

Test Data

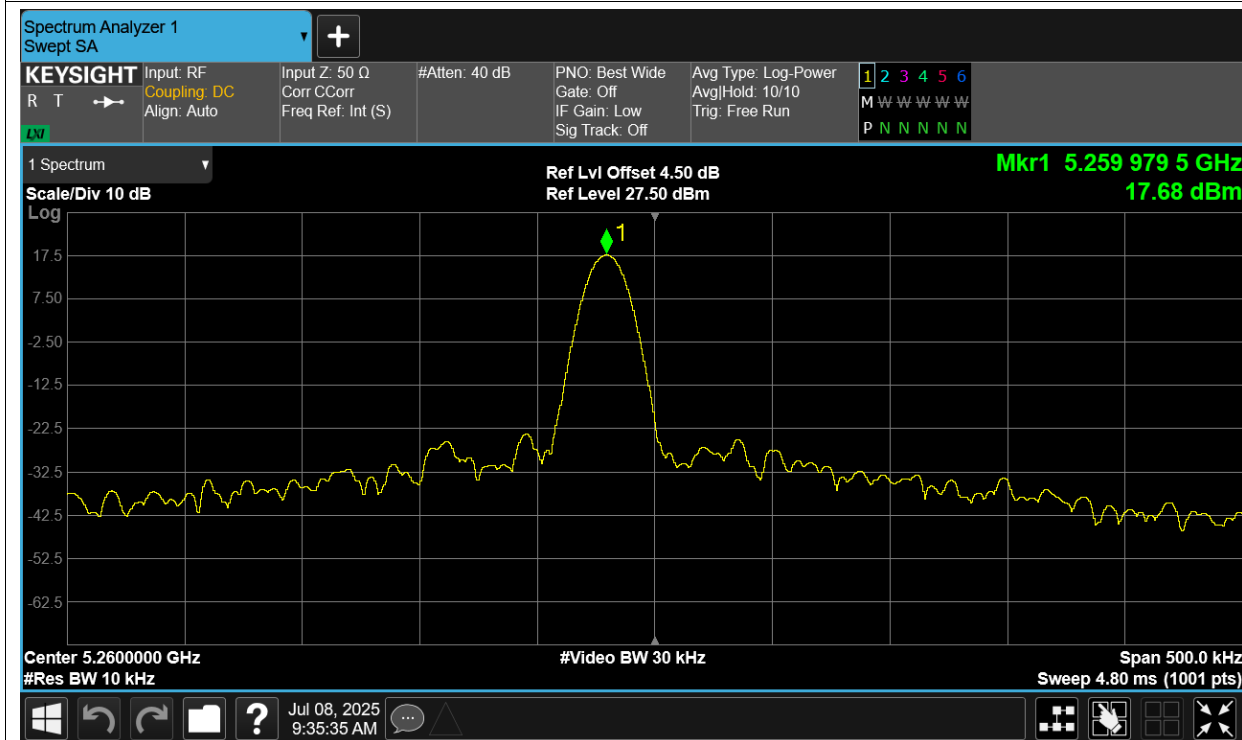
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.9795	-3.9	Within authorized band	Pass
LVNT	a	5260	Ant1	5259.9795	-3.9		Pass
NVHT	a	5260	Ant1	5259.98	-3.8		Pass
NVLT	a	5260	Ant1	5259.98	-3.8		Pass
NVNT	a	5260	Ant1	5259.9805	-3.71		Pass
HVNT	ac80	5290	Ant1	5289.979	-3.97		Pass
LVNT	ac80	5290	Ant1	5289.979	-3.97		Pass
NVHT	ac80	5290	Ant1	5289.979	-3.97		Pass
NVLT	ac80	5290	Ant1	5289.9795	-3.88		Pass
NVNT	ac80	5290	Ant1	5289.9795	-3.88		Pass
HVNT	n40	5270	Ant1	5269.979	-3.98		Pass
LVNT	n40	5270	Ant1	5269.979	-3.98		Pass
NVHT	n40	5270	Ant1	5269.9795	-3.89		Pass
NVLT	n40	5270	Ant1	5269.9795	-3.89		Pass
NVNT	n40	5270	Ant1	5269.98	-3.8		Pass

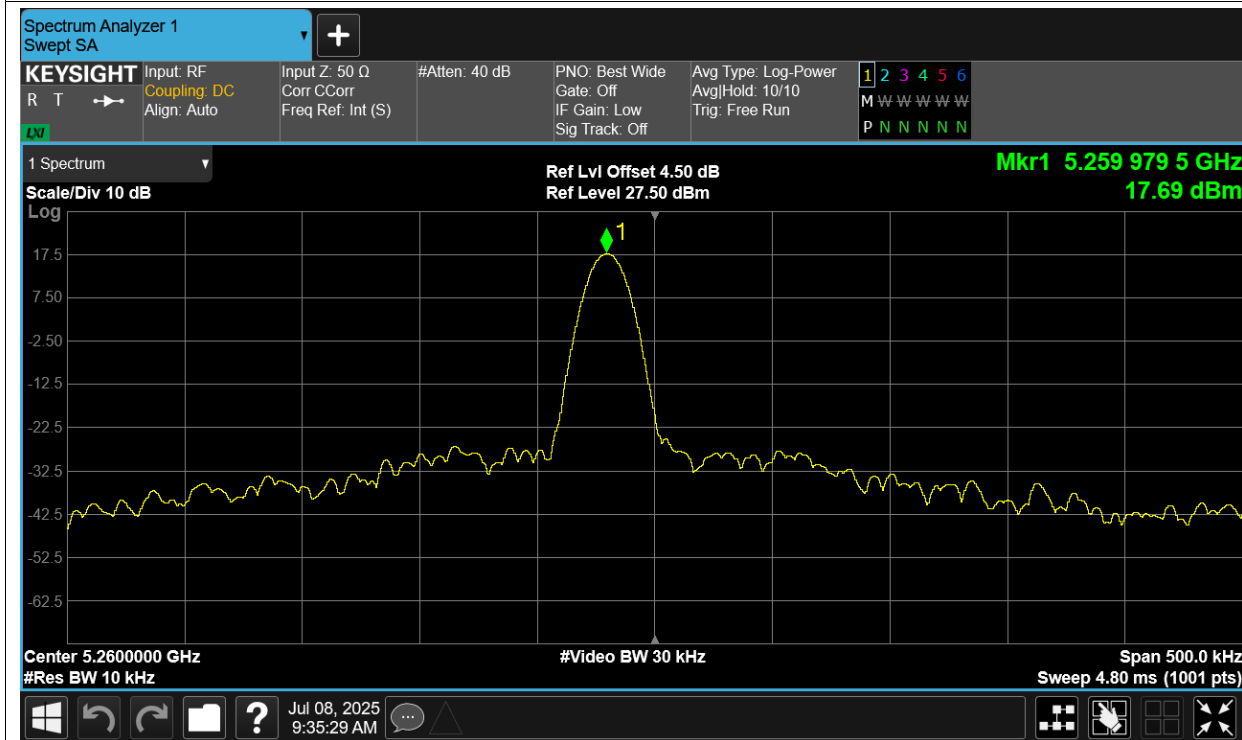
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low. Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

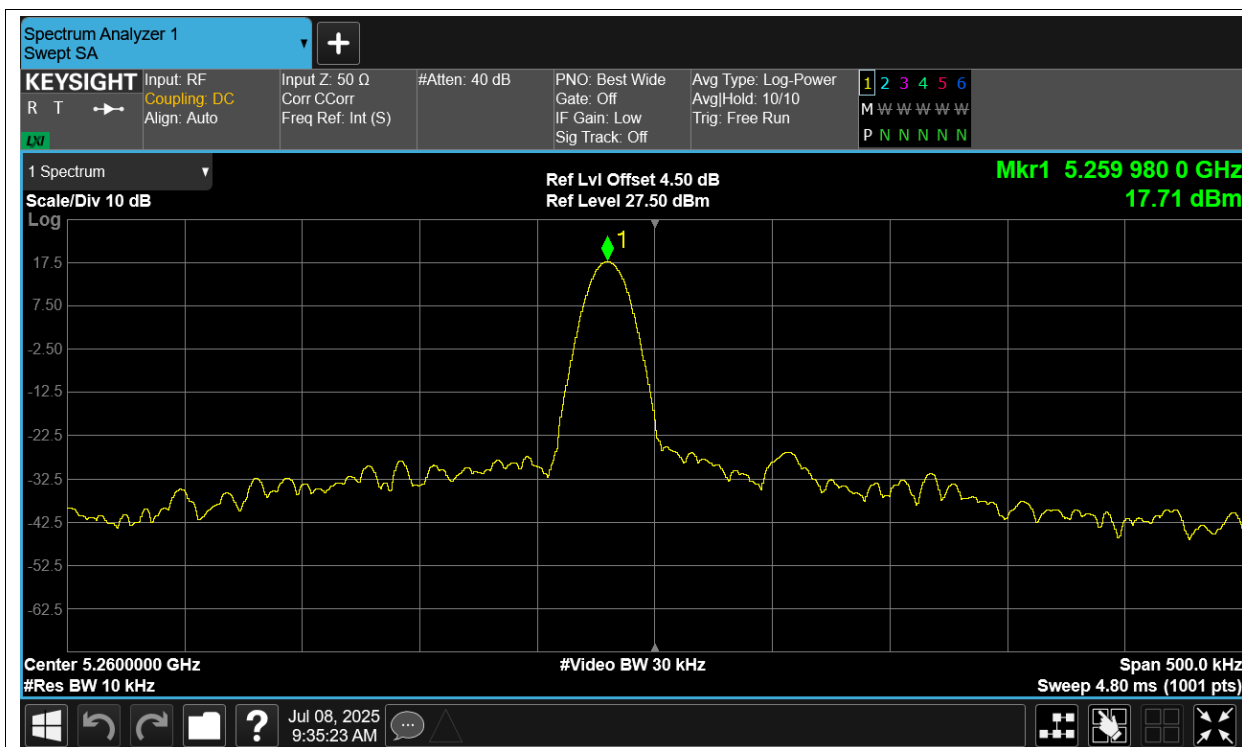
Freq. Stability HVNT a 5260MHz Ant1



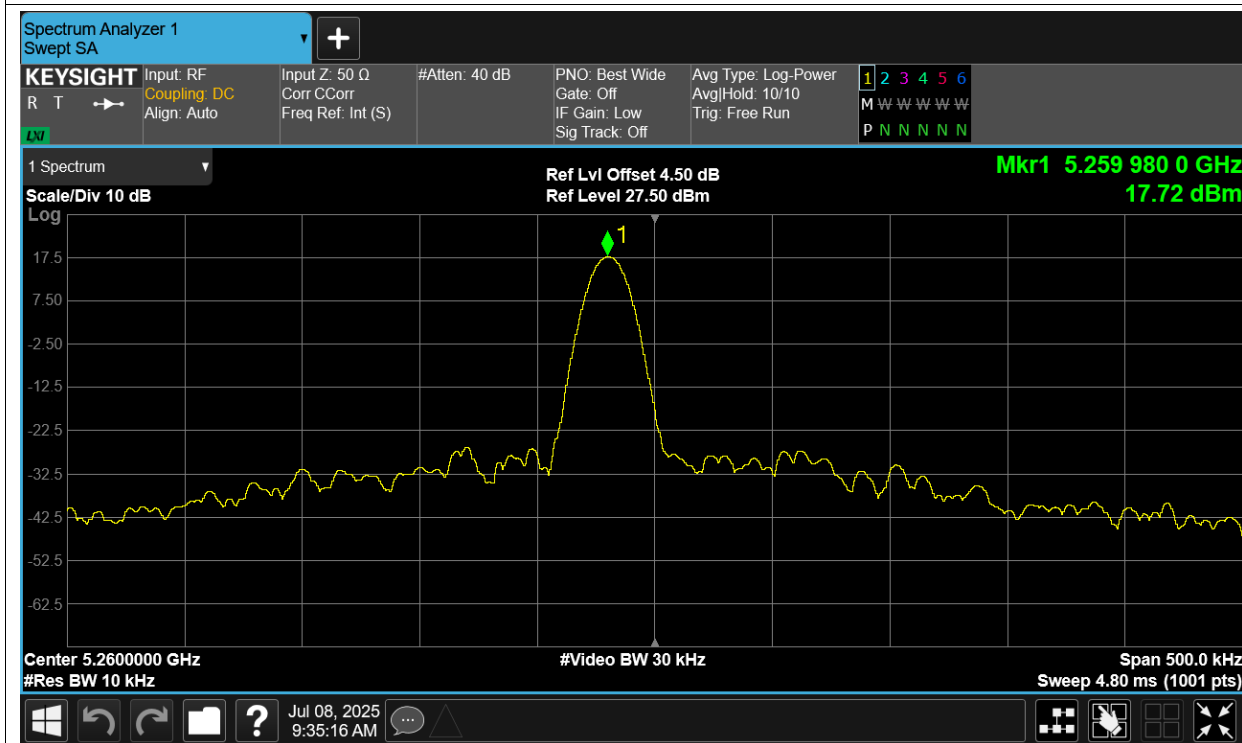
Freq. Stability LVNT a 5260MHz Ant1



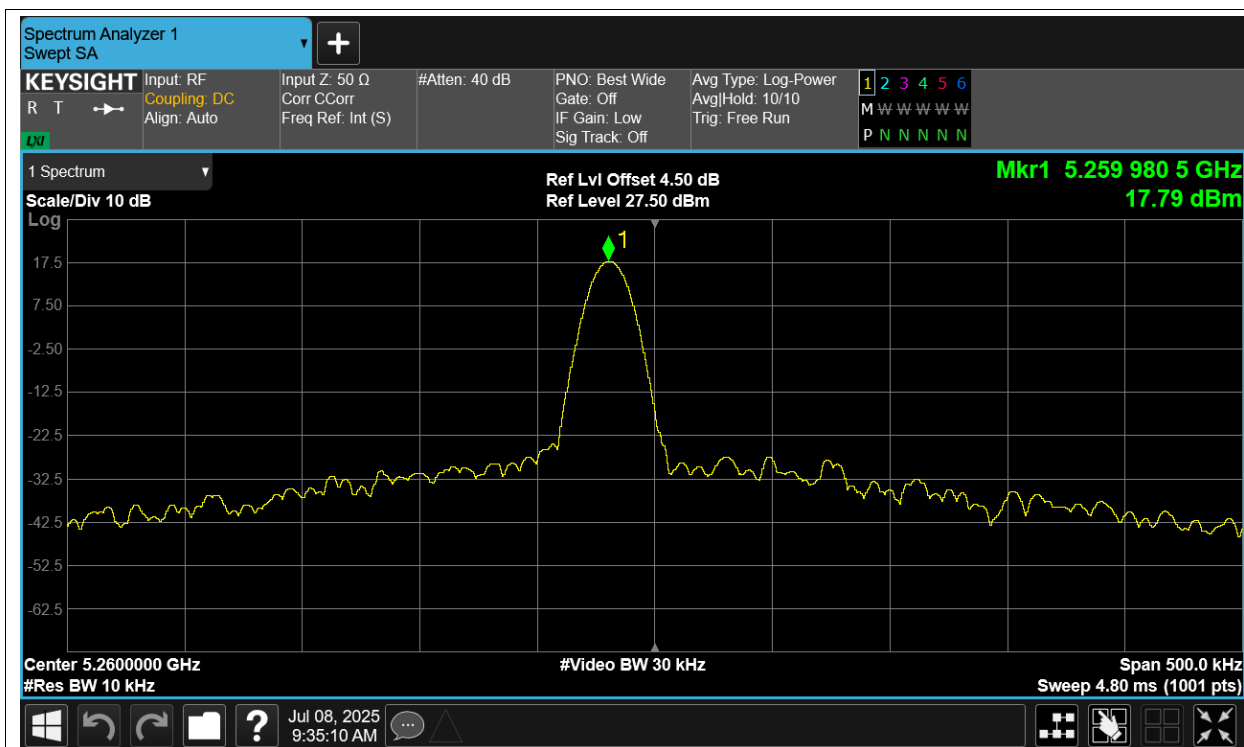
Freq. Stability NVHT a 5260MHz Ant1



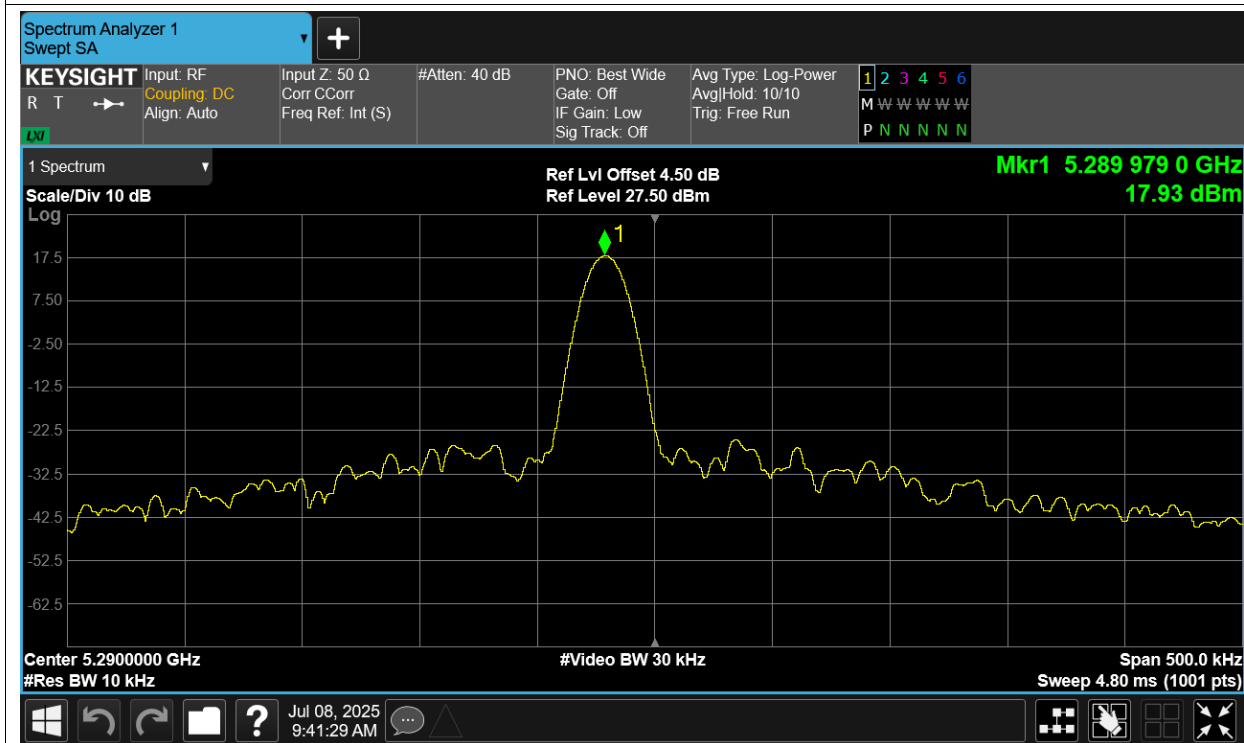
Freq. Stability NVLT a 5260MHz Ant1



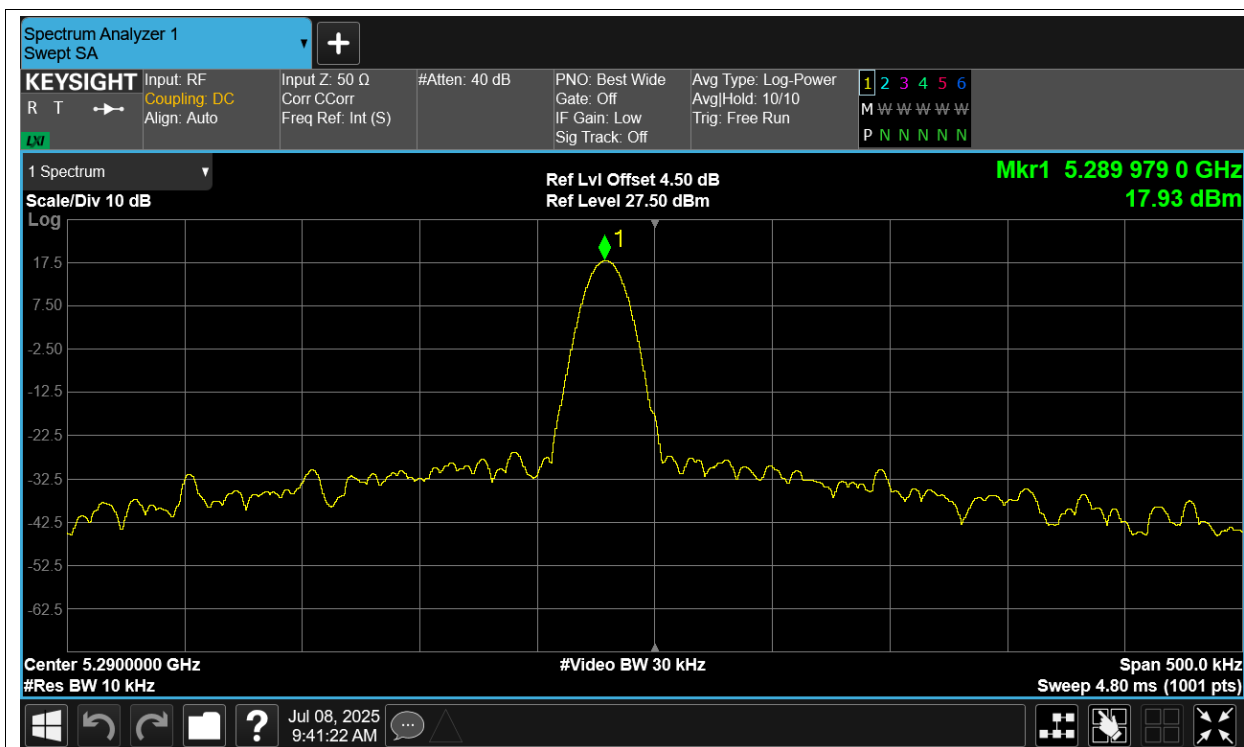
Freq. Stability NVNT a 5260MHz Ant1



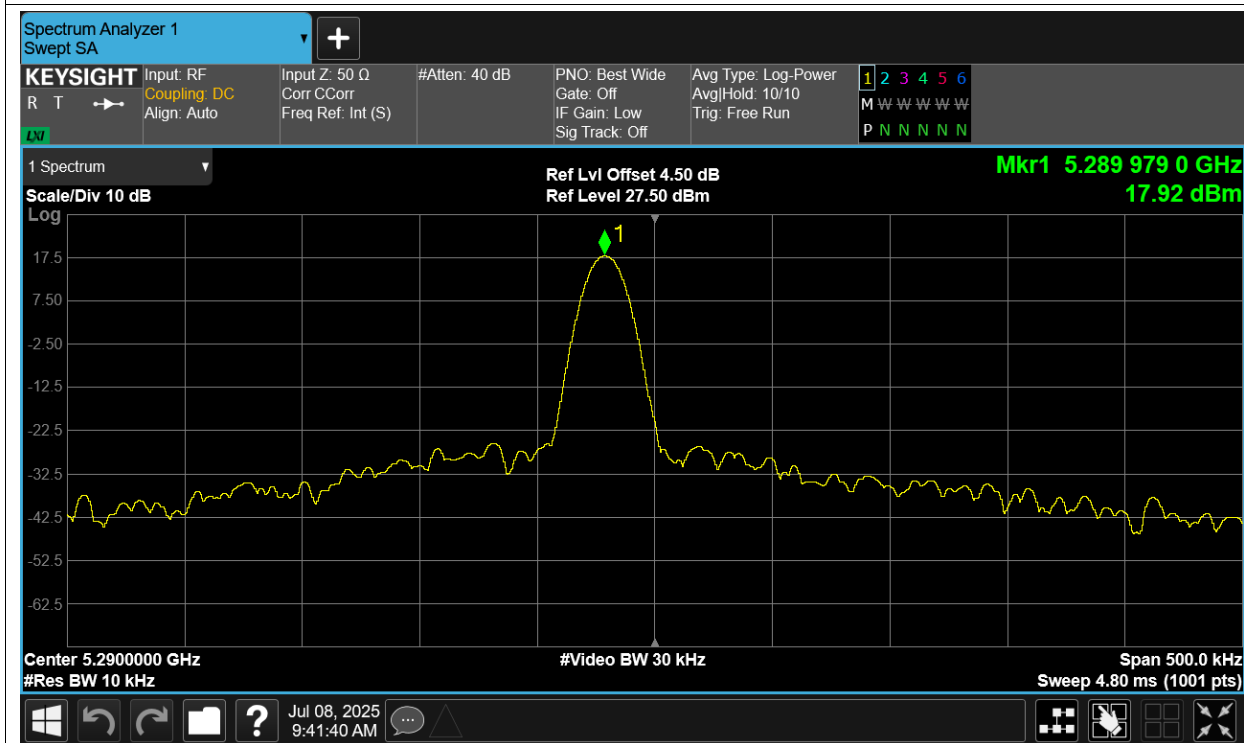
Freq. Stability HVNT ac80 5290MHz Ant1



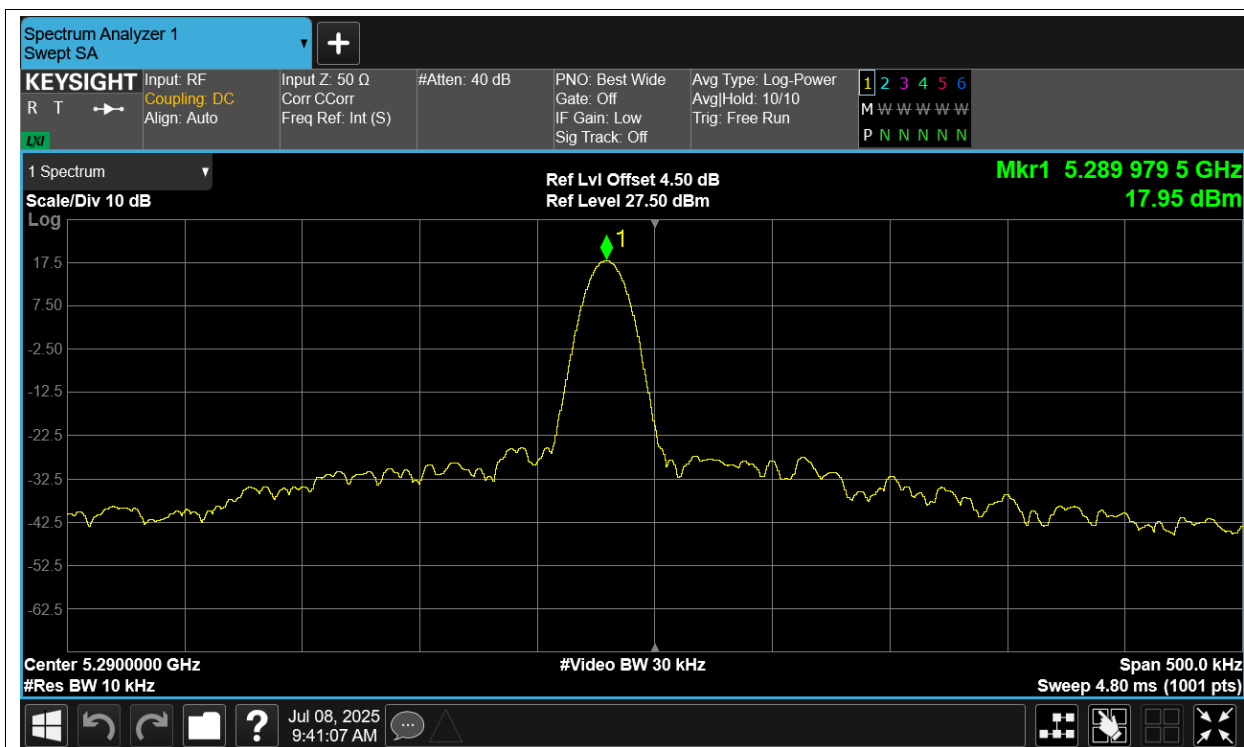
Freq. Stability LVNT ac80 5290MHz Ant1



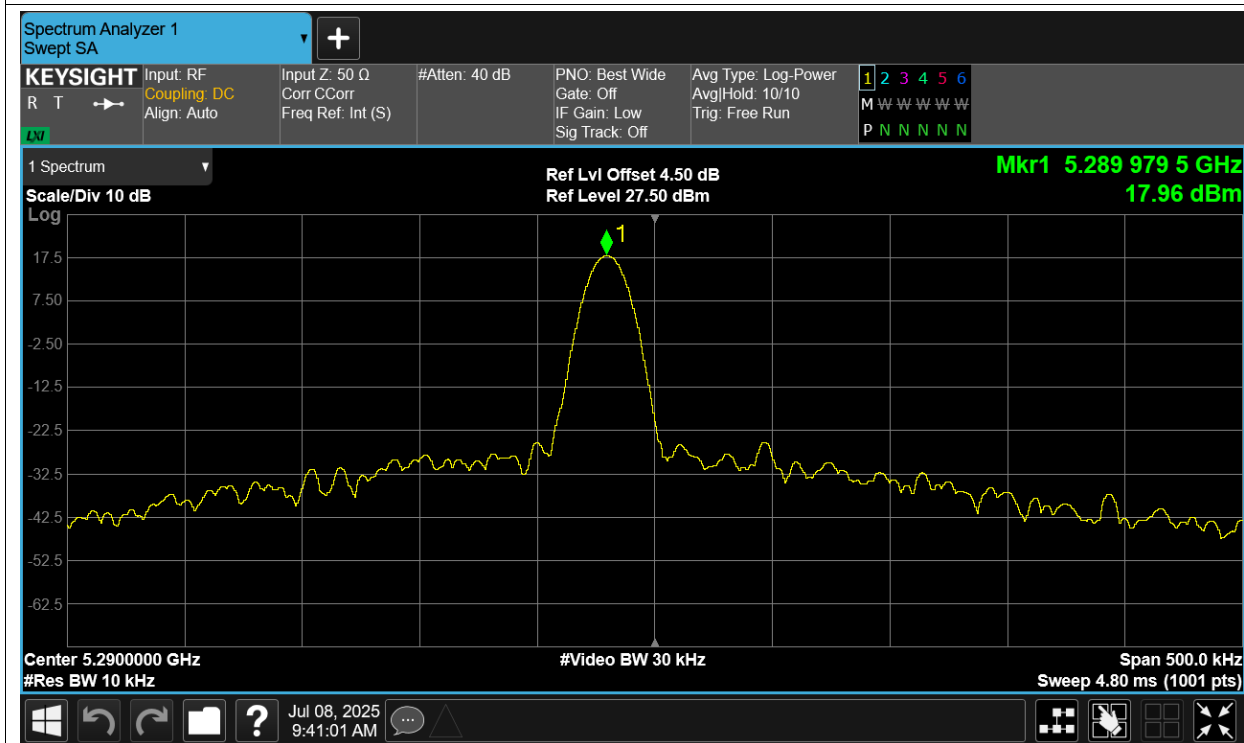
Freq. Stability NVHT ac80 5290MHz Ant1



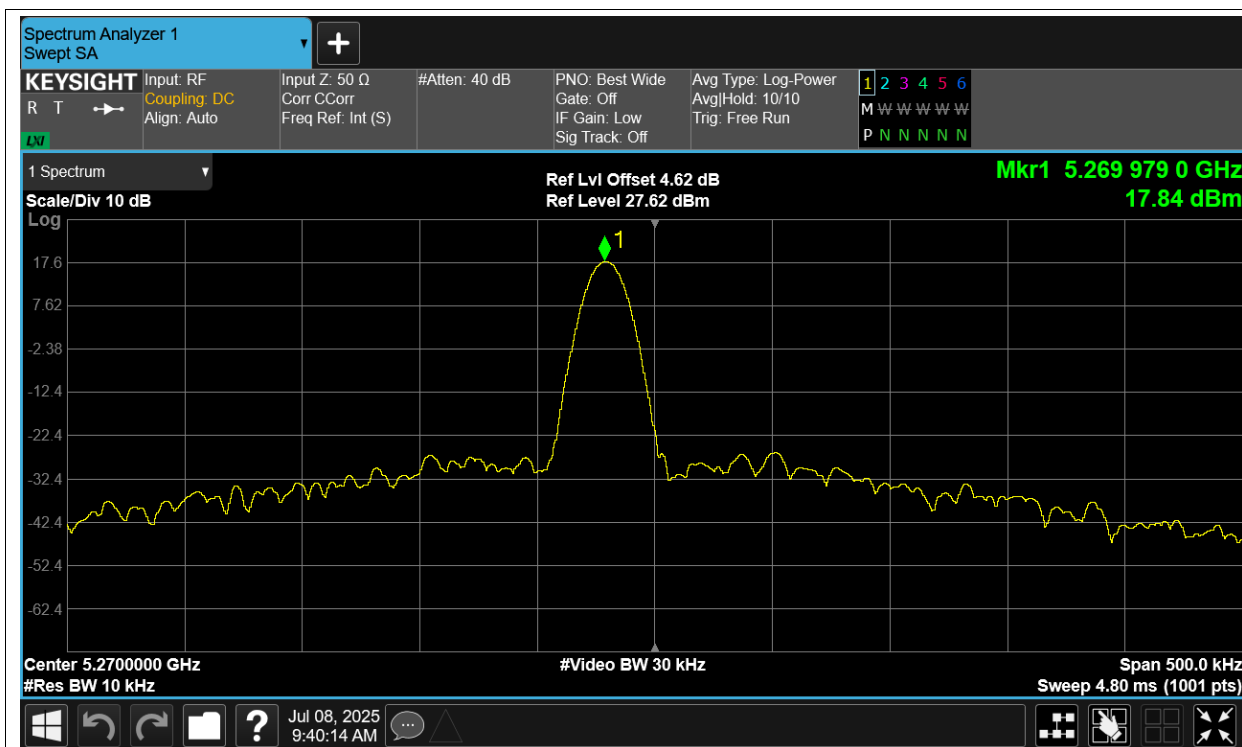
Freq. Stability NVLT ac80 5290MHz Ant1



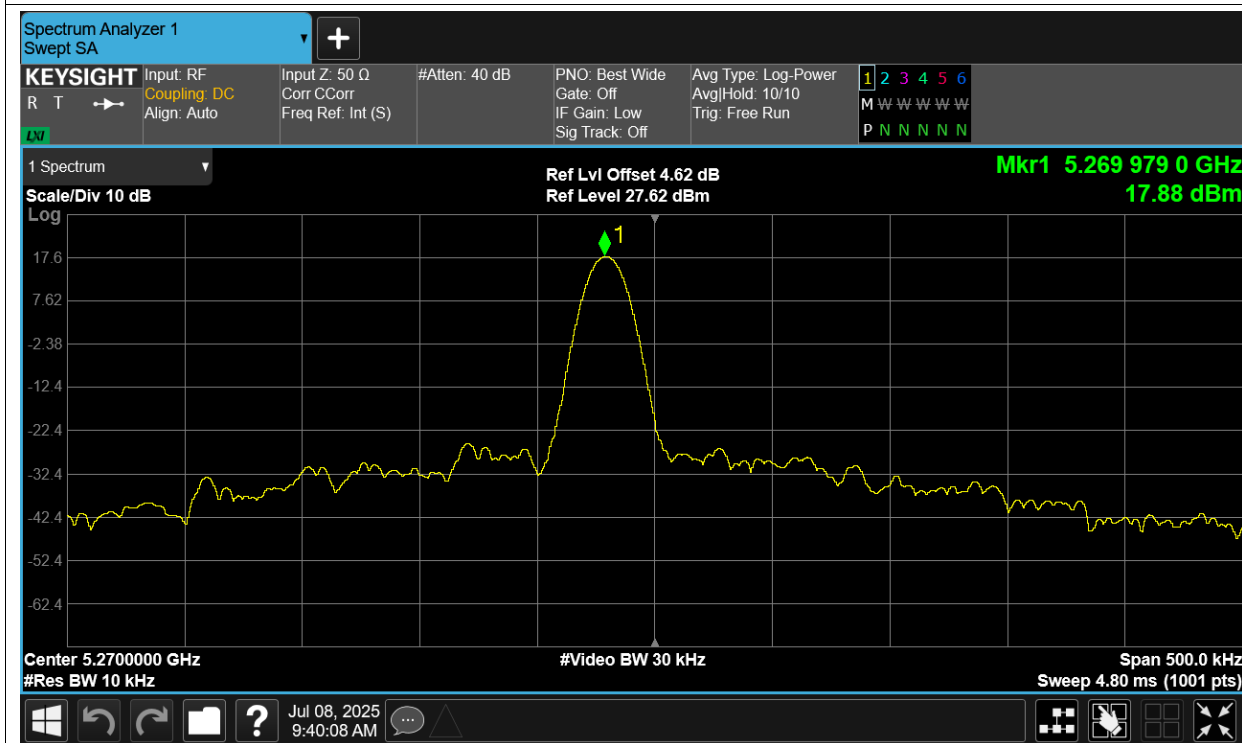
Freq. Stability NVNT ac80 5290MHz Ant1



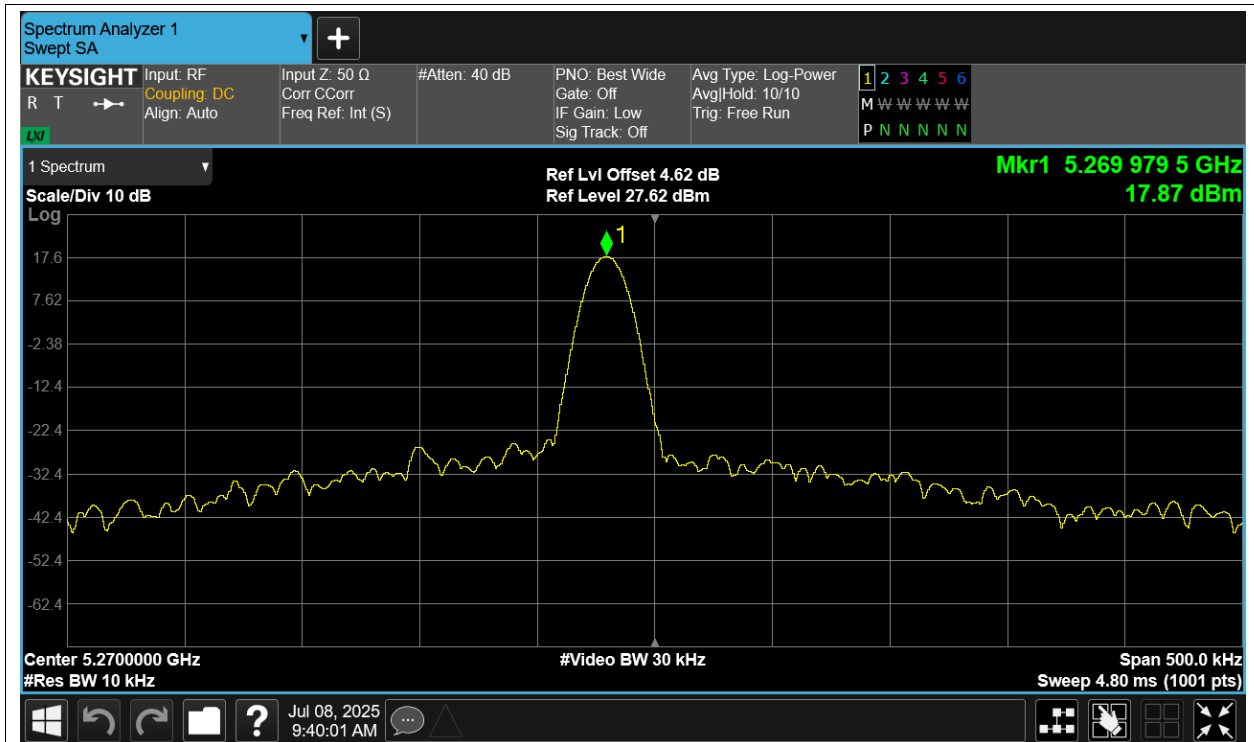
Freq. Stability HVNT n40 5270MHz Ant1



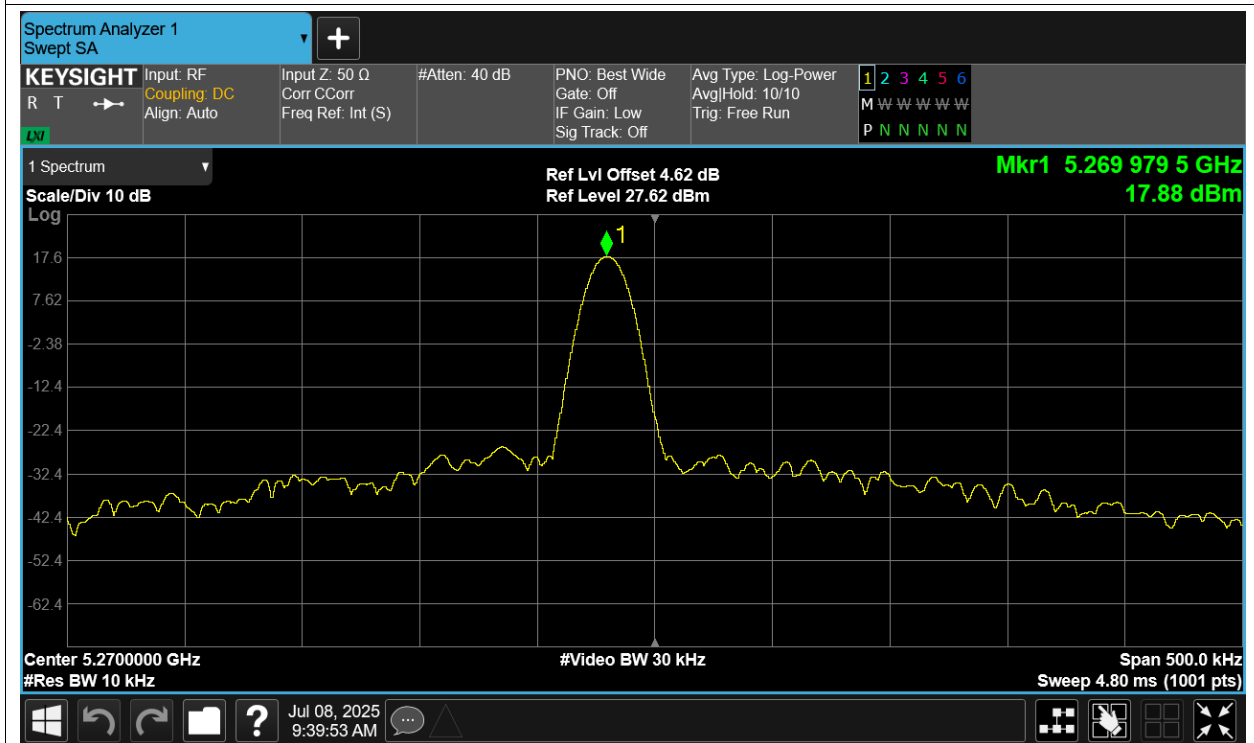
Freq. Stability LVNT n40 5270MHz Ant1



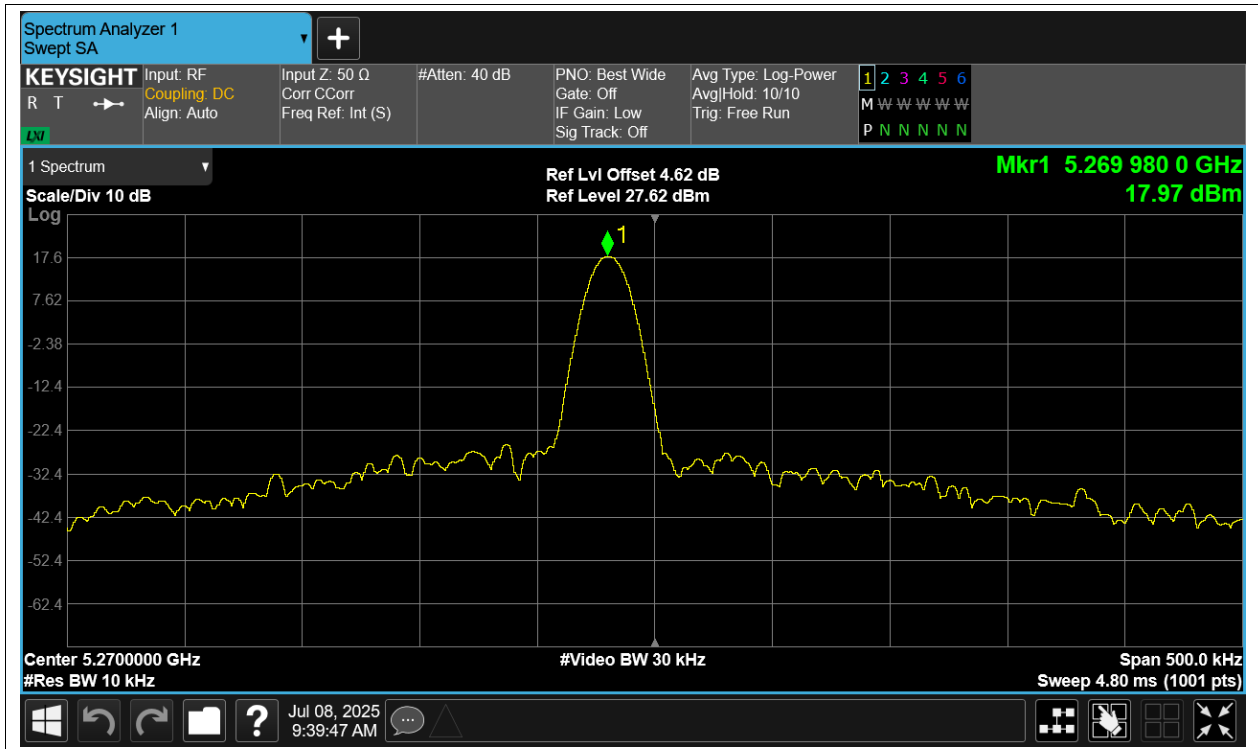
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1

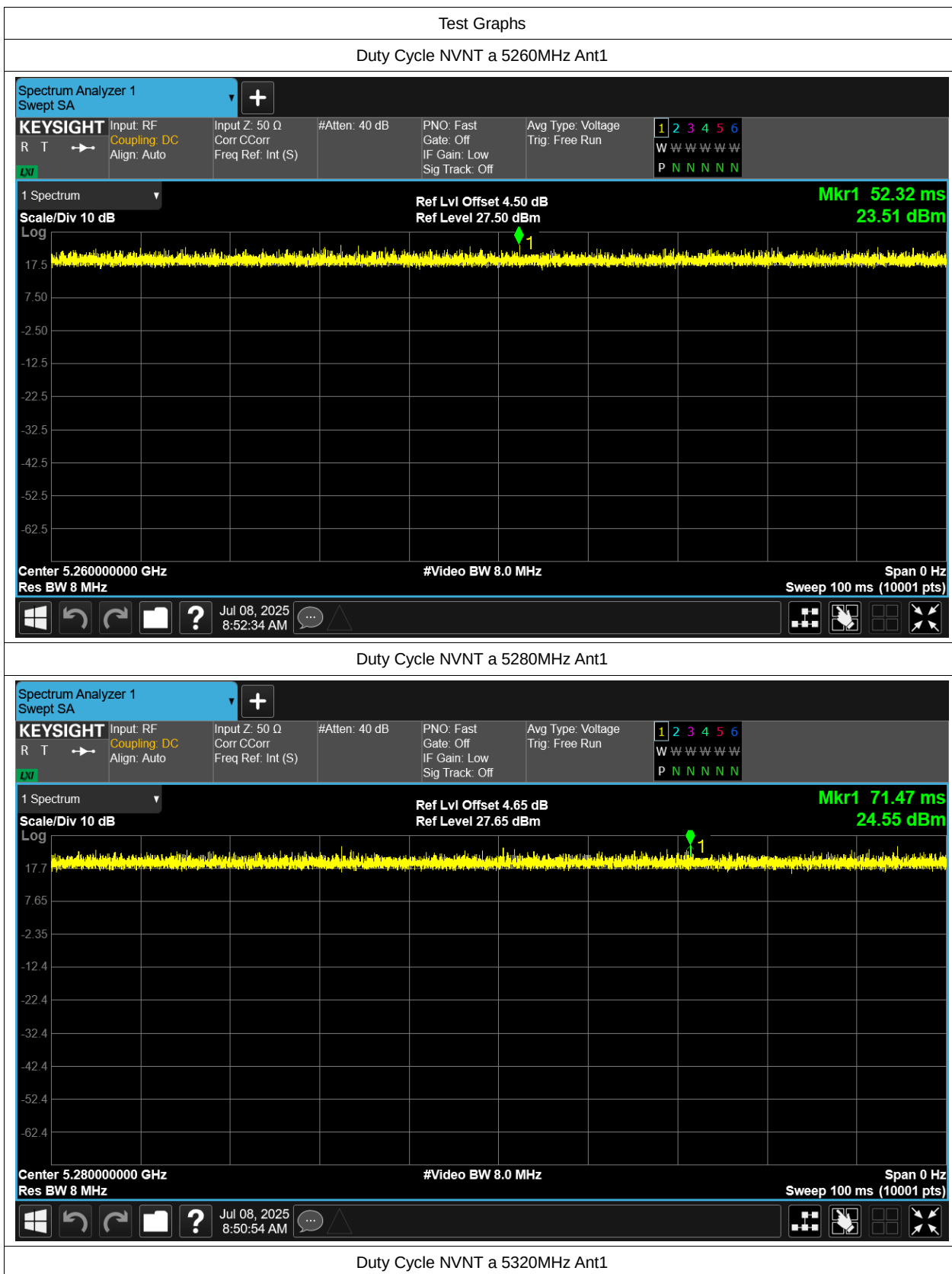


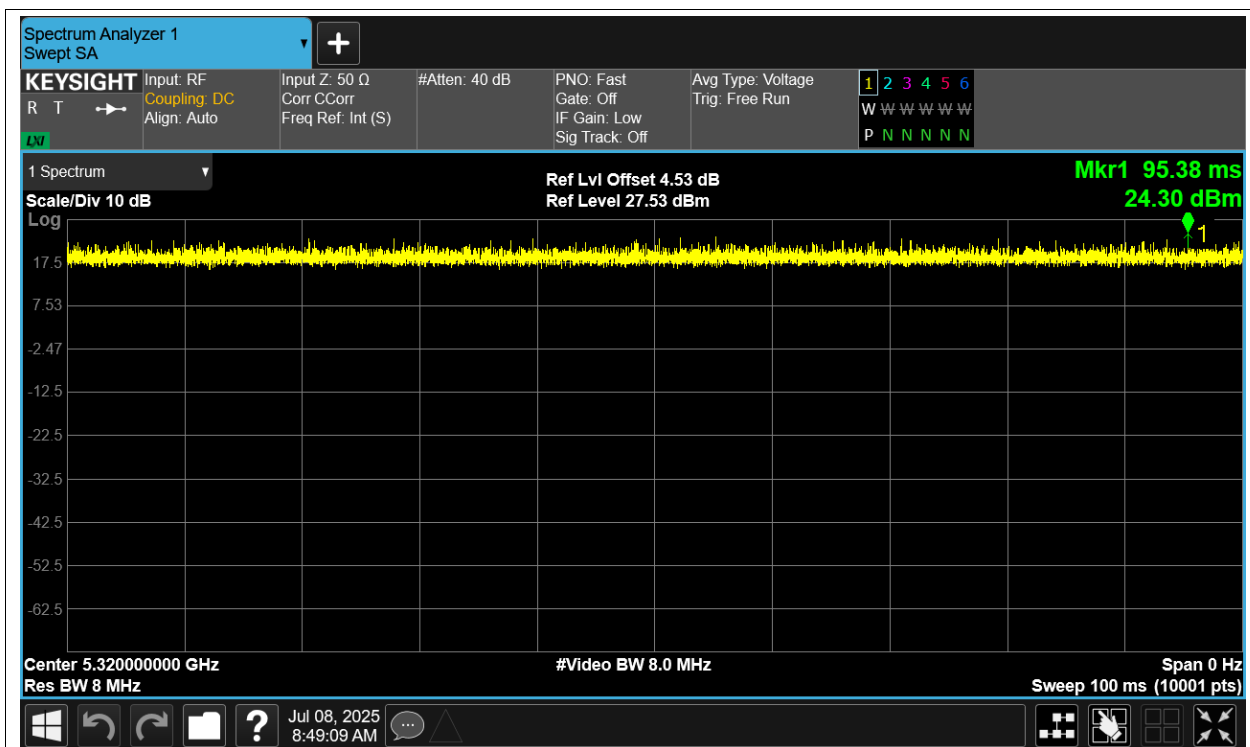
Freq. Stability NVNT n40 5270MHz Ant1



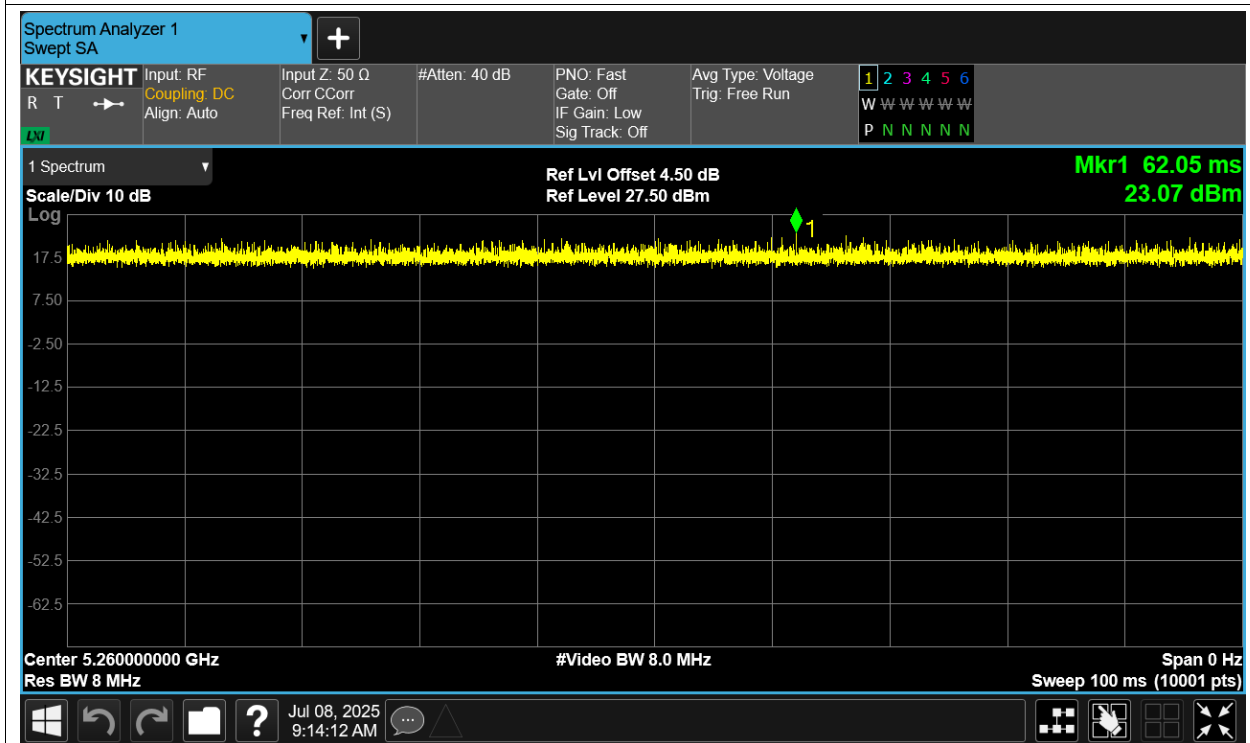
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	100	0
NVNT	a	5280	Ant1	100	0
NVNT	a	5320	Ant1	100	0
NVNT	ac20	5260	Ant1	100	0
NVNT	ac20	5280	Ant1	100	0
NVNT	ac20	5320	Ant1	100	0
NVNT	ac40	5270	Ant1	100	0
NVNT	ac40	5310	Ant1	100	0
NVNT	ac80	5290	Ant1	100	0
NVNT	n20	5260	Ant1	100	0
NVNT	n20	5280	Ant1	100	0
NVNT	n20	5320	Ant1	100	0
NVNT	n40	5270	Ant1	100	0
NVNT	n40	5310	Ant1	100	0

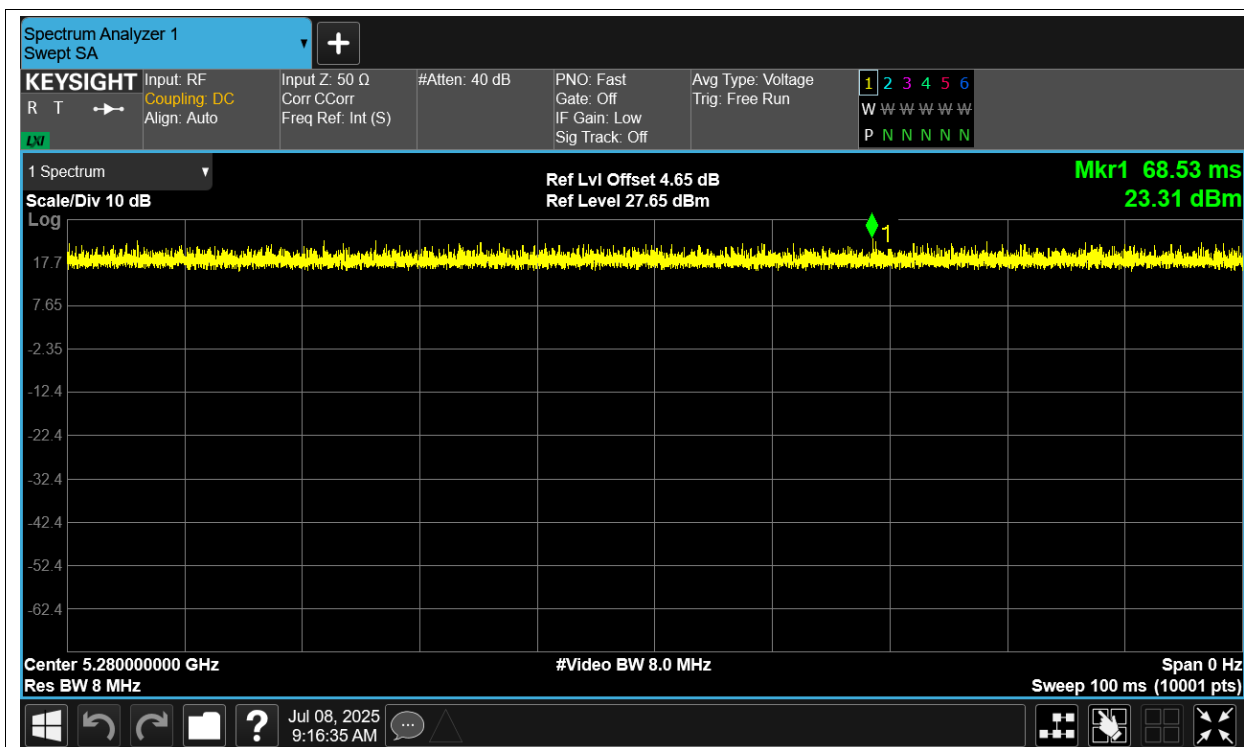




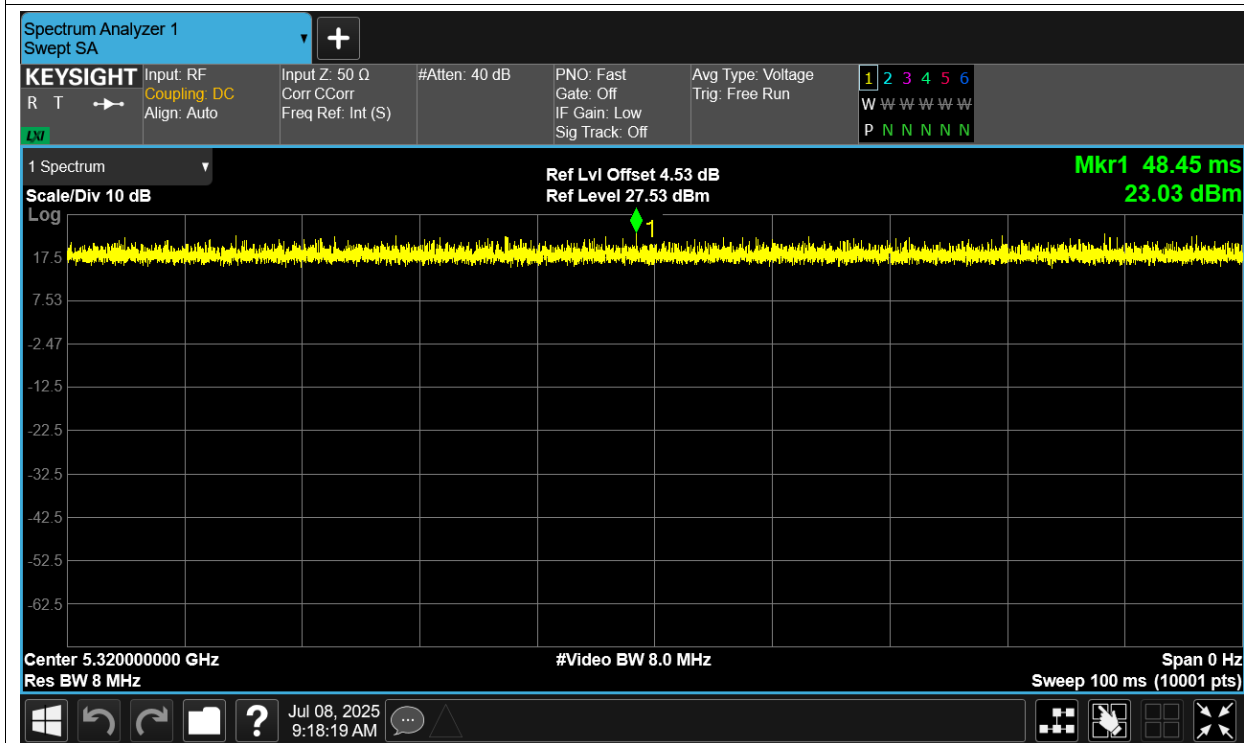
Duty Cycle NVNT ac20 5260MHz Ant1



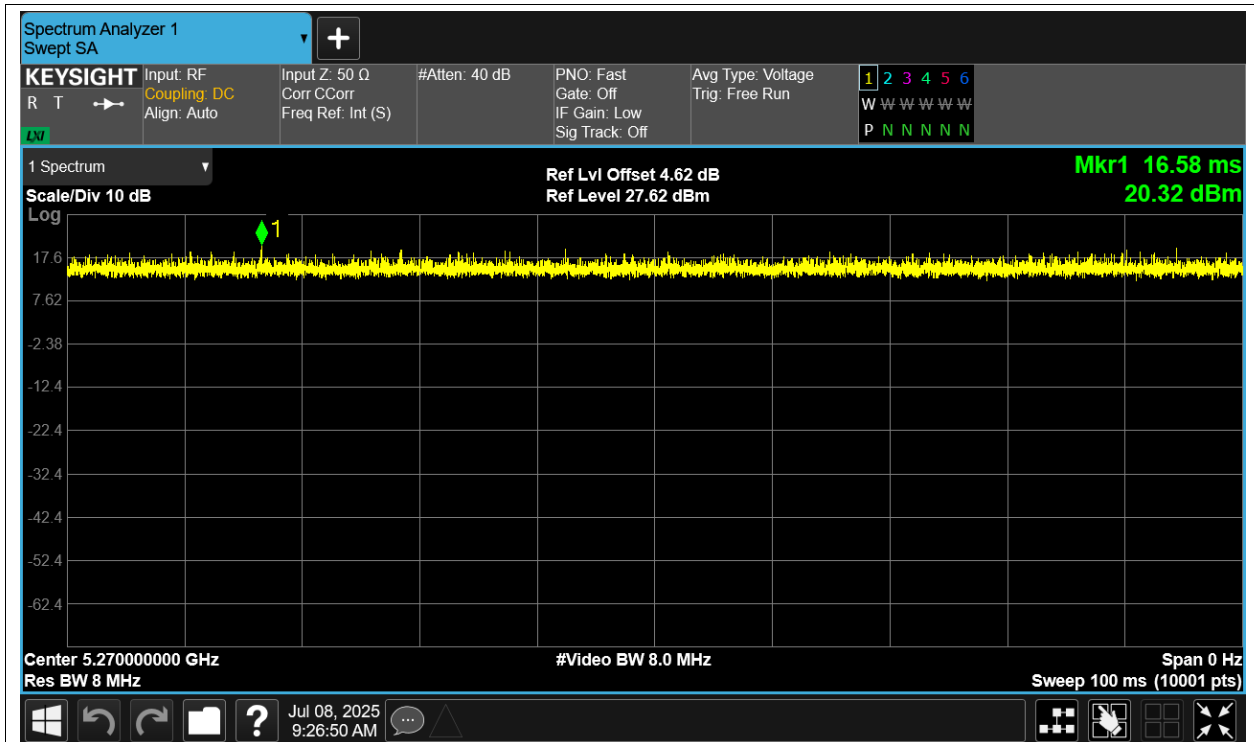
Duty Cycle NVNT ac20 5280MHz Ant1



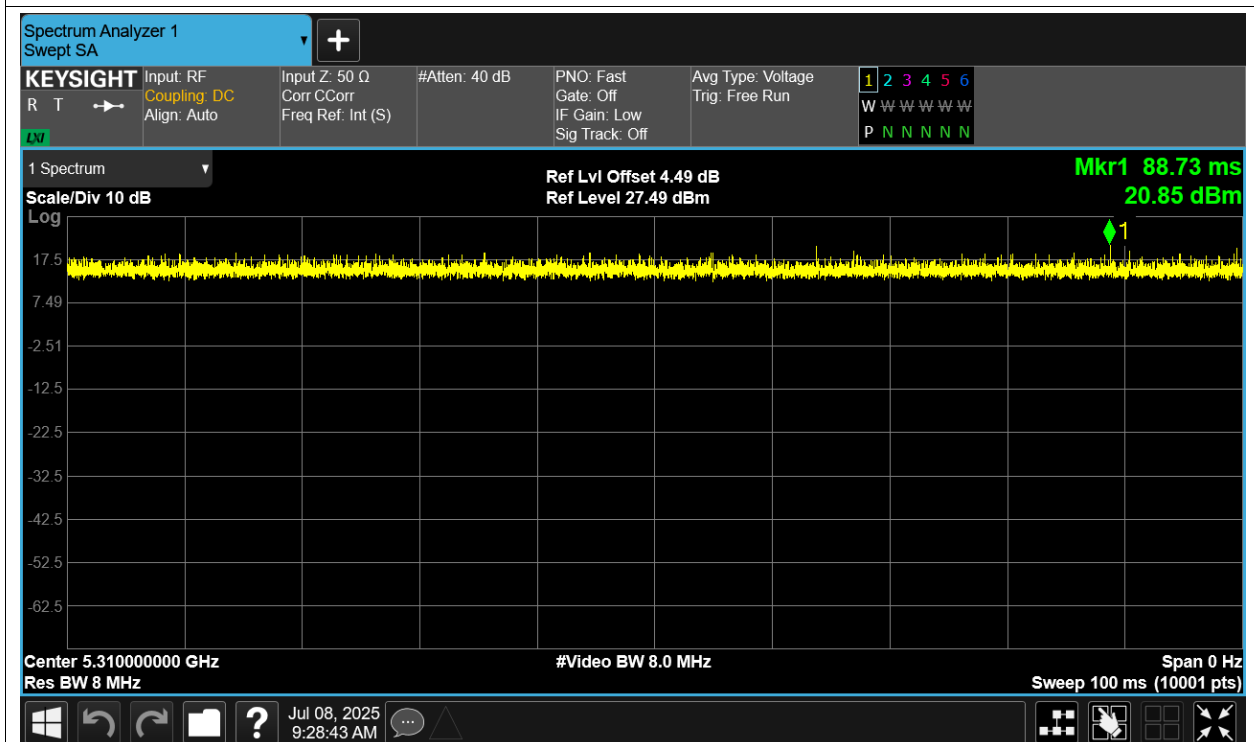
Duty Cycle NVNT ac20 5320MHz Ant1



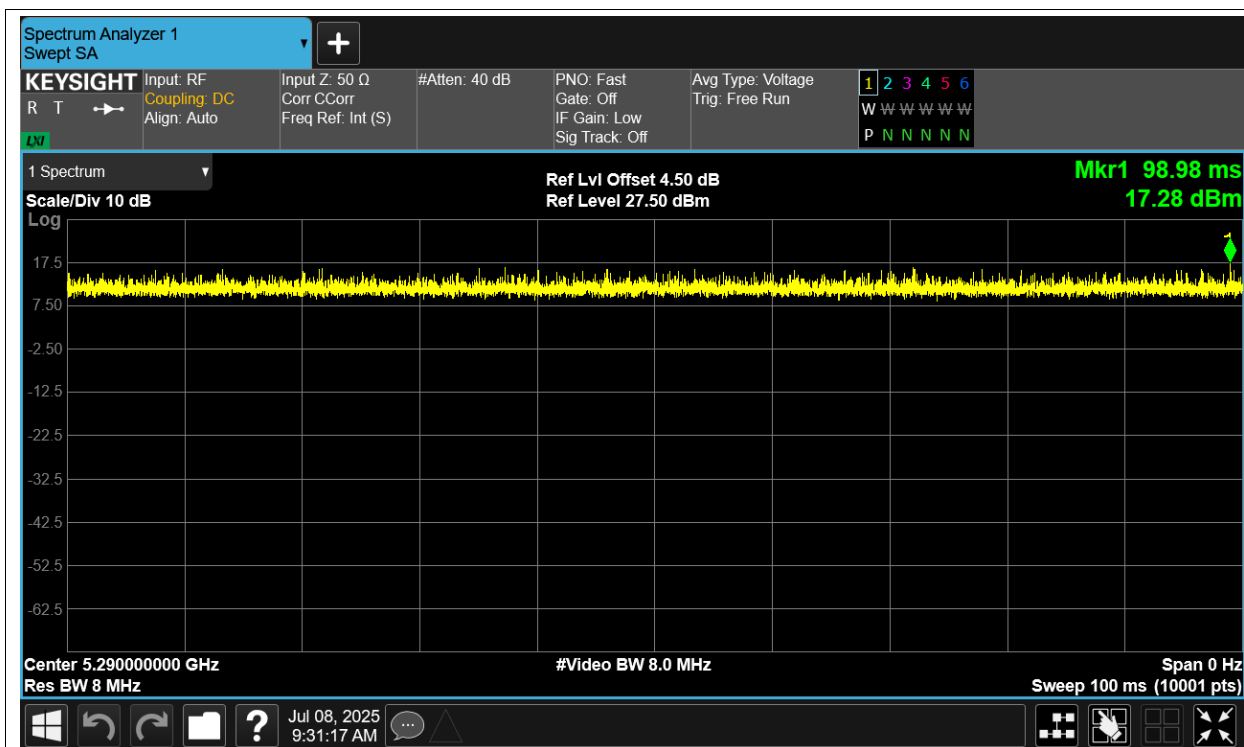
Duty Cycle NVNT ac40 5270MHz Ant1



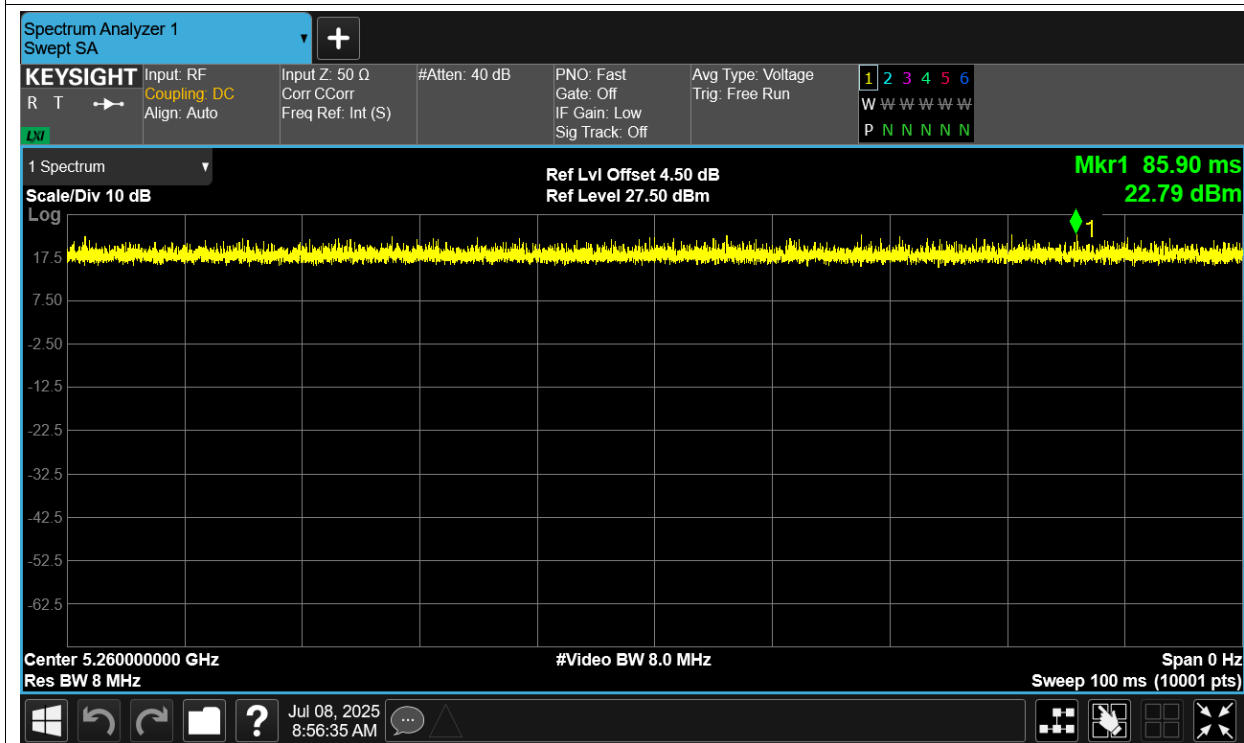
Duty Cycle NVNT ac40 5310MHz Ant1



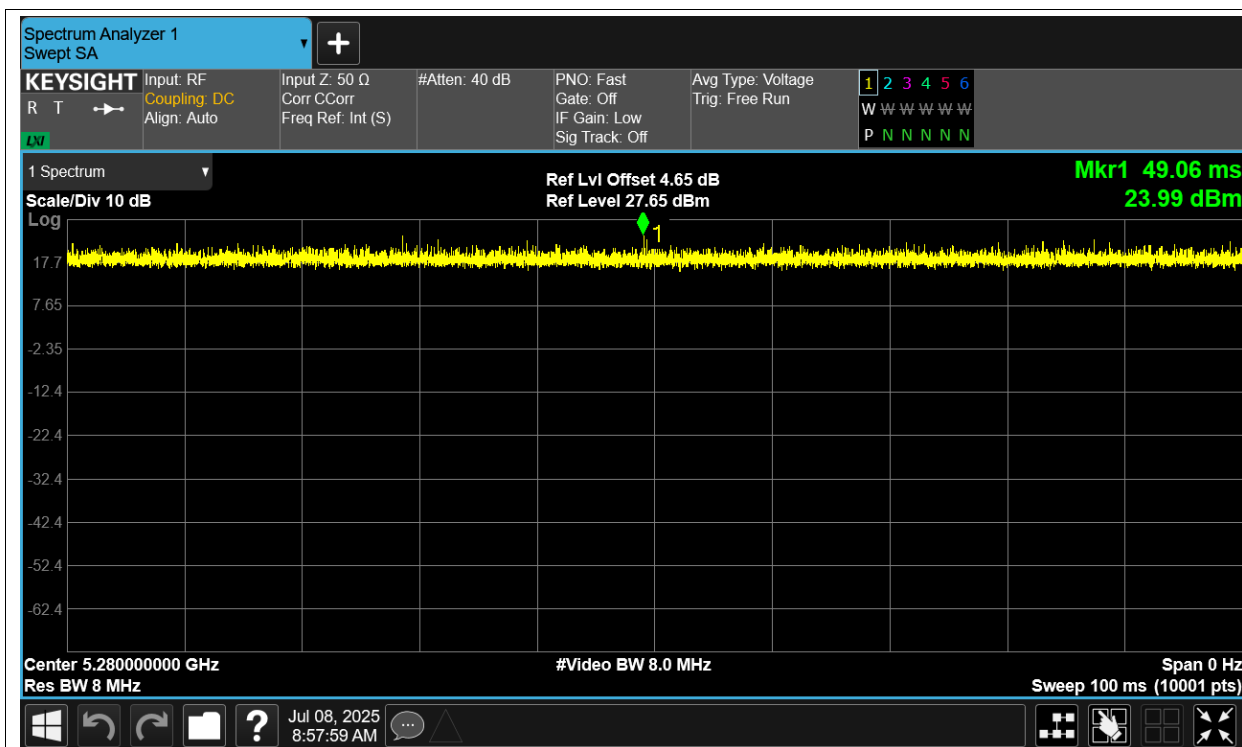
Duty Cycle NVNT ac80 5290MHz Ant1



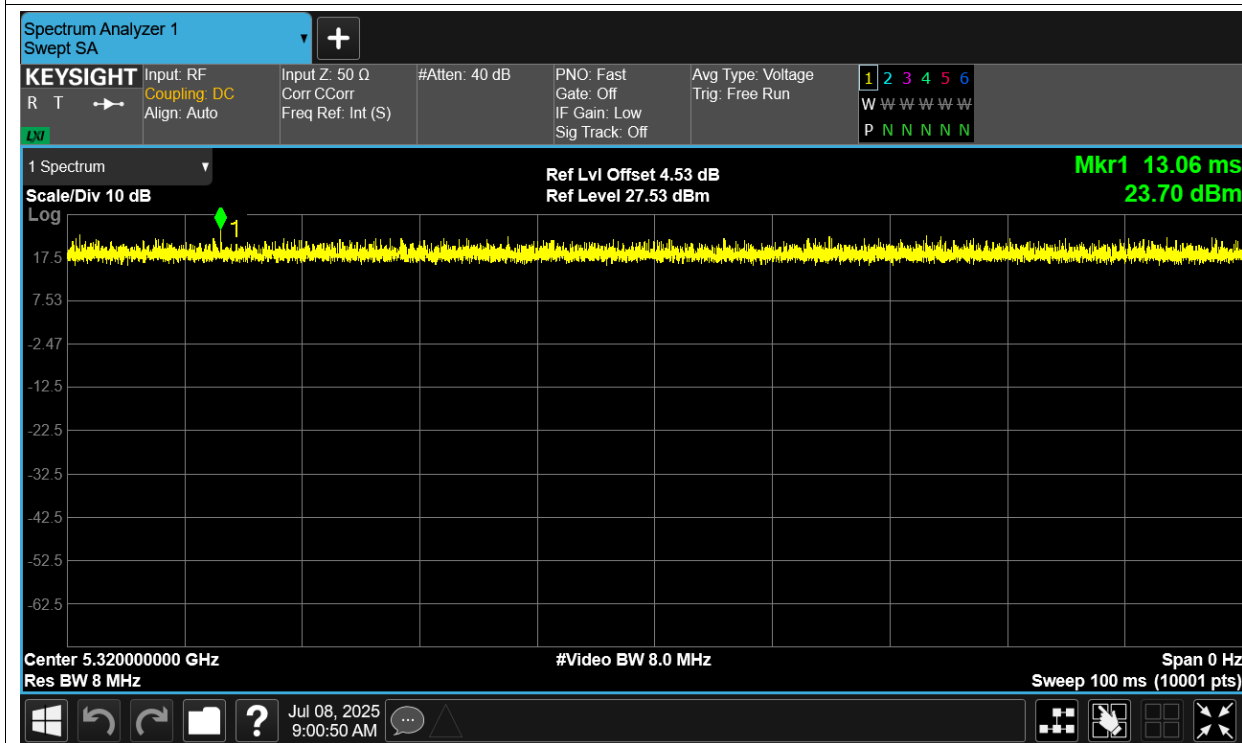
Duty Cycle NVNT n20 5260MHz Ant1



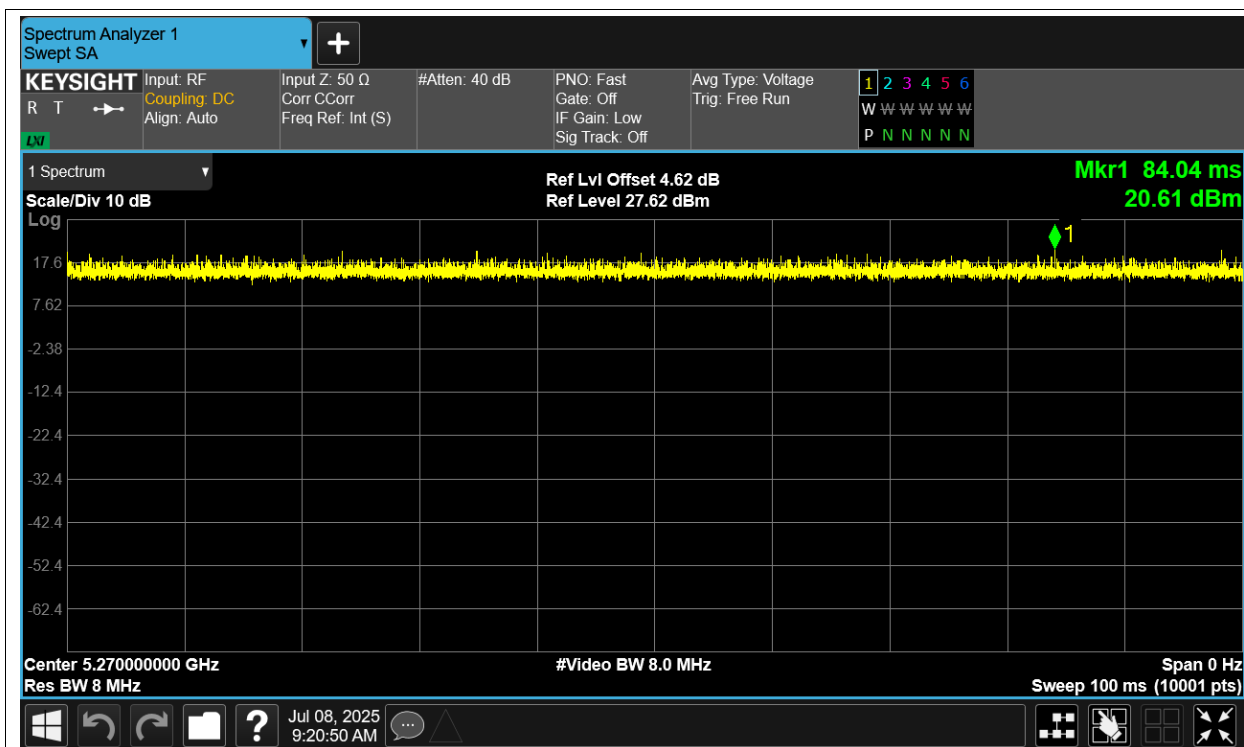
Duty Cycle NVNT n20 5280MHz Ant1



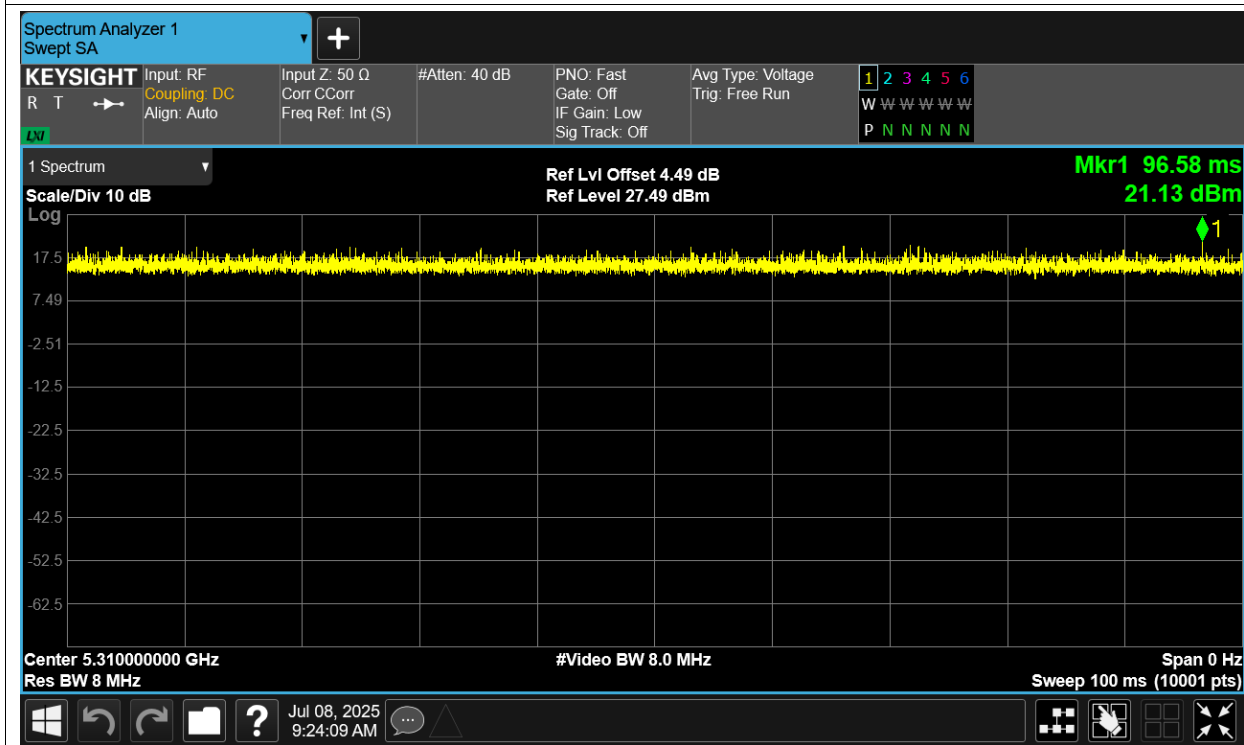
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Maximum Conducted Output Power

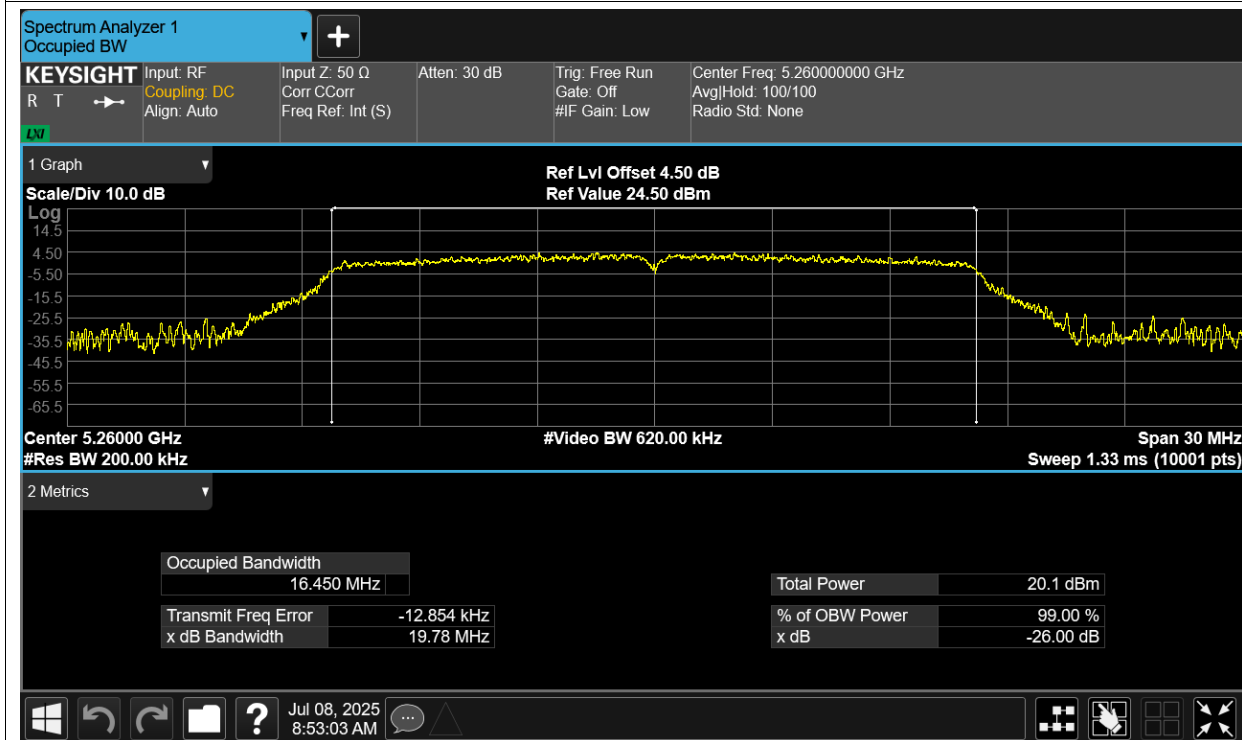
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	9.66	0	9.66	24	Pass
NVNT	a	5280	Ant1	9.29	0	9.29	24	Pass
NVNT	a	5320	Ant1	9.8	0	9.8	24	Pass
NVNT	ac20	5260	Ant1	9.51	0	9.51	24	Pass
NVNT	ac20	5280	Ant1	9.54	0	9.54	24	Pass
NVNT	ac20	5320	Ant1	9.66	0	9.66	24	Pass
NVNT	ac40	5270	Ant1	9.52	0	9.52	24	Pass
NVNT	ac40	5310	Ant1	9.83	0	9.83	24	Pass
NVNT	ac80	5290	Ant1	9.6	0	9.6	24	Pass
NVNT	n20	5260	Ant1	9.46	0	9.46	24	Pass
NVNT	n20	5280	Ant1	9.9	0	9.9	24	Pass
NVNT	n20	5320	Ant1	9.69	0	9.69	24	Pass
NVNT	n40	5270	Ant1	9.44	0	9.44	24	Pass
NVNT	n40	5310	Ant1	9.86	0	9.86	24	Pass

Occupied Channel Bandwidth

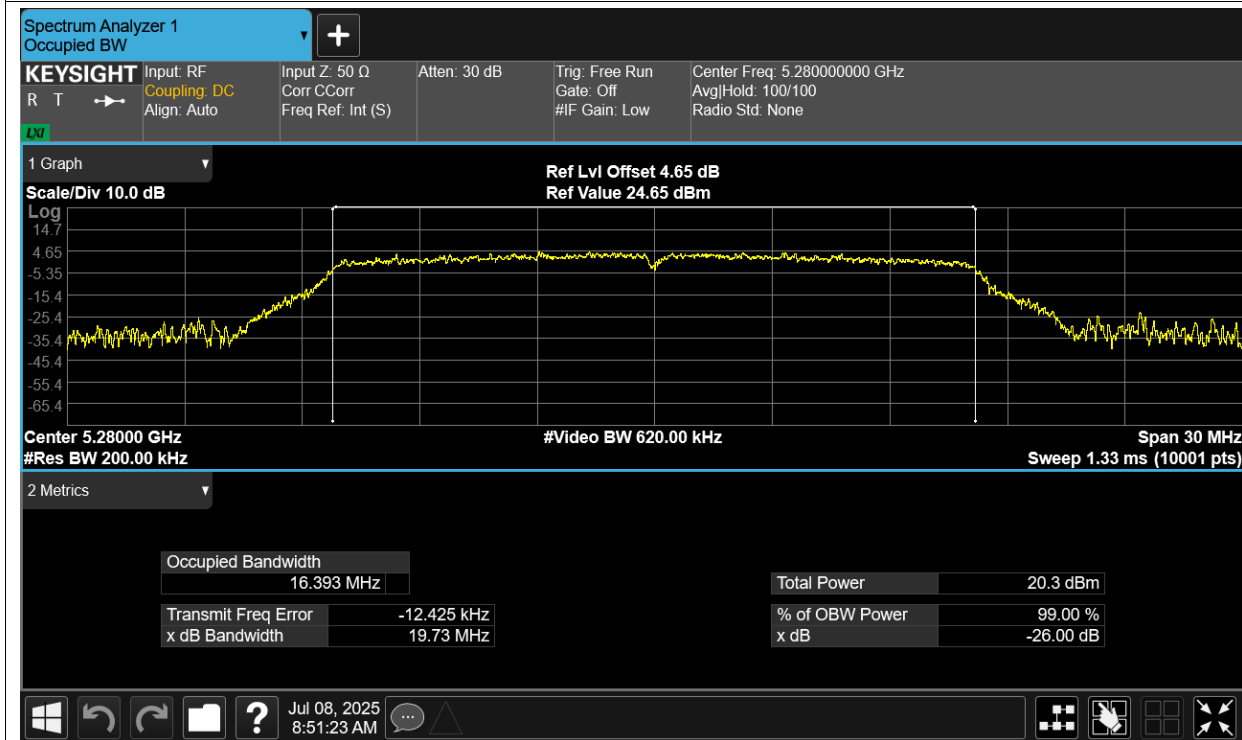
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.45
NVNT	a	5280	Ant1	16.393
NVNT	a	5320	Ant1	16.43
NVNT	ac20	5260	Ant1	17.545
NVNT	ac20	5280	Ant1	17.568
NVNT	ac20	5320	Ant1	17.573
NVNT	ac40	5270	Ant1	35.944
NVNT	ac40	5310	Ant1	35.945
NVNT	ac80	5290	Ant1	75.149
NVNT	n20	5260	Ant1	17.545
NVNT	n20	5280	Ant1	17.547
NVNT	n20	5320	Ant1	17.563
NVNT	n40	5270	Ant1	35.914
NVNT	n40	5310	Ant1	35.989

Test Graphs

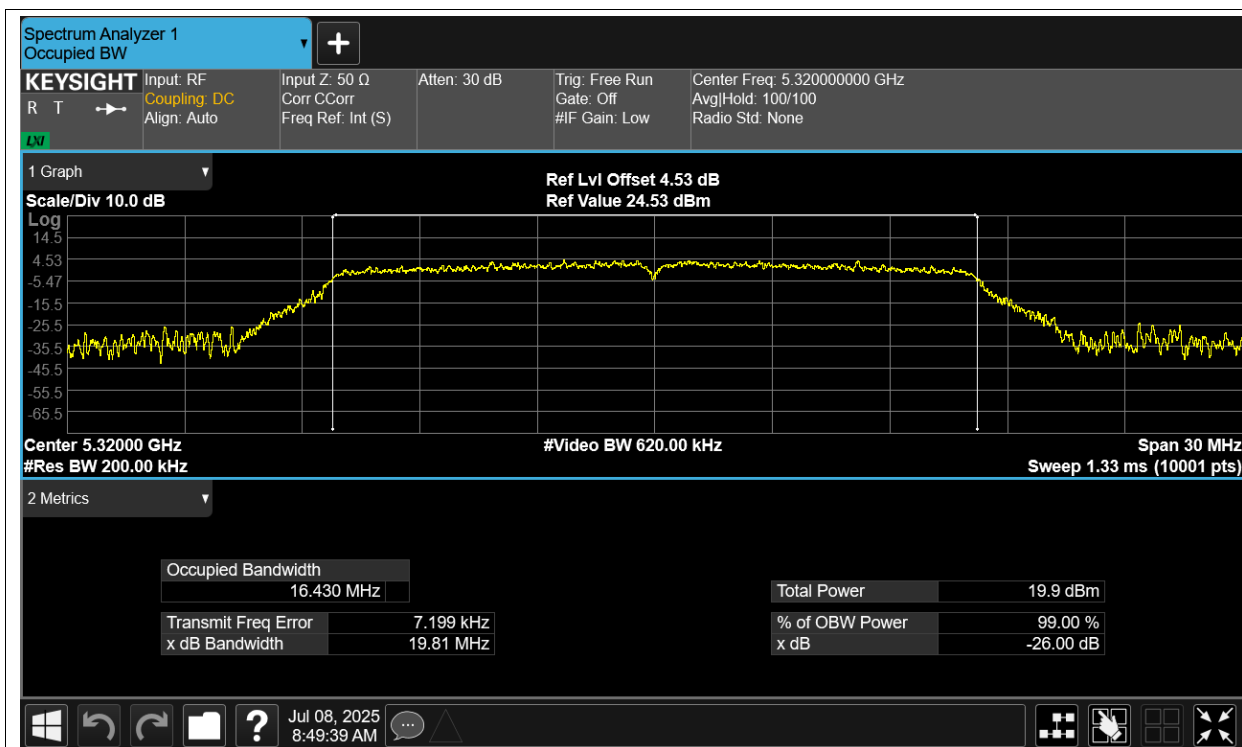
OBW NVNT a 5260MHz Ant1



OBW NVNT a 5280MHz Ant1



OBW NVNT a 5320MHz Ant1



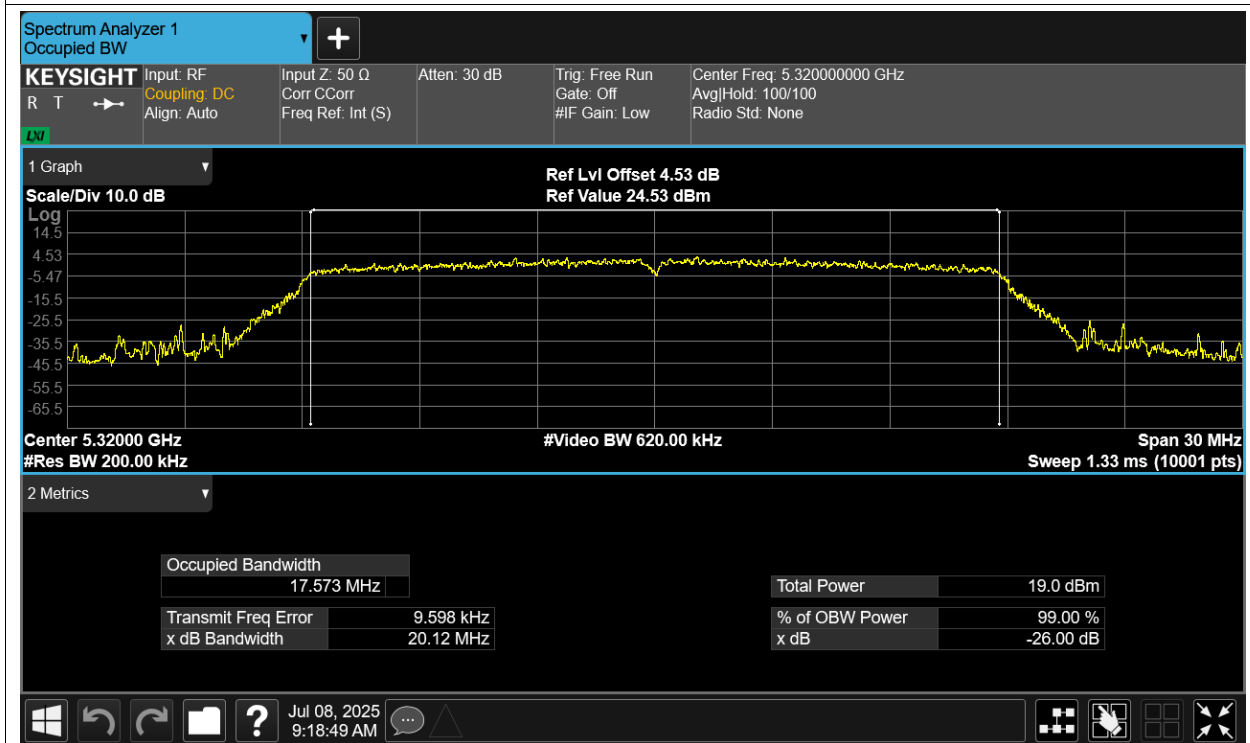
OBW NVNT ac20 5260MHz Ant1



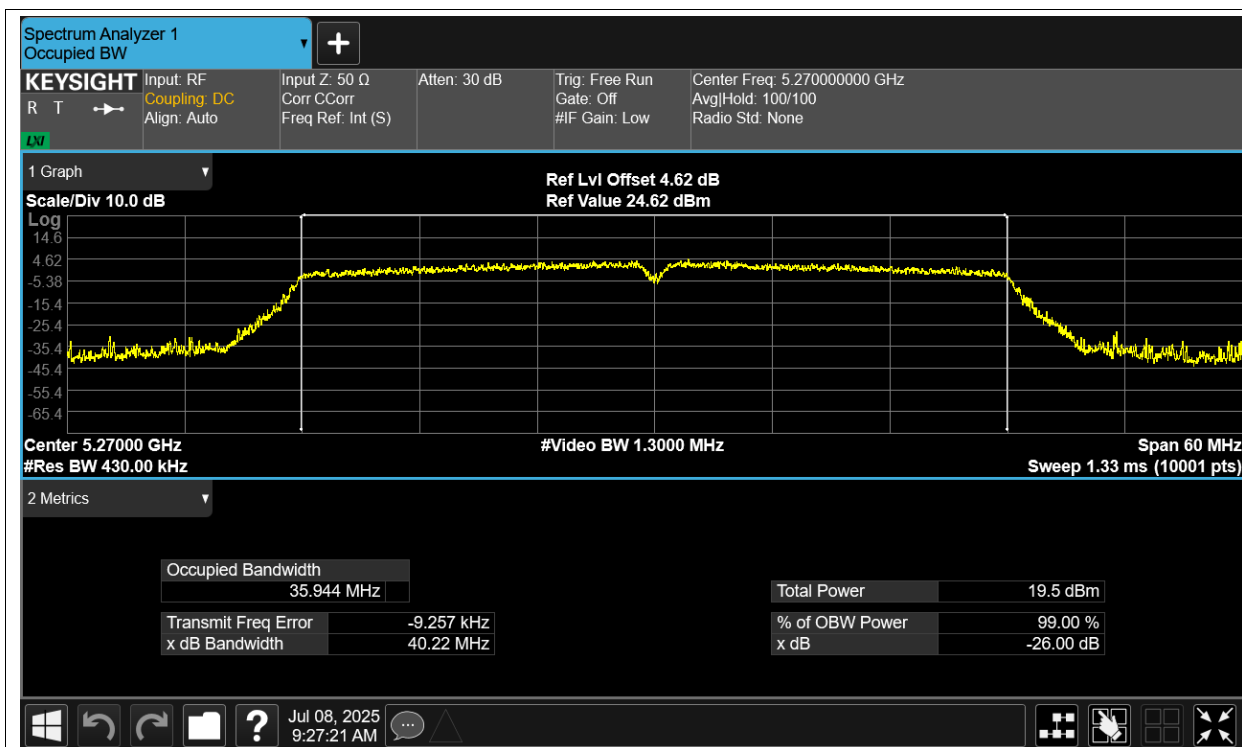
OBW NVNT ac20 5280MHz Ant1



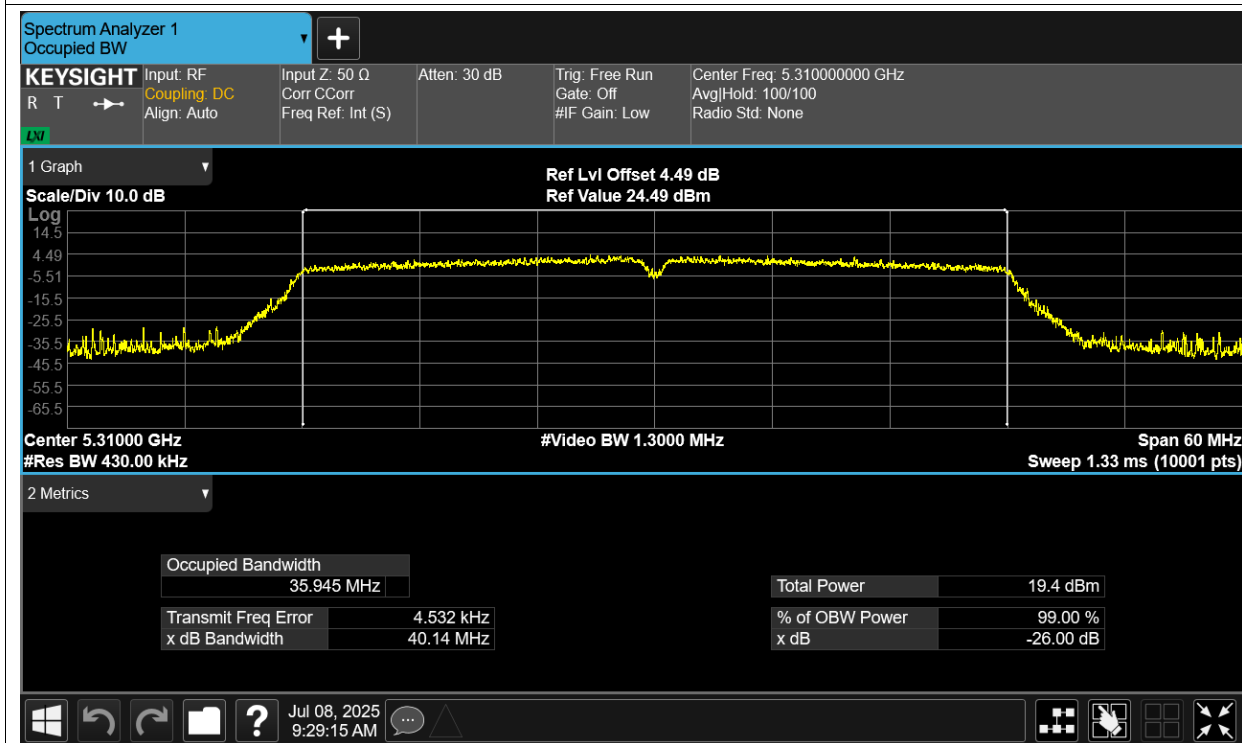
OBW NVNT ac20 5320MHz Ant1



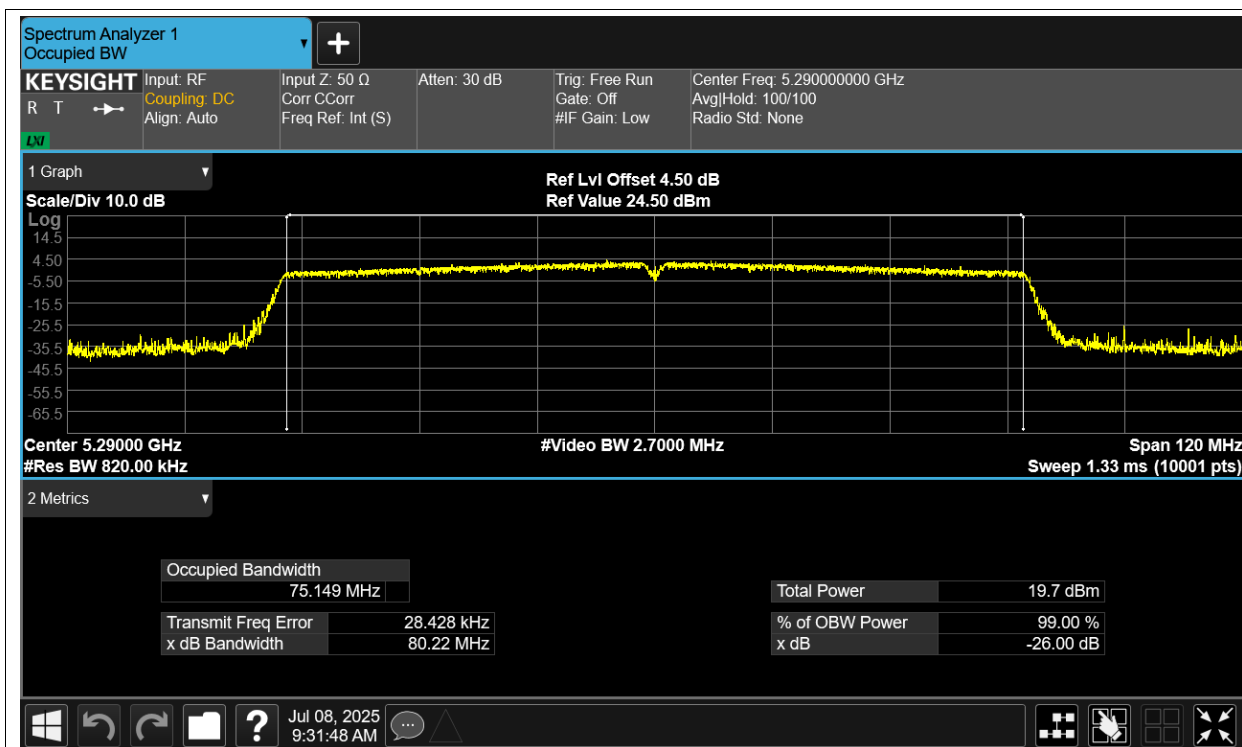
OBW NVNT ac40 5270MHz Ant1



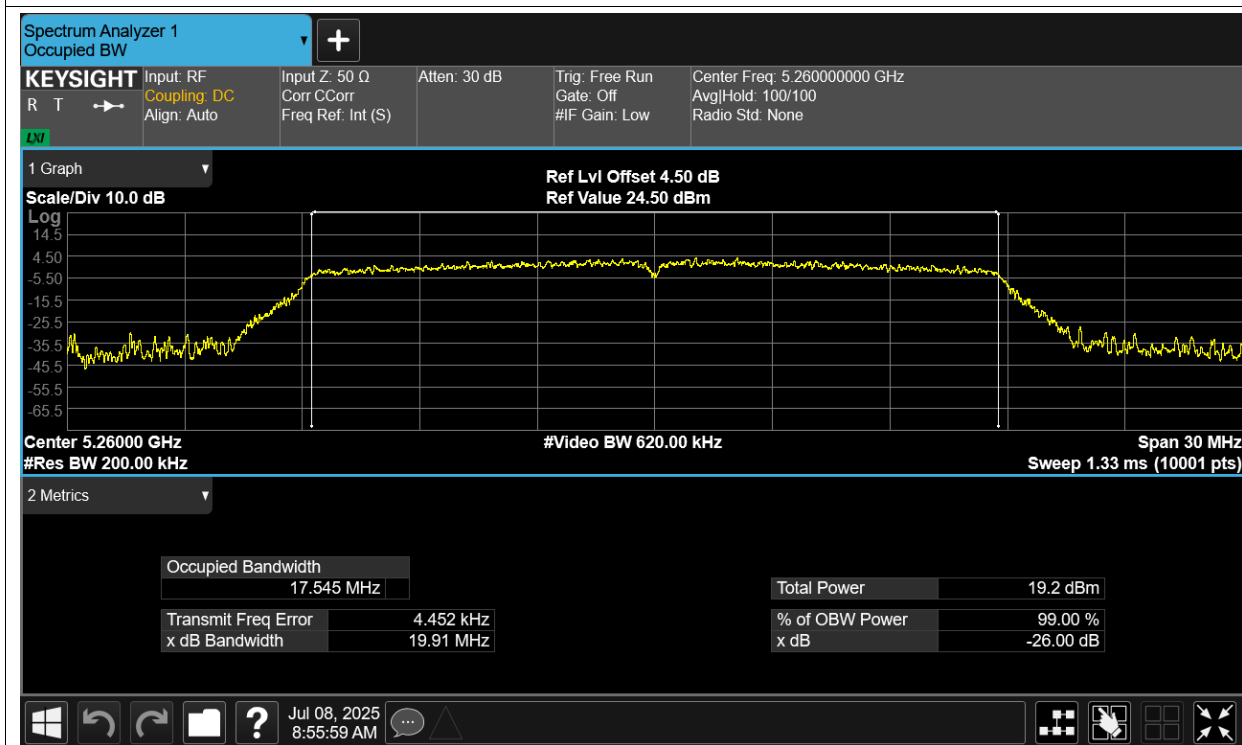
OBW NVNT ac40 5310MHz Ant1



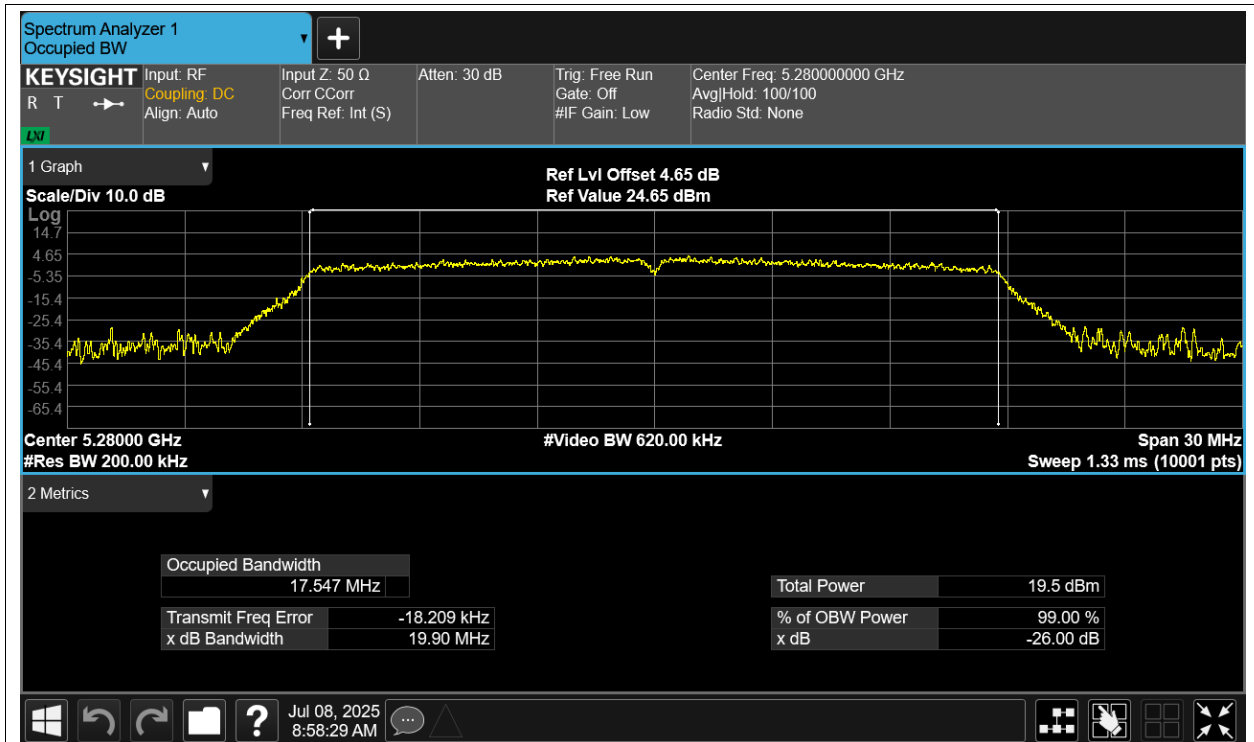
OBW NVNT ac80 5290MHz Ant1



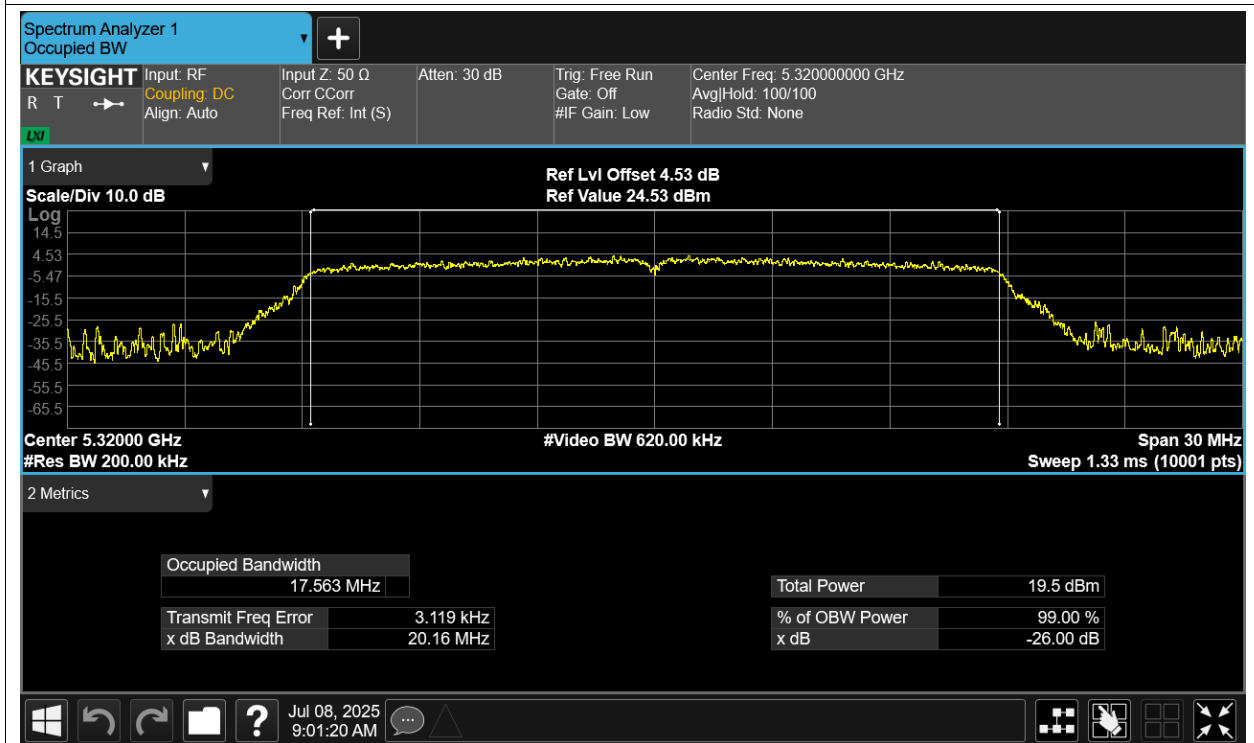
OBW NVNT n20 5260MHz Ant1



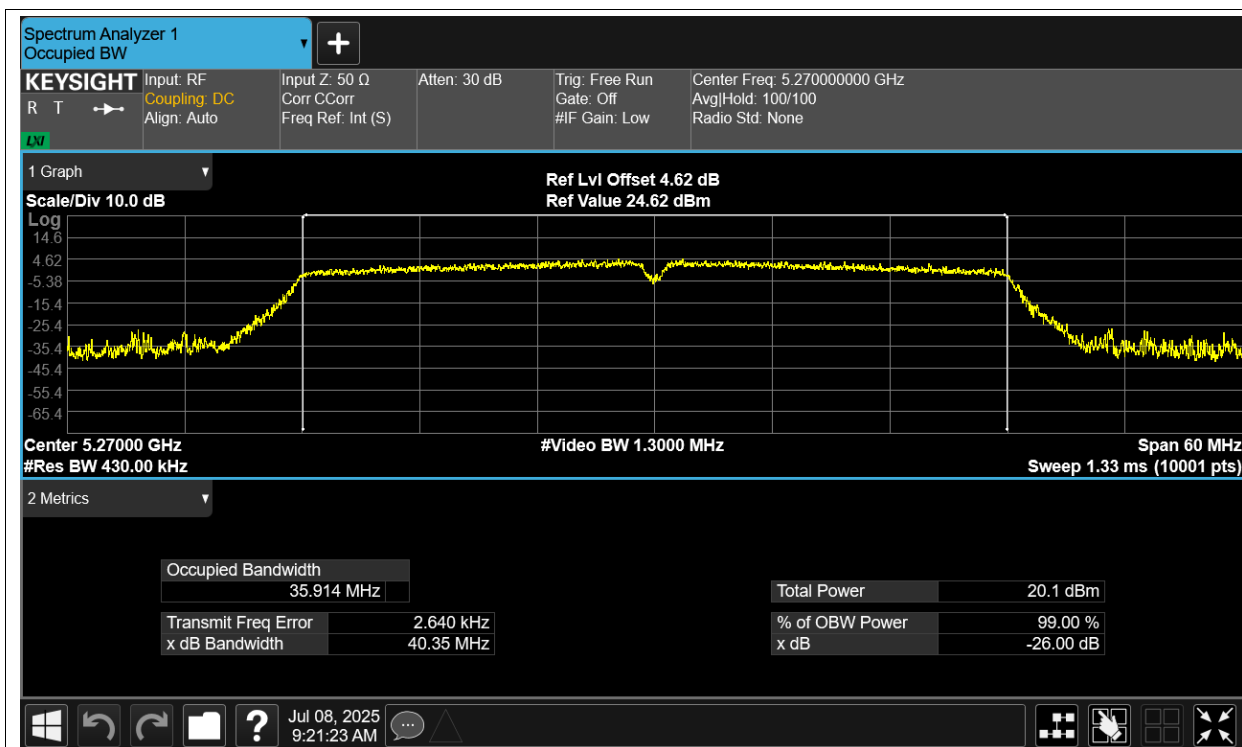
OBW NVNT n20 5280MHz Ant1



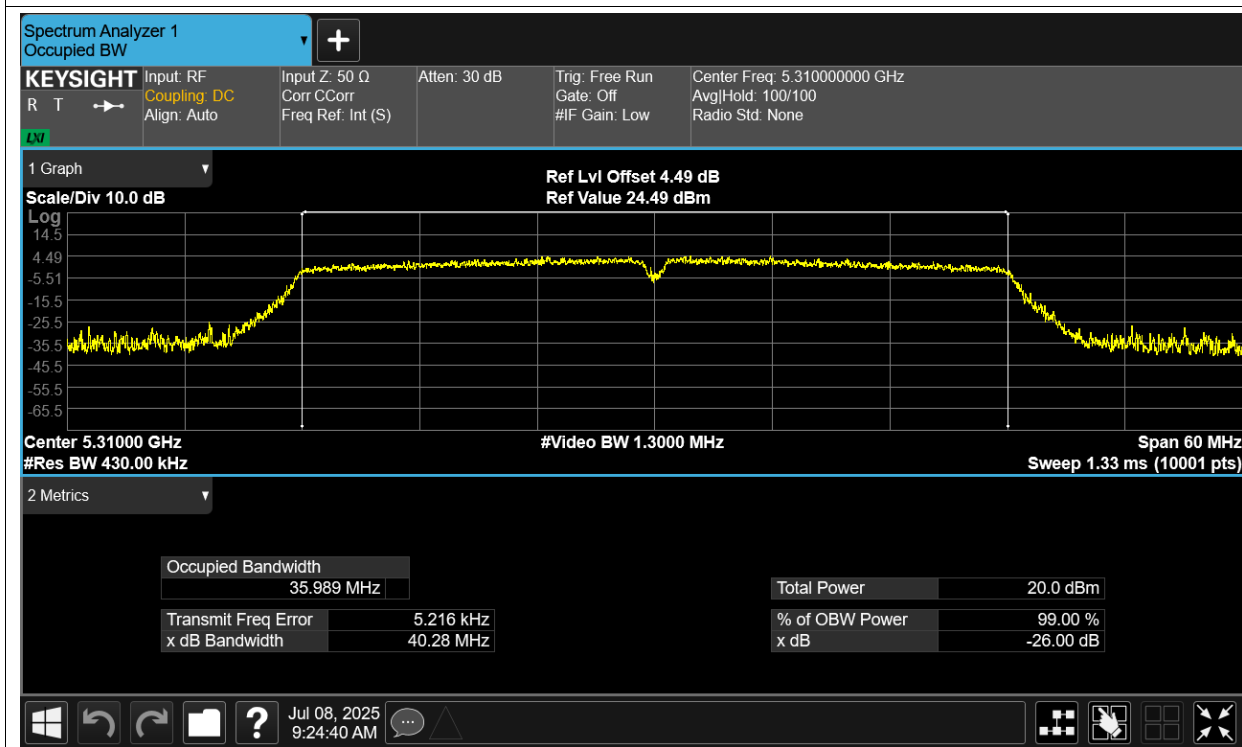
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1

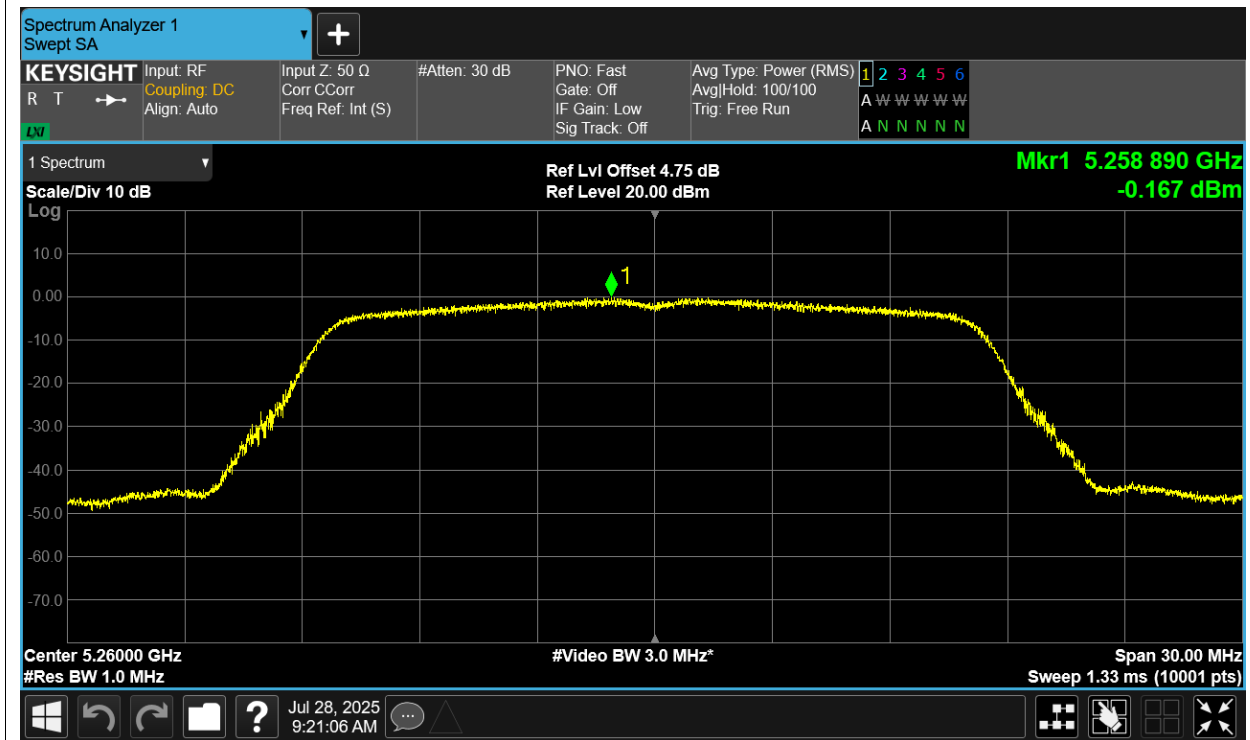


Maximum Power Spectral Density Level

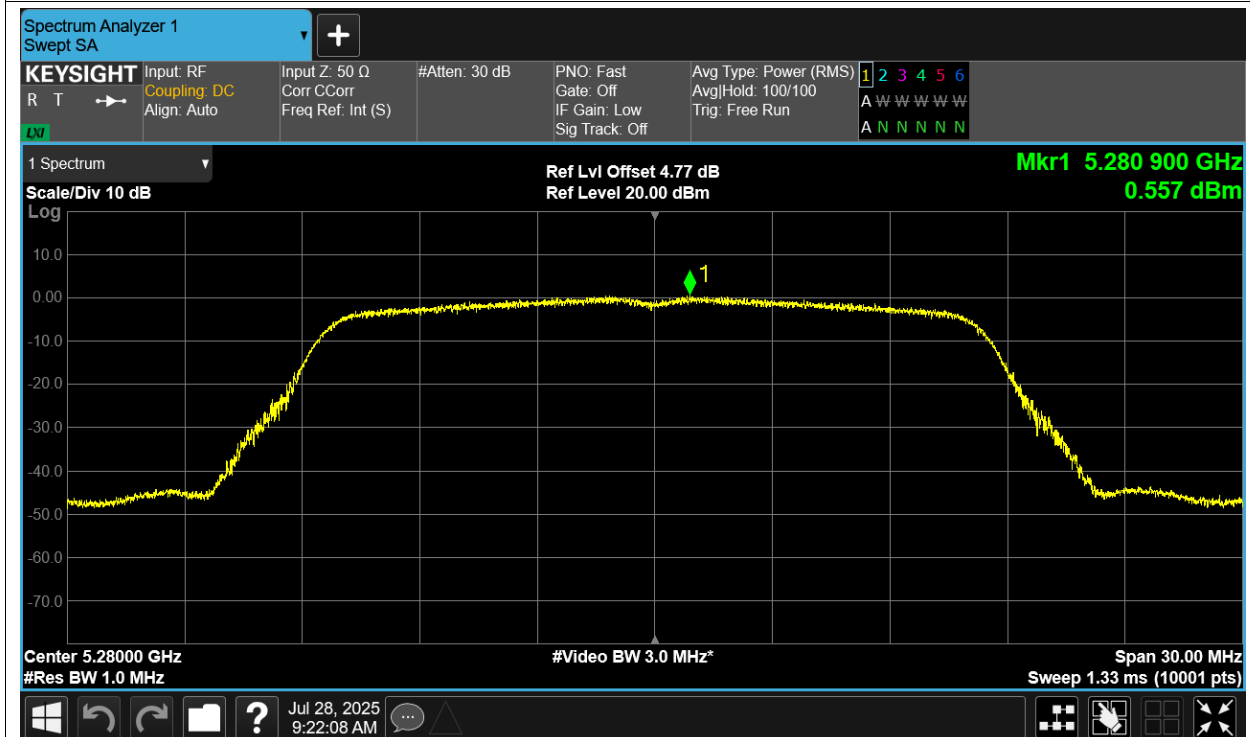
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	-0.167	0	-0.167	11	Pass
NVNT	a	5280	Ant1	0.557	0	0.557	11	Pass
NVNT	a	5320	Ant1	0.156	0	0.156	11	Pass
NVNT	ac20	5260	Ant1	0.233	0	0.233	11	Pass
NVNT	ac20	5280	Ant1	0.291	0	0.291	11	Pass
NVNT	ac20	5320	Ant1	-0.043	0	-0.043	11	Pass
NVNT	ac40	5270	Ant1	-2.11	0	-2.11	11	Pass
NVNT	ac40	5310	Ant1	-2.459	0	-2.459	11	Pass
NVNT	ac80	5290	Ant1	-5.9	0	-5.9	11	Pass
NVNT	n20	5260	Ant1	0.232	0	0.232	11	Pass
NVNT	n20	5280	Ant1	0.507	0	0.507	11	Pass
NVNT	n20	5320	Ant1	-0.165	0	-0.165	11	Pass
NVNT	n40	5270	Ant1	-2.387	0	-2.387	11	Pass
NVNT	n40	5310	Ant1	-2.637	0	-2.637	11	Pass

Test Graphs

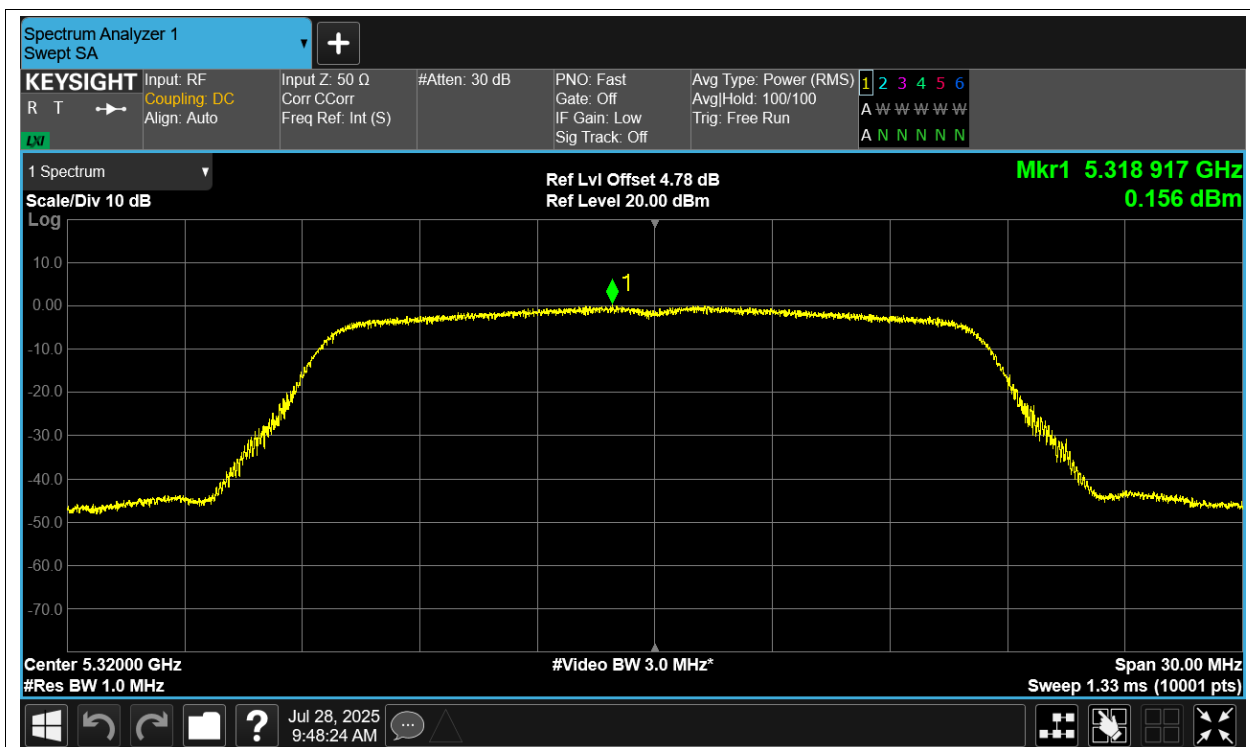
PSD NVNT a 5260MHz Ant1



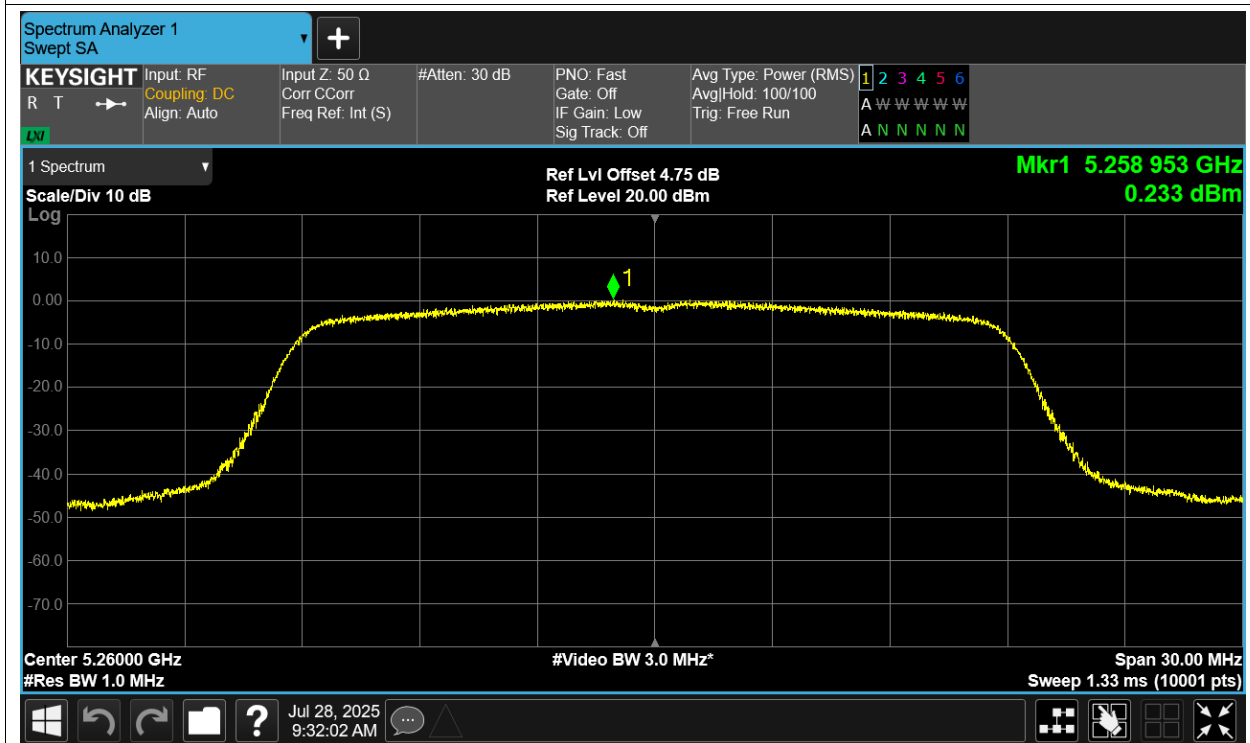
PSD NVNT a 5280MHz Ant1



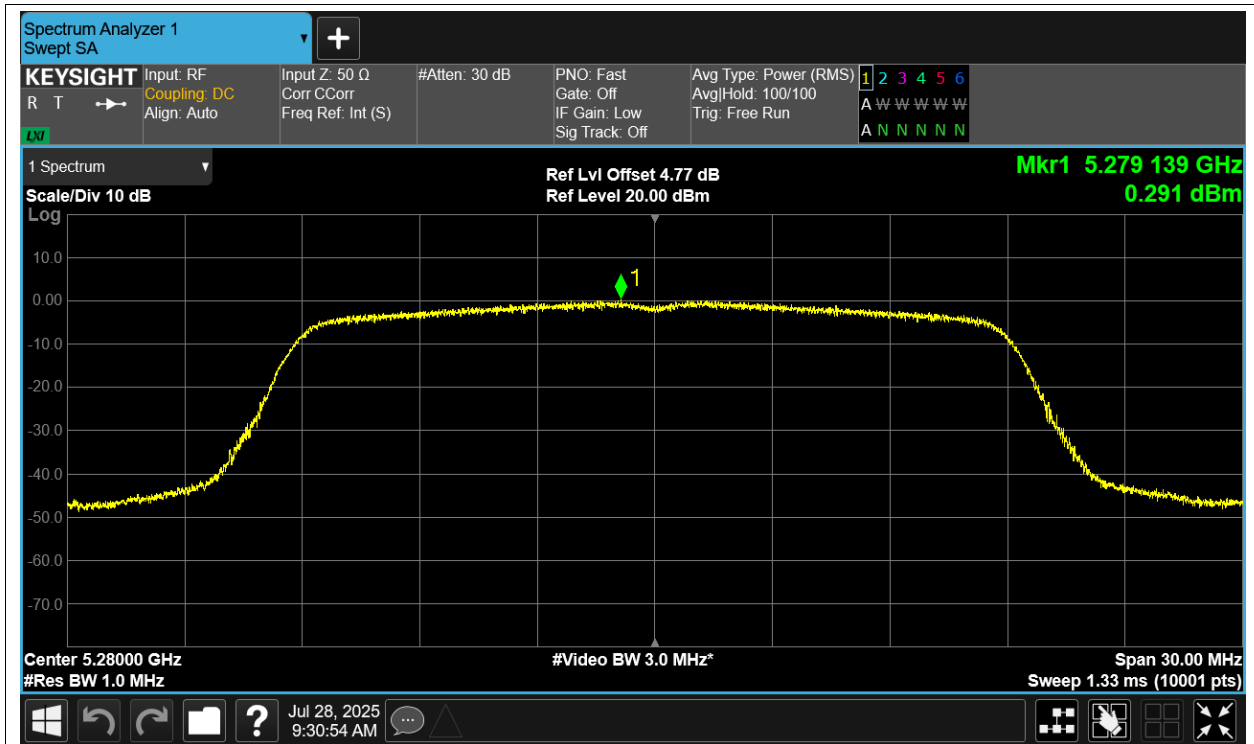
PSD NVNT a 5320MHz Ant1



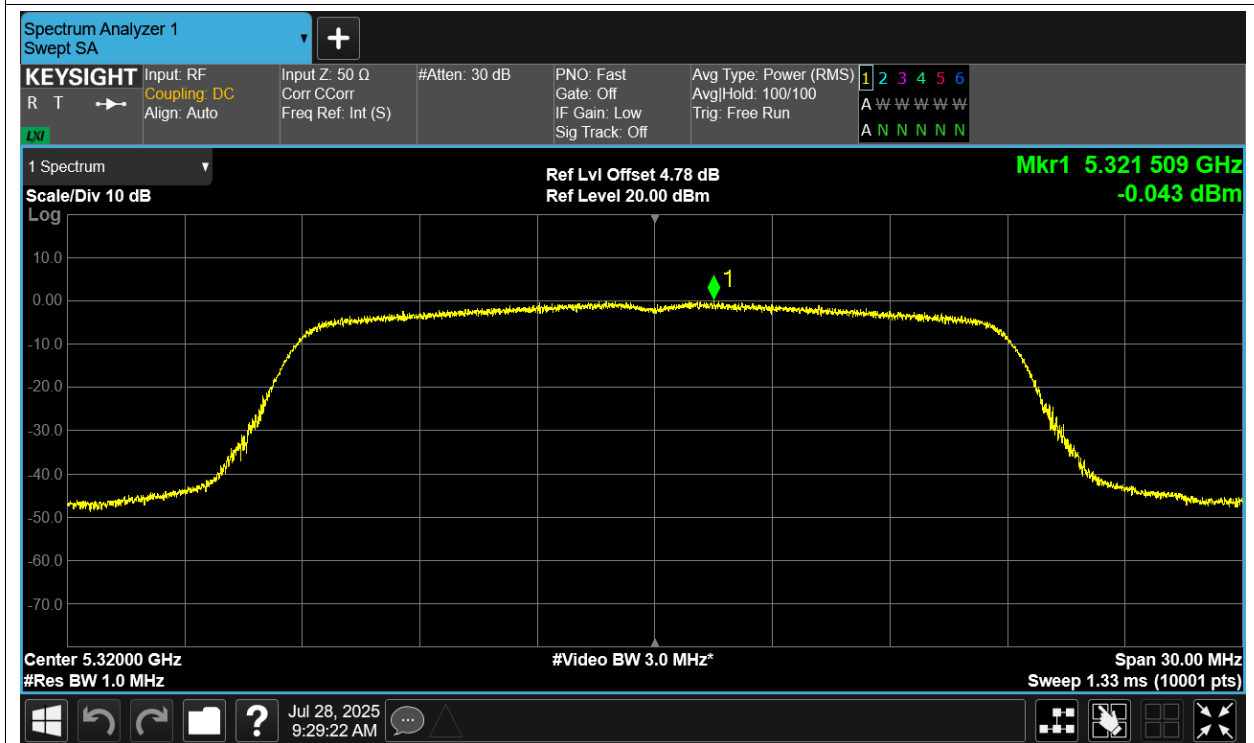
PSD NVNT ac20 5260MHz Ant1



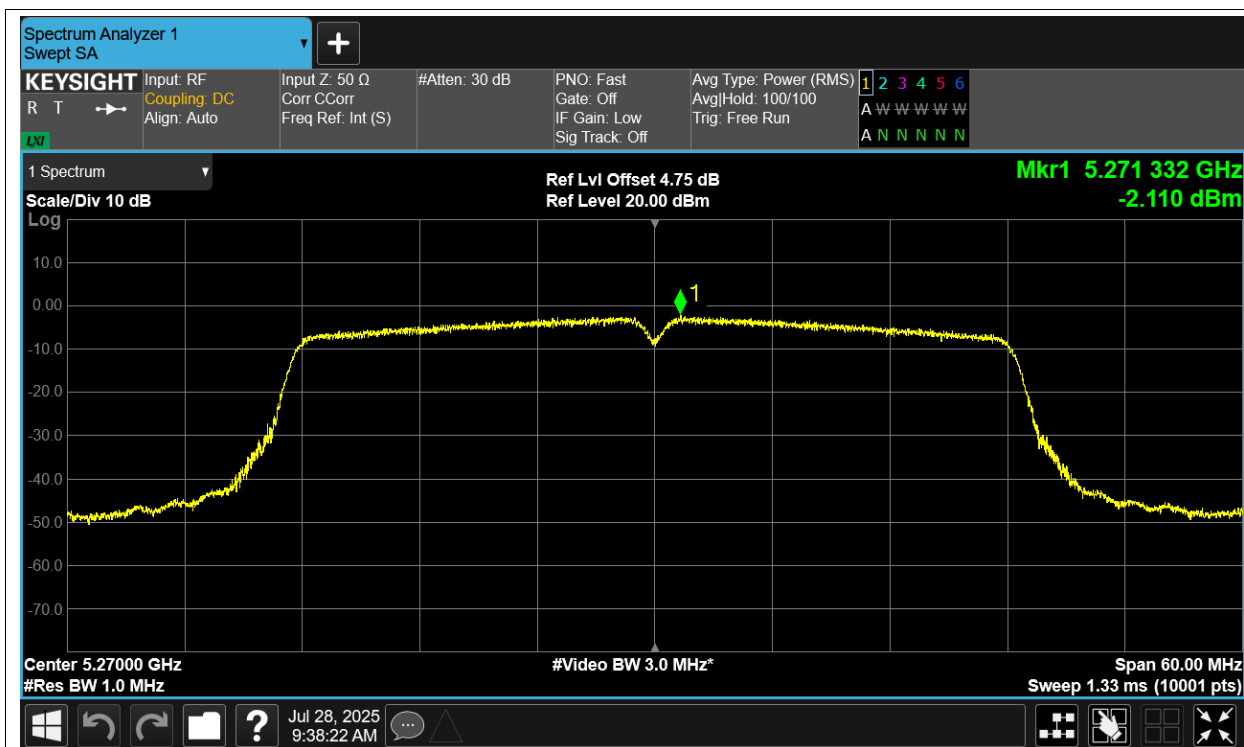
PSD NVNT ac20 5280MHz Ant1



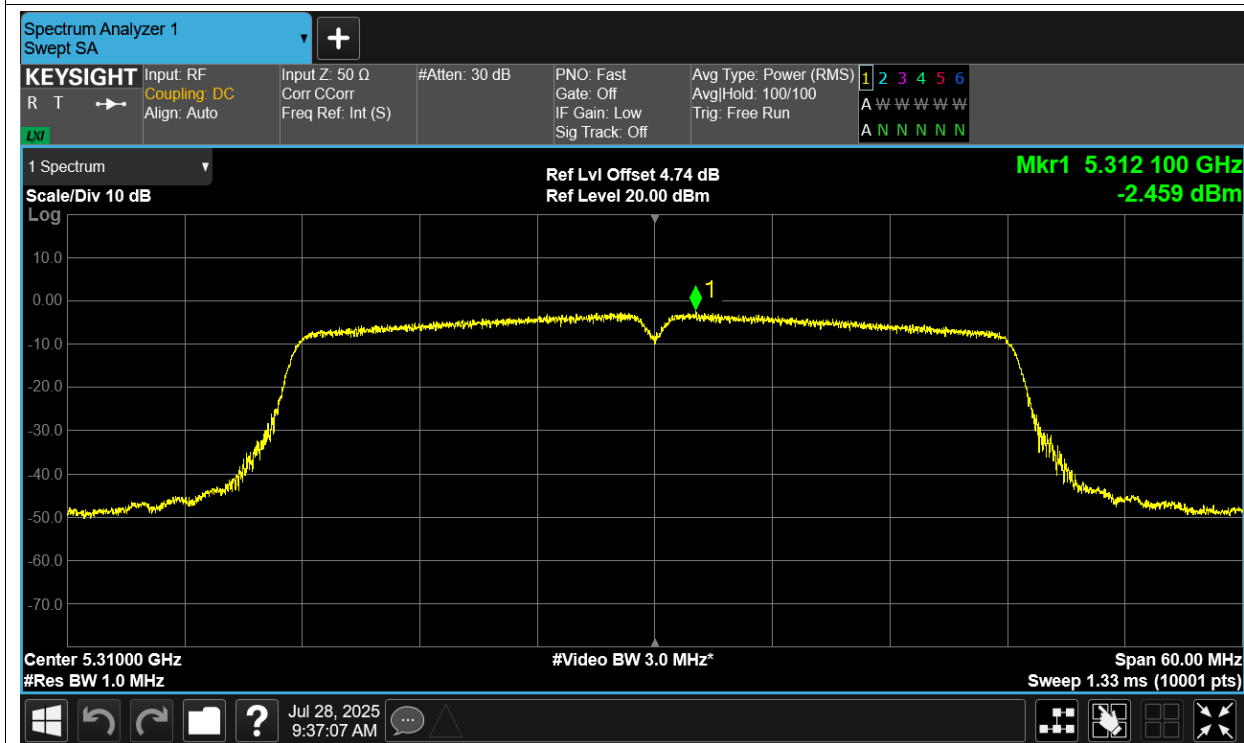
PSD NVNT ac20 5320MHz Ant1



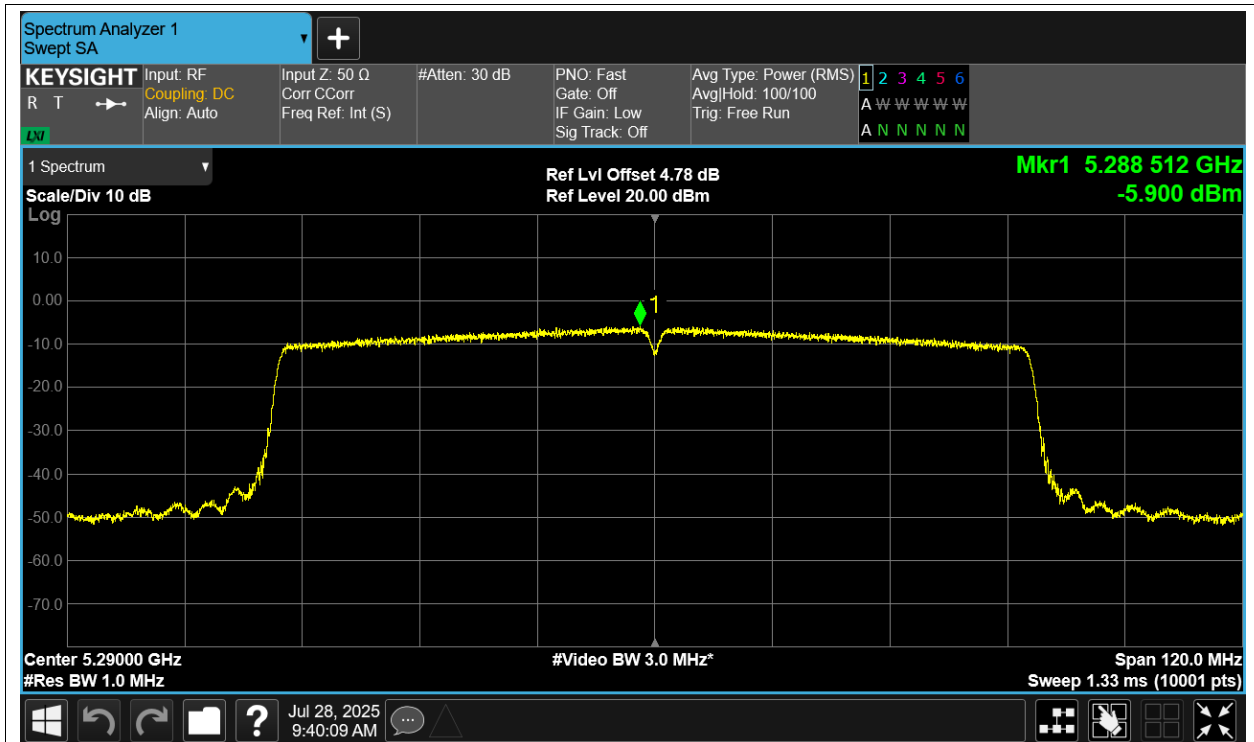
PSD NVNT ac40 5270MHz Ant1



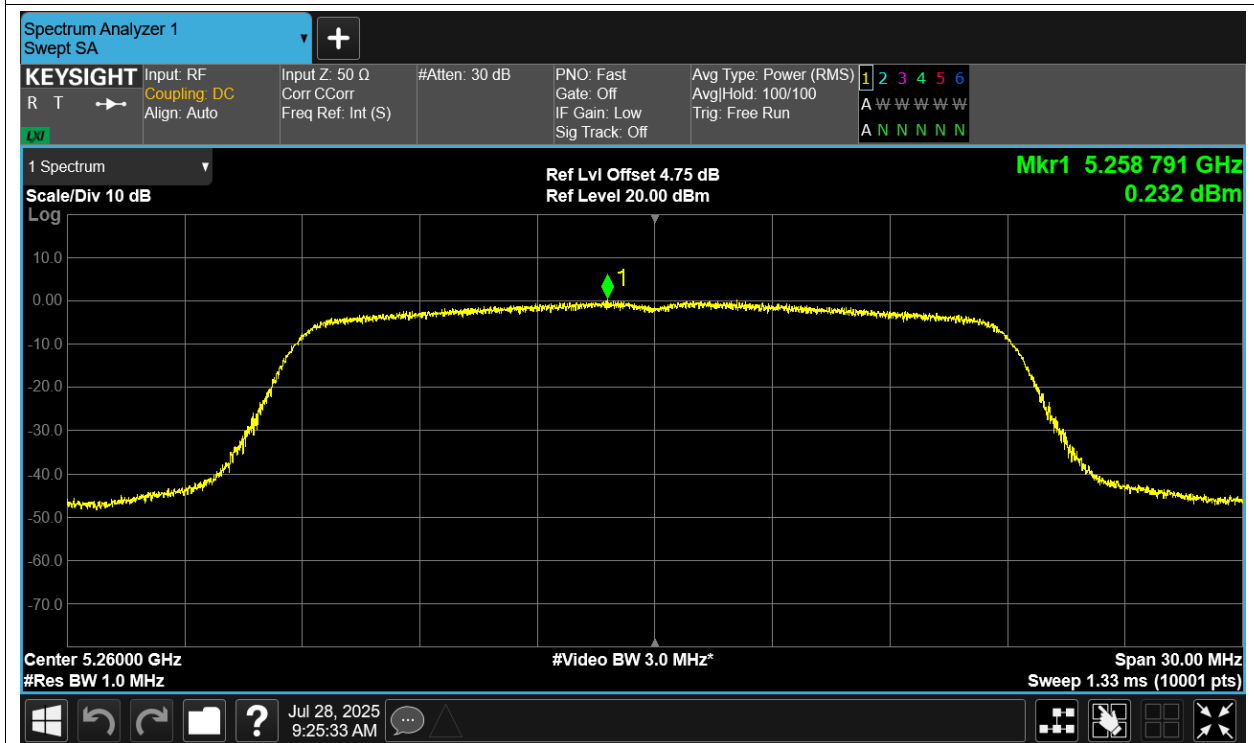
PSD NVNT ac40 5310MHz Ant1



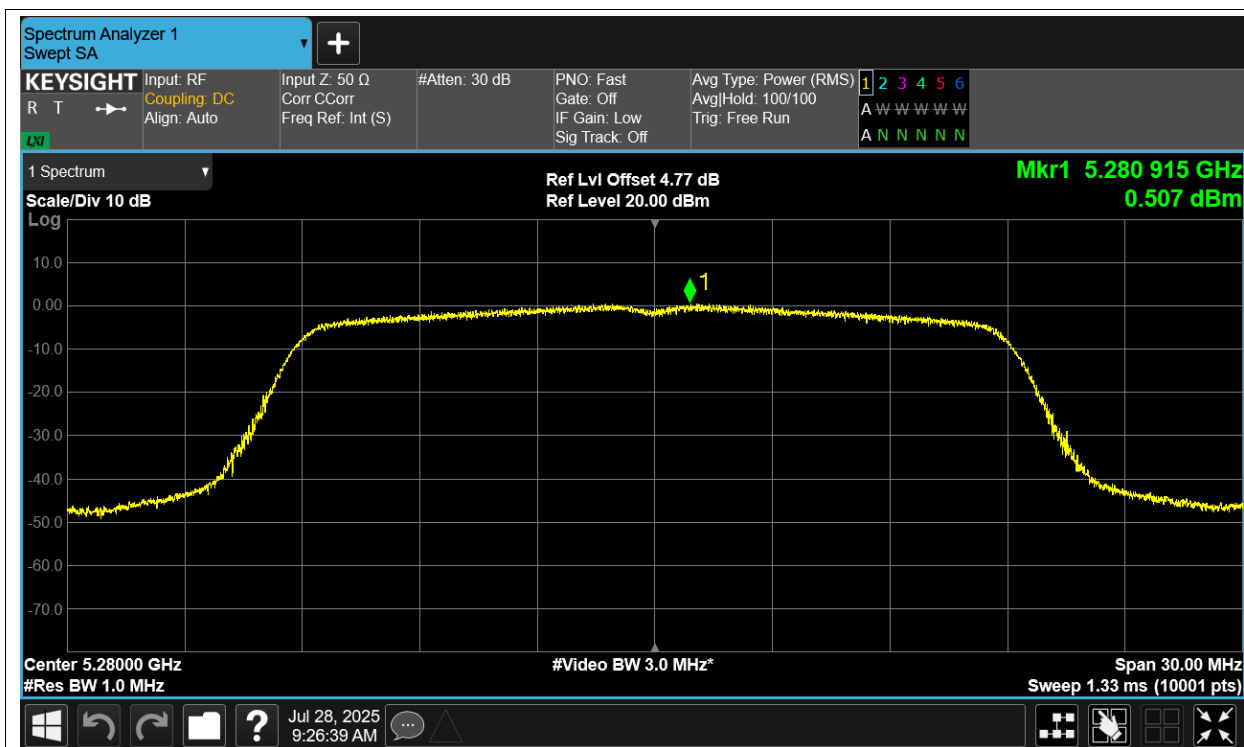
PSD NVNT ac80 5290MHz Ant1



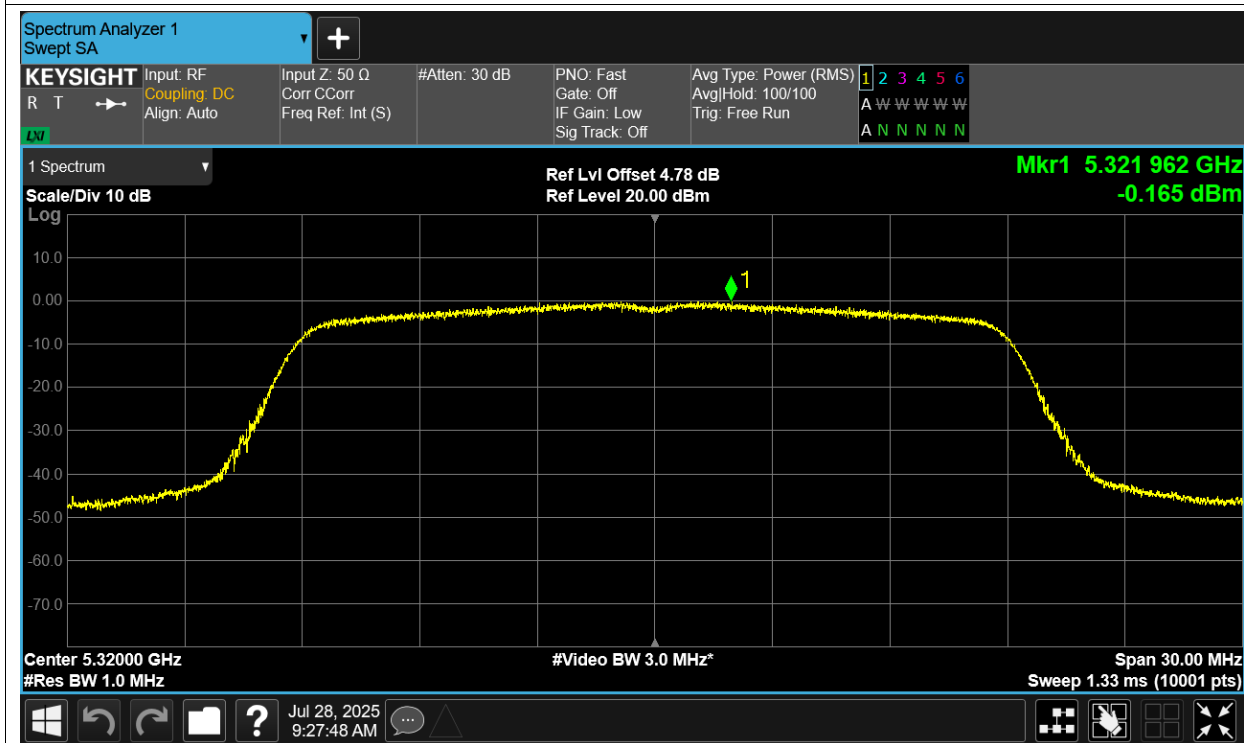
PSD NVNT n20 5260MHz Ant1



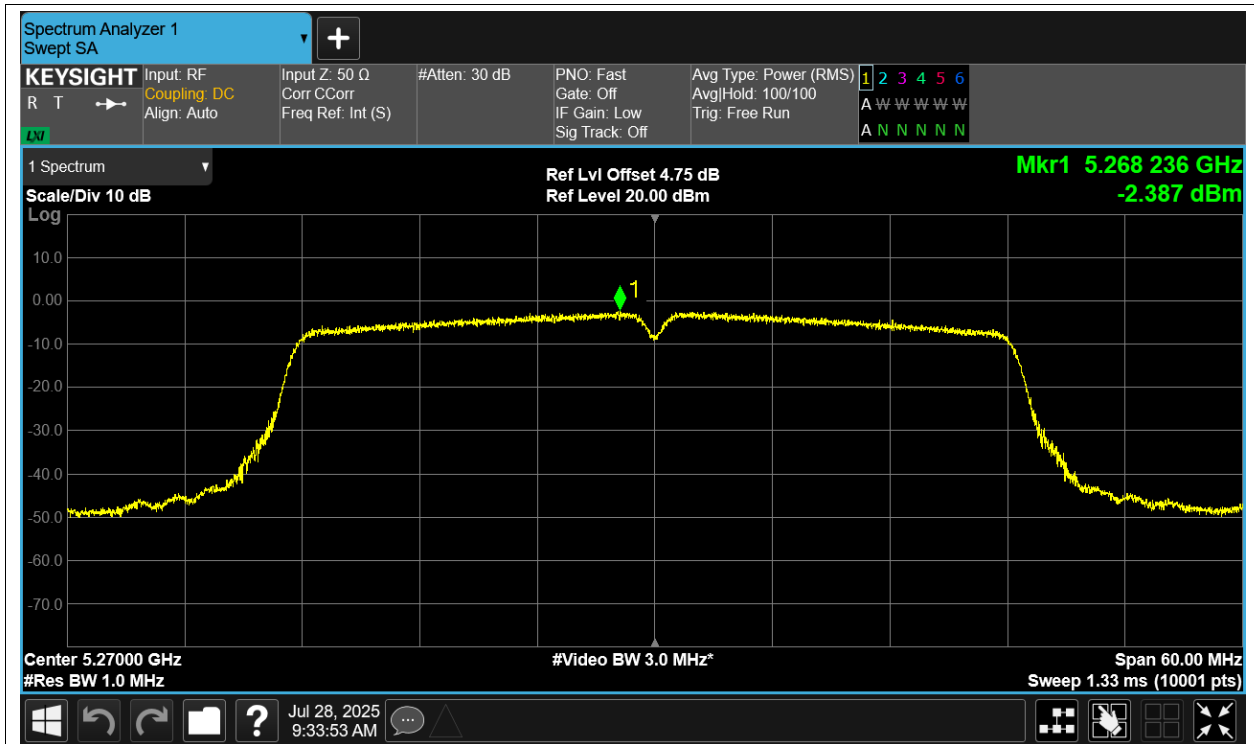
PSD NVNT n20 5280MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

