

Test Data

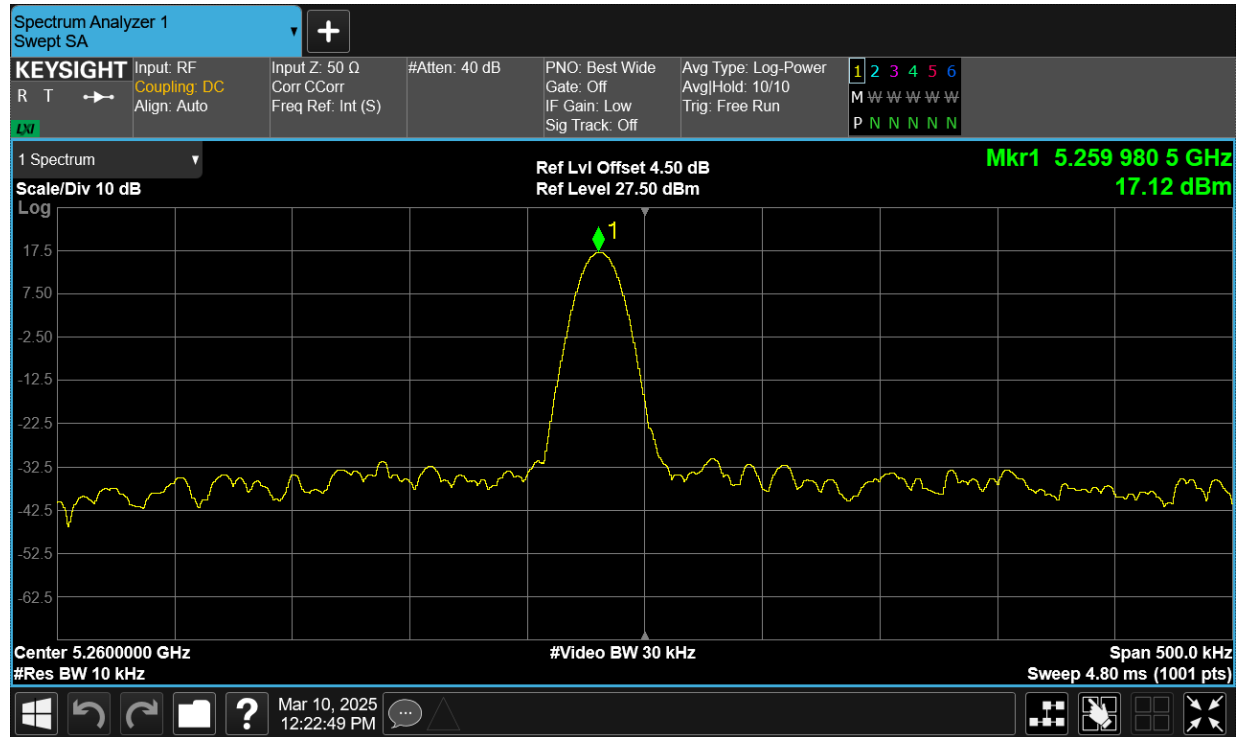
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.9805	-3.71	Within authorized band	Pass
LVNT	a	5260	Ant1	5259.9805	-3.71		Pass
NVHT	a	5260	Ant1	5259.981	-3.61		Pass
NVLT	a	5260	Ant1	5259.9815	-3.52		Pass
NVNT	a	5260	Ant1	5259.9825	-3.33		Pass
HVNT	ac80	5290	Ant1	5289.978	-4.16		Pass
LVNT	ac80	5290	Ant1	5289.979	-3.97		Pass
NVHT	ac80	5290	Ant1	5289.979	-3.97		Pass
NVLT	ac80	5290	Ant1	5289.979	-3.97		Pass
NVNT	ac80	5290	Ant1	5289.98	-3.78		Pass
HVNT	n40	5270	Ant1	5269.979	-3.98		Pass
LVNT	n40	5270	Ant1	5269.979	-3.98		Pass
NVHT	n40	5270	Ant1	5269.979	-3.98		Pass
NVLT	n40	5270	Ant1	5269.9795	-3.89		Pass
NVNT	n40	5270	Ant1	5269.981	-3.61		Pass

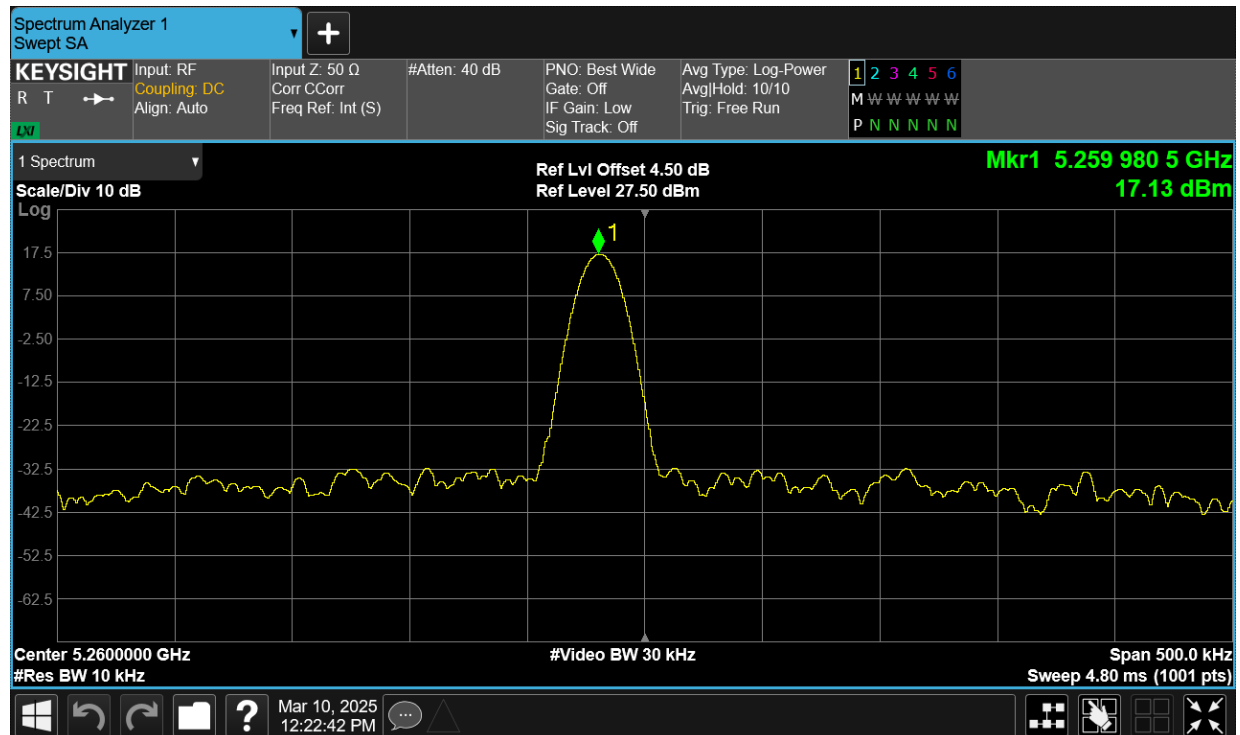
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

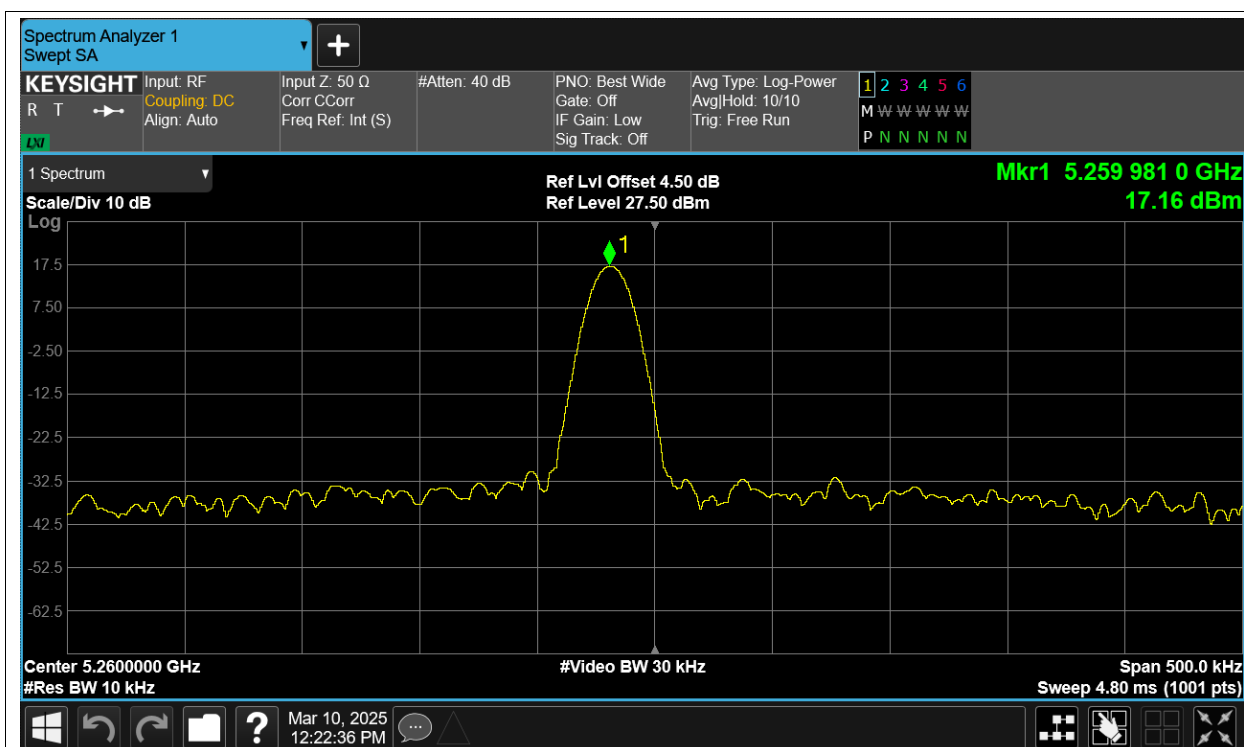
Freq. Stability HVNT a 5260MHz Ant1



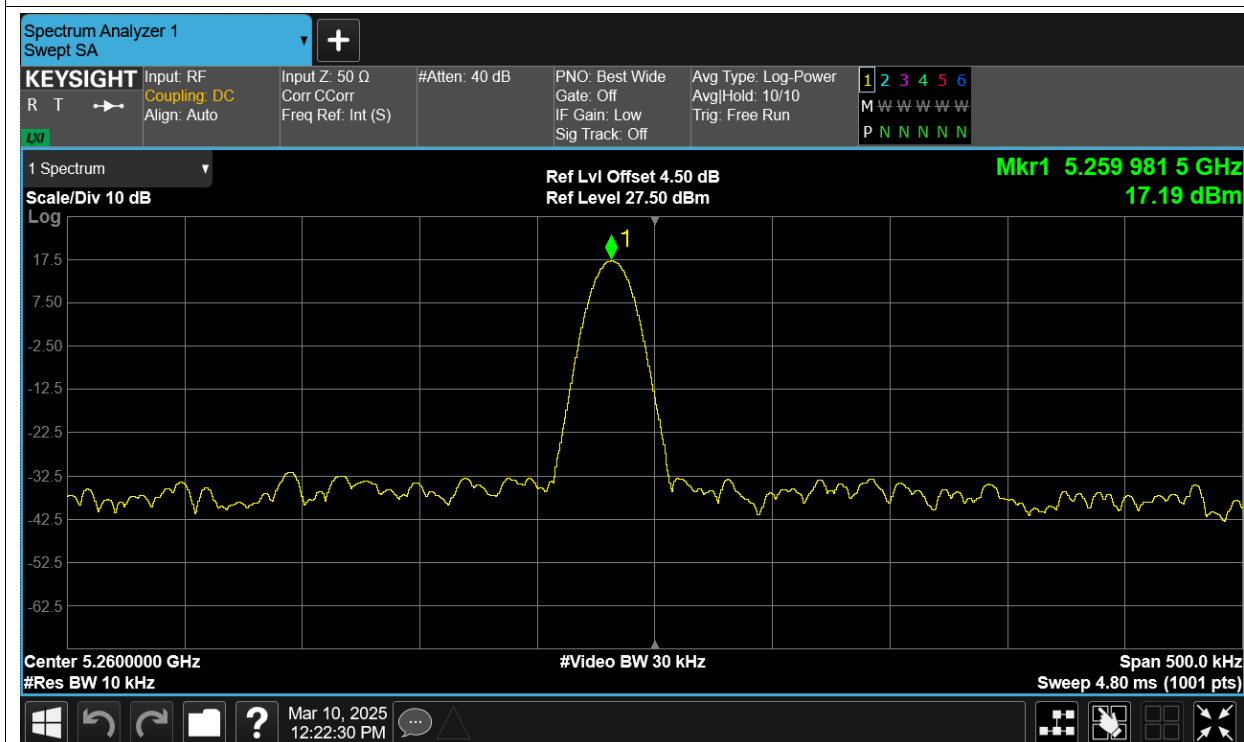
Freq. Stability LVNT a 5260MHz Ant1



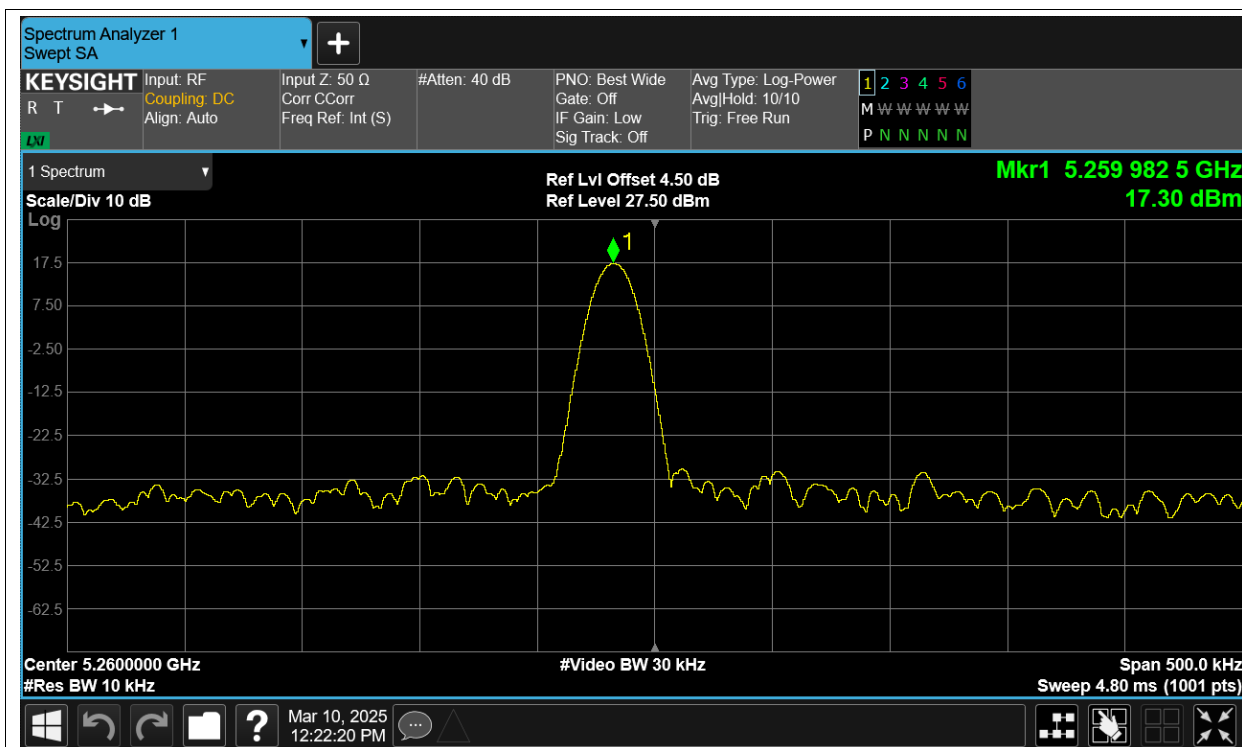
Freq. Stability NVHT a 5260MHz Ant1



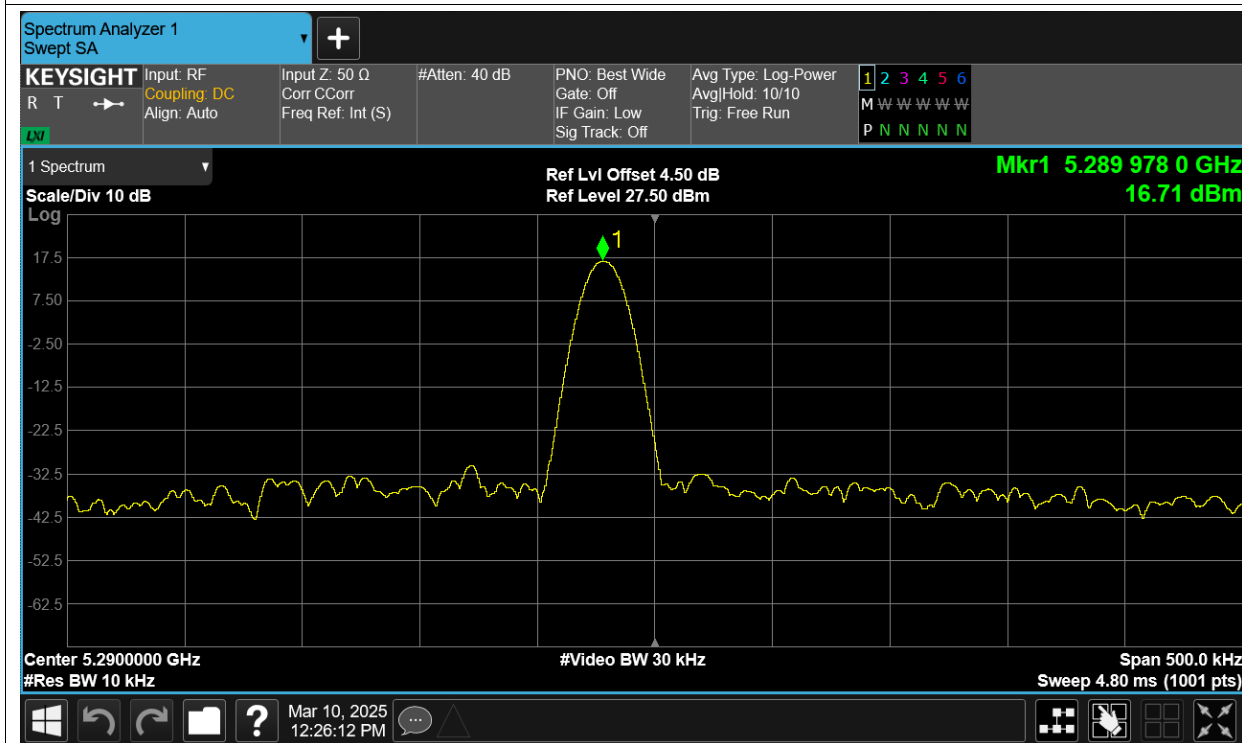
Freq. Stability NVLT a 5260MHz Ant1



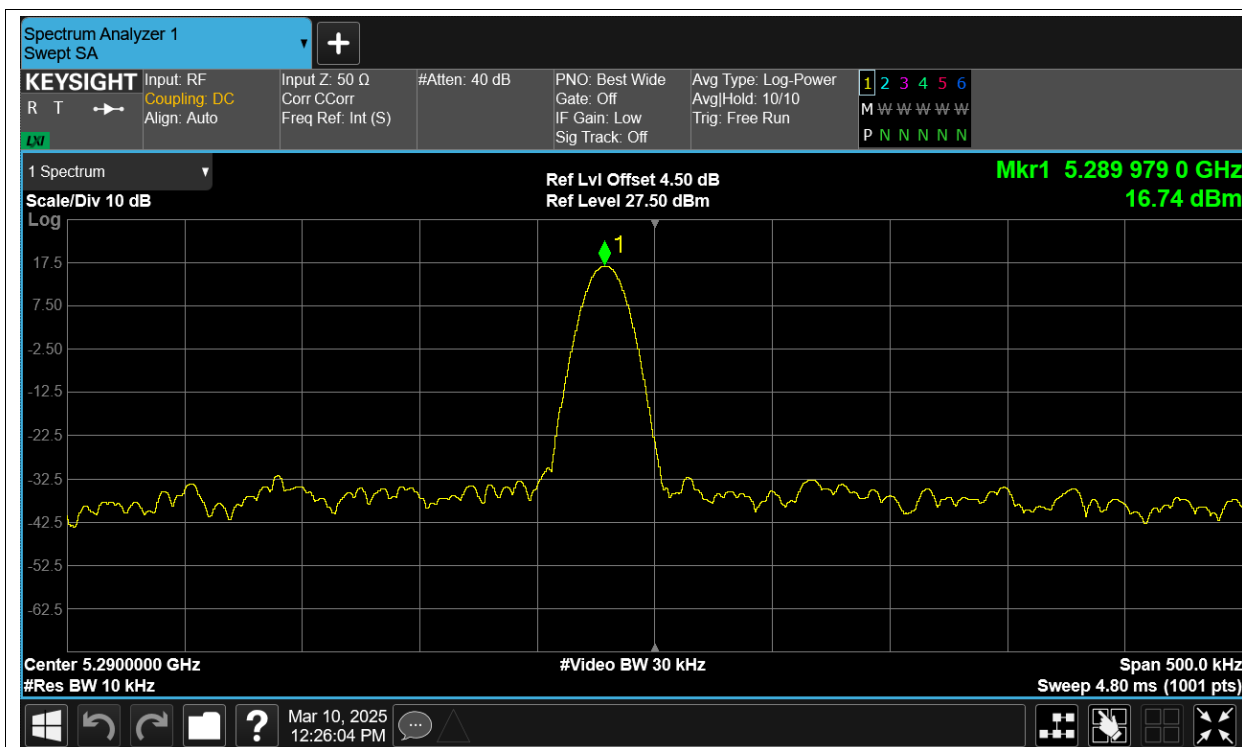
Freq. Stability NVNT a 5260MHz Ant1



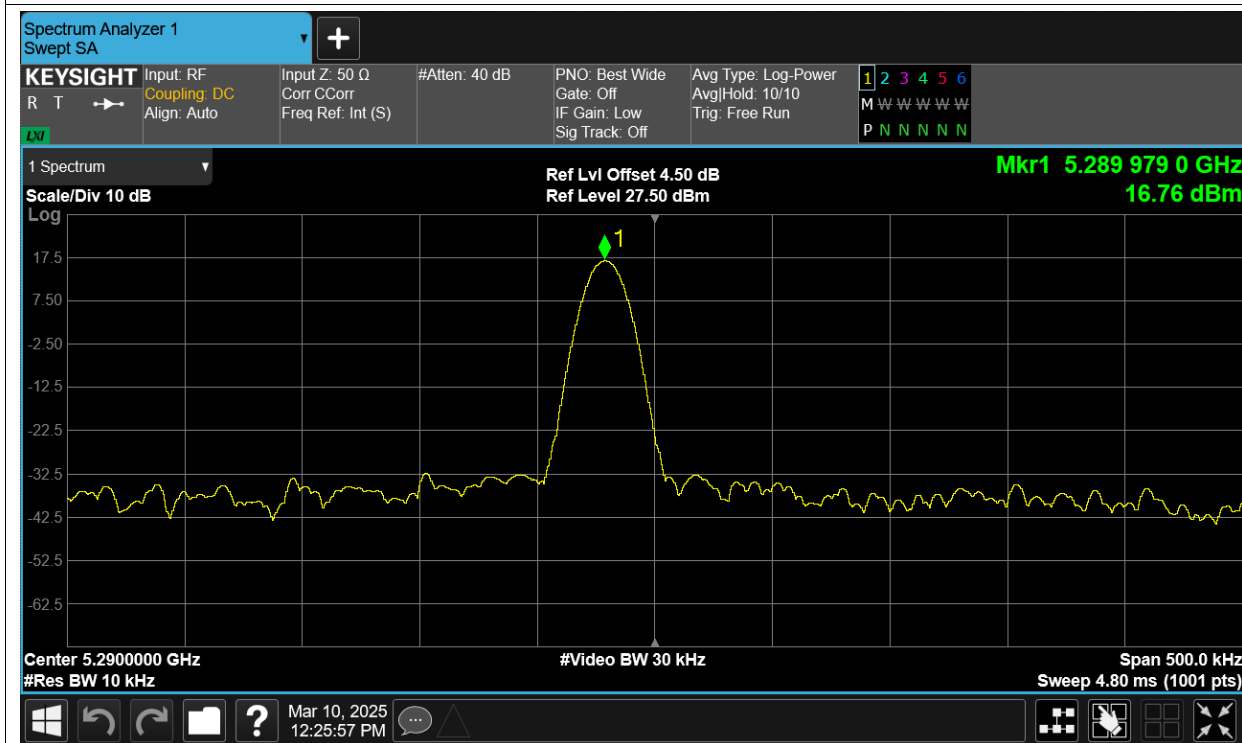
Freq. Stability HVNT ac80 5290MHz Ant1



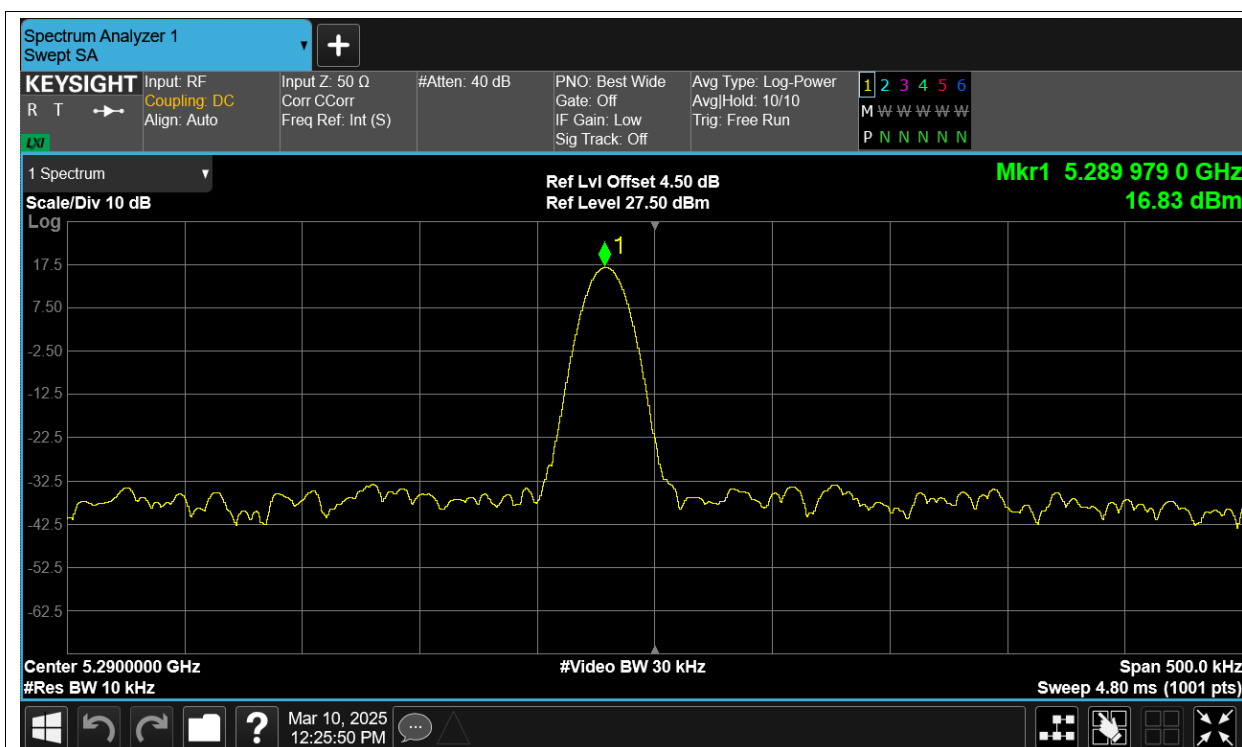
Freq. Stability LVNT ac80 5290MHz Ant1



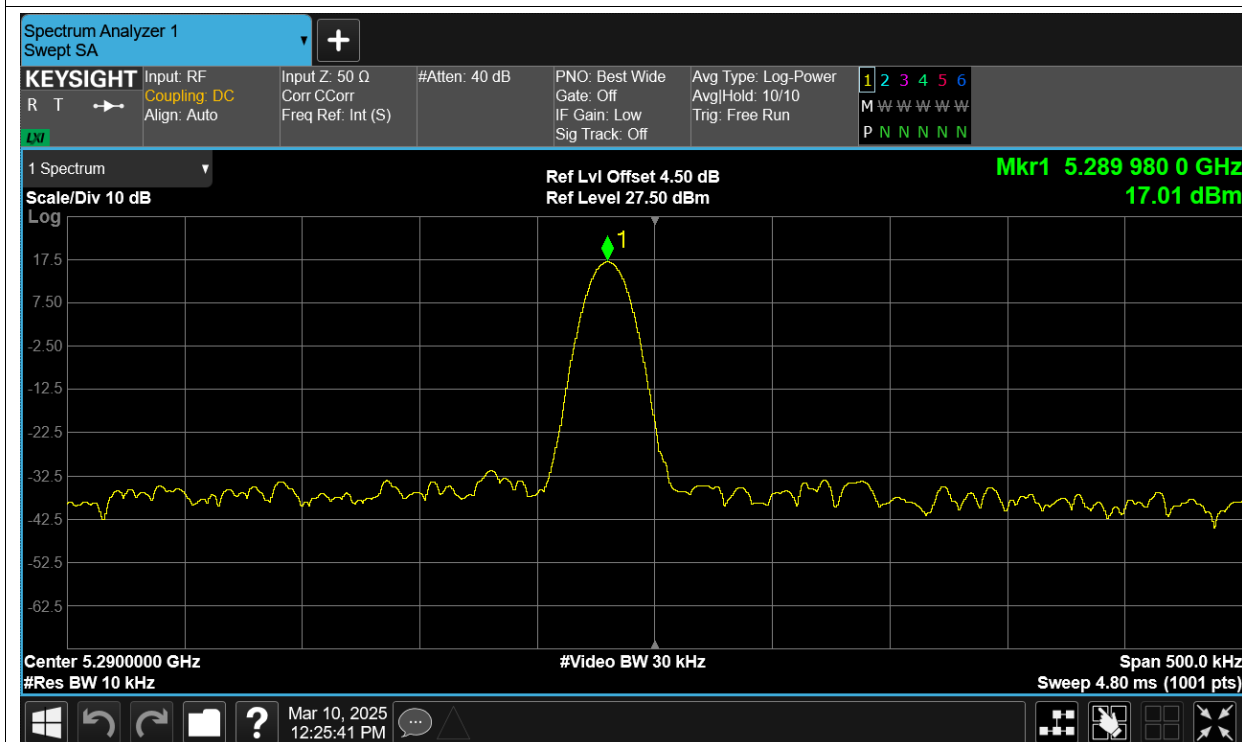
Freq. Stability NVHT ac80 5290MHz Ant1



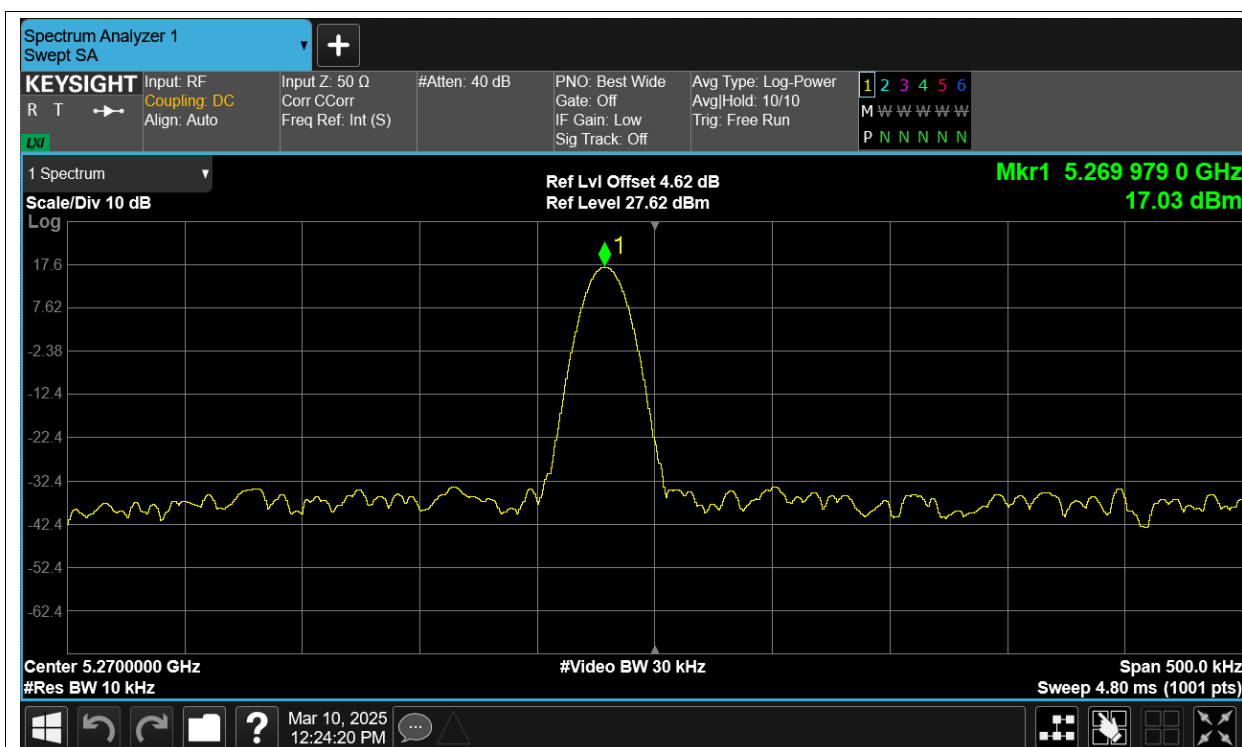
Freq. Stability NVLT ac80 5290MHz Ant1



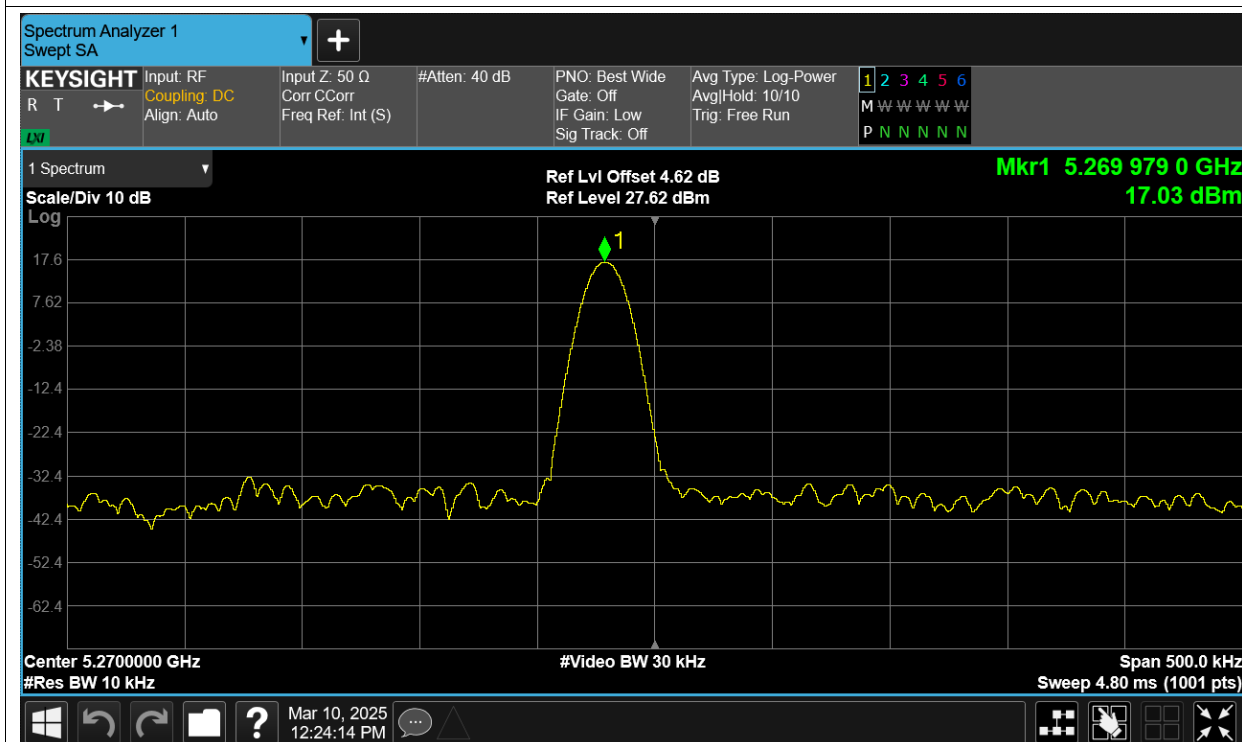
Freq. Stability NVNT ac80 5290MHz Ant1



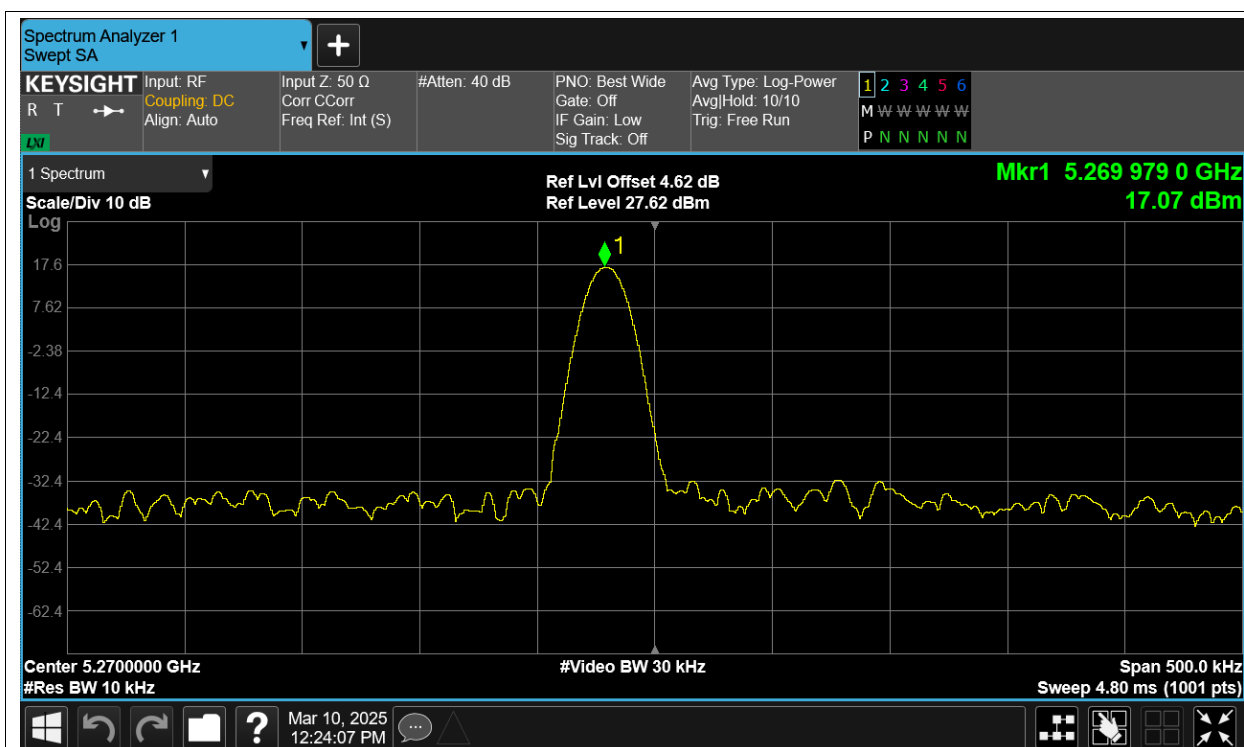
Freq. Stability HVNT n40 5270MHz Ant1



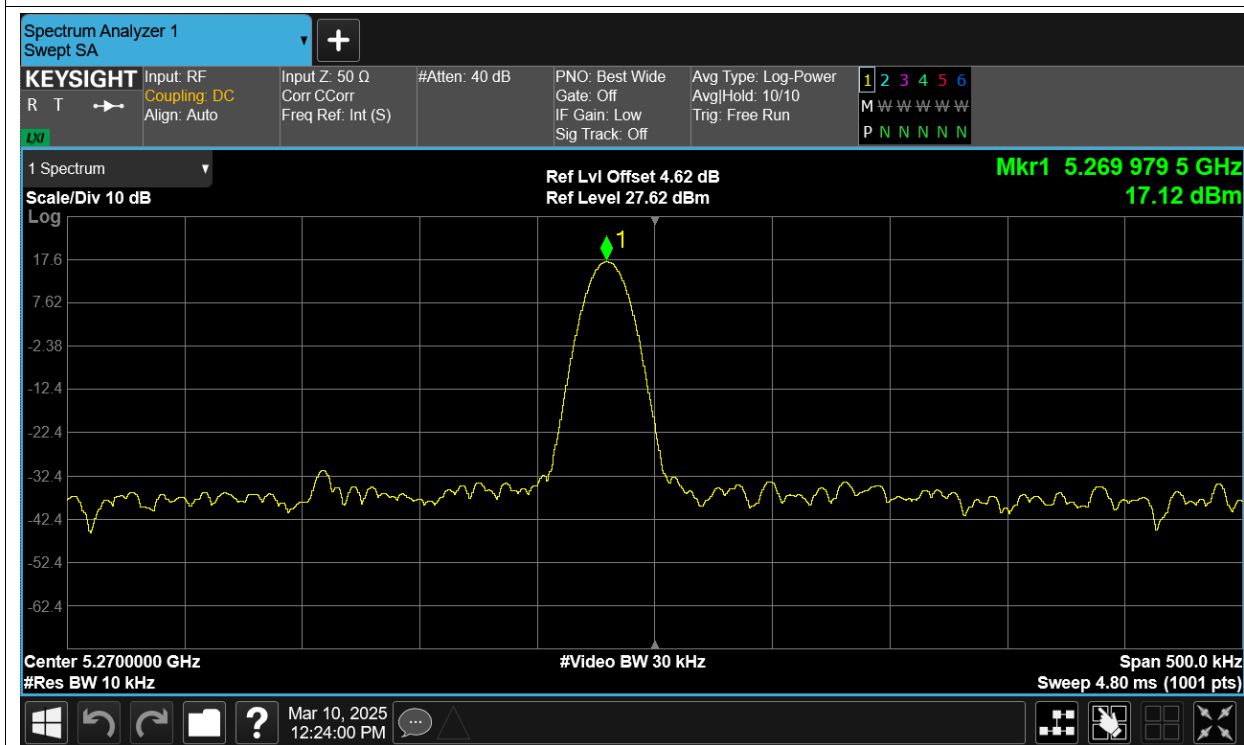
Freq. Stability LVNT n40 5270MHz Ant1



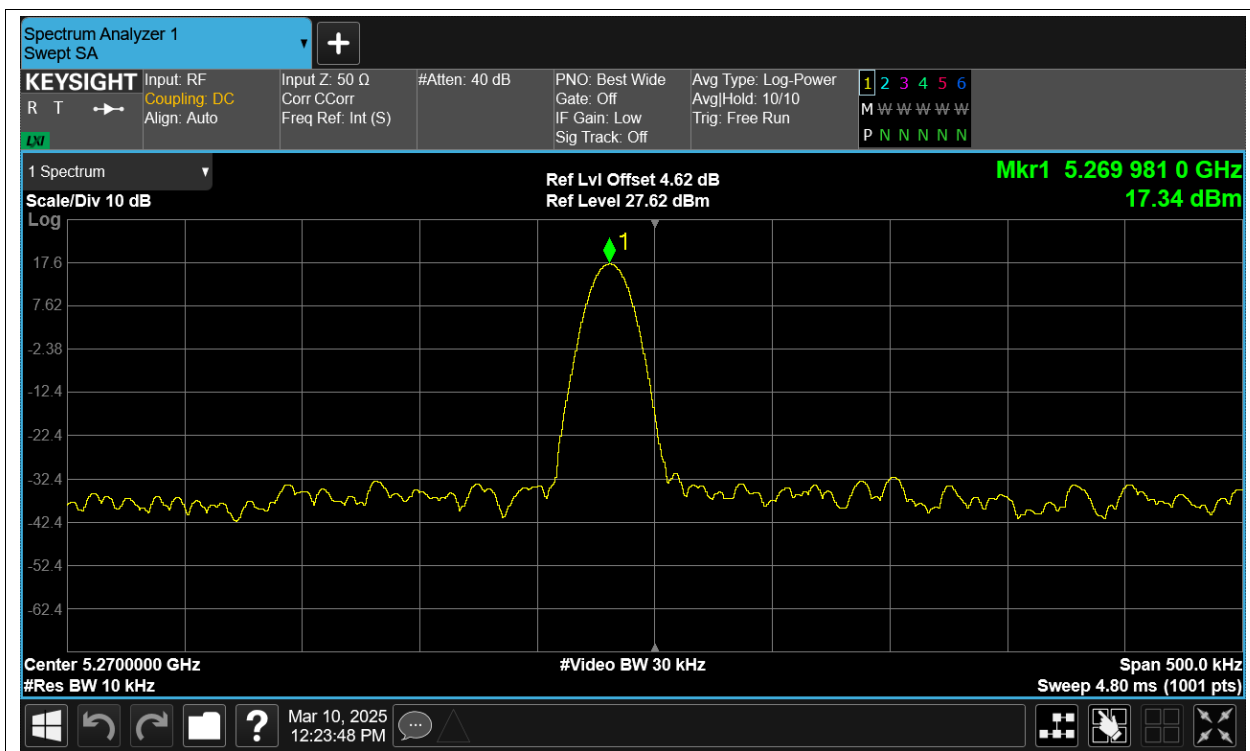
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1

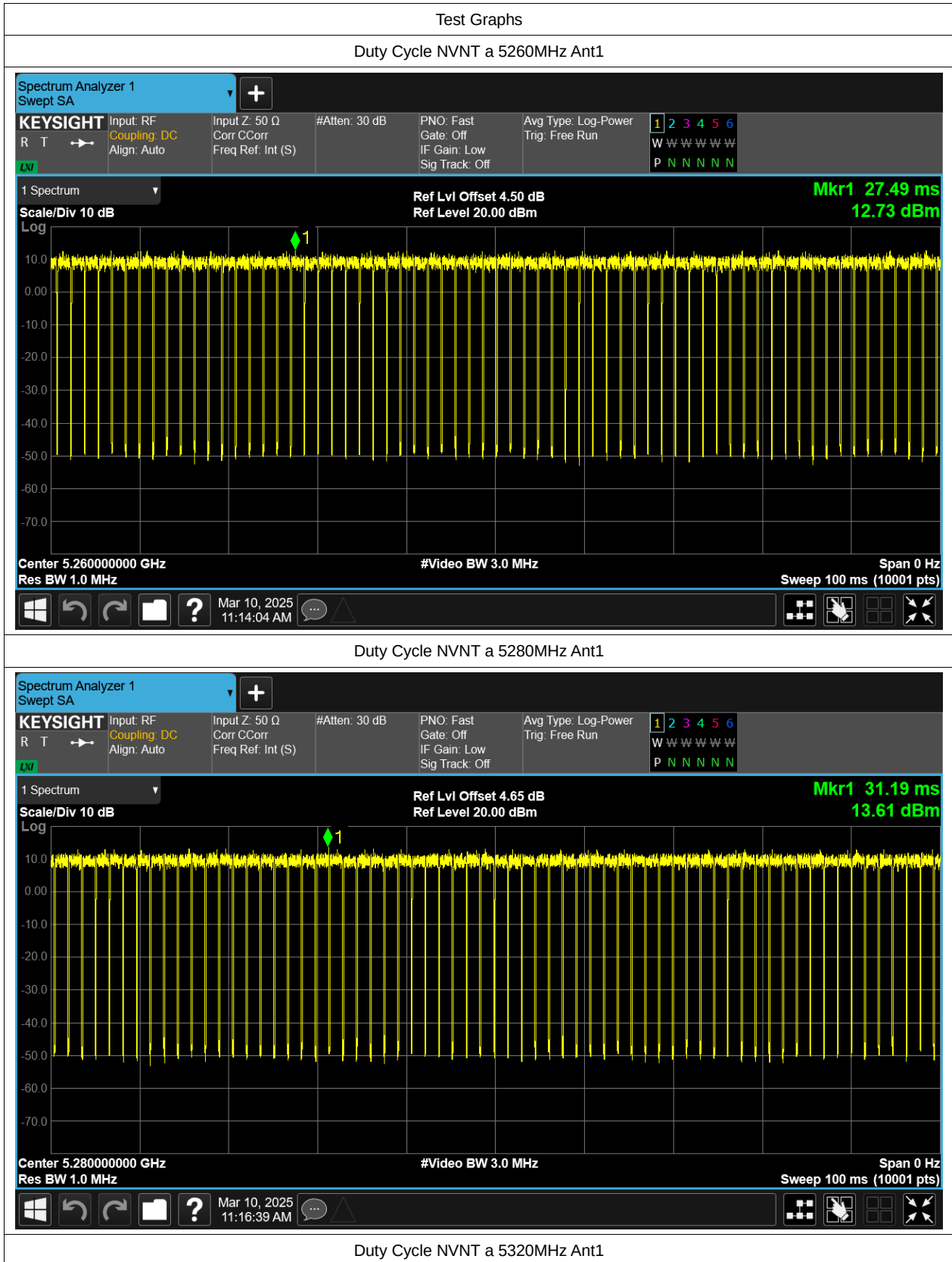


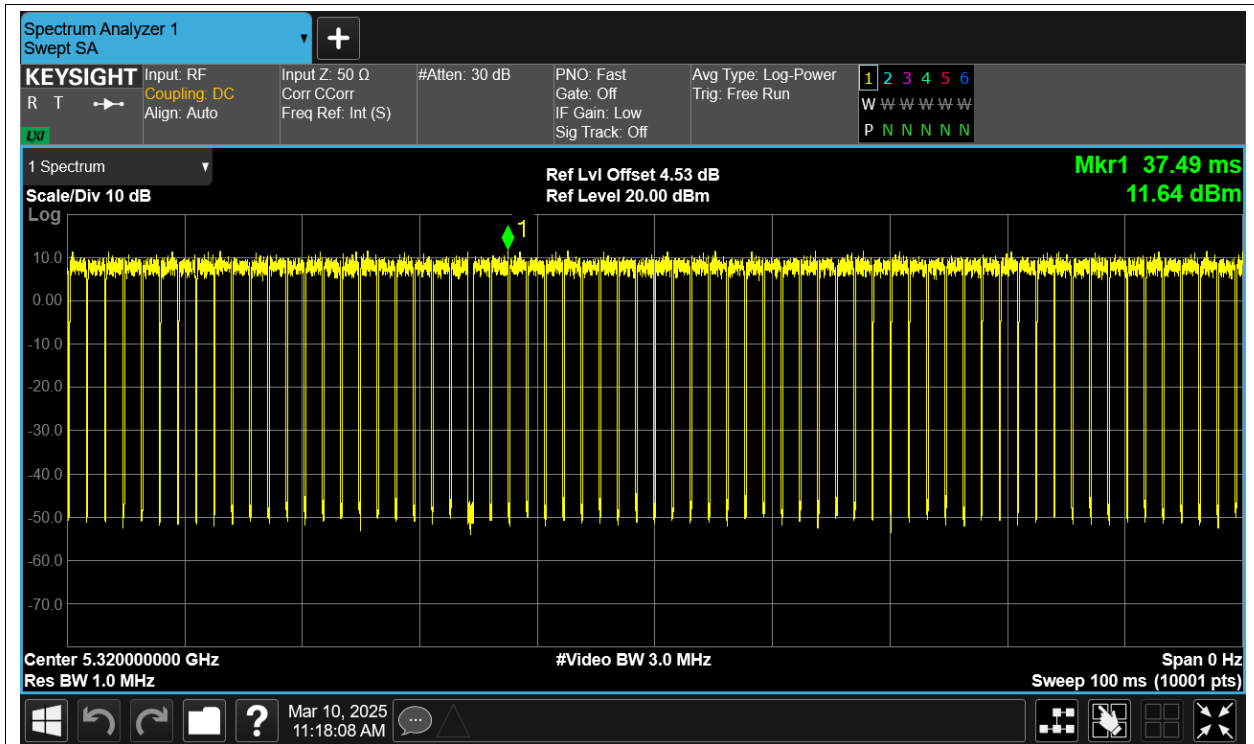
Freq. Stability NVNT n40 5270MHz Ant1



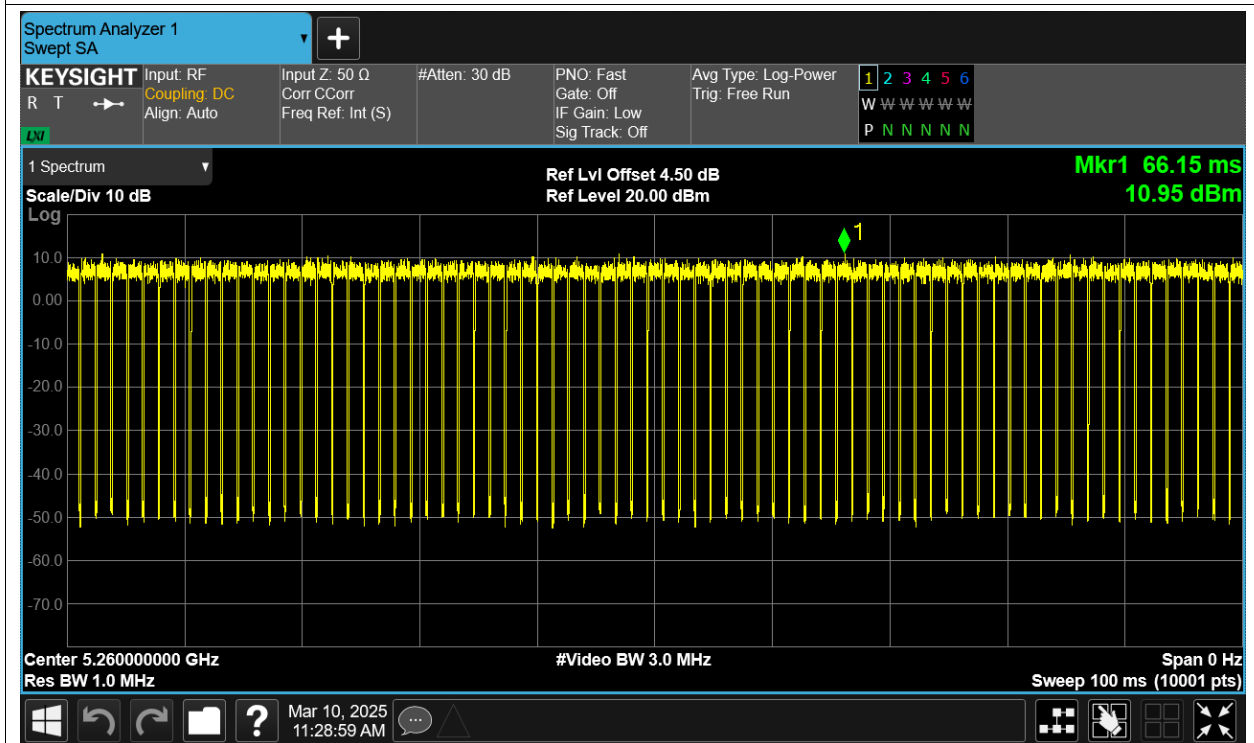
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	90.8	0.42
NVNT	a	5280	Ant1	90.81	0.42
NVNT	a	5320	Ant1	90.39	0.44
NVNT	ac20	5260	Ant1	89.37	0.49
NVNT	ac20	5280	Ant1	89.24	0.49
NVNT	ac20	5320	Ant1	89.32	0.49
NVNT	ac40	5270	Ant1	80.43	0.95
NVNT	ac40	5310	Ant1	80.49	0.94
NVNT	ac80	5290	Ant1	68.64	1.63
NVNT	n20	5260	Ant1	89.08	0.5
NVNT	n20	5280	Ant1	89.11	0.5
NVNT	n20	5320	Ant1	88.97	0.51
NVNT	n40	5270	Ant1	80.6	0.94
NVNT	n40	5310	Ant1	80.66	0.93

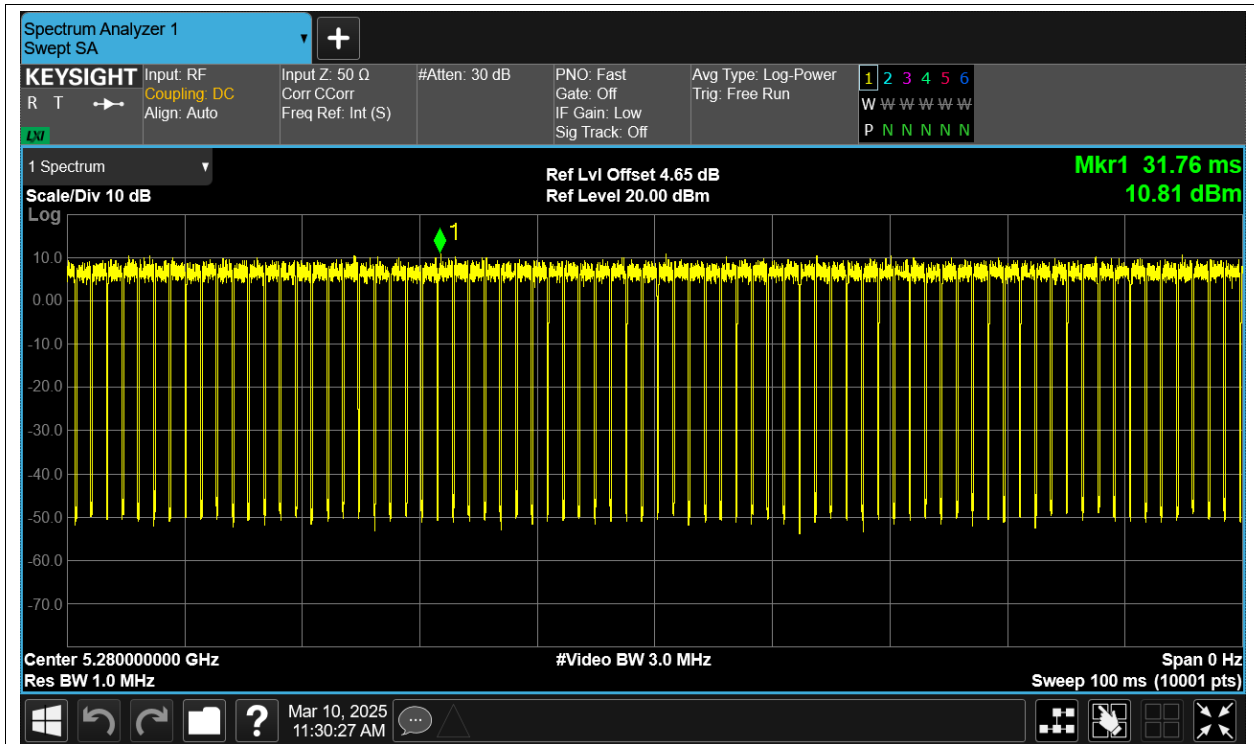




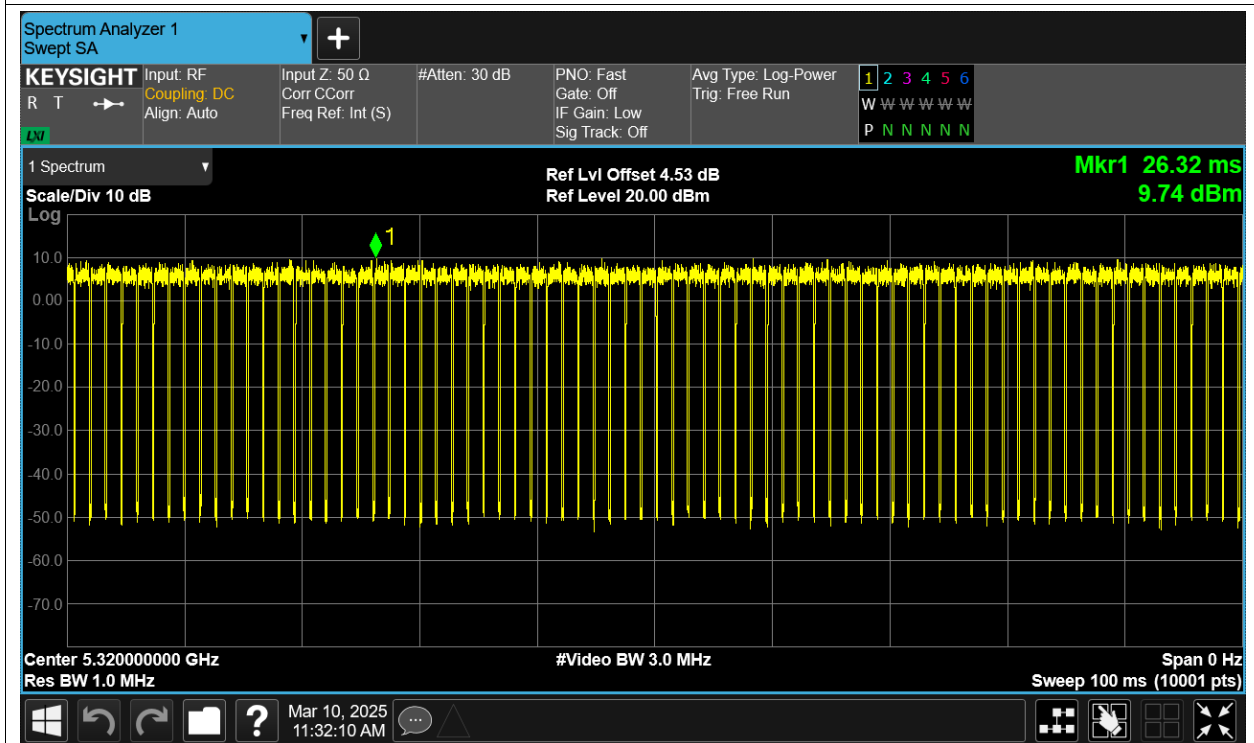
Duty Cycle NVNT ac20 5260MHz Ant1



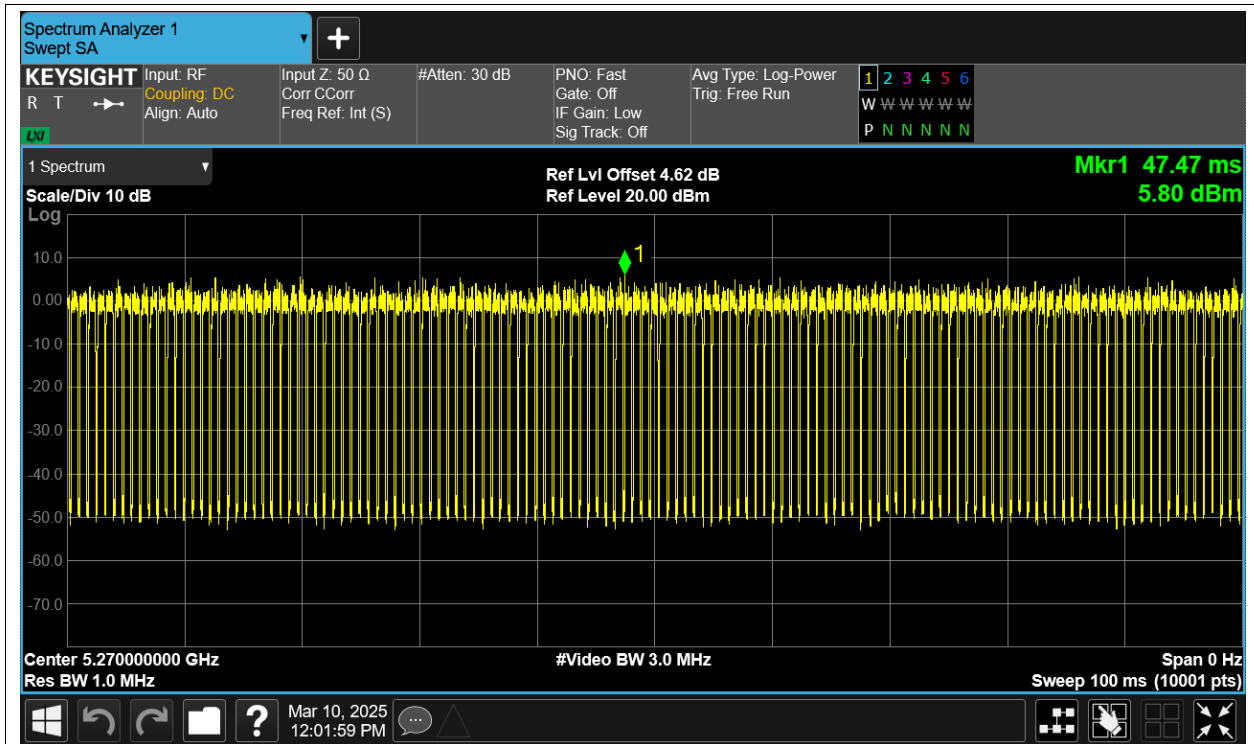
Duty Cycle NVNT ac20 5280MHz Ant1



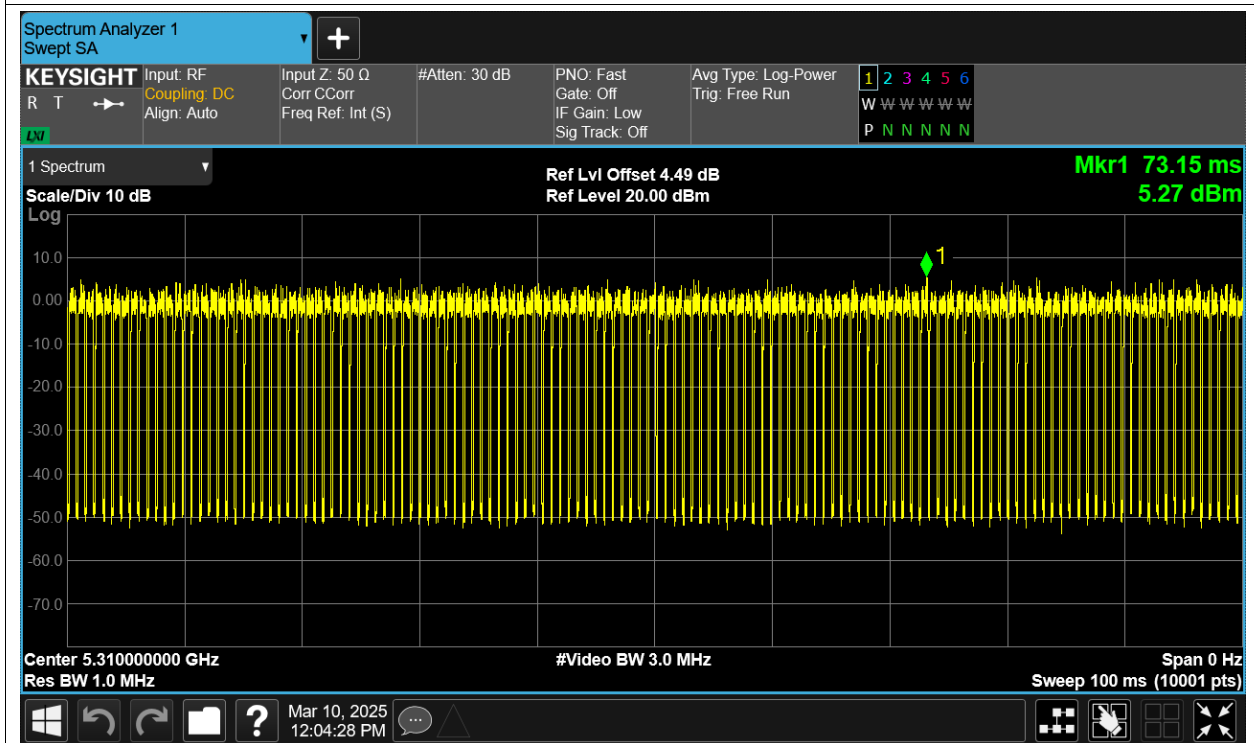
Duty Cycle NVNT ac20 5320MHz Ant1



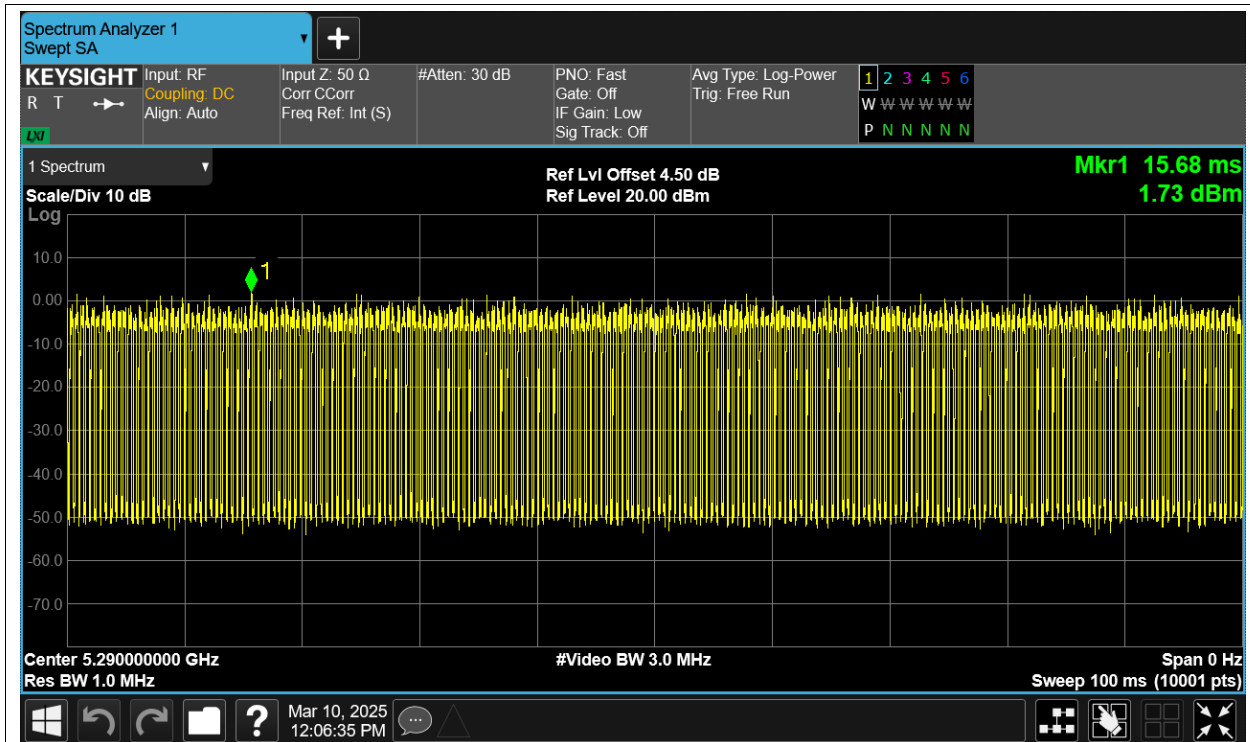
Duty Cycle NVNT ac40 5270MHz Ant1



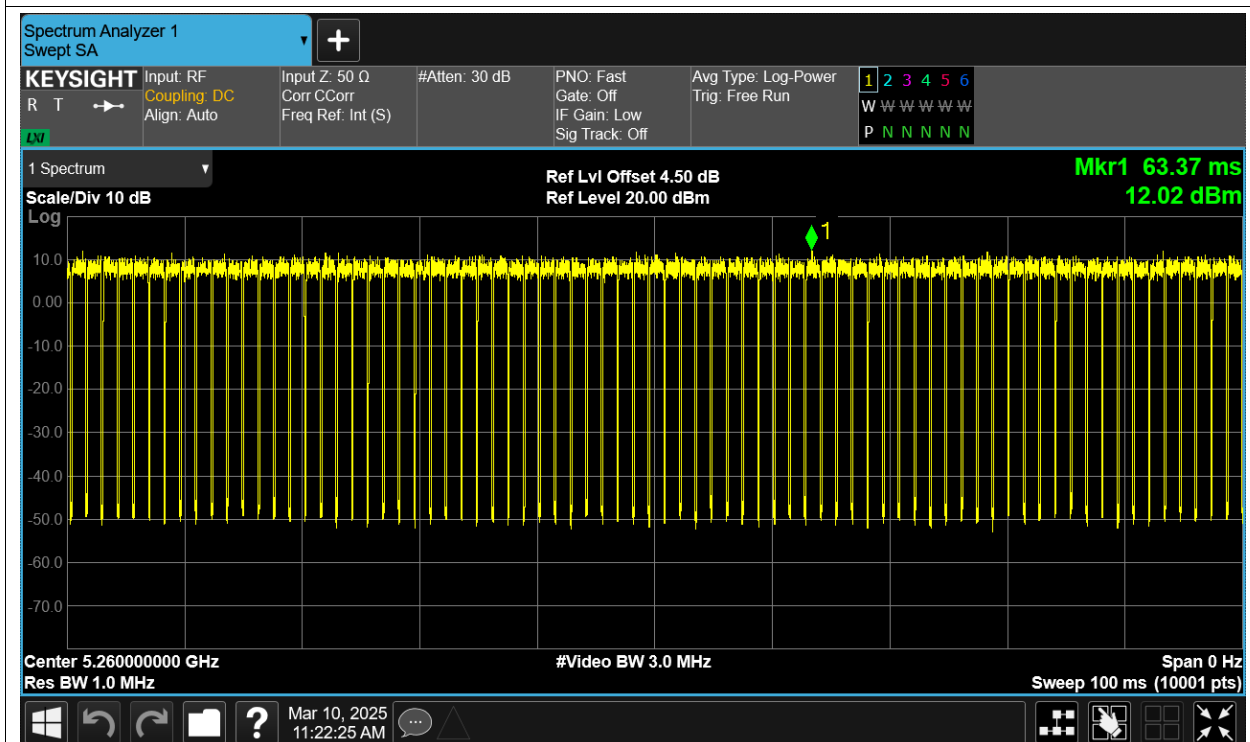
Duty Cycle NVNT ac40 5310MHz Ant1



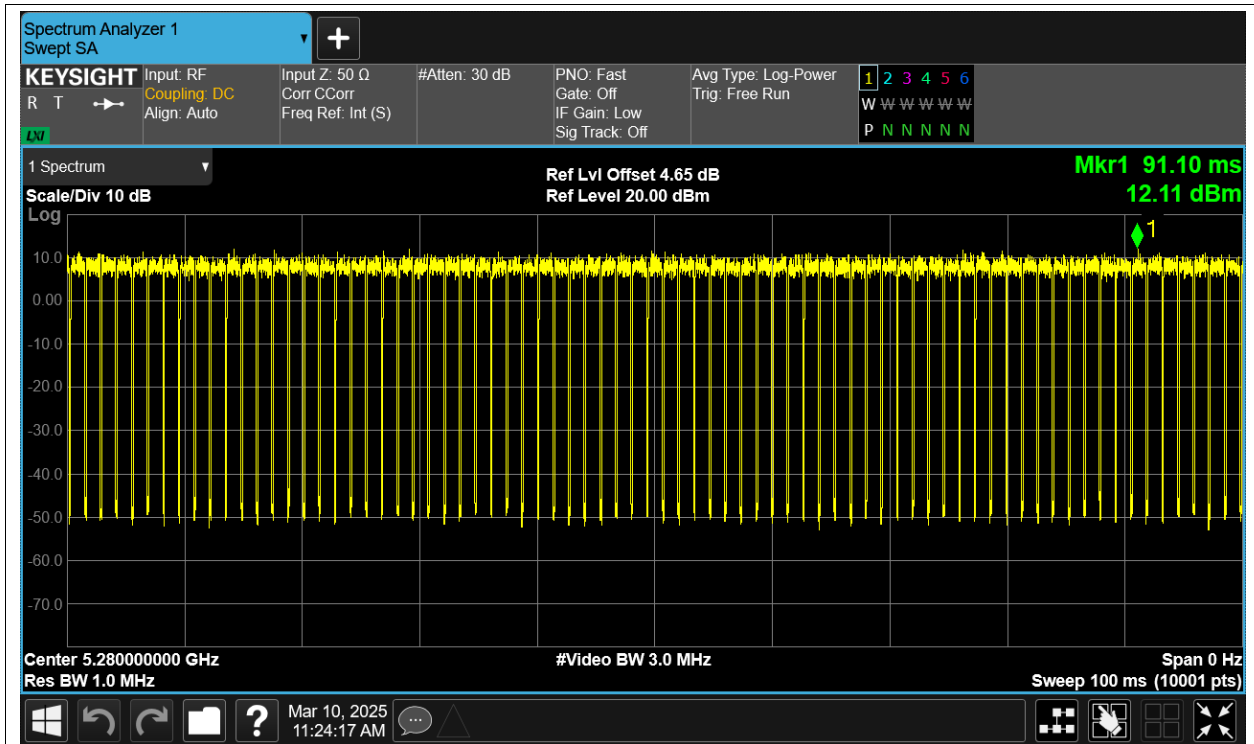
Duty Cycle NVNT ac80 5290MHz Ant1



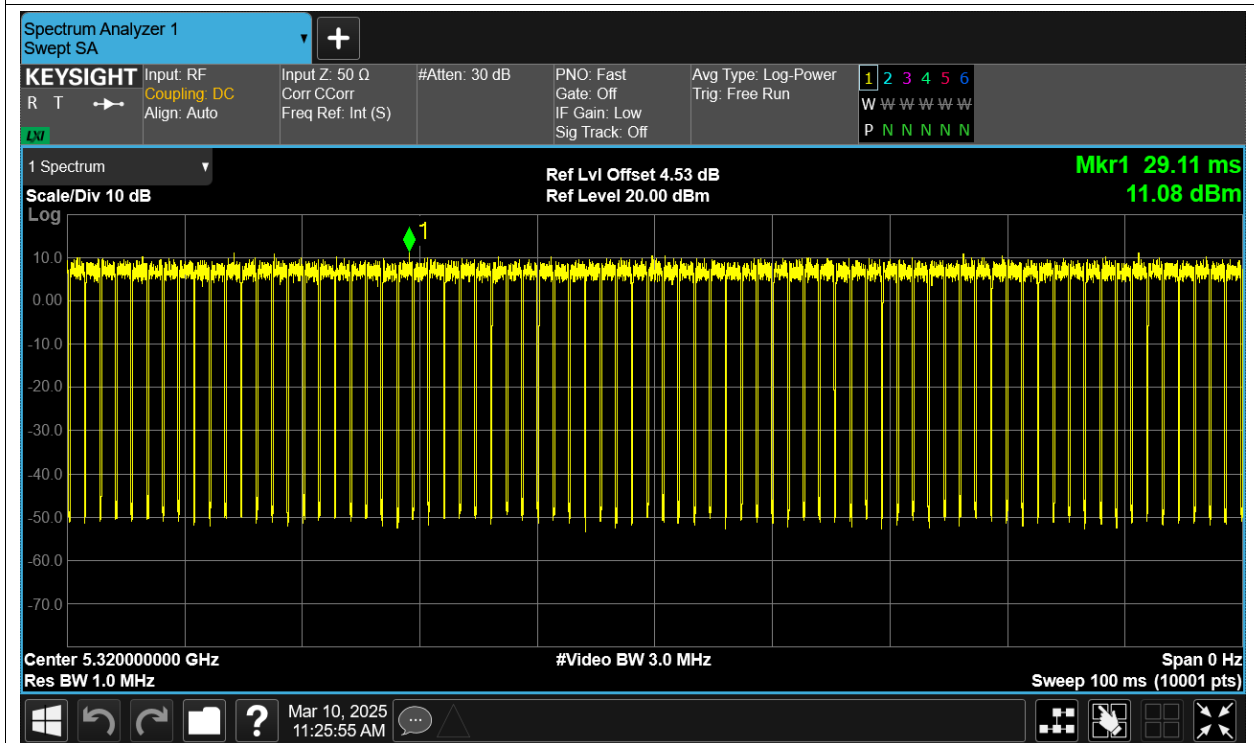
Duty Cycle NVNT n20 5260MHz Ant1



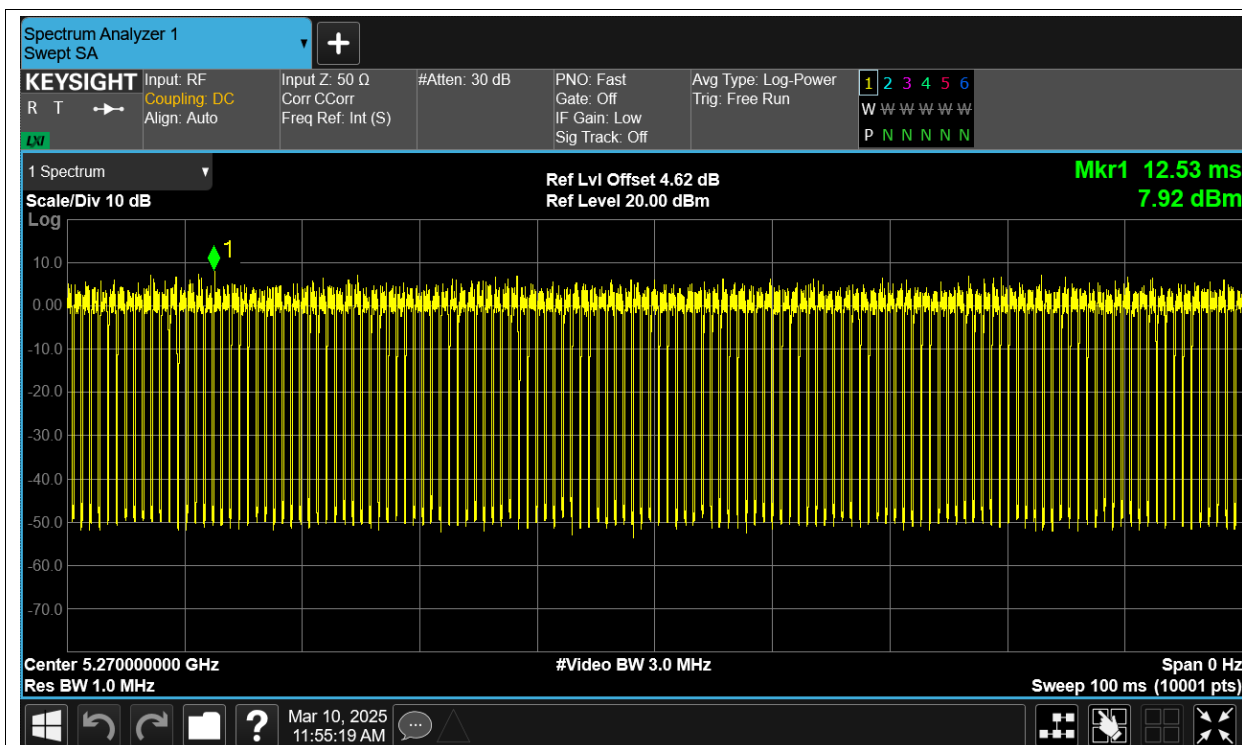
Duty Cycle NVNT n20 5280MHz Ant1



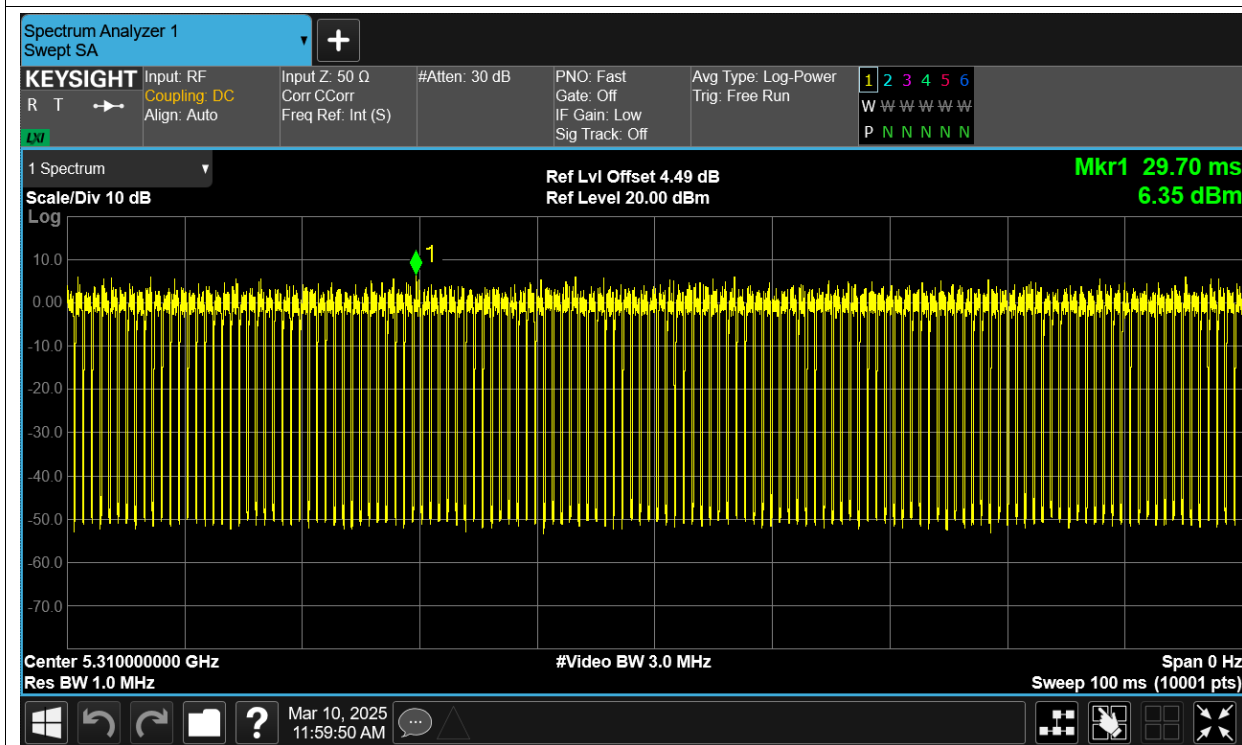
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Maximum Conducted Output Power

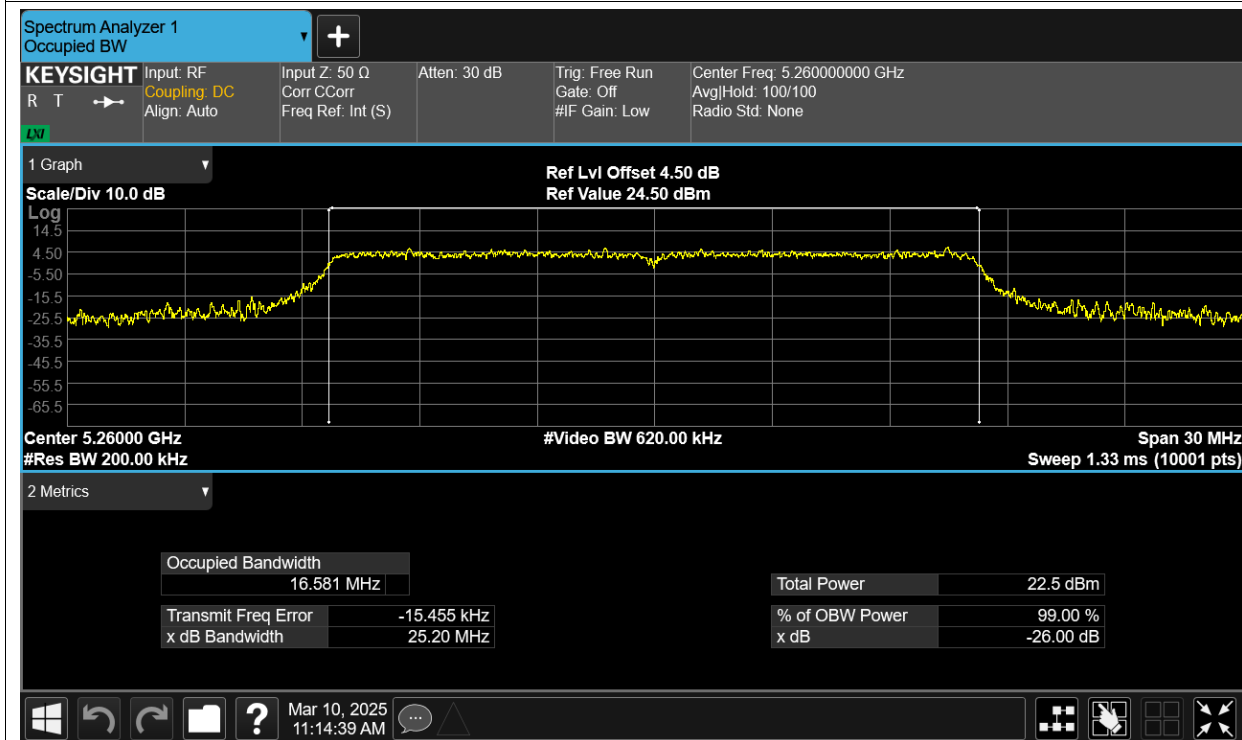
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	16.17	0.42	16.59	24	Pass
NVNT	a	5280	Ant1	16.54	0.42	16.96	24	Pass
NVNT	a	5320	Ant1	15.75	0.44	16.19	24	Pass
NVNT	ac20	5260	Ant1	14.25	0.49	14.74	24	Pass
NVNT	ac20	5280	Ant1	14.39	0.49	14.88	24	Pass
NVNT	ac20	5320	Ant1	13.96	0.49	14.45	24	Pass
NVNT	ac40	5270	Ant1	13.99	0.95	14.94	24	Pass
NVNT	ac40	5310	Ant1	14.17	0.94	15.11	24	Pass
NVNT	ac80	5290	Ant1	13.07	1.63	14.7	24	Pass
NVNT	n20	5260	Ant1	15.34	0.5	15.84	24	Pass
NVNT	n20	5280	Ant1	15.42	0.5	15.92	24	Pass
NVNT	n20	5320	Ant1	14.97	0.51	15.48	24	Pass
NVNT	n40	5270	Ant1	14.79	0.94	15.73	24	Pass
NVNT	n40	5310	Ant1	15.01	0.93	15.94	24	Pass

Occupied Channel Bandwidth

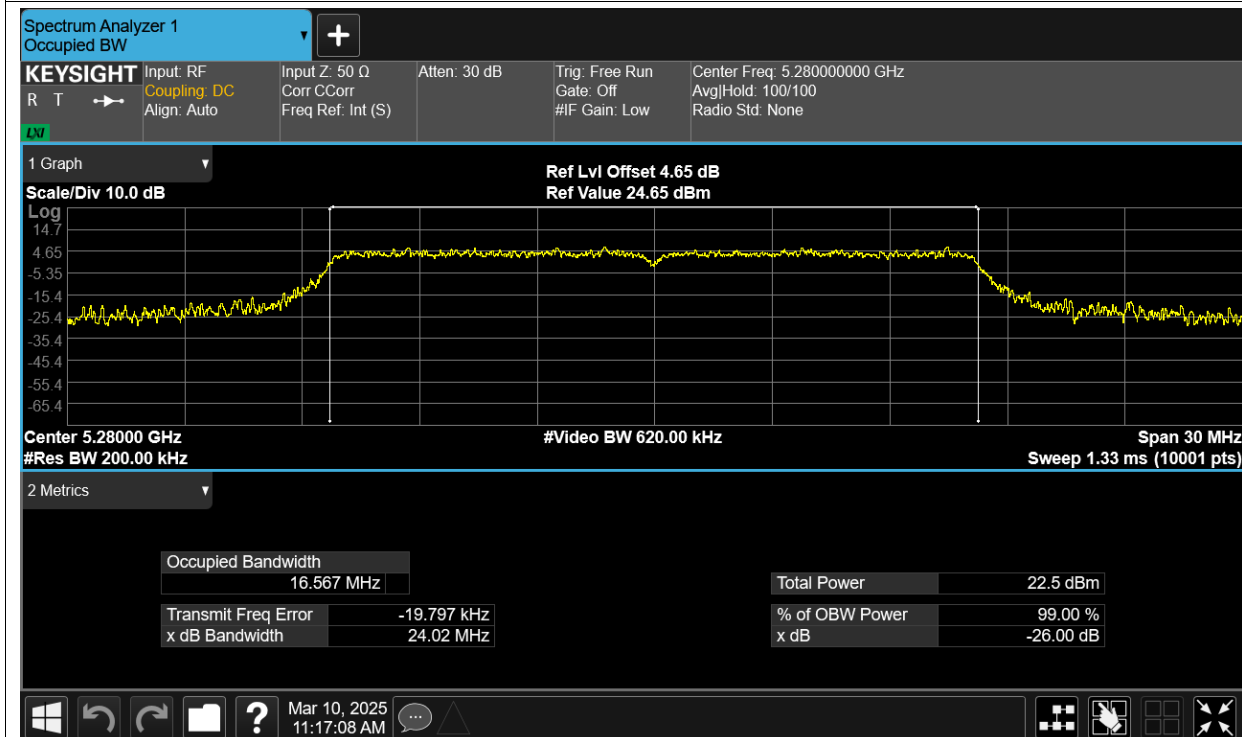
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.581
NVNT	a	5280	Ant1	16.567
NVNT	a	5320	Ant1	16.565
NVNT	ac20	5260	Ant1	17.591
NVNT	ac20	5280	Ant1	17.622
NVNT	ac20	5320	Ant1	17.617
NVNT	ac40	5270	Ant1	36.31
NVNT	ac40	5310	Ant1	36.35
NVNT	ac80	5290	Ant1	75.488
NVNT	n20	5260	Ant1	17.622
NVNT	n20	5280	Ant1	17.611
NVNT	n20	5320	Ant1	17.623
NVNT	n40	5270	Ant1	36.249
NVNT	n40	5310	Ant1	36.307

Test Graphs

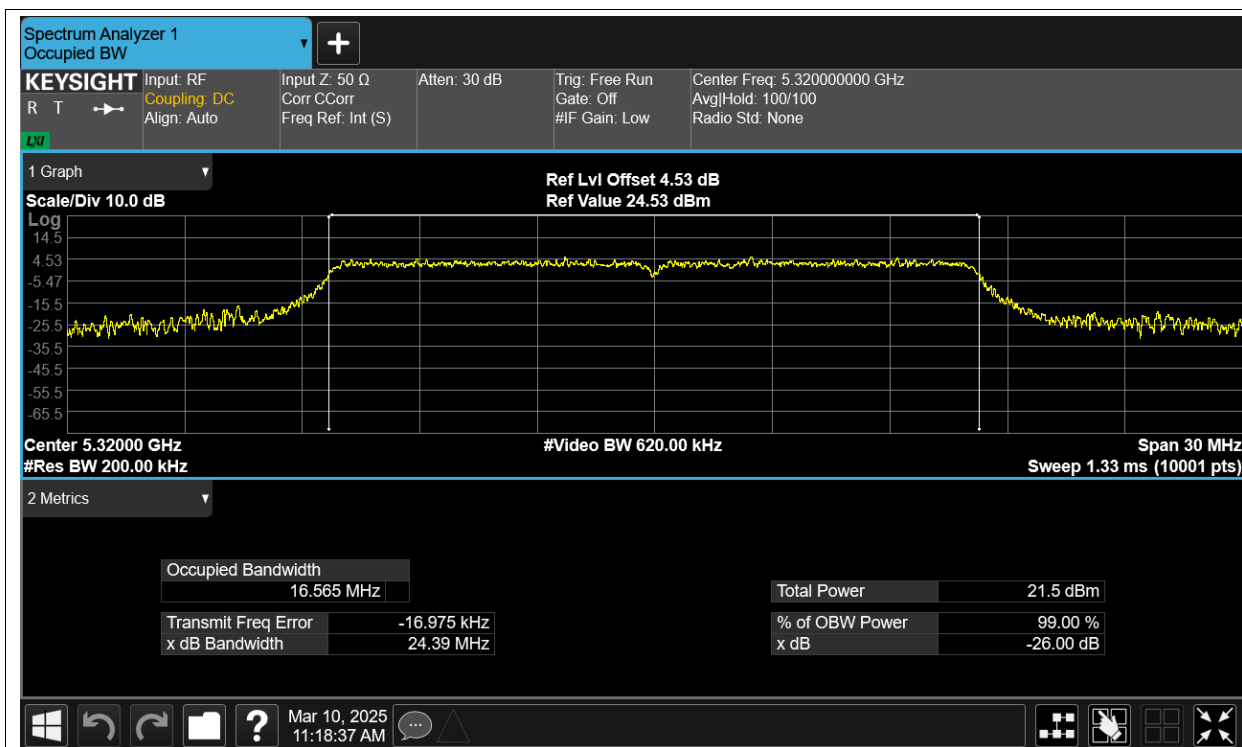
OBW NVNT a 5260MHz Ant1



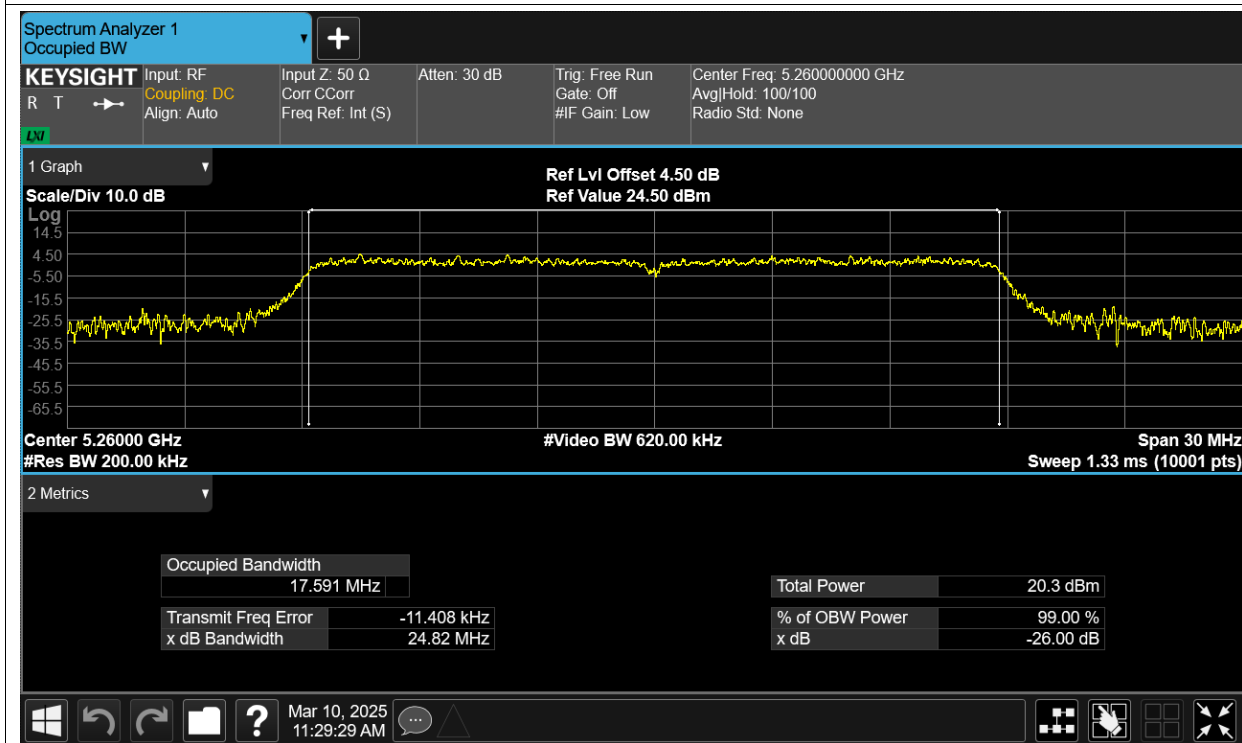
OBW NVNT a 5280MHz Ant1



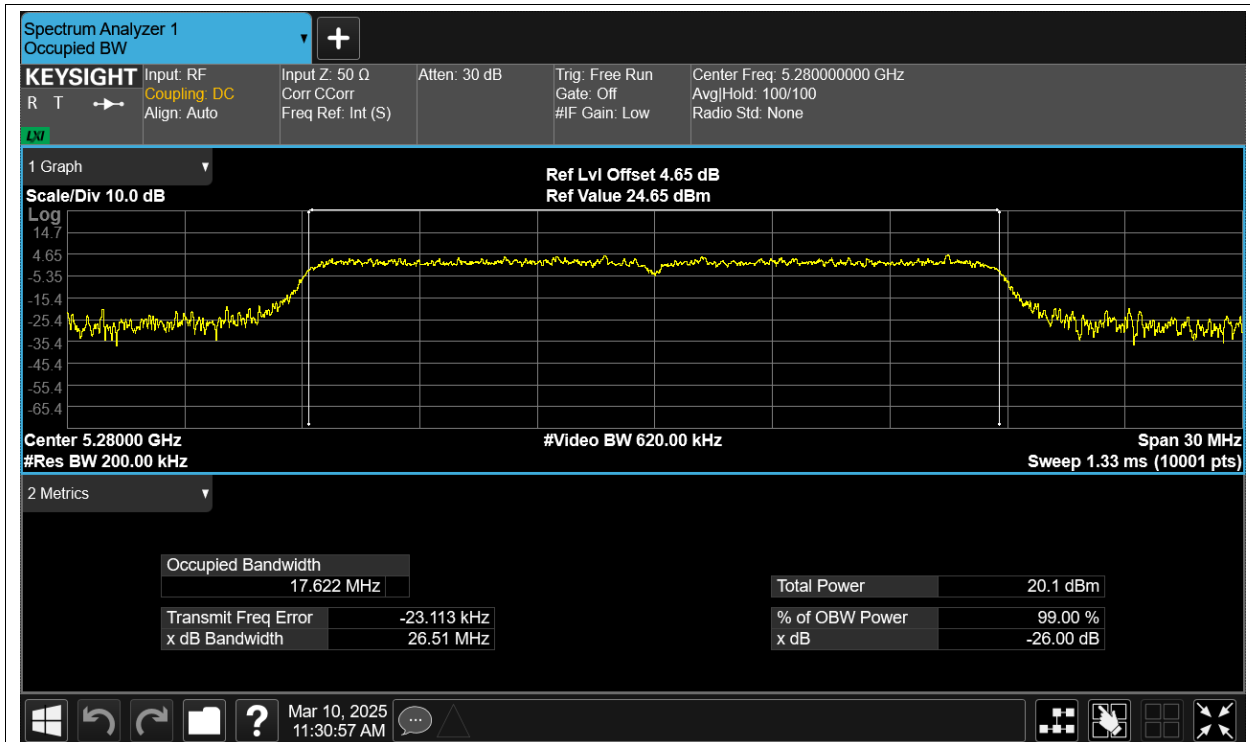
OBW NVNT a 5320MHz Ant1



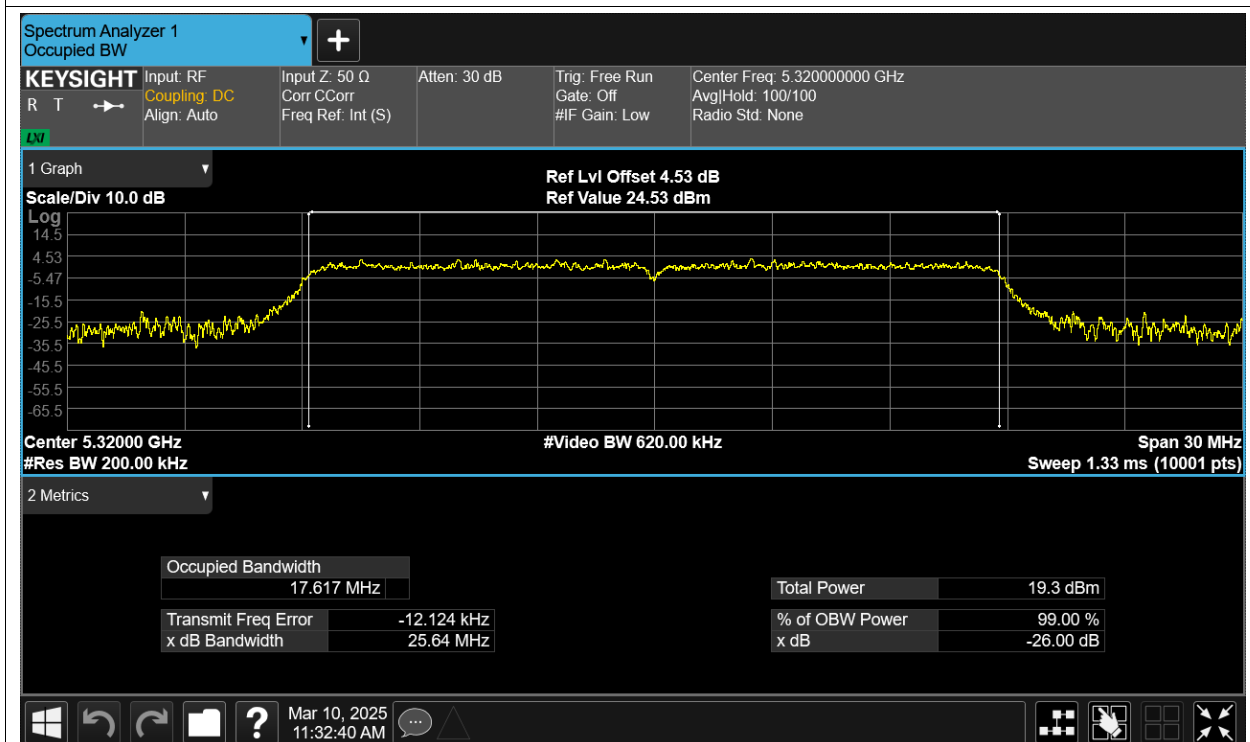
OBW NVNT ac20 5260MHz Ant1



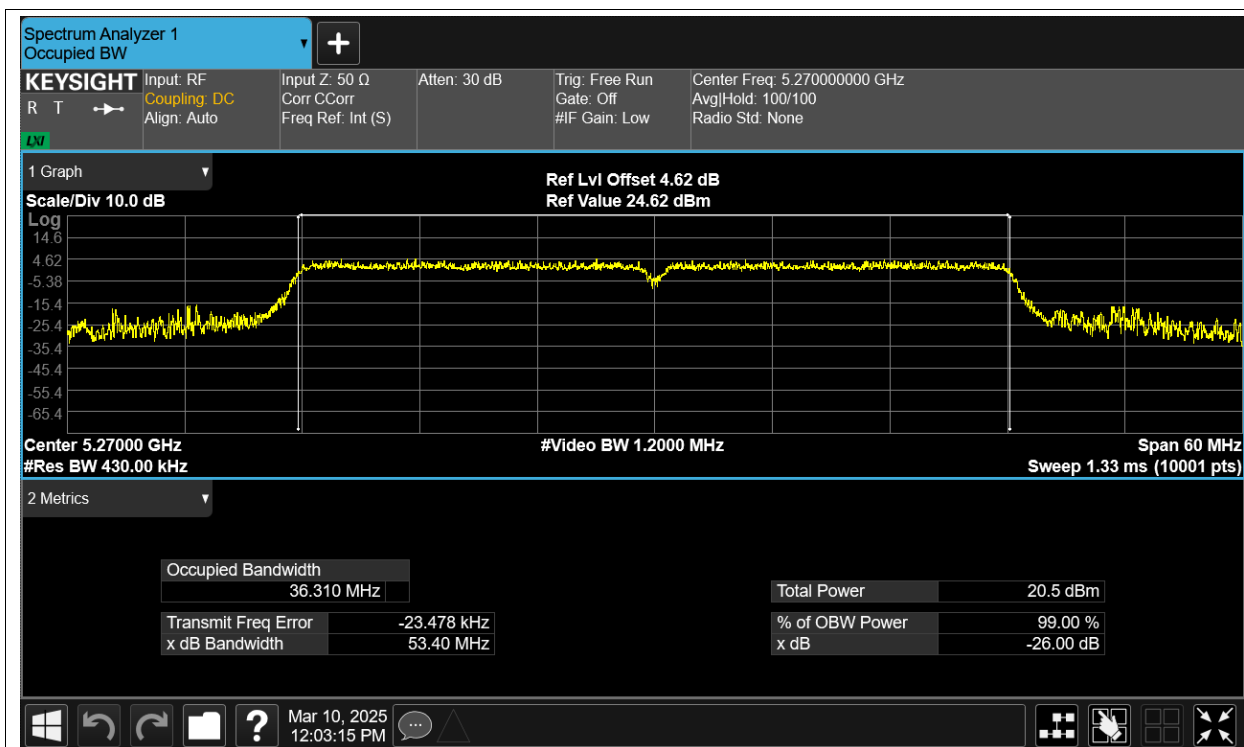
OBW NVNT ac20 5280MHz Ant1



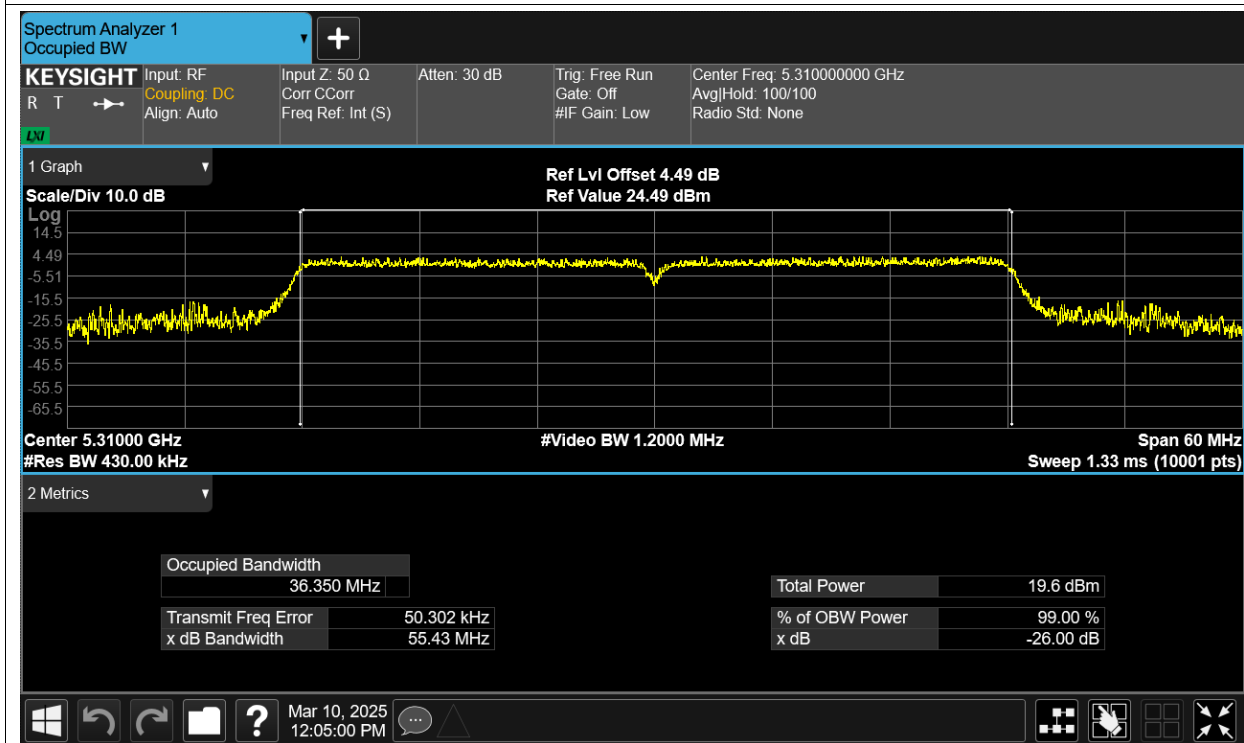
OBW NVNT ac20 5320MHz Ant1



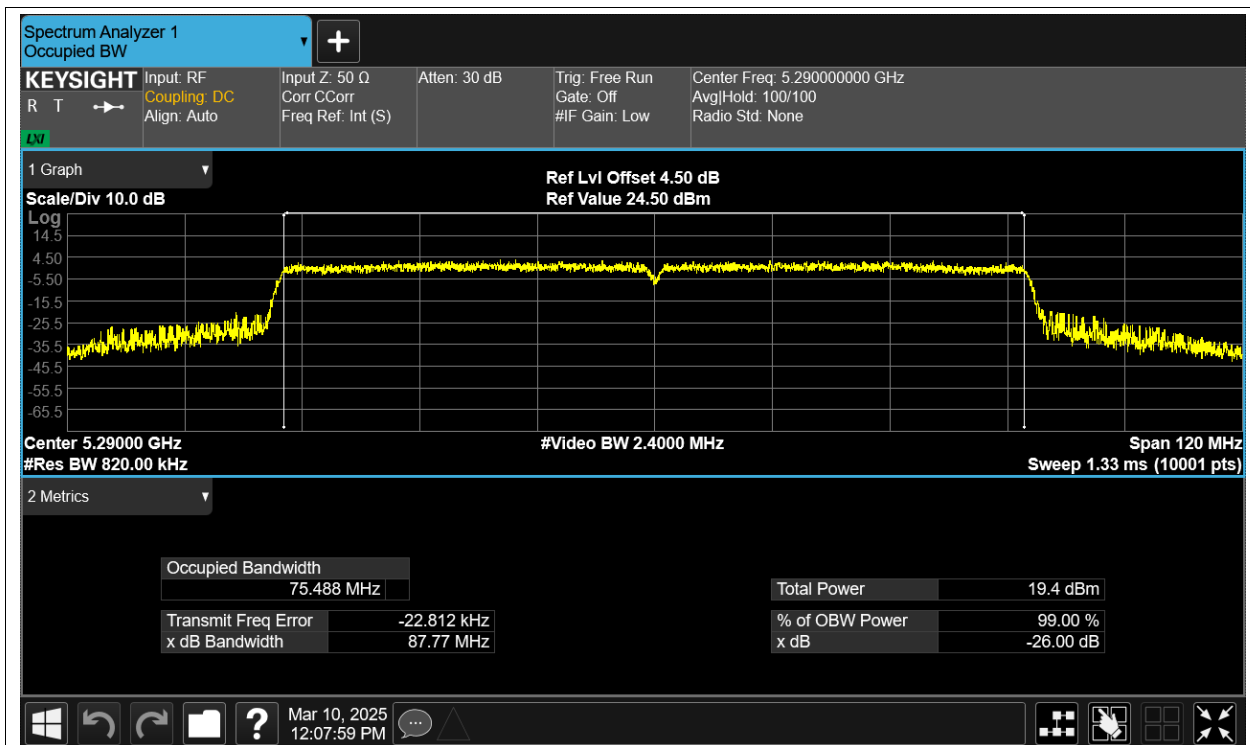
OBW NVNT ac40 5270MHz Ant1



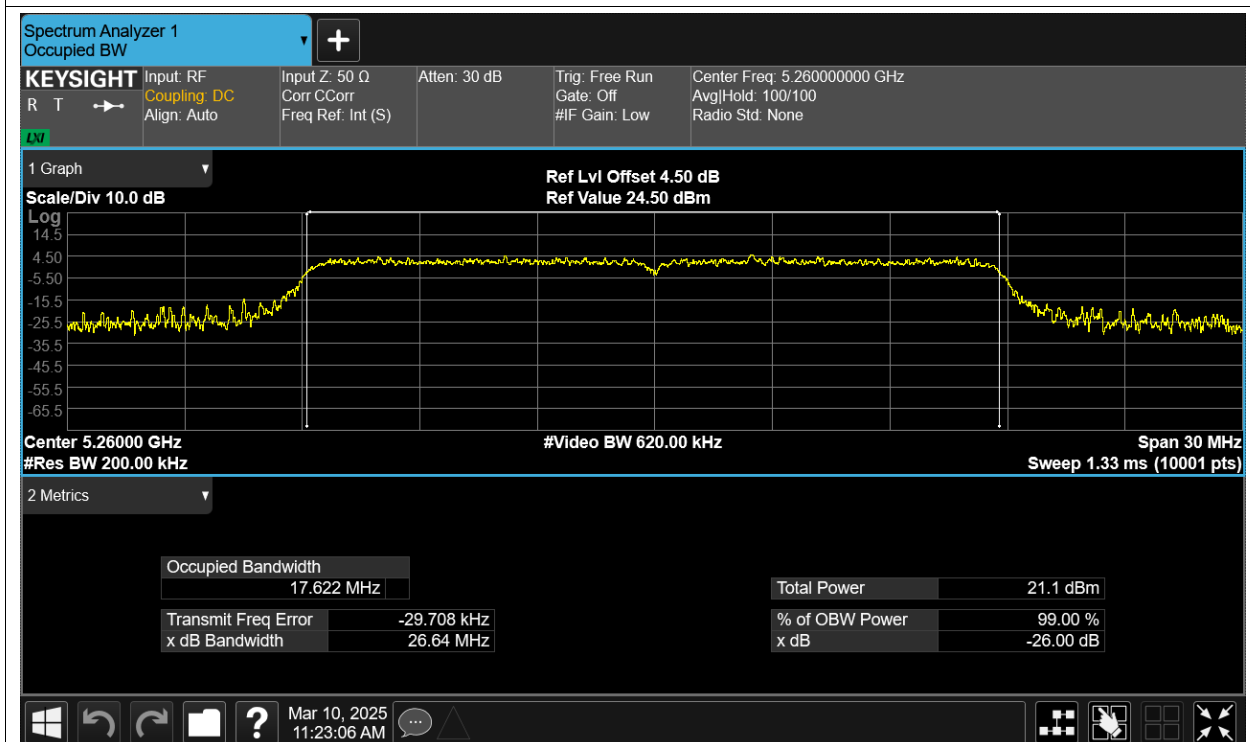
OBW NVNT ac40 5310MHz Ant1



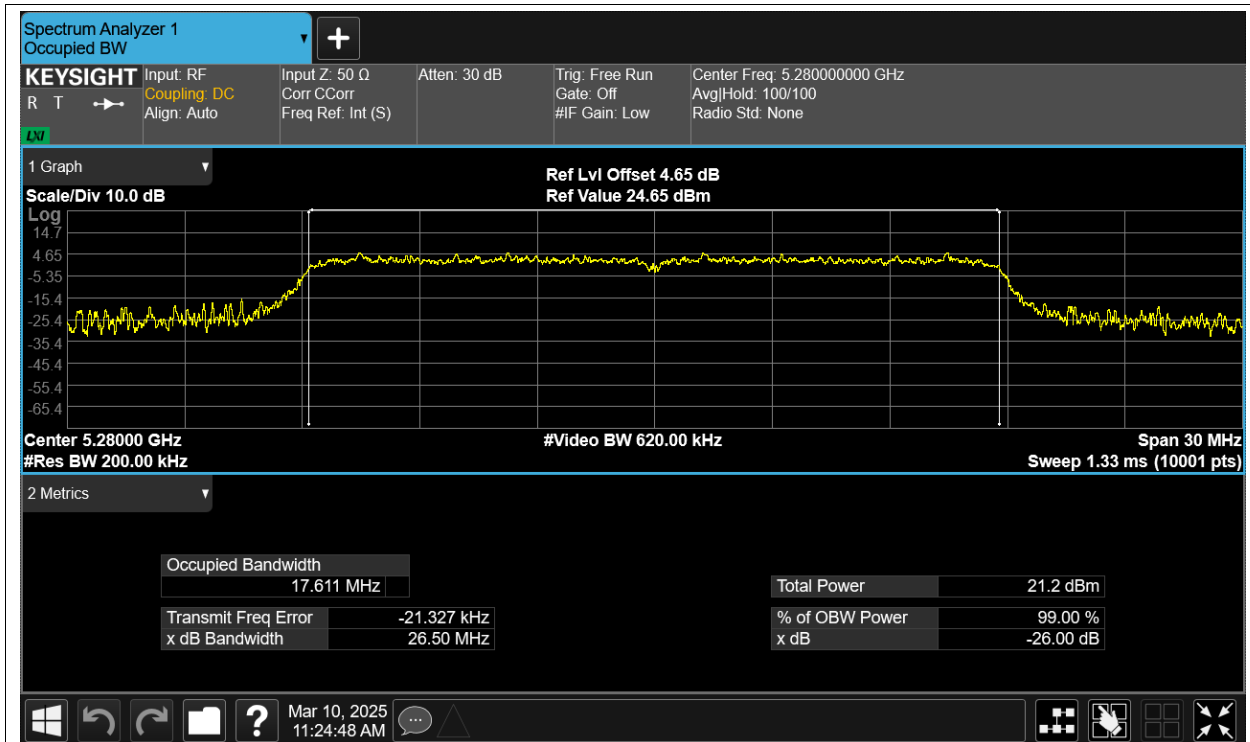
OBW NVNT ac80 5290MHz Ant1



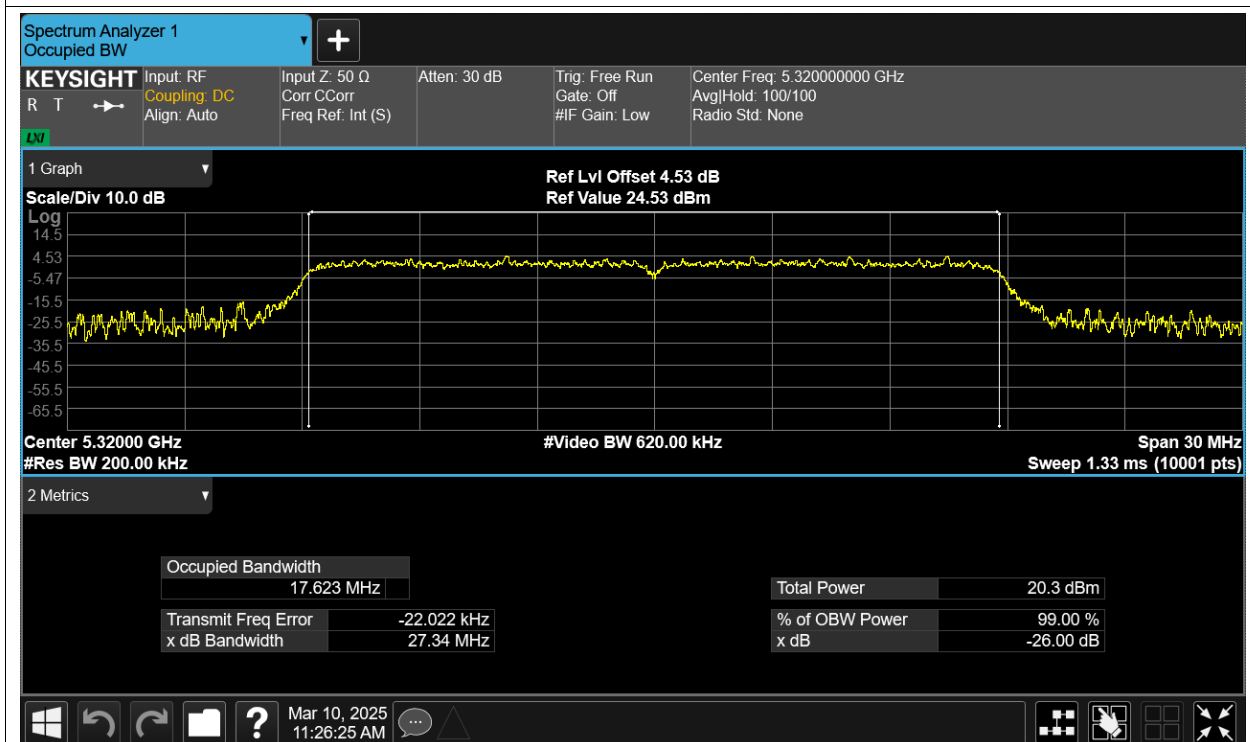
OBW NVNT n20 5260MHz Ant1



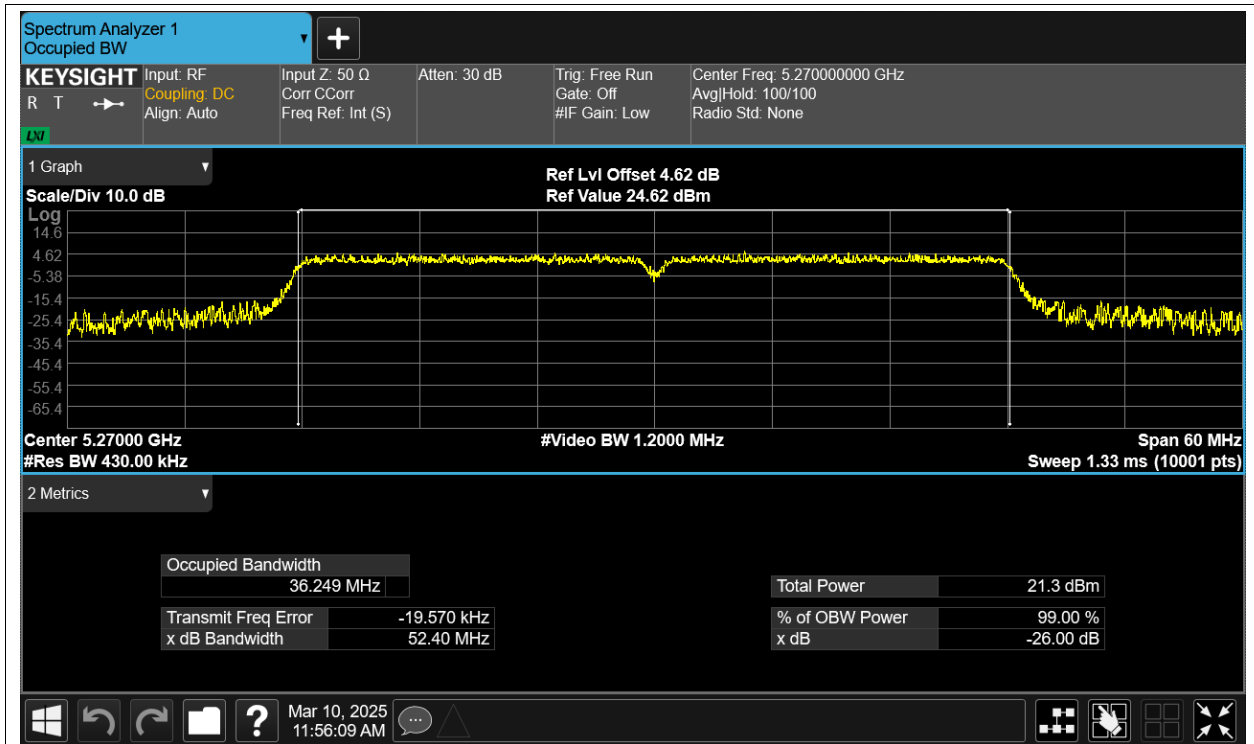
OBW NVNT n20 5280MHz Ant1



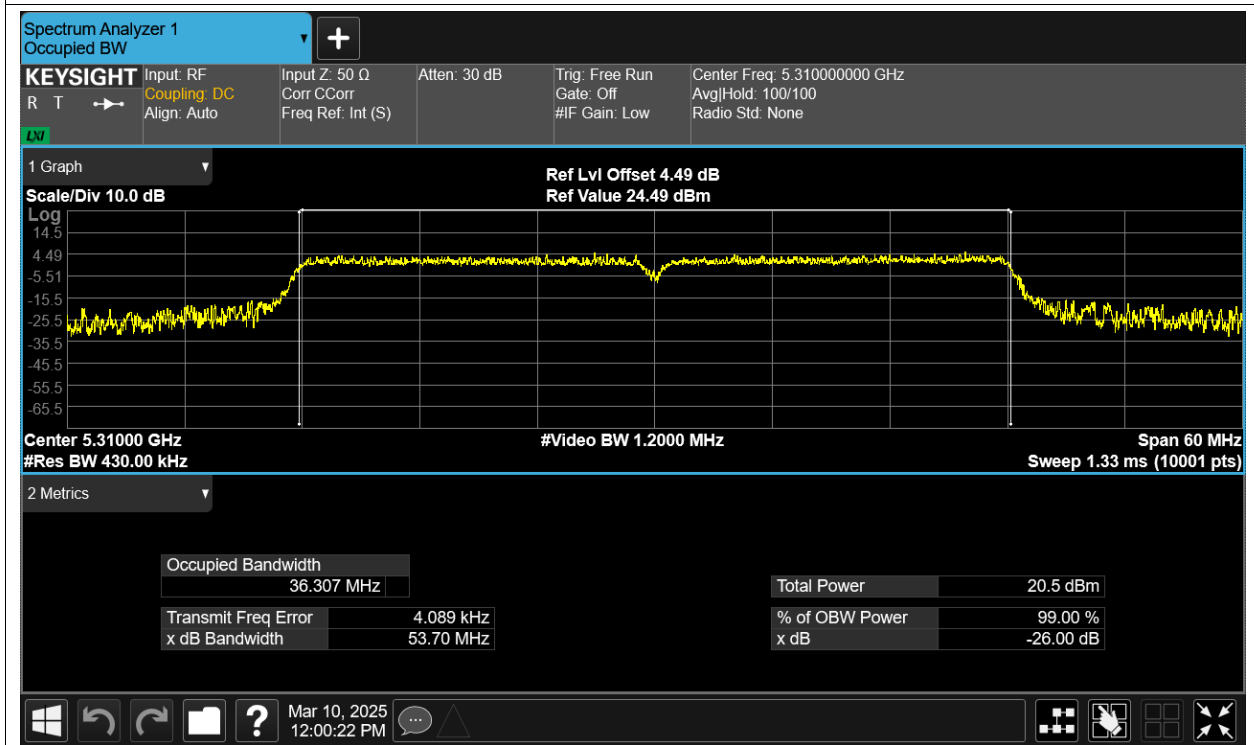
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1

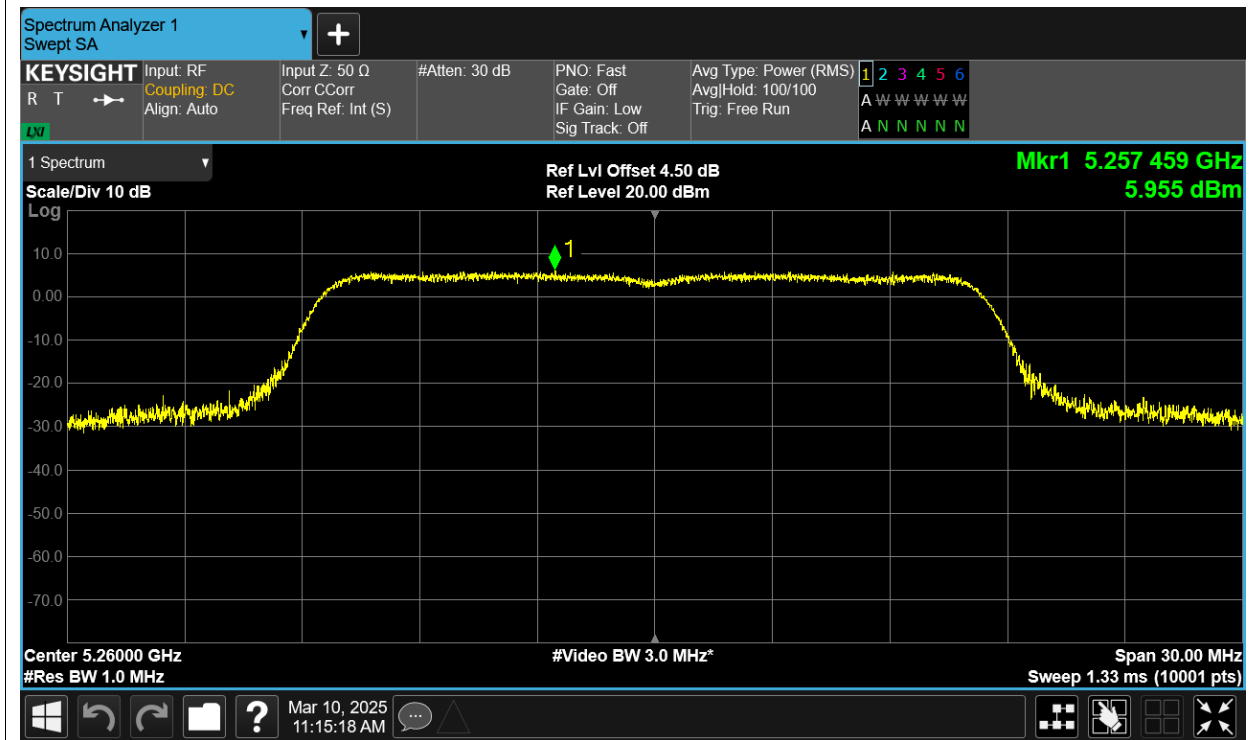


Maximum Power Spectral Density Level

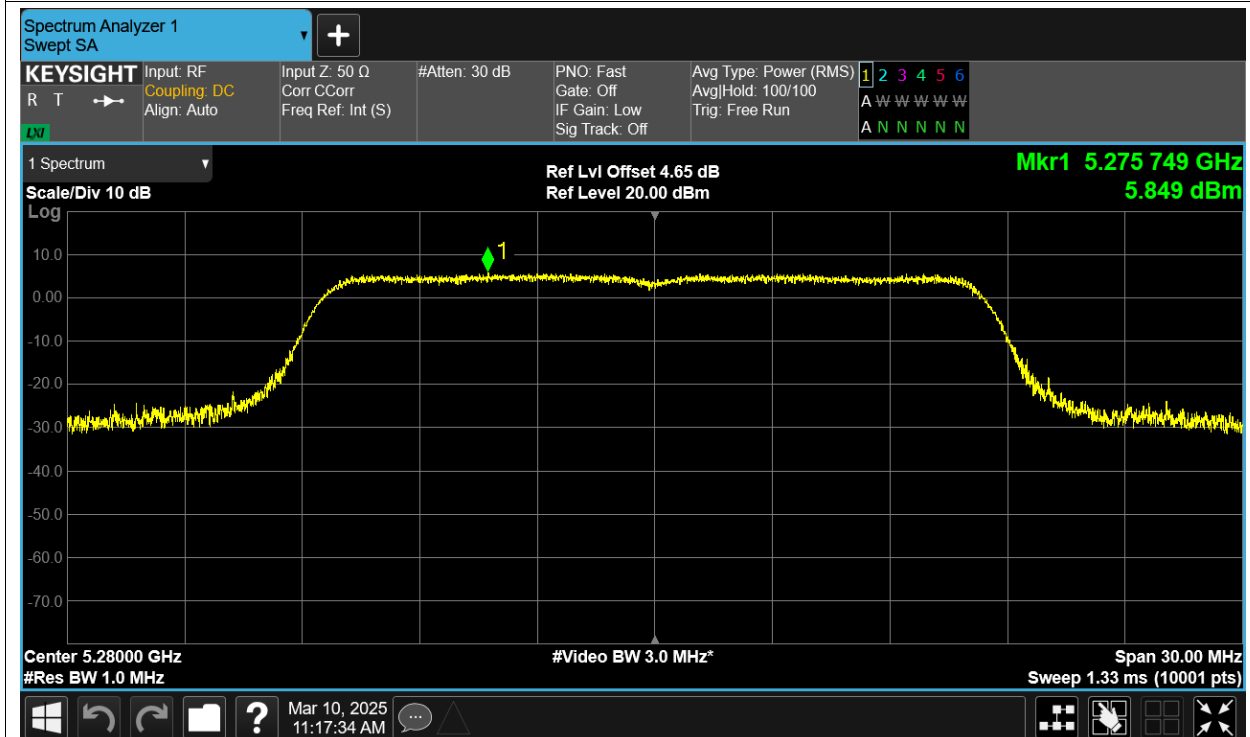
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	5.955	11	Pass
NVNT	a	5280	Ant1	5.849	11	Pass
NVNT	a	5320	Ant1	5.154	11	Pass
NVNT	ac20	5260	Ant1	3.478	11	Pass
NVNT	ac20	5280	Ant1	3.399	11	Pass
NVNT	ac20	5320	Ant1	2.376	11	Pass
NVNT	ac40	5270	Ant1	0.975	11	Pass
NVNT	ac40	5310	Ant1	-0.096	11	Pass
NVNT	ac80	5290	Ant1	-5.191	11	Pass
NVNT	n20	5260	Ant1	4.406	11	Pass
NVNT	n20	5280	Ant1	4.407	11	Pass
NVNT	n20	5320	Ant1	3.561	11	Pass
NVNT	n40	5270	Ant1	1.281	11	Pass
NVNT	n40	5310	Ant1	0.752	11	Pass

Test Graphs

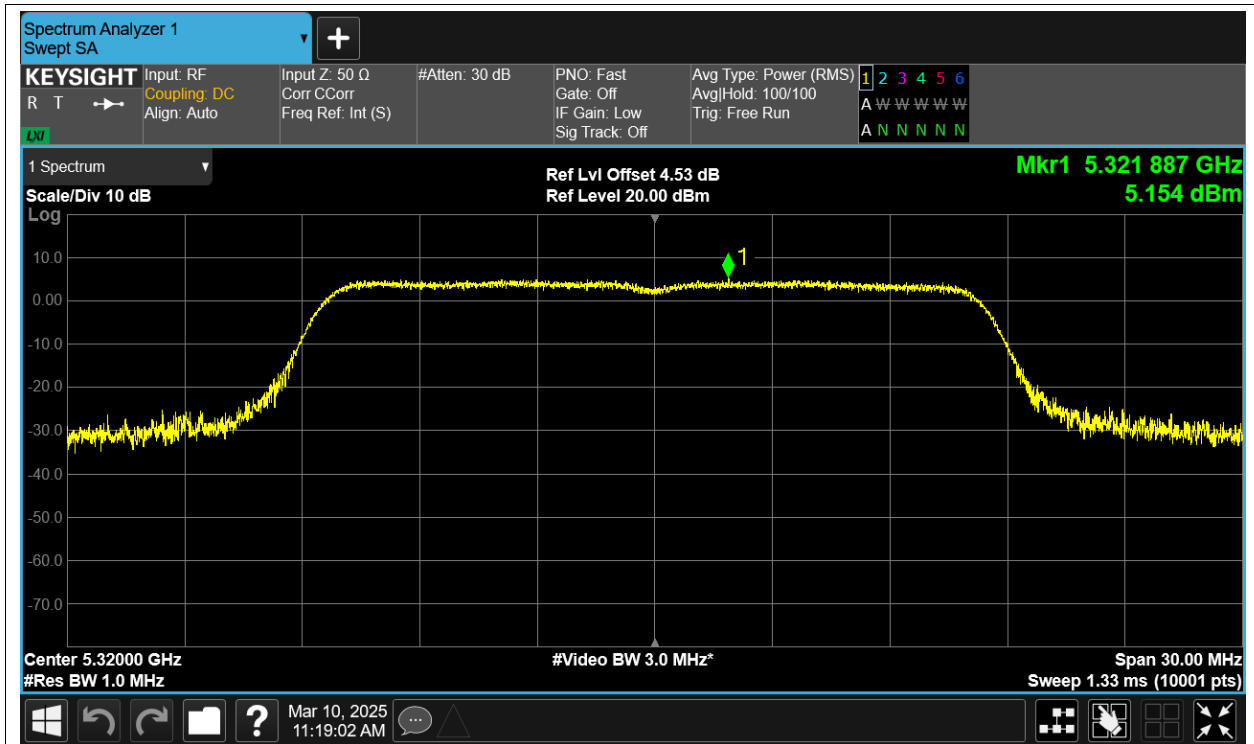
PSD NVNT a 5260MHz Ant1



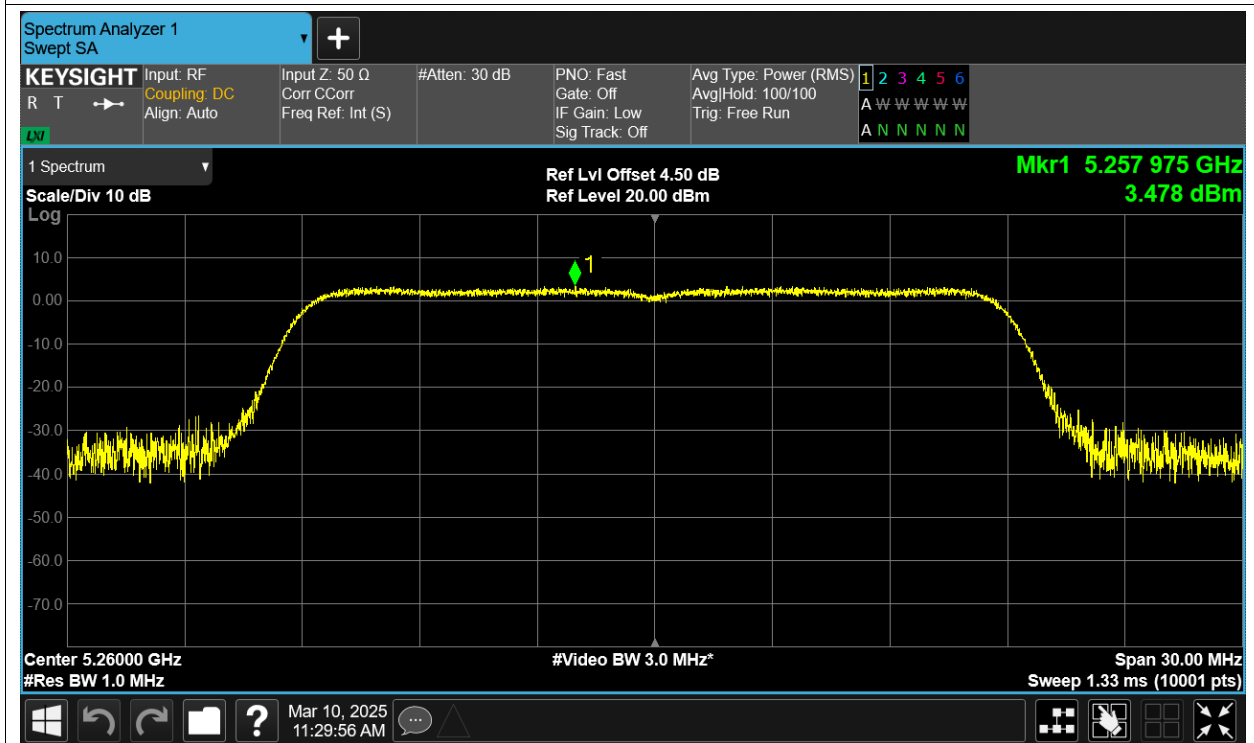
PSD NVNT a 5280MHz Ant1



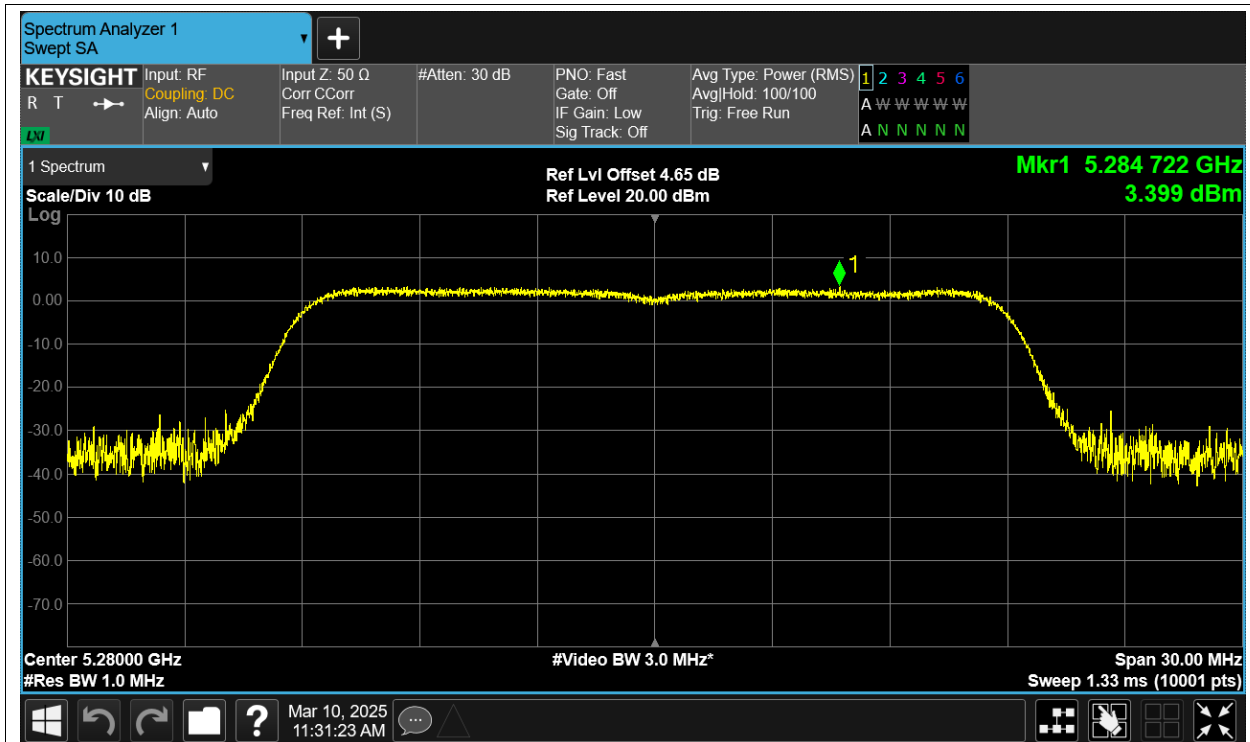
PSD NVNT a 5320MHz Ant1



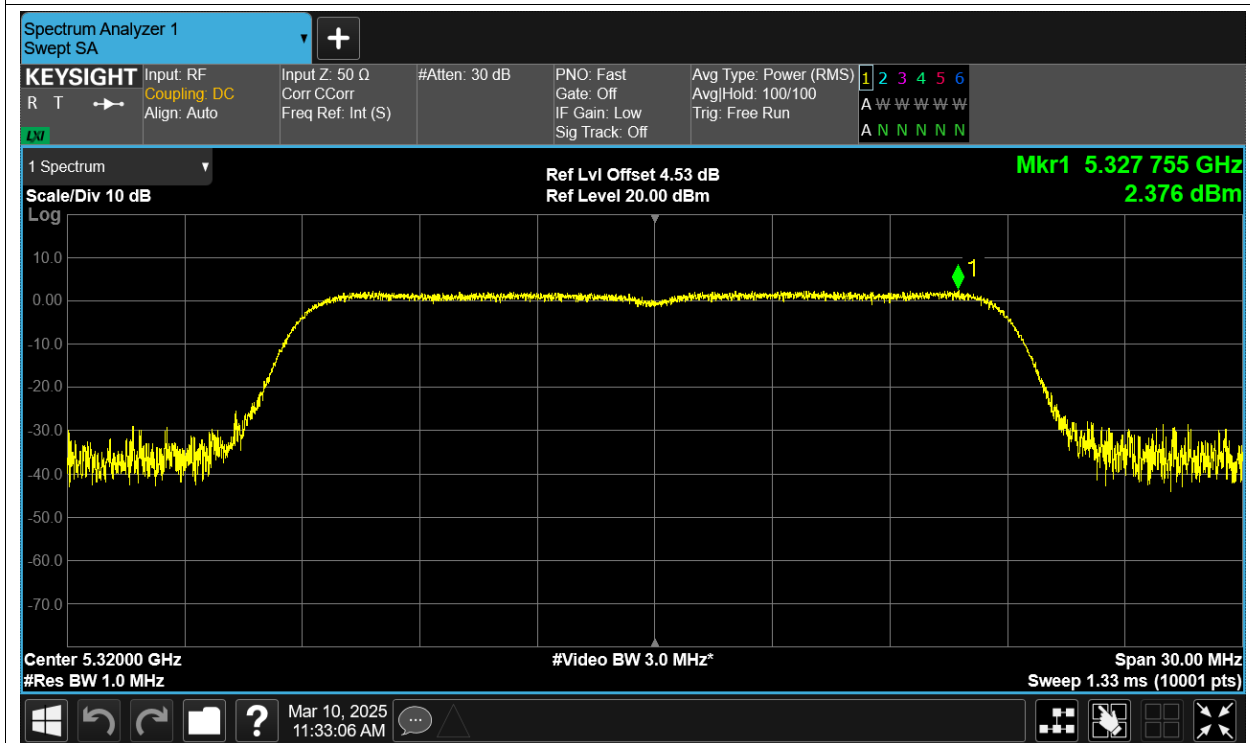
PSD NVNT ac20 5260MHz Ant1



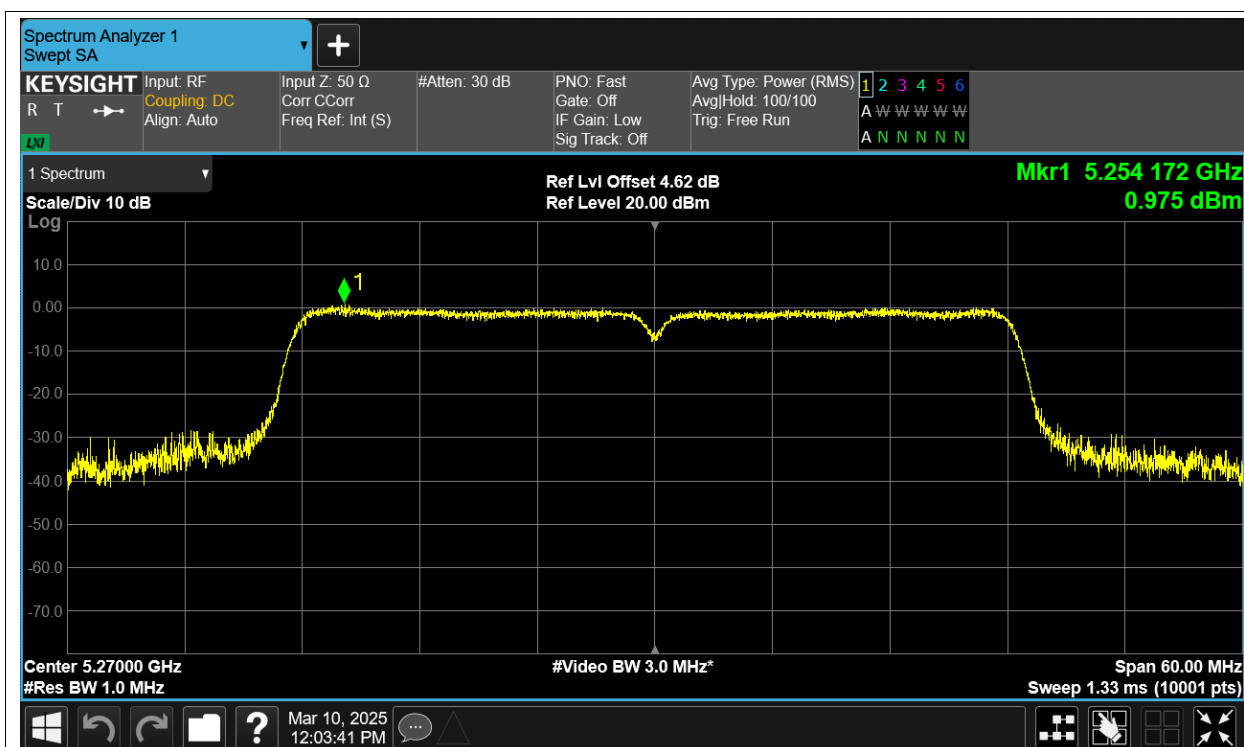
PSD NVNT ac20 5280MHz Ant1



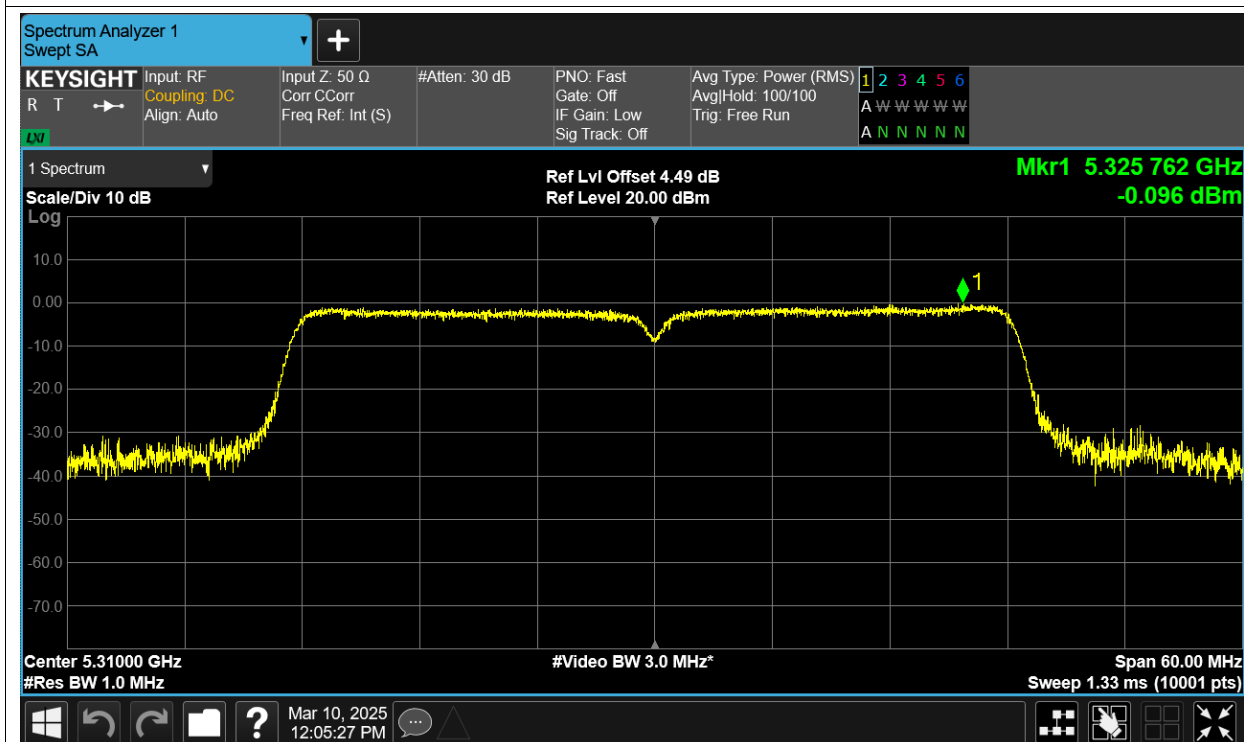
PSD NVNT ac20 5320MHz Ant1



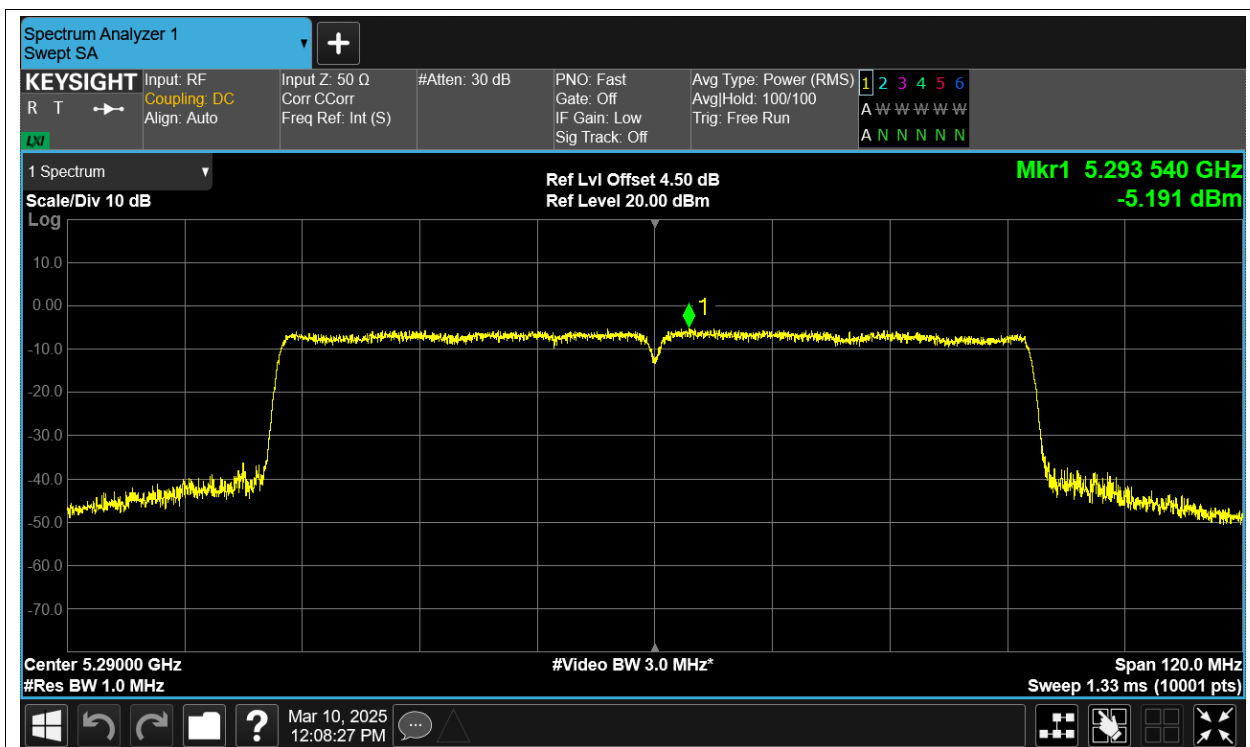
PSD NVNT ac40 5270MHz Ant1



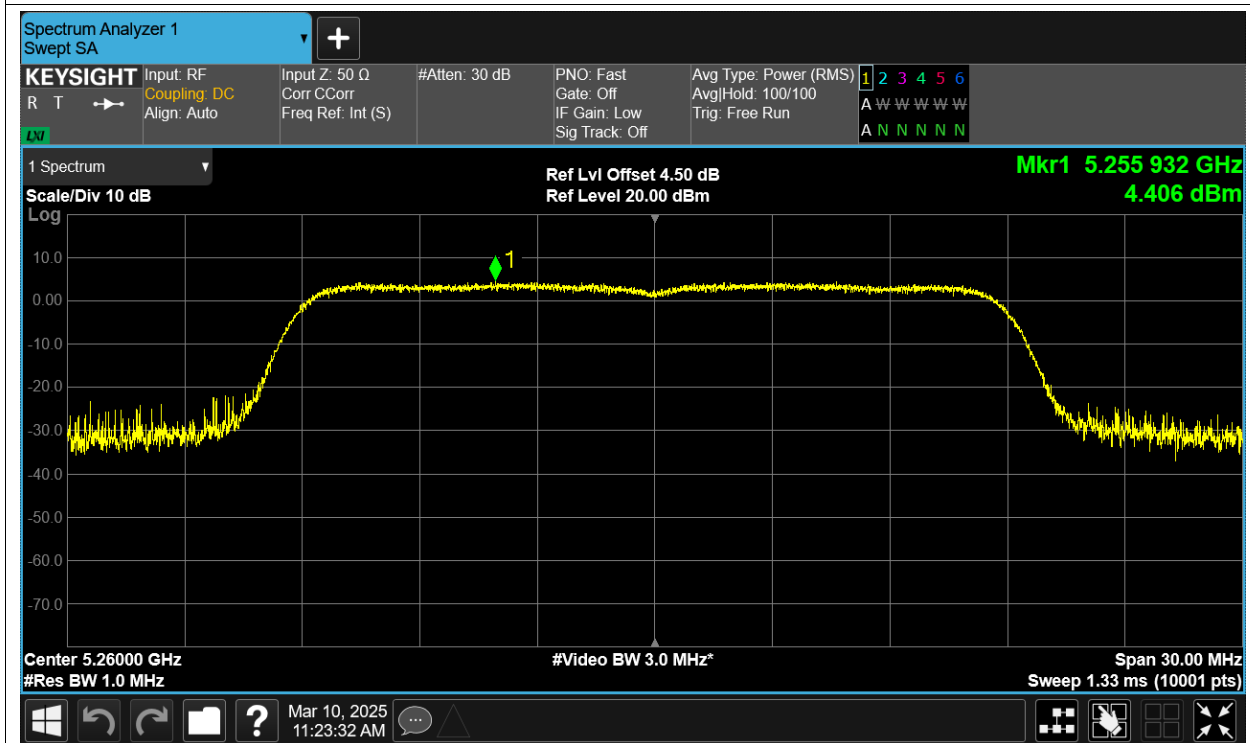
PSD NVNT ac40 5310MHz Ant1



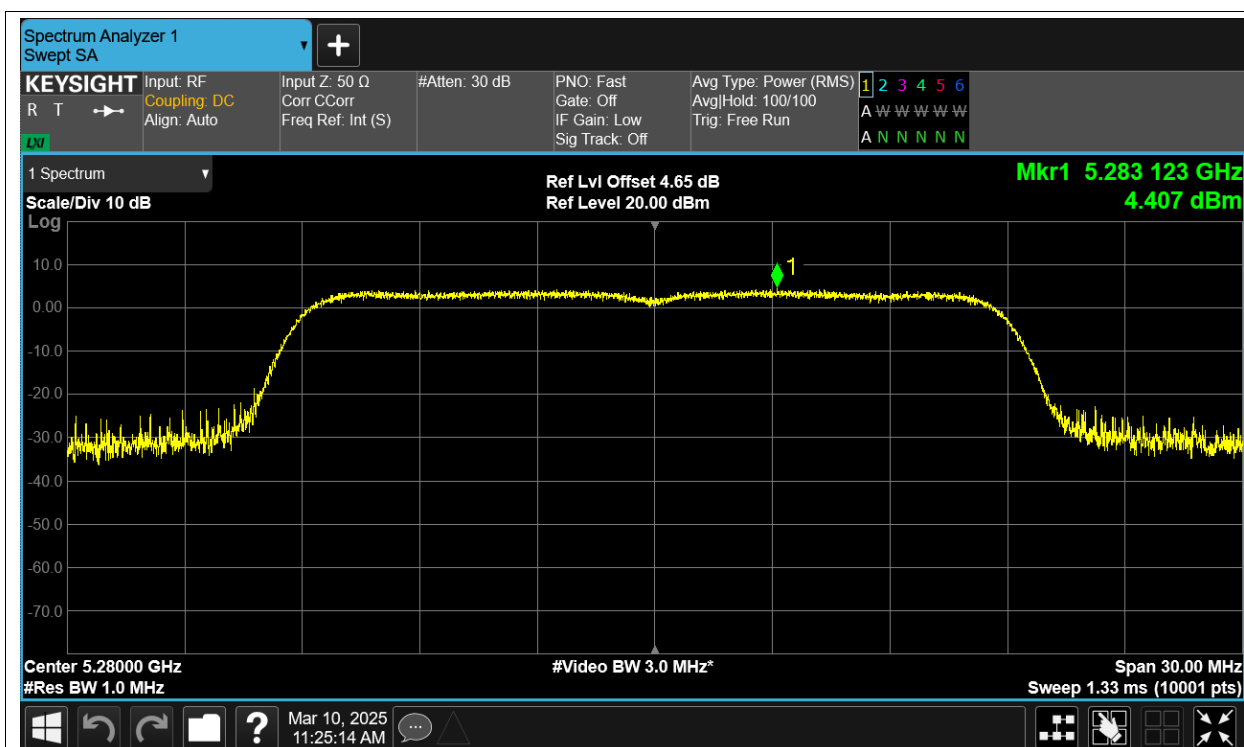
PSD NVNT ac80 5290MHz Ant1



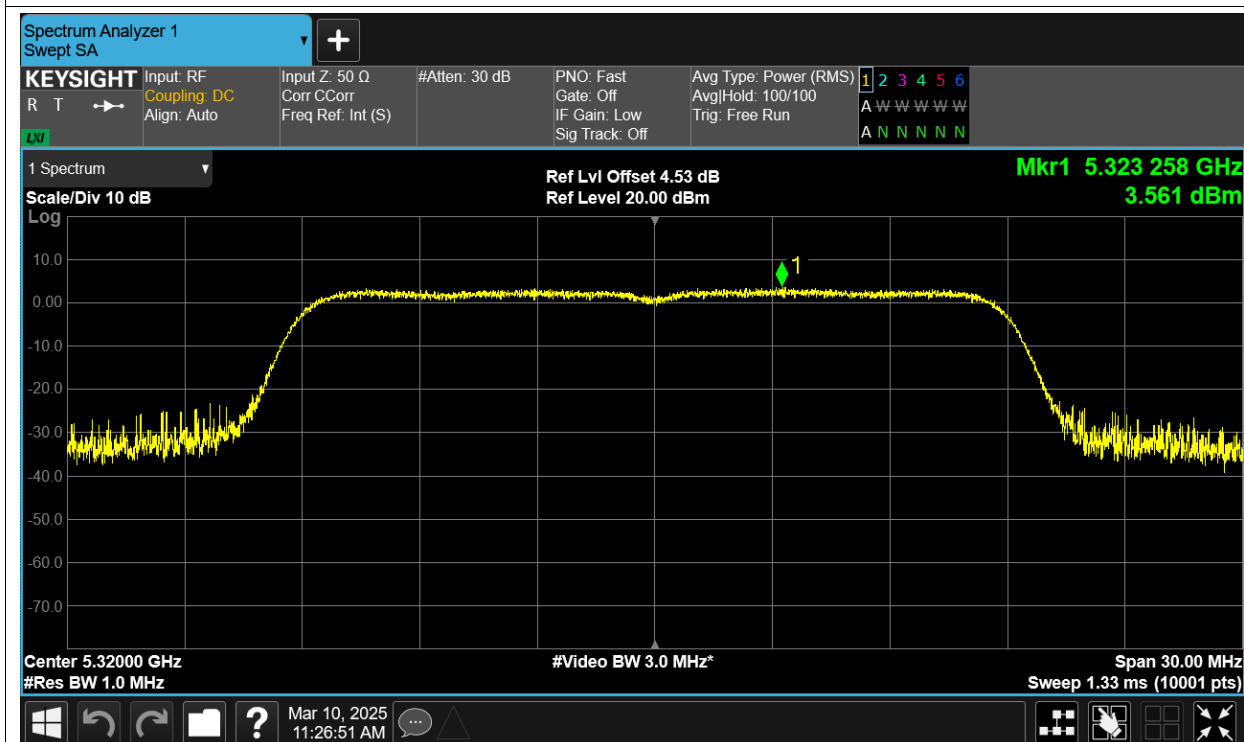
PSD NVNT n20 5260MHz Ant1



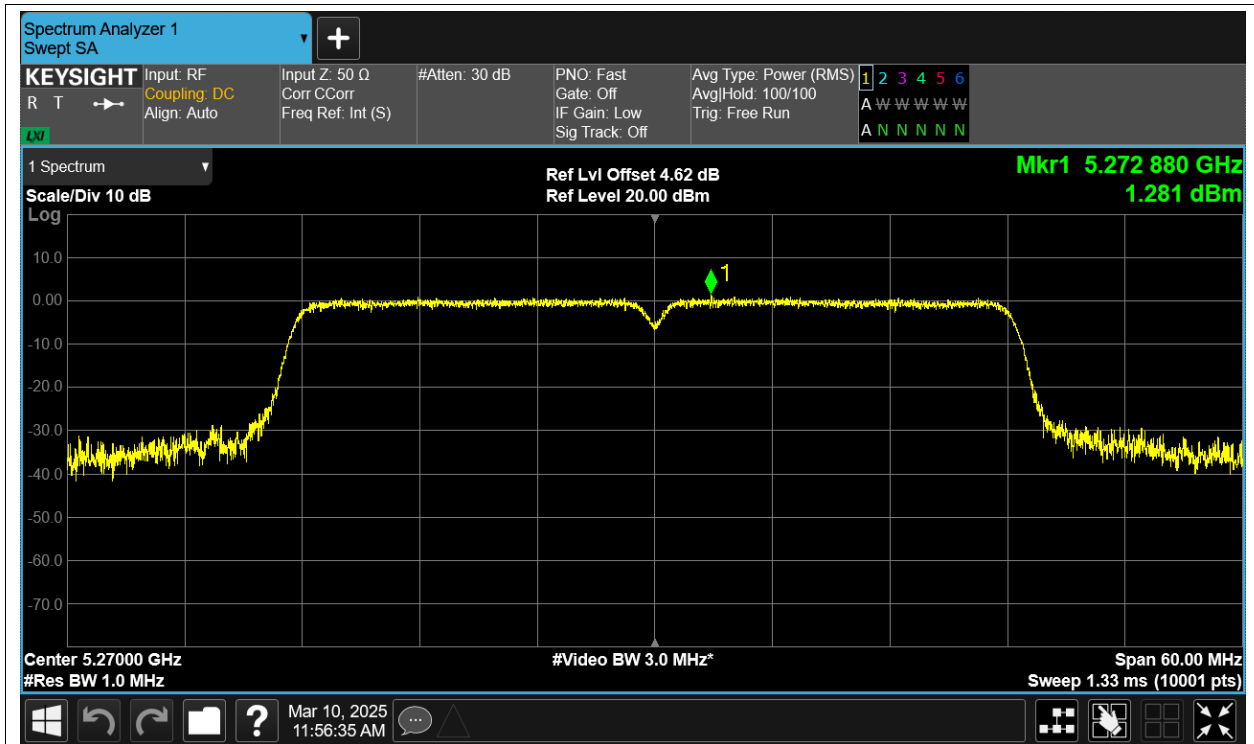
PSD NVNT n20 5280MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

