



Test Data

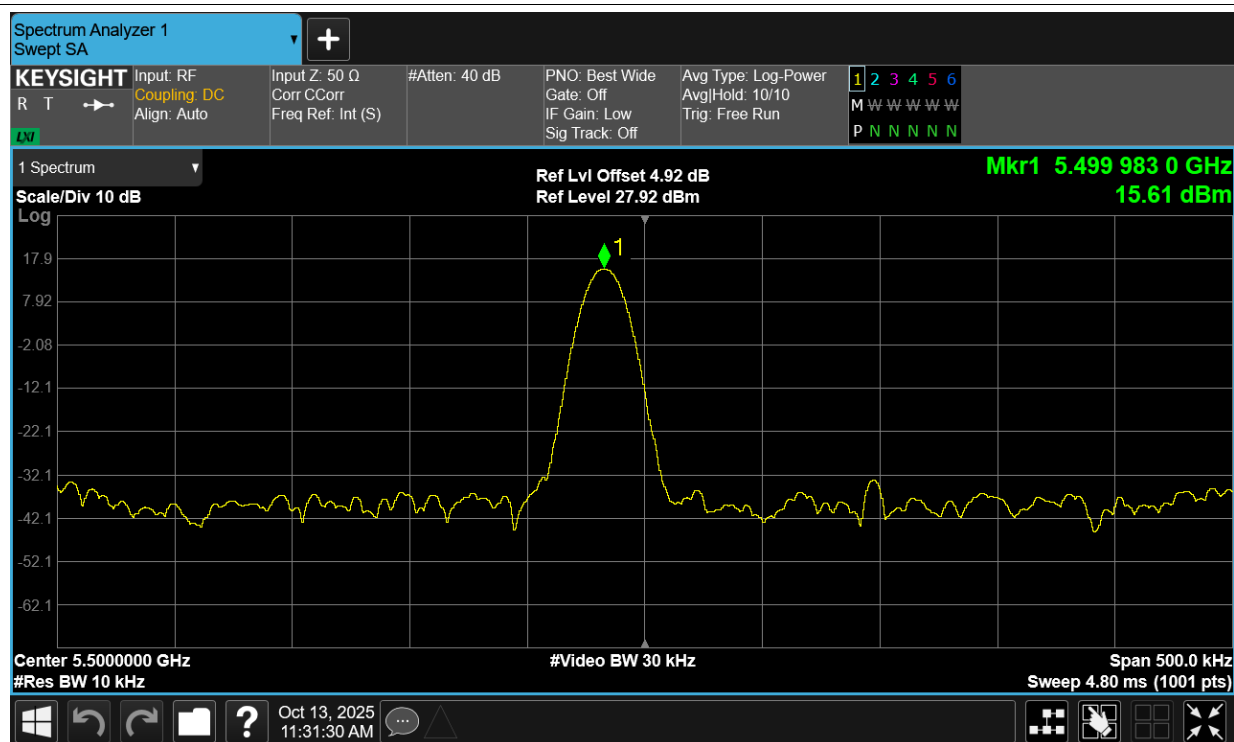
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant1	5499.983	-3.09	25	Pass
LVNT	a	5500	Ant1	5499.983	-3.09	25	Pass
NVHT	a	5500	Ant1	5499.9835	-3	25	Pass
NVLT	a	5500	Ant1	5499.9835	-3	25	Pass
NVNT	a	5500	Ant1	5499.984	-2.91	25	Pass
HVNT	ac80	5530	Ant1	5529.9805	-3.53	25	Pass
LVNT	ac80	5530	Ant1	5529.9805	-3.53	25	Pass
NVHT	ac80	5530	Ant1	5529.981	-3.44	25	Pass
NVLT	ac80	5530	Ant1	5529.981	-3.44	25	Pass
NVNT	ac80	5530	Ant1	5529.9815	-3.35	25	Pass
HVNT	n40	5510	Ant1	5509.981	-3.45	25	Pass
LVNT	n40	5510	Ant1	5509.9815	-3.36	25	Pass
NVHT	n40	5510	Ant1	5509.9815	-3.36	25	Pass
NVLT	n40	5510	Ant1	5509.982	-3.27	25	Pass
NVNT	n40	5510	Ant1	5509.9825	-3.18	25	Pass

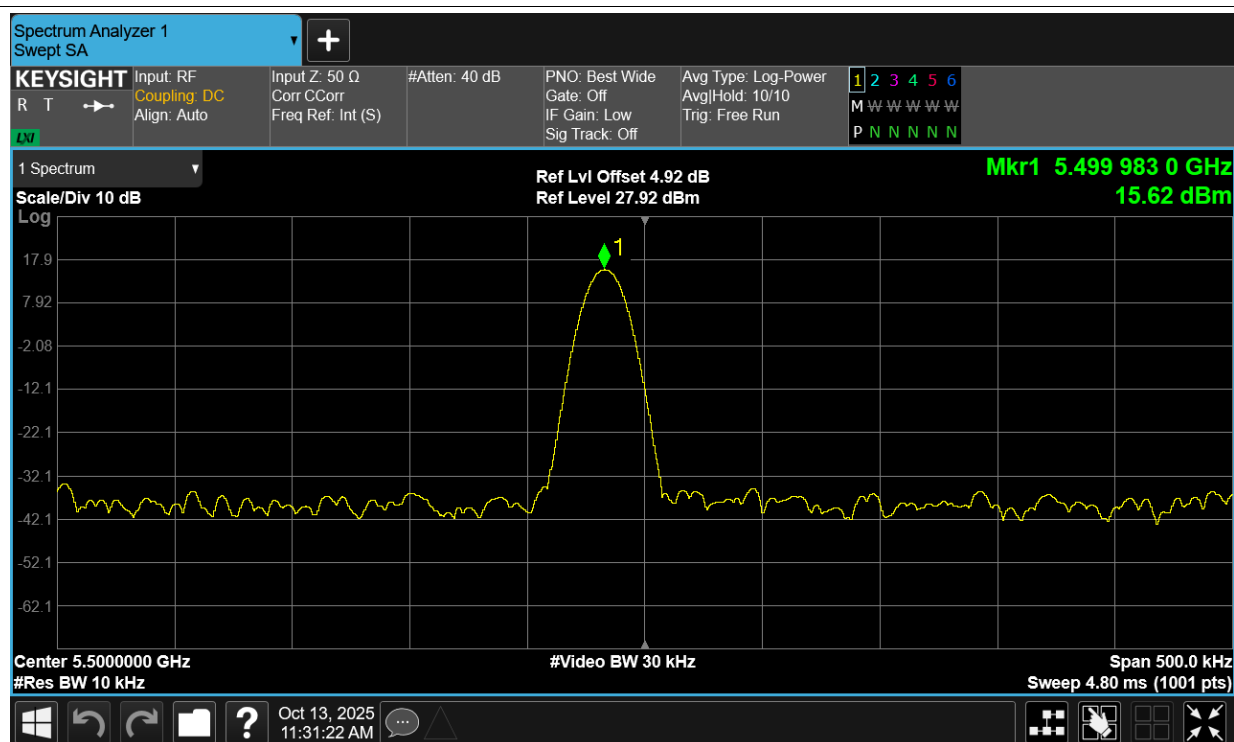


Test Graphs

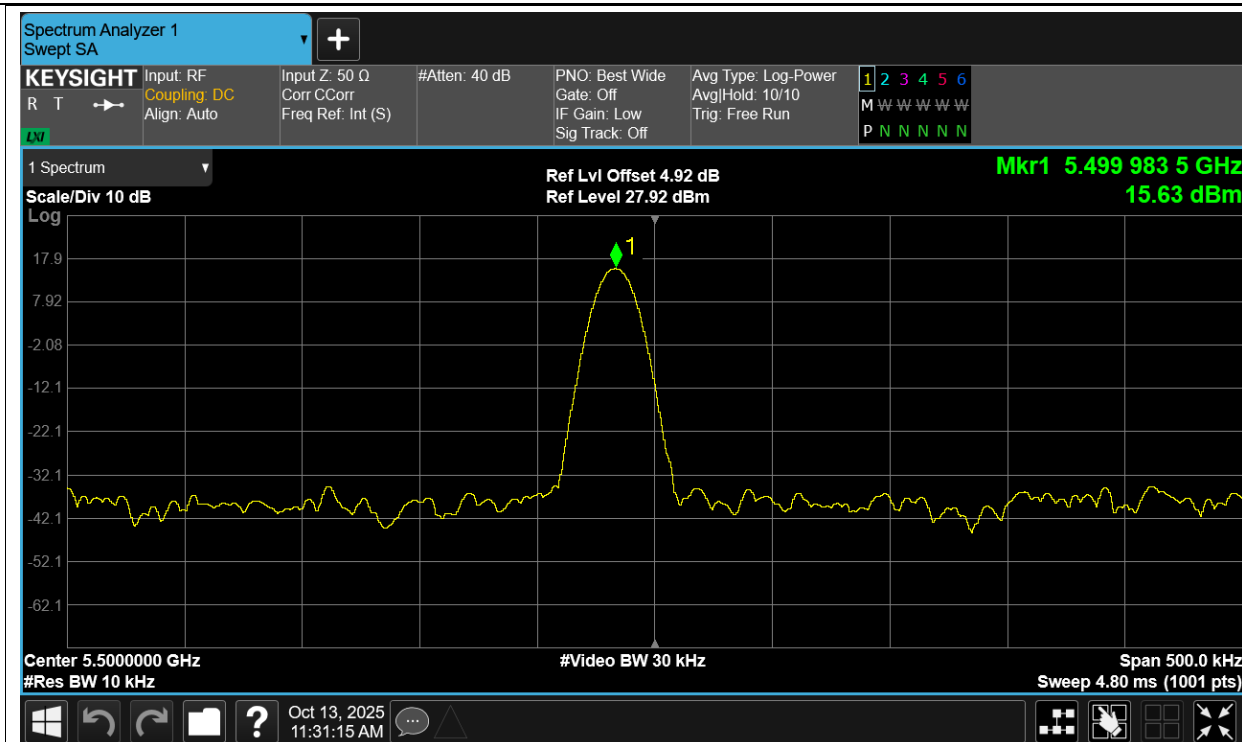
Freq. Stability HVNT a 5500MHz Ant1



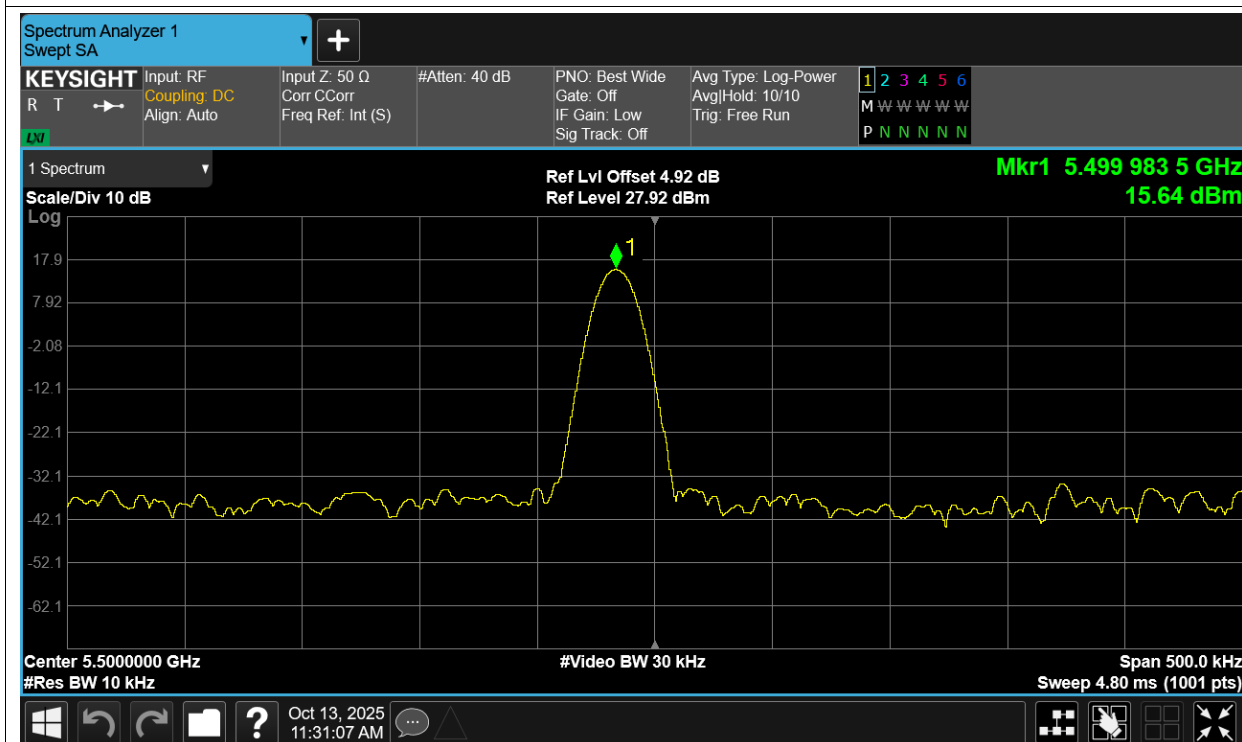
Freq. Stability LVNT a 5500MHz Ant1



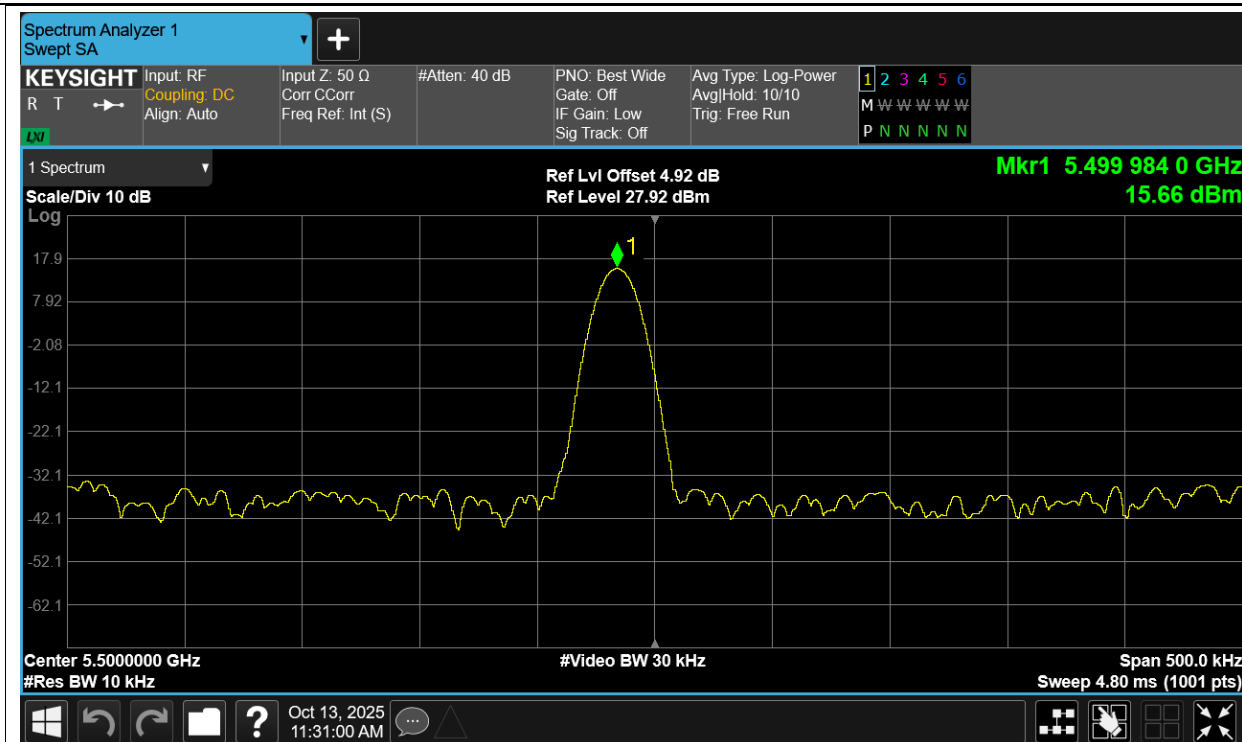
Freq. Stability NVHT a 5500MHz Ant1



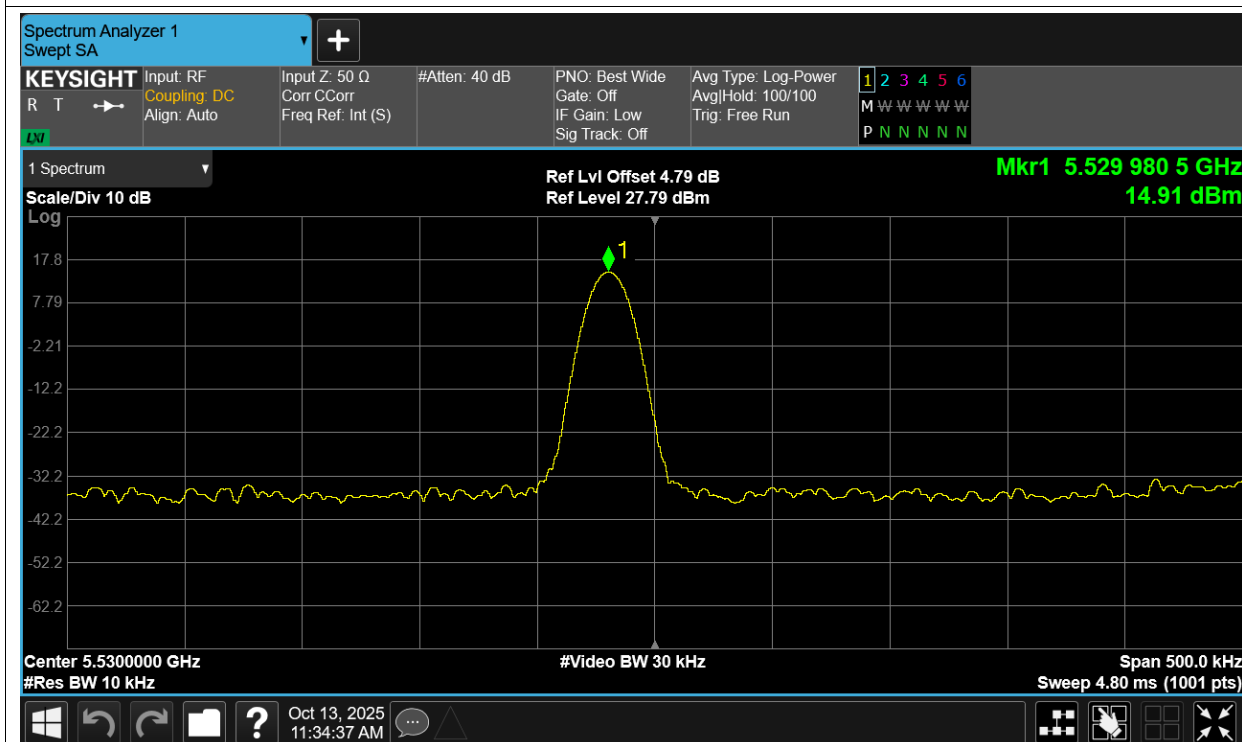
Freq. Stability NVLT a 5500MHz Ant1



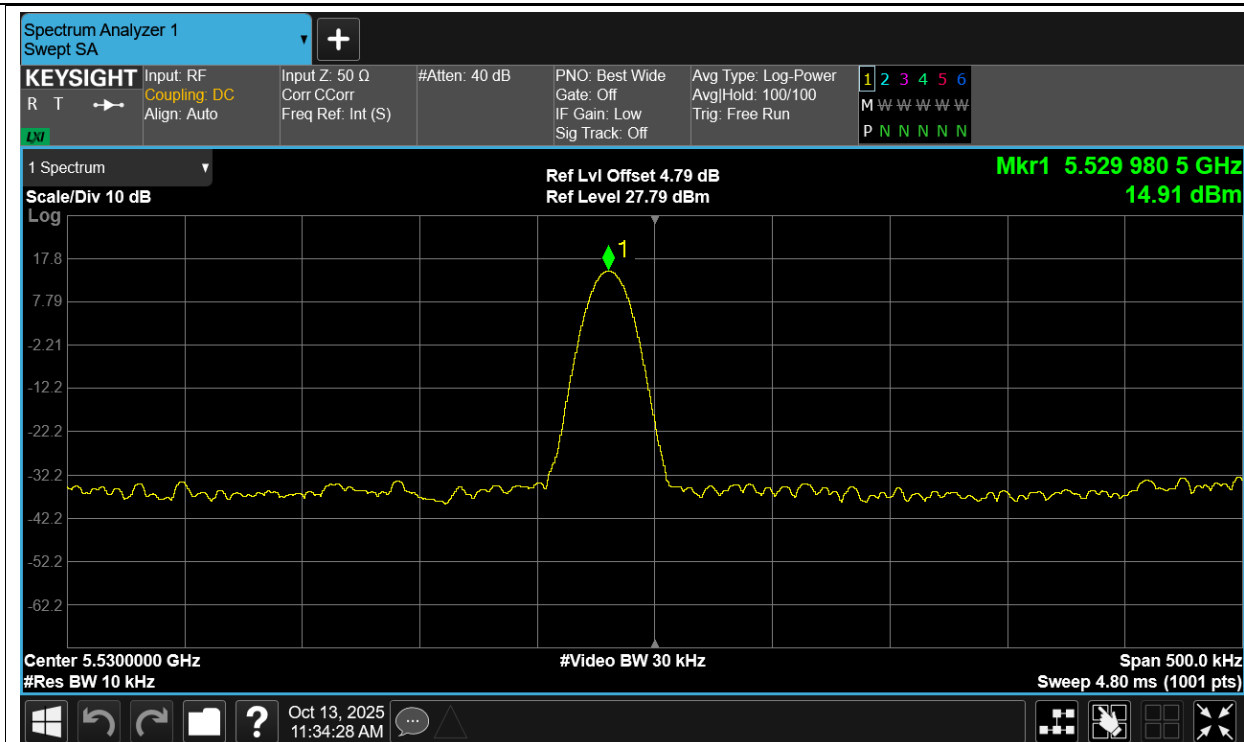
Freq. Stability NVNT a 5500MHz Ant1



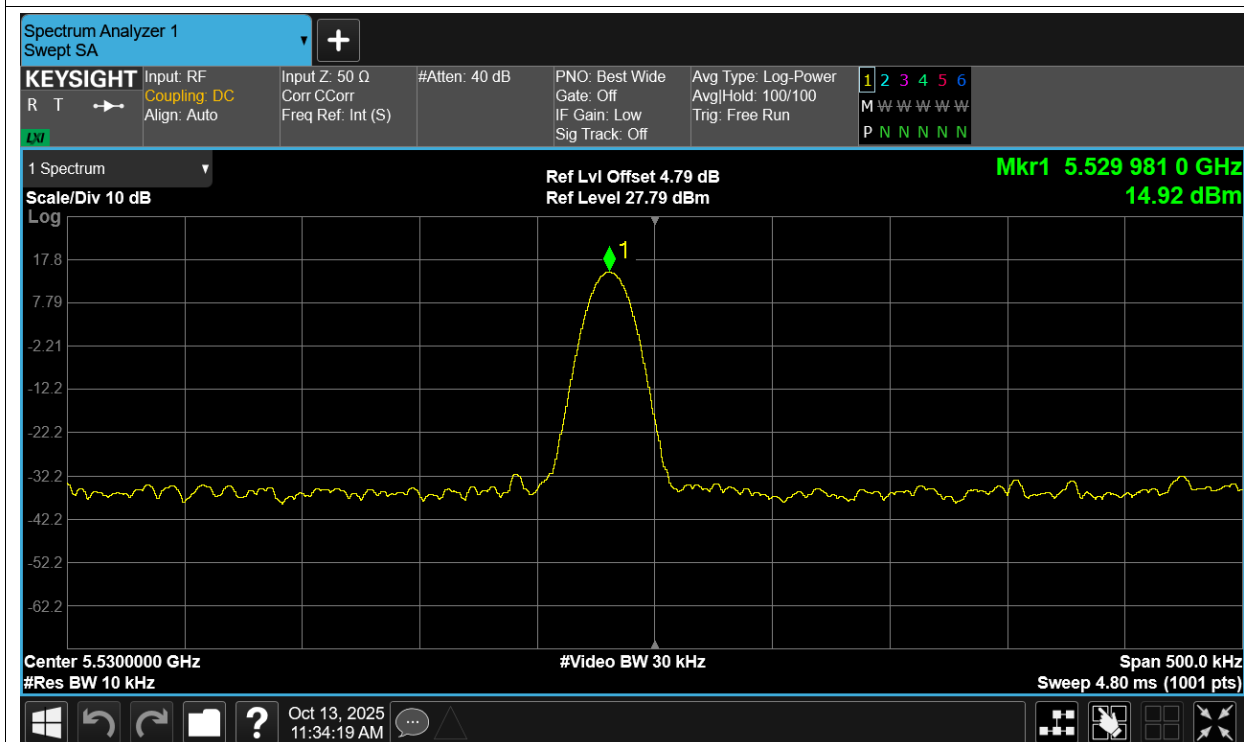
Freq. Stability HVNT ac80 5530MHz Ant1



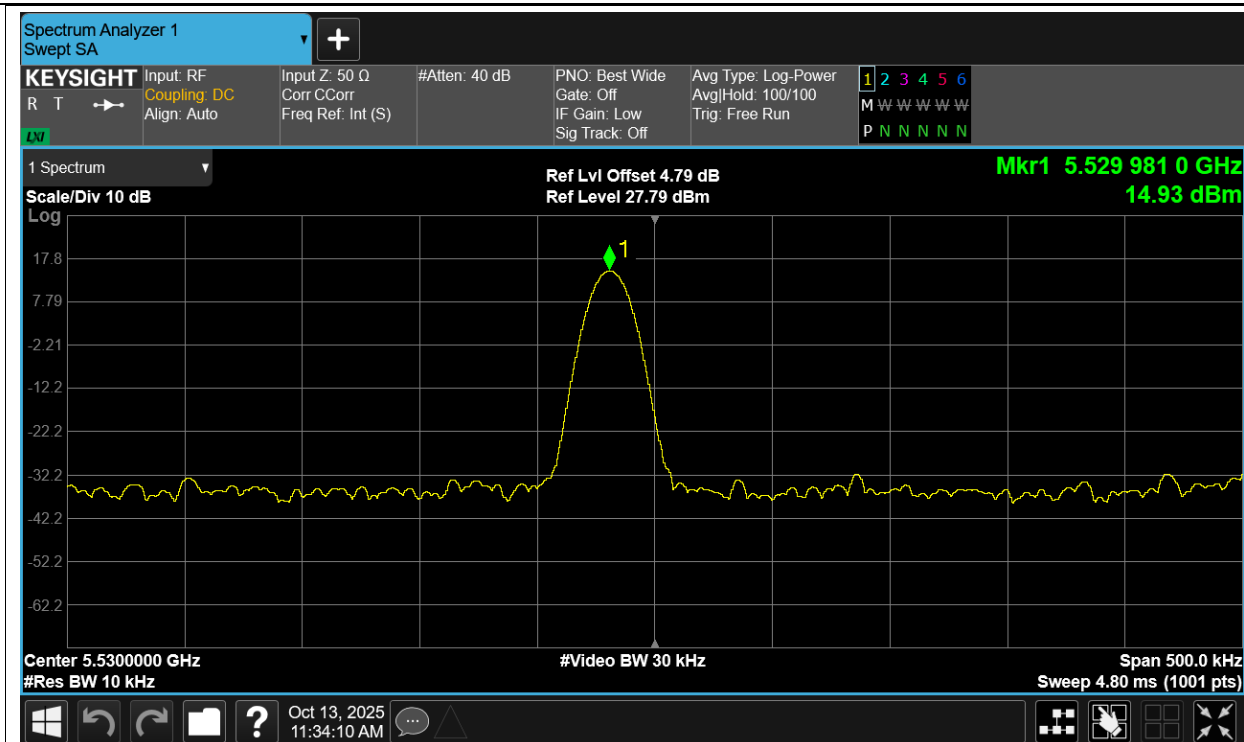
Freq. Stability LVNT ac80 5530MHz Ant1



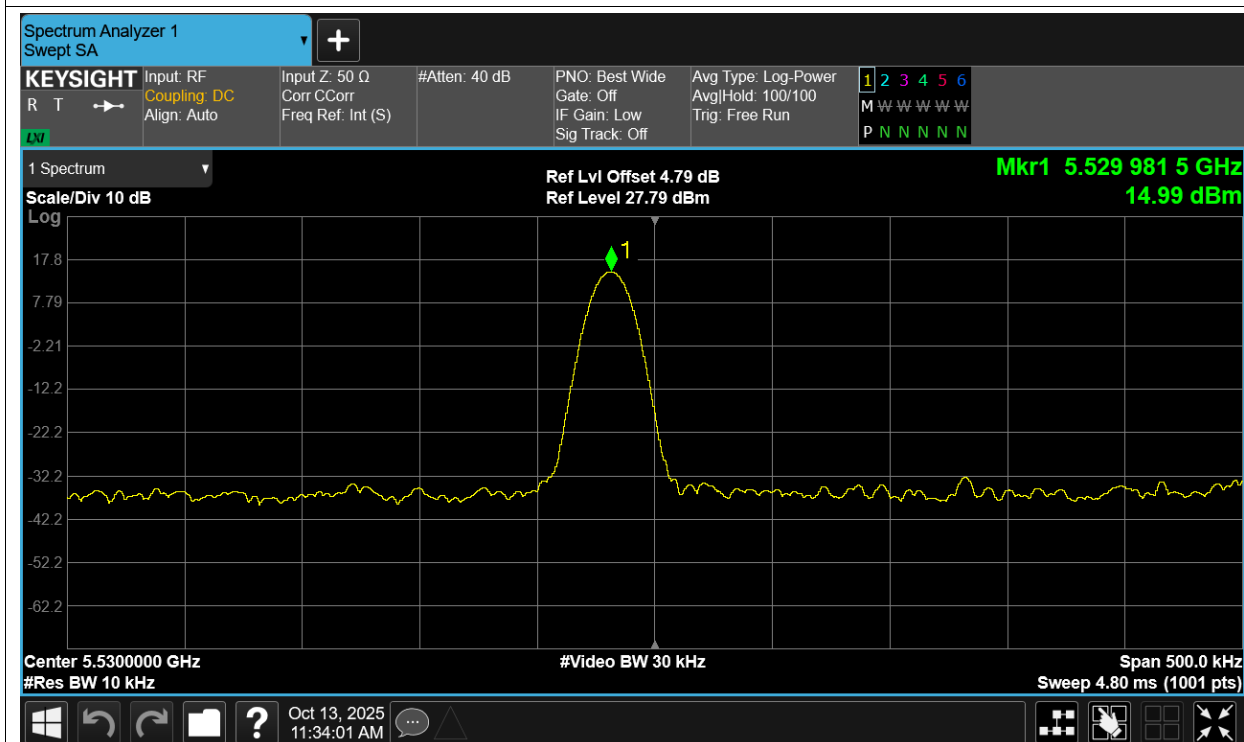
Freq. Stability NVHT ac80 5530MHz Ant1



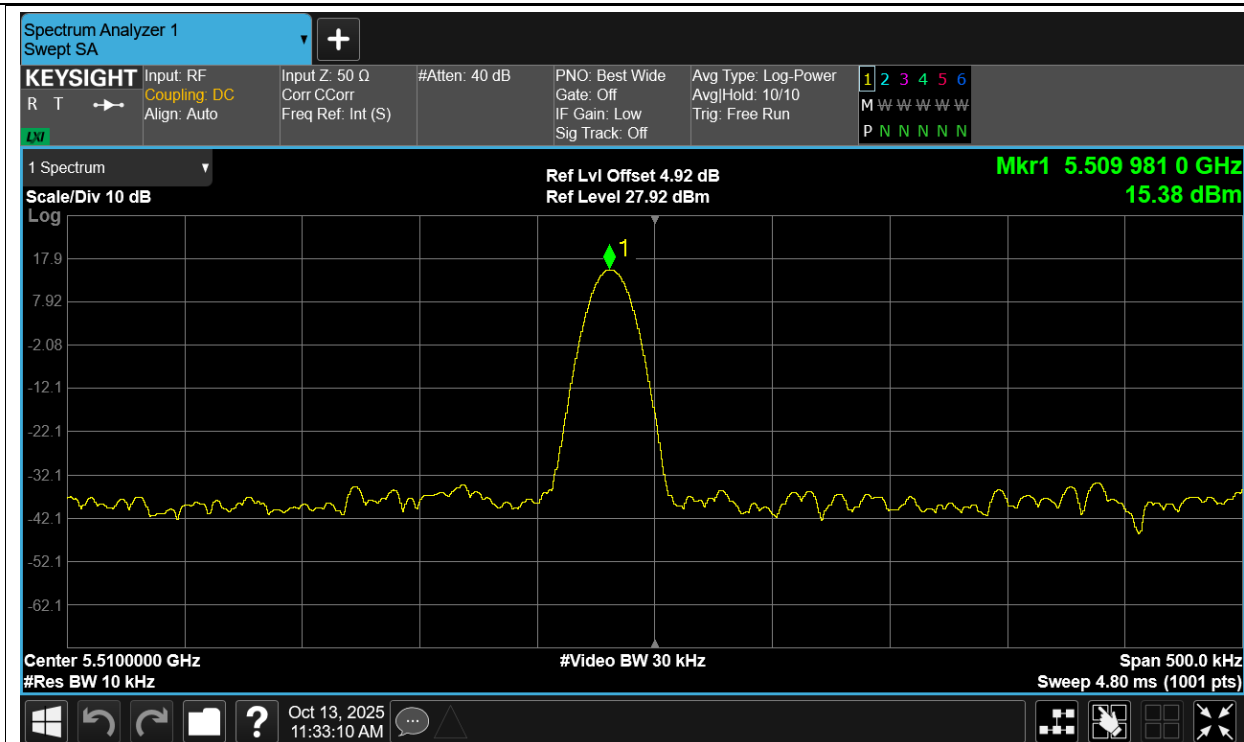
Freq. Stability NVLT ac80 5530MHz Ant1



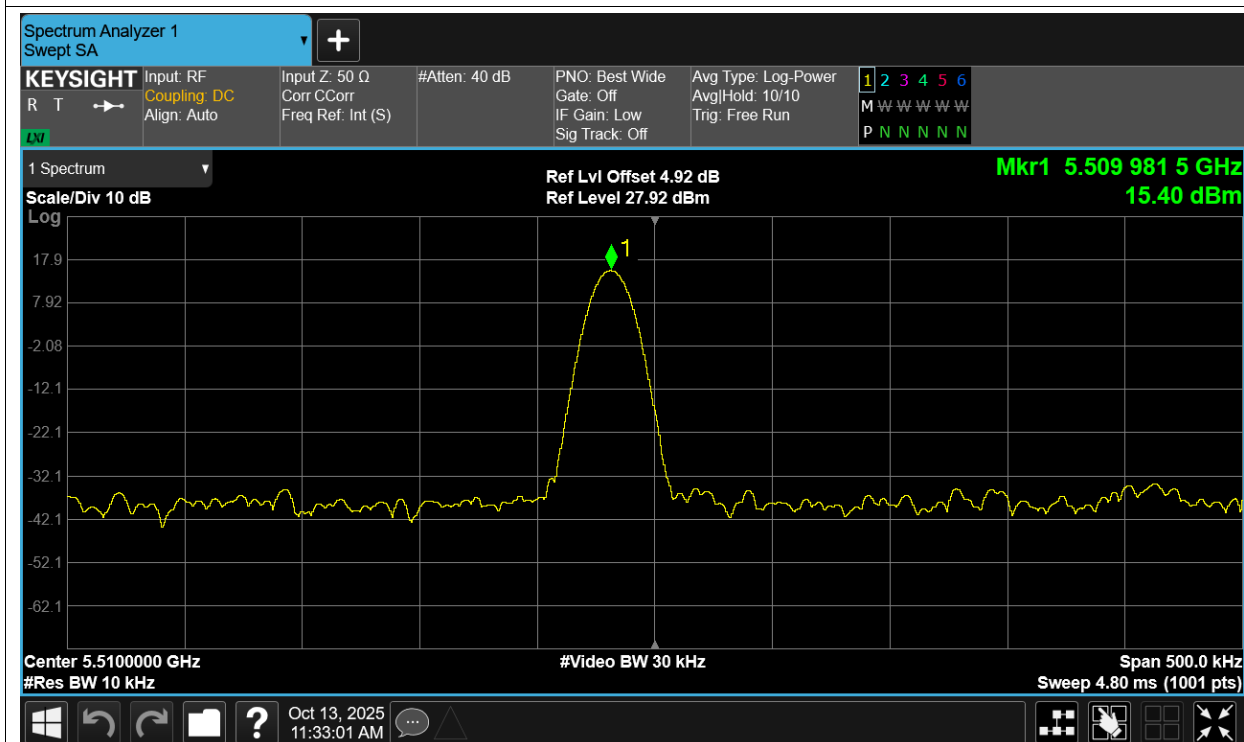
Freq. Stability NVNT ac80 5530MHz Ant1



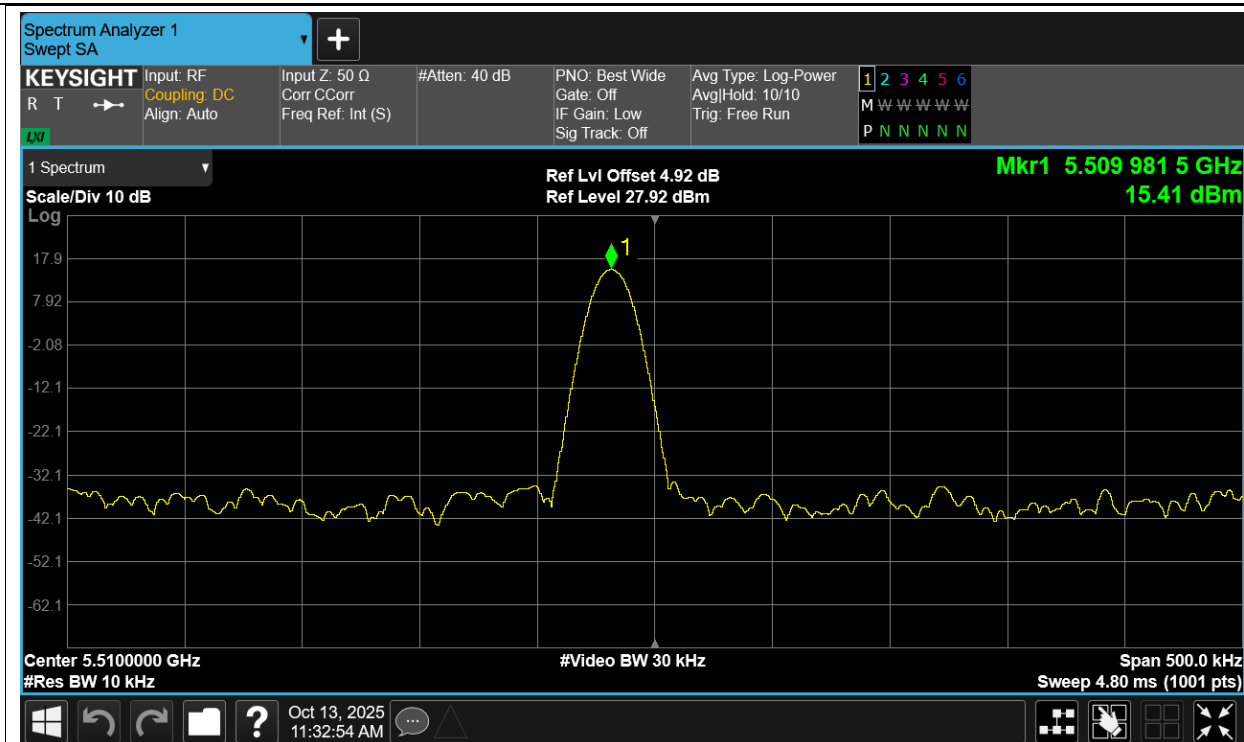
Freq. Stability HVNT n40 5510MHz Ant1



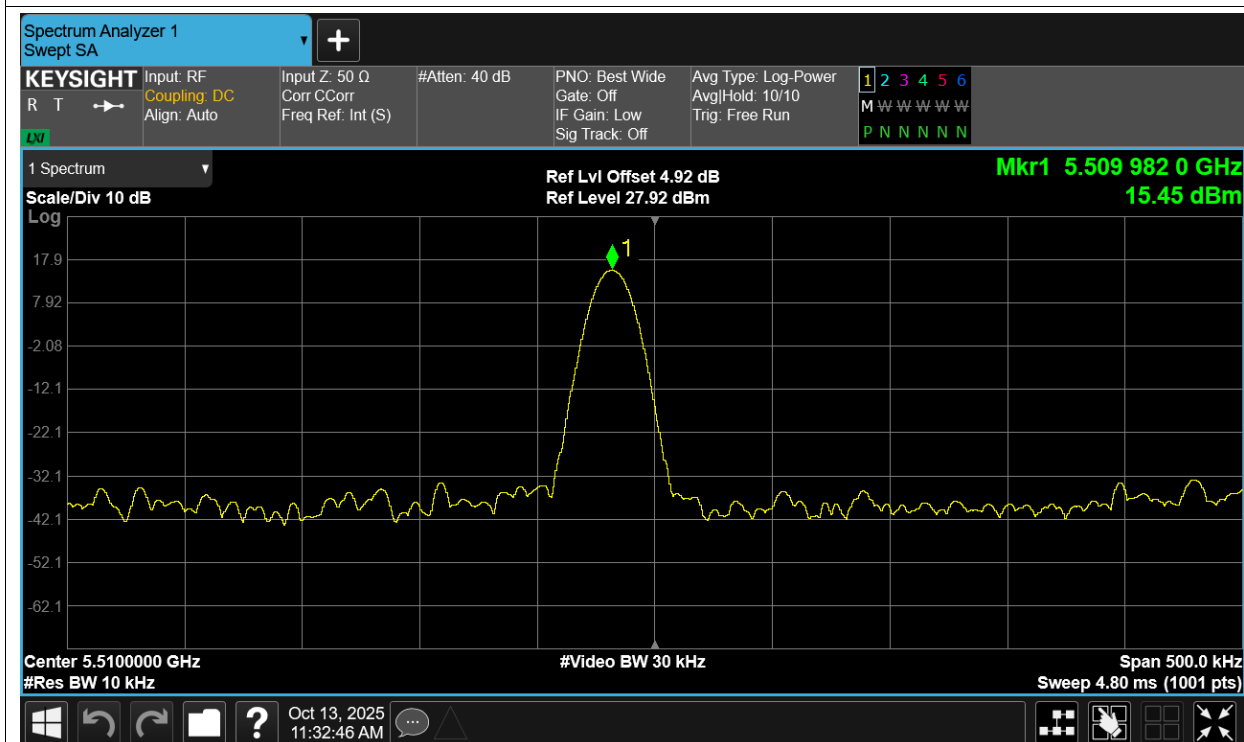
Freq. Stability LVNT n40 5510MHz Ant1



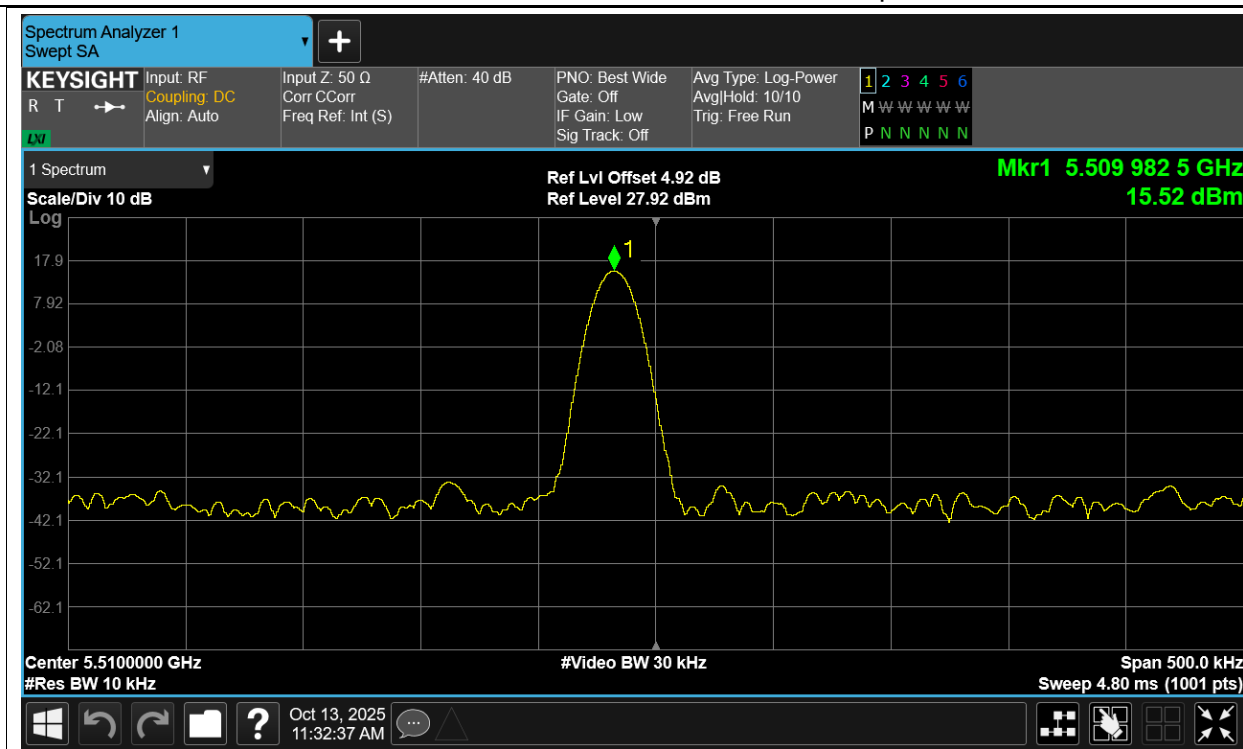
Freq. Stability NVHT n40 5510MHz Ant1



Freq. Stability NVLT n40 5510MHz Ant1



Freq. Stability NVNT n40 5510MHz Ant1





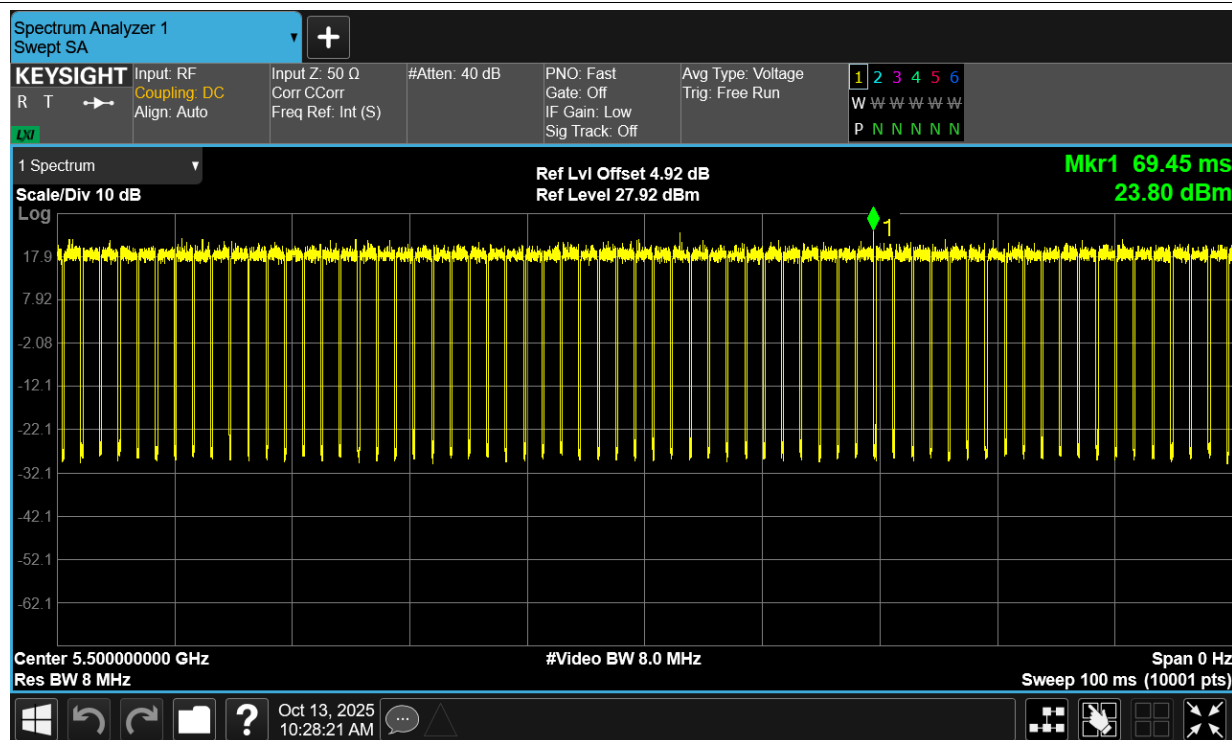
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	89.07	0.5
NVNT	a	5600	Ant1	88.62	0.52
NVNT	a	5700	Ant1	88.58	0.53
NVNT	ac20	5500	Ant1	87.81	0.56
NVNT	ac20	5600	Ant1	87.69	0.57
NVNT	ac20	5700	Ant1	87.76	0.57
NVNT	ac40	5510	Ant1	77.4	1.11
NVNT	ac40	5590	Ant1	77.46	1.11
NVNT	ac40	5670	Ant1	77.4	1.11
NVNT	ac80	5530	Ant1	64.54	1.9
NVNT	ac80	5610	Ant1	64.68	1.89
NVNT	n20	5500	Ant1	87.63	0.57
NVNT	n20	5600	Ant1	87.51	0.58
NVNT	n20	5700	Ant1	87.22	0.59
NVNT	n40	5510	Ant1	77.37	1.11
NVNT	n40	5590	Ant1	77.35	1.12
NVNT	n40	5670	Ant1	77.54	1.1

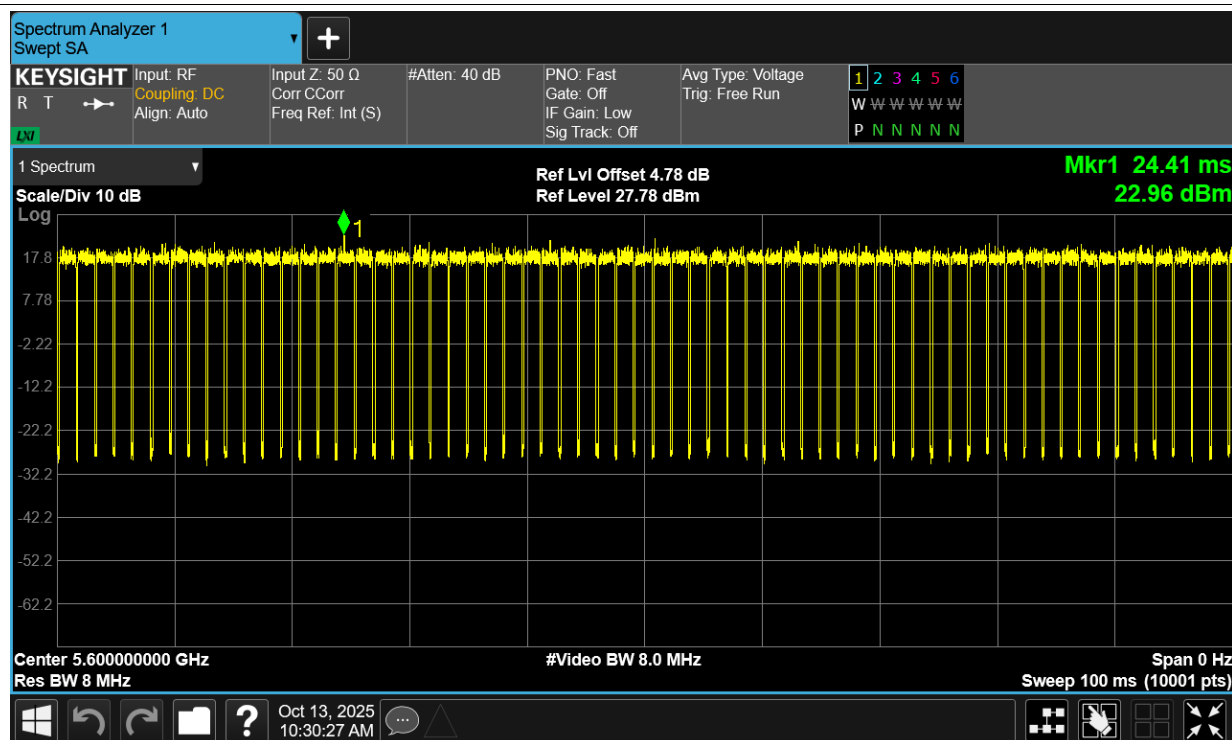


Test Graphs

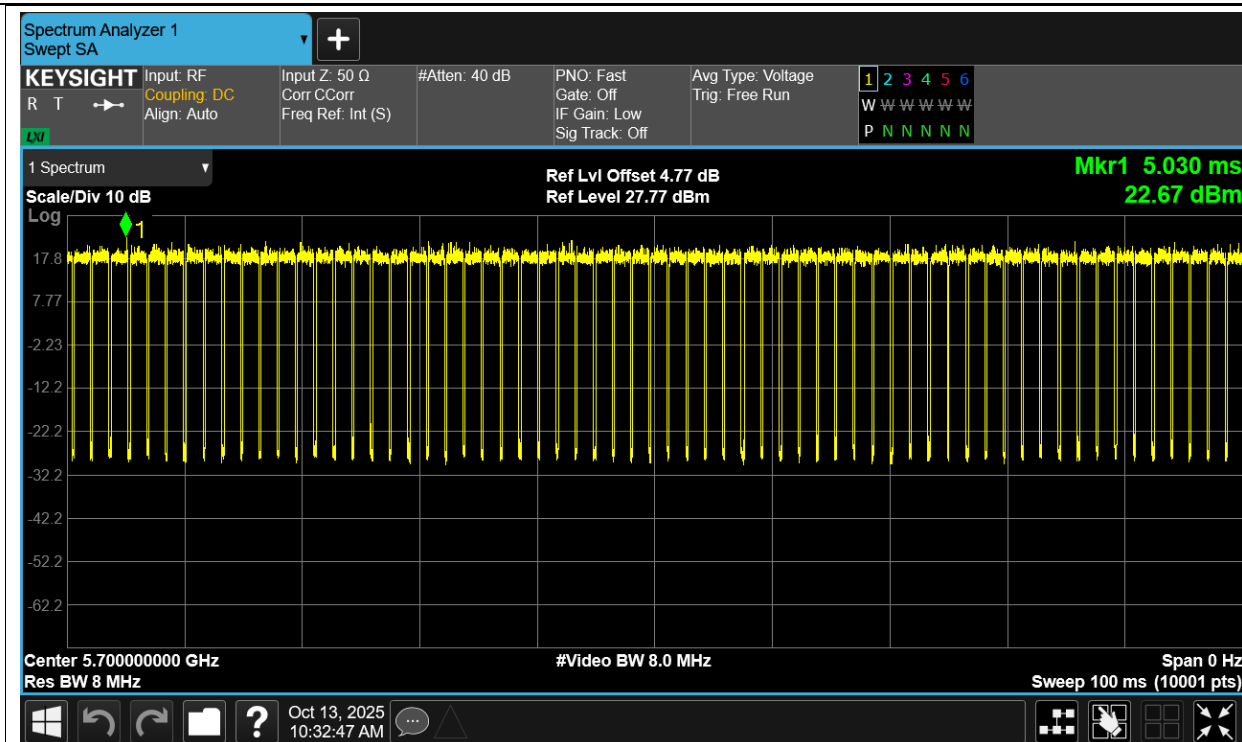
Duty Cycle NVNT a 5500MHz Ant1



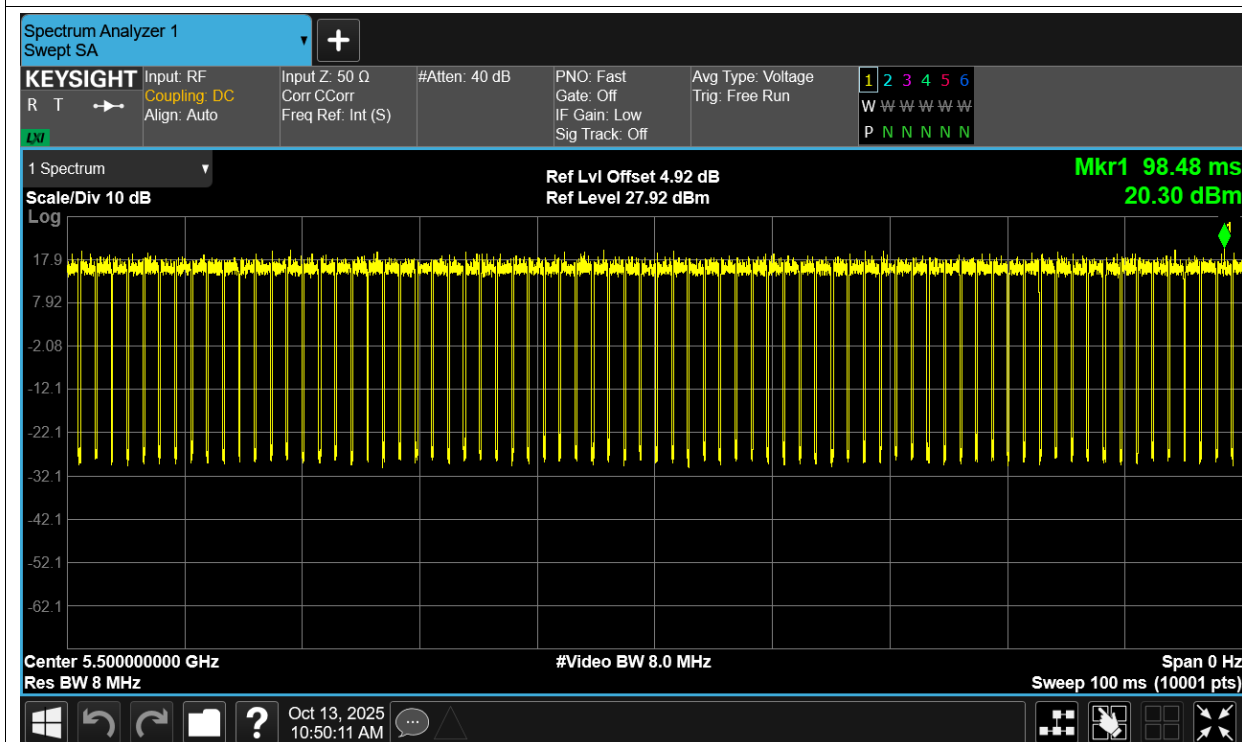
Duty Cycle NVNT a 5600MHz Ant1



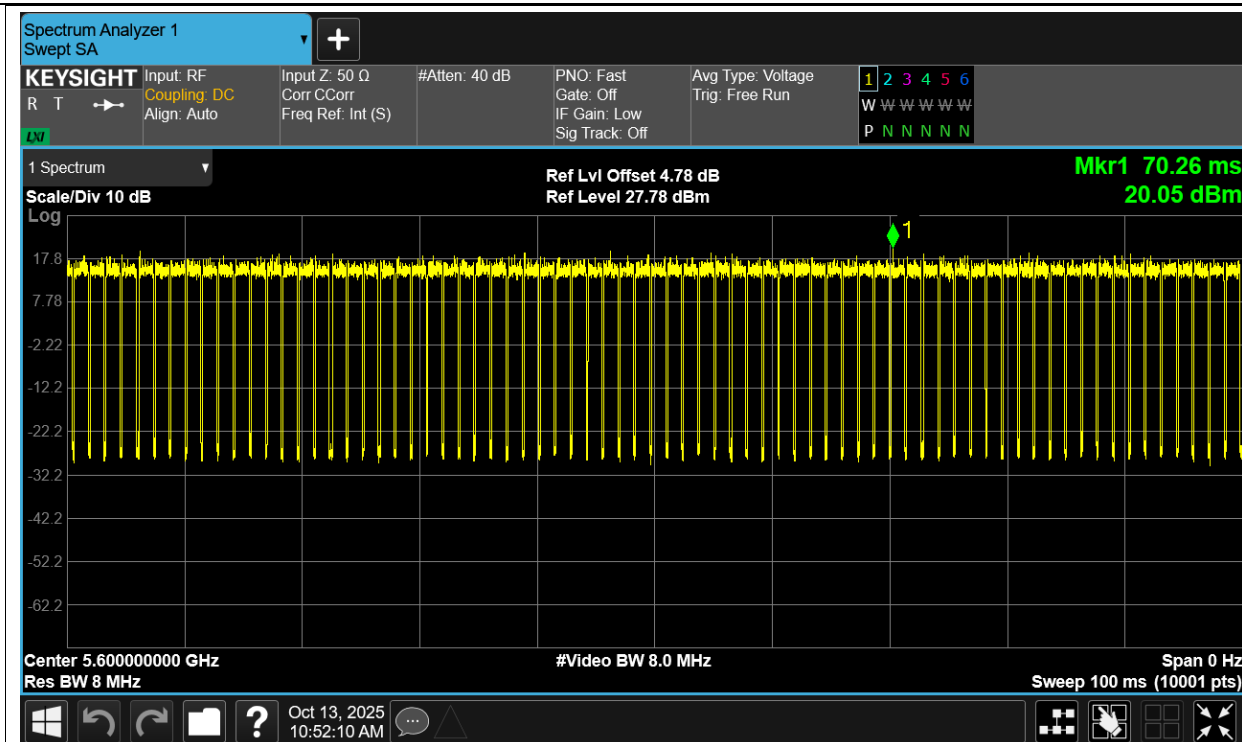
Duty Cycle NVNT a 5700MHz Ant1



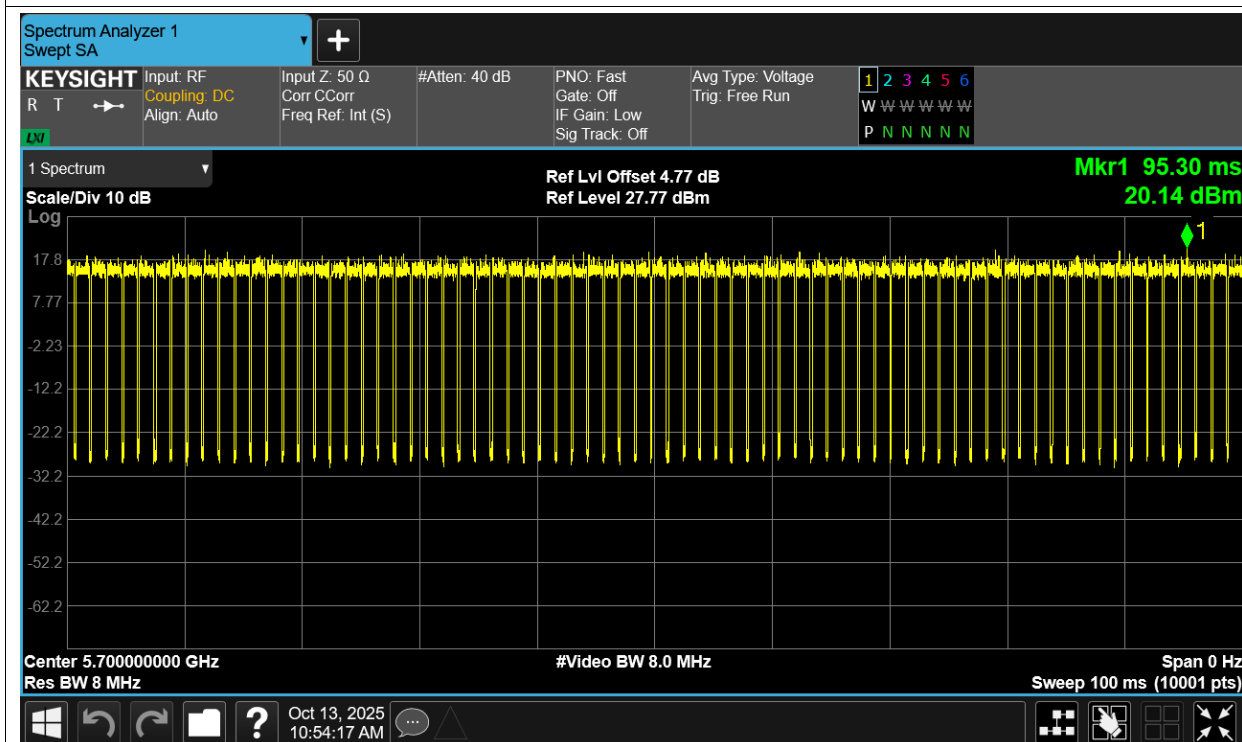
Duty Cycle NVNT ac20 5500MHz Ant1



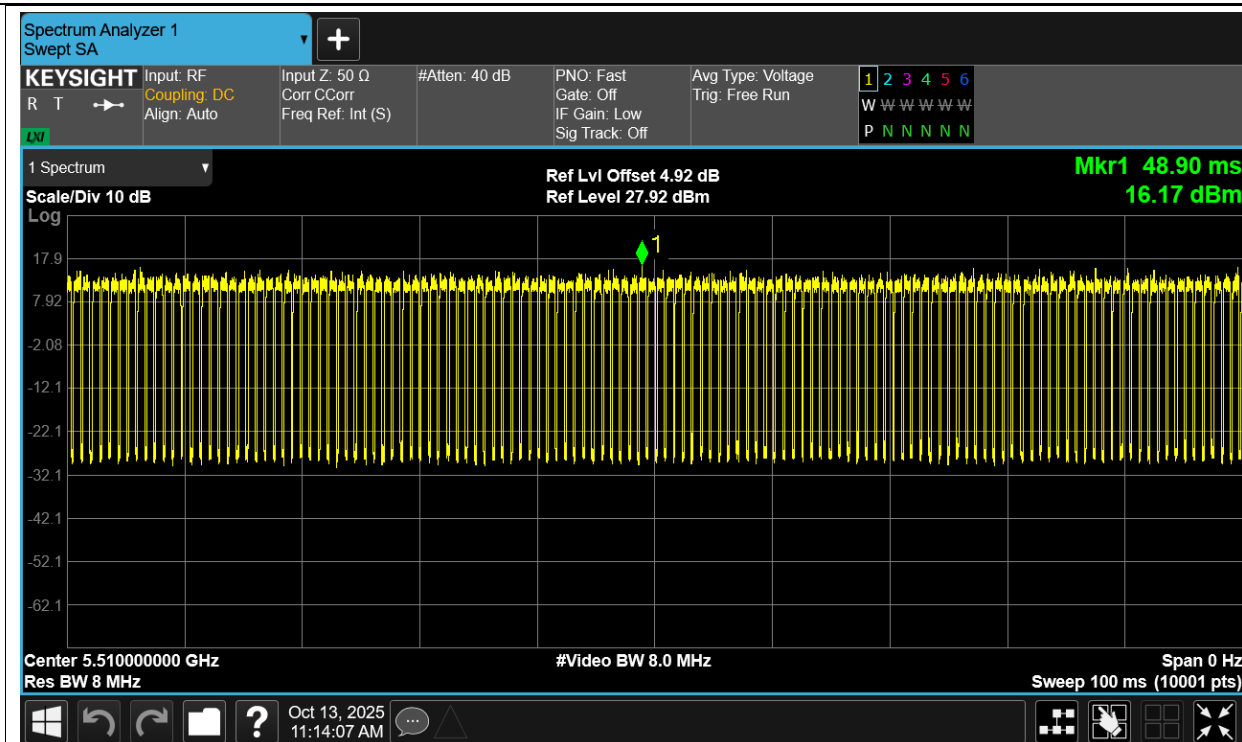
Duty Cycle NVNT ac20 5600MHz Ant1



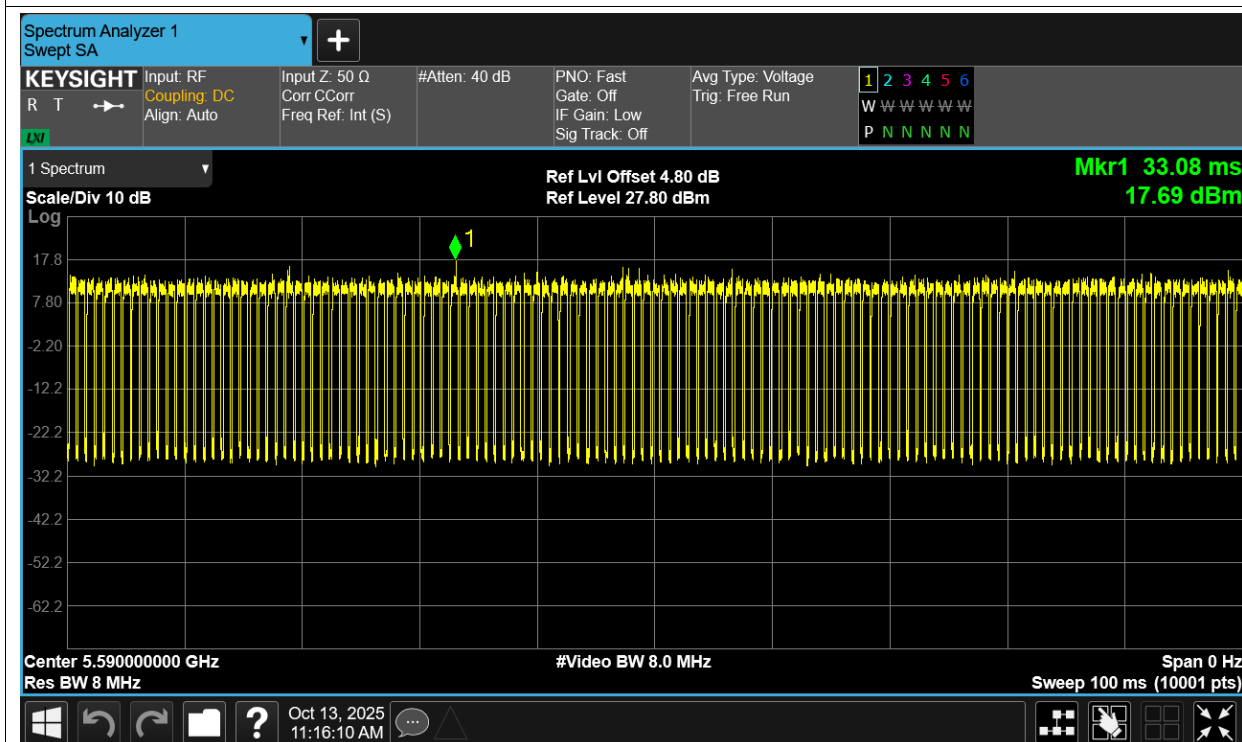
Duty Cycle NVNT ac20 5700MHz Ant1



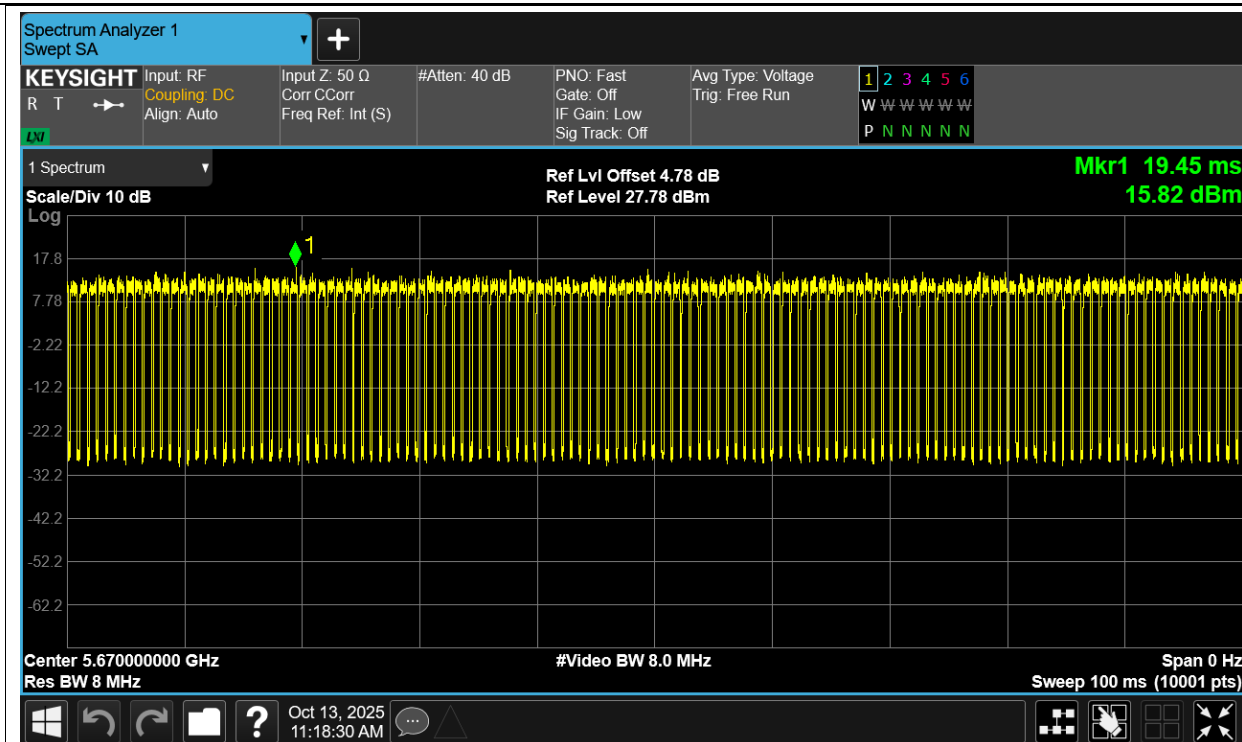
Duty Cycle NVNT ac40 5510MHz Ant1



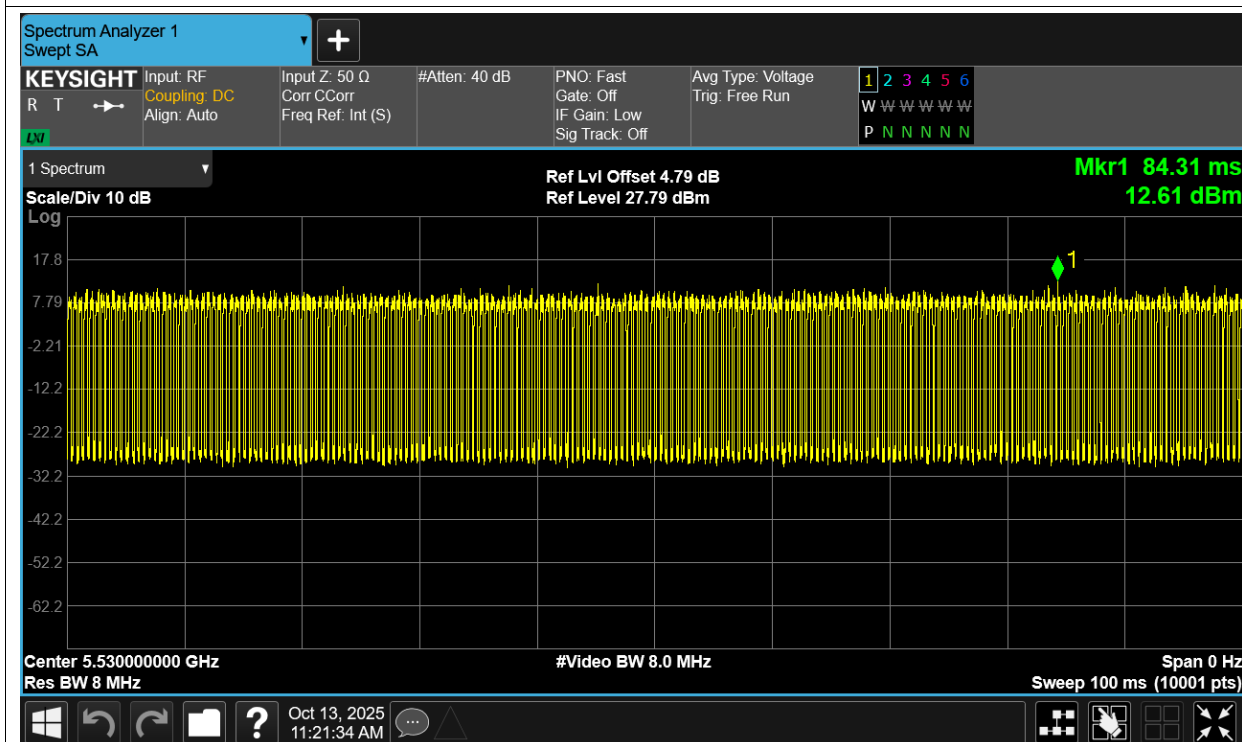
Duty Cycle NVNT ac40 5590MHz Ant1



Duty Cycle NVNT ac40 5670MHz Ant1



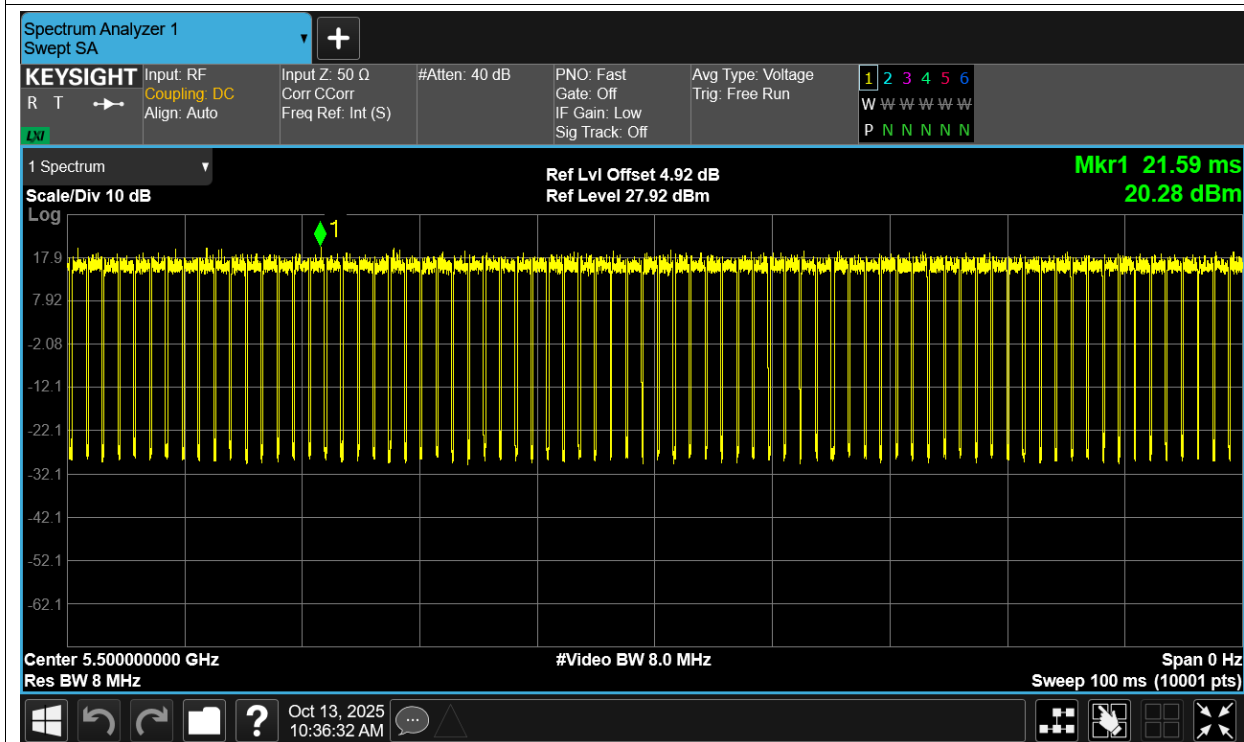
Duty Cycle NVNT ac80 5530MHz Ant1



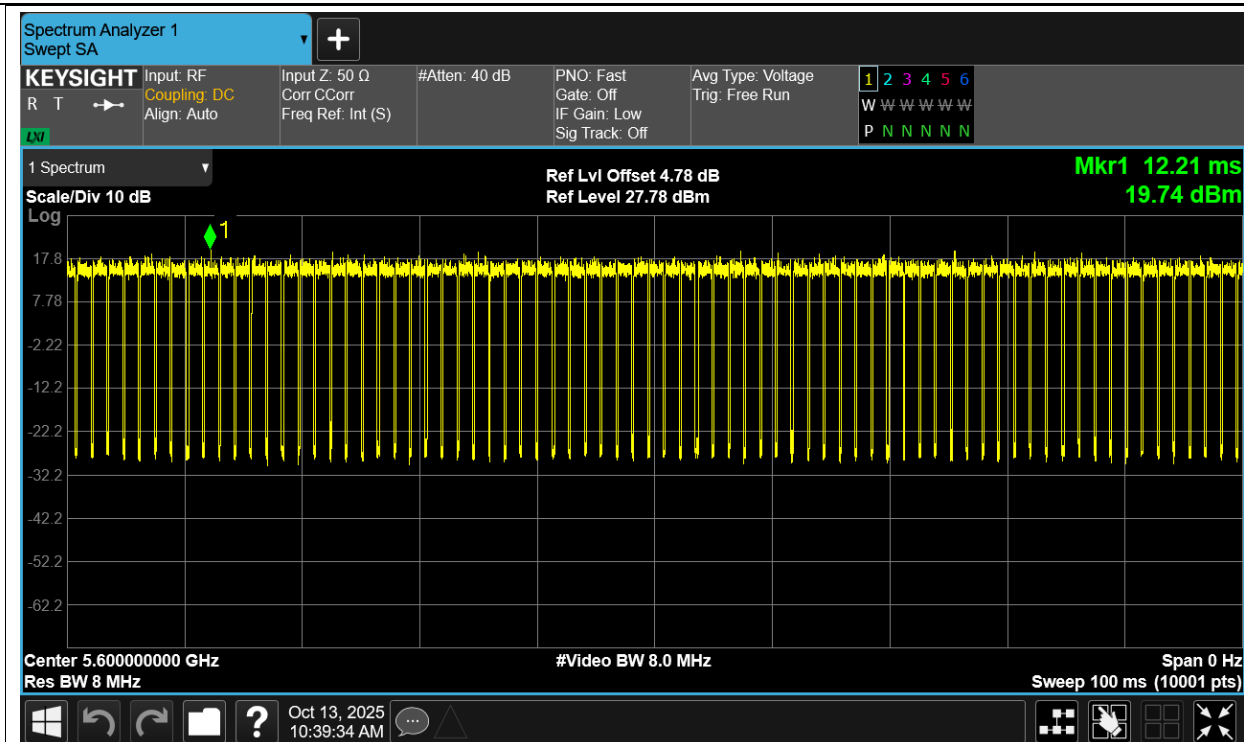
Duty Cycle NVNT ac80 5610MHz Ant1



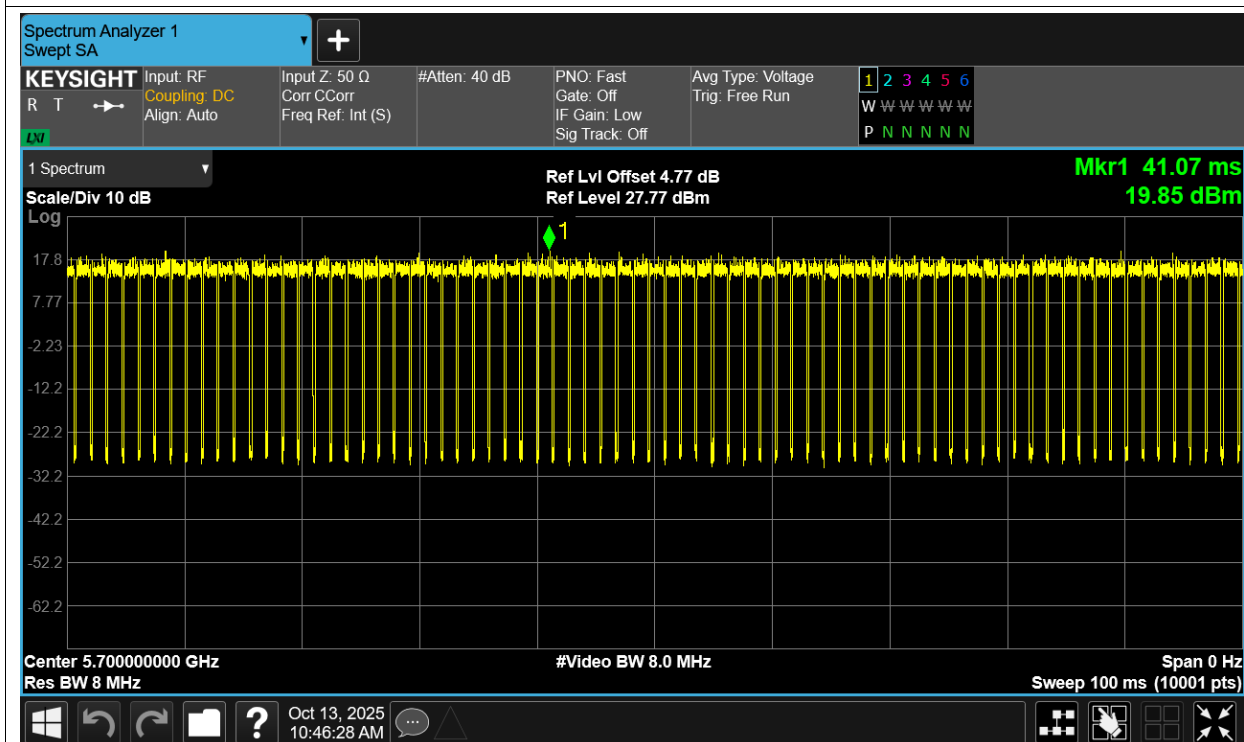
Duty Cycle NVNT n20 5500MHz Ant1



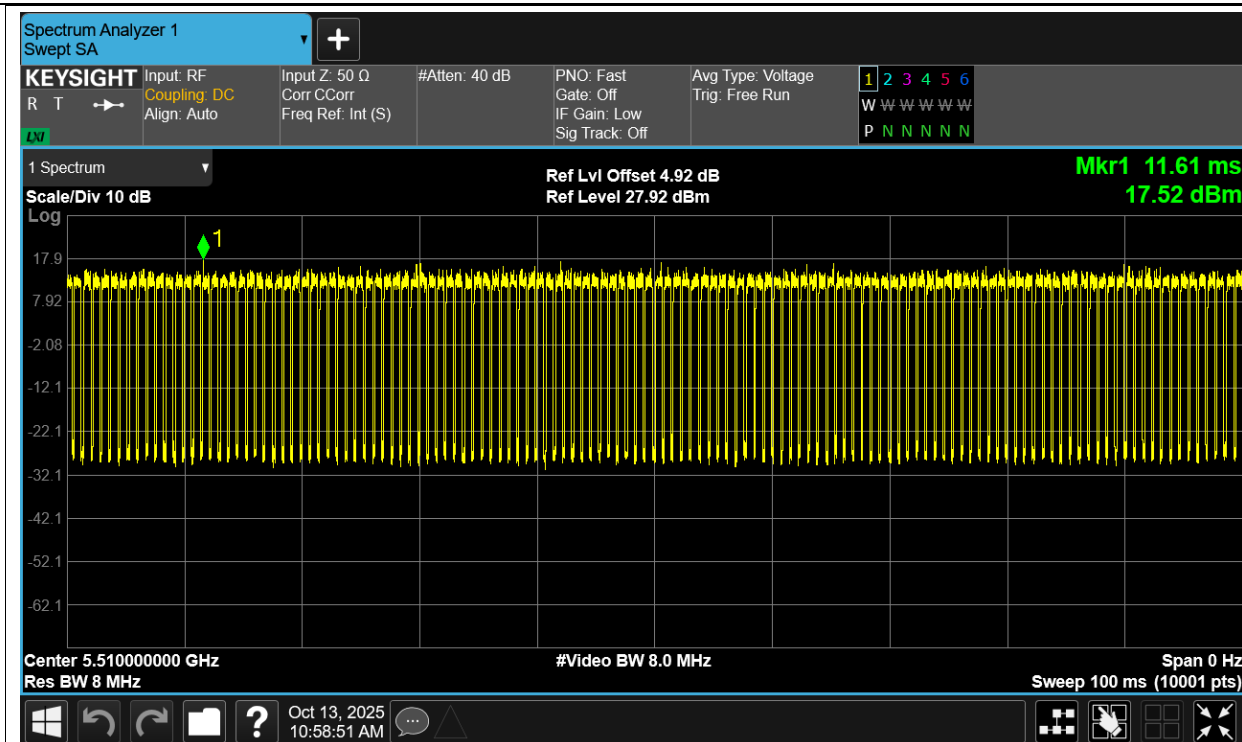
Duty Cycle NVNT n20 5600MHz Ant1



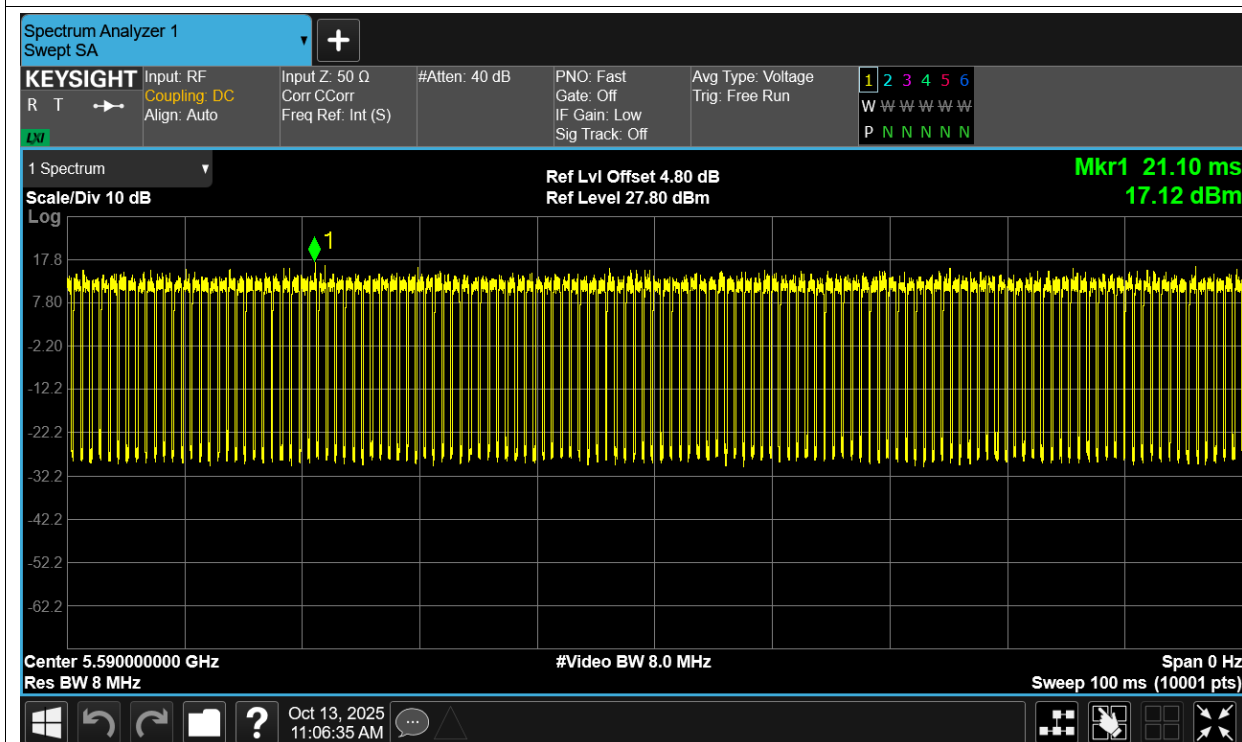
Duty Cycle NVNT n20 5700MHz Ant1



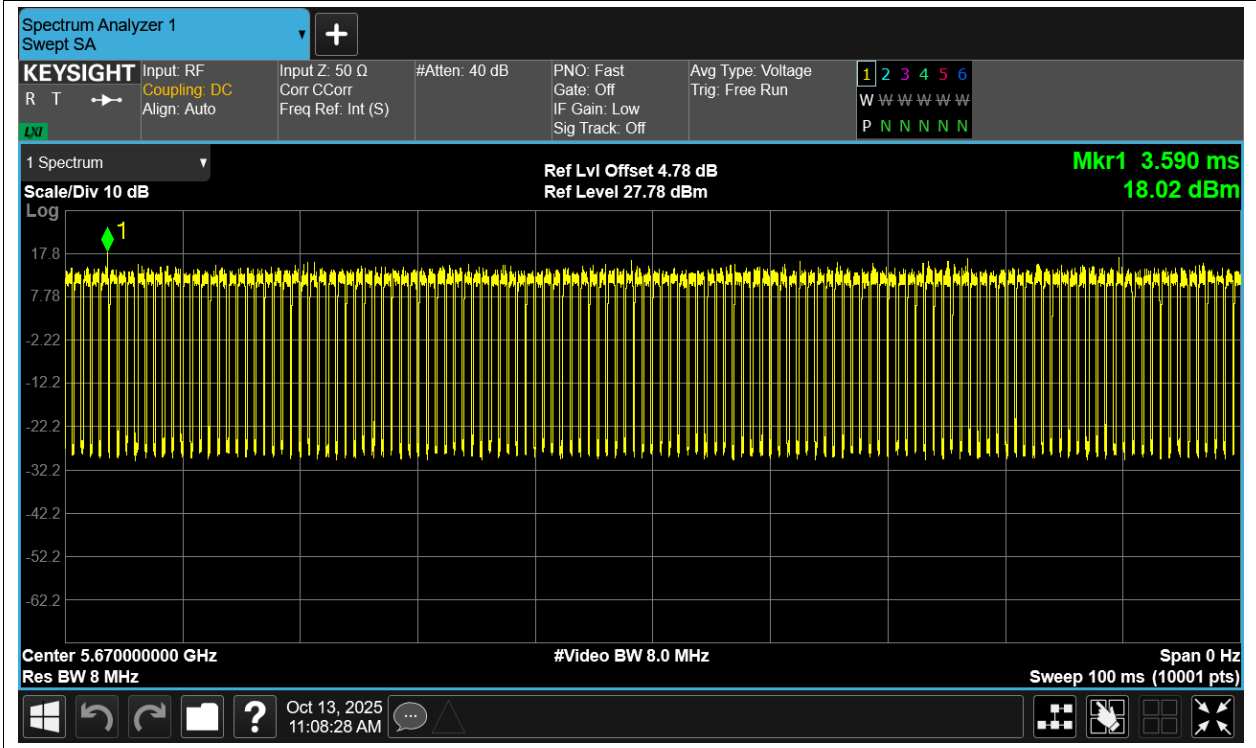
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



Duty Cycle NVNT n40 5670MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	14.75	0.5	15.25	24	Pass
NVNT	a	5600	Ant1	13.87	0.52	14.39	24	Pass
NVNT	a	5700	Ant1	14.03	0.53	14.56	24	Pass
NVNT	ac20	5500	Ant1	12.39	0.56	12.95	24	Pass
NVNT	ac20	5600	Ant1	11.4	0.57	11.97	24	Pass
NVNT	ac20	5700	Ant1	11.5	0.57	12.07	24	Pass
NVNT	ac40	5510	Ant1	11.31	1.11	12.42	24	Pass
NVNT	ac40	5590	Ant1	10.35	1.11	11.46	24	Pass
NVNT	ac40	5670	Ant1	10.99	1.11	12.1	24	Pass
NVNT	ac80	5530	Ant1	11.23	1.9	13.13	24	Pass
NVNT	ac80	5610	Ant1	10.01	1.89	11.9	24	Pass
NVNT	n20	5500	Ant1	12.43	0.57	13	24	Pass
NVNT	n20	5600	Ant1	11.52	0.58	12.1	24	Pass
NVNT	n20	5700	Ant1	11.57	0.59	12.16	24	Pass
NVNT	n40	5510	Ant1	12.21	1.11	13.32	24	Pass
NVNT	n40	5590	Ant1	11.19	1.12	12.31	24	Pass
NVNT	n40	5670	Ant1	11.87	1.1	12.97	24	Pass



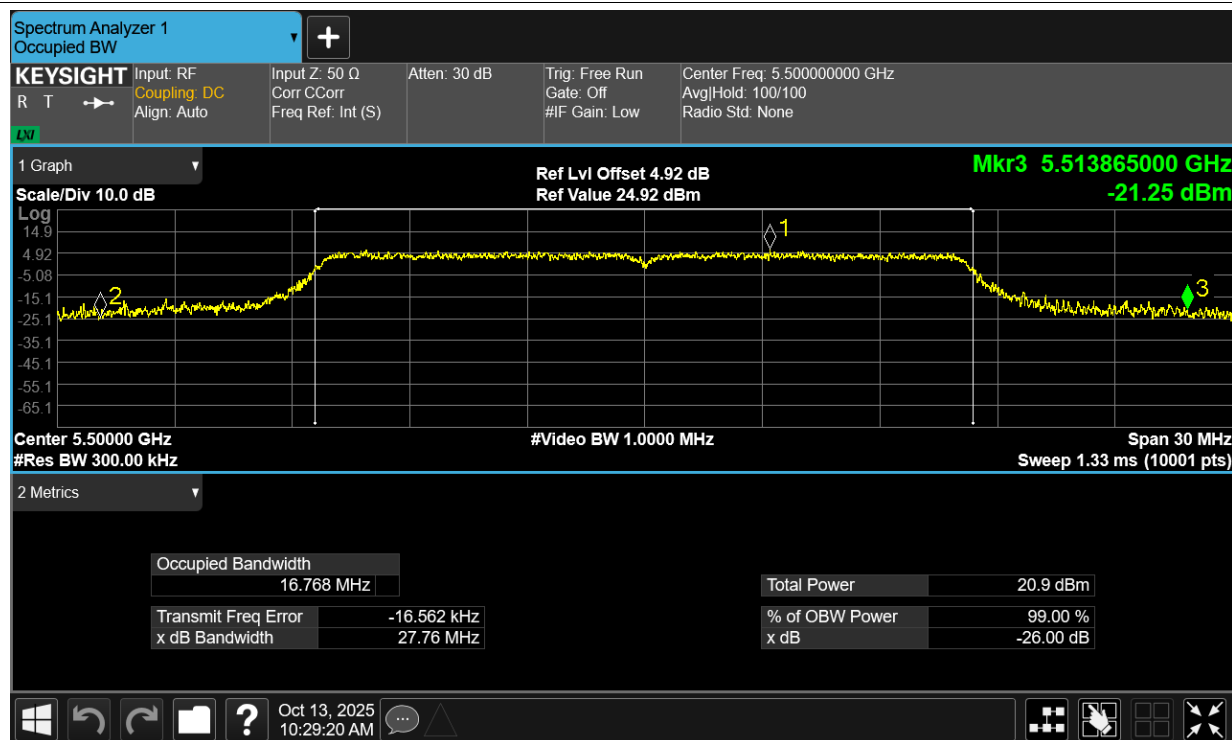
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	27.763
NVNT	a	5600	Ant1	28.544
NVNT	a	5700	Ant1	27.896
NVNT	ac20	5500	Ant1	26.732
NVNT	ac20	5600	Ant1	26.919
NVNT	ac20	5700	Ant1	24.743
NVNT	ac40	5510	Ant1	54.31
NVNT	ac40	5590	Ant1	49.243
NVNT	ac40	5670	Ant1	53.706
NVNT	ac80	5530	Ant1	80.867
NVNT	ac80	5610	Ant1	82.561
NVNT	n20	5500	Ant1	28.574
NVNT	n20	5600	Ant1	27.999
NVNT	n20	5700	Ant1	29.165
NVNT	n40	5510	Ant1	48.467
NVNT	n40	5590	Ant1	49.972
NVNT	n40	5670	Ant1	48.871

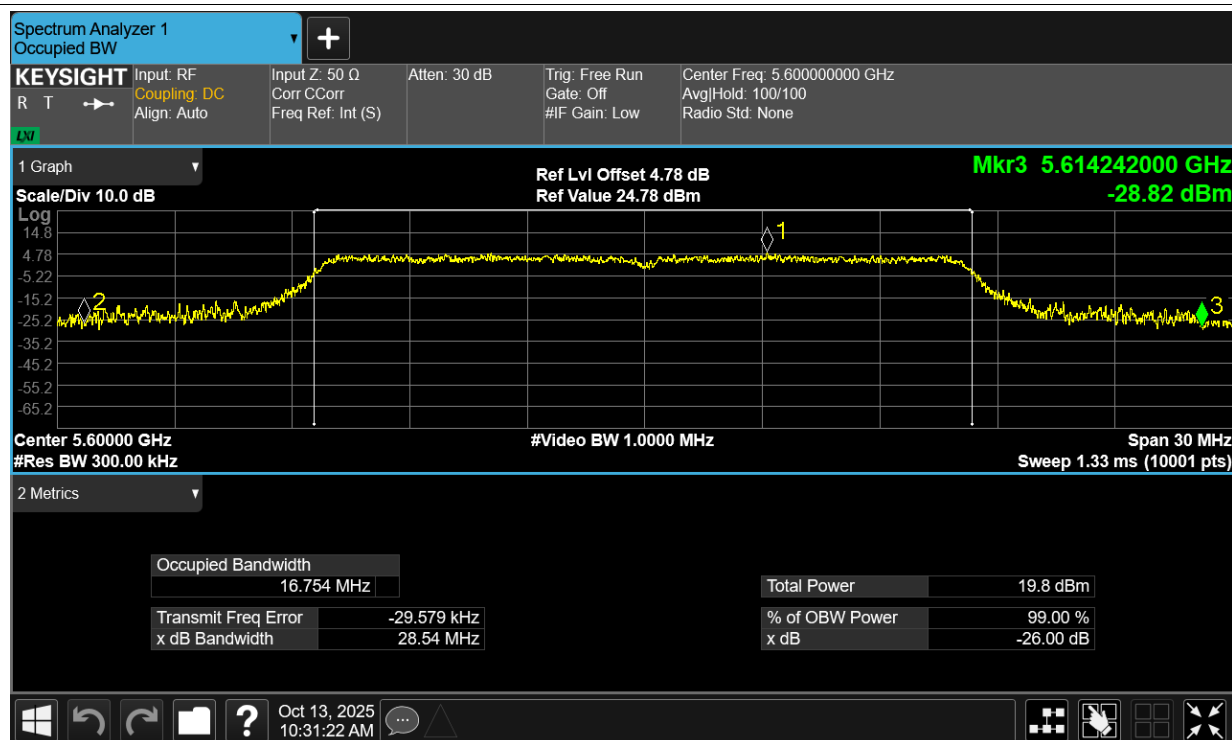


Test Graphs

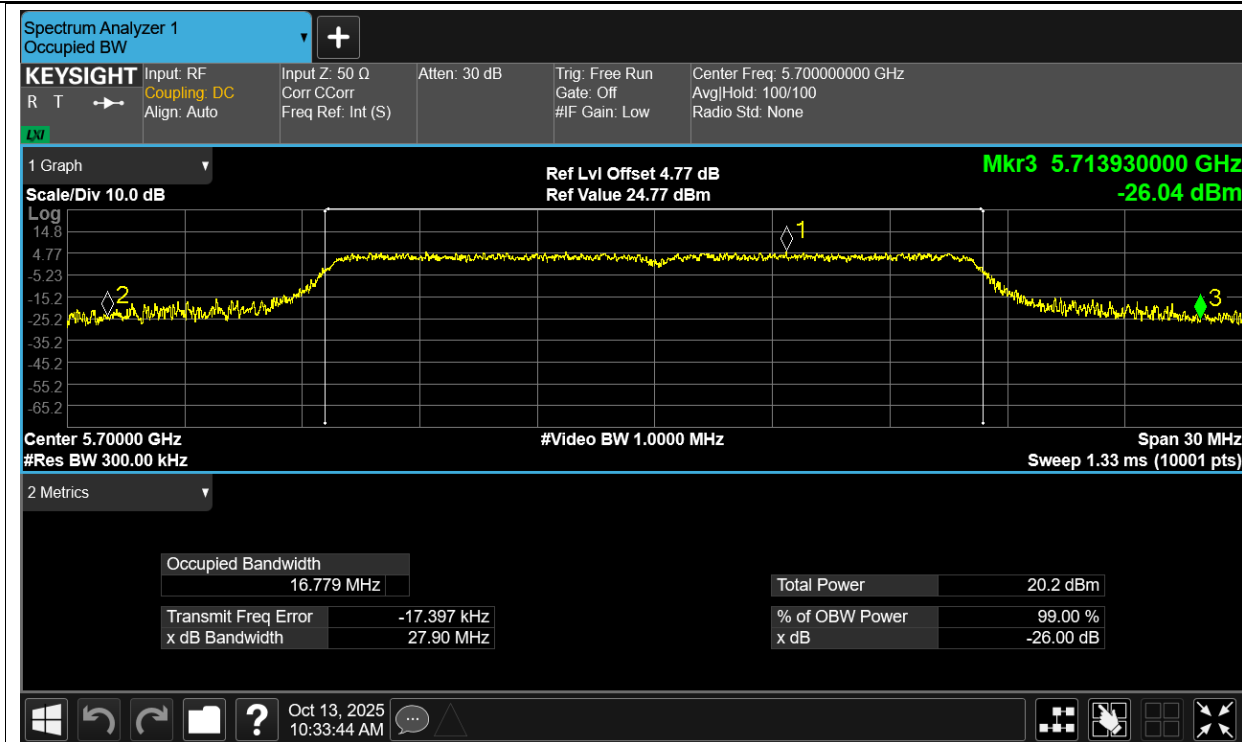
-26dB Bandwidth NVNT a 5500MHz Ant1



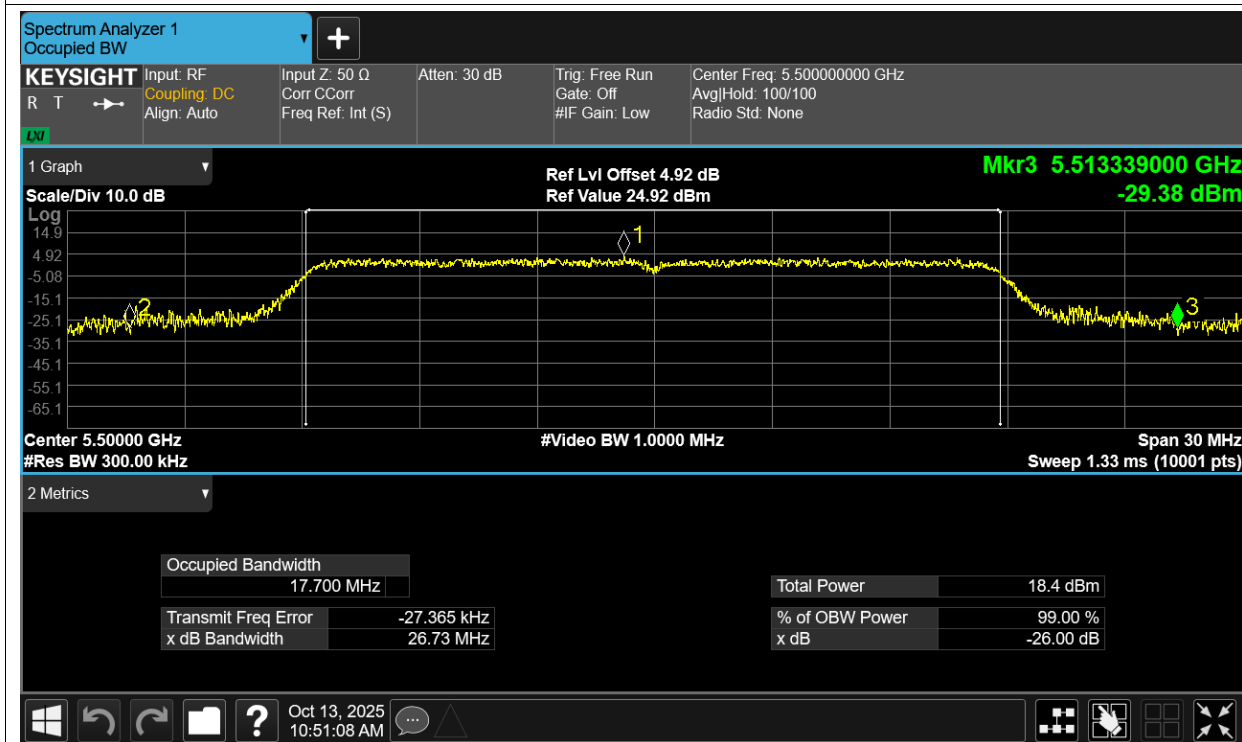
-26dB Bandwidth NVNT a 5600MHz Ant1



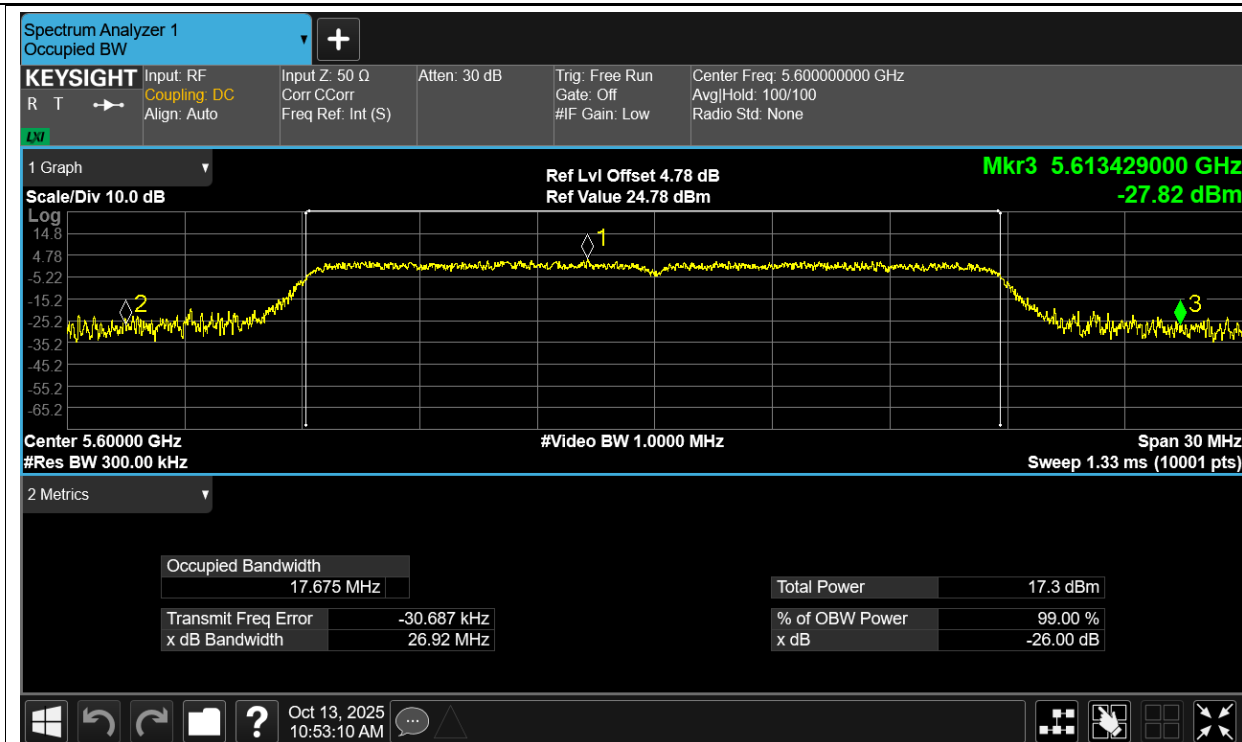
-26dB Bandwidth NVNT a 5700MHz Ant1



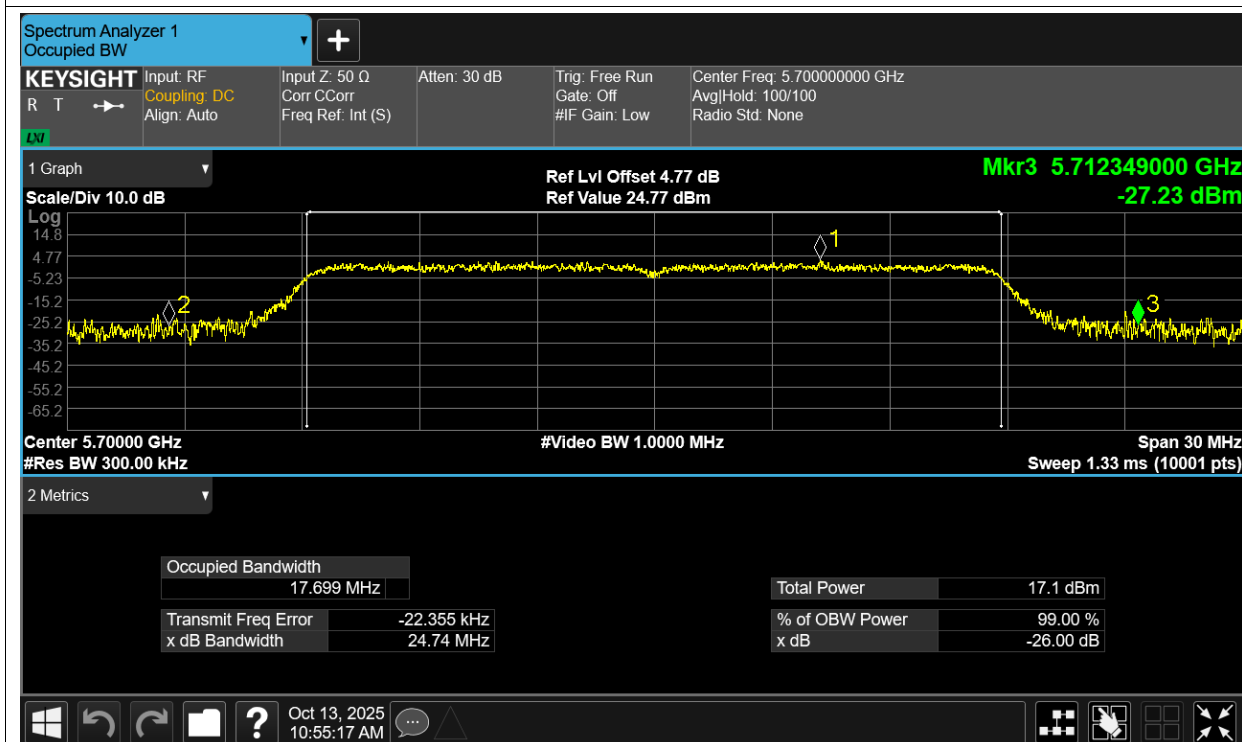
-26dB Bandwidth NVNT ac20 5500MHz Ant1



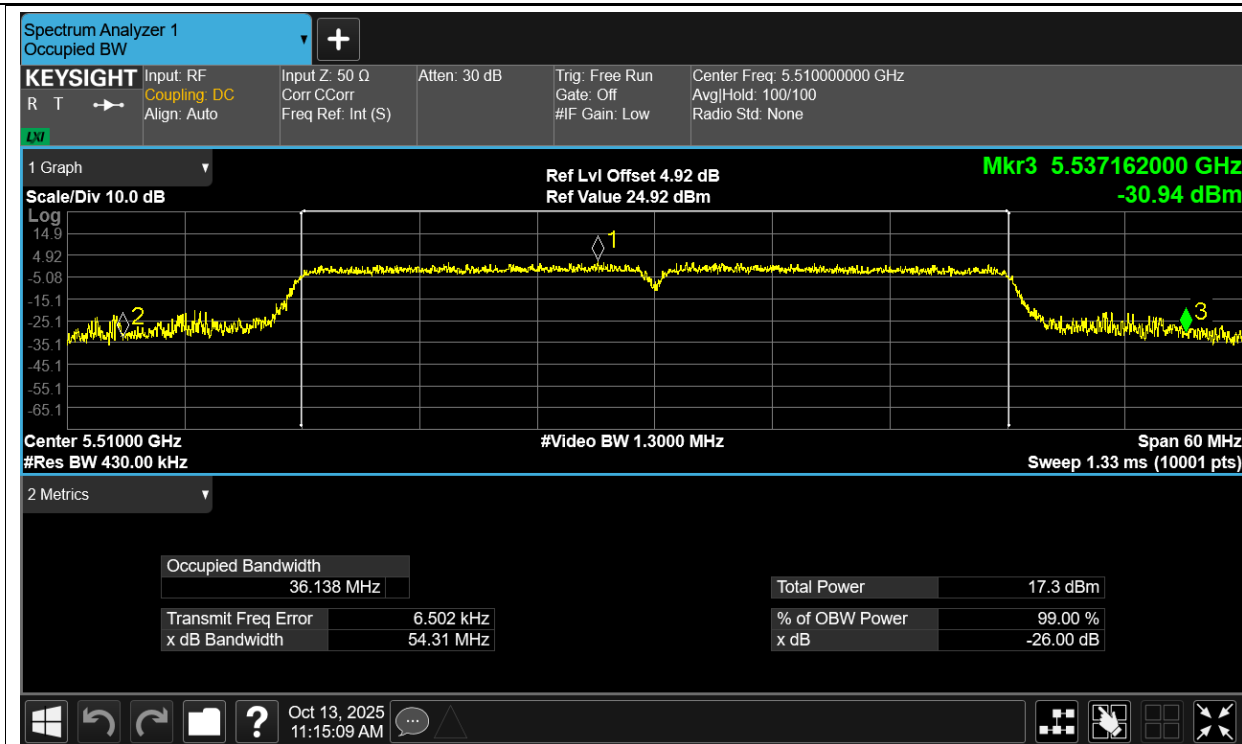
-26dB Bandwidth NVNT ac20 5600MHz Ant1



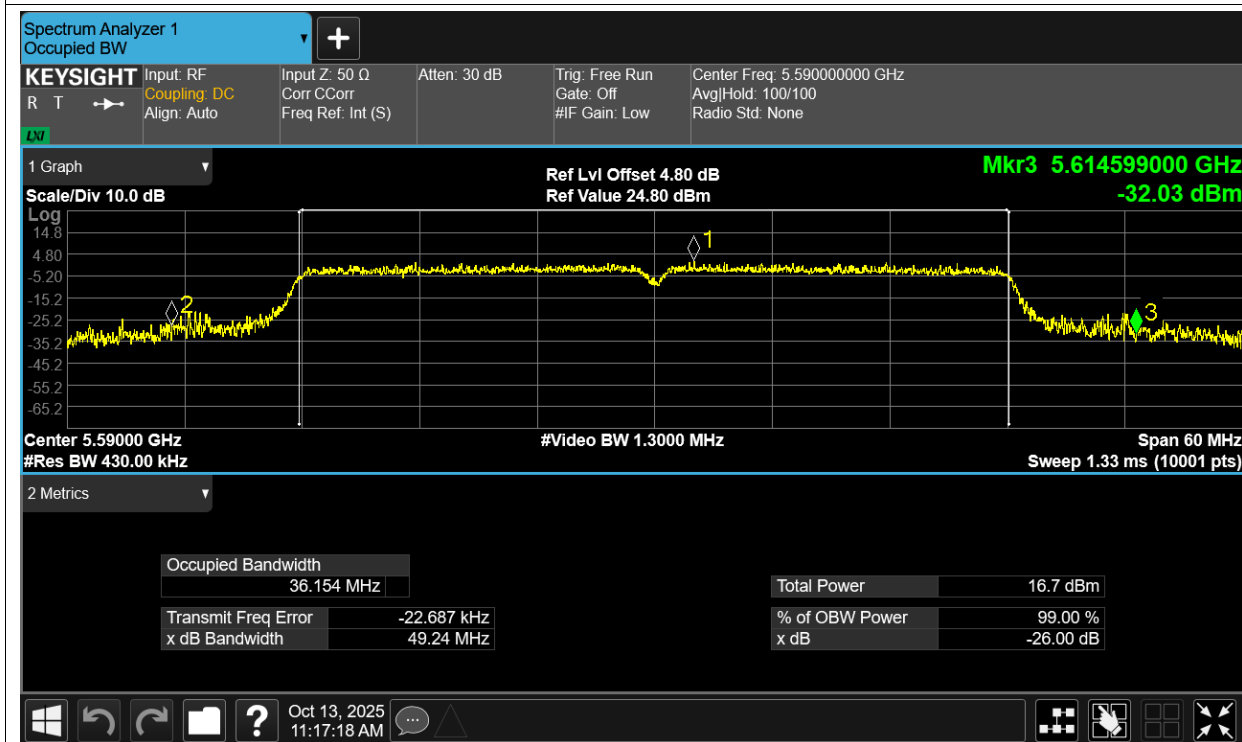
-26dB Bandwidth NVNT ac20 5700MHz Ant1



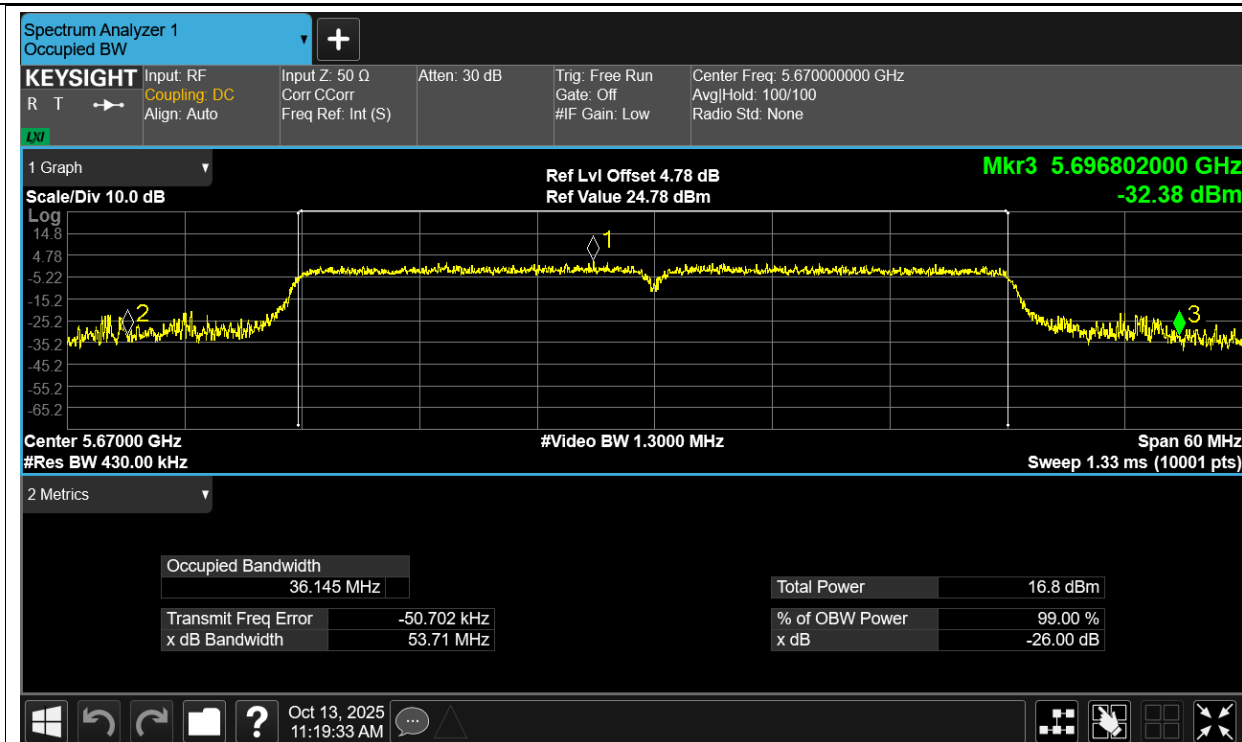
-26dB Bandwidth NVNT ac40 5510MHz Ant1



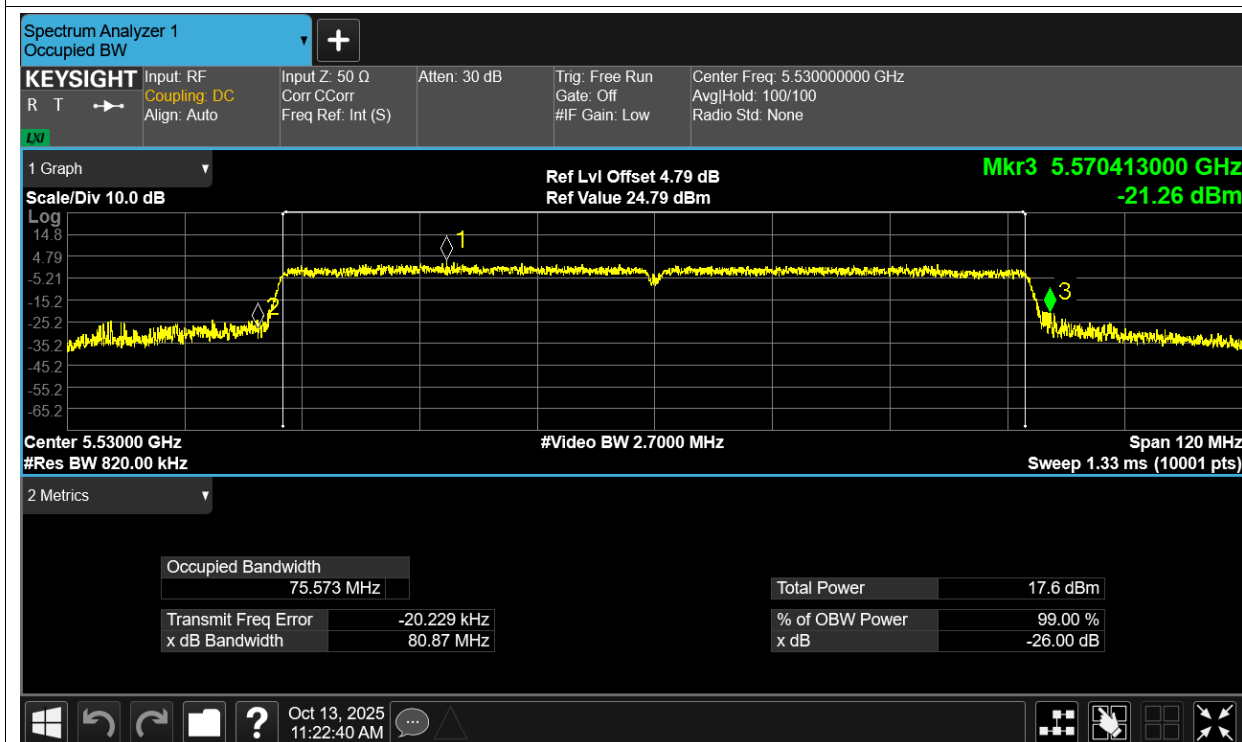
-26dB Bandwidth NVNT ac40 5590MHz Ant1



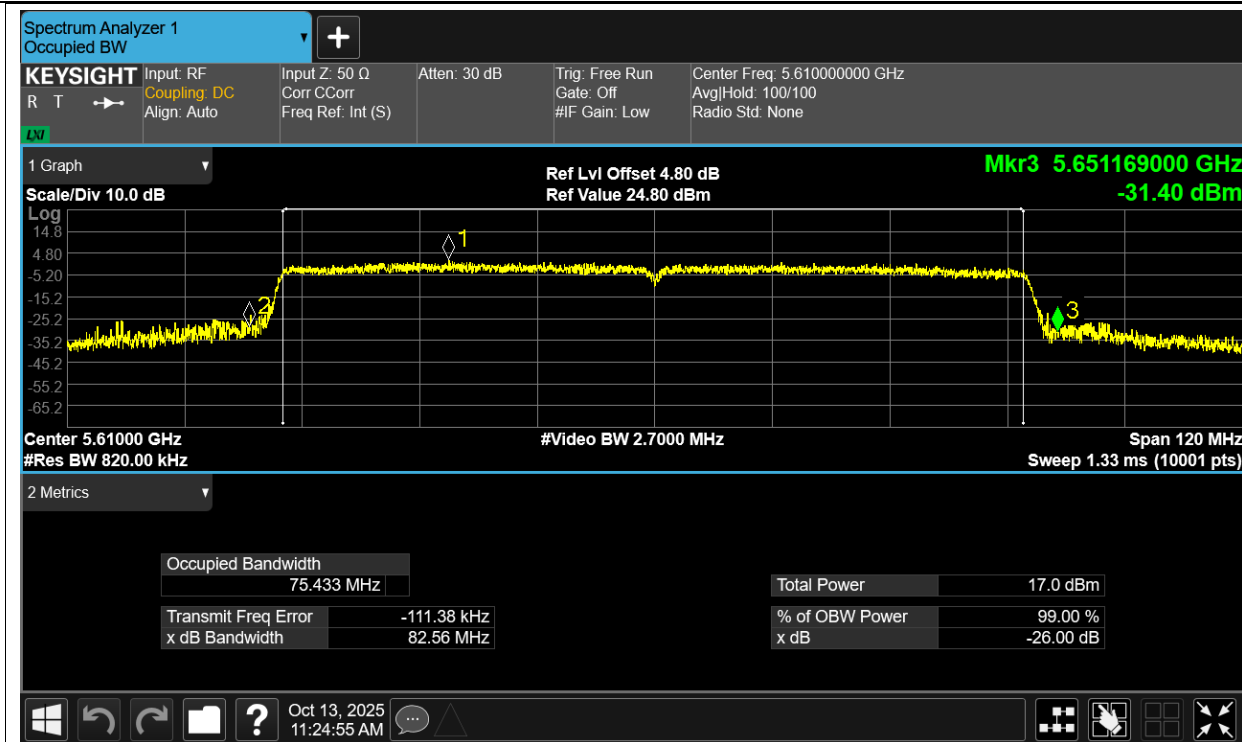
-26dB Bandwidth NVNT ac40 5670MHz Ant1



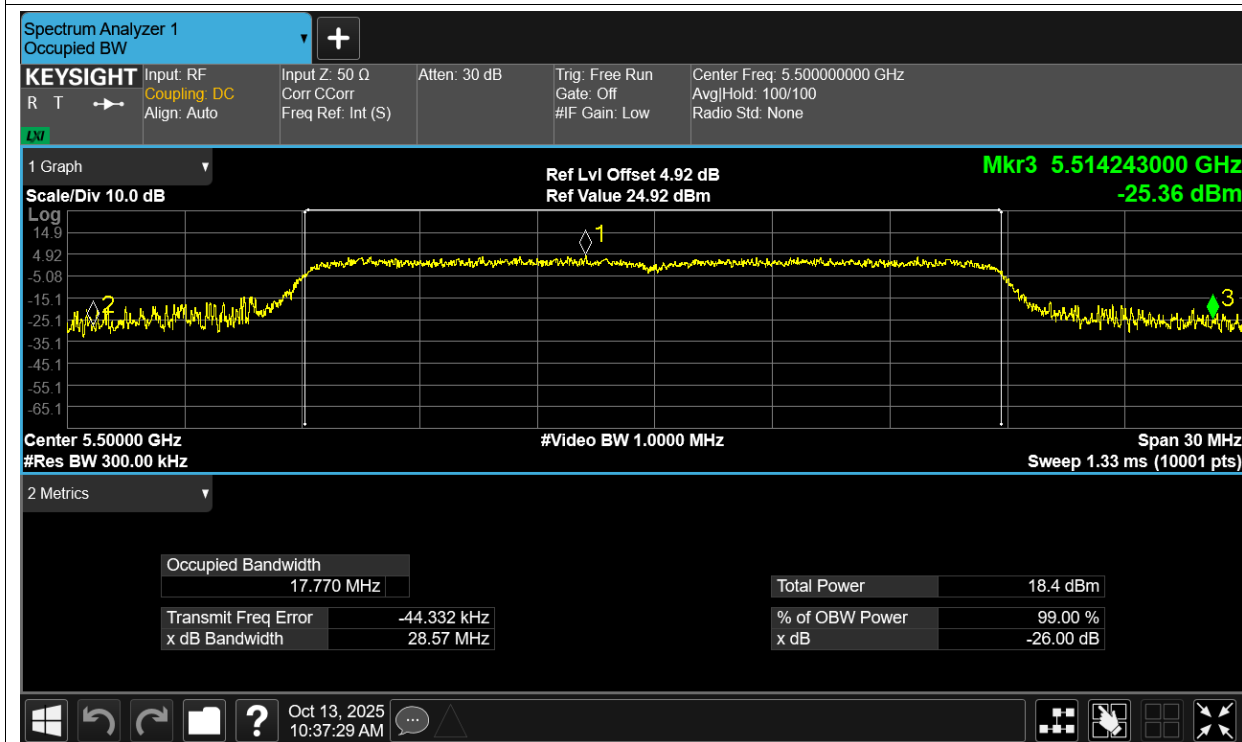
-26dB Bandwidth NVNT ac80 5530MHz Ant1



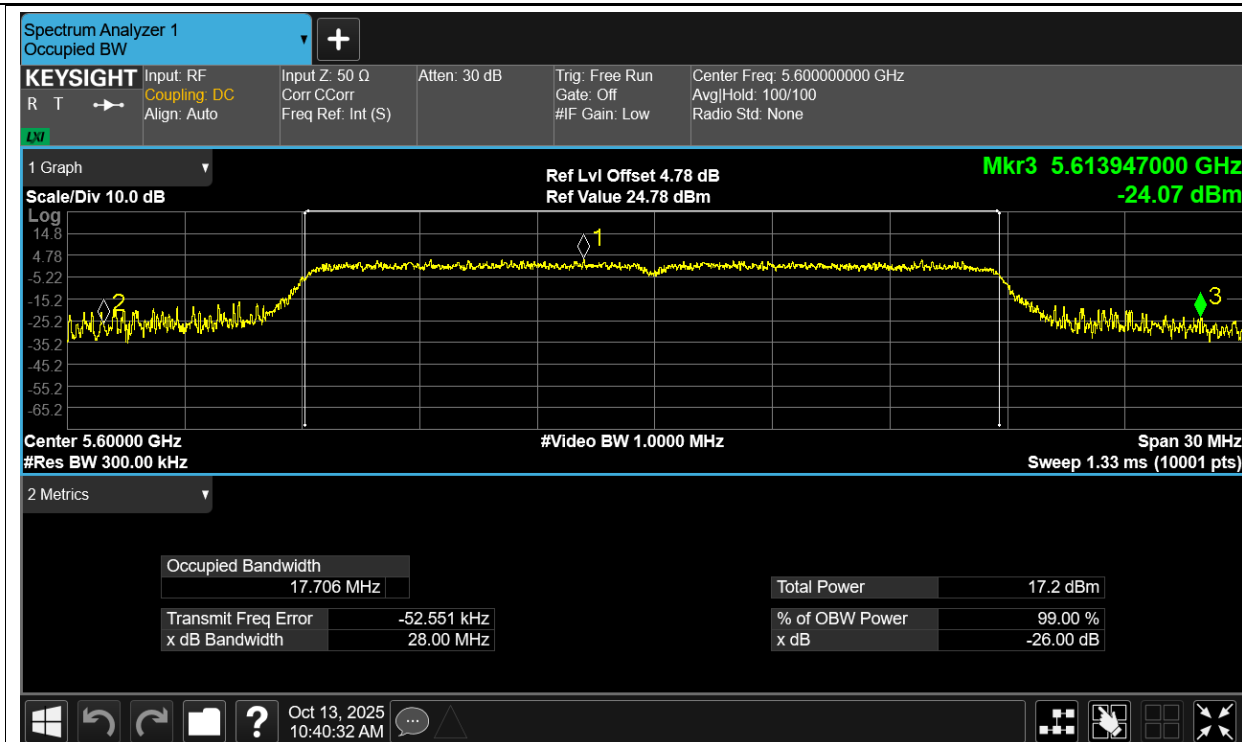
-26dB Bandwidth NVNT ac80 5610MHz Ant1



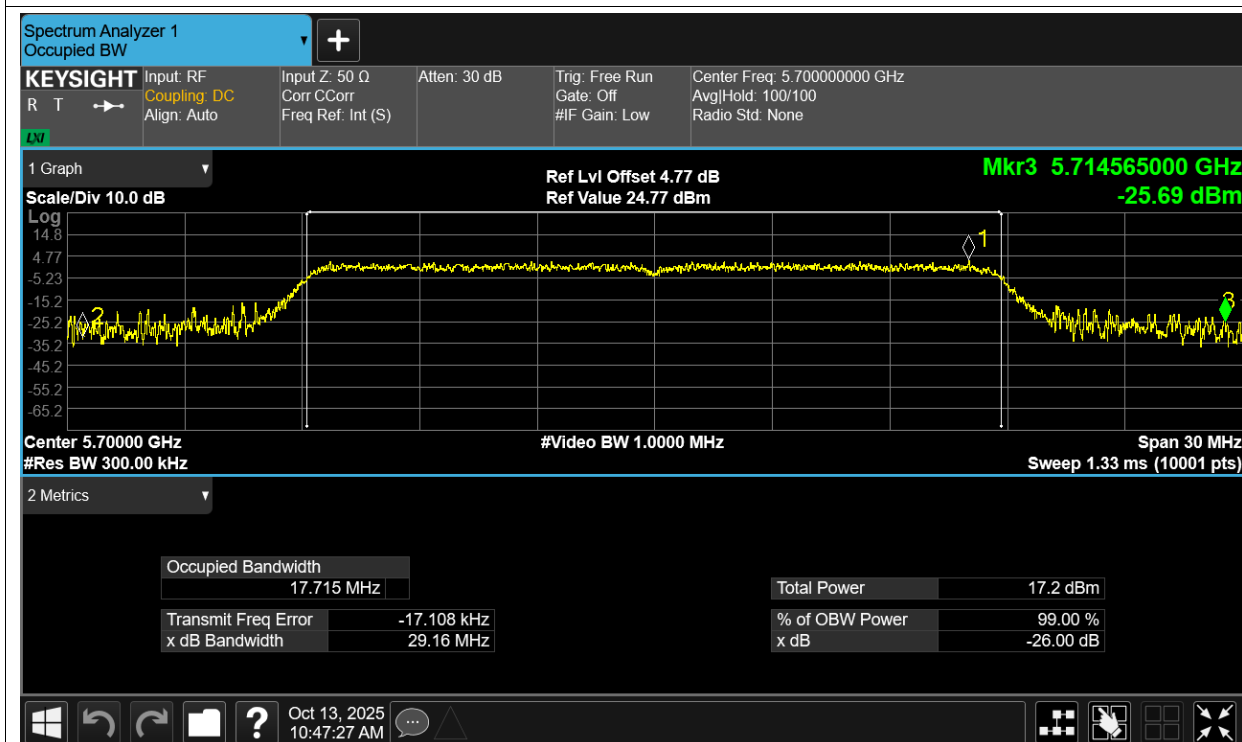
-26dB Bandwidth NVNT n20 5500MHz Ant1



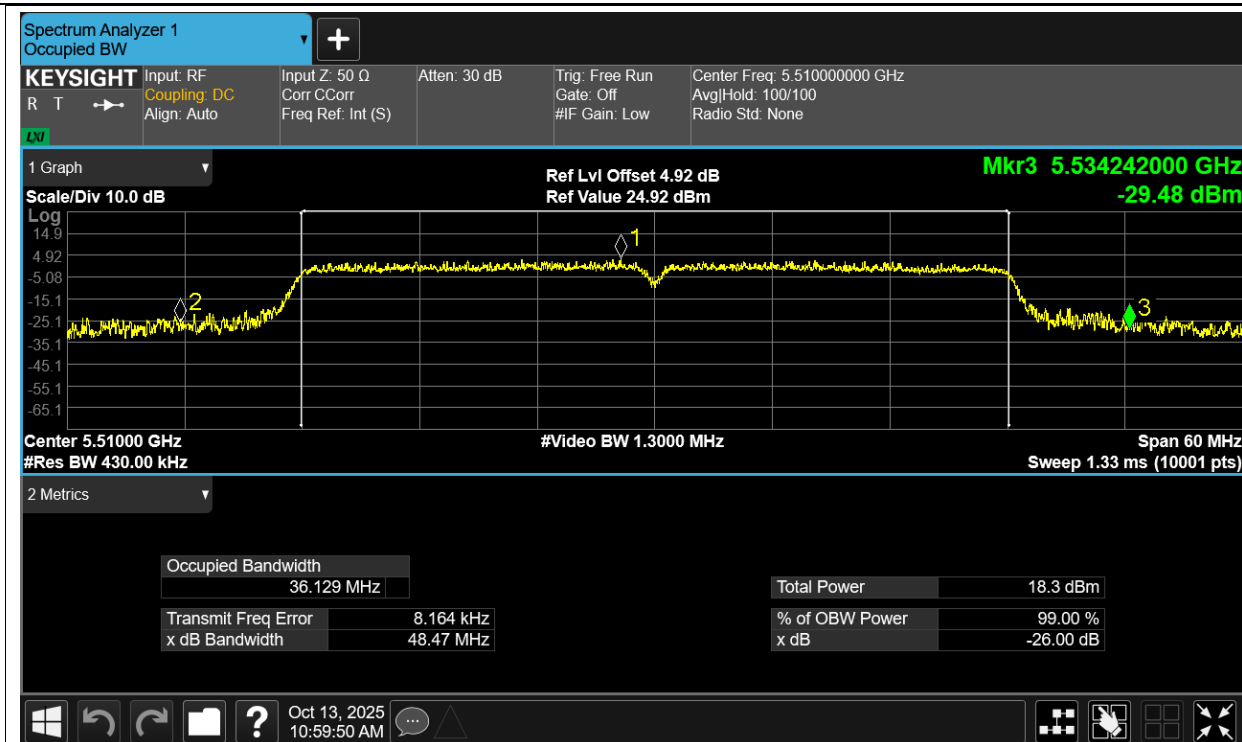
-26dB Bandwidth NVNT n20 5600MHz Ant1



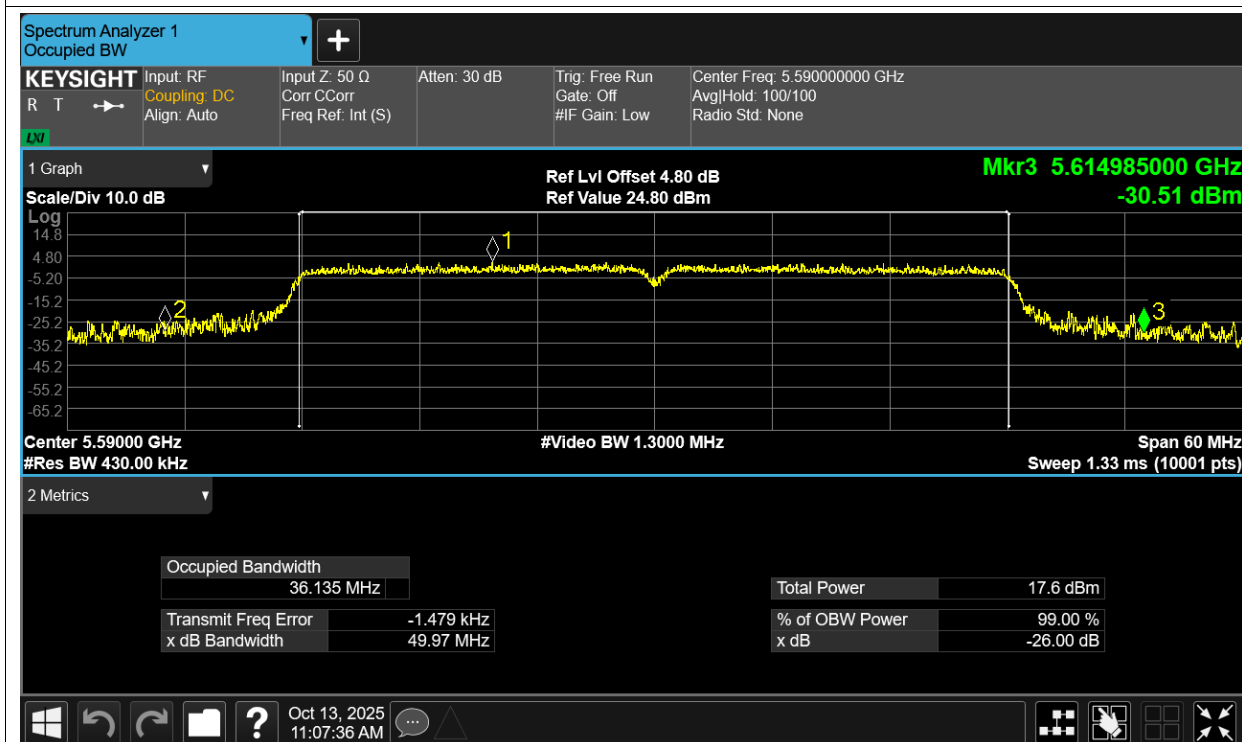
-26dB Bandwidth NVNT n20 5700MHz Ant1



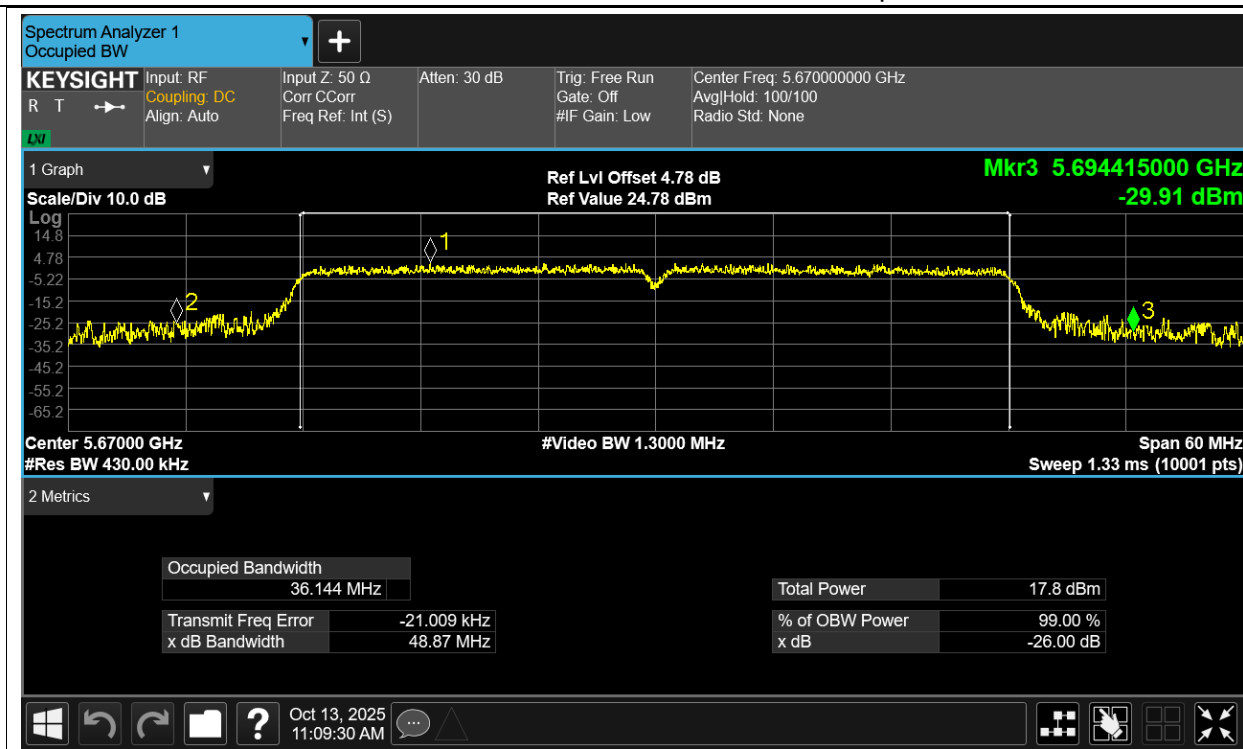
-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5590MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant1





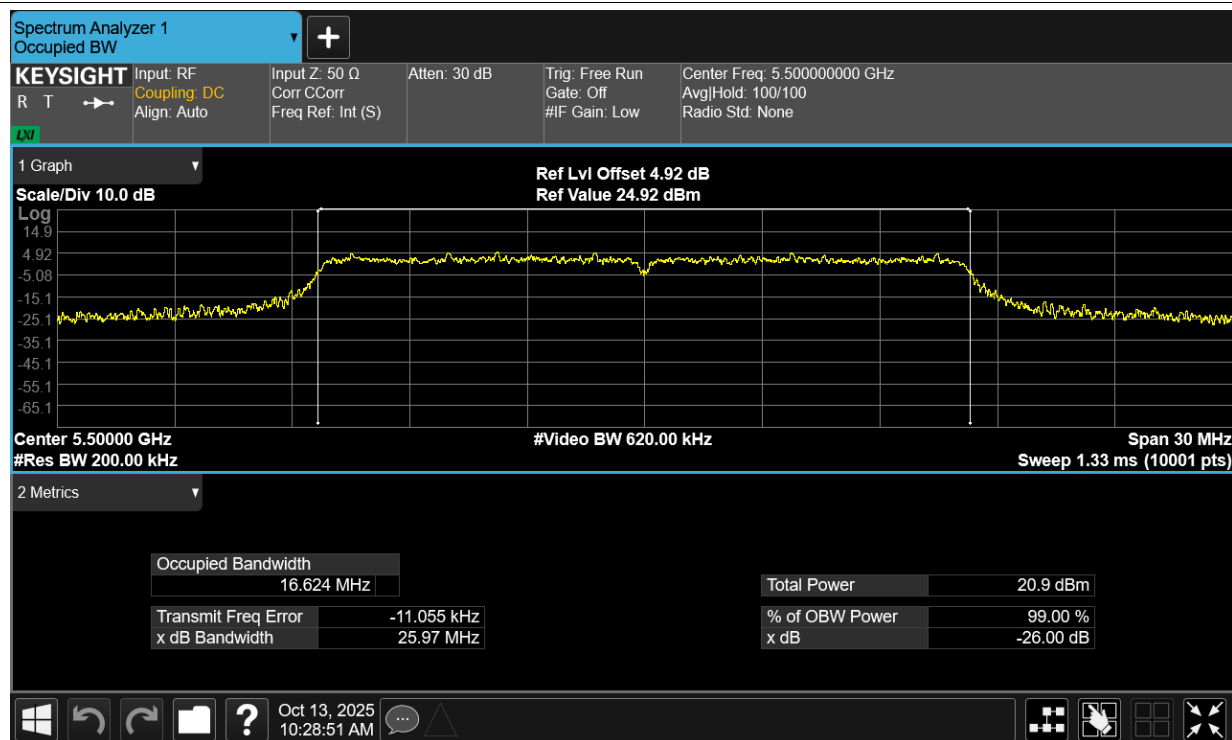
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.624
NVNT	a	5600	Ant1	16.578
NVNT	a	5700	Ant1	16.604
NVNT	ac20	5500	Ant1	17.594
NVNT	ac20	5600	Ant1	17.617
NVNT	ac20	5700	Ant1	17.588
NVNT	ac40	5510	Ant1	36.106
NVNT	ac40	5590	Ant1	36.079
NVNT	ac40	5670	Ant1	36.137
NVNT	ac80	5530	Ant1	75.511
NVNT	ac80	5610	Ant1	75.422
NVNT	n20	5500	Ant1	17.607
NVNT	n20	5600	Ant1	17.608
NVNT	n20	5700	Ant1	17.649
NVNT	n40	5510	Ant1	36.127
NVNT	n40	5590	Ant1	36.143
NVNT	n40	5670	Ant1	36.141

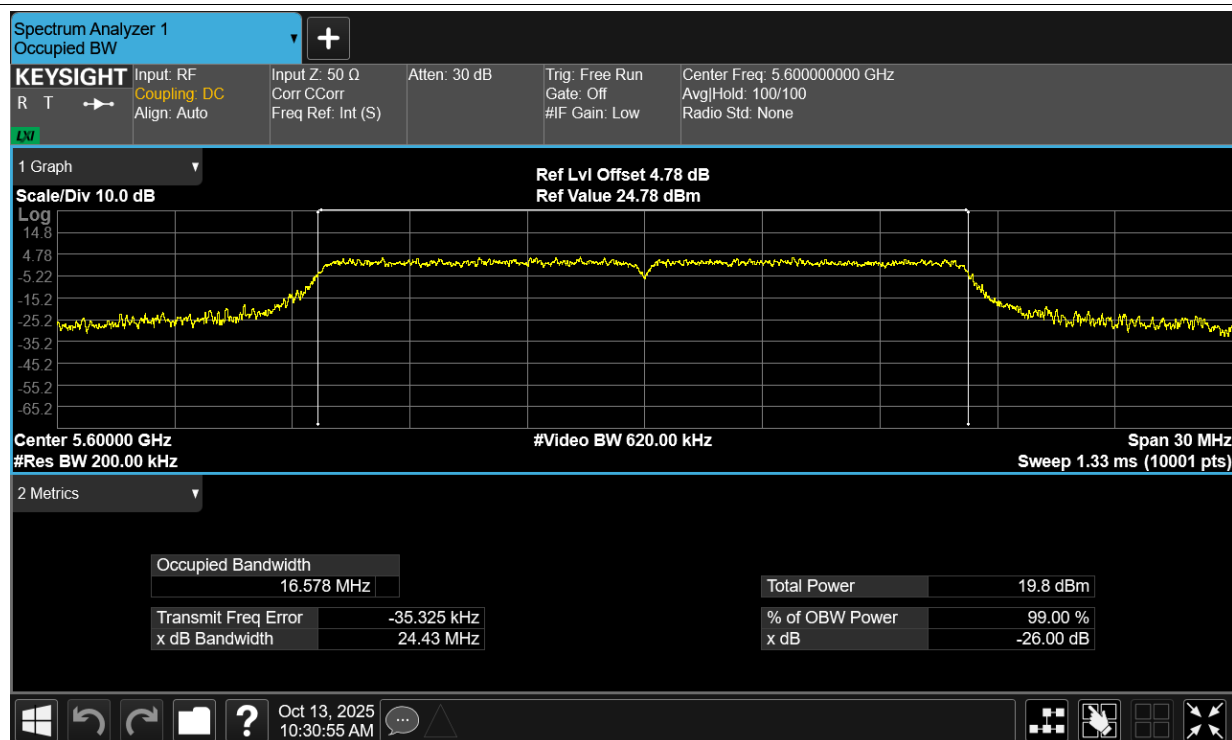


Test Graphs

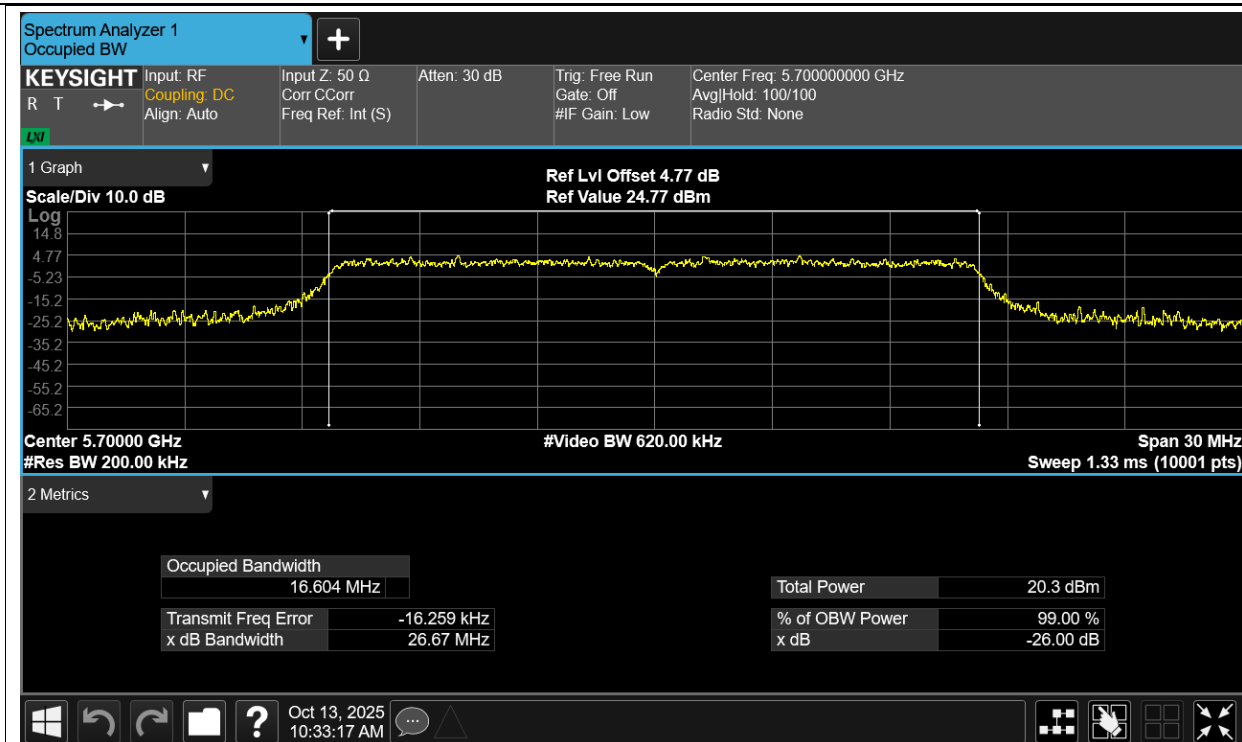
OBW NVNT a 5500MHz Ant1



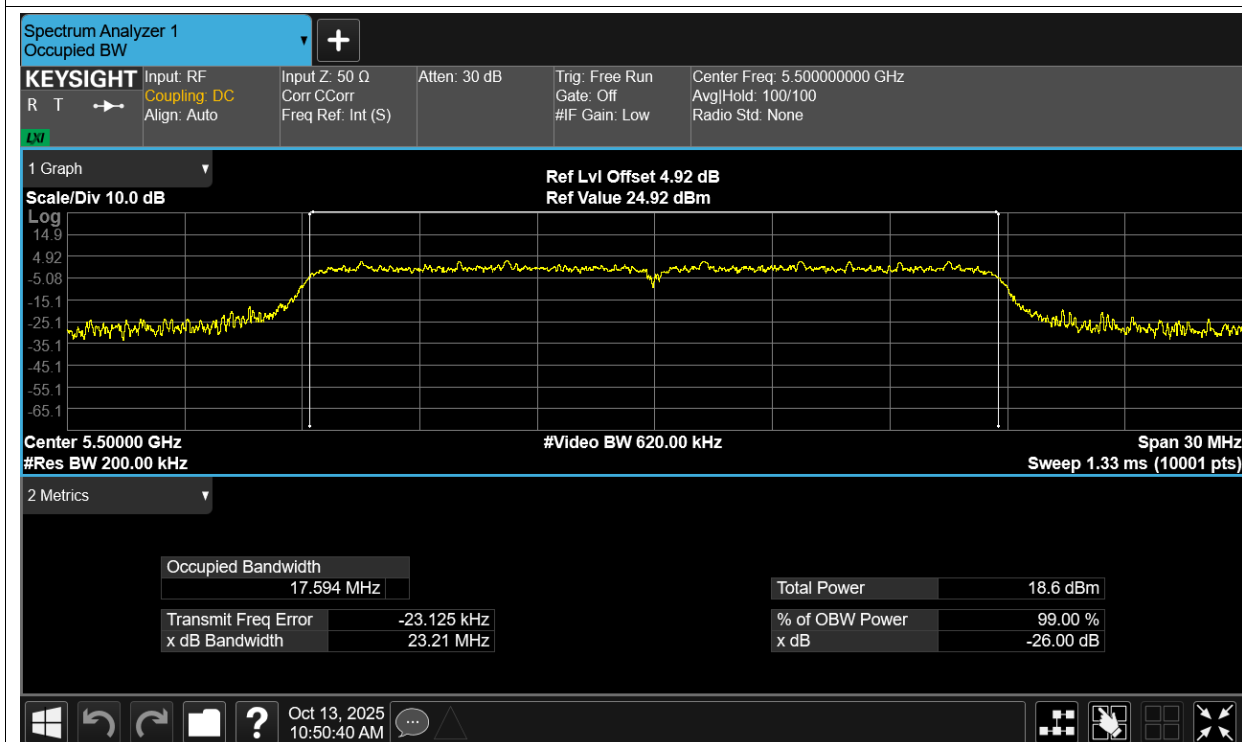
OBW NVNT a 5600MHz Ant1



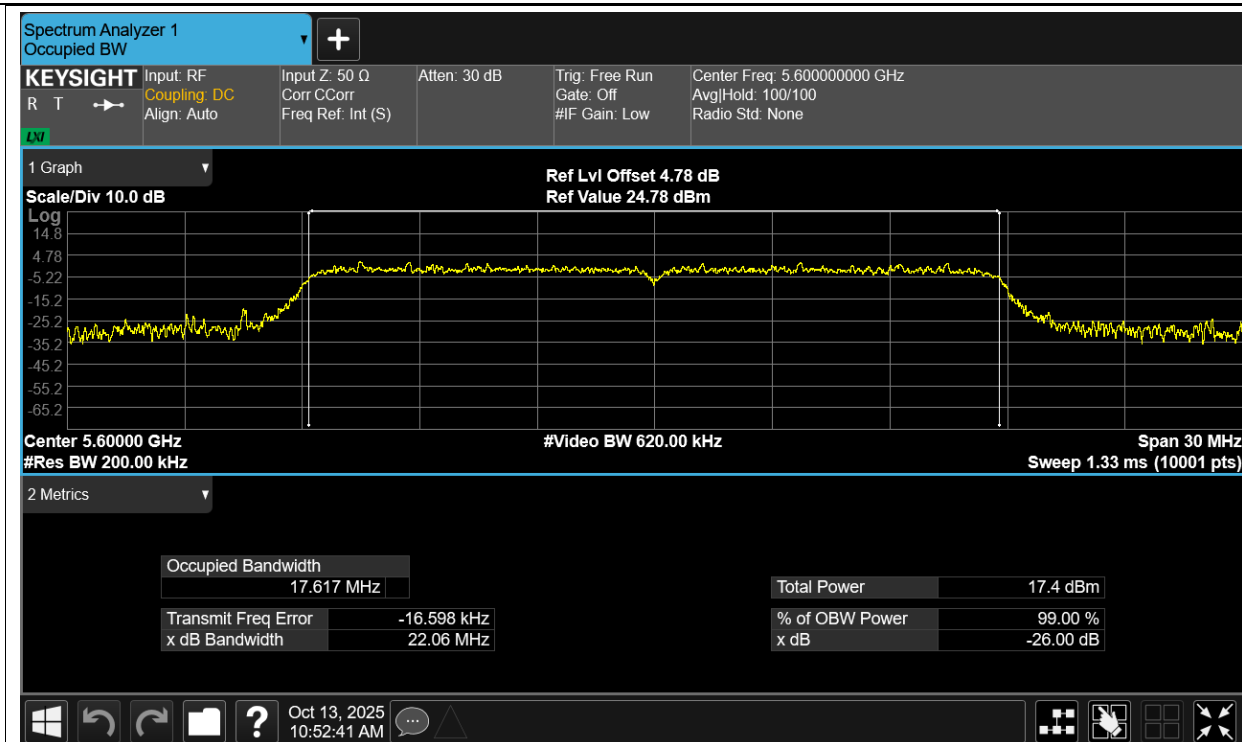
OBW NVNT a 5700MHz Ant1



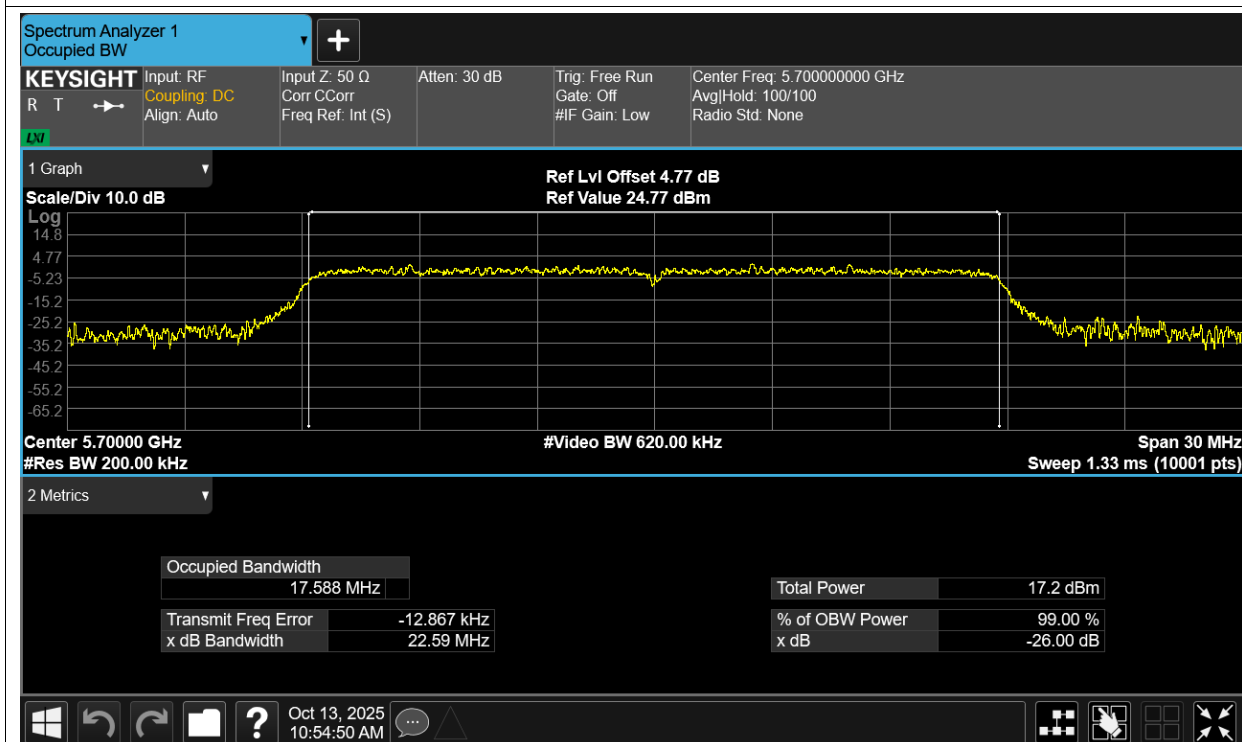
OBW NVNT ac20 5500MHz Ant1



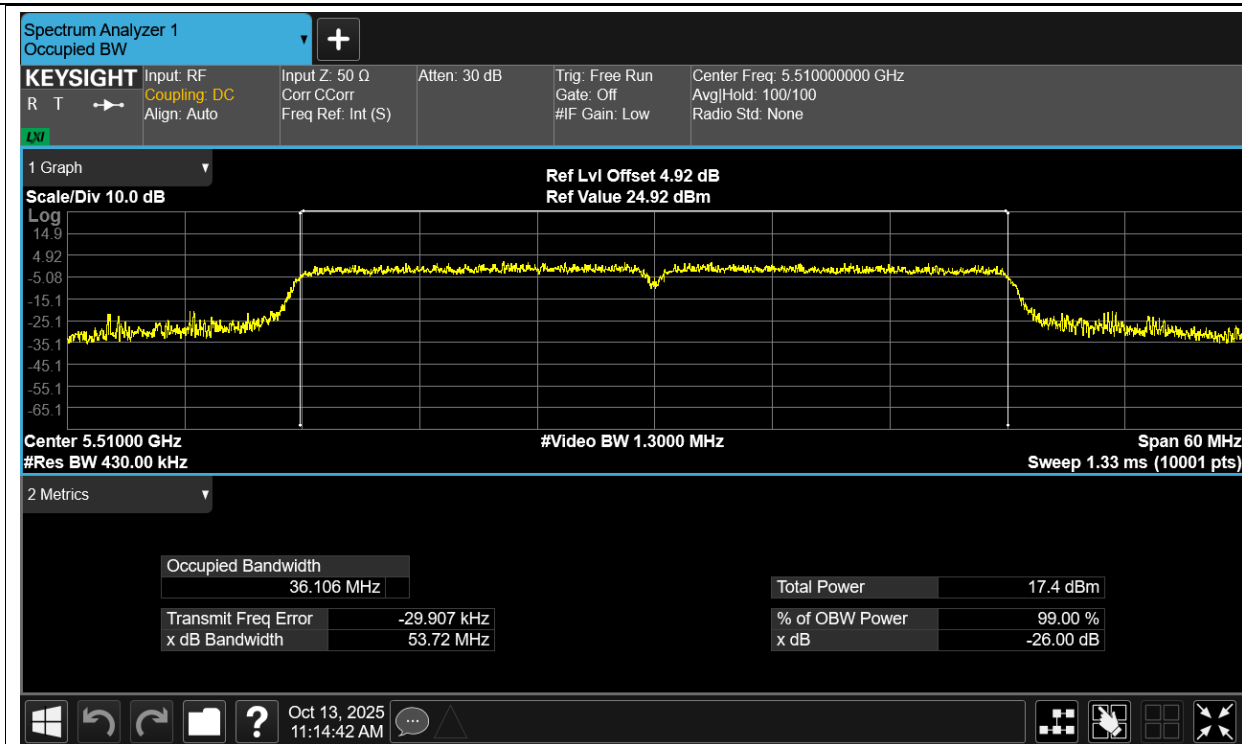
OBW NVNT ac20 5600MHz Ant1



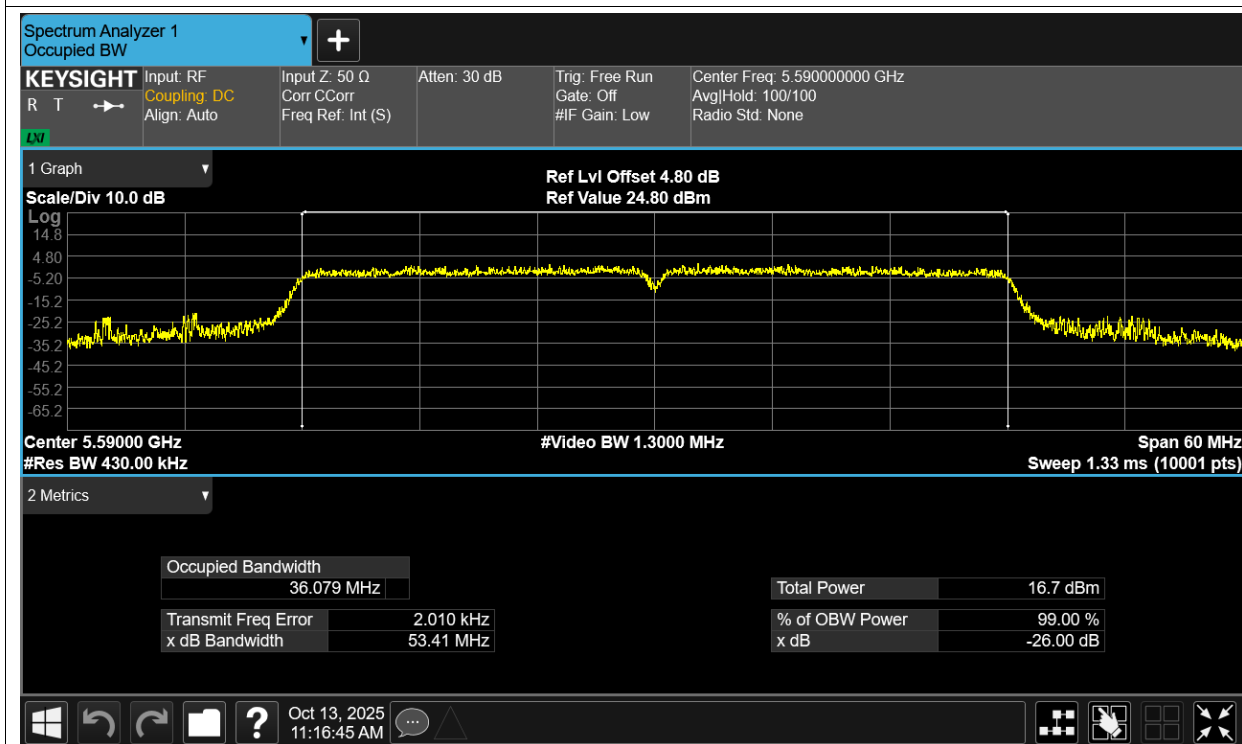
OBW NVNT ac20 5700MHz Ant1



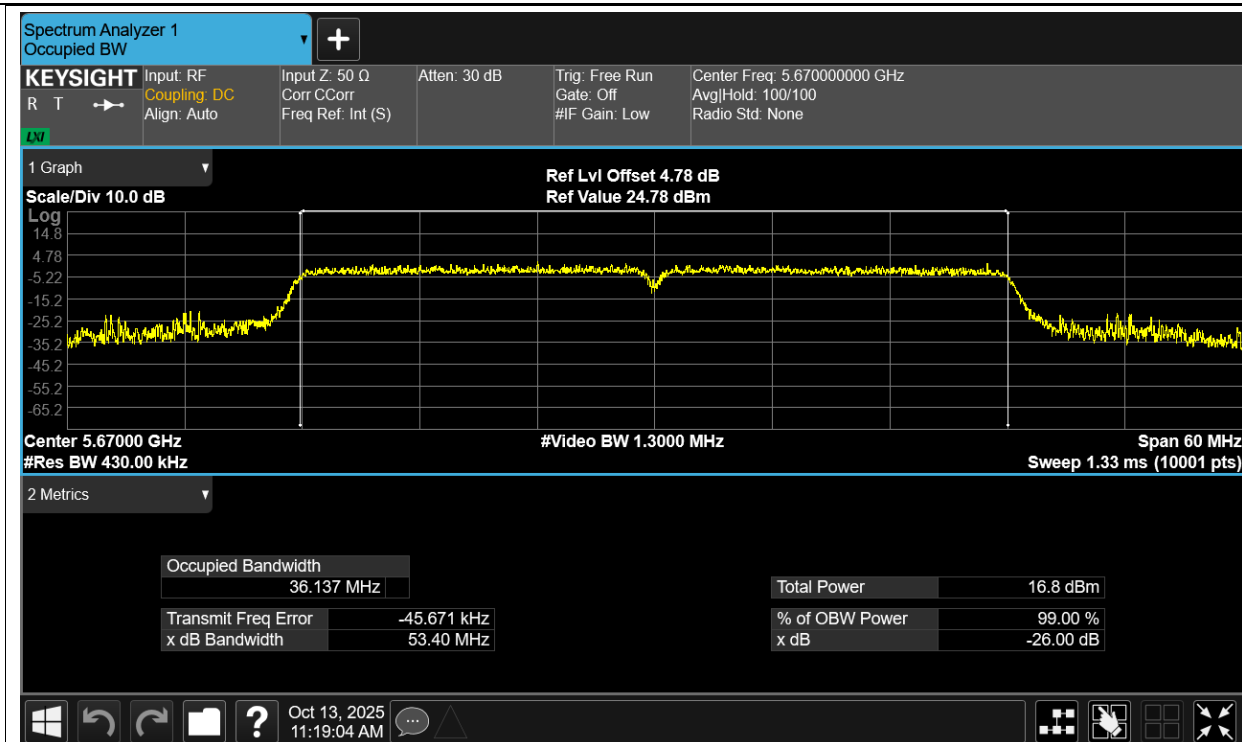
OBW NVNT ac40 5510MHz Ant1



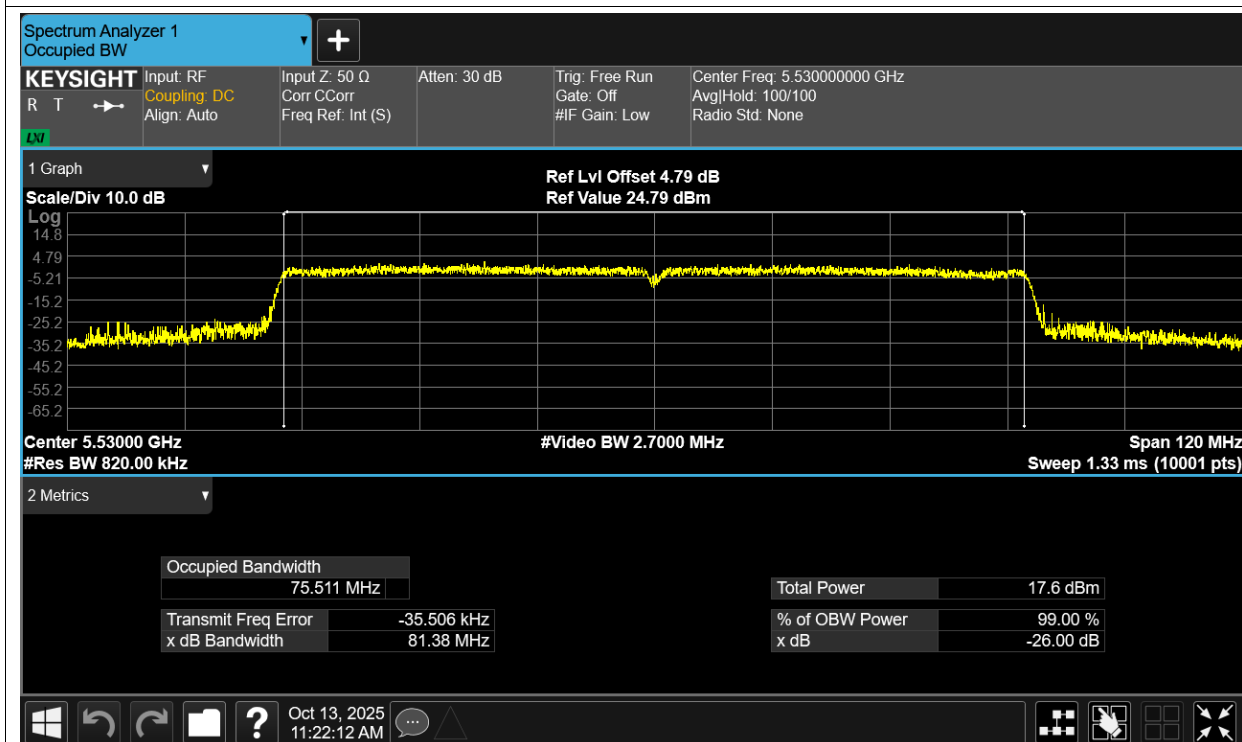
OBW NVNT ac40 5590MHz Ant1



OBW NVNT ac40 5670MHz Ant1



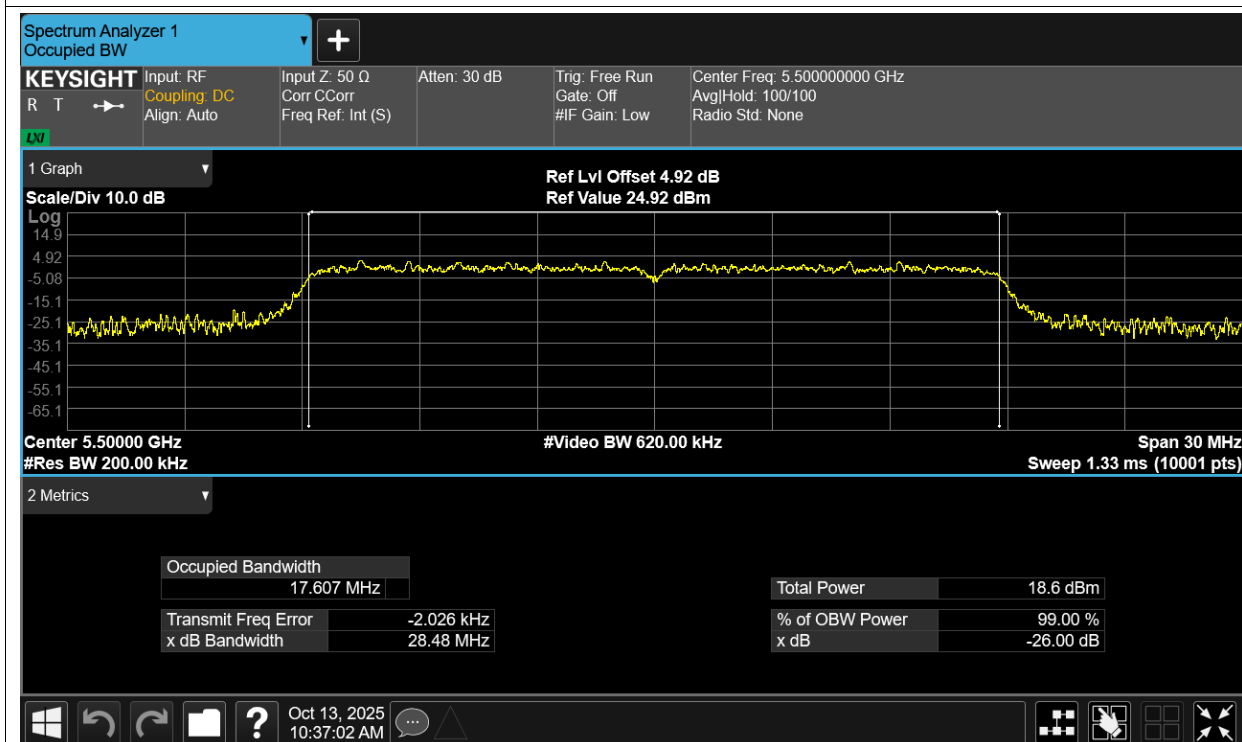
OBW NVNT ac80 5530MHz Ant1



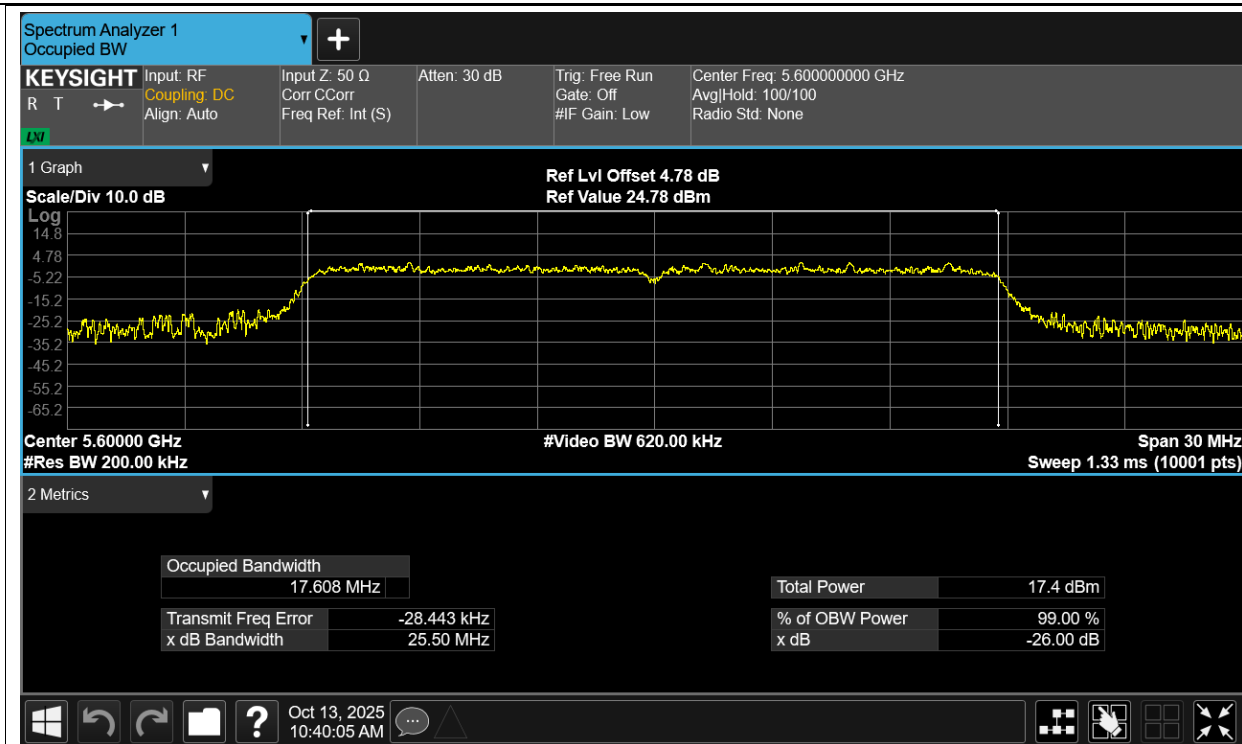
OBW NVNT ac80 5610MHz Ant1



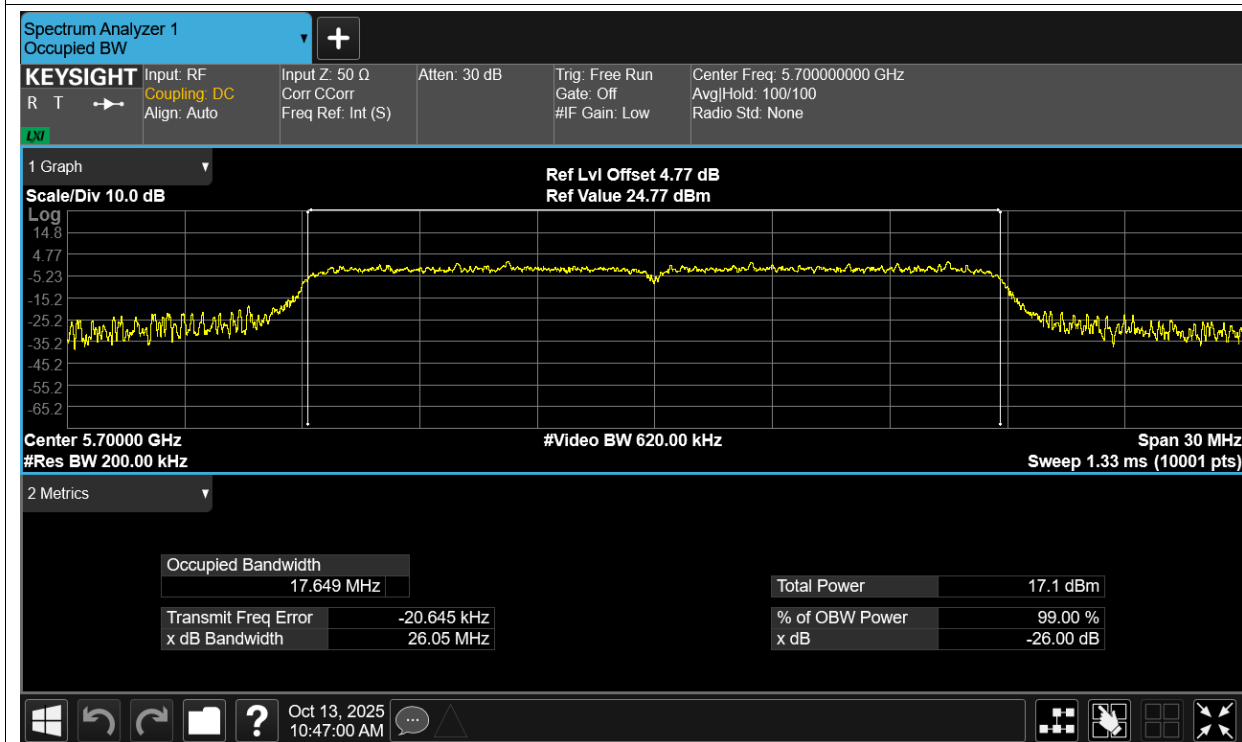
OBW NVNT n20 5500MHz Ant1



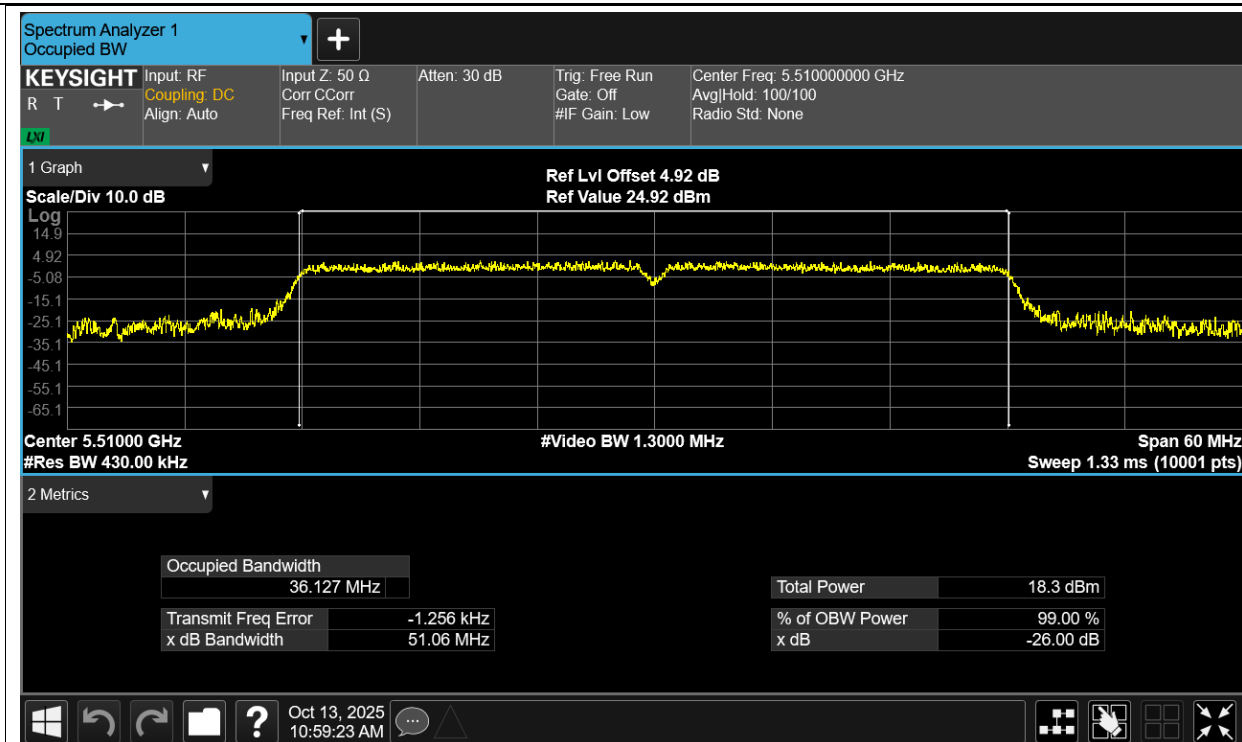
OBW NVNT n20 5600MHz Ant1



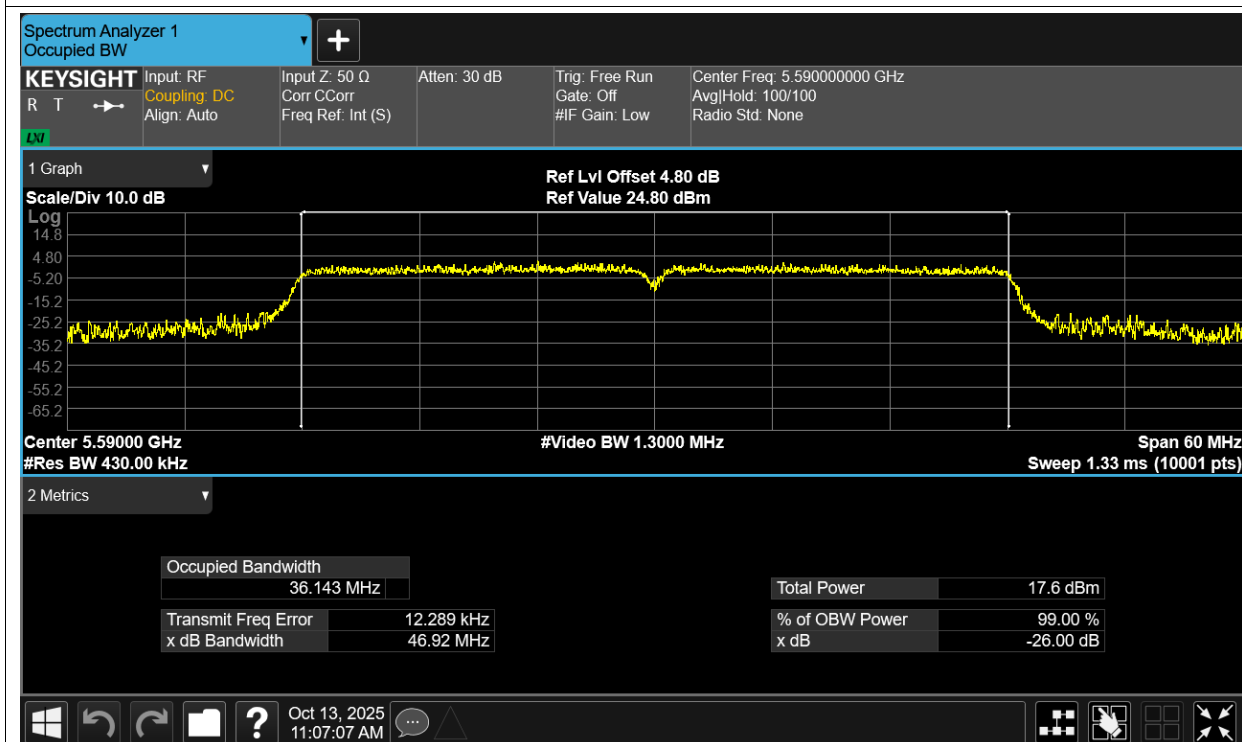
OBW NVNT n20 5700MHz Ant1



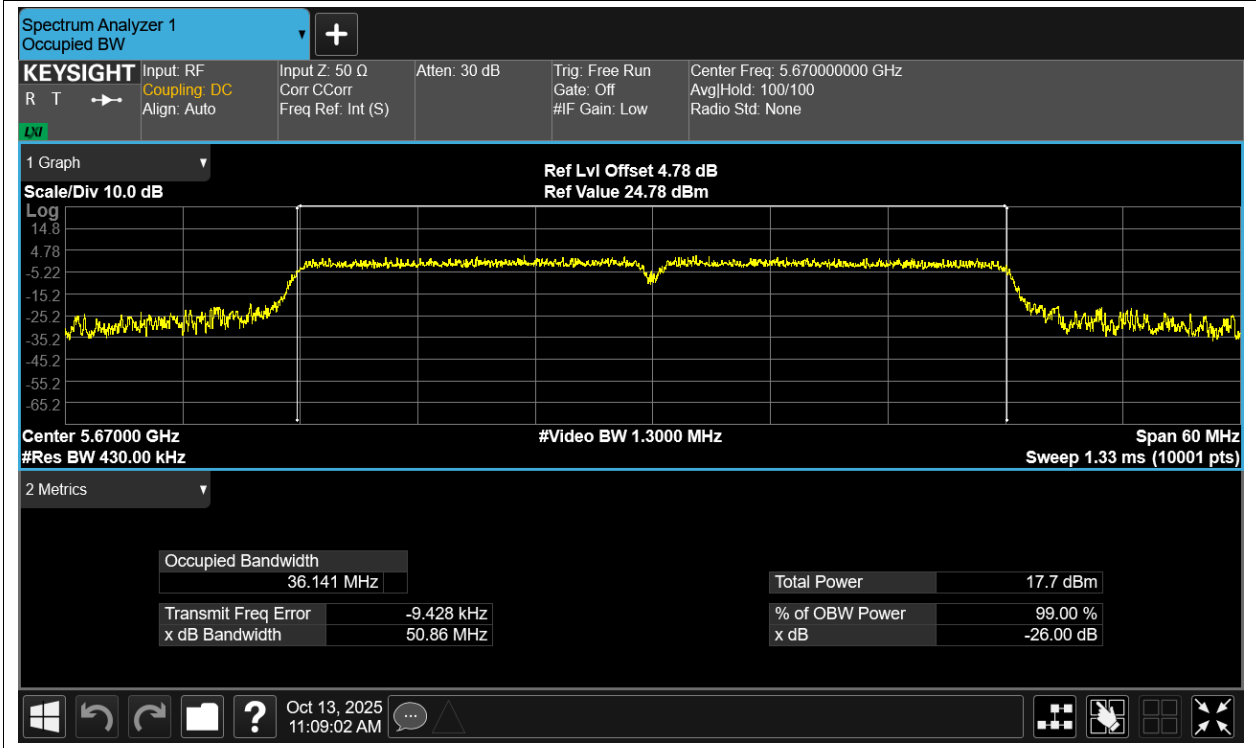
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



OBW NVNT n40 5670MHz Ant1





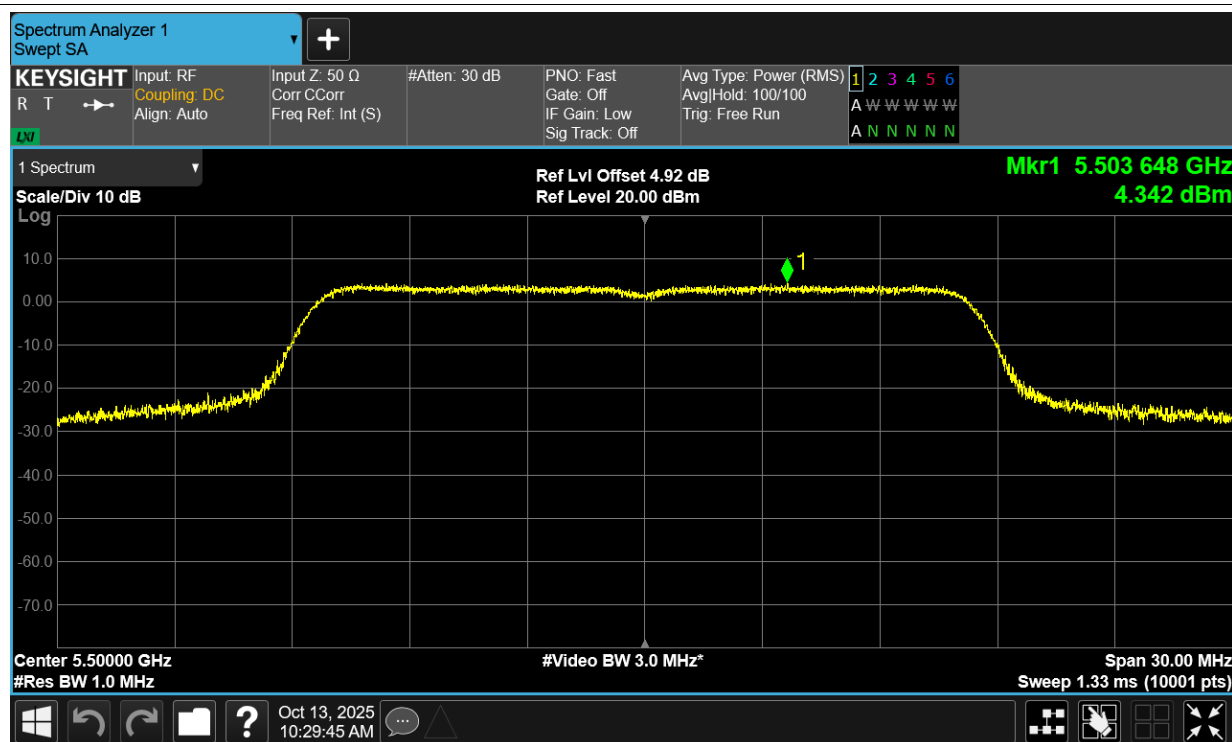
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	4.342	11	Pass
NVNT	a	5600	Ant1	3.522	11	Pass
NVNT	a	5700	Ant1	3.776	11	Pass
NVNT	ac20	5500	Ant1	1.864	11	Pass
NVNT	ac20	5600	Ant1	0.617	11	Pass
NVNT	ac20	5700	Ant1	0.455	11	Pass
NVNT	ac40	5510	Ant1	-2.674	11	Pass
NVNT	ac40	5590	Ant1	-3.162	11	Pass
NVNT	ac40	5670	Ant1	-3.289	11	Pass
NVNT	ac80	5530	Ant1	-7.017	11	Pass
NVNT	ac80	5610	Ant1	-7.575	11	Pass
NVNT	n20	5500	Ant1	2.059	11	Pass
NVNT	n20	5600	Ant1	0.46	11	Pass
NVNT	n20	5700	Ant1	0.508	11	Pass
NVNT	n40	5510	Ant1	-1.81	11	Pass
NVNT	n40	5590	Ant1	-2.525	11	Pass
NVNT	n40	5670	Ant1	-2.437	11	Pass

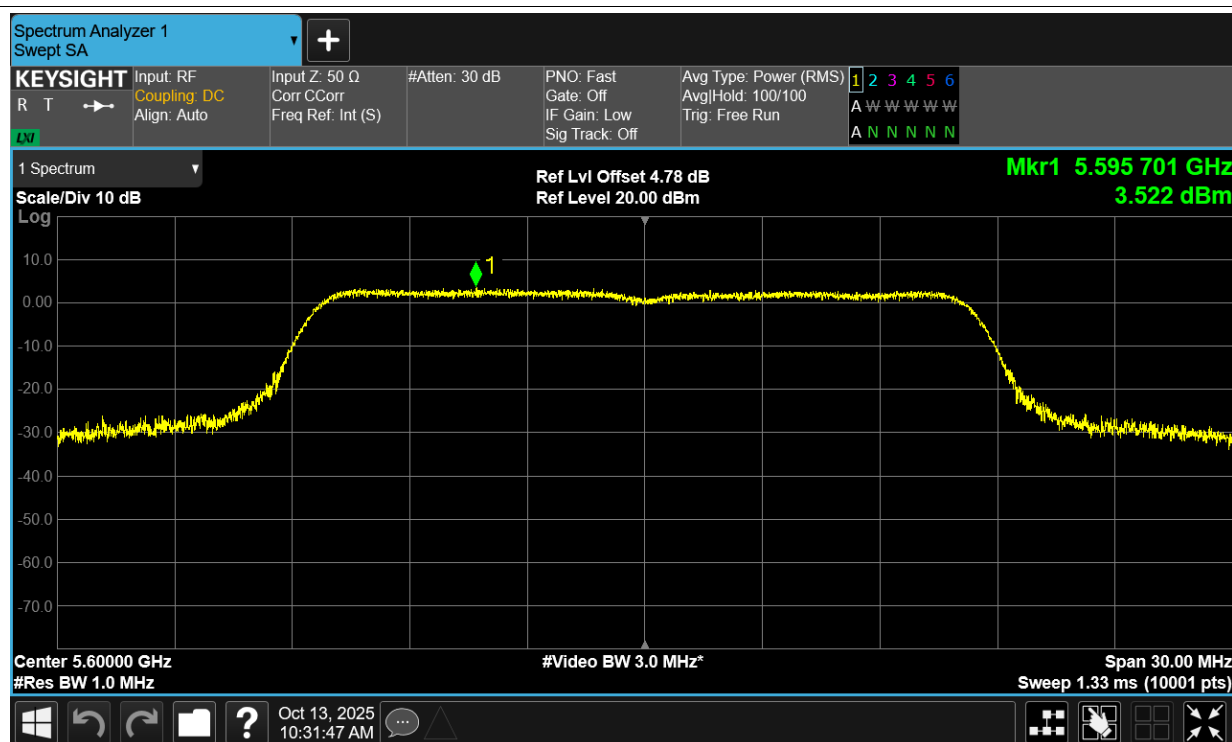


Test Graphs

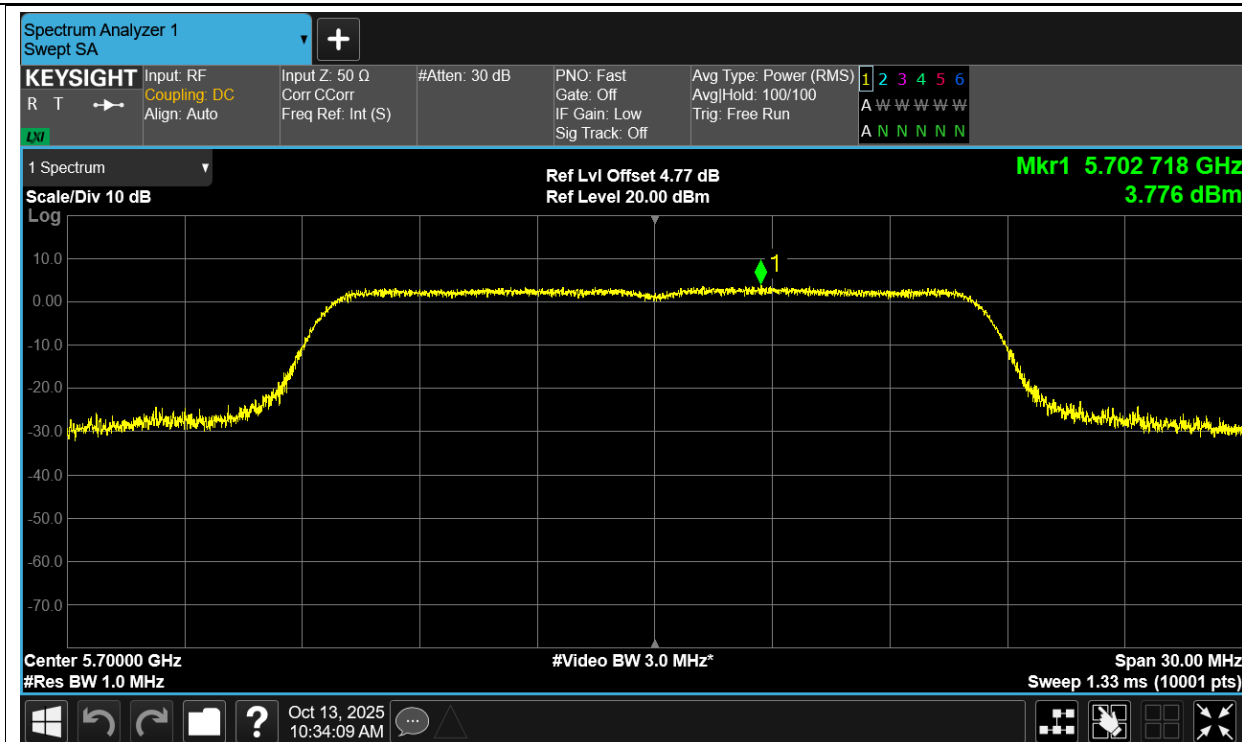
PSD NVNT a 5500MHz Ant1



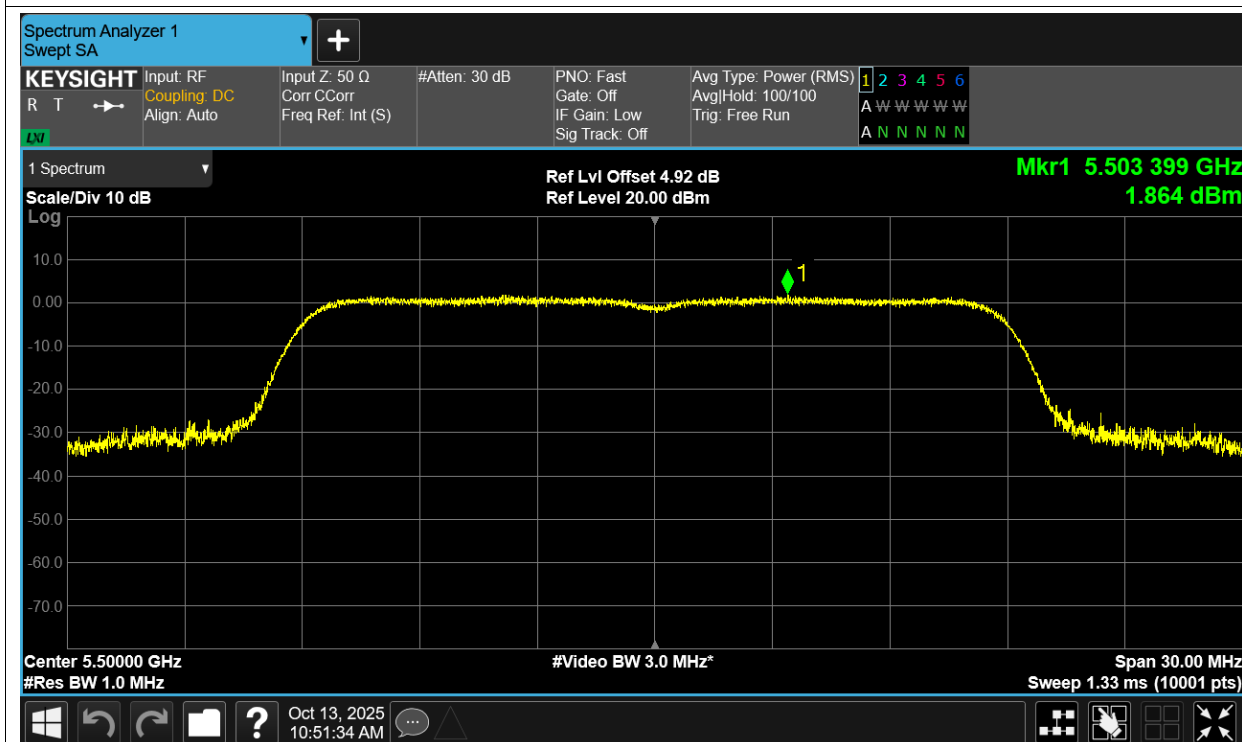
PSD NVNT a 5600MHz Ant1



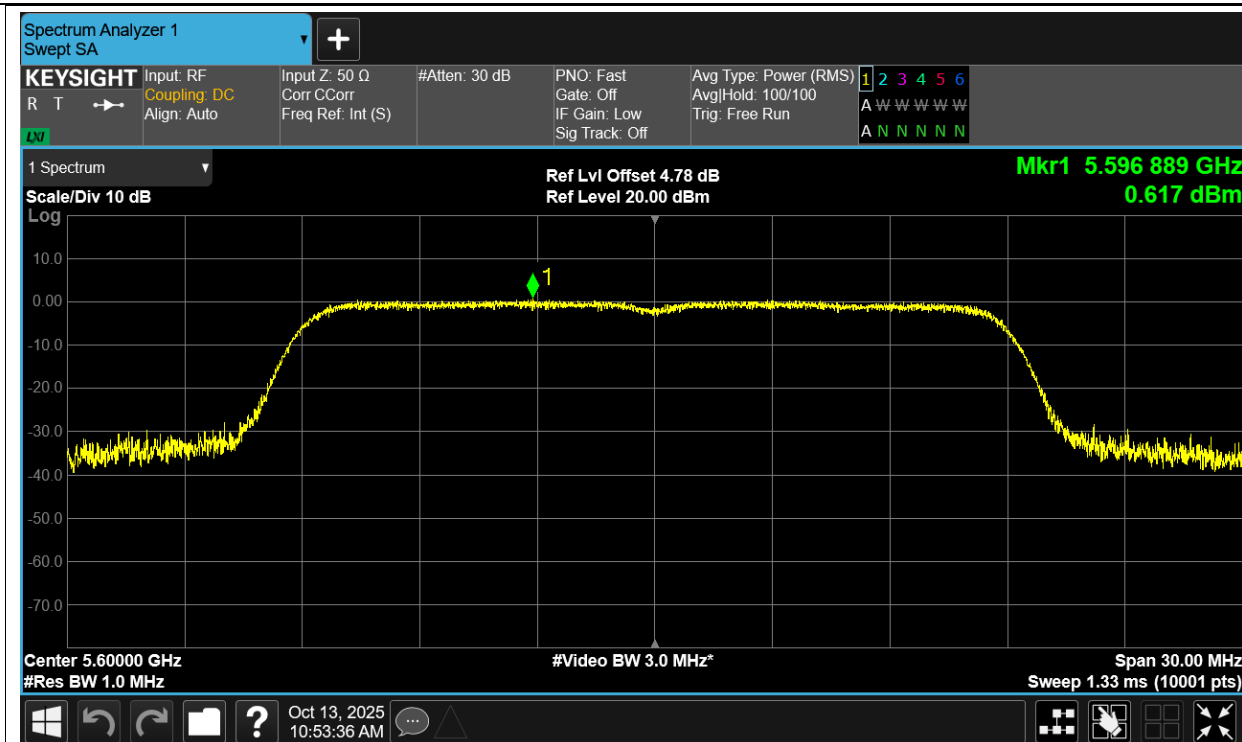
PSD NVNT a 5700MHz Ant1



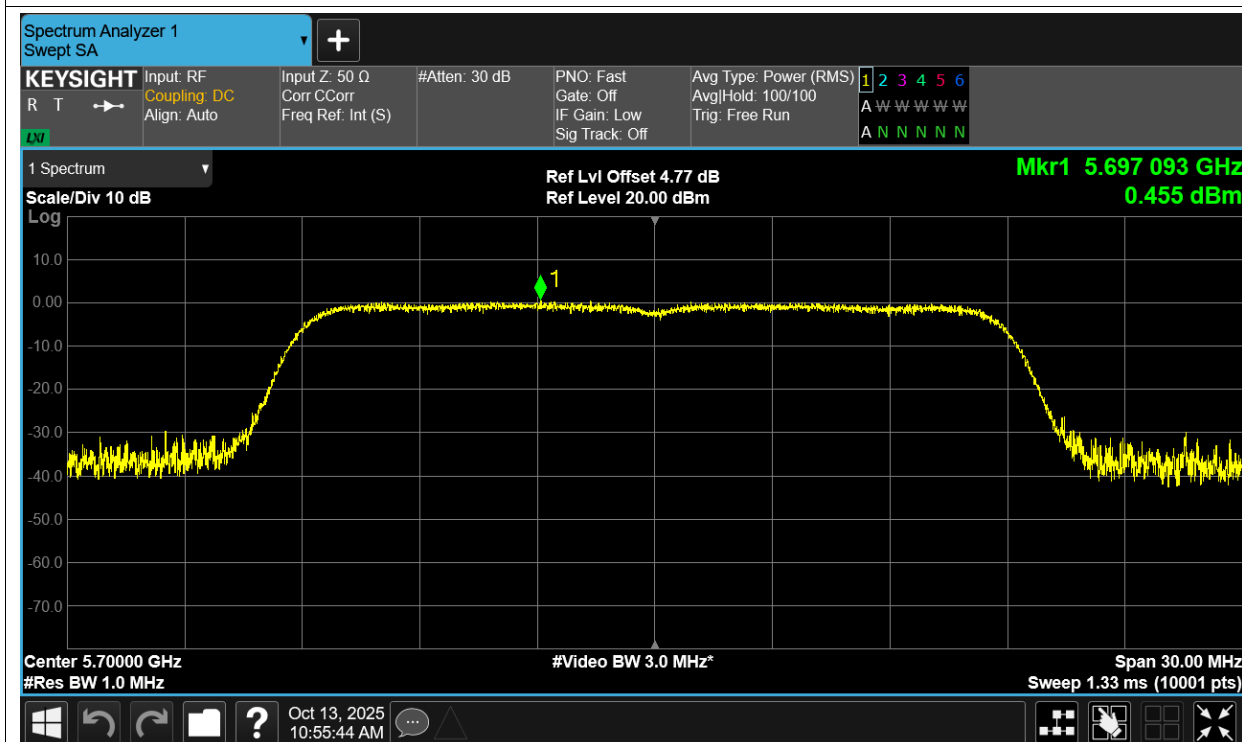
PSD NVNT ac20 5500MHz Ant1



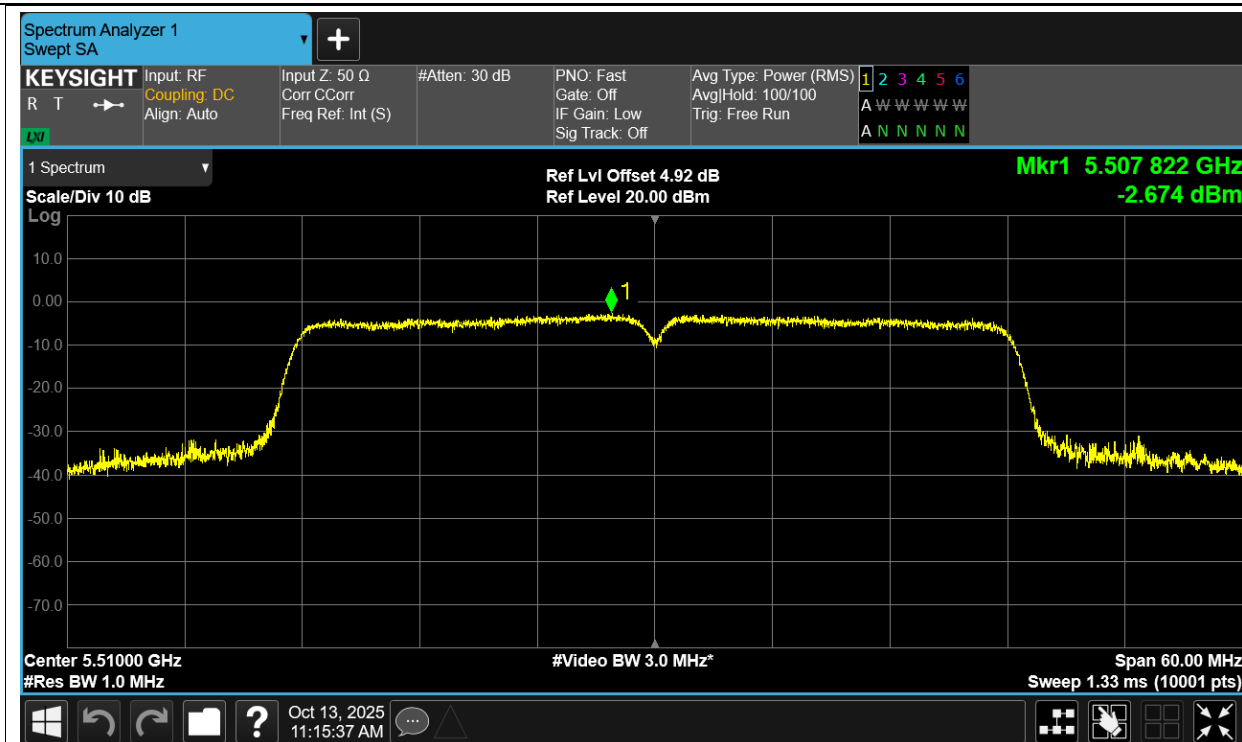
PSD NVNT ac20 5600MHz Ant1



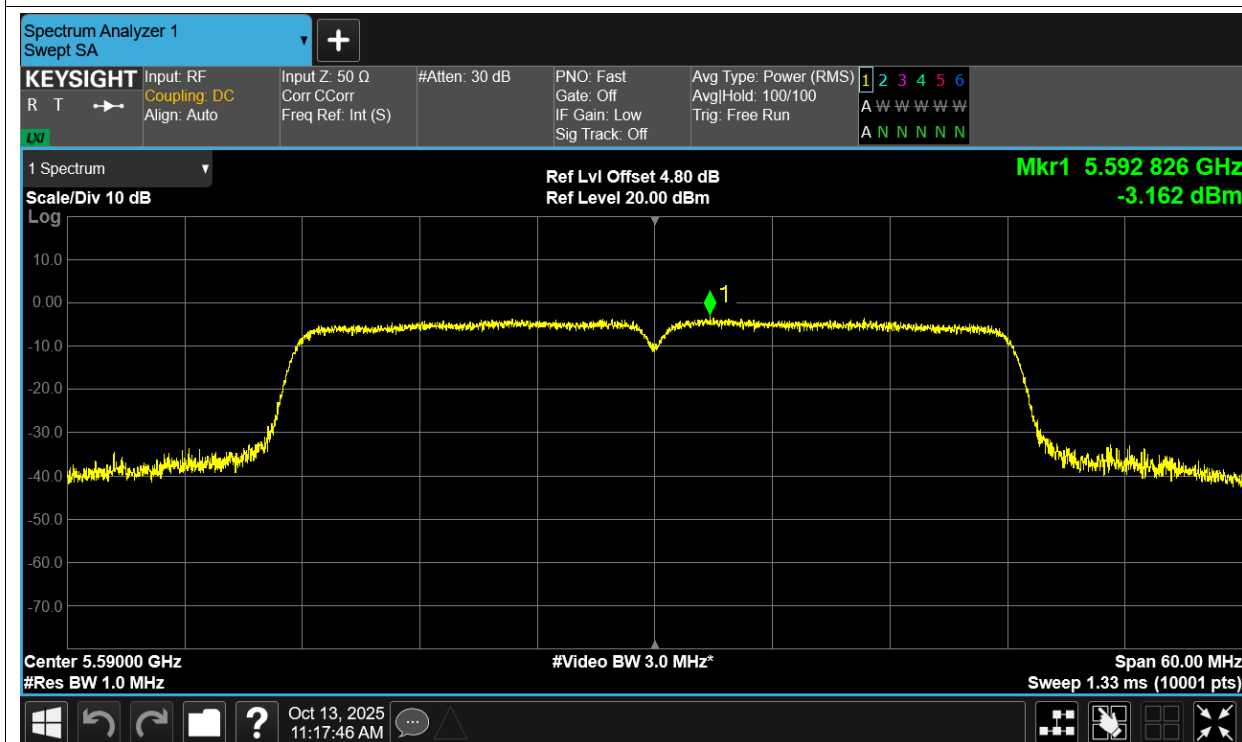
PSD NVNT ac20 5700MHz Ant1



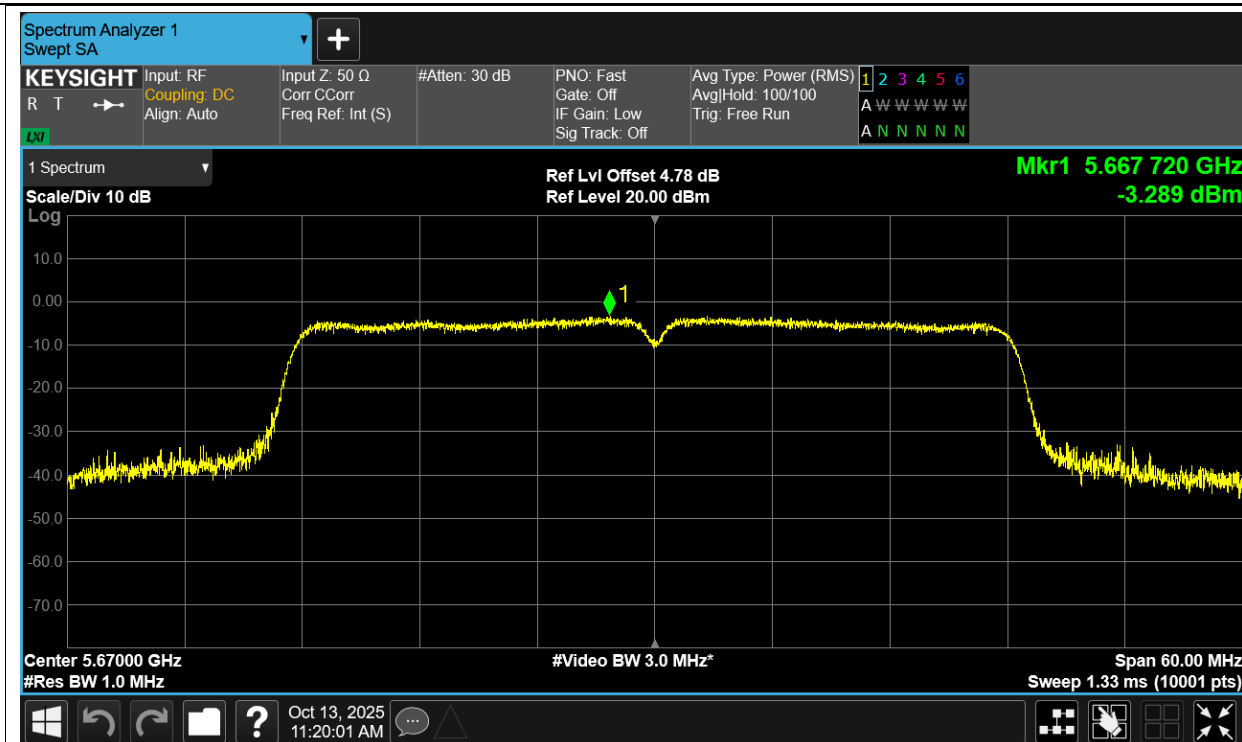
PSD NVNT ac40 5510MHz Ant1



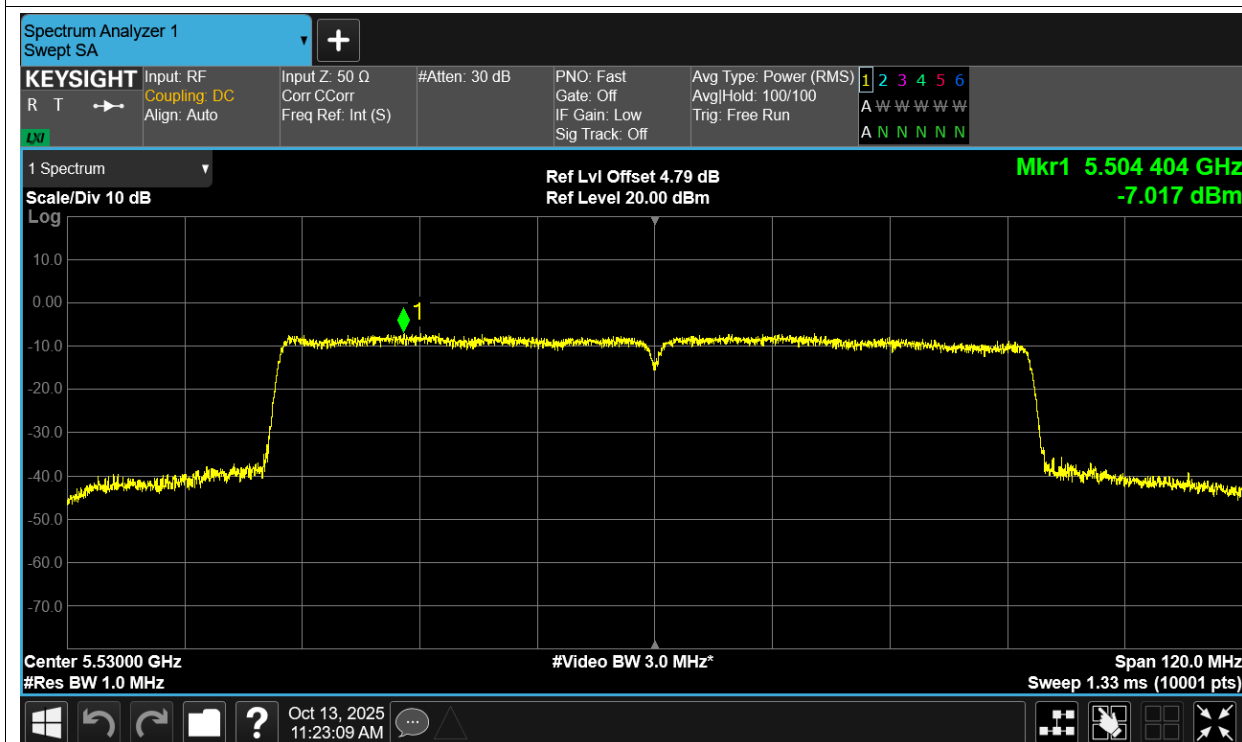
PSD NVNT ac40 5590MHz Ant1



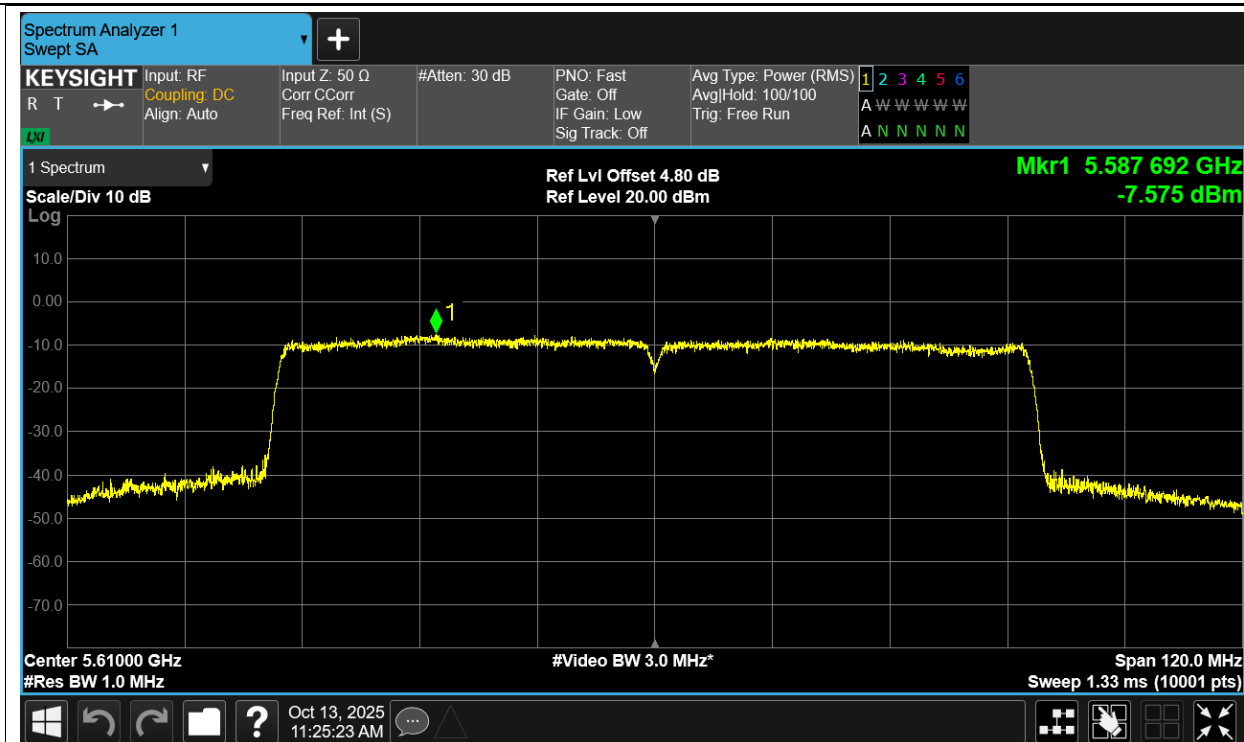
PSD NVNT ac40 5670MHz Ant1



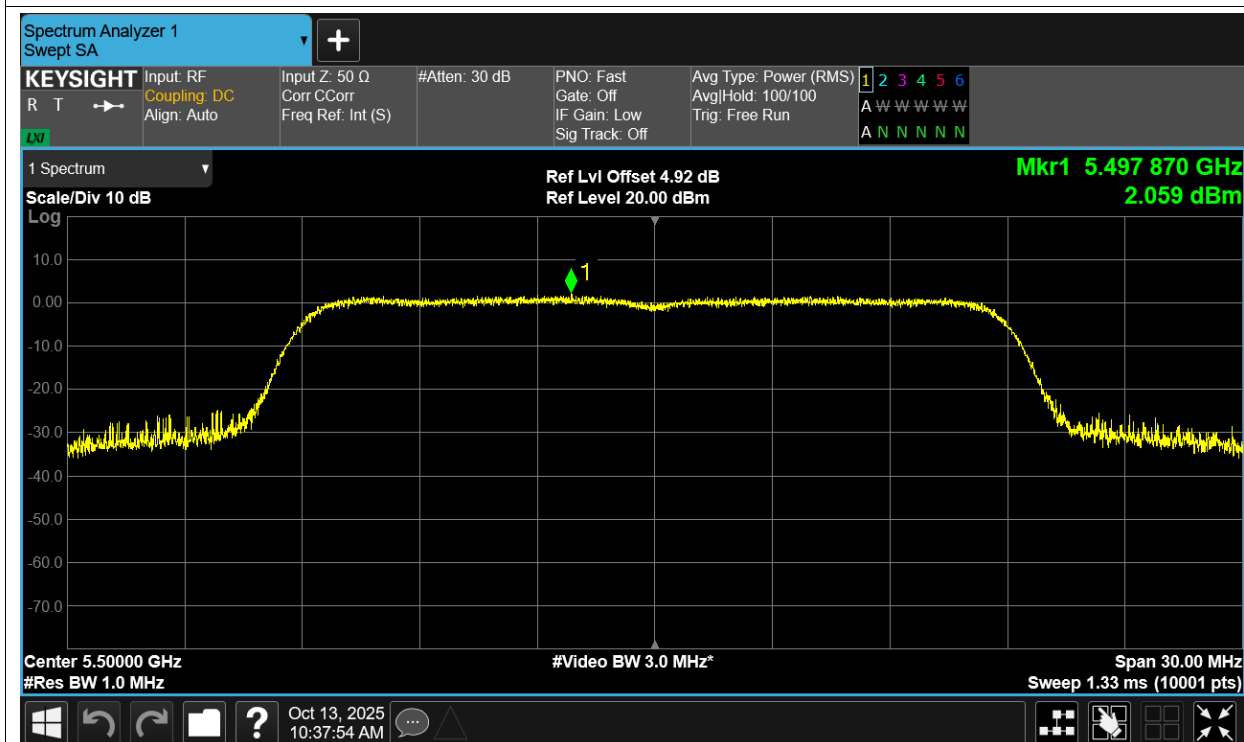
PSD NVNT ac80 5530MHz Ant1



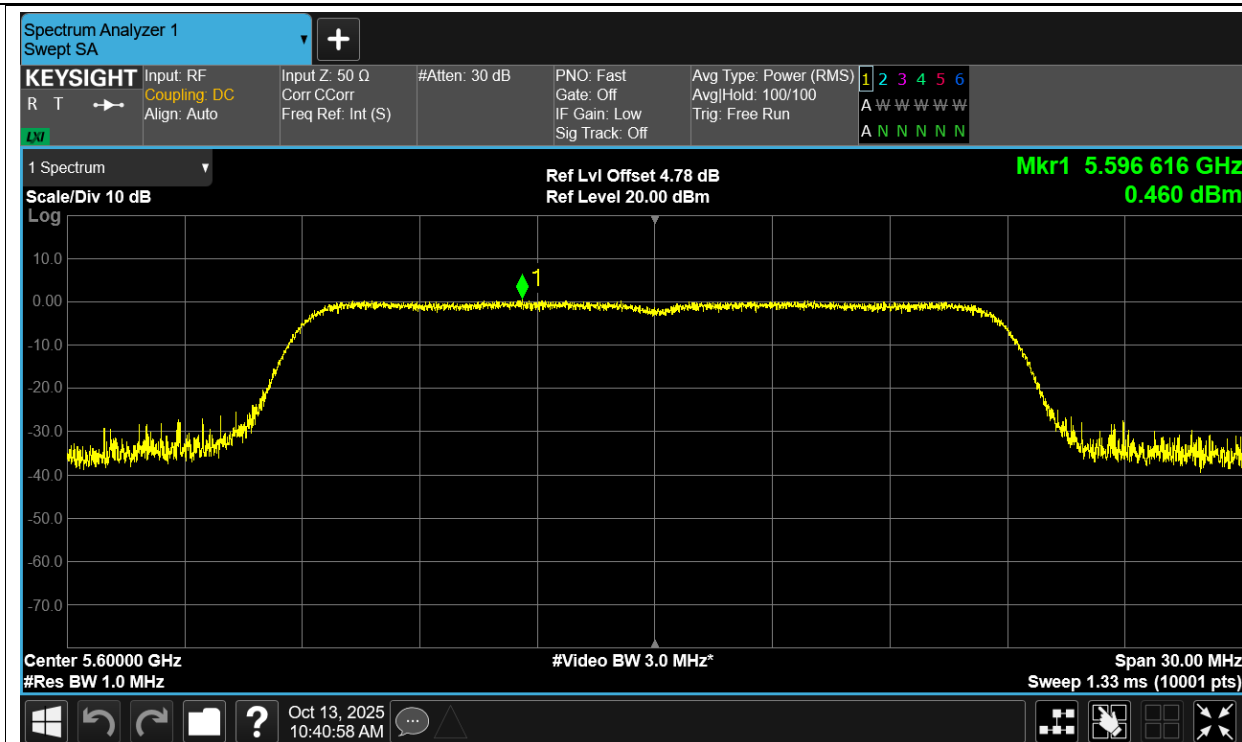
PSD NVNT ac80 5610MHz Ant1



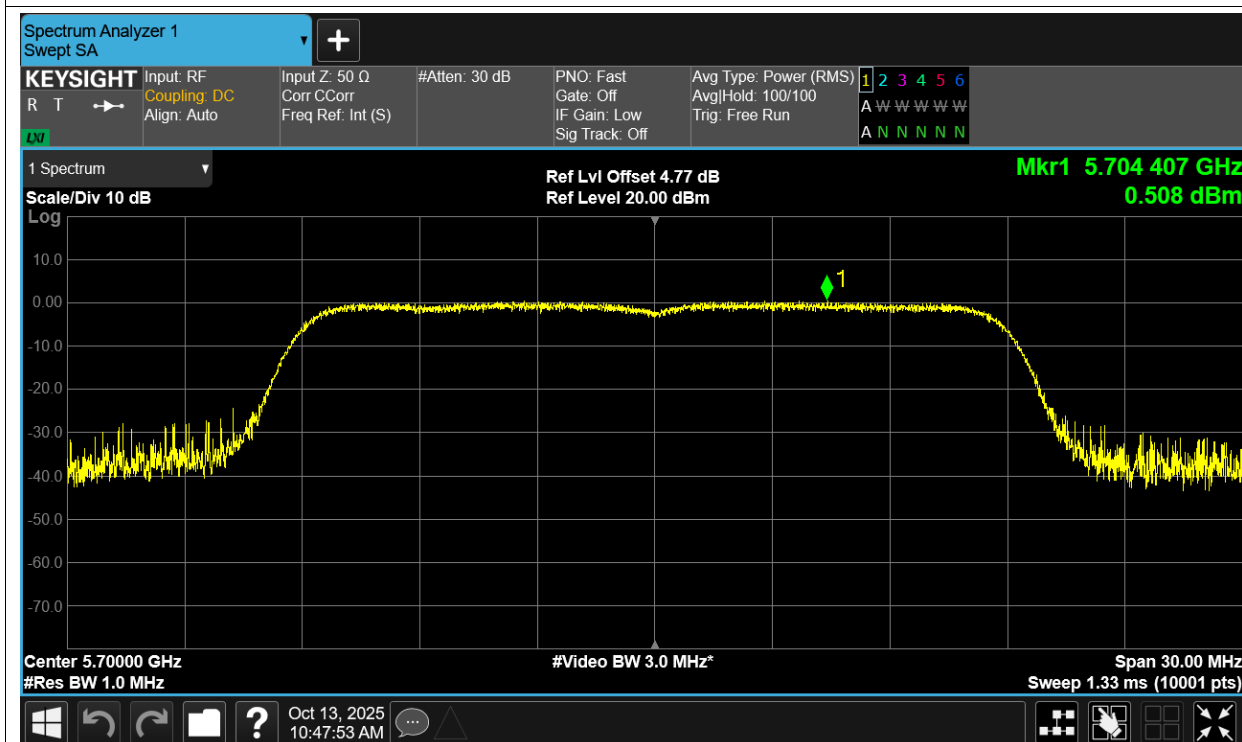
PSD NVNT n20 5500MHz Ant1



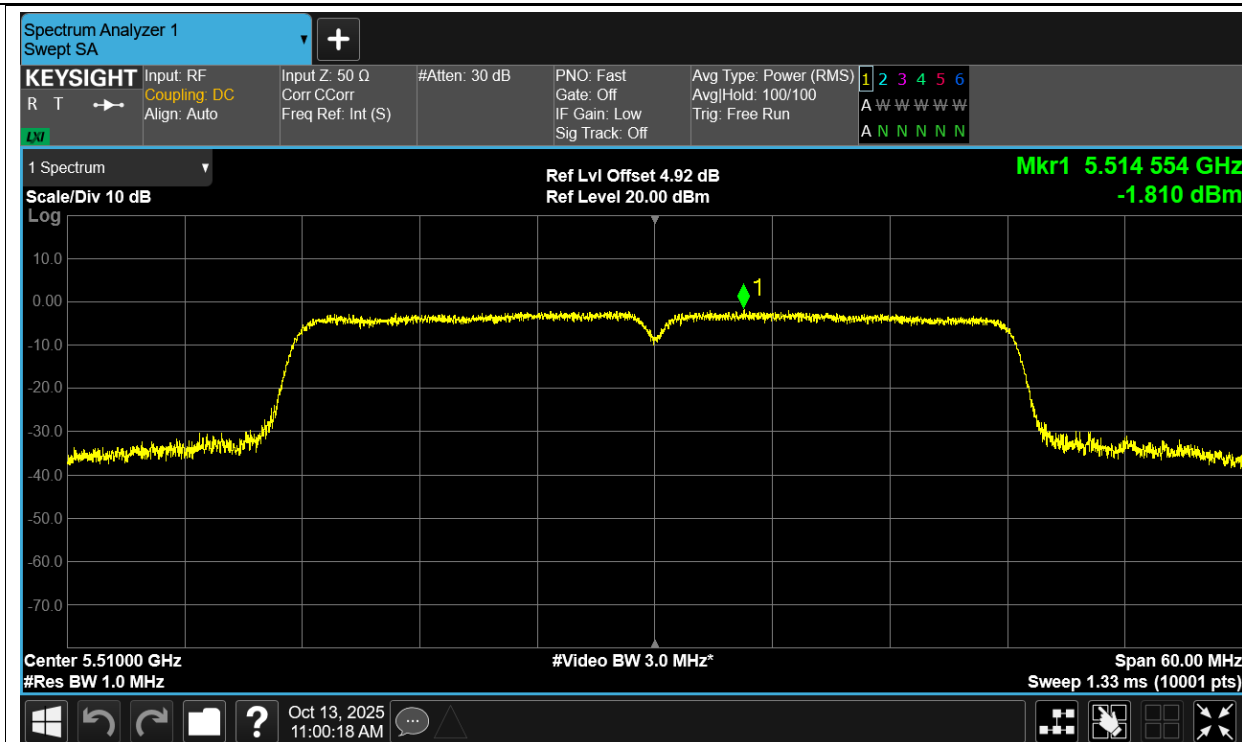
PSD NVNT n20 5600MHz Ant1



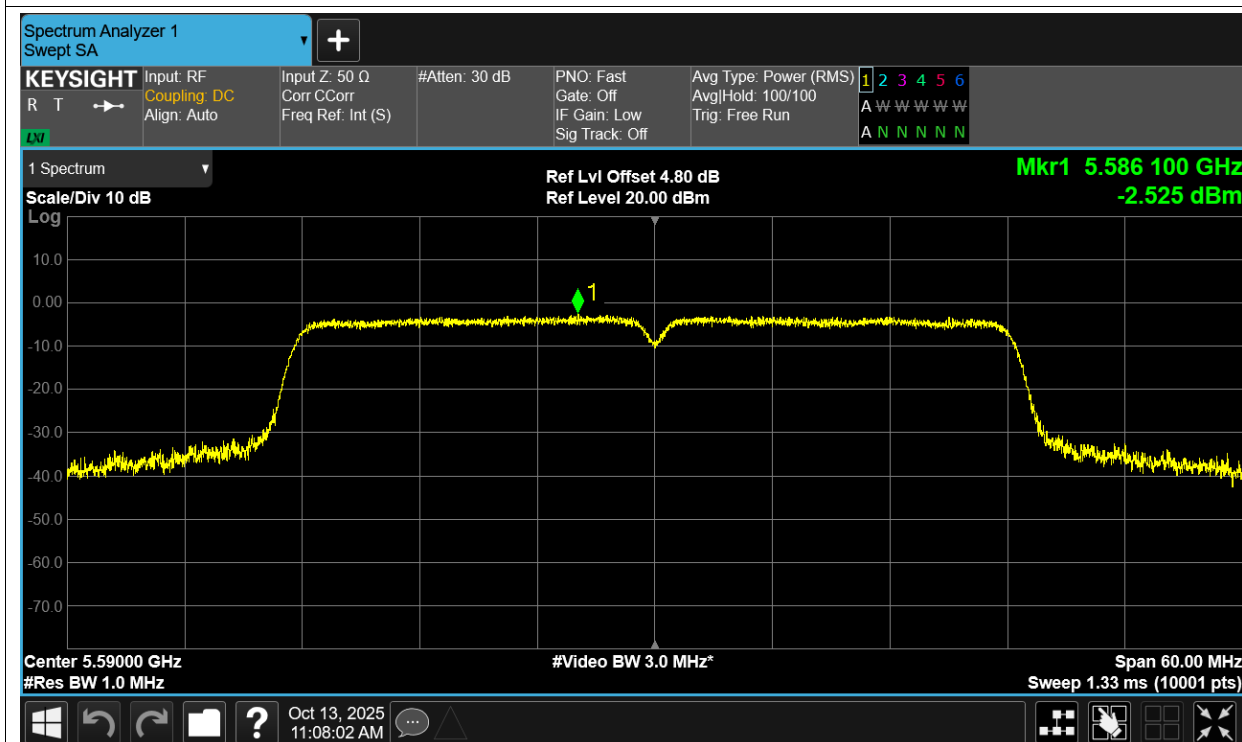
PSD NVNT n20 5700MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5590MHz Ant1



PSD NVNT n40 5670MHz Ant1

