

Test Data

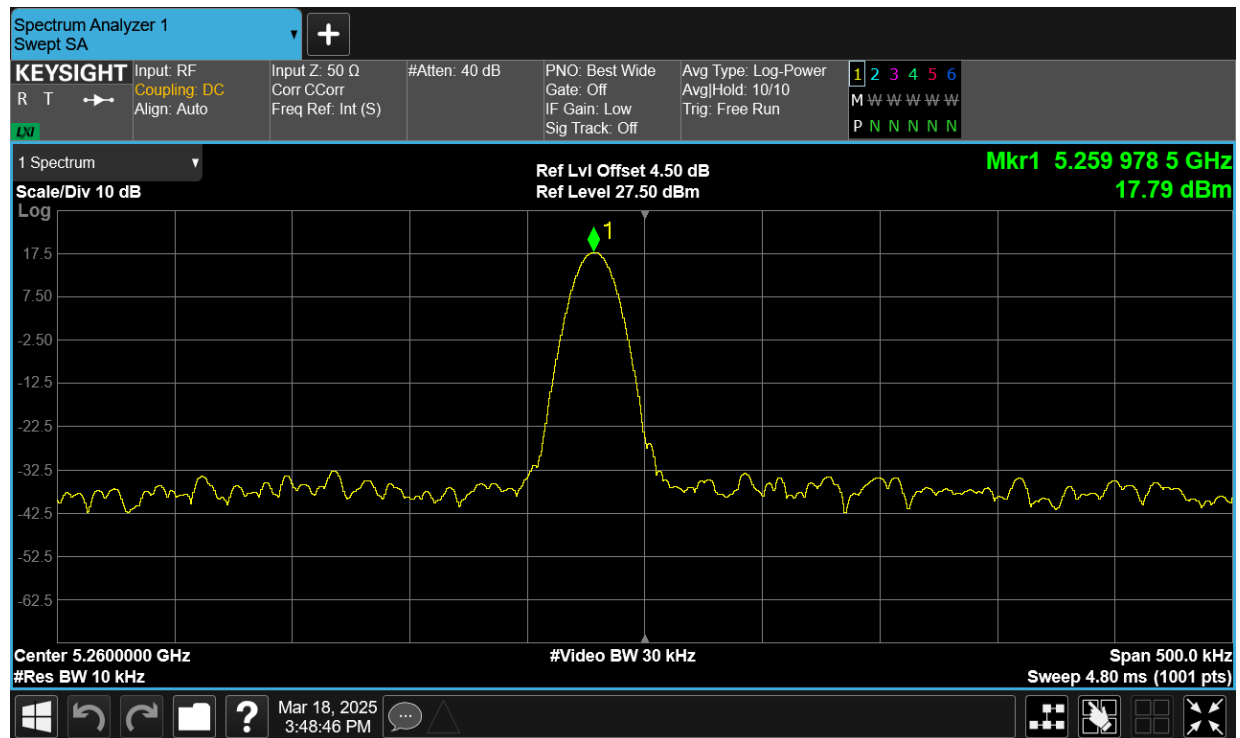
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant12	5259.9785	-4.09	Within authorized band	Pass
LVNT	a	5260	Ant12	5259.979	-3.99		Pass
NVHT	a	5260	Ant12	5259.979	-3.99		Pass
NVLT	a	5260	Ant12	5259.9795	-3.9		Pass
NVNT	a	5260	Ant12	5259.98	-3.8		Pass
HVNT	ac80	5290	Ant12	5289.9765	-4.44		Pass
LVNT	ac80	5290	Ant12	5289.976	-4.54		Pass
NVHT	ac80	5290	Ant12	5289.9765	-4.44		Pass
NVLT	ac80	5290	Ant12	5289.9765	-4.44		Pass
NVNT	ac80	5290	Ant12	5289.978	-4.16		Pass
HVNT	n40	5270	Ant12	5269.977	-4.36		Pass
LVNT	n40	5270	Ant12	5269.9775	-4.27		Pass
NVHT	n40	5270	Ant12	5269.978	-4.17		Pass
NVLT	n40	5270	Ant12	5269.978	-4.17		Pass
NVNT	n40	5270	Ant12	5269.978	-4.17		Pass

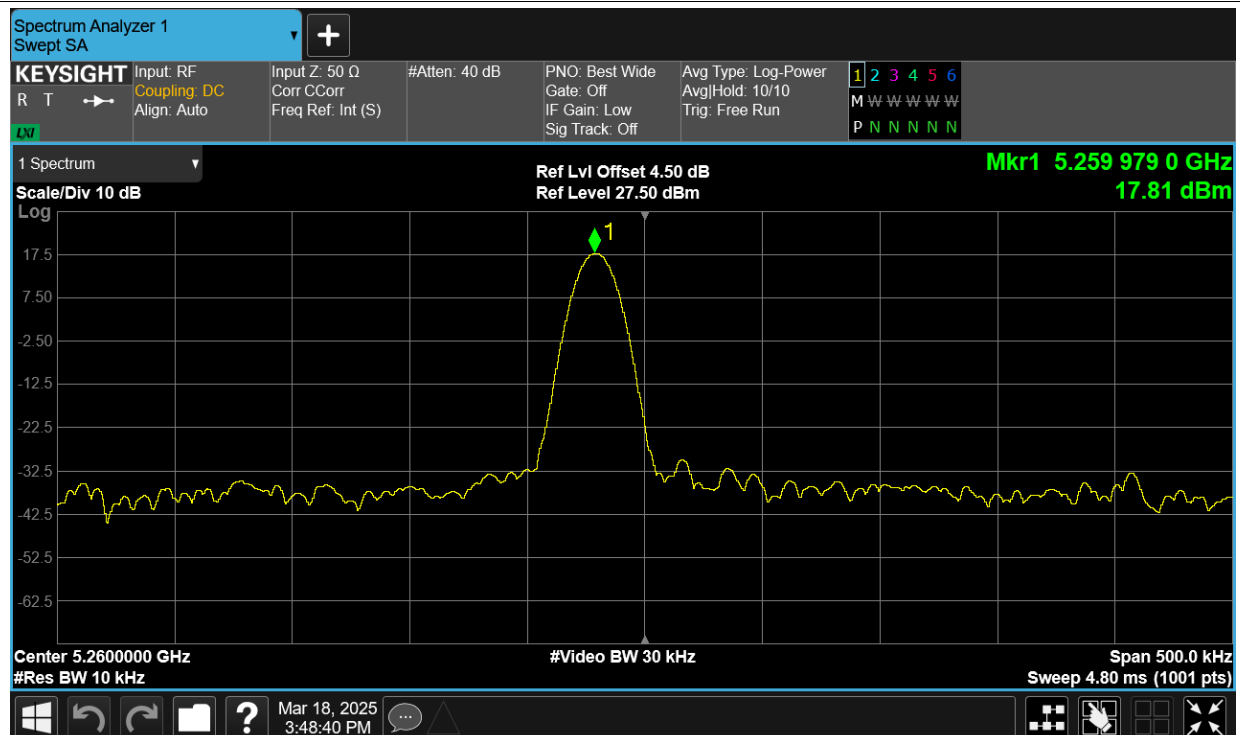
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

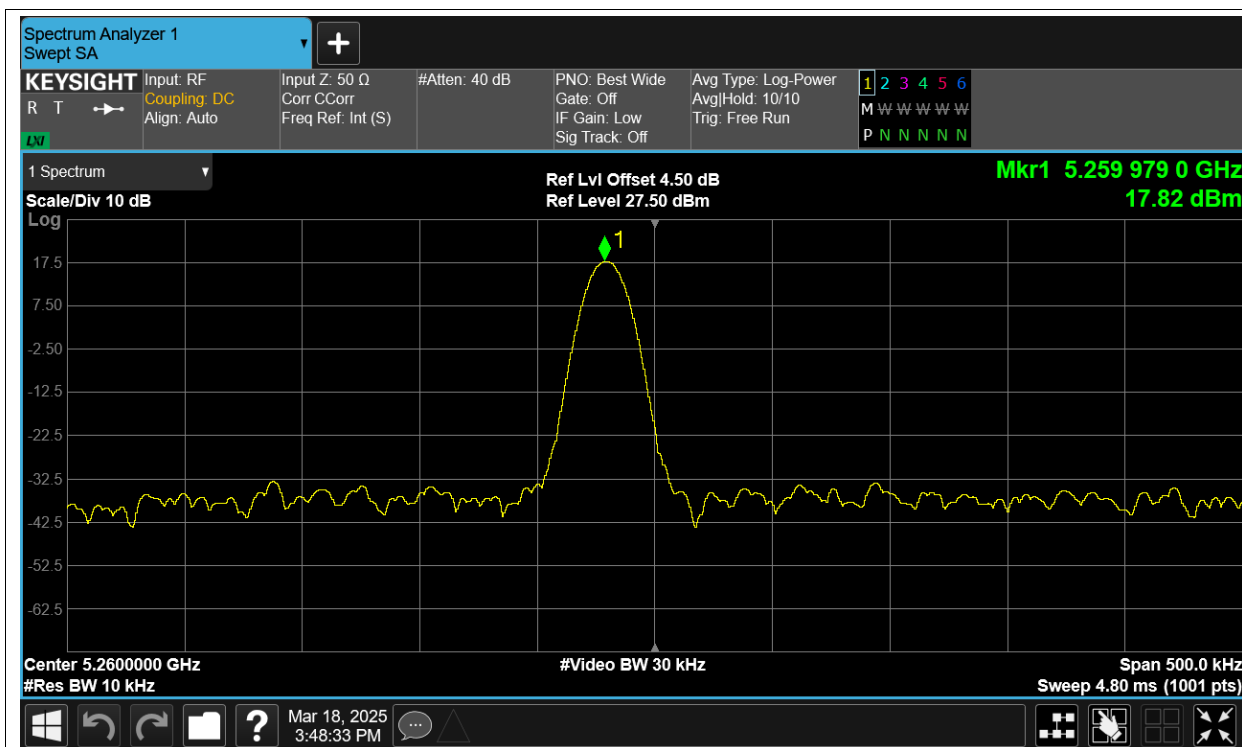
Freq. Stability HVNT a 5260MHz Ant12



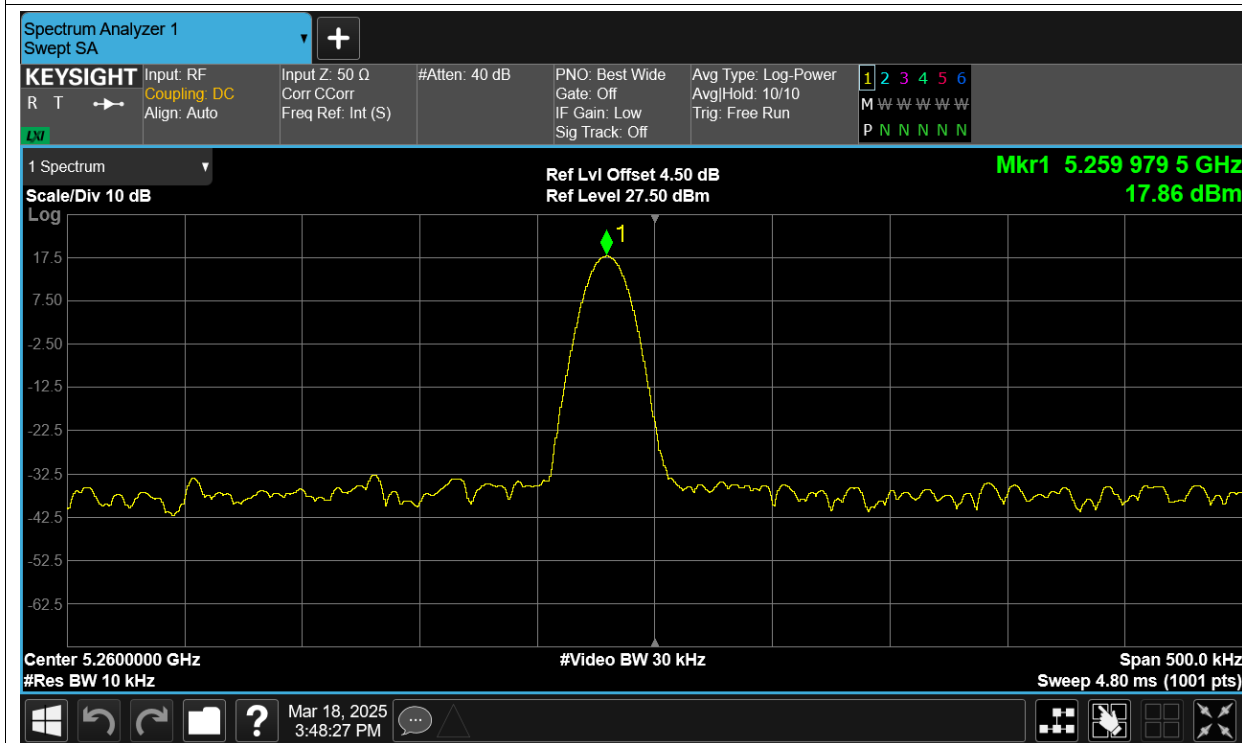
Freq. Stability LVNT a 5260MHz Ant12



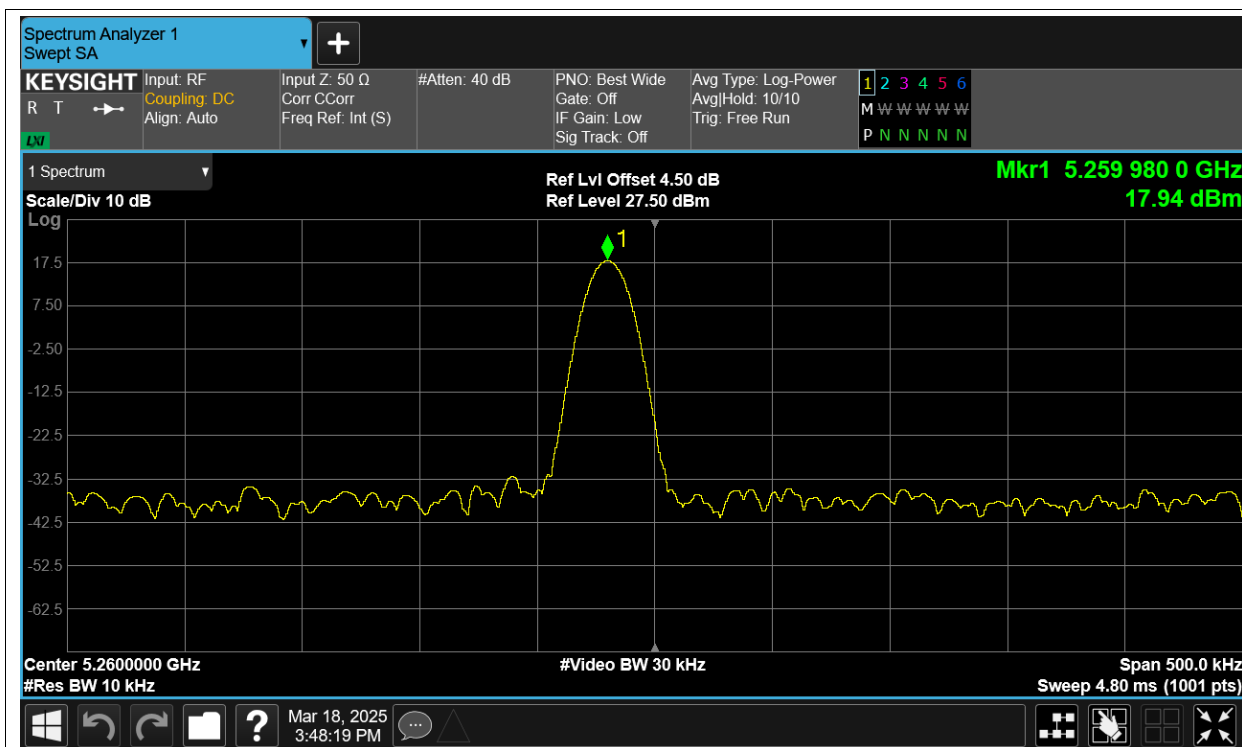
Freq. Stability NVHT a 5260MHz Ant12



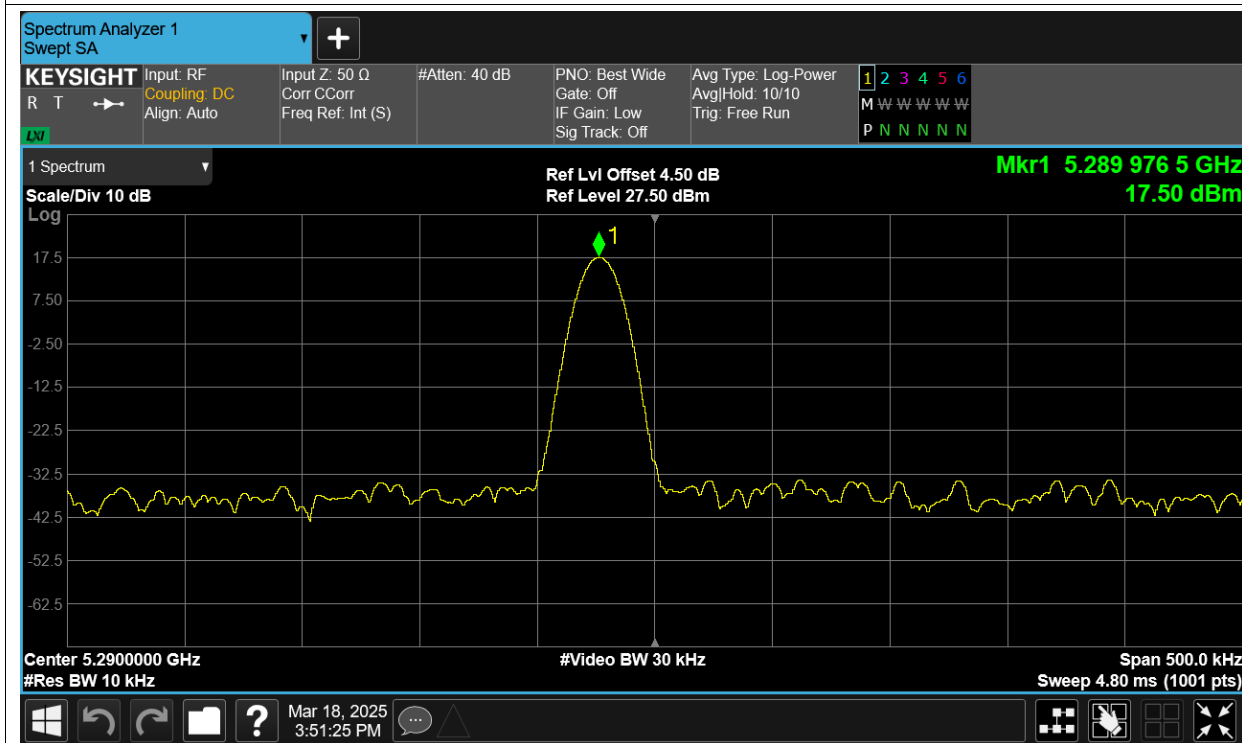
Freq. Stability NVLT a 5260MHz Ant12



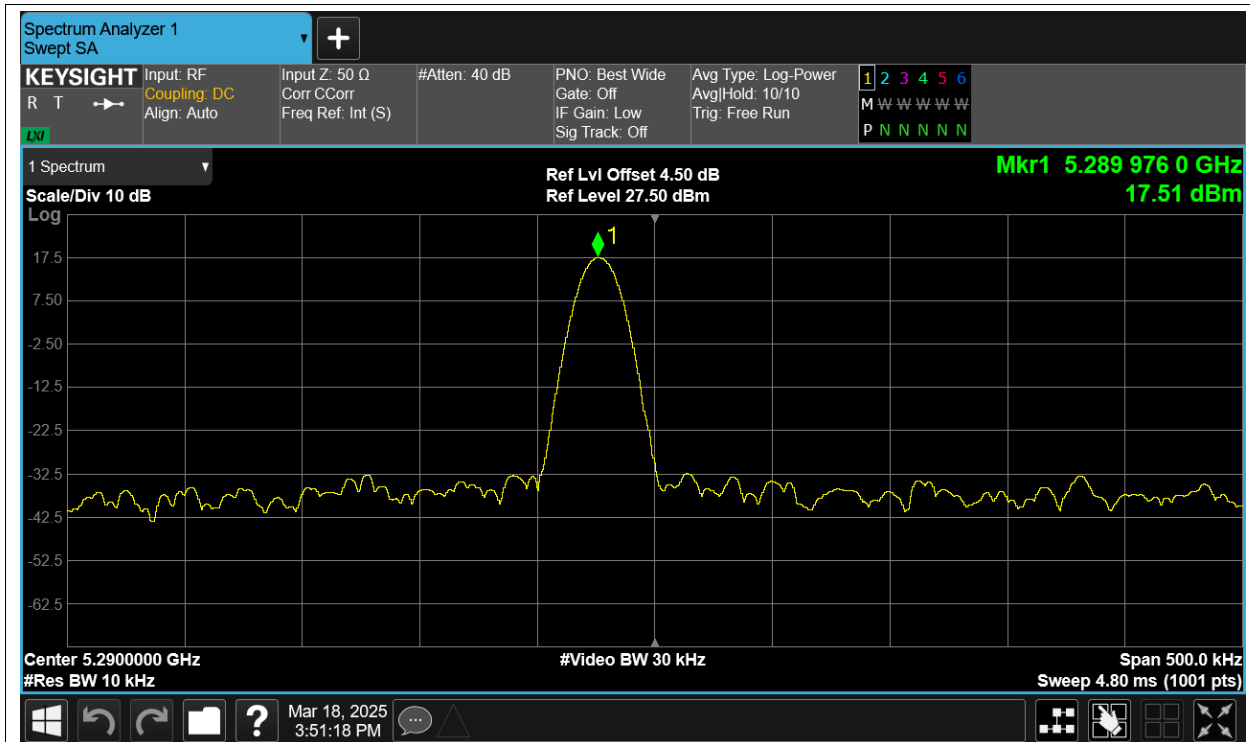
Freq. Stability NVNT a 5260MHz Ant12



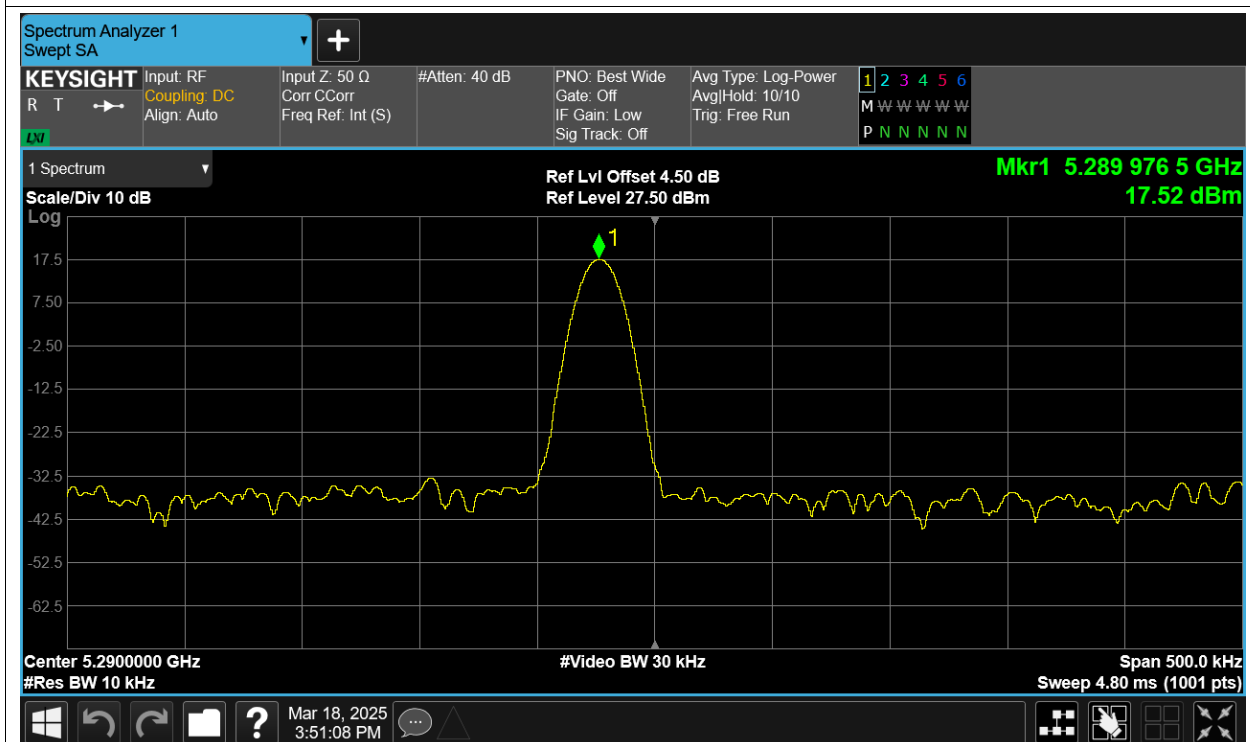
Freq. Stability HVNT ac80 5290MHz Ant12



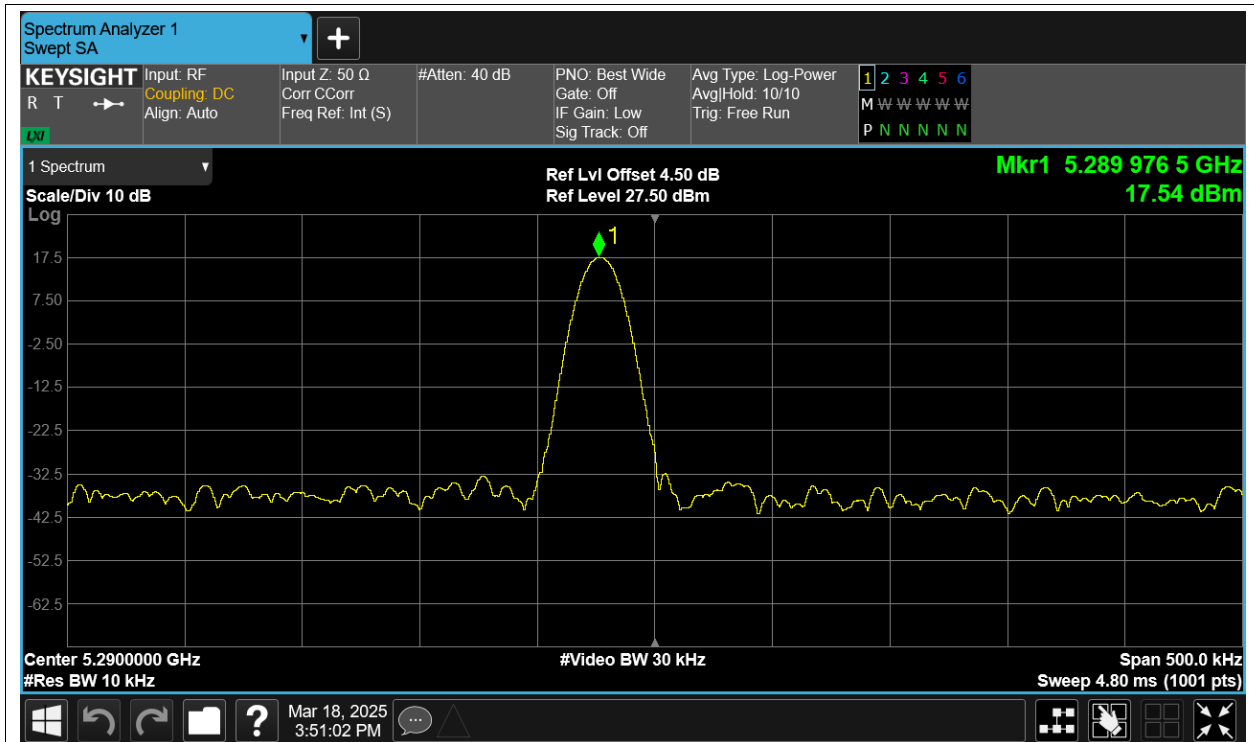
Freq. Stability LVNT ac80 5290MHz Ant12



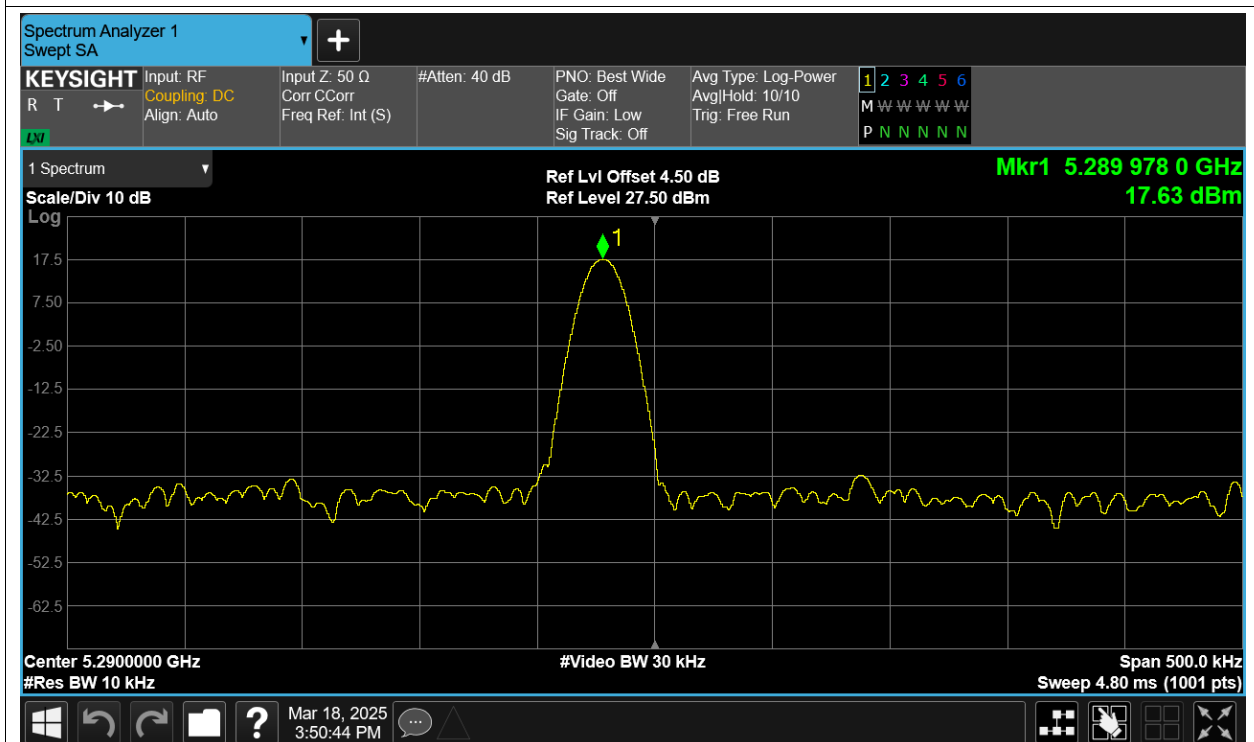
Freq. Stability NVHT ac80 5290MHz Ant12



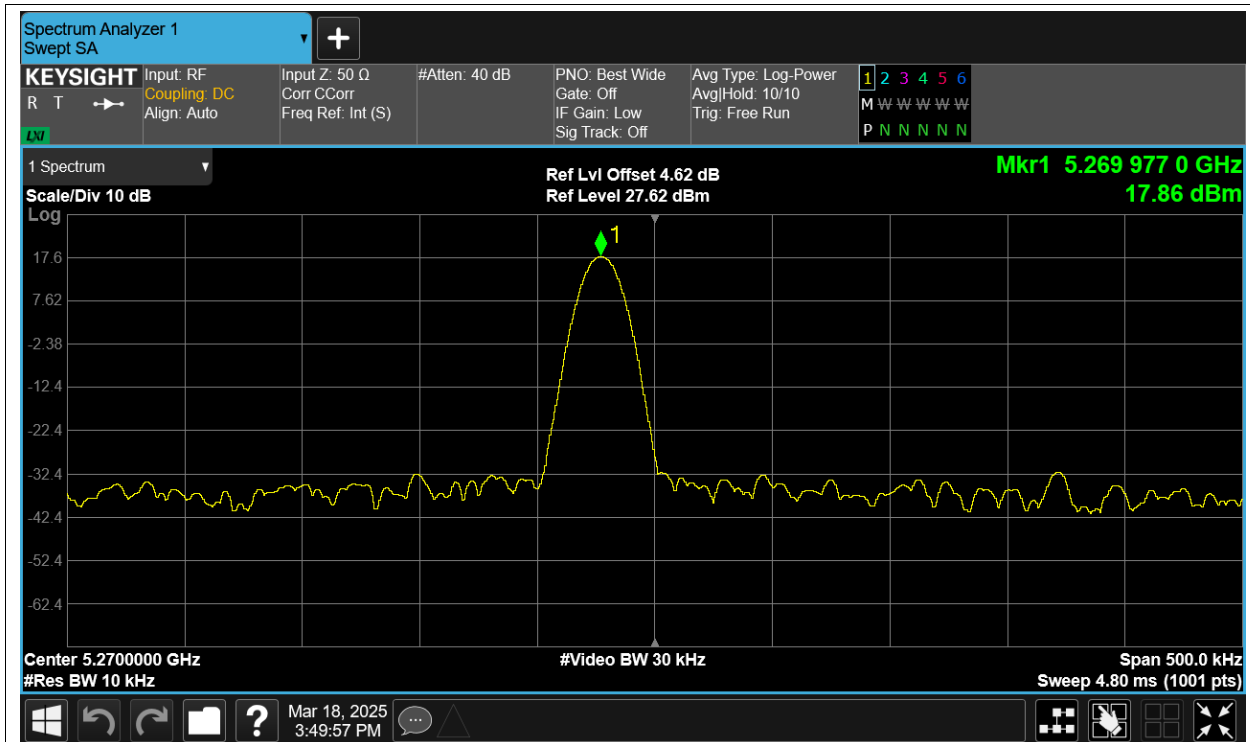
Freq. Stability NVLT ac80 5290MHz Ant12



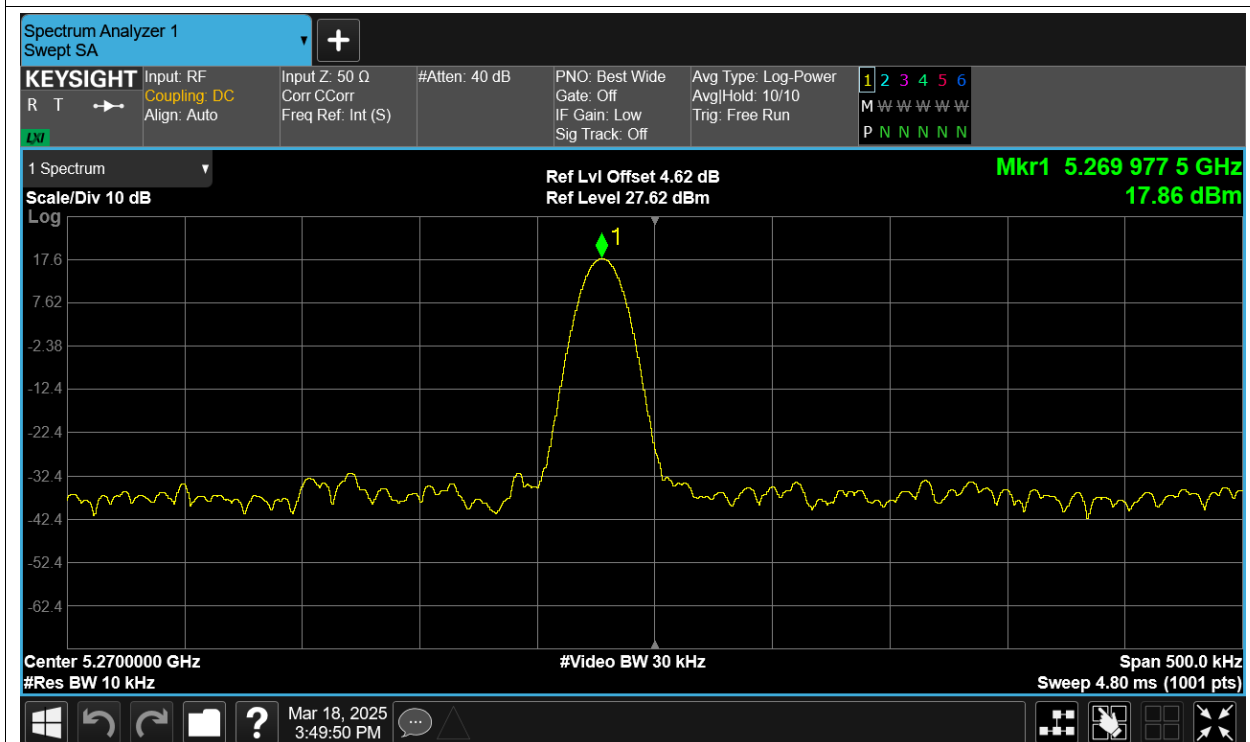
Freq. Stability NVNT ac80 5290MHz Ant12



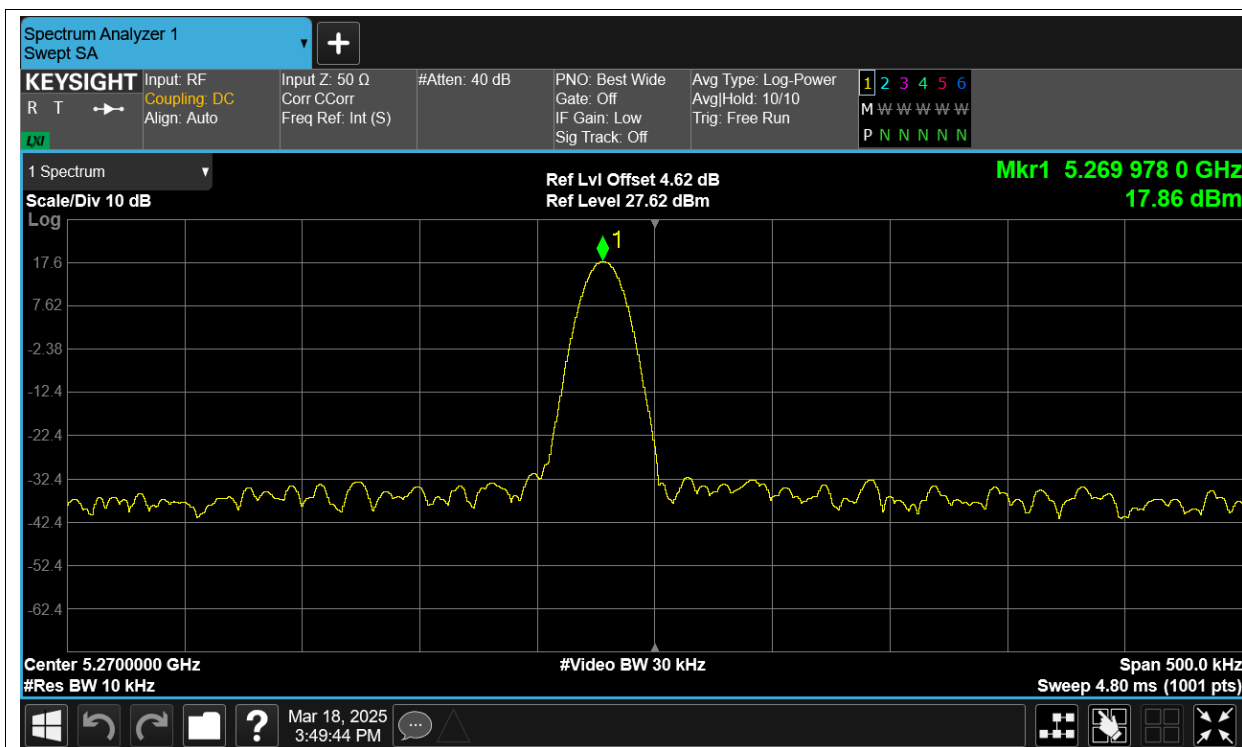
Freq. Stability HVNT n40 5270MHz Ant12



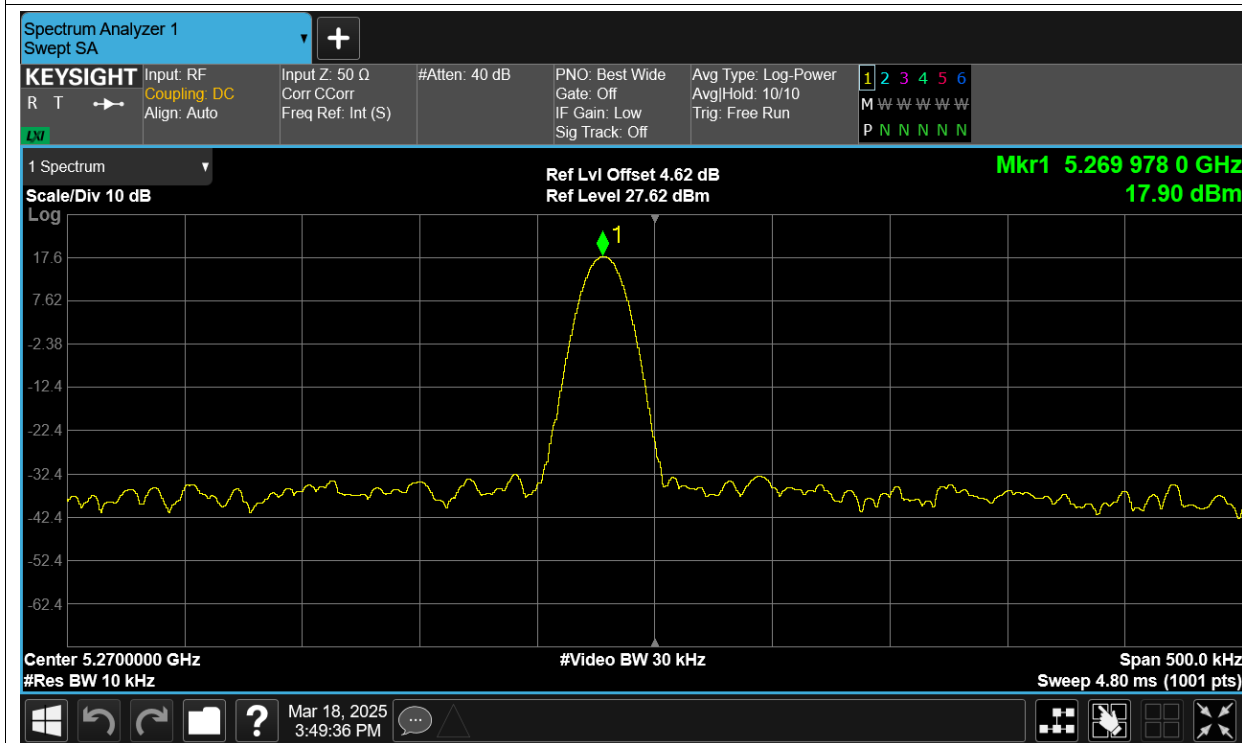
Freq. Stability LVNT n40 5270MHz Ant12



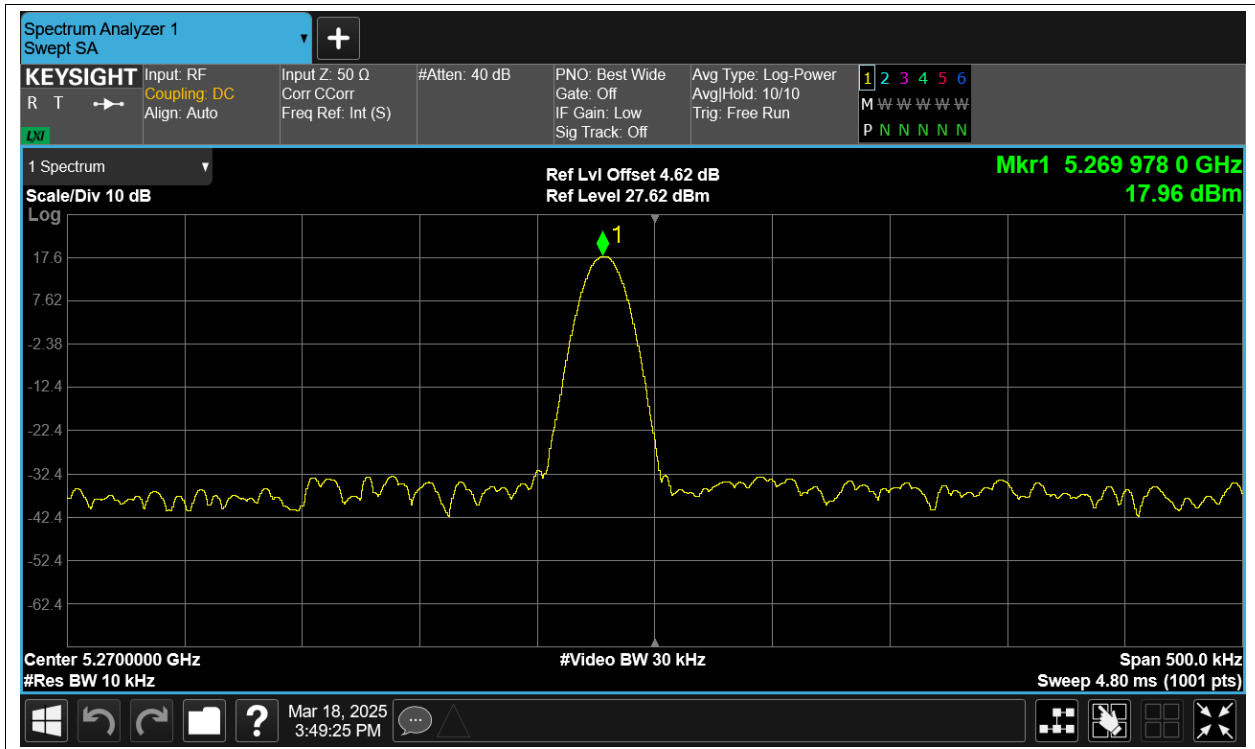
Freq. Stability NVHT n40 5270MHz Ant12



Freq. Stability NVLT n40 5270MHz Ant12



Freq. Stability NVNT n40 5270MHz Ant12

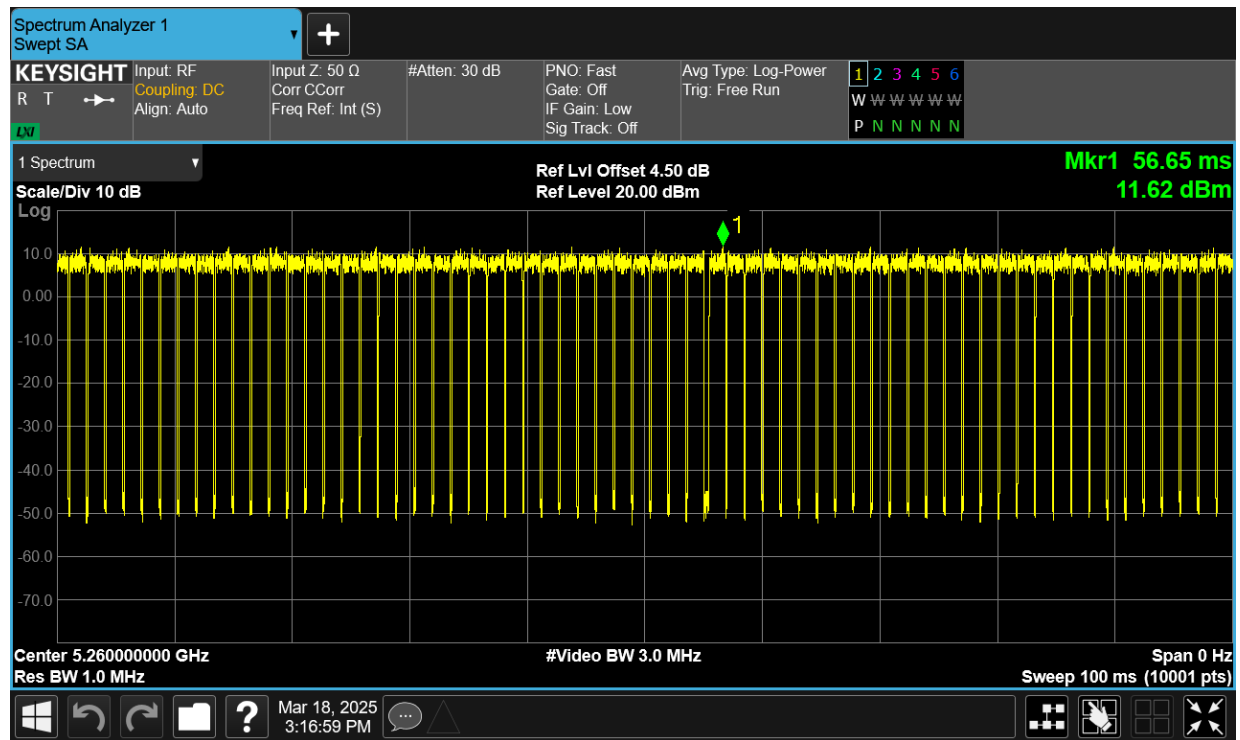


Duty Cycle

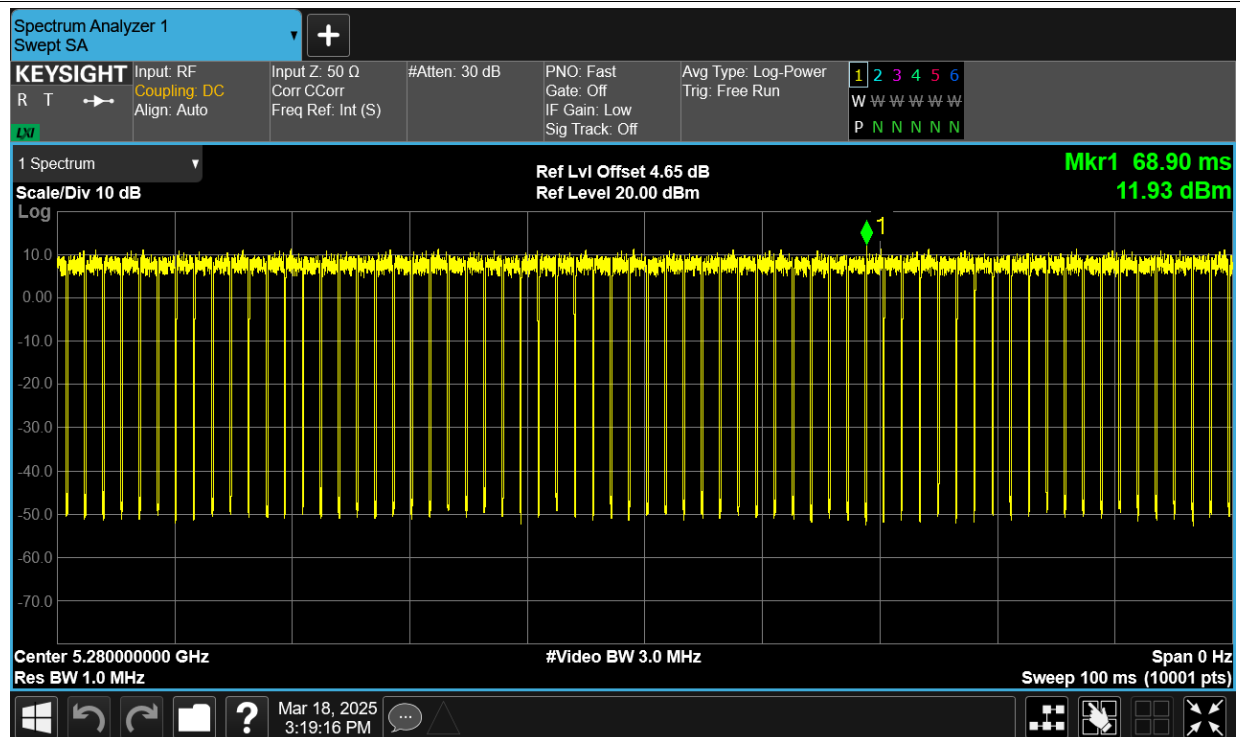
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant12	90.65	0.43
NVNT	a	5280	Ant12	90.78	0.42
NVNT	a	5320	Ant12	90.63	0.43
NVNT	ac20	5260	Ant12	86.81	0.61
NVNT	ac20	5280	Ant12	86.4	0.63
NVNT	ac20	5320	Ant12	89.19	0.5
NVNT	ac40	5270	Ant12	80.17	0.96
NVNT	ac40	5310	Ant12	80.4	0.95
NVNT	ac80	5290	Ant12	68.32	1.65
NVNT	n20	5260	Ant12	89.29	0.49
NVNT	n20	5280	Ant12	89.15	0.5
NVNT	n20	5320	Ant12	89.09	0.5
NVNT	n40	5270	Ant12	79.77	0.98
NVNT	n40	5310	Ant12	80.56	0.94

Test Graphs

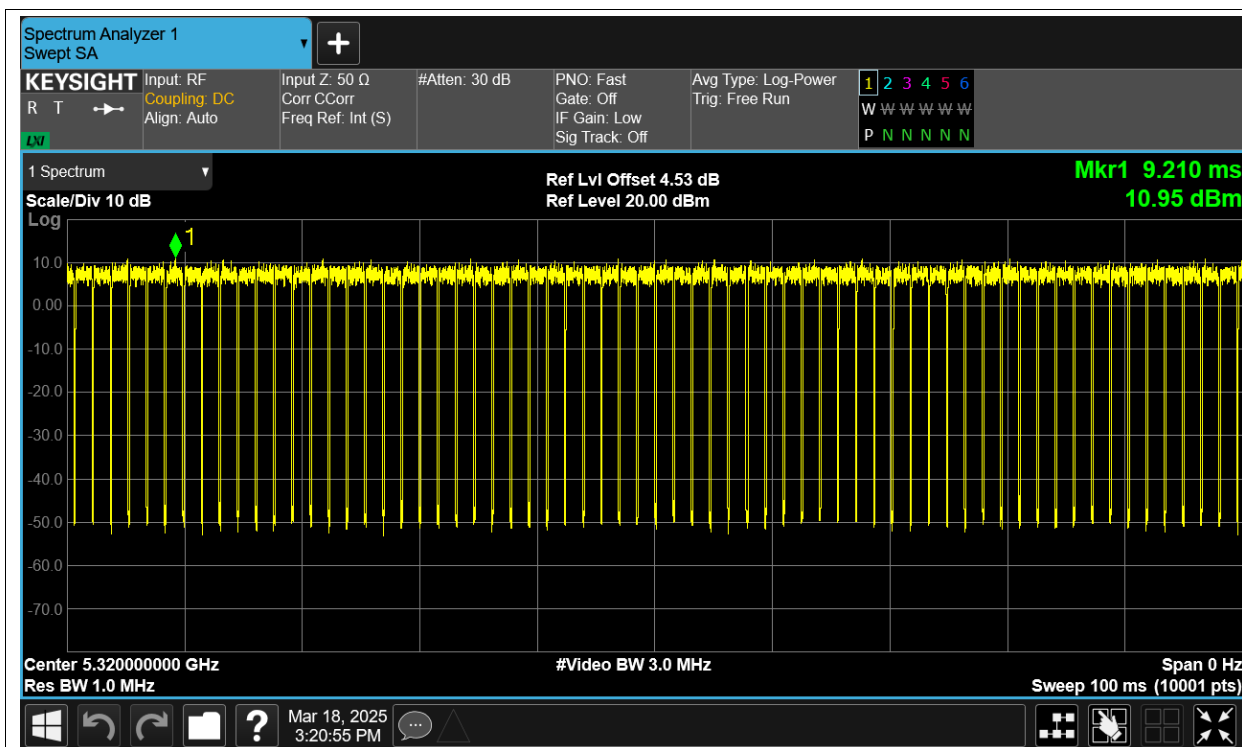
Duty Cycle NVNT a 5260MHz Ant12



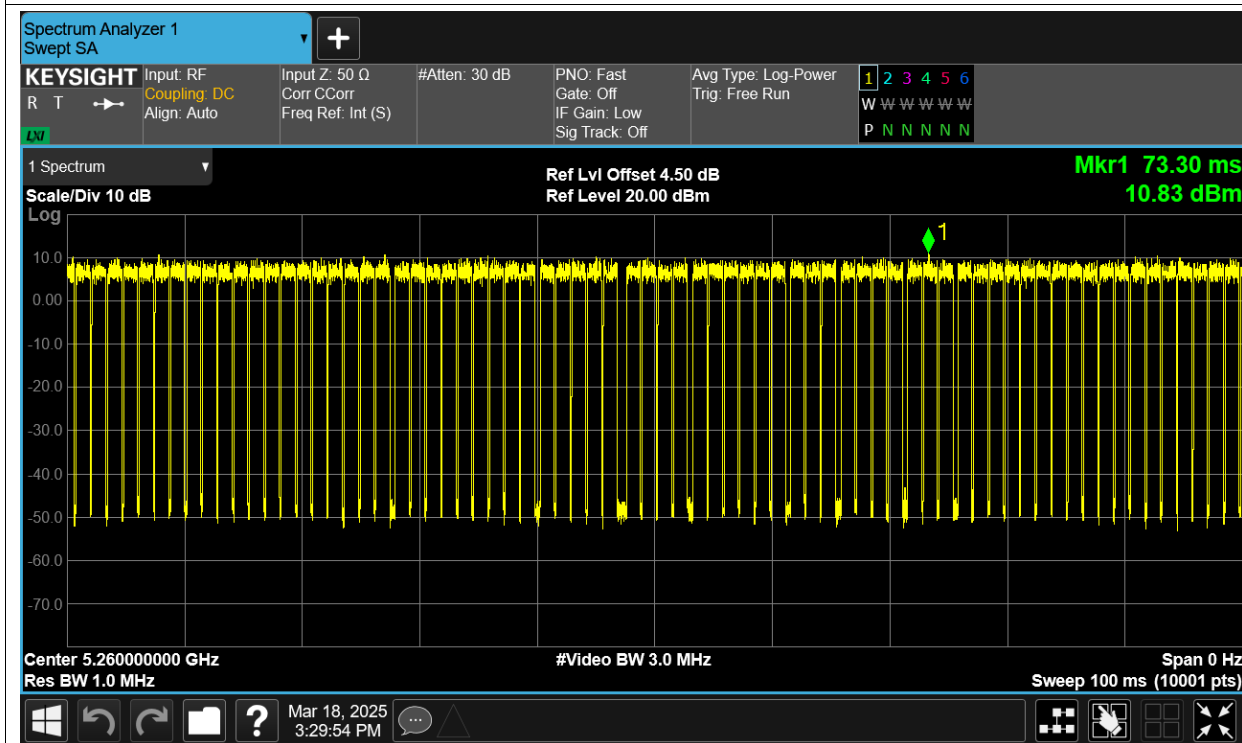
Duty Cycle NVNT a 5280MHz Ant12



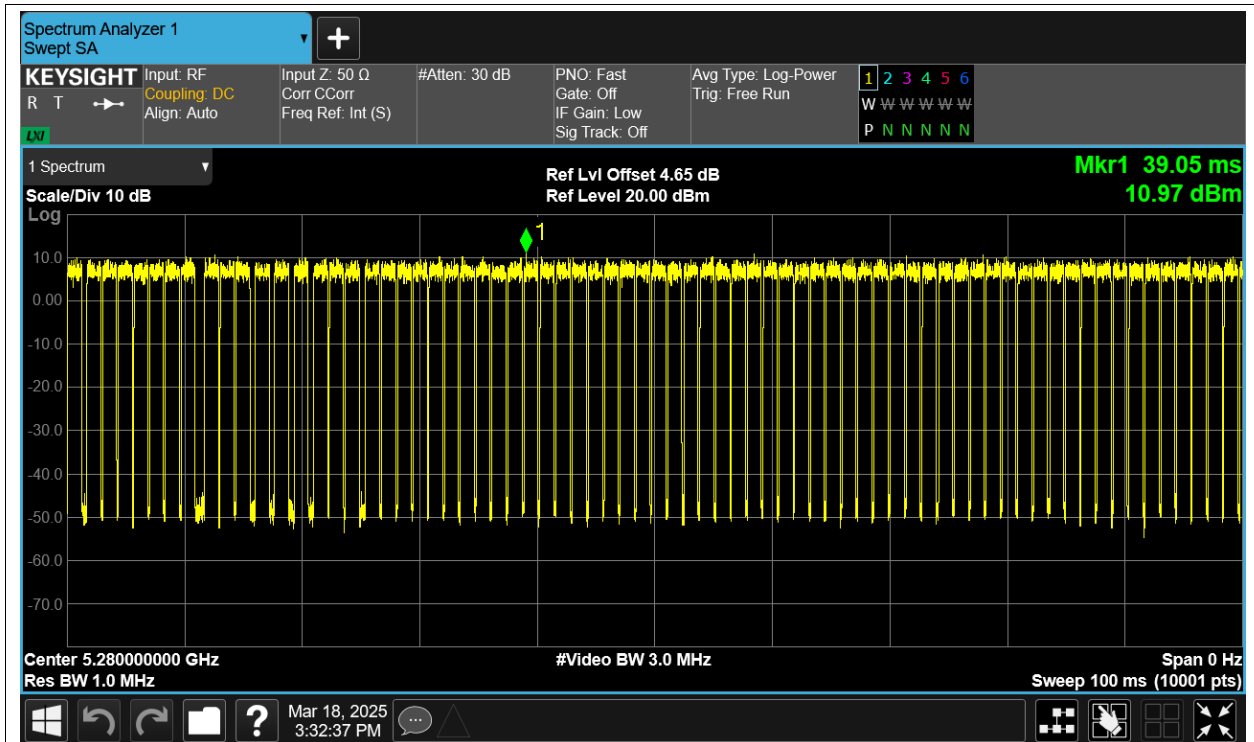
Duty Cycle NVNT a 5320MHz Ant12



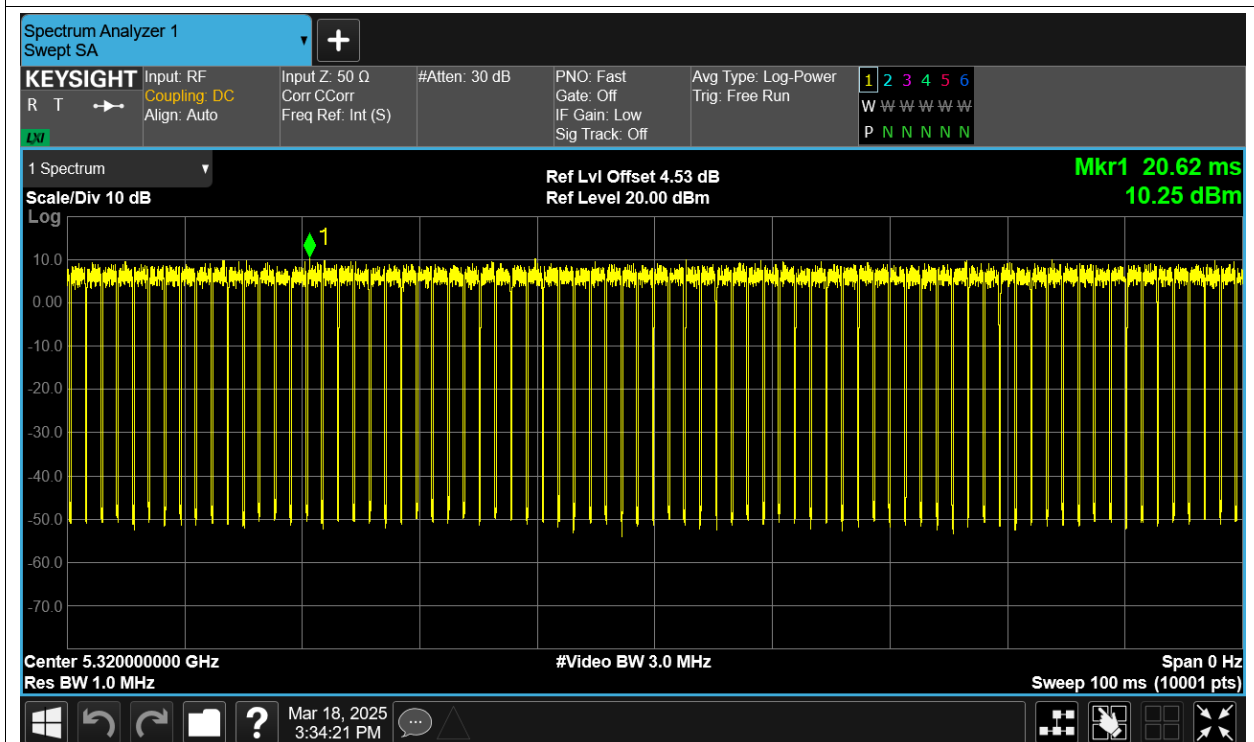
Duty Cycle NVNT ac20 5260MHz Ant12



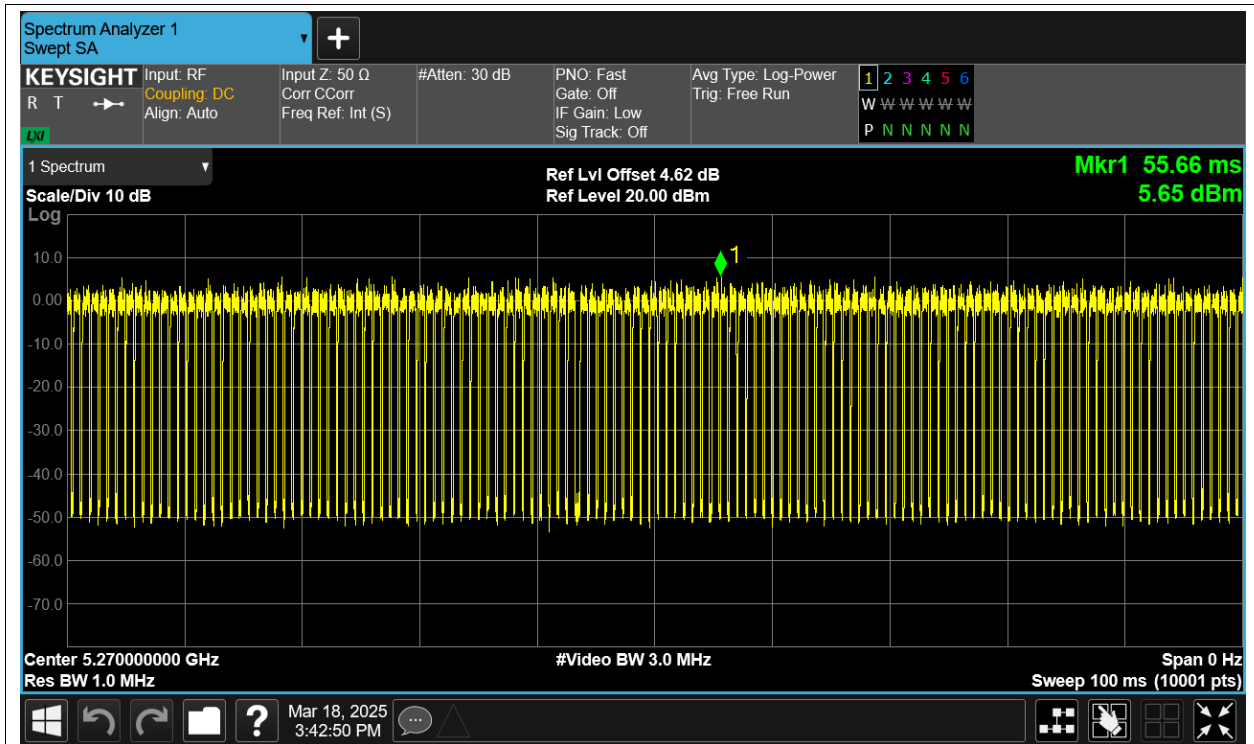
Duty Cycle NVNT ac20 5280MHz Ant12



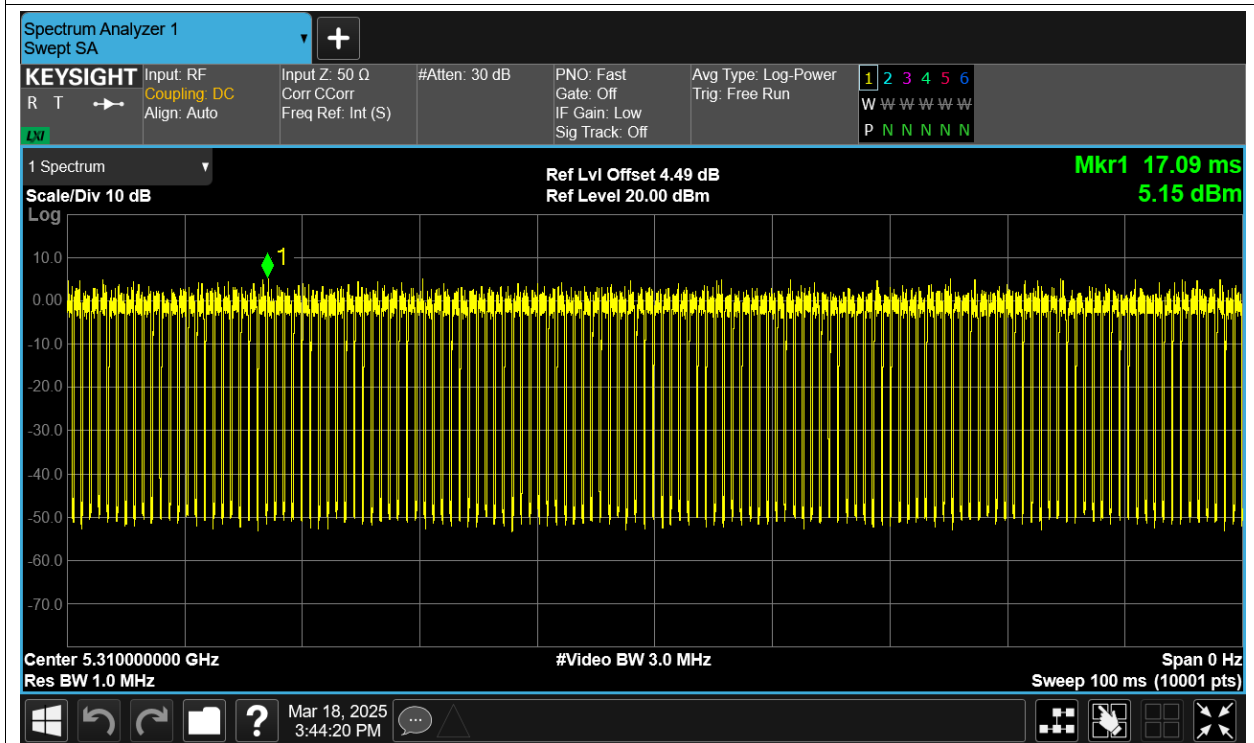
Duty Cycle NVNT ac20 5320MHz Ant12



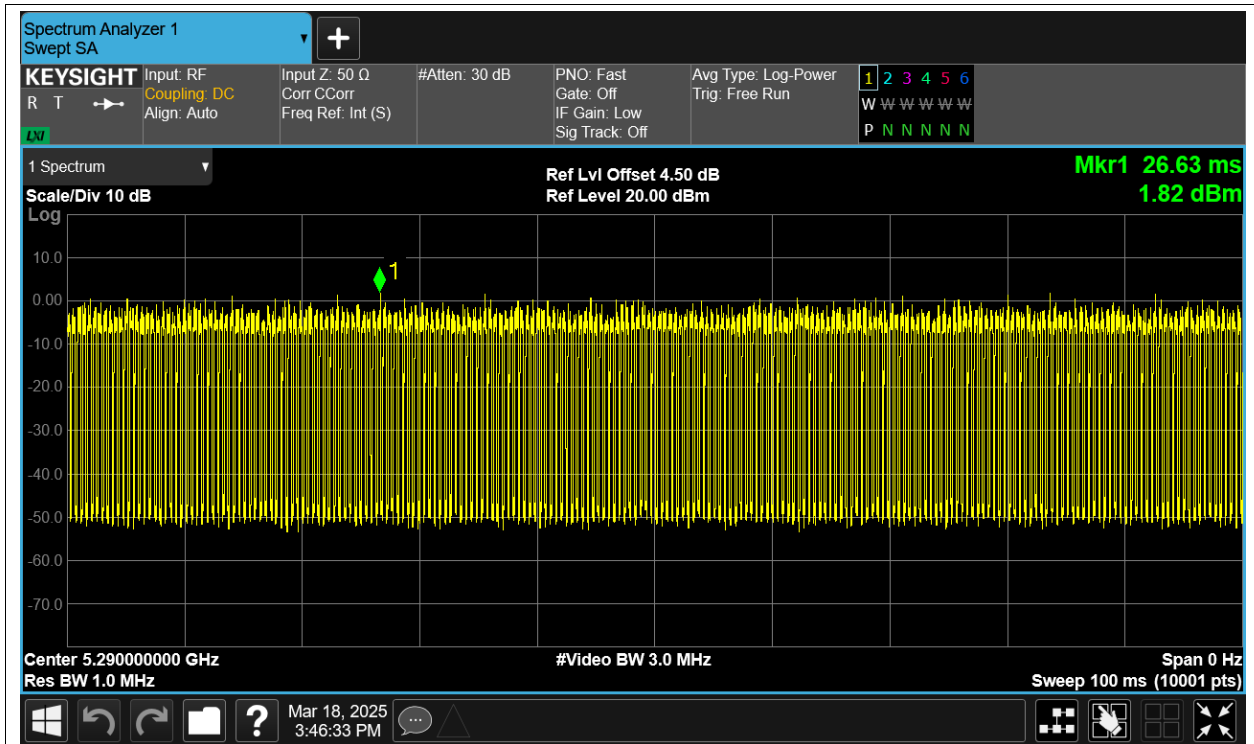
Duty Cycle NVNT ac40 5270MHz Ant12



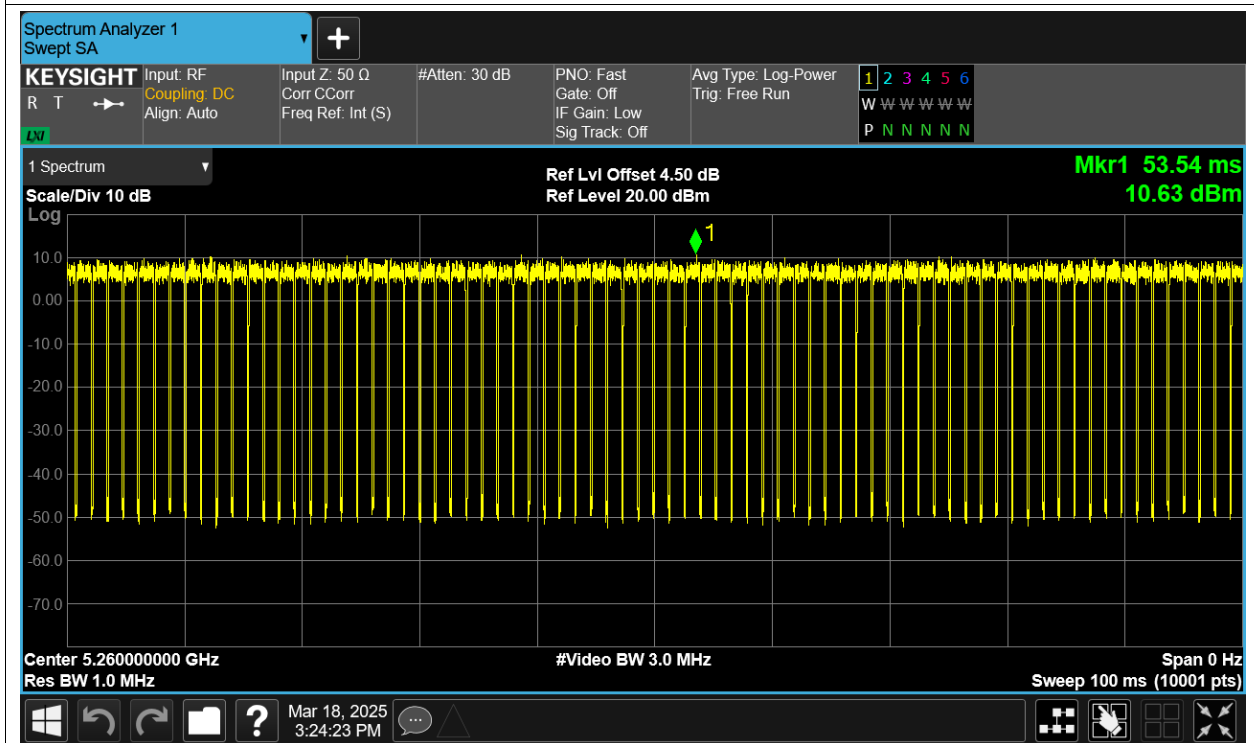
Duty Cycle NVNT ac40 5310MHz Ant12



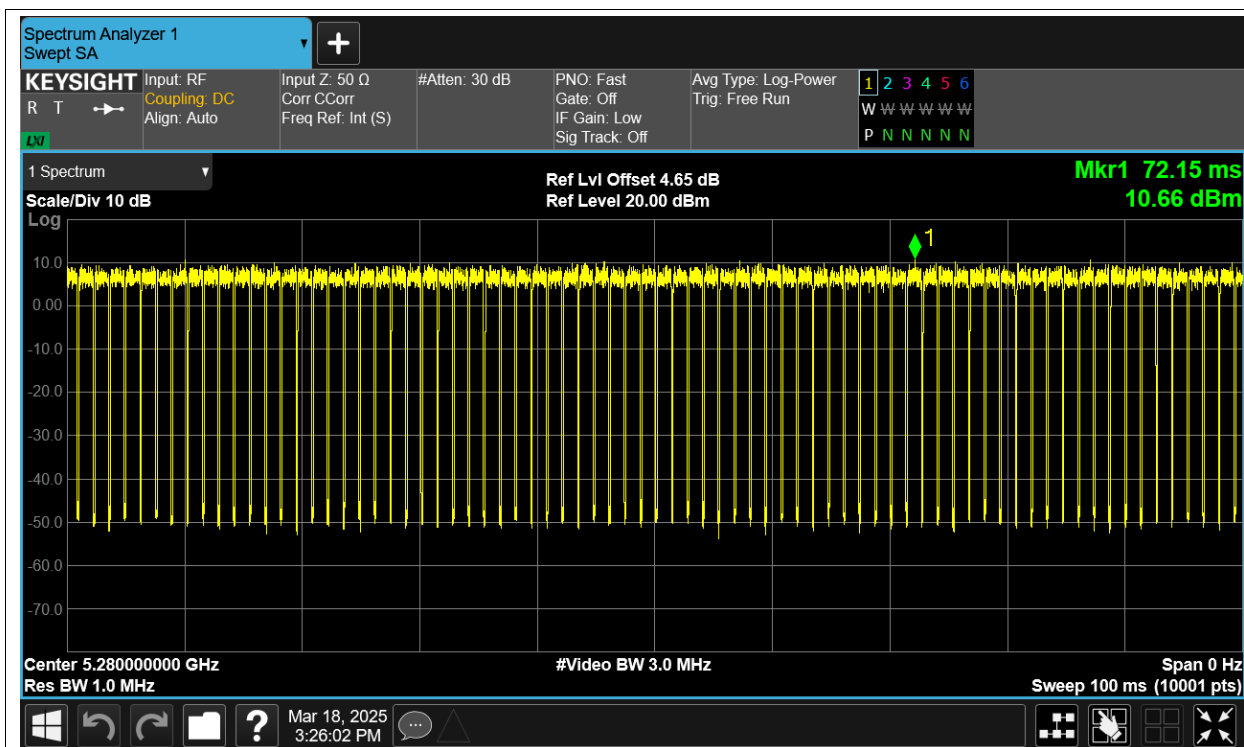
Duty Cycle NVNT ac80 5290MHz Ant12



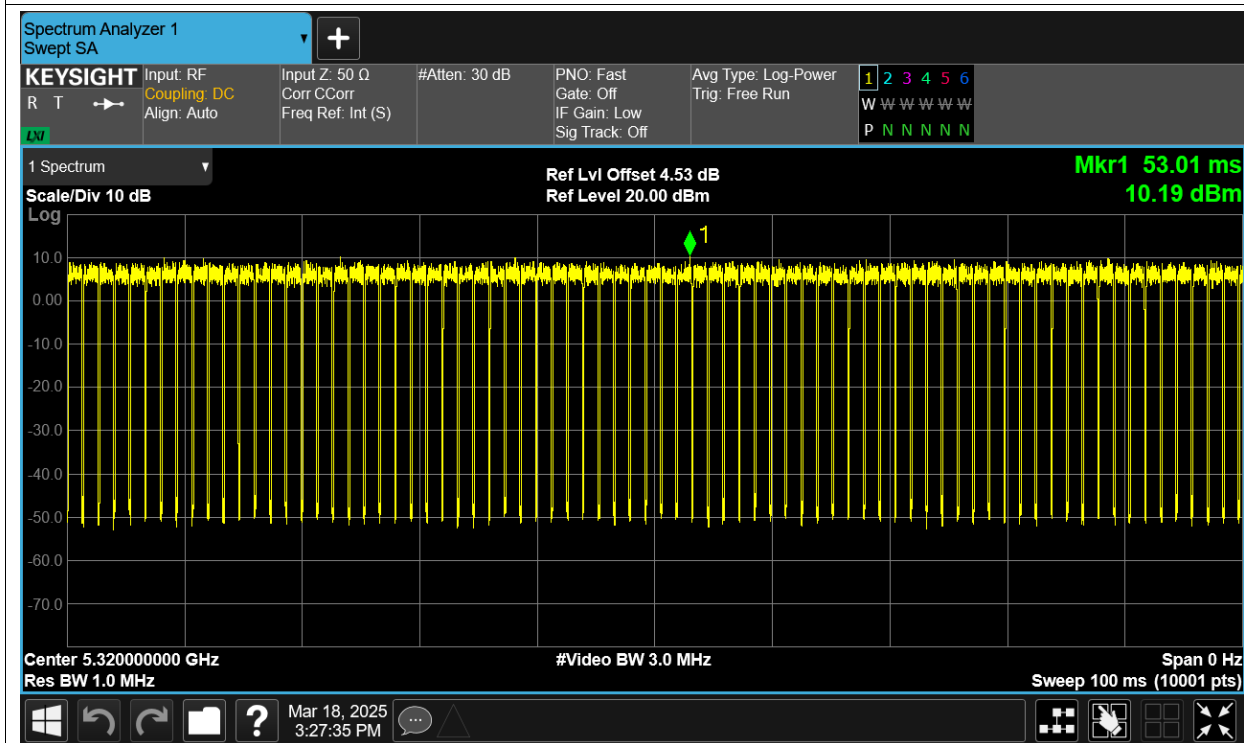
Duty Cycle NVNT n20 5260MHz Ant12



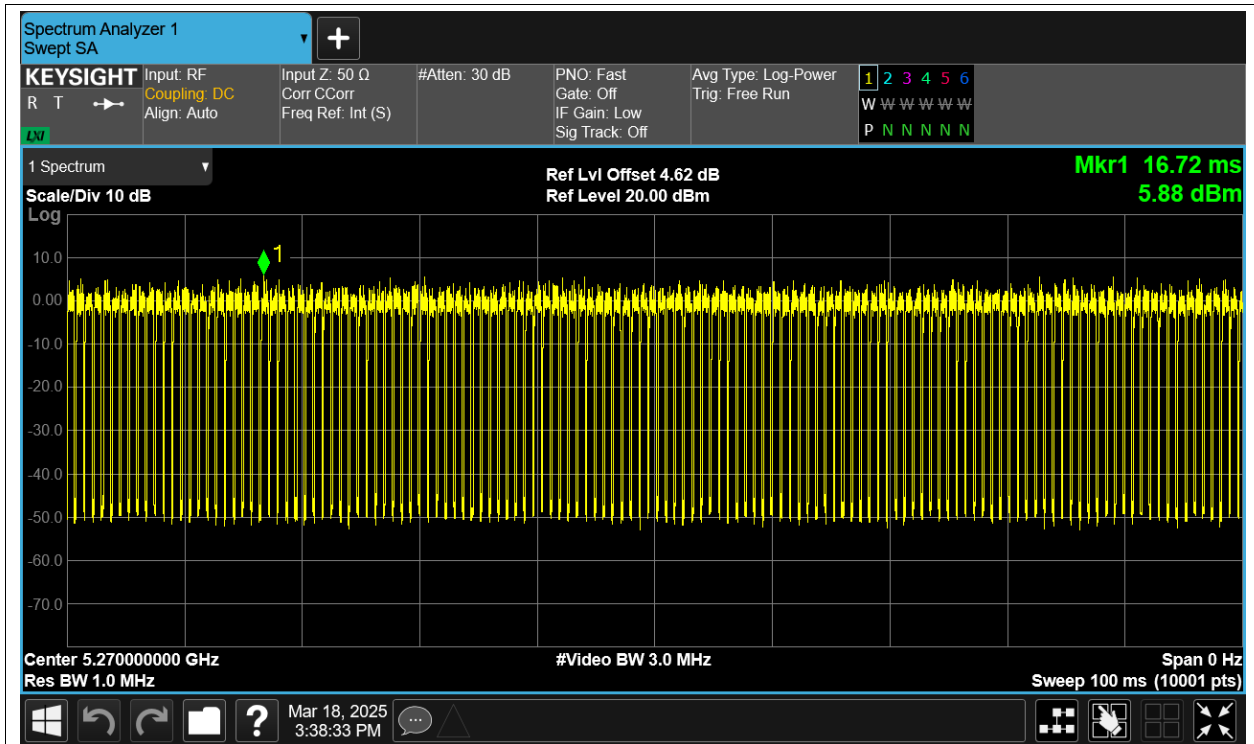
Duty Cycle NVNT n20 5280MHz Ant12



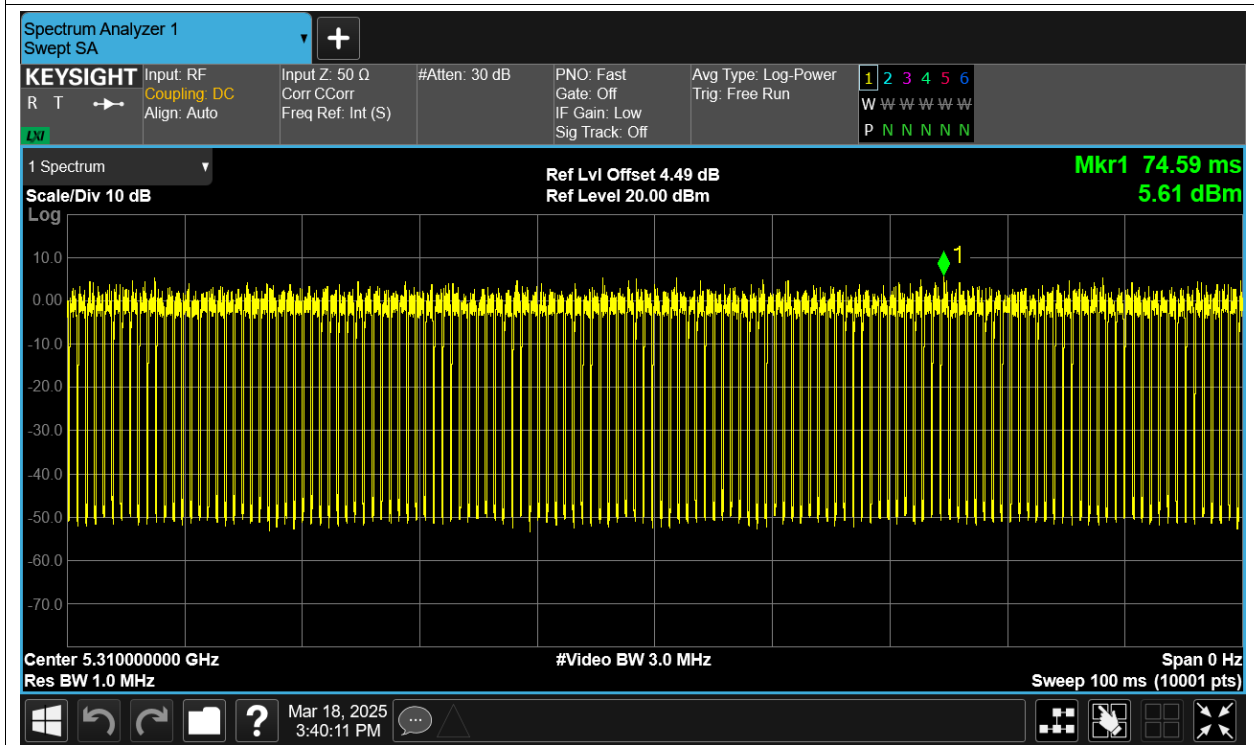
Duty Cycle NVNT n20 5320MHz Ant12



Duty Cycle NVNT n40 5270MHz Ant12



Duty Cycle NVNT n40 5310MHz Ant12



Maximum Conducted Output Power

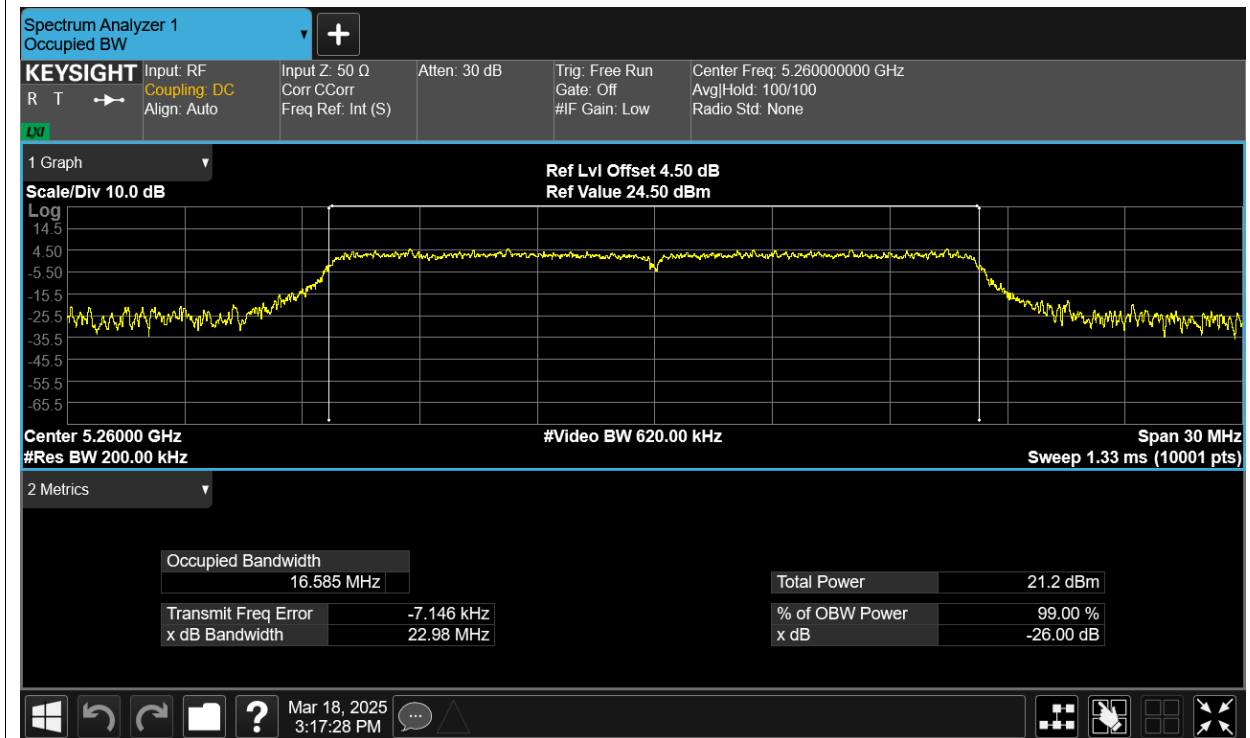
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant12	15.53	0.43	15.96	24	Pass
NVNT	a	5280	Ant12	15.41	0.42	15.83	24	Pass
NVNT	a	5320	Ant12	15.11	0.43	15.54	24	Pass
NVNT	ac20	5260	Ant12	14.49	0.61	15.1	24	Pass
NVNT	ac20	5280	Ant12	14.58	0.63	15.21	24	Pass
NVNT	ac20	5320	Ant12	14.17	0.5	14.67	24	Pass
NVNT	ac40	5270	Ant12	14.13	0.96	15.09	24	Pass
NVNT	ac40	5310	Ant12	14.03	0.95	14.98	24	Pass
NVNT	ac80	5290	Ant12	13.22	1.65	14.87	24	Pass
NVNT	n20	5260	Ant12	14.49	0.49	14.98	24	Pass
NVNT	n20	5280	Ant12	14.53	0.5	15.03	24	Pass
NVNT	n20	5320	Ant12	14.18	0.5	14.68	24	Pass
NVNT	n40	5270	Ant12	14.09	0.98	15.07	24	Pass
NVNT	n40	5310	Ant12	14.1	0.94	15.04	24	Pass

Occupied Channel Bandwidth

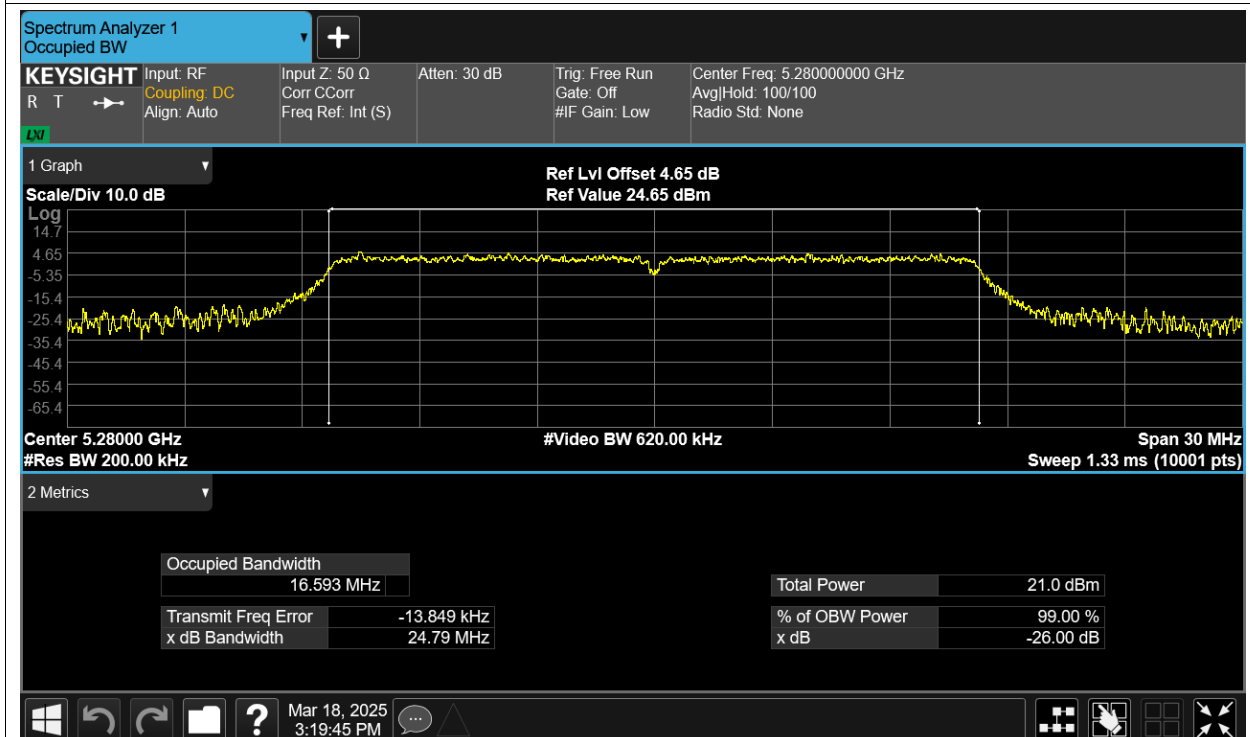
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant12	16.585
NVNT	a	5280	Ant12	16.593
NVNT	a	5320	Ant12	16.57
NVNT	ac20	5260	Ant12	17.602
NVNT	ac20	5280	Ant12	17.625
NVNT	ac20	5320	Ant12	17.596
NVNT	ac40	5270	Ant12	36.311
NVNT	ac40	5310	Ant12	36.385
NVNT	ac80	5290	Ant12	75.63
NVNT	n20	5260	Ant12	17.659
NVNT	n20	5280	Ant12	17.647
NVNT	n20	5320	Ant12	17.627
NVNT	n40	5270	Ant12	36.383
NVNT	n40	5310	Ant12	36.337

Test Graphs

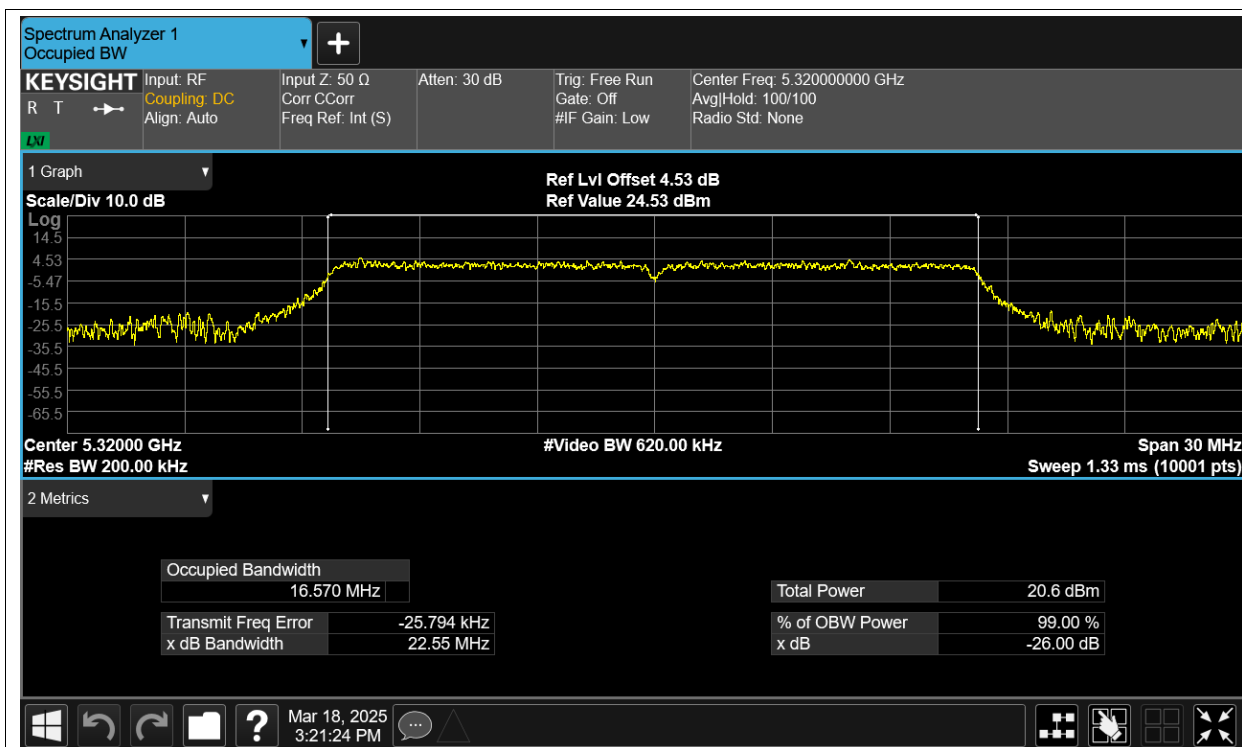
OBW NVNT a 5260MHz Ant12



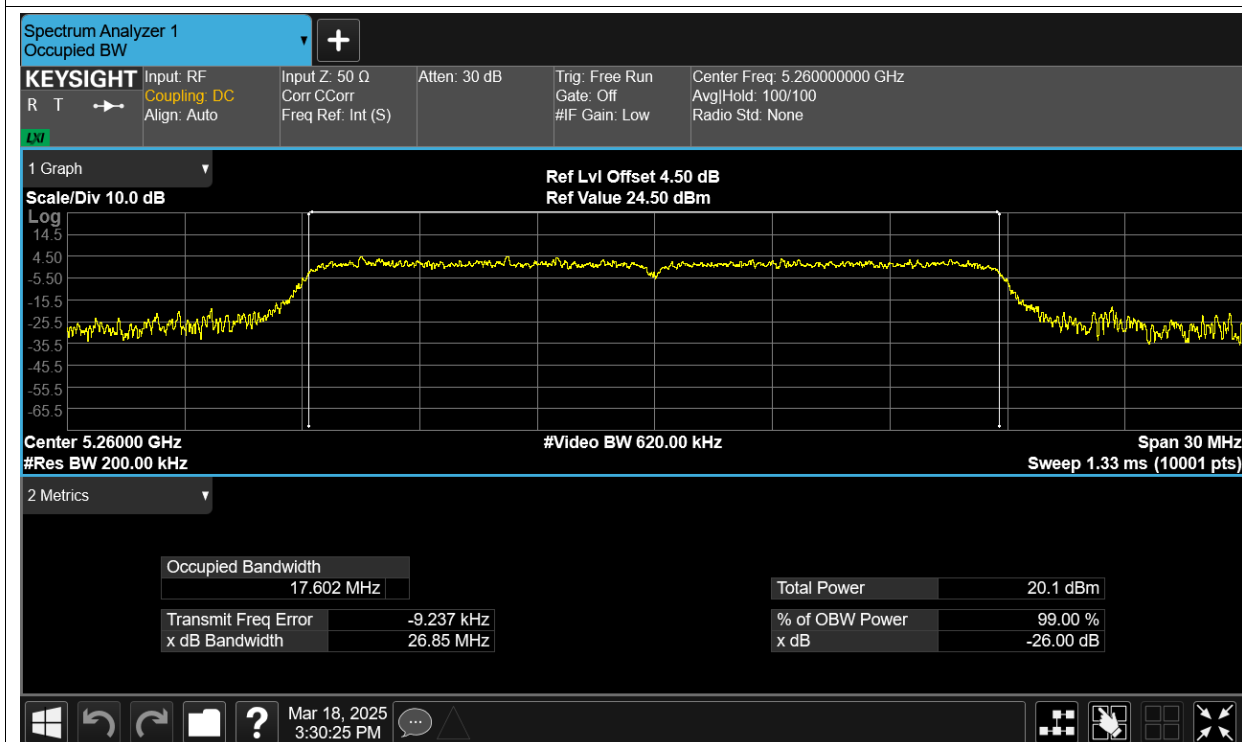
OBW NVNT a 5280MHz Ant12



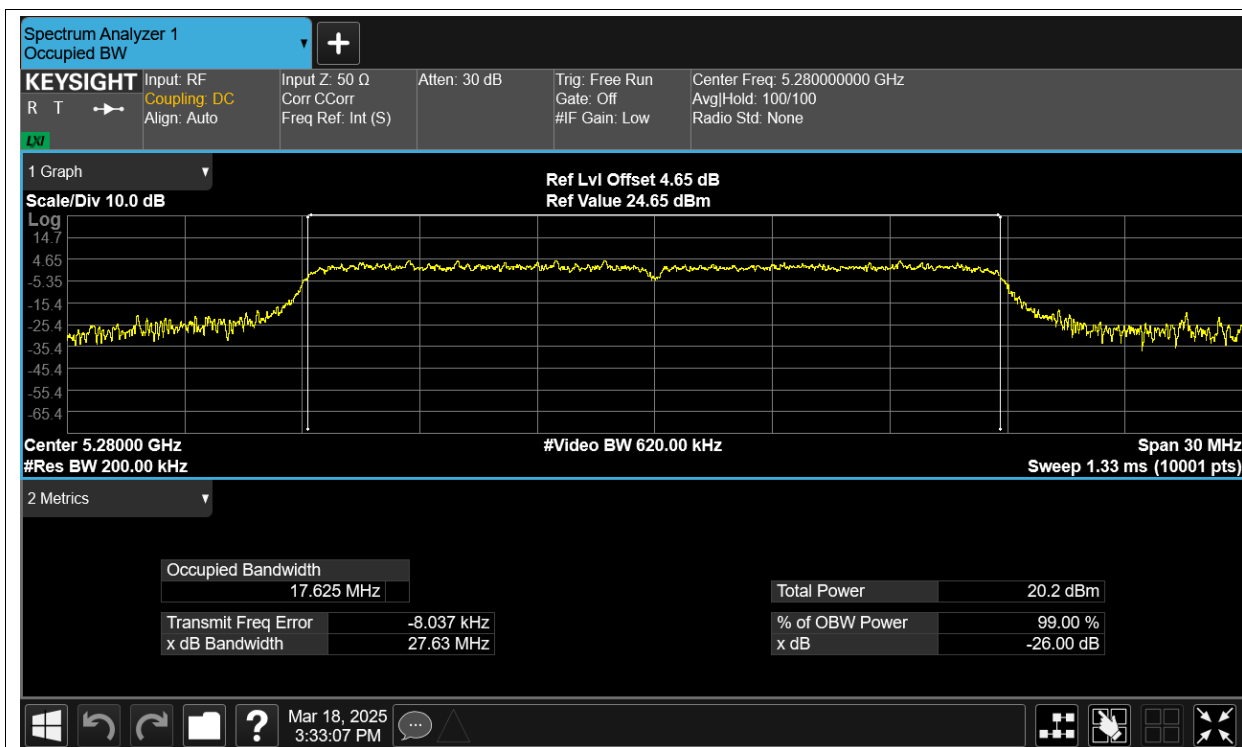
OBW NVNT a 5320MHz Ant12



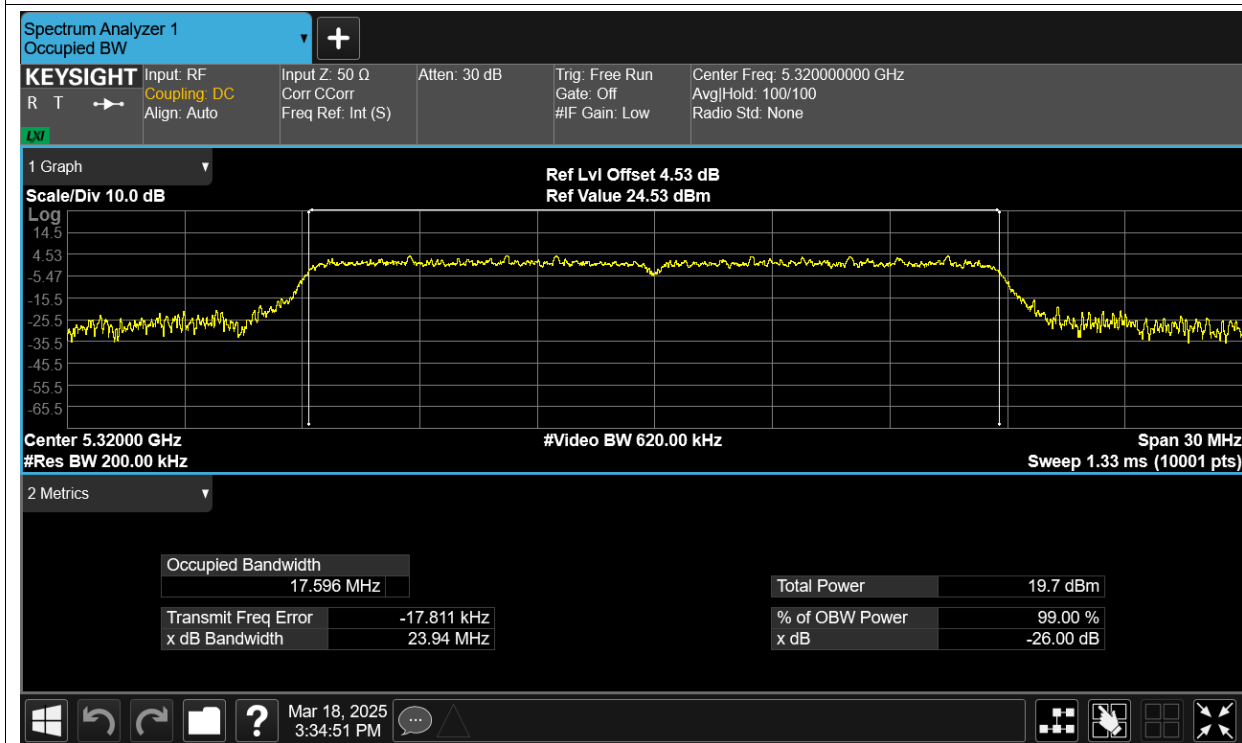
OBW NVNT ac20 5260MHz Ant12



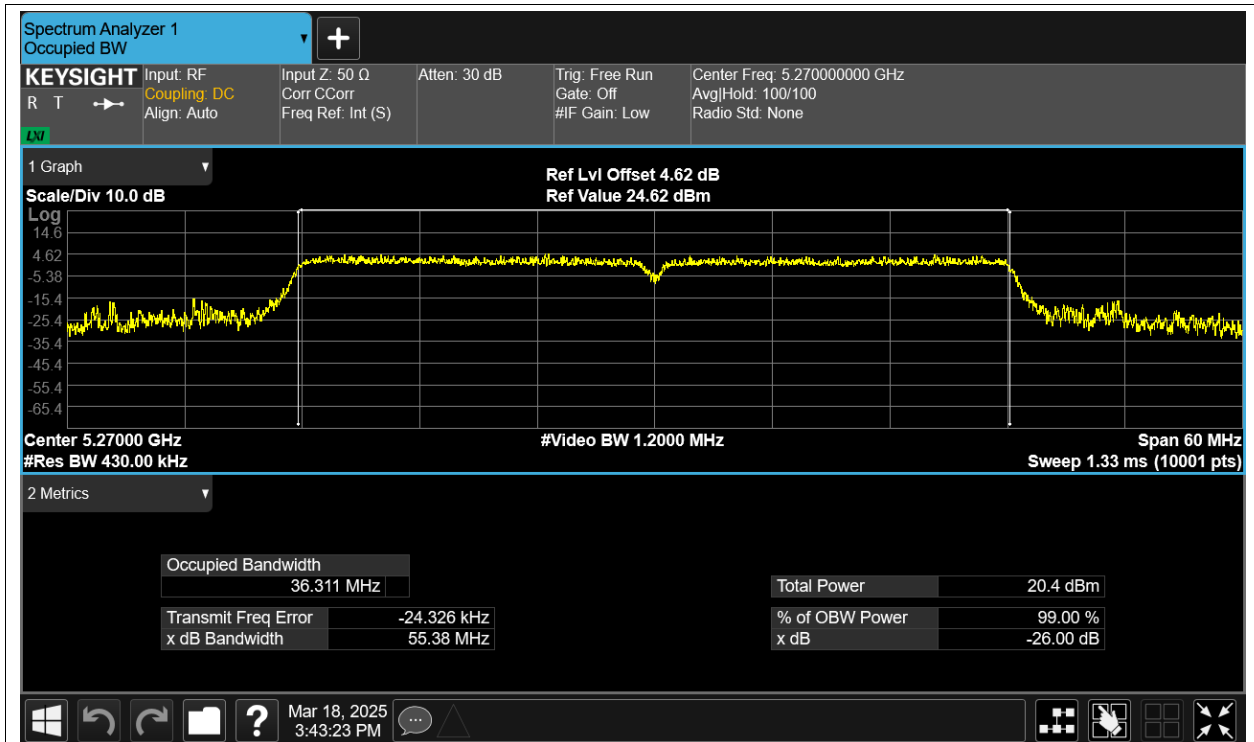
OBW NVNT ac20 5280MHz Ant12



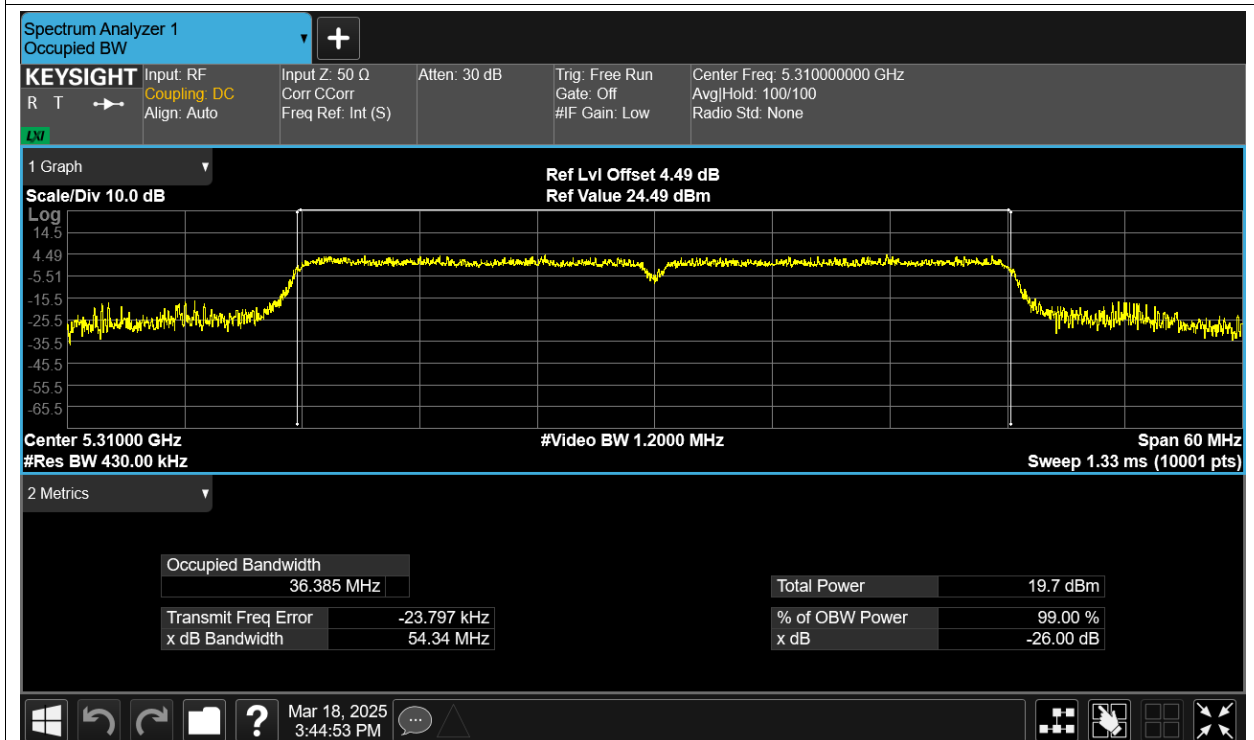
OBW NVNT ac20 5320MHz Ant12



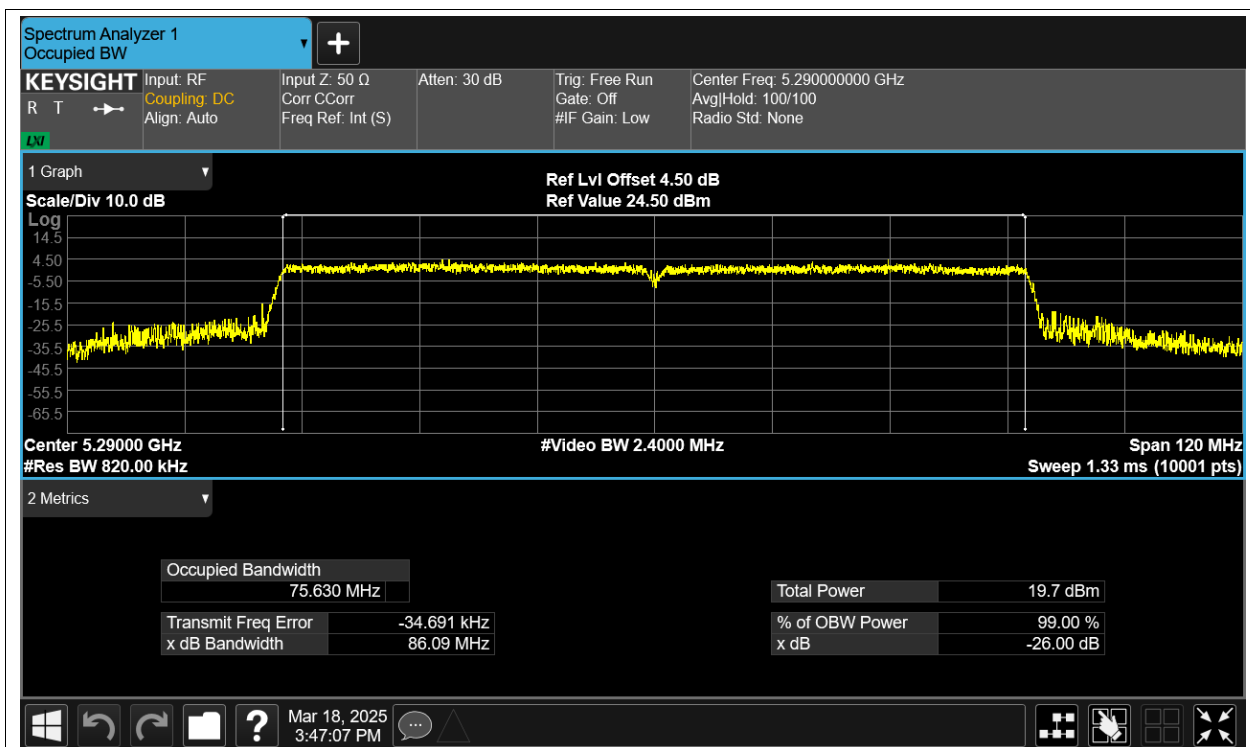
OBW NVNT ac40 5270MHz Ant12



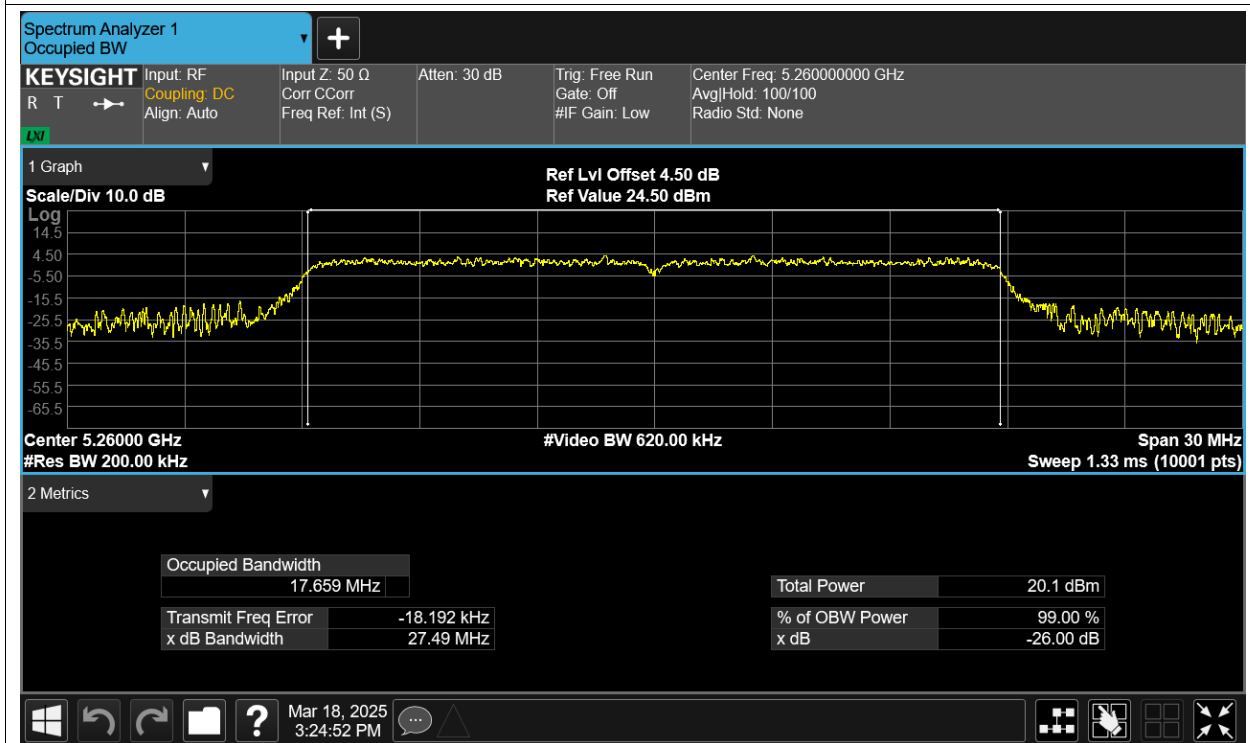
OBW NVNT ac40 5310MHz Ant12



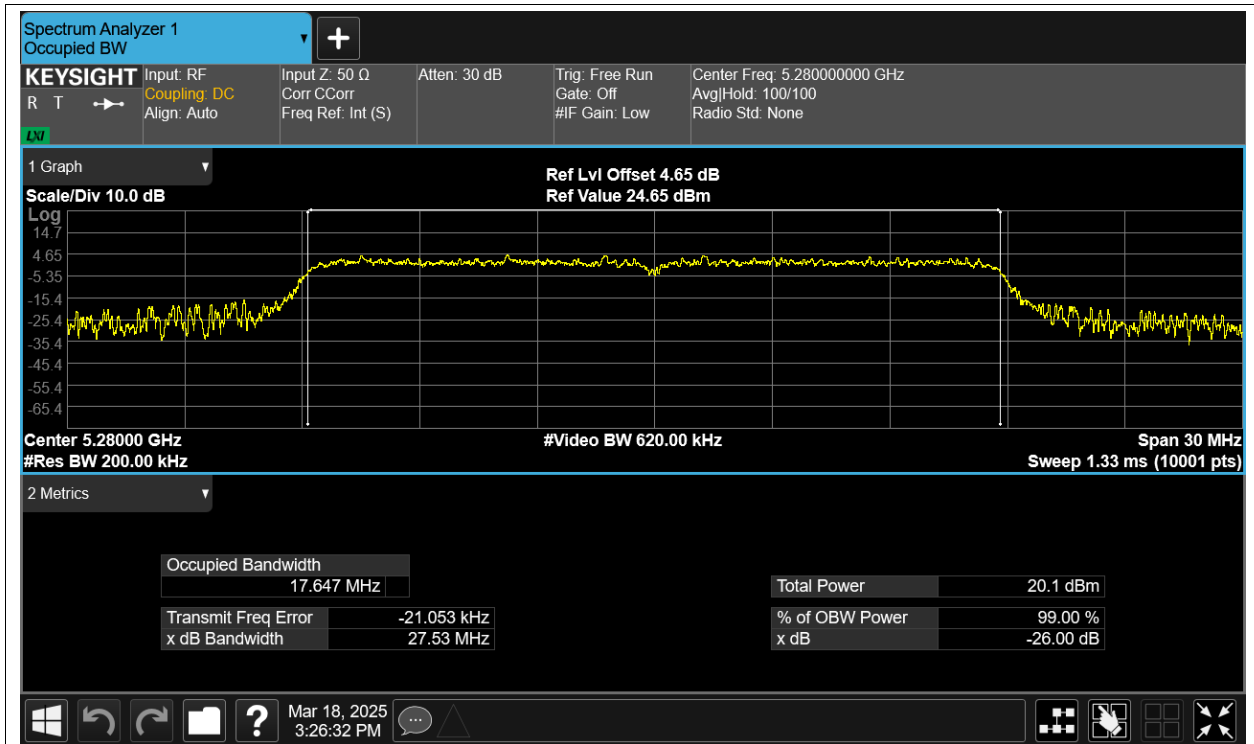
OBW NVNT ac80 5290MHz Ant12



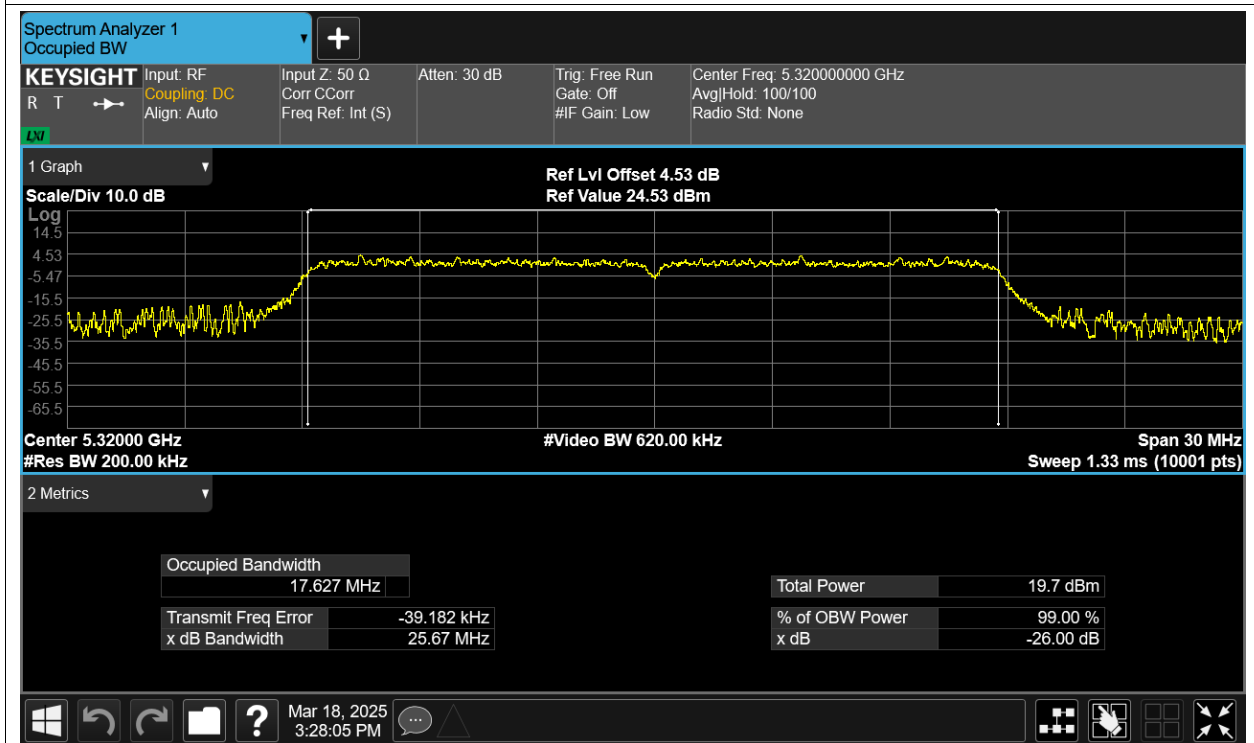
OBW NVNT n20 5260MHz Ant12



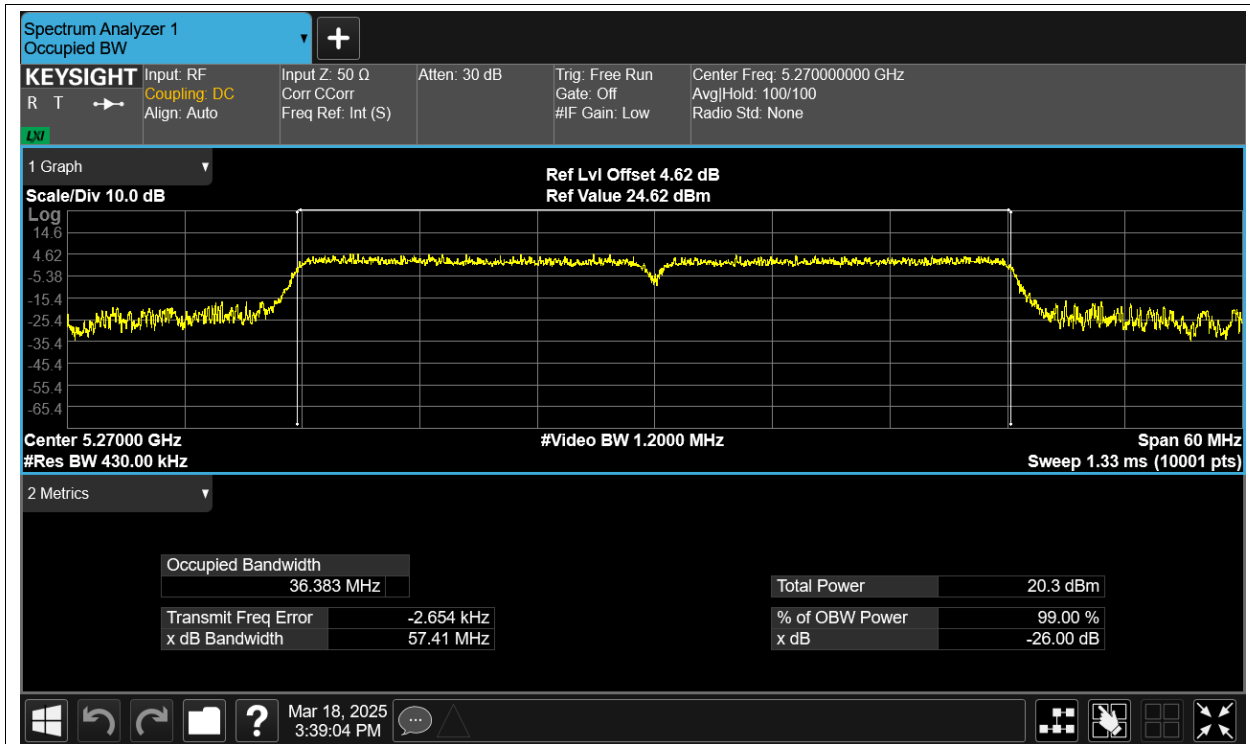
OBW NVNT n20 5280MHz Ant12



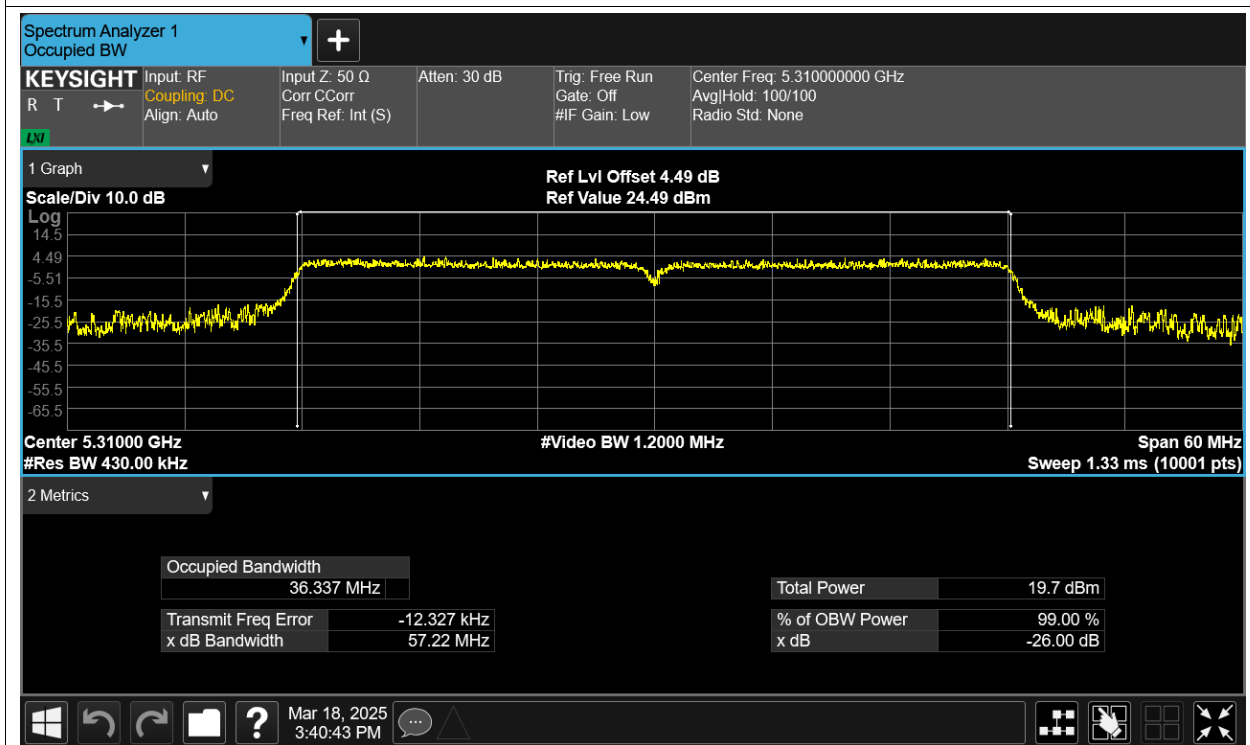
OBW NVNT n20 5320MHz Ant12



OBW NVNT n40 5270MHz Ant12



OBW NVNT n40 5310MHz Ant12

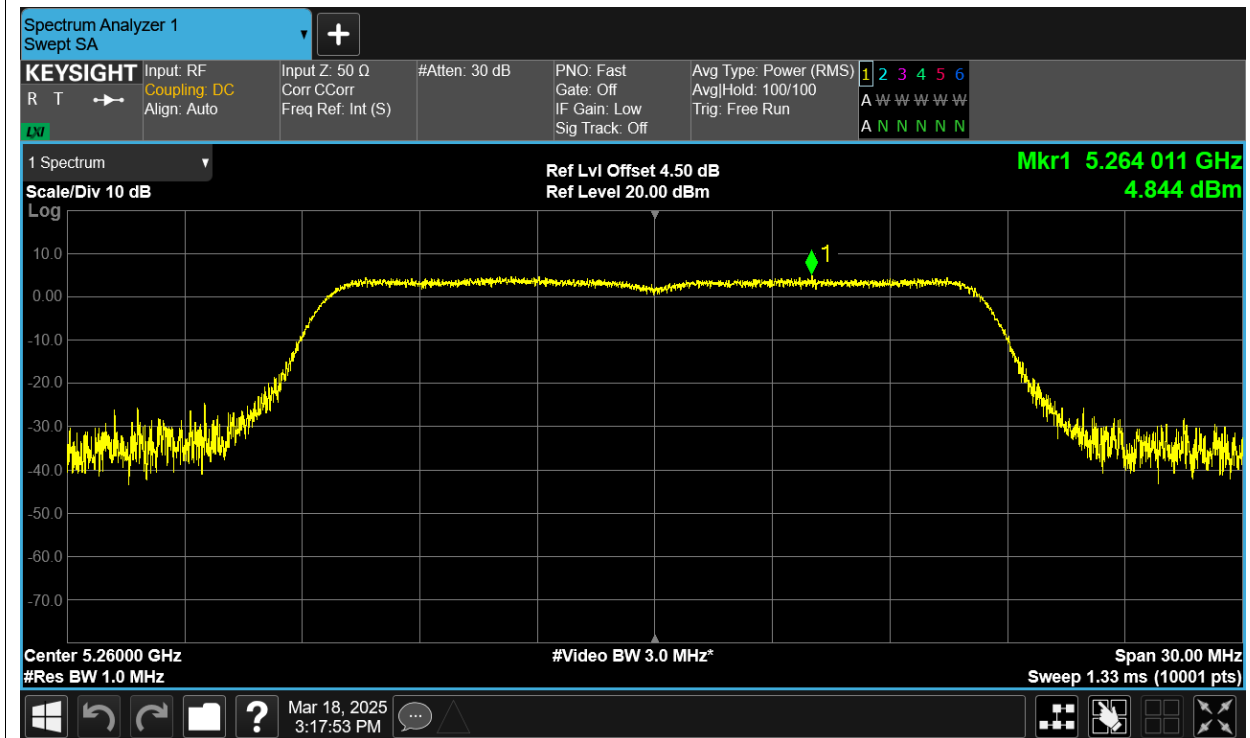


Maximum Power Spectral Density Level

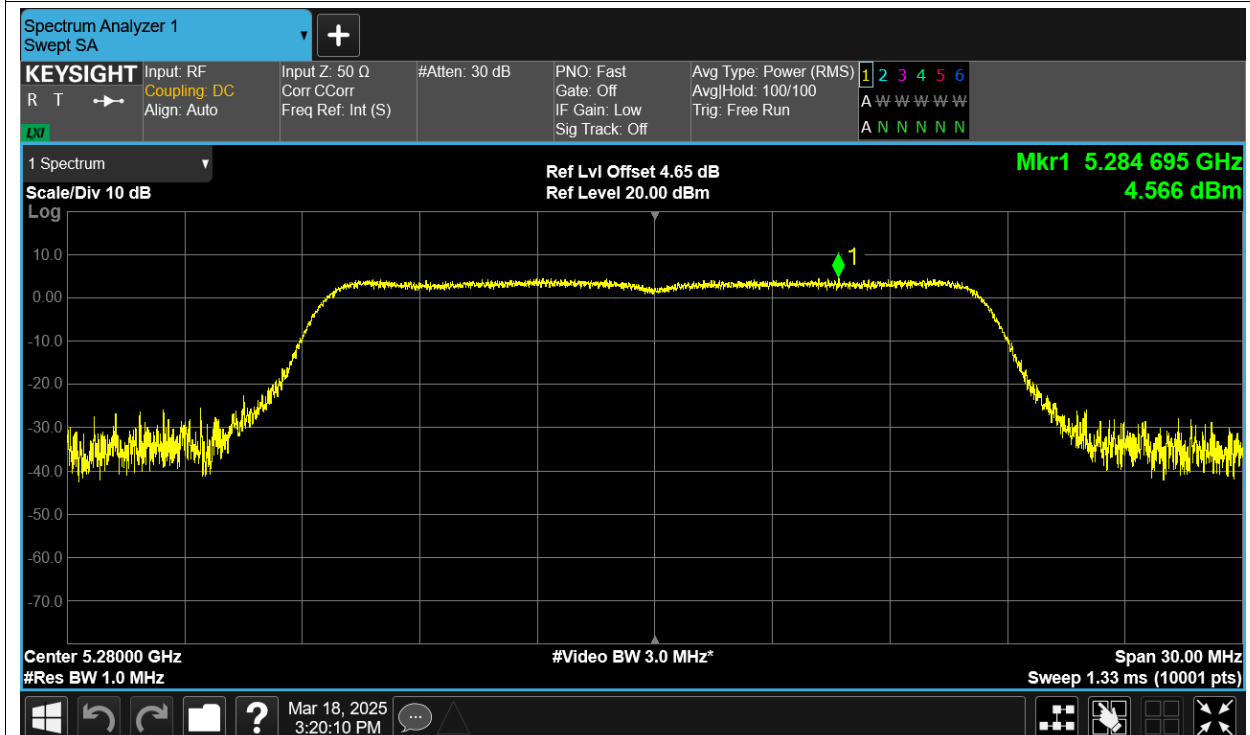
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant12	4.844	11	Pass
NVNT	a	5280	Ant12	4.566	11	Pass
NVNT	a	5320	Ant12	4.261	11	Pass
NVNT	ac20	5260	Ant12	3.352	11	Pass
NVNT	ac20	5280	Ant12	3.378	11	Pass
NVNT	ac20	5320	Ant12	2.872	11	Pass
NVNT	ac40	5270	Ant12	0.368	11	Pass
NVNT	ac40	5310	Ant12	-0.49	11	Pass
NVNT	ac80	5290	Ant12	-4.657	11	Pass
NVNT	n20	5260	Ant12	3.376	11	Pass
NVNT	n20	5280	Ant12	3.724	11	Pass
NVNT	n20	5320	Ant12	2.982	11	Pass
NVNT	n40	5270	Ant12	0.614	11	Pass
NVNT	n40	5310	Ant12	-0.417	11	Pass

Test Graphs

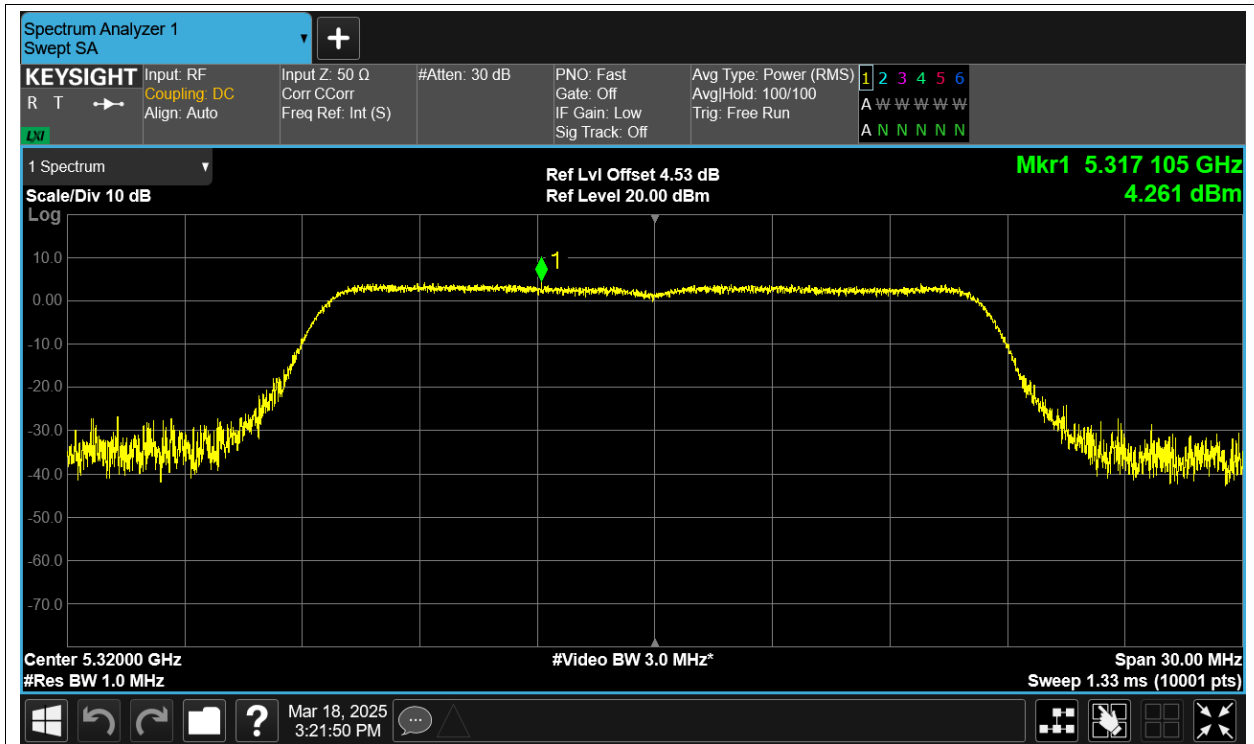
PSD NVNT a 5260MHz Ant12



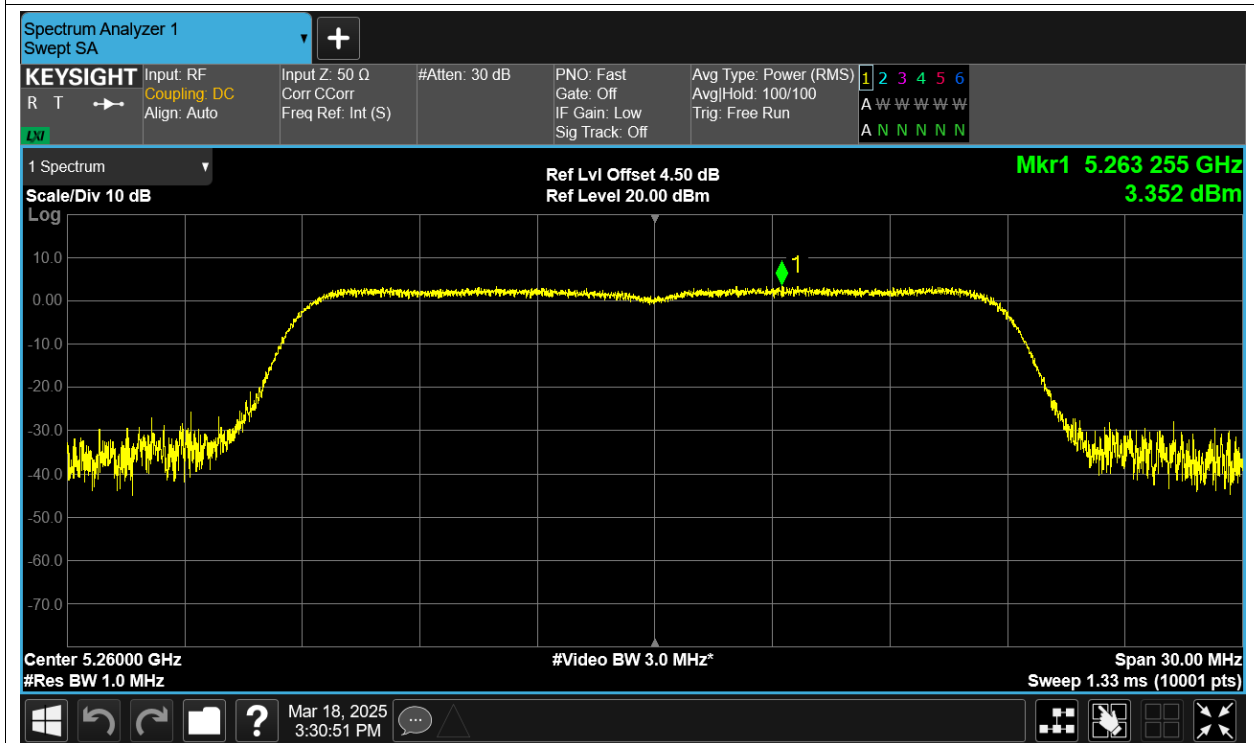
PSD NVNT a 5280MHz Ant12



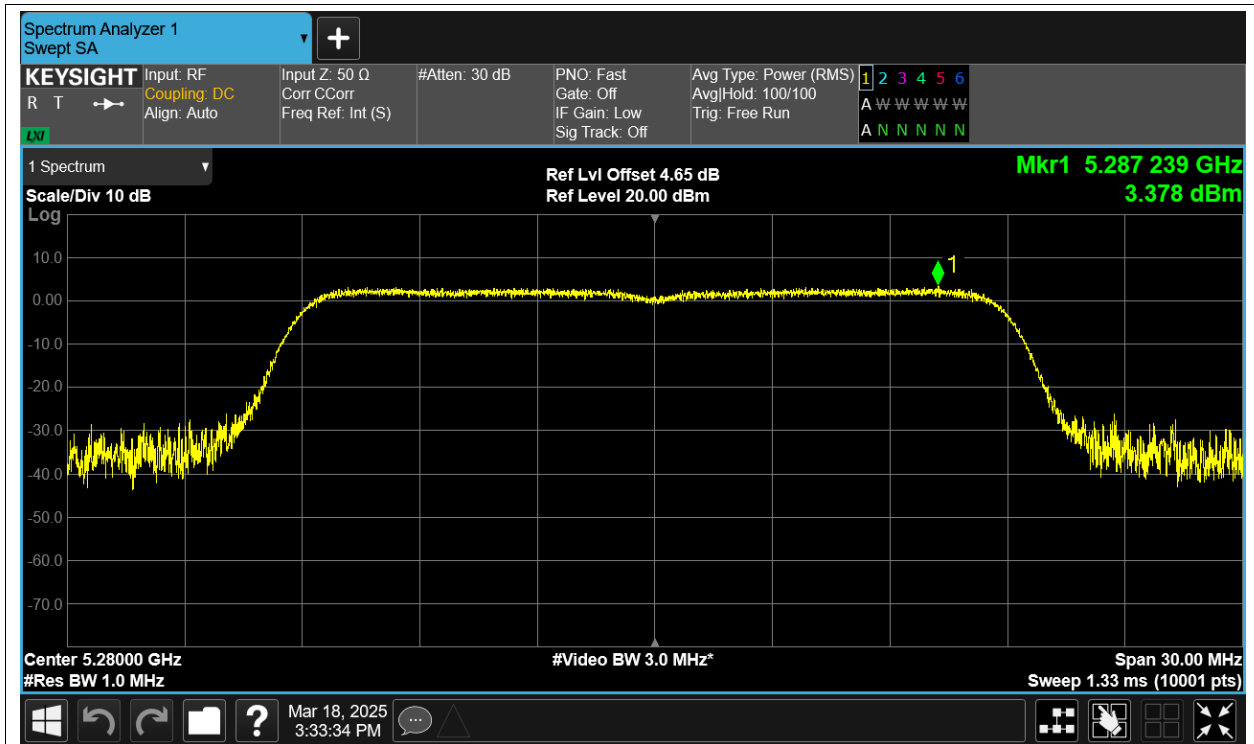
PSD NVNT a 5320MHz Ant12



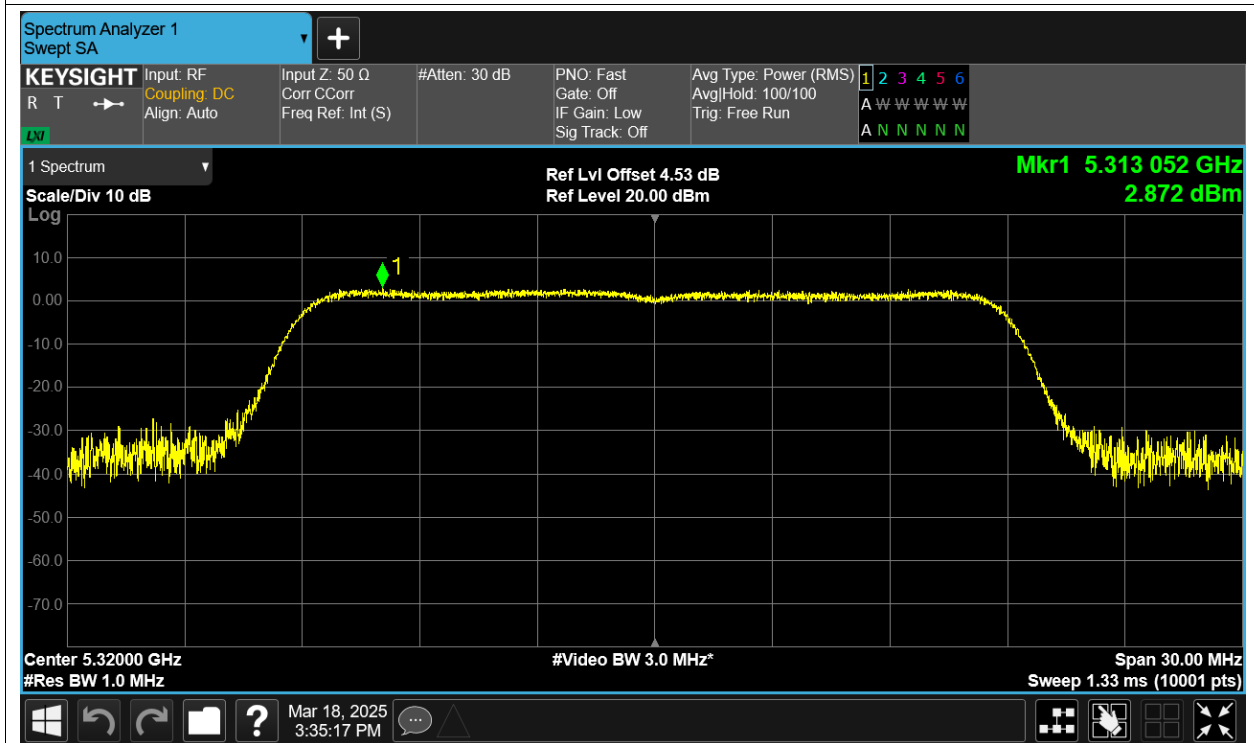
PSD NVNT ac20 5260MHz Ant12



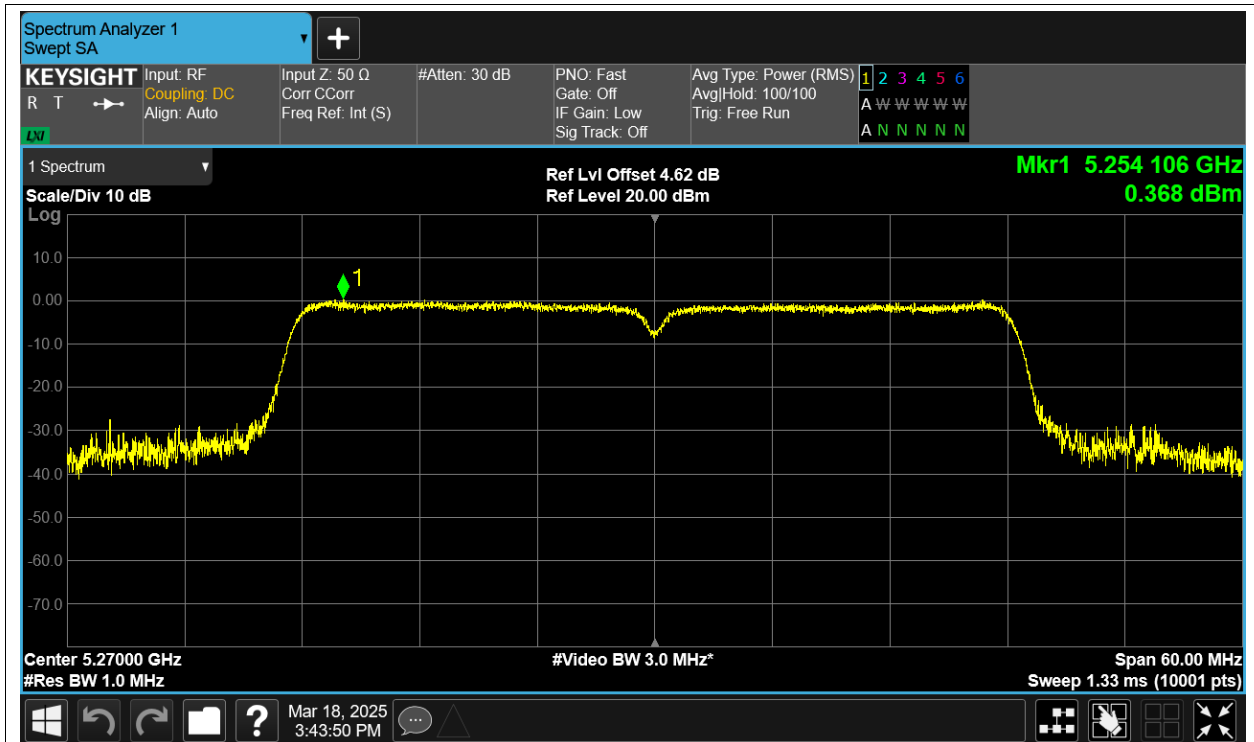
PSD NVNT ac20 5280MHz Ant12



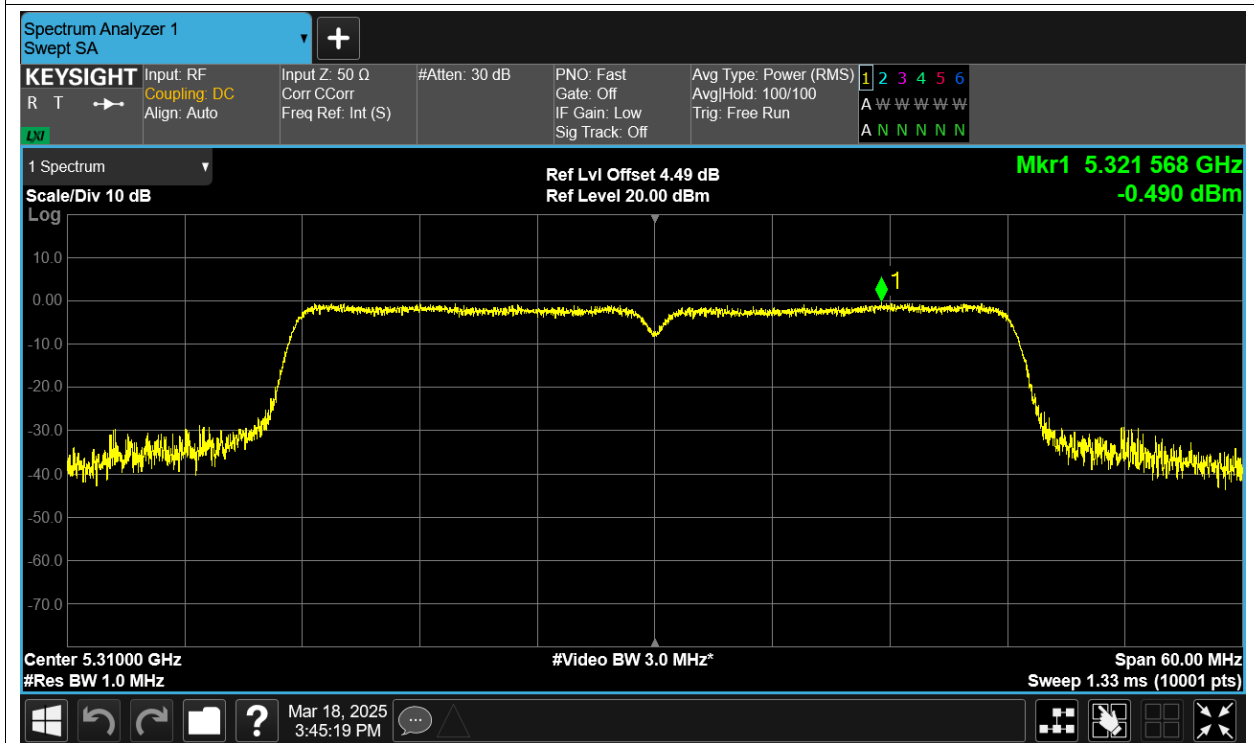
PSD NVNT ac20 5320MHz Ant12



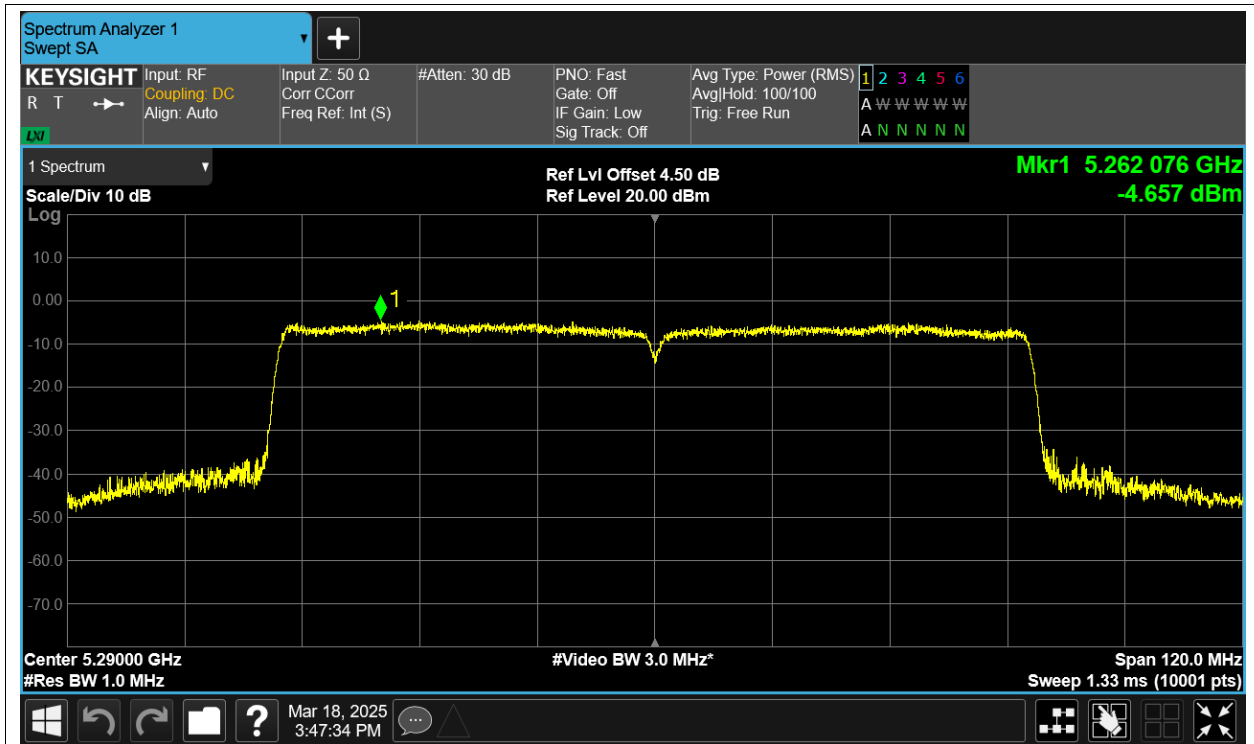
PSD NVNT ac40 5270MHz Ant12



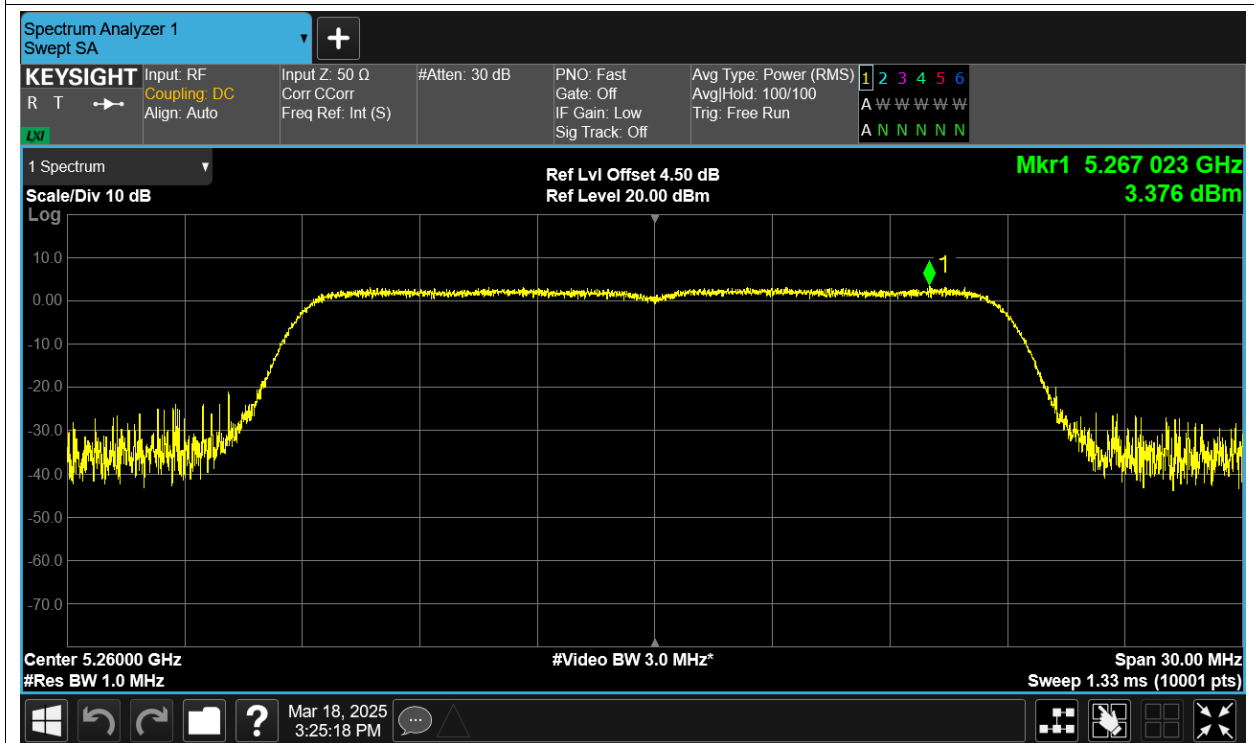
PSD NVNT ac40 5310MHz Ant12



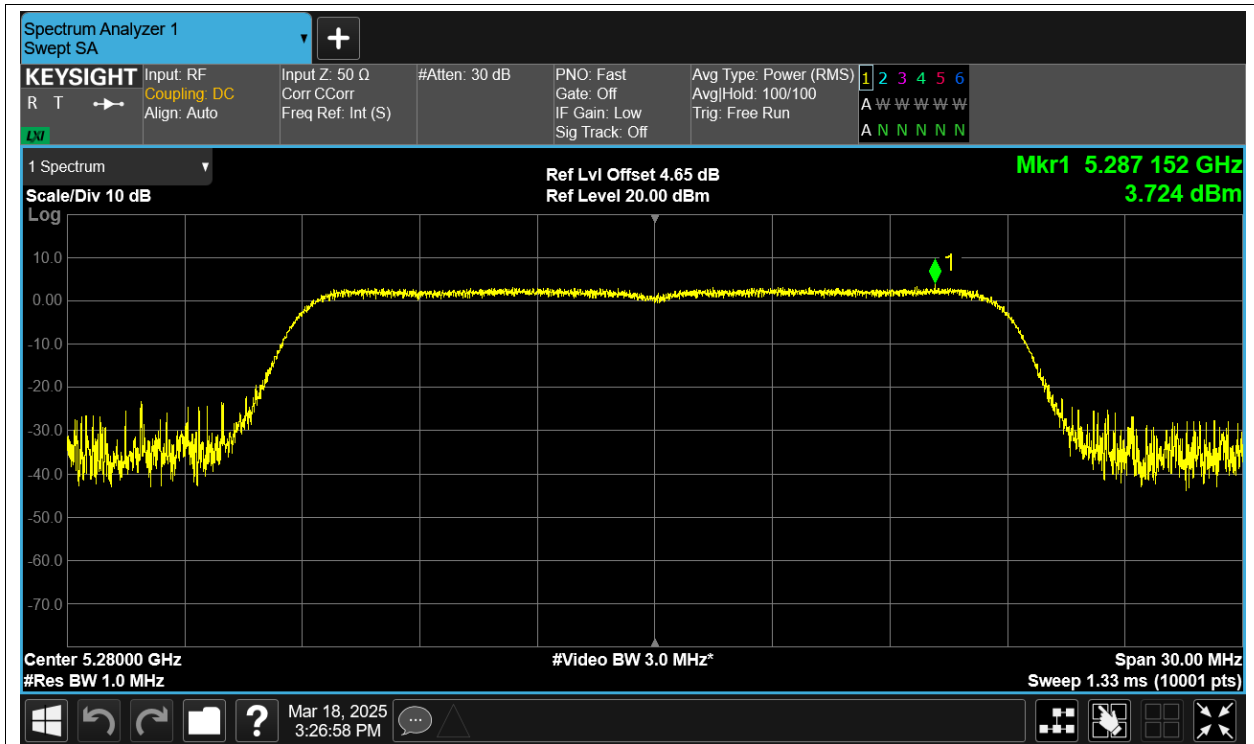
PSD NVNT ac80 5290MHz Ant12



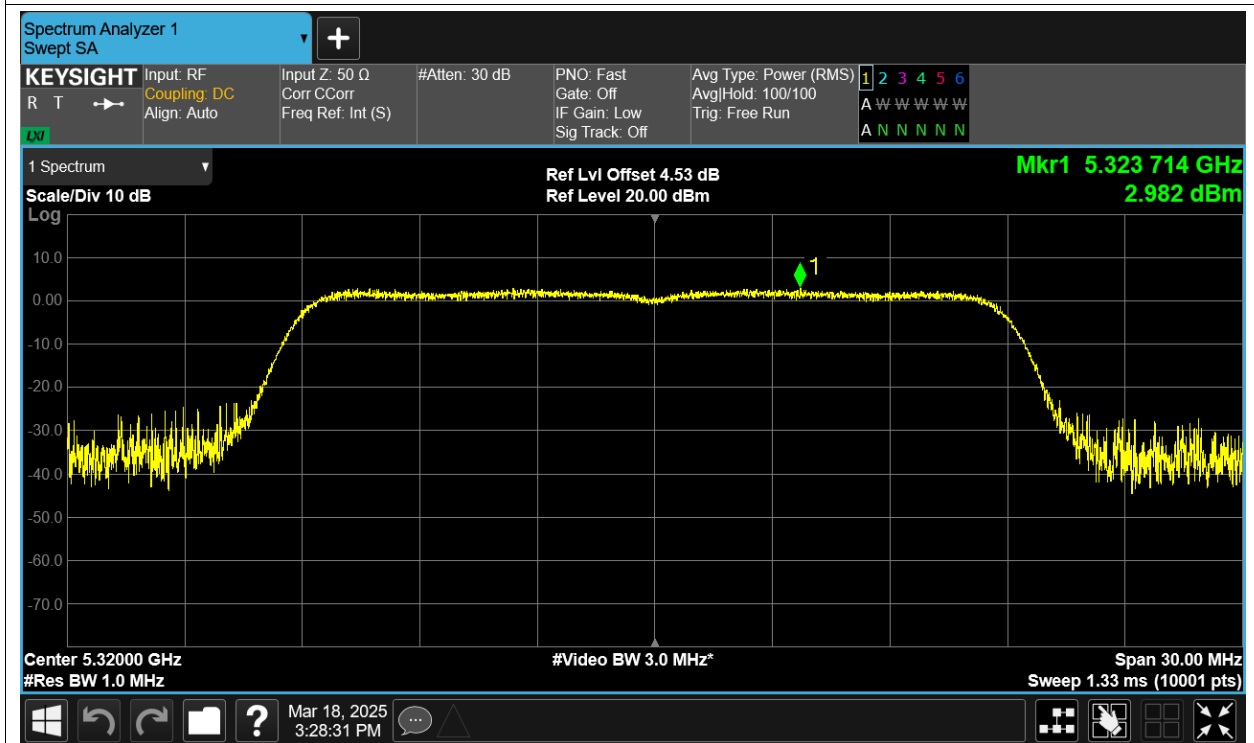
PSD NVNT n20 5260MHz Ant12



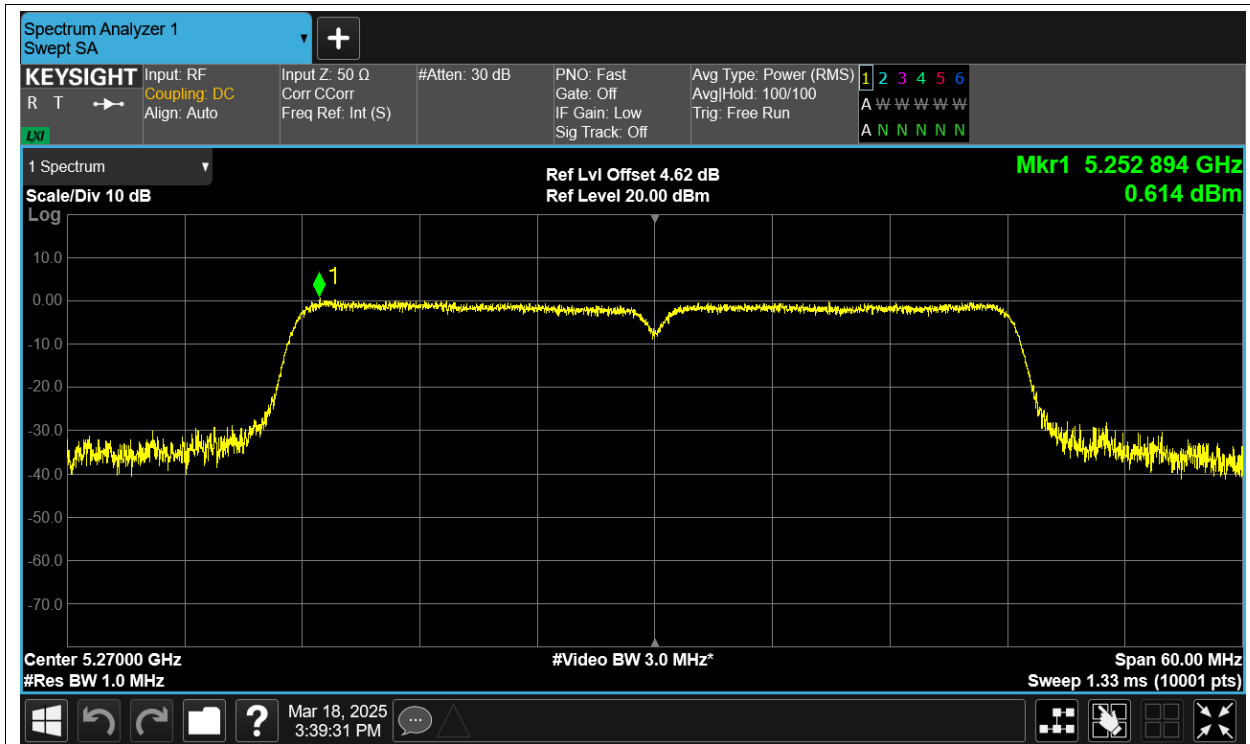
PSD NVNT n20 5280MHz Ant12



PSD NVNT n20 5320MHz Ant12



PSD NVNT n40 5270MHz Ant12



PSD NVNT n40 5310MHz Ant12

