

Test Data

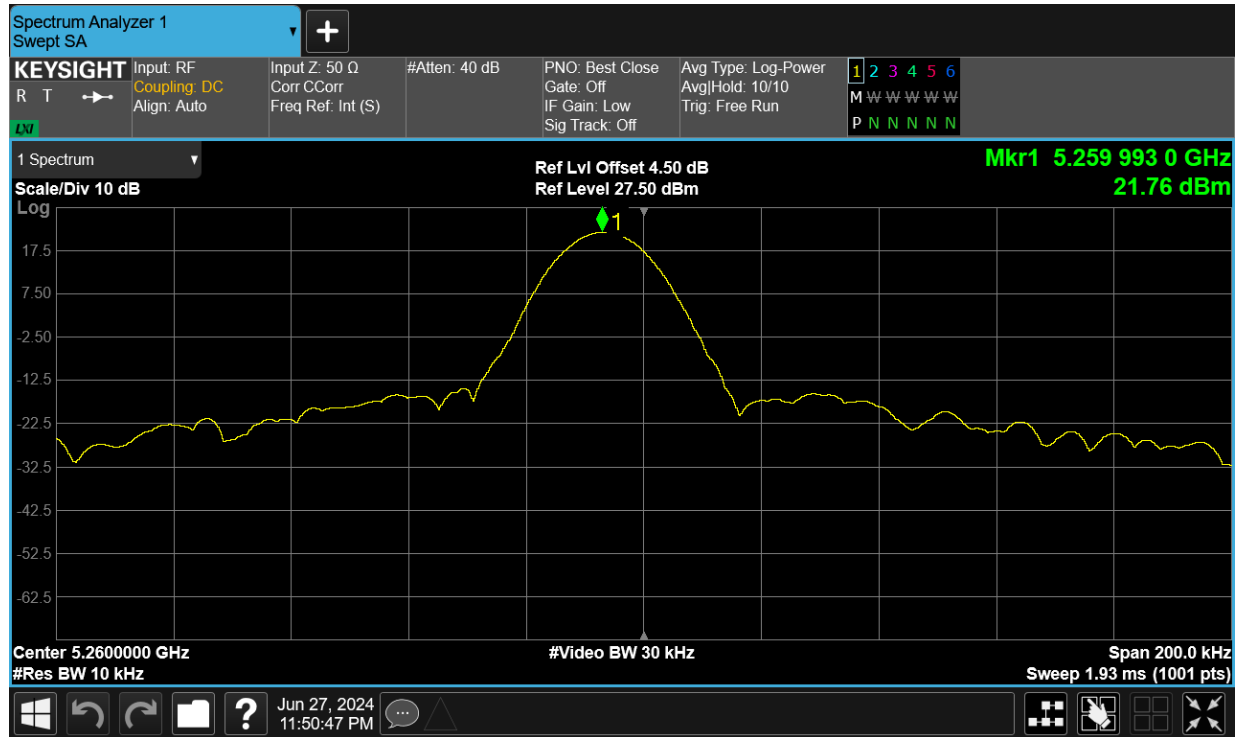
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.993	-1.33	Within authorized band	Pass
LVNT	a	5260	Ant1	5259.9932	-1.29		Pass
NVHT	a	5260	Ant1	5259.9936	-1.22		Pass
NVLT	a	5260	Ant1	5259.9936	-1.22		Pass
NVNT	a	5260	Ant1	5259.9944	-1.06		Pass
HVNT	ac80	5290	Ant1	5289.994	-1.13		Pass
LVNT	ac80	5290	Ant1	5289.9942	-1.1		Pass
NVHT	ac80	5290	Ant1	5289.9944	-1.06		Pass
NVLT	ac80	5290	Ant1	5289.9948	-0.98		Pass
NVNT	ac80	5290	Ant1	5289.9954	-0.87		Pass
LVNT	n40	5270	Ant1	5269.9952	-0.91		Pass
NVHT	n40	5270	Ant1	5269.9956	-0.83		Pass
NVLT	n40	5270	Ant1	5269.9962	-0.72		Pass
NVNT	n40	5270	Ant1	5269.997	-0.57		Pass

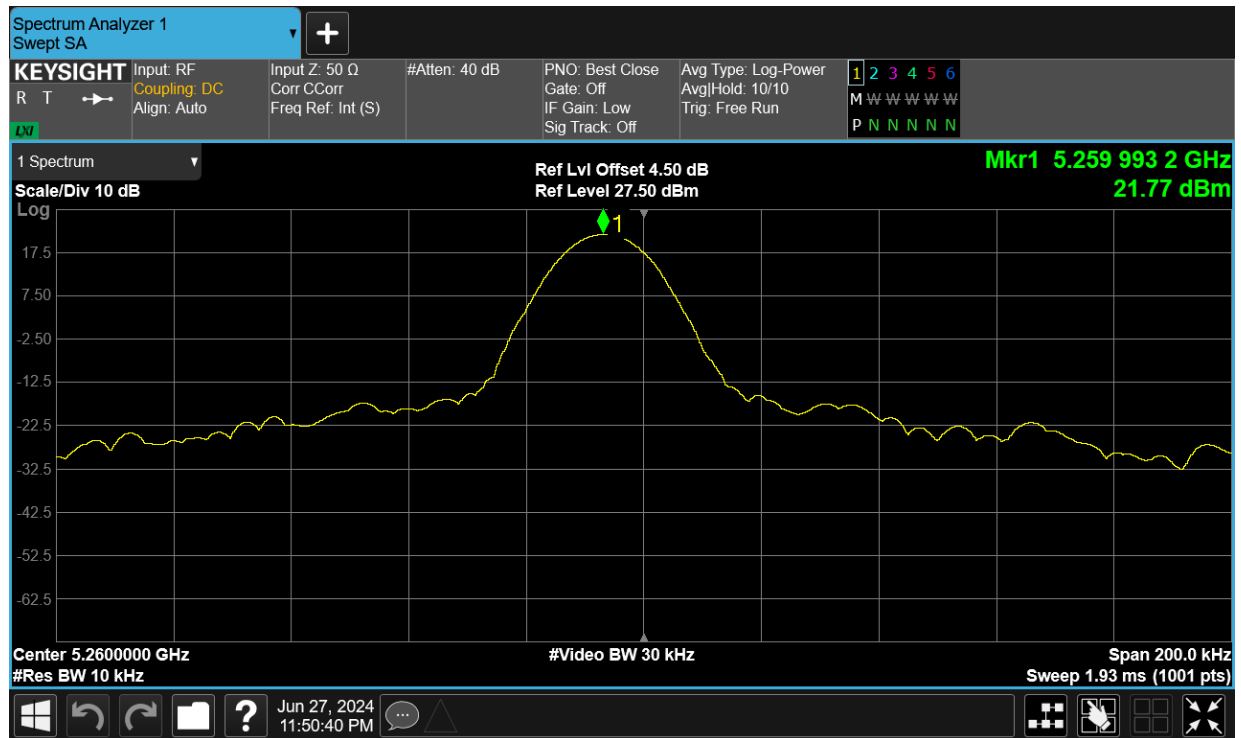
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

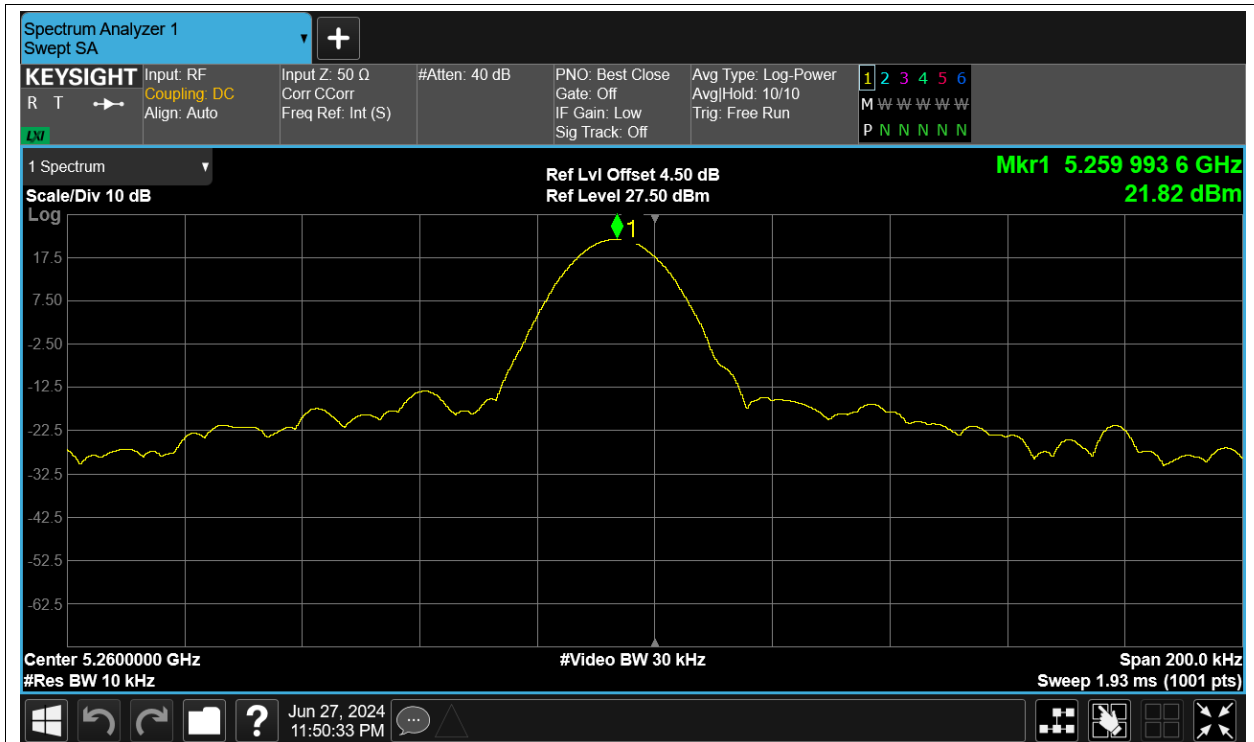
Freq. Stability HVNT a 5260MHz Ant1



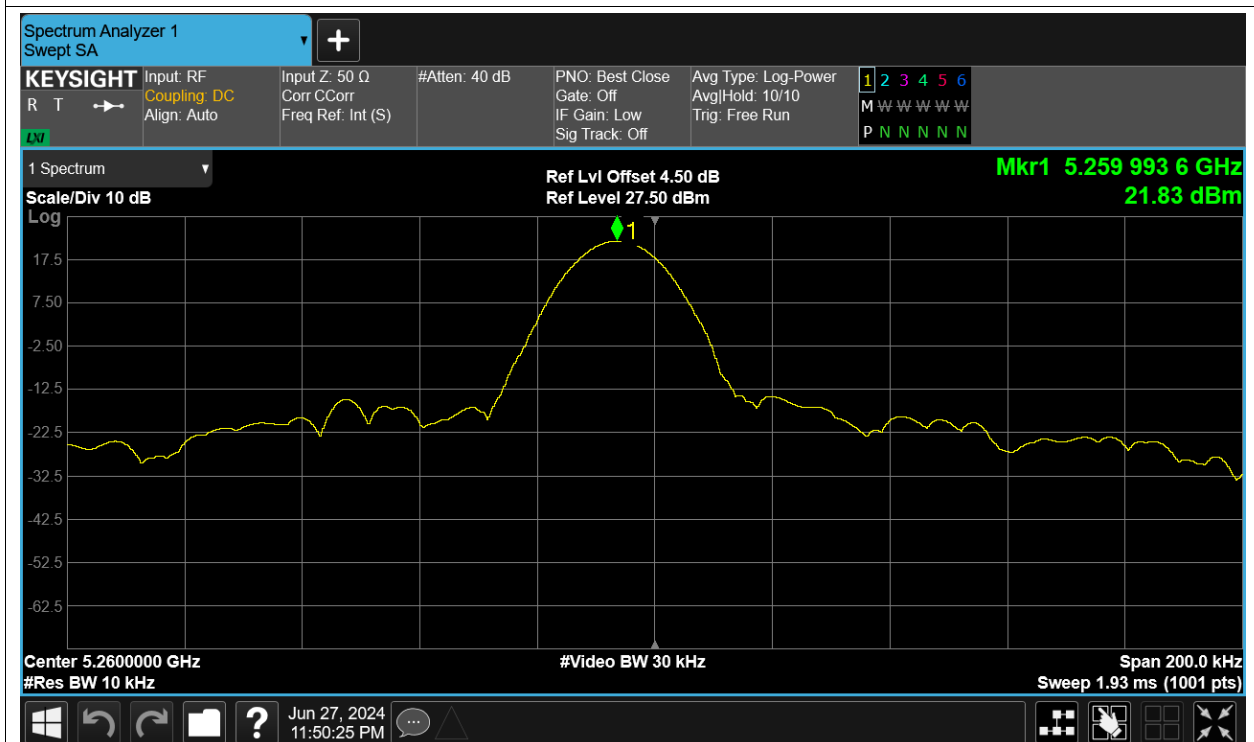
Freq. Stability LVNT a 5260MHz Ant1



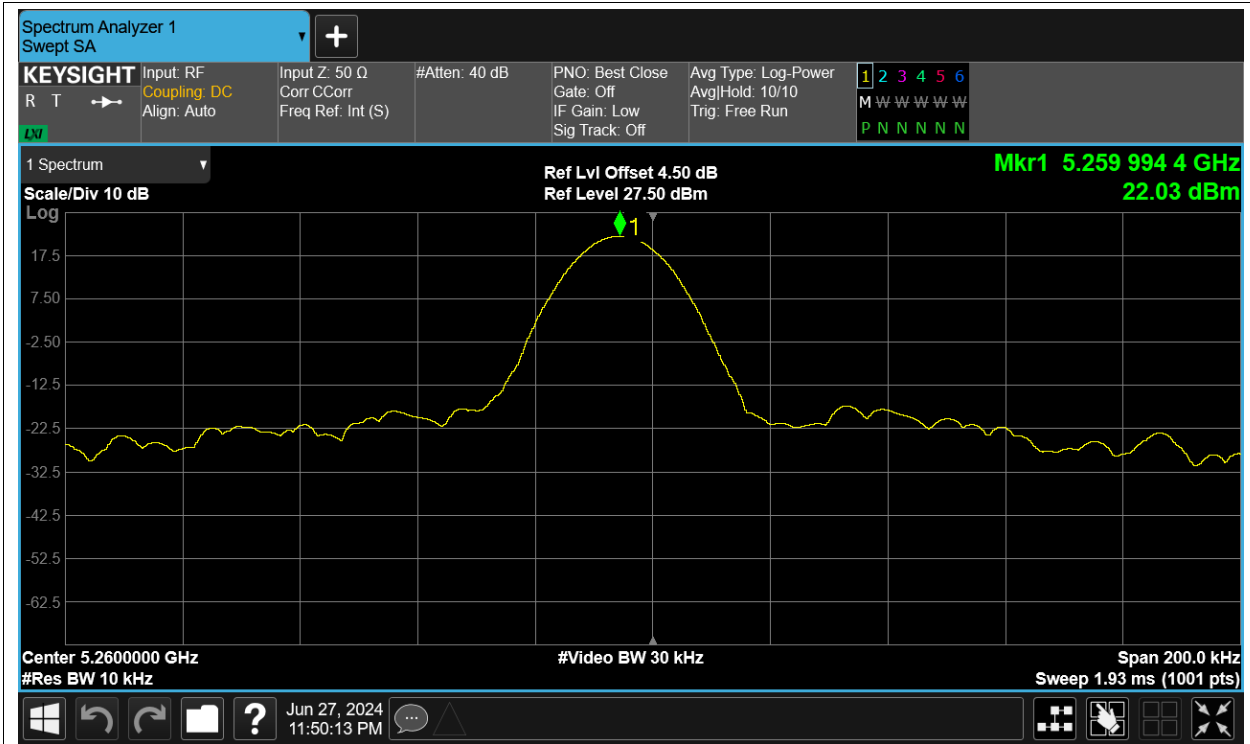
Freq. Stability NVHT a 5260MHz Ant1



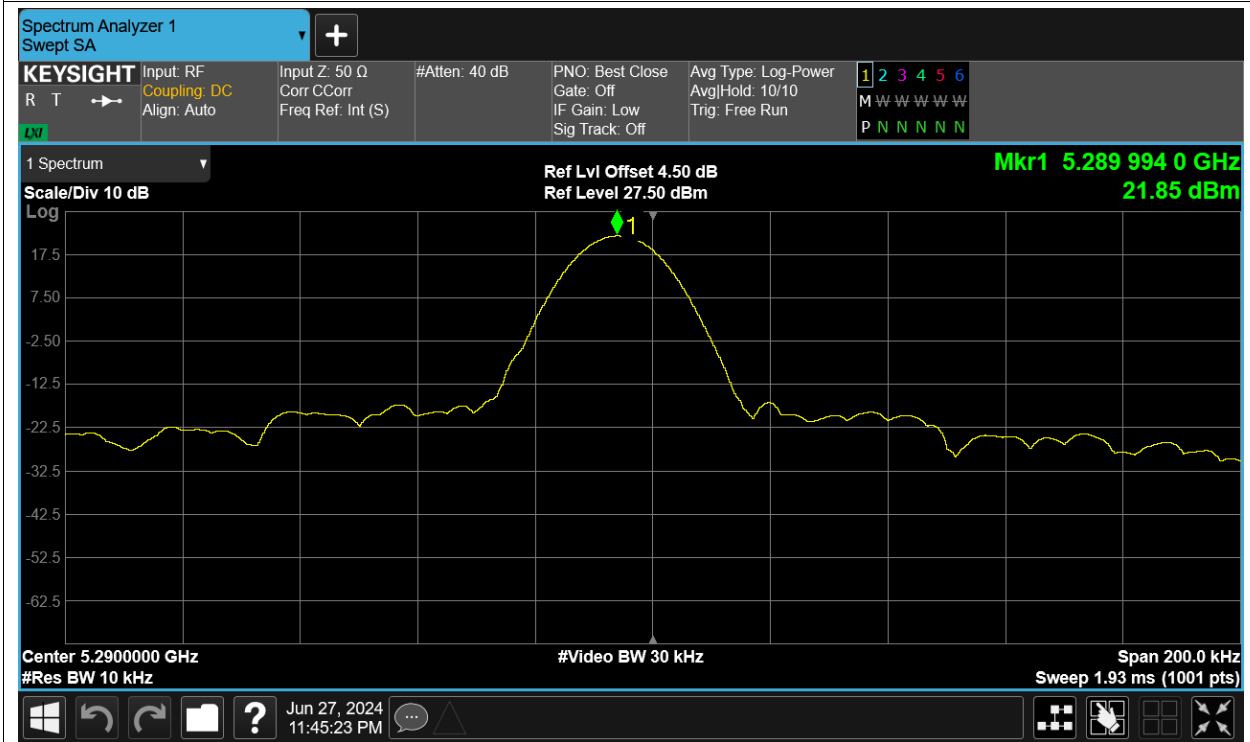
Freq. Stability NVLT a 5260MHz Ant1



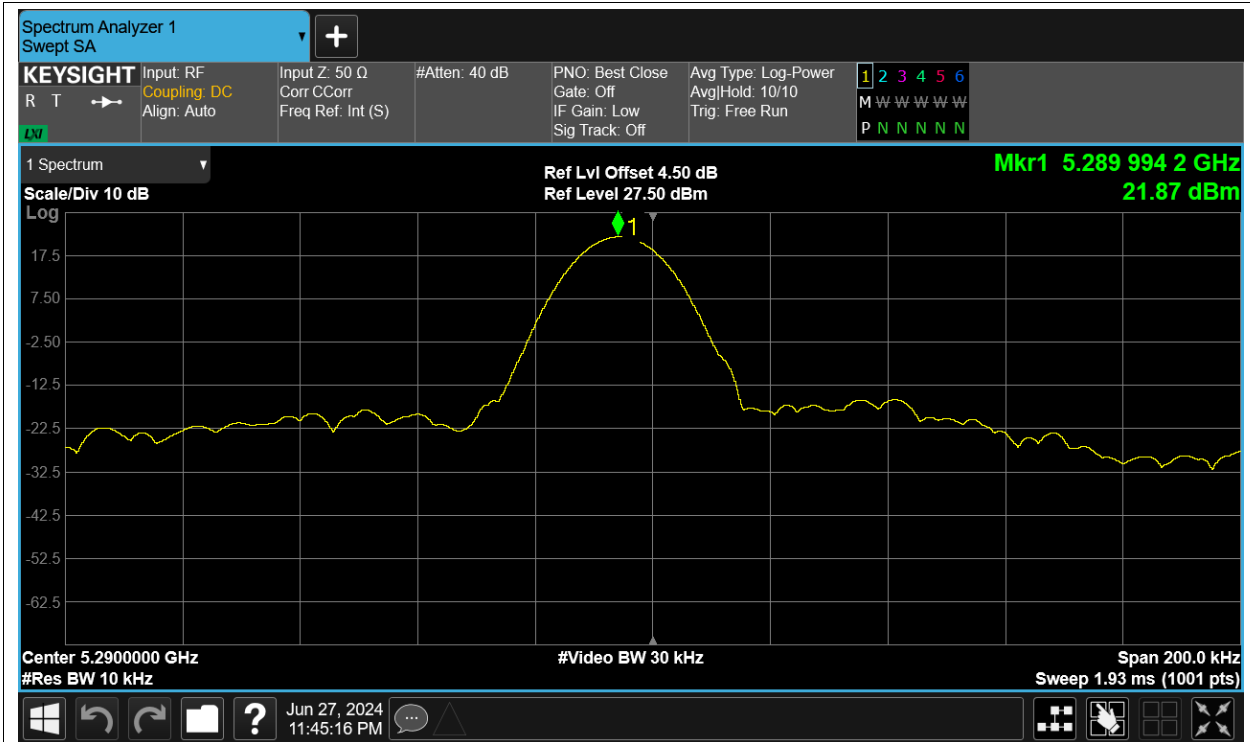
Freq. Stability NVNT a 5260MHz Ant1



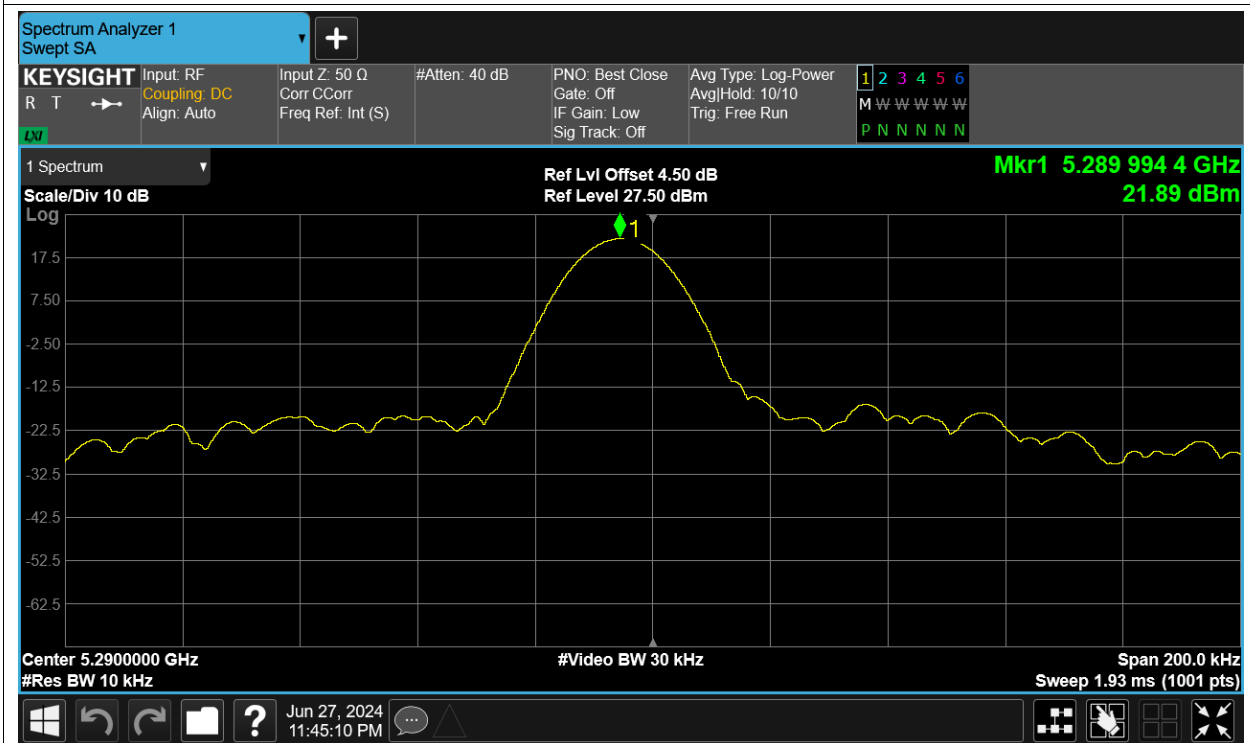
Freq. Stability HVNT ac80 5290MHz Ant1



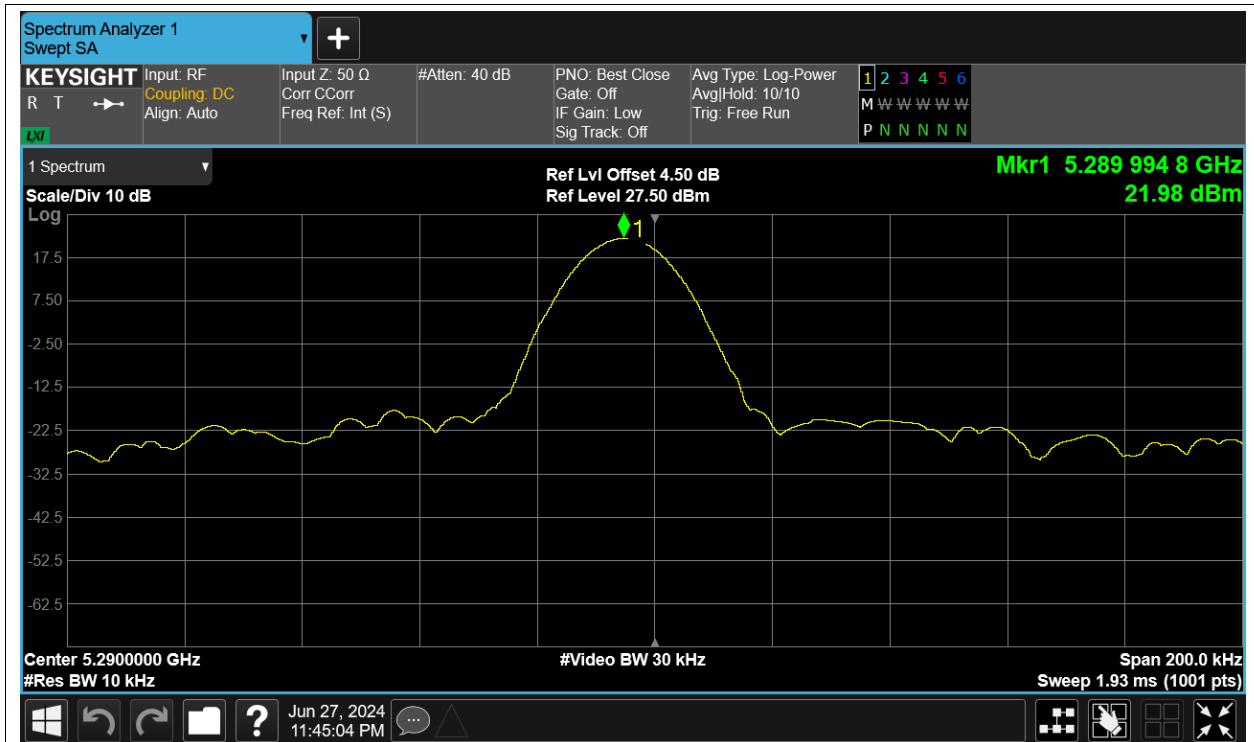
Freq. Stability LVNT ac80 5290MHz Ant1



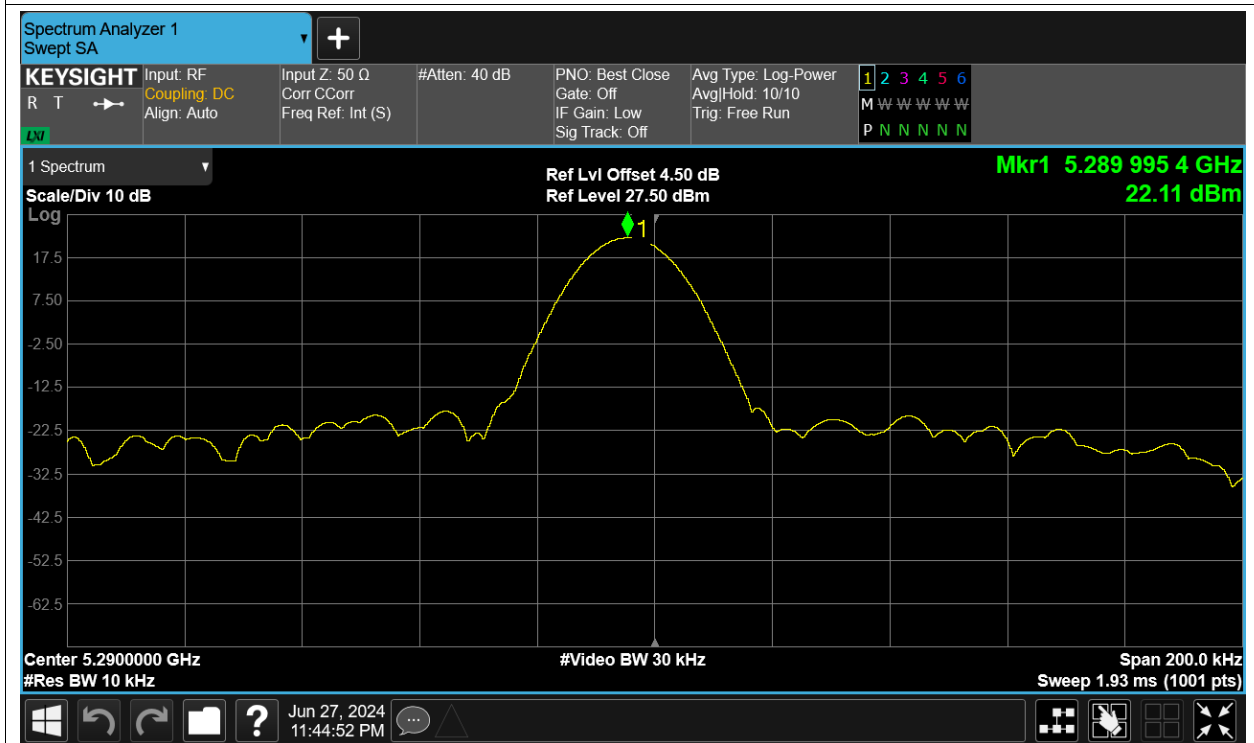
Freq. Stability NVHT ac80 5290MHz Ant1



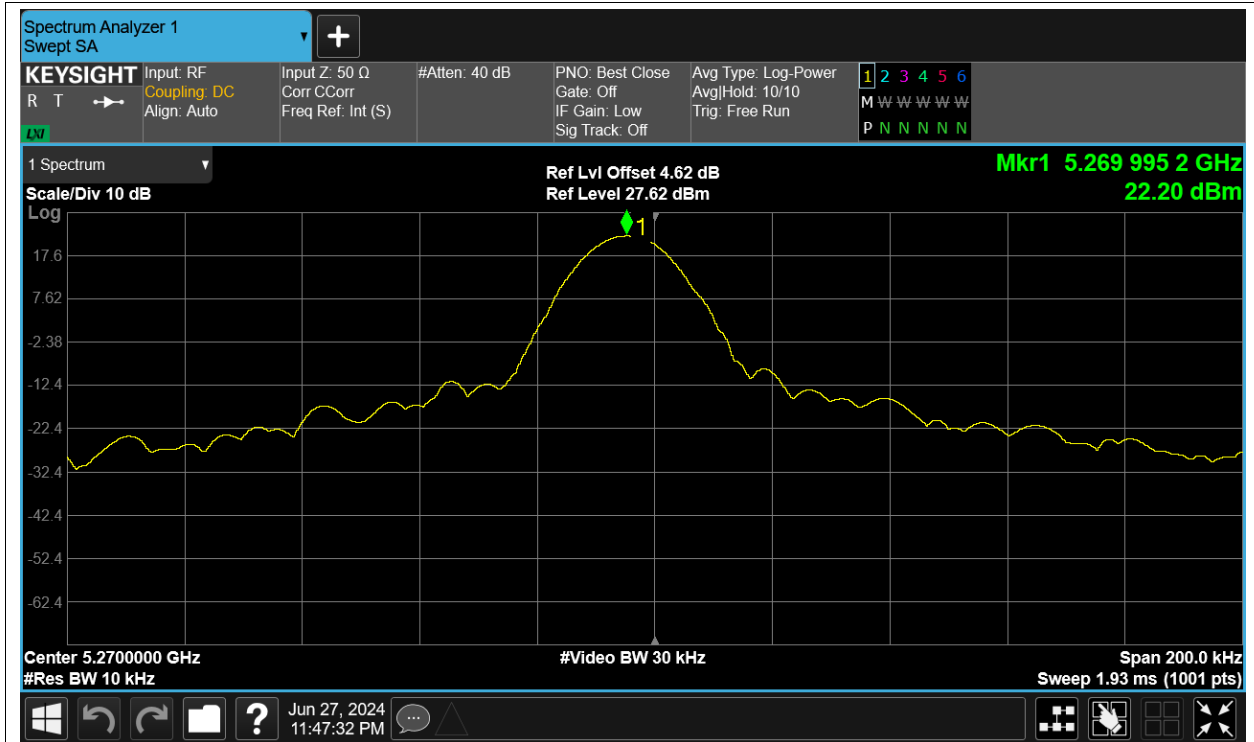
Freq. Stability NVLT ac80 5290MHz Ant1



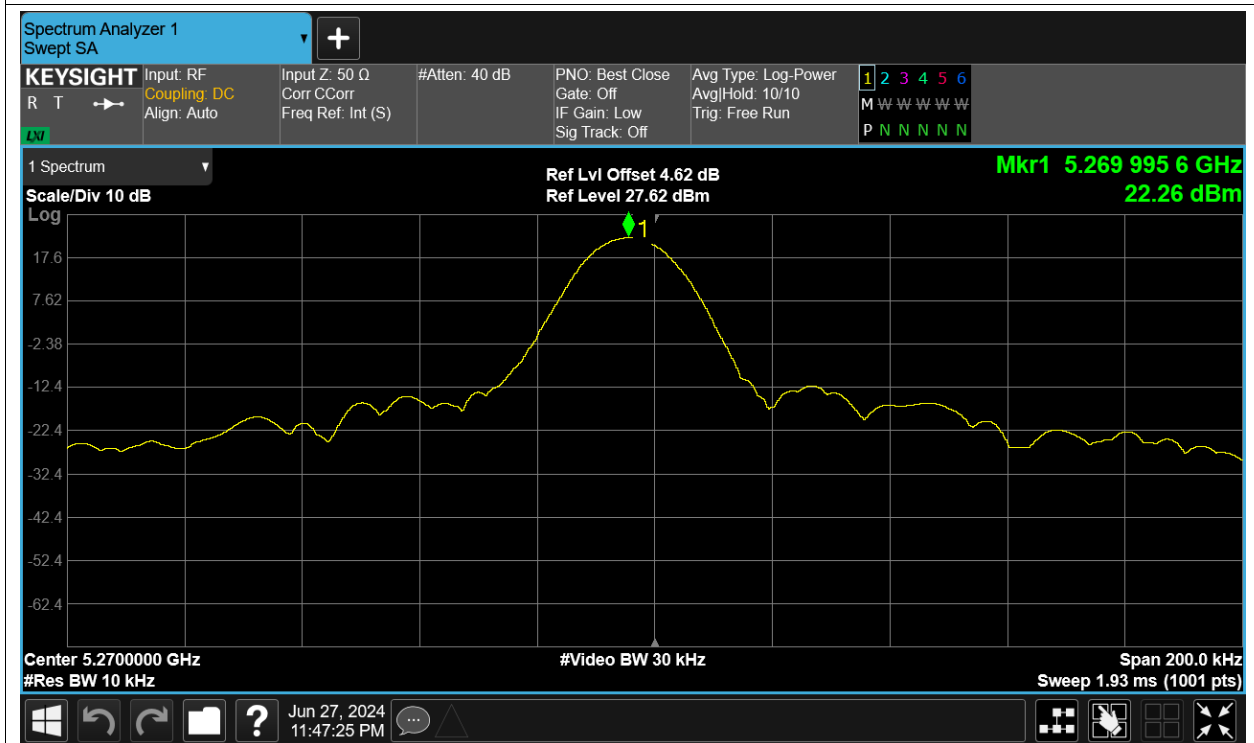
Freq. Stability NVNT ac80 5290MHz Ant1



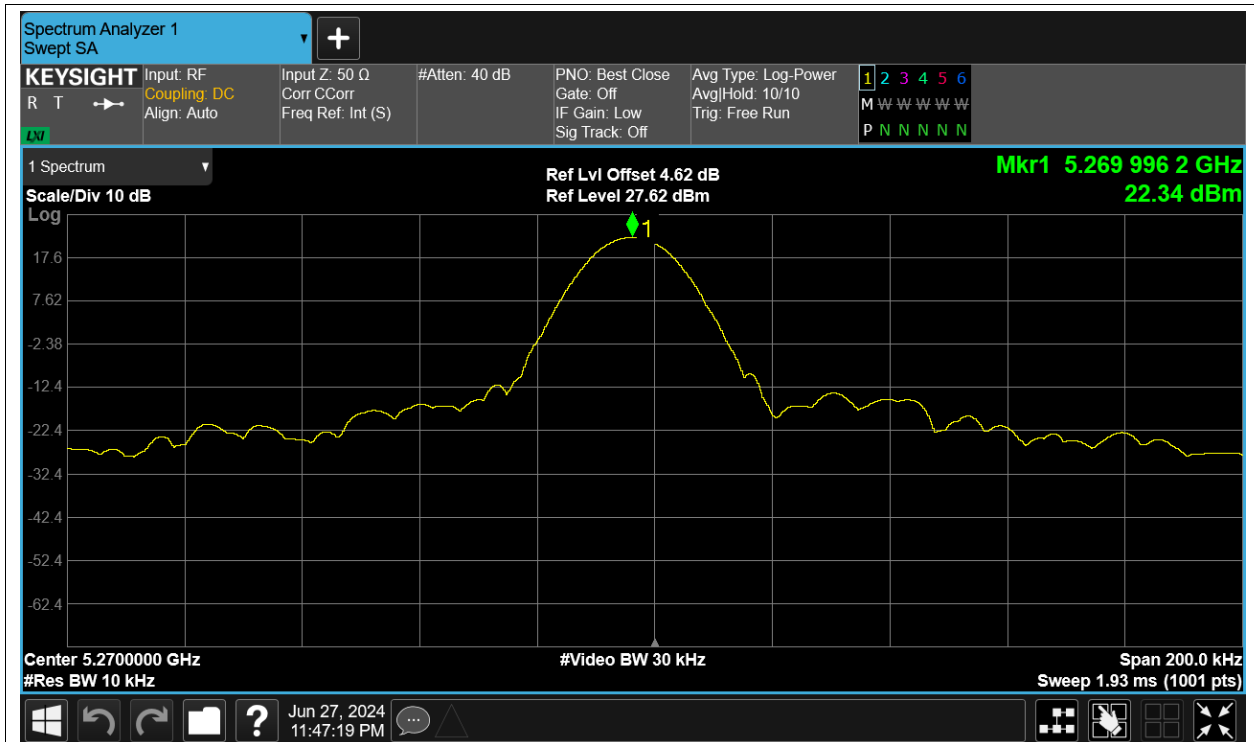
Freq. Stability LVNT n40 5270MHz Ant1



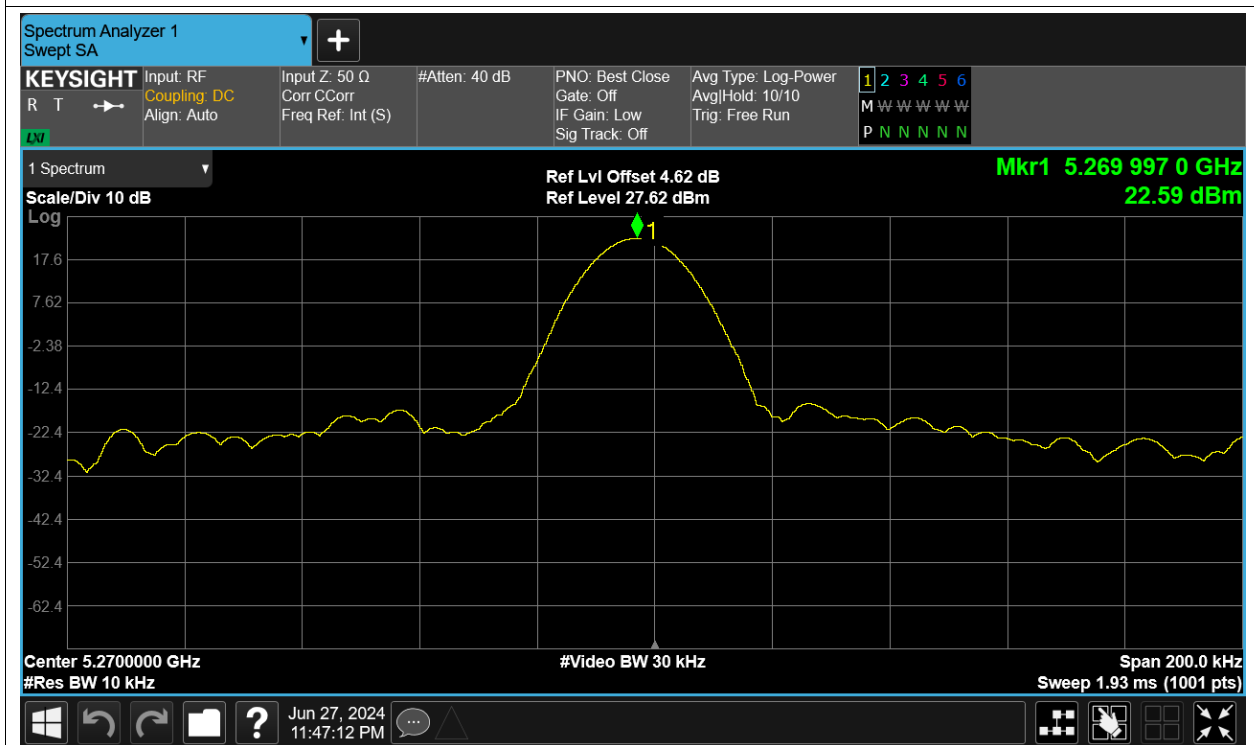
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1

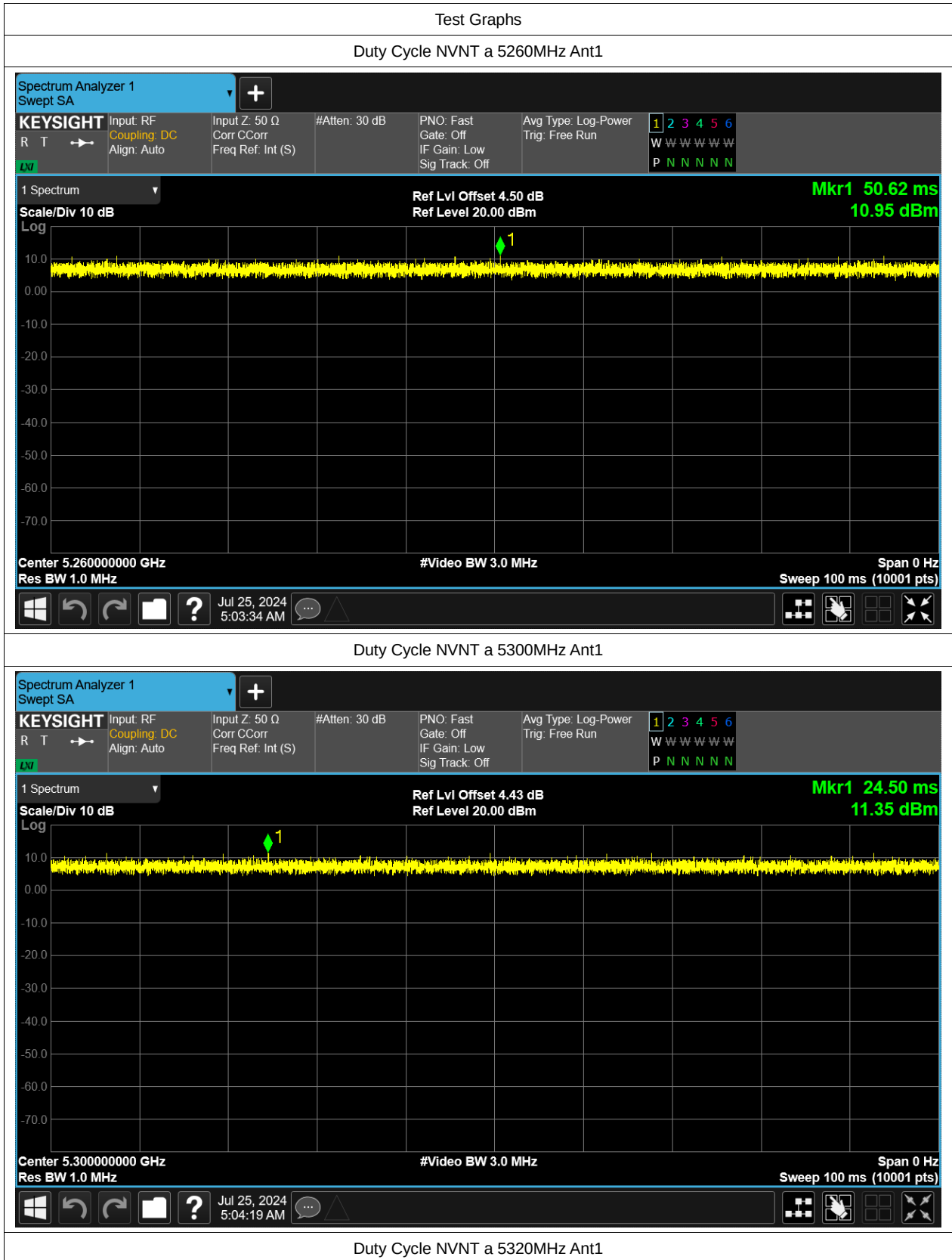


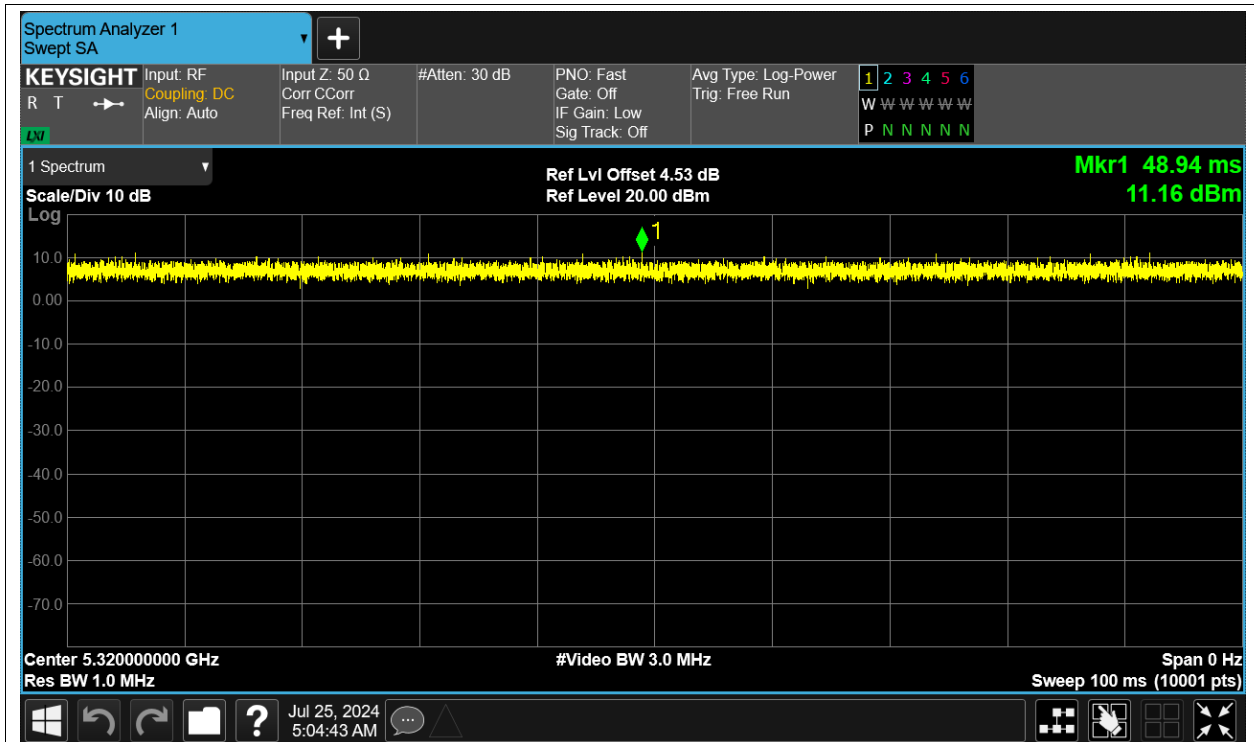
Freq. Stability NVNT n40 5270MHz Ant1



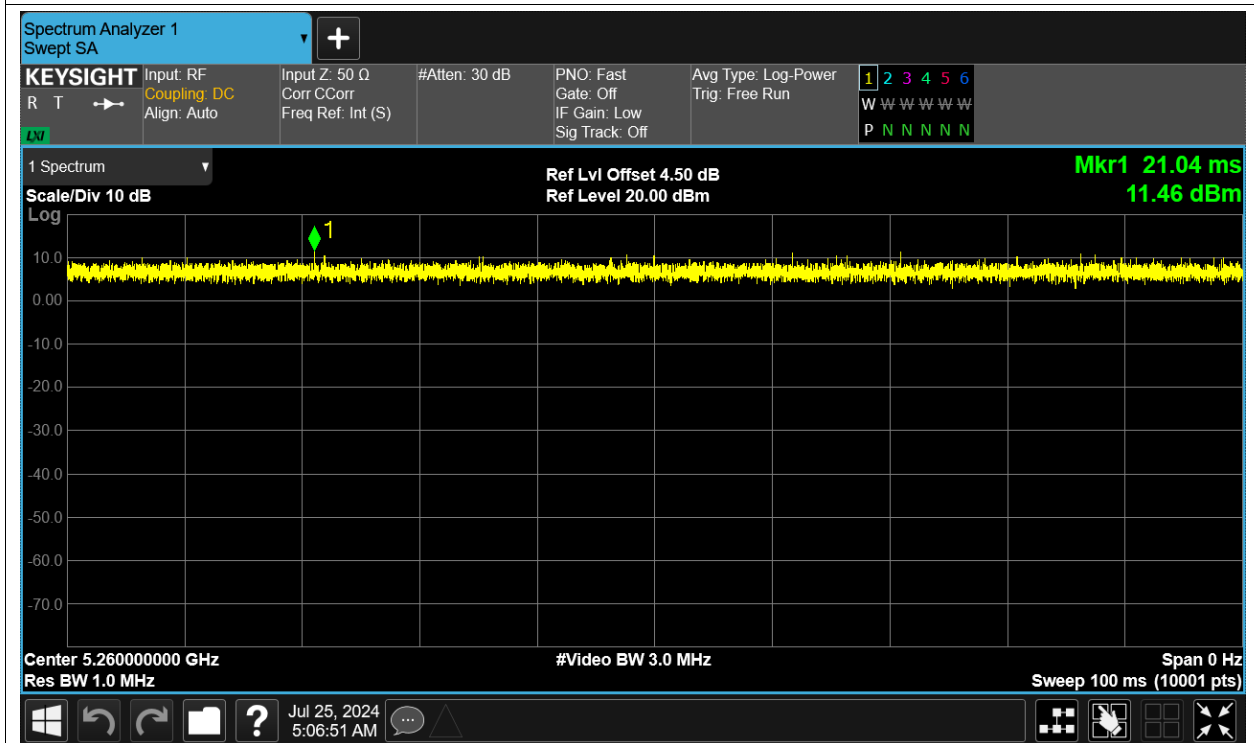
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	100	0
NVNT	a	5300	Ant1	100	0
NVNT	a	5320	Ant1	100	0
NVNT	ac20	5260	Ant1	100	0
NVNT	ac20	5300	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	5300	Ant1	100	0
NVNT	n20	5320	Ant1	100	0
NVNT	n40	5270	Ant1	100	0
NVNT	n40	5310	Ant1	100	0

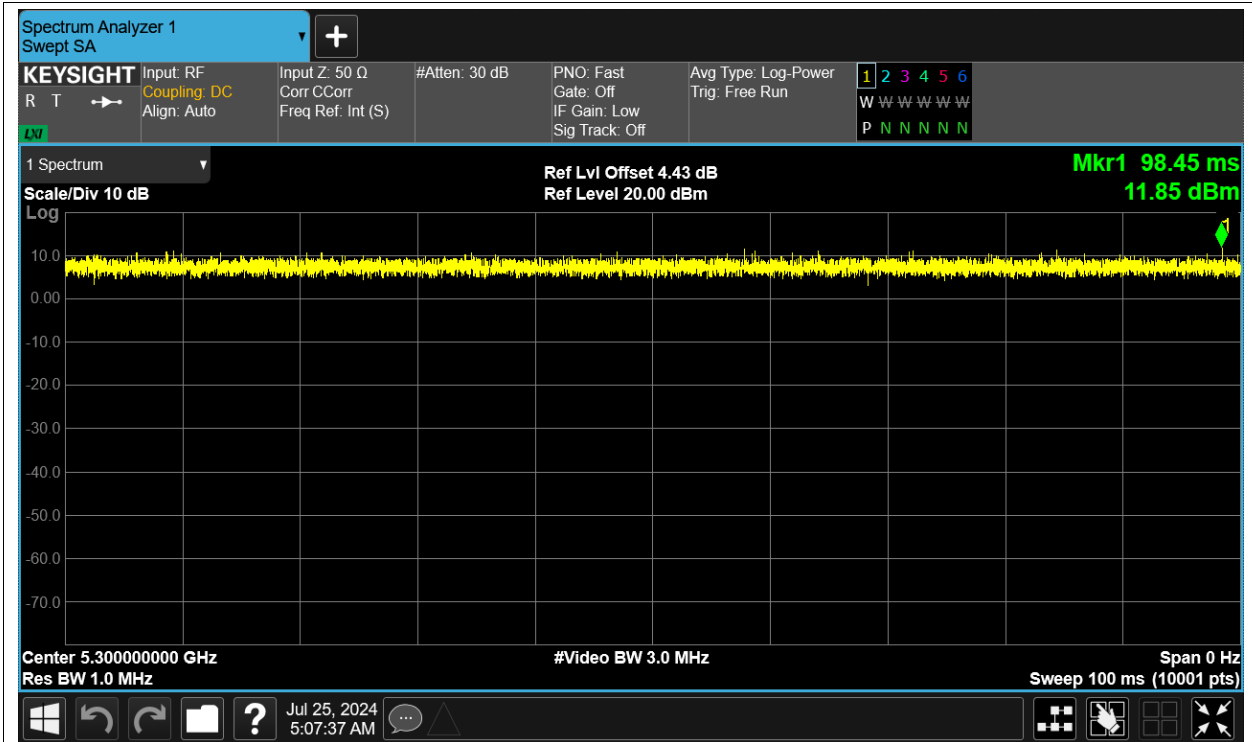




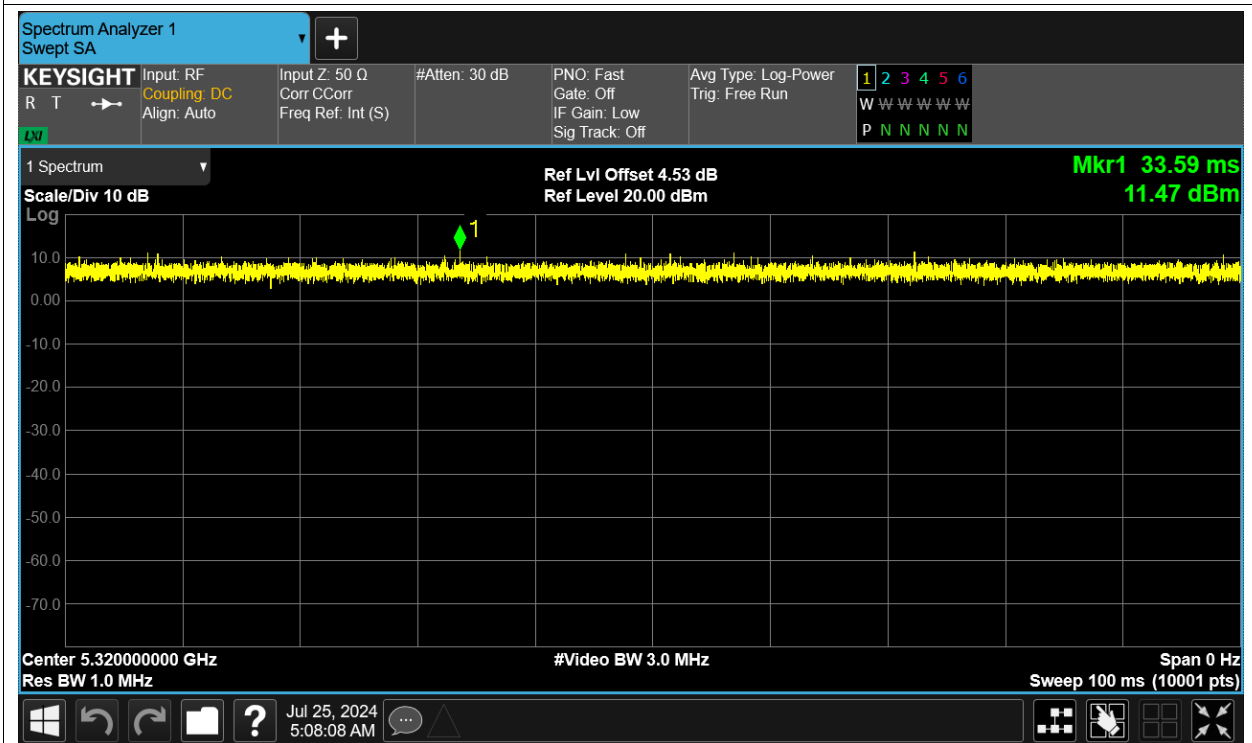
Duty Cycle NVNT ac20 5260MHz Ant1



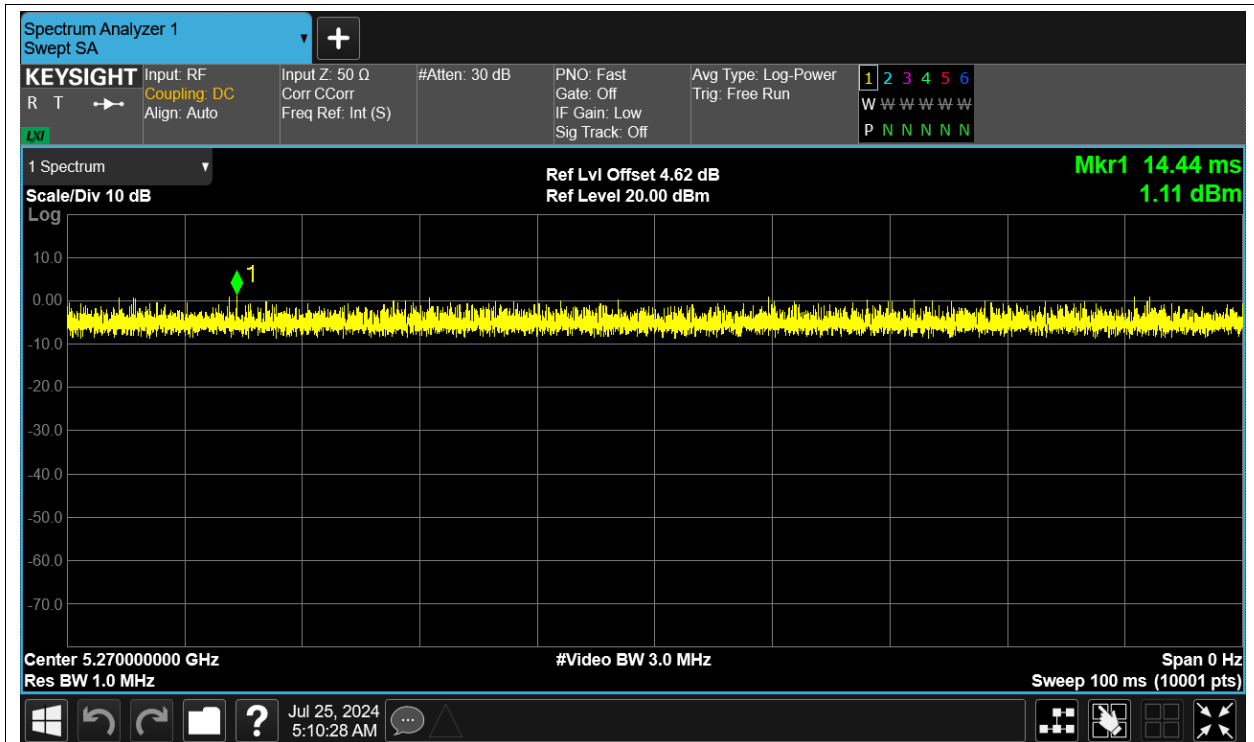
Duty Cycle NVNT ac20 5300MHz Ant1



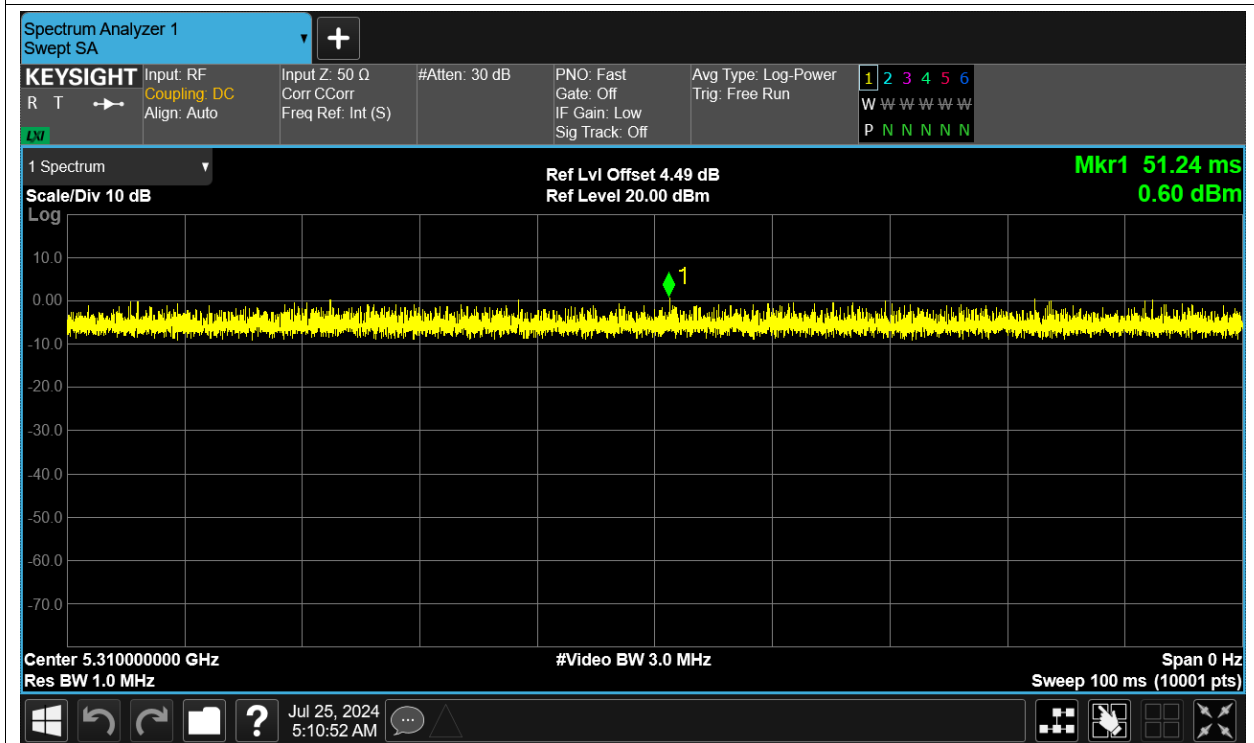
Duty Cycle NVNT ac20 5320MHz Ant1



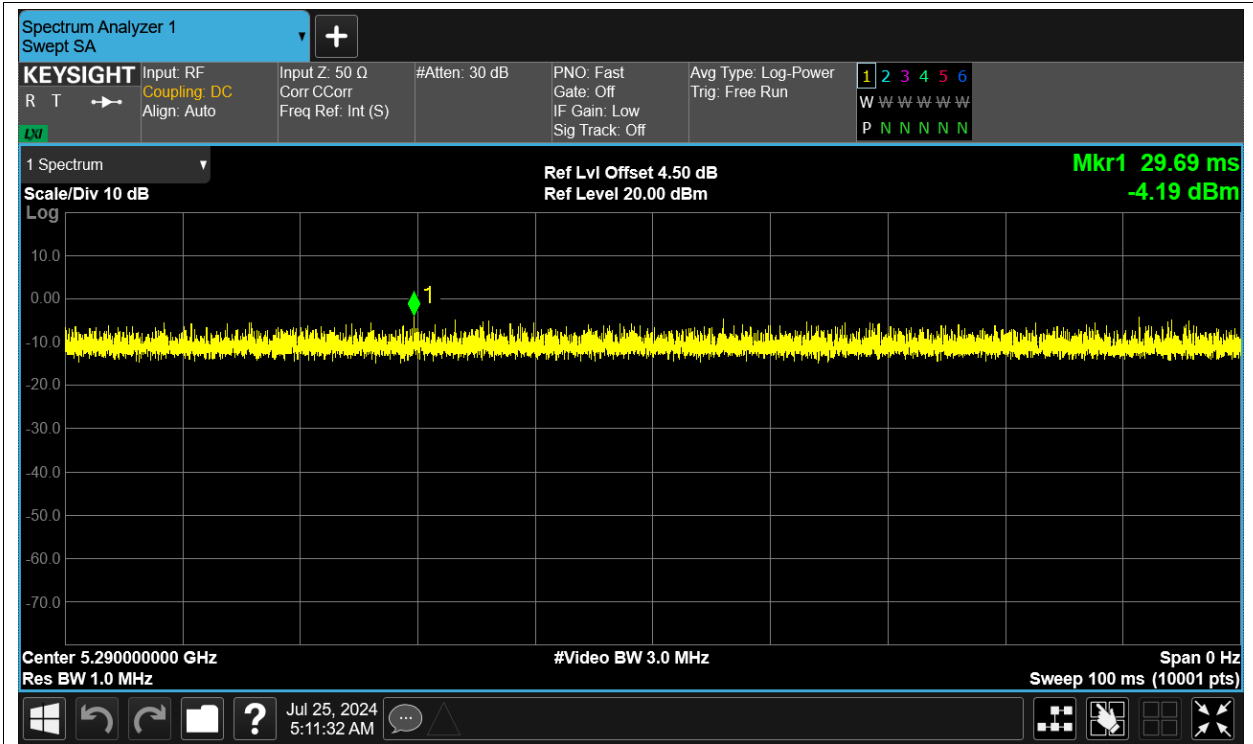
Duty Cycle NVNT ac40 5270MHz Ant1



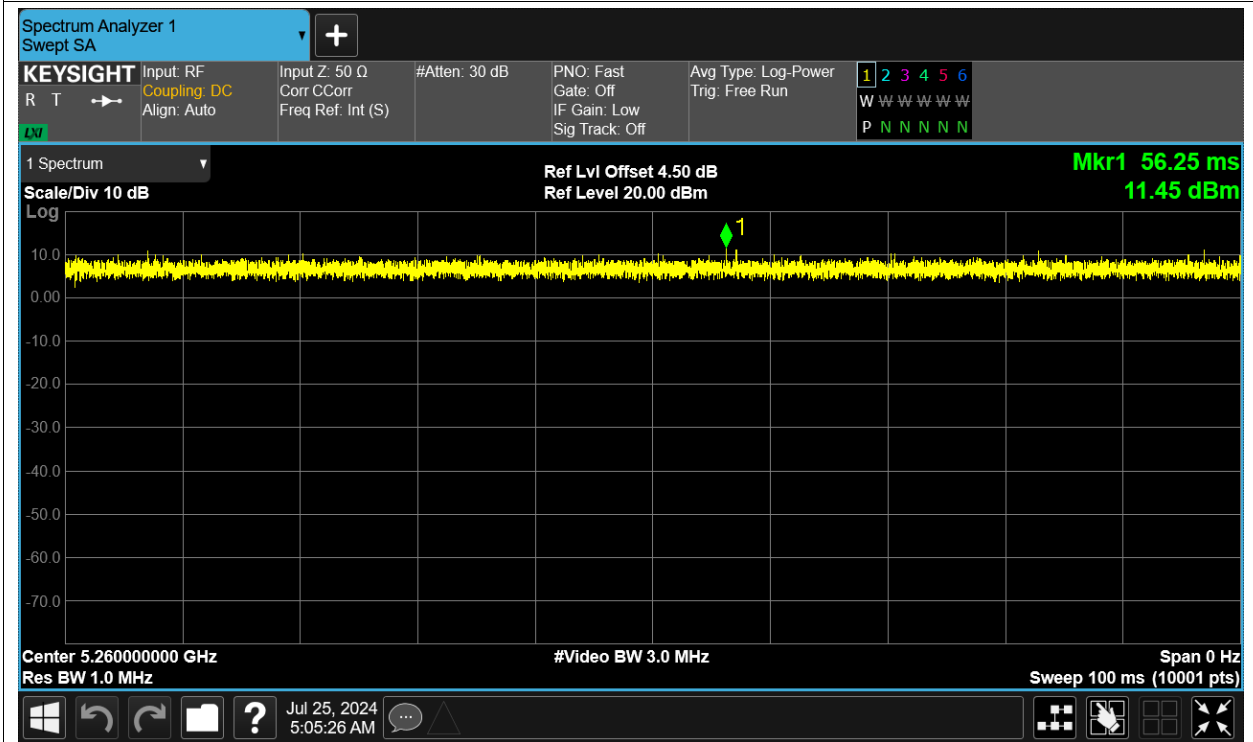
Duty Cycle NVNT ac40 5310MHz Ant1



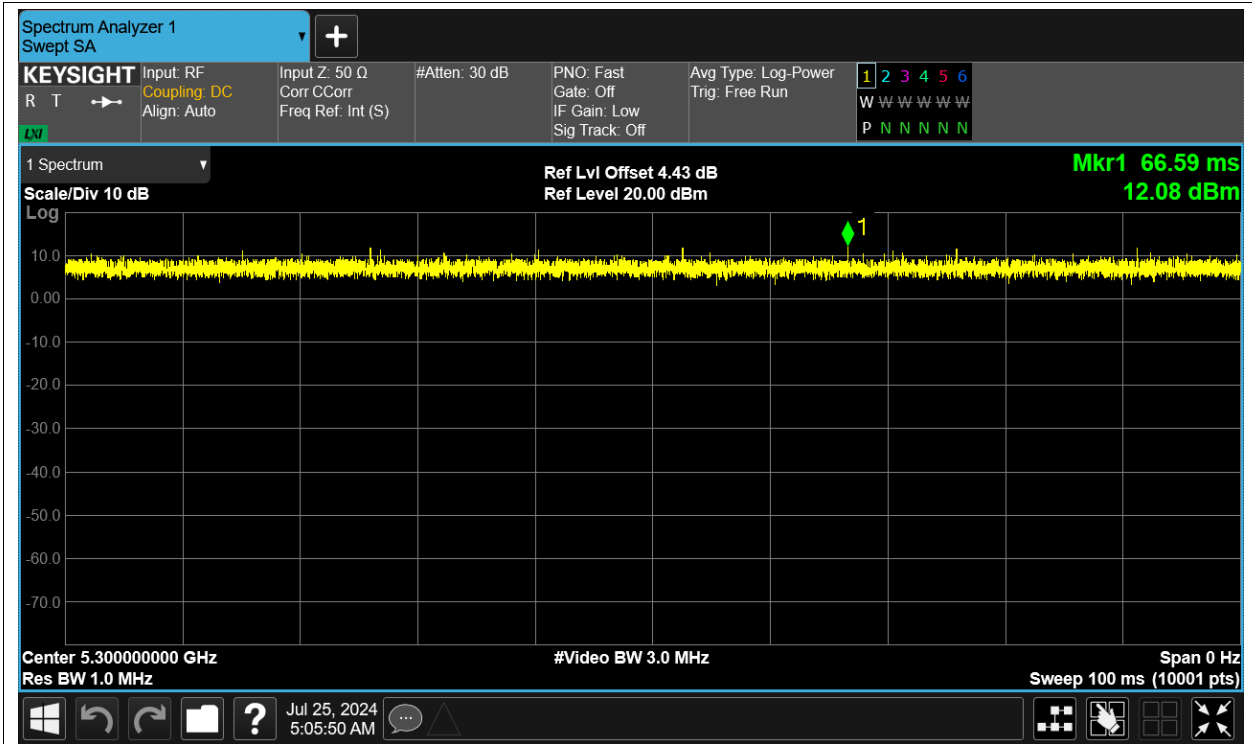
Duty Cycle NVNT ac80 5290MHz Ant1



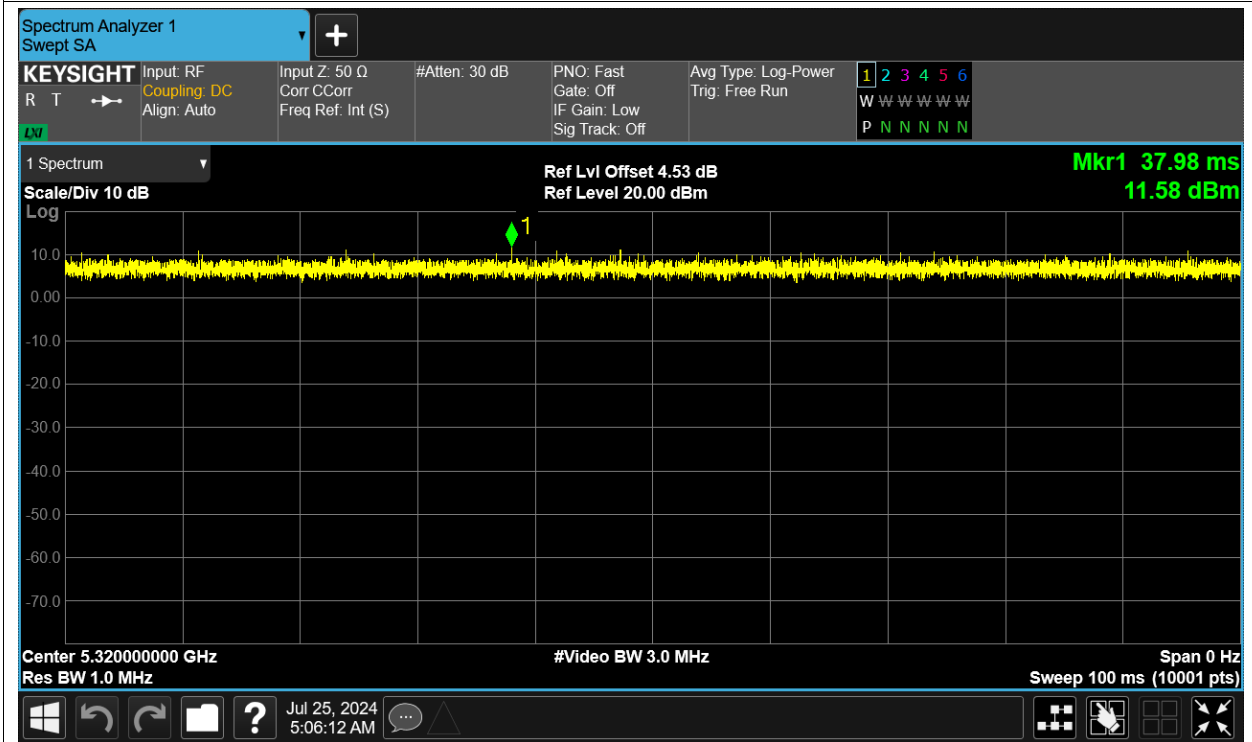
Duty Cycle NVNT n20 5260MHz Ant1



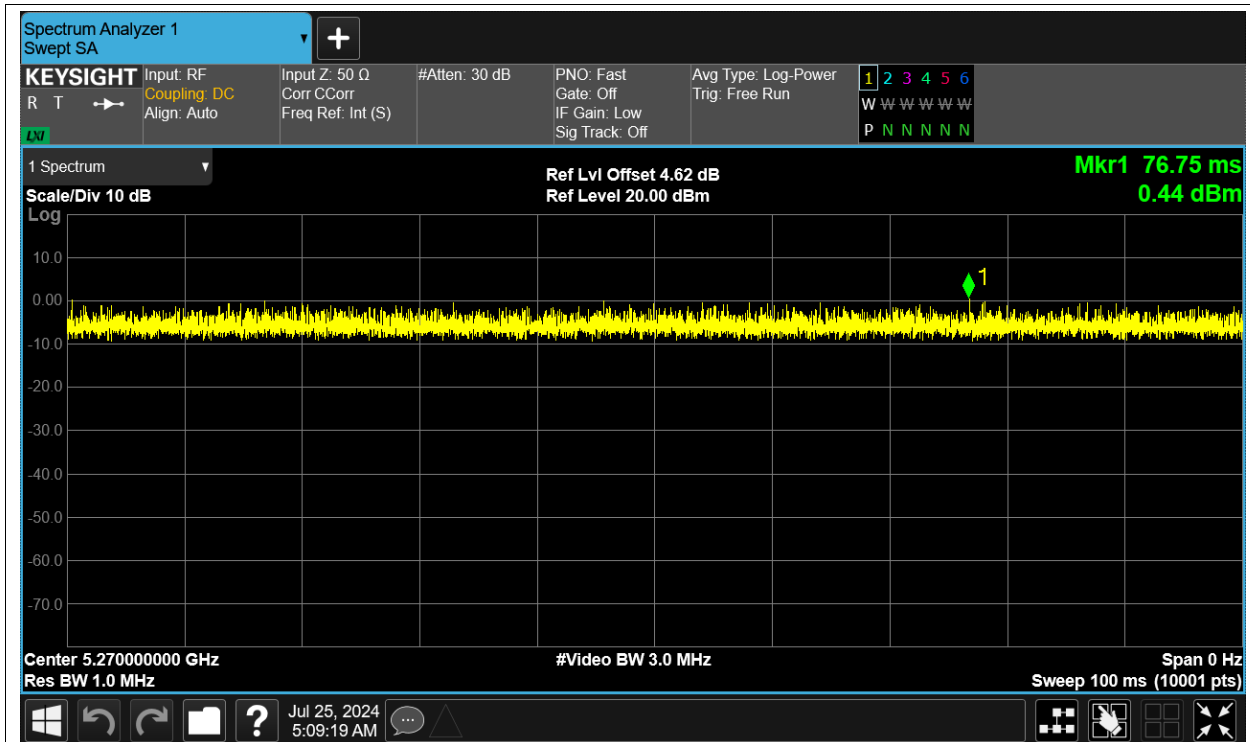
Duty Cycle NVNT n20 5300MHz Ant1



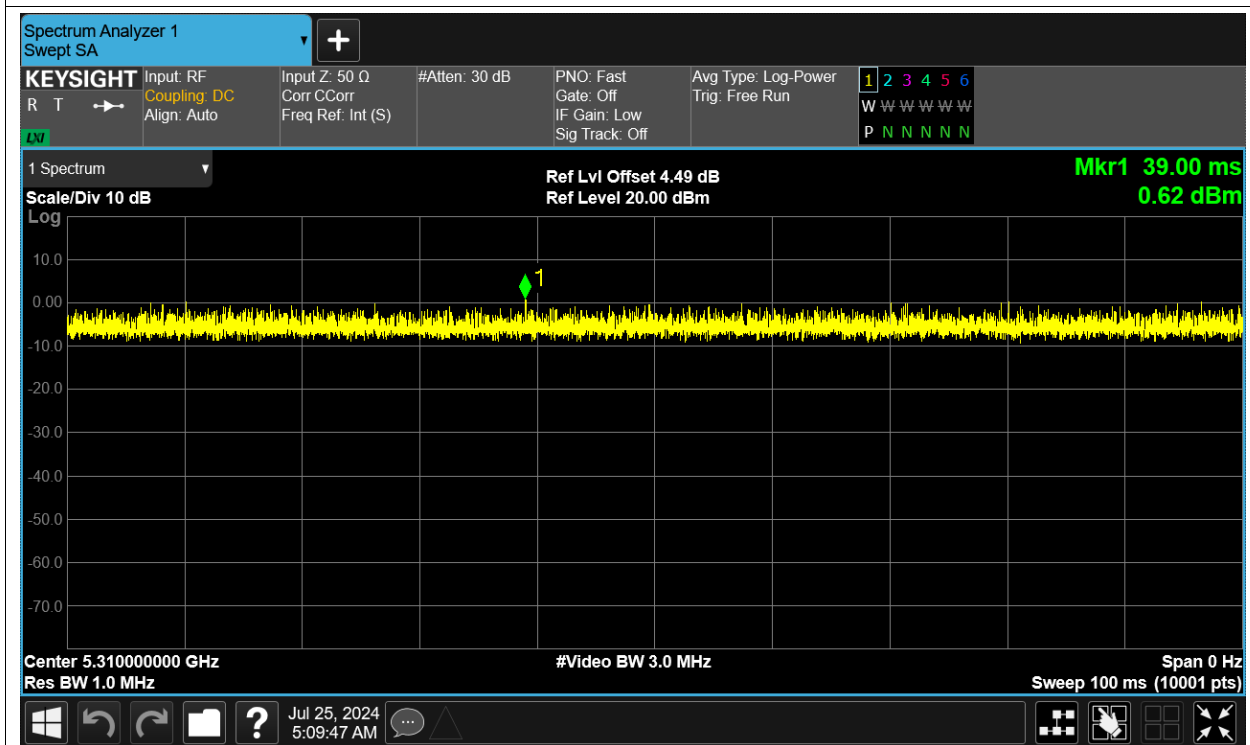
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Maximum Conducted Output Power

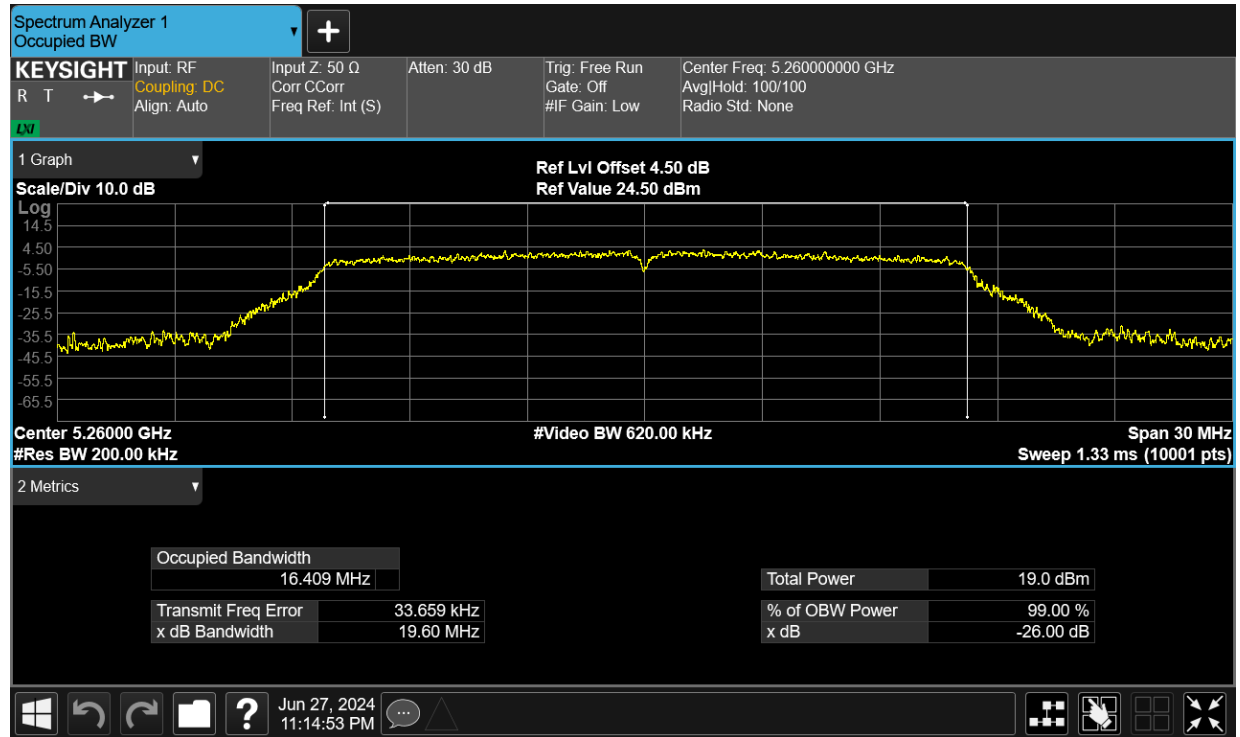
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	13.8	0	13.8	24	Pass
NVNT	a	5300	Ant1	13.73	0	13.73	24	Pass
NVNT	a	5320	Ant1	14.35	0	14.35	24	Pass
NVNT	ac20	5260	Ant1	13.73	0	13.73	24	Pass
NVNT	ac20	5300	Ant1	13.86	0	13.86	24	Pass
NVNT	ac20	5320	Ant1	14.18	0	14.18	24	Pass
NVNT	ac40	5270	Ant1	8.17	0	8.17	24	Pass
NVNT	ac40	5310	Ant1	8.07	0	8.07	24	Pass
NVNT	ac80	5290	Ant1	5.77	0	5.77	24	Pass
NVNT	n20	5260	Ant1	13.79	0	13.79	24	Pass
NVNT	n20	5300	Ant1	13.78	0	13.78	24	Pass
NVNT	n20	5320	Ant1	14.2	0	14.2	24	Pass
NVNT	n40	5270	Ant1	7.49	0	7.49	24	Pass
NVNT	n40	5310	Ant1	8.03	0	8.03	24	Pass

Occupied Channel Bandwidth

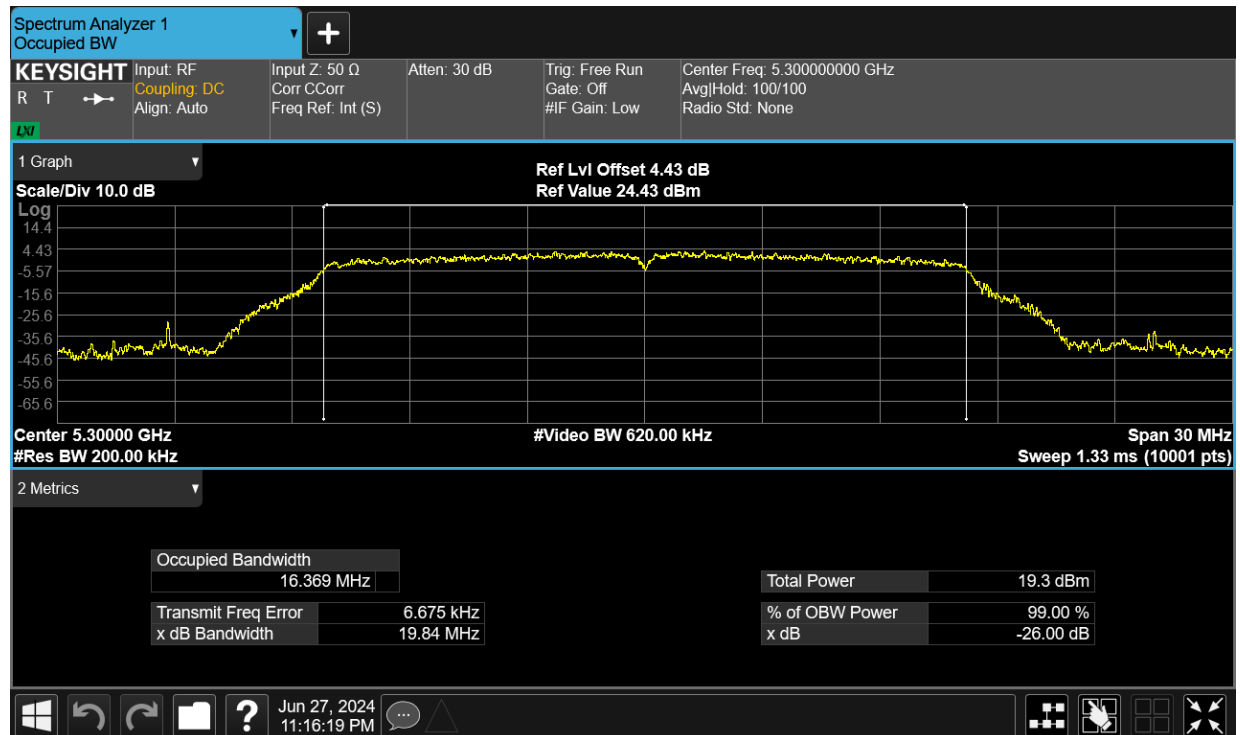
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.409
NVNT	a	5300	Ant1	16.369
NVNT	a	5320	Ant1	16.382
NVNT	ac20	5260	Ant1	17.549
NVNT	ac20	5300	Ant1	17.524
NVNT	ac20	5320	Ant1	17.547
NVNT	ac40	5270	Ant1	35.91
NVNT	ac40	5310	Ant1	35.927
NVNT	ac80	5290	Ant1	75.095
NVNT	n20	5260	Ant1	17.569
NVNT	n20	5300	Ant1	17.547
NVNT	n20	5320	Ant1	17.562
NVNT	n40	5270	Ant1	35.918
NVNT	n40	5310	Ant1	35.925

Test Graphs

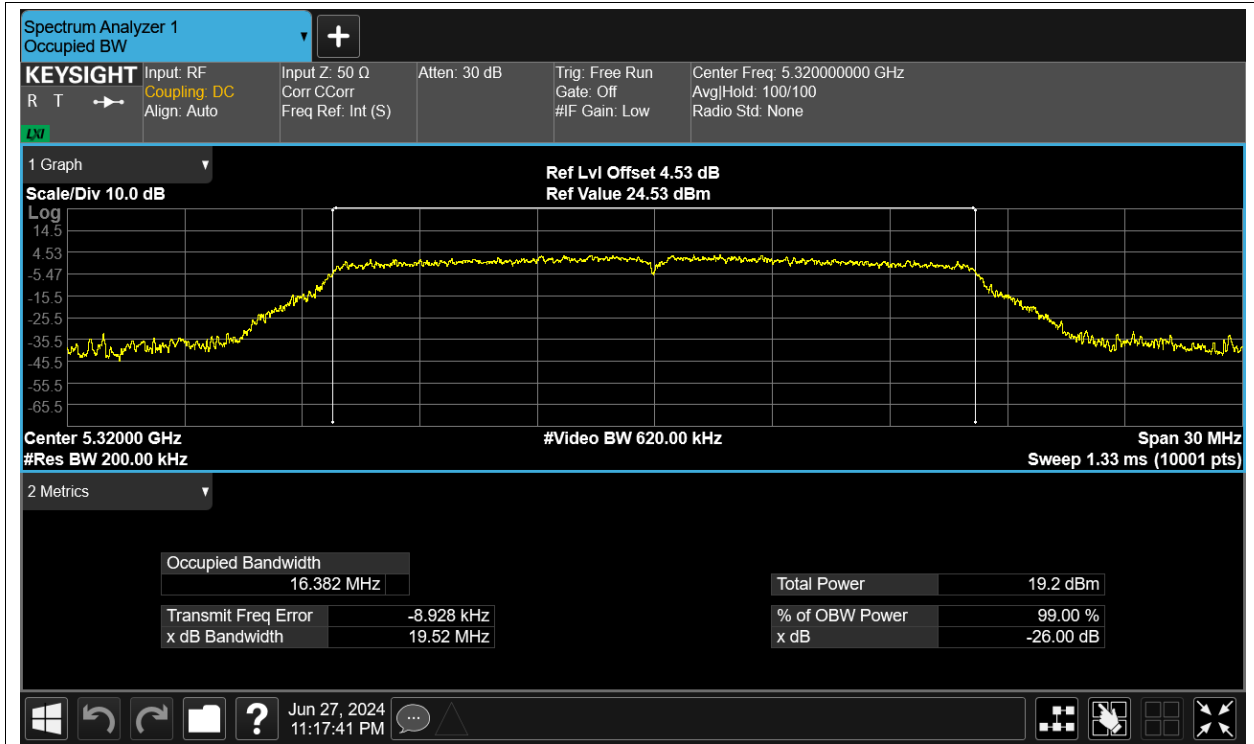
OBW NVNT a 5260MHz Ant1



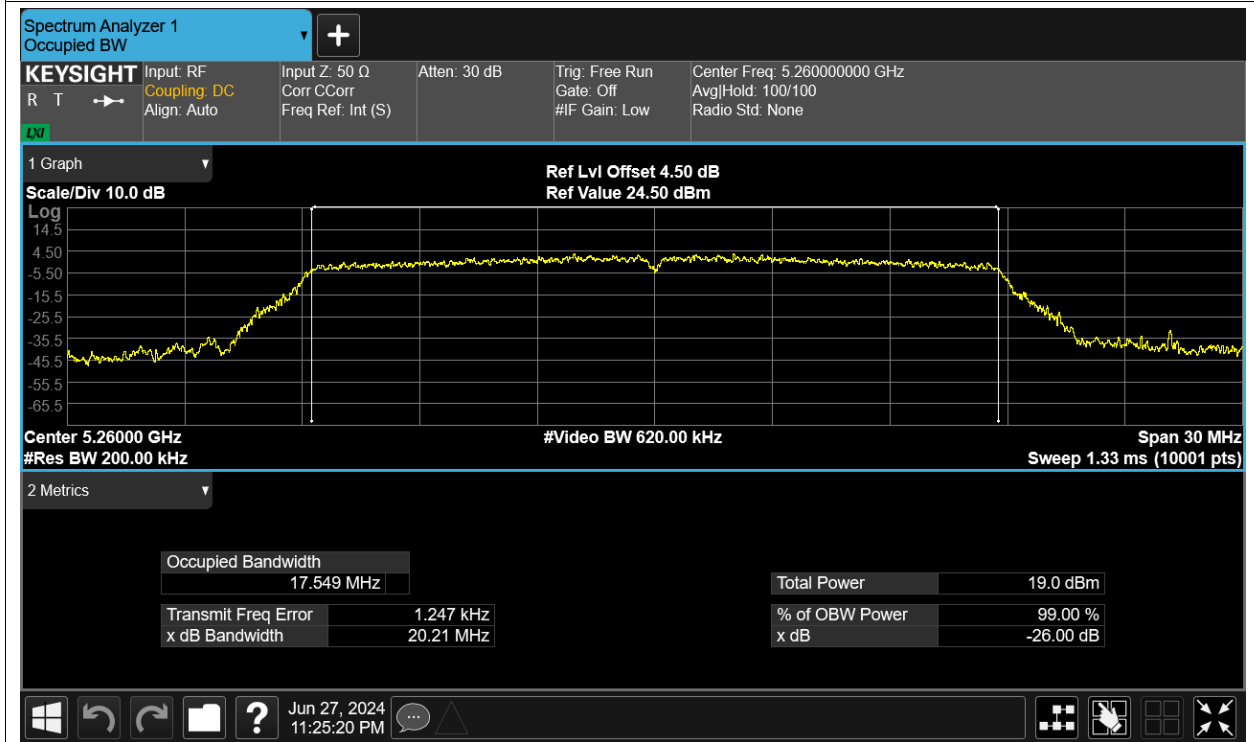
OBW NVNT a 5300MHz Ant1



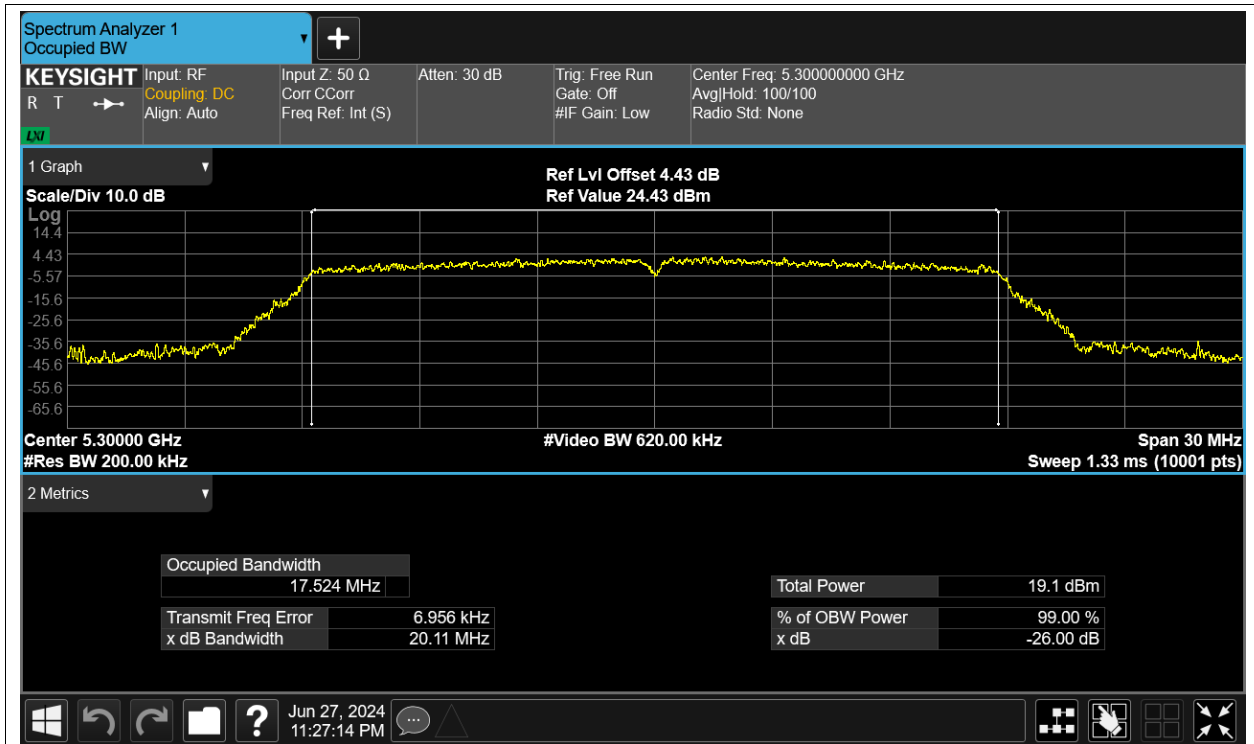
OBW NVNT a 5320MHz Ant1



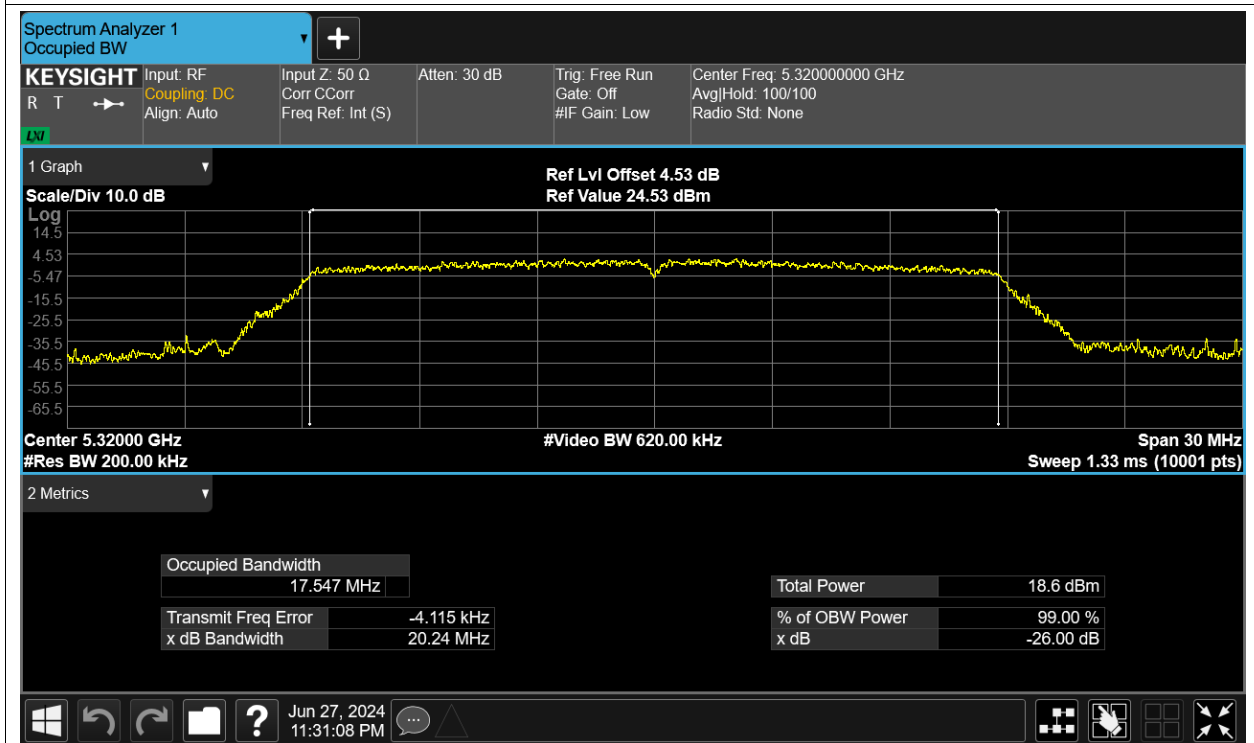
OBW NVNT ac20 5260MHz Ant1



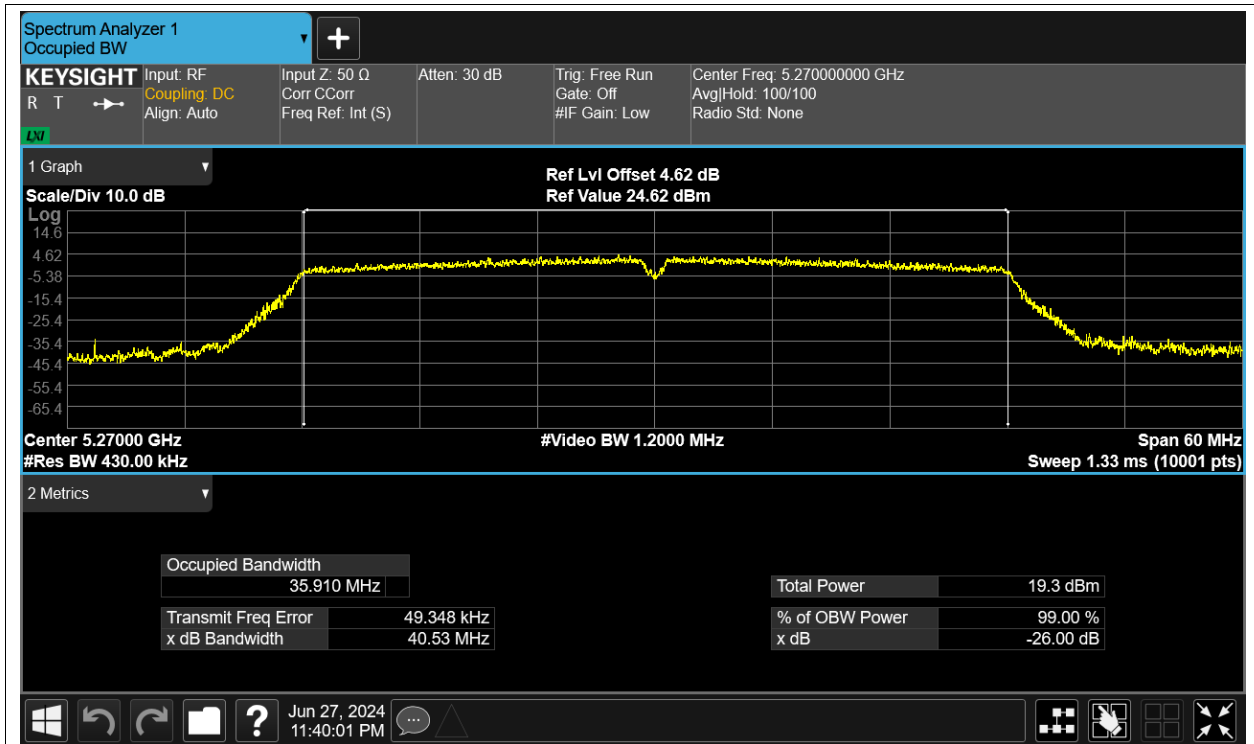
OBW NVNT ac20 5300MHz Ant1



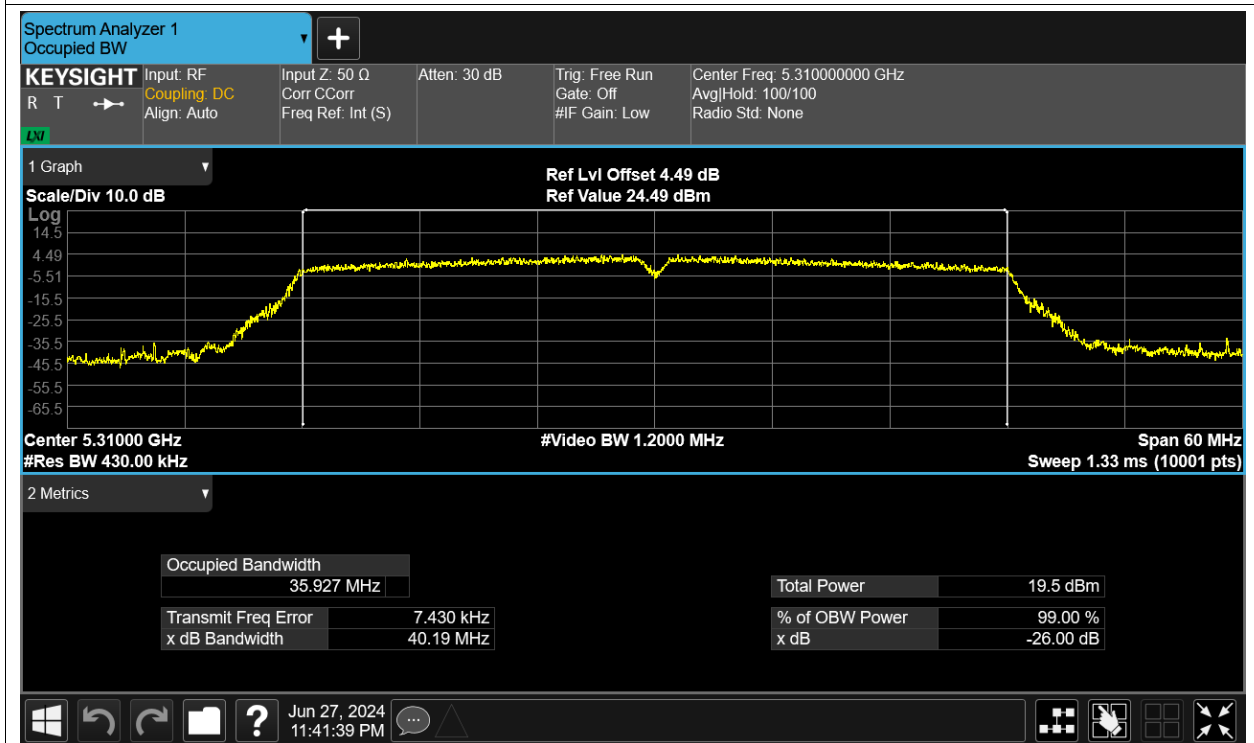
OBW NVNT ac20 5320MHz Ant1



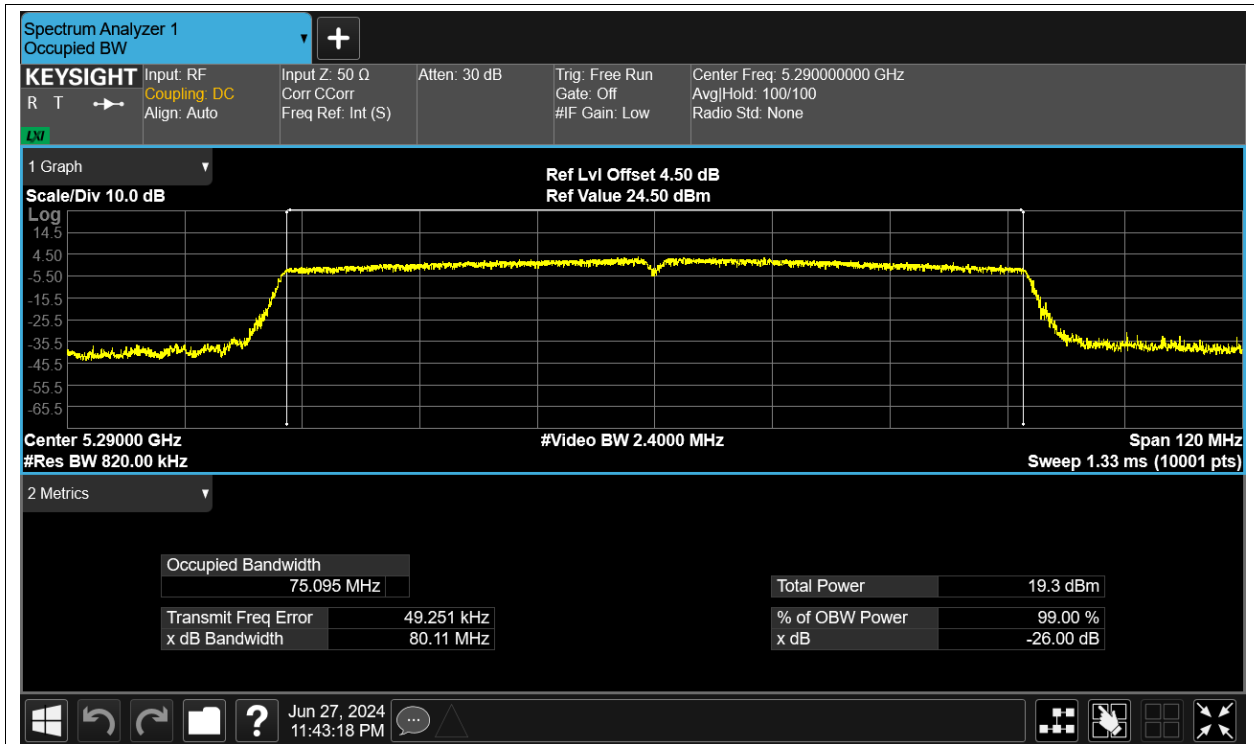
OBW NVNT ac40 5270MHz Ant1



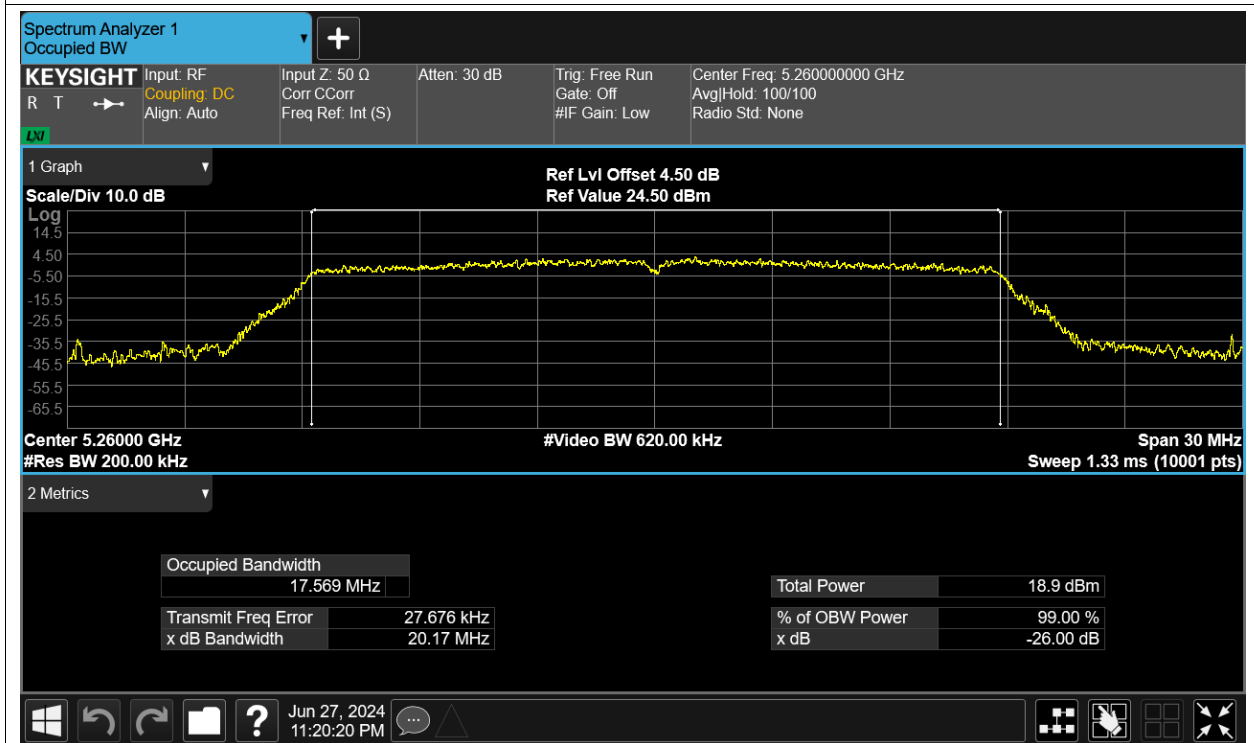
OBW NVNT ac40 5310MHz Ant1



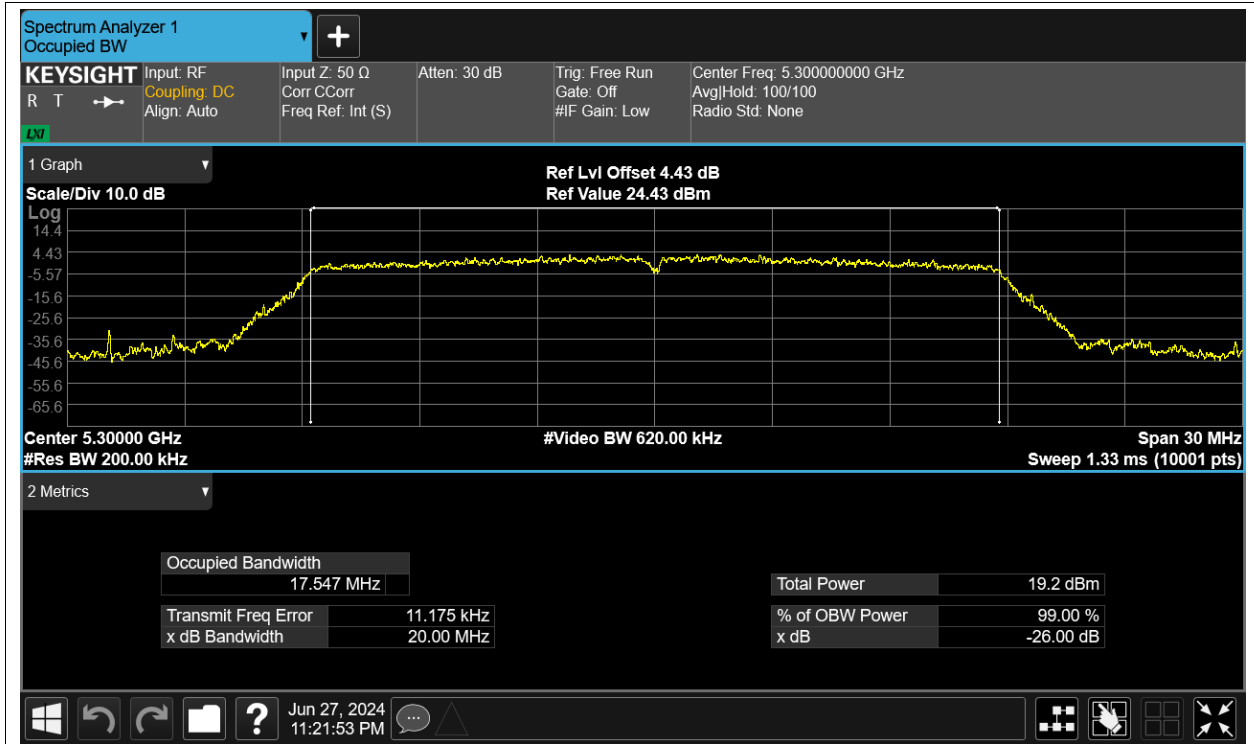
OBW NVNT ac80 5290MHz Ant1



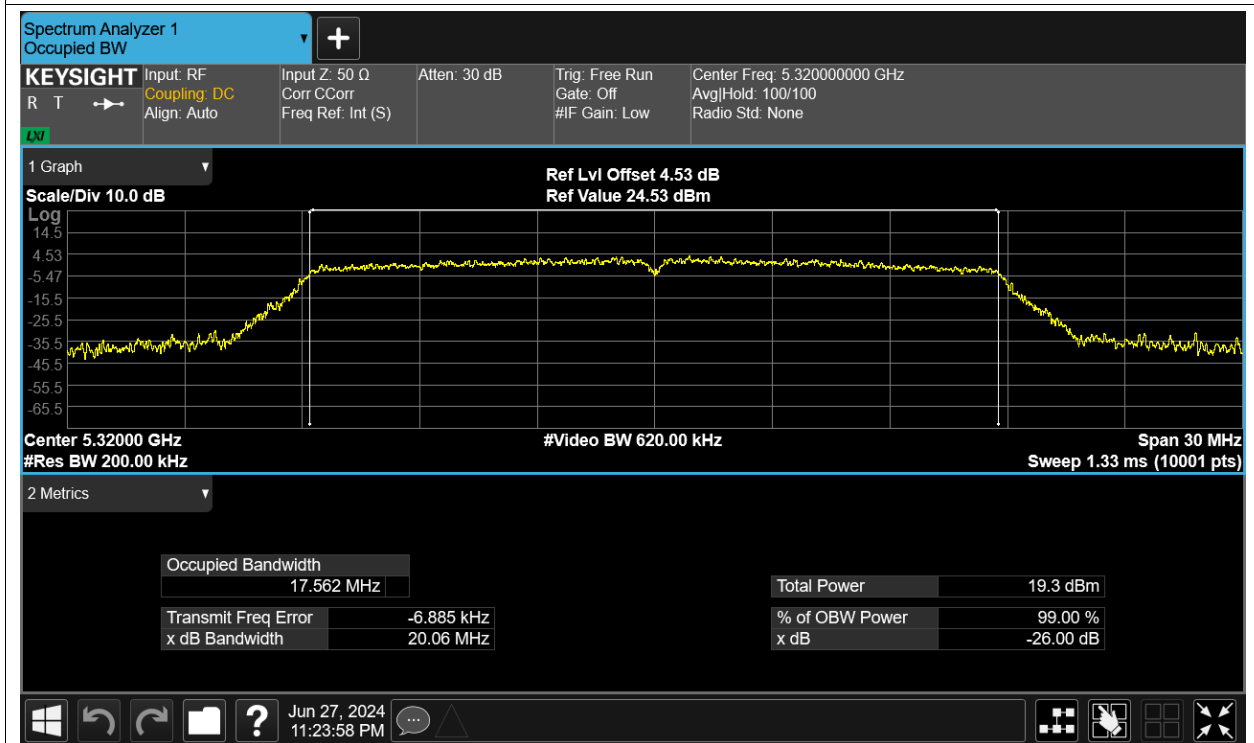
OBW NVNT n20 5260MHz Ant1



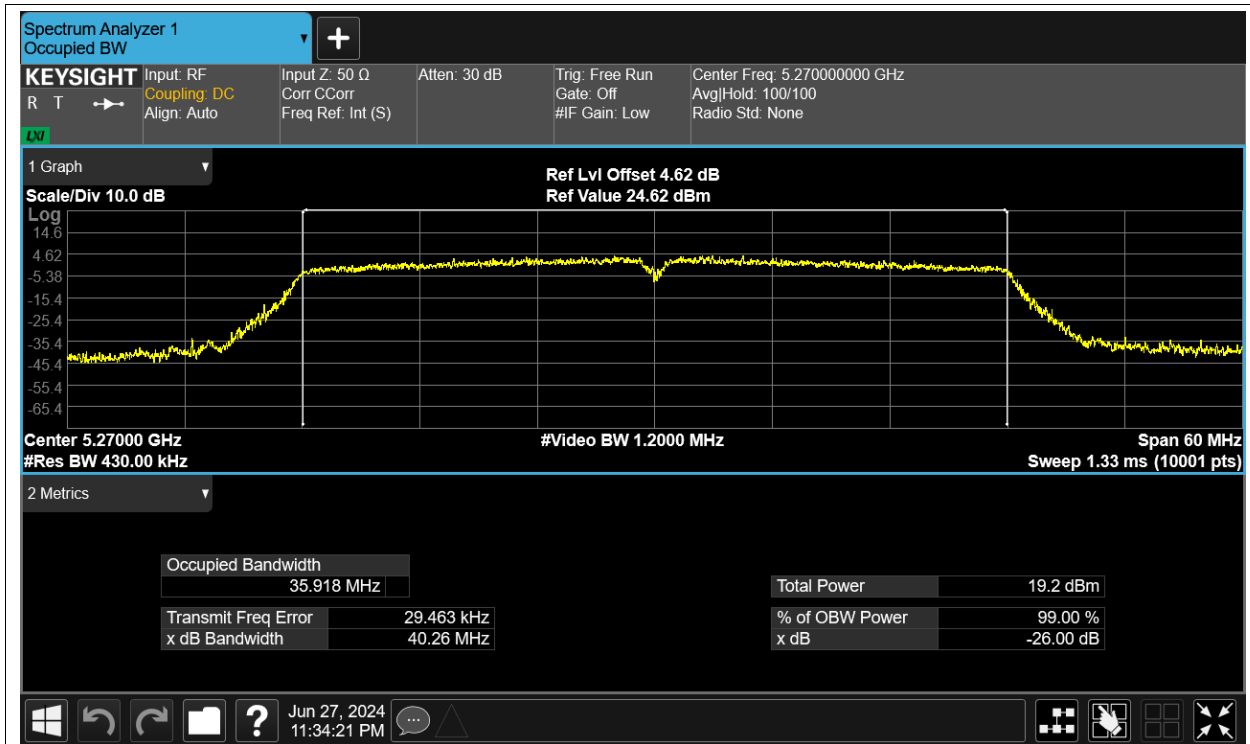
OBW NVNT n20 5300MHz Ant1



OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1

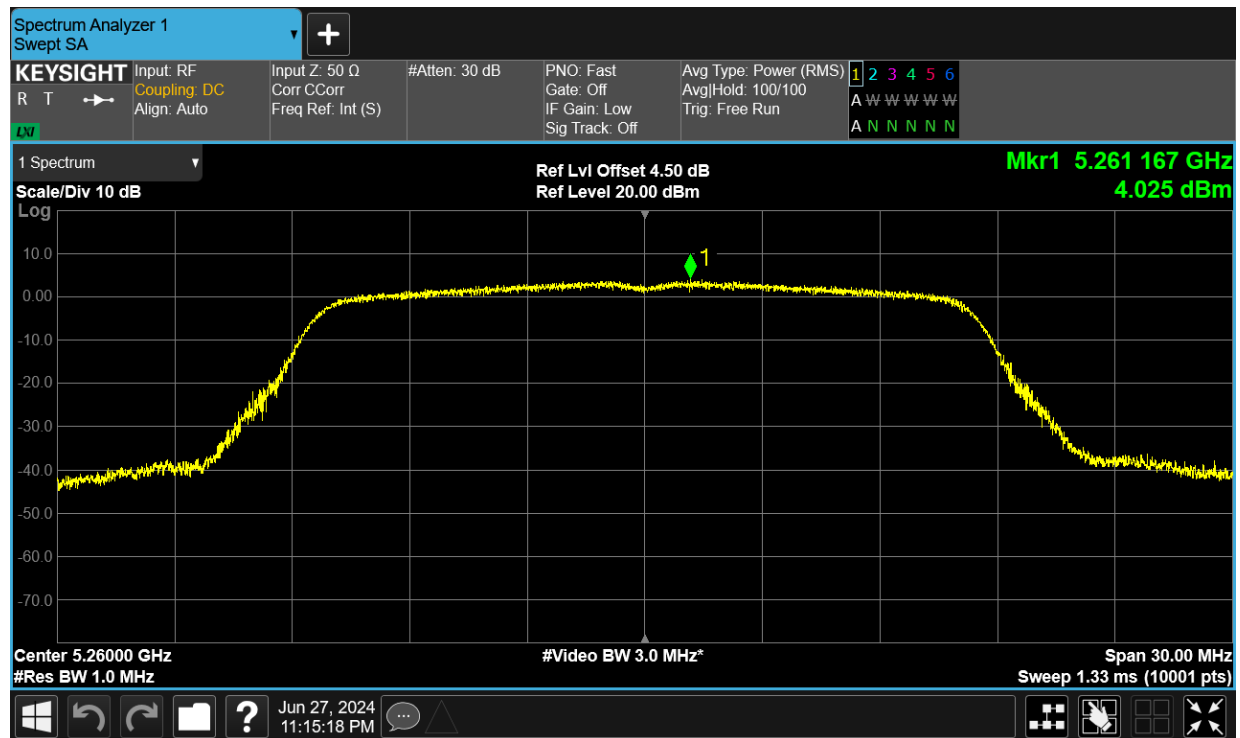


Maximum Power Spectral Density Level

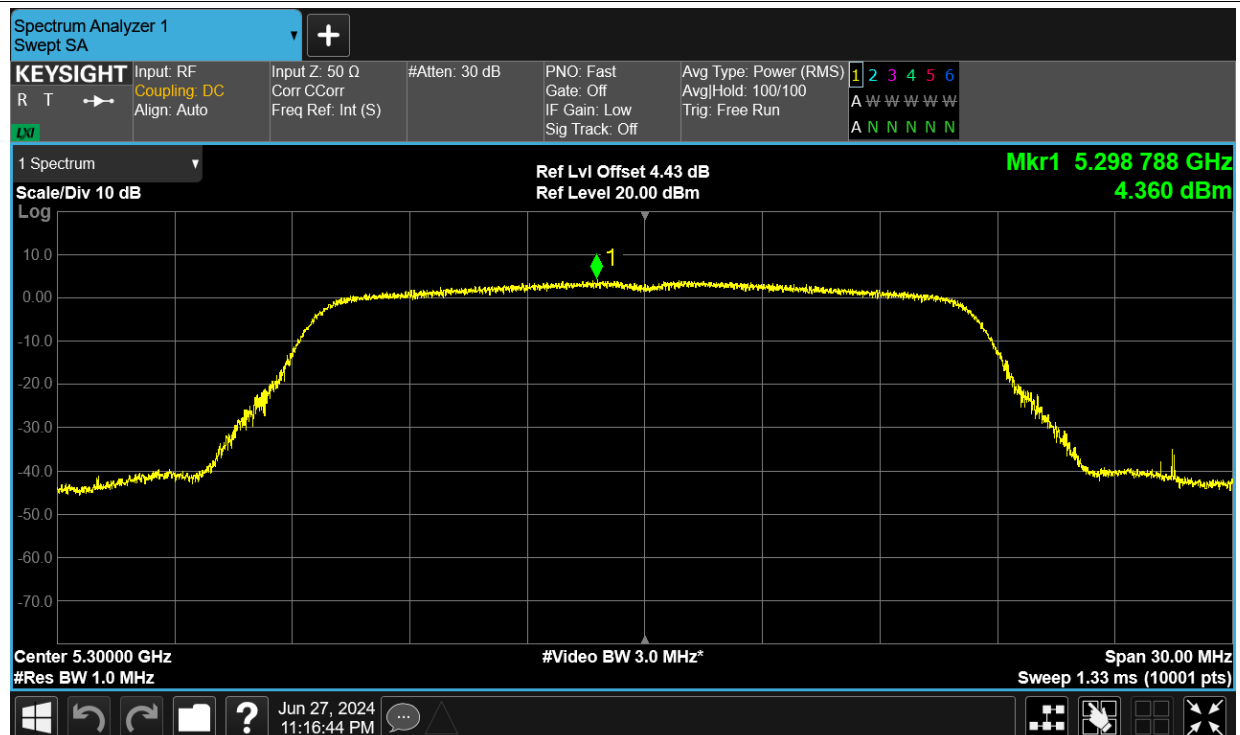
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	4.025	11	Pass
NVNT	a	5300	Ant1	4.36	11	Pass
NVNT	a	5320	Ant1	4.226	11	Pass
NVNT	ac20	5260	Ant1	3.735	11	Pass
NVNT	ac20	5300	Ant1	3.958	11	Pass
NVNT	ac20	5320	Ant1	3.392	11	Pass
NVNT	ac40	5270	Ant1	1.055	11	Pass
NVNT	ac40	5310	Ant1	1.064	11	Pass
NVNT	ac80	5290	Ant1	-3.026	11	Pass
NVNT	n20	5260	Ant1	3.559	11	Pass
NVNT	n20	5300	Ant1	3.773	11	Pass
NVNT	n20	5320	Ant1	3.924	11	Pass
NVNT	n40	5270	Ant1	0.702	11	Pass
NVNT	n40	5310	Ant1	0.988	11	Pass

Test Graphs

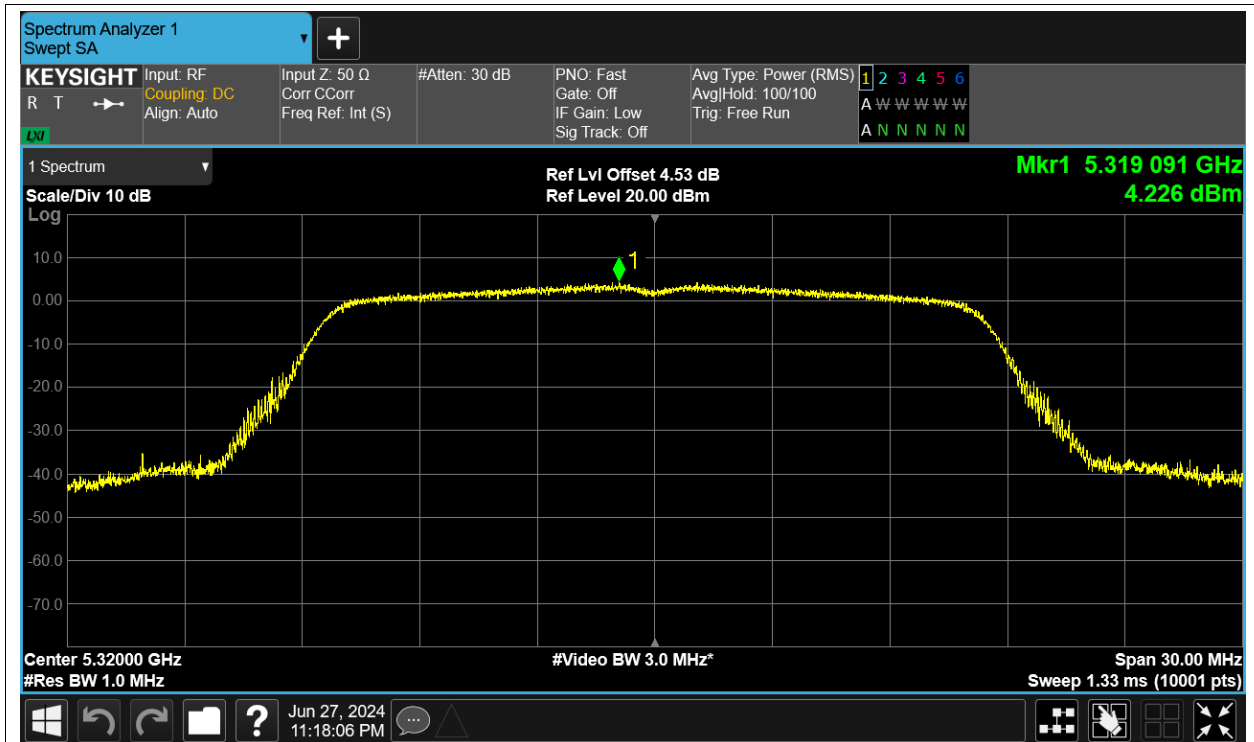
PSD NVNT a 5260MHz Ant1



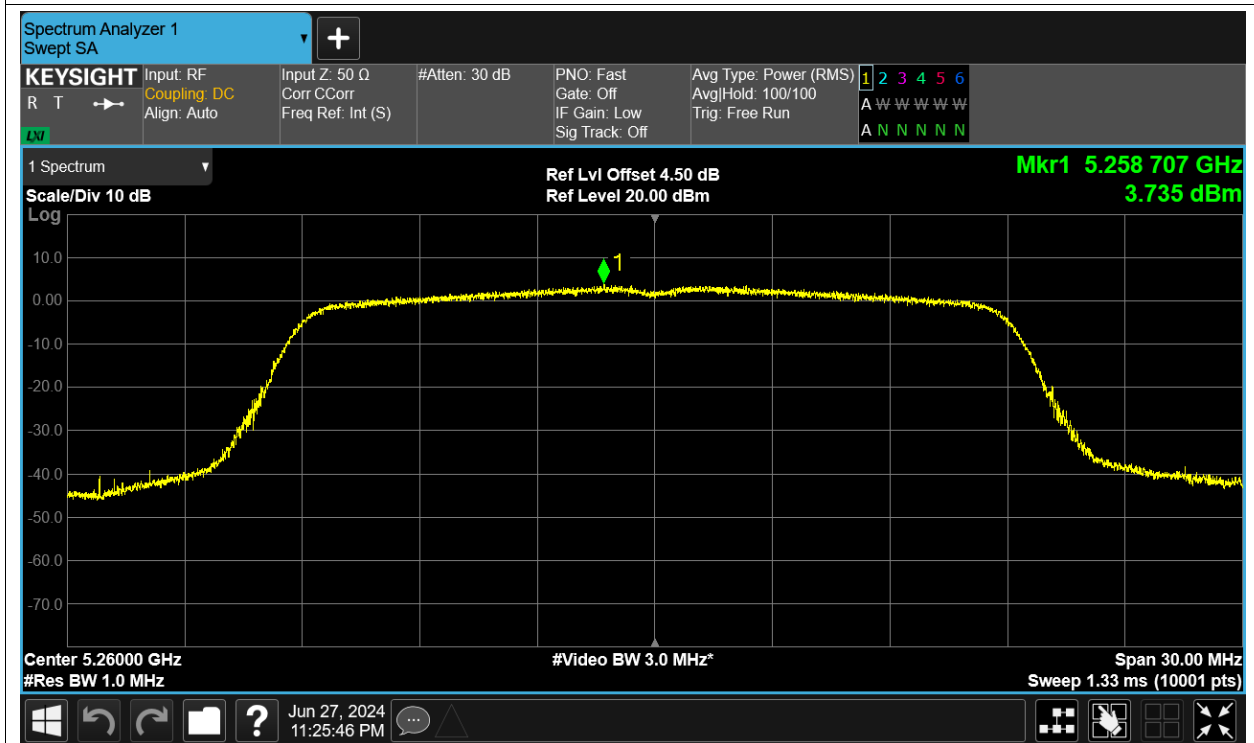
PSD NVNT a 5300MHz Ant1



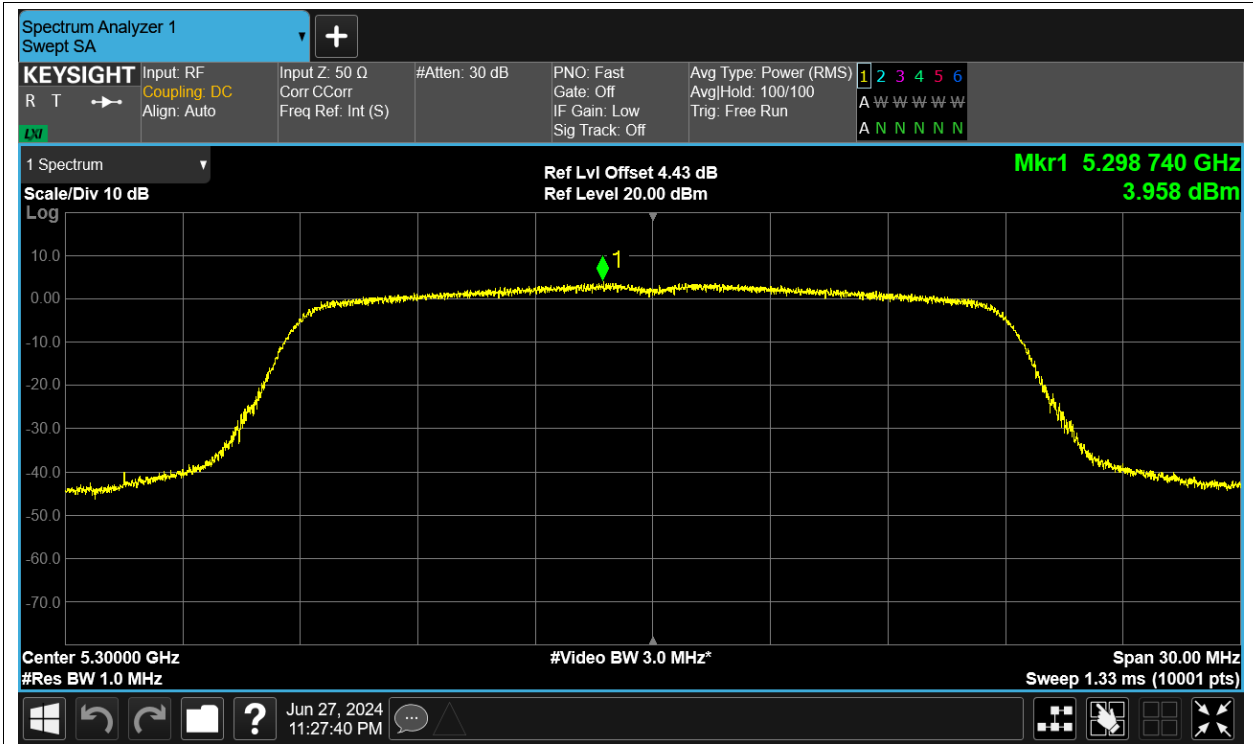
PSD NVNT a 5320MHz Ant1



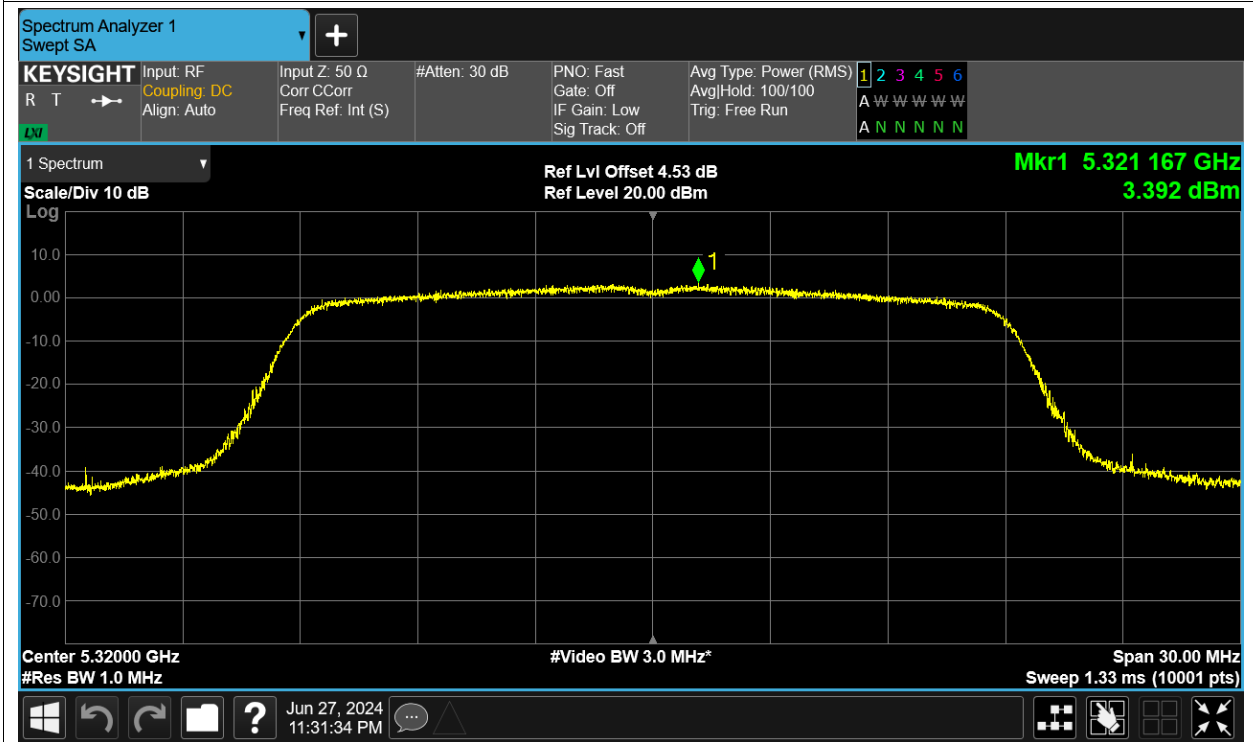
PSD NVNT ac20 5260MHz Ant1



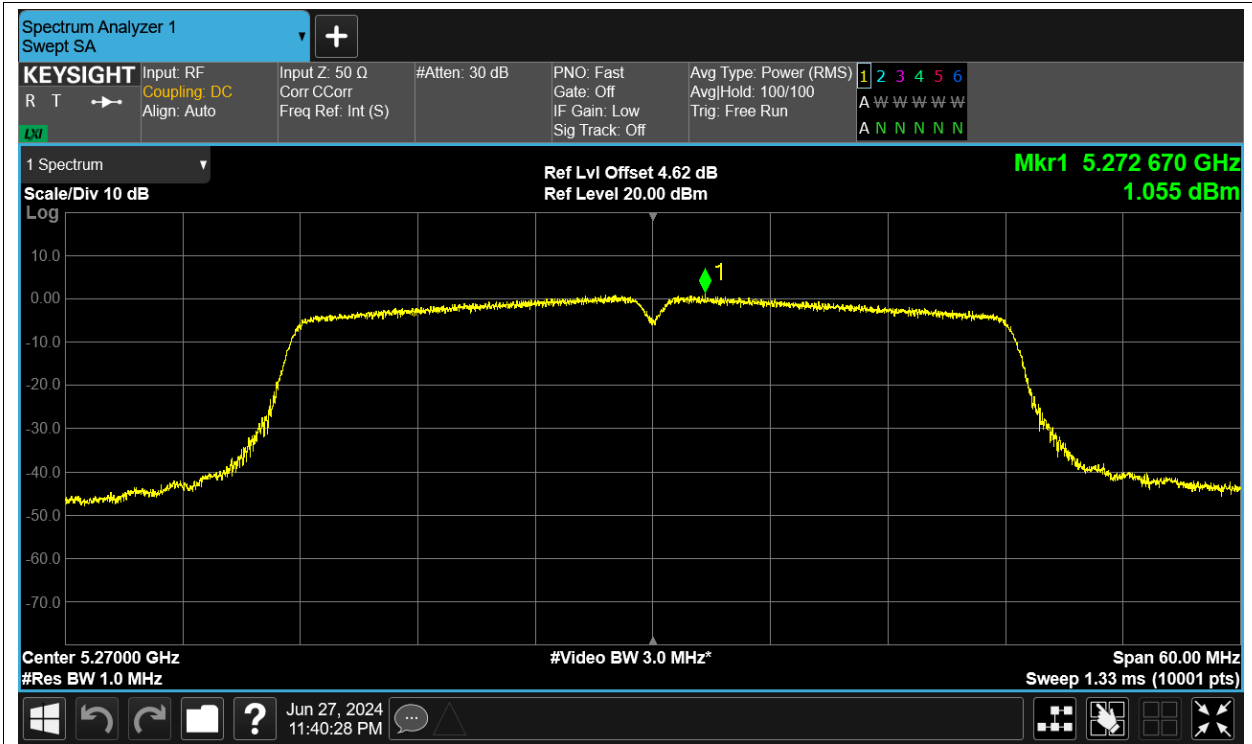
PSD NVNT ac20 5300MHz Ant1



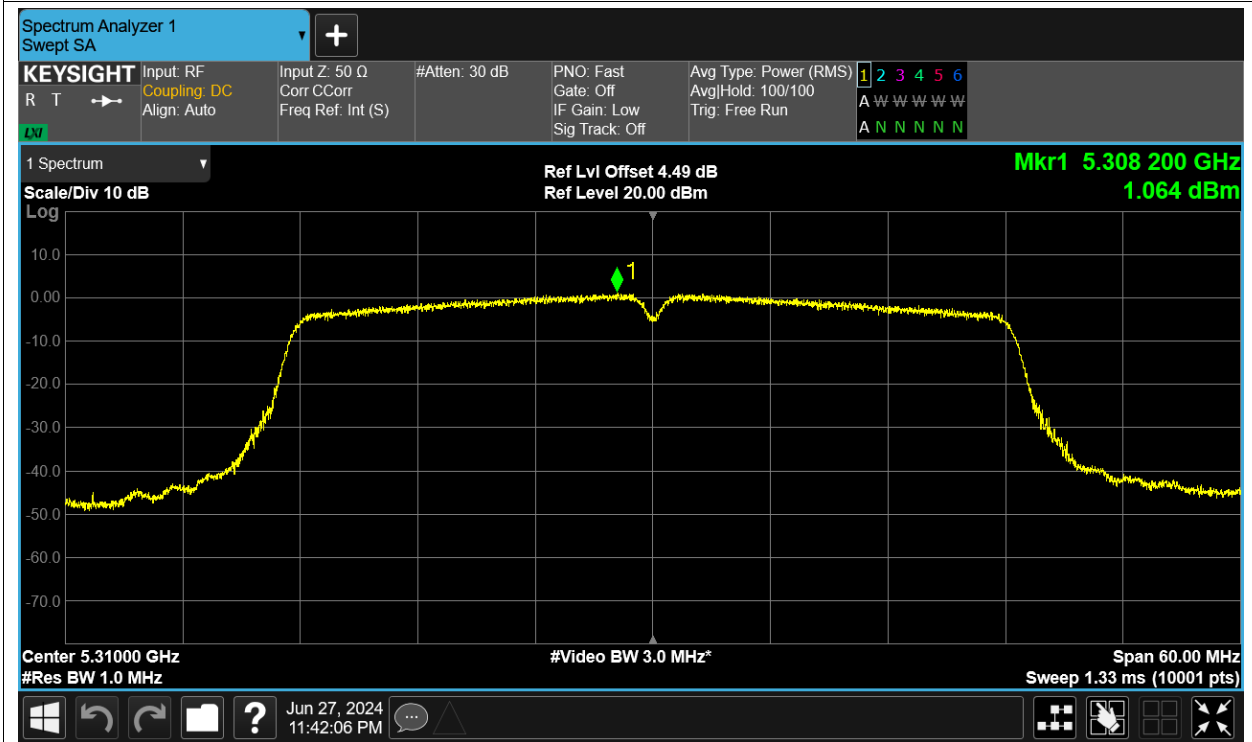
PSD NVNT ac20 5320MHz Ant1



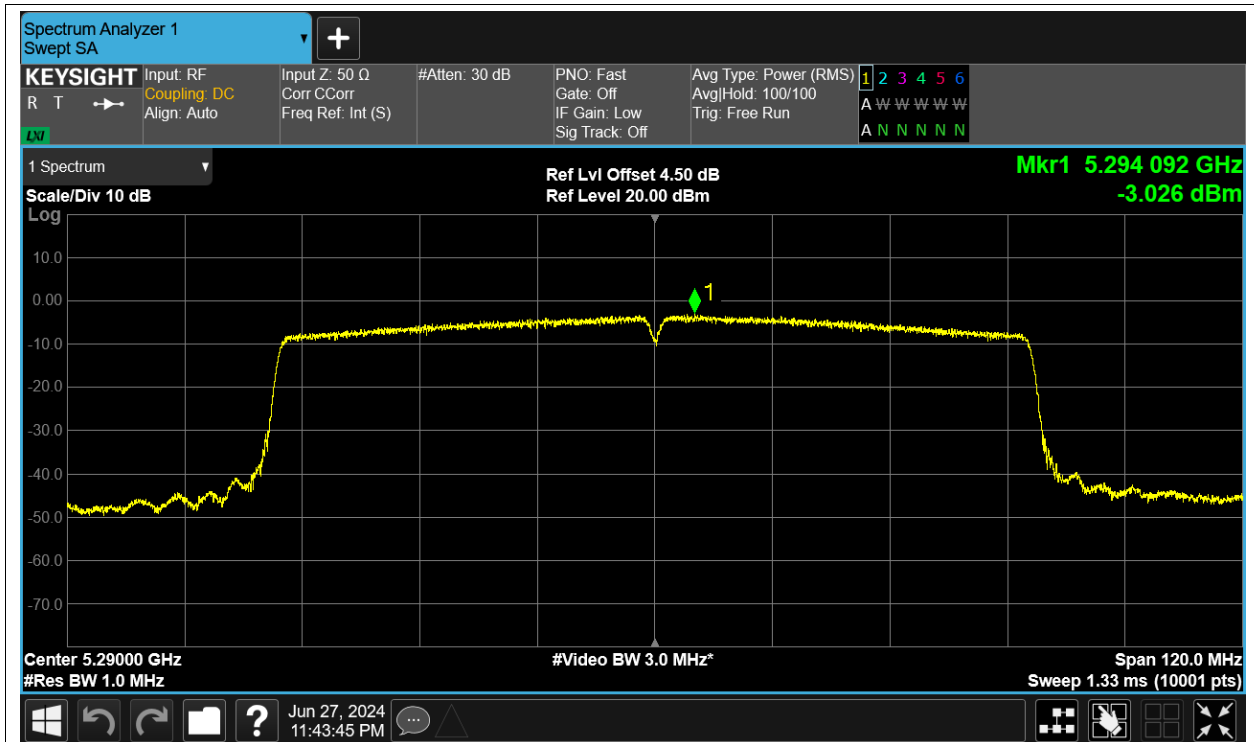
PSD NVNT ac40 5270MHz Ant1



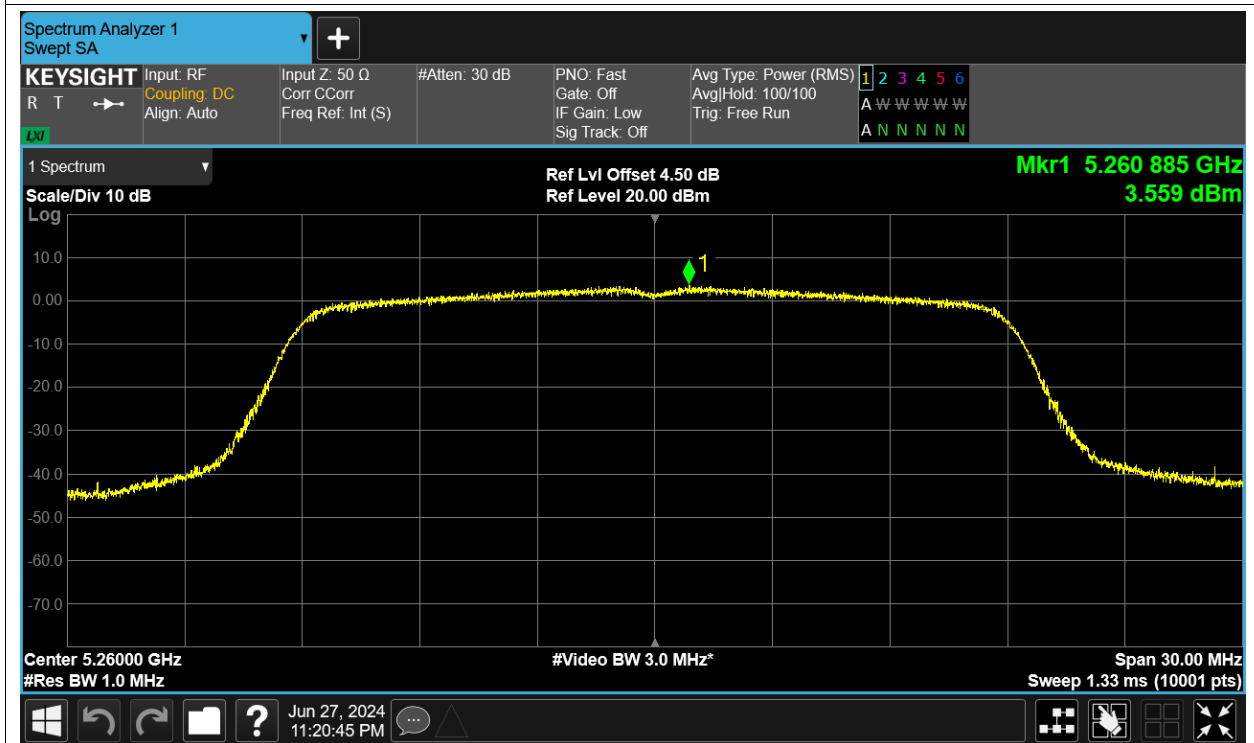
PSD NVNT ac40 5310MHz Ant1



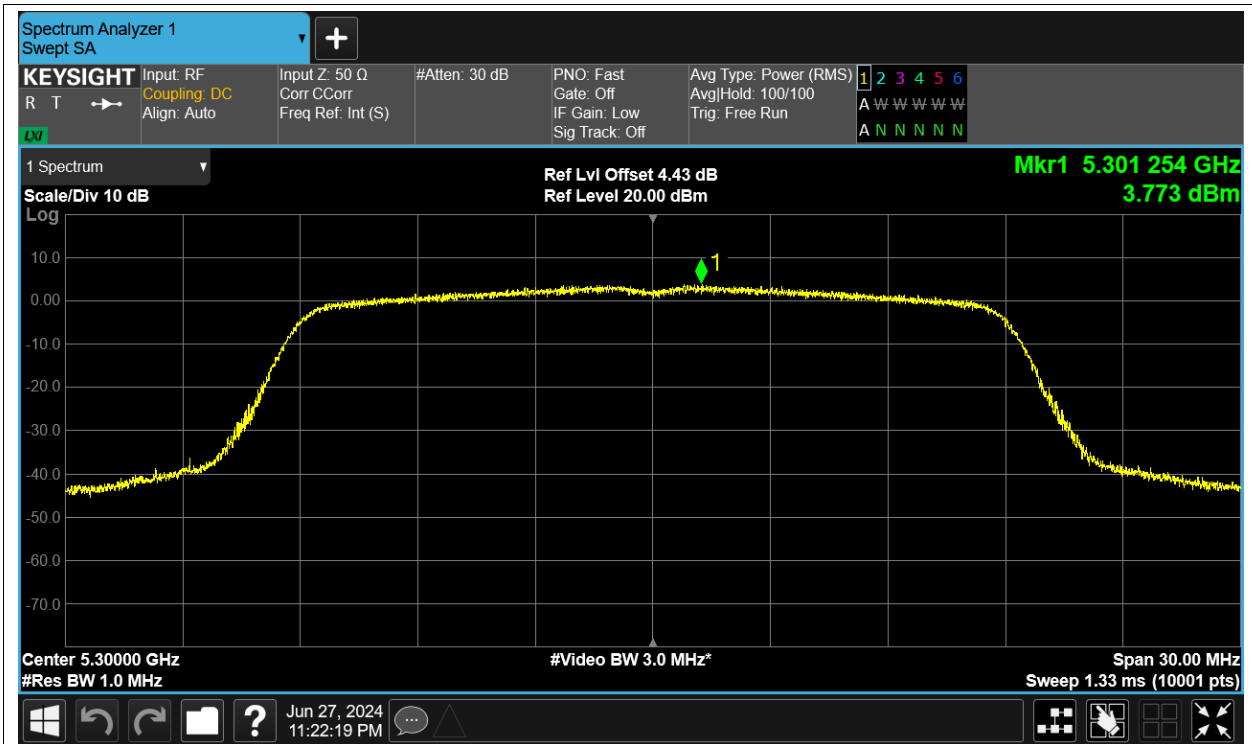
PSD NVNT ac80 5290MHz Ant1



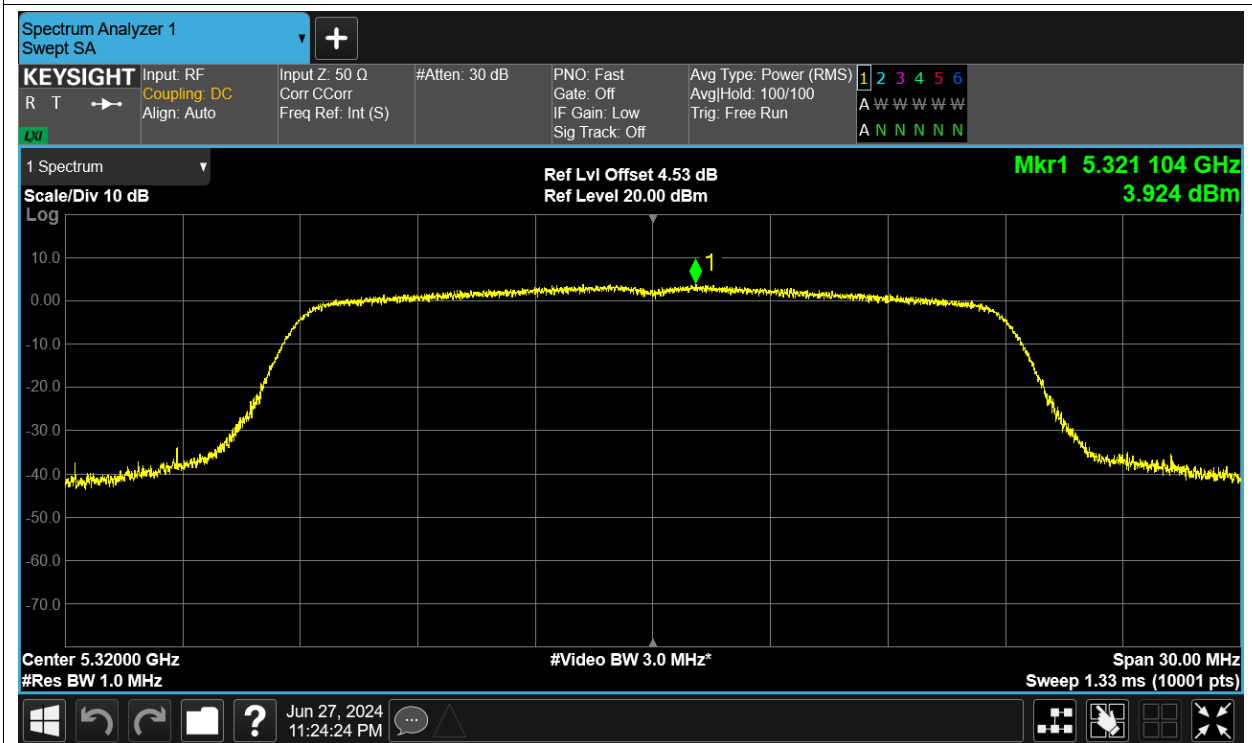
PSD NVNT n20 5260MHz Ant1



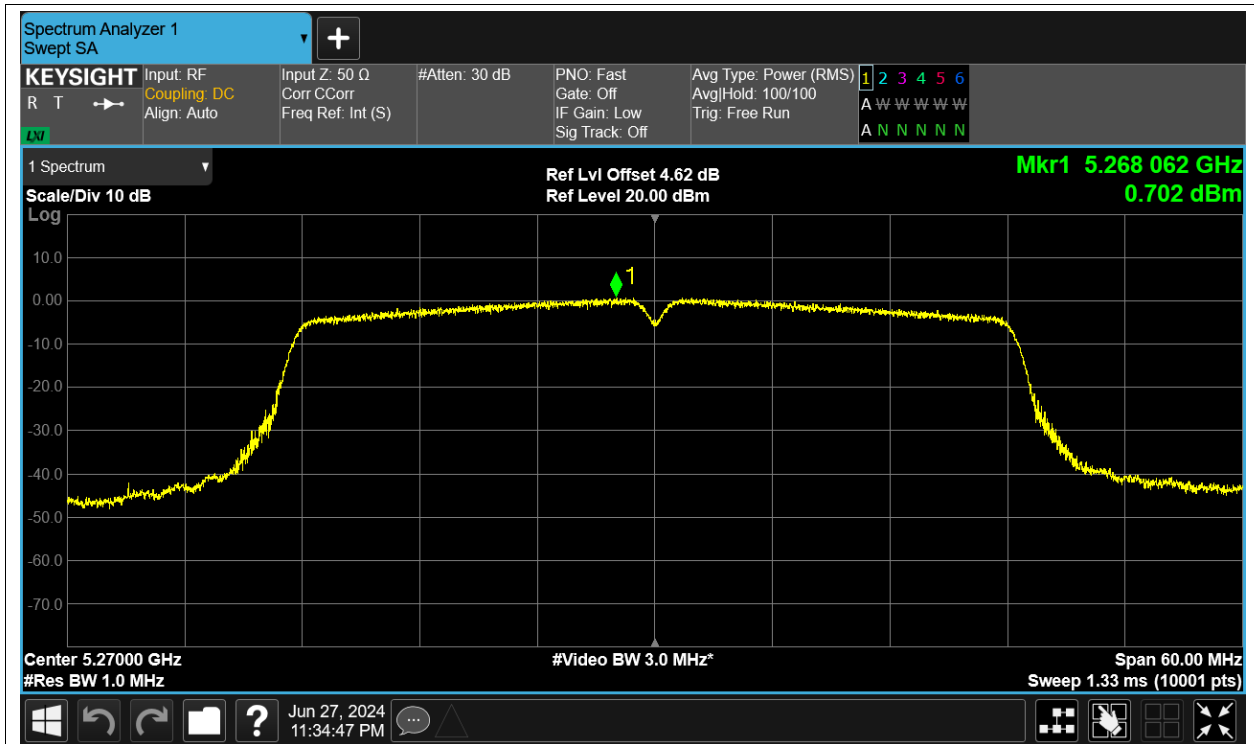
PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

