

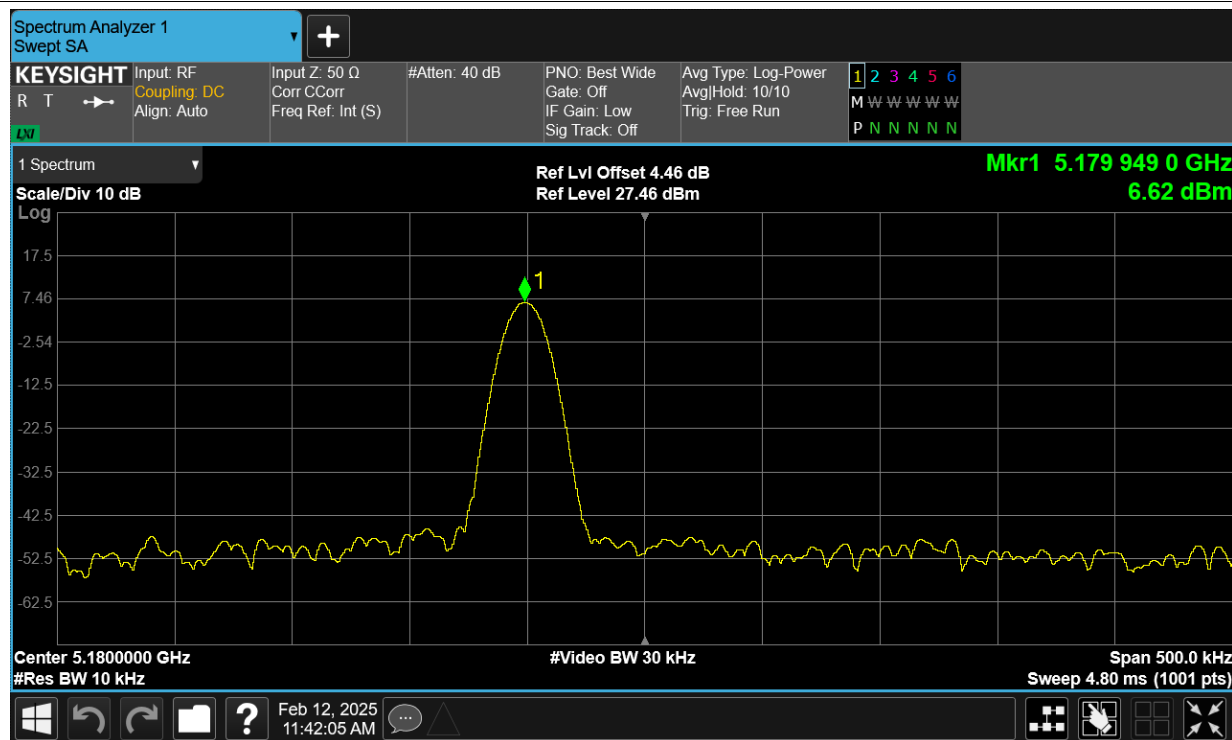
Test Data

Frequency Stability

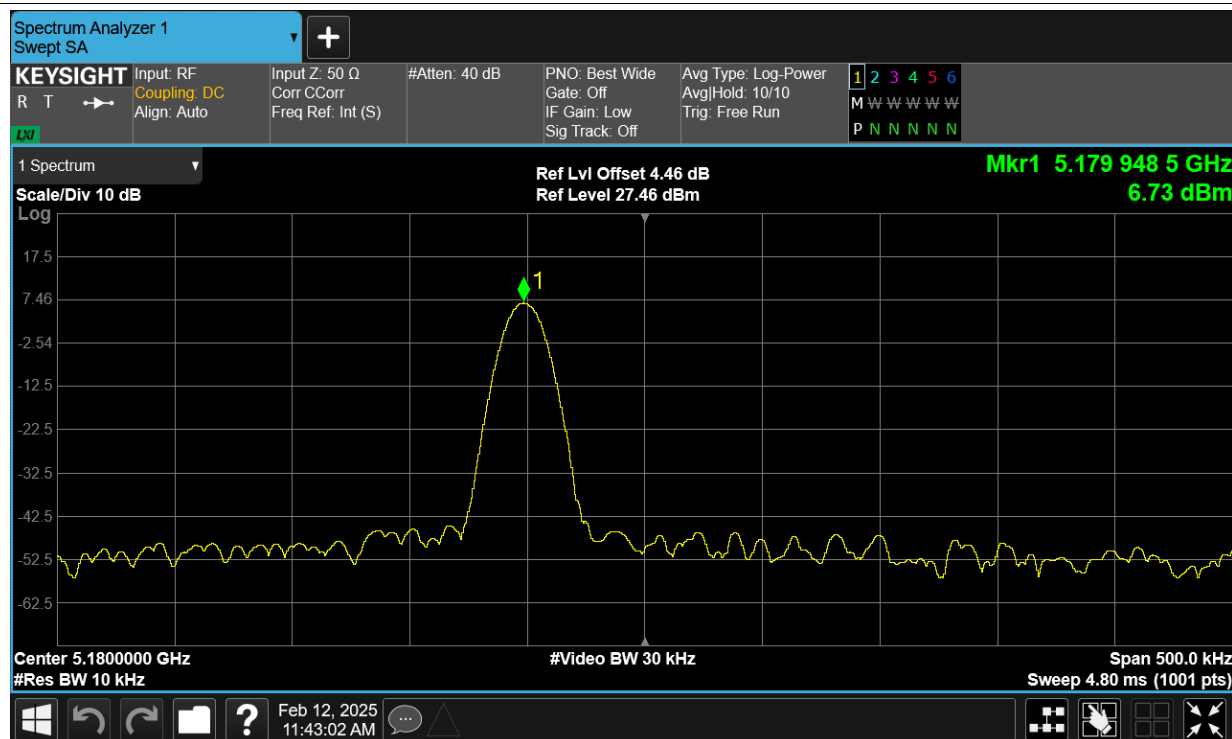
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.949	-9.85	25	Pass
LVNT	a	5180	Ant1	5179.9485	-9.94	25	Pass
NVHT	a	5180	Ant1	5179.9485	-9.94	25	Pass
NVLT	a	5180	Ant1	5179.9485	-9.94	25	Pass
NVNT	a	5180	Ant1	5179.9485	-9.94	25	Pass
HVNT	ac80	5210	Ant1	5209.953	-9.02	25	Pass
LVNT	ac80	5210	Ant1	5209.9525	-9.12	25	Pass
NVHT	ac80	5210	Ant1	5209.9525	-9.12	25	Pass
NVLT	ac80	5210	Ant1	5209.9525	-9.12	25	Pass
NVNT	ac80	5210	Ant1	5209.952891326	-9.04	25	Pass
HVNT	n40	5190	Ant1	5189.953	-9.06	25	Pass
LVNT	n40	5190	Ant1	5189.953	-9.06	25	Pass
NVHT	n40	5190	Ant1	5189.953	-9.06	25	Pass
NVLT	n40	5190	Ant1	5189.953	-9.06	25	Pass
NVNT	n40	5190	Ant1	5189.9535	-8.96	25	Pass

Test Graphs

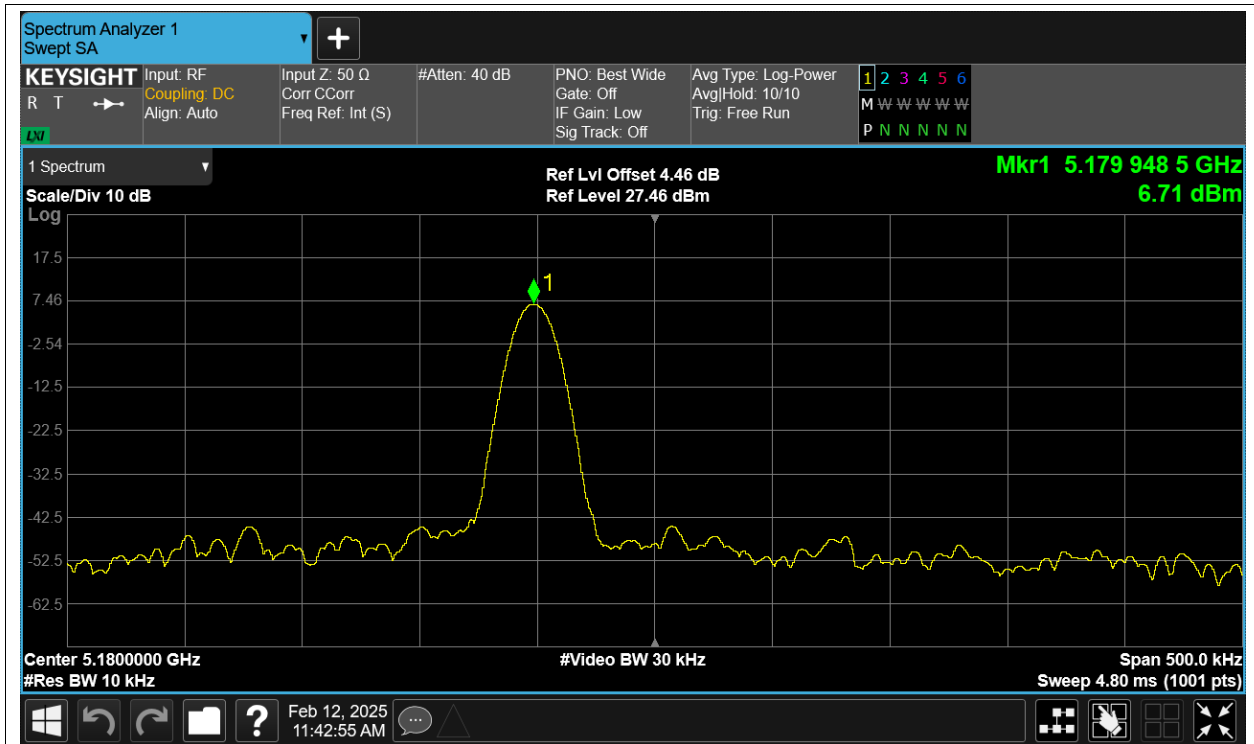
Freq. Stability HVNT a 5180MHz Ant1



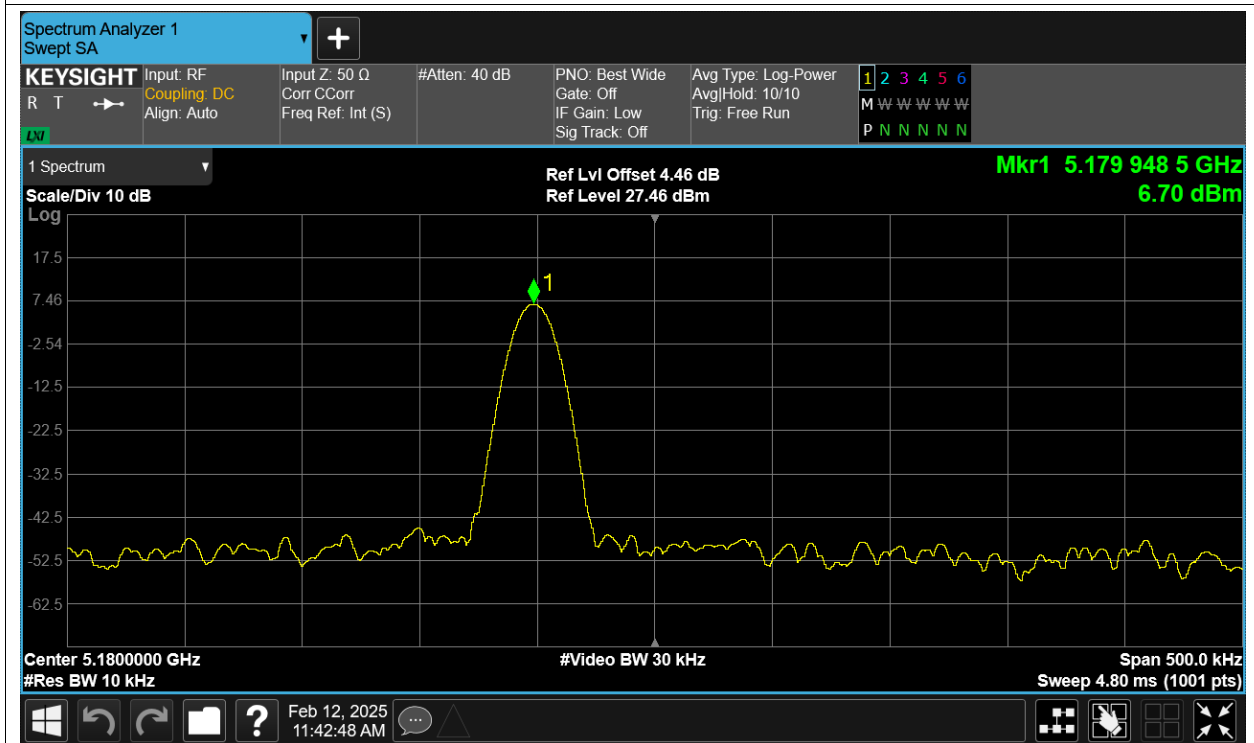
Freq. Stability LVNT a 5180MHz Ant1



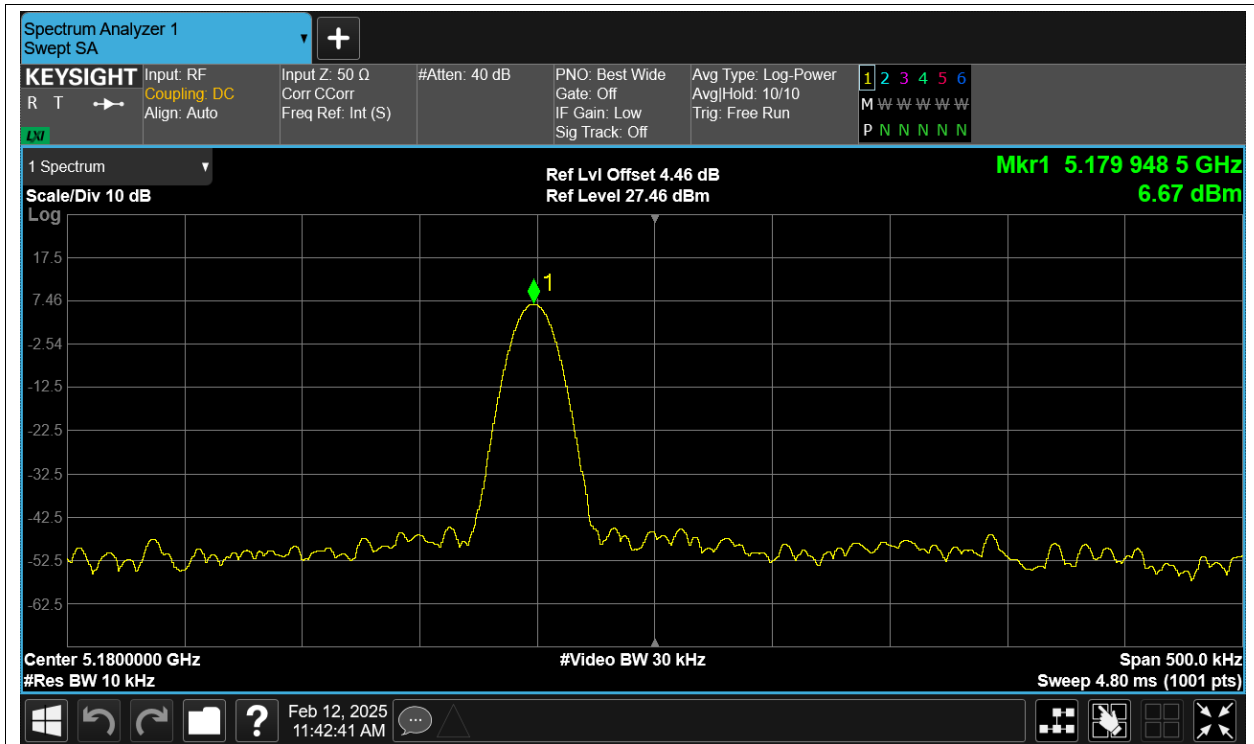
Freq. Stability NVHT a 5180MHz Ant1



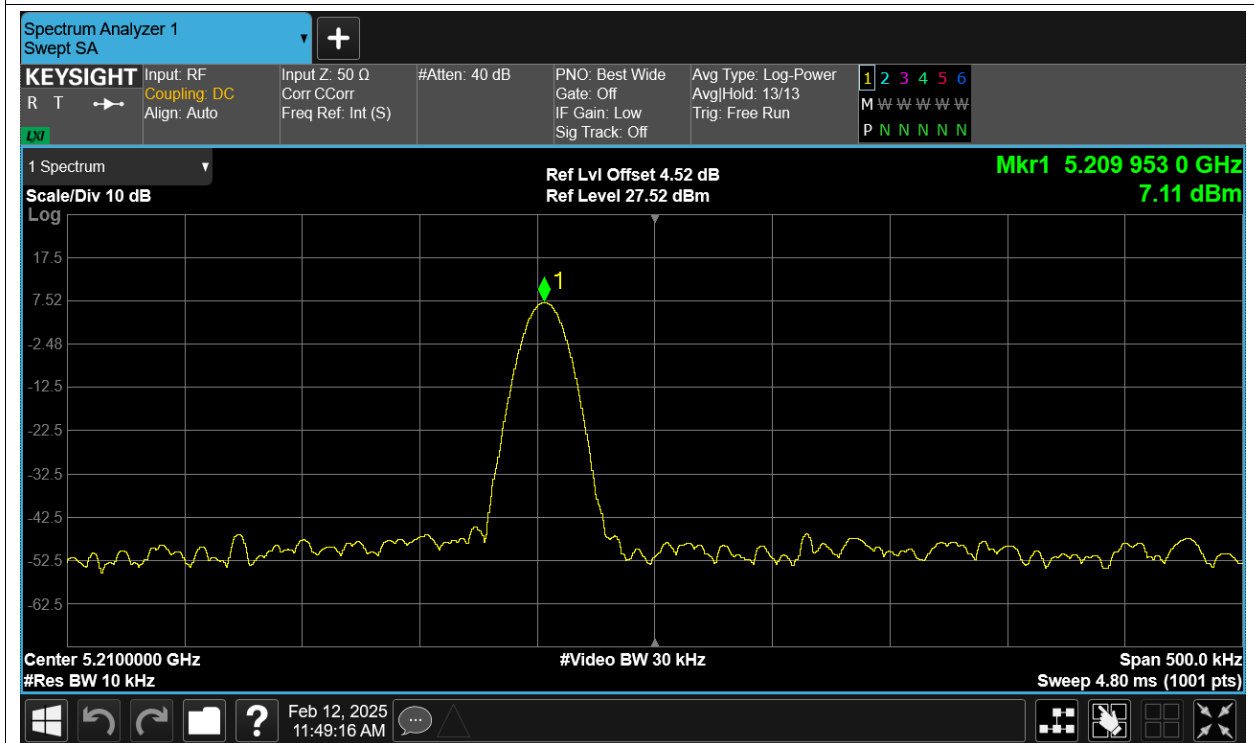
Freq. Stability NVLT a 5180MHz Ant1



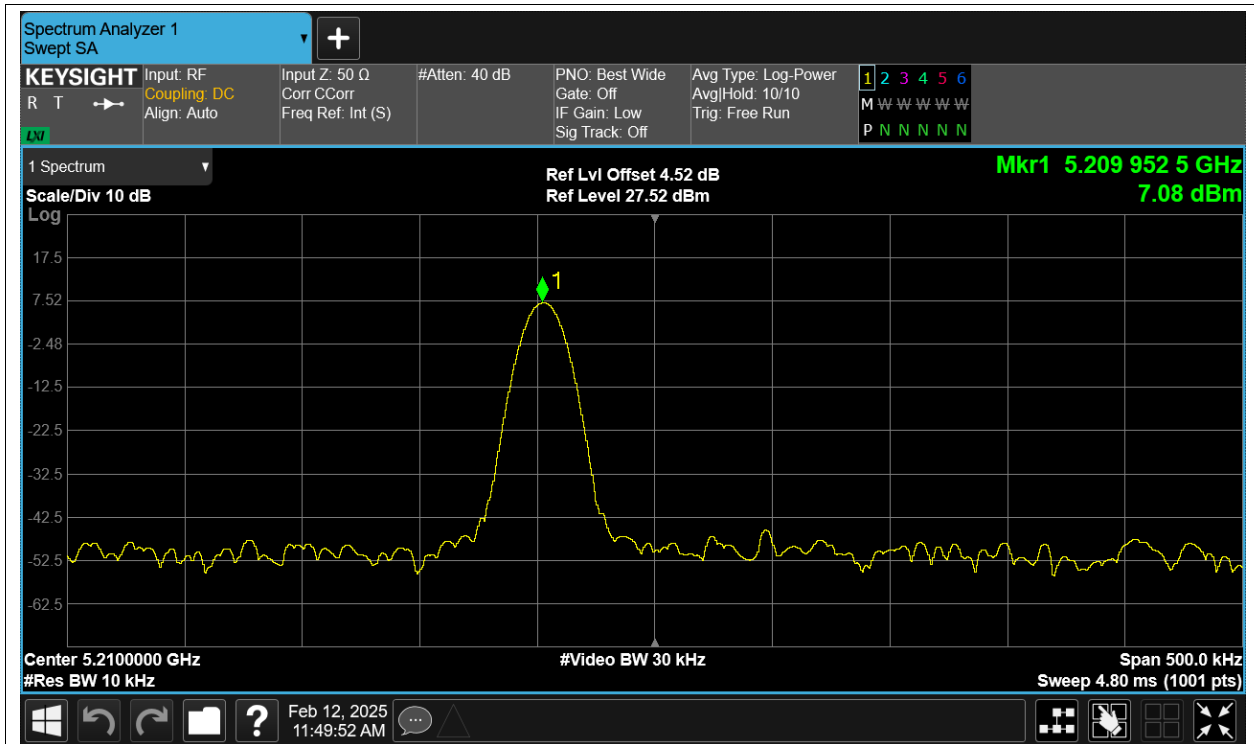
Freq. Stability NVNT a 5180MHz Ant1



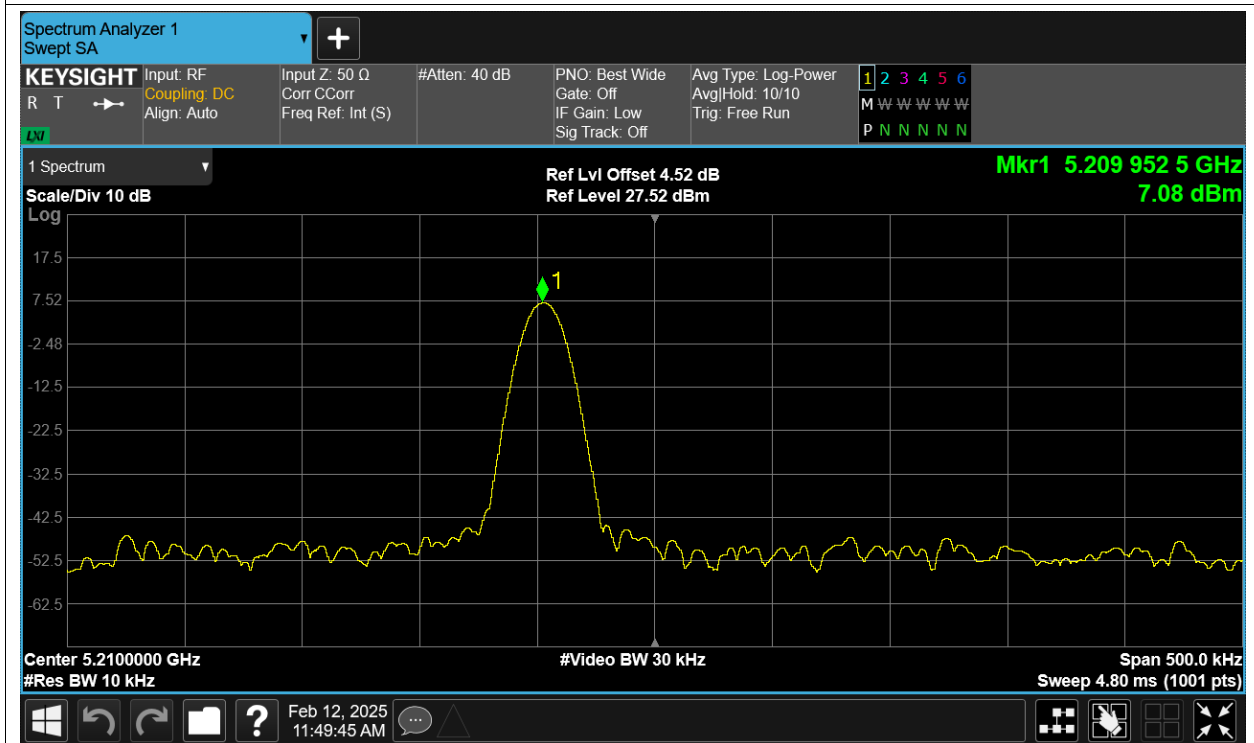
Freq. Stability HVNT ac80 5210MHz Ant1



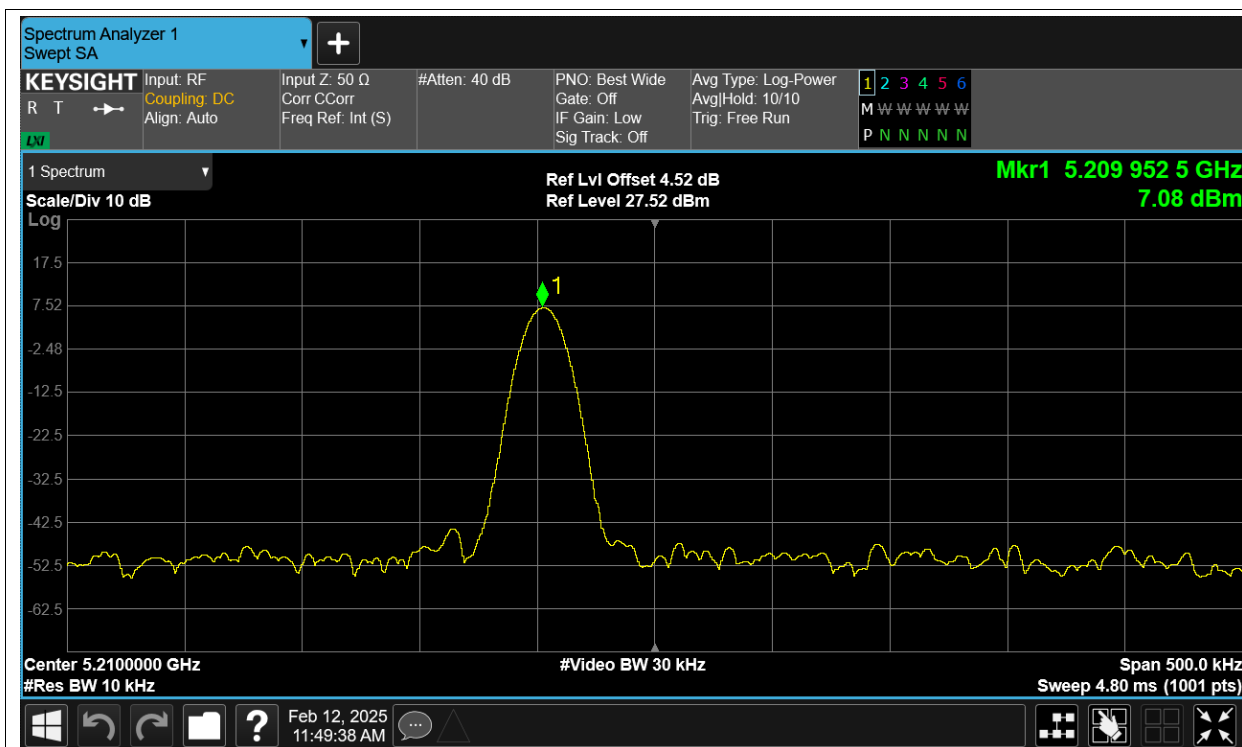
Freq. Stability LVNT ac80 5210MHz Ant1



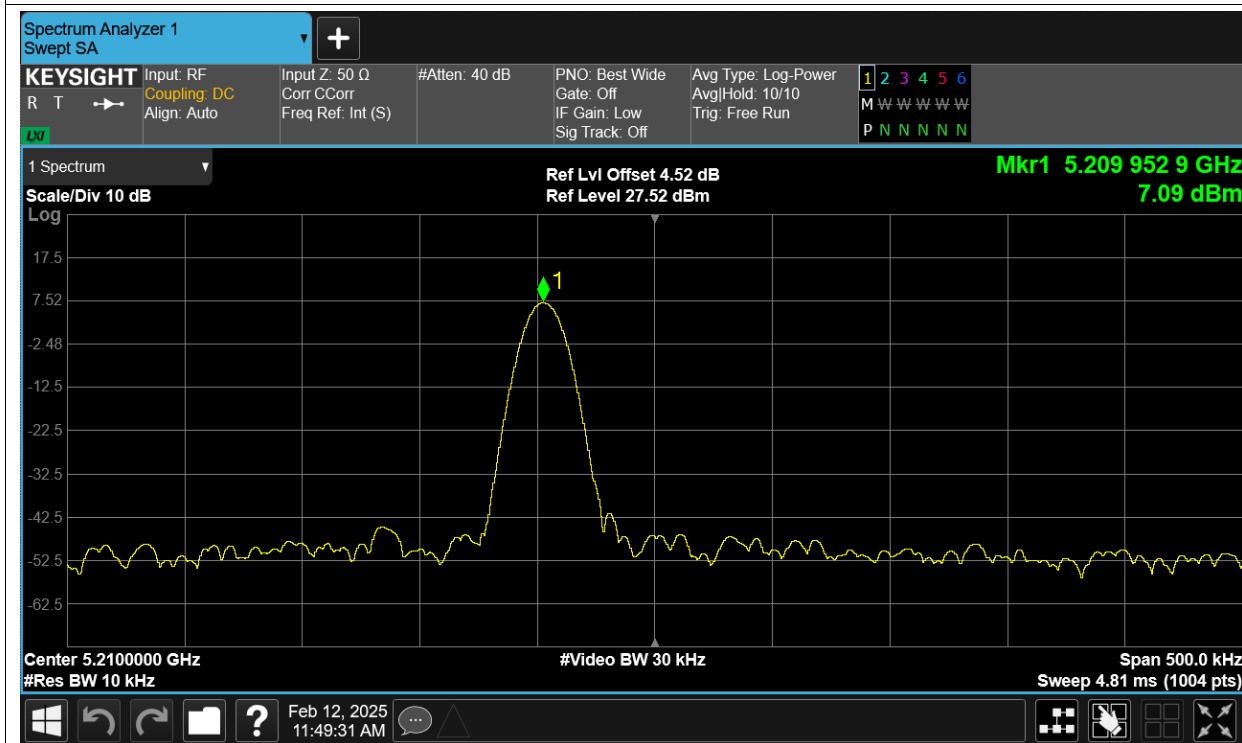
Freq. Stability NVHT ac80 5210MHz Ant1



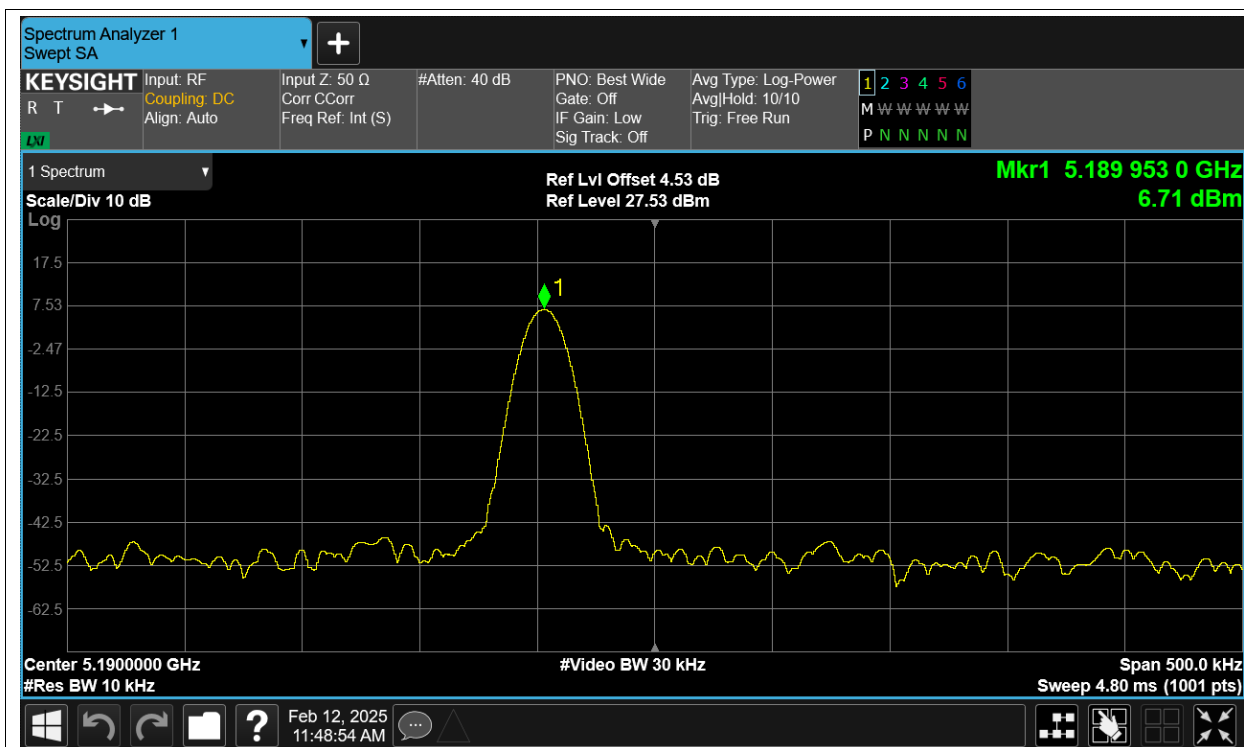
Freq. Stability NVLT ac80 5210MHz Ant1



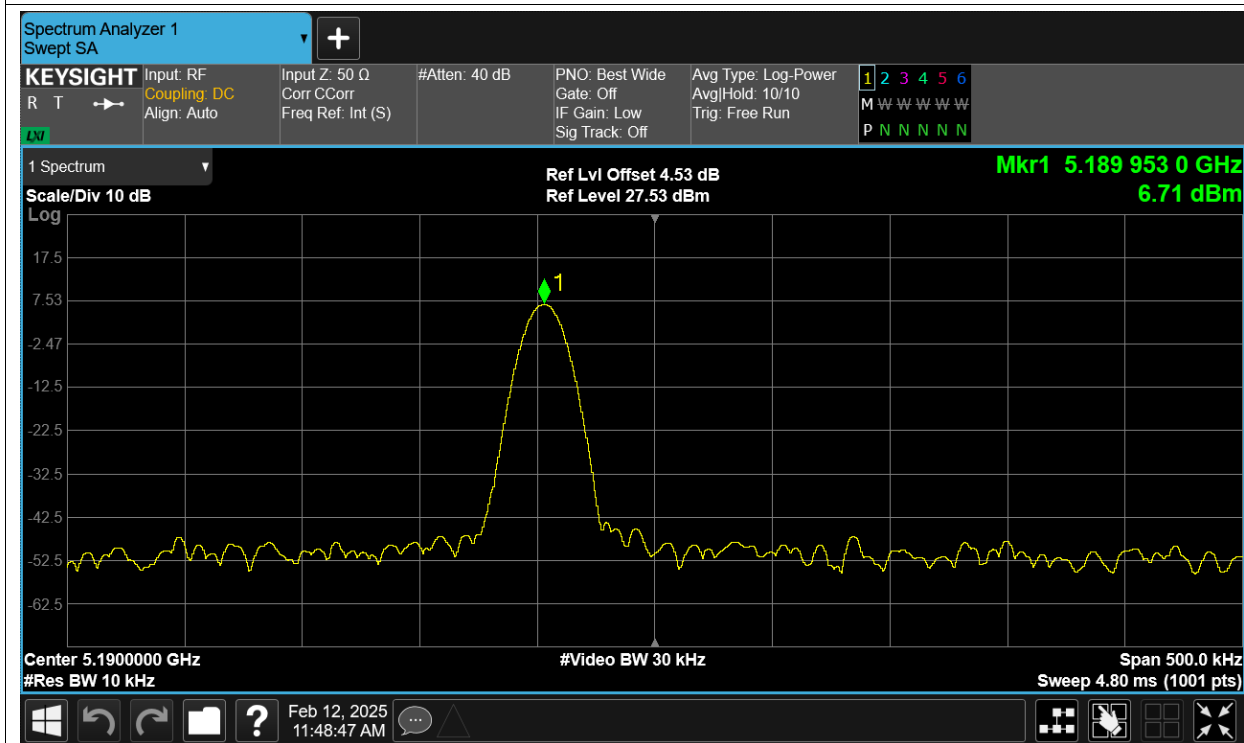
Freq. Stability NVNT ac80 5210MHz Ant1



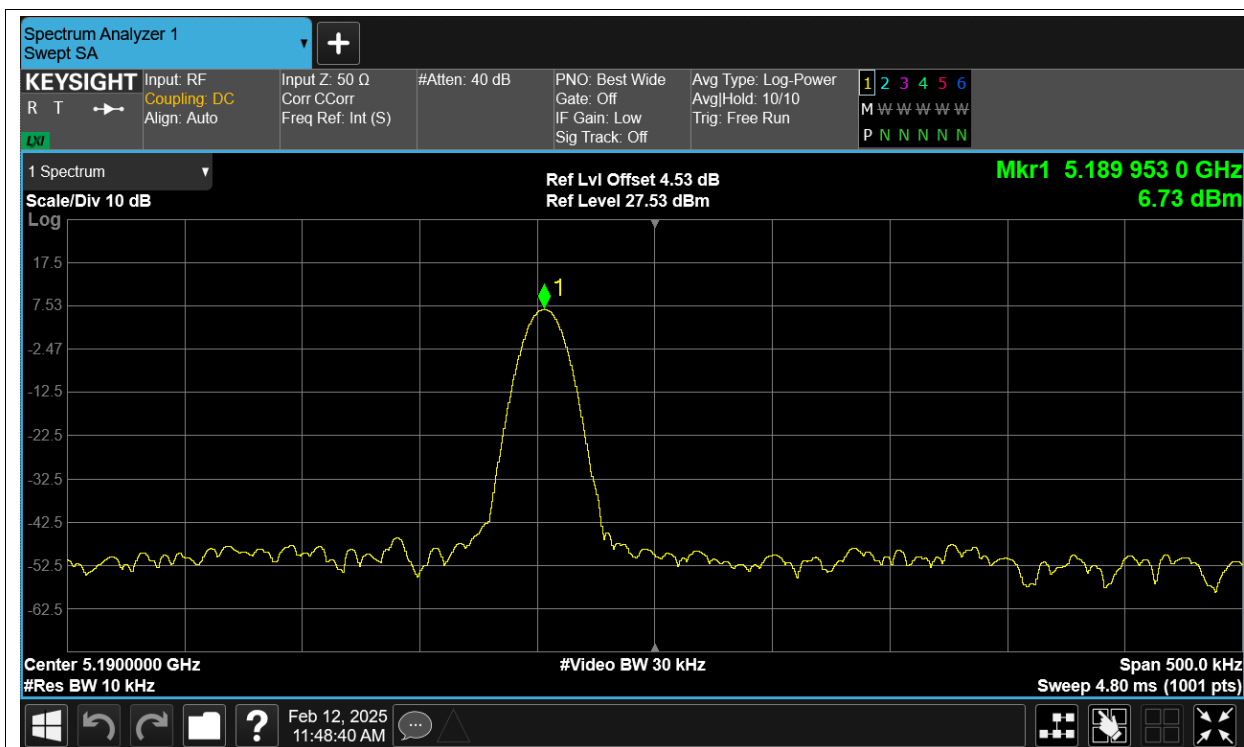
Freq. Stability HVNT n40 5190MHz Ant1



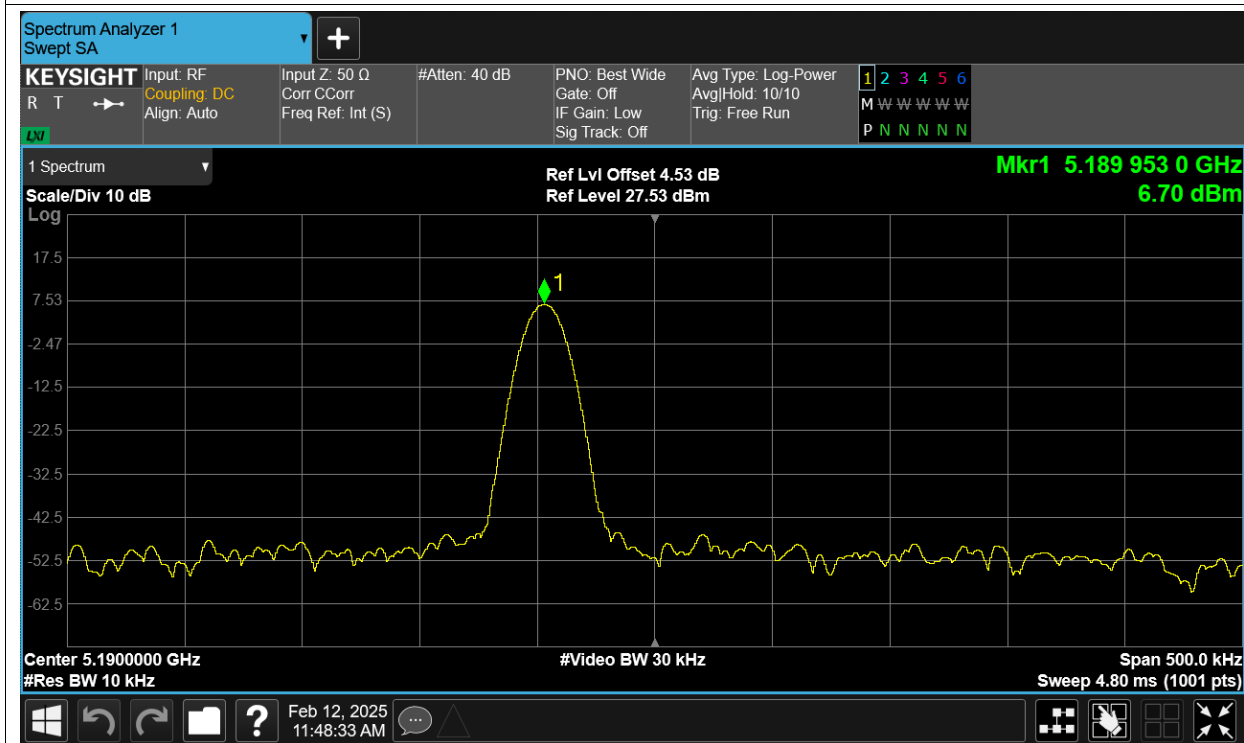
Freq. Stability LVNT n40 5190MHz Ant1



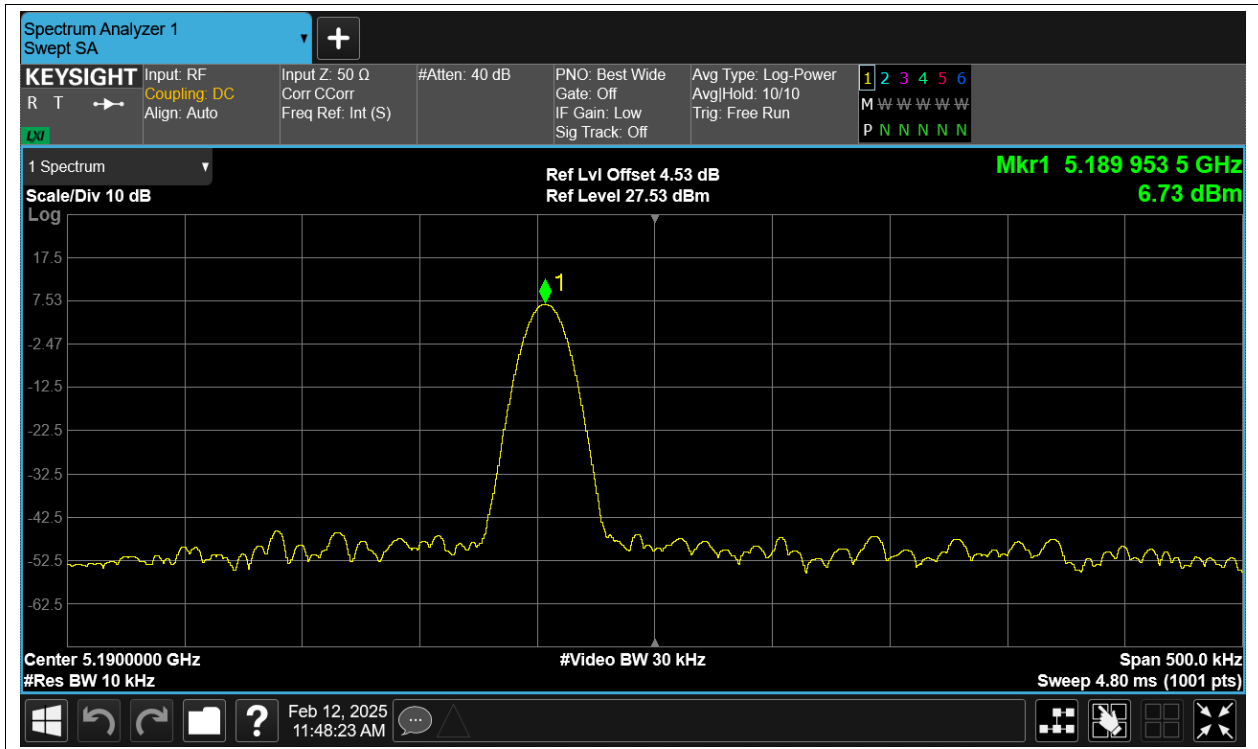
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

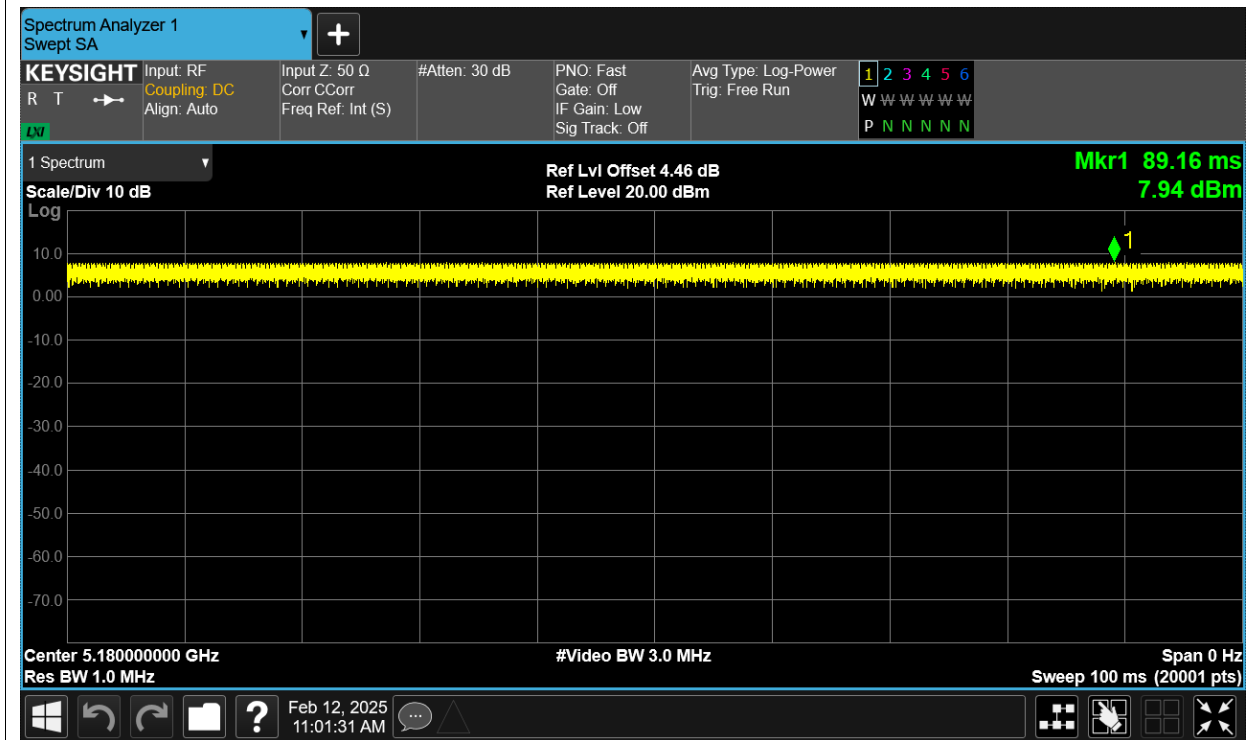


Duty Cycle

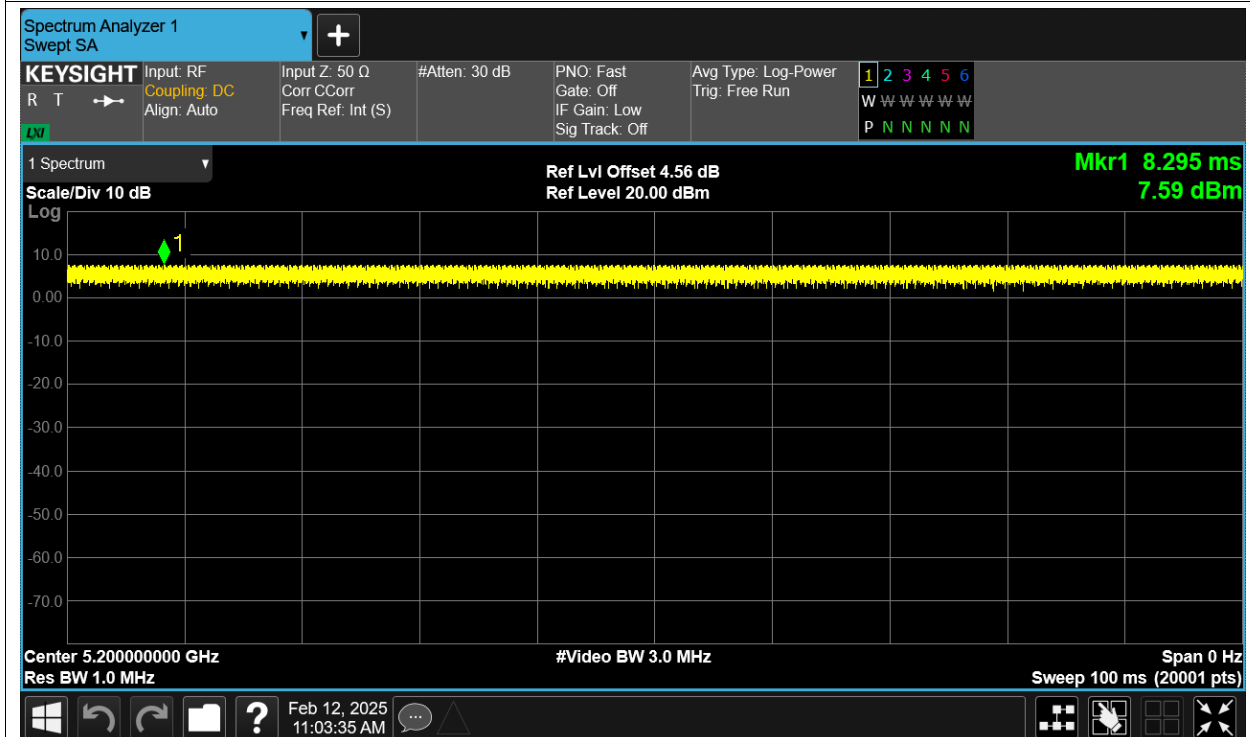
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0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

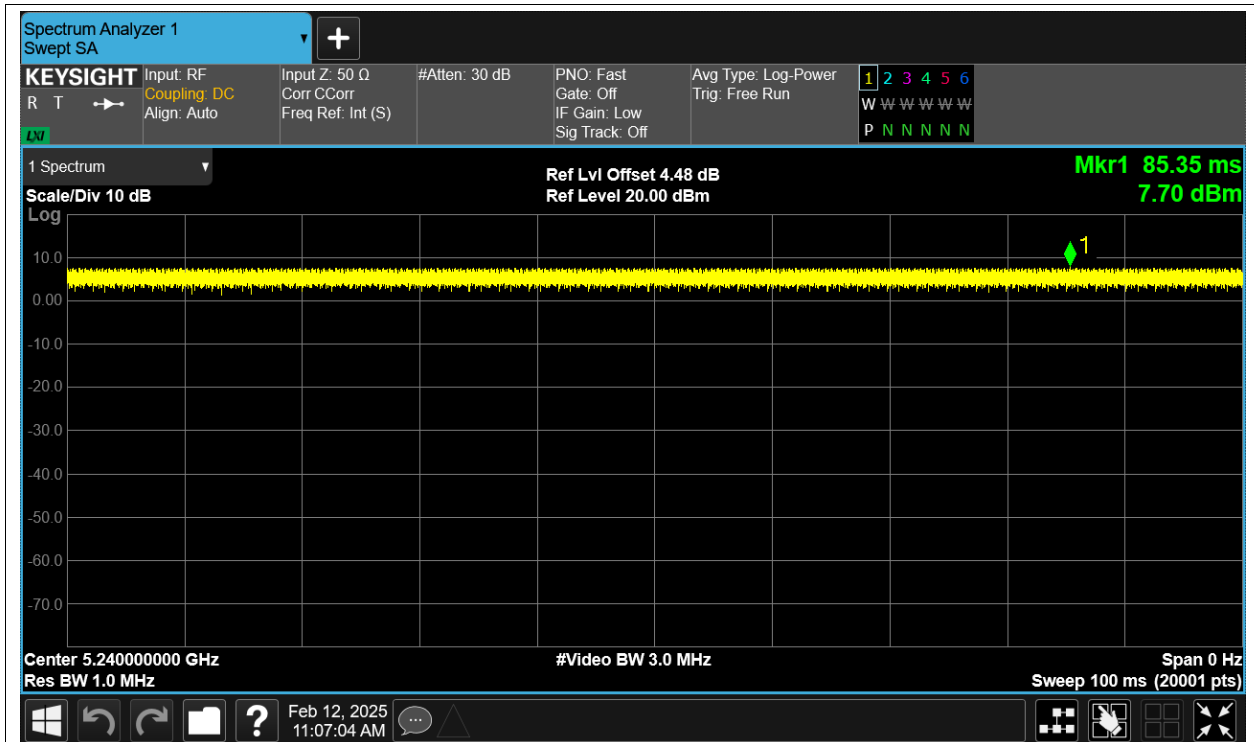
Duty Cycle NVNT a 5180MHz Ant1



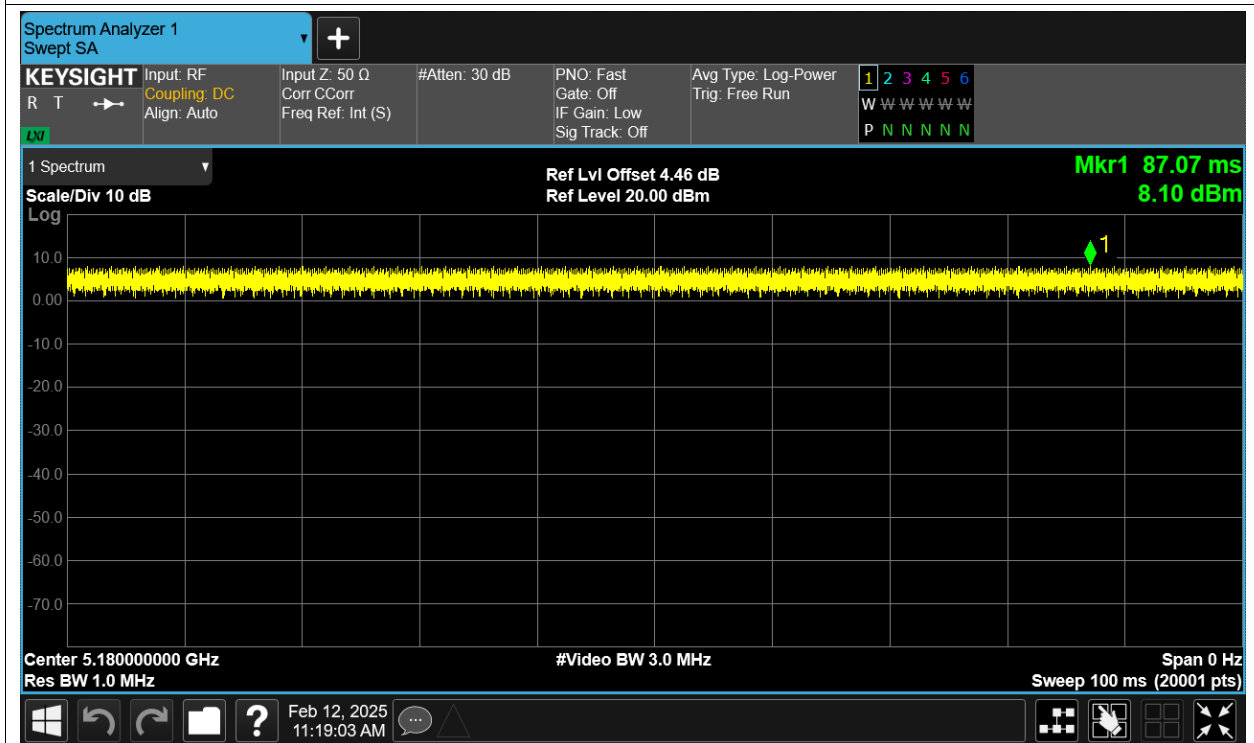
Duty Cycle NVNT a 5200MHz Ant1



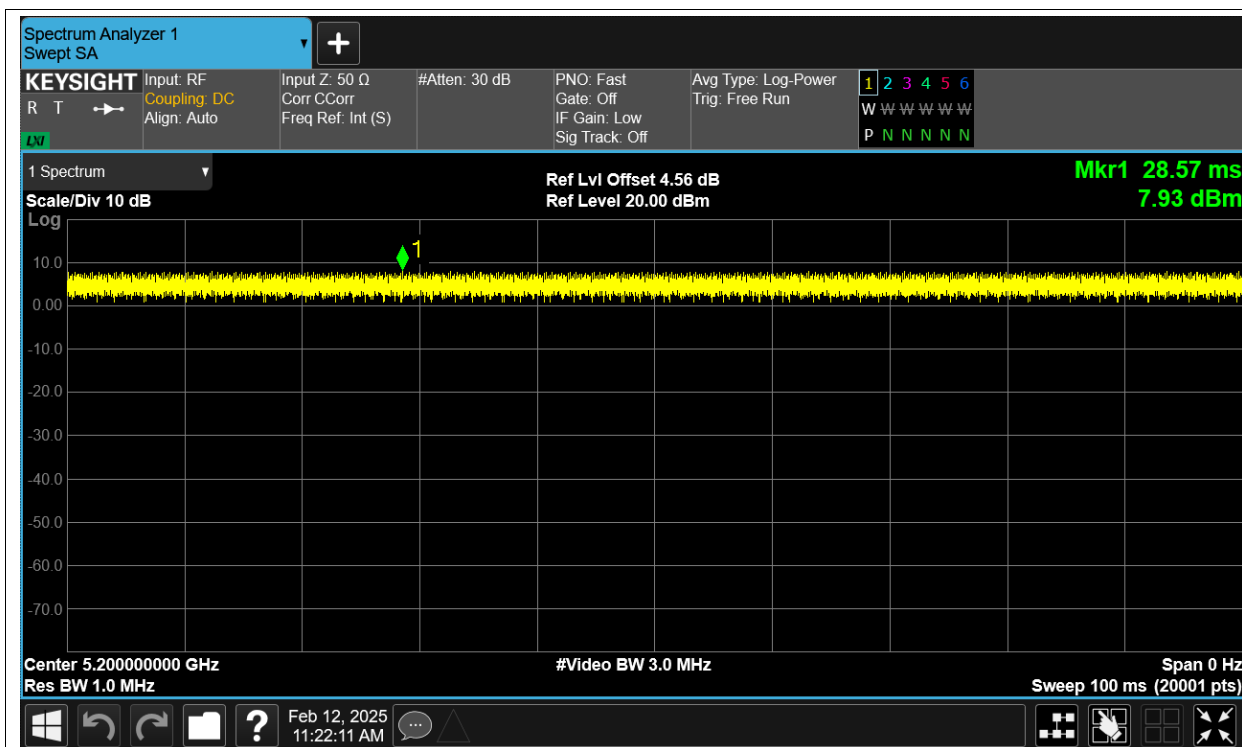
Duty Cycle NVNT a 5240MHz Ant1



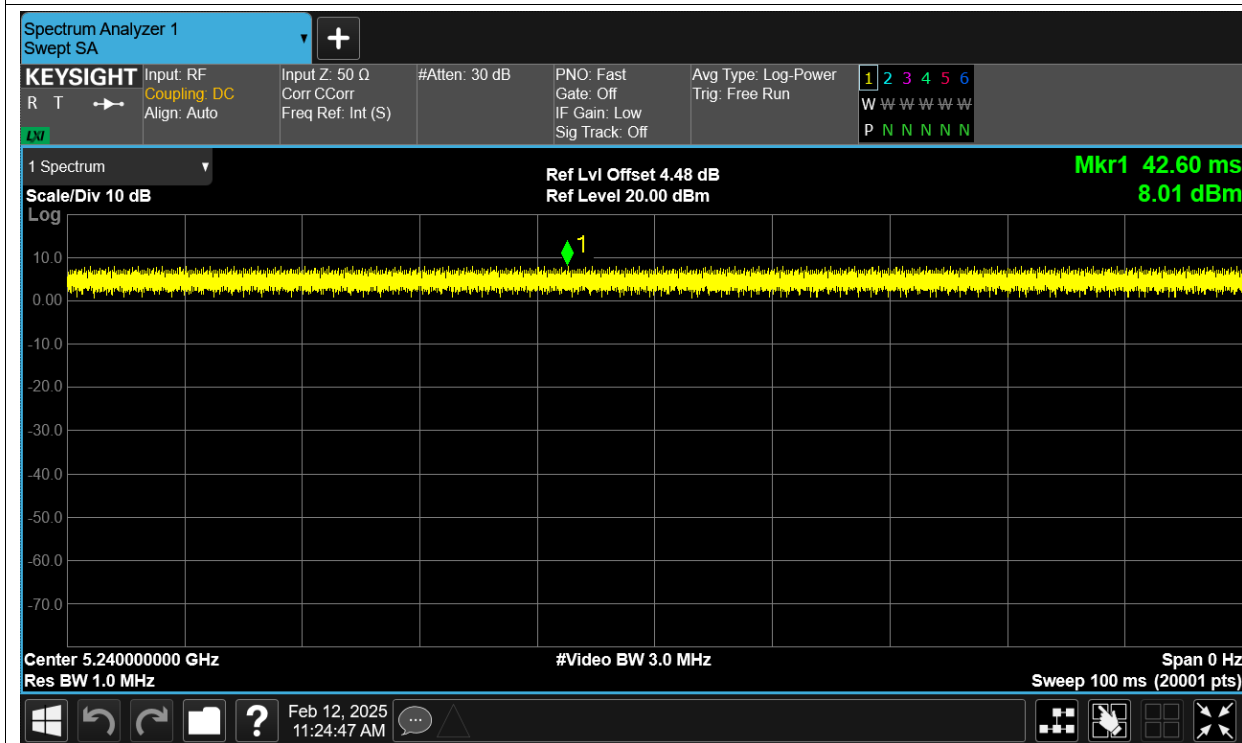
Duty Cycle NVNT ac20 5180MHz Ant1



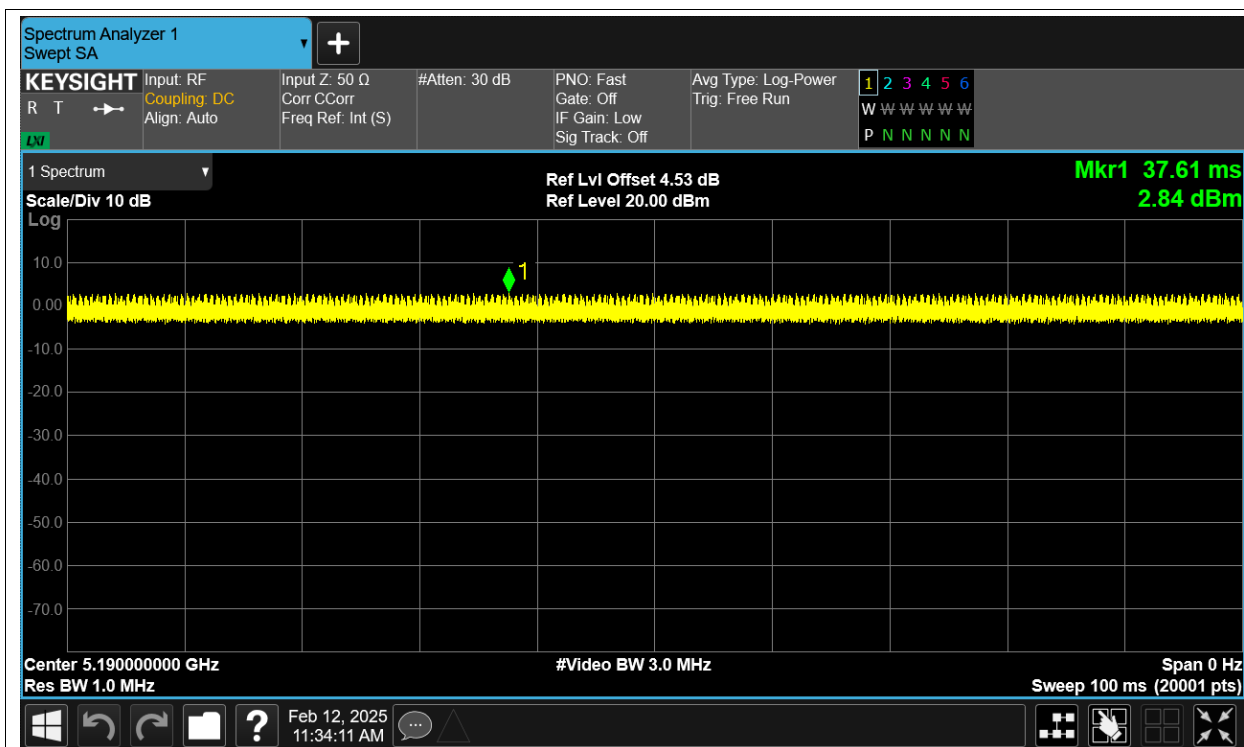
Duty Cycle NVNT ac20 5200MHz Ant1



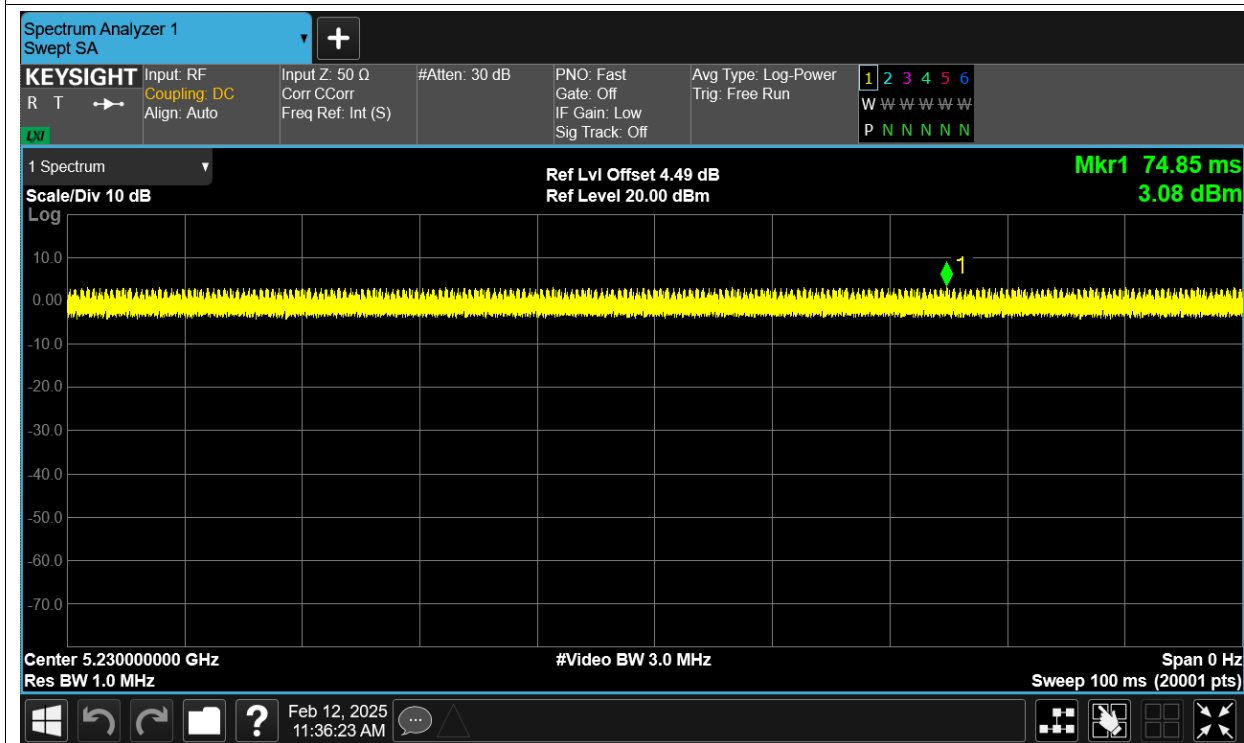
Duty Cycle NVNT ac20 5240MHz Ant1



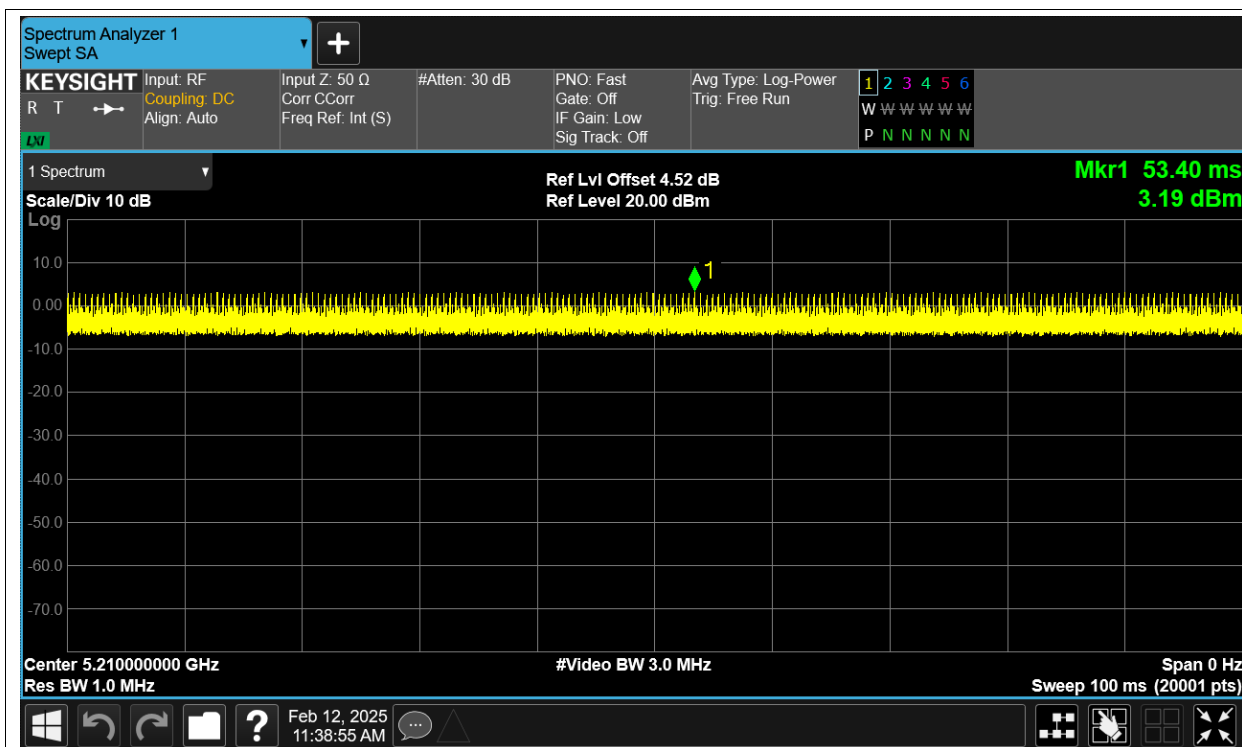
Duty Cycle NVNT ac40 5190MHz Ant1



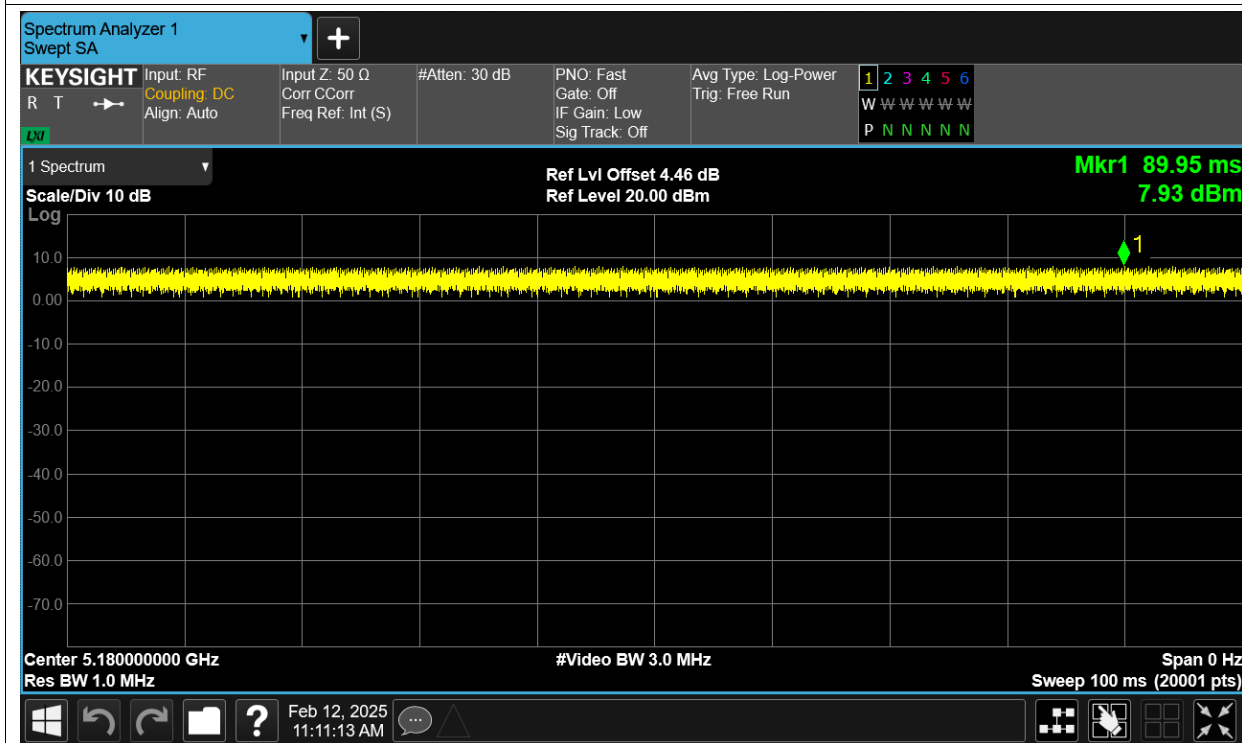
Duty Cycle NVNT ac40 5230MHz Ant1



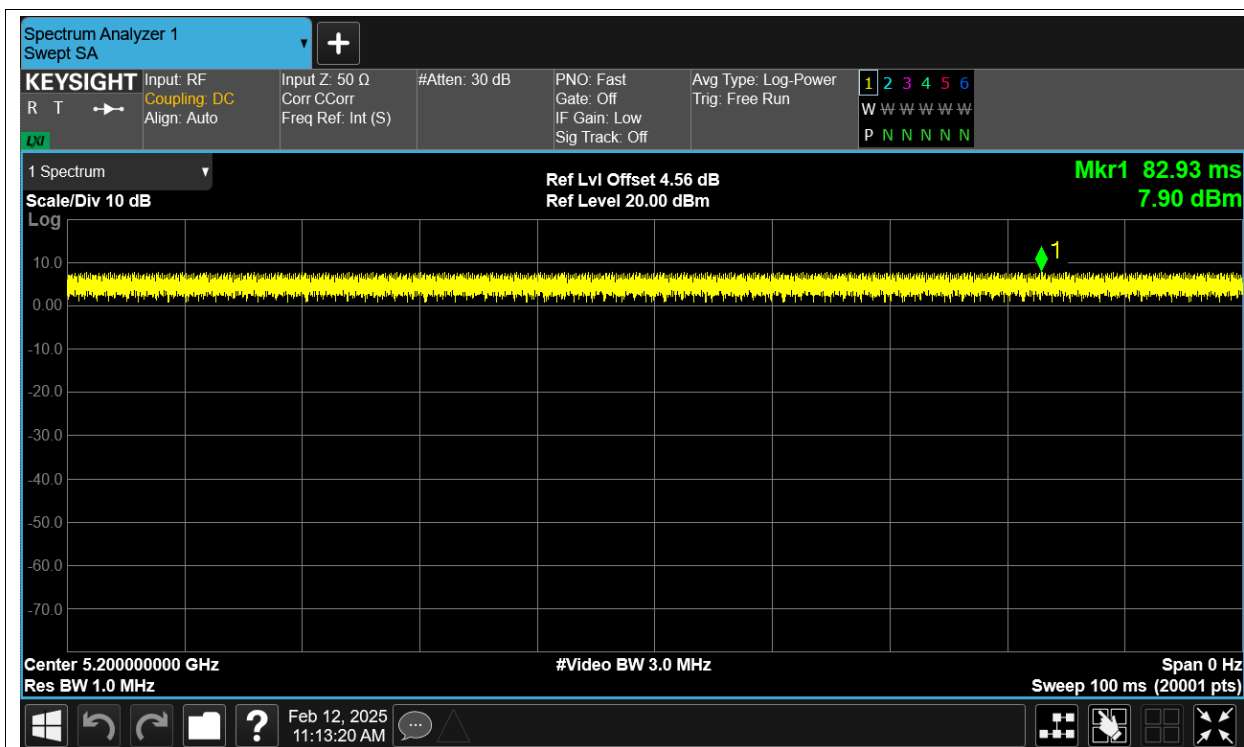
Duty Cycle NVNT ac80 5210MHz Ant1



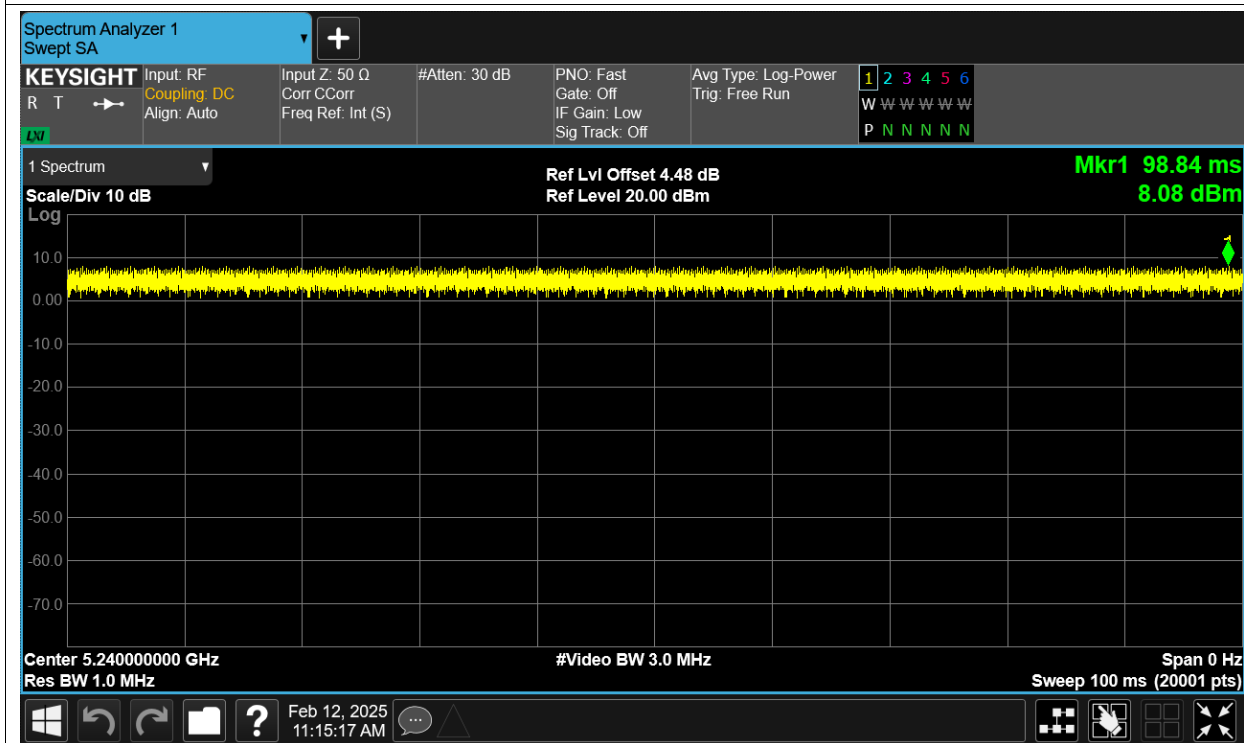
Duty Cycle NVNT n20 5180MHz Ant1



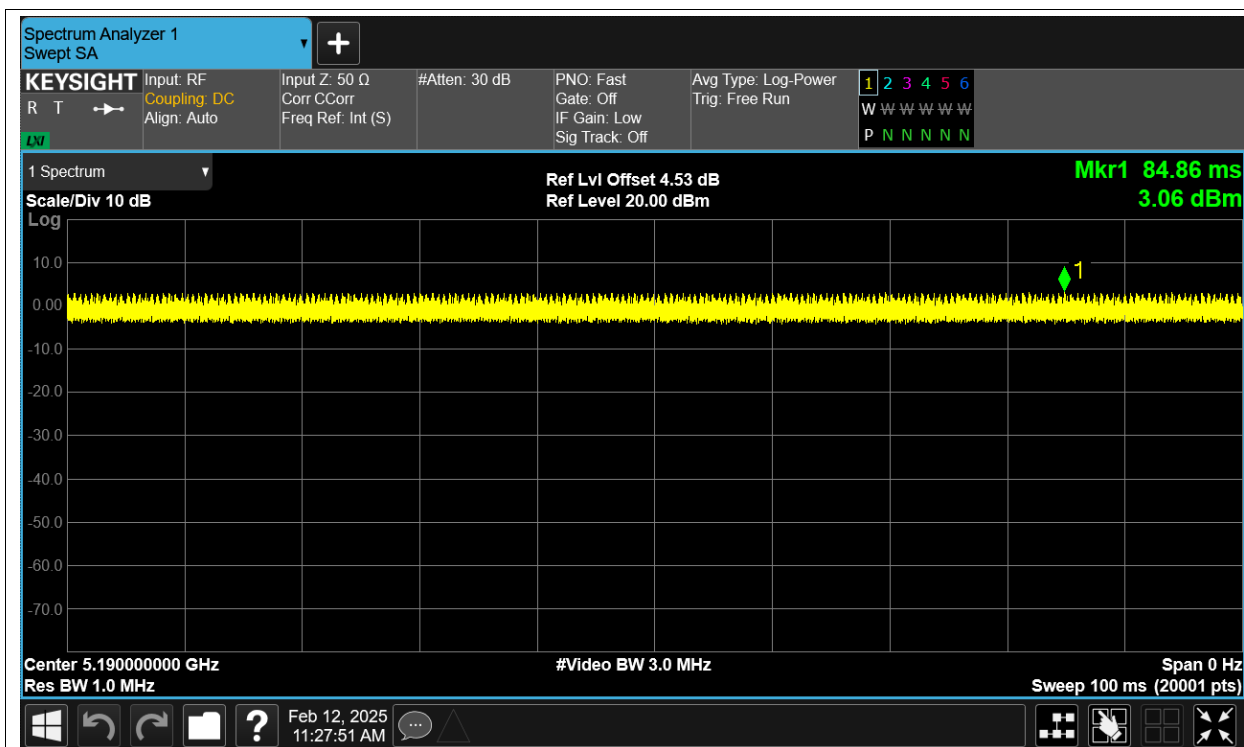
Duty Cycle NVNT n20 5200MHz Ant1



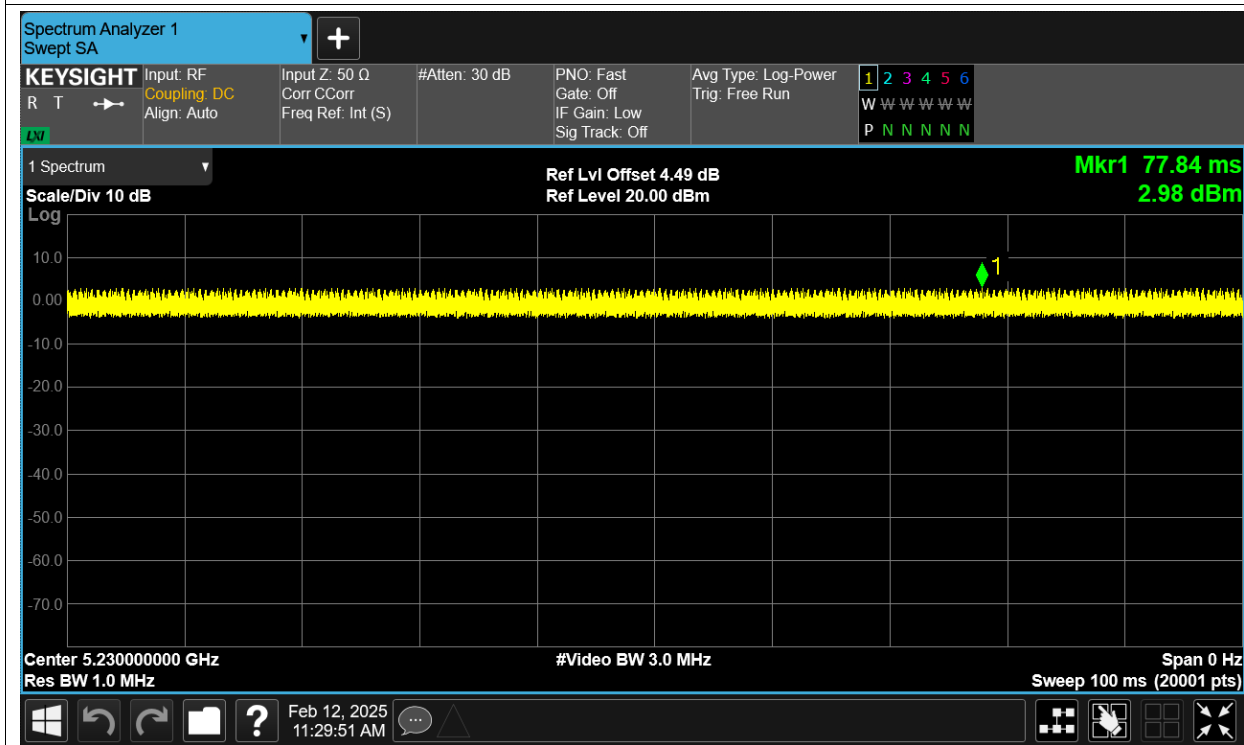
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

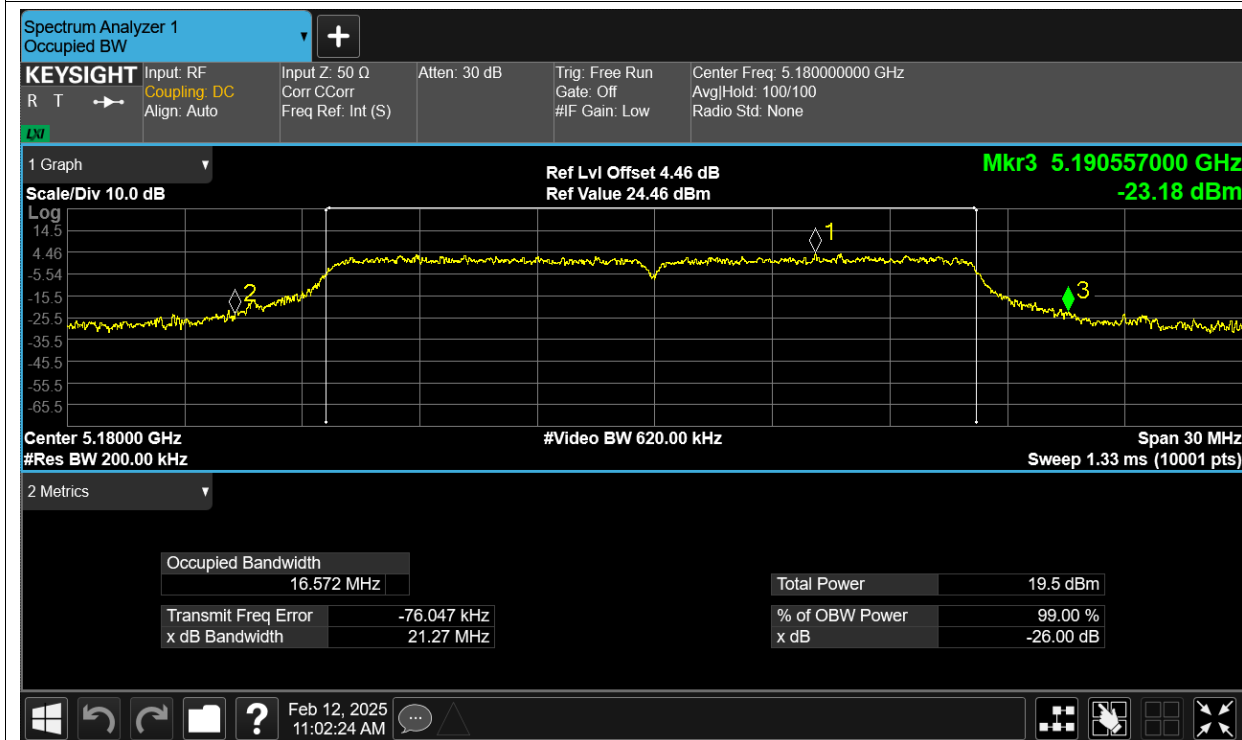
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.2	0	14.2	24	Pass
NVNT	a	5200	Ant1	13.99	0	13.99	24	Pass
NVNT	a	5240	Ant1	14.79	0	14.79	24	Pass
NVNT	ac20	5180	Ant1	13.68	0	13.68	24	Pass
NVNT	ac20	5200	Ant1	13.53	0	13.53	24	Pass
NVNT	ac20	5240	Ant1	14.33	0	14.33	24	Pass
NVNT	ac40	5190	Ant1	13.74	0	13.74	23	Pass
NVNT	ac40	5230	Ant1	14.29	0	14.29	24	Pass
NVNT	ac80	5210	Ant1	13.6	0	13.6	24	Pass
NVNT	n20	5180	Ant1	13.71	0	13.71	24	Pass
NVNT	n20	5200	Ant1	13.53	0	13.53	24	Pass
NVNT	n20	5240	Ant1	14.32	0	14.32	24	Pass
NVNT	n40	5190	Ant1	13.74	0	13.74	24	Pass
NVNT	n40	5230	Ant1	14.32	0	14.32	24	Pass

-26dB Bandwidth

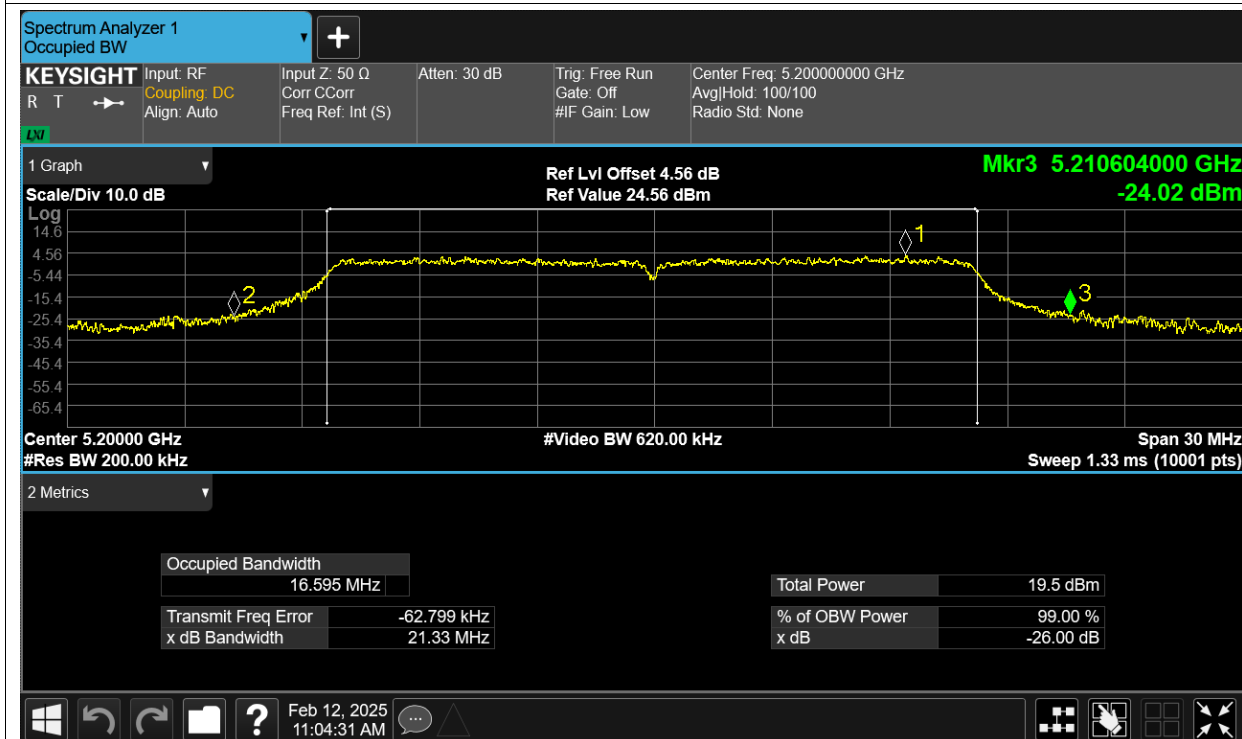
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	21.267
NVNT	a	5200	Ant1	21.333
NVNT	a	5240	Ant1	20.975
NVNT	ac20	5180	Ant1	21.378
NVNT	ac20	5200	Ant1	21.851
NVNT	ac20	5240	Ant1	21.542
NVNT	ac40	5190	Ant1	42.409
NVNT	ac40	5230	Ant1	40.859
NVNT	ac80	5210	Ant1	83.668
NVNT	n20	5180	Ant1	21.668
NVNT	n20	5200	Ant1	21.588
NVNT	n20	5240	Ant1	21.447
NVNT	n40	5190	Ant1	42.467
NVNT	n40	5230	Ant1	41.189

Test Graphs

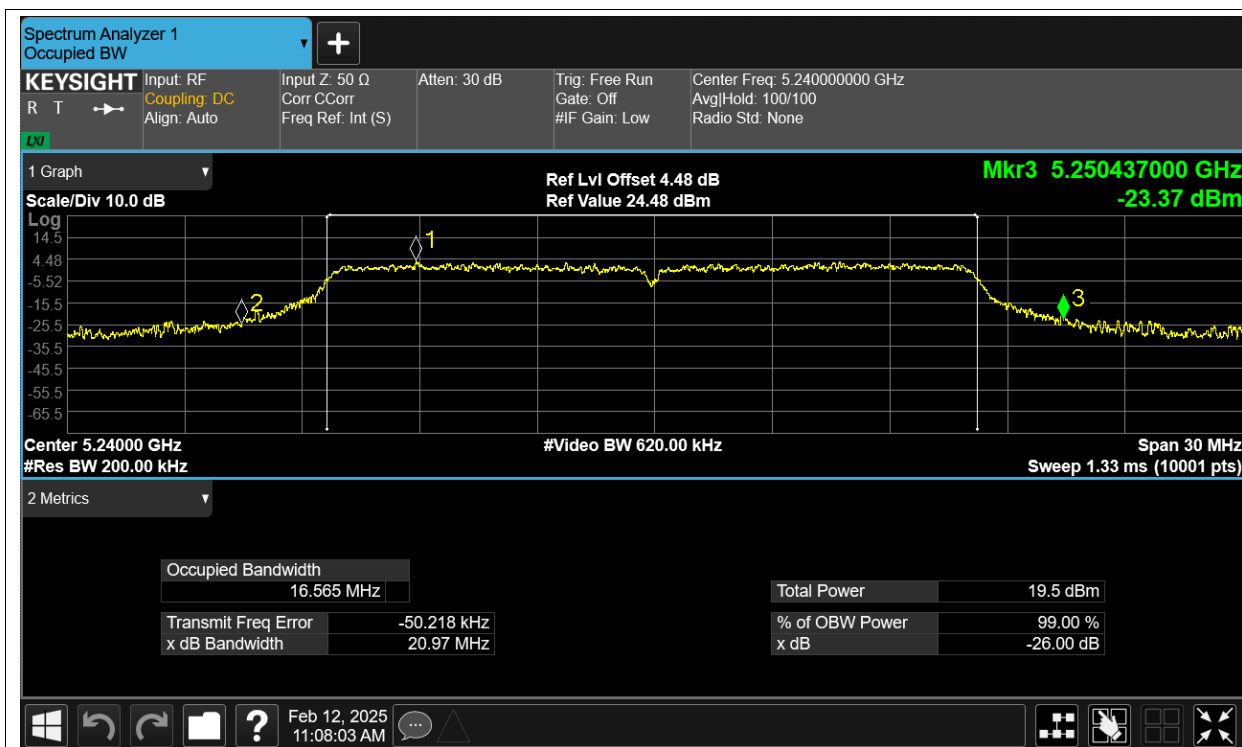
-26dB Bandwidth NVNT a 5180MHz Ant1



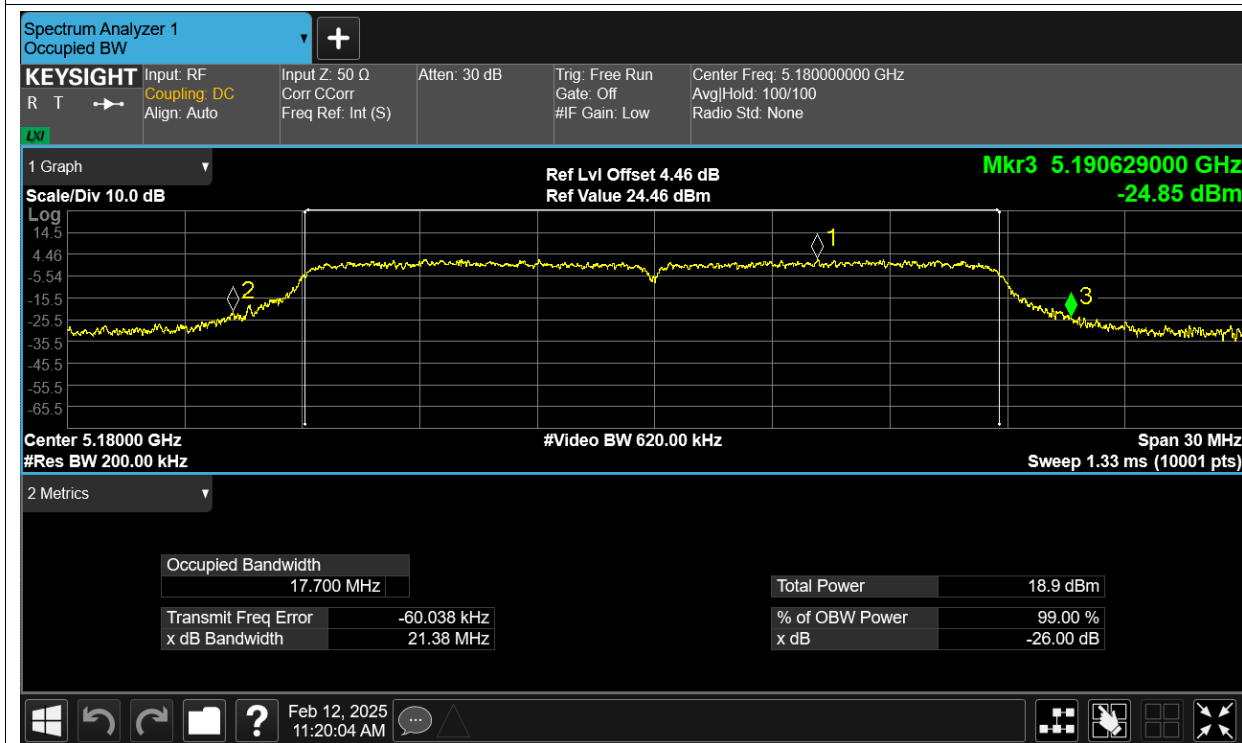
-26dB Bandwidth NVNT a 5200MHz Ant1



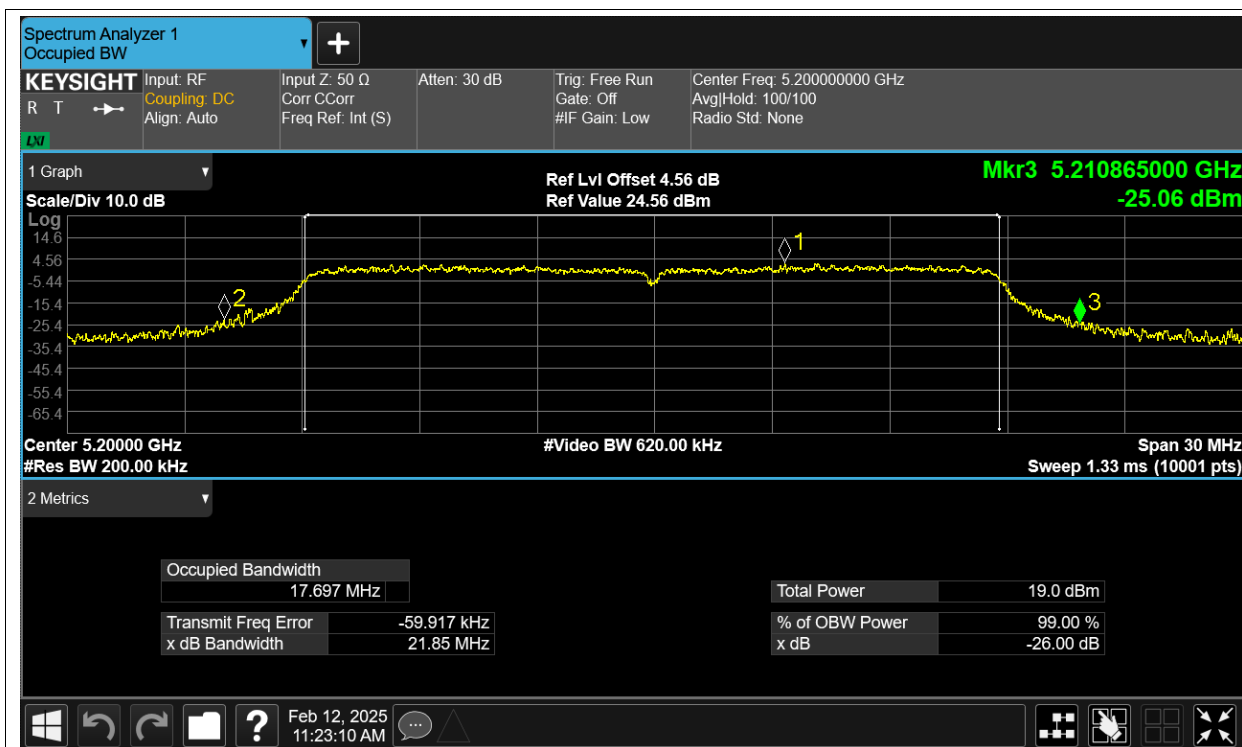
-26dB Bandwidth NVNT a 5240MHz Ant1



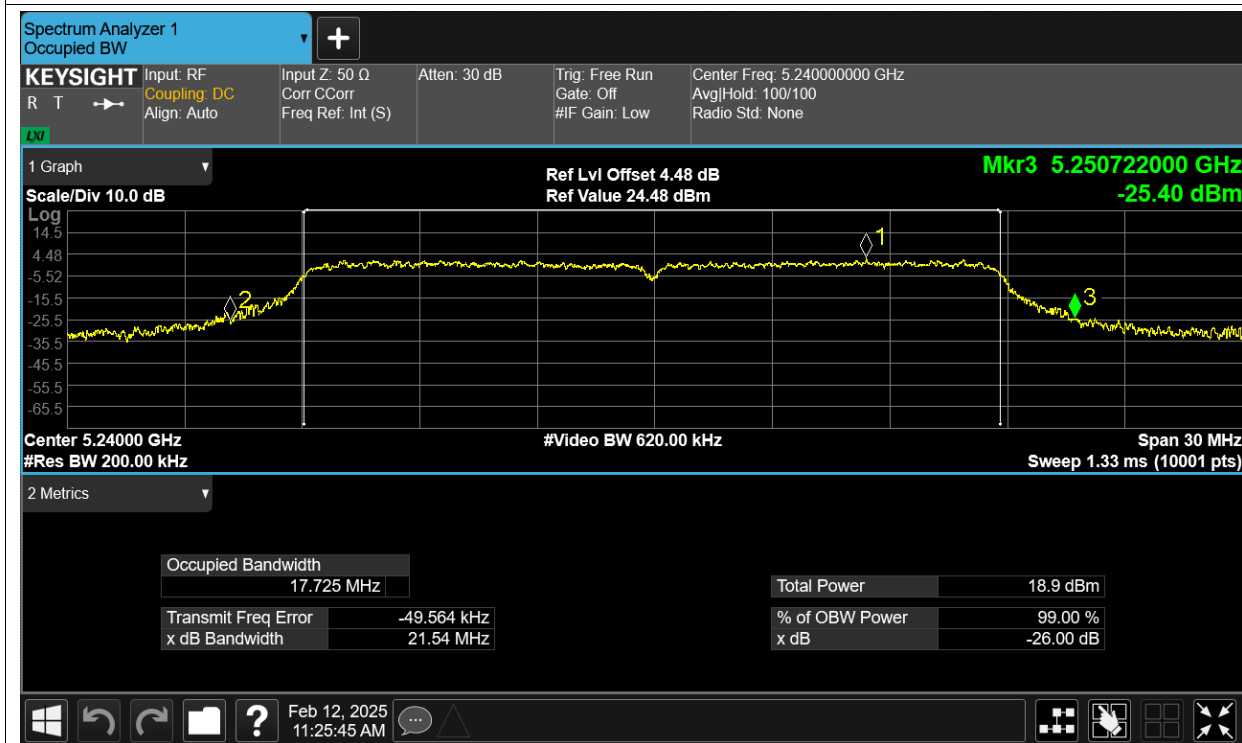
-26dB Bandwidth NVNT ac20 5180MHz Ant1



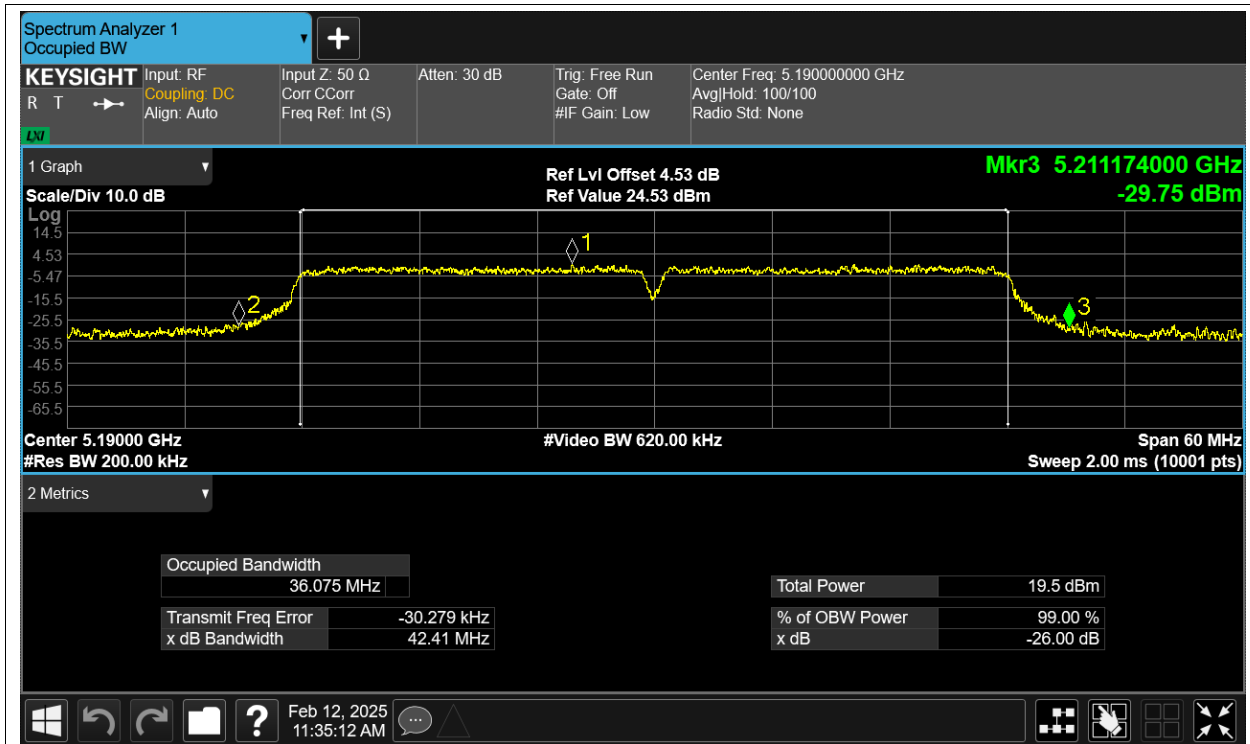
-26dB Bandwidth NVNT ac20 5200MHz Ant1



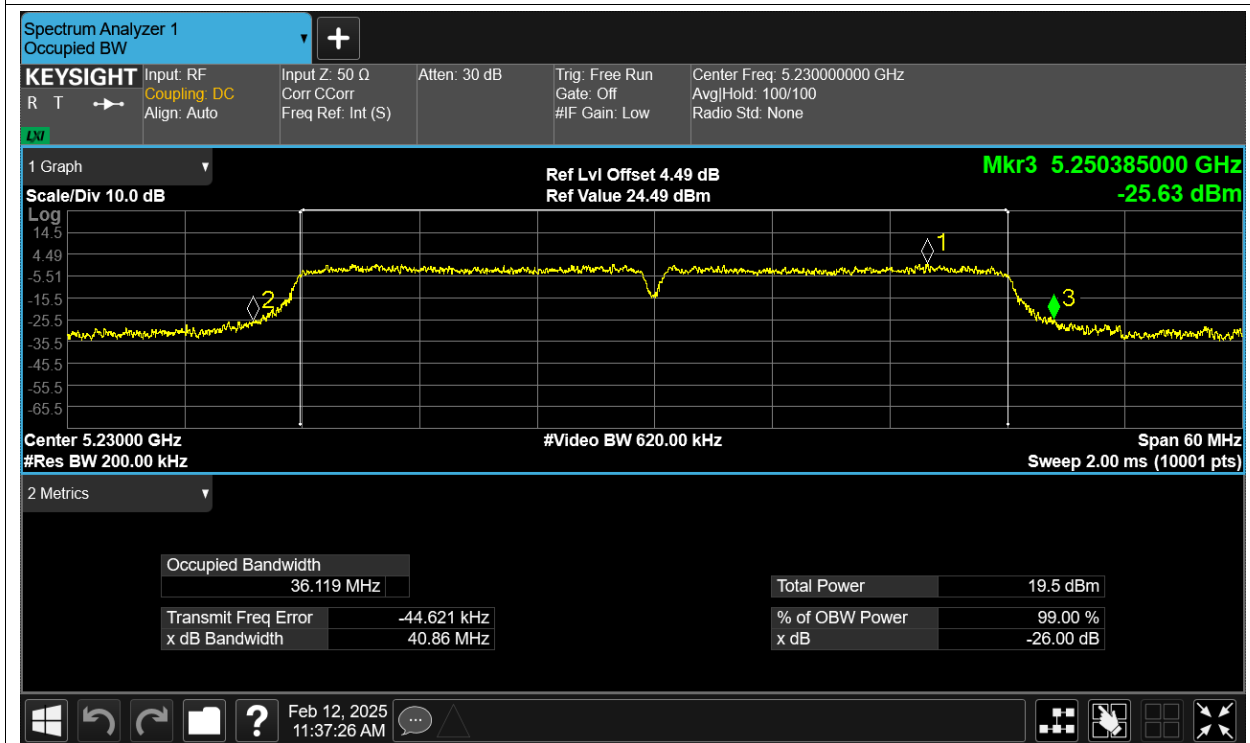
-26dB Bandwidth NVNT ac20 5240MHz Ant1



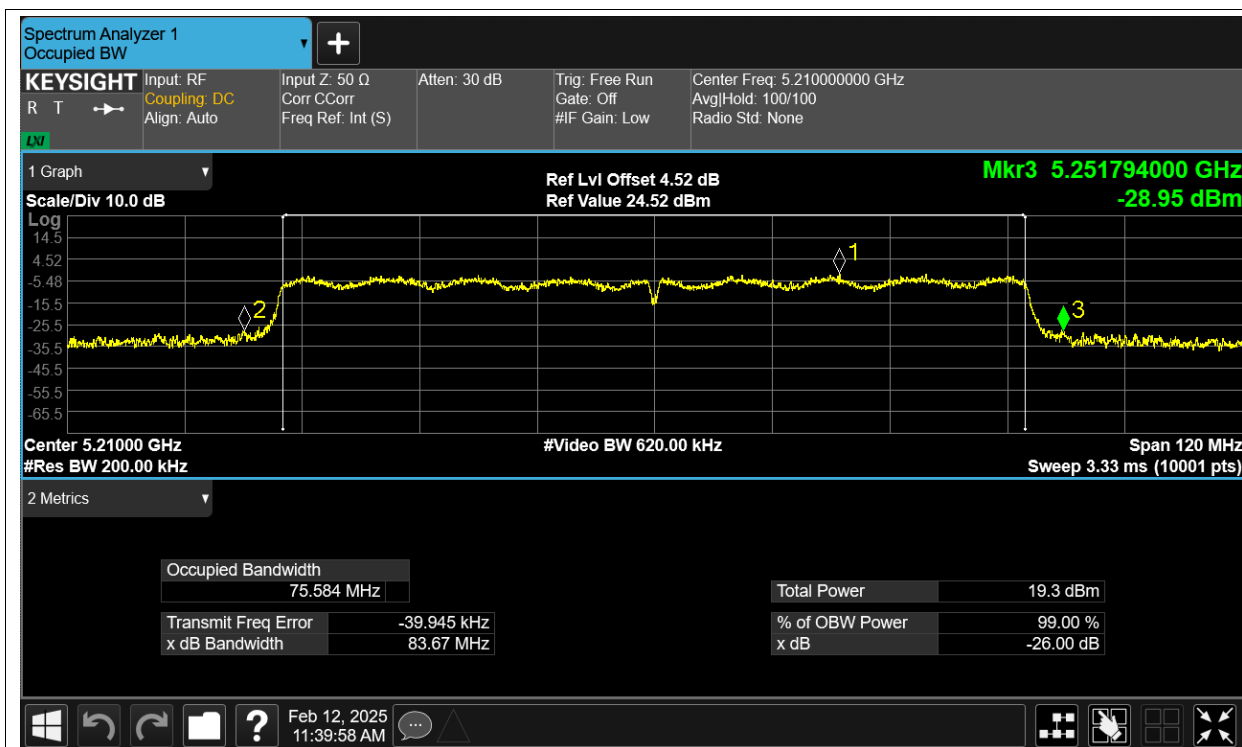
-26dB Bandwidth NVNT ac40 5190MHz Ant1



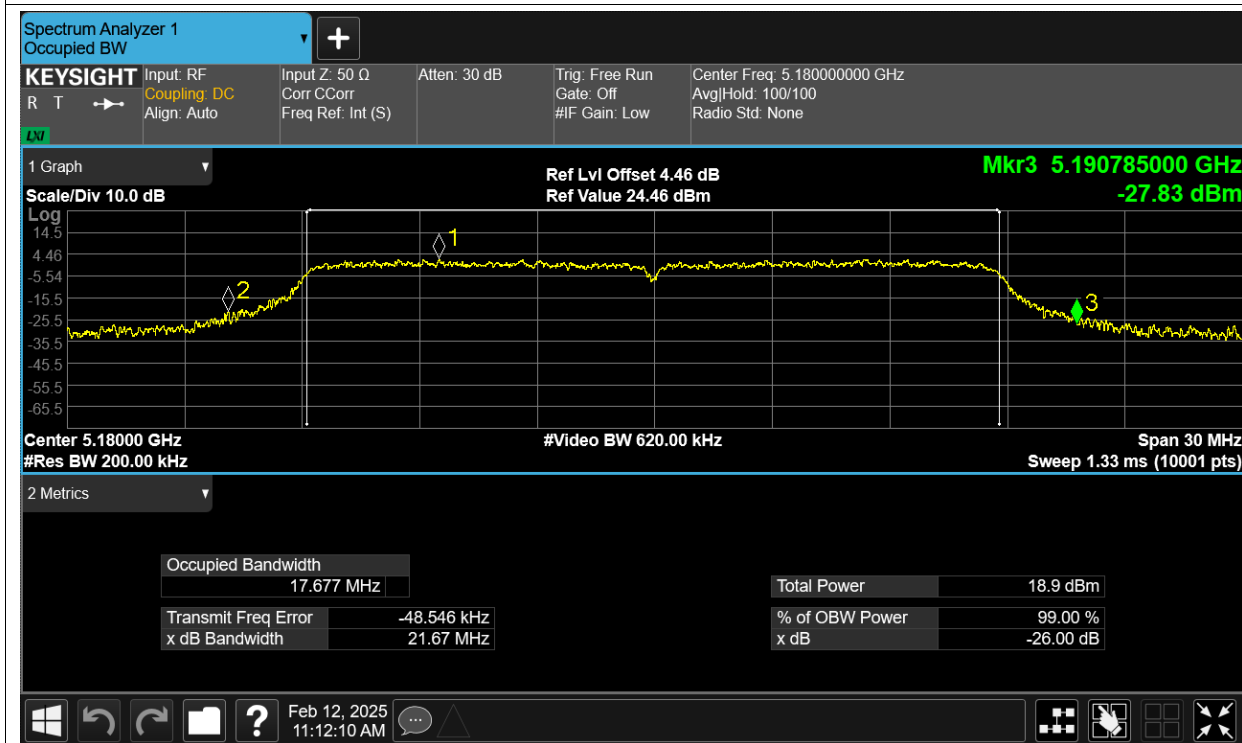
-26dB Bandwidth NVNT ac40 5230MHz Ant1



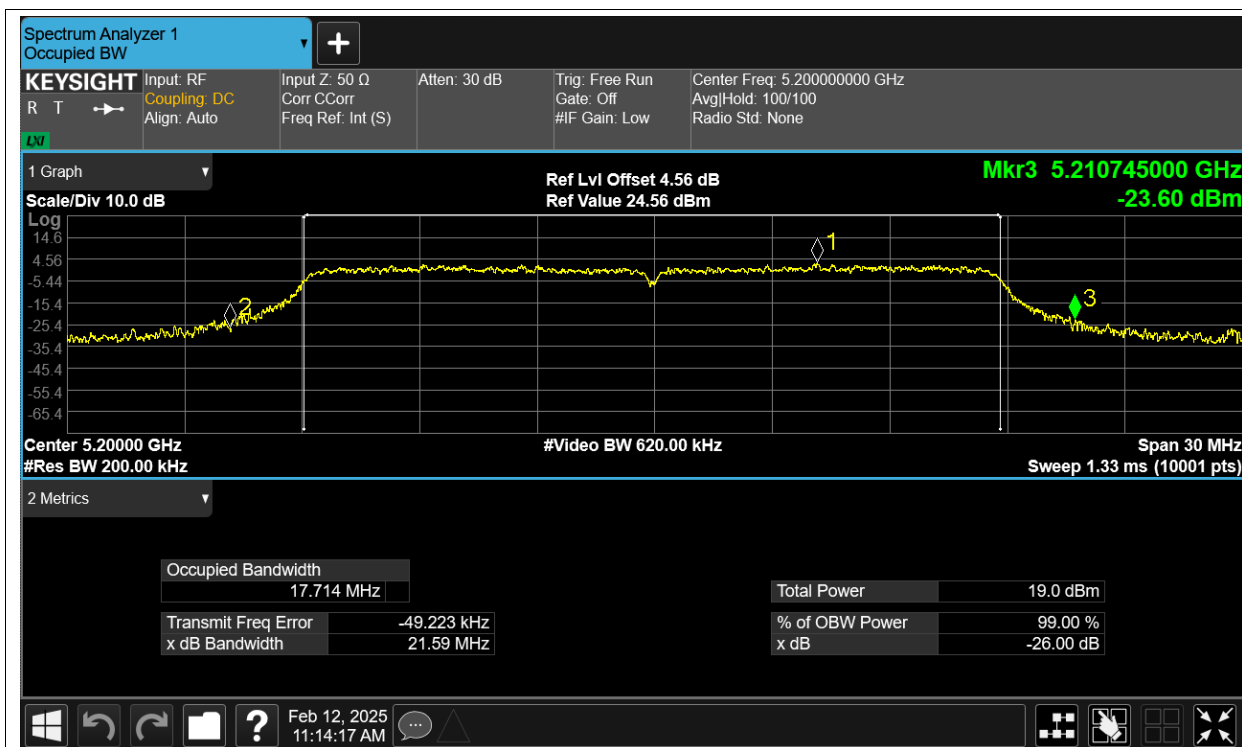
-26dB Bandwidth NVNT ac80 5210MHz Ant1



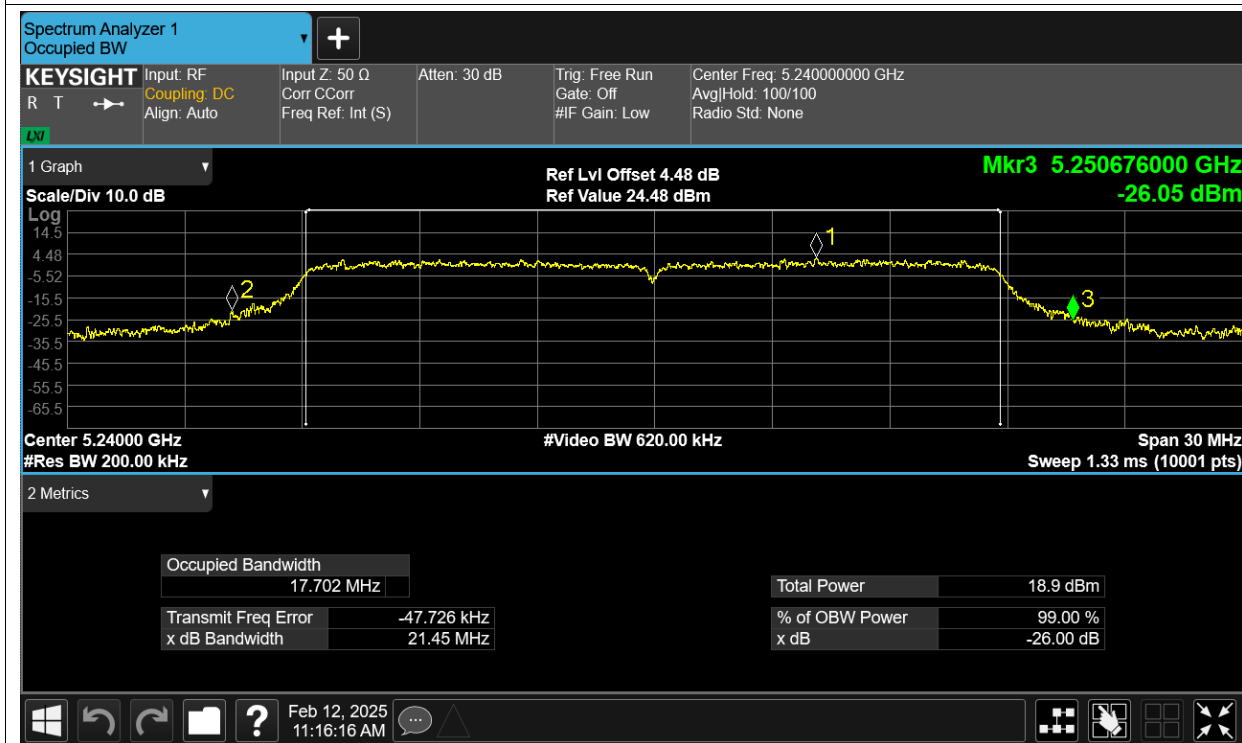
-26dB Bandwidth NVNT n20 5180MHz Ant1



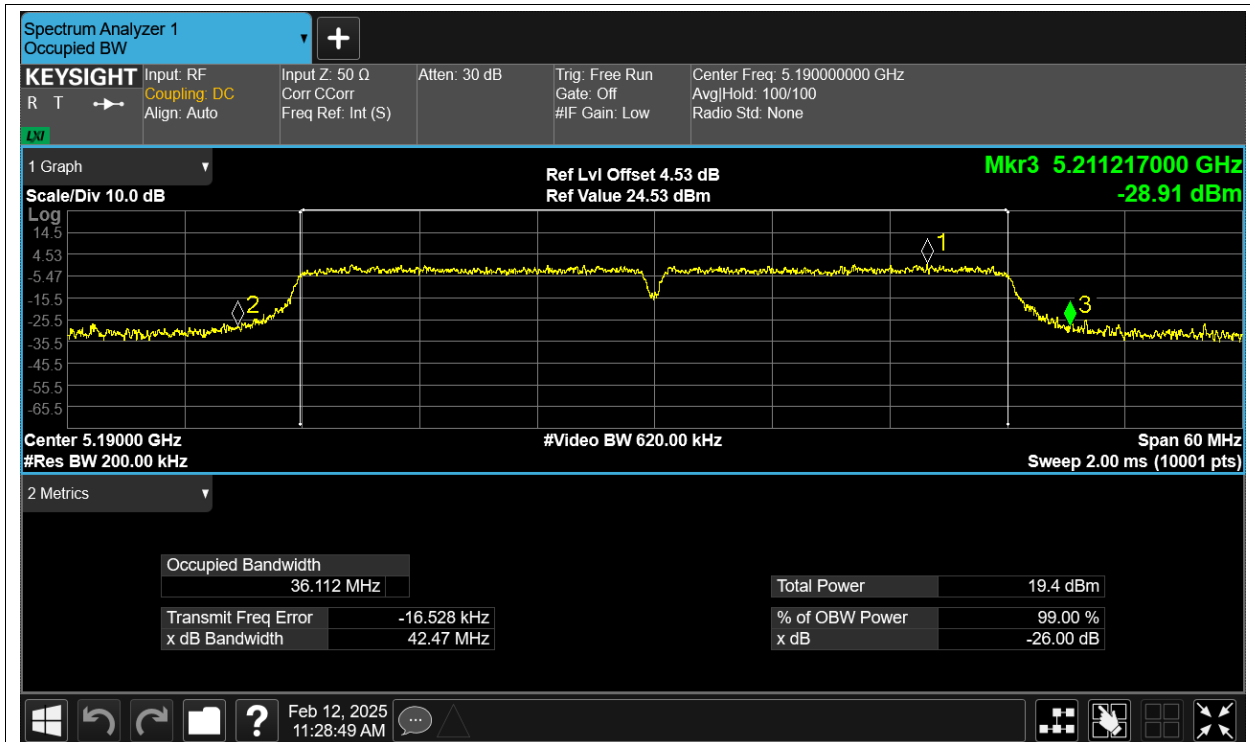
-26dB Bandwidth NVNT n20 5200MHz Ant1



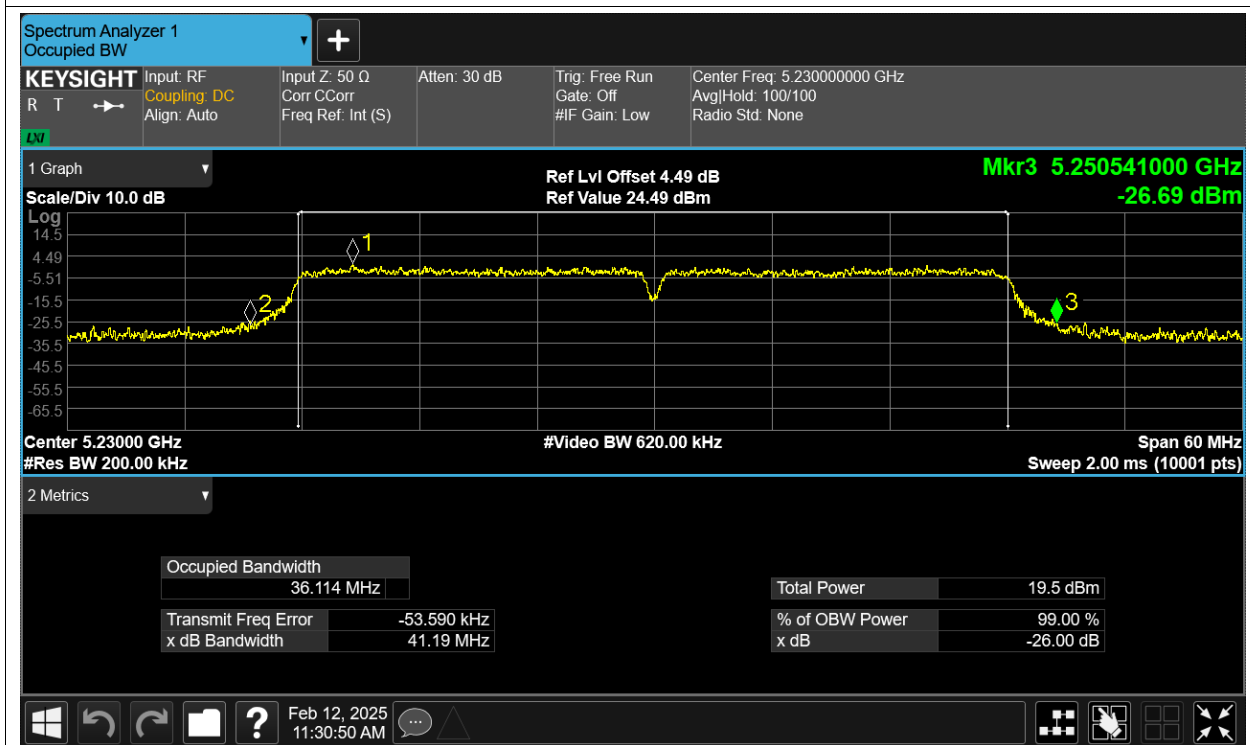
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



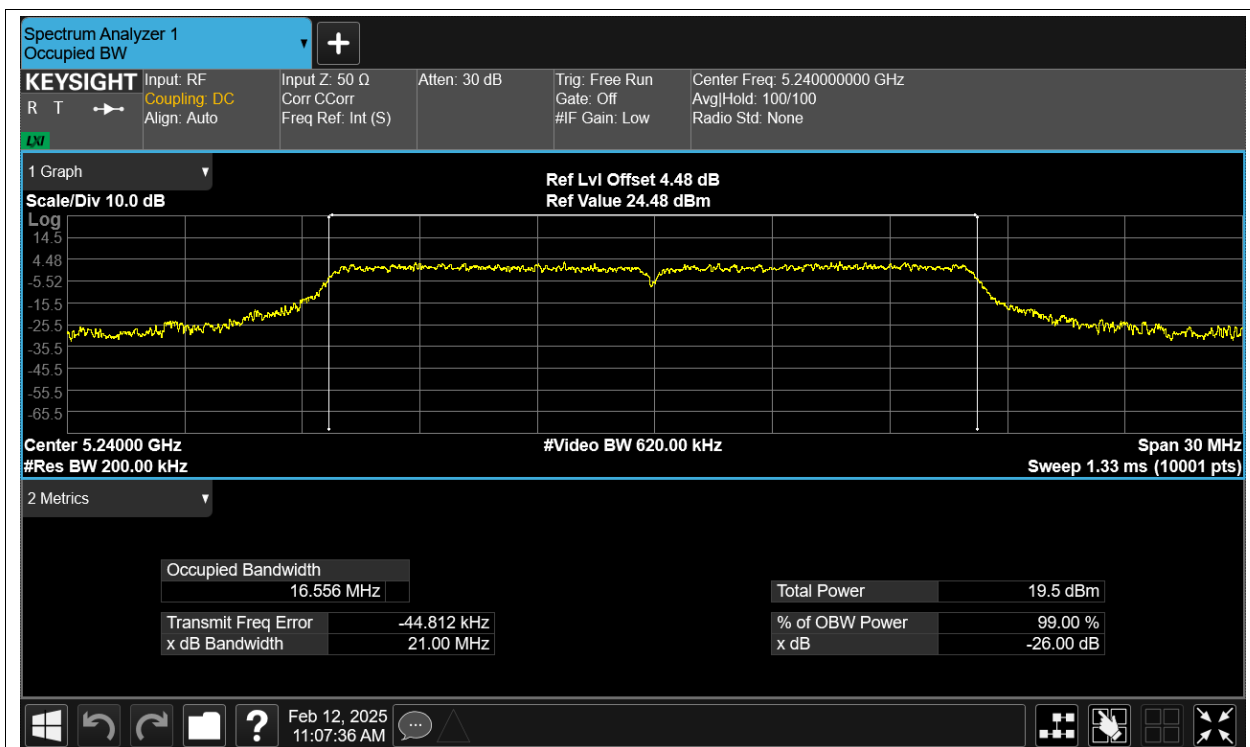
-26dB Bandwidth NVNT n40 5230MHz Ant1



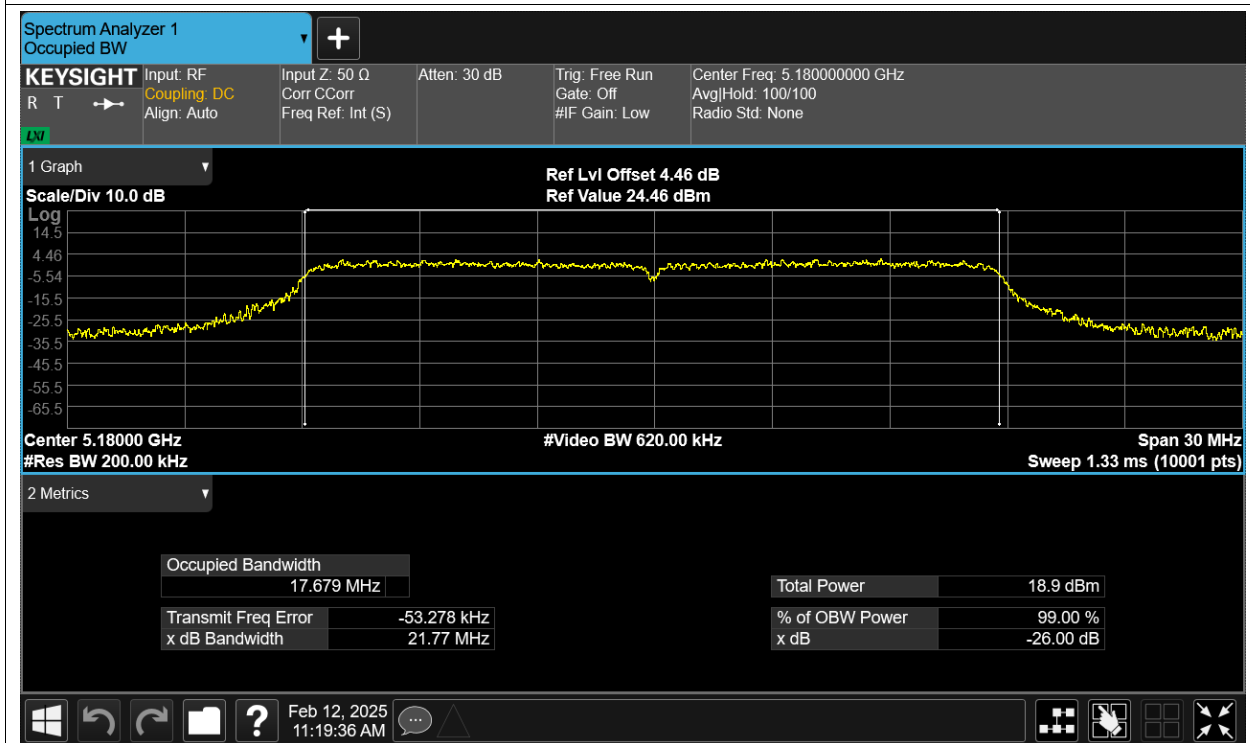
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.574
NVNT	a	5200	Ant1	16.553
NVNT	a	5240	Ant1	16.556
NVNT	ac20	5180	Ant1	17.679
NVNT	ac20	5200	Ant1	17.727
NVNT	ac20	5240	Ant1	17.714
NVNT	ac40	5190	Ant1	36.212
NVNT	ac40	5230	Ant1	36.22
NVNT	ac80	5210	Ant1	75.734
NVNT	n20	5180	Ant1	17.675
NVNT	n20	5200	Ant1	17.719
NVNT	n20	5240	Ant1	17.696
NVNT	n40	5190	Ant1	36.253
NVNT	n40	5230	Ant1	36.249

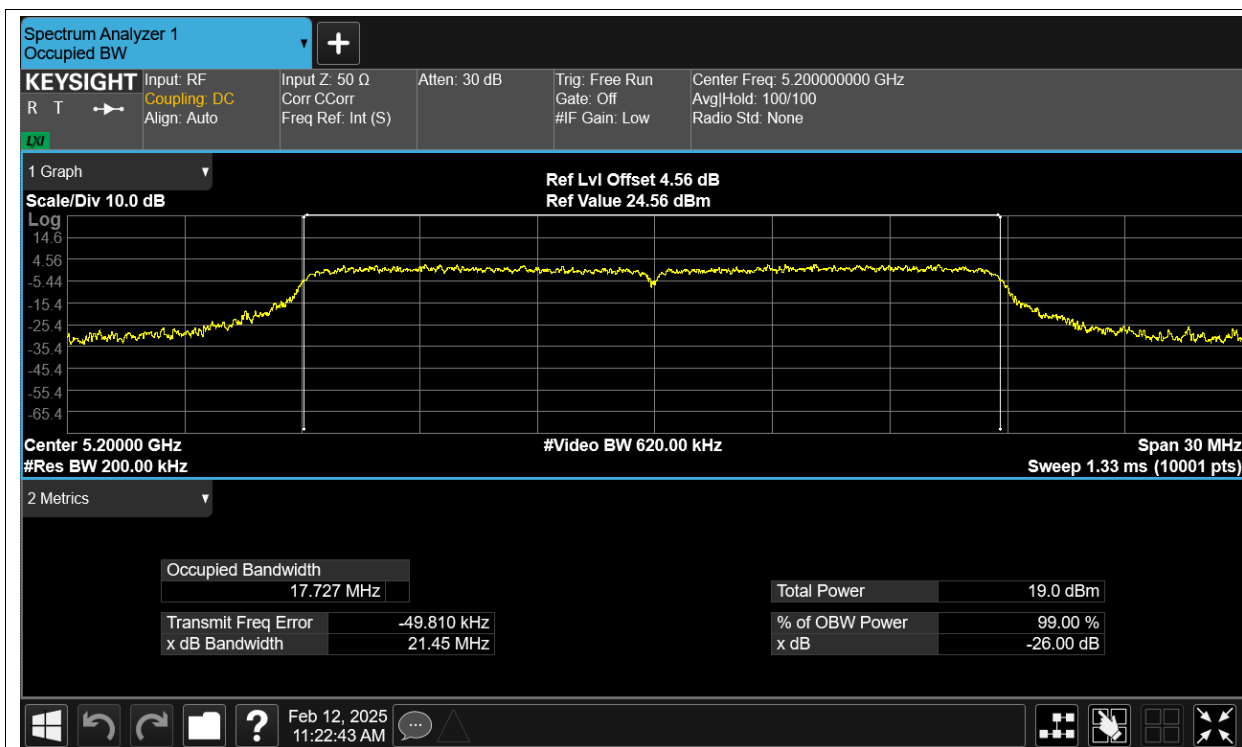




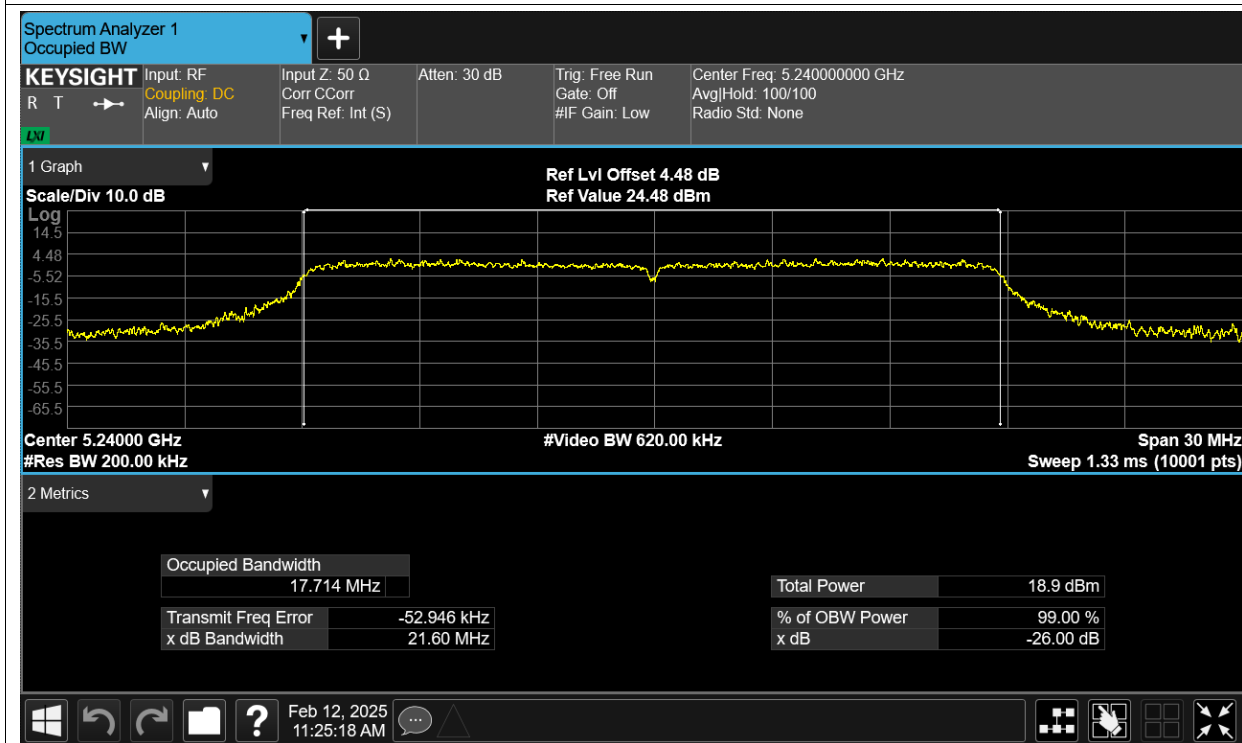
OBW NVNT ac20 5180MHz Ant1



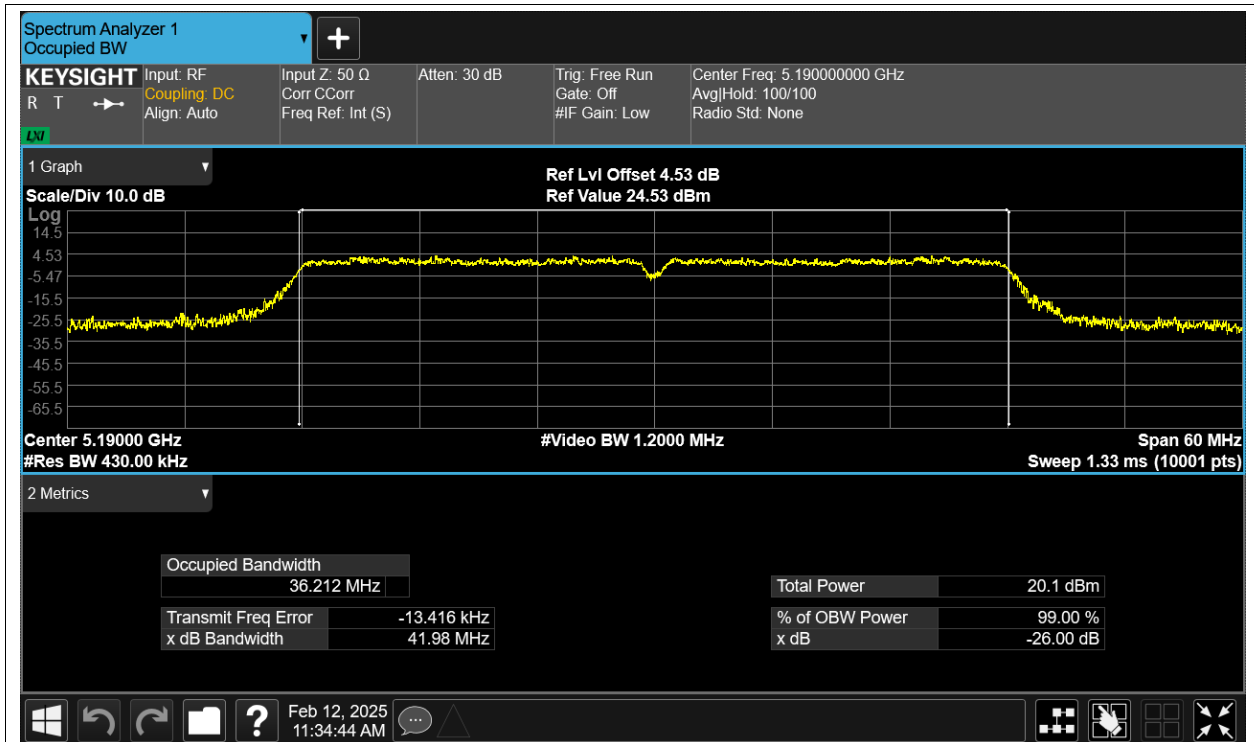
OBW NVNT ac20 5200MHz Ant1



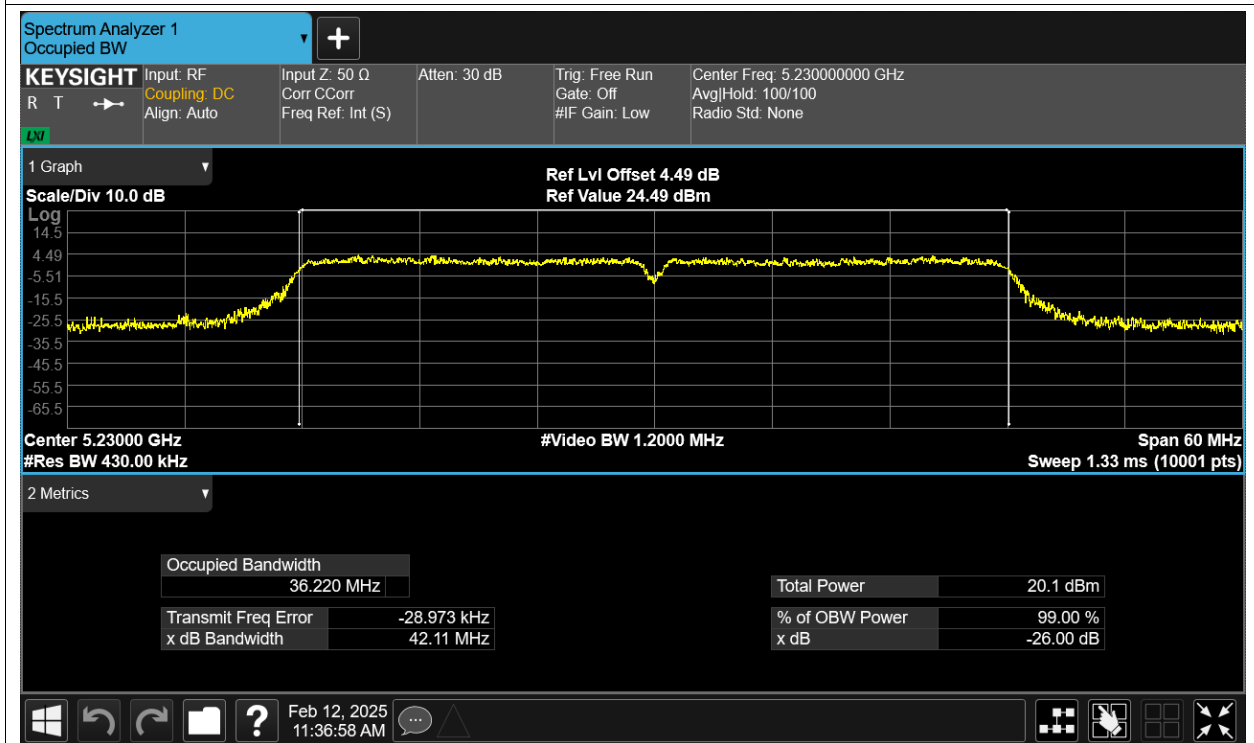
OBW NVNT ac20 5240MHz Ant1



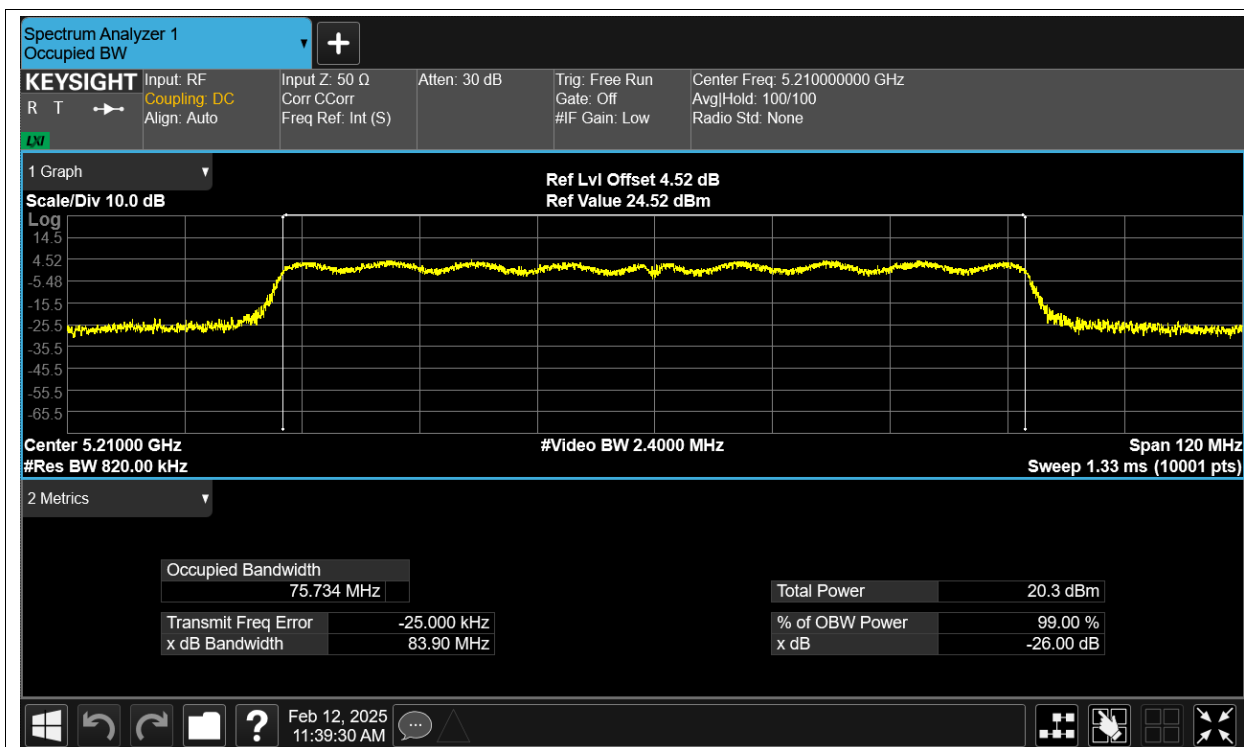
OBW NVNT ac40 5190MHz Ant1



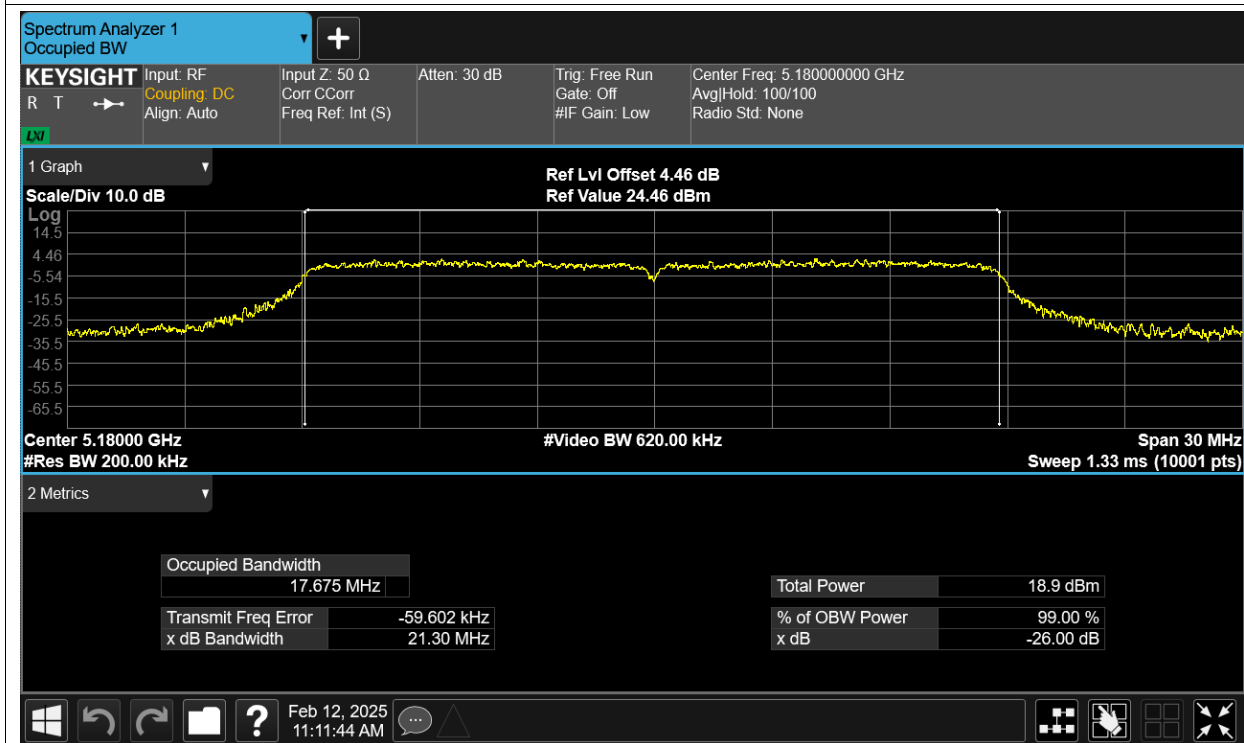
OBW NVNT ac40 5230MHz Ant1



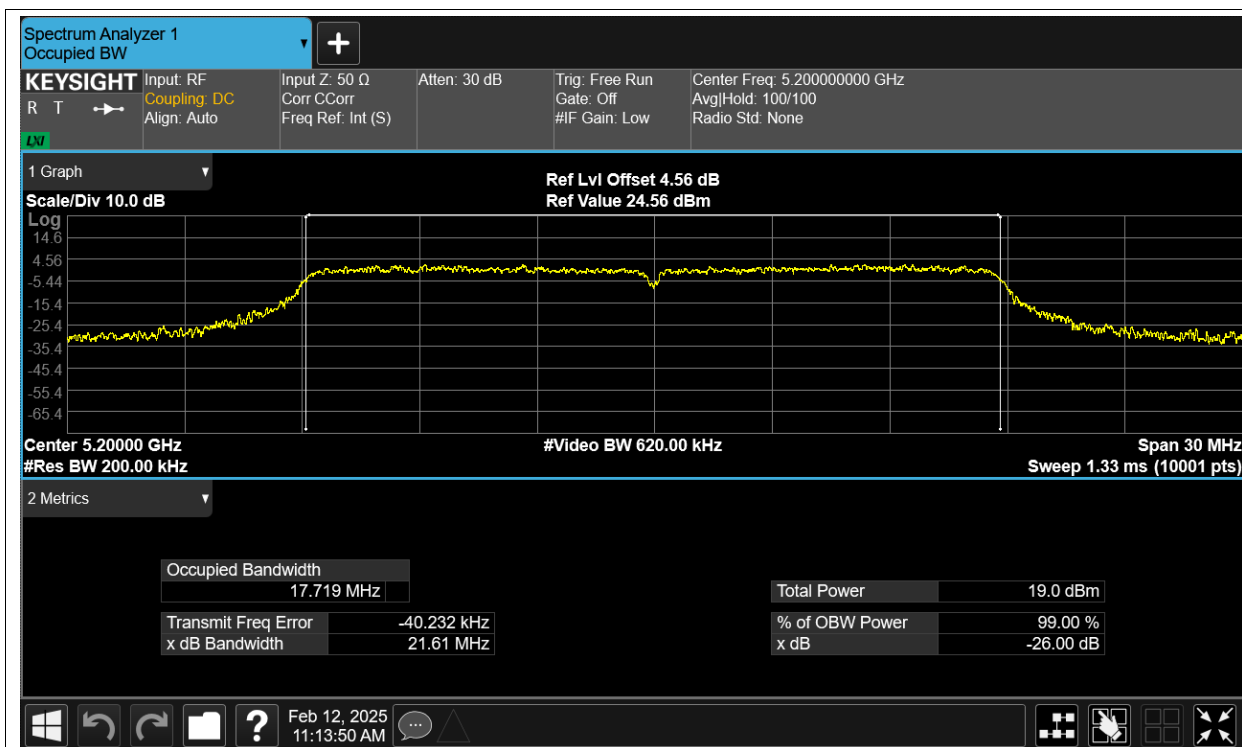
OBW NVNT ac80 5210MHz Ant1



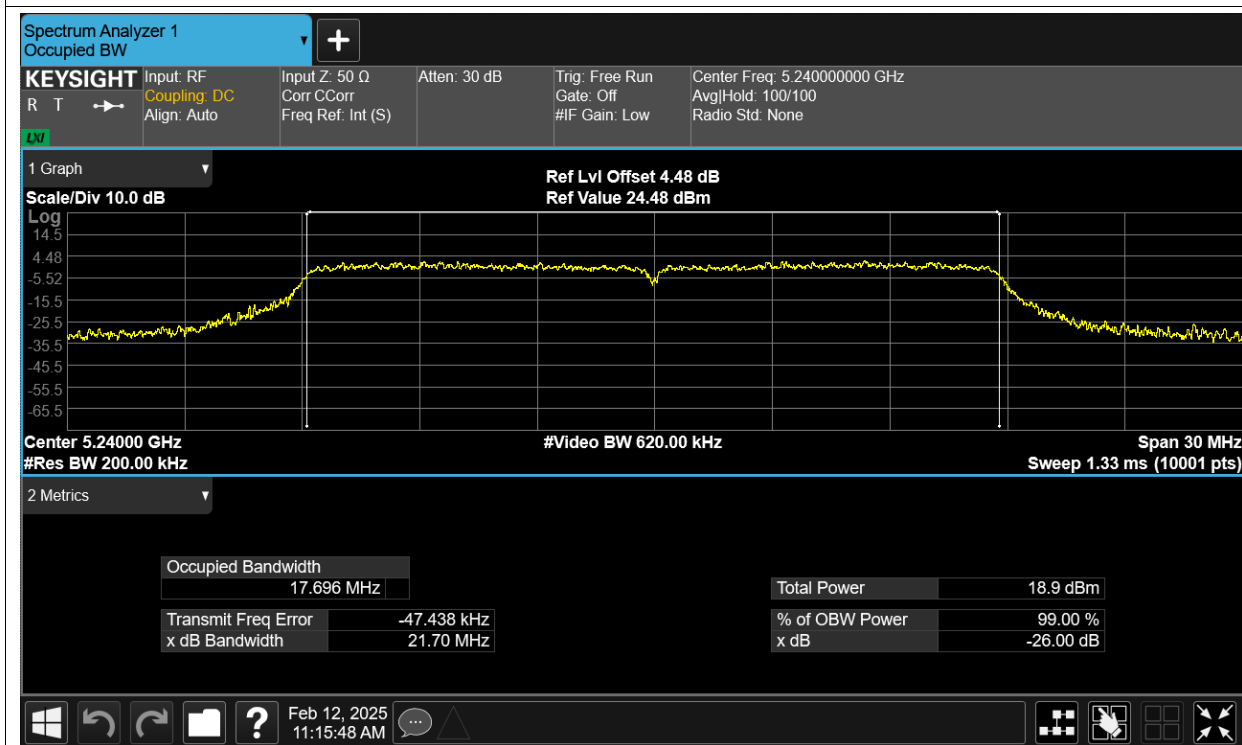
OBW NVNT n20 5180MHz Ant1



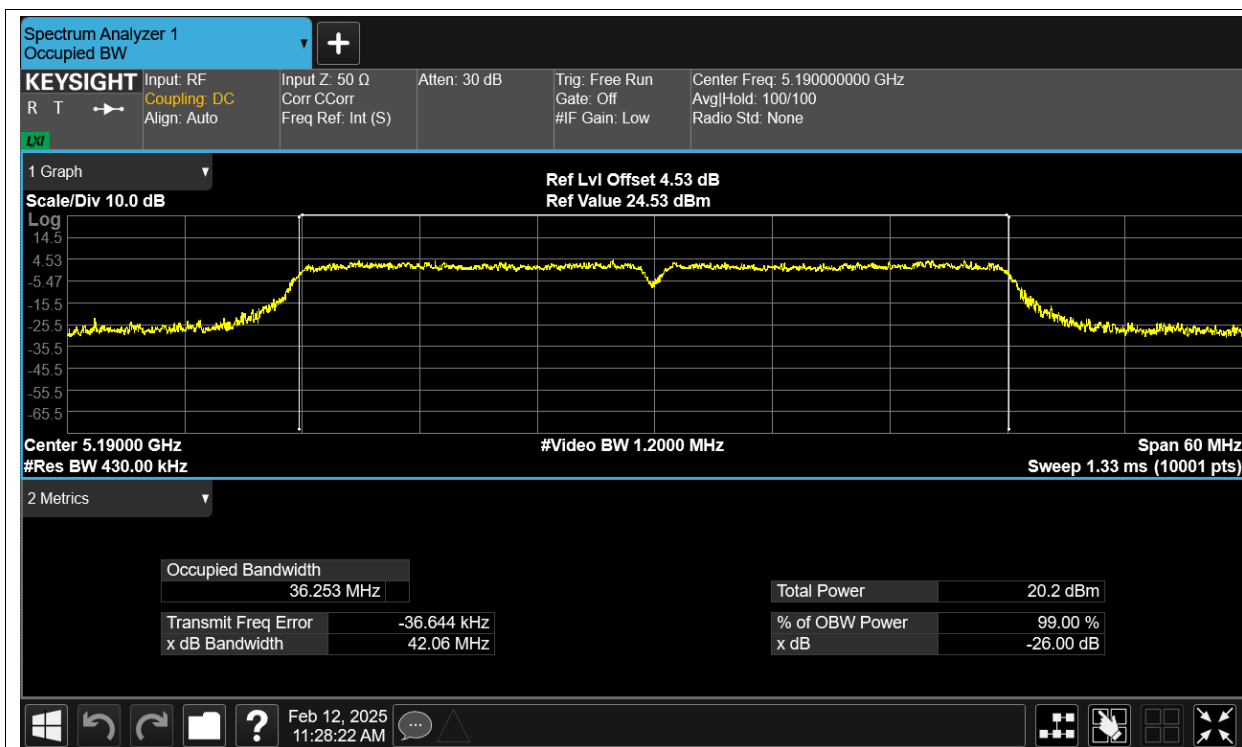
OBW NVNT n20 5200MHz Ant1



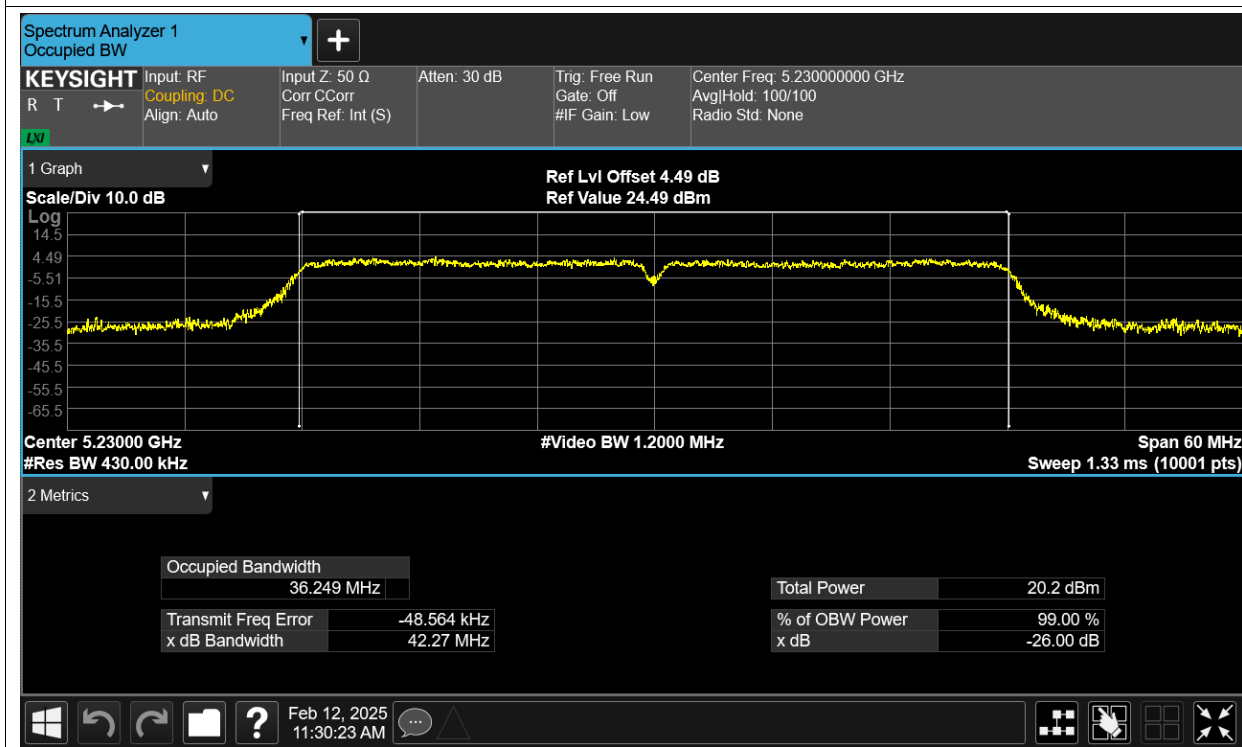
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

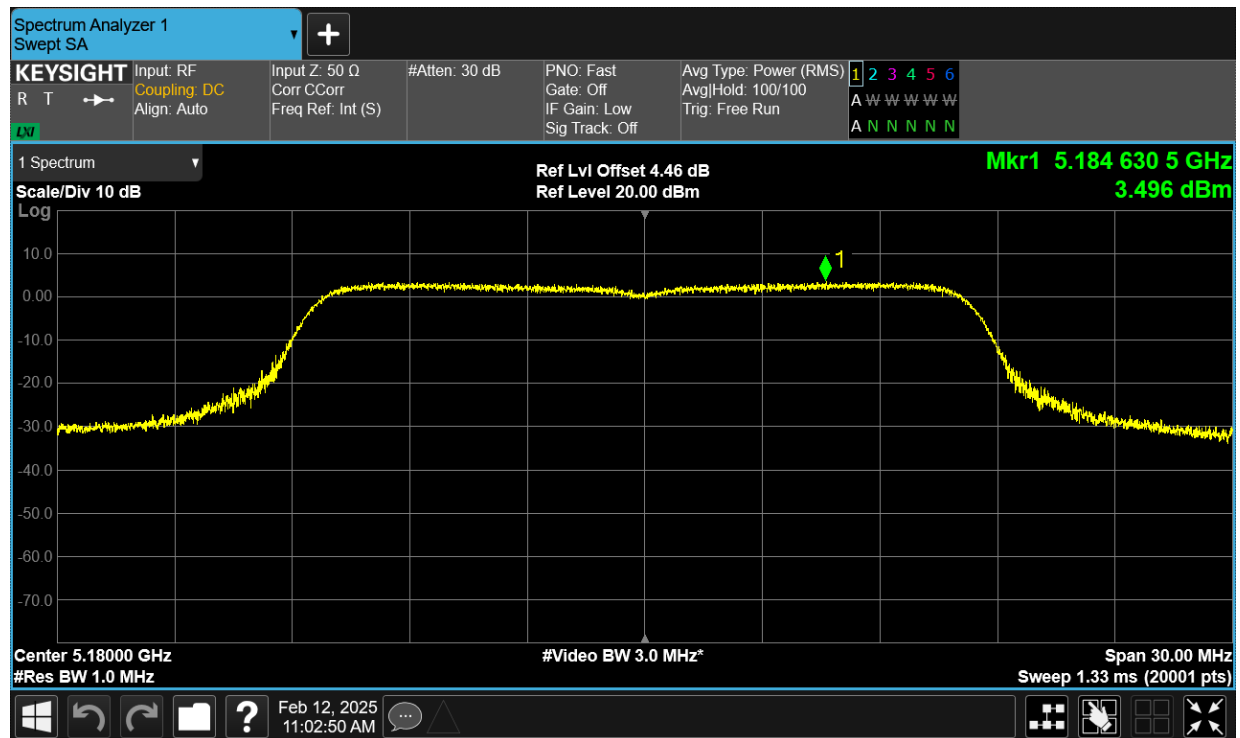


Maximum Power Spectral Density Level

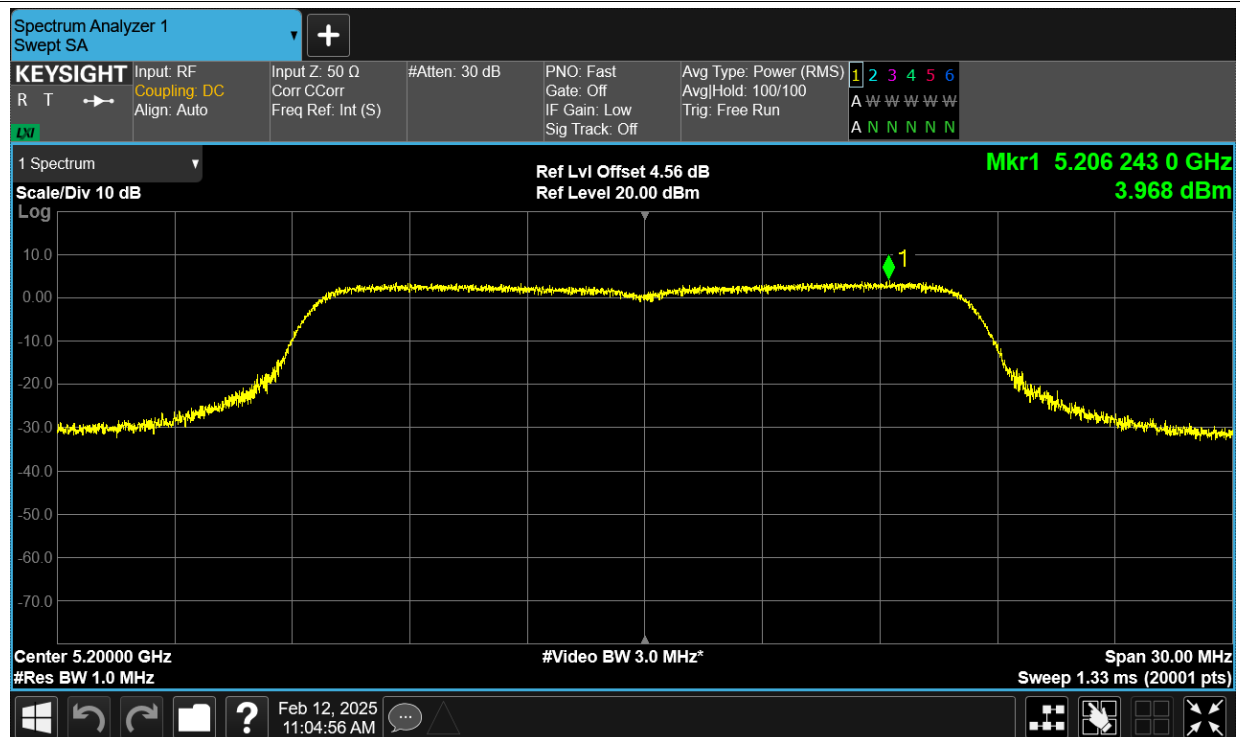
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.496	11	Pass
NVNT	a	5200	Ant1	3.968	11	Pass
NVNT	a	5240	Ant1	3.68	11	Pass
NVNT	ac20	5180	Ant1	3.342	11	Pass
NVNT	ac20	5200	Ant1	3.271	11	Pass
NVNT	ac20	5240	Ant1	3.218	11	Pass
NVNT	ac40	5190	Ant1	0.689	11	Pass
NVNT	ac40	5230	Ant1	1	11	Pass
NVNT	ac80	5210	Ant1	-1.789	11	Pass
NVNT	n20	5180	Ant1	2.801	11	Pass
NVNT	n20	5200	Ant1	3.264	11	Pass
NVNT	n20	5240	Ant1	2.936	11	Pass
NVNT	n40	5190	Ant1	1.045	11	Pass
NVNT	n40	5230	Ant1	0.943	11	Pass

Test Graphs

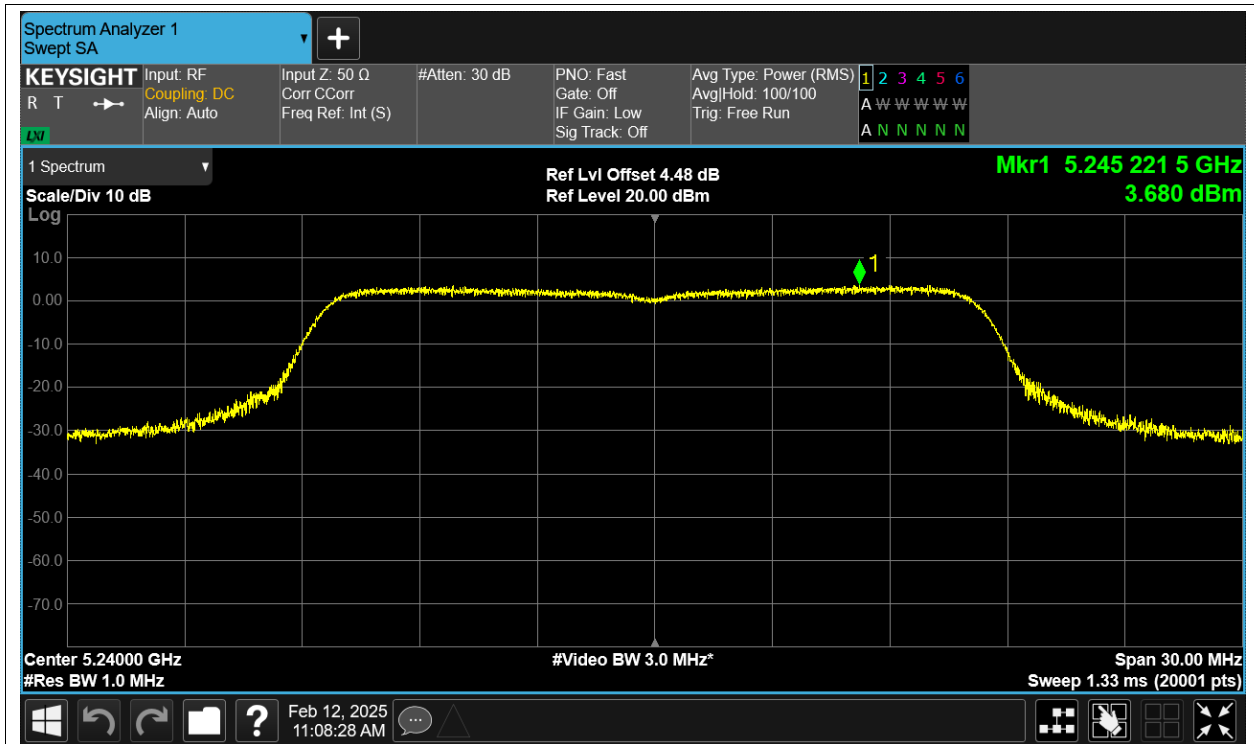
PSD NVNT a 5180MHz Ant1



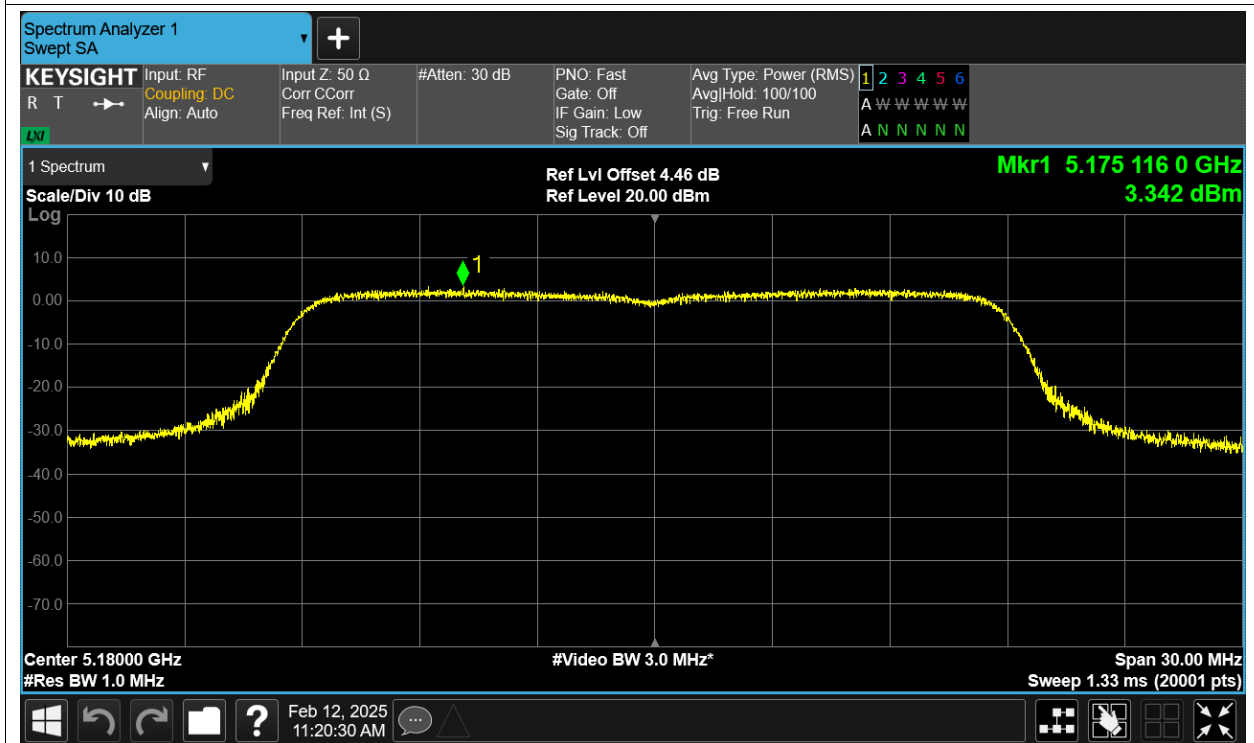
PSD NVNT a 5200MHz Ant1



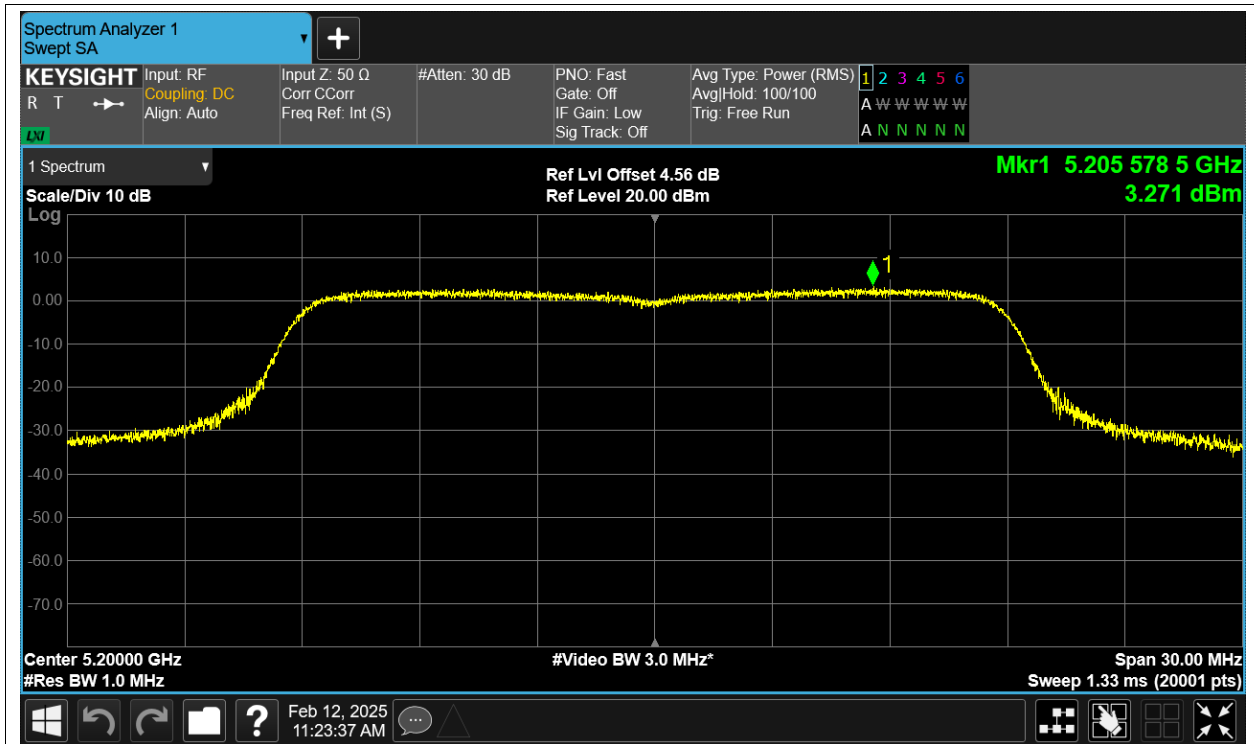
PSD NVNT a 5240MHz Ant1



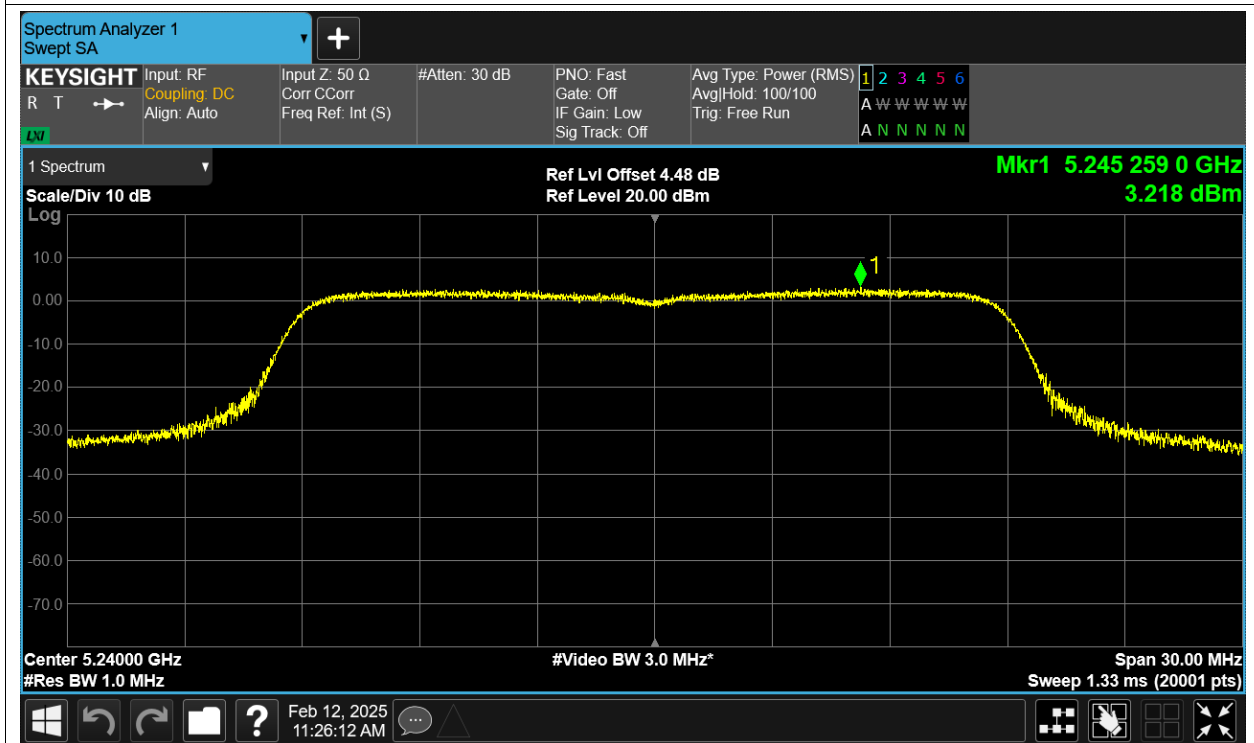
PSD NVNT ac20 5180MHz Ant1



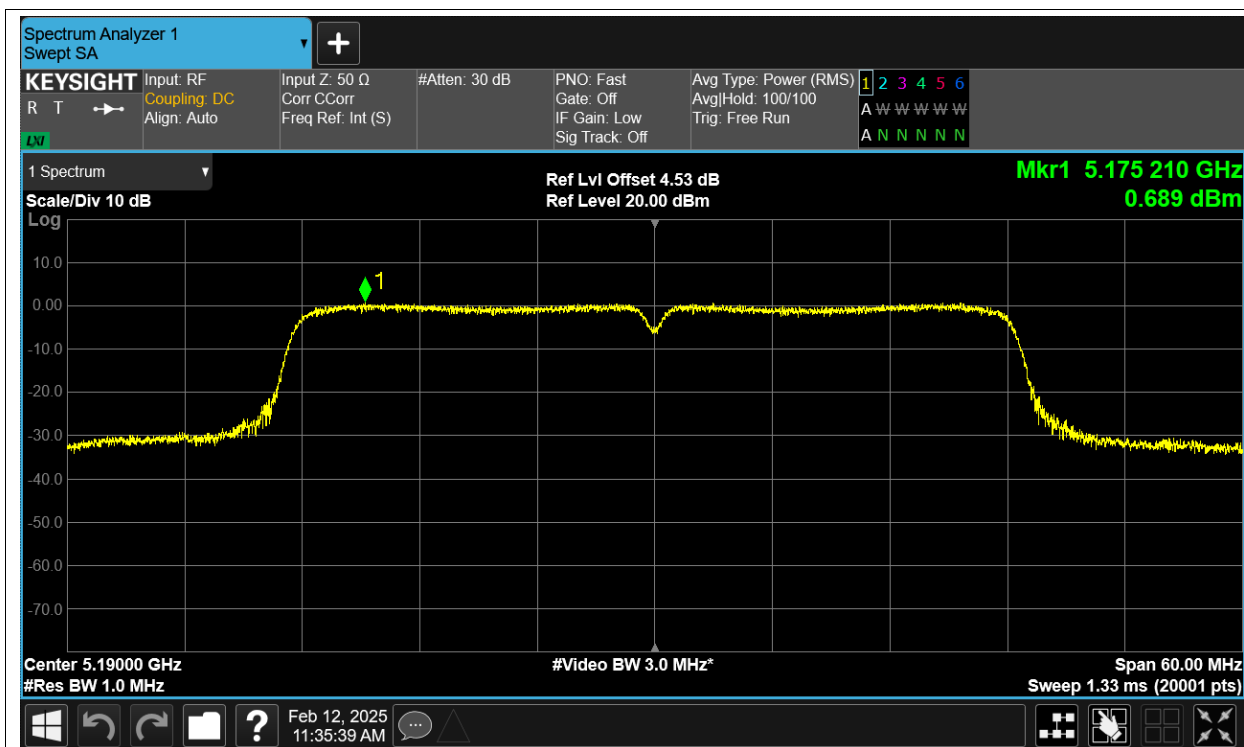
PSD NVNT ac20 5200MHz Ant1



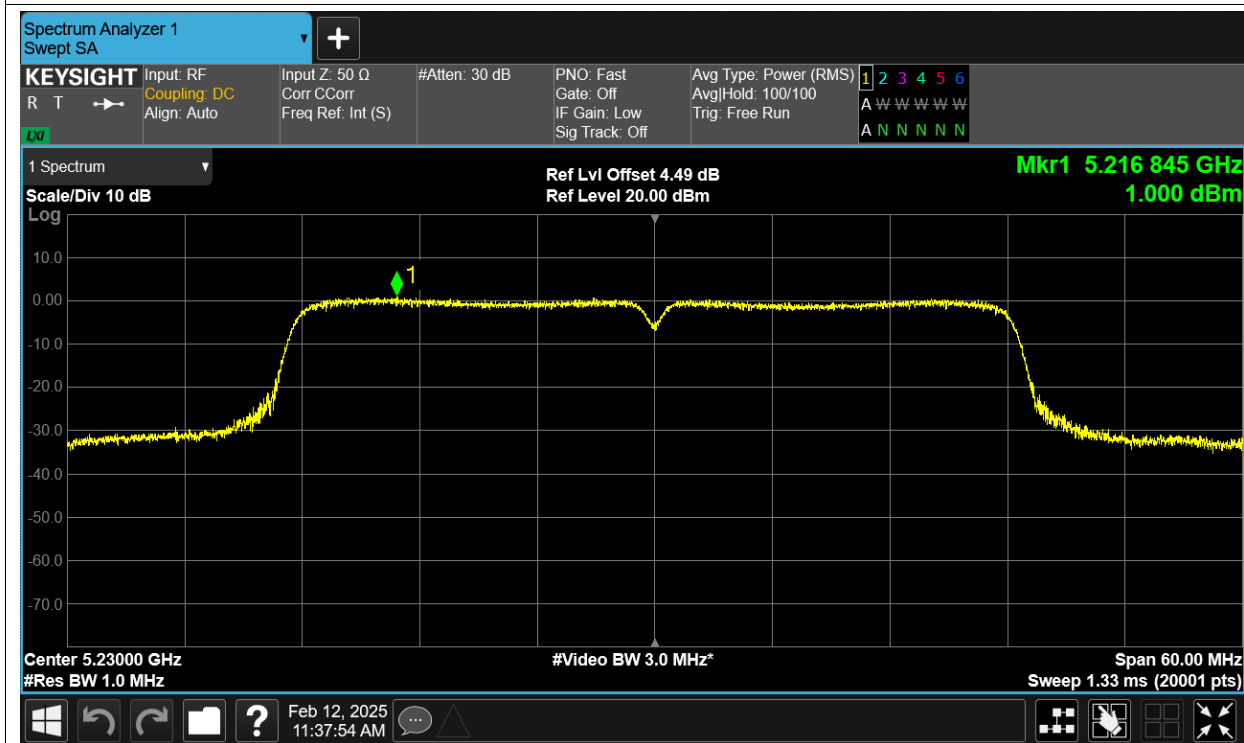
PSD NVNT ac20 5240MHz Ant1



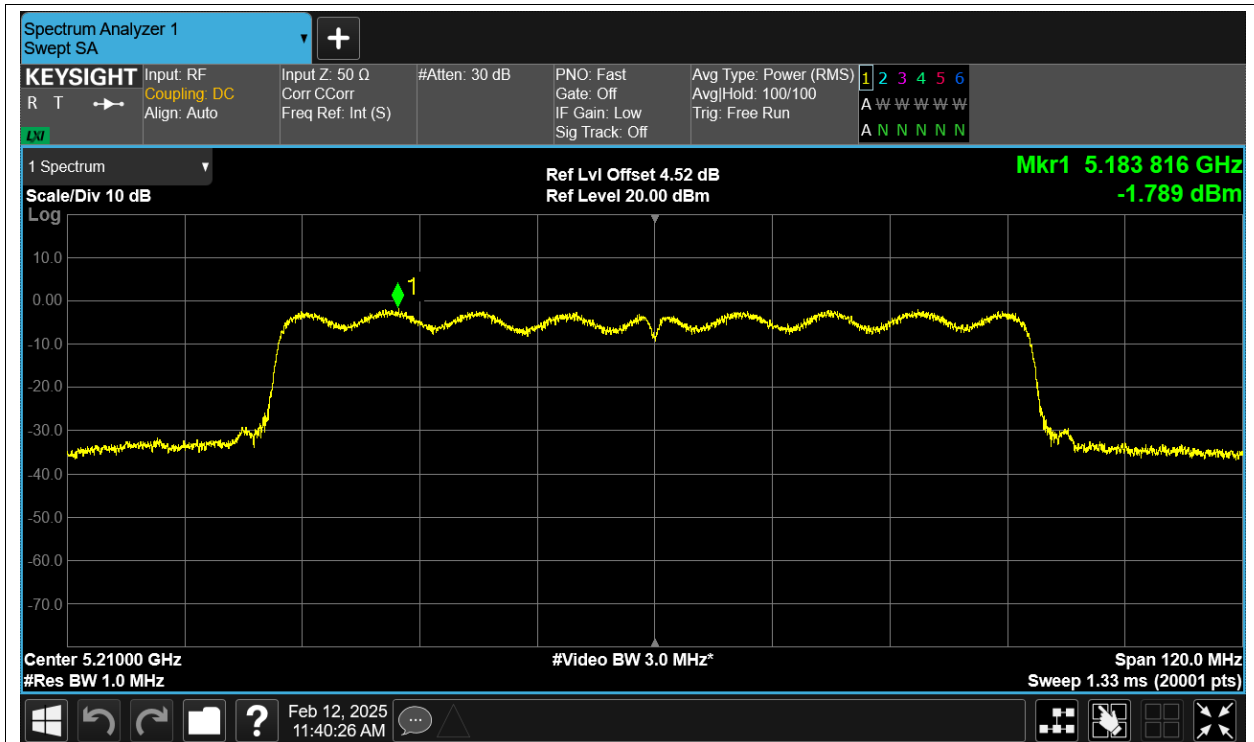
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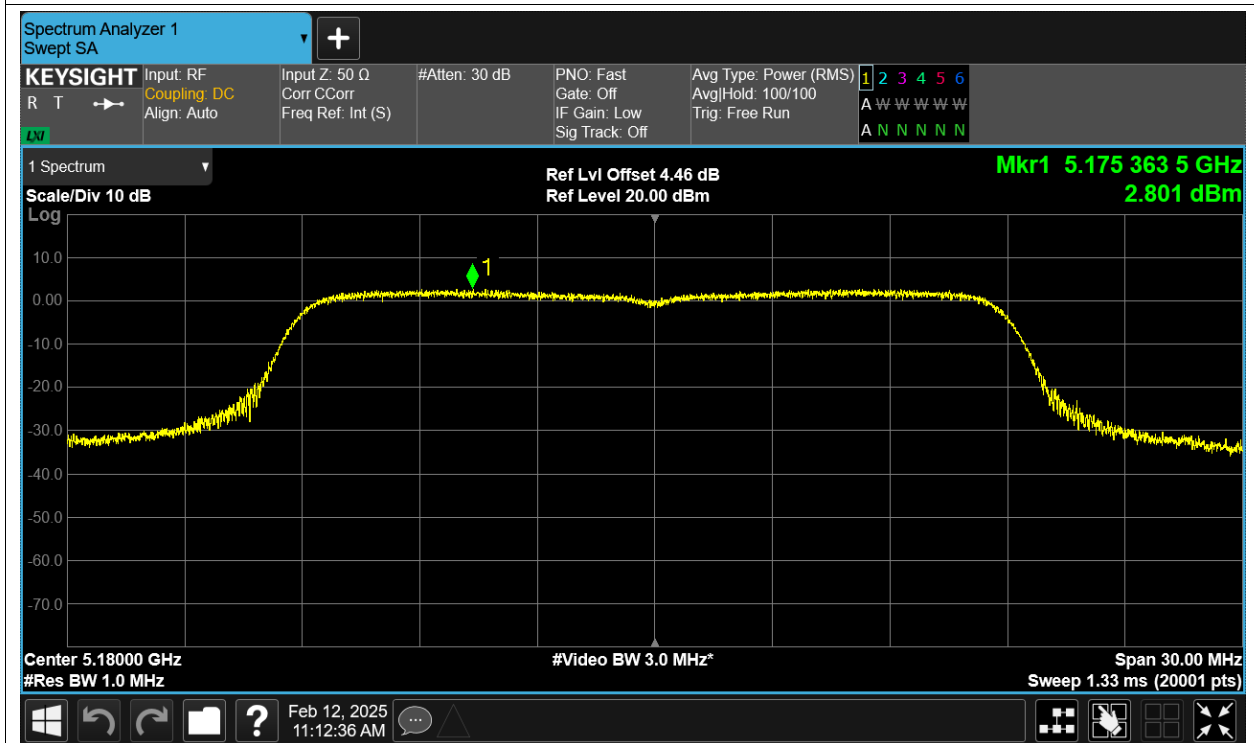
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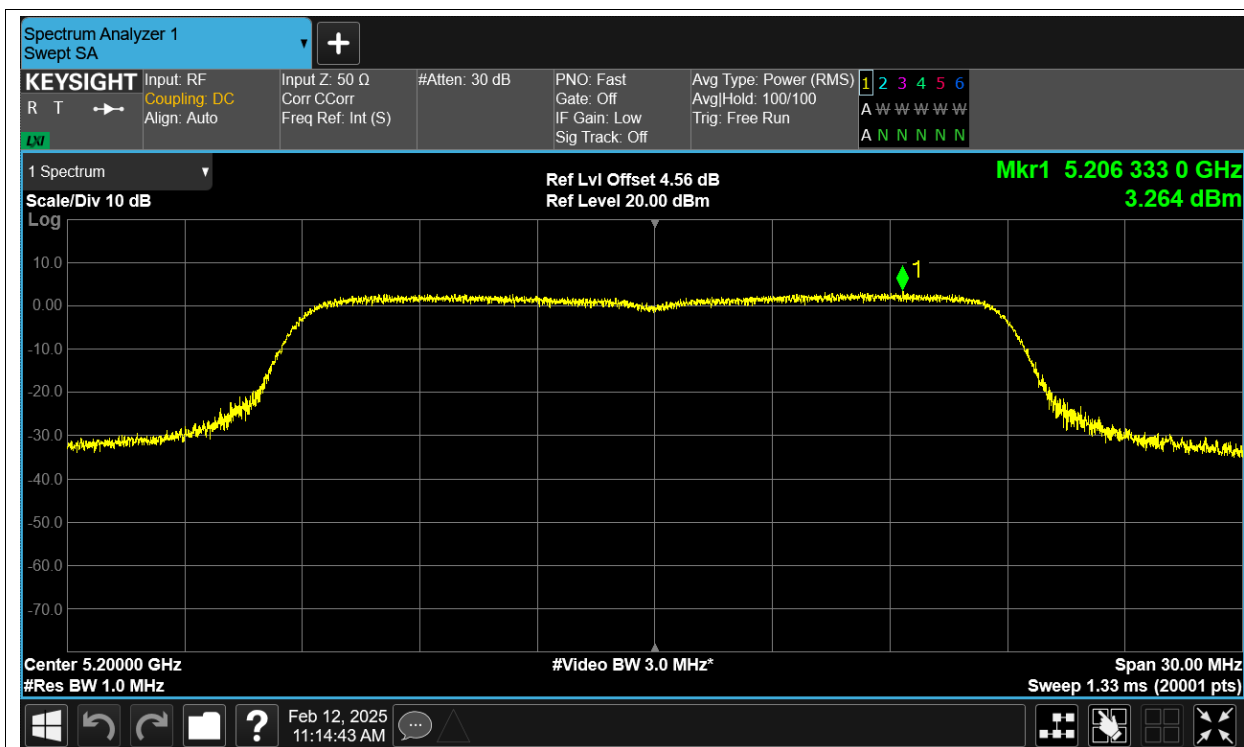
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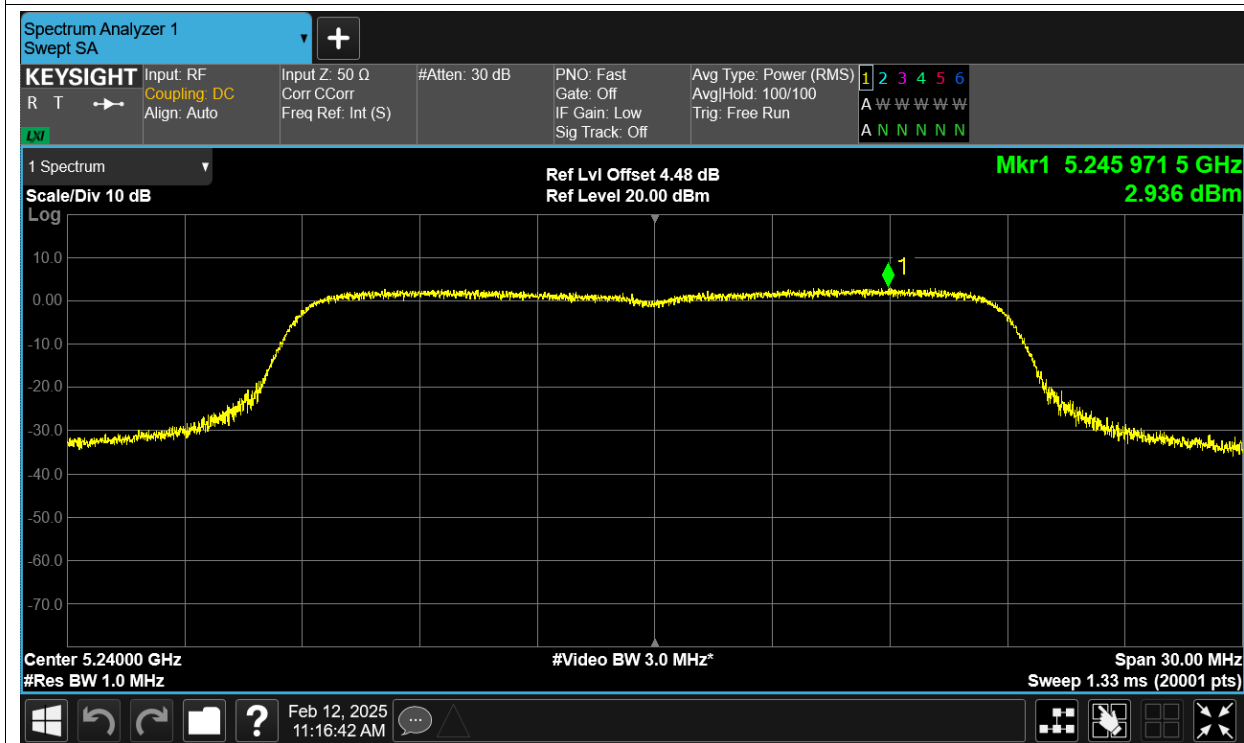
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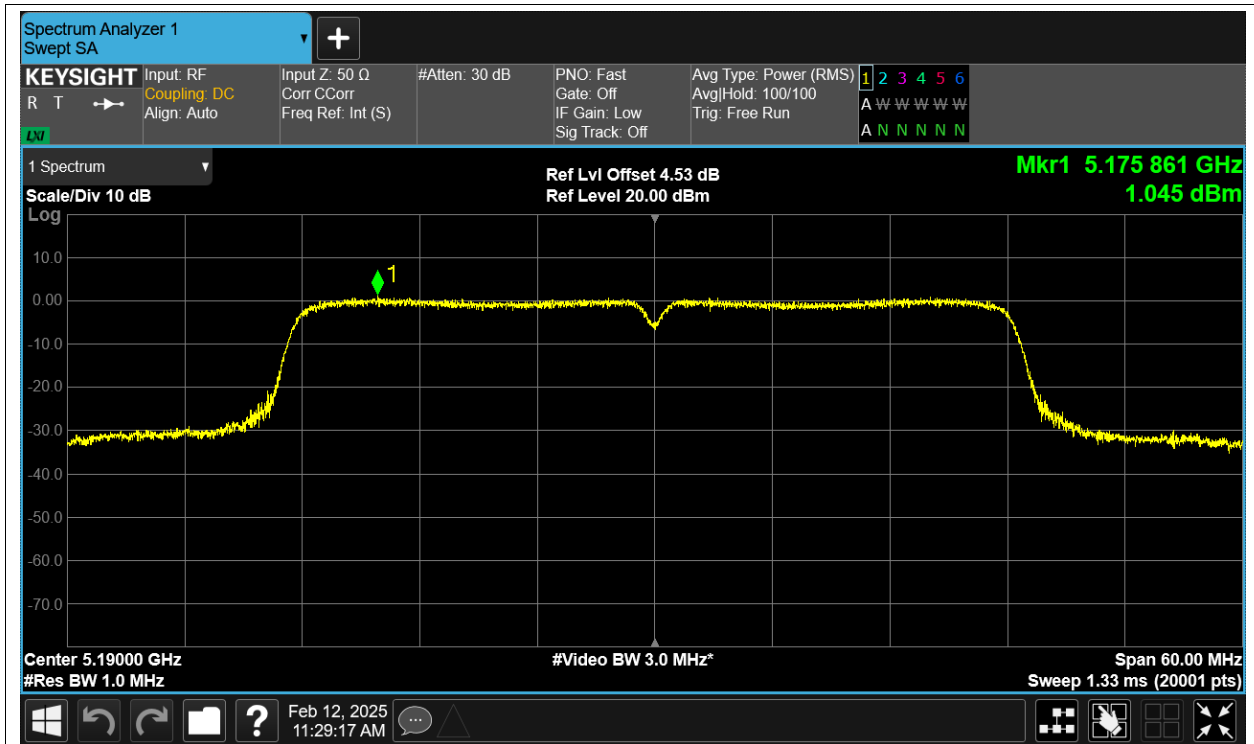
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

