

Test Data

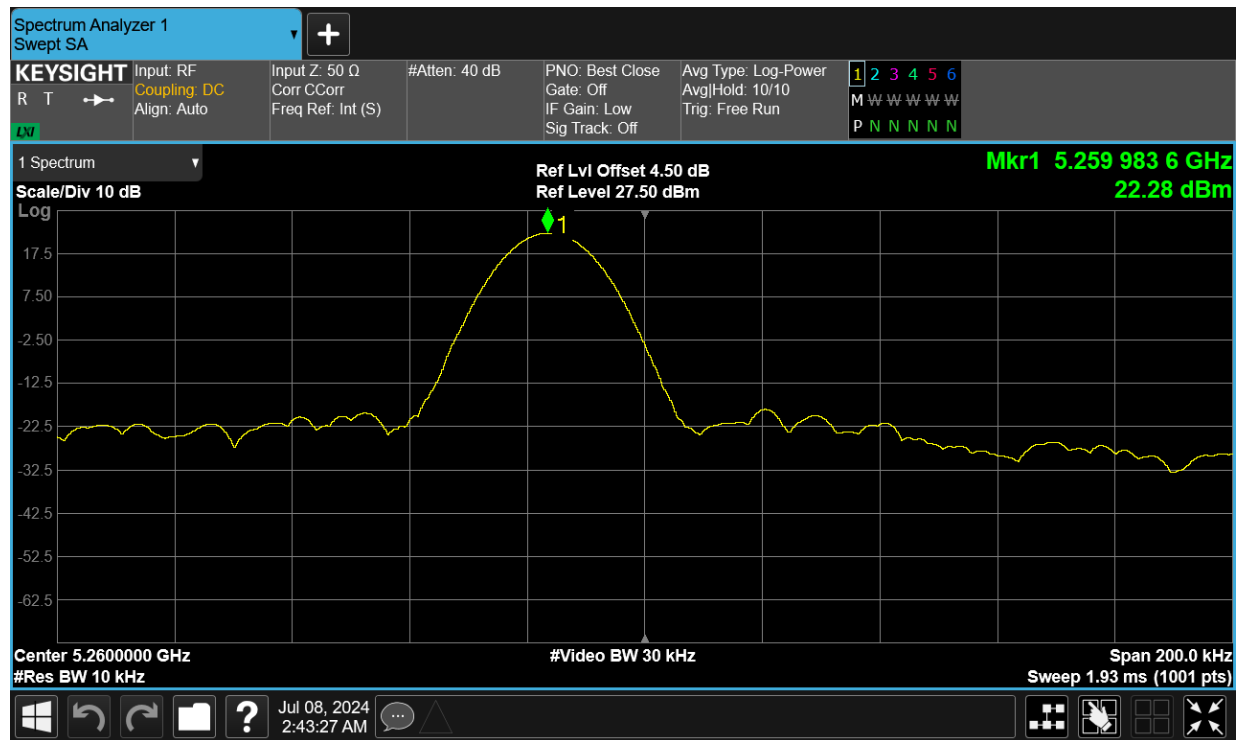
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant2	5259.9836	-3.12	Within authorized band	Pass
LVNT	a	5260	Ant2	5259.9838	-3.08		Pass
NVHT	a	5260	Ant2	5259.9842	-3		Pass
NVLT	a	5260	Ant2	5259.9842	-3		Pass
NVNT	a	5260	Ant2	5259.9844	-2.97		Pass
HVNT	ac80	5290	Ant2	5289.9844	-2.95		Pass
LVNT	ac80	5290	Ant2	5289.9846	-2.91		Pass
NVHT	ac80	5290	Ant2	5289.9848	-2.87		Pass
NVLT	ac80	5290	Ant2	5289.9852	-2.8		Pass
NVNT	ac80	5290	Ant2	5289.9856	-2.72		Pass
HVNT	n40	5270	Ant2	5269.9834	-3.15		Pass
LVNT	n40	5270	Ant2	5269.9836	-3.11		Pass
NVHT	n40	5270	Ant2	5269.9838	-3.07		Pass
NVLT	n40	5270	Ant2	5269.984	-3.04		Pass
NVNT	n40	5270	Ant2	5269.9842	-3		Pass

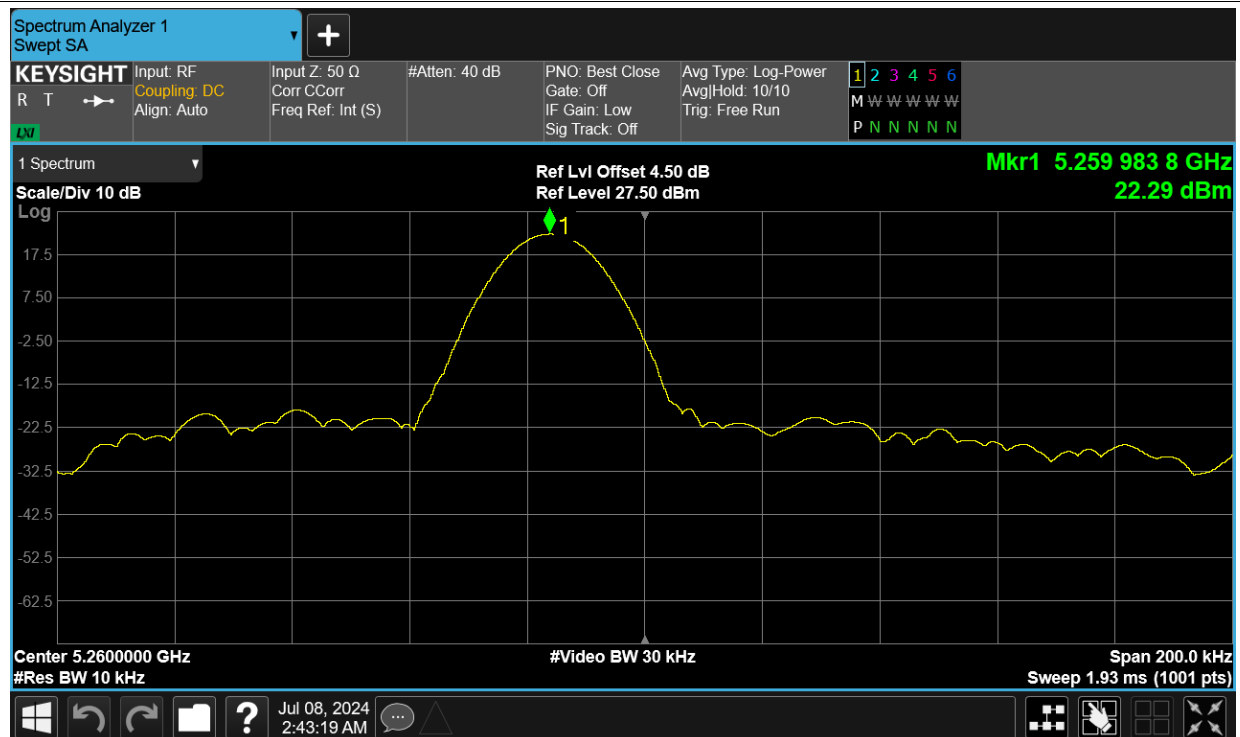
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

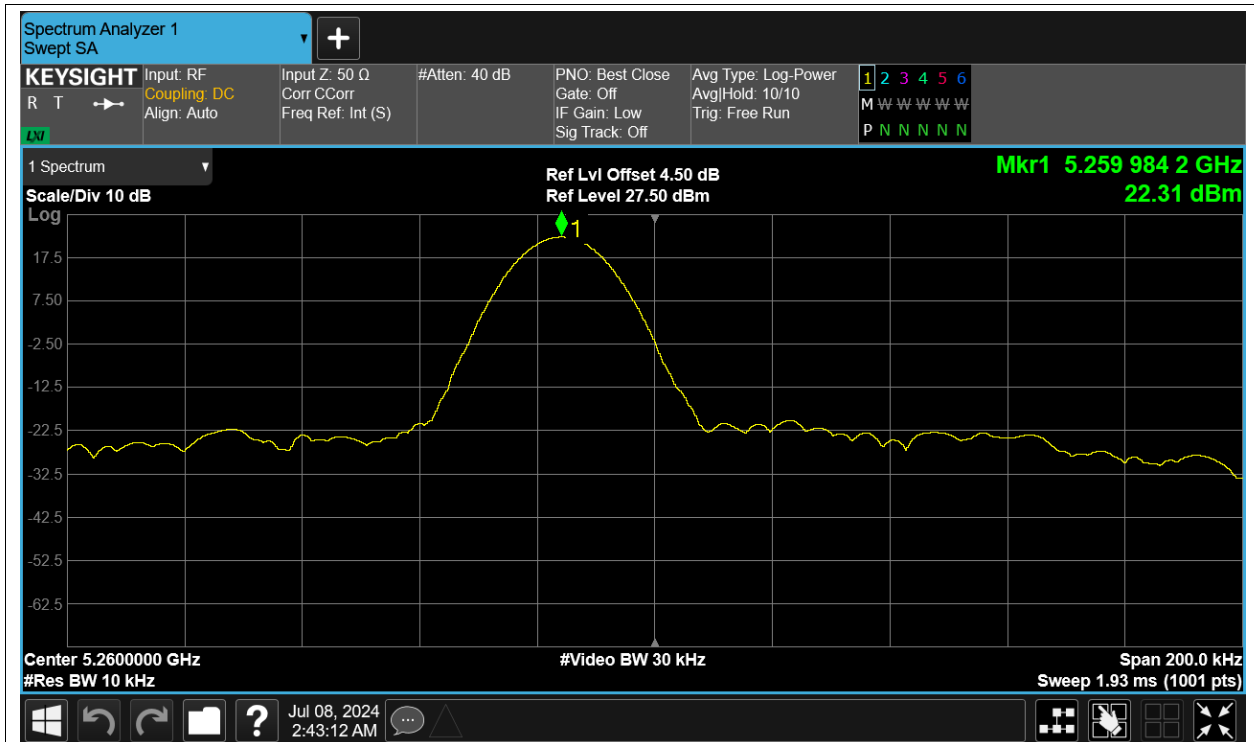
Freq. Stability HVNT a 5260MHz Ant2



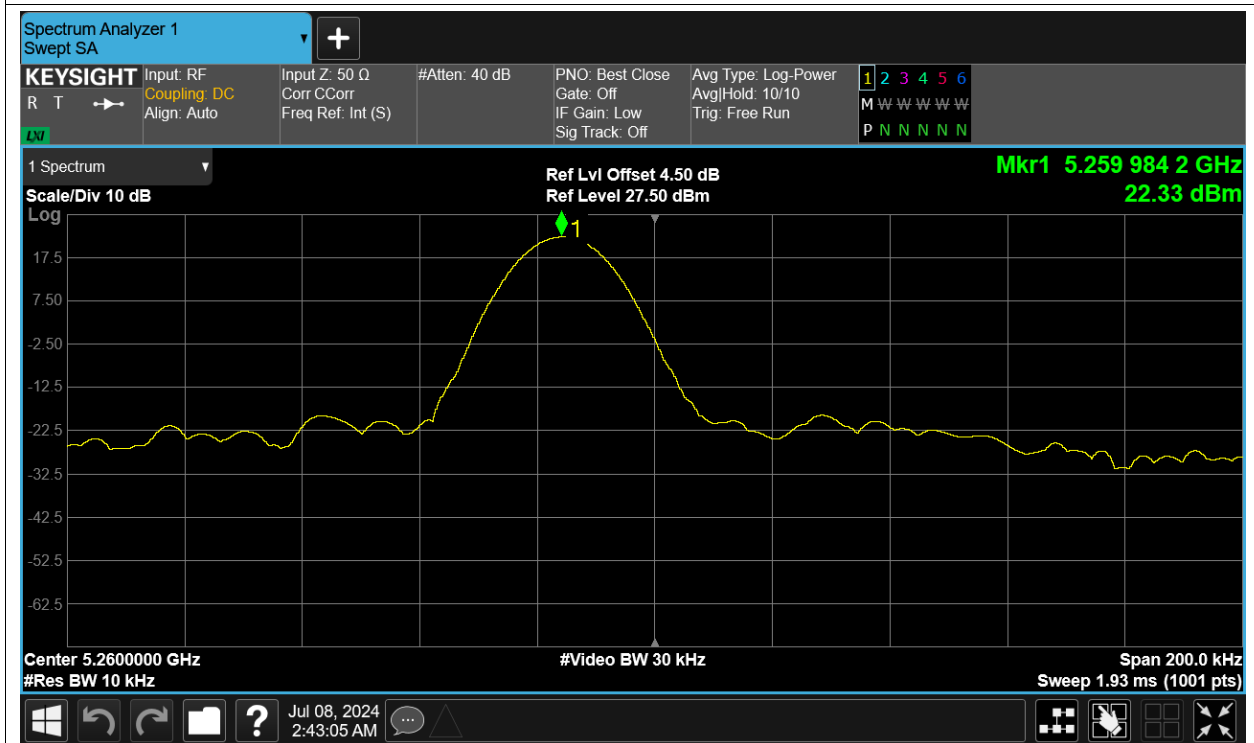
Freq. Stability LVNT a 5260MHz Ant2



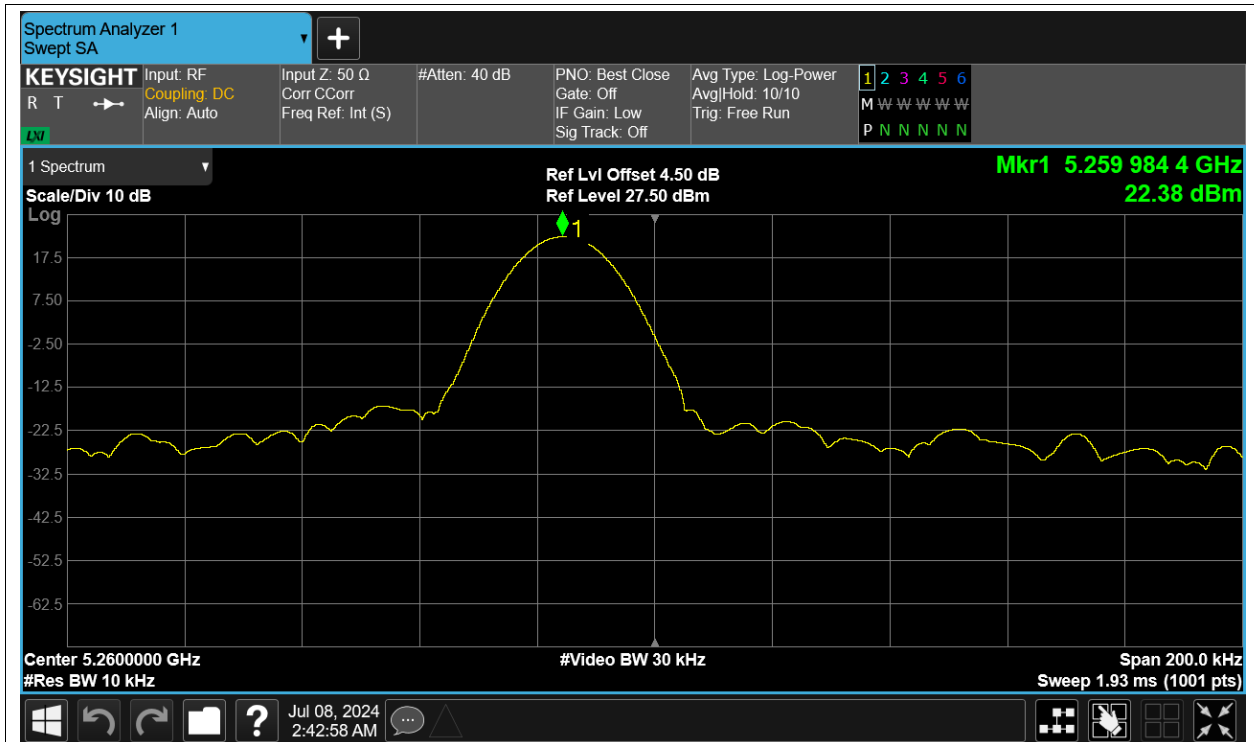
Freq. Stability NVHT a 5260MHz Ant2



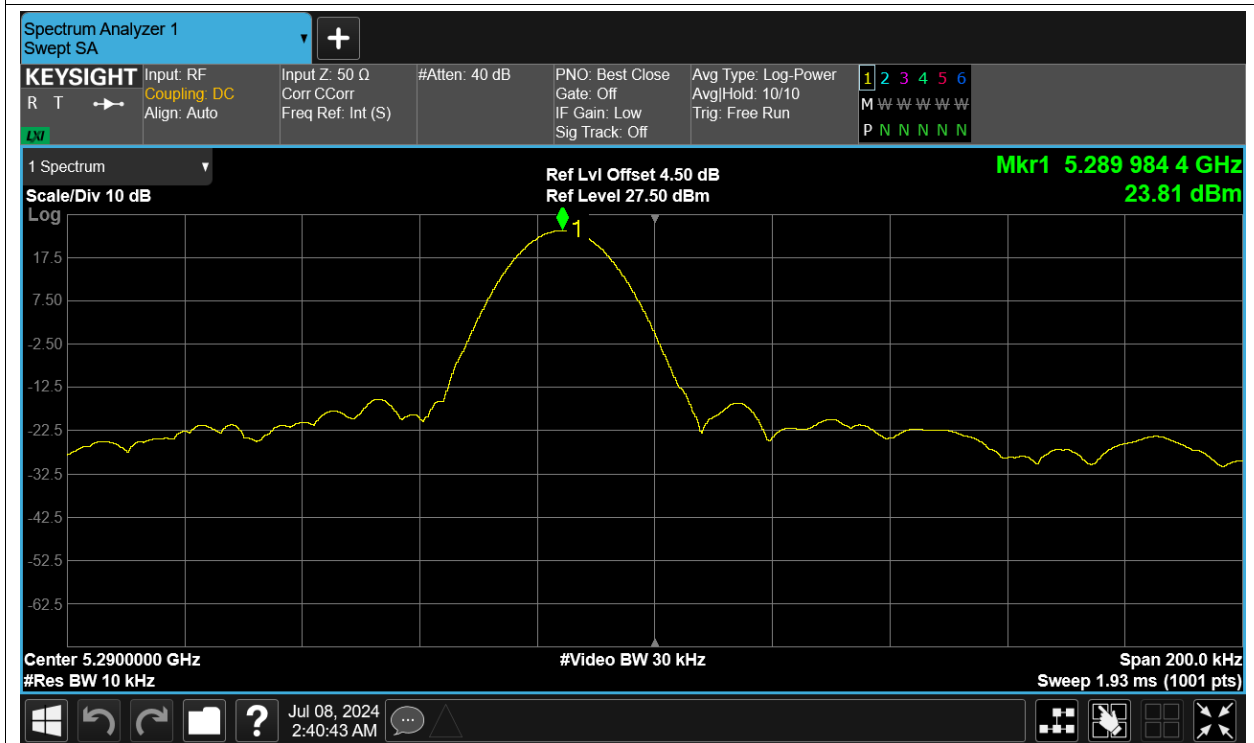
Freq. Stability NVLT a 5260MHz Ant2



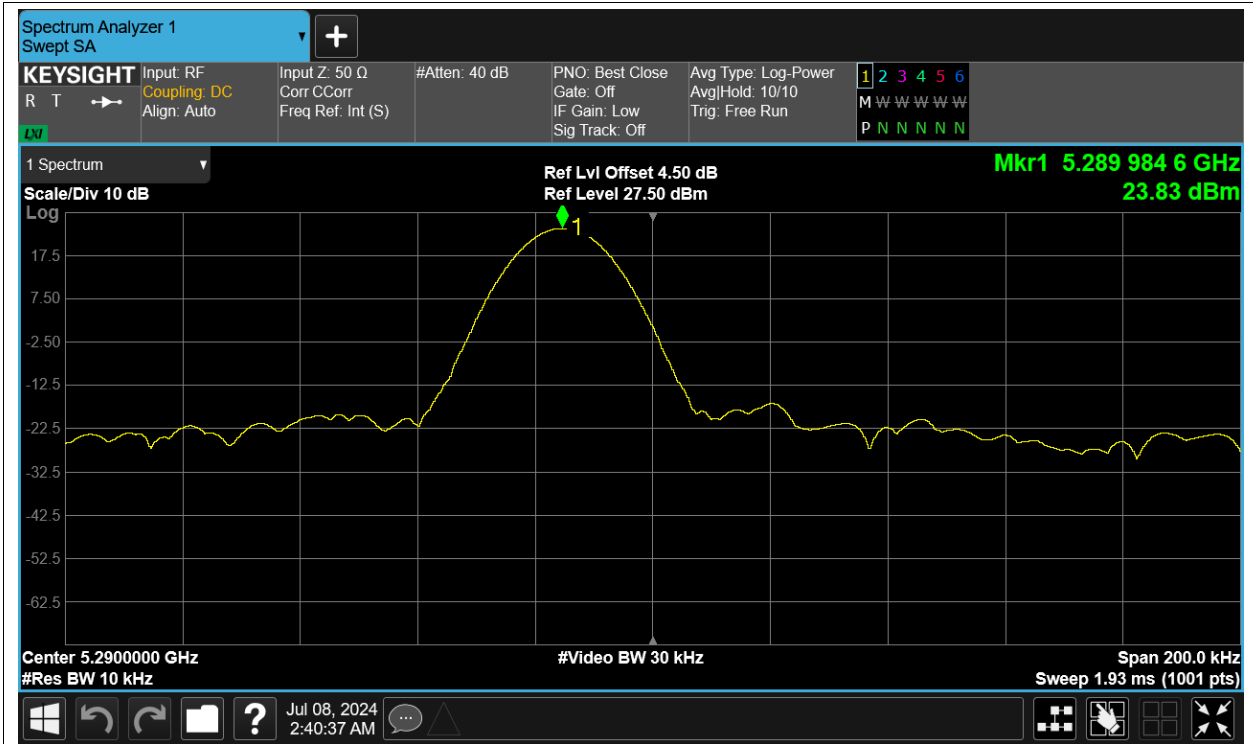
Freq. Stability NVNT a 5260MHz Ant2



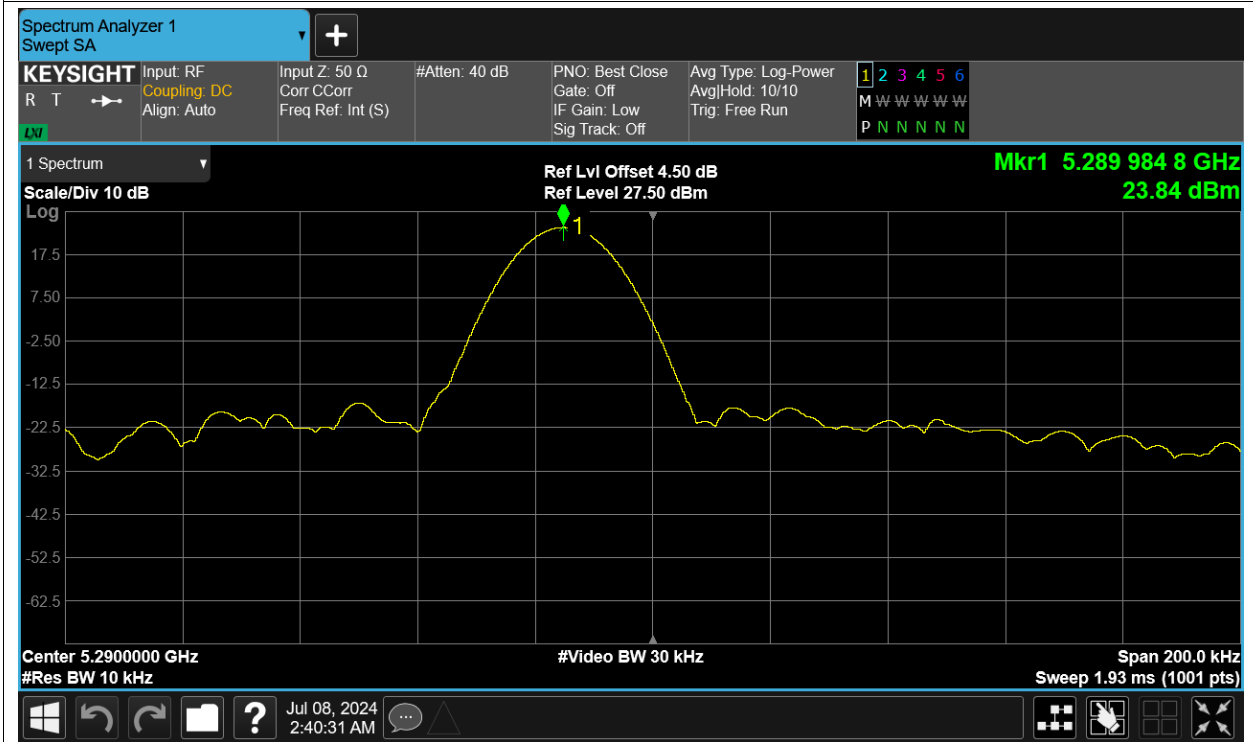
Freq. Stability HVNT ac80 5290MHz Ant2



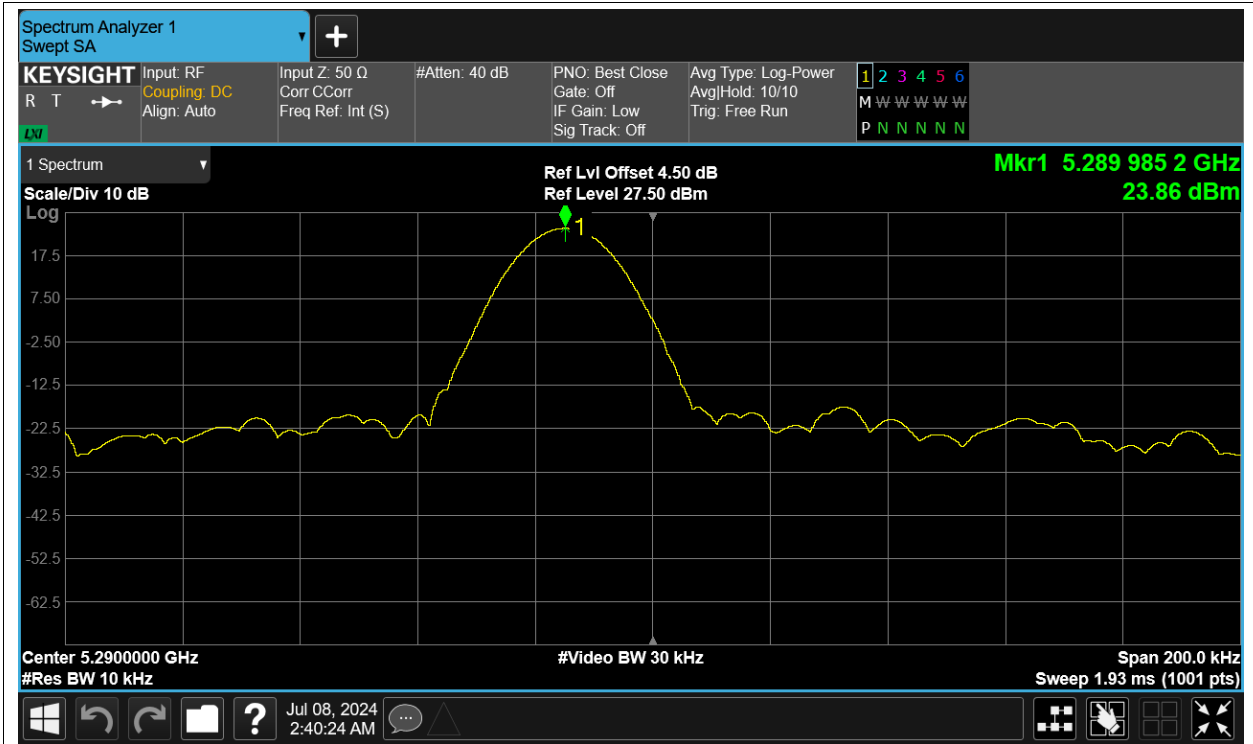
Freq. Stability LVNT ac80 5290MHz Ant2



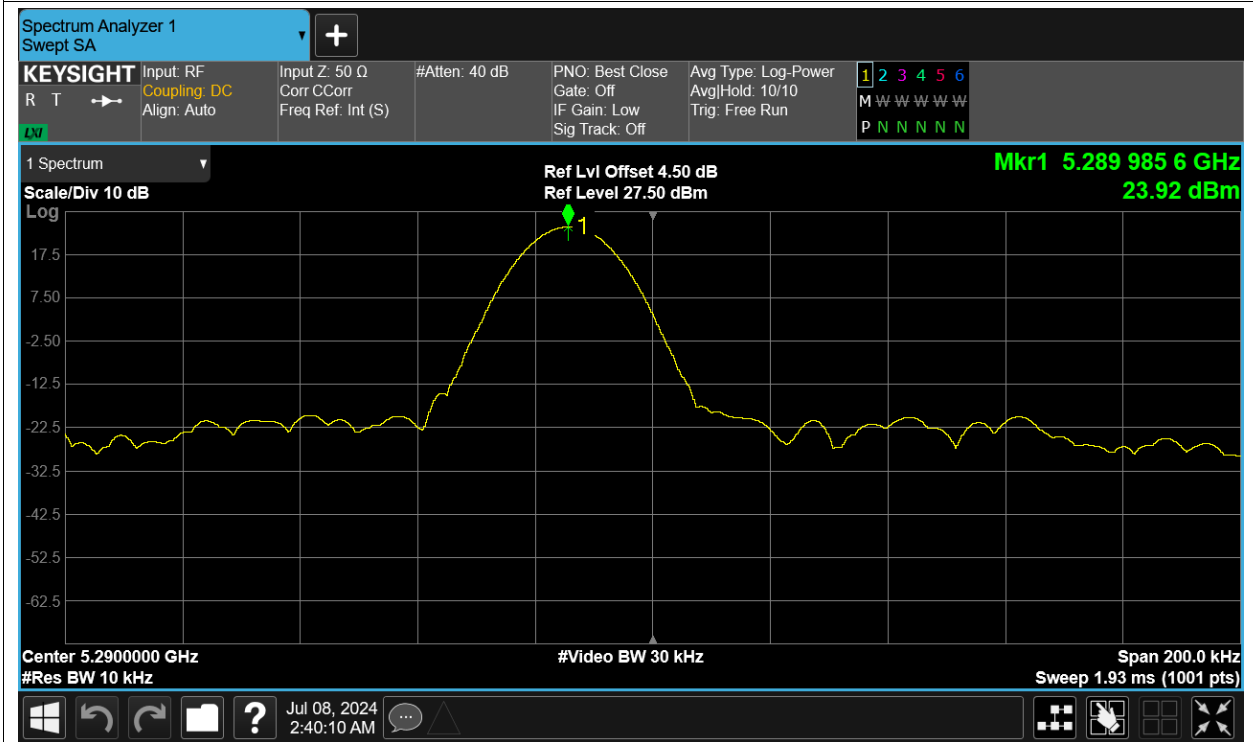
Freq. Stability NVHT ac80 5290MHz Ant2



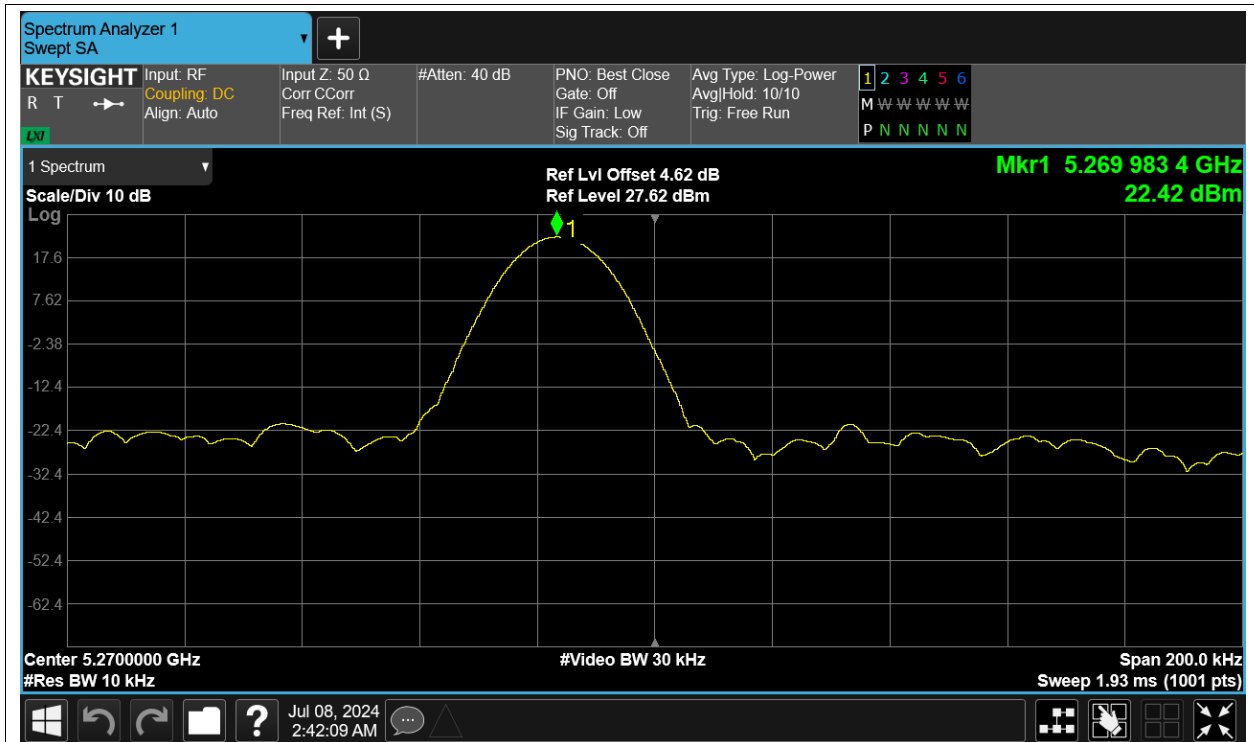
Freq. Stability NVLT ac80 5290MHz Ant2



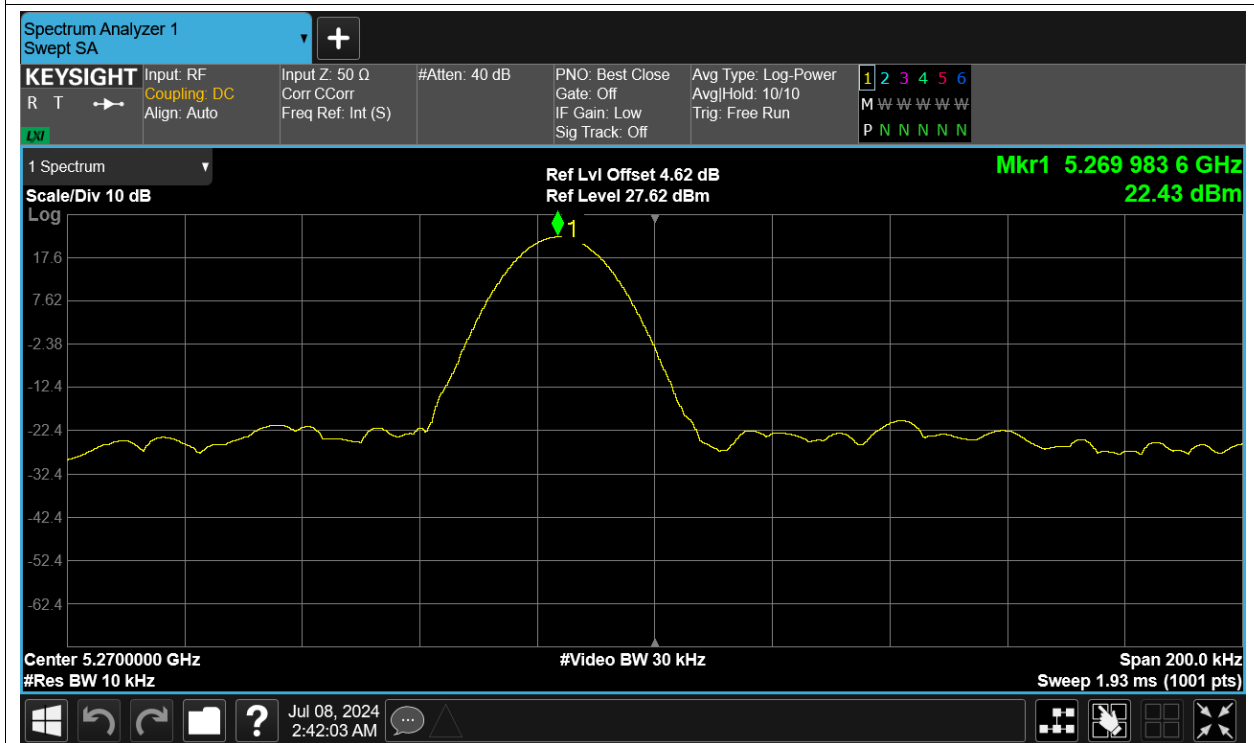
Freq. Stability NVNT ac80 5290MHz Ant2



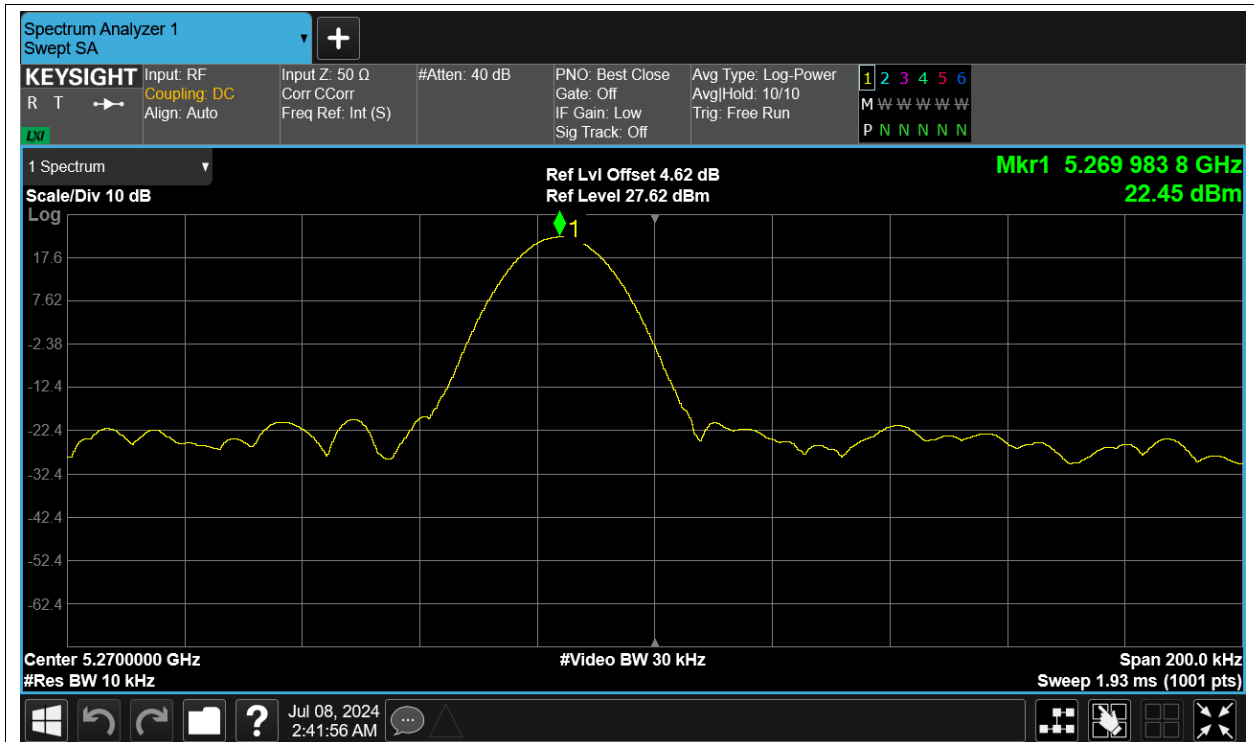
Freq. Stability HVNT n40 5270MHz Ant2



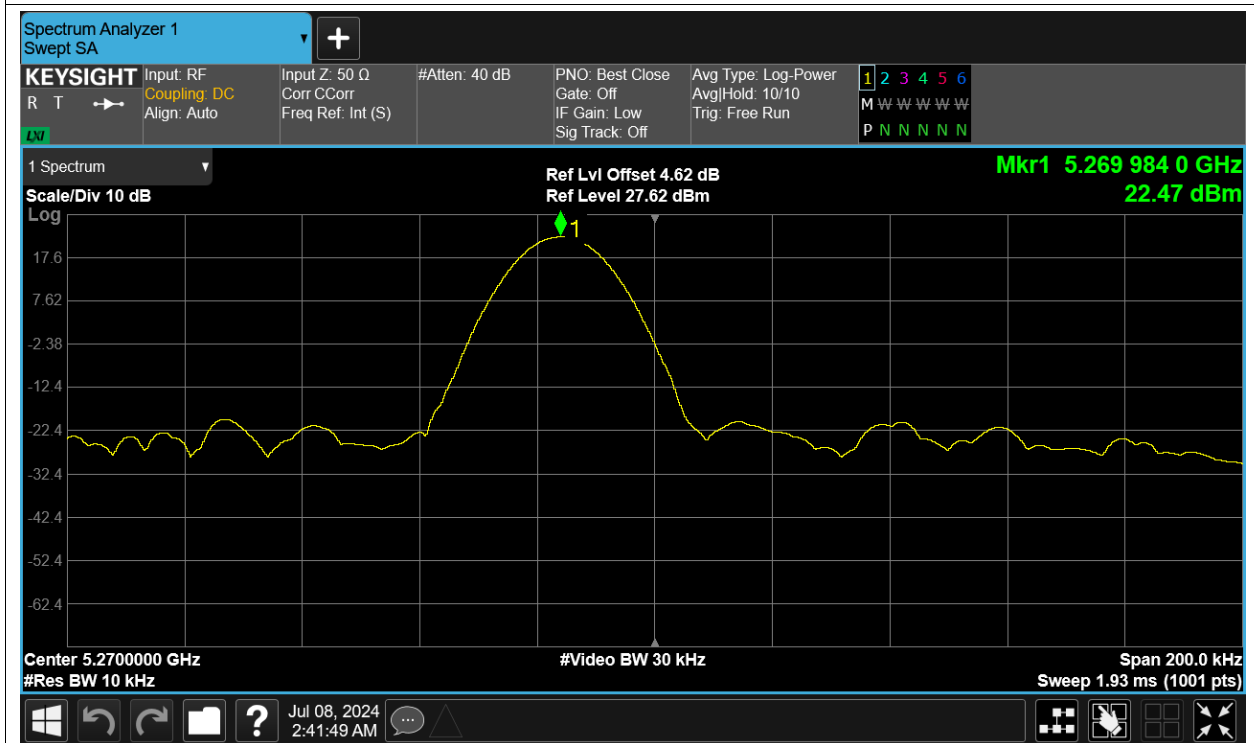
Freq. Stability LVNT n40 5270MHz Ant2



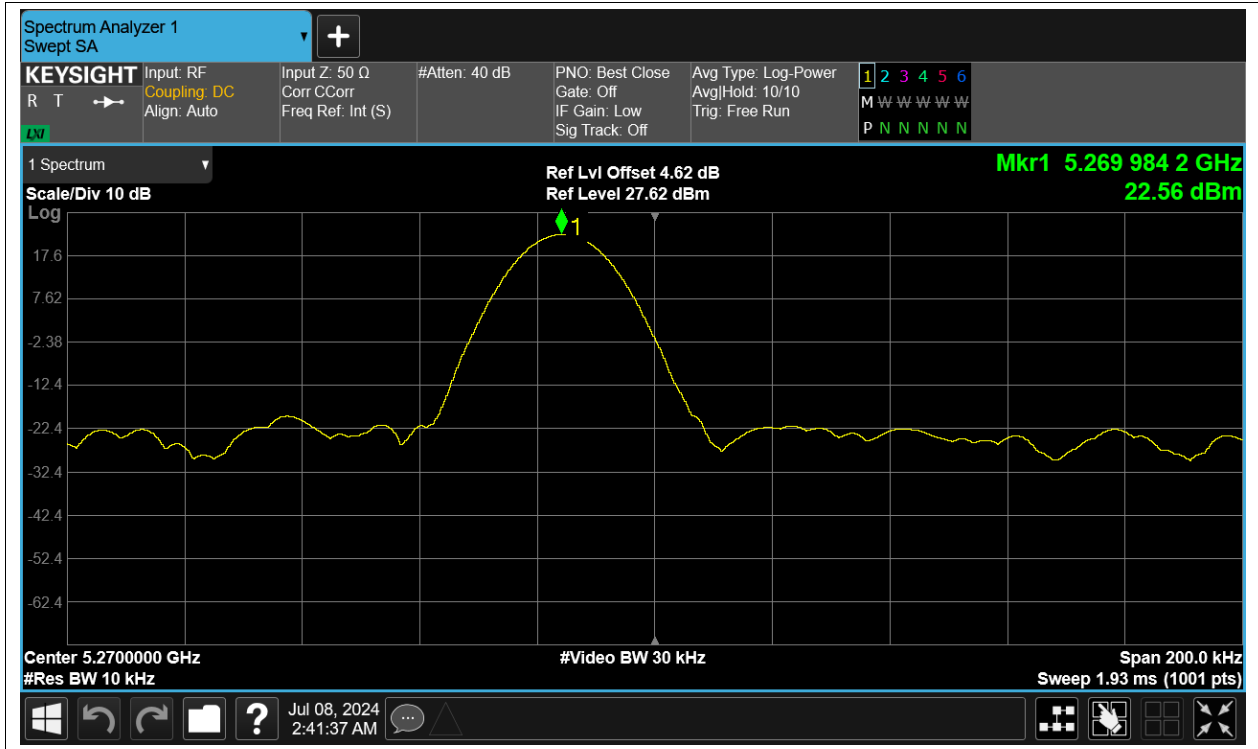
Freq. Stability NVHT n40 5270MHz Ant2



Freq. Stability NVLT n40 5270MHz Ant2

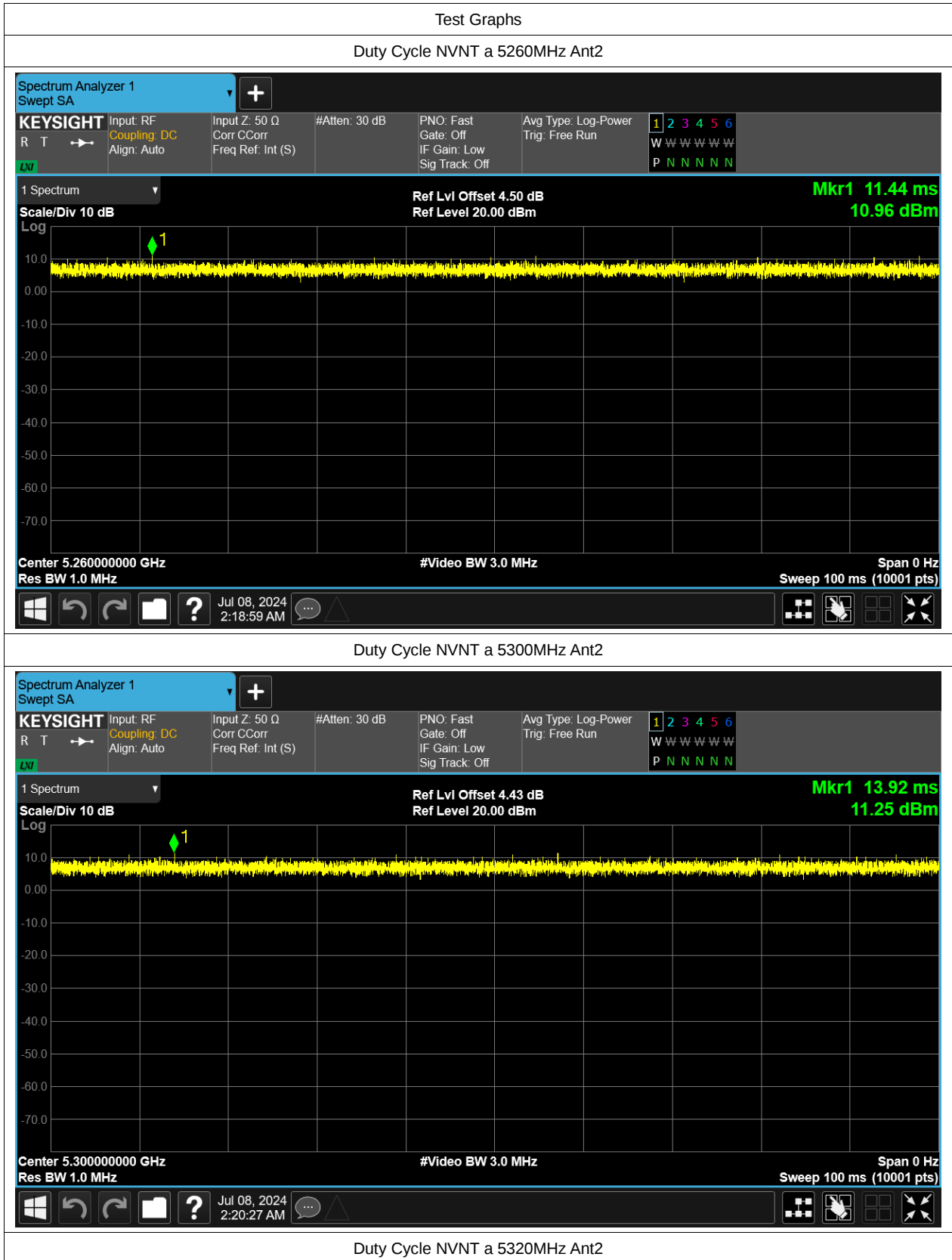


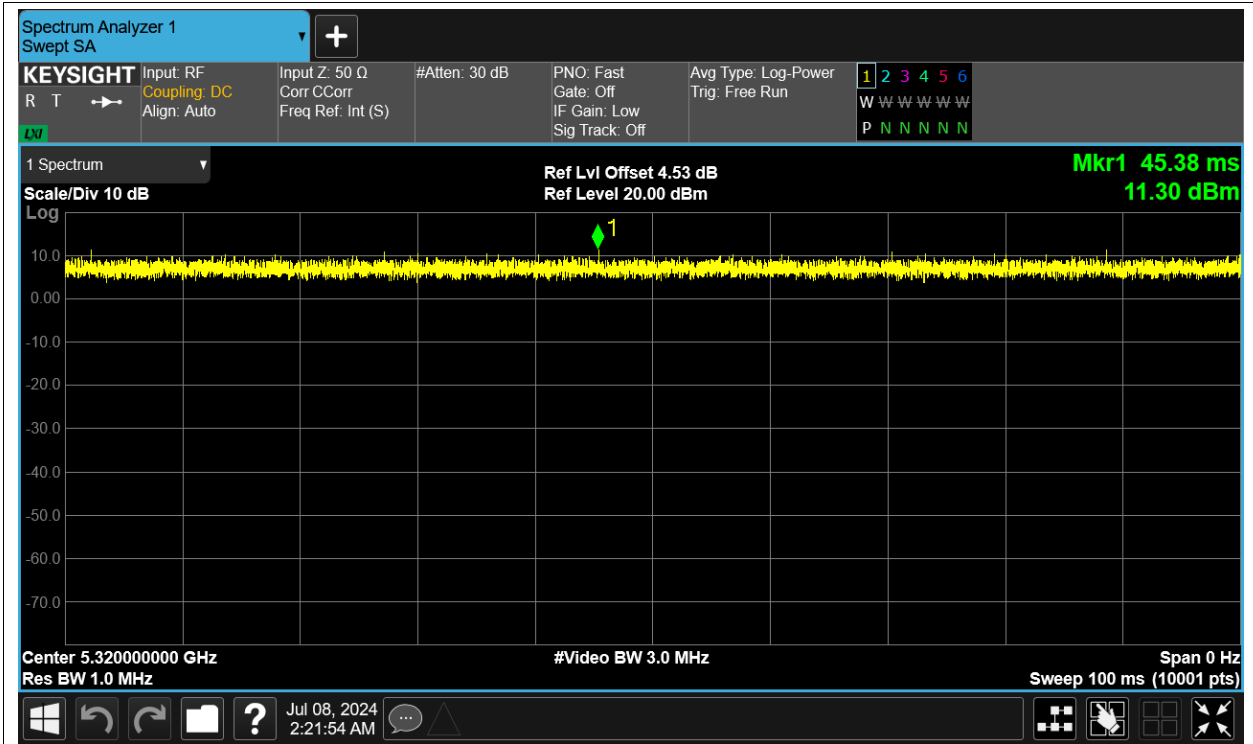
Freq. Stability NVNT n40 5270MHz Ant2



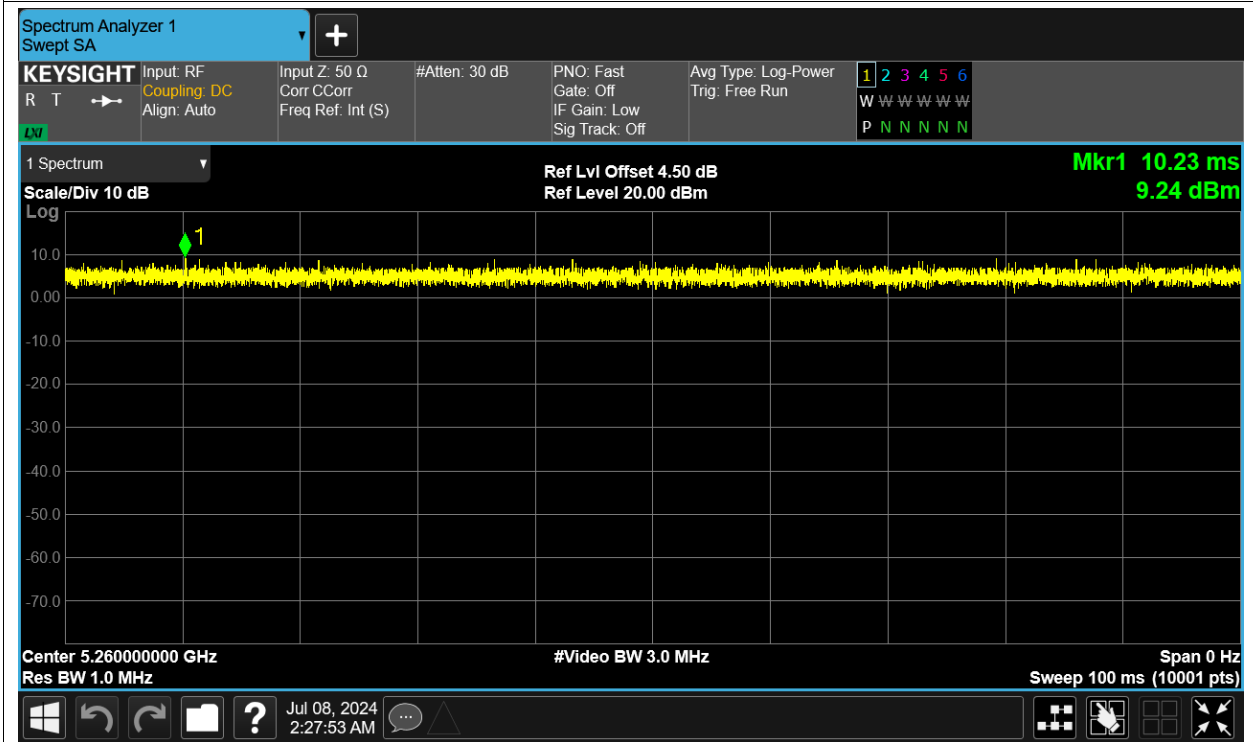
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant2	100	0
NVNT	a	5300	Ant2	100	0
NVNT	a	5320	Ant2	100	0
NVNT	ac20	5260	Ant2	100	0
NVNT	ac20	5300	Ant2	100	0
NVNT	ac20	5320	Ant2	100	0
NVNT	ac40	5270	Ant2	100	0
NVNT	ac40	5310	Ant2	100	0
NVNT	ac80	5290	Ant2	100	0
NVNT	n20	5260	Ant2	100	0
NVNT	n20	5300	Ant2	100	0
NVNT	n20	5320	Ant2	100	0
NVNT	n40	5270	Ant2	100	0
NVNT	n40	5310	Ant2	100	0

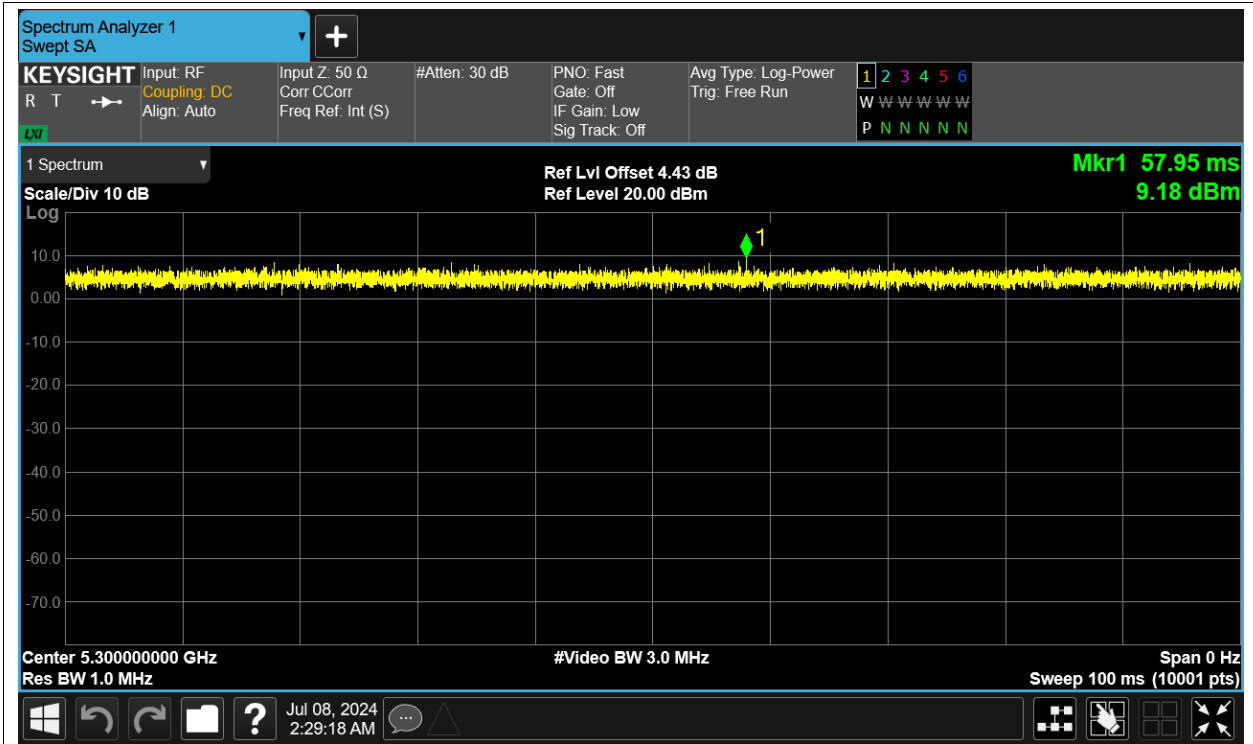




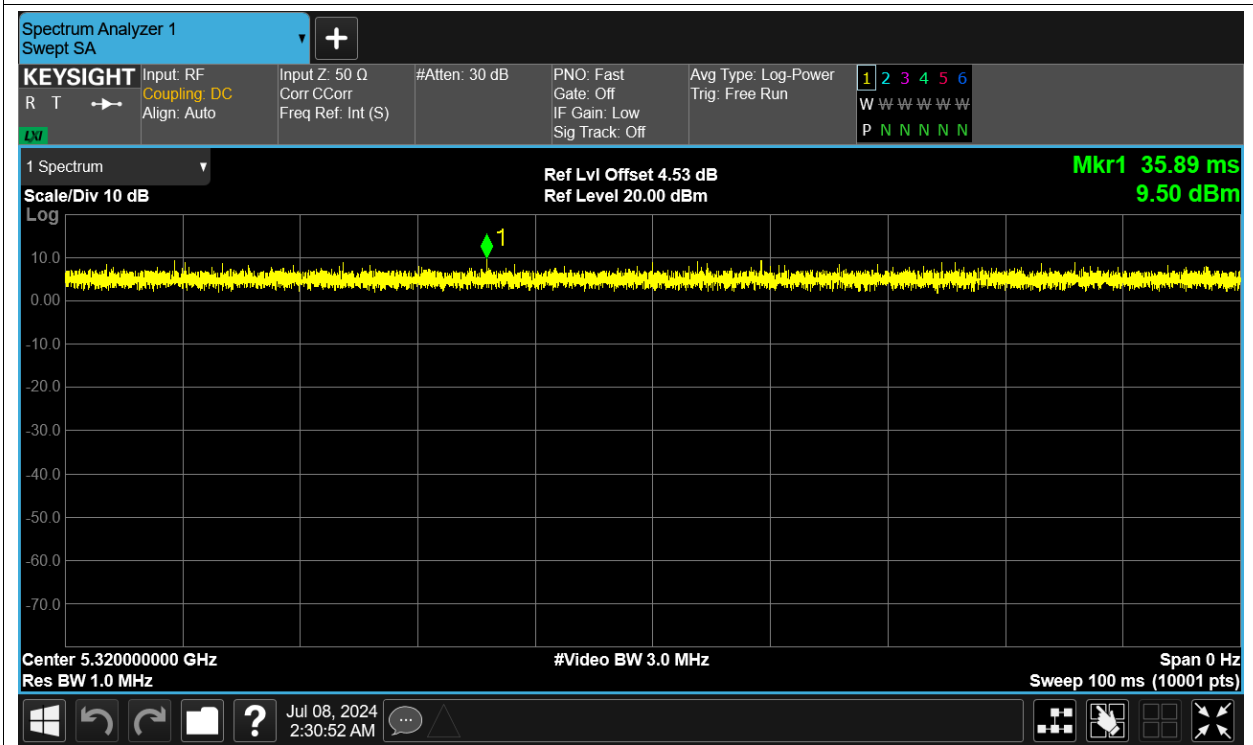
Duty Cycle NVNT ac20 5260MHz Ant2



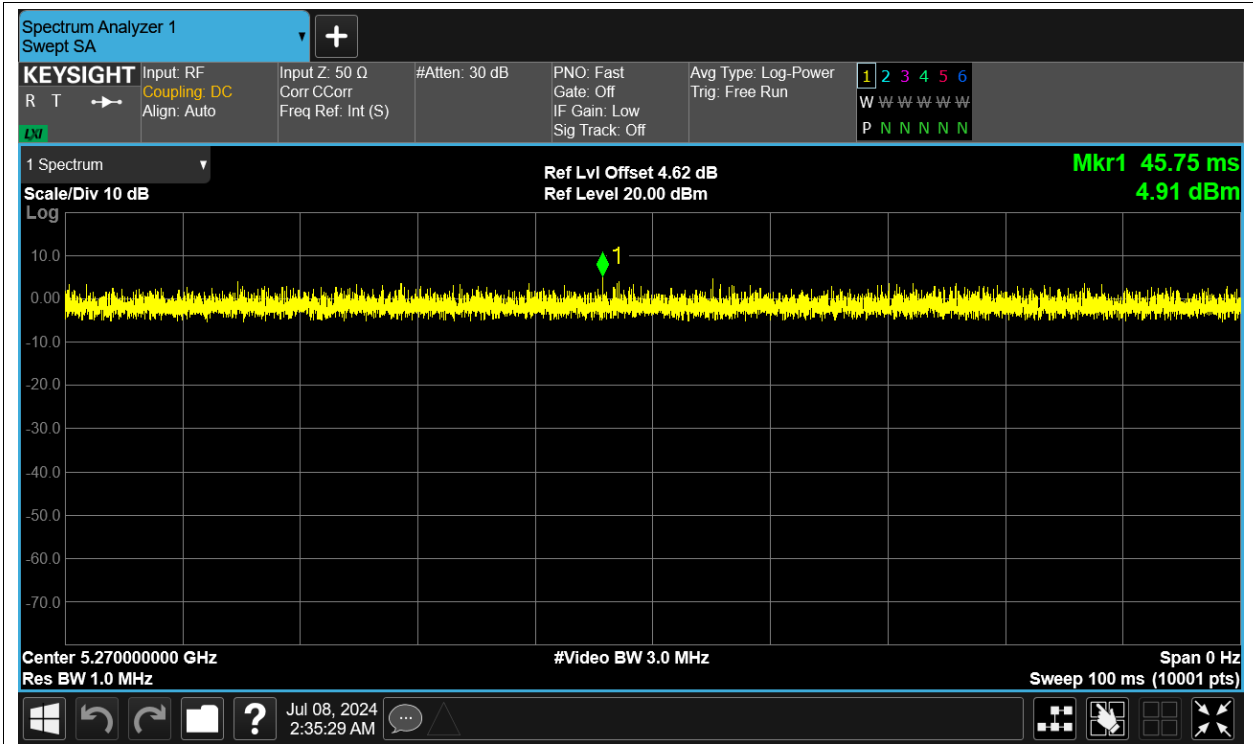
Duty Cycle NVNT ac20 5300MHz Ant2



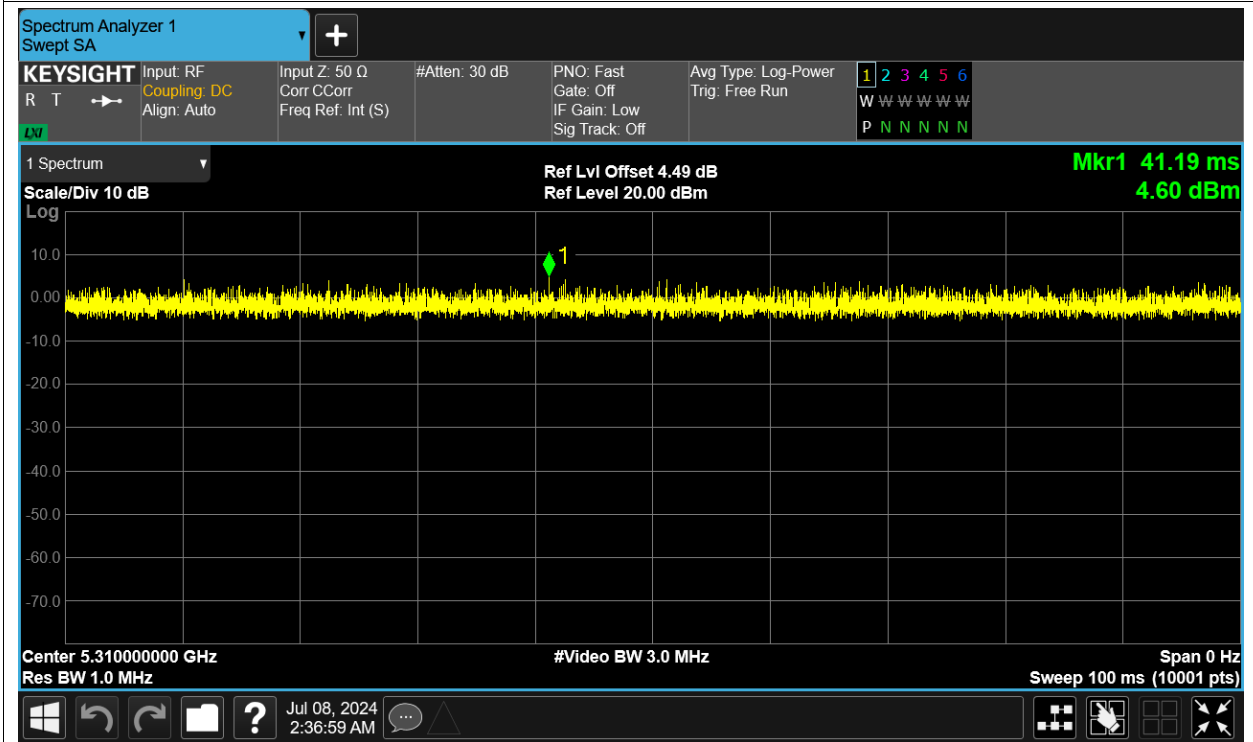
Duty Cycle NVNT ac20 5320MHz Ant2



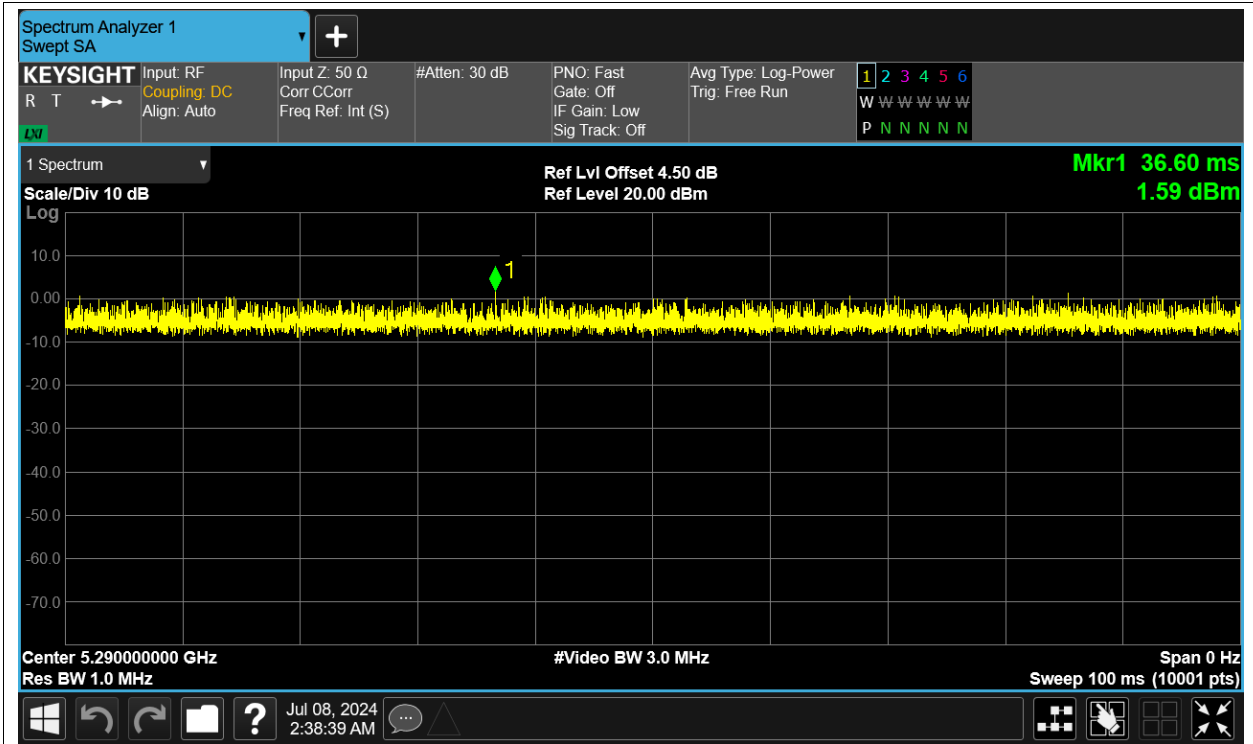
Duty Cycle NVNT ac40 5270MHz Ant2



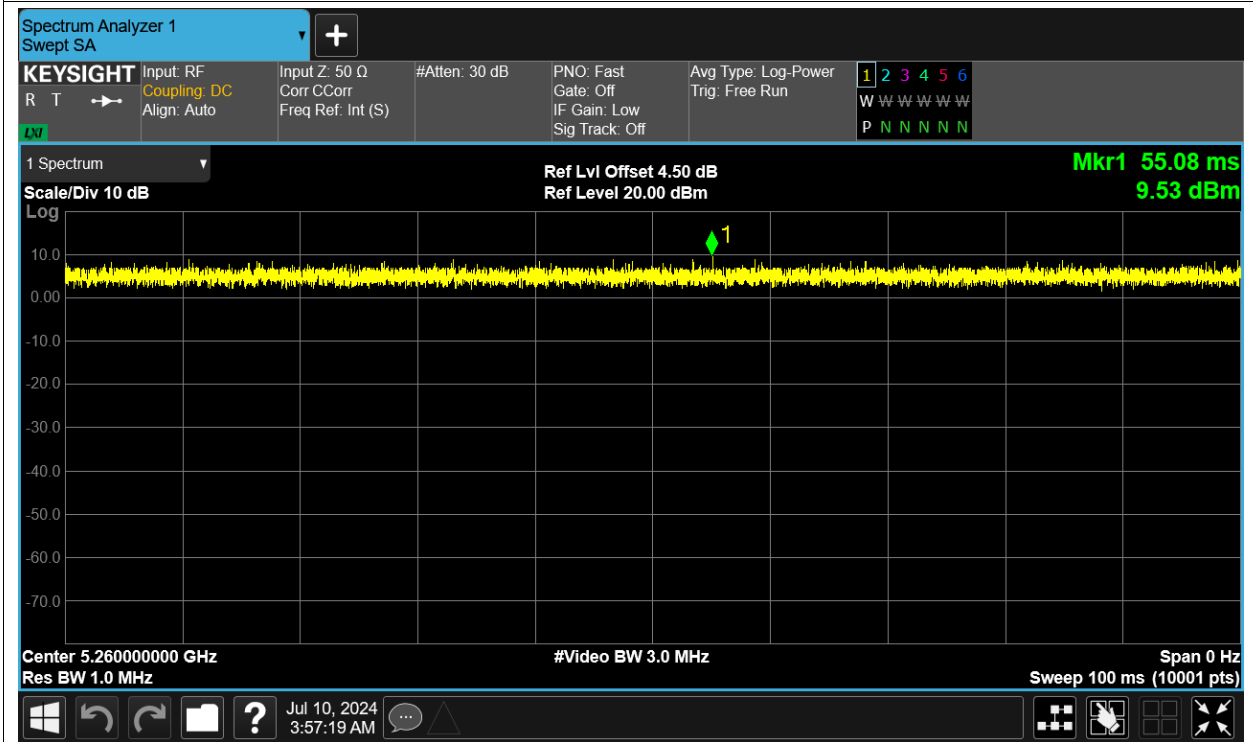
Duty Cycle NVNT ac40 5310MHz Ant2



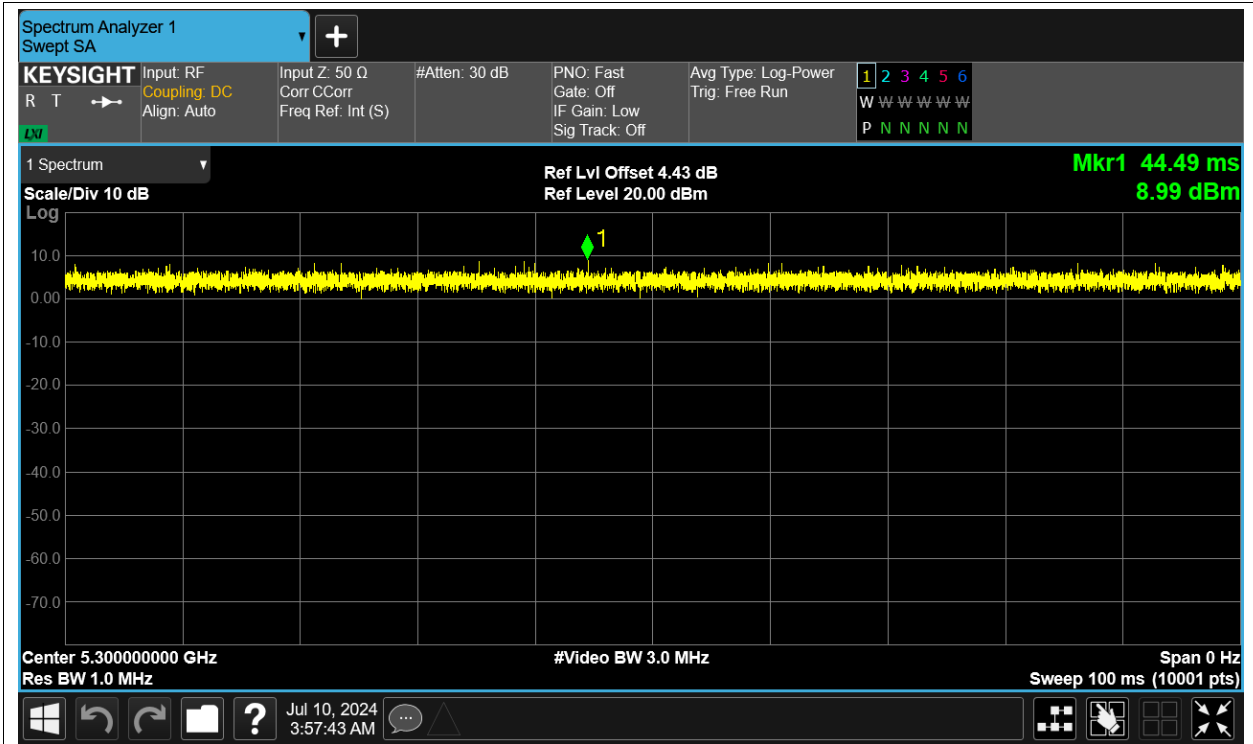
Duty Cycle NVNT ac80 5290MHz Ant2



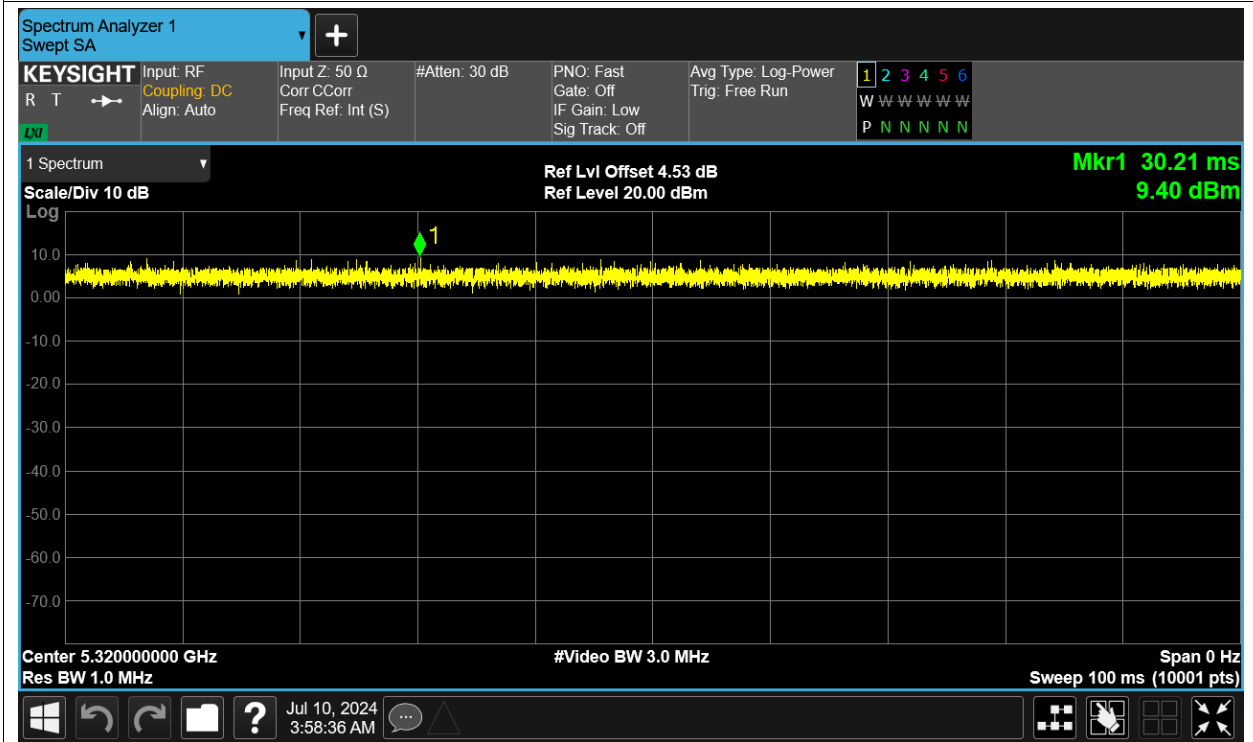
Duty Cycle NVNT n20 5260MHz Ant2



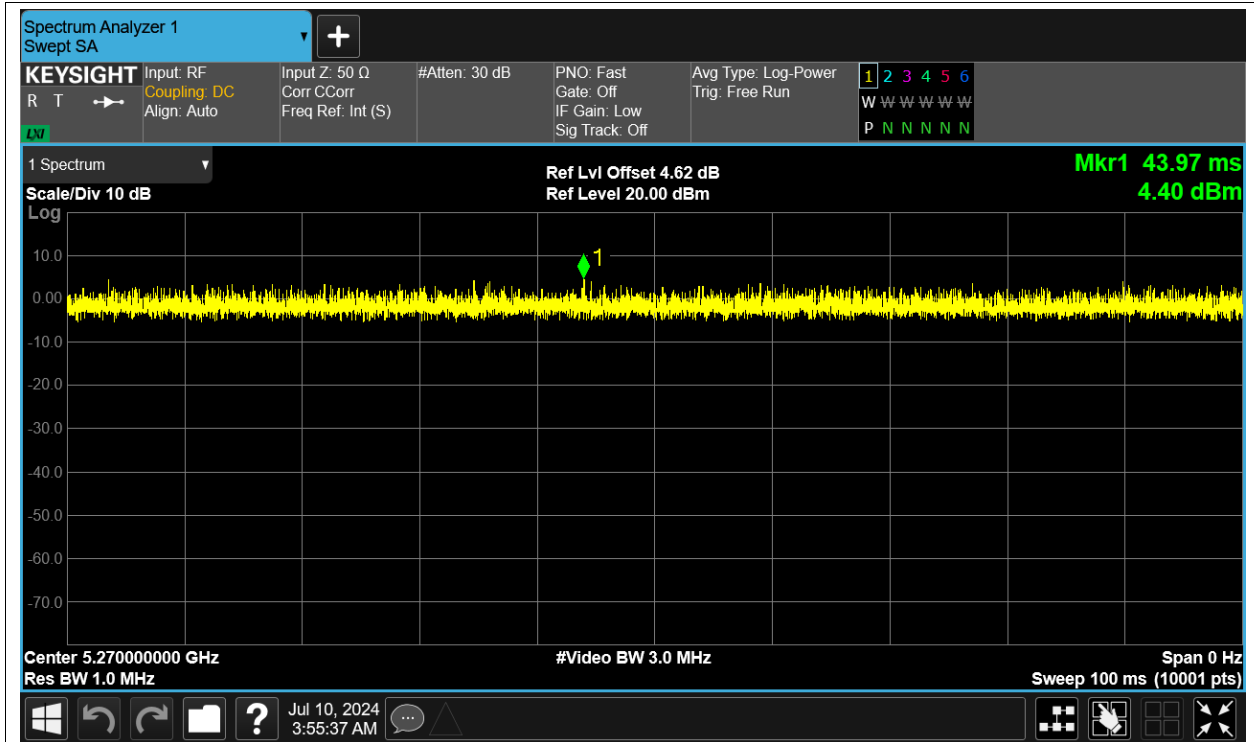
Duty Cycle NVNT n20 5300MHz Ant2



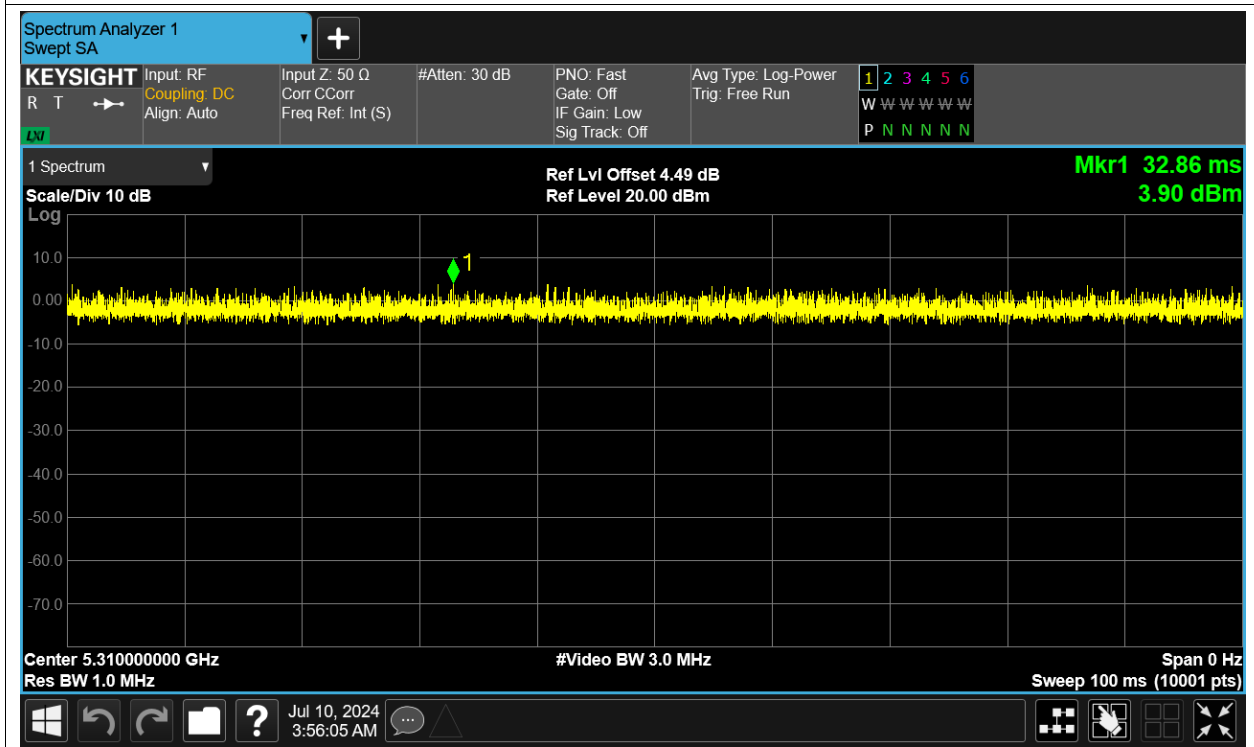
Duty Cycle NVNT n20 5320MHz Ant2



Duty Cycle NVNT n40 5270MHz Ant2



Duty Cycle NVNT n40 5310MHz Ant2



Maximum Conducted Output Power

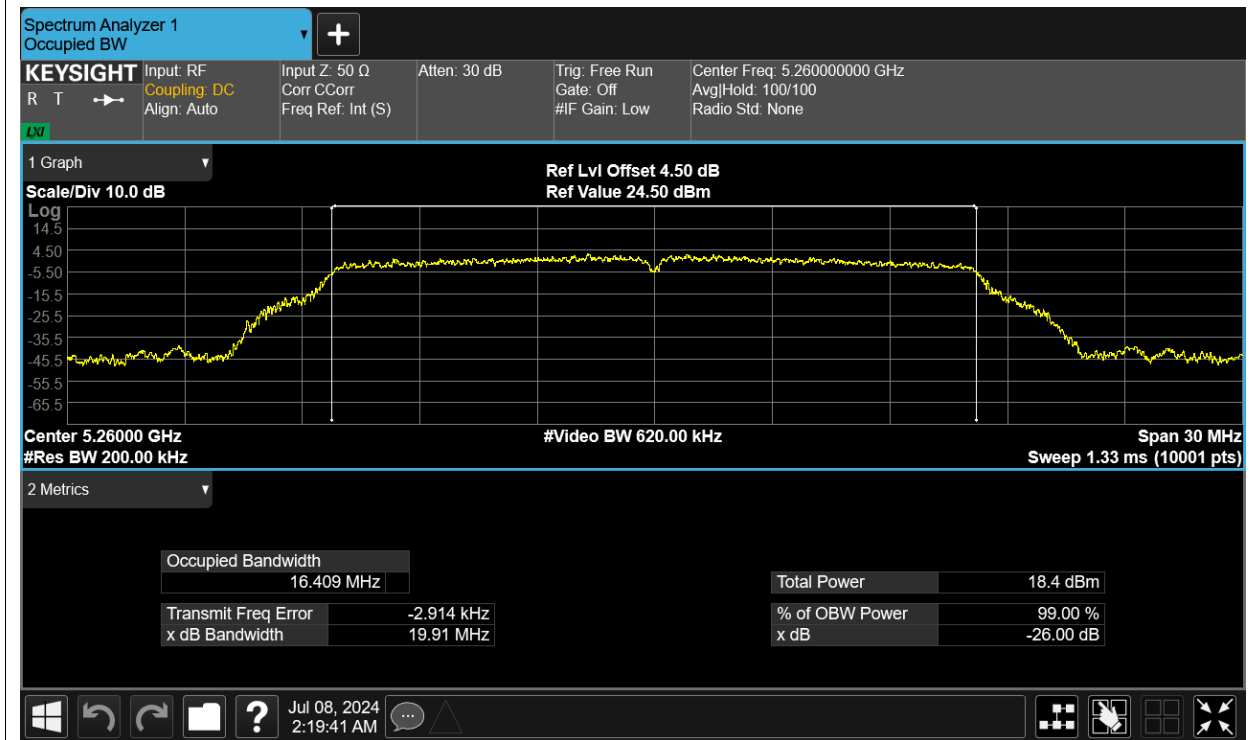
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant2	13.25	0	13.25	24	Pass
NVNT	a	5300	Ant2	14.06	0	14.06	24	Pass
NVNT	a	5320	Ant2	13.42	0	13.42	24	Pass
NVNT	ac20	5260	Ant2	11.76	0	11.76	24	Pass
NVNT	ac20	5300	Ant2	11.97	0	11.97	24	Pass
NVNT	ac20	5320	Ant2	11.58	0	11.58	24	Pass
NVNT	ac40	5270	Ant2	11.71	0	11.71	24	Pass
NVNT	ac40	5310	Ant2	11.7	0	11.7	24	Pass
NVNT	ac80	5290	Ant2	11.72	0	11.72	24	Pass
NVNT	n20	5260	Ant2	11.46	0	11.46	24	Pass
NVNT	n20	5300	Ant2	11.94	0	11.94	24	Pass
NVNT	n20	5320	Ant2	12	0	12	24	Pass
NVNT	n40	5270	Ant2	11.45	0	11.45	24	Pass
NVNT	n40	5310	Ant2	11.89	0	11.89	24	Pass

Occupied Channel Bandwidth

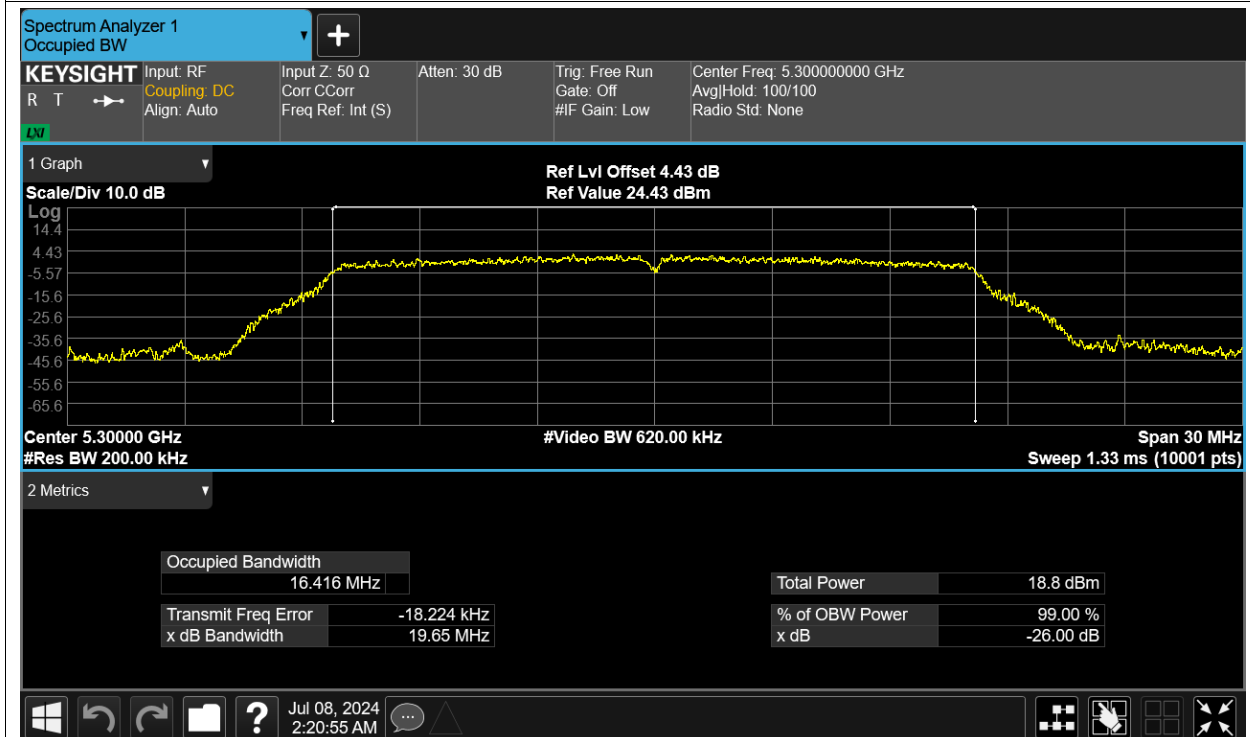
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant2	16.409
NVNT	a	5300	Ant2	16.416
NVNT	a	5320	Ant2	16.407
NVNT	ac20	5260	Ant2	17.567
NVNT	ac20	5300	Ant2	17.574
NVNT	ac20	5320	Ant2	17.551
NVNT	ac40	5270	Ant2	35.924
NVNT	ac40	5310	Ant2	35.94
NVNT	ac80	5290	Ant2	75.246
NVNT	n20	5260	Ant2	17.572
NVNT	n20	5300	Ant2	17.552
NVNT	n20	5320	Ant2	17.533
NVNT	n40	5270	Ant2	35.92
NVNT	n40	5310	Ant2	35.901

Test Graphs

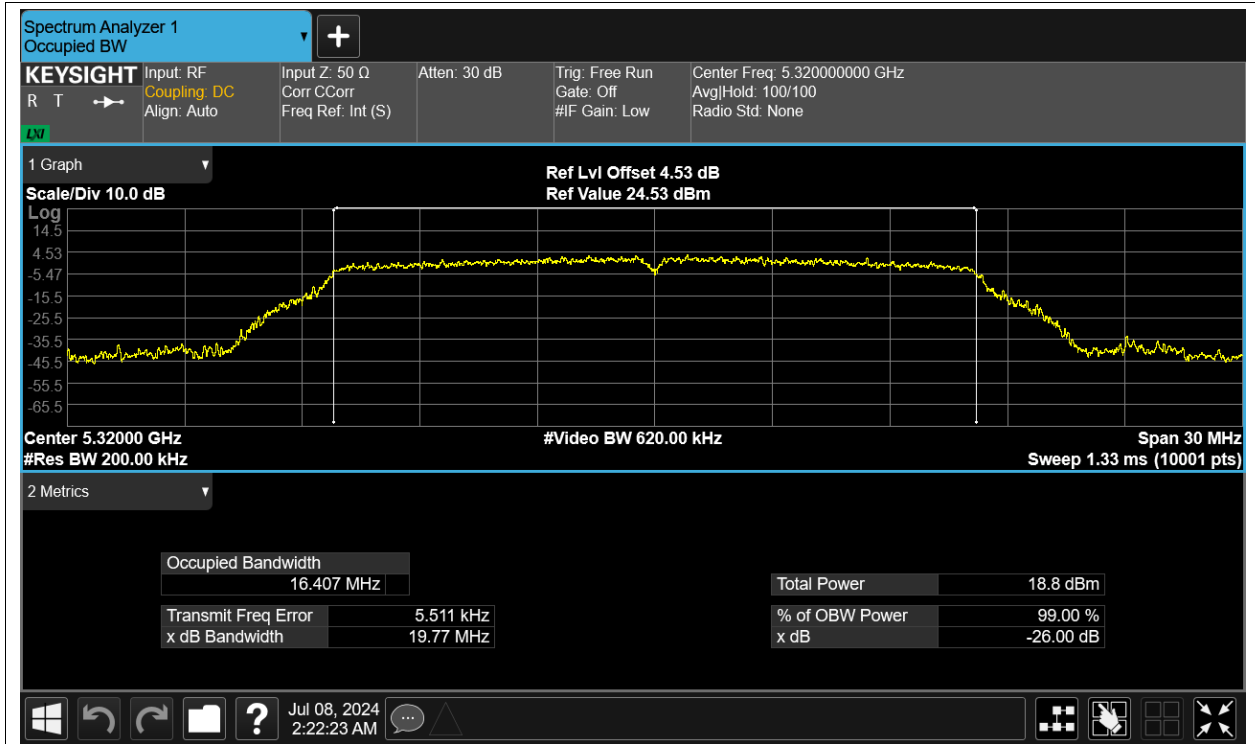
OBW NVNT a 5260MHz Ant2



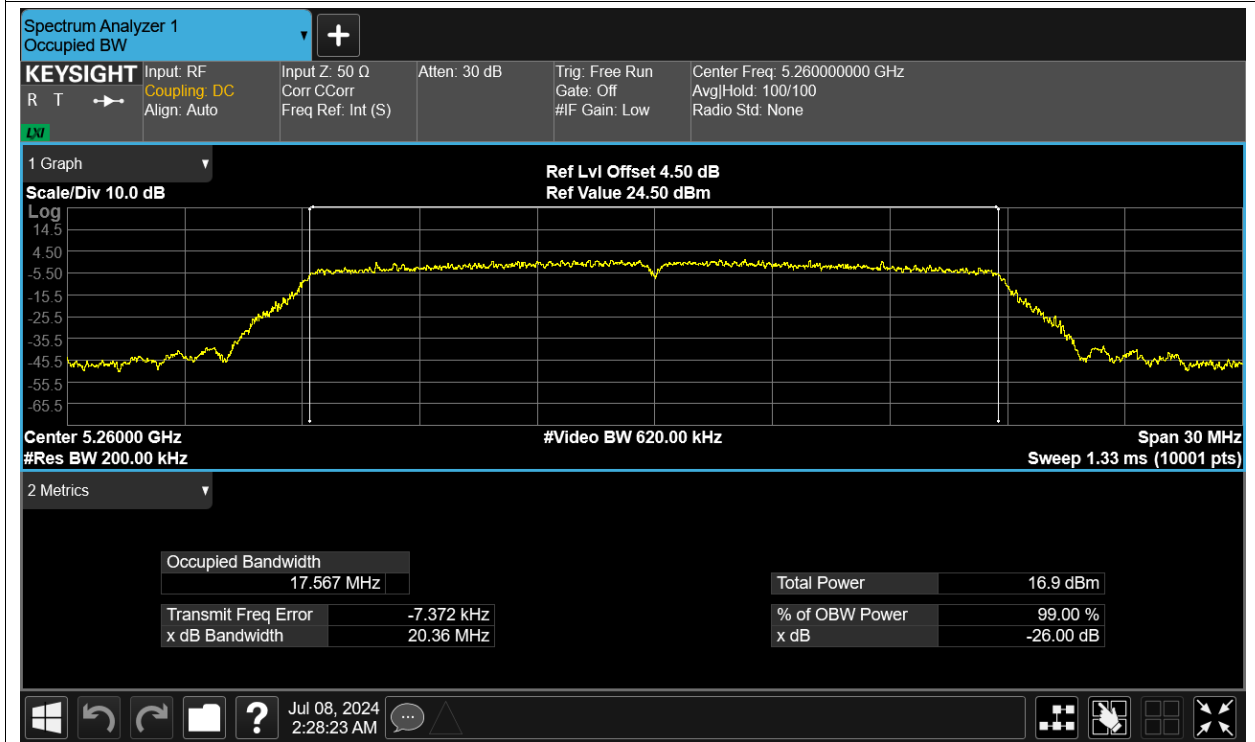
OBW NVNT a 5300MHz Ant2



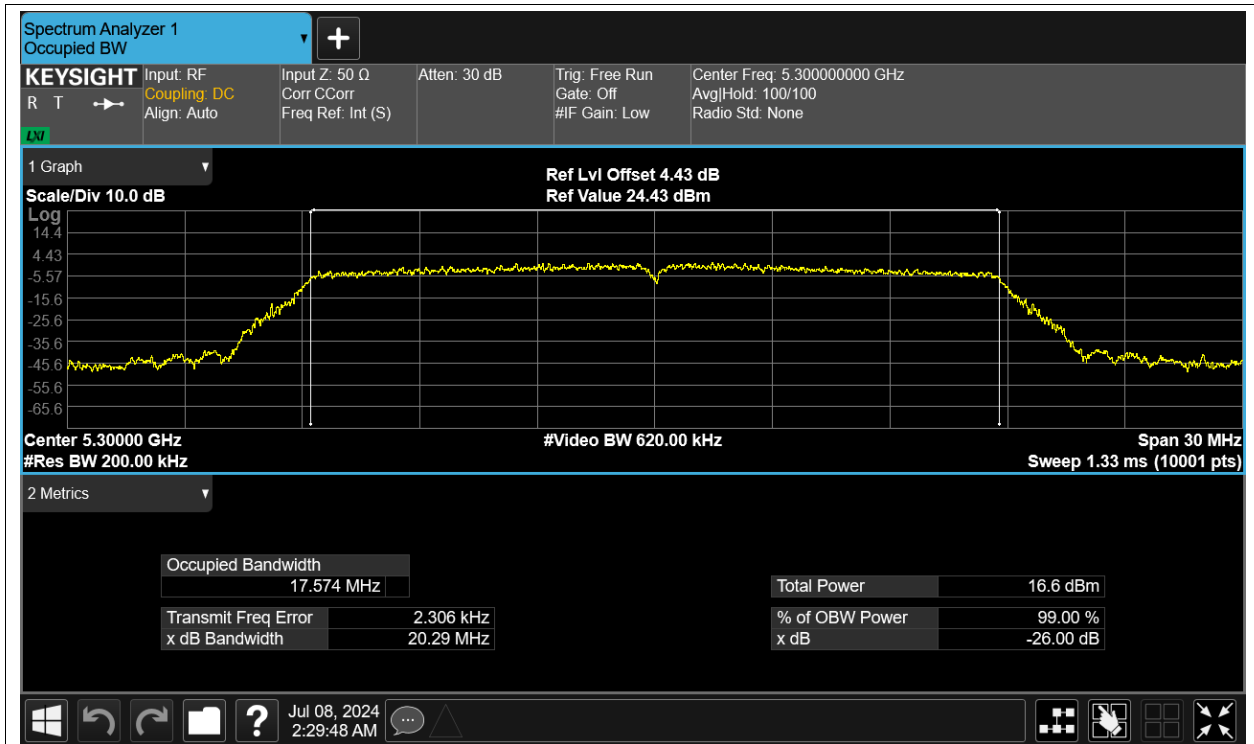
OBW NVNT a 5320MHz Ant2



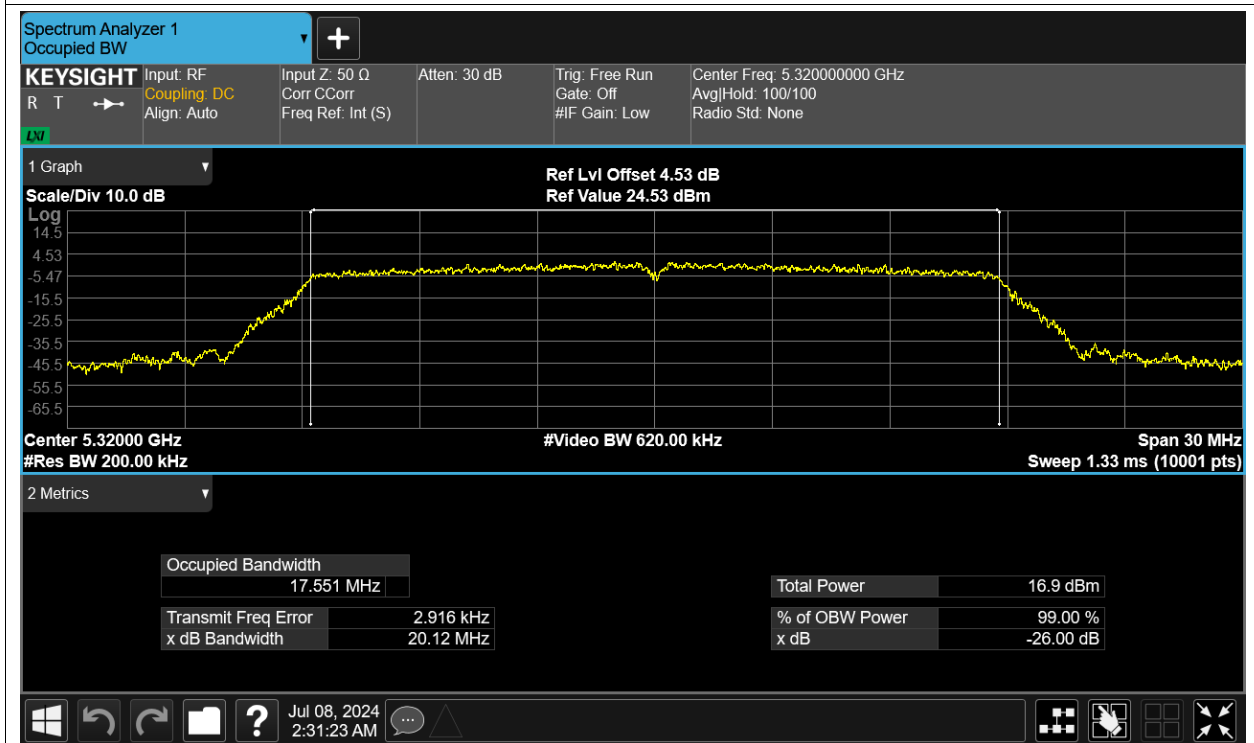
OBW NVNT ac20 5260MHz Ant2



OBW NVNT ac20 5300MHz Ant2



OBW NVNT ac20 5320MHz Ant2



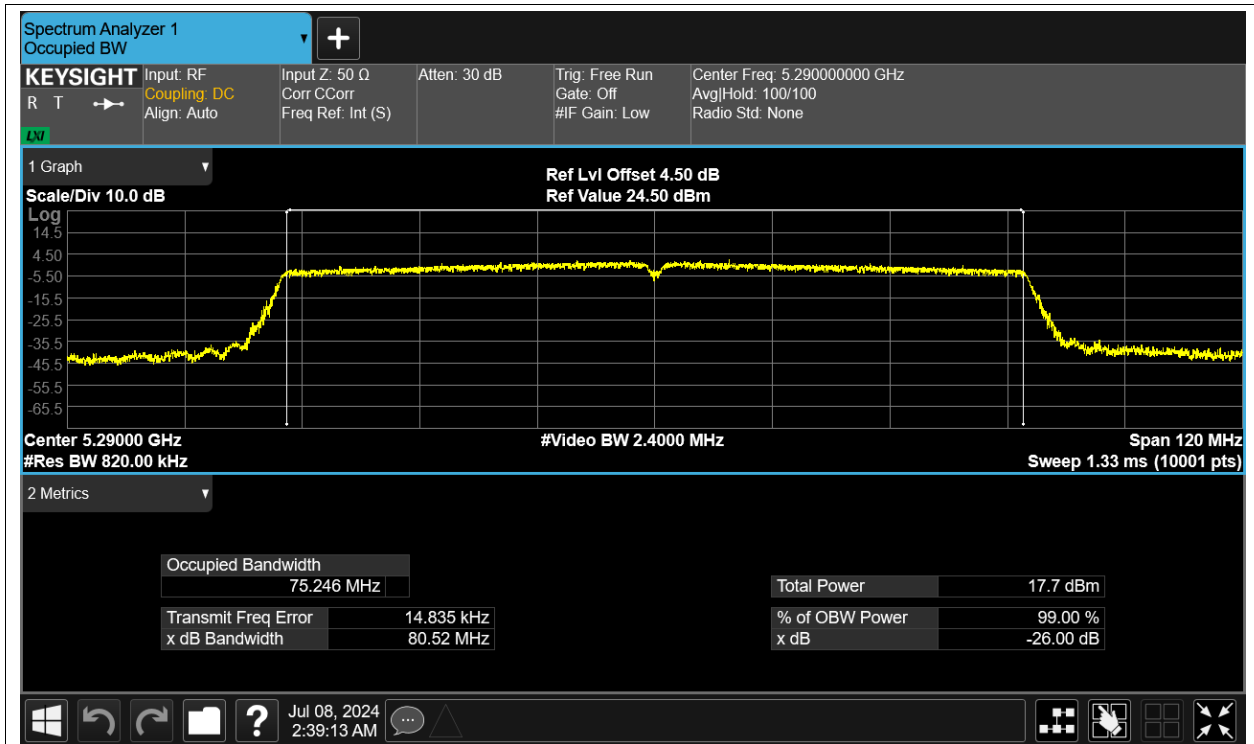
OBW NVNT ac40 5270MHz Ant2



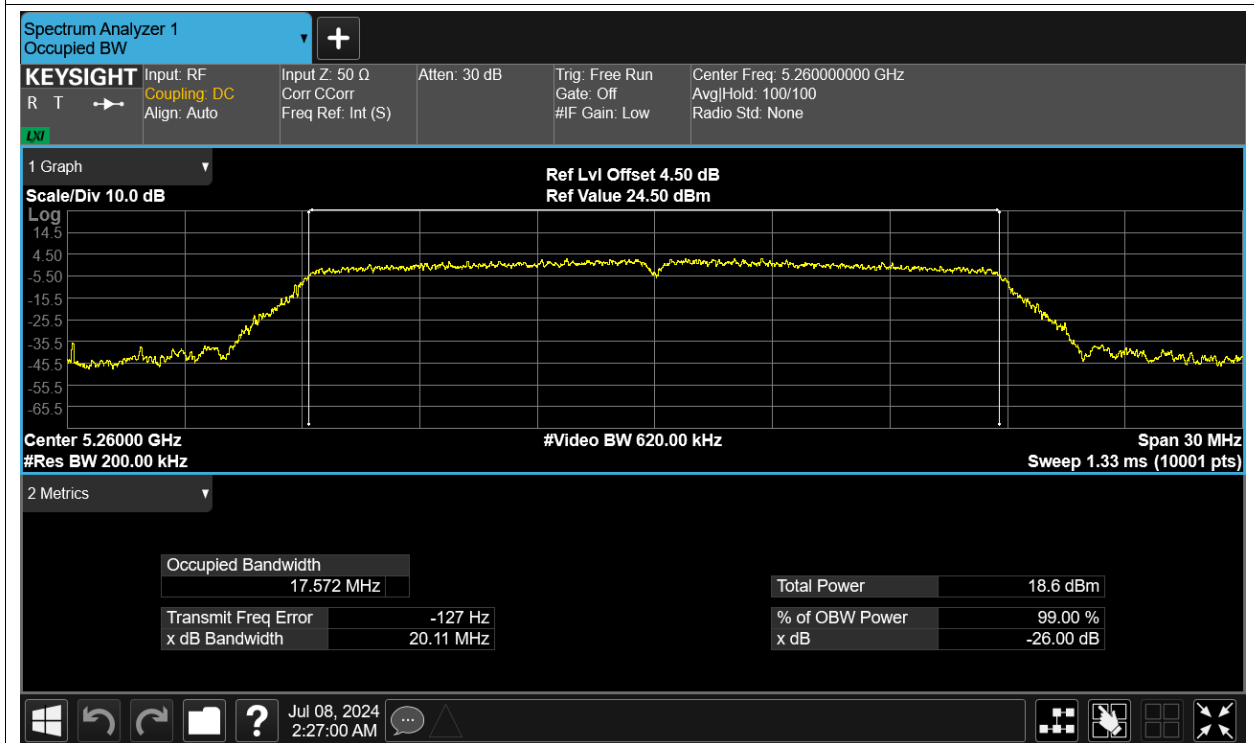
OBW NVNT ac40 5310MHz Ant2



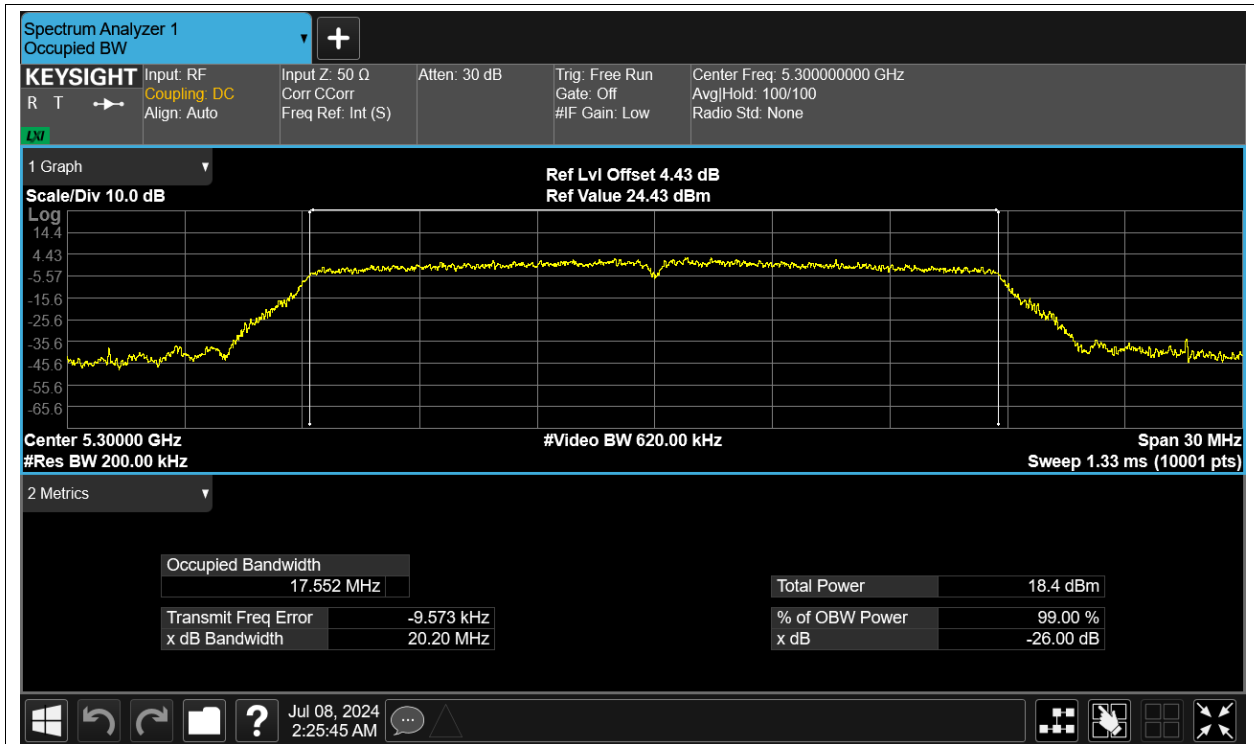
OBW NVNT ac80 5290MHz Ant2



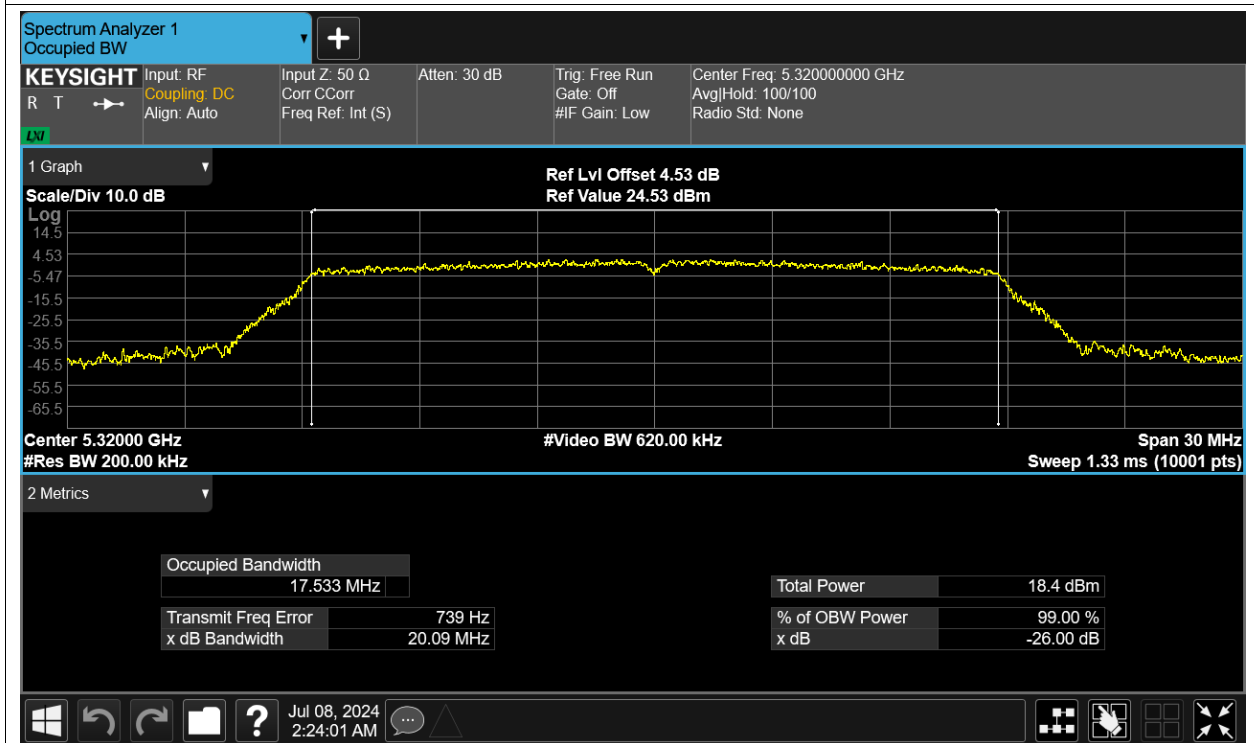
OBW NVNT n20 5260MHz Ant2



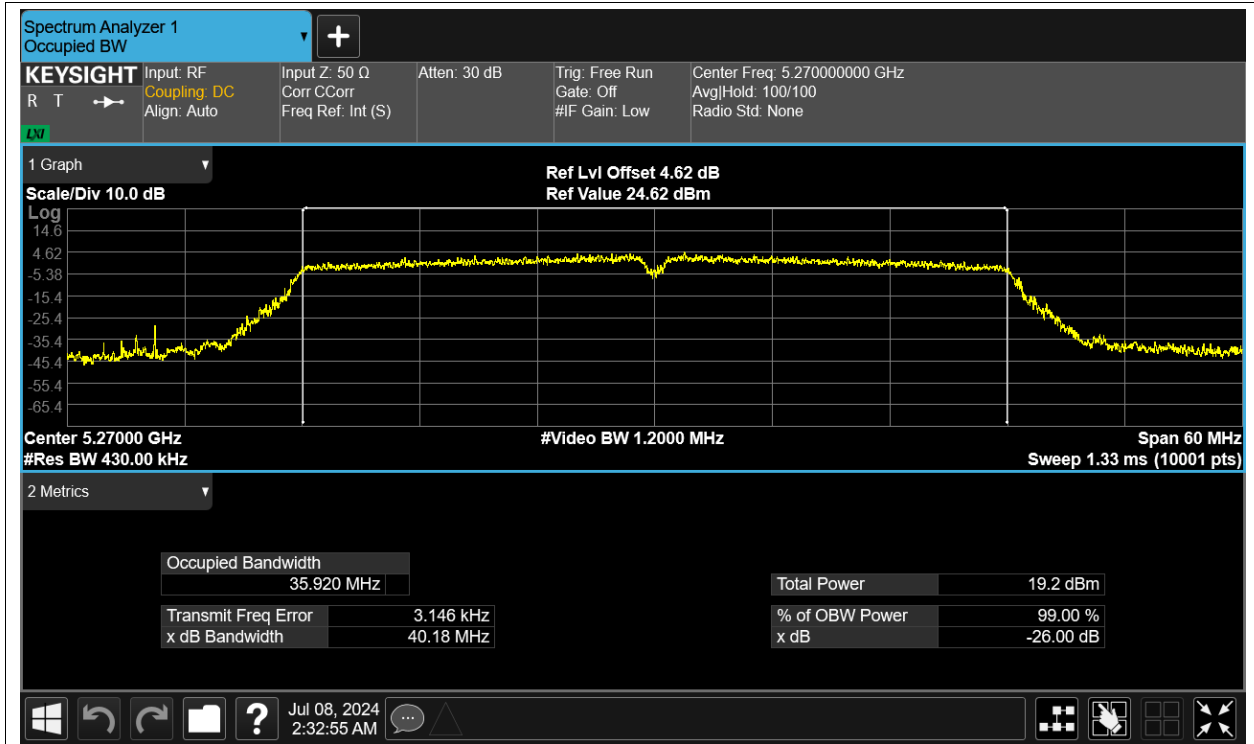
OBW NVNT n20 5300MHz Ant2



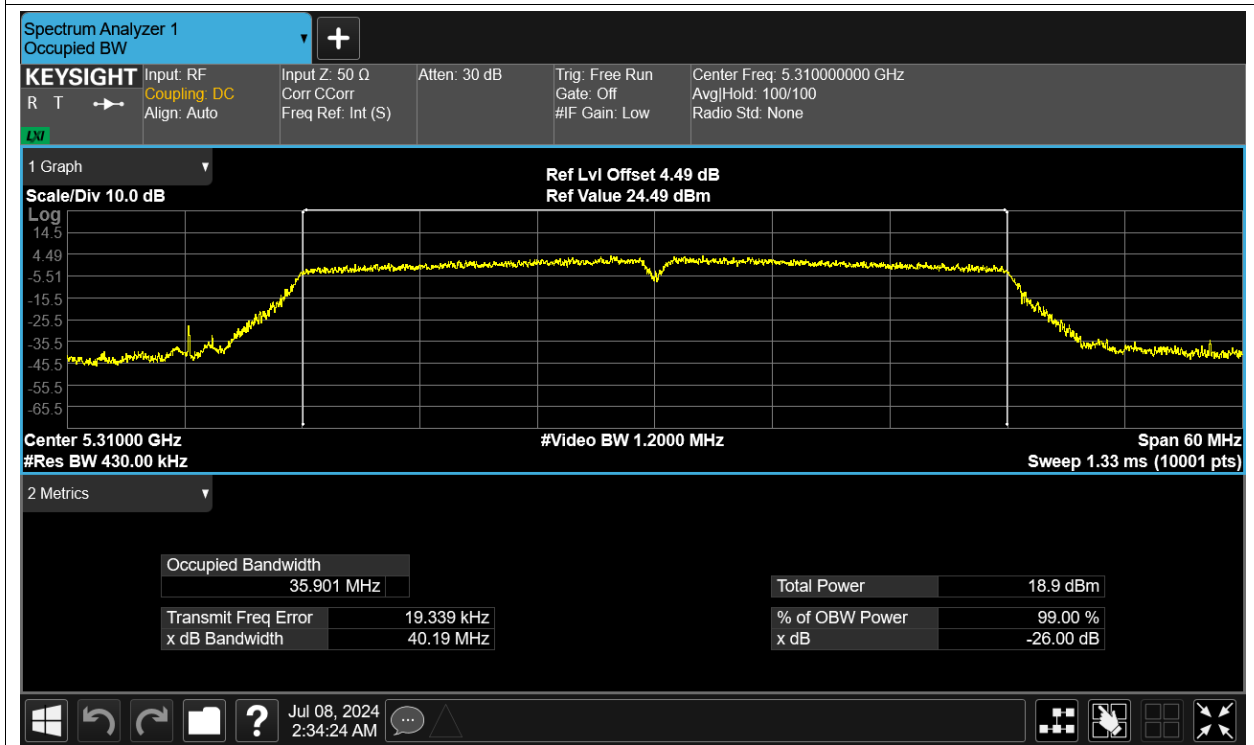
OBW NVNT n20 5320MHz Ant2



OBW NVNT n40 5270MHz Ant2



OBW NVNT n40 5310MHz Ant2

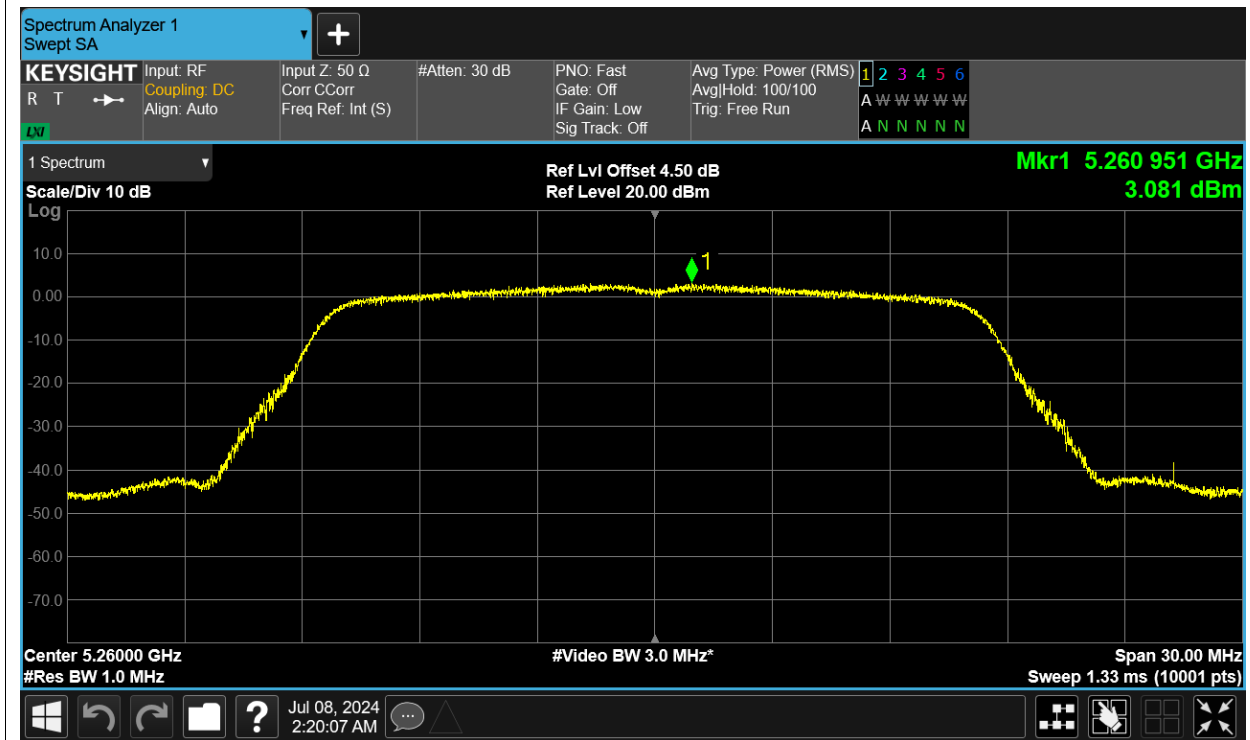


Maximum Power Spectral Density Level

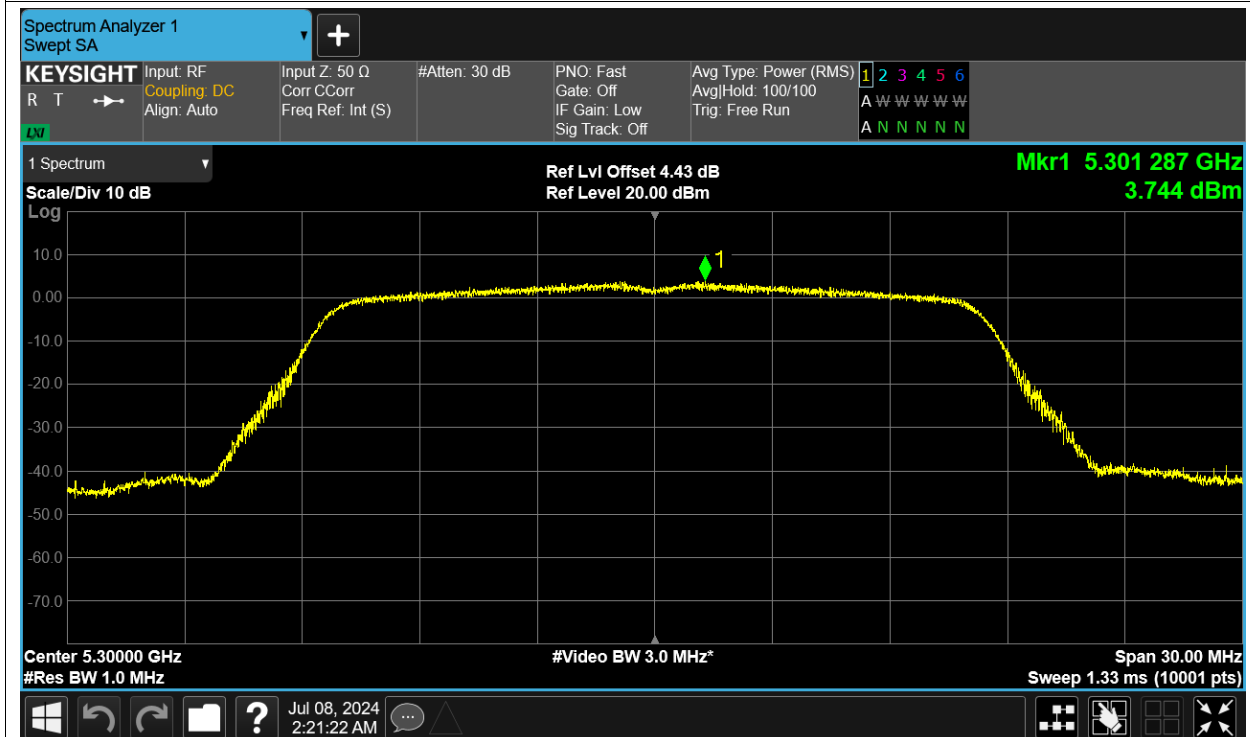
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant2	3.081	11	Pass
NVNT	a	5300	Ant2	3.744	11	Pass
NVNT	a	5320	Ant2	3.956	11	Pass
NVNT	ac20	5260	Ant2	1.53	11	Pass
NVNT	ac20	5300	Ant2	1.274	11	Pass
NVNT	ac20	5320	Ant2	1.68	11	Pass
NVNT	ac40	5270	Ant2	-1.096	11	Pass
NVNT	ac40	5310	Ant2	-1.012	11	Pass
NVNT	ac80	5290	Ant2	-4.638	11	Pass
NVNT	n20	5260	Ant2	3.599	11	Pass
NVNT	n20	5300	Ant2	3.212	11	Pass
NVNT	n20	5320	Ant2	3.211	11	Pass
NVNT	n40	5270	Ant2	0.986	11	Pass
NVNT	n40	5310	Ant2	0.394	11	Pass

Test Graphs

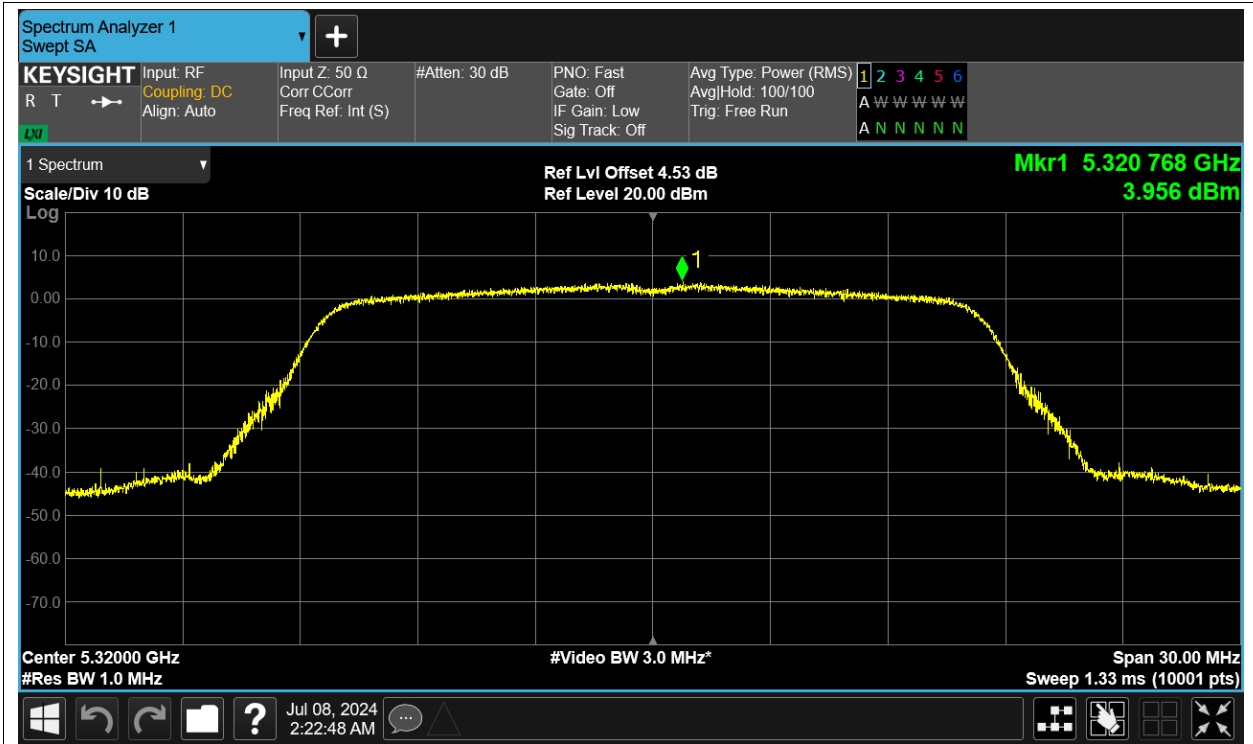
PSD NVNT a 5260MHz Ant2



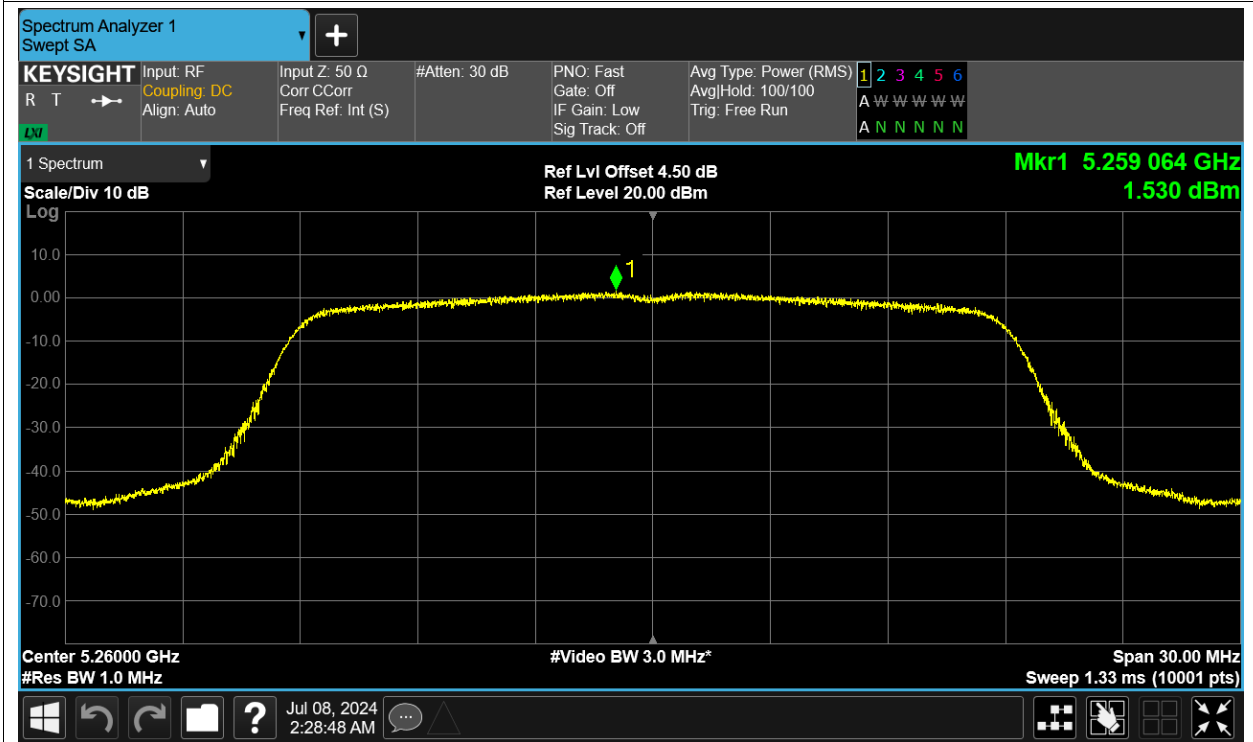
PSD NVNT a 5300MHz Ant2



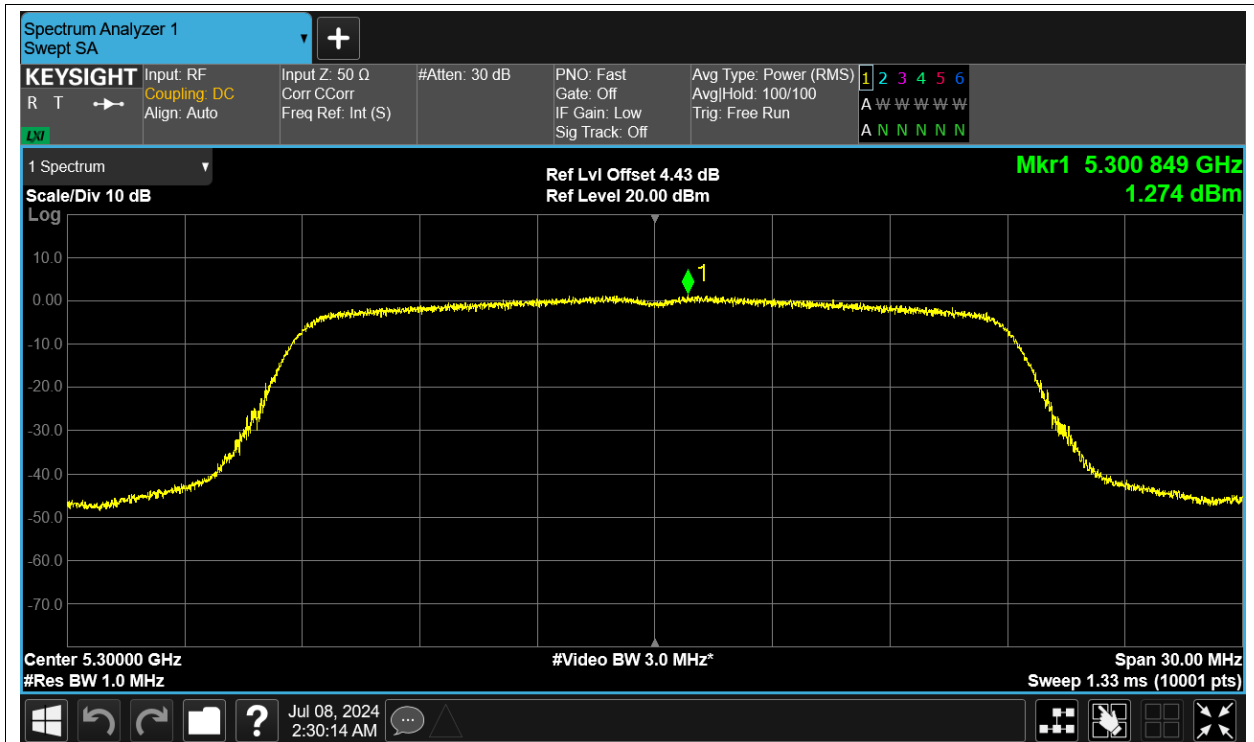
PSD NVNT a 5320MHz Ant2



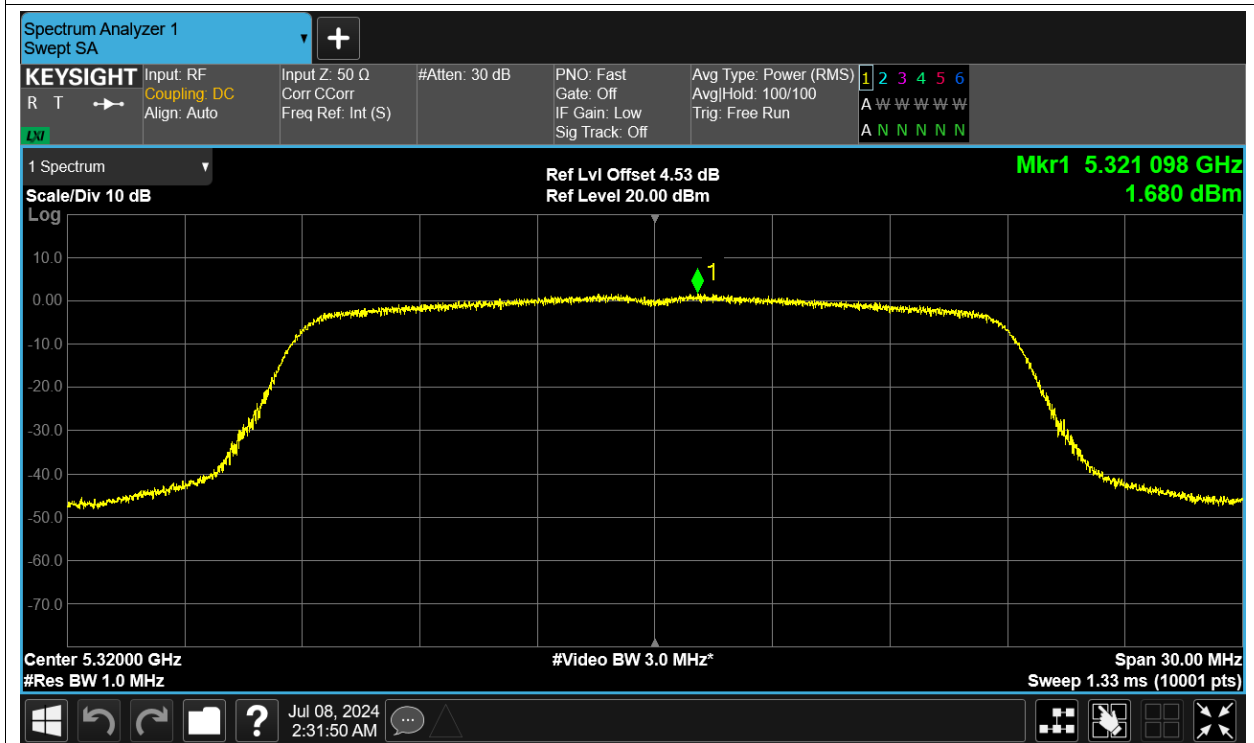
PSD NVNT ac20 5260MHz Ant2



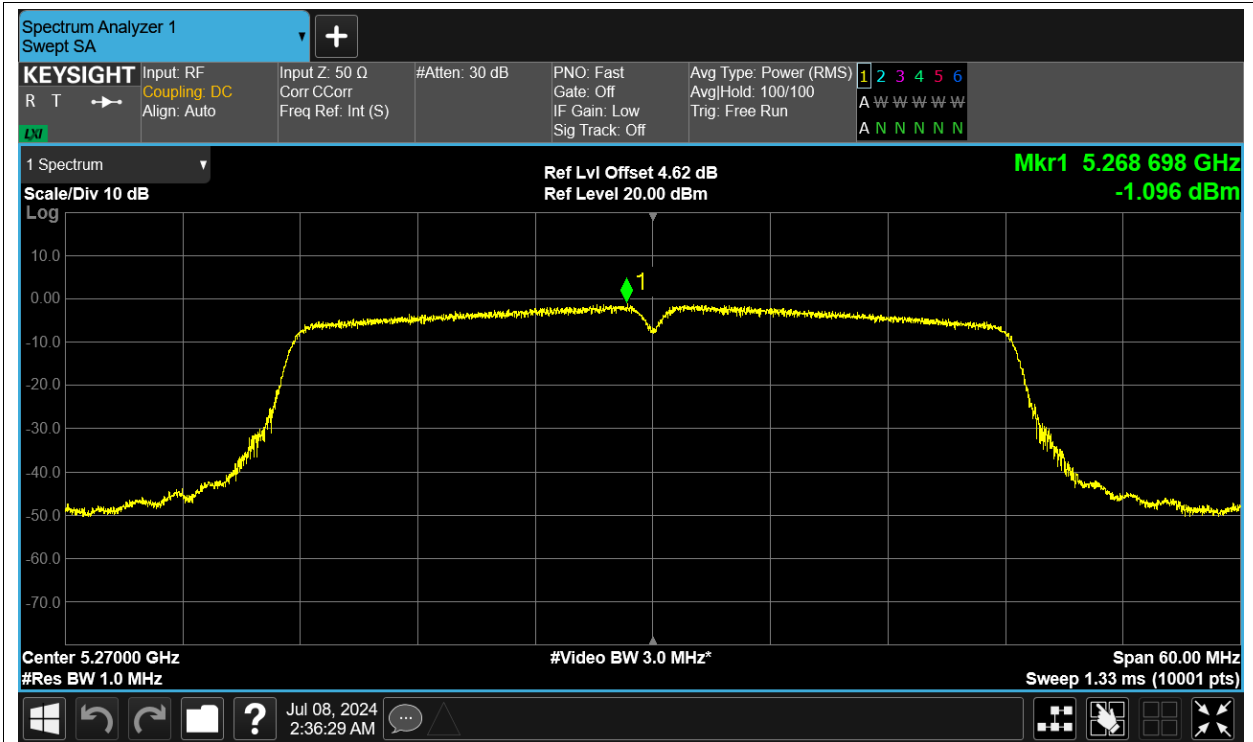
PSD NVNT ac20 5300MHz Ant2



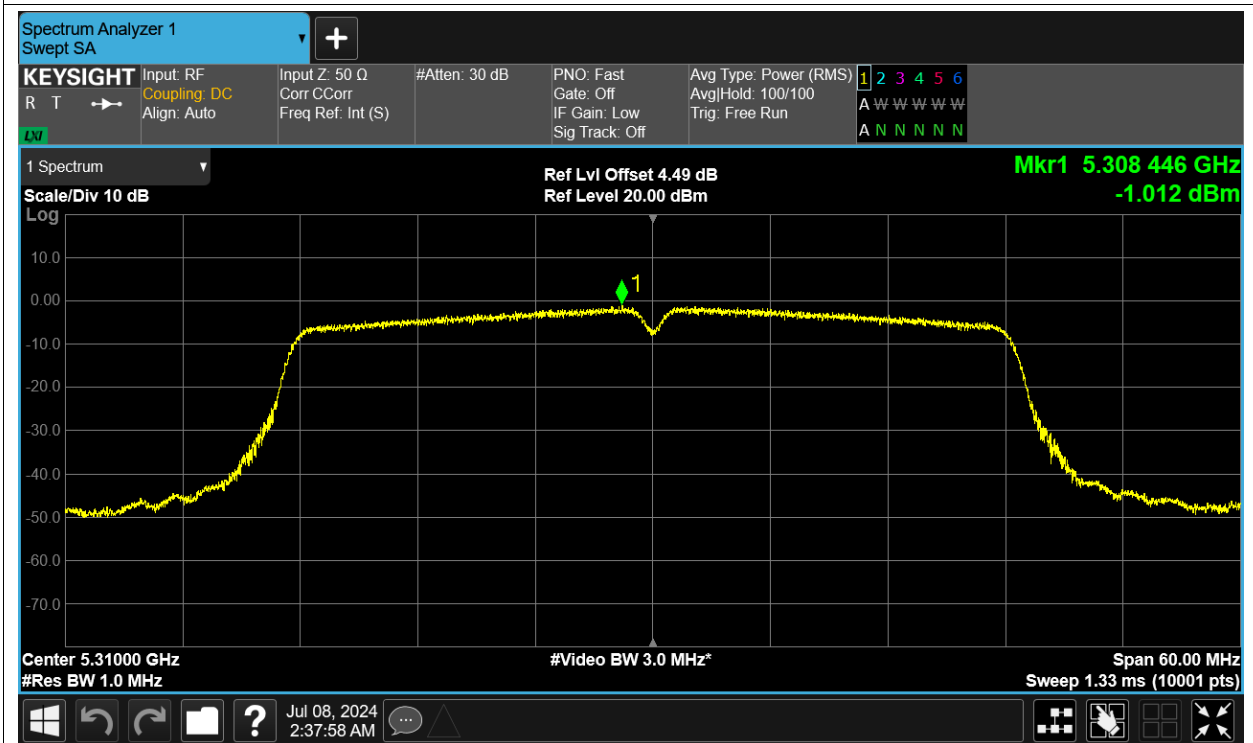
PSD NVNT ac20 5320MHz Ant2



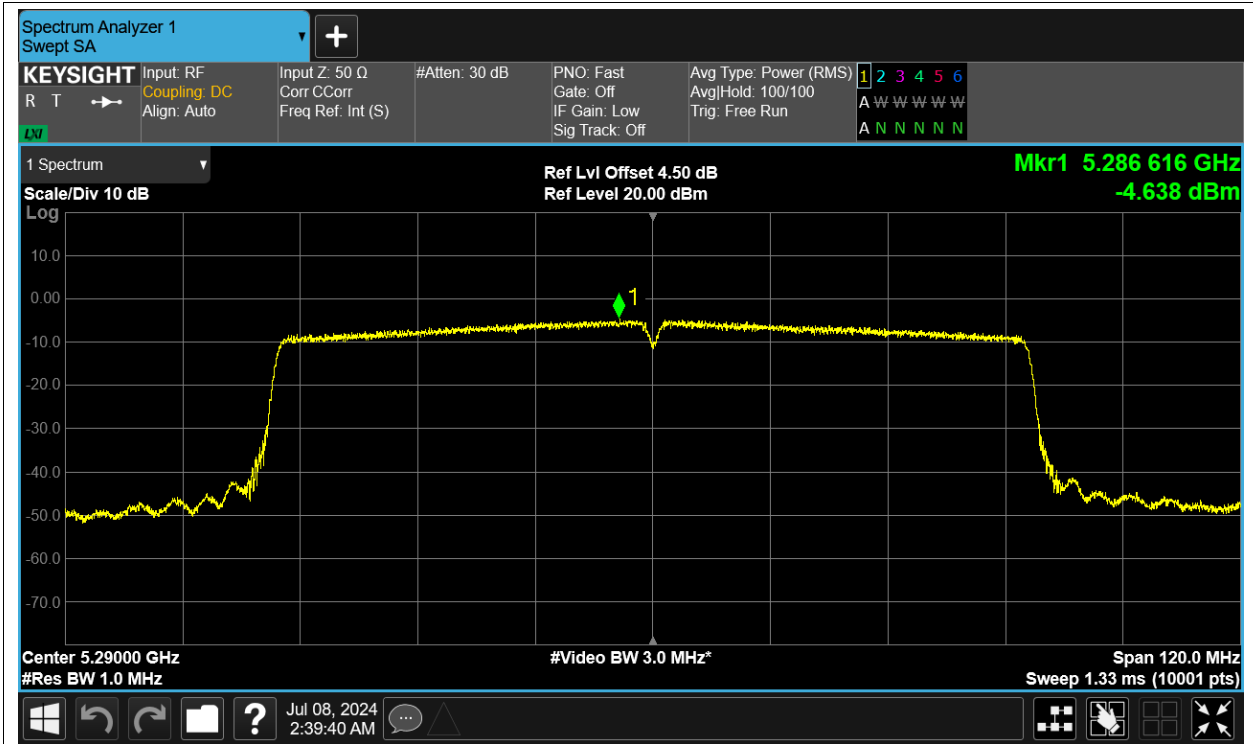
PSD NVNT ac40 5270MHz Ant2



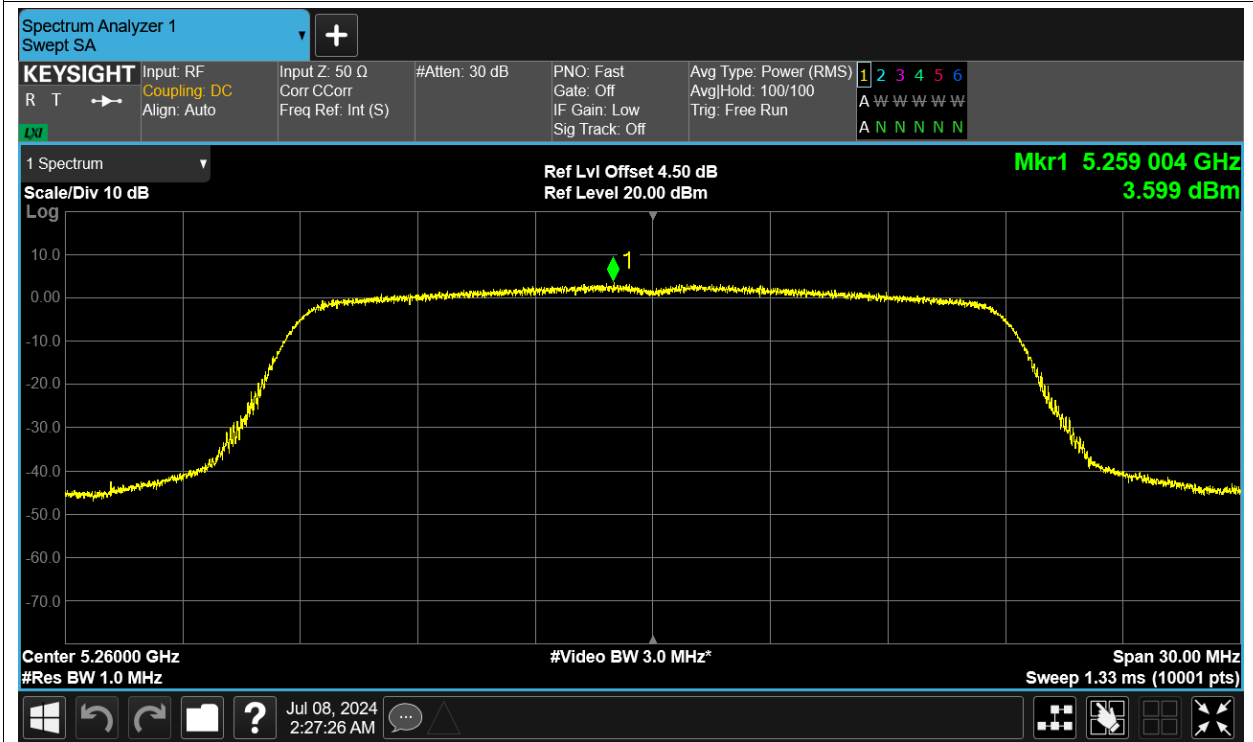
PSD NVNT ac40 5310MHz Ant2



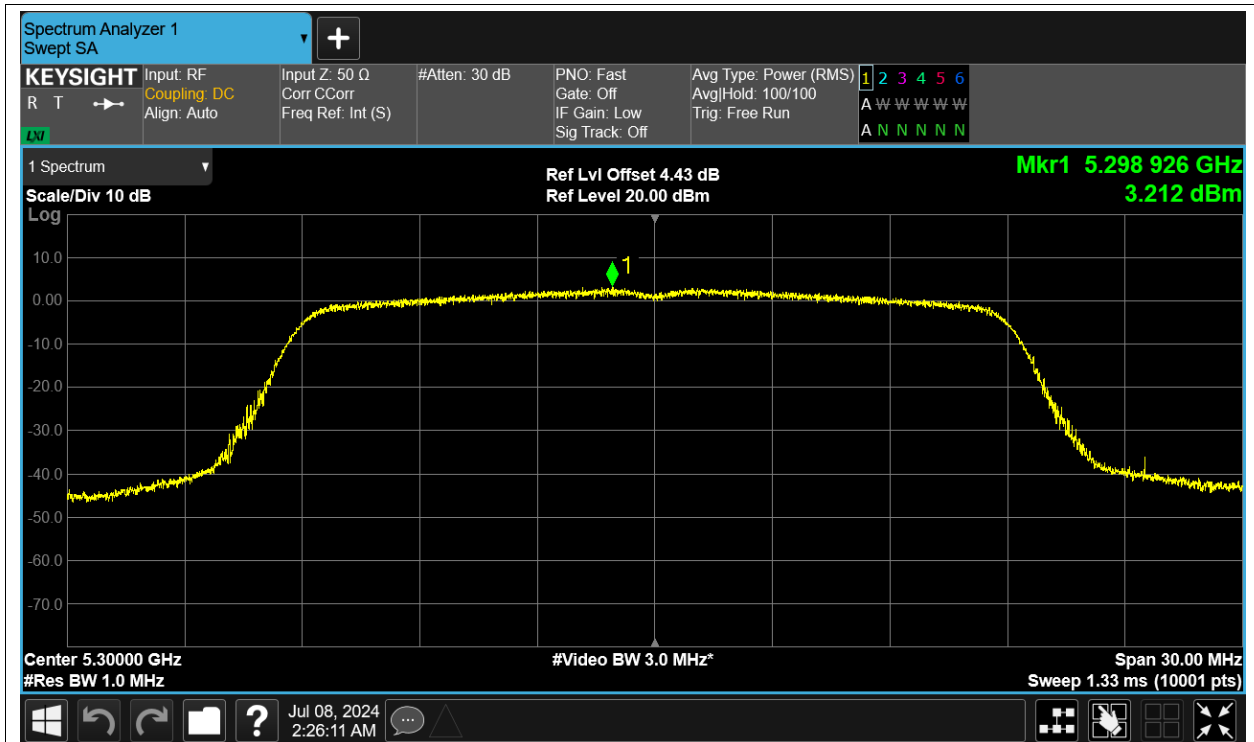
PSD NVNT ac80 5290MHz Ant2



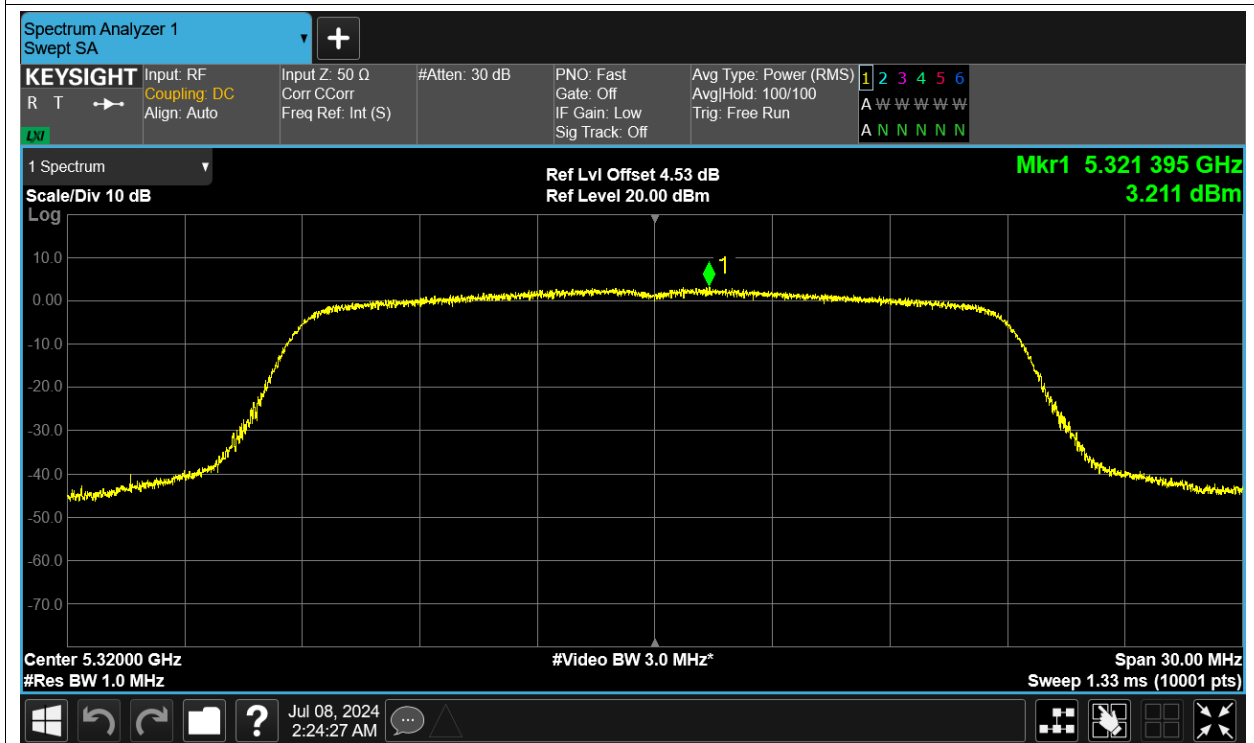
PSD NVNT n20 5260MHz Ant2



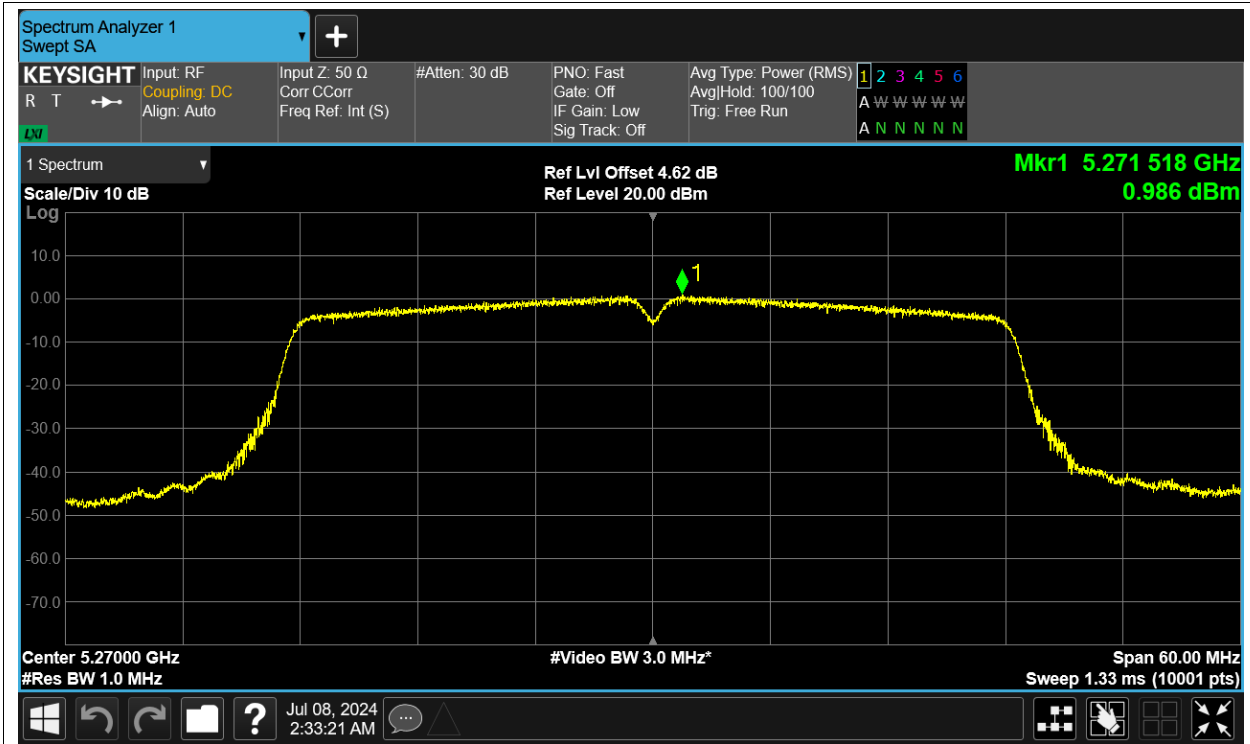
PSD NVNT n20 5300MHz Ant2



PSD NVNT n20 5320MHz Ant2



PSD NVNT n40 5270MHz Ant2



PSD NVNT n40 5310MHz Ant2

