

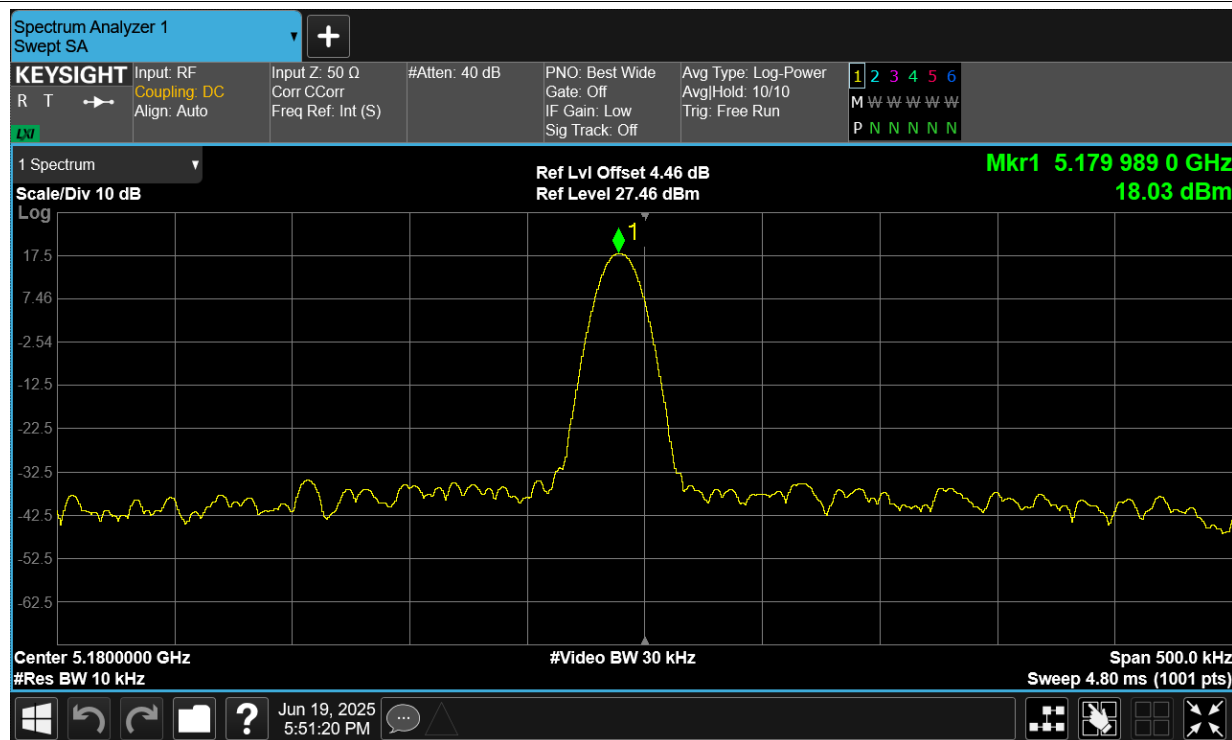
Test Data

Frequency Stability

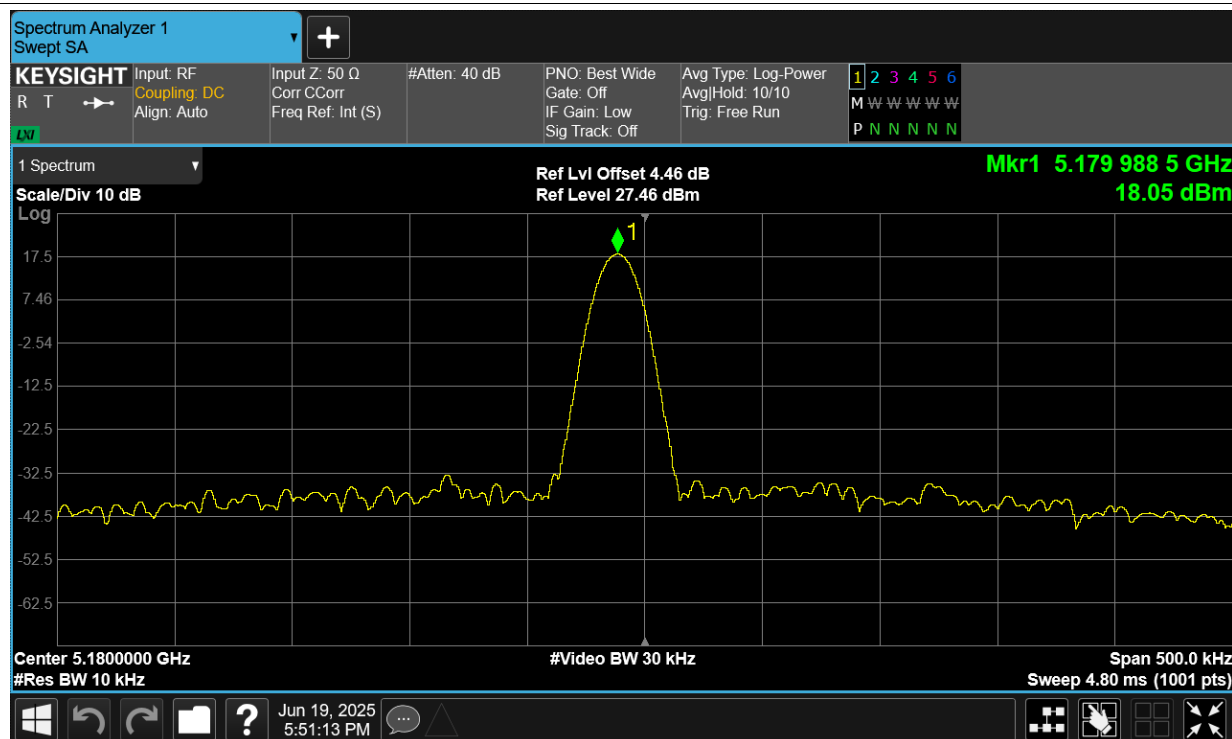
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.989	-2.12	25	Pass
LVNT	a	5180	Ant1	5179.9885	-2.22	25	Pass
NVHT	a	5180	Ant1	5179.9875	-2.41	25	Pass
NVLT	a	5180	Ant1	5179.986	-2.7	25	Pass
NVNT	a	5180	Ant1	5179.983	-3.28	25	Pass
HVNT	ac80	5210	Ant1	5209.995	-0.96	25	Pass
LVNT	ac80	5210	Ant1	5209.9945	-1.06	25	Pass
NVHT	ac80	5210	Ant1	5209.994	-1.15	25	Pass
NVLT	ac80	5210	Ant1	5209.9935	-1.25	25	Pass
NVNT	ac80	5210	Ant1	5209.991774676	-1.58	25	Pass
HVNT	n40	5190	Ant1	5189.992	-1.54	25	Pass
LVNT	n40	5190	Ant1	5189.9915	-1.64	25	Pass
NVHT	n40	5190	Ant1	5189.9905	-1.83	25	Pass
NVLT	n40	5190	Ant1	5189.989	-2.12	25	Pass
NVNT	n40	5190	Ant1	5189.9865	-2.6	25	Pass

Test Graphs

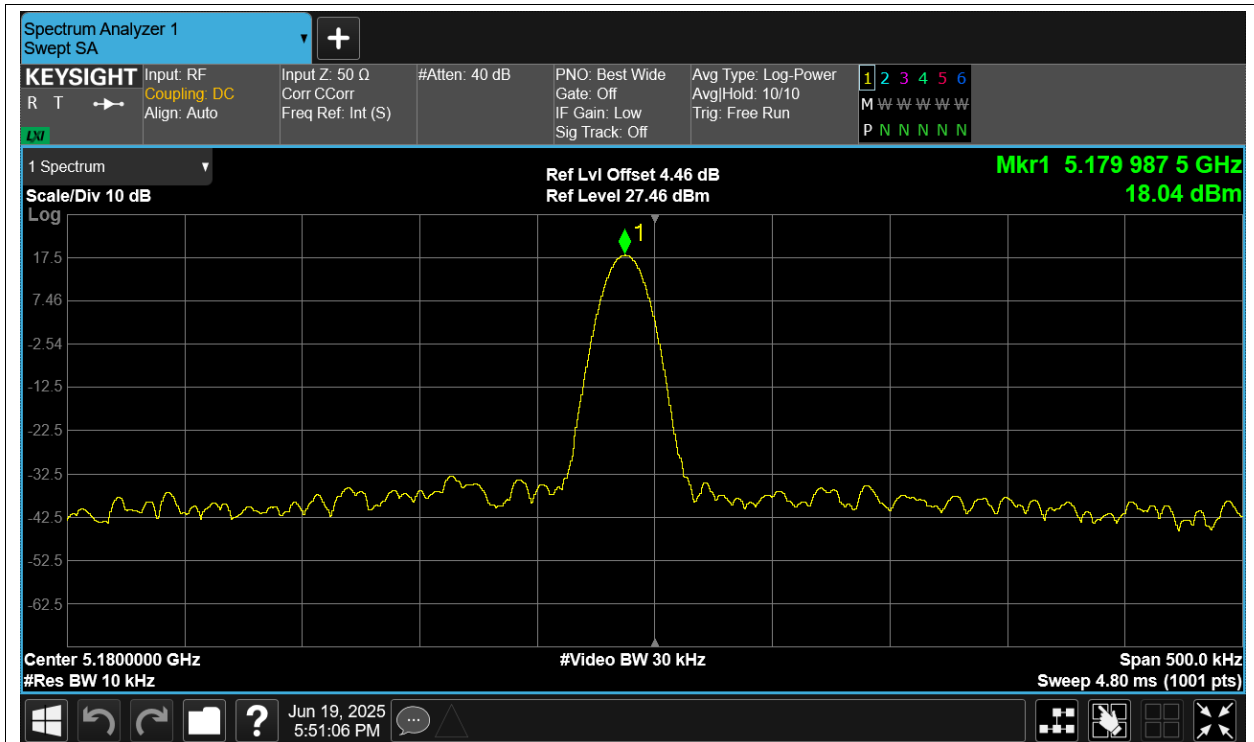
Freq. Stability HVNT a 5180MHz Ant1



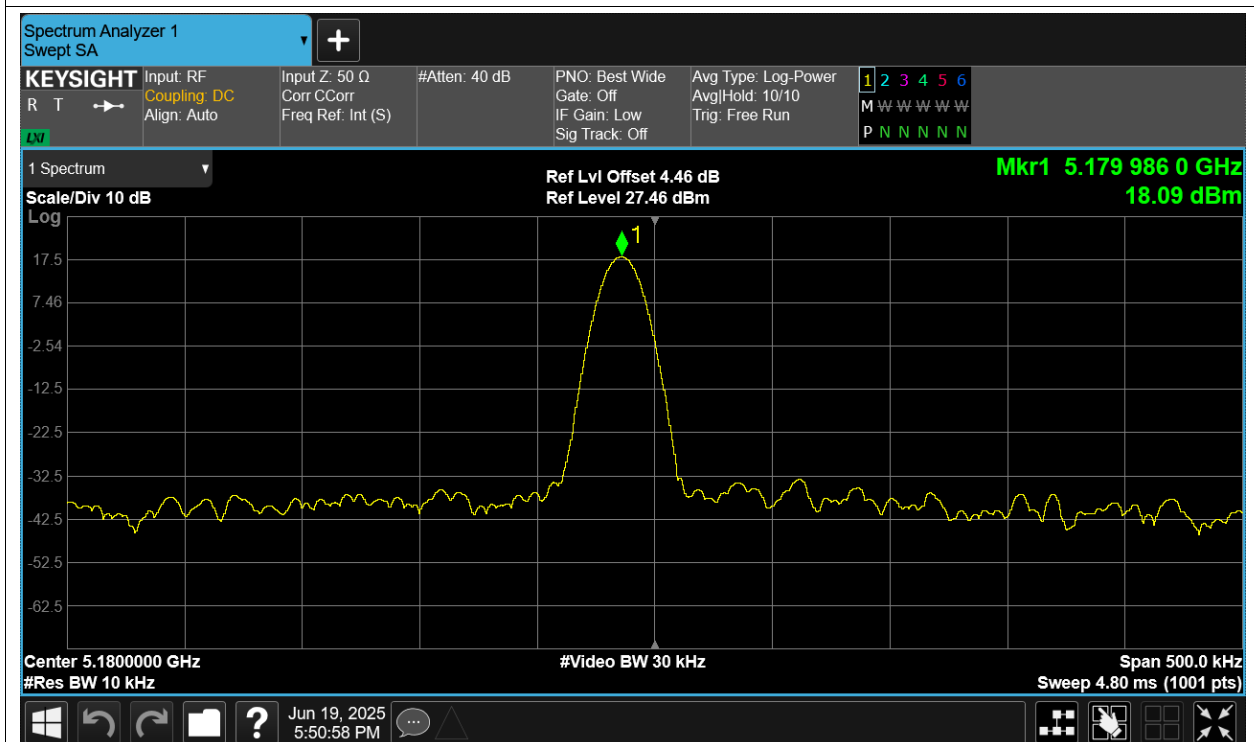
Freq. Stability LVNT a 5180MHz Ant1



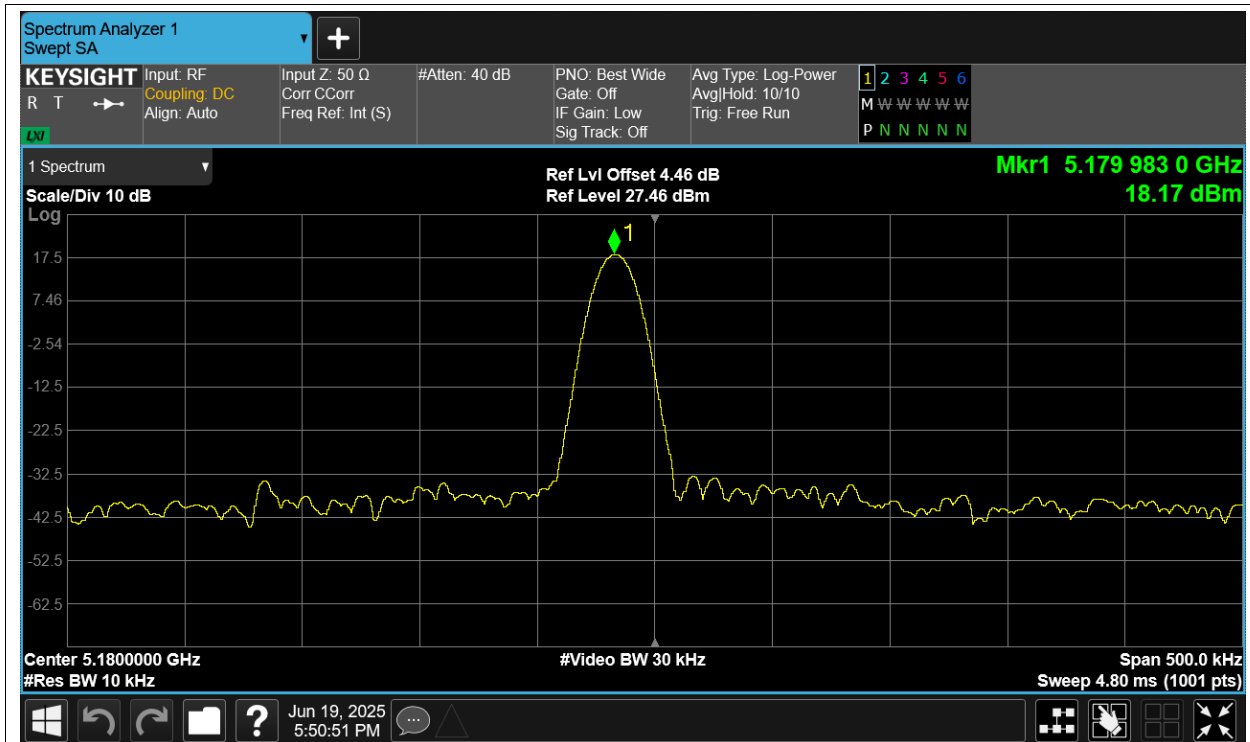
Freq. Stability NVHT a 5180MHz Ant1



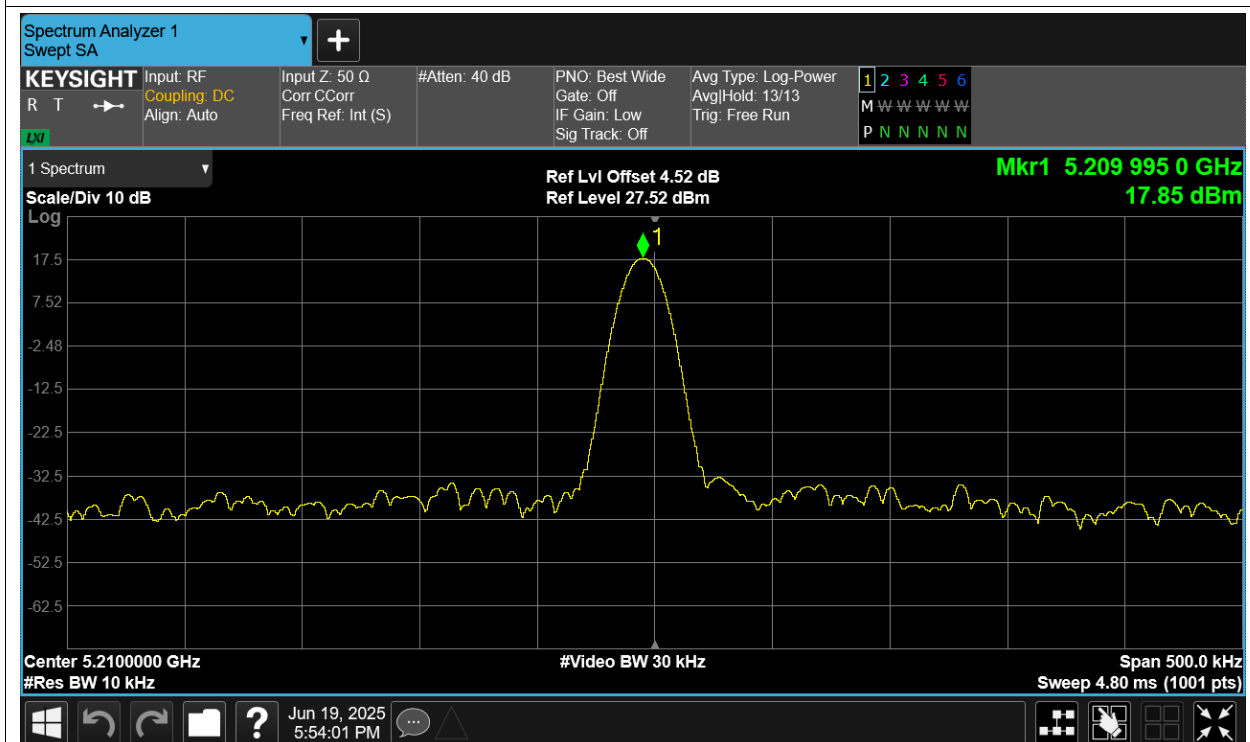
Freq. Stability NVLT a 5180MHz Ant1



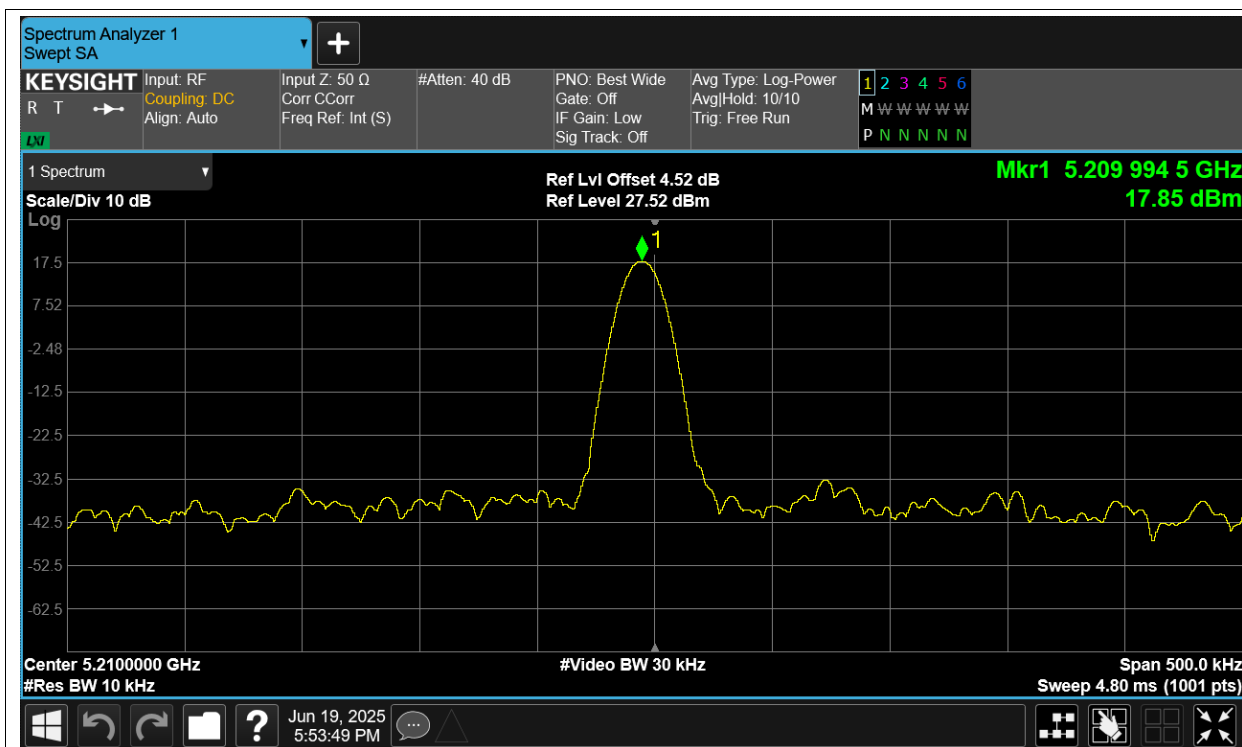
Freq. Stability NVNT a 5180MHz Ant1



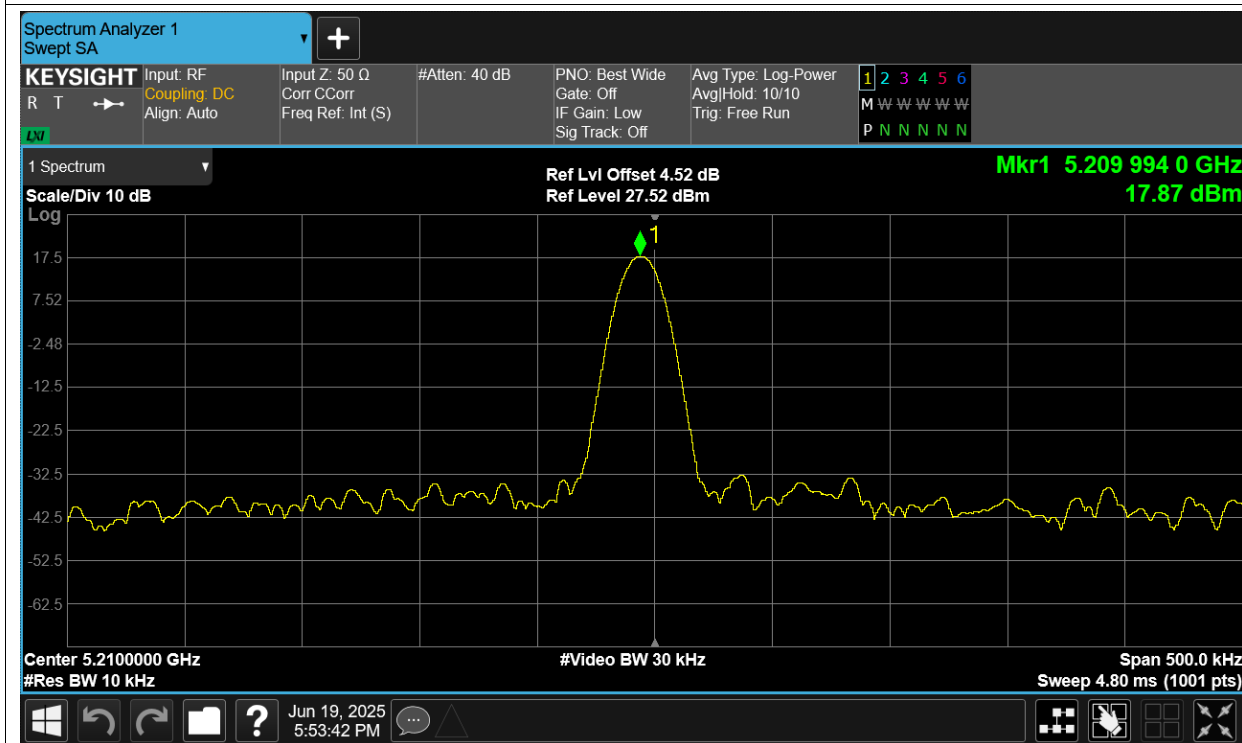
Freq. Stability HVNT ac80 5210MHz Ant1



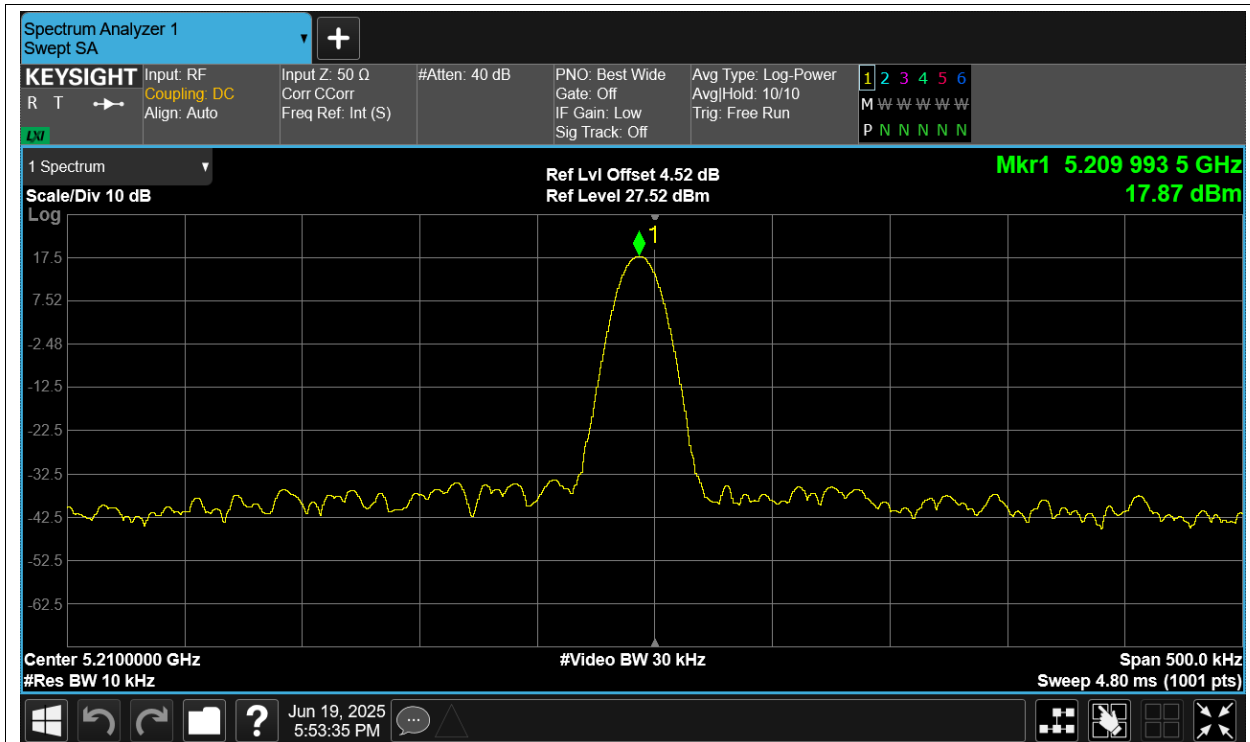
Freq. Stability LVNT ac80 5210MHz Ant1



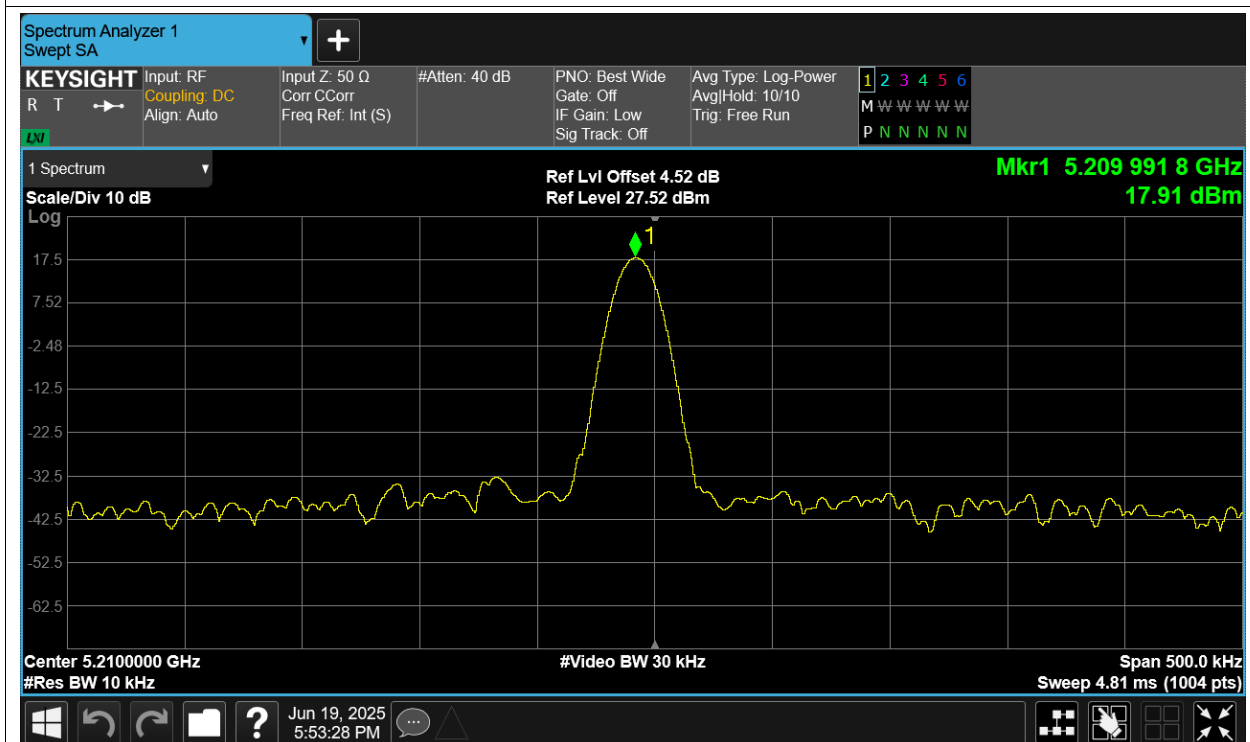
Freq. Stability NVHT ac80 5210MHz Ant1



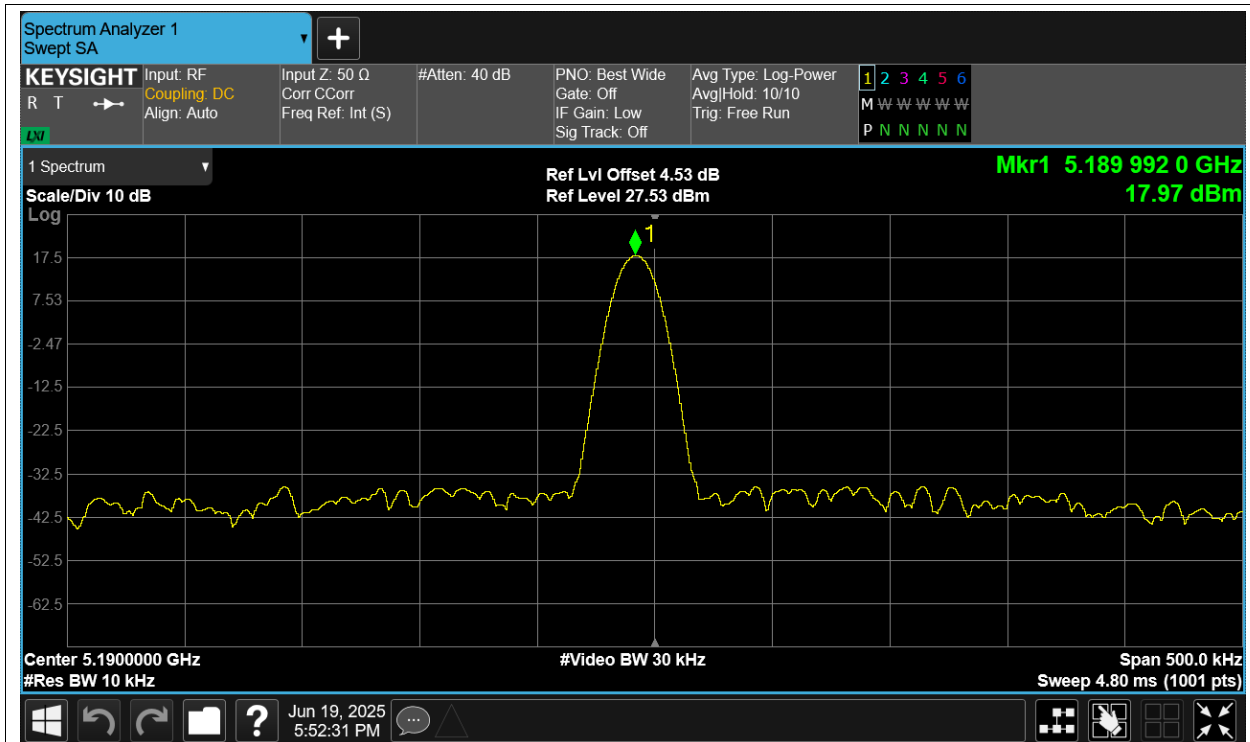
Freq. Stability NVLT ac80 5210MHz Ant1



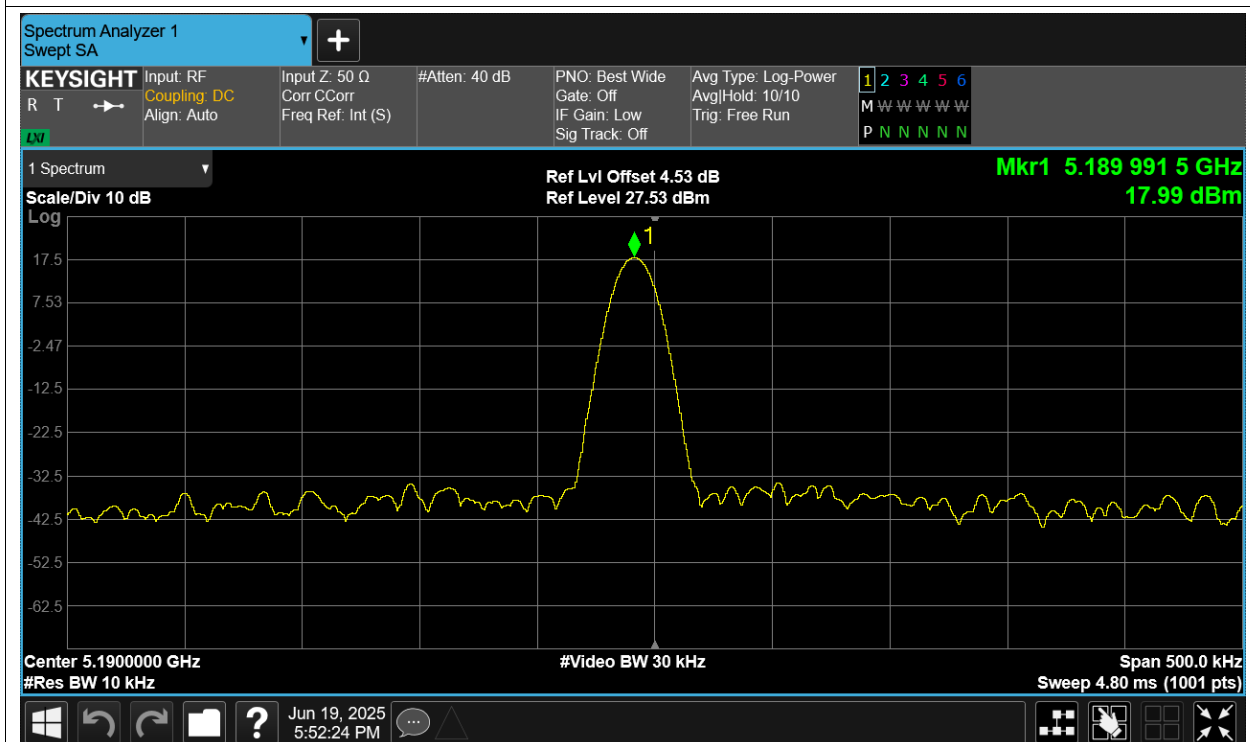
Freq. Stability NVNT ac80 5210MHz Ant1



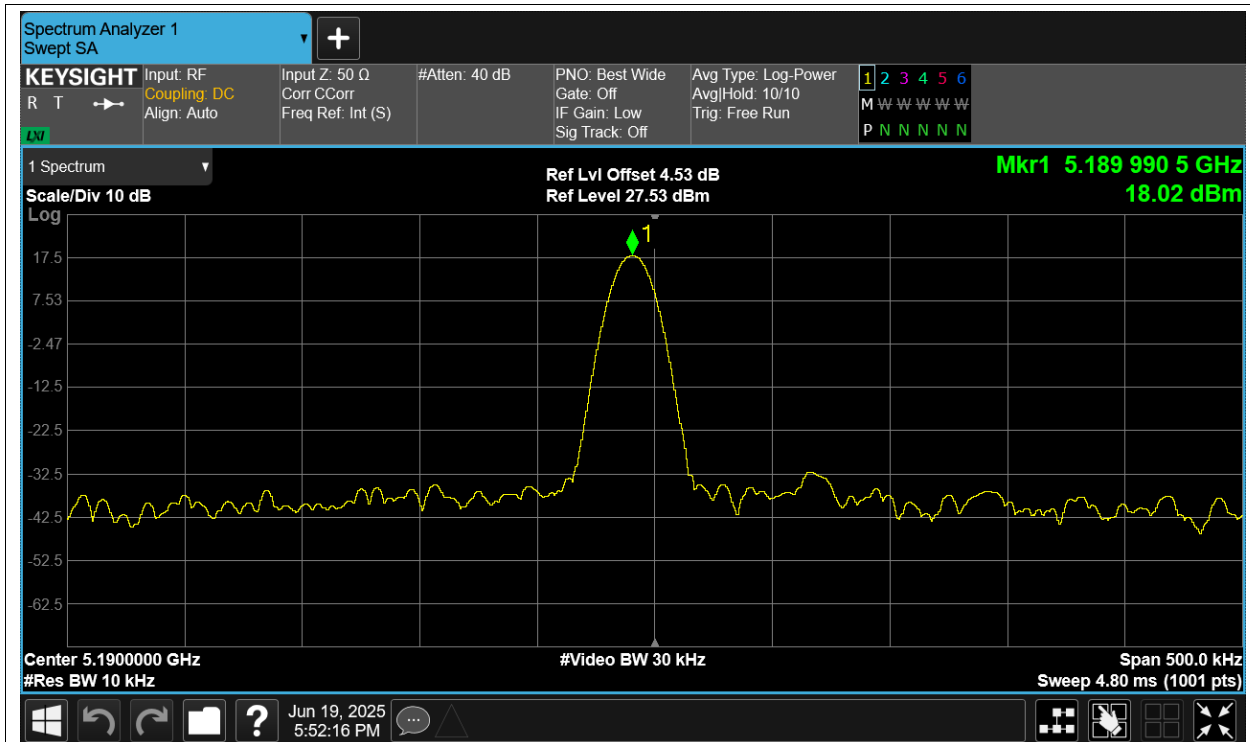
Freq. Stability HVNT n40 5190MHz Ant1



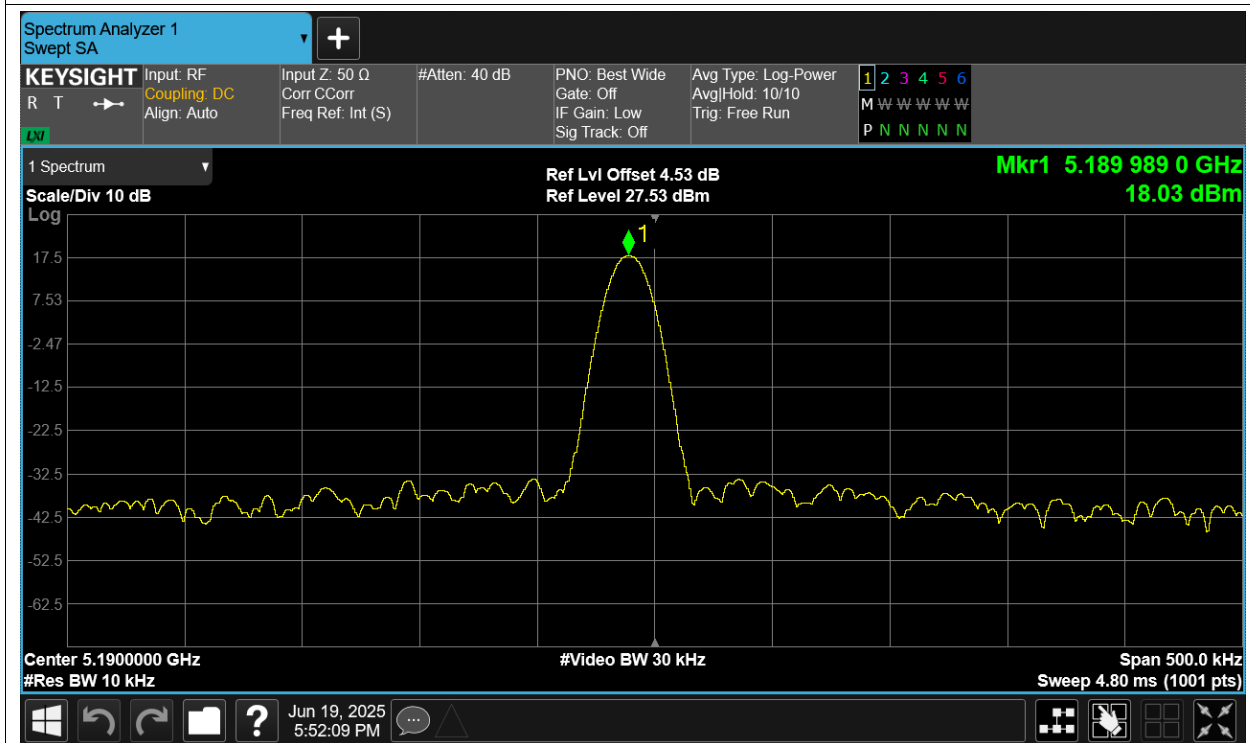
Freq. Stability LVNT n40 5190MHz Ant1



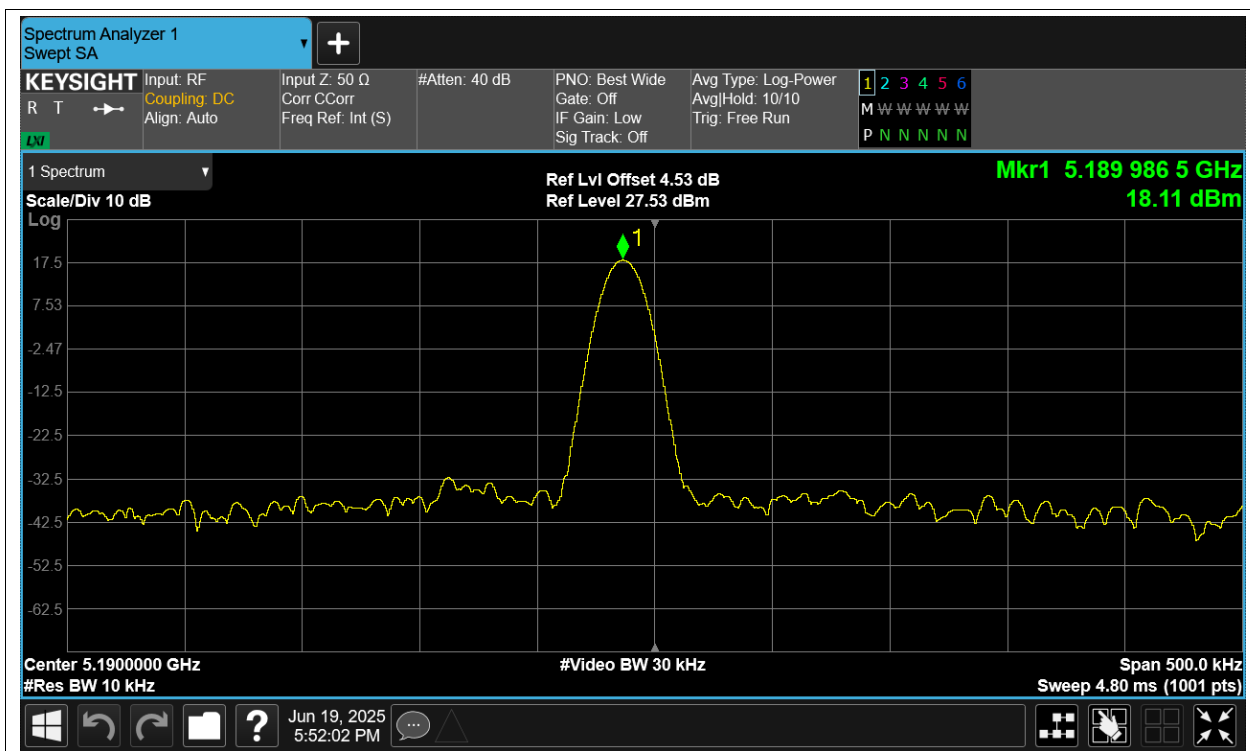
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1

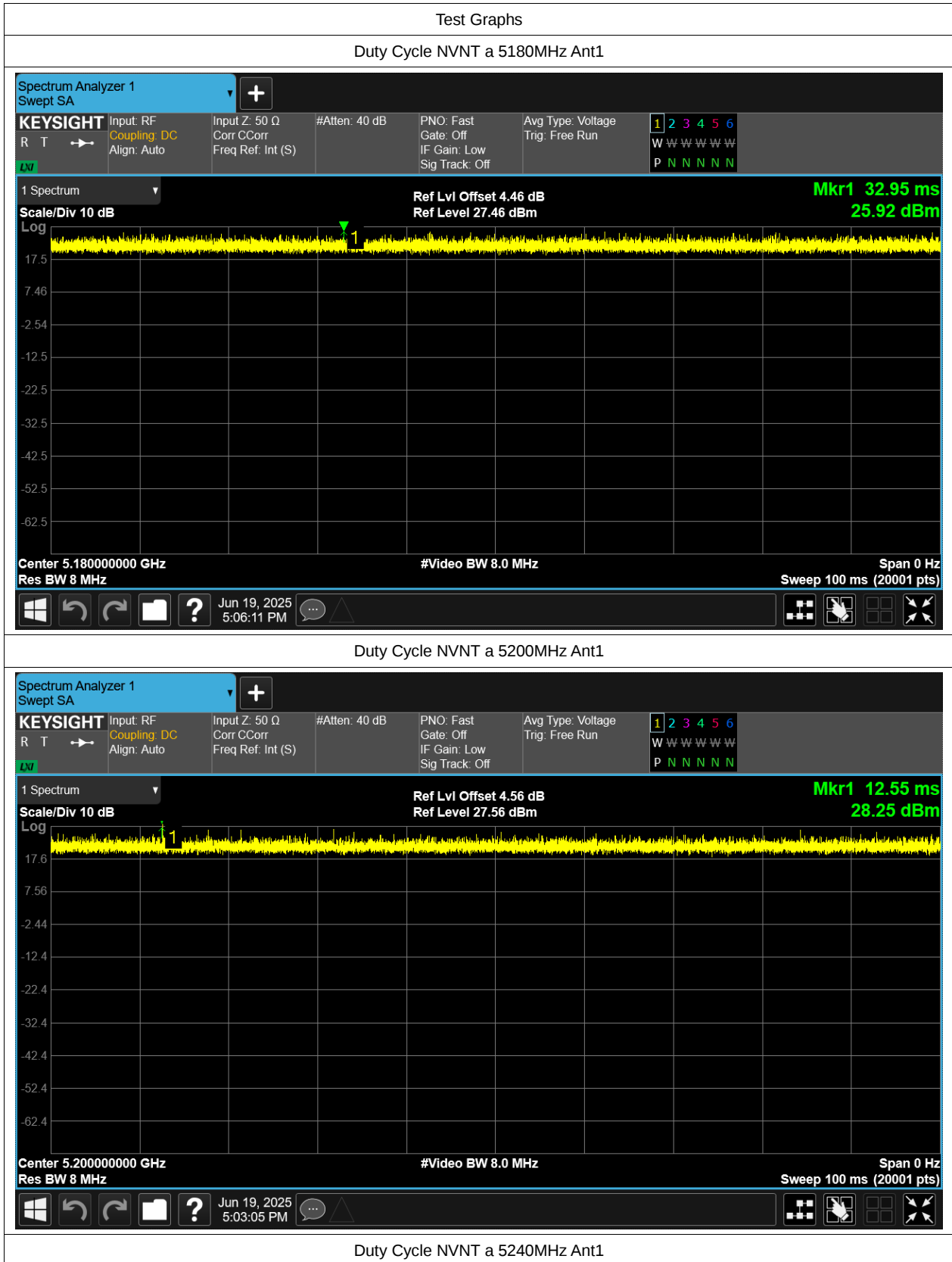


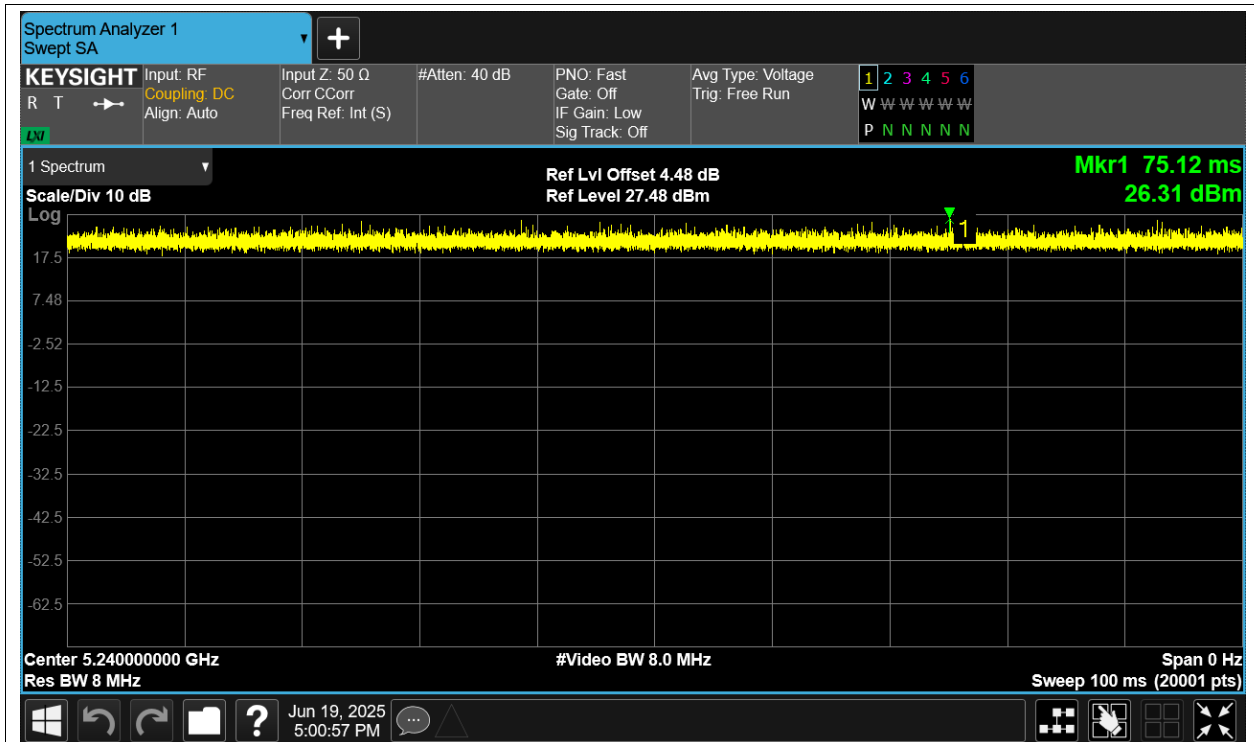
Freq. Stability NVNT n40 5190MHz Ant1



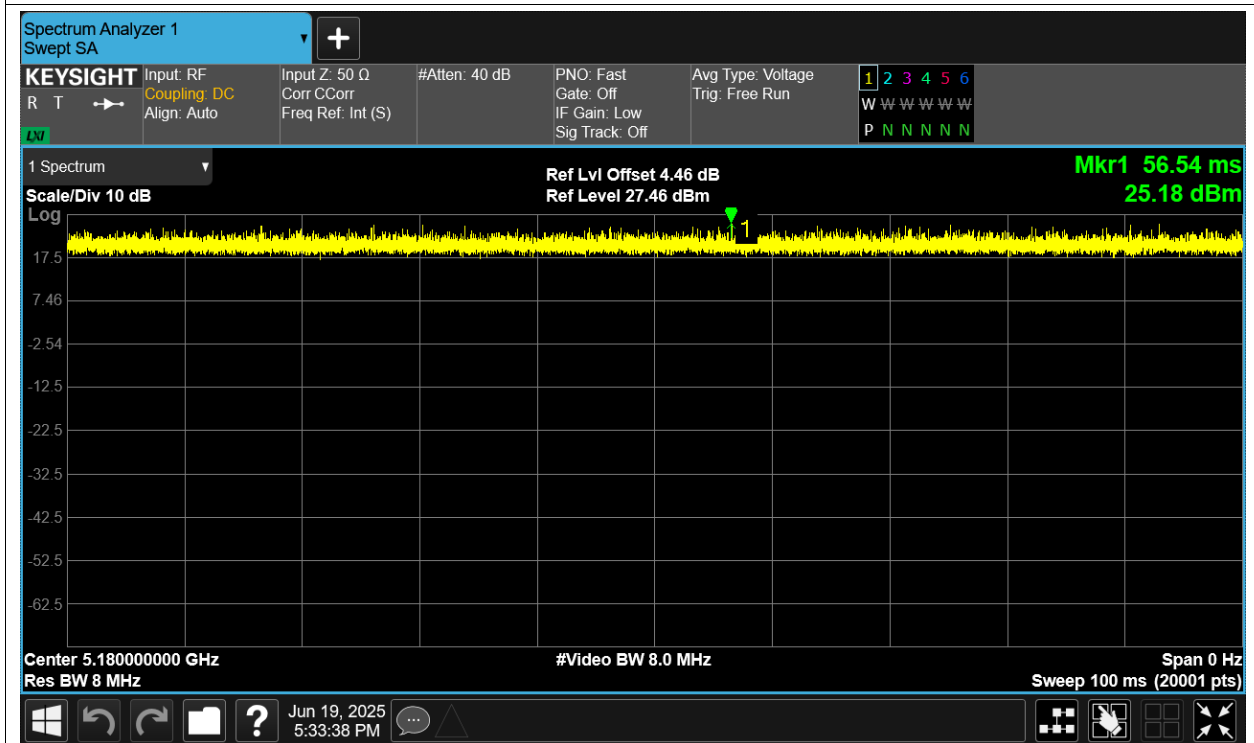
Duty Cycle

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

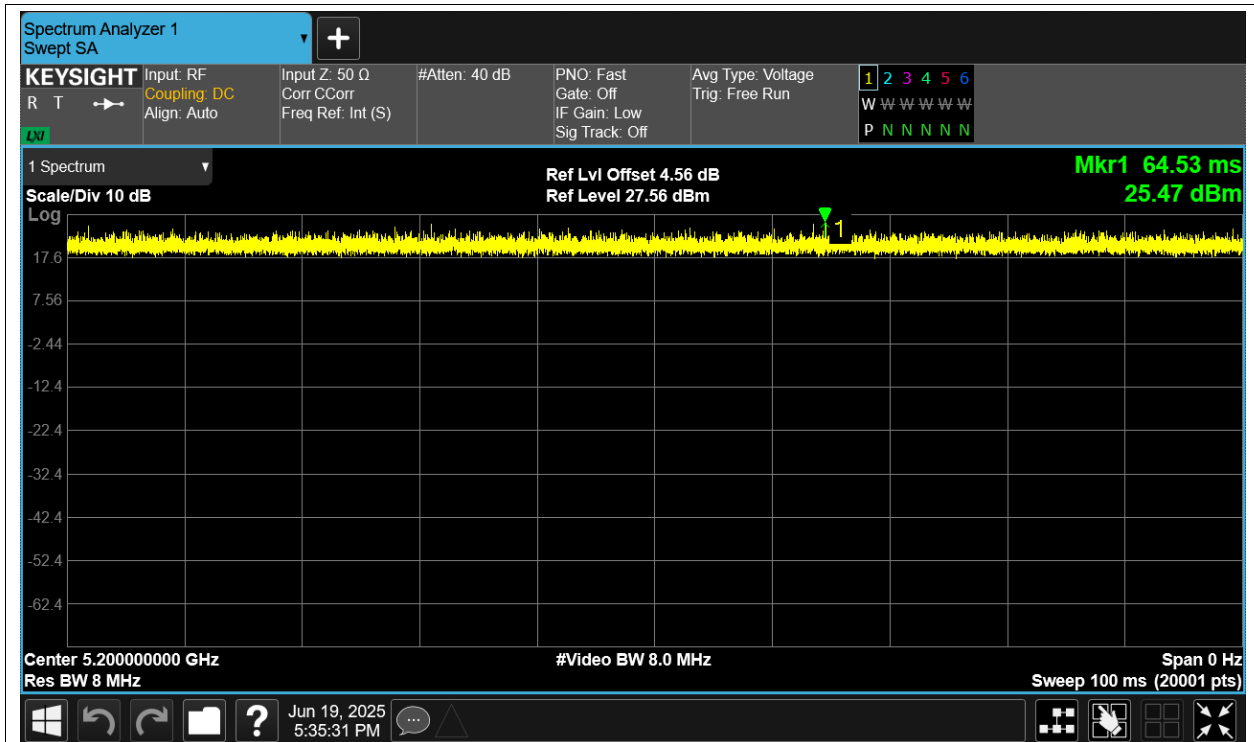




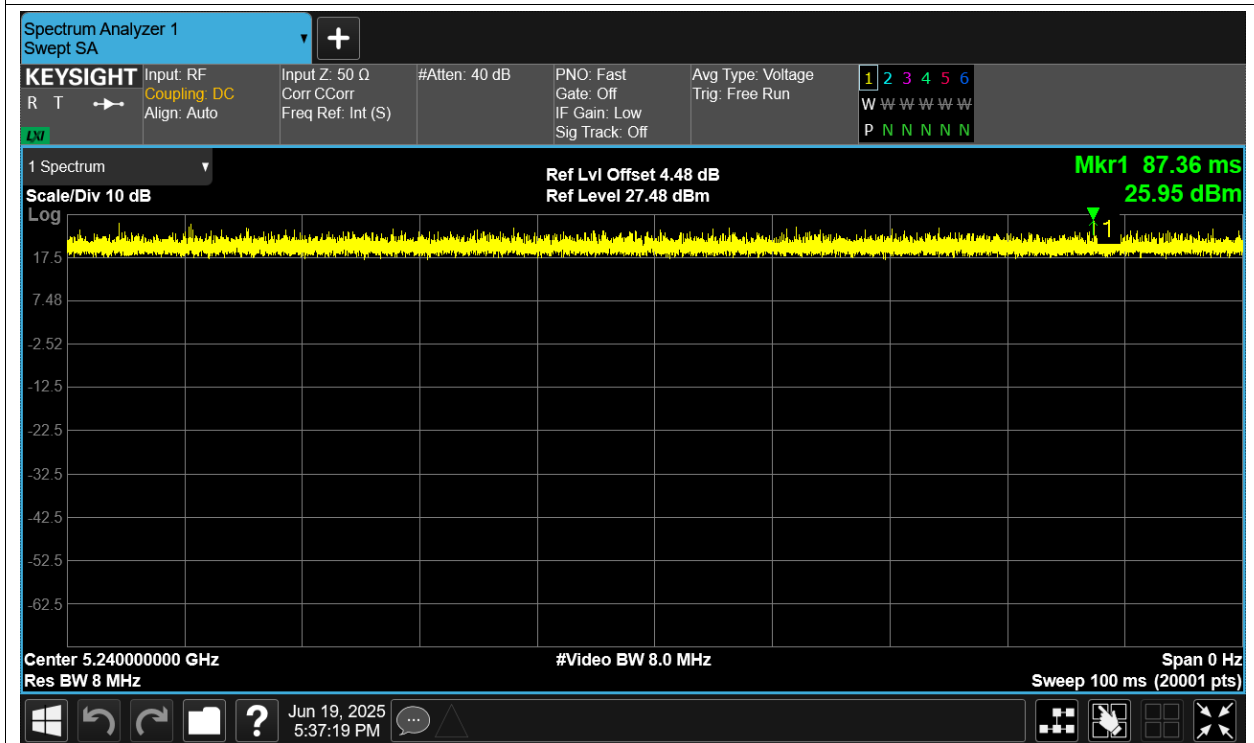
Duty Cycle NVNT ac20 5180MHz Ant1



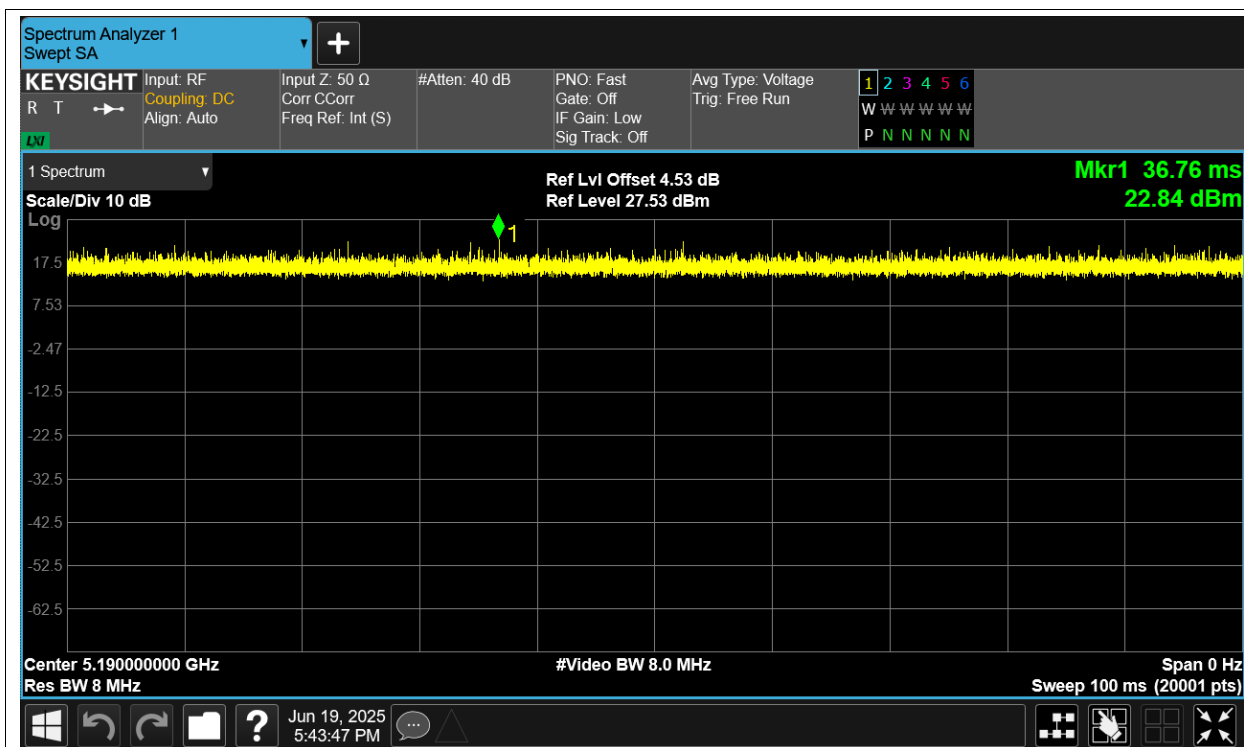
Duty Cycle NVNT ac20 5200MHz Ant1



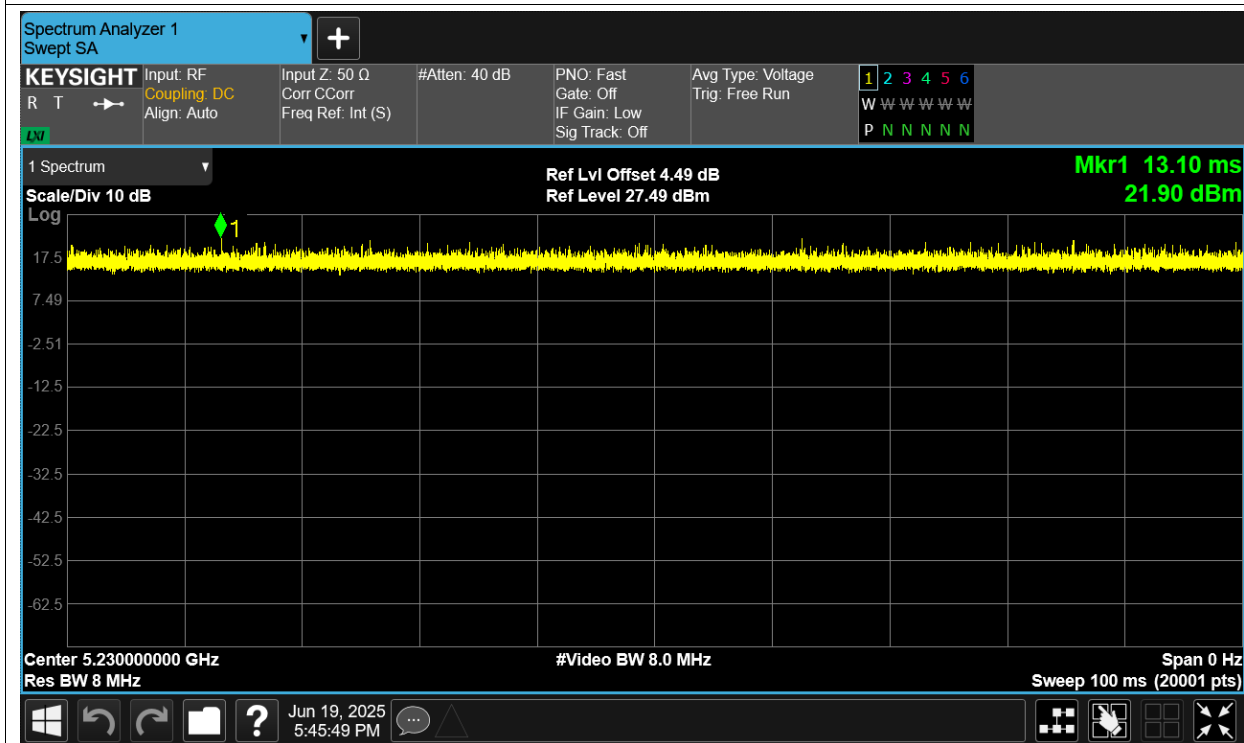
Duty Cycle NVNT ac20 5240MHz Ant1



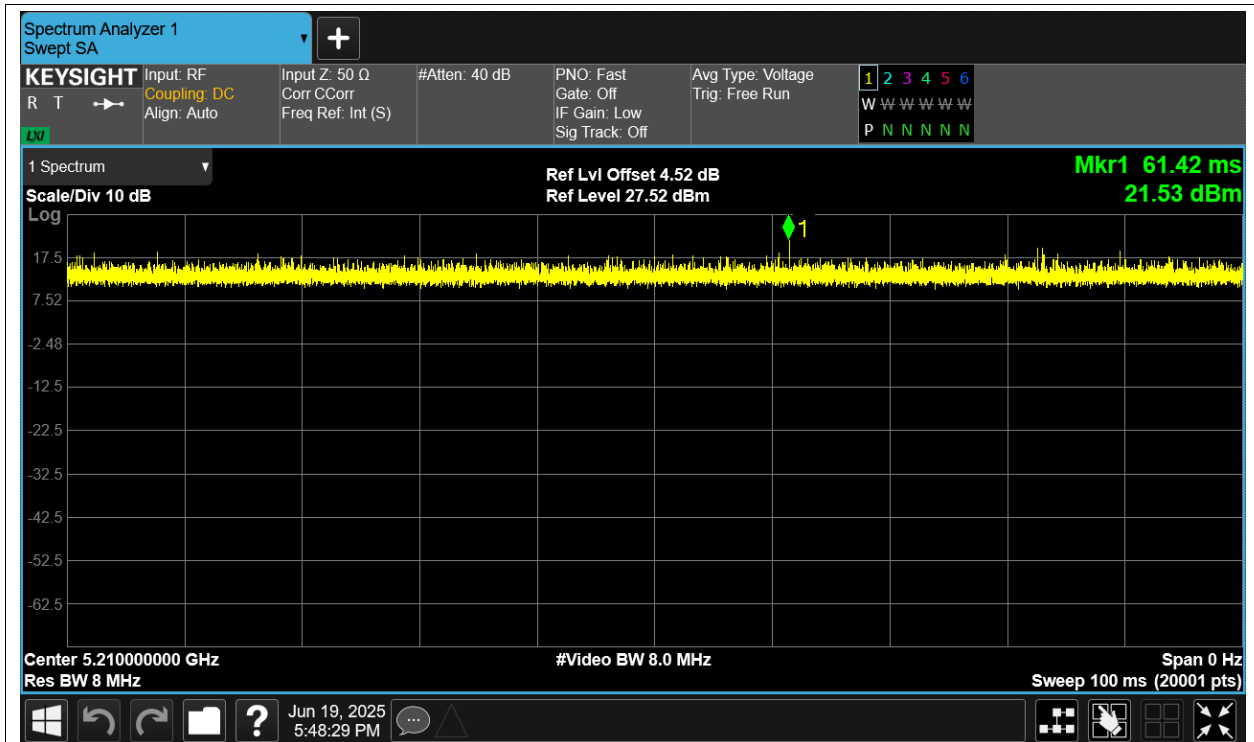
Duty Cycle NVNT ac40 5190MHz Ant1



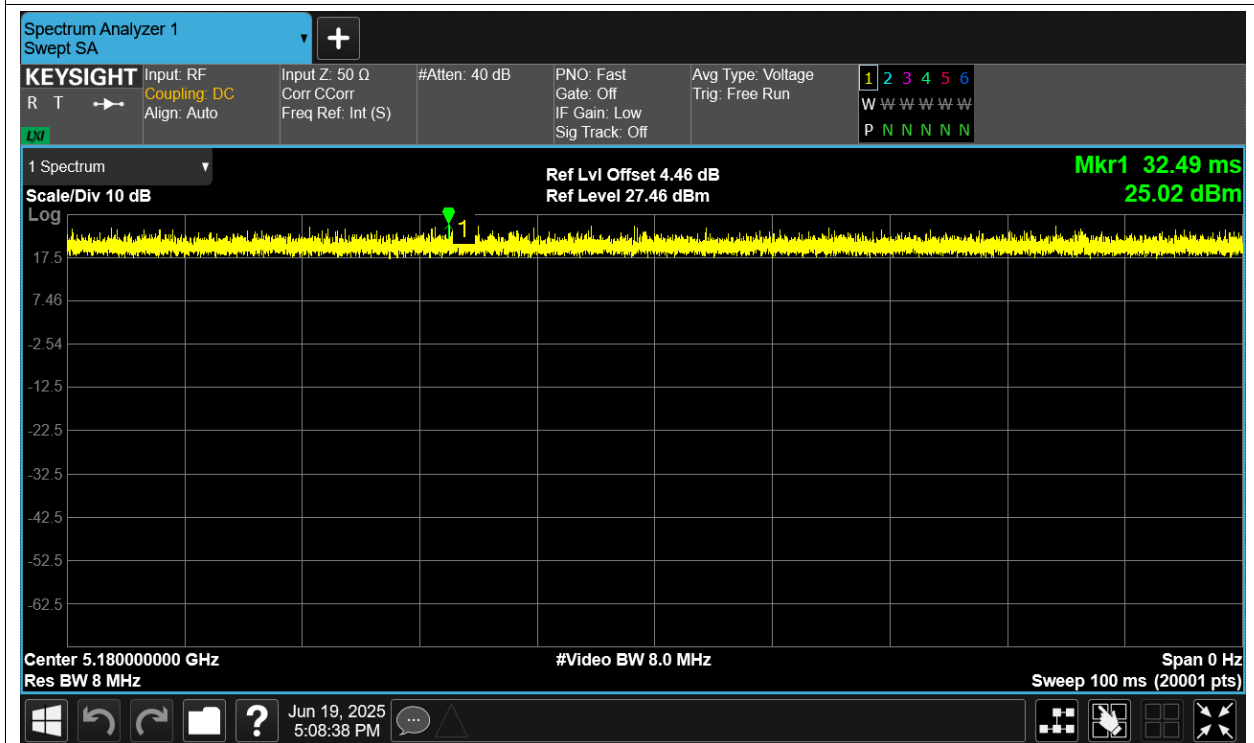
Duty Cycle NVNT ac40 5230MHz Ant1



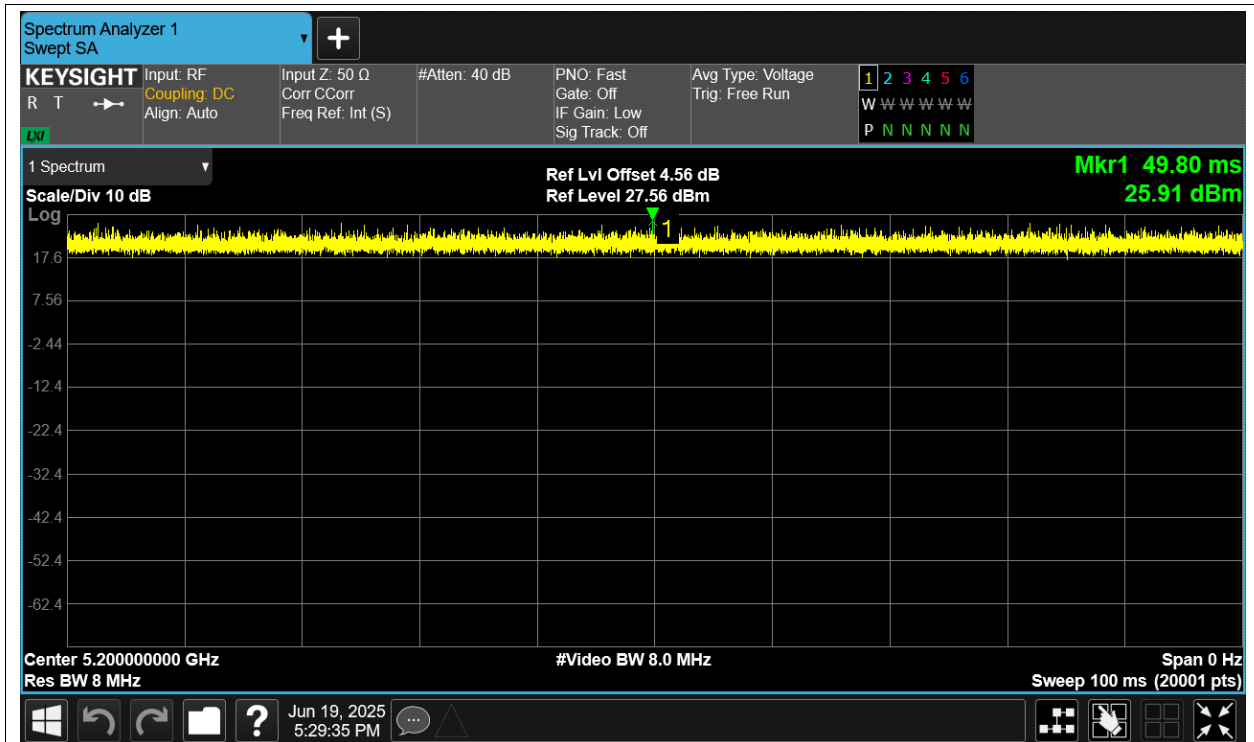
Duty Cycle NVNT ac80 5210MHz Ant1



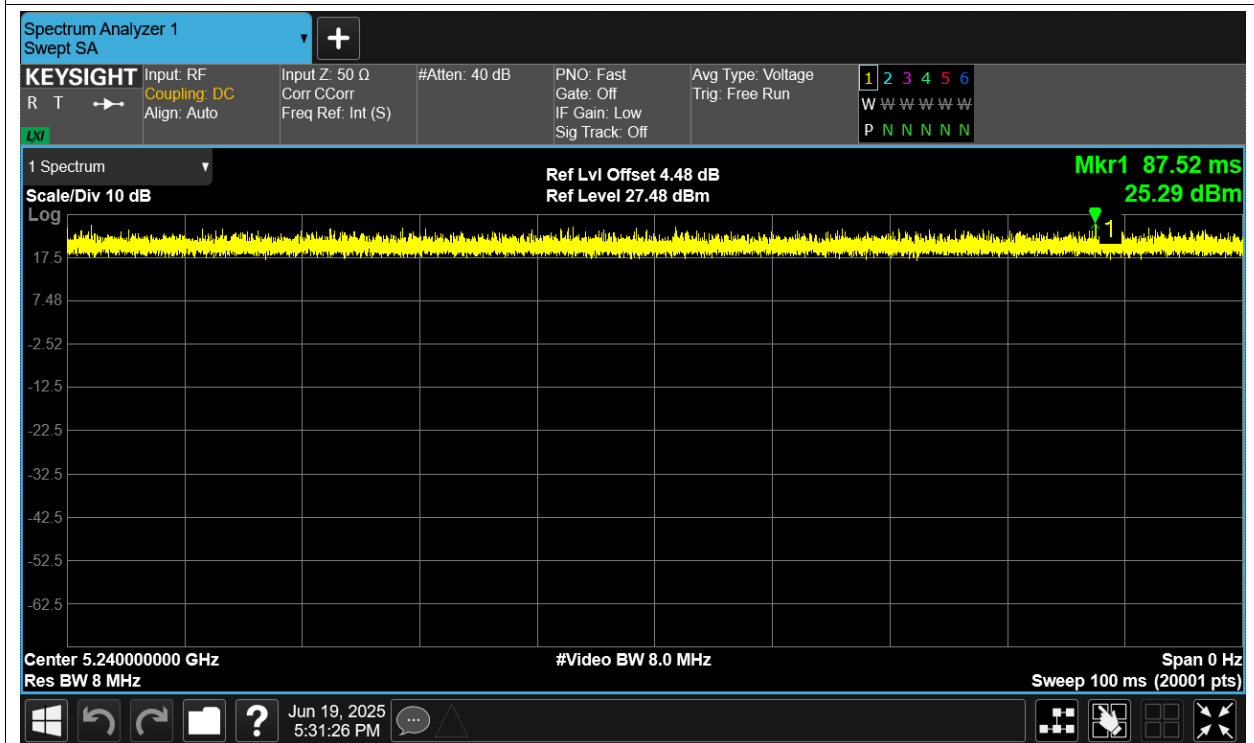
Duty Cycle NVNT n20 5180MHz Ant1



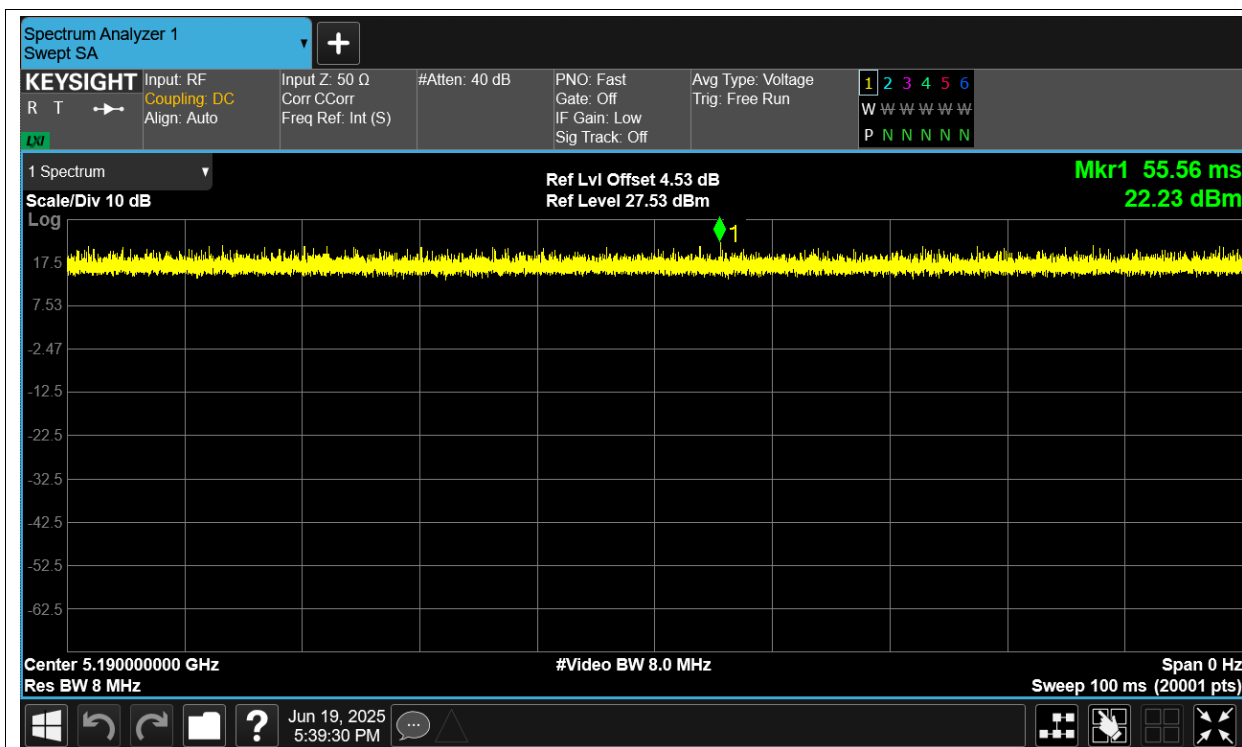
Duty Cycle NVNT n20 5200MHz Ant1



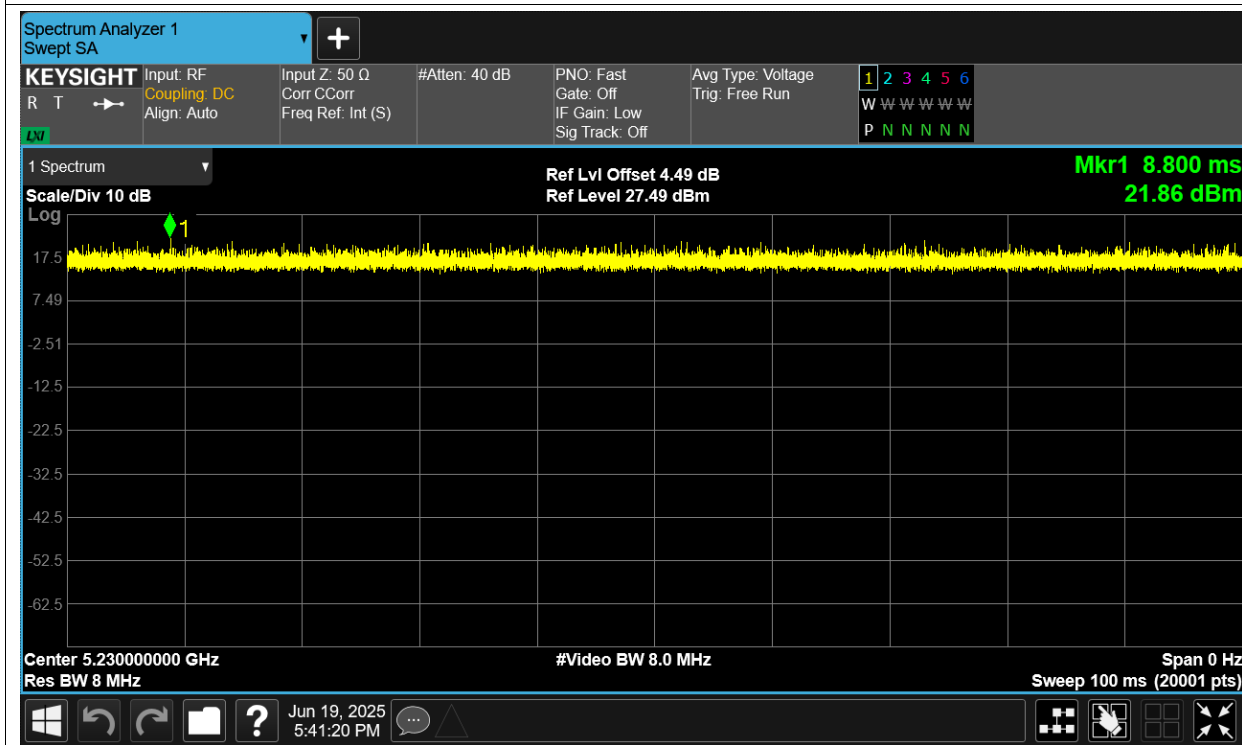
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1

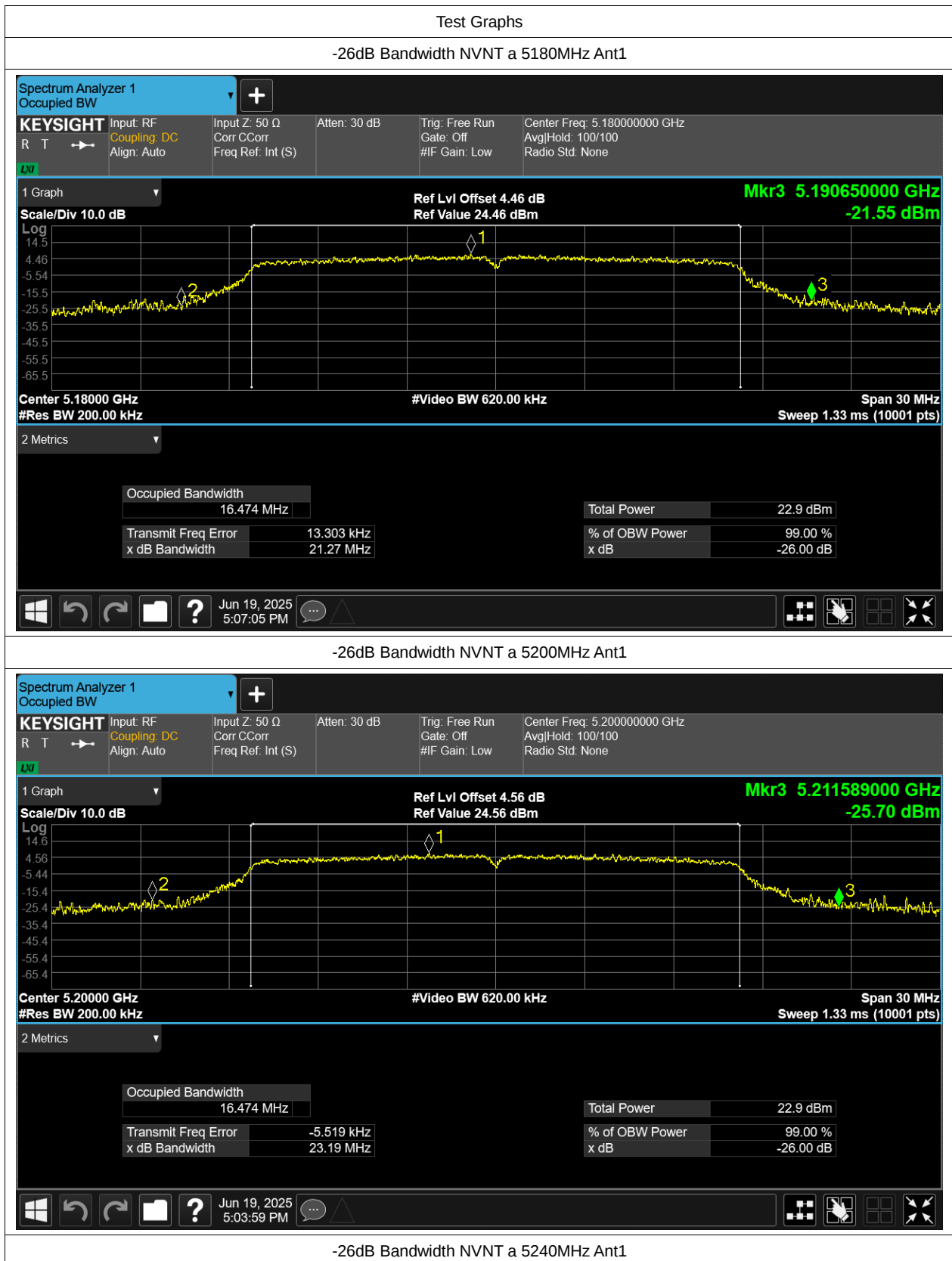


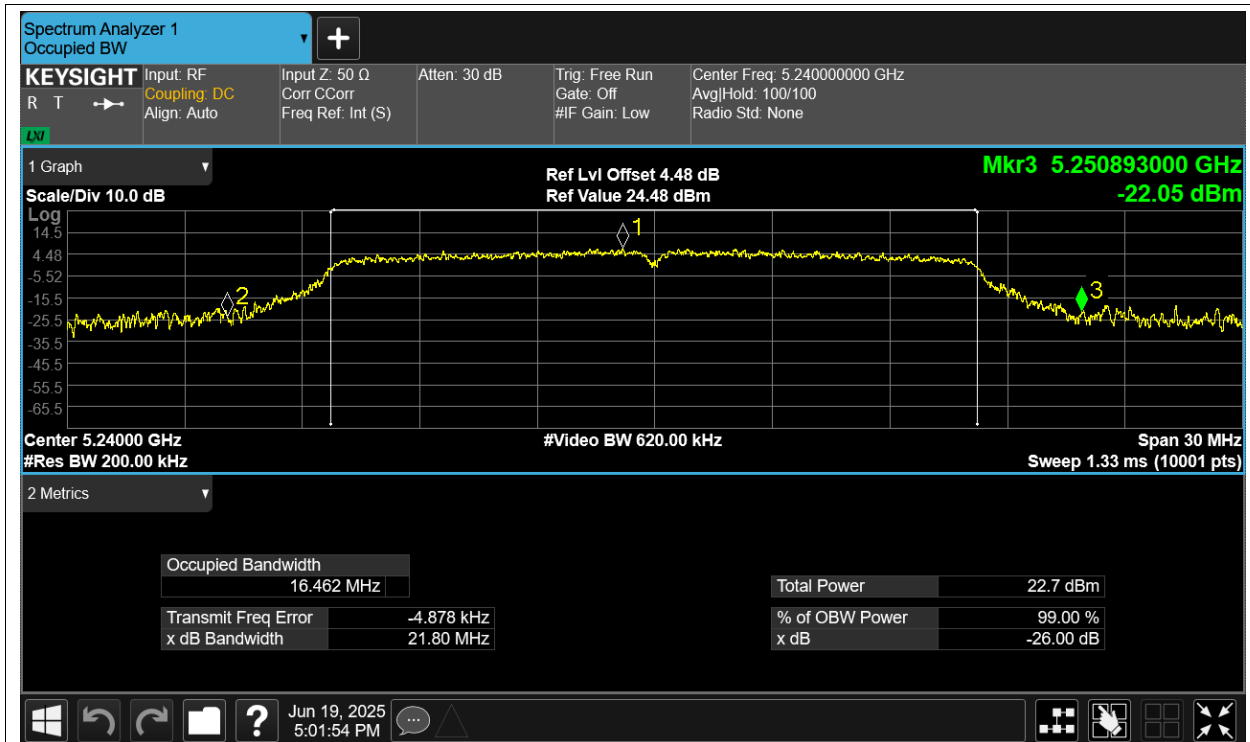
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	16.99	0	16.99	24	Pass
NVNT	a	5200	Ant1	17.48	0	17.48	24	Pass
NVNT	a	5240	Ant1	16.94	0	16.94	24	Pass
NVNT	ac20	5180	Ant1	16.07	0	16.07	24	Pass
NVNT	ac20	5200	Ant1	16.64	0	16.64	24	Pass
NVNT	ac20	5240	Ant1	15.98	0	15.98	24	Pass
NVNT	ac40	5190	Ant1	15.3	0	15.3	23	Pass
NVNT	ac40	5230	Ant1	15.28	0	15.28	24	Pass
NVNT	ac80	5210	Ant1	15.3	0	15.3	24	Pass
NVNT	n20	5180	Ant1	15.9	0	15.9	24	Pass
NVNT	n20	5200	Ant1	16.77	0	16.77	24	Pass
NVNT	n20	5240	Ant1	16	0	16	24	Pass
NVNT	n40	5190	Ant1	15.49	0	15.49	24	Pass
NVNT	n40	5230	Ant1	15.37	0	15.37	24	Pass

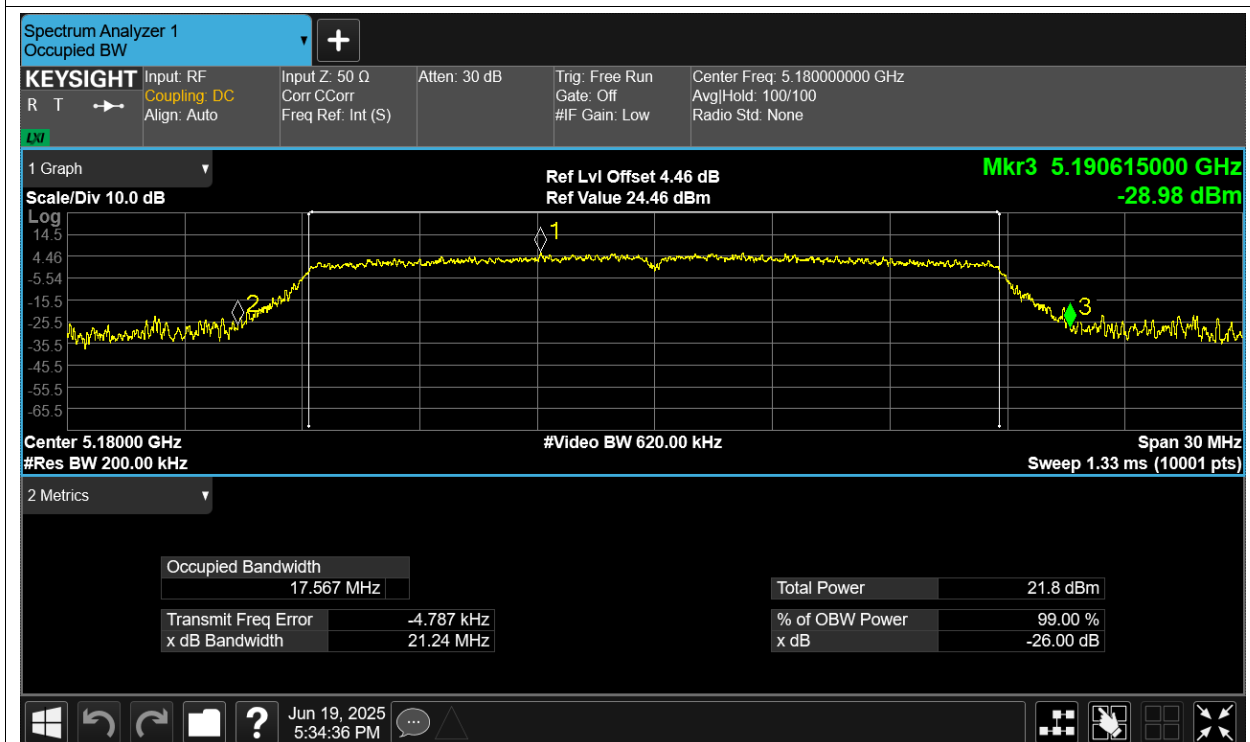
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	21.273
NVNT	a	5200	Ant1	23.189
NVNT	a	5240	Ant1	21.796
NVNT	ac20	5180	Ant1	21.24
NVNT	ac20	5200	Ant1	21.414
NVNT	ac20	5240	Ant1	20.06
NVNT	ac40	5190	Ant1	40.545
NVNT	ac40	5230	Ant1	40.302
NVNT	ac80	5210	Ant1	80.815
NVNT	n20	5180	Ant1	20.541
NVNT	n20	5200	Ant1	20.039
NVNT	n20	5240	Ant1	21.079
NVNT	n40	5190	Ant1	40.398
NVNT	n40	5230	Ant1	40.061

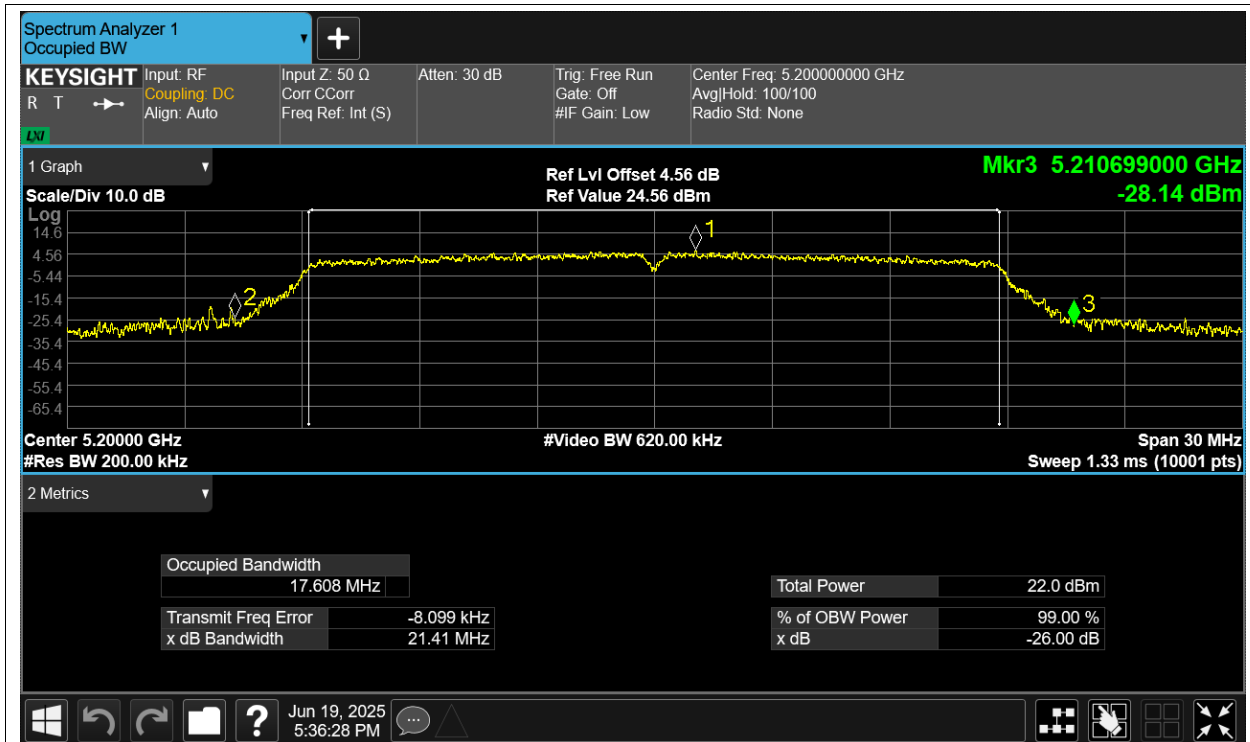




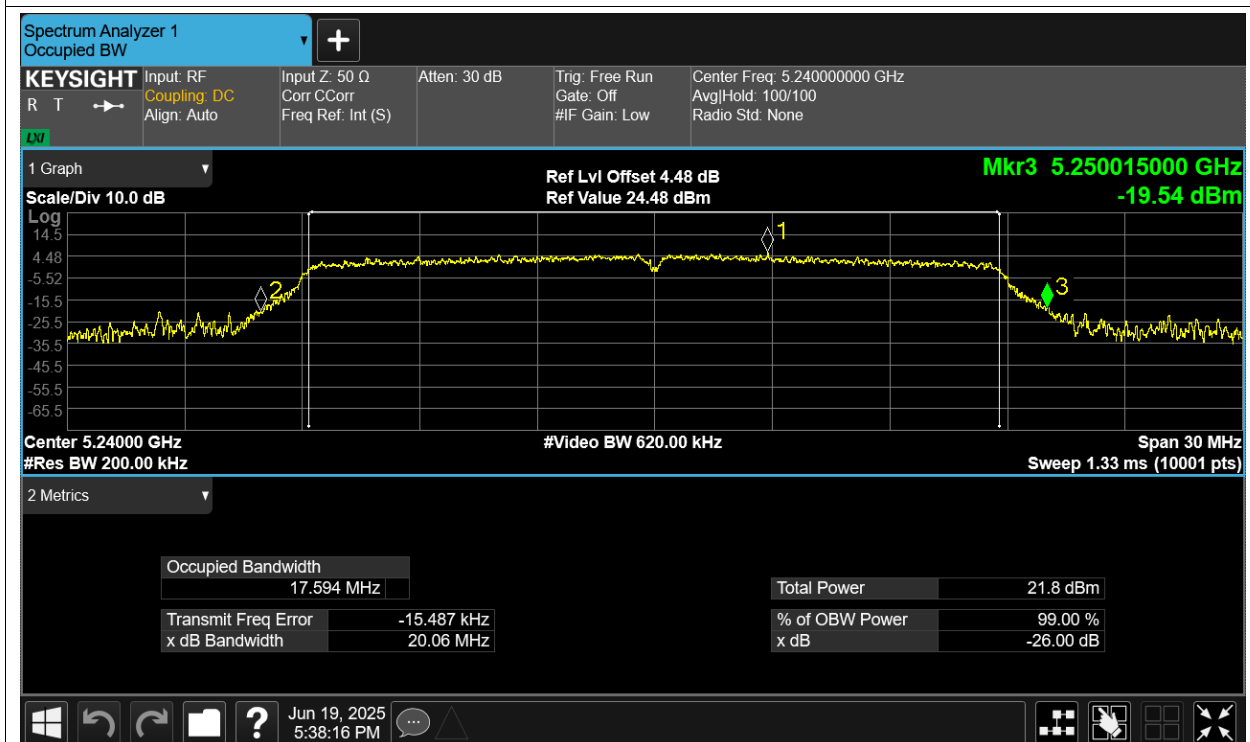
-26dB Bandwidth NVNT ac20 5180MHz Ant1



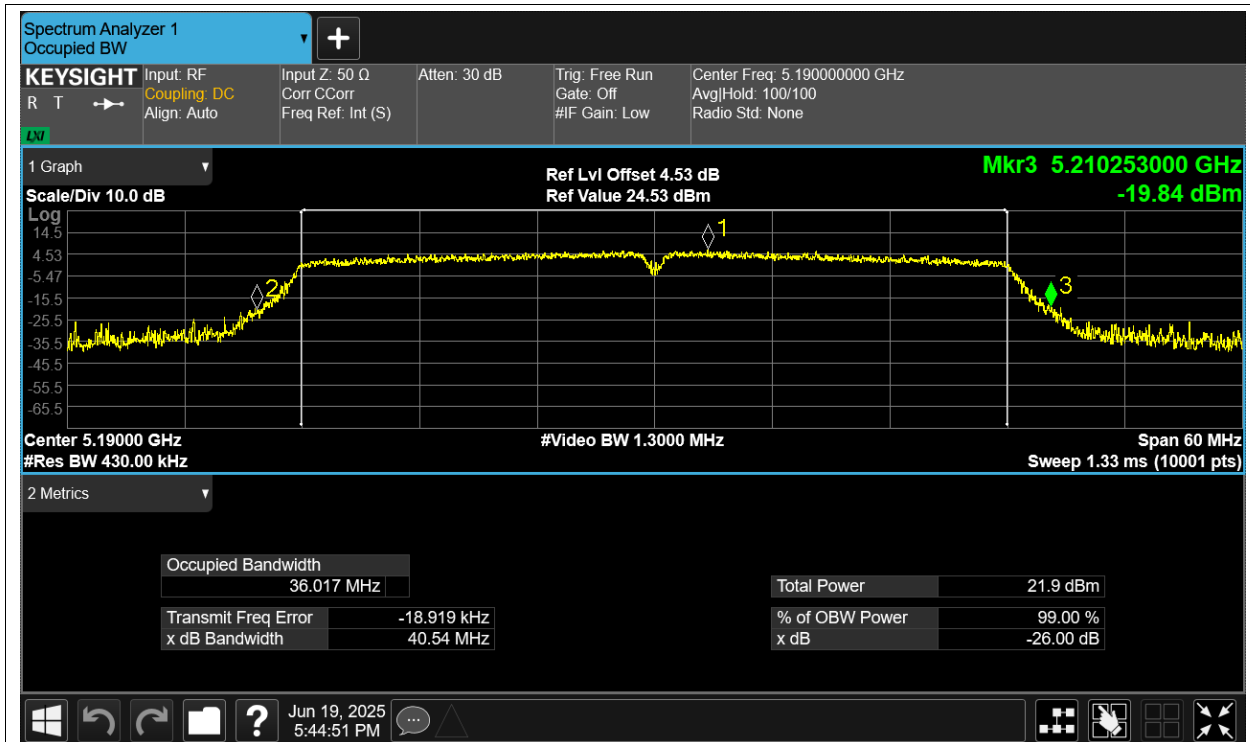
-26dB Bandwidth NVNT ac20 5200MHz Ant1



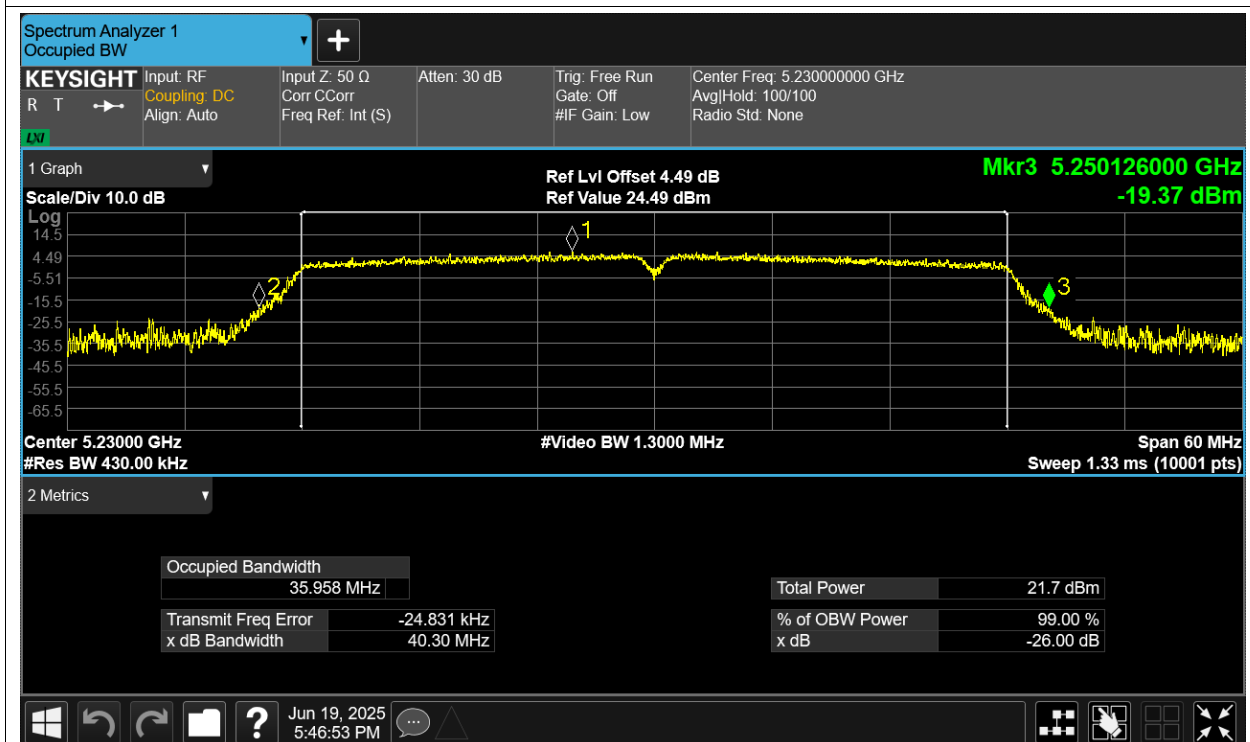
-26dB Bandwidth NVNT ac20 5240MHz Ant1



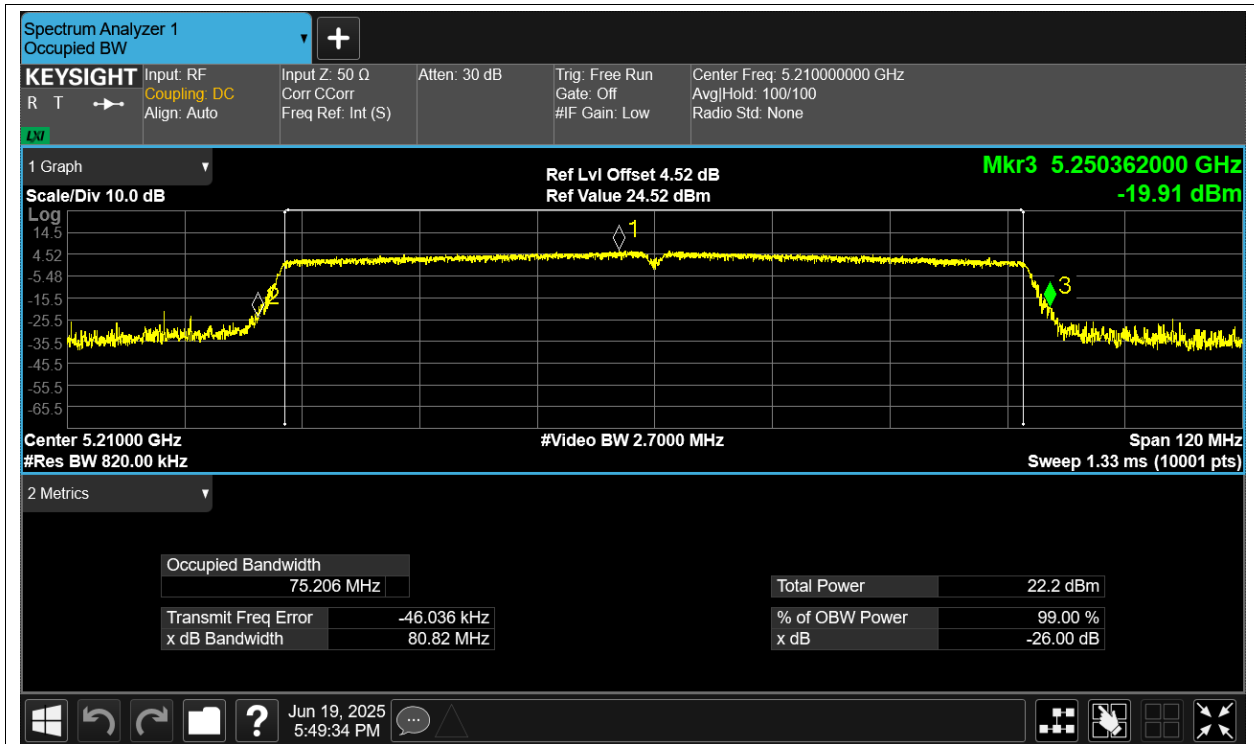
-26dB Bandwidth NVNT ac40 5190MHz Ant1



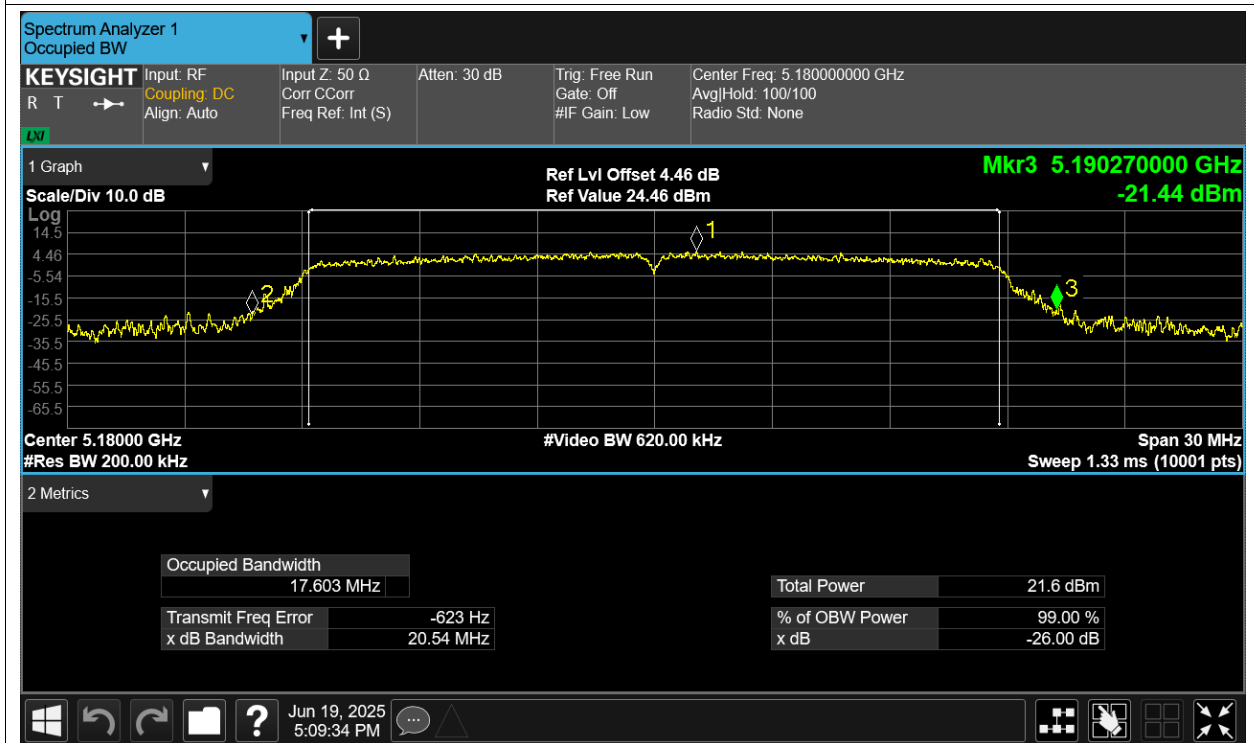
-26dB Bandwidth NVNT ac40 5230MHz Ant1



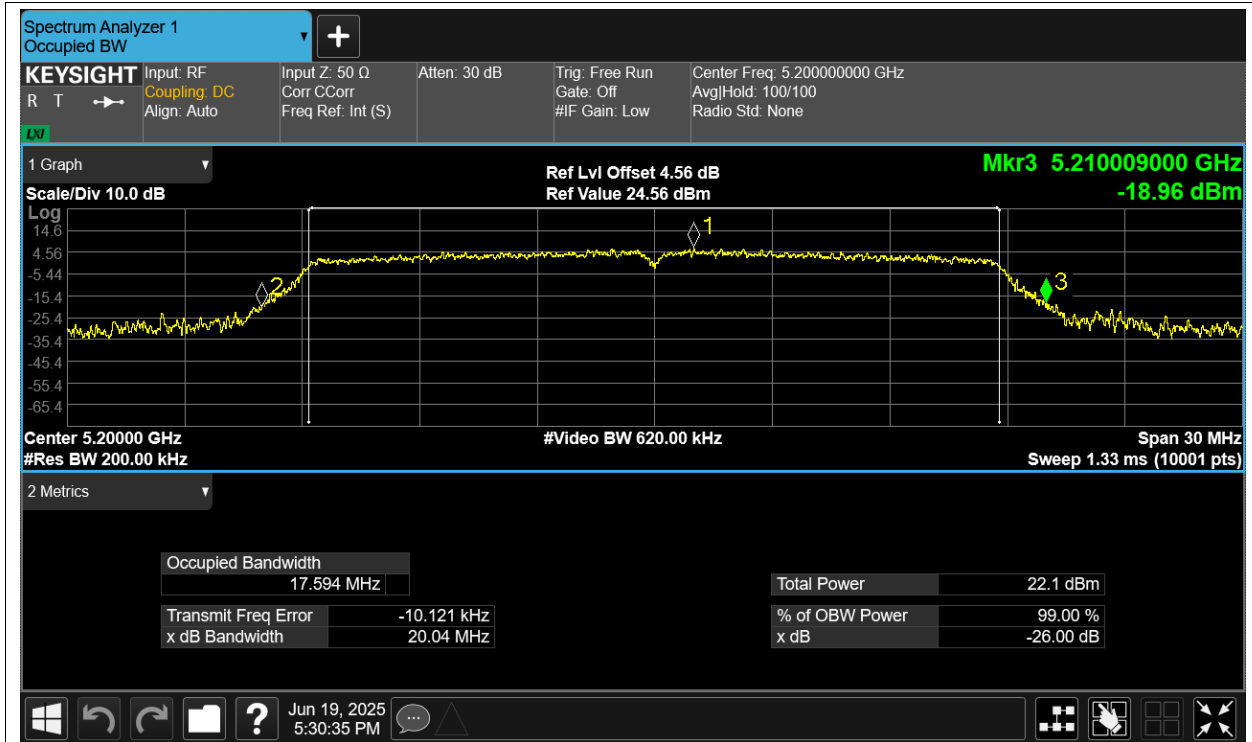
-26dB Bandwidth NVNT ac80 5210MHz Ant1



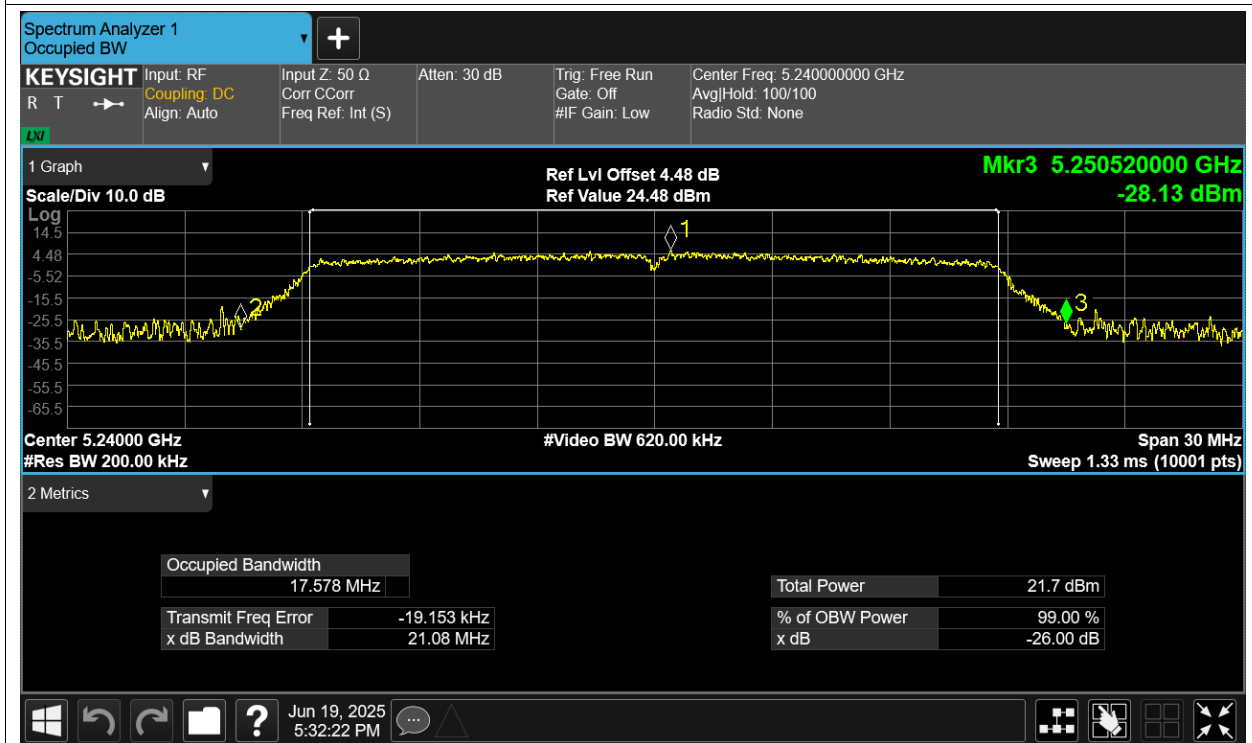
-26dB Bandwidth NVNT n20 5180MHz Ant1



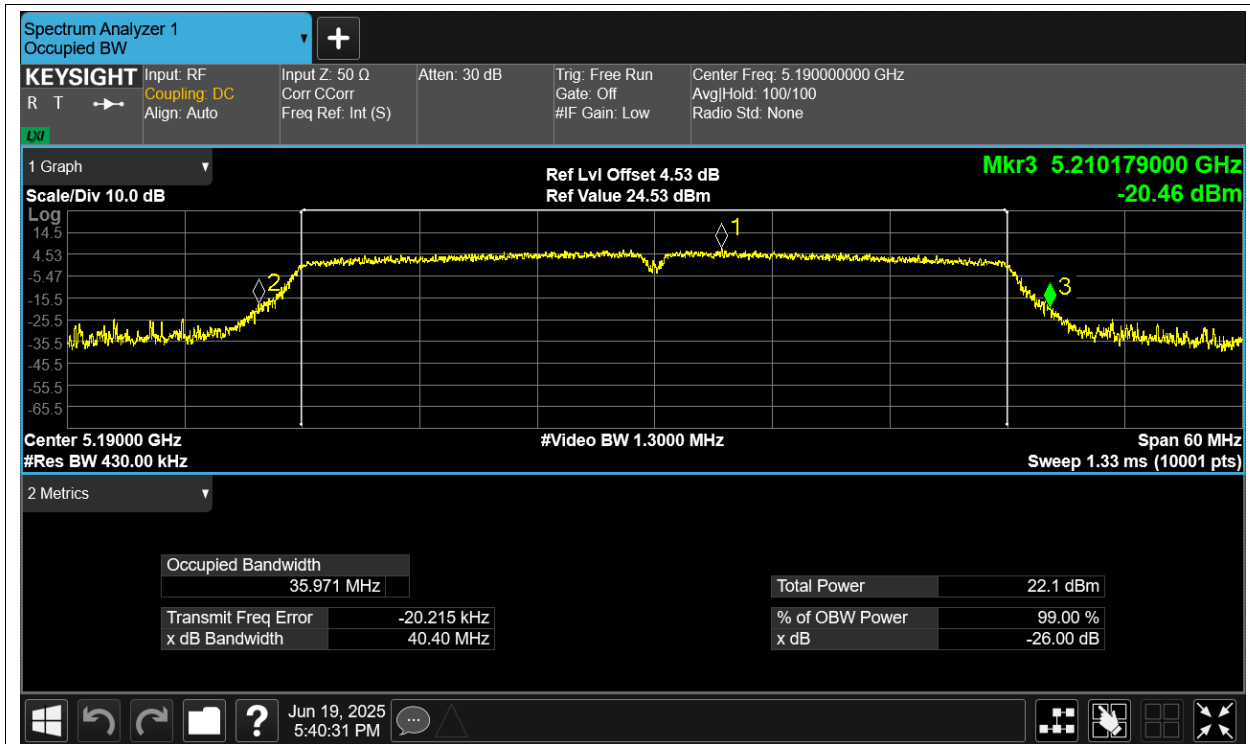
-26dB Bandwidth NVNT n20 5200MHz Ant1



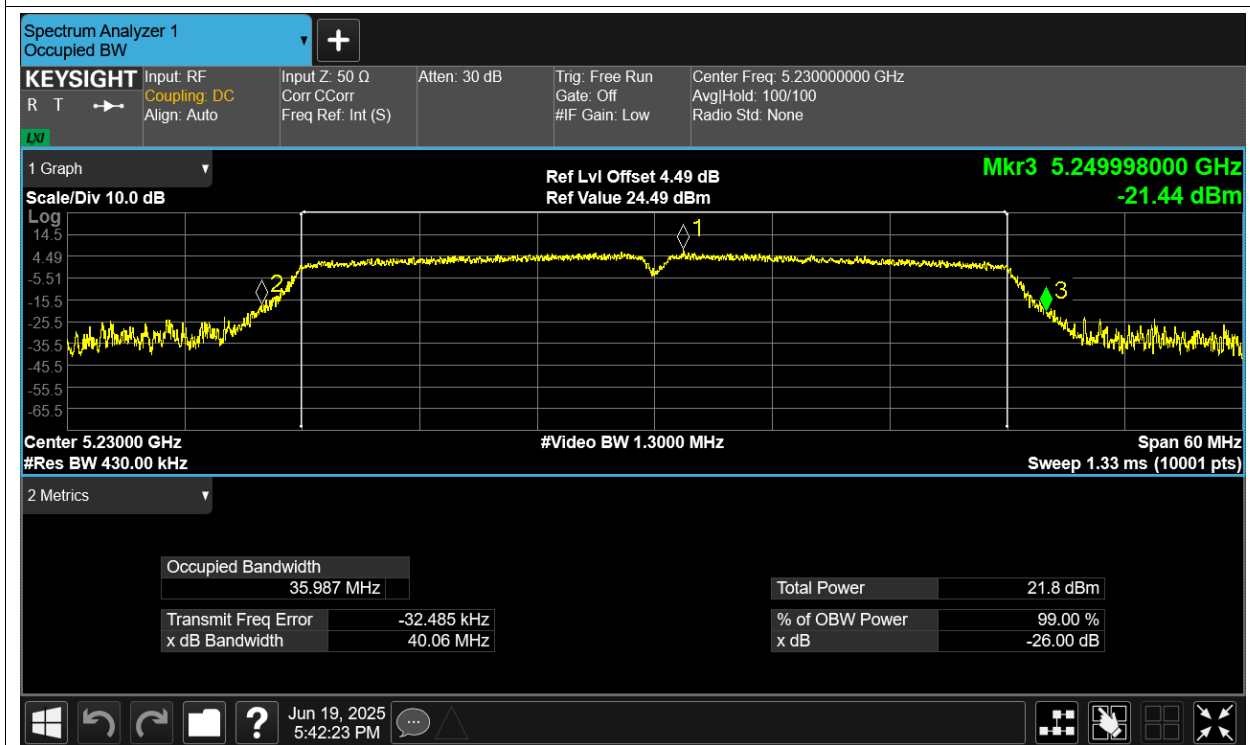
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



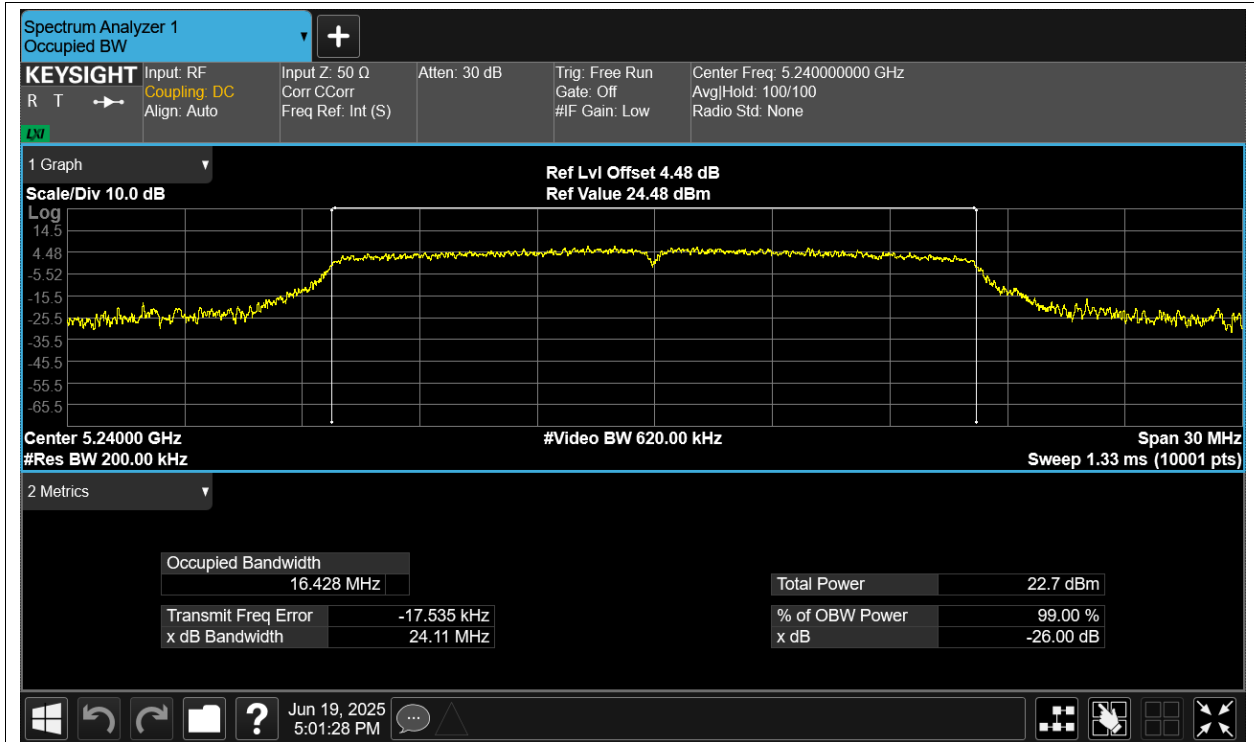
-26dB Bandwidth NVNT n40 5230MHz Ant1



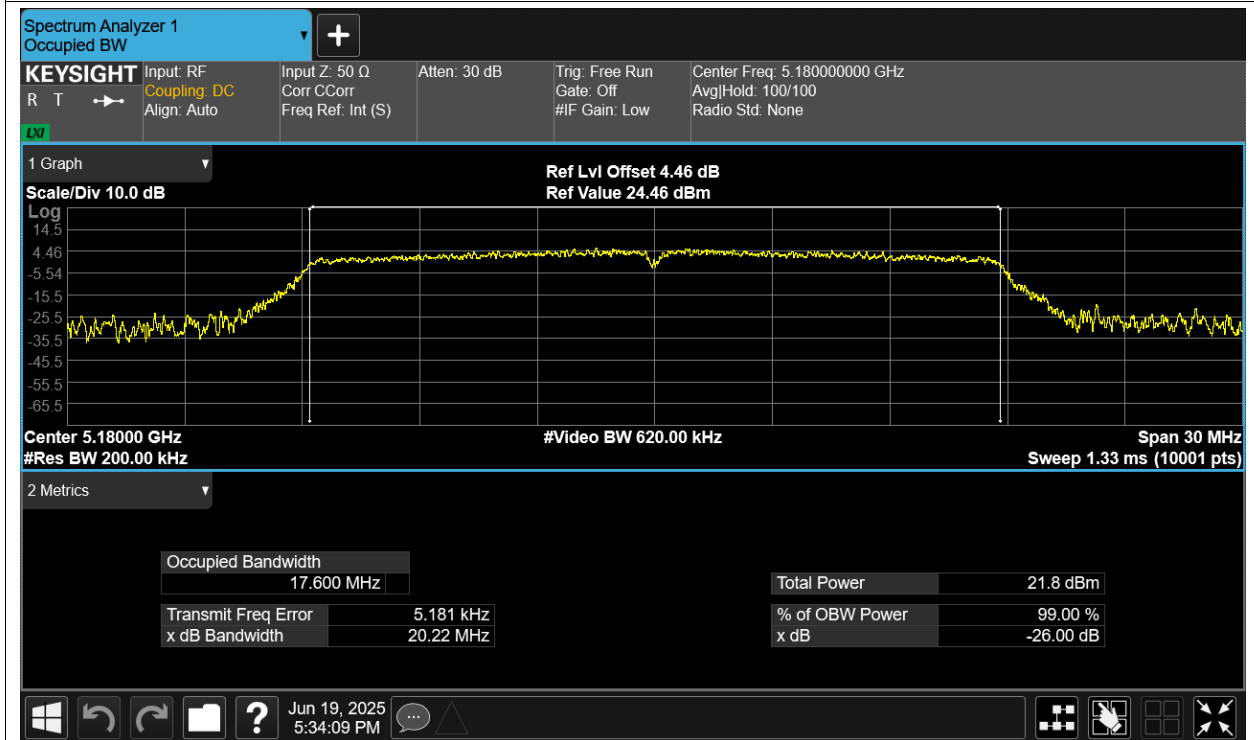
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.471
NVNT	a	5200	Ant1	16.455
NVNT	a	5240	Ant1	16.428
NVNT	ac20	5180	Ant1	17.6
NVNT	ac20	5200	Ant1	17.595
NVNT	ac20	5240	Ant1	17.589
NVNT	ac40	5190	Ant1	35.957
NVNT	ac40	5230	Ant1	35.913
NVNT	ac80	5210	Ant1	75.239
NVNT	n20	5180	Ant1	17.619
NVNT	n20	5200	Ant1	17.587
NVNT	n20	5240	Ant1	17.575
NVNT	n40	5190	Ant1	36.006
NVNT	n40	5230	Ant1	35.993

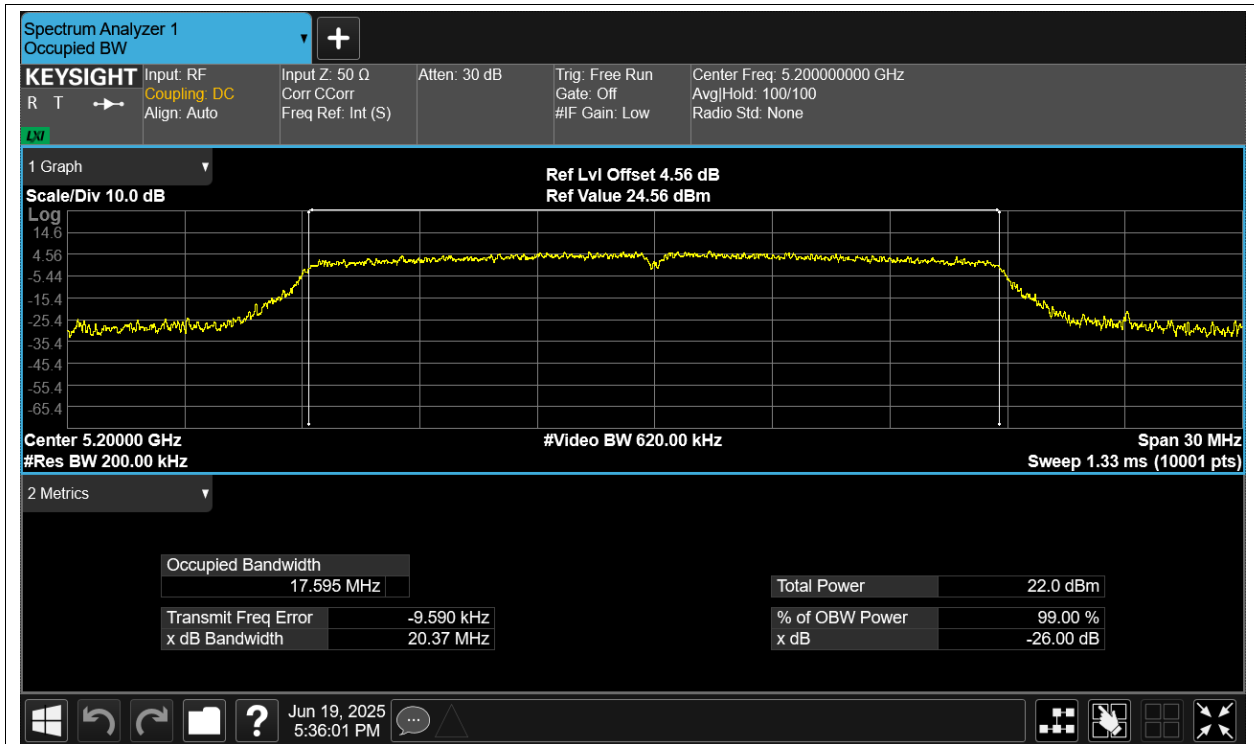




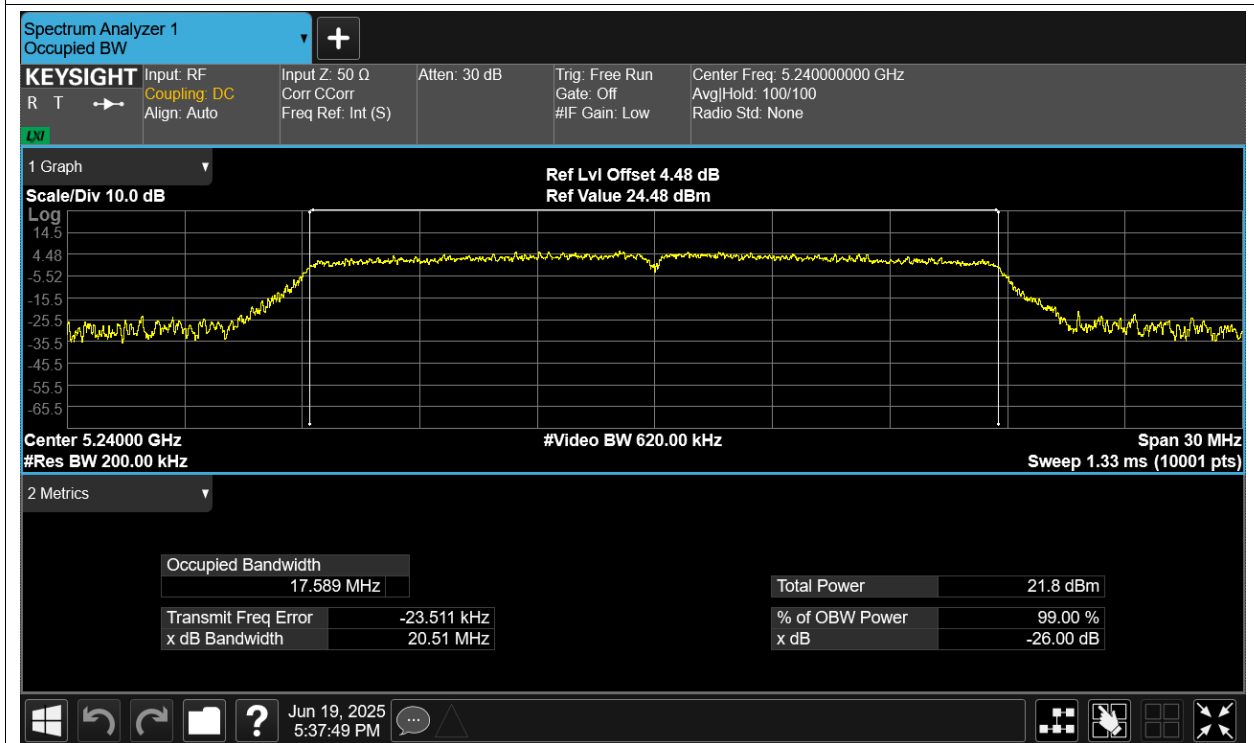
OBW NVNT ac20 5180MHz Ant1



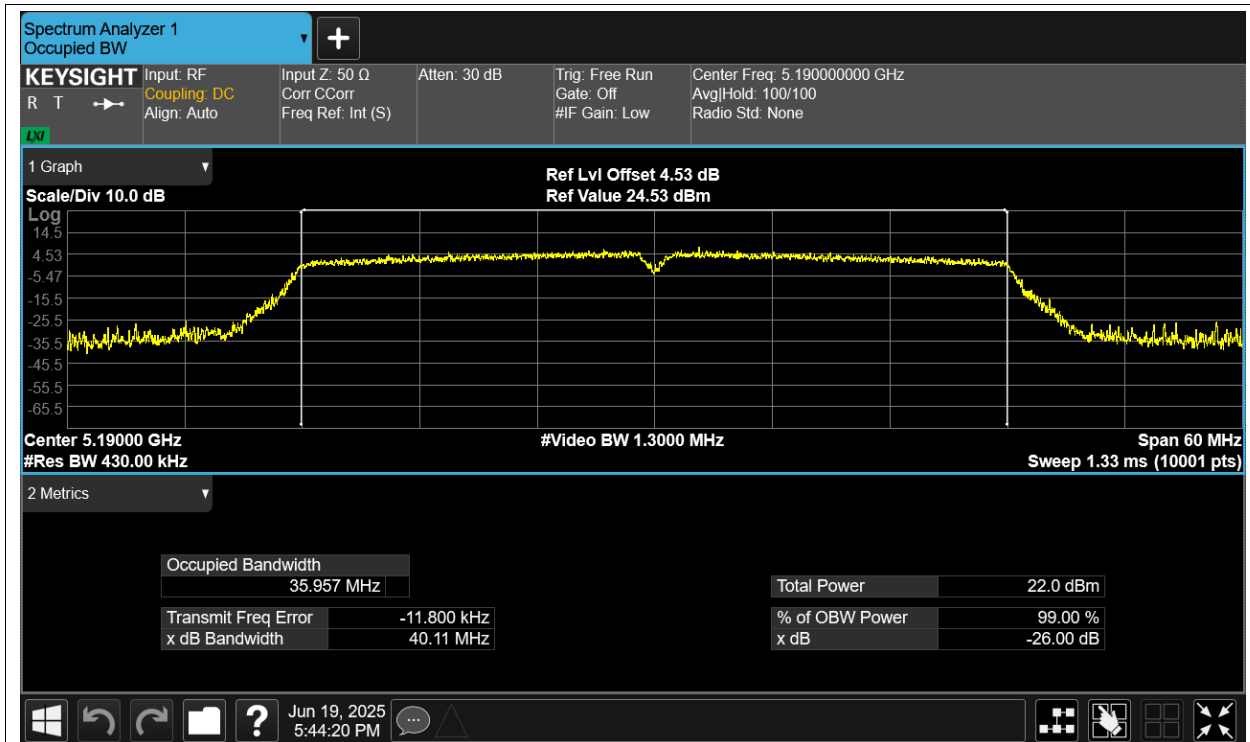
OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5240MHz Ant1



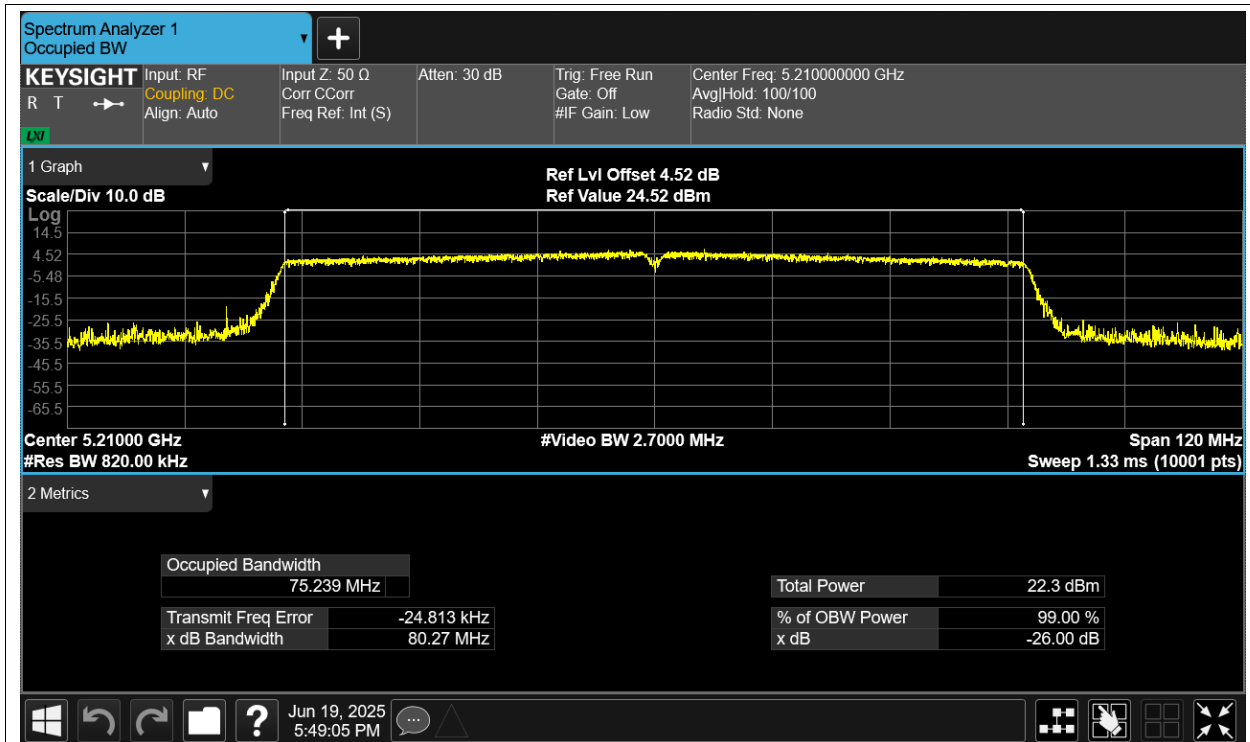
OBW NVNT ac40 5190MHz Ant1



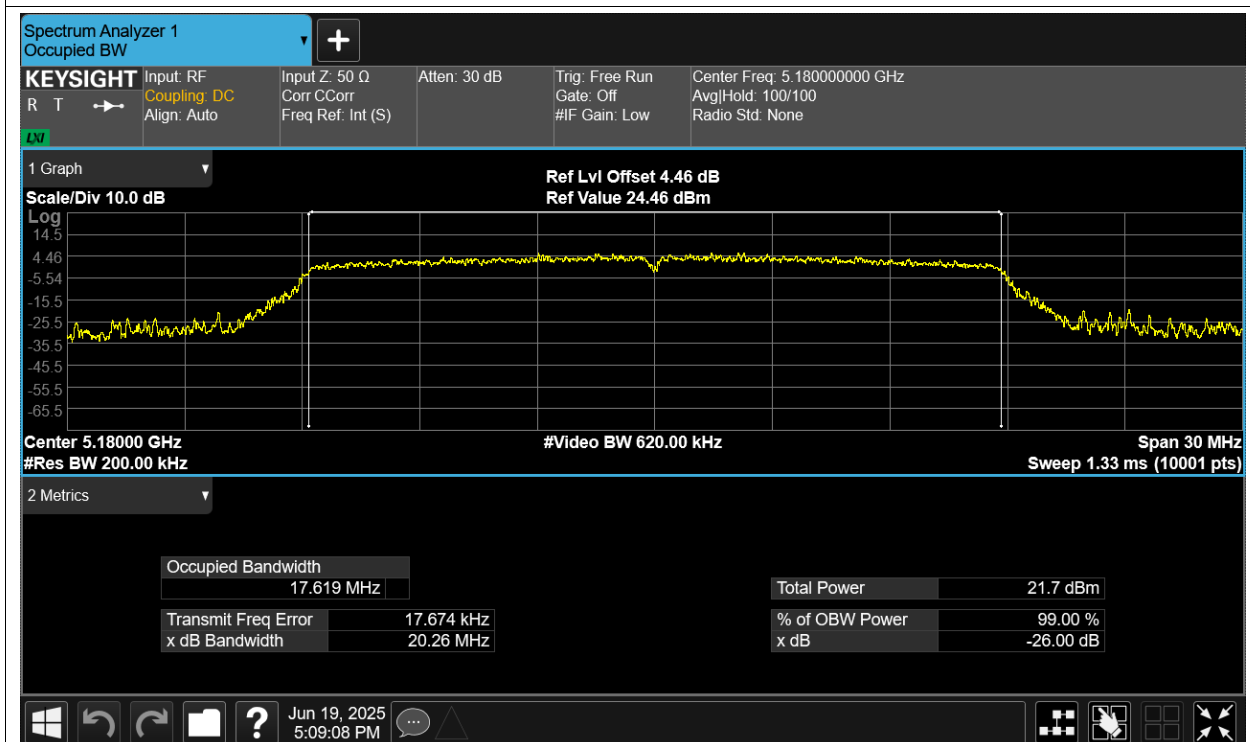
OBW NVNT ac40 5230MHz Ant1



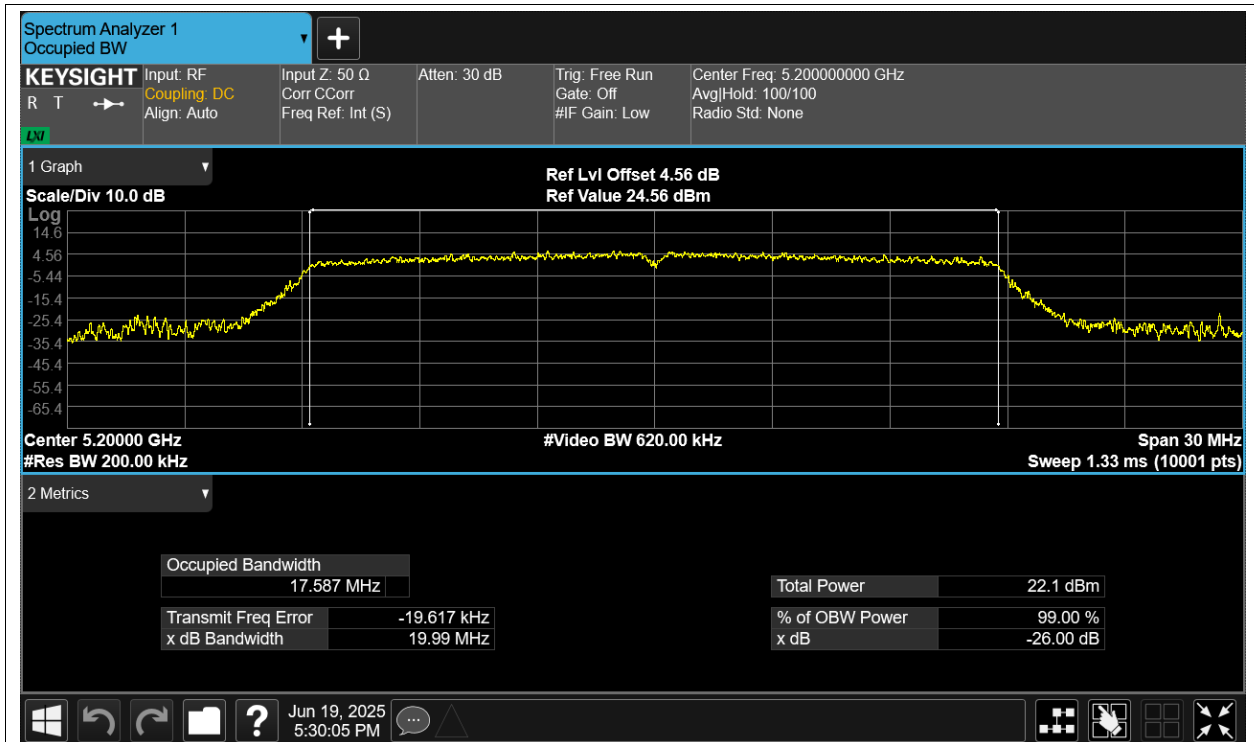
OBW NVNT ac80 5210MHz Ant1



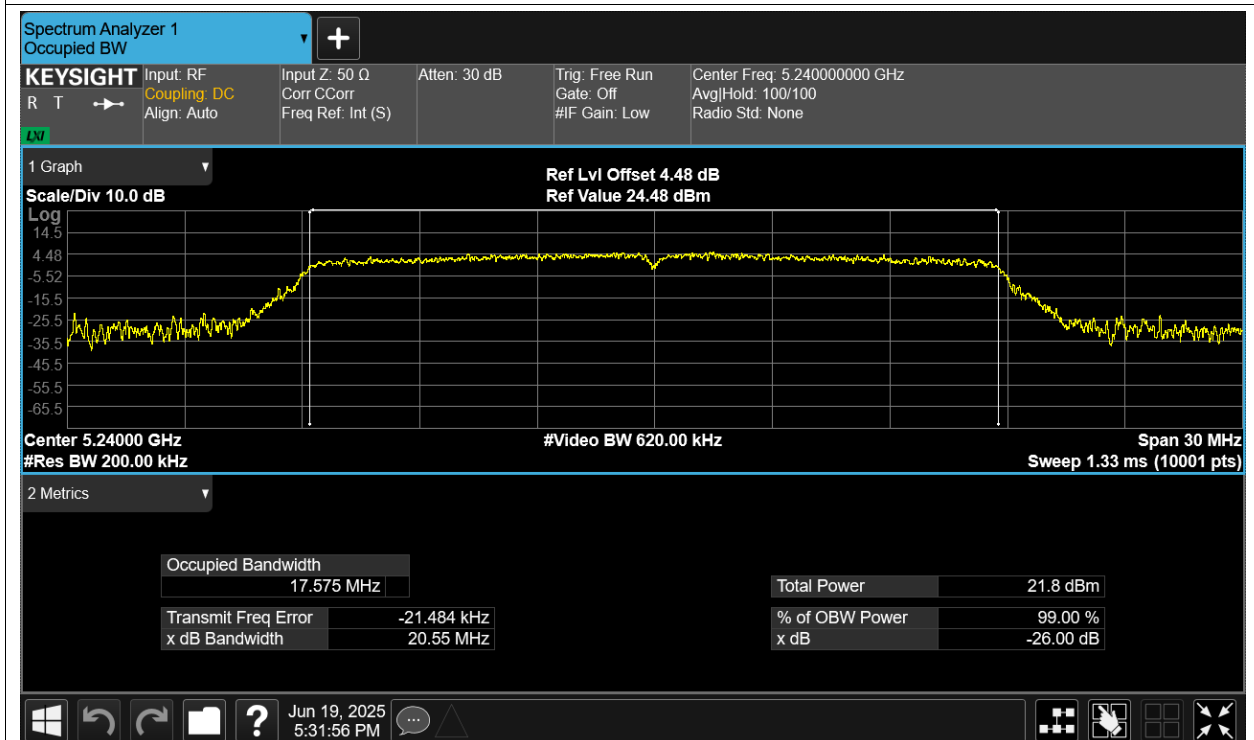
OBW NVNT n20 5180MHz Ant1



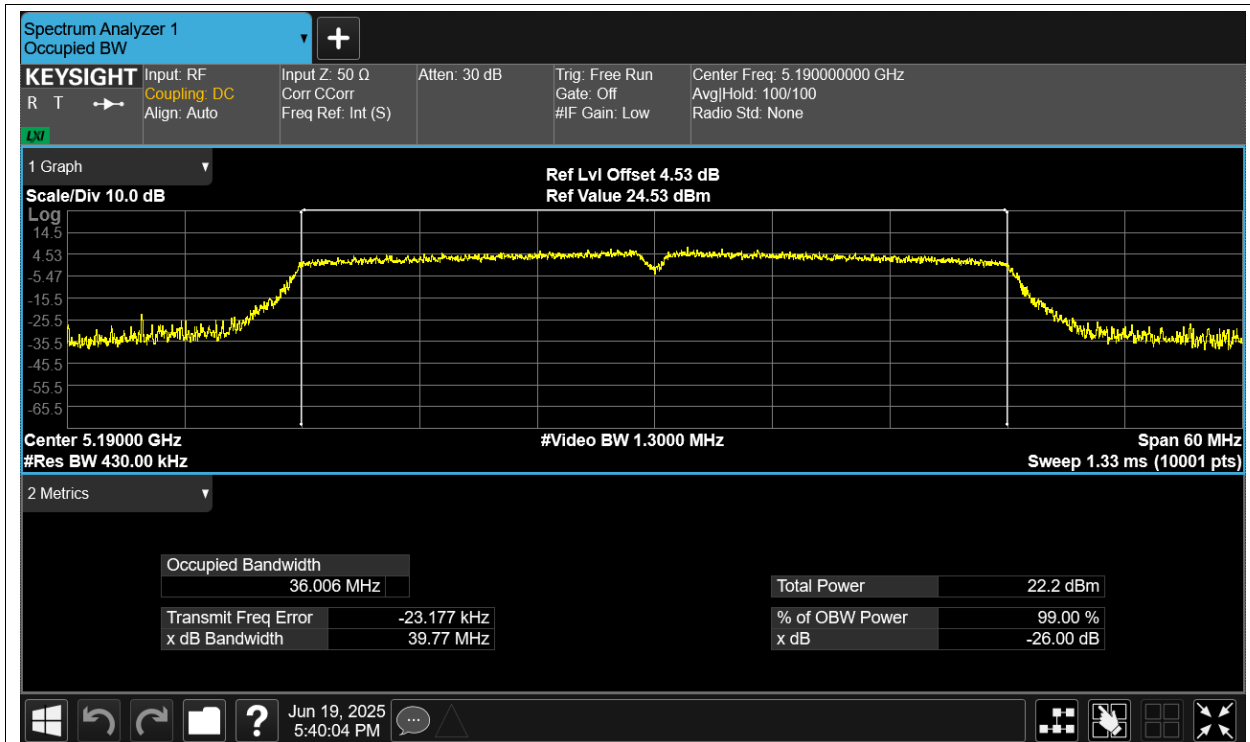
OBW NVNT n20 5200MHz Ant1



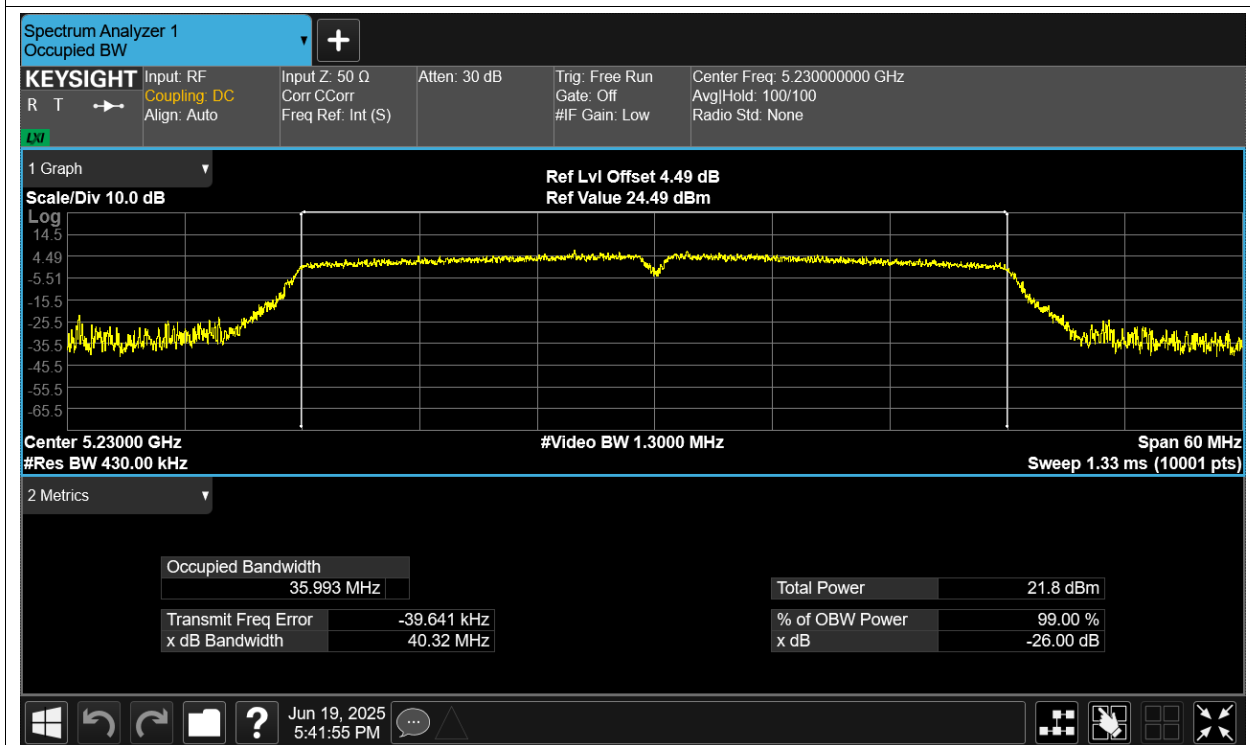
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

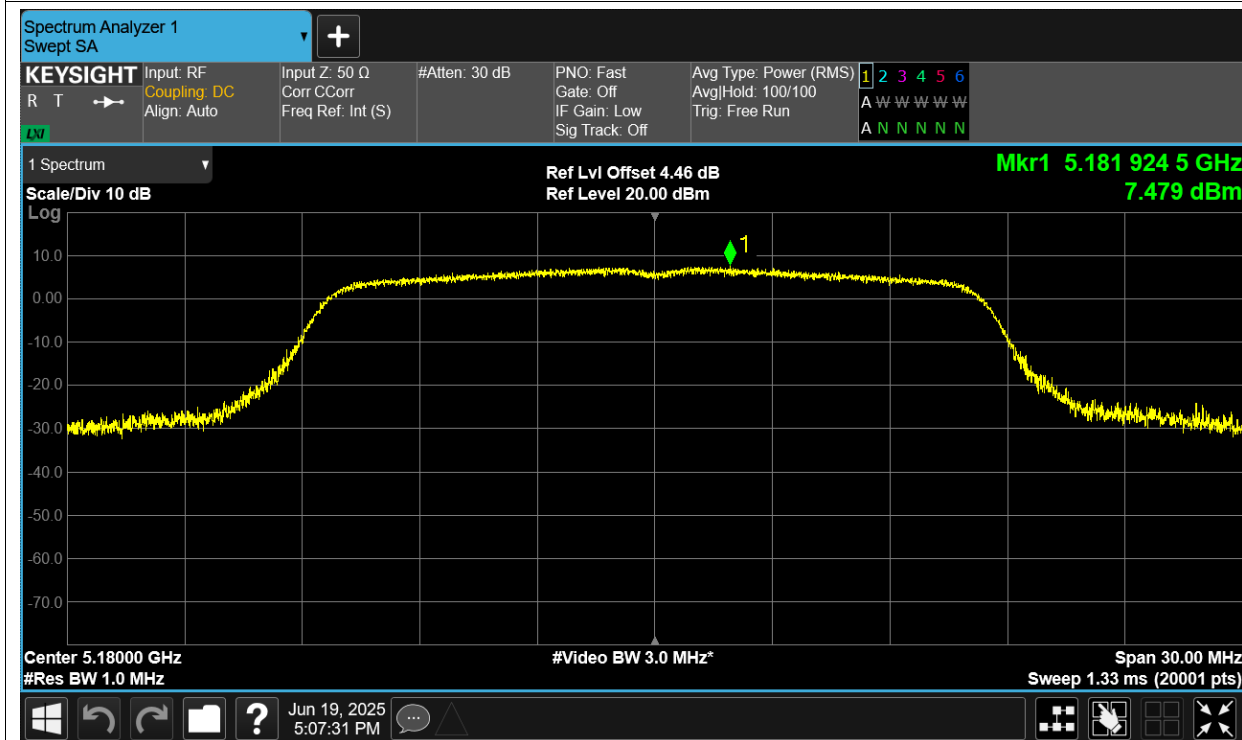


Maximum Power Spectral Density Level

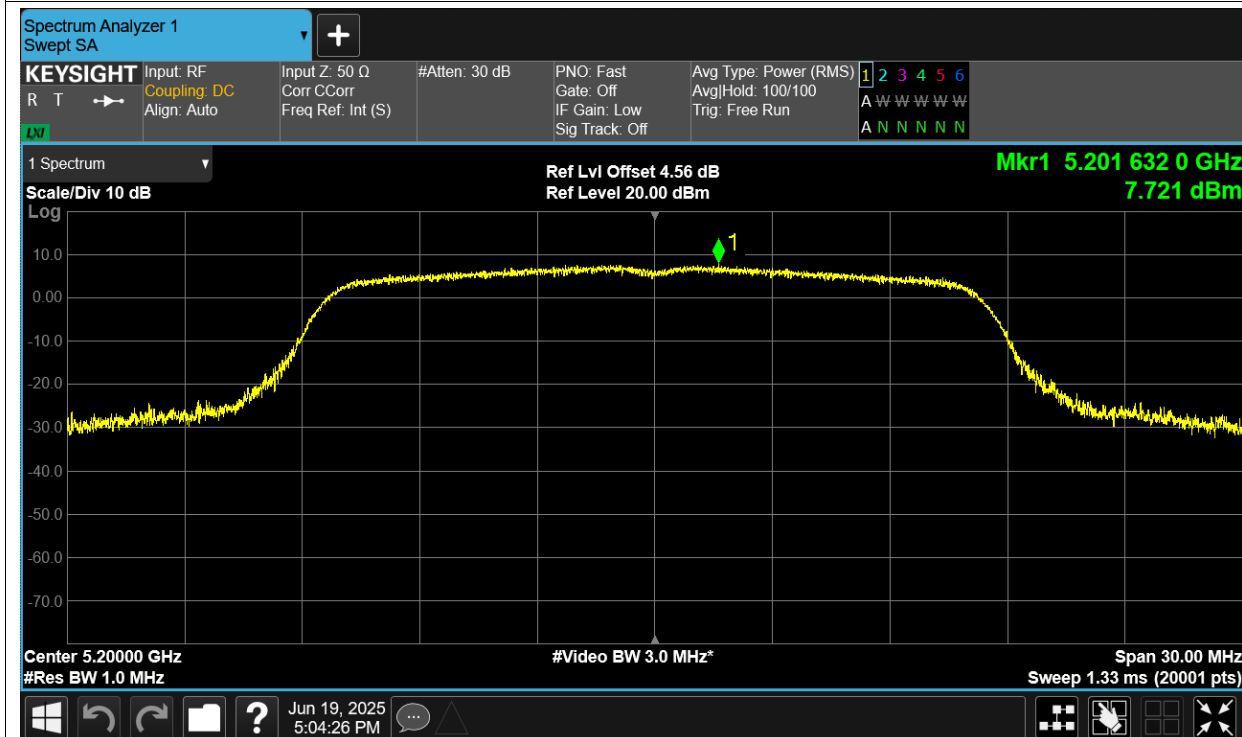
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	7.479	11	Pass
NVNT	a	5200	Ant1	7.721	11	Pass
NVNT	a	5240	Ant1	7.599	11	Pass
NVNT	ac20	5180	Ant1	6.342	11	Pass
NVNT	ac20	5200	Ant1	6.927	11	Pass
NVNT	ac20	5240	Ant1	6.509	11	Pass
NVNT	ac40	5190	Ant1	3.547	11	Pass
NVNT	ac40	5230	Ant1	3.399	11	Pass
NVNT	ac80	5210	Ant1	0.044	11	Pass
NVNT	n20	5180	Ant1	6.561	11	Pass
NVNT	n20	5200	Ant1	6.973	11	Pass
NVNT	n20	5240	Ant1	6.286	11	Pass
NVNT	n40	5190	Ant1	3.668	11	Pass
NVNT	n40	5230	Ant1	3.707	11	Pass

Test Graphs

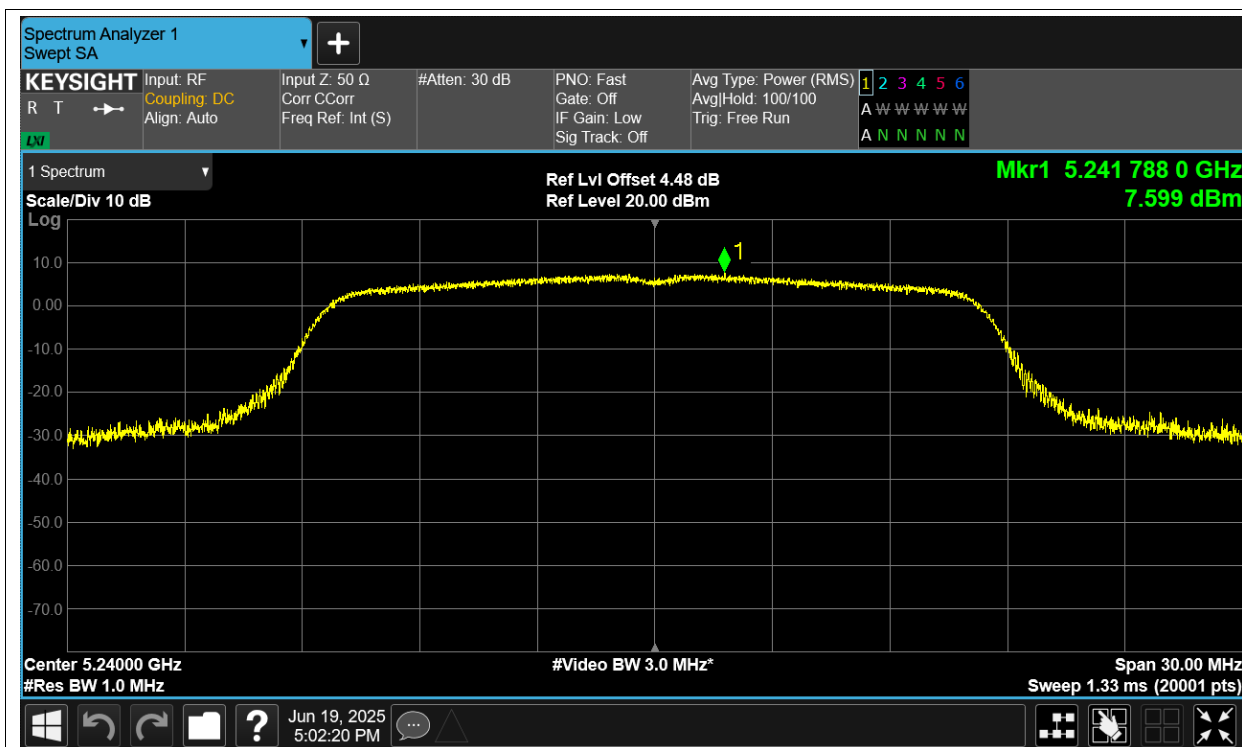
PSD NVNT a 5180MHz Ant1



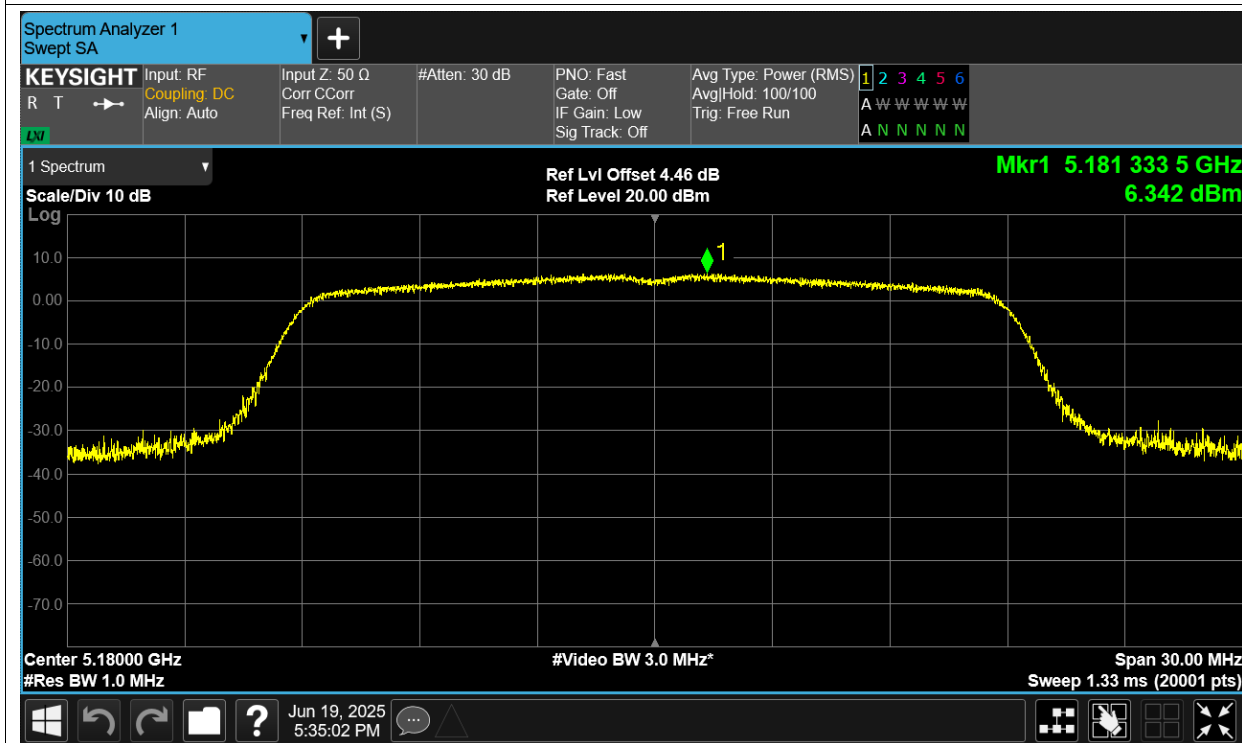
PSD NVNT a 5200MHz Ant1



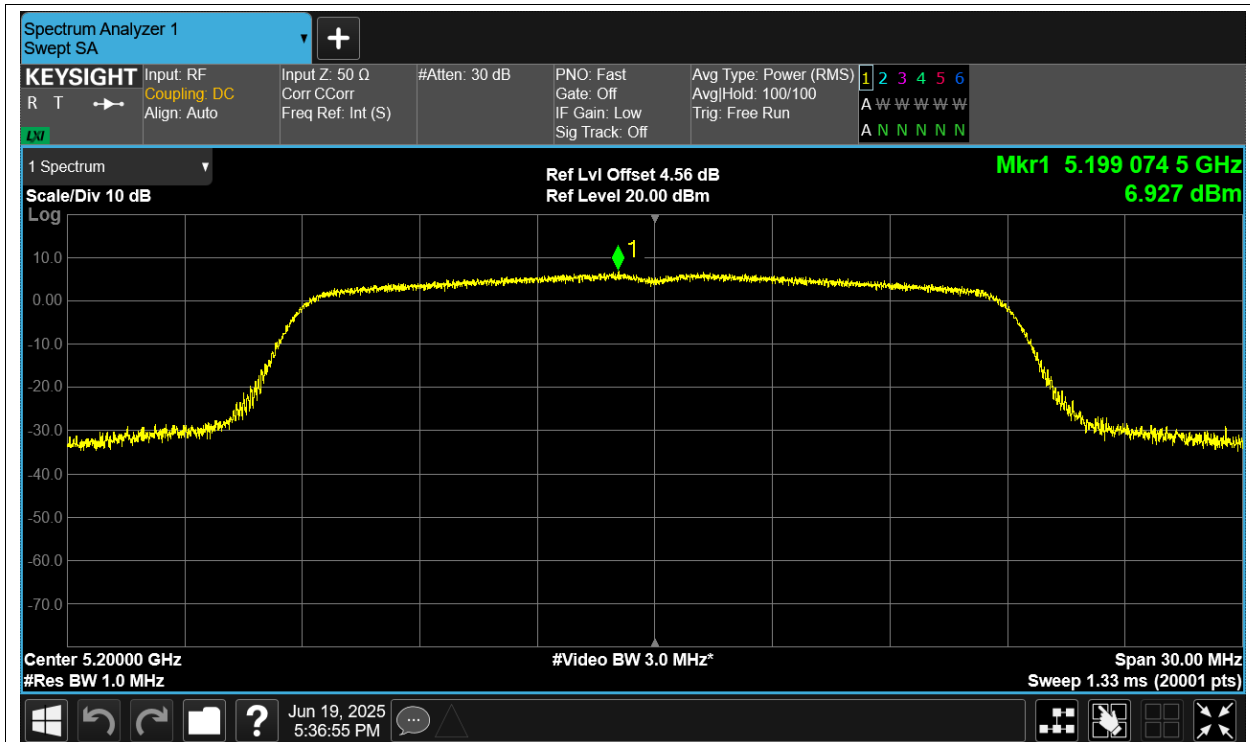
PSD NVNT a 5240MHz Ant1



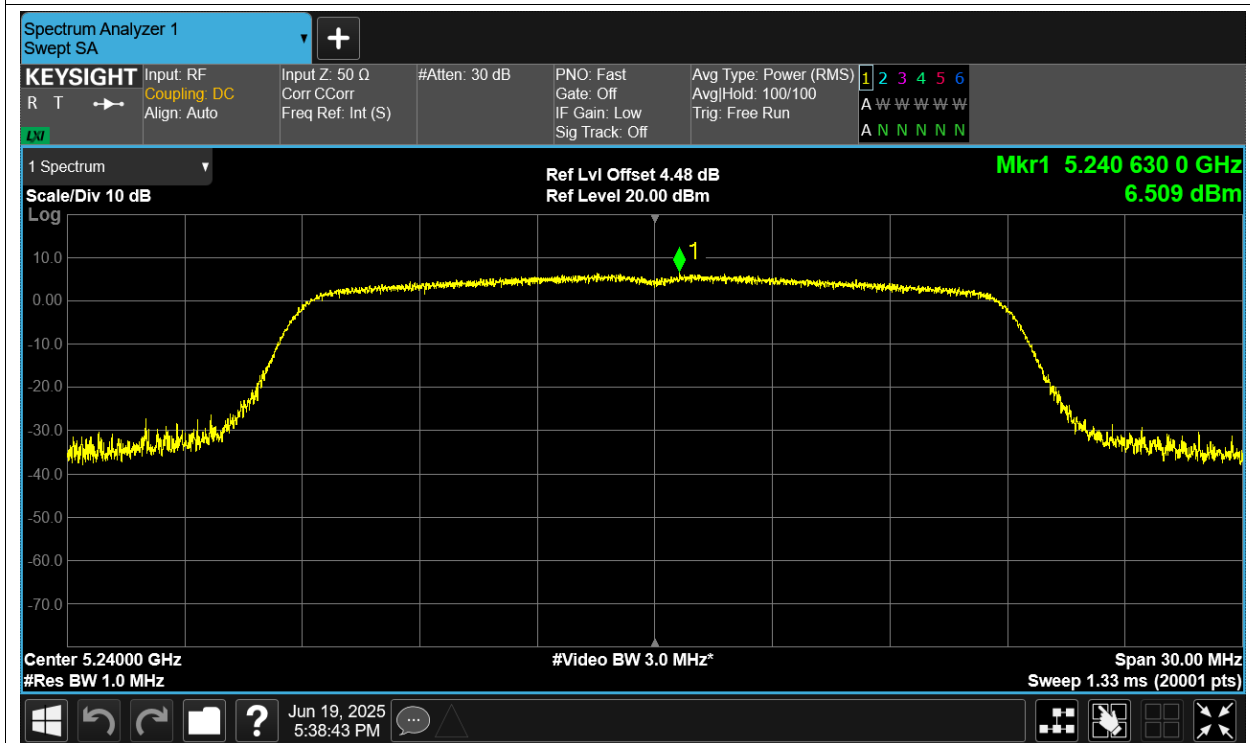
PSD NVNT ac20 5180MHz Ant1



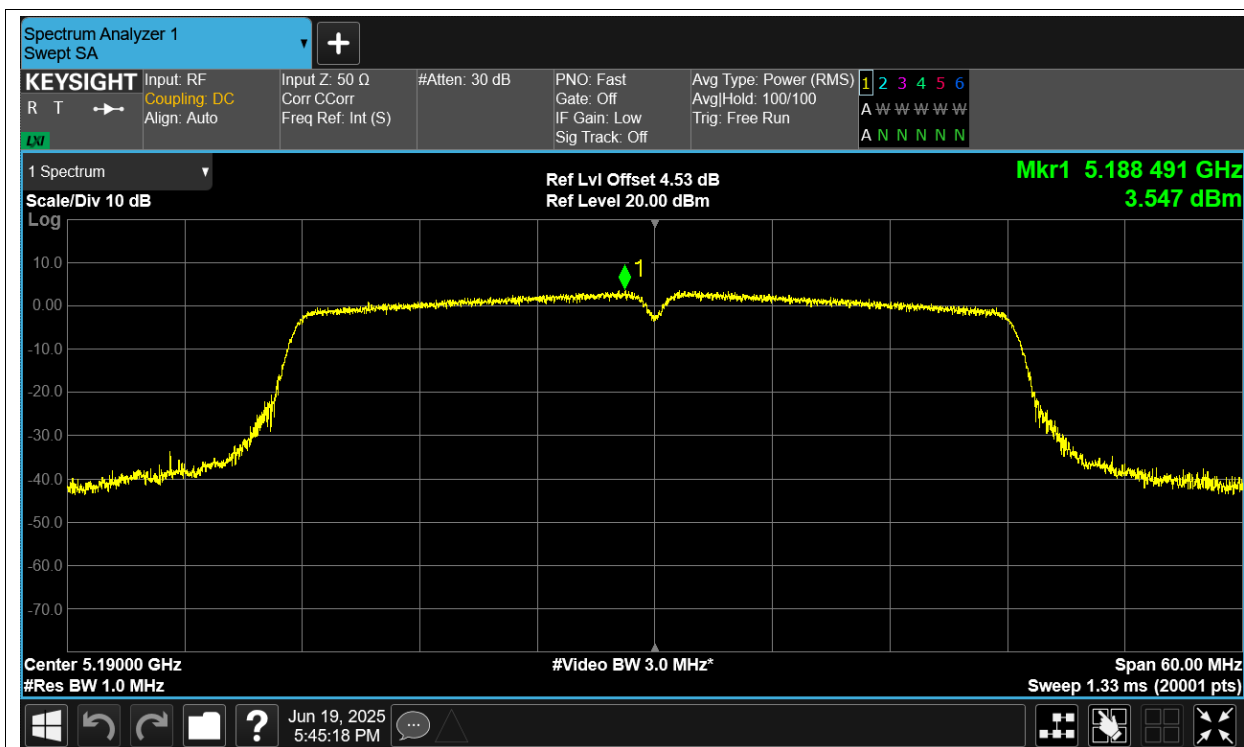
PSD NVNT ac20 5200MHz Ant1



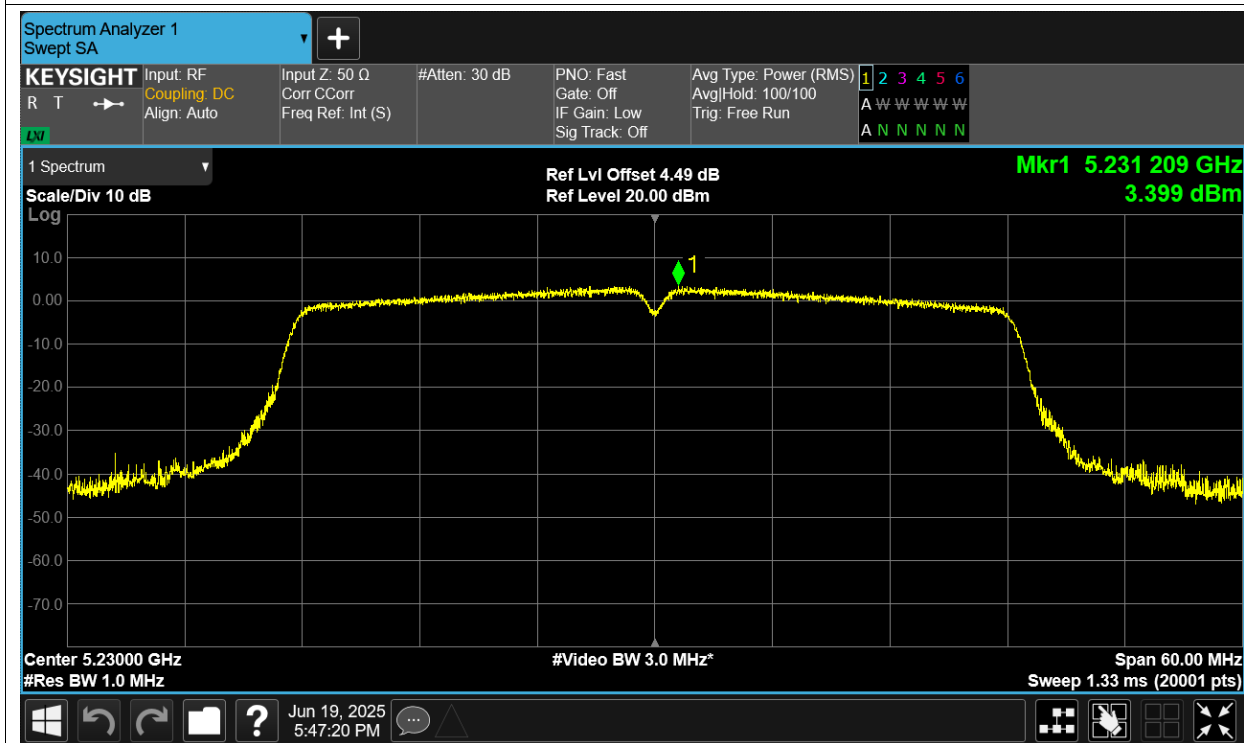
PSD NVNT ac20 5240MHz Ant1



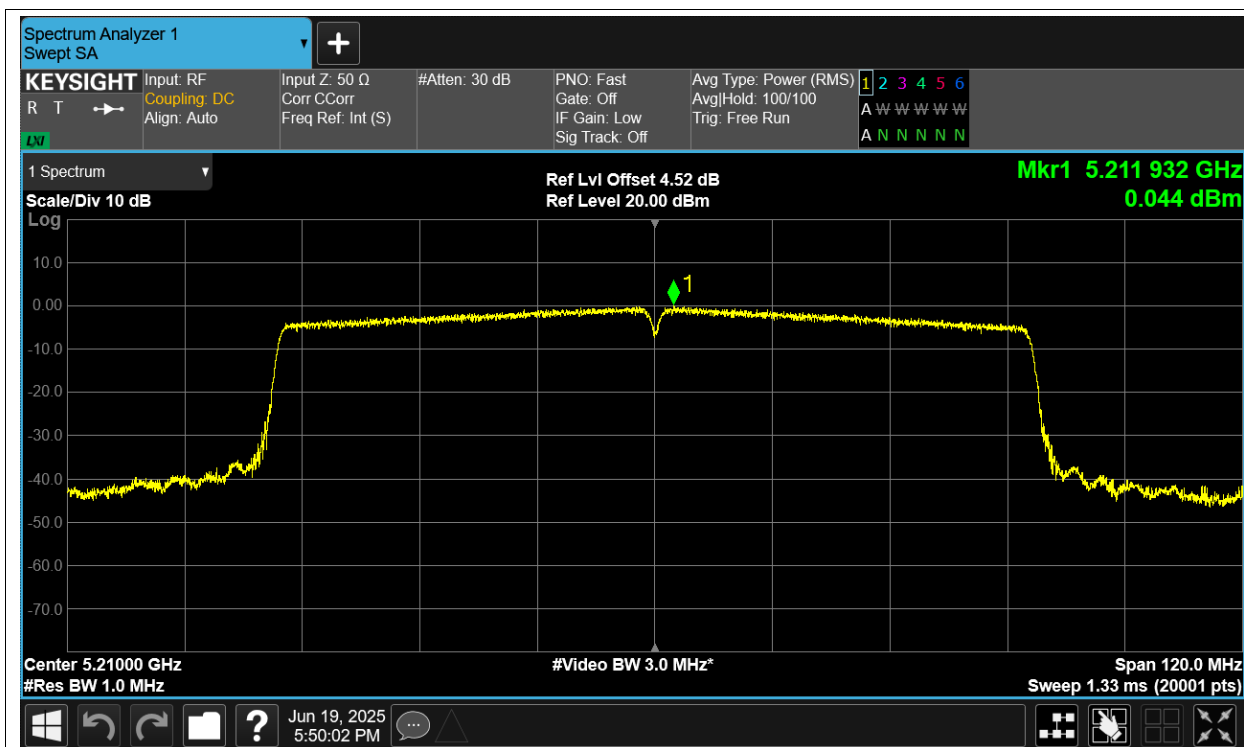
PSD NVNT ac40 5190MHz Ant1



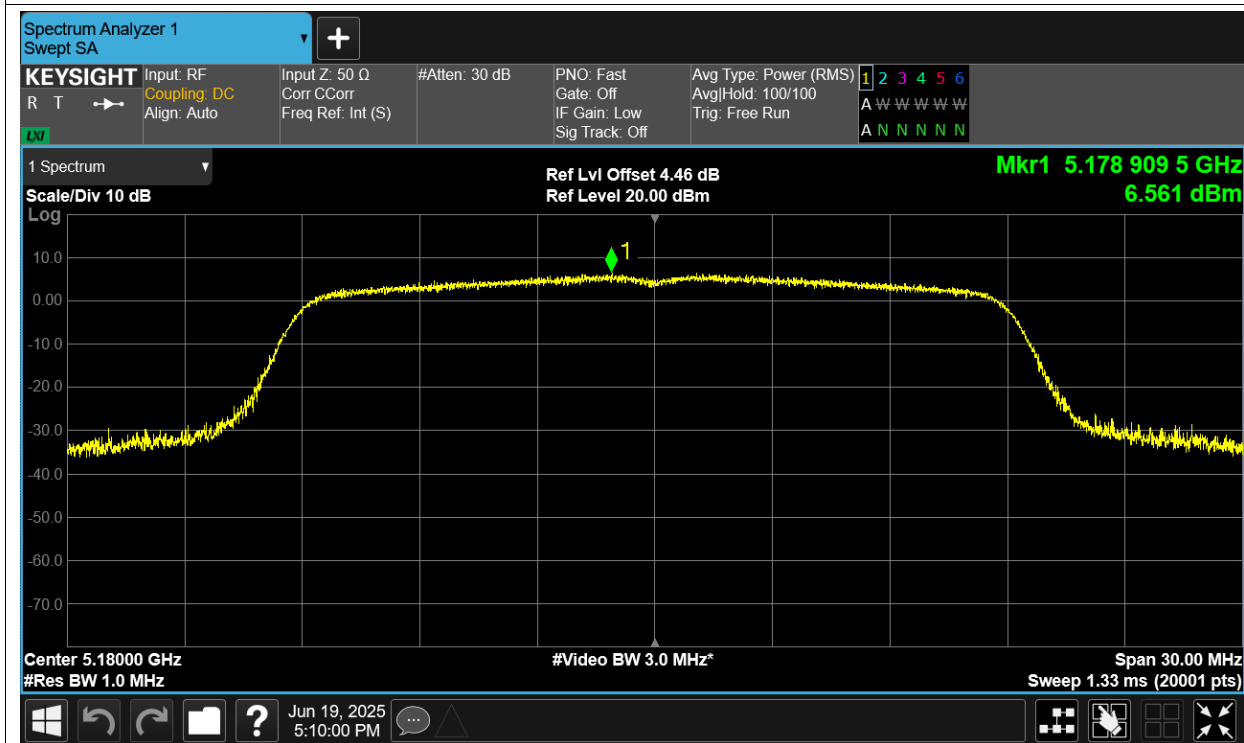
PSD NVNT ac40 5230MHz Ant1



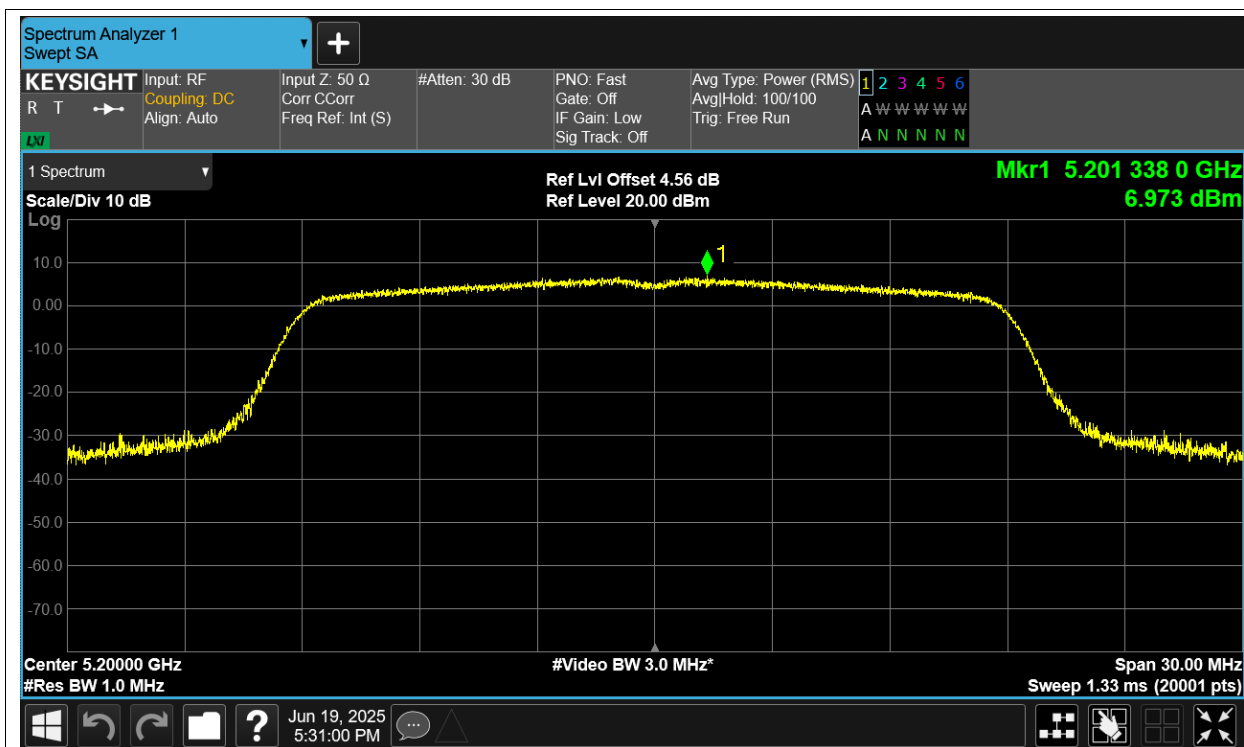
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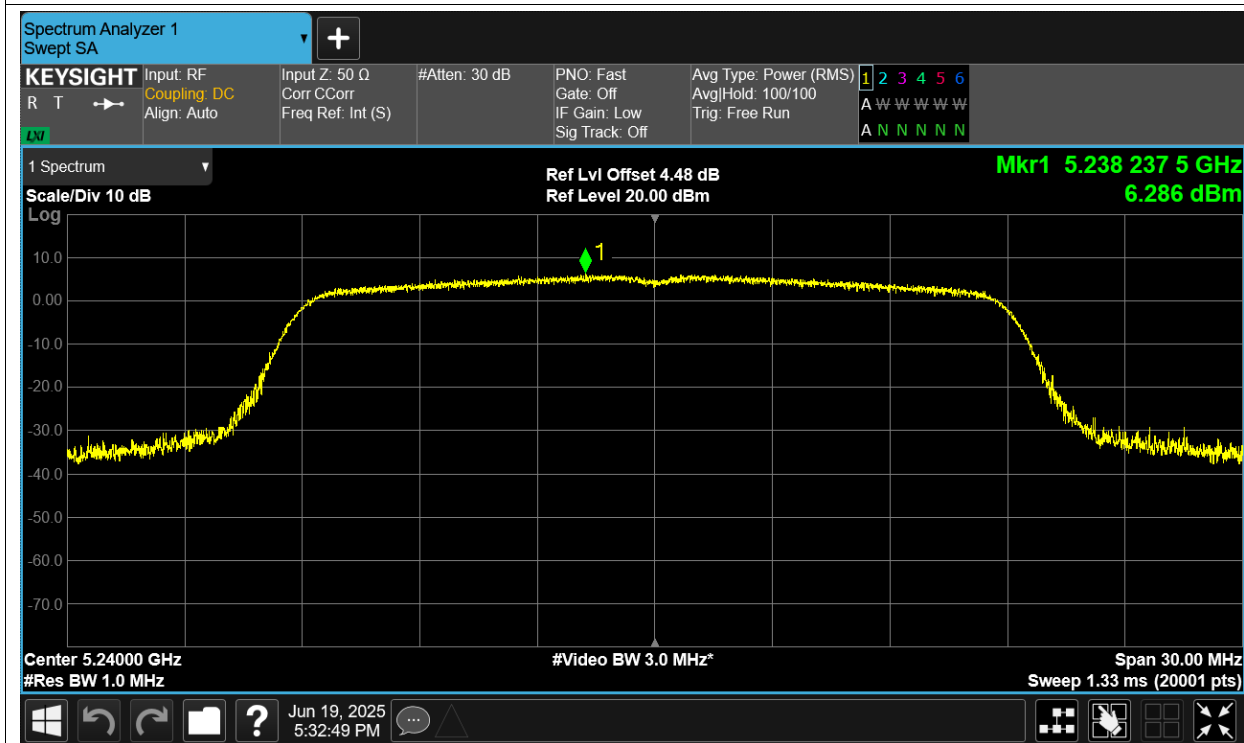
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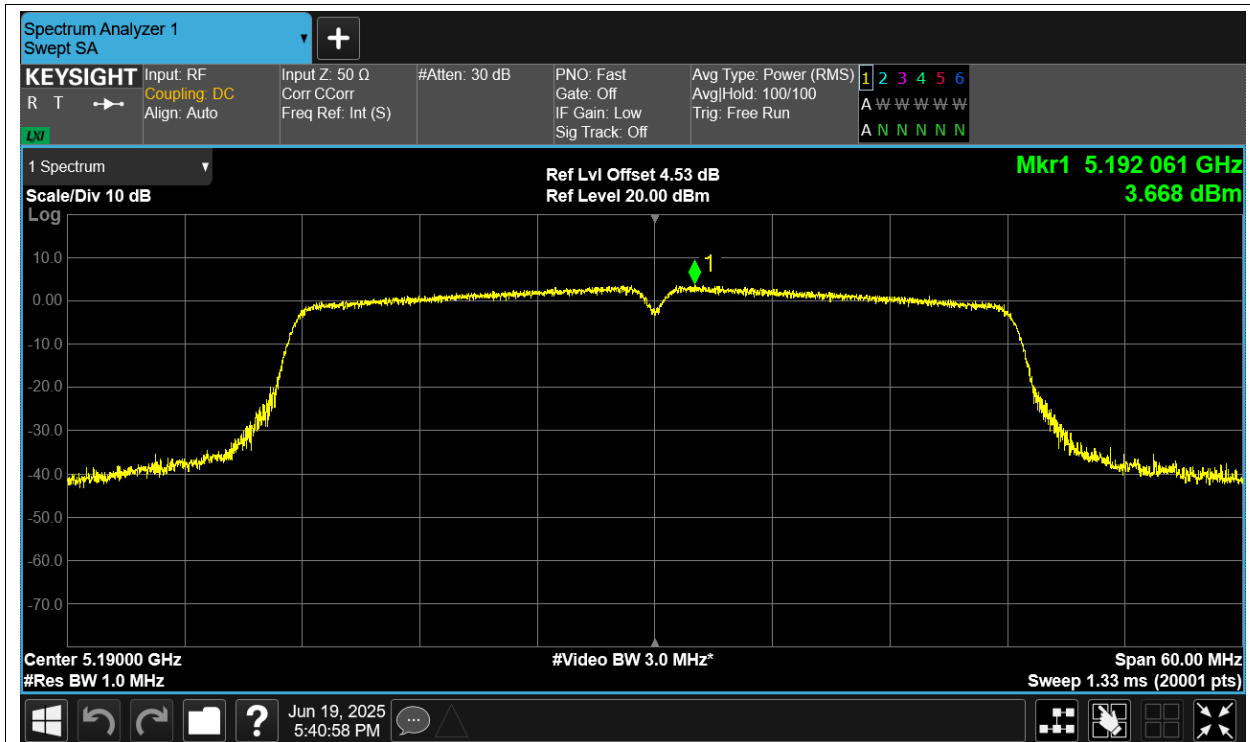
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

