

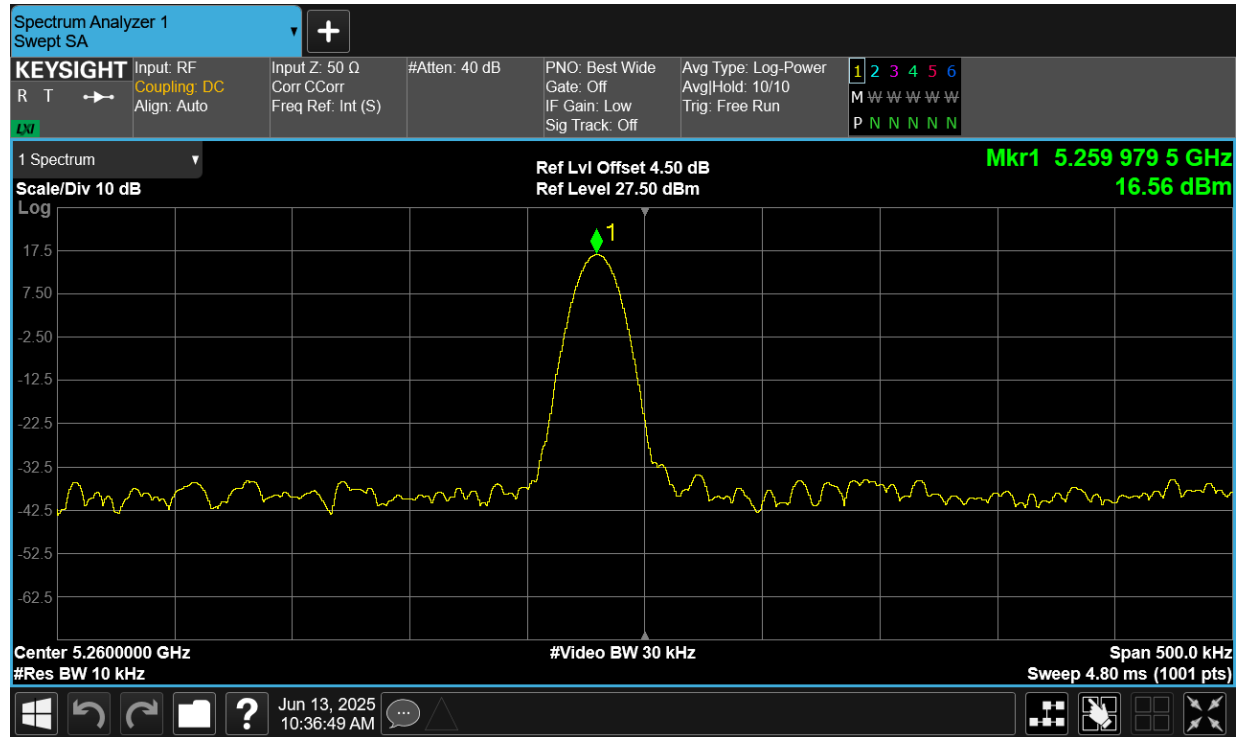
Test Data

Frequency Stability

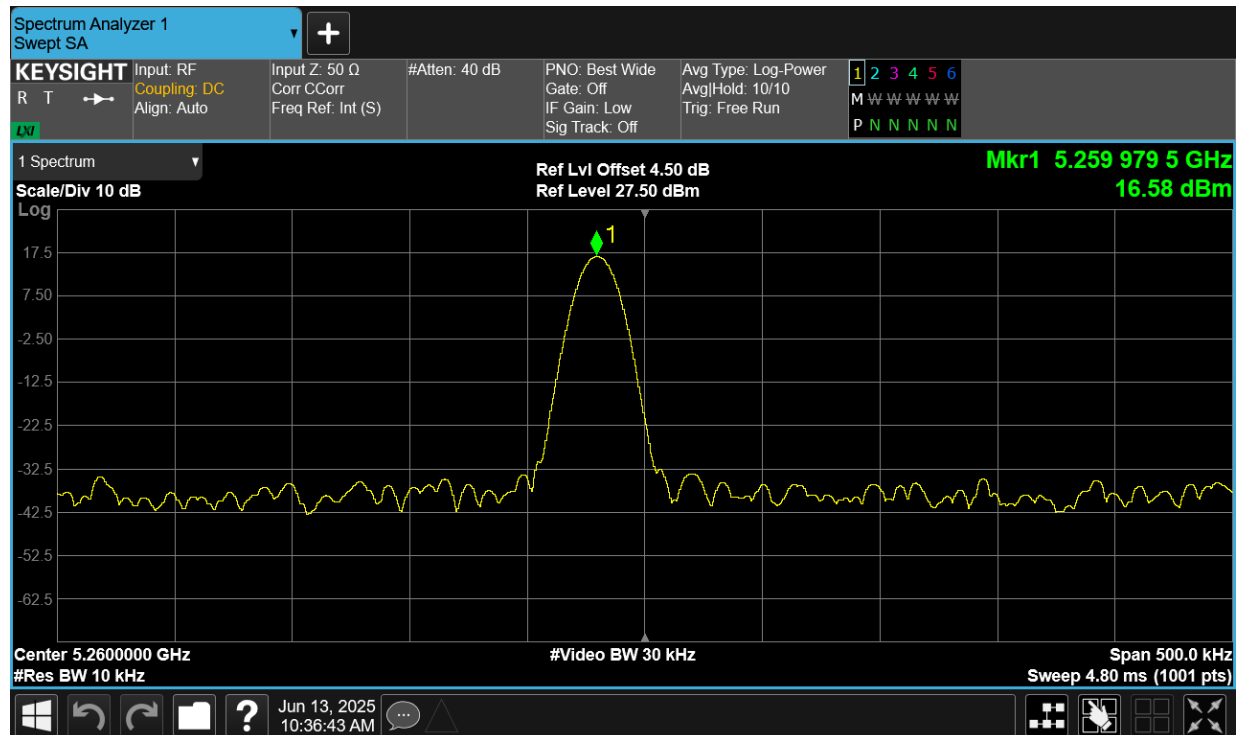
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.9795	-3.9	Within authorized band	Pass
LVNT	a	5260	Ant1	5259.9795	-3.9		Pass
NVHT	a	5260	Ant1	5259.98	-3.8		Pass
NVLT	a	5260	Ant1	5259.98	-3.8		Pass
NVNT	a	5260	Ant1	5259.9805	-3.71		Pass
HVNT	ac80	5290	Ant1	5289.9785	-4.06		Pass
LVNT	ac80	5290	Ant1	5289.9785	-4.06		Pass
NVHT	ac80	5290	Ant1	5289.9785	-4.06		Pass
NVLT	ac80	5290	Ant1	5289.9785	-4.06		Pass
NVNT	ac80	5290	Ant1	5289.9785	-4.06		Pass
HVNT	n40	5270	Ant1	5269.9785	-4.08		Pass
LVNT	n40	5270	Ant1	5269.9785	-4.08		Pass
NVHT	n40	5270	Ant1	5269.9785	-4.08		Pass
NVLT	n40	5270	Ant1	5269.9785	-4.08		Pass
NVNT	n40	5270	Ant1	5269.9785	-4.08		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

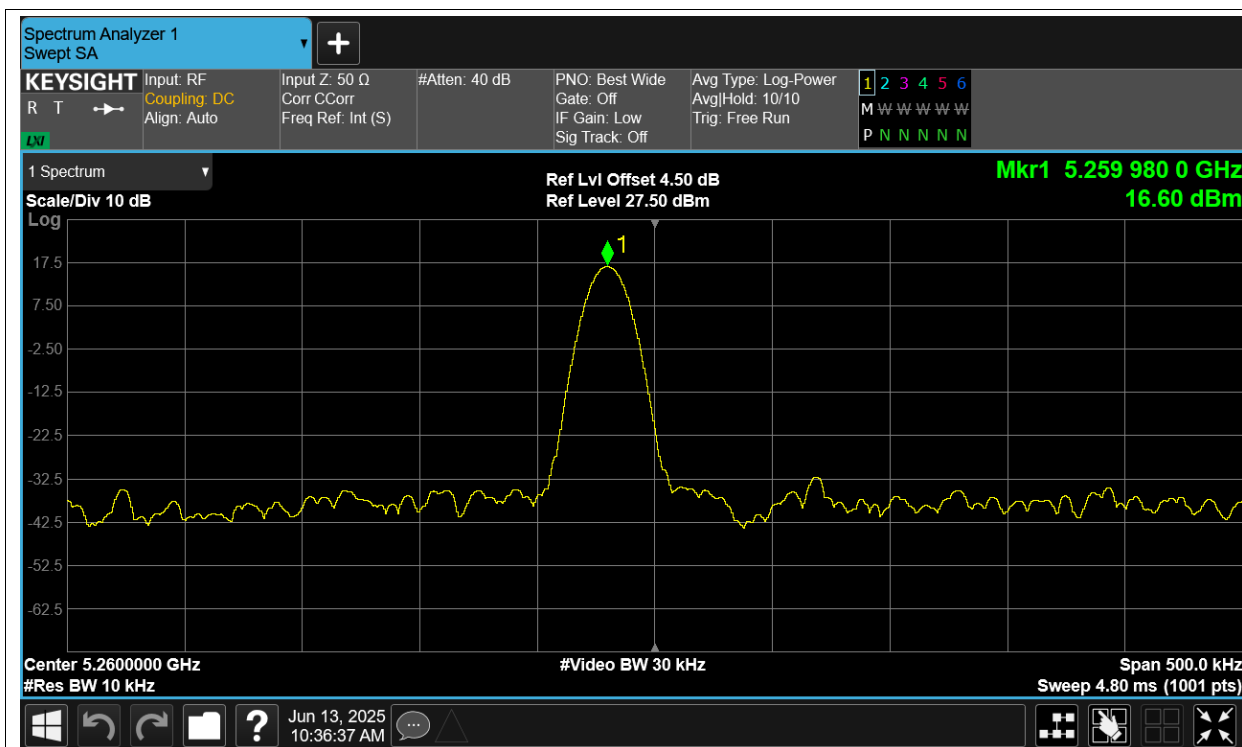
Freq. Stability HVNT a 5260MHz Ant1



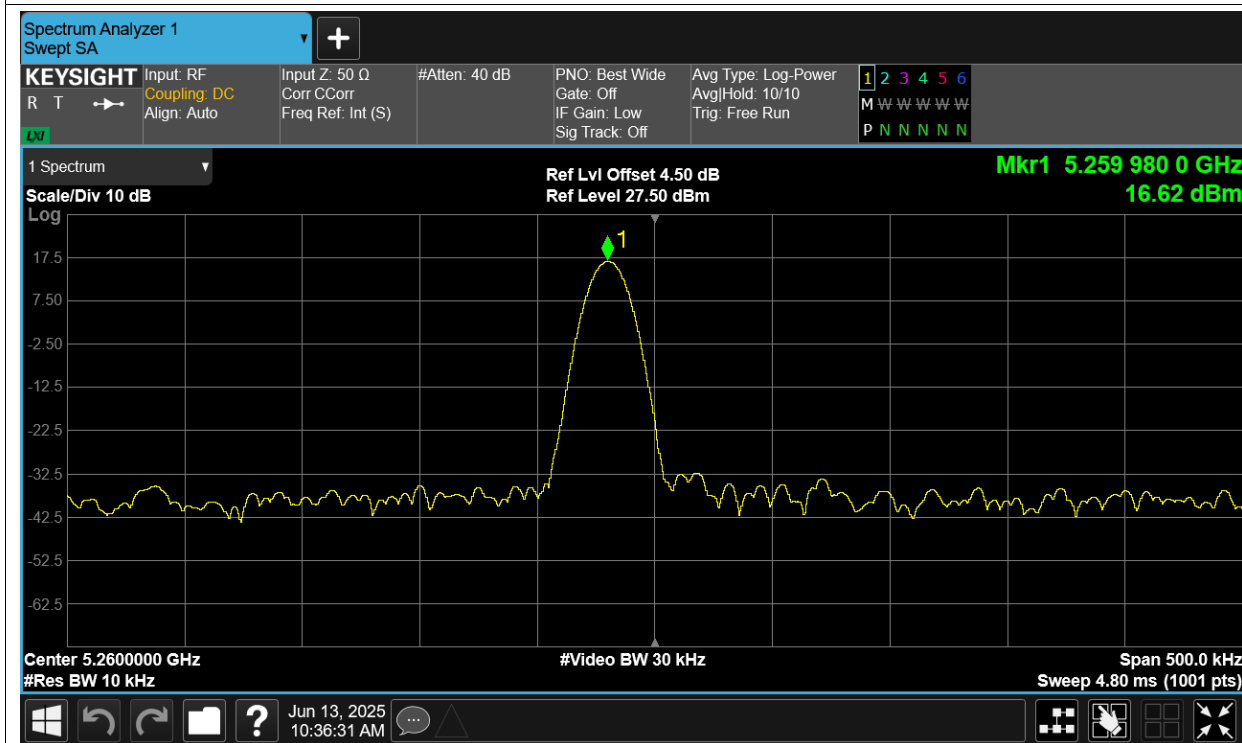
Freq. Stability LVNT a 5260MHz Ant1



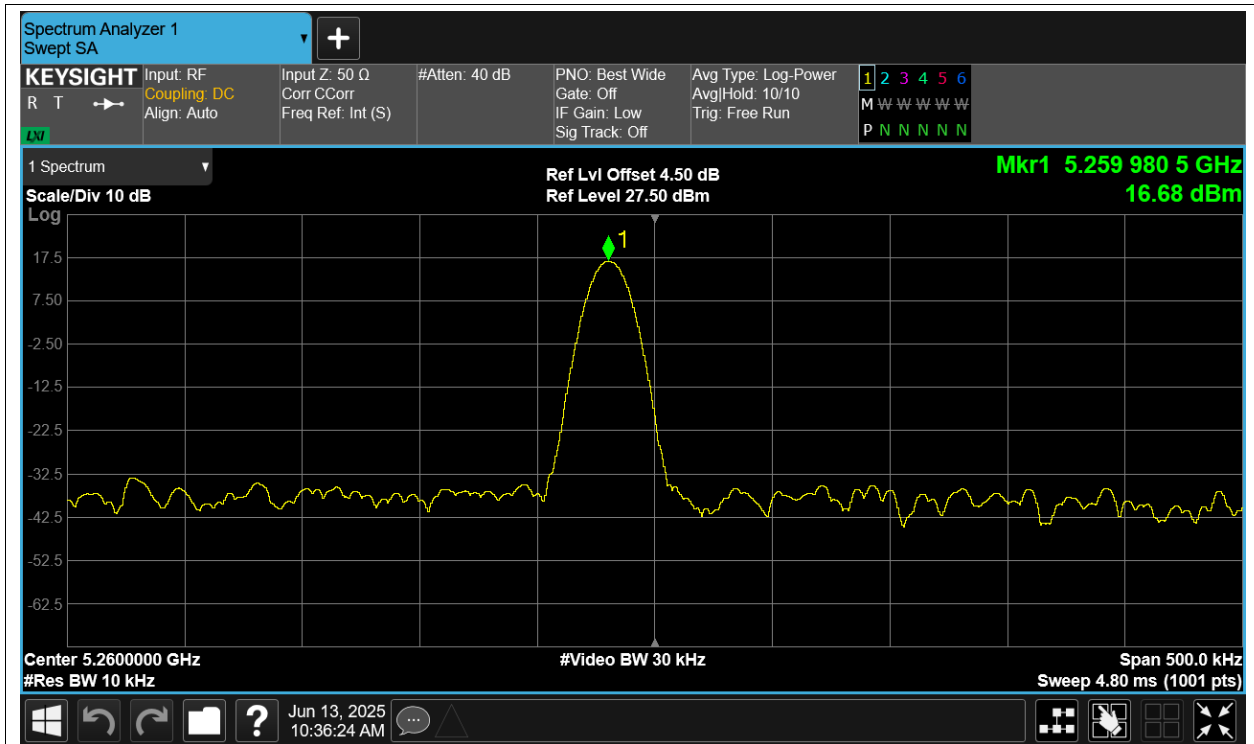
Freq. Stability NVHT a 5260MHz Ant1



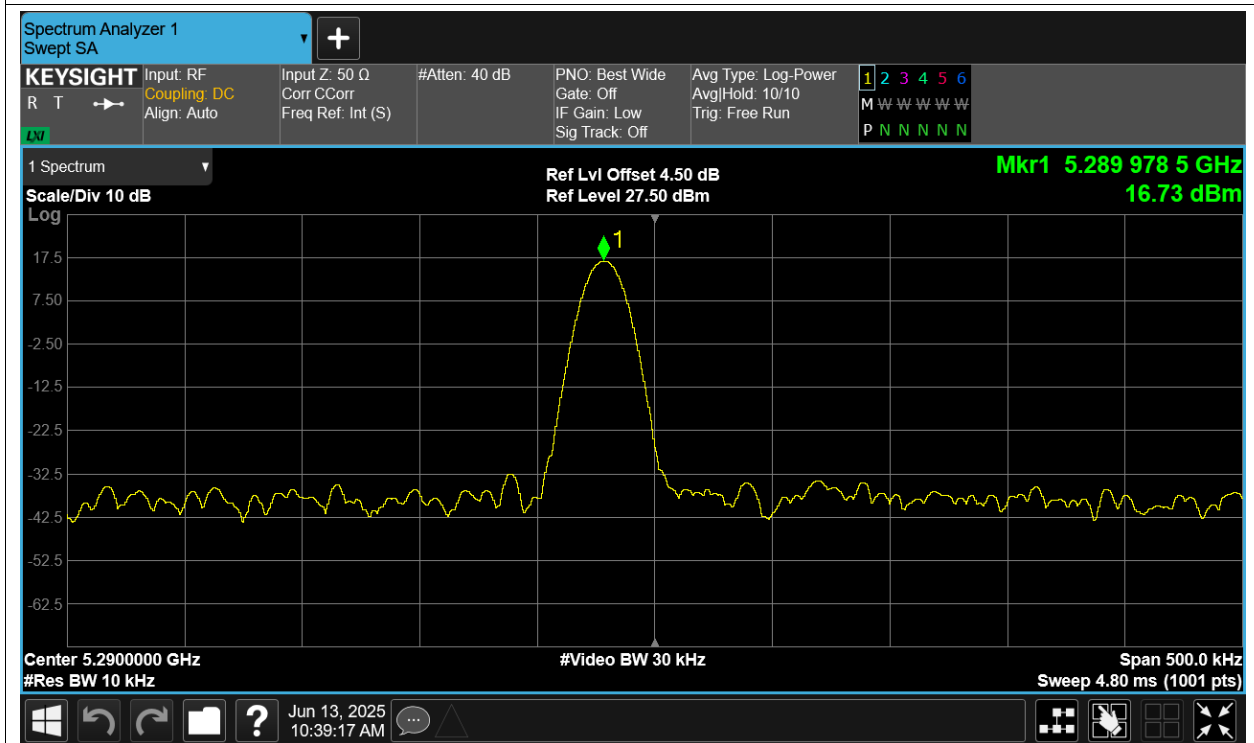
Freq. Stability NVLT a 5260MHz Ant1



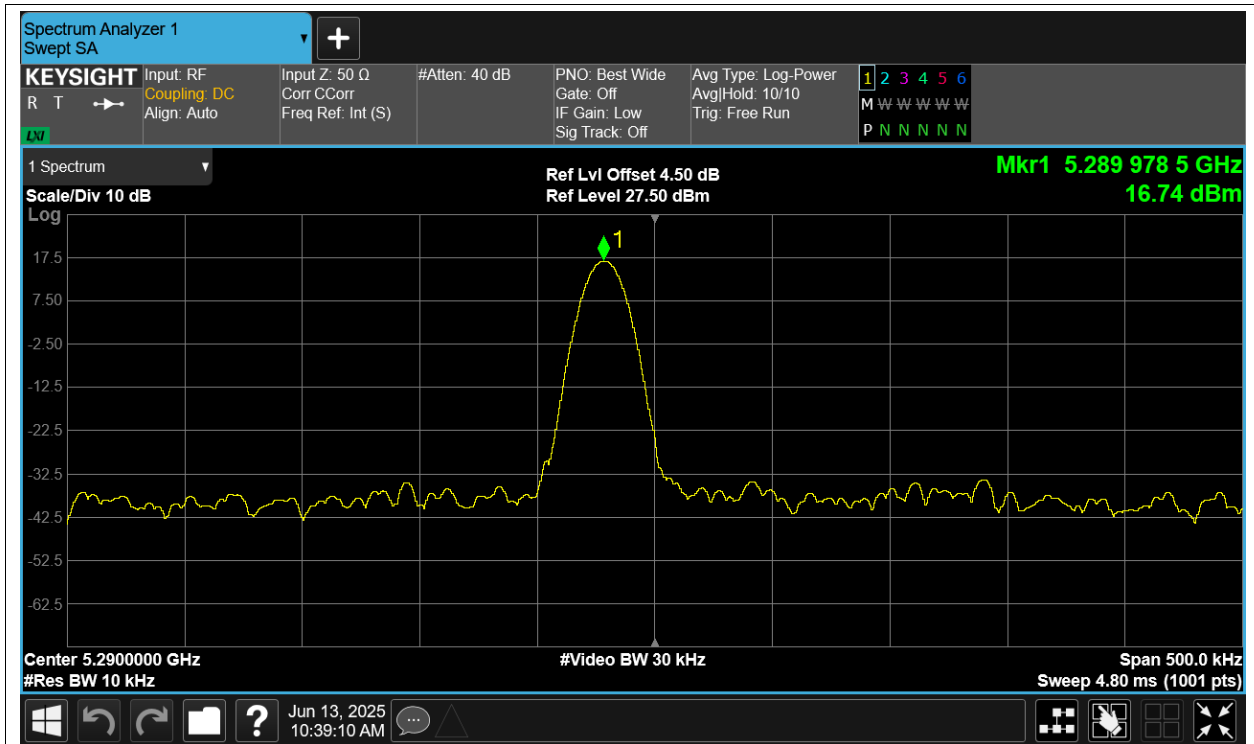
Freq. Stability NVNT a 5260MHz Ant1



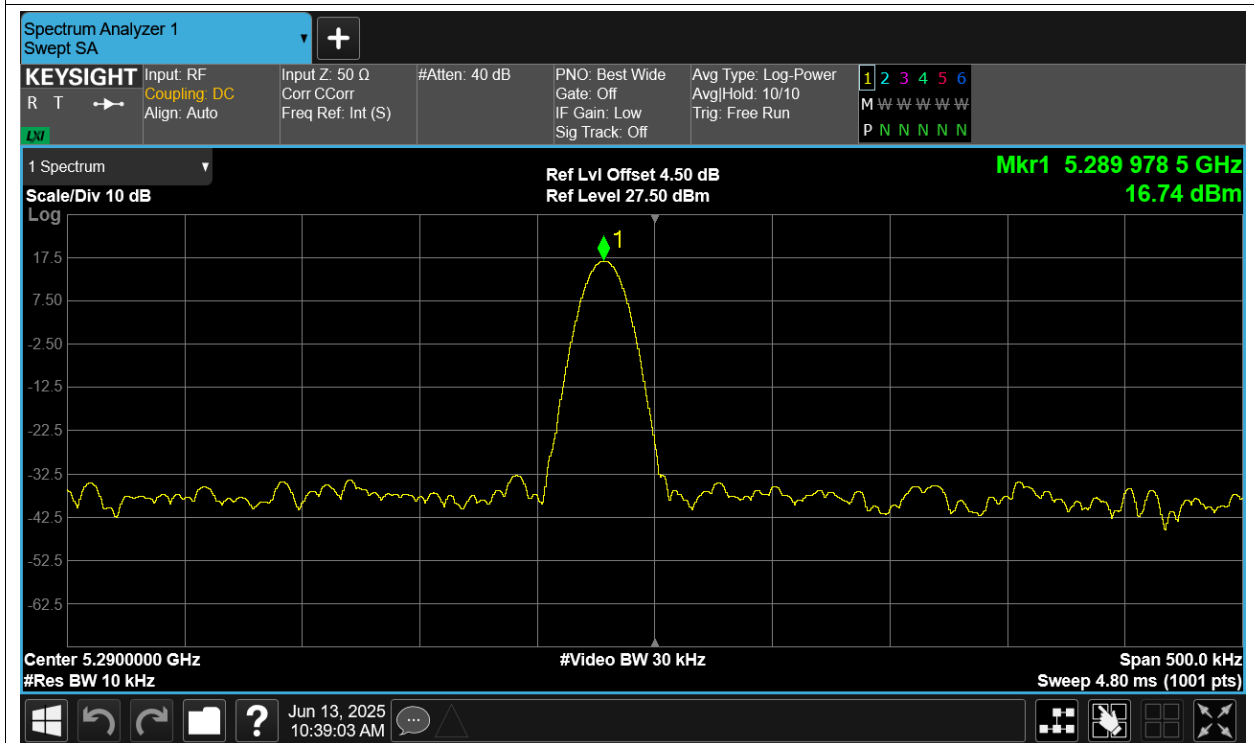
Freq. Stability HVNT ac80 5290MHz Ant1



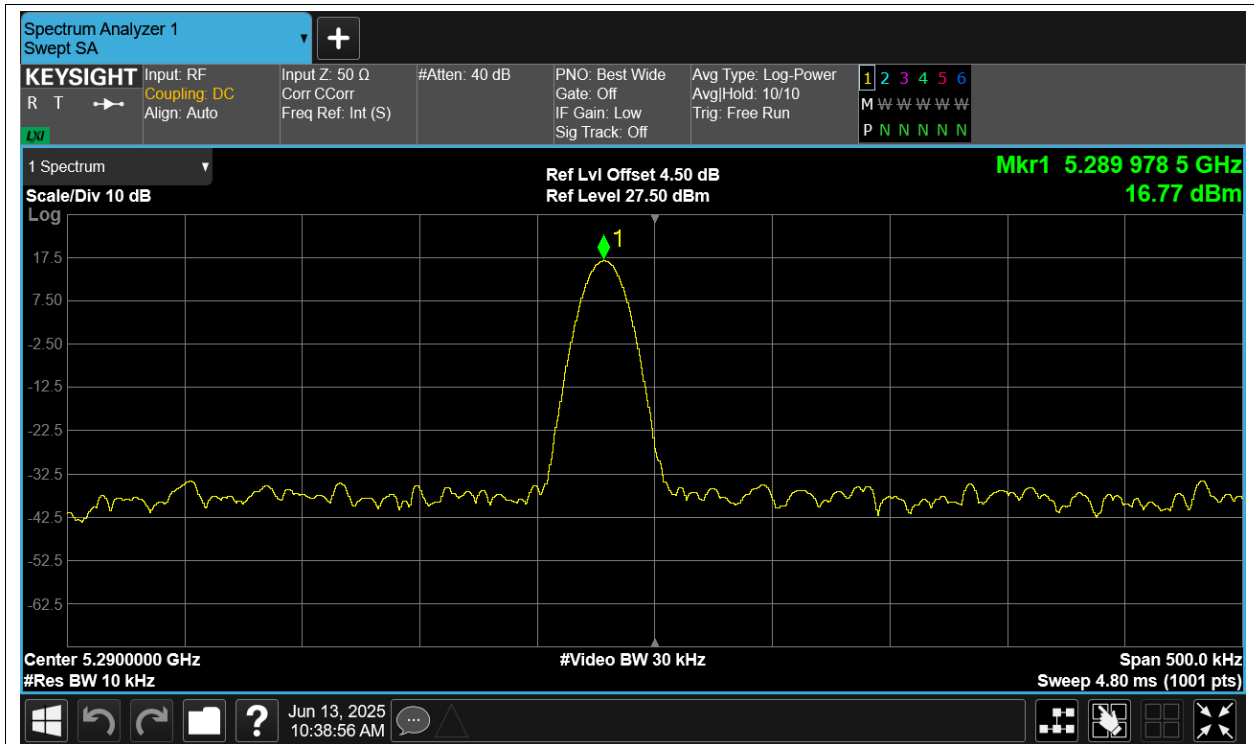
Freq. Stability LVNT ac80 5290MHz Ant1



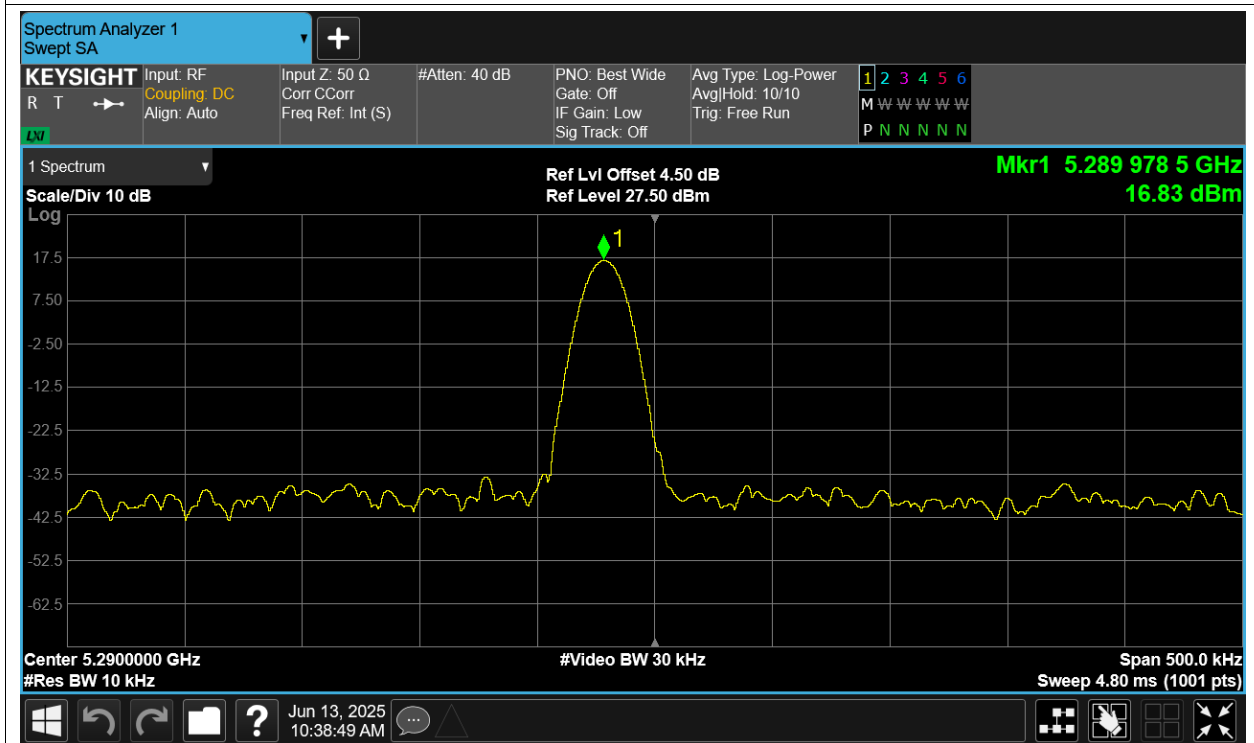
Freq. Stability NVHT ac80 5290MHz Ant1



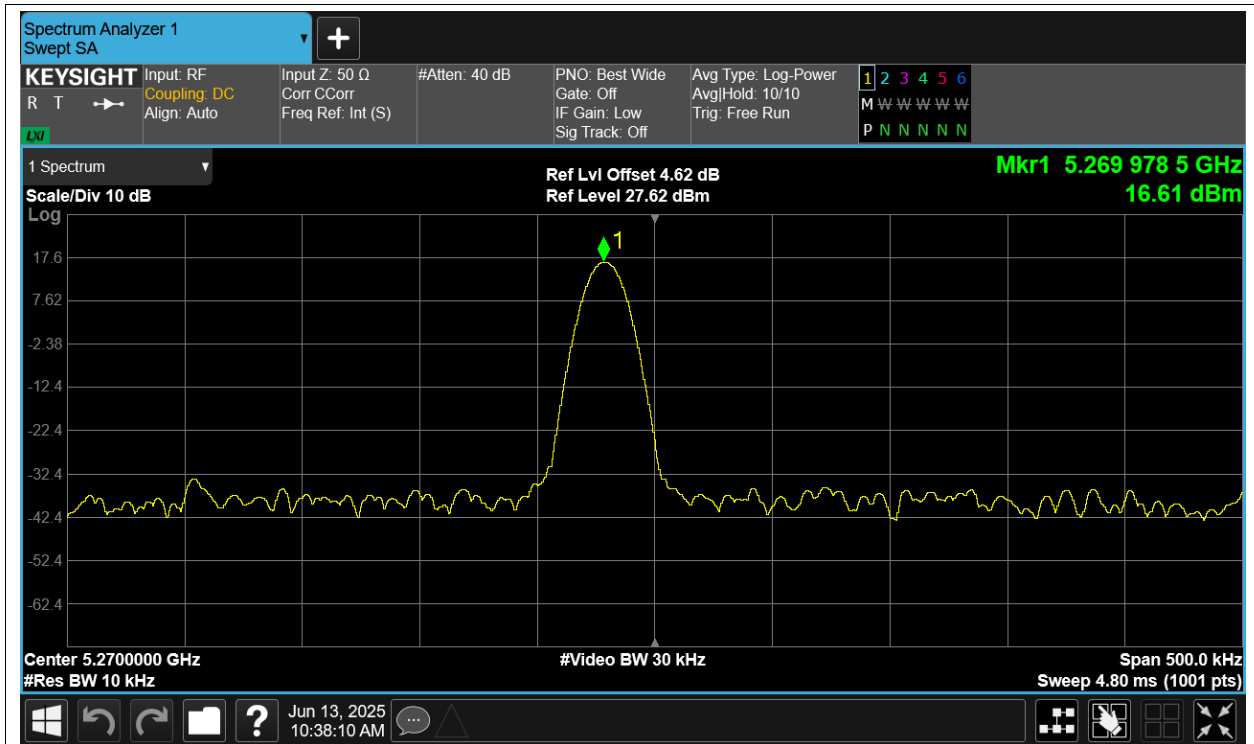
Freq. Stability NVLT ac80 5290MHz Ant1



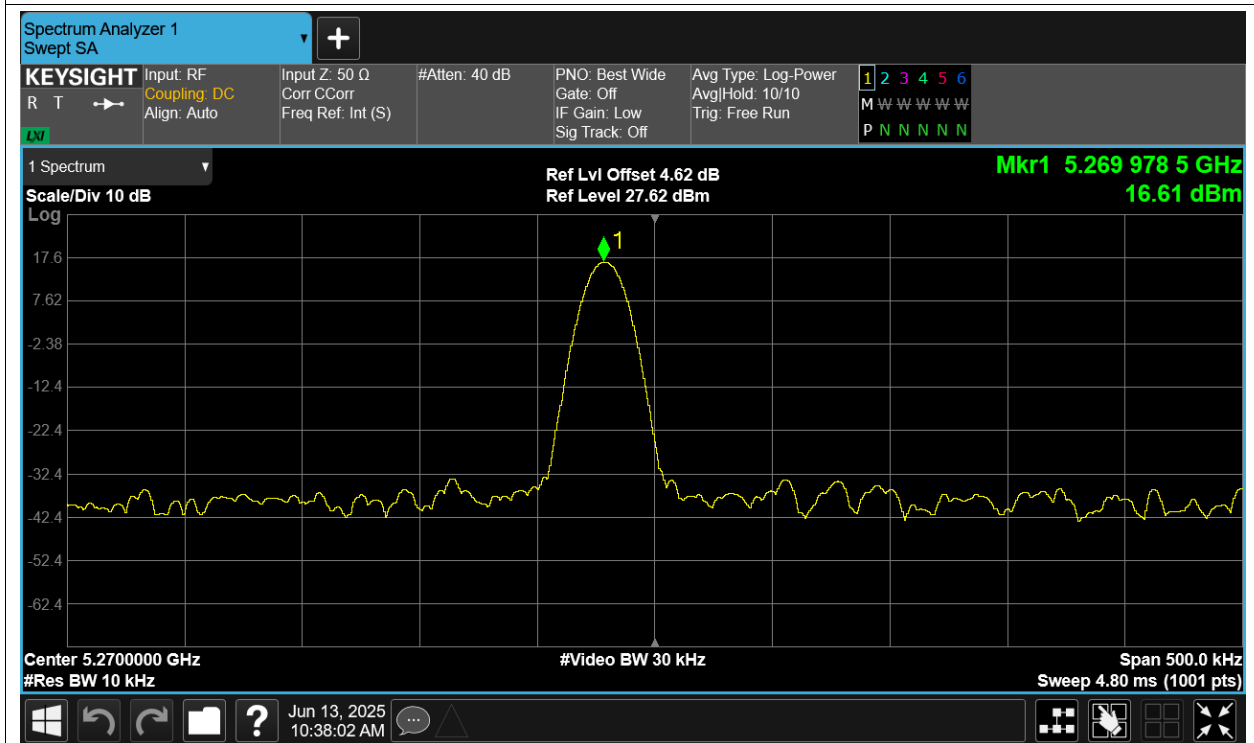
Freq. Stability NVNT ac80 5290MHz Ant1



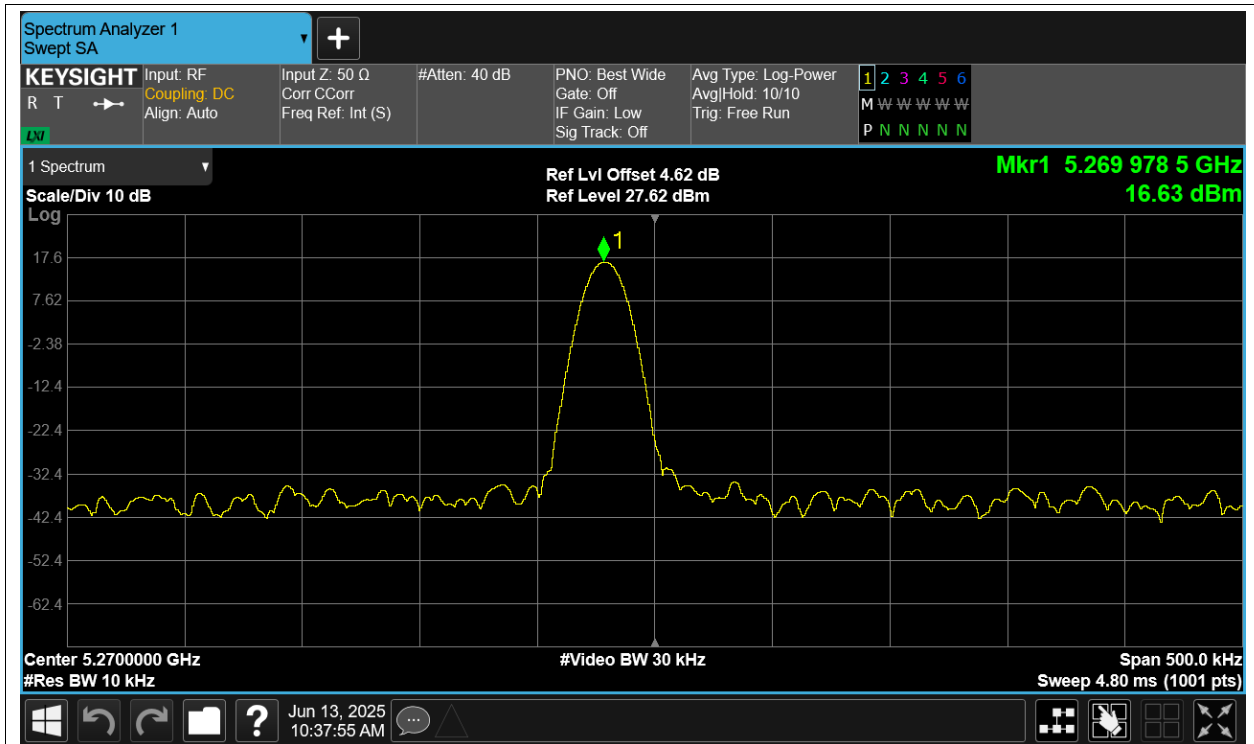
Freq. Stability HVNT n40 5270MHz Ant1



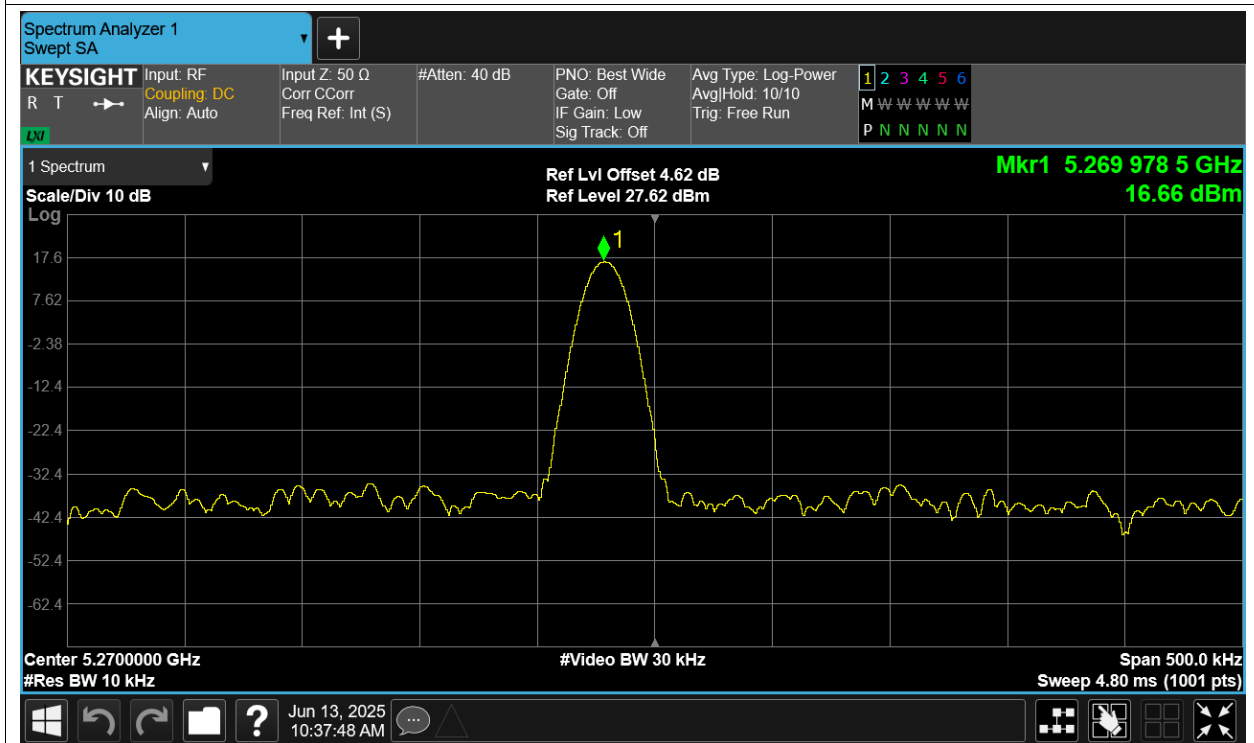
Freq. Stability LVNT n40 5270MHz Ant1



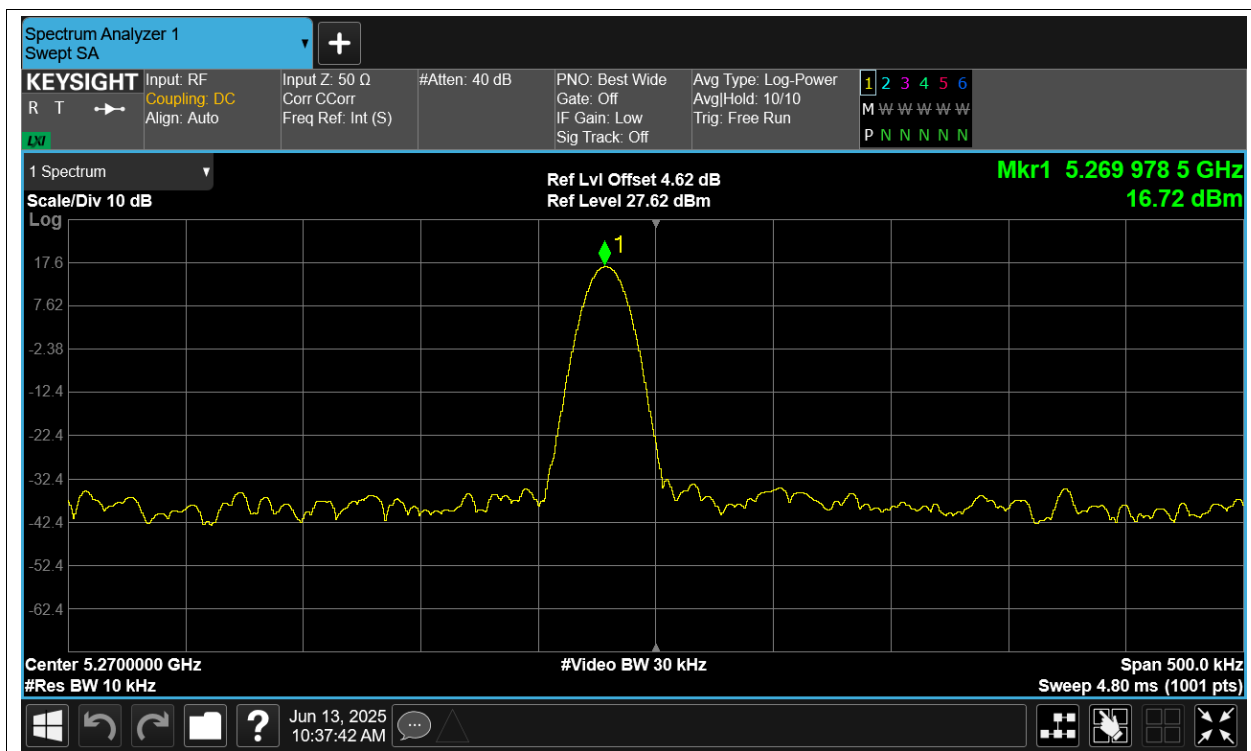
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1



Freq. Stability NVNT n40 5270MHz Ant1

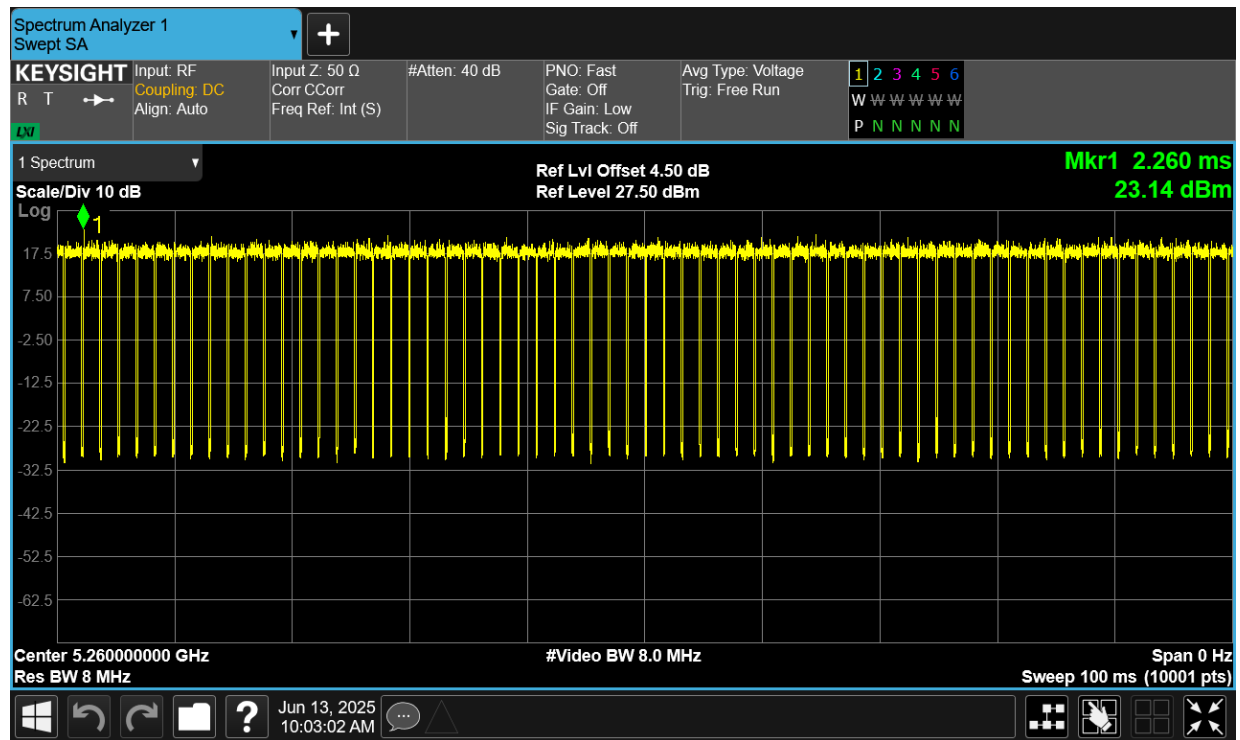


Duty Cycle

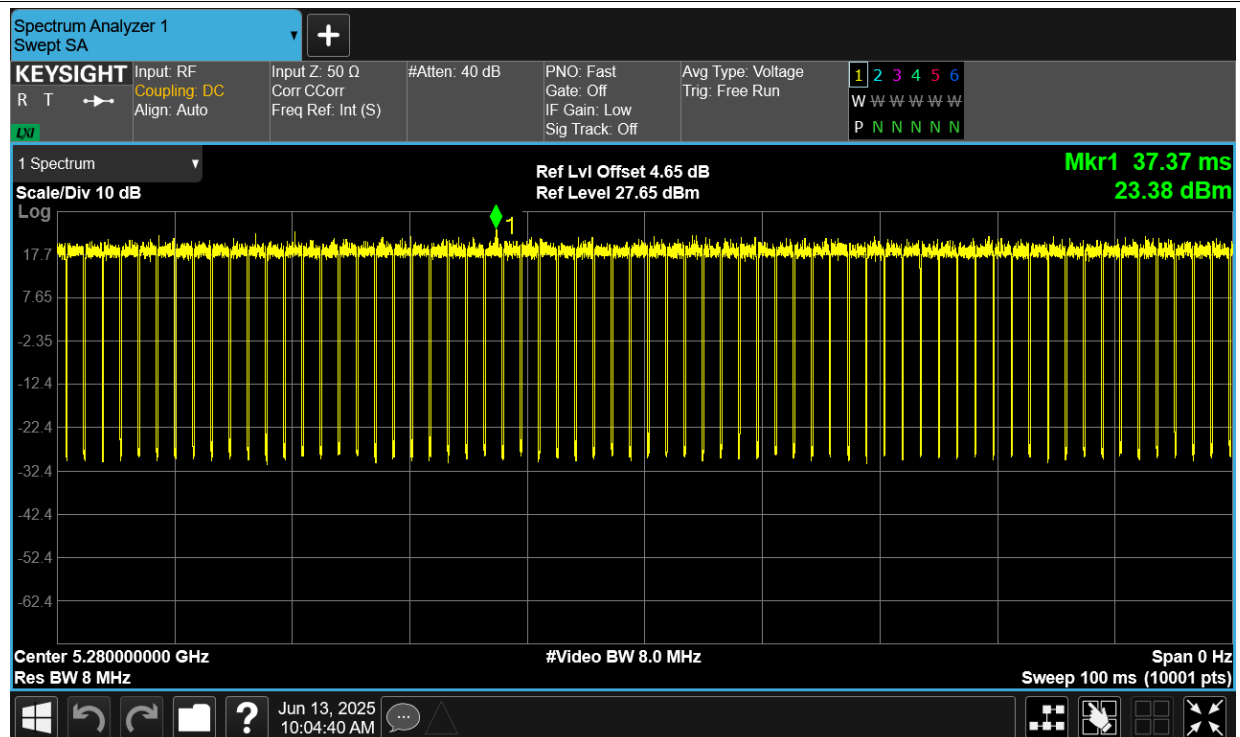
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	90.6	0.43
NVNT	a	5280	Ant1	90.54	0.43
NVNT	a	5320	Ant1	90.54	0.43
NVNT	ac20	5260	Ant1	88.99	0.51
NVNT	ac20	5280	Ant1	89.11	0.5
NVNT	ac20	5320	Ant1	89.18	0.5
NVNT	ac40	5270	Ant1	80.16	0.96
NVNT	ac40	5310	Ant1	80.22	0.96
NVNT	ac80	5290	Ant1	67.94	1.68
NVNT	n20	5260	Ant1	88.99	0.51
NVNT	n20	5280	Ant1	88.99	0.51
NVNT	n20	5320	Ant1	88.83	0.51
NVNT	n40	5270	Ant1	80.1	0.96
NVNT	n40	5310	Ant1	80.16	0.96

Test Graphs

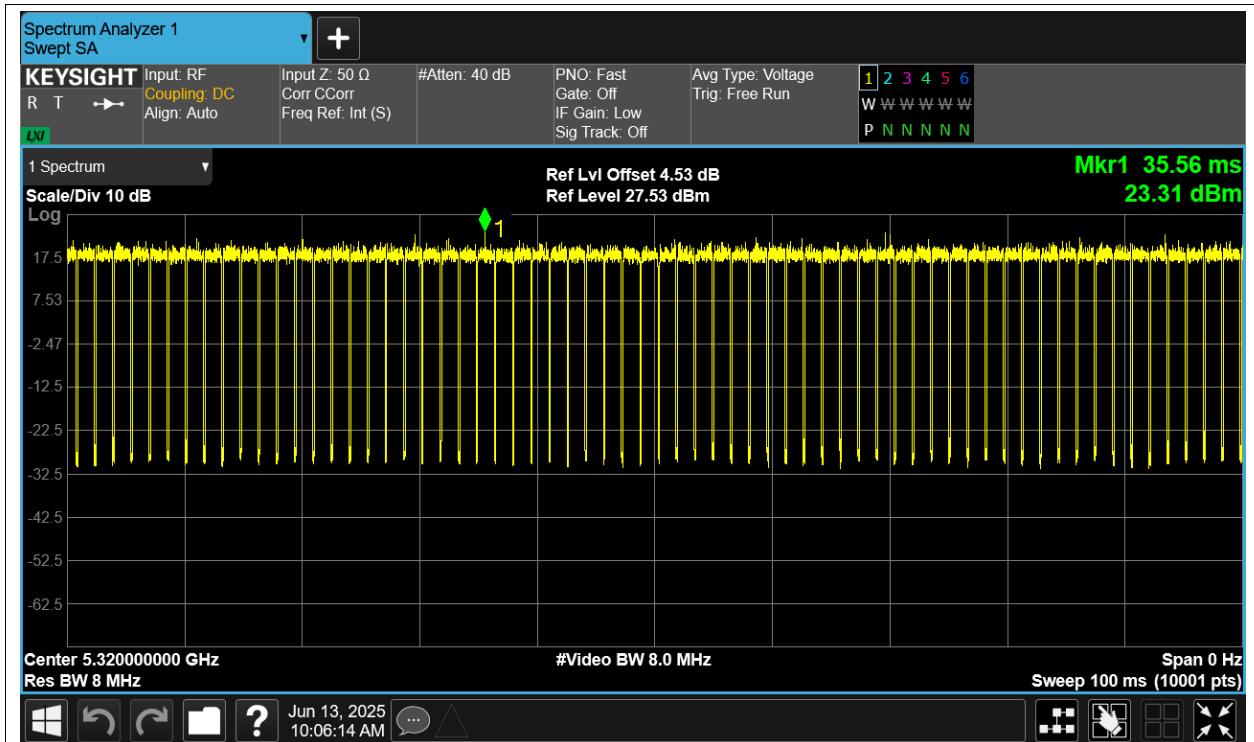
Duty Cycle NVNT a 5260MHz Ant1



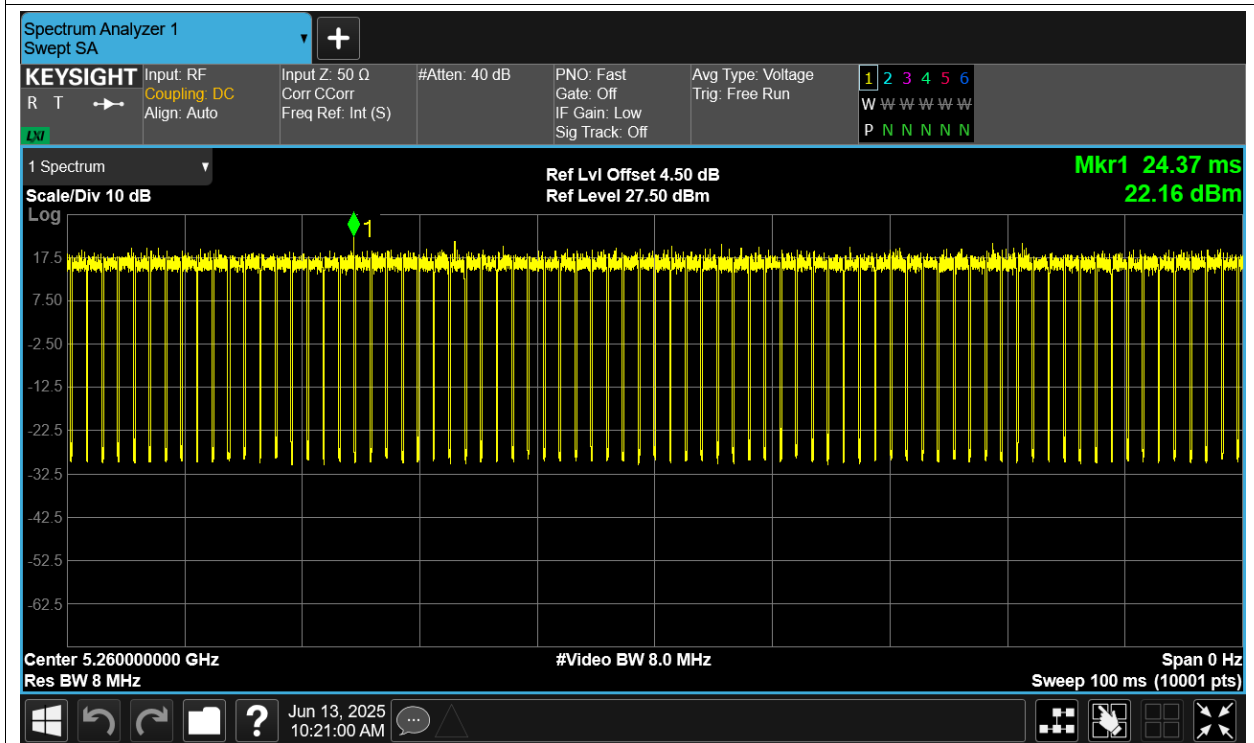
Duty Cycle NVNT a 5280MHz Ant1



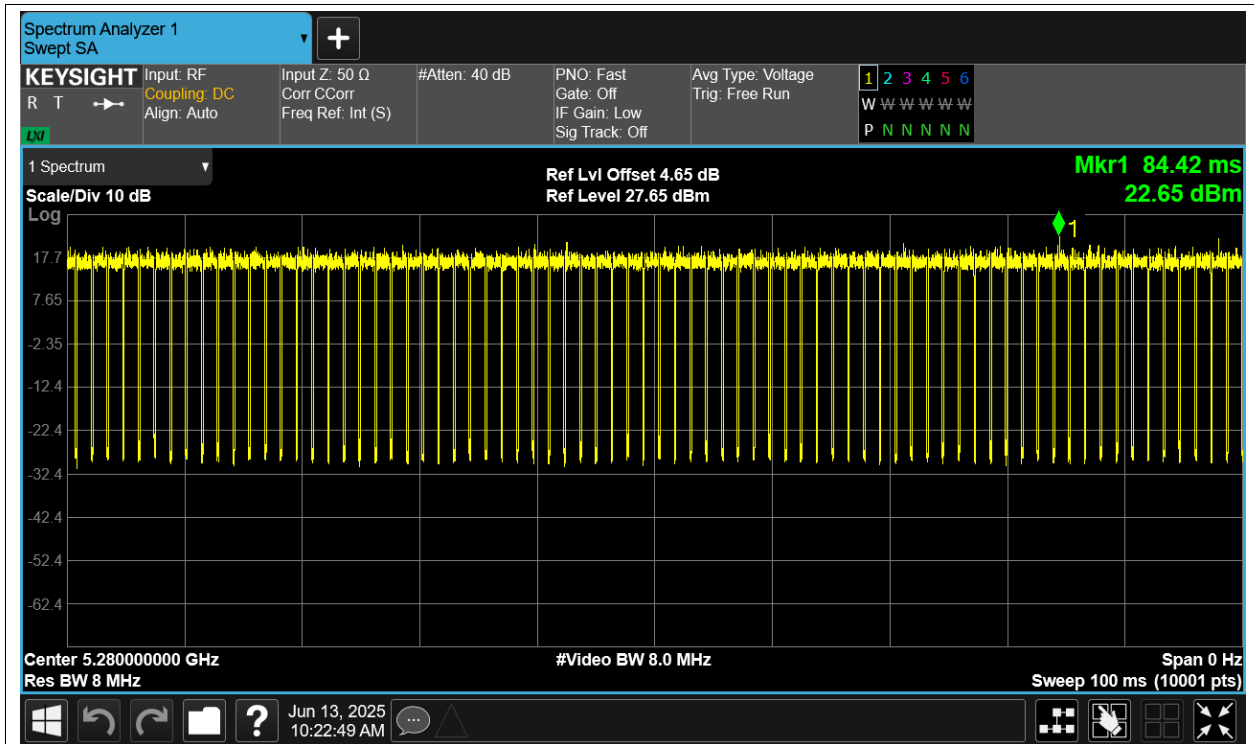
Duty Cycle NVNT a 5320MHz Ant1



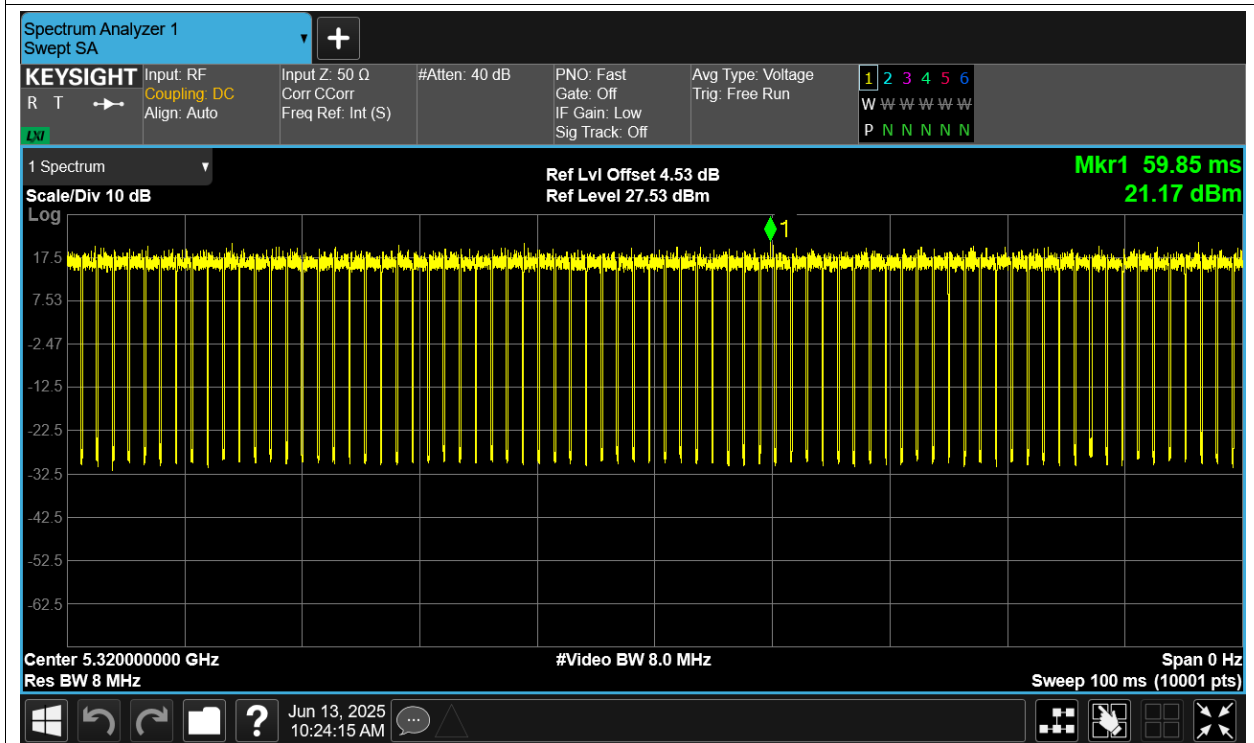
Duty Cycle NVNT ac20 5260MHz Ant1



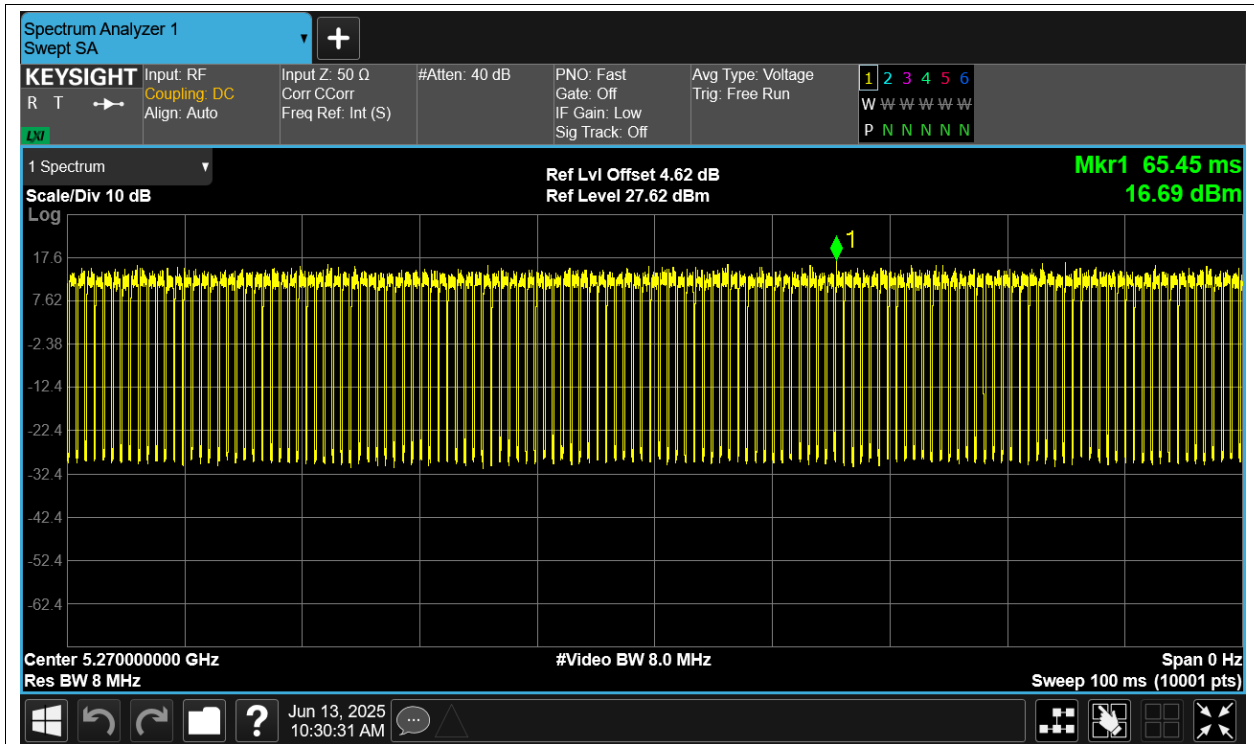
Duty Cycle NVNT ac20 5280MHz Ant1



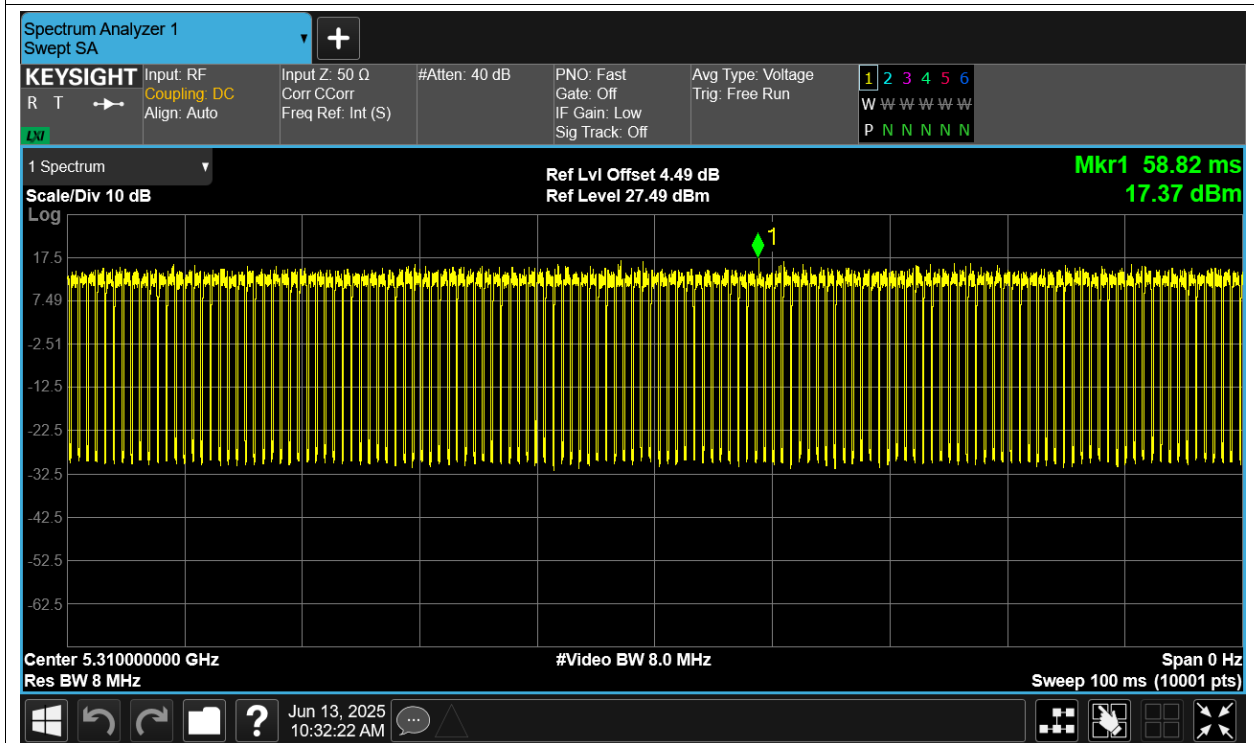
Duty Cycle NVNT ac20 5320MHz Ant1



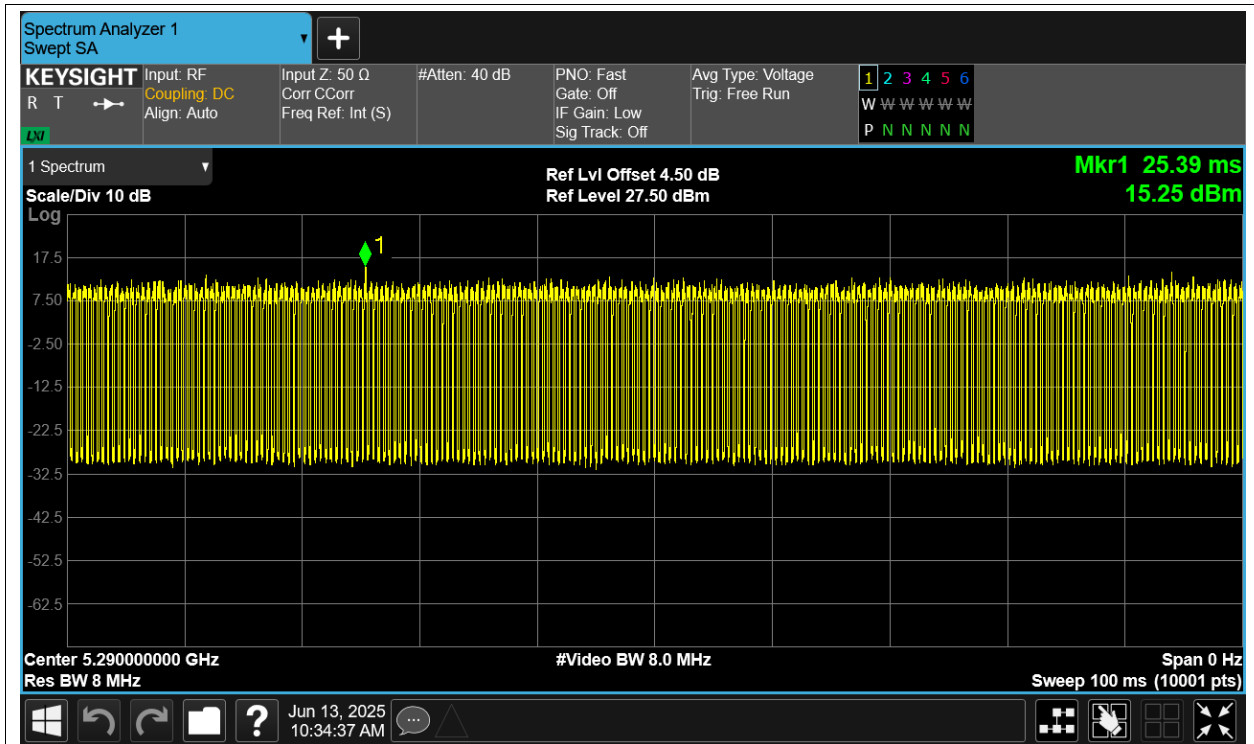
Duty Cycle NVNT ac40 5270MHz Ant1



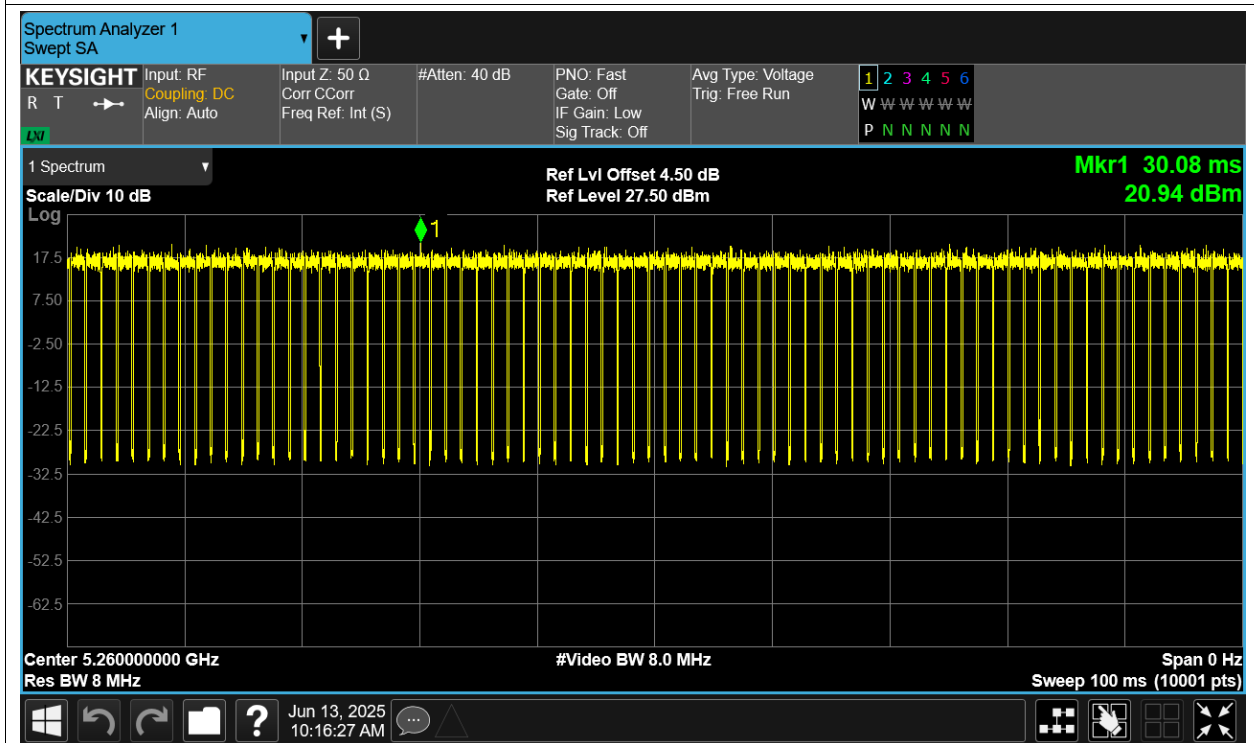
Duty Cycle NVNT ac40 5310MHz Ant1



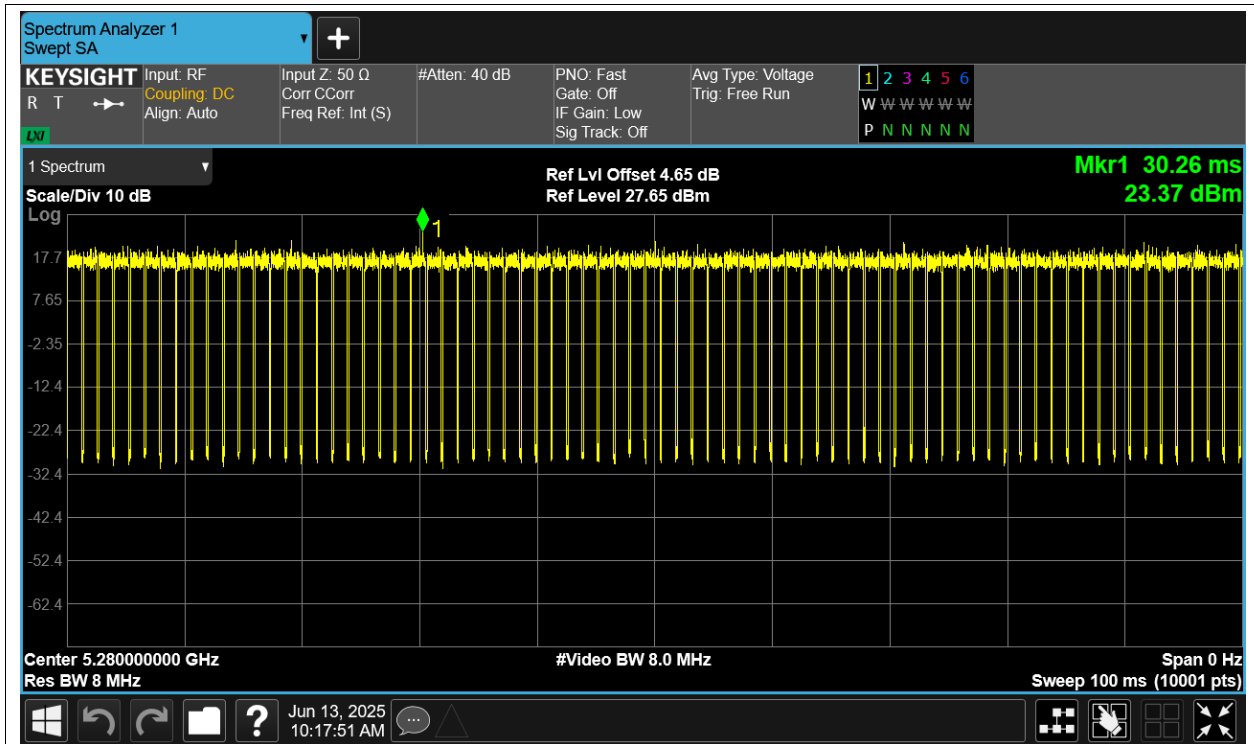
Duty Cycle NVNT ac80 5290MHz Ant1



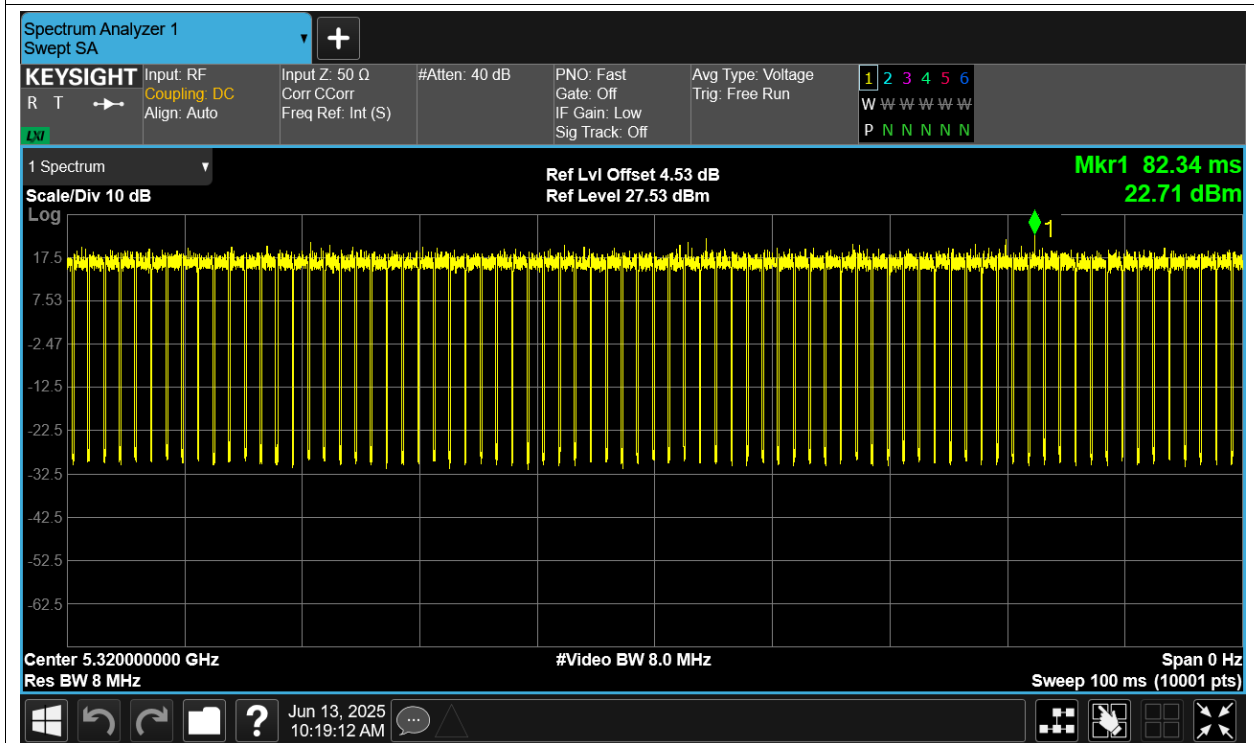
Duty Cycle NVNT n20 5260MHz Ant1



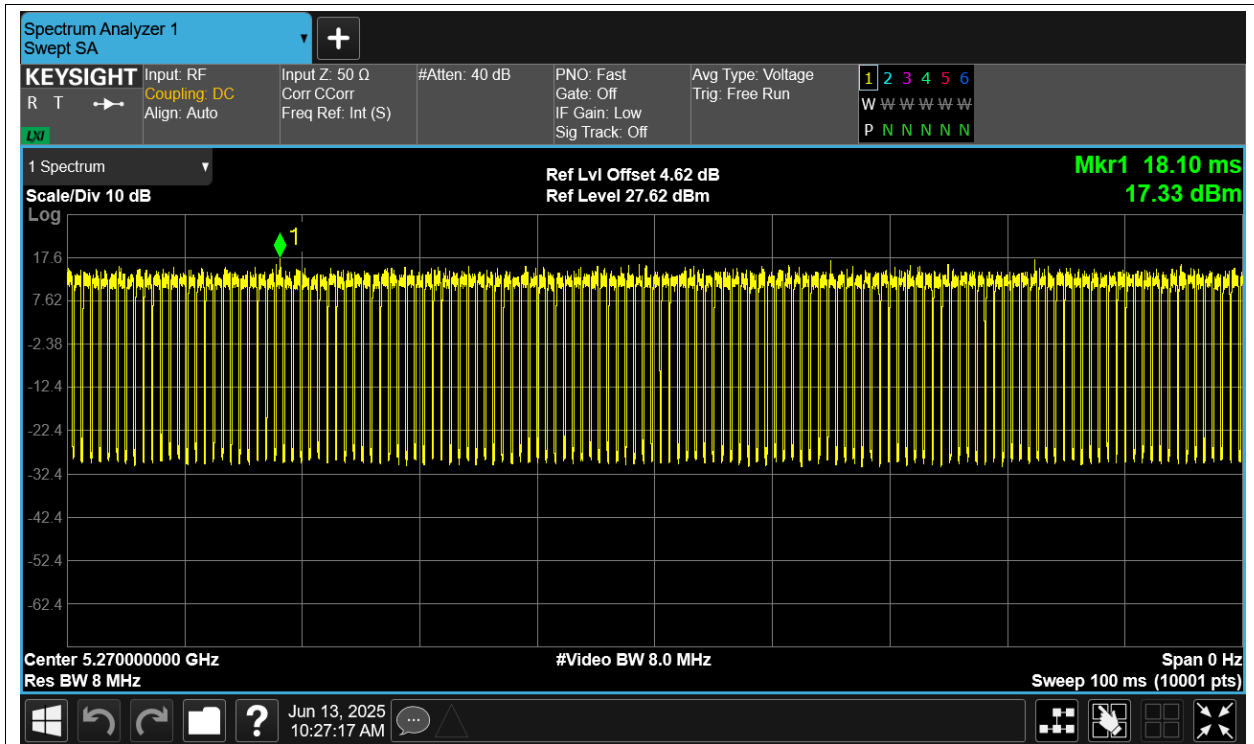
Duty Cycle NVNT n20 5280MHz Ant1



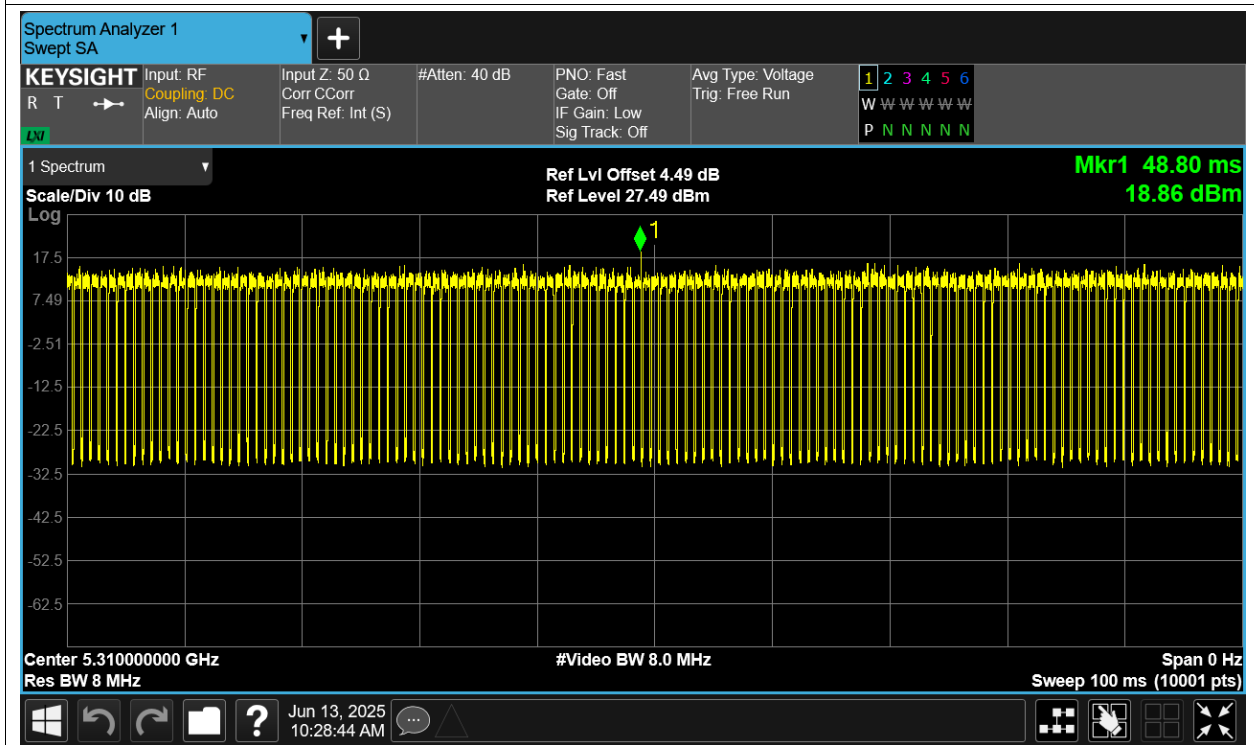
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Maximum Conducted Output Power

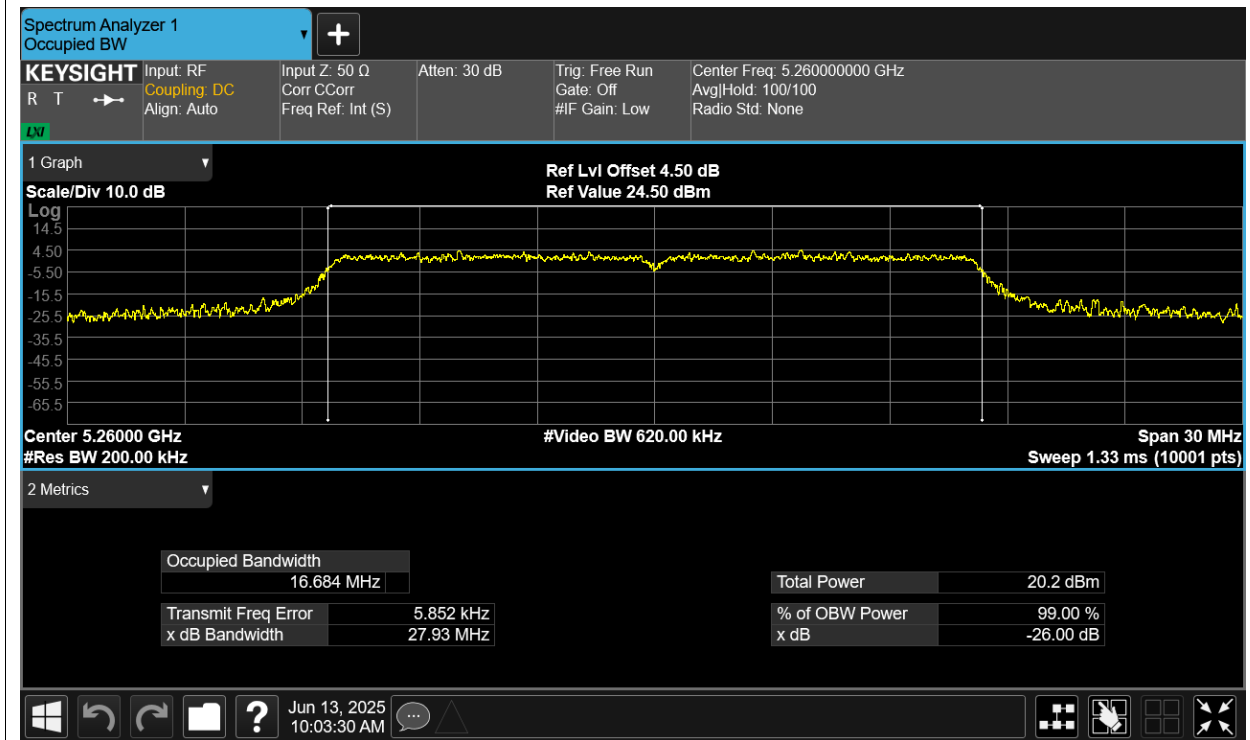
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	14.74	0.43	15.17	24	Pass
NVNT	a	5280	Ant1	14.65	0.43	15.08	24	Pass
NVNT	a	5320	Ant1	15.44	0.43	15.87	24	Pass
NVNT	ac20	5260	Ant1	13.19	0.51	13.7	24	Pass
NVNT	ac20	5280	Ant1	12.69	0.5	13.19	24	Pass
NVNT	ac20	5320	Ant1	13.63	0.5	14.13	24	Pass
NVNT	ac40	5270	Ant1	12.19	0.96	13.15	24	Pass
NVNT	ac40	5310	Ant1	12.83	0.96	13.79	24	Pass
NVNT	ac80	5290	Ant1	12.61	1.68	14.29	24	Pass
NVNT	n20	5260	Ant1	13.16	0.51	13.67	24	Pass
NVNT	n20	5280	Ant1	12.72	0.51	13.23	24	Pass
NVNT	n20	5320	Ant1	13.61	0.51	14.12	24	Pass
NVNT	n40	5270	Ant1	12.18	0.96	13.14	24	Pass
NVNT	n40	5310	Ant1	12.81	0.96	13.77	24	Pass

Occupied Channel Bandwidth

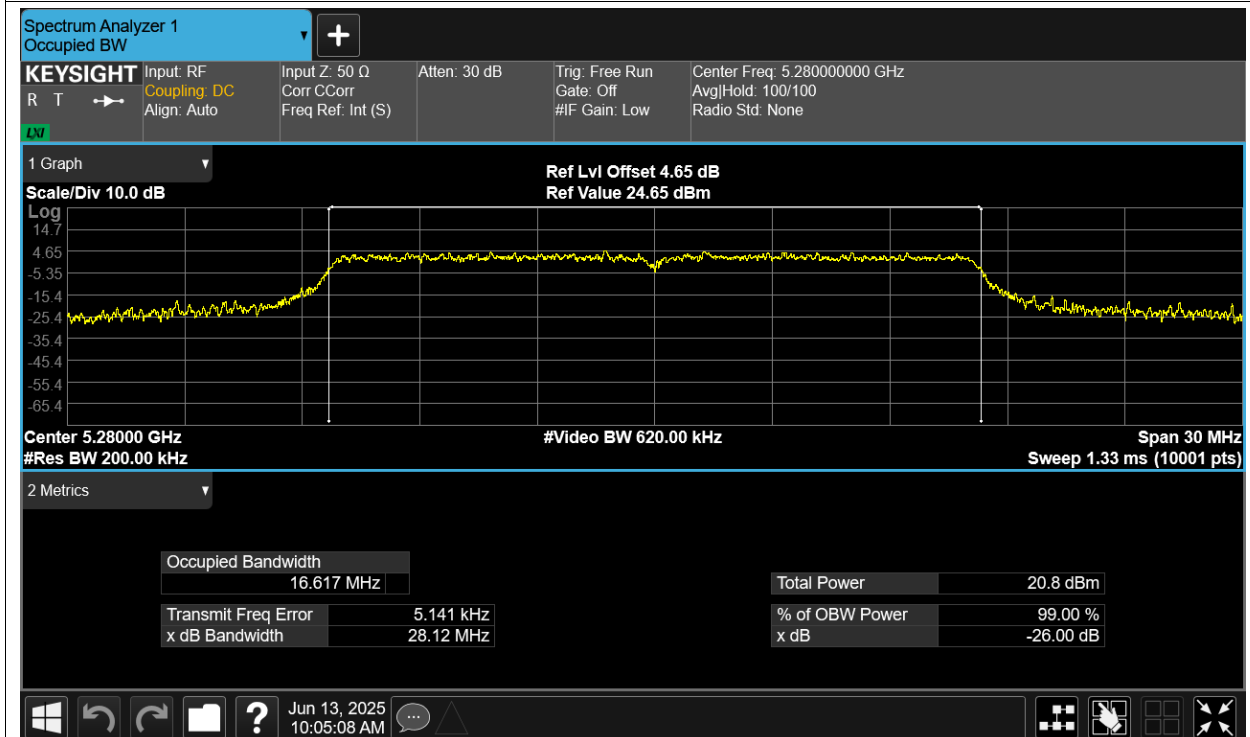
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.684
NVNT	a	5280	Ant1	16.617
NVNT	a	5320	Ant1	16.583
NVNT	ac20	5260	Ant1	17.641
NVNT	ac20	5280	Ant1	17.652
NVNT	ac20	5320	Ant1	17.613
NVNT	ac40	5270	Ant1	36.343
NVNT	ac40	5310	Ant1	36.356
NVNT	ac80	5290	Ant1	75.547
NVNT	n20	5260	Ant1	17.652
NVNT	n20	5280	Ant1	17.642
NVNT	n20	5320	Ant1	17.627
NVNT	n40	5270	Ant1	36.42
NVNT	n40	5310	Ant1	36.345

Test Graphs

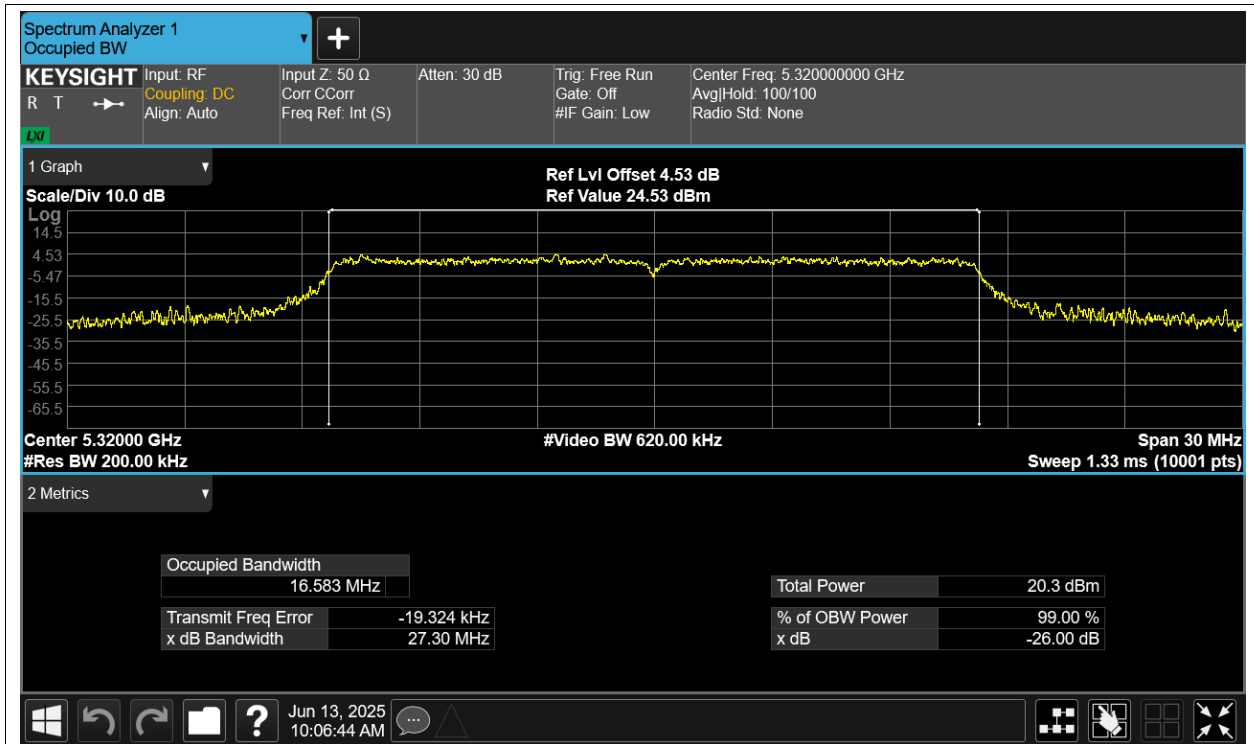
OBW NVNT a 5260MHz Ant1



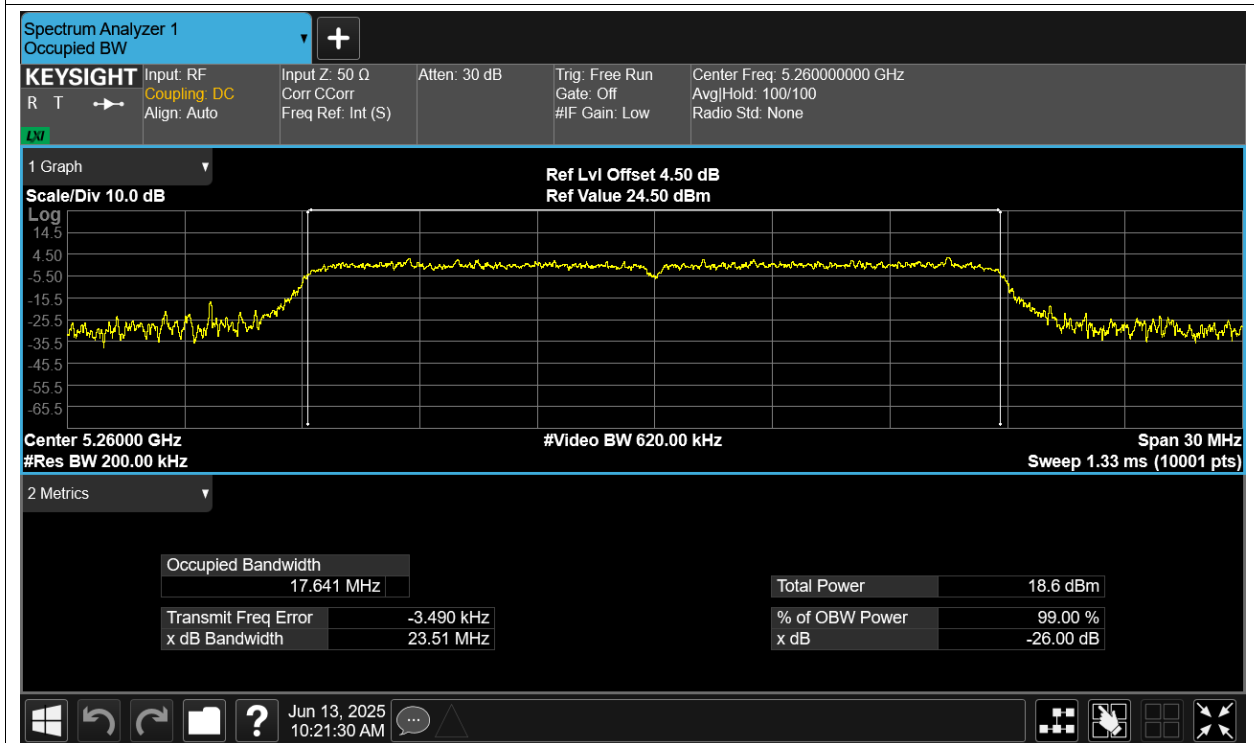
OBW NVNT a 5280MHz Ant1



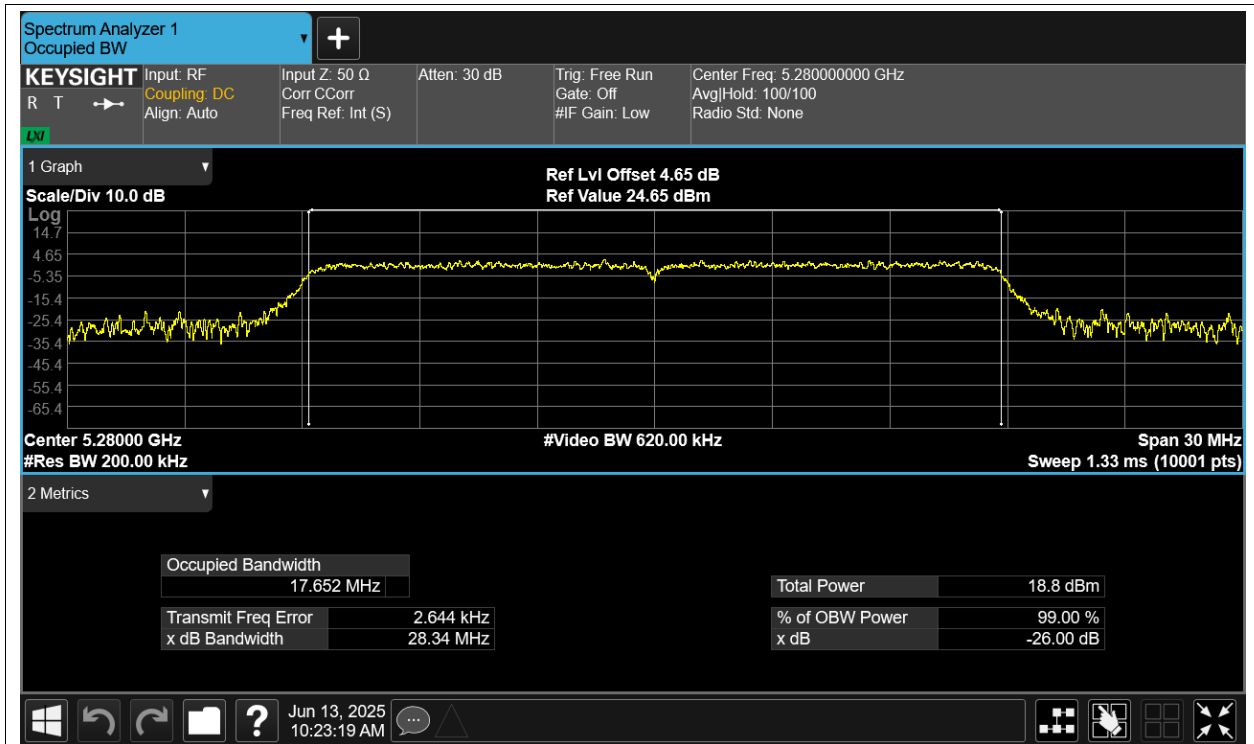
OBW NVNT a 5320MHz Ant1



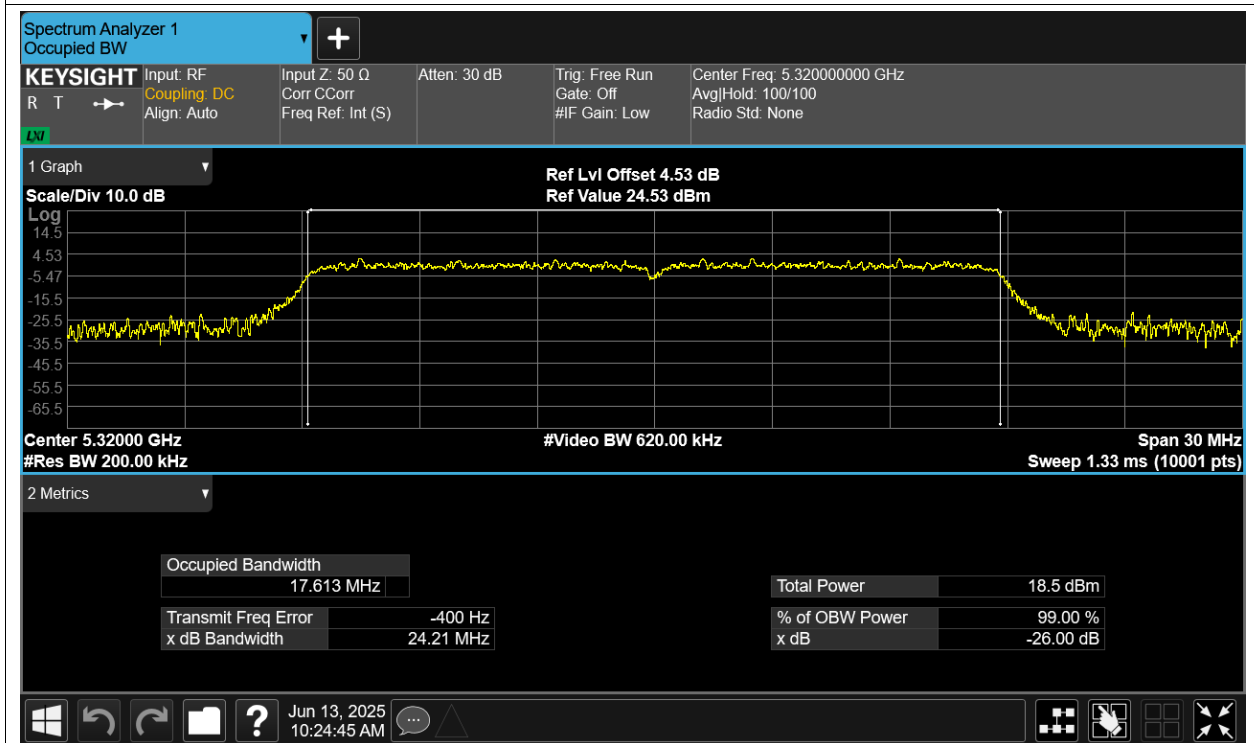
OBW NVNT ac20 5260MHz Ant1



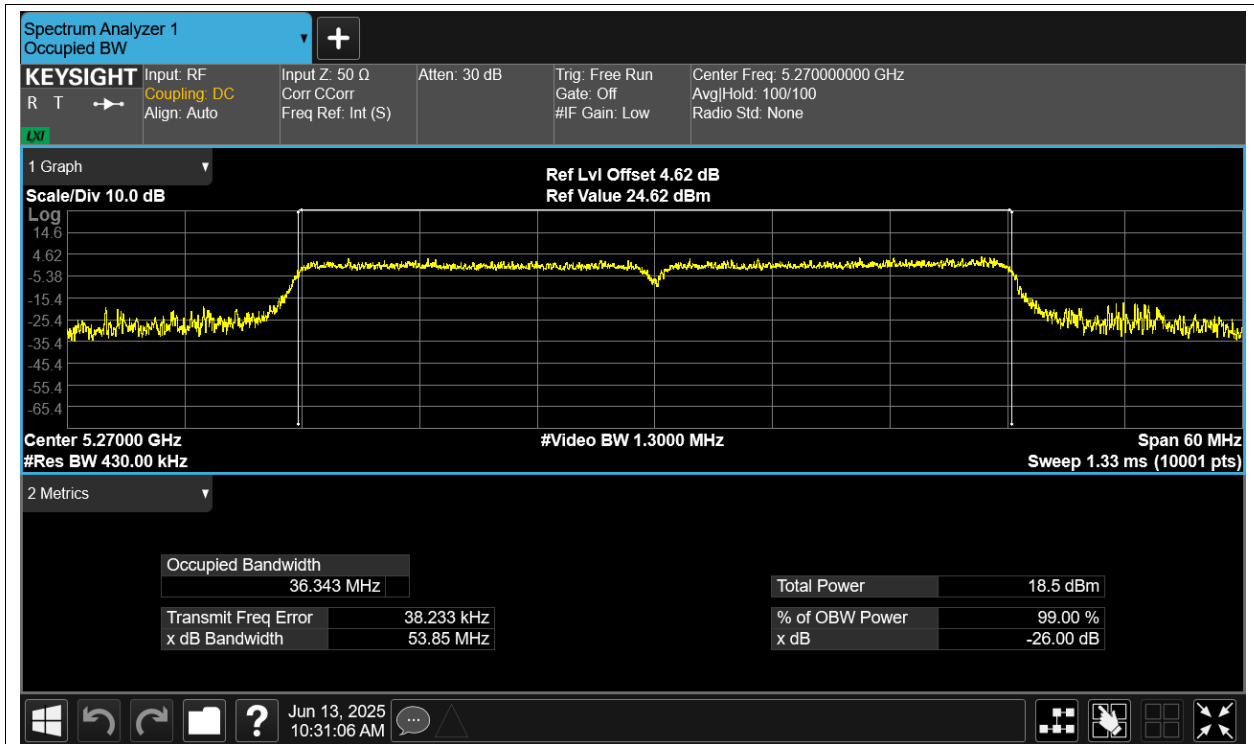
OBW NVNT ac20 5280MHz Ant1



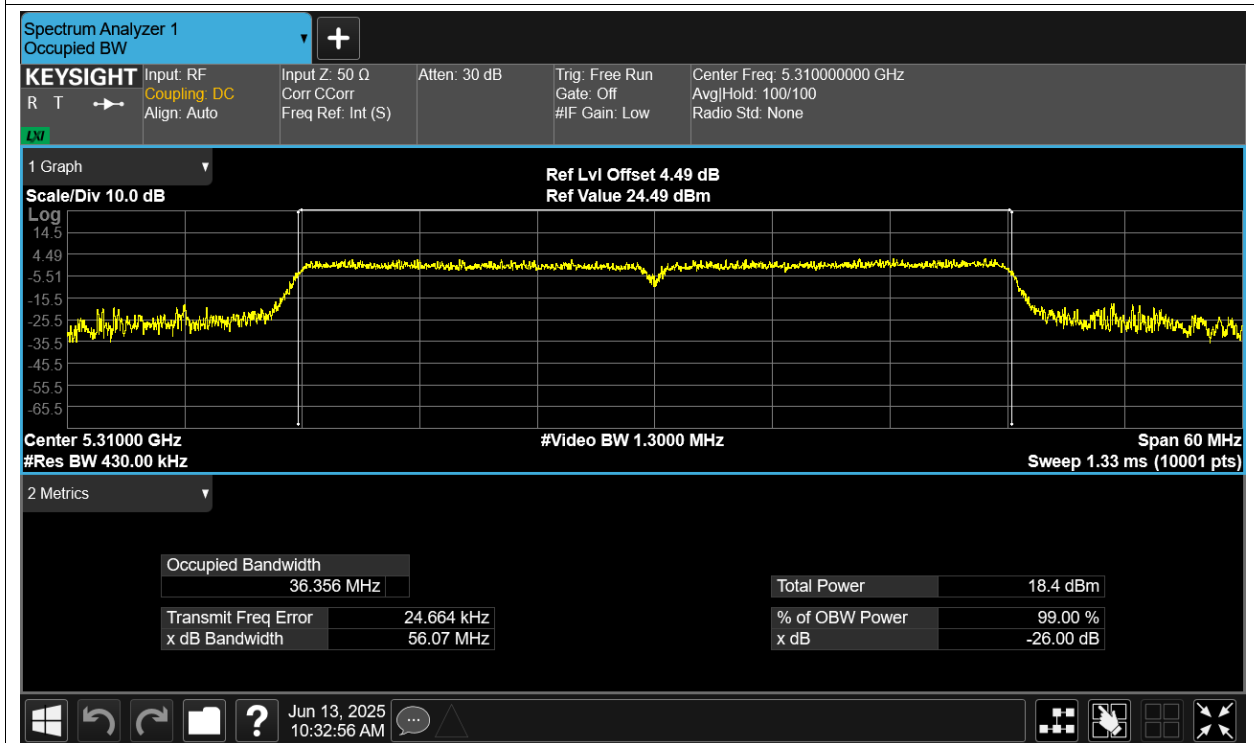
OBW NVNT ac20 5320MHz Ant1



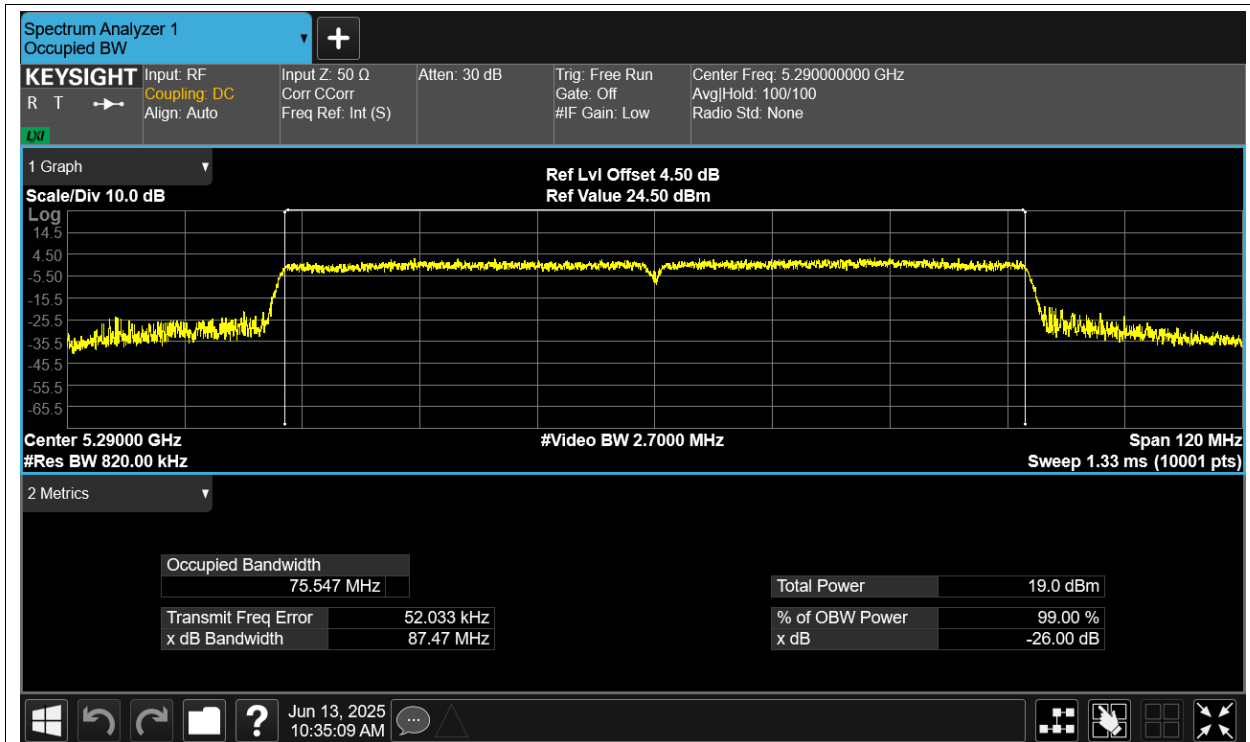
OBW NVNT ac40 5270MHz Ant1



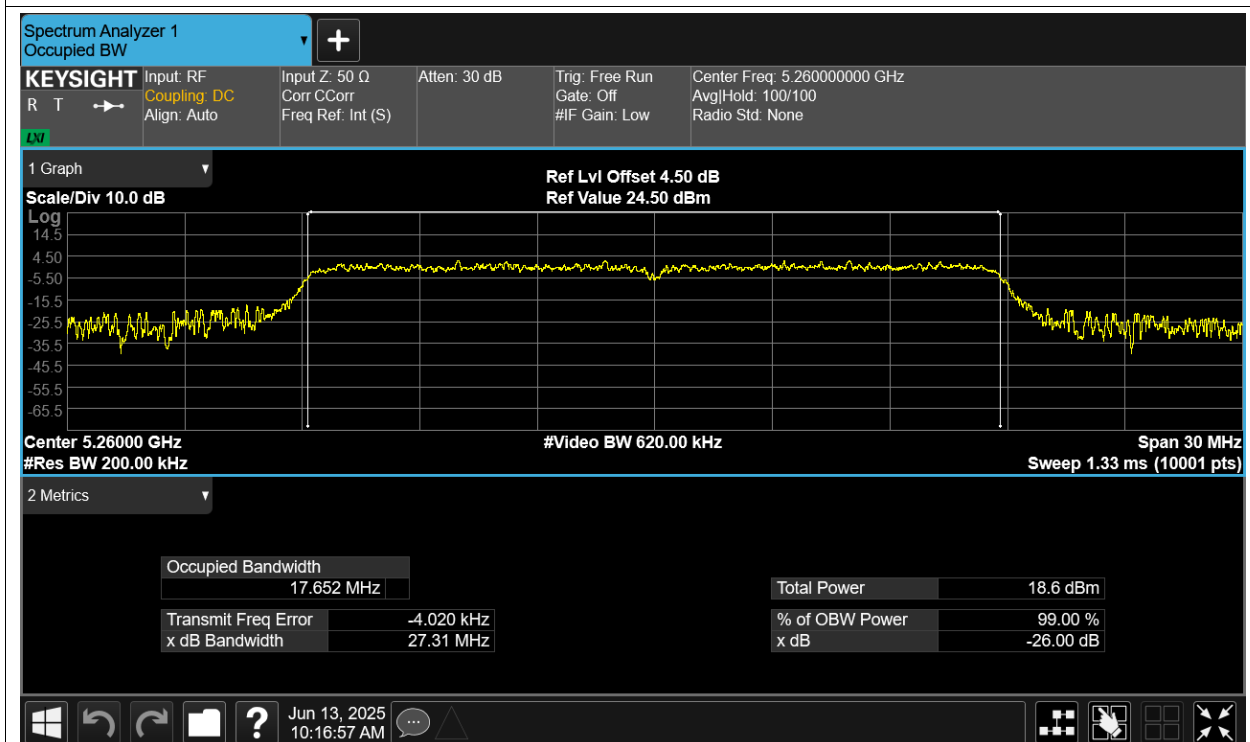
OBW NVNT ac40 5310MHz Ant1



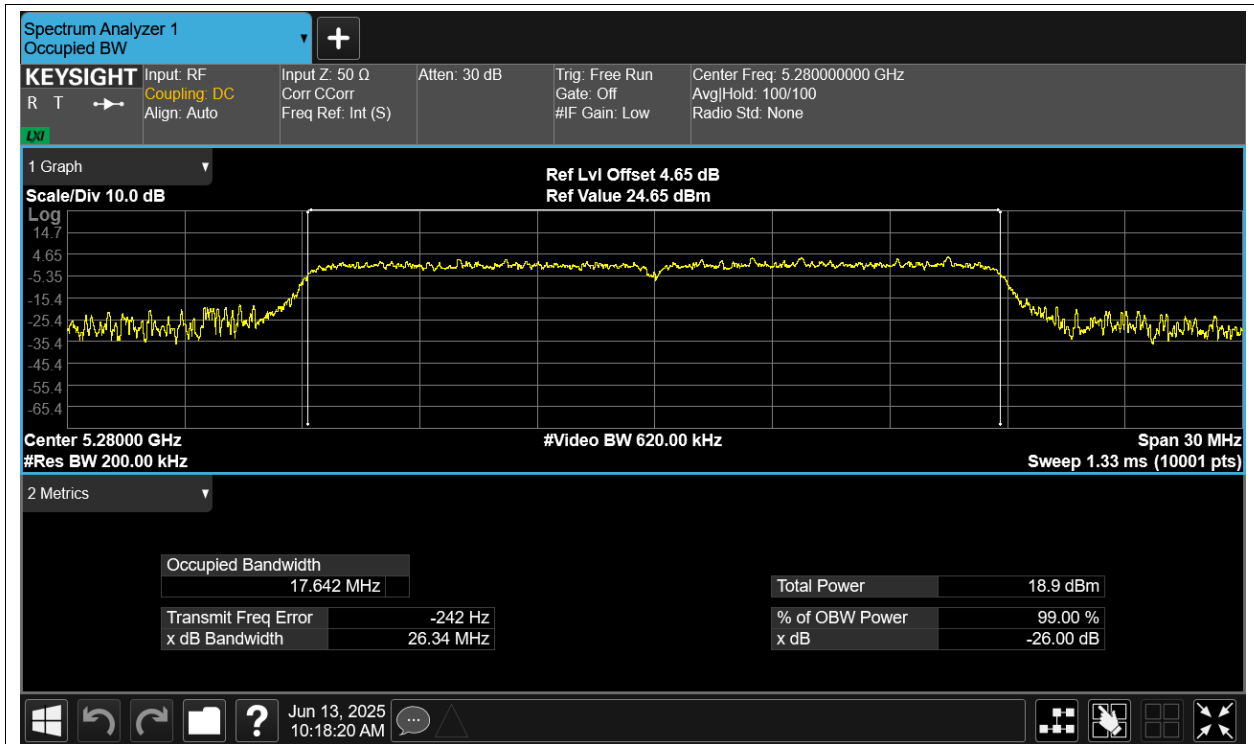
OBW NVNT ac80 5290MHz Ant1



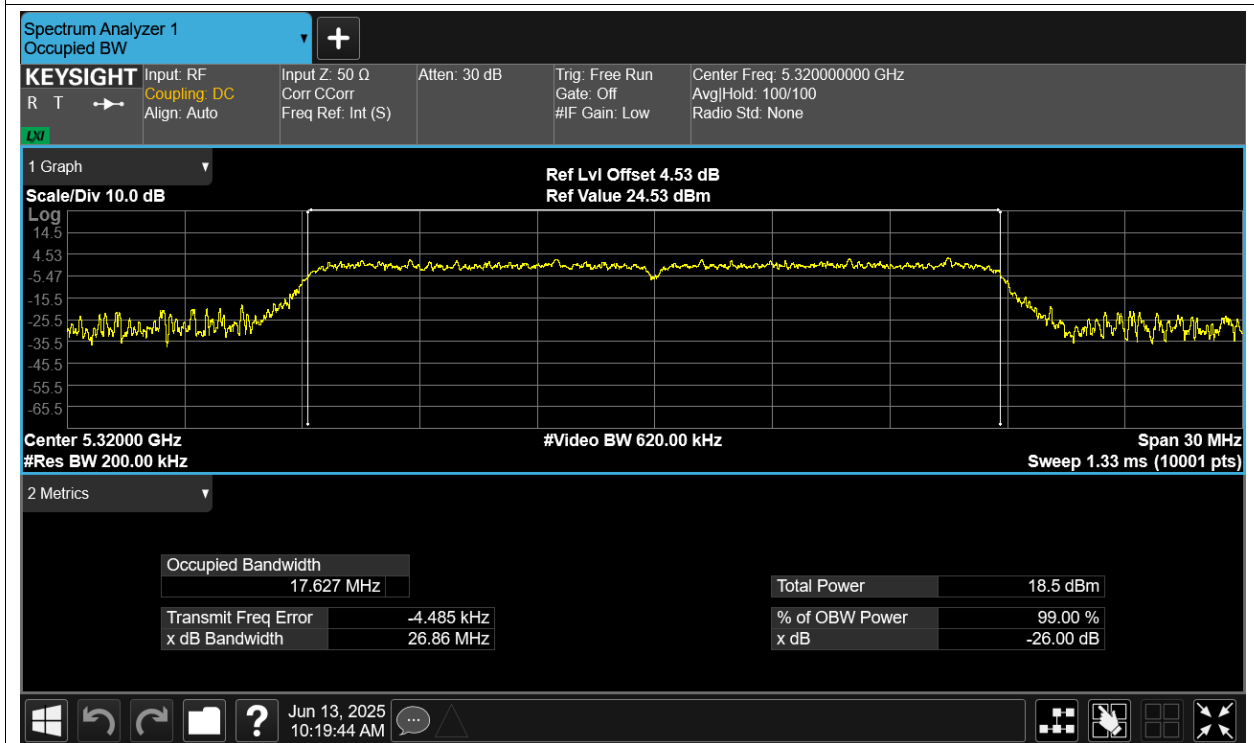
OBW NVNT n20 5260MHz Ant1



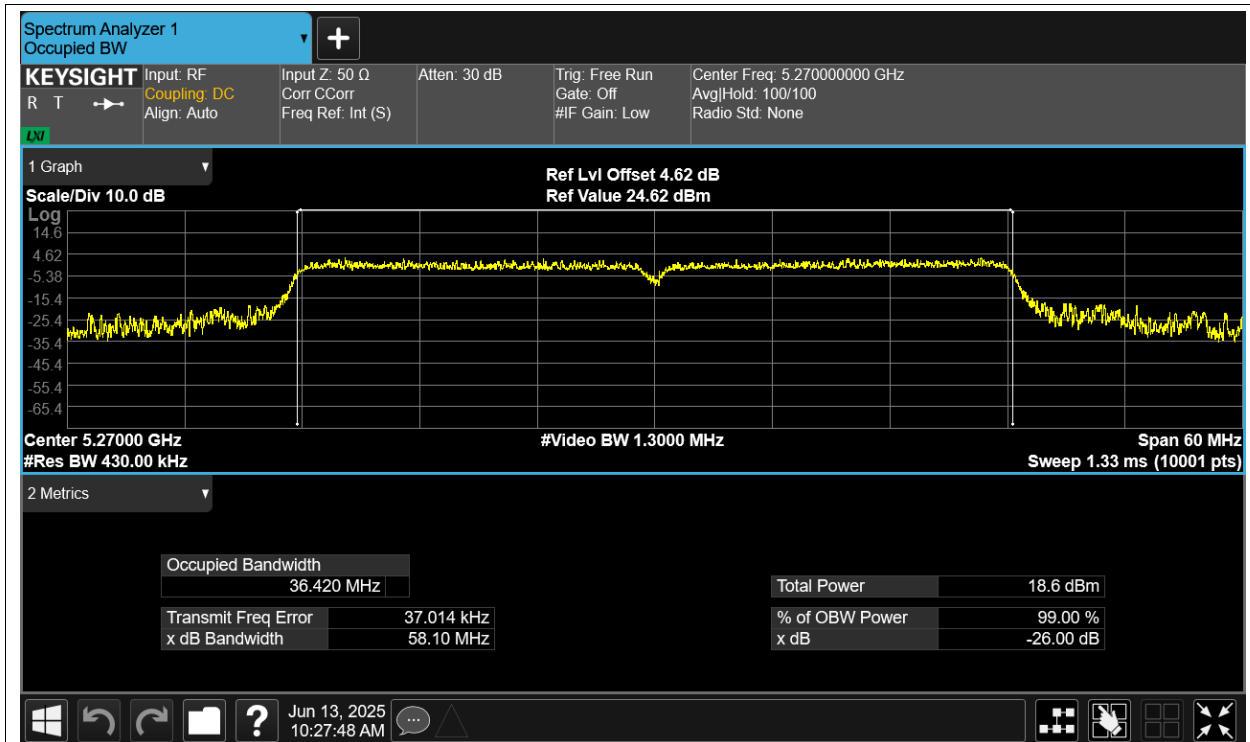
OBW NVNT n20 5280MHz Ant1



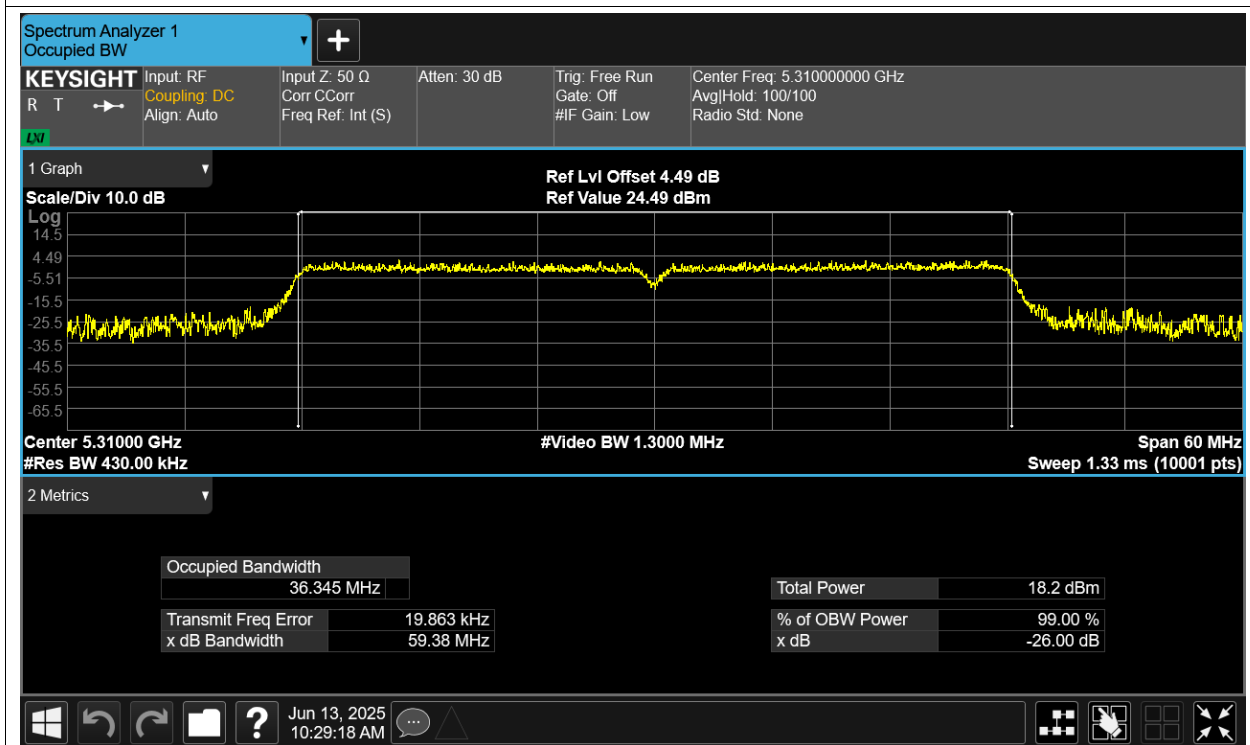
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1

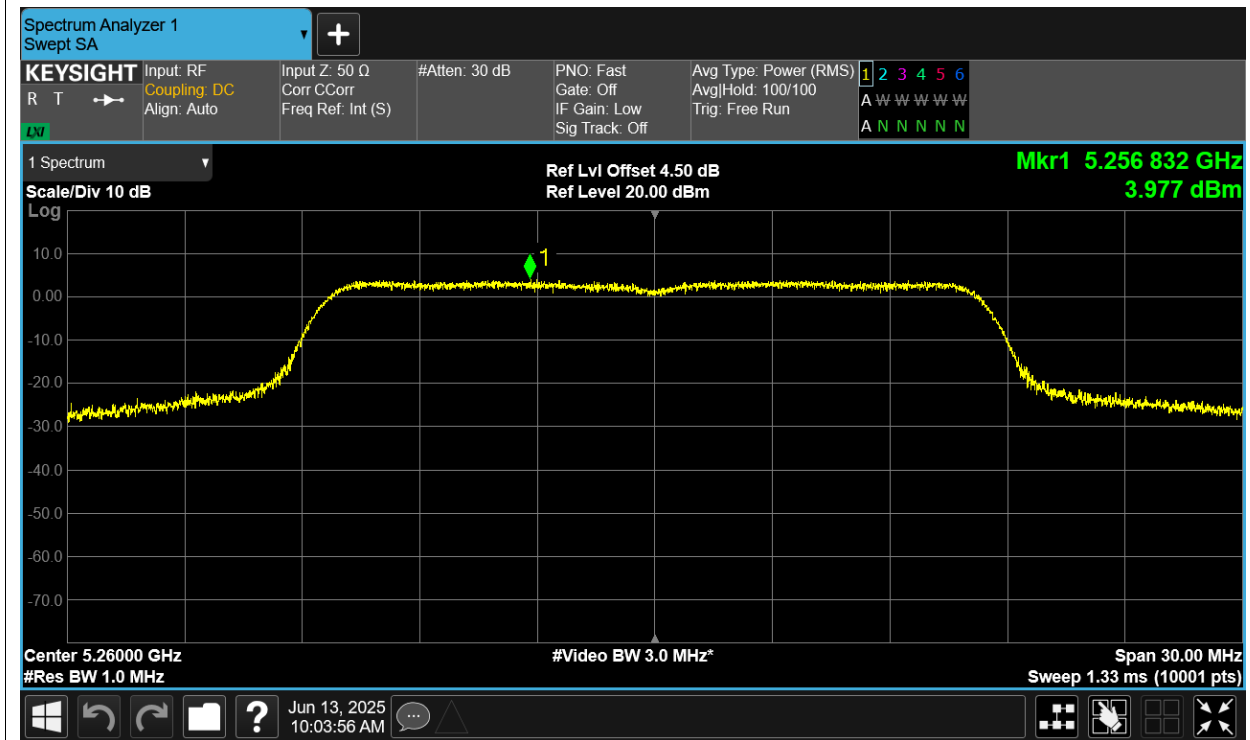


Maximum Power Spectral Density Level

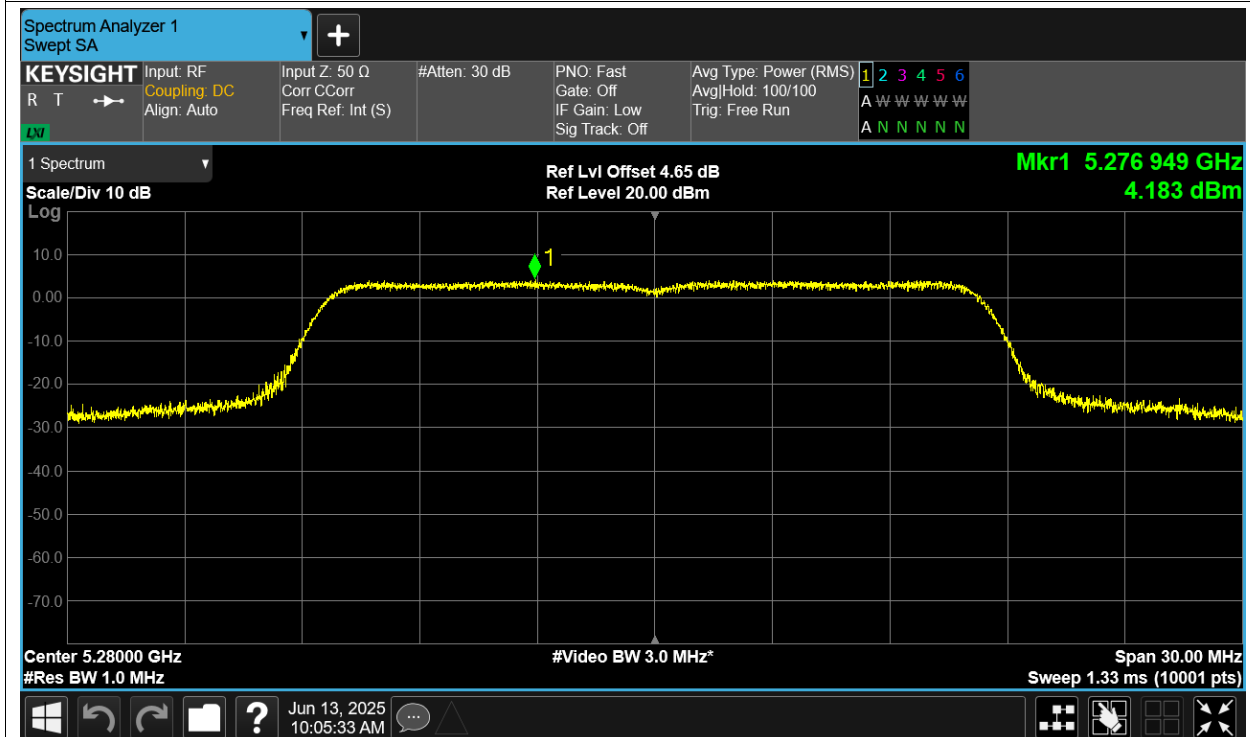
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	3.977	11	Pass
NVNT	a	5280	Ant1	4.183	11	Pass
NVNT	a	5320	Ant1	3.82	11	Pass
NVNT	ac20	5260	Ant1	1.984	11	Pass
NVNT	ac20	5280	Ant1	2.137	11	Pass
NVNT	ac20	5320	Ant1	1.823	11	Pass
NVNT	ac40	5270	Ant1	-1.075	11	Pass
NVNT	ac40	5310	Ant1	-1.334	11	Pass
NVNT	ac80	5290	Ant1	-5.017	11	Pass
NVNT	n20	5260	Ant1	1.99	11	Pass
NVNT	n20	5280	Ant1	2.109	11	Pass
NVNT	n20	5320	Ant1	1.593	11	Pass
NVNT	n40	5270	Ant1	-1.213	11	Pass
NVNT	n40	5310	Ant1	-1.399	11	Pass

Test Graphs

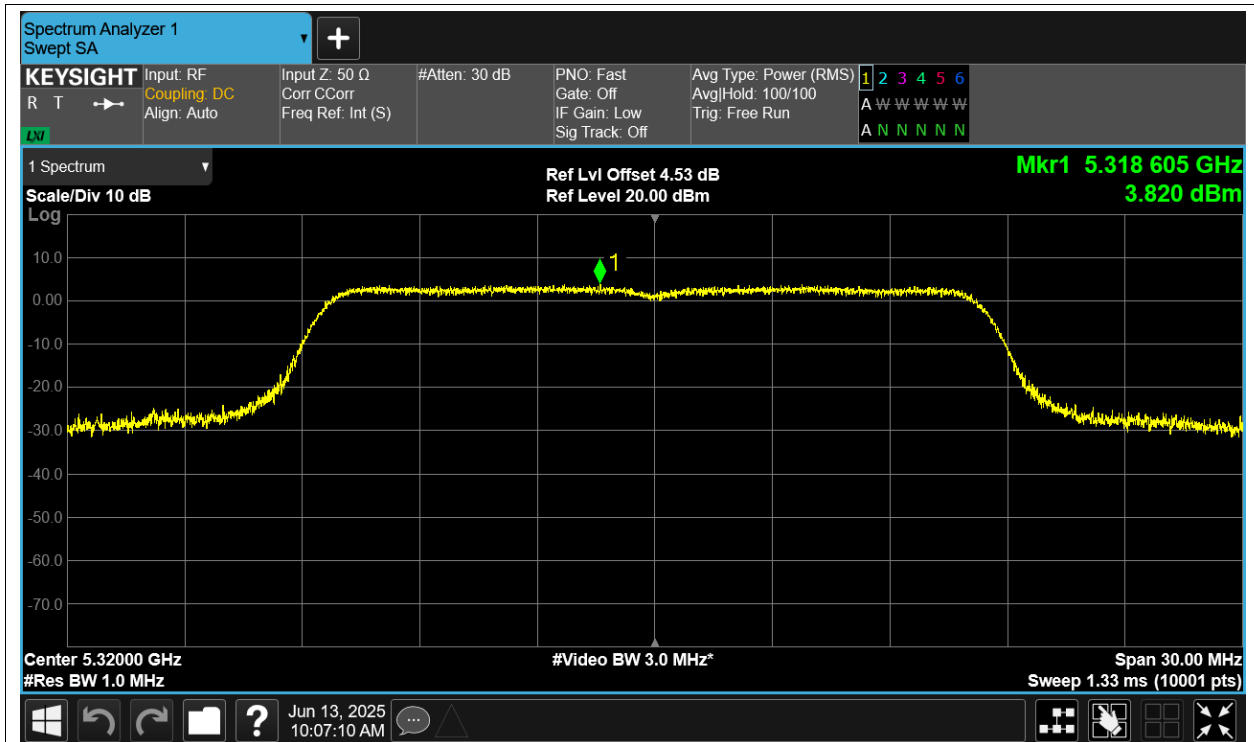
PSD NVNT a 5260MHz Ant1



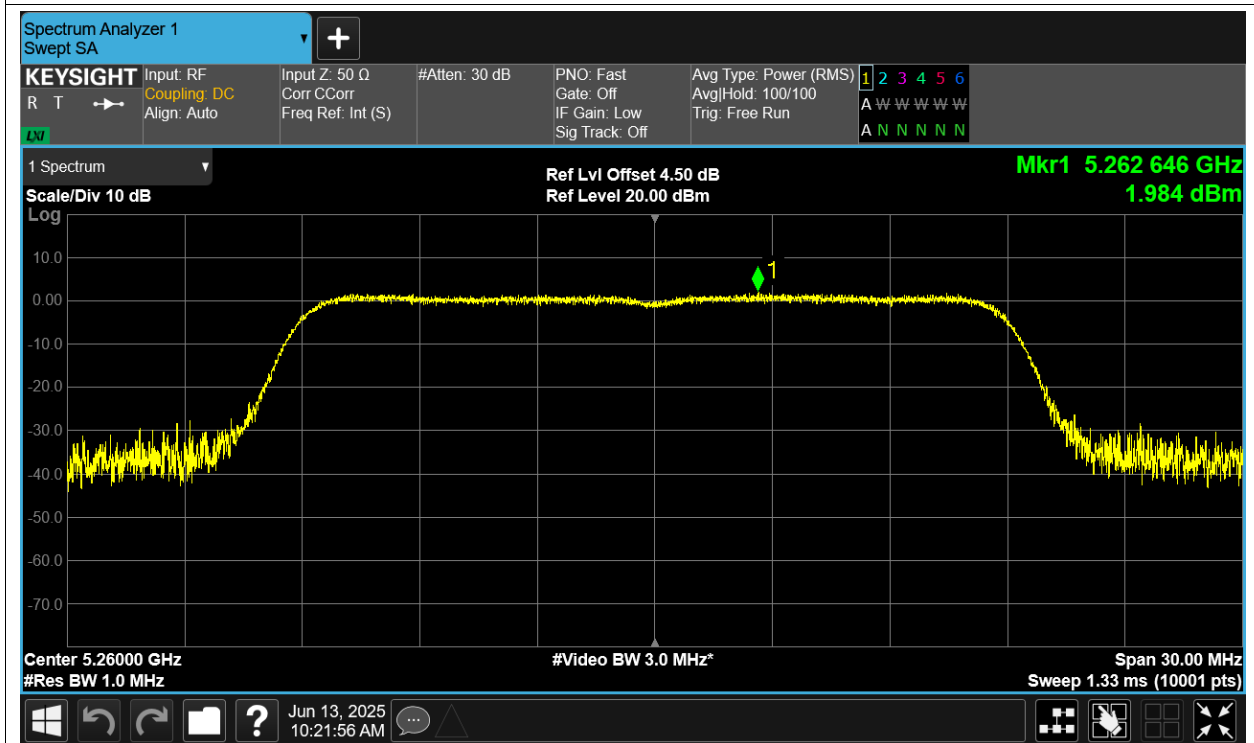
PSD NVNT a 5280MHz Ant1



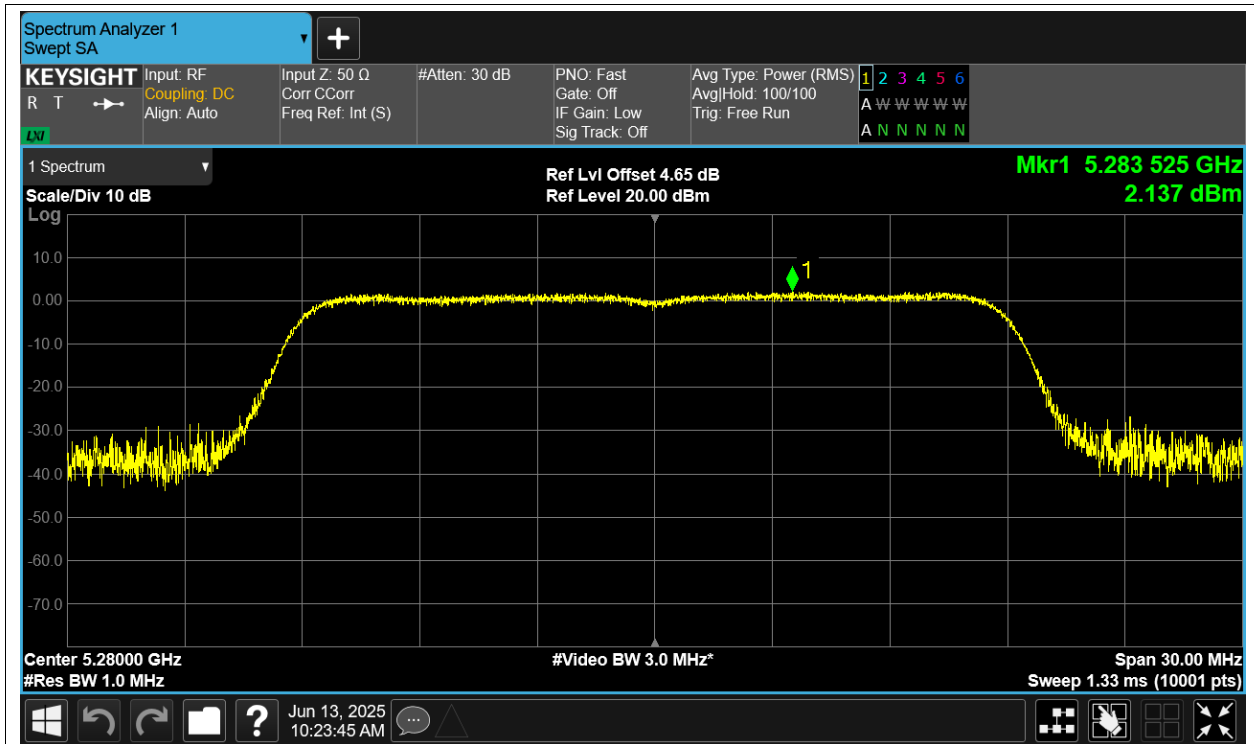
PSD NVNT a 5320MHz Ant1



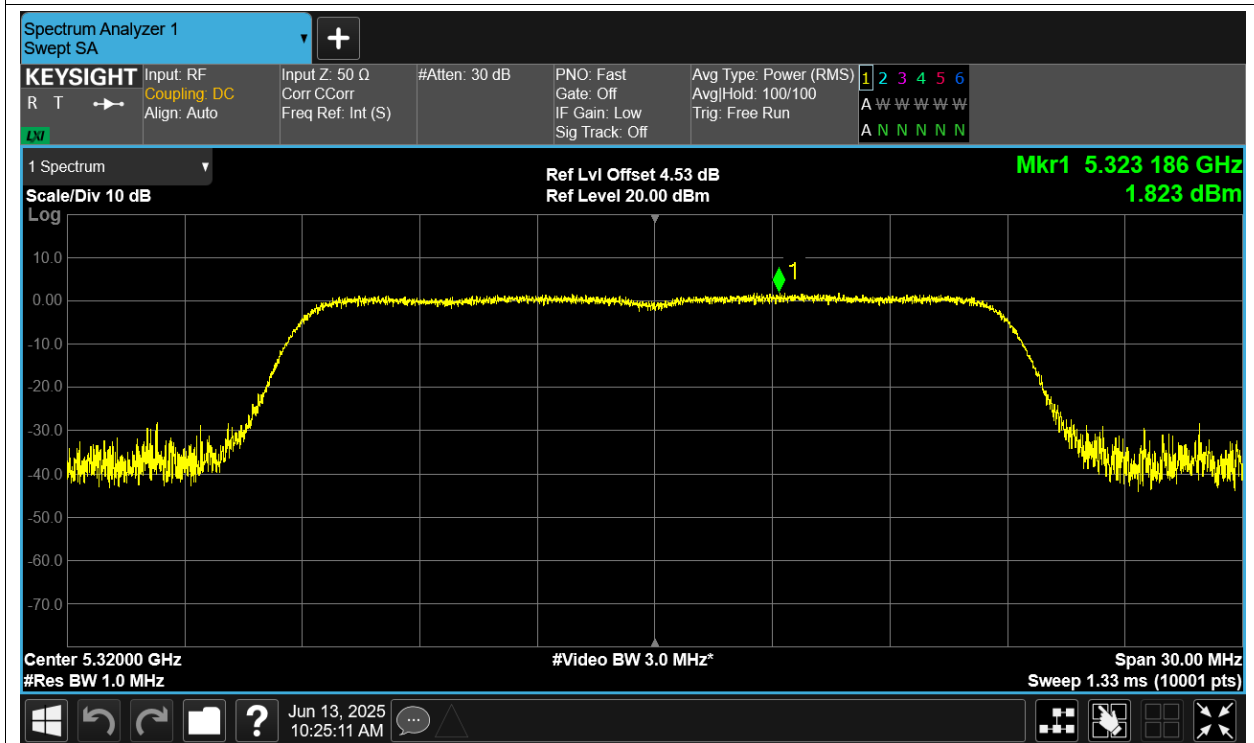
PSD NVNT ac20 5260MHz Ant1



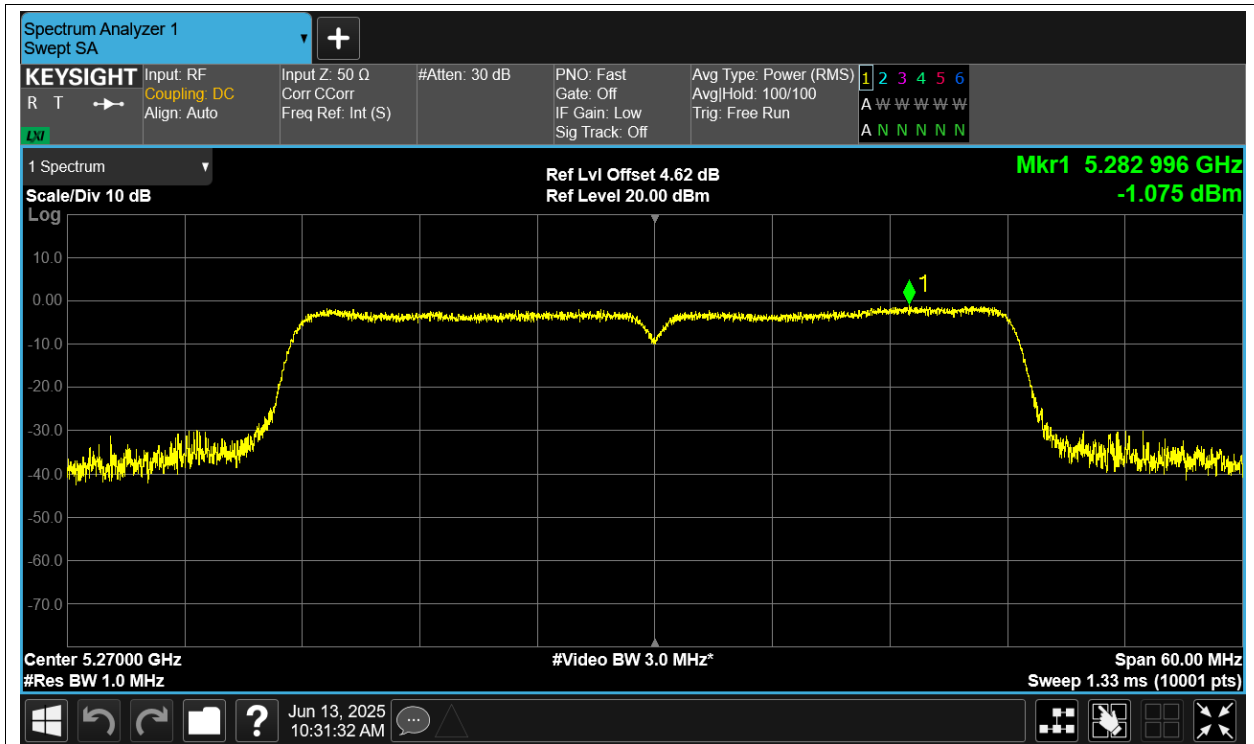
PSD NVNT ac20 5280MHz Ant1



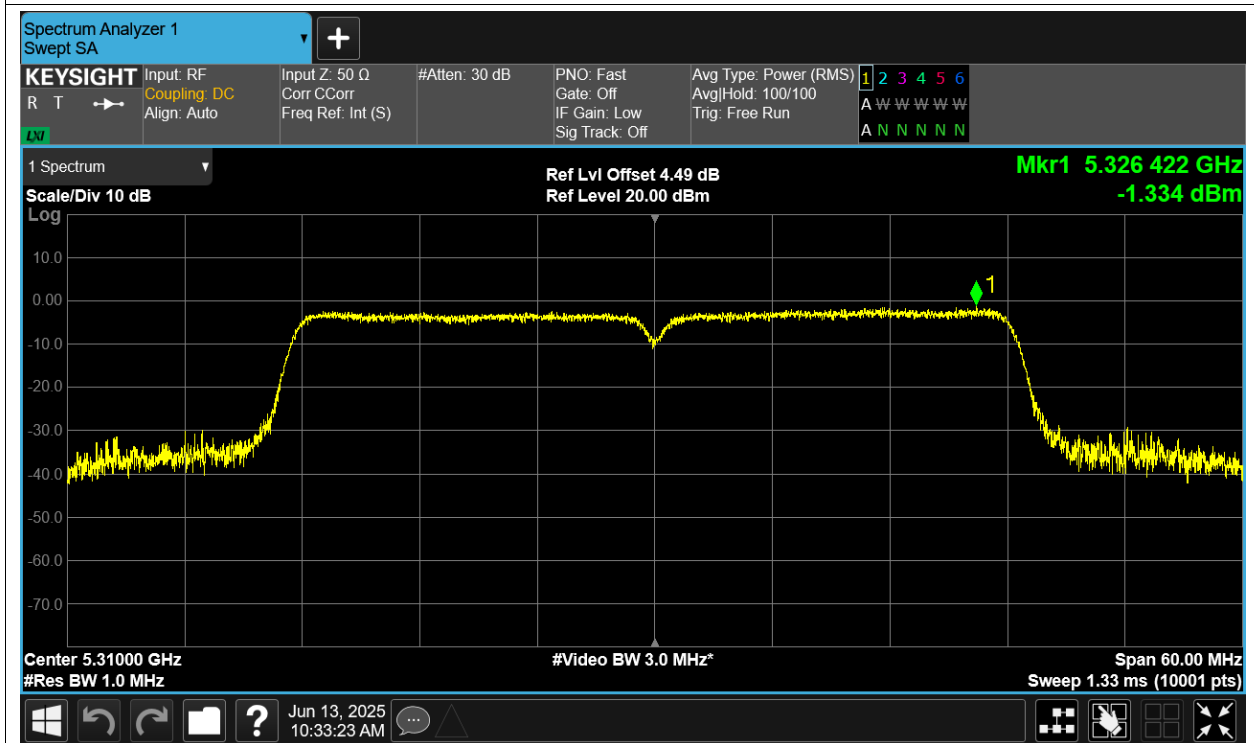
PSD NVNT ac20 5320MHz Ant1



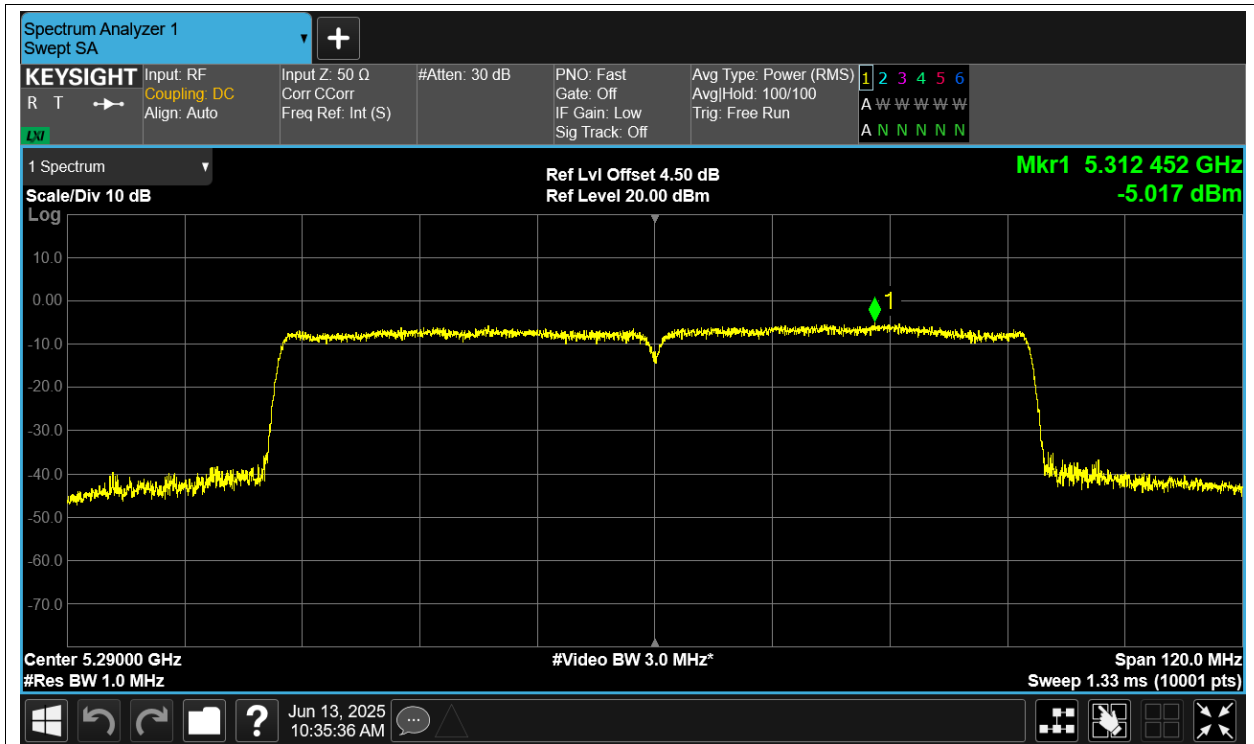
PSD NVNT ac40 5270MHz Ant1



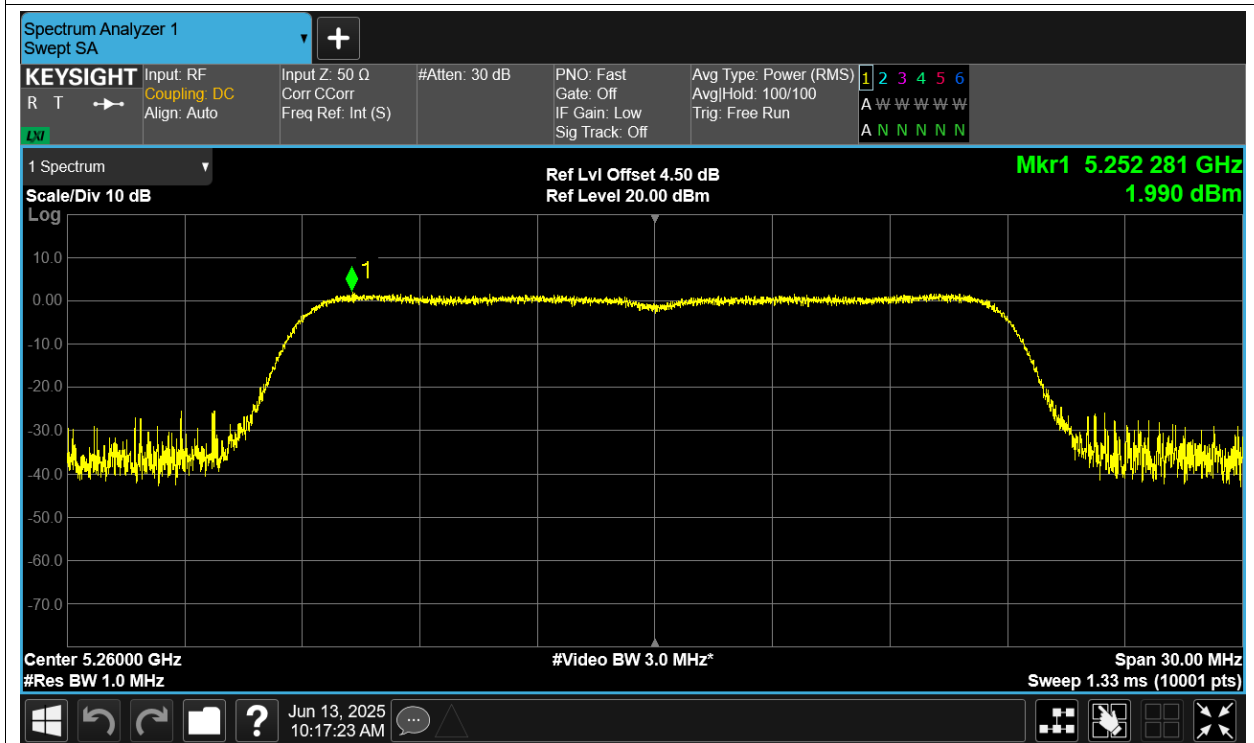
PSD NVNT ac40 5310MHz Ant1



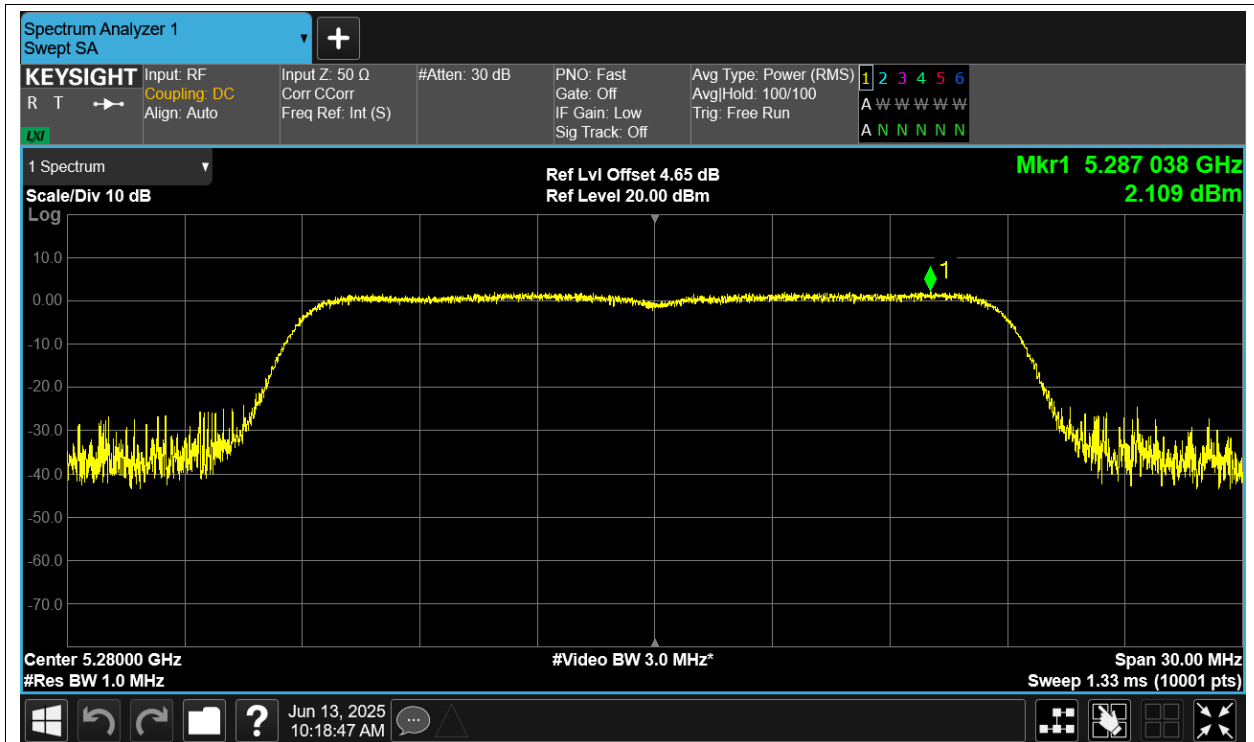
PSD NVNT ac80 5290MHz Ant1



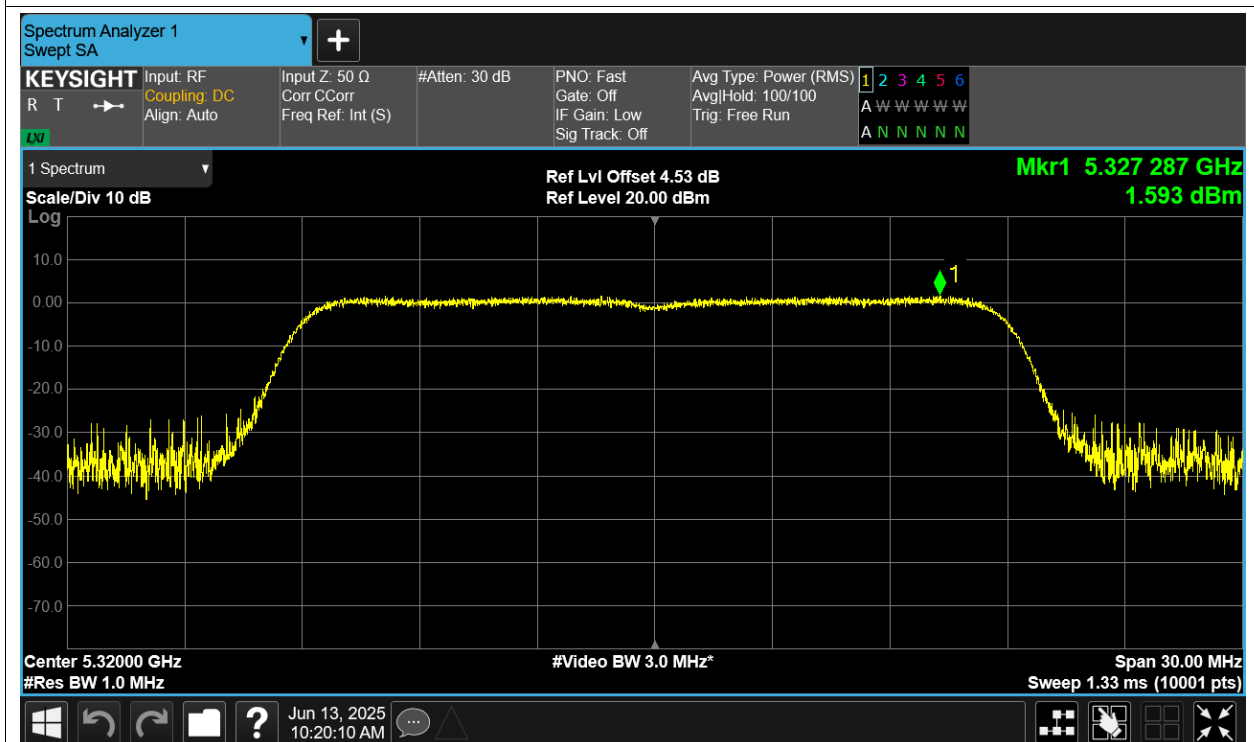
PSD NVNT n20 5260MHz Ant1



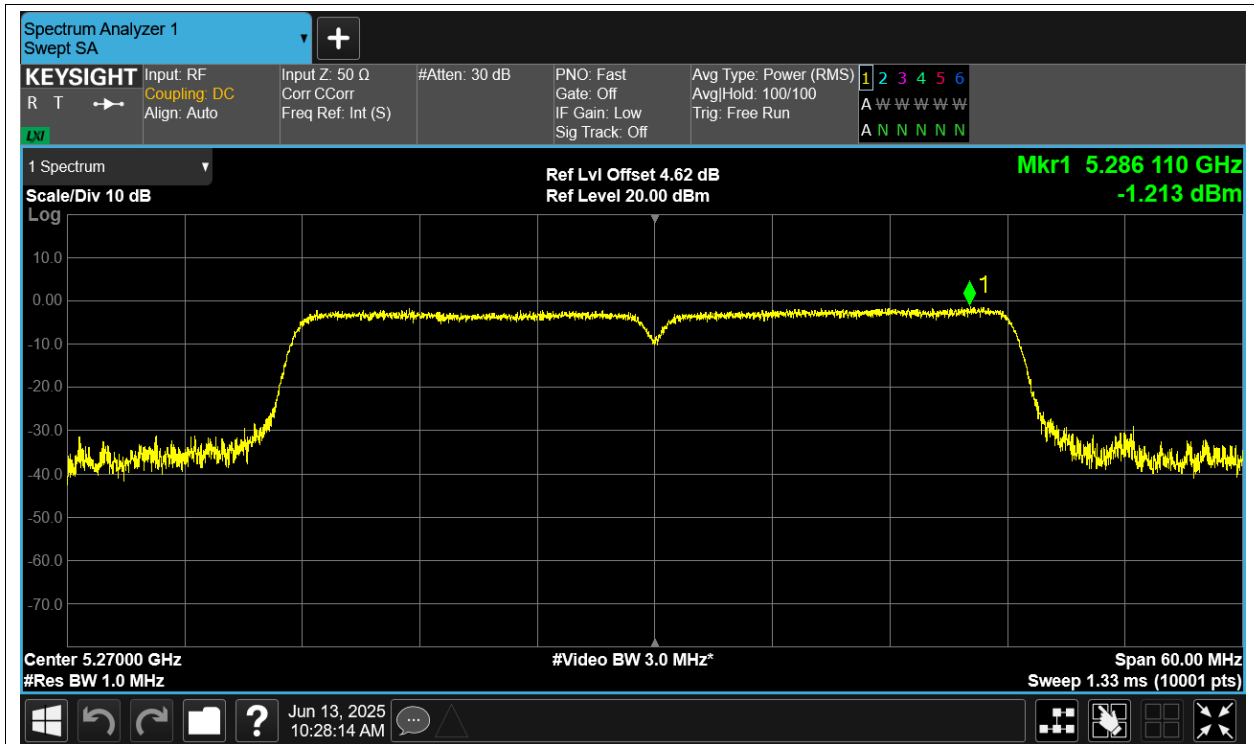
PSD NVNT n20 5280MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

