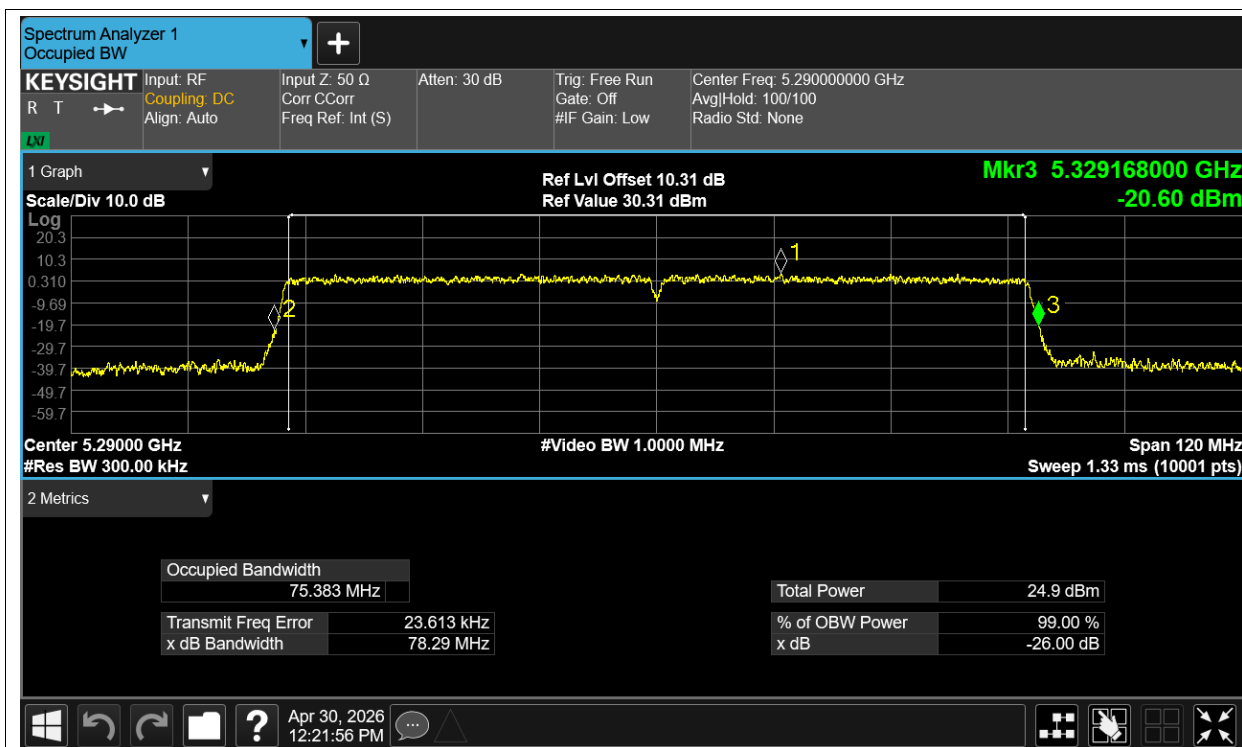
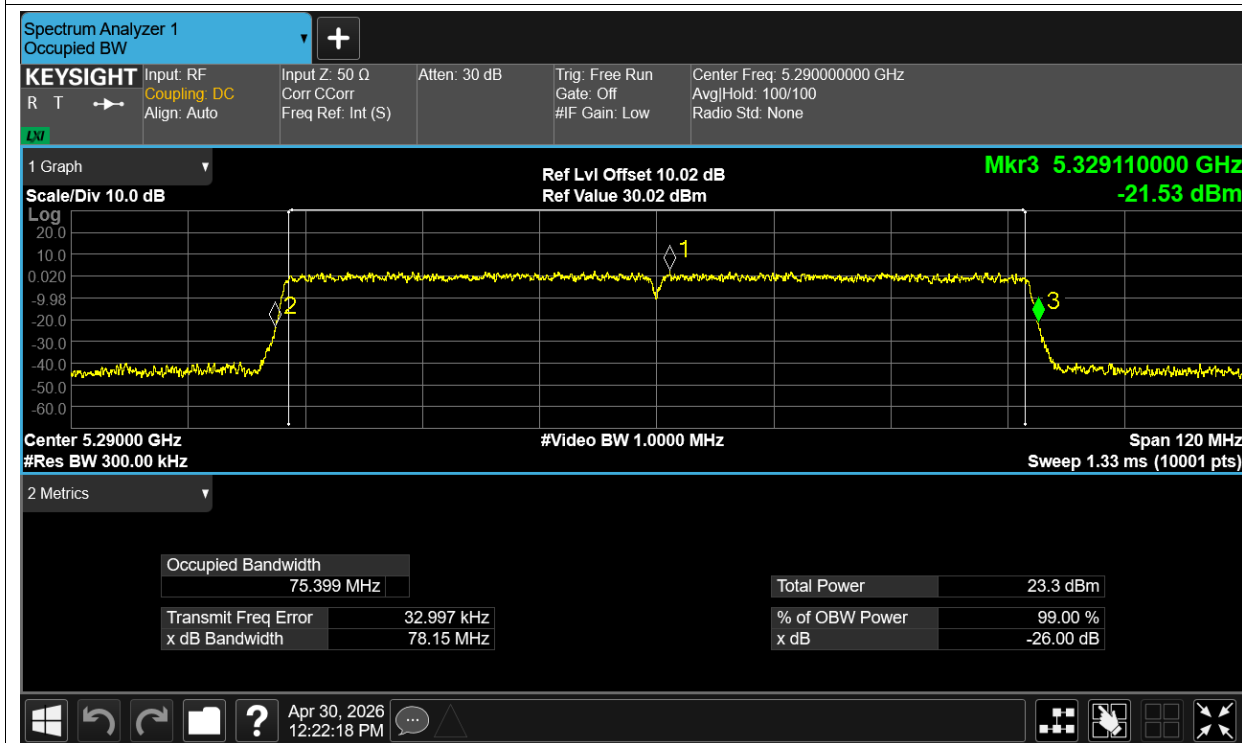
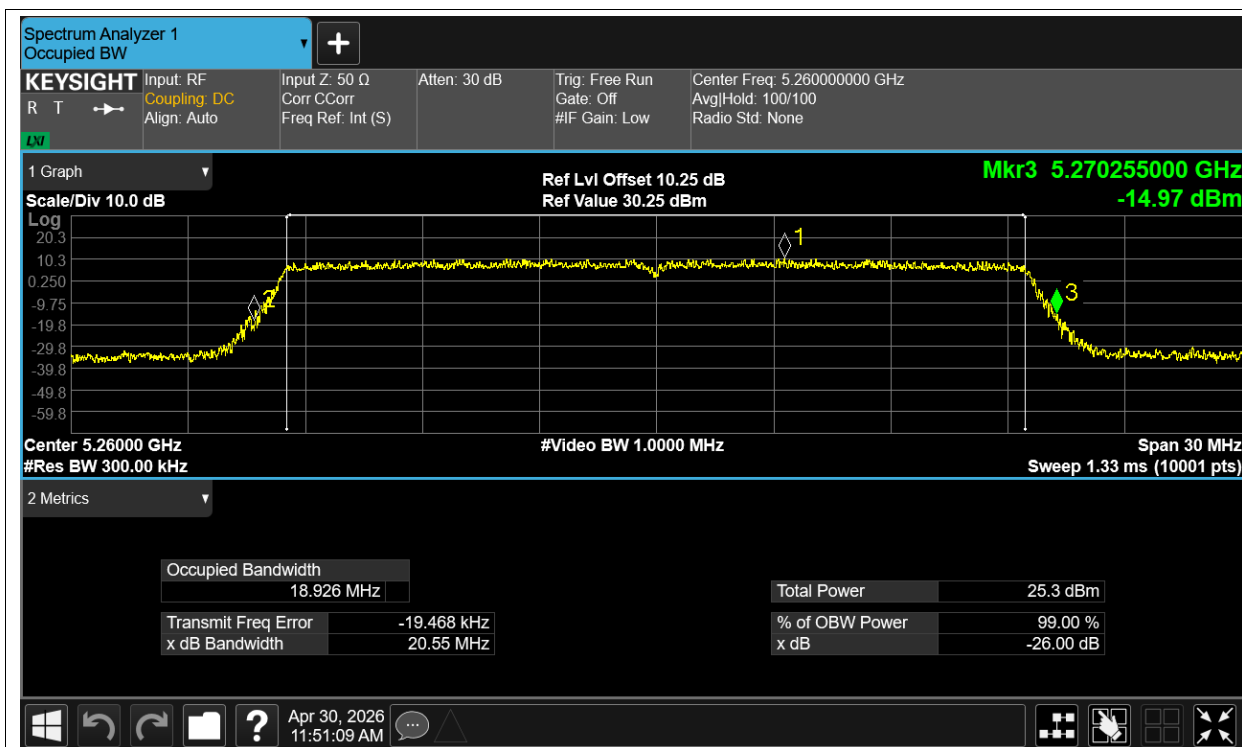




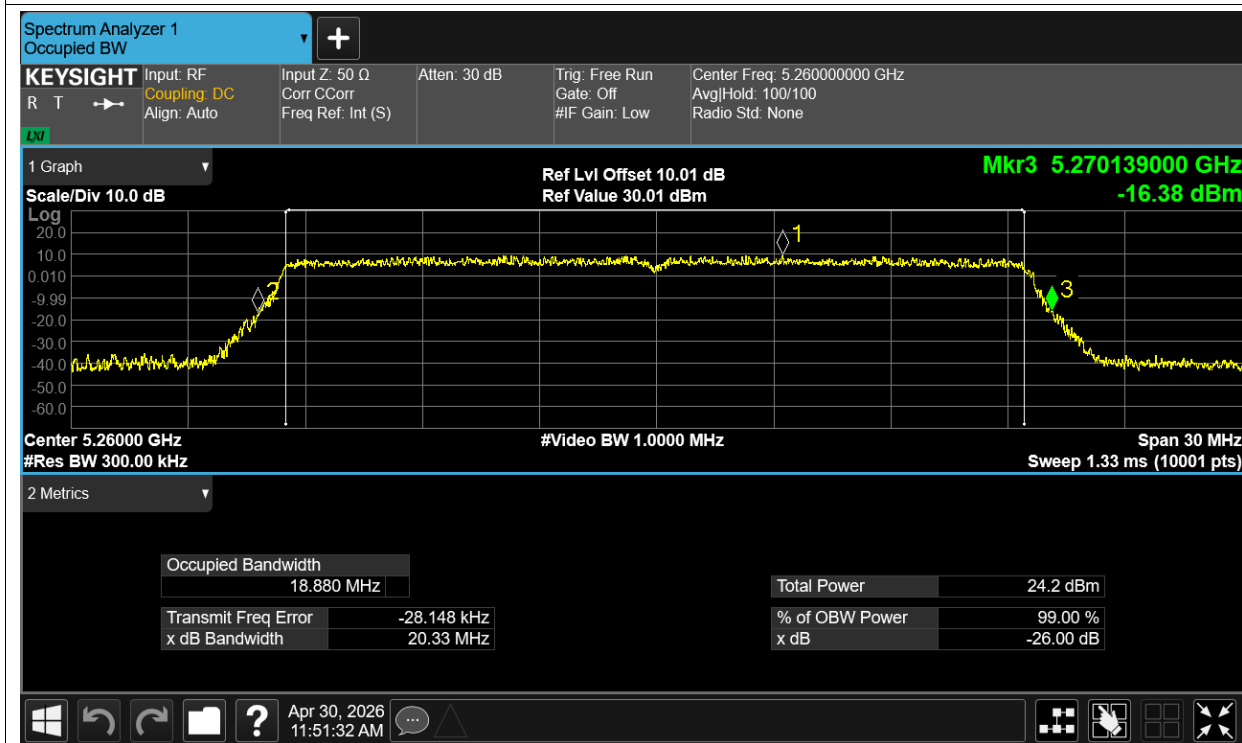
-26dB Bandwidth NVNT ac80 5290MHz Ant2



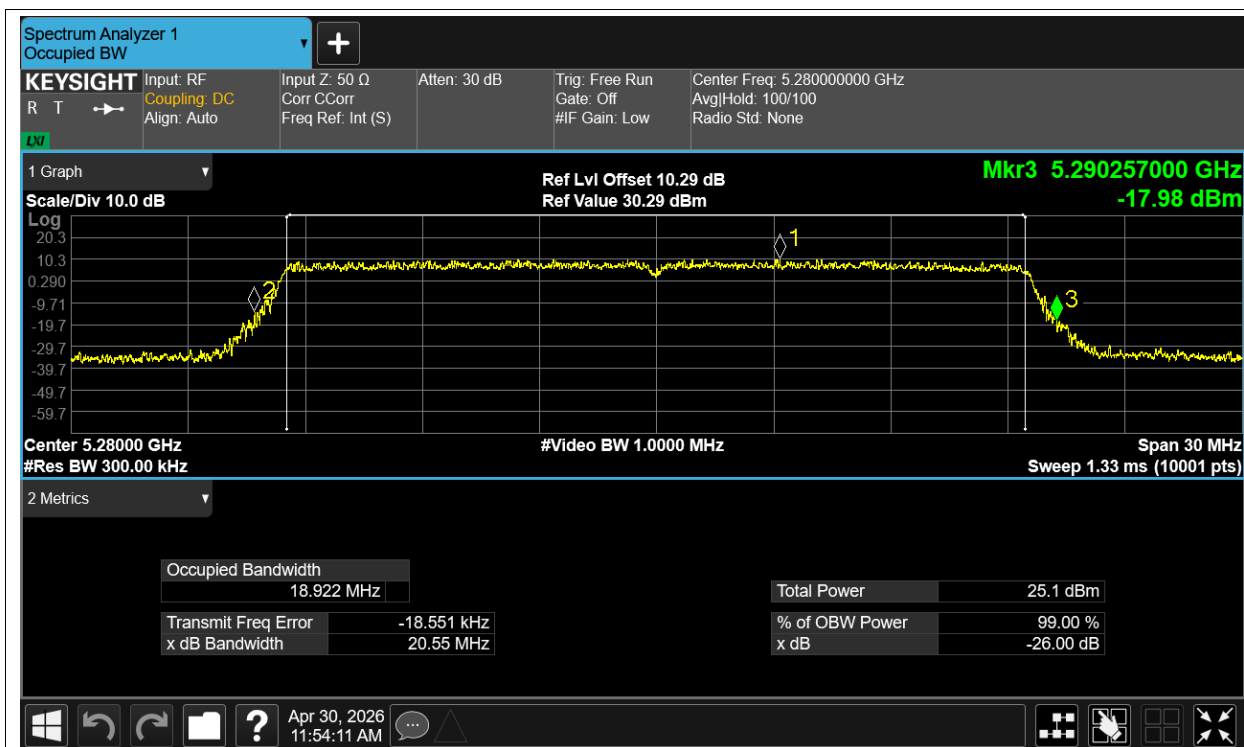
-26dB Bandwidth NVNT ax20 5260MHz Ant1



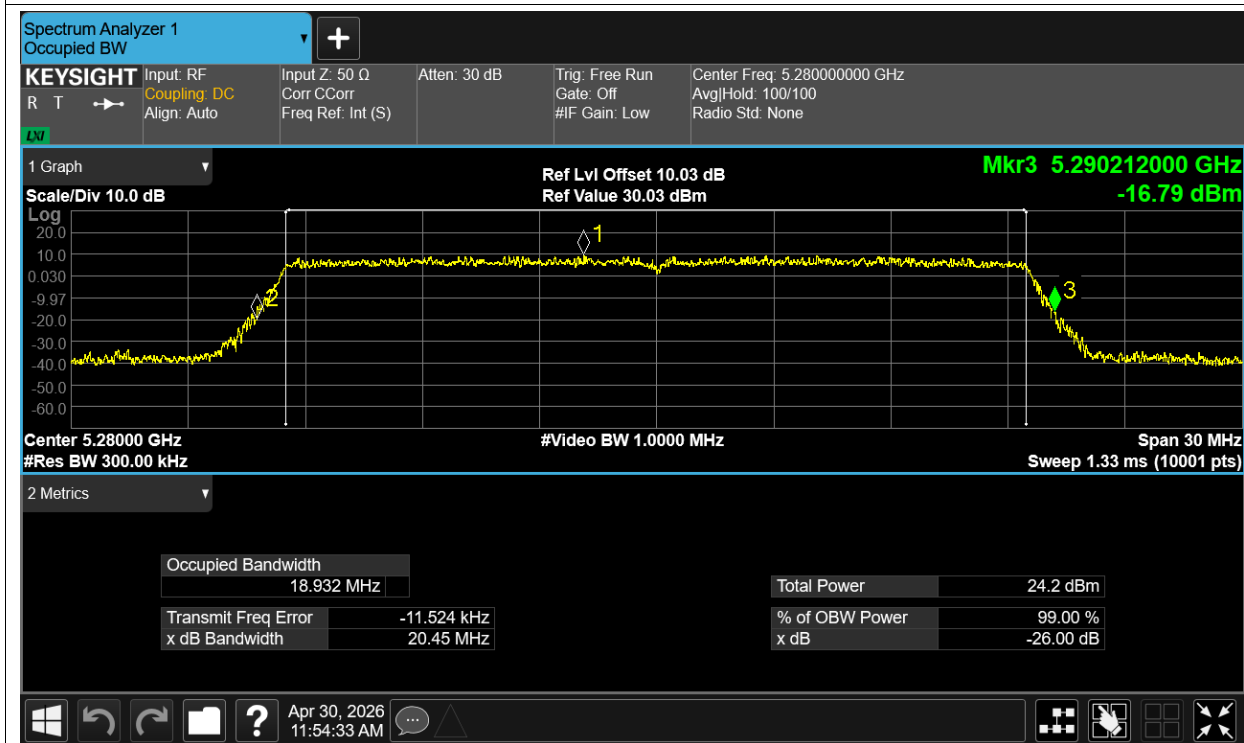
-26dB Bandwidth NVNT ax20 5260MHz Ant2



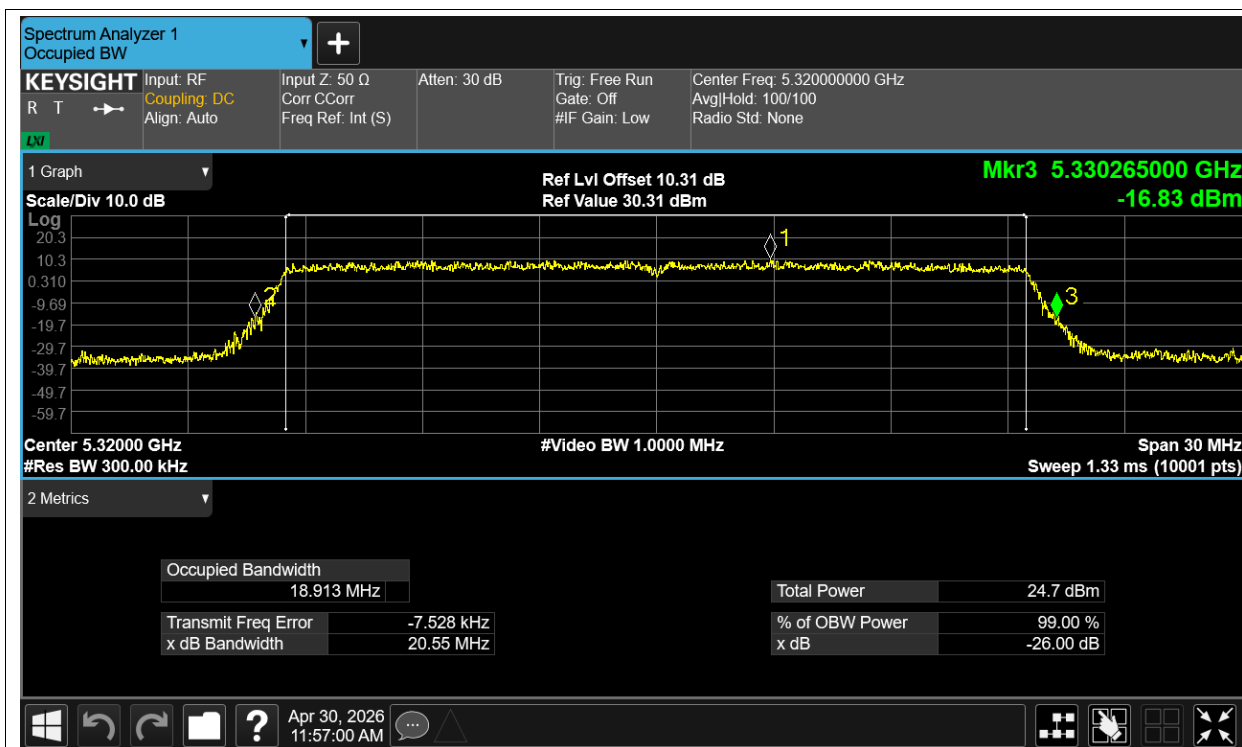
-26dB Bandwidth NVNT ax20 5280MHz Ant1



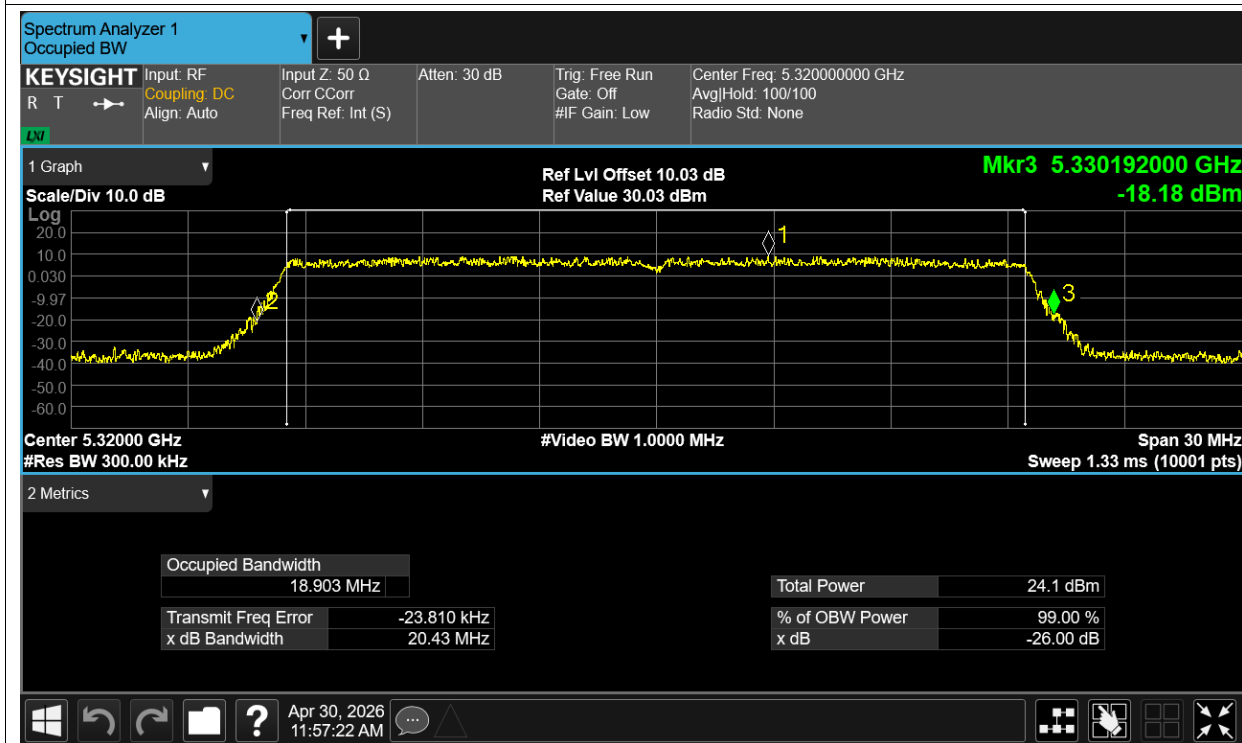
-26dB Bandwidth NVNT ax20 5280MHz Ant2



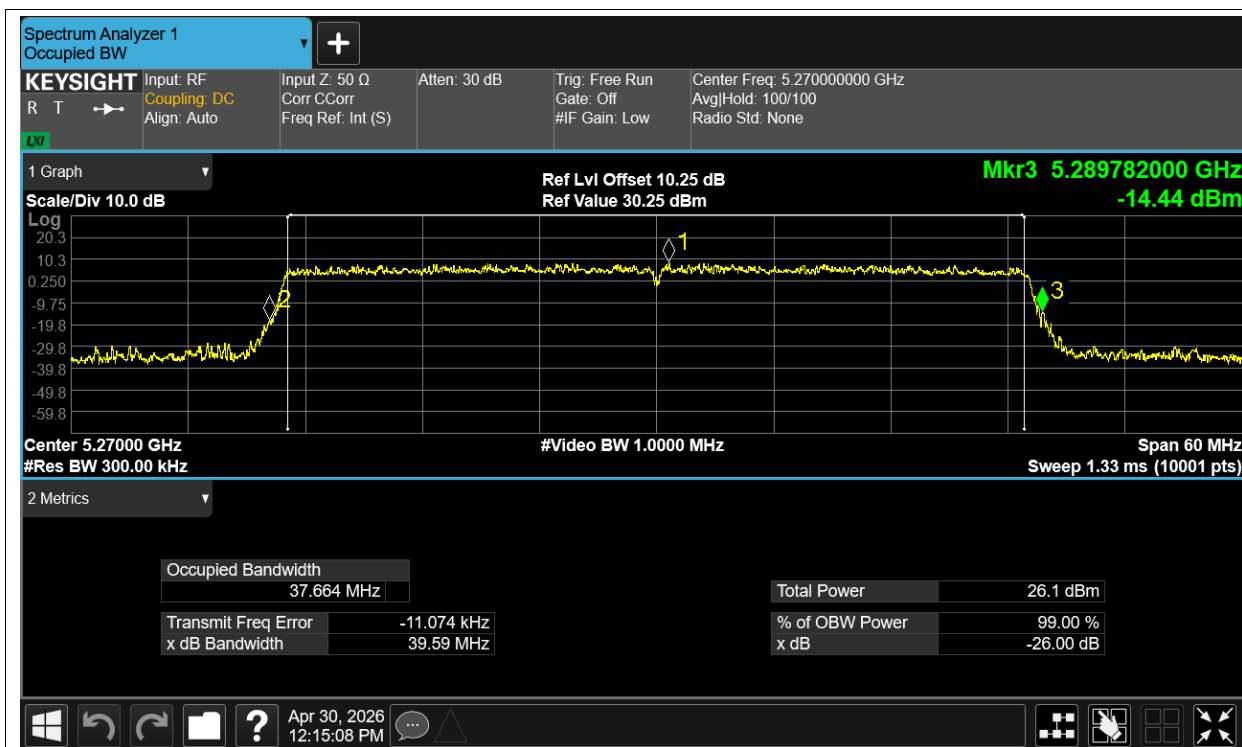
-26dB Bandwidth NVNT ax20 5320MHz Ant1



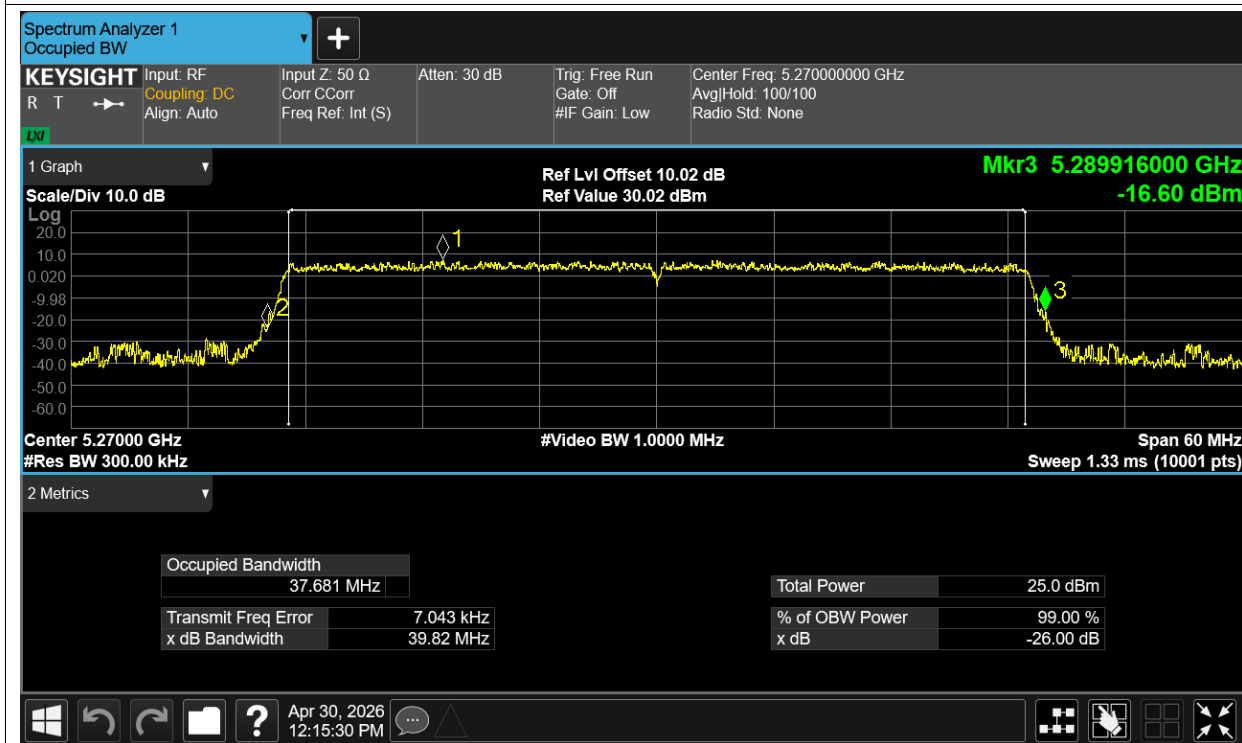
-26dB Bandwidth NVNT ax20 5320MHz Ant2



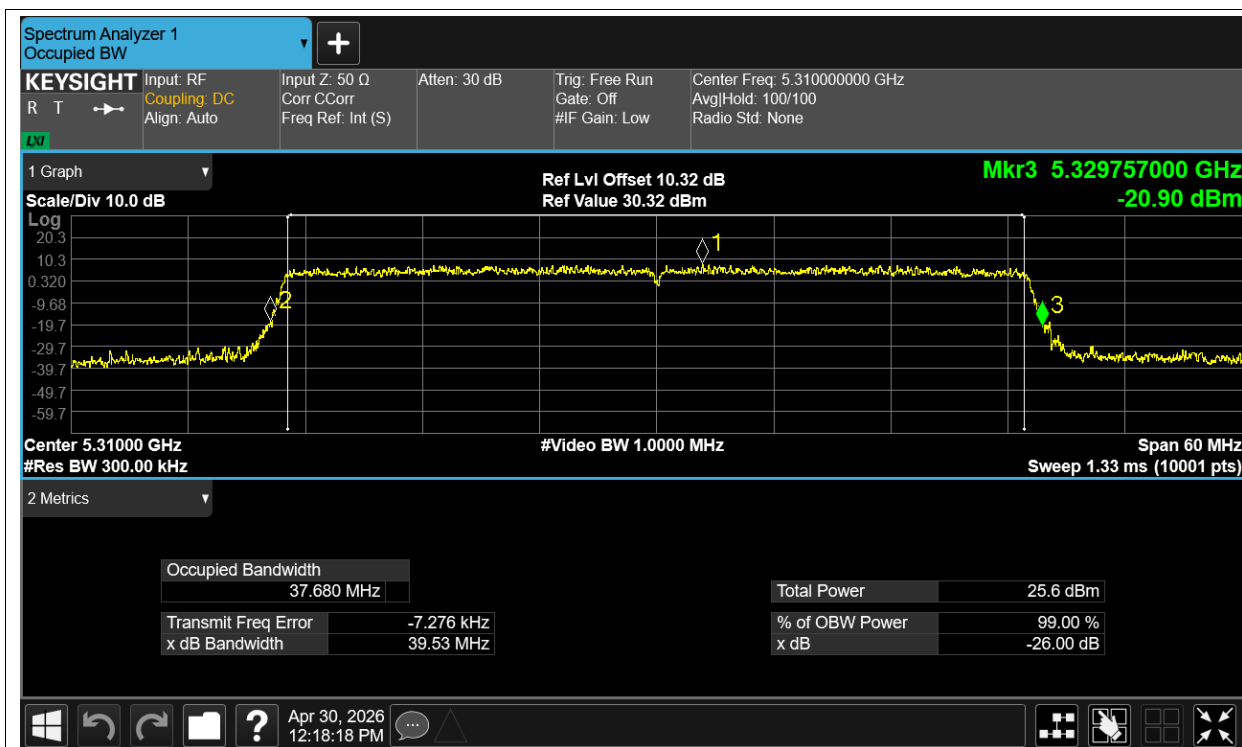
-26dB Bandwidth NVNT ax40 5270MHz Ant1



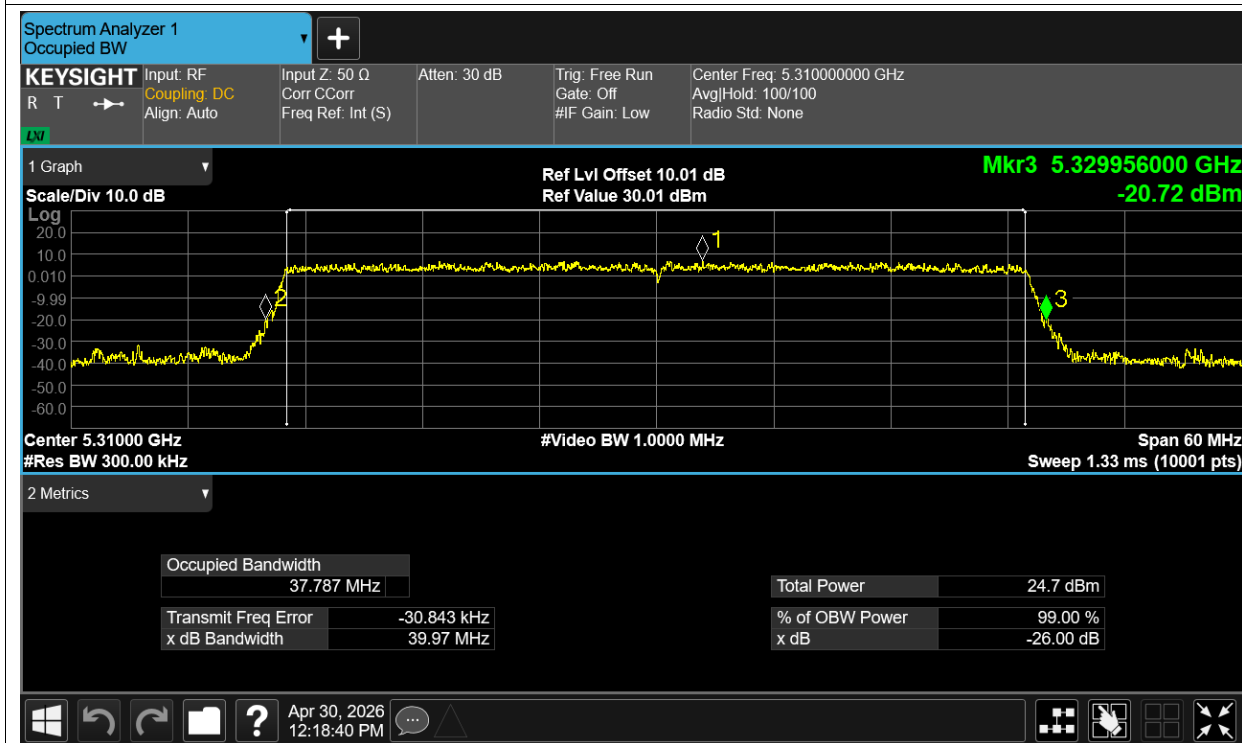
-26dB Bandwidth NVNT ax40 5270MHz Ant2



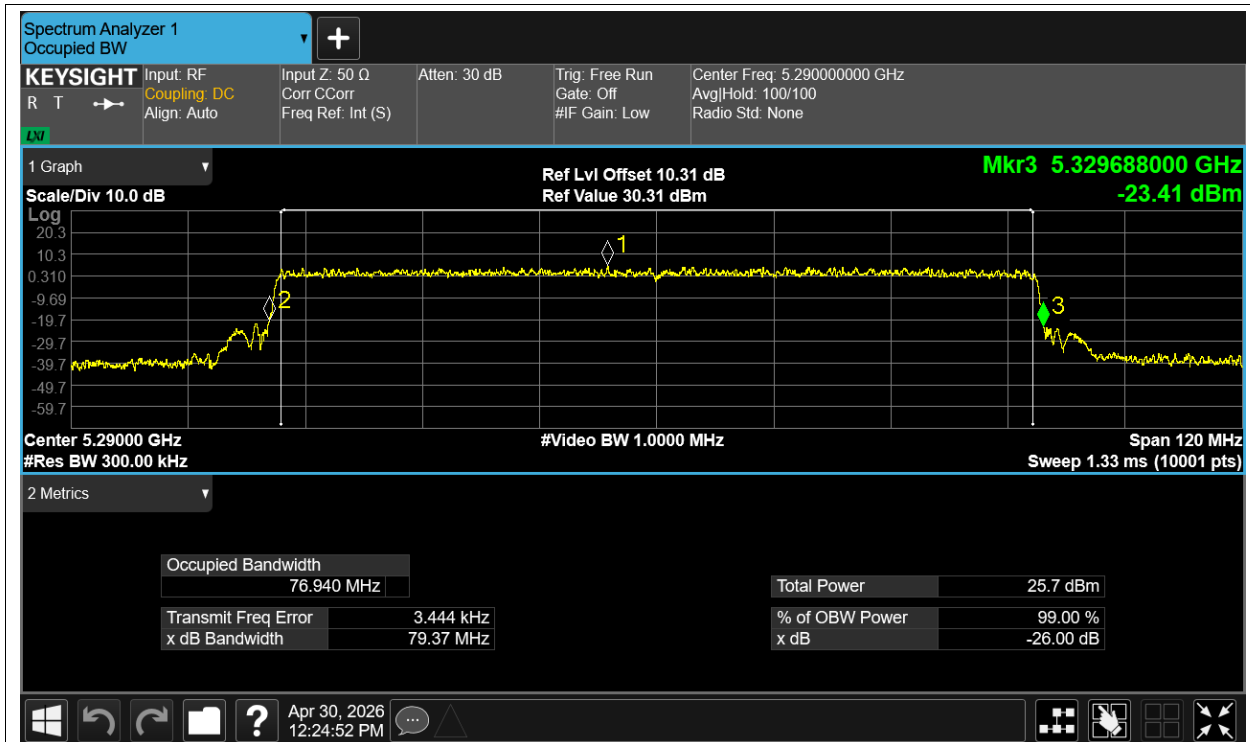
-26dB Bandwidth NVNT ax40 5310MHz Ant1



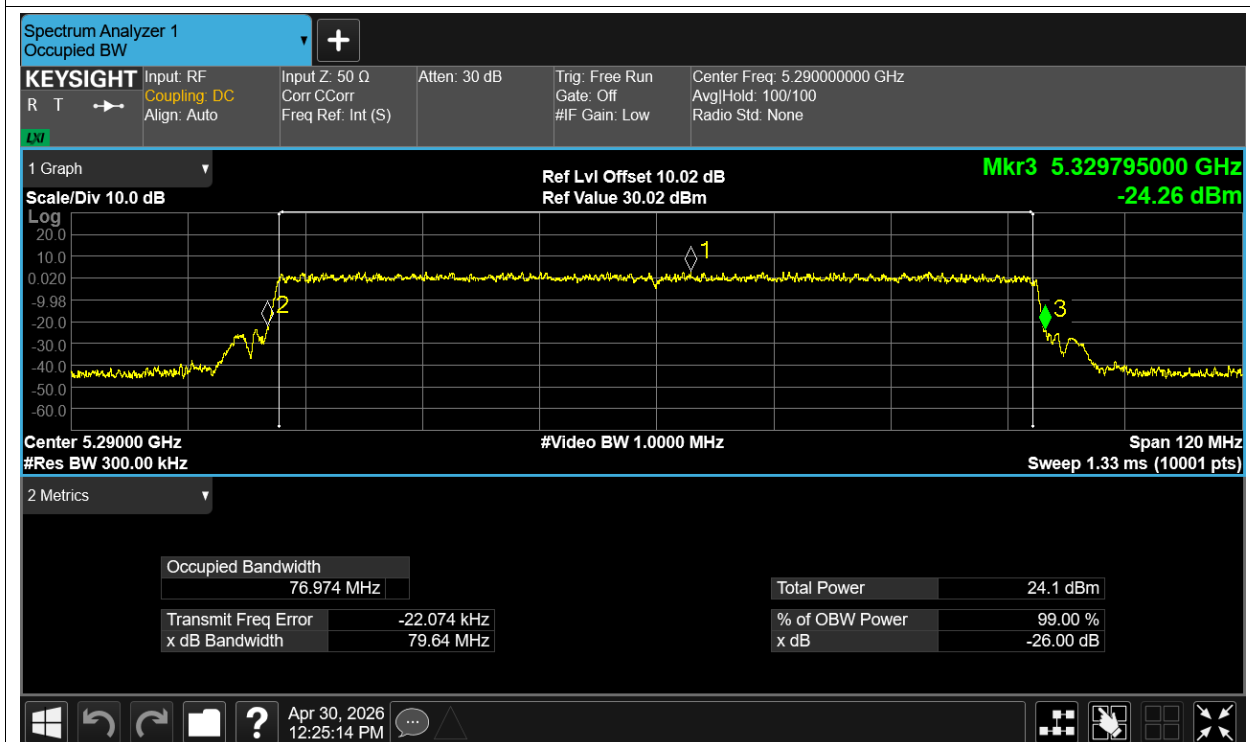
-26dB Bandwidth NVNT ax40 5310MHz Ant2



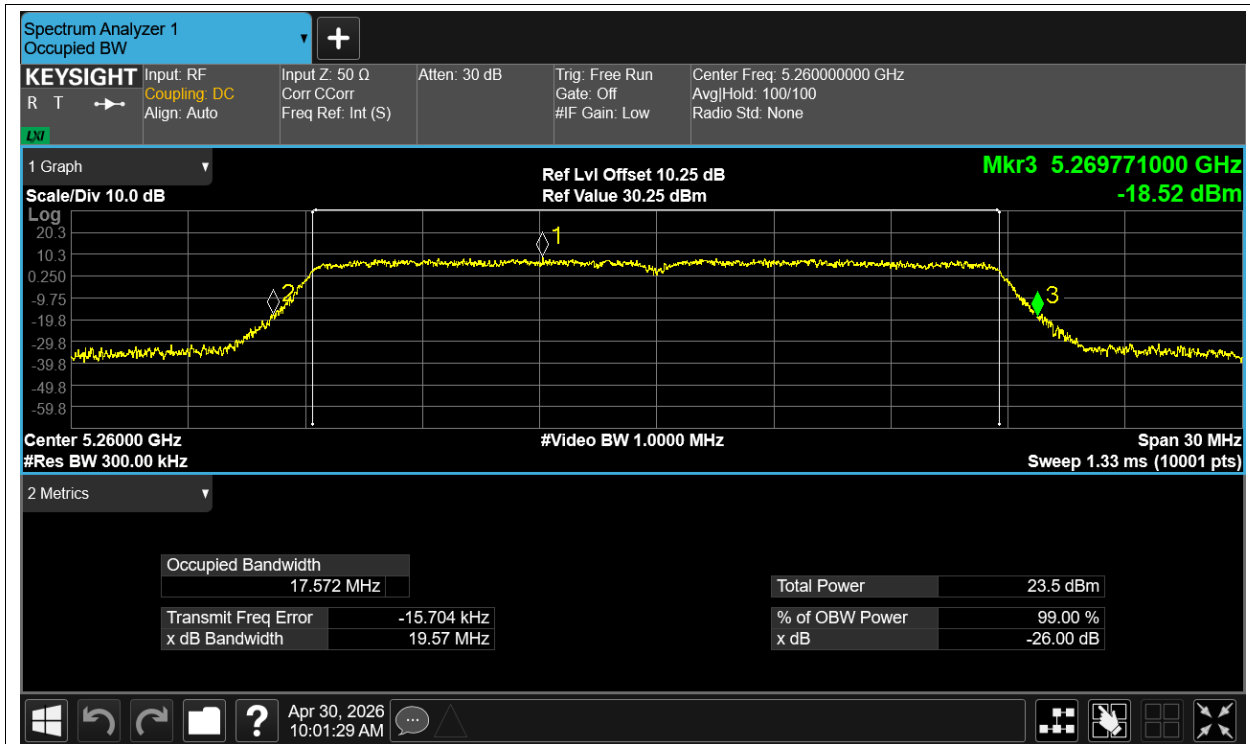
-26dB Bandwidth NVNT ax80 5290MHz Ant1



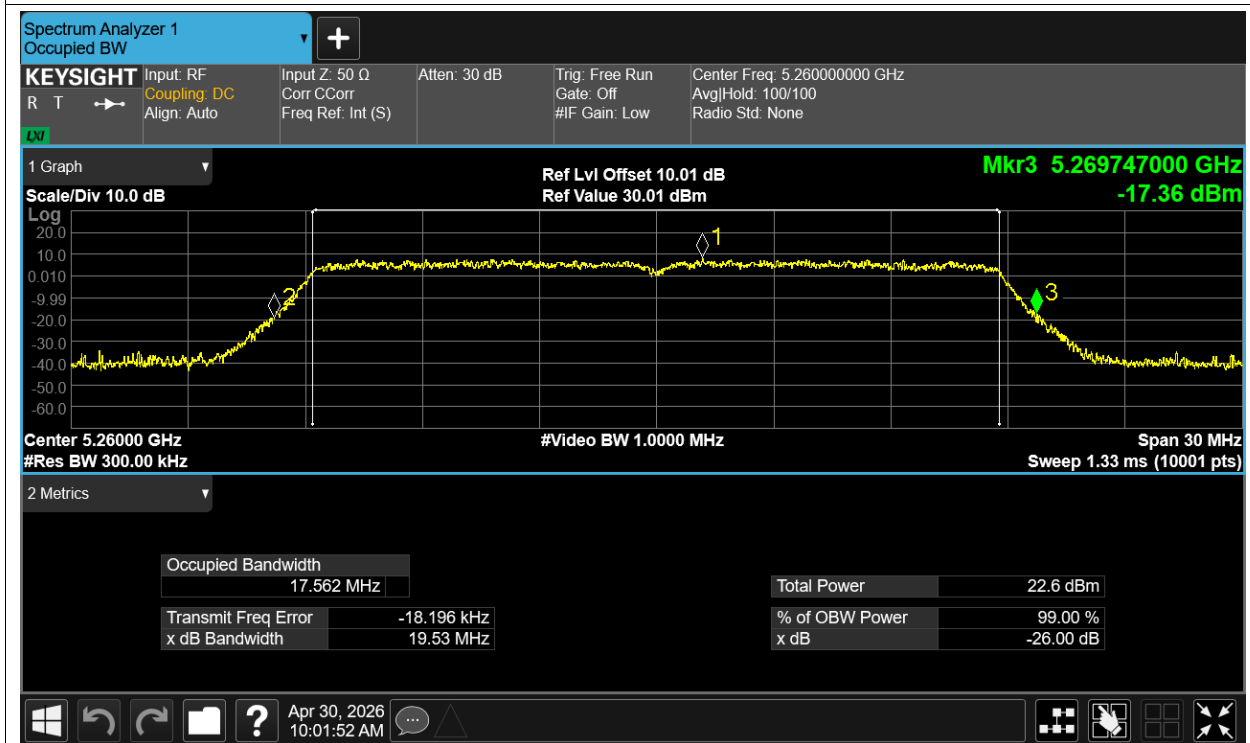
-26dB Bandwidth NVNT ax80 5290MHz Ant2



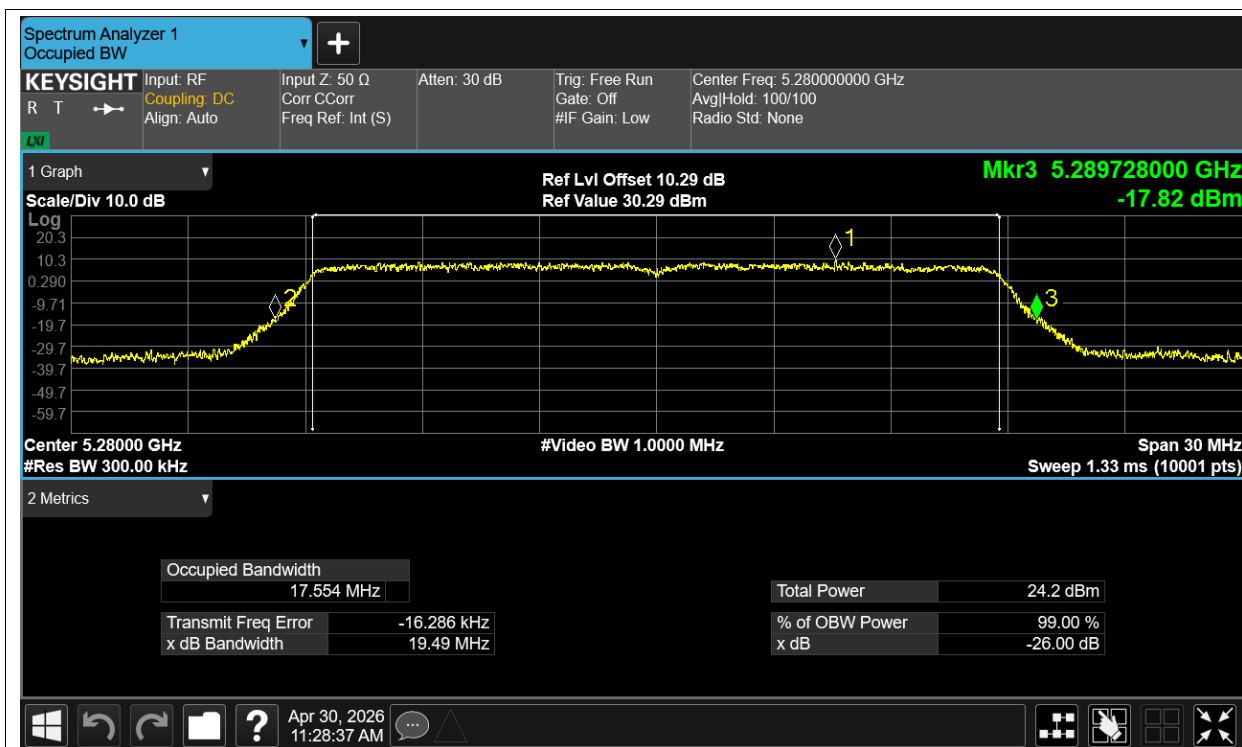
-26dB Bandwidth NVNT n20 5260MHz Ant1



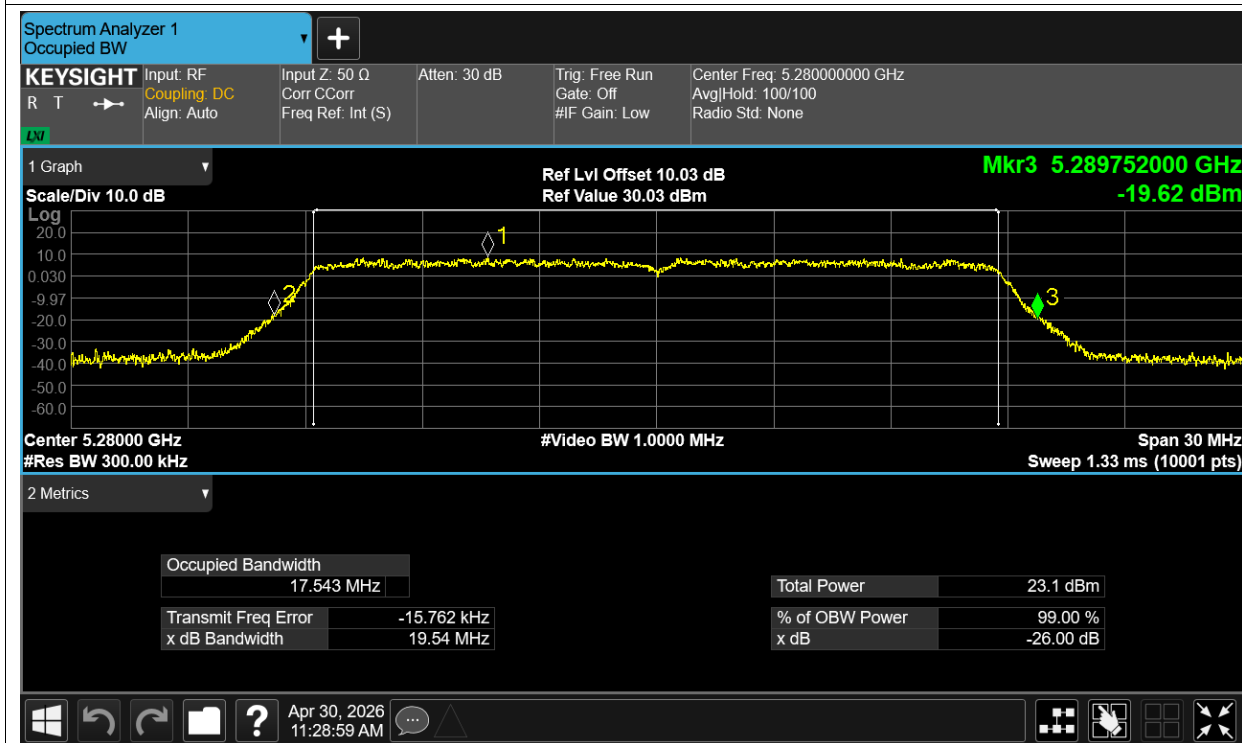
-26dB Bandwidth NVNT n20 5260MHz Ant2



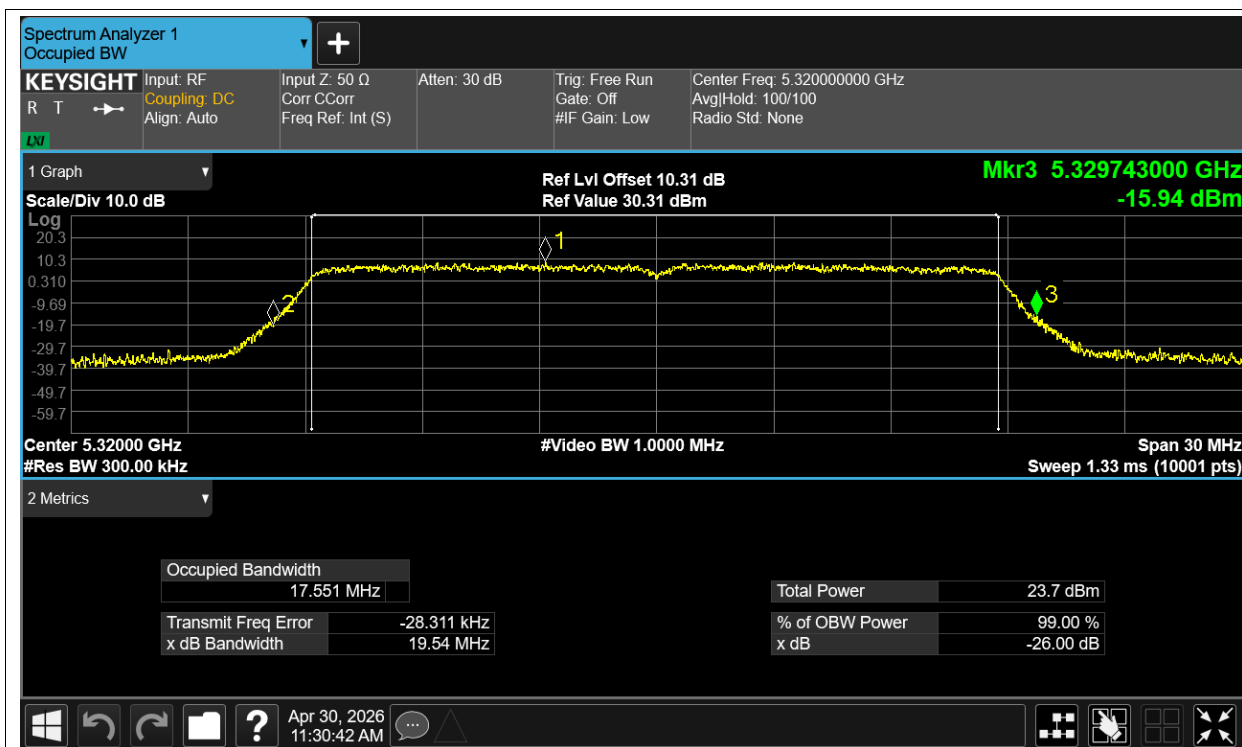
-26dB Bandwidth NVNT n20 5280MHz Ant1



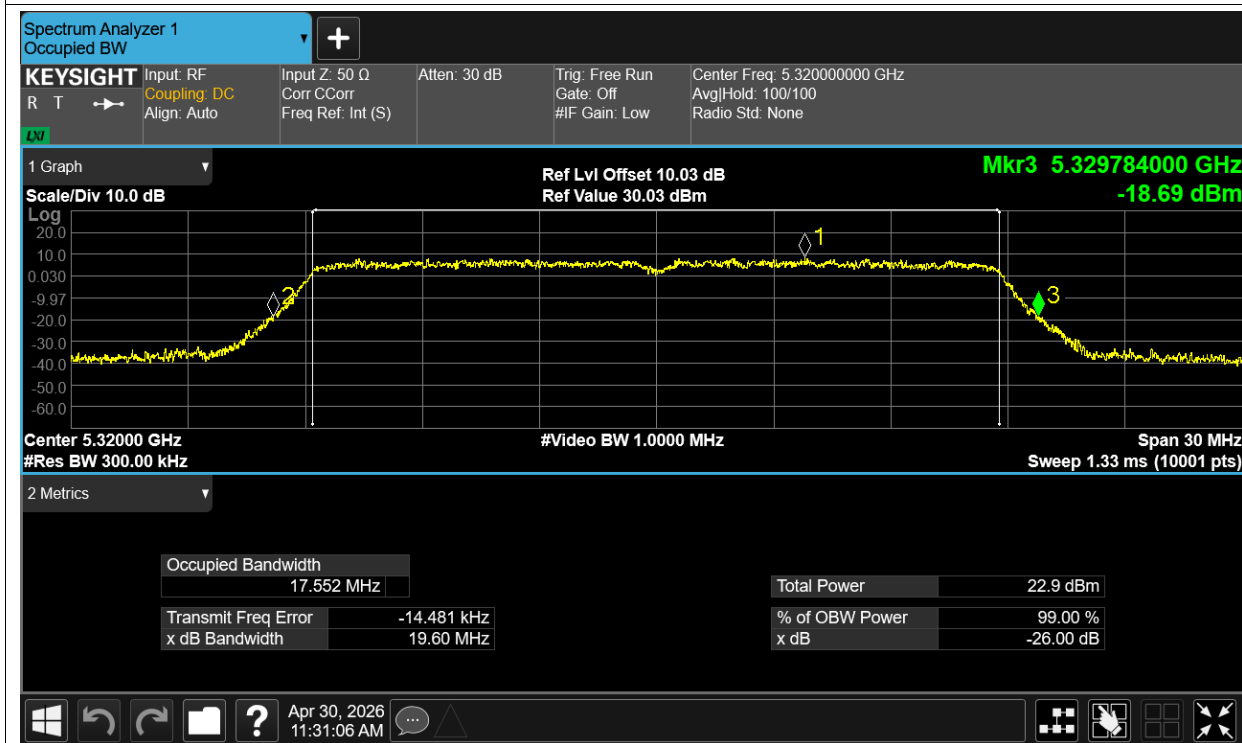
-26dB Bandwidth NVNT n20 5280MHz Ant2



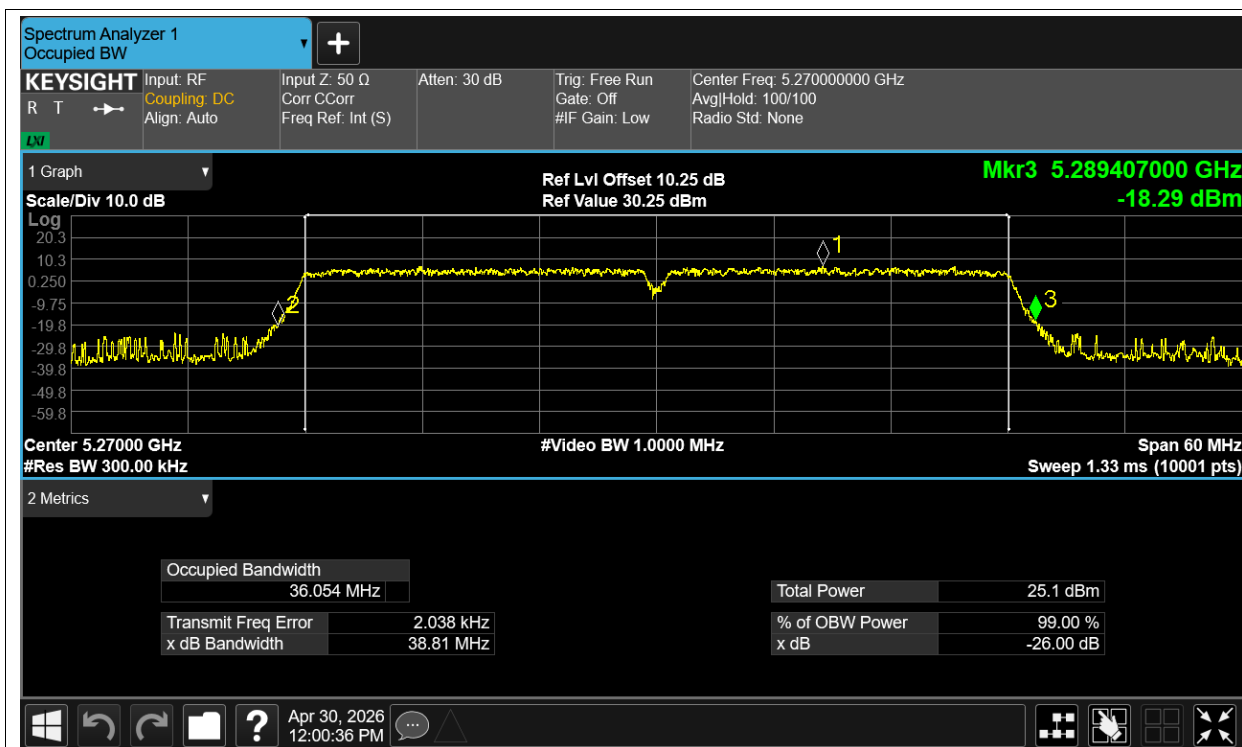
-26dB Bandwidth NVNT n20 5320MHz Ant1



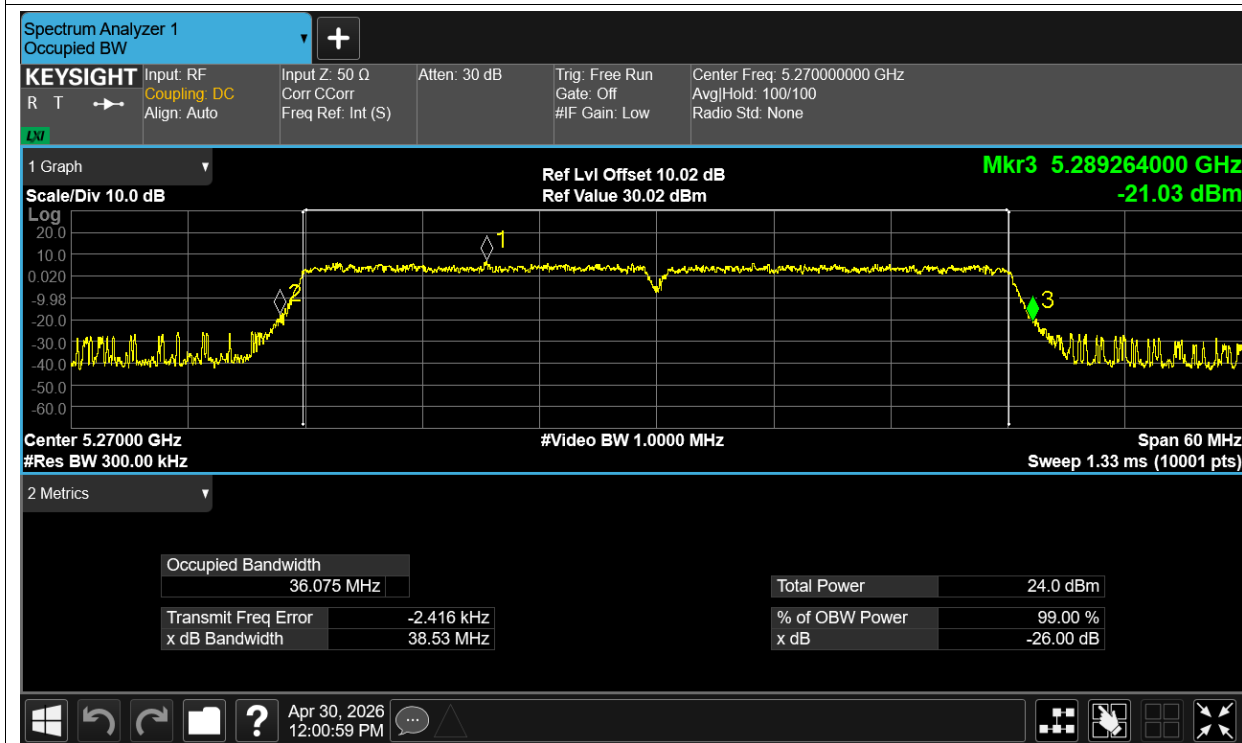
-26dB Bandwidth NVNT n20 5320MHz Ant2



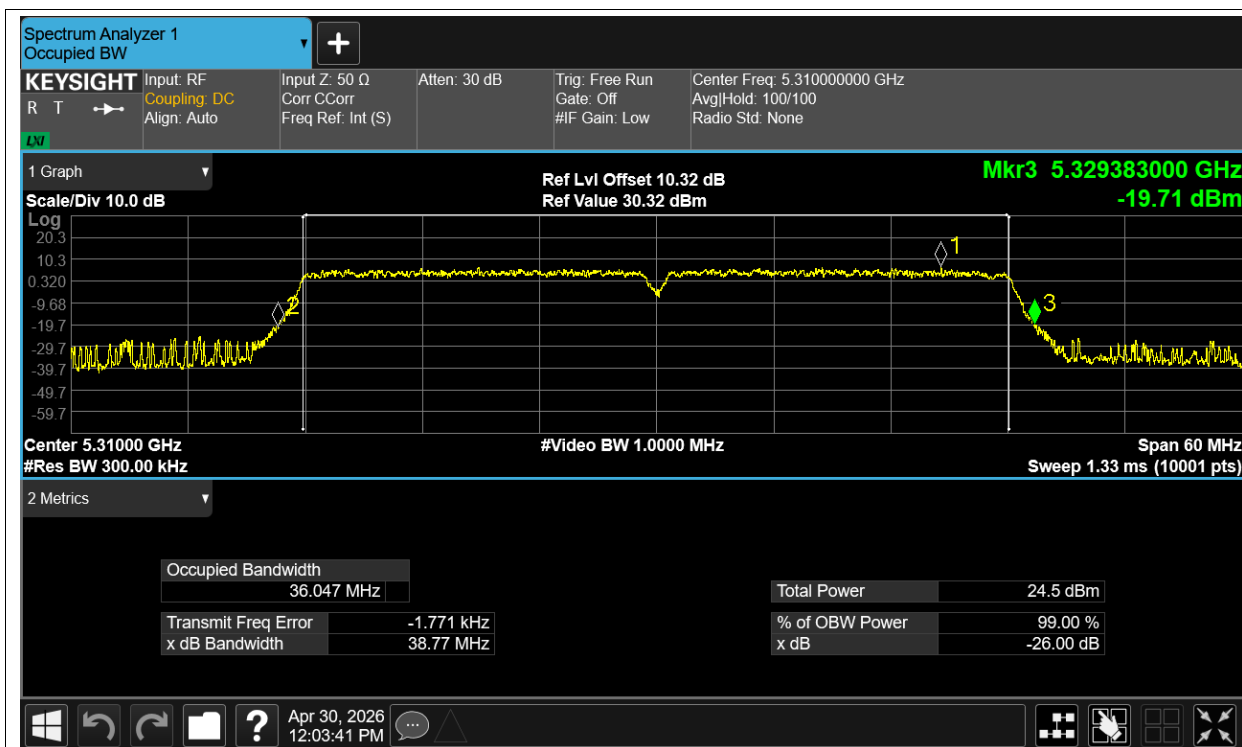
-26dB Bandwidth NVNT n40 5270MHz Ant1



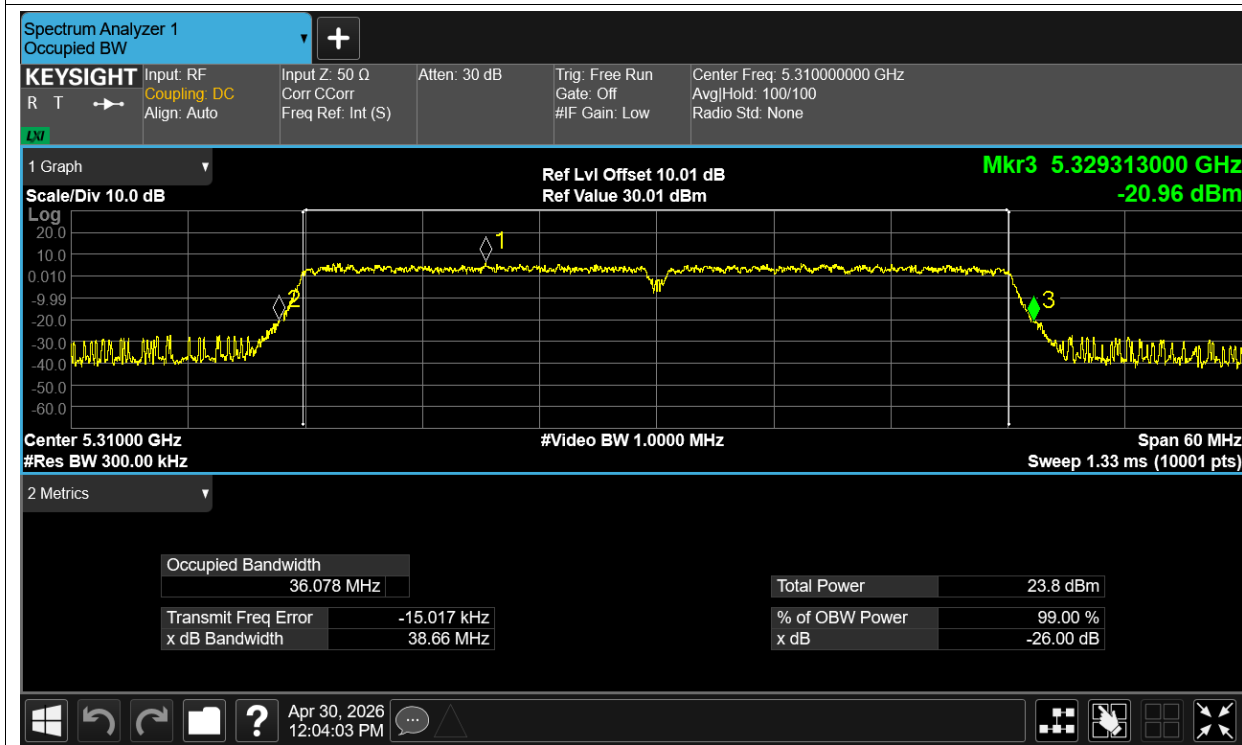
-26dB Bandwidth NVNT n40 5270MHz Ant2



-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant2

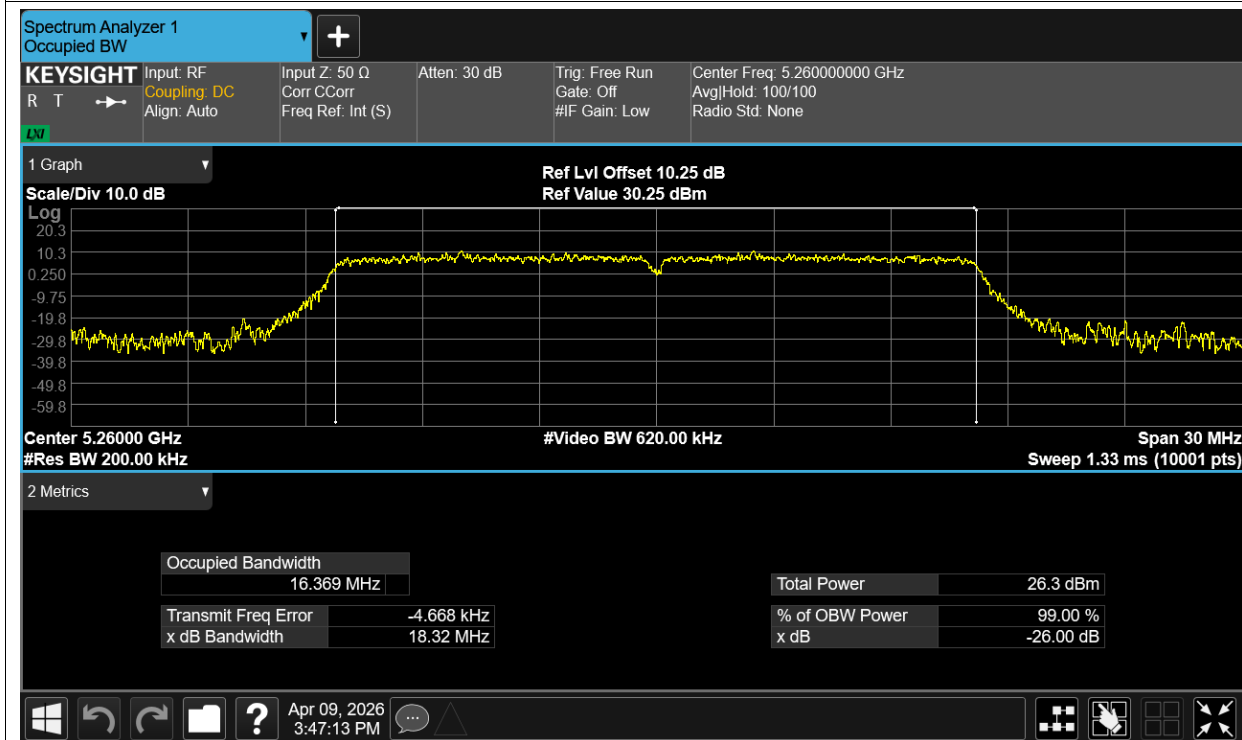


Occupied Channel Bandwidth

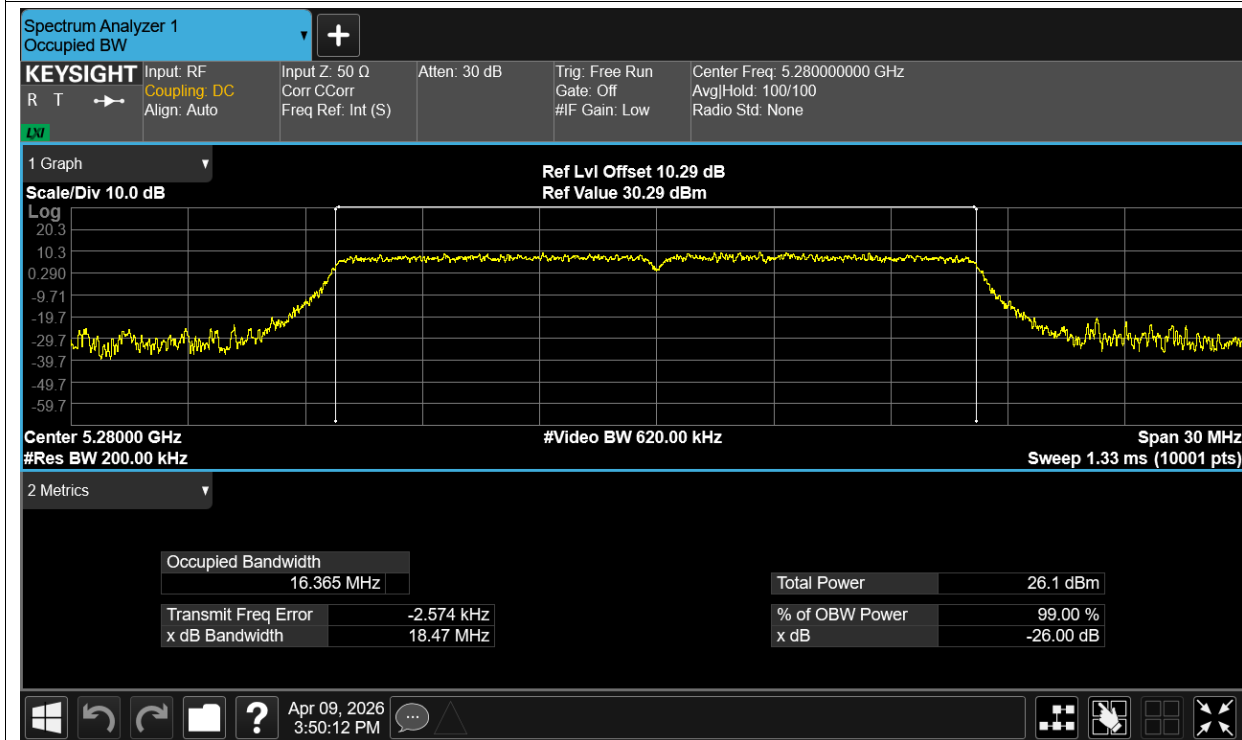
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.369
NVNT	a	5280	Ant1	16.365
NVNT	a	5320	Ant1	16.352
NVNT	a	5260	Ant2	16.366
NVNT	a	5280	Ant2	16.364
NVNT	a	5320	Ant2	16.355
NVNT	ac20	5260	Ant1	17.53
NVNT	ac20	5260	Ant2	17.53
NVNT	ac20	5280	Ant1	17.514
NVNT	ac20	5280	Ant2	17.521
NVNT	ac20	5320	Ant1	17.516
NVNT	ac20	5320	Ant2	17.516
NVNT	ac40	5270	Ant1	36.084
NVNT	ac40	5270	Ant2	36.098
NVNT	ac40	5310	Ant1	36.075
NVNT	ac40	5310	Ant2	36.114
NVNT	ac80	5290	Ant1	75.553
NVNT	ac80	5290	Ant2	75.644
NVNT	ax20	5260	Ant1	18.895
NVNT	ax20	5260	Ant2	18.877
NVNT	ax20	5280	Ant1	18.869
NVNT	ax20	5280	Ant2	18.859
NVNT	ax20	5320	Ant1	18.894
NVNT	ax20	5320	Ant2	18.898
NVNT	ax40	5270	Ant1	37.666
NVNT	ax40	5270	Ant2	37.684
NVNT	ax40	5310	Ant1	37.692
NVNT	ax40	5310	Ant2	37.717
NVNT	ax80	5290	Ant1	77.063
NVNT	ax80	5290	Ant2	76.966
NVNT	n20	5260	Ant1	17.526
NVNT	n20	5260	Ant2	17.536
NVNT	n20	5280	Ant1	17.521
NVNT	n20	5280	Ant2	17.524
NVNT	n20	5320	Ant1	17.512
NVNT	n20	5320	Ant2	17.513
NVNT	n40	5270	Ant1	36.081
NVNT	n40	5270	Ant2	36.107
NVNT	n40	5310	Ant1	36.109
NVNT	n40	5310	Ant2	36.125

Test Graphs

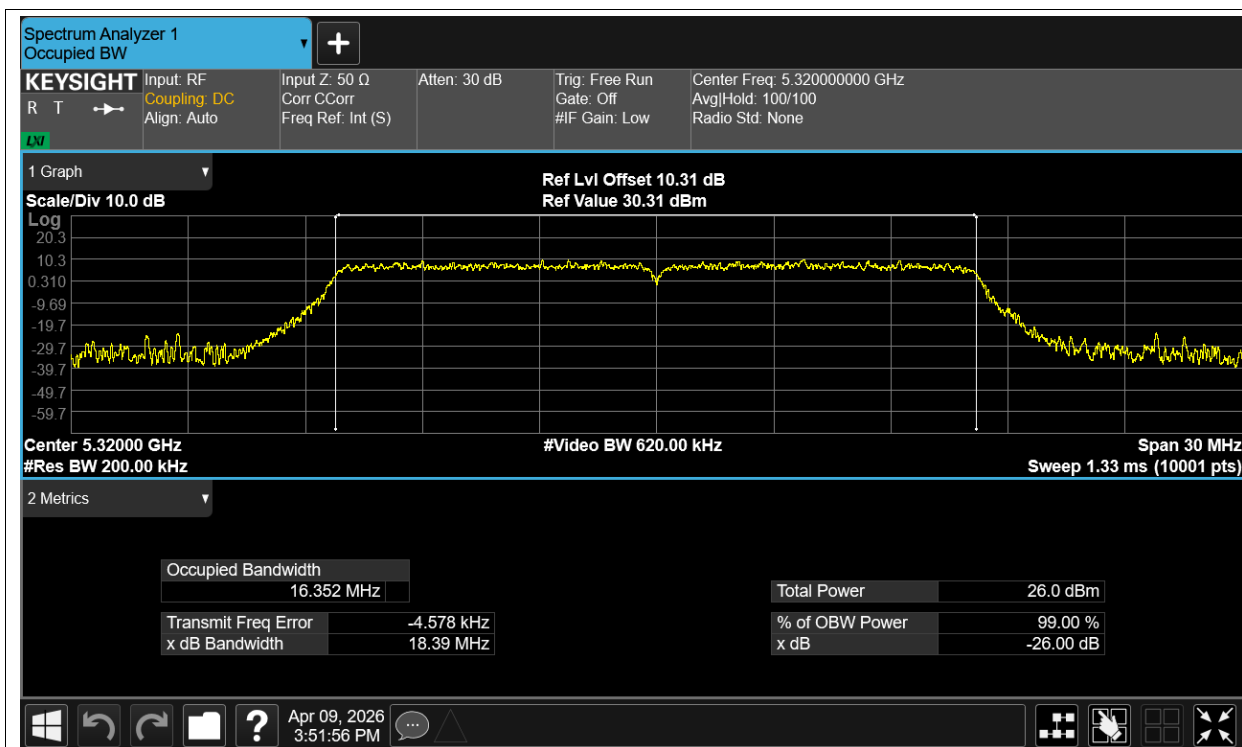
OBW NVNT a 5260MHz Ant1



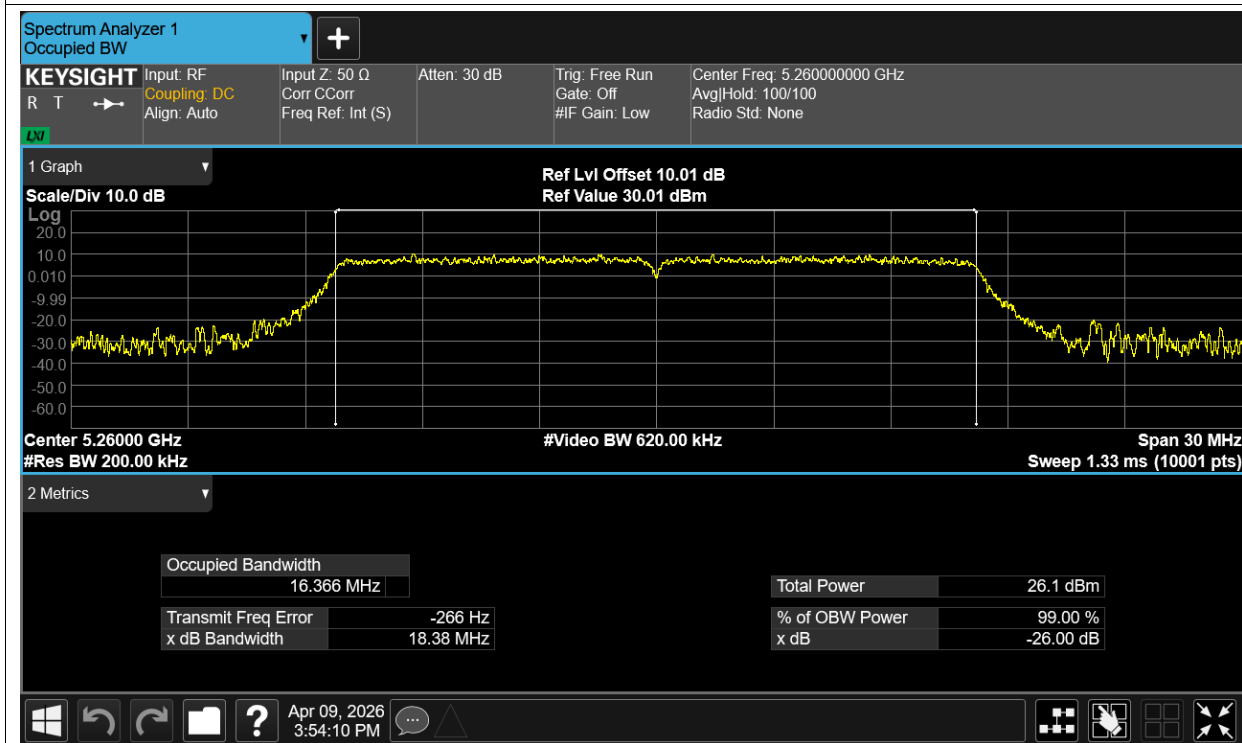
OBW NVNT a 5280MHz Ant1



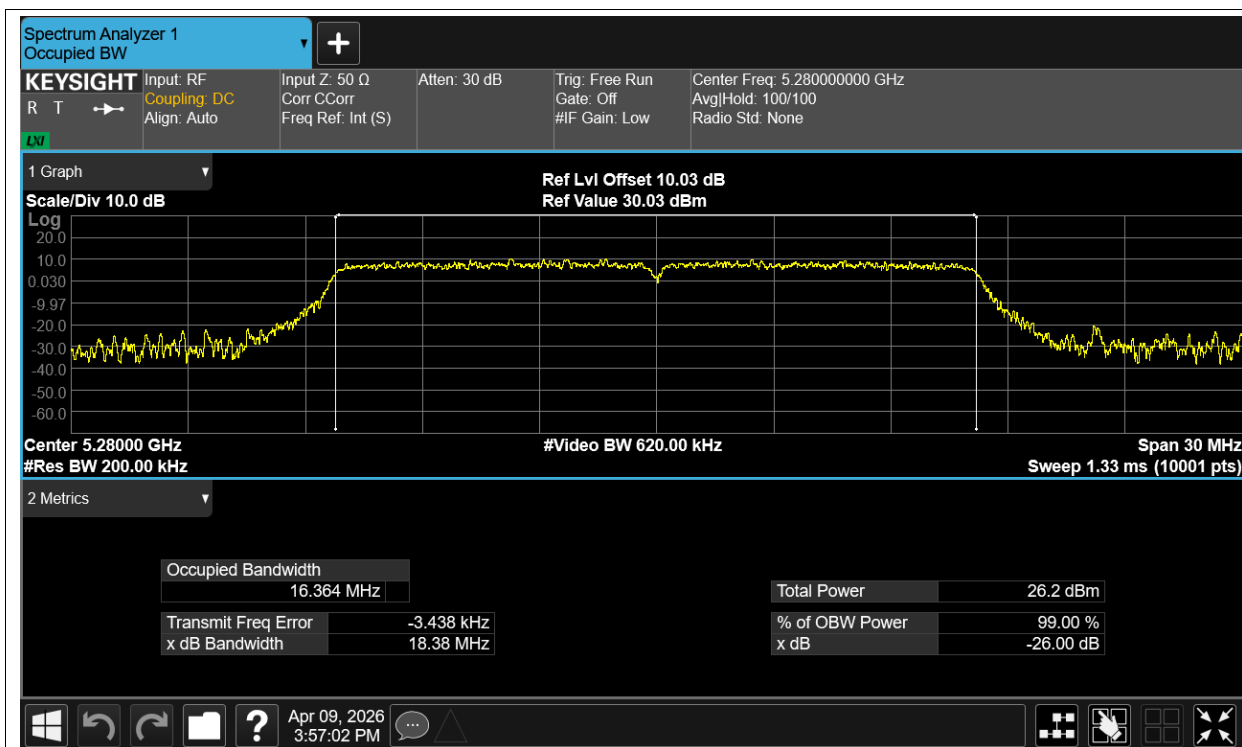
OBW NVNT a 5320MHz Ant1



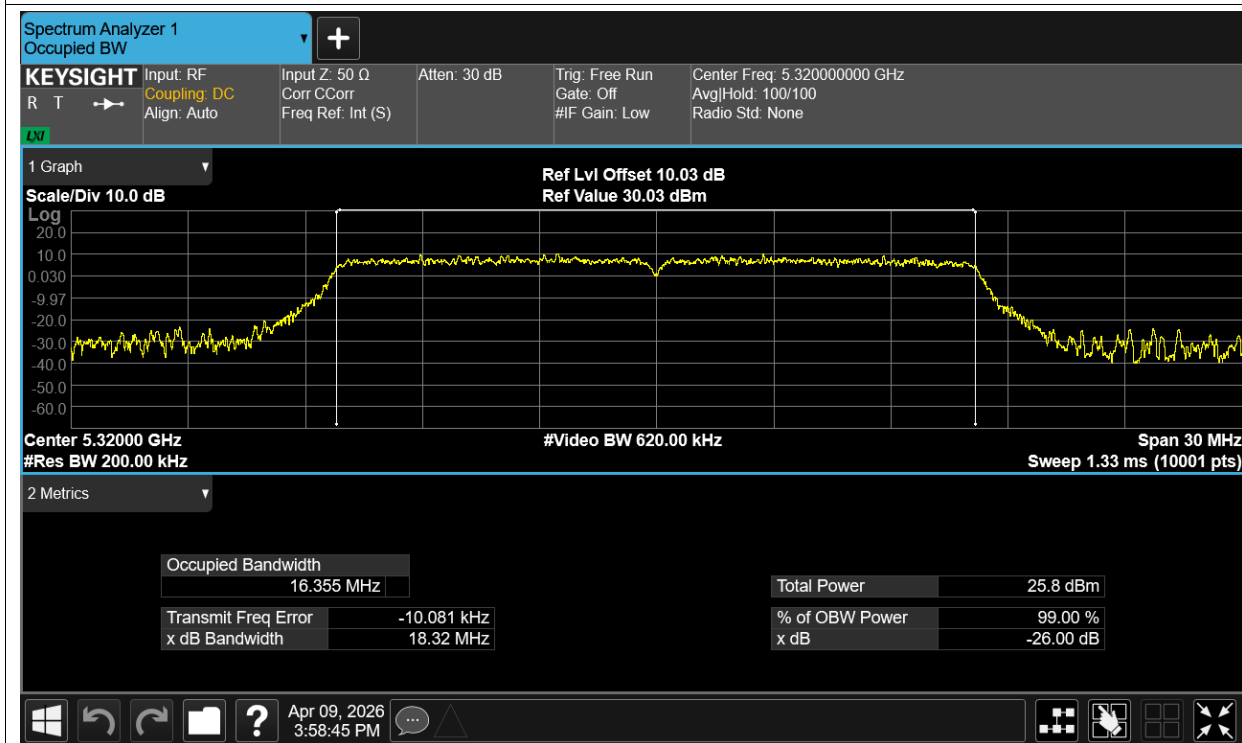
OBW NVNT a 5260MHz Ant2



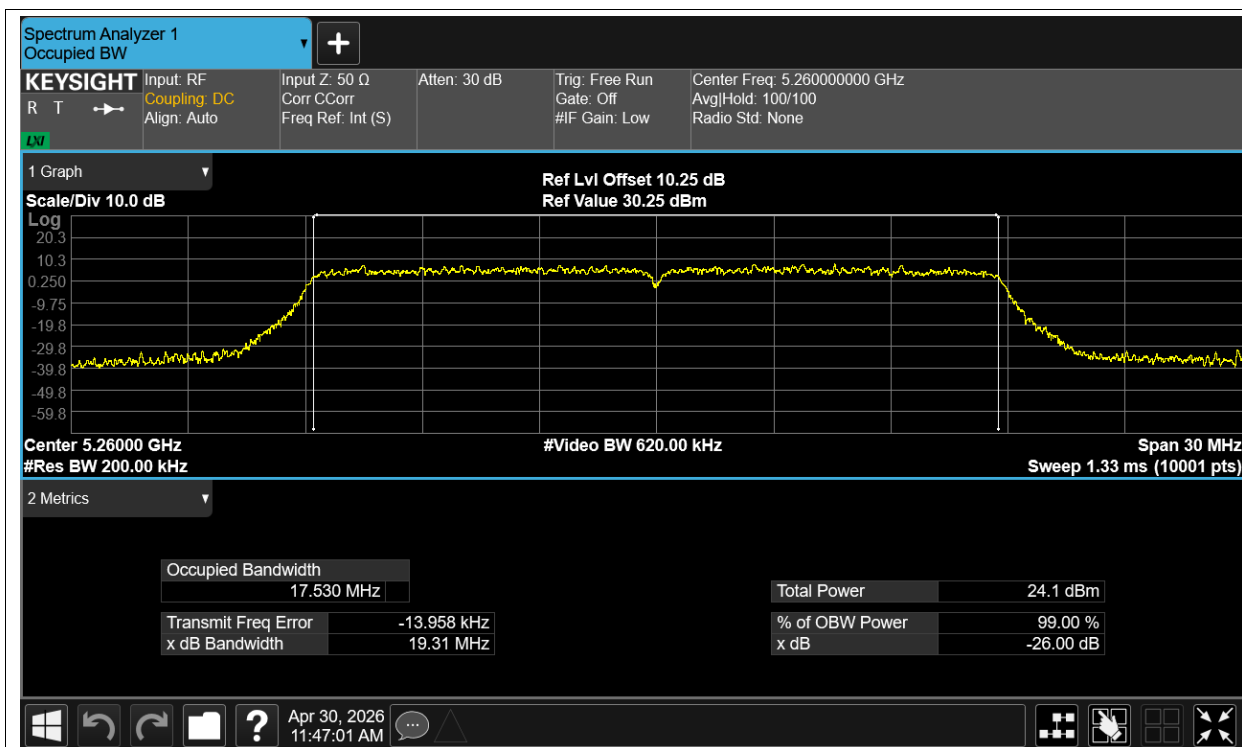
OBW NVNT a 5280MHz Ant2



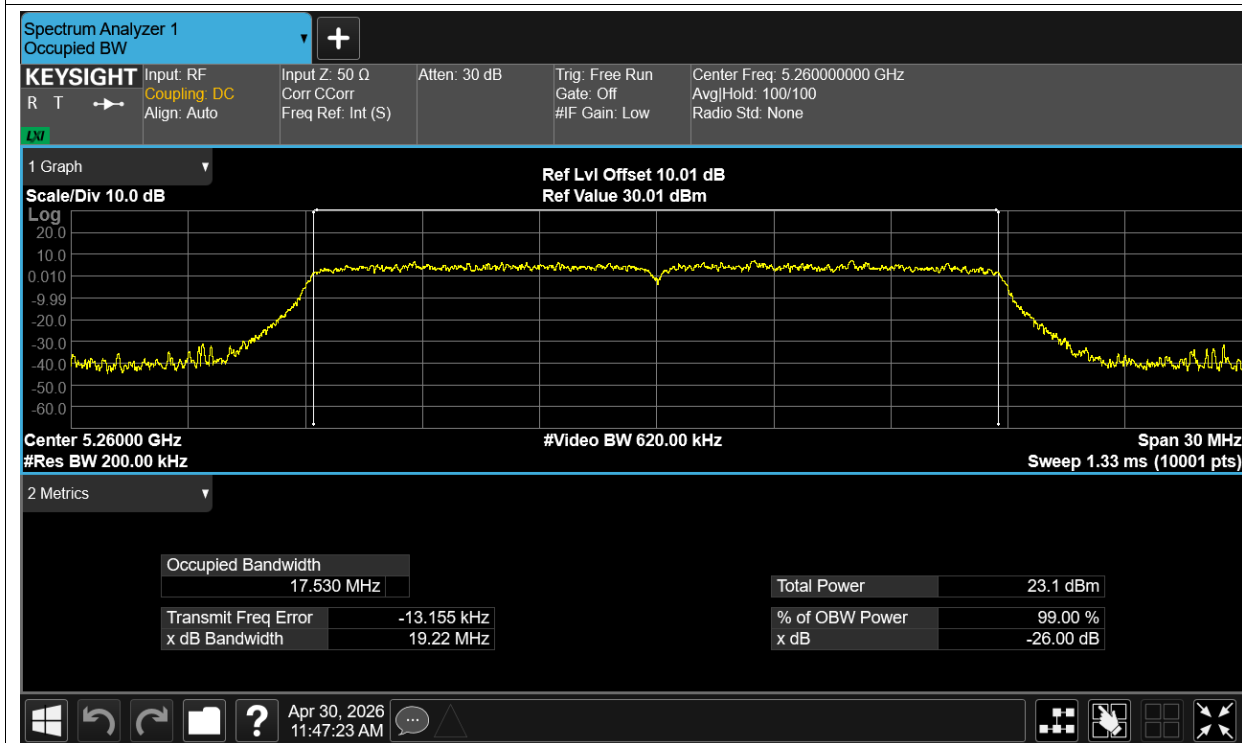
OBW NVNT a 5320MHz Ant2



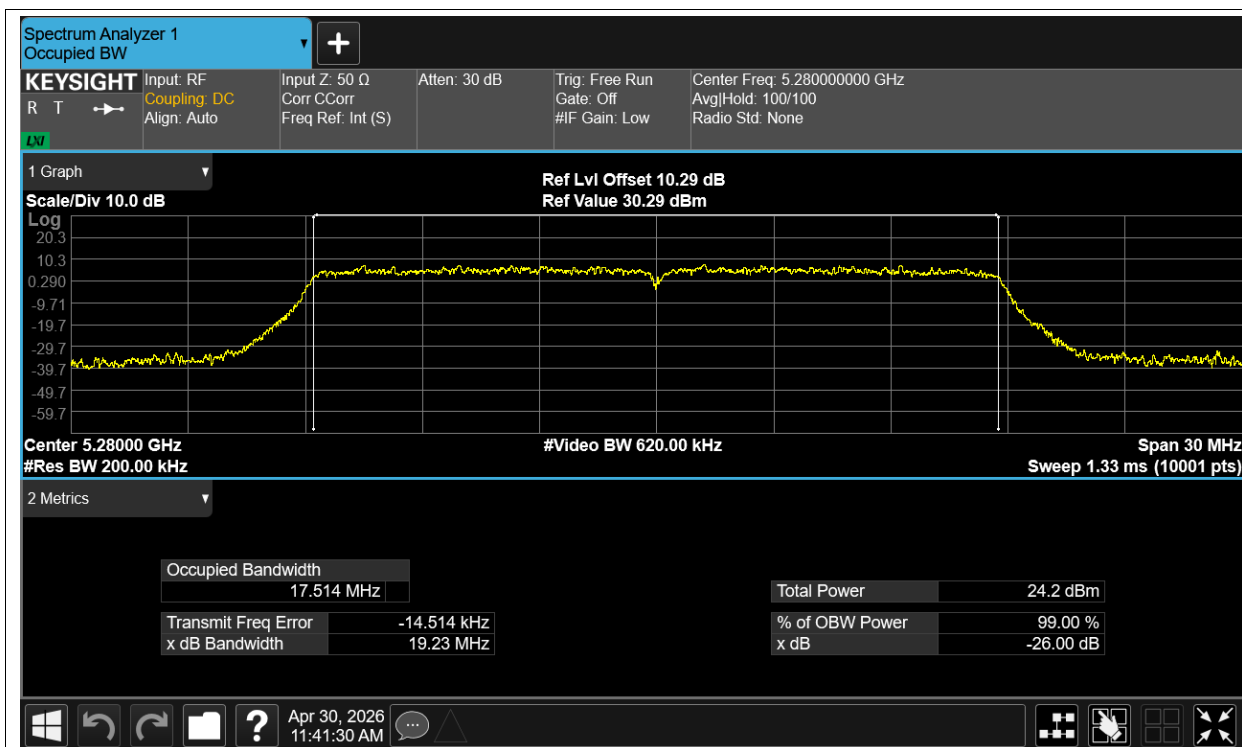
OBW NVNT ac20 5260MHz Ant1



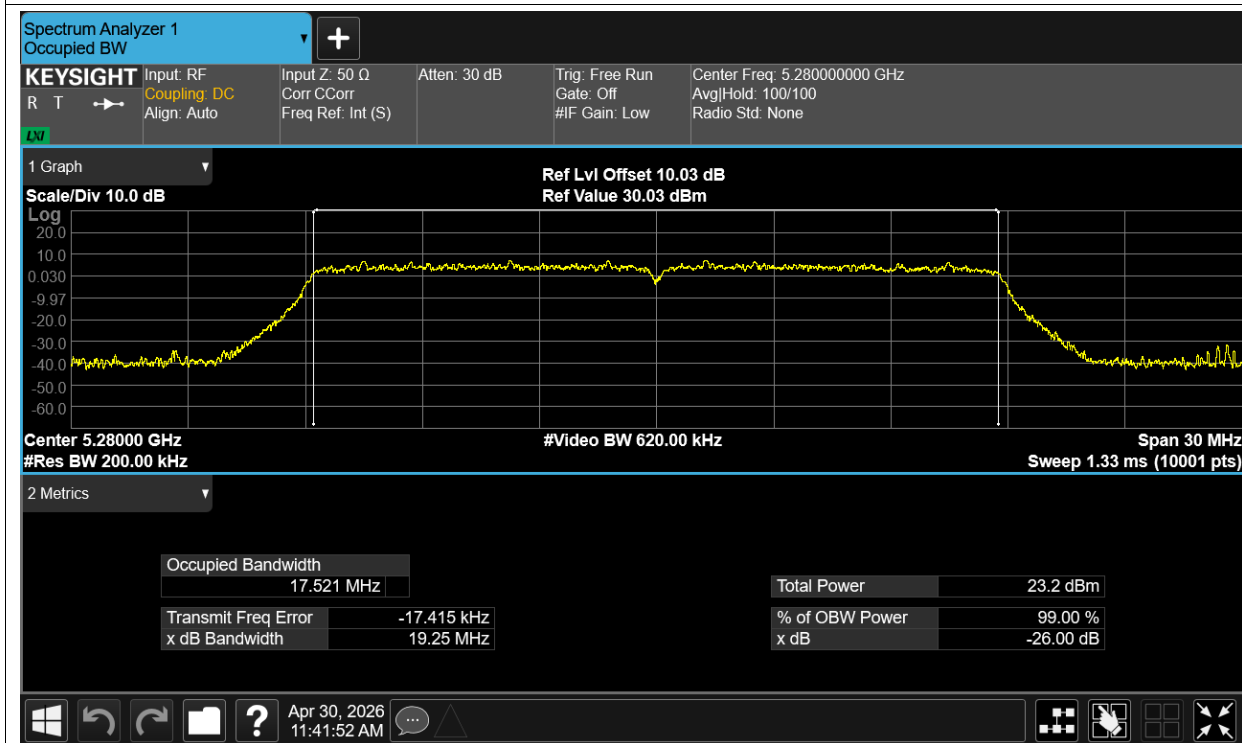
OBW NVNT ac20 5260MHz Ant2



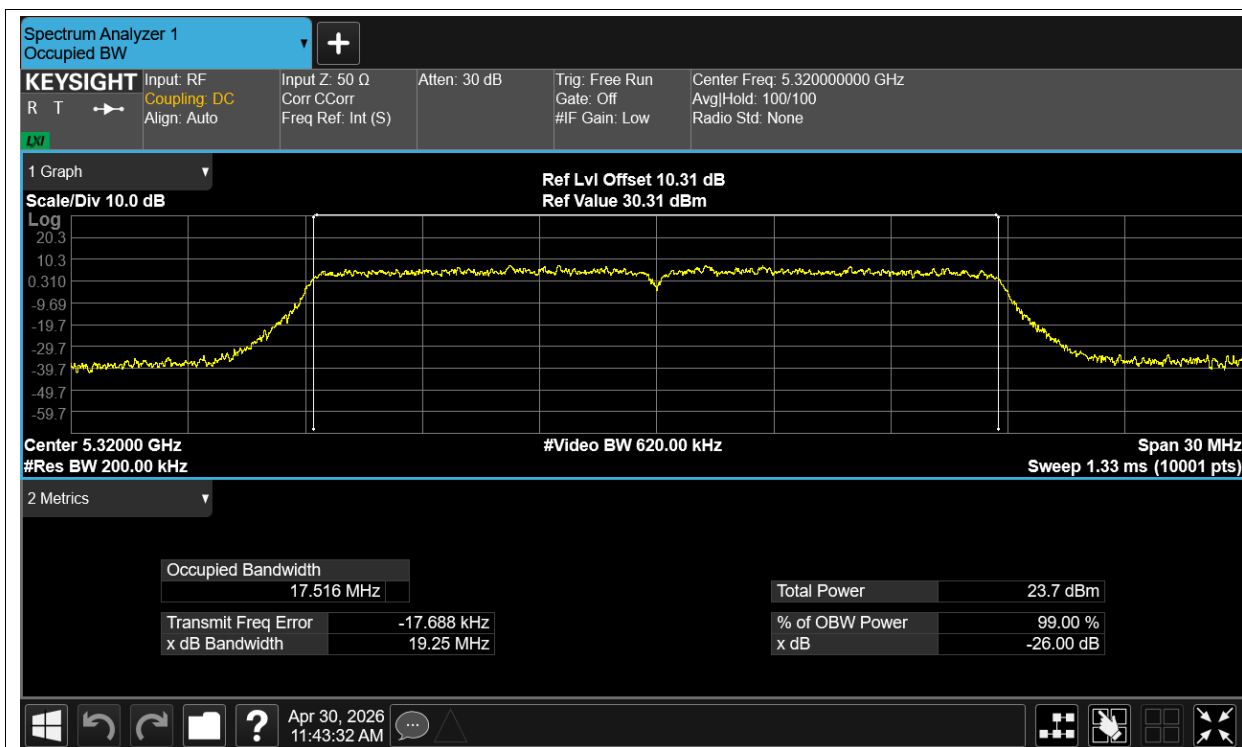
OBW NVNT ac20 5280MHz Ant1



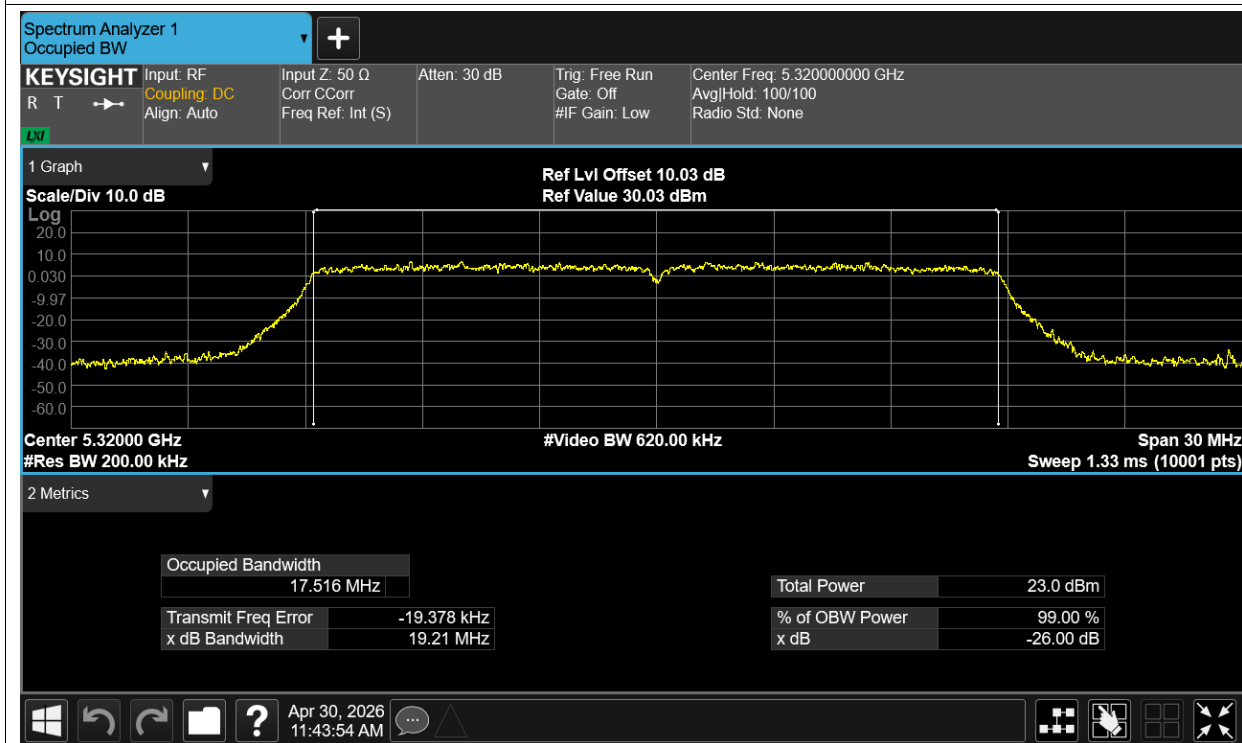
OBW NVNT ac20 5280MHz Ant2



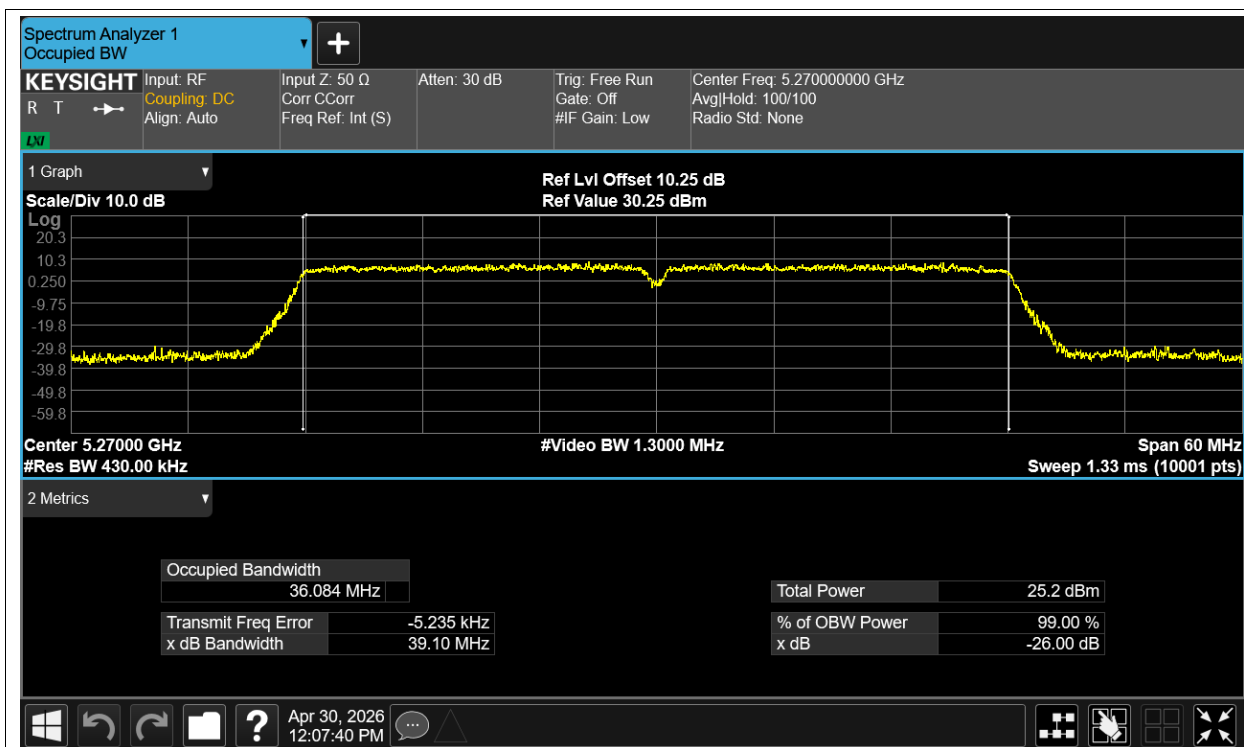
OBW NVNT ac20 5320MHz Ant1



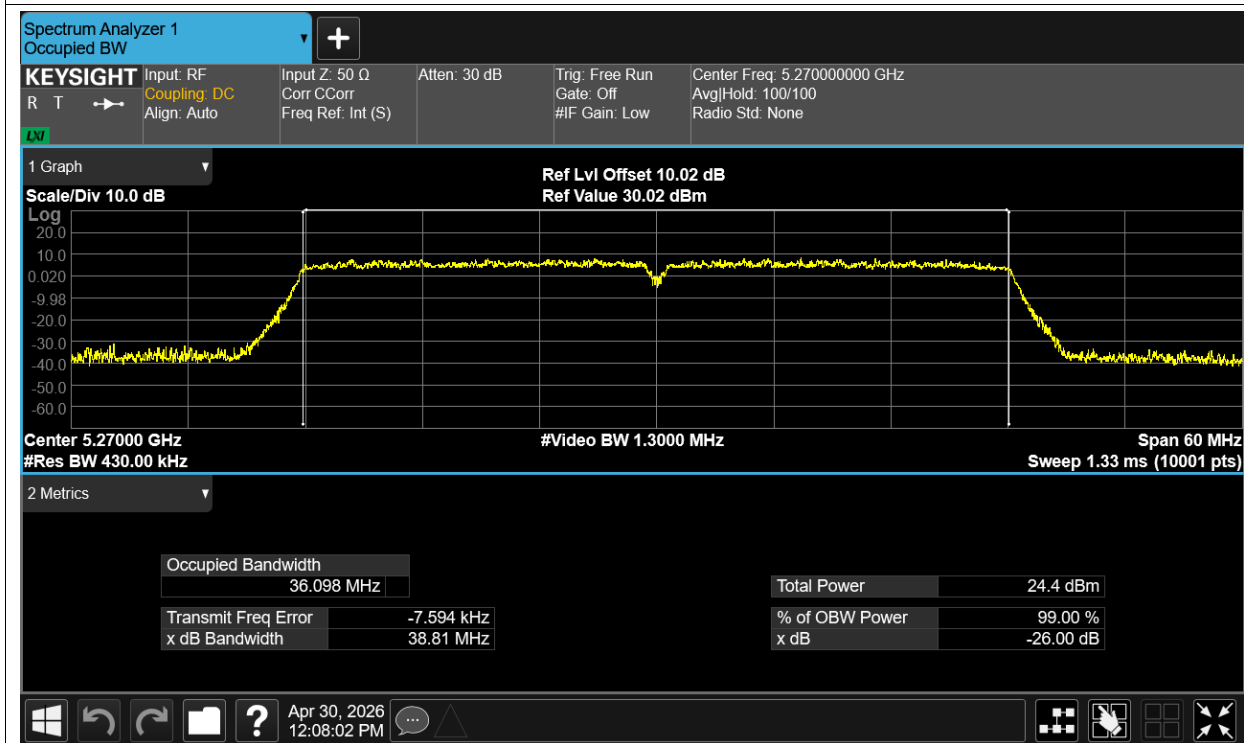
OBW NVNT ac20 5320MHz Ant2



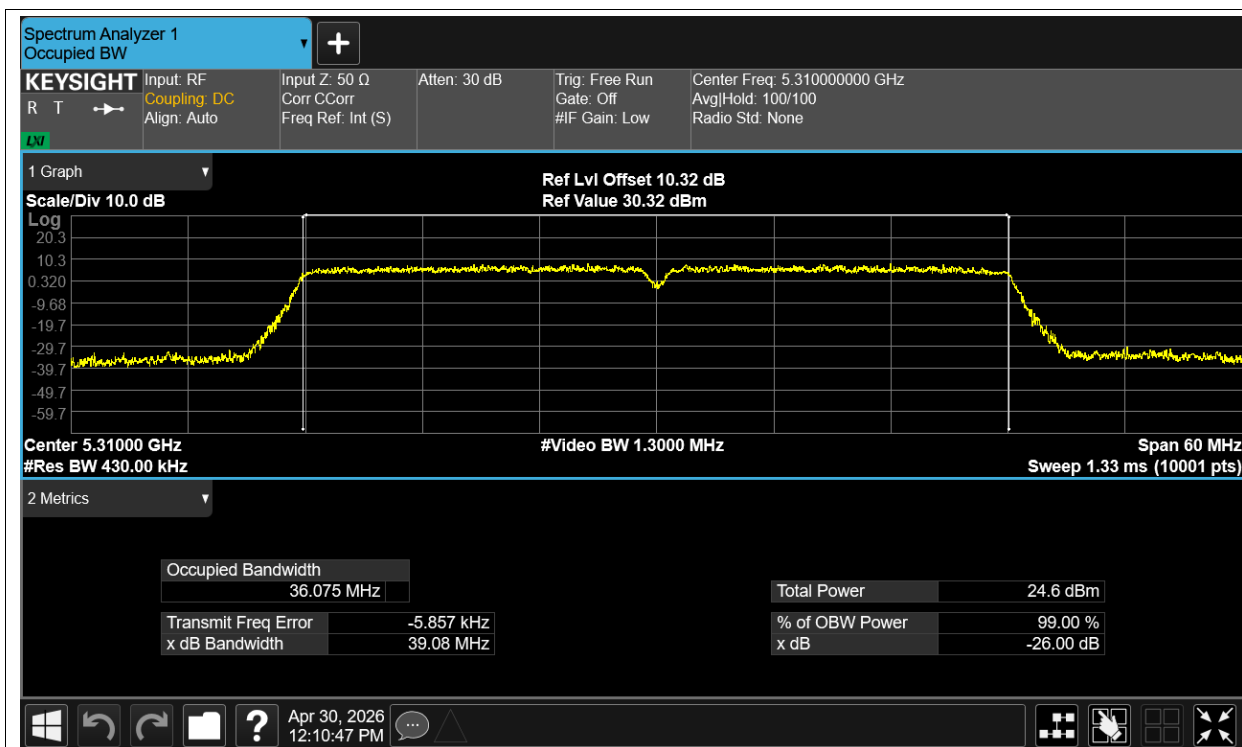
OBW NVNT ac40 5270MHz Ant1



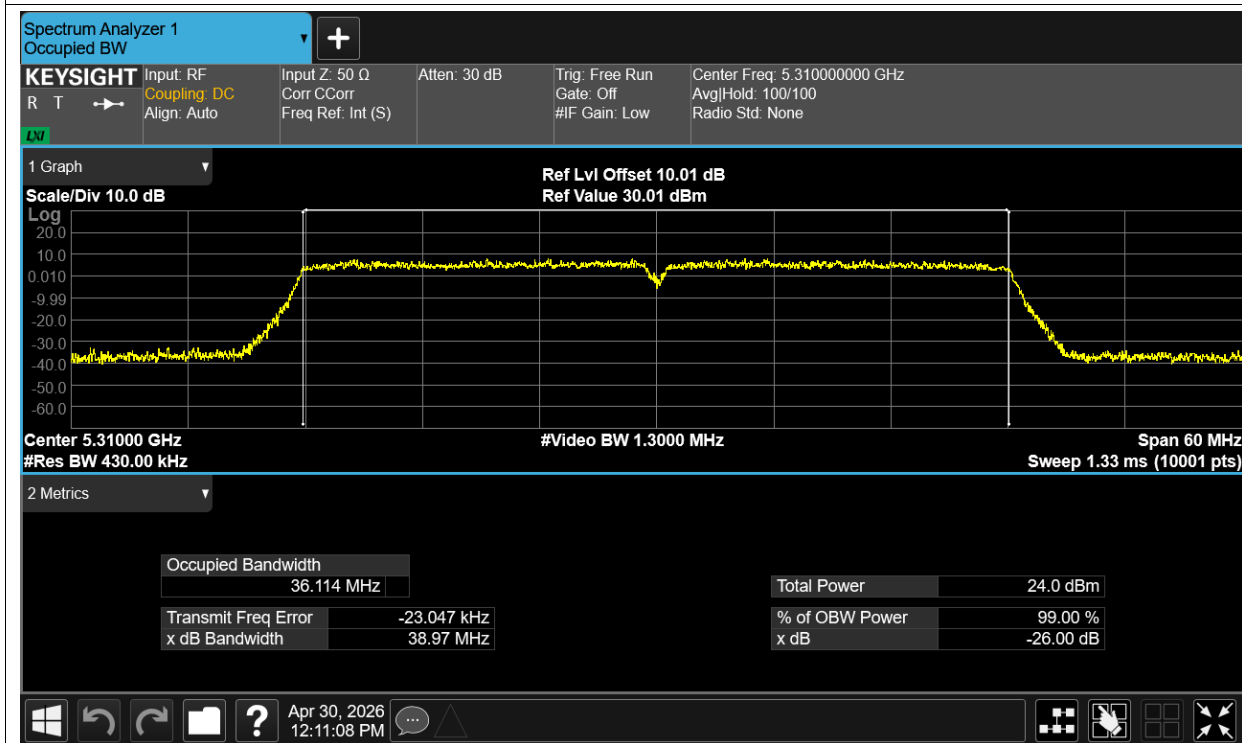
OBW NVNT ac40 5270MHz Ant2



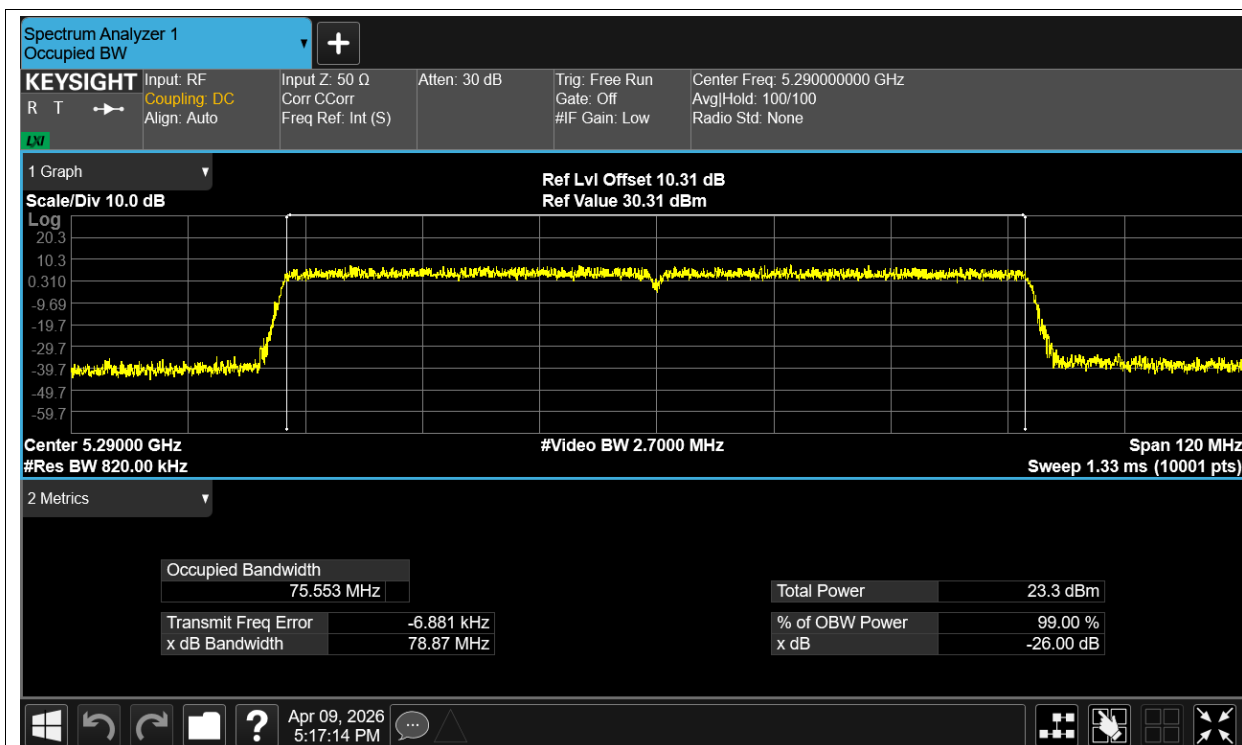
OBW NVNT ac40 5310MHz Ant1



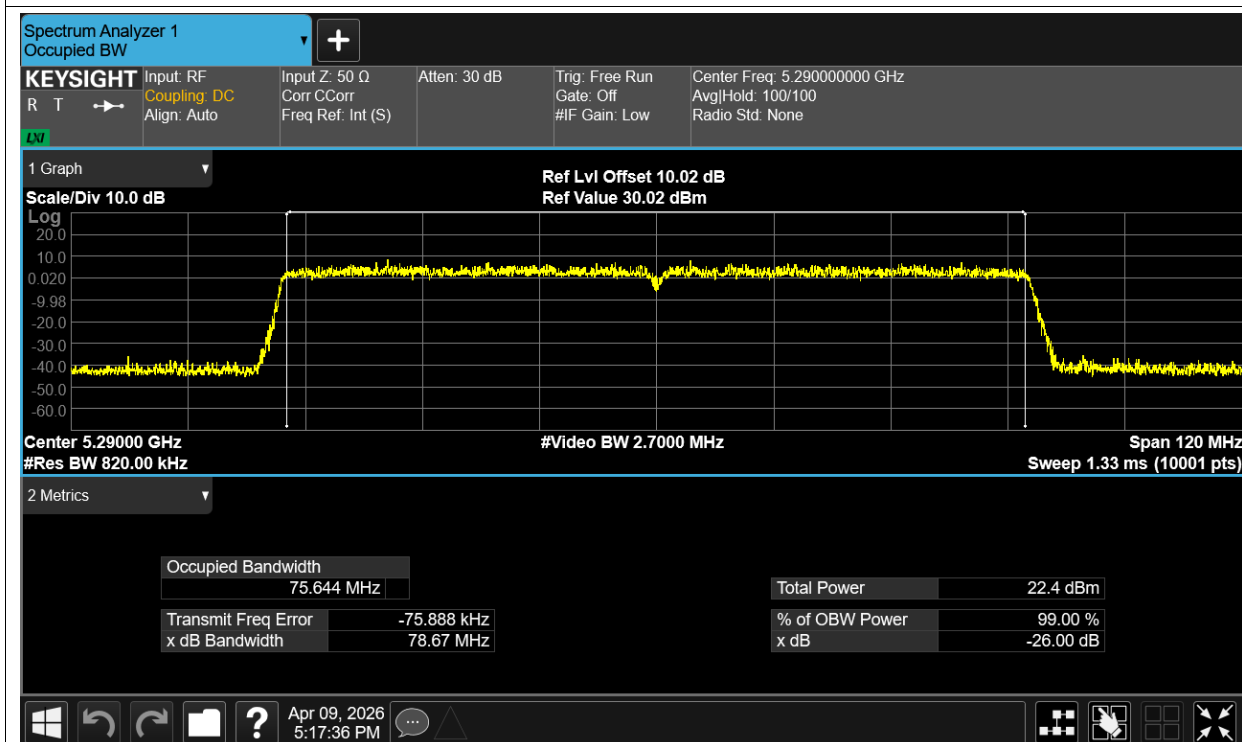
OBW NVNT ac40 5310MHz Ant2



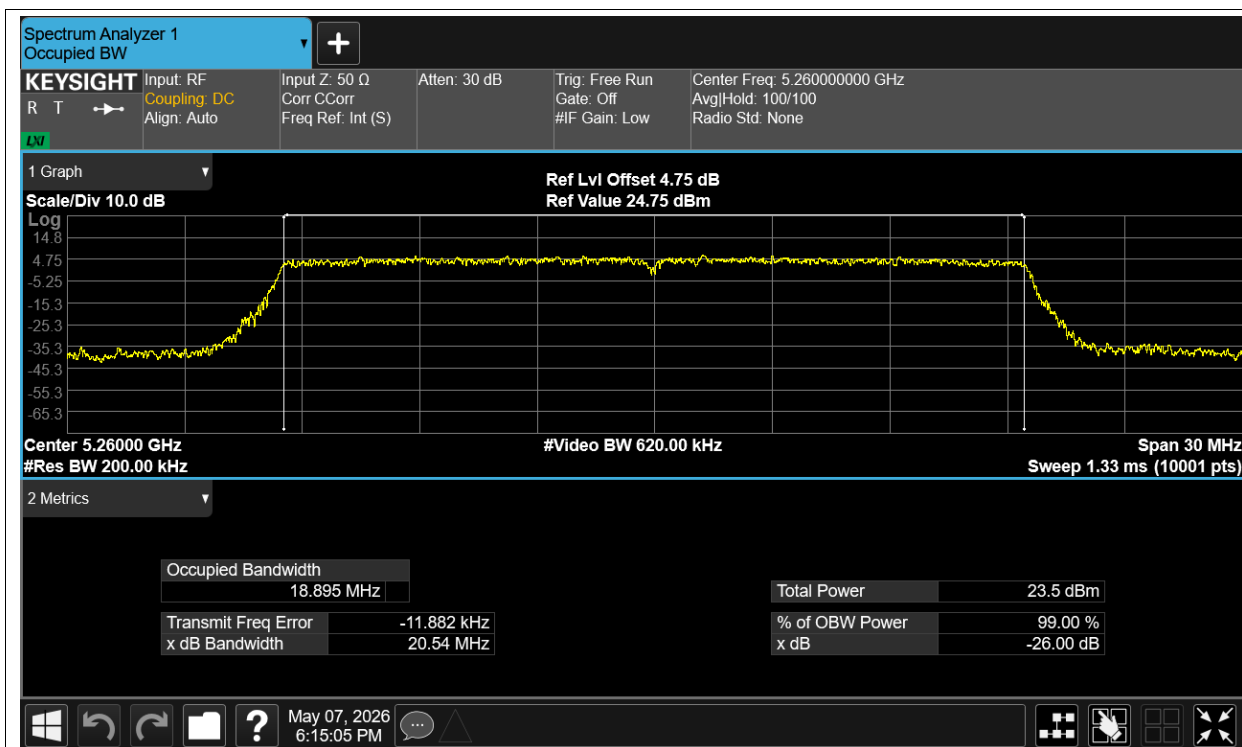
OBW NVNT ac80 5290MHz Ant1



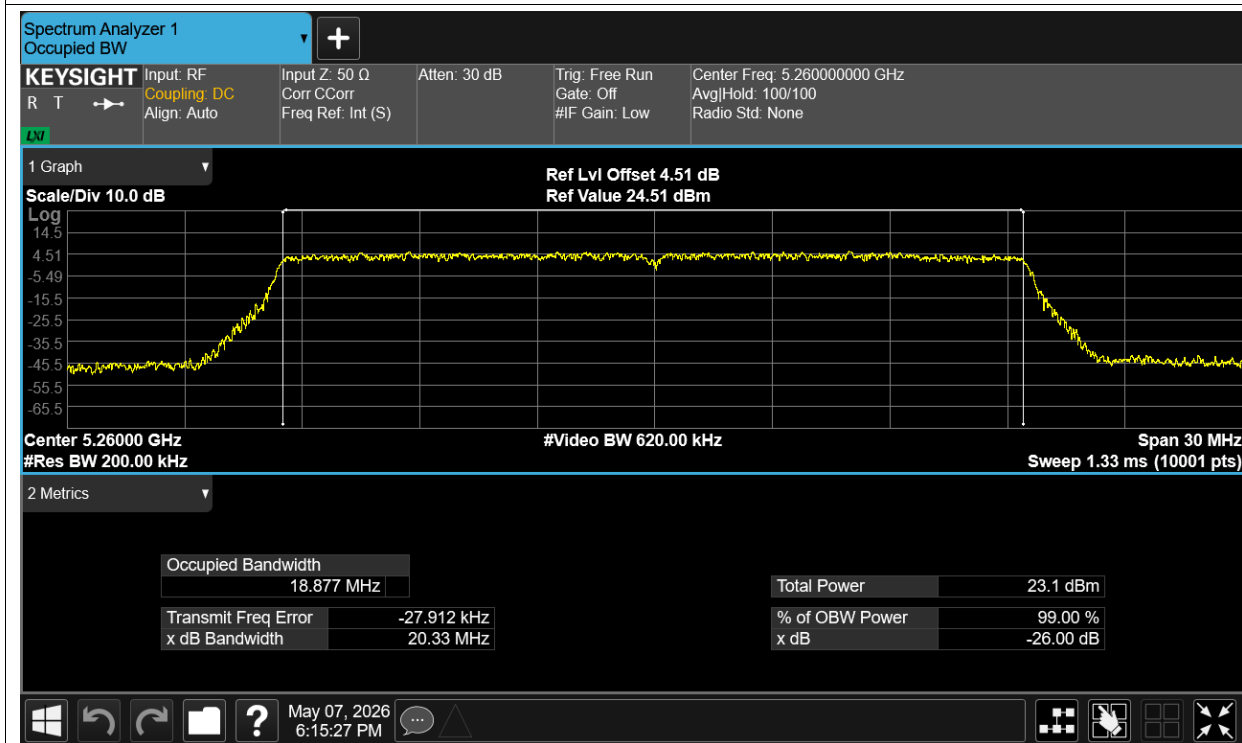
OBW NVNT ac80 5290MHz Ant2



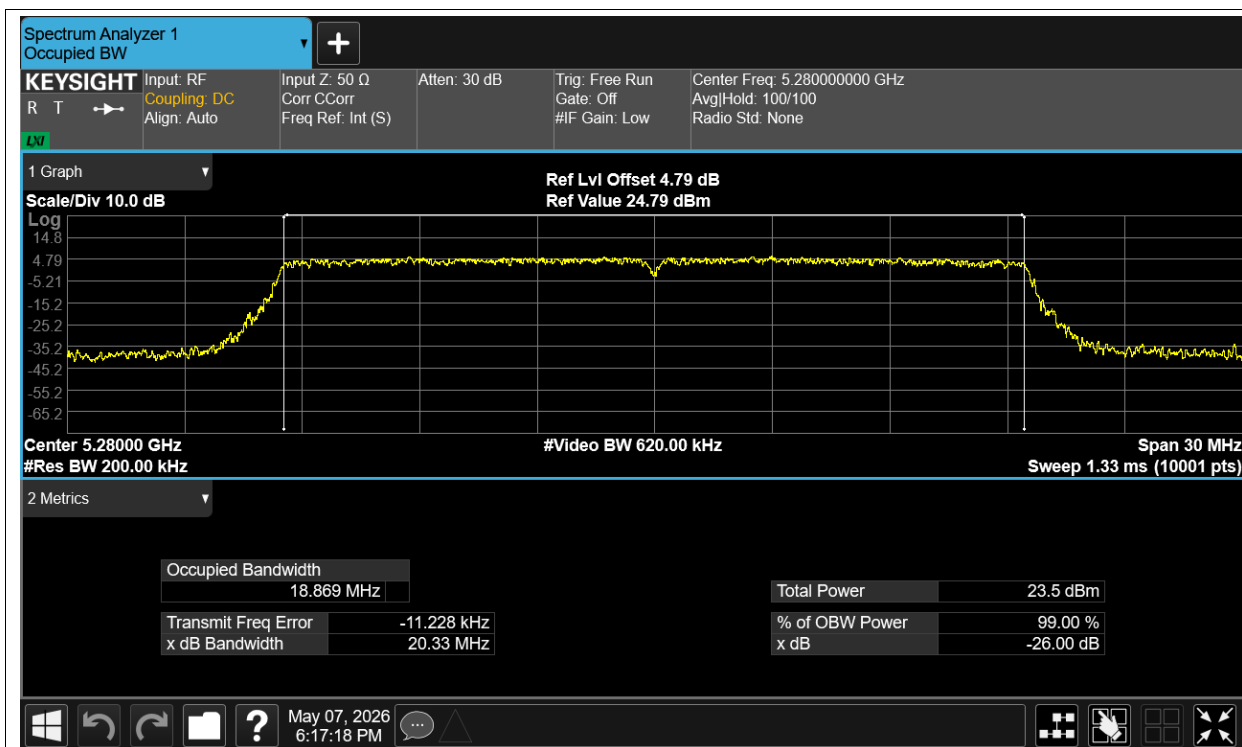
OBW NVNT ax20 5260MHz Ant1



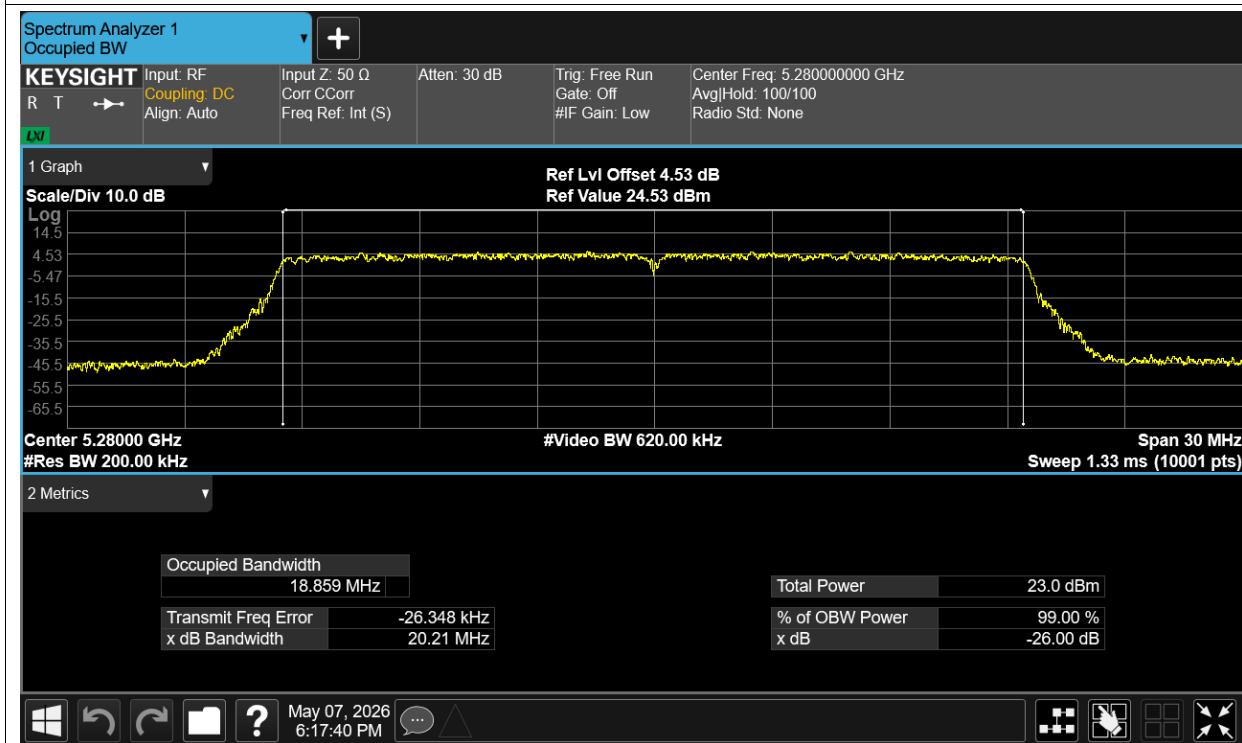
OBW NVNT ax20 5260MHz Ant2



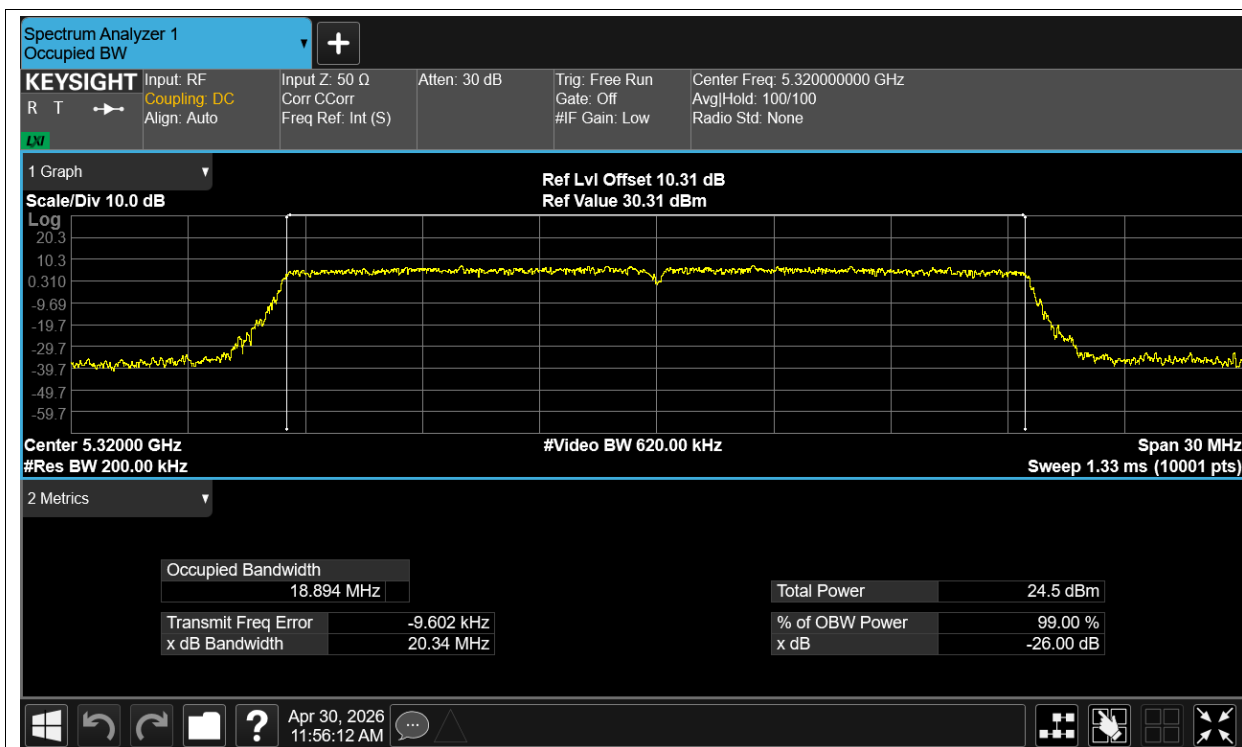
OBW NVNT ax20 5280MHz Ant1



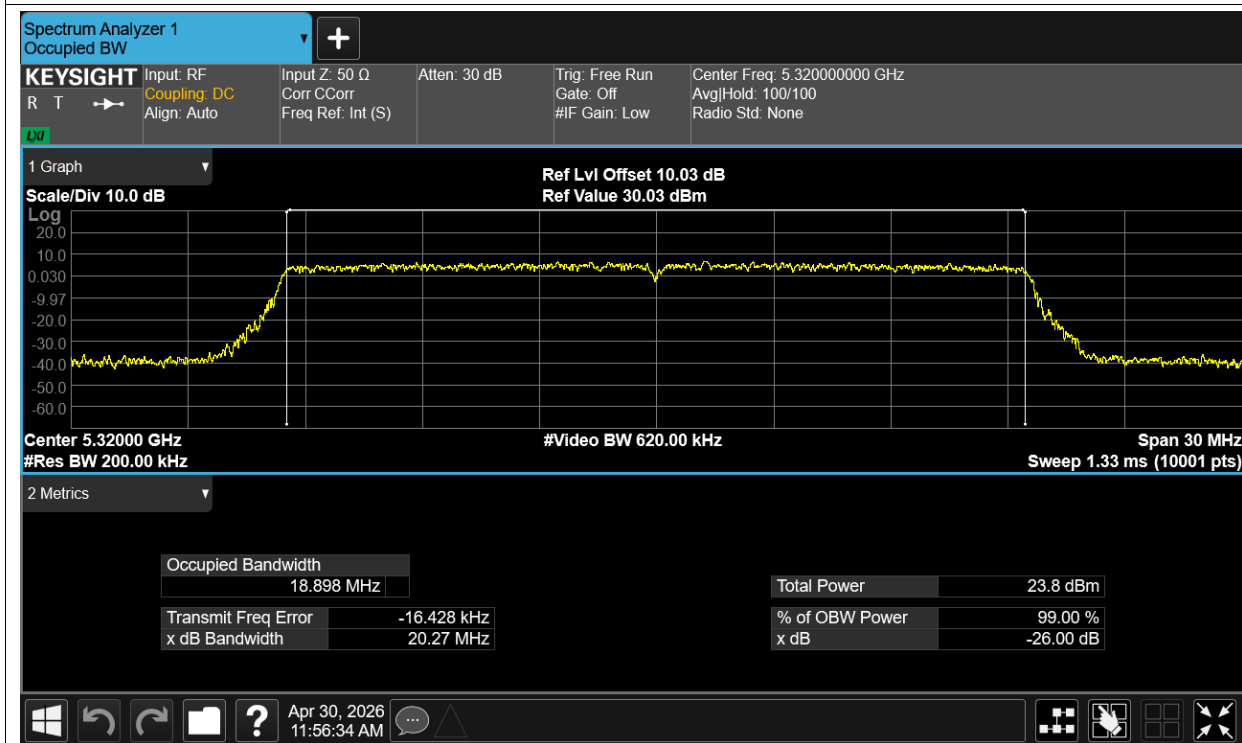
OBW NVNT ax20 5280MHz Ant2



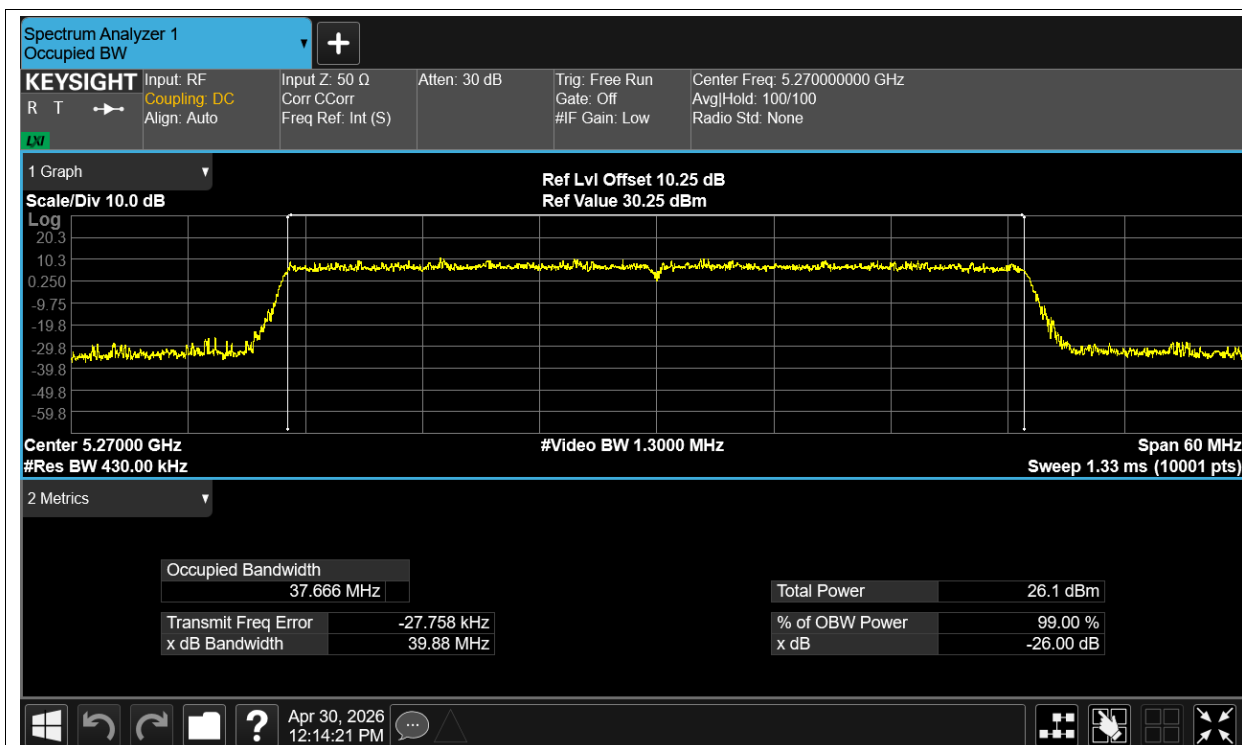
OBW NVNT ax20 5320MHz Ant1



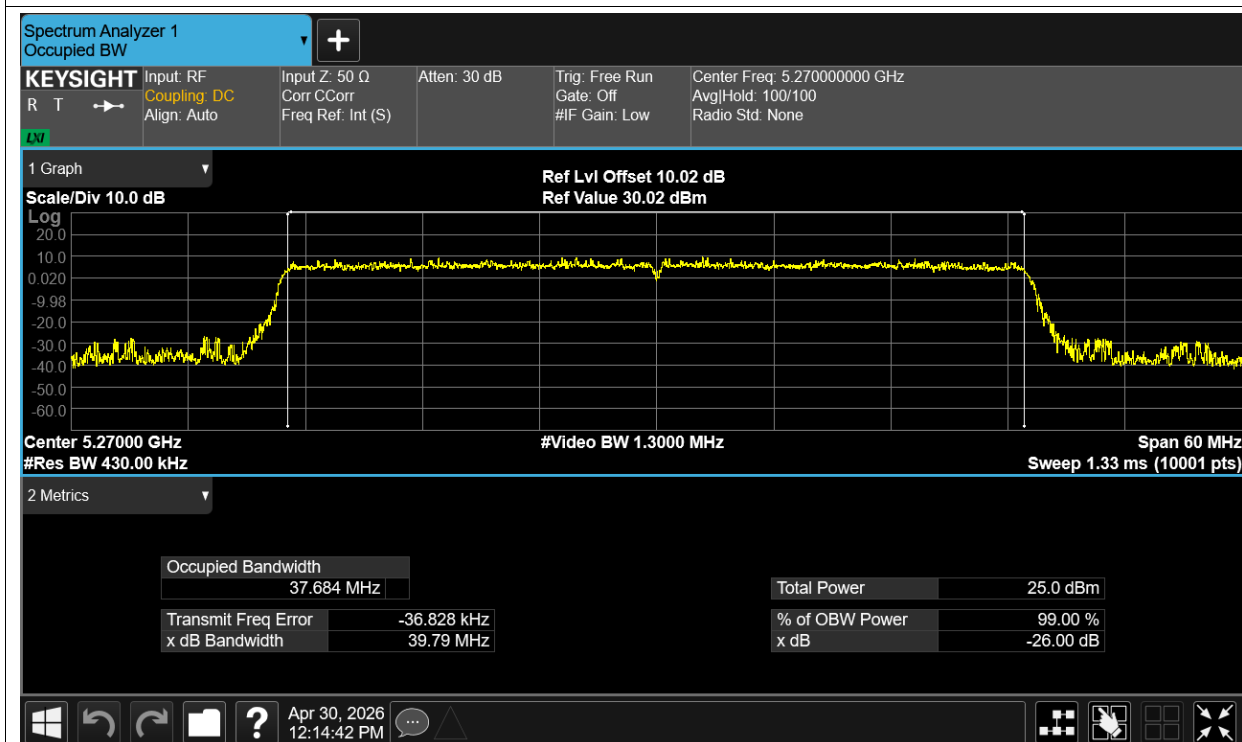
OBW NVNT ax20 5320MHz Ant2



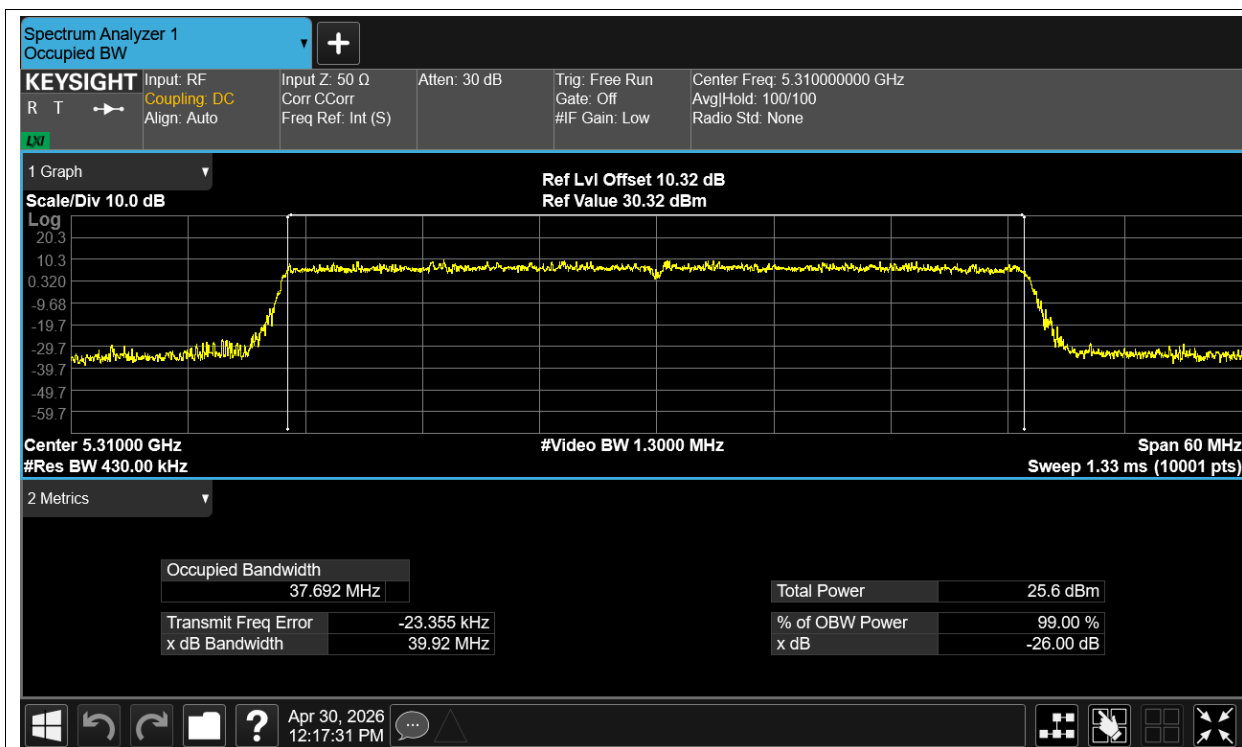
OBW NVNT ax40 5270MHz Ant1



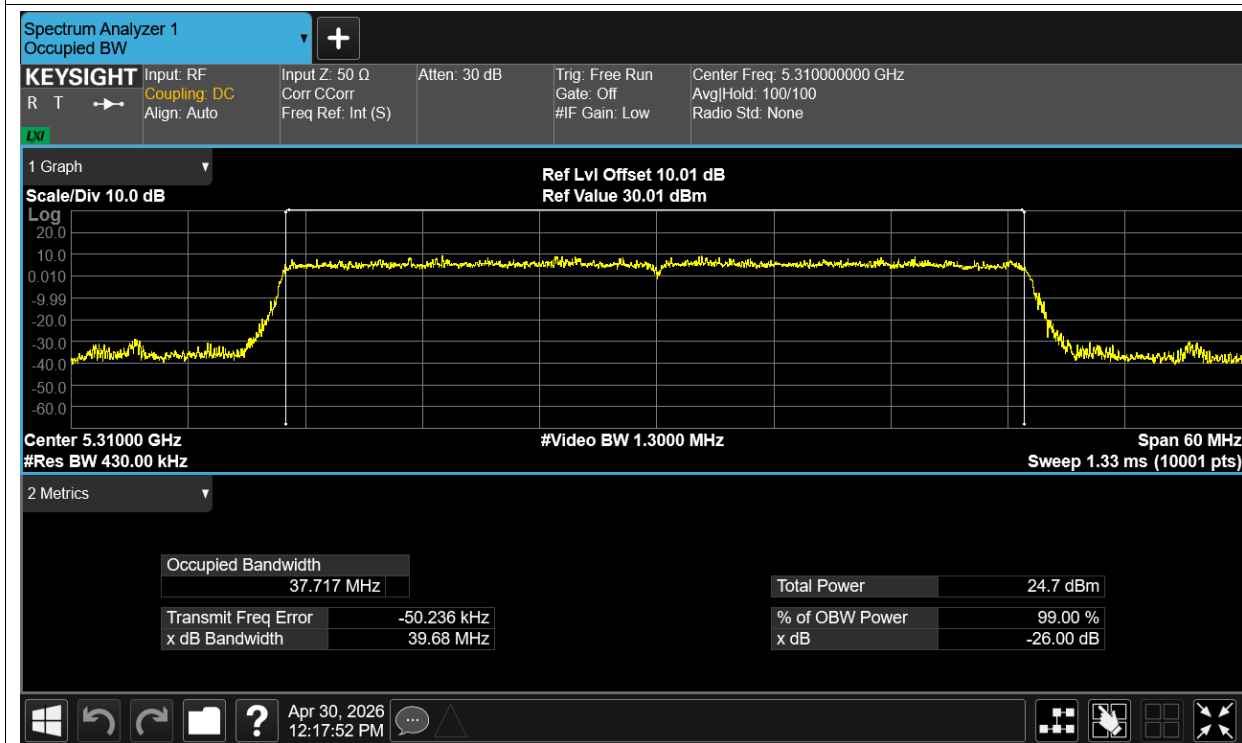
OBW NVNT ax40 5270MHz Ant2



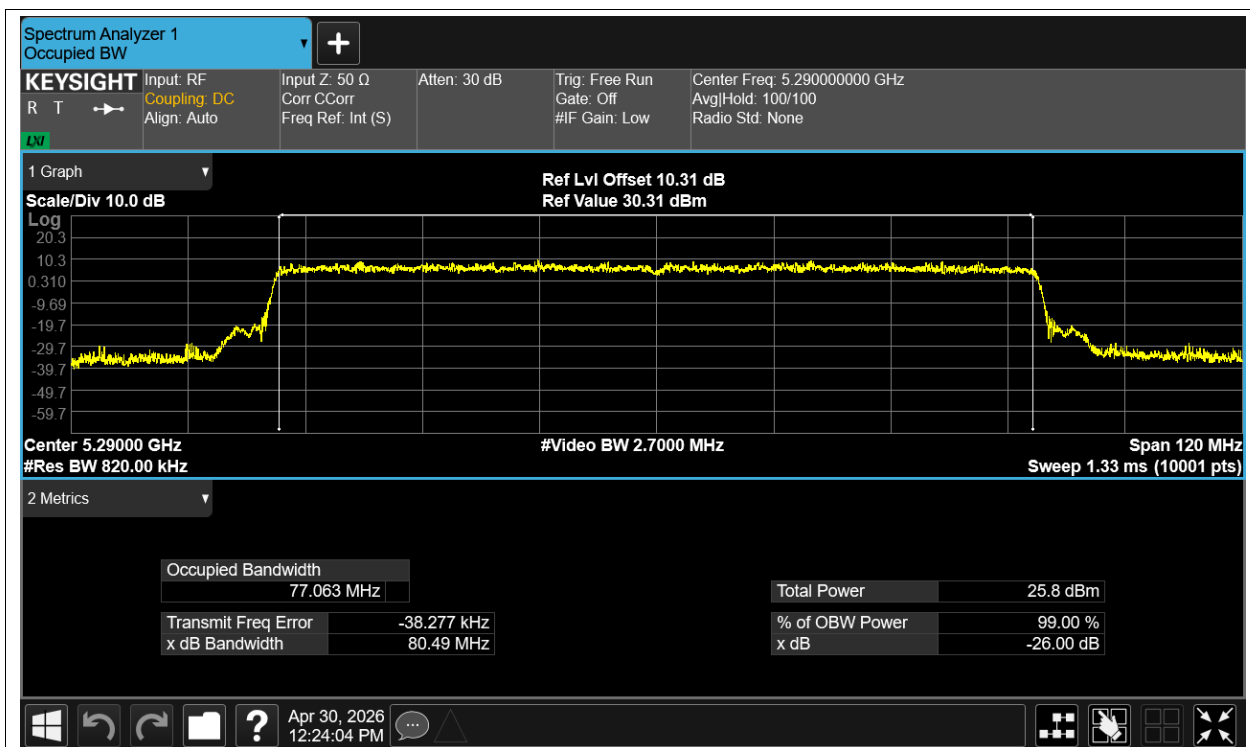
OBW NVNT ax40 5310MHz Ant1



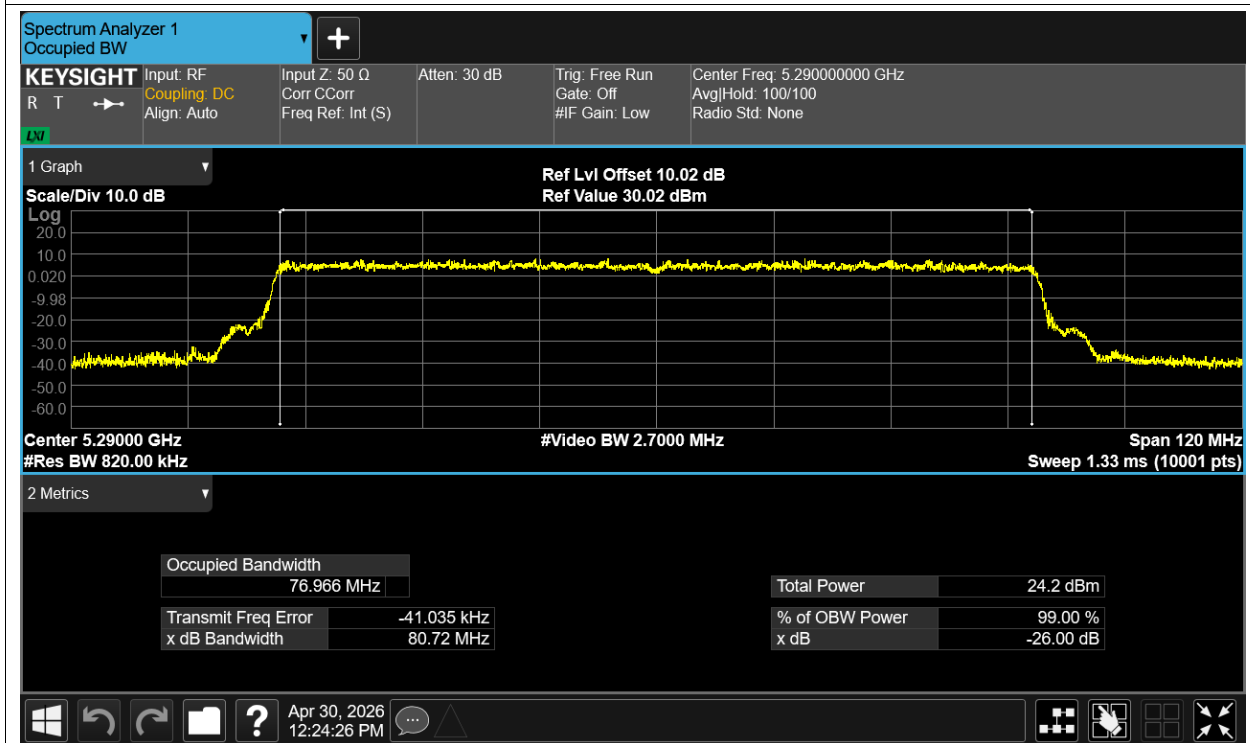
OBW NVNT ax40 5310MHz Ant2



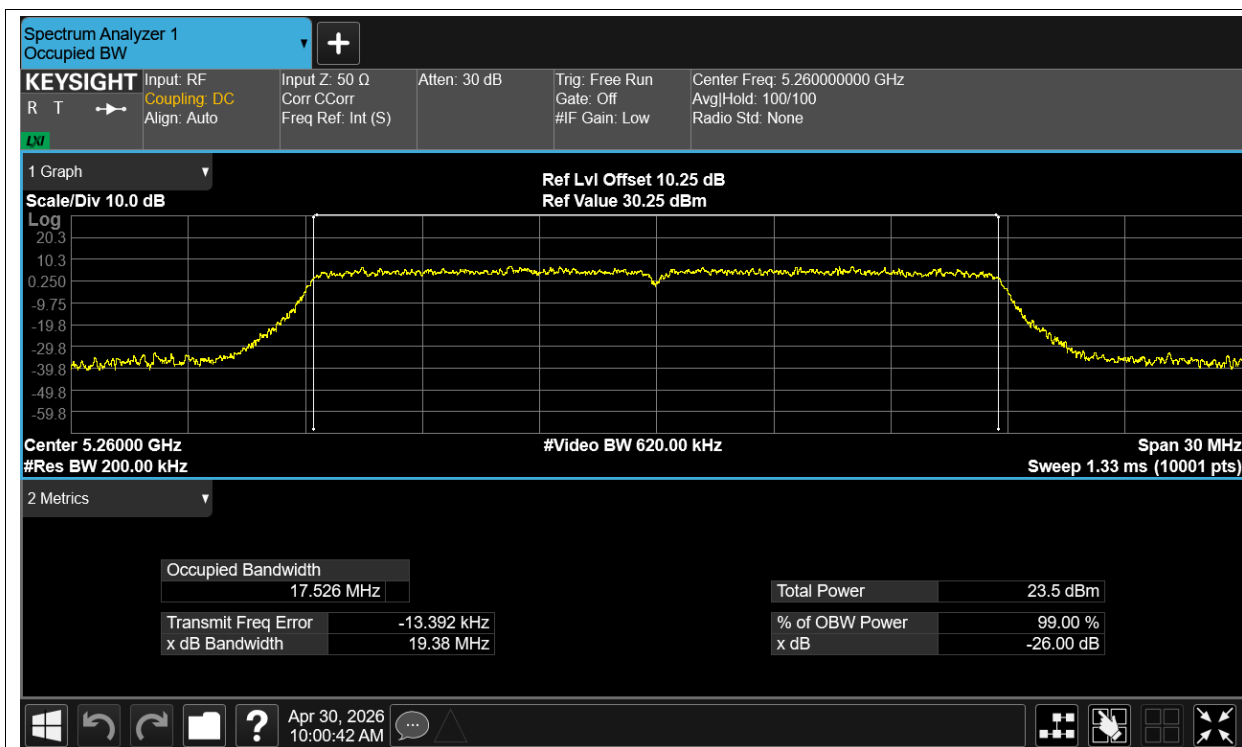
OBW NVNT ax80 5290MHz Ant1



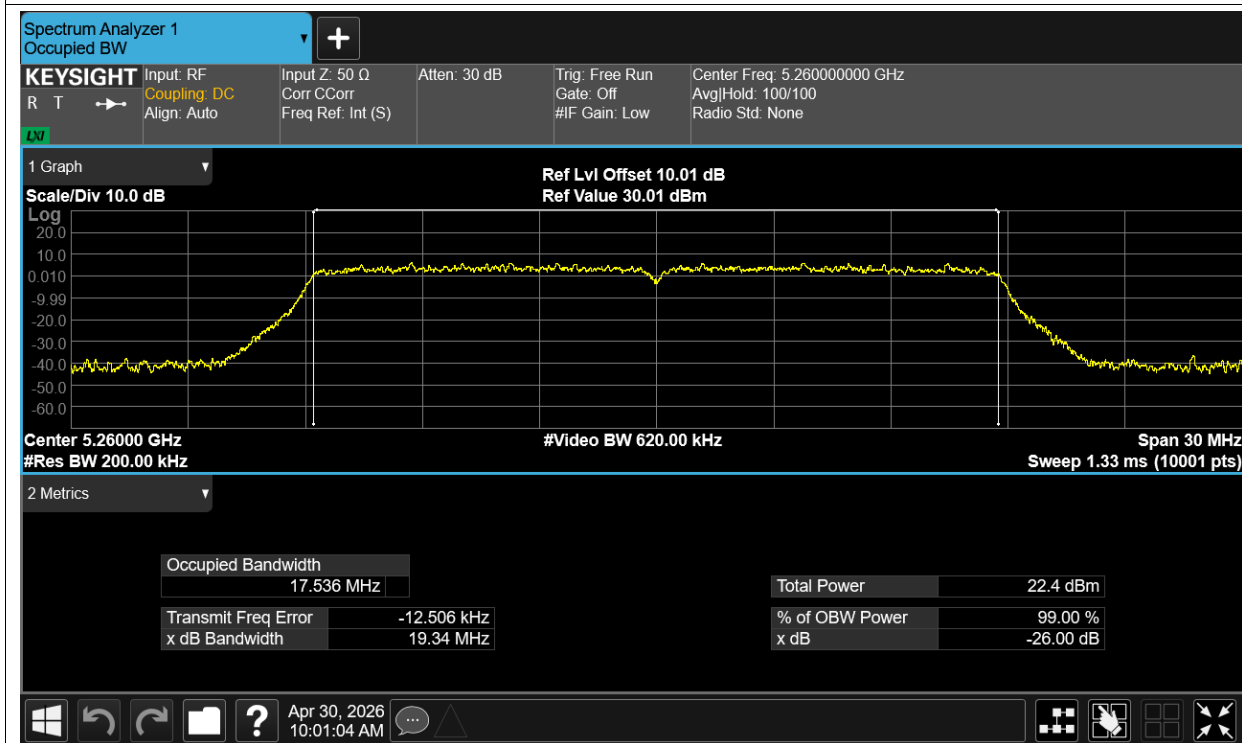
OBW NVNT ax80 5290MHz Ant2



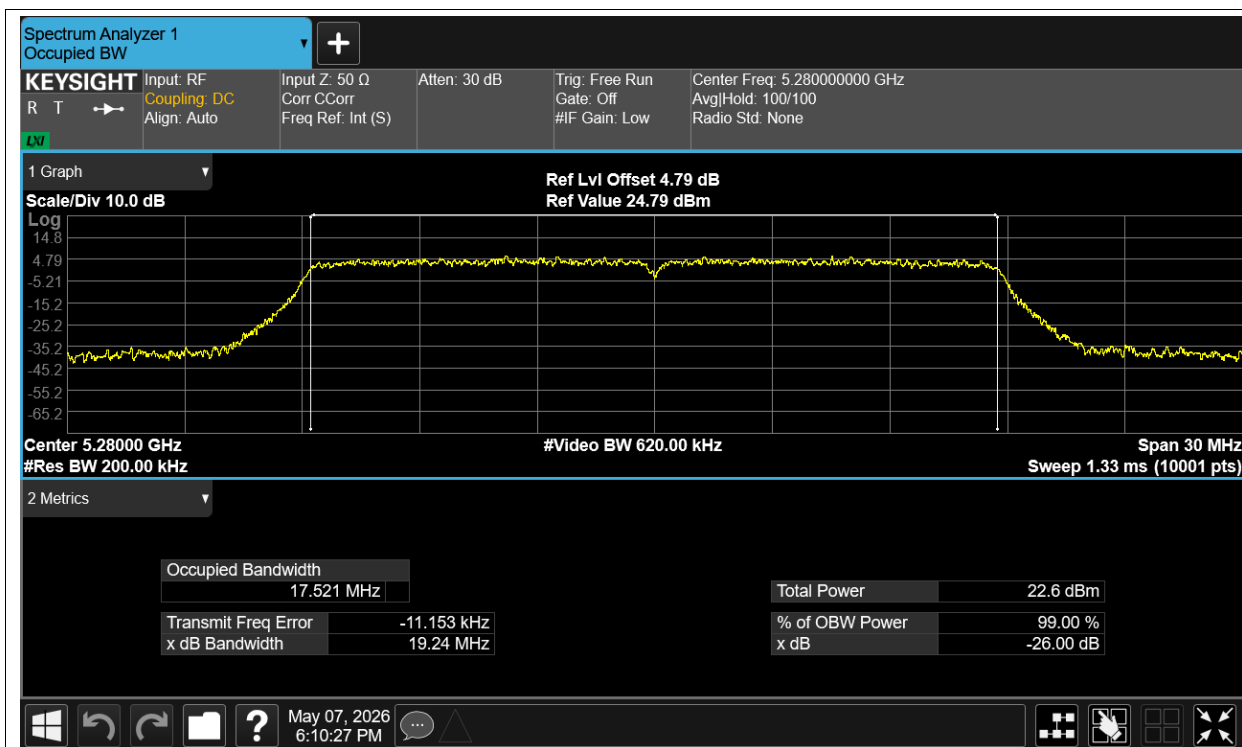
OBW NVNT n20 5260MHz Ant1



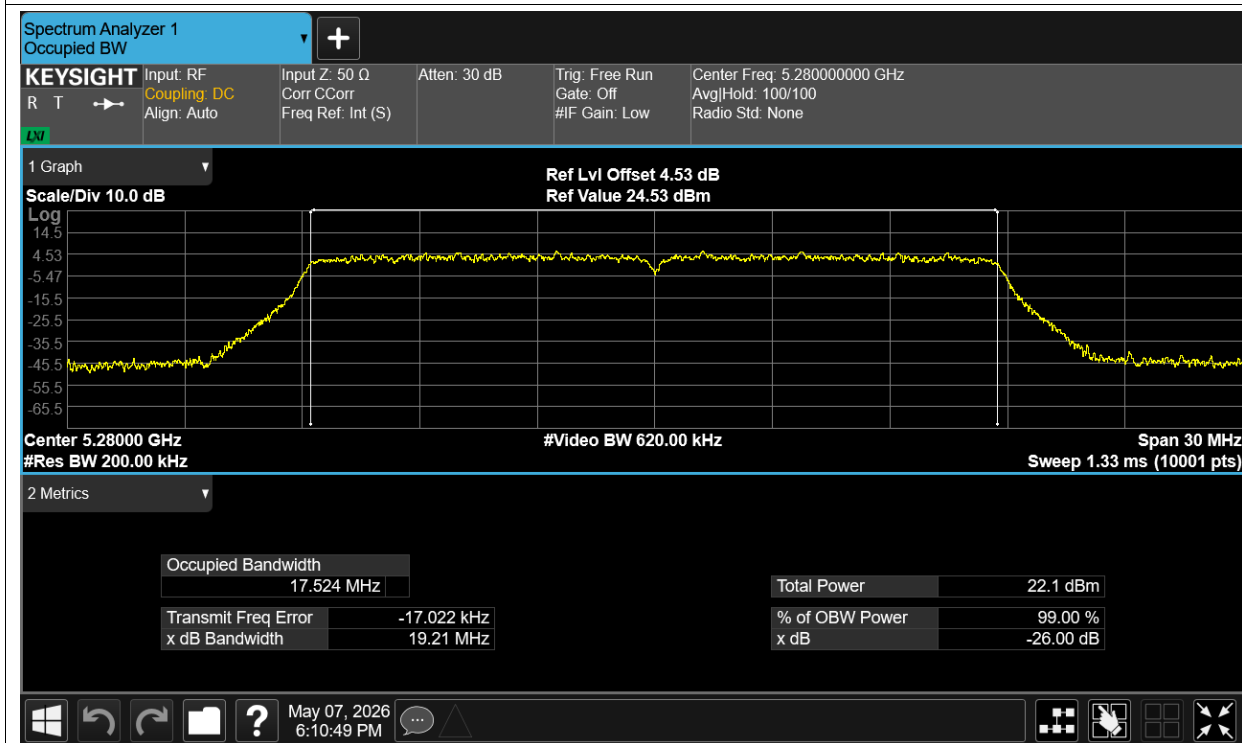
OBW NVNT n20 5260MHz Ant2



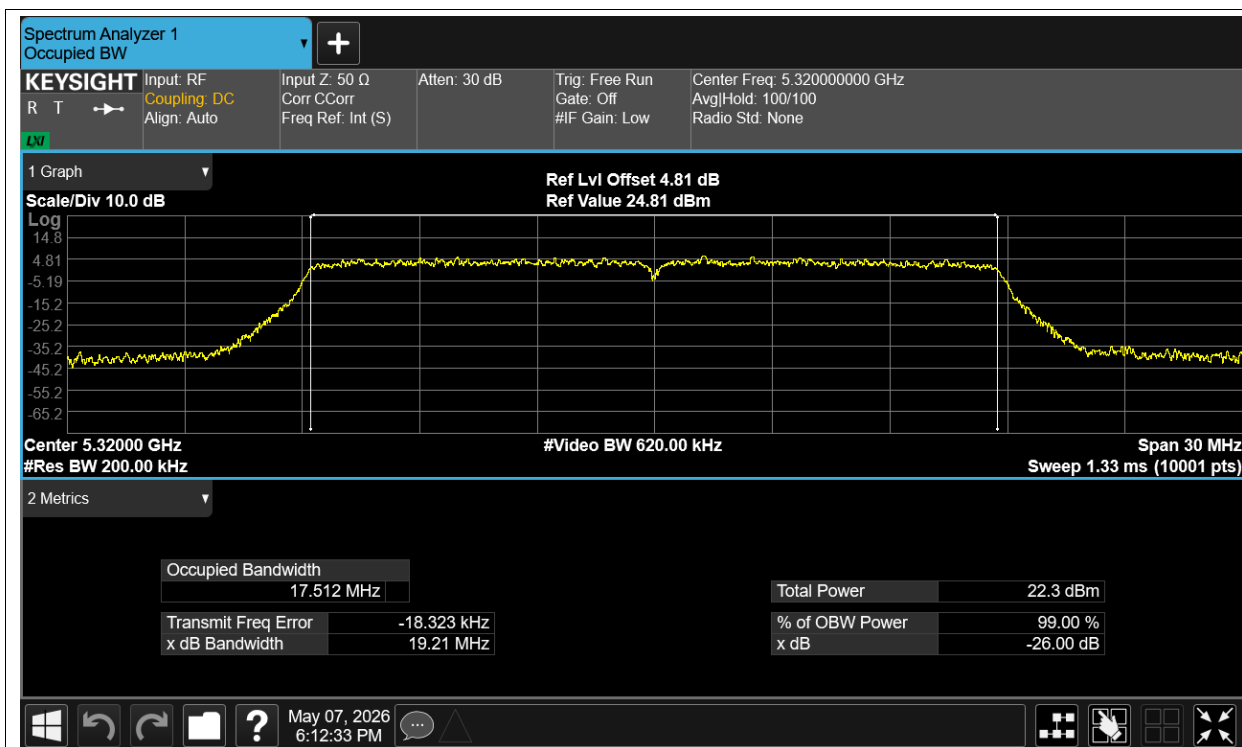
OBW NVNT n20 5280MHz Ant1



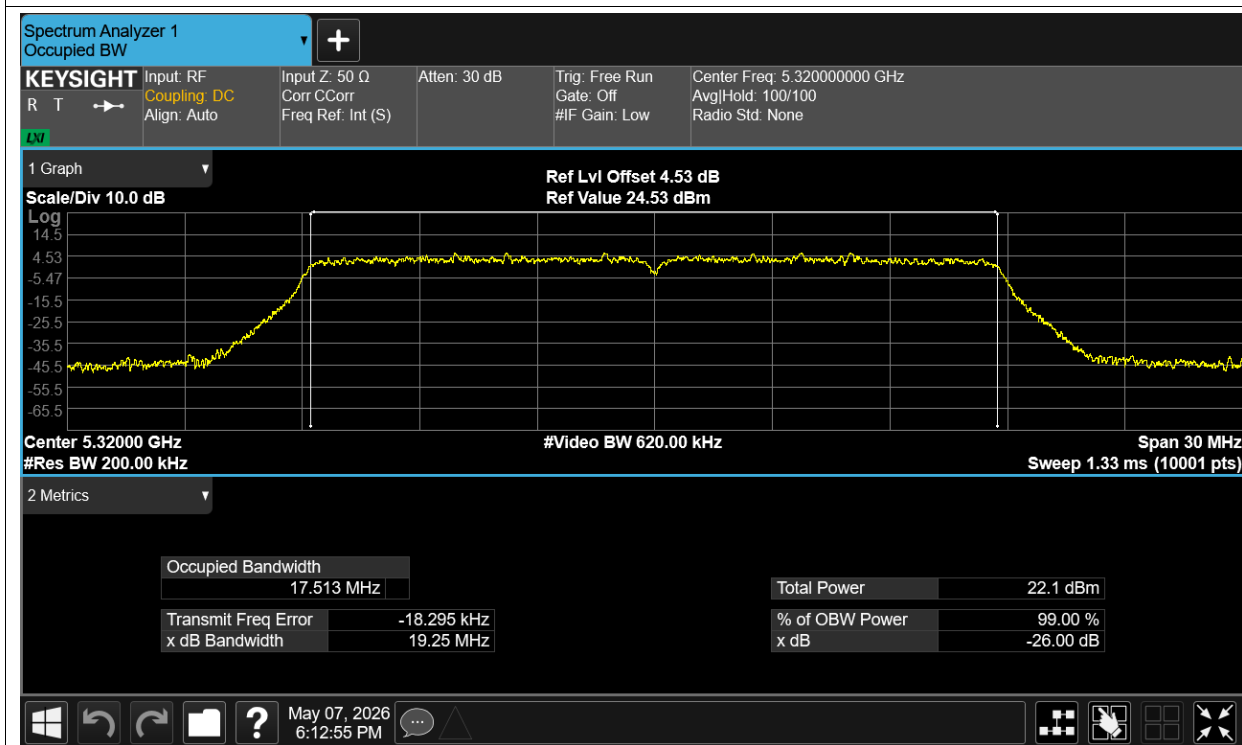
OBW NVNT n20 5280MHz Ant2



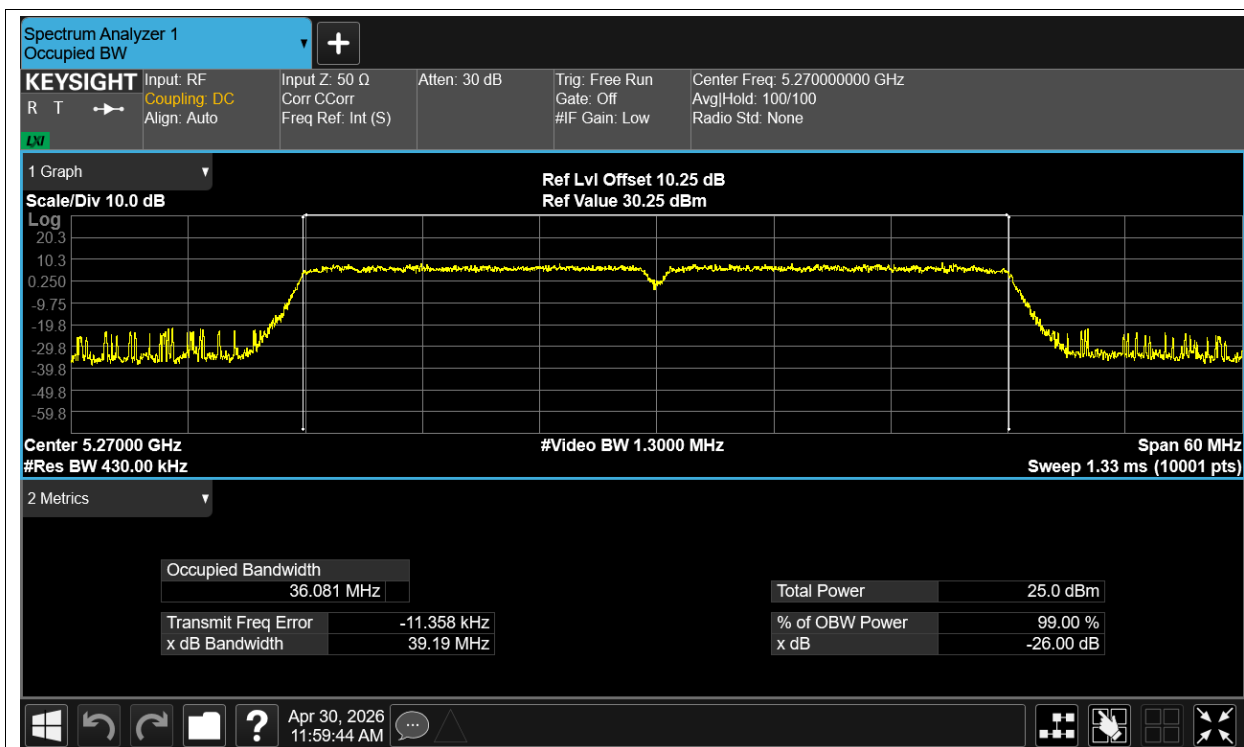
OBW NVNT n20 5320MHz Ant1



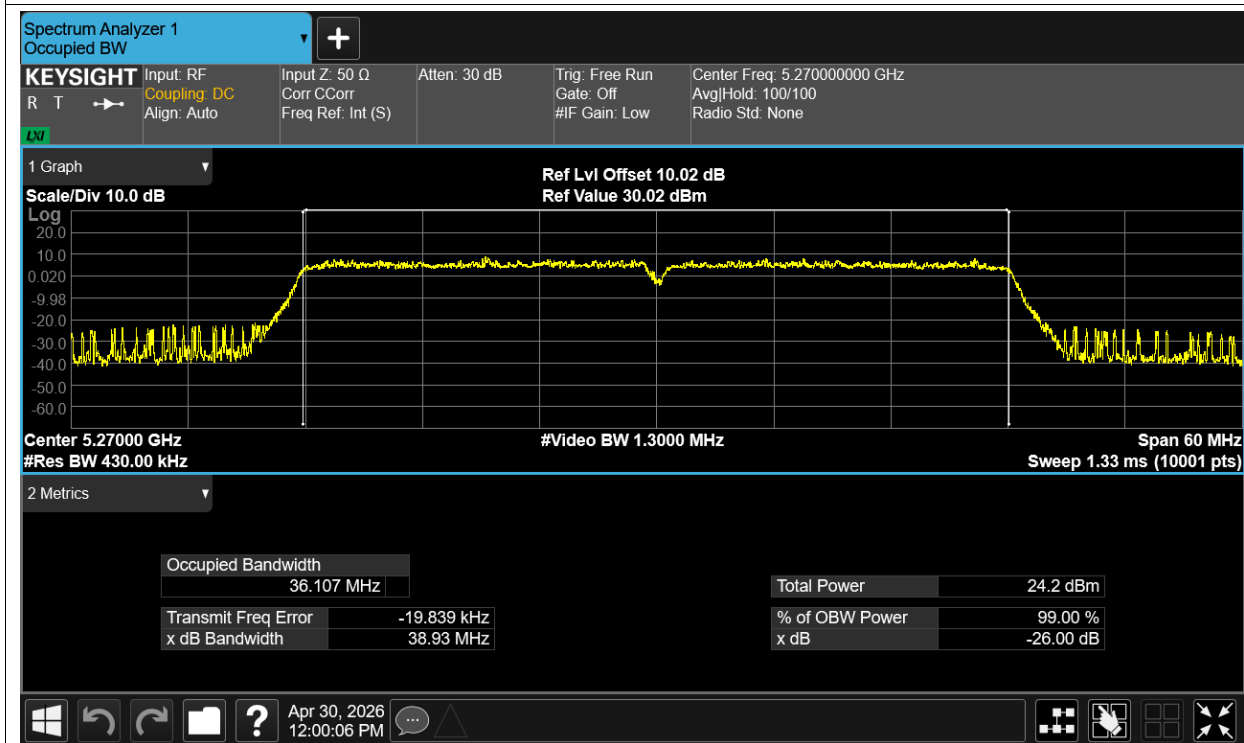
OBW NVNT n20 5320MHz Ant2



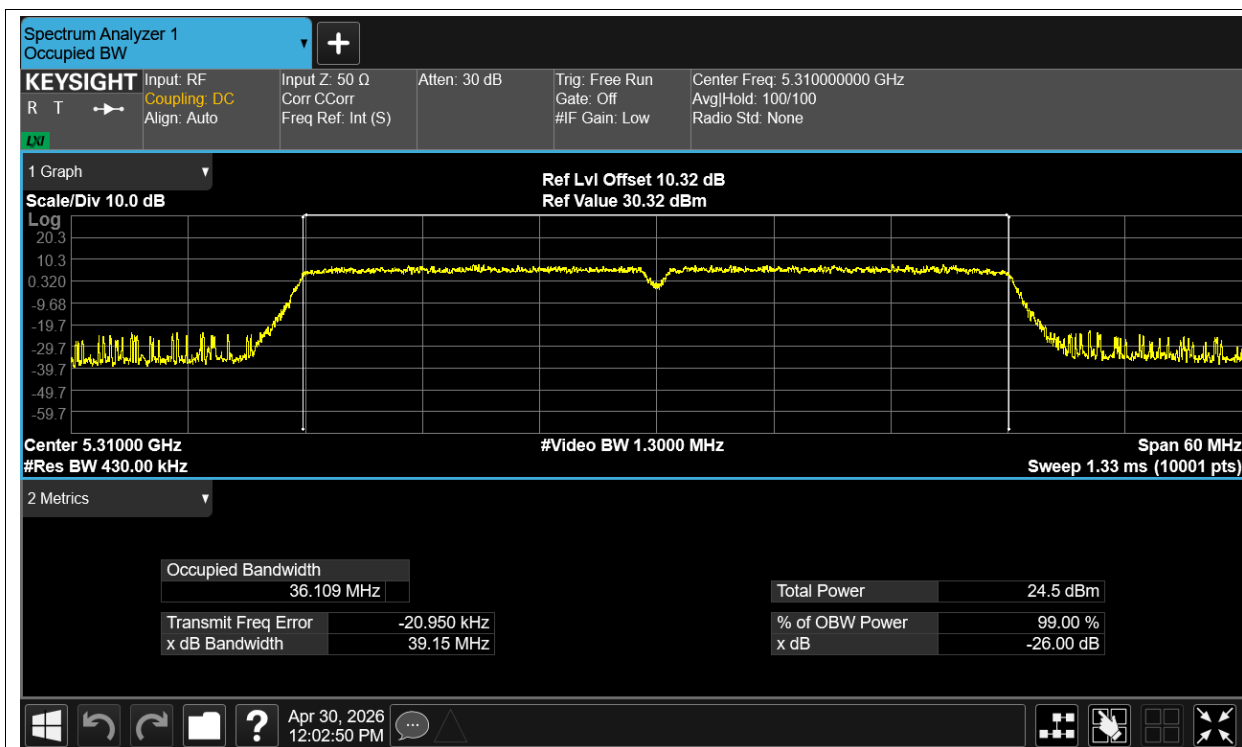
OBW NVNT n40 5270MHz Ant1



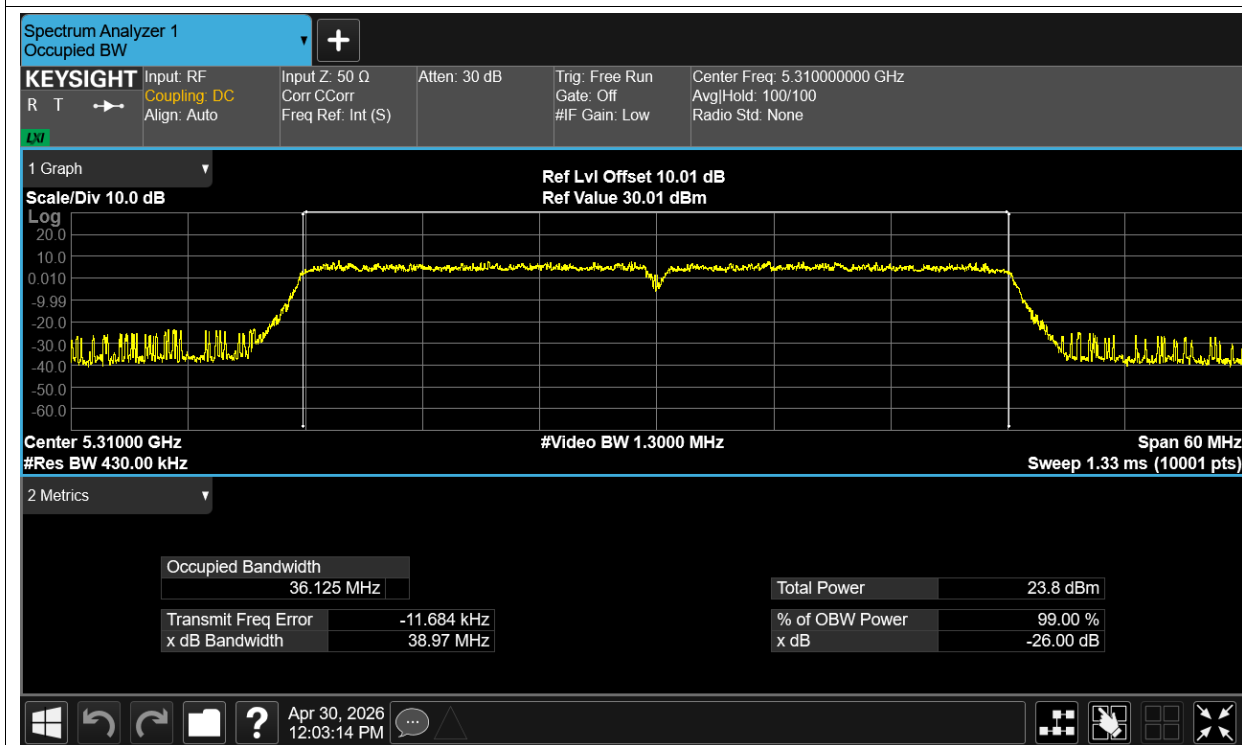
OBW NVNT n40 5270MHz Ant2



OBW NVNT n40 5310MHz Ant1



OBW NVNT n40 5310MHz Ant2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Duty Factor (dB)	Max PSD (dBm/MHz)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	0	8.704	8.704	11	Pass
NVNT	a	5280	Ant1	0.02	8.018	8.038	11	Pass
NVNT	a	5320	Ant1	0.02	7.987	8.007	11	Pass
NVNT	a	5260	Ant2	0.02	8.165	8.185	11	Pass
NVNT	a	5280	Ant2	0.02	8.502	8.522	11	Pass
NVNT	a	5320	Ant2	0.02	7.959	7.979	11	Pass
NVNT	ac20	5260	Ant1	0.02	6.052	6.072	9.14	Pass
NVNT	ac20	5260	Ant2	0.02	5.453	5.473	9.14	Pass
NVNT	ac20	5260	Sum	0.02	8.773	8.793	9.14	Pass
NVNT	ac20	5280	Ant1	0.02	6.206	6.226	9.14	Pass
NVNT	ac20	5280	Ant2	0.02	5.943	5.963	9.14	Pass
NVNT	ac20	5280	Sum	0.02	9.087	9.107	9.14	Pass
NVNT	ac20	5320	Ant1	0.02	5.873	5.893	9.14	Pass
NVNT	ac20	5320	Ant2	0.02	5.649	5.669	9.14	Pass
NVNT	ac20	5320	Sum	0.02	8.773	8.793	9.14	Pass
NVNT	ac40	5270	Ant1	0.04	5.592	5.632	9.14	Pass
NVNT	ac40	5270	Ant2	0.04	4.63	4.67	9.14	Pass
NVNT	ac40	5270	Sum	0.04	8.148	8.188	9.14	Pass
NVNT	ac40	5310	Ant1	0.04	5.041	5.081	9.14	Pass
NVNT	ac40	5310	Ant2	0.04	4.234	4.274	9.14	Pass
NVNT	ac40	5310	Sum	0.04	7.667	7.707	9.14	Pass
NVNT	ac80	5290	Ant1	0.08	1.487	1.567	9.14	Pass
NVNT	ac80	5290	Ant2	0.08	0.242	0.322	9.14	Pass
NVNT	ac80	5290	Sum	0.08	3.919	3.999	9.14	Pass
NVNT	ax20	5260	Ant1	0.02	6.282	6.302	9.14	Pass
NVNT	ax20	5260	Ant2	0.02	5.763	5.783	9.14	Pass
NVNT	ax20	5260	Sum	0.02	9.041	9.061	9.14	Pass
NVNT	ax20	5280	Ant1	0.02	6.696	6.716	11	Pass
NVNT	ax20	5280	Ant2	0.02	5.356	5.376	11	Pass
NVNT	ax20	5280	Sum	0.02	9.088	9.108	11	Pass
NVNT	ax20	5320	Ant1	0.02	5.86	5.88	9.14	Pass
NVNT	ax20	5320	Ant2	0.02	5.535	5.555	9.14	Pass
NVNT	ax20	5320	Sum	0.02	8.711	8.731	9.14	Pass
NVNT	ax40	5270	Ant1	0.04	5.679	5.719	9.14	Pass
NVNT	ax40	5270	Ant2	0.04	4.44	4.48	9.14	Pass
NVNT	ax40	5270	Sum	0.04	8.114	8.154	9.14	Pass
NVNT	ax40	5310	Ant1	0.04	5.111	5.151	9.14	Pass
NVNT	ax40	5310	Ant2	0.04	4.288	4.328	9.14	Pass
NVNT	ax40	5310	Sum	0.04	7.729	7.769	9.14	Pass

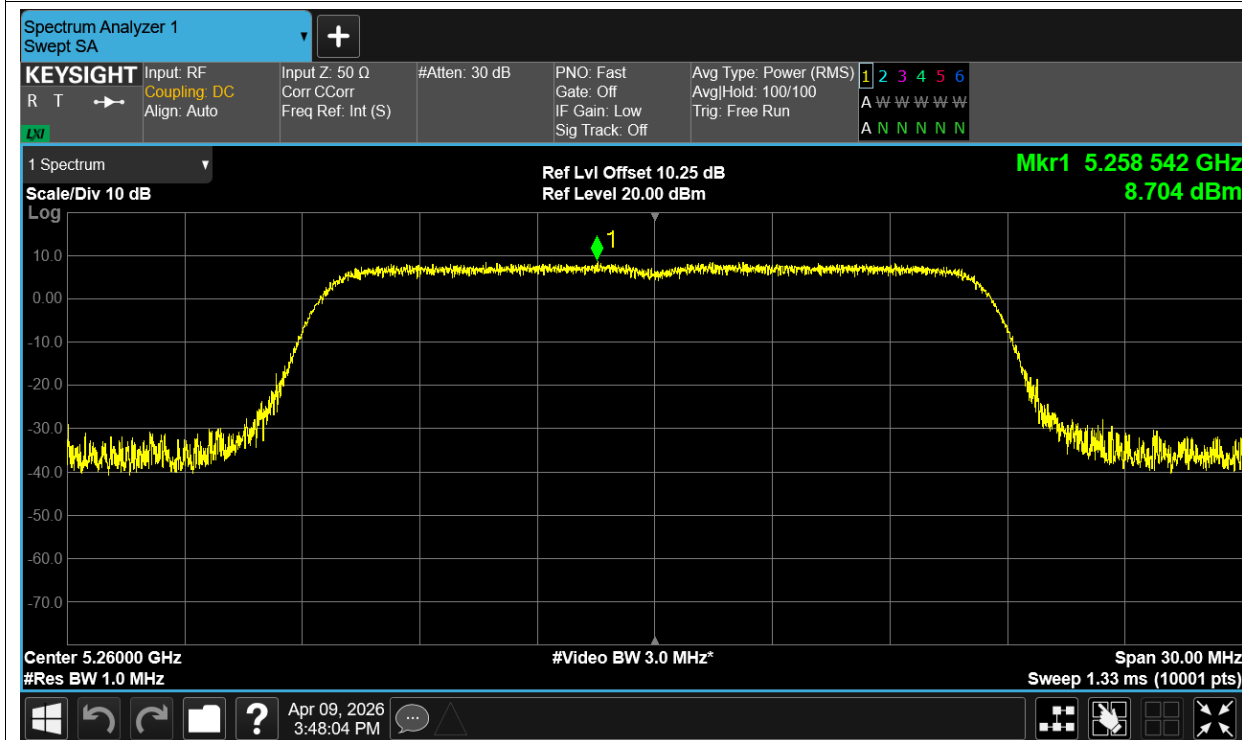
NVNT	ax80	5290	Ant1	0.08	1.99	2.07	9.14	Pass
NVNT	ax80	5290	Ant2	0.08	0.179	0.259	9.14	Pass
NVNT	ax80	5290	Sum	0.08	4.189	4.269	9.14	Pass
NVNT	n20	5260	Ant1	0.02	6.306	6.326	9.14	Pass
NVNT	n20	5260	Ant2	0.02	5.911	5.931	9.14	Pass
NVNT	n20	5260	Sum	0.02	9.123	9.143	9.14	Pass
NVNT	n20	5280	Ant1	0.02	6.239	6.259	9.14	Pass
NVNT	n20	5280	Ant2	0.02	5.905	5.925	9.14	Pass
NVNT	n20	5280	Sum	0.02	9.086	9.106	9.14	Pass
NVNT	n20	5320	Ant1	0.02	5.89	5.91	9.14	Pass
NVNT	n20	5320	Ant2	0.02	5.769	5.789	9.14	Pass
NVNT	n20	5320	Sum	0.02	8.84	8.86	9.14	Pass
NVNT	n40	5270	Ant1	0.04	5.669	5.709	9.14	Pass
NVNT	n40	5270	Ant2	0.04	4.331	4.371	9.14	Pass
NVNT	n40	5270	Sum	0.04	8.062	8.102	9.14	Pass
NVNT	n40	5310	Ant1	0.04	4.827	4.867	9.14	Pass
NVNT	n40	5310	Ant2	0.04	4.397	4.437	9.14	Pass
NVNT	n40	5310	Sum	0.04	7.628	7.668	9.14	Pass

Note: The limits need reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

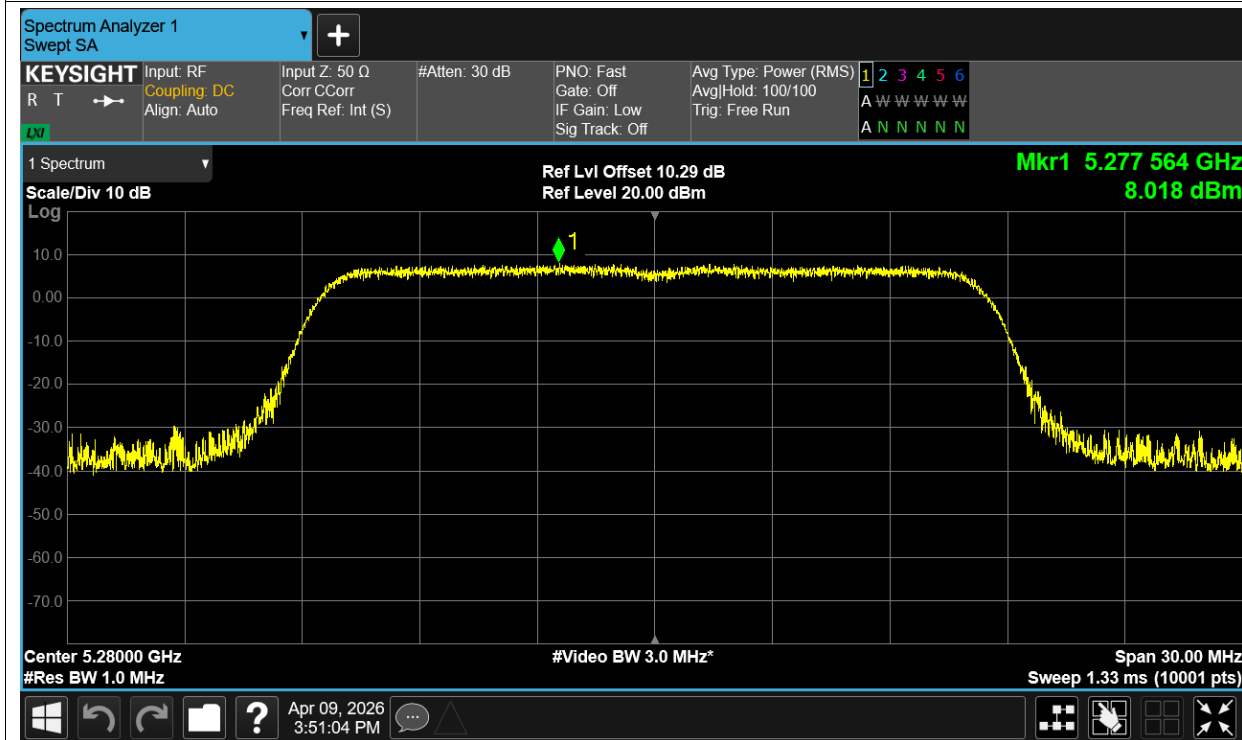
For MIMO mode: ant gain is $4.85+10*\log_{10}(2)=4.85+3.01=7.86$ dBi, the limit is $11-(7.86-6)=9.14$ dbm.

Test Graphs

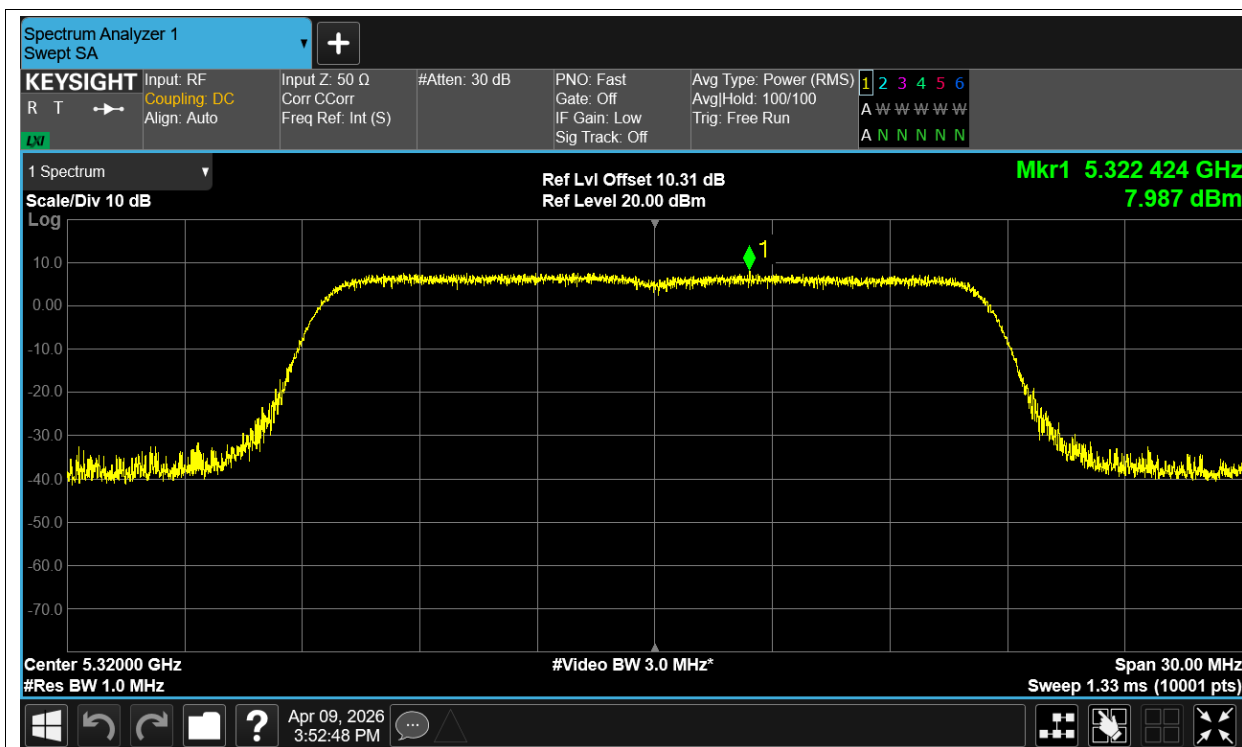
PSD NVNT a 5260MHz Ant1



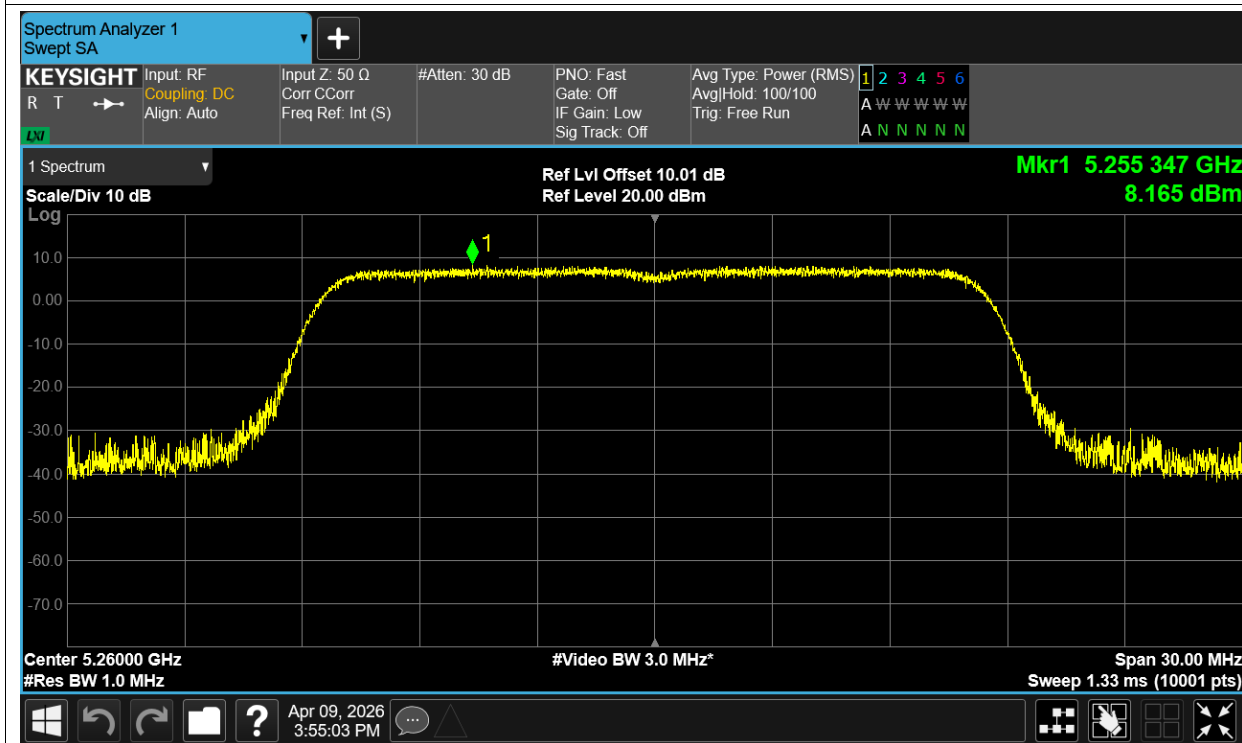
PSD NVNT a 5280MHz Ant1



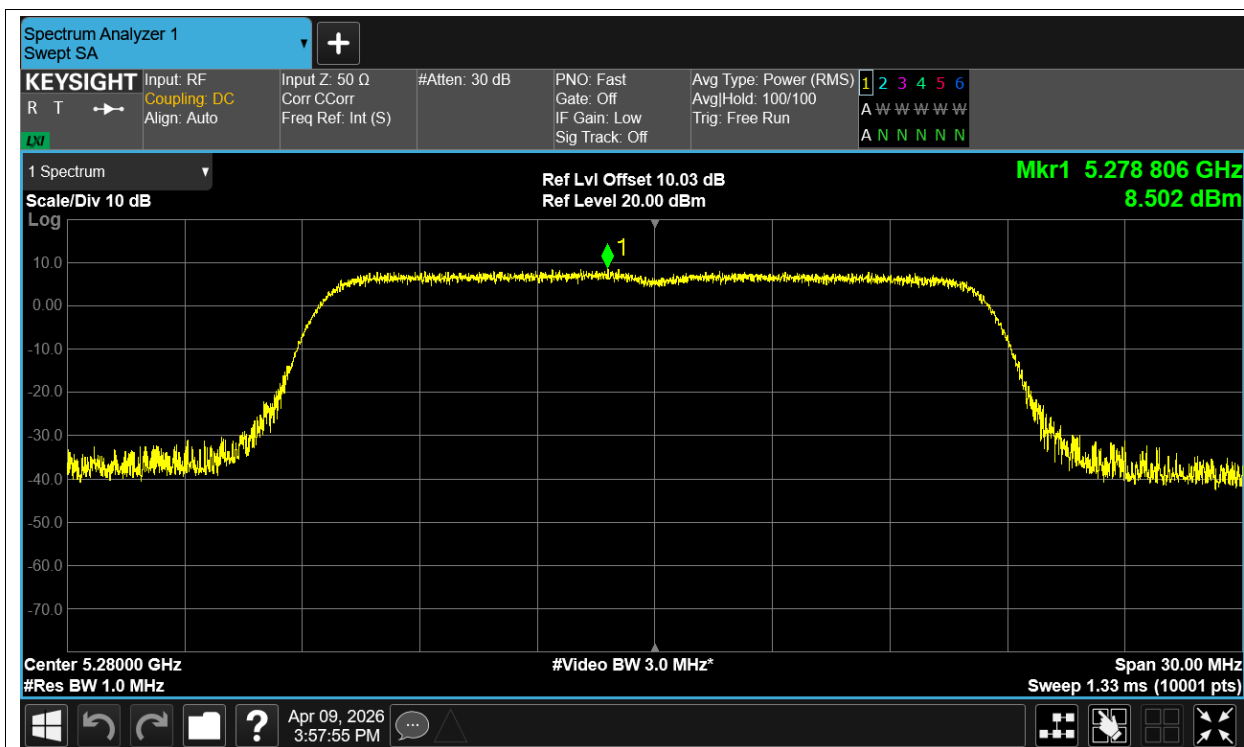
PSD NVNT a 5320MHz Ant1



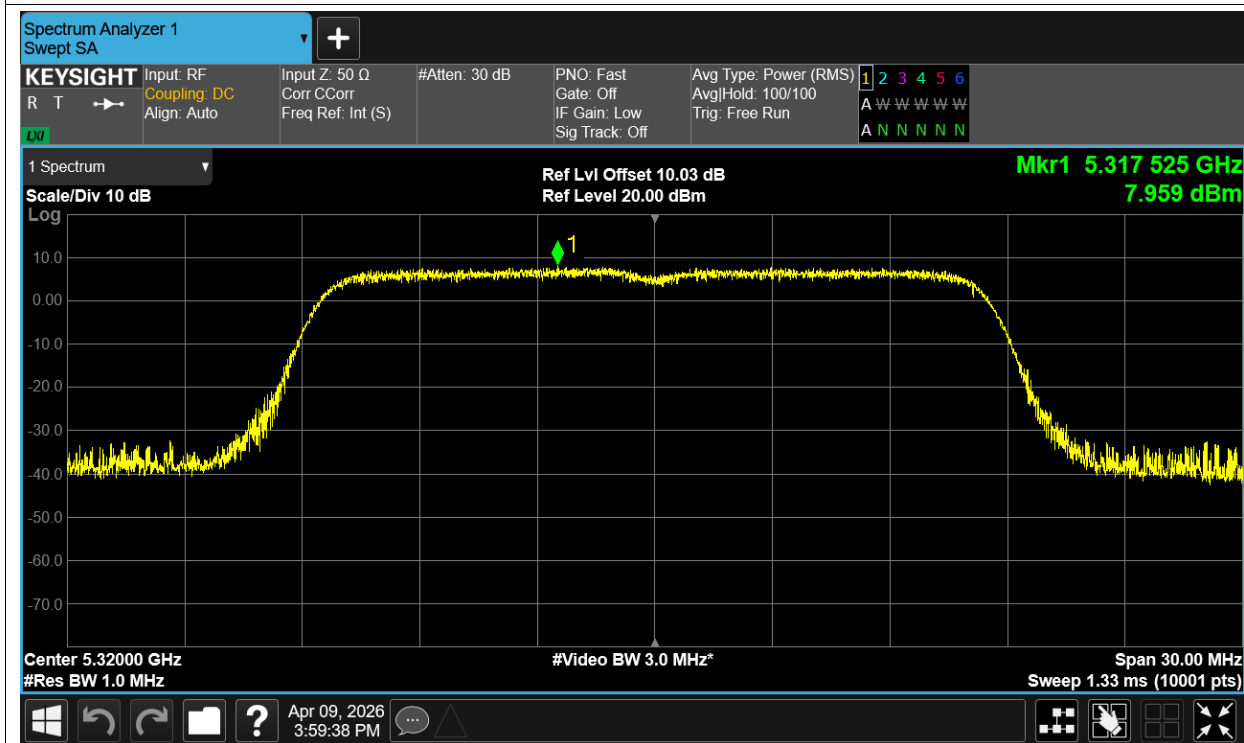
PSD NVNT a 5260MHz Ant2



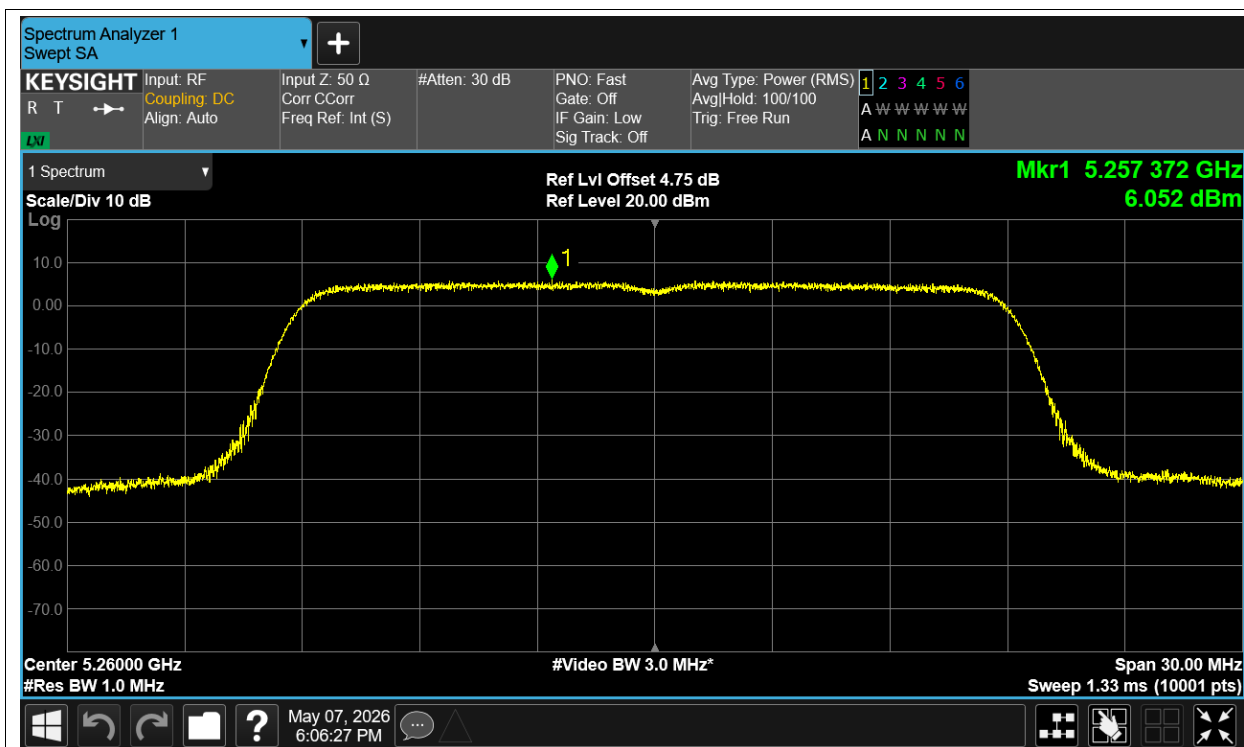
PSD NVNT a 5280MHz Ant2



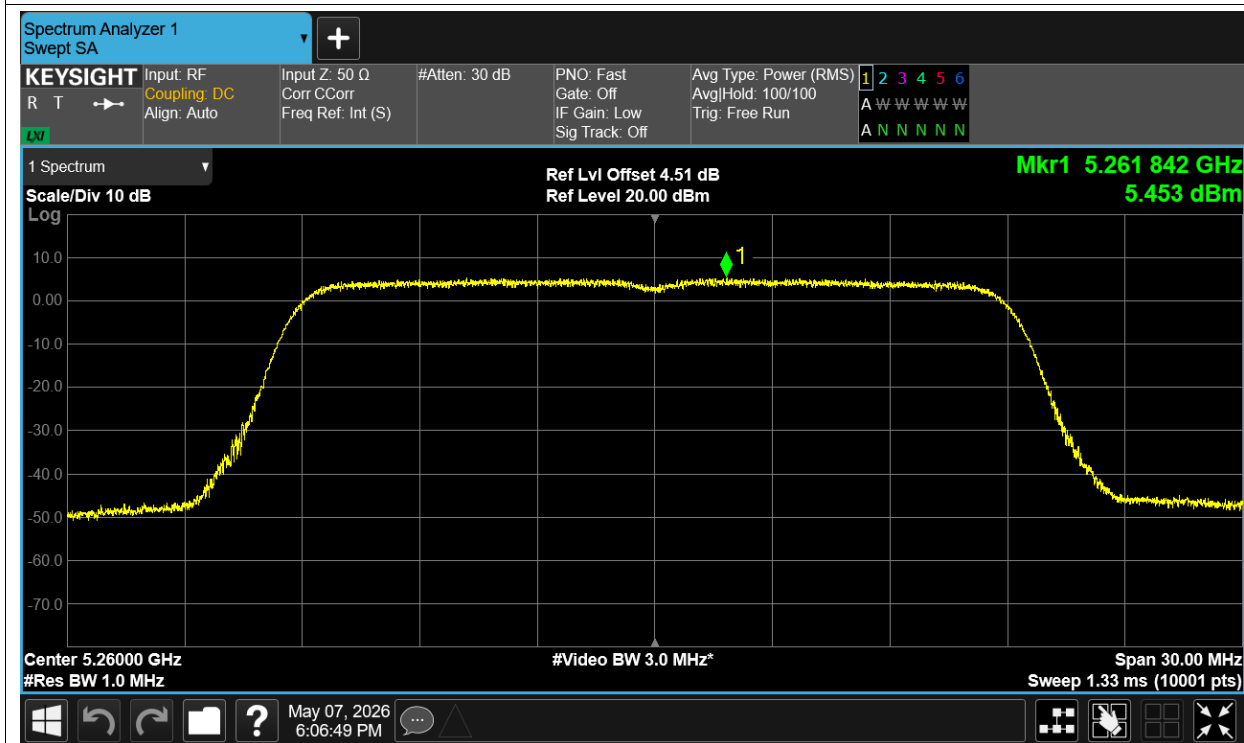
PSD NVNT a 5320MHz Ant2



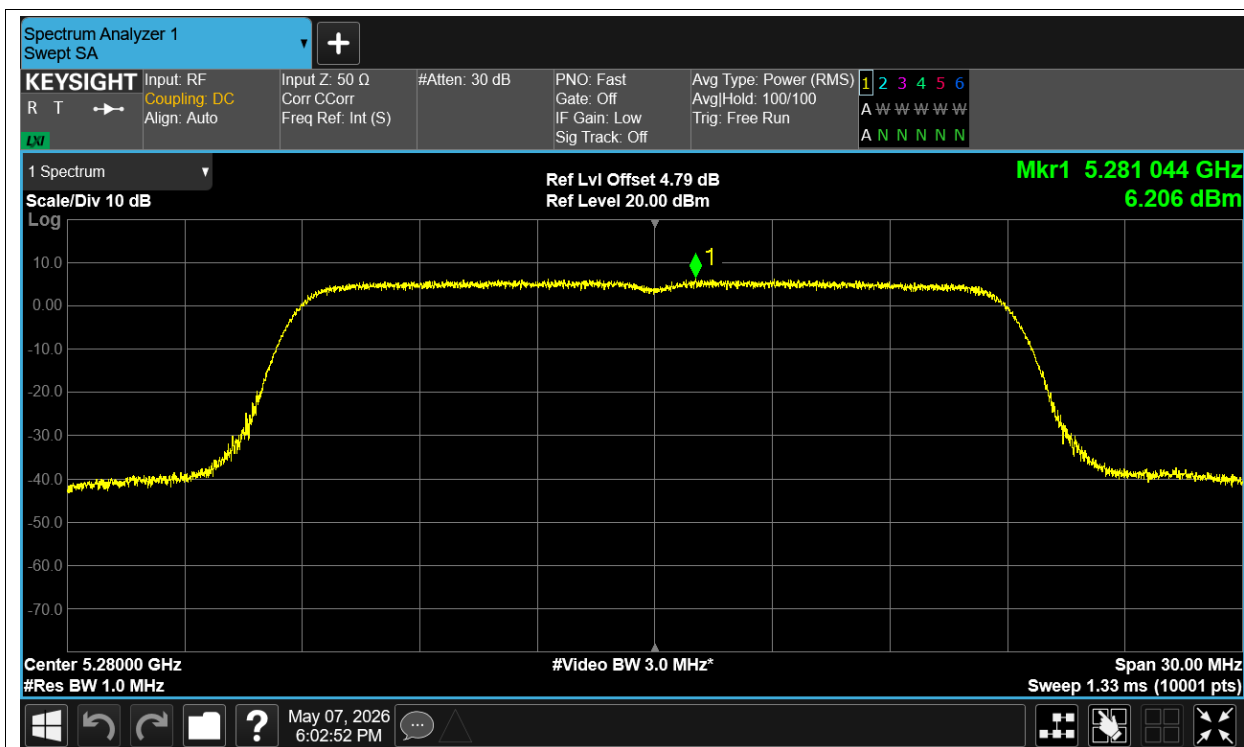
PSD NVNT ac20 5260MHz Ant1



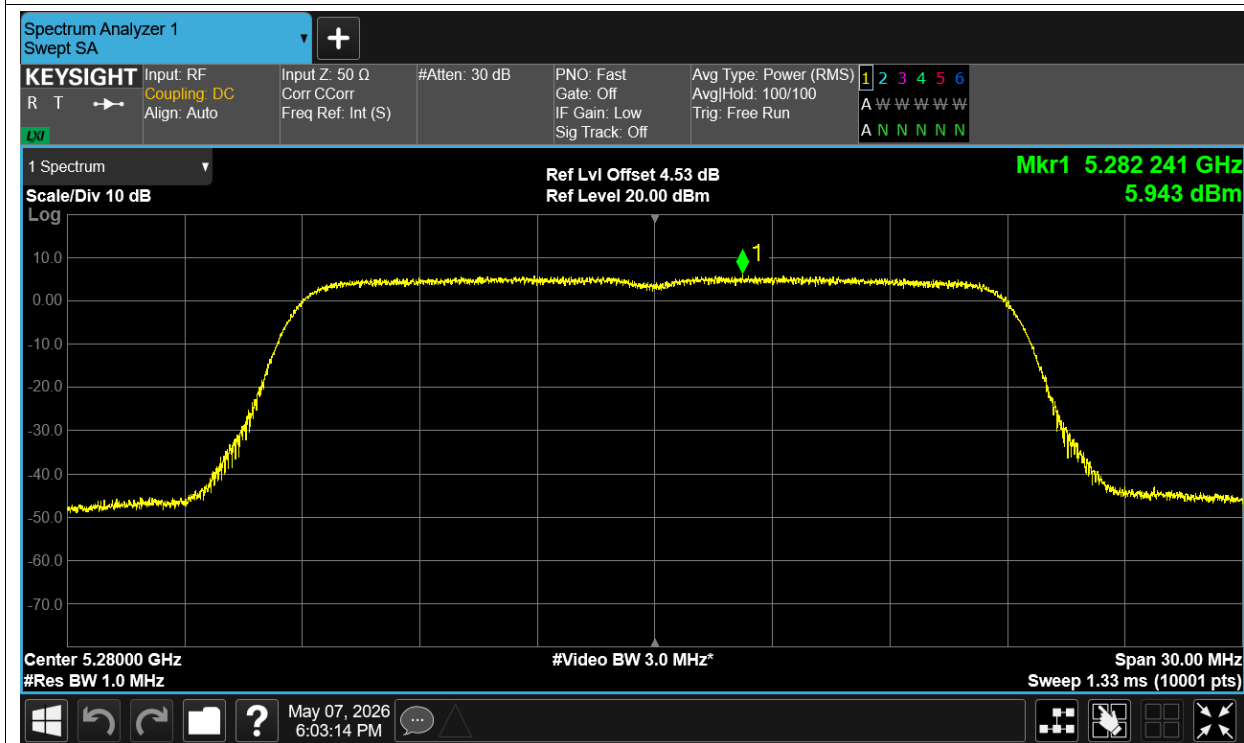
PSD NVNT ac20 5260MHz Ant2



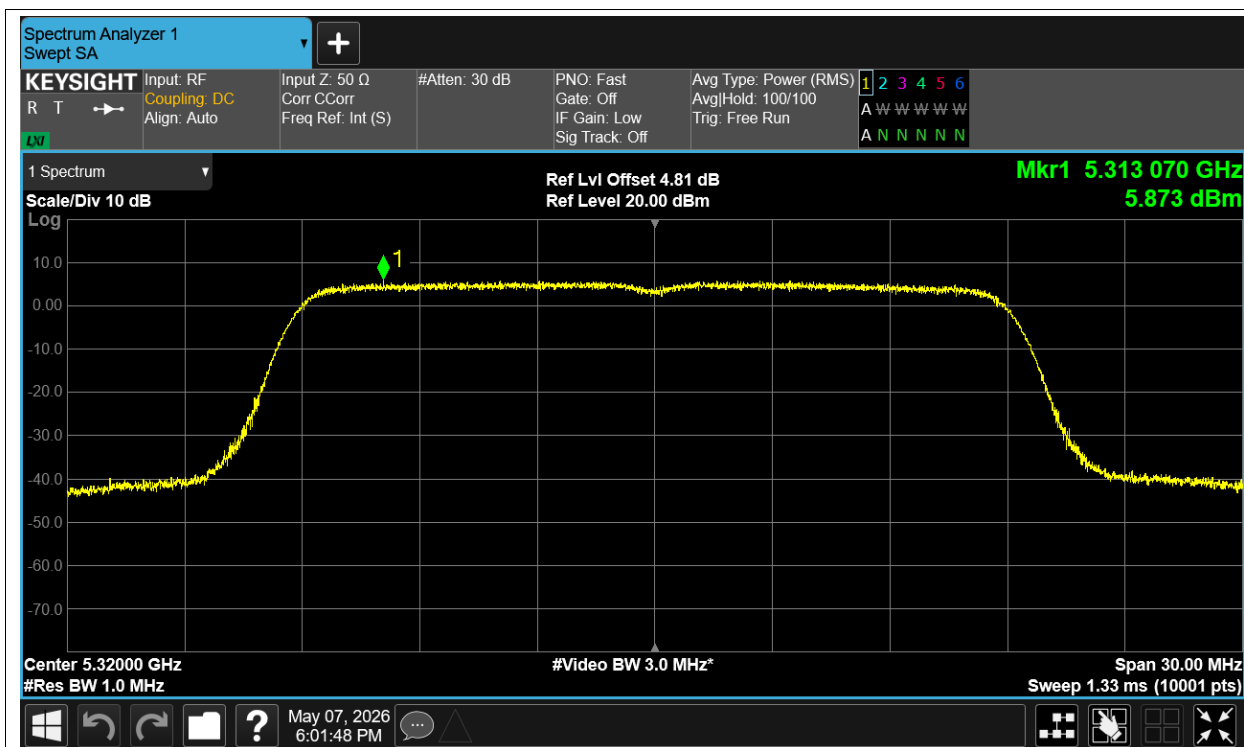
PSD NVNT ac20 5280MHz Ant1



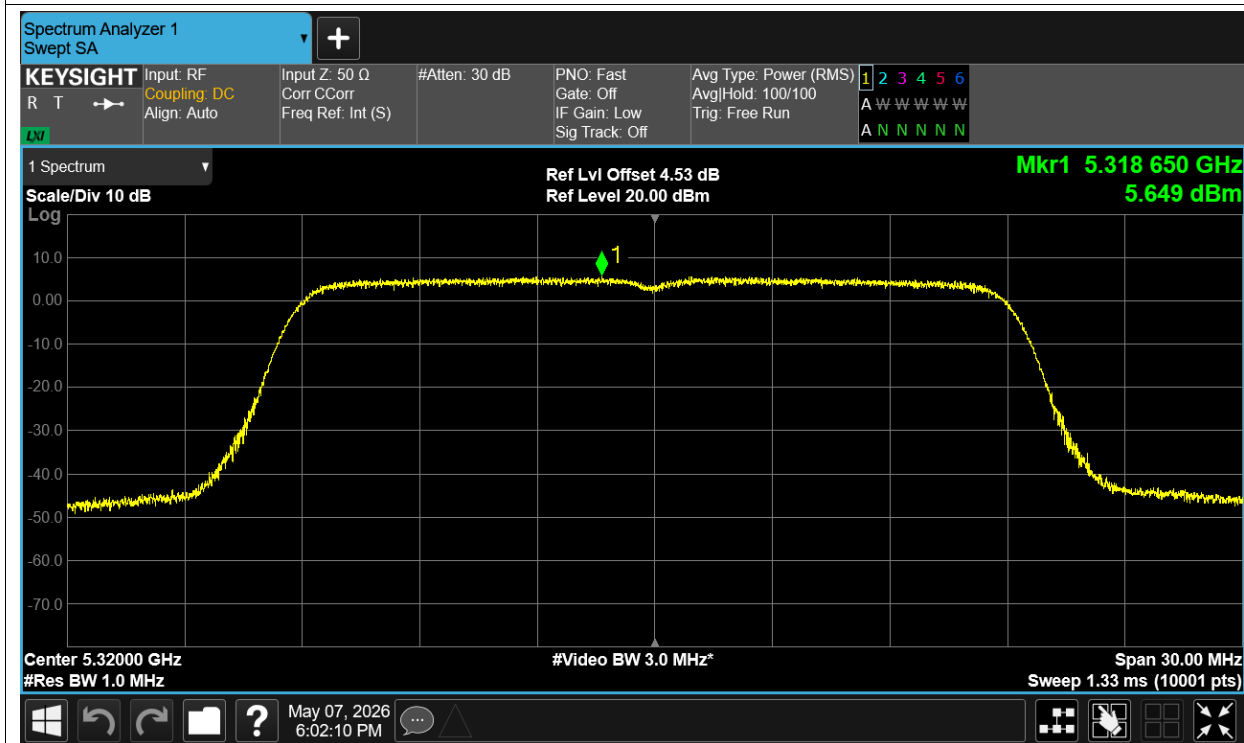
PSD NVNT ac20 5280MHz Ant2



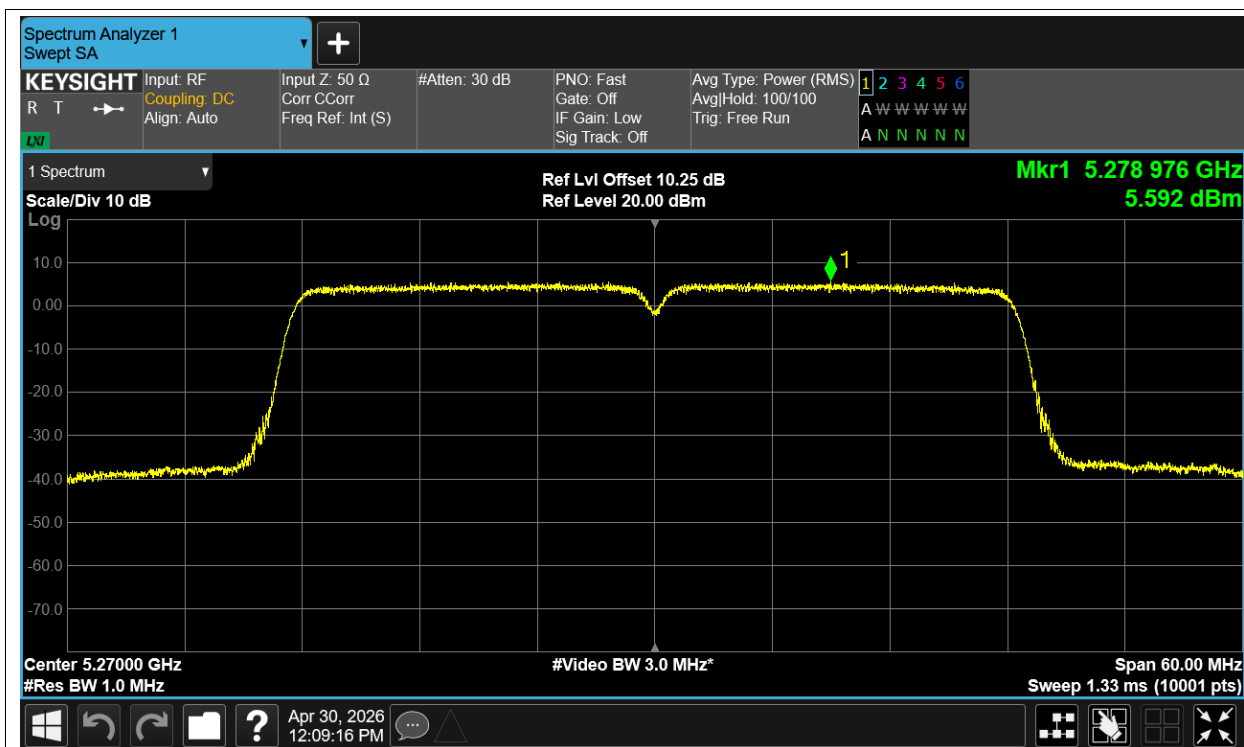
PSD NVNT ac20 5320MHz Ant1



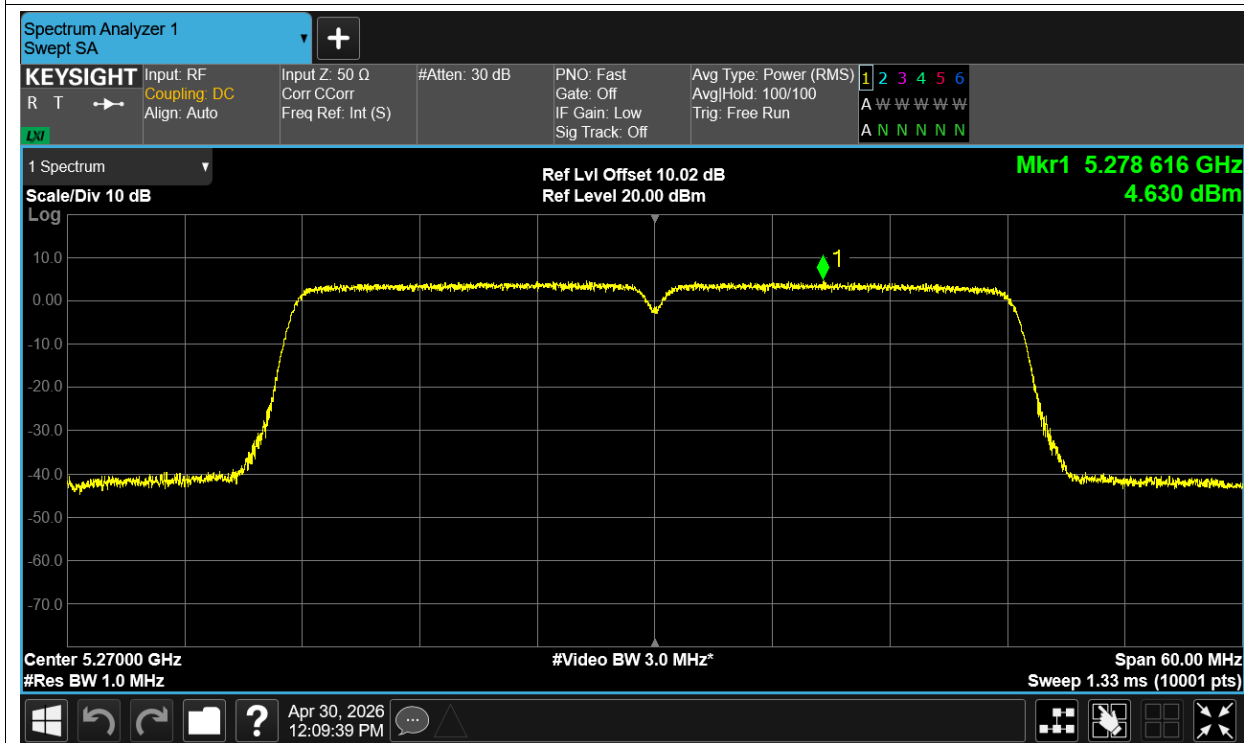
PSD NVNT ac20 5320MHz Ant2



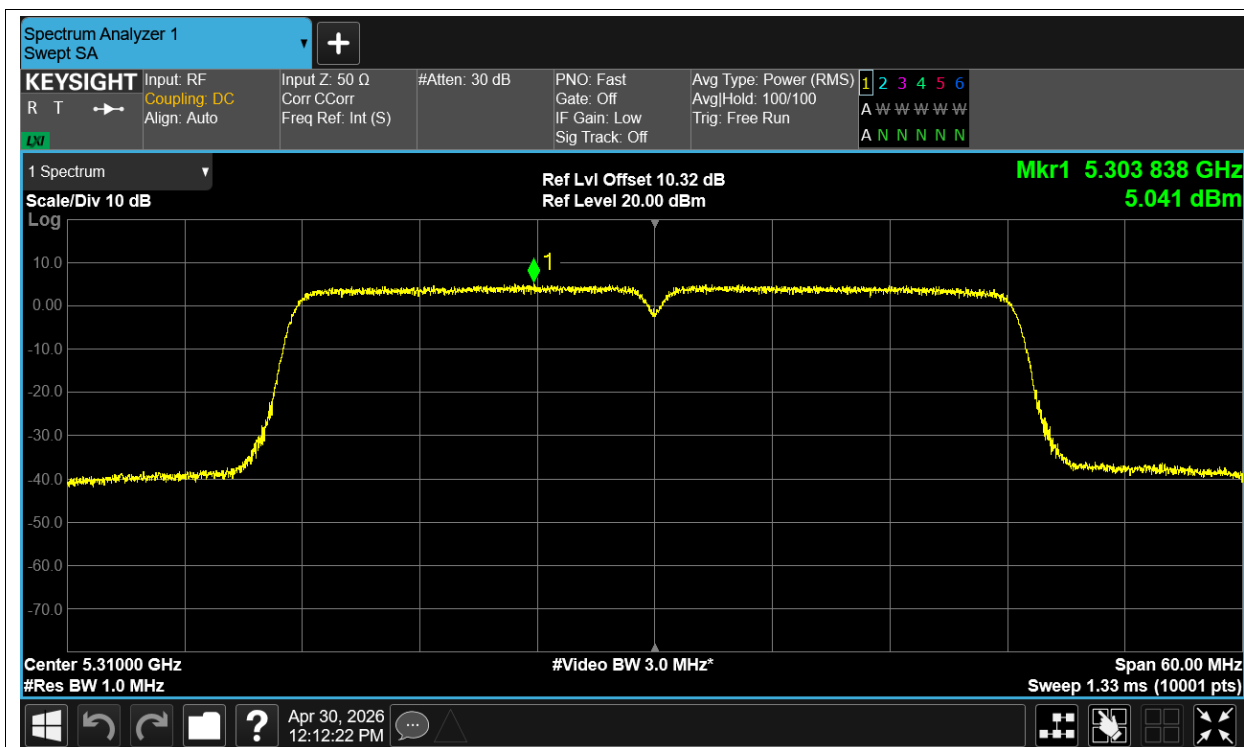
PSD NVNT ac40 5270MHz Ant1



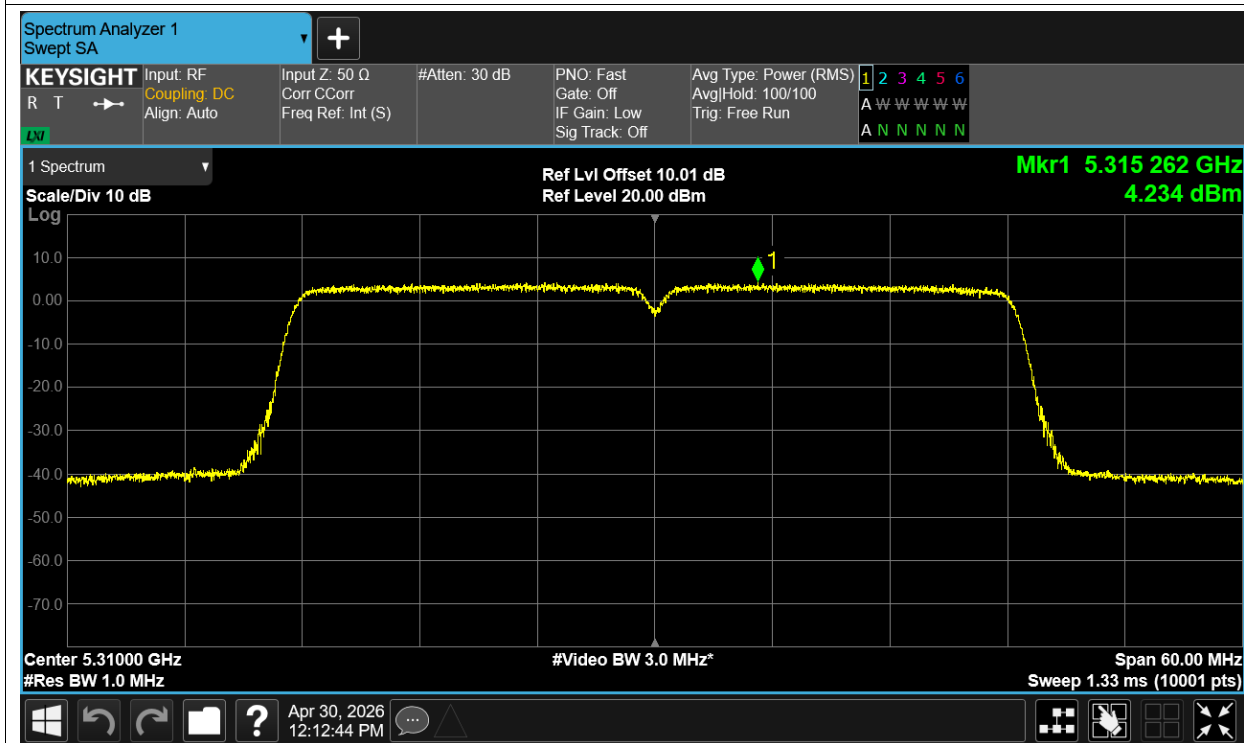
PSD NVNT ac40 5270MHz Ant2



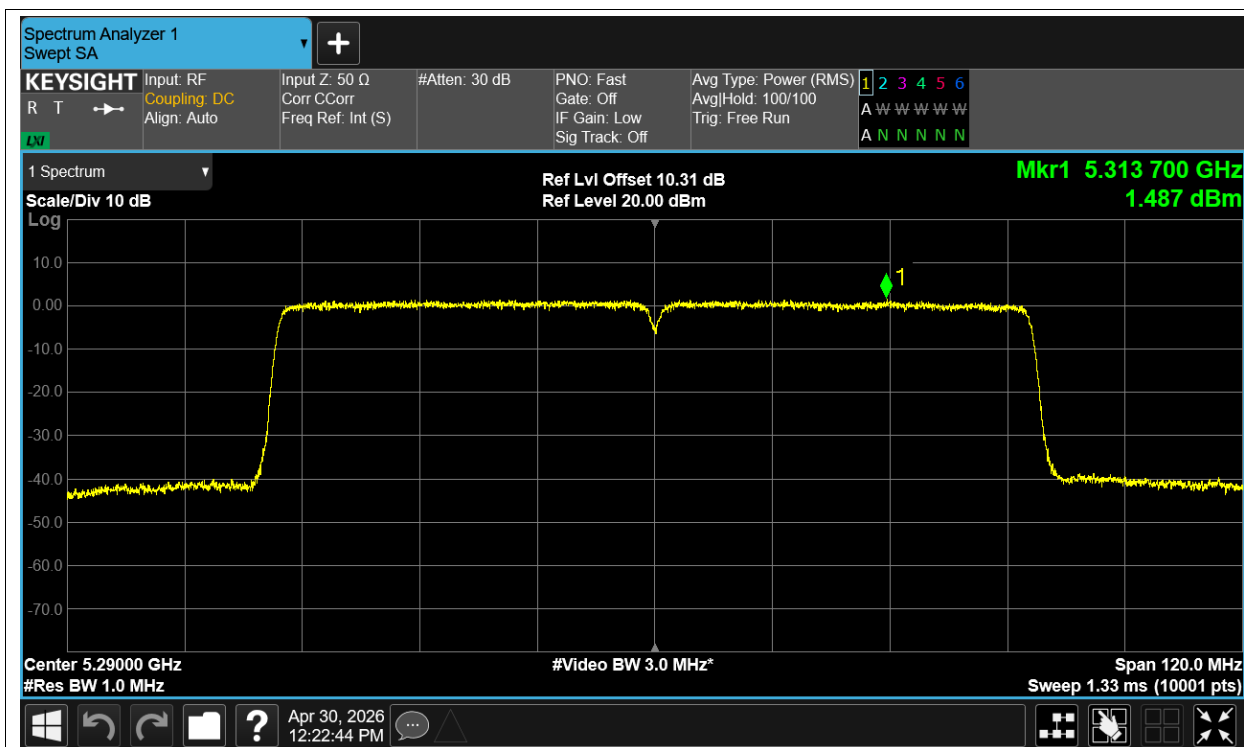
PSD NVNT ac40 5310MHz Ant1



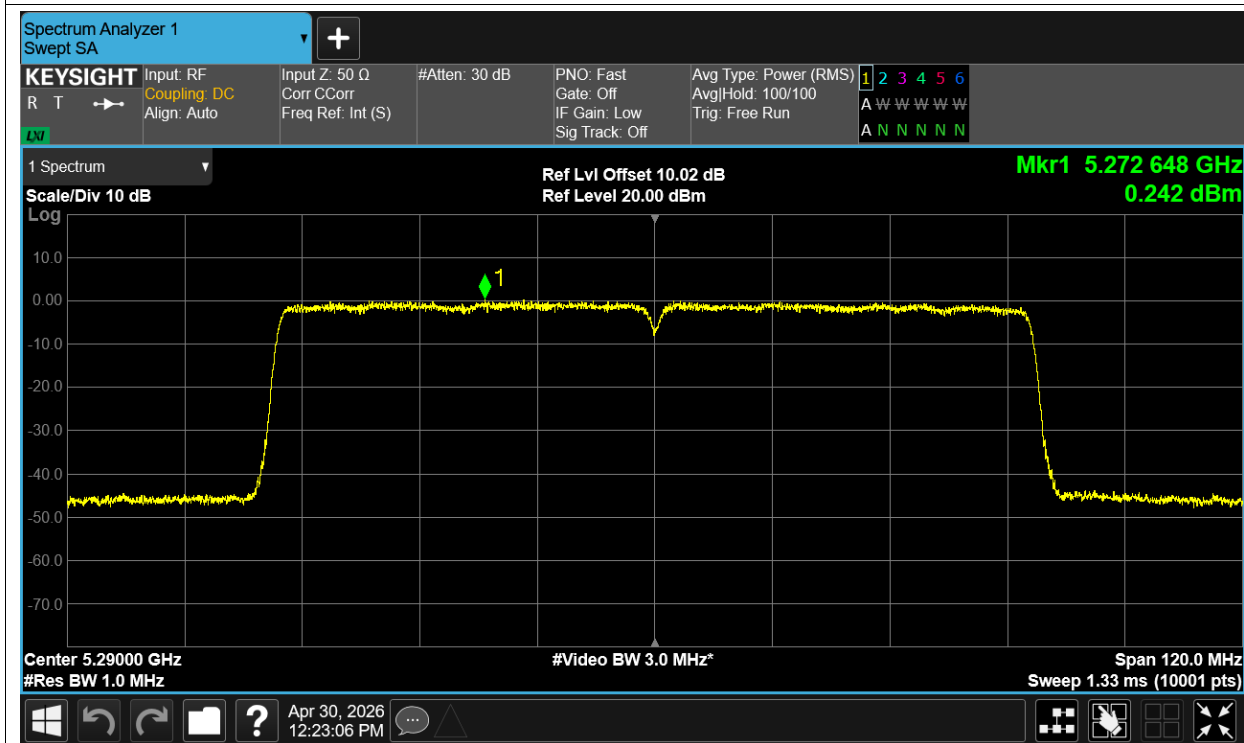
PSD NVNT ac40 5310MHz Ant2



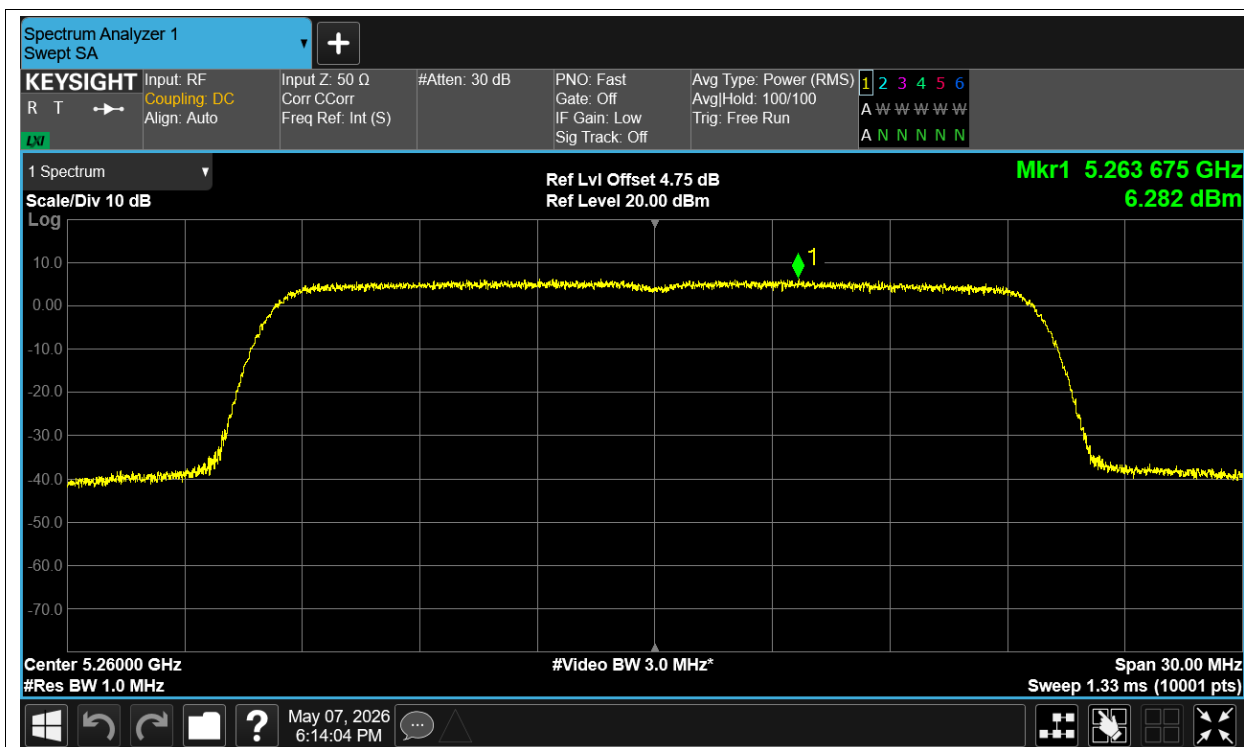
PSD NVNT ac80 5290MHz Ant1



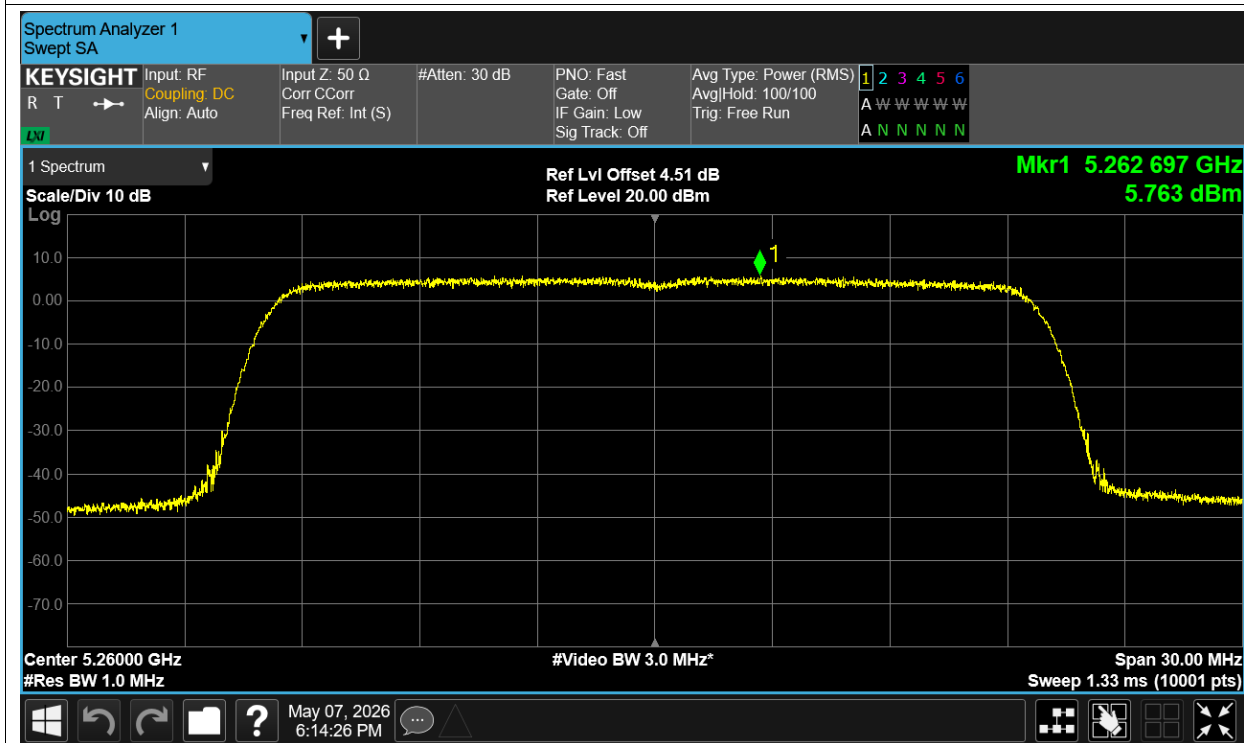
PSD NVNT ac80 5290MHz Ant2



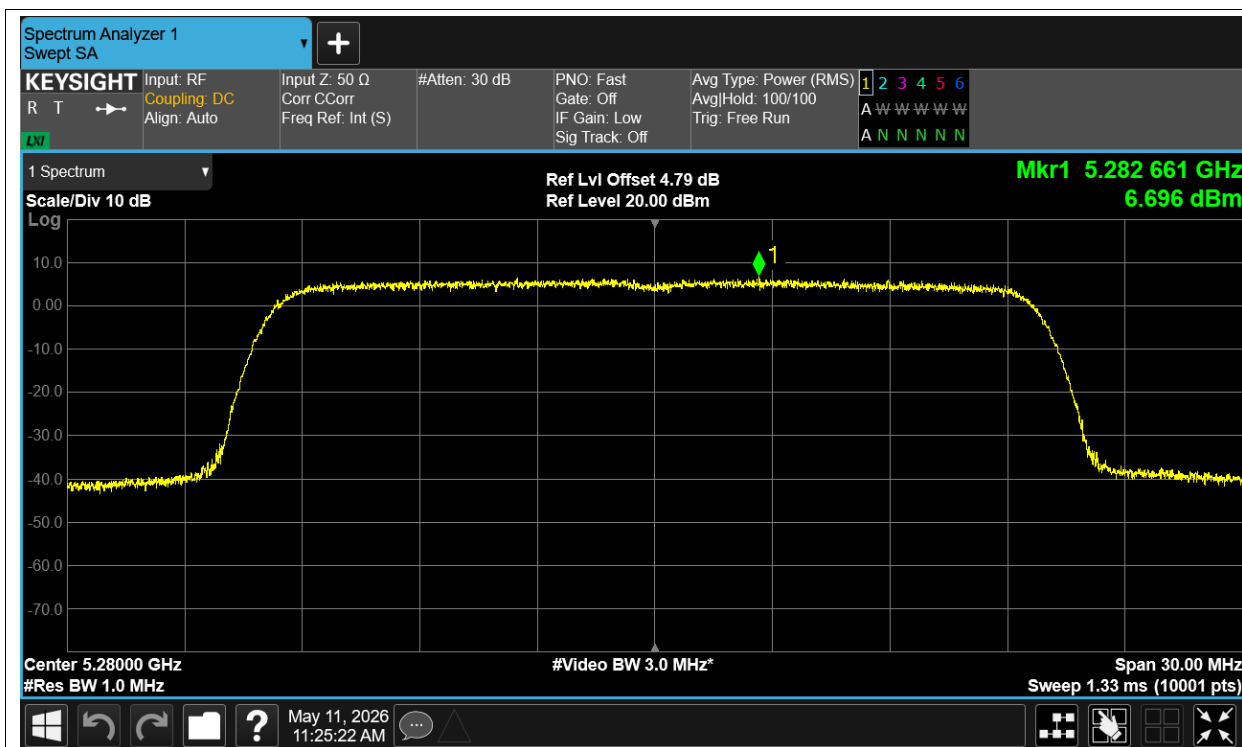
PSD NVNT ax20 5260MHz Ant1



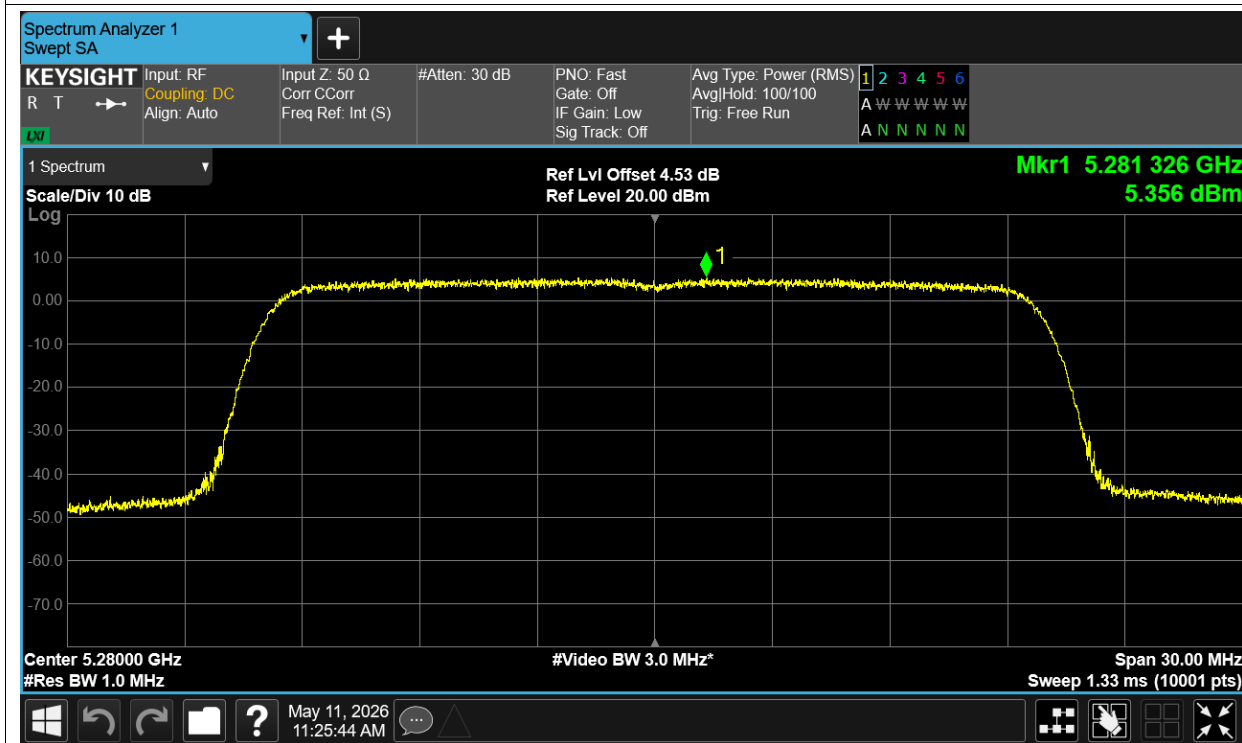
PSD NVNT ax20 5260MHz Ant2



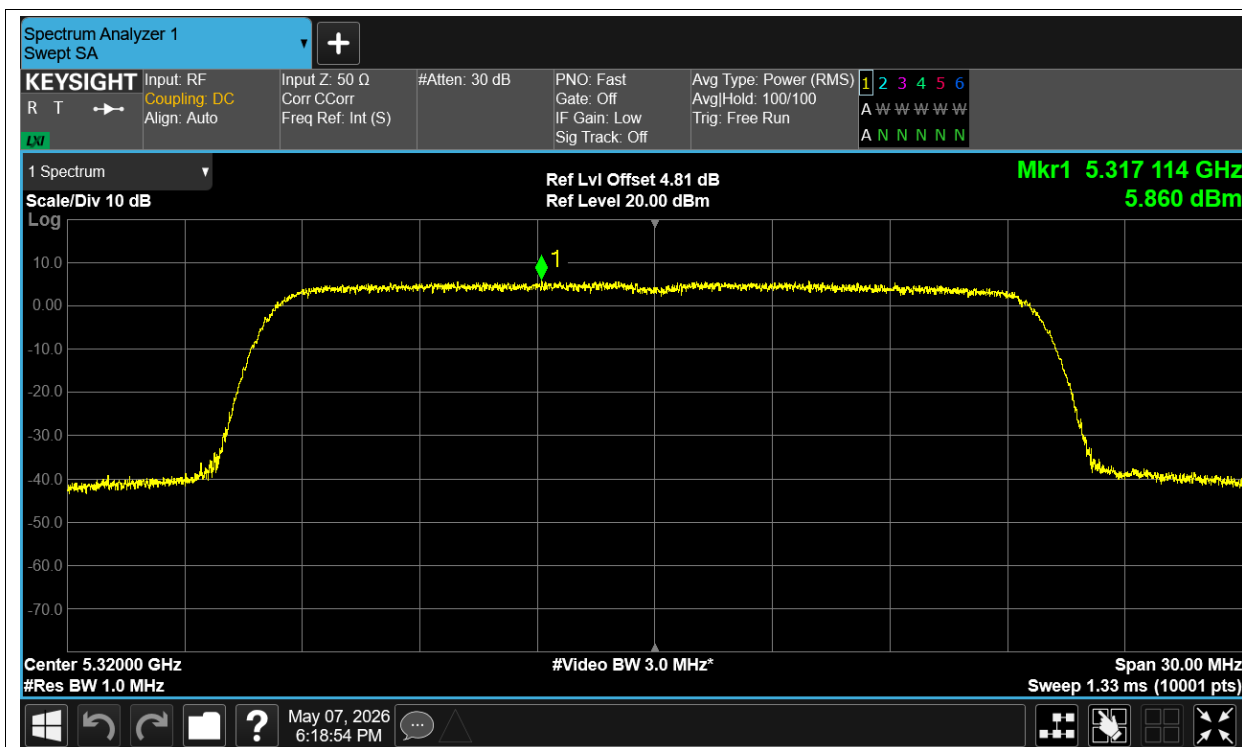
PSD NVNT ax20 5280MHz Ant1



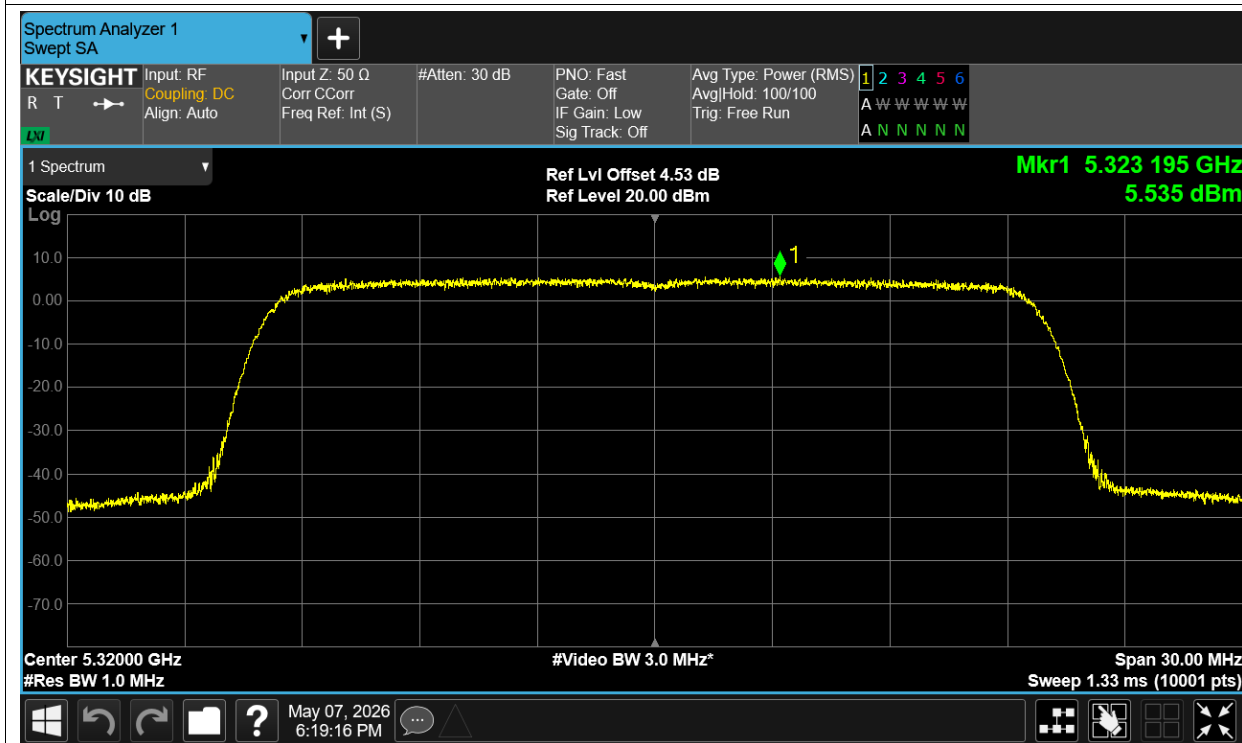
PSD NVNT ax20 5280MHz Ant2



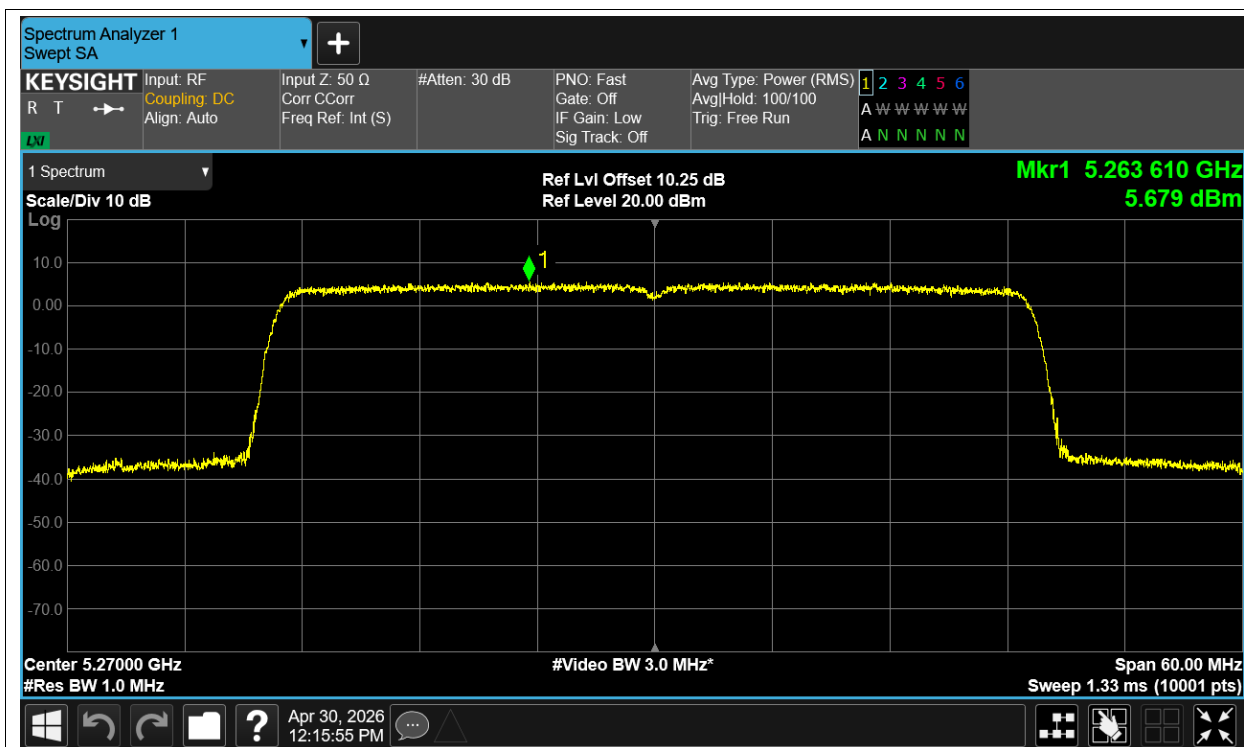
PSD NVNT ax20 5320MHz Ant1



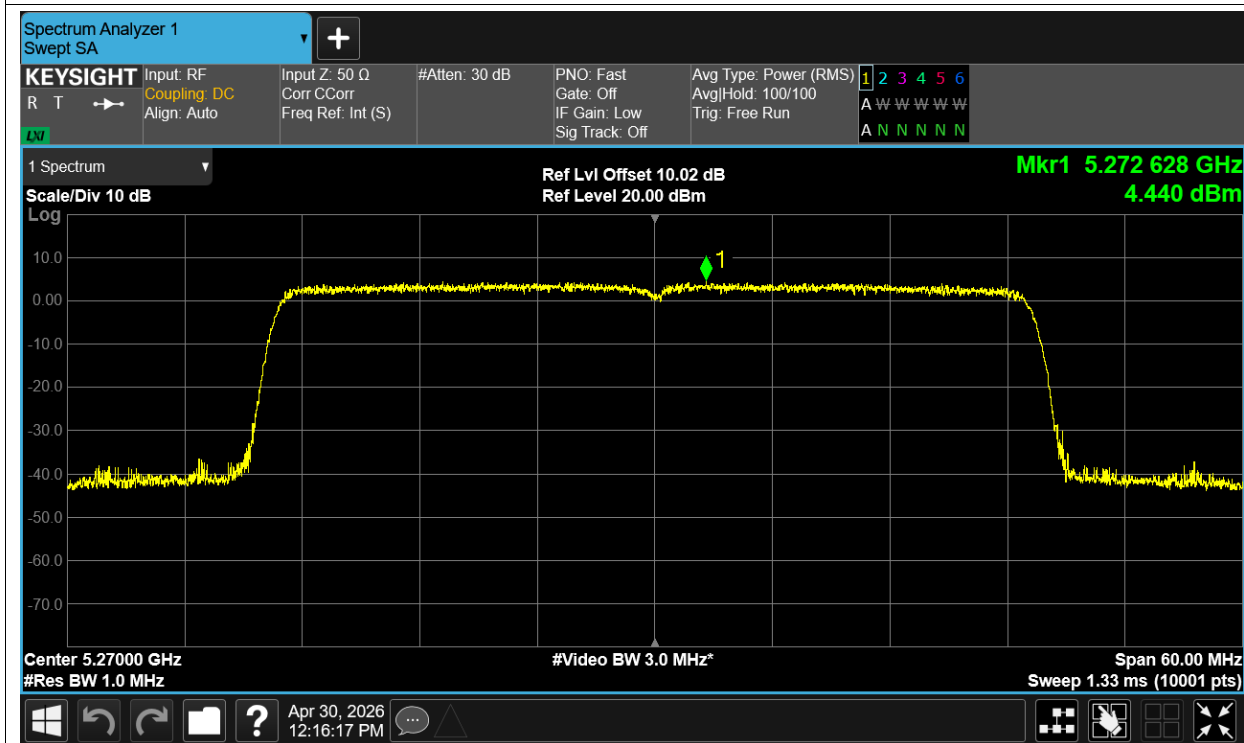
PSD NVNT ax20 5320MHz Ant2



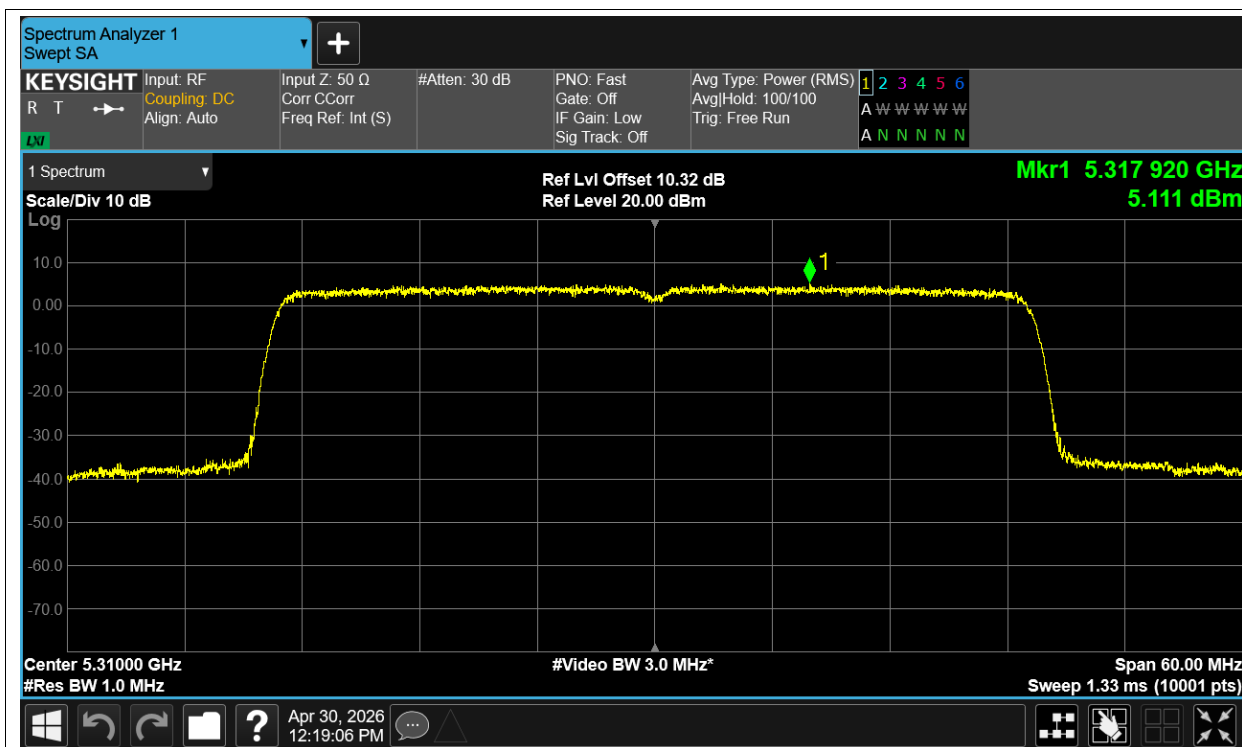
PSD NVNT ax40 5270MHz Ant1



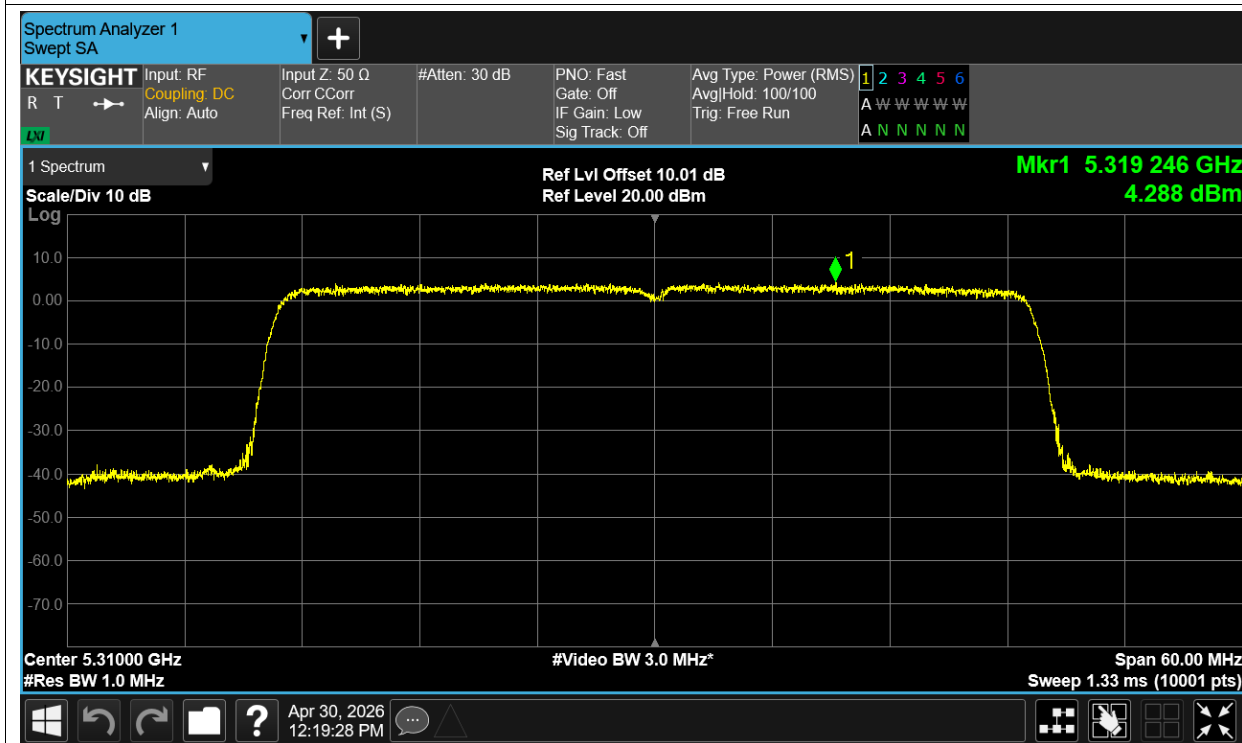
PSD NVNT ax40 5270MHz Ant2



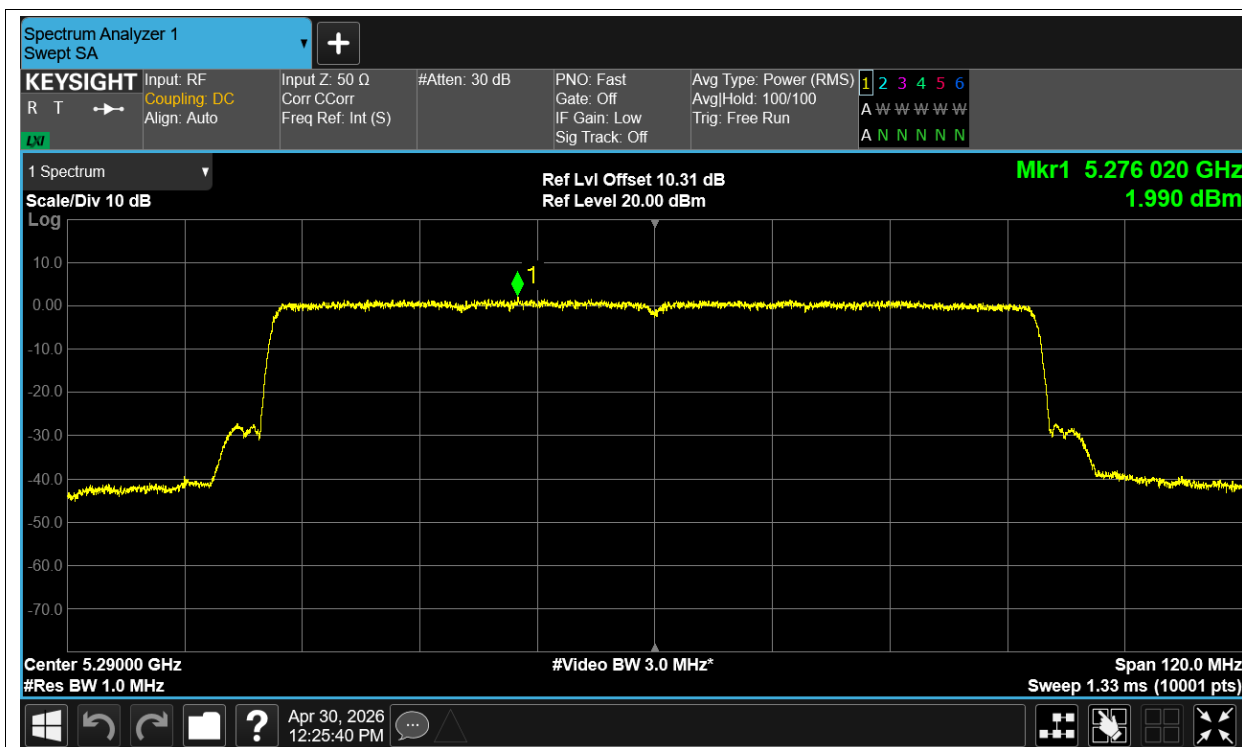
PSD NVNT ax40 5310MHz Ant1



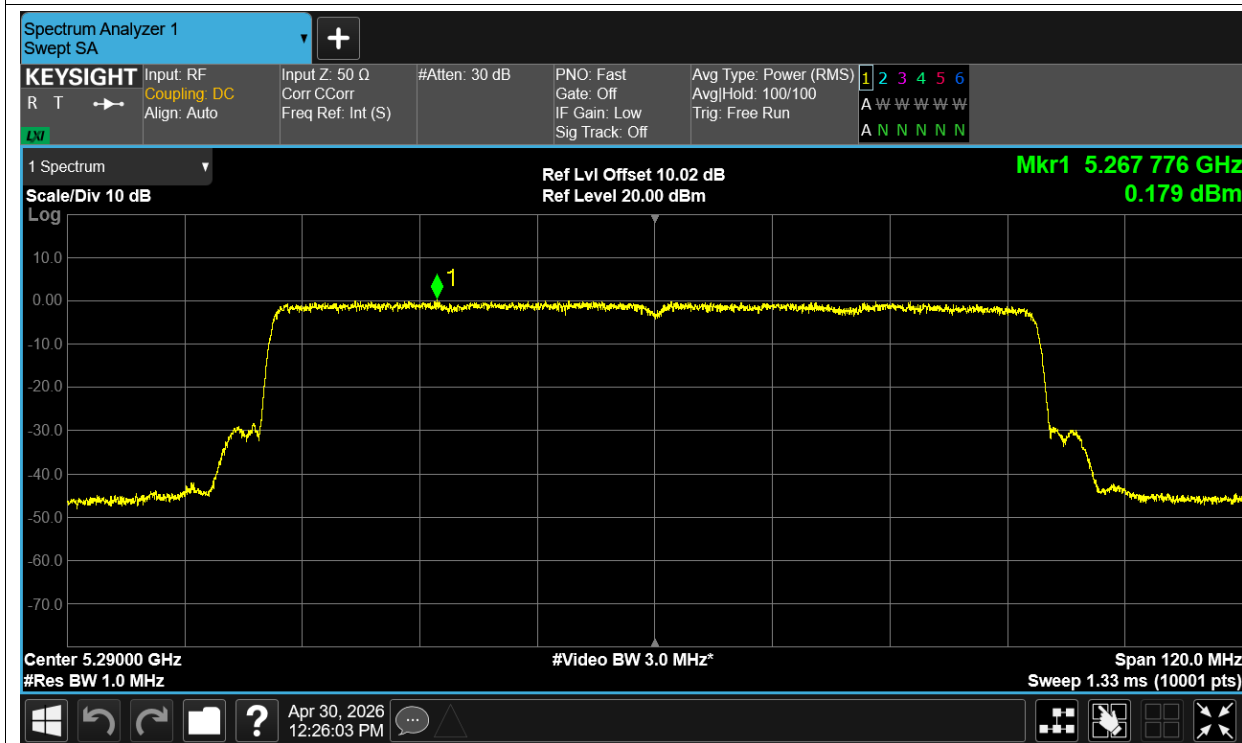
PSD NVNT ax40 5310MHz Ant2



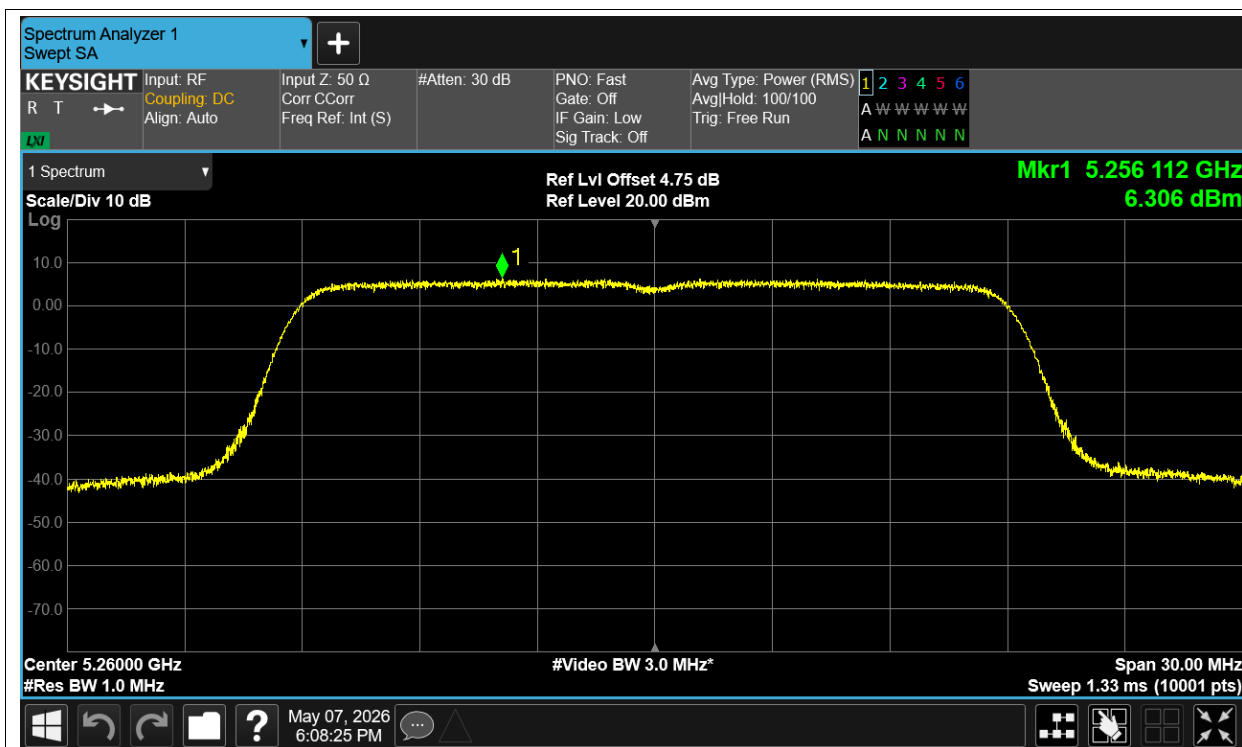
PSD NVNT ax80 5290MHz Ant1



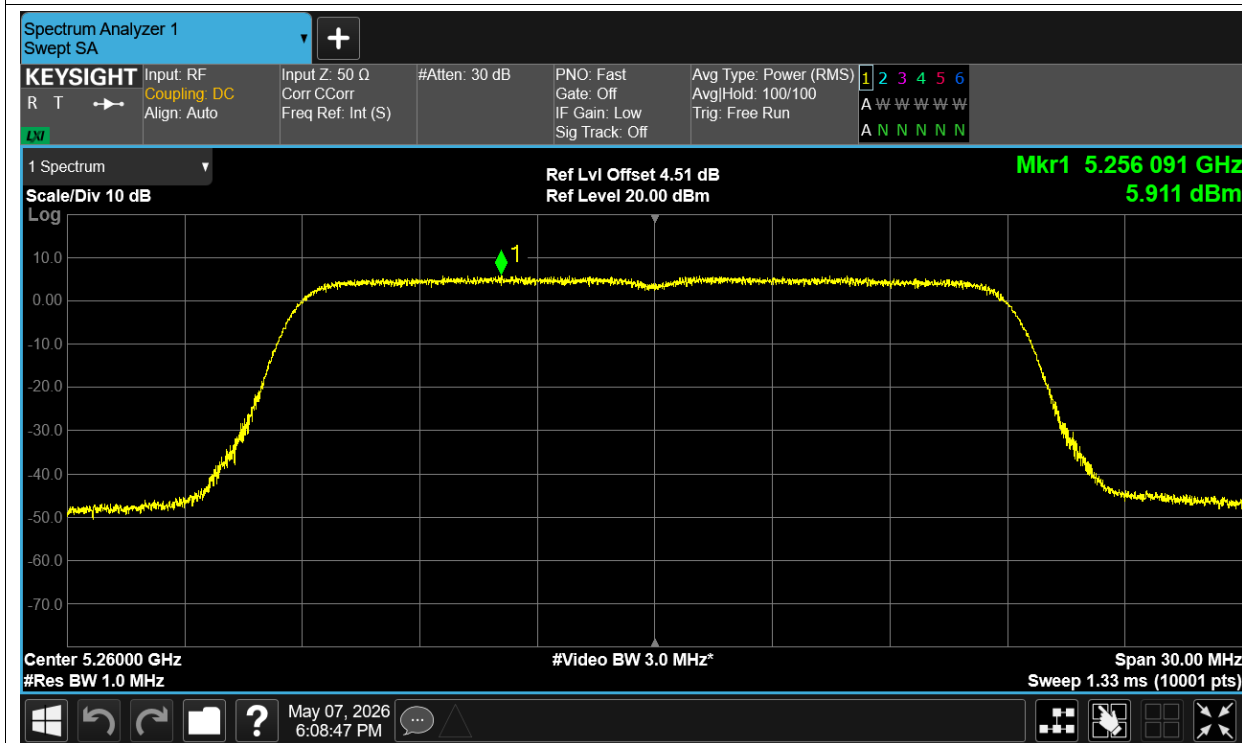
PSD NVNT ax80 5290MHz Ant2



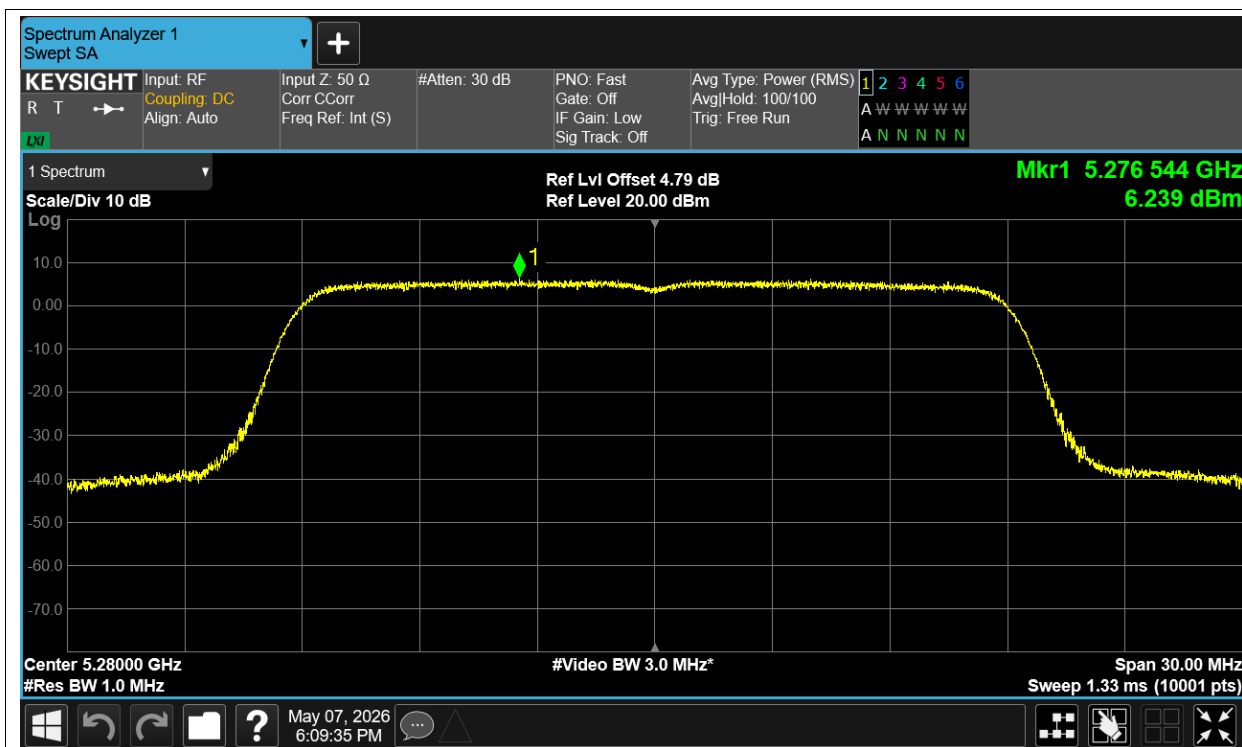
PSD NVNT n20 5260MHz Ant1



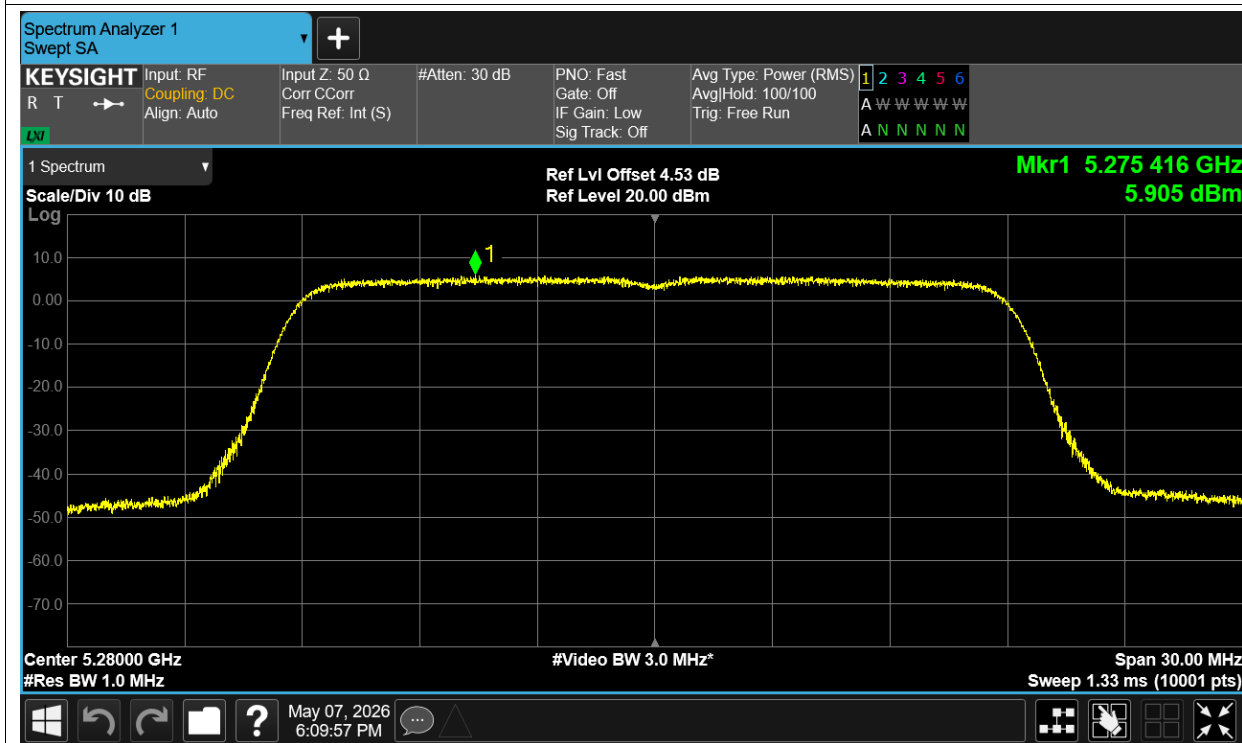
PSD NVNT n20 5260MHz Ant2



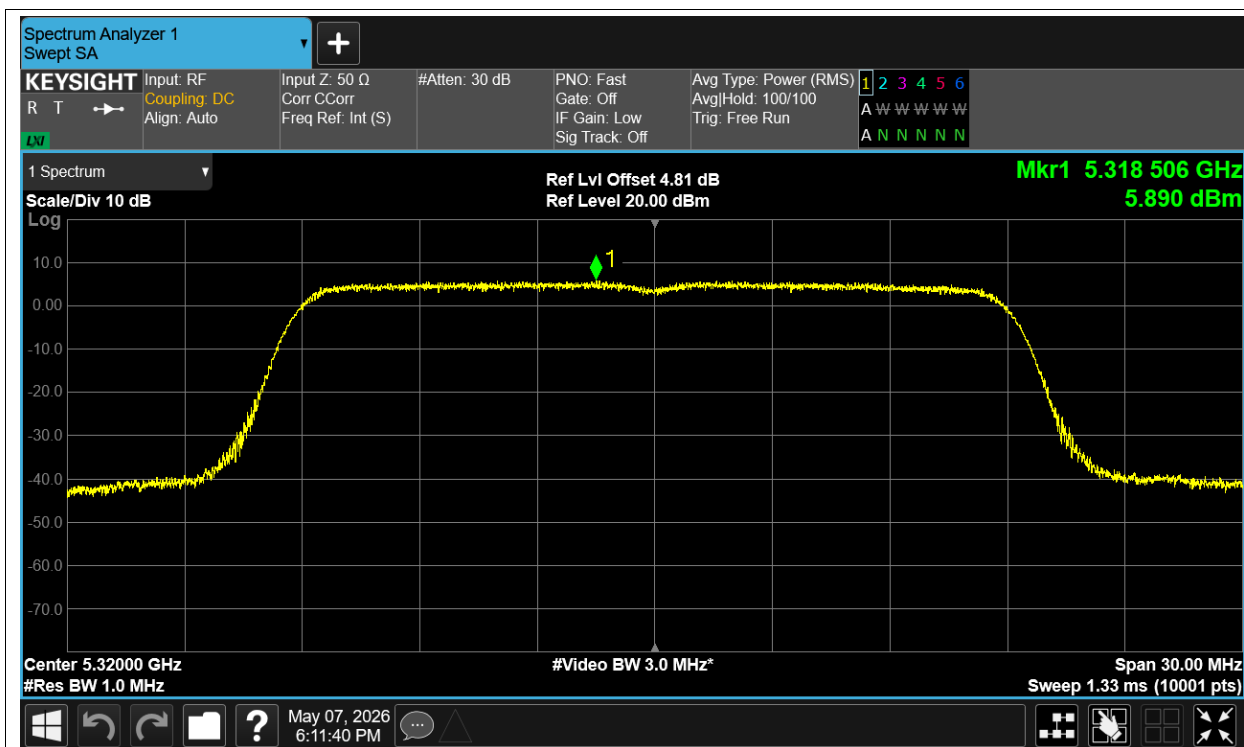
PSD NVNT n20 5280MHz Ant1



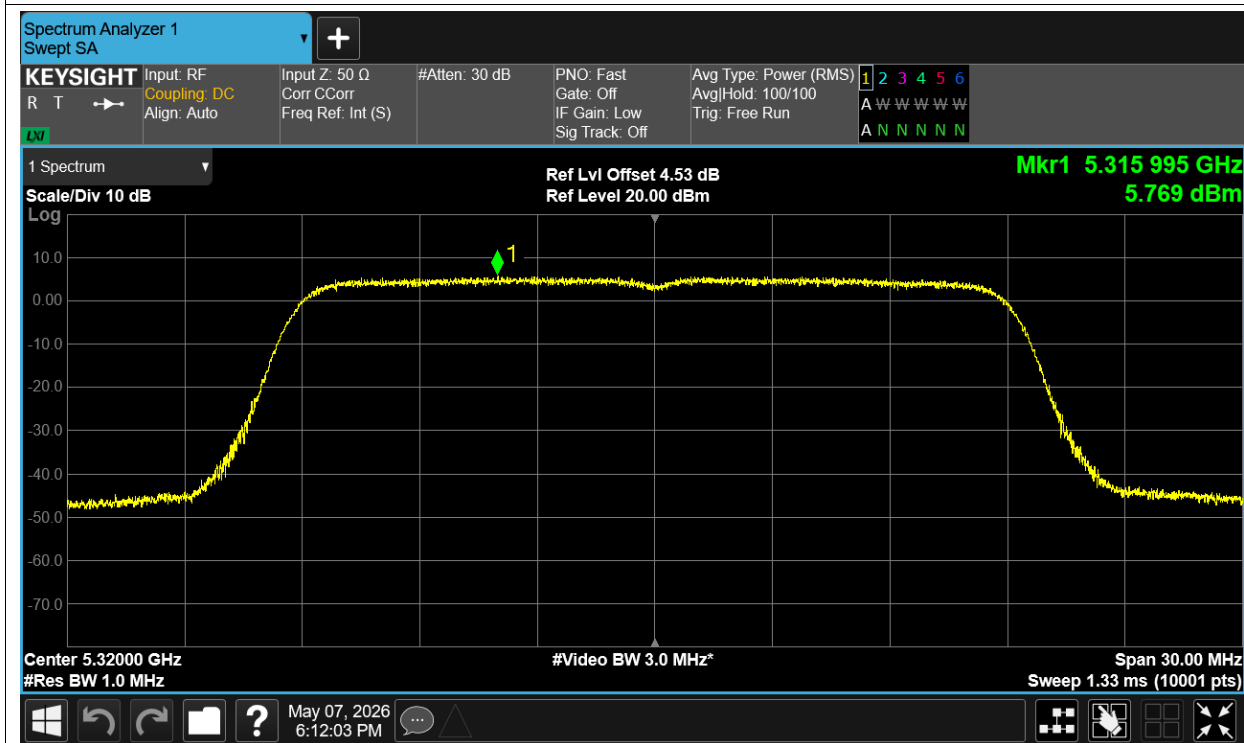
PSD NVNT n20 5280MHz Ant2



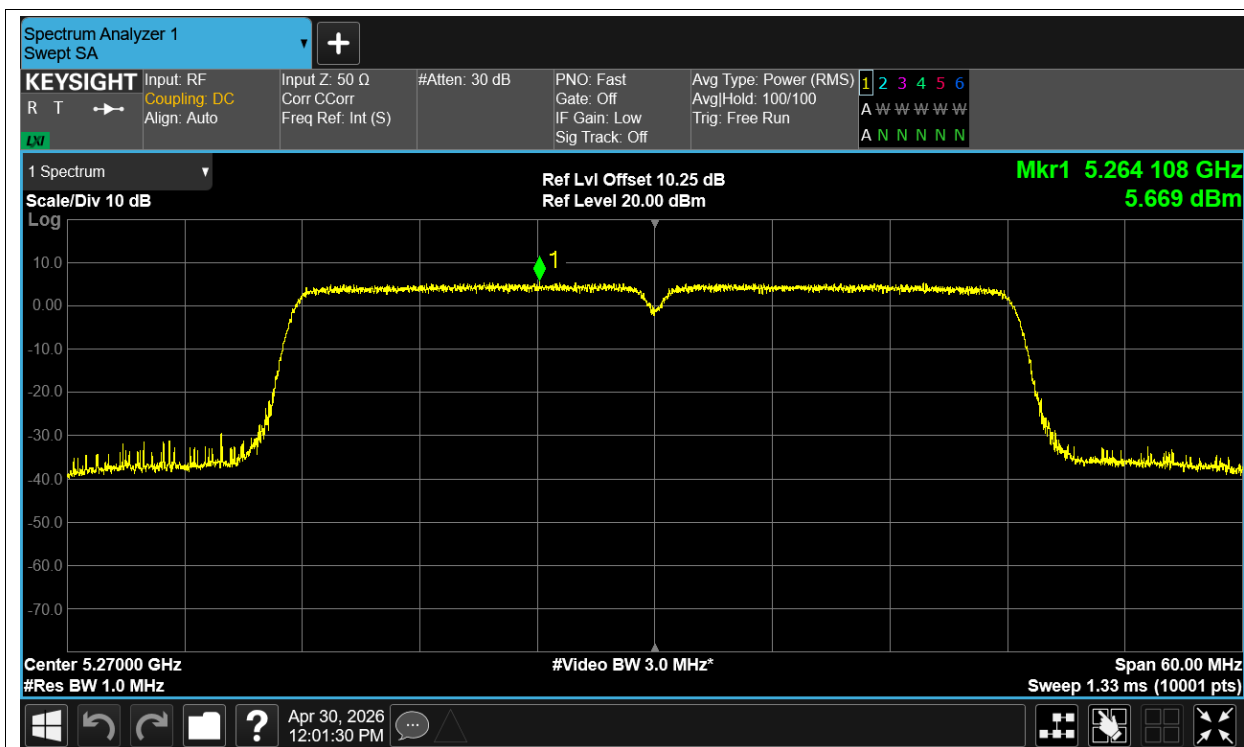
PSD NVNT n20 5320MHz Ant1



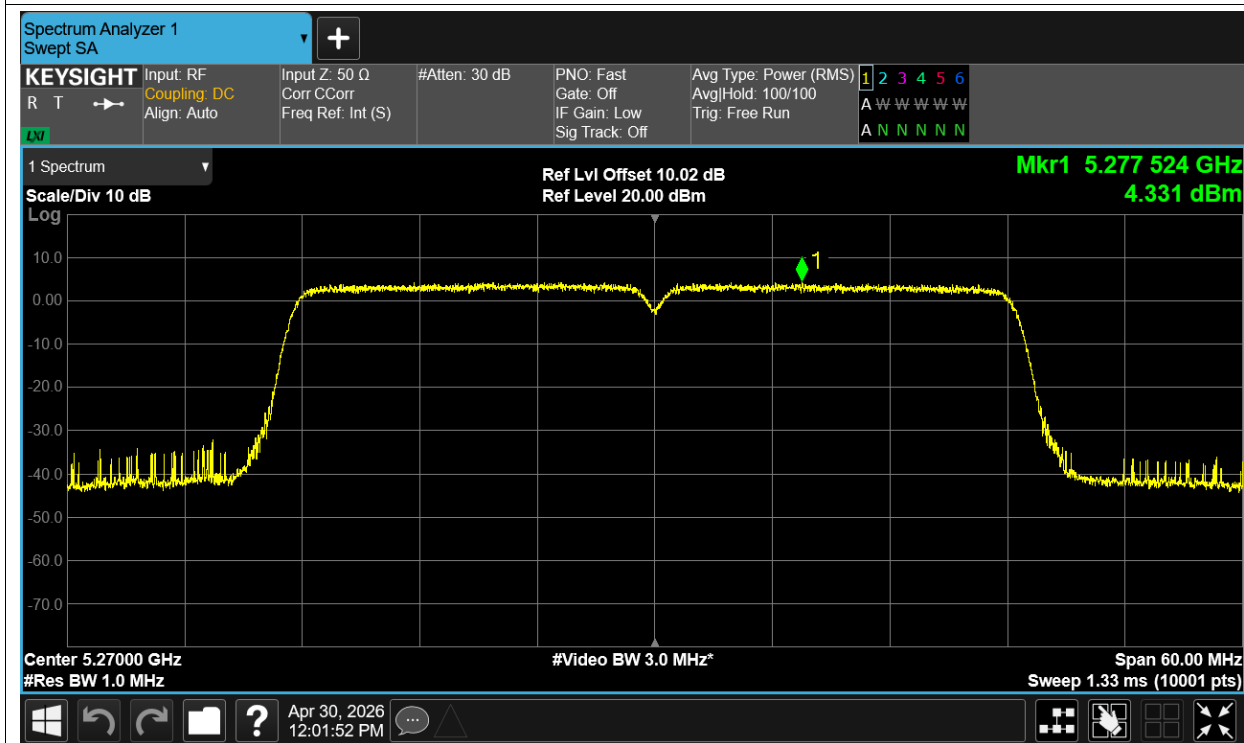
PSD NVNT n20 5320MHz Ant2



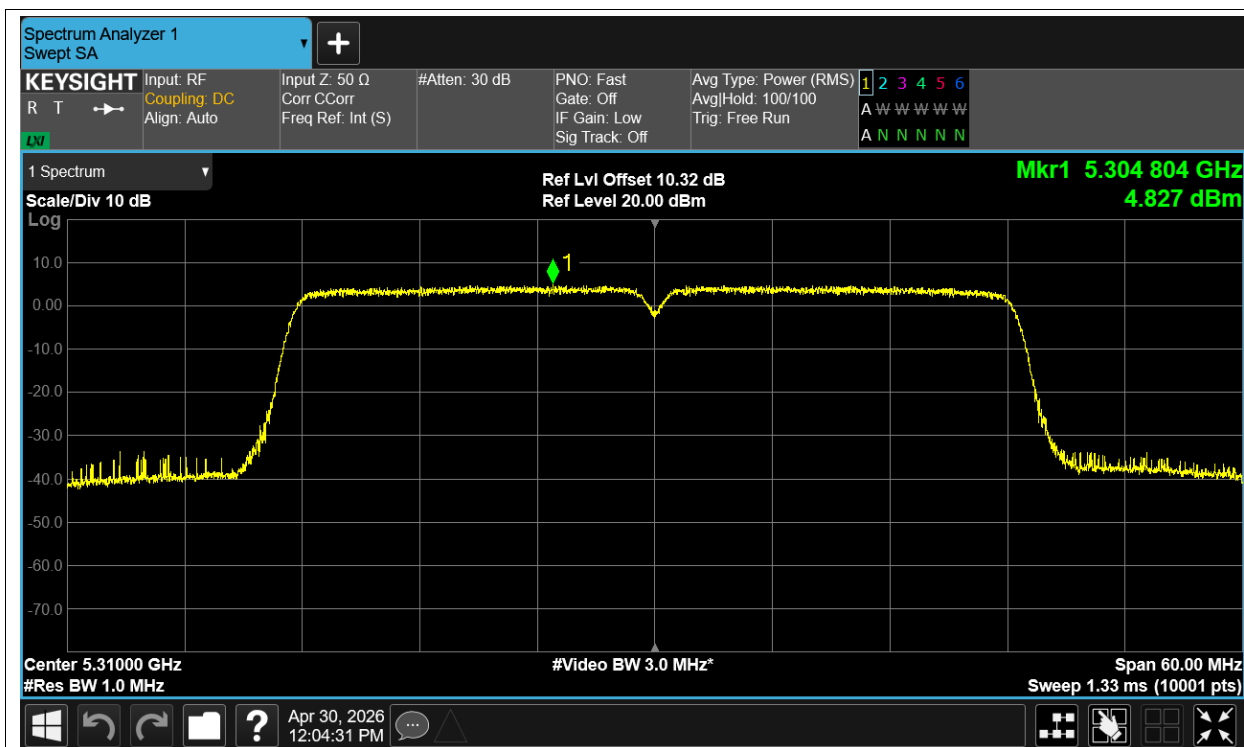
PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5270MHz Ant2



PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5310MHz Ant2

