pass
NVNT	ac40	5230	Ant1	-0.428	11	Pass
NVNT	ac80	5210	Ant1	-2.306	11	Pass
NVNT	n20	5180	Ant1	2.39	11	Pass
NVNT	n20	5200	Ant1	2.801	11	Pass
NVNT	n20	5240	Ant1	2.663	11	Pass
NVNT	n40	5190	Ant1	-0.783	11	Pass
NVNT	n40	5230	Ant1	-0.328	11	Pass

Test Graphs

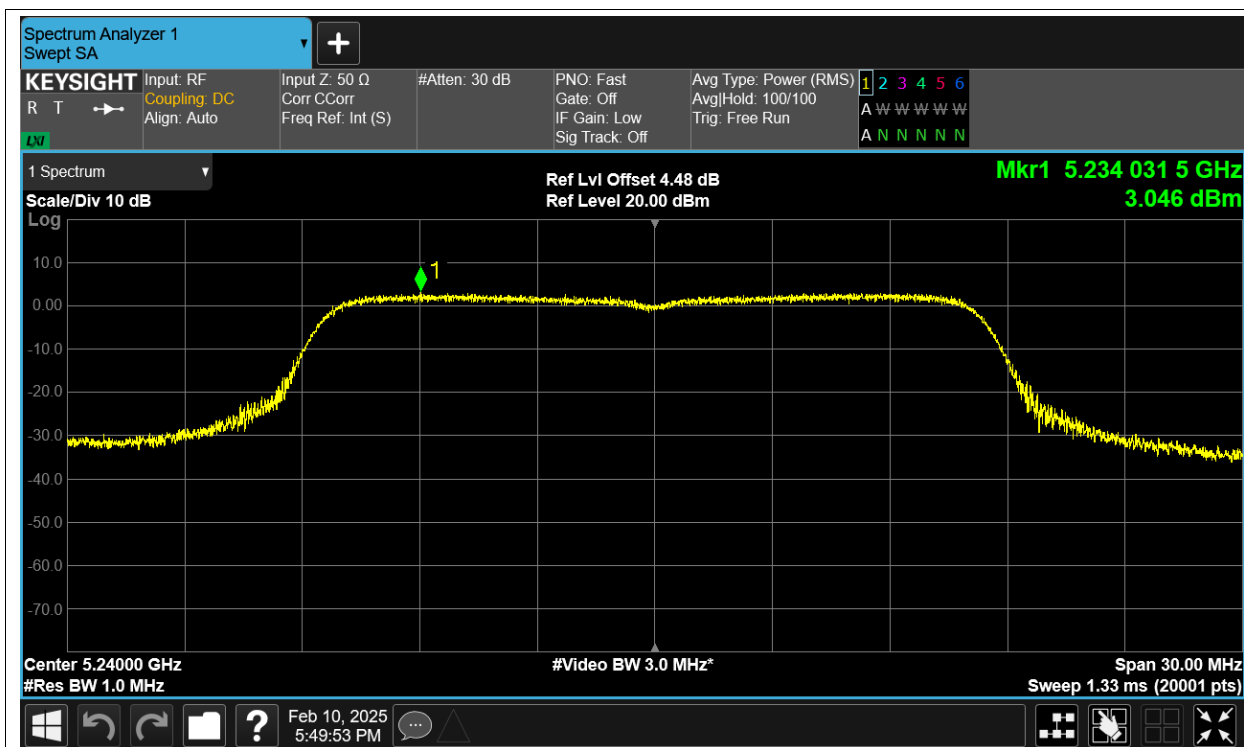
PSD NVNT a 5180MHz Ant1



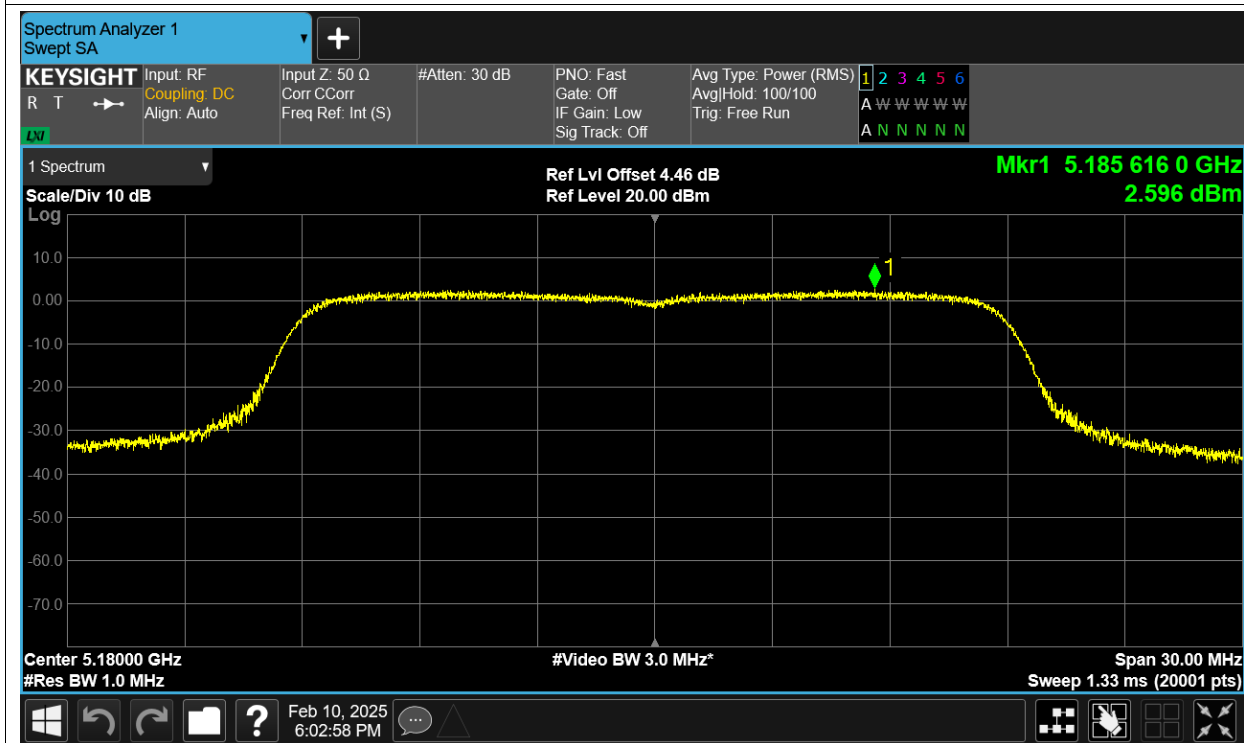
PSD NVNT a 5200MHz Ant1



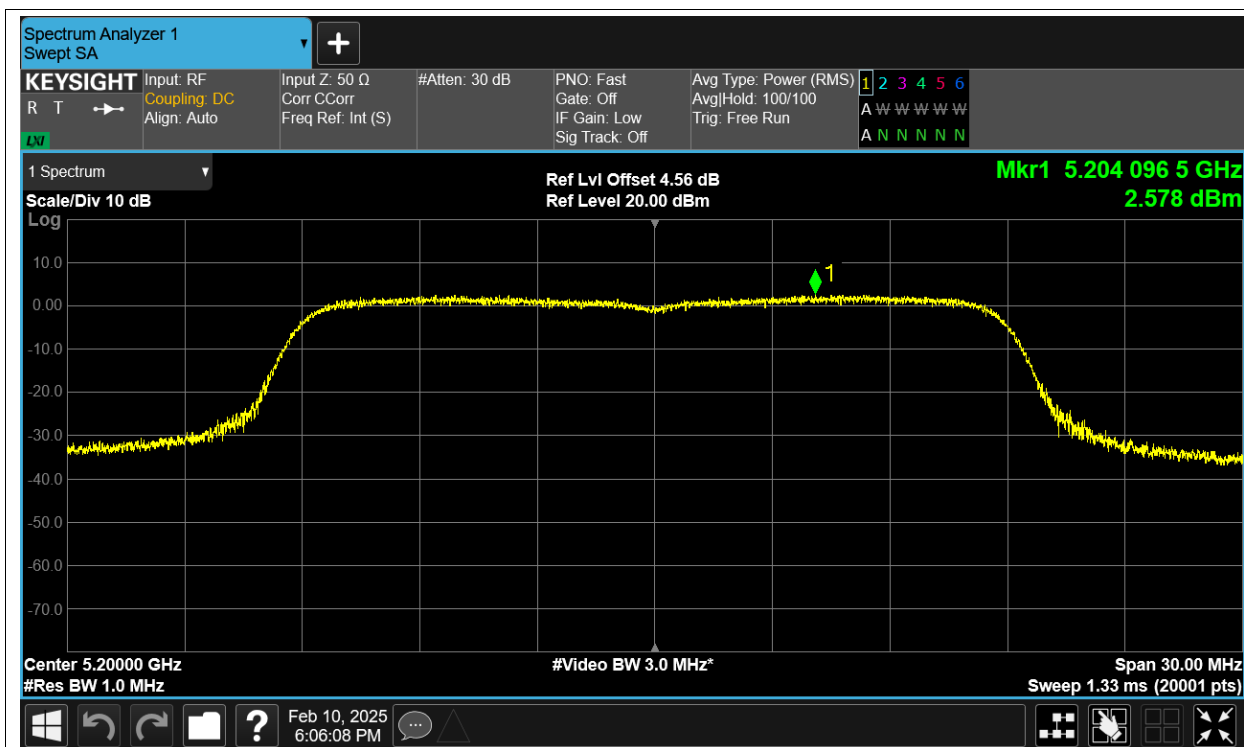
PSD NVNT a 5240MHz Ant1



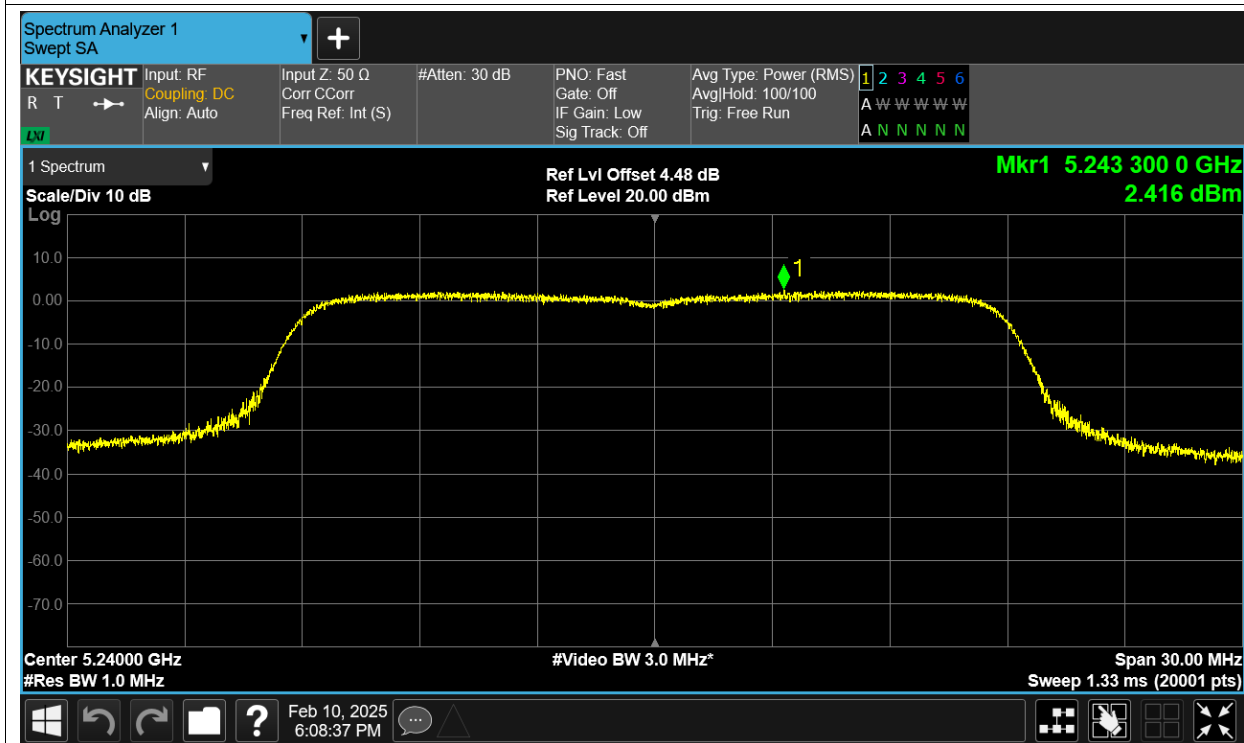
PSD NVNT ac20 5180MHz Ant1



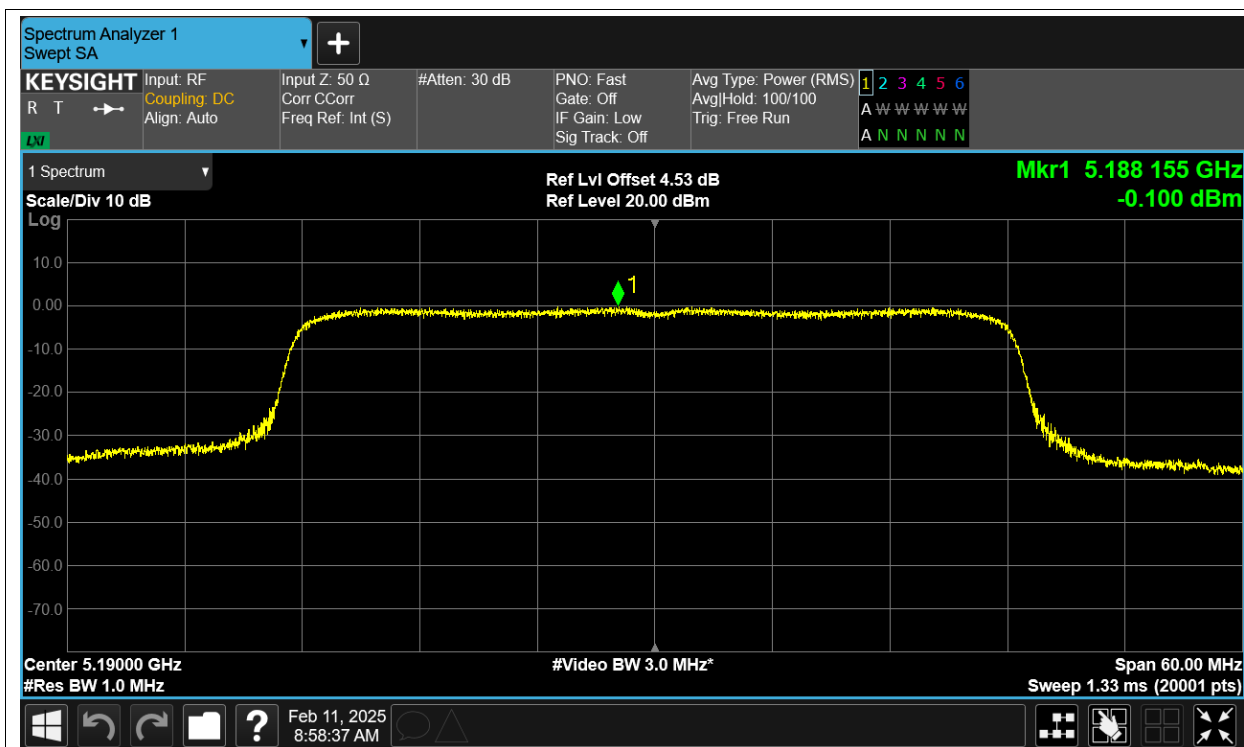
PSD NVNT ac20 5200MHz Ant1



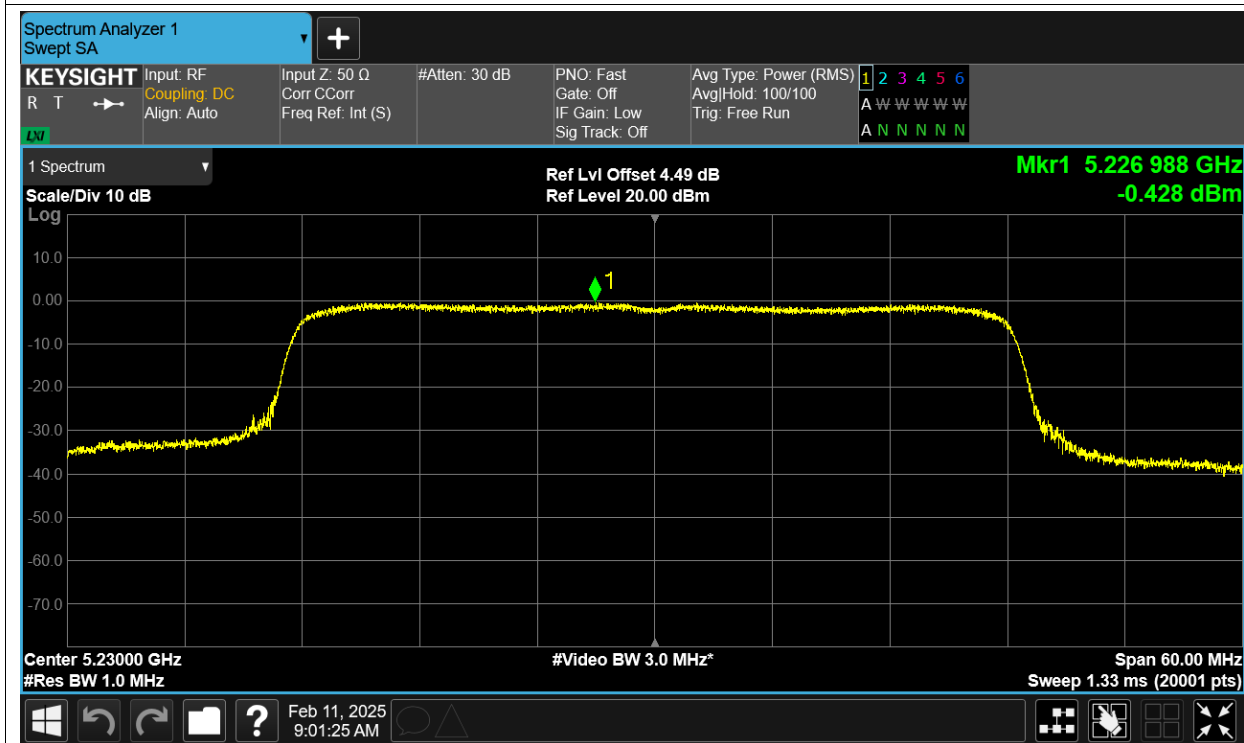
PSD NVNT ac20 5240MHz Ant1



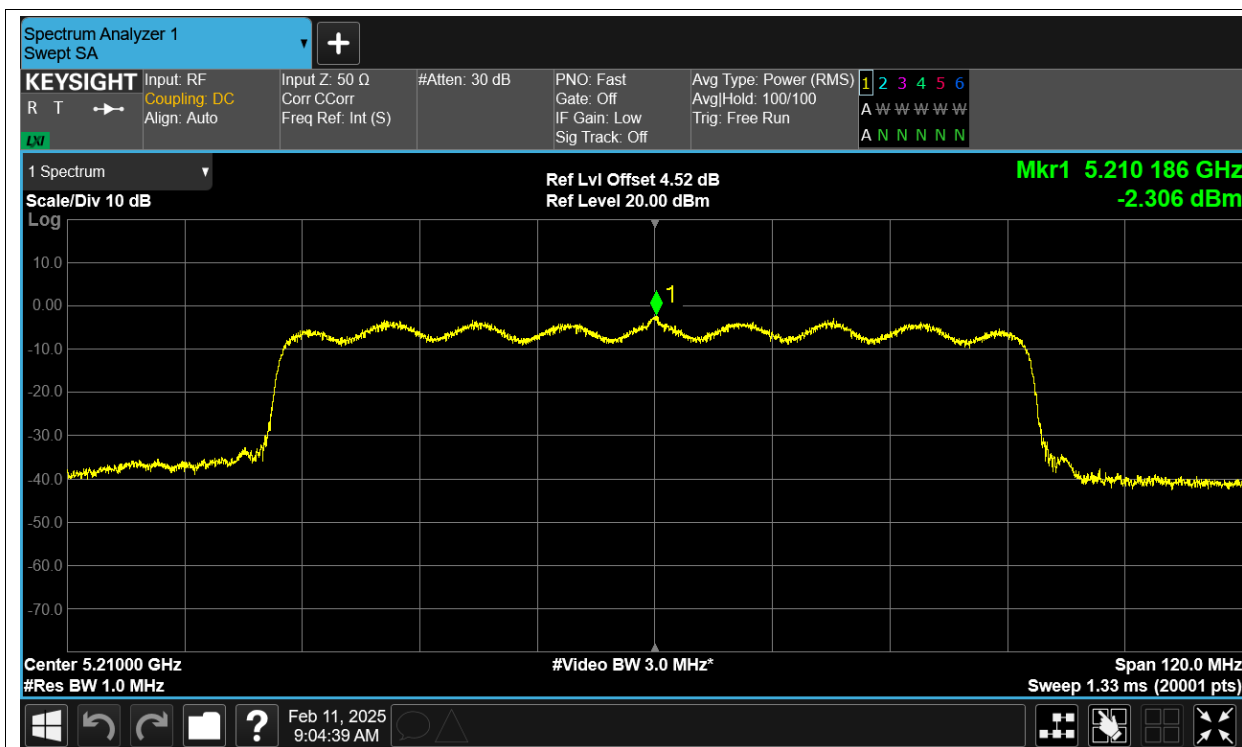
PSD NVNT ac40 5190MHz Ant1



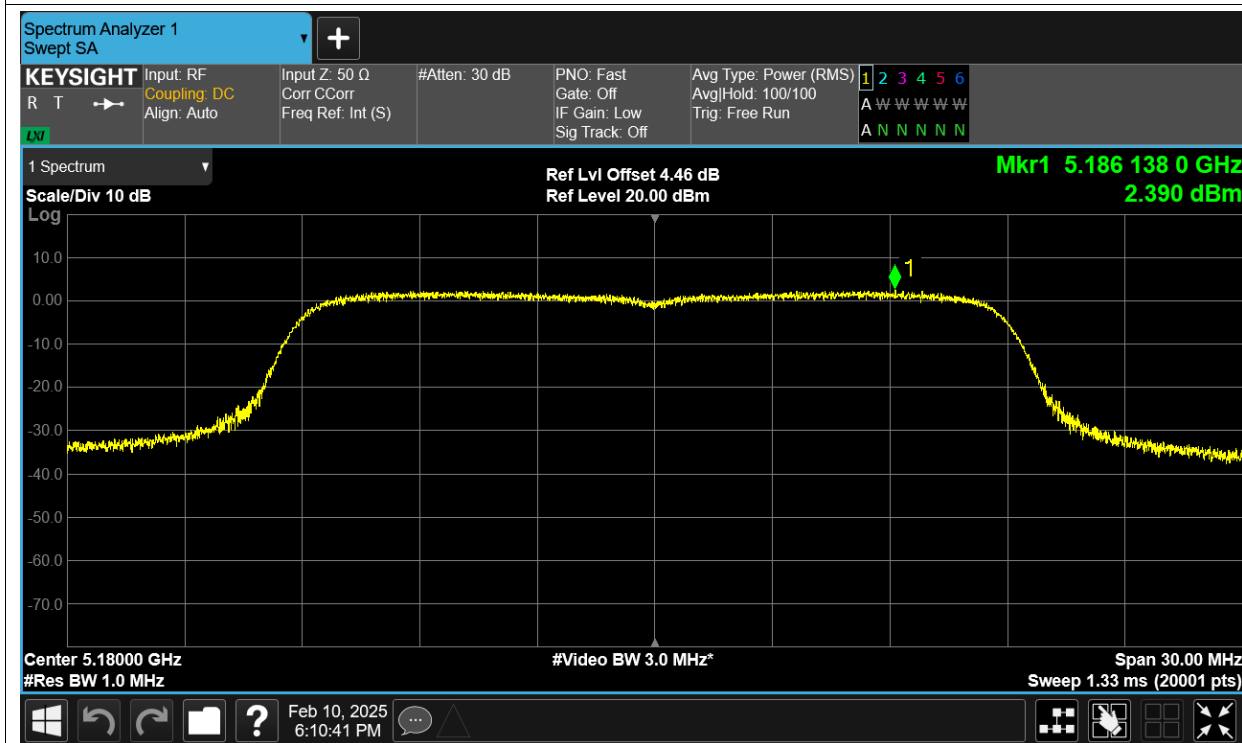
PSD NVNT ac40 5230MHz Ant1



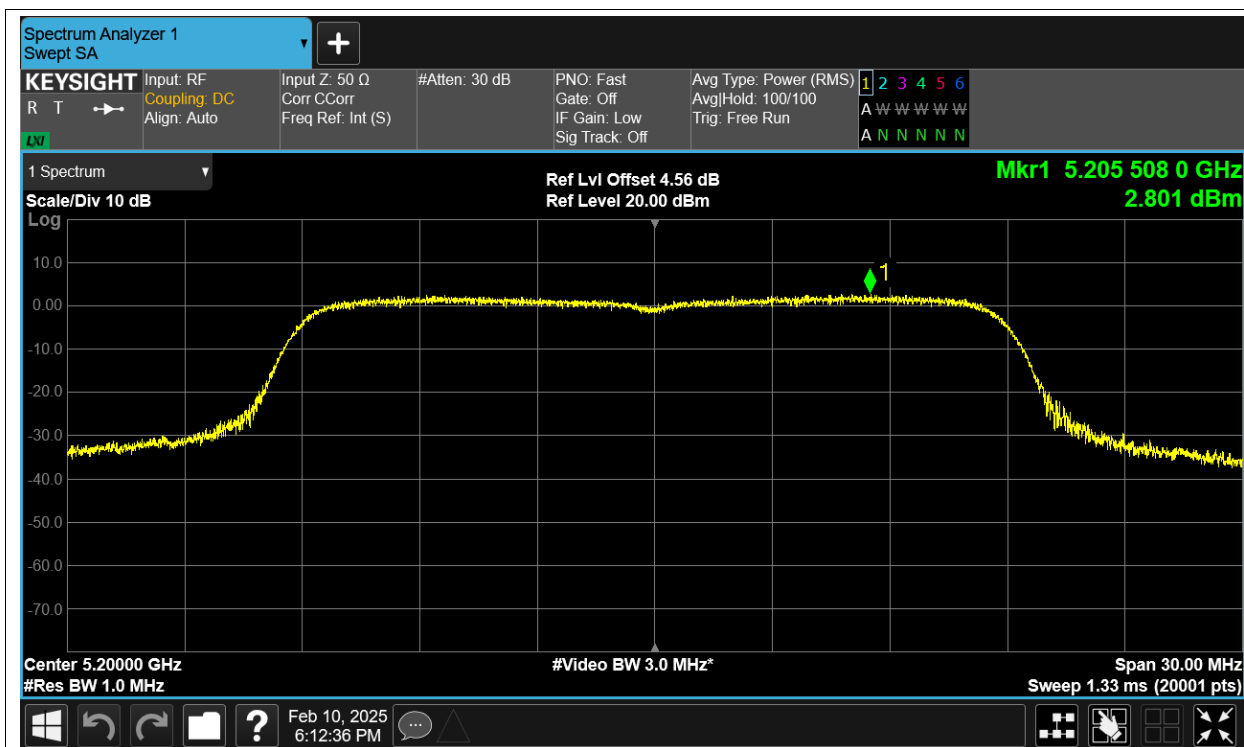
PSD NVNT ac80 5210MHz Ant1



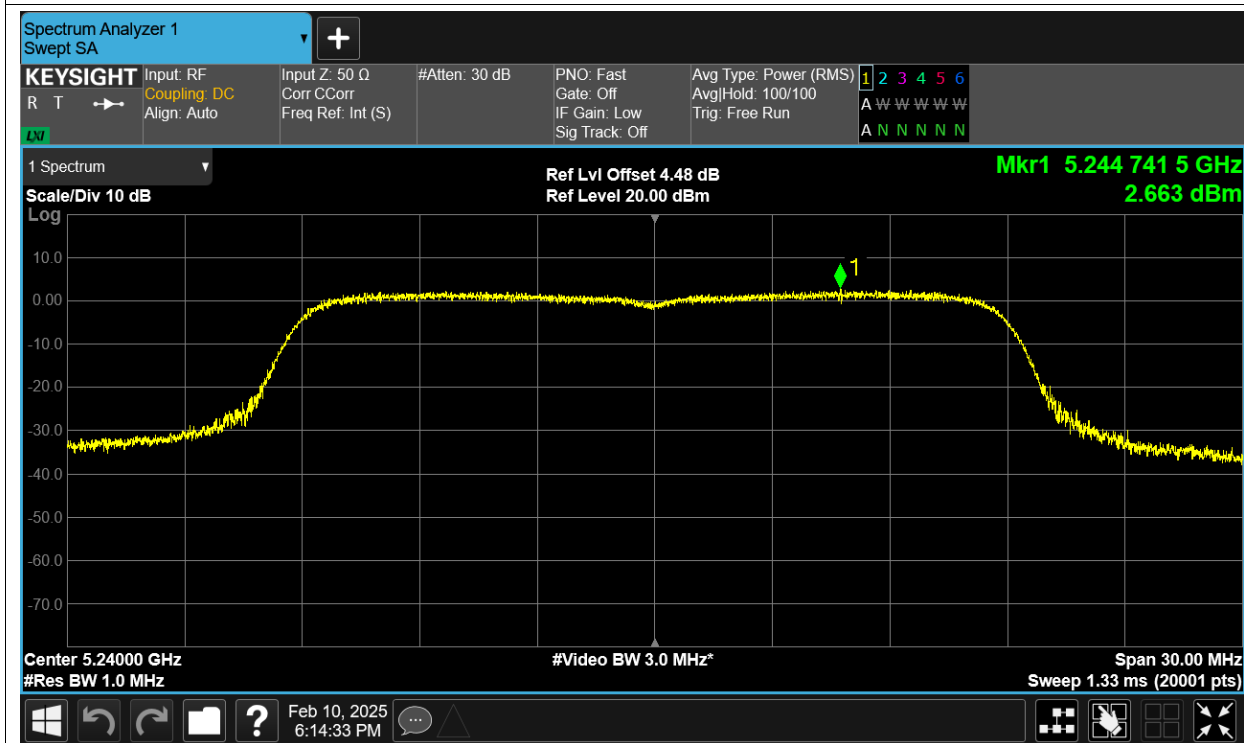
PSD NVNT n20 5180MHz Ant1



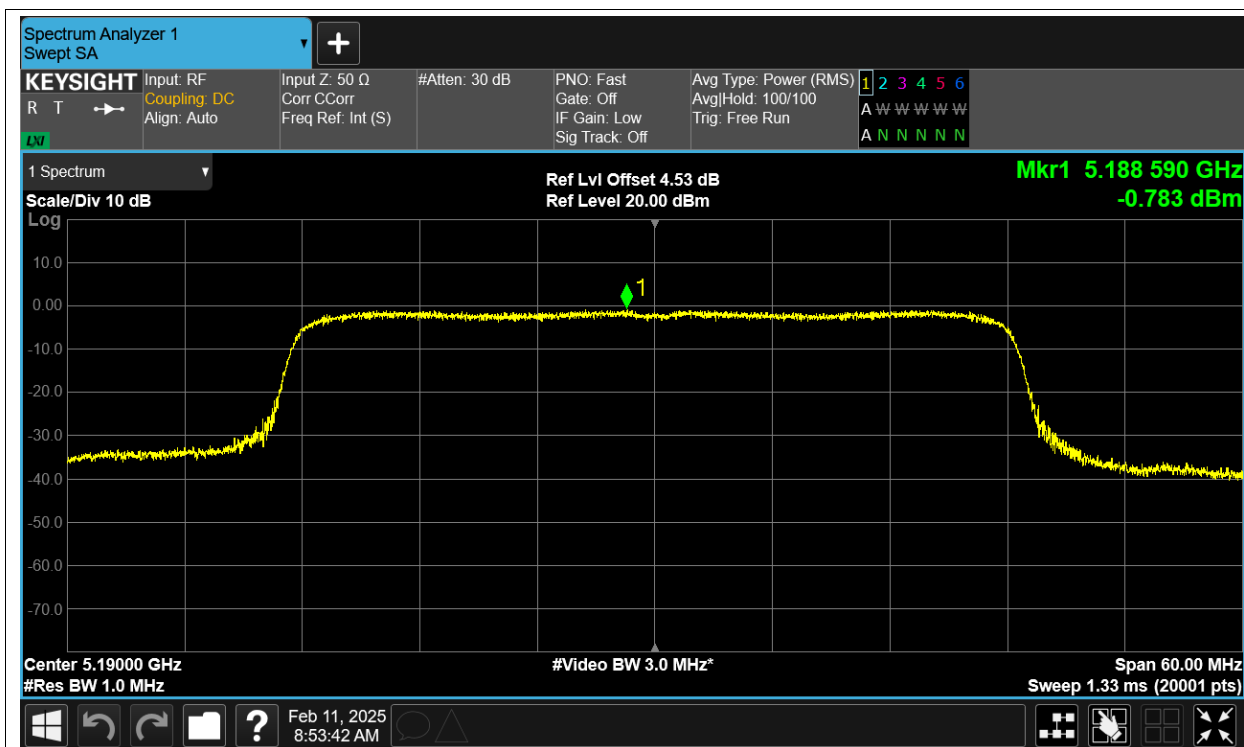
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

