

Test Data

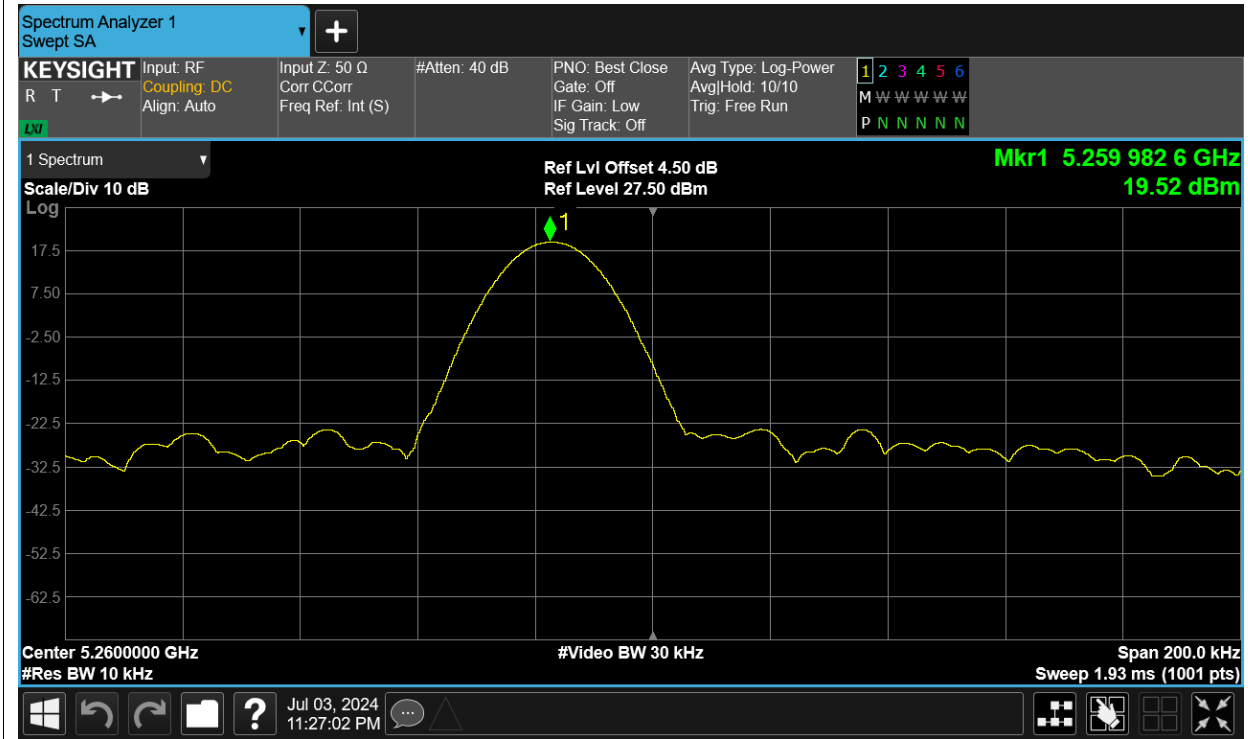
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	ANT13	5259.9826	-3.31	Within authorized band	Pass
LVNT	a	5260	ANT13	5259.9828	-3.27		Pass
NVHT	a	5260	ANT13	5259.983	-3.23		Pass
NVLT	a	5260	ANT13	5259.9834	-3.16		Pass
NVNT	a	5260	ANT13	5259.9838	-3.08		Pass
HVNT	ac80	5290	ANT13	5289.9806	-3.67		Pass
LVNT	ac80	5290	ANT13	5289.981	-3.59		Pass
NVHT	ac80	5290	ANT13	5289.9814	-3.52		Pass
NVLT	ac80	5290	ANT13	5289.9818	-3.44		Pass
NVNT	ac80	5290	ANT13	5289.9822	-3.36		Pass
HVNT	n40	5270	ANT13	5269.9816	-3.49		Pass
LVNT	n40	5270	ANT13	5269.9818	-3.45		Pass
NVHT	n40	5270	ANT13	5269.982	-3.42		Pass
NVLT	n40	5270	ANT13	5269.982	-3.42		Pass
NVNT	n40	5270	ANT13	5269.9826	-3.3		Pass

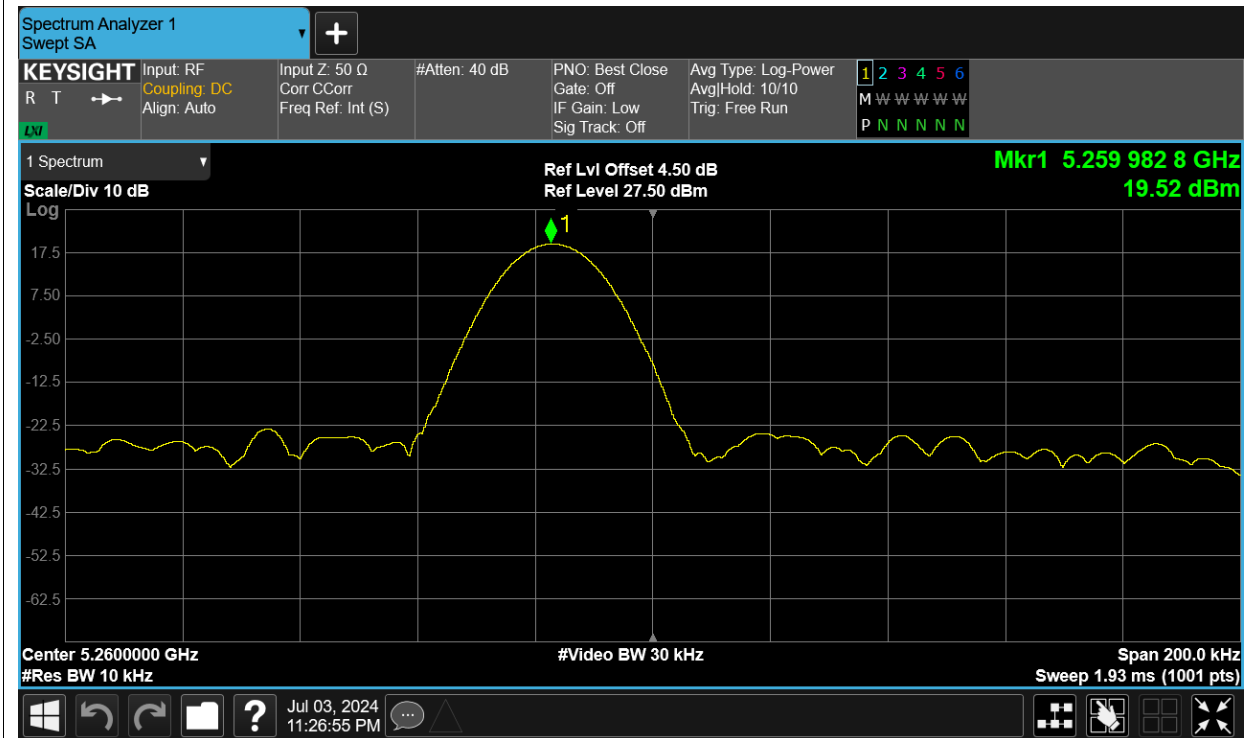
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

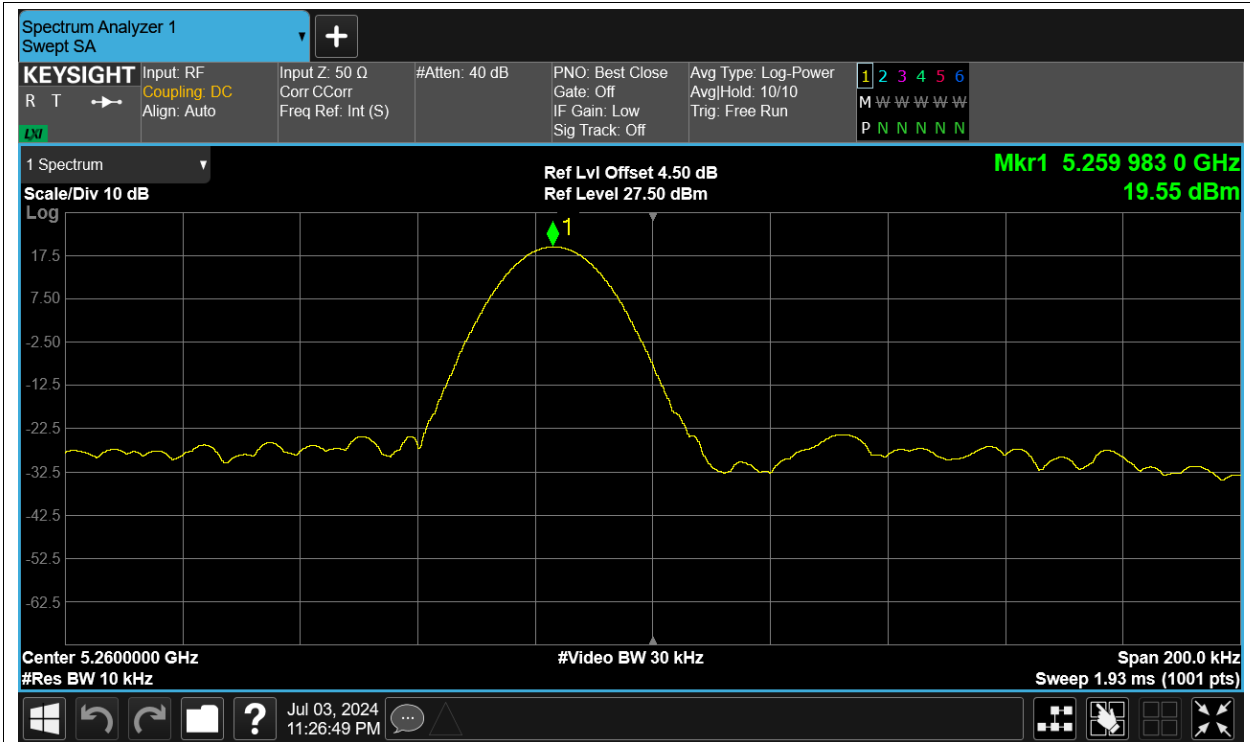
Freq. Stability HVNT a 5260MHz ANT13



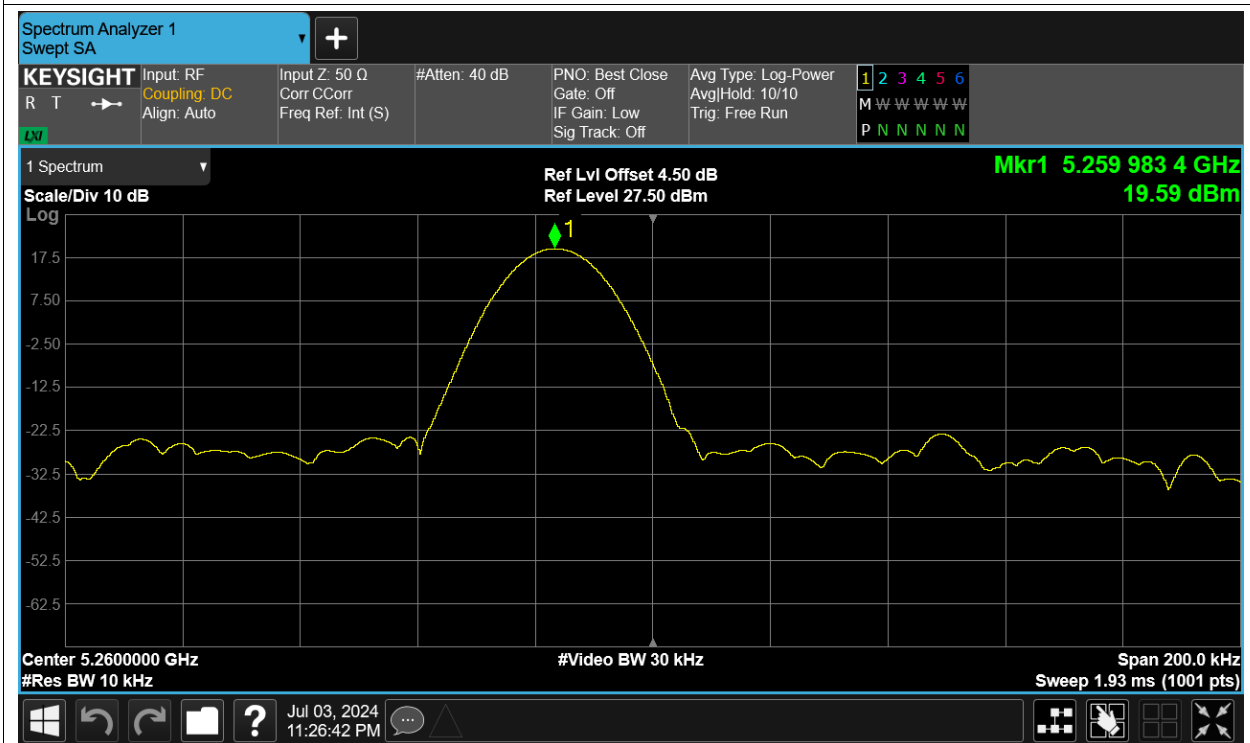
Freq. Stability LVNT a 5260MHz ANT13



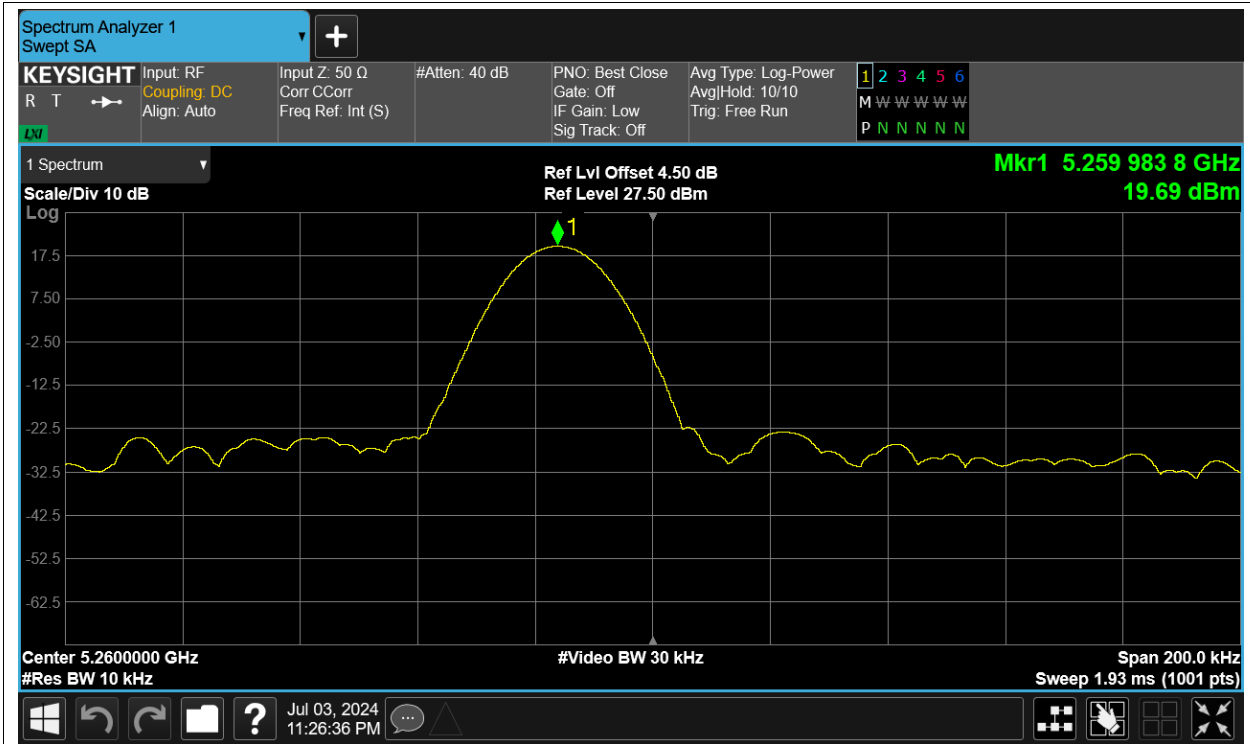
Freq. Stability NVHT a 5260MHz ANT13



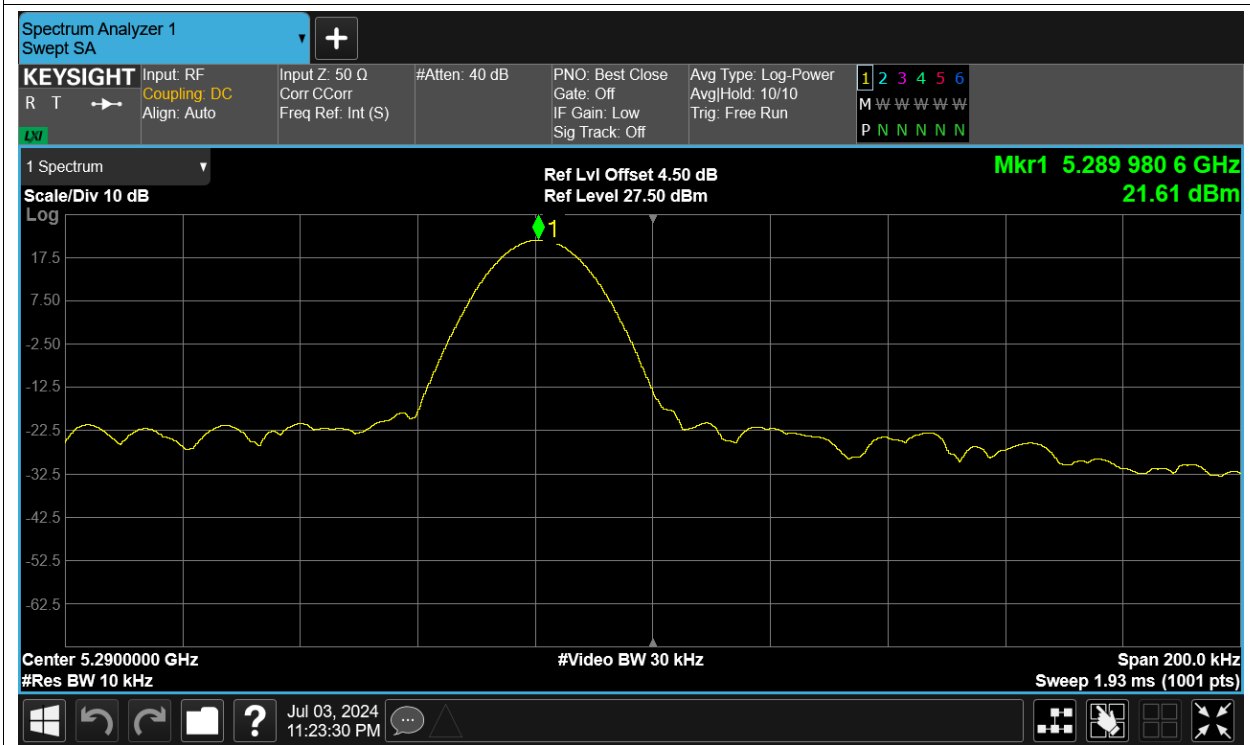
Freq. Stability NVLT a 5260MHz ANT13



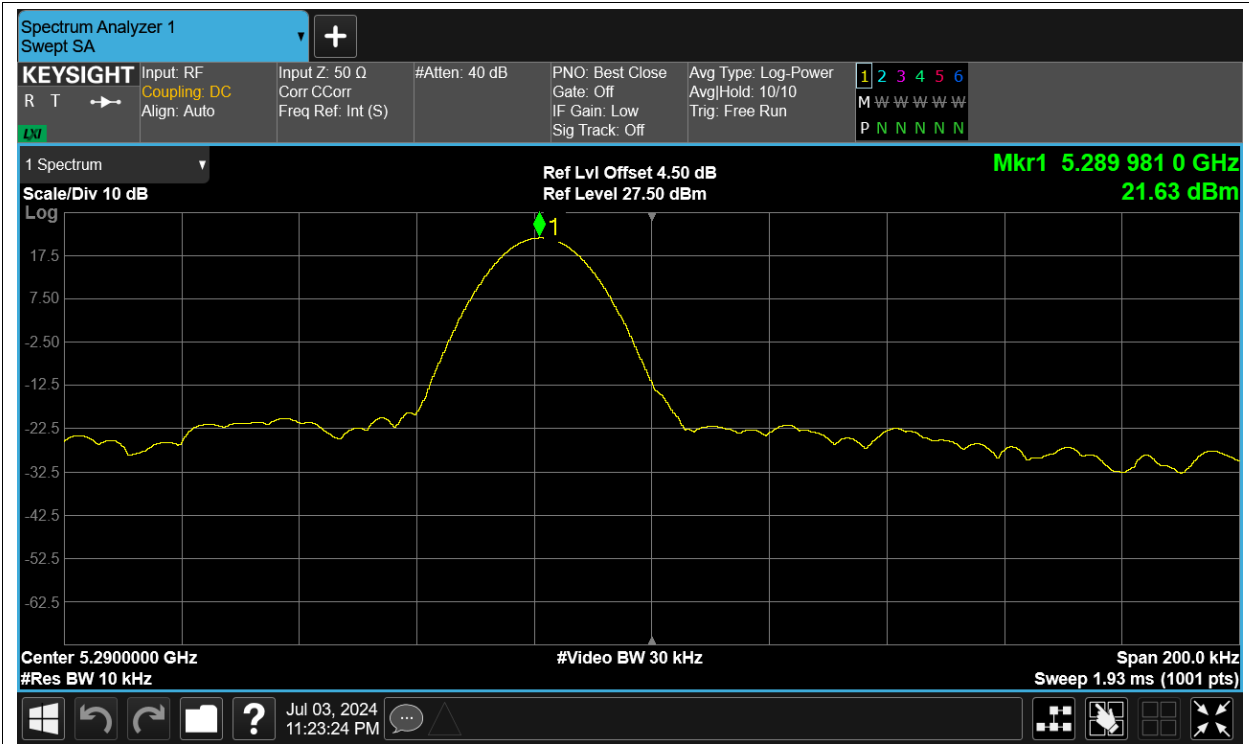
Freq. Stability NVNT a 5260MHz ANT13



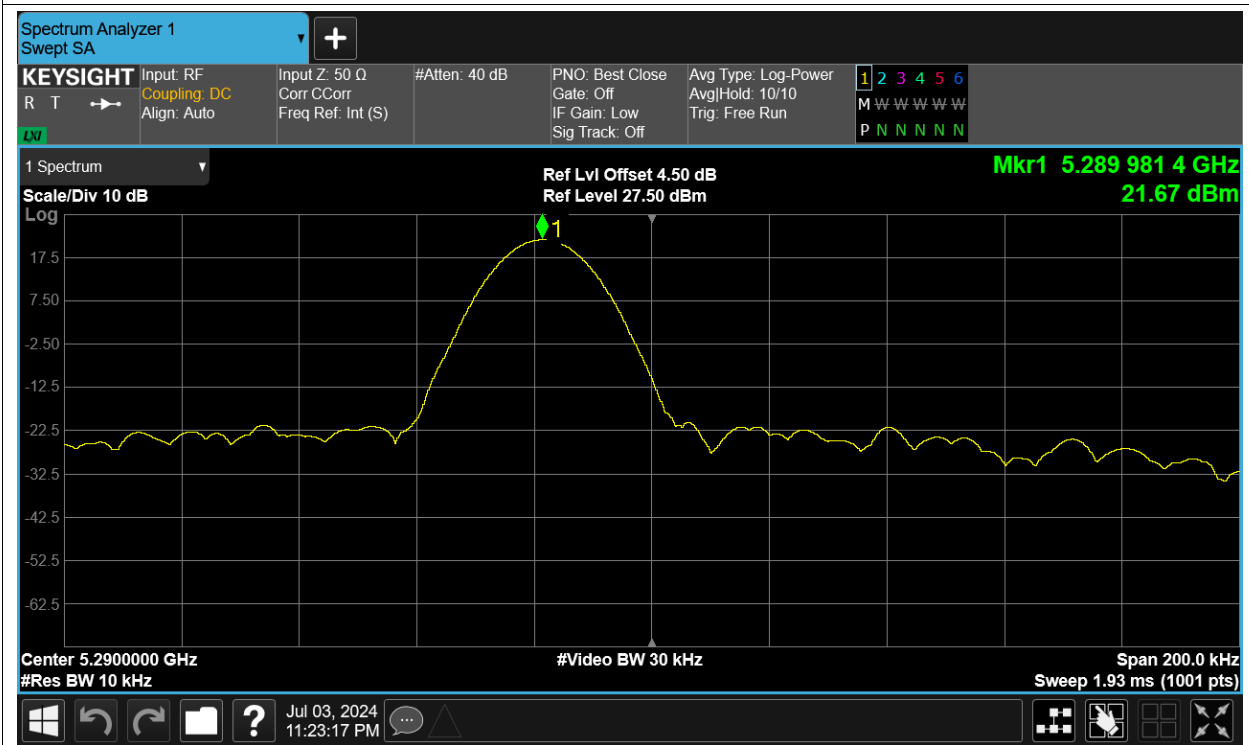
Freq. Stability HVNT ac80 5290MHz ANT13



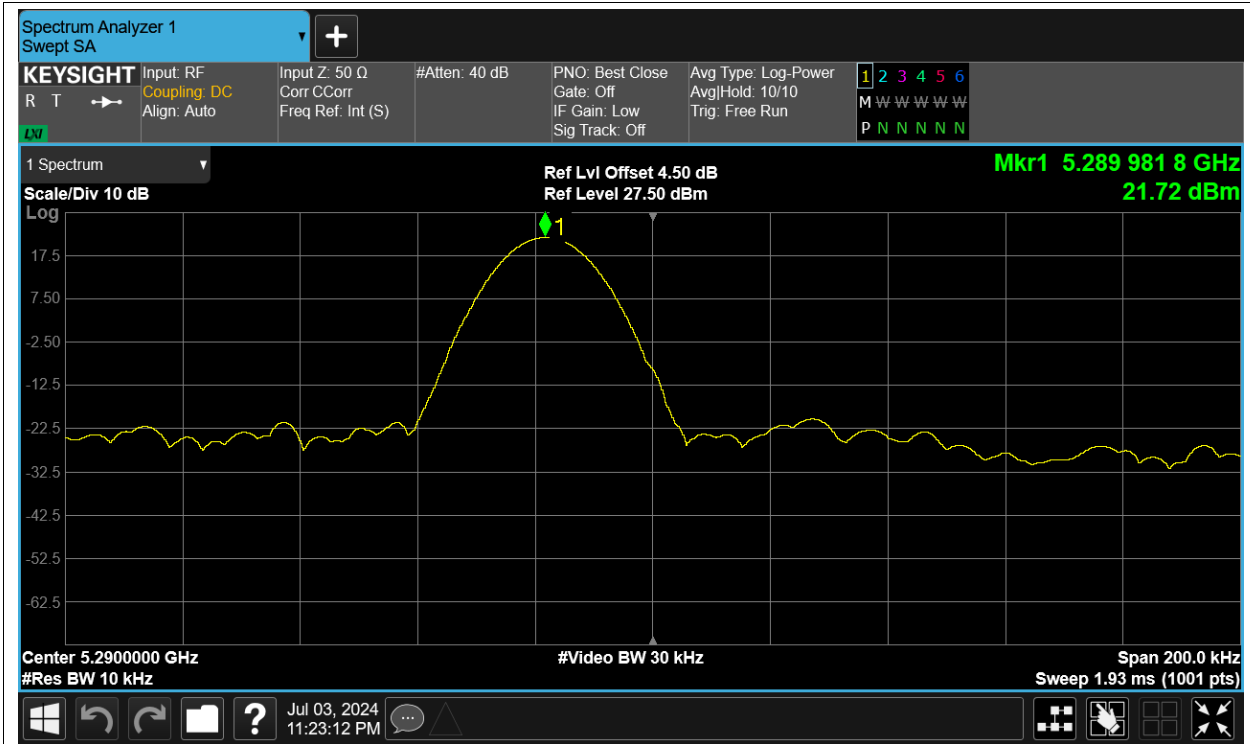
Freq. Stability LVNT ac80 5290MHz ANT13



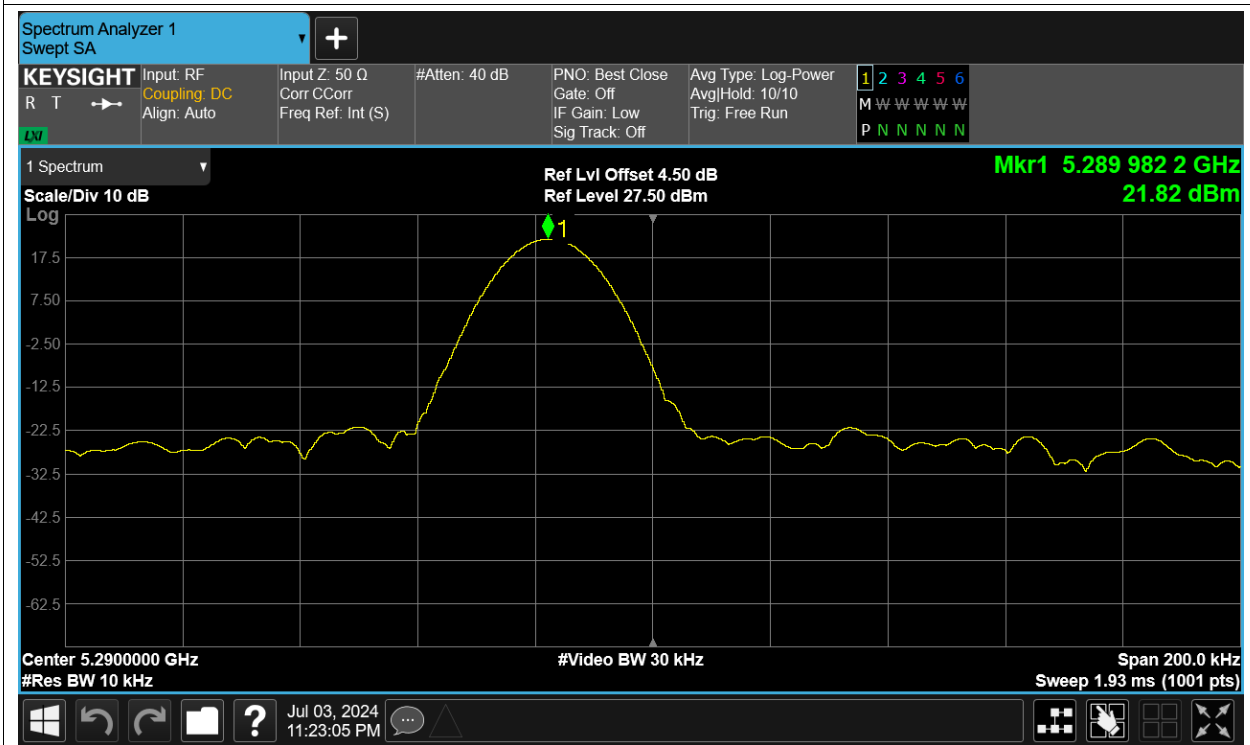
Freq. Stability NVHT ac80 5290MHz ANT13



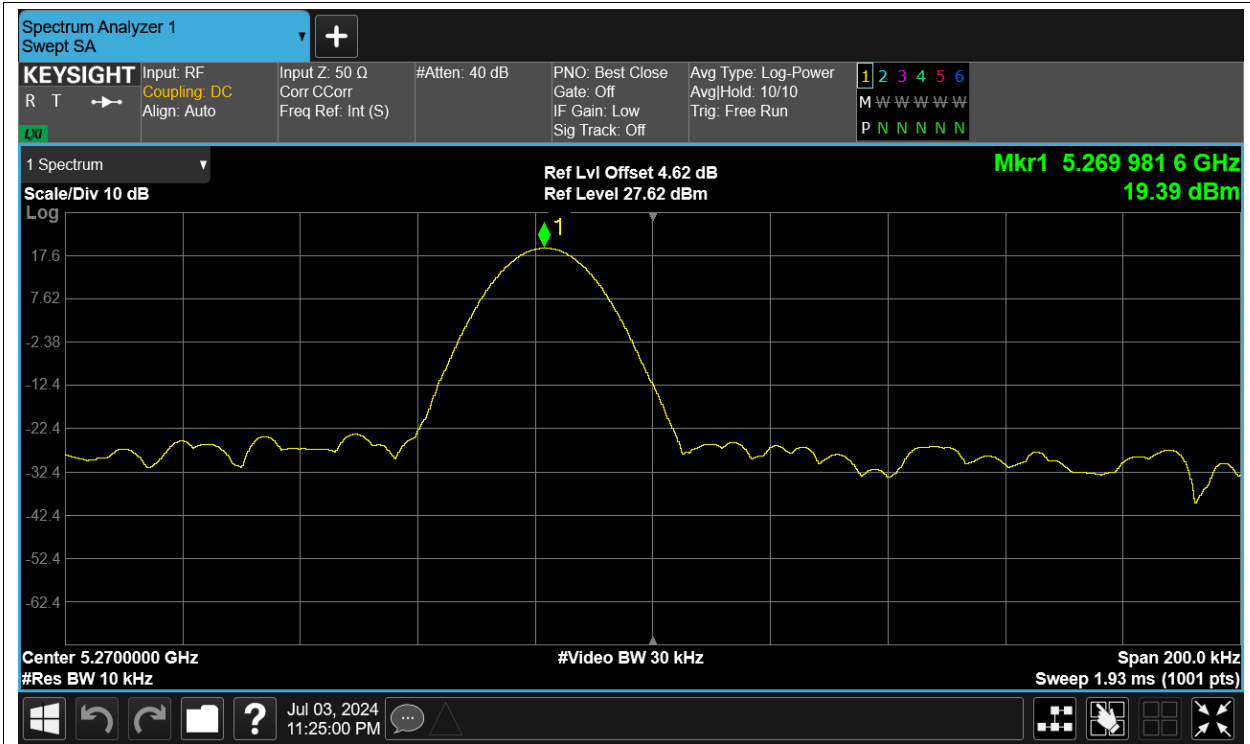
Freq. Stability NVLT ac80 5290MHz ANT13



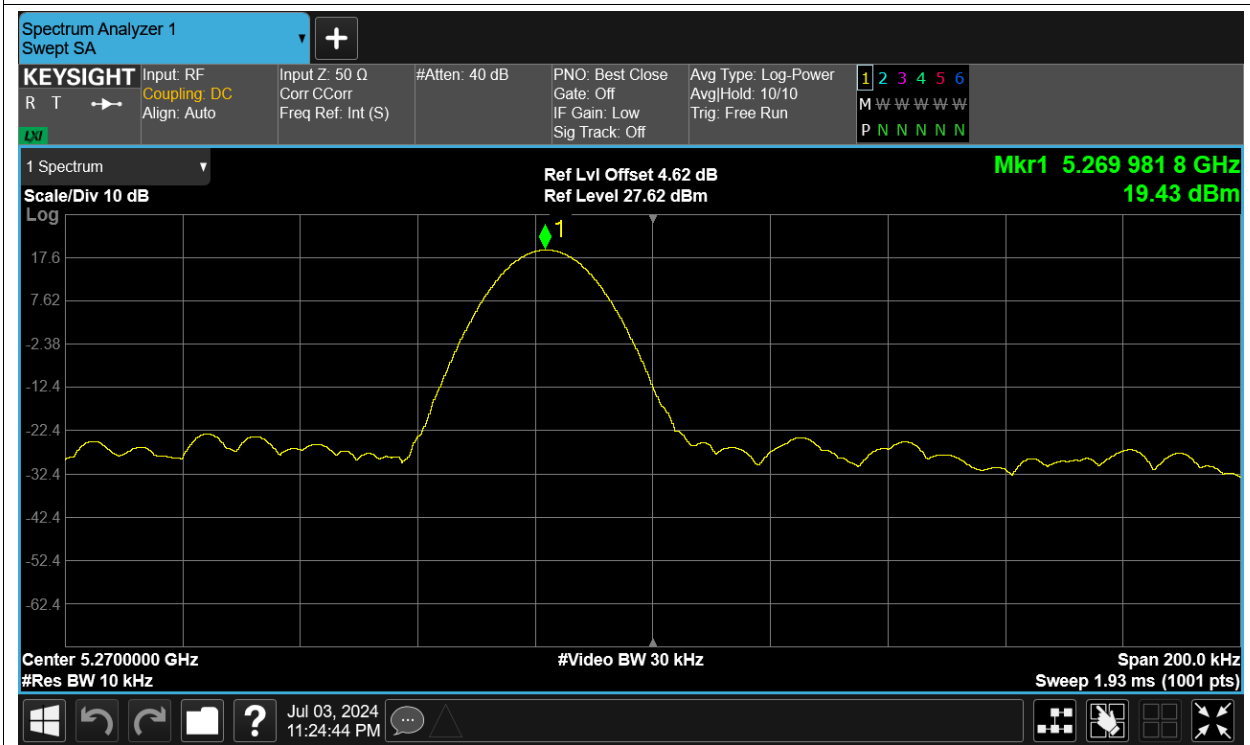
Freq. Stability NVNT ac80 5290MHz ANT13



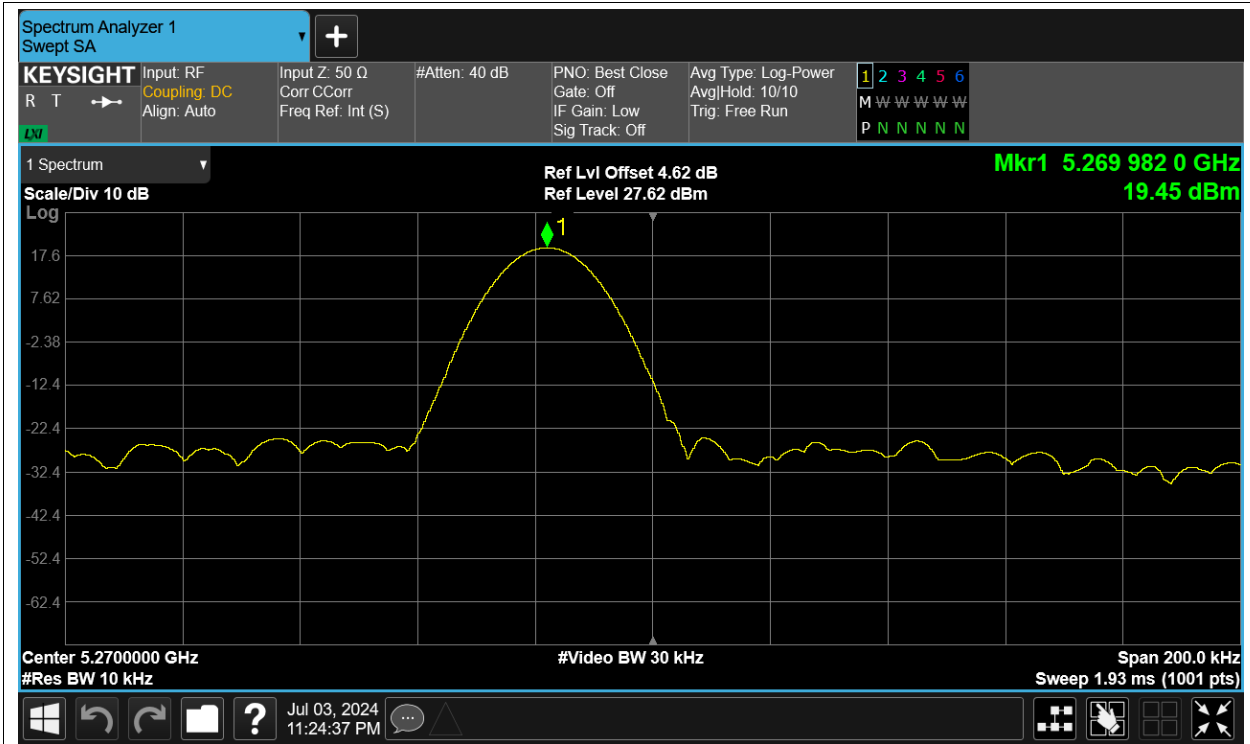
Freq. Stability HVNT n40 5270MHz ANT13



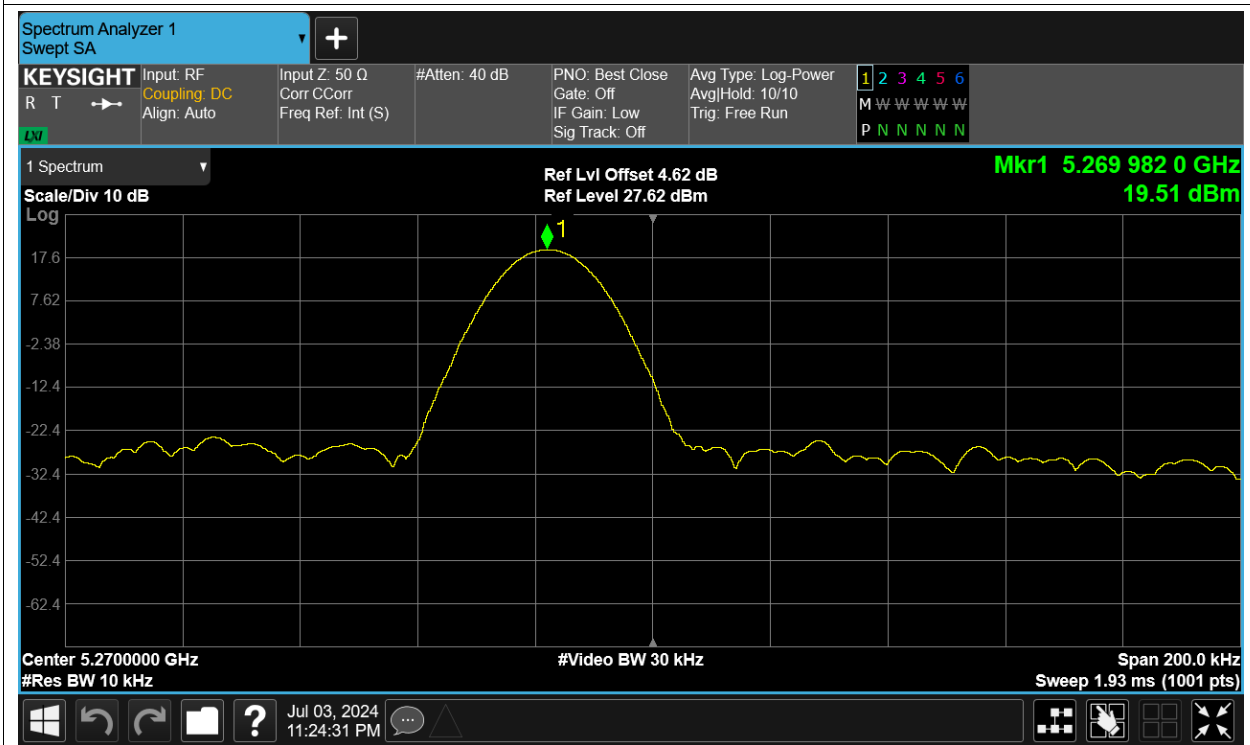
Freq. Stability LVNT n40 5270MHz ANT13



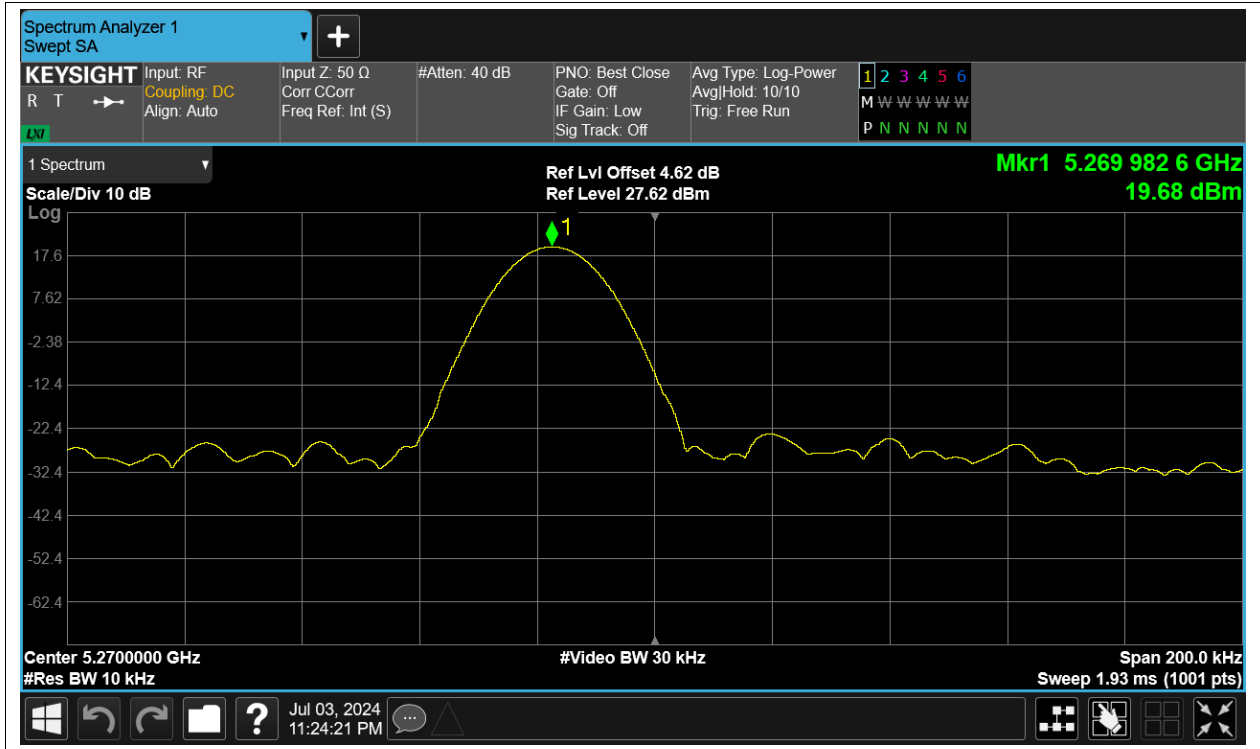
Freq. Stability NVHT n40 5270MHz ANT13



Freq. Stability NVLT n40 5270MHz ANT13



Freq. Stability NVNT n40 5270MHz ANT13

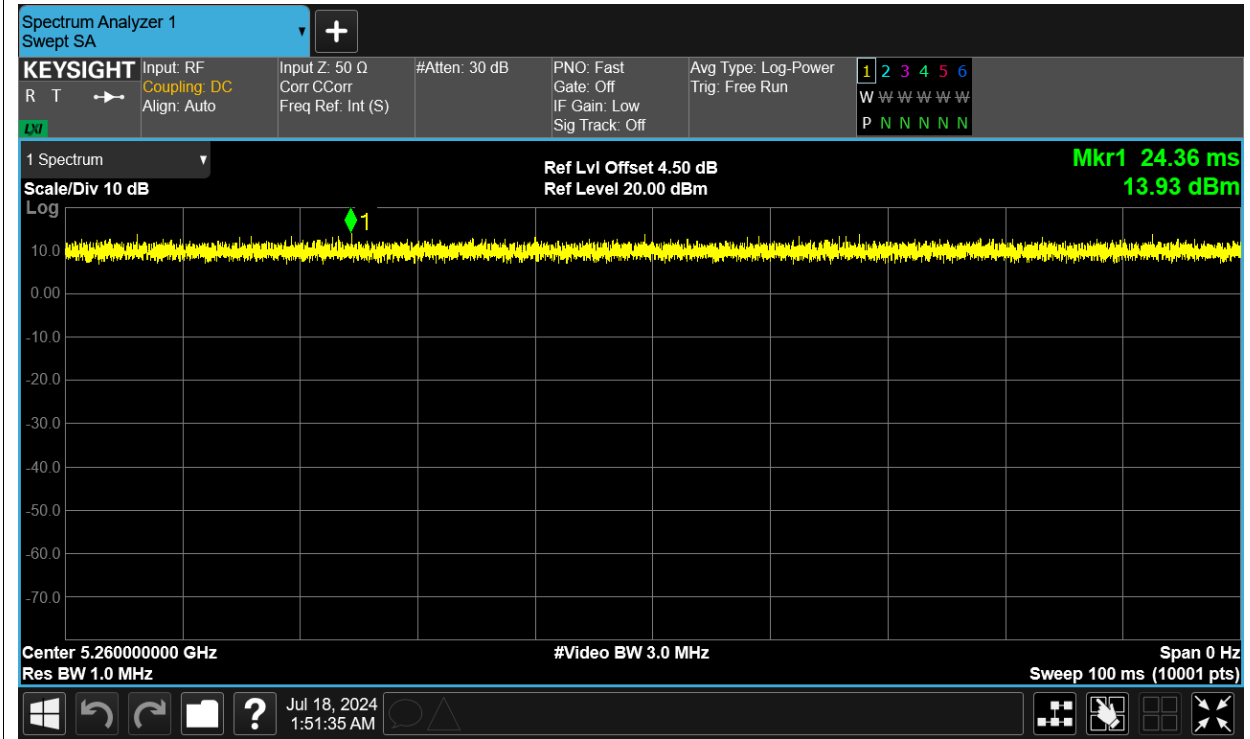


Duty Cycle

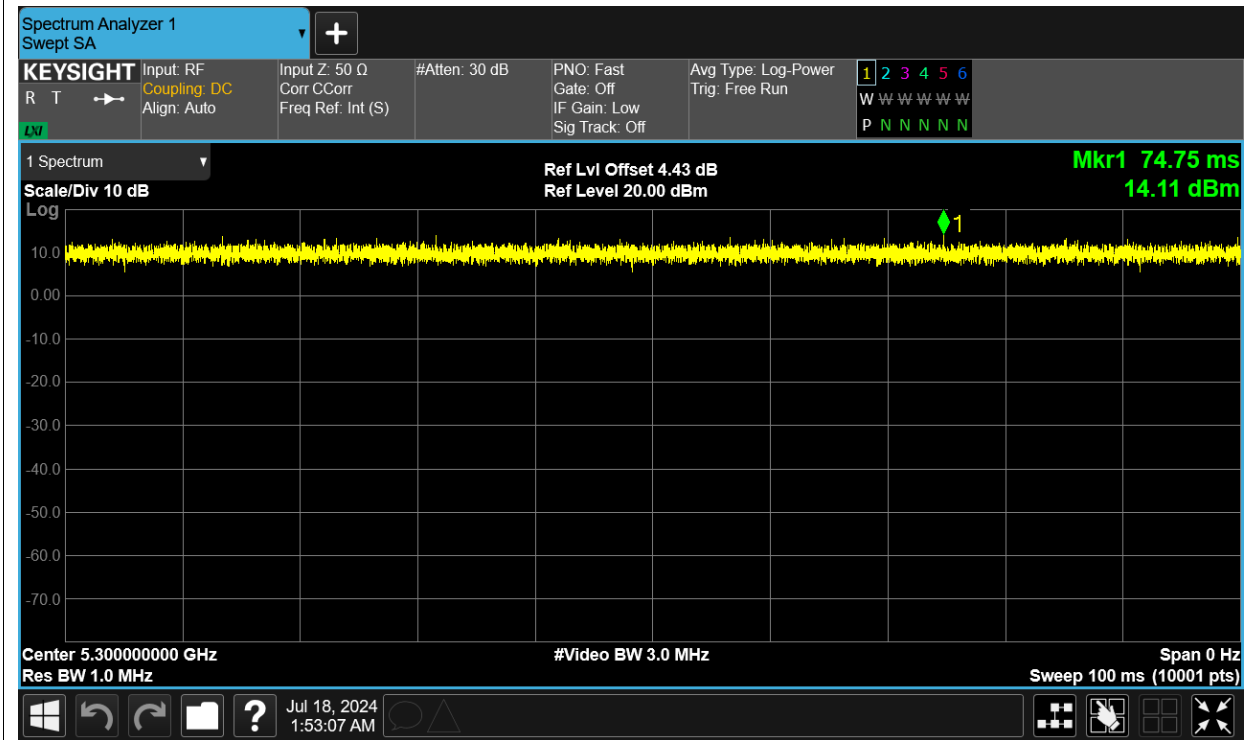
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	ANT13	100	0
NVNT	a	5300	ANT13	100	0
NVNT	a	5320	ANT13	100	0
NVNT	ac20	5260	ANT13	100	0
NVNT	ac20	5300	ANT13	100	0
NVNT	ac20	5320	ANT13	100	0
NVNT	ac40	5270	ANT13	100	0
NVNT	ac40	5310	ANT13	100	0
NVNT	ac80	5290	ANT13	100	0
NVNT	n20	5260	ANT13	100	0
NVNT	n20	5300	ANT13	100	0
NVNT	n20	5320	ANT13	100	0
NVNT	n40	5270	ANT13	100	0
NVNT	n40	5310	ANT13	100	0

Test Graphs

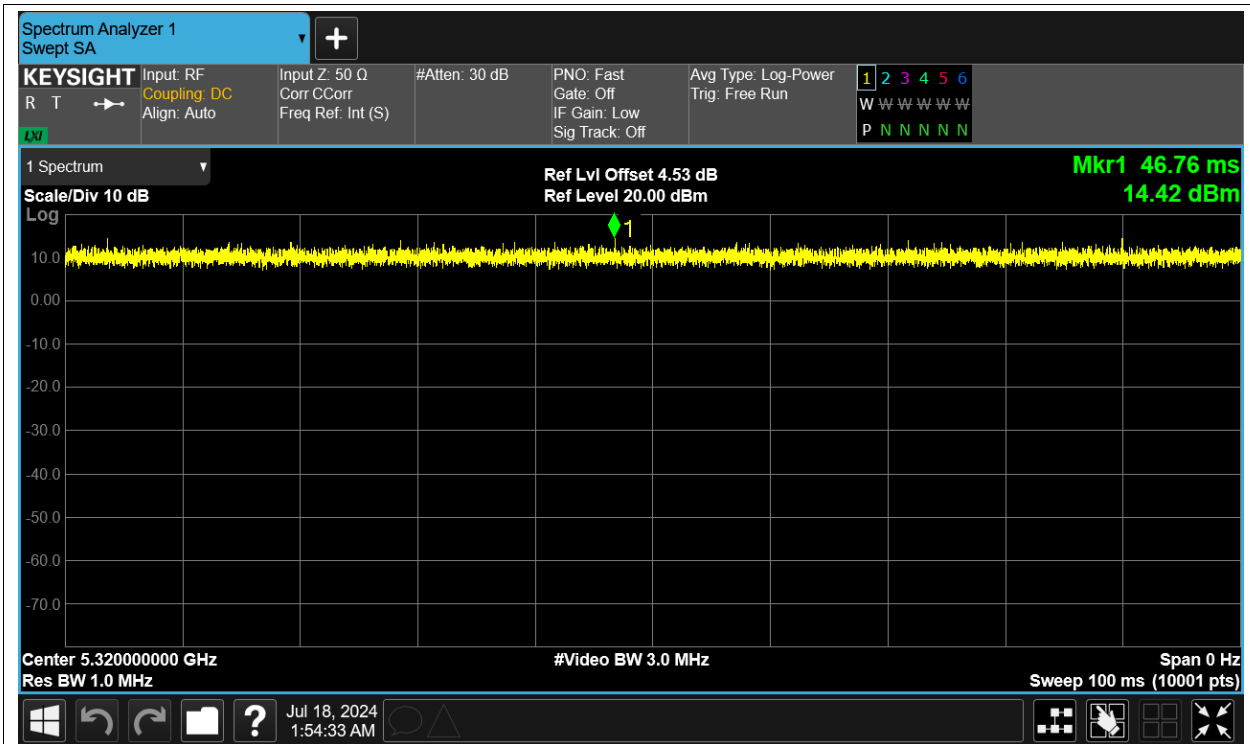
Duty Cycle NVNT a 5260MHz ANT13



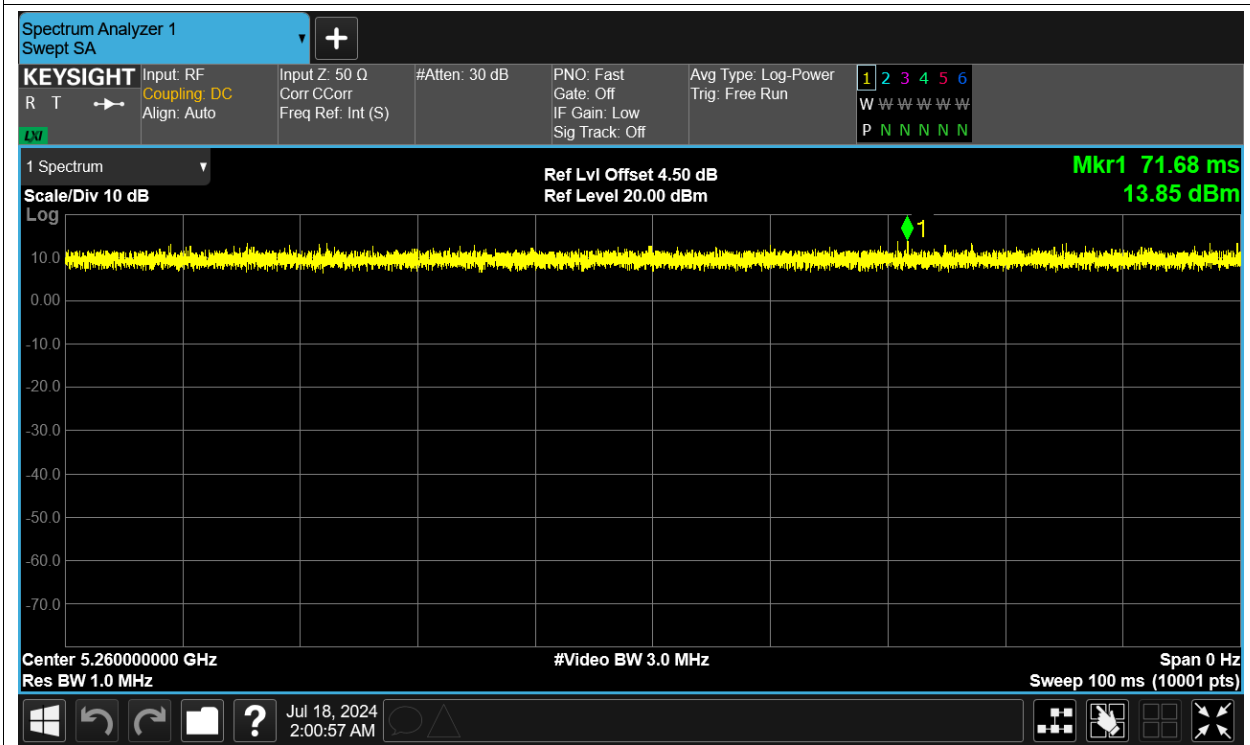
Duty Cycle NVNT a 5300MHz ANT13



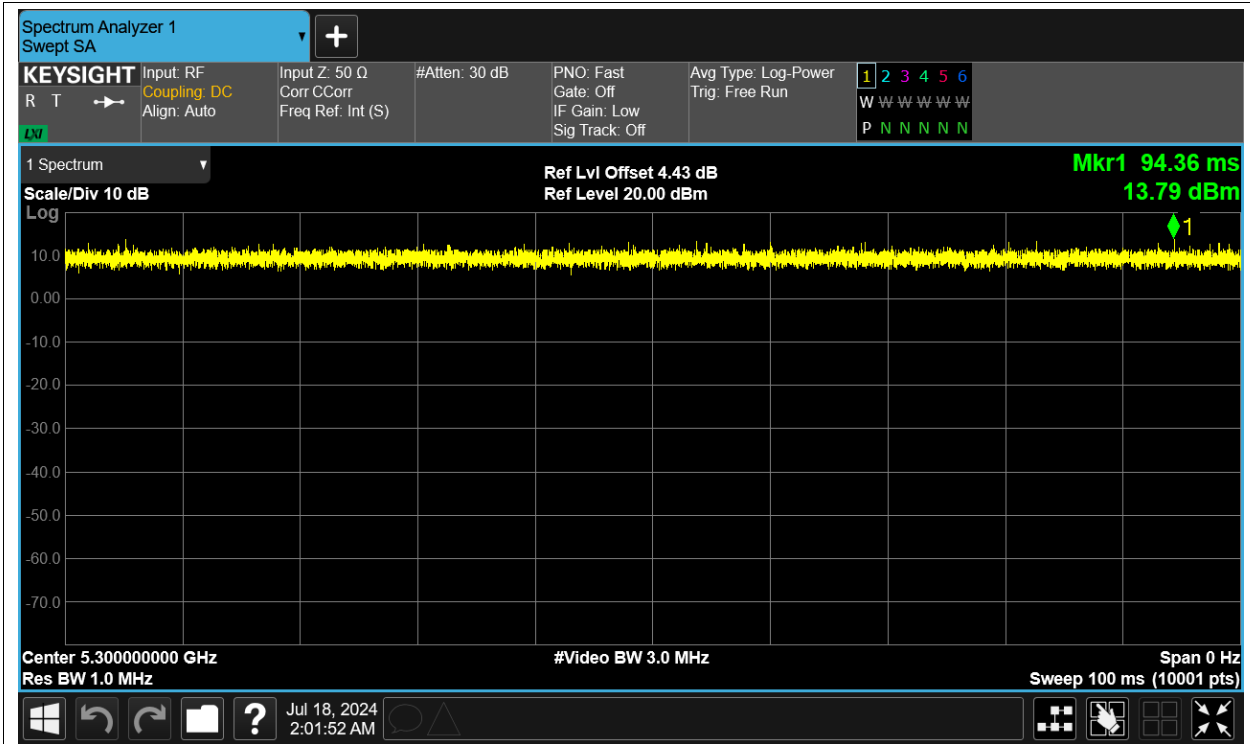
Duty Cycle NVNT a 5320MHz ANT13



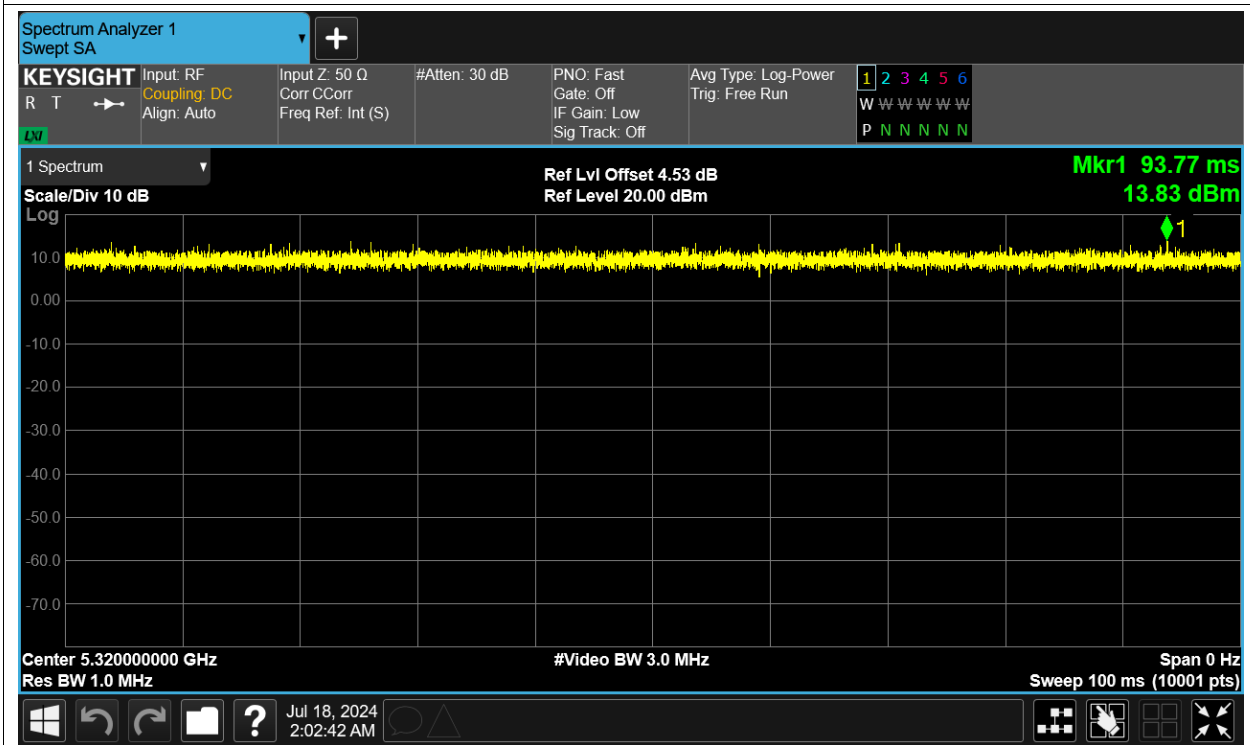
Duty Cycle NVNT ac20 5260MHz ANT13



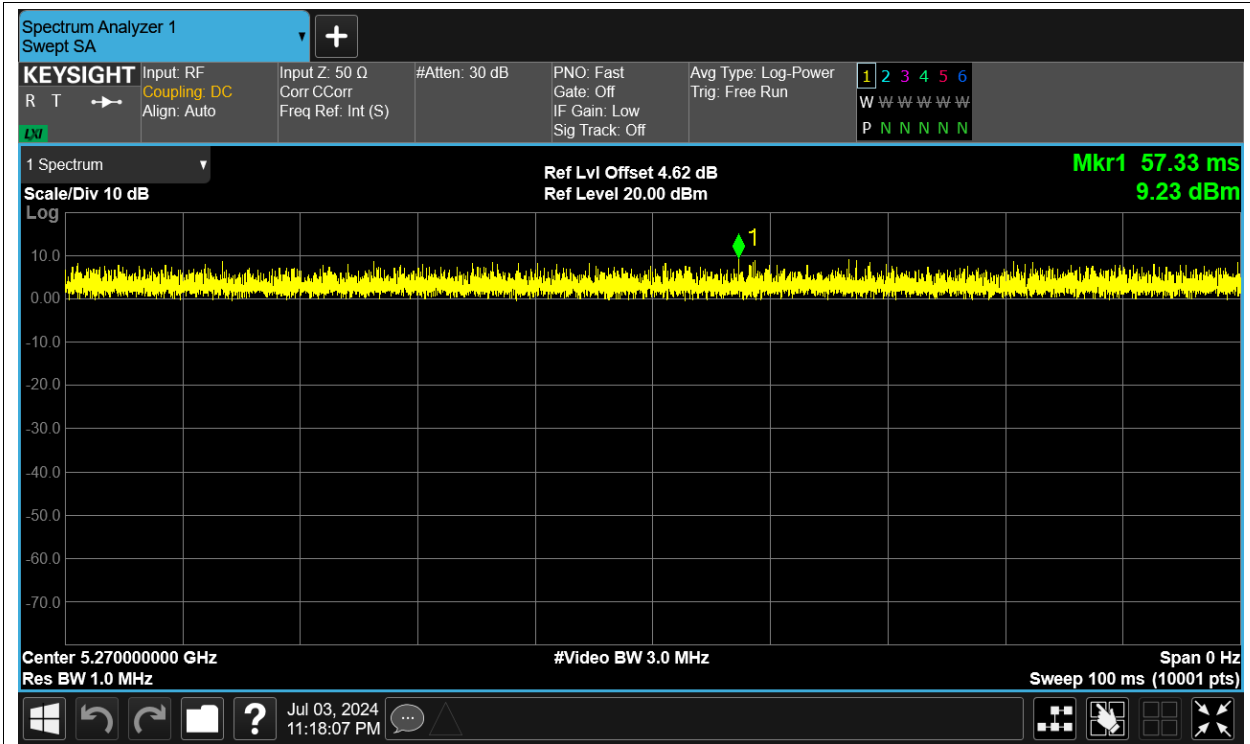
Duty Cycle NVNT ac20 5300MHz ANT13



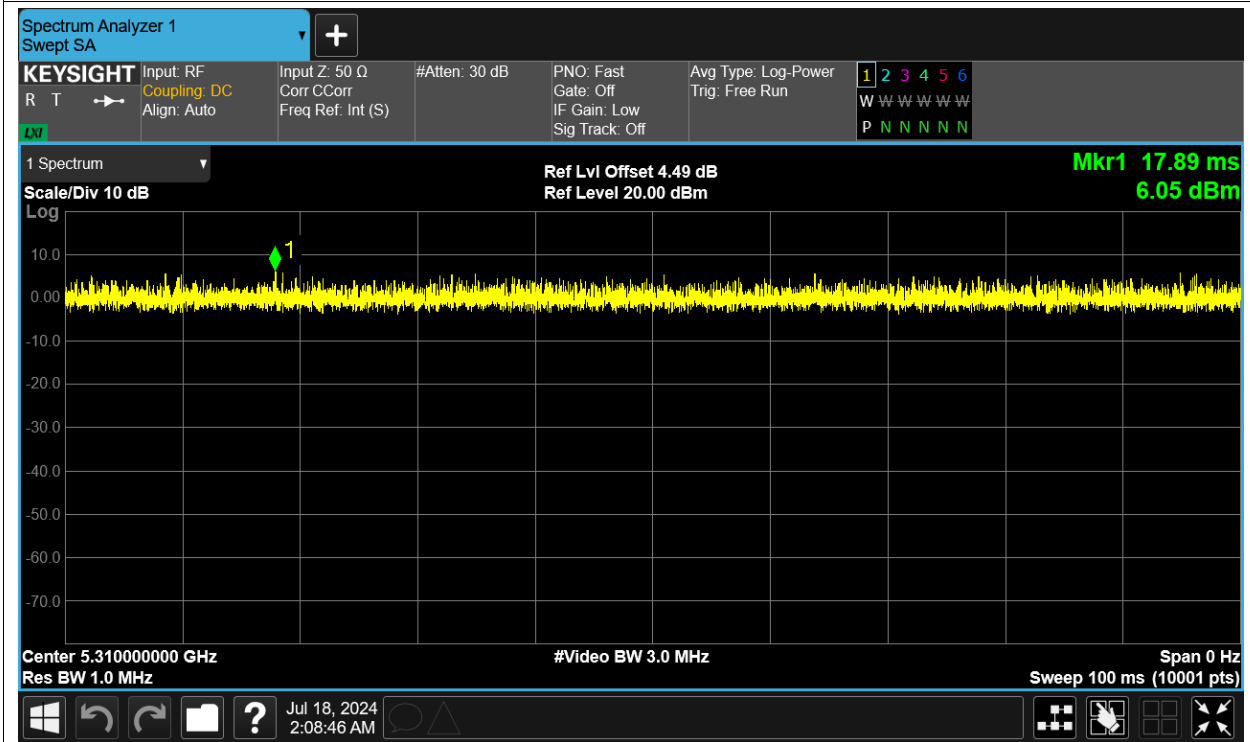
Duty Cycle NVNT ac20 5320MHz ANT13



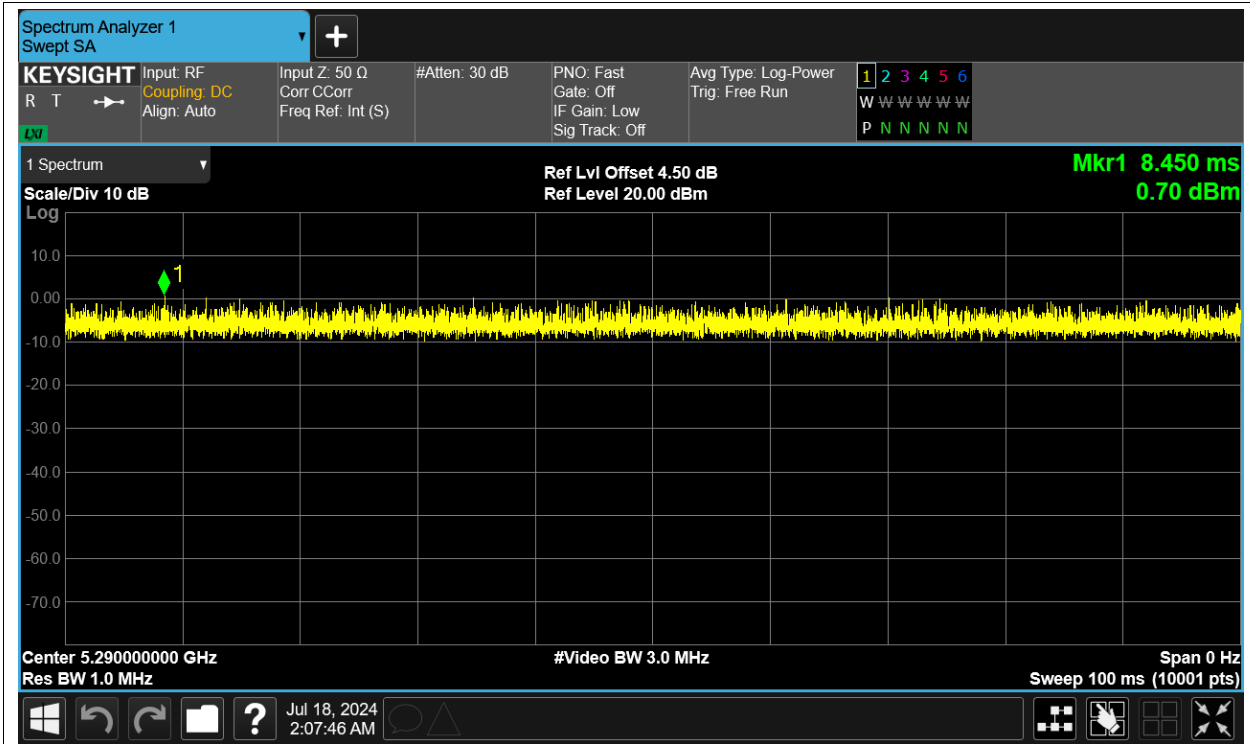
Duty Cycle NVNT ac40 5270MHz ANT13



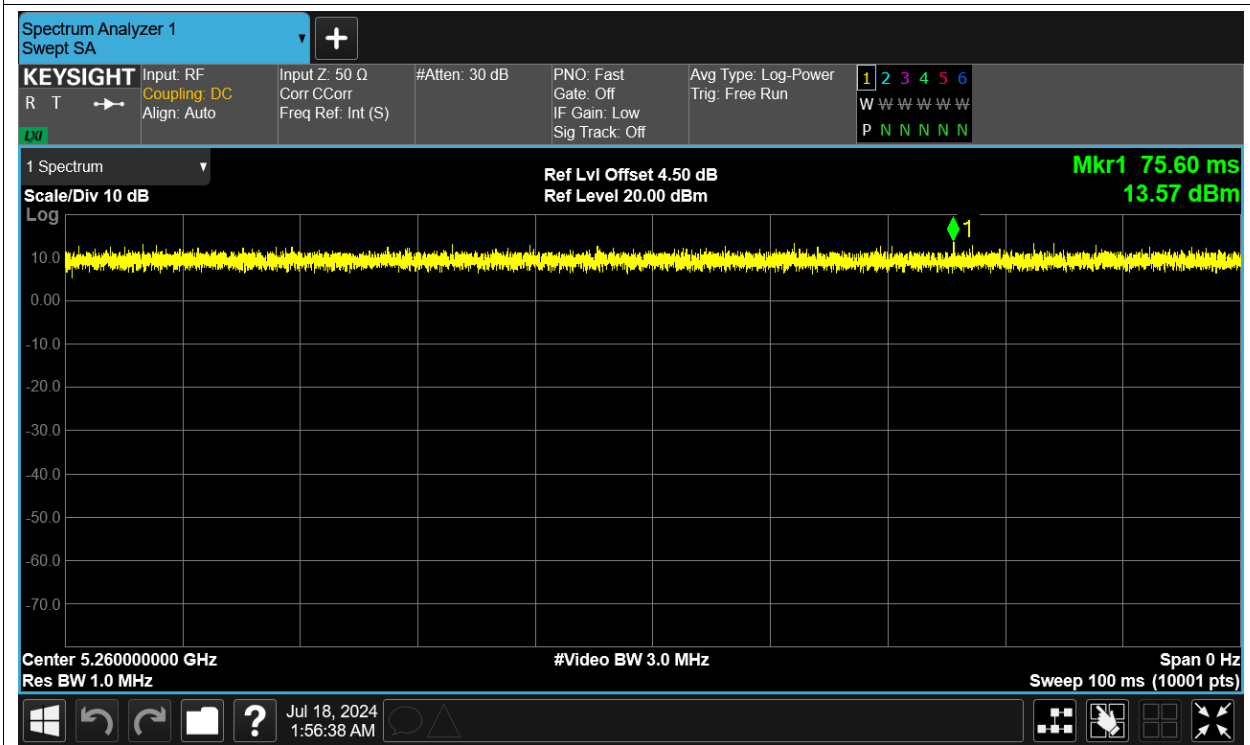
Duty Cycle NVNT ac40 5310MHz ANT13



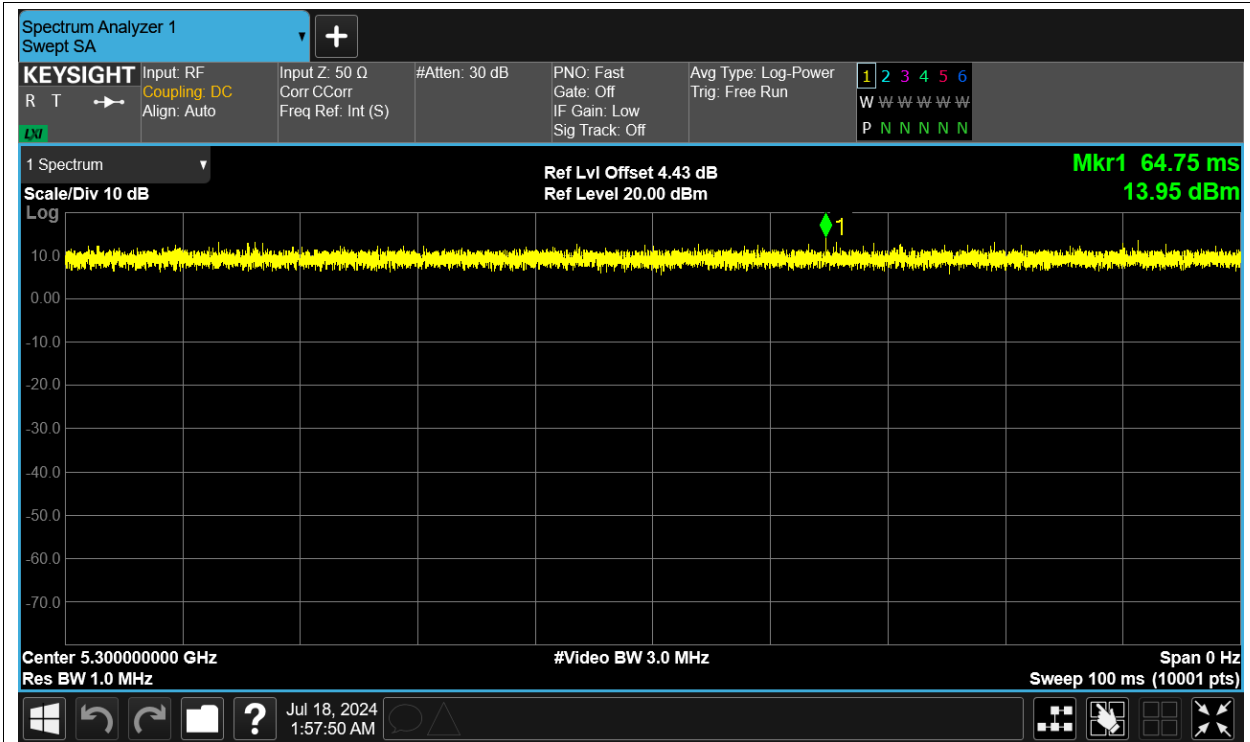
Duty Cycle NVNT ac80 5290MHz ANT13



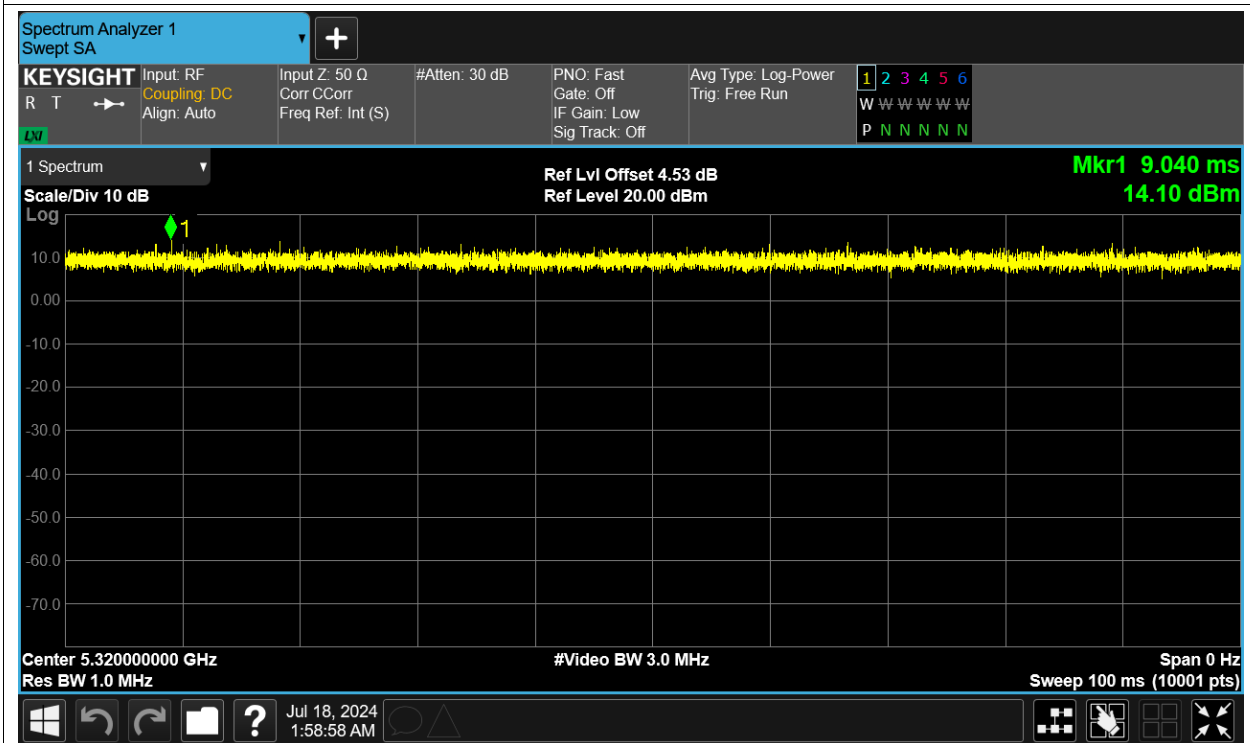
Duty Cycle NVNT n20 5260MHz ANT13



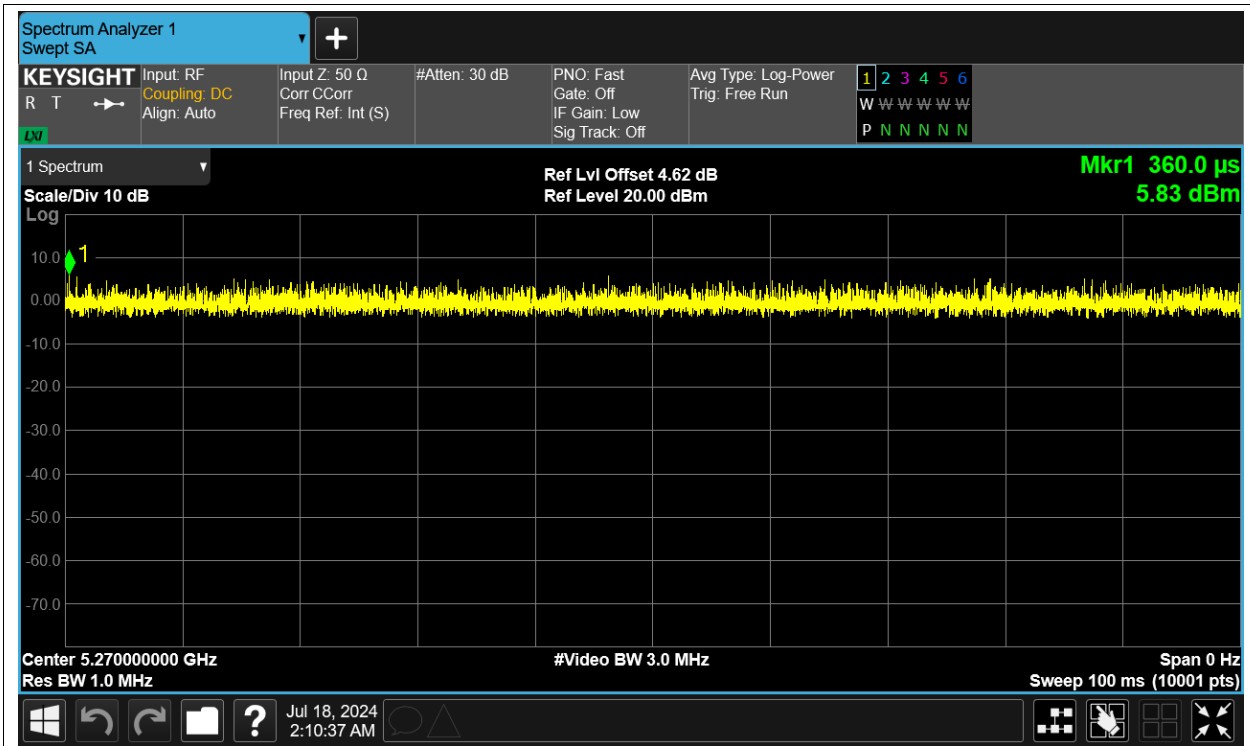
Duty Cycle NVNT n20 5300MHz ANT13



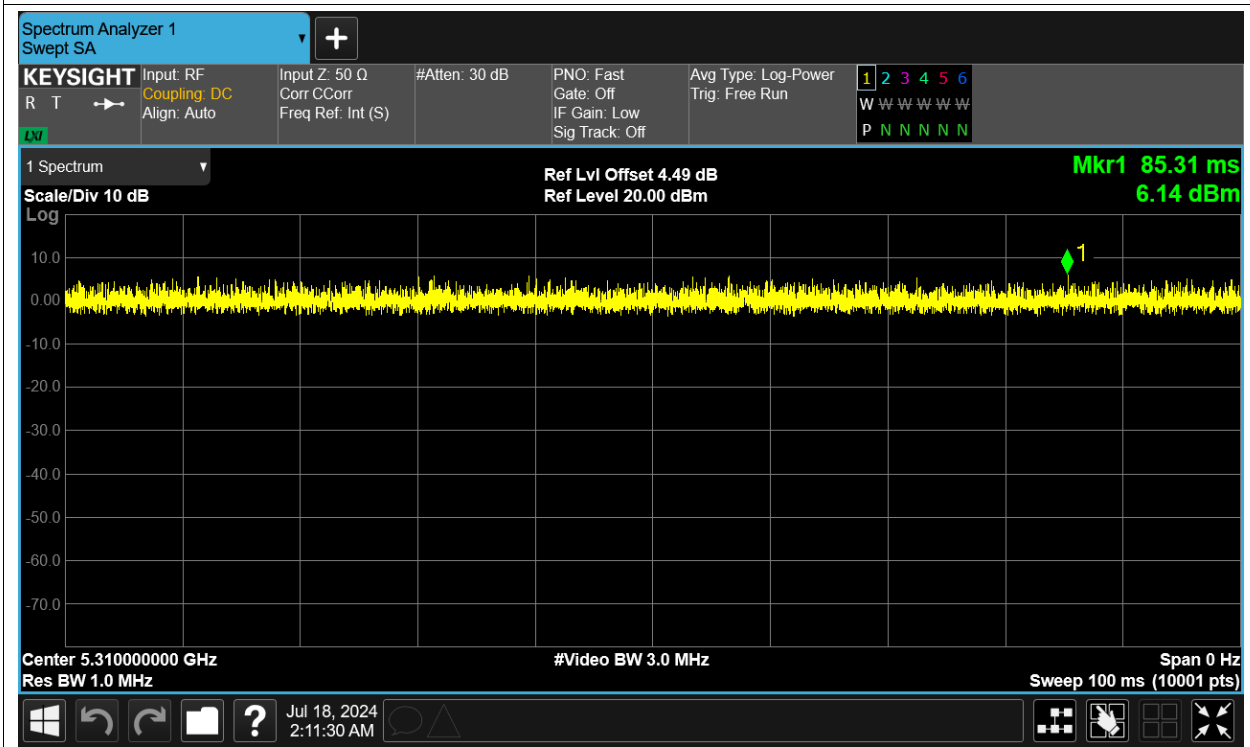
Duty Cycle NVNT n20 5320MHz ANT13



Duty Cycle NVNT n40 5270MHz ANT13



Duty Cycle NVNT n40 5310MHz ANT13



Maximum Conducted Output Power

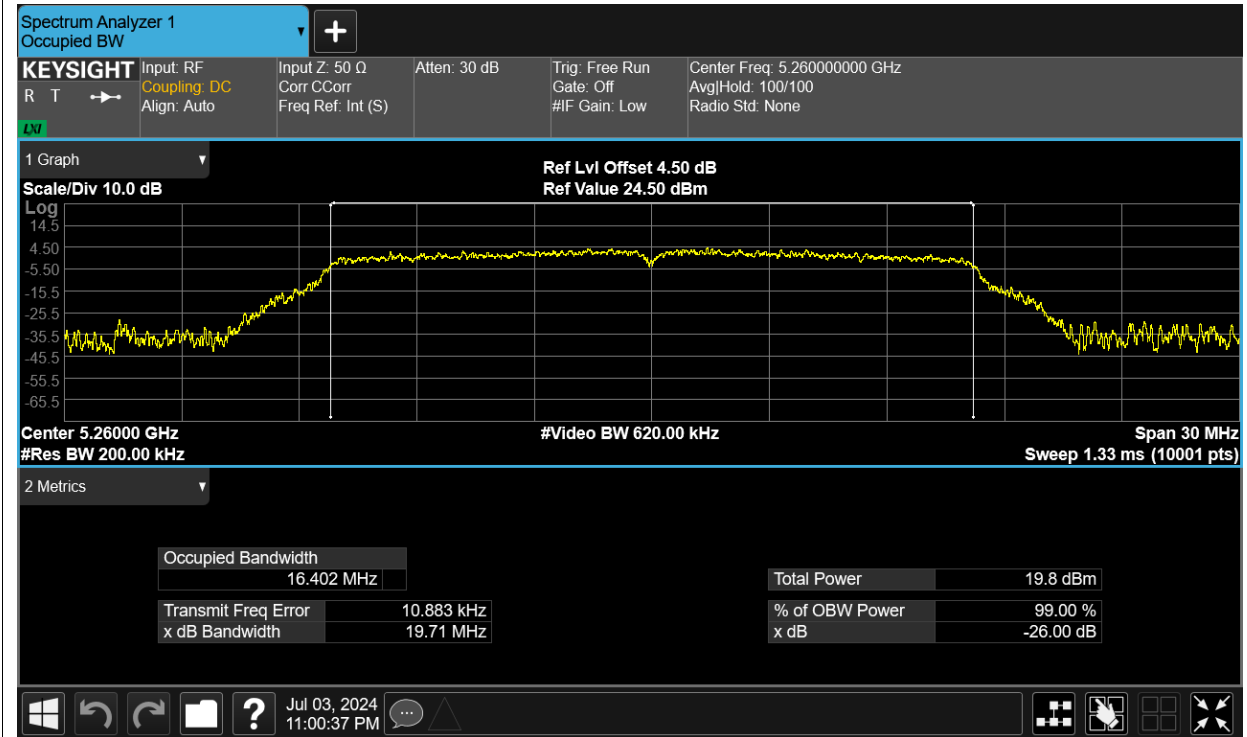
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	ANT13	16.63	0	16.63	24	Pass
NVNT	a	5300	ANT13	16.32	0	16.32	24	Pass
NVNT	a	5320	ANT13	17.09	0	17.09	24	Pass
NVNT	ac20	5260	ANT13	16.66	0	16.66	24	Pass
NVNT	ac20	5300	ANT13	16.28	0	16.28	24	Pass
NVNT	ac20	5320	ANT13	16.73	0	16.73	24	Pass
NVNT	ac40	5270	ANT13	13.26	0	13.26	24	Pass
NVNT	ac40	5310	ANT13	13.19	0	13.19	24	Pass
NVNT	ac80	5290	ANT13	10.91	0	10.91	24	Pass
NVNT	n20	5260	ANT13	16.4	0	16.4	24	Pass
NVNT	n20	5300	ANT13	16.14	0	16.14	24	Pass
NVNT	n20	5320	ANT13	16.55	0	16.55	24	Pass
NVNT	n40	5270	ANT13	12.85	0	12.85	24	Pass
NVNT	n40	5310	ANT13	13.37	0	13.37	24	Pass

Occupied Channel Bandwidth

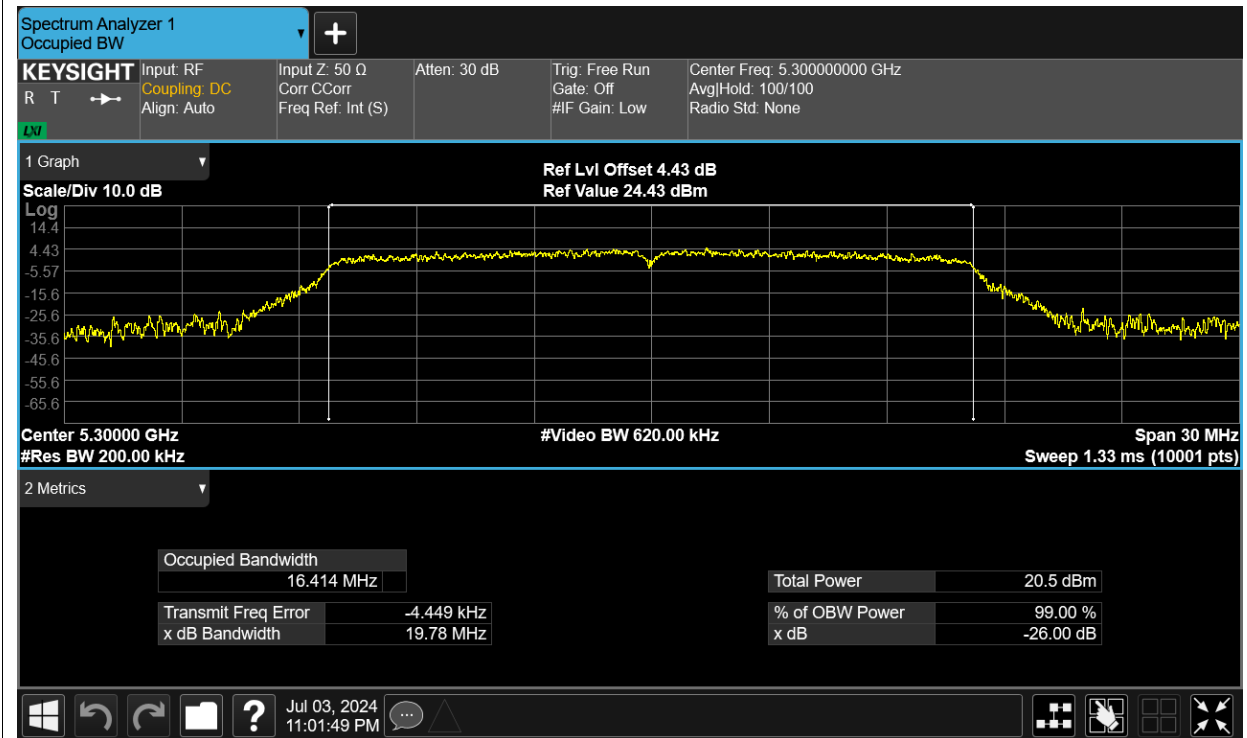
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	ANT13	16.402
NVNT	a	5300	ANT13	16.414
NVNT	a	5320	ANT13	16.404
NVNT	ac20	5260	ANT13	17.6
NVNT	ac20	5300	ANT13	17.6
NVNT	ac20	5320	ANT13	17.591
NVNT	ac40	5270	ANT13	35.947
NVNT	ac40	5310	ANT13	35.97
NVNT	ac80	5290	ANT13	75.218
NVNT	n20	5260	ANT13	17.627
NVNT	n20	5300	ANT13	17.61
NVNT	n20	5320	ANT13	17.581
NVNT	n40	5270	ANT13	35.972
NVNT	n40	5310	ANT13	35.94

Test Graphs

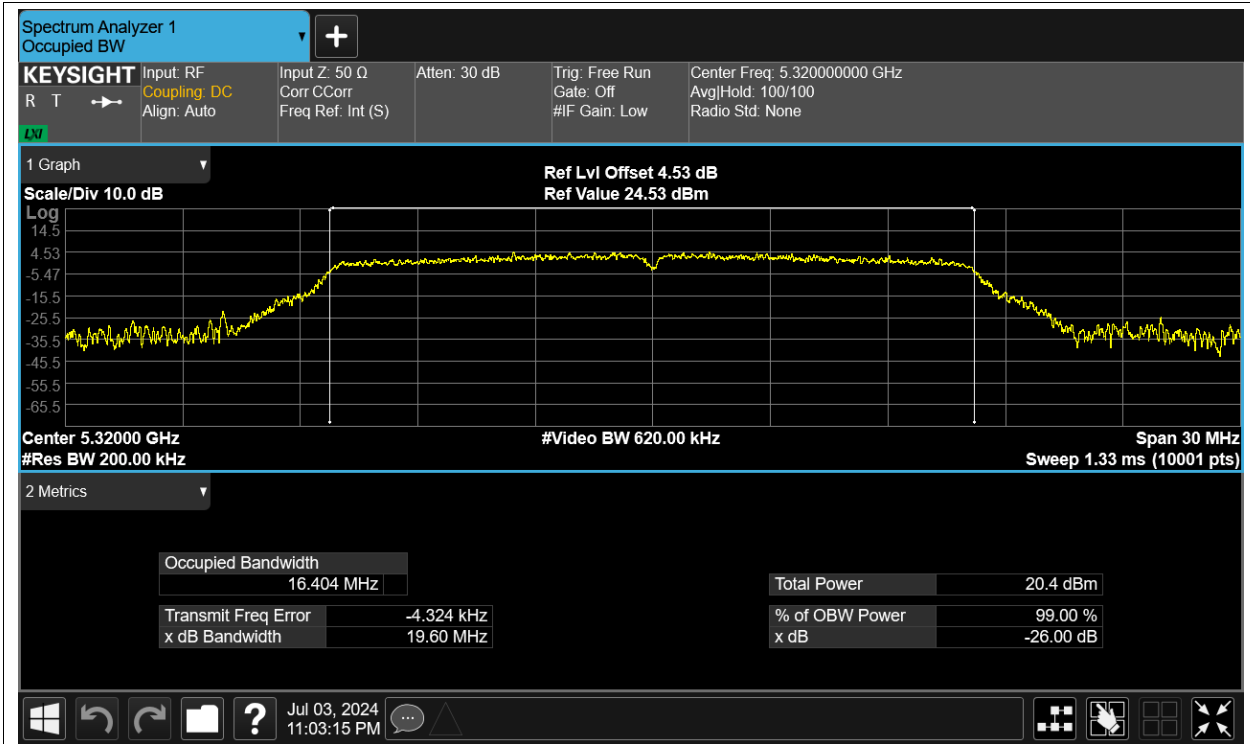
OBW NVNT a 5260MHz ANT13



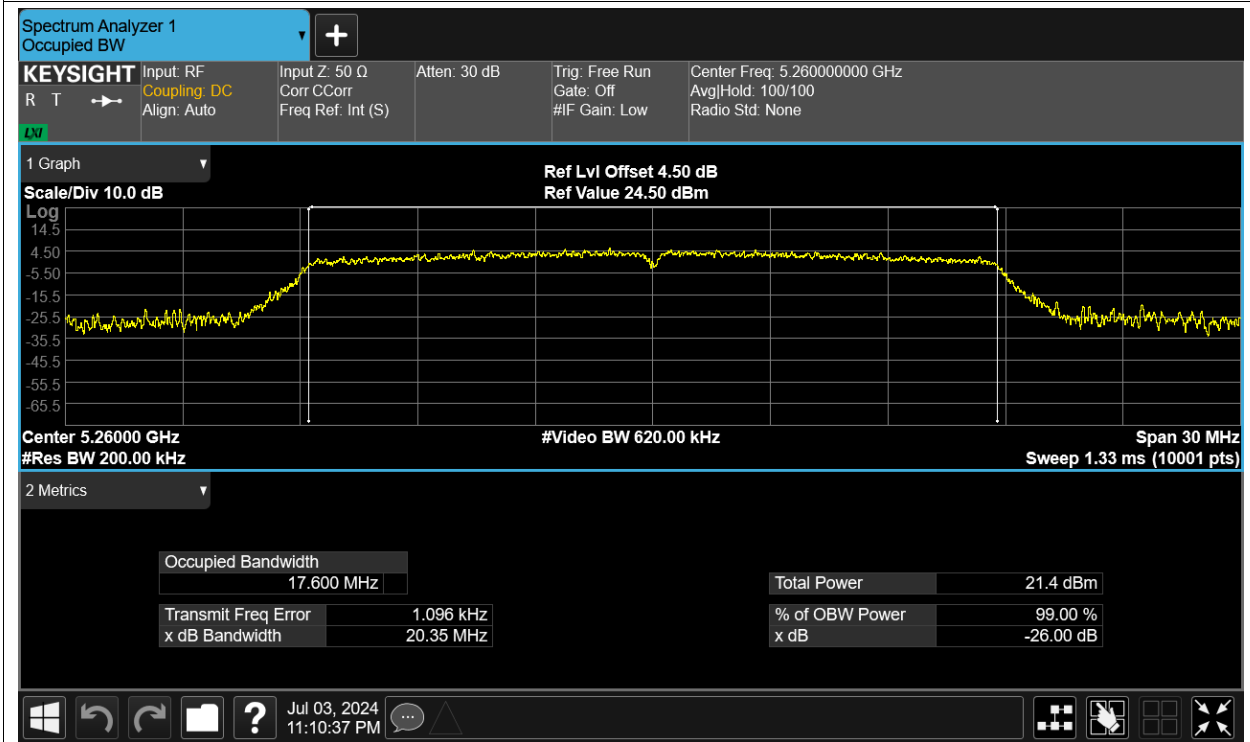
OBW NVNT a 5300MHz ANT13



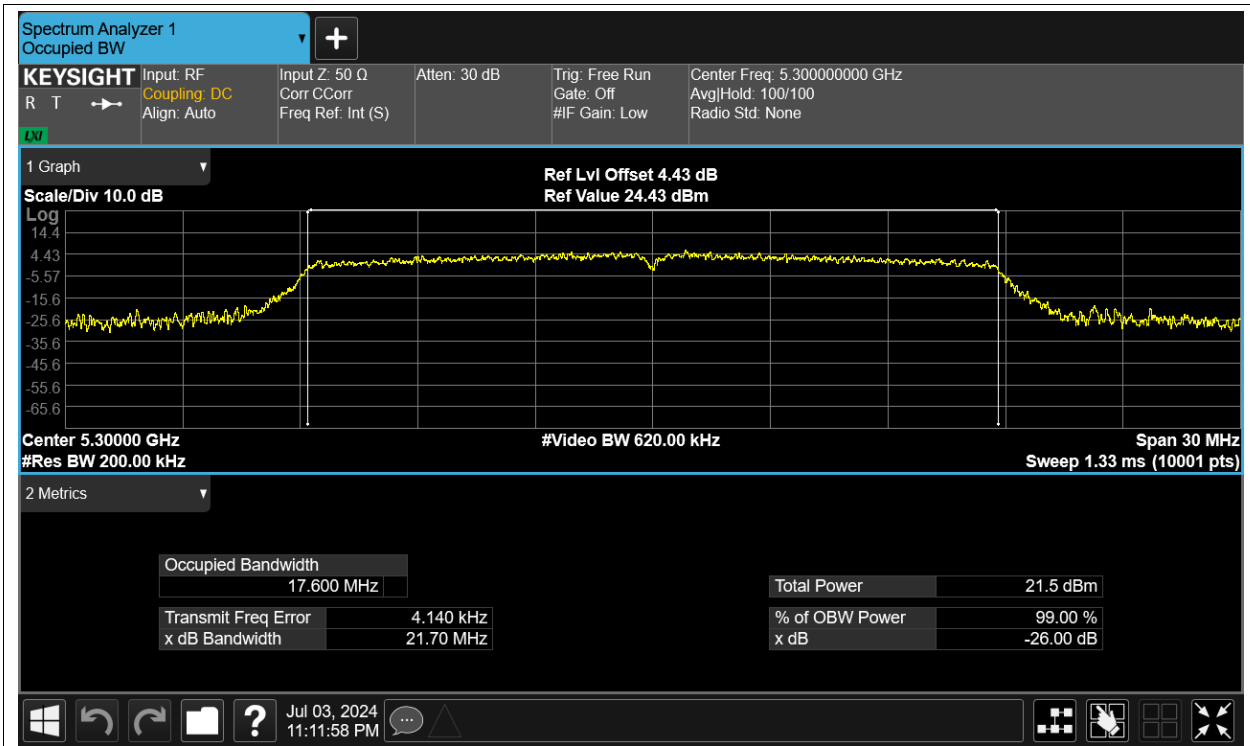
OBW NVNT a 5320MHz ANT13



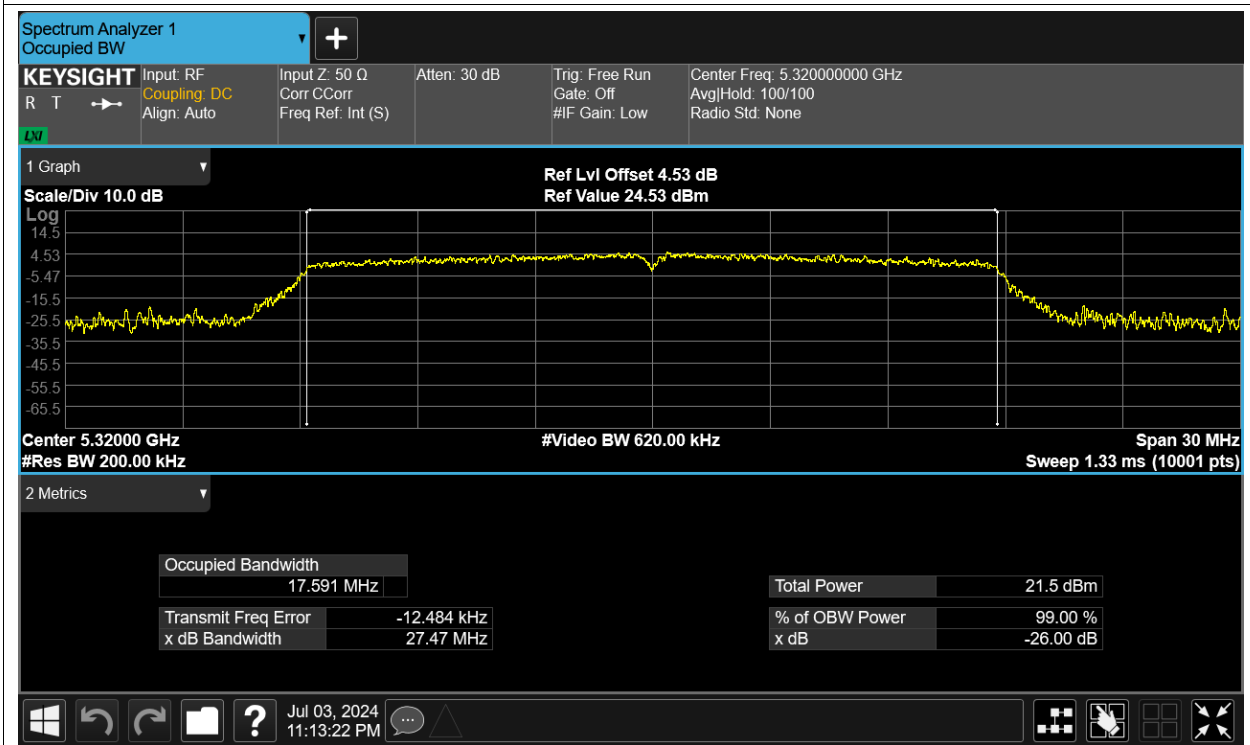
OBW NVNT ac20 5260MHz ANT13



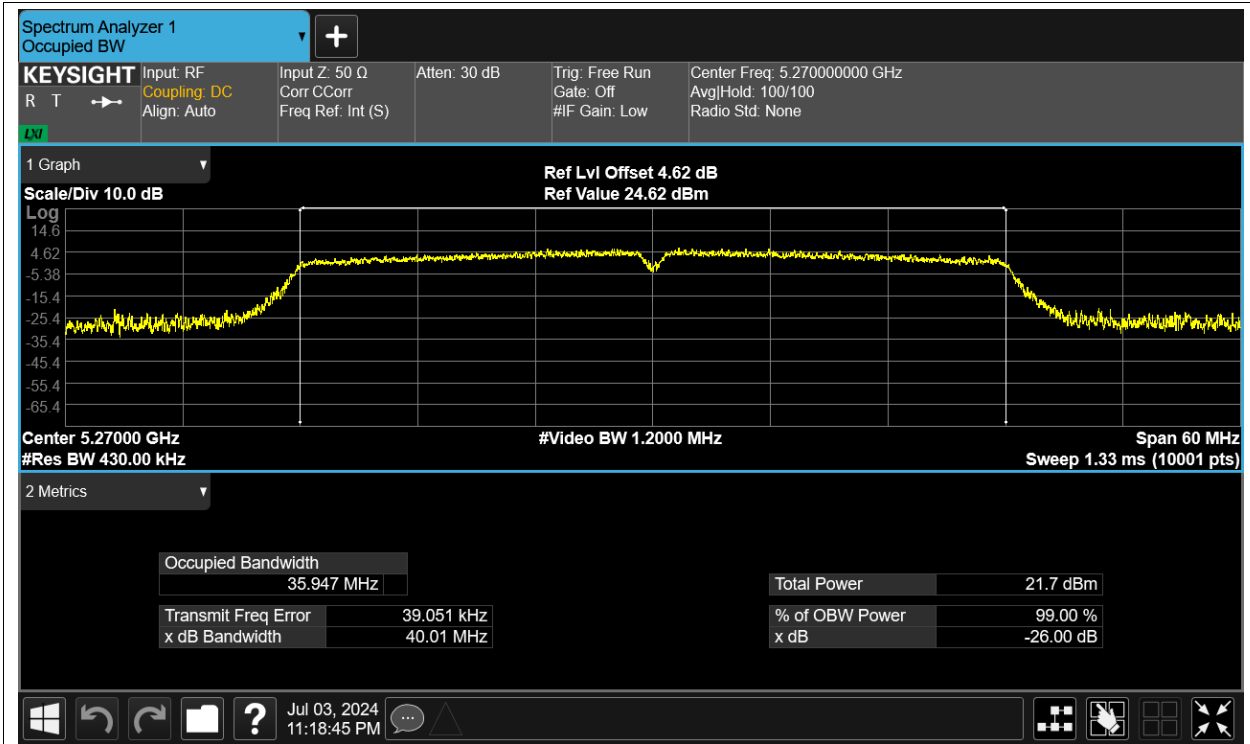
OBW NVNT ac20 5300MHz ANT13



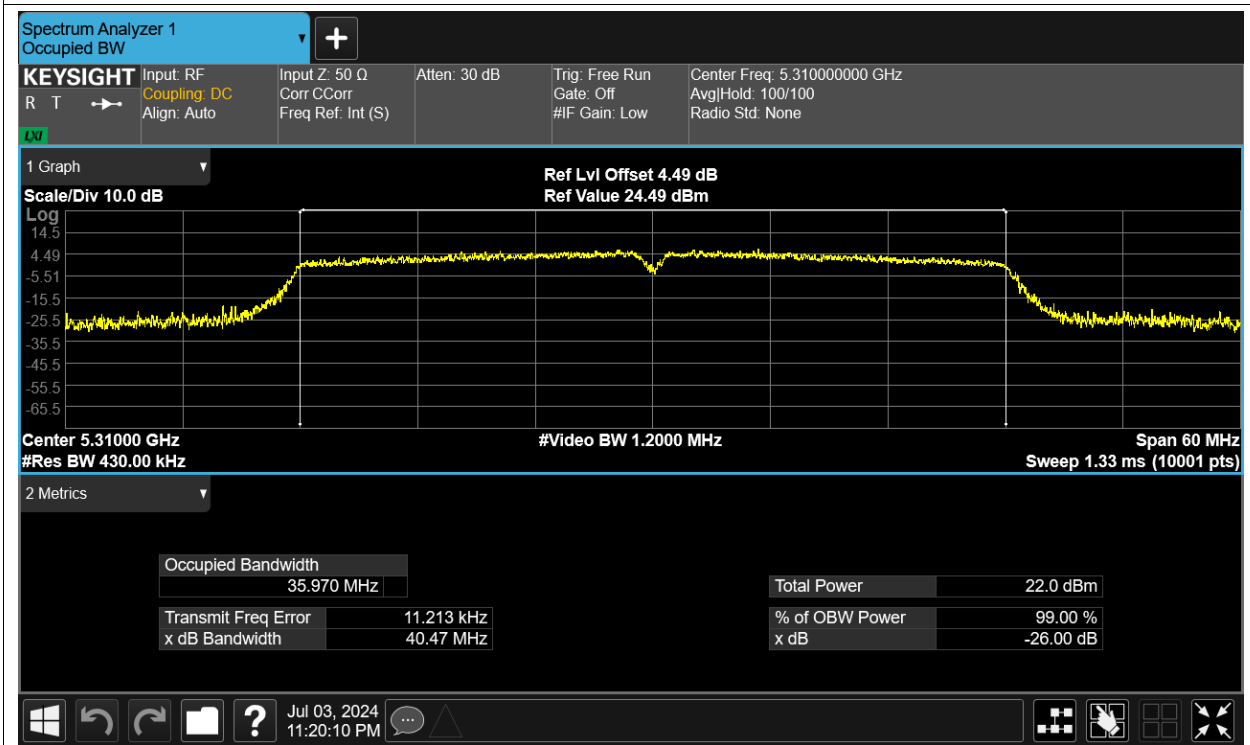
OBW NVNT ac20 5320MHz ANT13



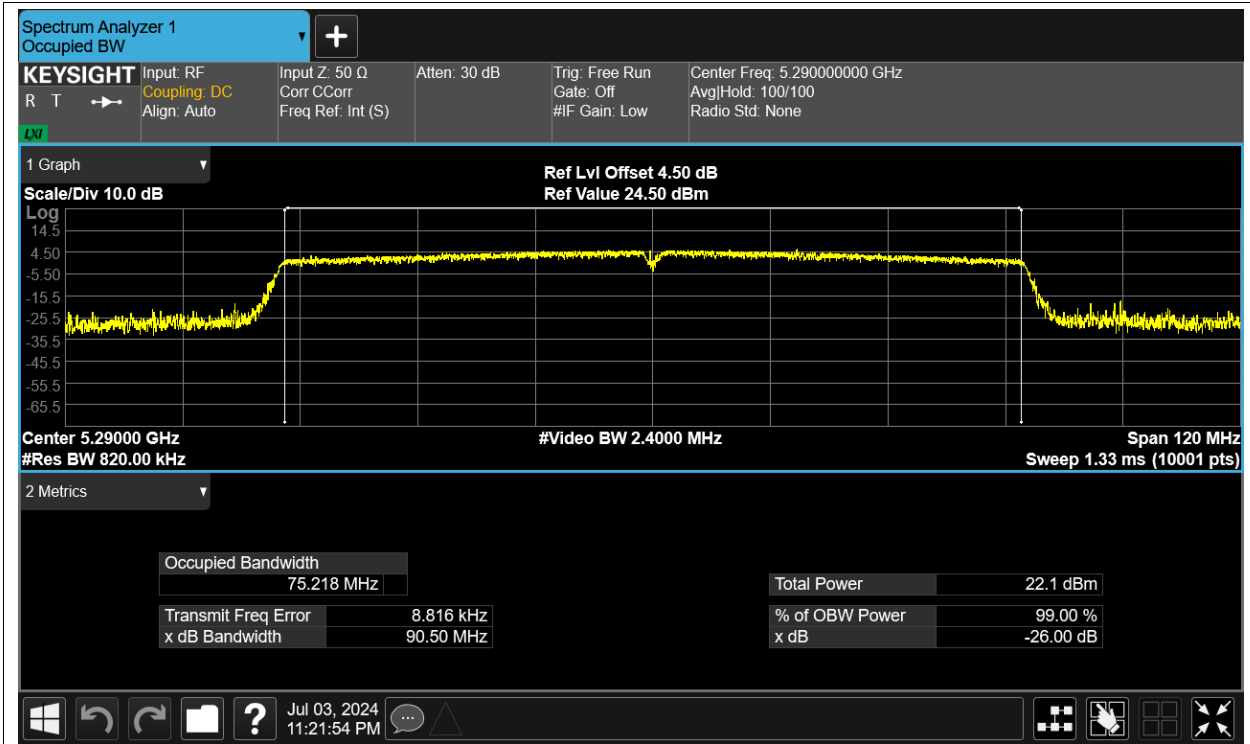
OBW NVNT ac40 5270MHz ANT13



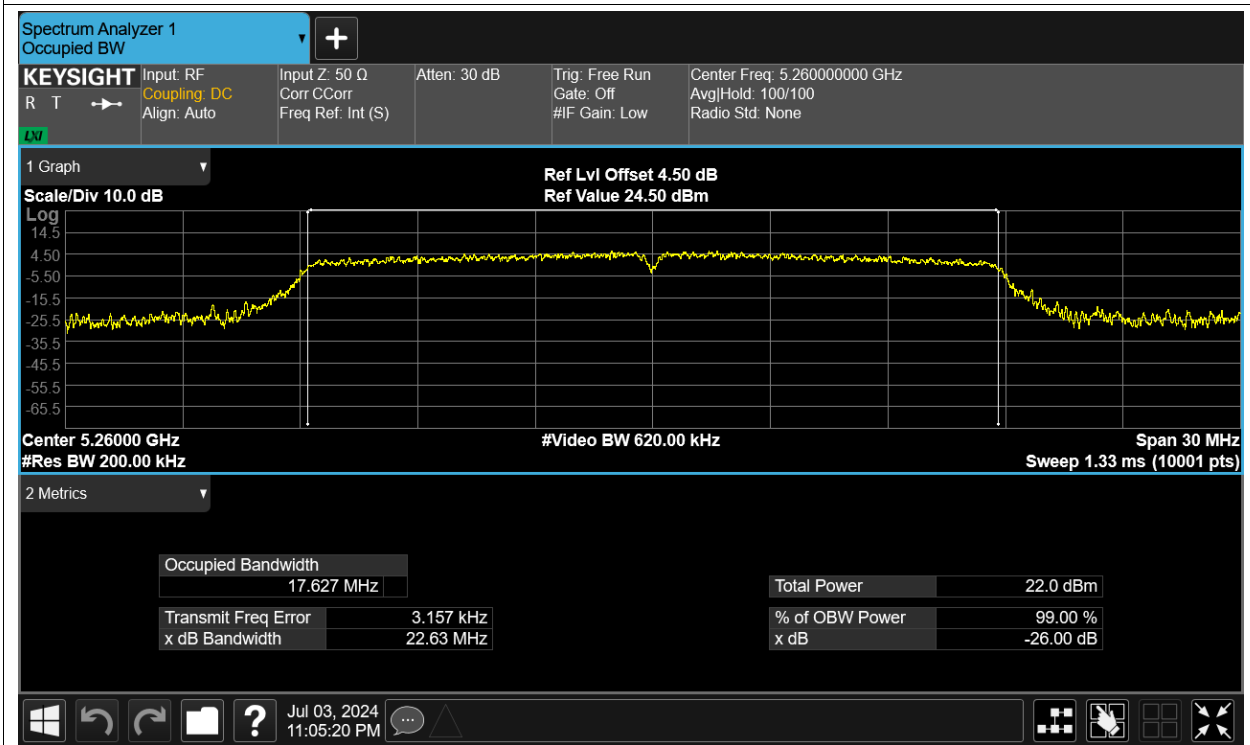
OBW NVNT ac40 5310MHz ANT13



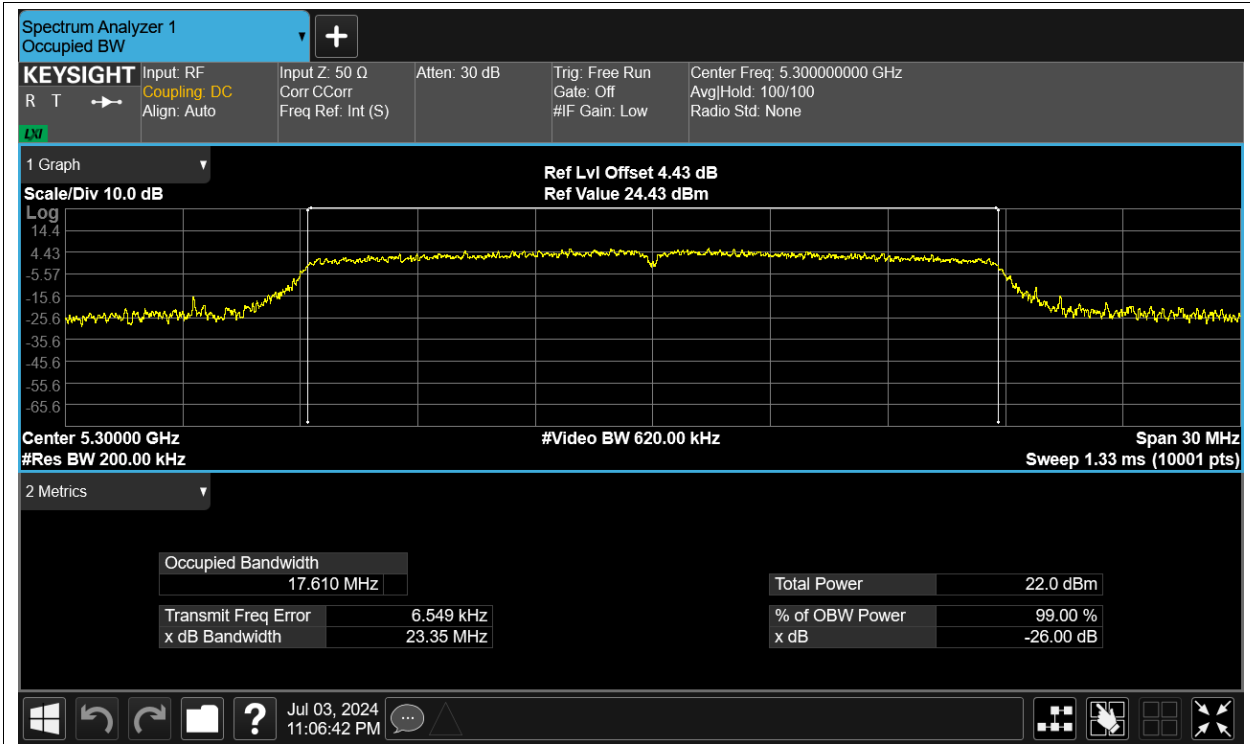
OBW NVNT ac80 5290MHz ANT13



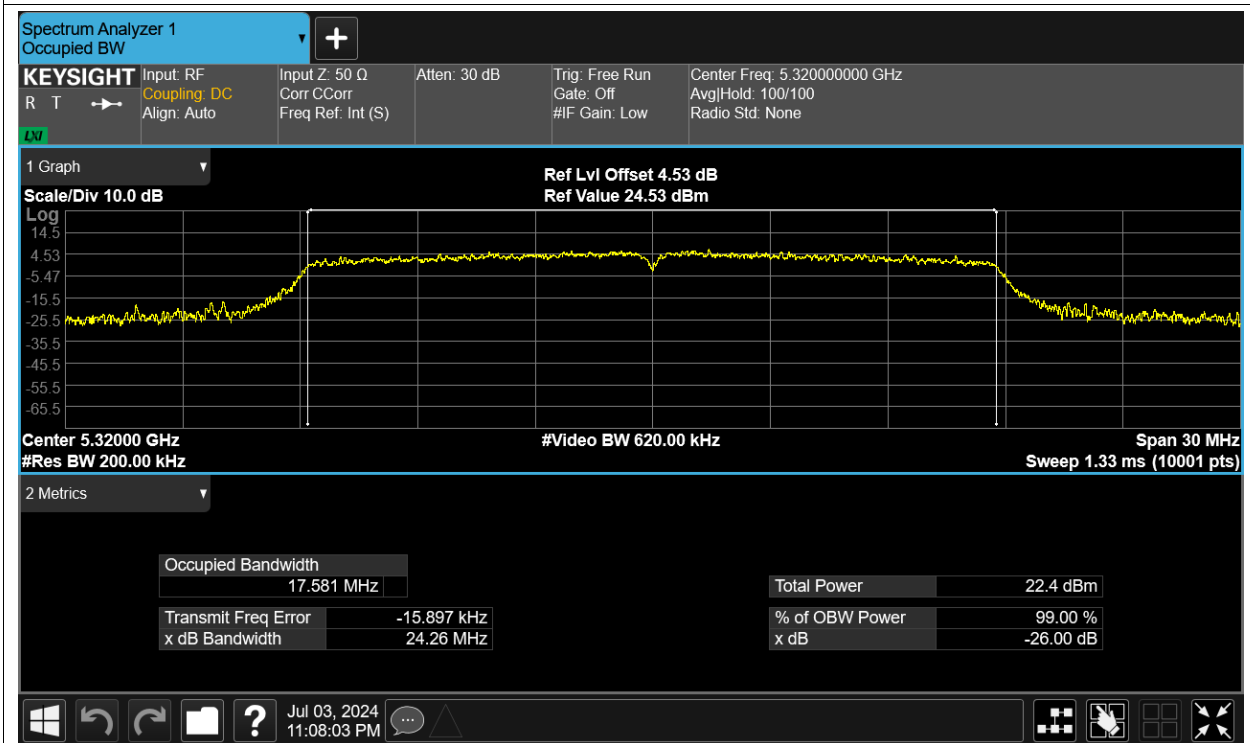
OBW NVNT n20 5260MHz ANT13



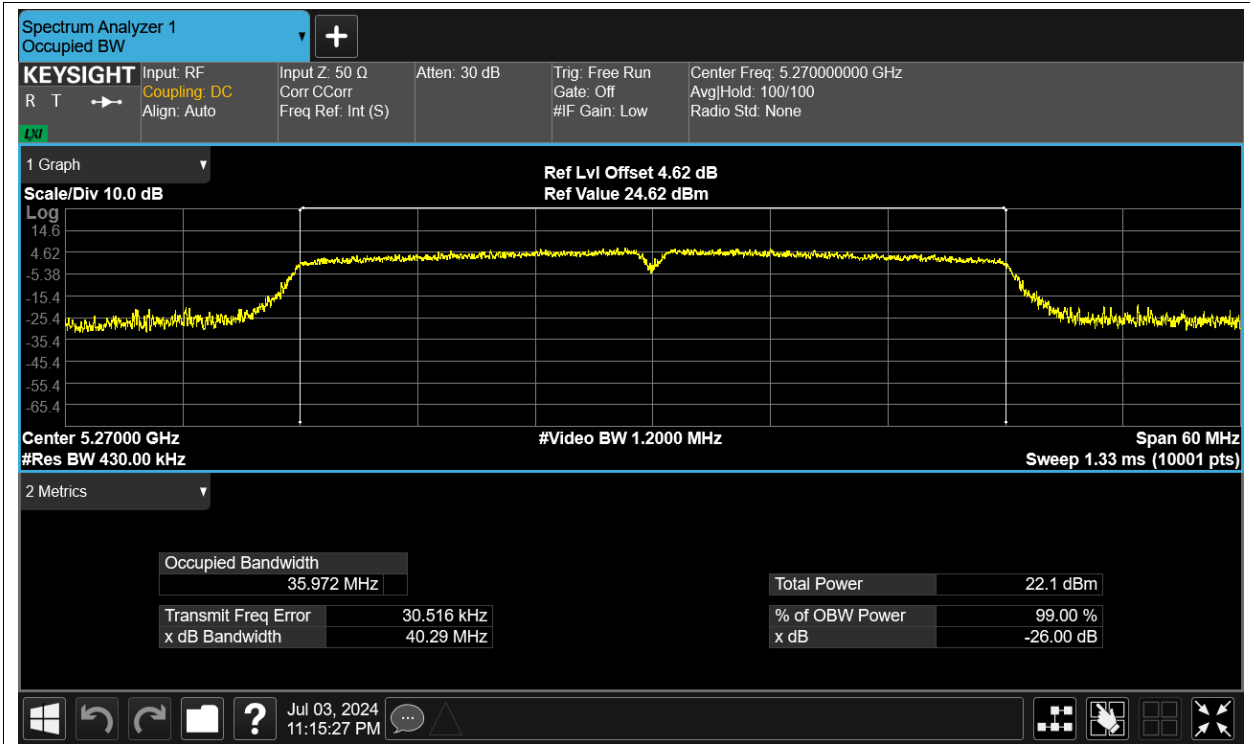
OBW NVNT n20 5300MHz ANT13



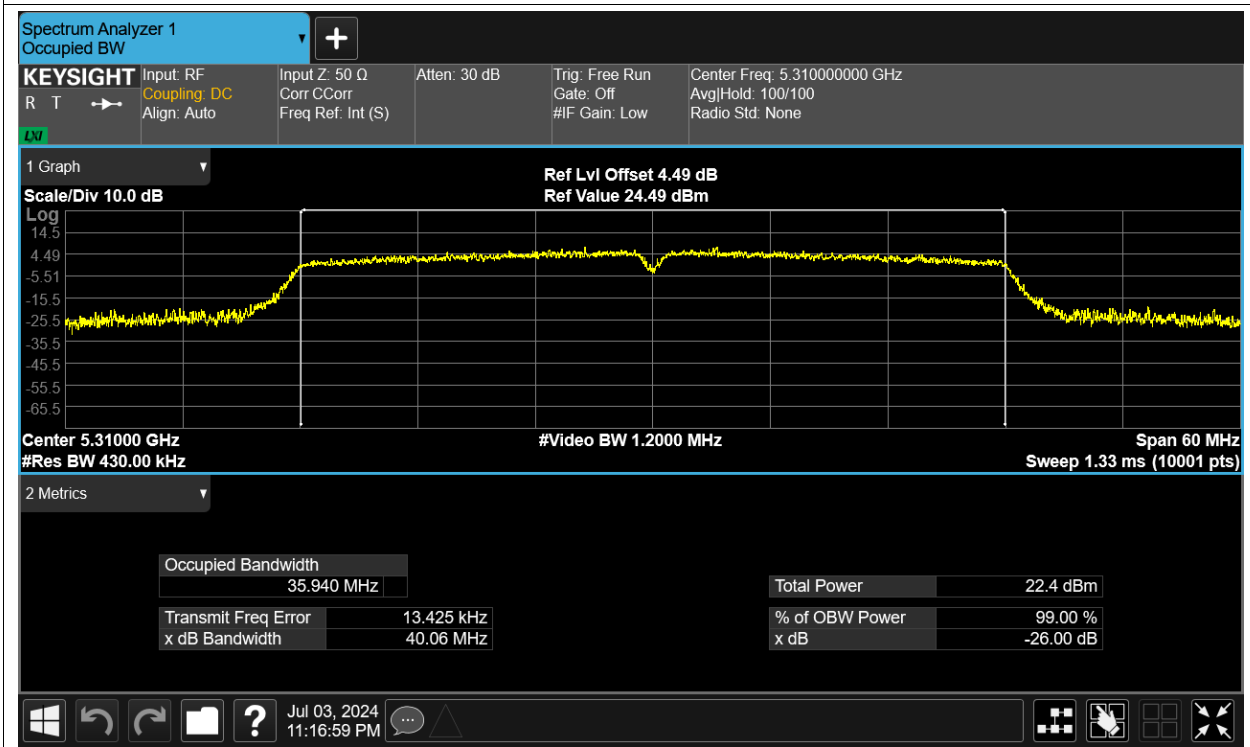
OBW NVNT n20 5320MHz ANT13



OBW NVNT n40 5270MHz ANT13



OBW NVNT n40 5310MHz ANT13

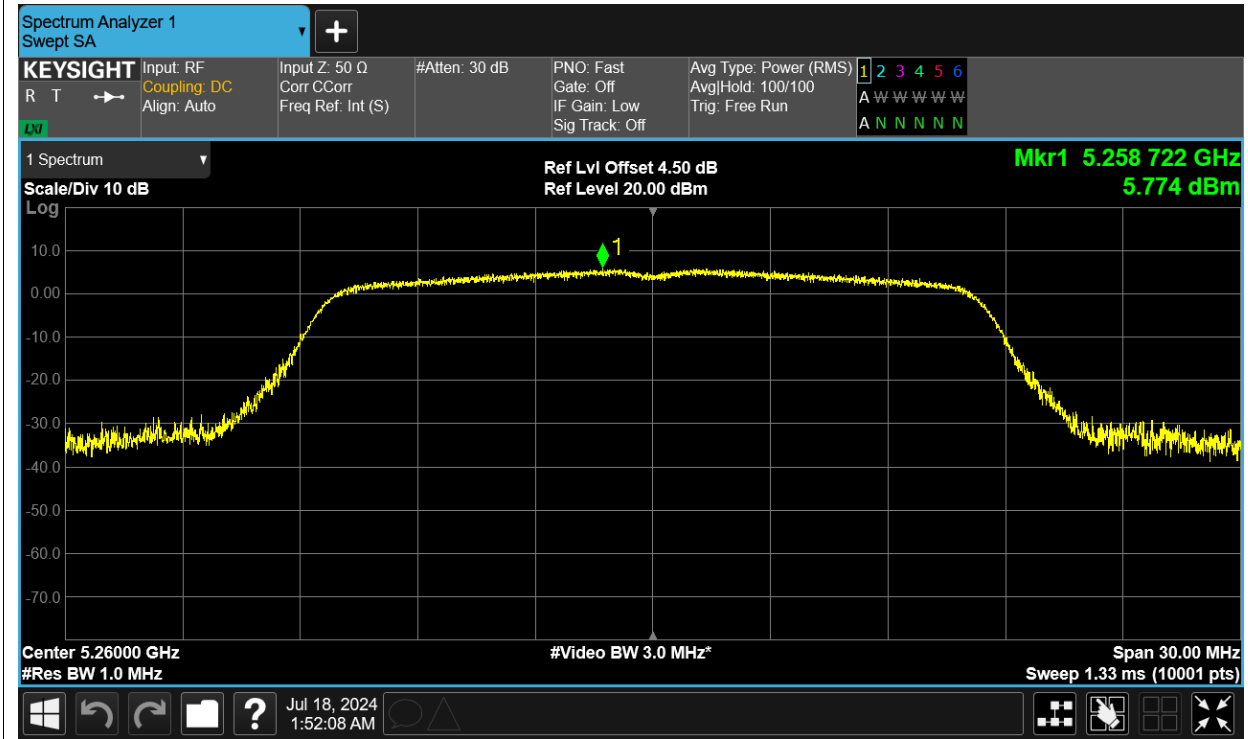


Maximum Power Spectral Density Level

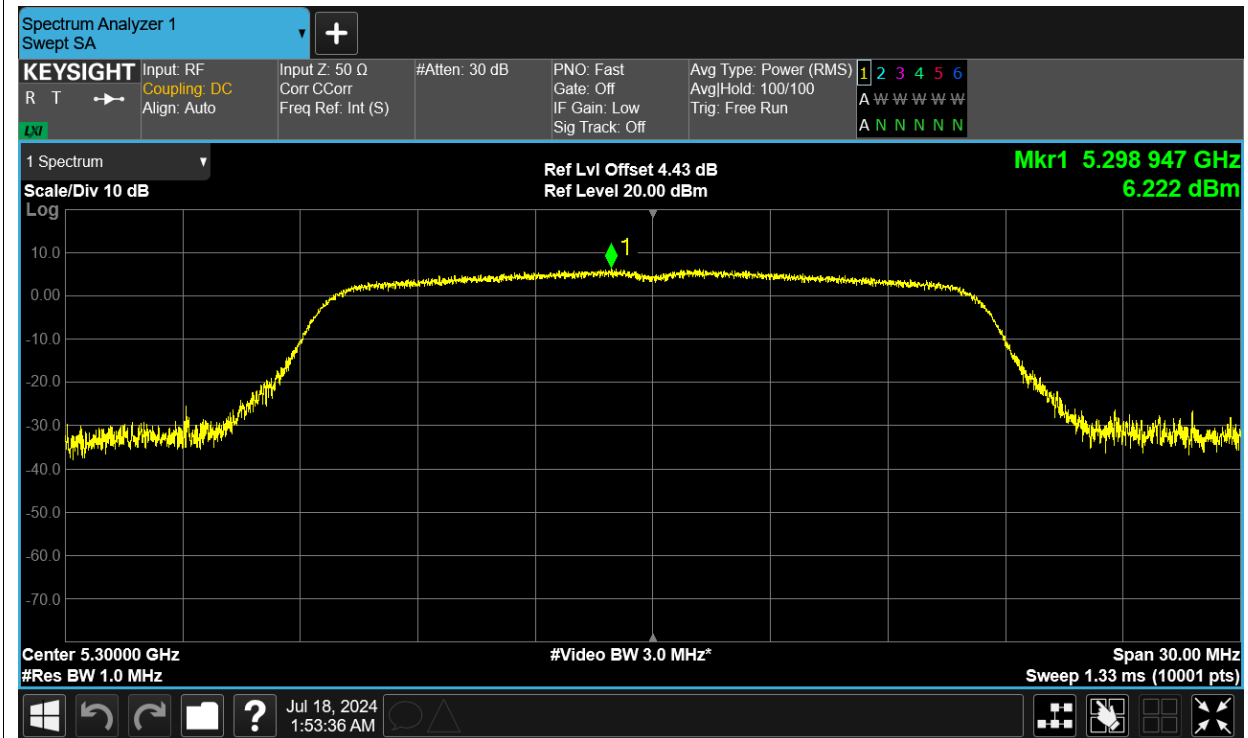
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	ANT13	5.774	11	Pass
NVNT	a	5300	ANT13	6.222	11	Pass
NVNT	a	5320	ANT13	6.787	11	Pass
NVNT	ac20	5260	ANT13	6.213	11	Pass
NVNT	ac20	5300	ANT13	5.934	11	Pass
NVNT	ac20	5320	ANT13	6.133	11	Pass
NVNT	ac40	5270	ANT13	0.486	11	Pass
NVNT	ac40	5310	ANT13	0.119	11	Pass
NVNT	ac80	5290	ANT13	-5.348	11	Pass
NVNT	n20	5260	ANT13	6.04	11	Pass
NVNT	n20	5300	ANT13	5.95	11	Pass
NVNT	n20	5320	ANT13	5.681	11	Pass
NVNT	n40	5270	ANT13	0.054	11	Pass
NVNT	n40	5310	ANT13	0.621	11	Pass

Test Graphs

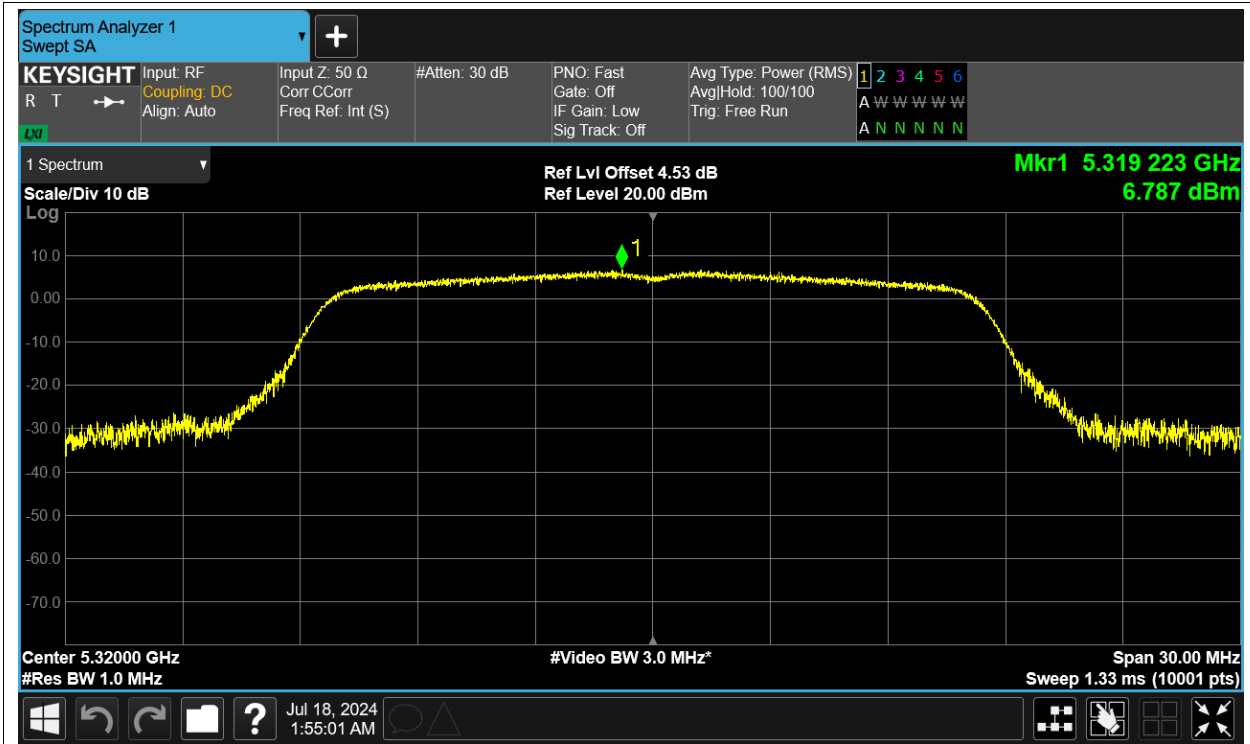
PSD NVNT a 5260MHz ANT13



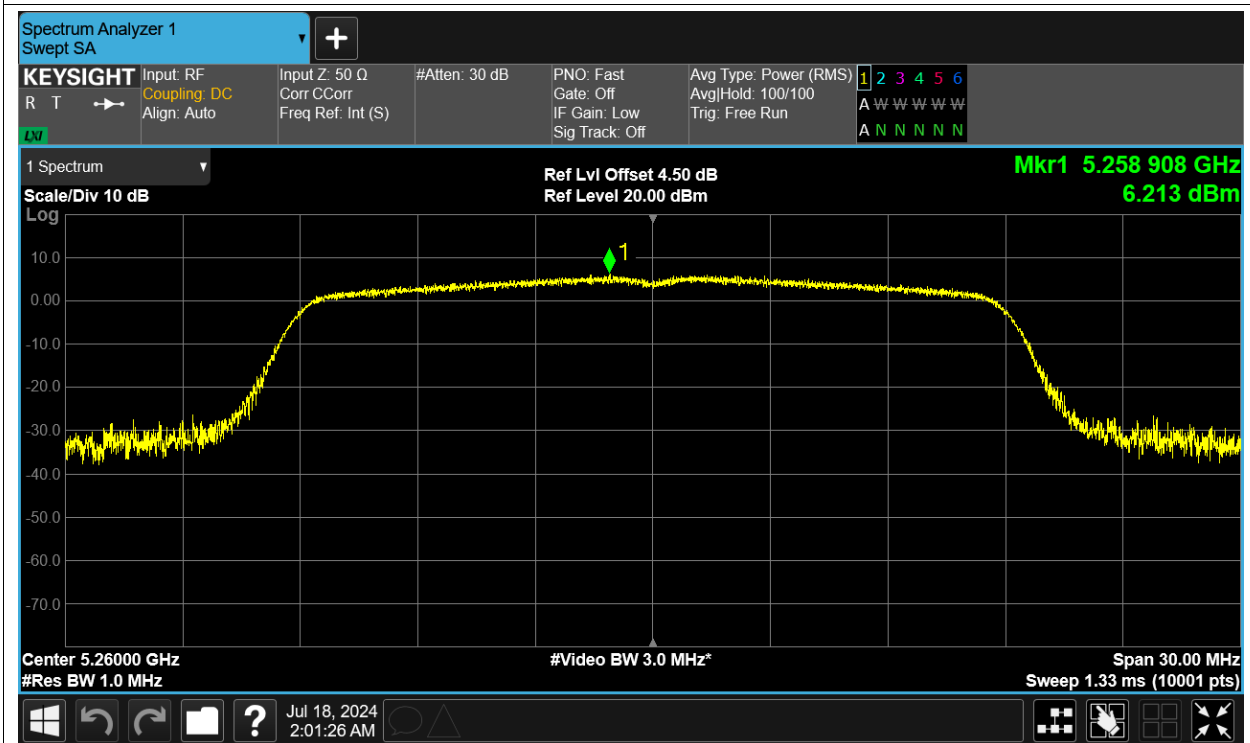
PSD NVNT a 5300MHz ANT13



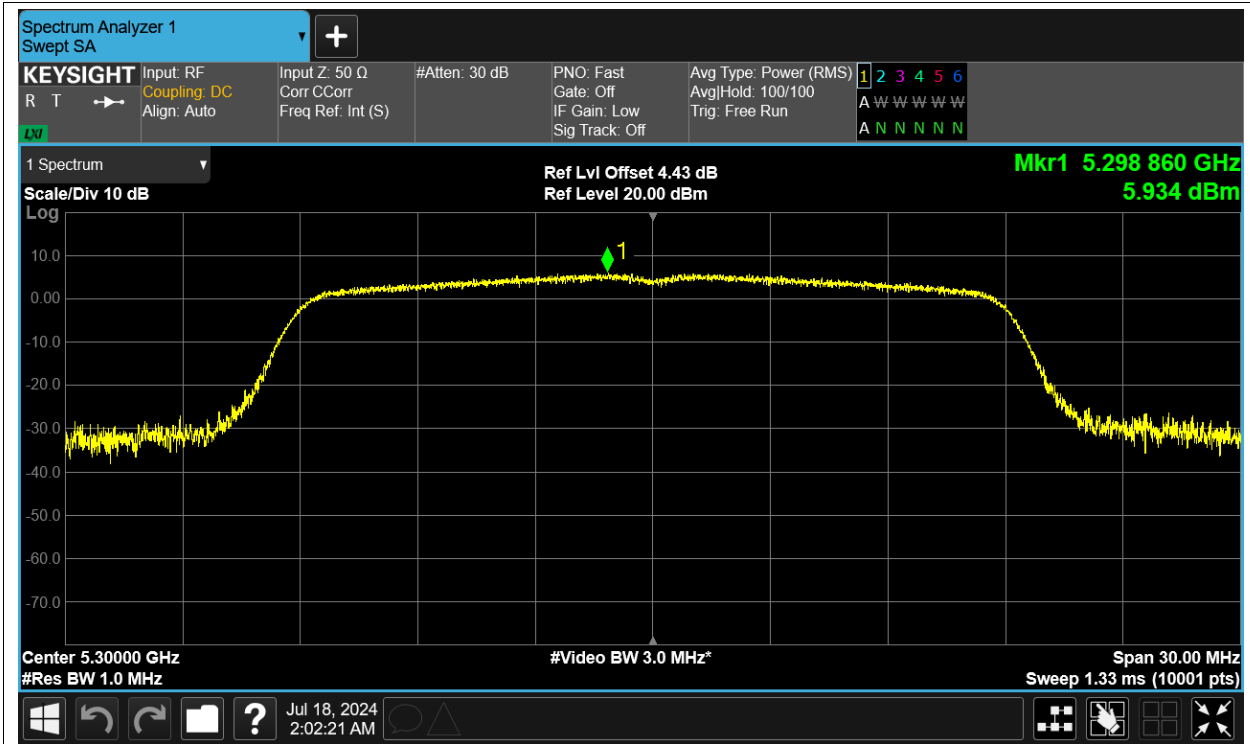
PSD NVNT a 5320MHz ANT13



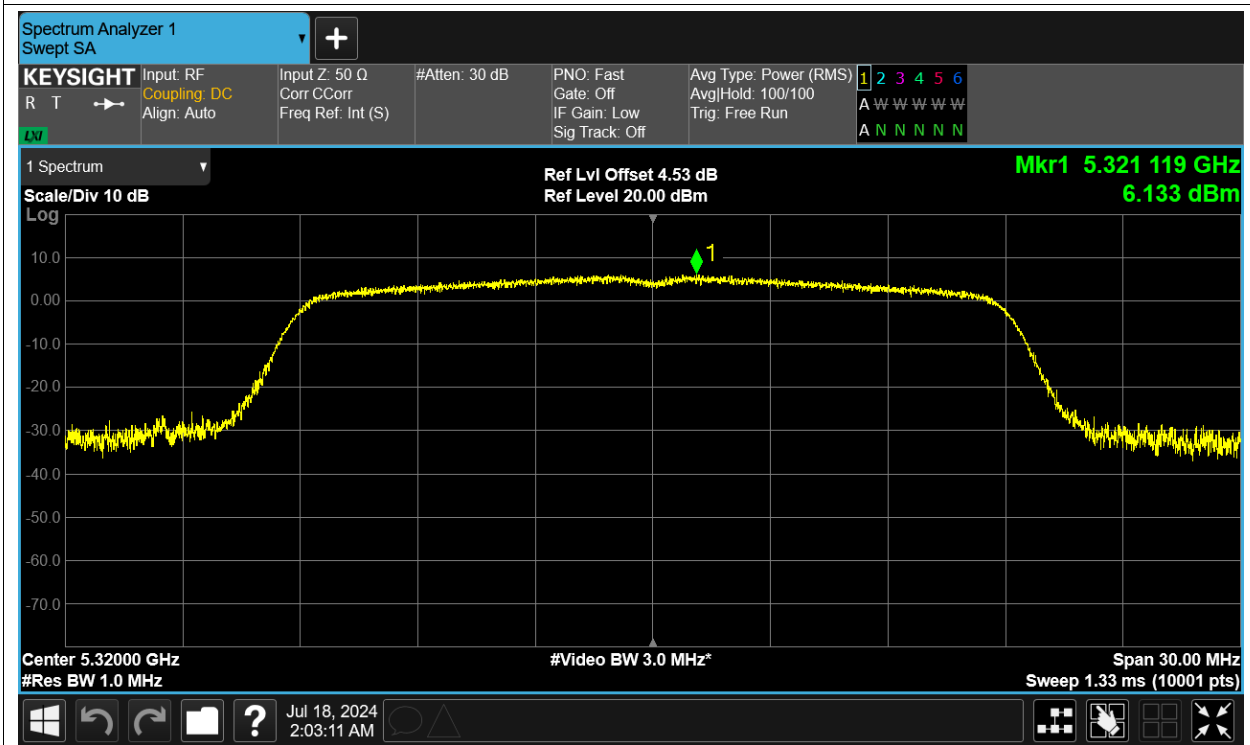
PSD NVNT ac20 5260MHz ANT13



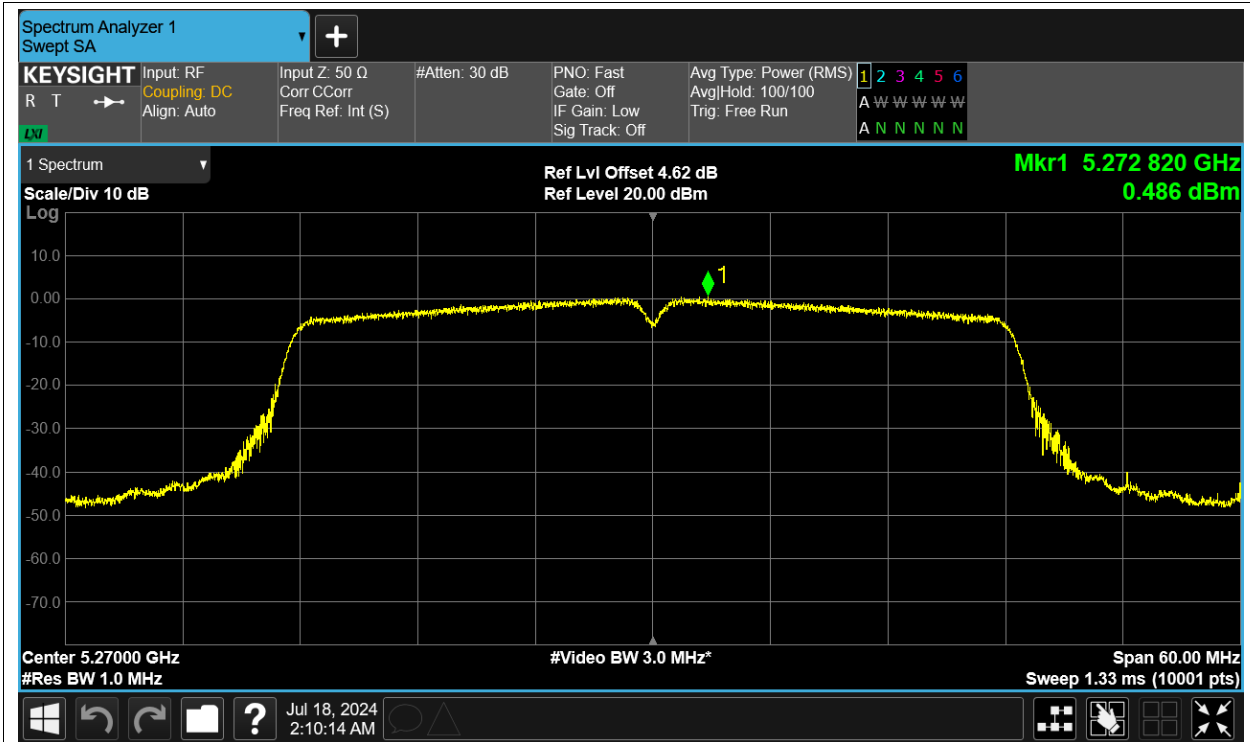
PSD NVNT ac20 5300MHz ANT13



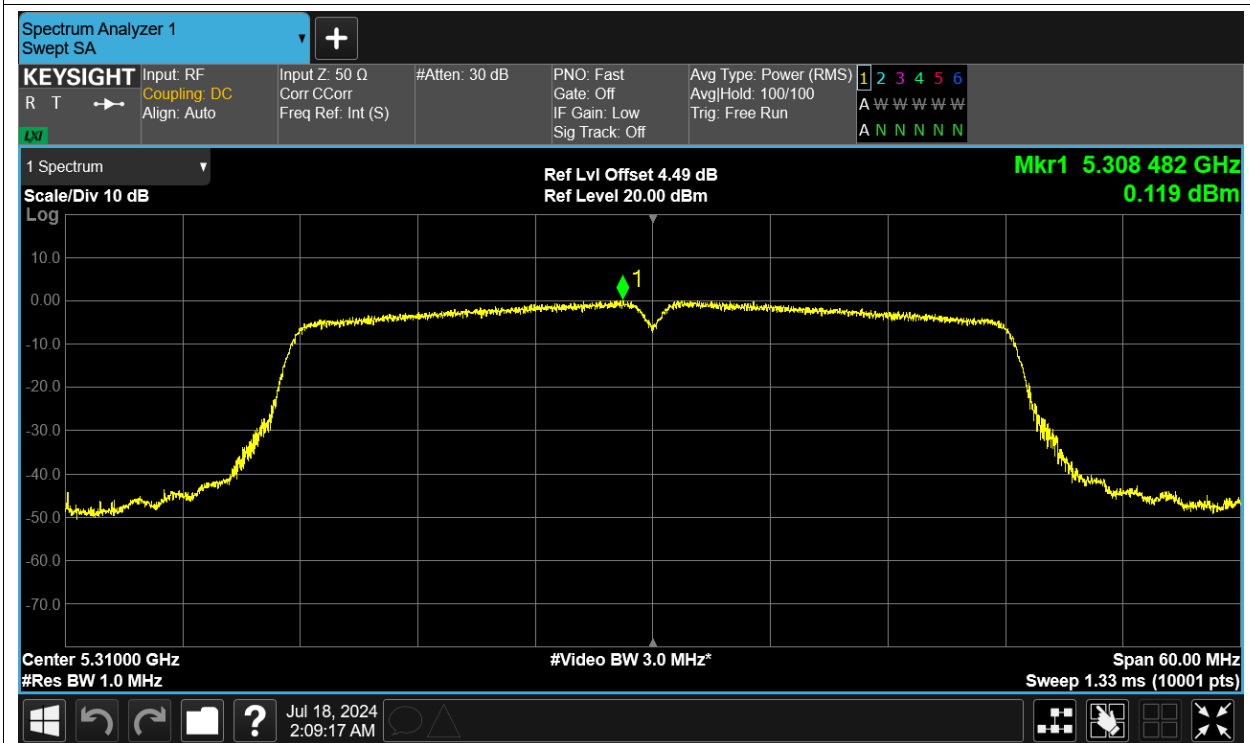
PSD NVNT ac20 5320MHz ANT13



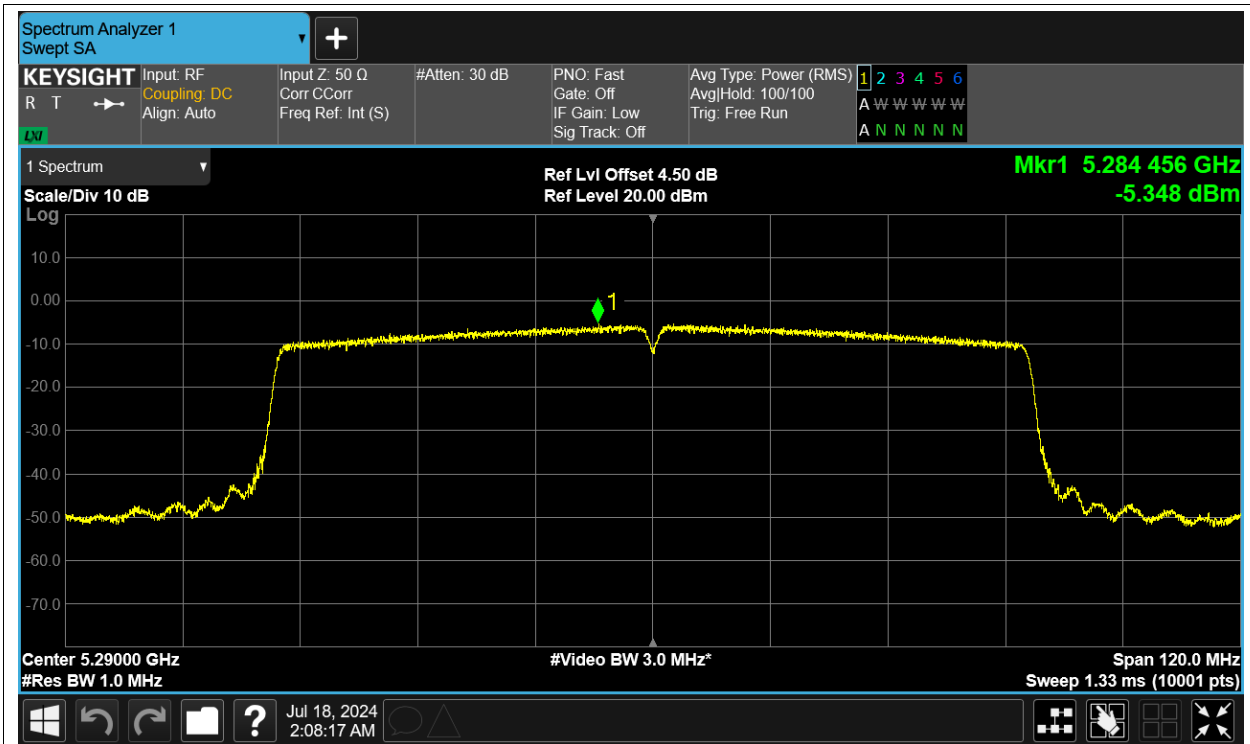
PSD NVNT ac40 5270MHz ANT13



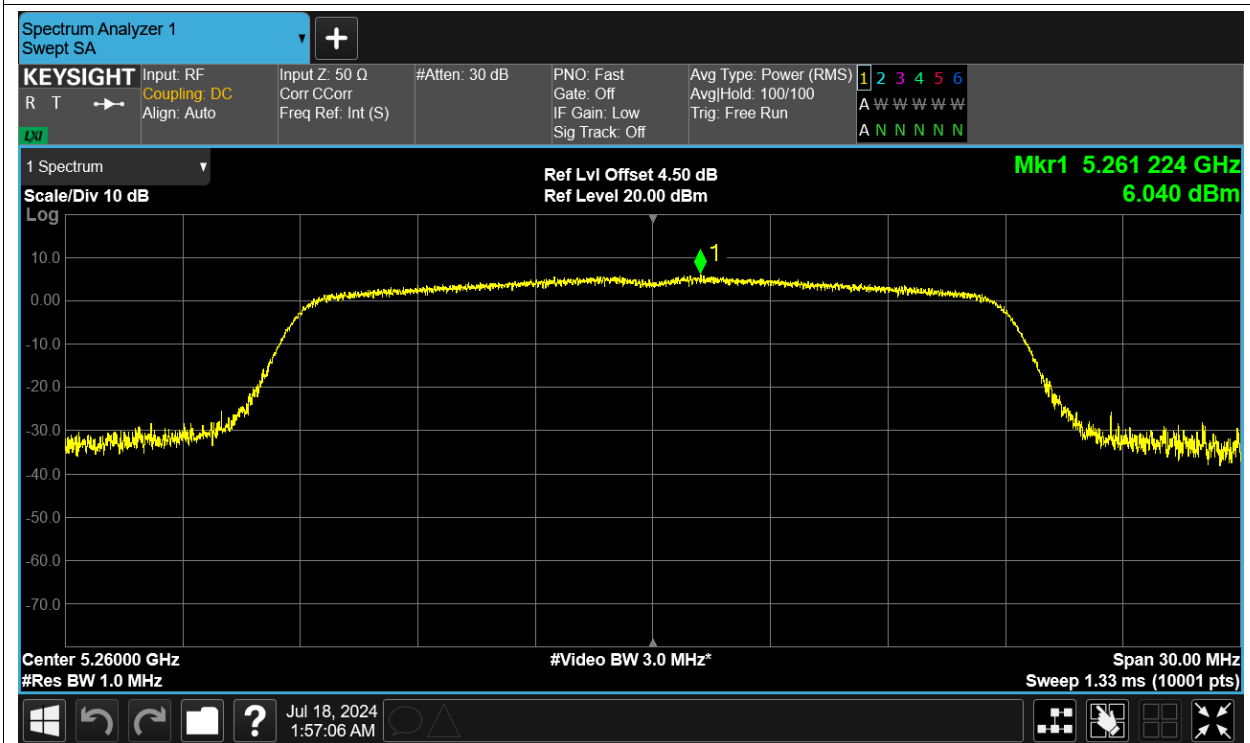
PSD NVNT ac40 5310MHz ANT13



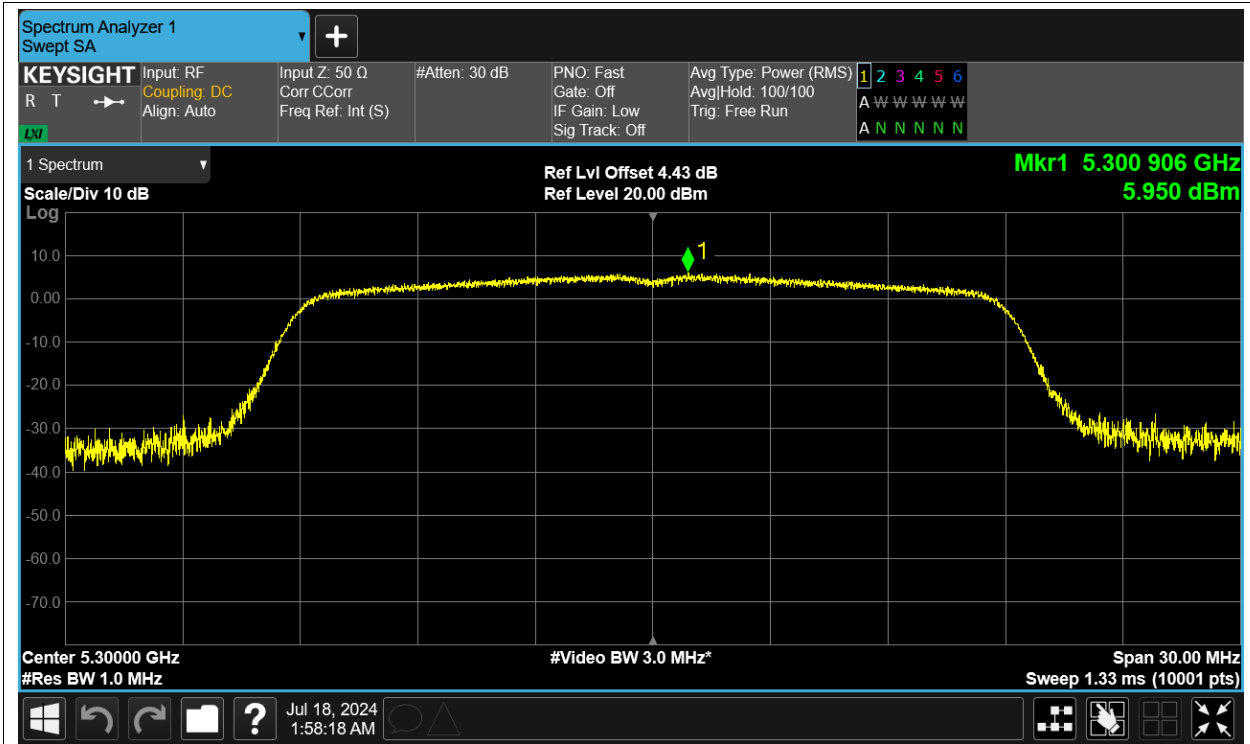
PSD NVNT ac80 5290MHz ANT13



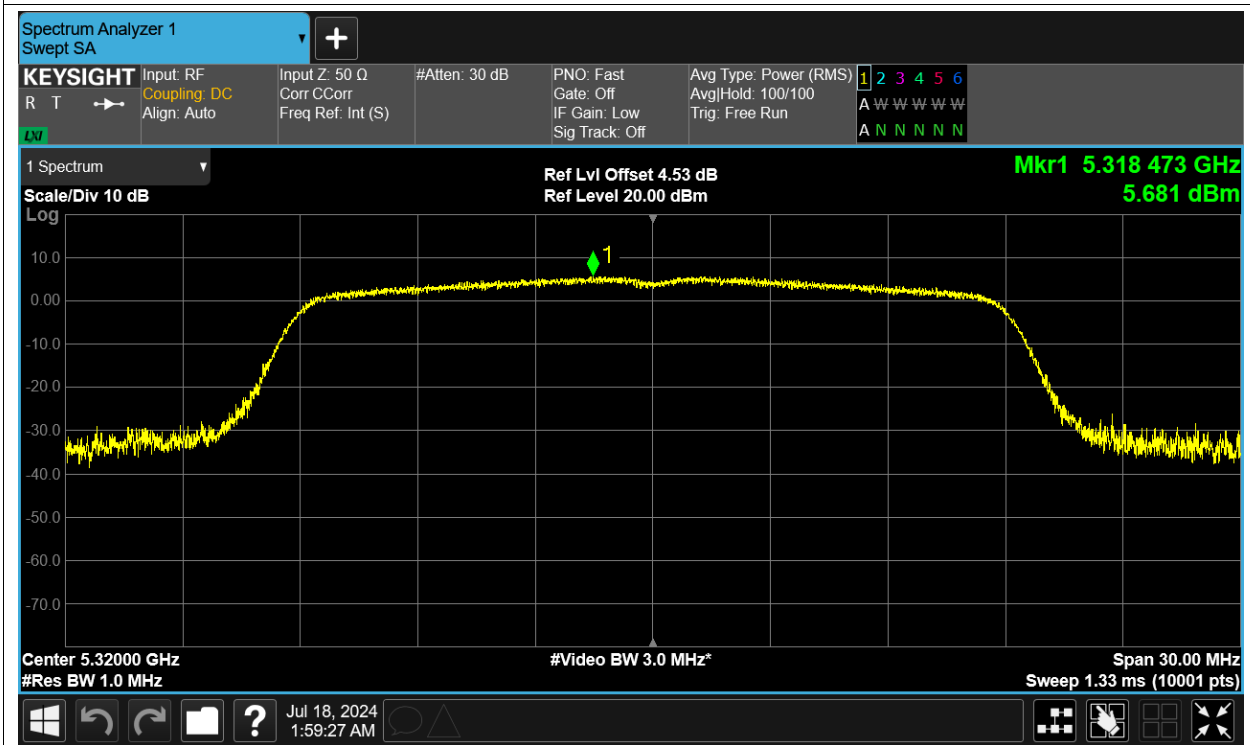
PSD NVNT n20 5260MHz ANT13



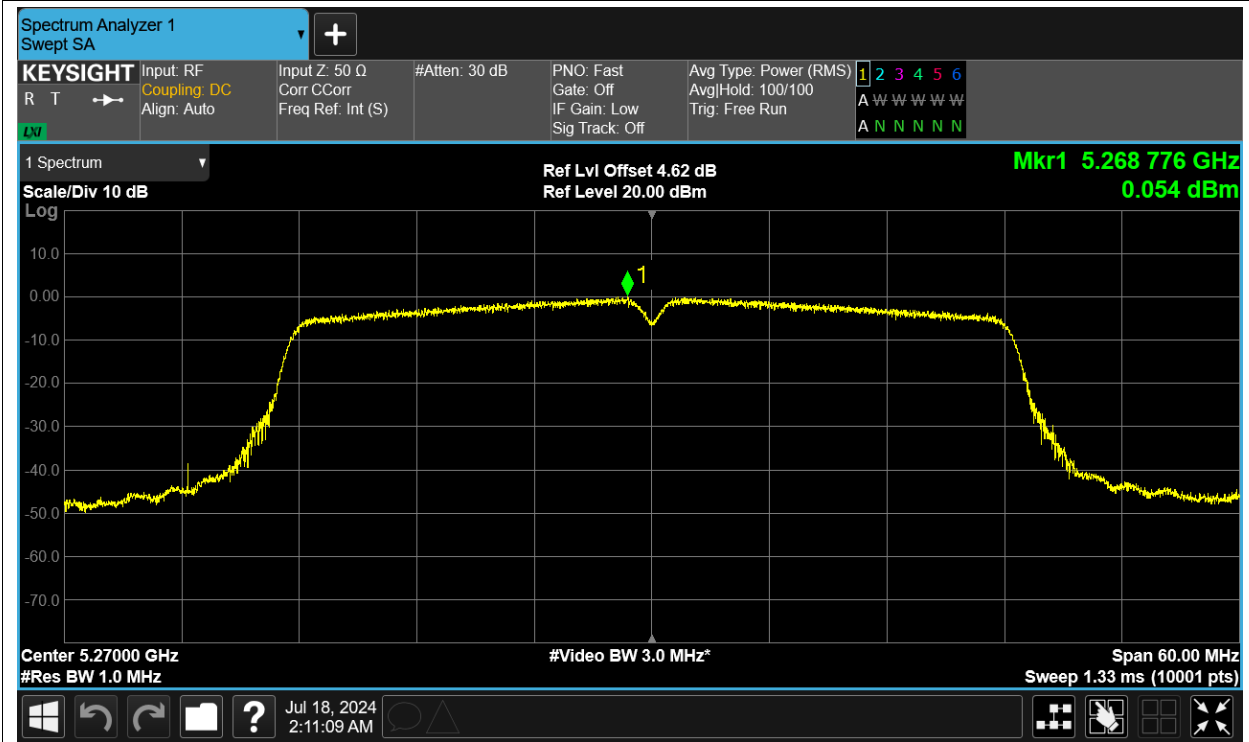
PSD NVNT n20 5300MHz ANT13



PSD NVNT n20 5320MHz ANT13



PSD NVNT n40 5270MHz ANT13



PSD NVNT n40 5310MHz ANT13

