

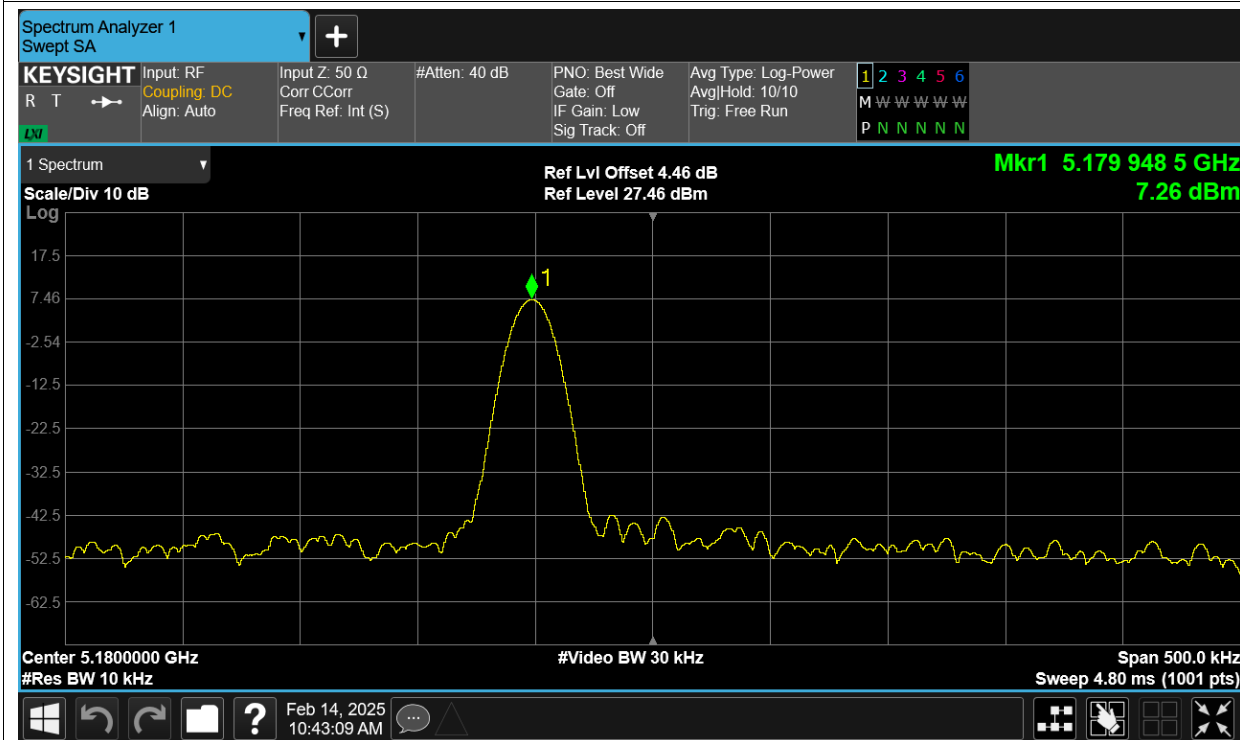
Test Data

Frequency Stability

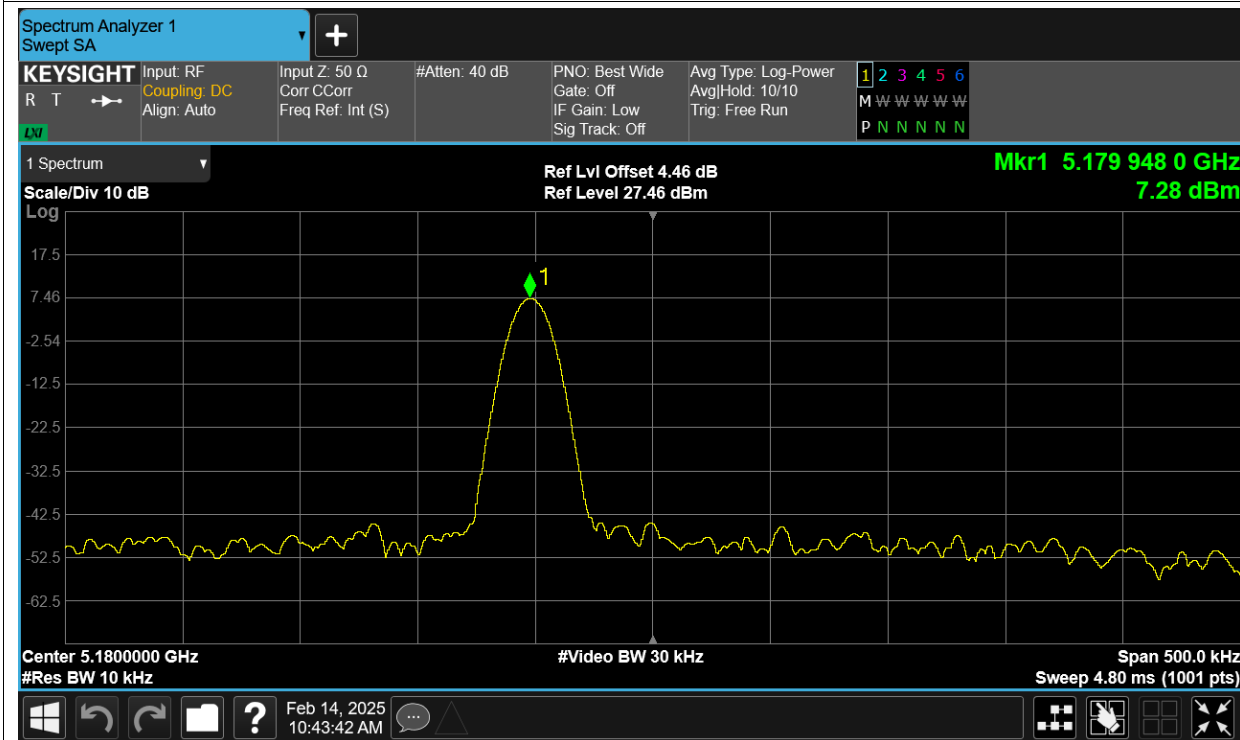
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant2	5179.9485	-9.94	25	Pass
LVNT	a	5180	Ant2	5179.948	-10.04	25	Pass
NVHT	a	5180	Ant2	5179.948	-10.04	25	Pass
NVLT	a	5180	Ant2	5179.948	-10.04	25	Pass
NVNT	a	5180	Ant2	5179.9485	-9.94	25	Pass
HVNT	ac80	5210	Ant2	5209.9515	-9.31	25	Pass
LVNT	ac80	5210	Ant2	5209.951	-9.4	25	Pass
NVHT	ac80	5210	Ant2	5209.951	-9.4	25	Pass
NVLT	ac80	5210	Ant2	5209.951	-9.4	25	Pass
NVNT	ac80	5210	Ant2	5209.9509	-9.42	25	Pass
HVNT	n40	5190	Ant2	5189.951	-9.44	25	Pass
LVNT	n40	5190	Ant2	5189.9505	-9.54	25	Pass
NVHT	n40	5190	Ant2	5189.9505	-9.54	25	Pass
NVLT	n40	5190	Ant2	5189.9505	-9.54	25	Pass
NVNT	n40	5190	Ant2	5189.9505	-9.54	25	Pass

Test Graphs

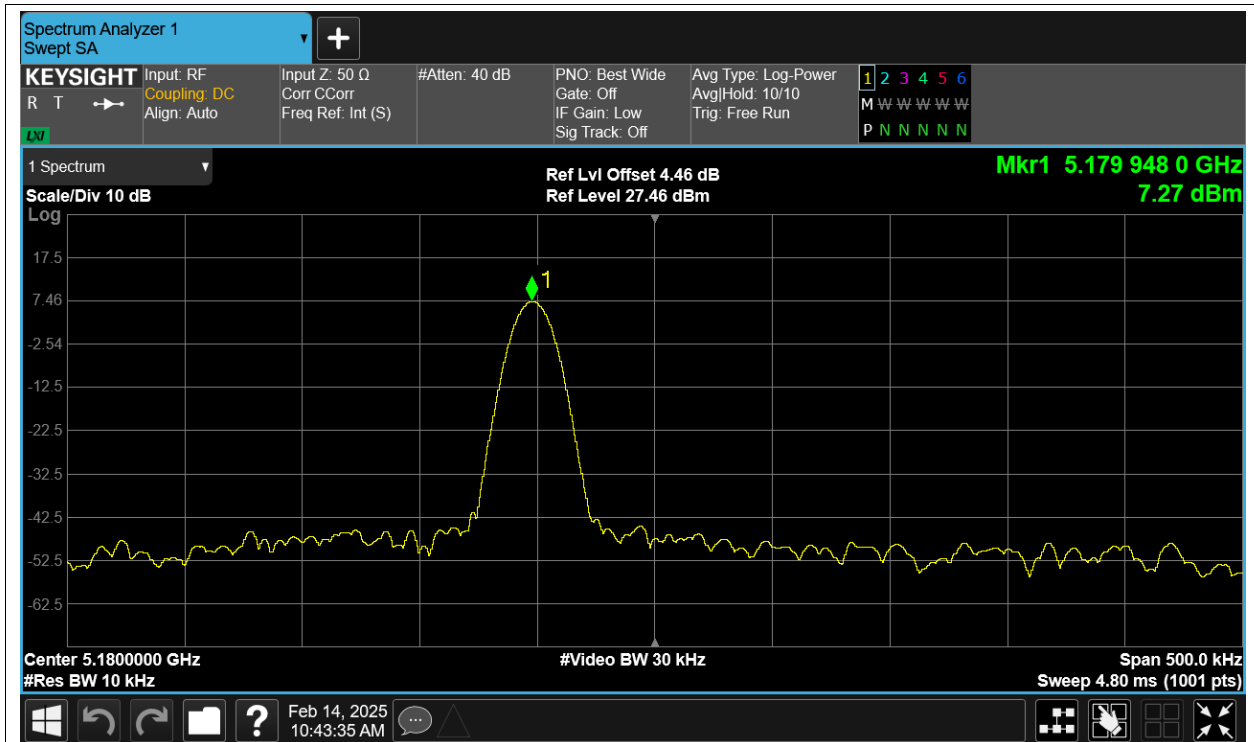
Freq. Stability HVNT a 5180MHz Ant2



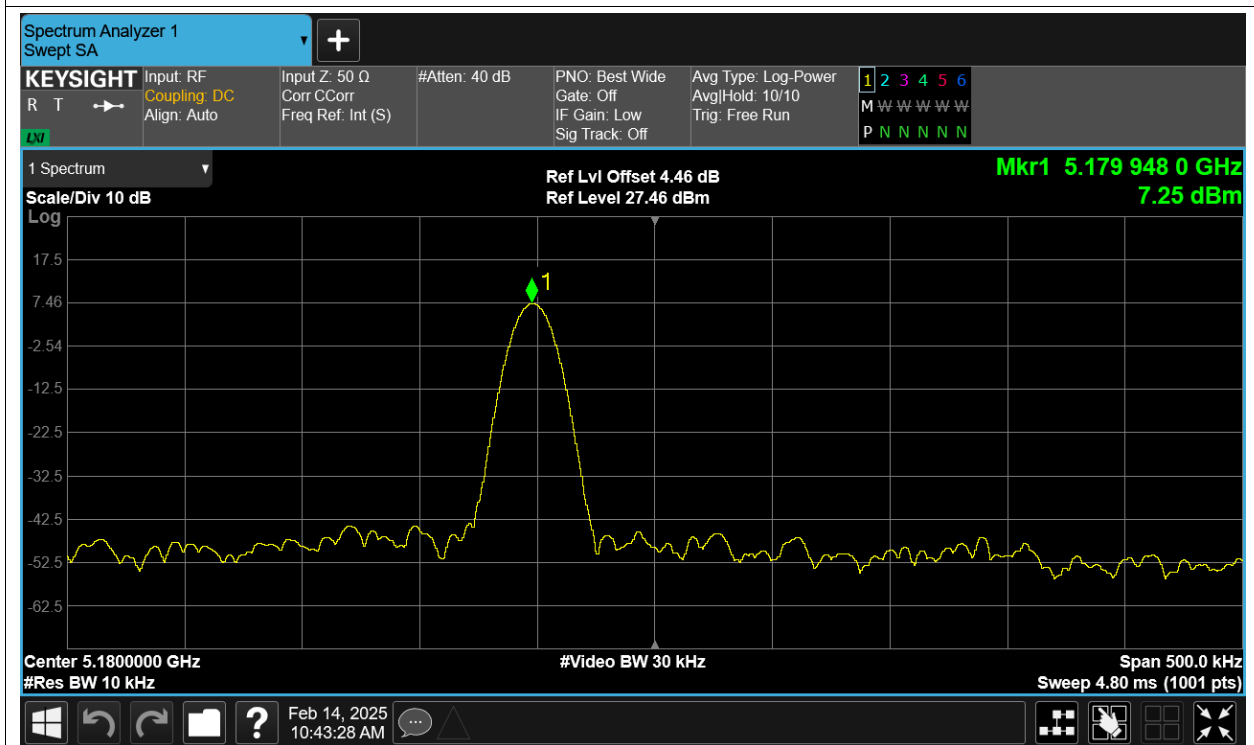
Freq. Stability LVNT a 5180MHz Ant2



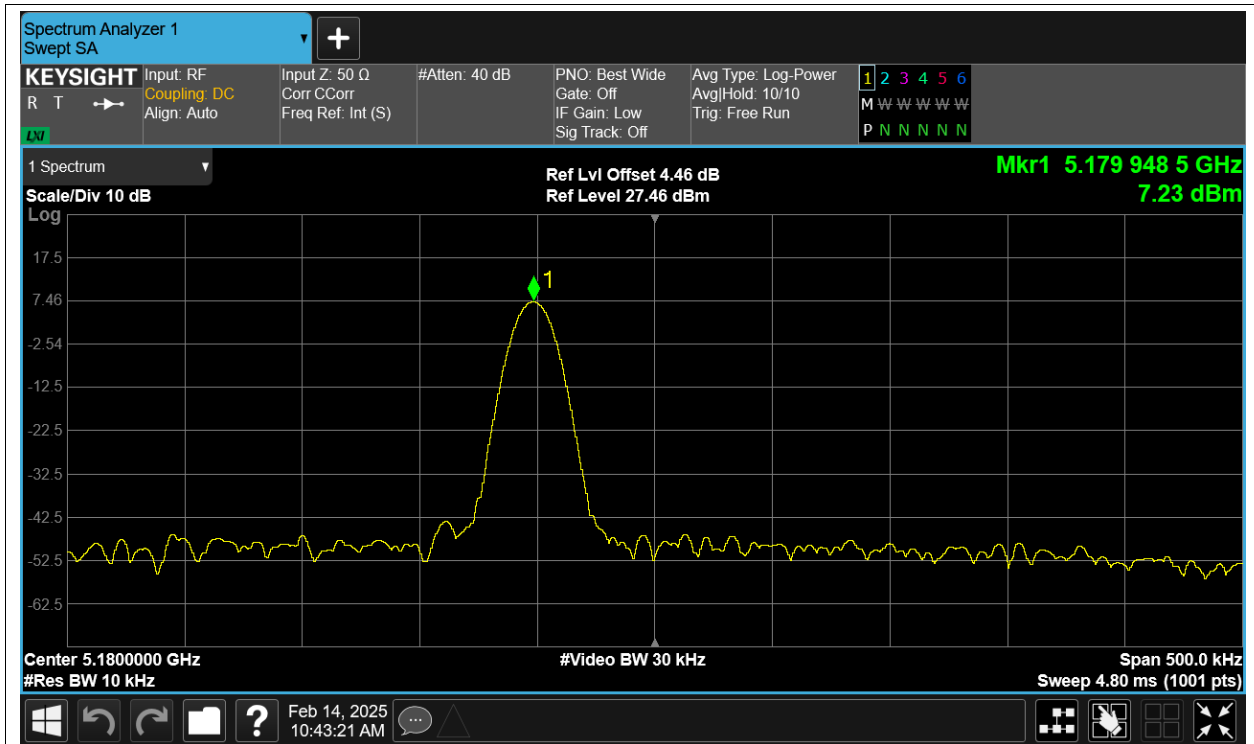
Freq. Stability NVHT a 5180MHz Ant2



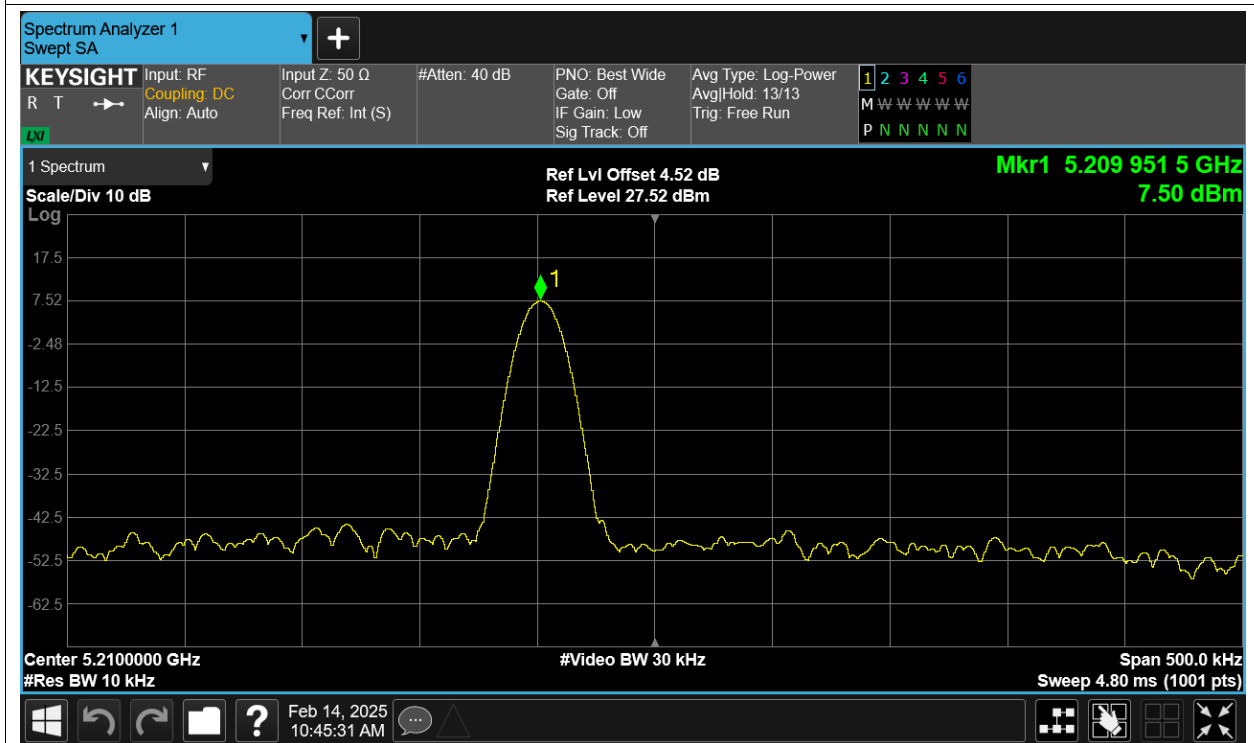
Freq. Stability NVLT a 5180MHz Ant2



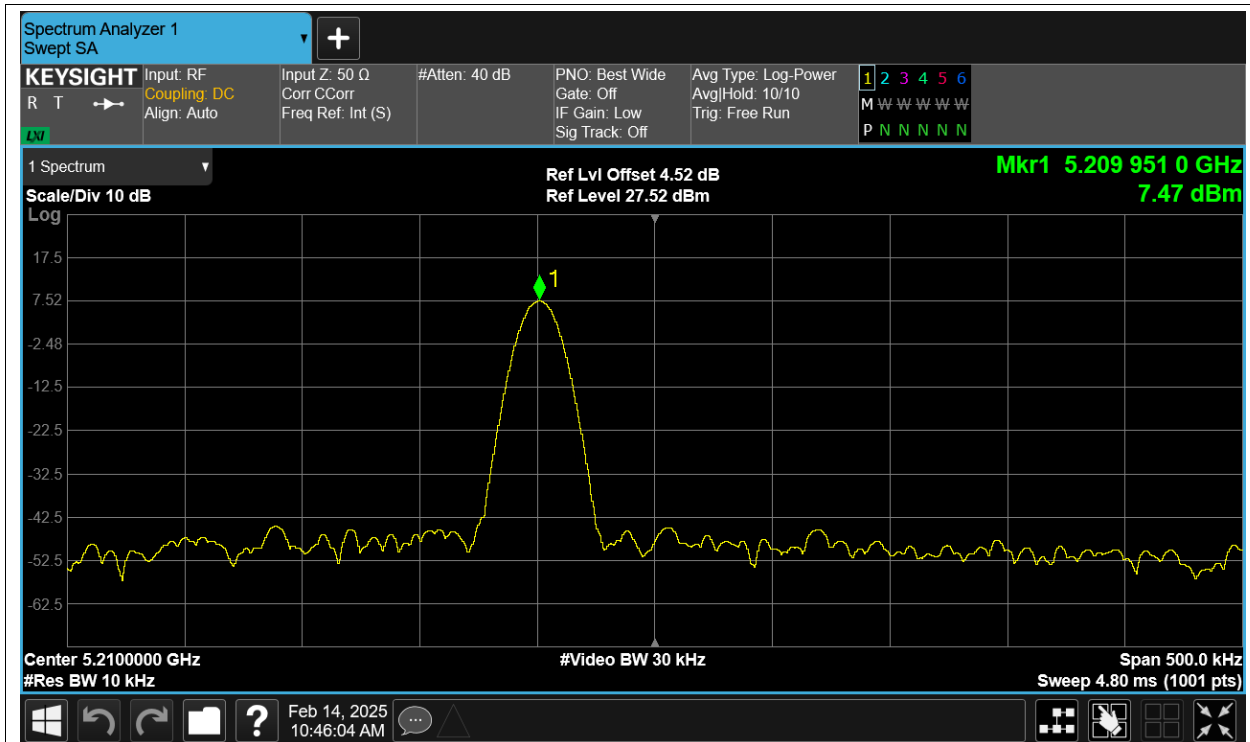
Freq. Stability NVNT a 5180MHz Ant2



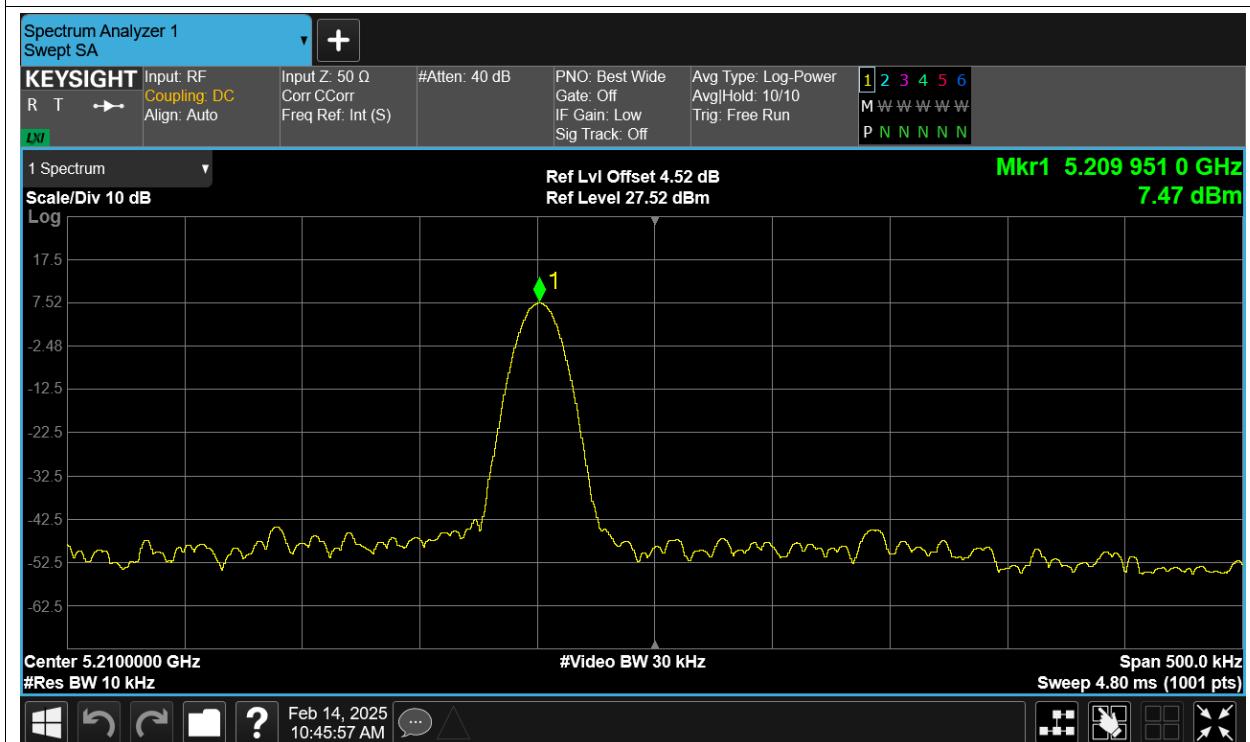
Freq. Stability HVNT ac80 5210MHz Ant2



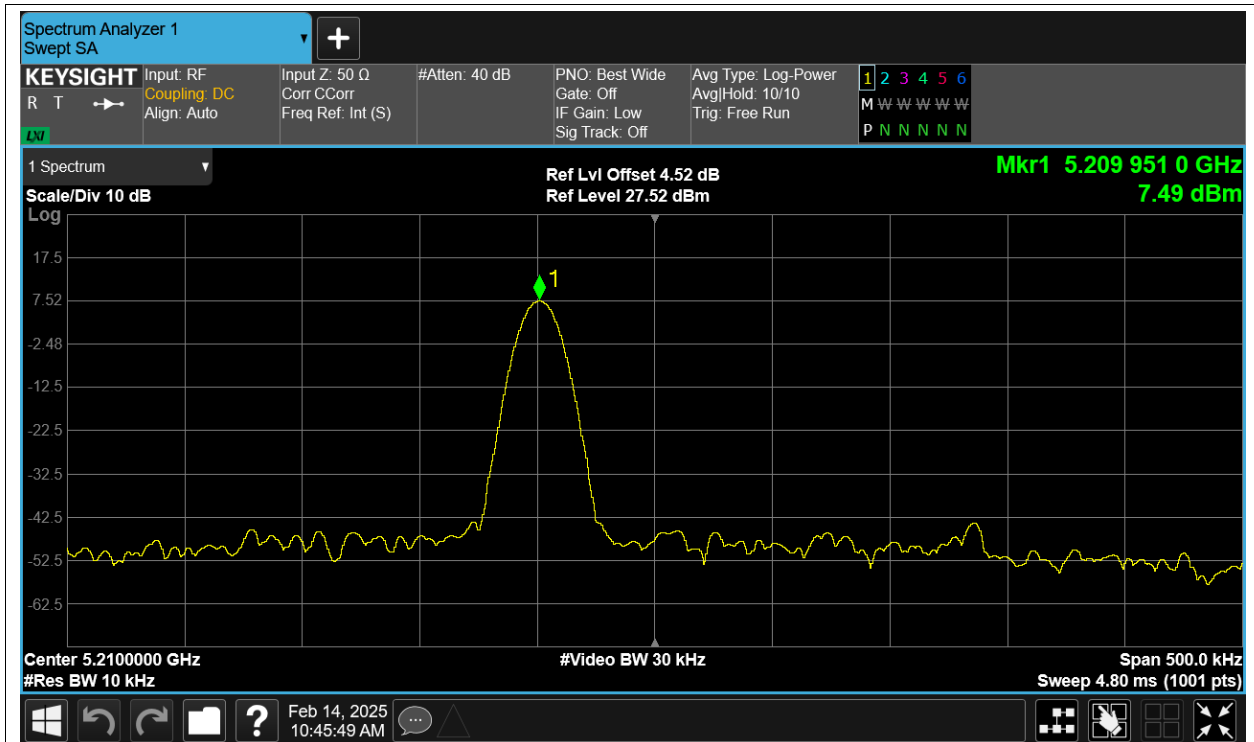
Freq. Stability LVNT ac80 5210MHz Ant2



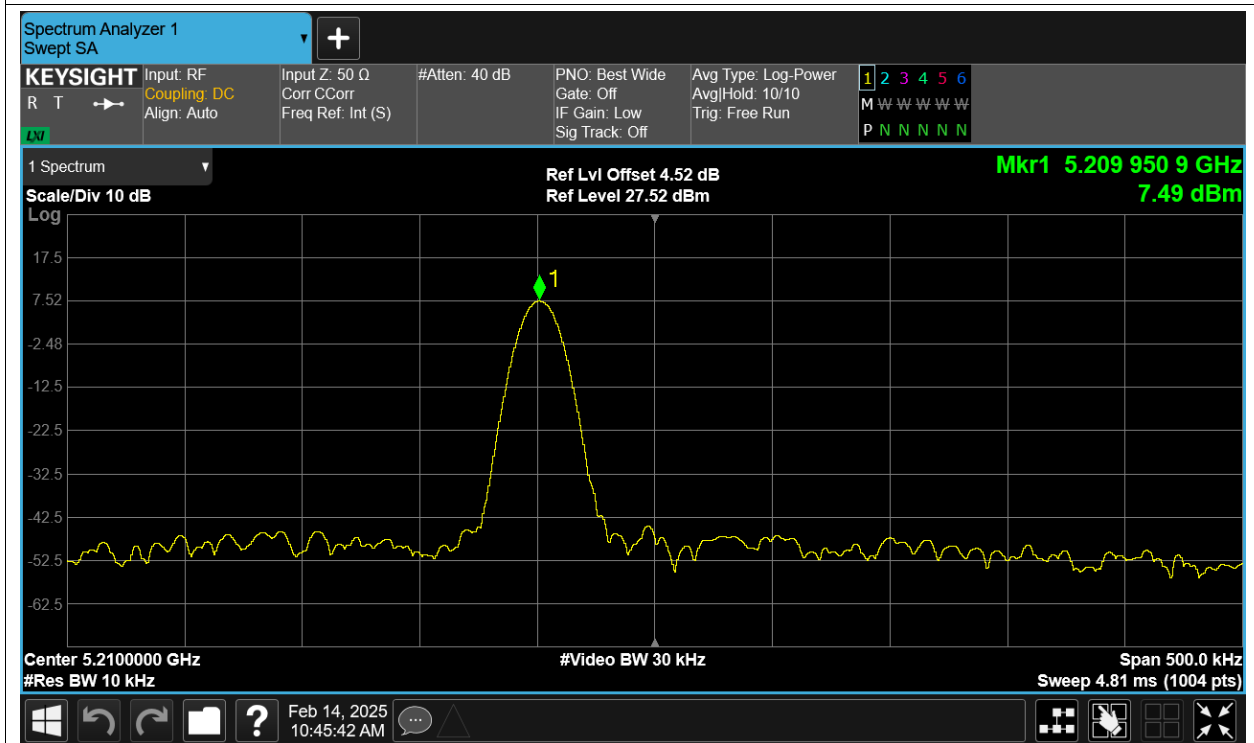
Freq. Stability NVHT ac80 5210MHz Ant2



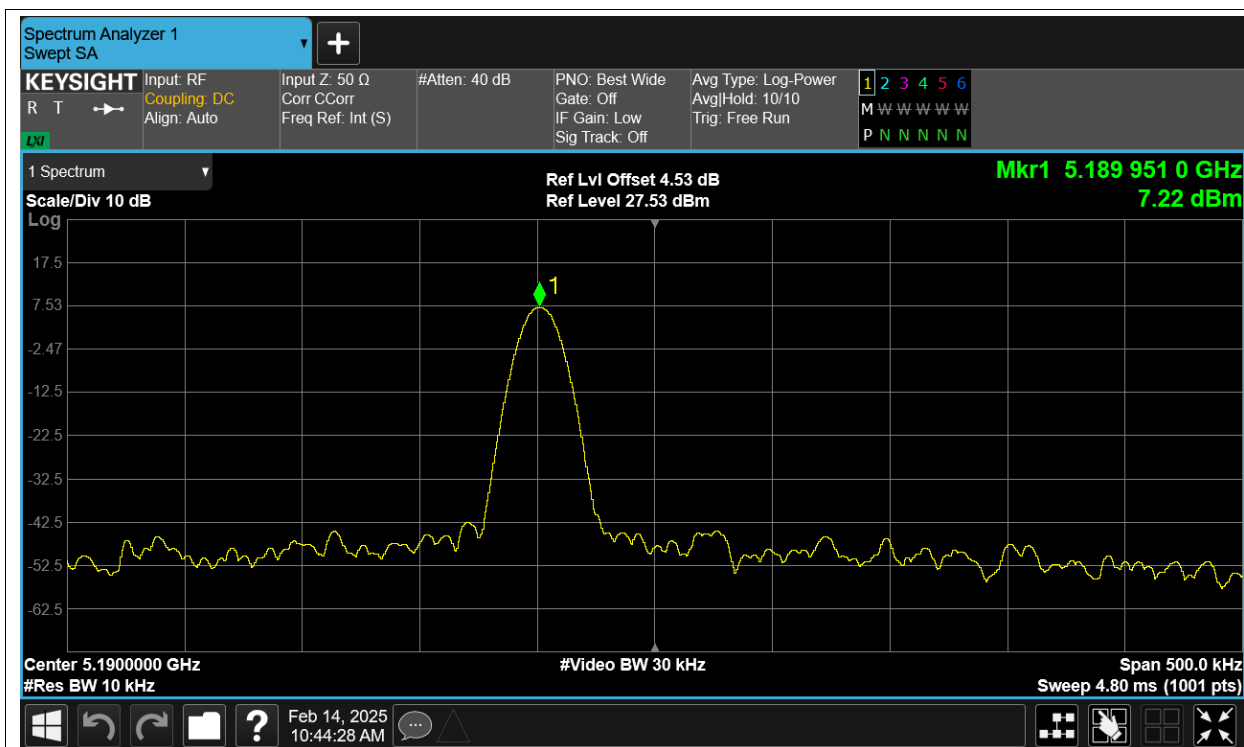
Freq. Stability NVLT ac80 5210MHz Ant2



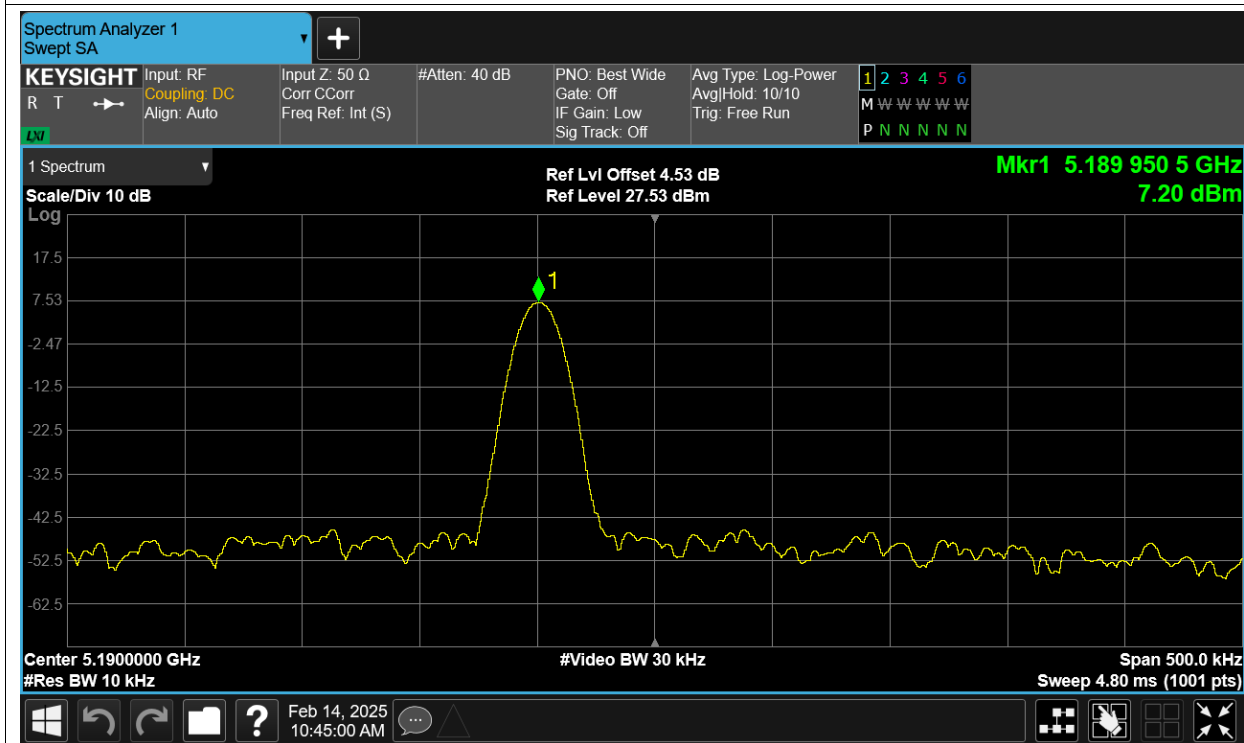
Freq. Stability NVNT ac80 5210MHz Ant2



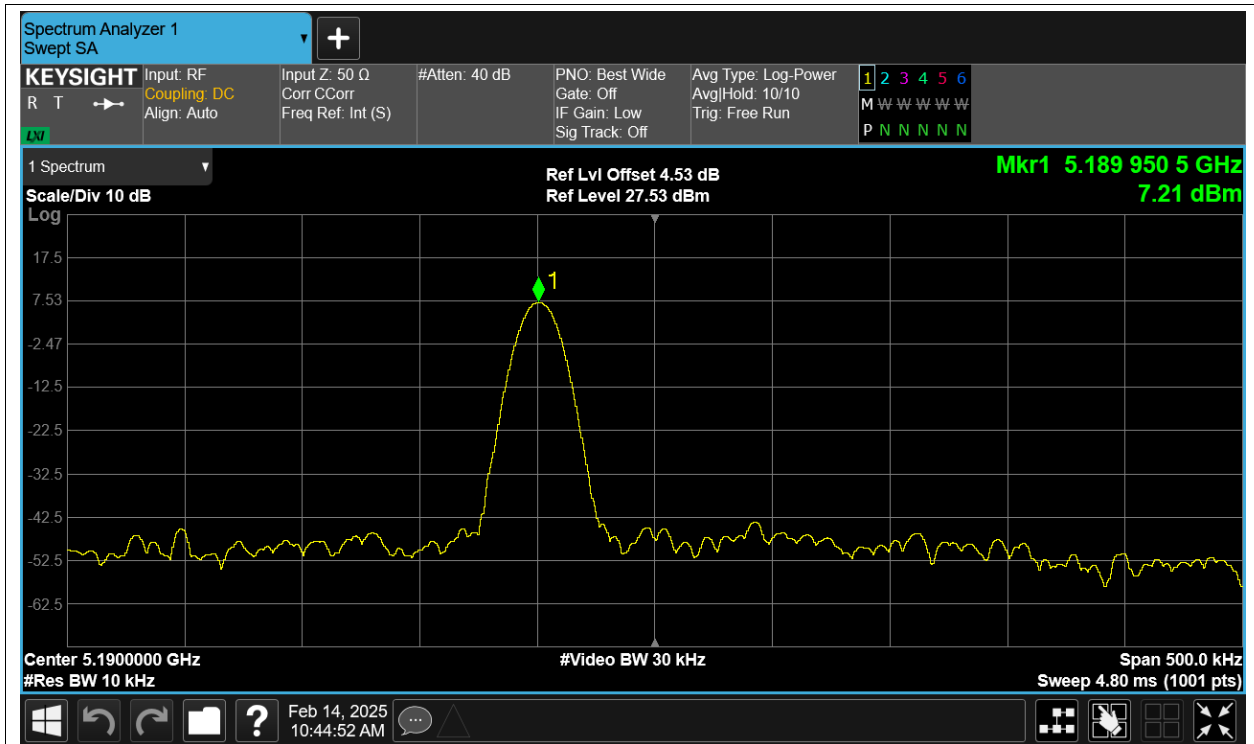
Freq. Stability HVNT n40 5190MHz Ant2



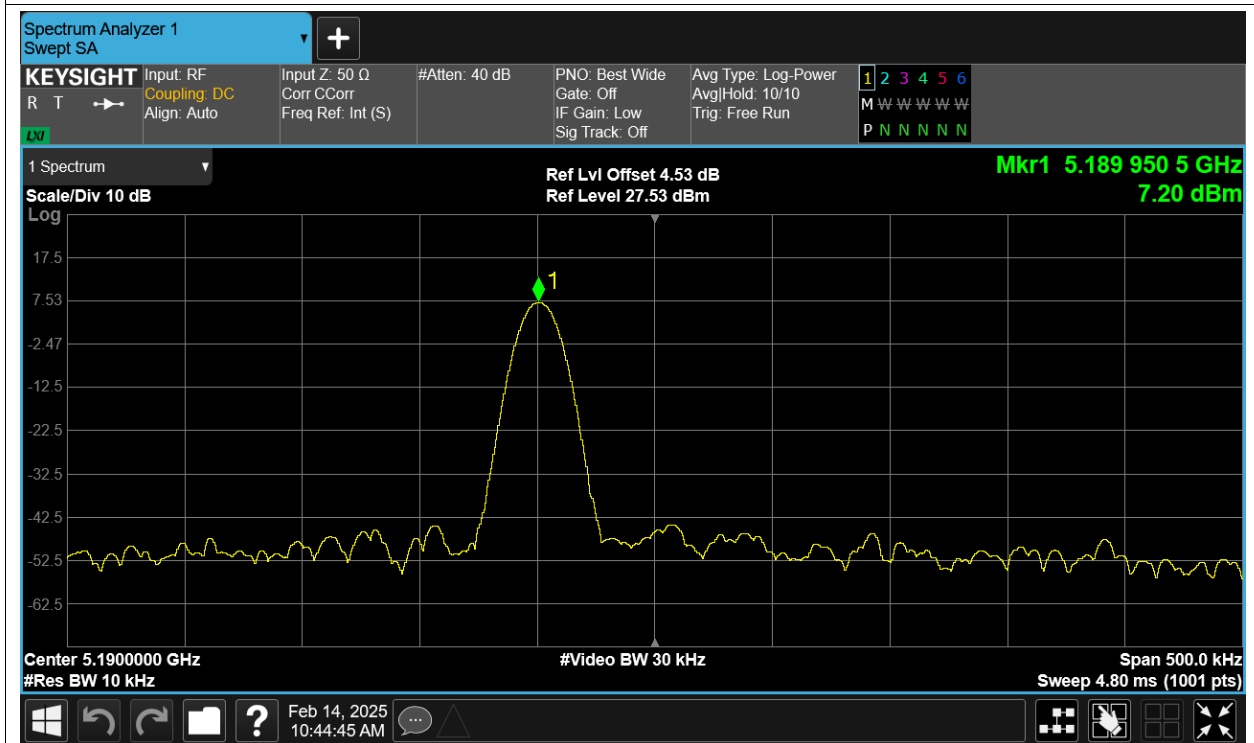
Freq. Stability LVNT n40 5190MHz Ant2



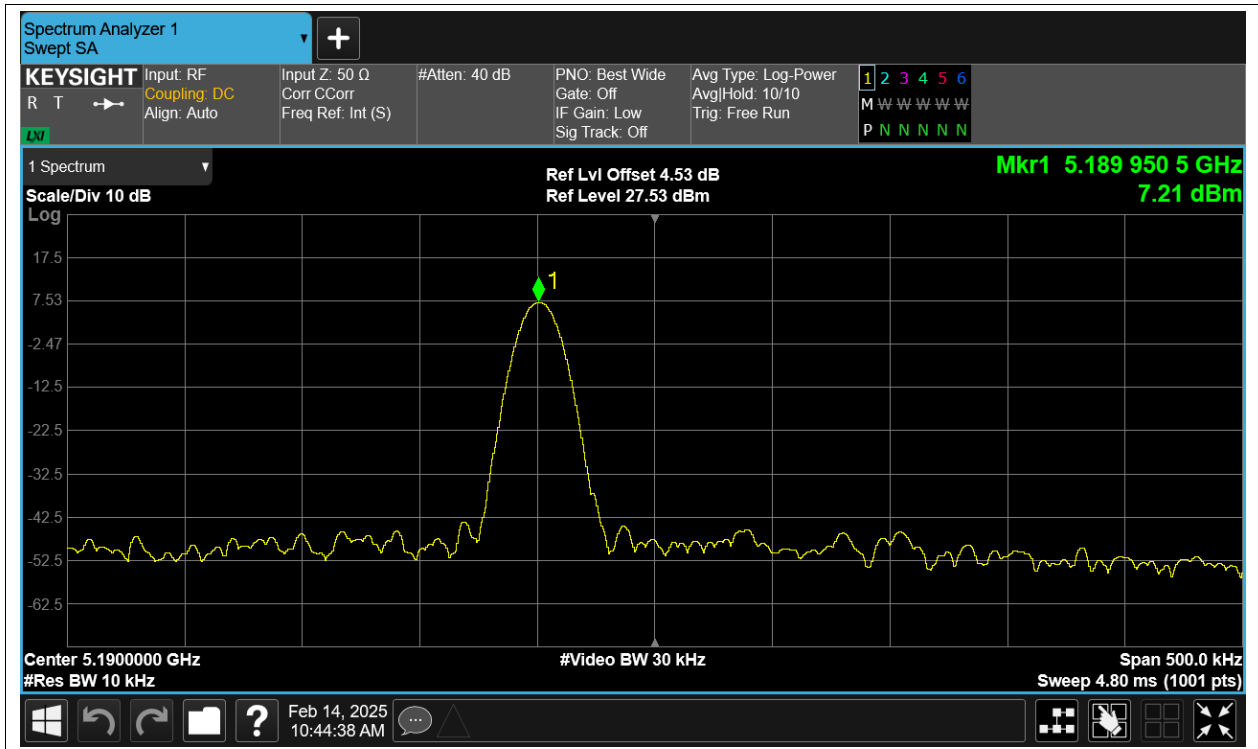
Freq. Stability NVHT n40 5190MHz Ant2



Freq. Stability NVLT n40 5190MHz Ant2



Freq. Stability NVNT n40 5190MHz Ant2

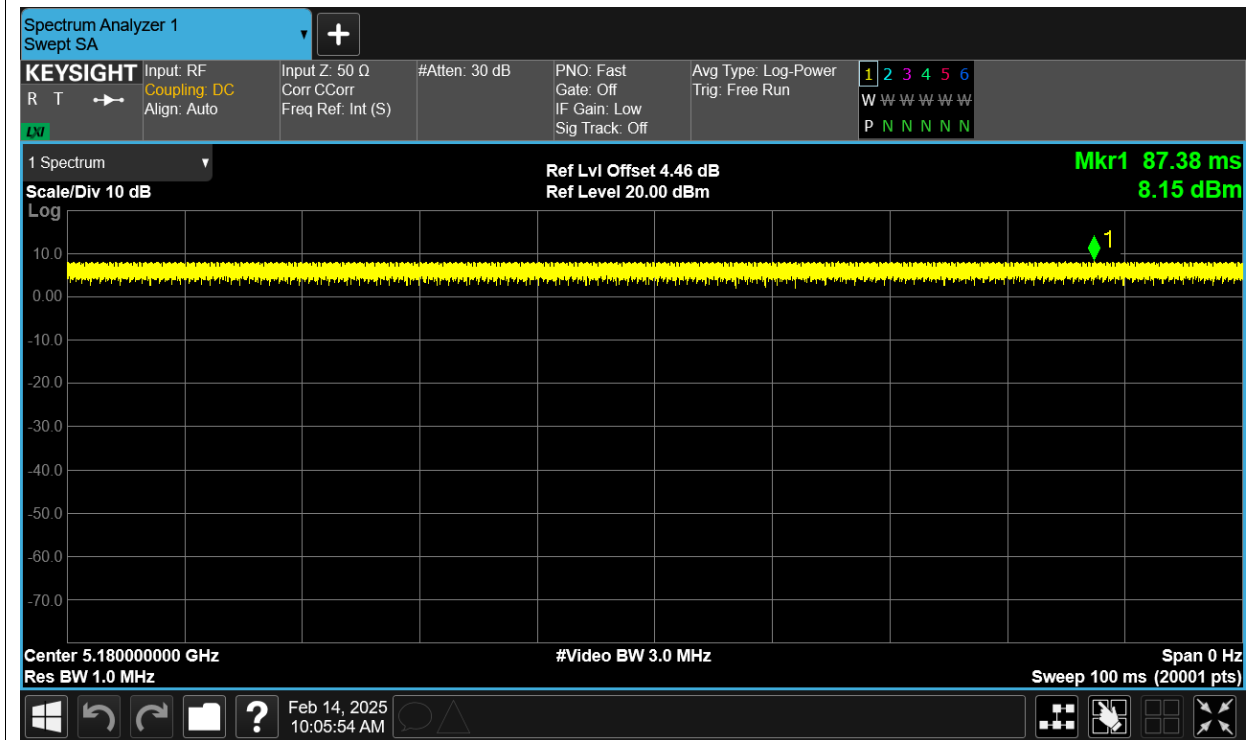


Duty Cycle

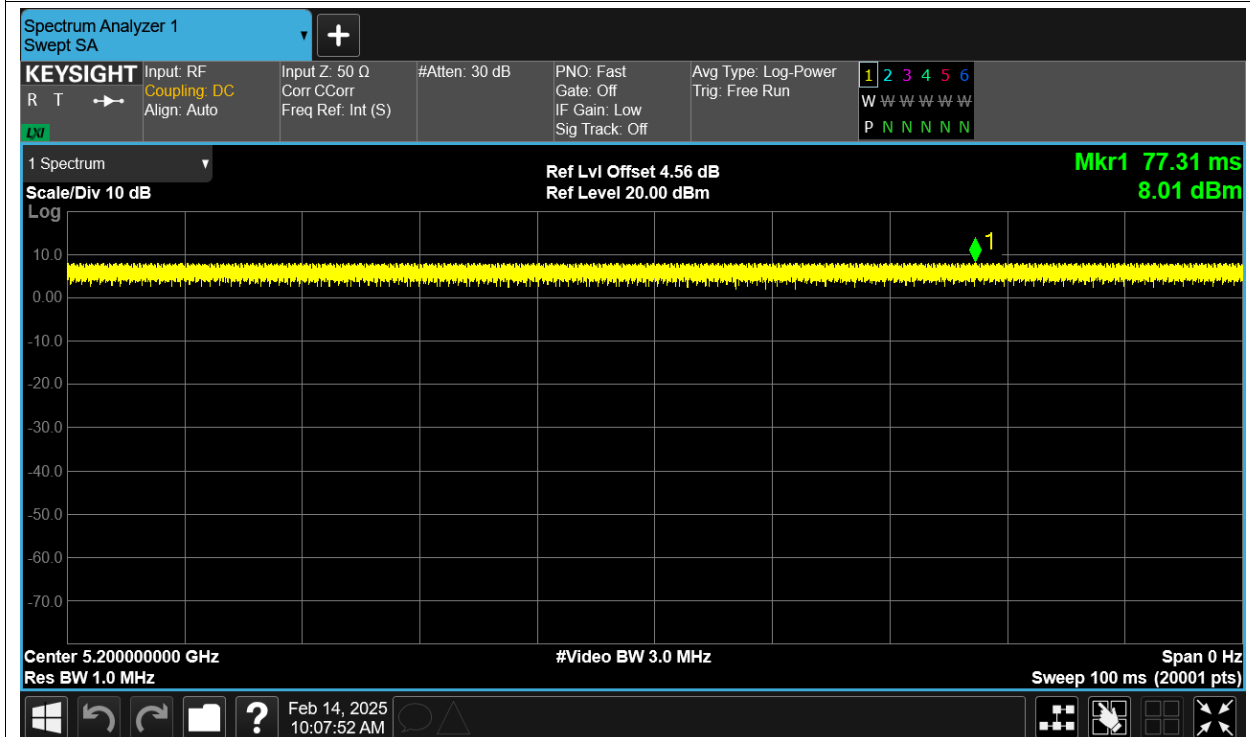
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant2	100	0
NVNT	a	5200	Ant2	100	0
NVNT	a	5240	Ant2	100	0
NVNT	ac20	5180	Ant2	100	0
NVNT	ac20	5200	Ant2	100	0
NVNT	ac20	5240	Ant2	100	0
NVNT	ac40	5190	Ant2	100	0
NVNT	ac40	5230	Ant2	100	0
NVNT	ac80	5210	Ant2	100	0
NVNT	n20	5180	Ant2	100	0
NVNT	n20	5200	Ant2	100	0
NVNT	n20	5240	Ant2	100	0
NVNT	n40	5190	Ant2	100	0
NVNT	n40	5230	Ant2	100	0

Test Graphs

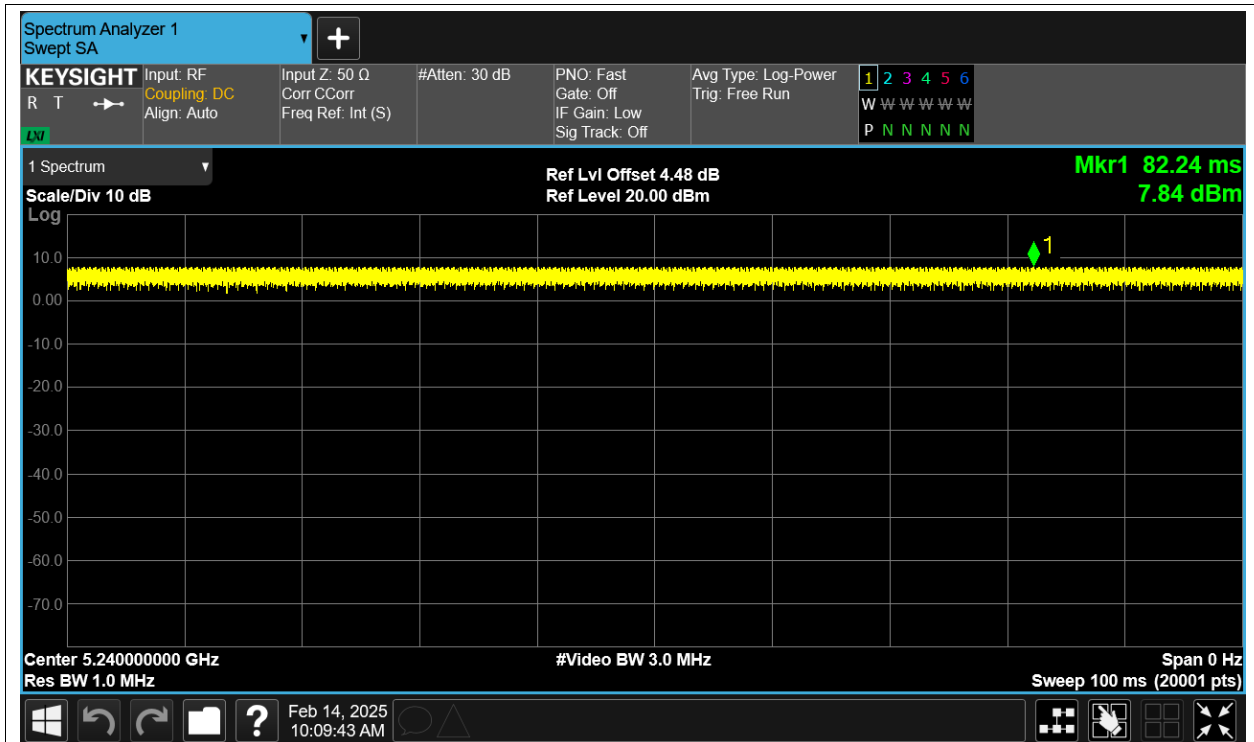
Duty Cycle NVNT a 5180MHz Ant2



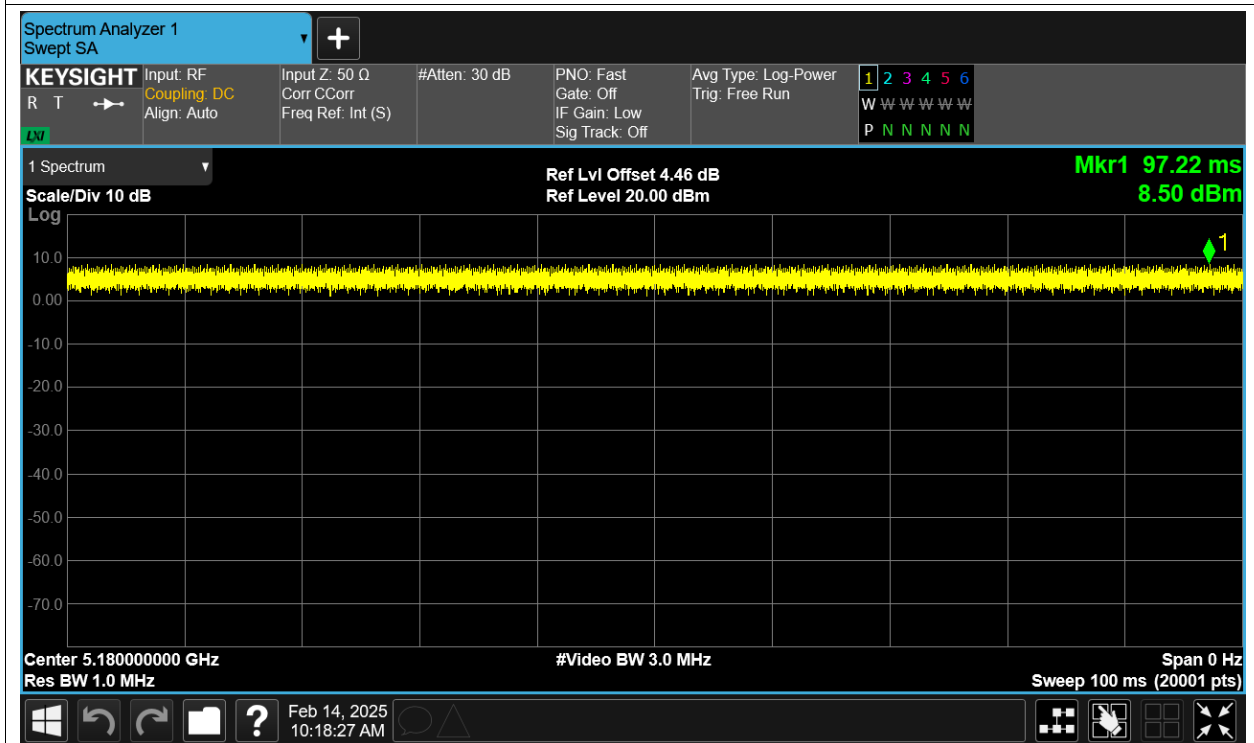
Duty Cycle NVNT a 5200MHz Ant2



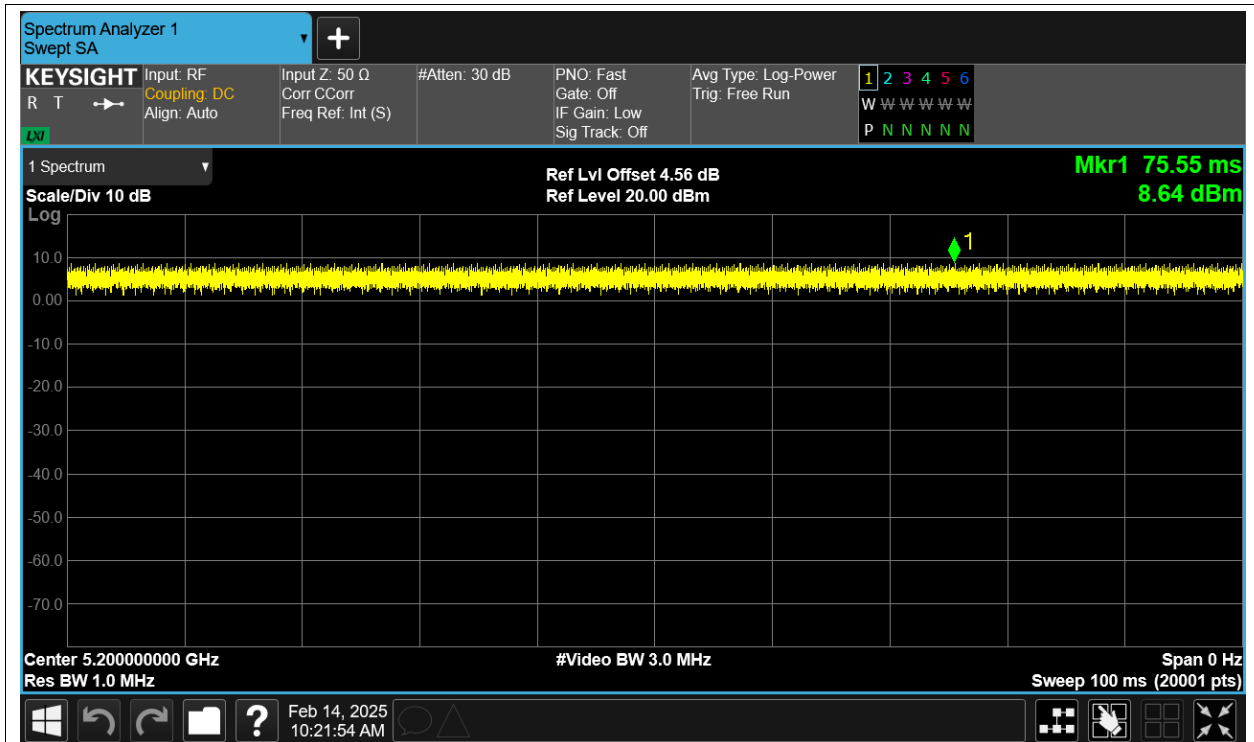
Duty Cycle NVNT a 5240MHz Ant2



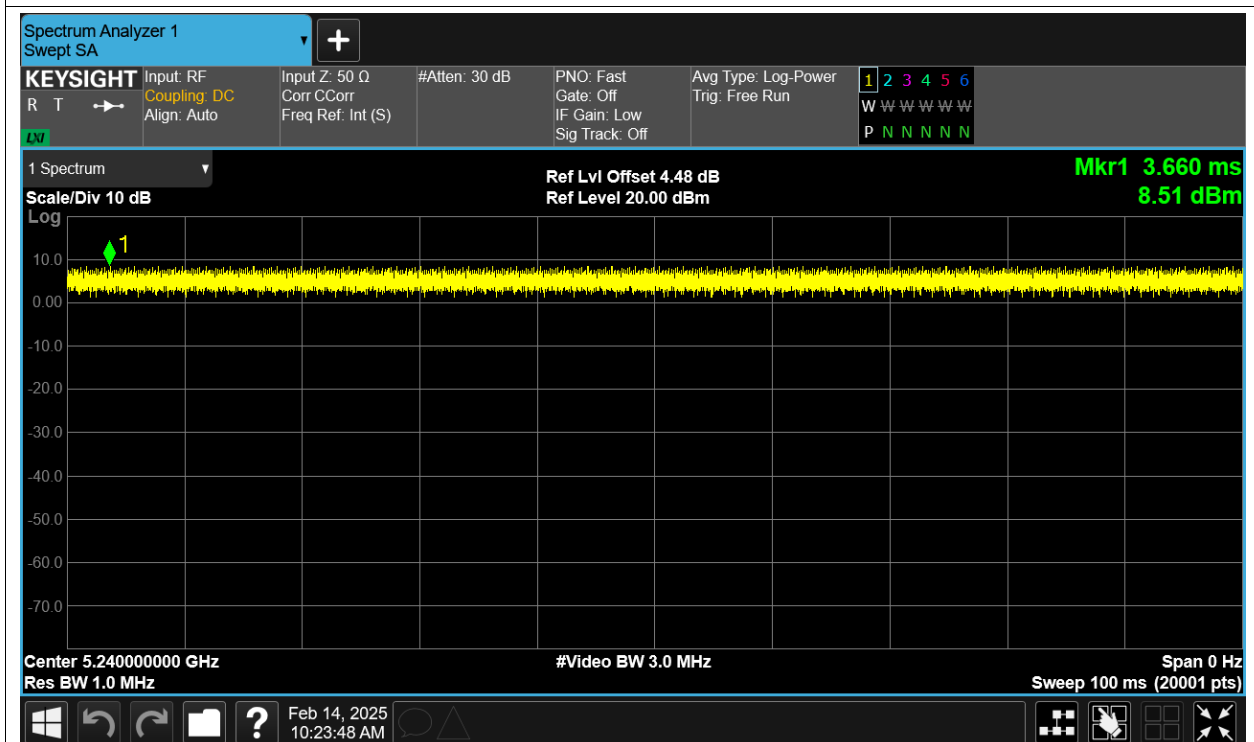
Duty Cycle NVNT ac20 5180MHz Ant2



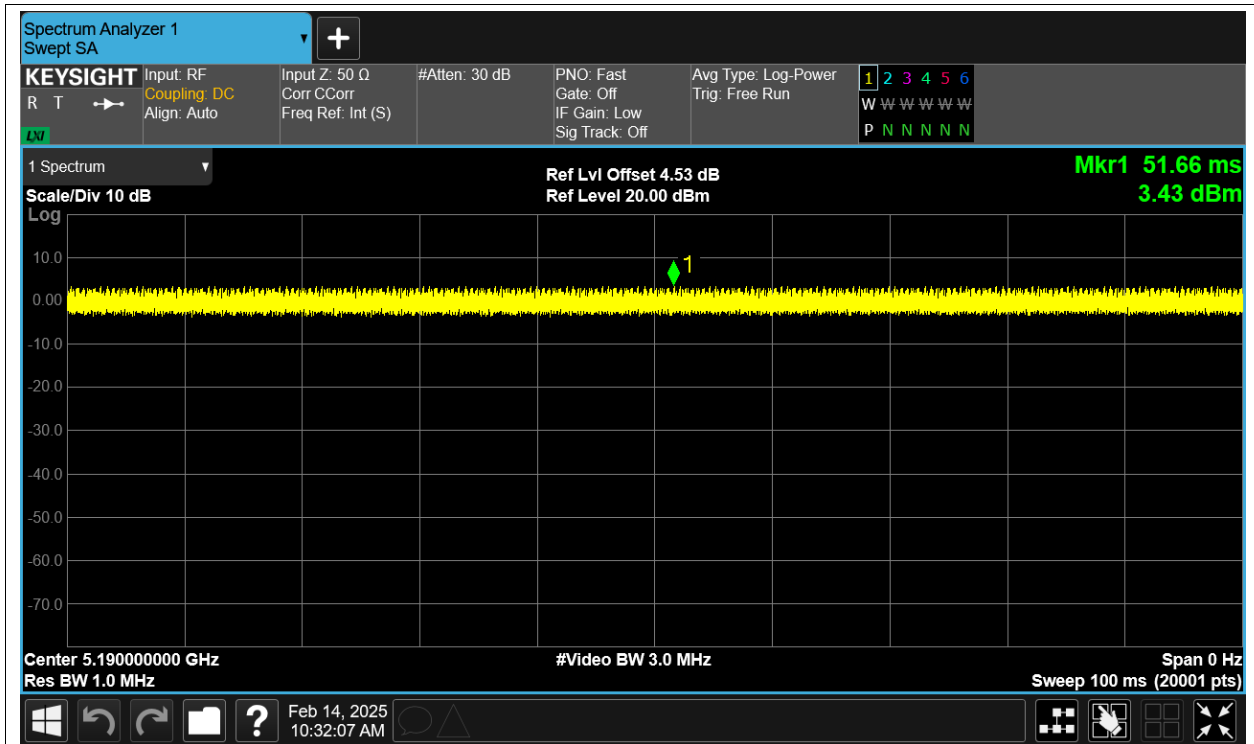
Duty Cycle NVNT ac20 5200MHz Ant2



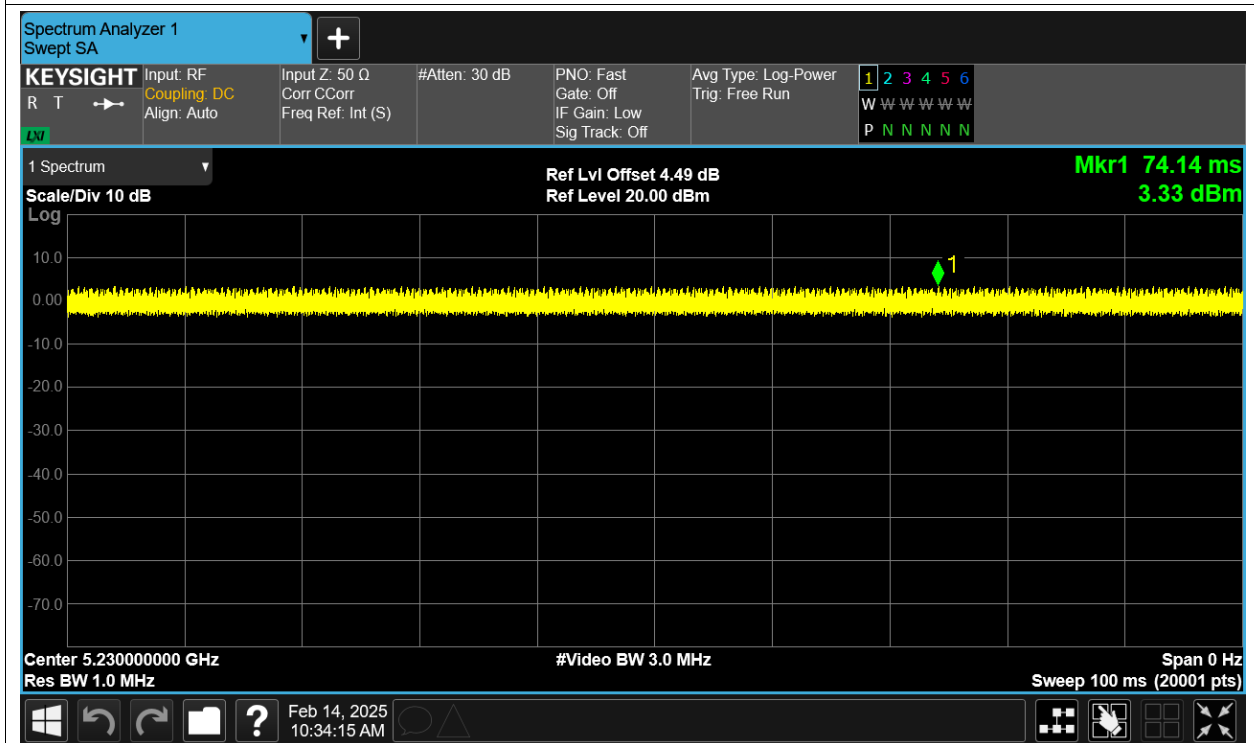
Duty Cycle NVNT ac20 5240MHz Ant2



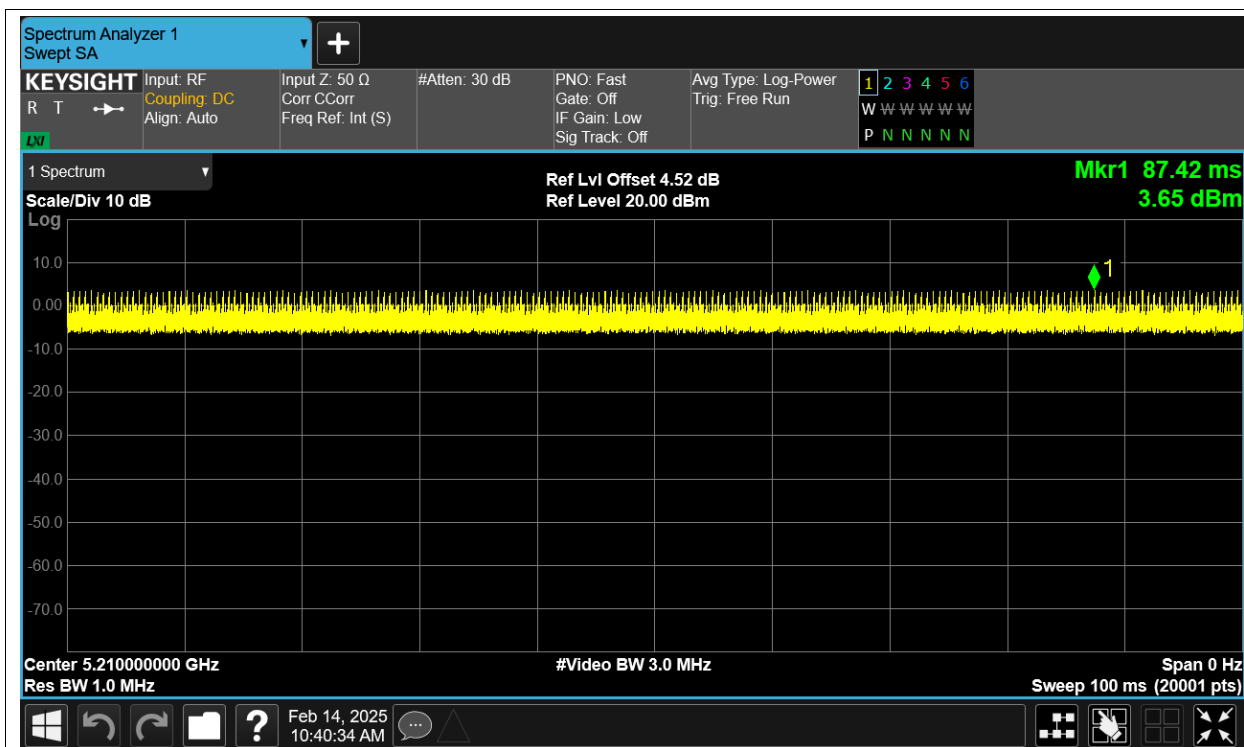
Duty Cycle NVNT ac40 5190MHz Ant2



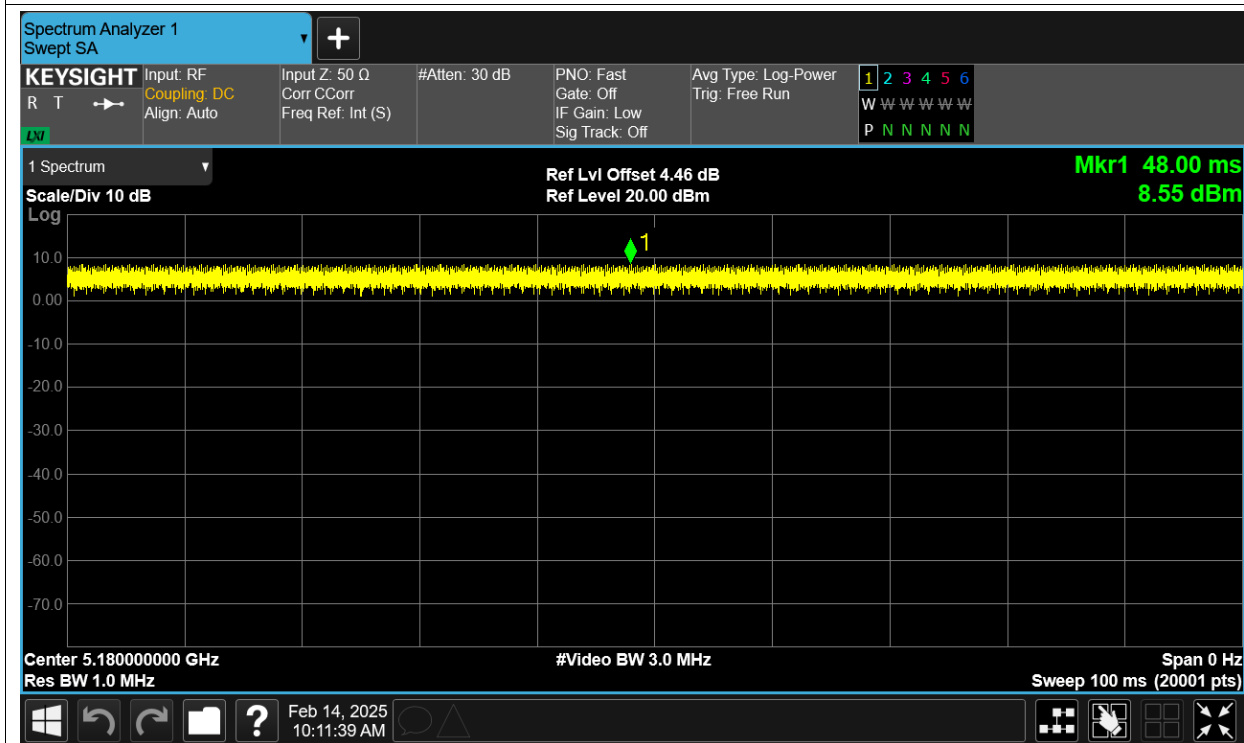
Duty Cycle NVNT ac40 5230MHz Ant2



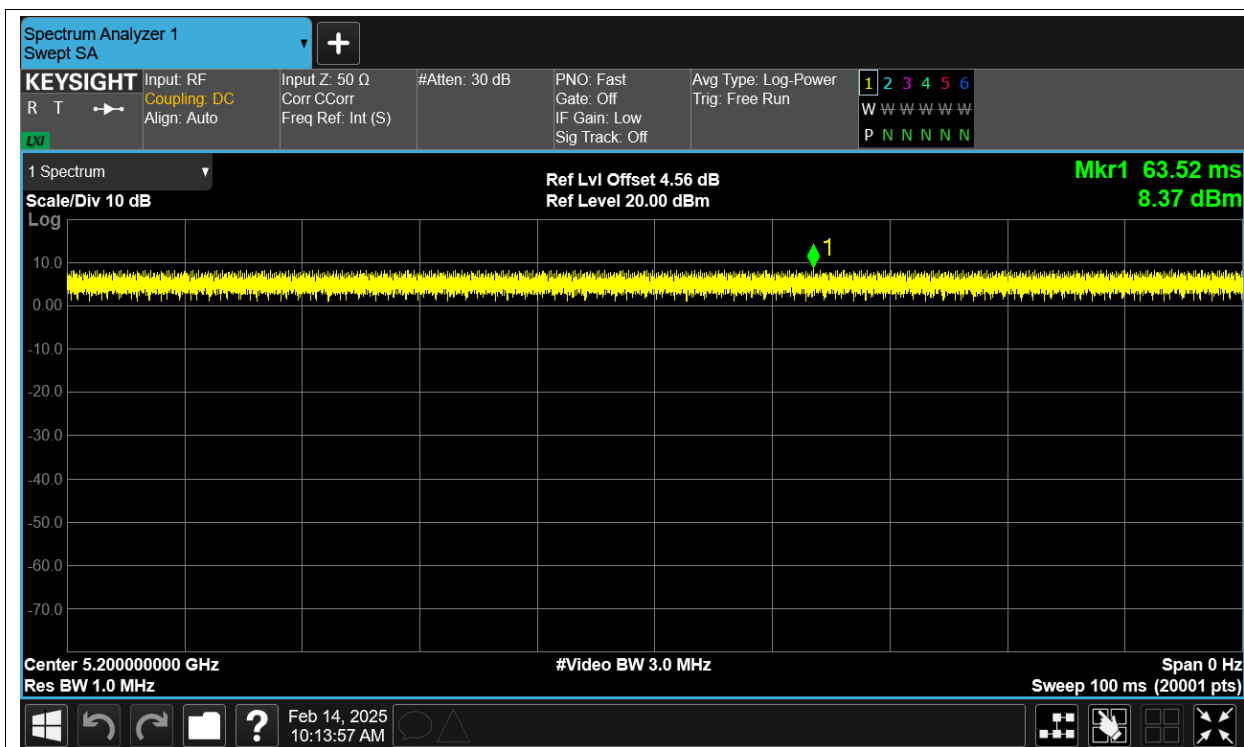
Duty Cycle NVNT ac80 5210MHz Ant2



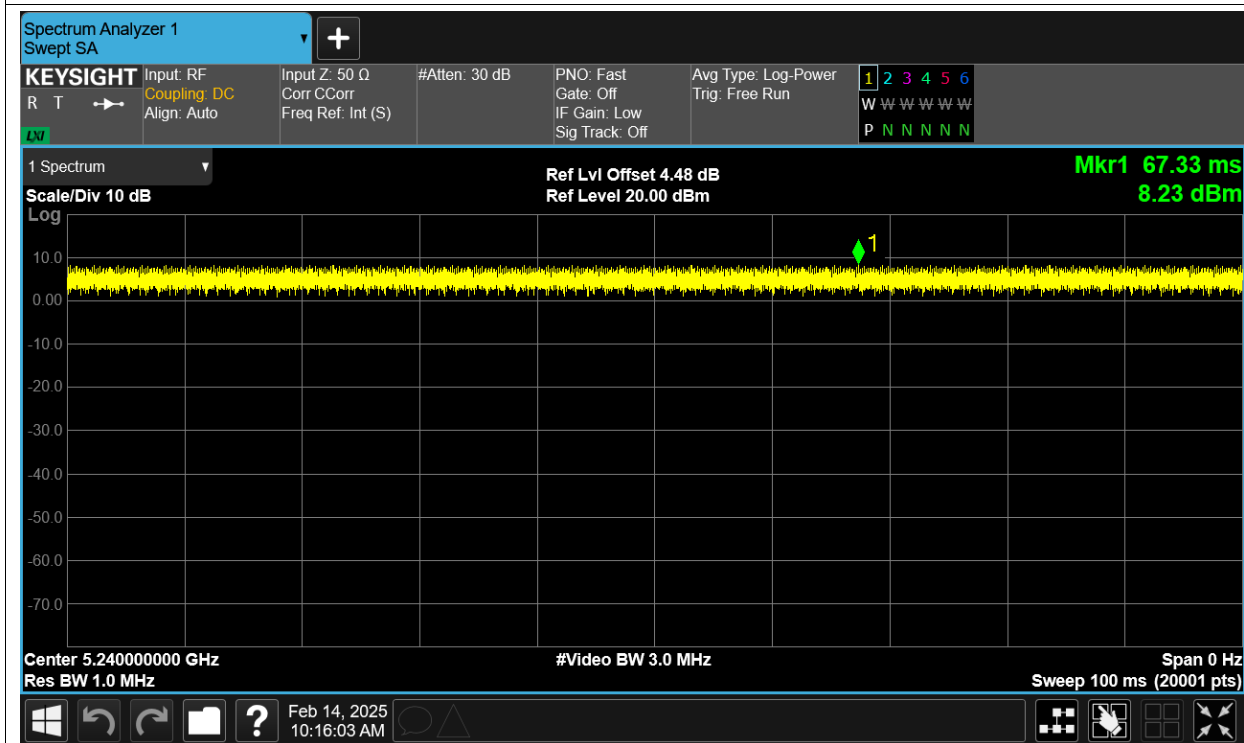
Duty Cycle NVNT n20 5180MHz Ant2



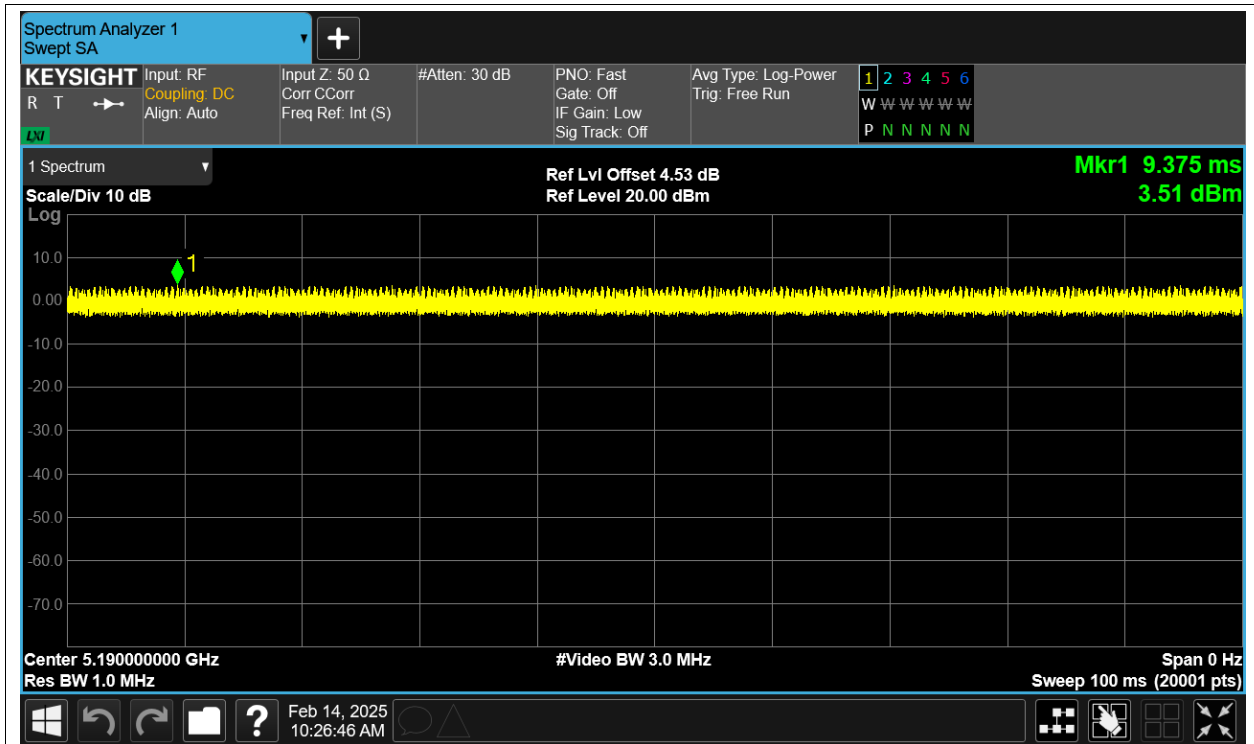
Duty Cycle NVNT n20 5200MHz Ant2



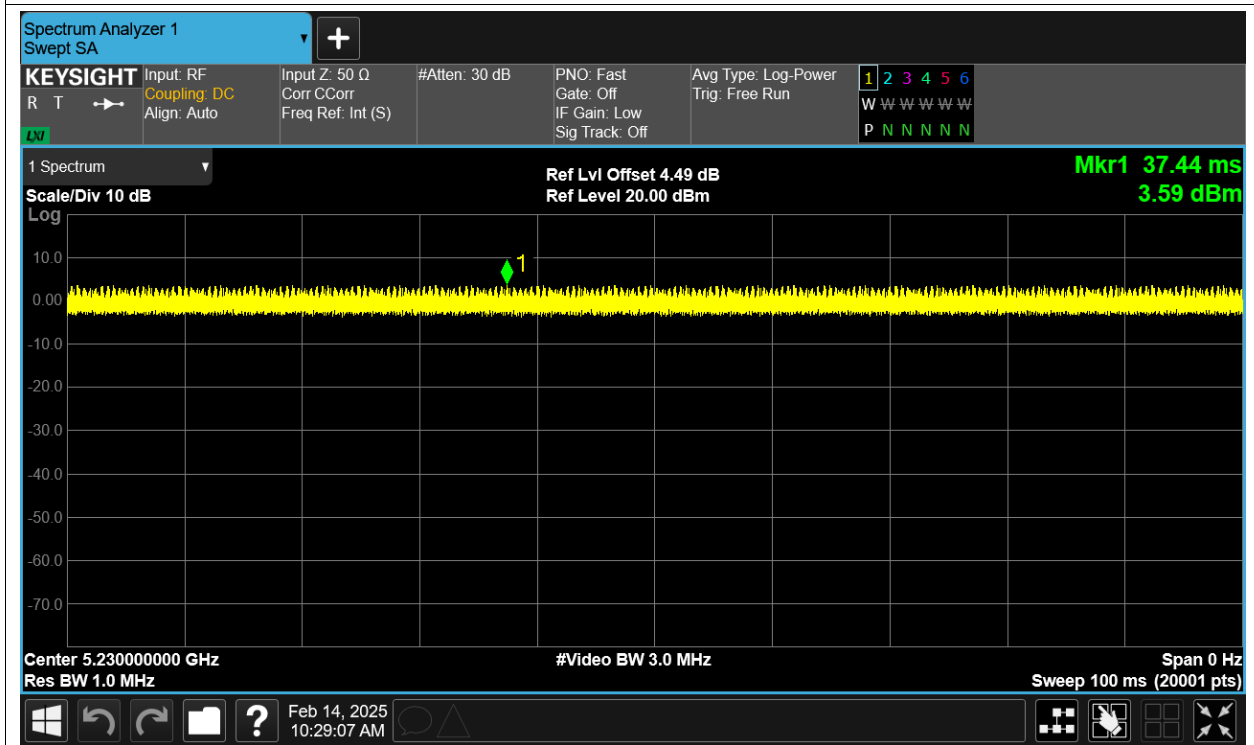
Duty Cycle NVNT n20 5240MHz Ant2



Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2

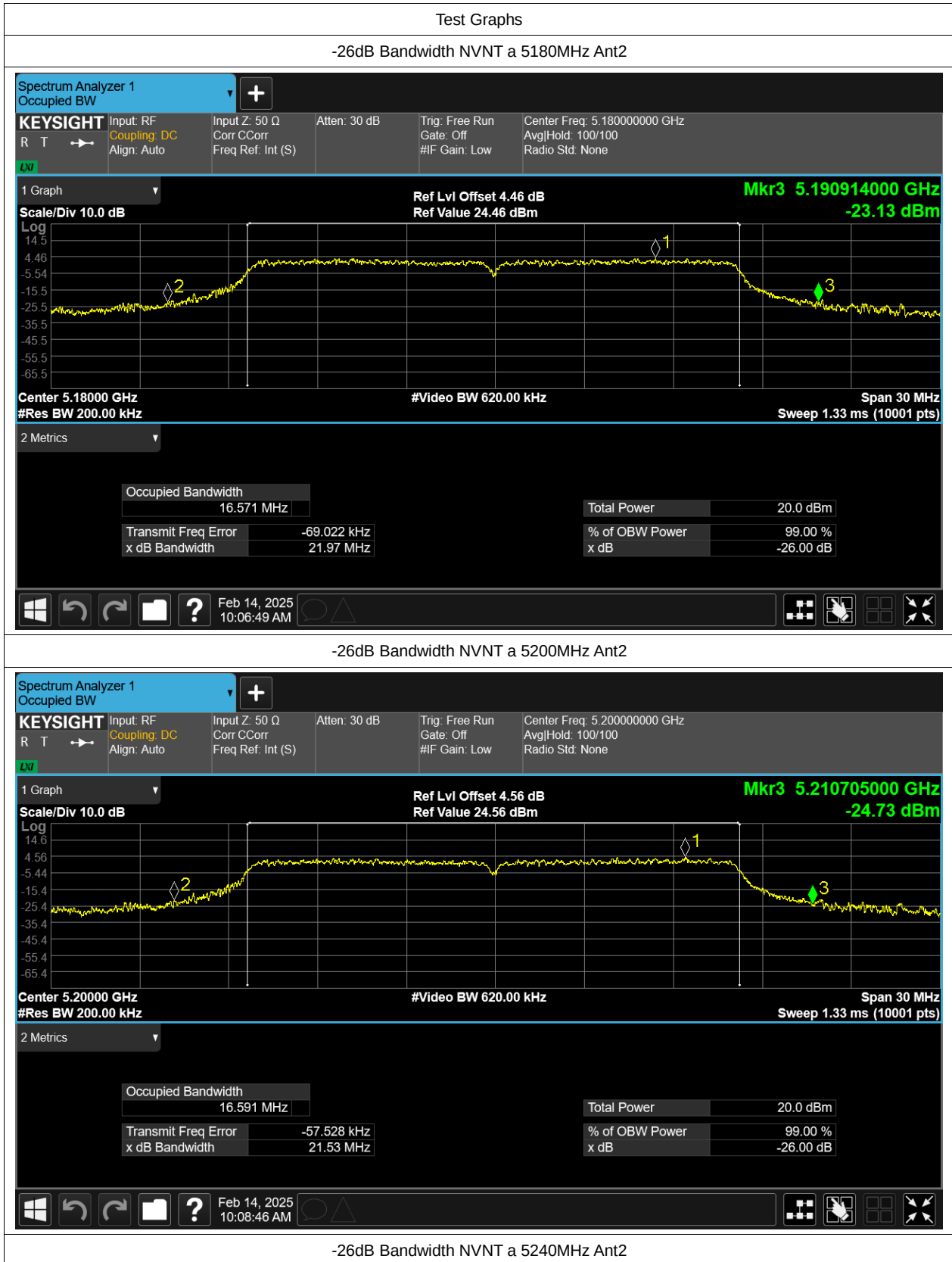


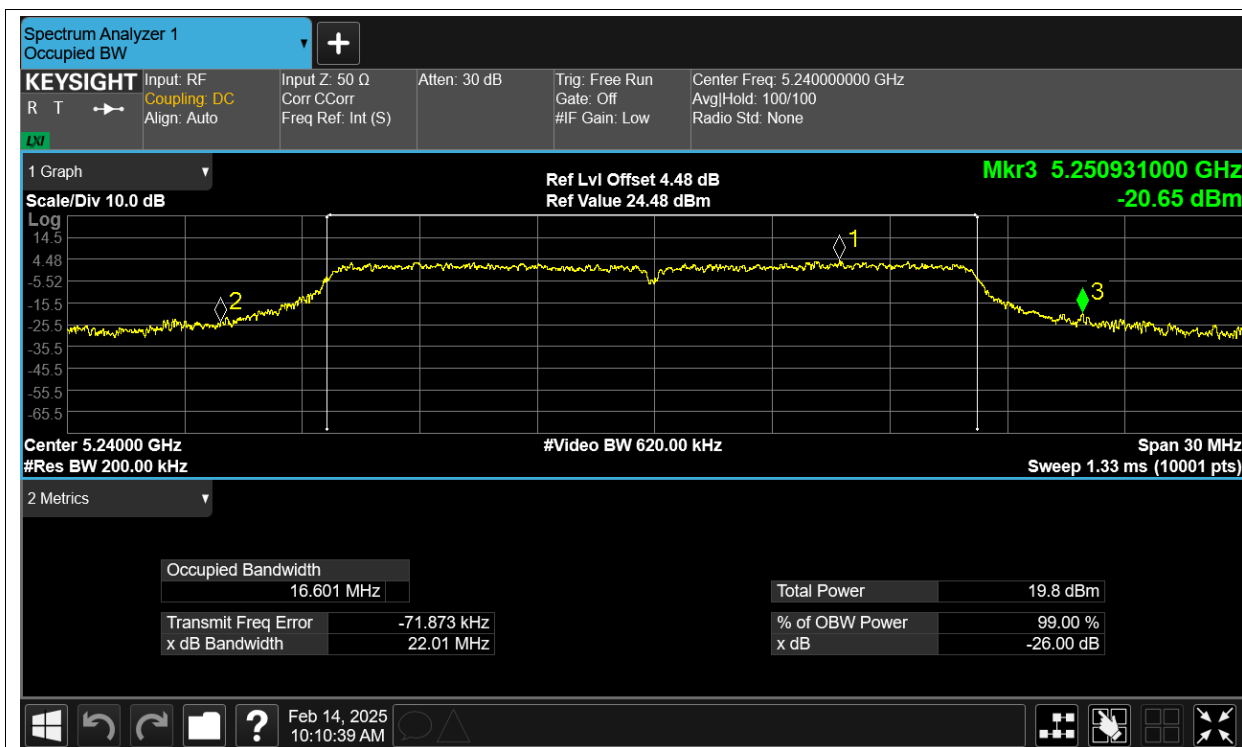
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	14.75	0	14.75	24	Pass
NVNT	a	5200	Ant2	14.51	0	14.51	24	Pass
NVNT	a	5240	Ant2	15.2	0	15.2	24	Pass
NVNT	ac20	5180	Ant2	14.17	0	14.17	24	Pass
NVNT	ac20	5200	Ant2	14.01	0	14.01	24	Pass
NVNT	ac20	5240	Ant2	14.69	0	14.69	24	Pass
NVNT	ac40	5190	Ant2	14.25	0	14.25	23	Pass
NVNT	ac40	5230	Ant2	14.65	0	14.65	24	Pass
NVNT	ac80	5210	Ant2	14.03	0	14.03	24	Pass
NVNT	n20	5180	Ant2	14.25	0	14.25	24	Pass
NVNT	n20	5200	Ant2	14.02	0	14.02	24	Pass
NVNT	n20	5240	Ant2	14.71	0	14.71	24	Pass
NVNT	n40	5190	Ant2	14.21	0	14.21	24	Pass
NVNT	n40	5230	Ant2	14.71	0	14.71	24	Pass

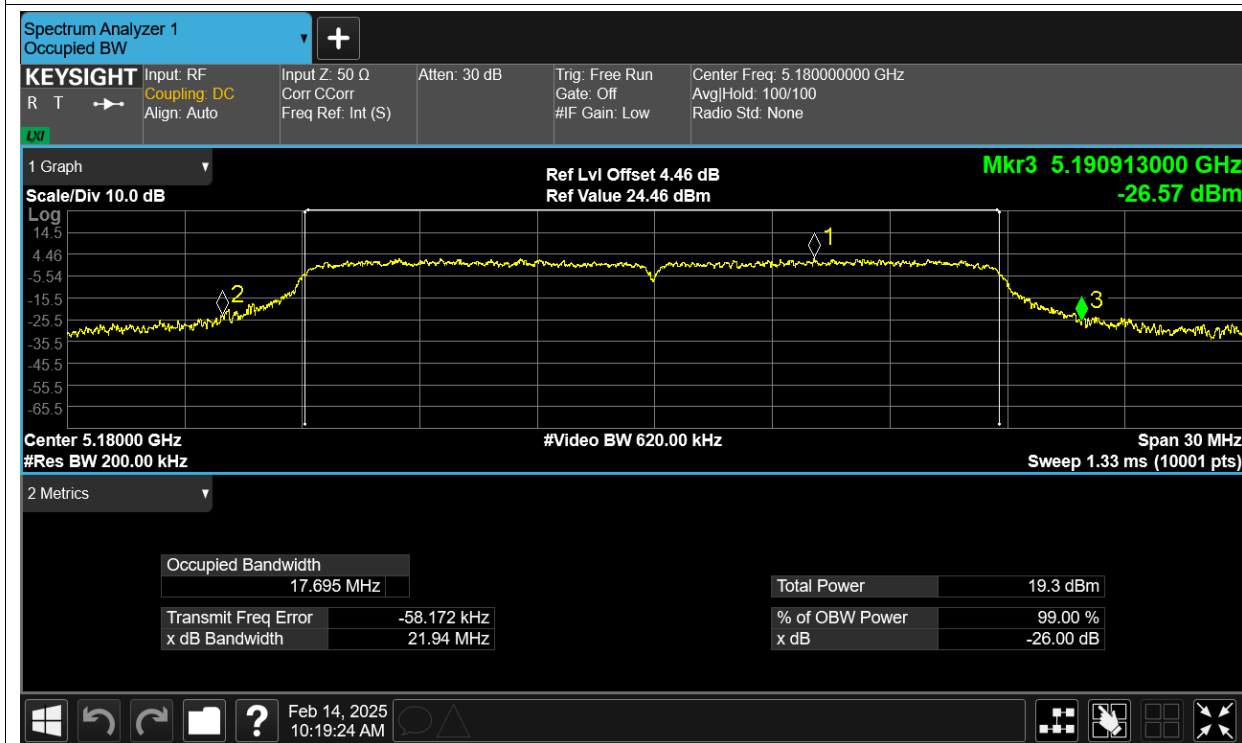
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant2	21.966
NVNT	a	5200	Ant2	21.525
NVNT	a	5240	Ant2	22.006
NVNT	ac20	5180	Ant2	21.943
NVNT	ac20	5200	Ant2	22.191
NVNT	ac20	5240	Ant2	22.058
NVNT	ac40	5190	Ant2	42.226
NVNT	ac40	5230	Ant2	41.124
NVNT	ac80	5210	Ant2	83.786
NVNT	n20	5180	Ant2	21.681
NVNT	n20	5200	Ant2	21.878
NVNT	n20	5240	Ant2	21.613
NVNT	n40	5190	Ant2	42.943
NVNT	n40	5230	Ant2	41.524

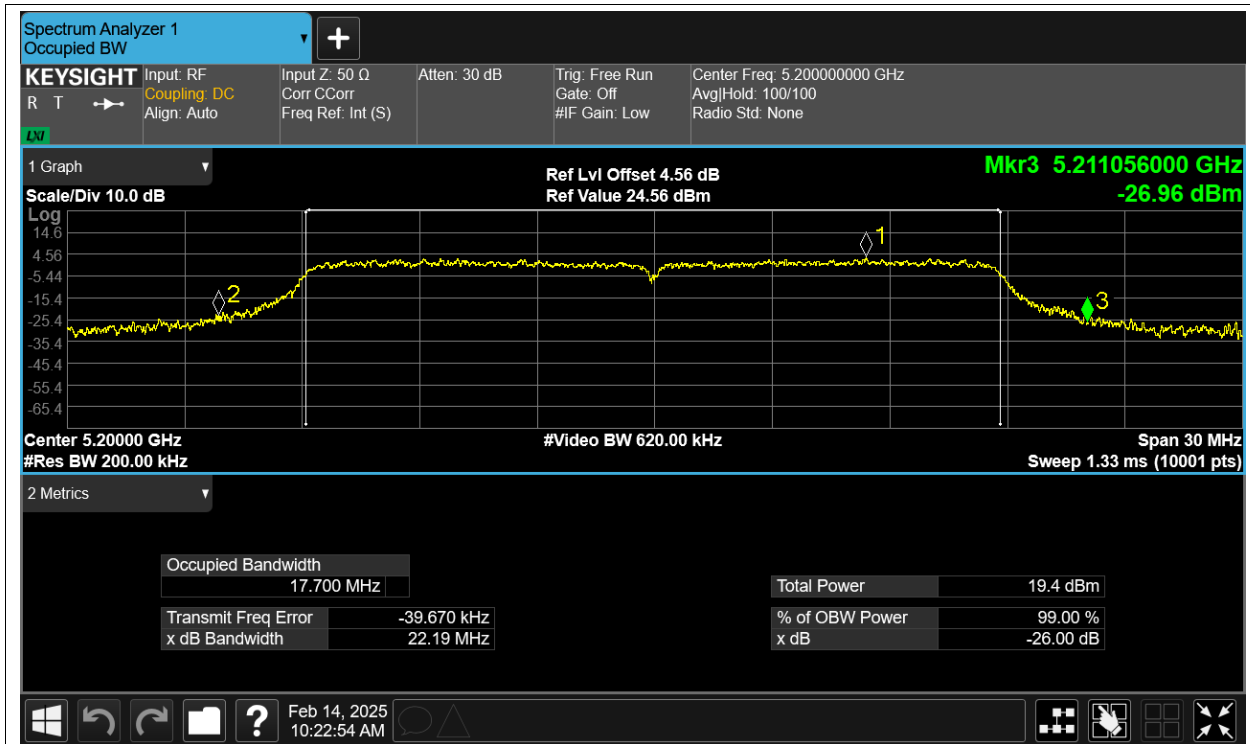




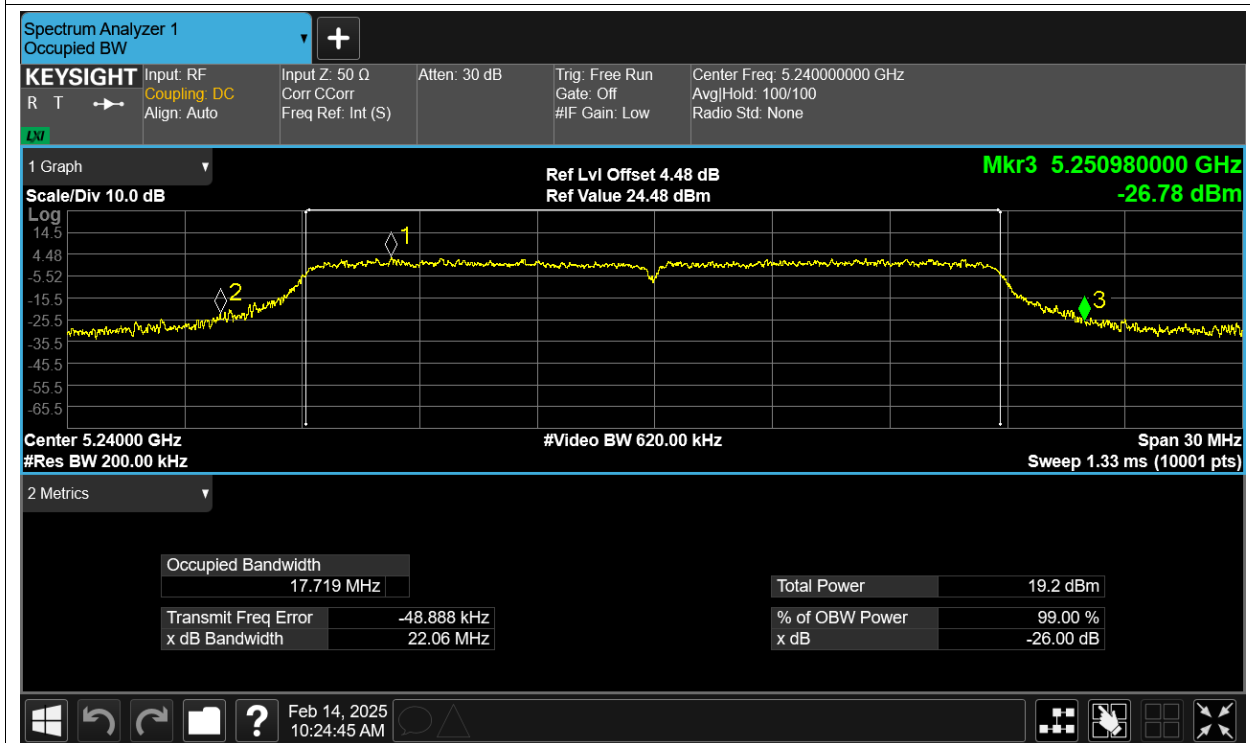
-26dB Bandwidth NVNT ac20 5180MHz Ant2



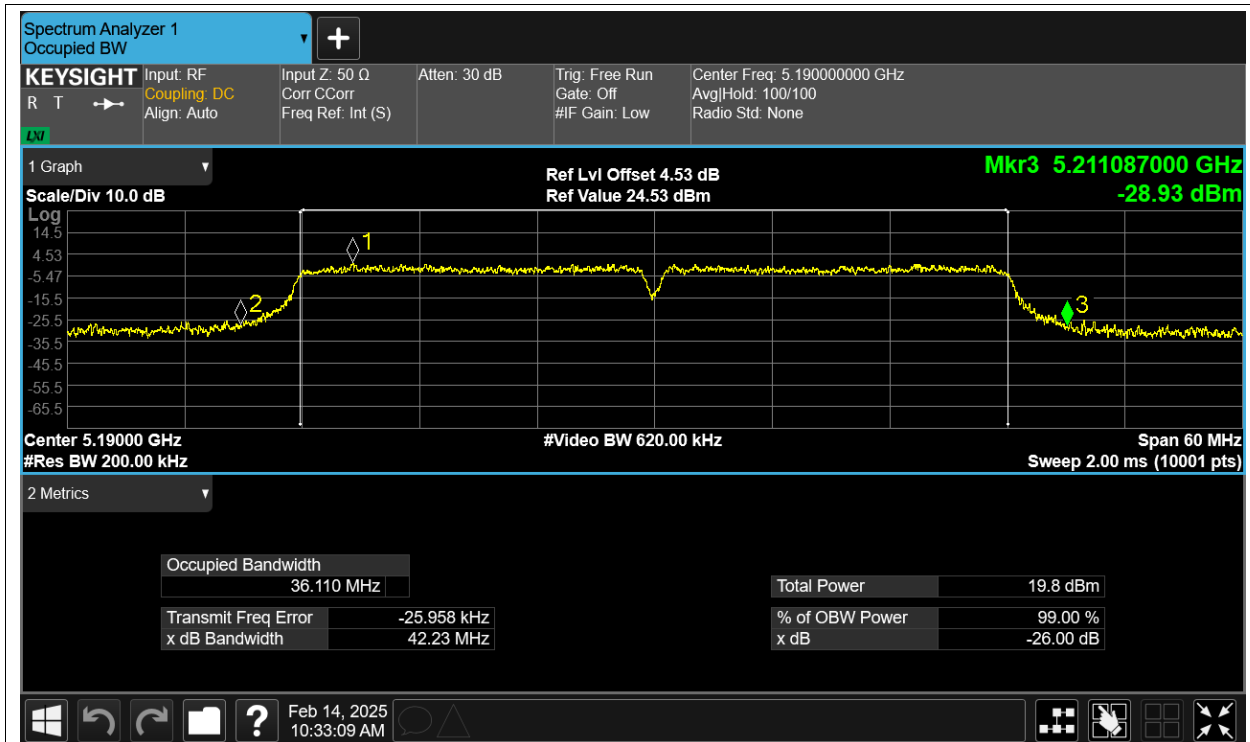
-26dB Bandwidth NVNT ac20 5200MHz Ant2



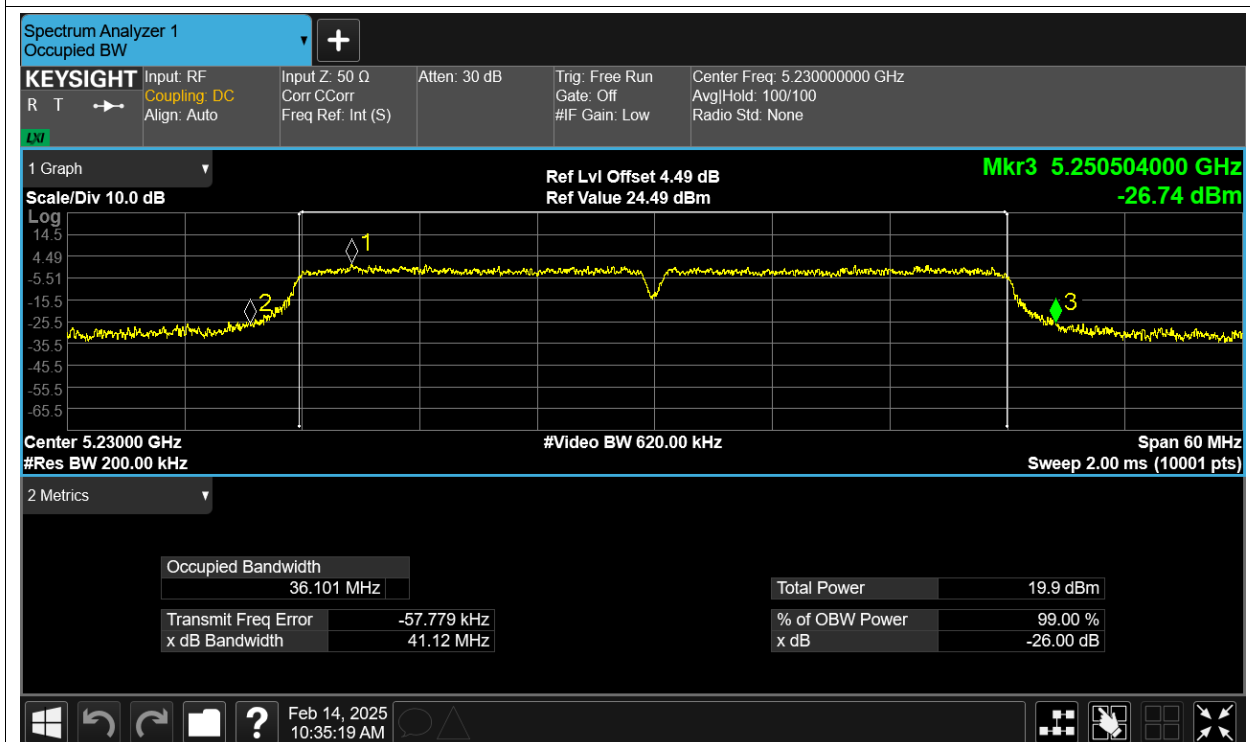
-26dB Bandwidth NVNT ac20 5240MHz Ant2



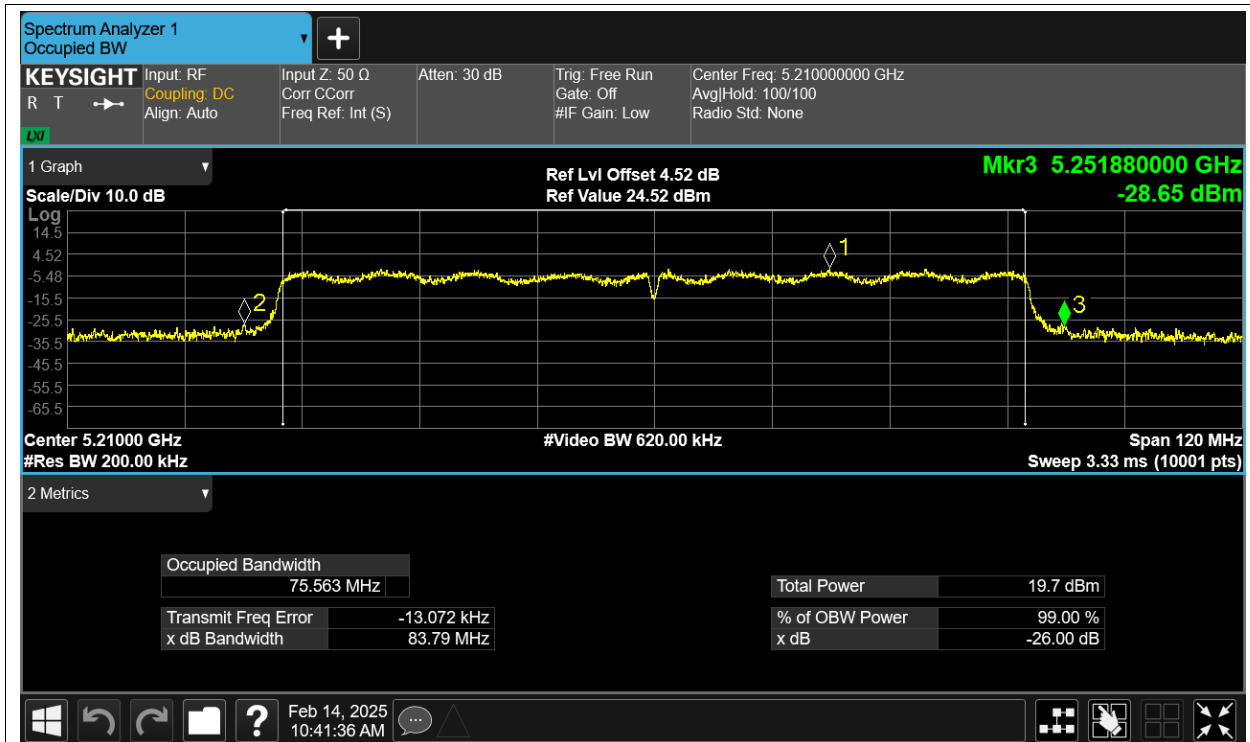
-26dB Bandwidth NVNT ac40 5190MHz Ant2



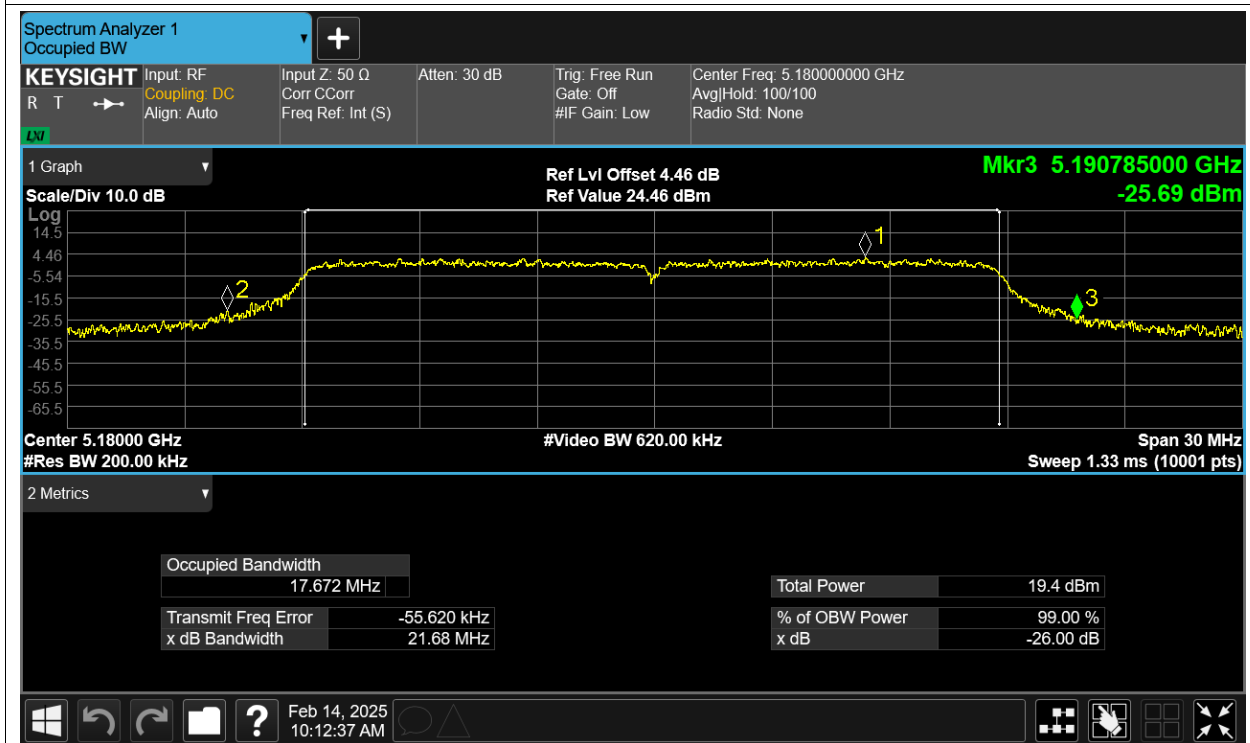
-26dB Bandwidth NVNT ac40 5230MHz Ant2



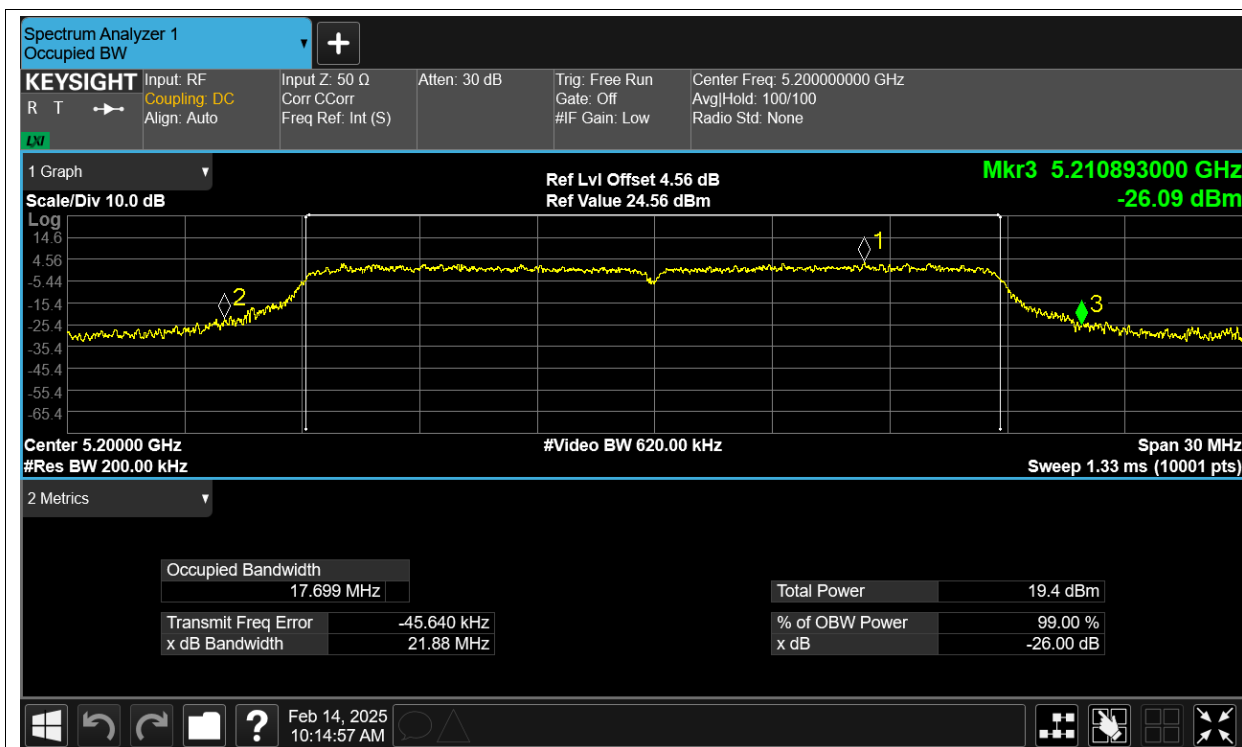
-26dB Bandwidth NVNT ac80 5210MHz Ant2



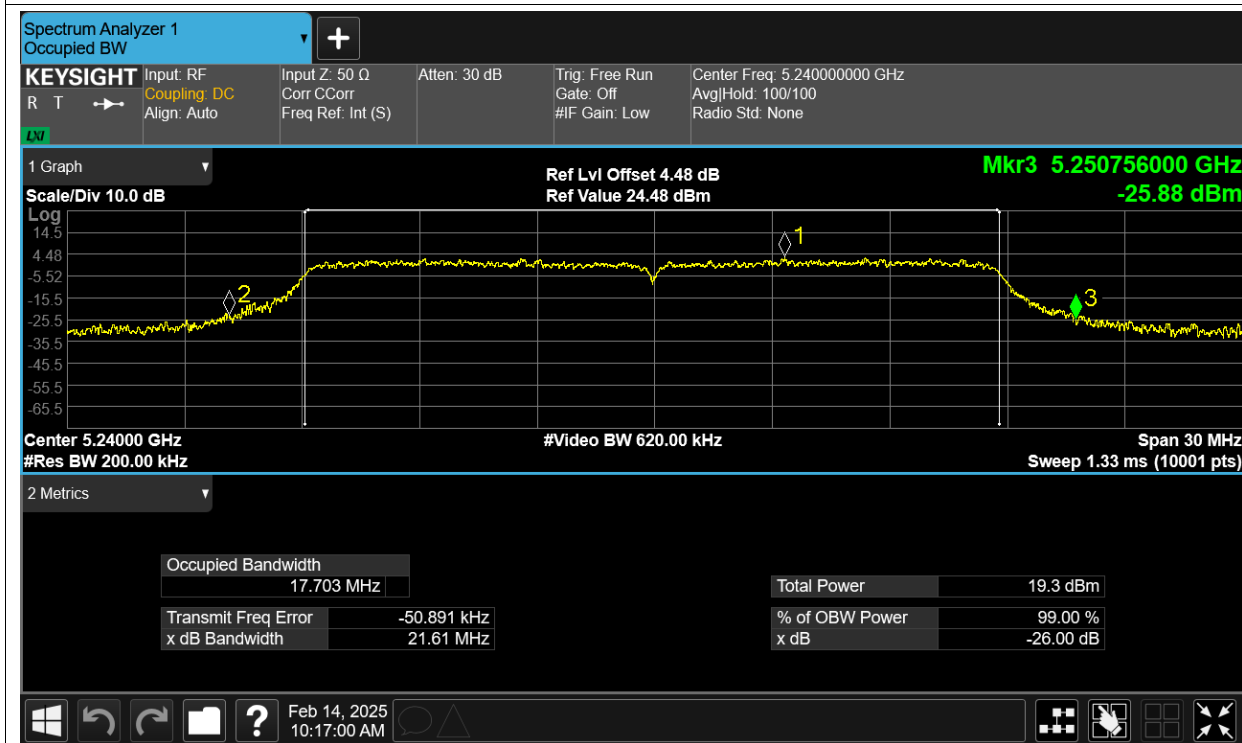
-26dB Bandwidth NVNT n20 5180MHz Ant2



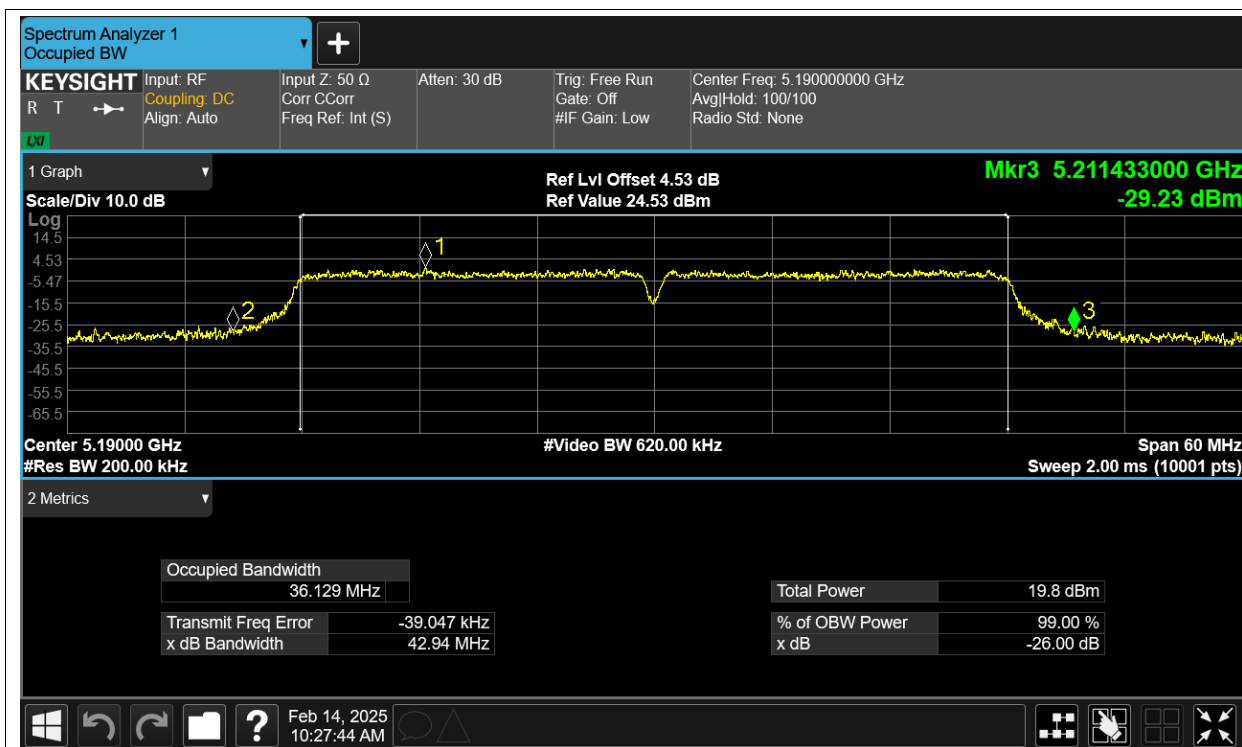
-26dB Bandwidth NVNT n20 5200MHz Ant2



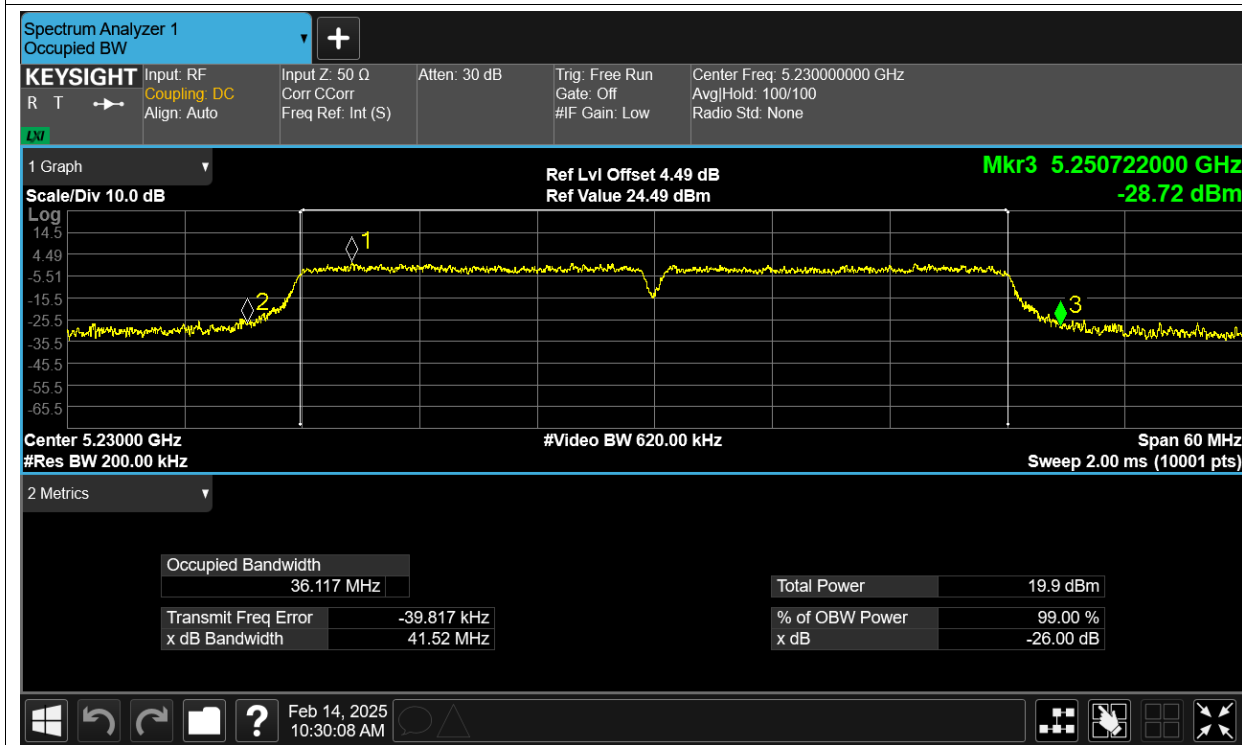
-26dB Bandwidth NVNT n20 5240MHz Ant2



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2

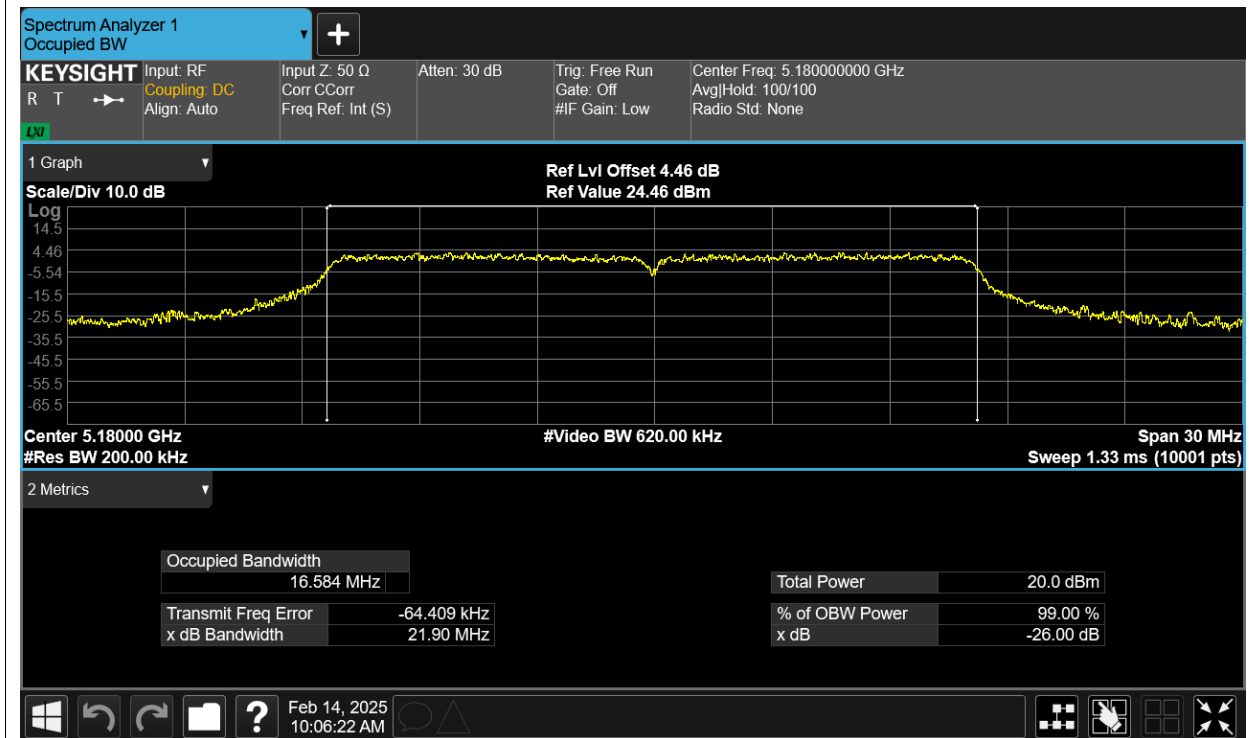


Occupied Channel Bandwidth

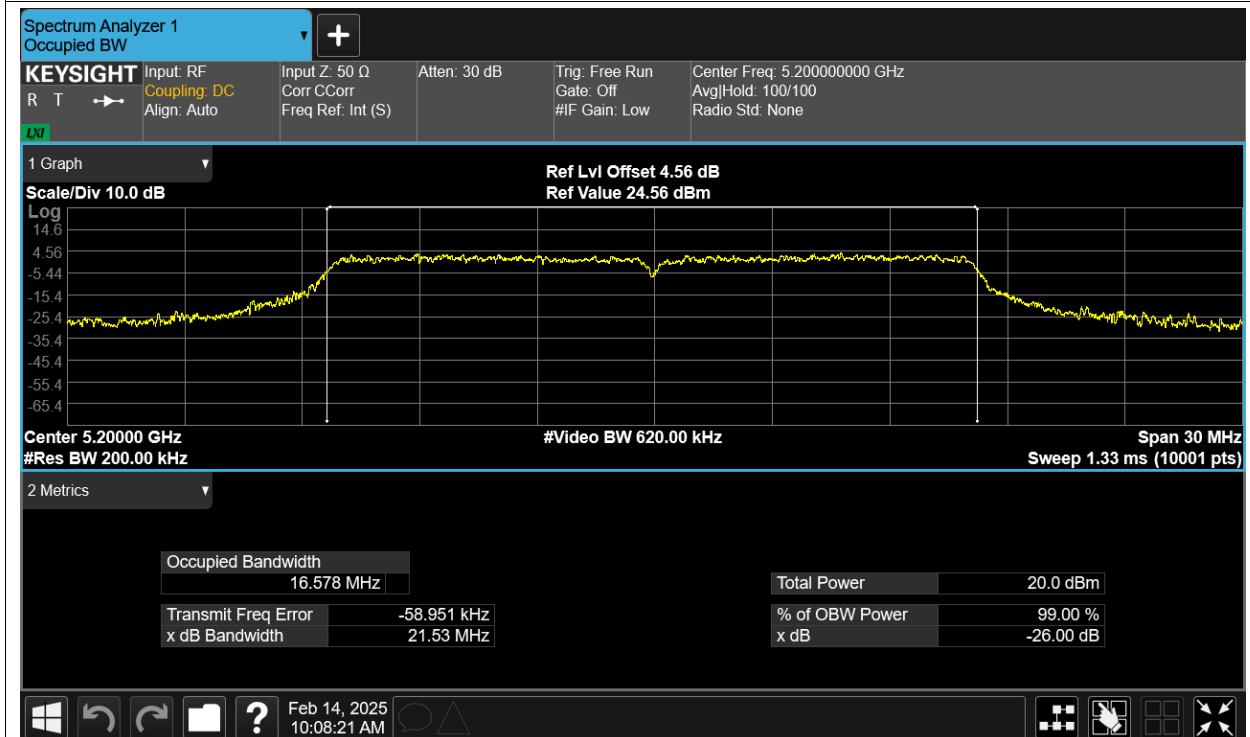
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant2	16.584
NVNT	a	5200	Ant2	16.578
NVNT	a	5240	Ant2	16.59
NVNT	ac20	5180	Ant2	17.694
NVNT	ac20	5200	Ant2	17.744
NVNT	ac20	5240	Ant2	17.736
NVNT	ac40	5190	Ant2	36.224
NVNT	ac40	5230	Ant2	36.249
NVNT	ac80	5210	Ant2	75.685
NVNT	n20	5180	Ant2	17.678
NVNT	n20	5200	Ant2	17.704
NVNT	n20	5240	Ant2	17.722
NVNT	n40	5190	Ant2	36.219
NVNT	n40	5230	Ant2	36.232

Test Graphs

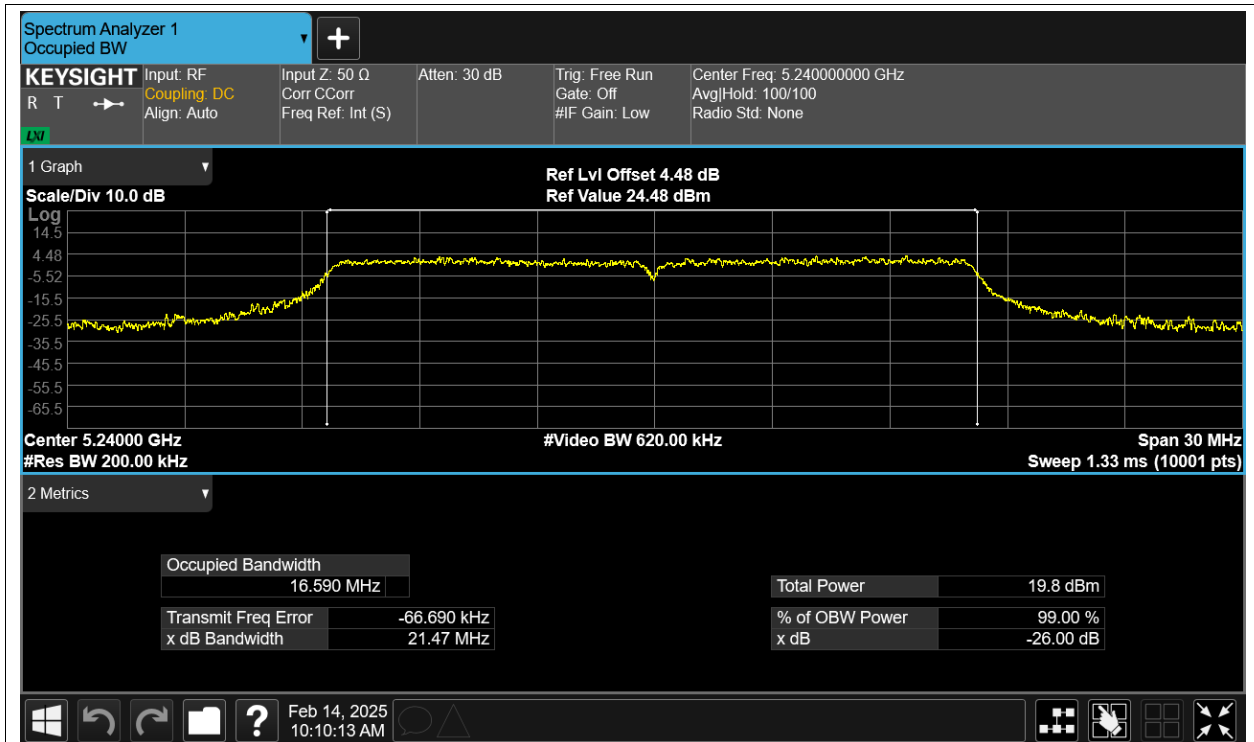
OBW NVNT a 5180MHz Ant2



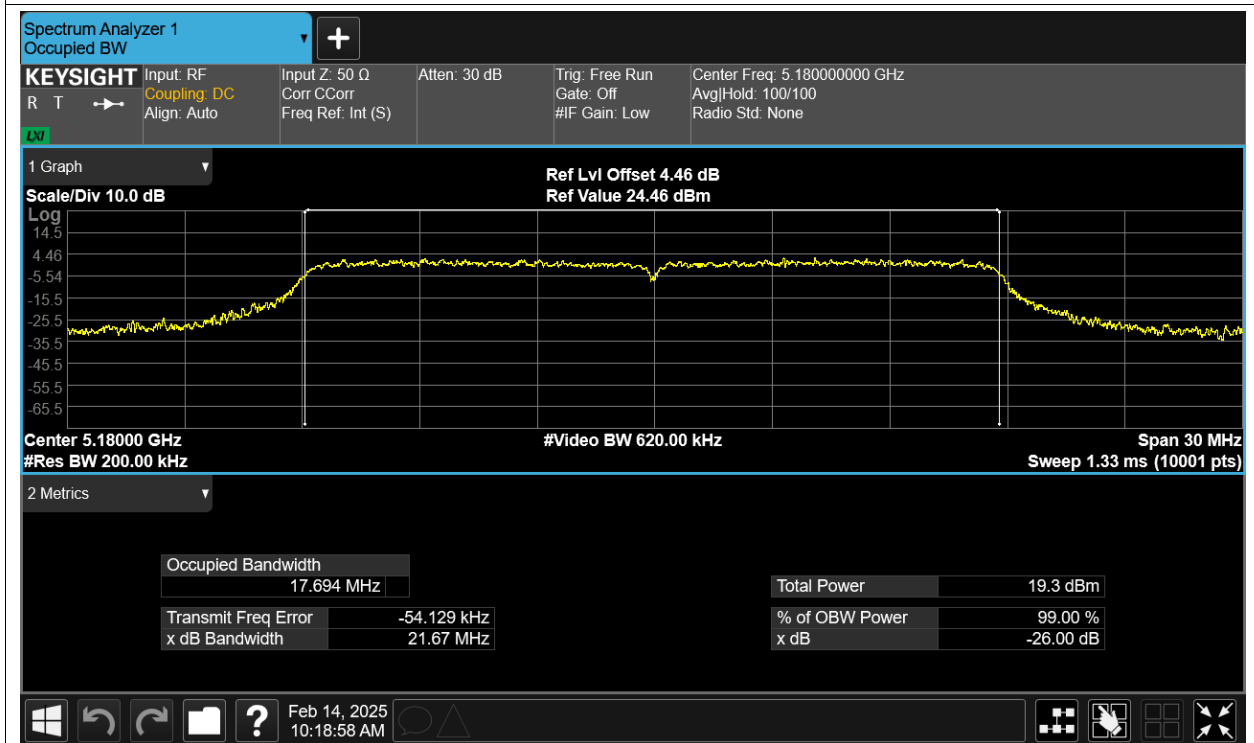
OBW NVNT a 5200MHz Ant2



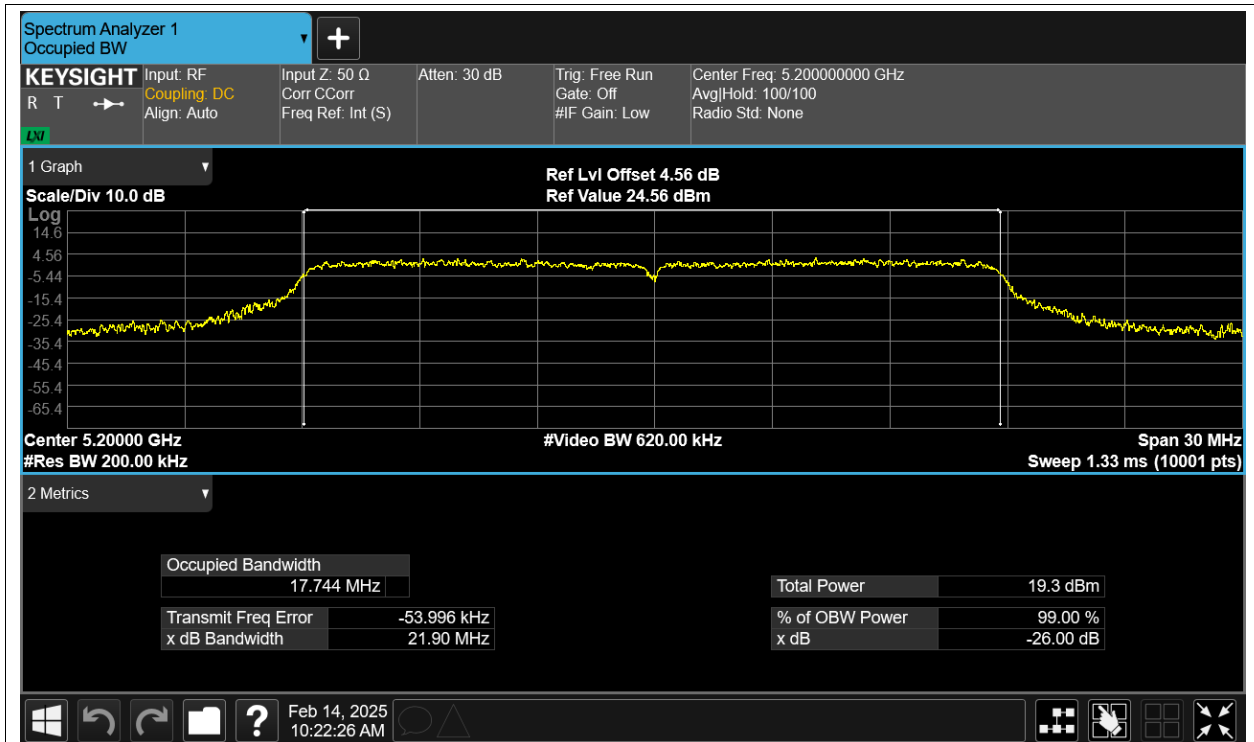
OBW NVNT a 5240MHz Ant2



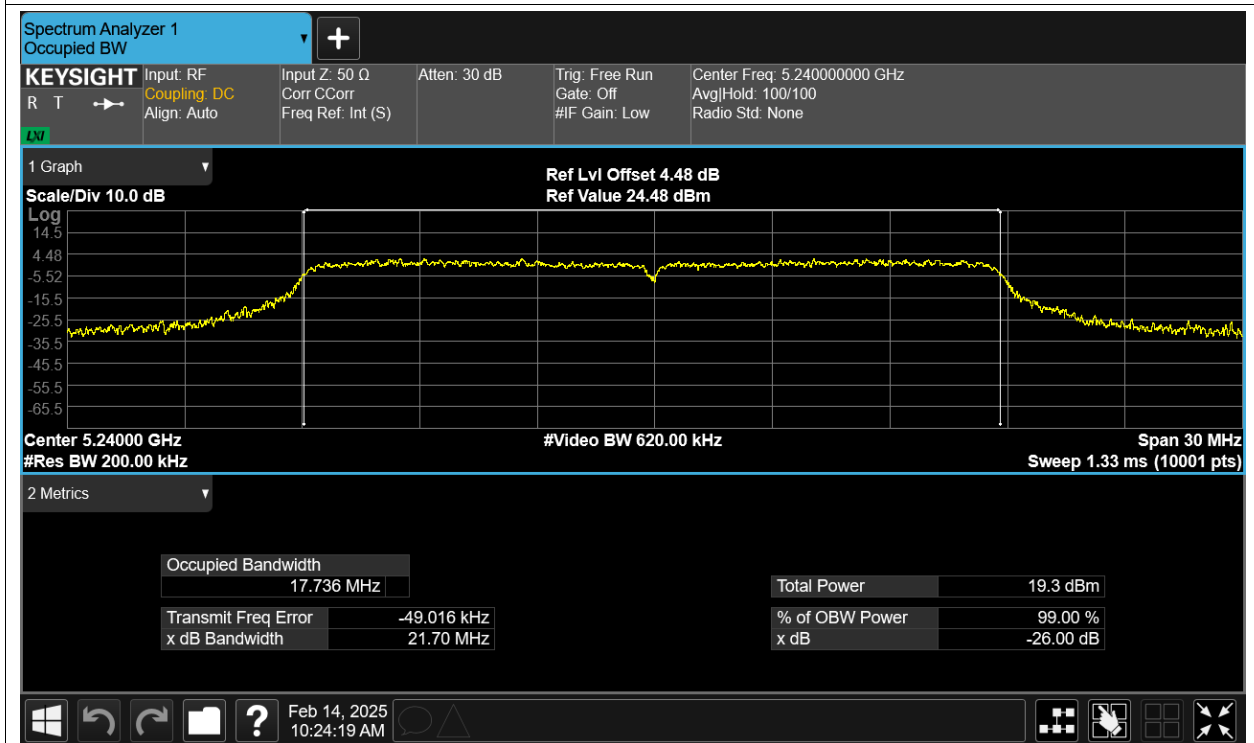
OBW NVNT ac20 5180MHz Ant2



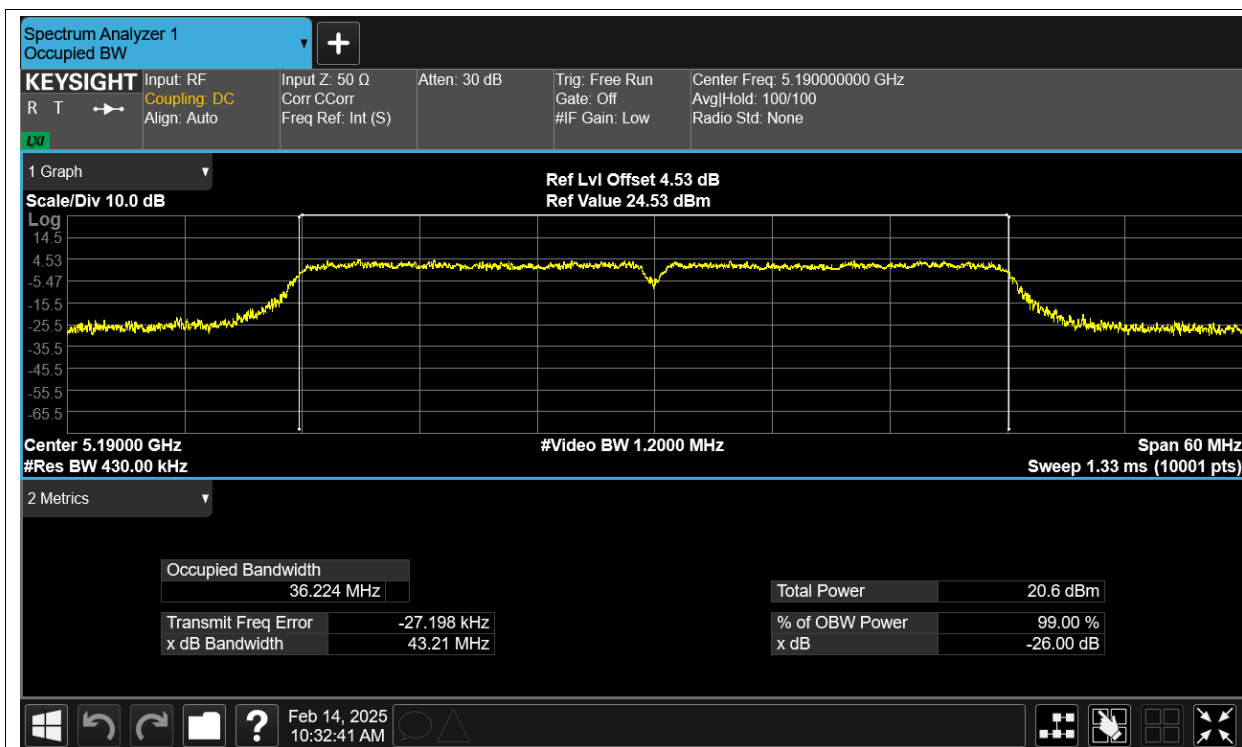
OBW NVNT ac20 5200MHz Ant2



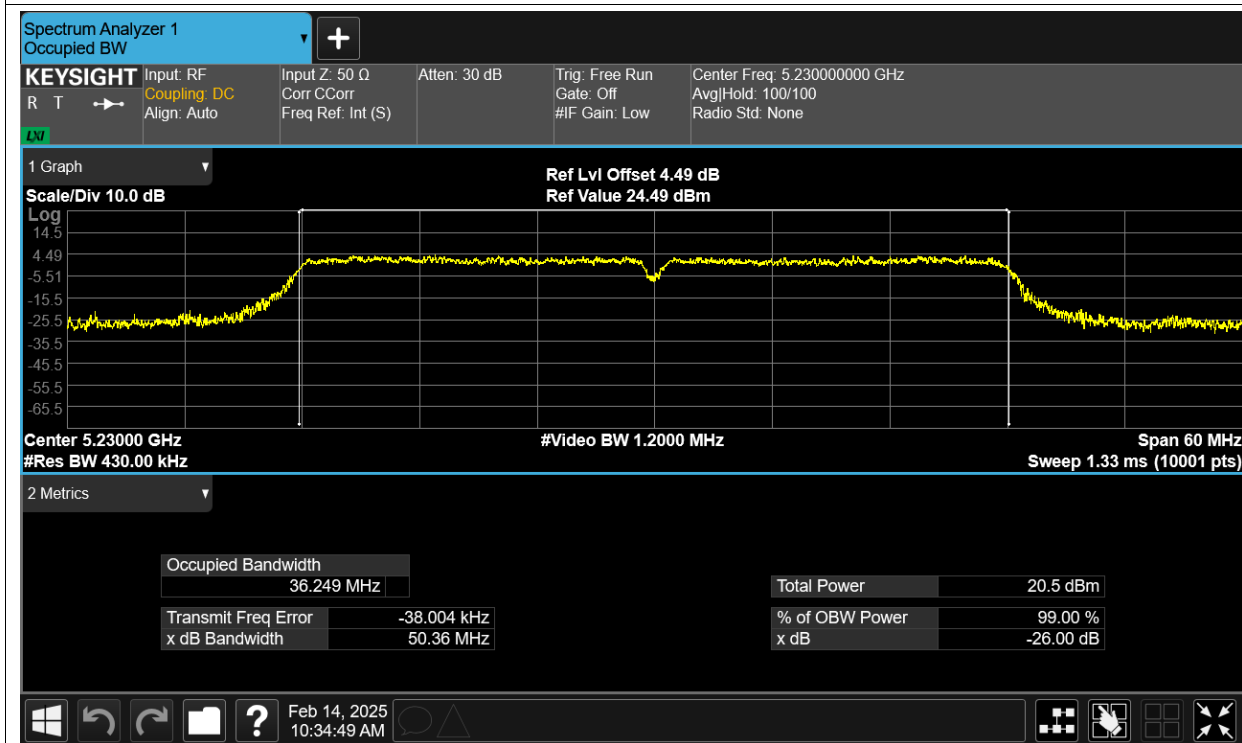
OBW NVNT ac20 5240MHz Ant2



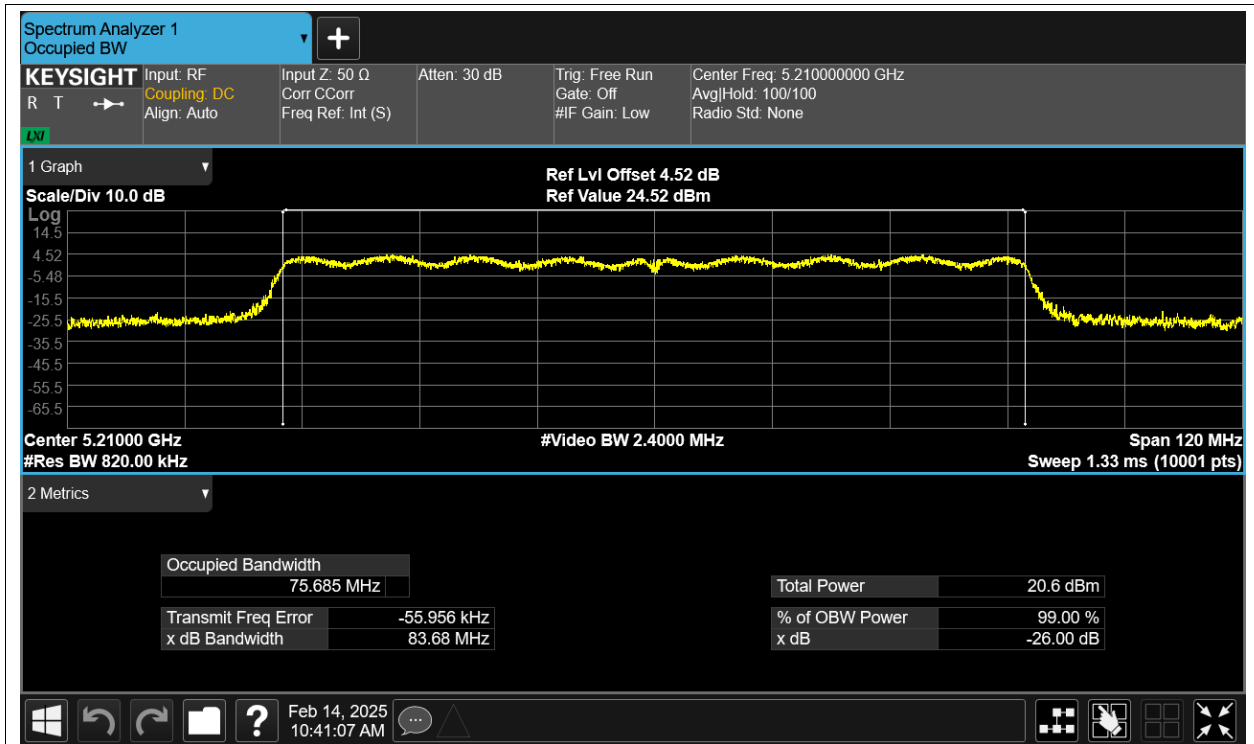
OBW NVNT ac40 5190MHz Ant2



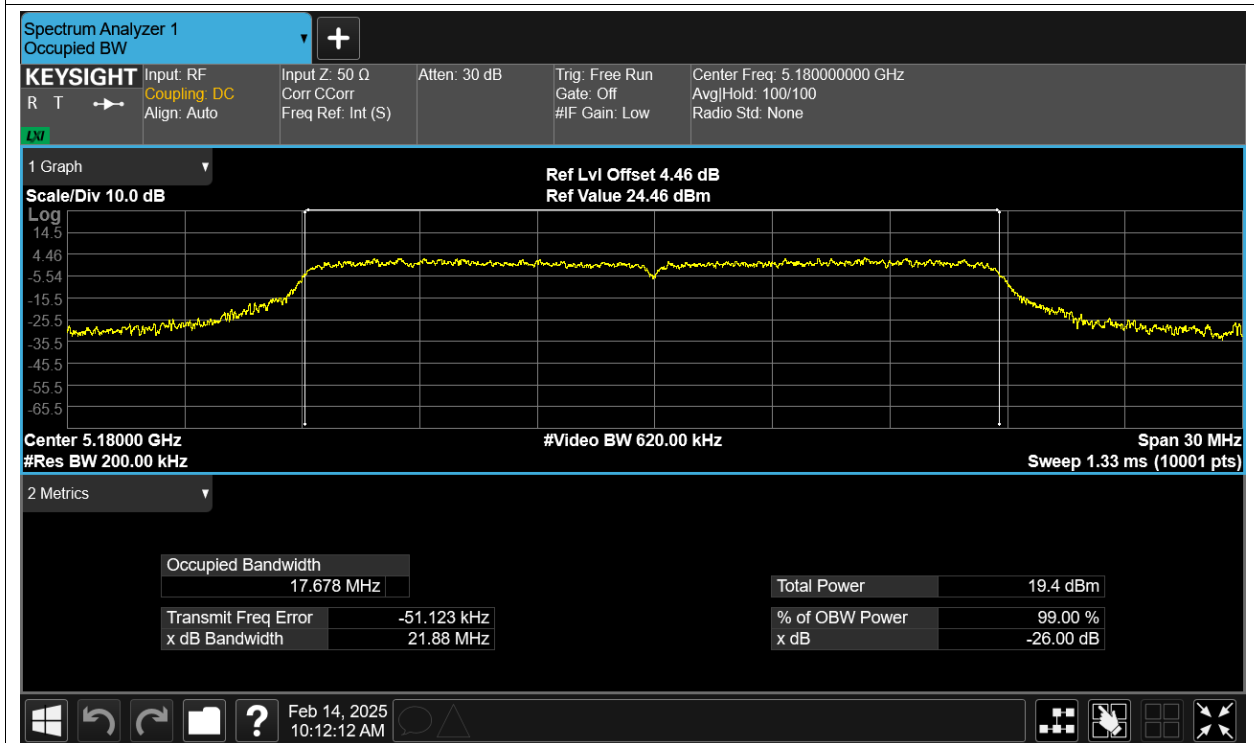
OBW NVNT ac40 5230MHz Ant2



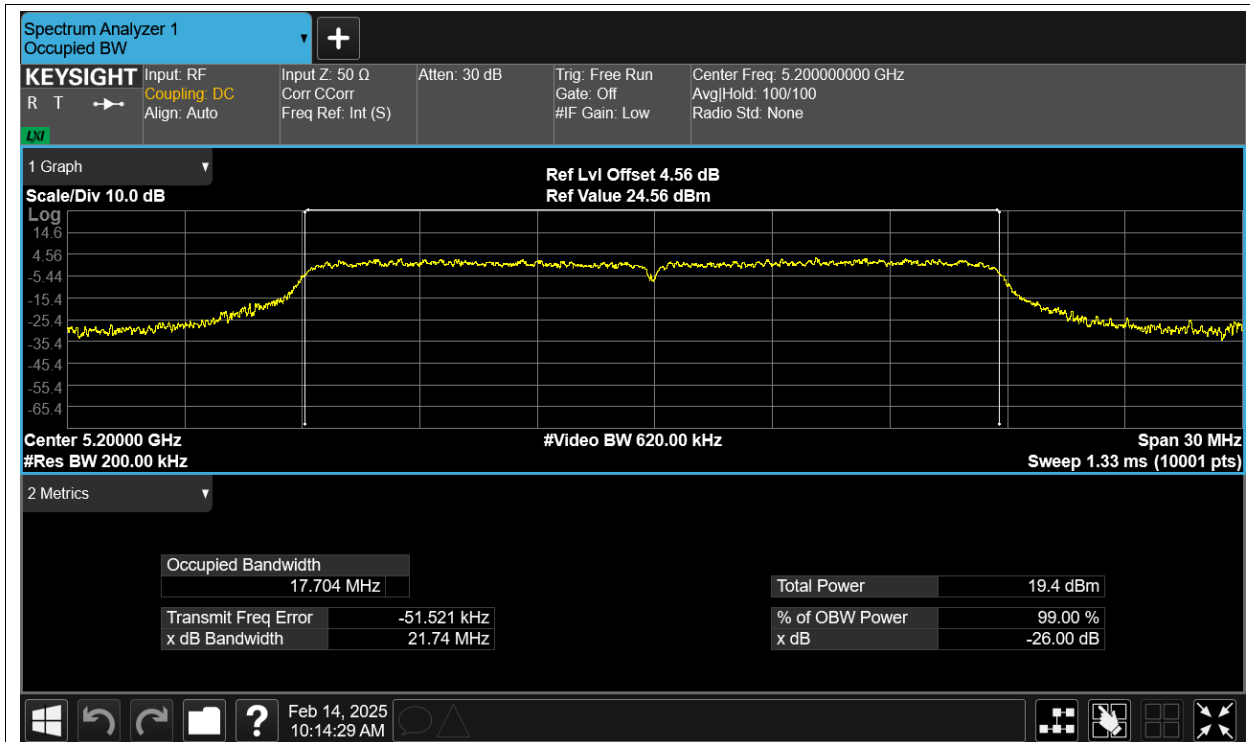
OBW NVNT ac80 5210MHz Ant2



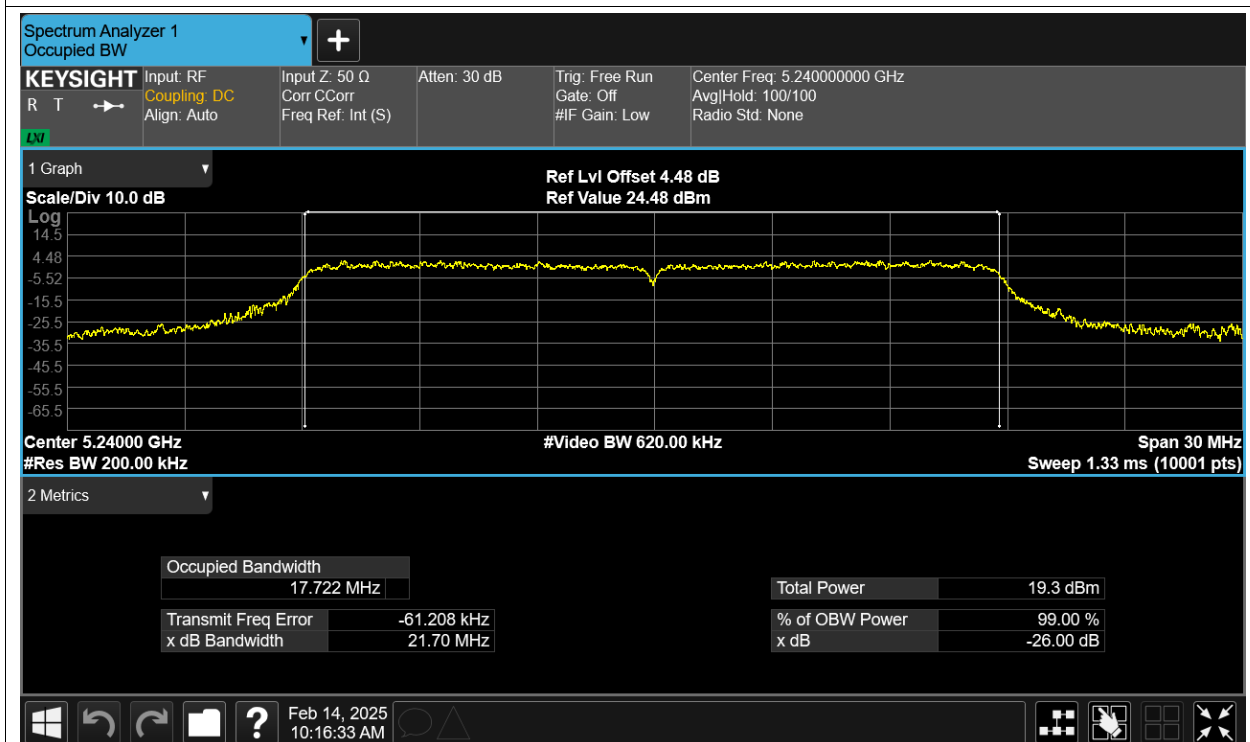
OBW NVNT n20 5180MHz Ant2



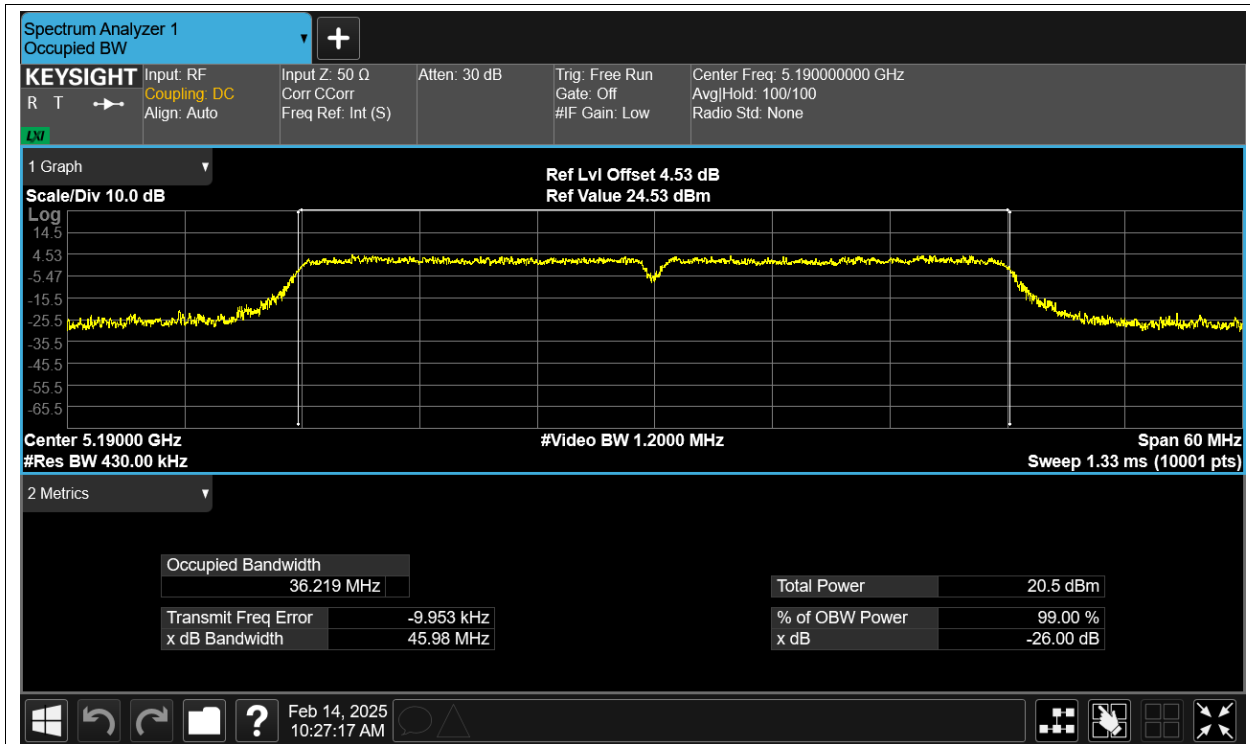
OBW NVNT n20 5200MHz Ant2



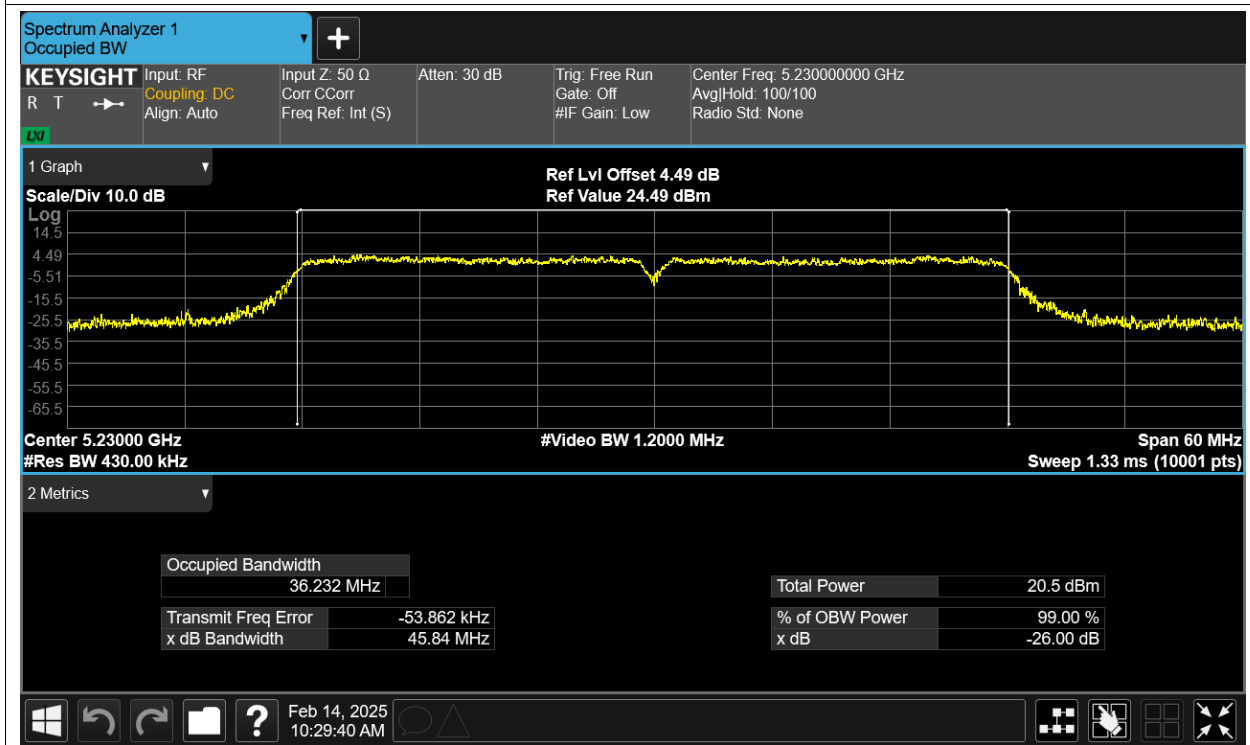
OBW NVNT n20 5240MHz Ant2



OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant2

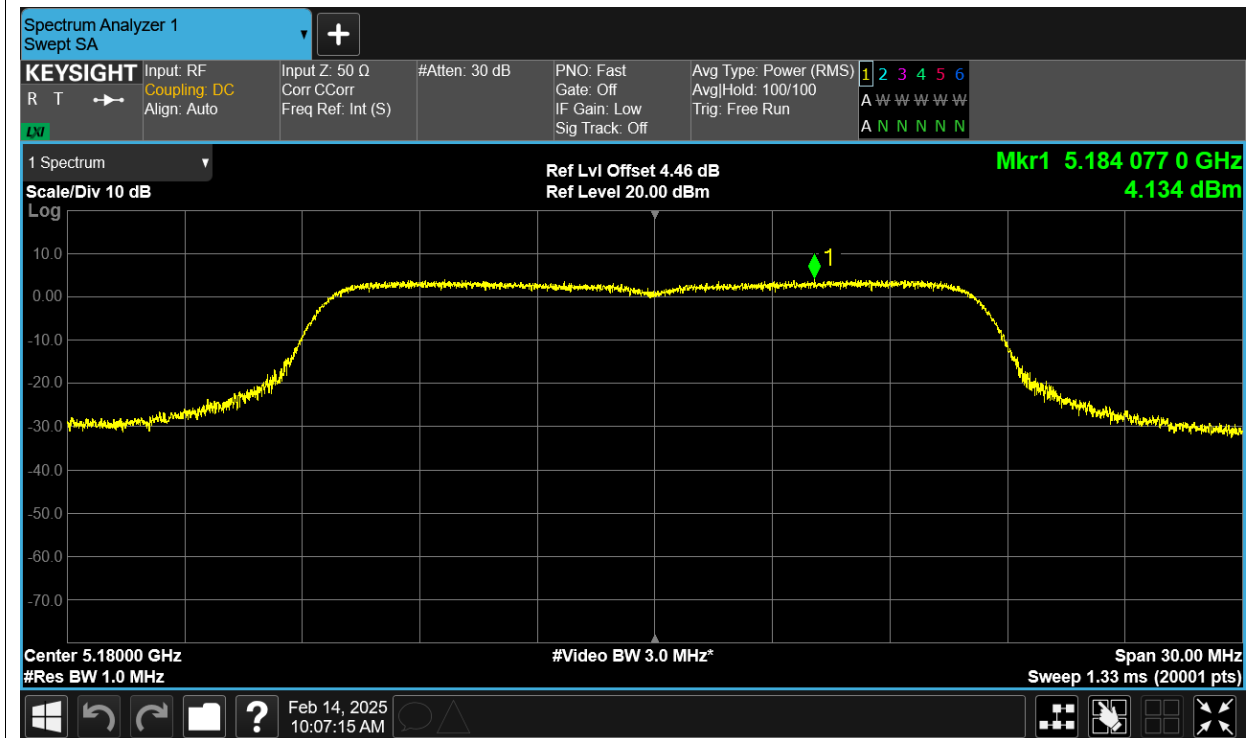


Maximum Power Spectral Density Level

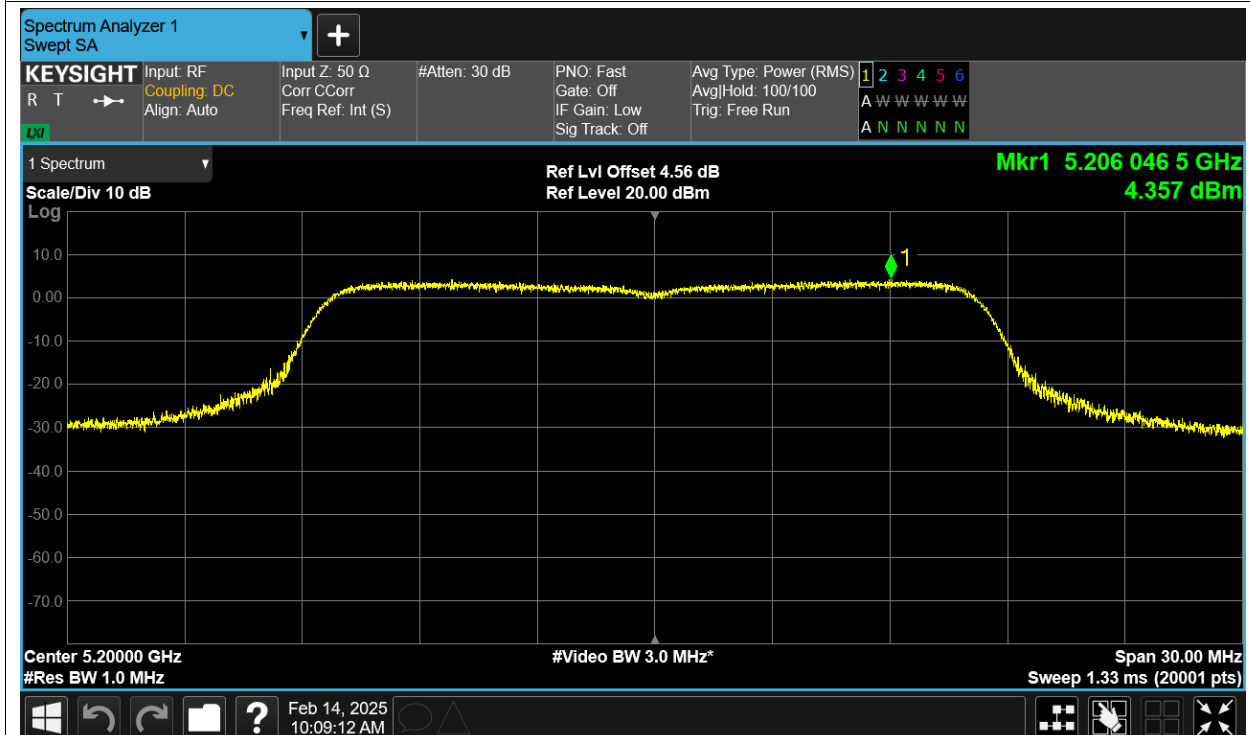
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	4.134	11	Pass
NVNT	a	5200	Ant2	4.357	11	Pass
NVNT	a	5240	Ant2	4.189	11	Pass
NVNT	ac20	5180	Ant2	3.481	11	Pass
NVNT	ac20	5200	Ant2	3.612	11	Pass
NVNT	ac20	5240	Ant2	3.712	11	Pass
NVNT	ac40	5190	Ant2	1.259	11	Pass
NVNT	ac40	5230	Ant2	1.192	11	Pass
NVNT	ac80	5210	Ant2	-1.298	11	Pass
NVNT	n20	5180	Ant2	3.429	11	Pass
NVNT	n20	5200	Ant2	3.47	11	Pass
NVNT	n20	5240	Ant2	3.774	11	Pass
NVNT	n40	5190	Ant2	1.258	11	Pass
NVNT	n40	5230	Ant2	1.443	11	Pass

Test Graphs

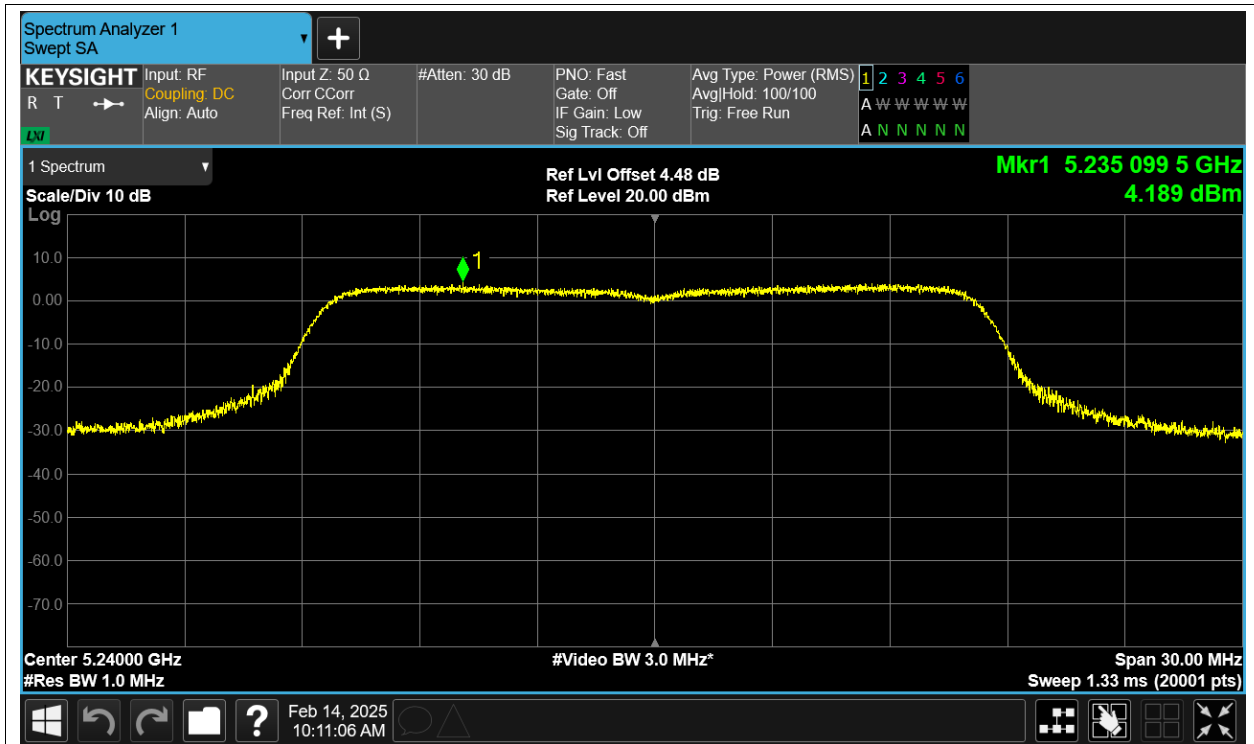
PSD NVNT a 5180MHz Ant2



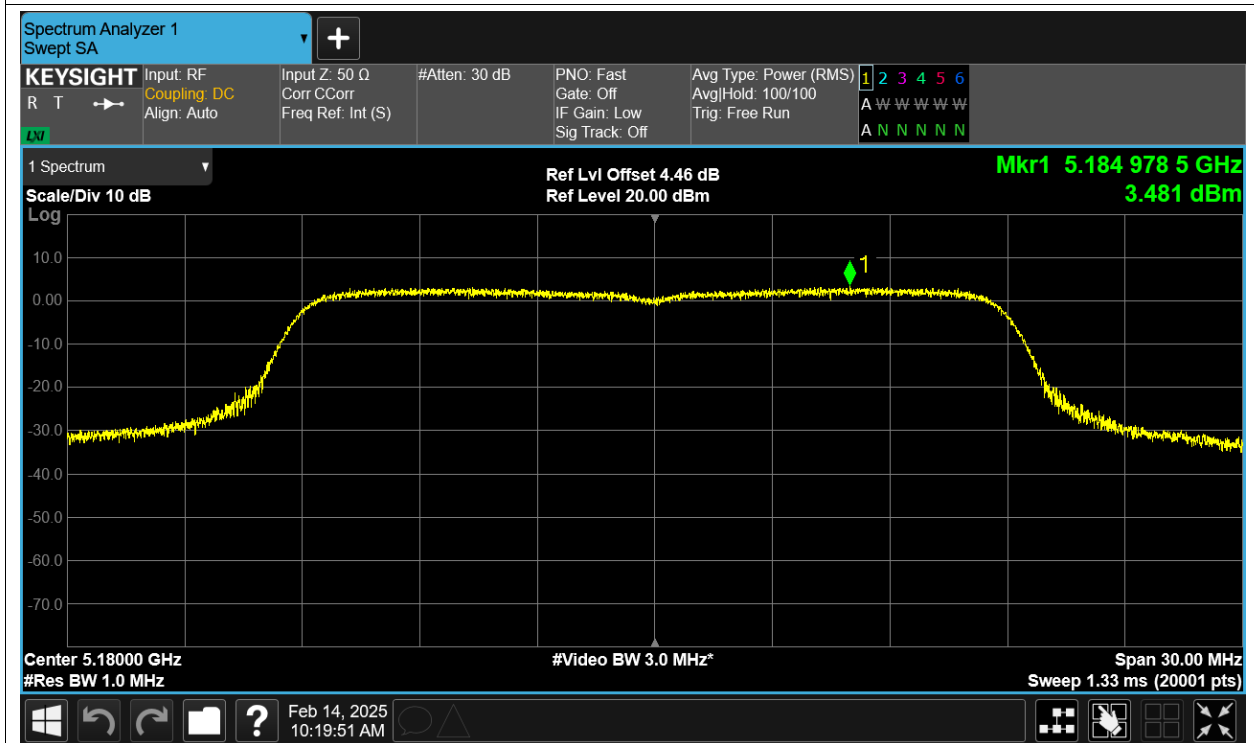
PSD NVNT a 5200MHz Ant2



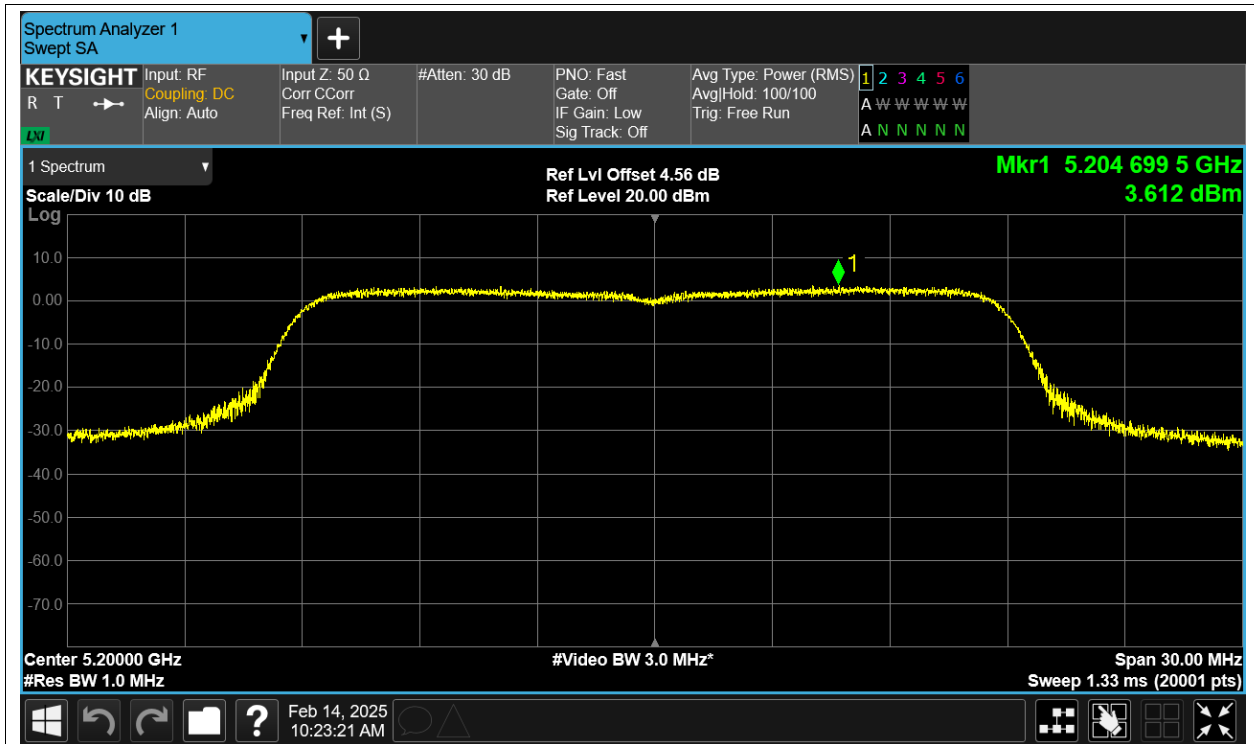
PSD NVNT a 5240MHz Ant2



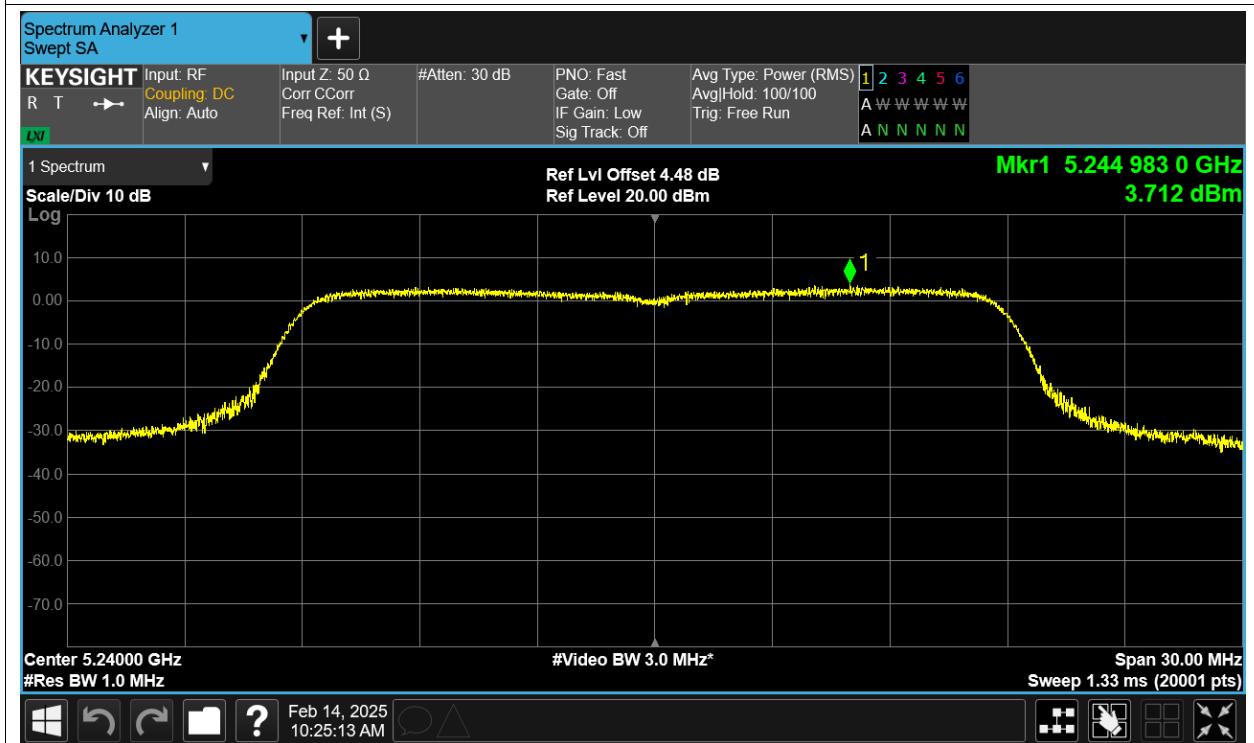
PSD NVNT ac20 5180MHz Ant2



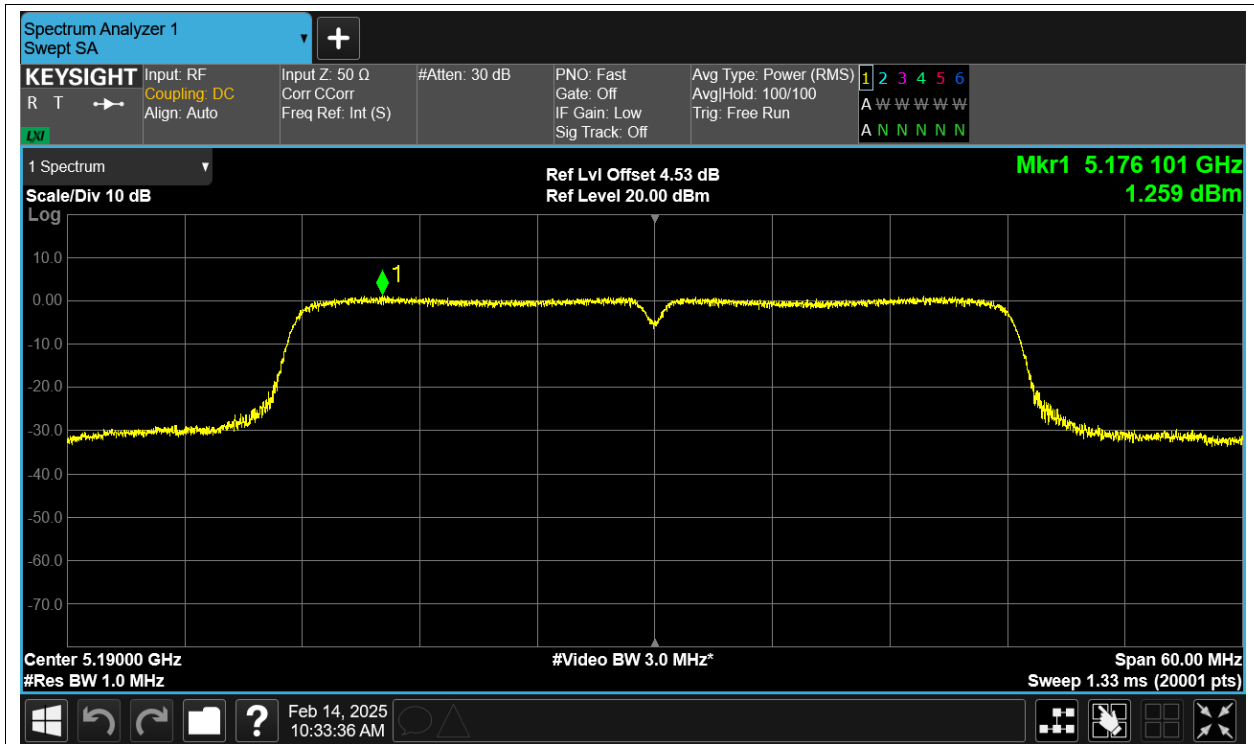
PSD NVNT ac20 5200MHz Ant2



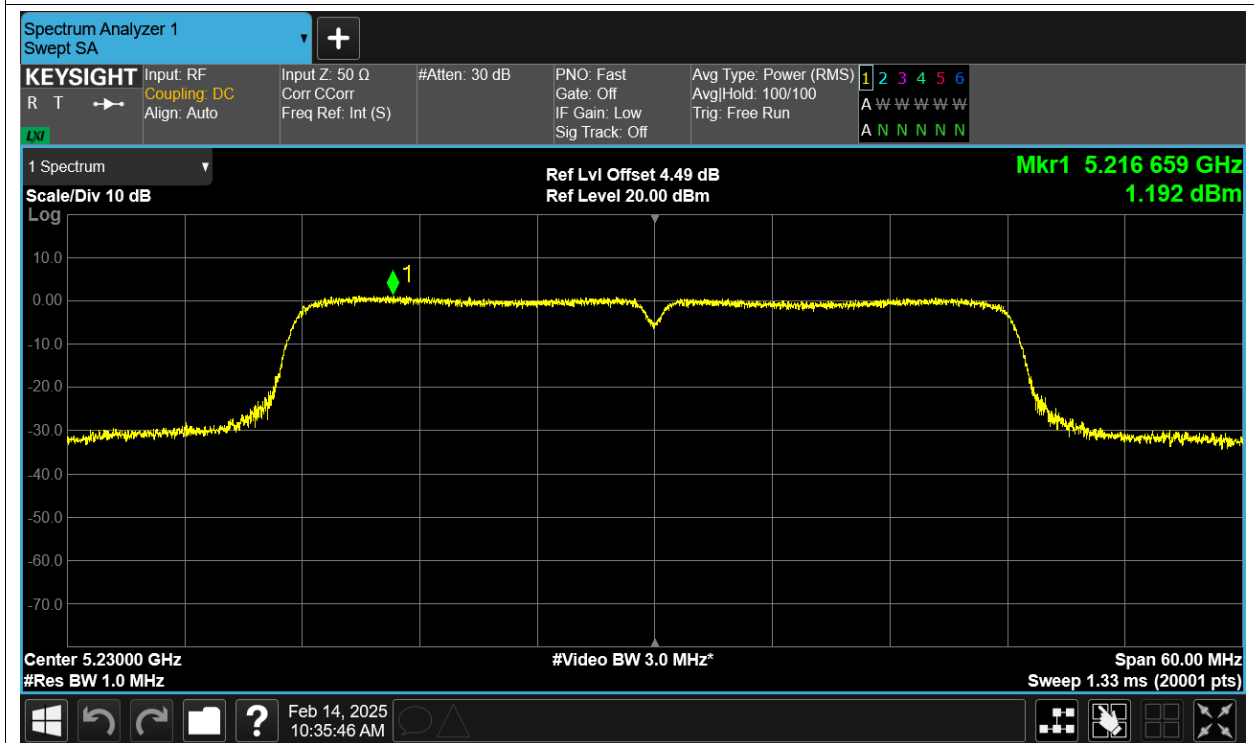
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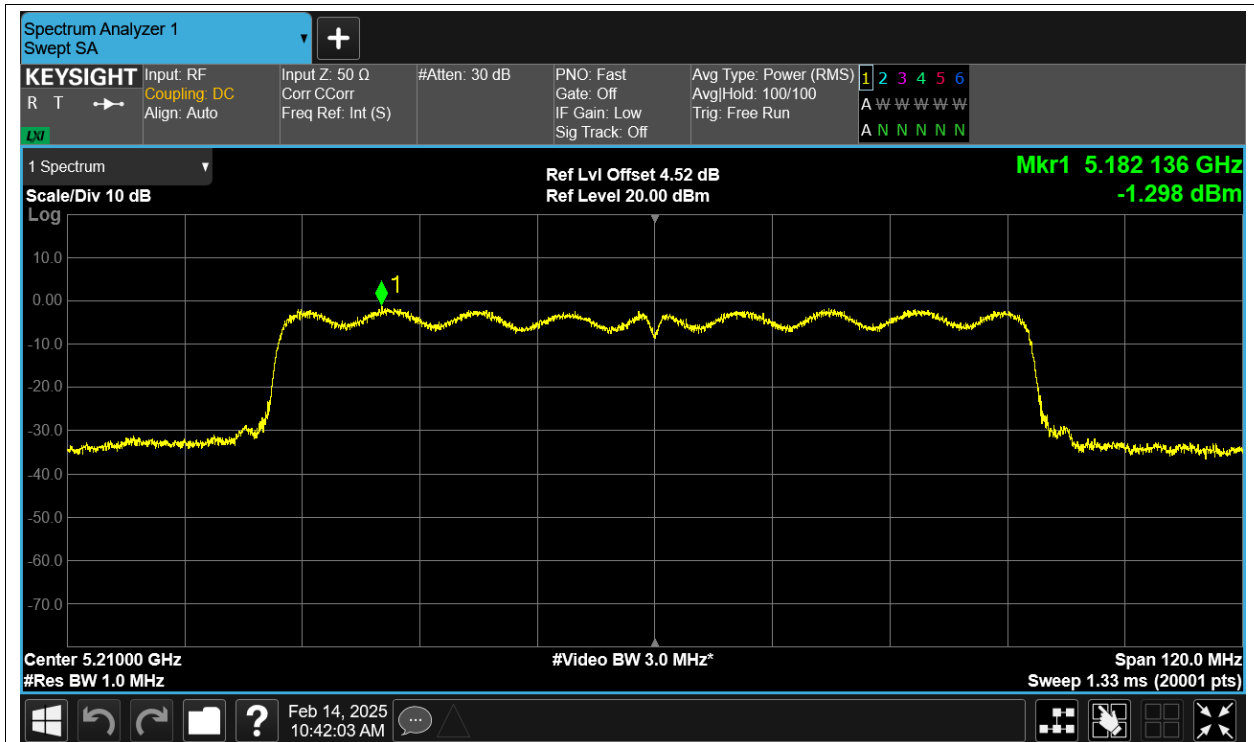
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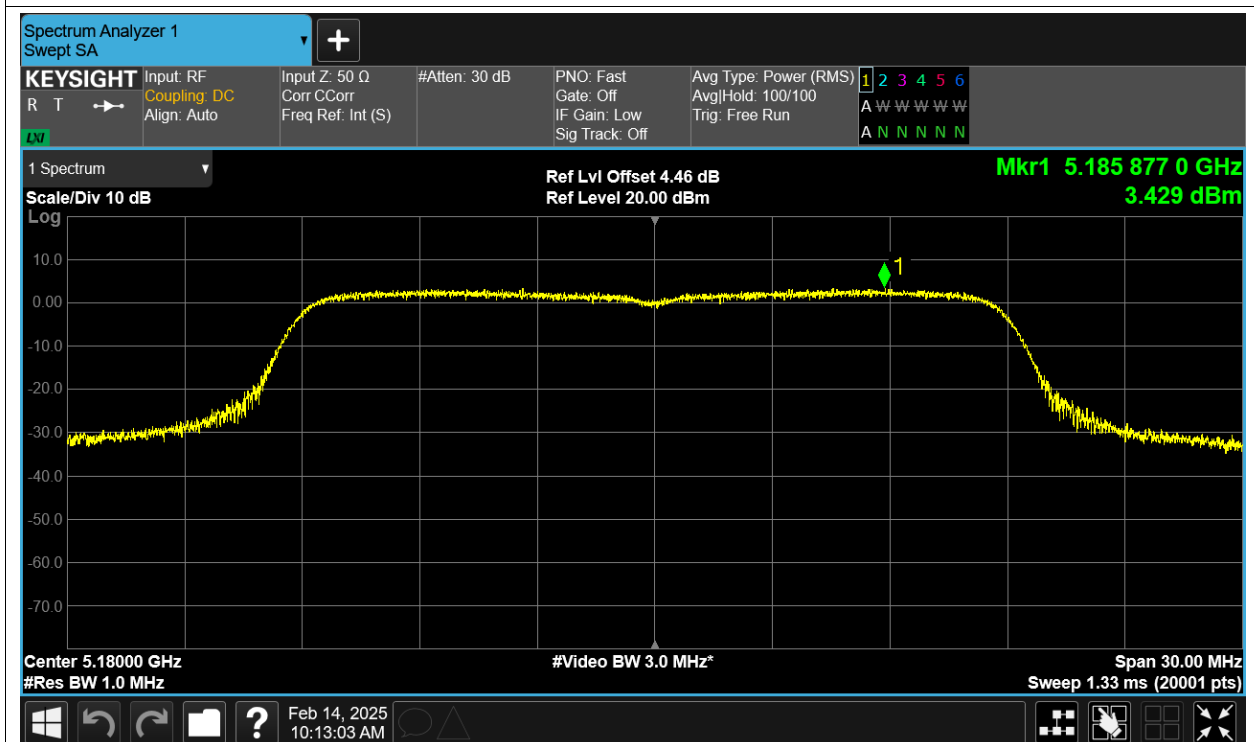
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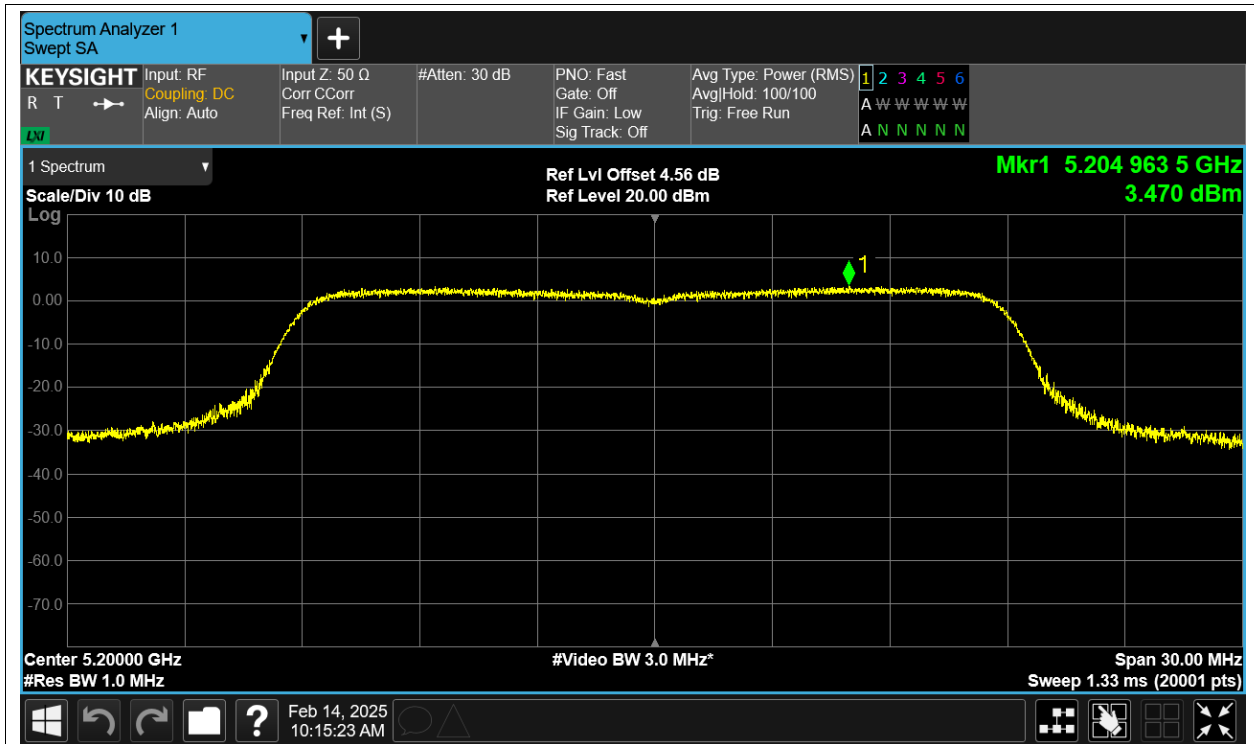
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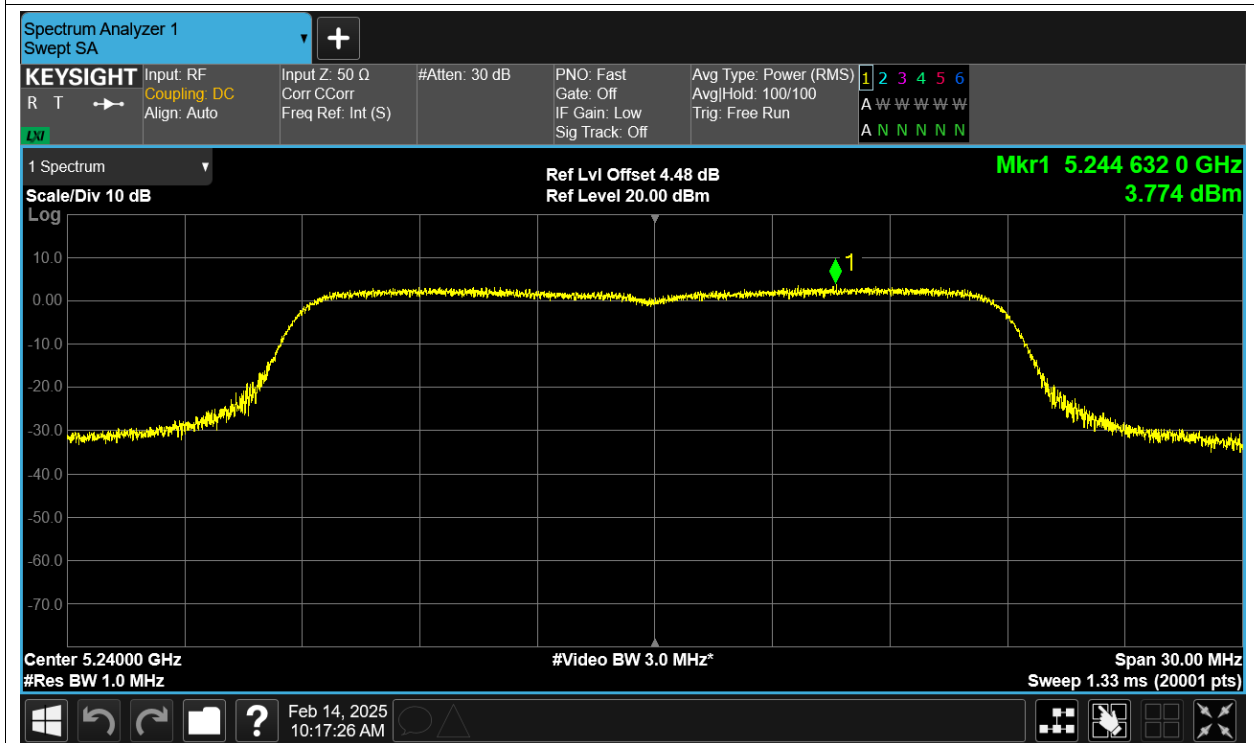
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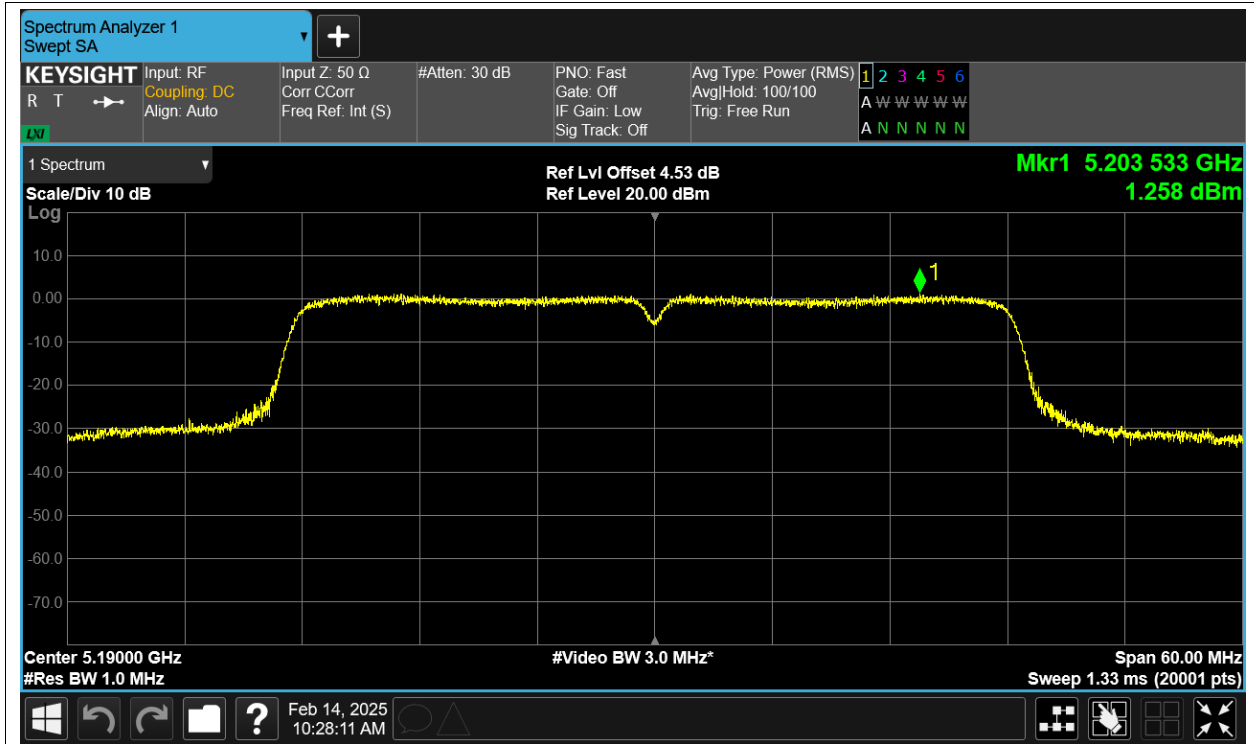
PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5240MHz Ant2



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

