



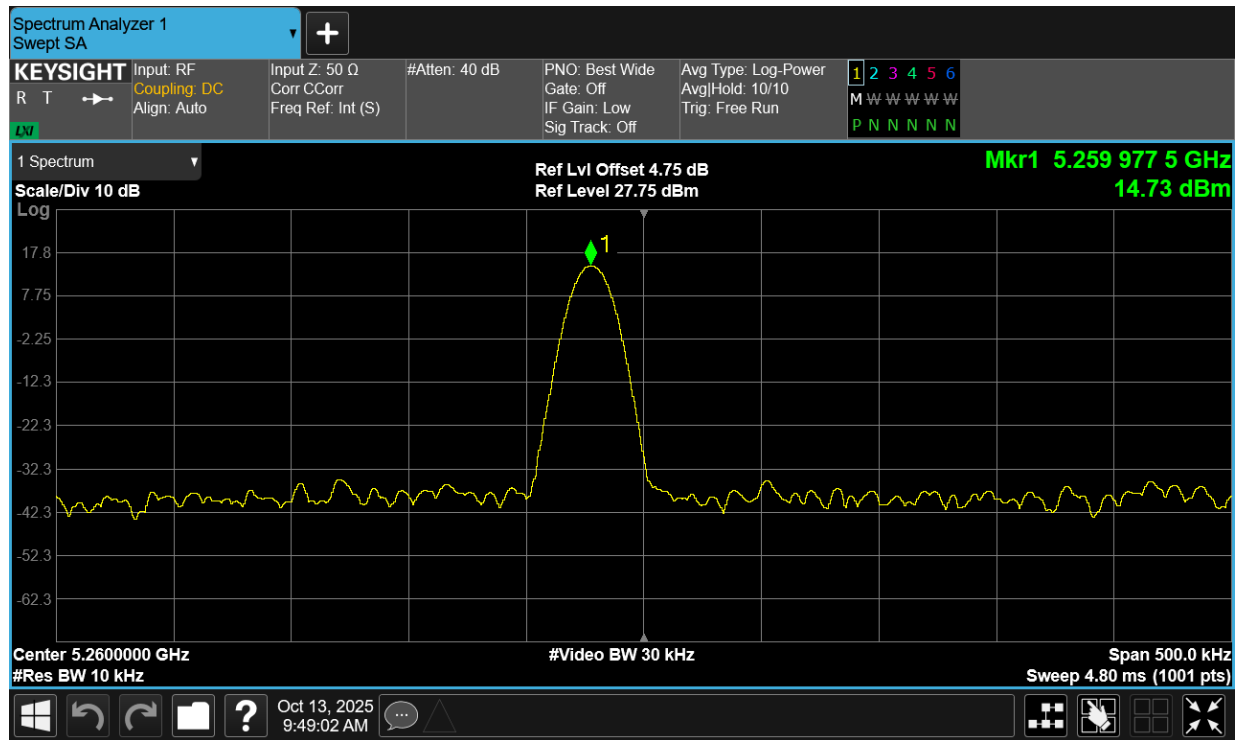
Test Data

Frequency Stability

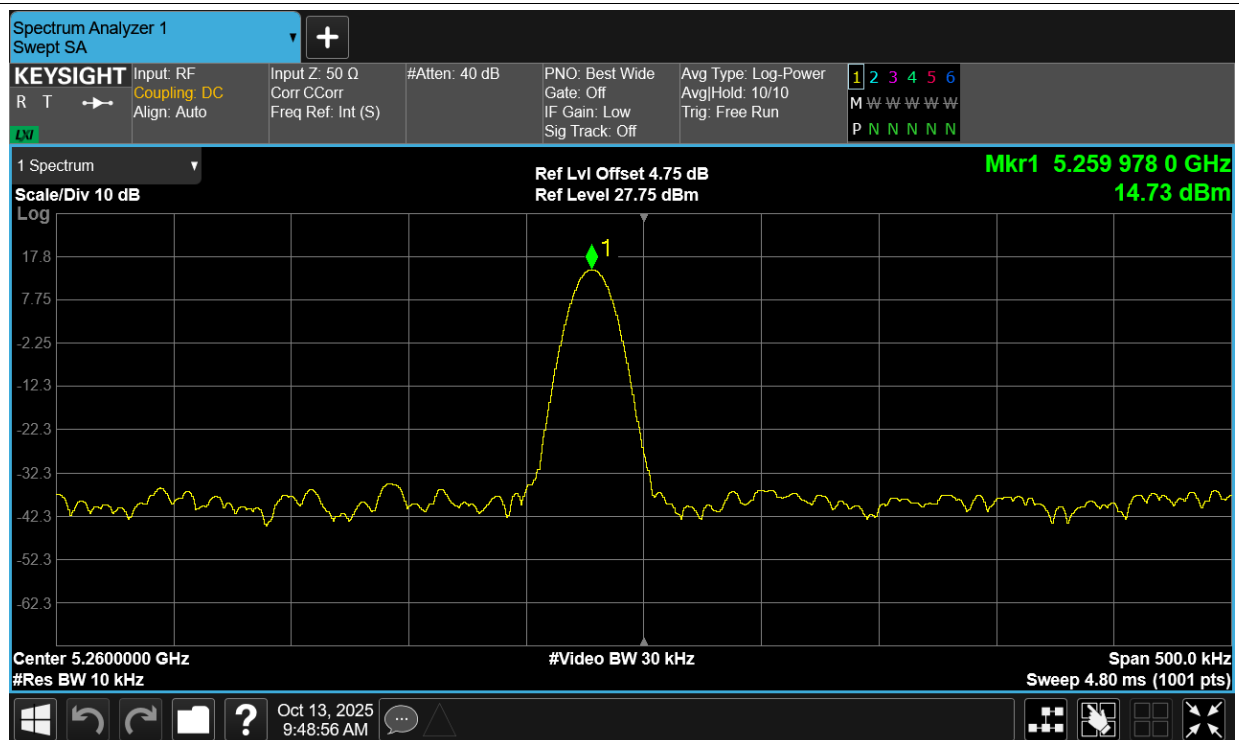
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.9775	-4.28	25	Pass
LVNT	a	5260	Ant1	5259.978	-4.18	25	Pass
NVHT	a	5260	Ant1	5259.978	-4.18	25	Pass
NVLT	a	5260	Ant1	5259.978	-4.18	25	Pass
NVNT	a	5260	Ant1	5259.978	-4.18	25	Pass
HVNT	ac80	5290	Ant1	5289.976	-4.54	25	Pass
LVNT	ac80	5290	Ant1	5289.976	-4.54	25	Pass
NVHT	ac80	5290	Ant1	5289.976	-4.54	25	Pass
NVLT	ac80	5290	Ant1	5289.9765	-4.44	25	Pass
NVNT	ac80	5290	Ant1	5289.977	-4.35	25	Pass
HVNT	n40	5270	Ant1	5269.977	-4.36	25	Pass
LVNT	n40	5270	Ant1	5269.977	-4.36	25	Pass
NVHT	n40	5270	Ant1	5269.9775	-4.27	25	Pass
NVLT	n40	5270	Ant1	5269.9775	-4.27	25	Pass
NVNT	n40	5270	Ant1	5269.978	-4.17	25	Pass

Test Graphs

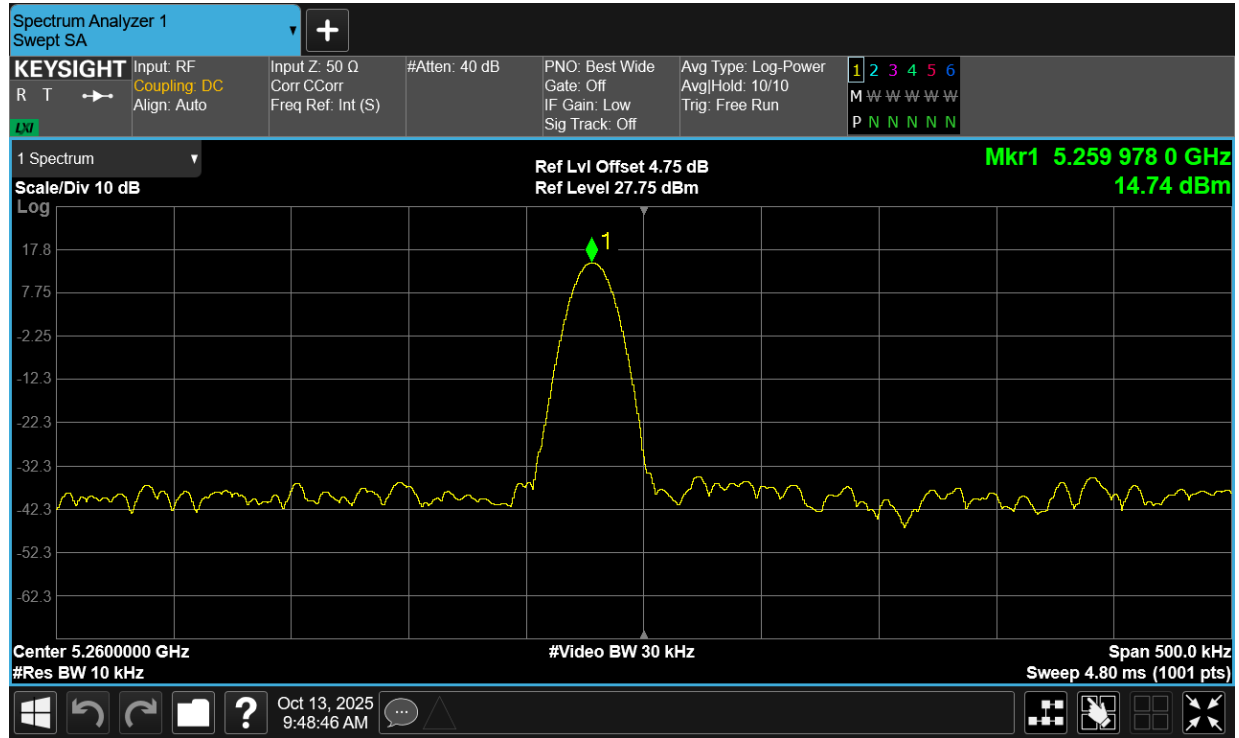
Freq. Stability HVNT a 5260MHz Ant1



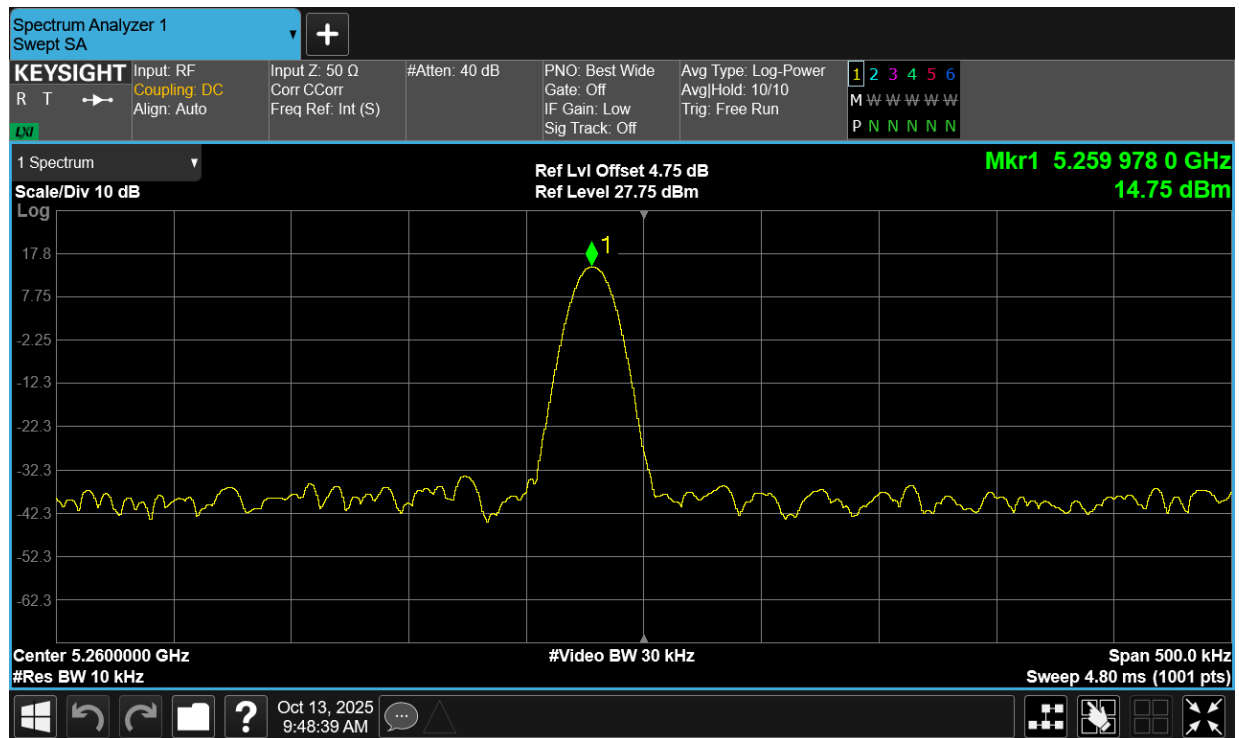
Freq. Stability LVNT a 5260MHz Ant1



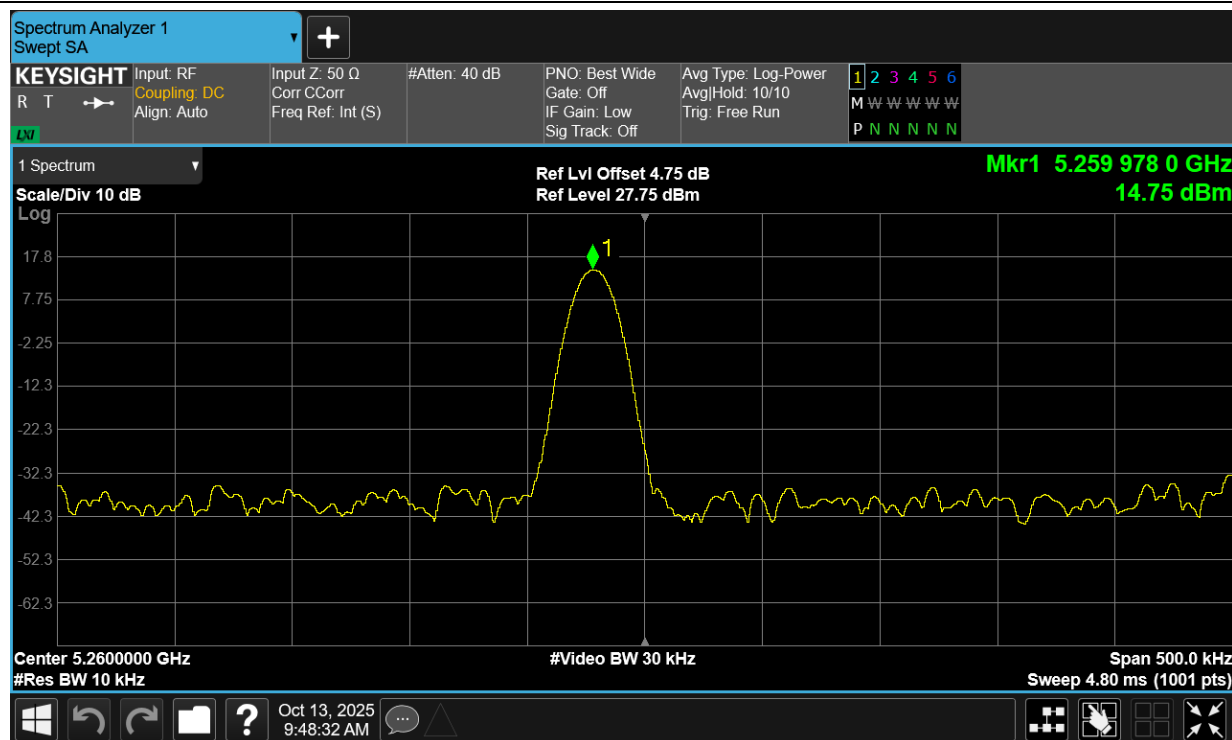
Freq. Stability NVHT a 5260MHz Ant1



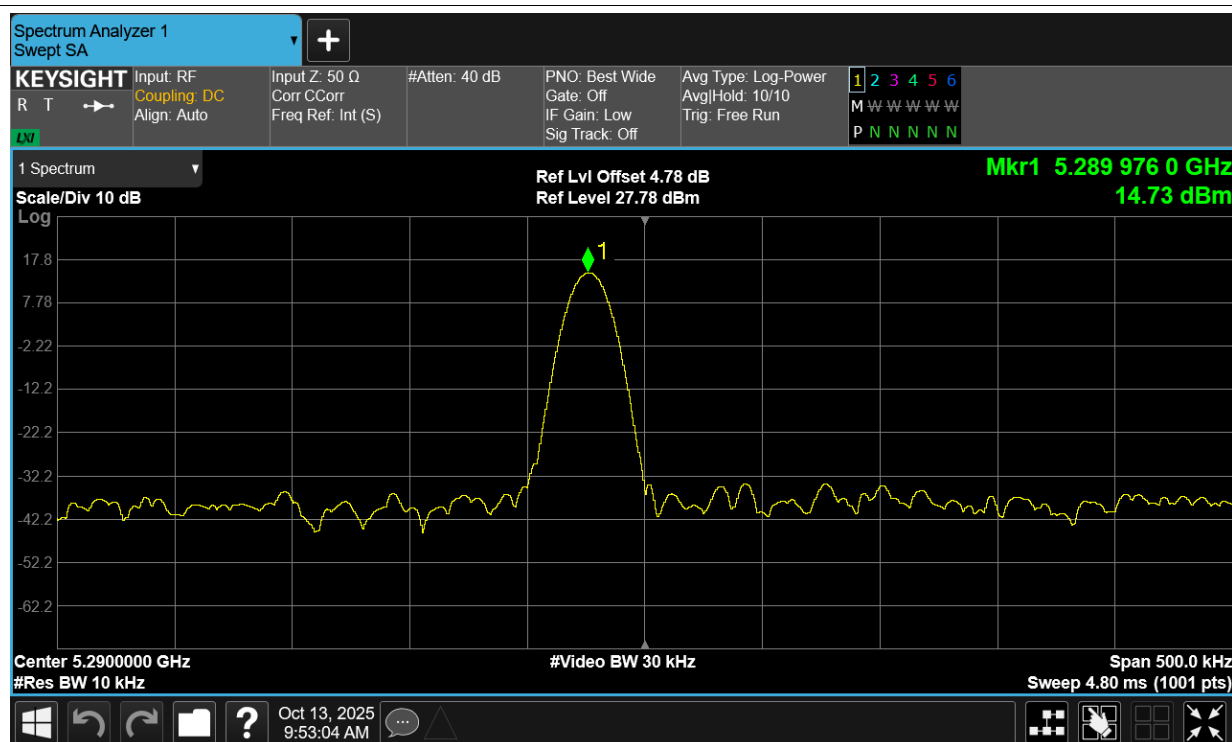
Freq. Stability NVLT a 5260MHz Ant1



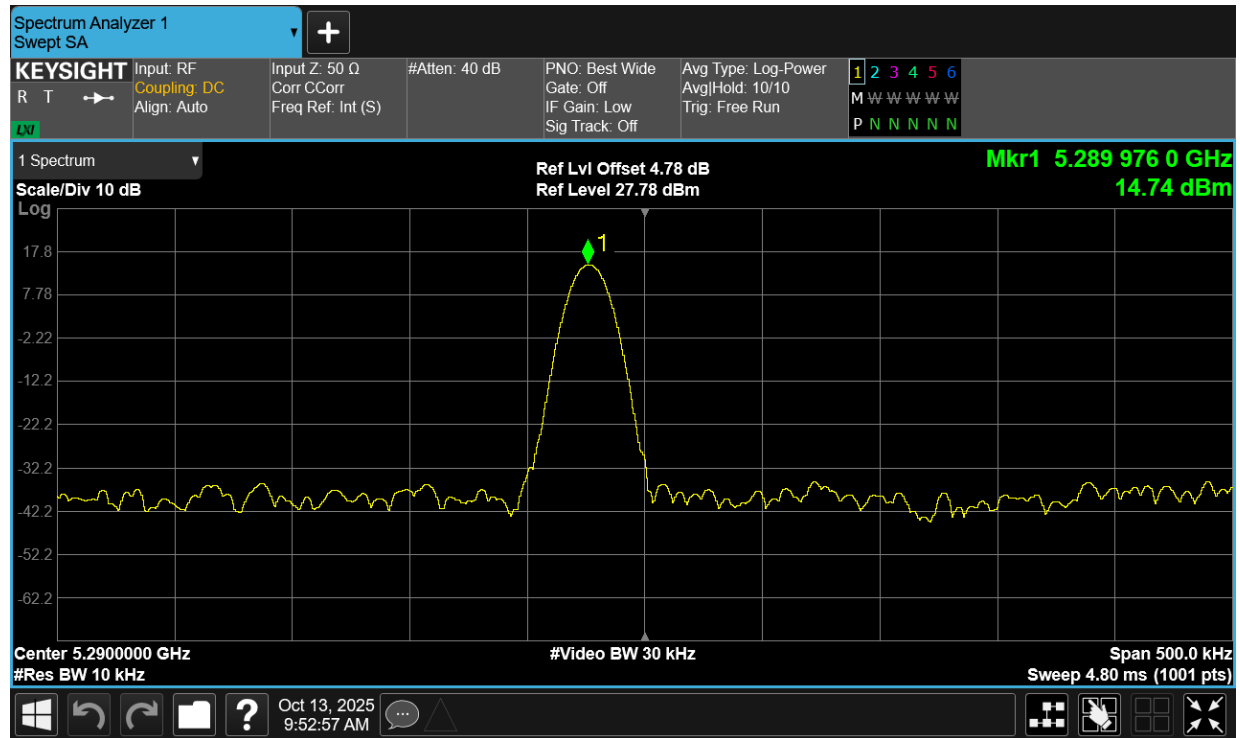
Freq. Stability NVNT a 5260MHz Ant1



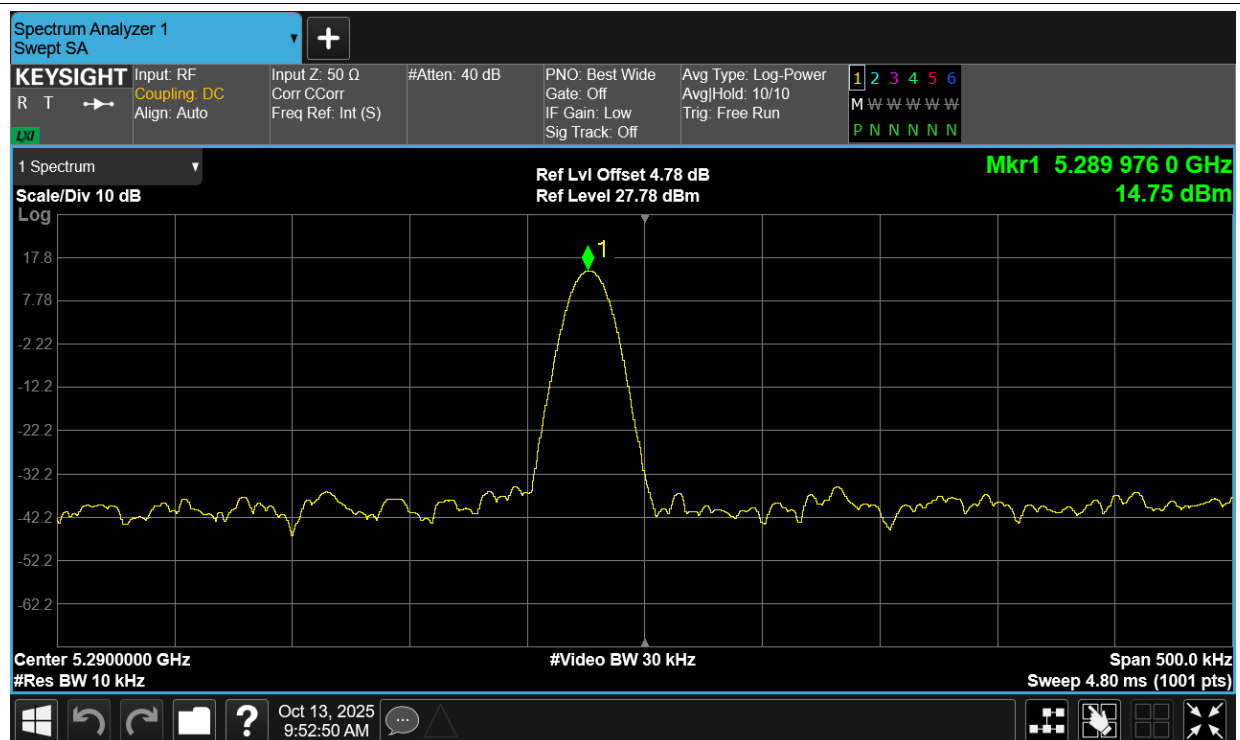
Freq. Stability HVNT ac80 5290MHz Ant1



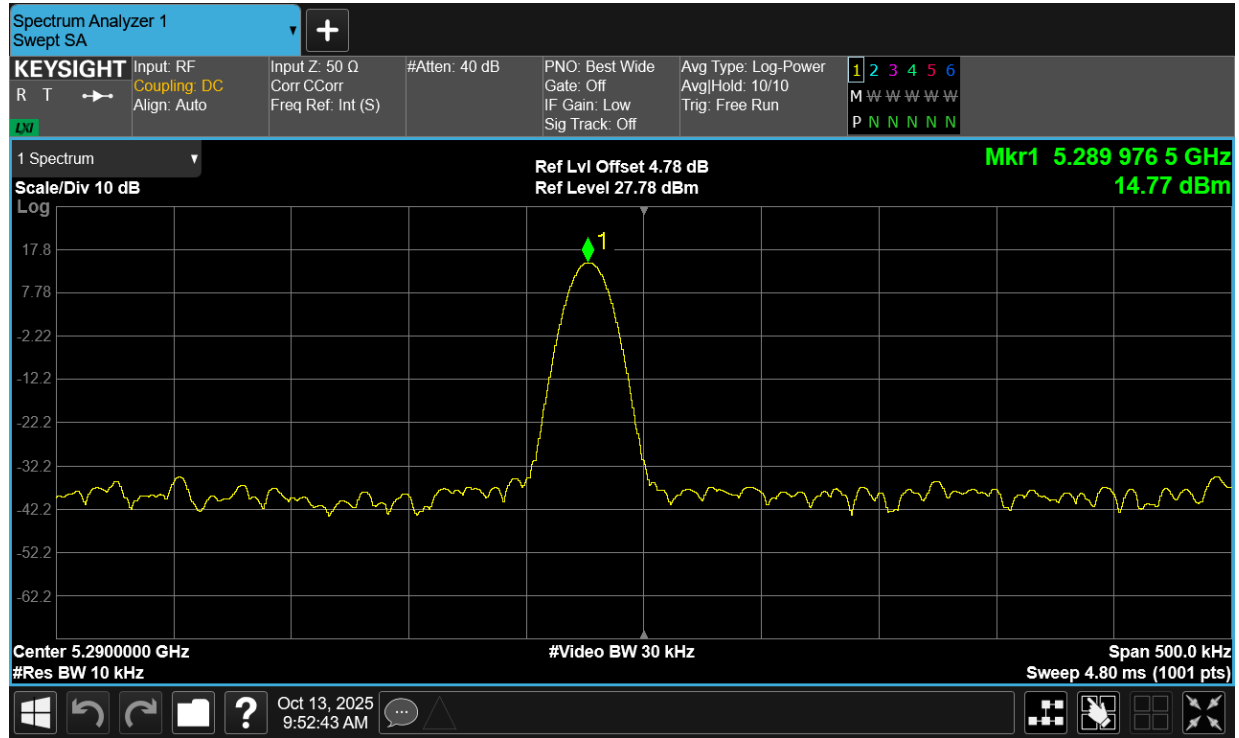
Freq. Stability LVNT ac80 5290MHz Ant1



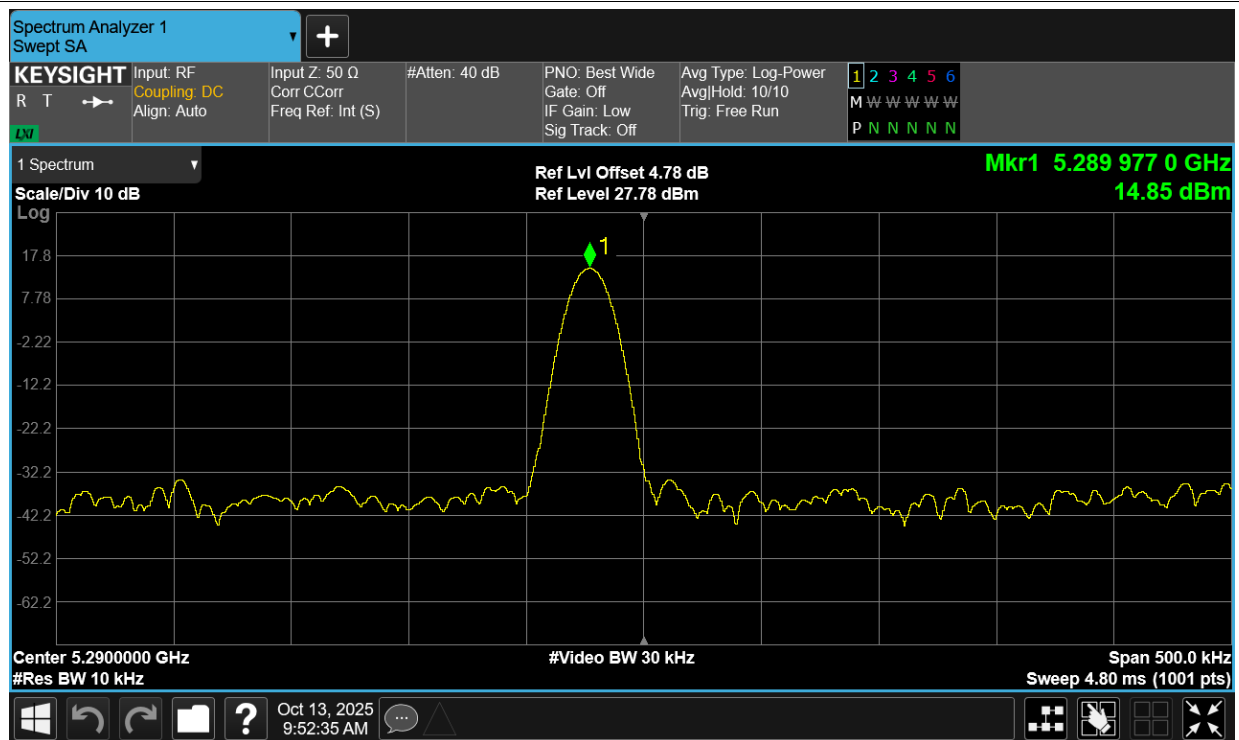
Freq. Stability NVHT ac80 5290MHz Ant1



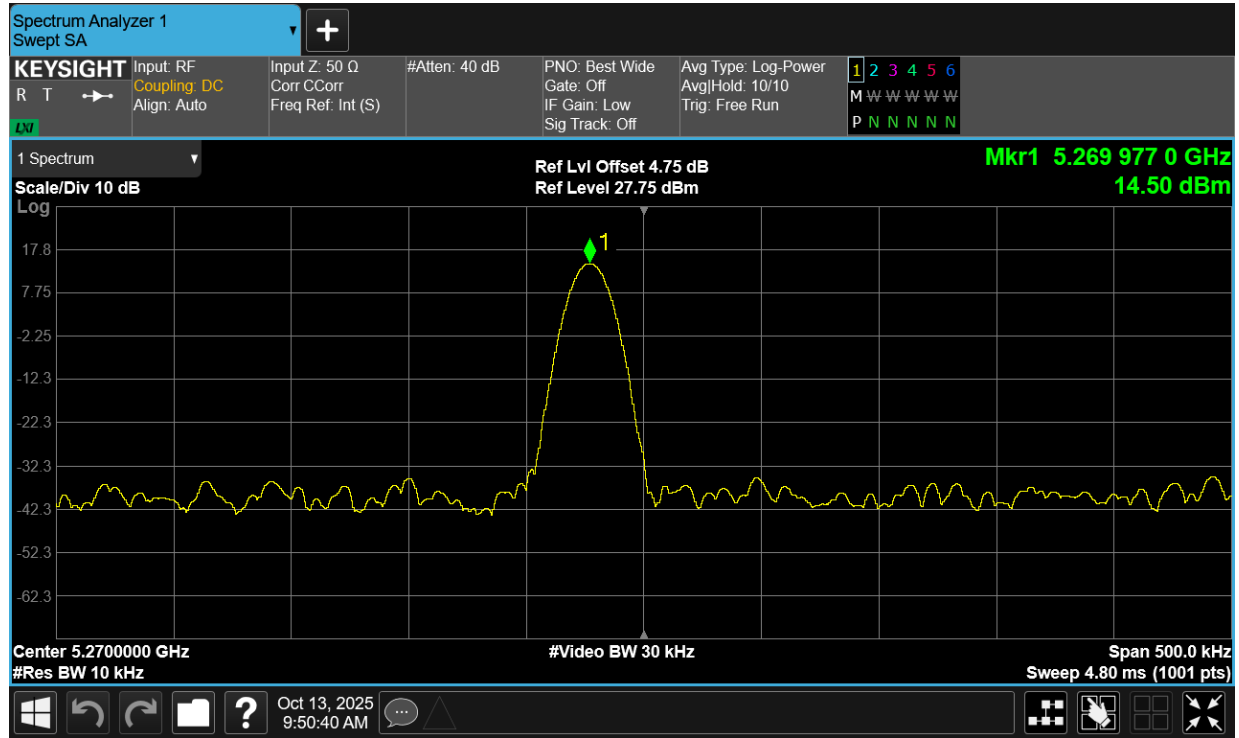
Freq. Stability NVLT ac80 5290MHz Ant1



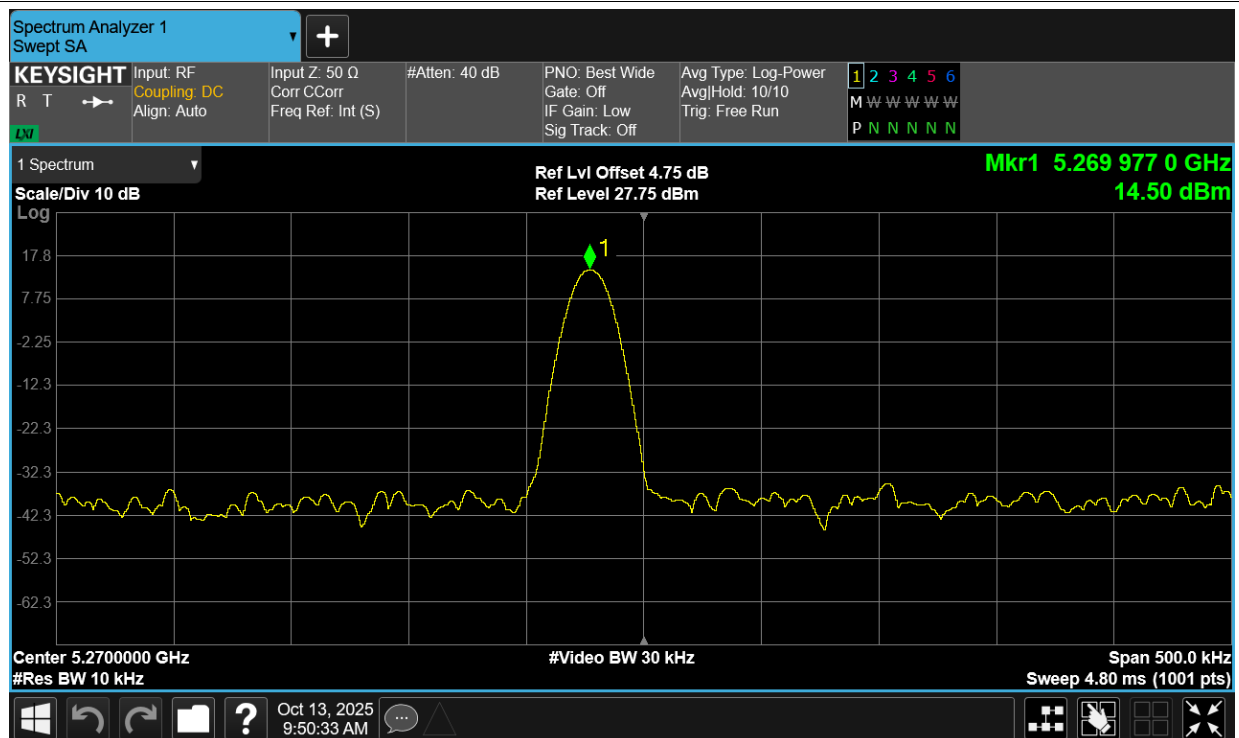
Freq. Stability NVNT ac80 5290MHz Ant1



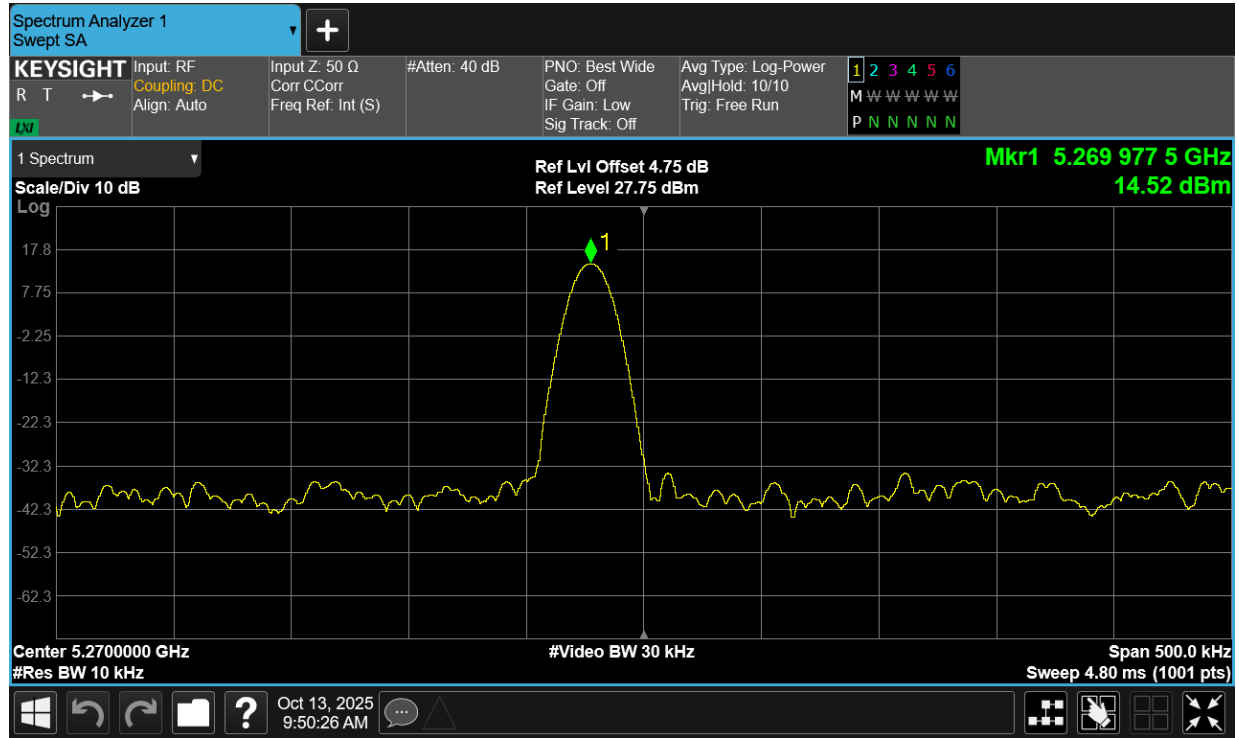
Freq. Stability HVNT n40 5270MHz Ant1



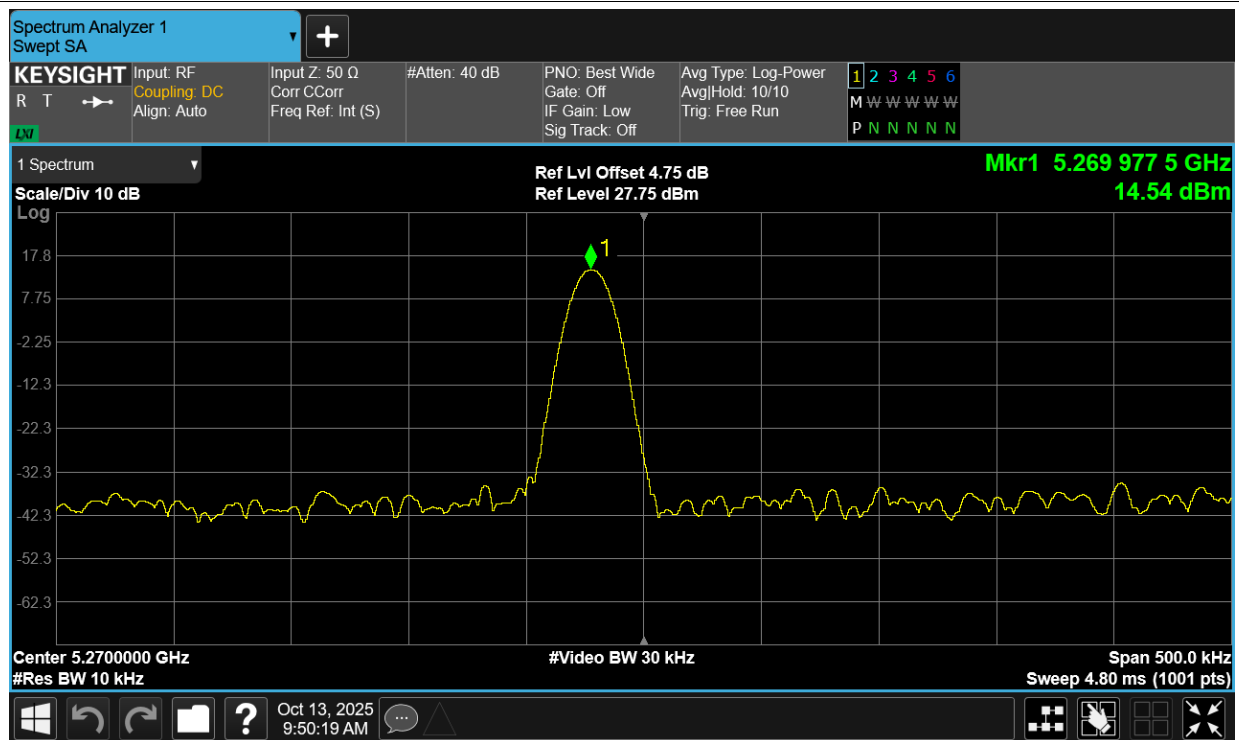
Freq. Stability LVNT n40 5270MHz Ant1



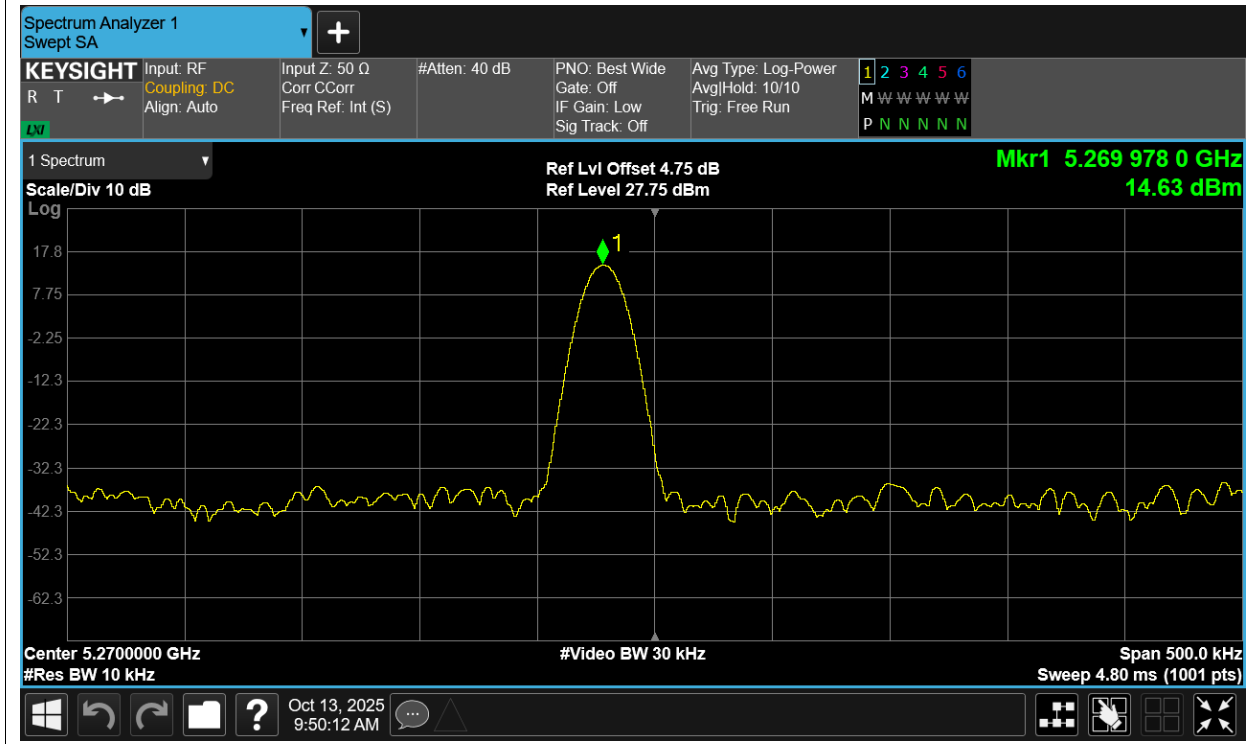
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1



Freq. Stability NVNT n40 5270MHz Ant1



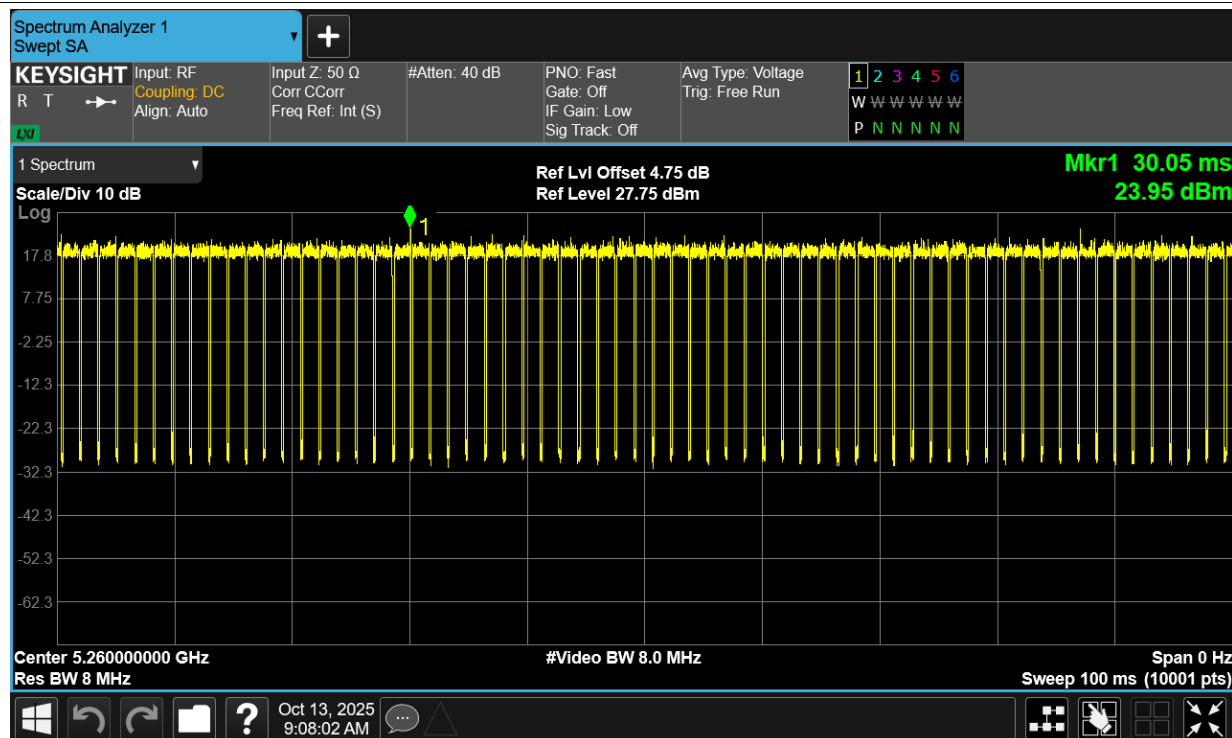


Duty Cycle

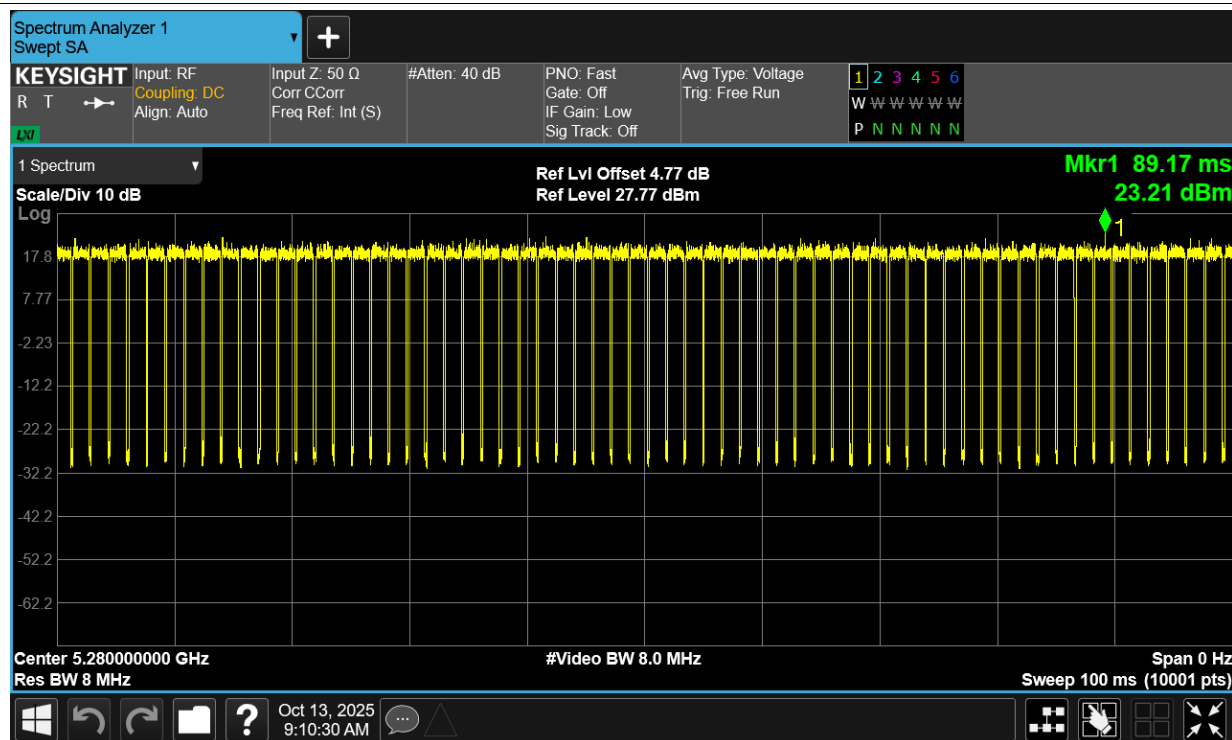
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	89.24	0.49
NVNT	a	5280	Ant1	88.77	0.52
NVNT	a	5320	Ant1	89.22	0.5
NVNT	ac20	5260	Ant1	87.52	0.58
NVNT	ac20	5280	Ant1	87.84	0.56
NVNT	ac20	5320	Ant1	87.22	0.59
NVNT	ac40	5270	Ant1	77.6	1.1
NVNT	ac40	5310	Ant1	77.67	1.1
NVNT	ac80	5290	Ant1	64.17	1.93
NVNT	n20	5260	Ant1	87.55	0.58
NVNT	n20	5280	Ant1	87.61	0.57
NVNT	n20	5320	Ant1	87.69	0.57
NVNT	n40	5270	Ant1	77.33	1.12
NVNT	n40	5310	Ant1	77.35	1.12

Test Graphs

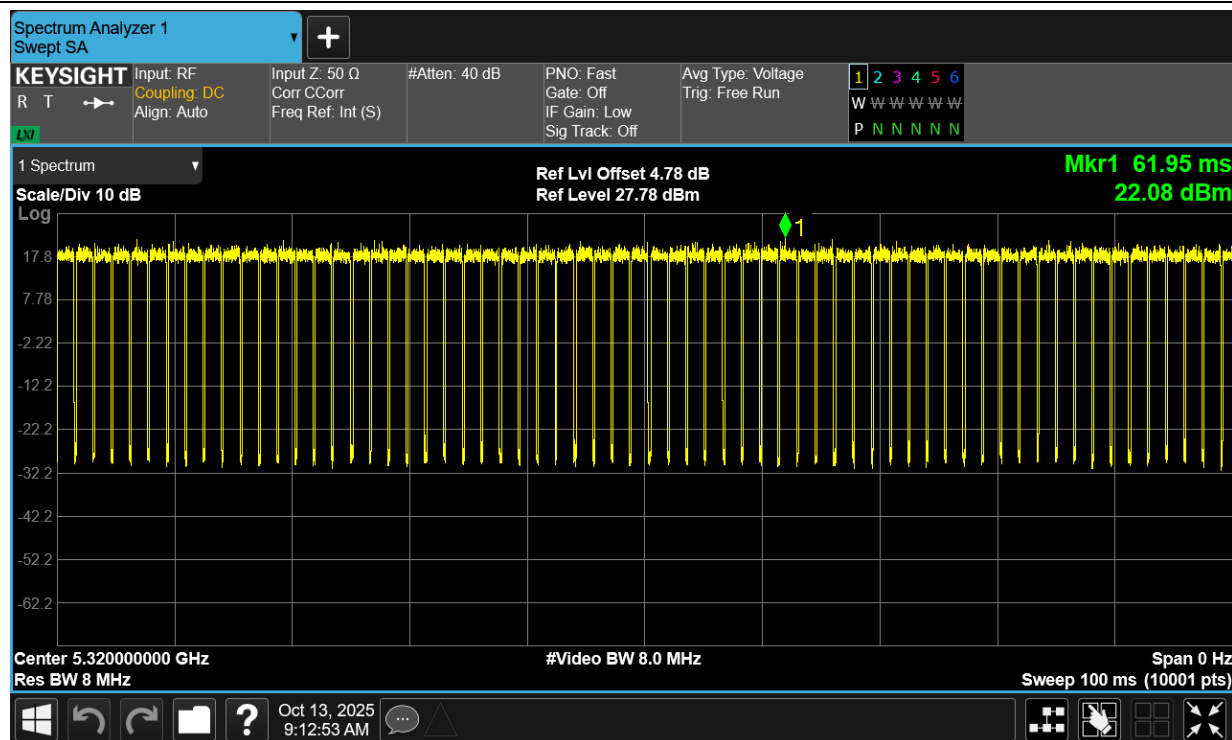
Duty Cycle NVNT a 5260MHz Ant1



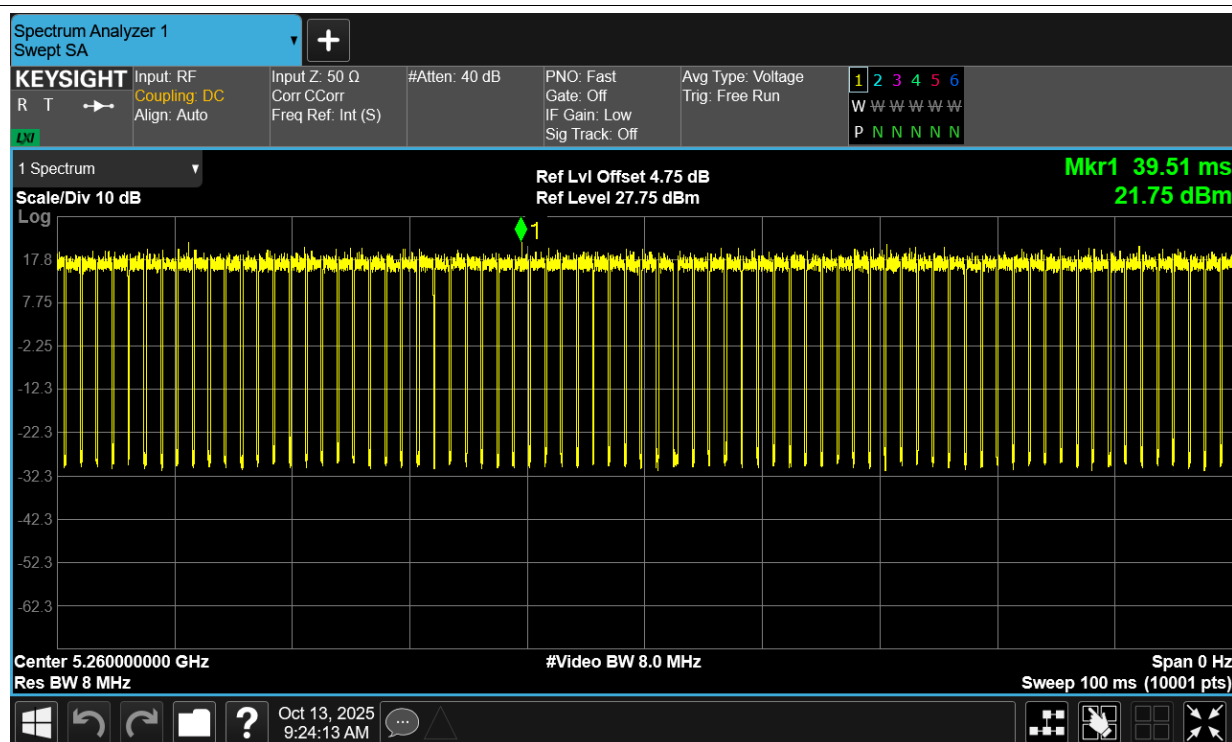
Duty Cycle NVNT a 5280MHz Ant1



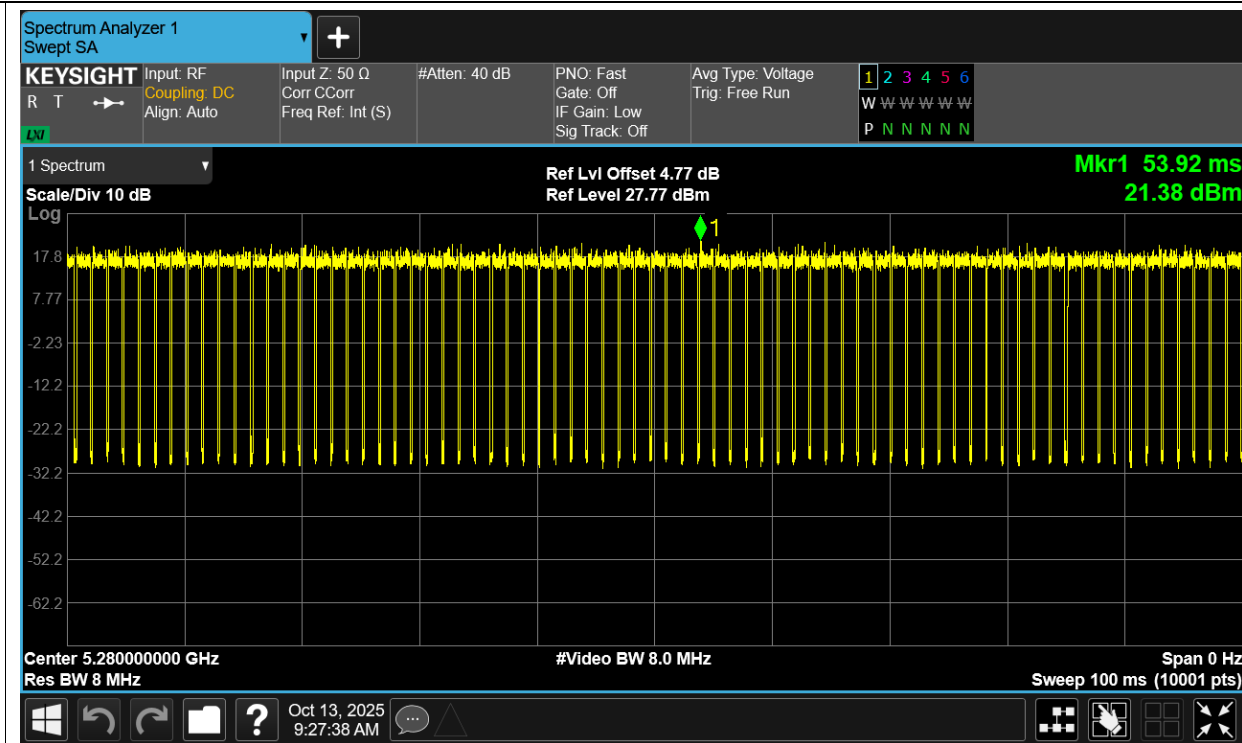
Duty Cycle NVNT a 5320MHz Ant1



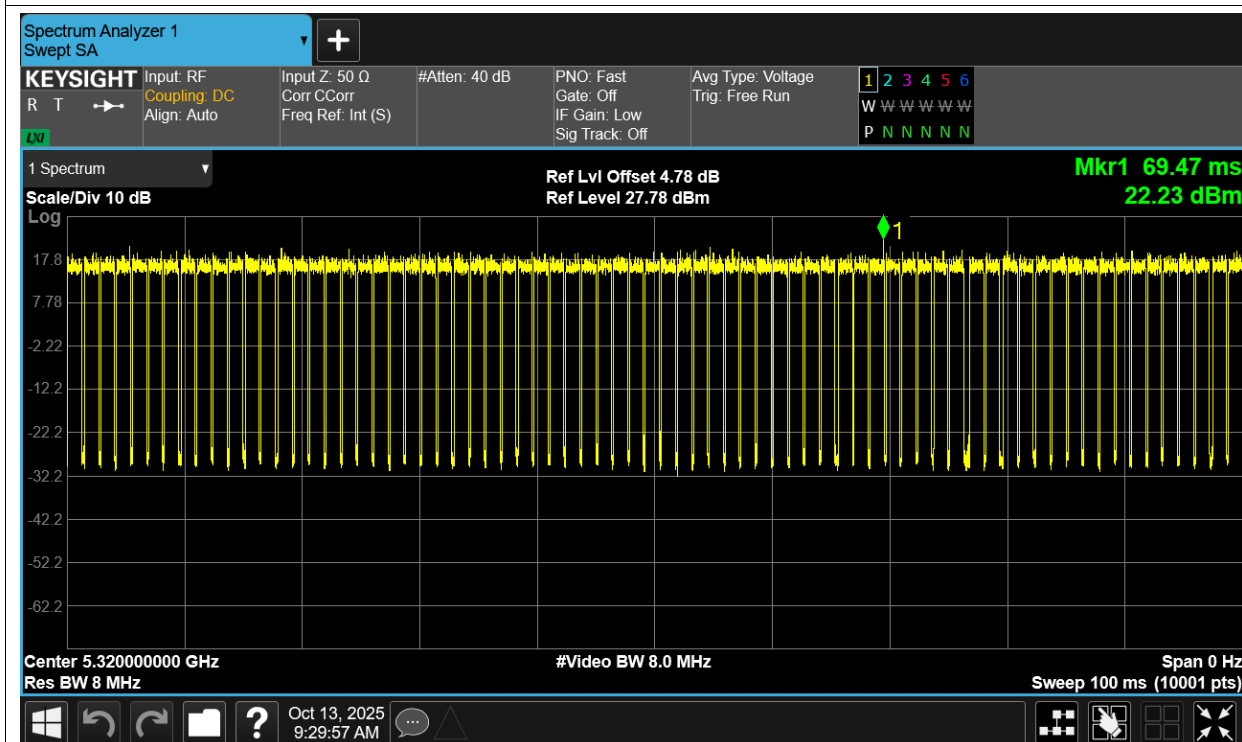
Duty Cycle NVNT ac20 5260MHz Ant1



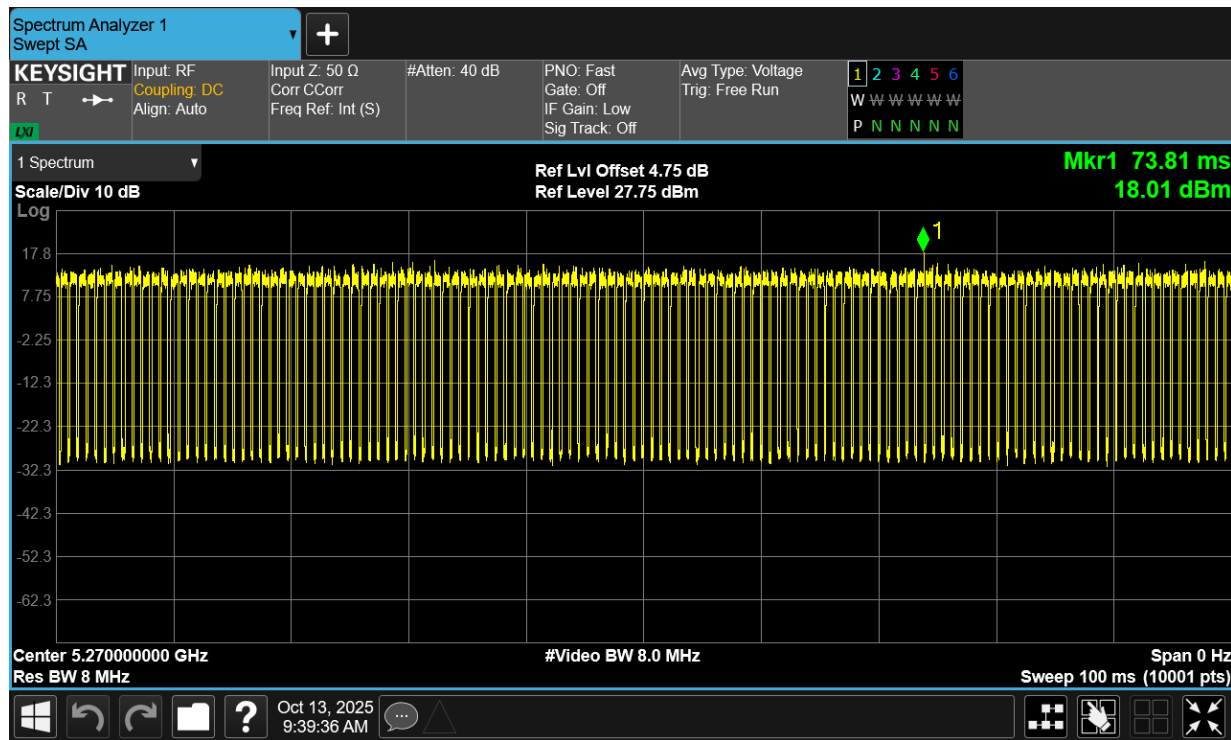
Duty Cycle NVNT ac20 5280MHz Ant1



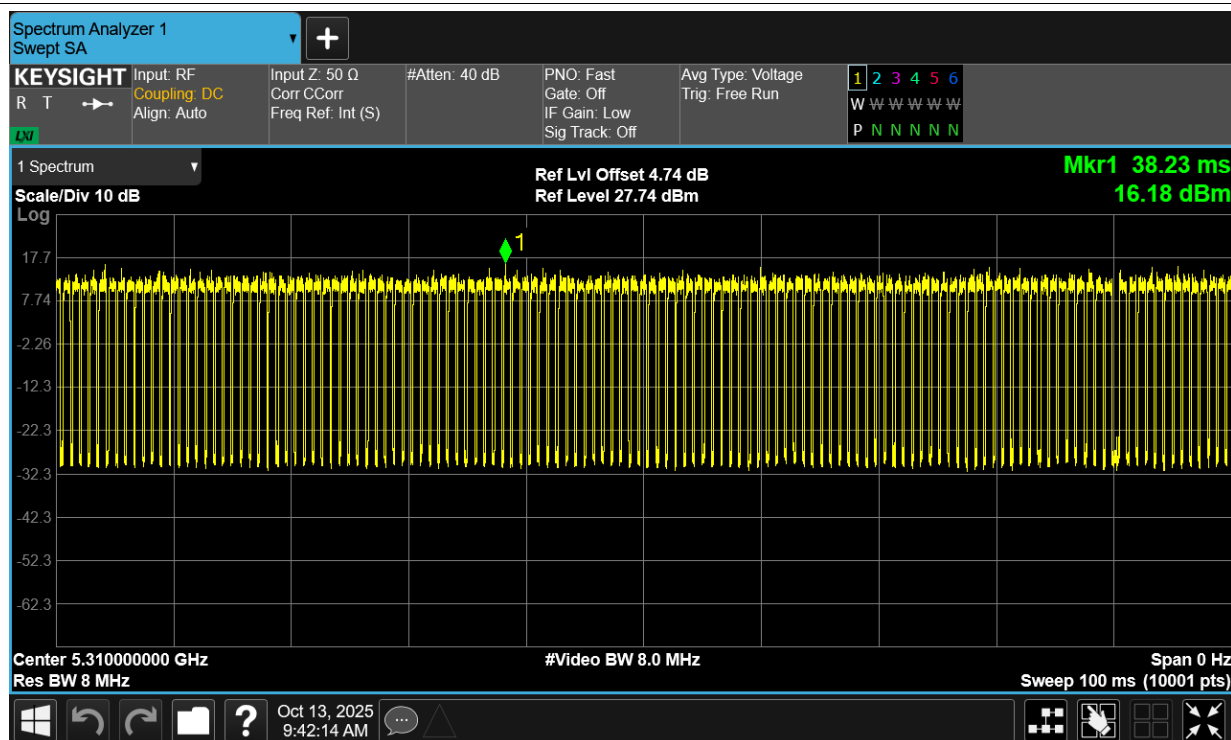
Duty Cycle NVNT ac20 5320MHz Ant1



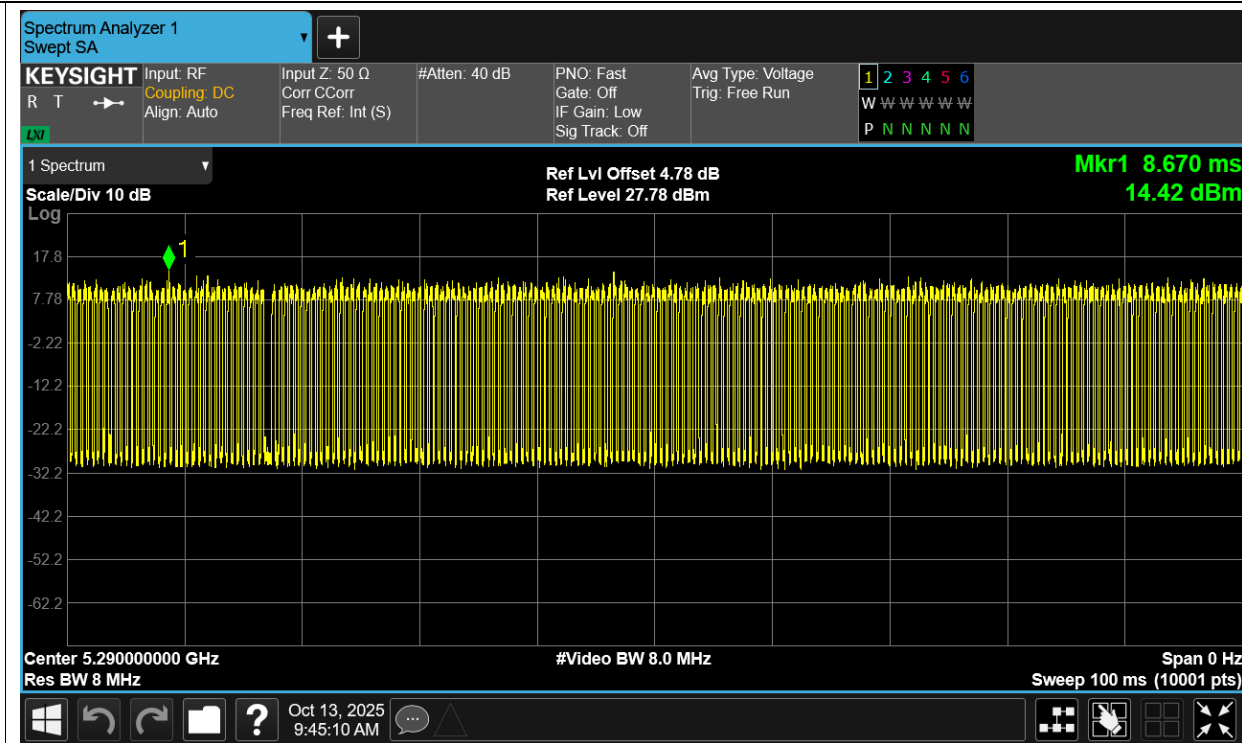
Duty Cycle NVNT ac40 5270MHz Ant1



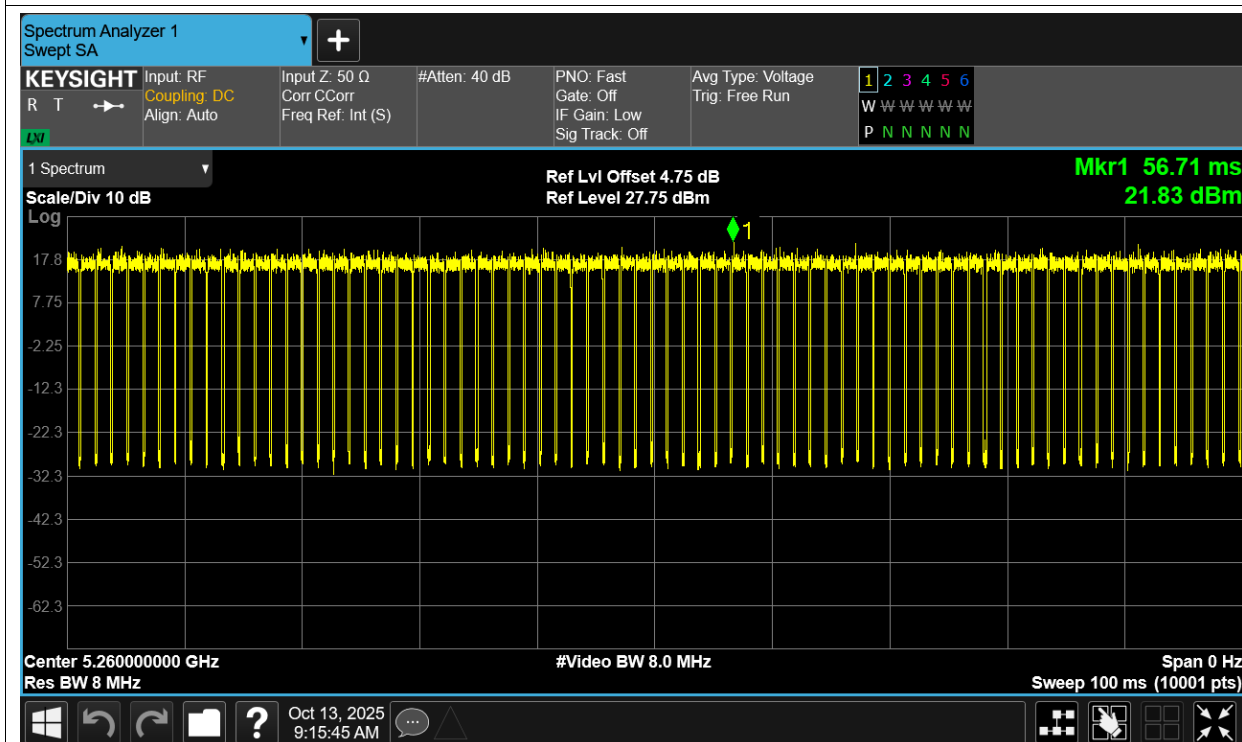
Duty Cycle NVNT ac40 5310MHz Ant1



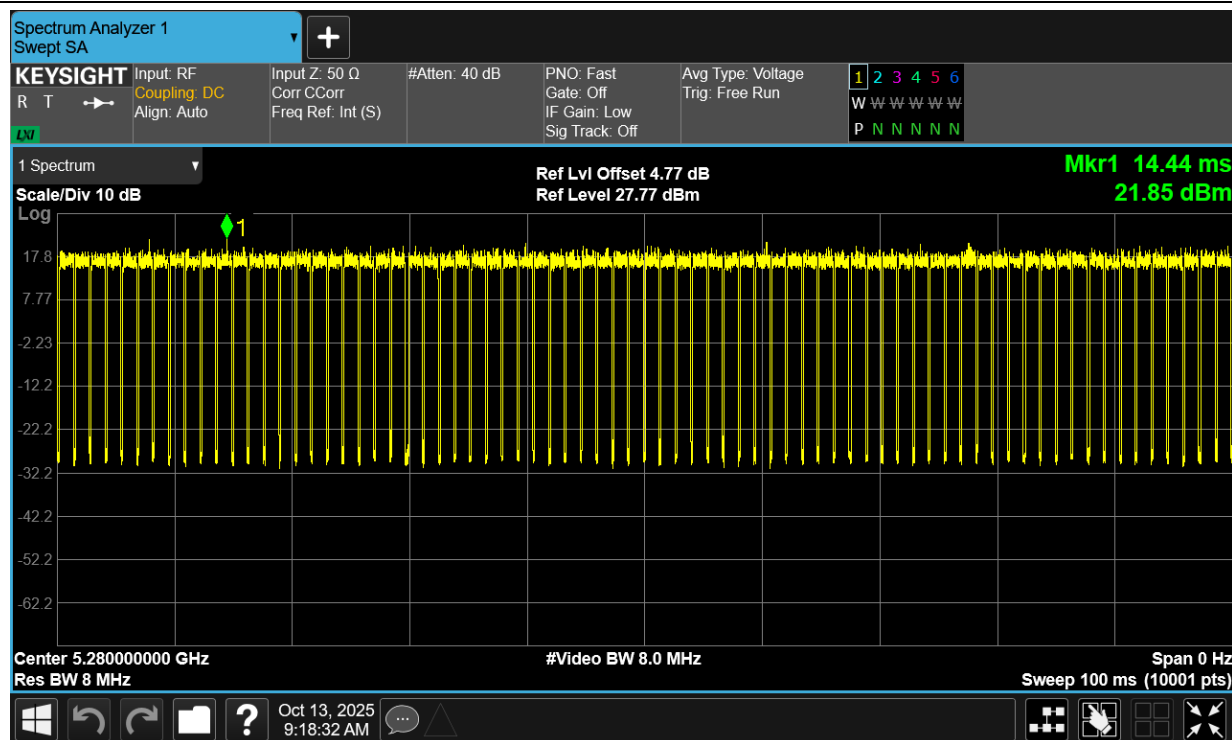
Duty Cycle NVNT ac80 5290MHz Ant1



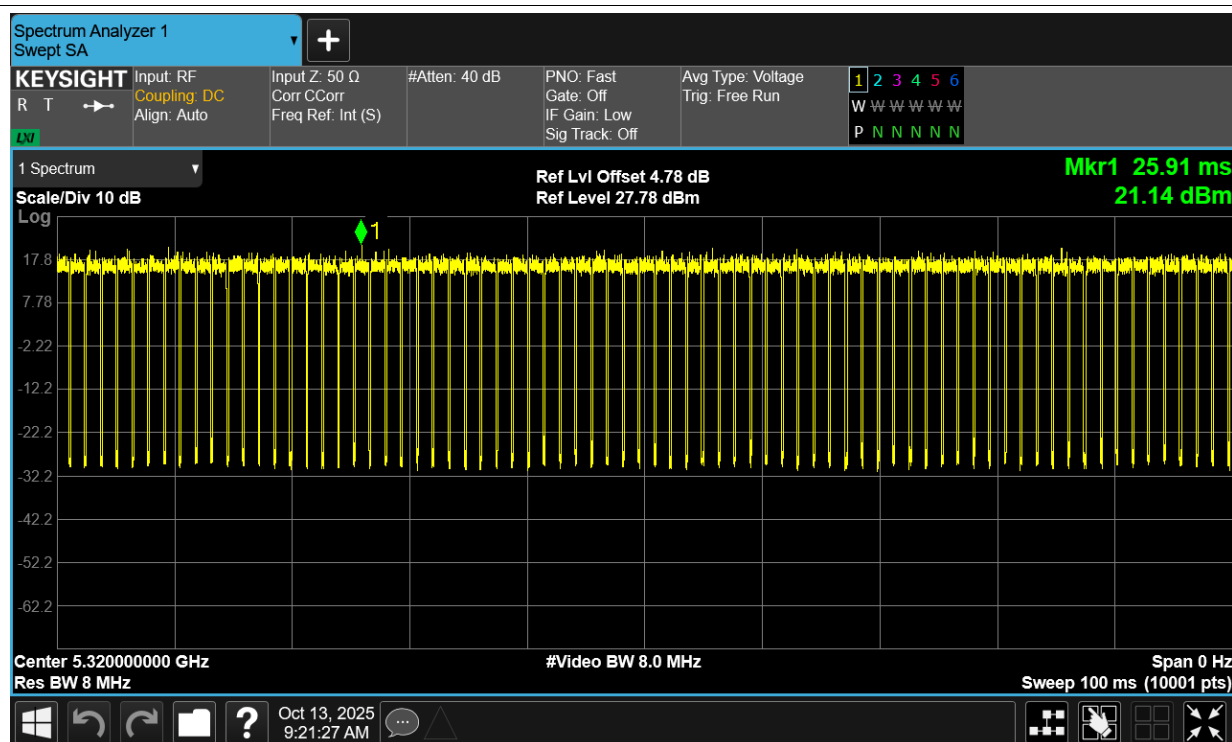
Duty Cycle NVNT n20 5260MHz Ant1



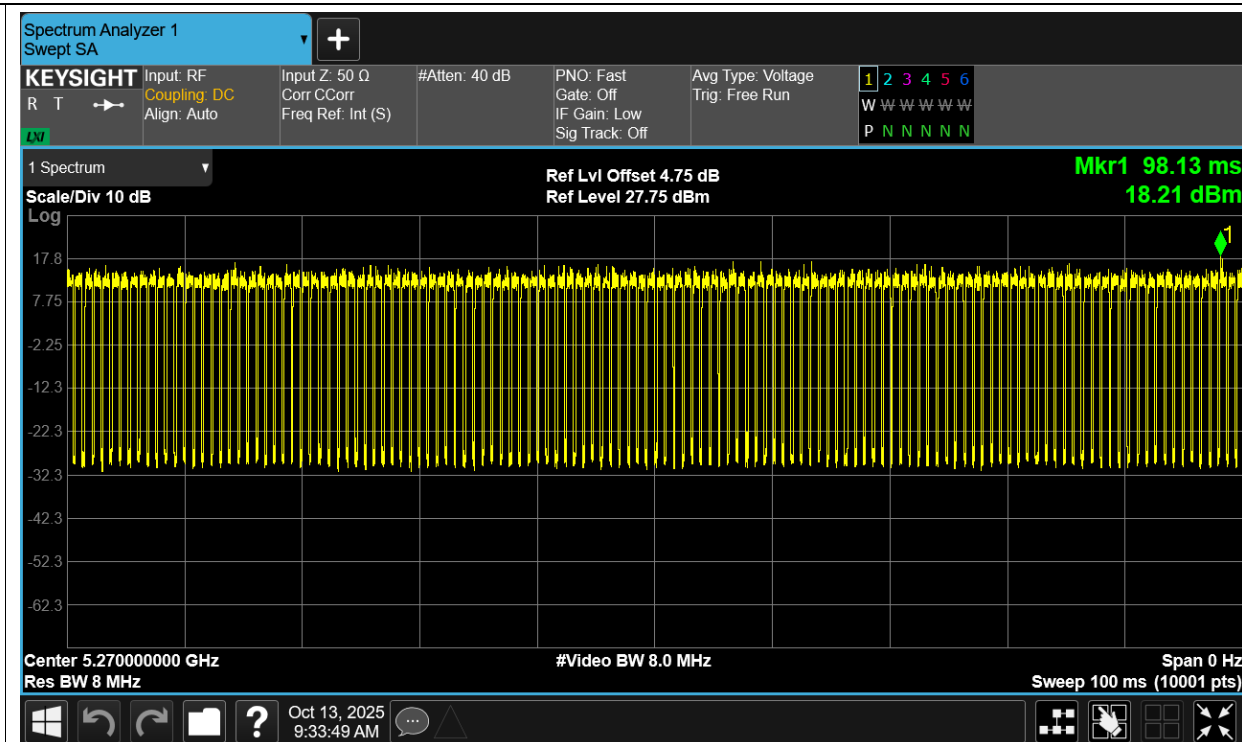
Duty Cycle NVNT n20 5280MHz Ant1



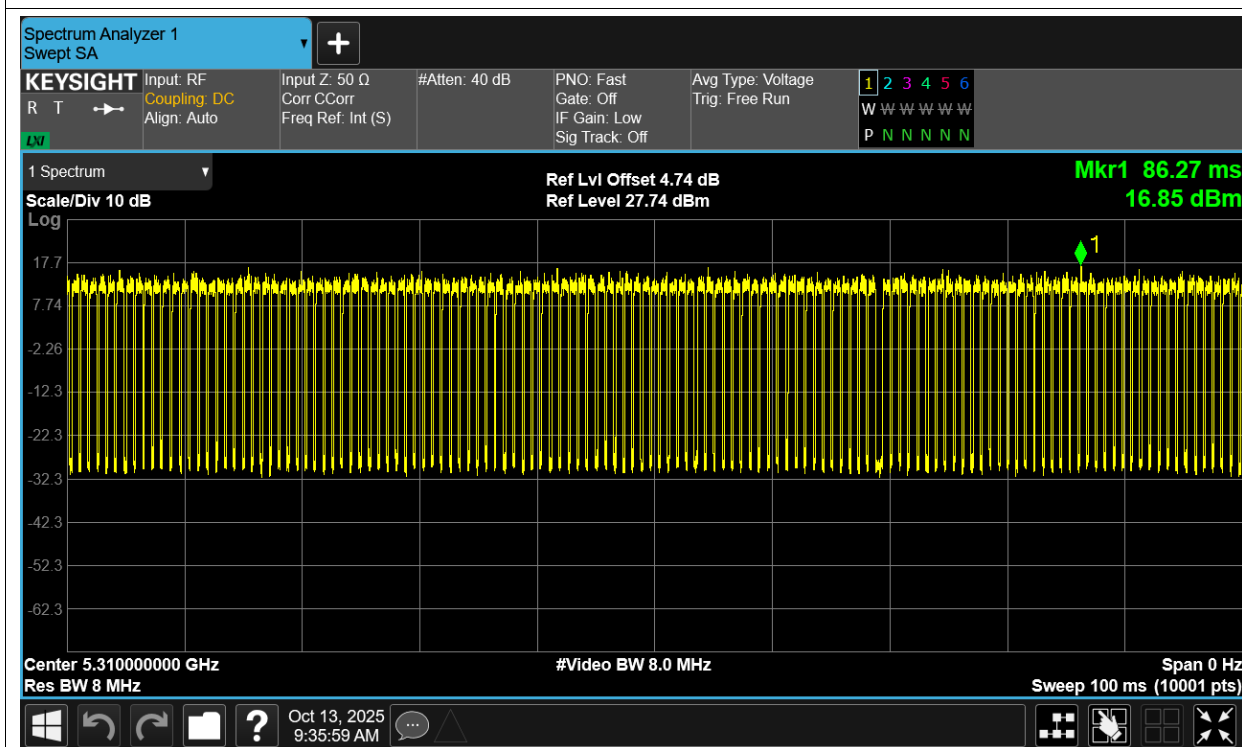
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	14.75	0.49	15.24	24	Pass
NVNT	a	5280	Ant1	14.93	0.52	15.45	24	Pass
NVNT	a	5320	Ant1	15.07	0.5	15.57	24	Pass
NVNT	ac20	5260	Ant1	12.81	0.58	13.39	24	Pass
NVNT	ac20	5280	Ant1	13.15	0.56	13.71	24	Pass
NVNT	ac20	5320	Ant1	13.23	0.59	13.82	24	Pass
NVNT	ac40	5270	Ant1	11.69	1.1	12.79	24	Pass
NVNT	ac40	5310	Ant1	12.43	1.1	13.53	24	Pass
NVNT	ac80	5290	Ant1	12.42	1.93	14.35	24	Pass
NVNT	n20	5260	Ant1	12.81	0.58	13.39	24	Pass
NVNT	n20	5280	Ant1	13.11	0.57	13.68	24	Pass
NVNT	n20	5320	Ant1	13.27	0.57	13.84	24	Pass
NVNT	n40	5270	Ant1	12.56	1.12	13.68	24	Pass
NVNT	n40	5310	Ant1	13.3	1.12	14.42	24	Pass

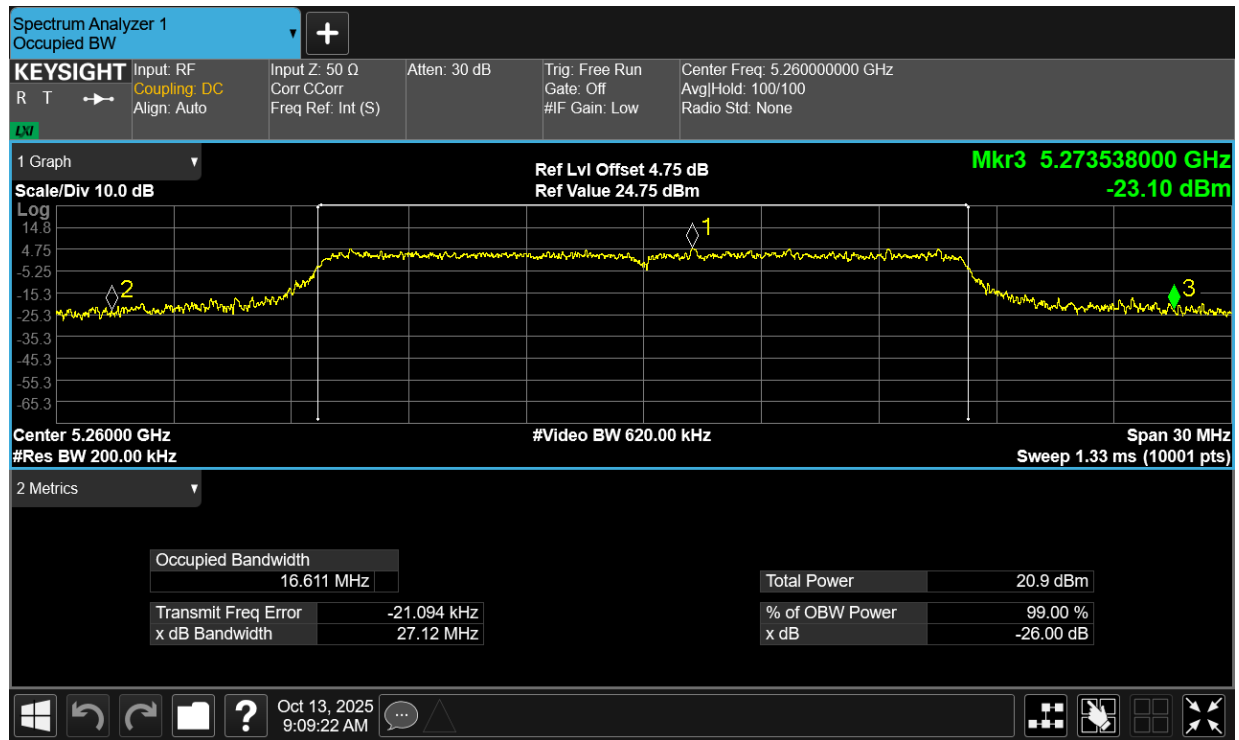


-26dB Bandwidth

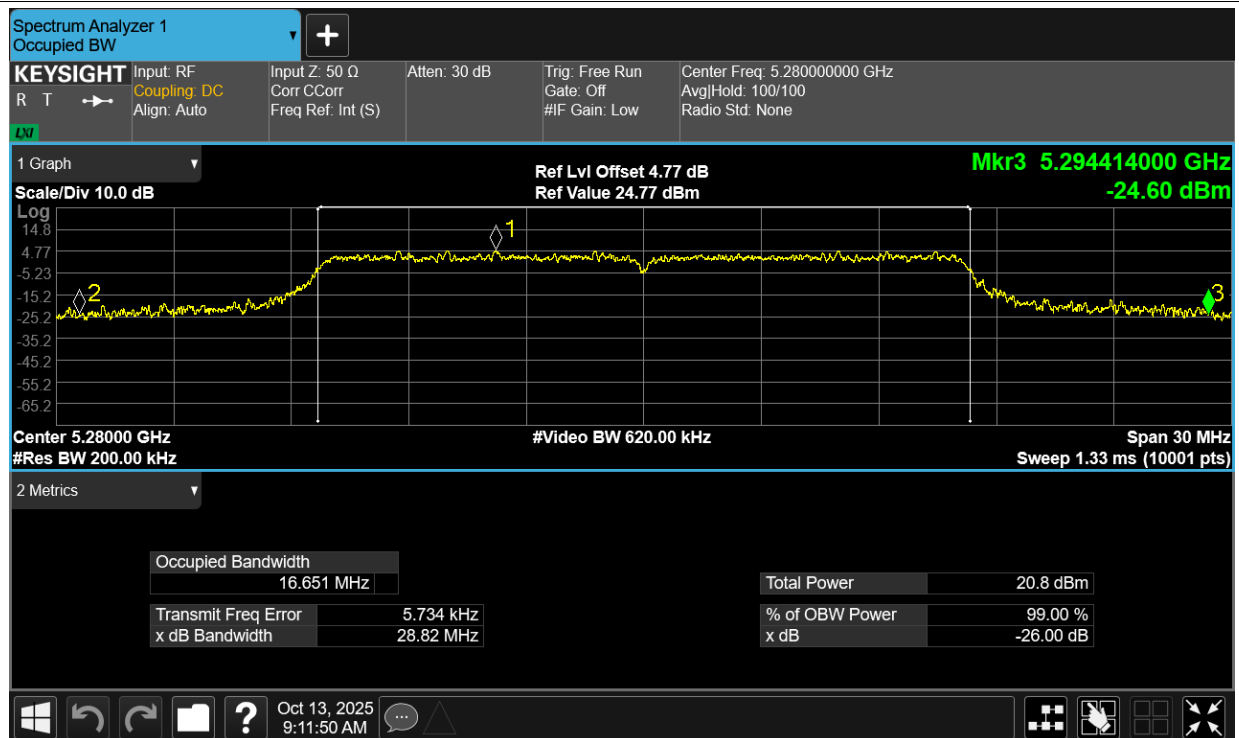
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	27.118
NVNT	a	5280	Ant1	28.817
NVNT	a	5320	Ant1	25.714
NVNT	ac20	5260	Ant1	24.756
NVNT	ac20	5280	Ant1	26.398
NVNT	ac20	5320	Ant1	26.164
NVNT	ac40	5270	Ant1	54.007
NVNT	ac40	5310	Ant1	54.455
NVNT	ac80	5290	Ant1	85.188
NVNT	n20	5260	Ant1	27.378
NVNT	n20	5280	Ant1	26.692
NVNT	n20	5320	Ant1	29.637
NVNT	n40	5270	Ant1	53.903
NVNT	n40	5310	Ant1	59.316

Test Graphs

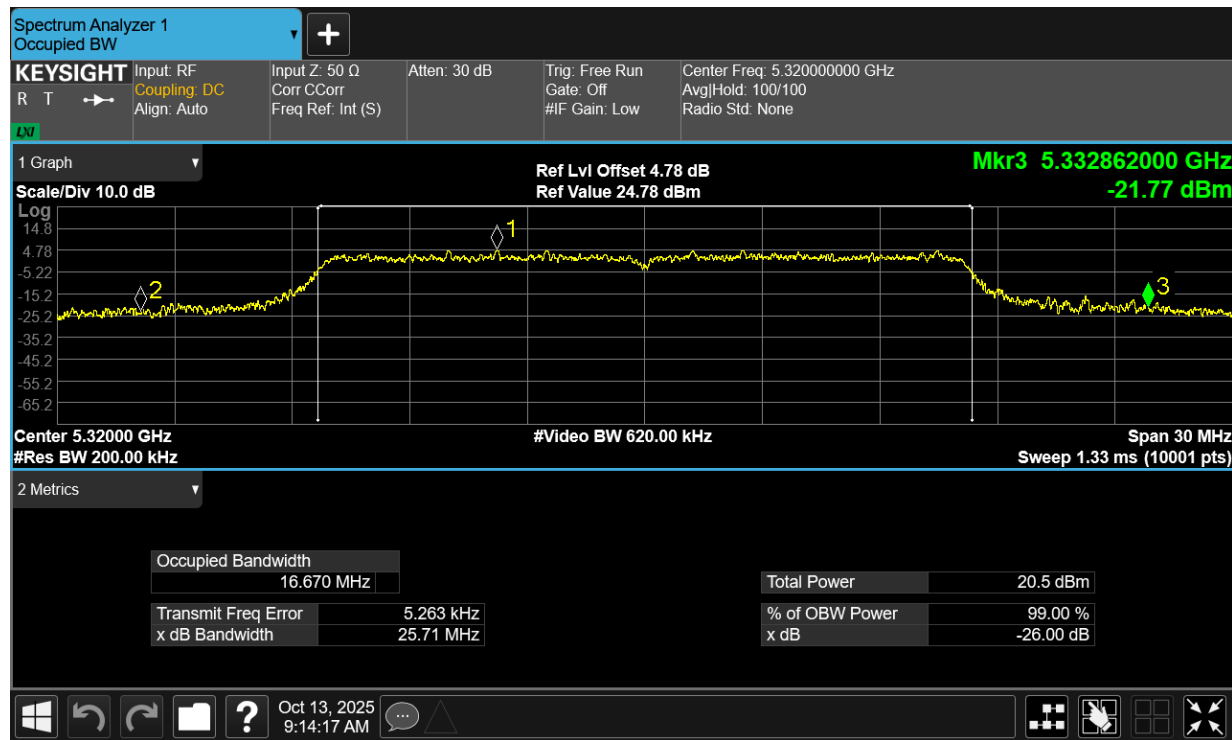
-26dB Bandwidth NVNT a 5260MHz Ant1



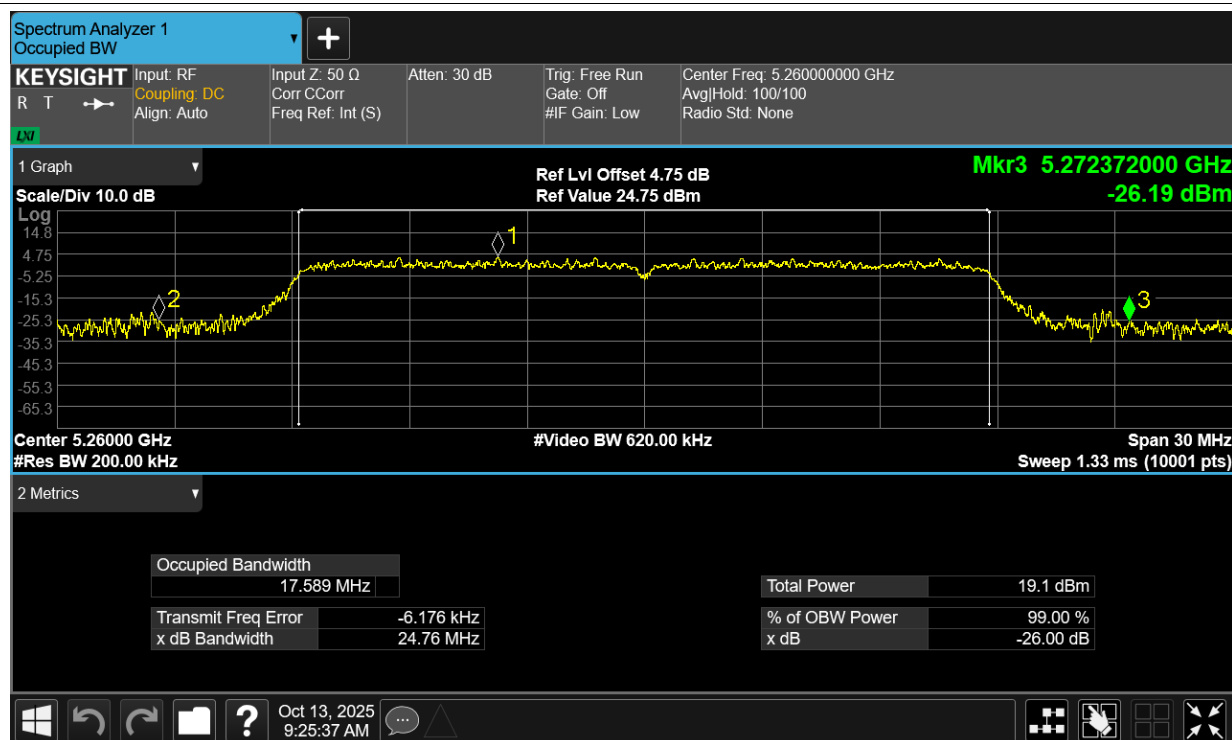
-26dB Bandwidth NVNT a 5280MHz Ant1



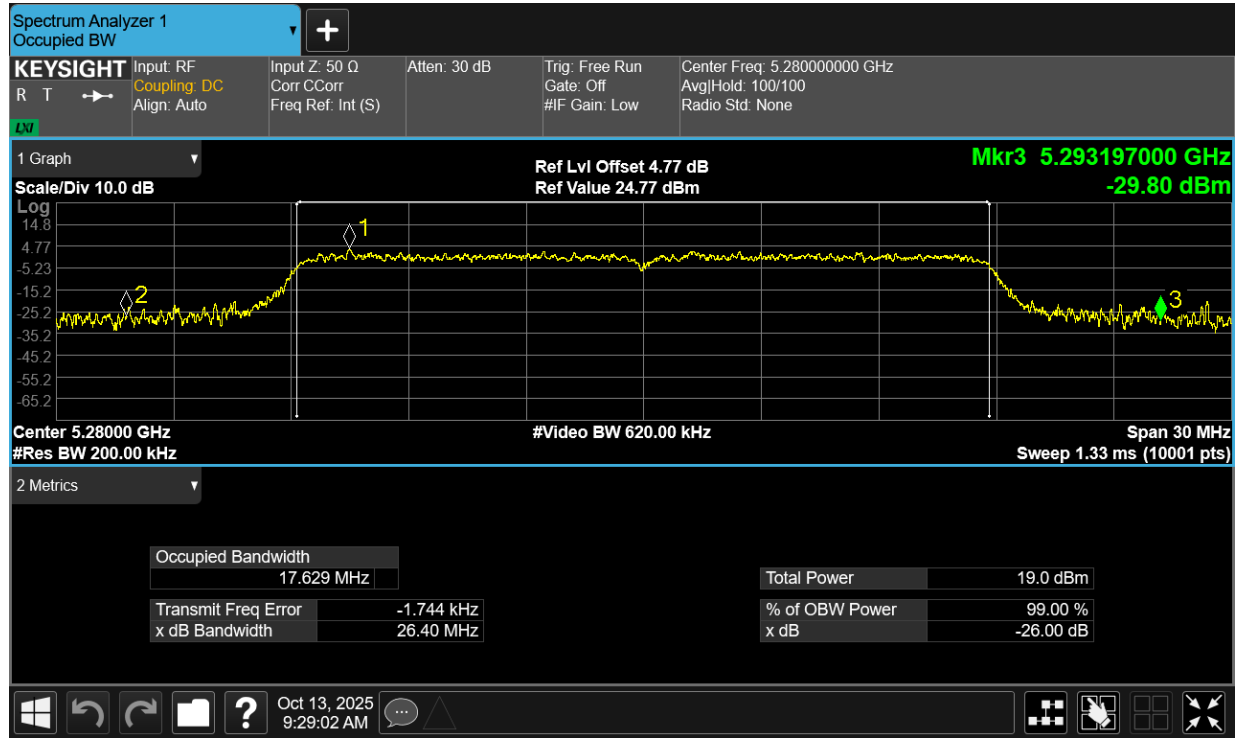
-26dB Bandwidth NVNT a 5320MHz Ant1



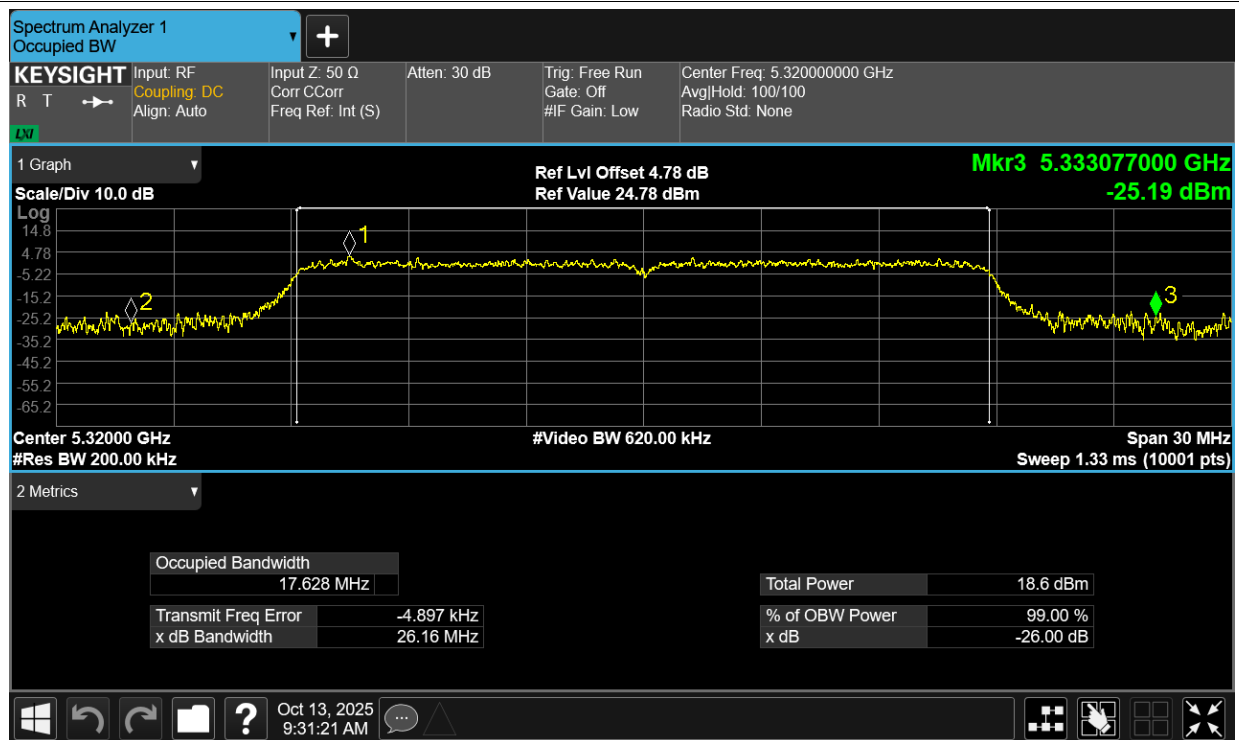
-26dB Bandwidth NVNT ac20 5260MHz Ant1



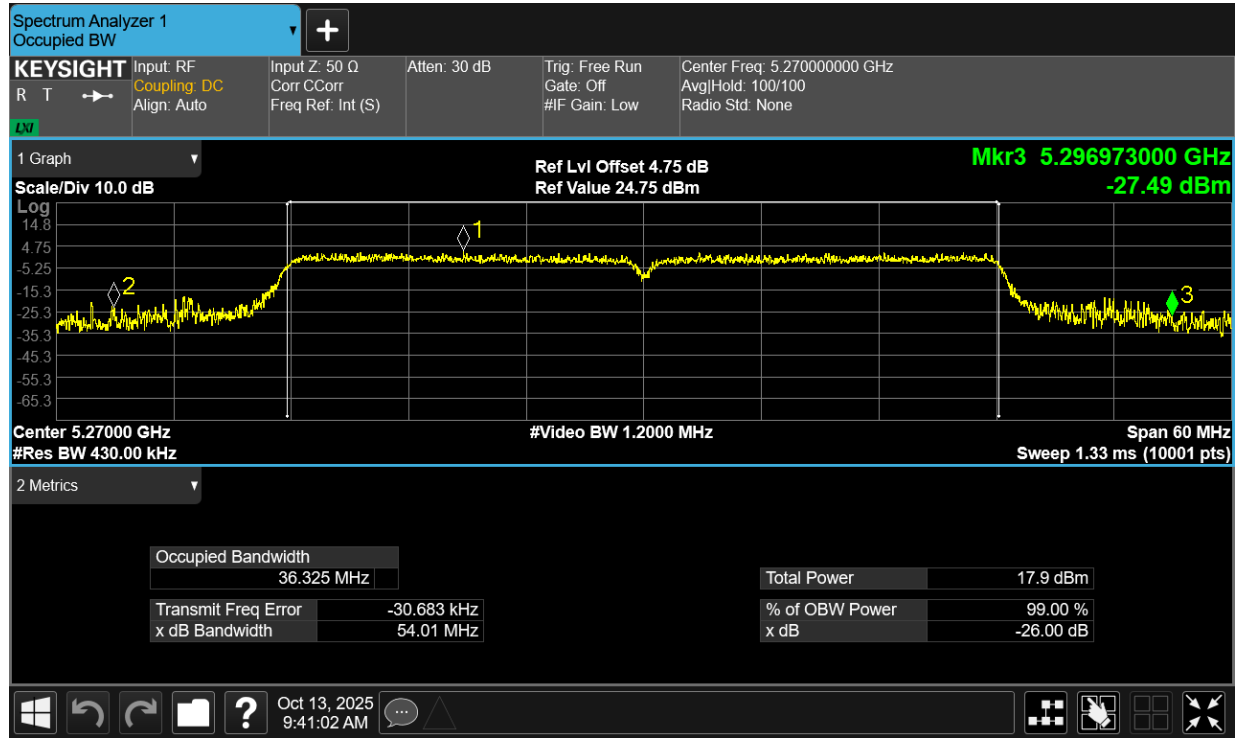
-26dB Bandwidth NVNT ac20 5280MHz Ant1



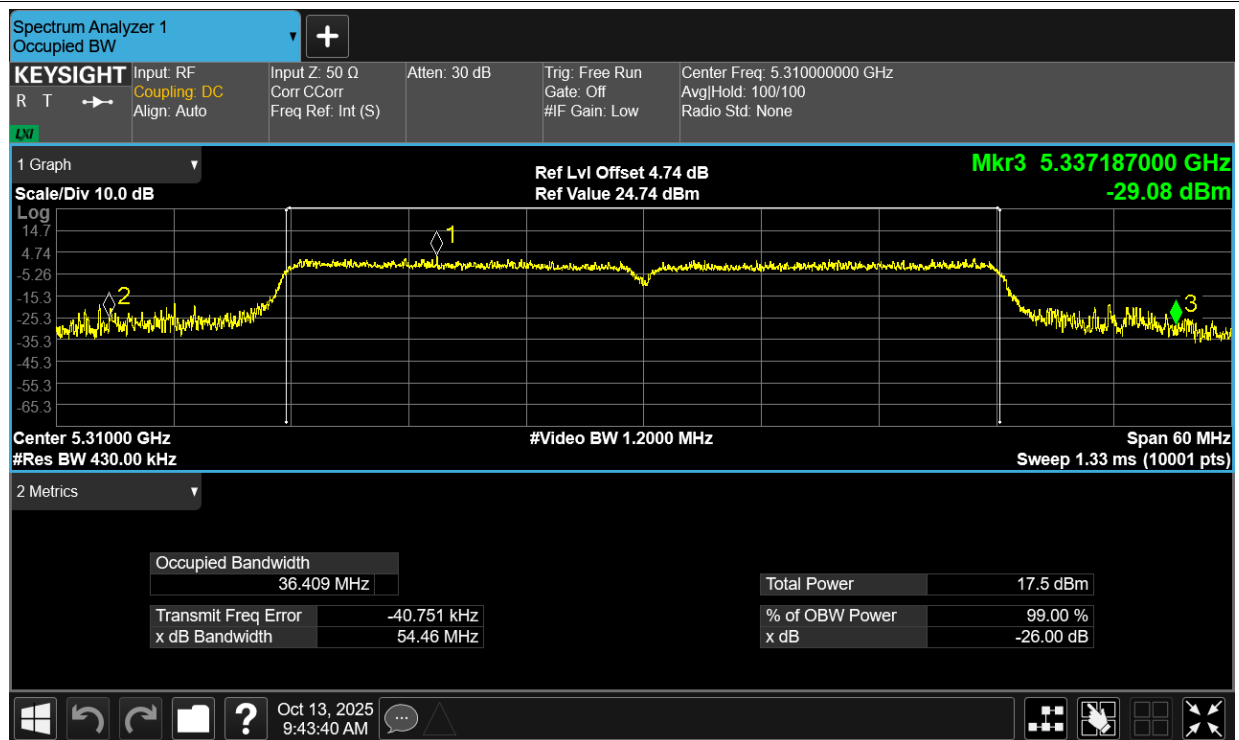
-26dB Bandwidth NVNT ac20 5320MHz Ant1



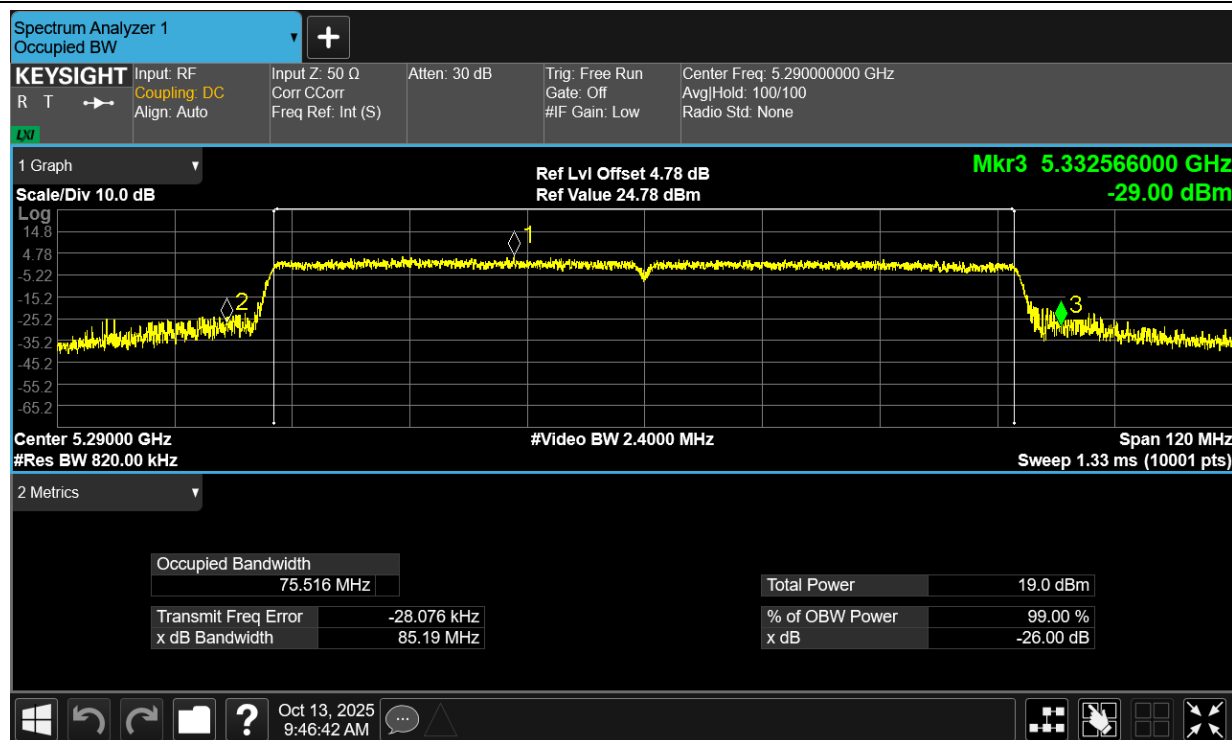
-26dB Bandwidth NVNT ac40 5270MHz Ant1



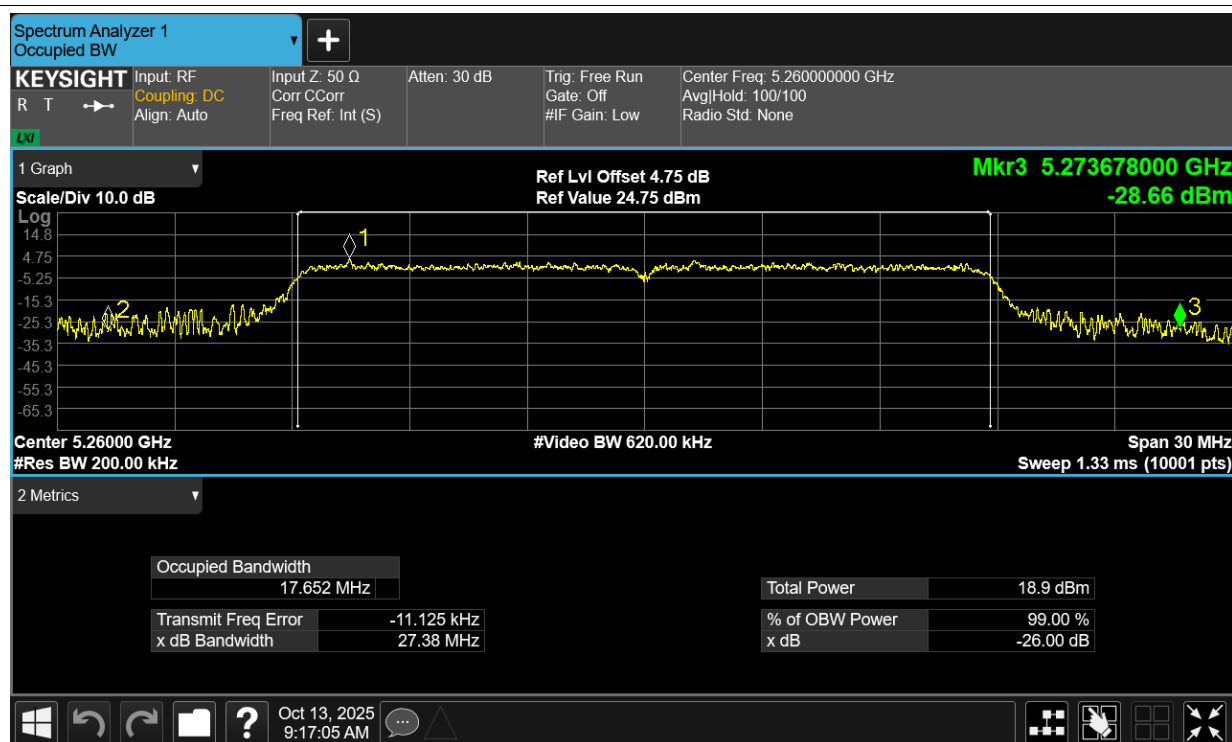
-26dB Bandwidth NVNT ac40 5310MHz Ant1



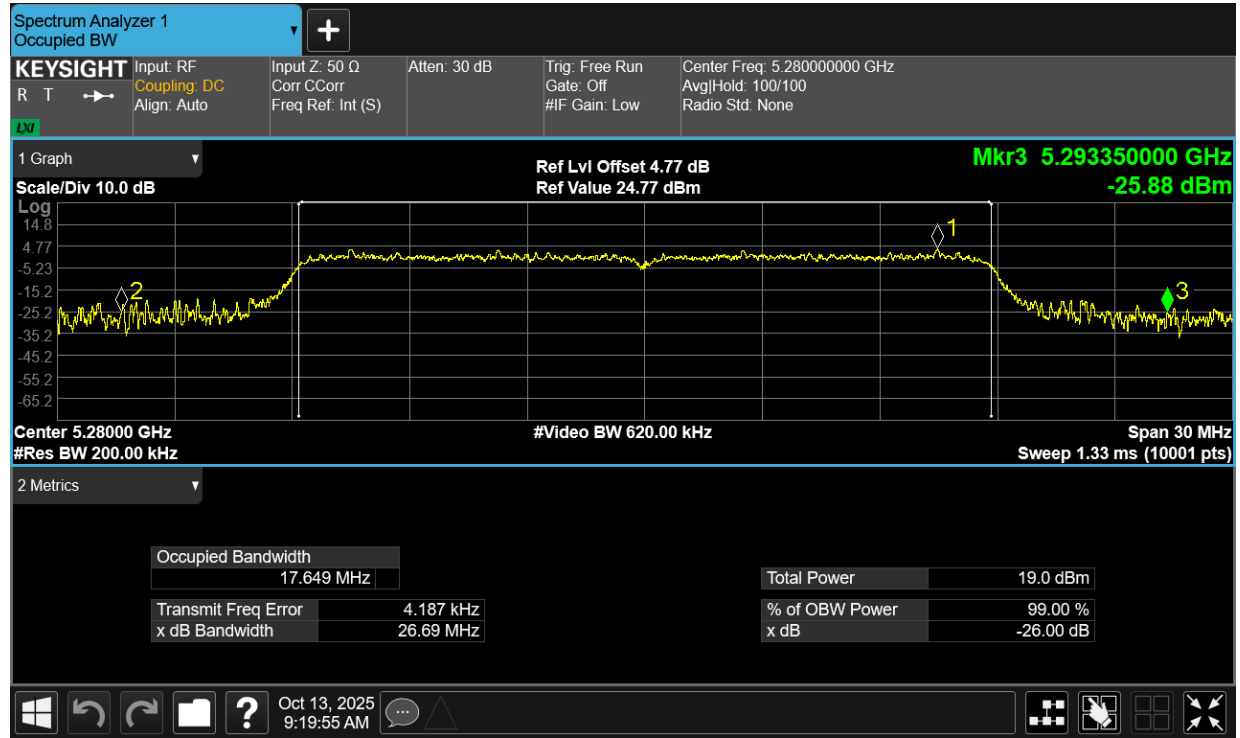
-26dB Bandwidth NVNT ac80 5290MHz Ant1



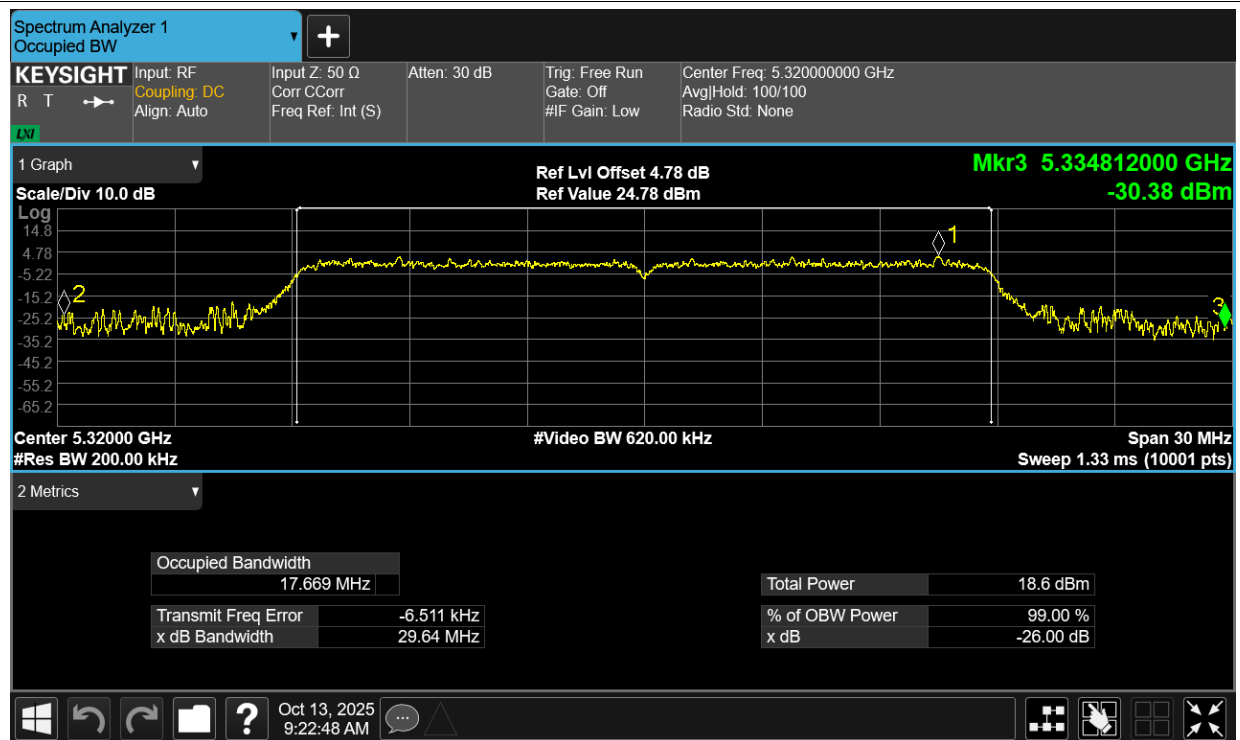
-26dB Bandwidth NVNT n20 5260MHz Ant1



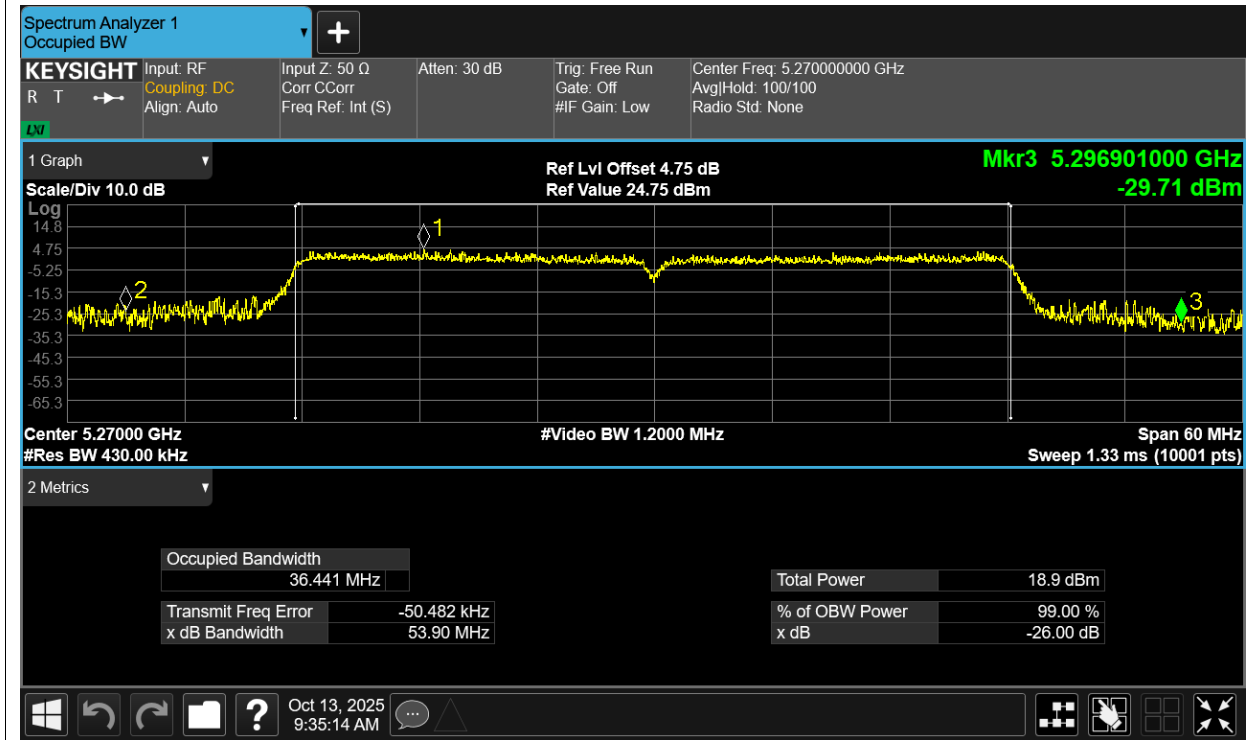
-26dB Bandwidth NVNT n20 5280MHz Ant1



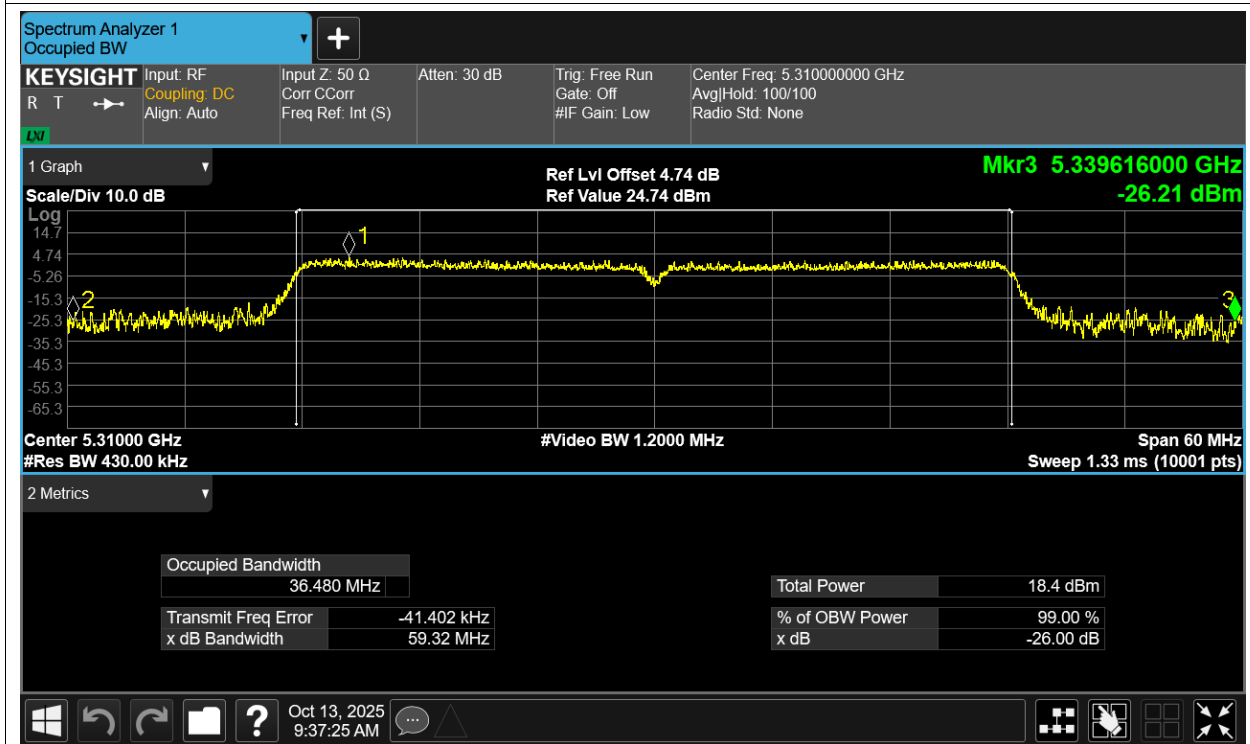
-26dB Bandwidth NVNT n20 5320MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant1



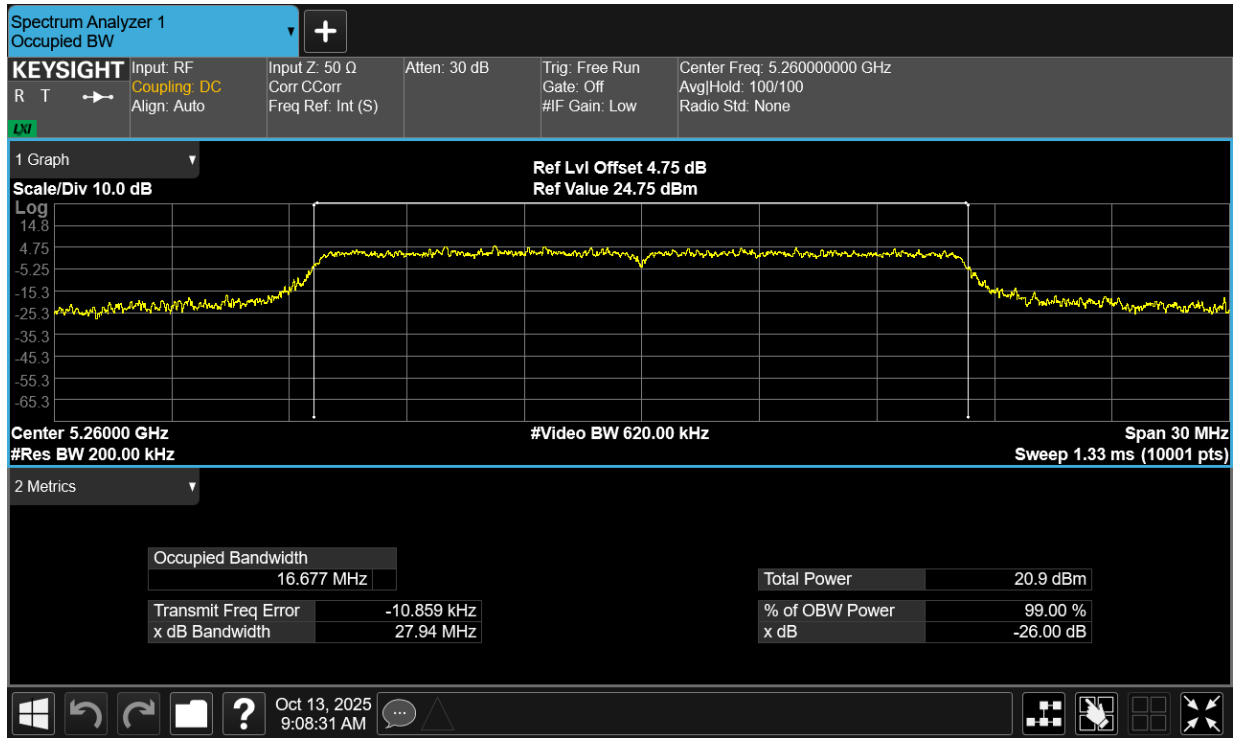


Occupied Channel Bandwidth

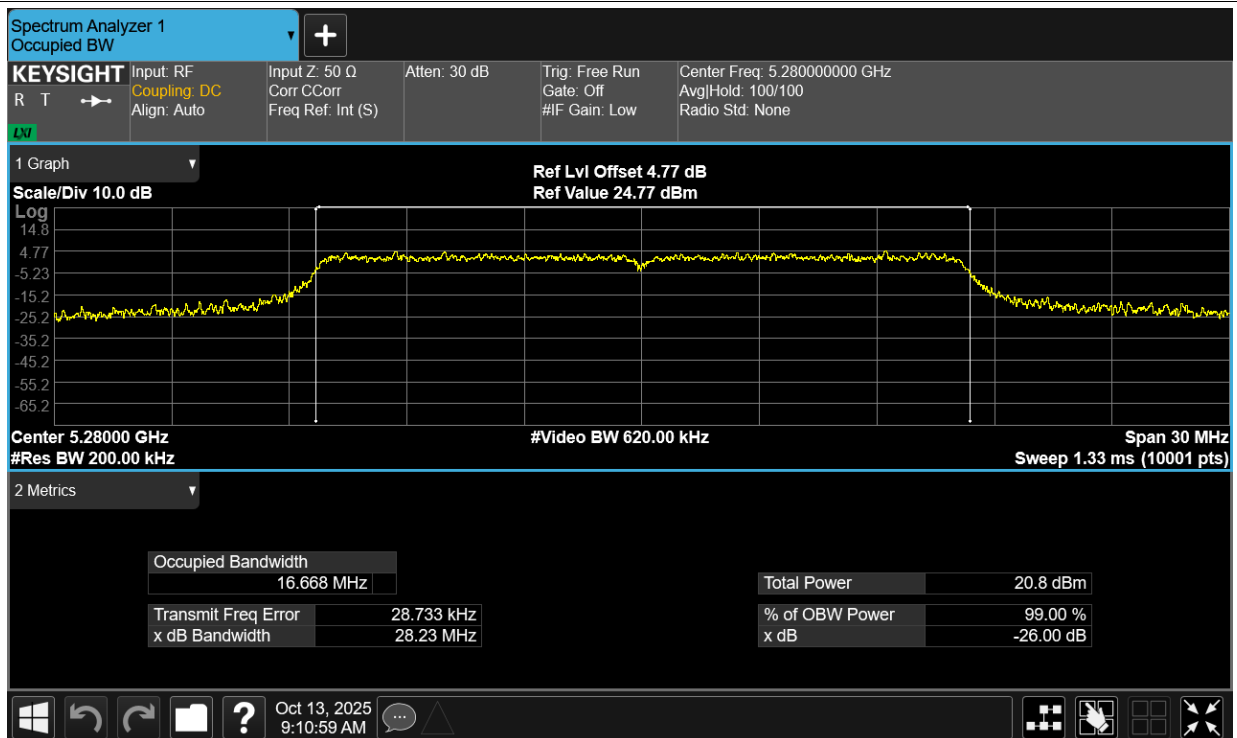
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.677
NVNT	a	5280	Ant1	16.668
NVNT	a	5320	Ant1	16.663
NVNT	ac20	5260	Ant1	17.616
NVNT	ac20	5280	Ant1	17.646
NVNT	ac20	5320	Ant1	17.618
NVNT	ac40	5270	Ant1	36.307
NVNT	ac40	5310	Ant1	36.424
NVNT	ac80	5290	Ant1	75.572
NVNT	n20	5260	Ant1	17.647
NVNT	n20	5280	Ant1	17.631
NVNT	n20	5320	Ant1	17.667
NVNT	n40	5270	Ant1	36.386
NVNT	n40	5310	Ant1	36.408

Test Graphs

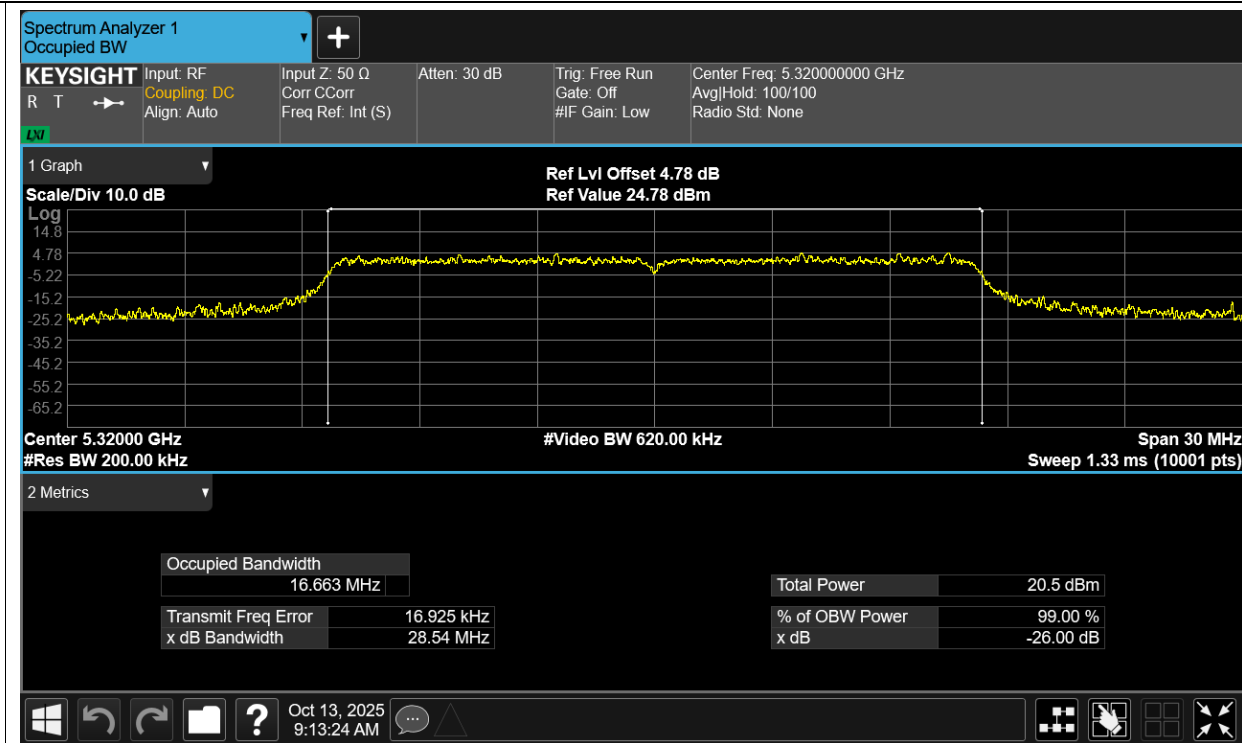
OBW NVNT a 5260MHz Ant1



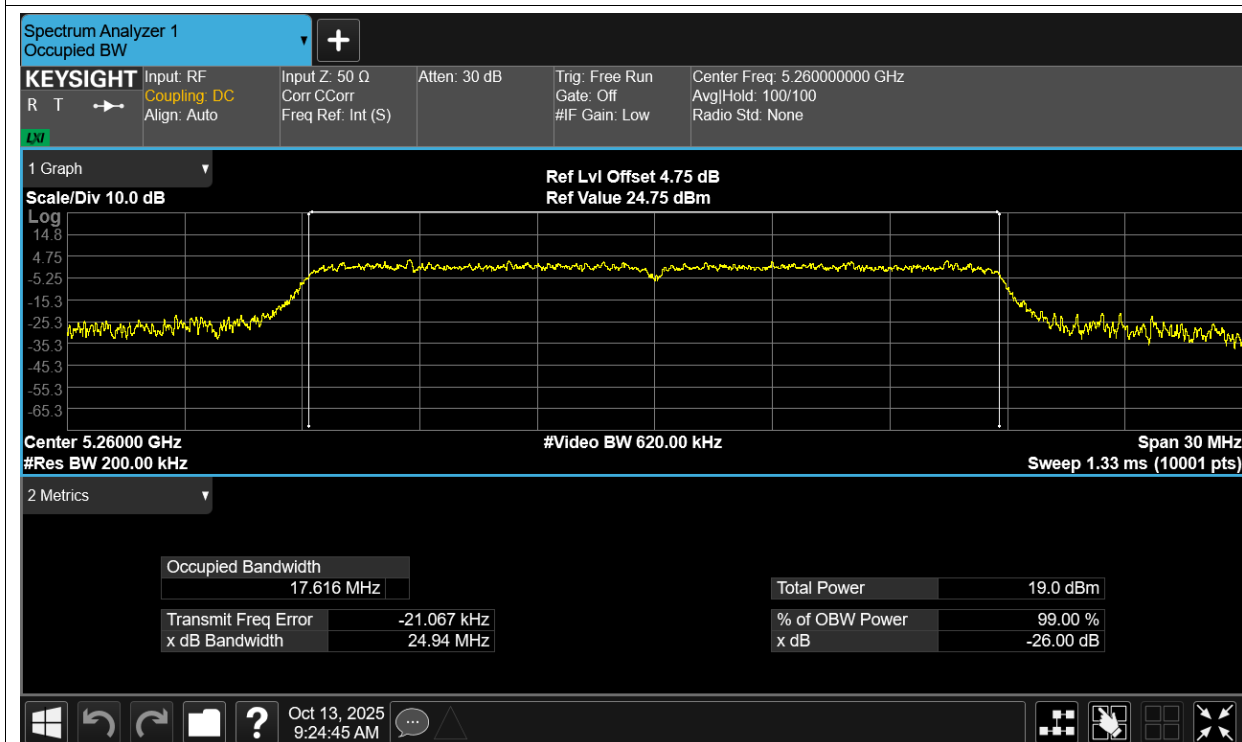
OBW NVNT a 5280MHz Ant1



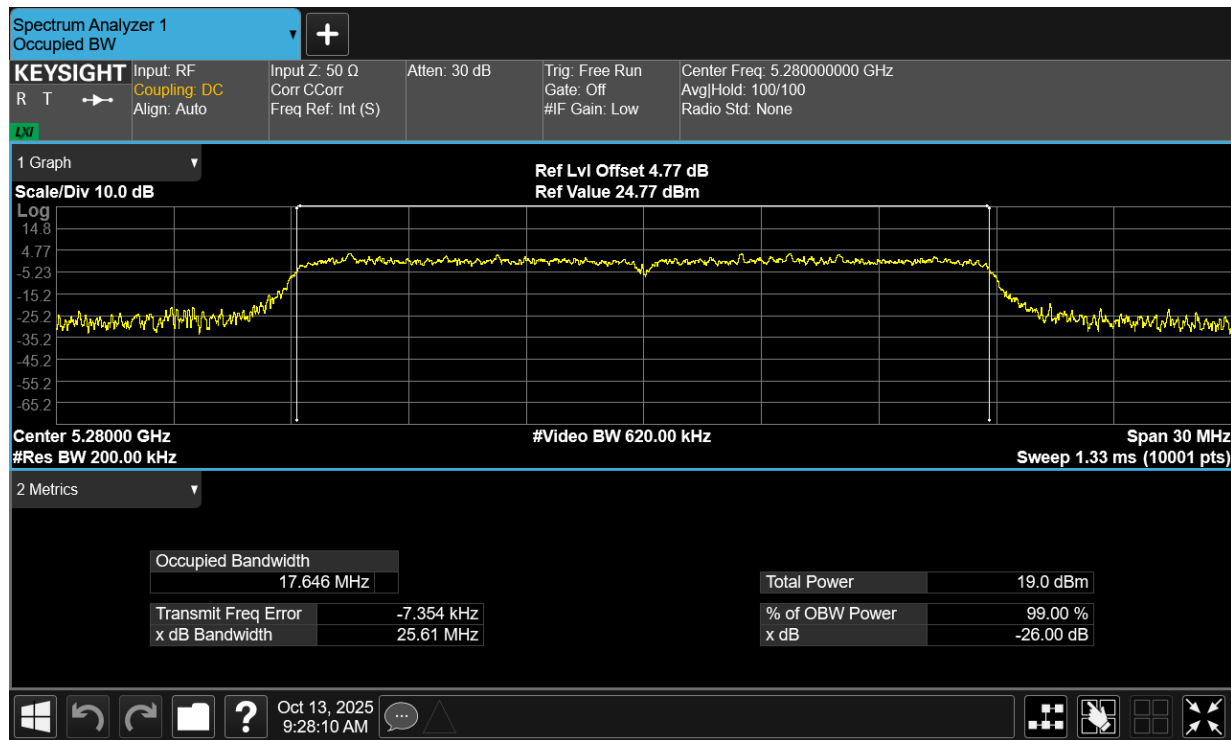
OBW NVNT a 5320MHz Ant1



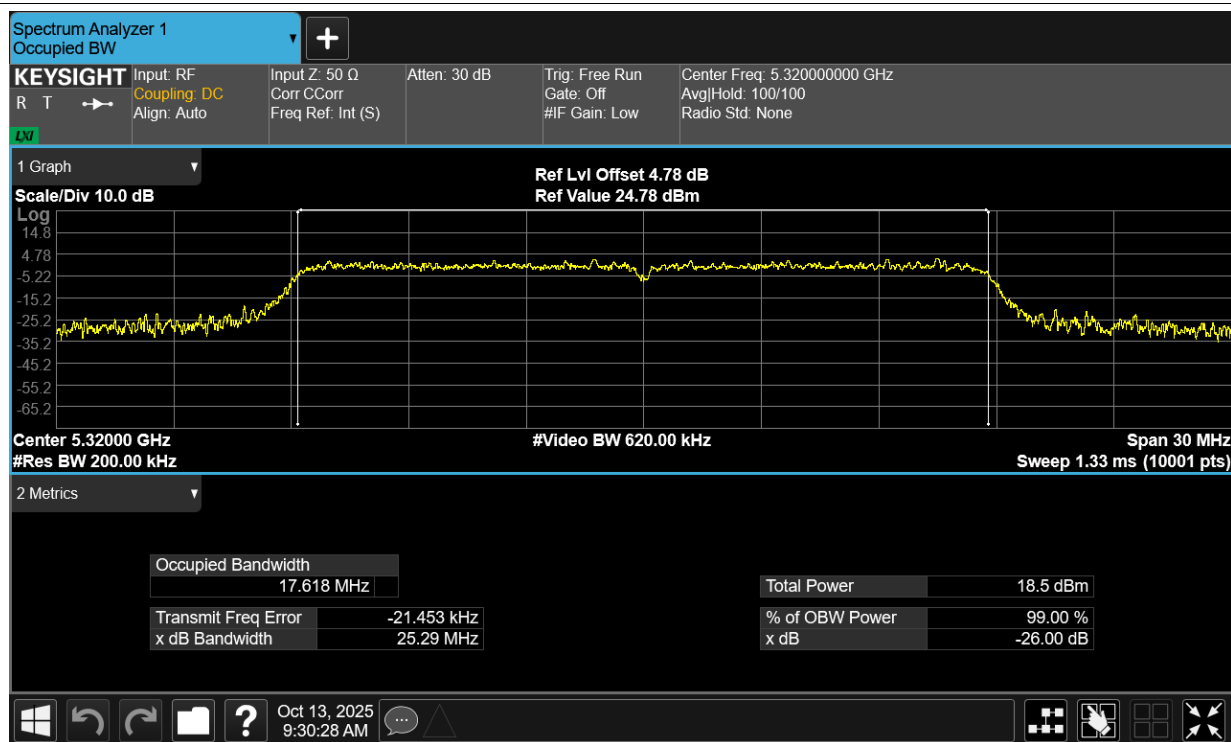
OBW NVNT ac20 5260MHz Ant1



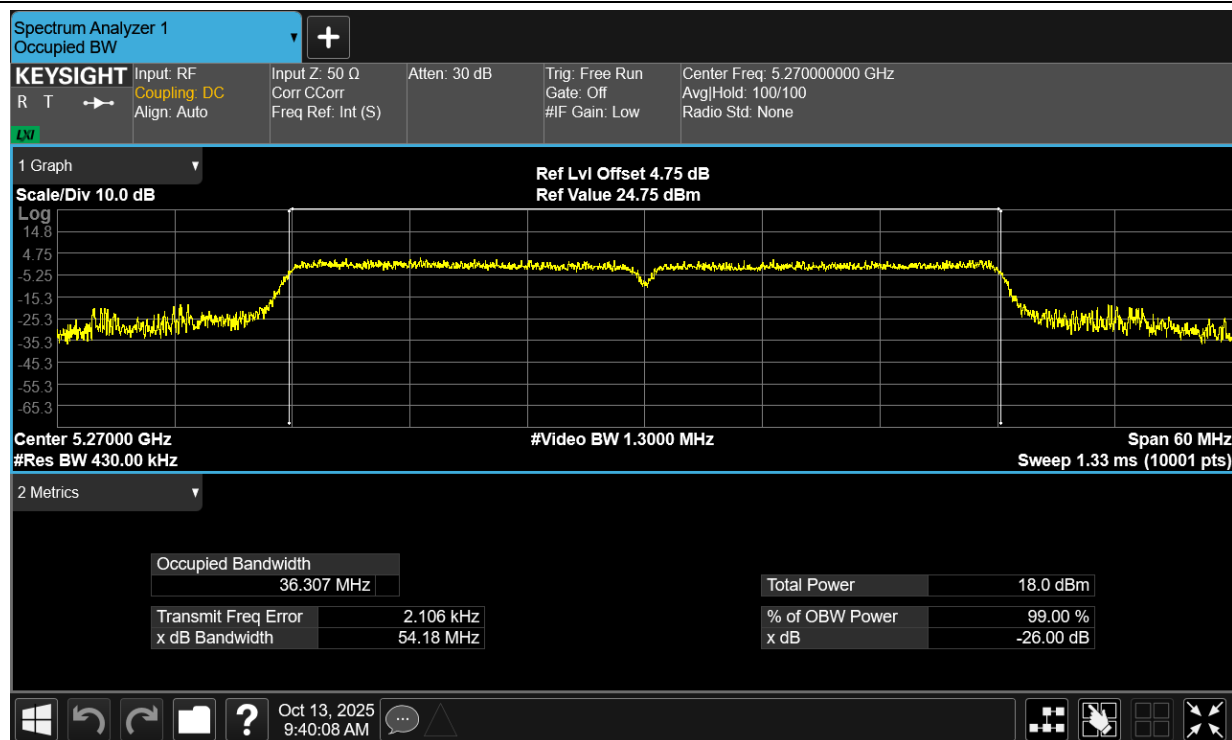
OBW NVNT ac20 5280MHz Ant1



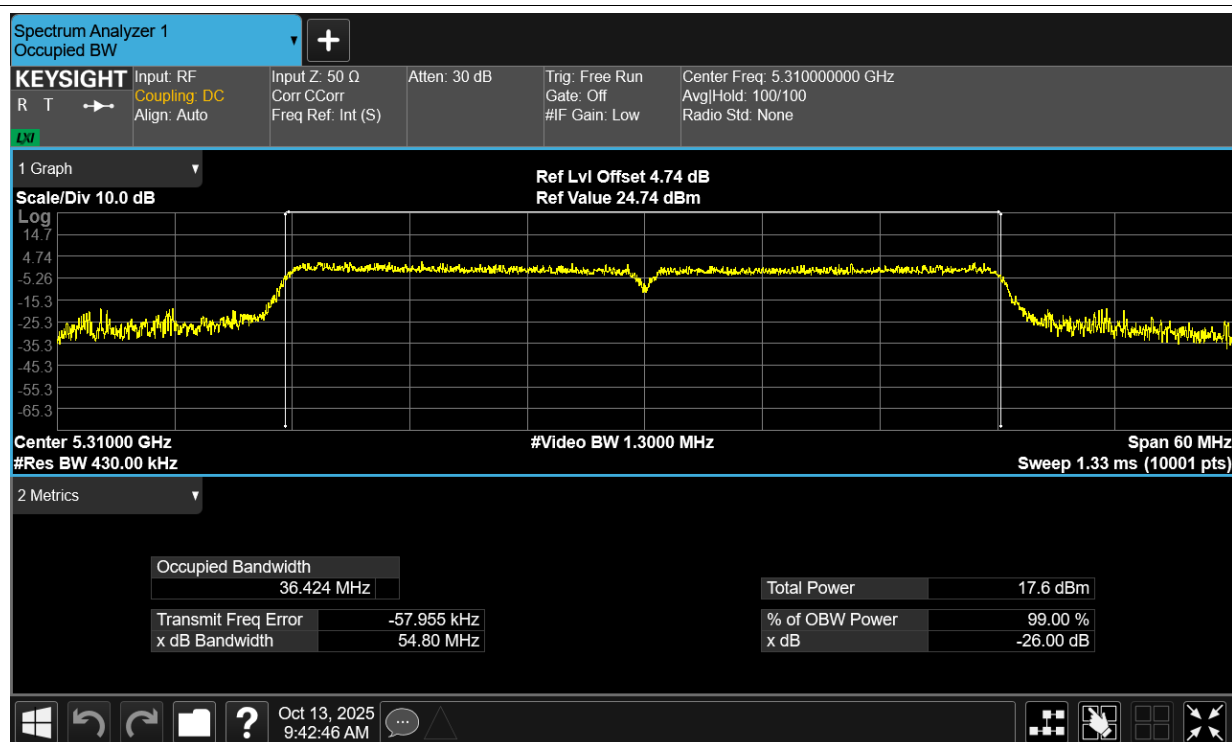
OBW NVNT ac20 5320MHz Ant1



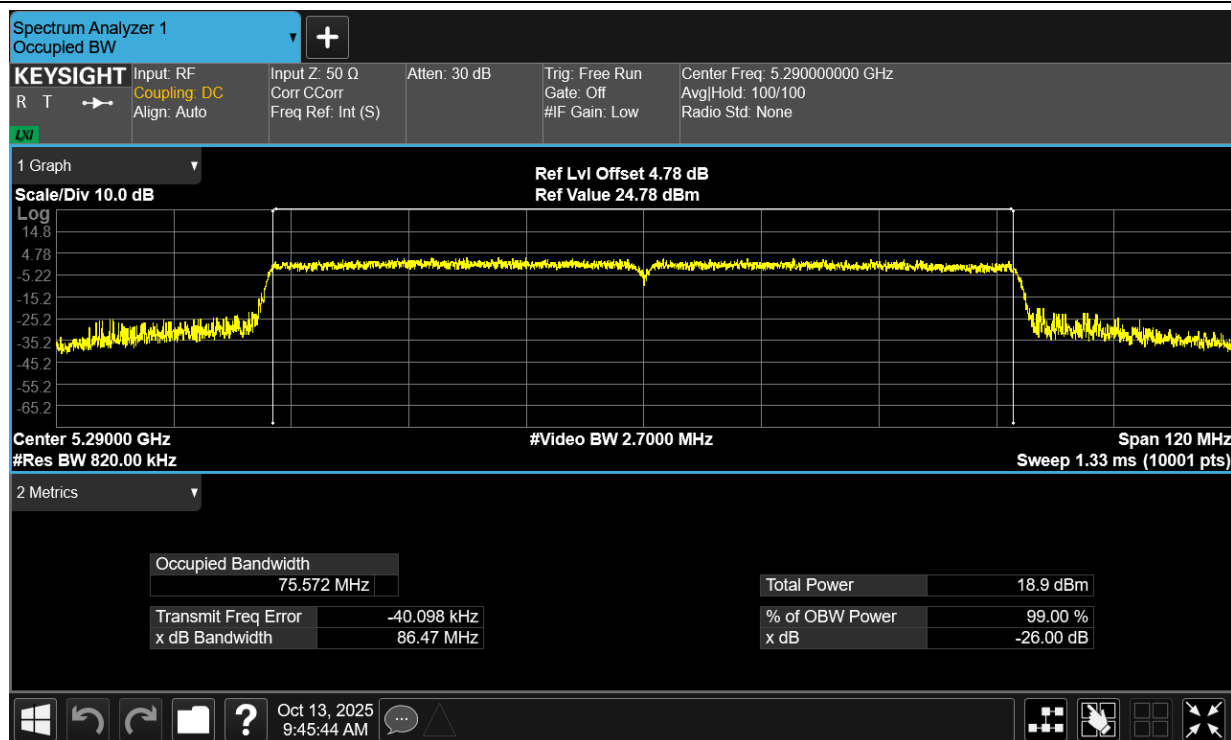
OBW NVNT ac40 5270MHz Ant1



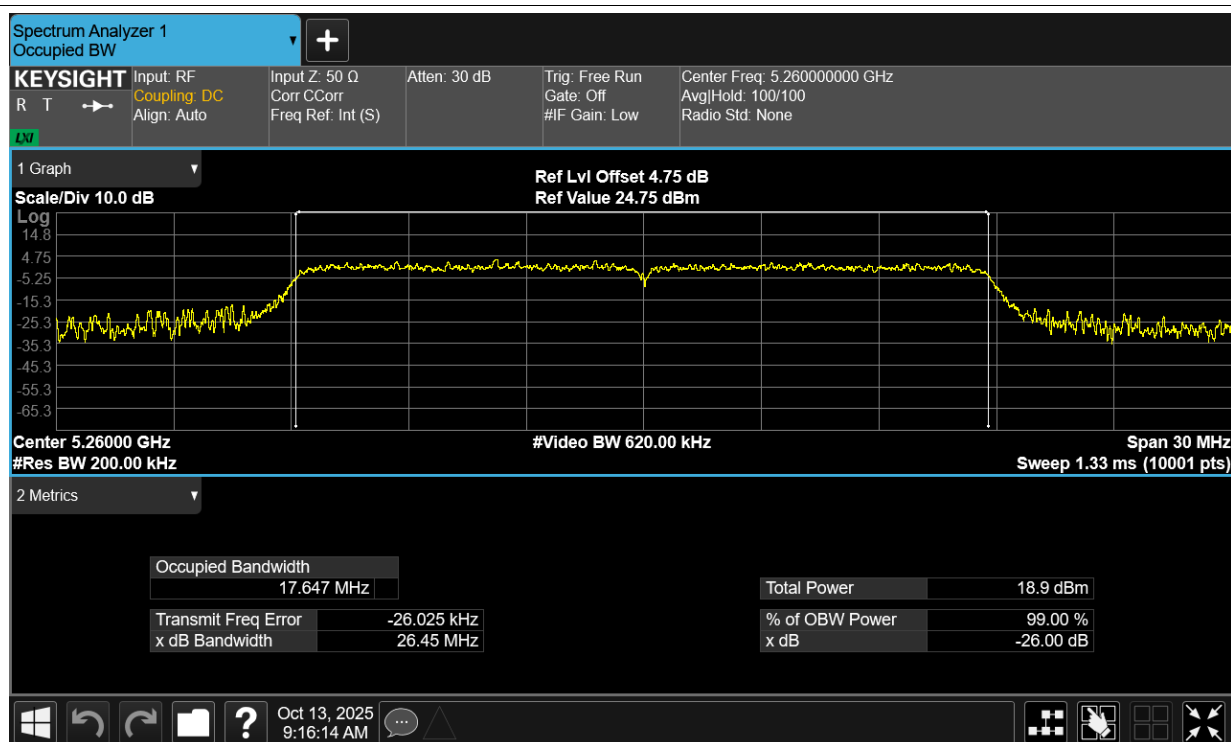
OBW NVNT ac40 5310MHz Ant1



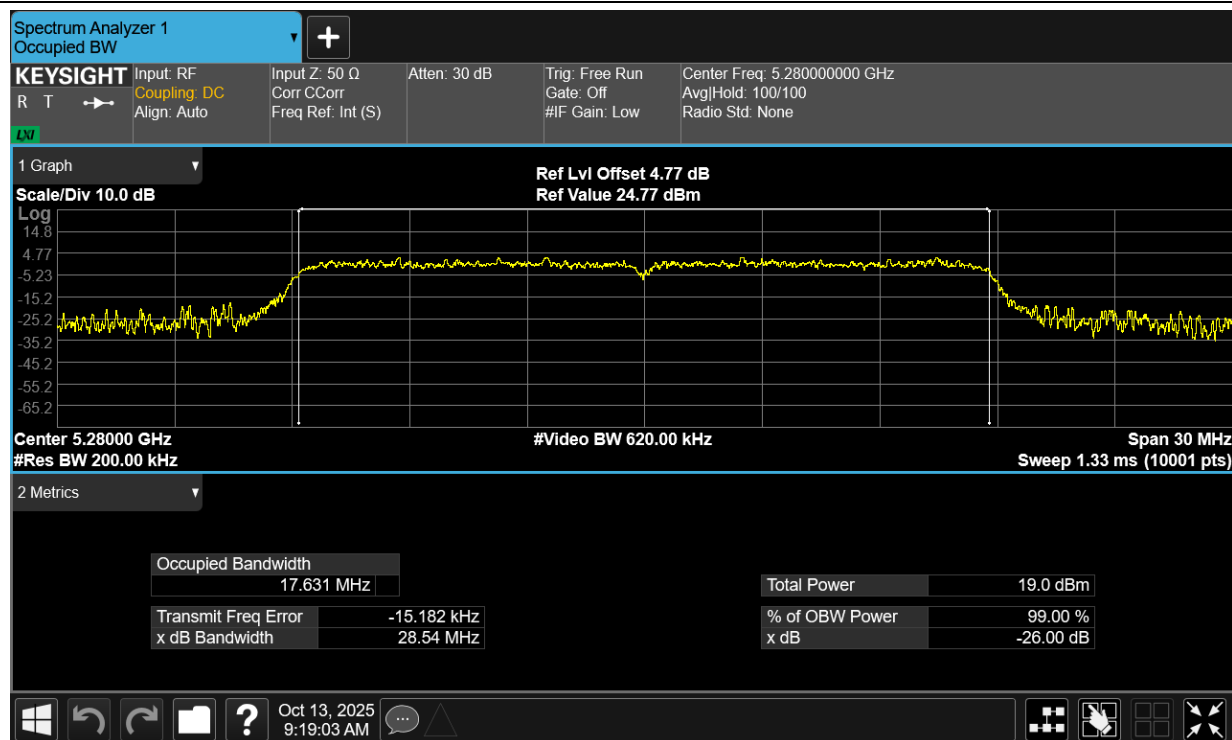
OBW NVNT ac80 5290MHz Ant1



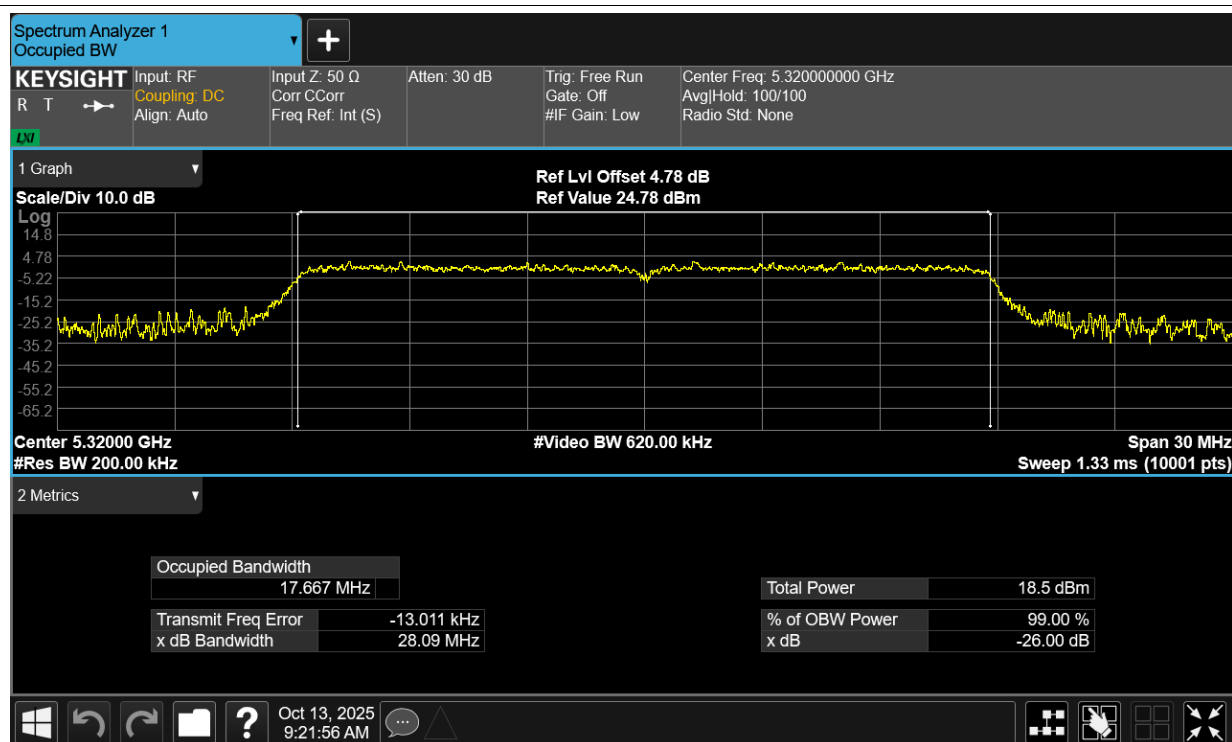
OBW NVNT n20 5260MHz Ant1



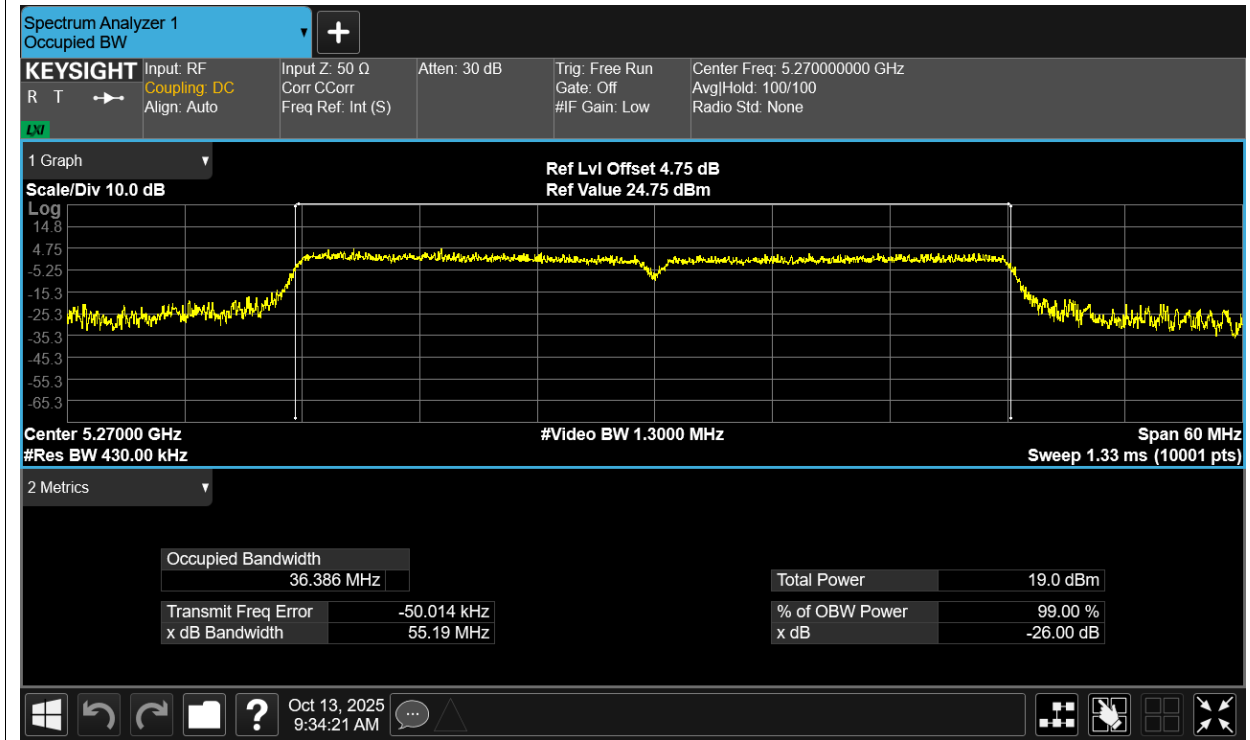
OBW NVNT n20 5280MHz Ant1



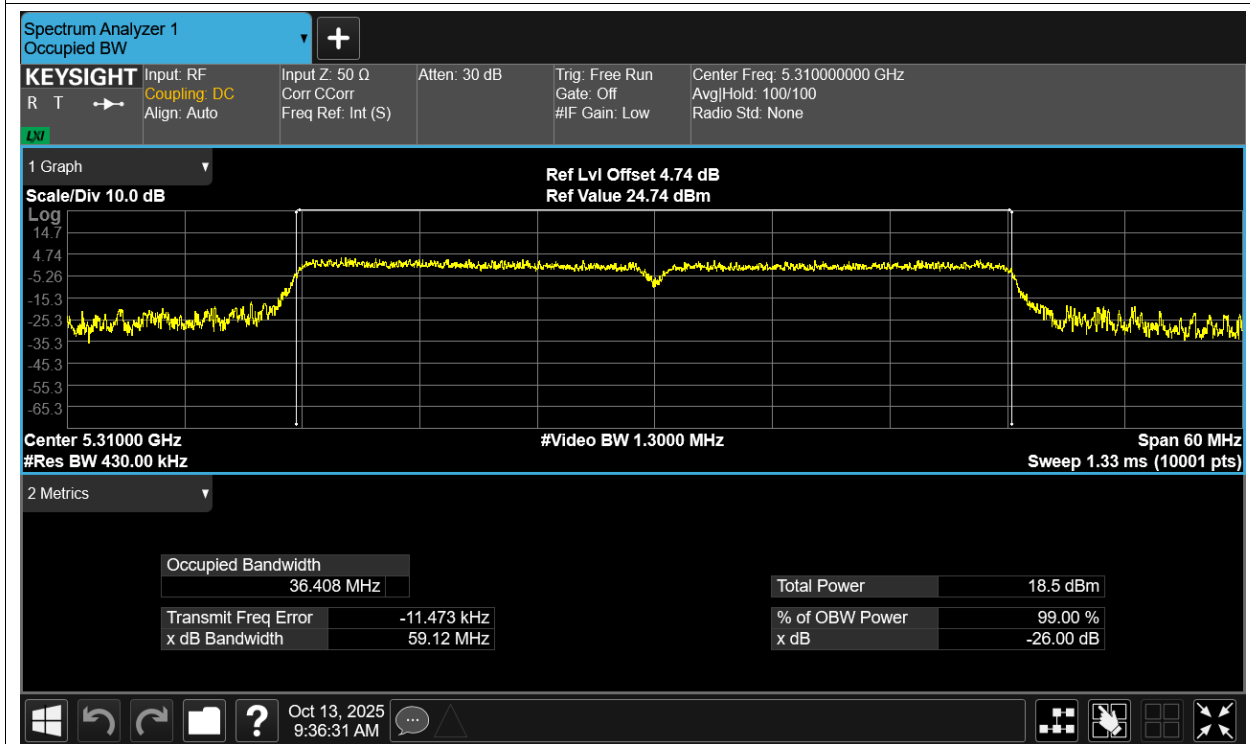
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1



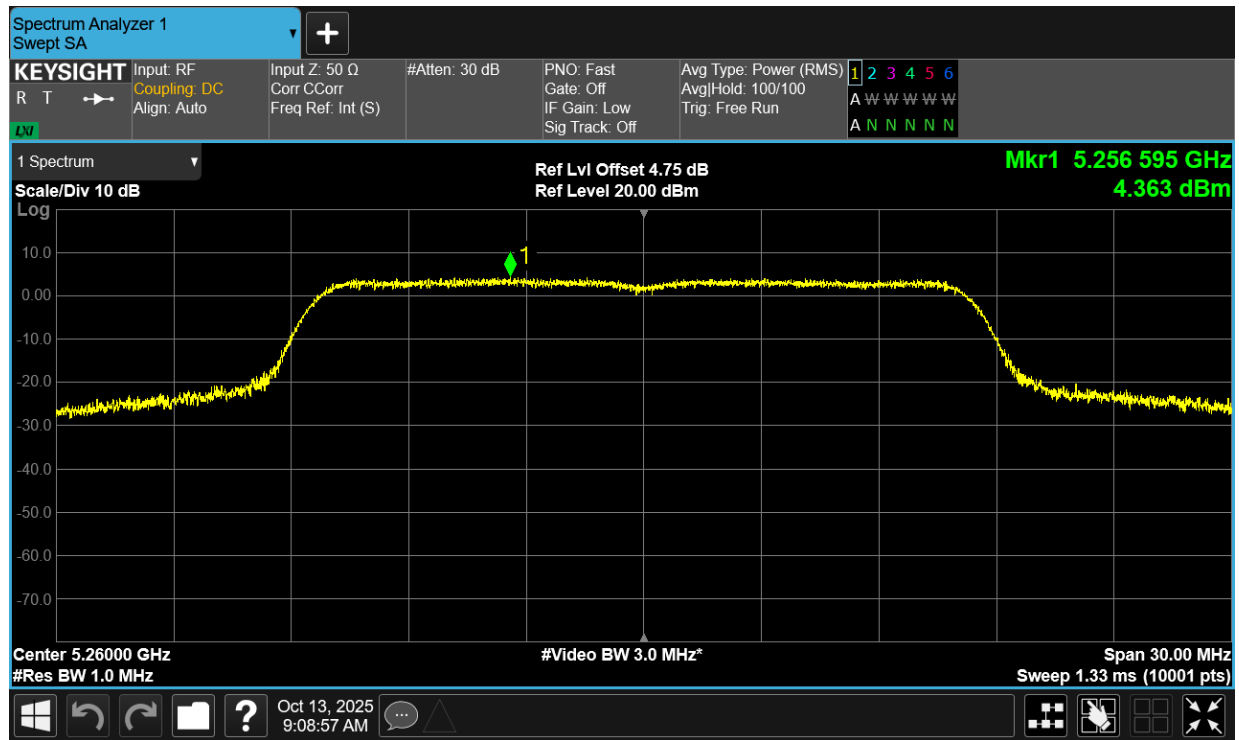


Maximum Power Spectral Density Level

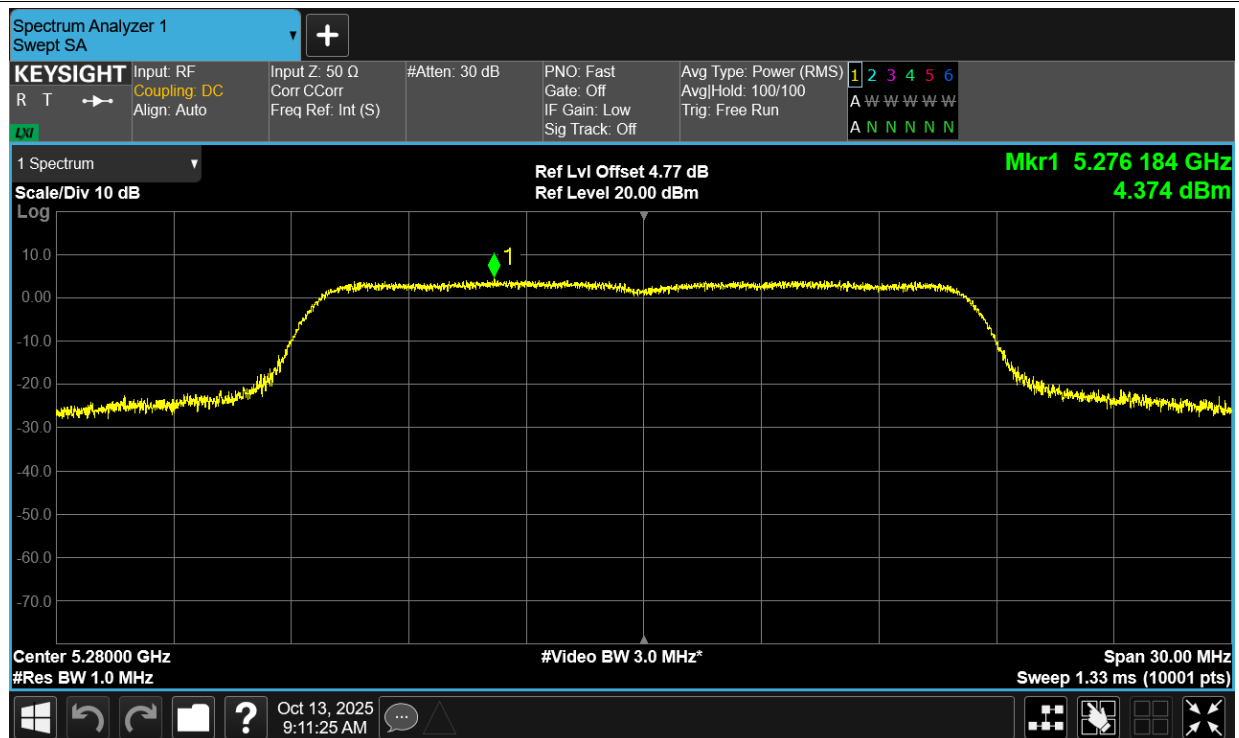
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	4.363	11	Pass
NVNT	a	5280	Ant1	4.374	11	Pass
NVNT	a	5320	Ant1	3.927	11	Pass
NVNT	ac20	5260	Ant1	2.264	11	Pass
NVNT	ac20	5280	Ant1	2.211	11	Pass
NVNT	ac20	5320	Ant1	1.776	11	Pass
NVNT	ac40	5270	Ant1	-2.007	11	Pass
NVNT	ac40	5310	Ant1	-2.44	11	Pass
NVNT	ac80	5290	Ant1	-5.556	11	Pass
NVNT	n20	5260	Ant1	2.281	11	Pass
NVNT	n20	5280	Ant1	2.187	11	Pass
NVNT	n20	5320	Ant1	1.712	11	Pass
NVNT	n40	5270	Ant1	-0.811	11	Pass
NVNT	n40	5310	Ant1	-1.356	11	Pass

Test Graphs

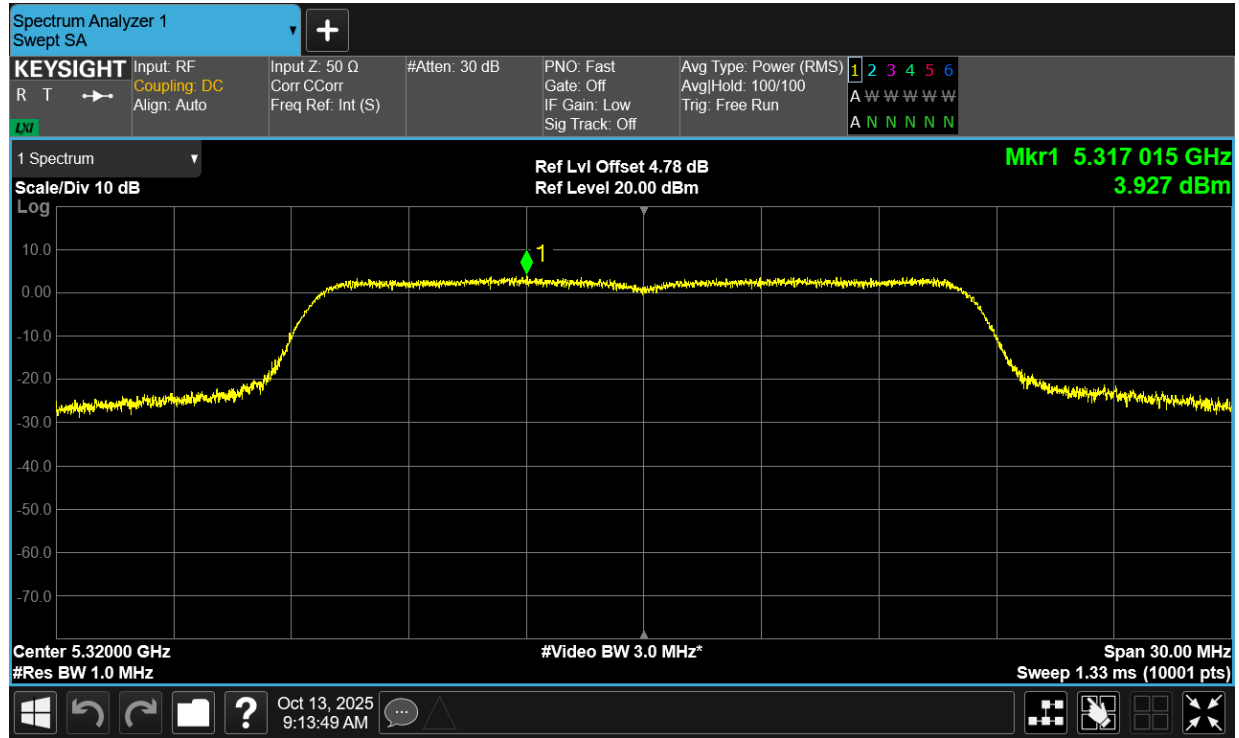
PSD NVNT a 5260MHz Ant1



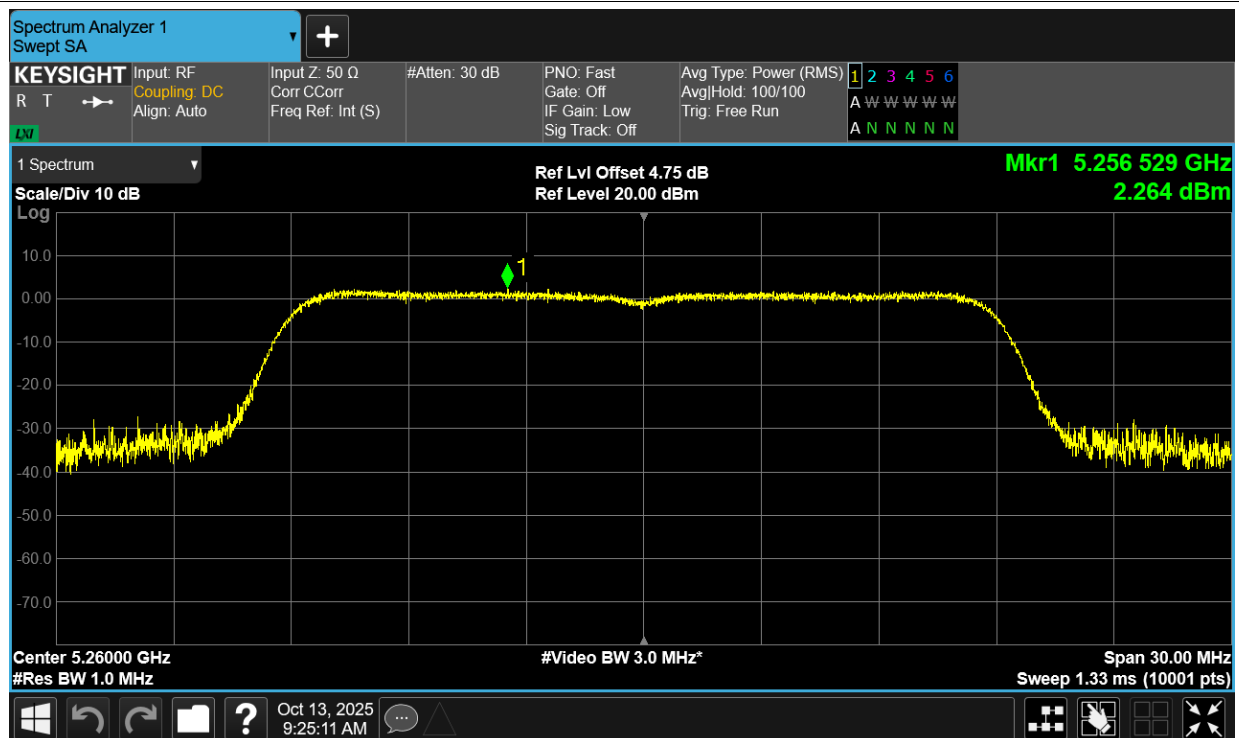
PSD NVNT a 5280MHz Ant1



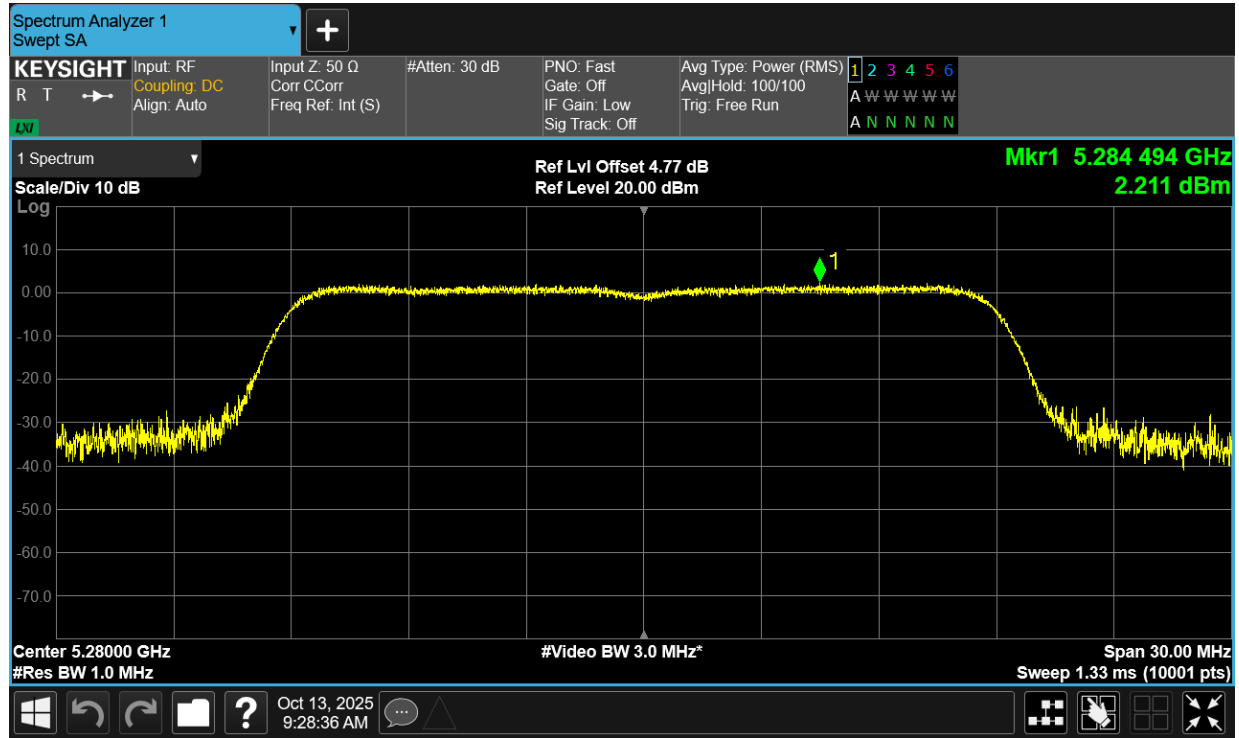
PSD NVNT a 5320MHz Ant1



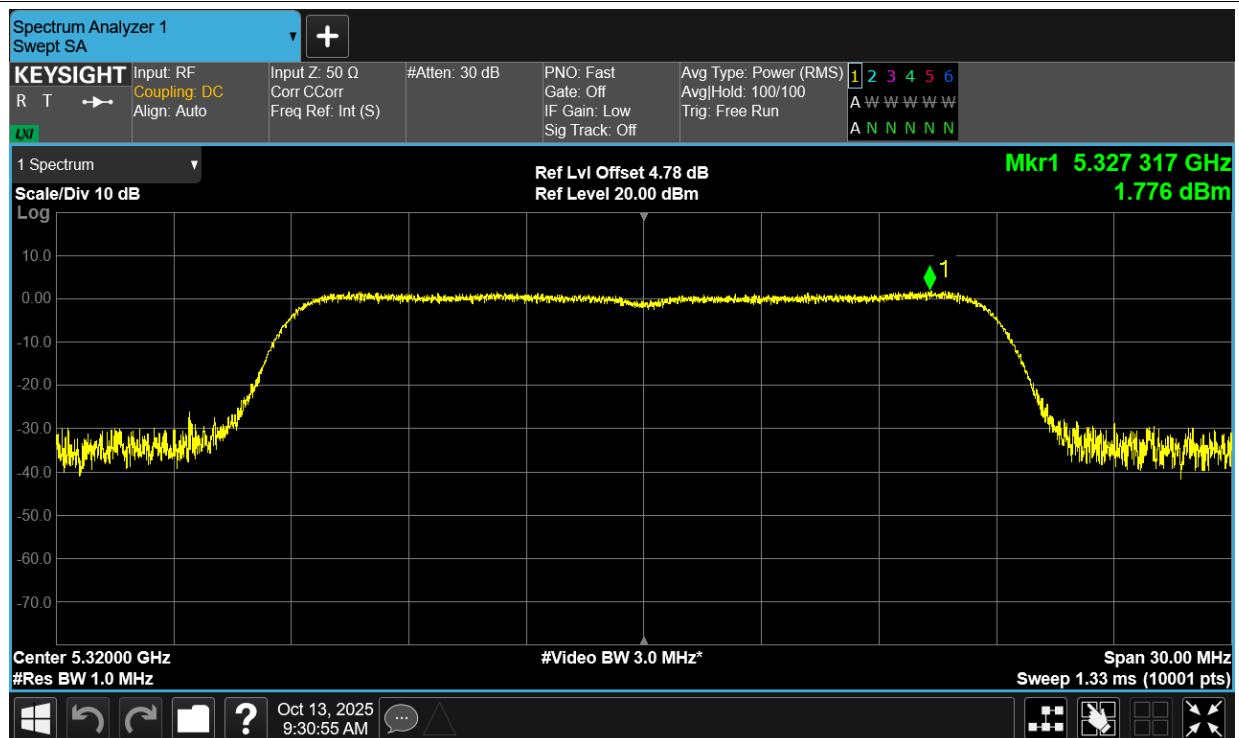
PSD NVNT ac20 5260MHz Ant1



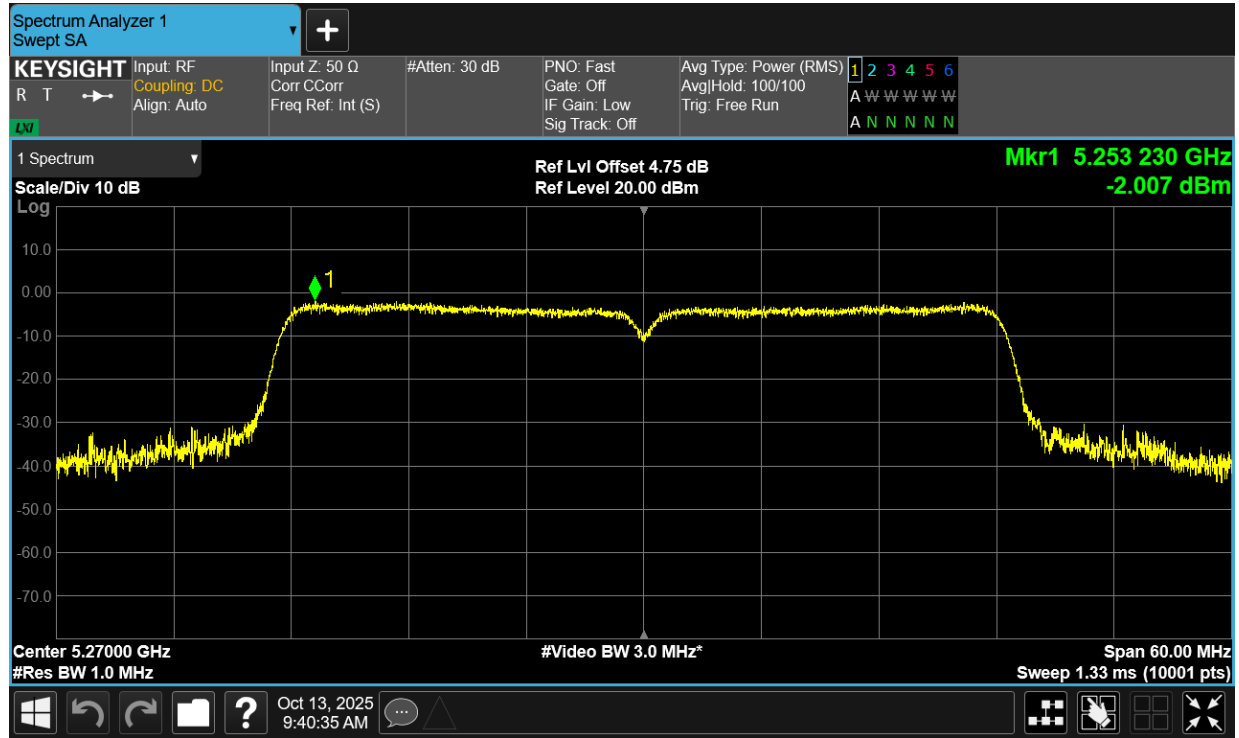
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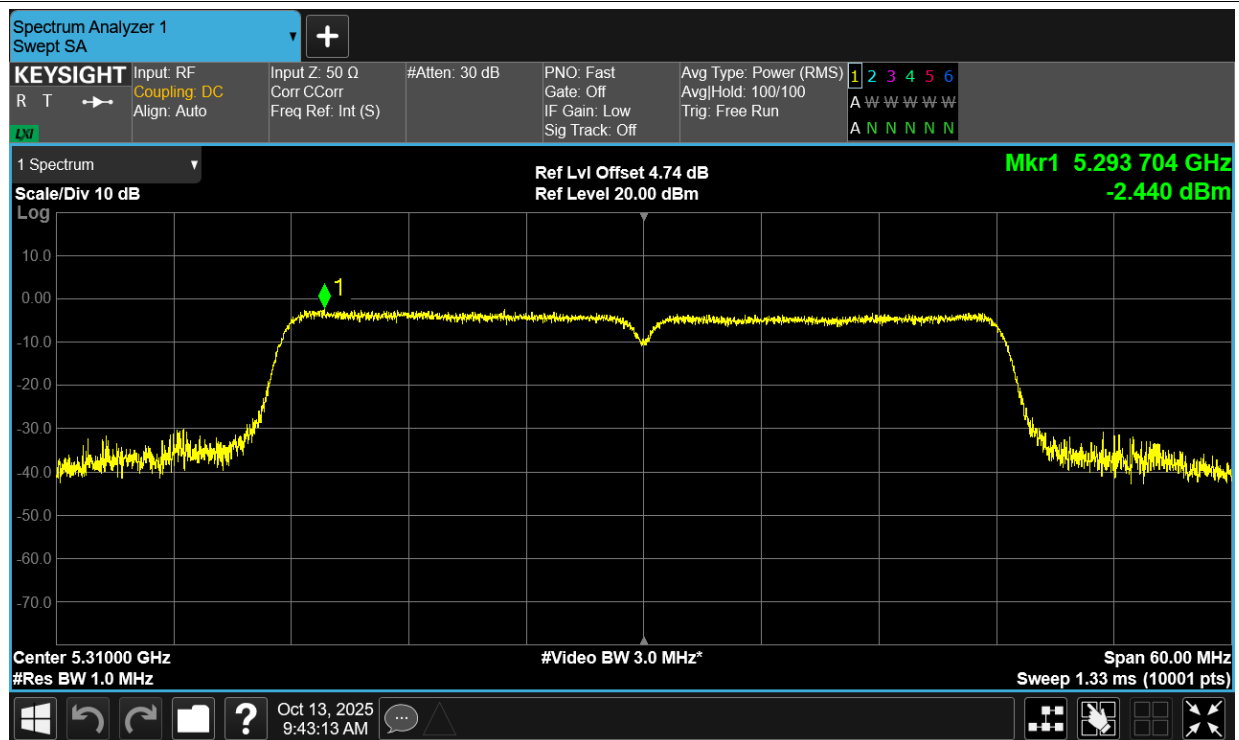
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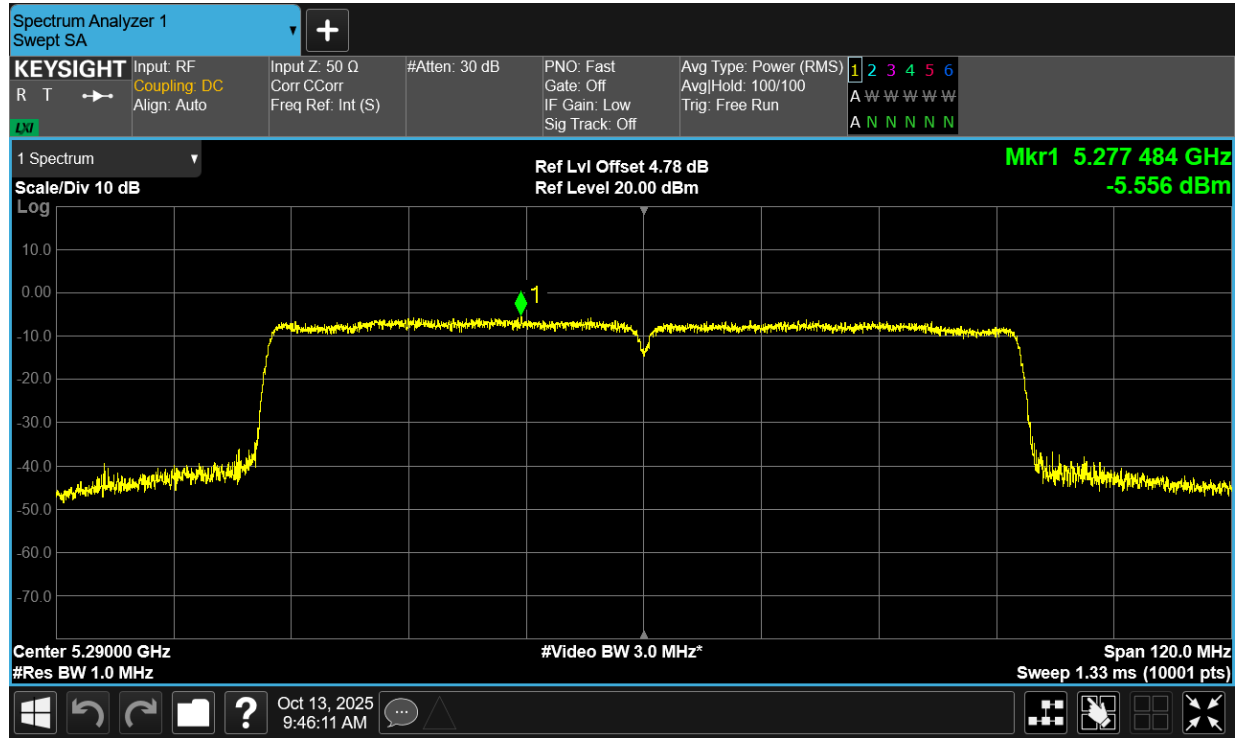
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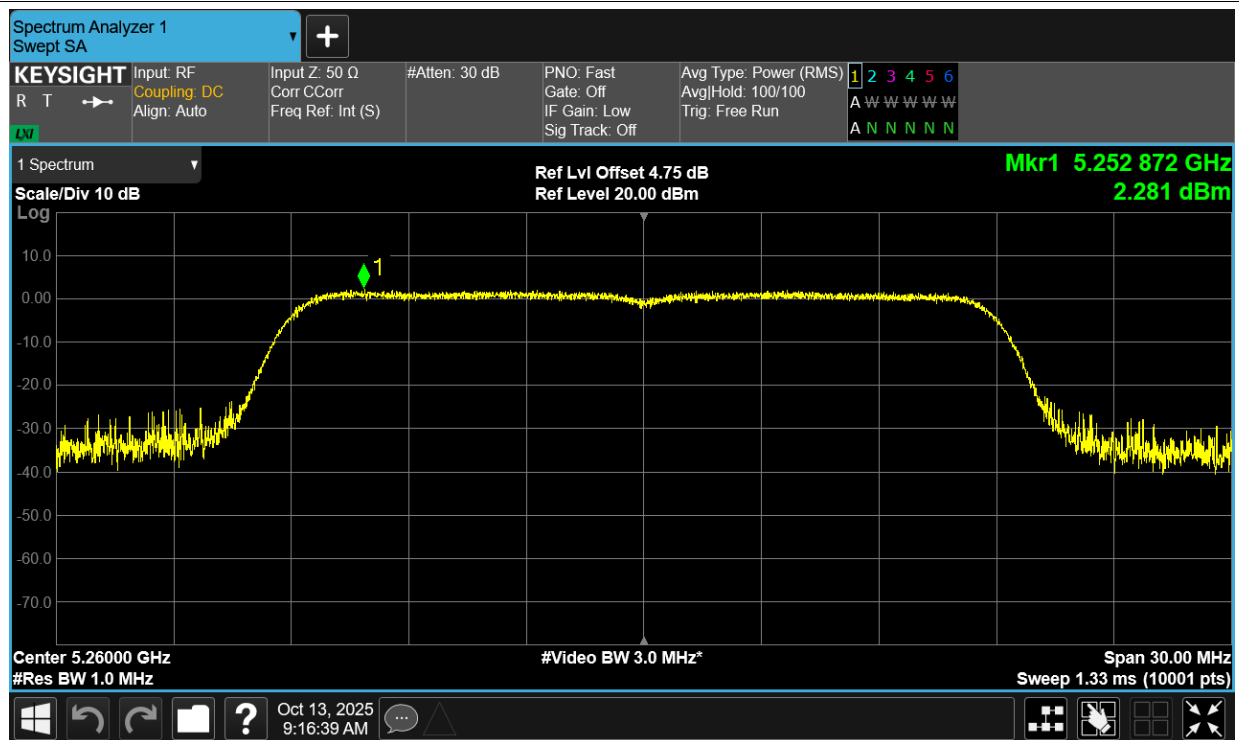
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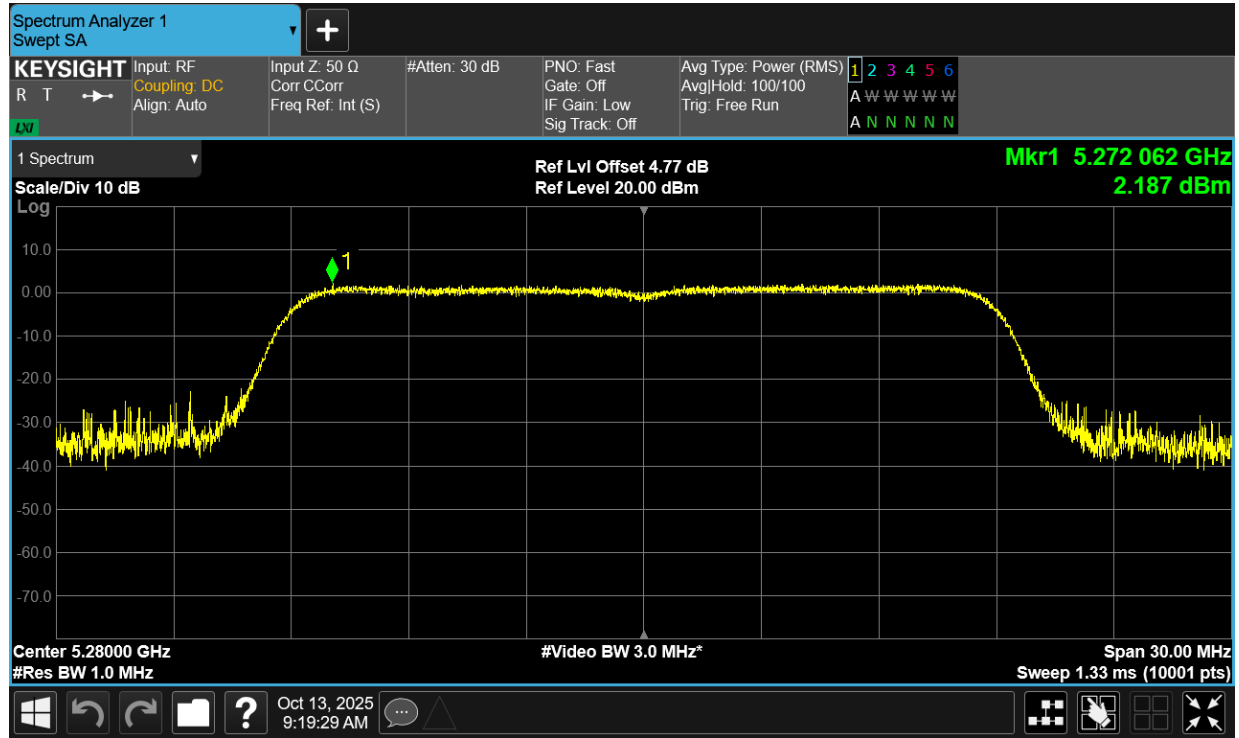
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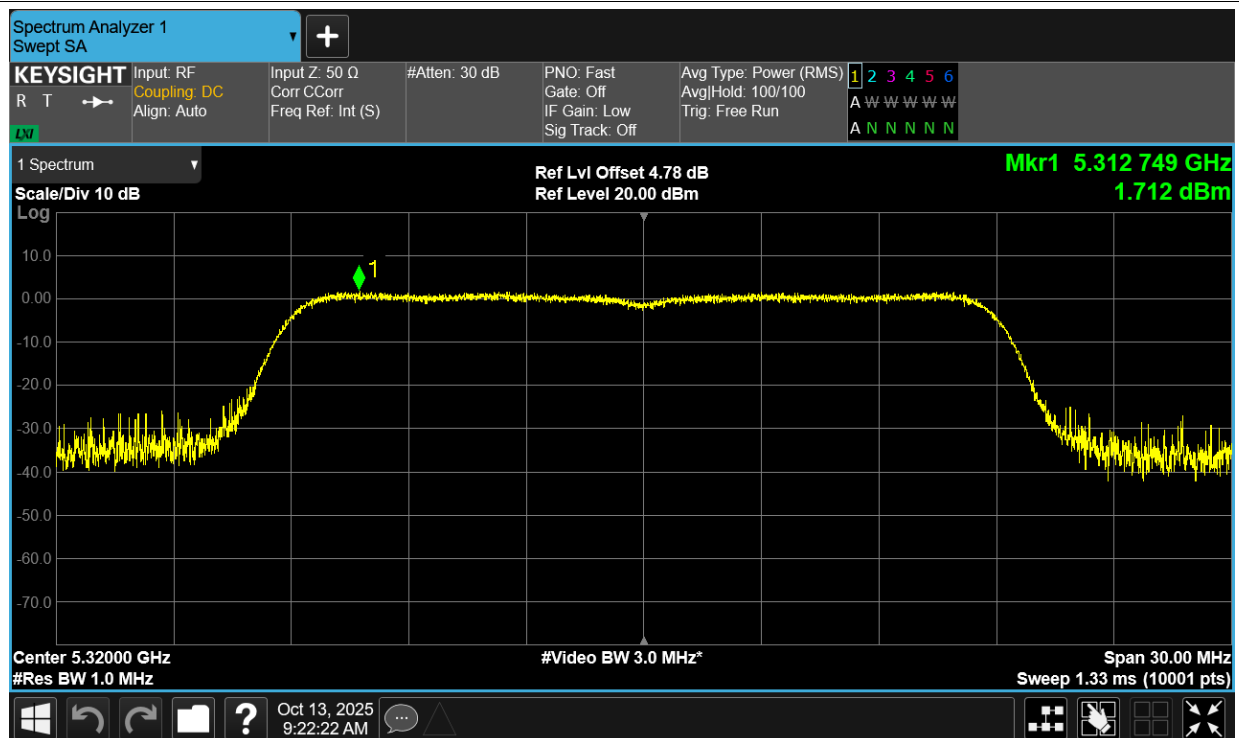
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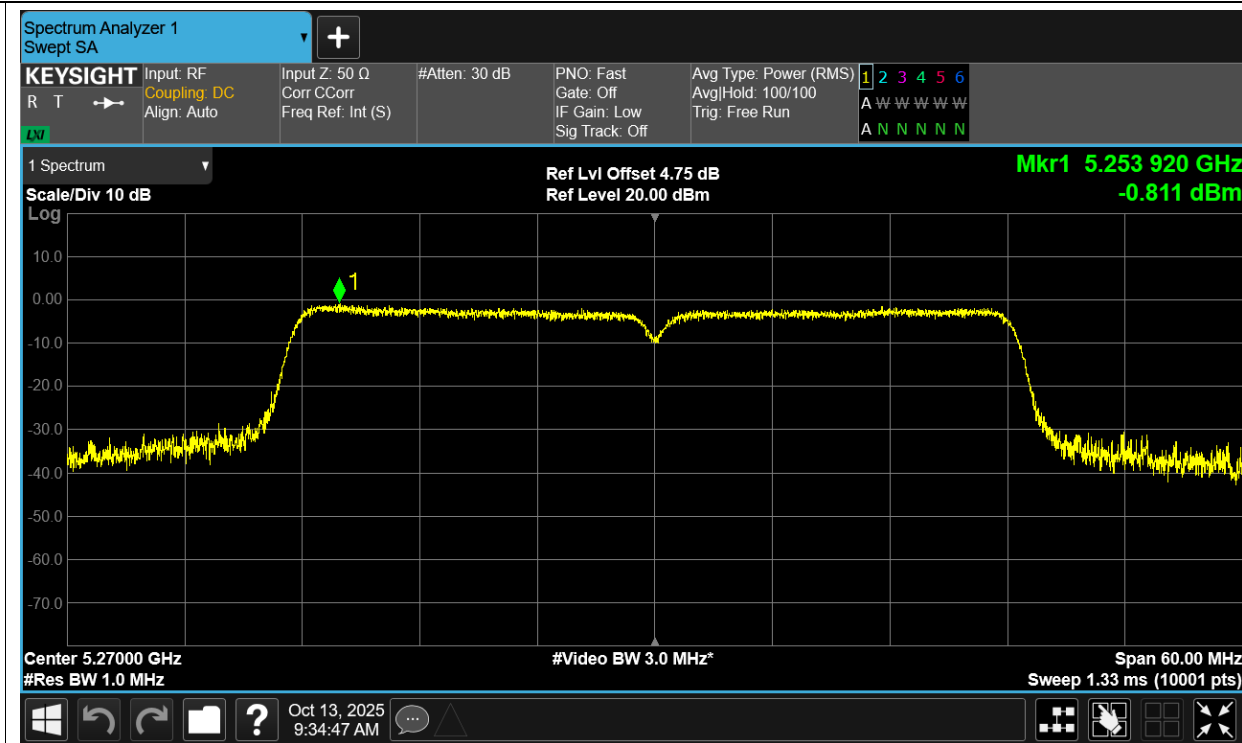
PSD NVNT n20 5280MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

