

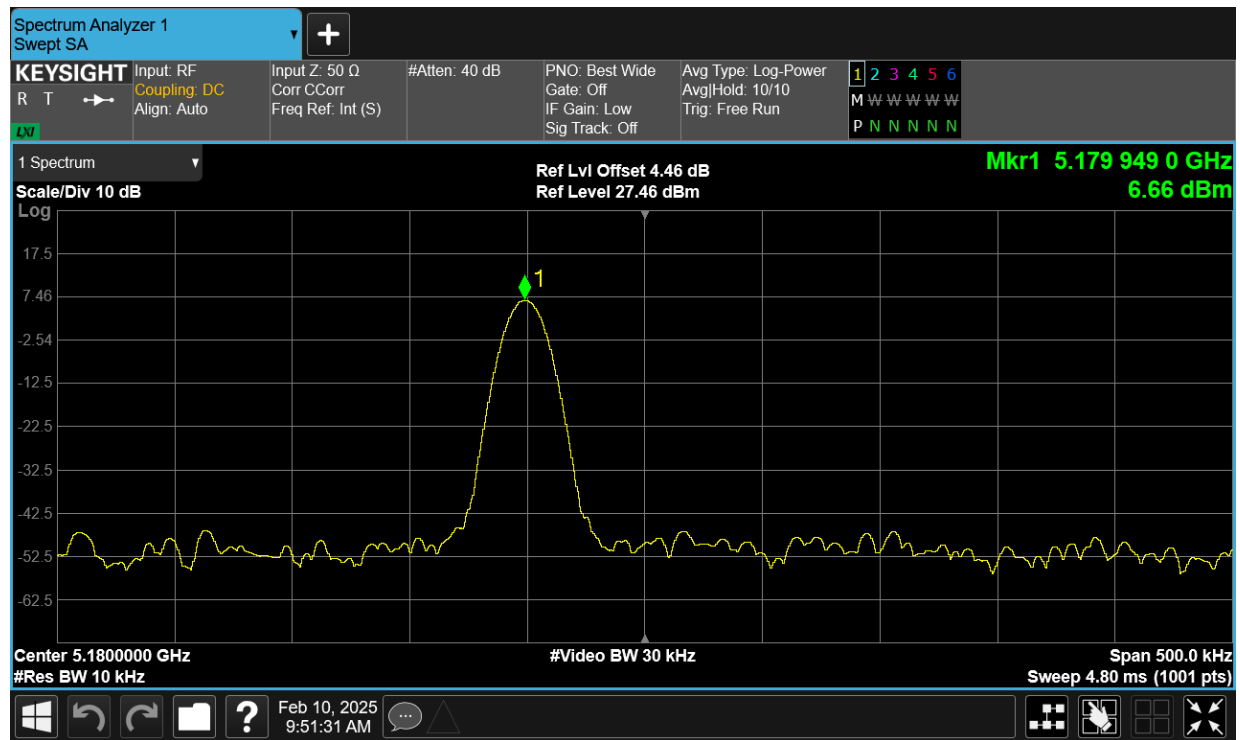
Test Data

Frequency Stability

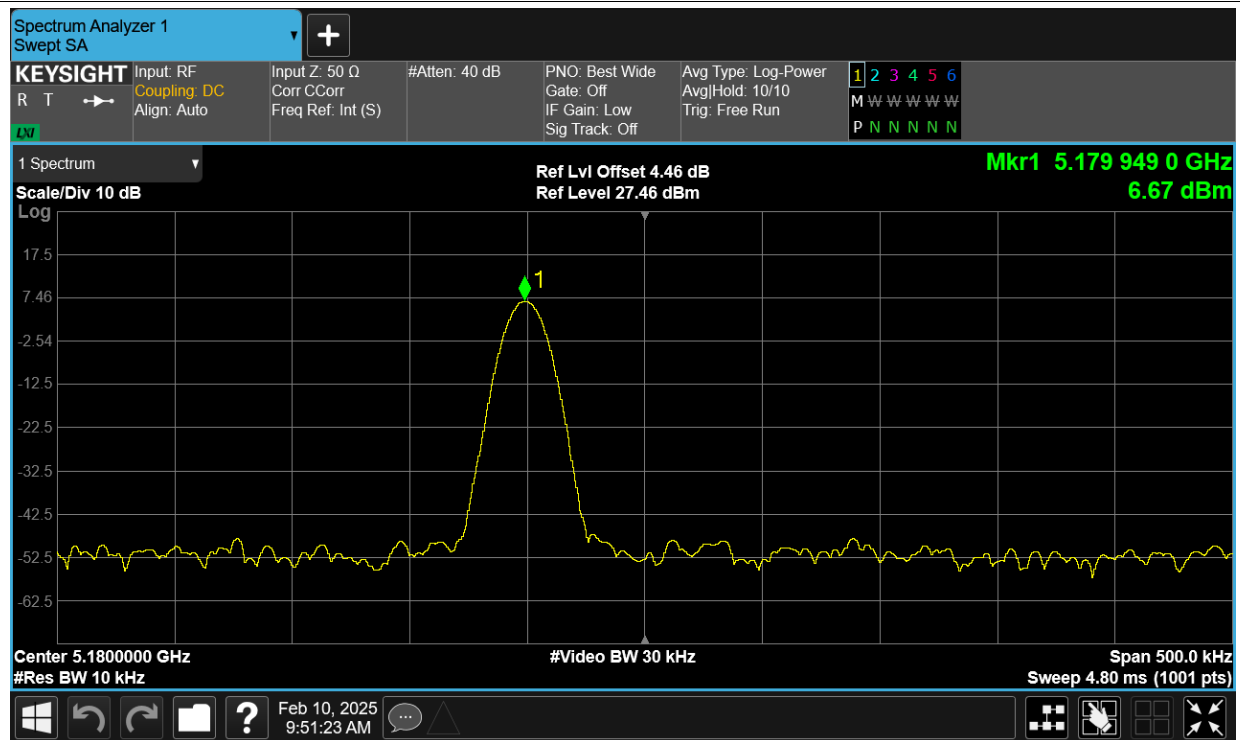
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.949	-9.85	25	Pass
LVNT	a	5180	Ant1	5179.949	-9.85	25	Pass
NVHT	a	5180	Ant1	5179.949	-9.85	25	Pass
NVLT	a	5180	Ant1	5179.949	-9.85	25	Pass
NVNT	a	5180	Ant1	5179.9495	-9.75	25	Pass
HVNT	ac80	5210	Ant1	5209.9485	-9.88	25	Pass
LVNT	ac80	5210	Ant1	5209.9485	-9.88	25	Pass
NVHT	ac80	5210	Ant1	5209.9485	-9.88	25	Pass
NVLT	ac80	5210	Ant1	5209.9485	-9.88	25	Pass
NVNT	ac80	5210	Ant1	5209.948404786	-9.9	25	Pass
HVNT	n40	5190	Ant1	5189.949	-9.83	25	Pass
LVNT	n40	5190	Ant1	5189.949	-9.83	25	Pass
NVHT	n40	5190	Ant1	5189.949	-9.83	25	Pass
NVLT	n40	5190	Ant1	5189.949	-9.83	25	Pass
NVNT	n40	5190	Ant1	5189.949	-9.83	25	Pass

Test Graphs

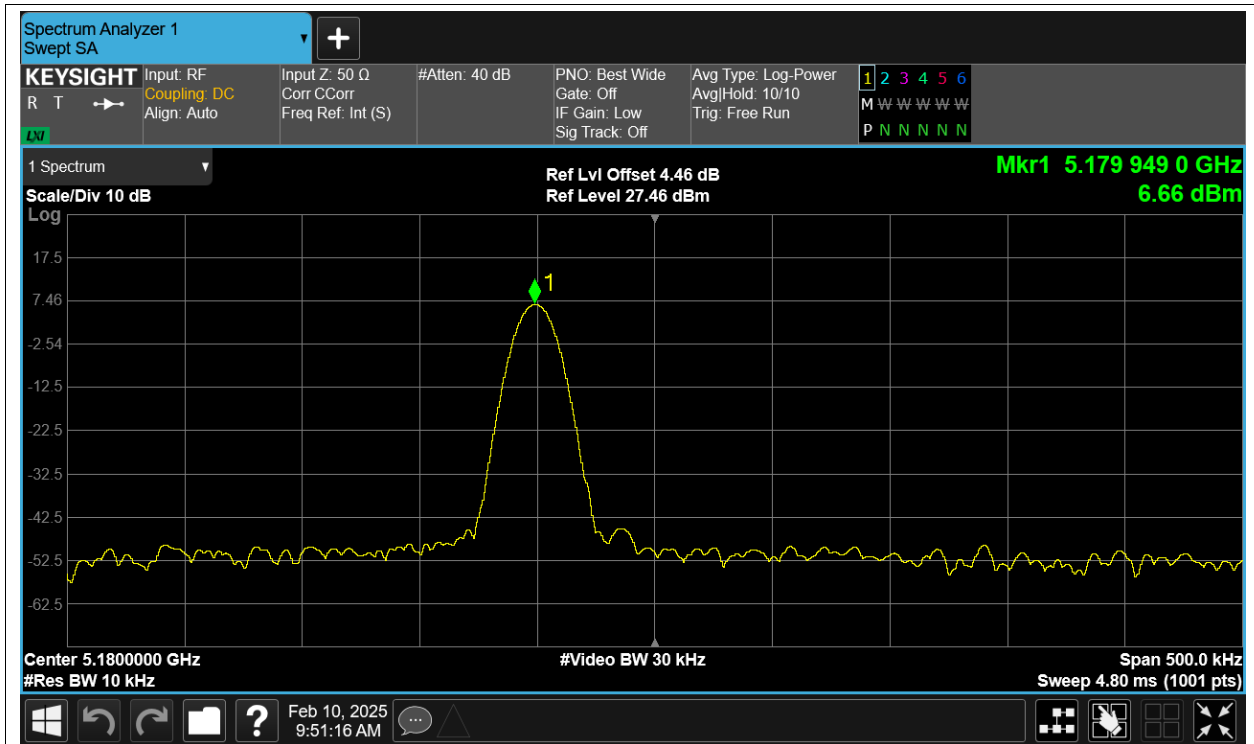
Freq. Stability HVNT a 5180MHz Ant1



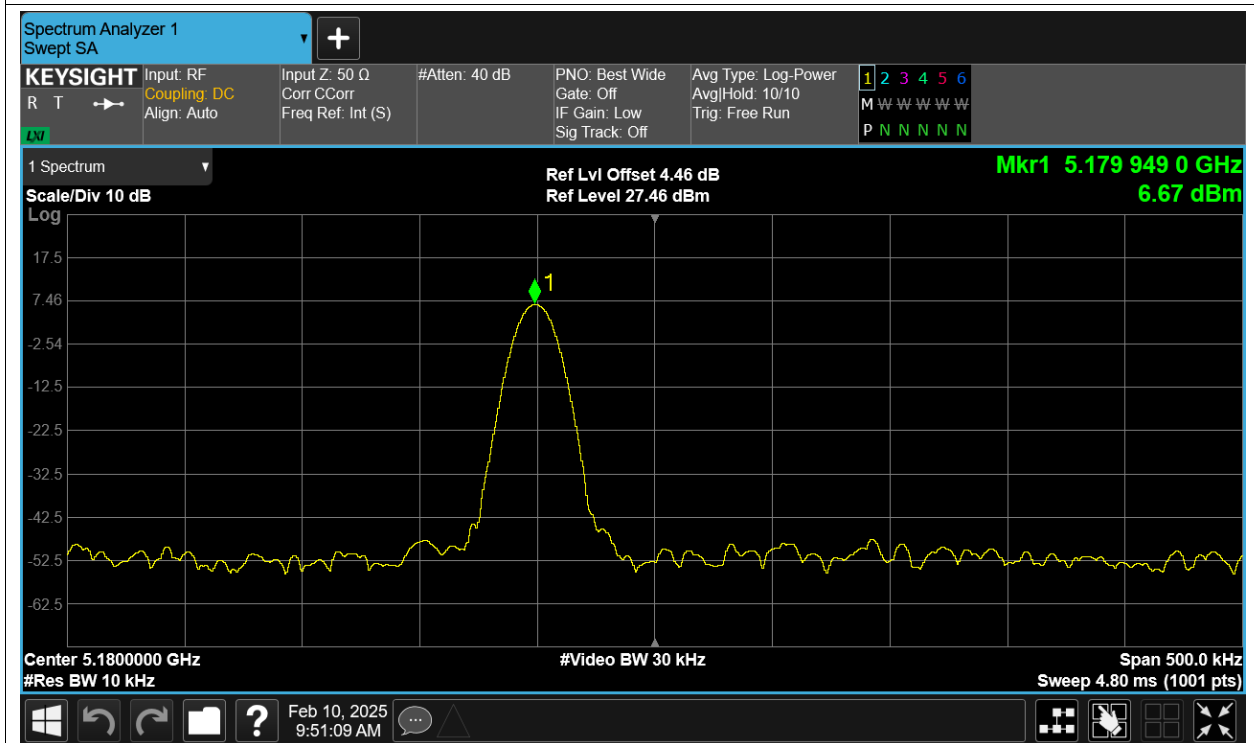
Freq. Stability LVNT a 5180MHz Ant1



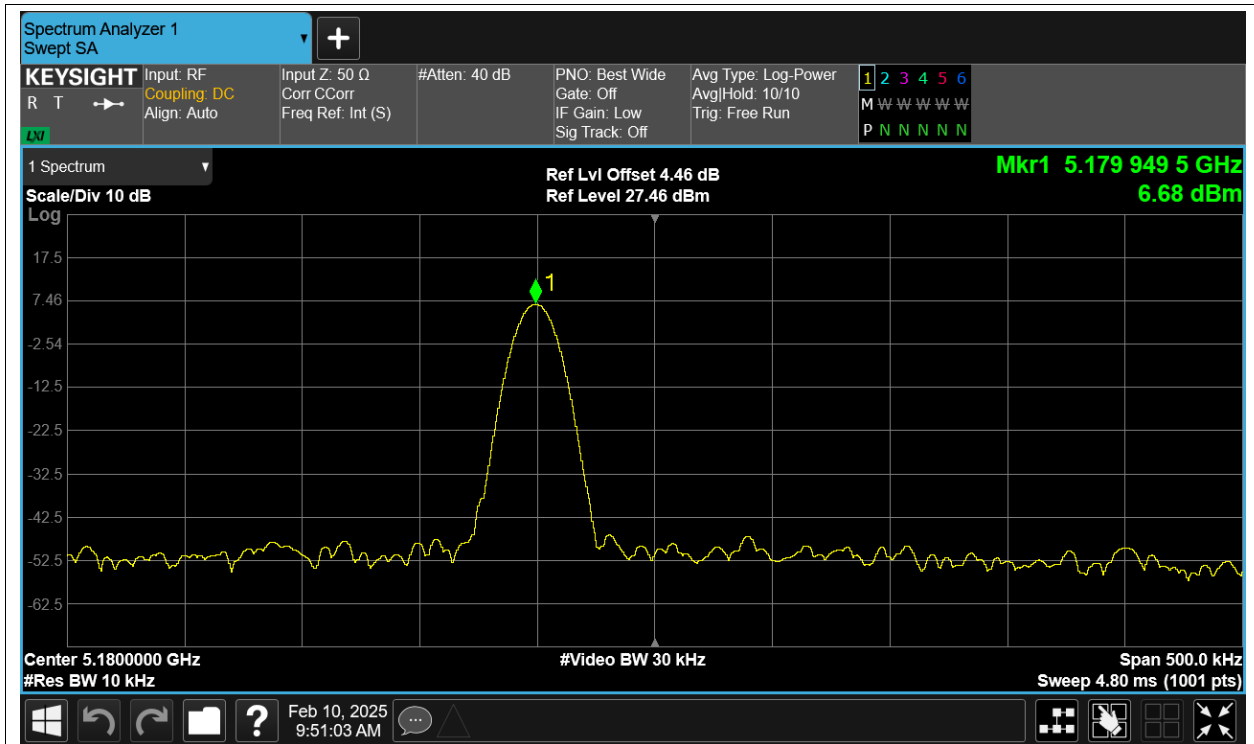
Freq. Stability NVHT a 5180MHz Ant1



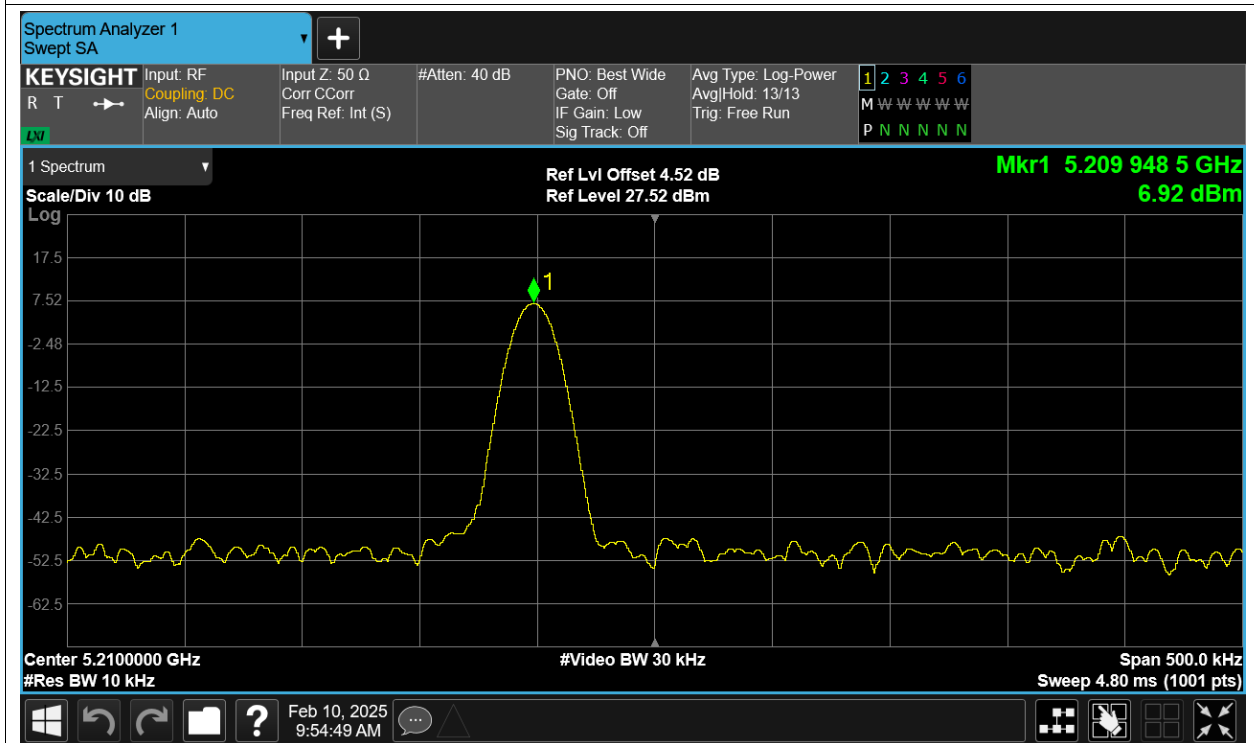
Freq. Stability NVLT a 5180MHz Ant1



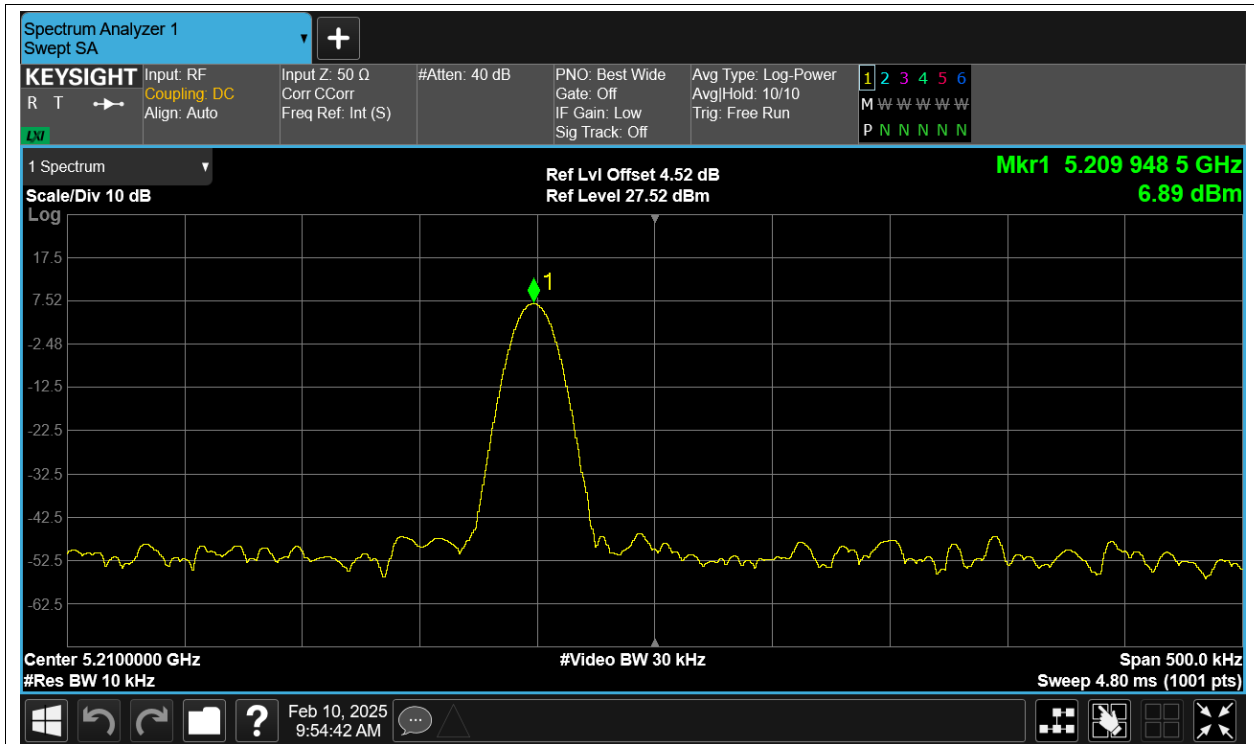
Freq. Stability NVNT a 5180MHz Ant1



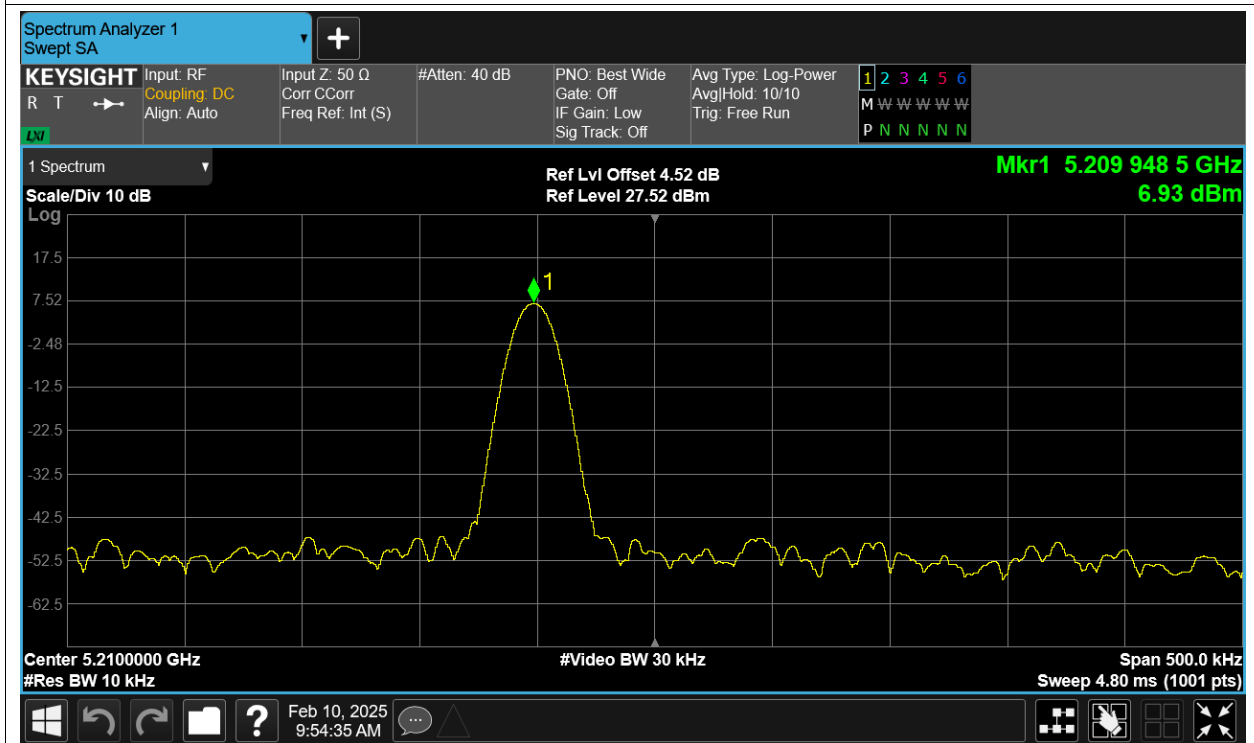
Freq. Stability HVNT ac80 5210MHz Ant1



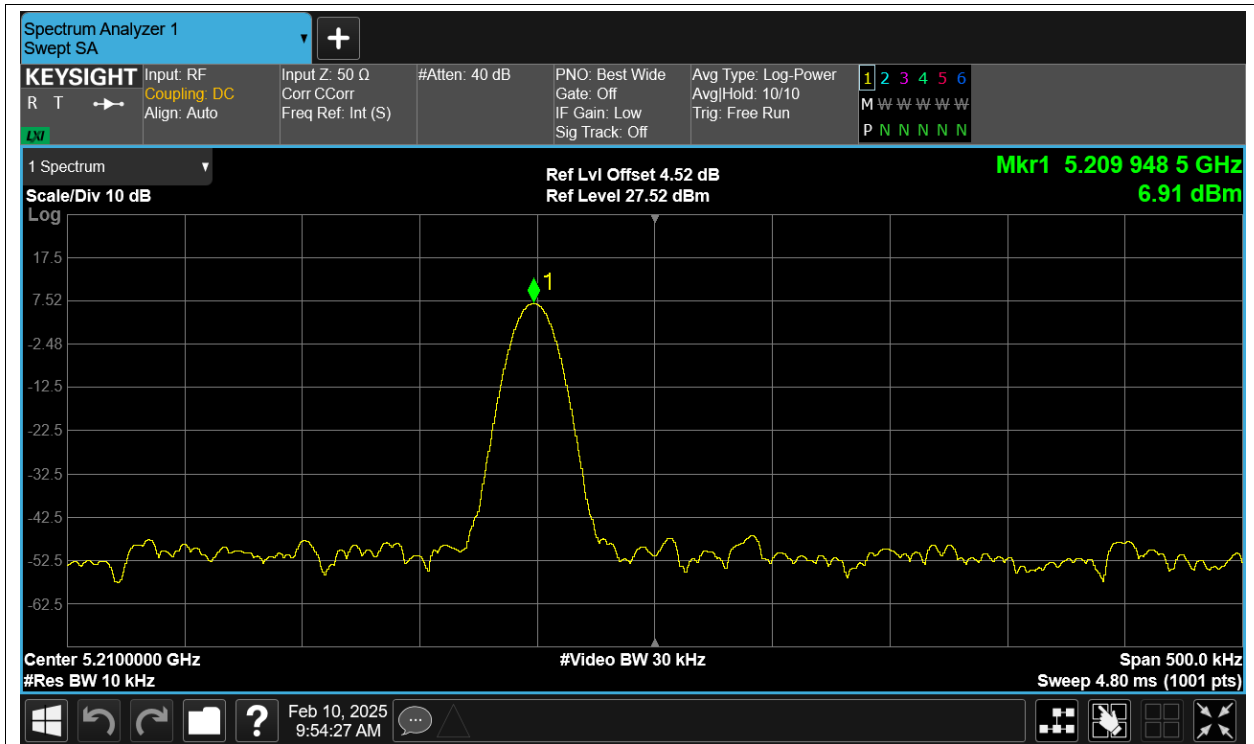
Freq. Stability LVNT ac80 5210MHz Ant1



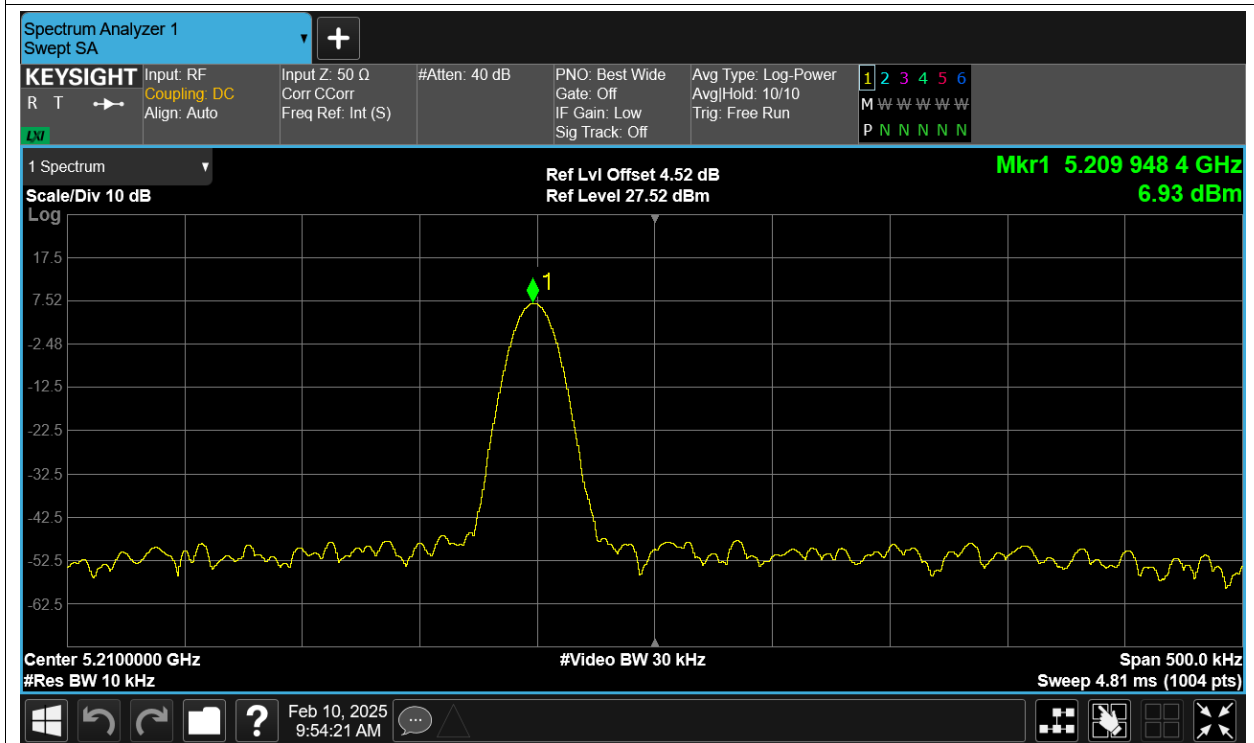
Freq. Stability NVHT ac80 5210MHz Ant1



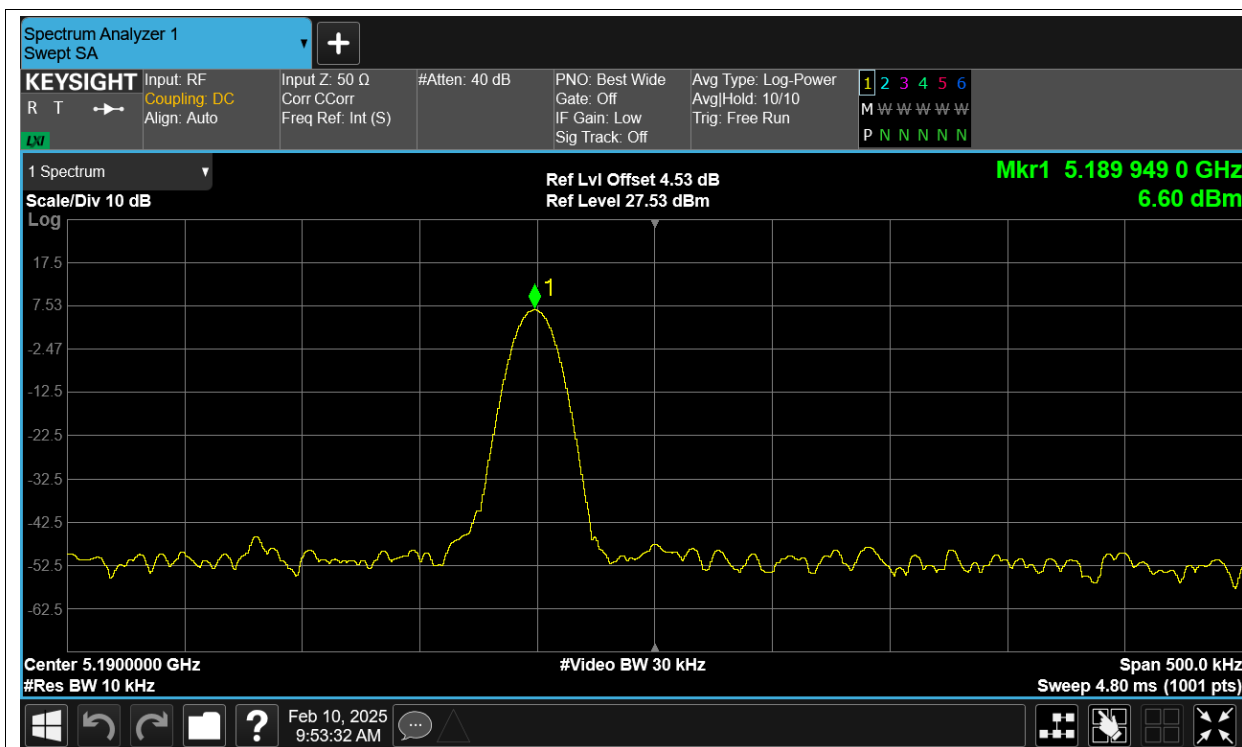
Freq. Stability NVLT ac80 5210MHz Ant1



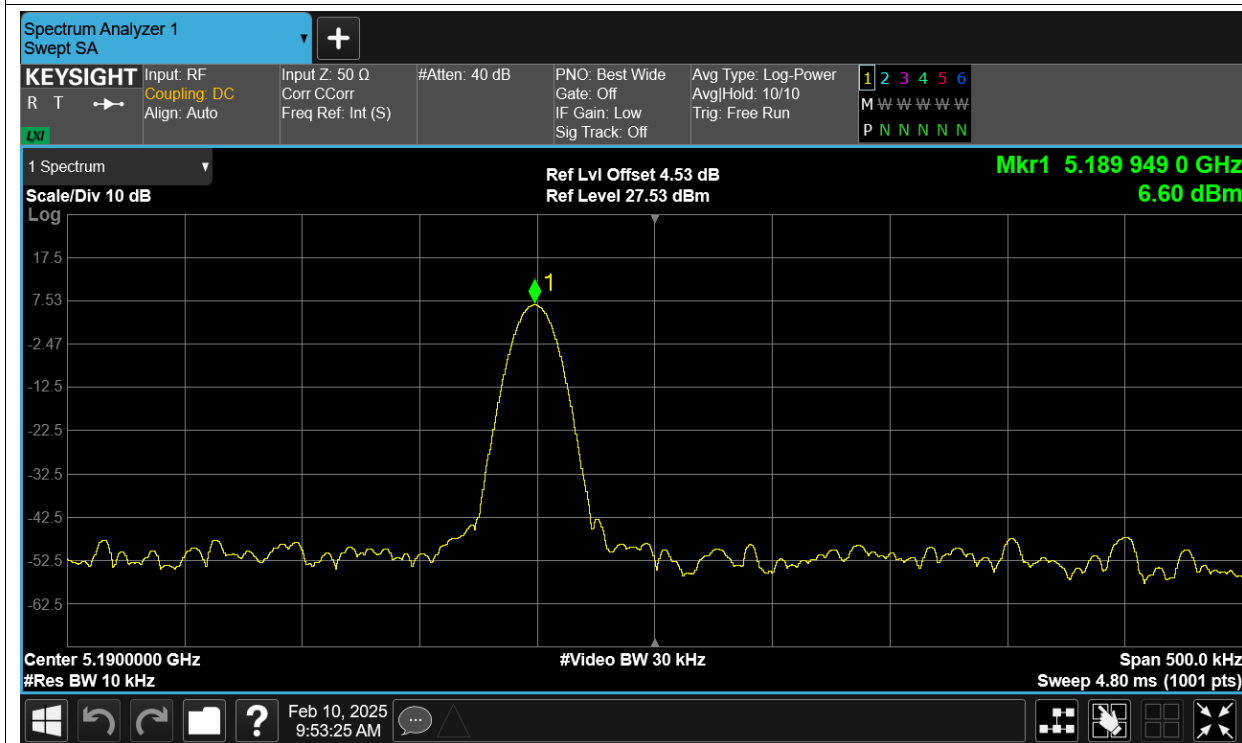
Freq. Stability NVNT ac80 5210MHz Ant1



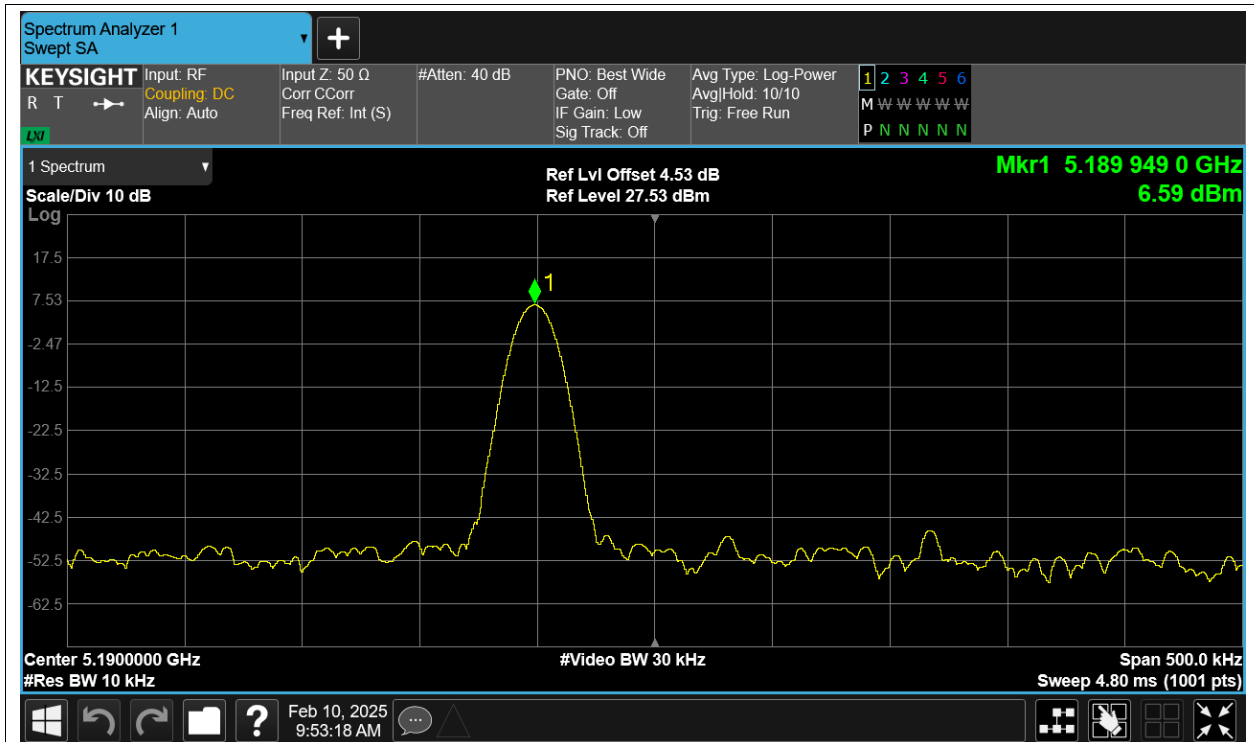
Freq. Stability HVNT n40 5190MHz Ant1



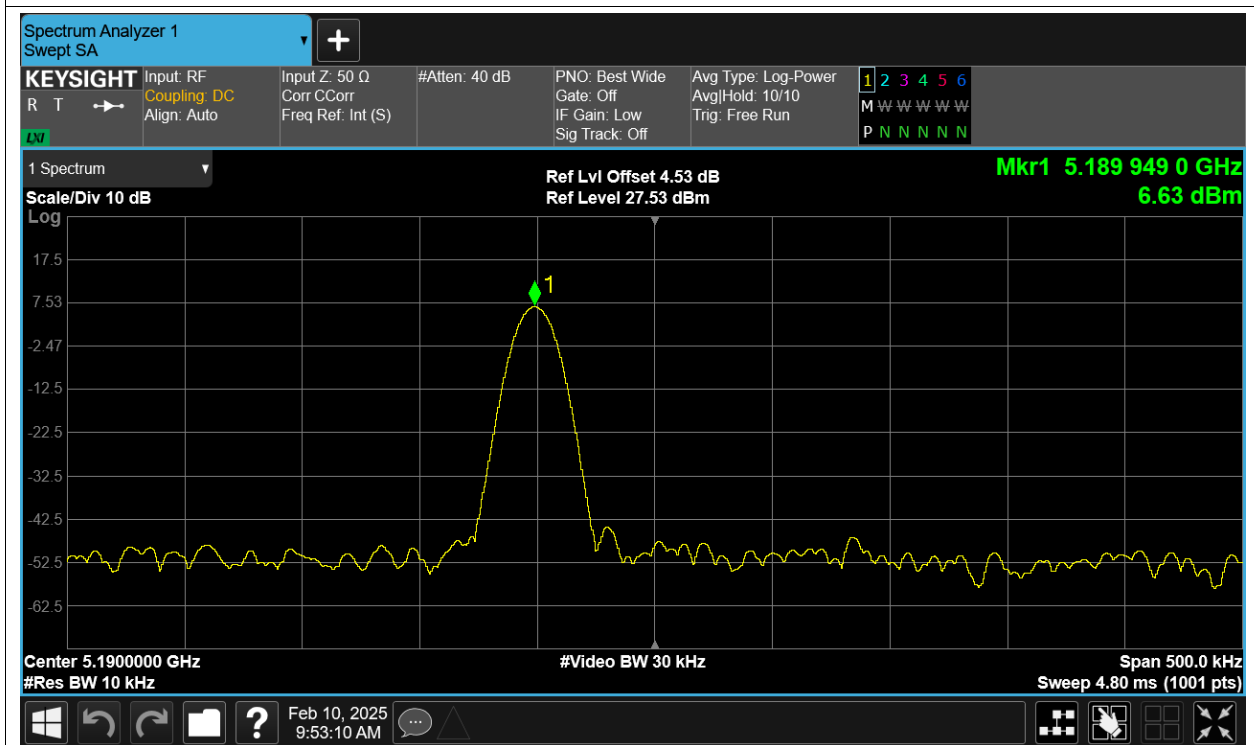
Freq. Stability LVNT n40 5190MHz Ant1



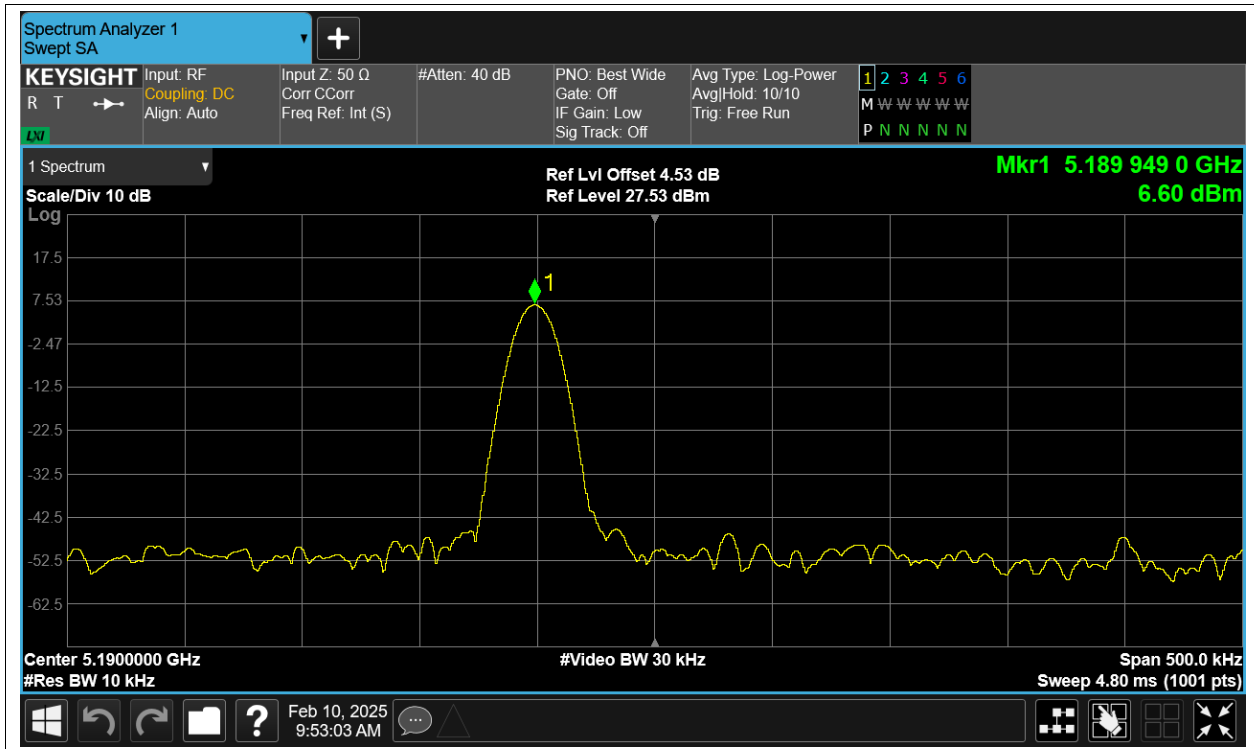
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

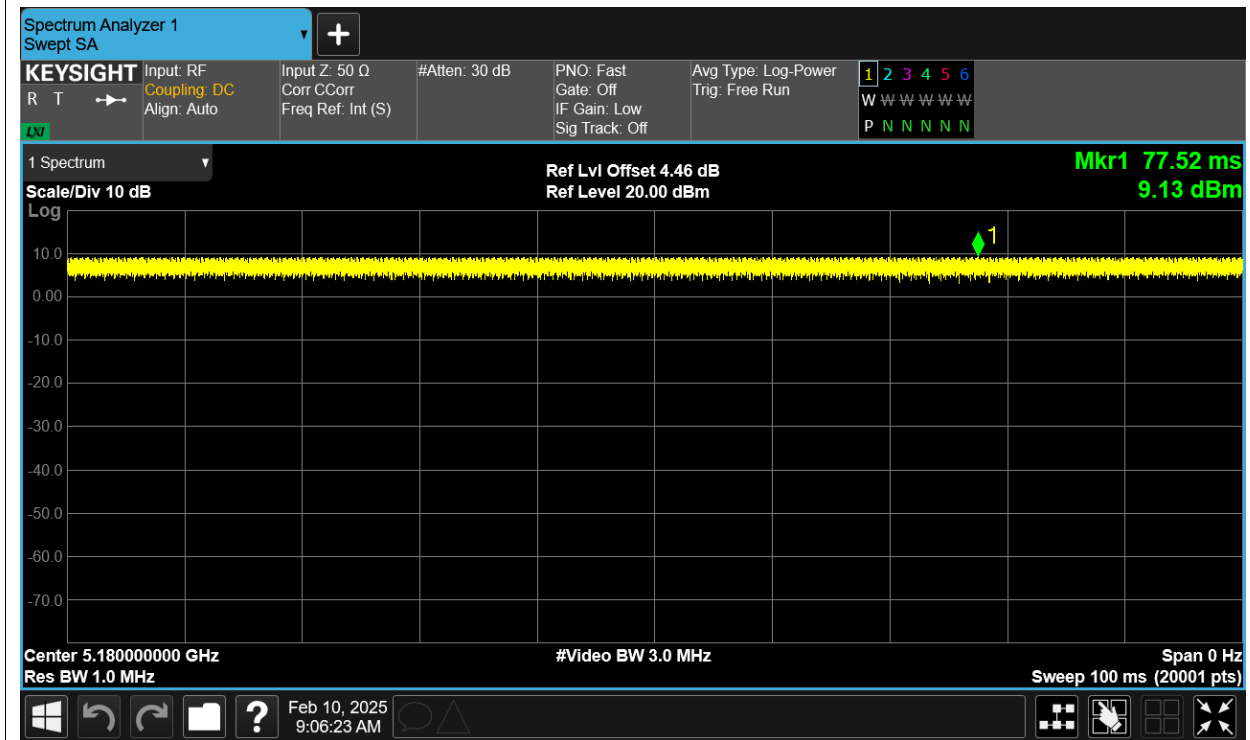


Duty Cycle

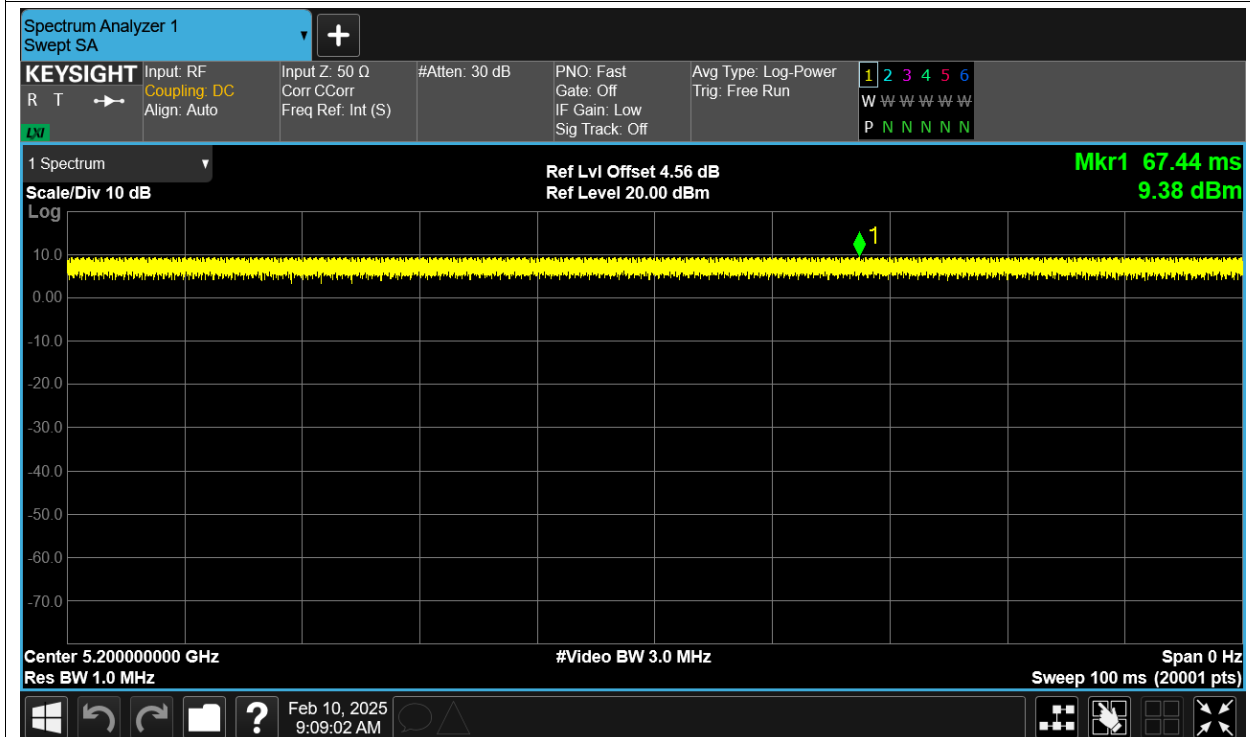
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0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

Test Graphs

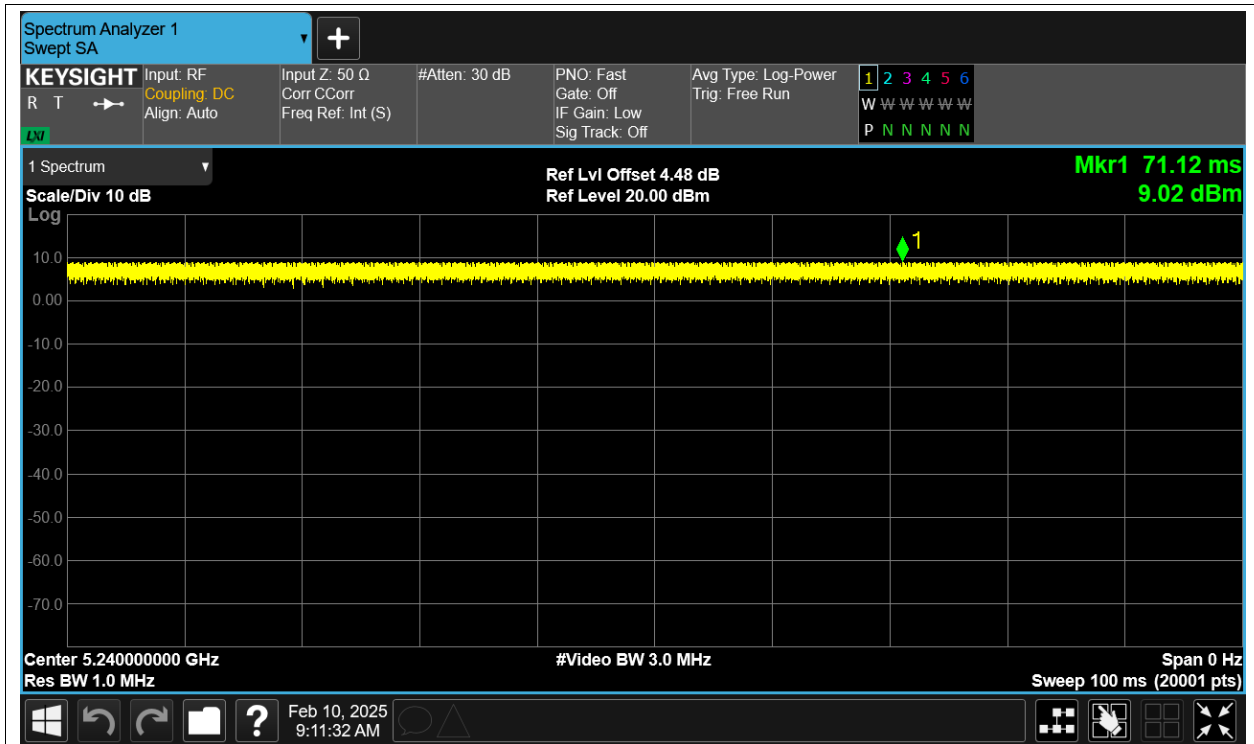
Duty Cycle NVNT a 5180MHz Ant1



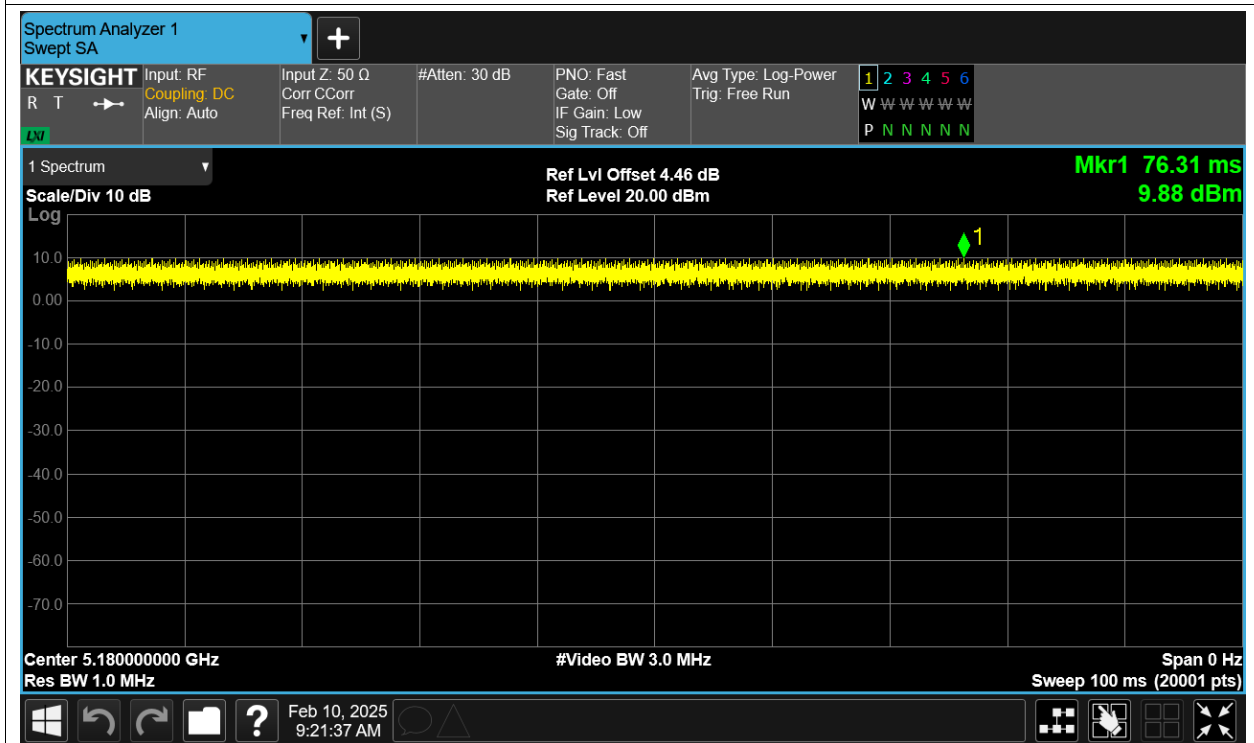
Duty Cycle NVNT a 5200MHz Ant1



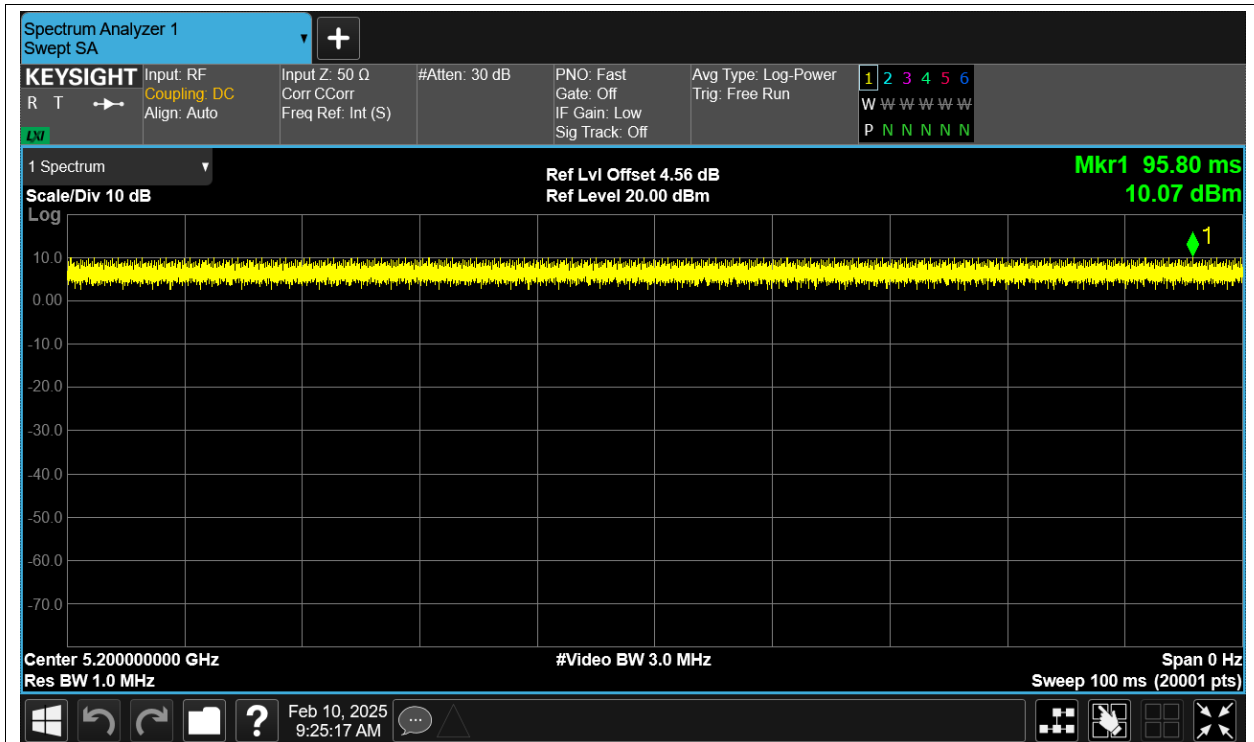
Duty Cycle NVNT a 5240MHz Ant1



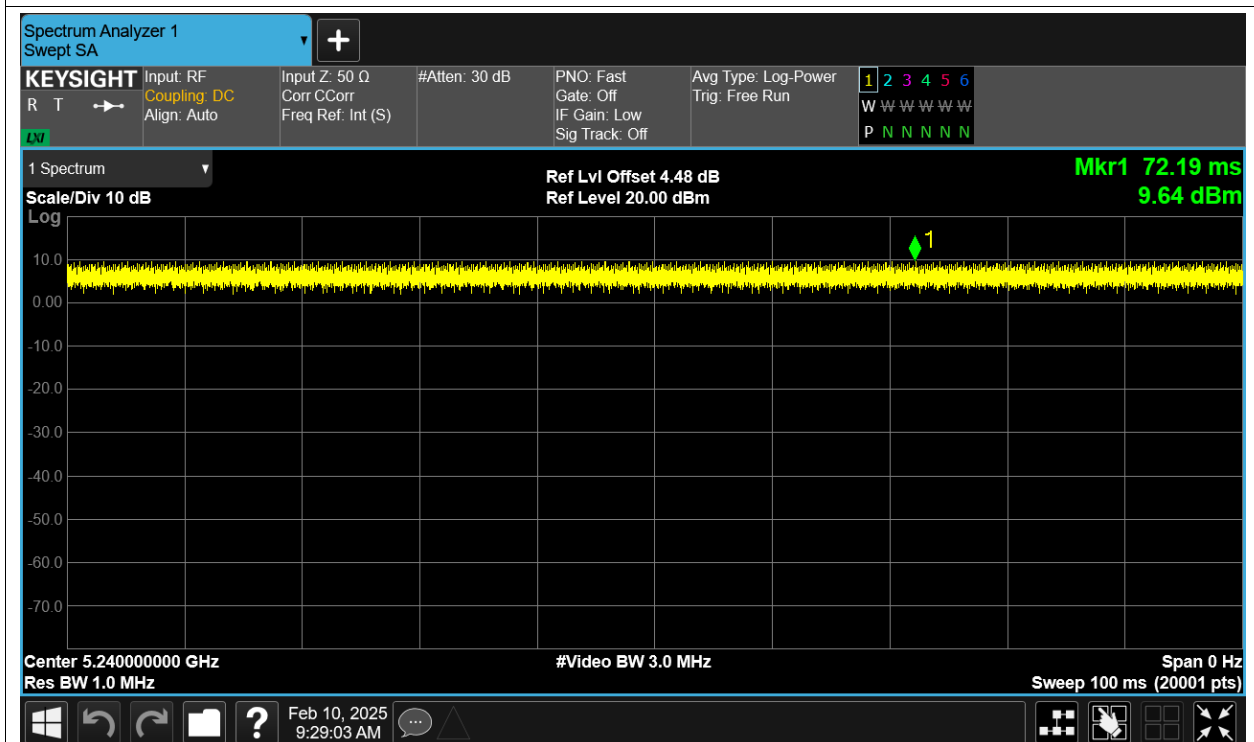
Duty Cycle NVNT ac20 5180MHz Ant1



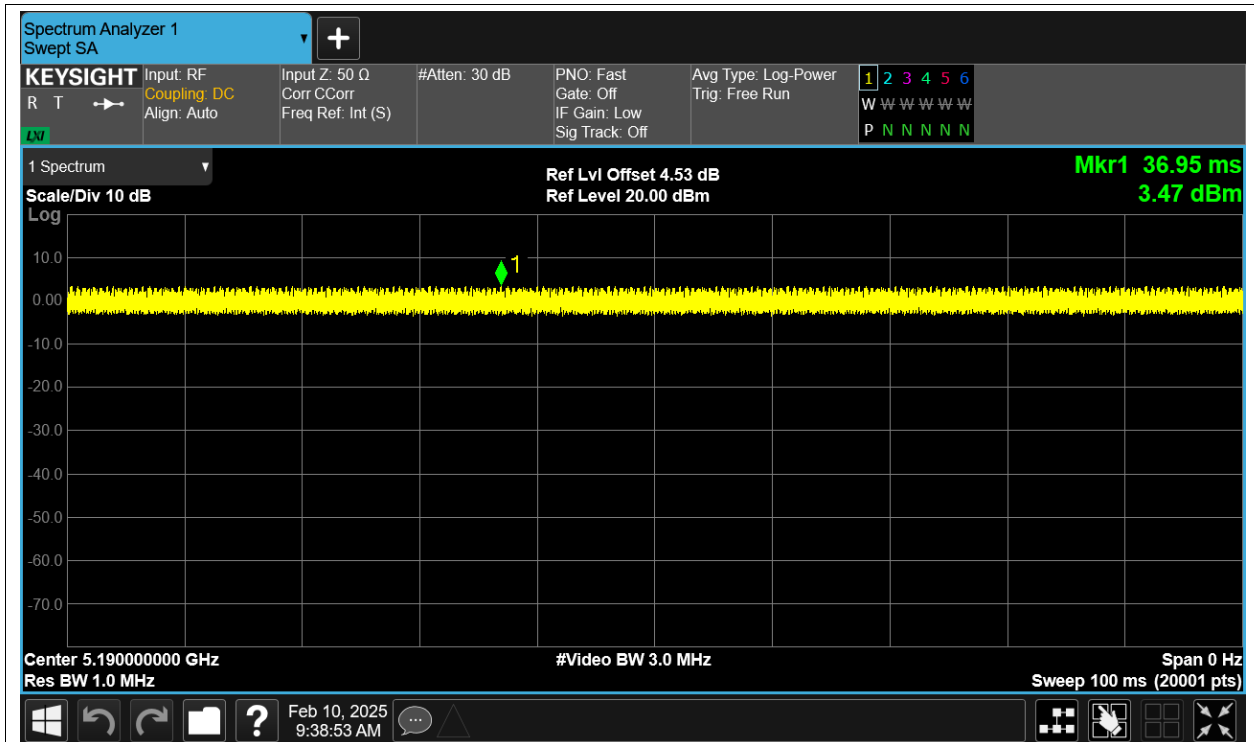
Duty Cycle NVNT ac20 5200MHz Ant1



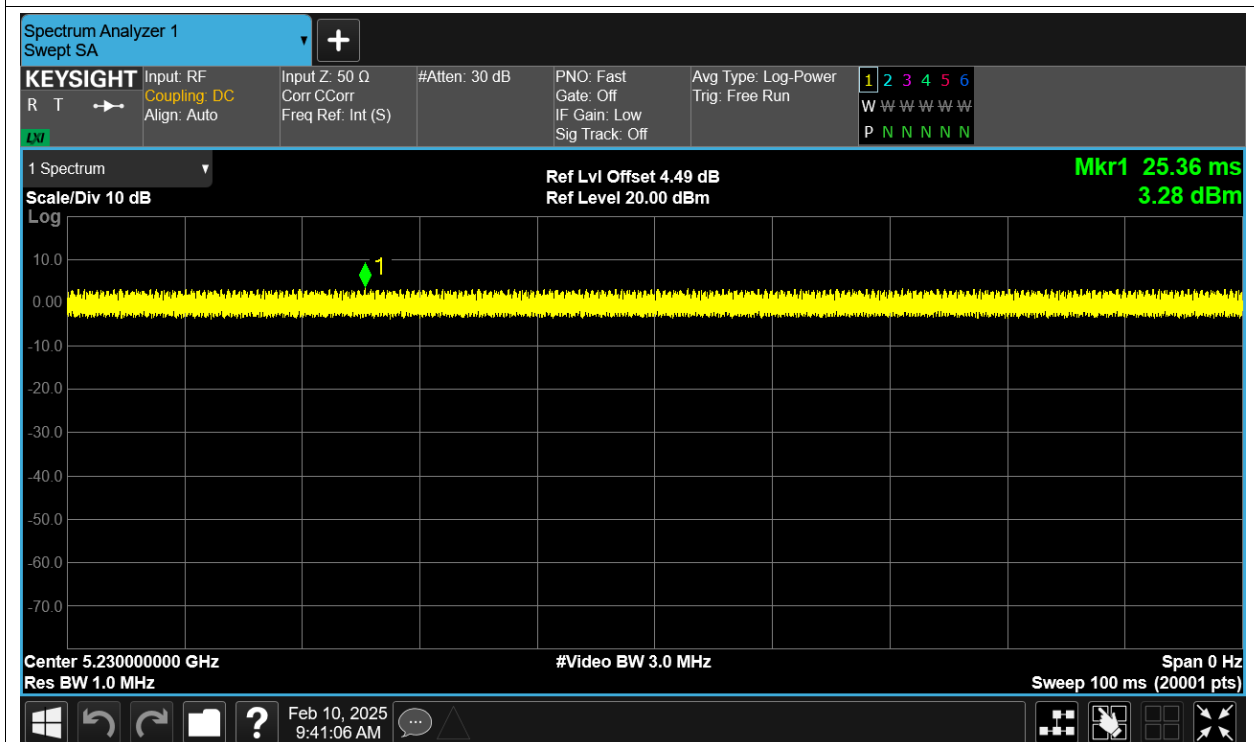
Duty Cycle NVNT ac20 5240MHz Ant1



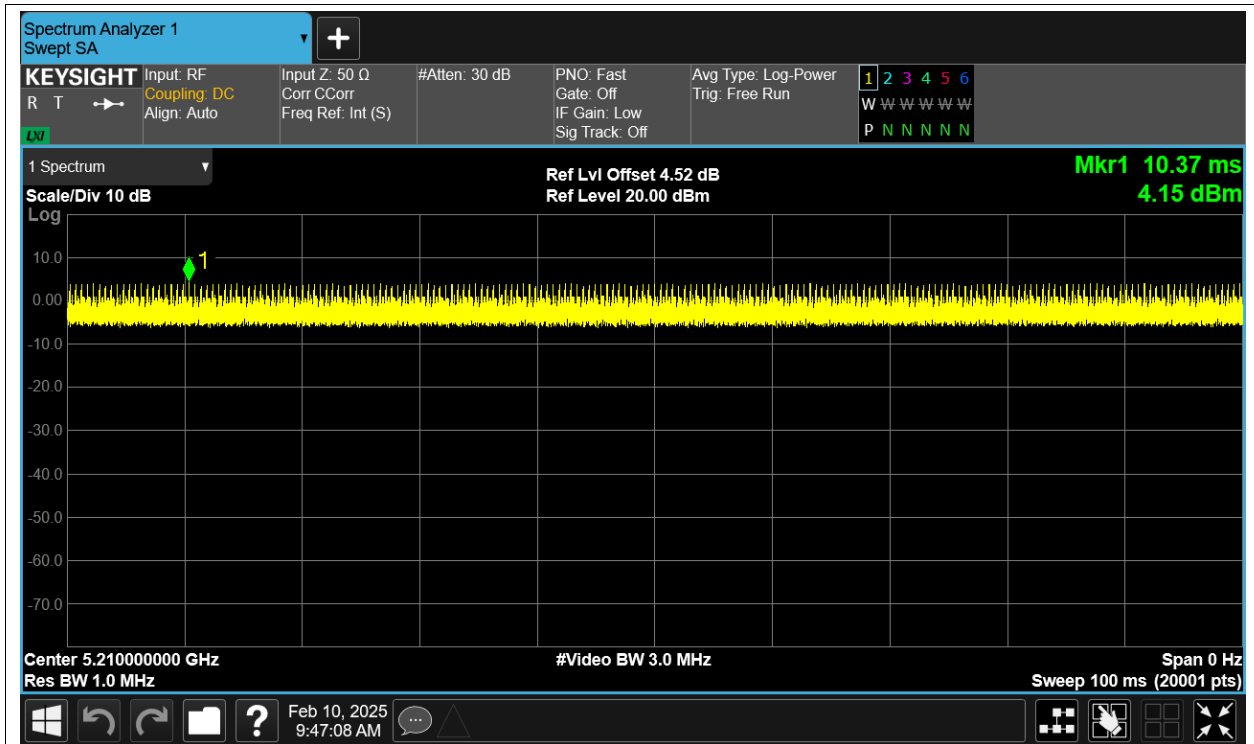
Duty Cycle NVNT ac40 5190MHz Ant1



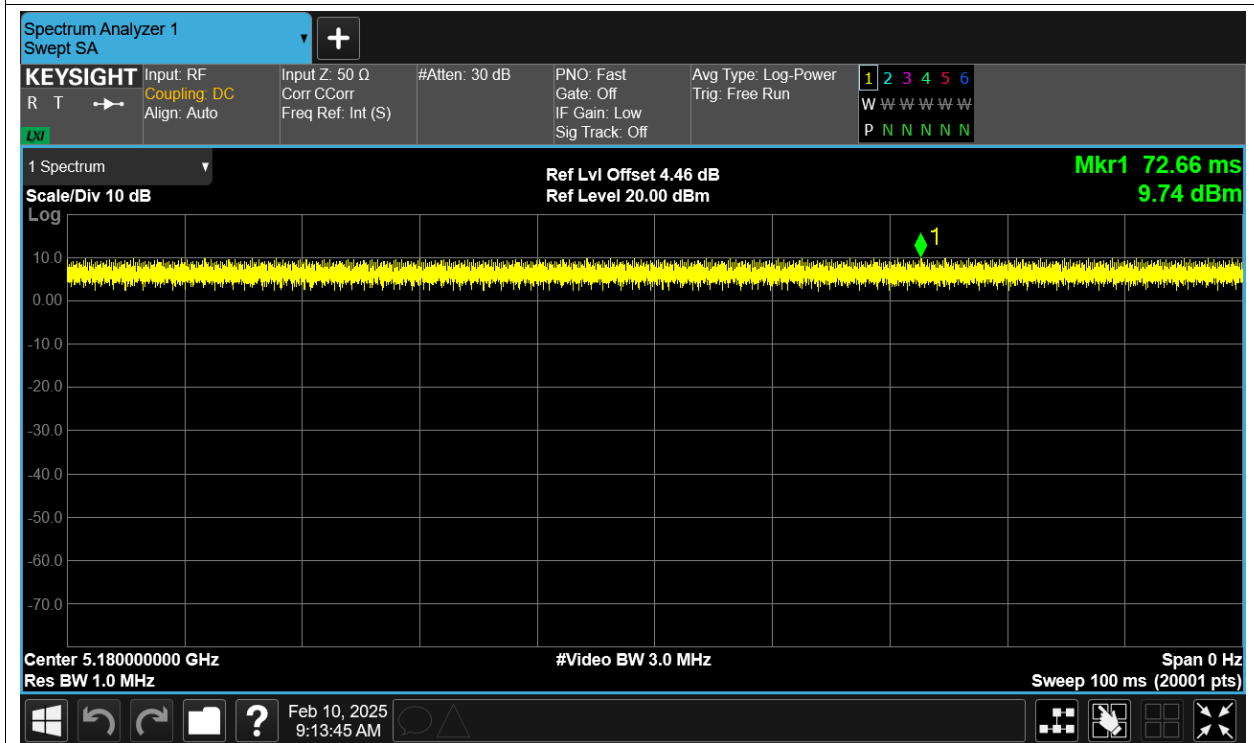
Duty Cycle NVNT ac40 5230MHz Ant1



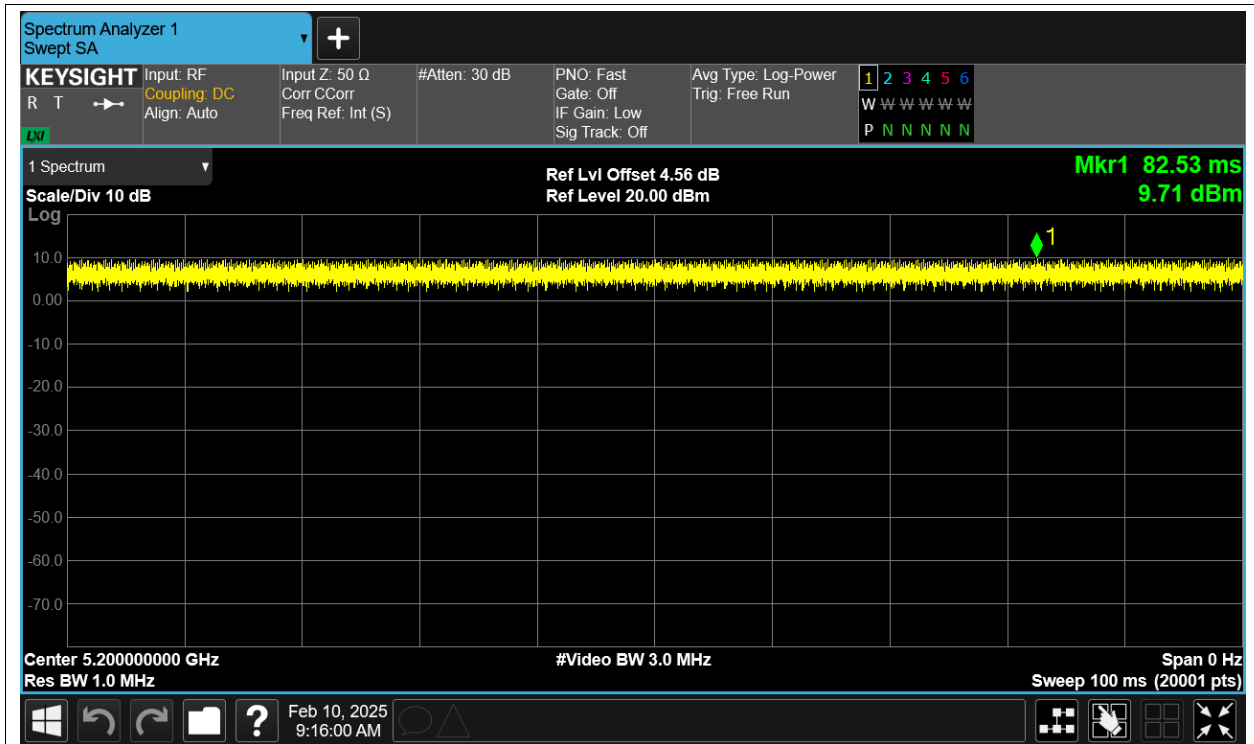
Duty Cycle NVNT ac80 5210MHz Ant1



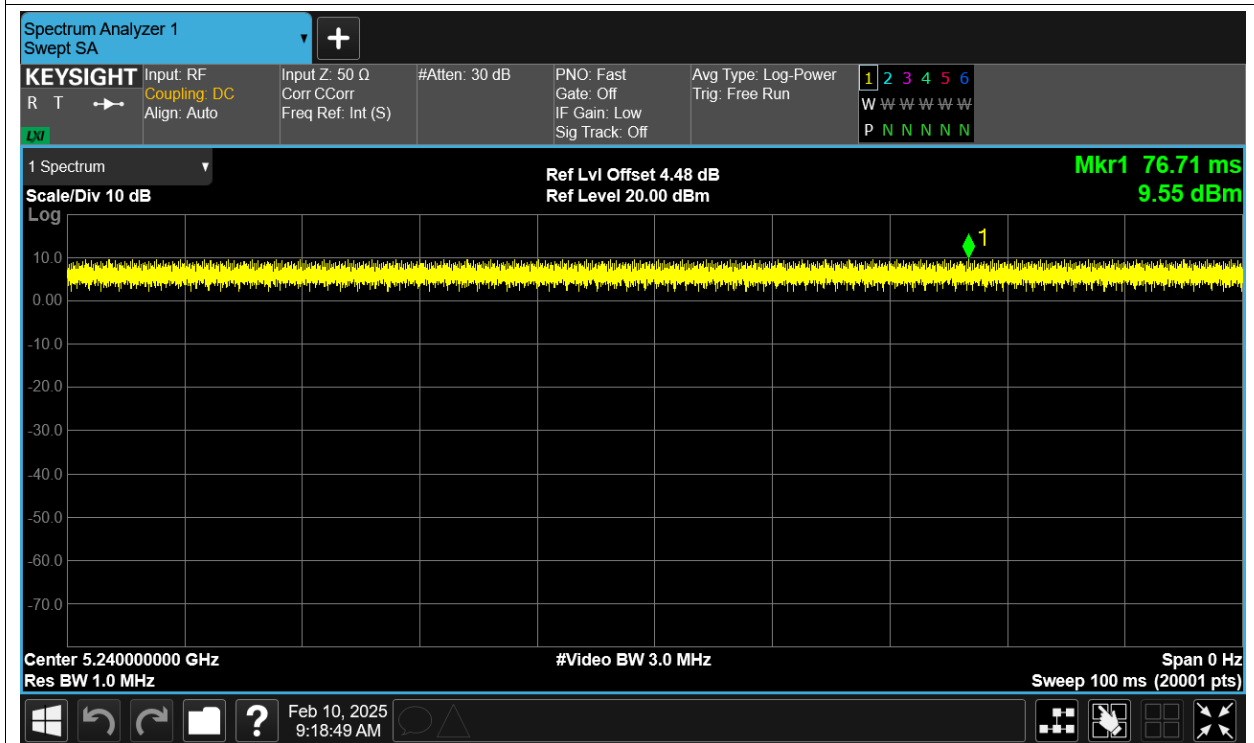
Duty Cycle NVNT n20 5180MHz Ant1



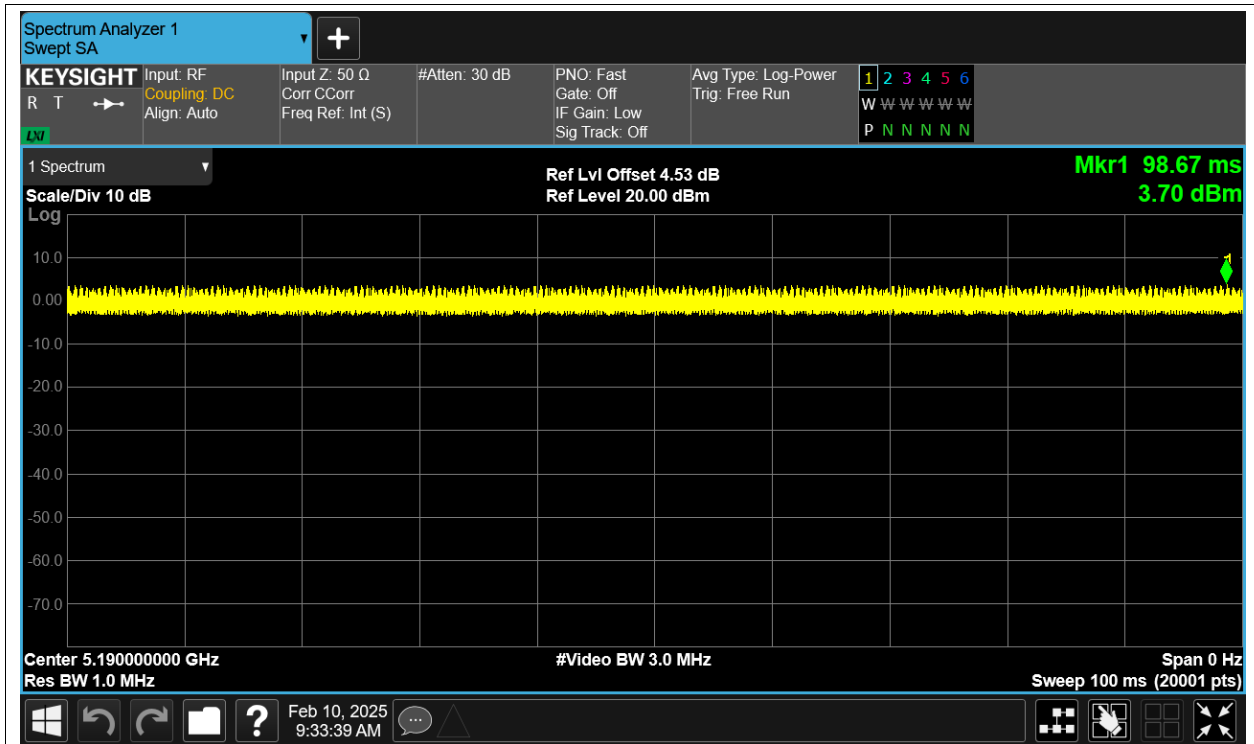
Duty Cycle NVNT n20 5200MHz Ant1



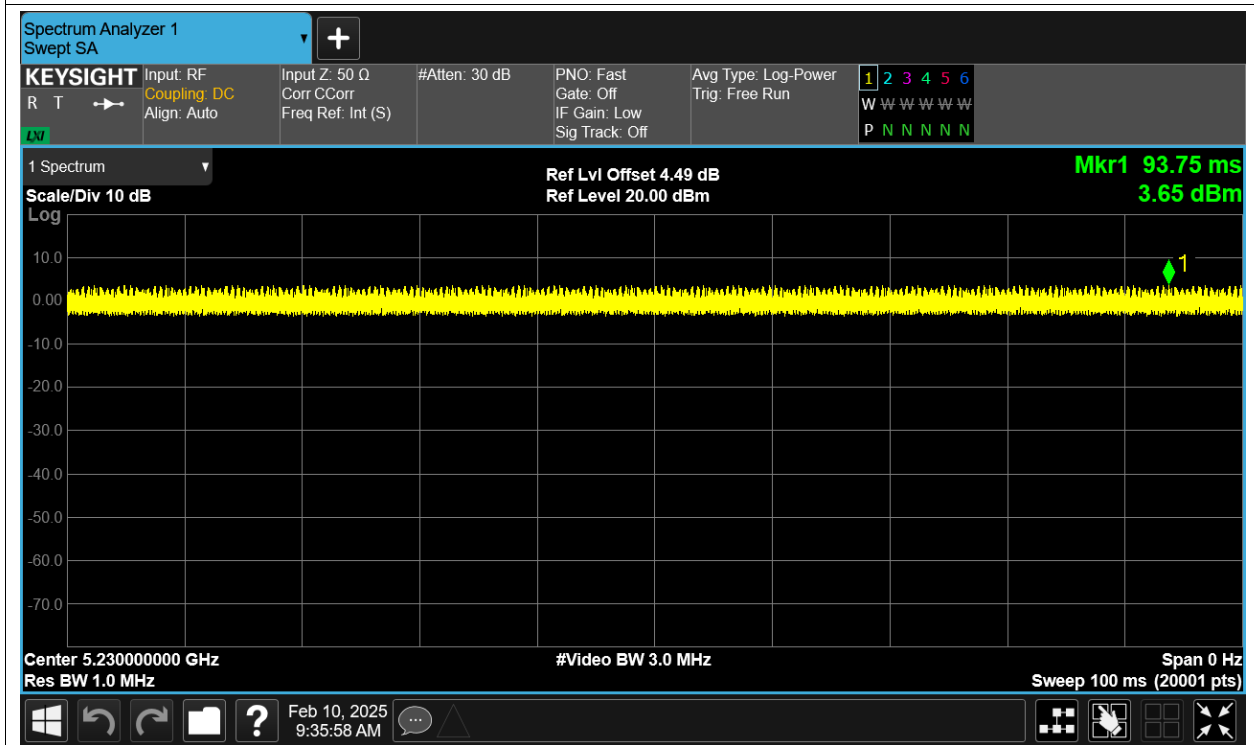
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1

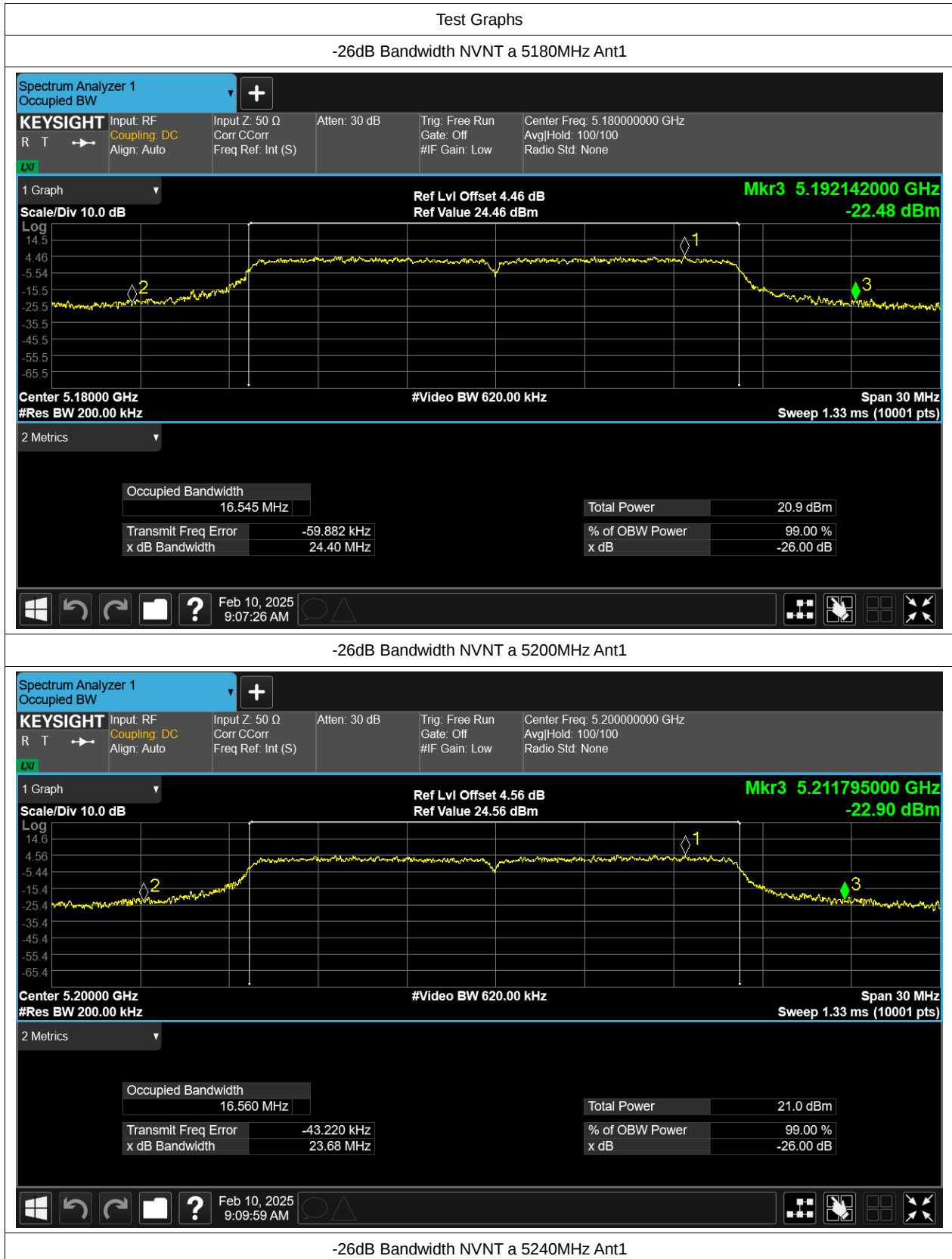


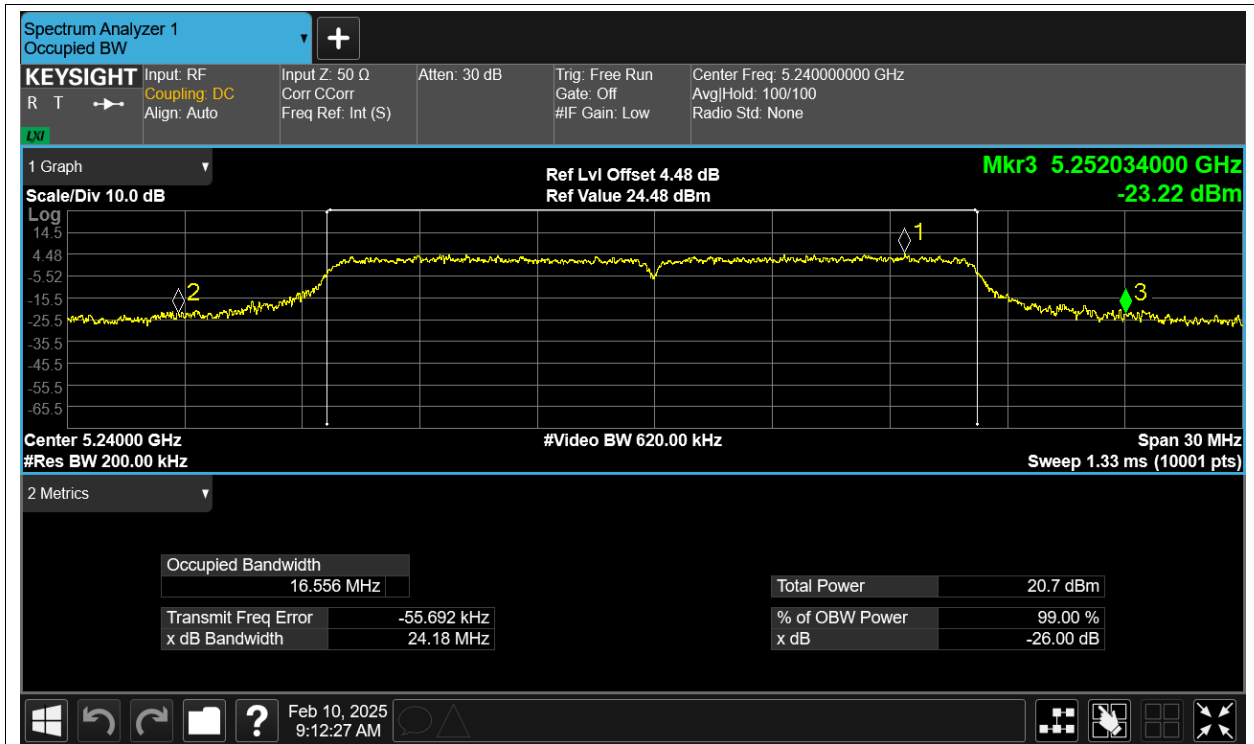
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	15.68	0	15.68	24	Pass
NVNT	a	5200	Ant1	15.38	0	15.38	24	Pass
NVNT	a	5240	Ant1	16.08	0	16.08	24	Pass
NVNT	ac20	5180	Ant1	14.92	0	14.92	24	Pass
NVNT	ac20	5200	Ant1	14.86	0	14.86	24	Pass
NVNT	ac20	5240	Ant1	15.53	0	15.53	24	Pass
NVNT	ac40	5190	Ant1	13.96	0	13.96	23	Pass
NVNT	ac40	5230	Ant1	14.36	0	14.36	24	Pass
NVNT	ac80	5210	Ant1	13.71	0	13.71	24	Pass
NVNT	n20	5180	Ant1	15.02	0	15.02	24	Pass
NVNT	n20	5200	Ant1	14.78	0	14.78	24	Pass
NVNT	n20	5240	Ant1	15.48	0	15.48	24	Pass
NVNT	n40	5190	Ant1	14.04	0	14.04	24	Pass
NVNT	n40	5230	Ant1	14.5	0	14.5	24	Pass

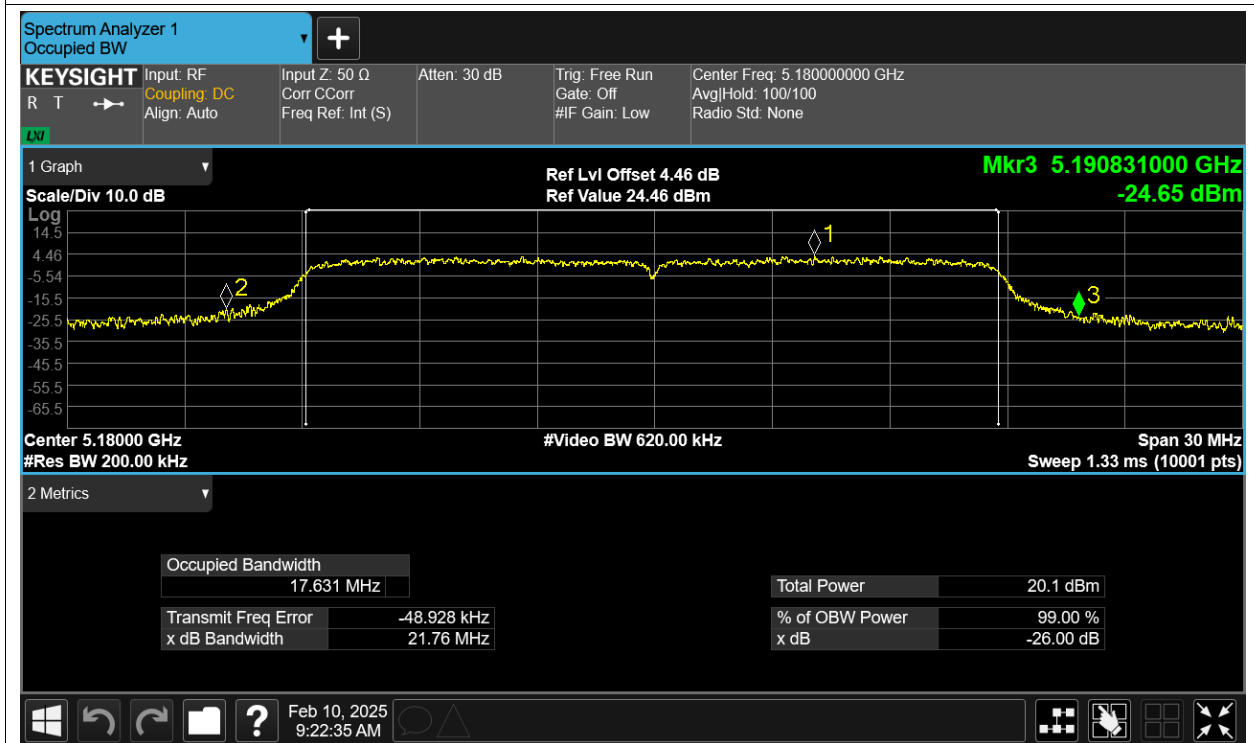
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	24.404
NVNT	a	5200	Ant1	23.677
NVNT	a	5240	Ant1	24.18
NVNT	ac20	5180	Ant1	21.76
NVNT	ac20	5200	Ant1	21.524
NVNT	ac20	5240	Ant1	22.41
NVNT	ac40	5190	Ant1	44.392
NVNT	ac40	5230	Ant1	39.858
NVNT	ac80	5210	Ant1	90.385
NVNT	n20	5180	Ant1	22.388
NVNT	n20	5200	Ant1	21.838
NVNT	n20	5240	Ant1	21.551
NVNT	n40	5190	Ant1	45.937
NVNT	n40	5230	Ant1	40.247

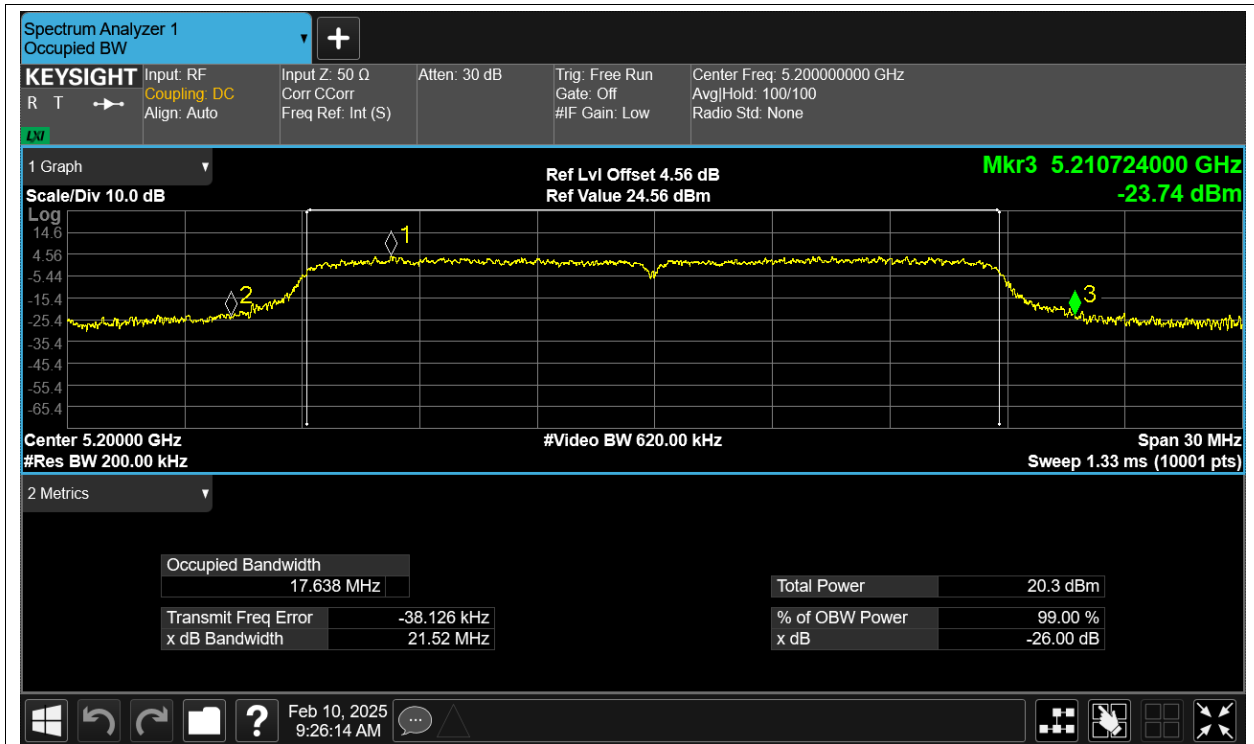




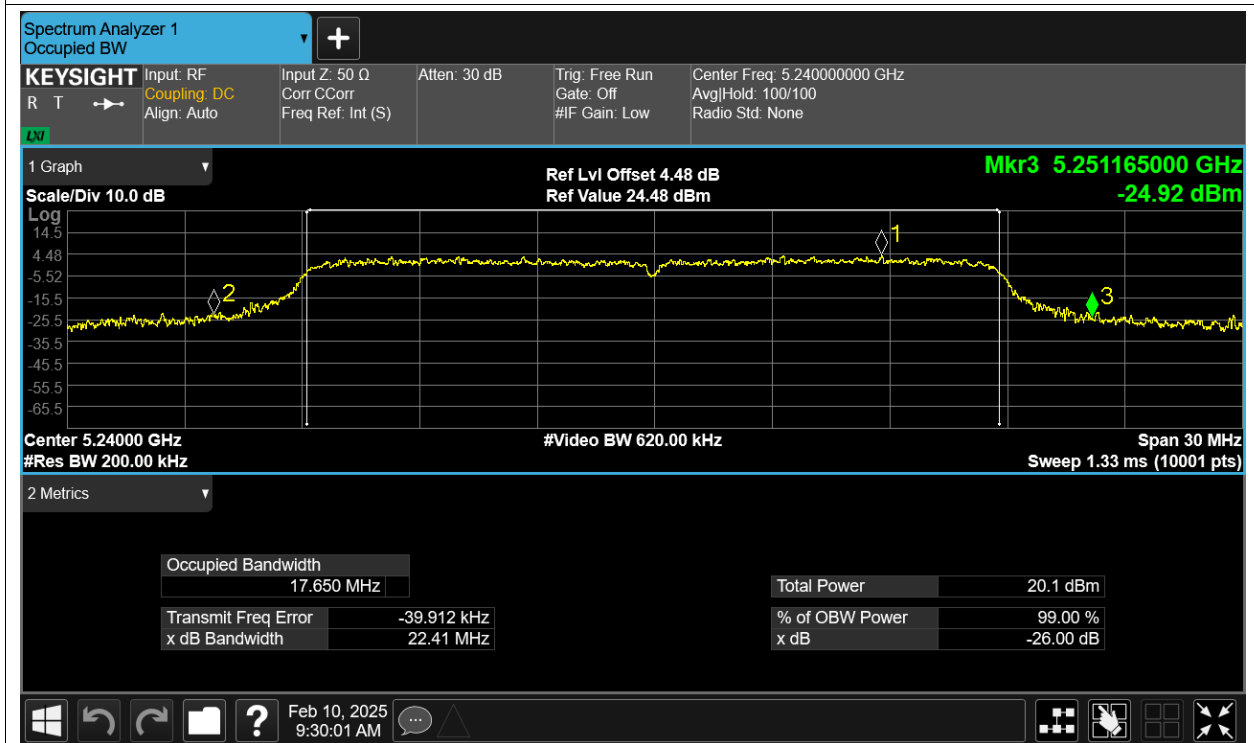
-26dB Bandwidth NVNT ac20 5180MHz Ant1



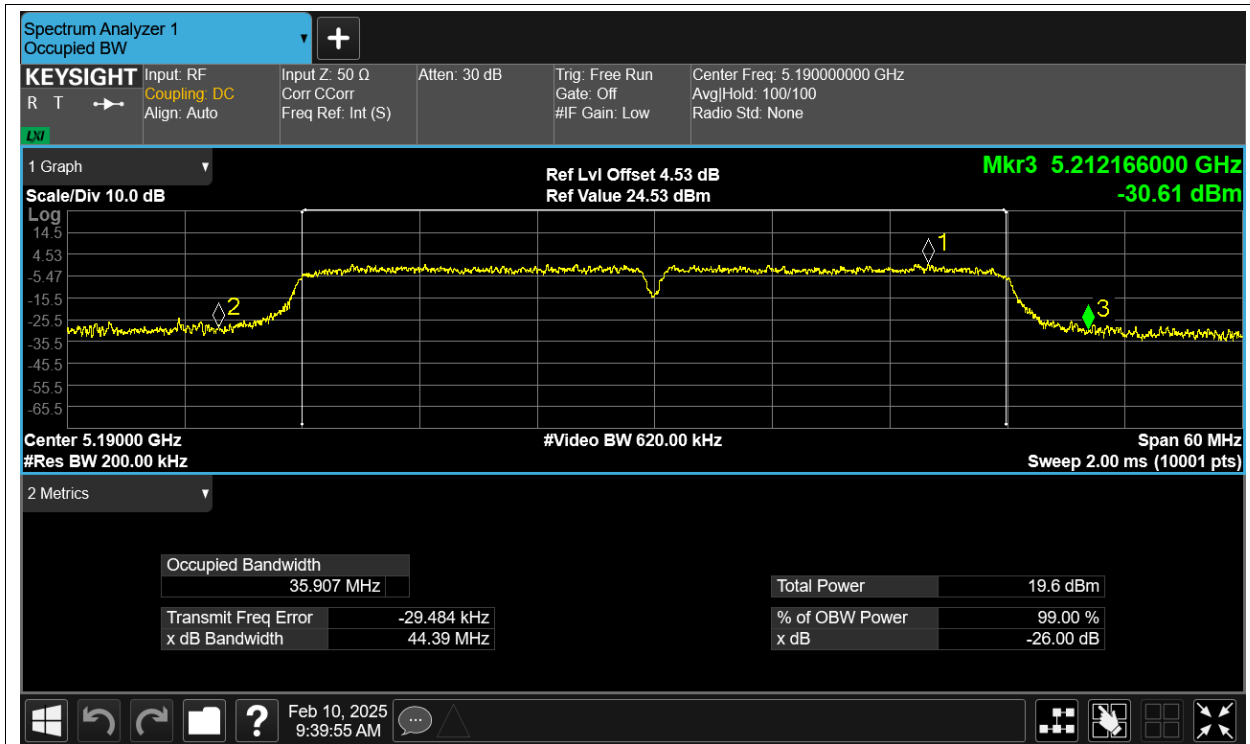
-26dB Bandwidth NVNT ac20 5200MHz Ant1



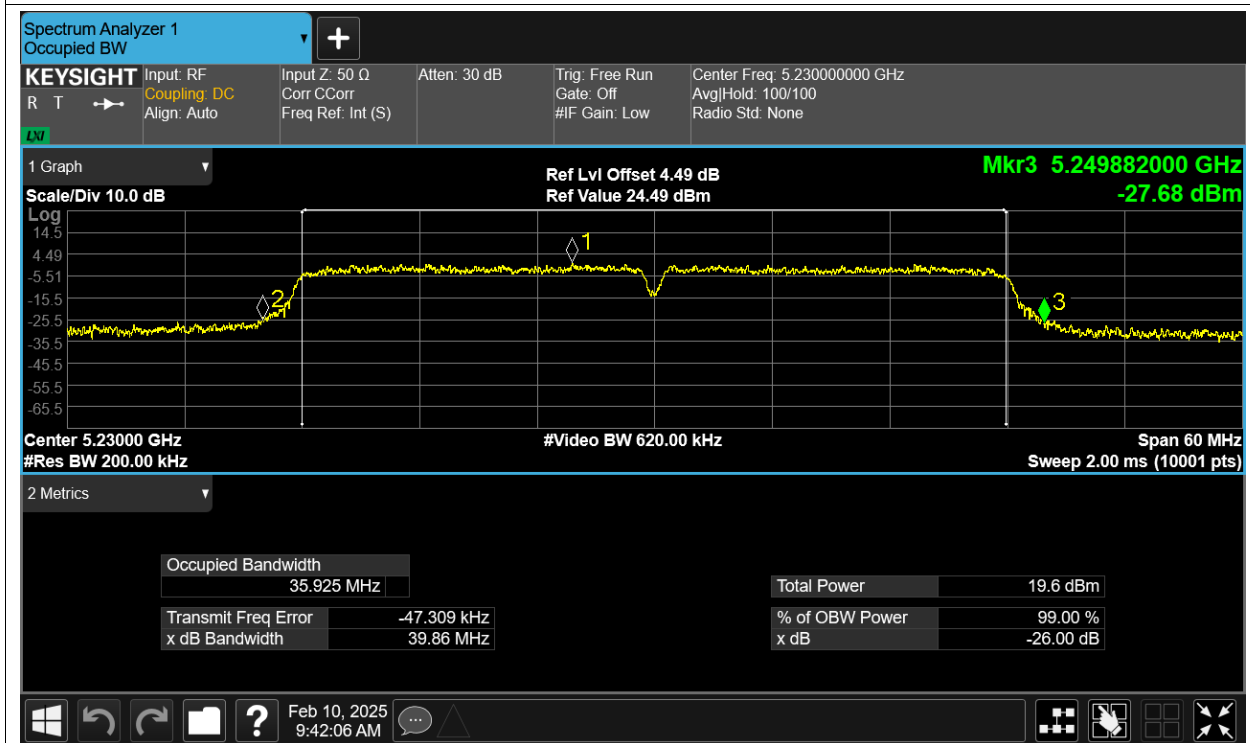
-26dB Bandwidth NVNT ac20 5240MHz Ant1



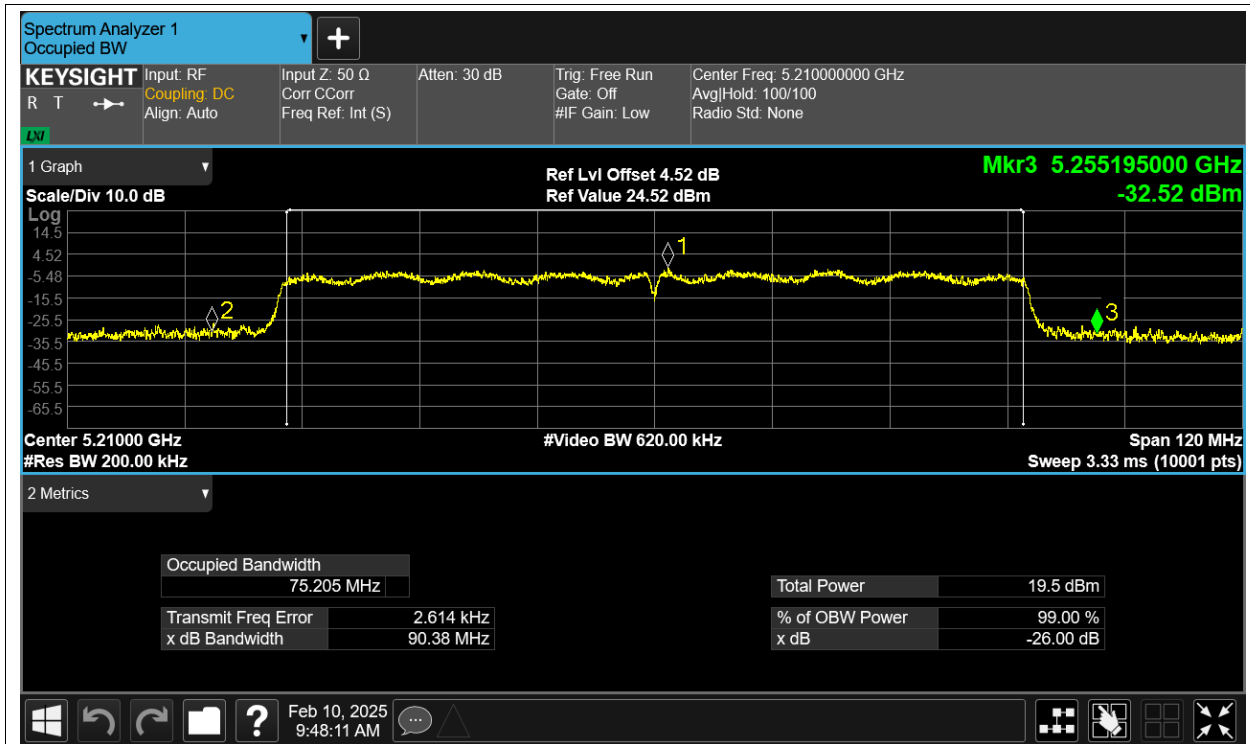
-26dB Bandwidth NVNT ac40 5190MHz Ant1



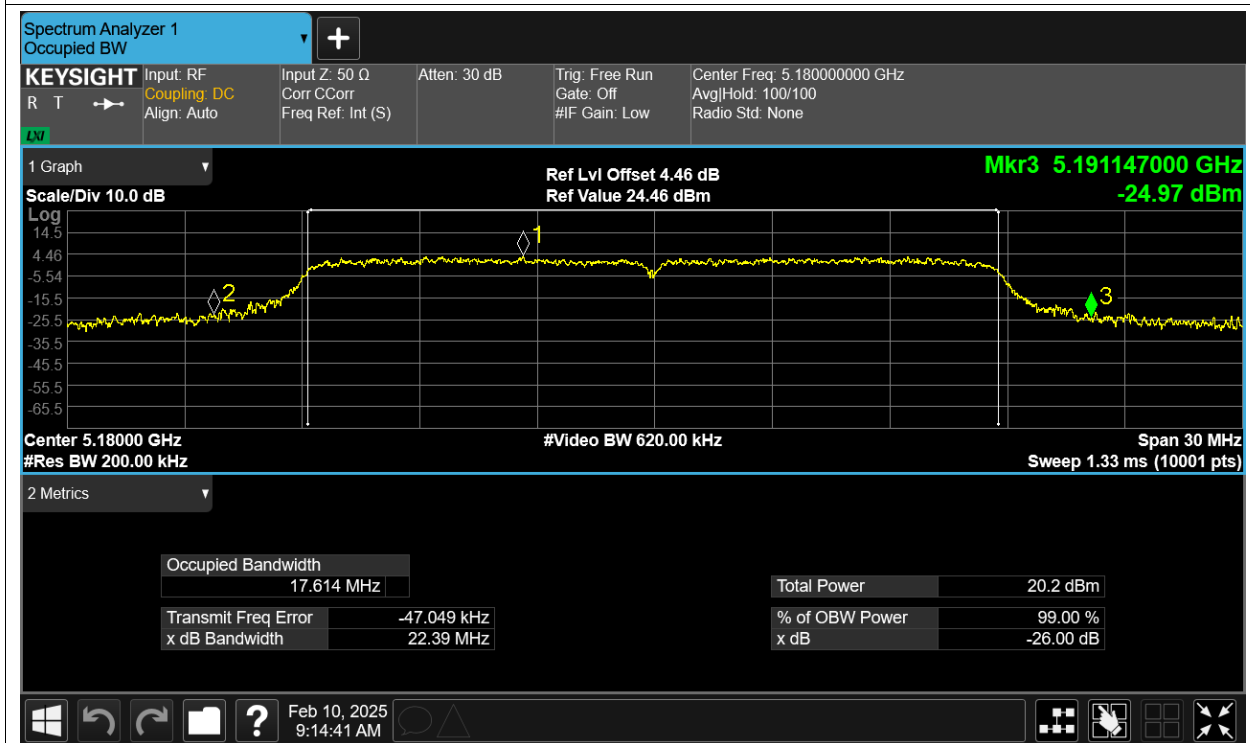
-26dB Bandwidth NVNT ac40 5230MHz Ant1



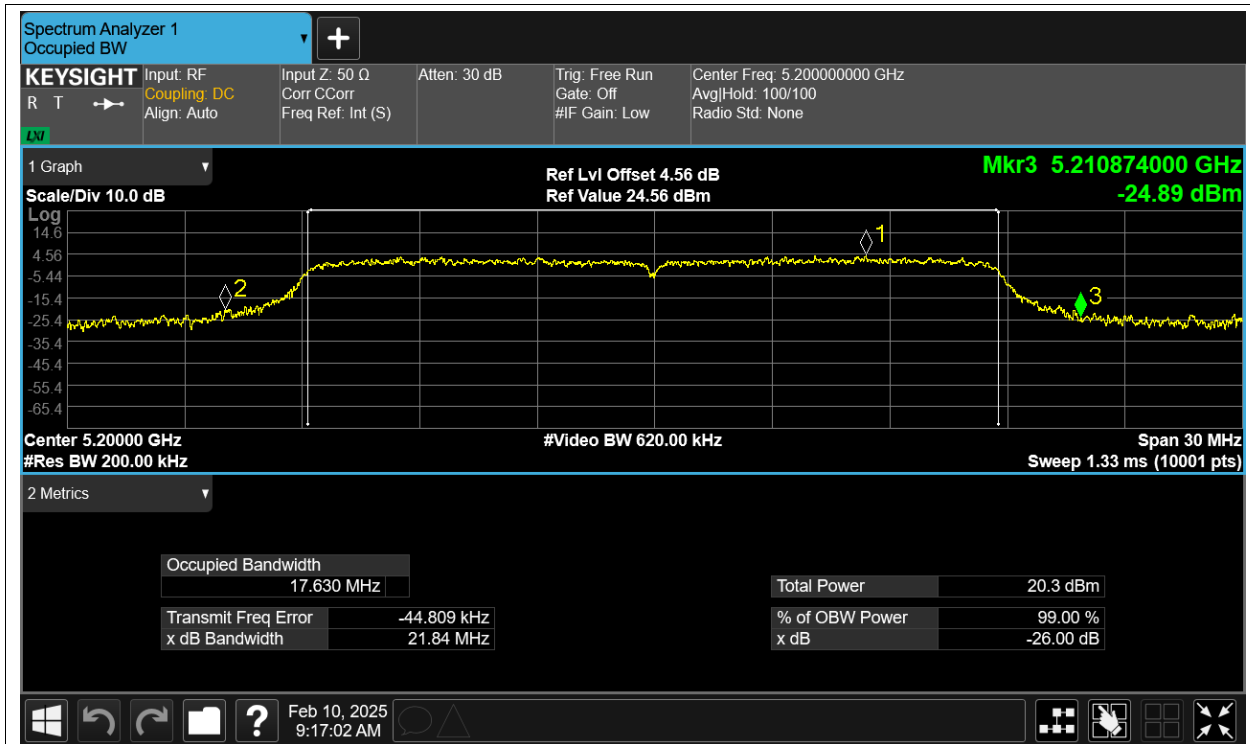
-26dB Bandwidth NVNT ac80 5210MHz Ant1



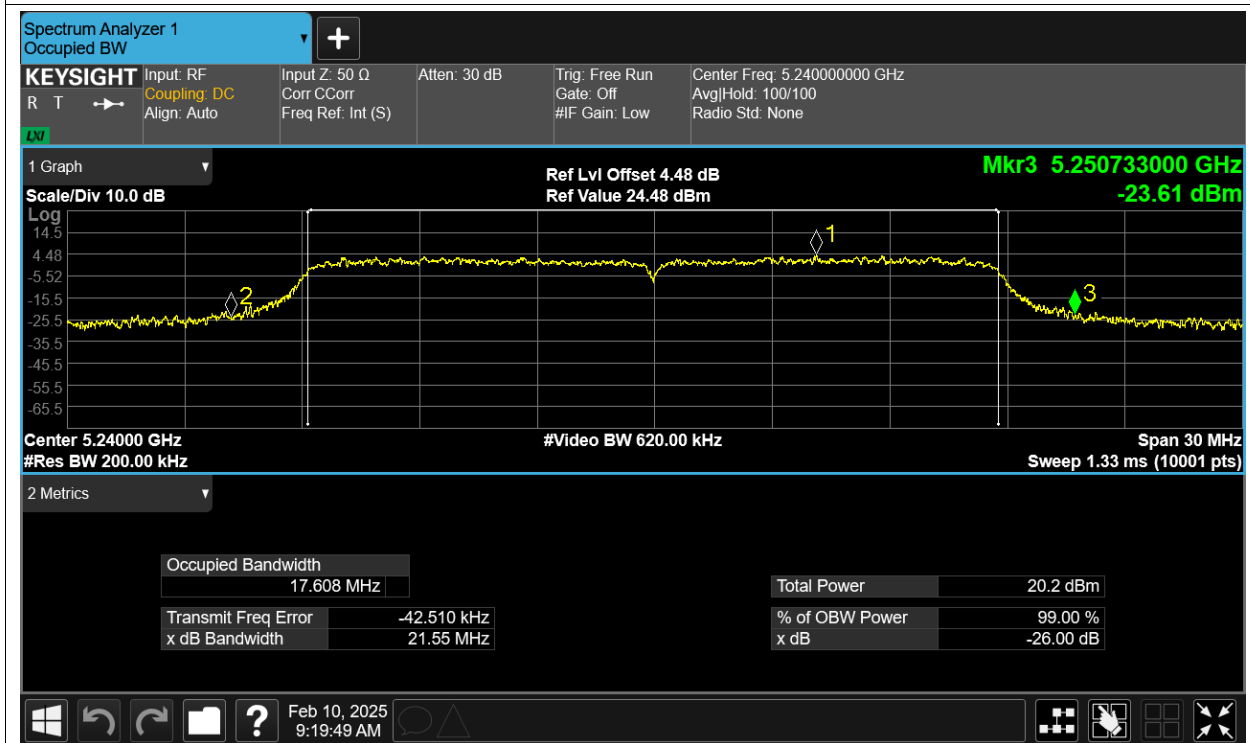
-26dB Bandwidth NVNT n20 5180MHz Ant1



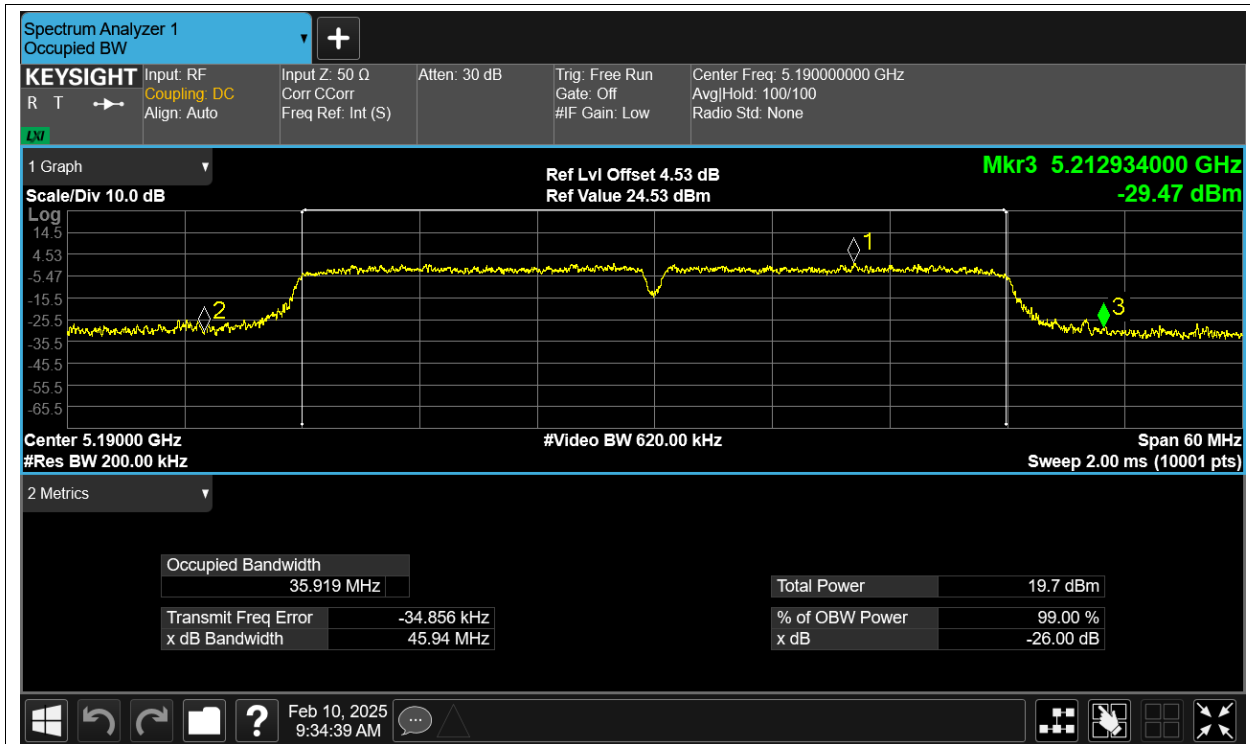
-26dB Bandwidth NVNT n20 5200MHz Ant1



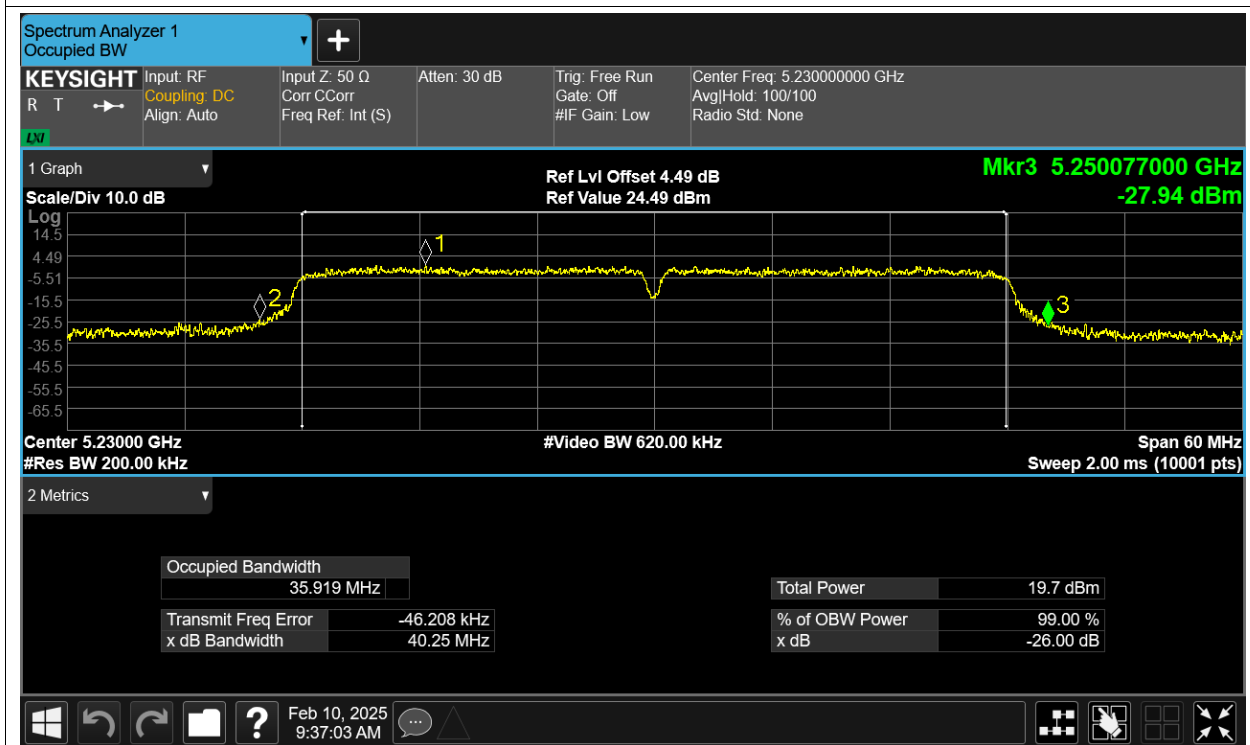
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

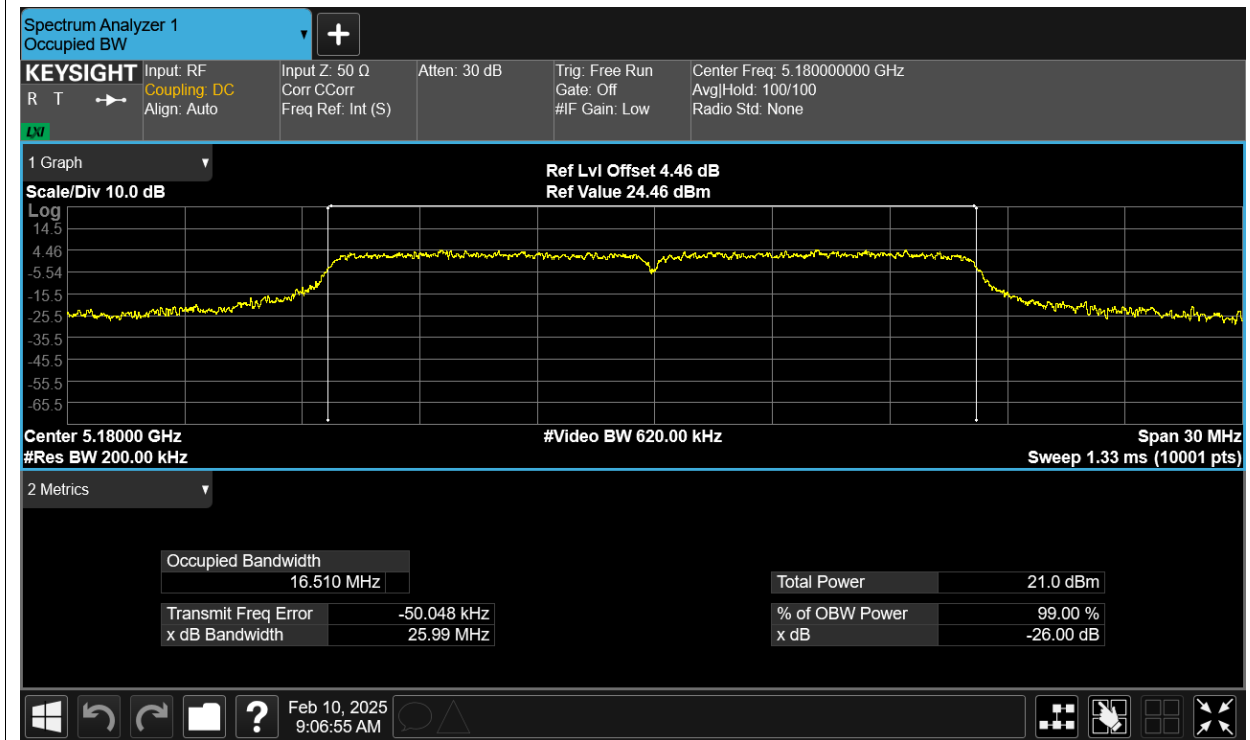


Occupied Channel Bandwidth

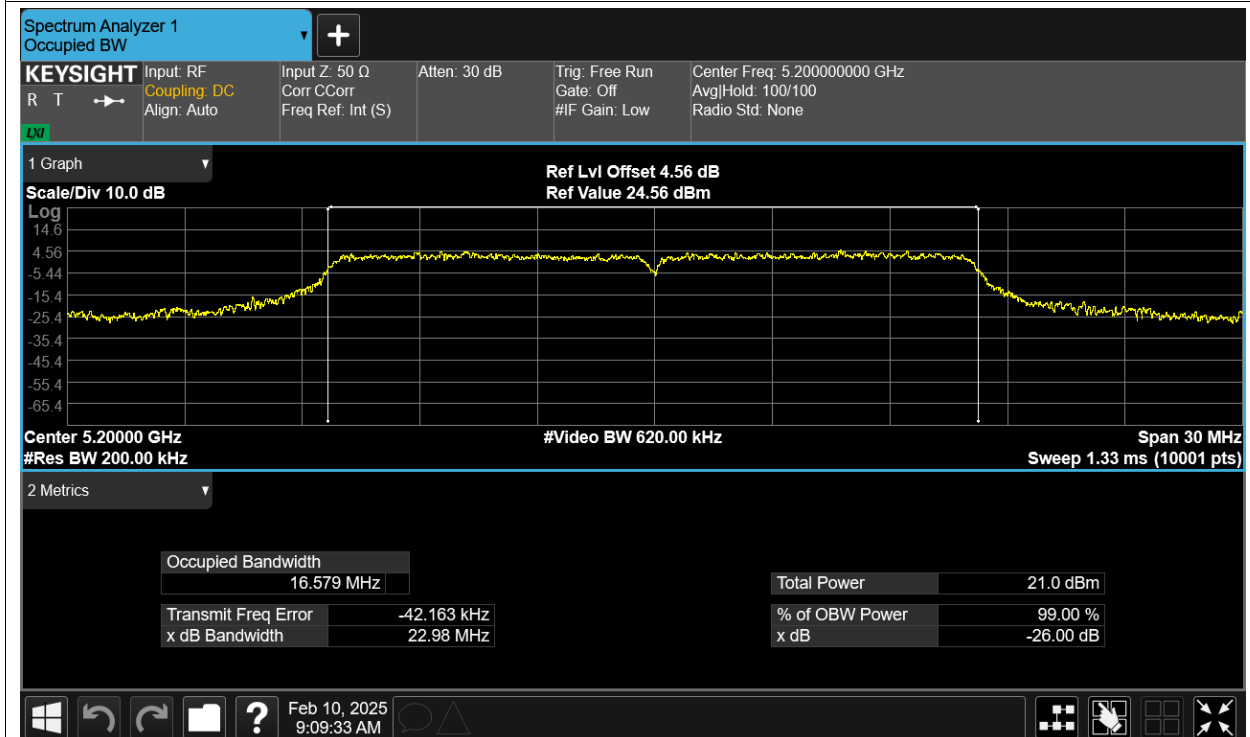
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.51
NVNT	a	5200	Ant1	16.579
NVNT	a	5240	Ant1	16.525
NVNT	ac20	5180	Ant1	17.62
NVNT	ac20	5200	Ant1	17.653
NVNT	ac20	5240	Ant1	17.619
NVNT	ac40	5190	Ant1	35.977
NVNT	ac40	5230	Ant1	35.988
NVNT	ac80	5210	Ant1	75.2
NVNT	n20	5180	Ant1	17.62
NVNT	n20	5200	Ant1	17.609
NVNT	n20	5240	Ant1	17.603
NVNT	n40	5190	Ant1	36.011
NVNT	n40	5230	Ant1	36.011

Test Graphs

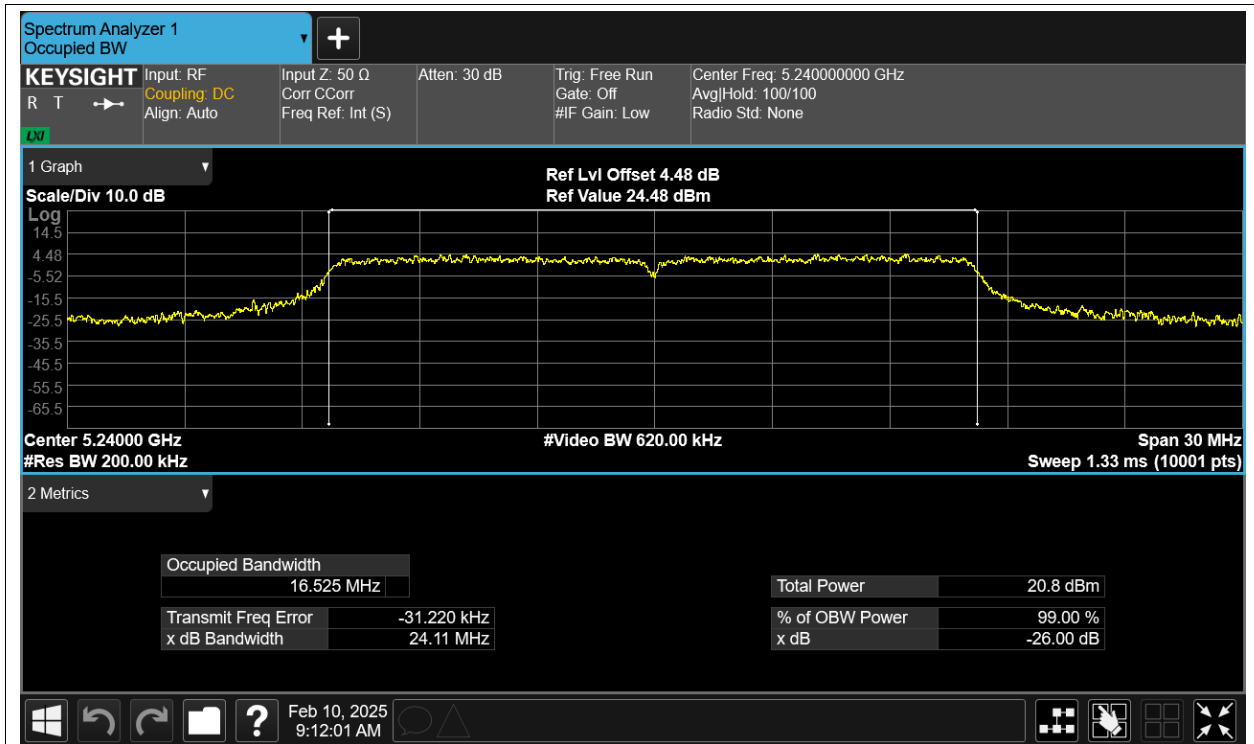
OBW NVNT a 5180MHz Ant1



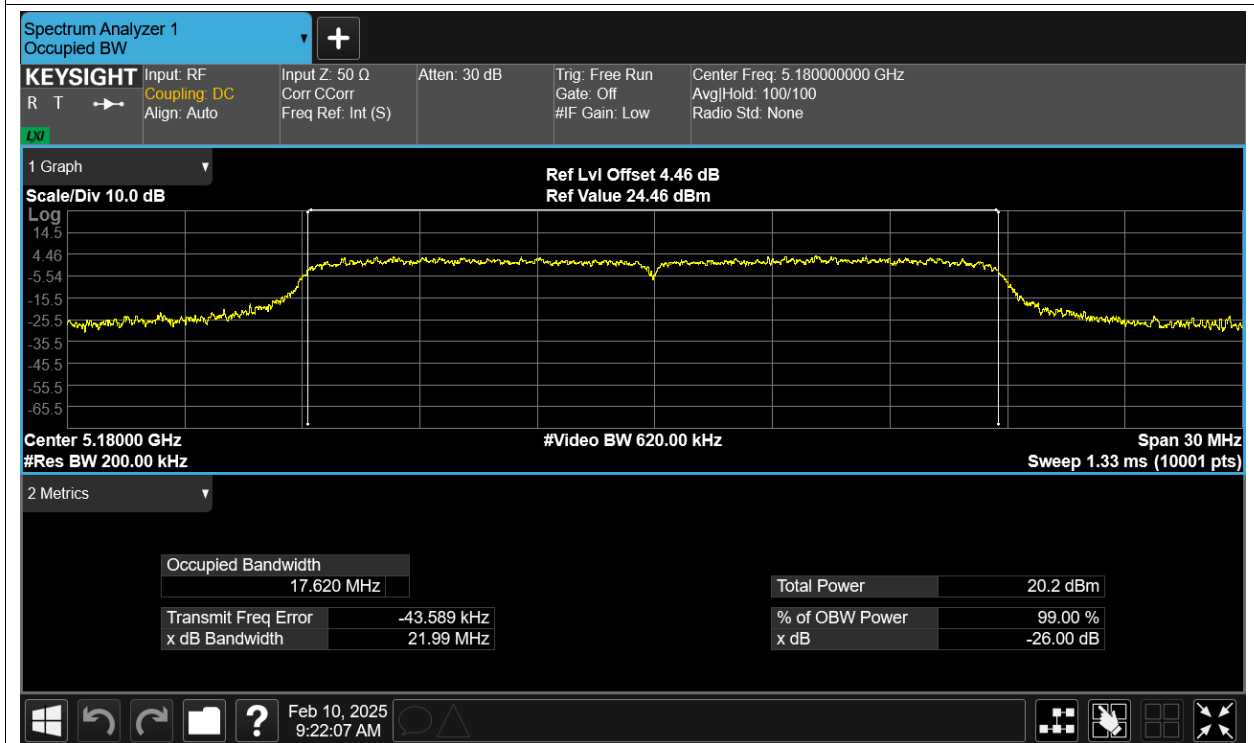
OBW NVNT a 5200MHz Ant1



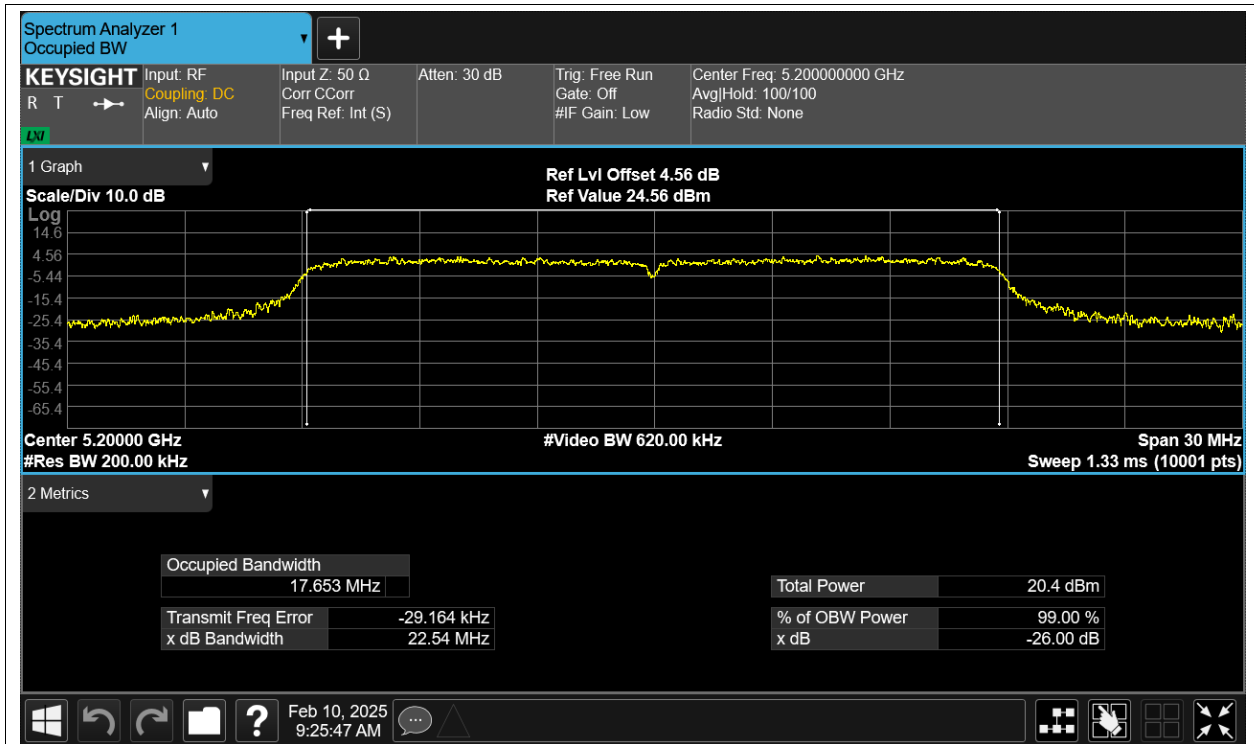
OBW NVNT a 5240MHz Ant1



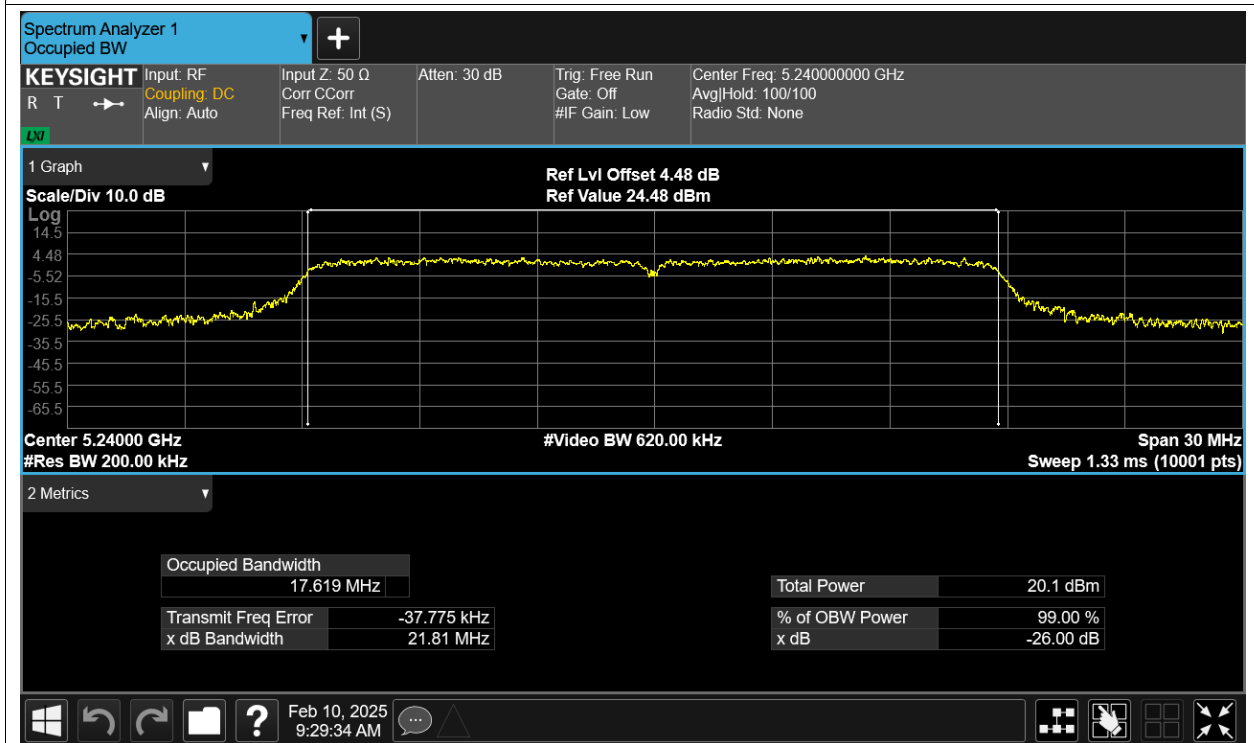
OBW NVNT ac20 5180MHz Ant1



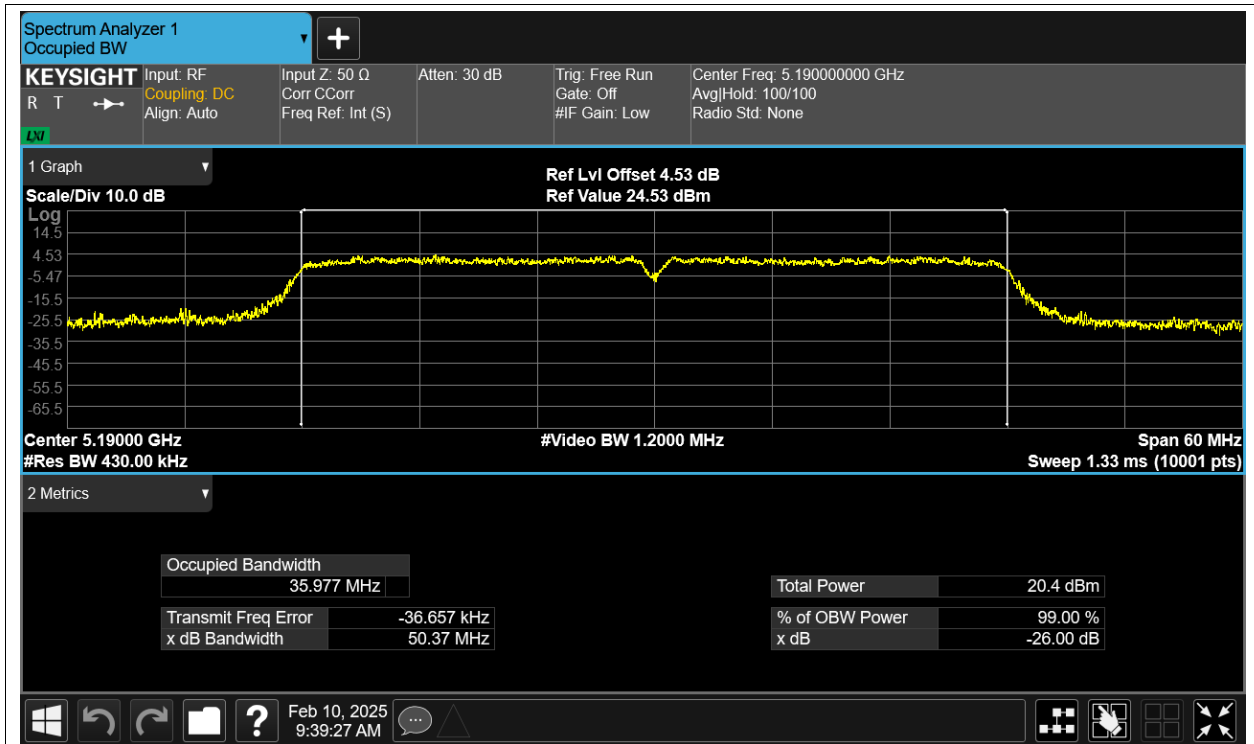
OBW NVNT ac20 5200MHz Ant1



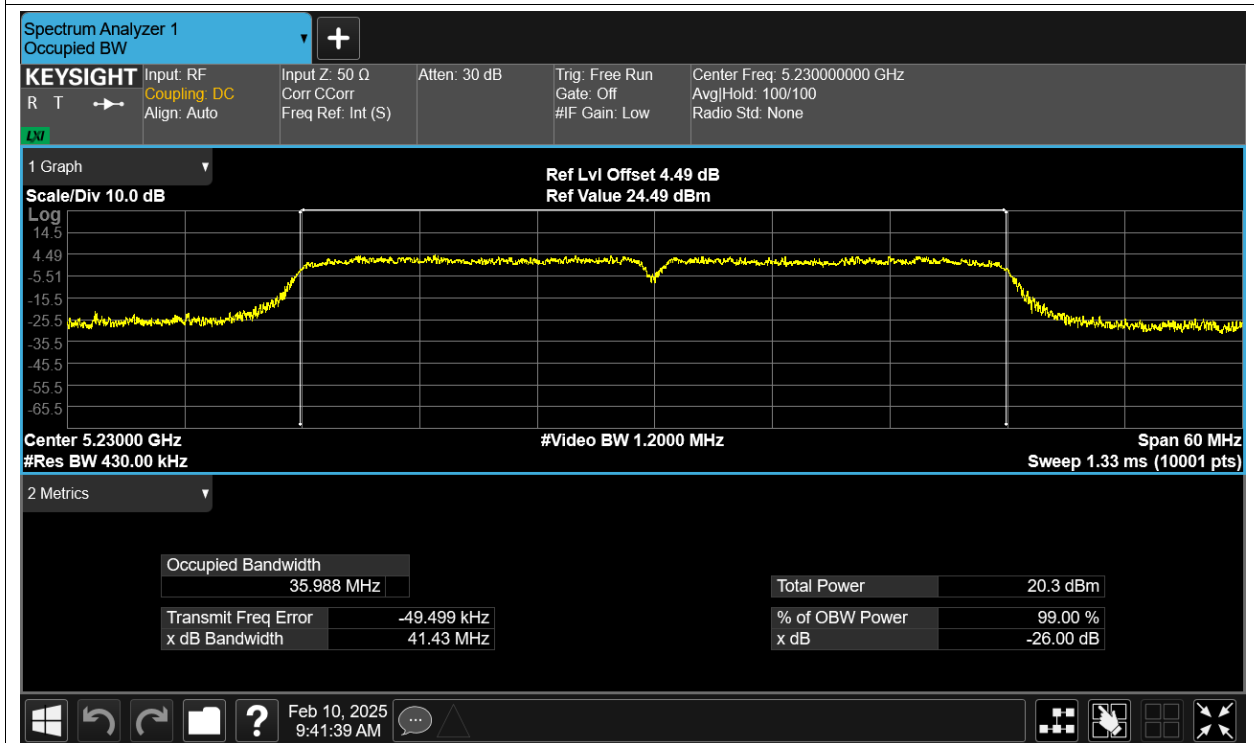
OBW NVNT ac20 5240MHz Ant1



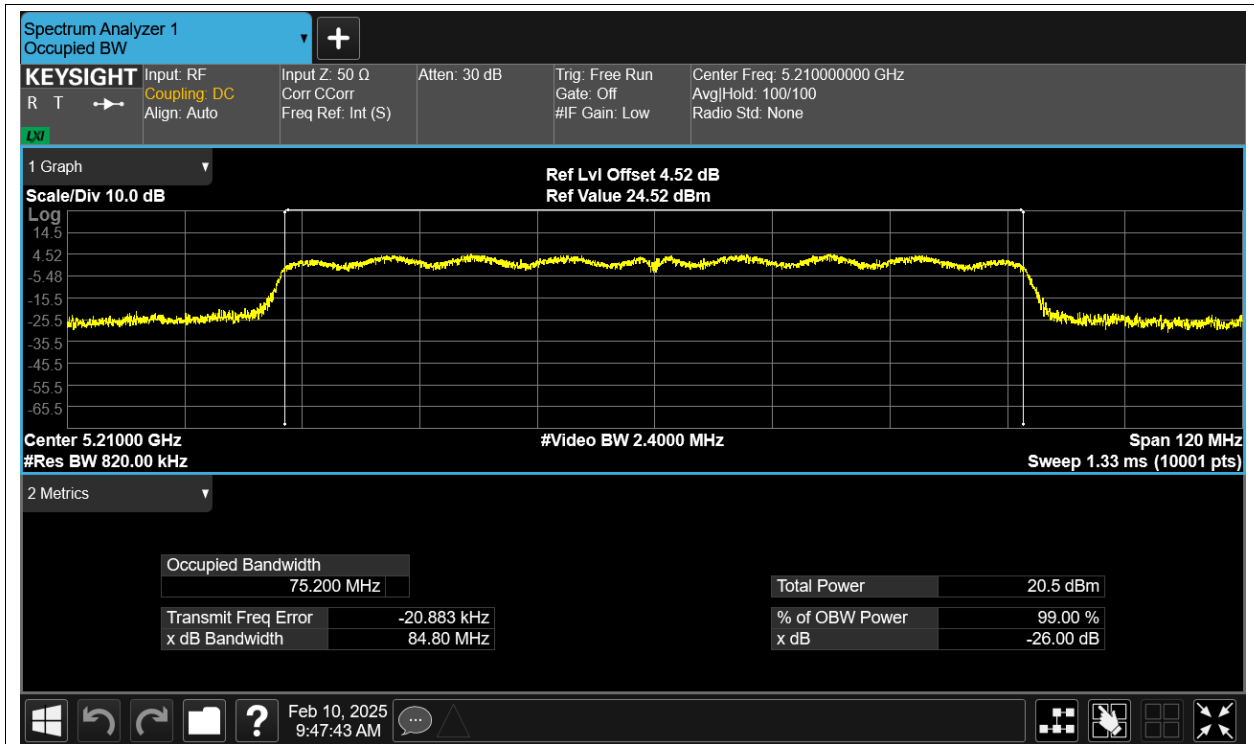
OBW NVNT ac40 5190MHz Ant1



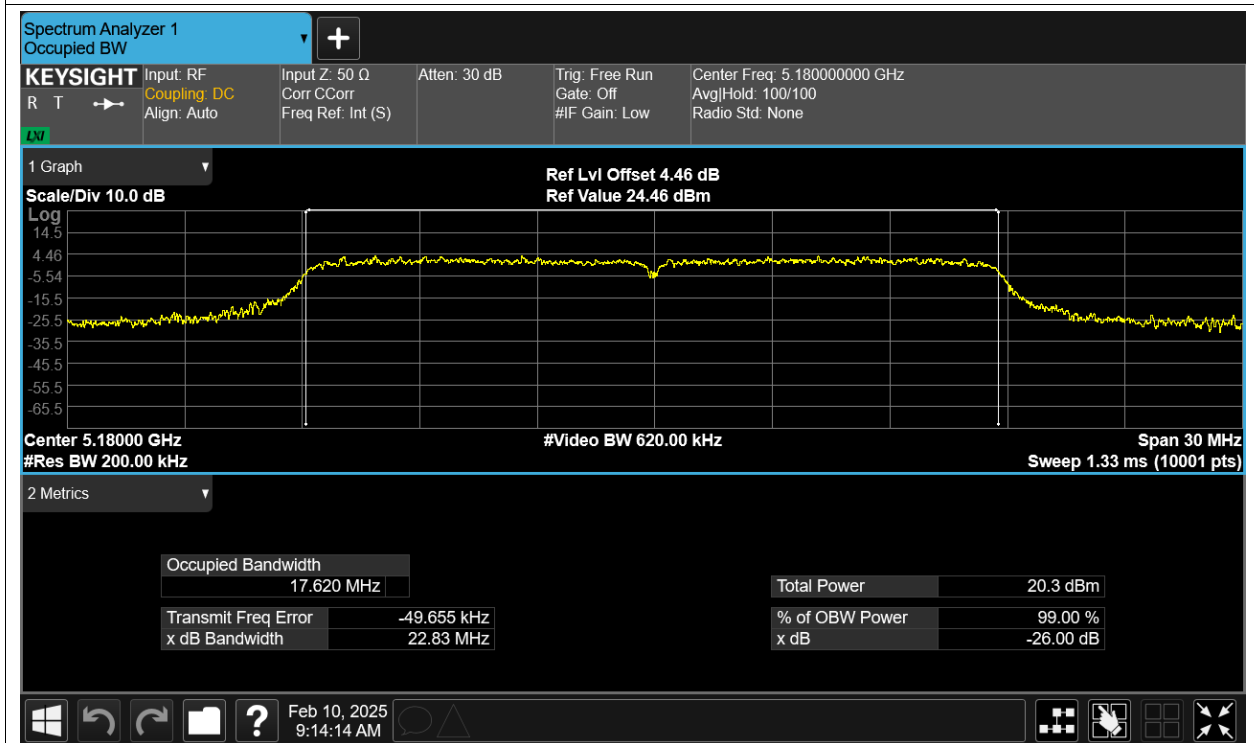
OBW NVNT ac40 5230MHz Ant1



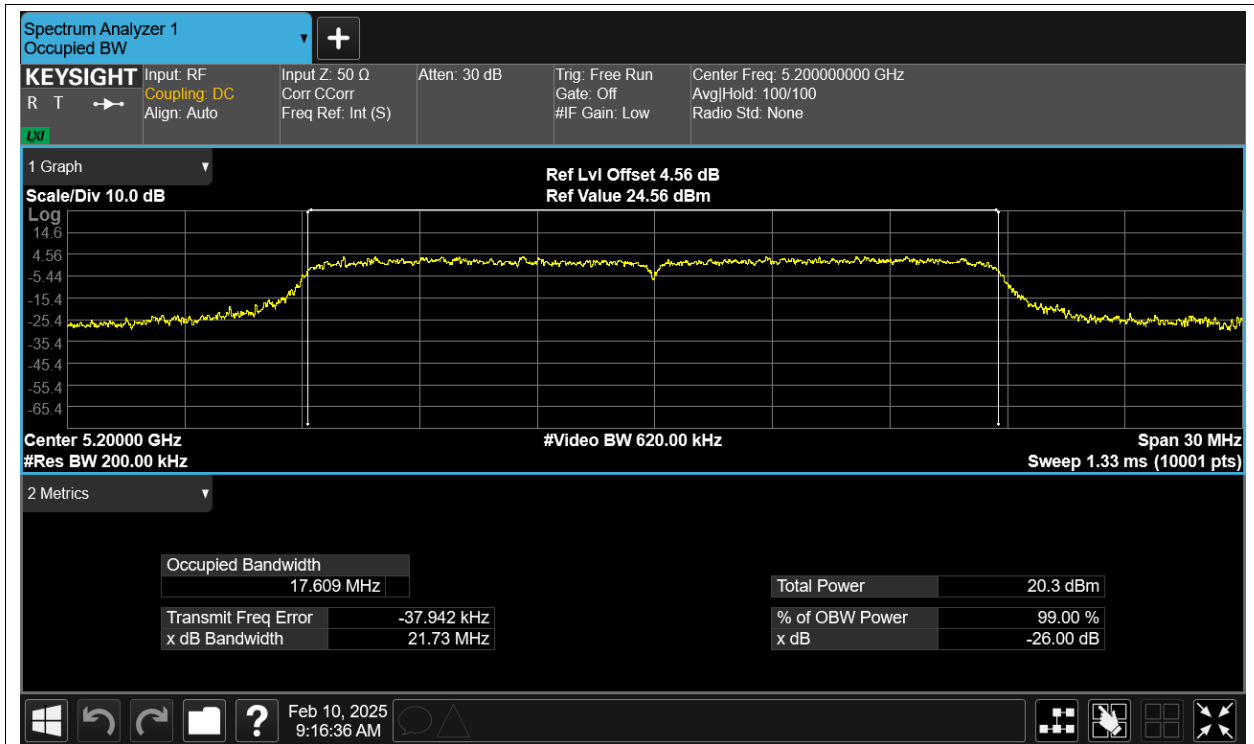
OBW NVNT ac80 5210MHz Ant1



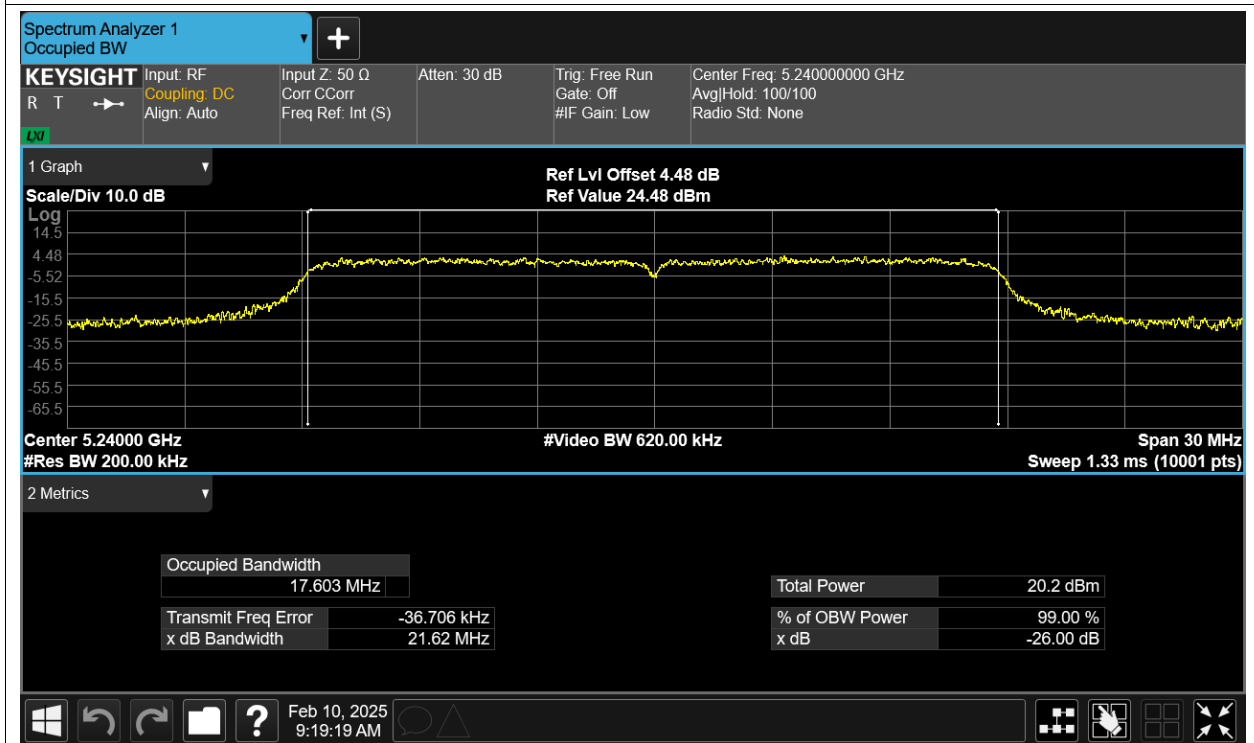
OBW NVNT n20 5180MHz Ant1



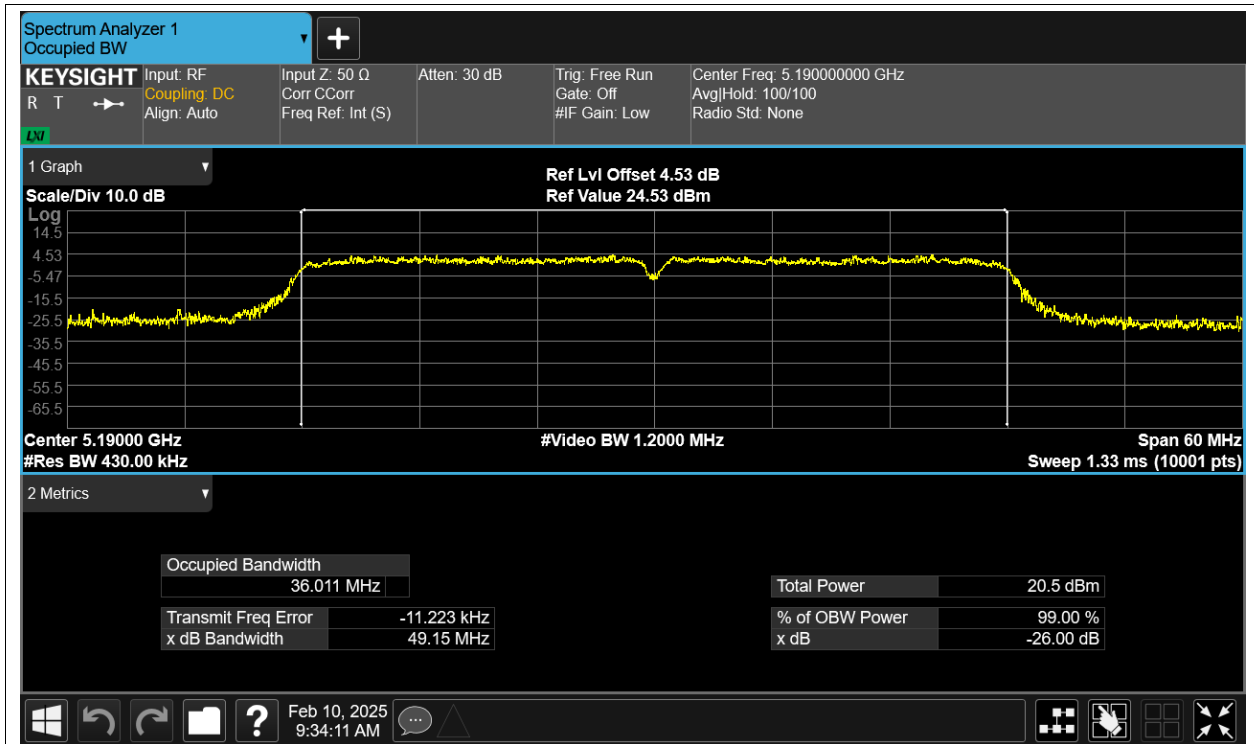
OBW NVNT n20 5200MHz Ant1



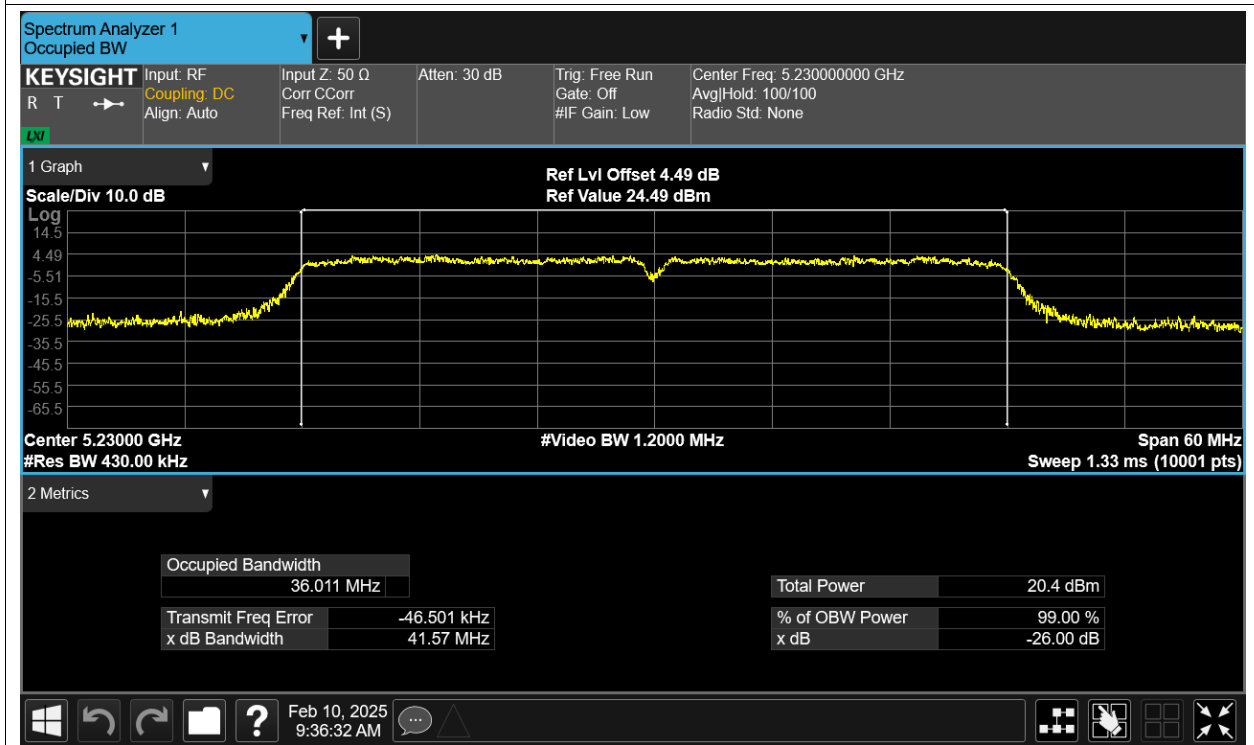
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

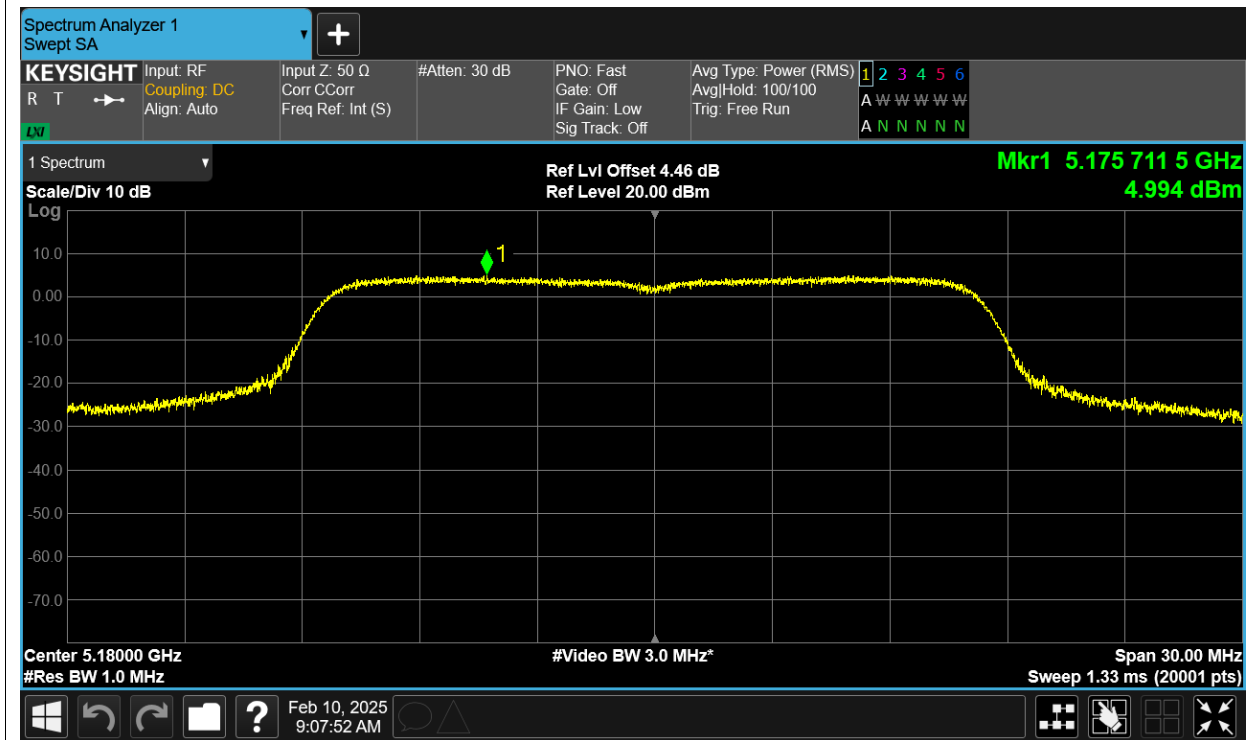


Maximum Power Spectral Density Level

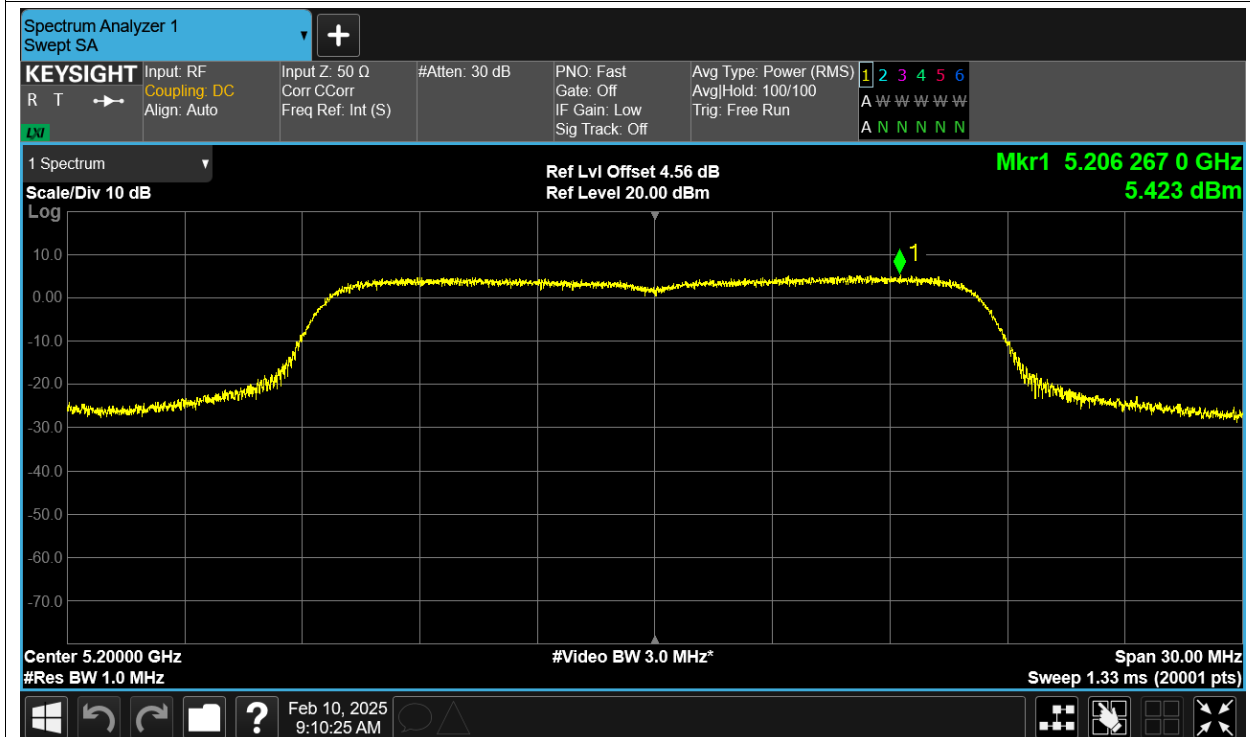
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	4.994	11	Pass
NVNT	a	5200	Ant1	5.423	11	Pass
NVNT	a	5240	Ant1	5.144	11	Pass
NVNT	ac20	5180	Ant1	4.362	11	Pass
NVNT	ac20	5200	Ant1	4.454	11	Pass
NVNT	ac20	5240	Ant1	4.296	11	Pass
NVNT	ac40	5190	Ant1	0.846	11	Pass
NVNT	ac40	5230	Ant1	1.059	11	Pass
NVNT	ac80	5210	Ant1	-1.57	11	Pass
NVNT	n20	5180	Ant1	4.415	11	Pass
NVNT	n20	5200	Ant1	4.332	11	Pass
NVNT	n20	5240	Ant1	4.369	11	Pass
NVNT	n40	5190	Ant1	1.114	11	Pass
NVNT	n40	5230	Ant1	1.2	11	Pass

Test Graphs

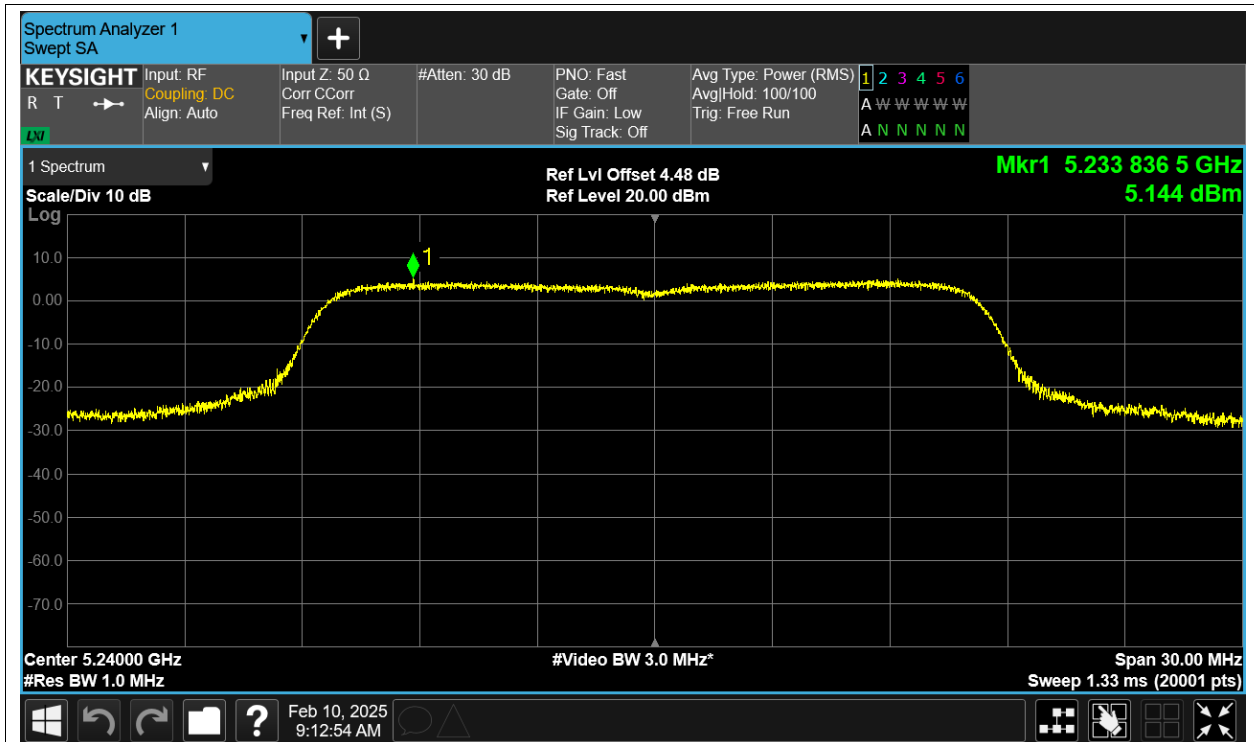
PSD NVNT a 5180MHz Ant1



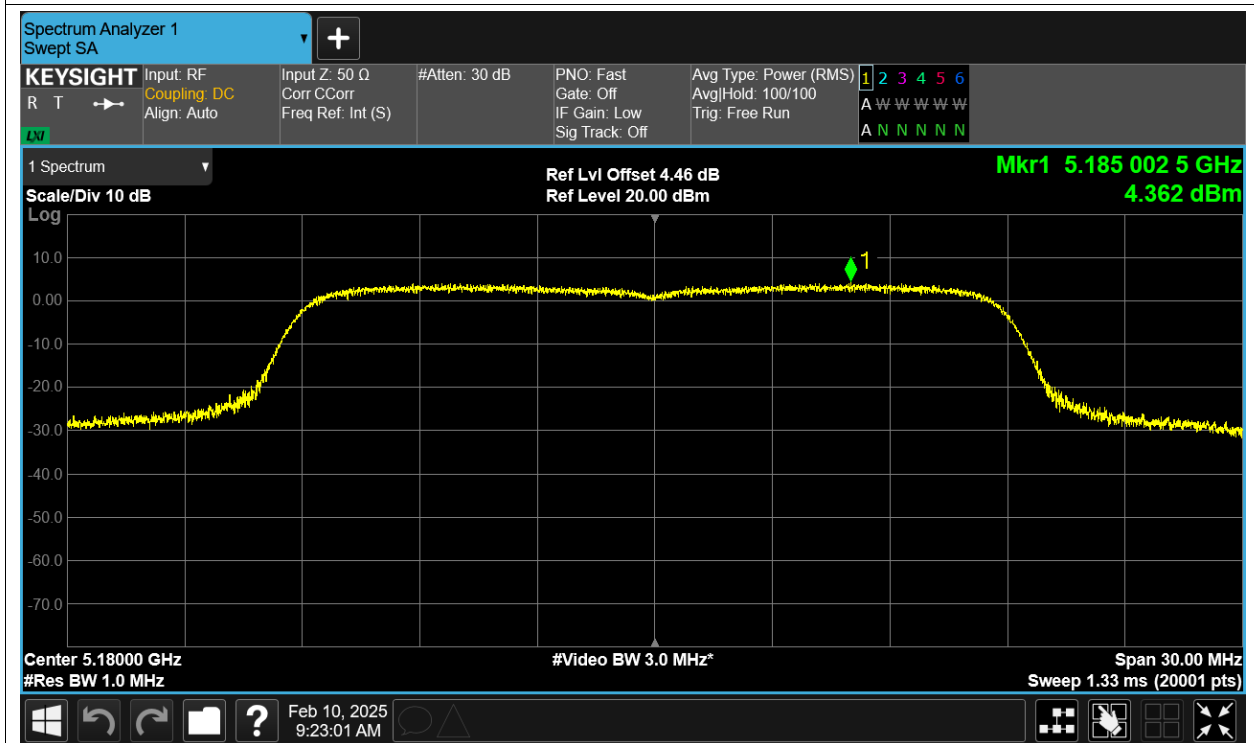
PSD NVNT a 5200MHz Ant1



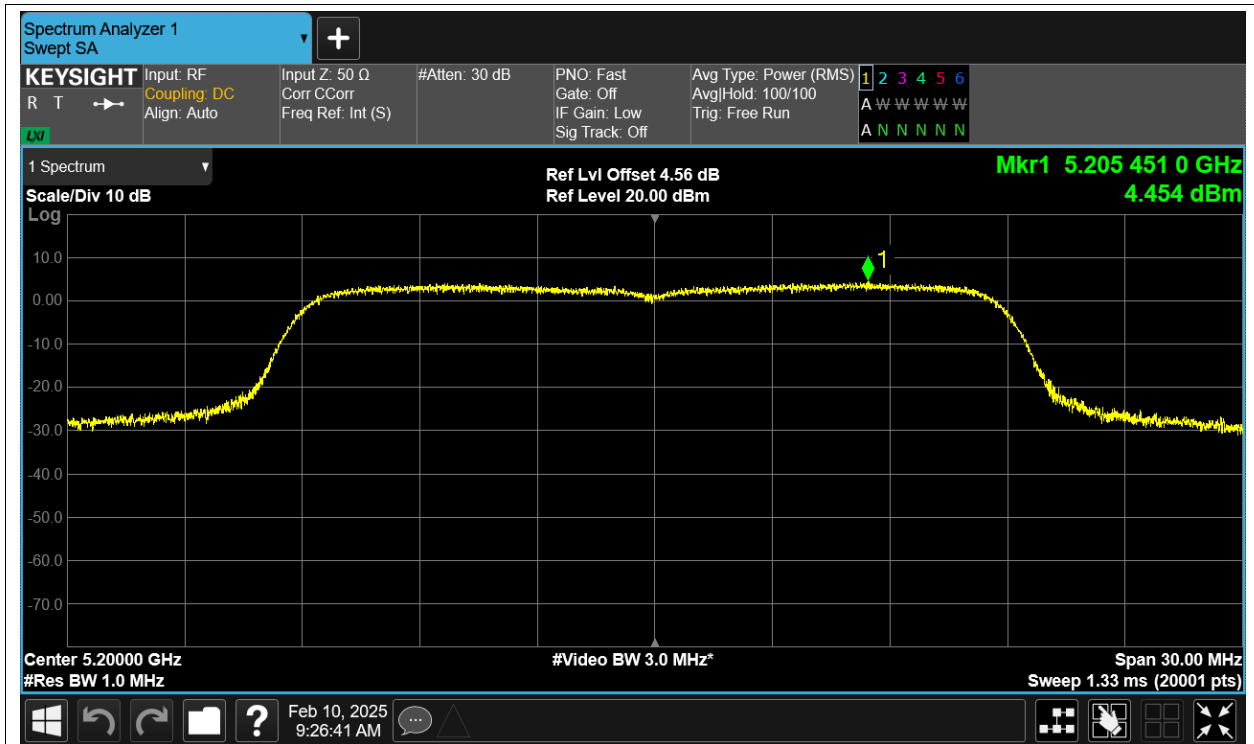
PSD NVNT a 5240MHz Ant1



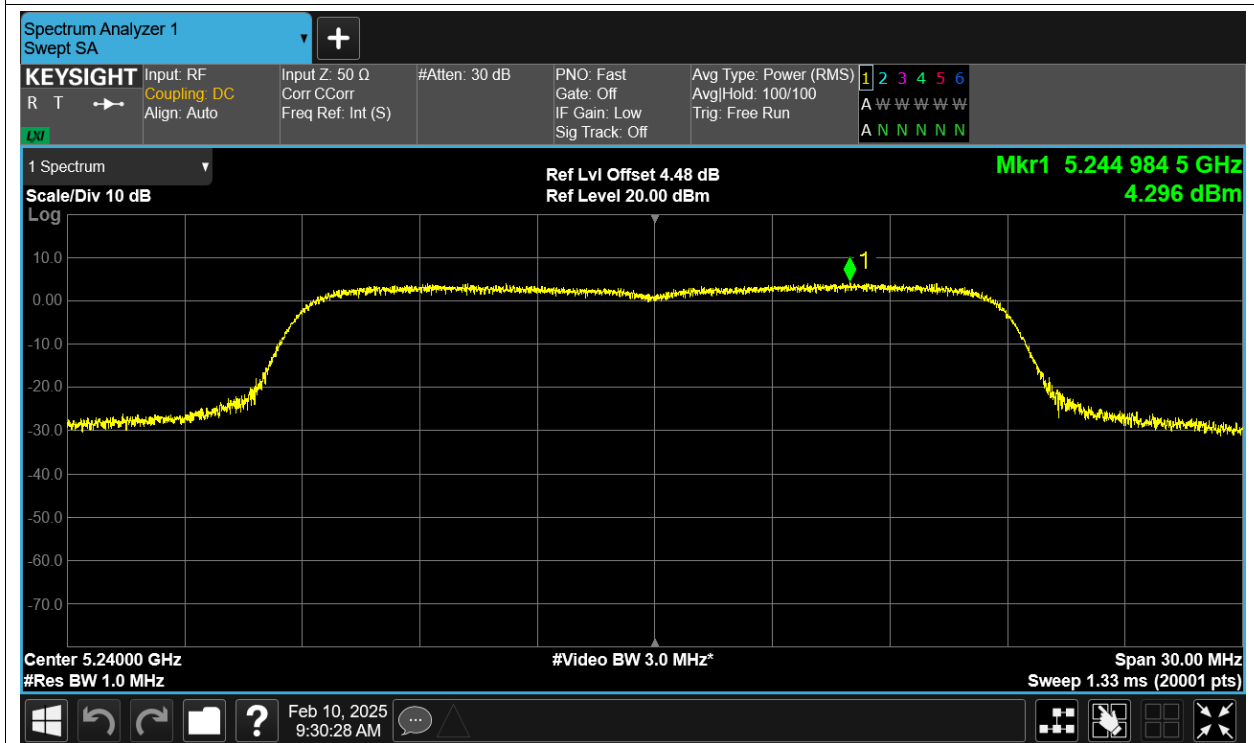
PSD NVNT ac20 5180MHz Ant1



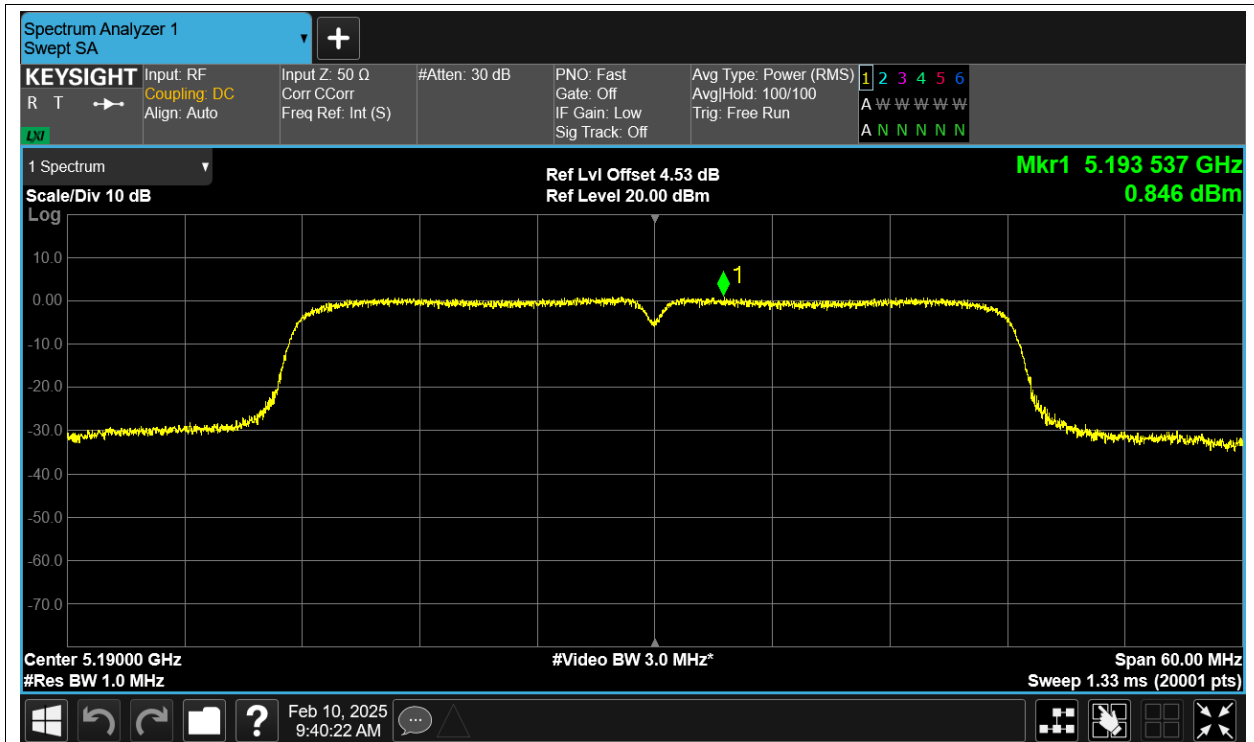
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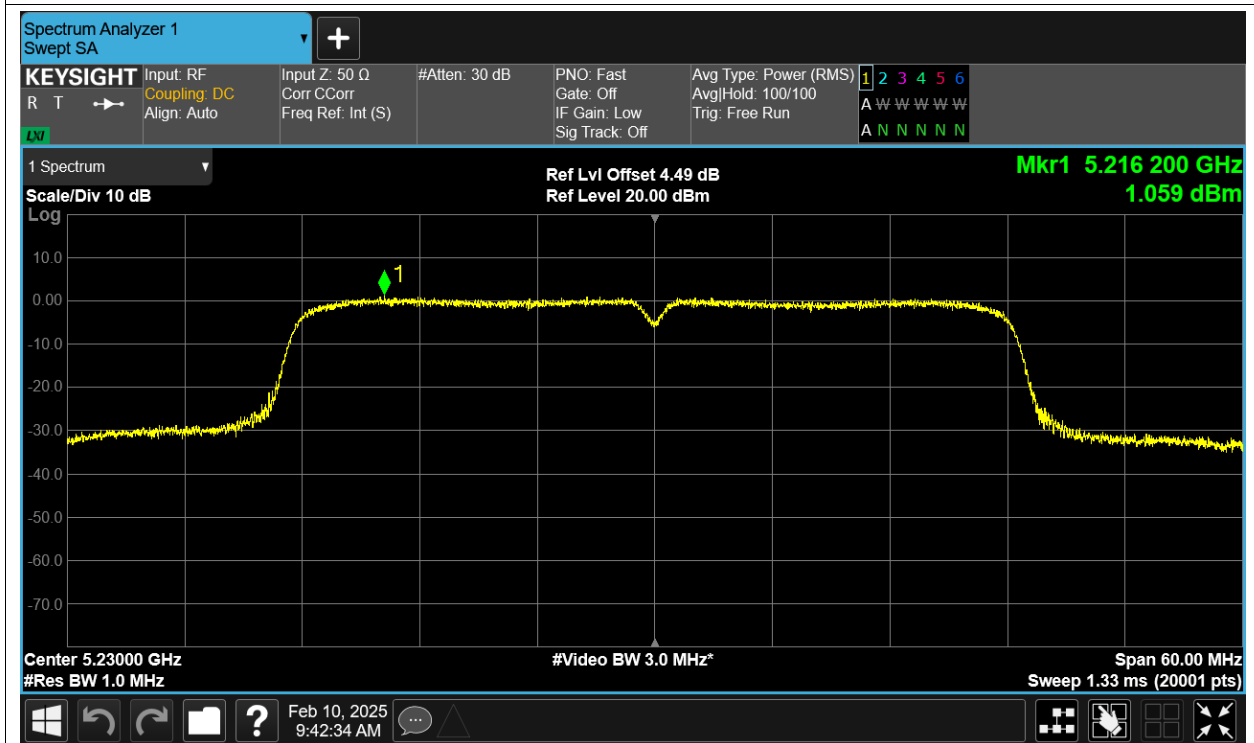
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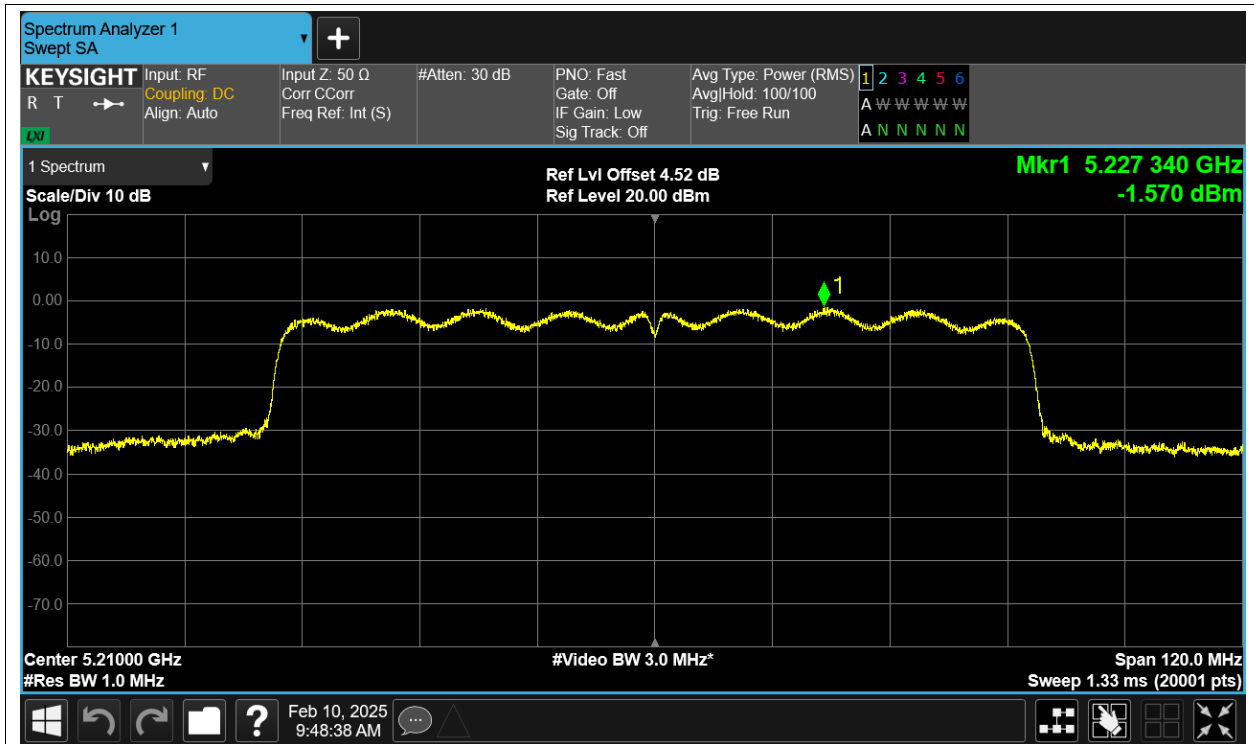
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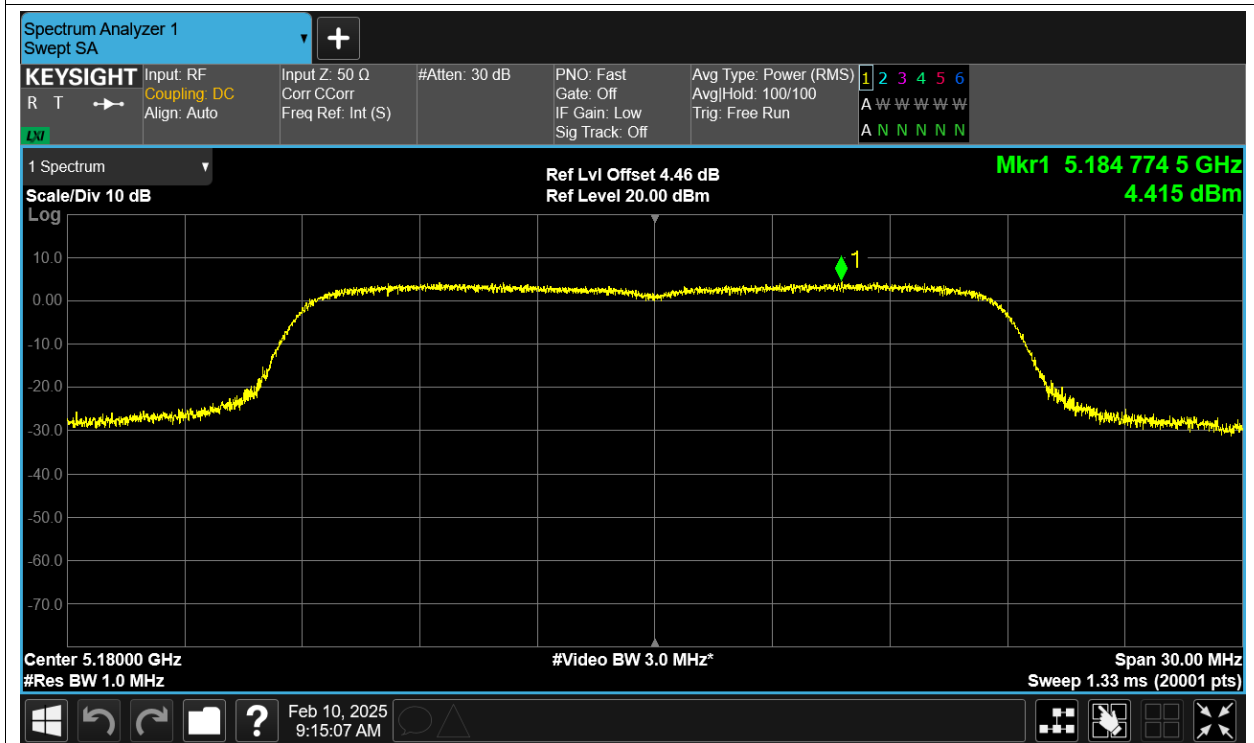
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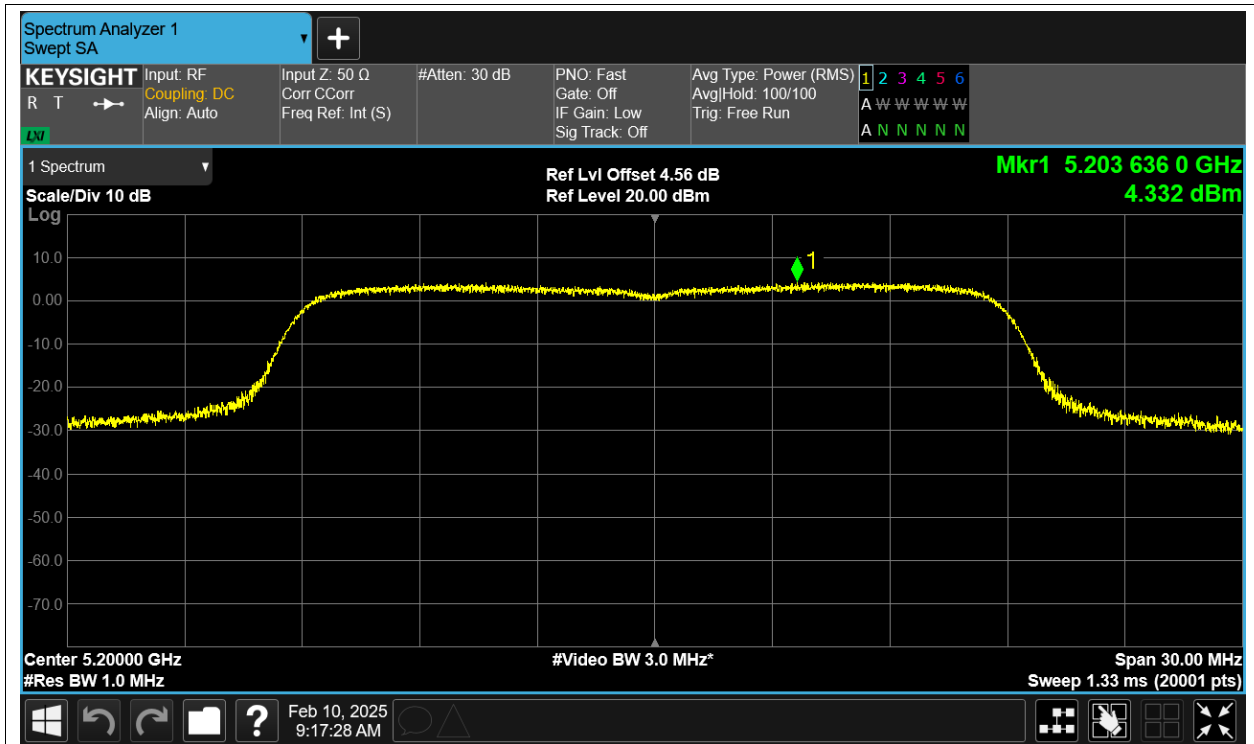
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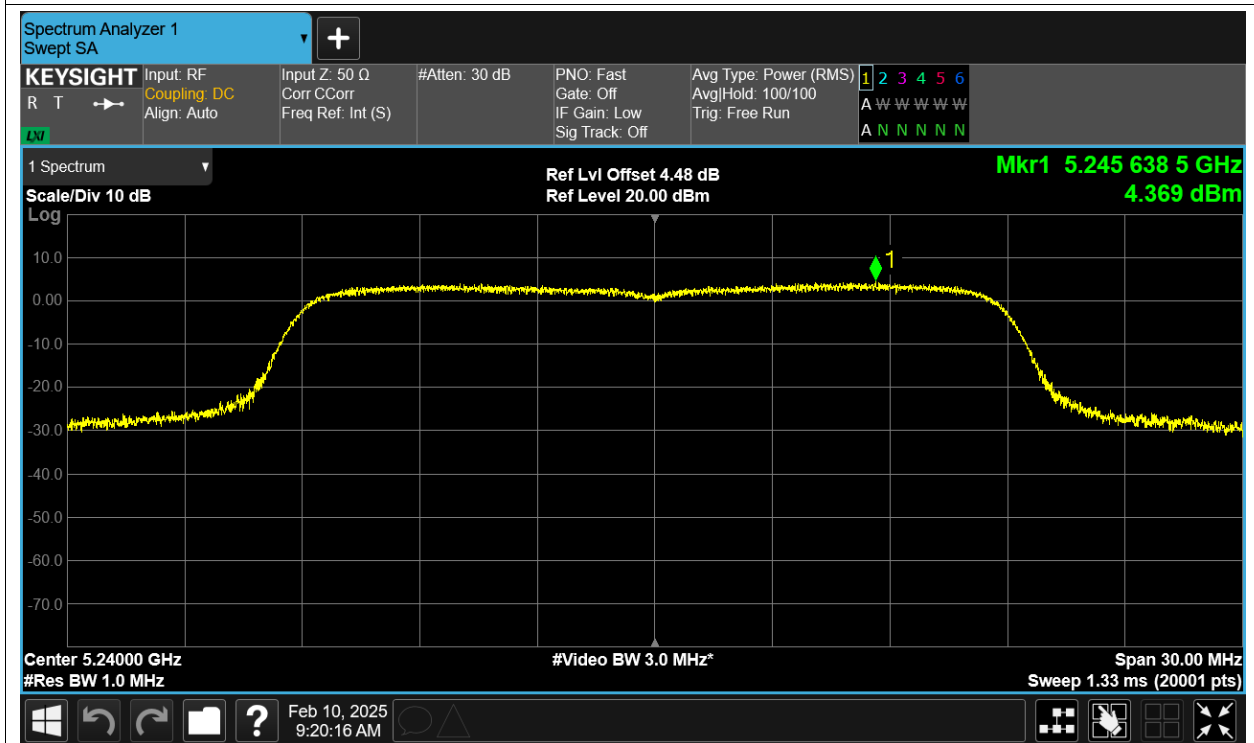
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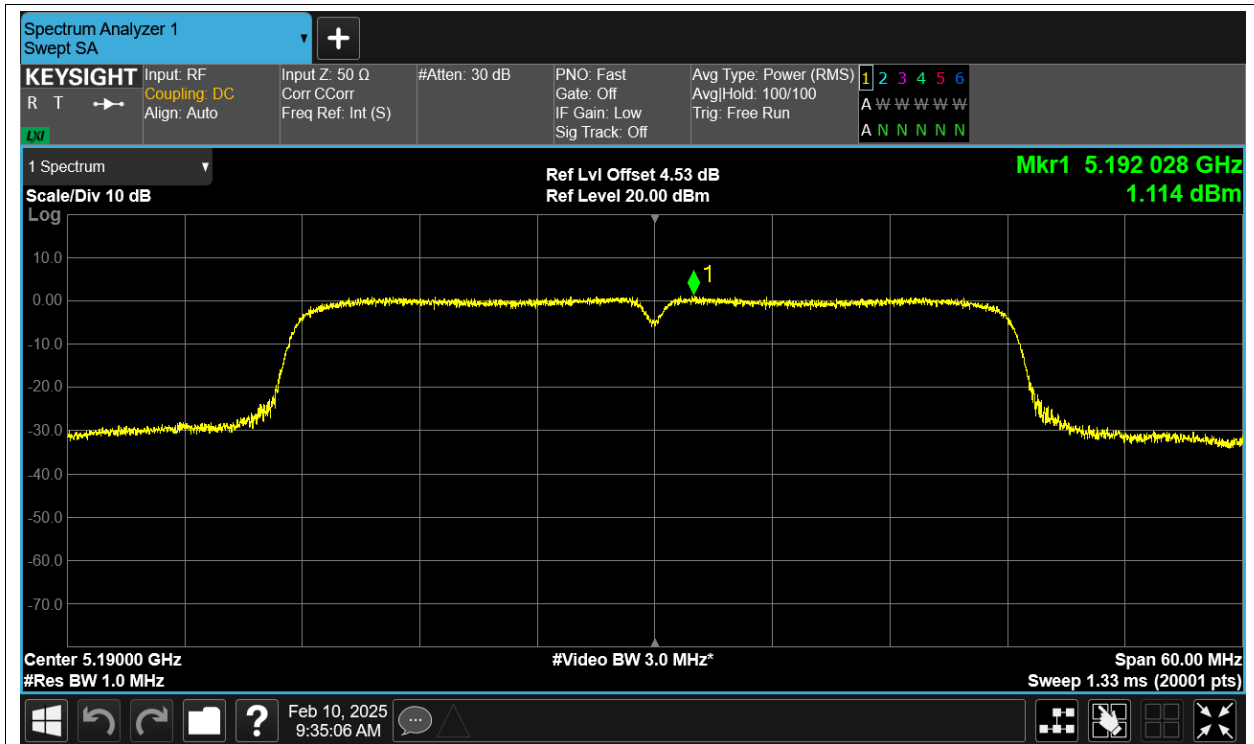
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PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

