

Test Data

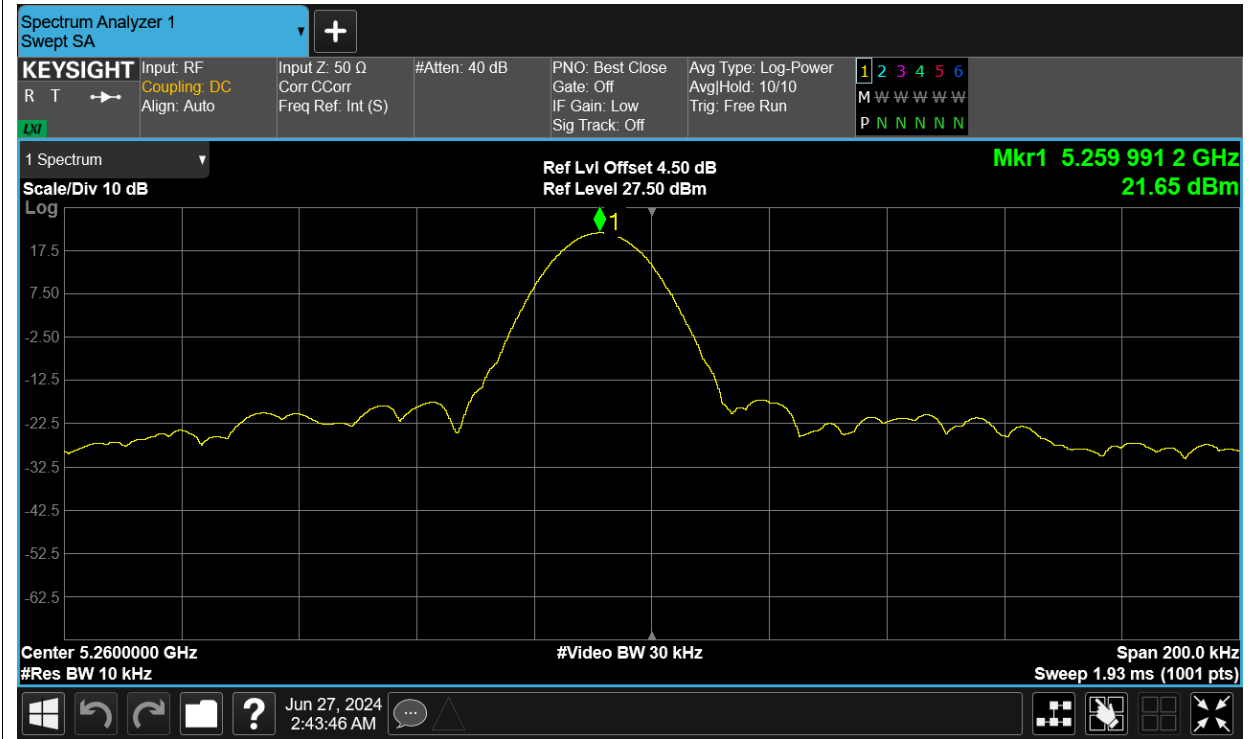
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.9912	-1.67	Within authorized band	Pass
LVNT	a	5260	Ant1	5259.9914	-1.63		Pass
NVHT	a	5260	Ant1	5259.9916	-1.6		Pass
NVLT	a	5260	Ant1	5259.992	-1.52		Pass
NVNT	a	5260	Ant1	5259.9926	-1.41		Pass
HVNT	ac80	5290	Ant1	5289.9916	-1.59		Pass
LVNT	ac80	5290	Ant1	5289.9918	-1.55		Pass
NVHT	ac80	5290	Ant1	5289.9922	-1.47		Pass
NVLT	ac80	5290	Ant1	5289.9924	-1.44		Pass
NVNT	ac80	5290	Ant1	5289.9938	-1.17		Pass
HVNT	n40	5270	Ant1	5269.9916	-1.59		Pass
LVNT	n40	5270	Ant1	5269.9918	-1.56		Pass
NVHT	n40	5270	Ant1	5269.9922	-1.48		Pass
NVLT	n40	5270	Ant1	5269.9926	-1.4		Pass
NVNT	n40	5270	Ant1	5269.9934	-1.25		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

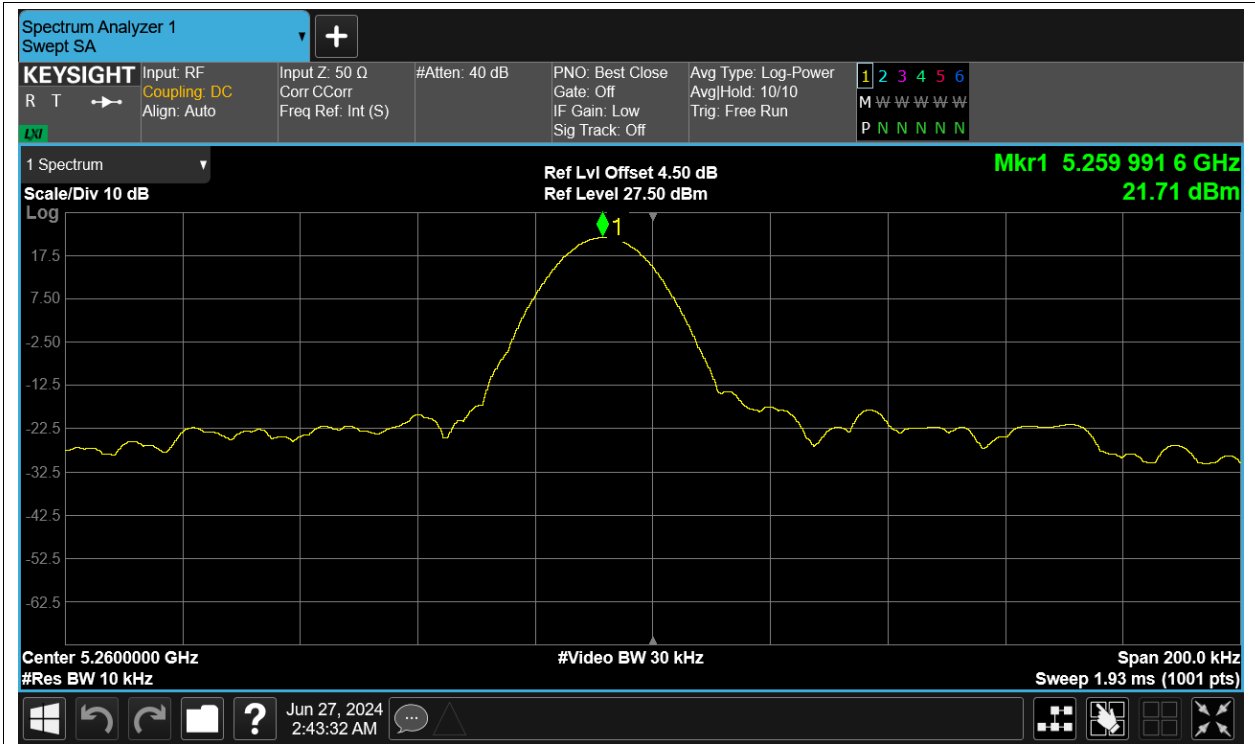
Freq. Stability HVNT a 5260MHz Ant1



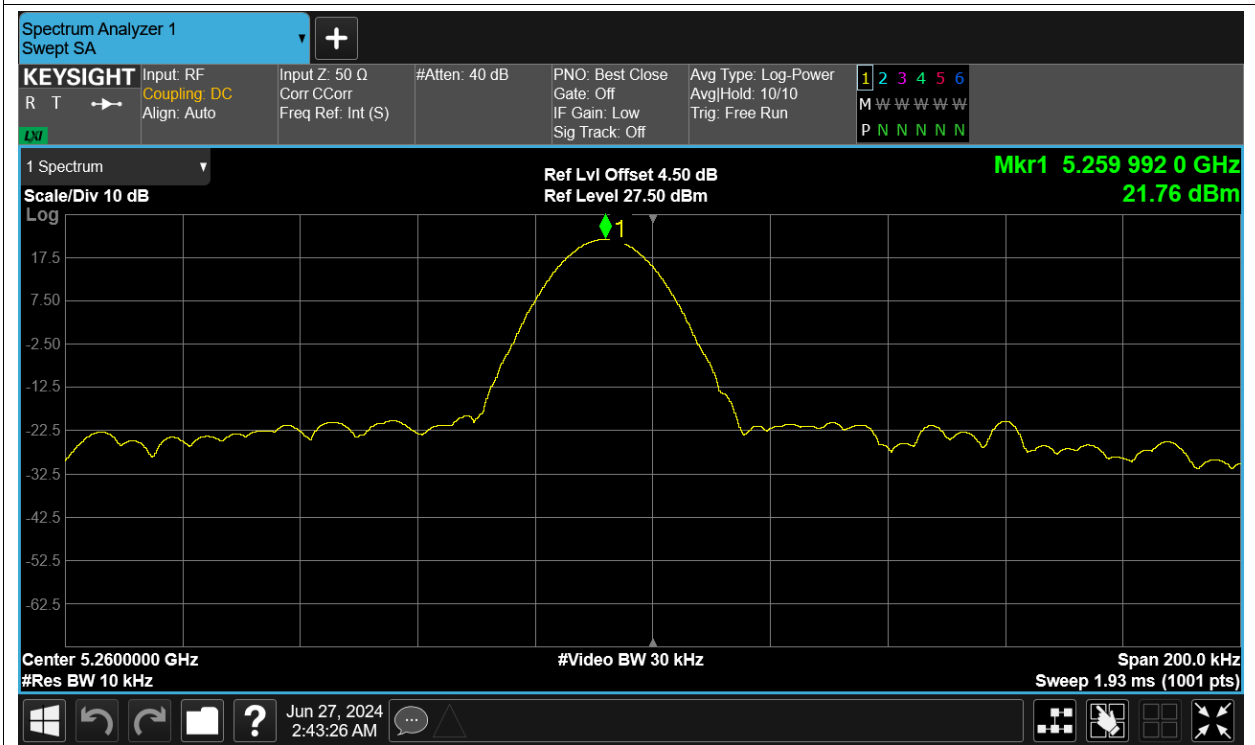
Freq. Stability LVNT a 5260MHz Ant1



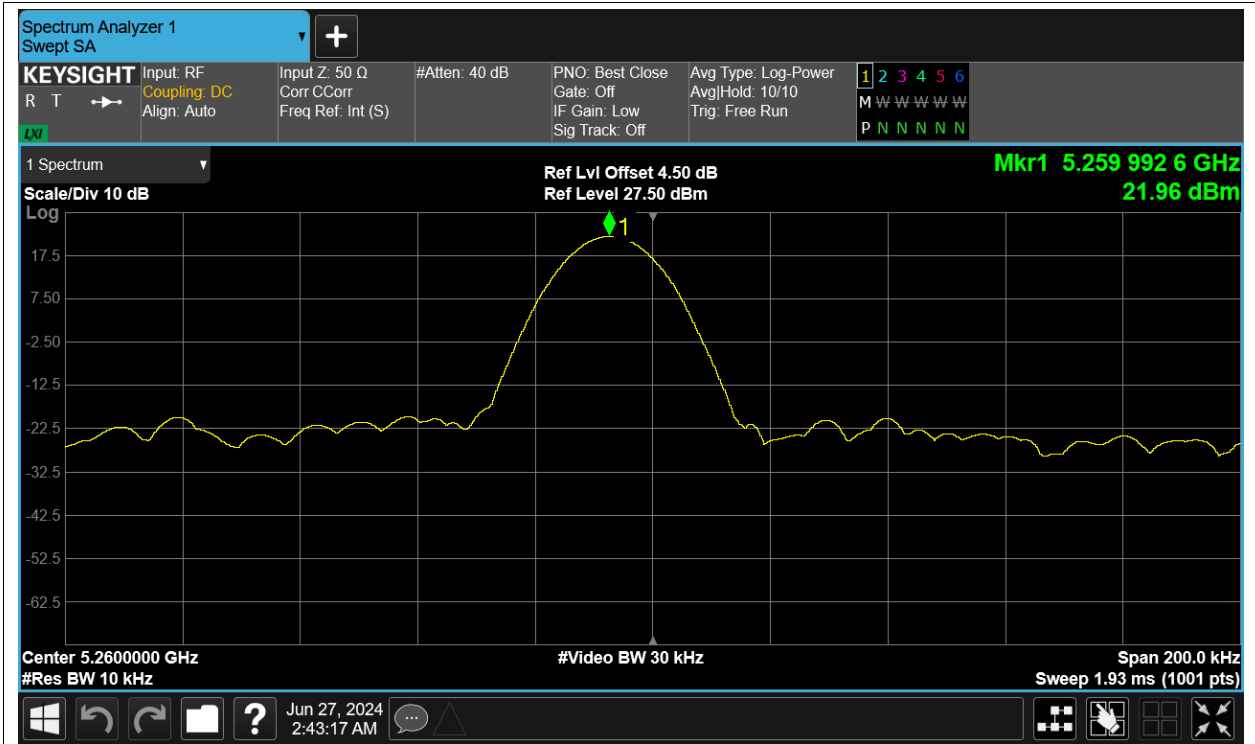
Freq. Stability NVHT a 5260MHz Ant1



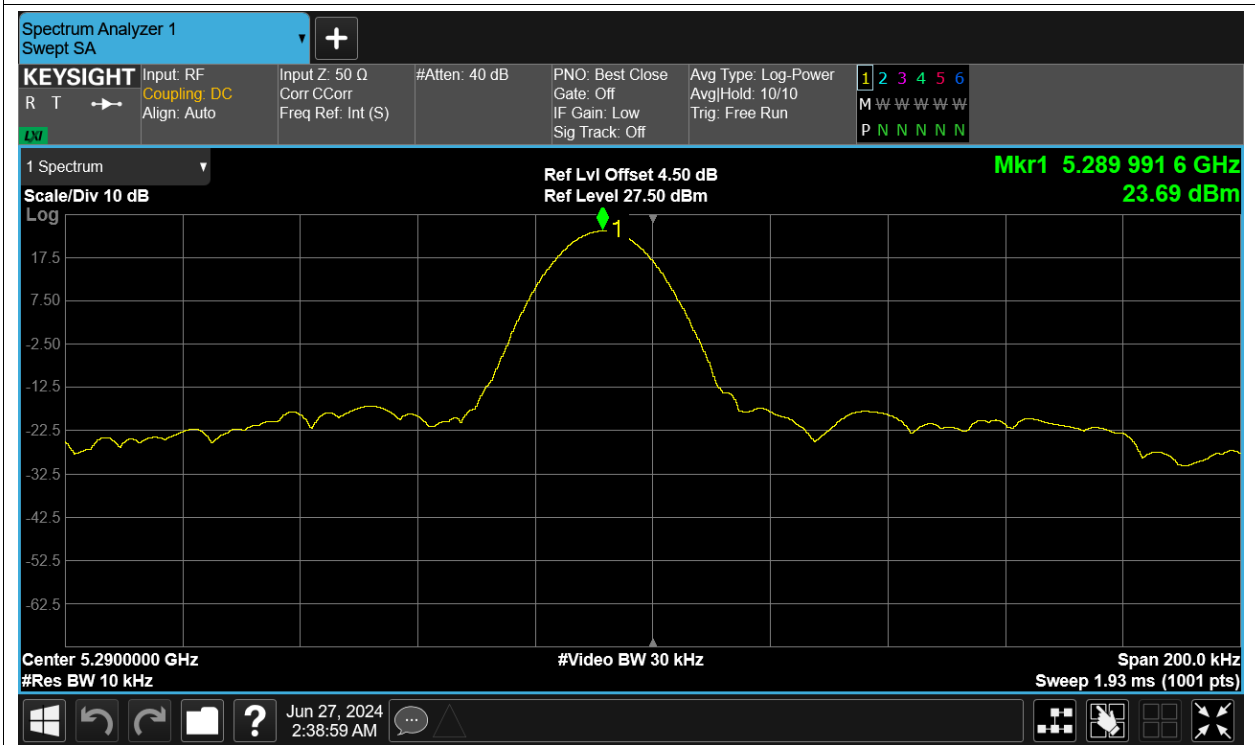
Freq. Stability NVLT a 5260MHz Ant1



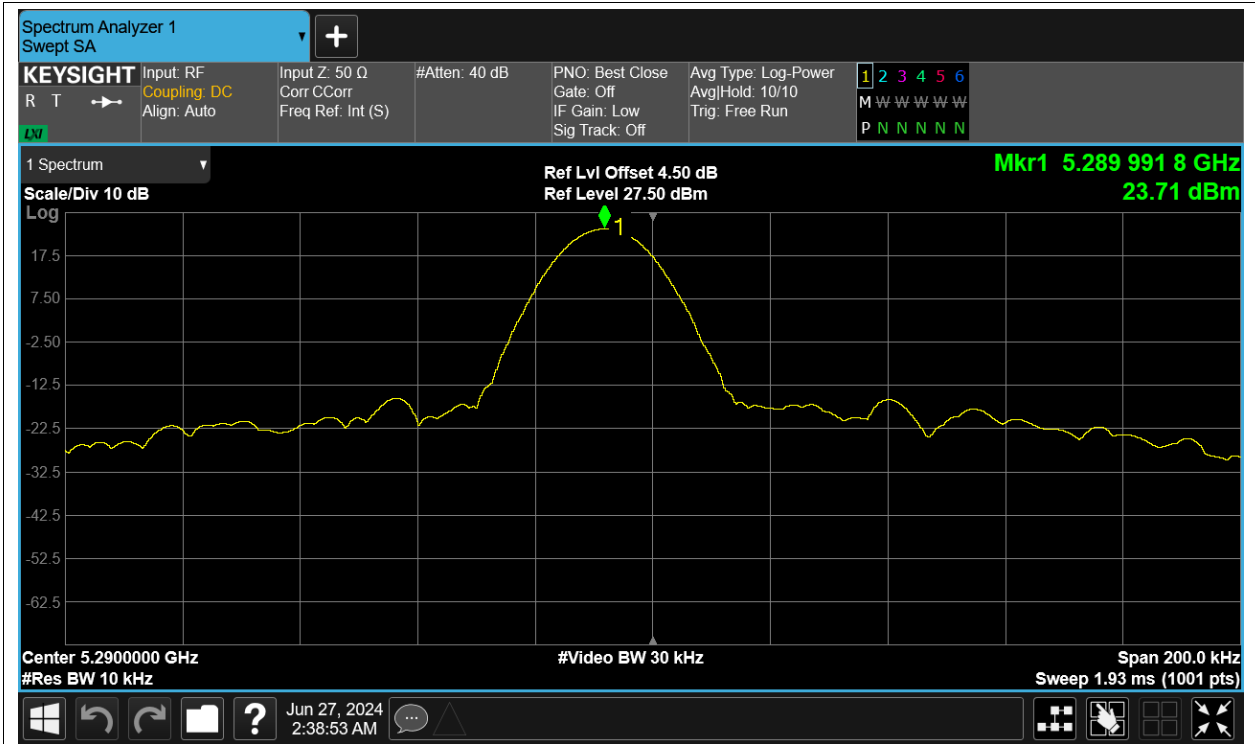
Freq. Stability NVNT a 5260MHz Ant1



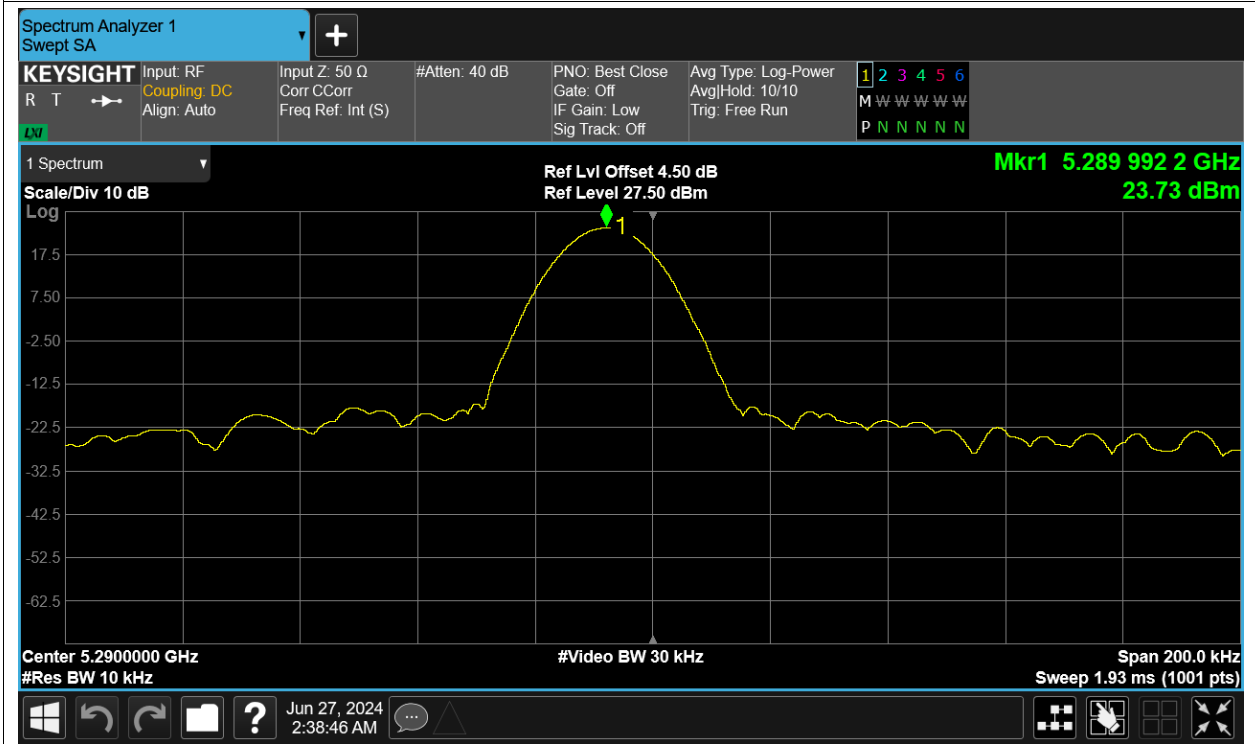
Freq. Stability HVNT ac80 5290MHz Ant1



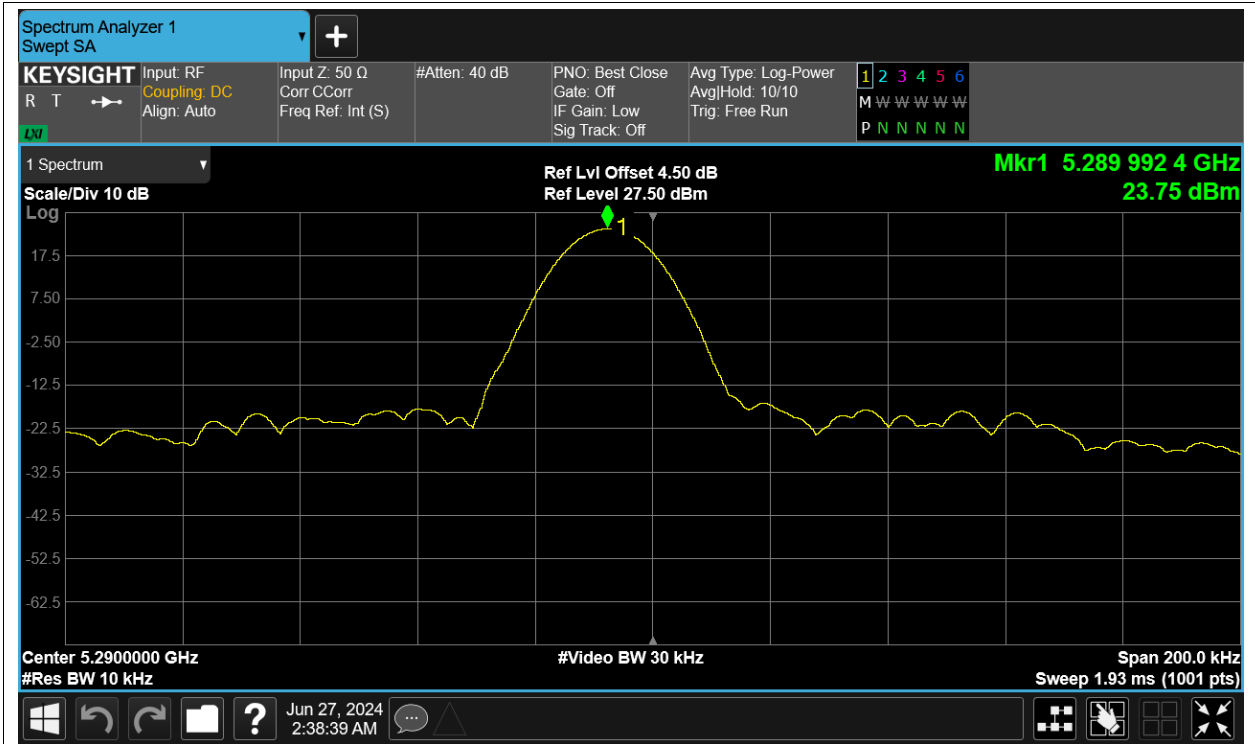
Freq. Stability LVNT ac80 5290MHz Ant1



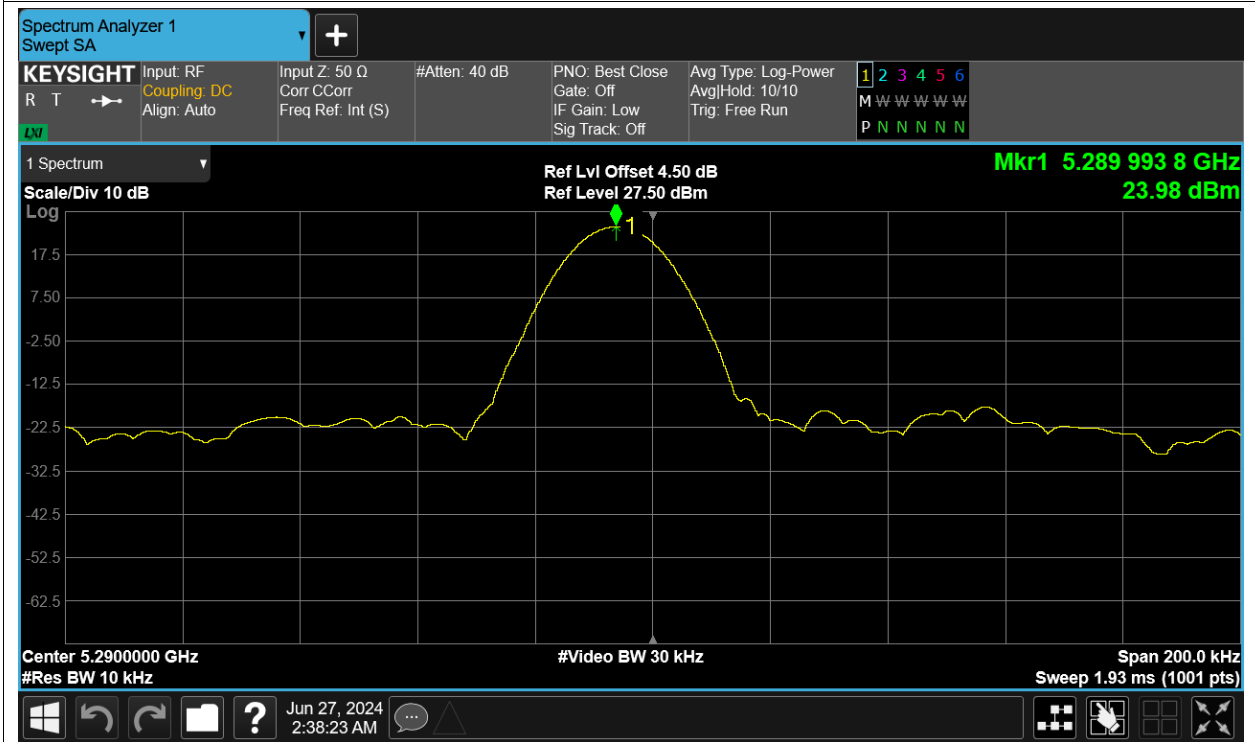
Freq. Stability NVHT ac80 5290MHz Ant1



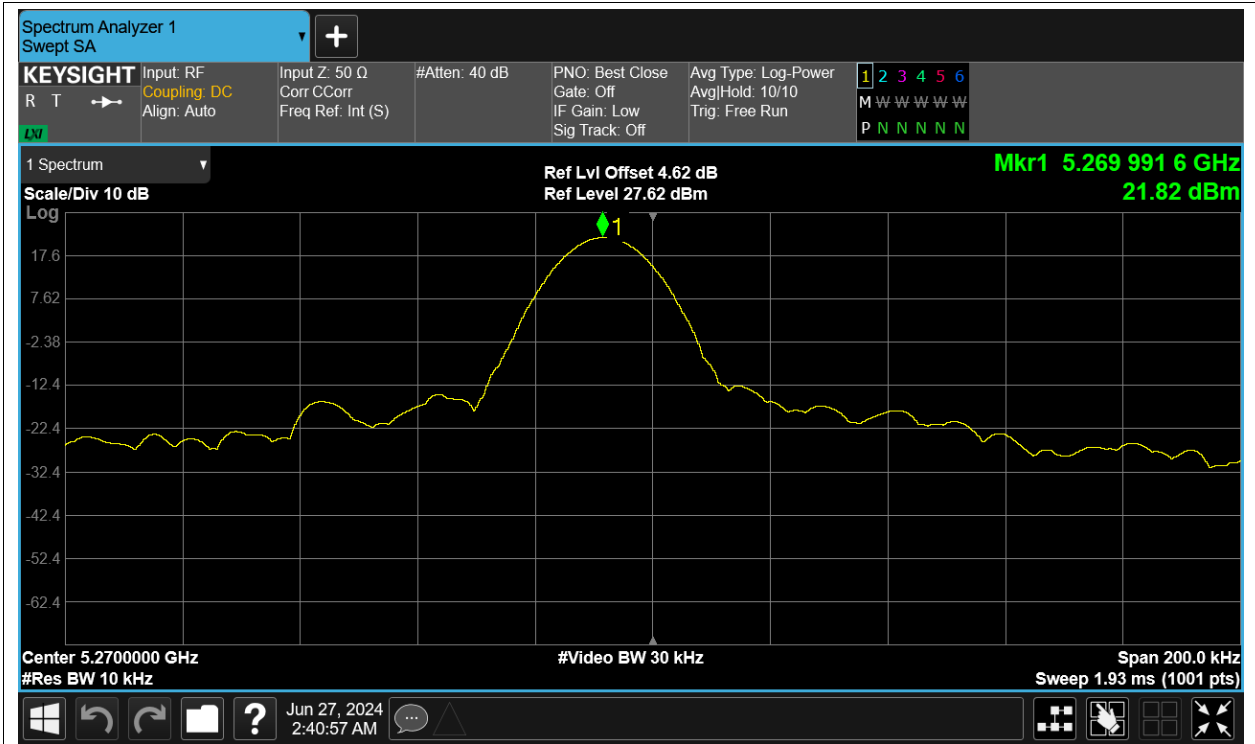
Freq. Stability NVLT ac80 5290MHz Ant1



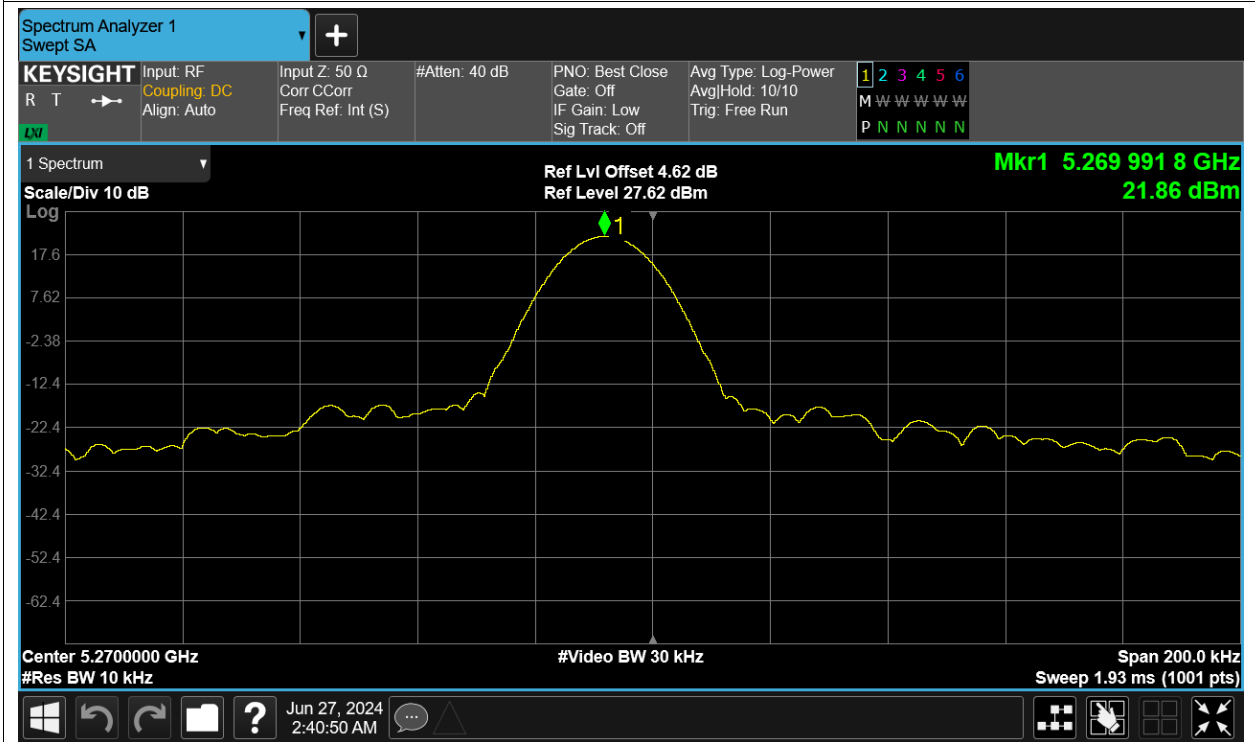
Freq. Stability NVNT ac80 5290MHz Ant1



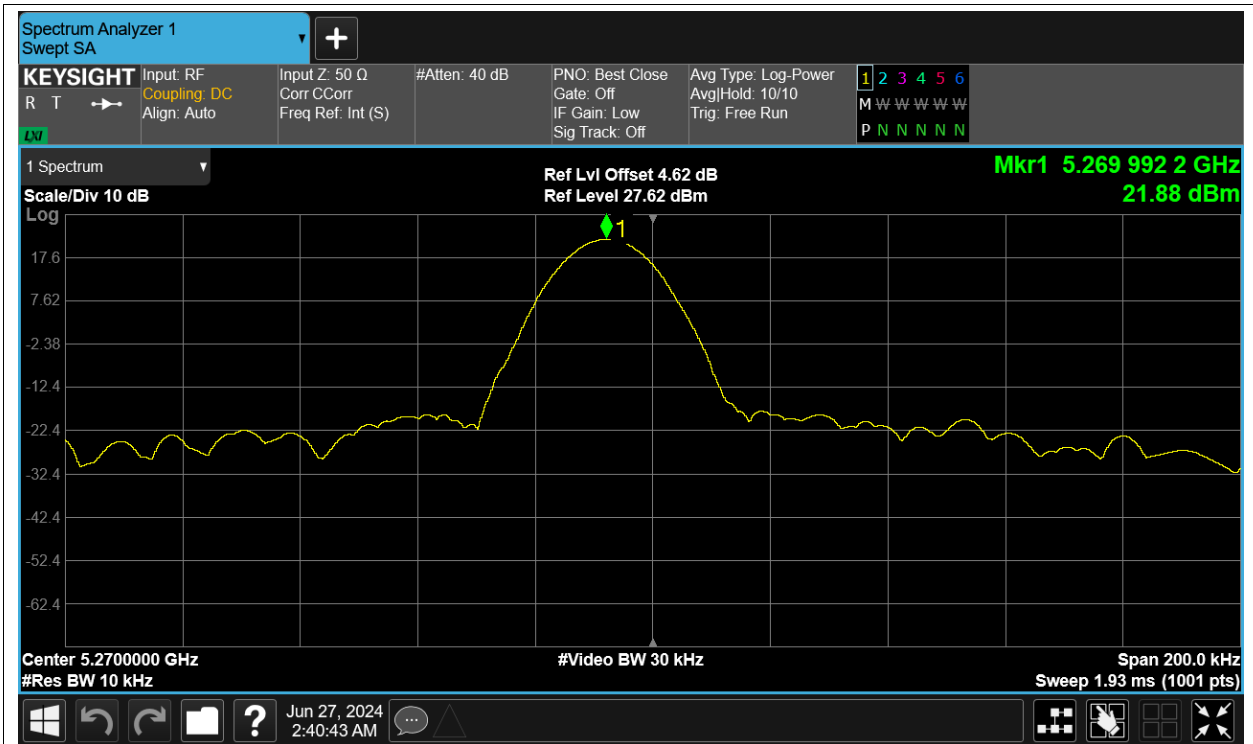
Freq. Stability HVNT n40 5270MHz Ant1



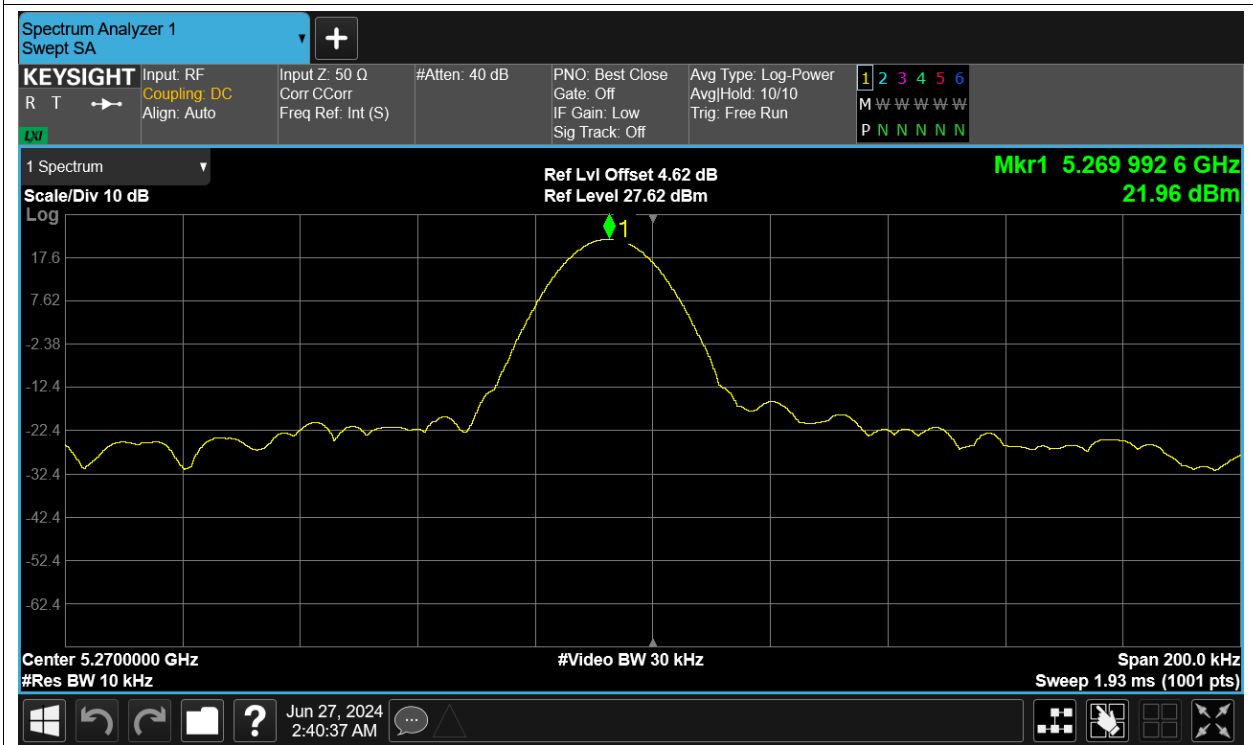
Freq. Stability LVNT n40 5270MHz Ant1



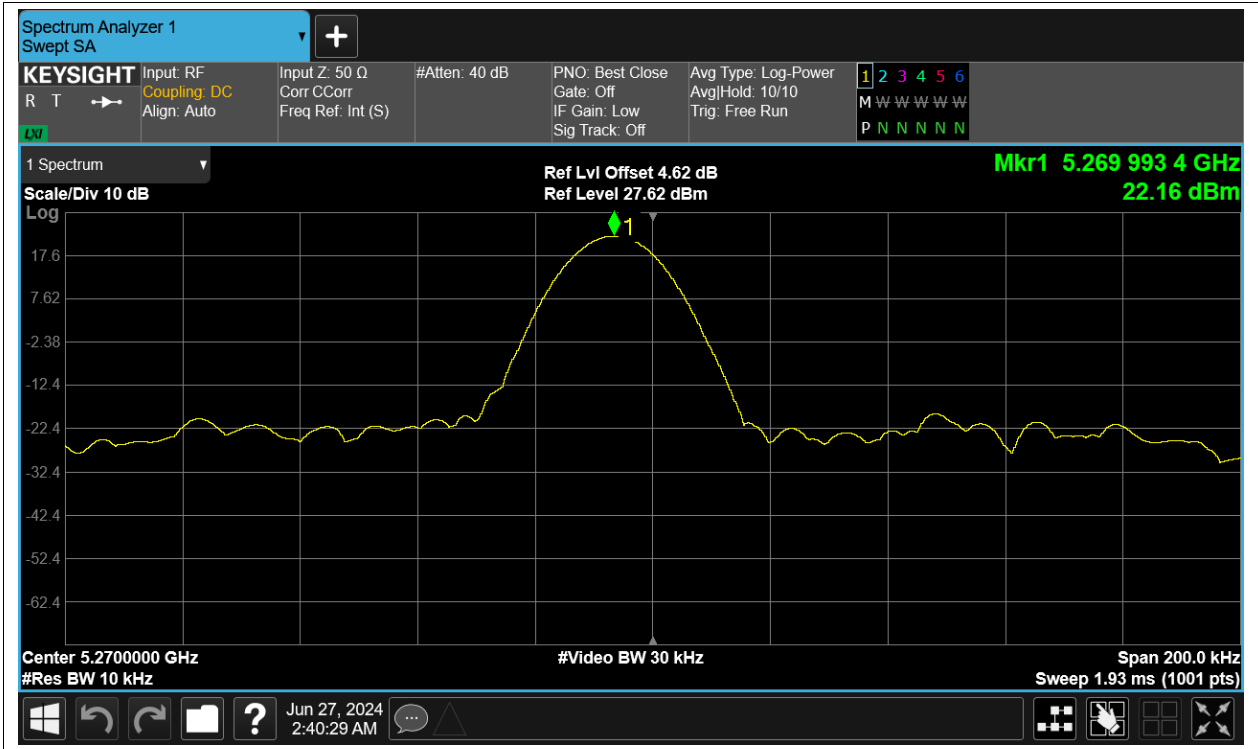
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1



Freq. Stability NVNT n40 5270MHz Ant1

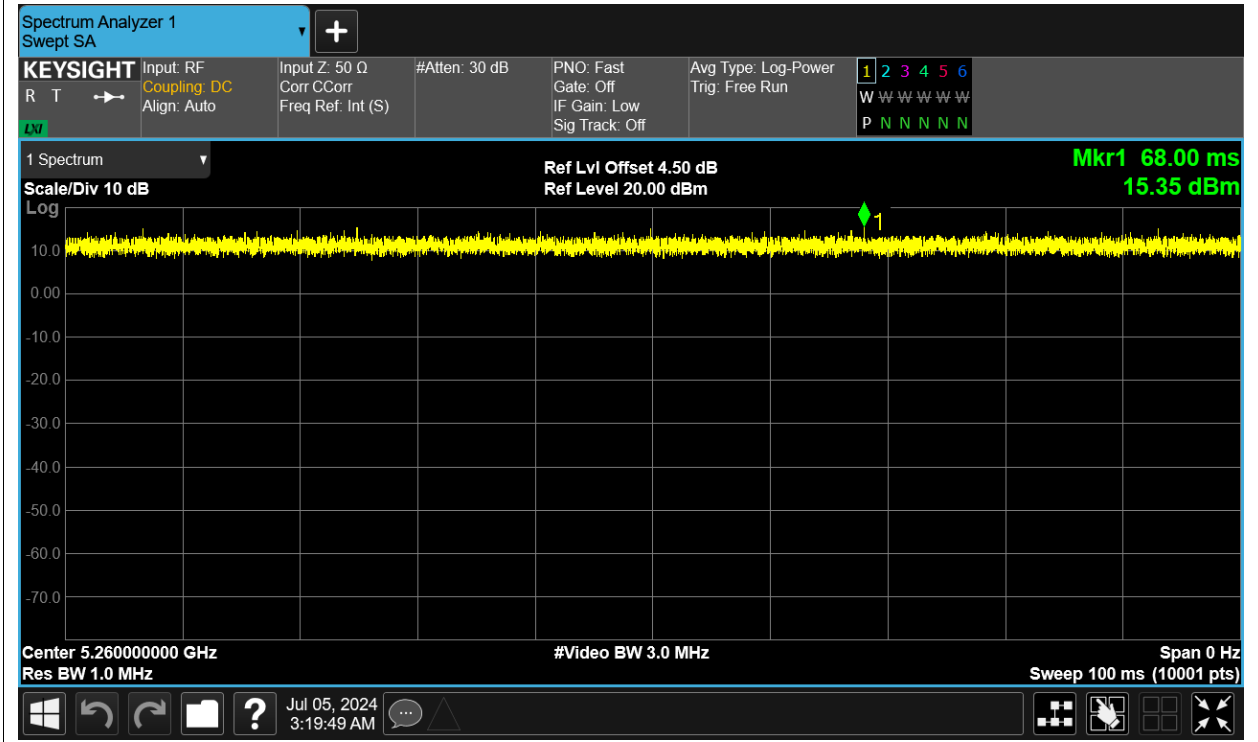


Duty Cycle

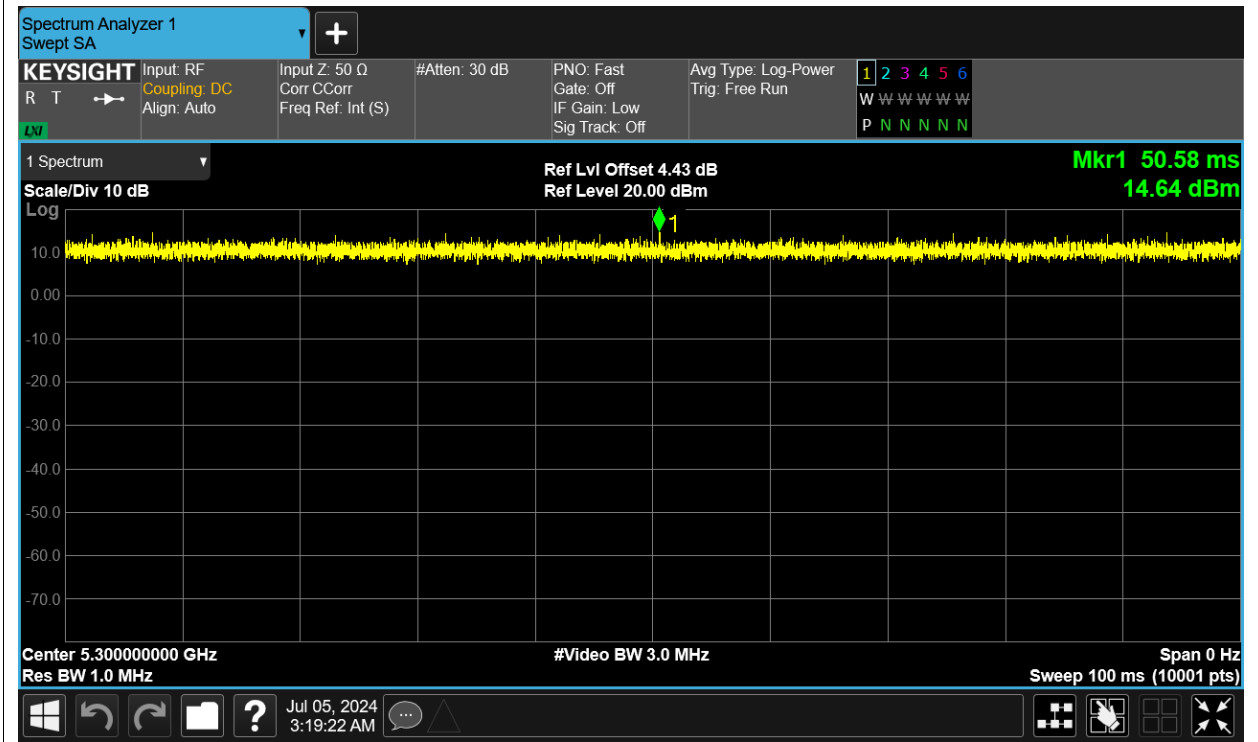
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	100	0
NVNT	a	5300	Ant1	100	0
NVNT	a	5320	Ant1	100	0
NVNT	ac20	5260	Ant1	100	0
NVNT	ac20	5300	Ant1	100	0
NVNT	ac20	5320	Ant1	100	0
NVNT	ac40	5270	Ant1	100	0
NVNT	ac40	5310	Ant1	100	0
NVNT	ac80	5290	Ant1	100	0
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

Test Graphs

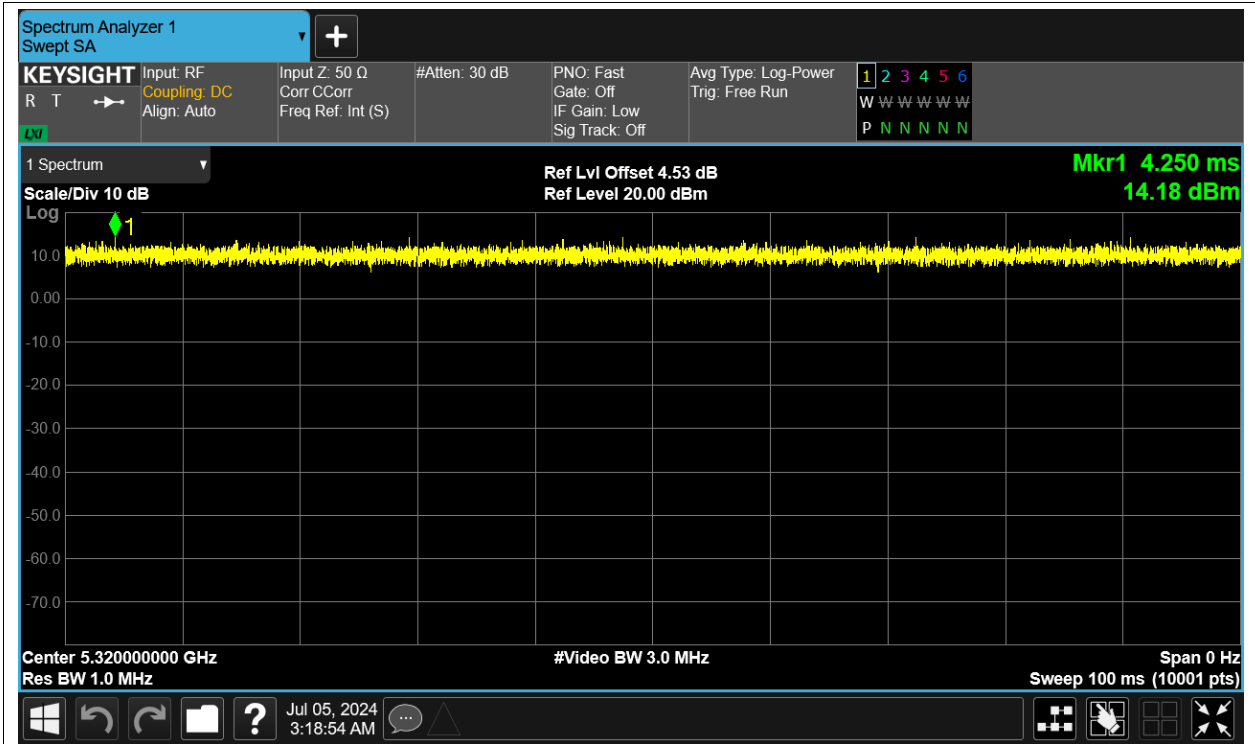
Duty Cycle NVNT a 5260MHz Ant1



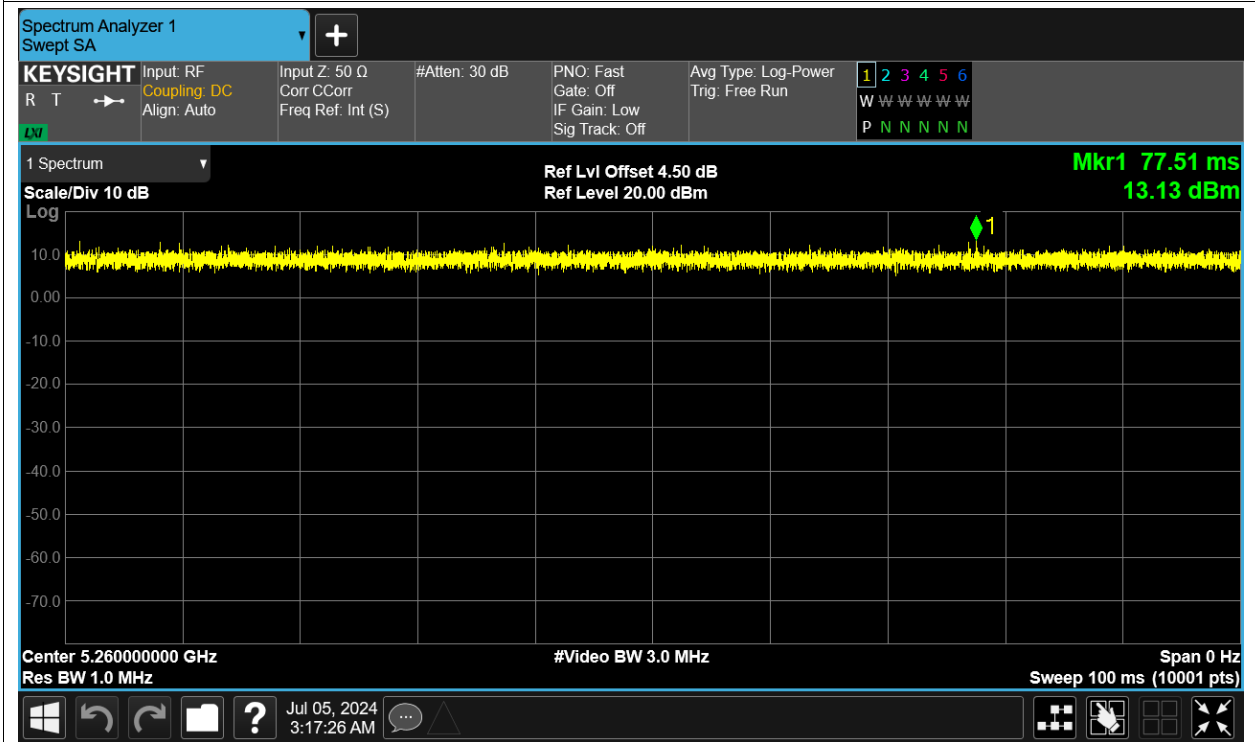
Duty Cycle NVNT a 5300MHz Ant1



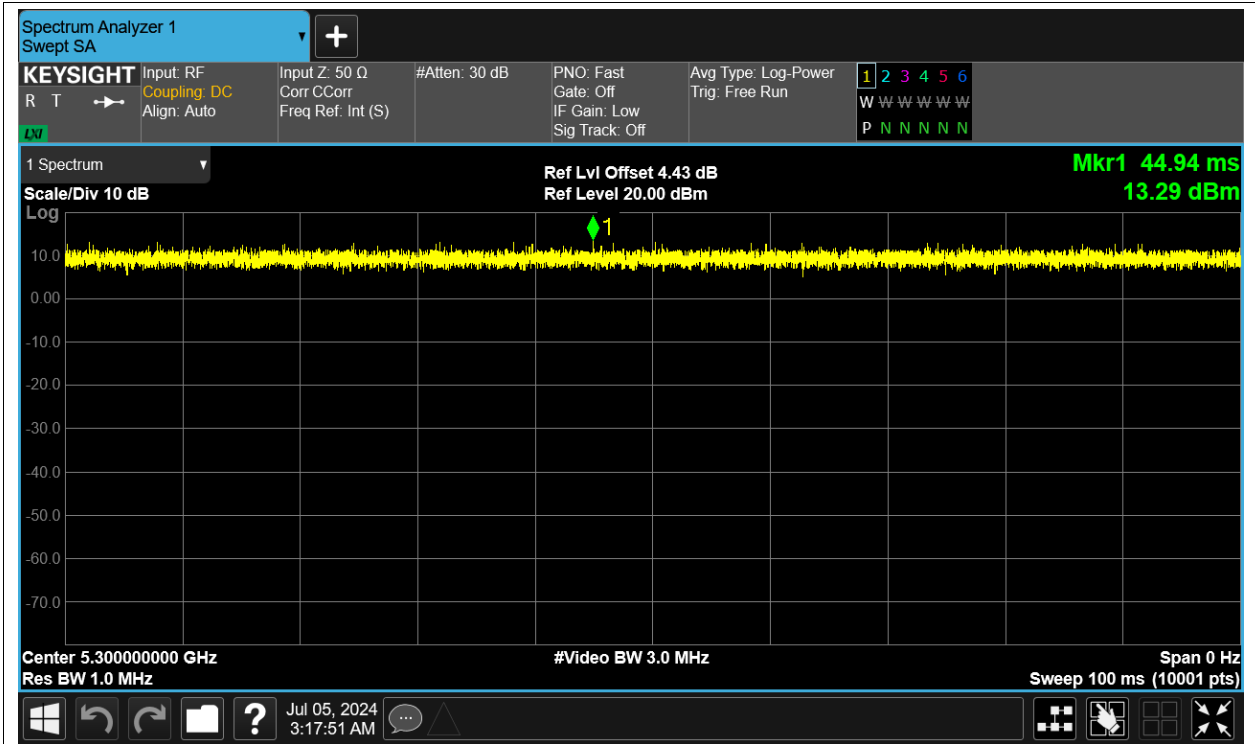
Duty Cycle NVNT a 5320MHz Ant1



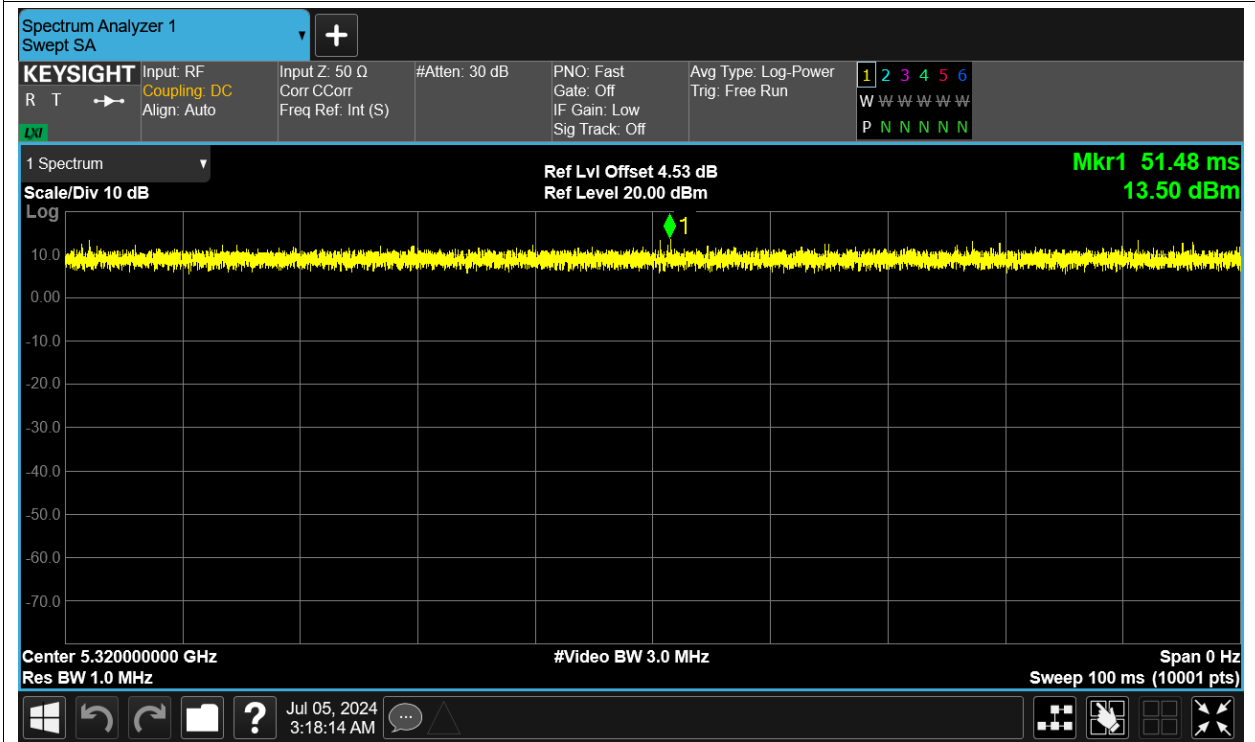
Duty Cycle NVNT ac20 5260MHz Ant1



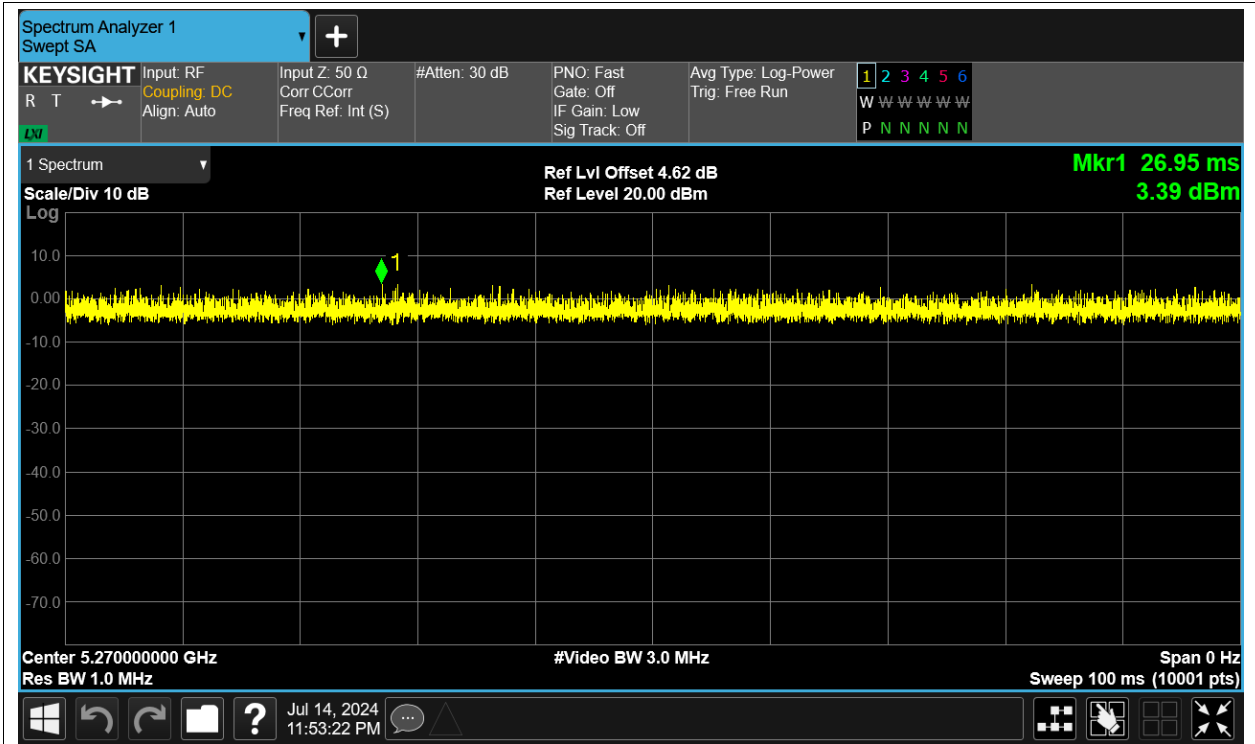
Duty Cycle NVNT ac20 5300MHz Ant1



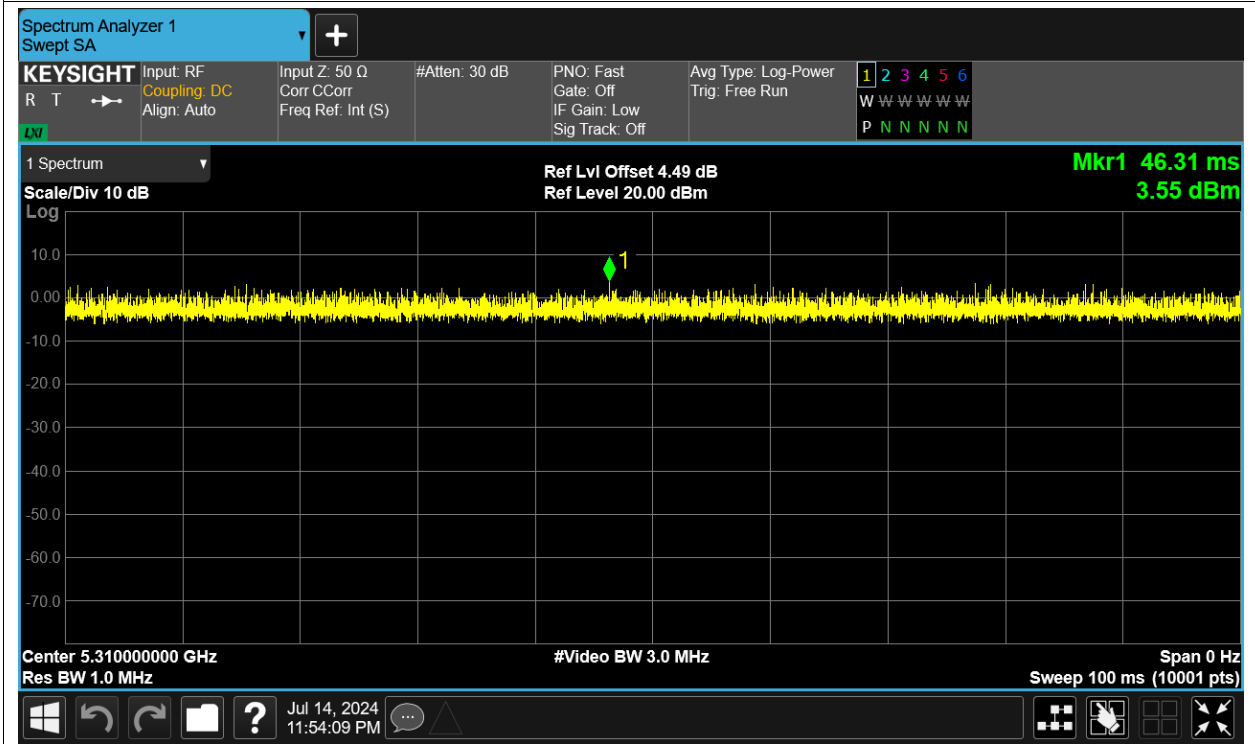
Duty Cycle NVNT ac20 5320MHz Ant1



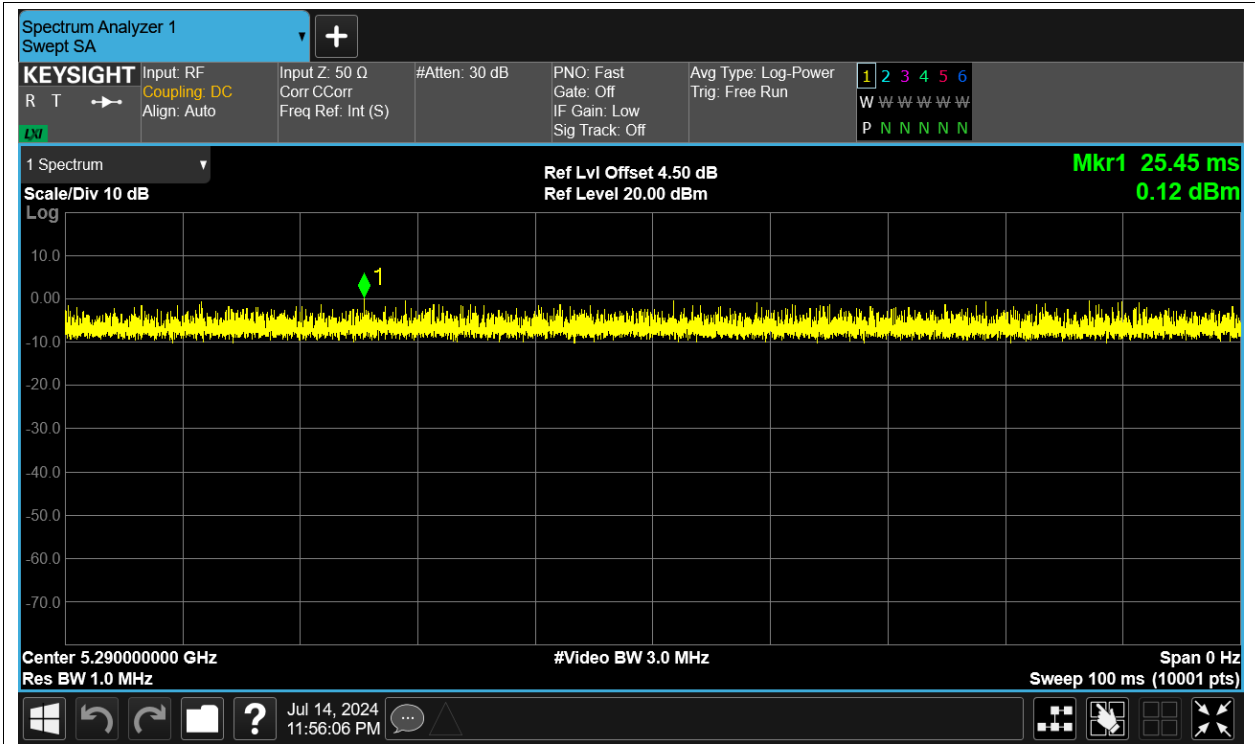
Duty Cycle NVNT ac40 5270MHz Ant1



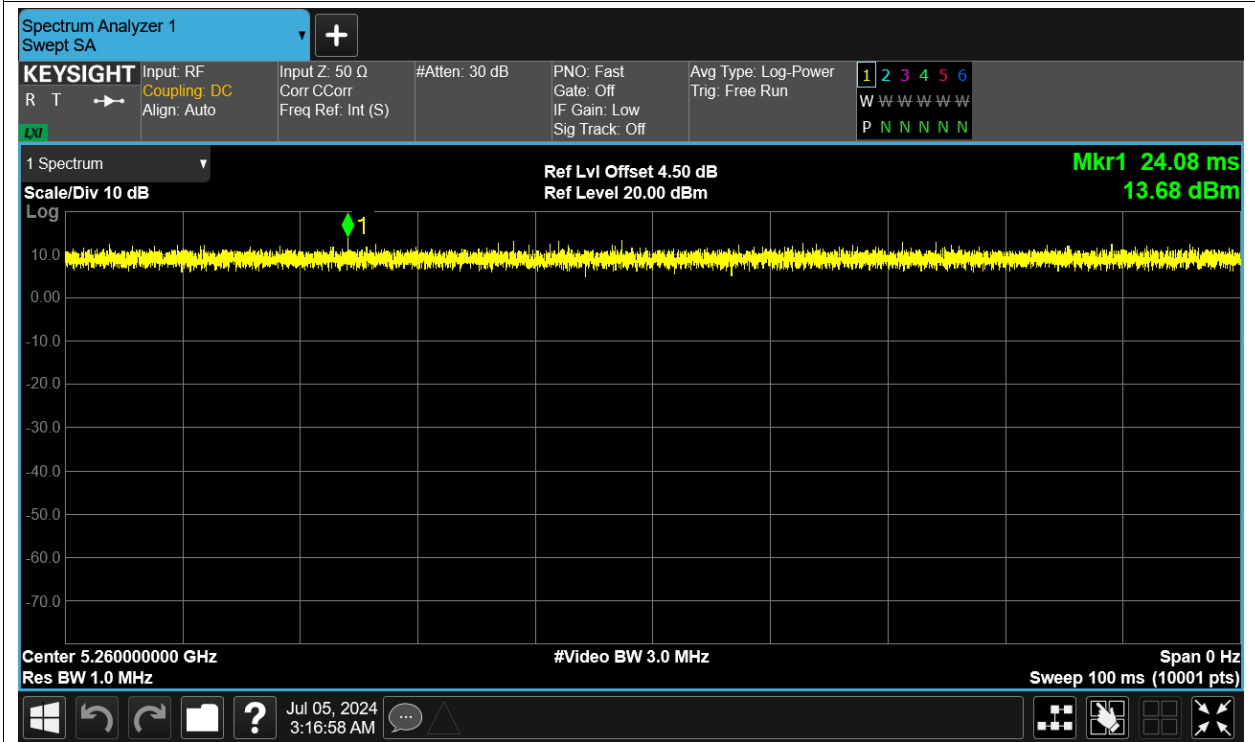
Duty Cycle NVNT ac40 5310MHz Ant1



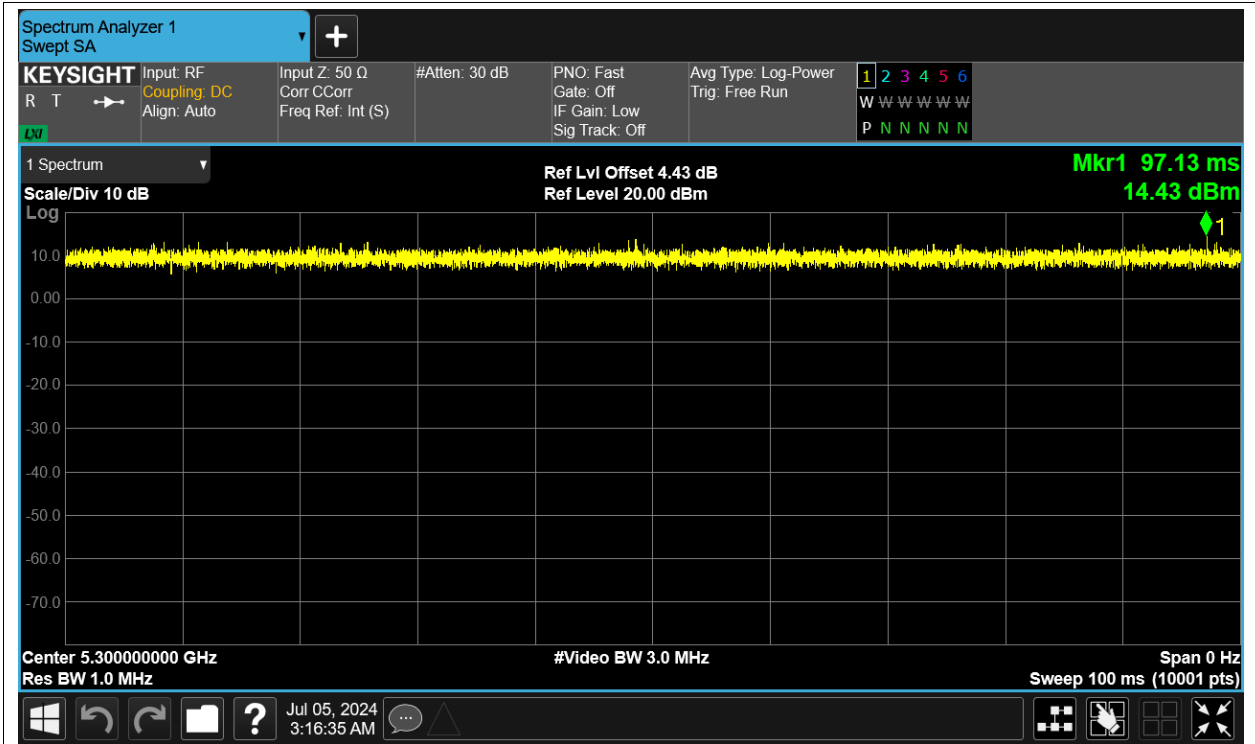
Duty Cycle NVNT ac80 5290MHz Ant1



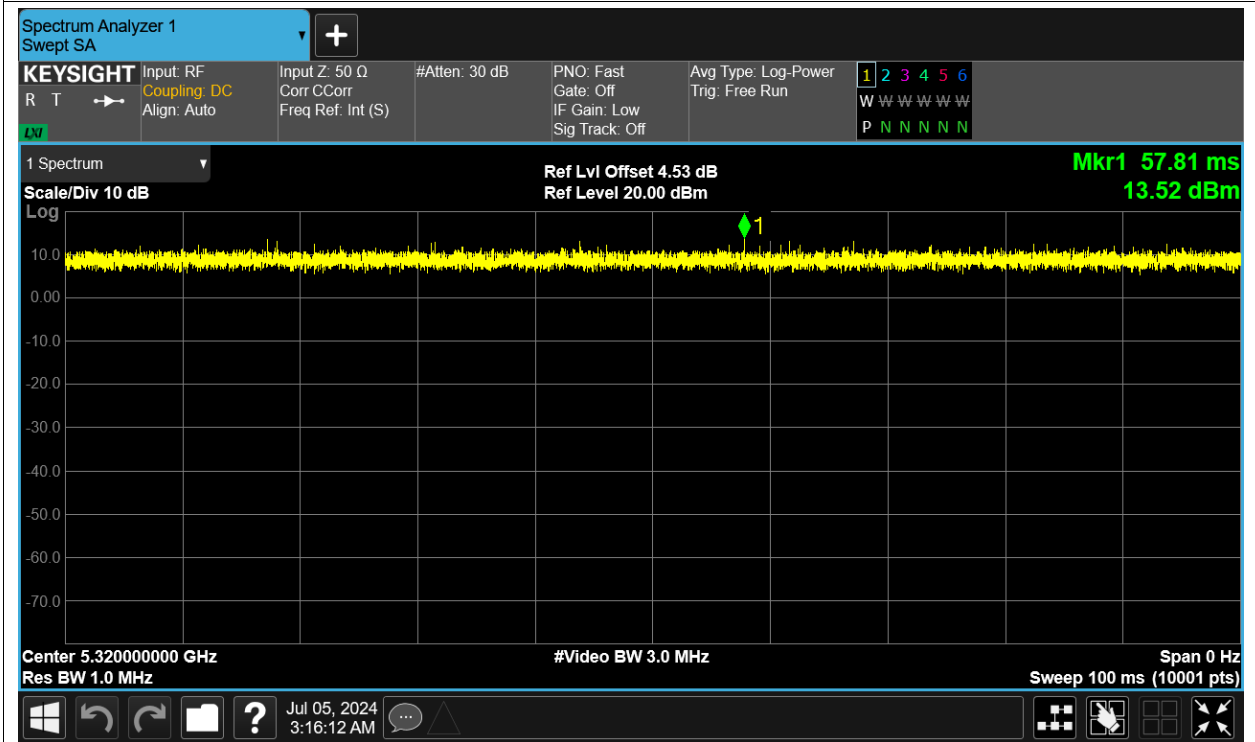
Duty Cycle NVNT n20 5260MHz Ant1



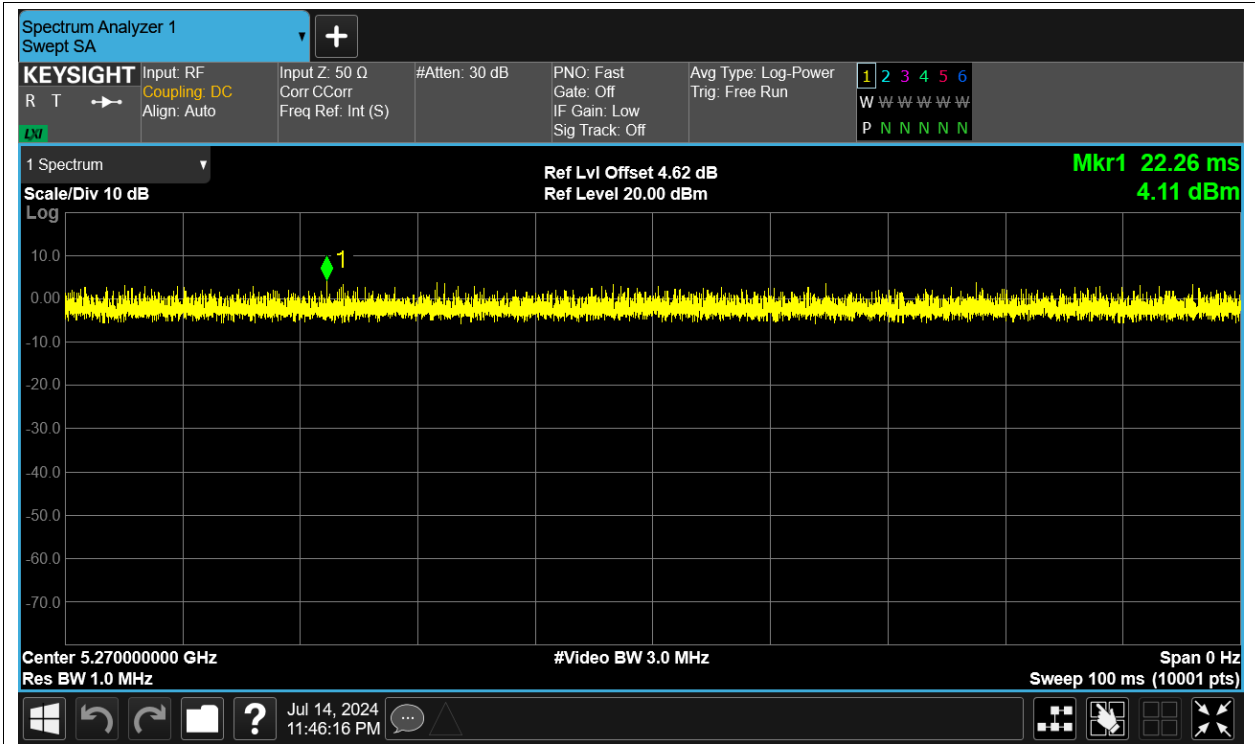
Duty Cycle NVNT n20 5300MHz Ant1



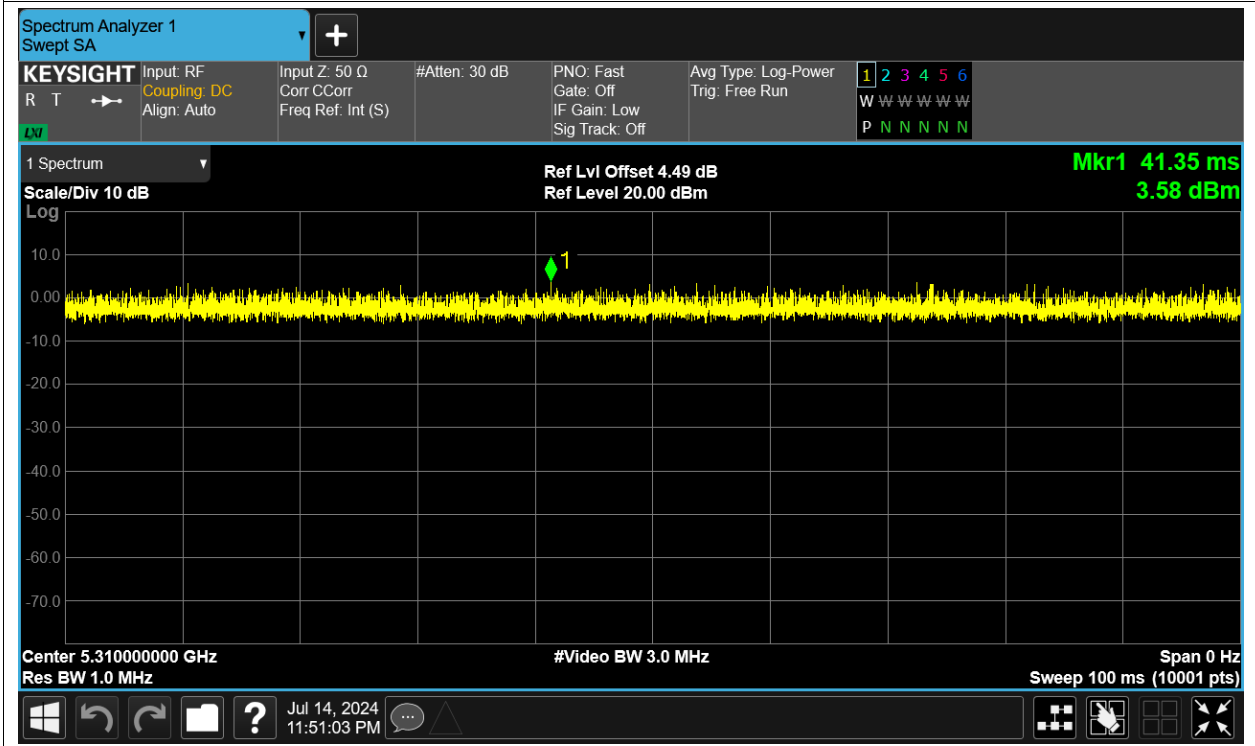
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Maximum Conducted Output Power

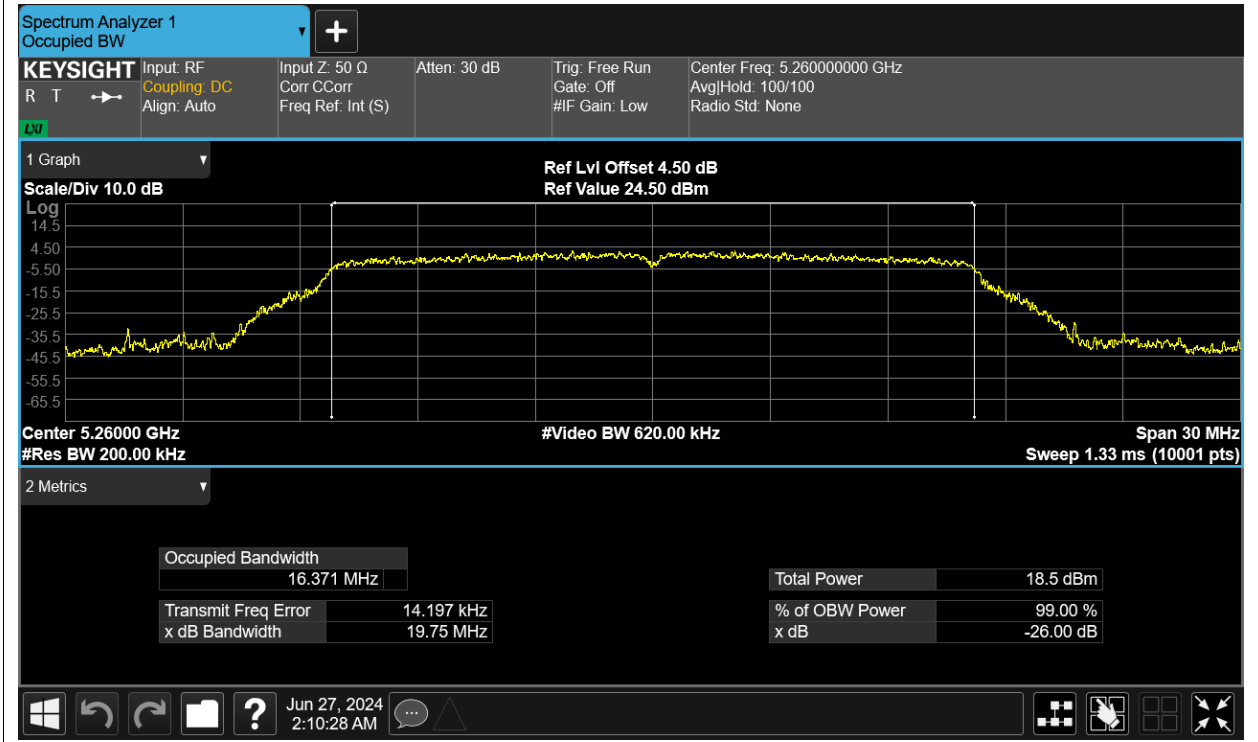
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	17.75	0	17.75	24	Pass
NVNT	a	5300	Ant1	16.92	0	16.92	24	Pass
NVNT	a	5320	Ant1	17.22	0	17.22	24	Pass
NVNT	ac20	5260	Ant1	15.76	0	15.76	24	Pass
NVNT	ac20	5300	Ant1	15.93	0	15.93	24	Pass
NVNT	ac20	5320	Ant1	16.31	0	16.31	24	Pass
NVNT	ac40	5270	Ant1	10.56	0	10.56	24	Pass
NVNT	ac40	5310	Ant1	10.85	0	10.85	24	Pass
NVNT	ac80	5290	Ant1	9.82	0	9.82	24	Pass
NVNT	n20	5260	Ant1	15.99	0	15.99	24	Pass
NVNT	n20	5300	Ant1	16.02	0	16.02	24	Pass
NVNT	n20	5320	Ant1	16.03	0	16.03	24	Pass
NVNT	n40	5270	Ant1	10.94	0	10.94	24	Pass
NVNT	n40	5310	Ant1	11.1	0	11.1	24	Pass

Occupied Channel Bandwidth

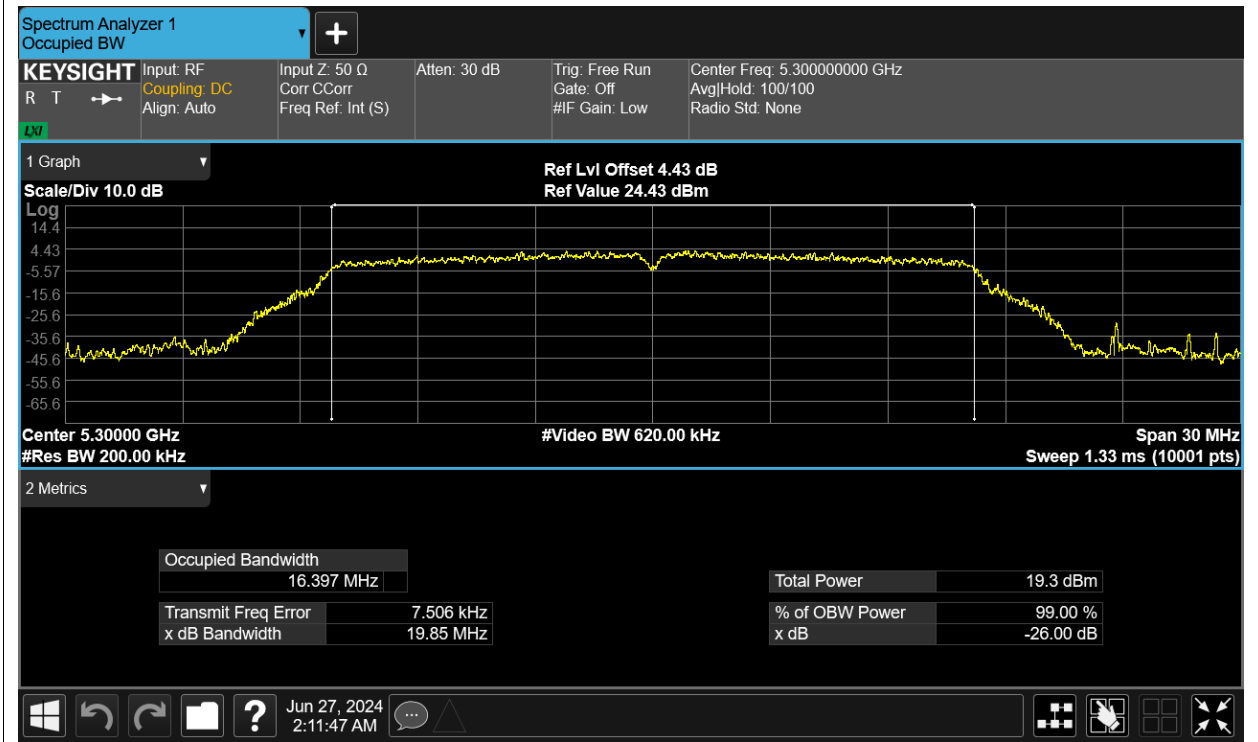
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.371
NVNT	a	5300	Ant1	16.397
NVNT	a	5320	Ant1	16.42
NVNT	ac20	5260	Ant1	17.536
NVNT	ac20	5300	Ant1	17.522
NVNT	ac20	5320	Ant1	17.559
NVNT	ac40	5270	Ant1	35.954
NVNT	ac40	5310	Ant1	35.921
NVNT	ac80	5290	Ant1	75.104
NVNT	n20	5260	Ant1	17.542
NVNT	n20	5300	Ant1	17.552
NVNT	n20	5320	Ant1	17.56
NVNT	n40	5270	Ant1	35.897
NVNT	n40	5310	Ant1	35.917

Test Graphs

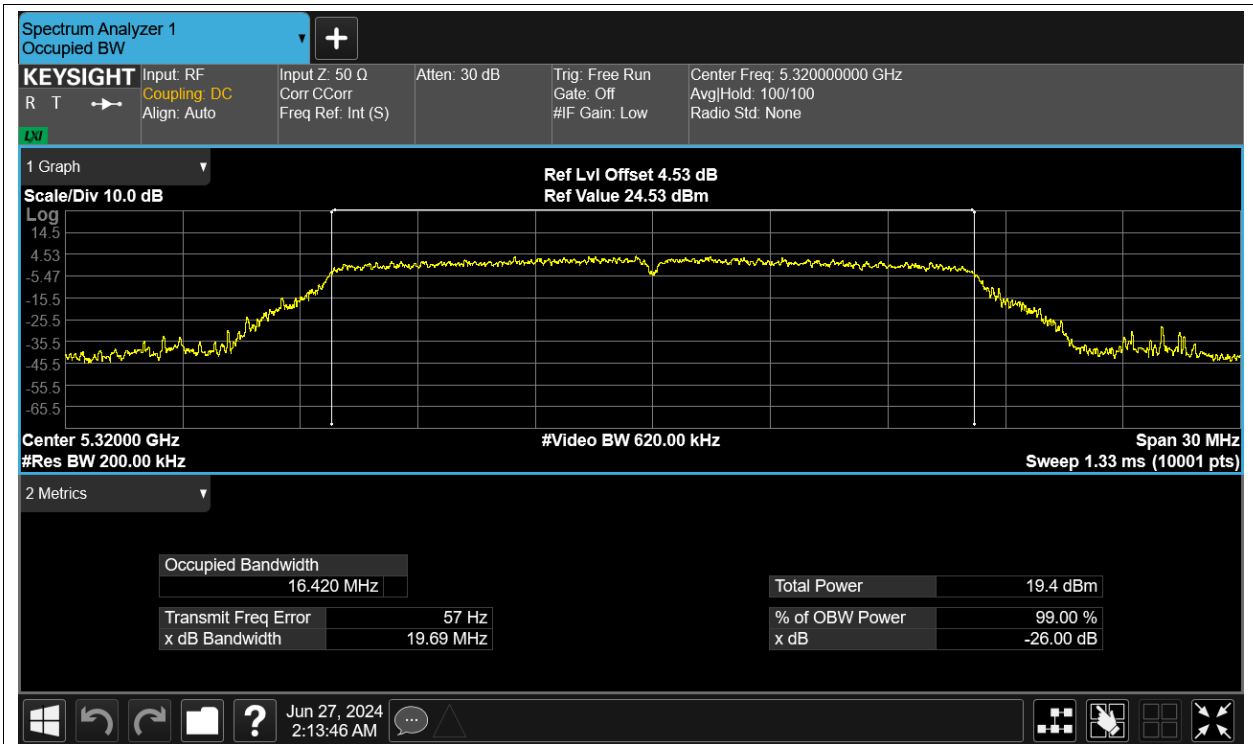
OBW NVNT a 5260MHz Ant1



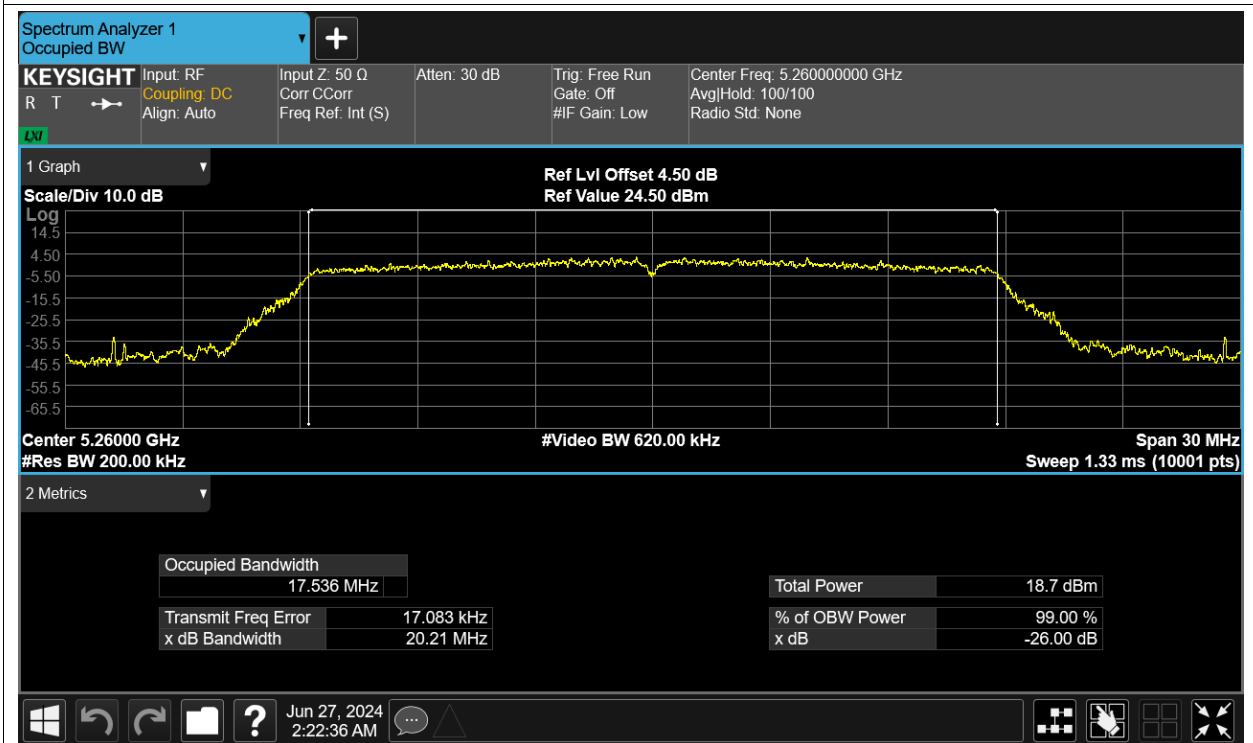
OBW NVNT a 5300MHz Ant1



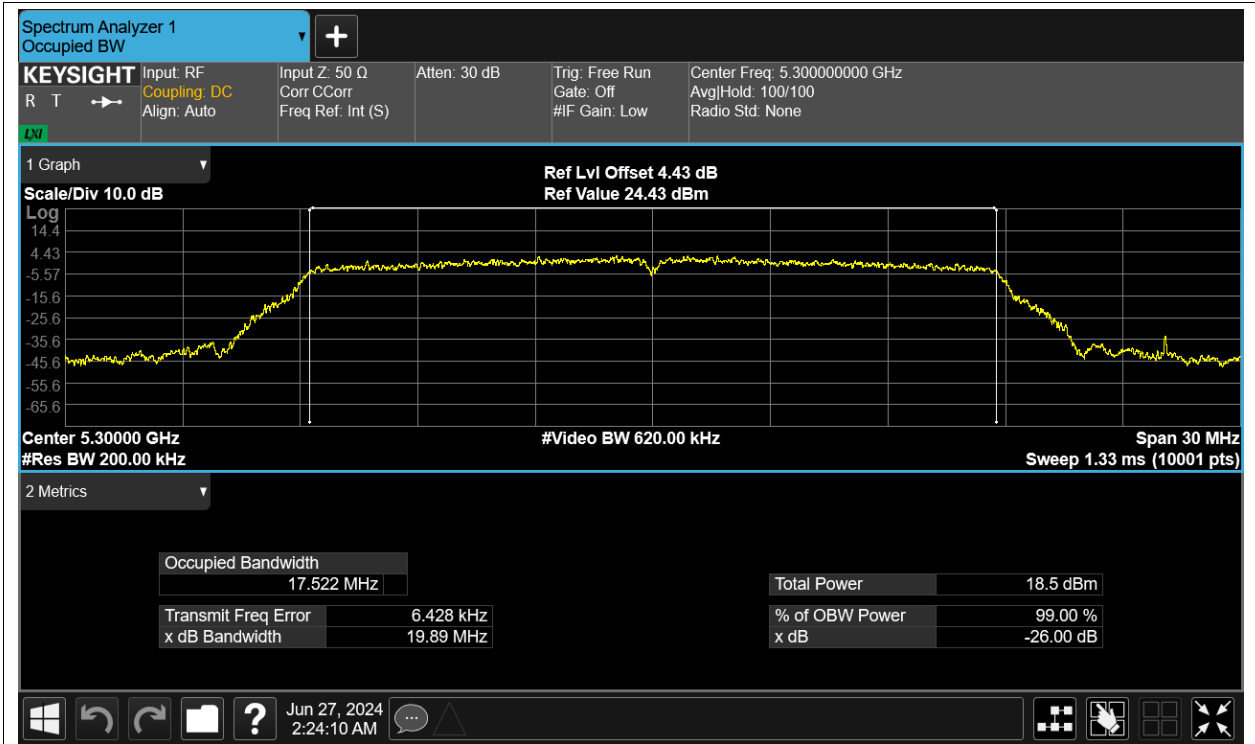
OBW NVNT a 5320MHz Ant1



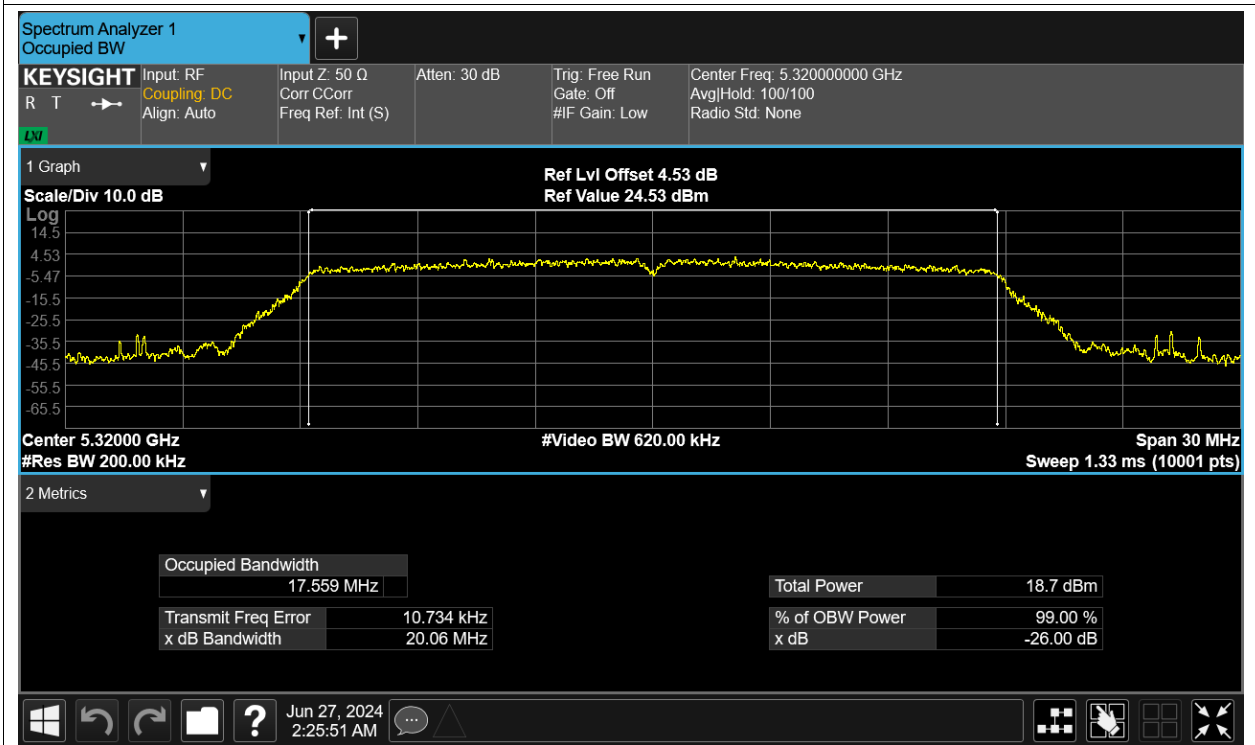
OBW NVNT ac20 5260MHz Ant1



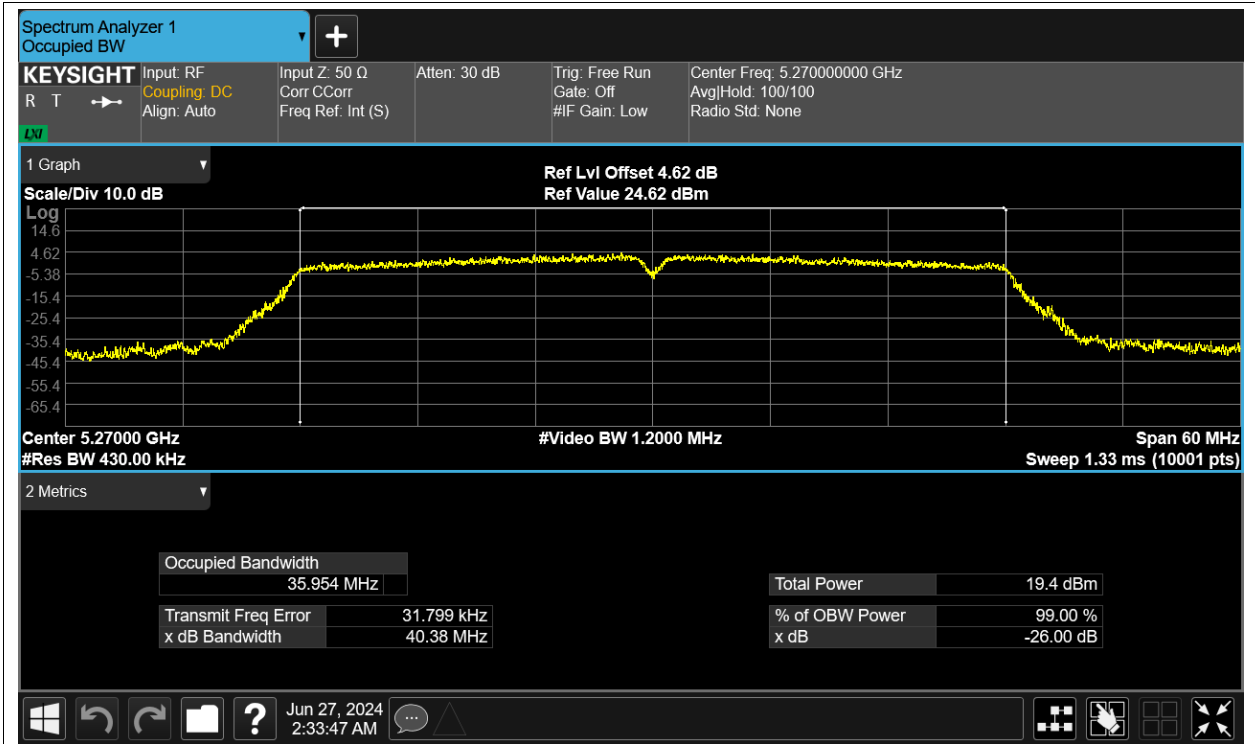
OBW NVNT ac20 5300MHz Ant1



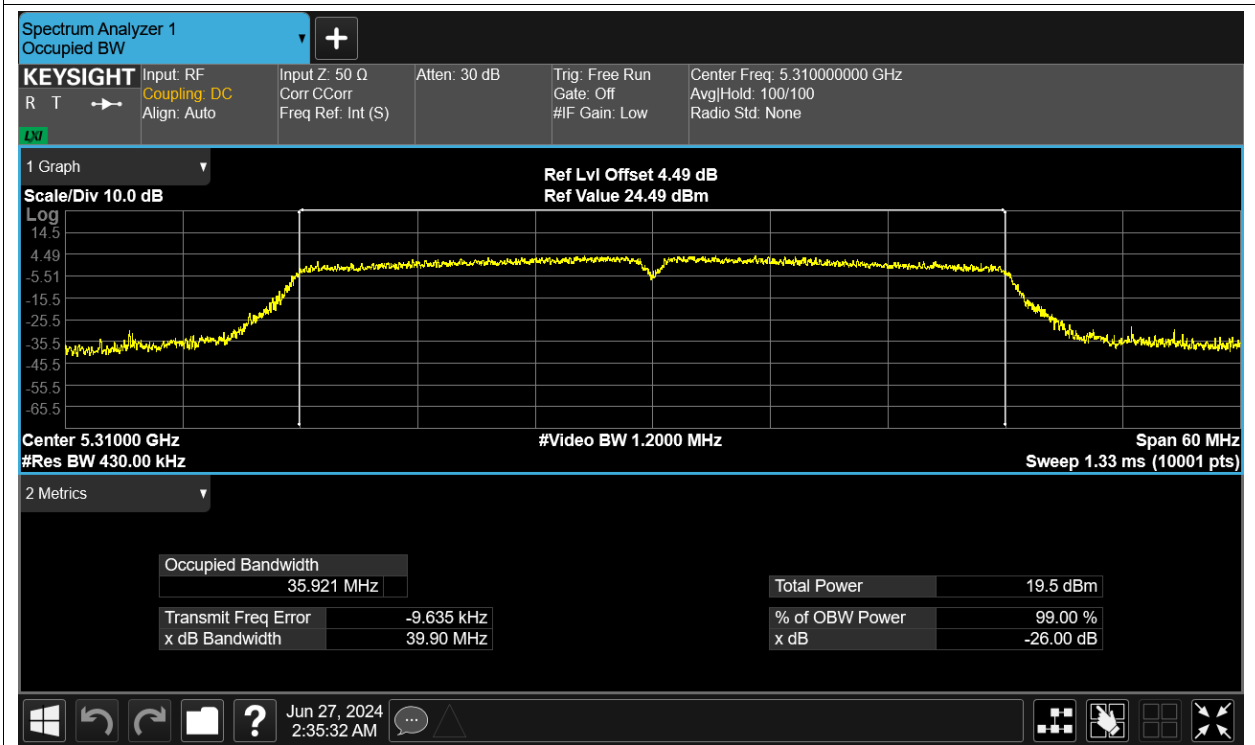
OBW NVNT ac20 5320MHz Ant1



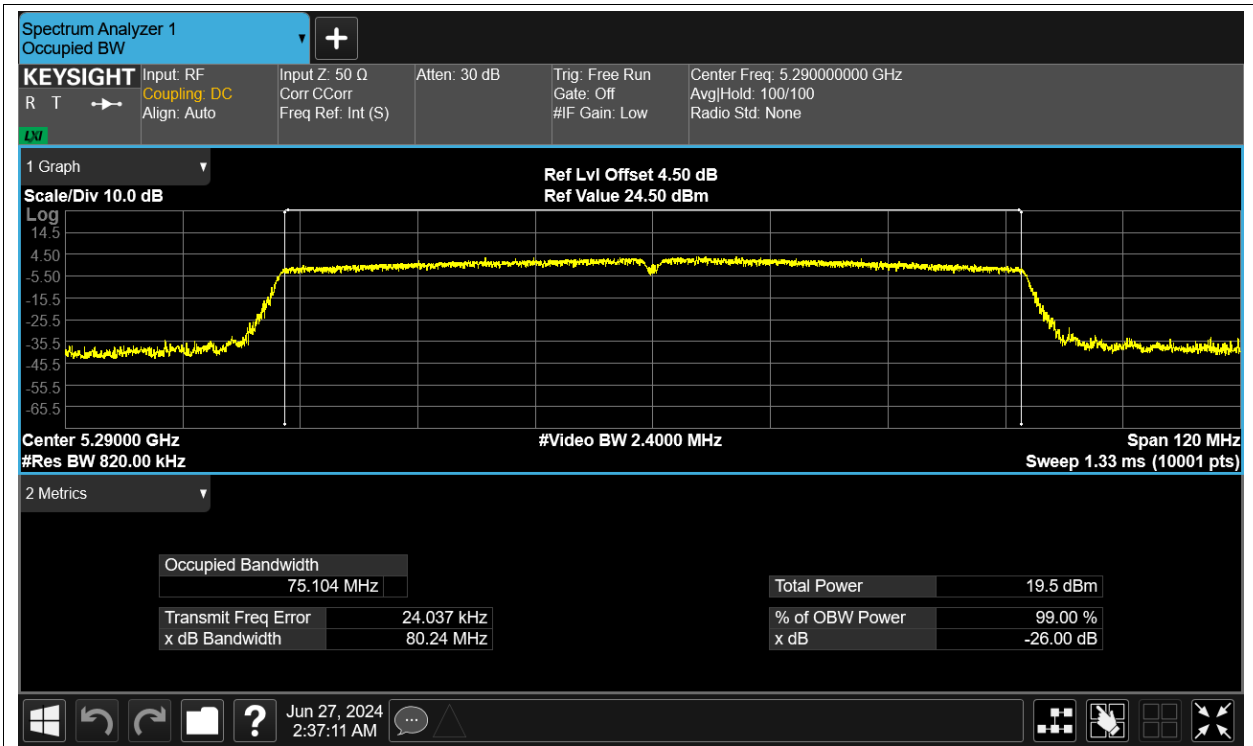
OBW NVNT ac40 5270MHz Ant1



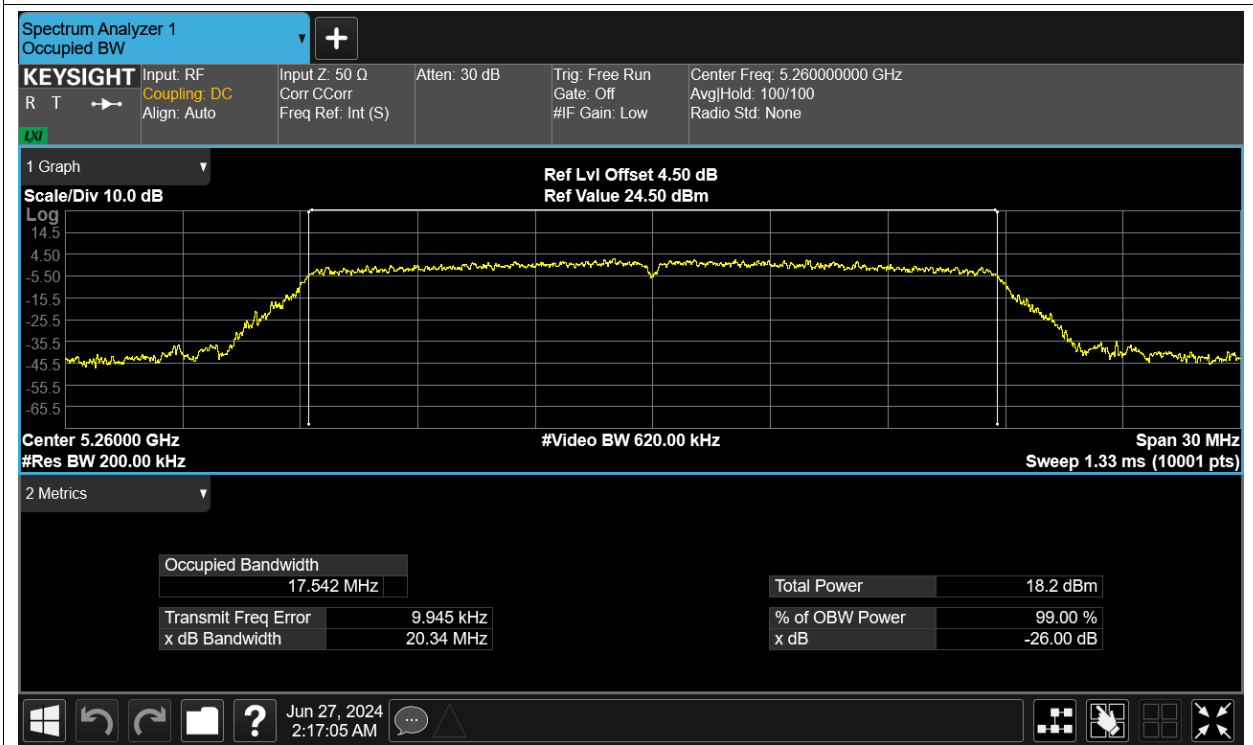
OBW NVNT ac40 5310MHz Ant1



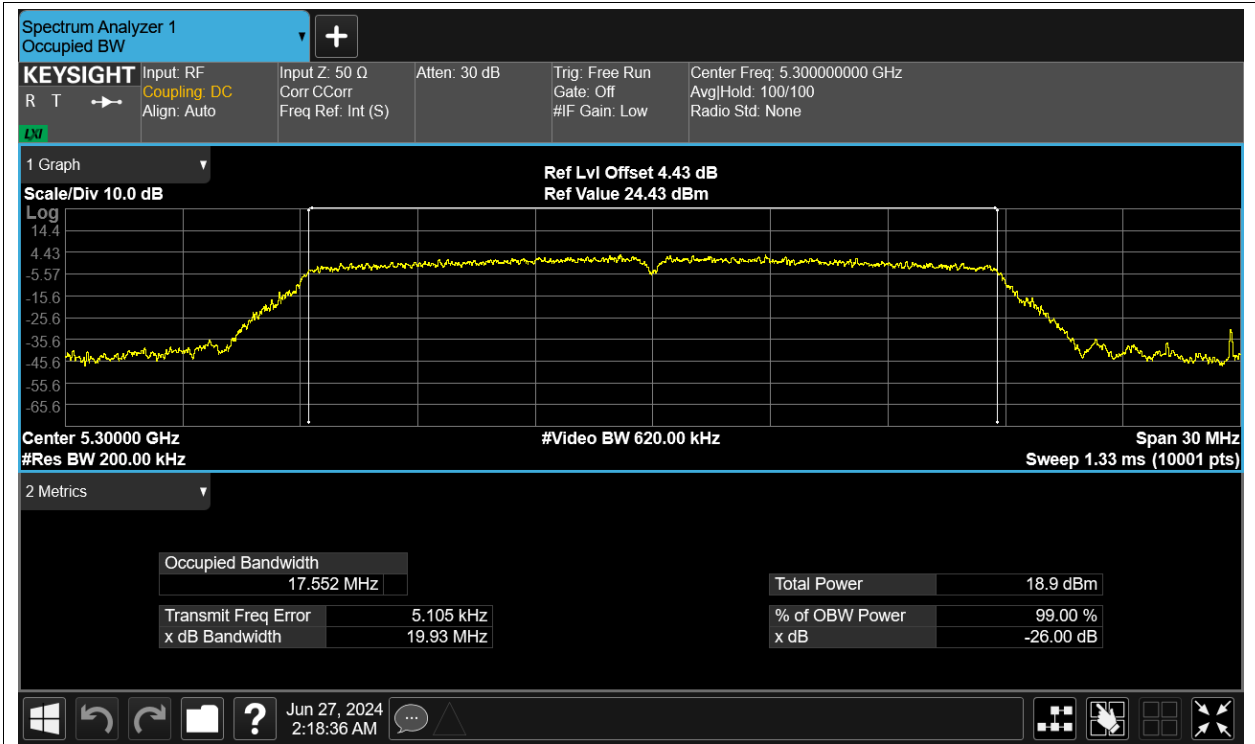
OBW NVNT ac80 5290MHz Ant1



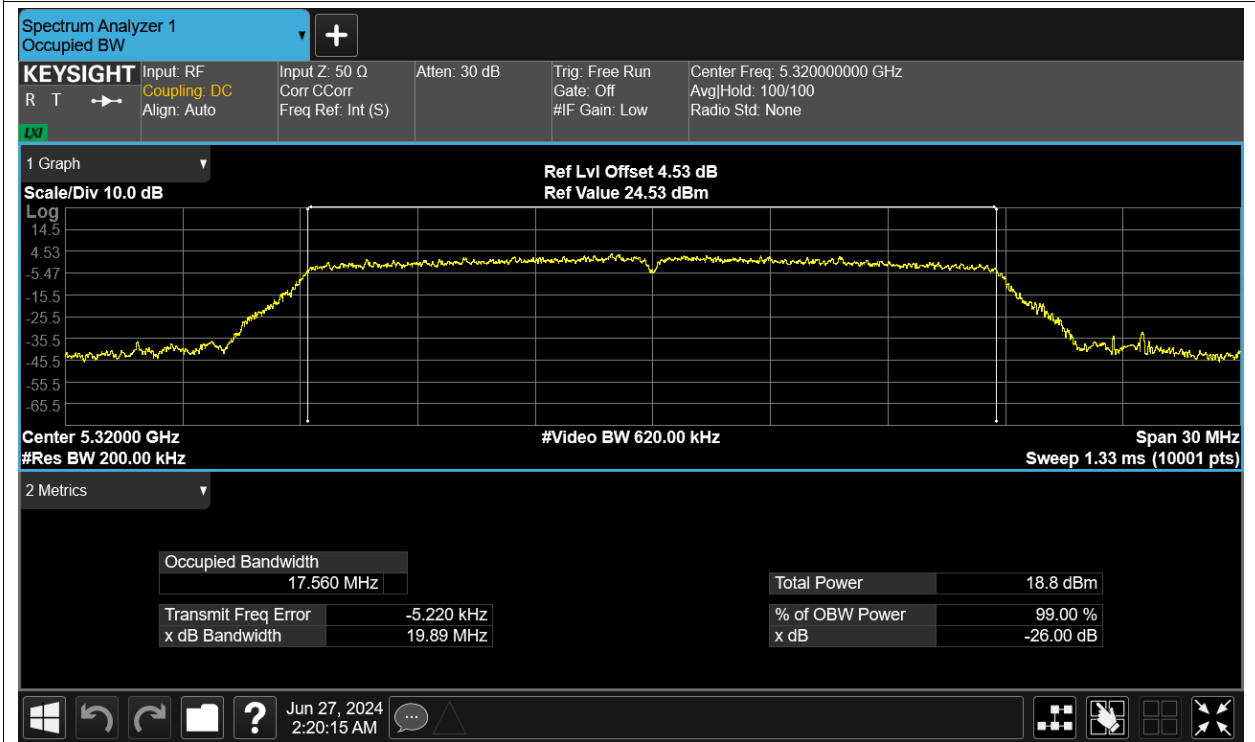
OBW NVNT n20 5260MHz Ant1



OBW NVNT n20 5300MHz Ant1



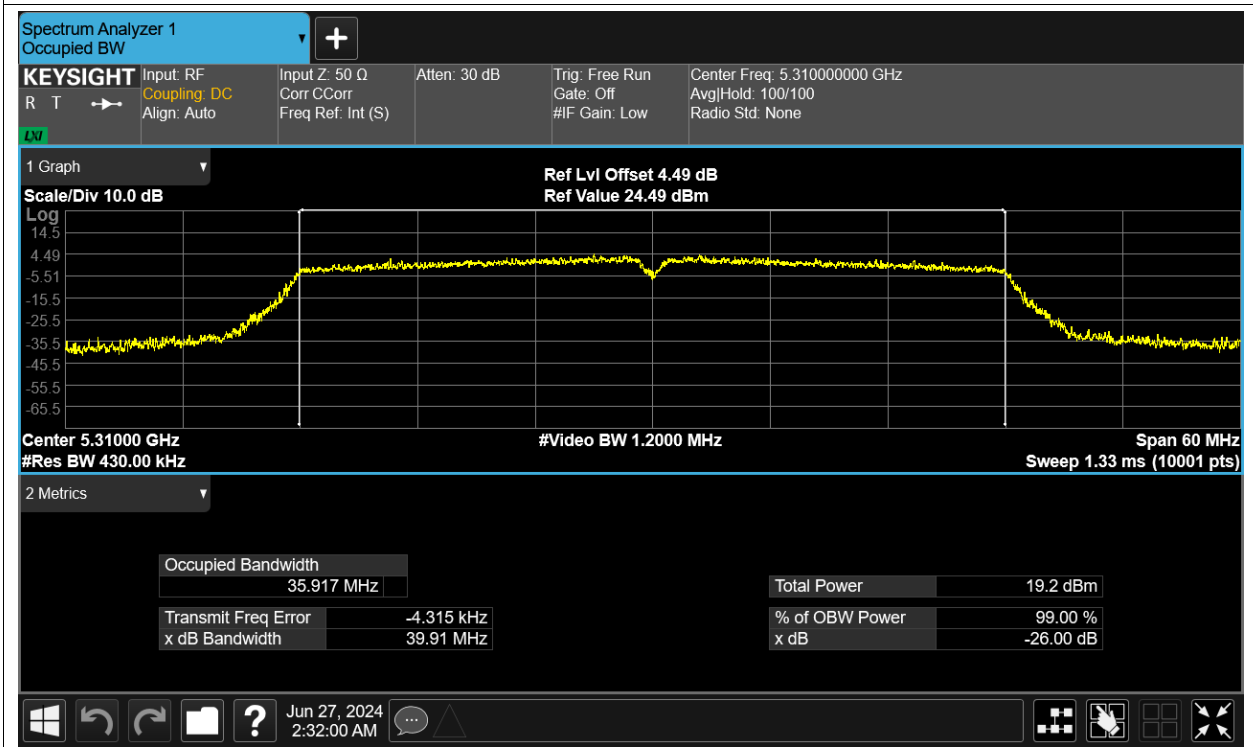
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1

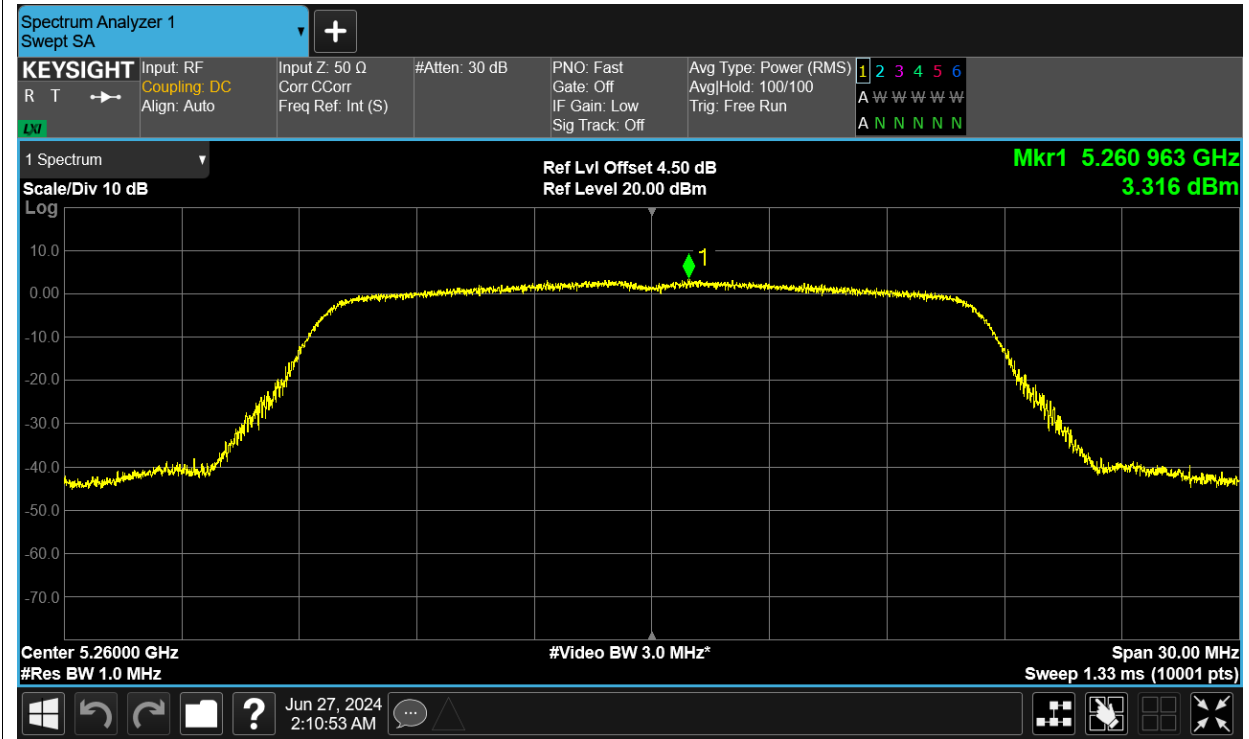


Maximum Power Spectral Density Level

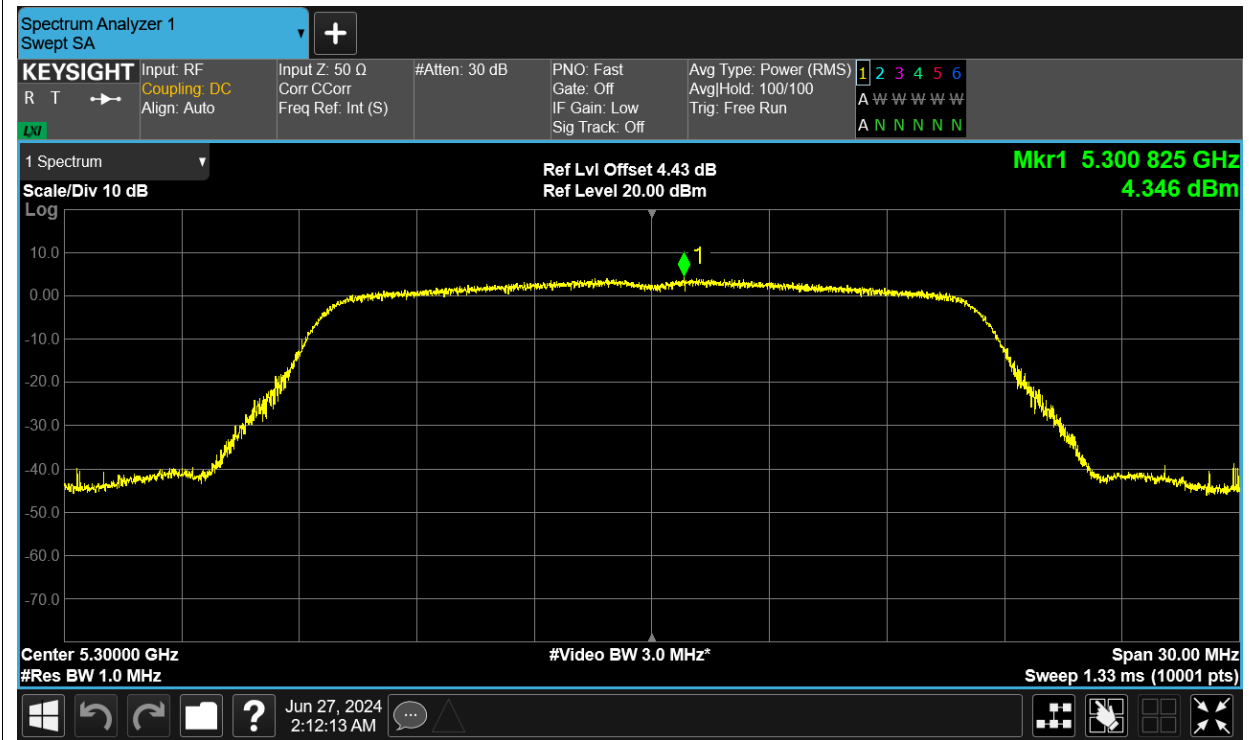
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	3.316	11	Pass
NVNT	a	5300	Ant1	4.346	11	Pass
NVNT	a	5320	Ant1	4.051	11	Pass
NVNT	ac20	5260	Ant1	3.538	11	Pass
NVNT	ac20	5300	Ant1	3.548	11	Pass
NVNT	ac20	5320	Ant1	3.247	11	Pass
NVNT	ac40	5270	Ant1	1.292	11	Pass
NVNT	ac40	5310	Ant1	1.276	11	Pass
NVNT	ac80	5290	Ant1	-2.442	11	Pass
NVNT	n20	5260	Ant1	2.937	11	Pass
NVNT	n20	5300	Ant1	3.614	11	Pass
NVNT	n20	5320	Ant1	3.598	11	Pass
NVNT	n40	5270	Ant1	1.201	11	Pass
NVNT	n40	5310	Ant1	0.785	11	Pass

Test Graphs

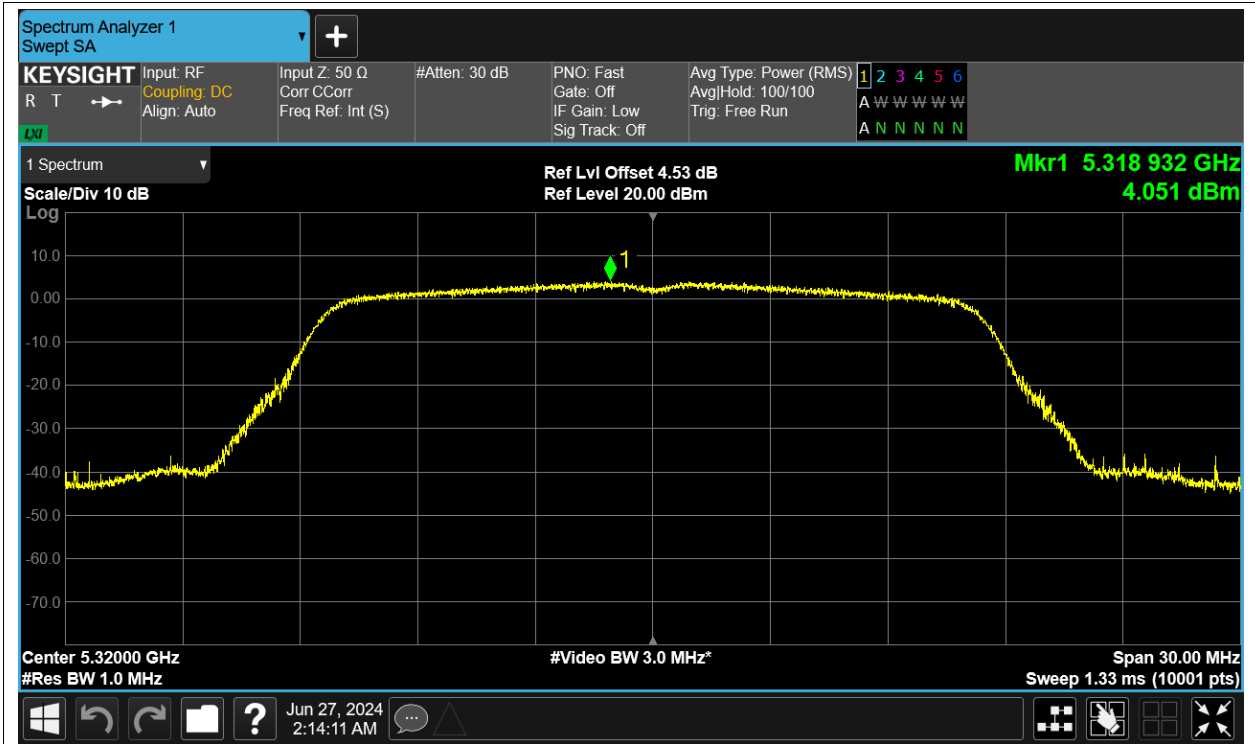
PSD NVNT a 5260MHz Ant1



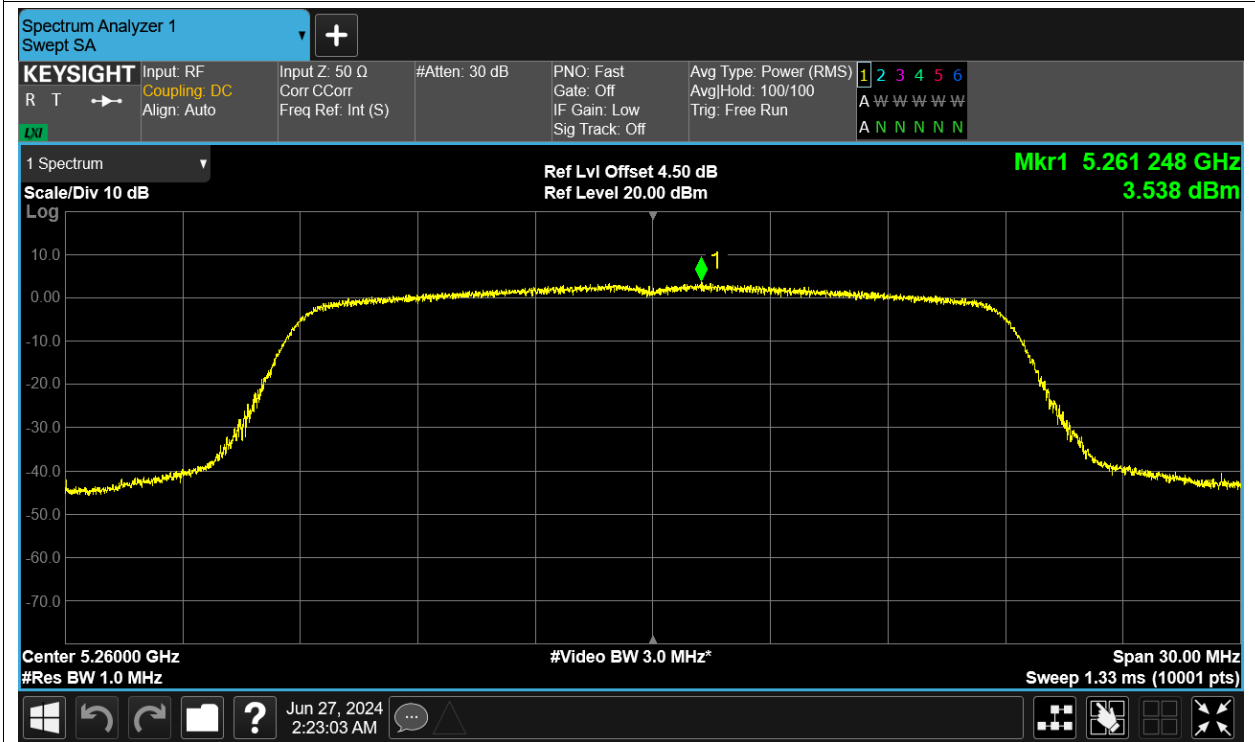
PSD NVNT a 5300MHz Ant1



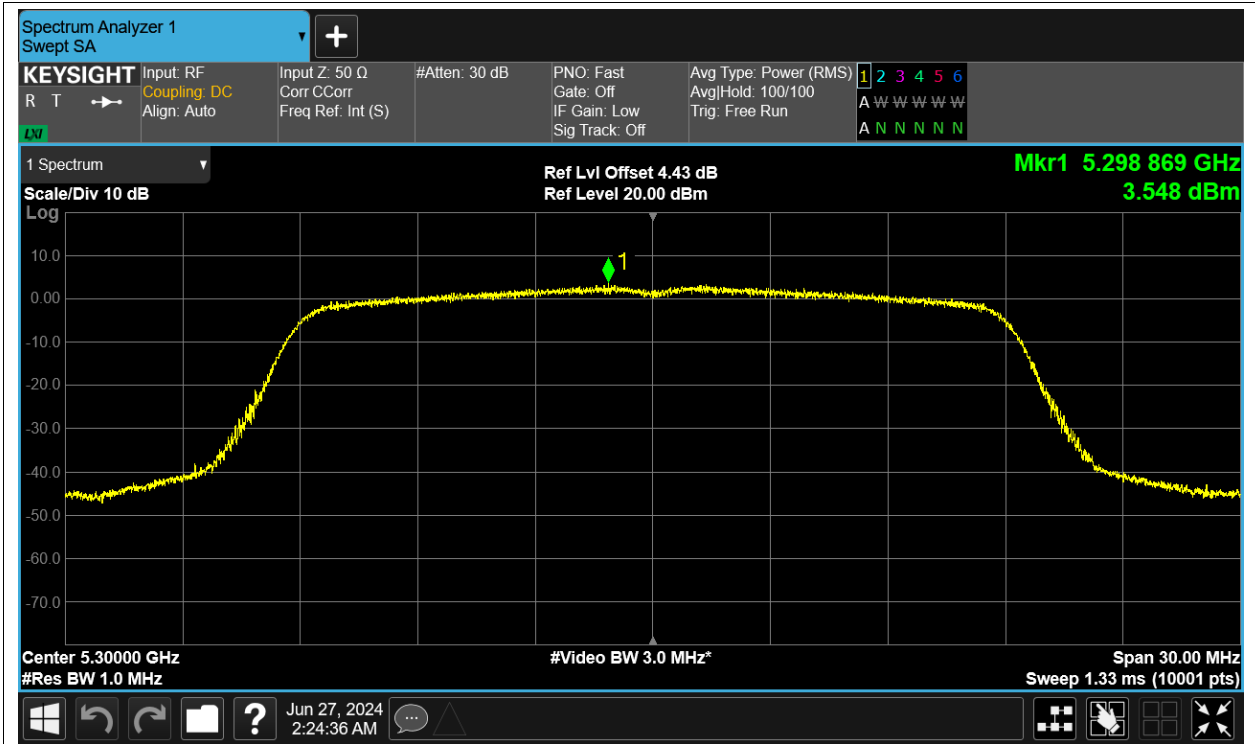
PSD NVNT a 5320MHz Ant1



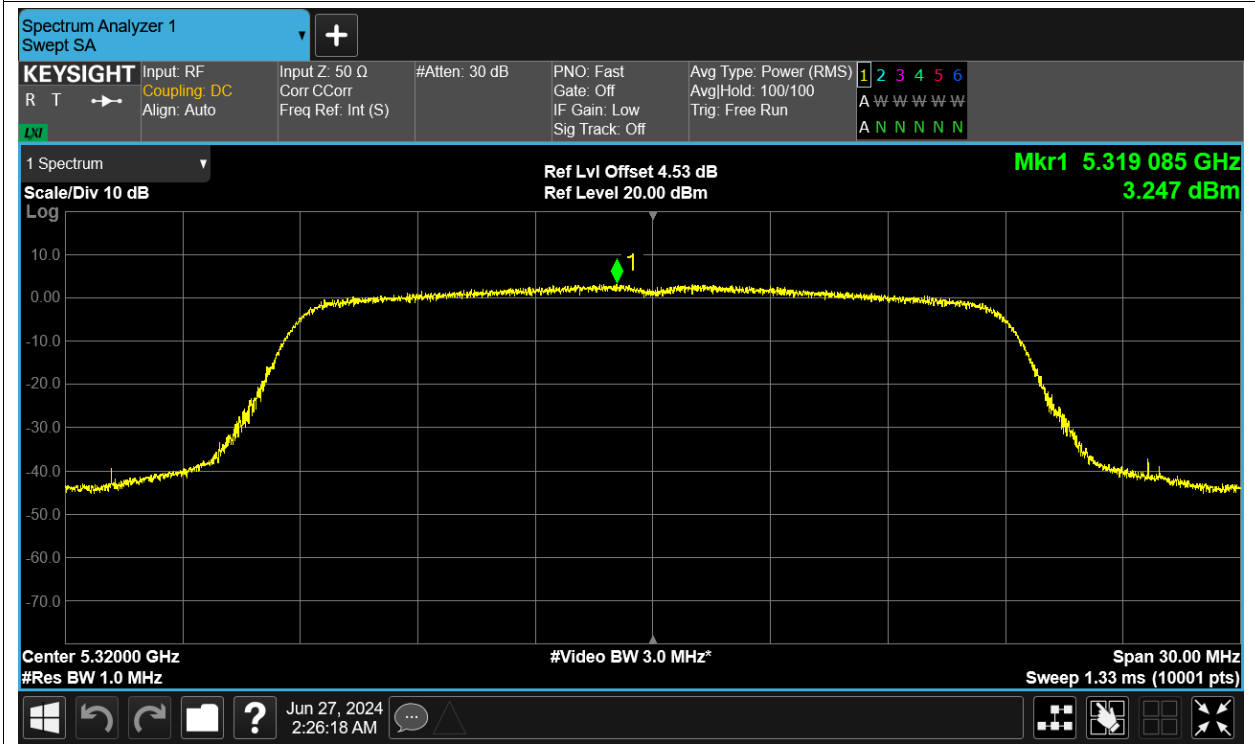
PSD NVNT ac20 5260MHz Ant1



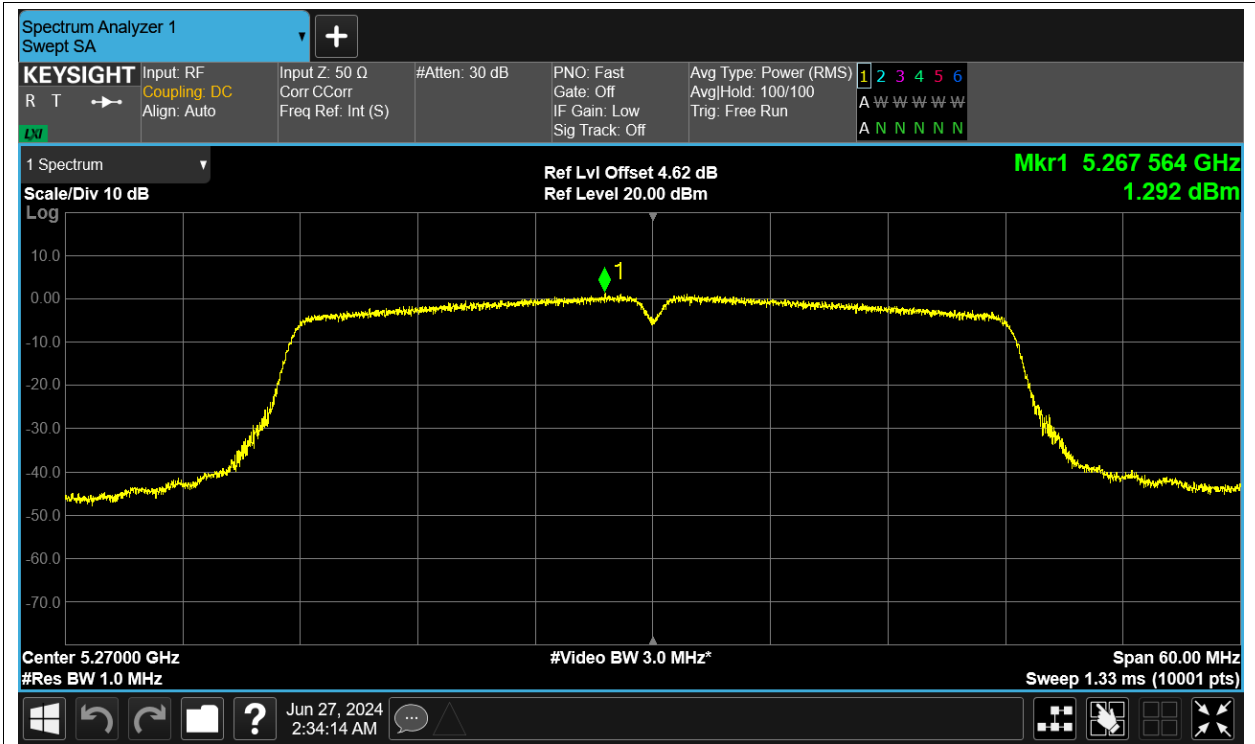
PSD NVNT ac20 5300MHz Ant1



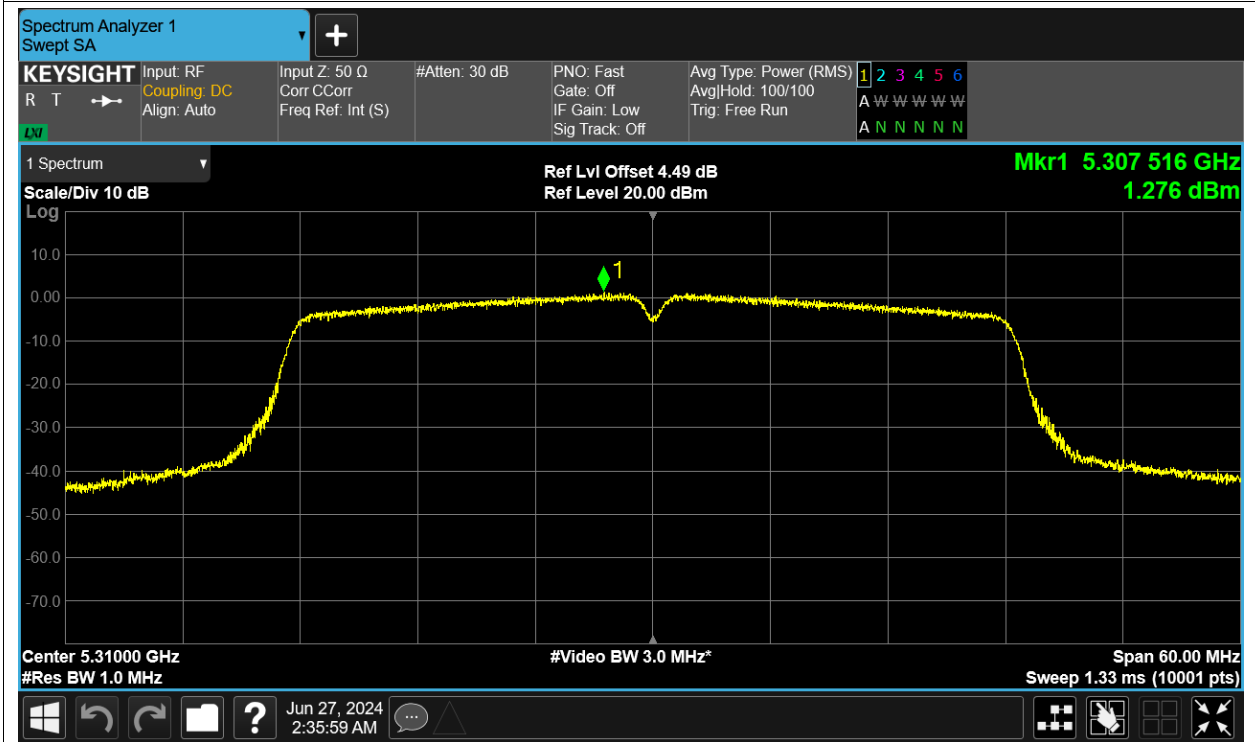
PSD NVNT ac20 5320MHz Ant1



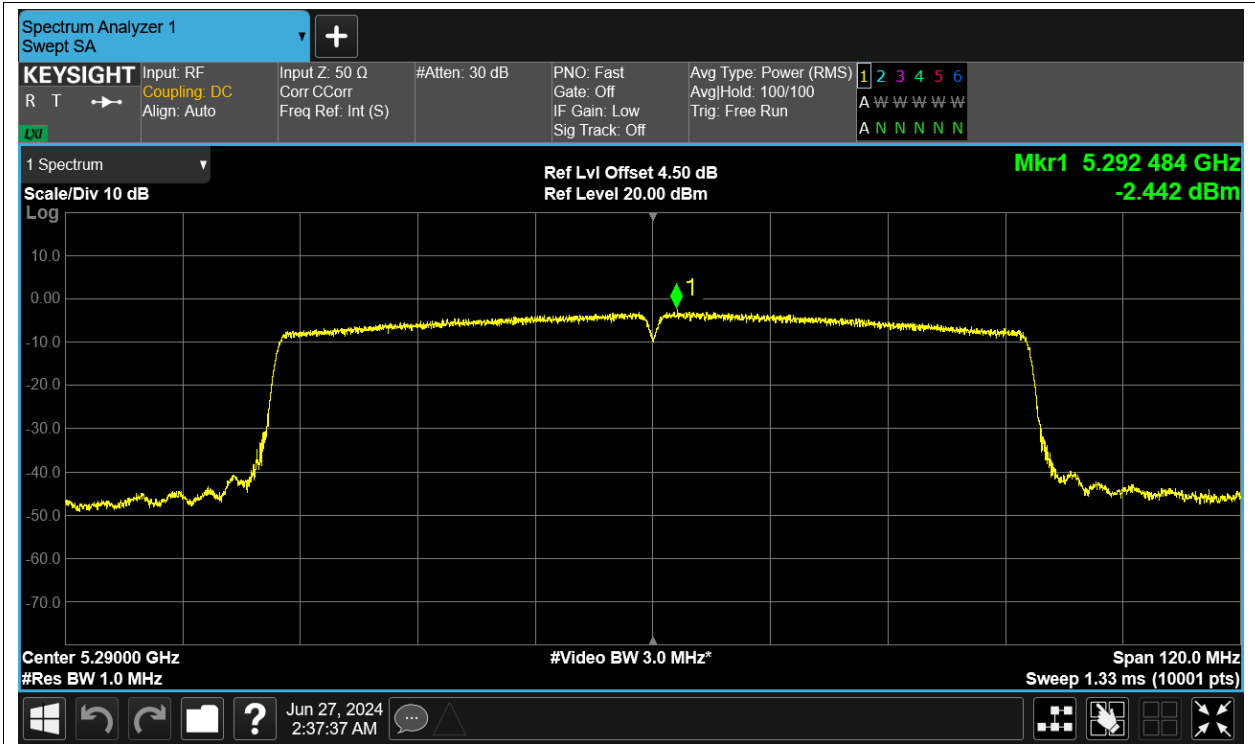
PSD NVNT ac40 5270MHz Ant1



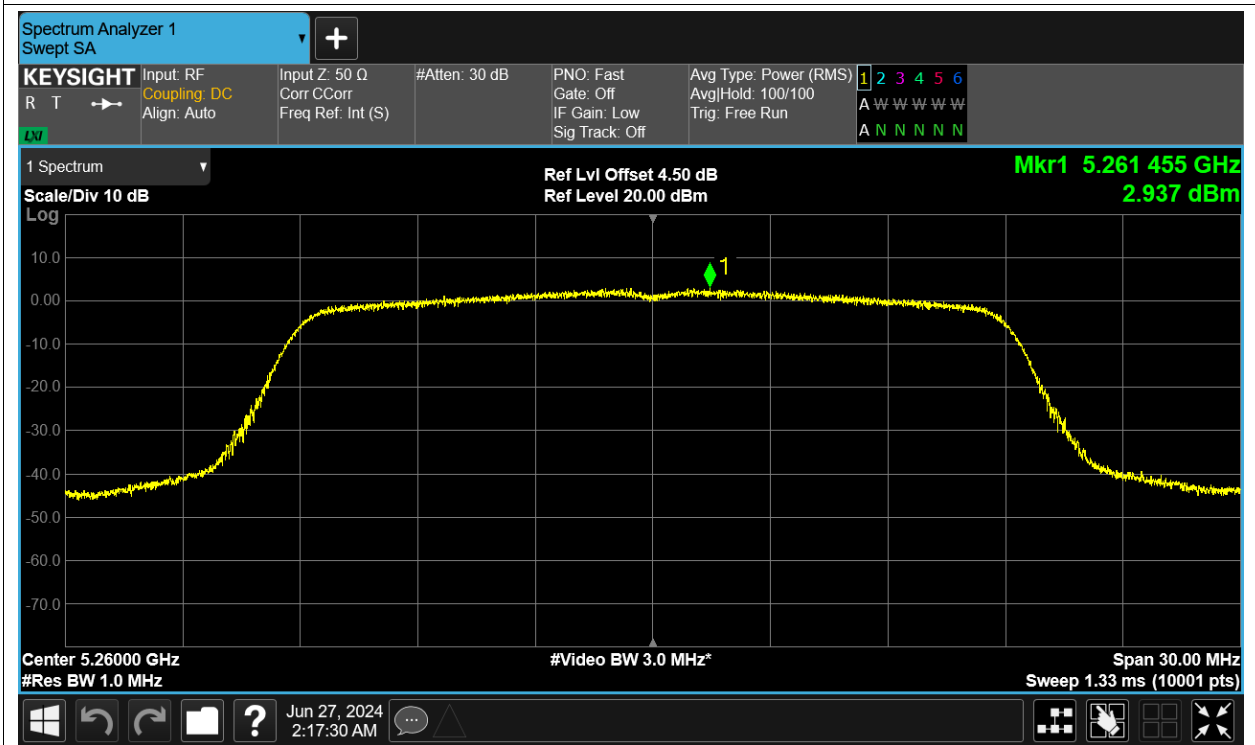
PSD NVNT ac40 5310MHz Ant1



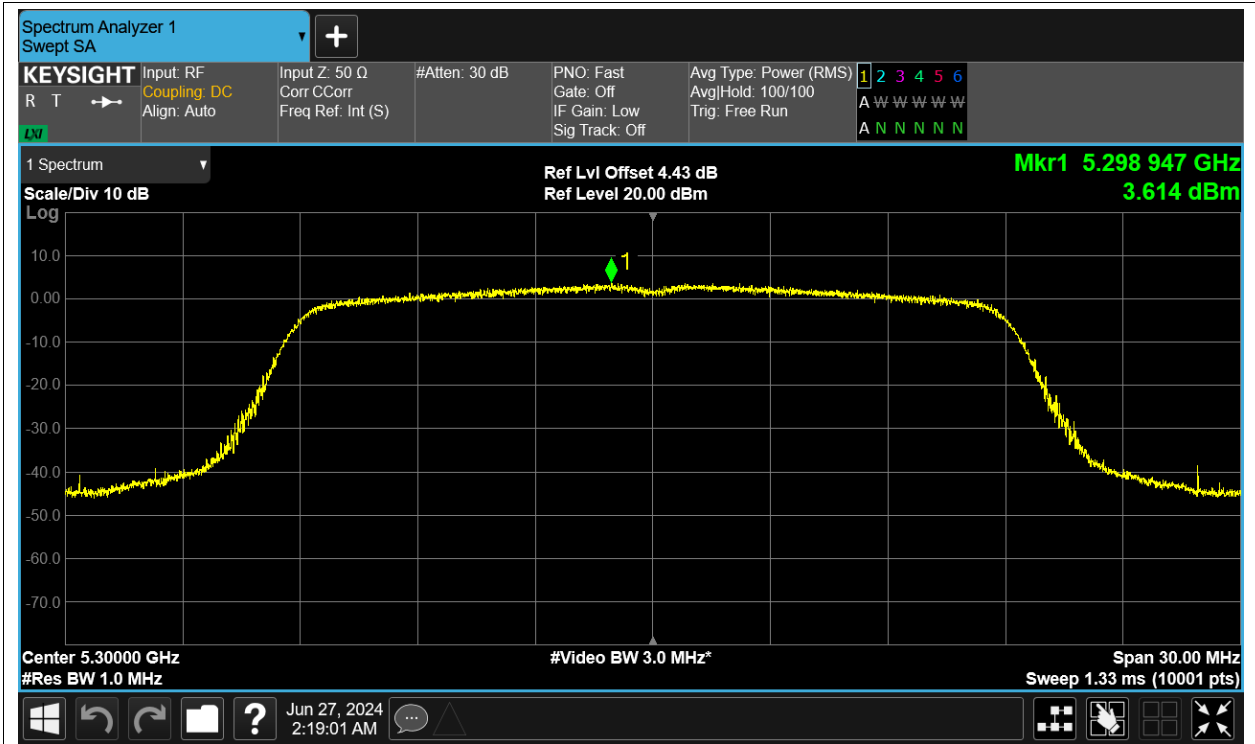
PSD NVNT ac80 5290MHz Ant1



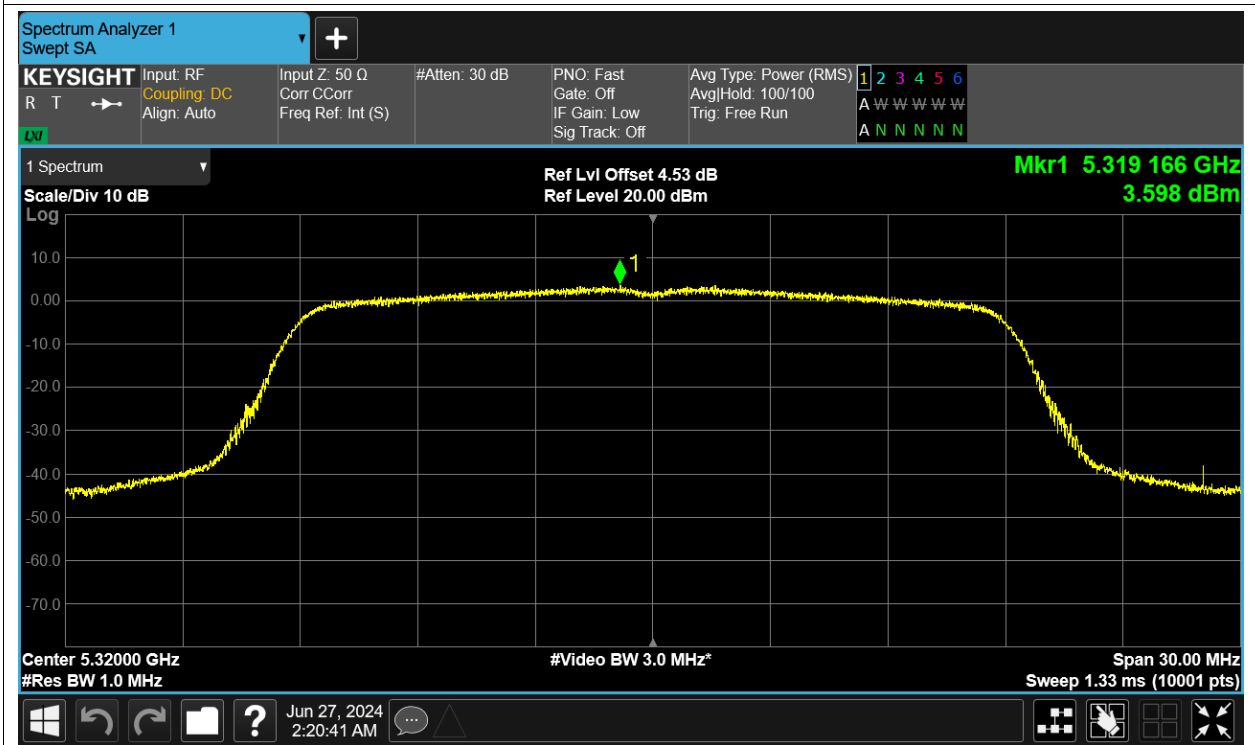
PSD NVNT n20 5260MHz Ant1



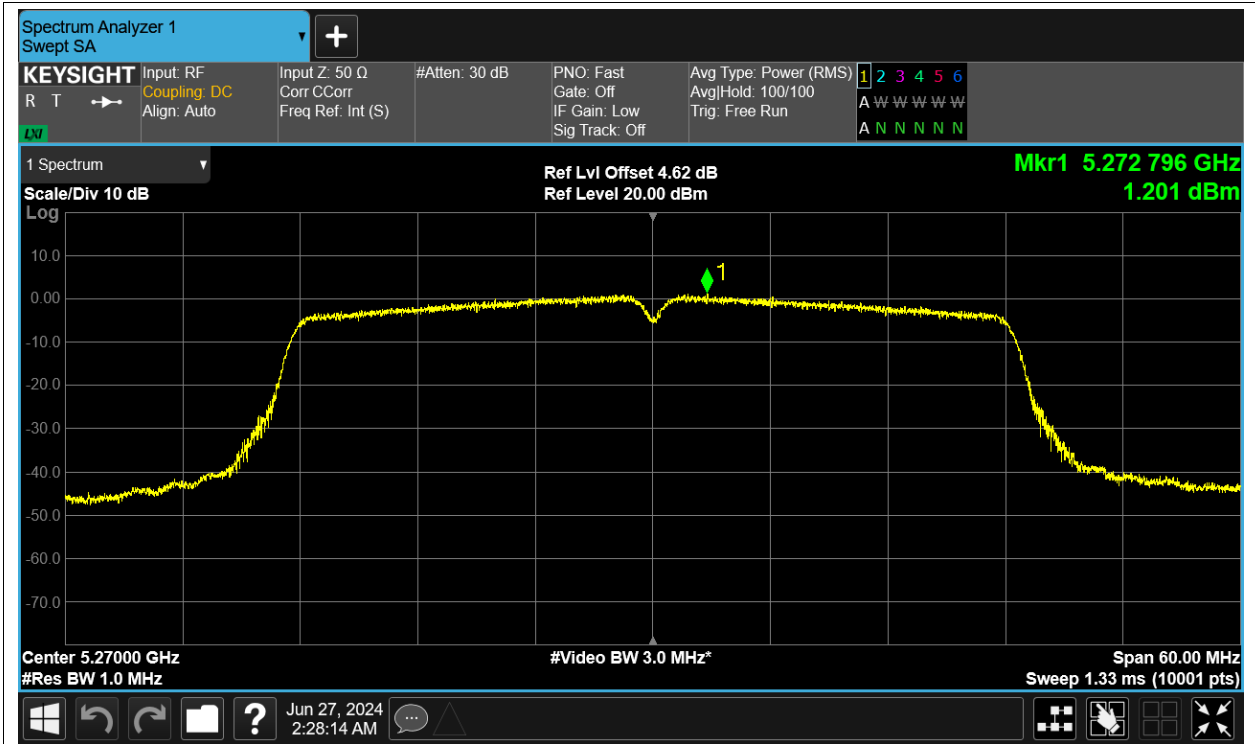
PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

