

Test Data

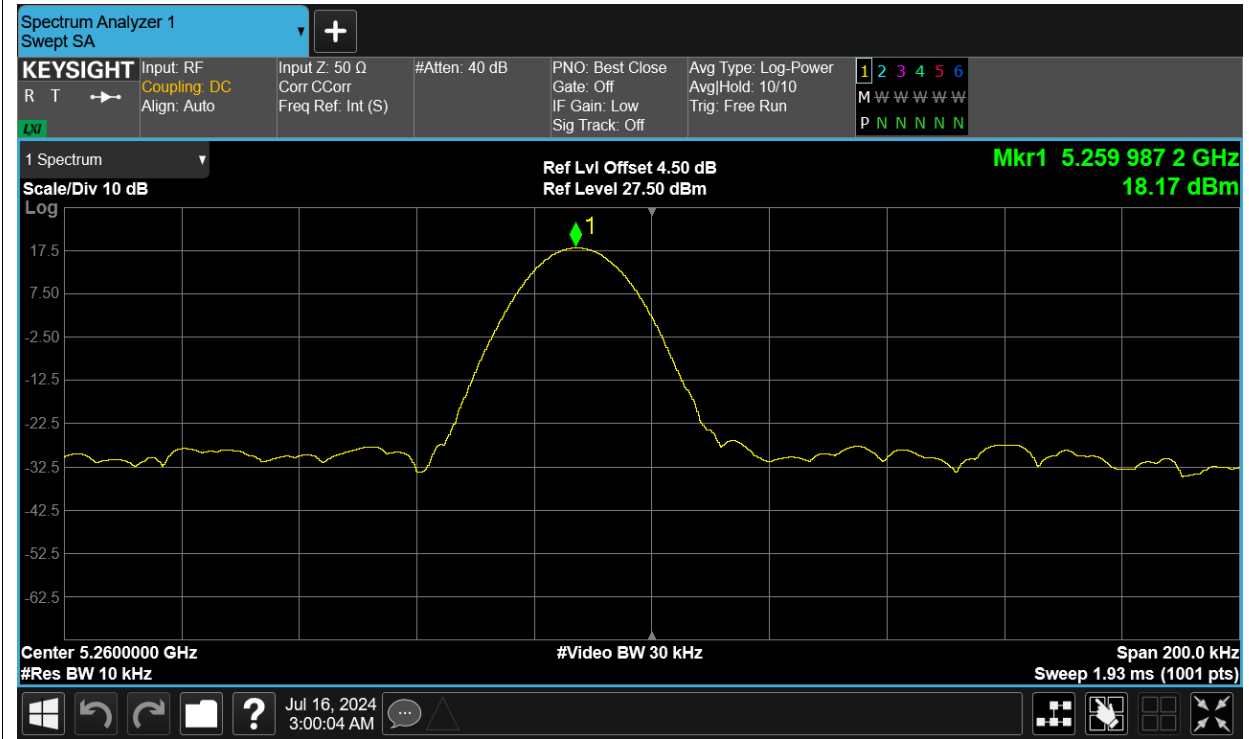
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant14	5259.9872	-2.43	Within authorized band	Pass
LVNT	a	5260	Ant14	5259.9874	-2.4		Pass
NVHT	a	5260	Ant14	5259.9874	-2.4		Pass
NVLT	a	5260	Ant14	5259.9876	-2.36		Pass
NVNT	a	5260	Ant14	5259.9876	-2.36		Pass
HVNT	ac80	5290	Ant14	5289.9868	-2.5		Pass
LVNT	ac80	5290	Ant14	5289.9872	-2.42		Pass
NVHT	ac80	5290	Ant14	5289.9874	-2.38		Pass
NVLT	ac80	5290	Ant14	5289.9874	-2.38		Pass
NVNT	ac80	5290	Ant14	5289.9876	-2.34		Pass
HVNT	n40	5270	Ant14	5269.9876	-2.35		Pass
LVNT	n40	5270	Ant14	5269.9874	-2.39		Pass
NVHT	n40	5270	Ant14	5269.9874	-2.39		Pass
NVLT	n40	5270	Ant14	5269.9874	-2.39		Pass
NVNT	n40	5270	Ant14	5269.9876	-2.35		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

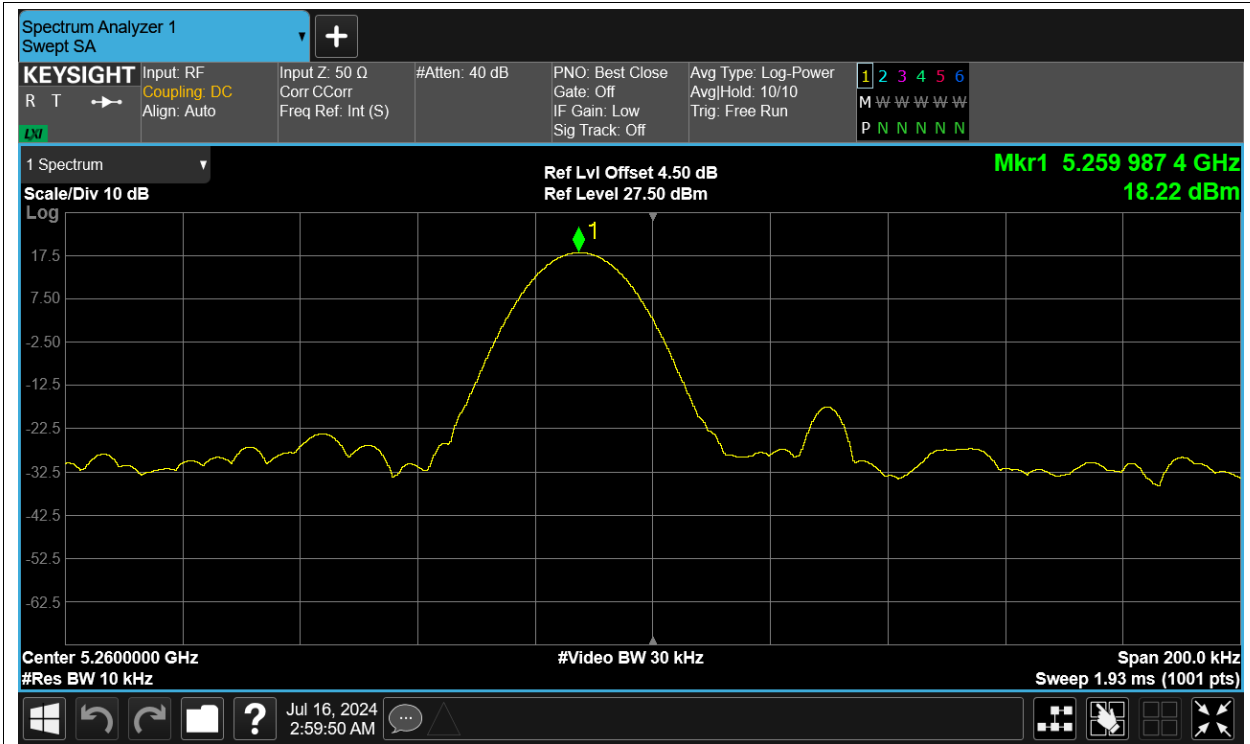
Freq. Stability HVNT a 5260MHz Ant14



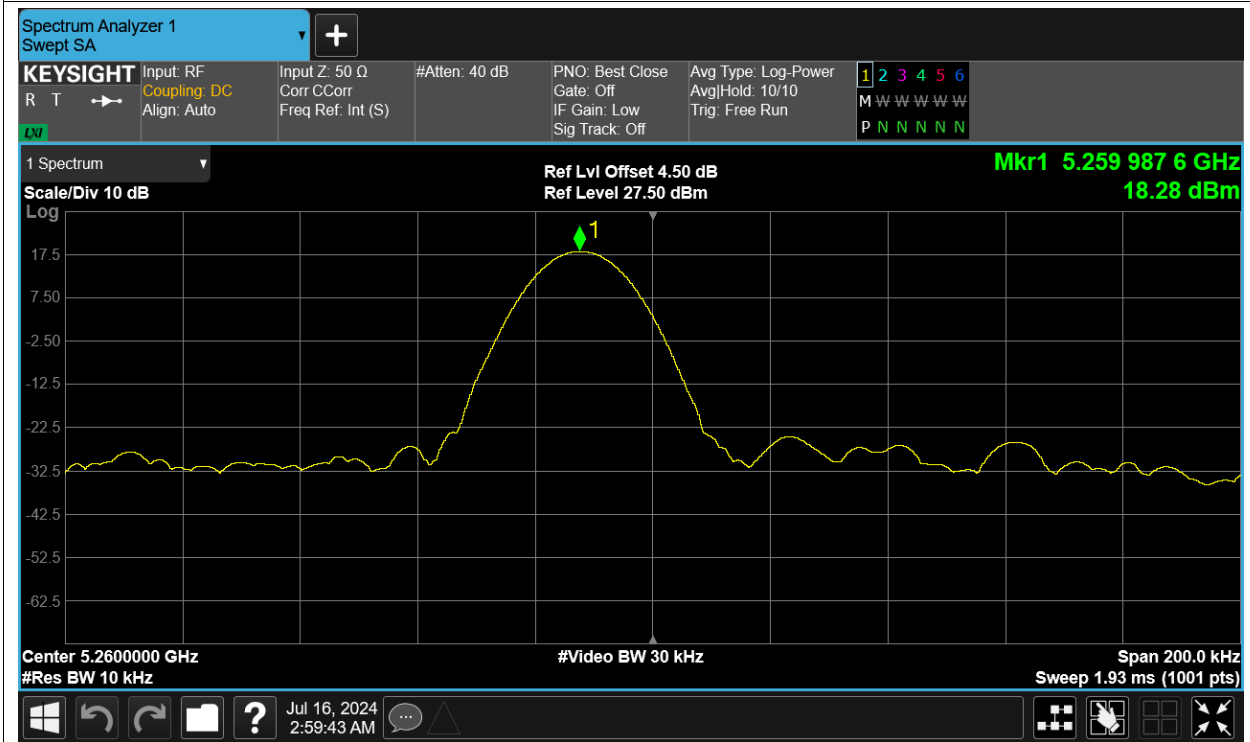
Freq. Stability LVNT a 5260MHz Ant14



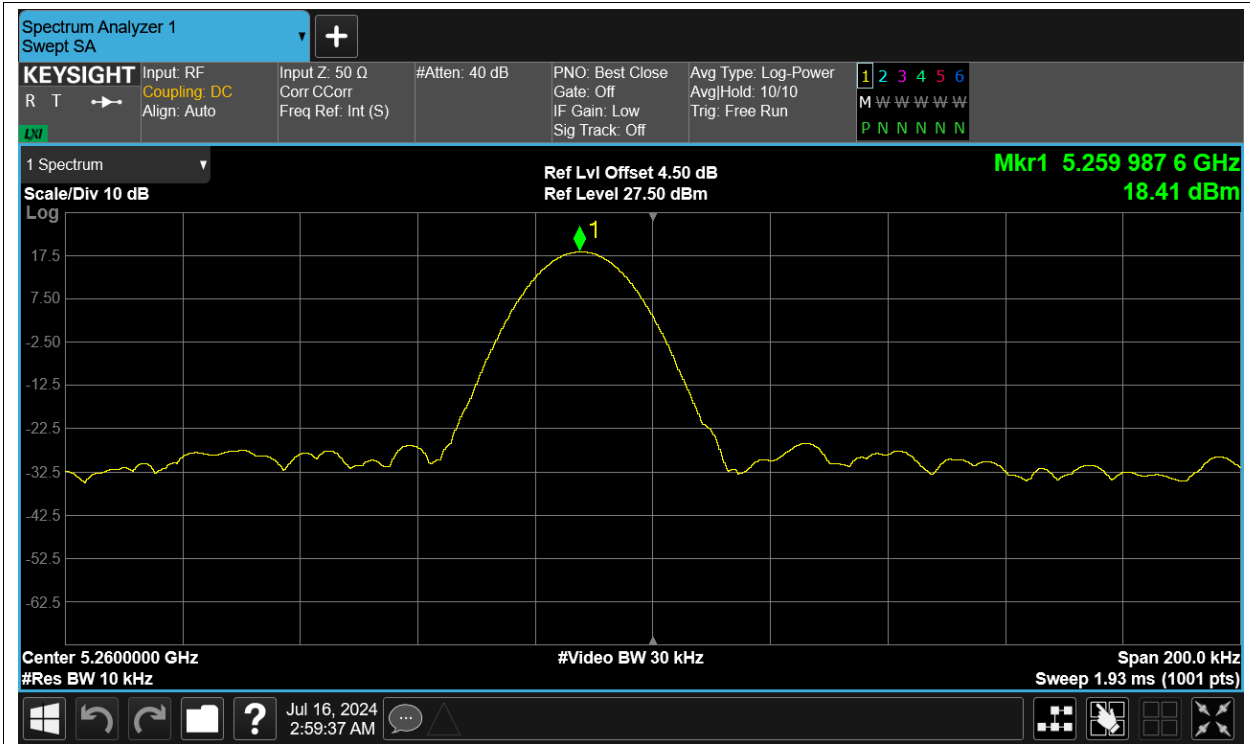
Freq. Stability NVHT a 5260MHz Ant14



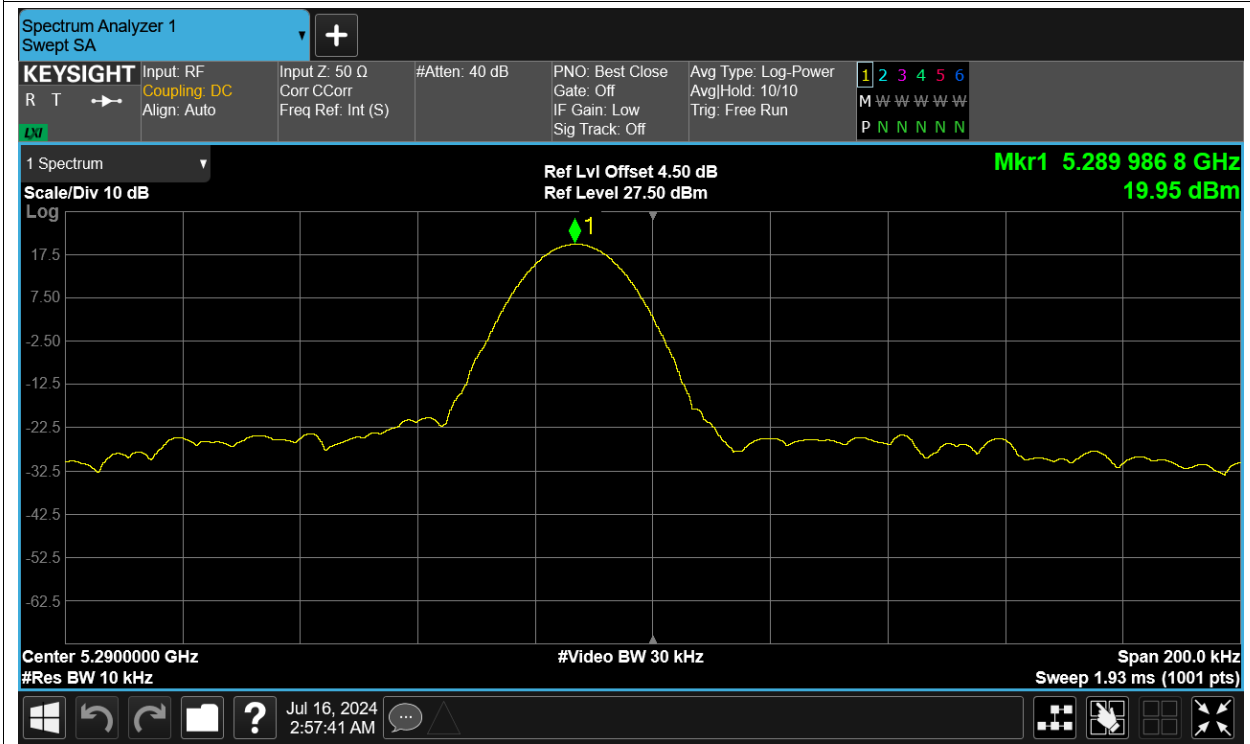
Freq. Stability NVLT a 5260MHz Ant14



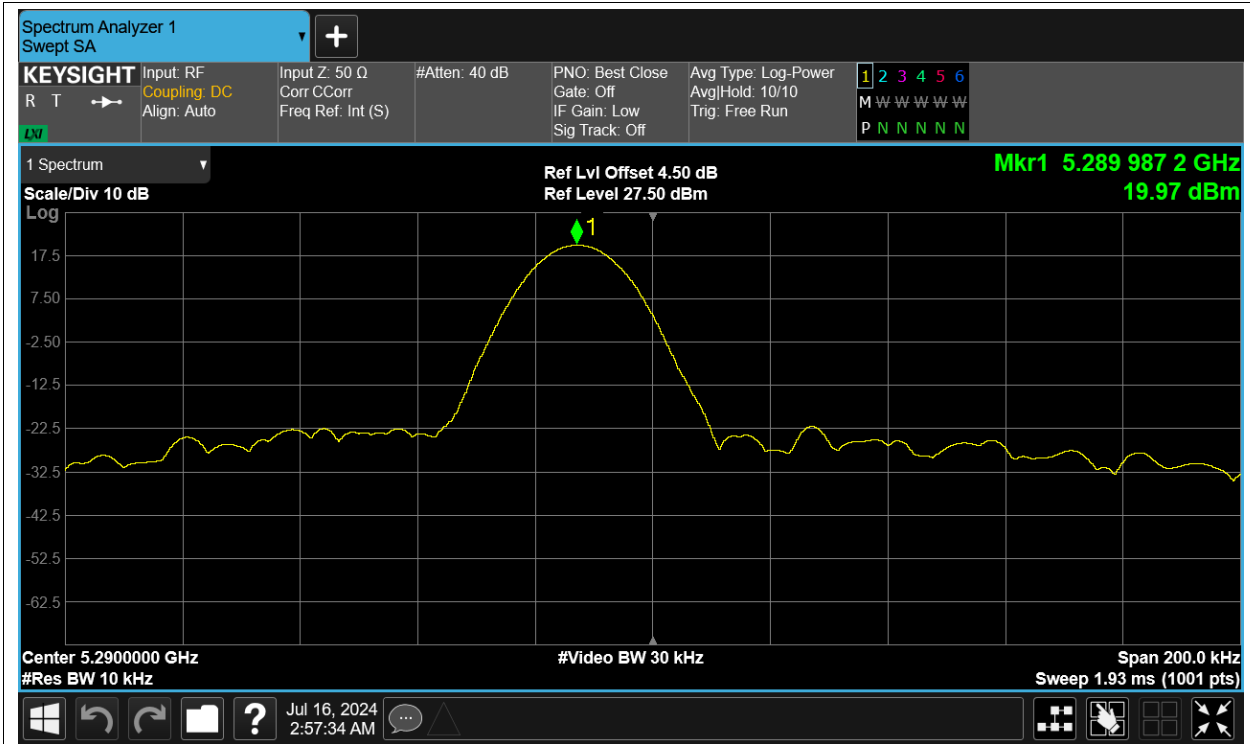
Freq. Stability NVNT a 5260MHz Ant14



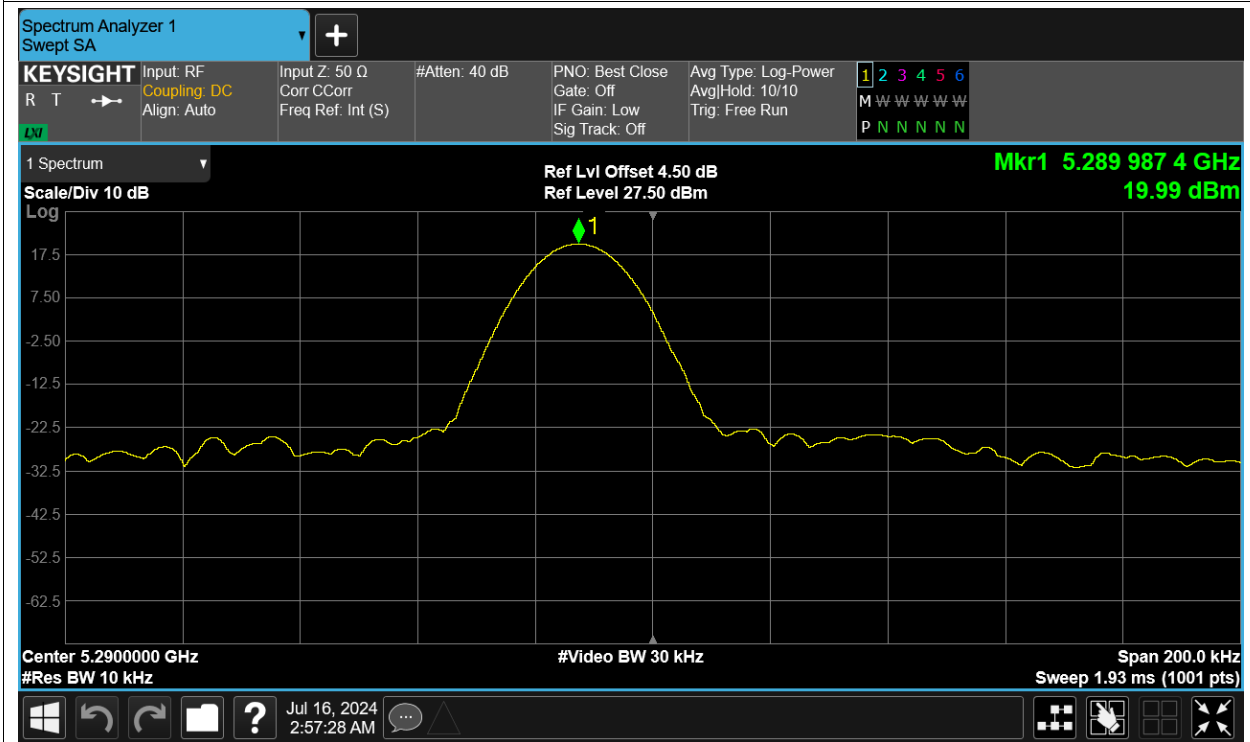
Freq. Stability HVNT ac80 5290MHz Ant14



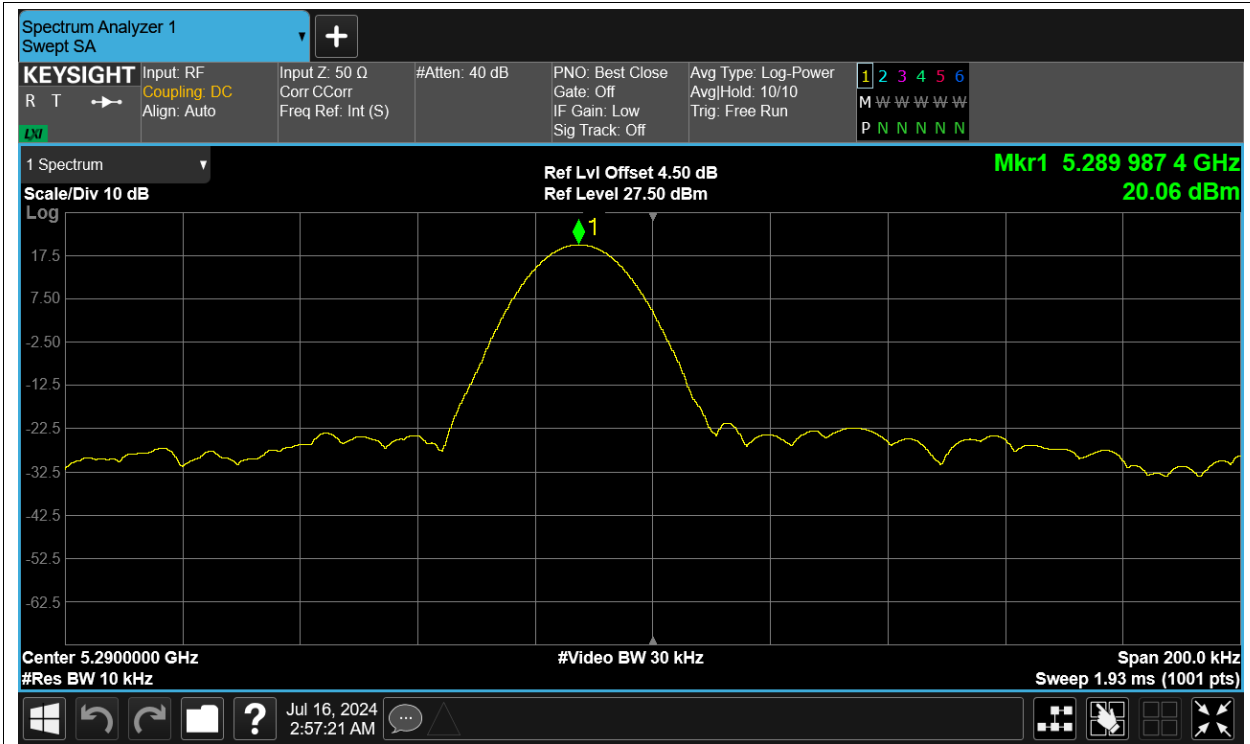
Freq. Stability LVNT ac80 5290MHz Ant14



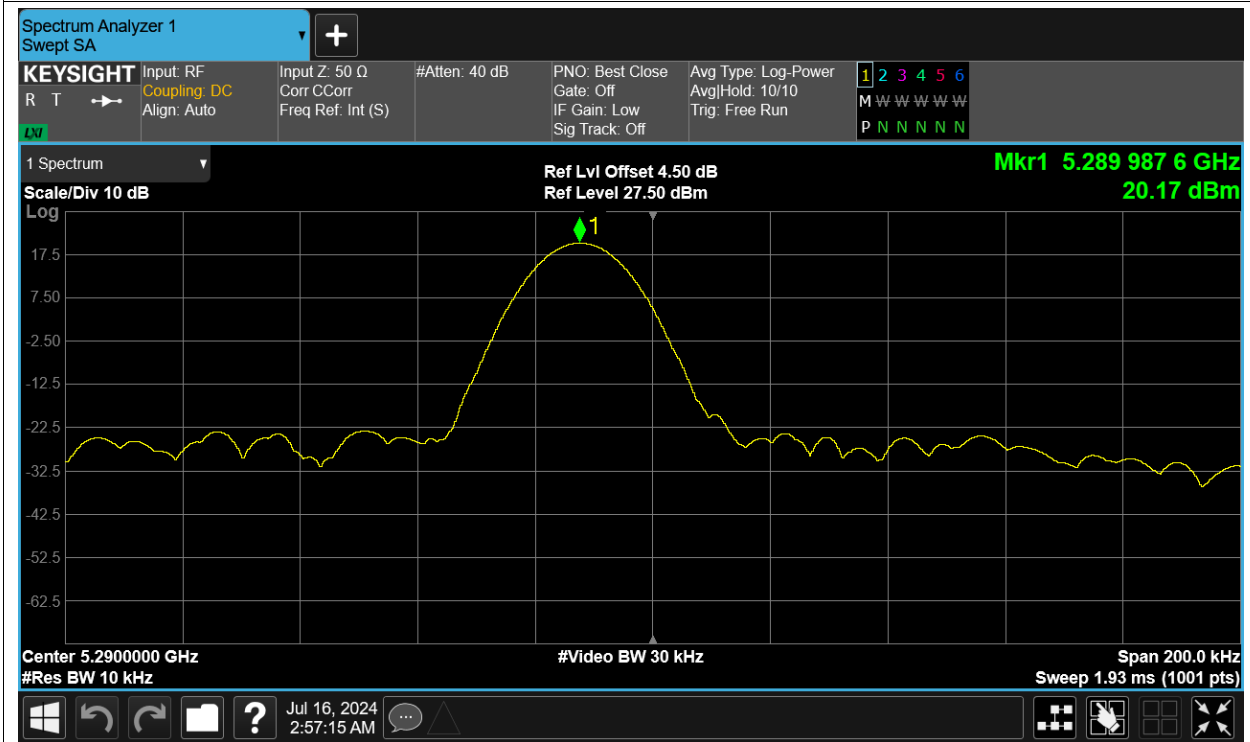
Freq. Stability NVHT ac80 5290MHz Ant14



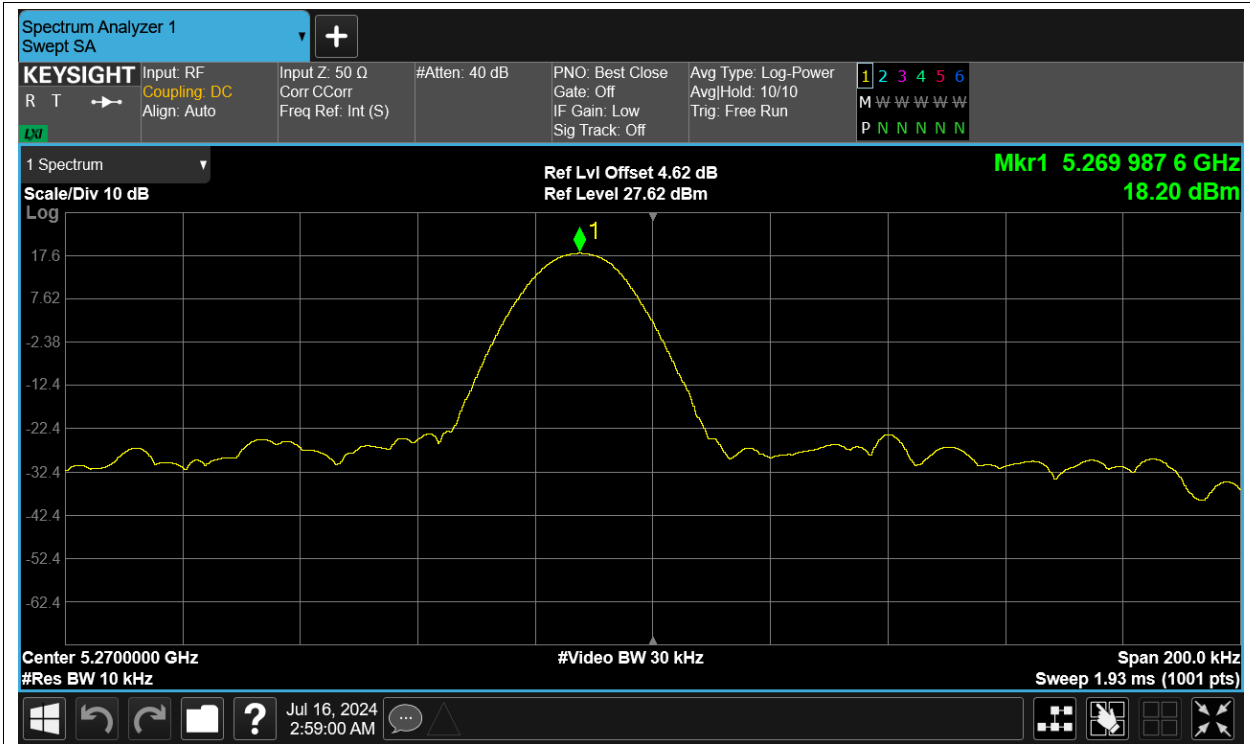
Freq. Stability NVLT ac80 5290MHz Ant14



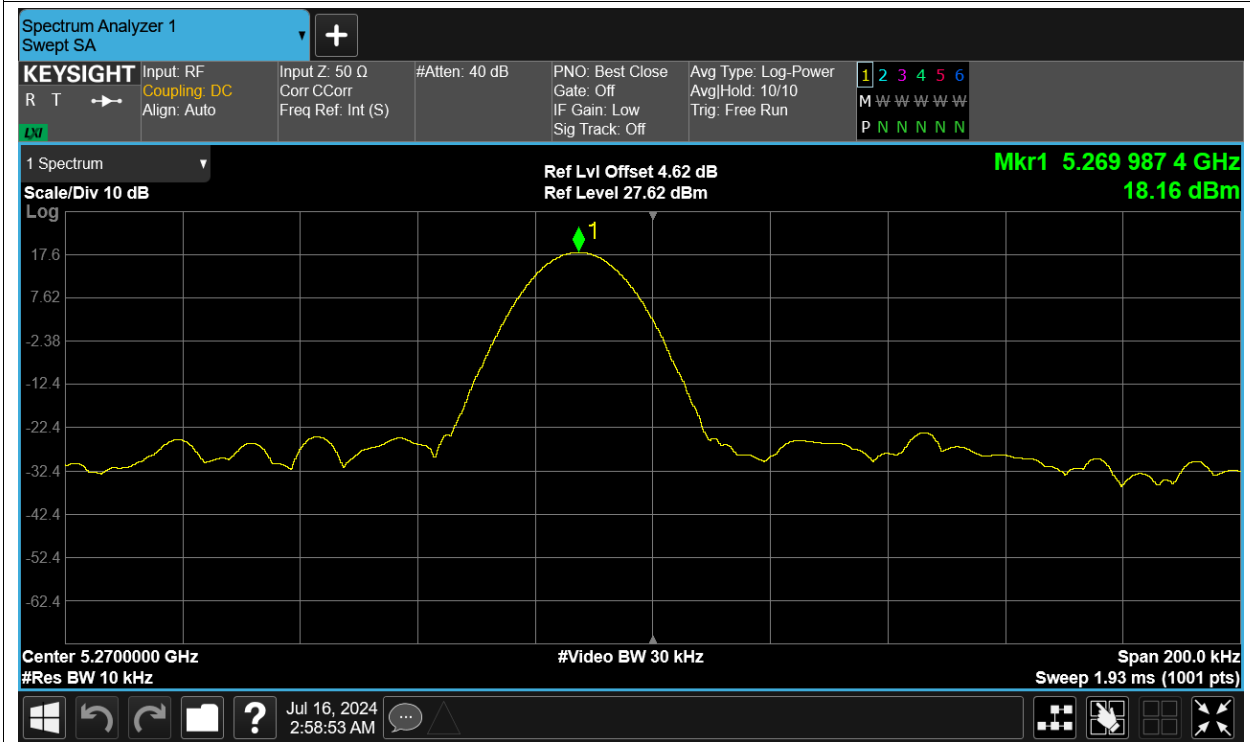
Freq. Stability NVNT ac80 5290MHz Ant14



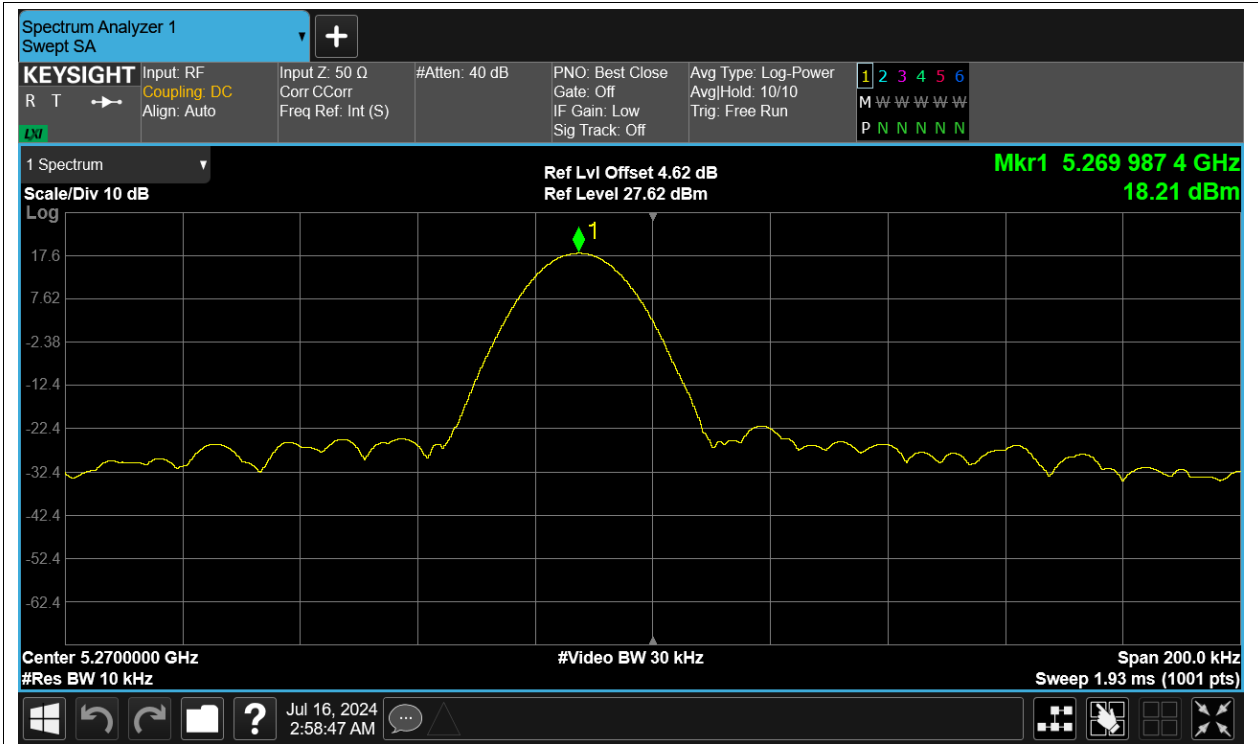
Freq. Stability HVNT n40 5270MHz Ant14



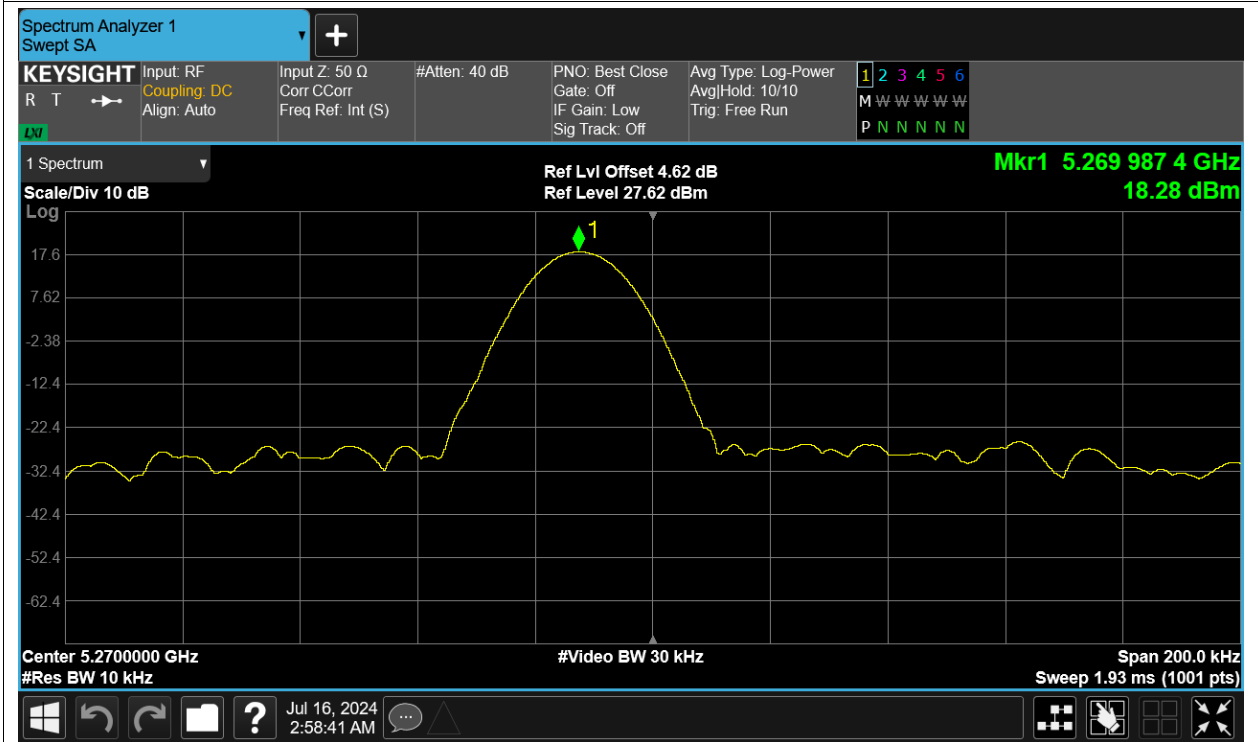
Freq. Stability LVNT n40 5270MHz Ant14



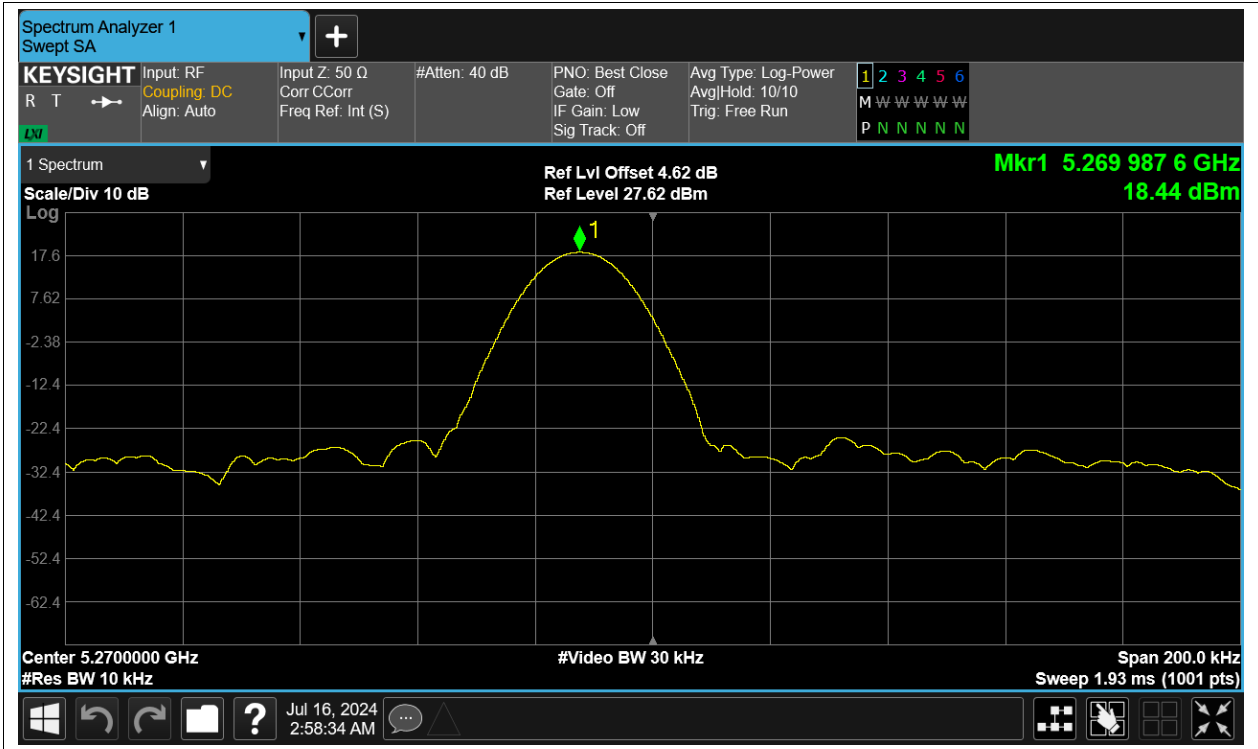
Freq. Stability NVHT n40 5270MHz Ant14



Freq. Stability NVLT n40 5270MHz Ant14



Freq. Stability NVNT n40 5270MHz Ant14

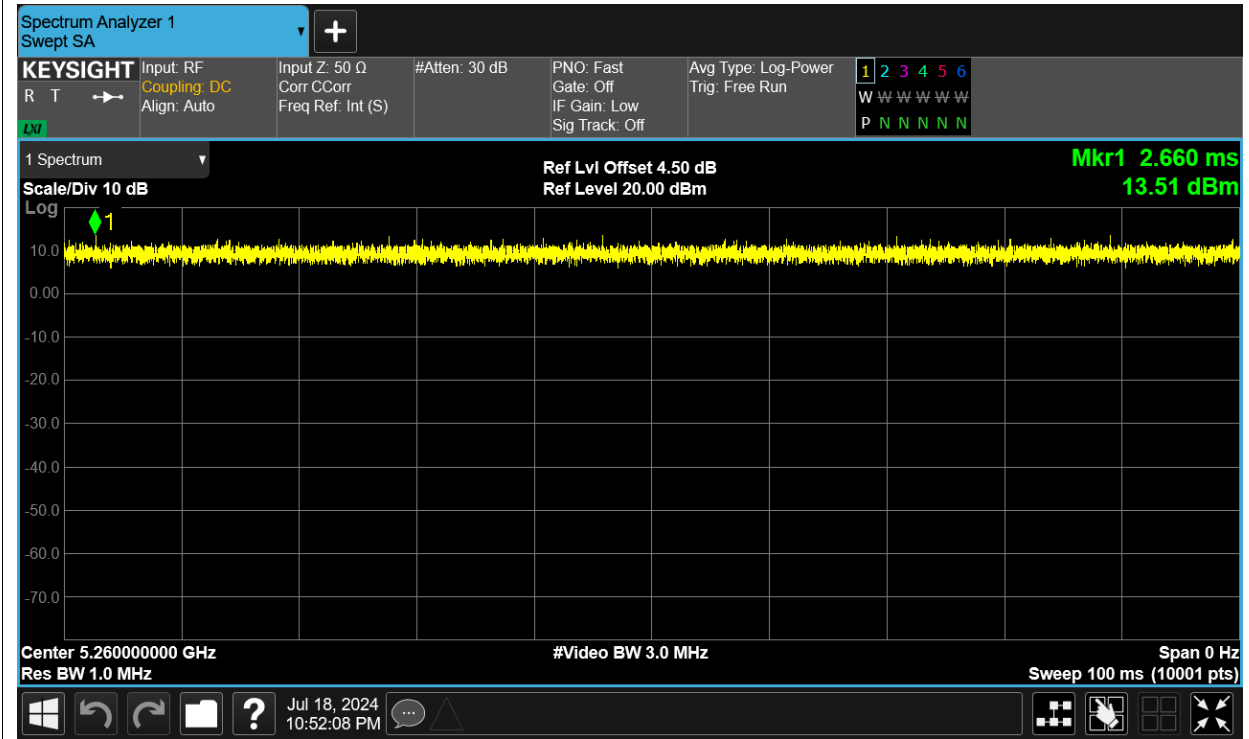


Duty Cycle

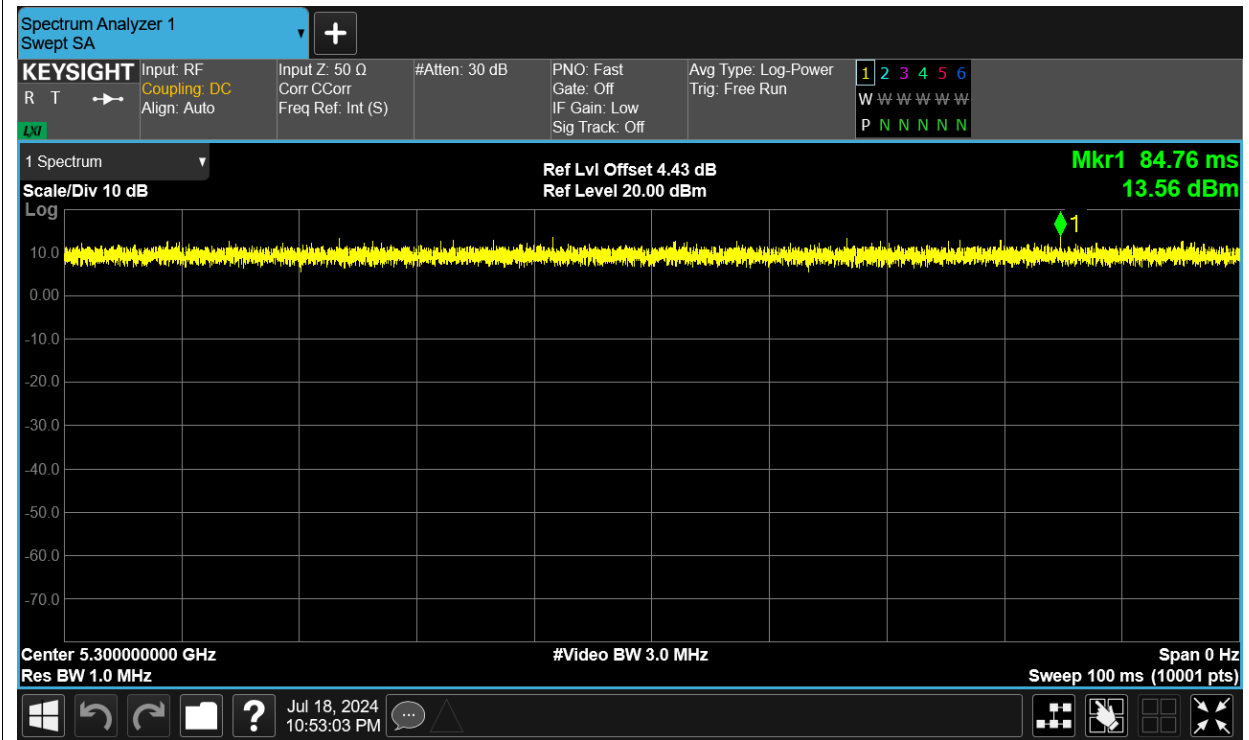
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant14	100	0
NVNT	a	5300	Ant14	100	0
NVNT	a	5320	Ant14	100	0
NVNT	ac20	5260	Ant14	100	0
NVNT	ac20	5300	Ant14	100	0
NVNT	ac20	5320	Ant14	100	0
NVNT	ac40	5270	Ant14	100	0
NVNT	ac40	5310	Ant14	100	0
NVNT	ac80	5290	Ant14	100	0
NVNT	n20	5260	Ant14	100	0
NVNT	n20	5300	Ant14	100	0
NVNT	n20	5320	Ant14	100	0
NVNT	n40	5270	Ant14	100	0
NVNT	n40	5310	Ant14	100	0

Test Graphs

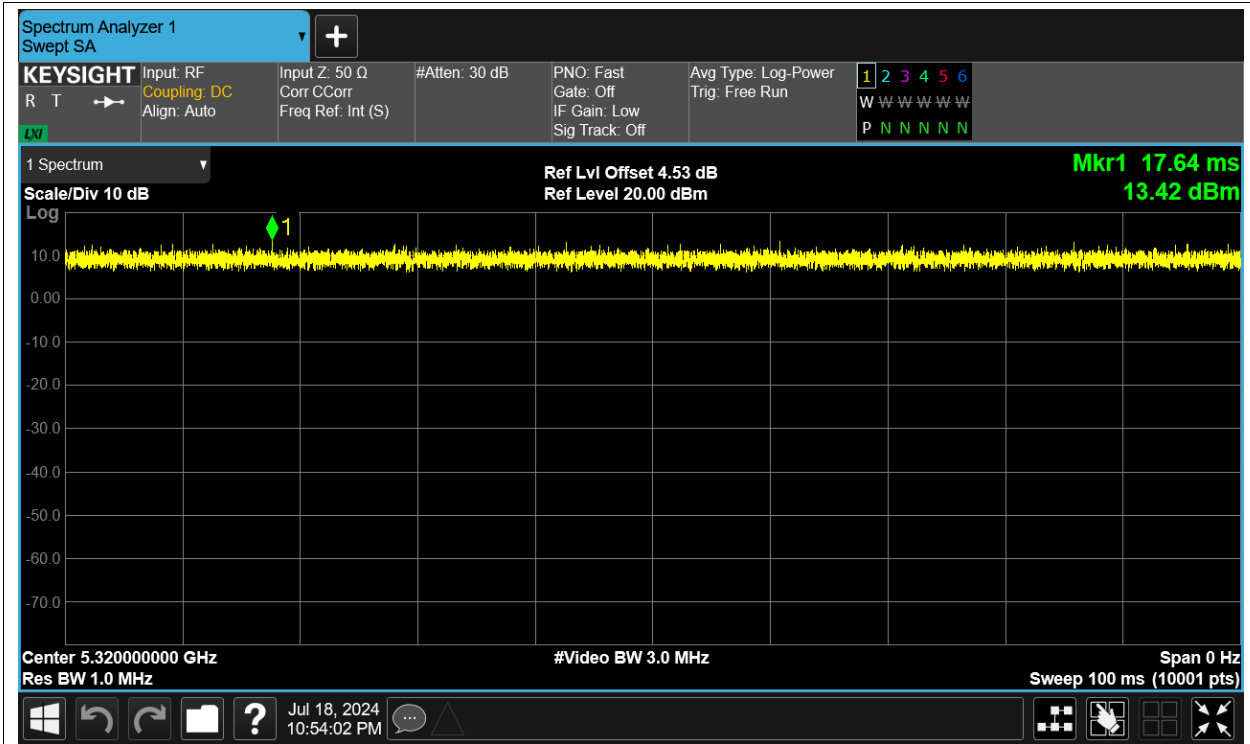
Duty Cycle NVNT a 5260MHz Ant14



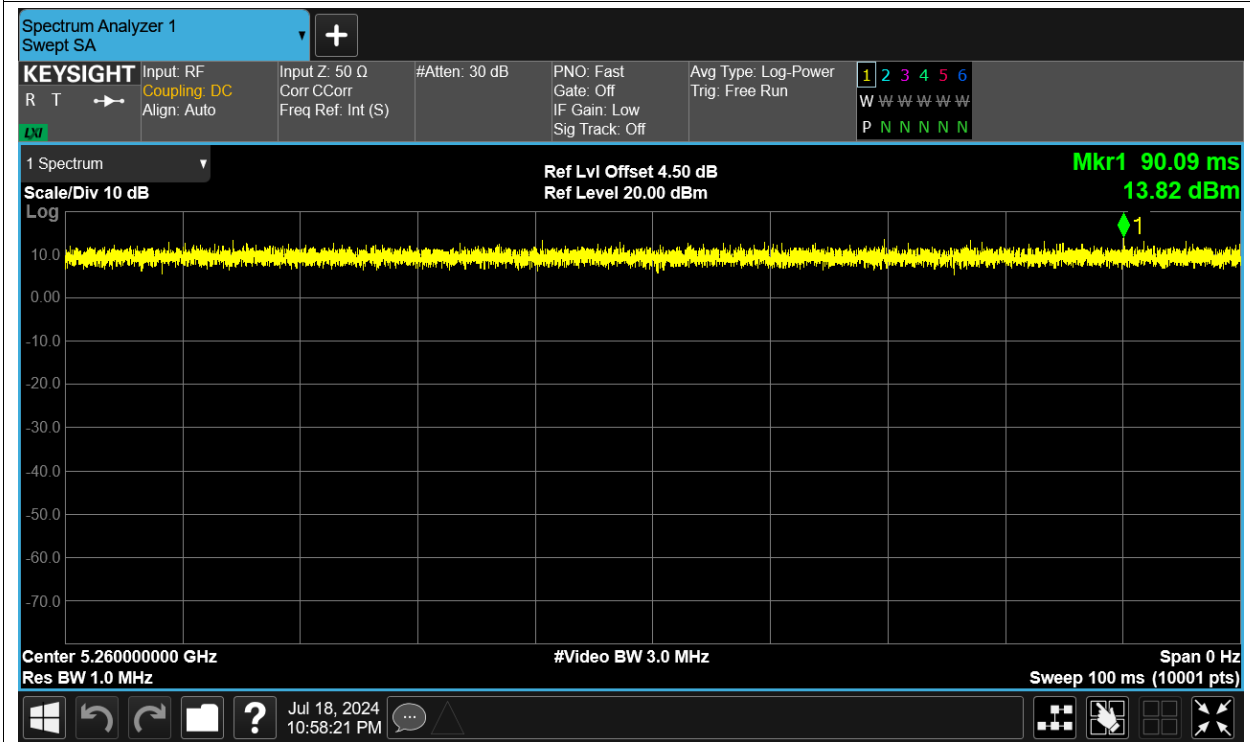
Duty Cycle NVNT a 5300MHz Ant14



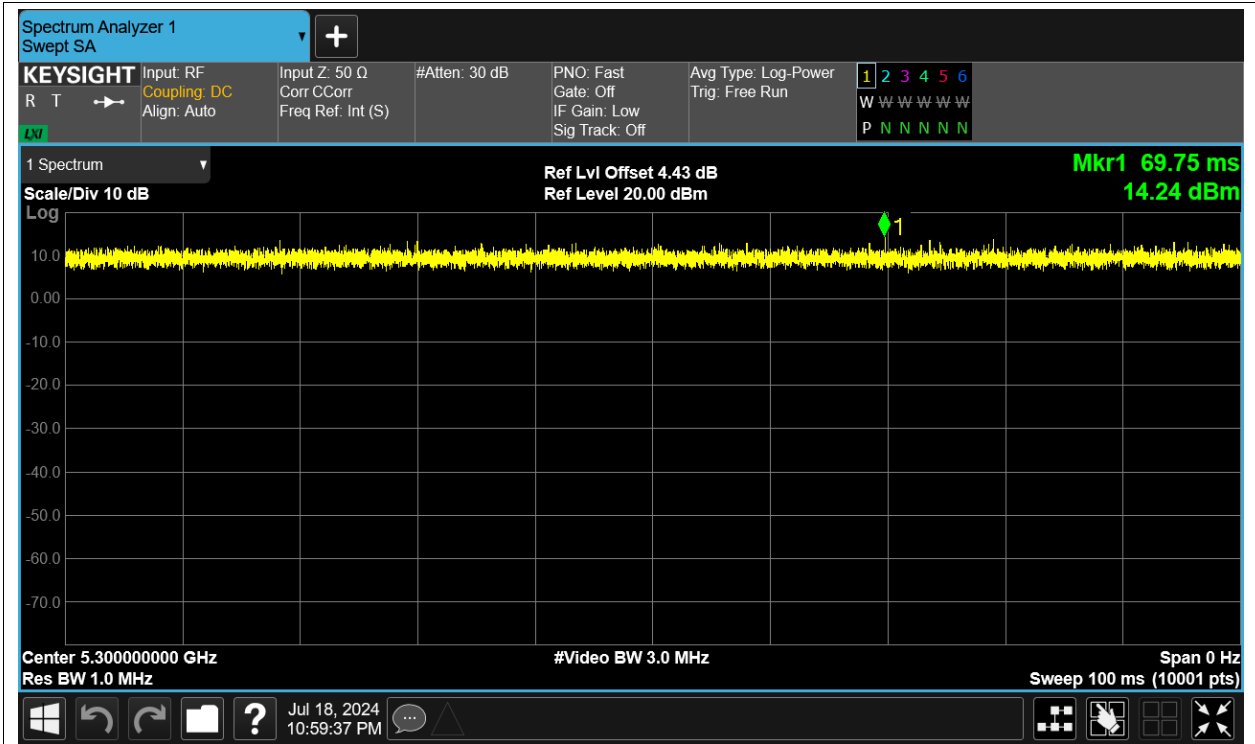
Duty Cycle NVNT a 5320MHz Ant14



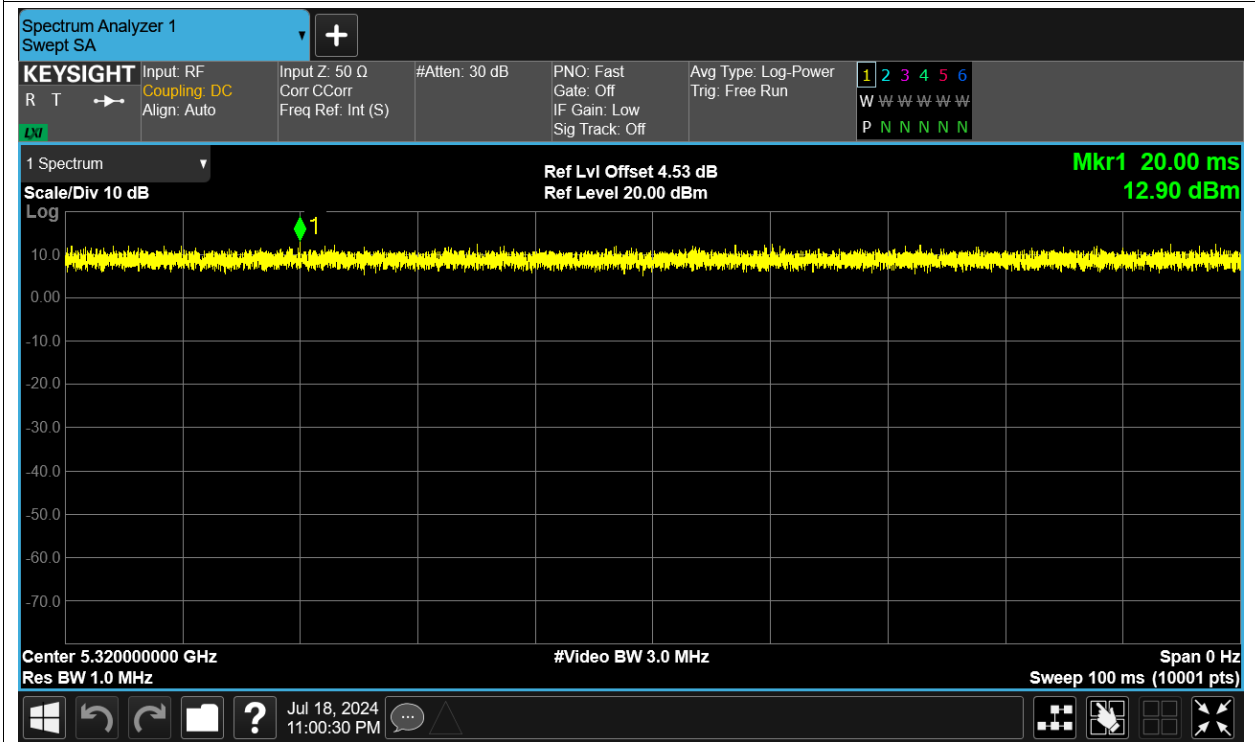
Duty Cycle NVNT ac20 5260MHz Ant14



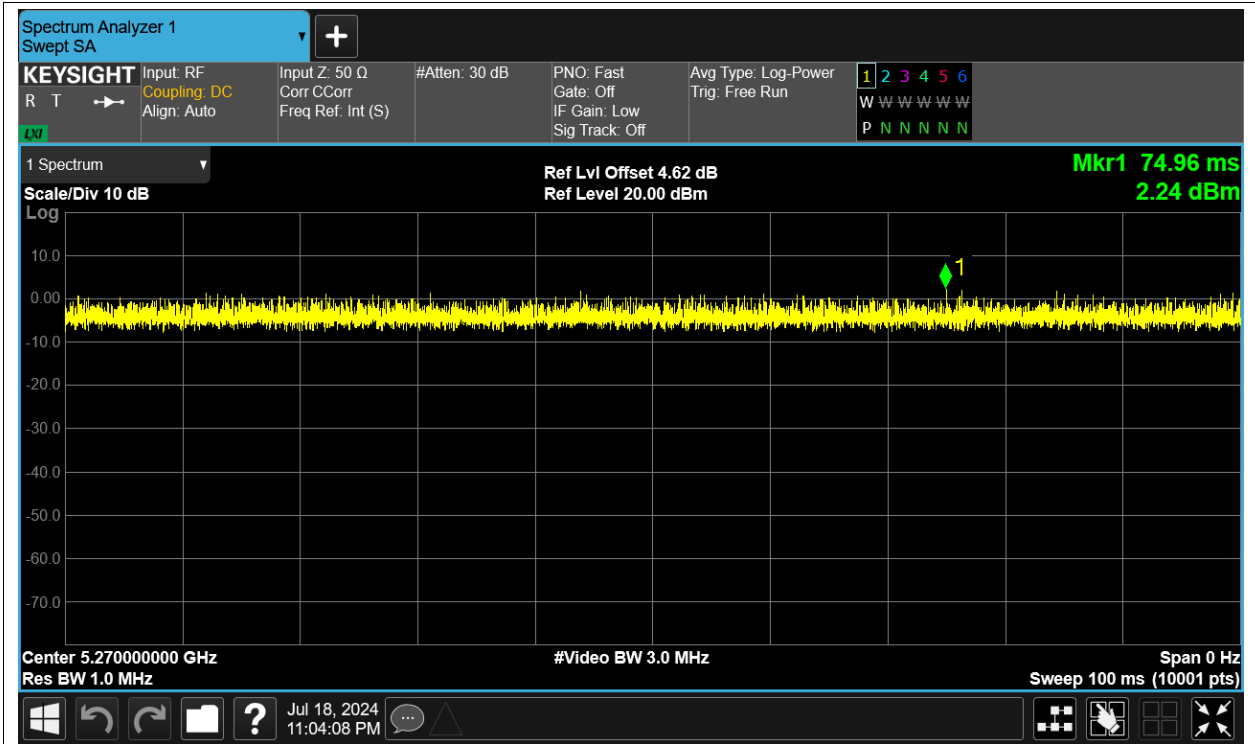
Duty Cycle NVNT ac20 5300MHz Ant14



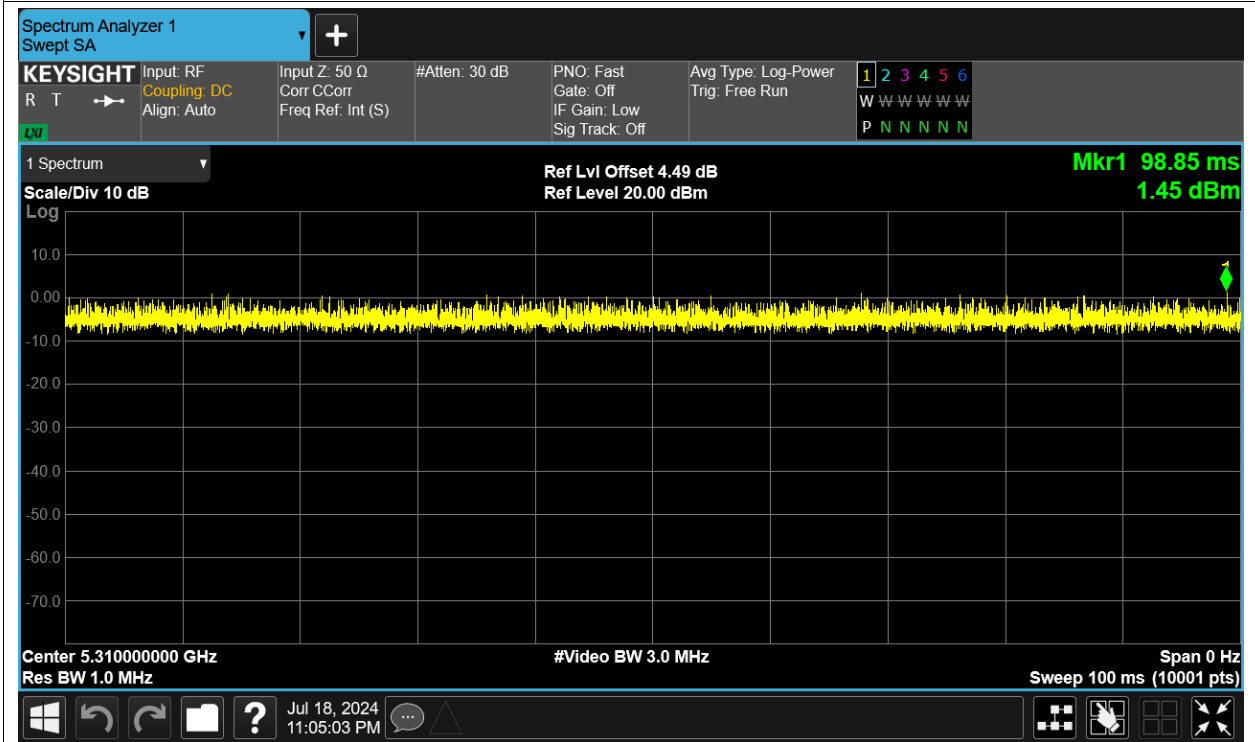
Duty Cycle NVNT ac20 5320MHz Ant14



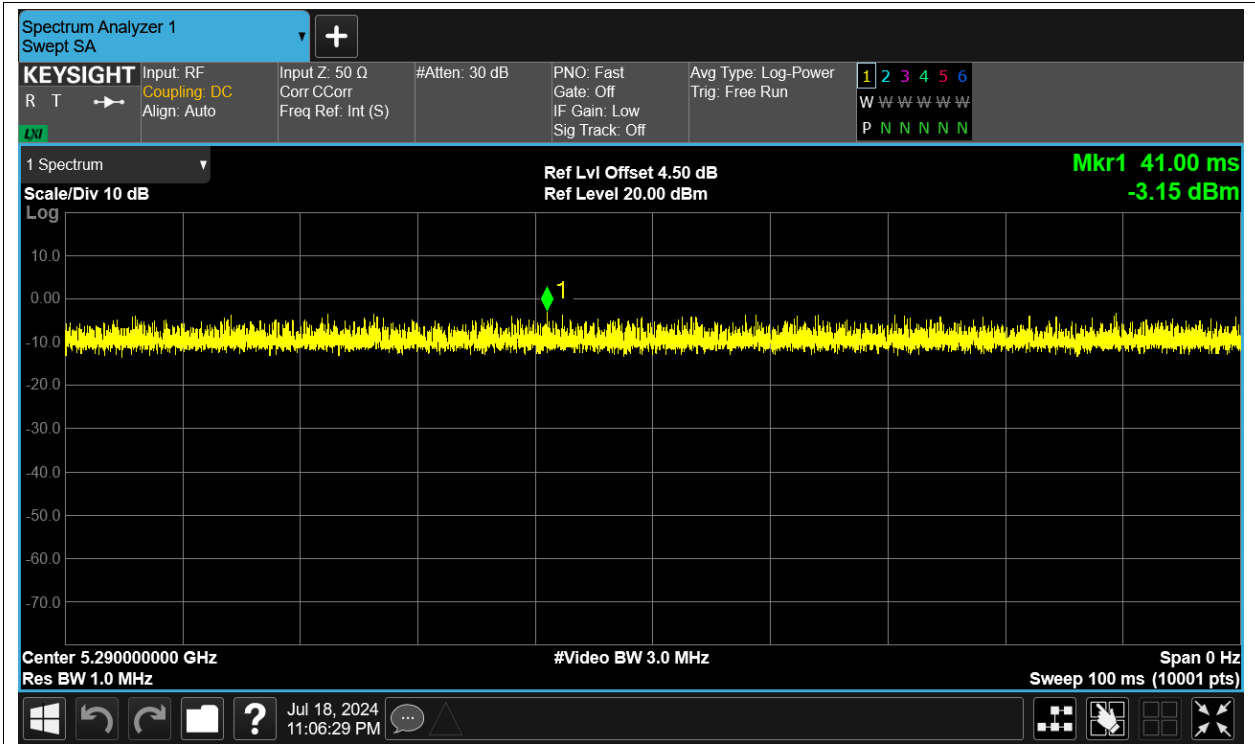
Duty Cycle NVNT ac40 5270MHz Ant14



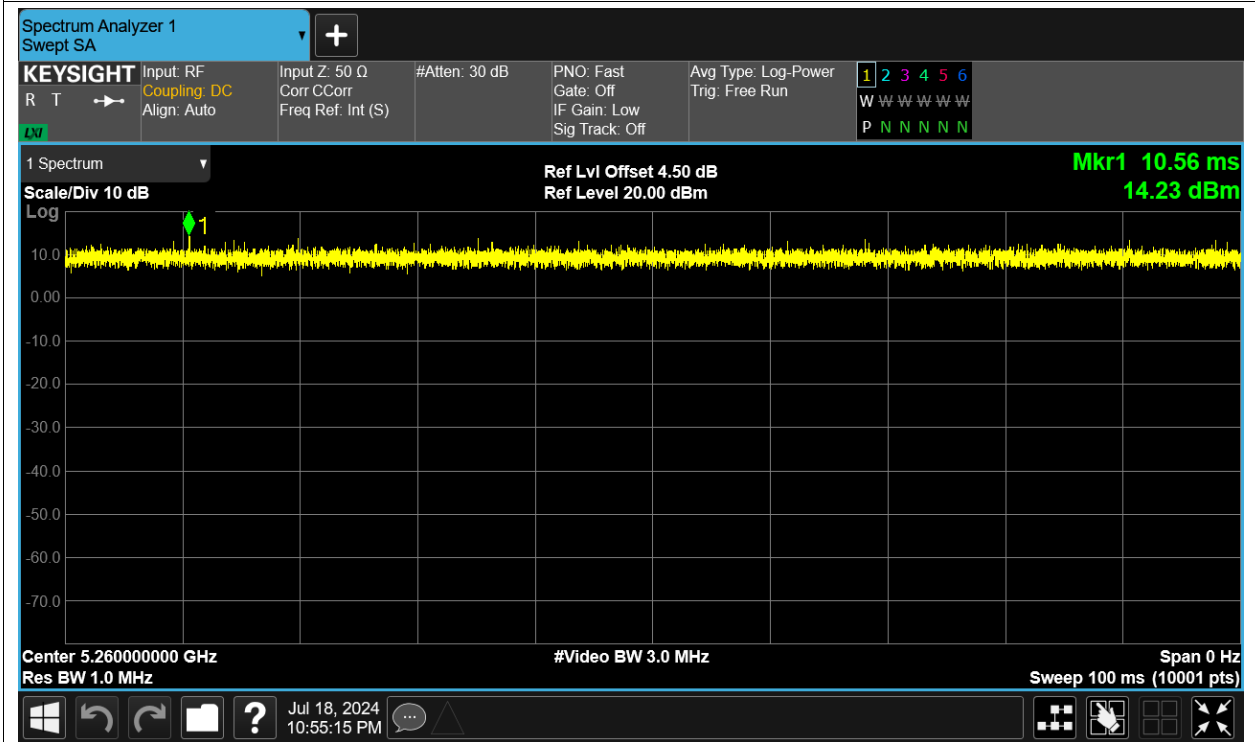
Duty Cycle NVNT ac40 5310MHz Ant14



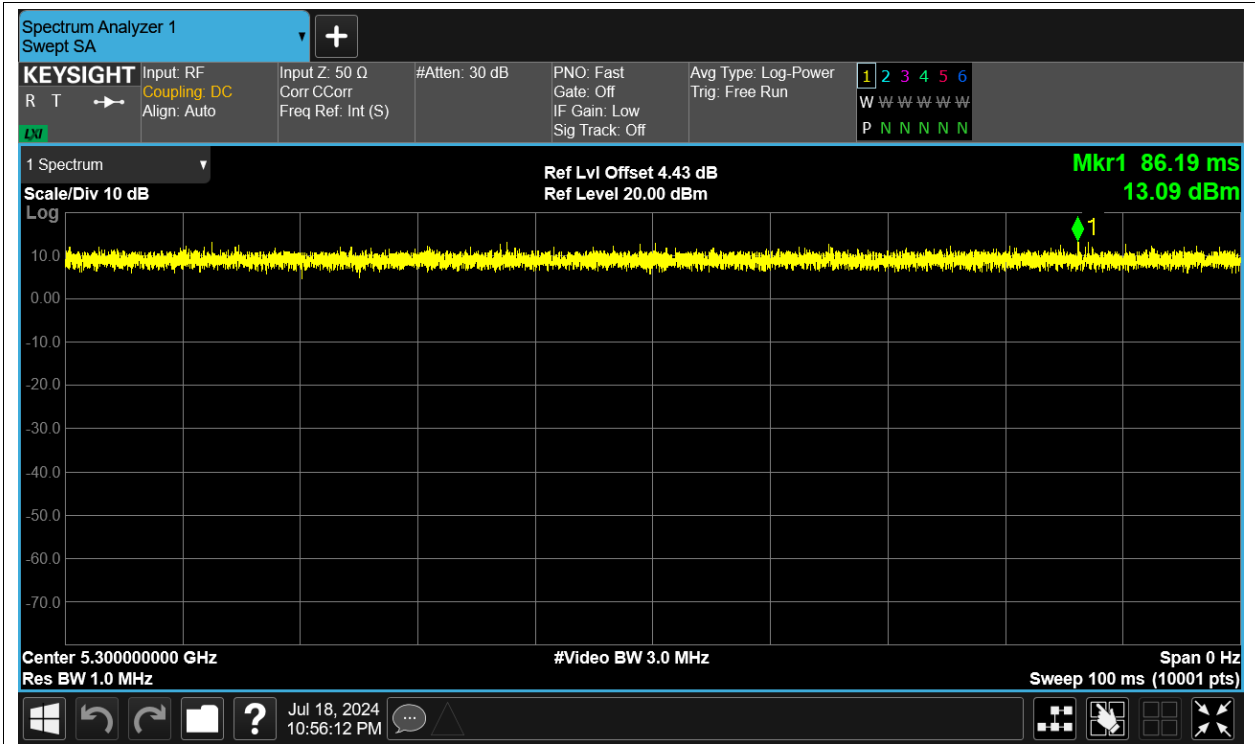
Duty Cycle NVNT ac80 5290MHz Ant14



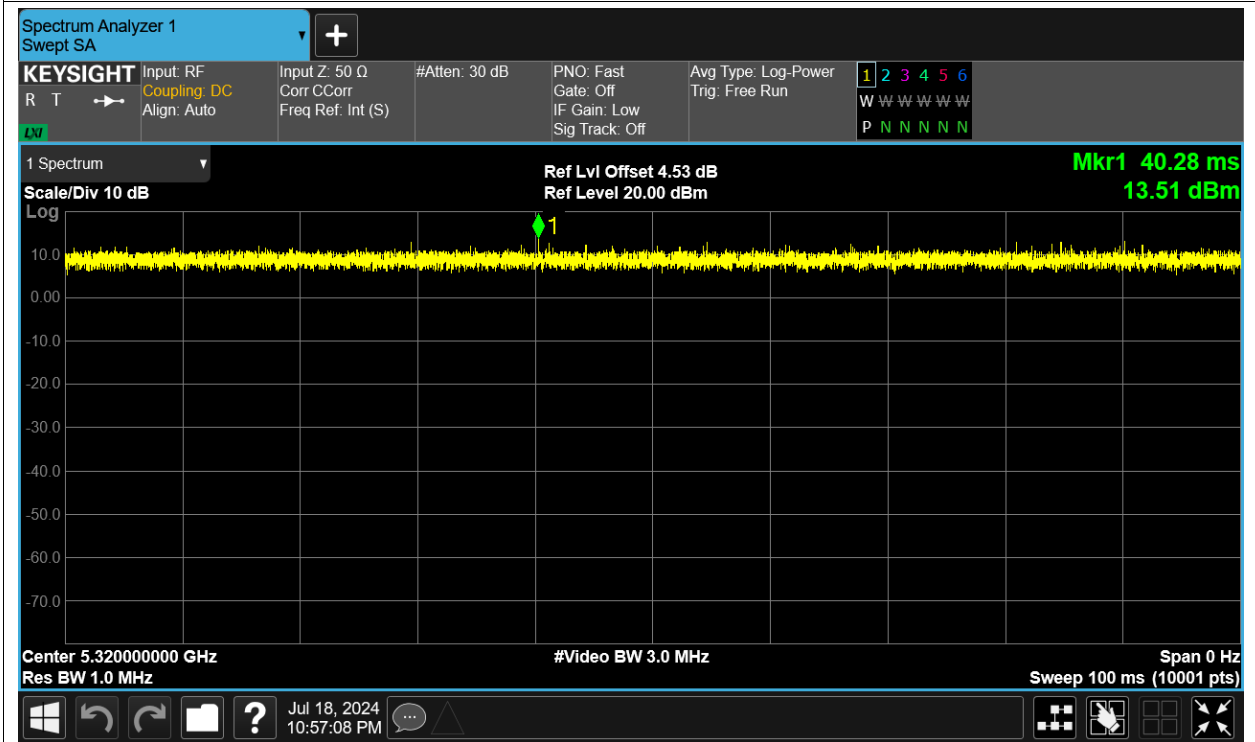
Duty Cycle NVNT n20 5260MHz Ant14



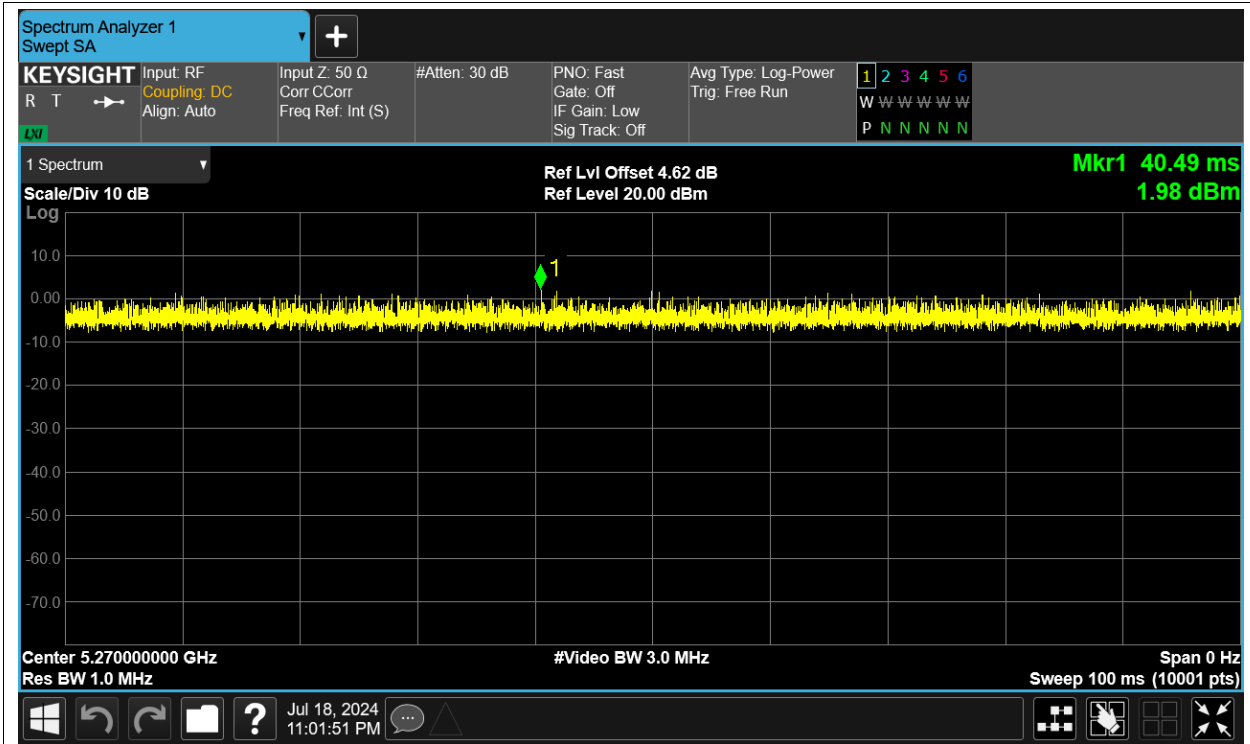
Duty Cycle NVNT n20 5300MHz Ant14



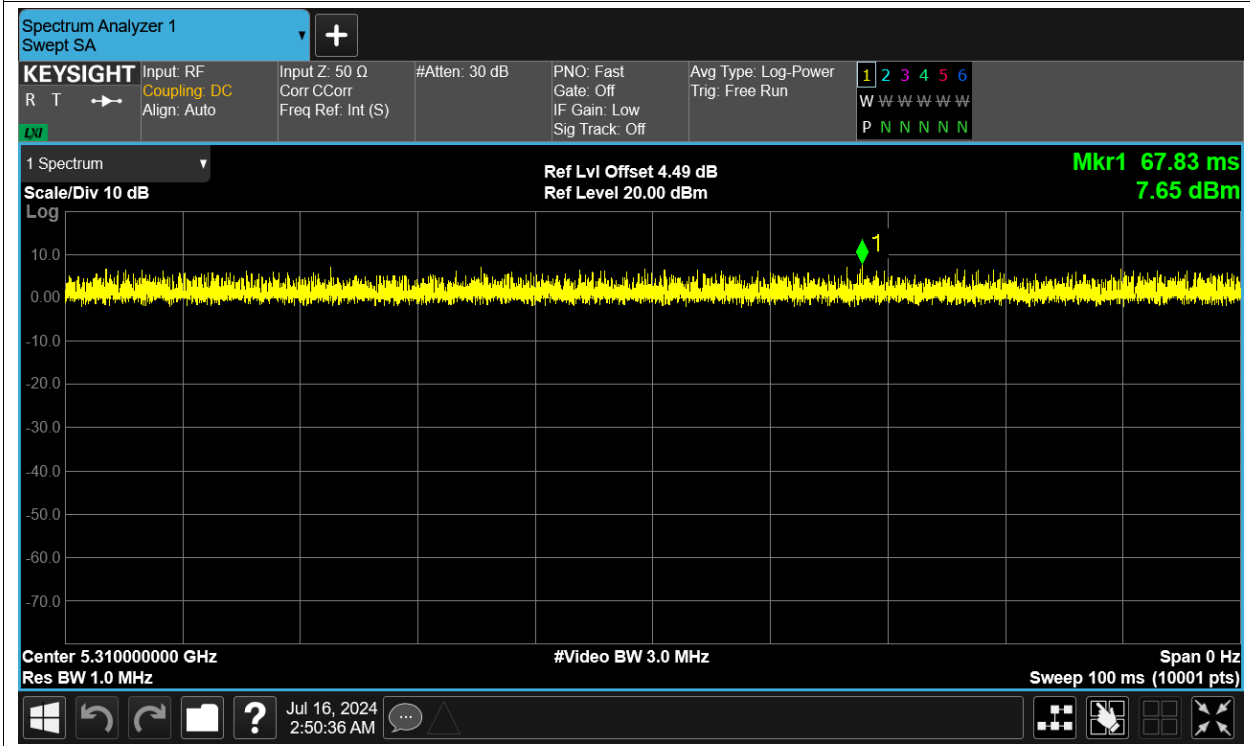
Duty Cycle NVNT n20 5320MHz Ant14



Duty Cycle NVNT n40 5270MHz Ant14



Duty Cycle NVNT n40 5310MHz Ant14



Maximum Conducted Output Power

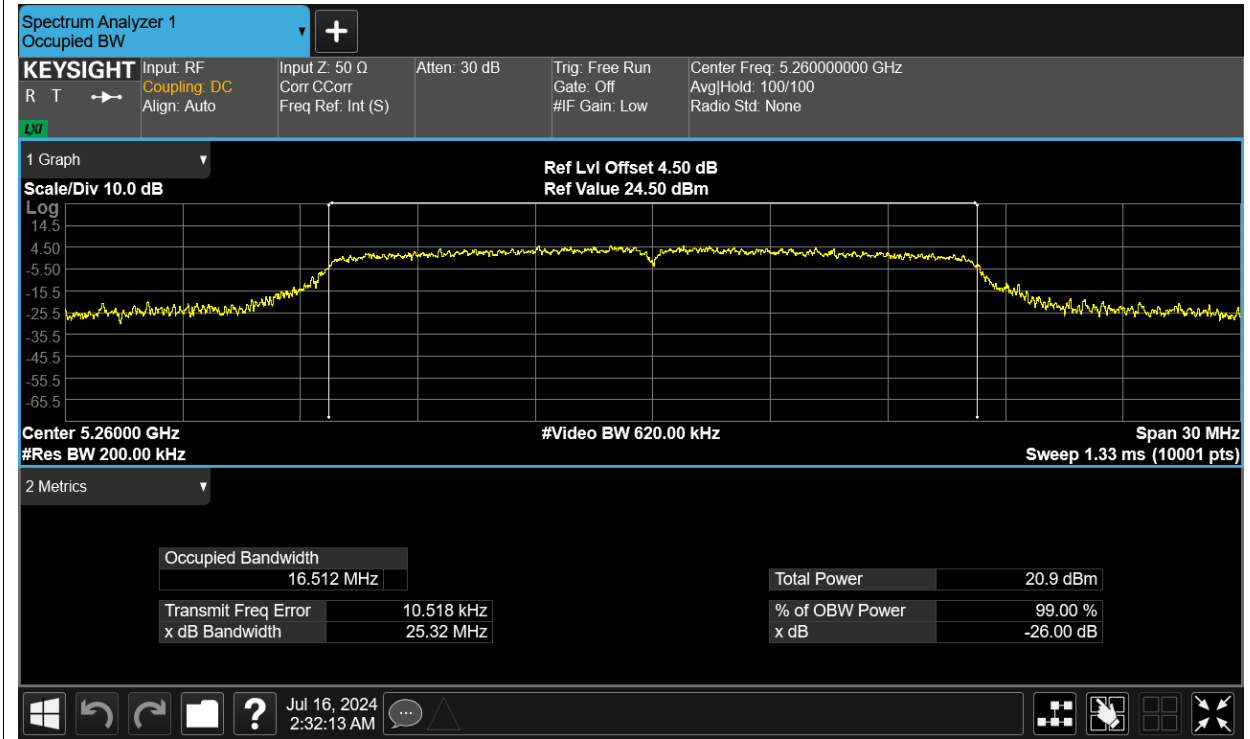
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant14	15.45	0	15.45	24	Pass
NVNT	a	5300	Ant14	16.86	0	16.86	24	Pass
NVNT	a	5320	Ant14	16.17	0	16.17	24	Pass
NVNT	ac20	5260	Ant14	15.58	0	15.58	24	Pass
NVNT	ac20	5300	Ant14	17.02	0	17.02	24	Pass
NVNT	ac20	5320	Ant14	16.03	0	16.03	24	Pass
NVNT	ac40	5270	Ant14	8.98	0	8.98	24	Pass
NVNT	ac40	5310	Ant14	9.45	0	9.45	24	Pass
NVNT	ac80	5290	Ant14	7.22	0	7.22	24	Pass
NVNT	n20	5260	Ant14	15.53	0	15.53	24	Pass
NVNT	n20	5300	Ant14	16.68	0	16.68	24	Pass
NVNT	n20	5320	Ant14	16	0	16	24	Pass
NVNT	n40	5270	Ant14	8.79	0	8.79	24	Pass
NVNT	n40	5310	Ant14	9.65	0	9.65	24	Pass

Occupied Channel Bandwidth

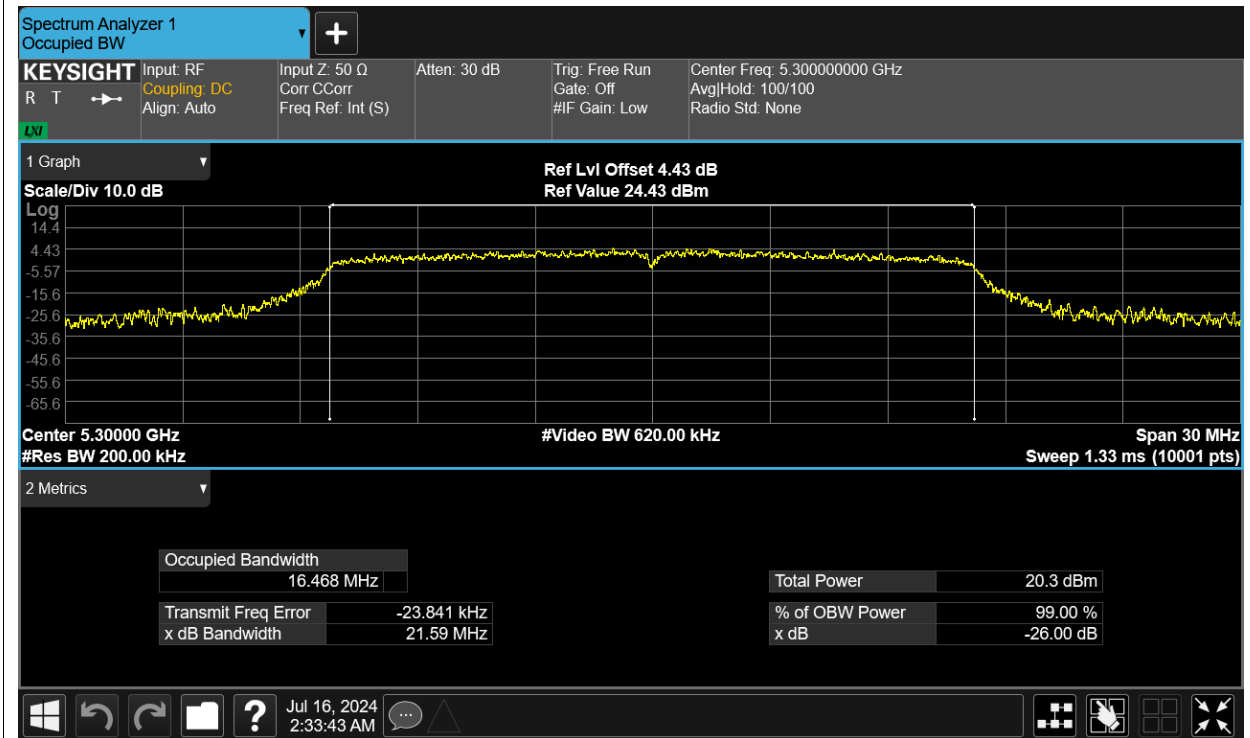
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant14	16.512
NVNT	a	5300	Ant14	16.468
NVNT	a	5320	Ant14	16.46
NVNT	ac20	5260	Ant14	17.54
NVNT	ac20	5300	Ant14	17.568
NVNT	ac20	5320	Ant14	17.555
NVNT	ac40	5270	Ant14	35.943
NVNT	ac40	5310	Ant14	35.985
NVNT	ac80	5290	Ant14	75.155
NVNT	n20	5260	Ant14	17.596
NVNT	n20	5300	Ant14	17.595
NVNT	n20	5320	Ant14	17.625
NVNT	n40	5270	Ant14	36.03
NVNT	n40	5310	Ant14	36.025

Test Graphs

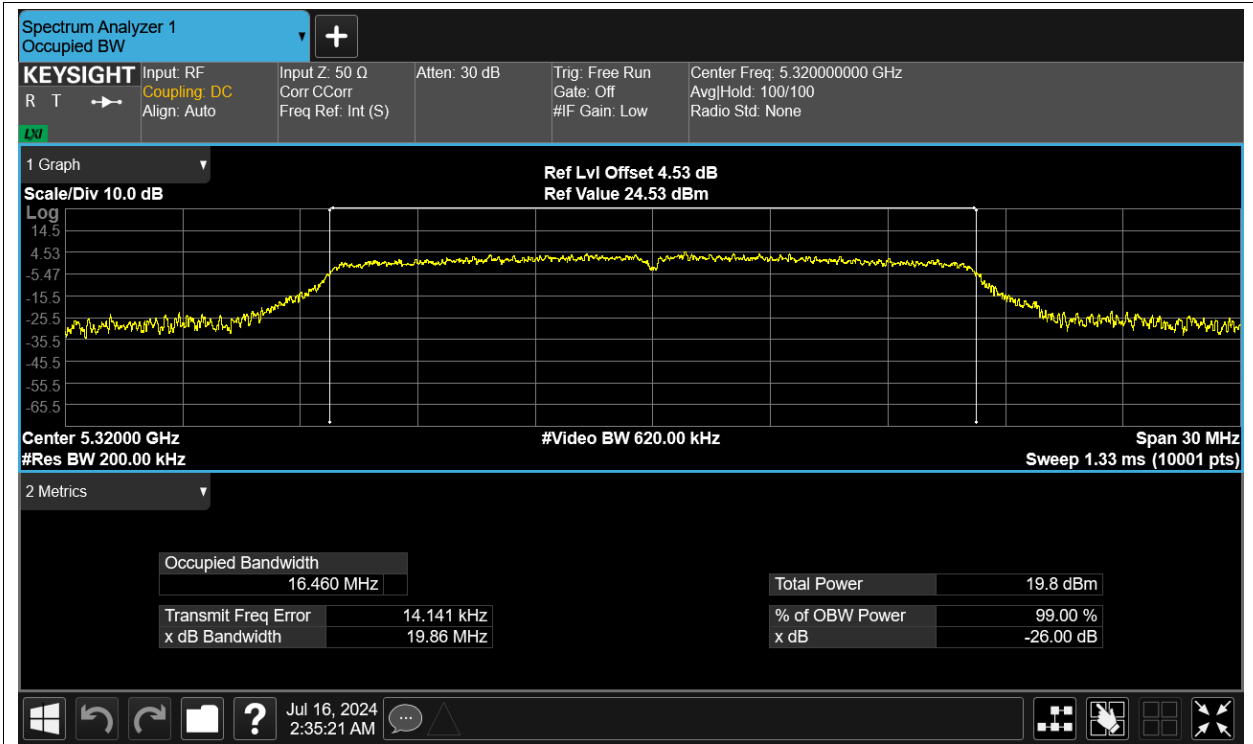
OBW NVNT a 5260MHz Ant14



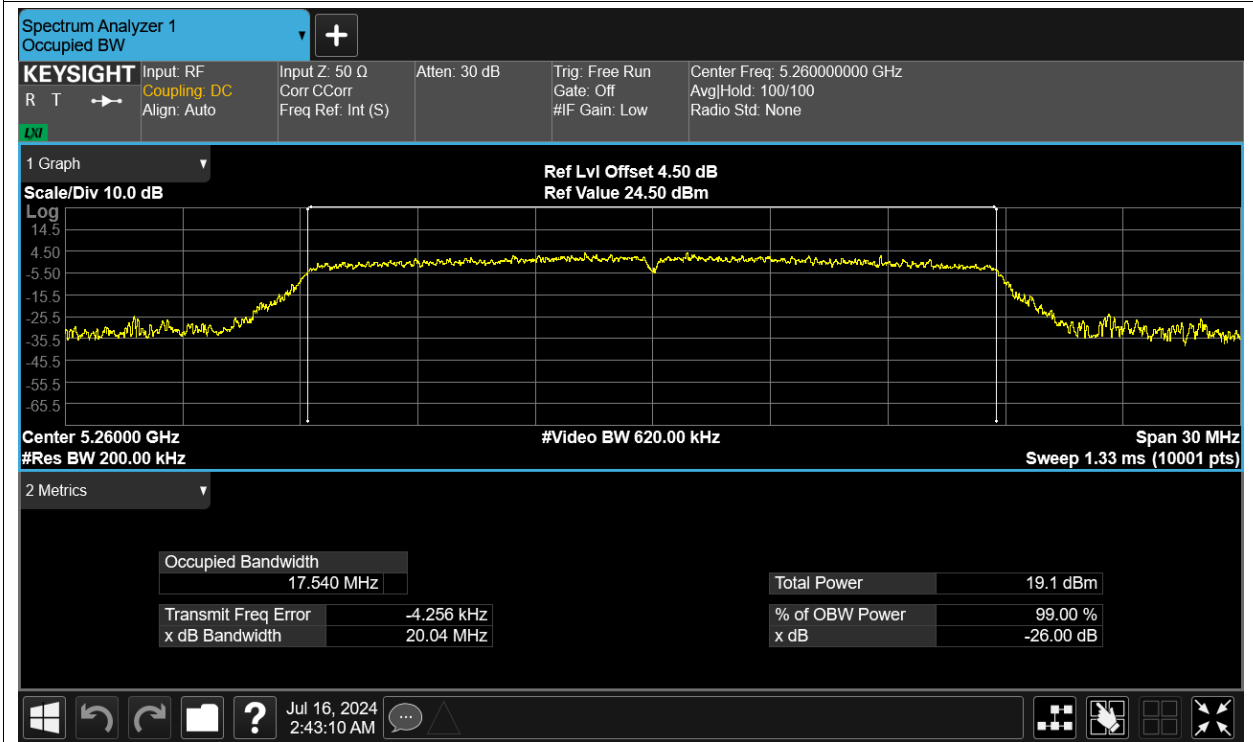
OBW NVNT a 5300MHz Ant14



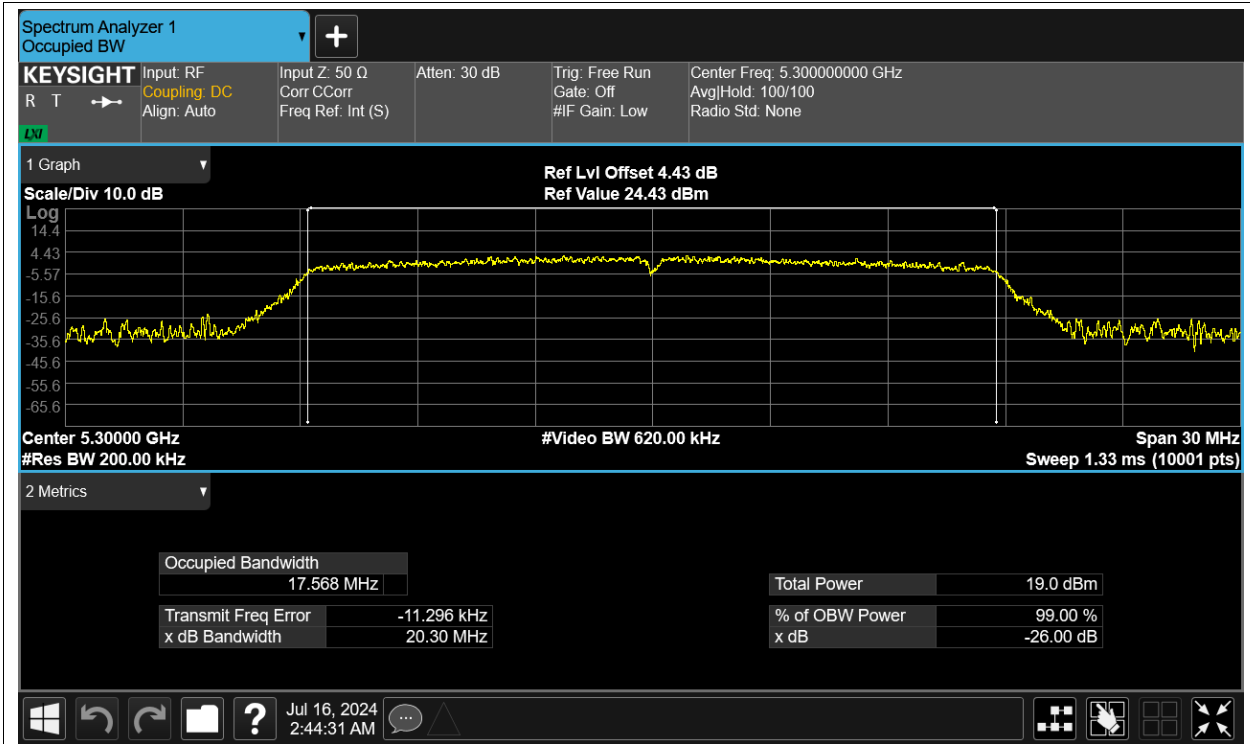
OBW NVNT a 5320MHz Ant14



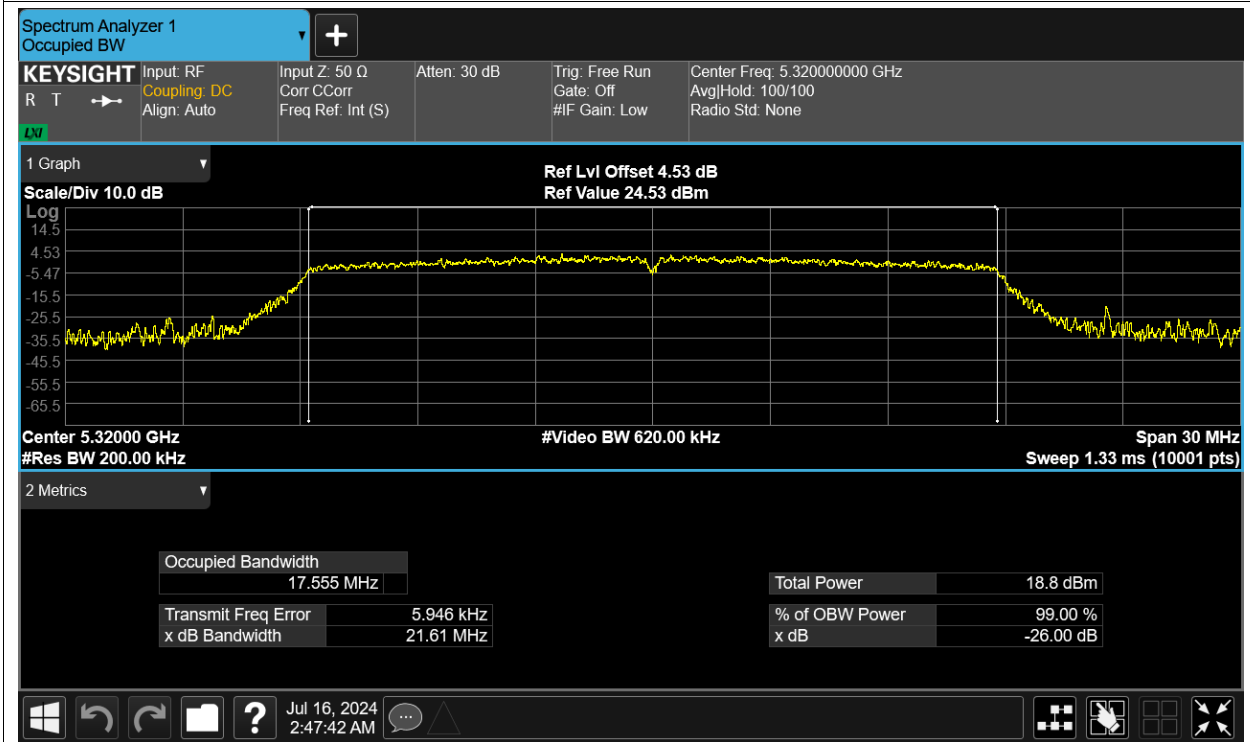
OBW NVNT ac20 5260MHz Ant14



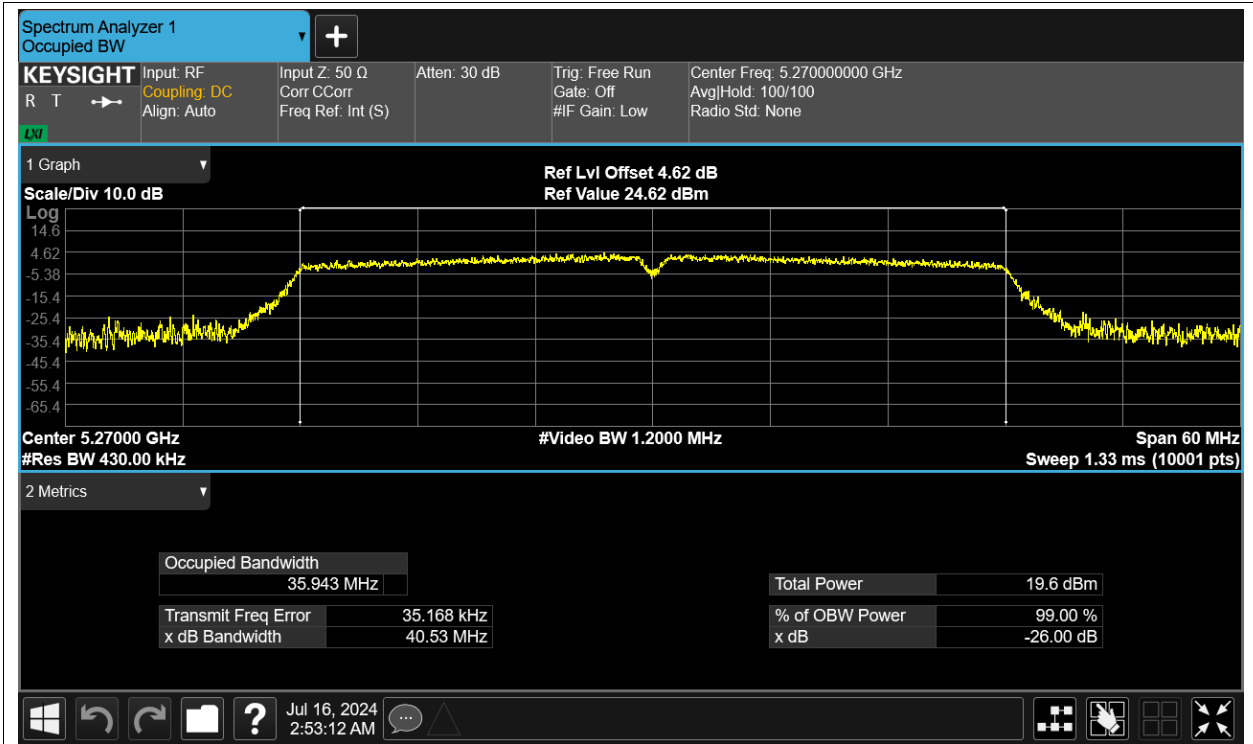
OBW NVNT ac20 5300MHz Ant14



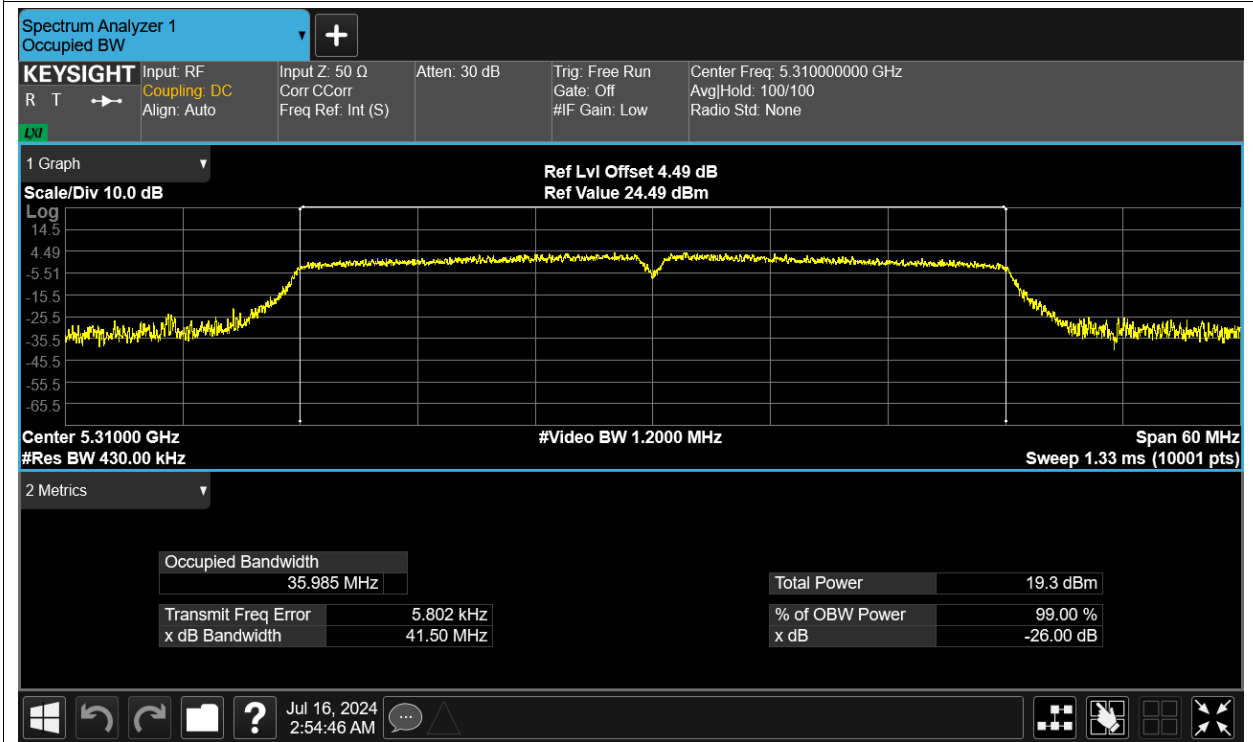
OBW NVNT ac20 5320MHz Ant14



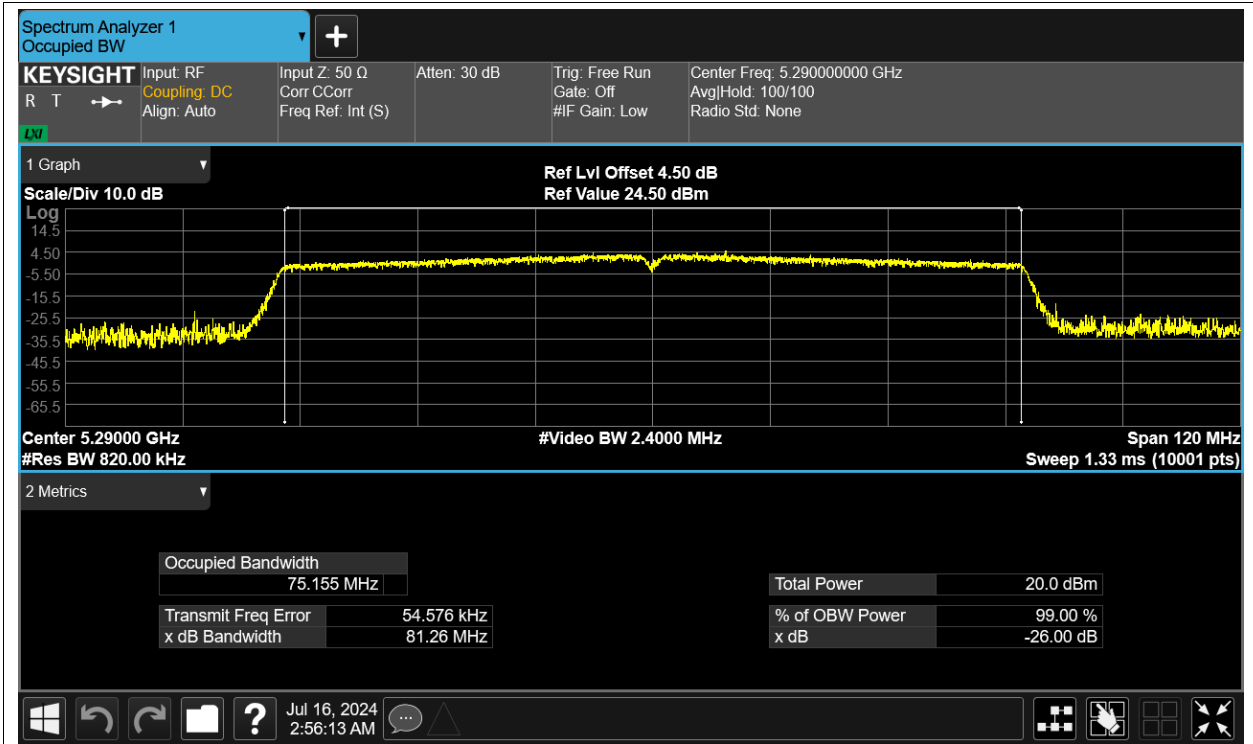
OBW NVNT ac40 5270MHz Ant14



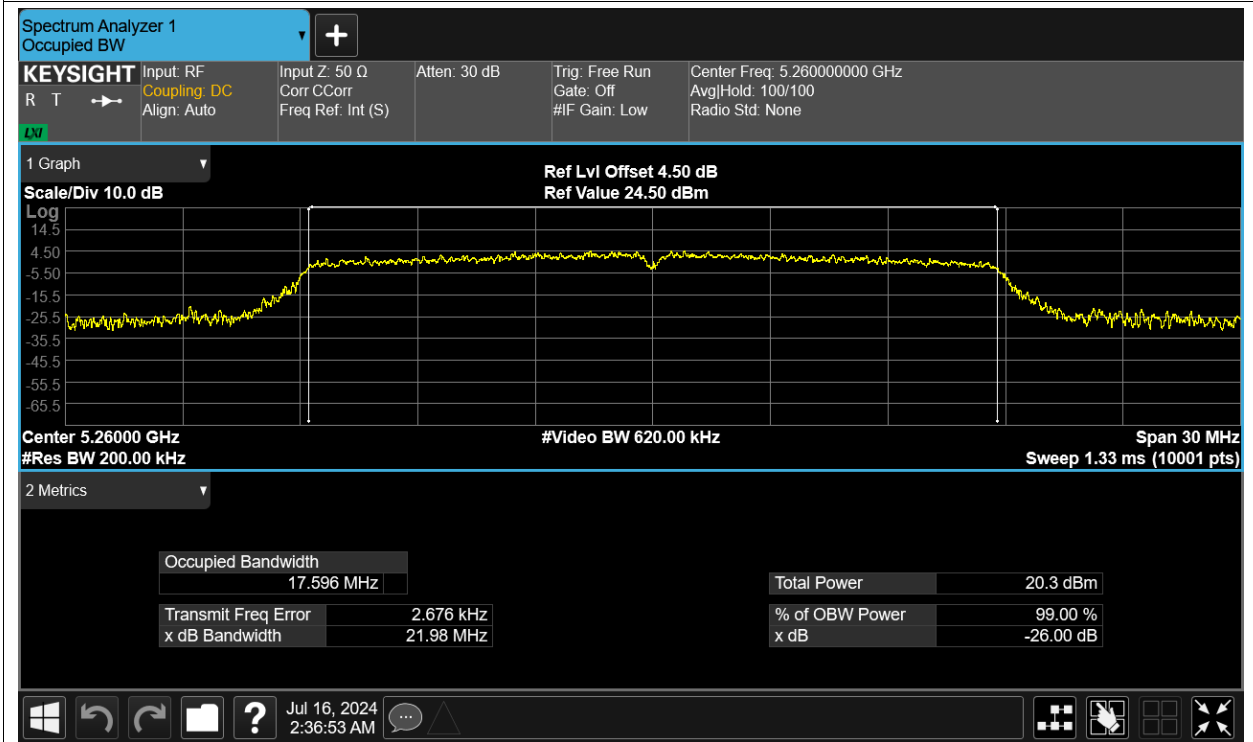
OBW NVNT ac40 5310MHz Ant14



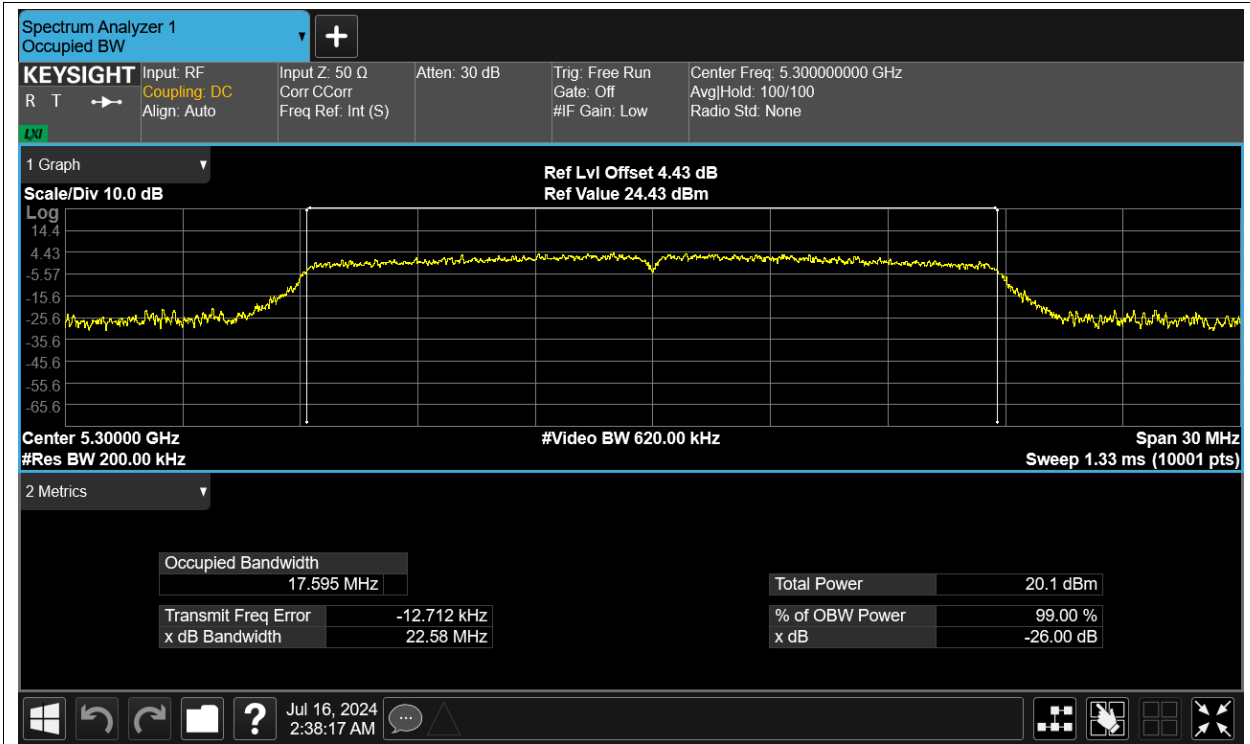
OBW NVNT ac80 5290MHz Ant14



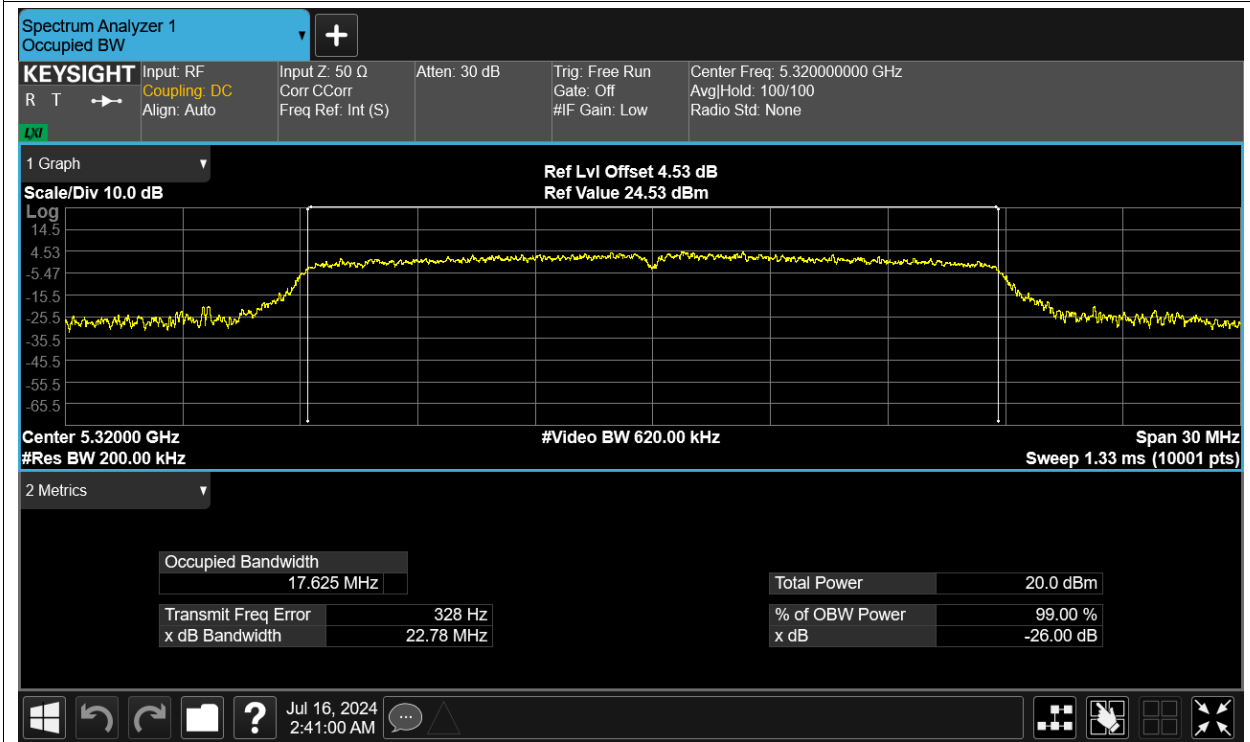
OBW NVNT n20 5260MHz Ant14



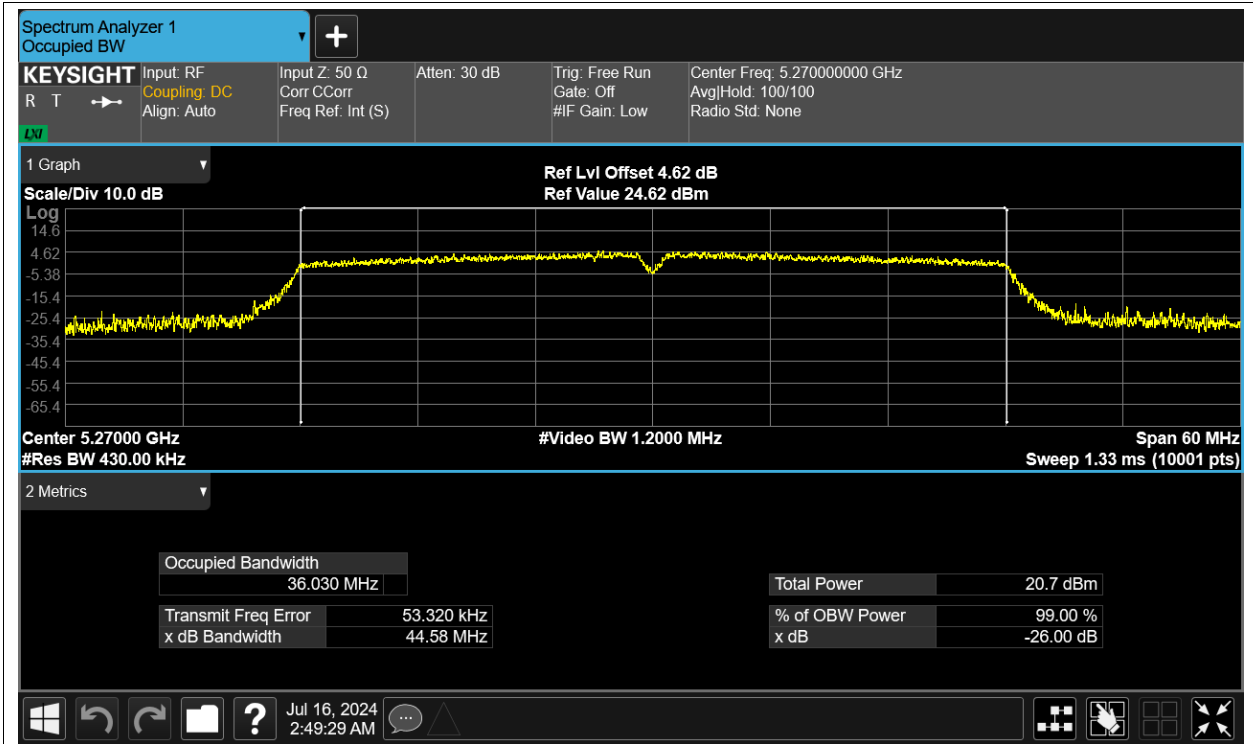
OBW NVNT n20 5300MHz Ant14



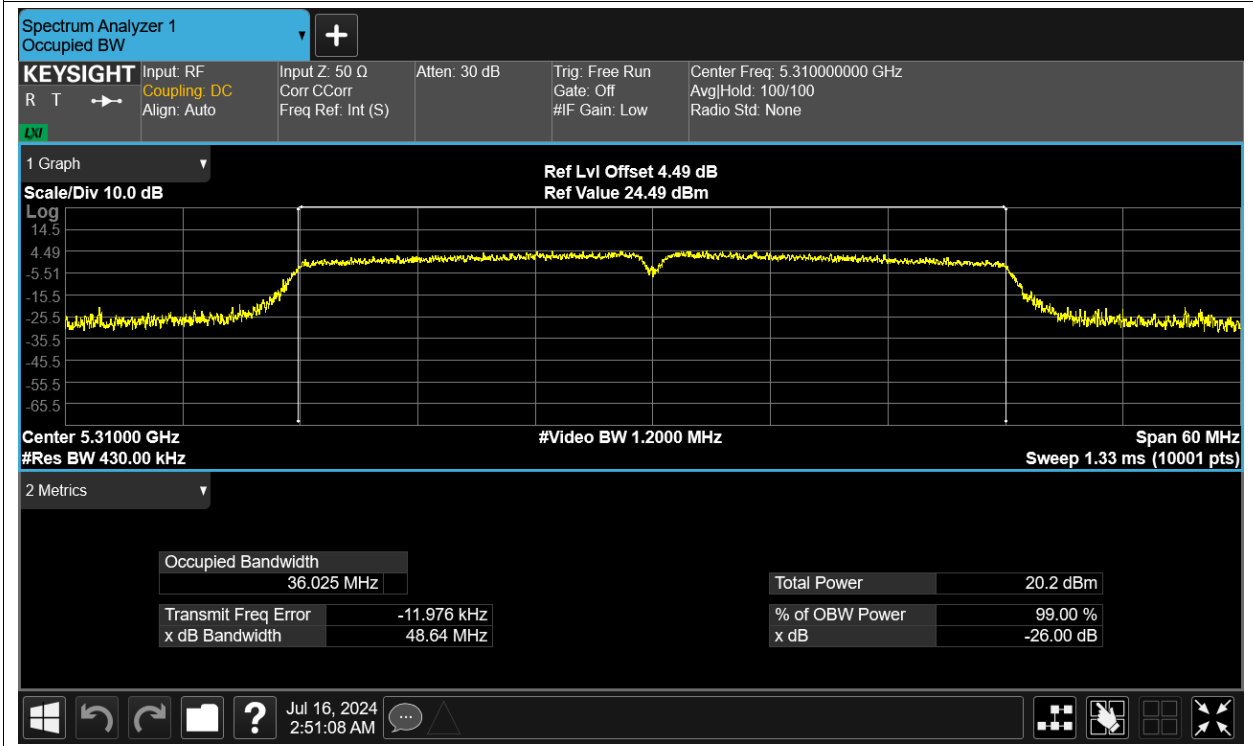
OBW NVNT n20 5320MHz Ant14



OBW NVNT n40 5270MHz Ant14



OBW NVNT n40 5310MHz Ant14

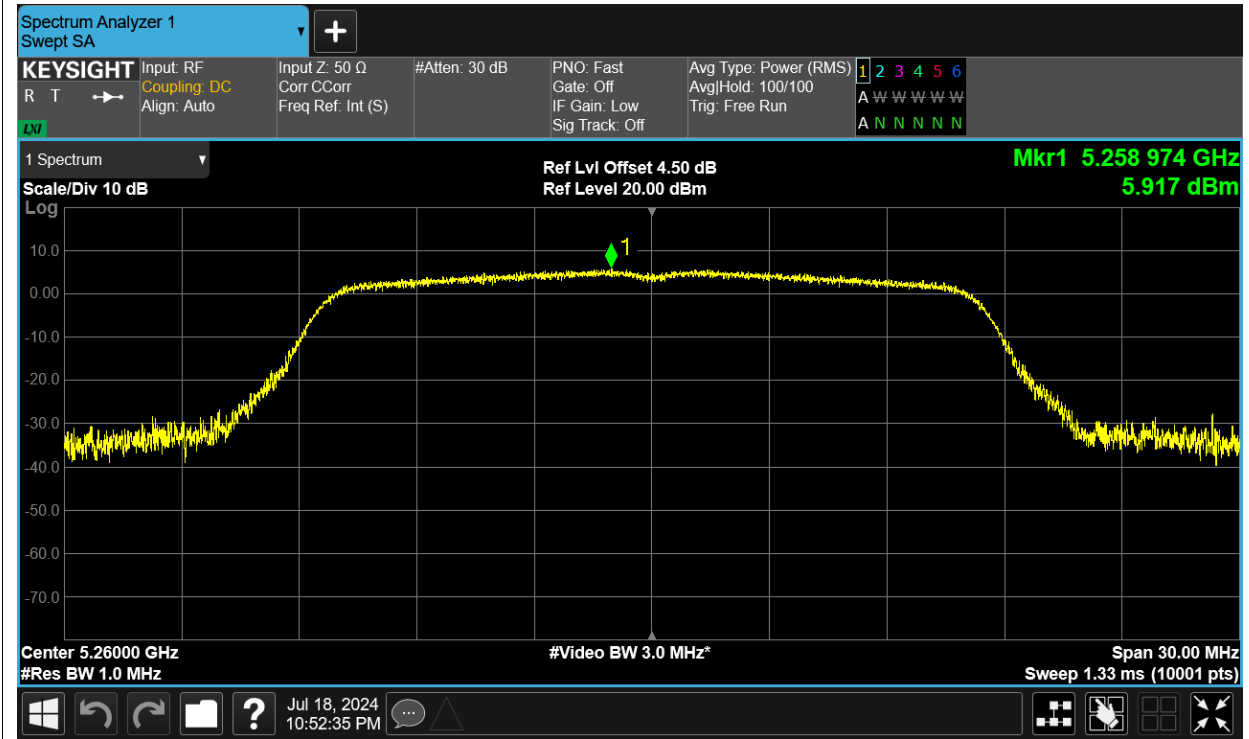


Maximum Power Spectral Density Level

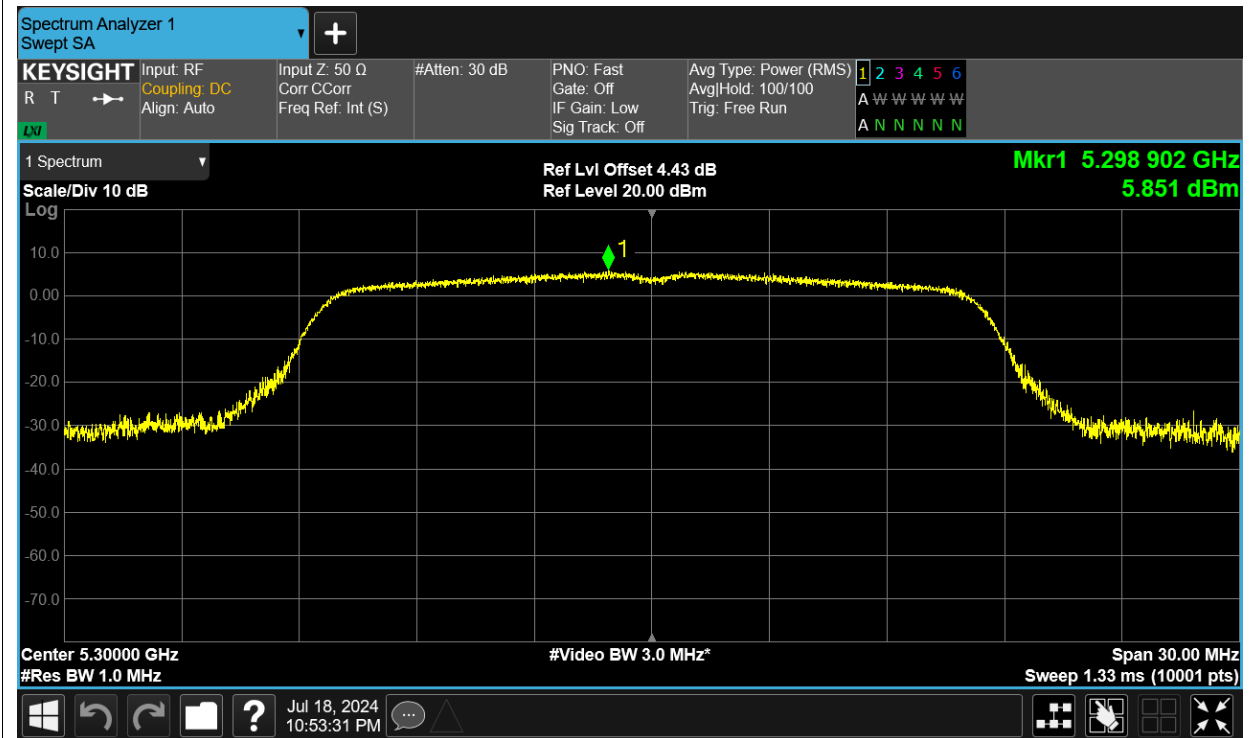
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant14	5.917	11	Pass
NVNT	a	5300	Ant14	5.851	11	Pass
NVNT	a	5320	Ant14	5.727	11	Pass
NVNT	ac20	5260	Ant14	5.607	11	Pass
NVNT	ac20	5300	Ant14	5.545	11	Pass
NVNT	ac20	5320	Ant14	5.726	11	Pass
NVNT	ac40	5270	Ant14	-3.628	11	Pass
NVNT	ac40	5310	Ant14	-4.484	11	Pass
NVNT	ac80	5290	Ant14	-9.206	11	Pass
NVNT	n20	5260	Ant14	5.845	11	Pass
NVNT	n20	5300	Ant14	5.157	11	Pass
NVNT	n20	5320	Ant14	5.491	11	Pass
NVNT	n40	5270	Ant14	-3.834	11	Pass
NVNT	n40	5310	Ant14	-4.145	11	Pass

Test Graphs

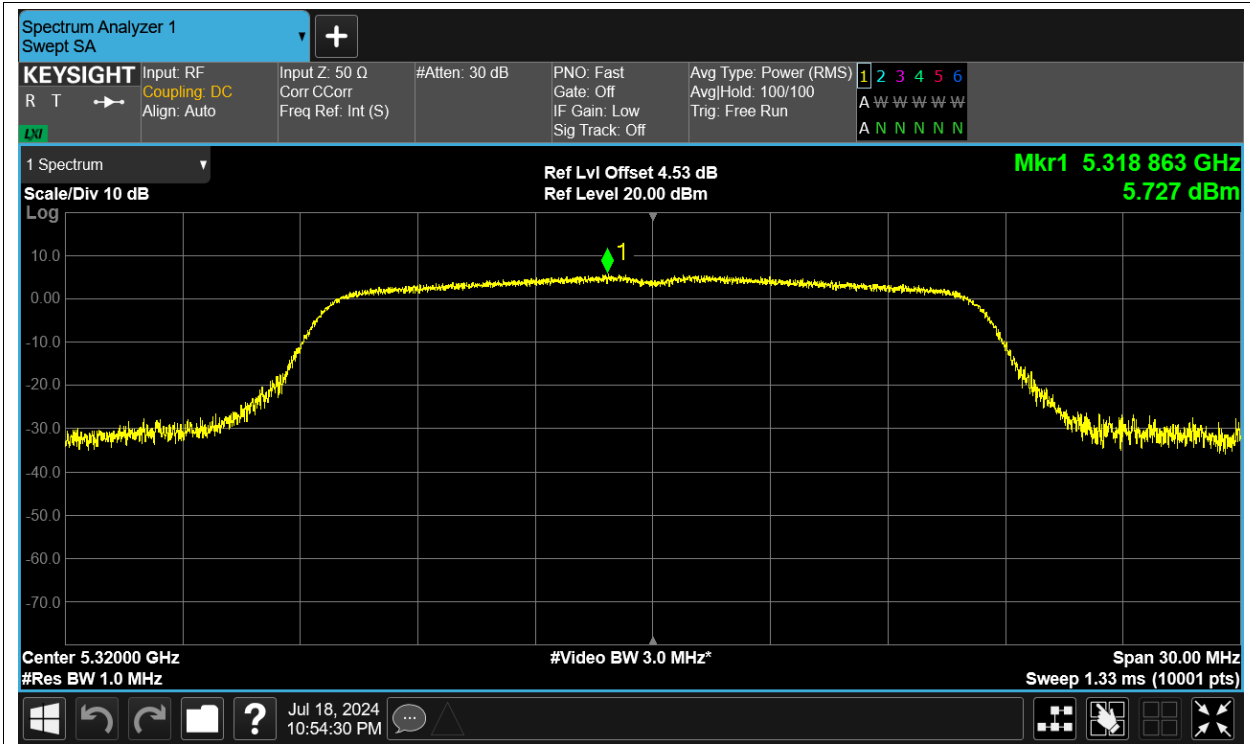
PSD NVNT a 5260MHz Ant14



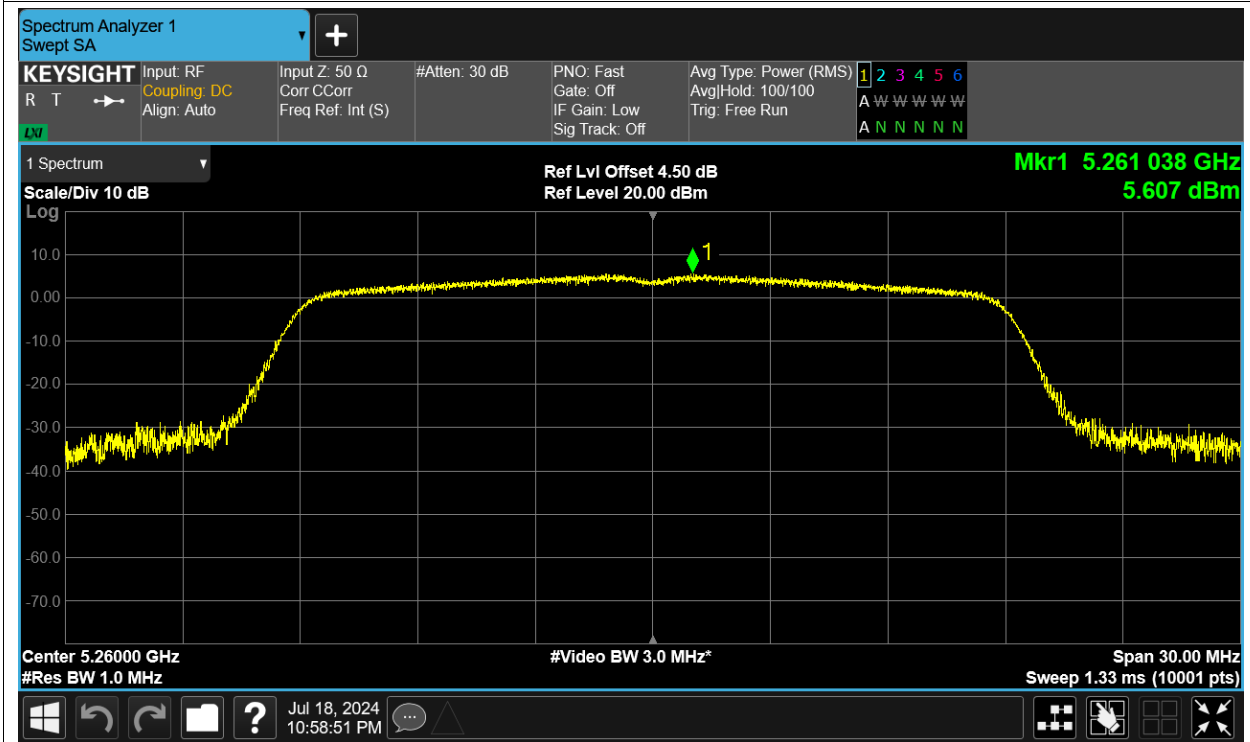
PSD NVNT a 5300MHz Ant14



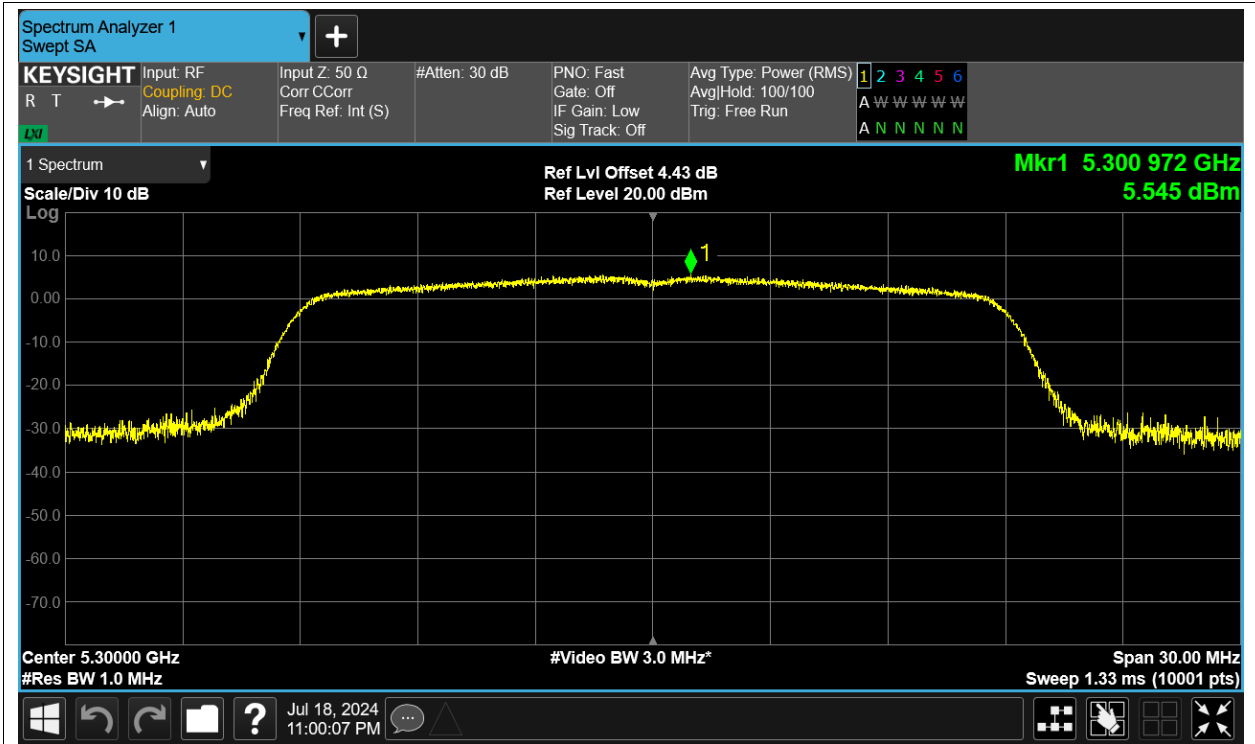
PSD NVNT a 5320MHz Ant14



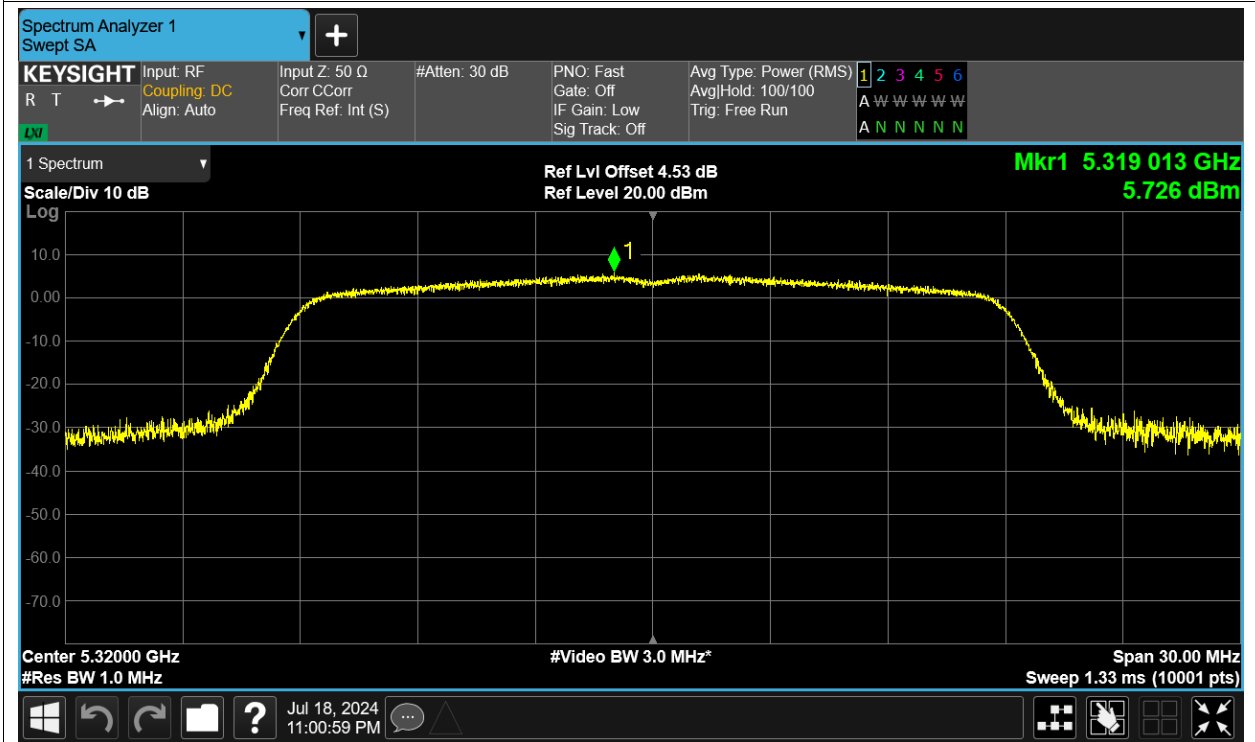
PSD NVNT ac20 5260MHz Ant14



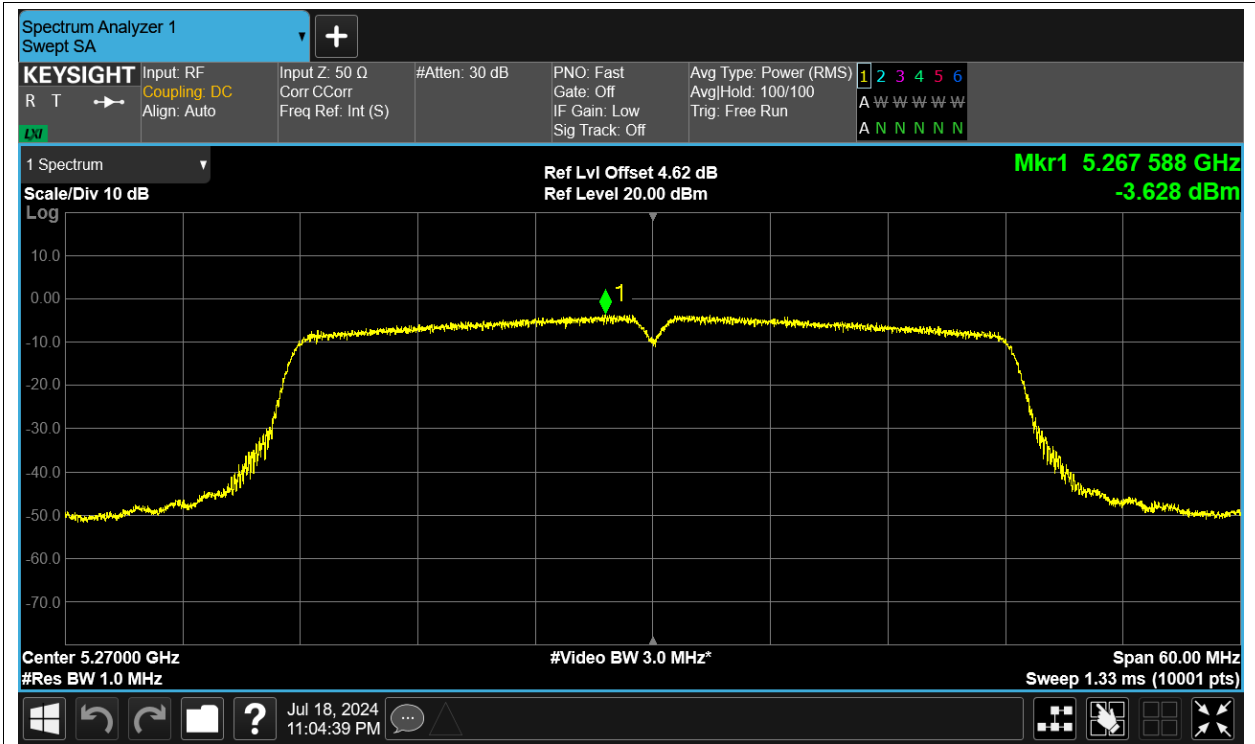
PSD NVNT ac20 5300MHz Ant14



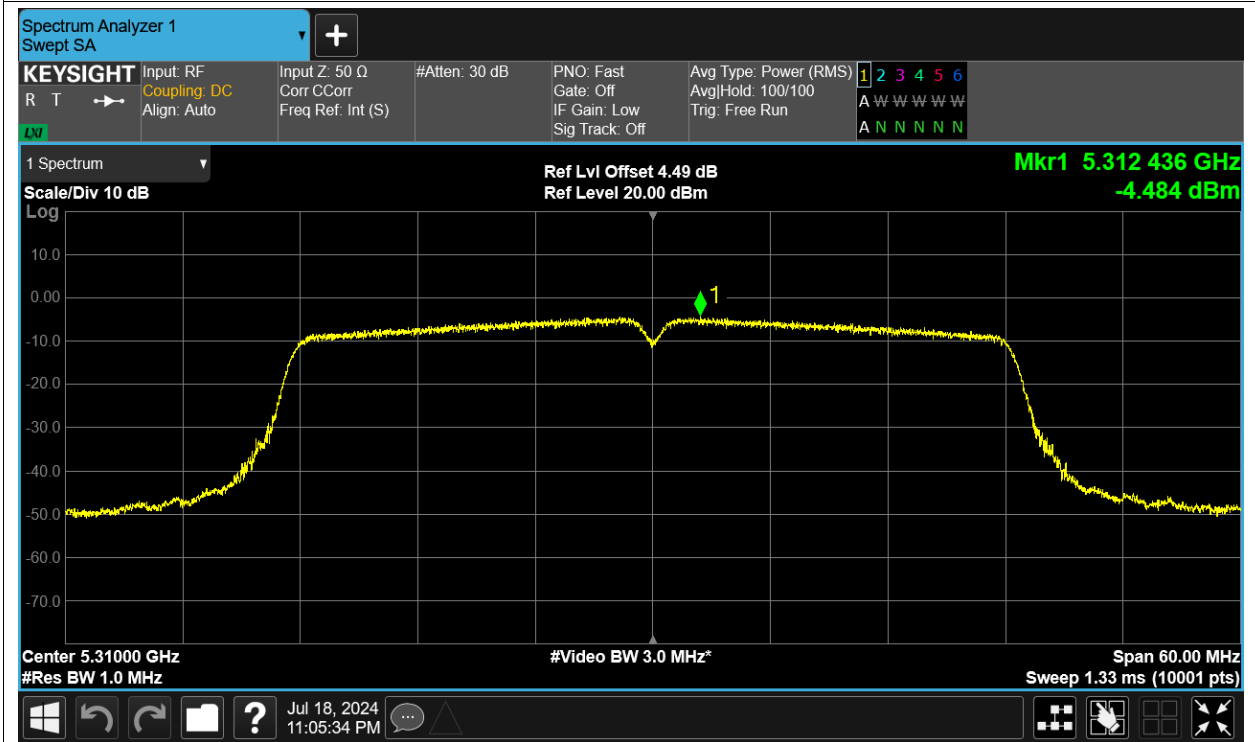
PSD NVNT ac20 5320MHz Ant14



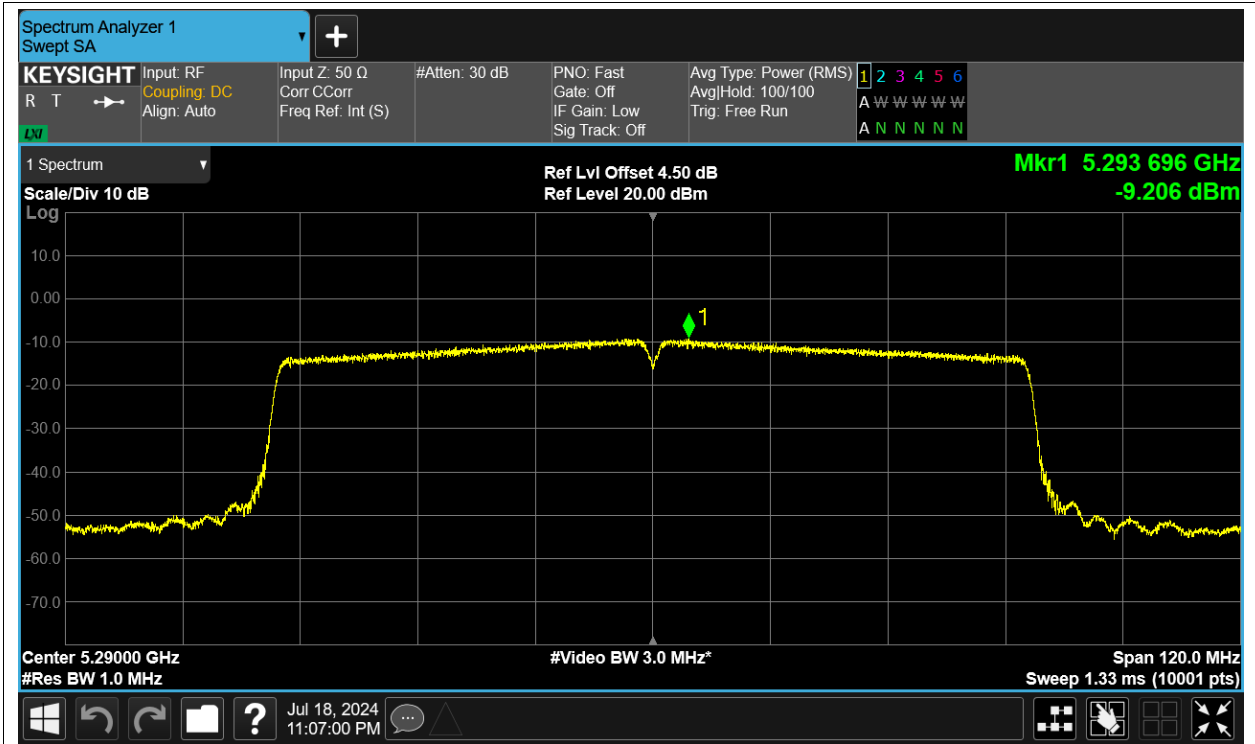
PSD NVNT ac40 5270MHz Ant14



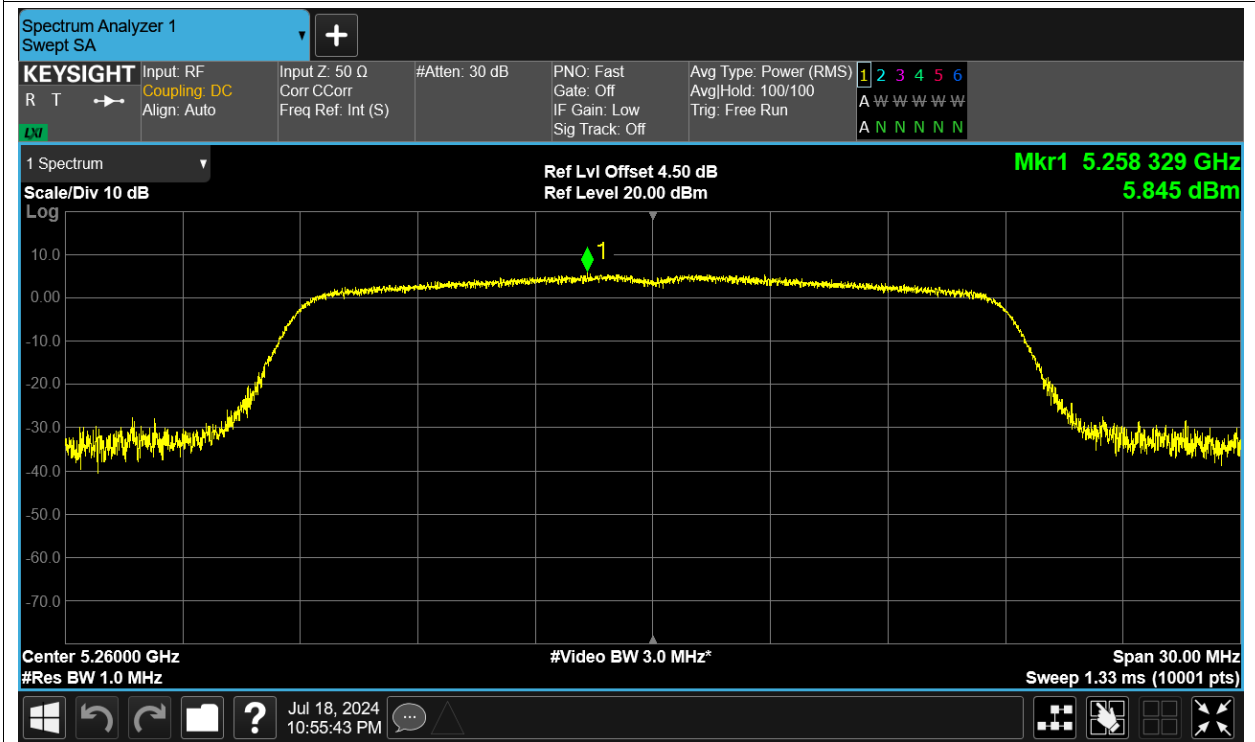
PSD NVNT ac40 5310MHz Ant14



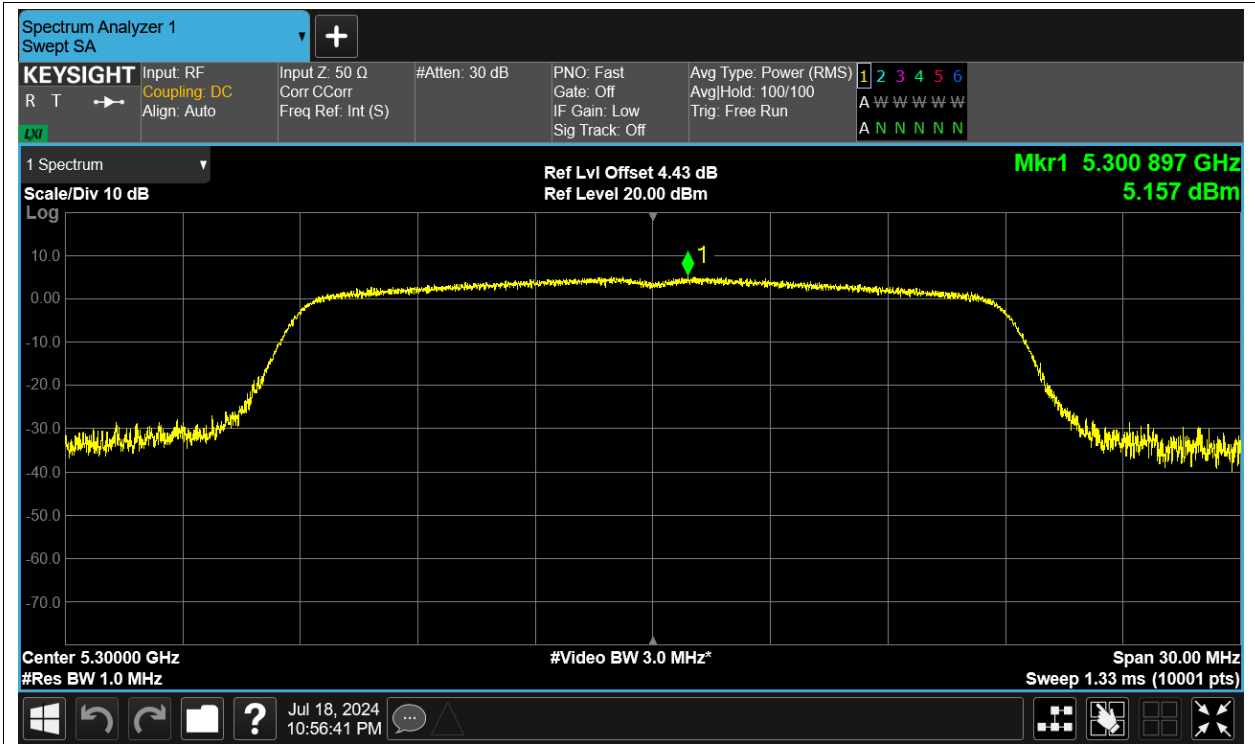
PSD NVNT ac80 5290MHz Ant14



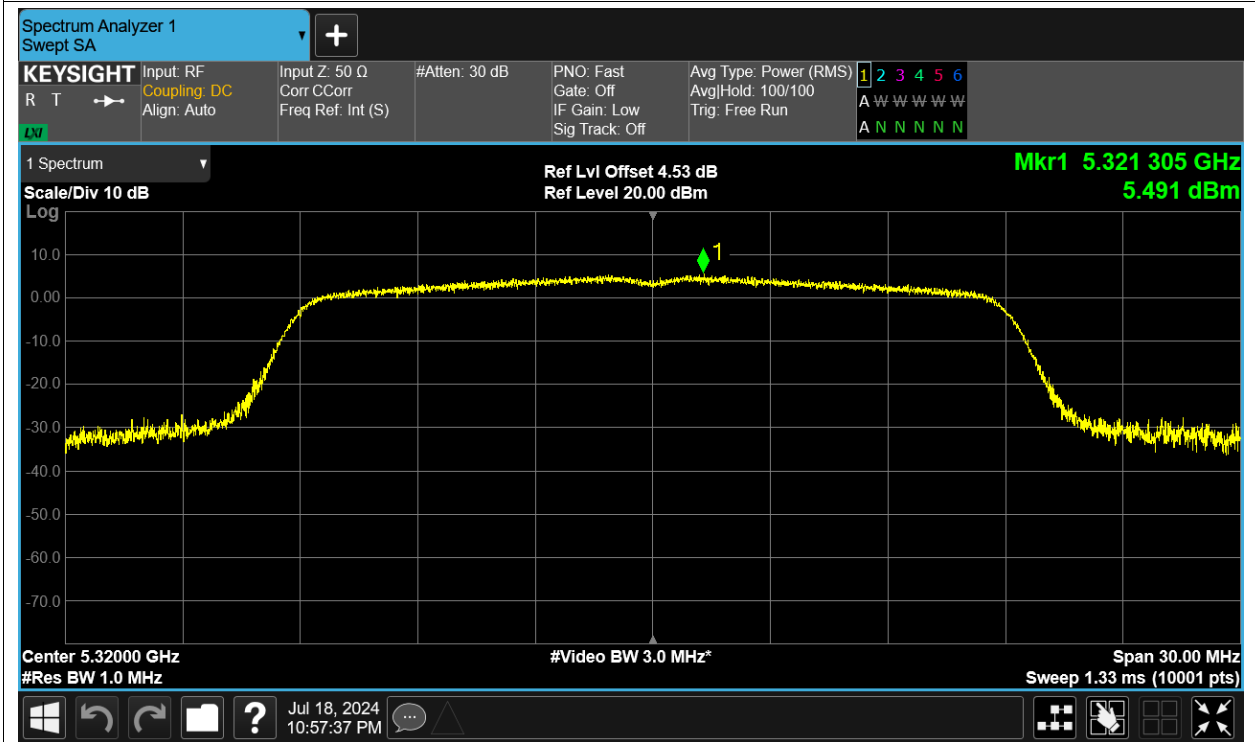
PSD NVNT n20 5260MHz Ant14



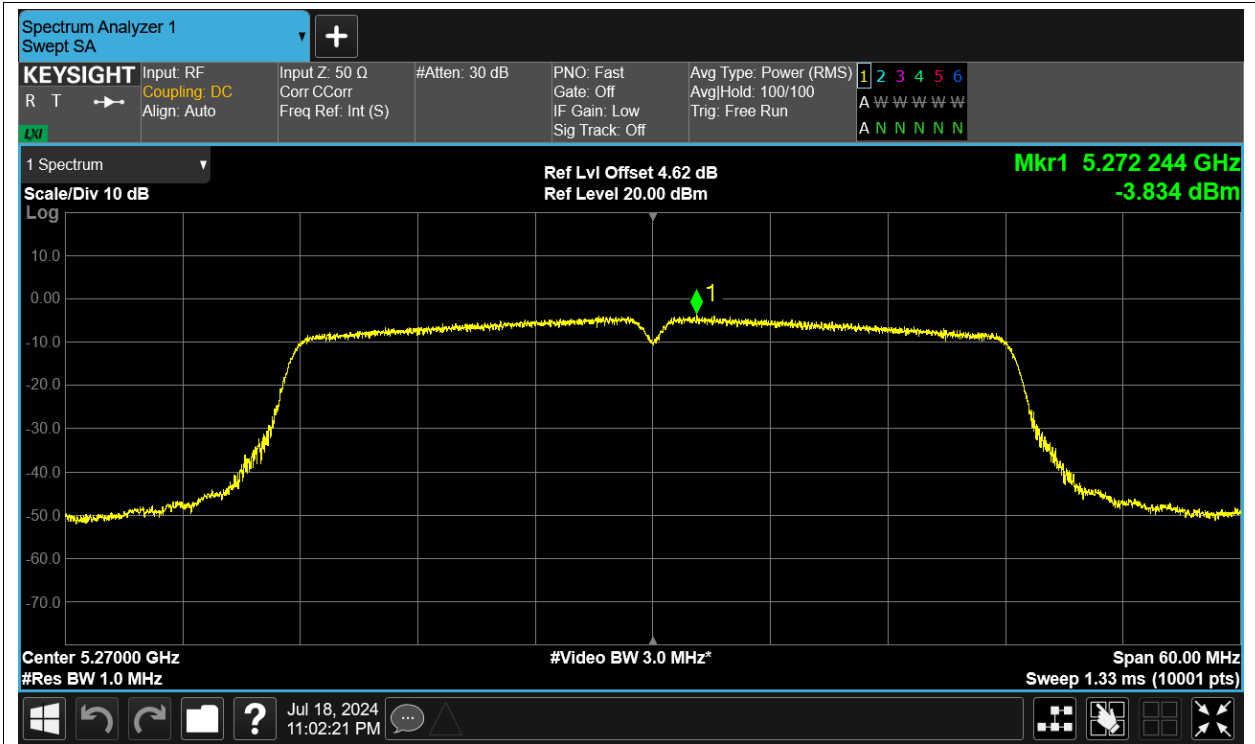
PSD NVNT n20 5300MHz Ant14



PSD NVNT n20 5320MHz Ant14



PSD NVNT n40 5270MHz Ant14



PSD NVNT n40 5310MHz Ant14

