

Test Data

Frequency Stability

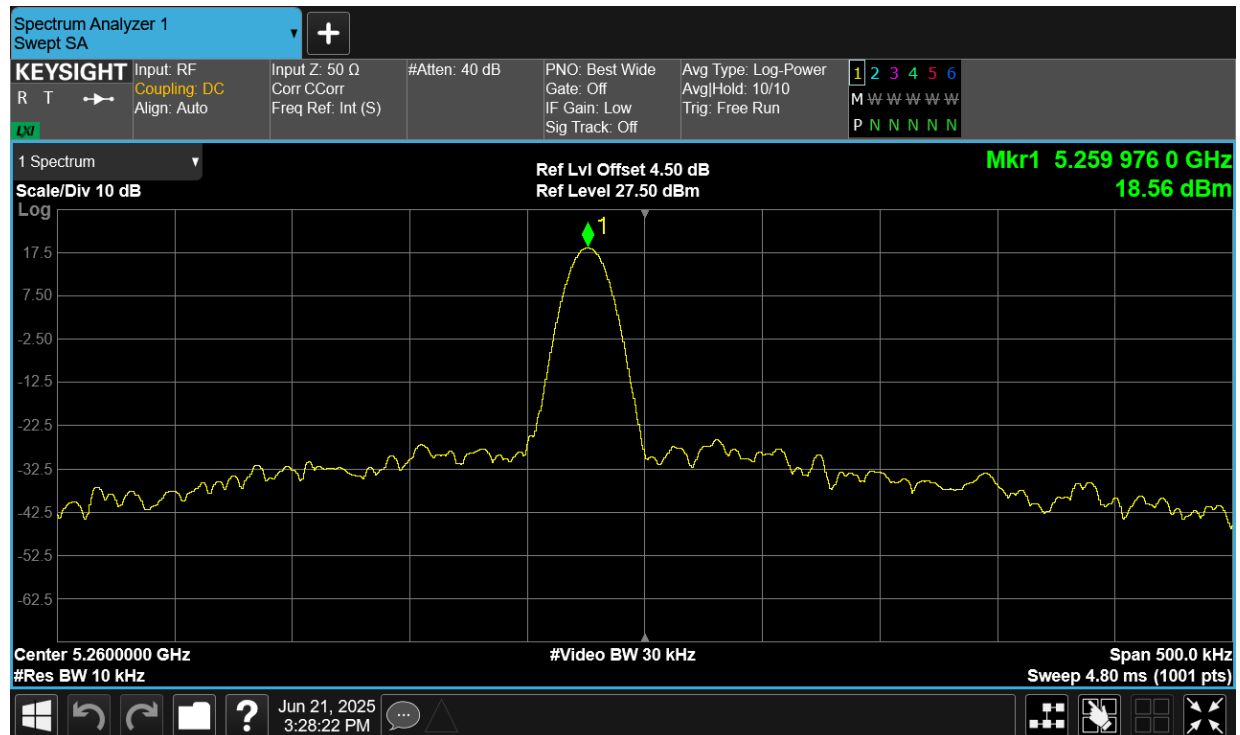
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant14	5259.9755	-4.66	Within authorized band	Pass
LVNT	a	5260	Ant14	5259.976	-4.56		Pass
NVHT	a	5260	Ant14	5259.976	-4.56		Pass
NVLT	a	5260	Ant14	5259.9765	-4.47		Pass
NVNT	a	5260	Ant14	5259.977	-4.37		Pass
HVNT	ac80	5290	Ant14	5289.975	-4.73		Pass
LVNT	ac80	5290	Ant14	5289.9755	-4.63		Pass
NVHT	ac80	5290	Ant14	5289.9755	-4.63		Pass
NVLT	ac80	5290	Ant14	5289.976	-4.54		Pass
NVNT	ac80	5290	Ant14	5289.9765	-4.44		Pass
HVNT	n40	5270	Ant14	5269.9755	-4.65		Pass
LVNT	n40	5270	Ant14	5269.9755	-4.65		Pass
NVHT	n40	5270	Ant14	5269.976	-4.55		Pass
NVLT	n40	5270	Ant14	5269.976	-4.55		Pass
NVNT	n40	5270	Ant14	5269.9765	-4.46		Pass
Remark:							
“NTNV” means Normal Temperature Normal Voltage, “NVHT” means Normal Voltage High Temperature, “NVLT” means Normal VoltageLowTemperature, “LVNT” means Low Voltage Normal Temperature, “HVNT” means High Voltage Normal Temperature.							

Test Graphs

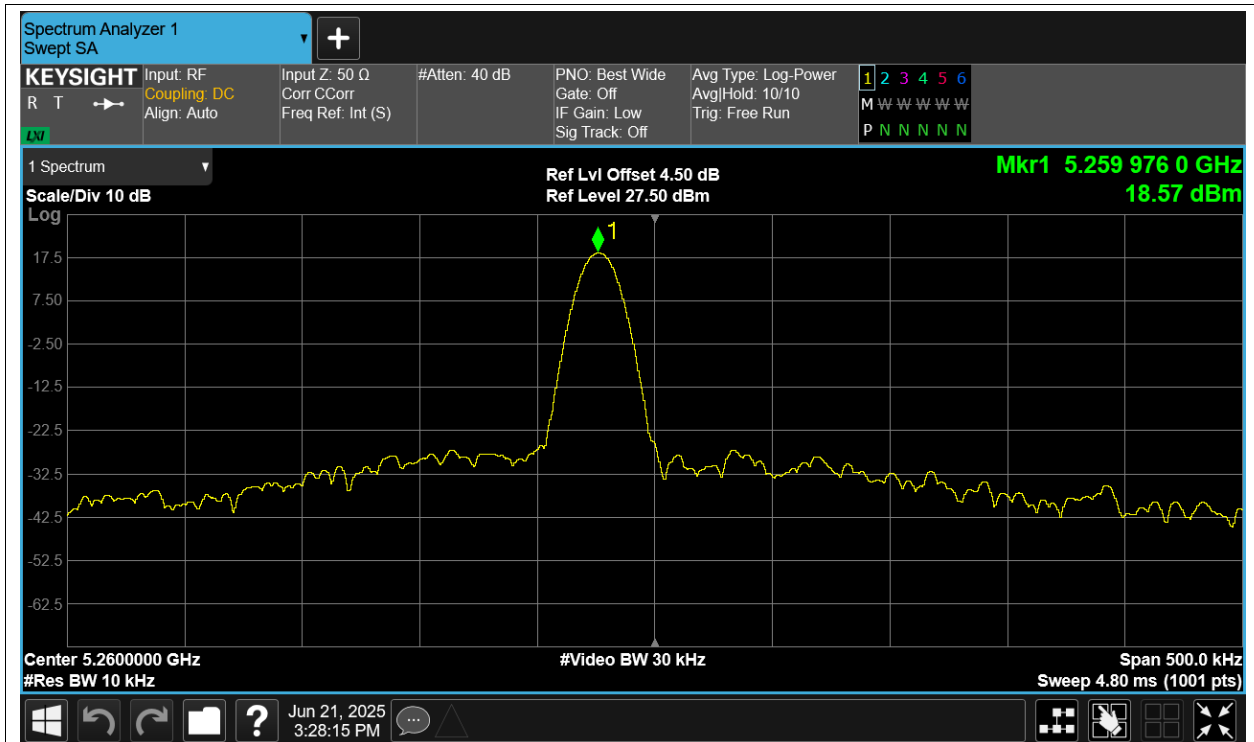
Freq. Stability HVNT a 5260MHz Ant14



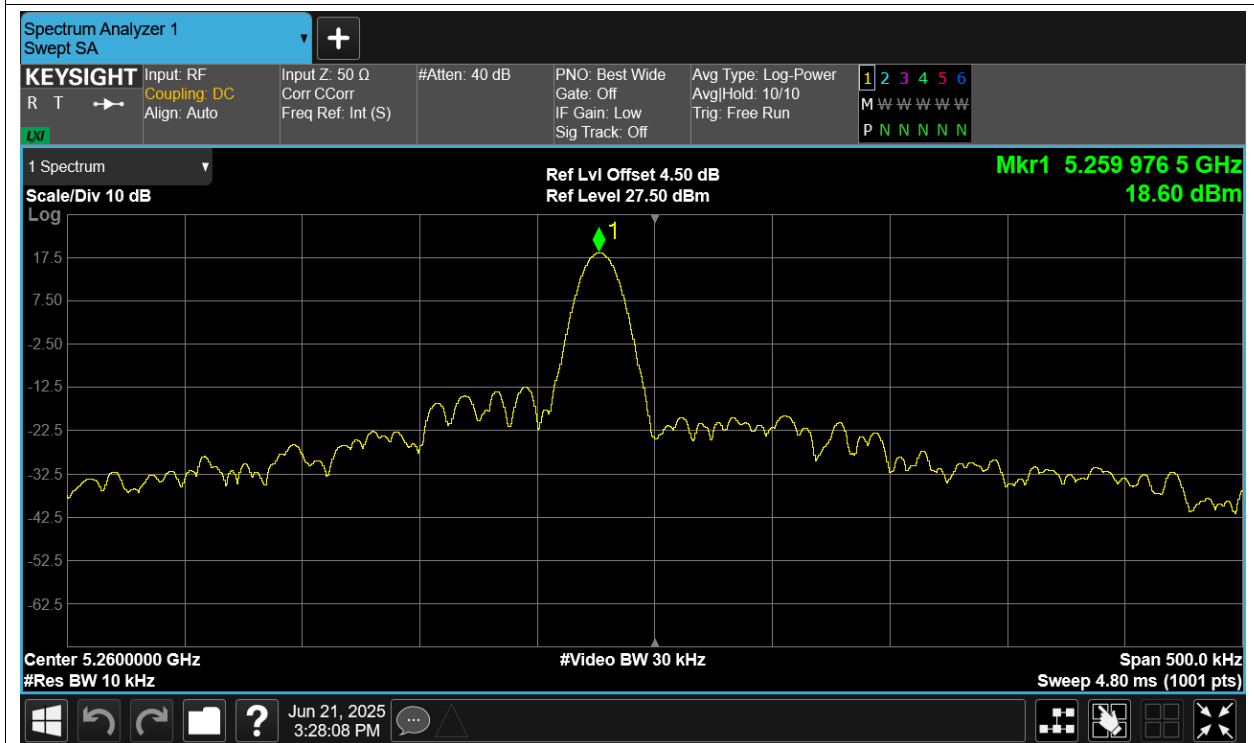
Freq. Stability LVNT a 5260MHz Ant14



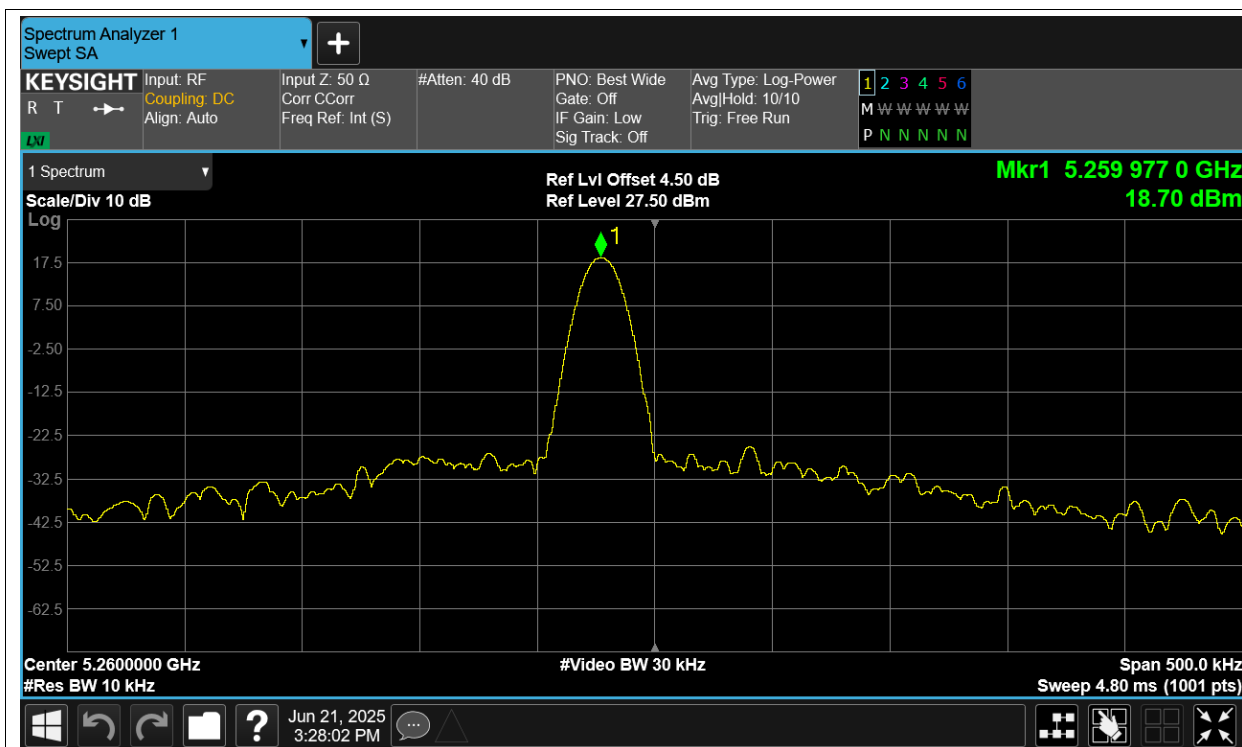
Freq. Stability NVHT a 5260MHz Ant14



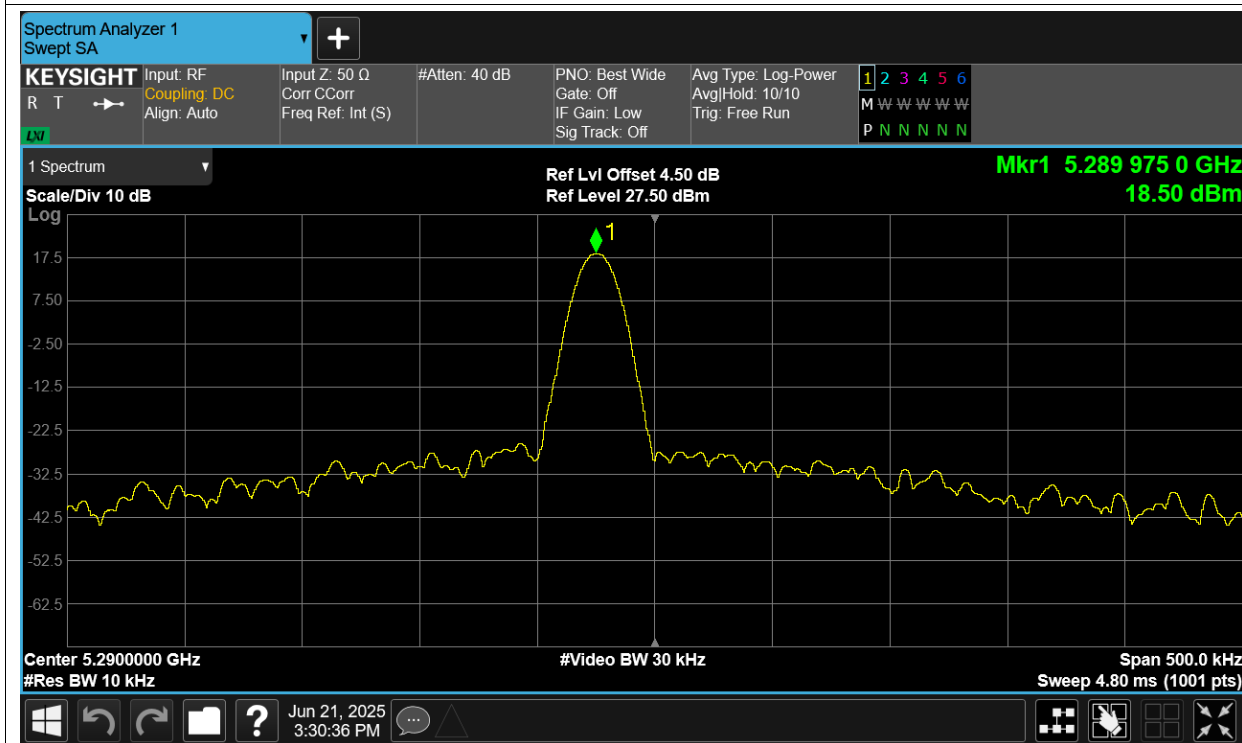
Freq. Stability NVLT a 5260MHz Ant14



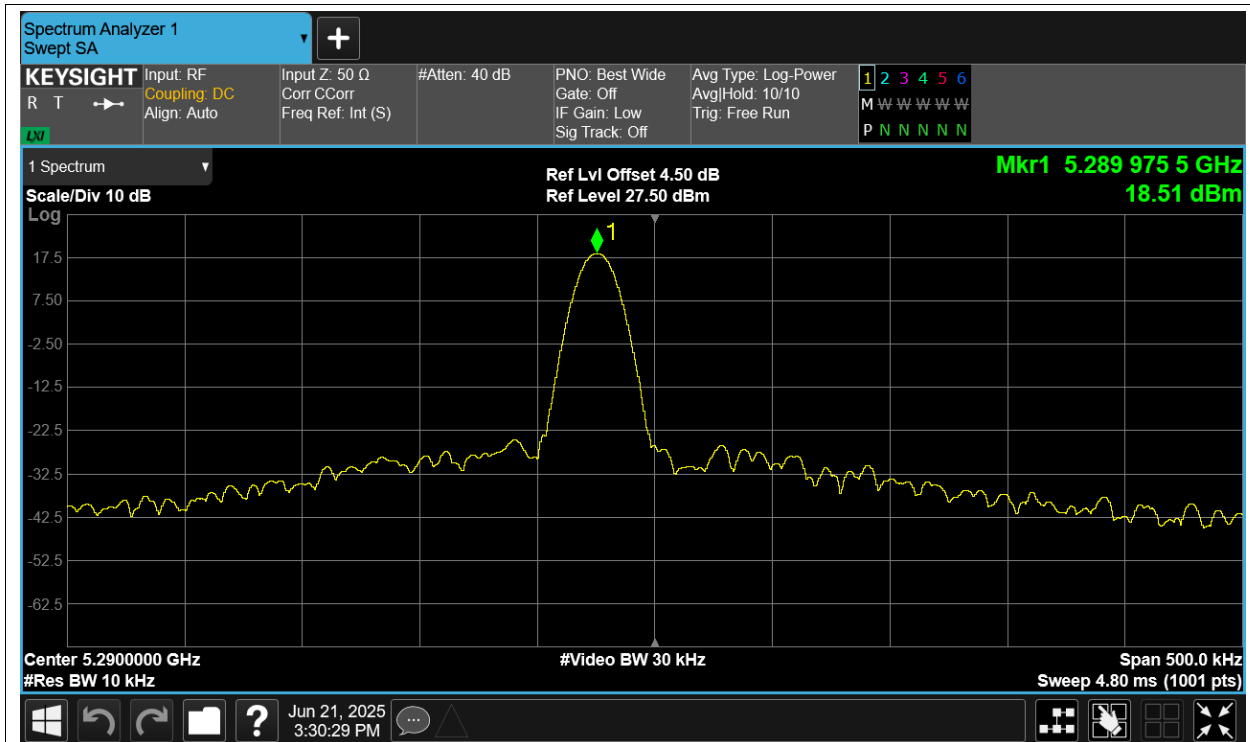
Freq. Stability NVNT a 5260MHz Ant14



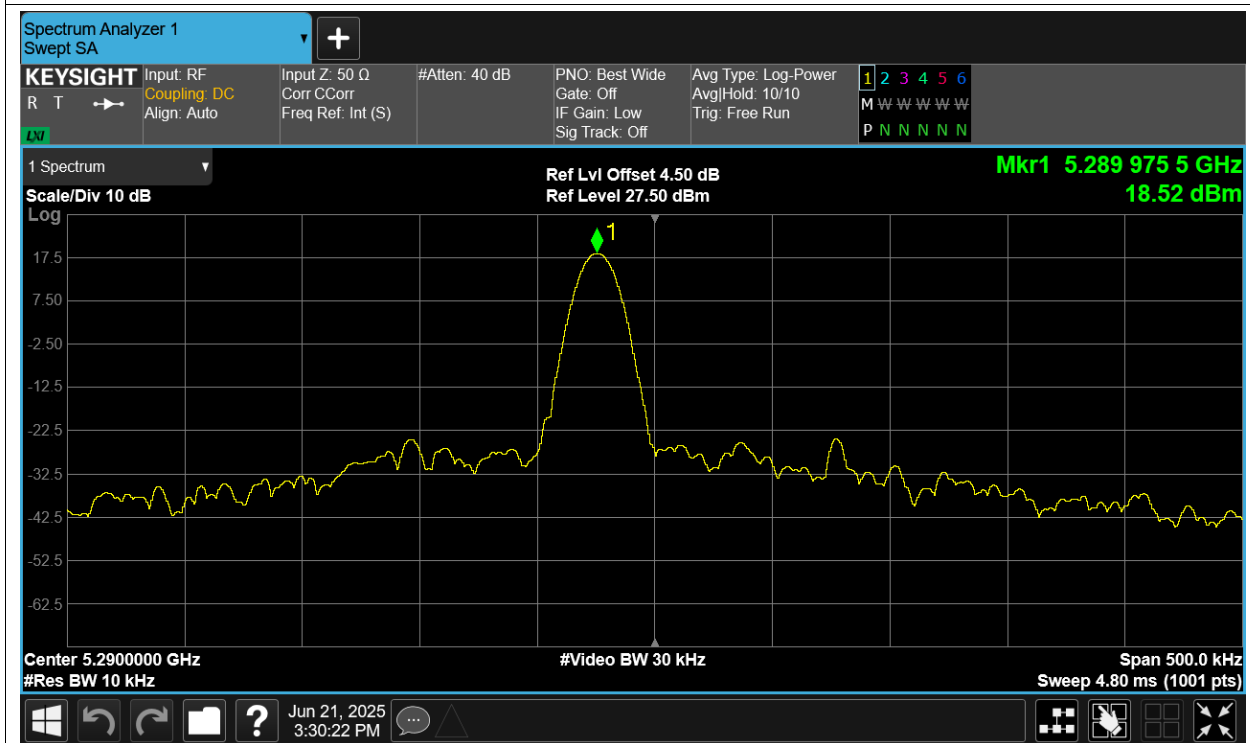
Freq. Stability HVNT ac80 5290MHz Ant14



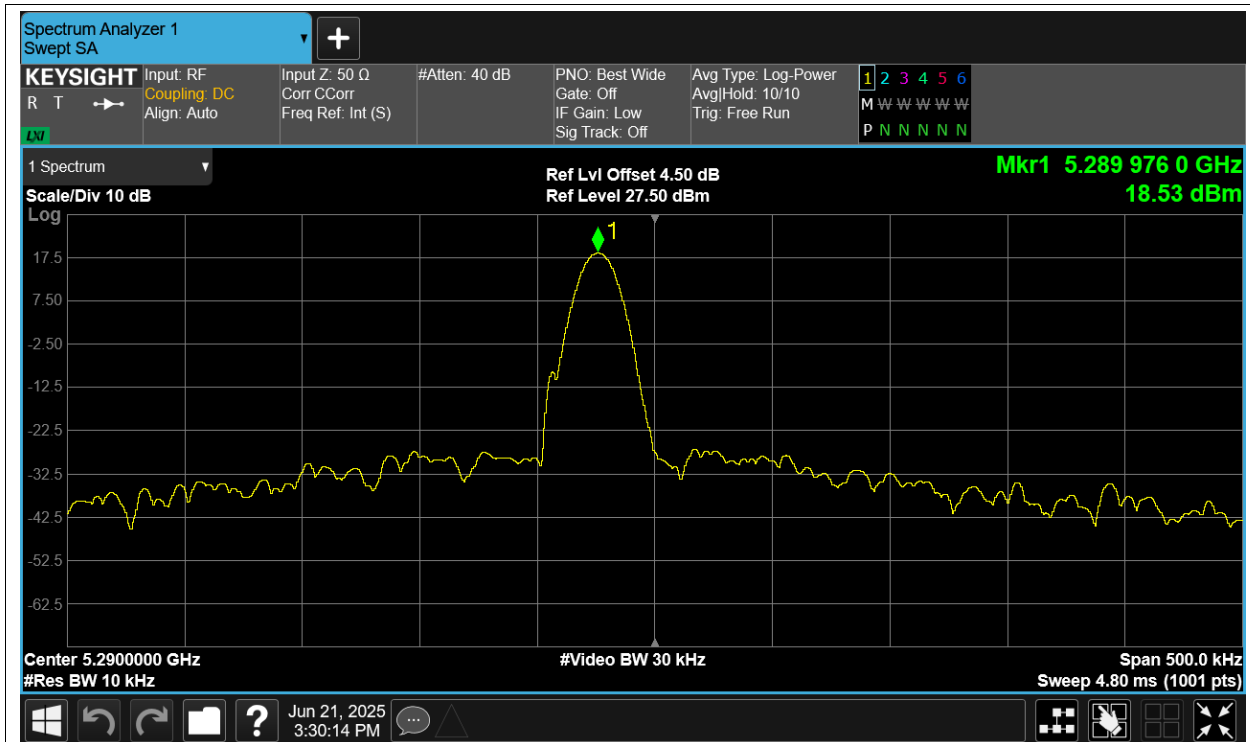
Freq. Stability LVNT ac80 5290MHz Ant14



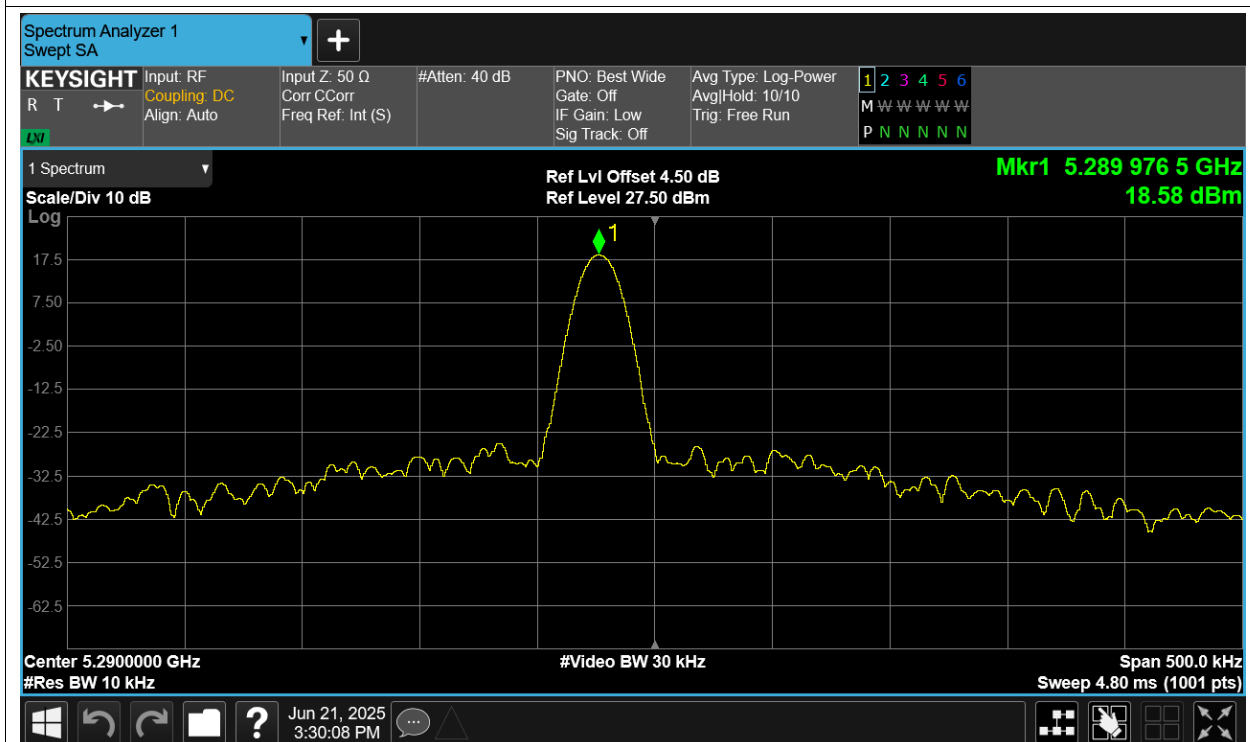
Freq. Stability NVHT ac80 5290MHz Ant14



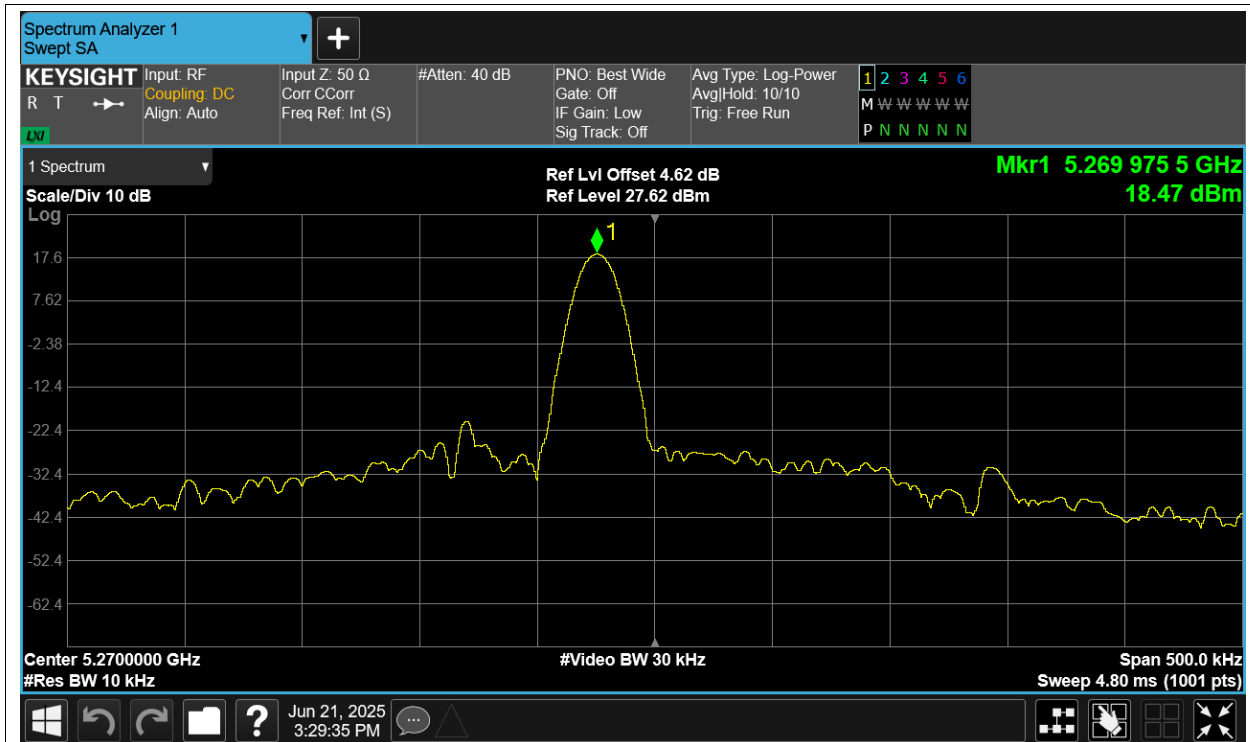
Freq. Stability NVLT ac80 5290MHz Ant14



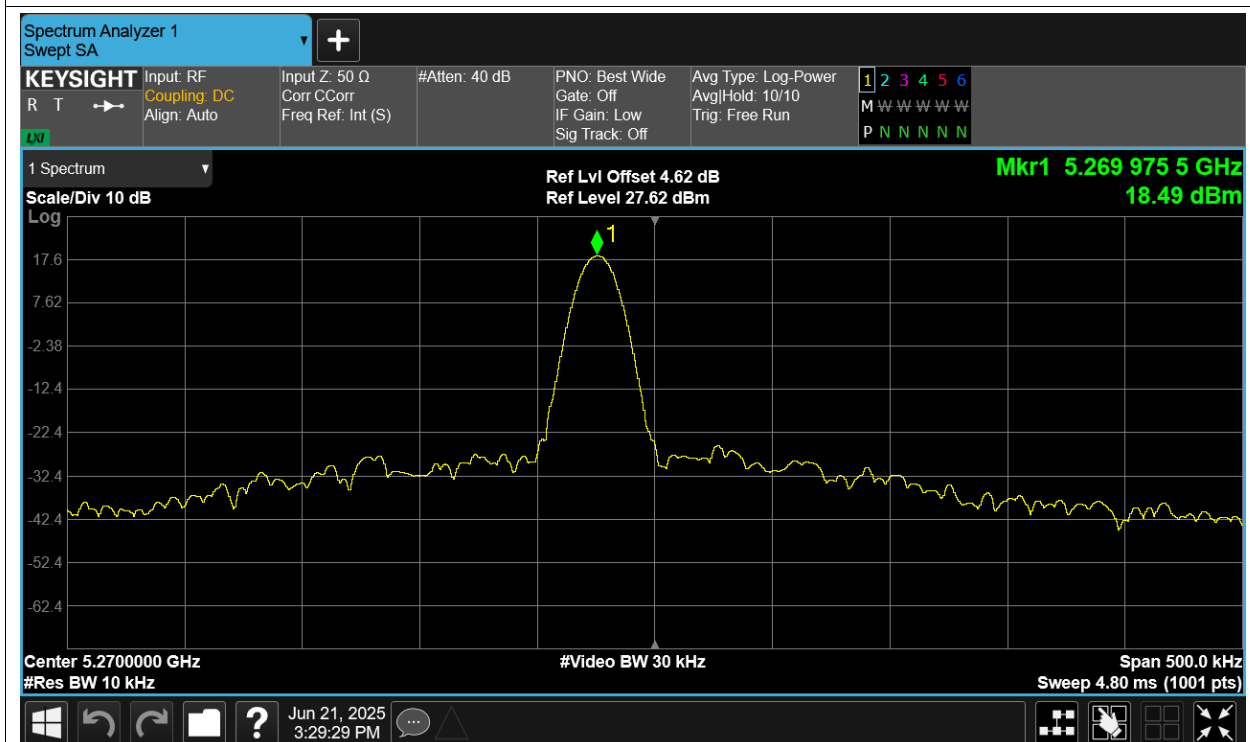
Freq. Stability NVNT ac80 5290MHz Ant14



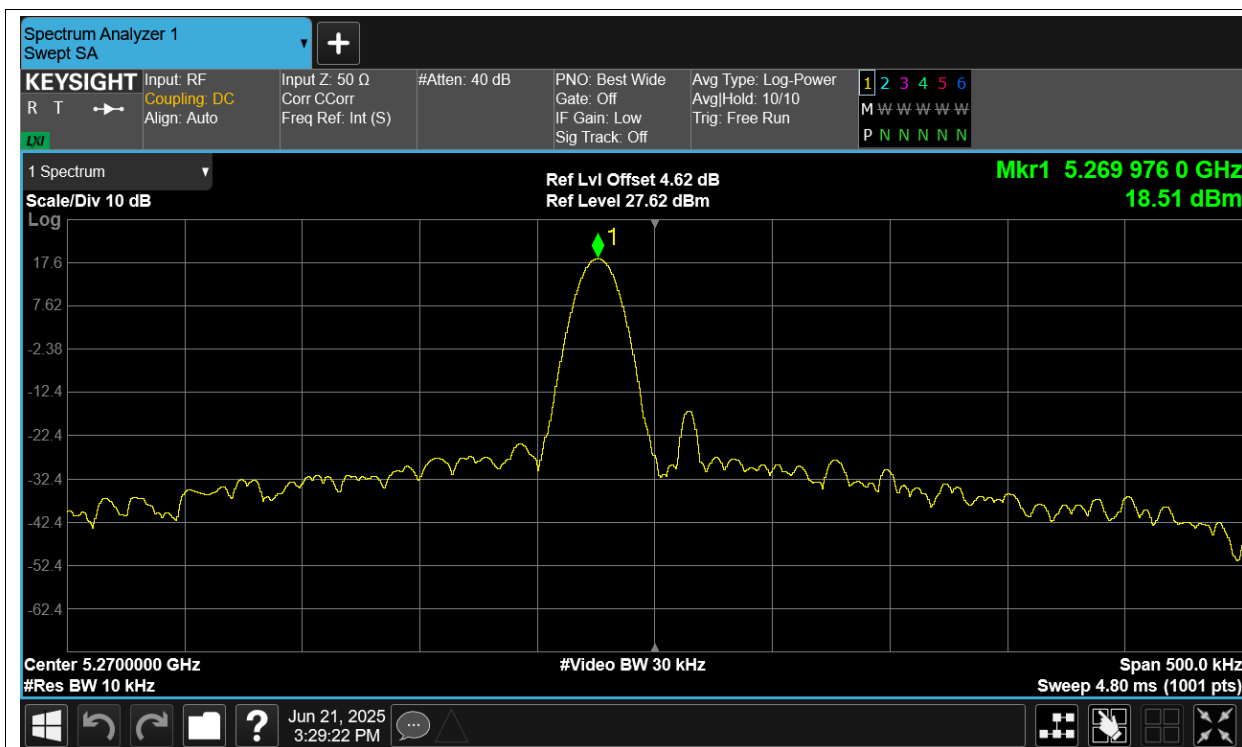
Freq. Stability HVNT n40 5270MHz Ant14



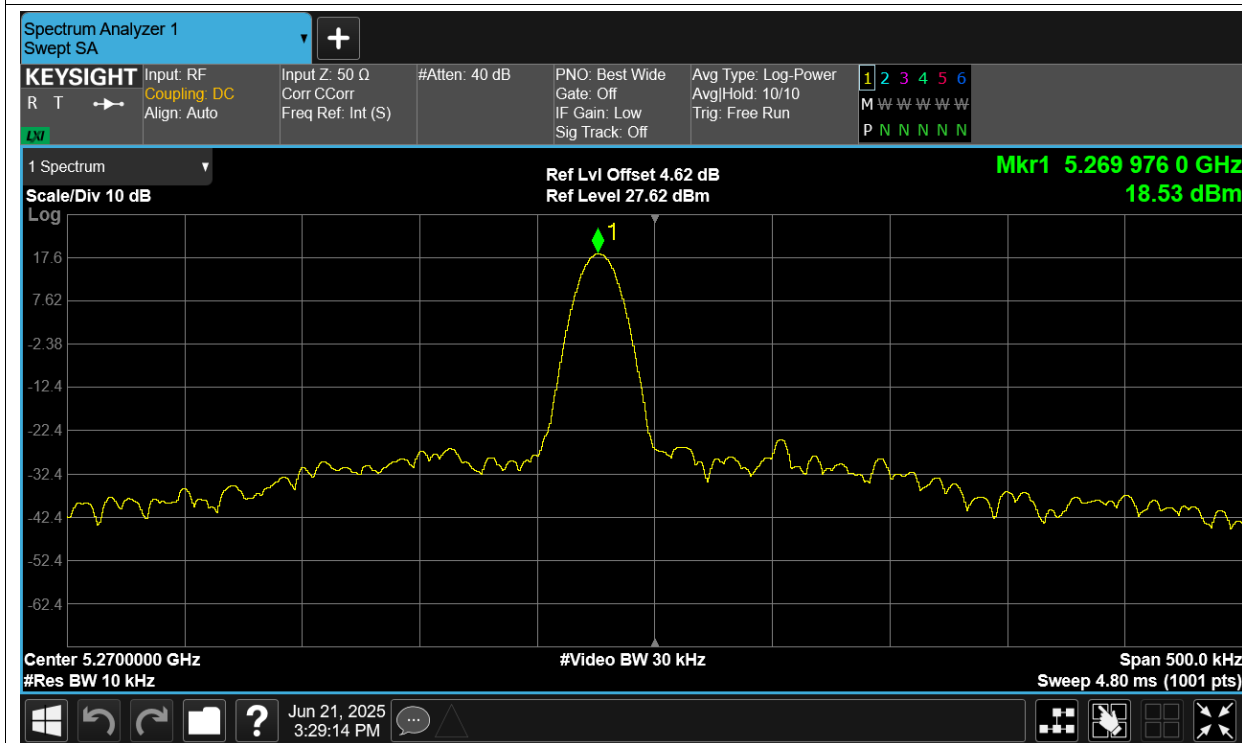
Freq. Stability LVNT n40 5270MHz Ant14



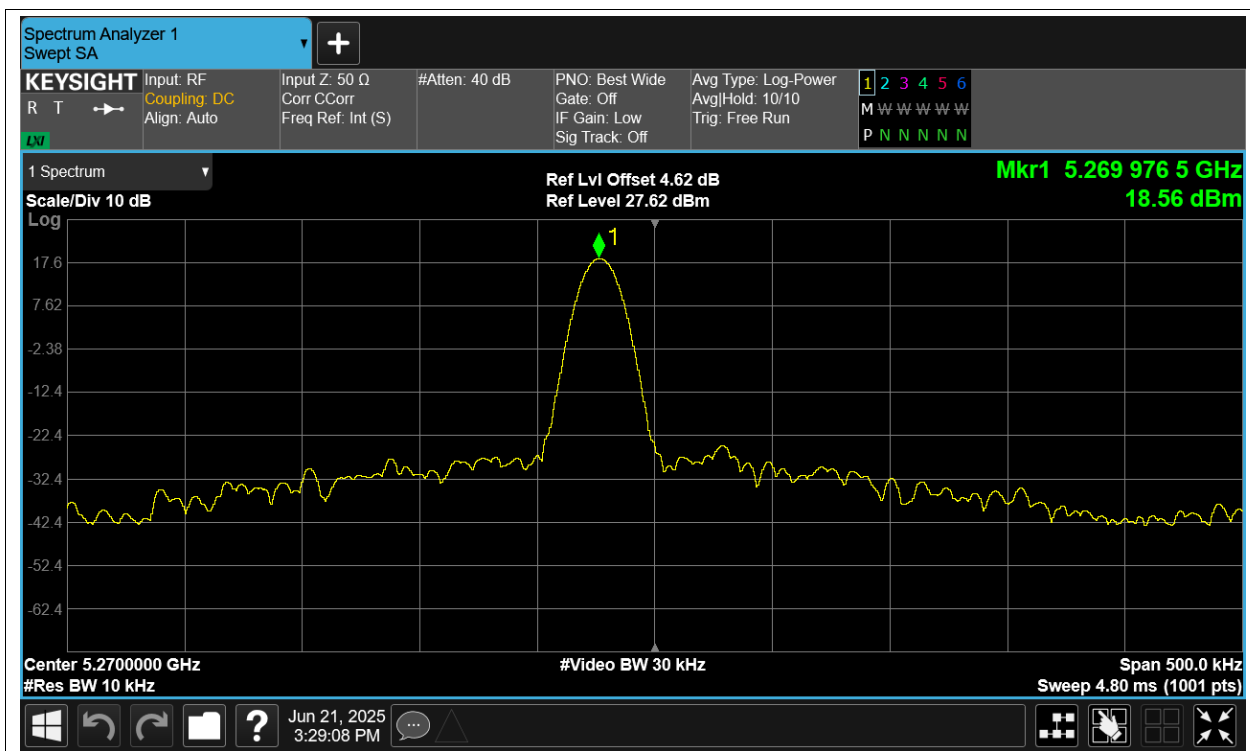
Freq. Stability NVHT n40 5270MHz Ant14



Freq. Stability NVLT n40 5270MHz Ant14

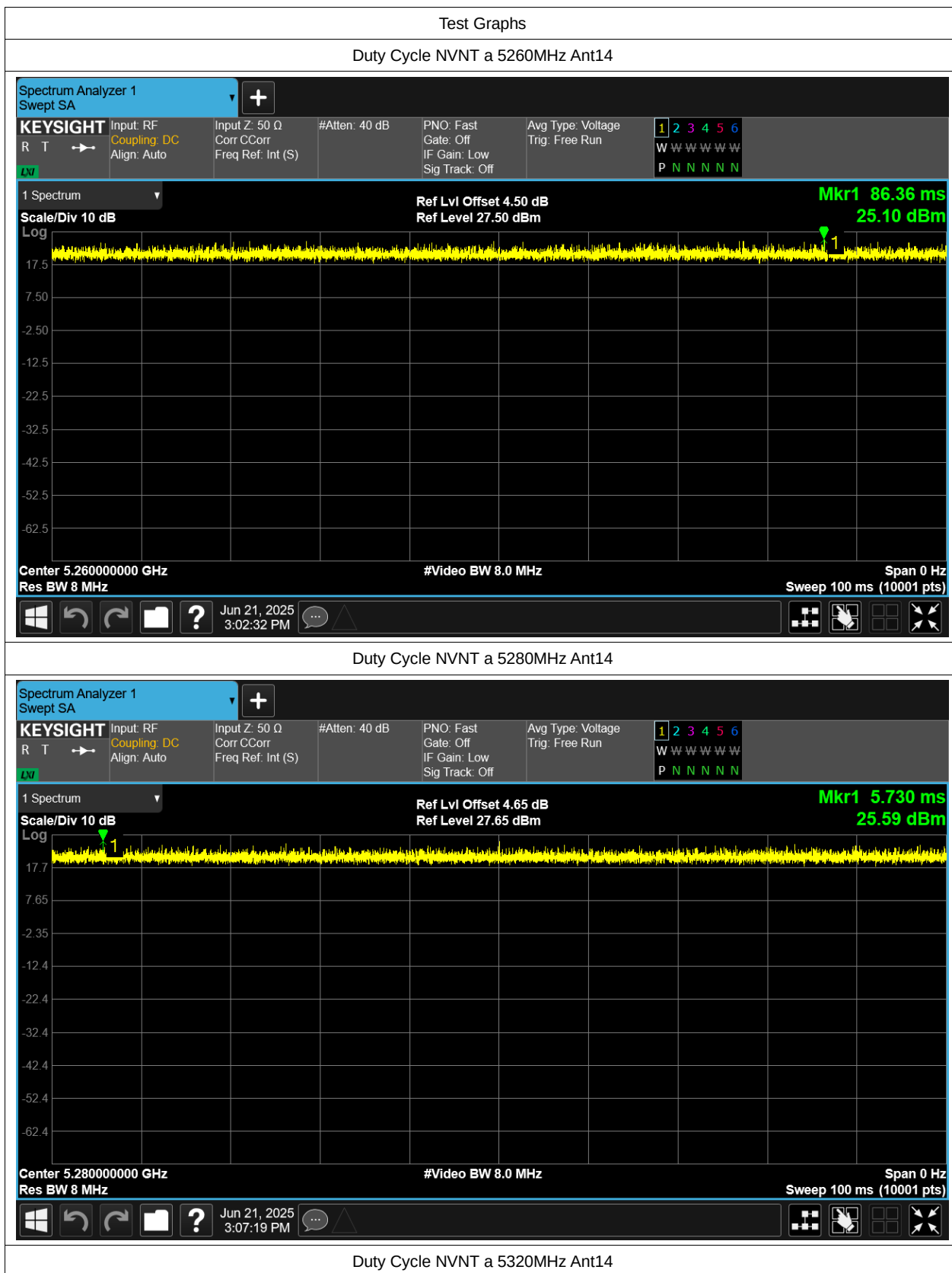


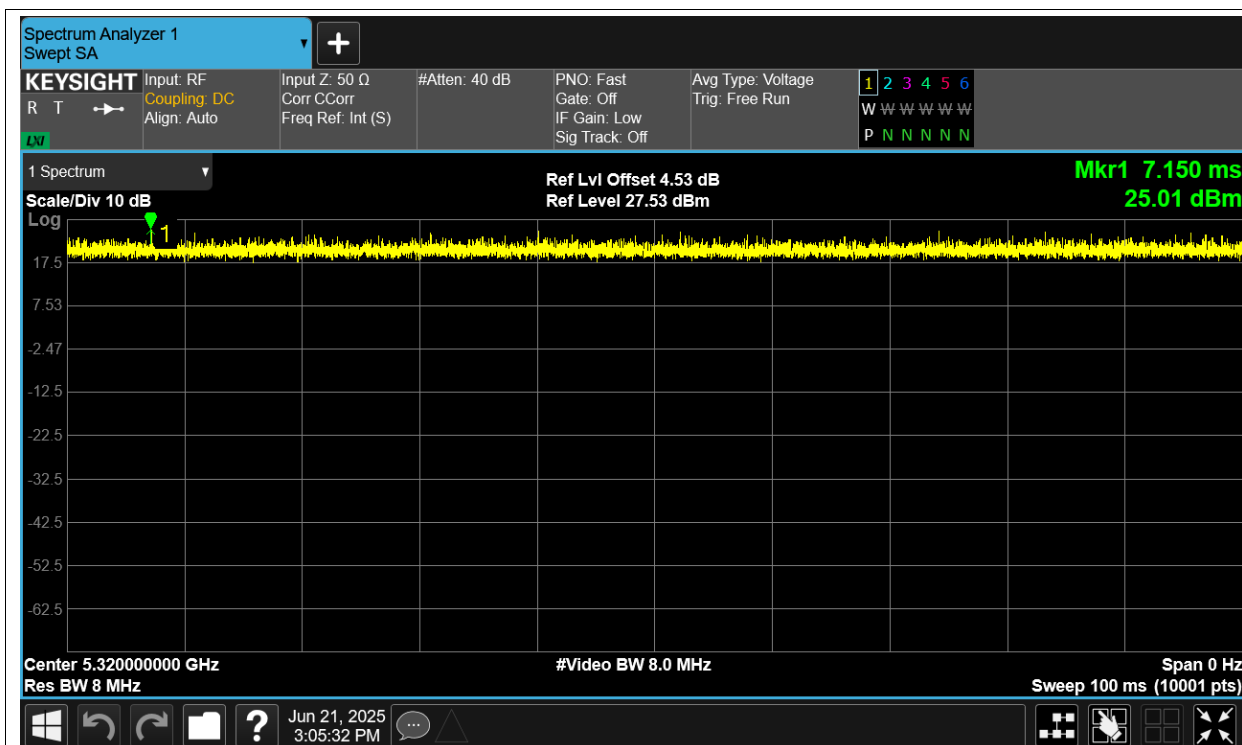
Freq. Stability NVNT n40 5270MHz Ant14



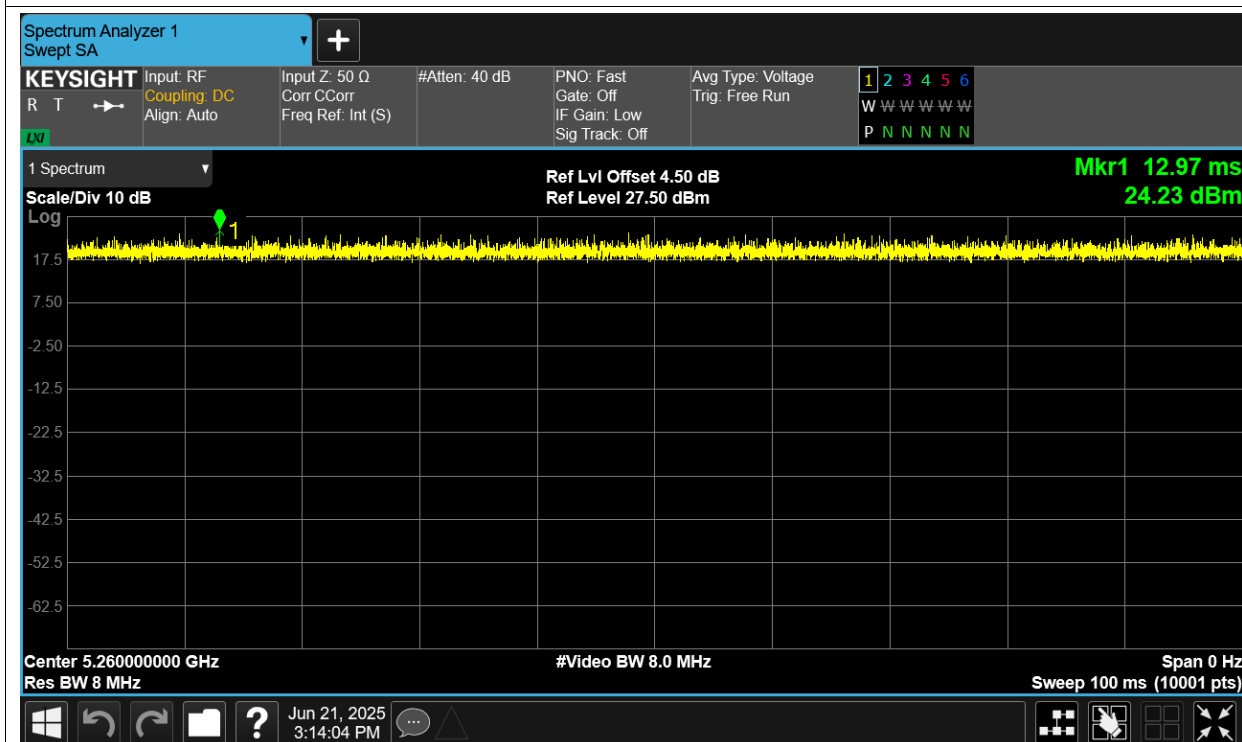
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant14	100	0
NVNT	a	5280	Ant14	100	0
NVNT	a	5320	Ant14	100	0
NVNT	ac20	5260	Ant14	100	0
NVNT	ac20	5280	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	5280	Ant14	100	0
NVNT	n20	5320	Ant14	100	0
NVNT	n40	5270	Ant14	100	0
NVNT	n40	5310	Ant14	100	0

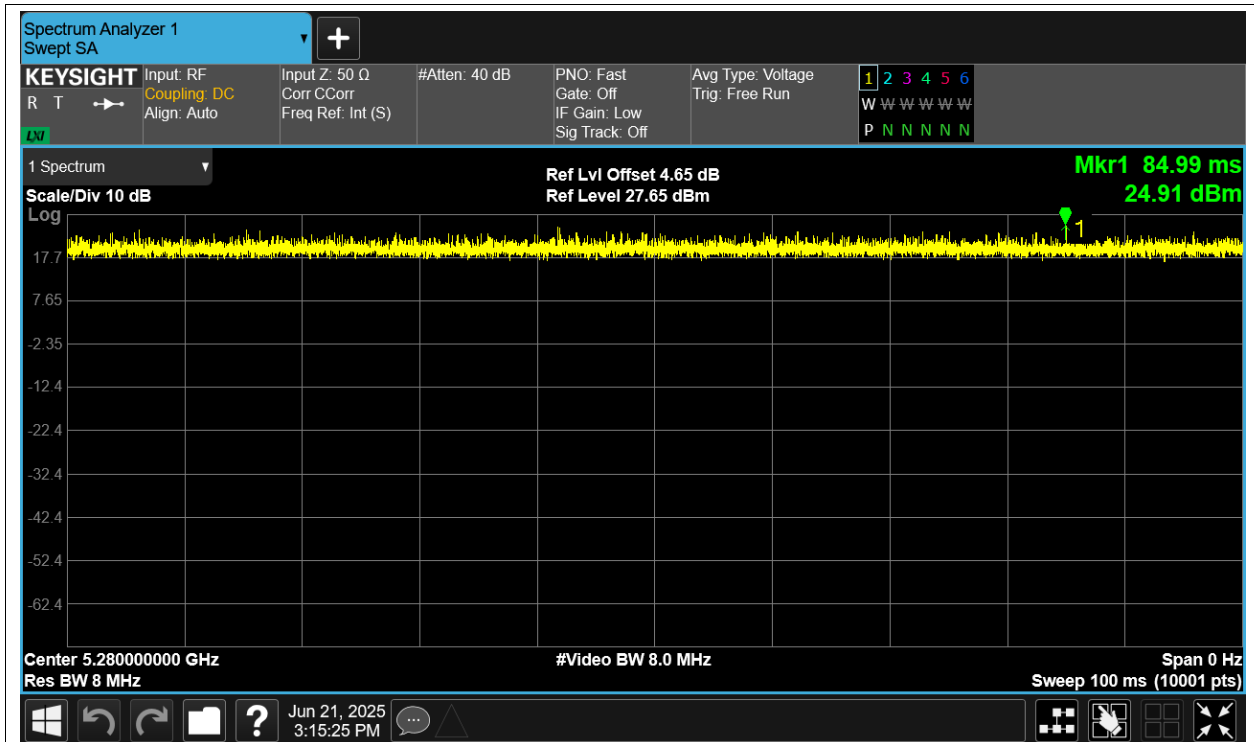




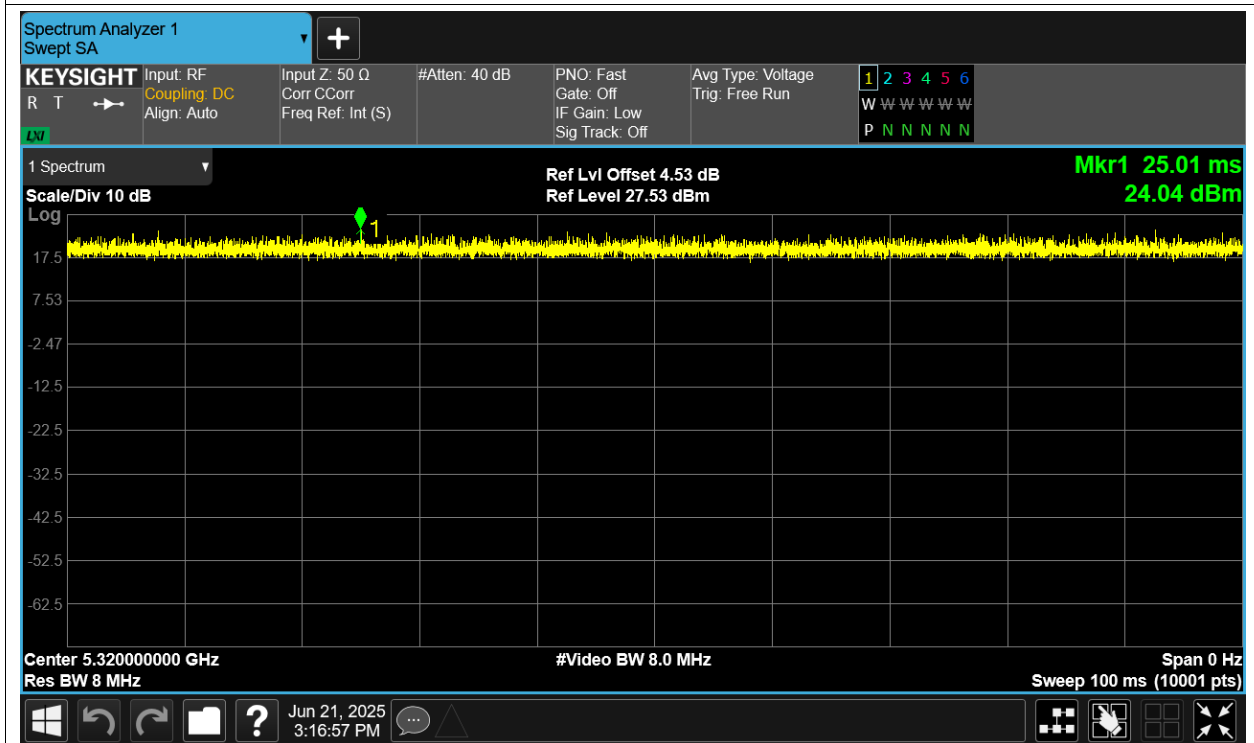
Duty Cycle NVNT ac20 5260MHz Ant14



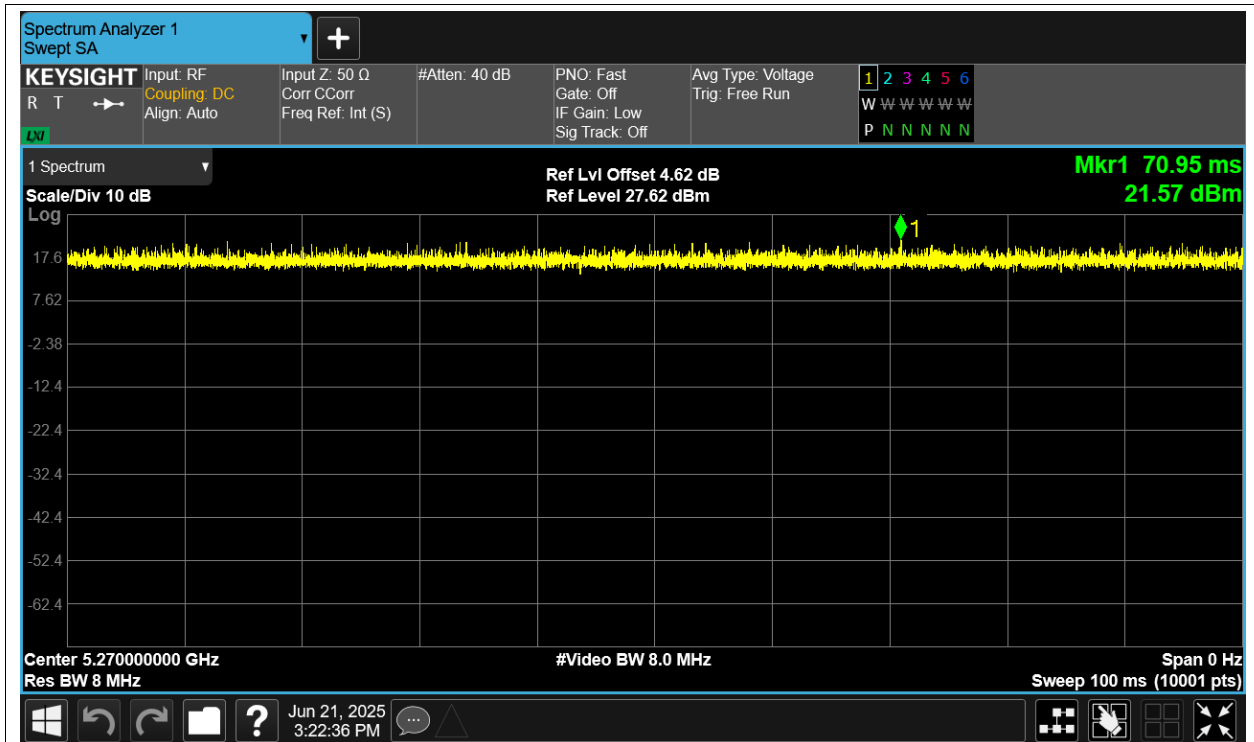
Duty Cycle NVNT ac20 5280MHz Ant14



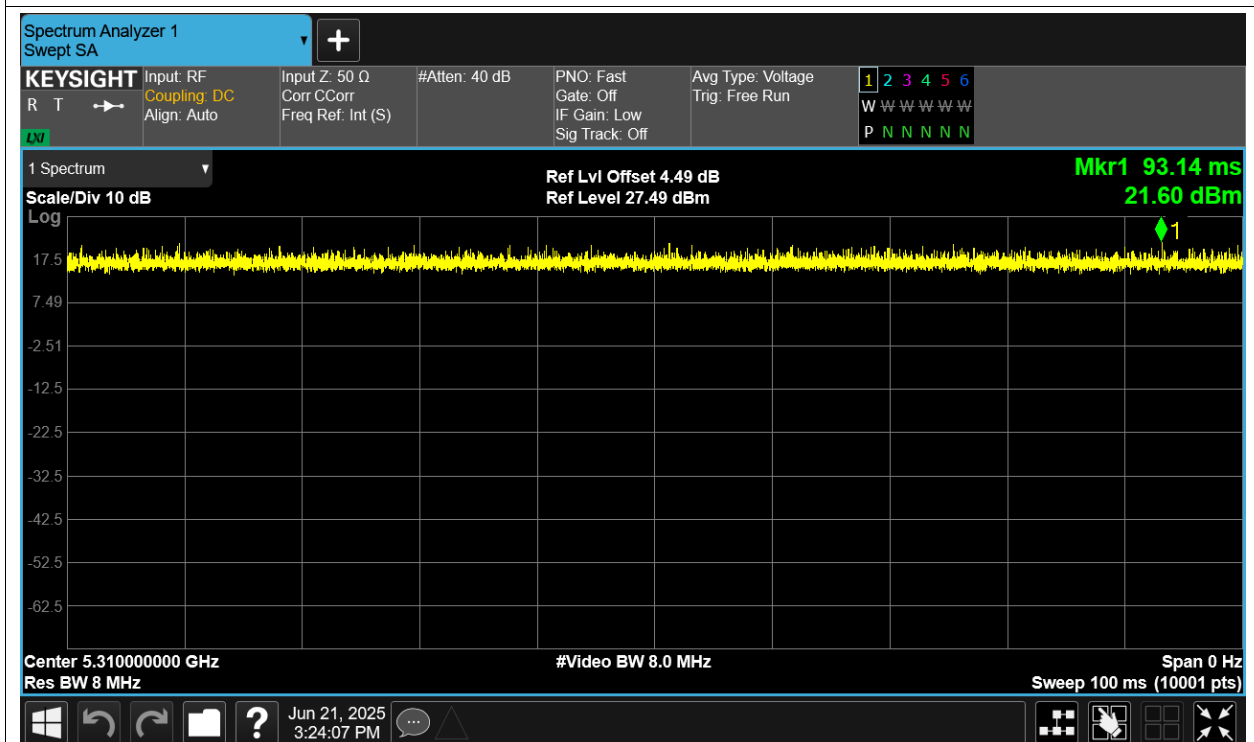
Duty Cycle NVNT ac20 5320MHz Ant14



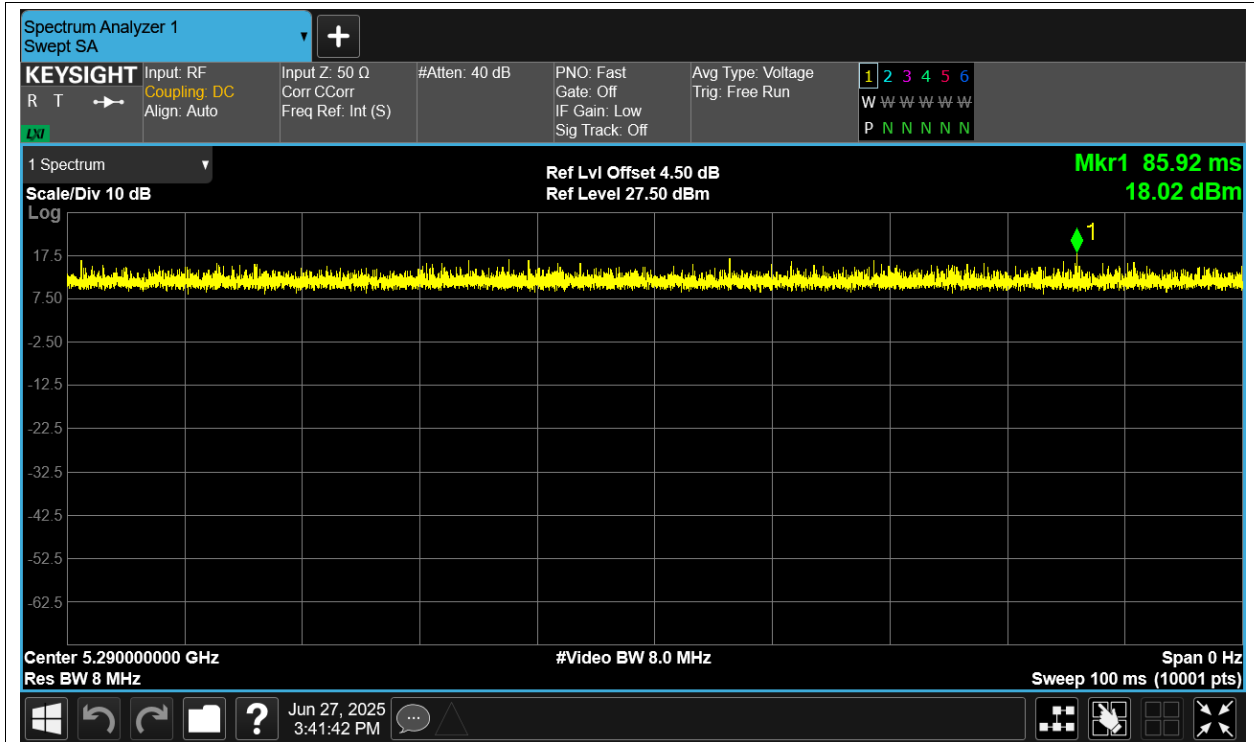
Duty Cycle NVNT ac40 5270MHz Ant14



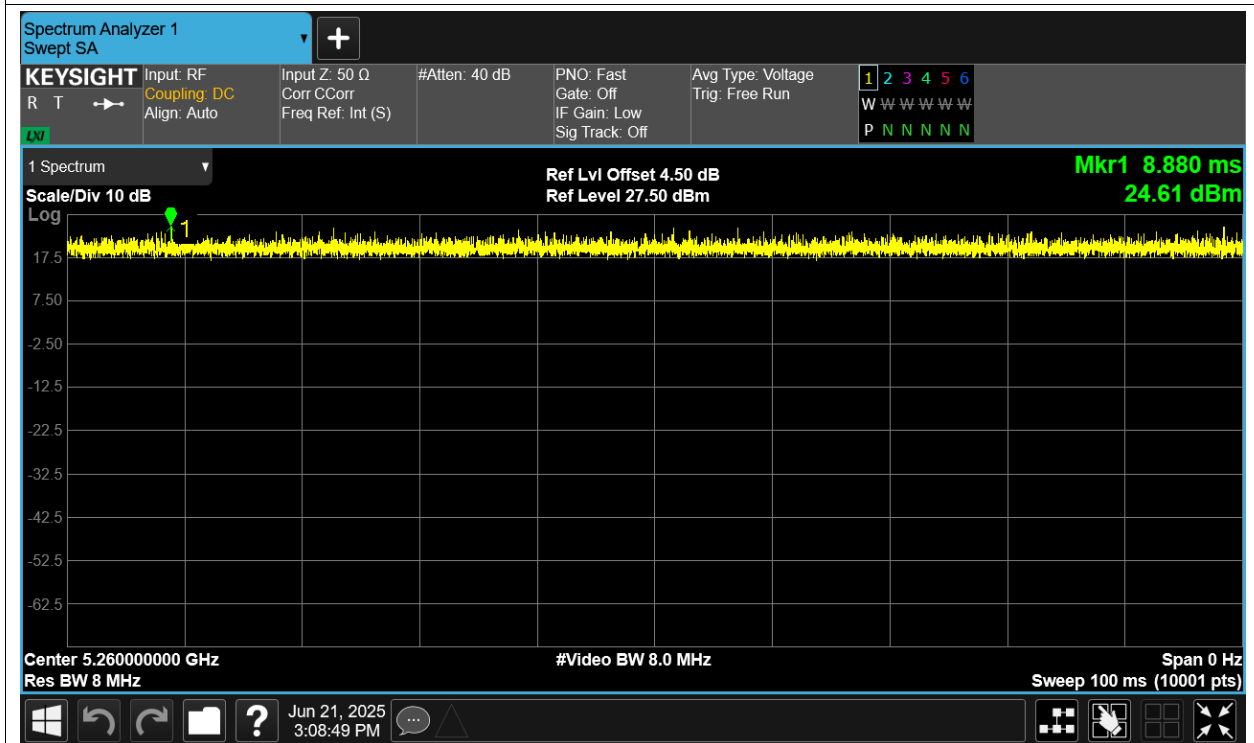
Duty Cycle NVNT ac40 5310MHz Ant14



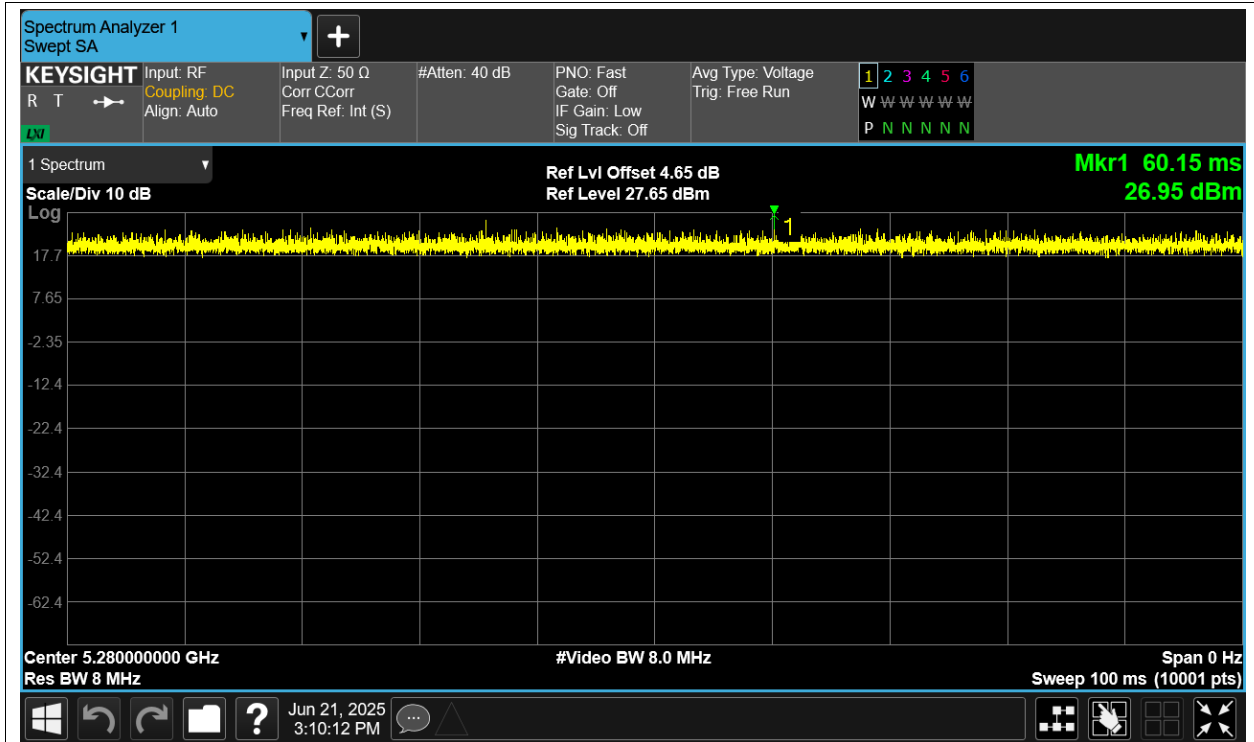
Duty Cycle NVNT ac80 5290MHz Ant14



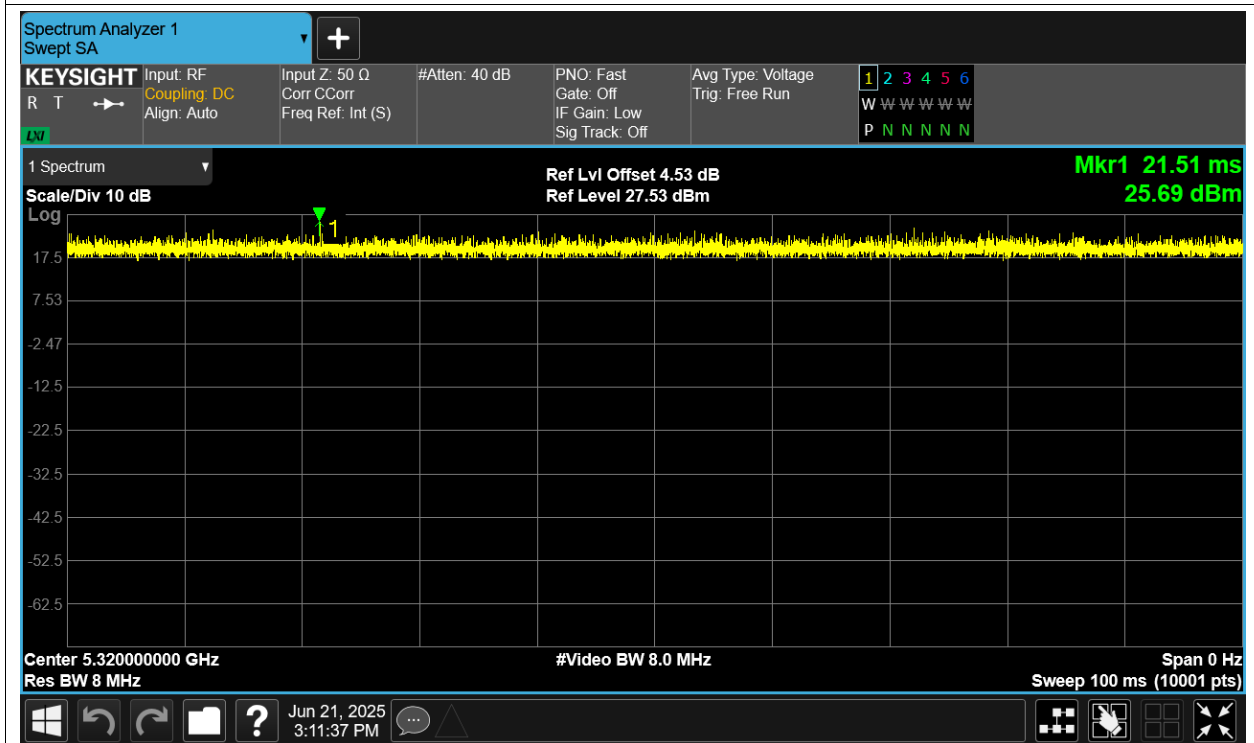
Duty Cycle NVNT n20 5260MHz Ant14



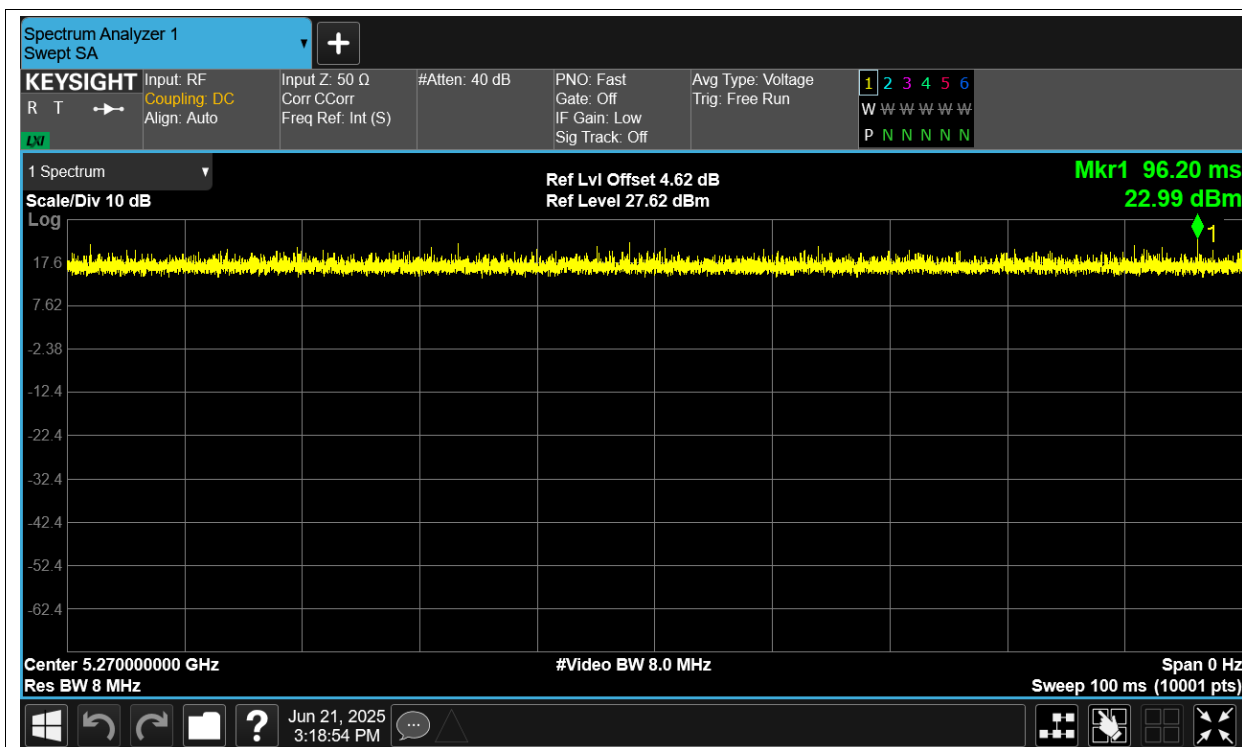
Duty Cycle NVNT n20 5280MHz Ant14



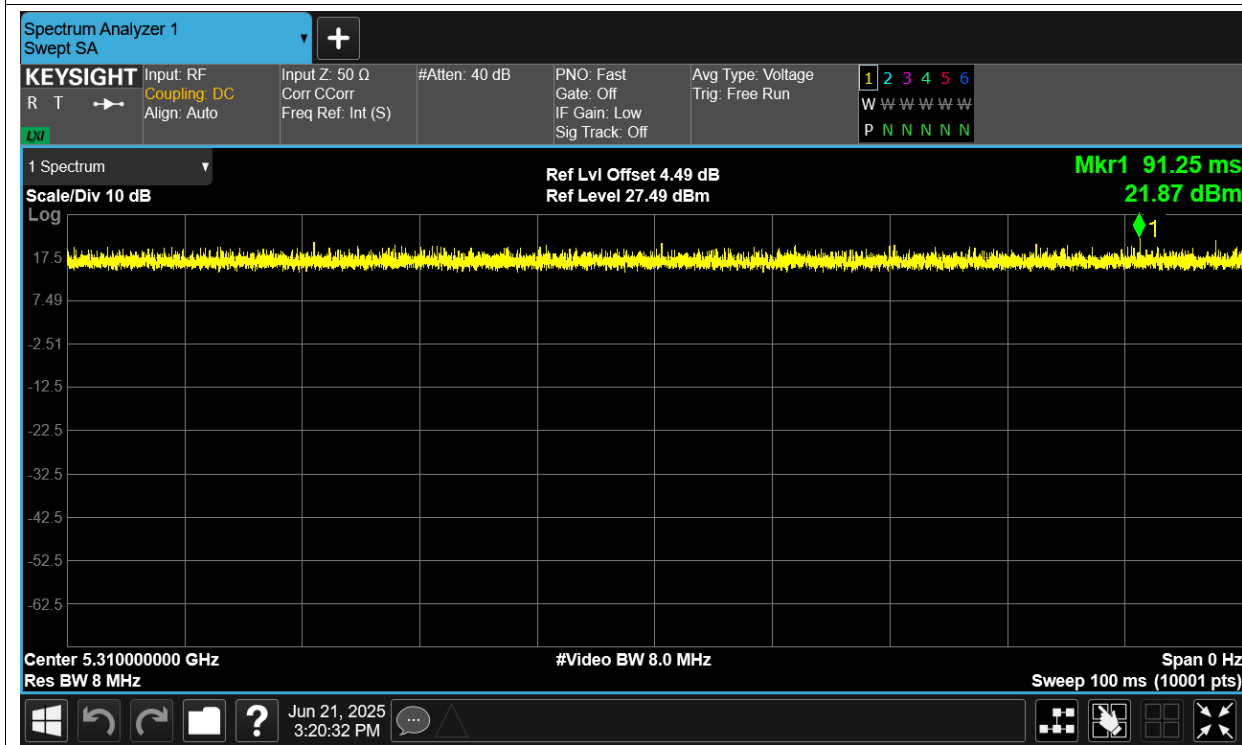
Duty Cycle NVNT n20 5320MHz Ant14



Duty Cycle NVNT n40 5270MHz Ant14



Duty Cycle NVNT n40 5310MHz Ant14



Maximum Conducted Output Power

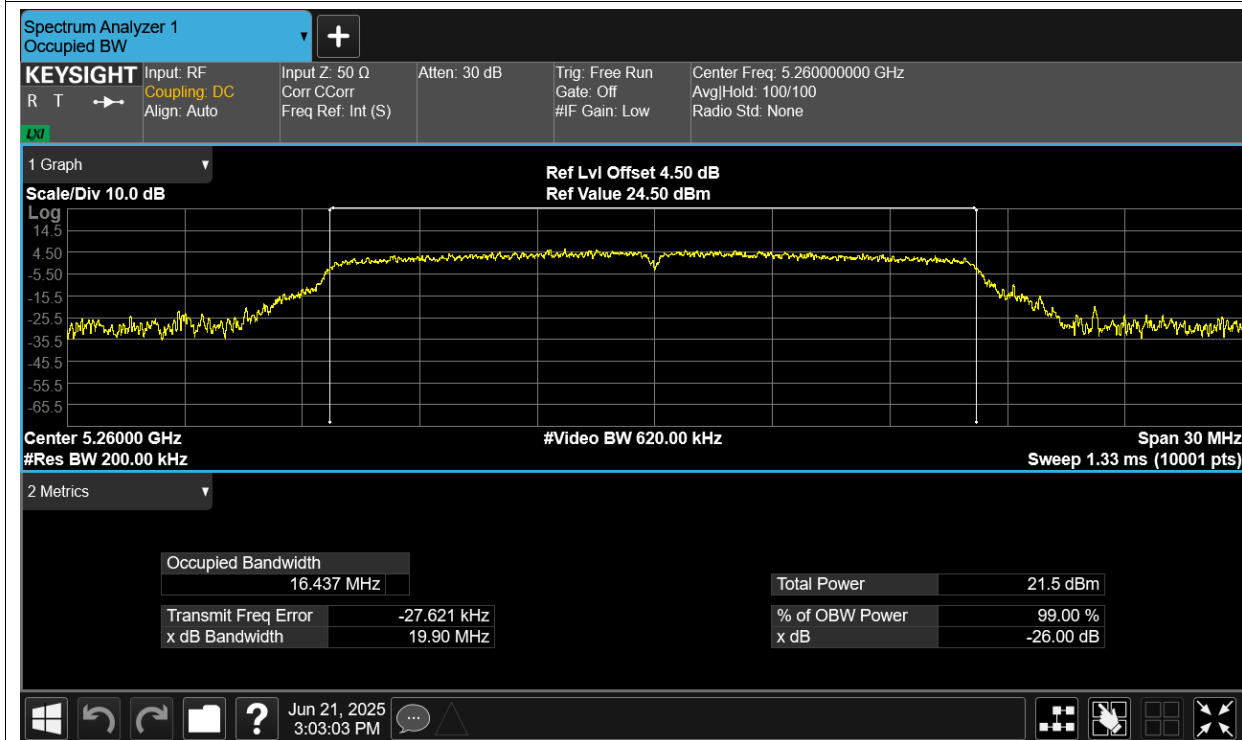
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant14	16	0	16	24	Pass
NVNT	a	5280	Ant14	15.52	0	15.52	24	Pass
NVNT	a	5320	Ant14	16.54	0	16.54	24	Pass
NVNT	ac20	5260	Ant14	14.99	0	14.99	24	Pass
NVNT	ac20	5280	Ant14	14.37	0	14.37	24	Pass
NVNT	ac20	5320	Ant14	15.62	0	15.62	24	Pass
NVNT	ac40	5270	Ant14	14.69	0	14.69	24	Pass
NVNT	ac40	5310	Ant14	15.48	0	15.48	24	Pass
NVNT	ac80	5290	Ant14	12.98	0	12.98	24	Pass
NVNT	n20	5260	Ant14	15.14	0	15.14	24	Pass
NVNT	n20	5280	Ant14	14.63	0	14.63	24	Pass
NVNT	n20	5320	Ant14	15.57	0	15.57	24	Pass
NVNT	n40	5270	Ant14	14.67	0	14.67	24	Pass
NVNT	n40	5310	Ant14	15.46	0	15.46	24	Pass

Occupied Channel Bandwidth

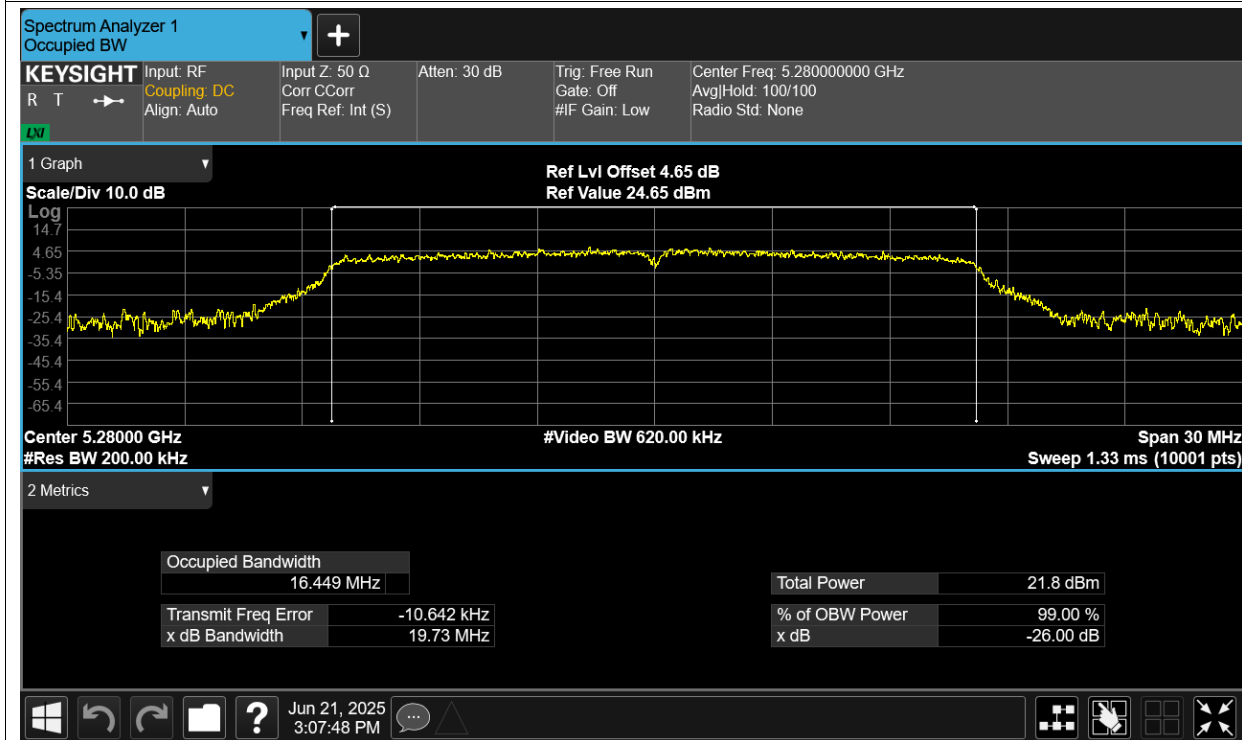
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant14	16.437
NVNT	a	5280	Ant14	16.449
NVNT	a	5320	Ant14	16.435
NVNT	ac20	5260	Ant14	17.537
NVNT	ac20	5280	Ant14	17.571
NVNT	ac20	5320	Ant14	17.546
NVNT	ac40	5270	Ant14	35.936
NVNT	ac40	5310	Ant14	35.963
NVNT	ac80	5290	Ant14	75.167
NVNT	n20	5260	Ant14	17.545
NVNT	n20	5280	Ant14	17.588
NVNT	n20	5320	Ant14	17.54
NVNT	n40	5270	Ant14	35.95
NVNT	n40	5310	Ant14	35.94

Test Graphs

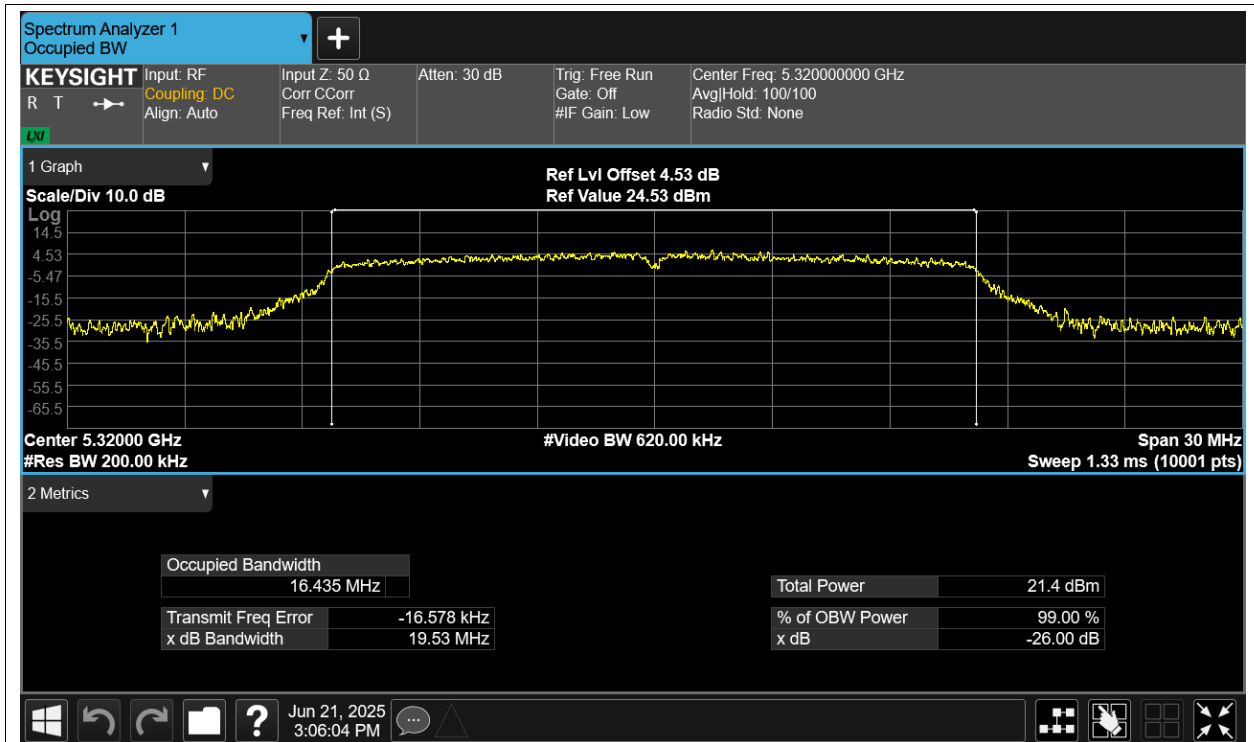
OBW NVNT a 5260MHz Ant14



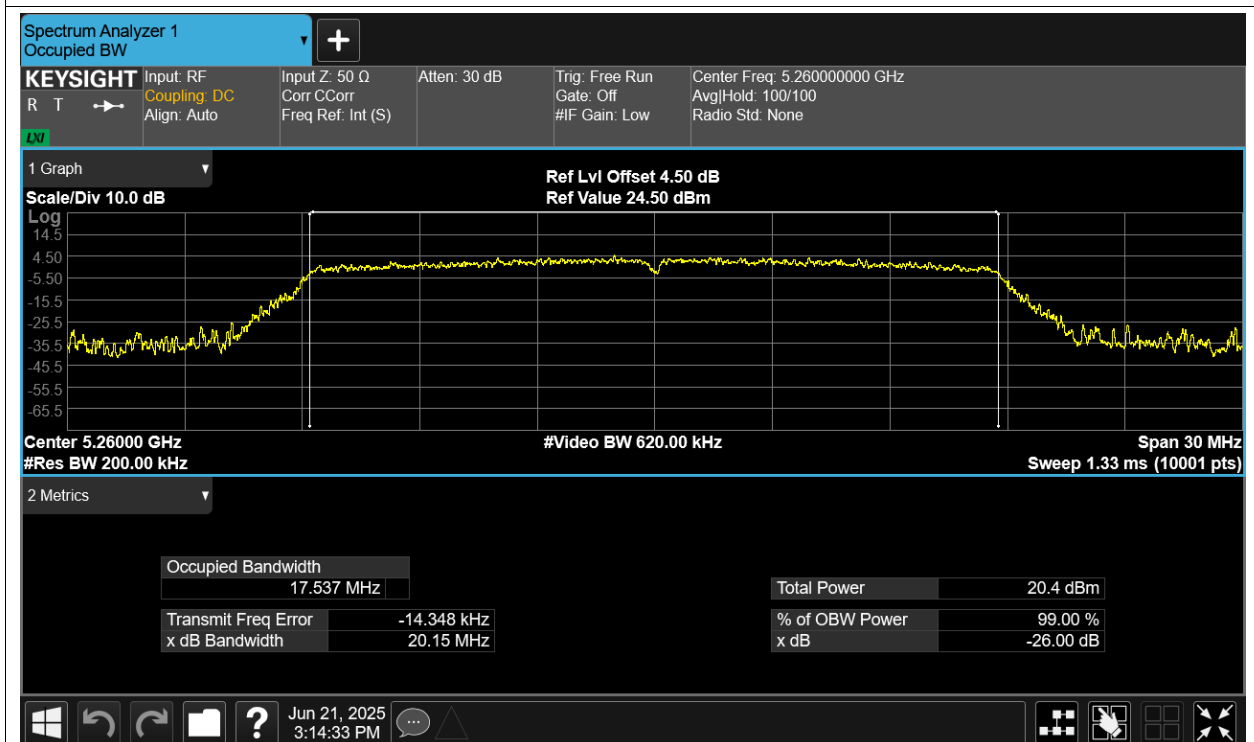
OBW NVNT a 5280MHz Ant14



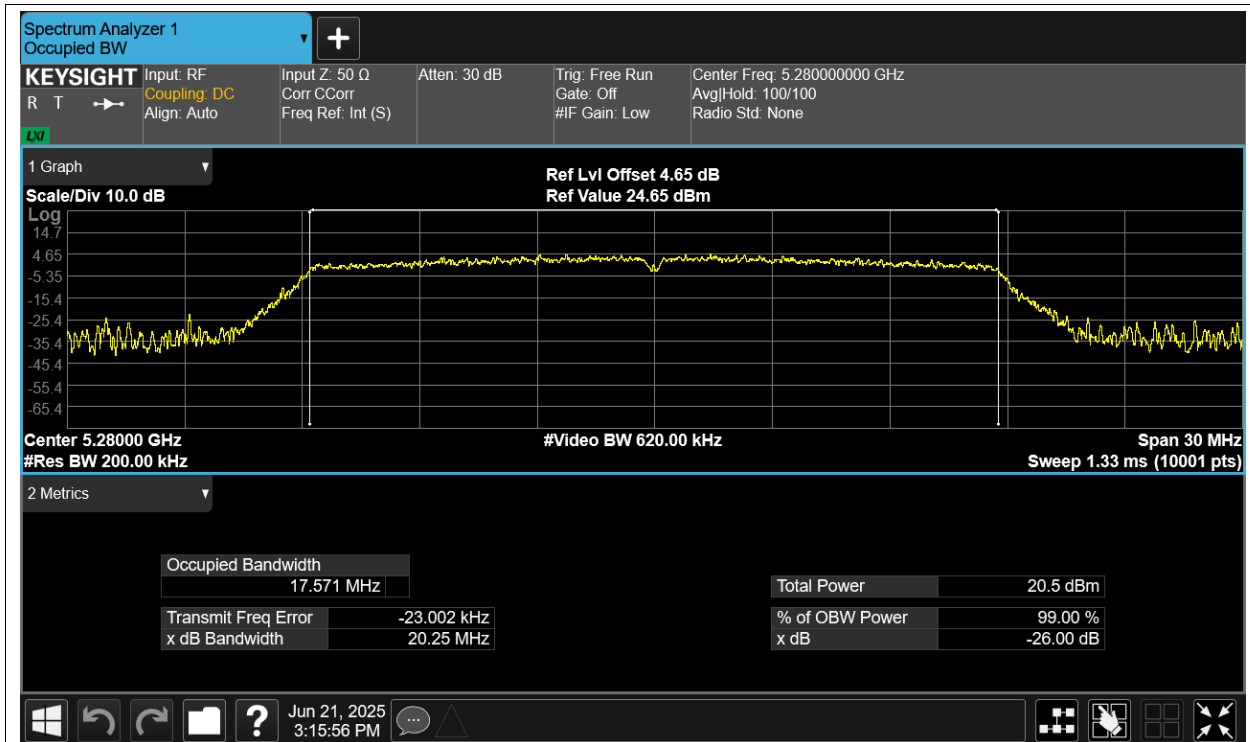
OBW NVNT a 5320MHz Ant14



OBW NVNT ac20 5260MHz Ant14



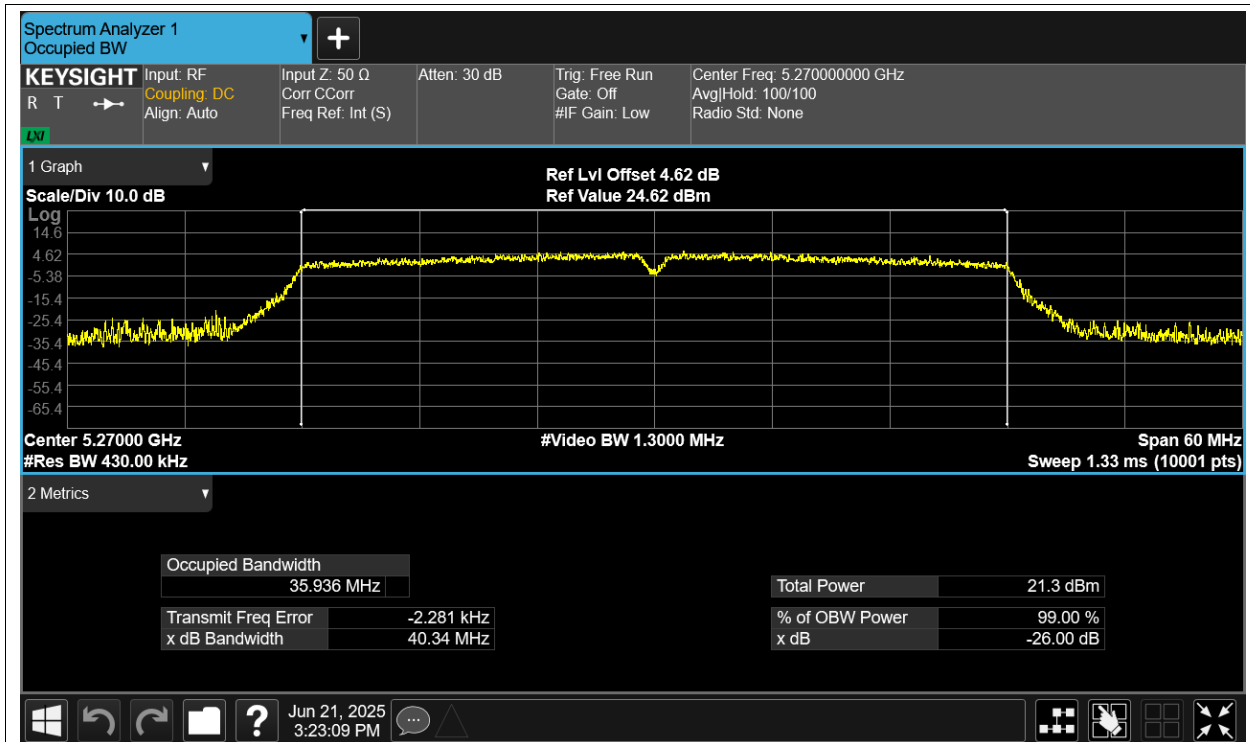
OBW NVNT ac20 5280MHz Ant14



OBW NVNT ac20 5320MHz Ant14



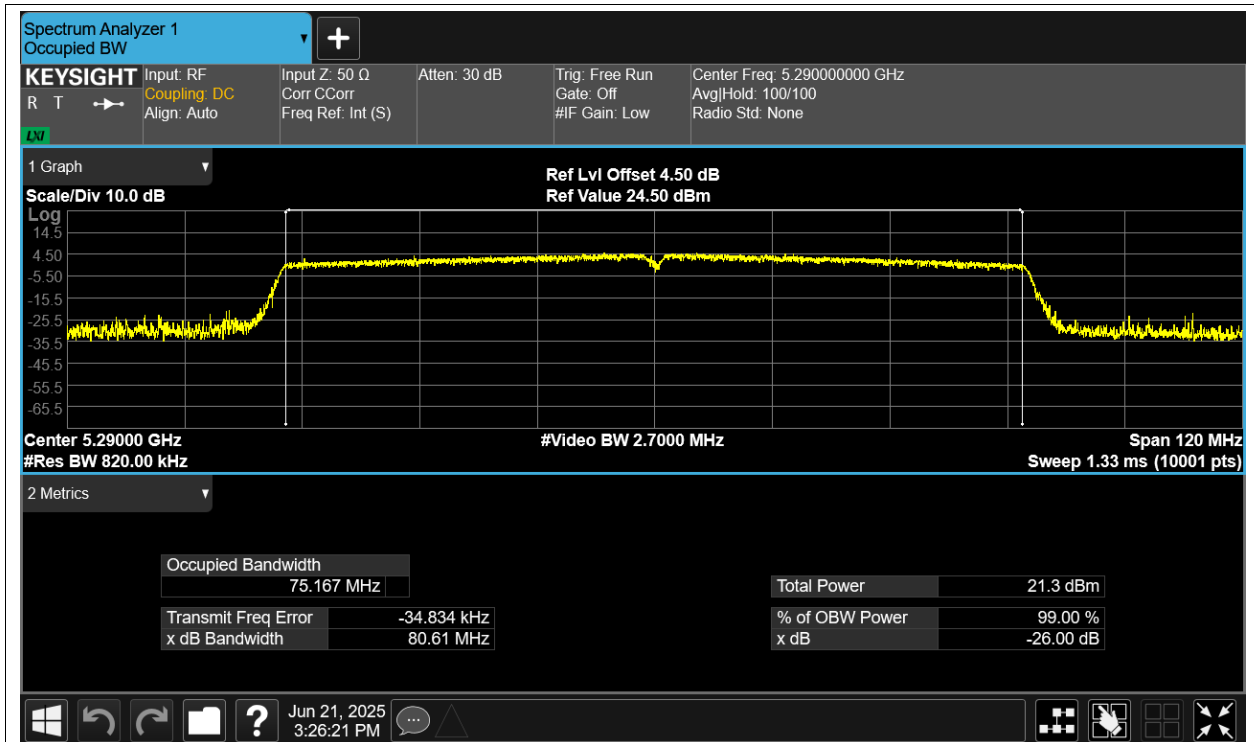
OBW NVNT ac40 5270MHz Ant14



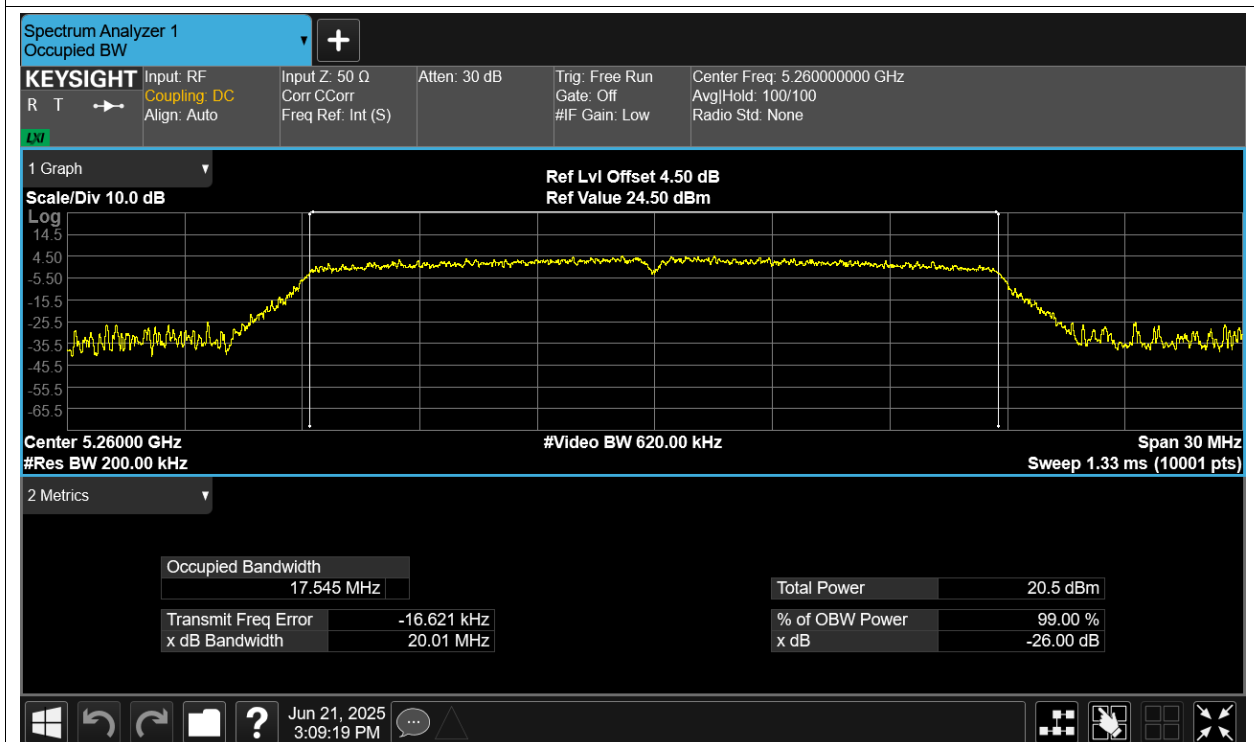
OBW NVNT ac40 5310MHz Ant14



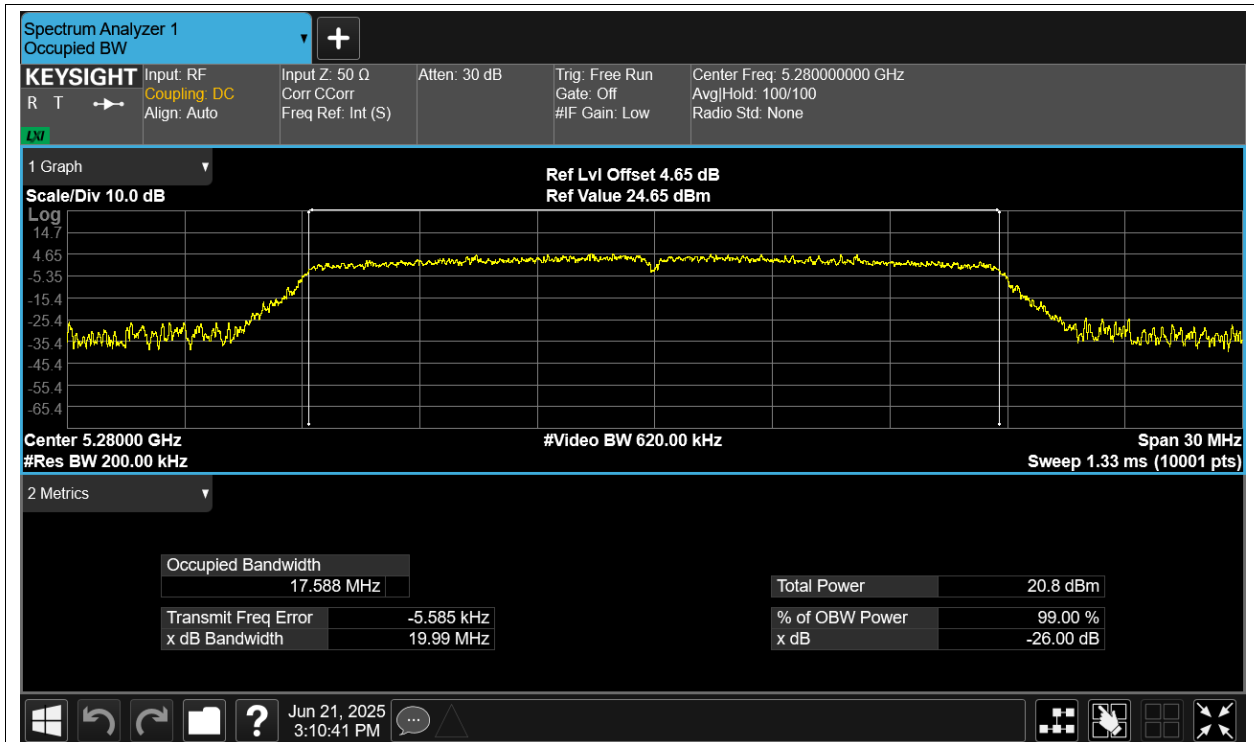
OBW NVNT ac80 5290MHz Ant14



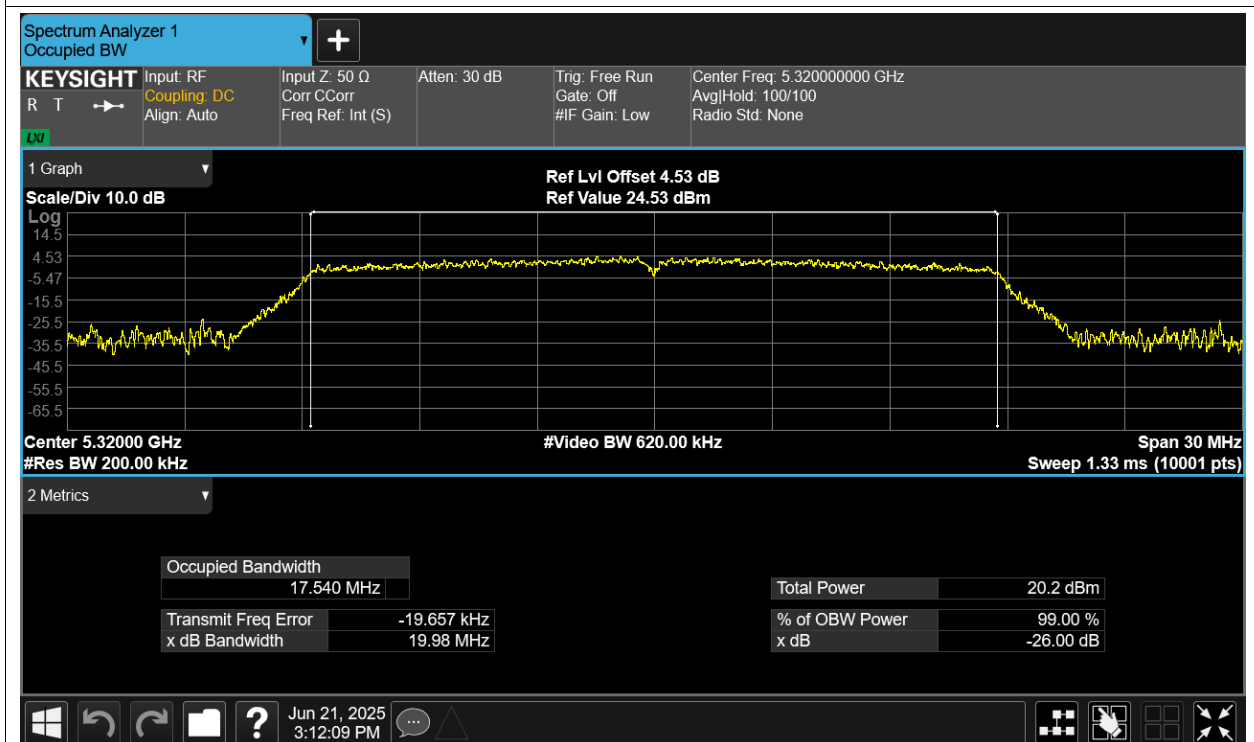
OBW NVNT n20 5260MHz Ant14



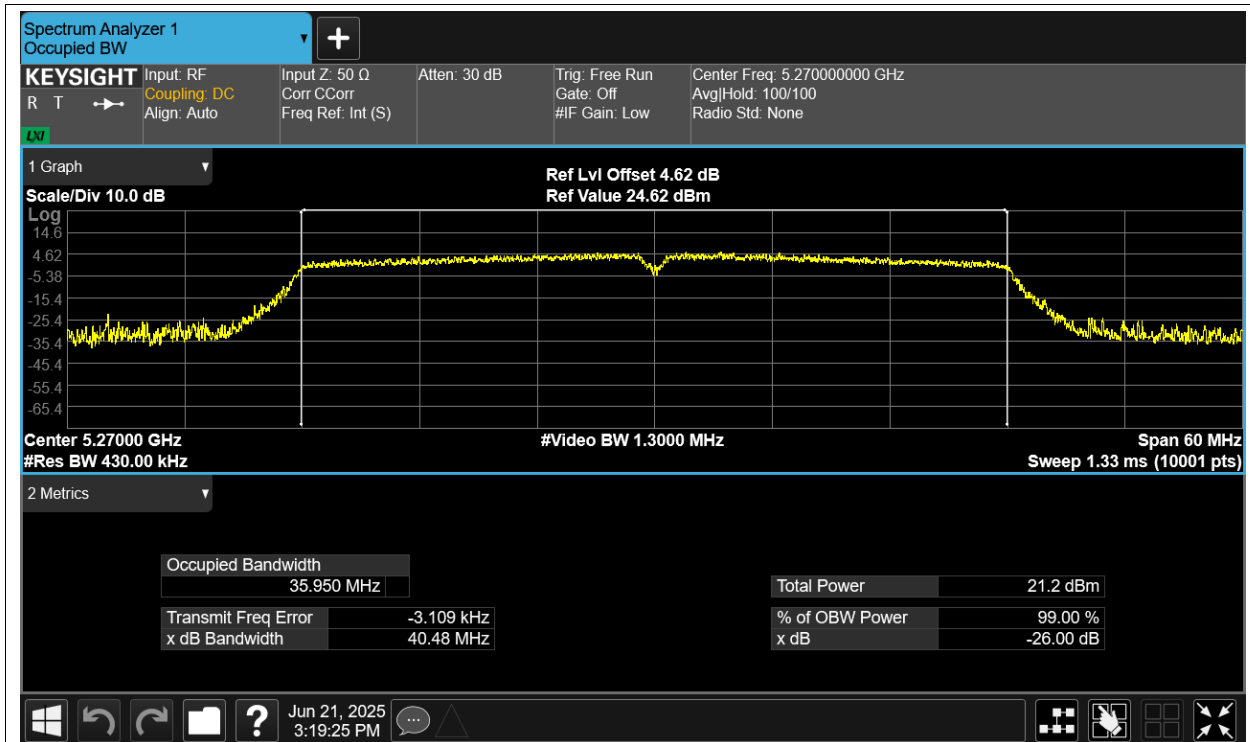
OBW NVNT n20 5280MHz Ant14



OBW NVNT n20 5320MHz Ant14



OBW NVNT n40 5270MHz Ant14



OBW NVNT n40 5310MHz Ant14

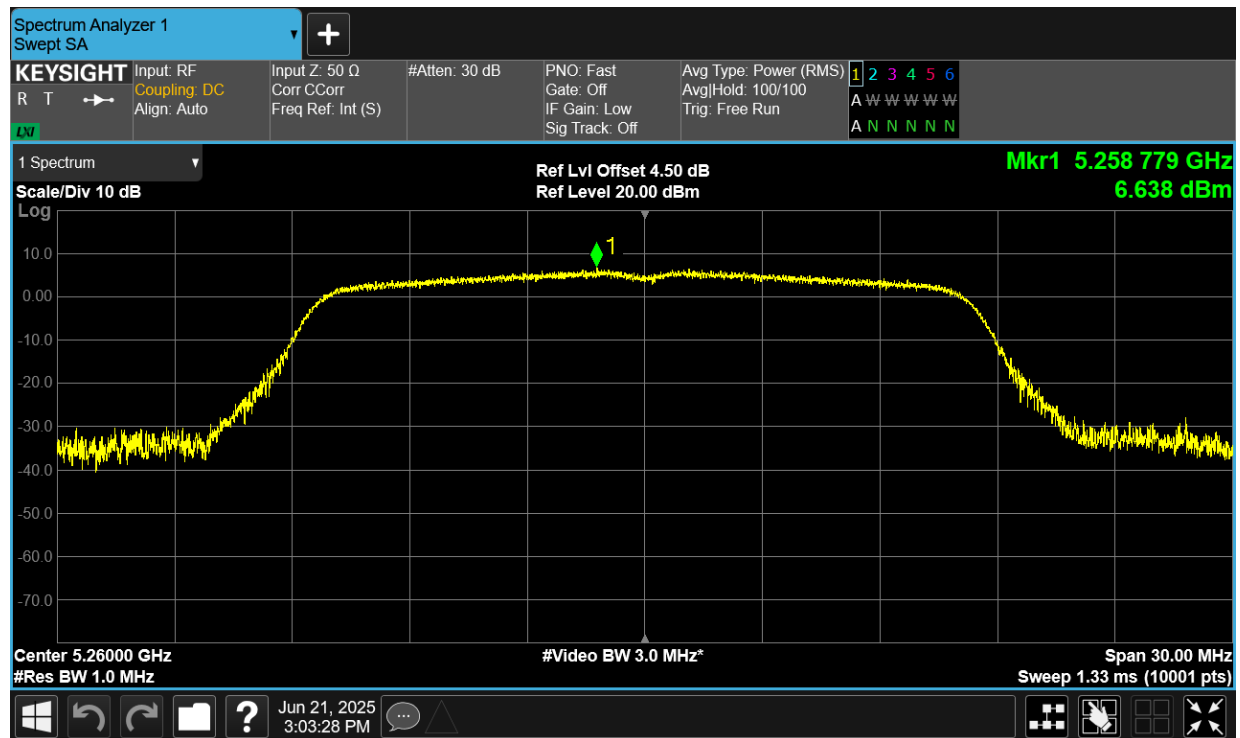


Maximum Power Spectral Density Level

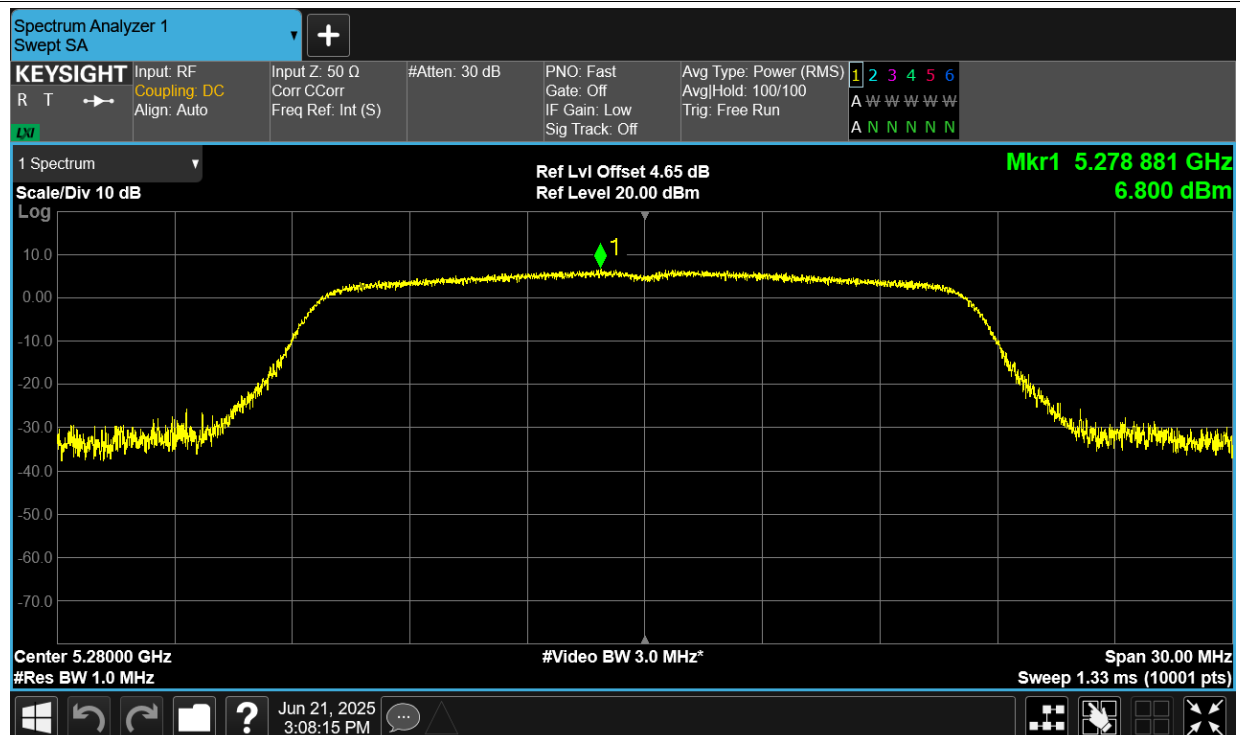
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant14	6.638	11	Pass
NVNT	a	5280	Ant14	6.8	11	Pass
NVNT	a	5320	Ant14	6.21	11	Pass
NVNT	ac20	5260	Ant14	4.821	11	Pass
NVNT	ac20	5280	Ant14	5.286	11	Pass
NVNT	ac20	5320	Ant14	4.951	11	Pass
NVNT	ac40	5270	Ant14	3.3	11	Pass
NVNT	ac40	5310	Ant14	2.655	11	Pass
NVNT	ac80	5290	Ant14	-2.203	11	Pass
NVNT	n20	5260	Ant14	5.765	11	Pass
NVNT	n20	5280	Ant14	5.439	11	Pass
NVNT	n20	5320	Ant14	4.92	11	Pass
NVNT	n40	5270	Ant14	2.664	11	Pass
NVNT	n40	5310	Ant14	2.624	11	Pass

Test Graphs

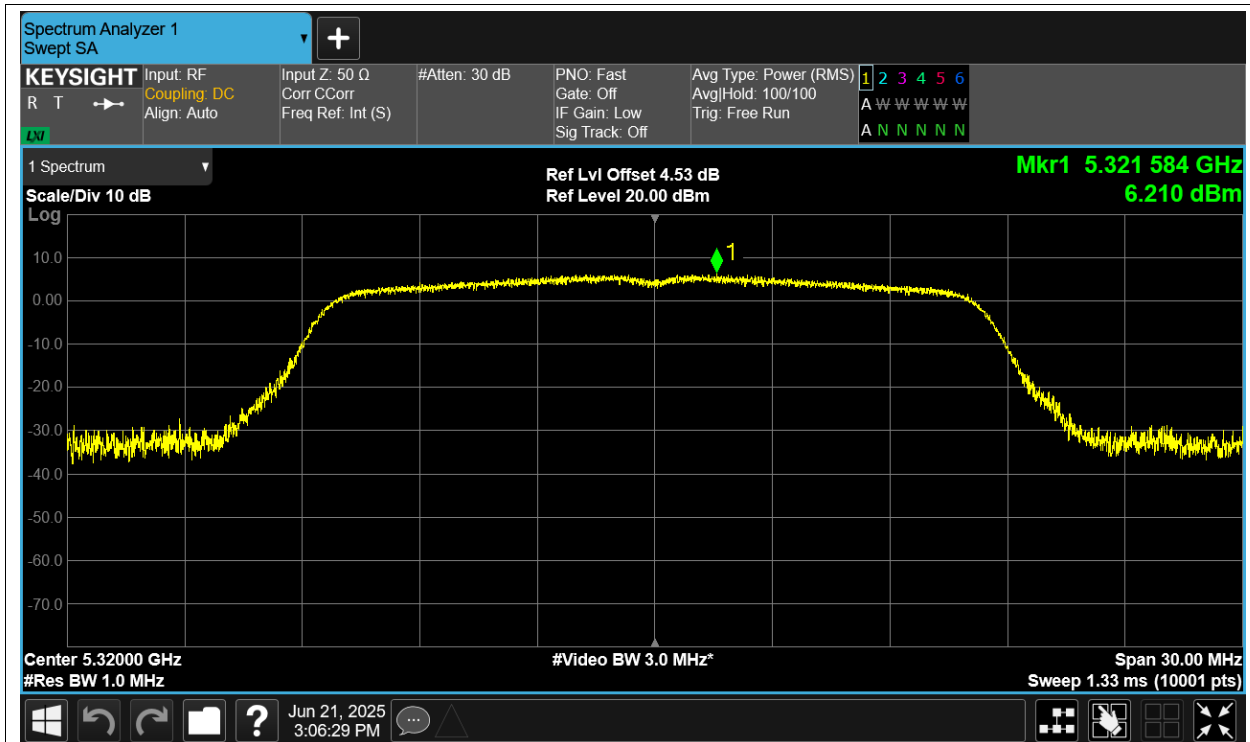
PSD NVNT a 5260MHz Ant14



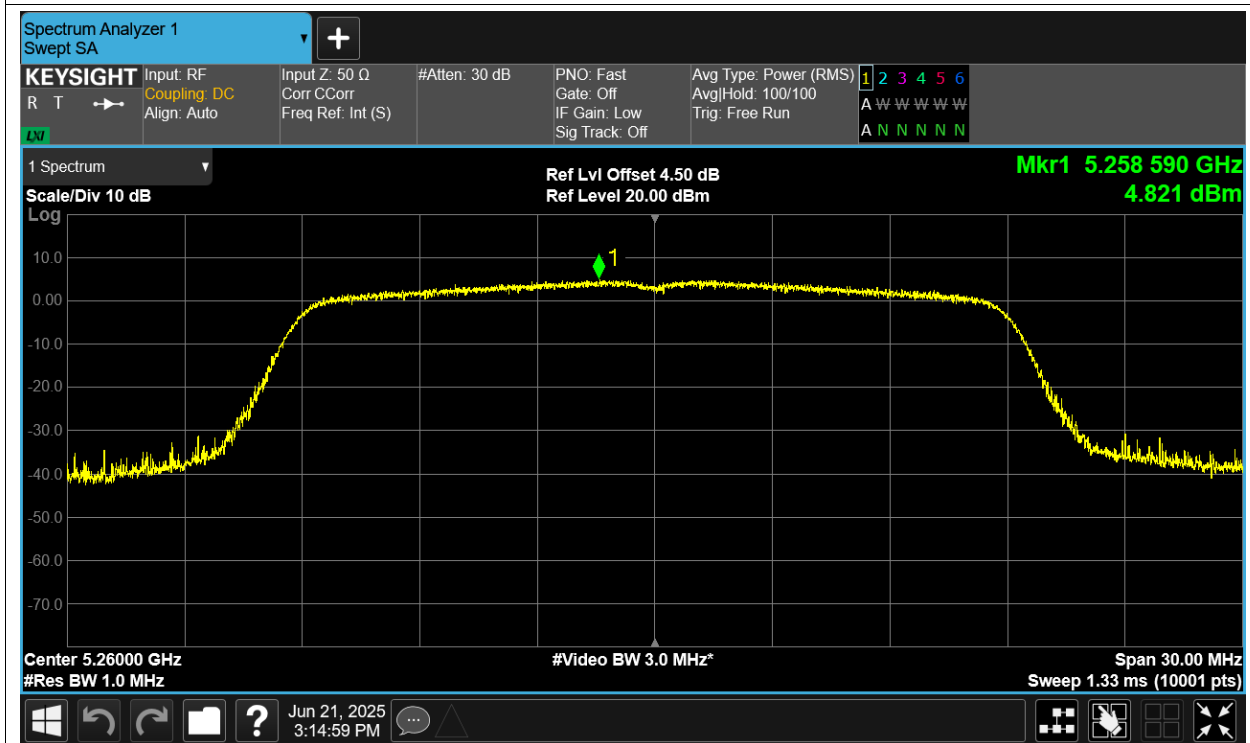
PSD NVNT a 5280MHz Ant14



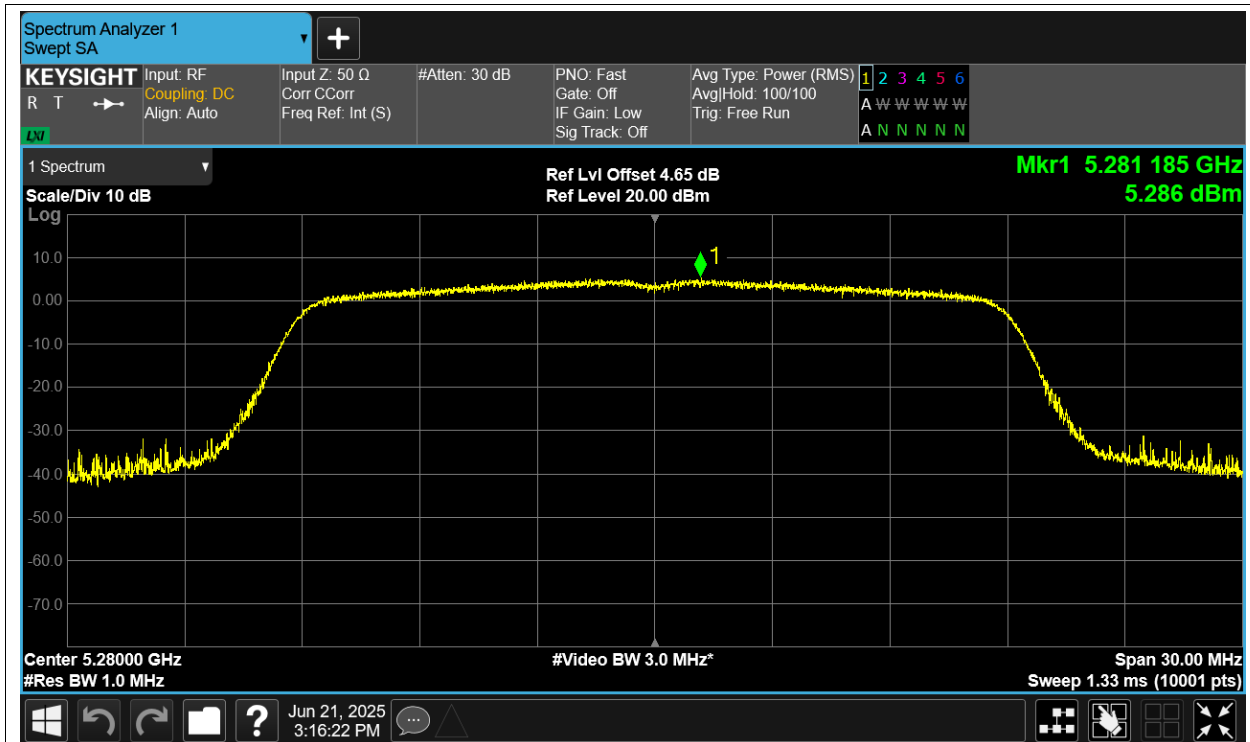
PSD NVNT a 5320MHz Ant14



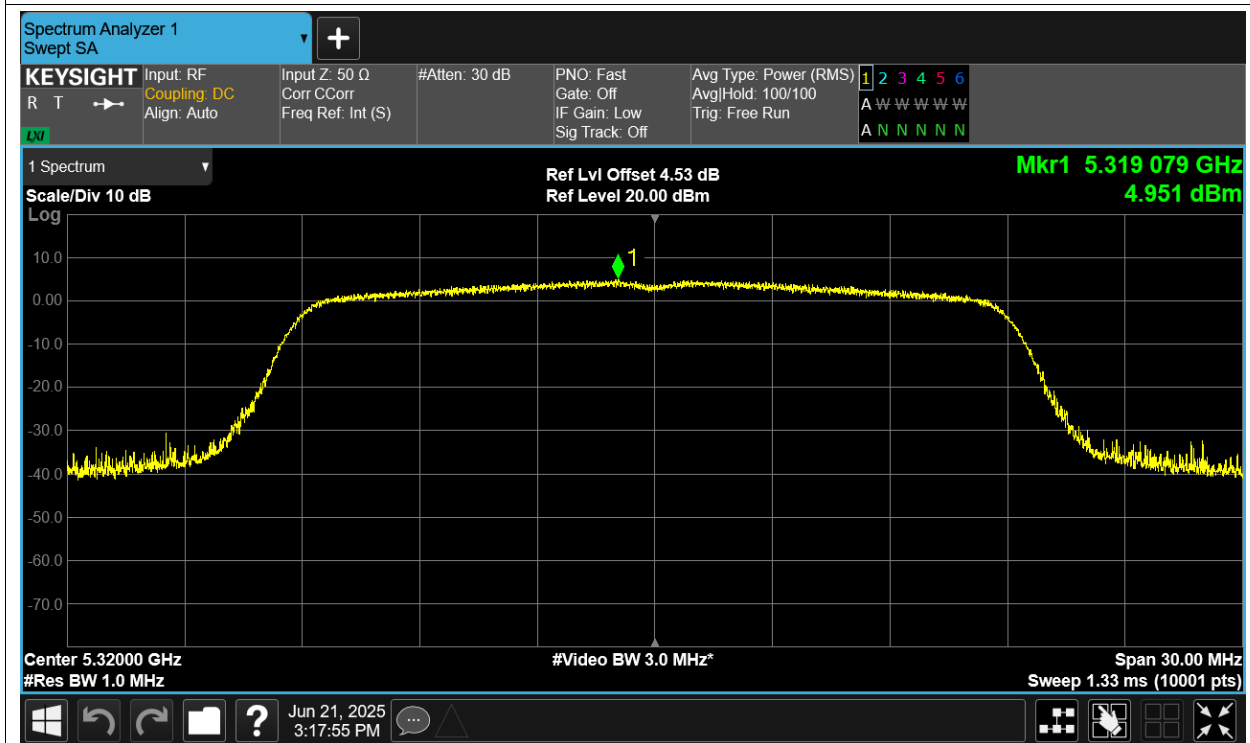
PSD NVNT ac20 5260MHz Ant14



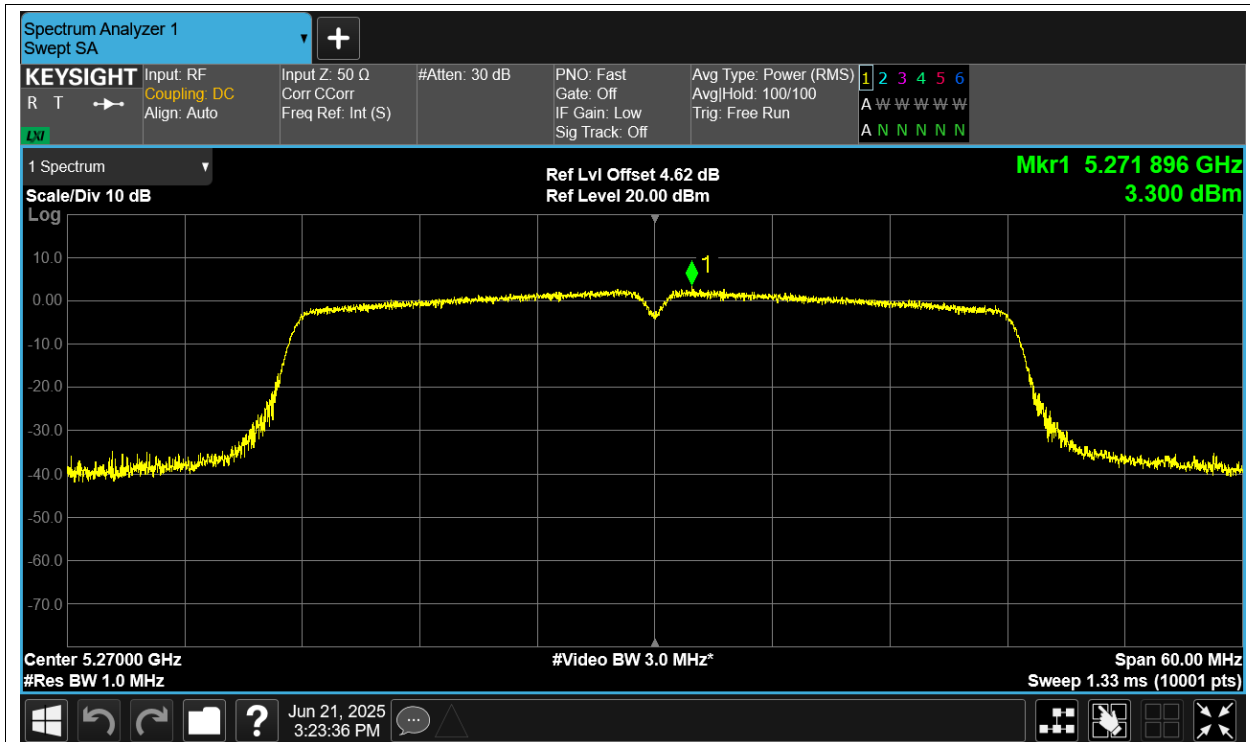
PSD NVNT ac20 5280MHz Ant14



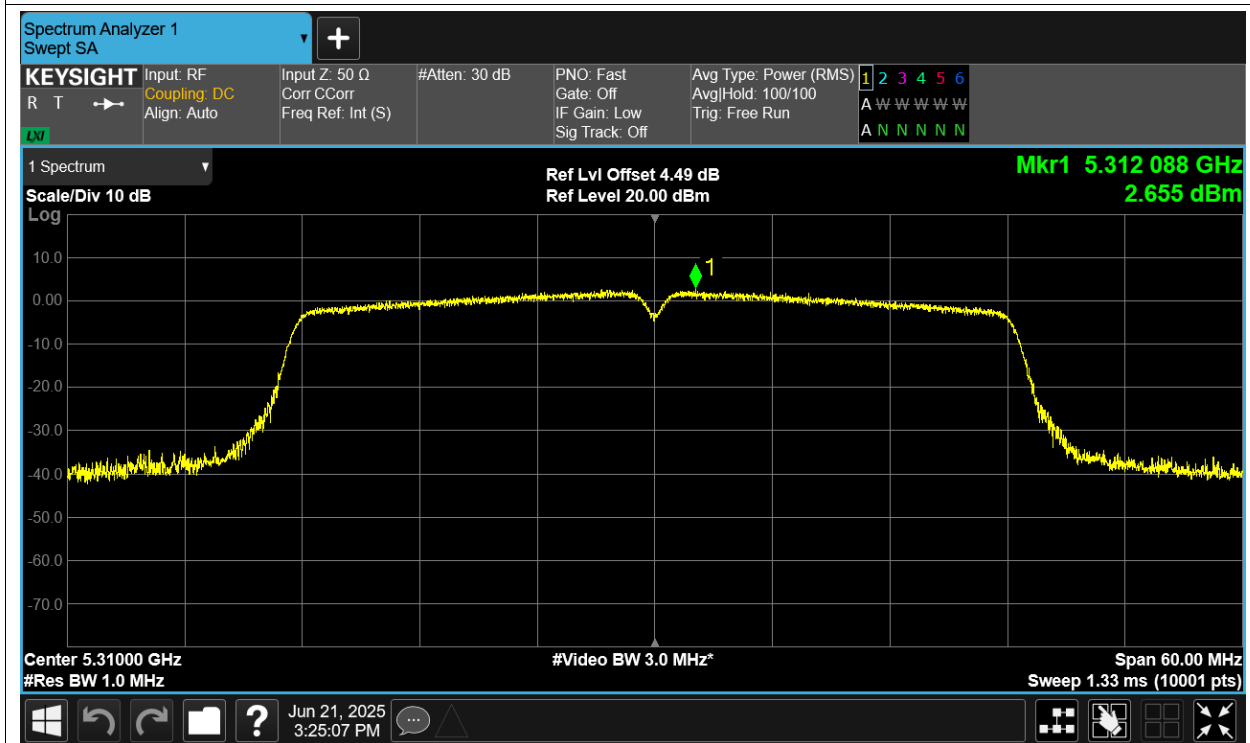
PSD NVNT ac20 5320MHz Ant14



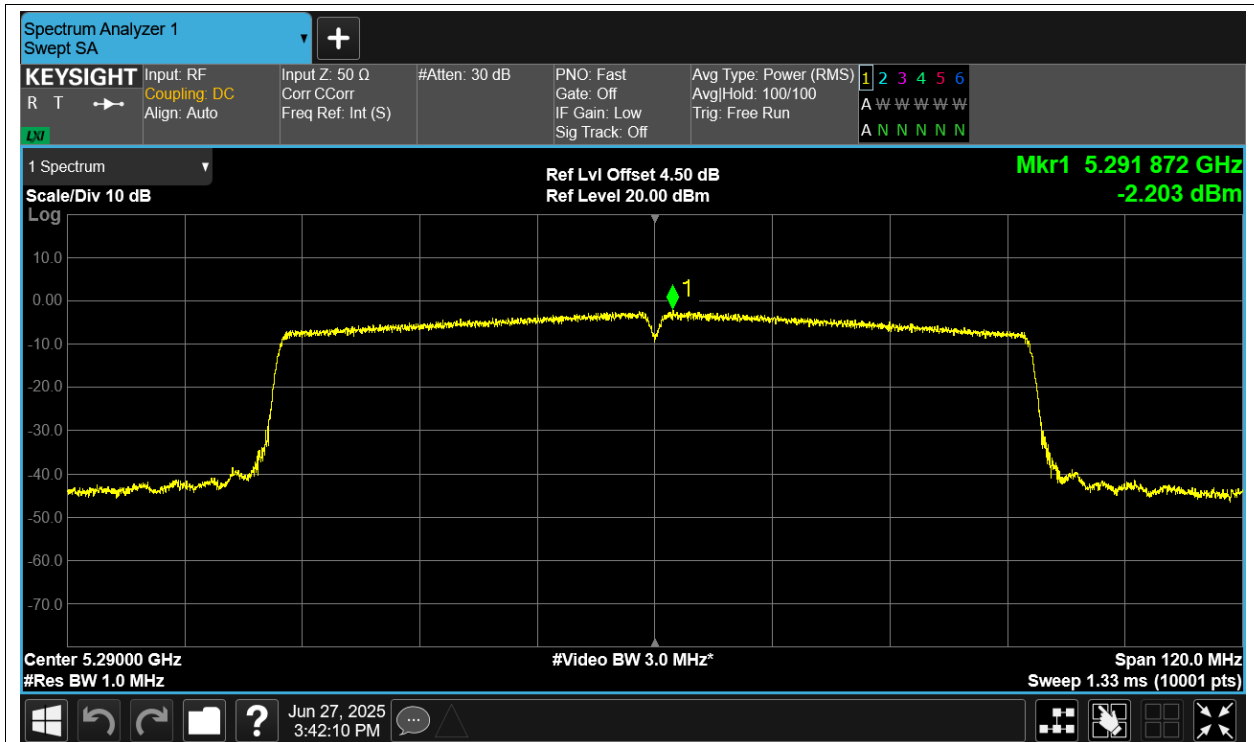
PSD NVNT ac40 5270MHz Ant14



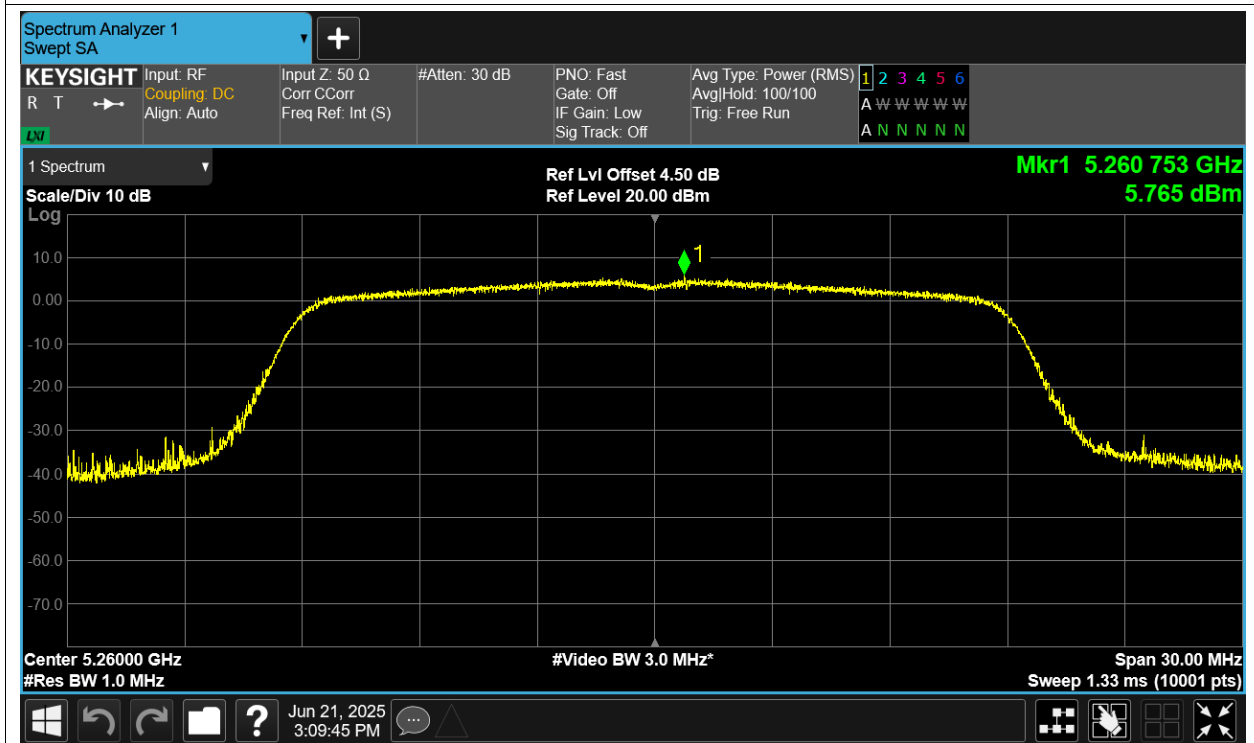
PSD NVNT ac40 5310MHz Ant14



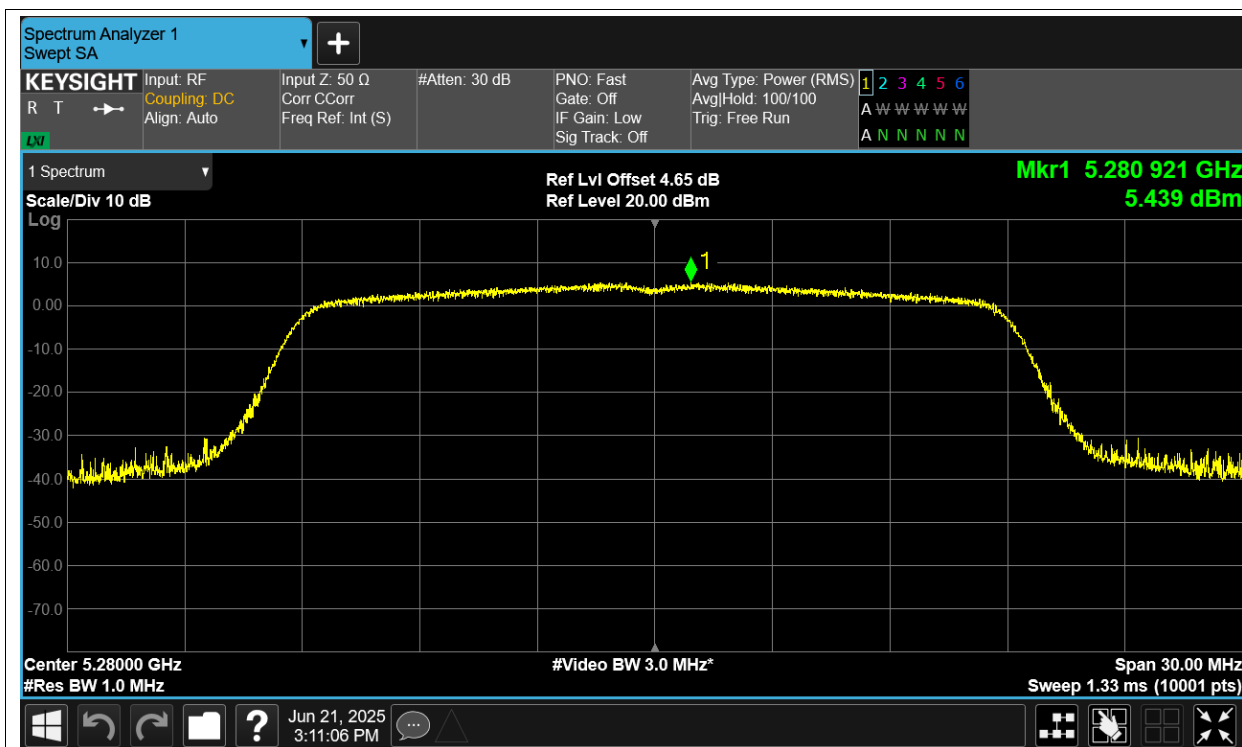
PSD NVNT ac80 5290MHz Ant14



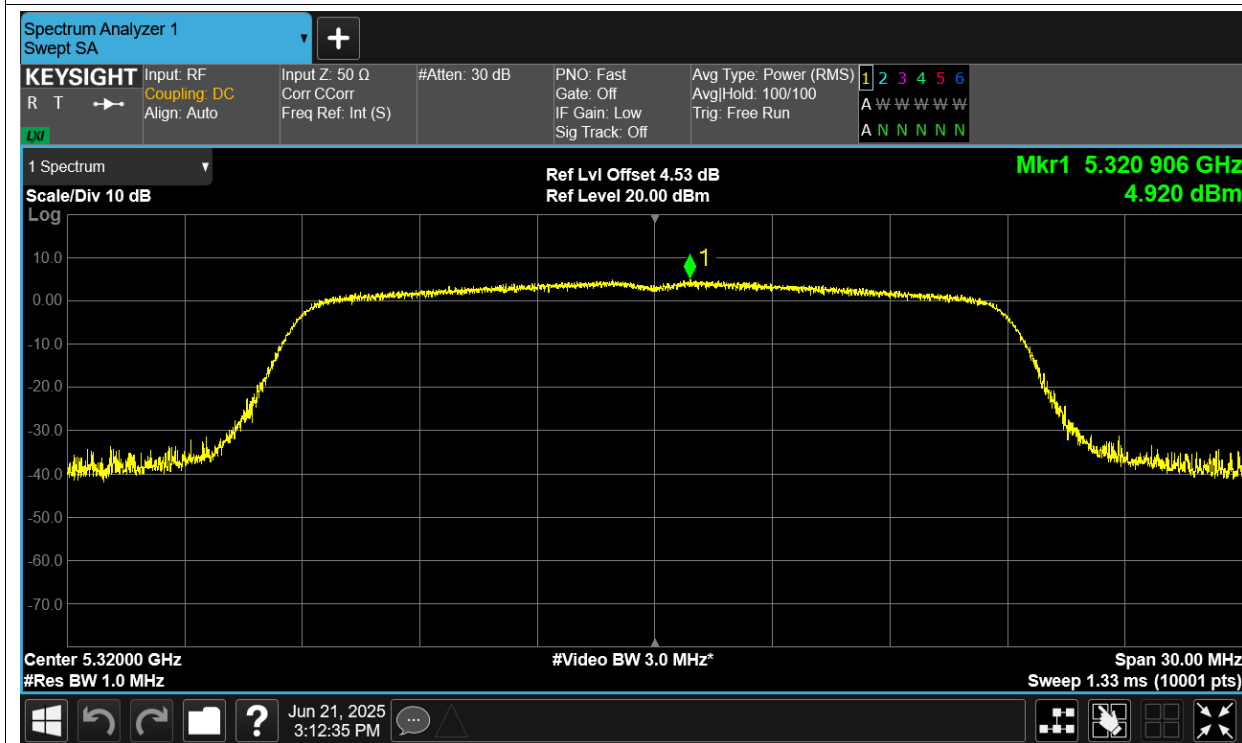
PSD NVNT n20 5260MHz Ant14



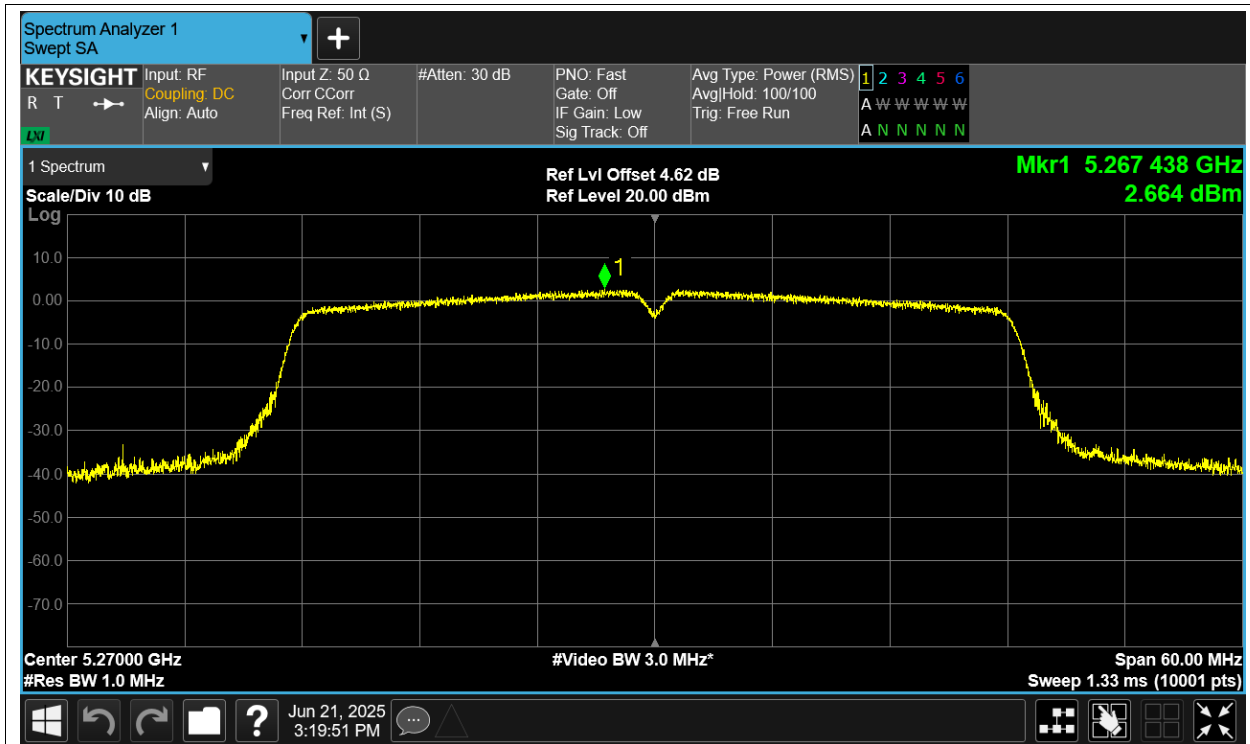
PSD NVNT n20 5280MHz Ant14



PSD NVNT n20 5320MHz Ant14



PSD NVNT n40 5270MHz Ant14



PSD NVNT n40 5310MHz Ant14

