

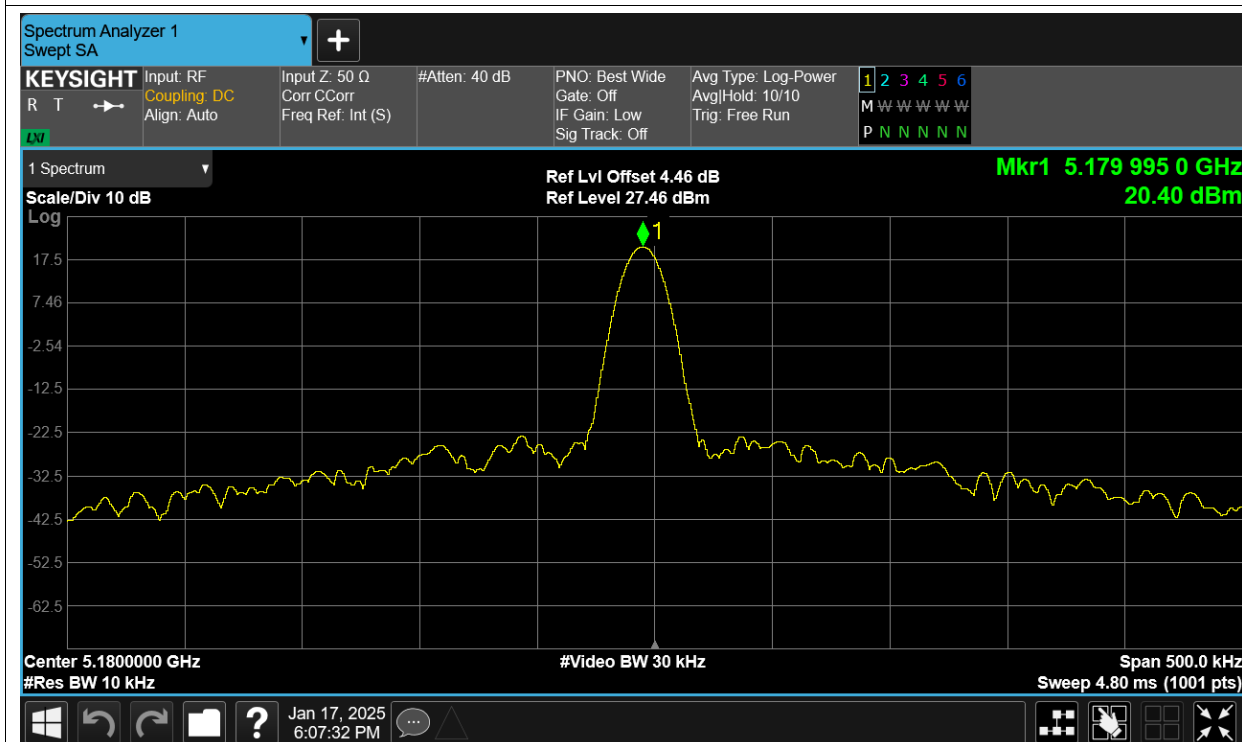
Test Data

Frequency Stability

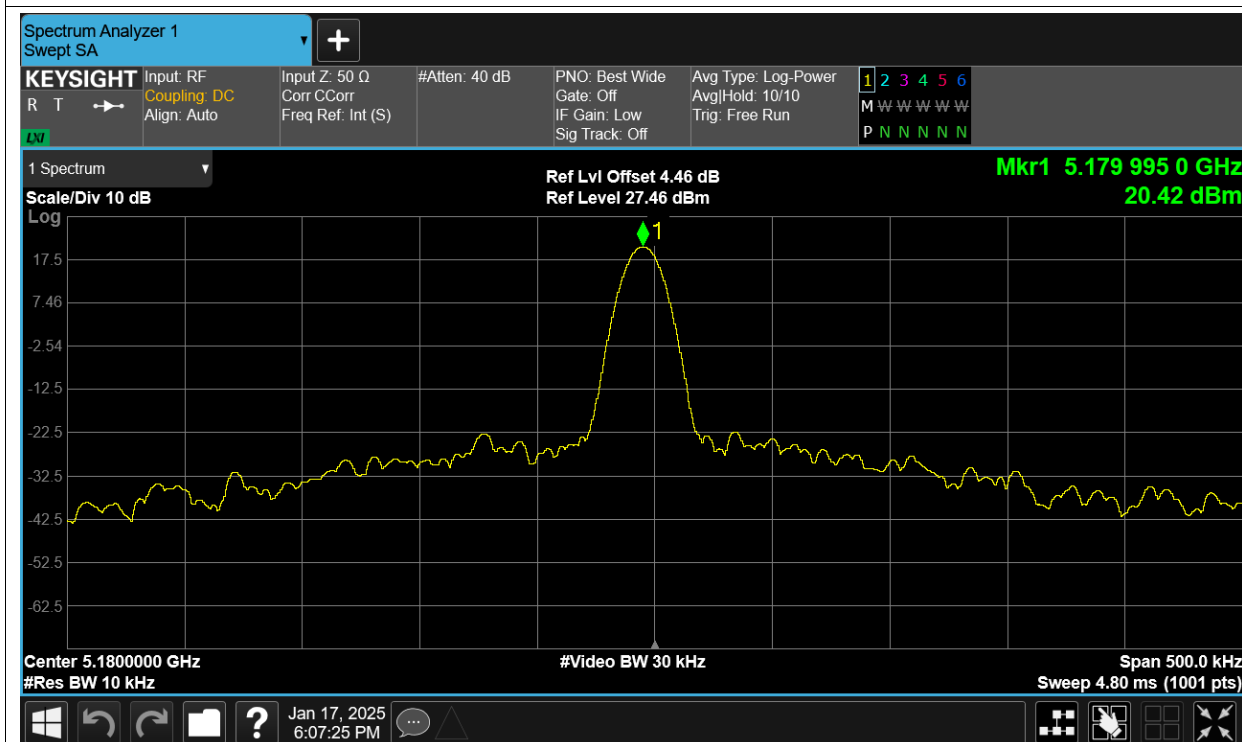
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant0	5179.995	-0.97	25	Pass
LVNT	a	5180	Ant0	5179.995	-0.97	25	Pass
NVHT	a	5180	Ant0	5179.9955	-0.87	25	Pass
NVLT	a	5180	Ant0	5179.996	-0.77	25	Pass
NVNT	a	5180	Ant0	5179.997	-0.58	25	Pass
HVNT	ac80	5210	Ant0	5209.993	-1.34	25	Pass
LVNT	ac80	5210	Ant0	5209.9935	-1.25	25	Pass
NVHT	ac80	5210	Ant0	5209.9935	-1.25	25	Pass
NVLT	ac80	5210	Ant0	5209.9945	-1.06	25	Pass
NVNT	ac80	5210	Ant0	5209.995264207	-0.91	25	Pass
HVNT	n40	5190	Ant0	5189.994	-1.16	25	Pass
LVNT	n40	5190	Ant0	5189.994	-1.16	25	Pass
NVHT	n40	5190	Ant0	5189.9945	-1.06	25	Pass
NVLT	n40	5190	Ant0	5189.995	-0.96	25	Pass
NVNT	n40	5190	Ant0	5189.9955	-0.87	25	Pass

Test Graphs

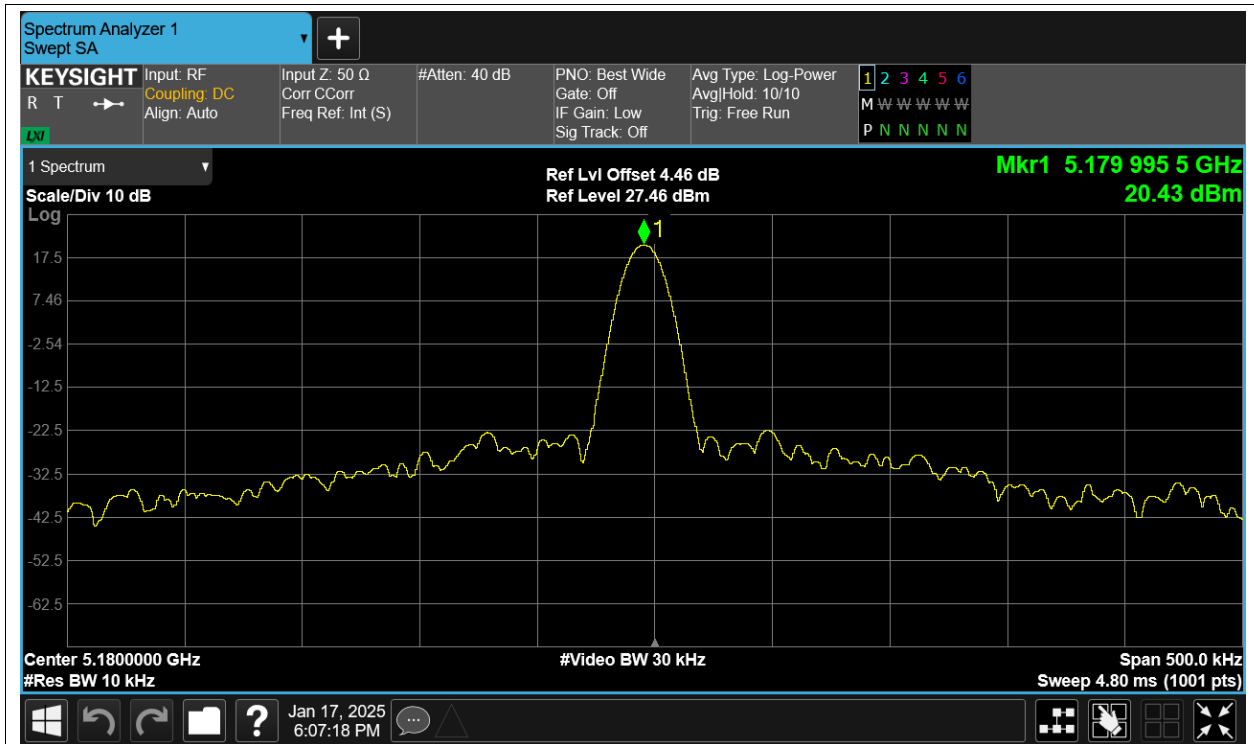
Freq. Stability HVNT a 5180MHz Ant0



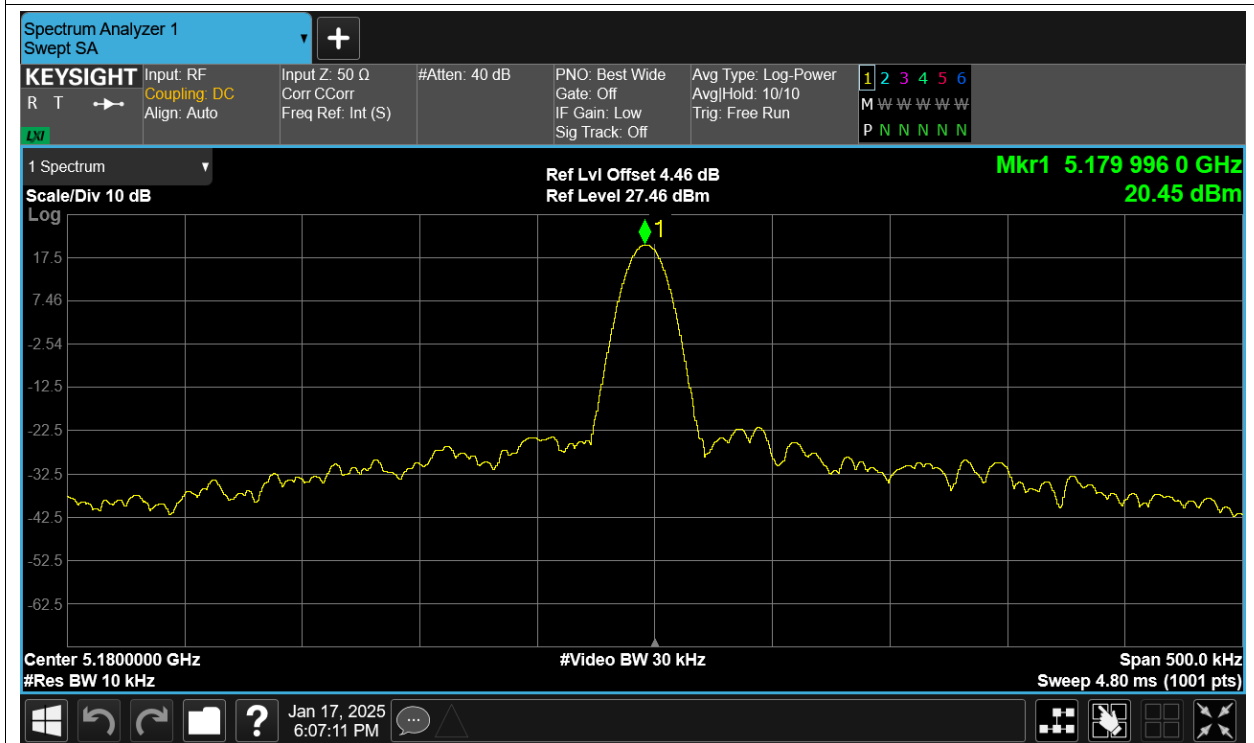
Freq. Stability LVNT a 5180MHz Ant0



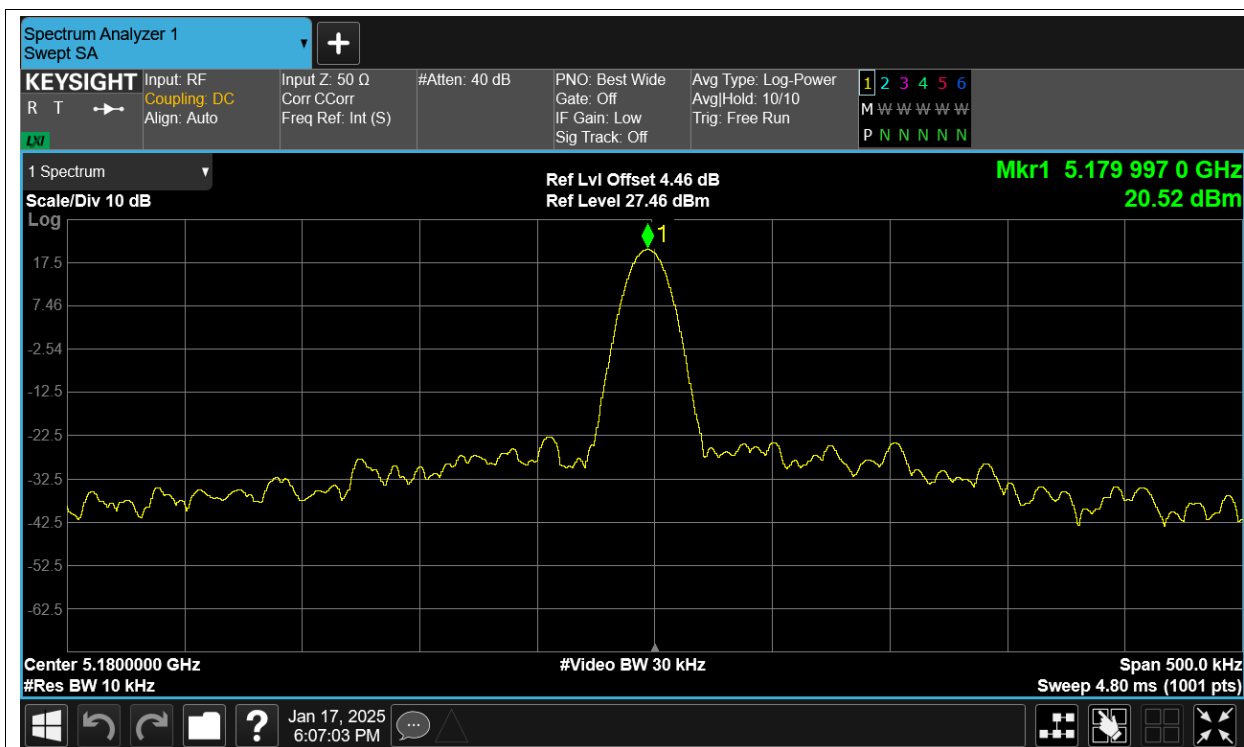
Freq. Stability NVHT a 5180MHz Ant0



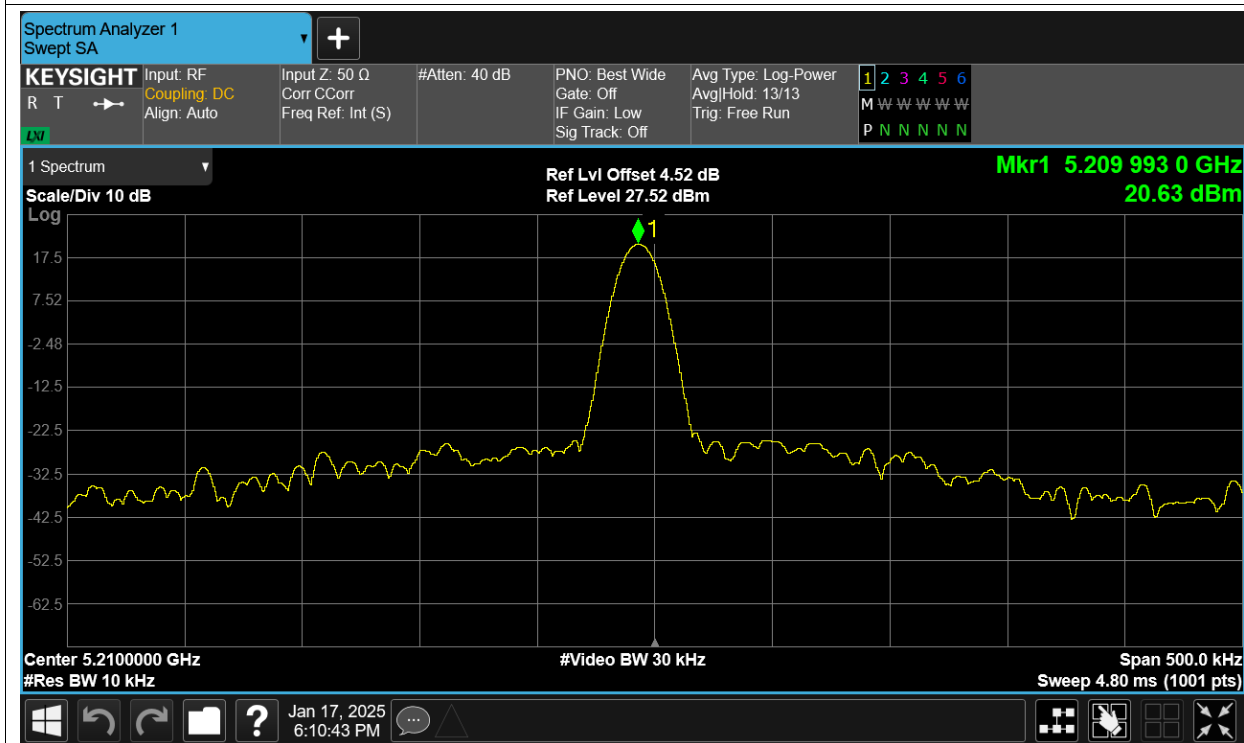
Freq. Stability NVLT a 5180MHz Ant0



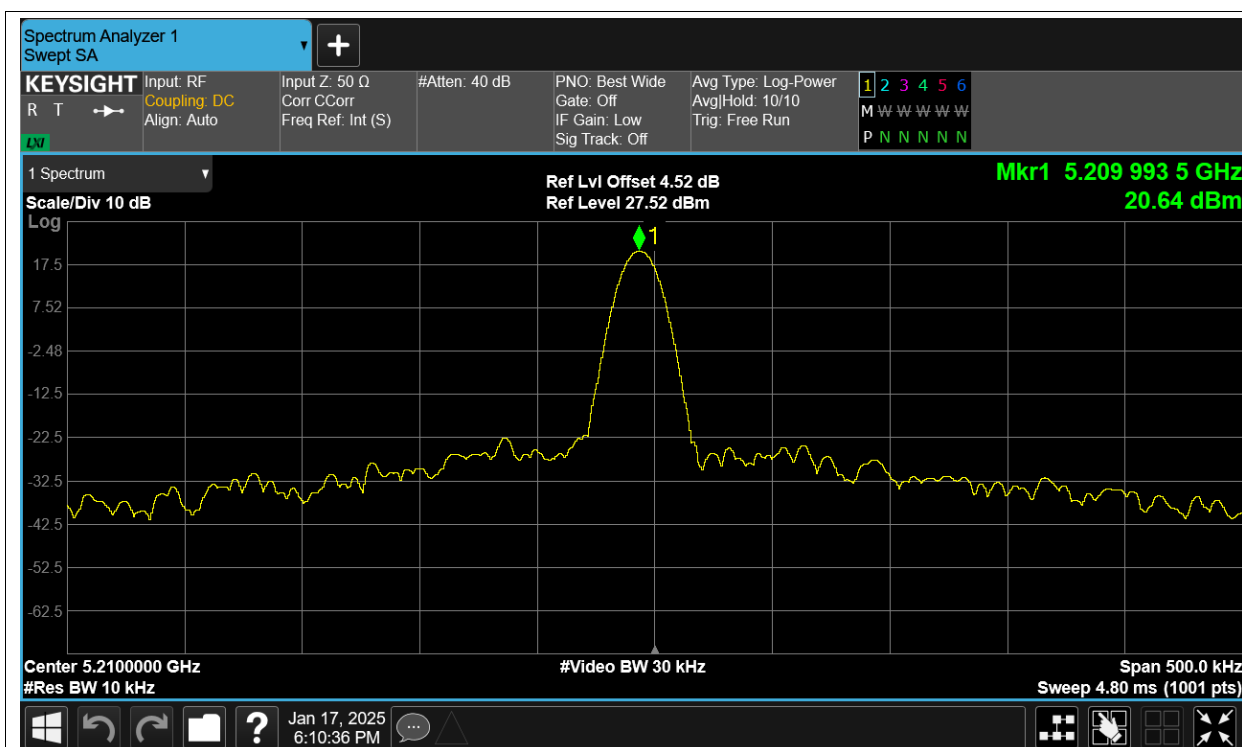
Freq. Stability NVNT a 5180MHz Ant0



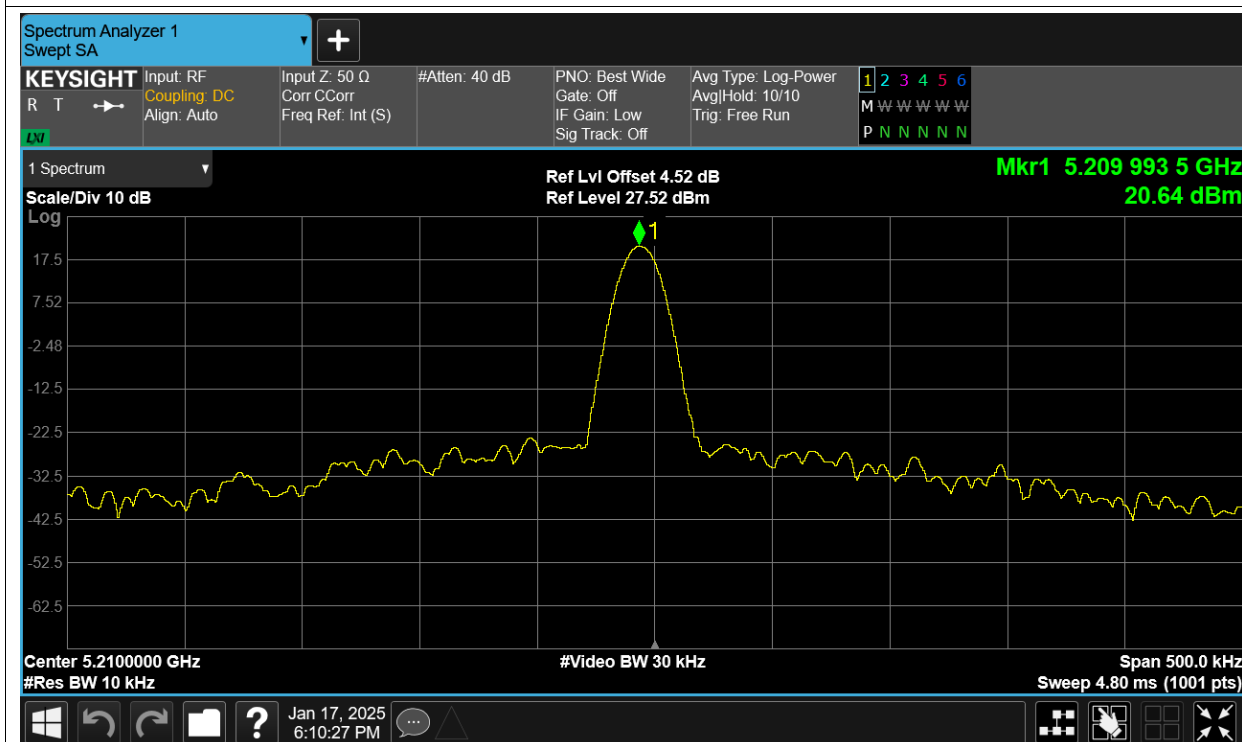
Freq. Stability HVNT ac80 5210MHz Ant0



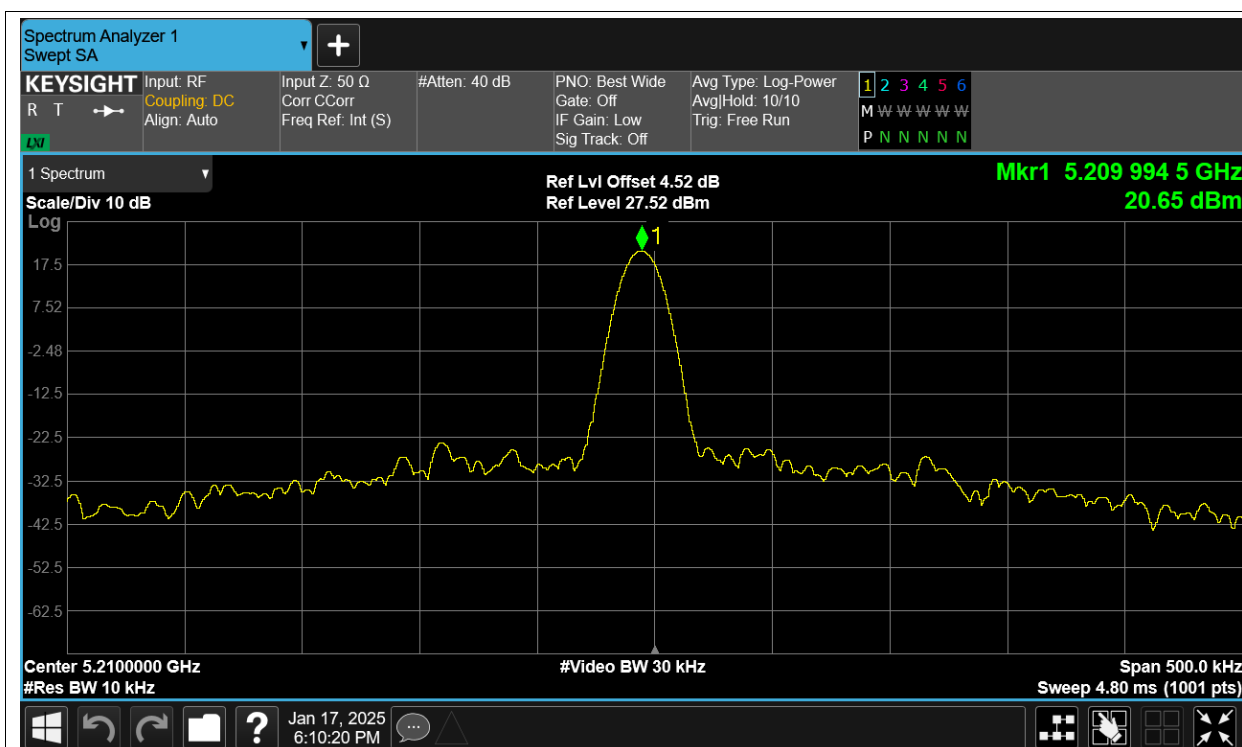
Freq. Stability LVNT ac80 5210MHz Ant0



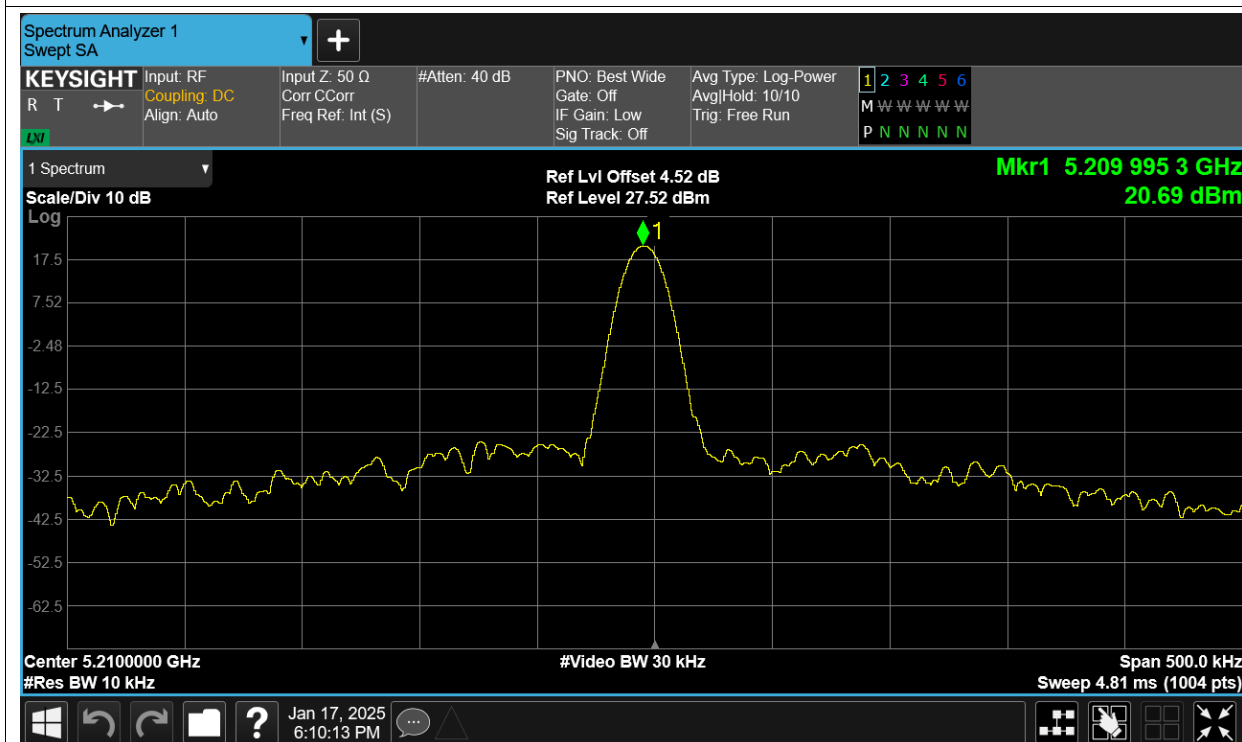
Freq. Stability NVHT ac80 5210MHz Ant0



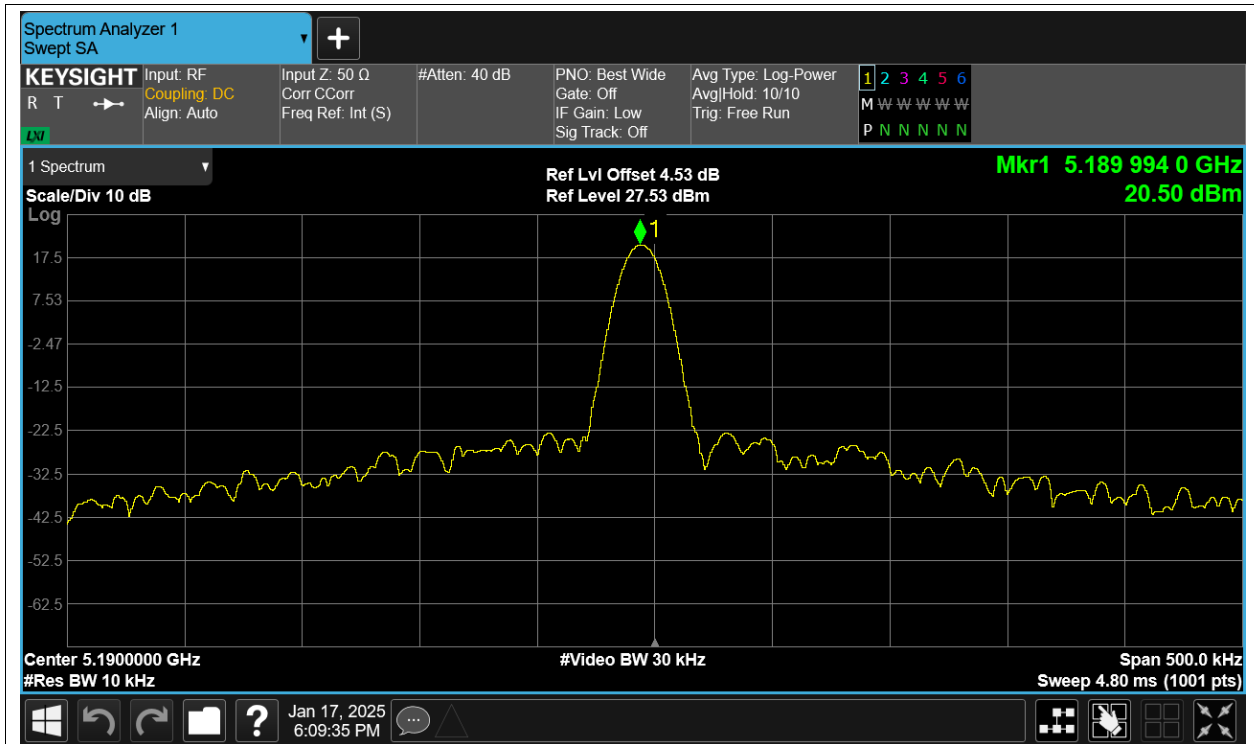
Freq. Stability NVLT ac80 5210MHz Ant0



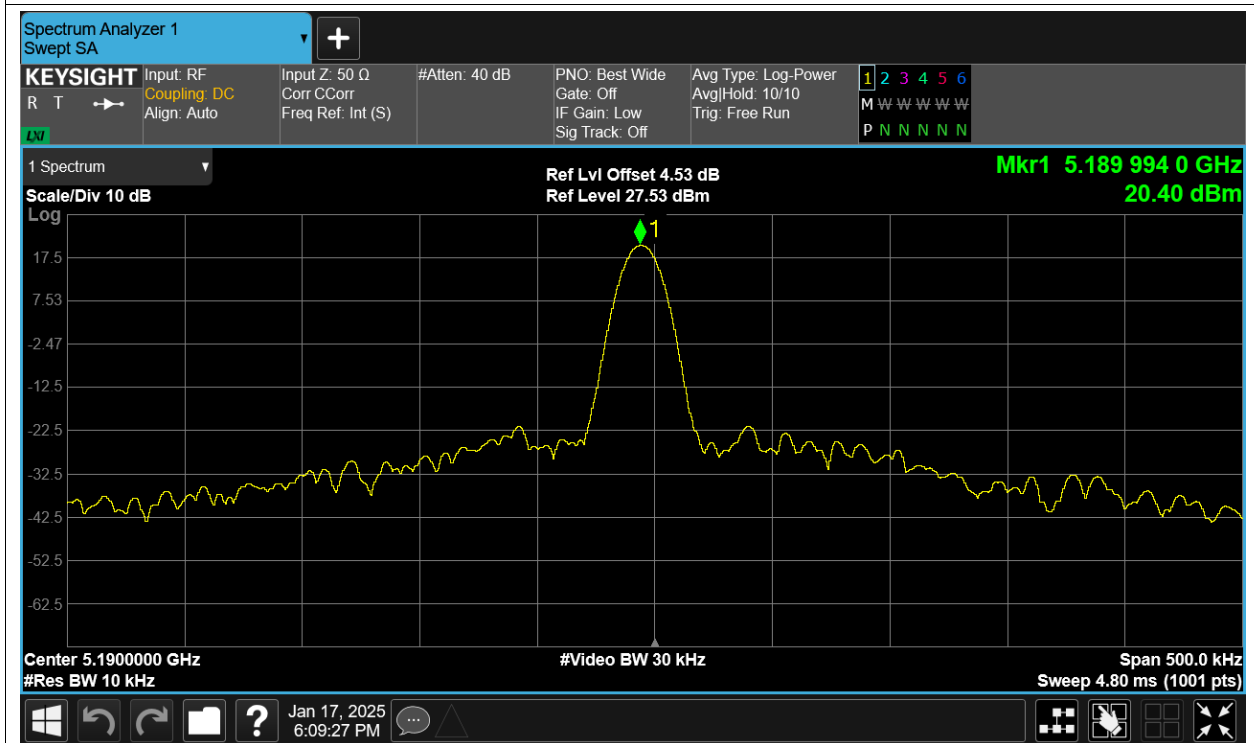
Freq. Stability NVNT ac80 5210MHz Ant0



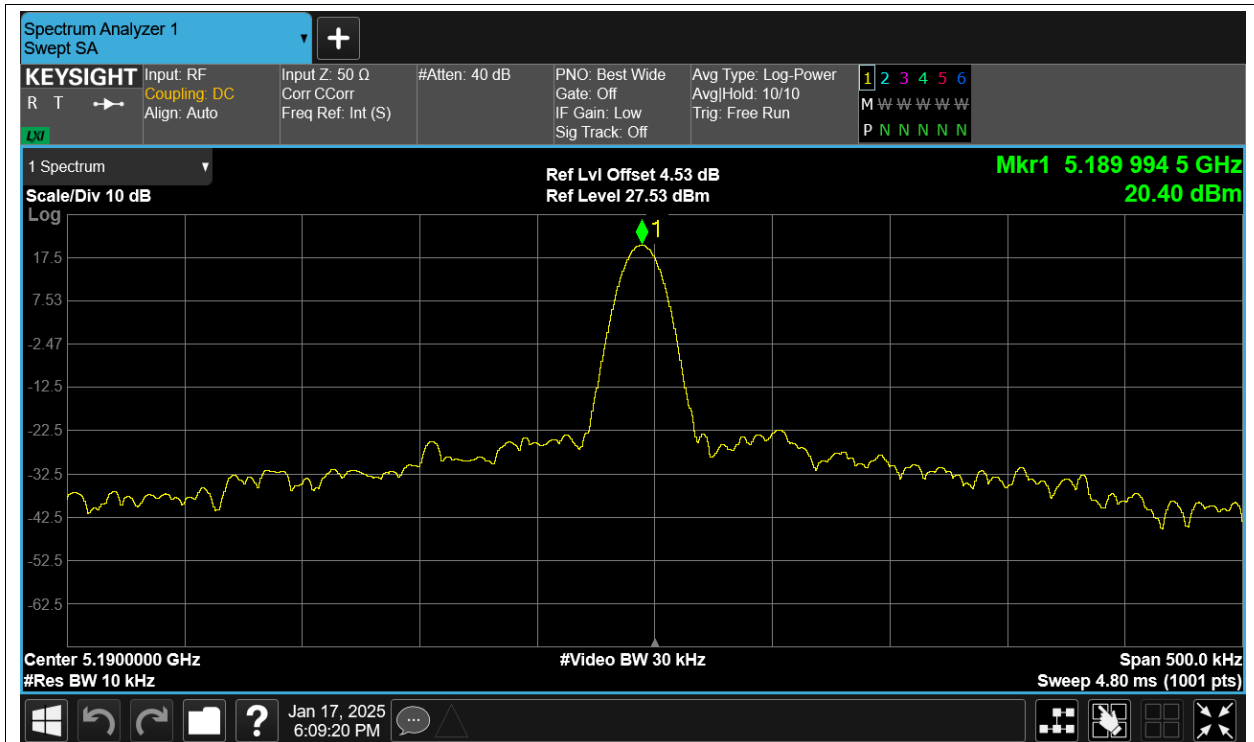
Freq. Stability HVNT n40 5190MHz Ant0



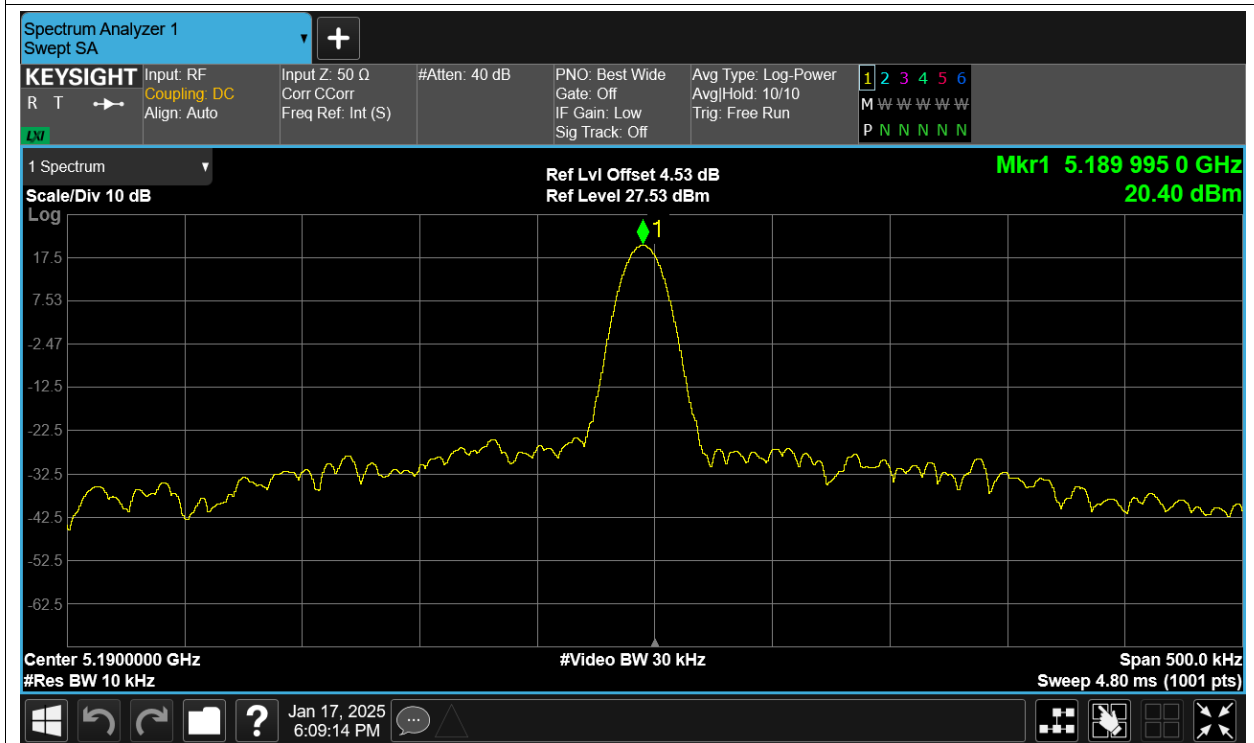
Freq. Stability LVNT n40 5190MHz Ant0



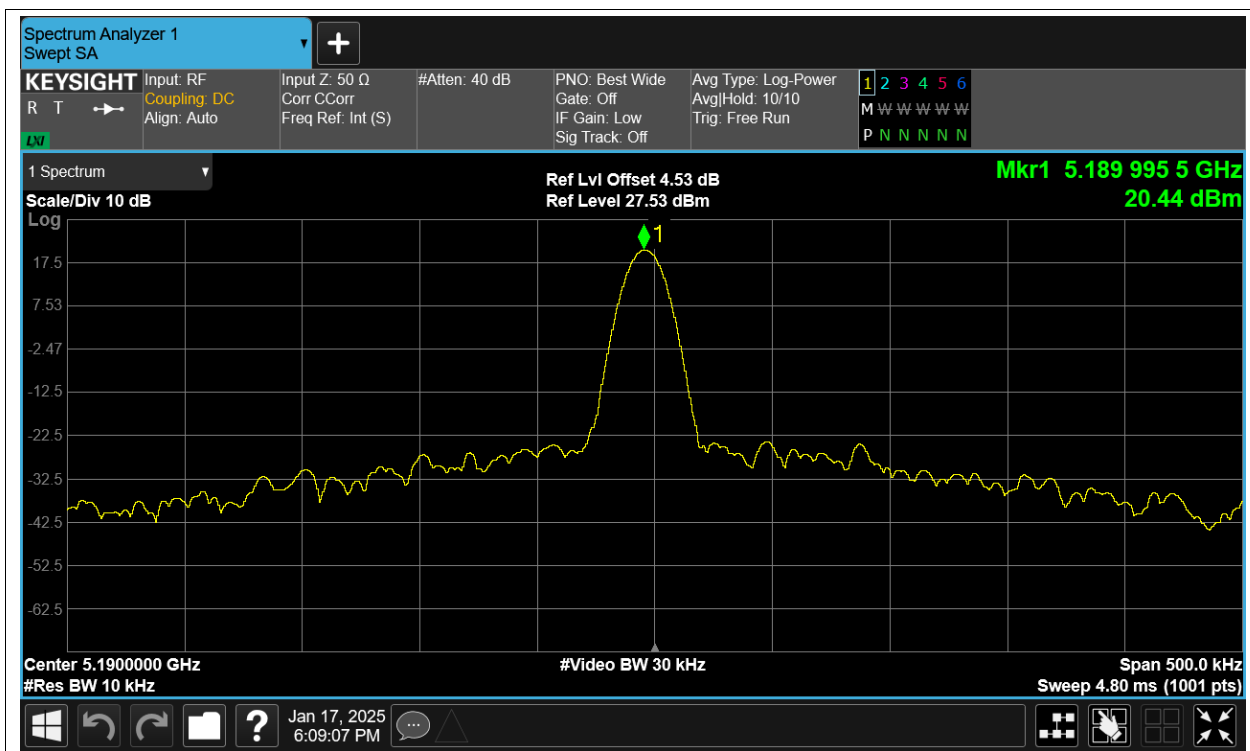
Freq. Stability NVHT n40 5190MHz Ant0



Freq. Stability NVLT n40 5190MHz Ant0



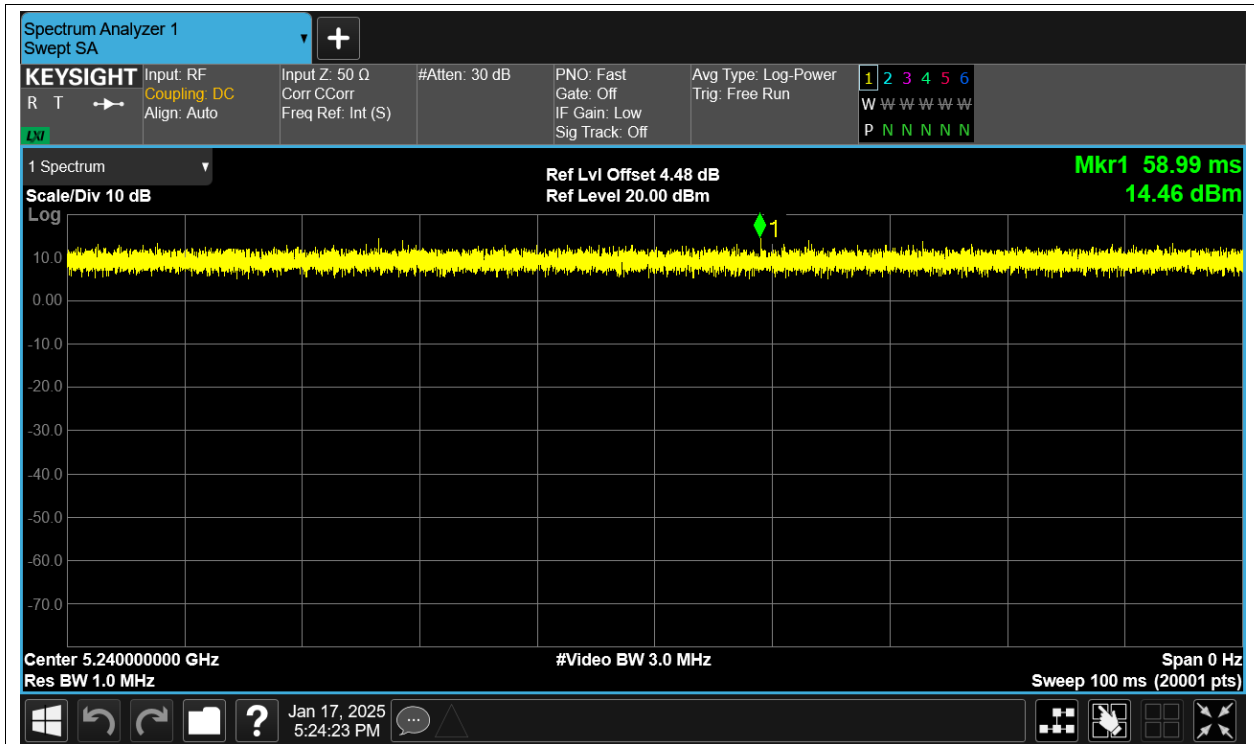
Freq. Stability NVNT n40 5190MHz Ant0



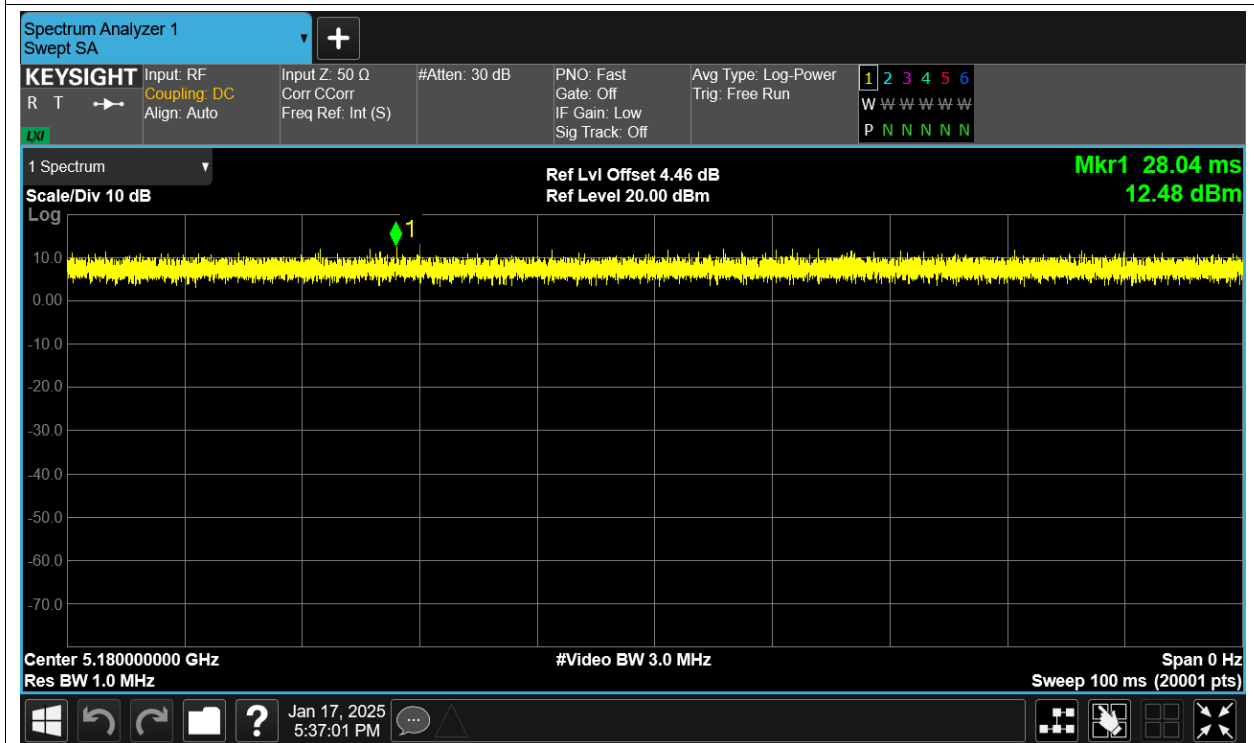
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant0	100	0
NVNT	a	5200	Ant0	100	0
NVNT	a	5240	Ant0	100	0
NVNT	ac20	5180	Ant0	100	0
NVNT	ac20	5200	Ant0	100	0
NVNT	ac20	5240	Ant0	100	0
NVNT	ac40	5190	Ant0	100	0
NVNT	ac40	5230	Ant0	100	0
NVNT	ac80	5210	Ant0	100	0
NVNT	ax20	5180	Ant0	100	0
NVNT	ax20	5200	Ant0	100	0
NVNT	ax20	5240	Ant0	100	0
NVNT	ax40	5190	Ant0	100	0
NVNT	ax40	5230	Ant0	100	0
NVNT	ax80	5210	Ant0	100	0
NVNT	n20	5180	Ant0	100	0
NVNT	n20	5200	Ant0	100	0
NVNT	n20	5240	Ant0	100	0
NVNT	n40	5190	Ant0	100	0
NVNT	n40	5230	Ant0	100	0

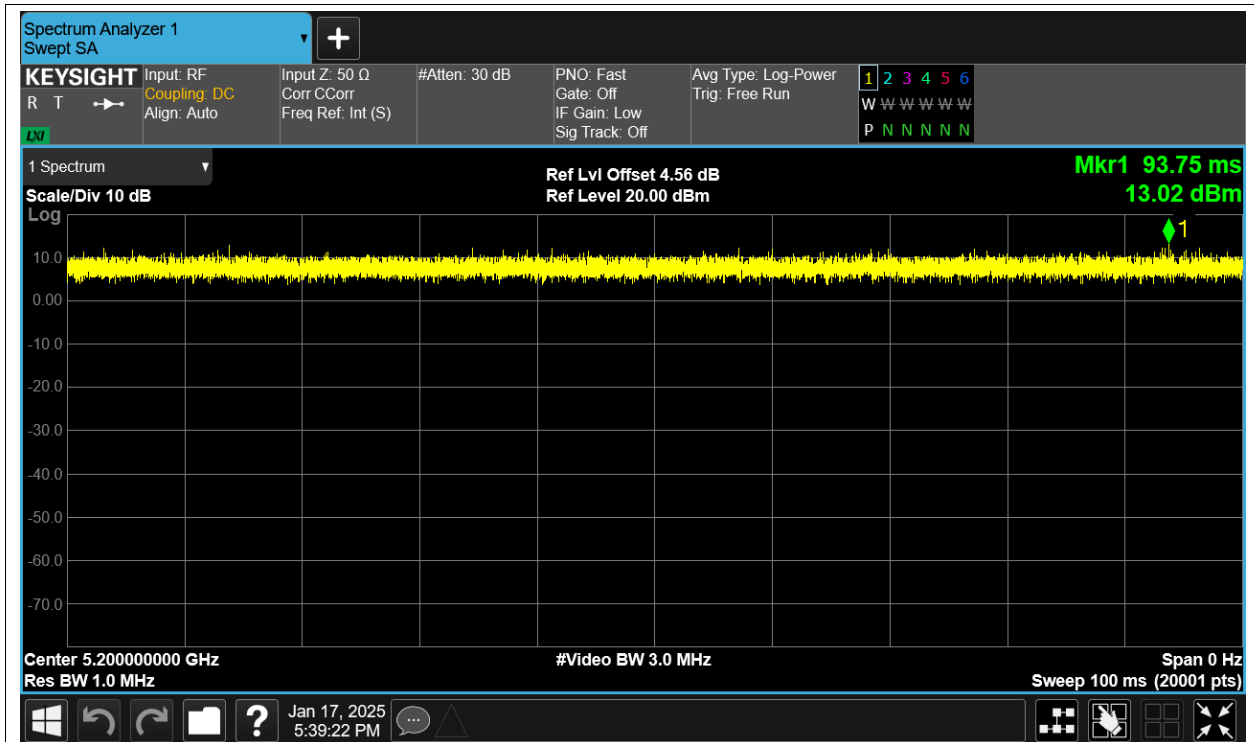




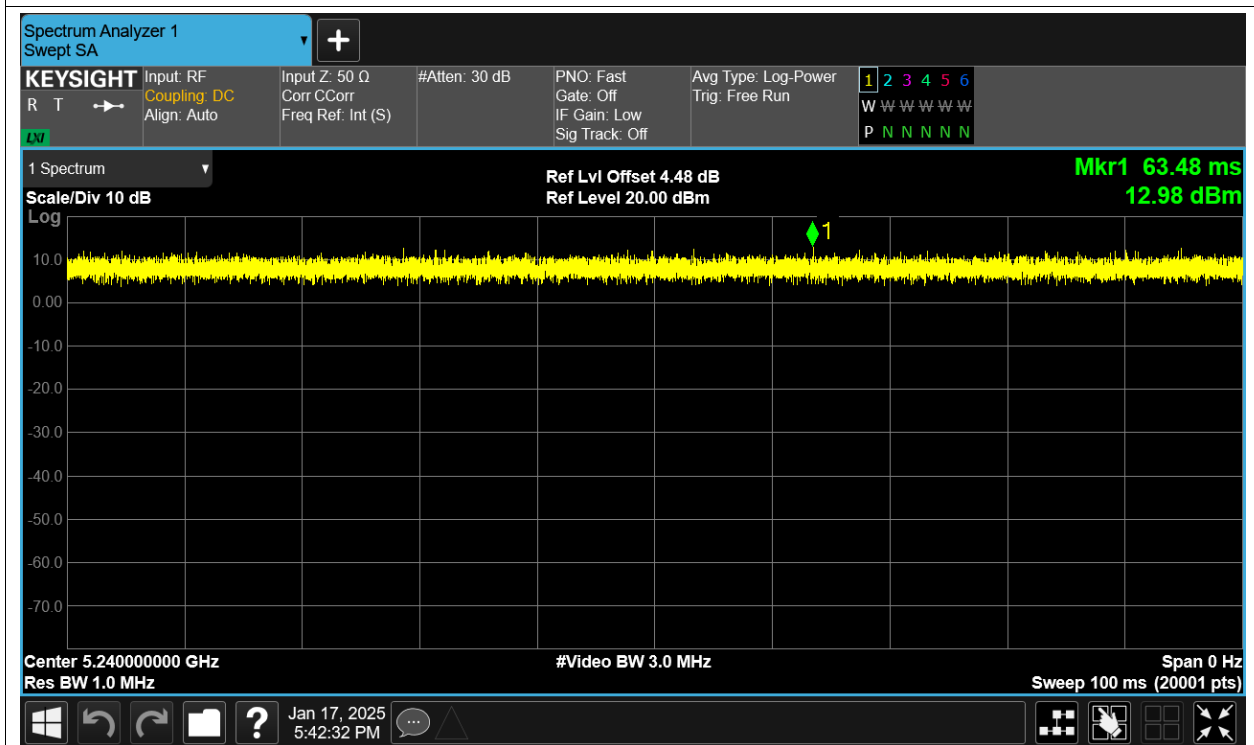
Duty Cycle NVNT ac20 5180MHz Ant0



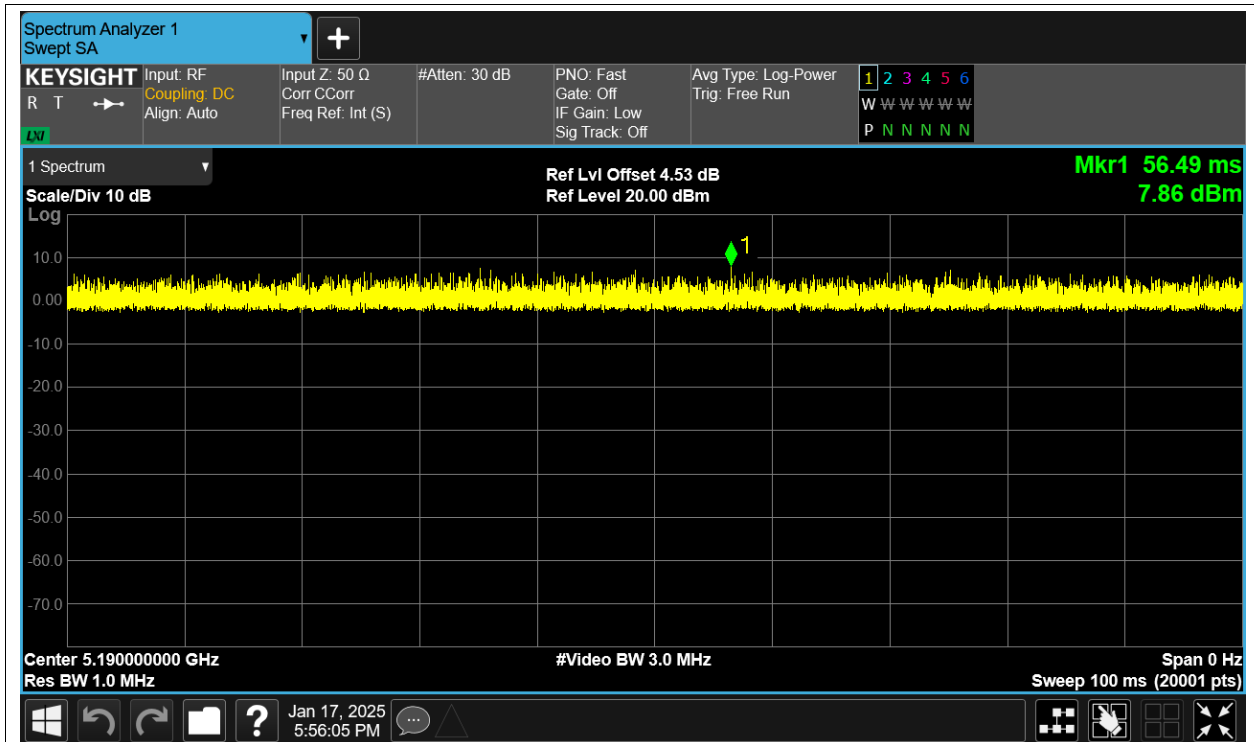
Duty Cycle NVNT ac20 5200MHz Ant0



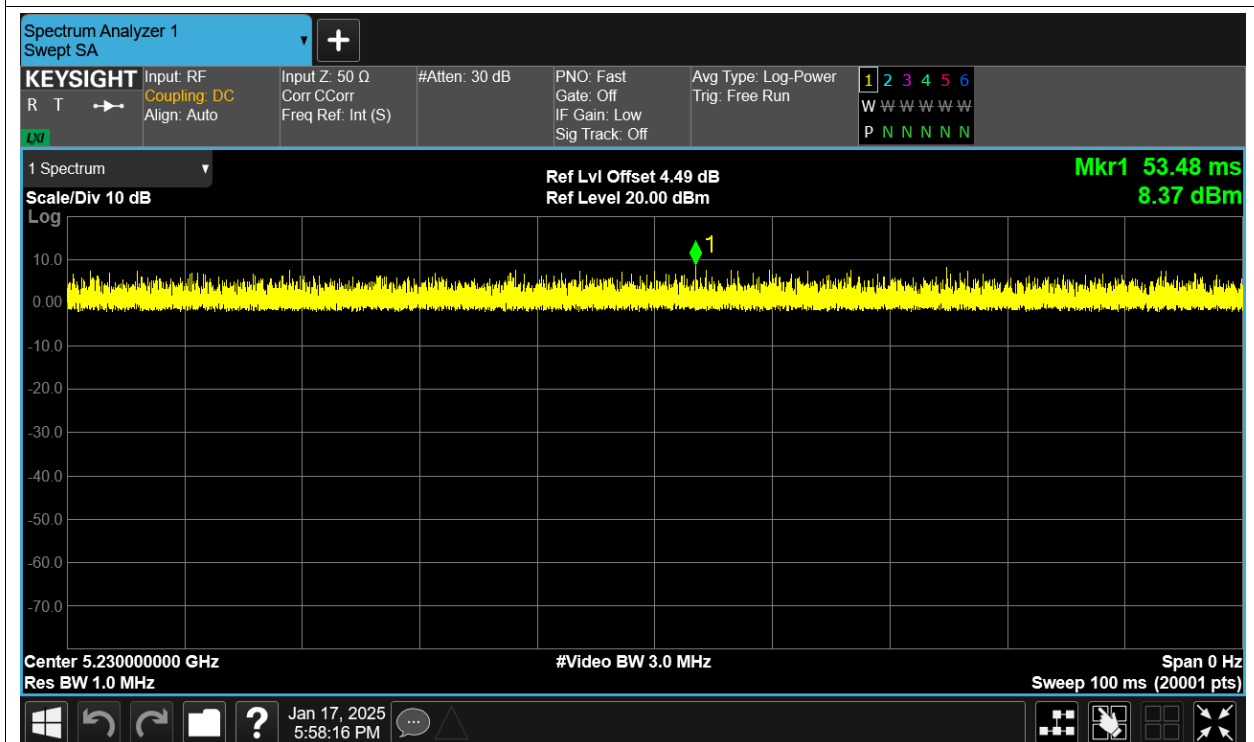
Duty Cycle NVNT ac20 5240MHz Ant0



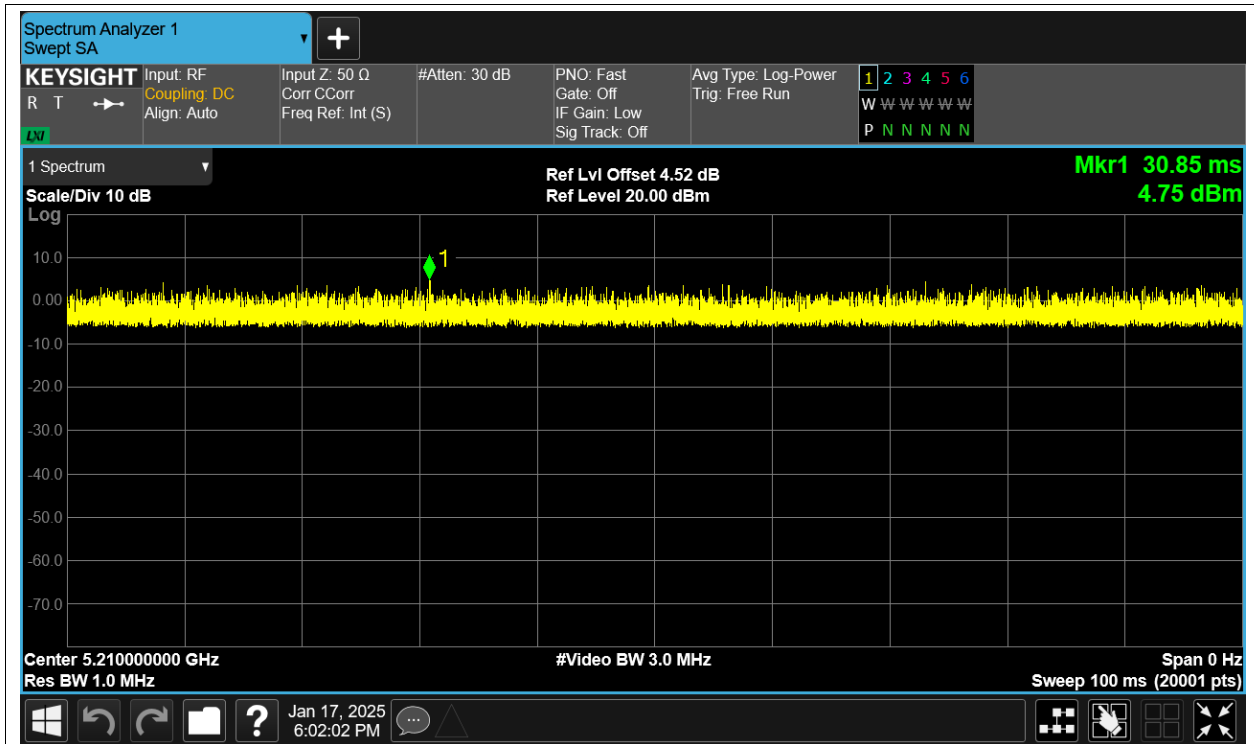
Duty Cycle NVNT ac40 5190MHz Ant0



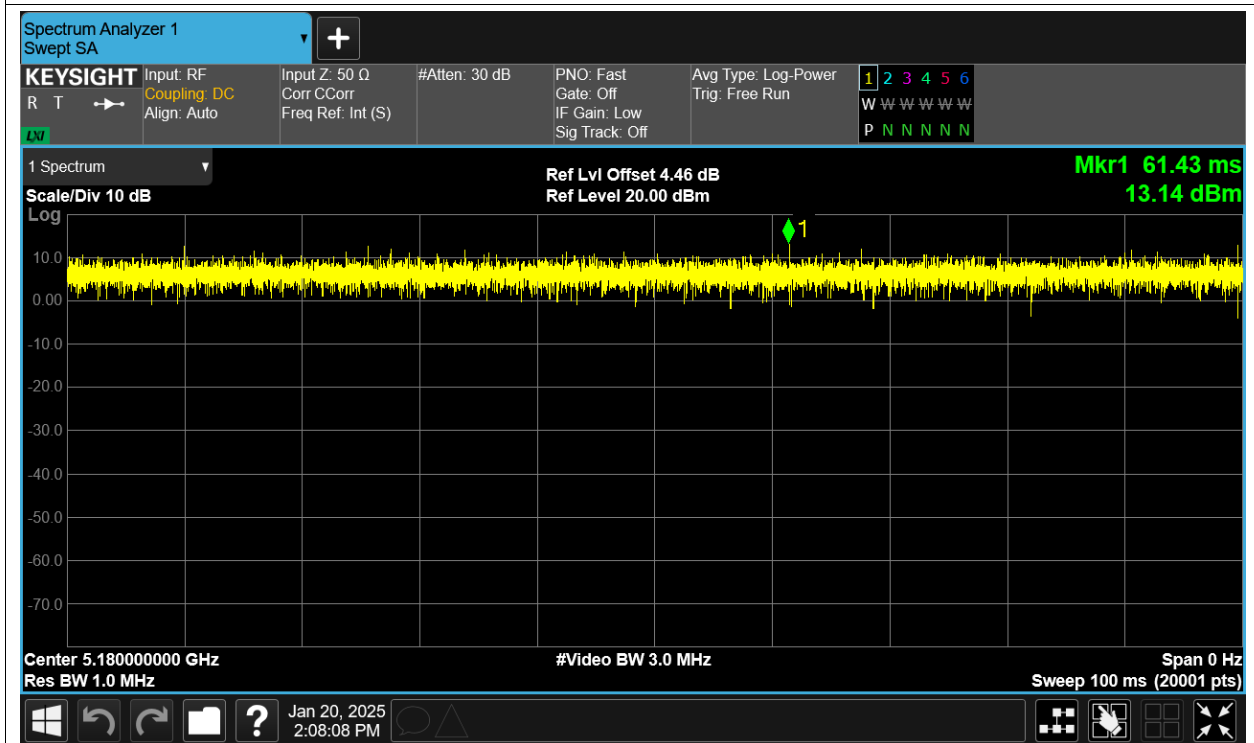
Duty Cycle NVNT ac40 5230MHz Ant0



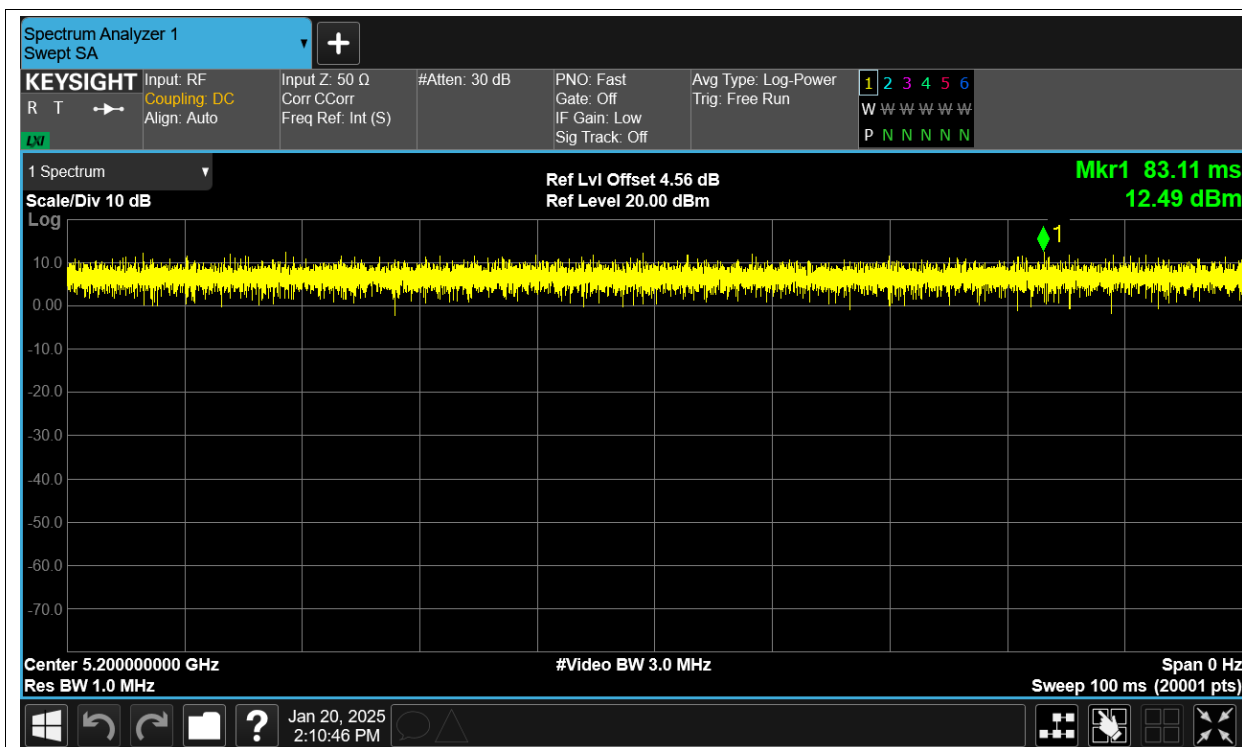
Duty Cycle NVNT ac80 5210MHz Ant0



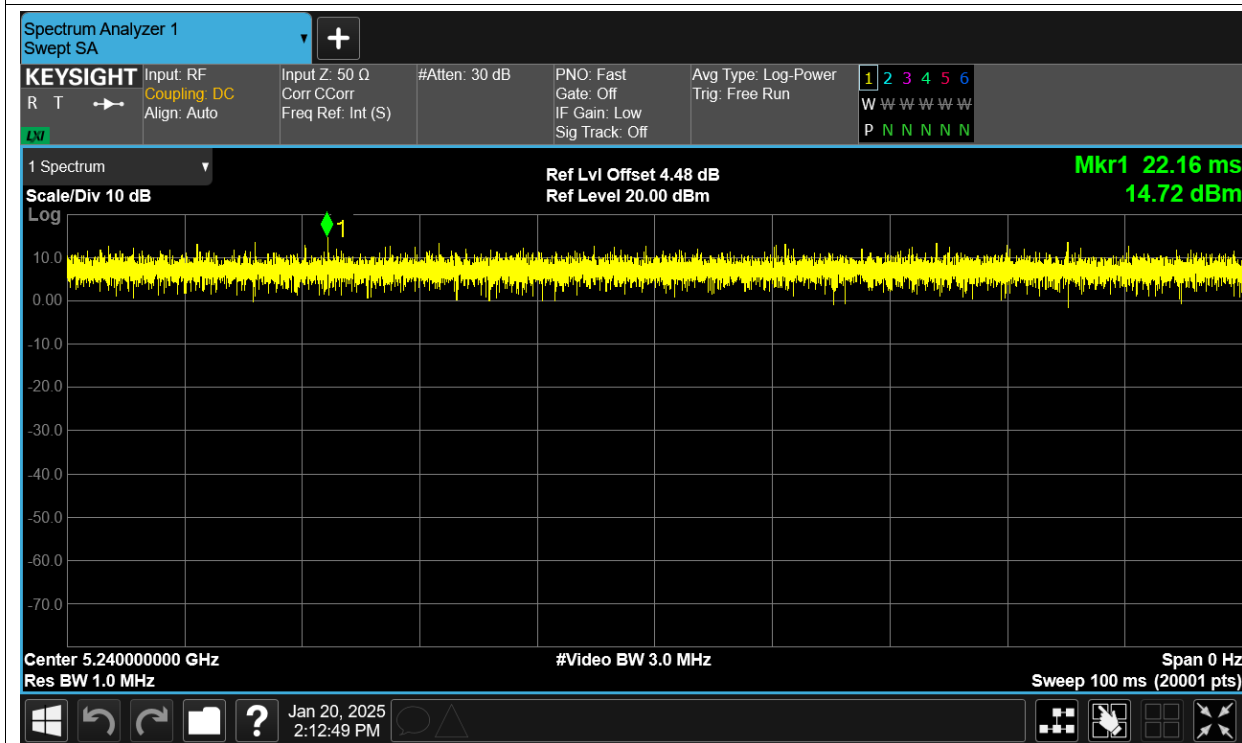
Duty Cycle NVNT ax20 5180MHz Ant0



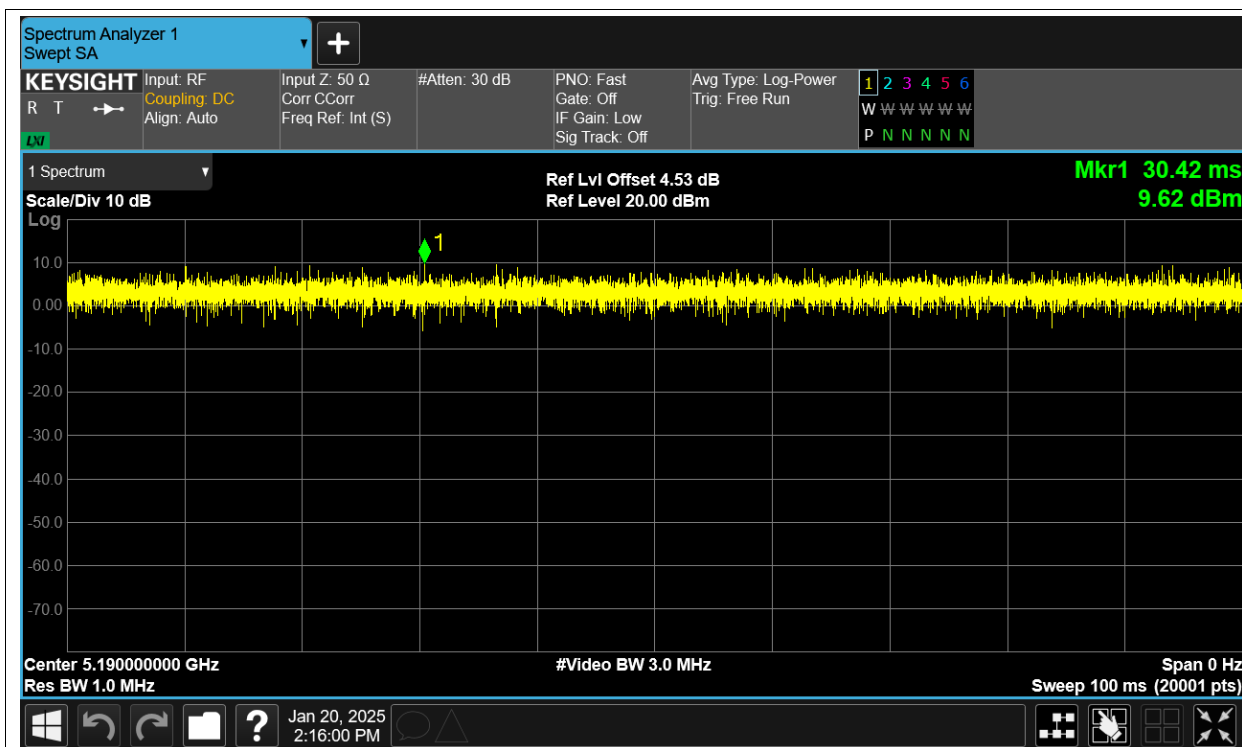
Duty Cycle NVNT ax20 5200MHz Ant0



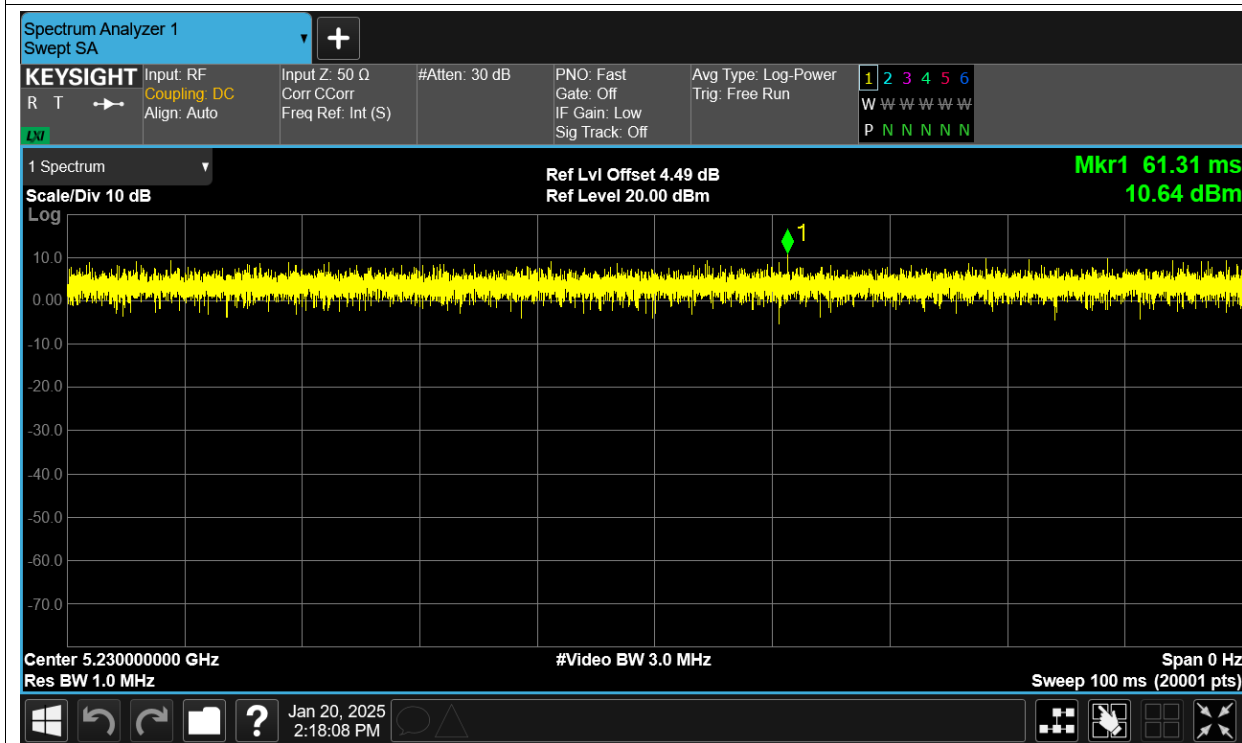
Duty Cycle NVNT ax20 5240MHz Ant0



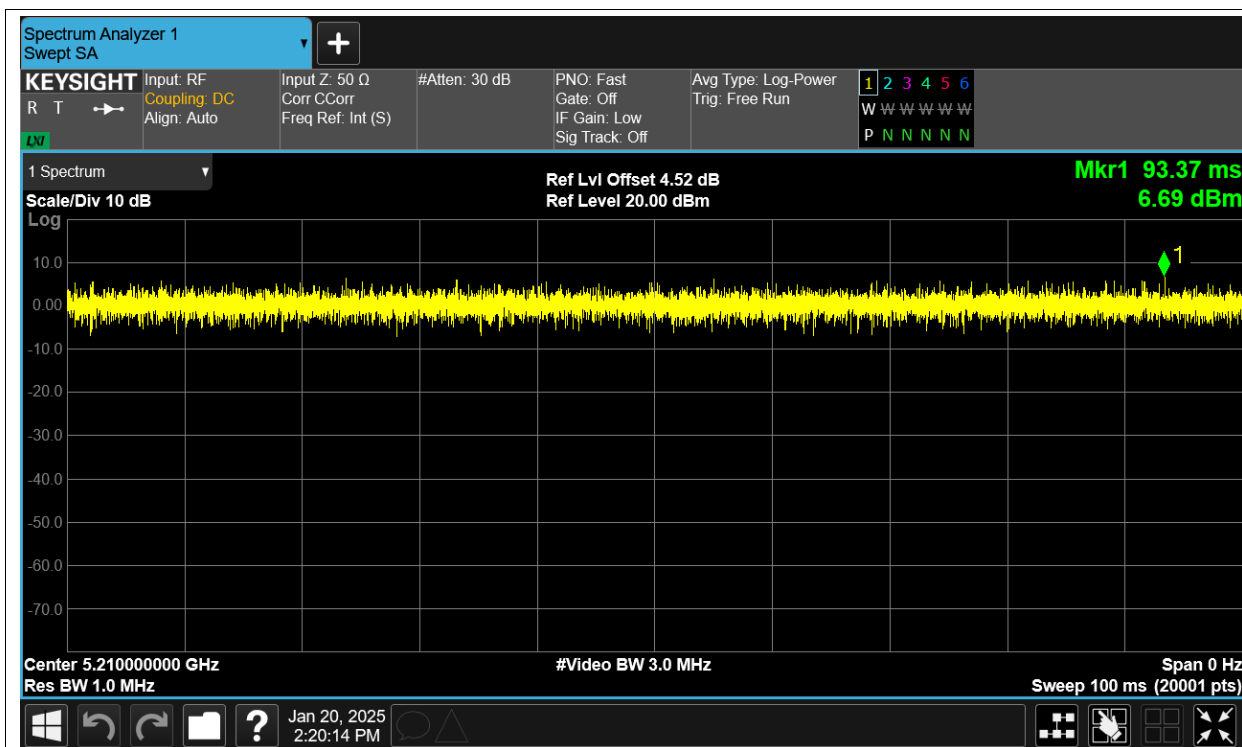
Duty Cycle NVNT ax40 5190MHz Ant0



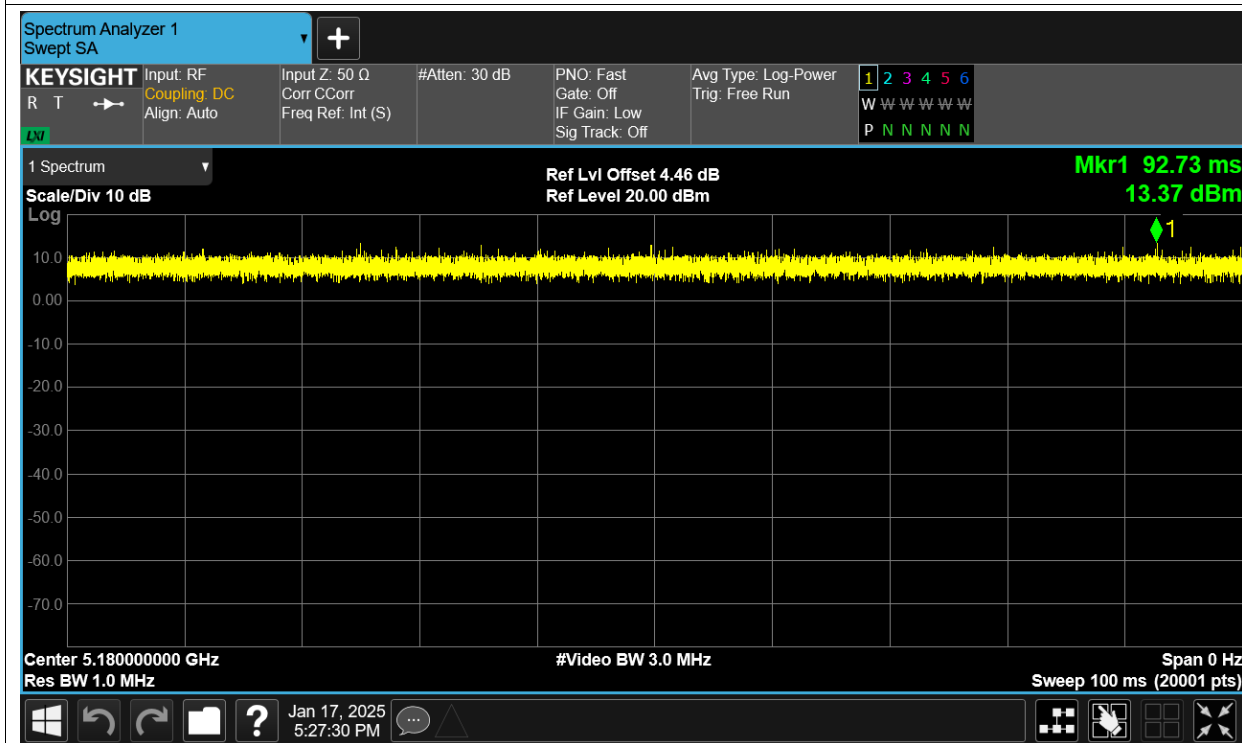
Duty Cycle NVNT ax40 5230MHz Ant0



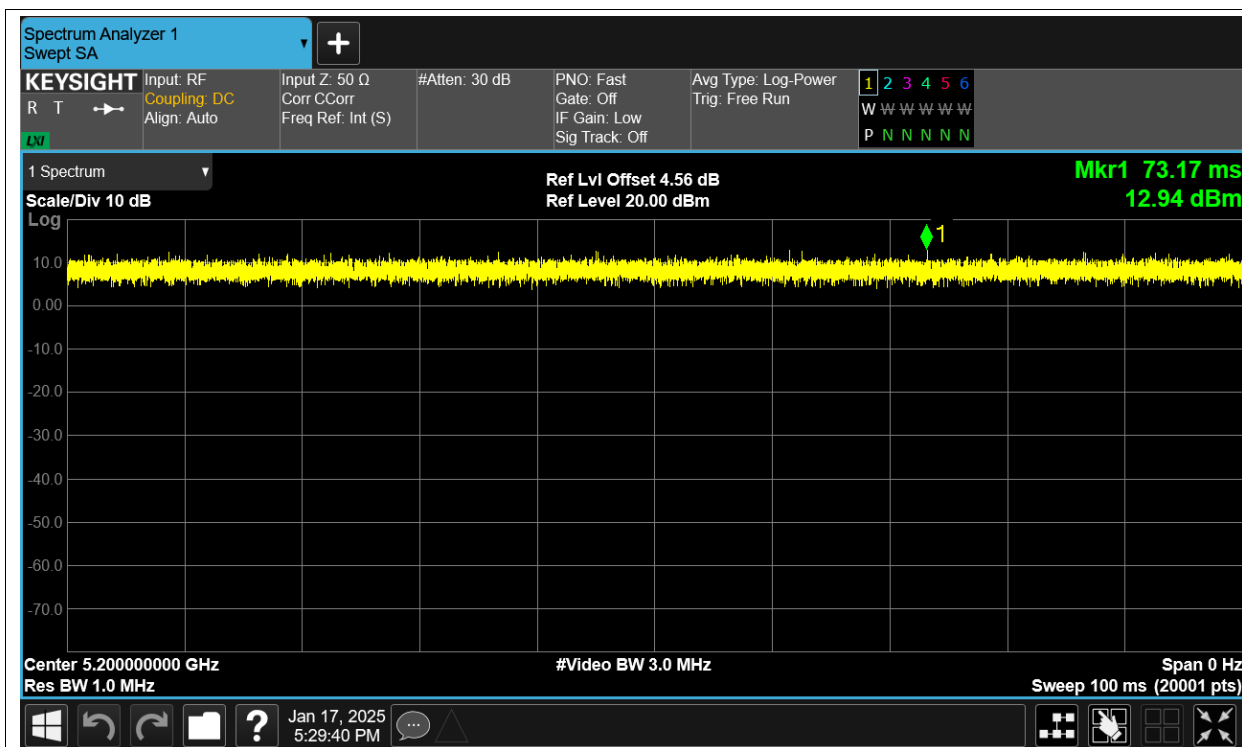
Duty Cycle NVNT ax80 5210MHz Ant0



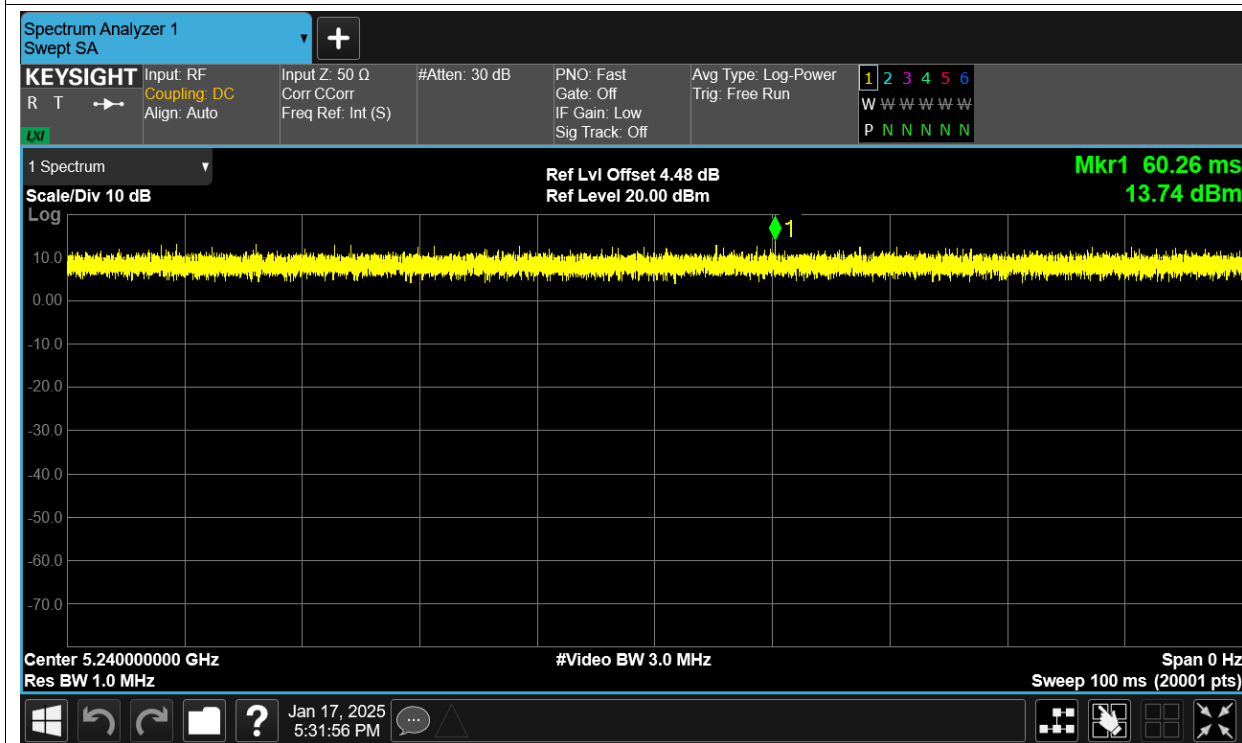
Duty Cycle NVNT n20 5180MHz Ant0



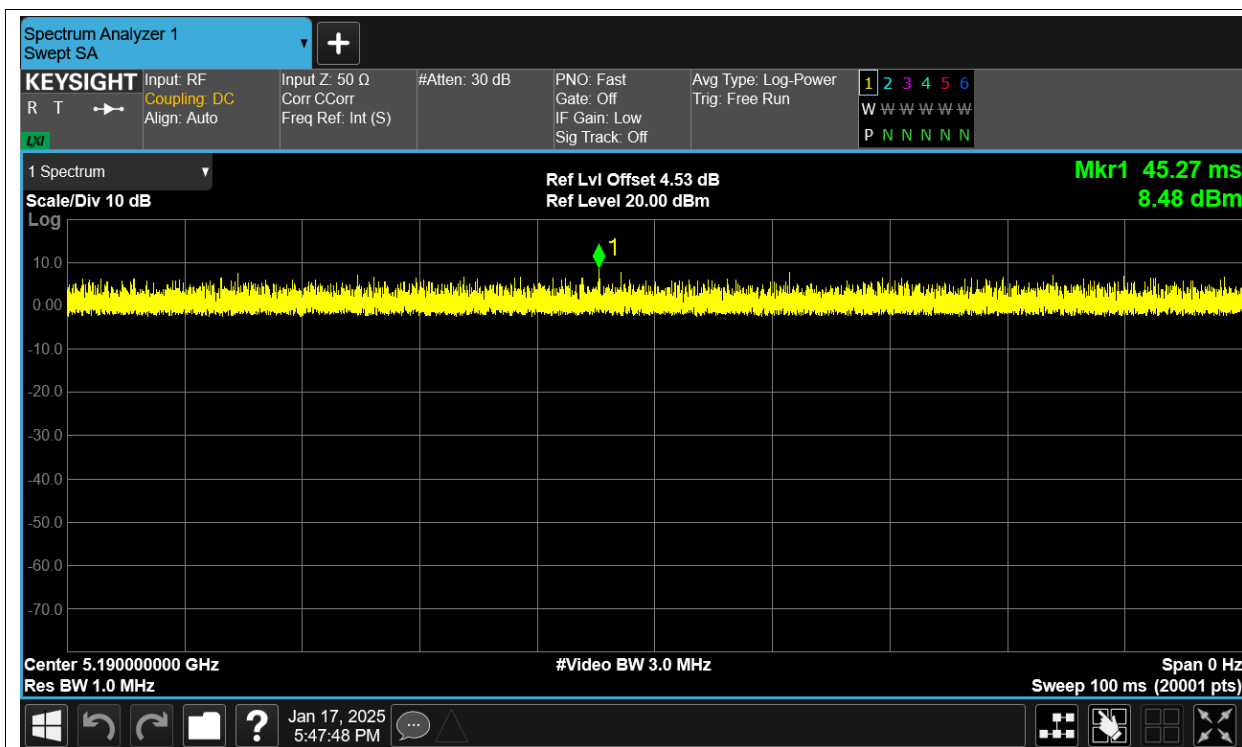
Duty Cycle NVNT n20 5200MHz Ant0



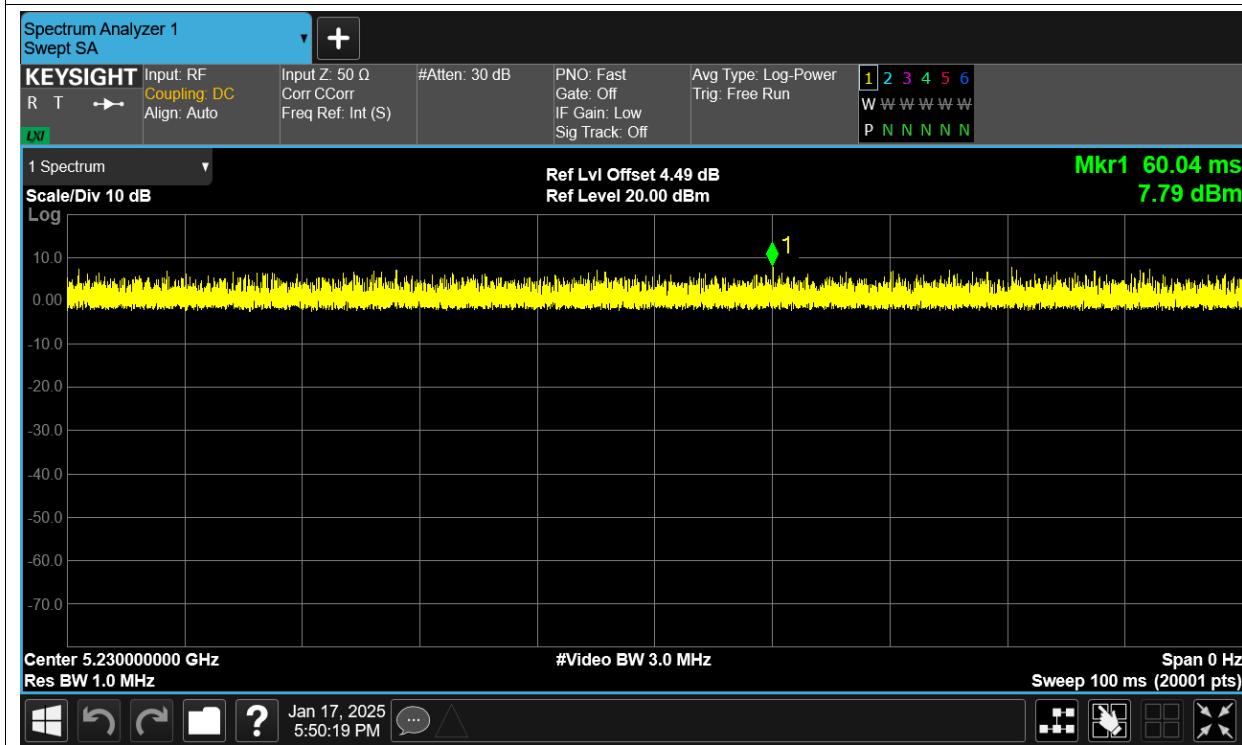
Duty Cycle NVNT n20 5240MHz Ant0



Duty Cycle NVNT n40 5190MHz Ant0



Duty Cycle NVNT n40 5230MHz Ant0

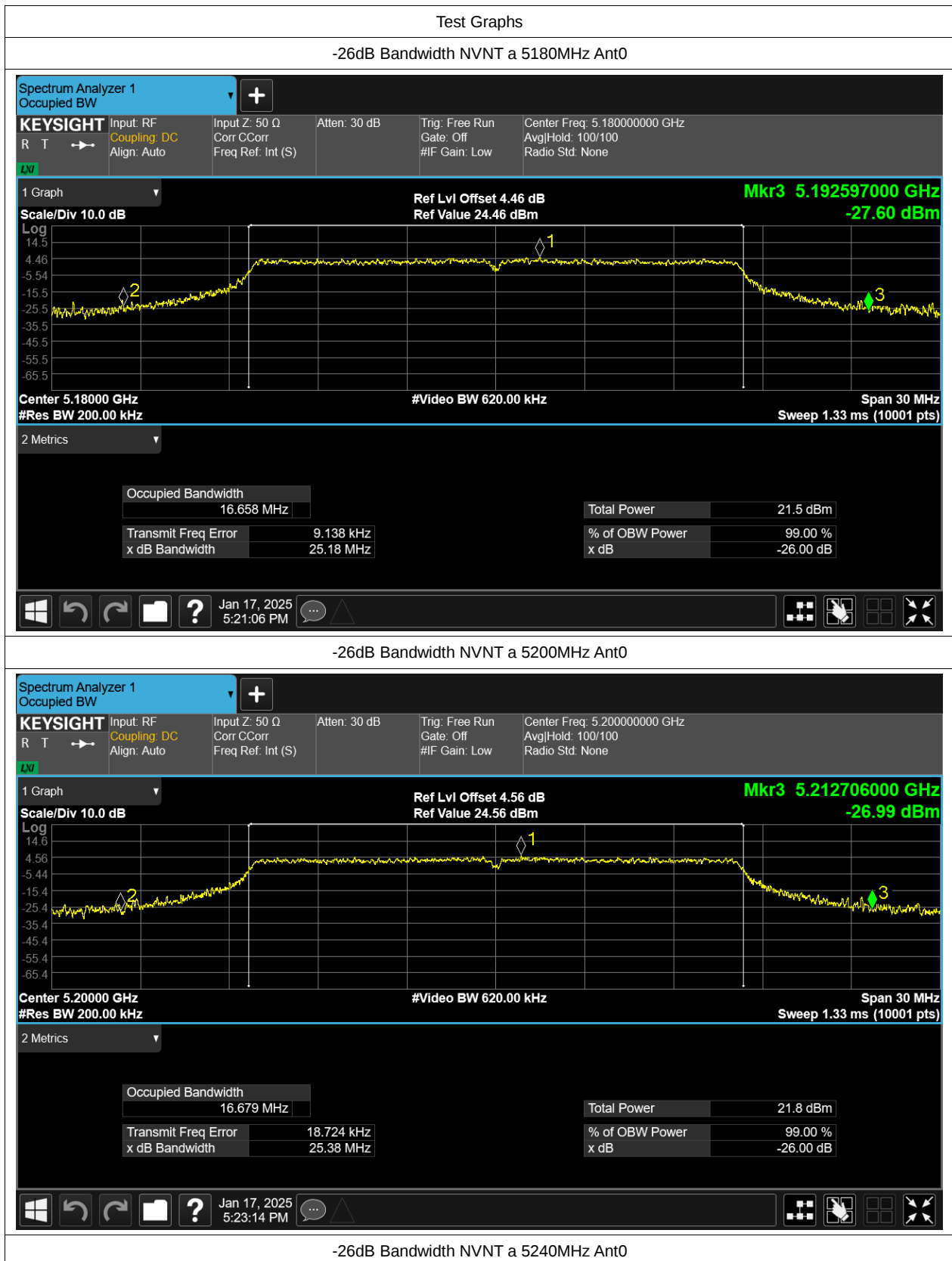


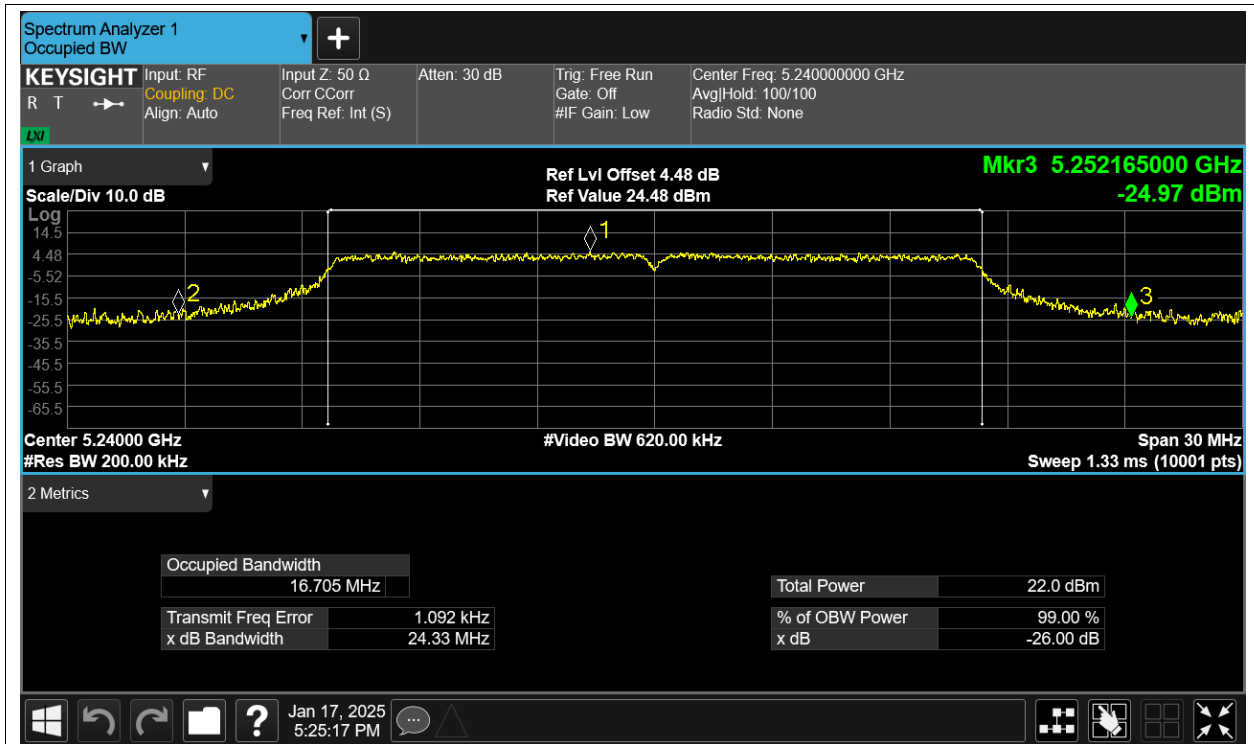
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	15.76	0	15.76	24	Pass
NVNT	a	5200	Ant0	16.28	0	16.28	24	Pass
NVNT	a	5240	Ant0	16.28	0	16.28	24	Pass
NVNT	ac20	5180	Ant0	14.85	0	14.85	24	Pass
NVNT	ac20	5200	Ant0	15.31	0	15.31	24	Pass
NVNT	ac20	5240	Ant0	15.48	0	15.48	24	Pass
NVNT	ac40	5190	Ant0	14.7	0	14.7	23	Pass
NVNT	ac40	5230	Ant0	14.93	0	14.93	24	Pass
NVNT	ac80	5210	Ant0	14.32	0	14.32	24	Pass
NVNT	ax20	5180	Ant0	14.06	0	14.06	24	Pass
NVNT	ax20	5200	Ant0	14.63	0	14.63	24	Pass
NVNT	ax20	5240	Ant0	14.78	0	14.78	24	Pass
NVNT	ax40	5190	Ant0	14.02	0	14.02	24	Pass
NVNT	ax40	5230	Ant0	14.22	0	14.22	24	Pass
NVNT	ax80	5210	Ant0	14.12	0	14.12	24	Pass
NVNT	n20	5180	Ant0	15.24	0	15.24	24	Pass
NVNT	n20	5200	Ant0	15.82	0	15.82	24	Pass
NVNT	n20	5240	Ant0	15.77	0	15.77	24	Pass
NVNT	n40	5190	Ant0	14.83	0	14.83	24	Pass
NVNT	n40	5230	Ant0	15.08	0	15.08	24	Pass

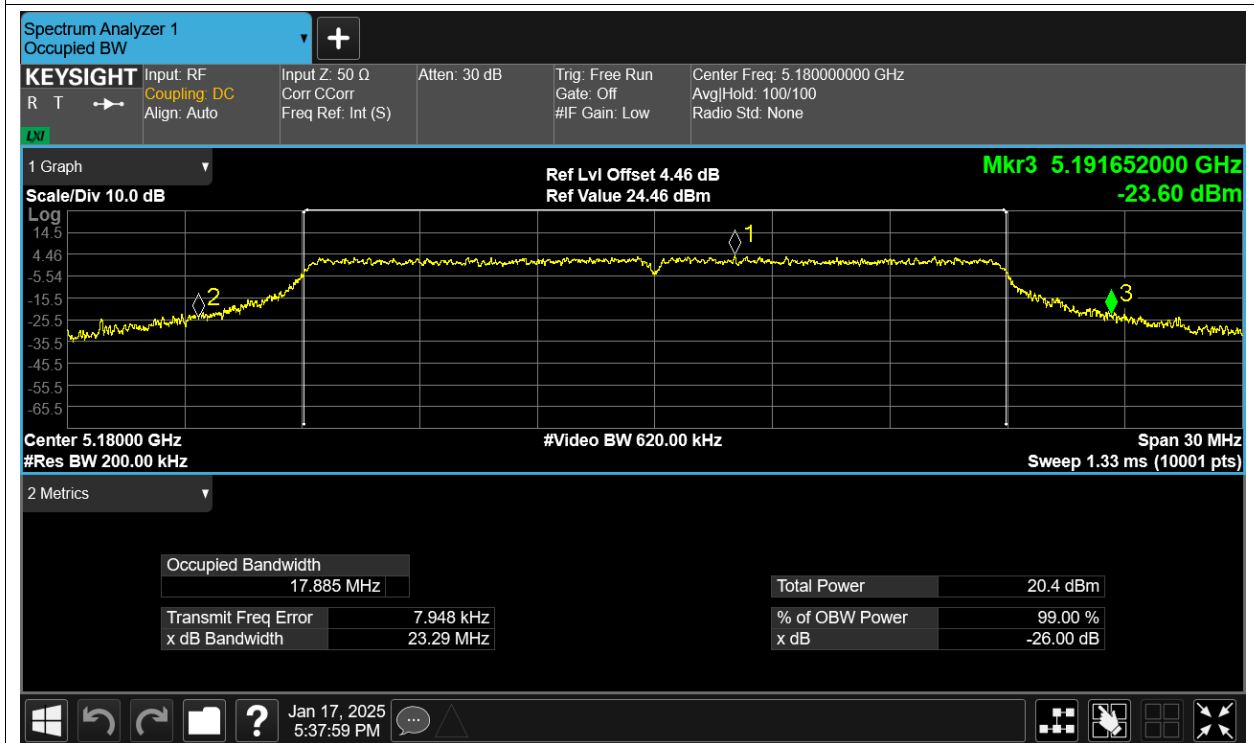
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant0	25.176
NVNT	a	5200	Ant0	25.375
NVNT	a	5240	Ant0	24.328
NVNT	ac20	5180	Ant0	23.288
NVNT	ac20	5200	Ant0	22.292
NVNT	ac20	5240	Ant0	24.684
NVNT	ac40	5190	Ant0	40.033
NVNT	ac40	5230	Ant0	39.793
NVNT	ac80	5210	Ant0	78.621
NVNT	ax20	5180	Ant0	22.991
NVNT	ax20	5200	Ant0	22.505
NVNT	ax20	5240	Ant0	23.021
NVNT	ax40	5190	Ant0	39.304
NVNT	ax40	5230	Ant0	39.236
NVNT	ax80	5210	Ant0	79.283
NVNT	n20	5180	Ant0	22.825
NVNT	n20	5200	Ant0	23.19
NVNT	n20	5240	Ant0	22.96
NVNT	n40	5190	Ant0	39.764
NVNT	n40	5230	Ant0	40.23

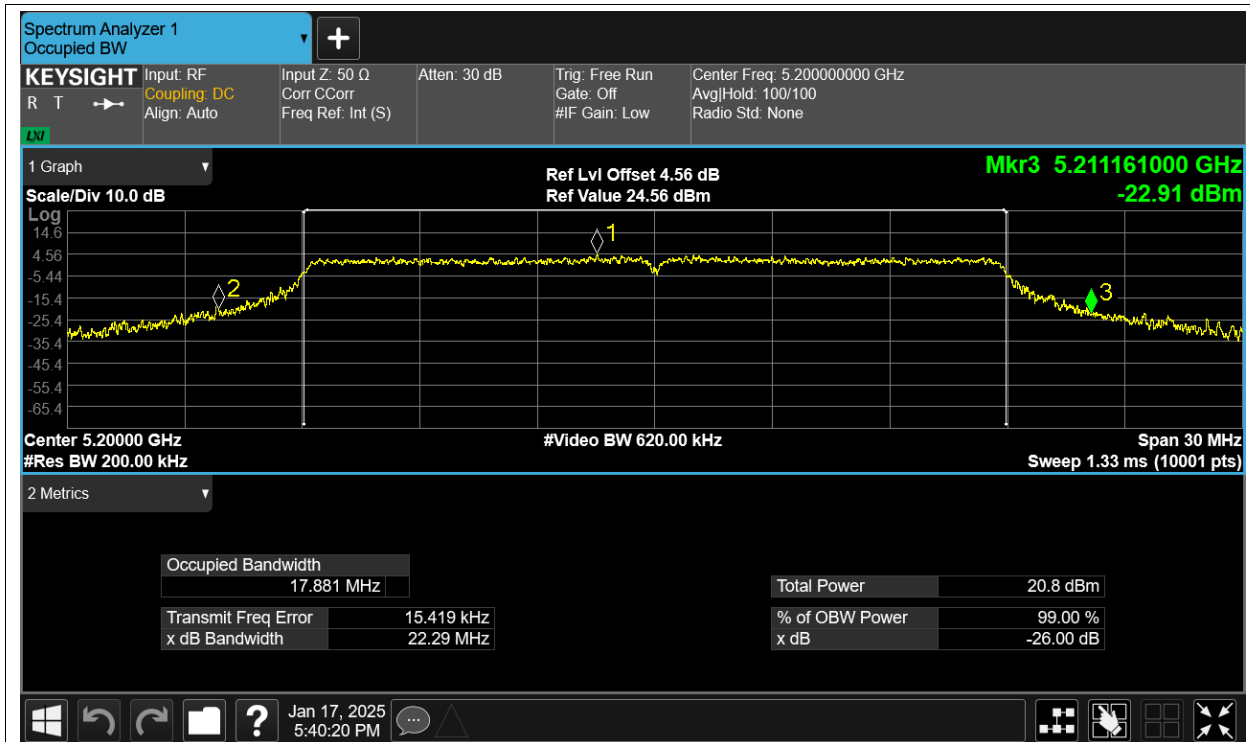




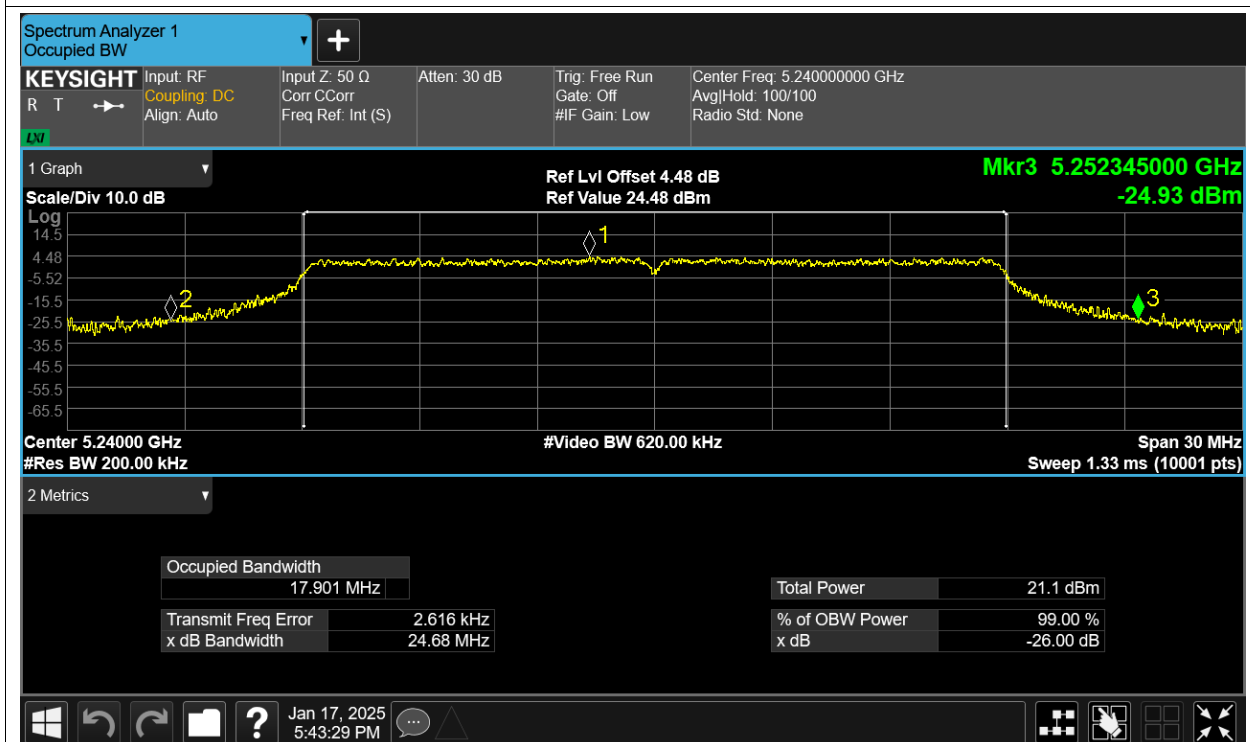
-26dB Bandwidth NVNT ac20 5180MHz Ant0



-26dB Bandwidth NVNT ac20 5200MHz Ant0



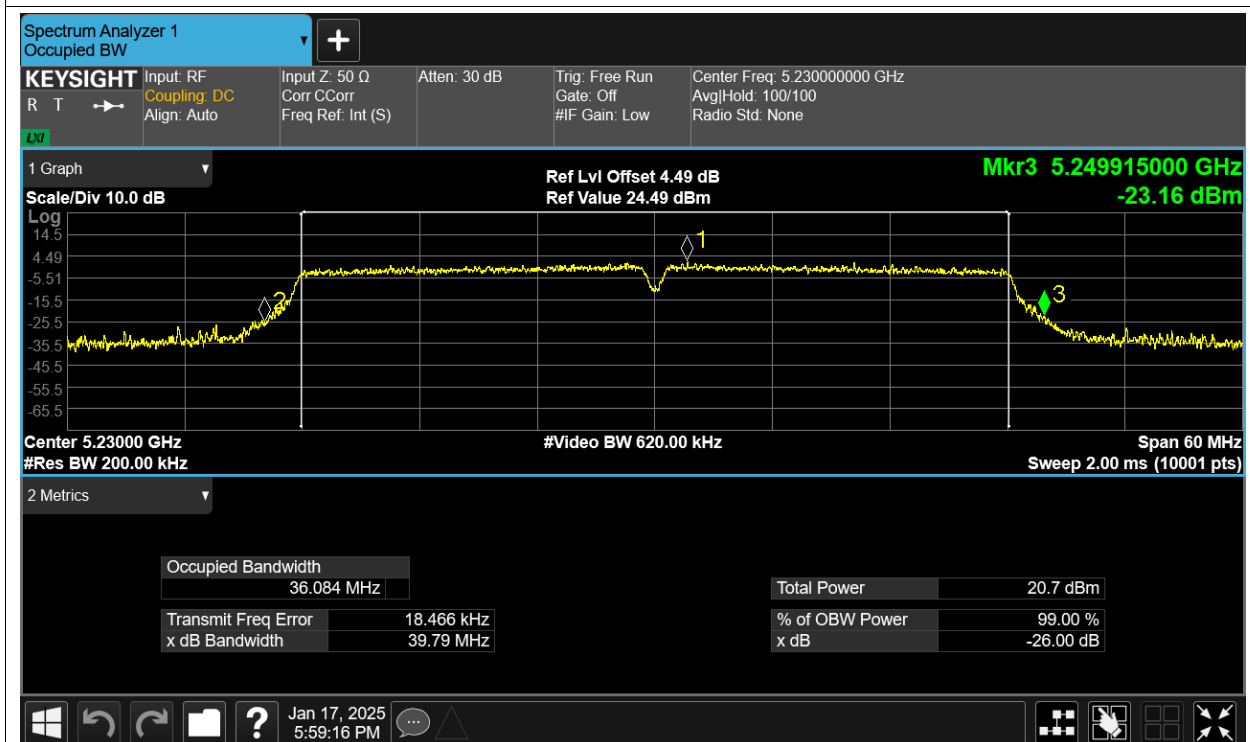
-26dB Bandwidth NVNT ac20 5240MHz Ant0



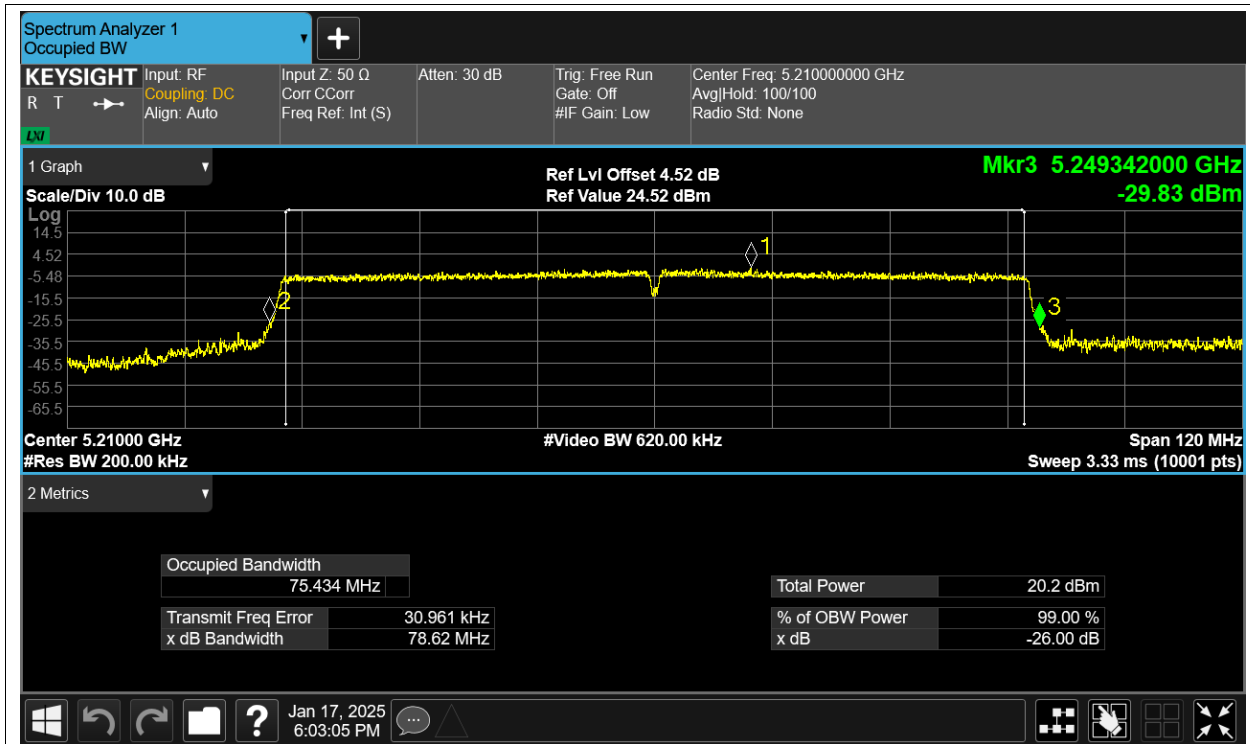
-26dB Bandwidth NVNT ac40 5190MHz Ant0



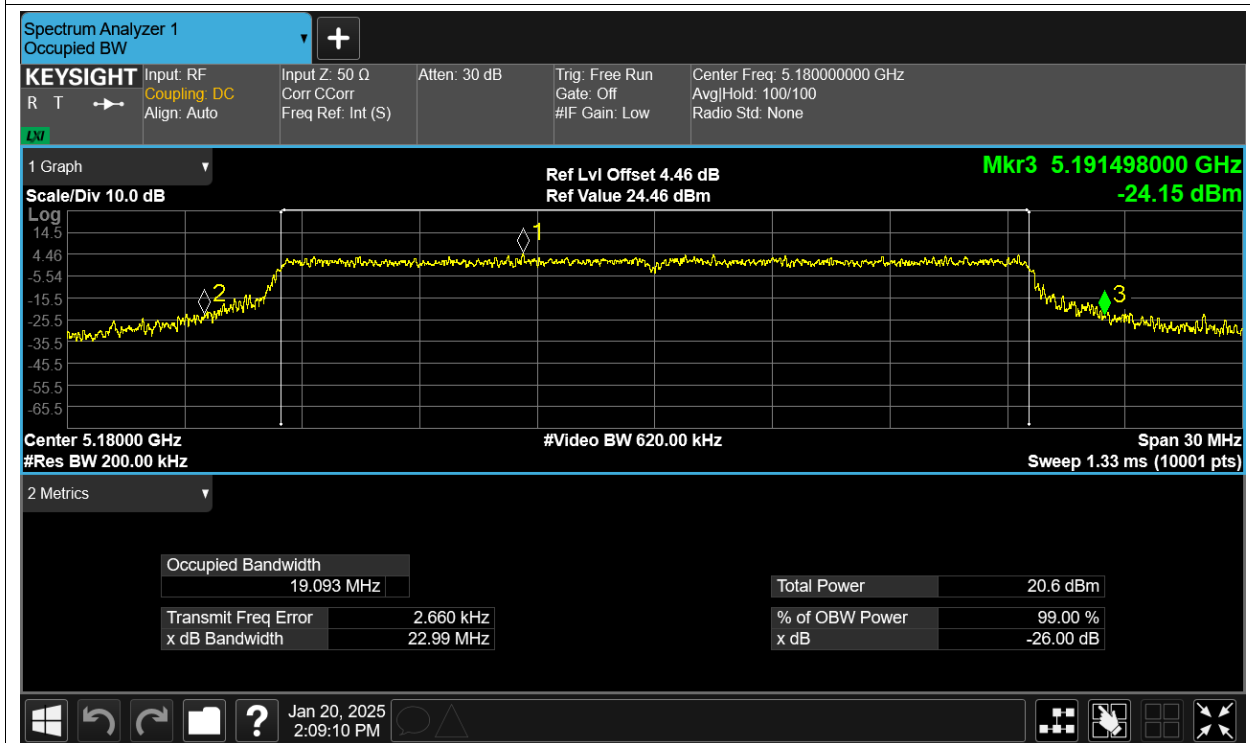
-26dB Bandwidth NVNT ac40 5230MHz Ant0



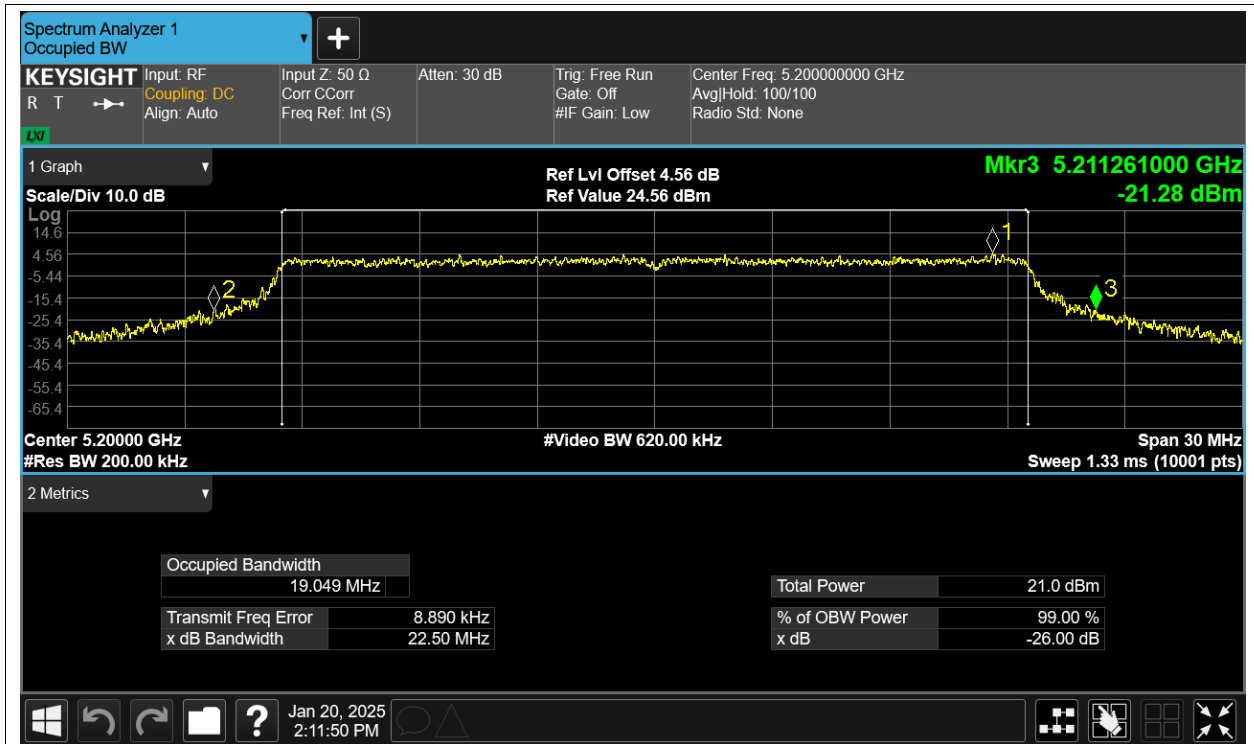
-26dB Bandwidth NVNT ac80 5210MHz Ant0



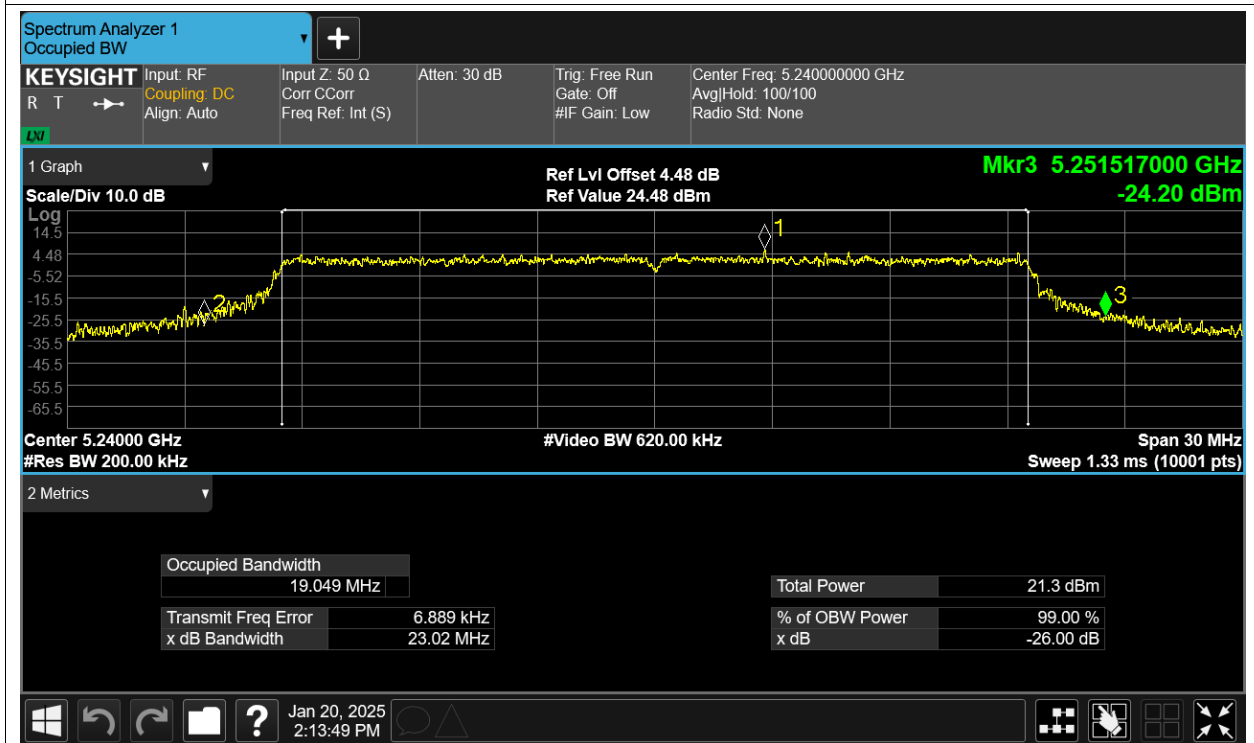
-26dB Bandwidth NVNT ax20 5180MHz Ant0



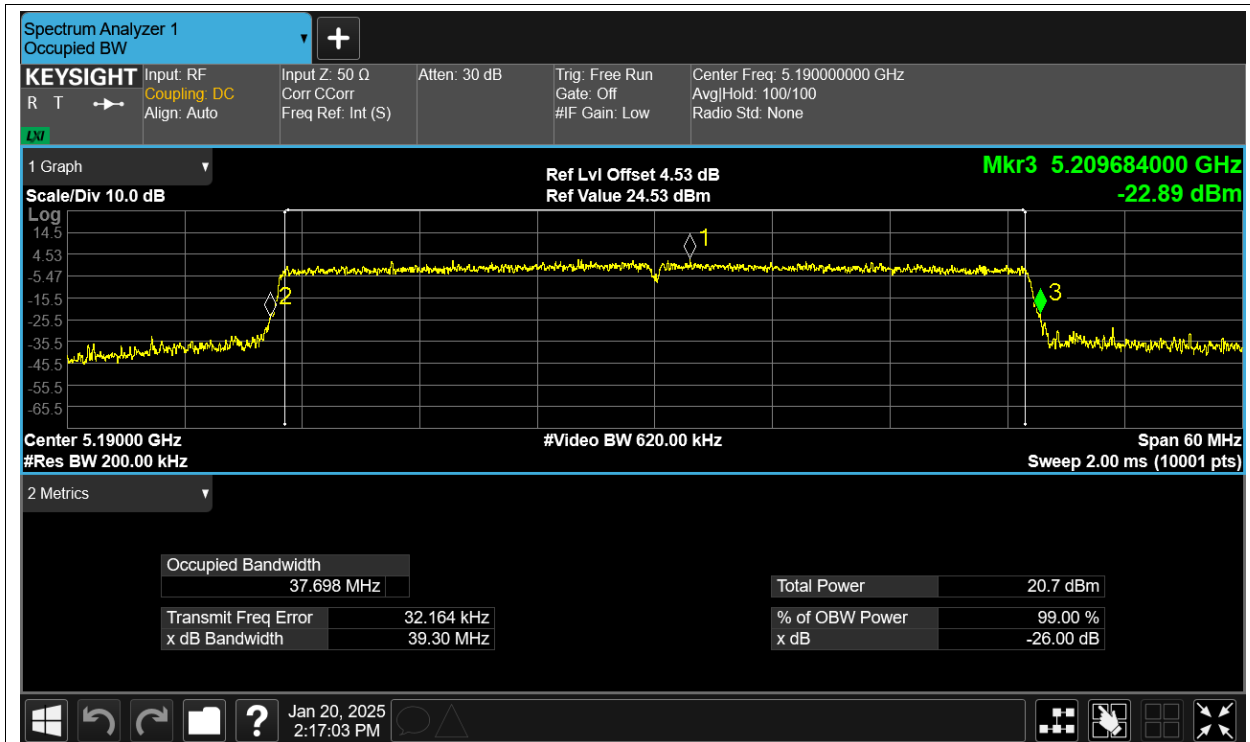
-26dB Bandwidth NVNT ax20 5200MHz Ant0



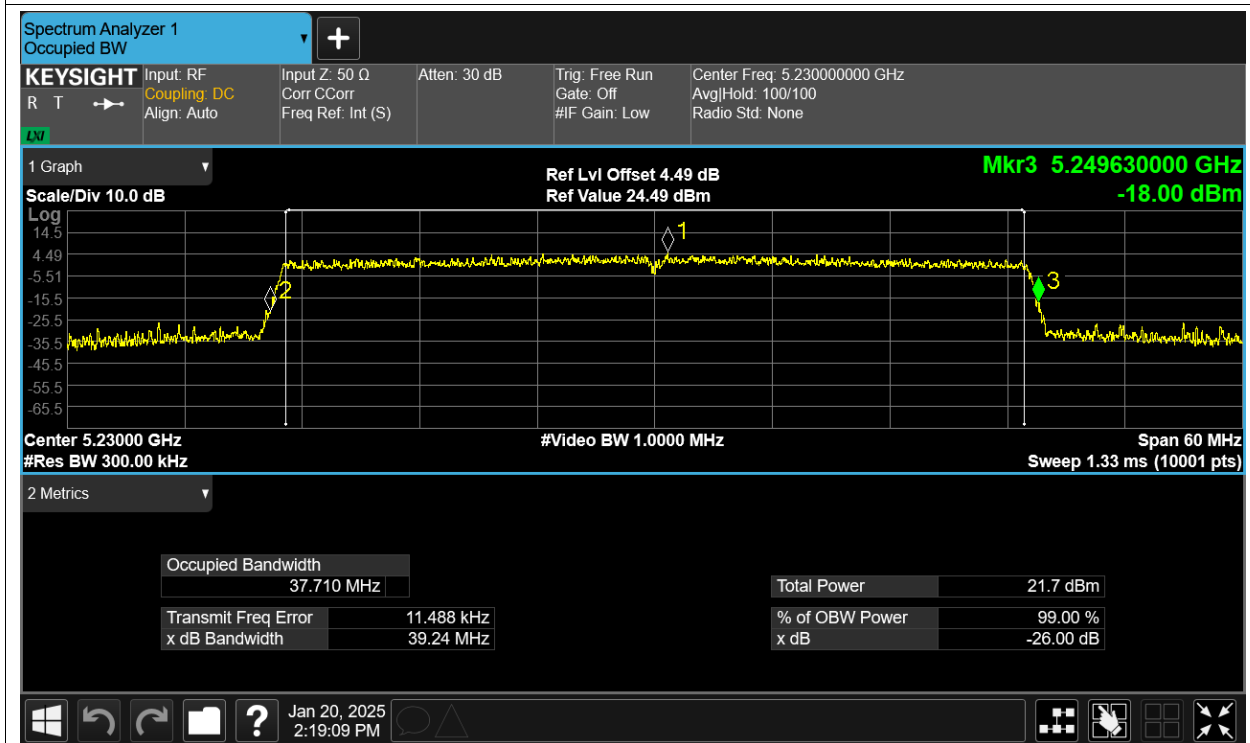
-26dB Bandwidth NVNT ax20 5240MHz Ant0



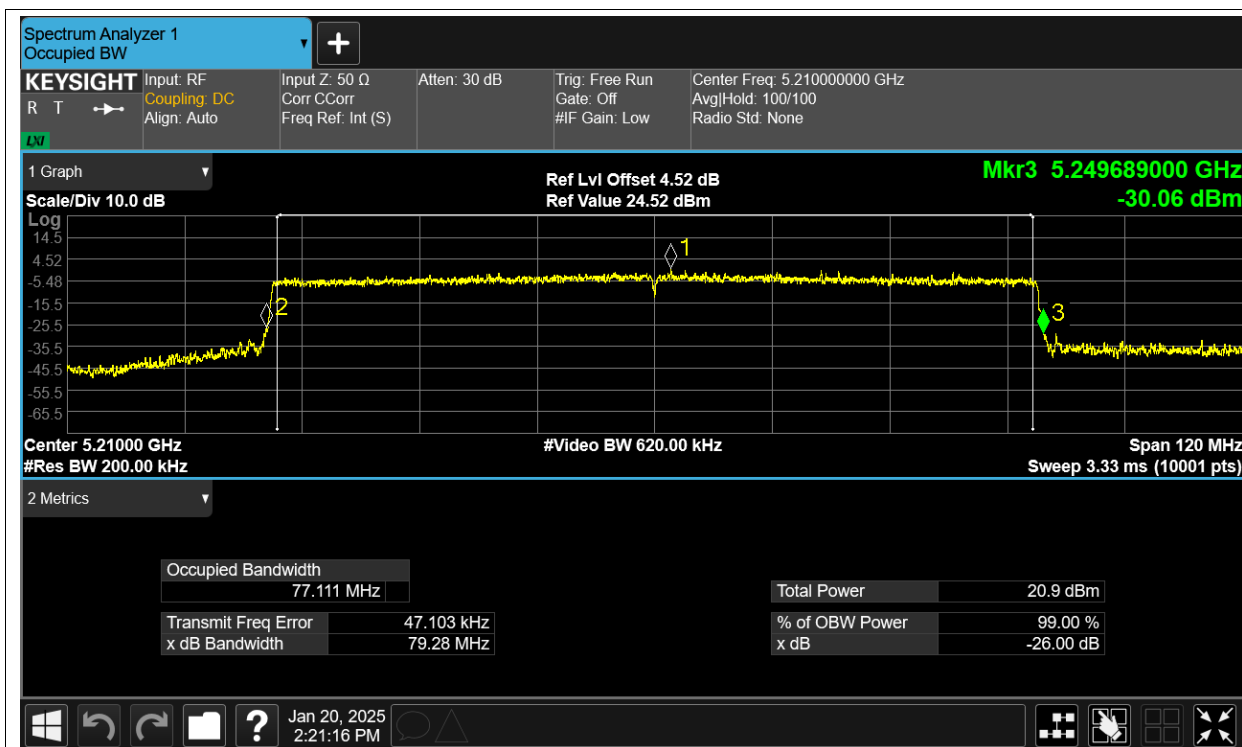
-26dB Bandwidth NVNT ax40 5190MHz Ant0



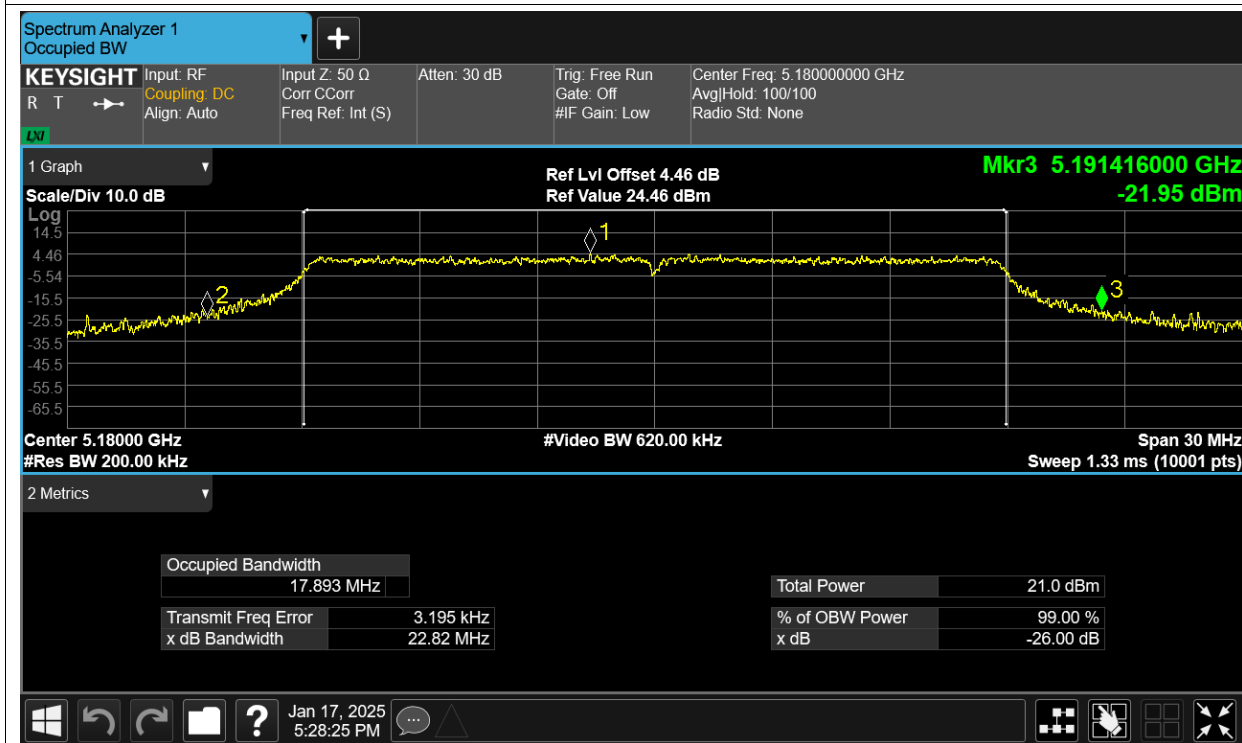
-26dB Bandwidth NVNT ax40 5230MHz Ant0



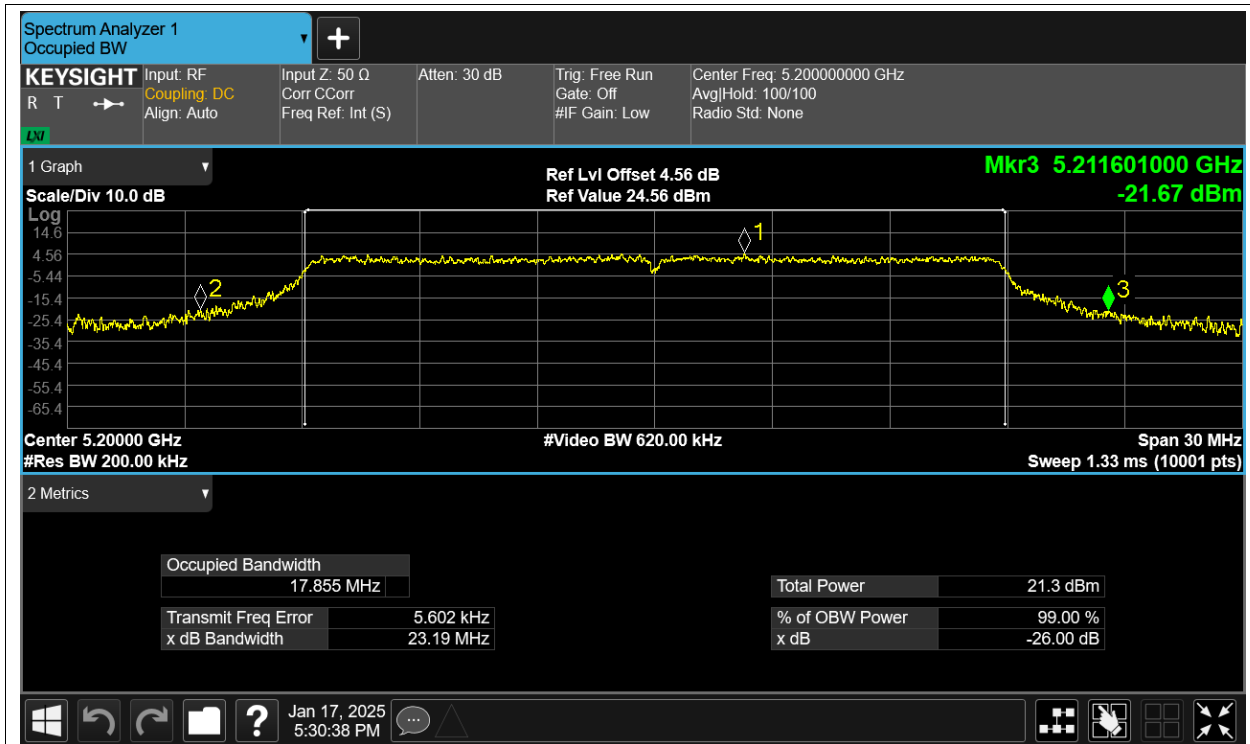
-26dB Bandwidth NVNT ax80 5210MHz Ant0



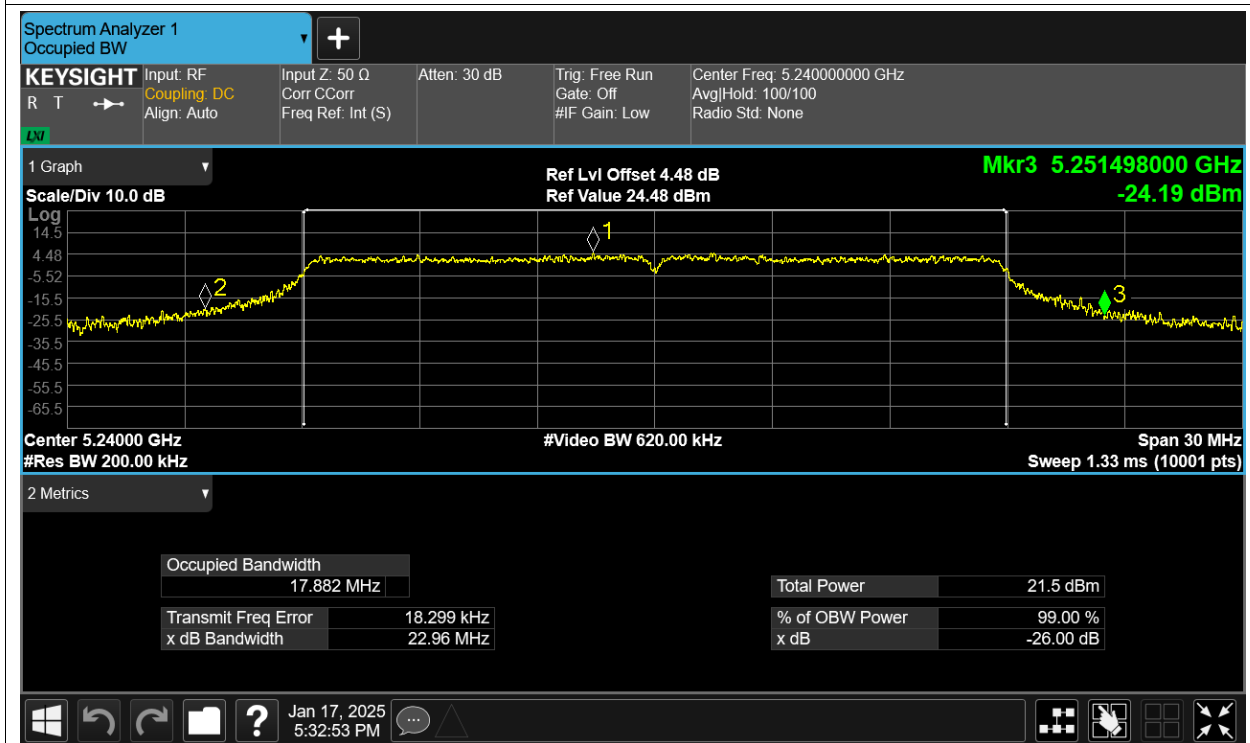
-26dB Bandwidth NVNT n20 5180MHz Ant0



-26dB Bandwidth NVNT n20 5200MHz Ant0



-26dB Bandwidth NVNT n20 5240MHz Ant0



-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0

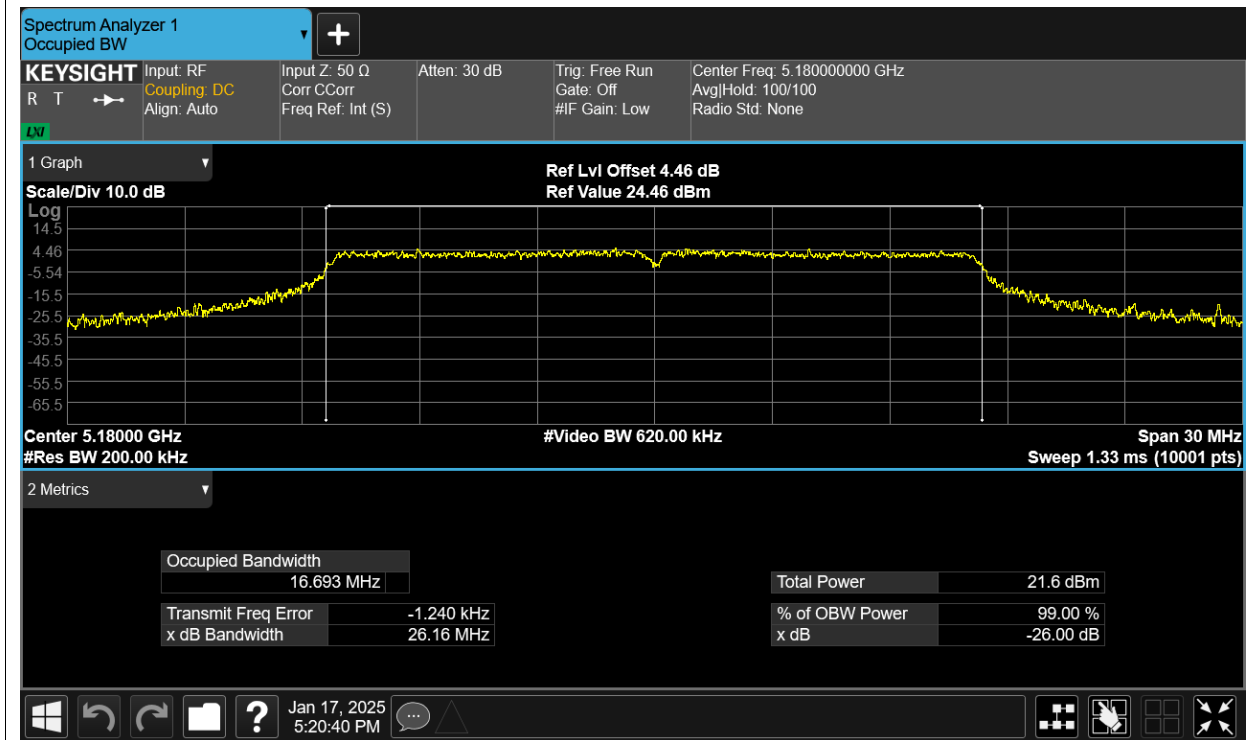


Occupied Channel Bandwidth

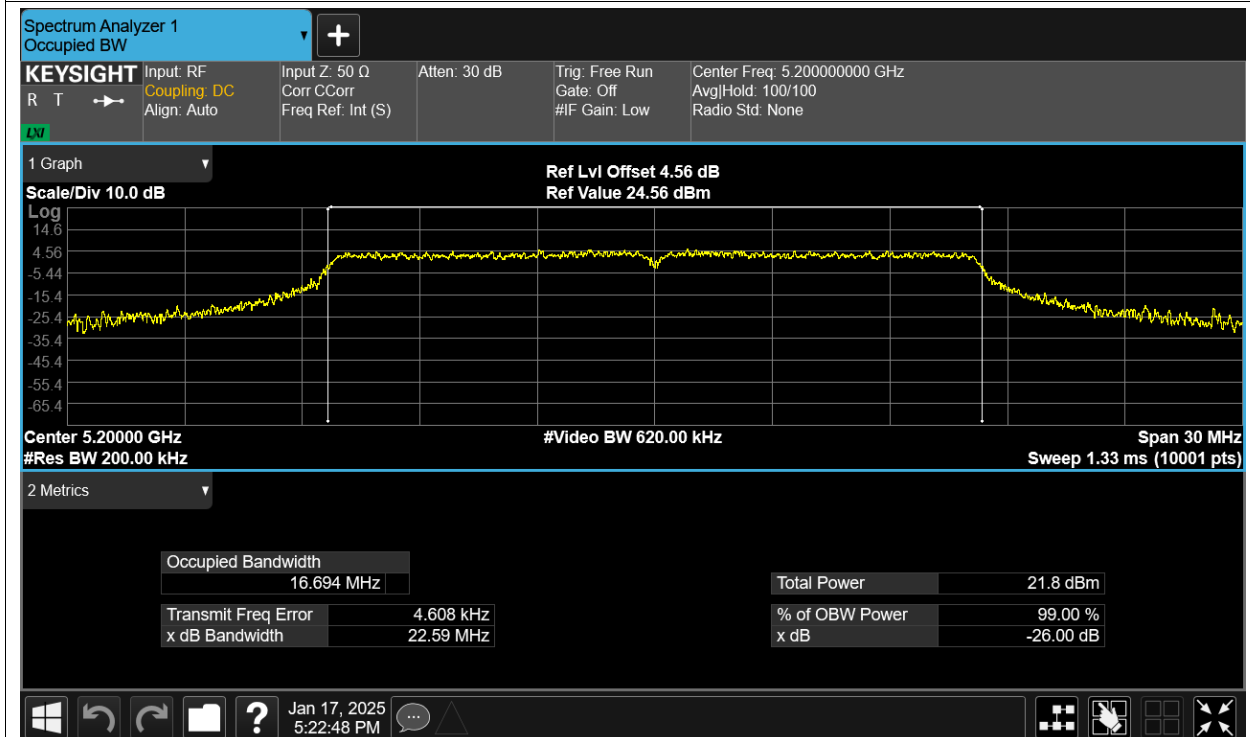
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant0	16.693
NVNT	a	5200	Ant0	16.694
NVNT	a	5240	Ant0	16.716
NVNT	ac20	5180	Ant0	17.897
NVNT	ac20	5200	Ant0	17.862
NVNT	ac20	5240	Ant0	17.903
NVNT	ac40	5190	Ant0	36.186
NVNT	ac40	5230	Ant0	36.257
NVNT	ac80	5210	Ant0	75.427
NVNT	ax20	5180	Ant0	19.062
NVNT	ax20	5200	Ant0	19.061
NVNT	ax20	5240	Ant0	19.052
NVNT	ax40	5190	Ant0	37.709
NVNT	ax40	5230	Ant0	37.688
NVNT	ax80	5210	Ant0	77.14
NVNT	n20	5180	Ant0	17.861
NVNT	n20	5200	Ant0	17.878
NVNT	n20	5240	Ant0	17.891
NVNT	n40	5190	Ant0	36.218
NVNT	n40	5230	Ant0	36.19

Test Graphs

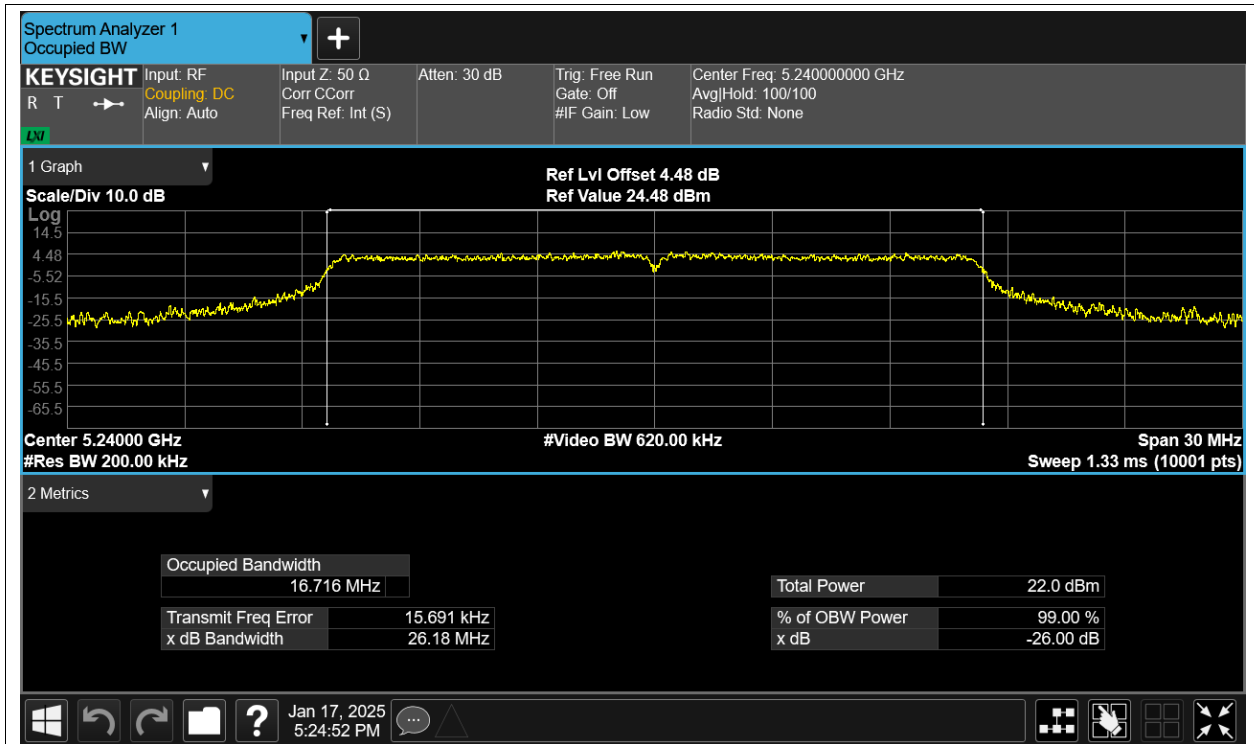
OBW NVNT a 5180MHz Ant0



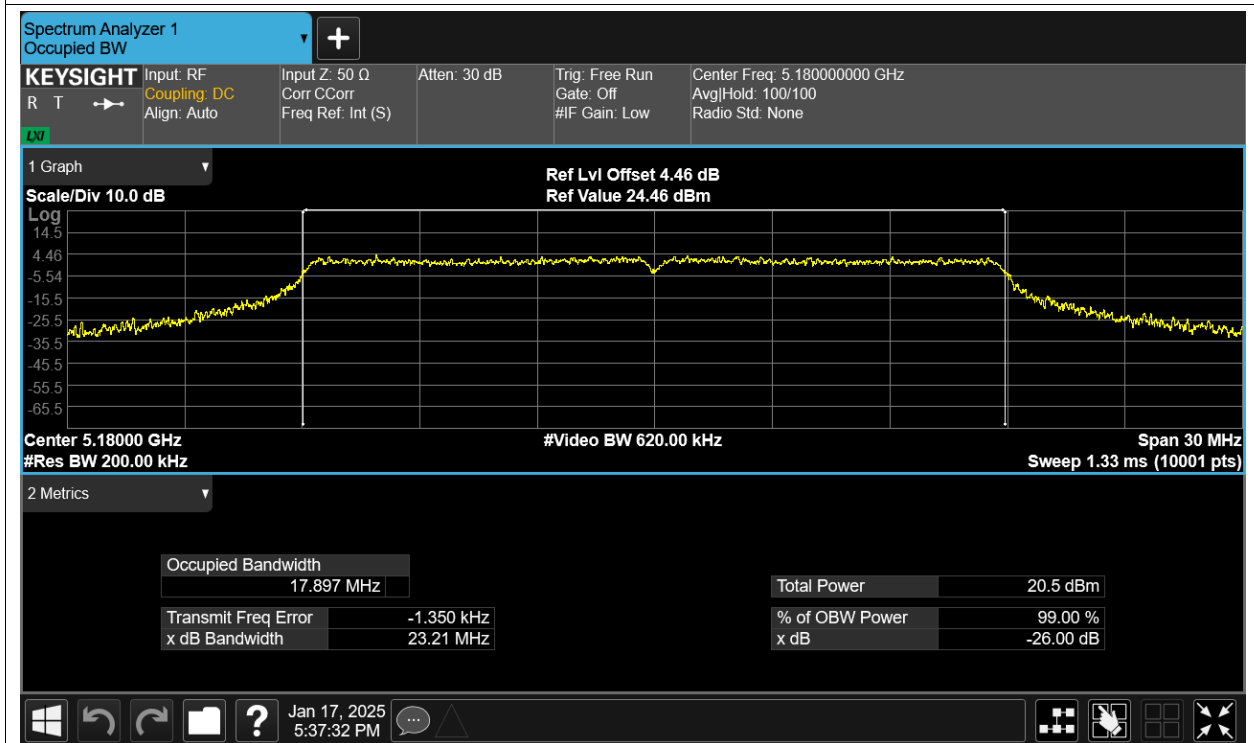
OBW NVNT a 5200MHz Ant0



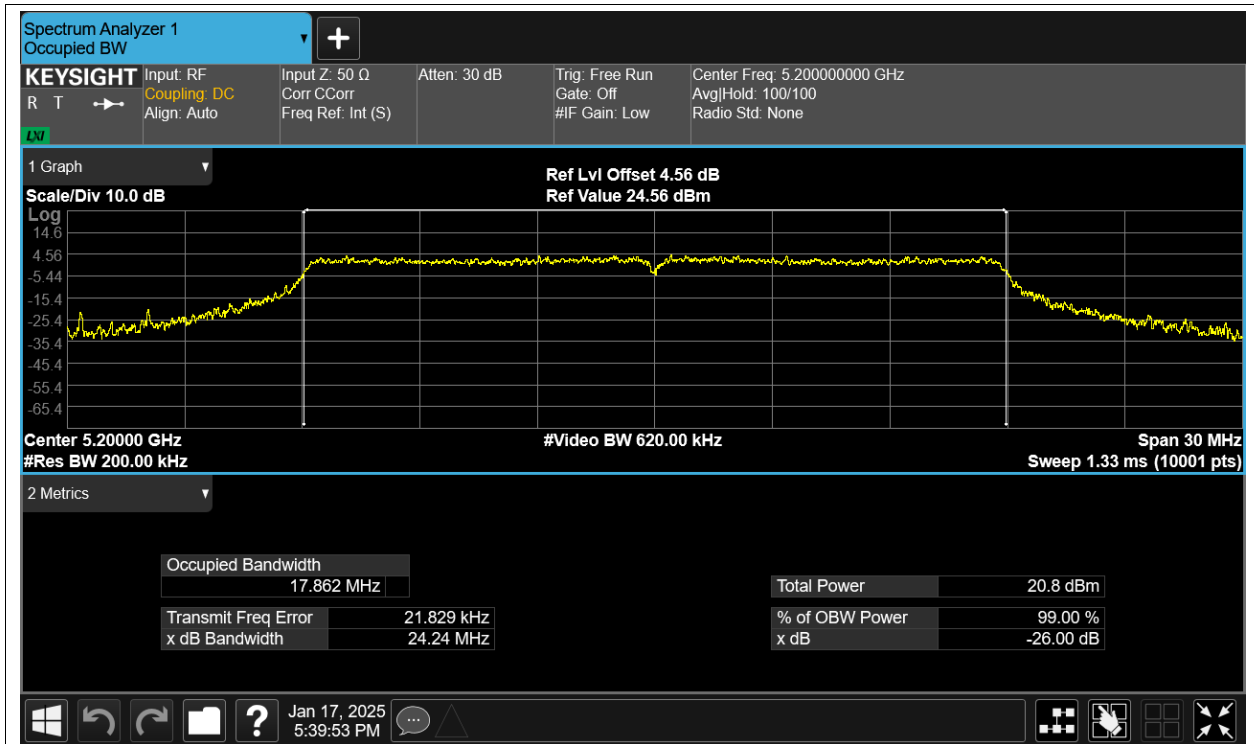
OBW NVNT a 5240MHz Ant0



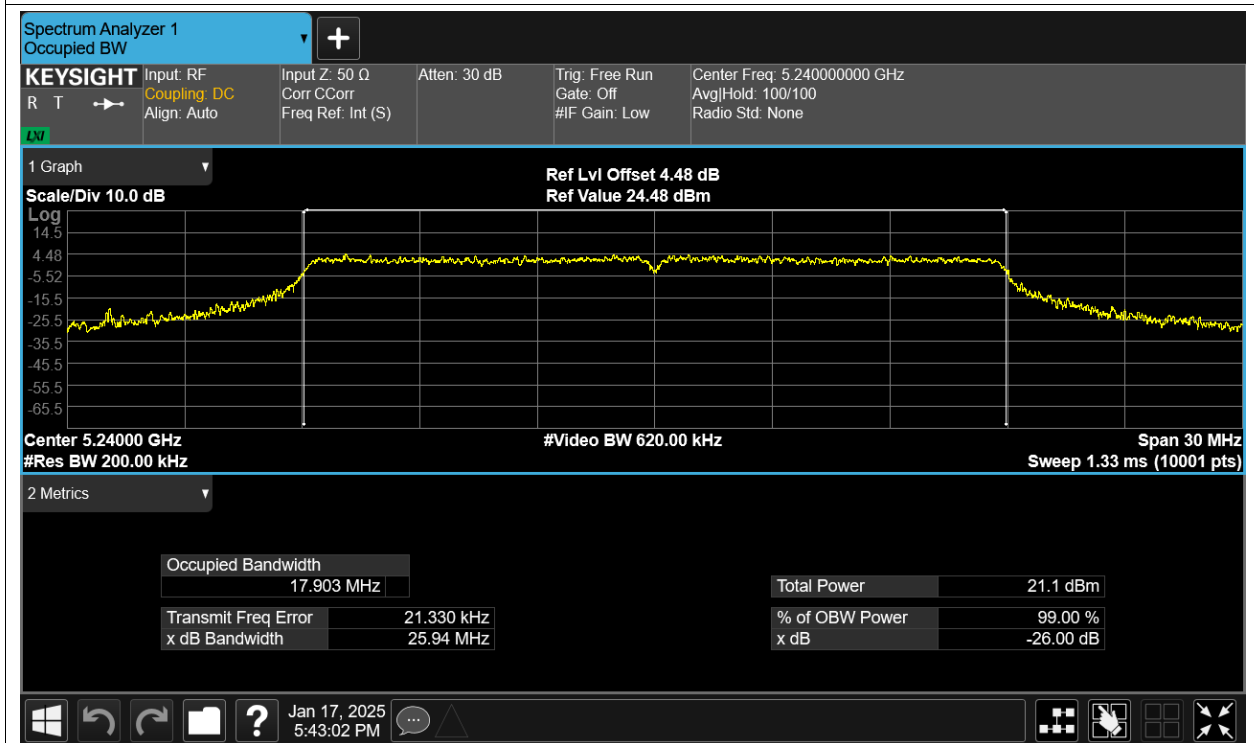
OBW NVNT ac20 5180MHz Ant0



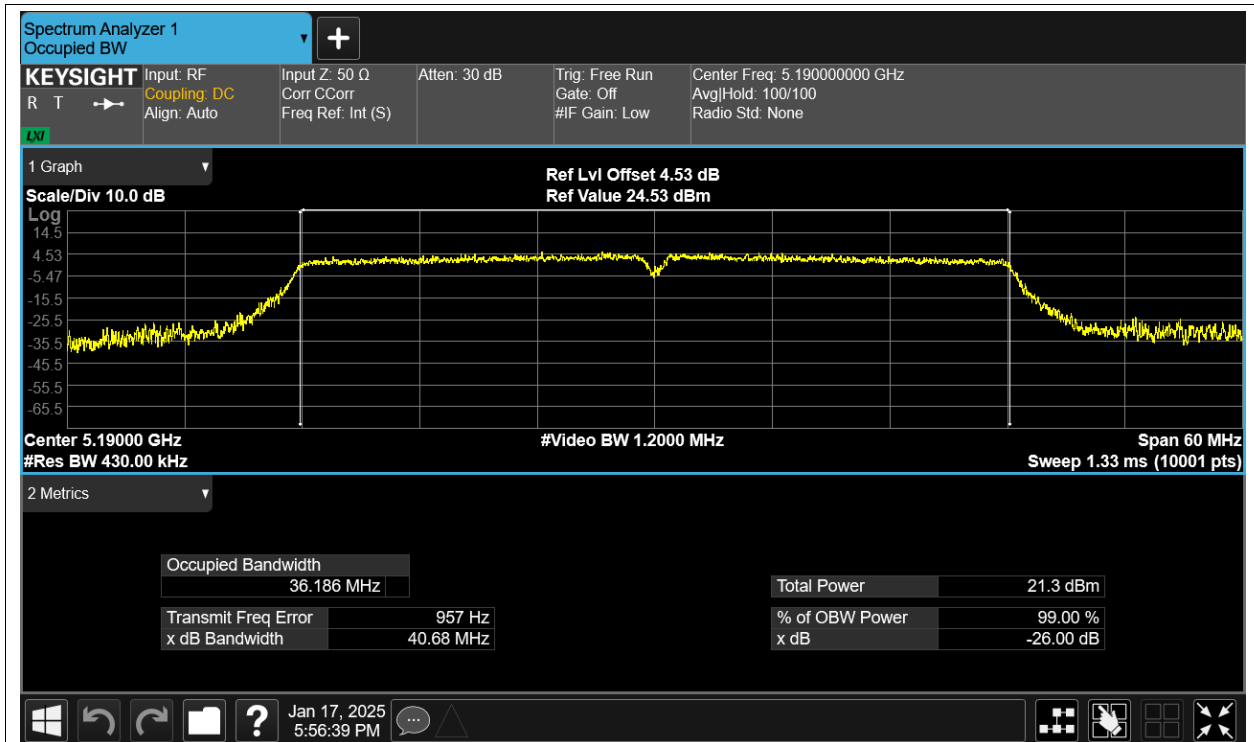
OBW NVNT ac20 5200MHz Ant0



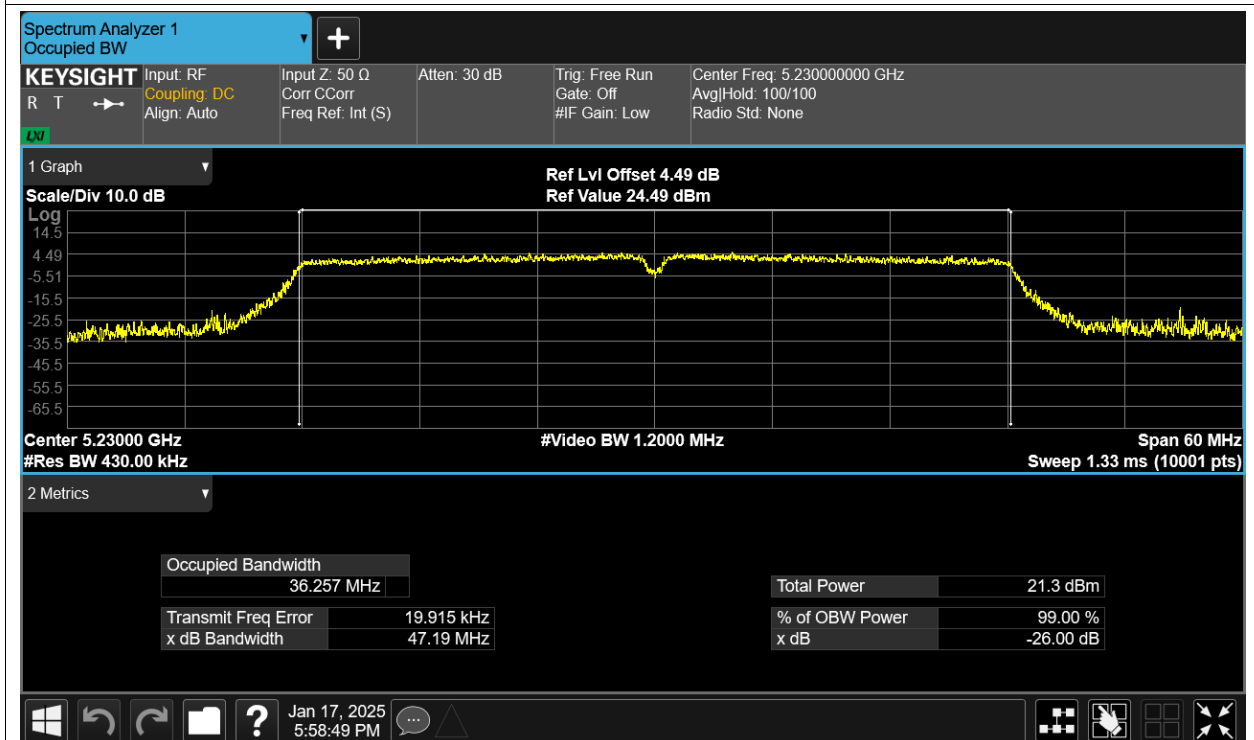
OBW NVNT ac20 5240MHz Ant0



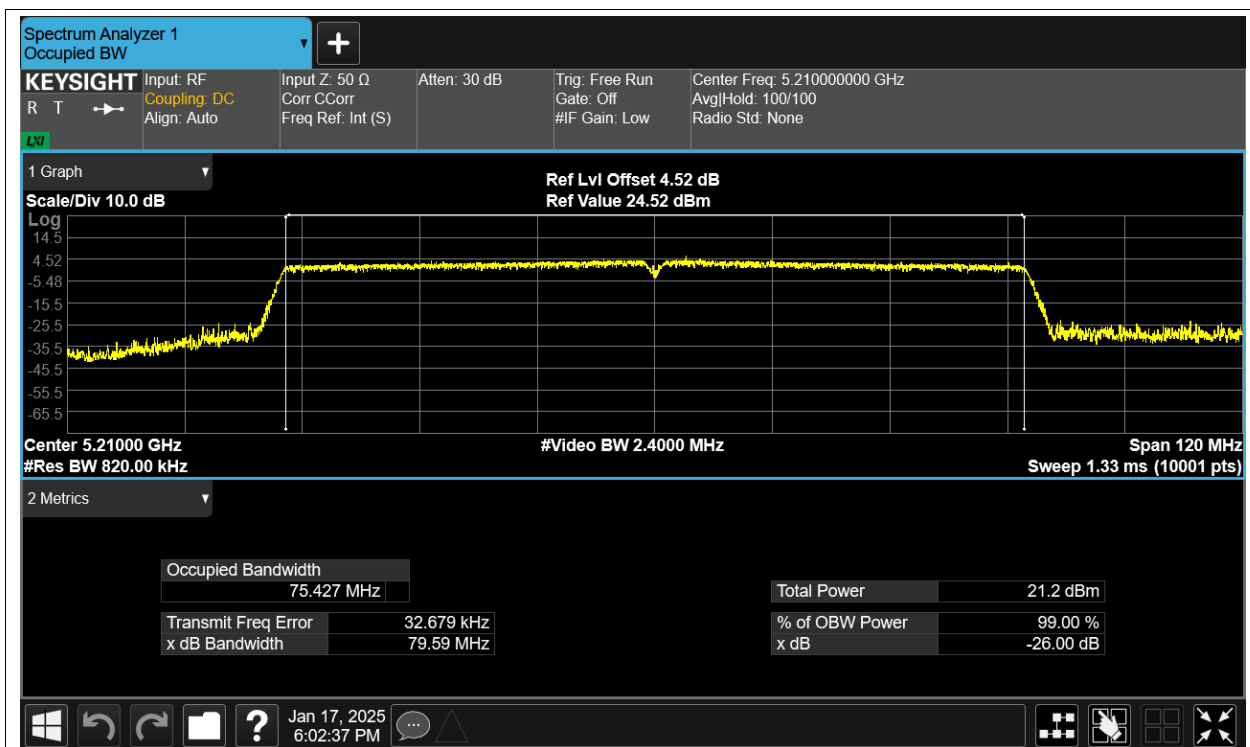
OBW NVNT ac40 5190MHz Ant0



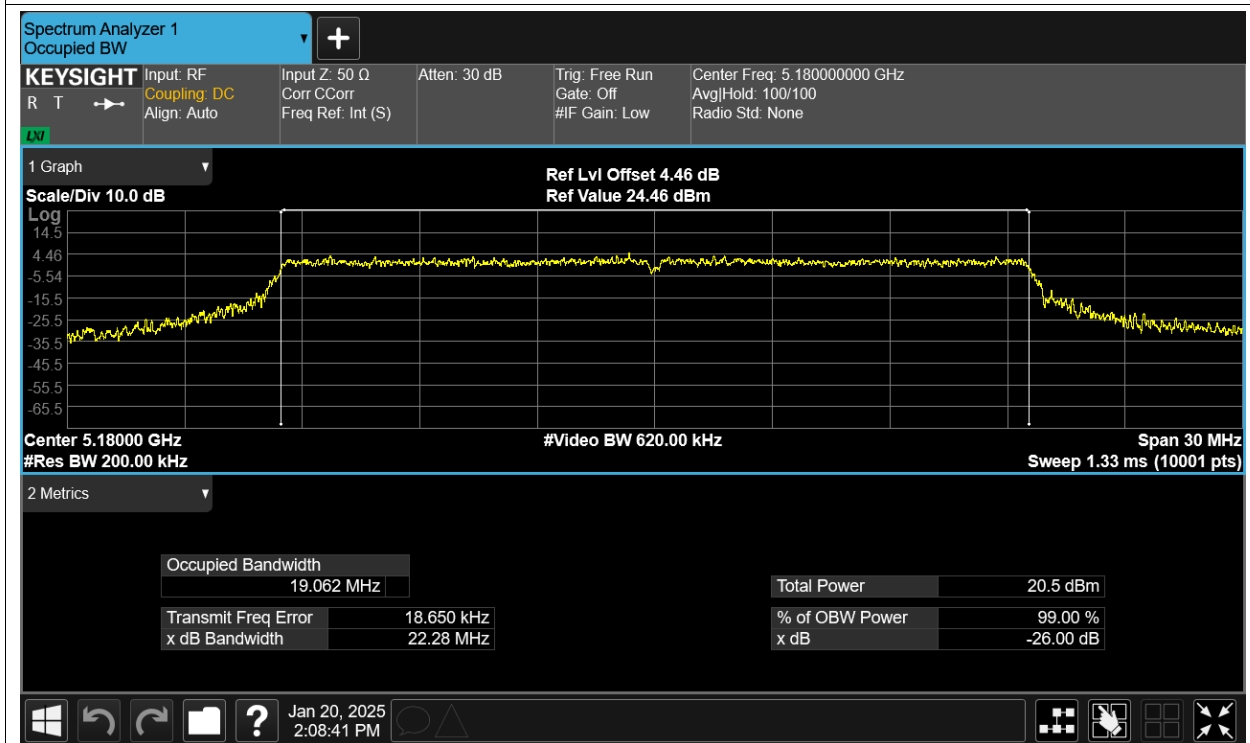
OBW NVNT ac40 5230MHz Ant0



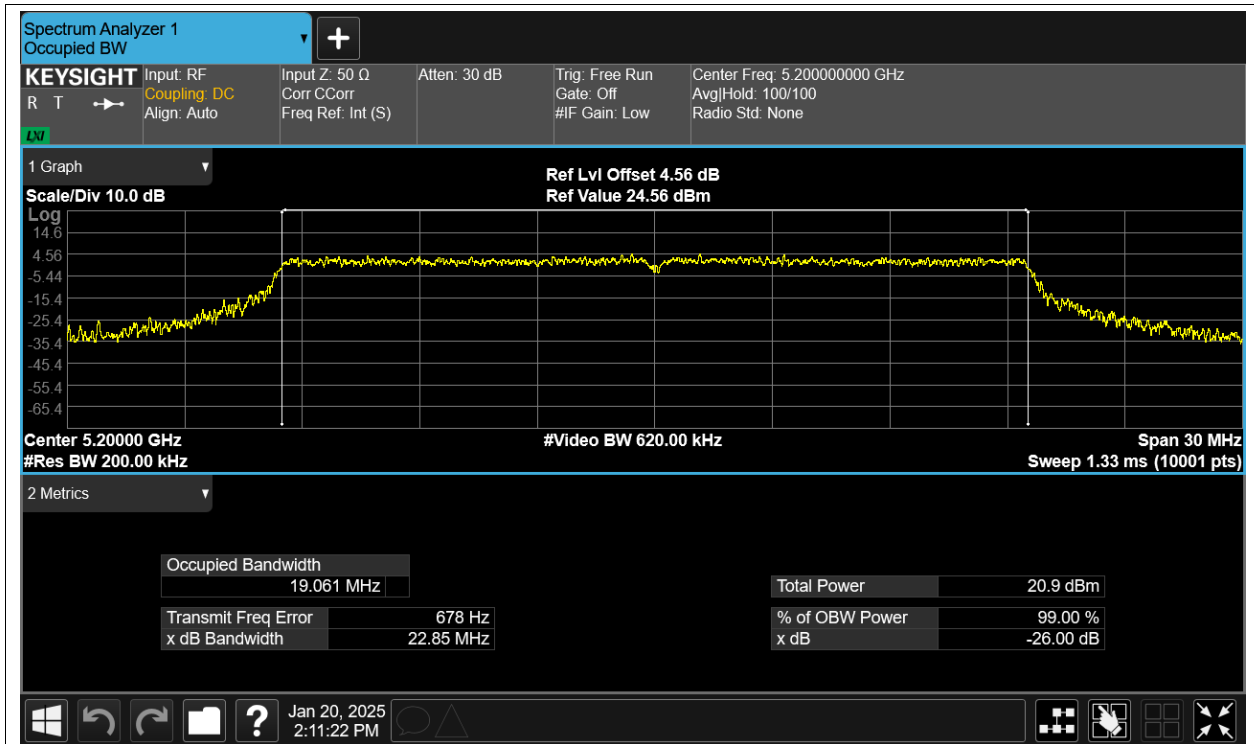
OBW NVNT ac80 5210MHz Ant0



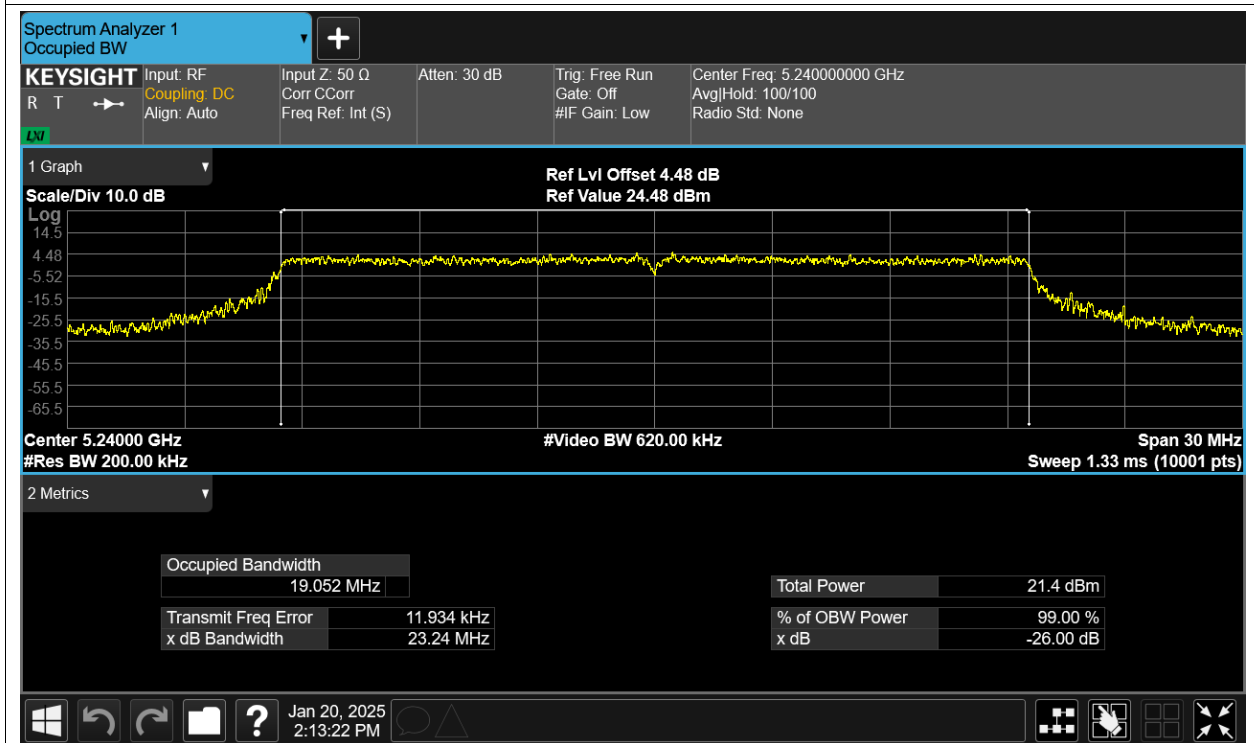
OBW NVNT ax20 5180MHz Ant0



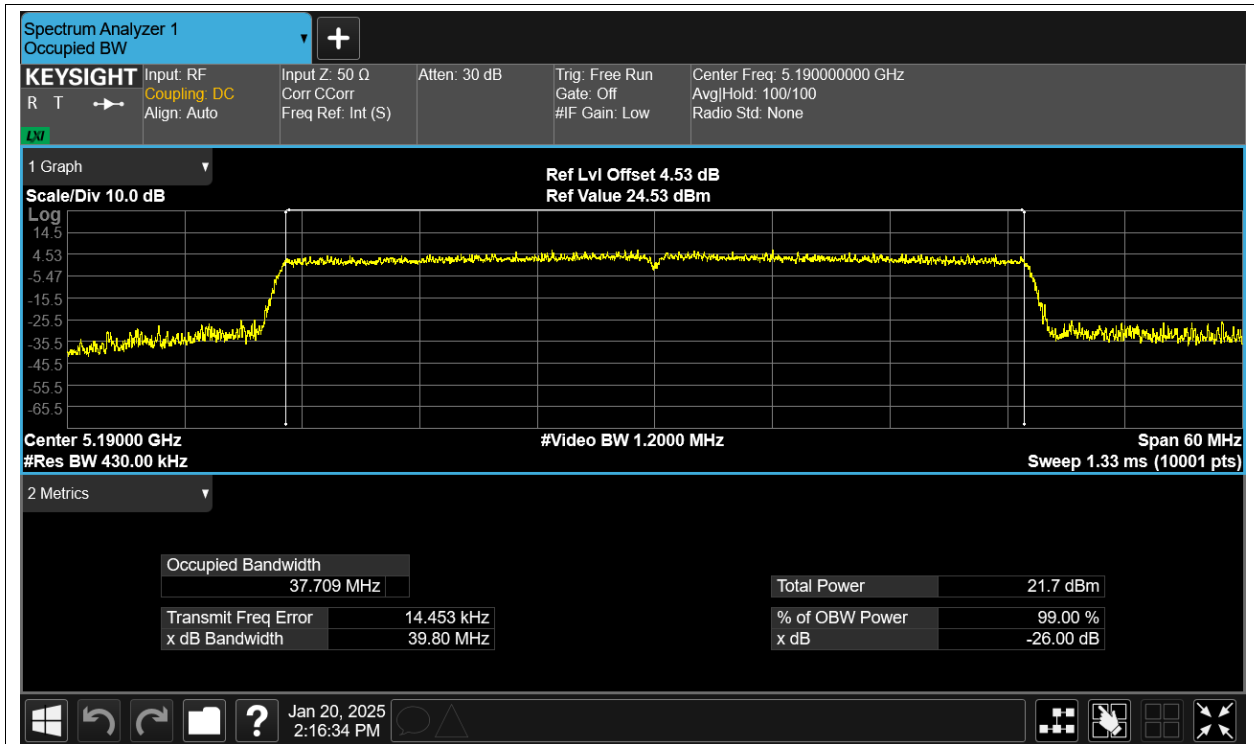
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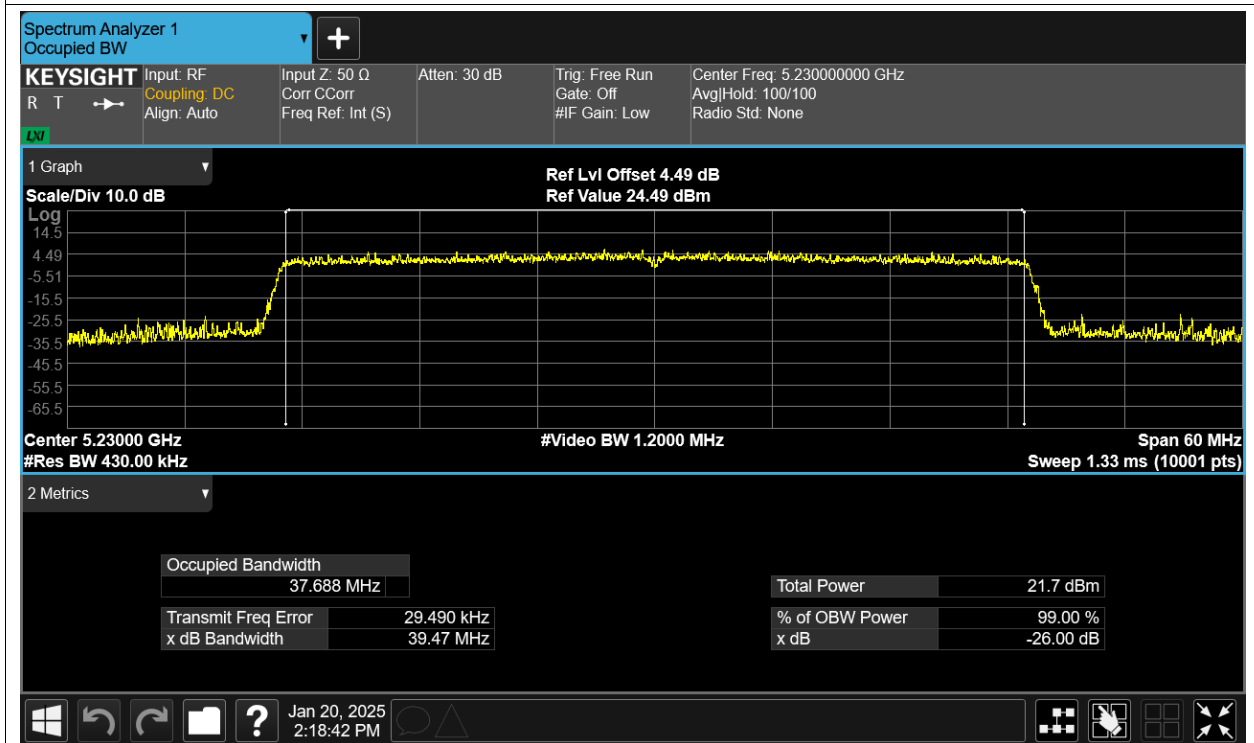
OBW NVNT ax20 5240MHz Ant0



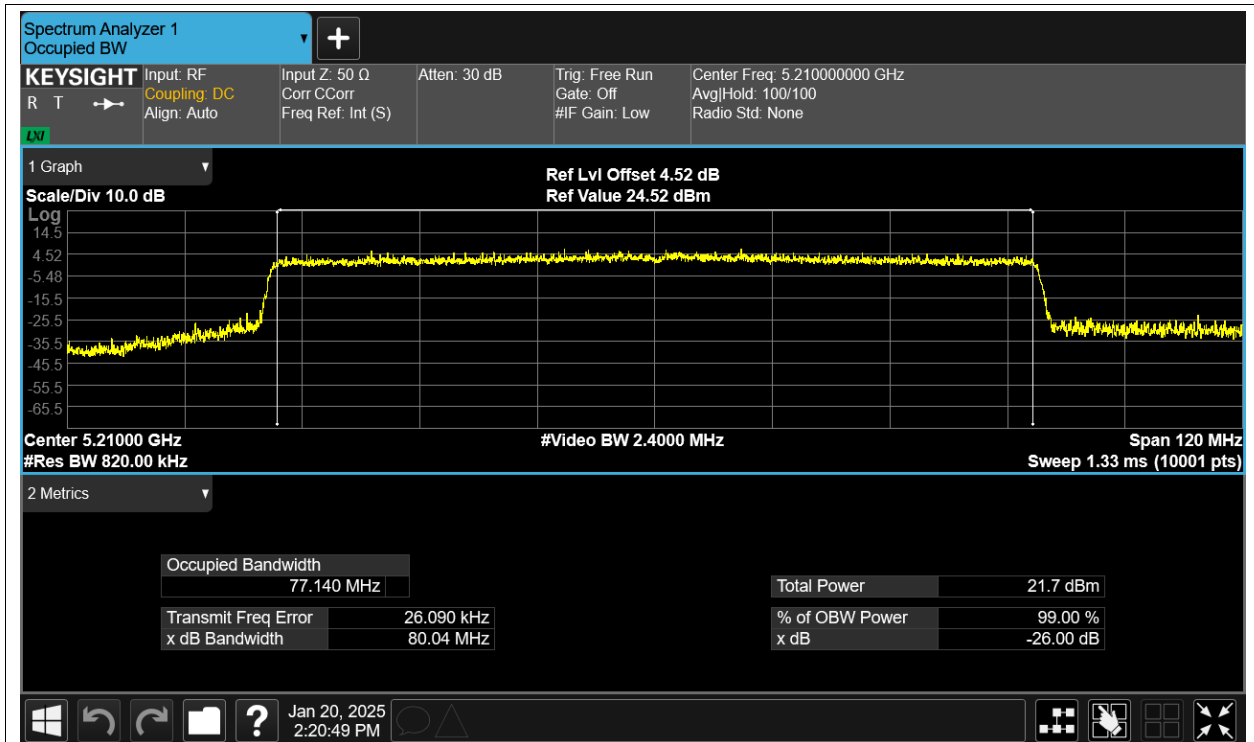
OBW NVNT ax40 5190MHz Ant0



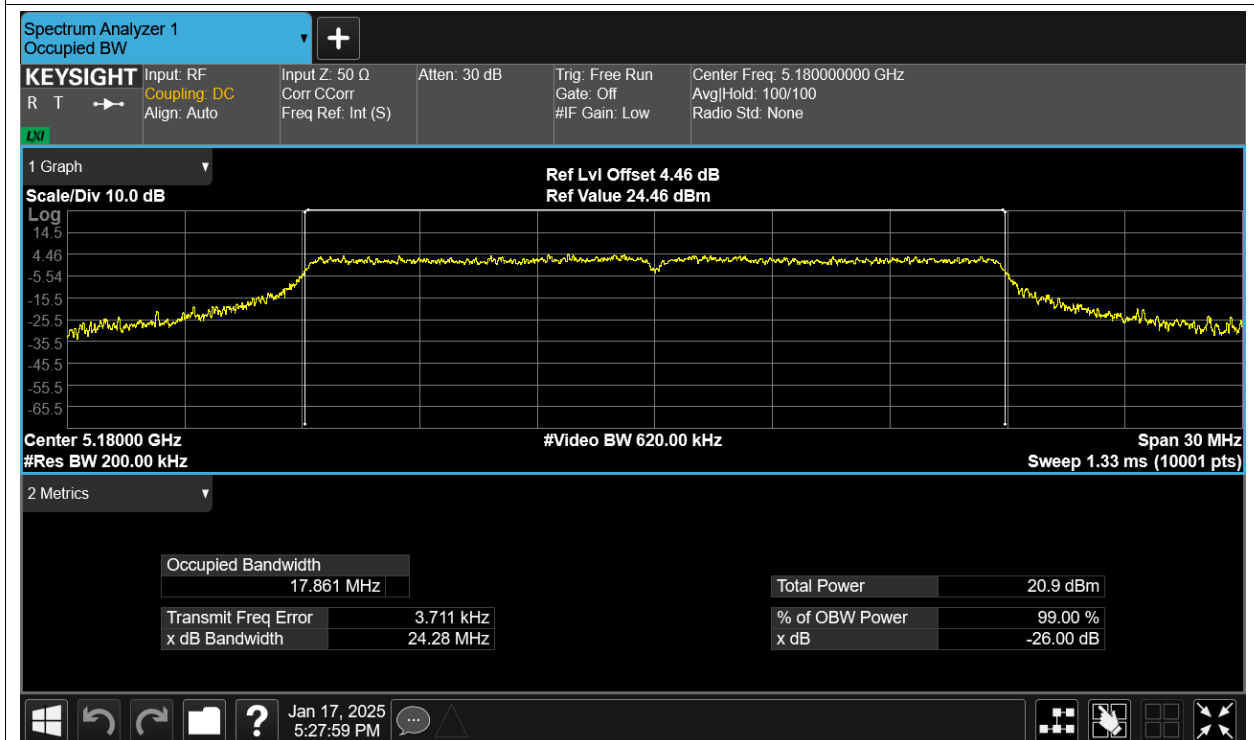
OBW NVNT ax40 5230MHz Ant0



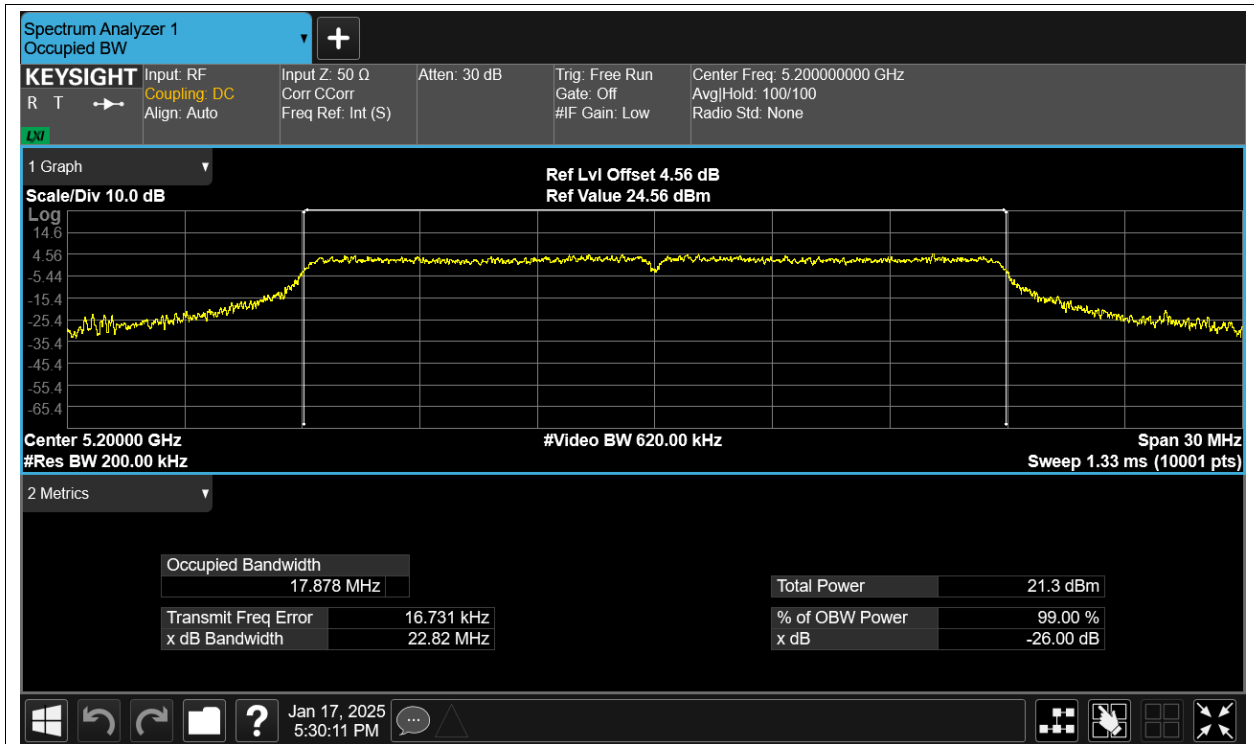
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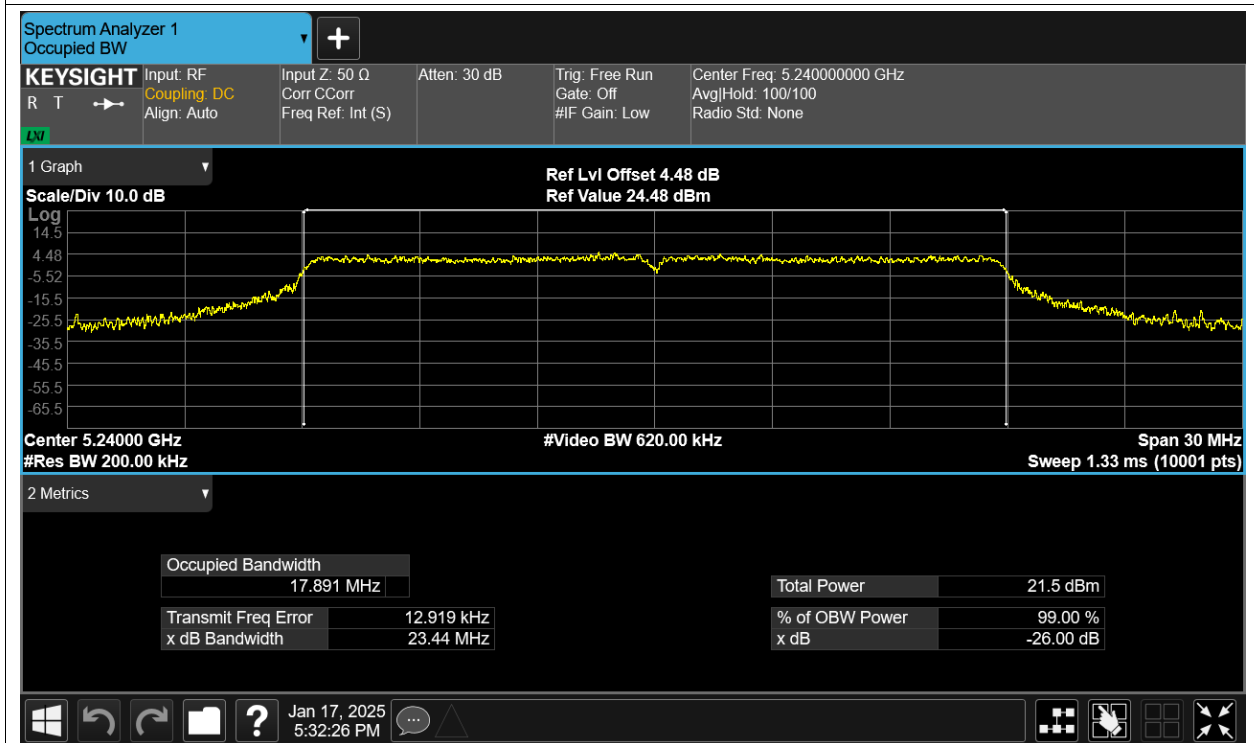
OBW NVNT n20 5180MHz Ant0



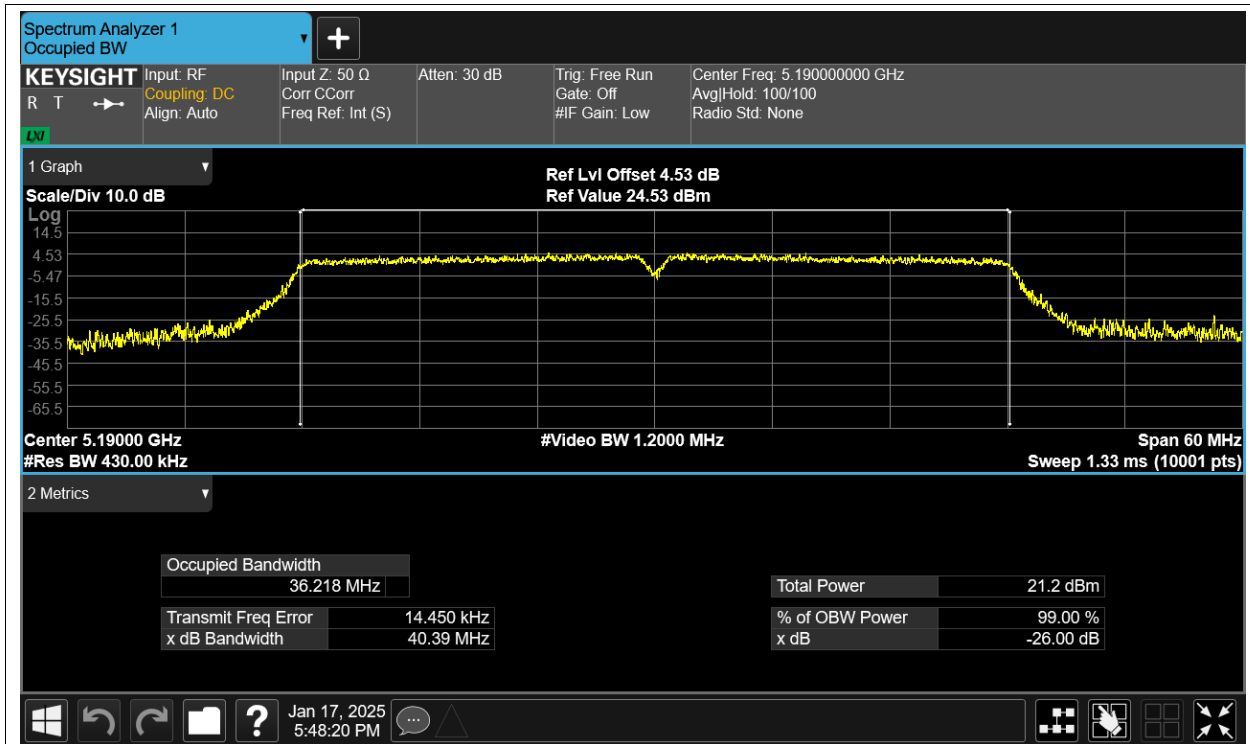
OBW NVNT n20 5200MHz Ant0



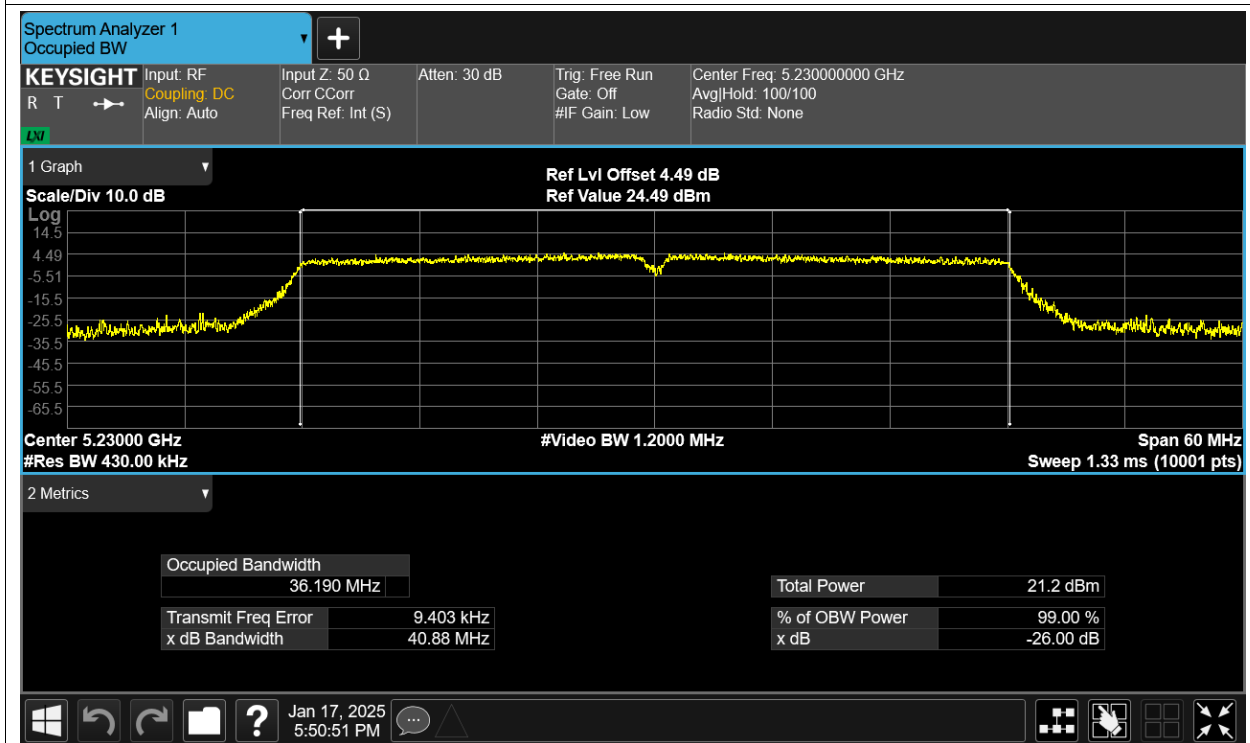
OBW NVNT n20 5240MHz Ant0



OBW NVNT n40 5190MHz Ant0



OBW NVNT n40 5230MHz Ant0

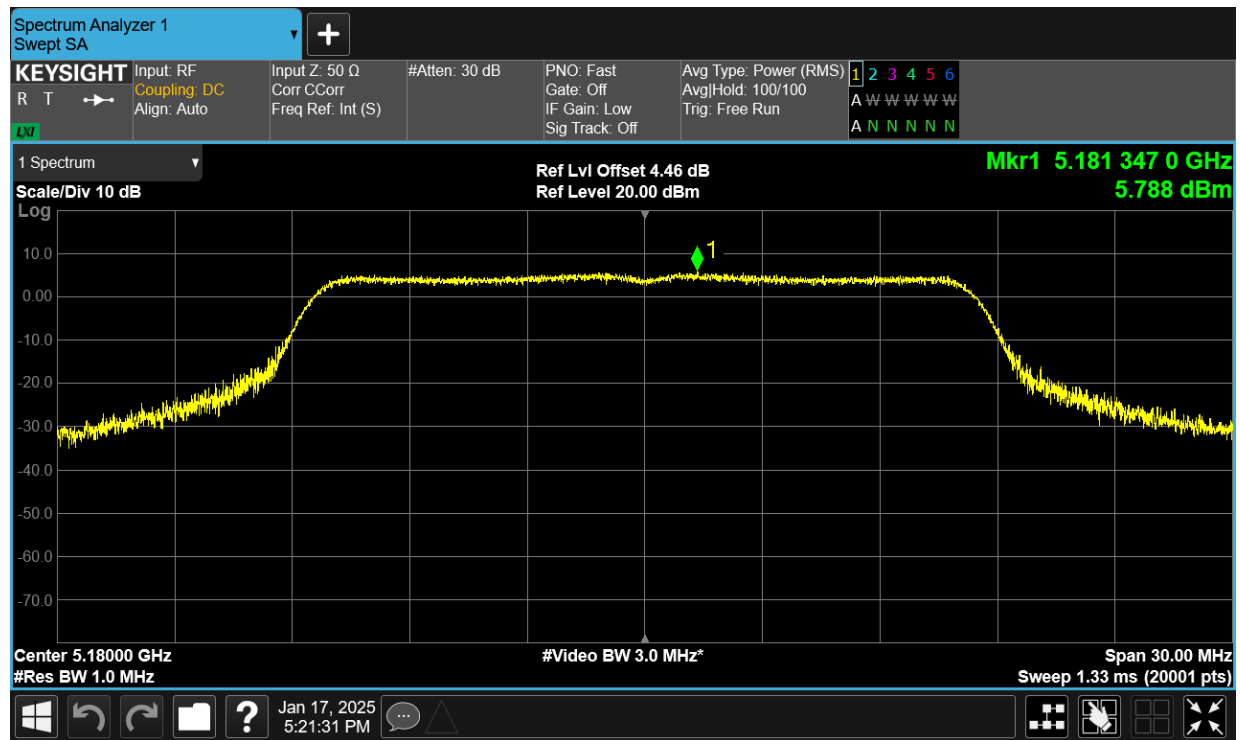


Maximum Power Spectral Density Level

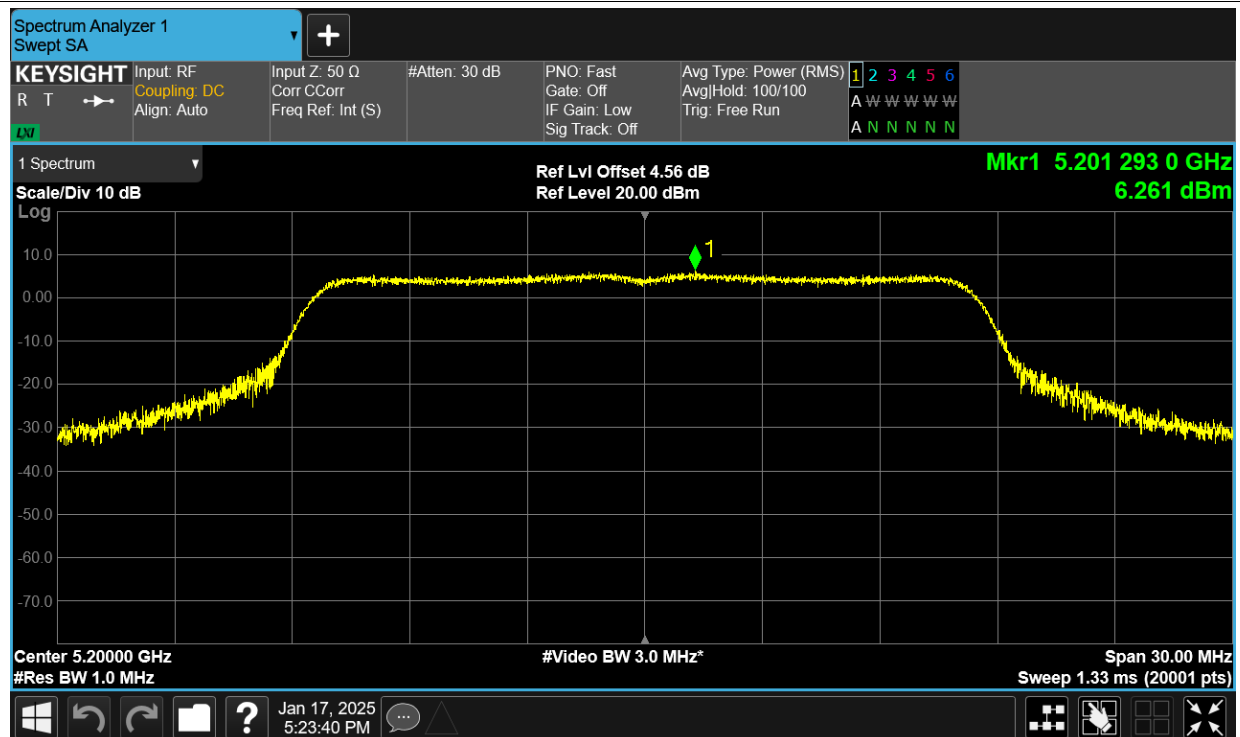
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	5.788	11	Pass
NVNT	a	5200	Ant0	6.261	11	Pass
NVNT	a	5240	Ant0	6.25	11	Pass
NVNT	ac20	5180	Ant0	4.233	11	Pass
NVNT	ac20	5200	Ant0	4.918	11	Pass
NVNT	ac20	5240	Ant0	5.127	11	Pass
NVNT	ac40	5190	Ant0	2.591	11	Pass
NVNT	ac40	5230	Ant0	2.395	11	Pass
NVNT	ac80	5210	Ant0	-1.408	11	Pass
NVNT	ax20	5180	Ant0	3.382	11	Pass
NVNT	ax20	5200	Ant0	3.673	11	Pass
NVNT	ax20	5240	Ant0	4.202	11	Pass
NVNT	ax40	5190	Ant0	1.704	11	Pass
NVNT	ax40	5230	Ant0	1.672	11	Pass
NVNT	ax80	5210	Ant0	-1.592	11	Pass
NVNT	n20	5180	Ant0	4.911	11	Pass
NVNT	n20	5200	Ant0	4.98	11	Pass
NVNT	n20	5240	Ant0	5.181	11	Pass
NVNT	n40	5190	Ant0	2.482	11	Pass
NVNT	n40	5230	Ant0	2.448	11	Pass

Test Graphs

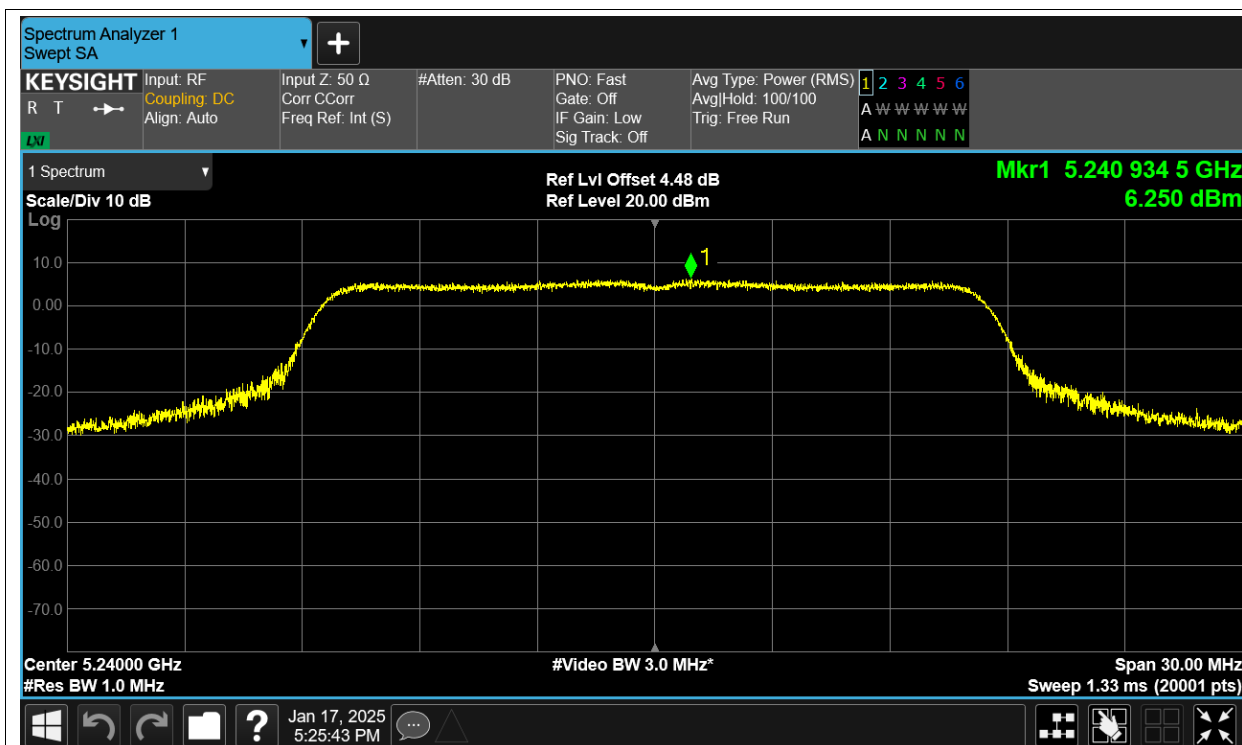
PSD NVNT a 5180MHz Ant0



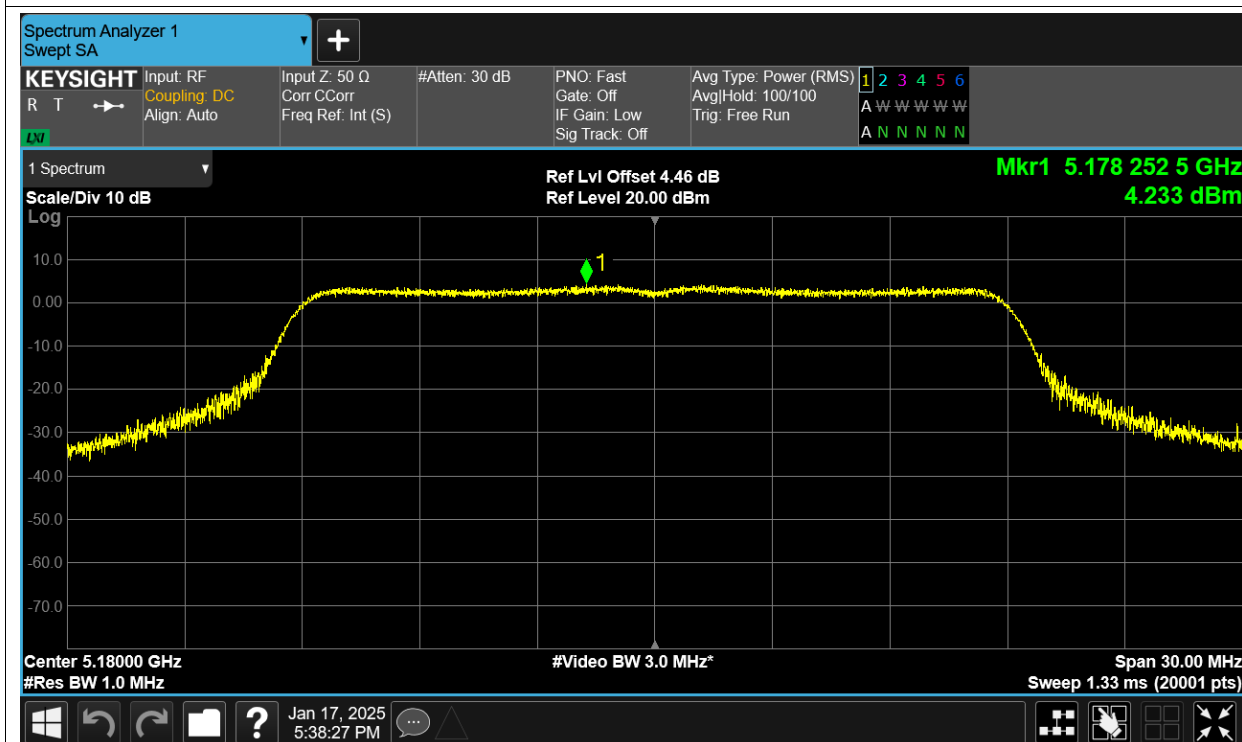
PSD NVNT a 5200MHz Ant0



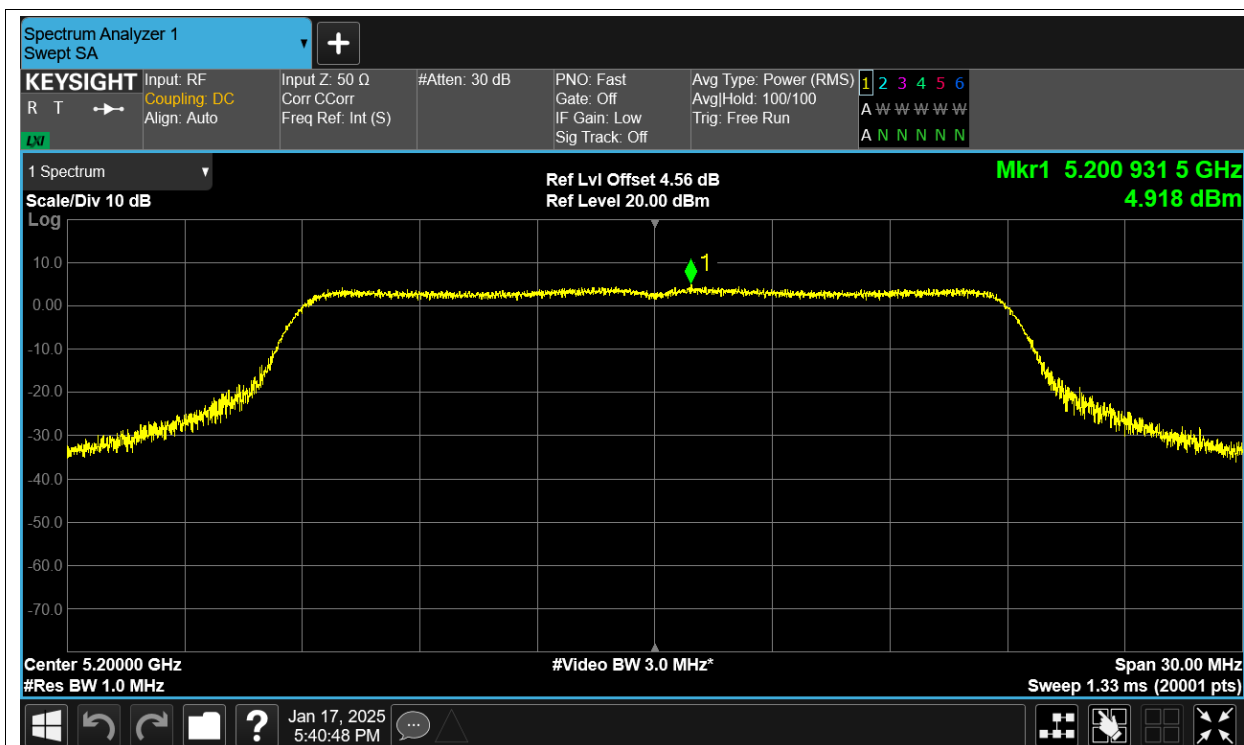
PSD NVNT a 5240MHz Ant0



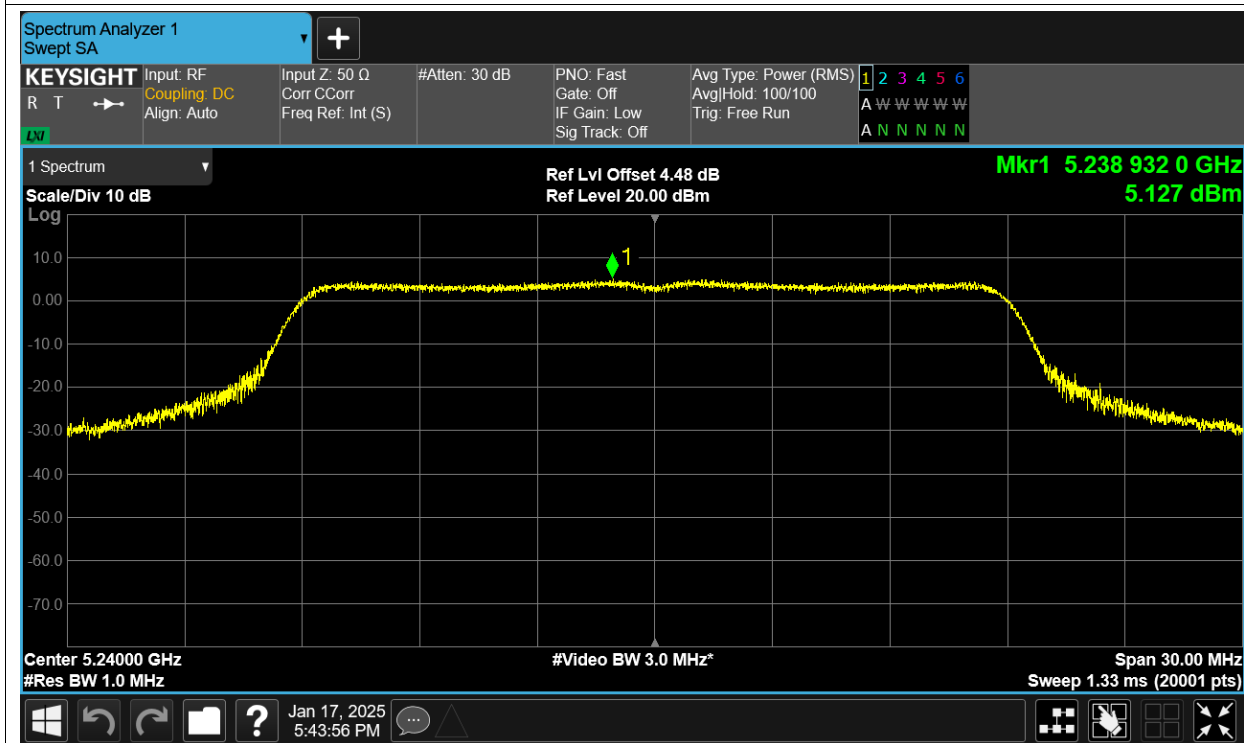
PSD NVNT ac20 5180MHz Ant0



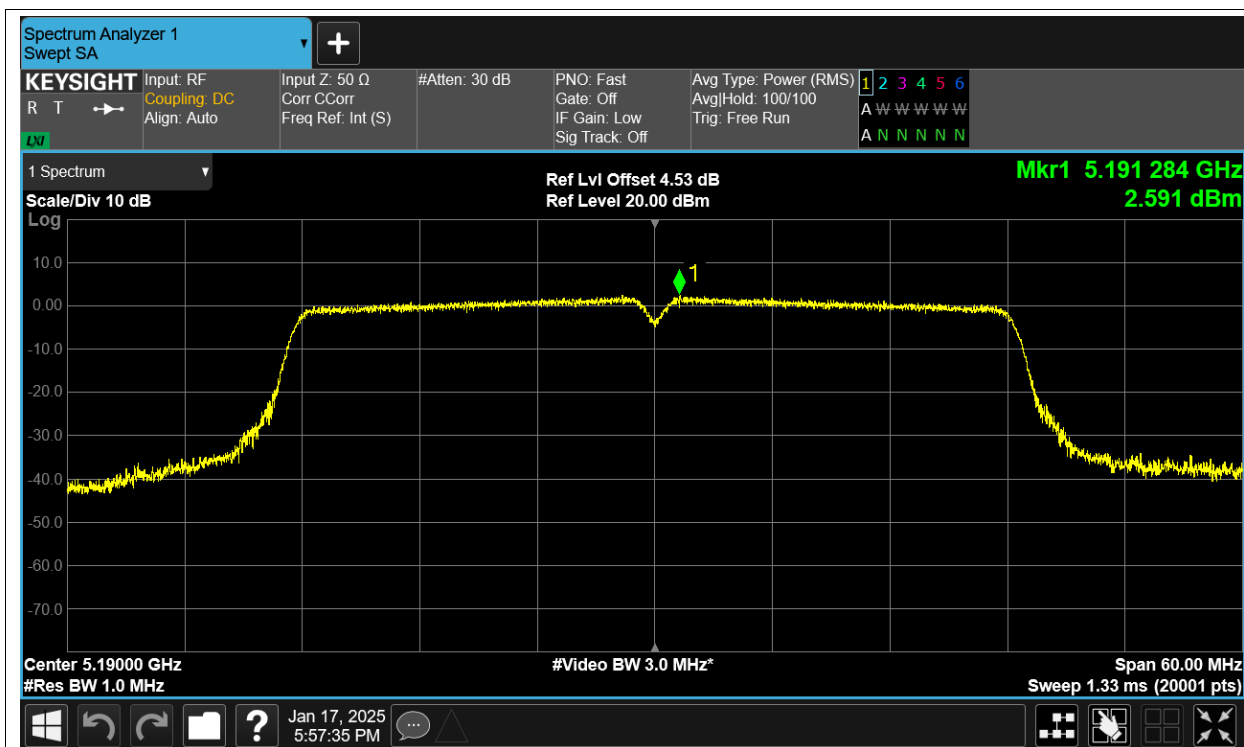
PSD NVNT ac20 5200MHz Ant0



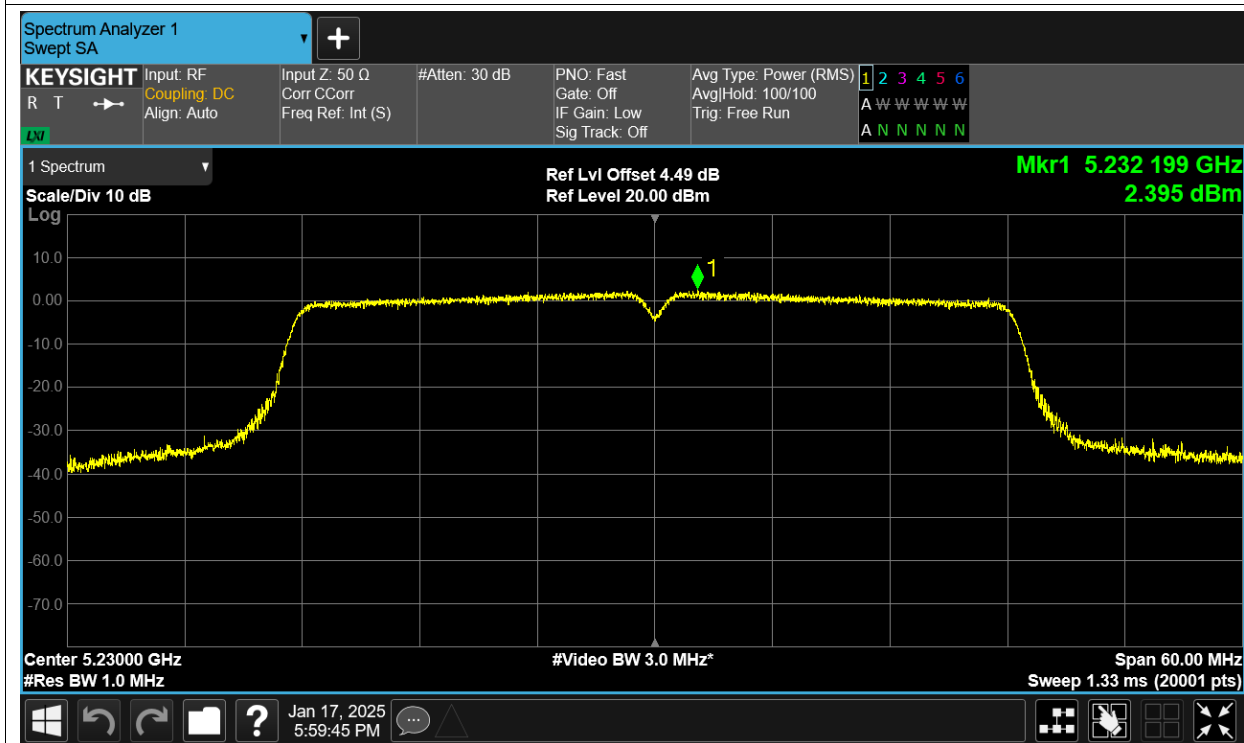
PSD NVNT ac20 5240MHz Ant0



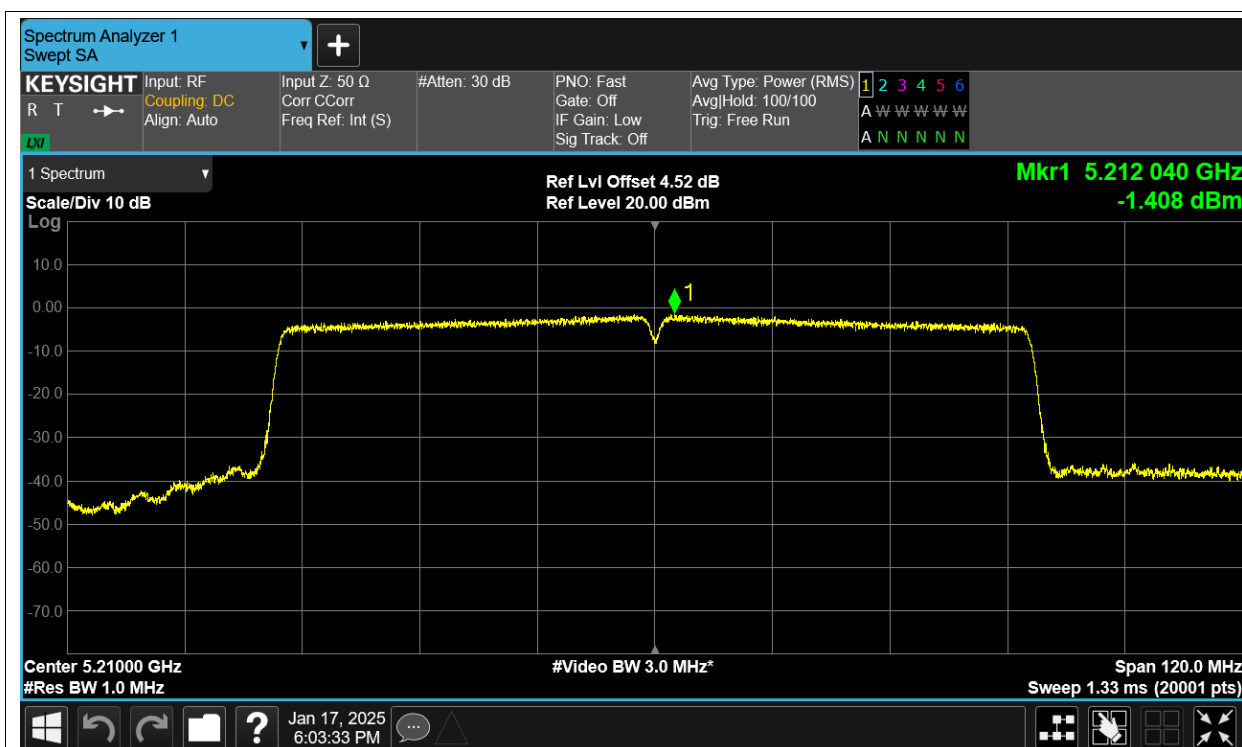
PSD NVNT ac40 5190MHz Ant0



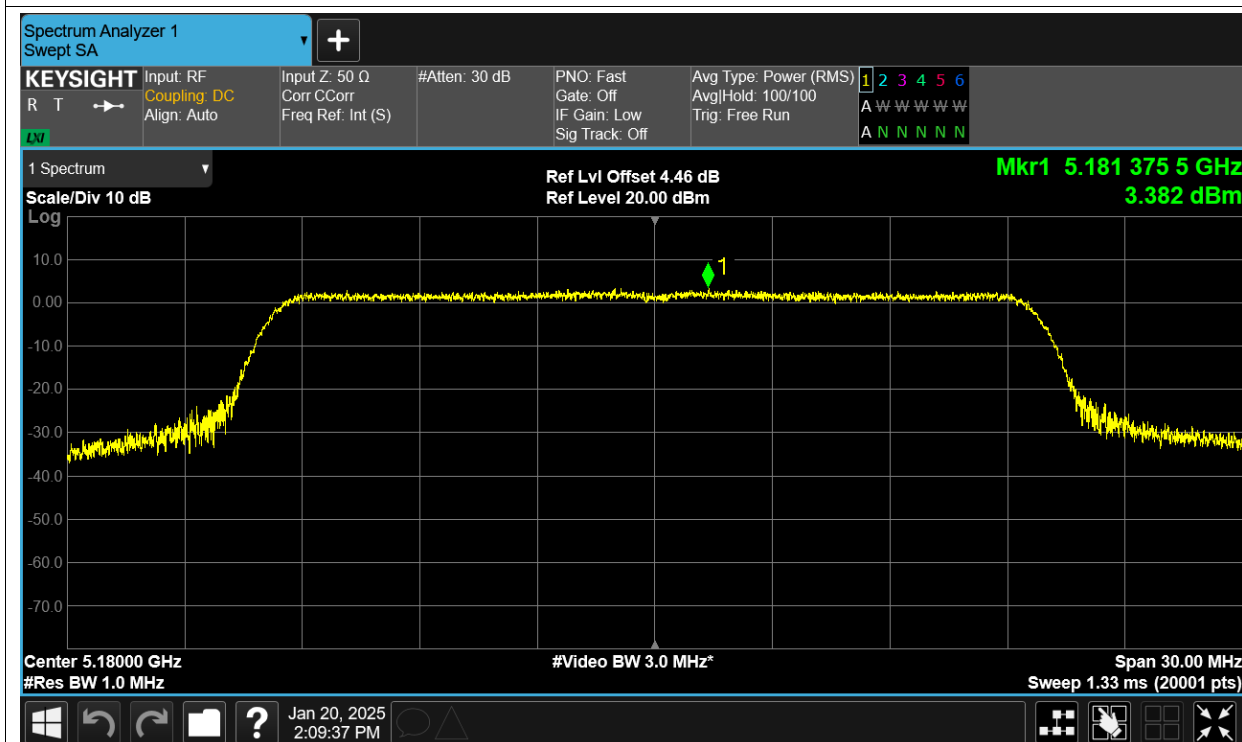
PSD NVNT ac40 5230MHz Ant0



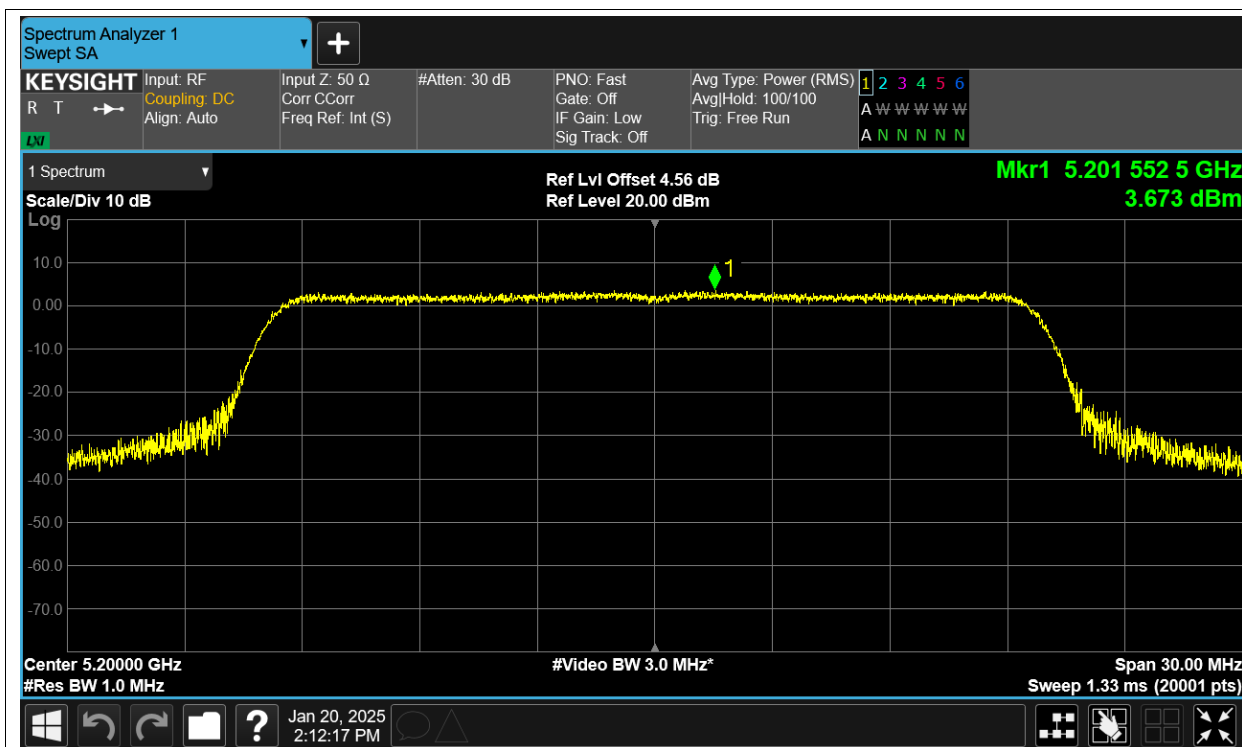
PSD NVNT ac80 5210MHz Ant0



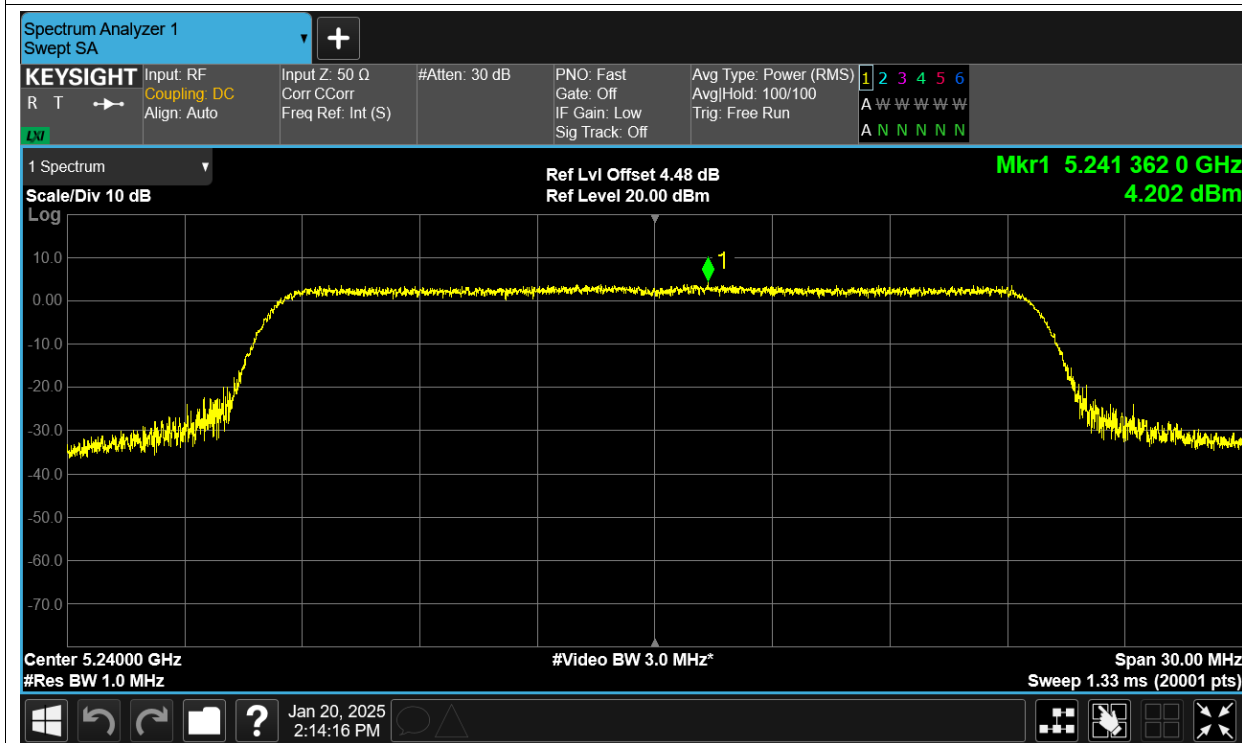
PSD NVNT ax20 5180MHz Ant0



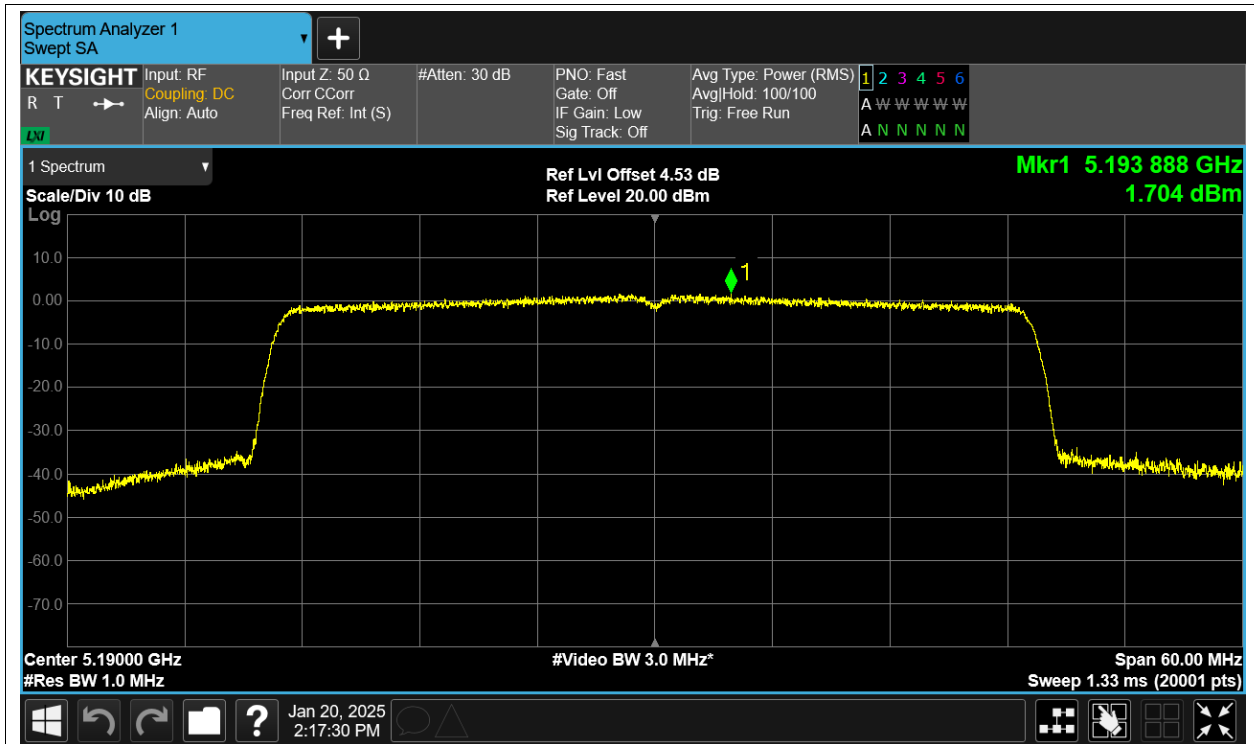
PSD NVNT ax20 5200MHz Ant0



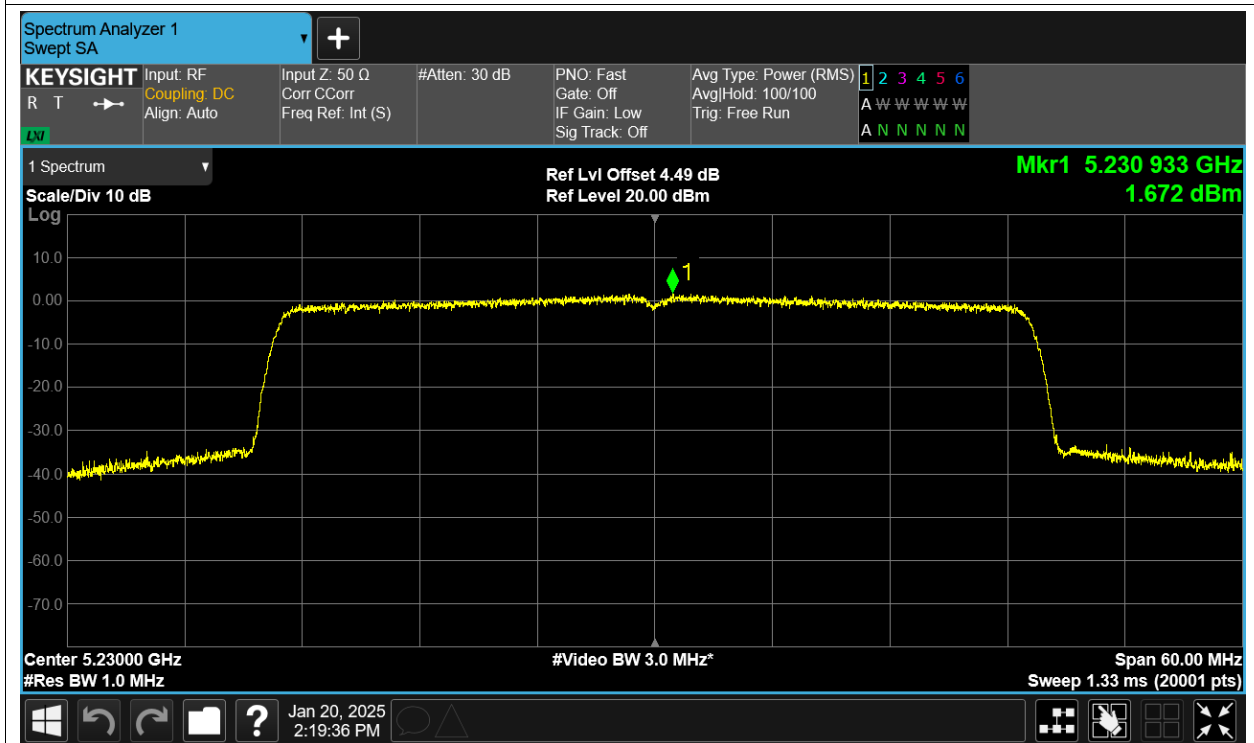
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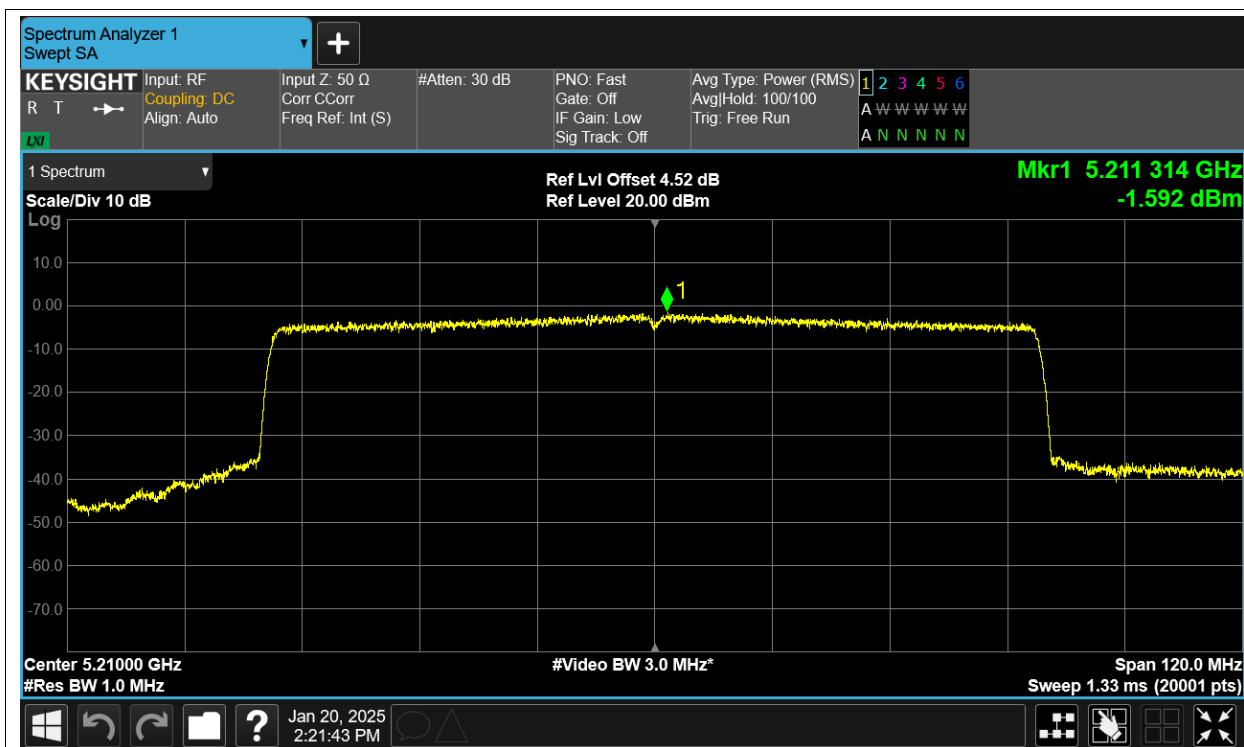
PSD NVNT ax40 5190MHz Ant0



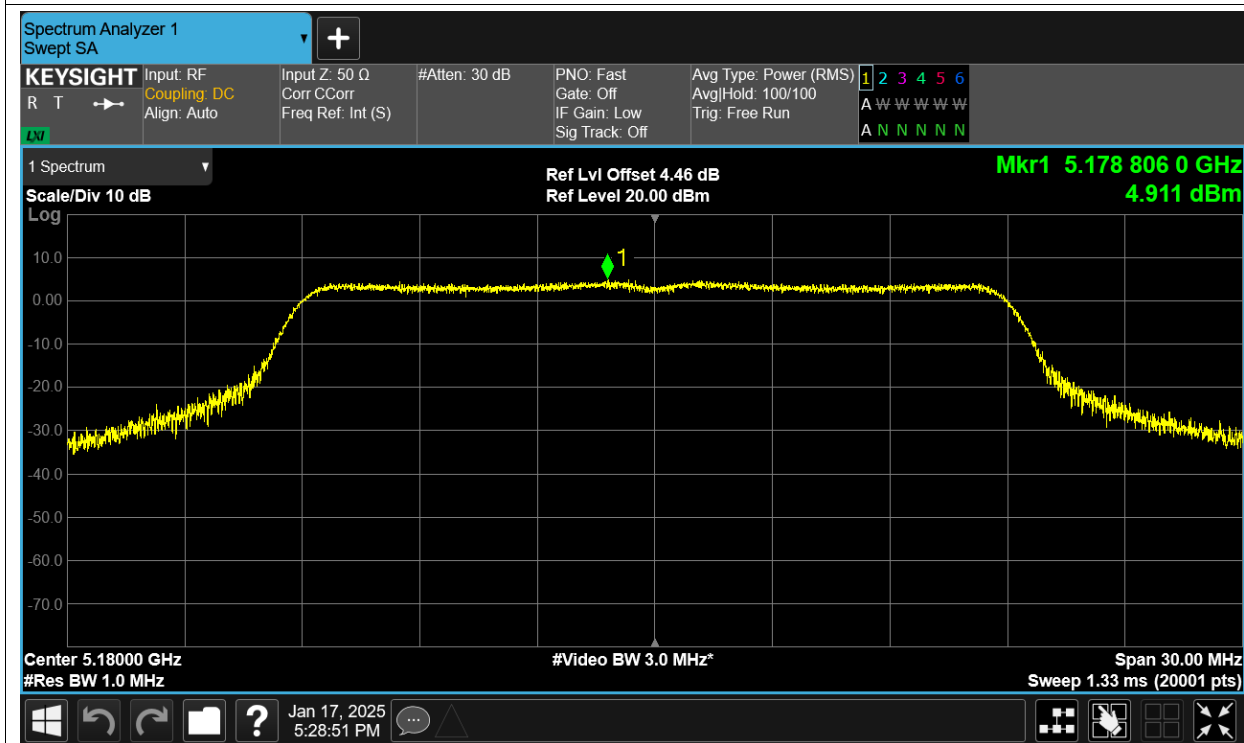
PSD NVNT ax40 5230MHz Ant0



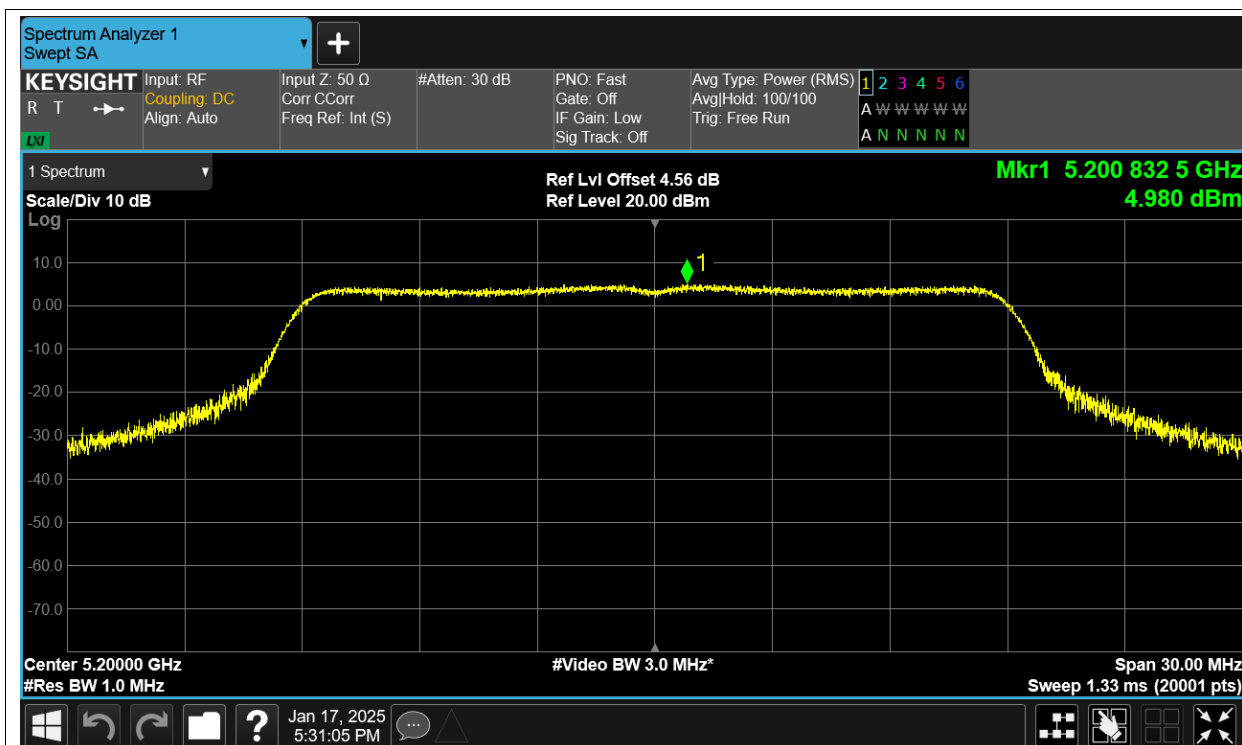
PSD NVNT ax80 5210MHz Ant0



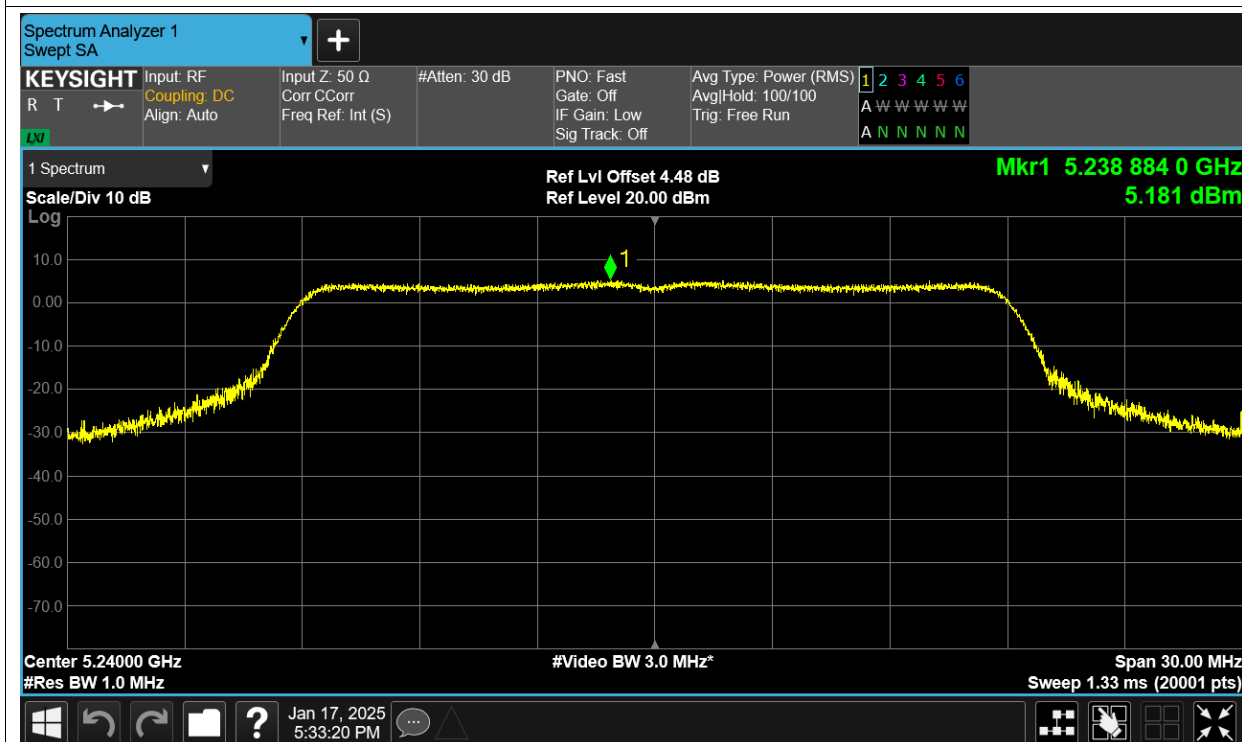
PSD NVNT n20 5180MHz Ant0



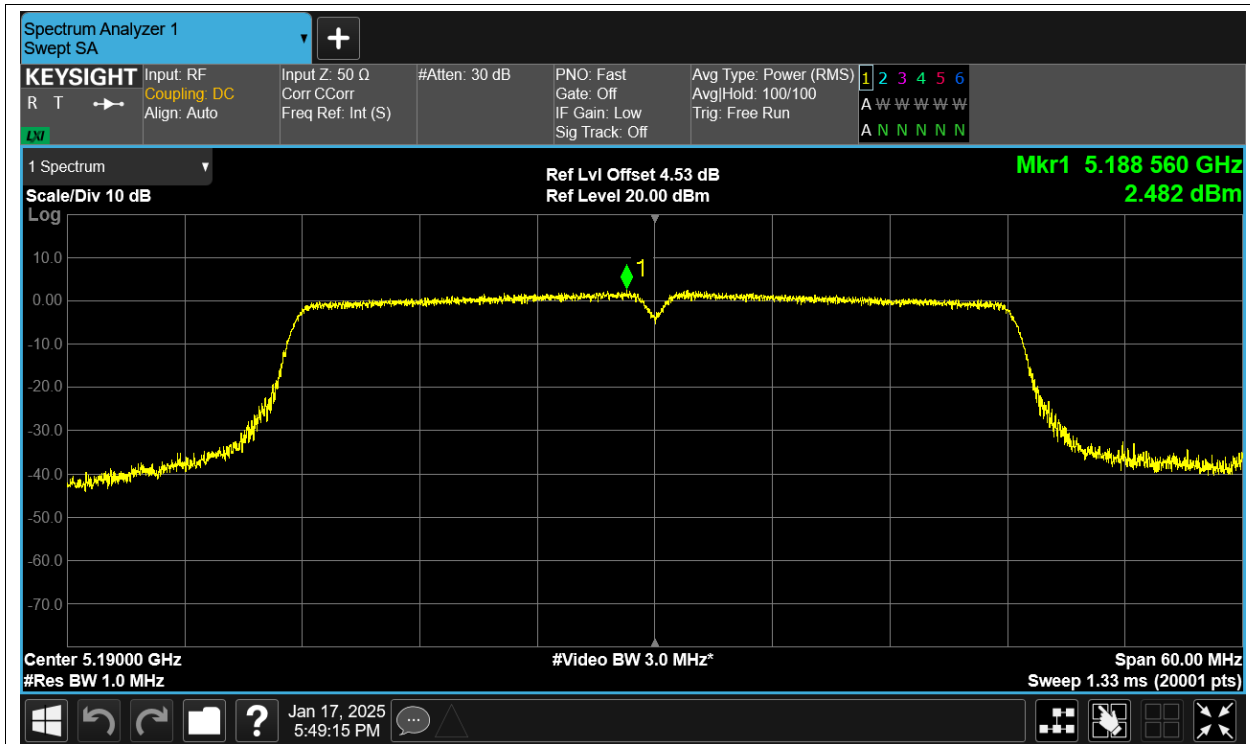
PSD NVNT n20 5200MHz Ant0



PSD NVNT n20 5240MHz Ant0



PSD NVNT n40 5190MHz Ant0



PSD NVNT n40 5230MHz Ant0

