

Test Data

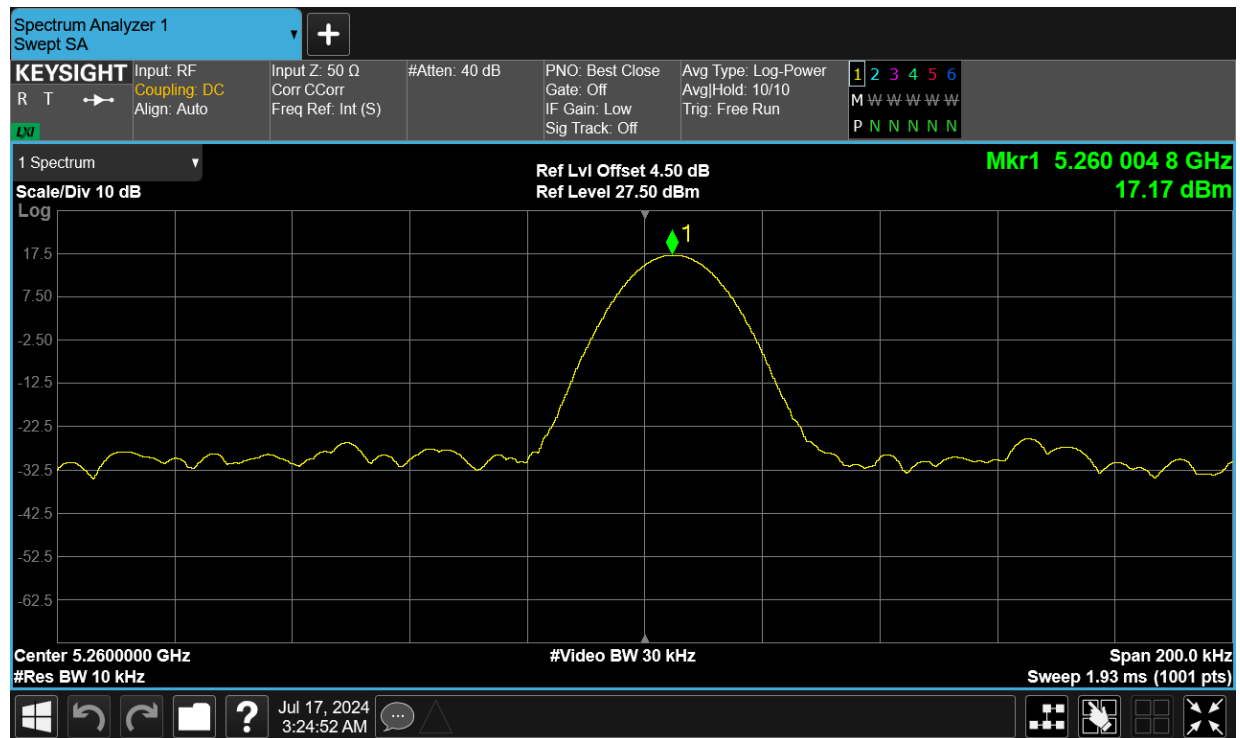
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5260.0048	0.91	Within authorized band	Pass
LVNT	a	5260	Ant1	5260.0048	0.91		Pass
NVHT	a	5260	Ant1	5260.0048	0.91		Pass
NVLT	a	5260	Ant1	5260.005	0.95		Pass
NVNT	a	5260	Ant1	5260.005	0.95		Pass
HVNT	ac80	5290	Ant1	5290.0044	0.83		Pass
LVNT	ac80	5290	Ant1	5290.0044	0.83		Pass
NVHT	ac80	5290	Ant1	5290.0044	0.83		Pass
NVLT	ac80	5290	Ant1	5290.0046	0.87		Pass
NVNT	ac80	5290	Ant1	5290.0046	0.87		Pass
HVNT	n40	5270	Ant1	5270.0048	0.91		Pass
LVNT	n40	5270	Ant1	5270.005	0.95		Pass
NVHT	n40	5270	Ant1	5270.0048	0.91		Pass
NVLT	n40	5270	Ant1	5270.005	0.95		Pass
NVNT	n40	5270	Ant1	5270.005	0.95		Pass

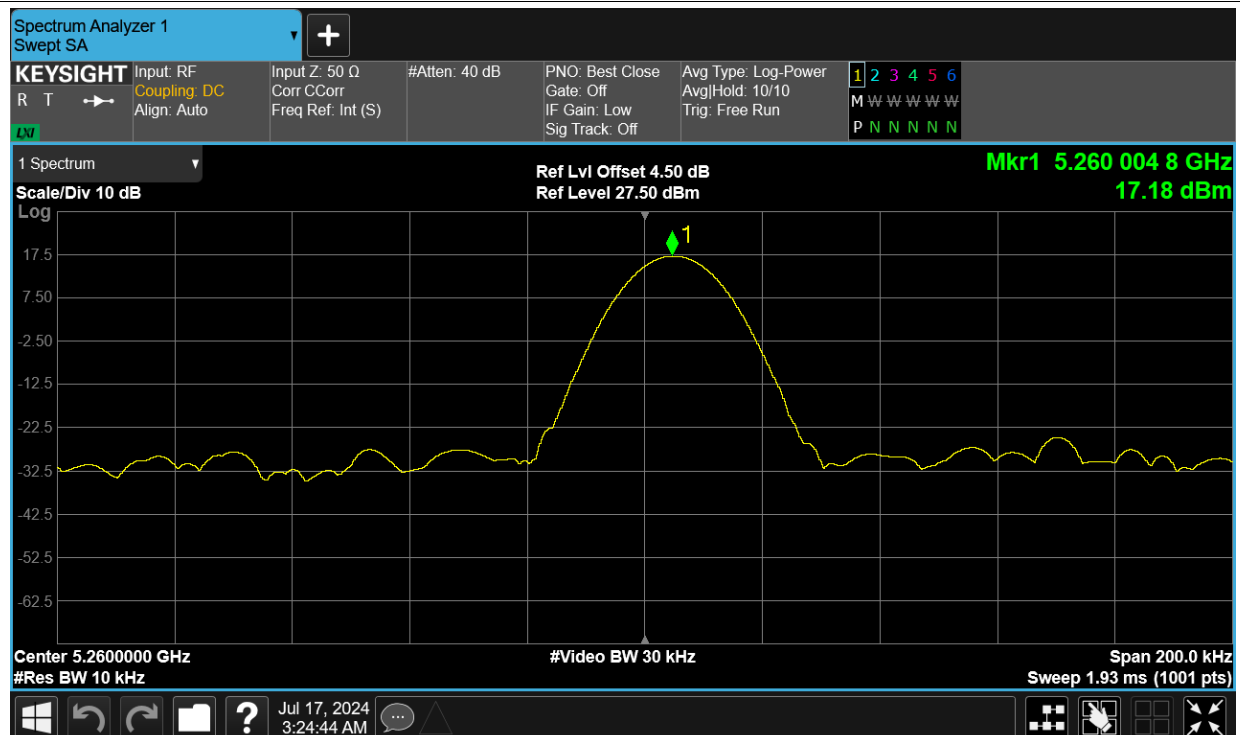
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

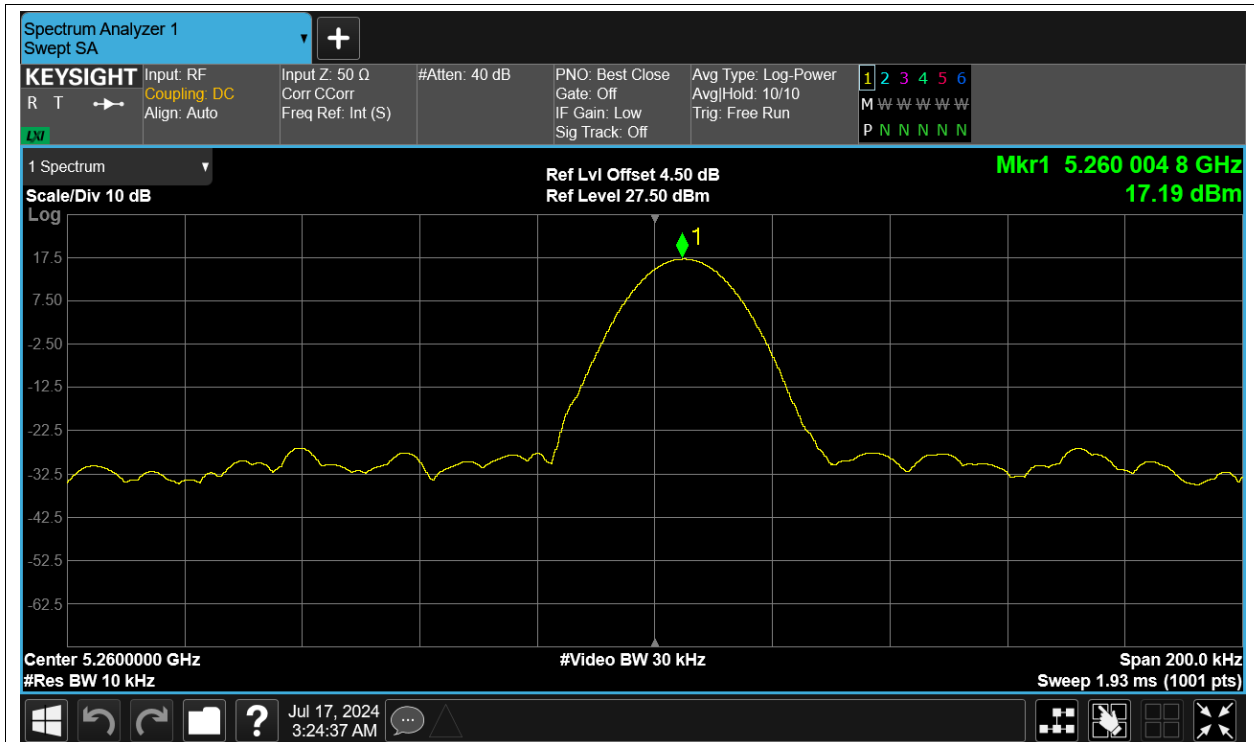
Freq. Stability HVNT a 5260MHz Ant1



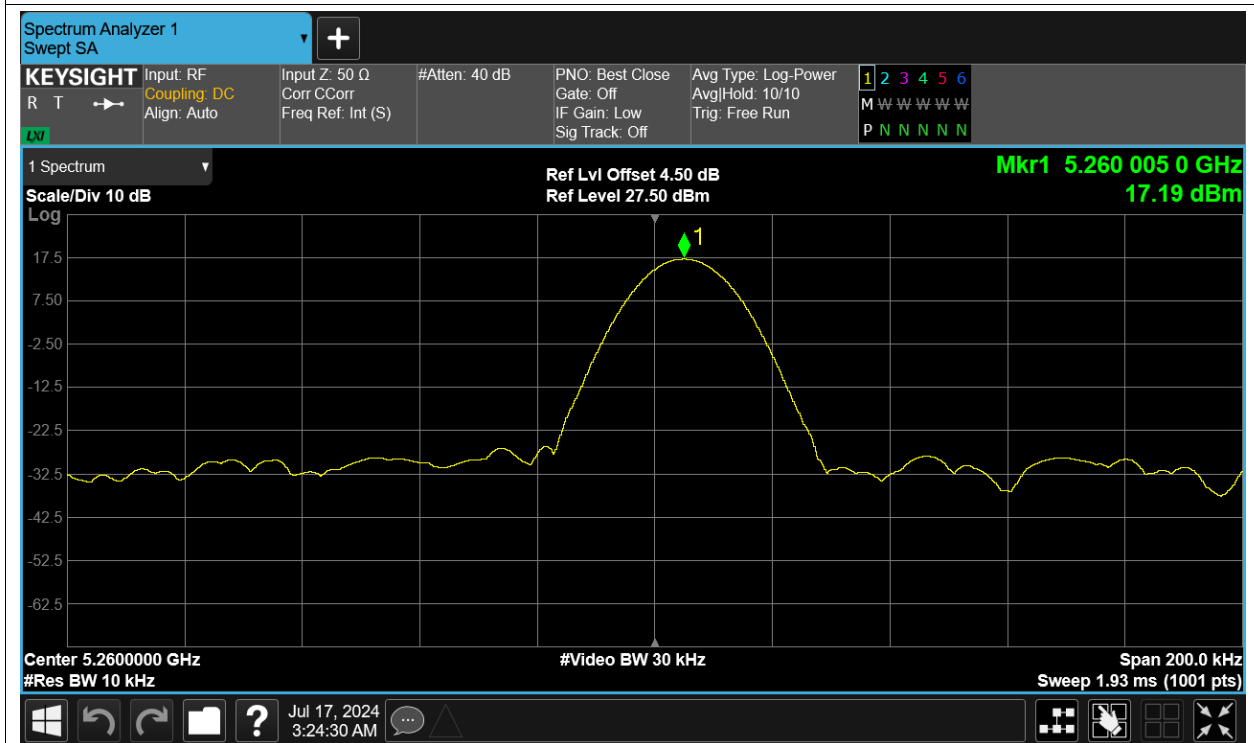
Freq. Stability LVNT a 5260MHz Ant1



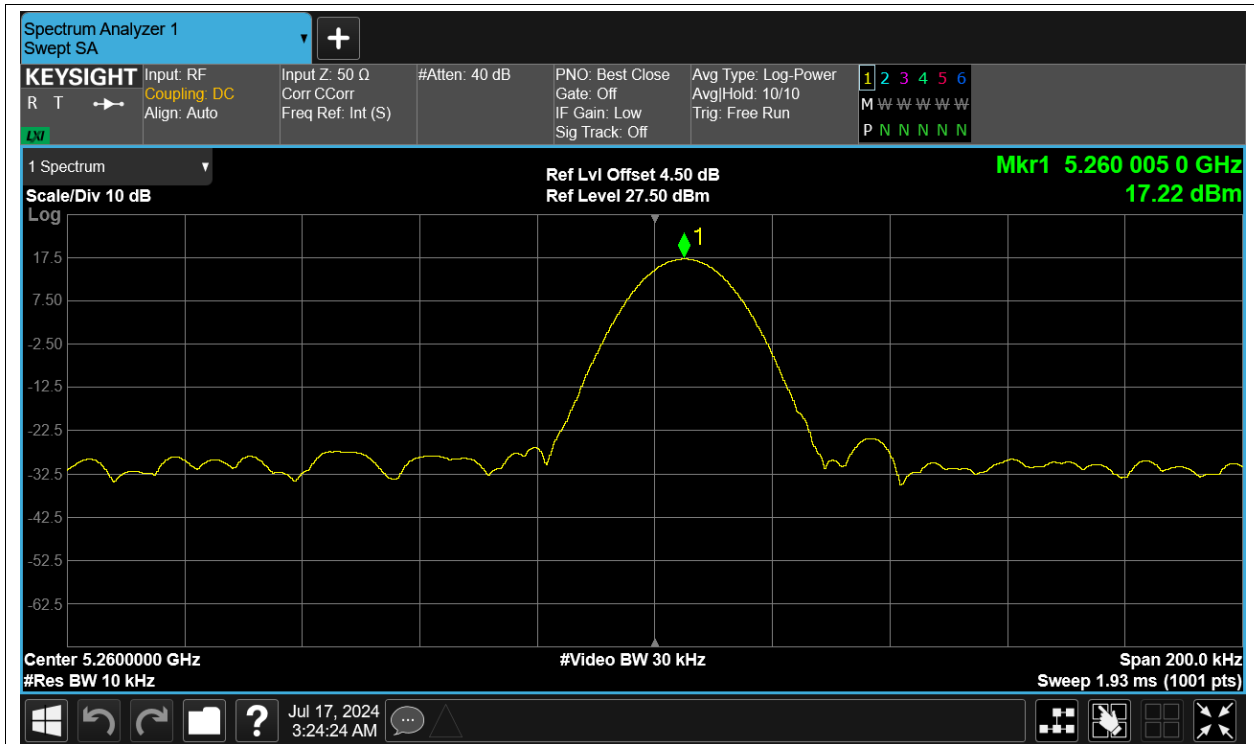
Freq. Stability NVHT a 5260MHz Ant1



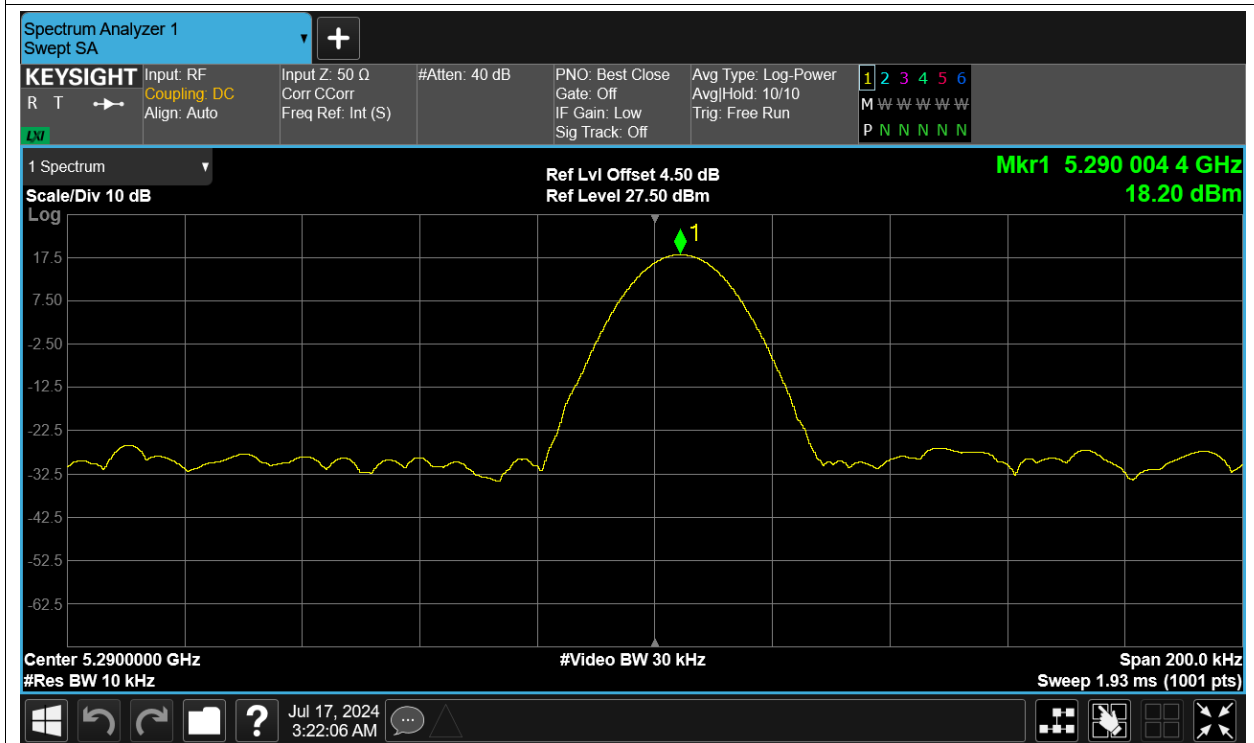
Freq. Stability NVLT a 5260MHz Ant1



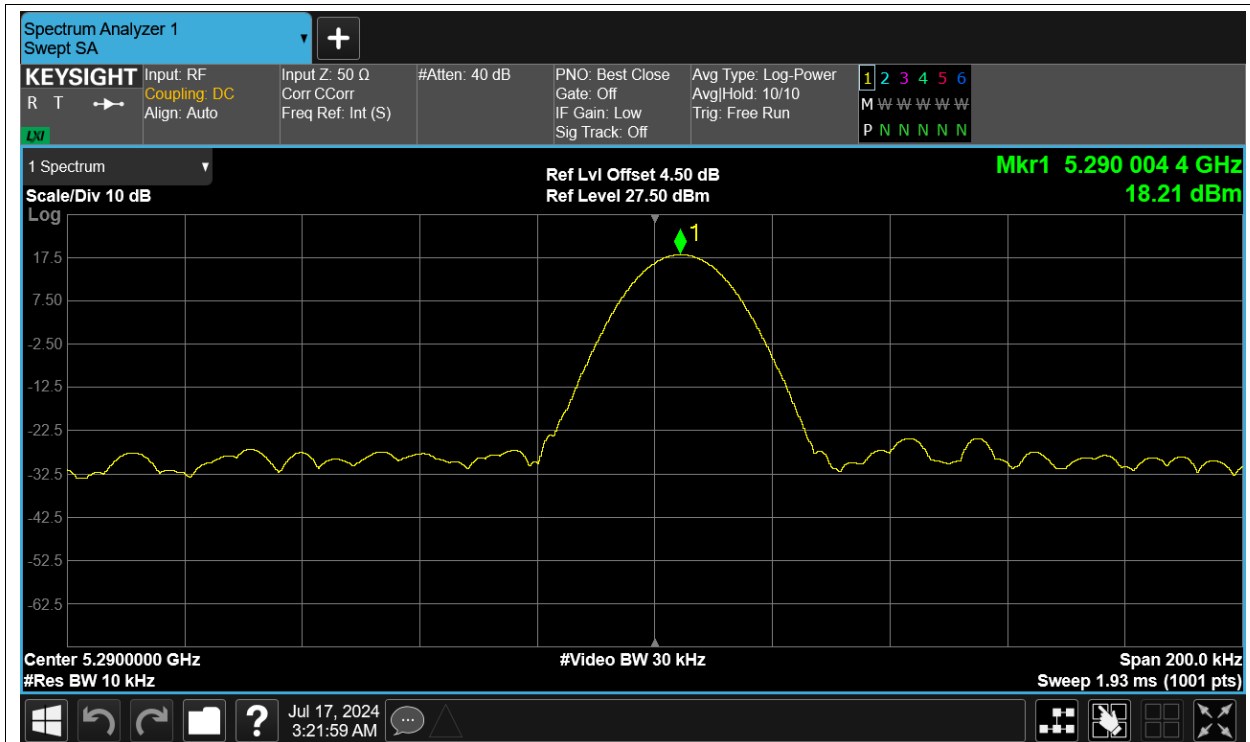
Freq. Stability NVNT a 5260MHz Ant1



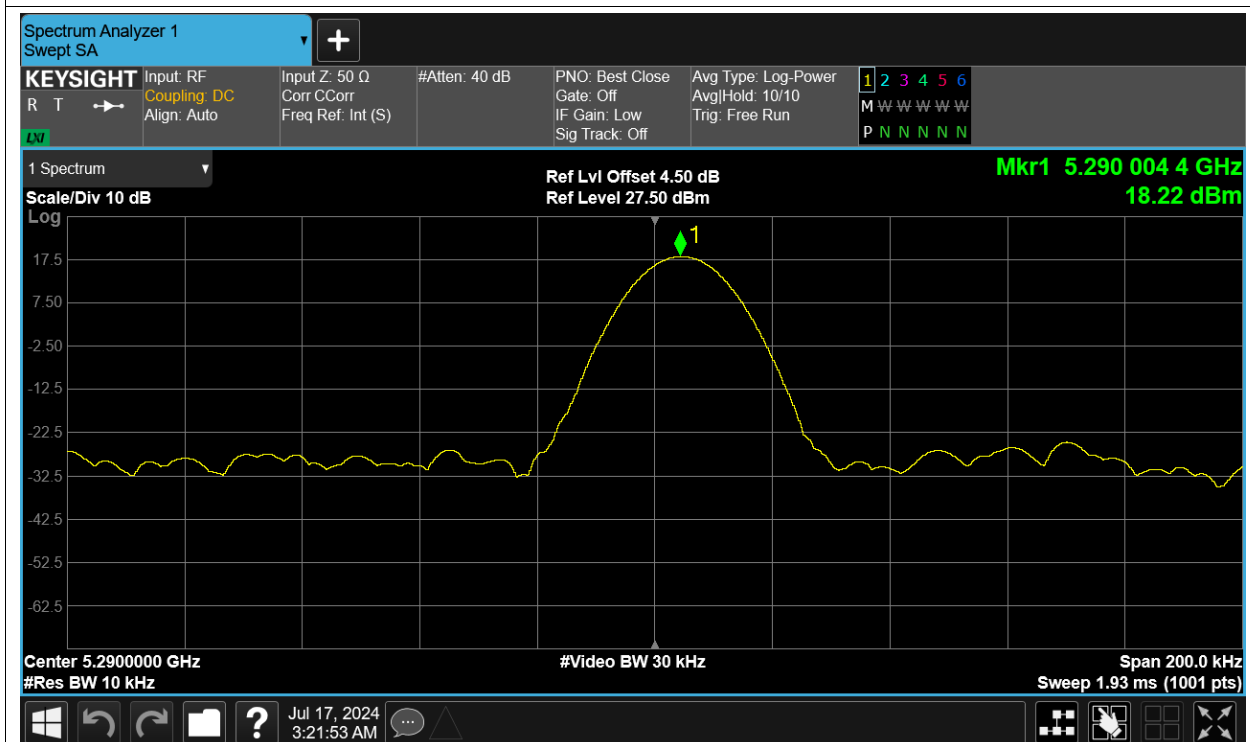
Freq. Stability HVNT ac80 5290MHz Ant1



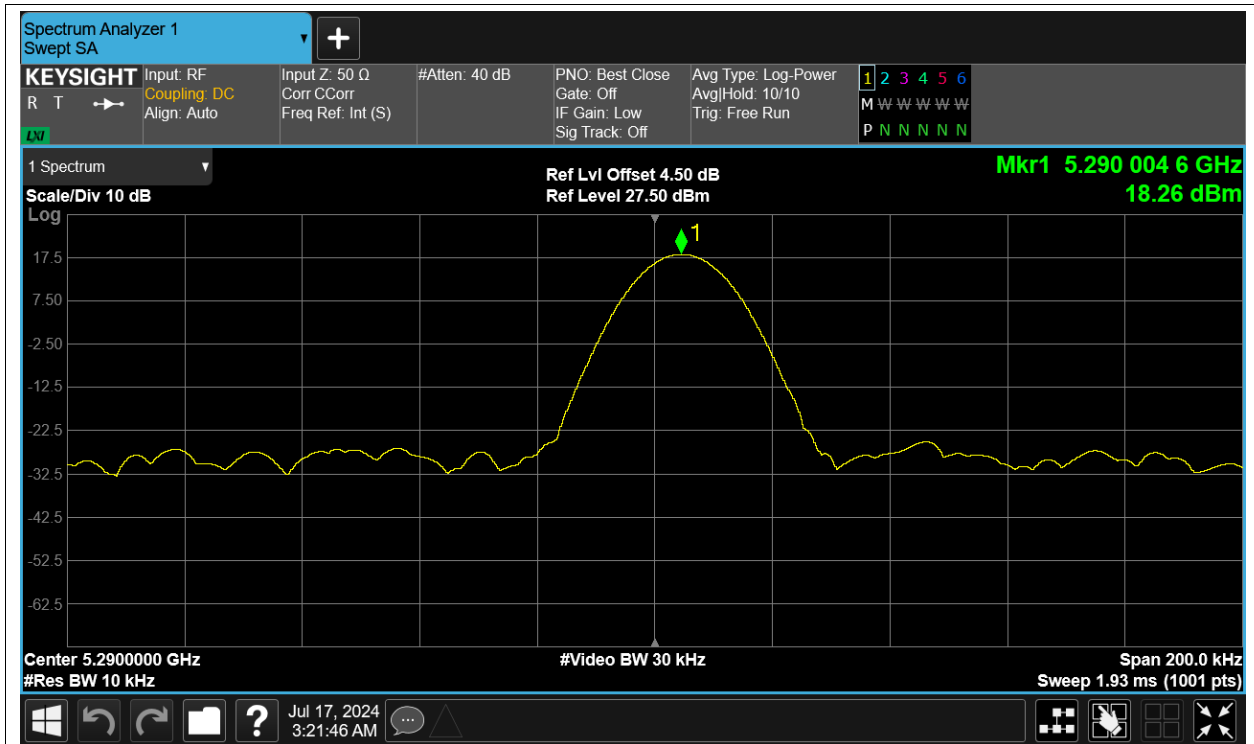
Freq. Stability LVNT ac80 5290MHz Ant1



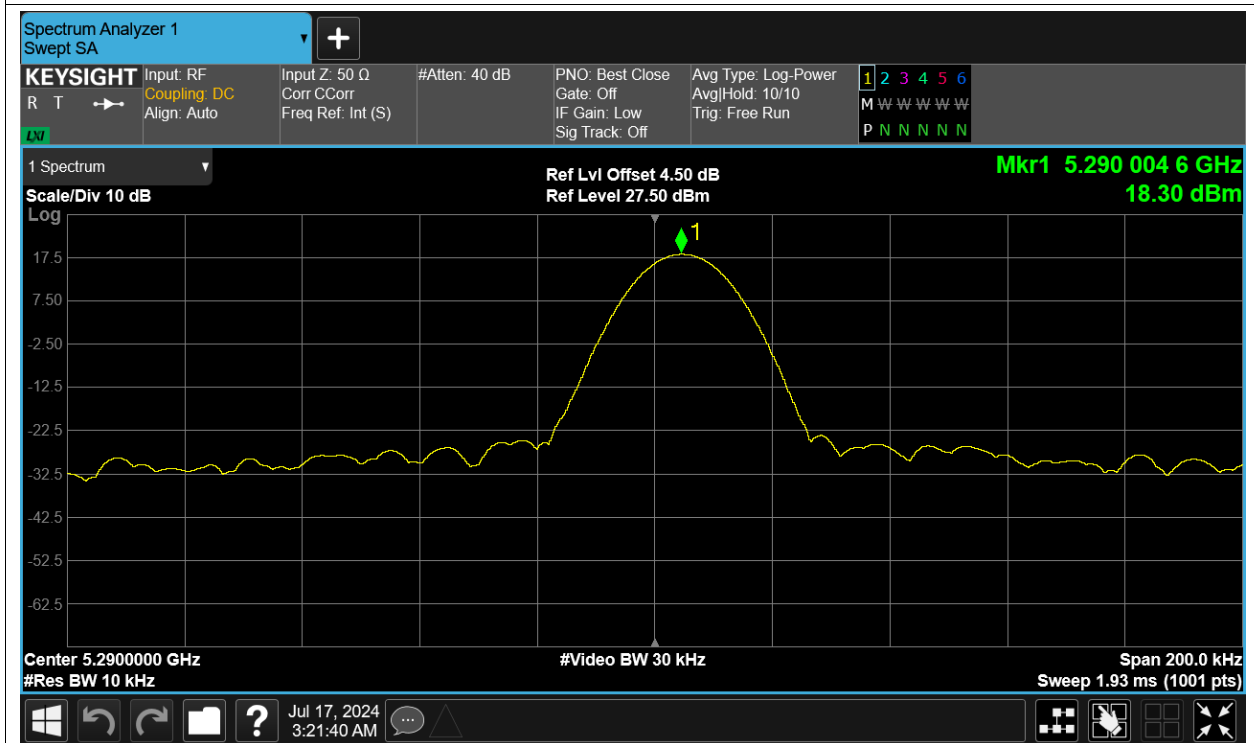
Freq. Stability NVHT ac80 5290MHz Ant1



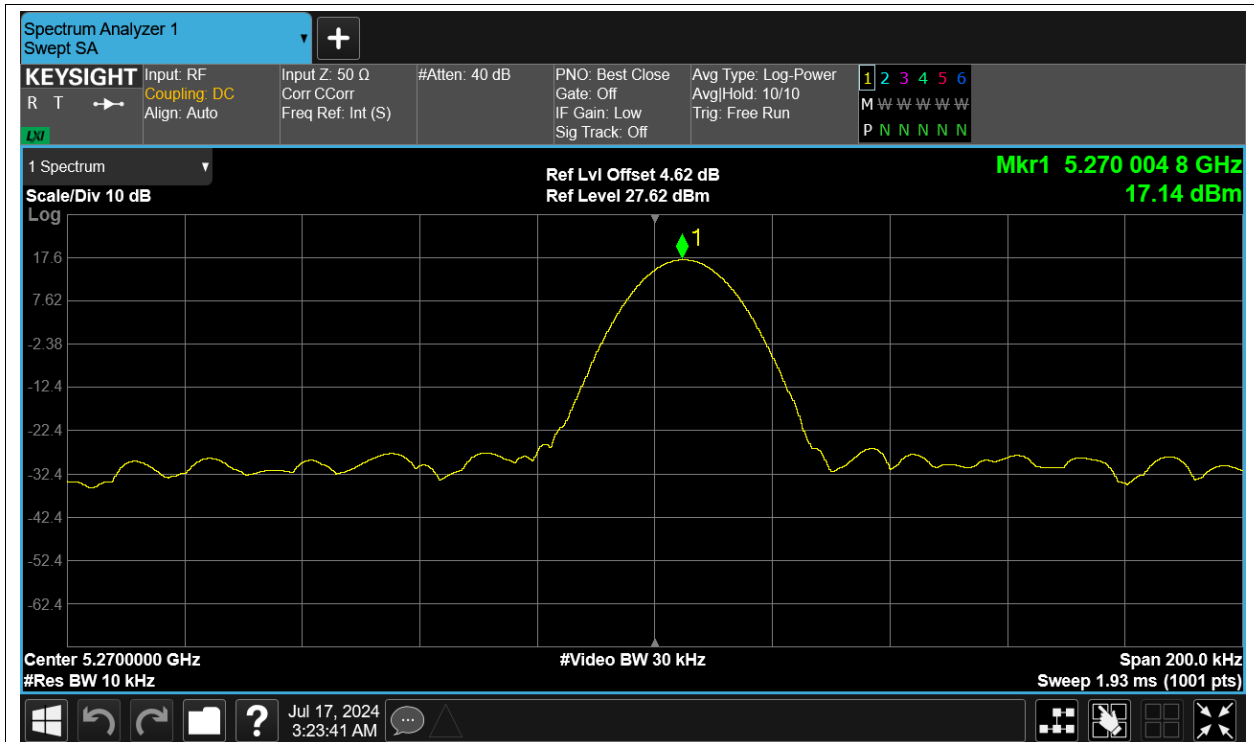
Freq. Stability NVLT ac80 5290MHz Ant1



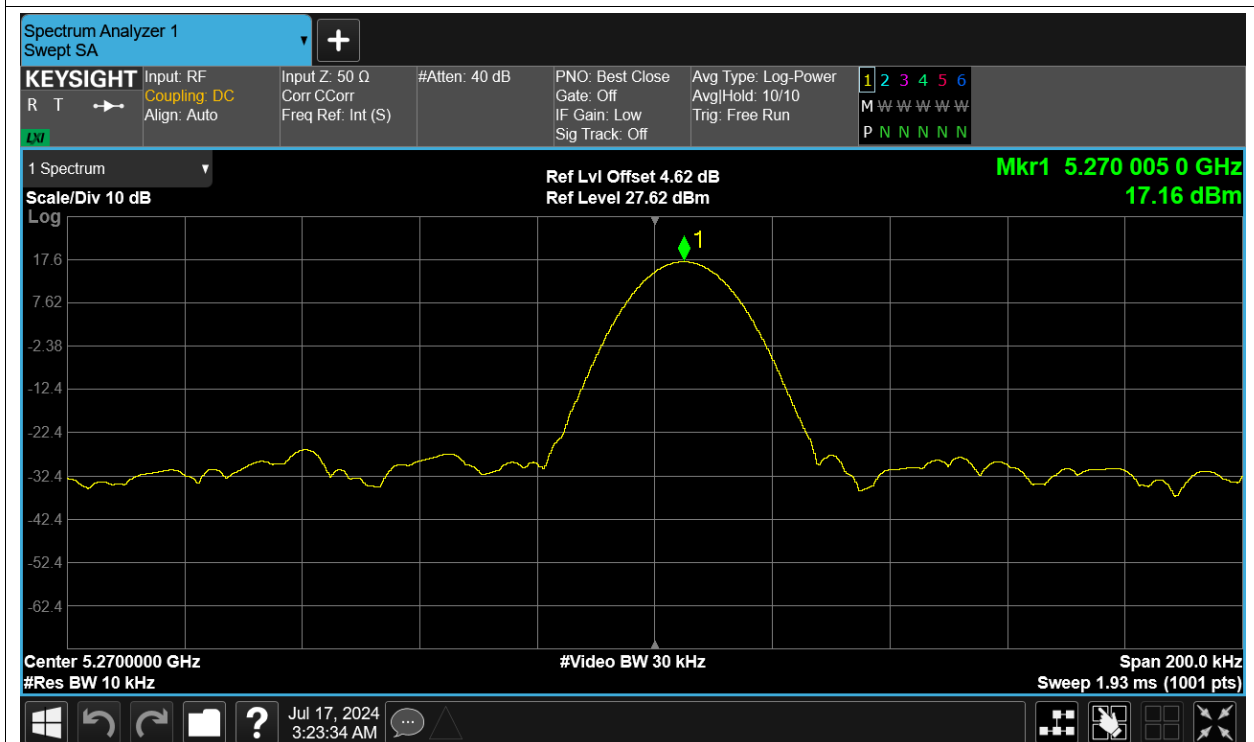
Freq. Stability NVNT ac80 5290MHz Ant1



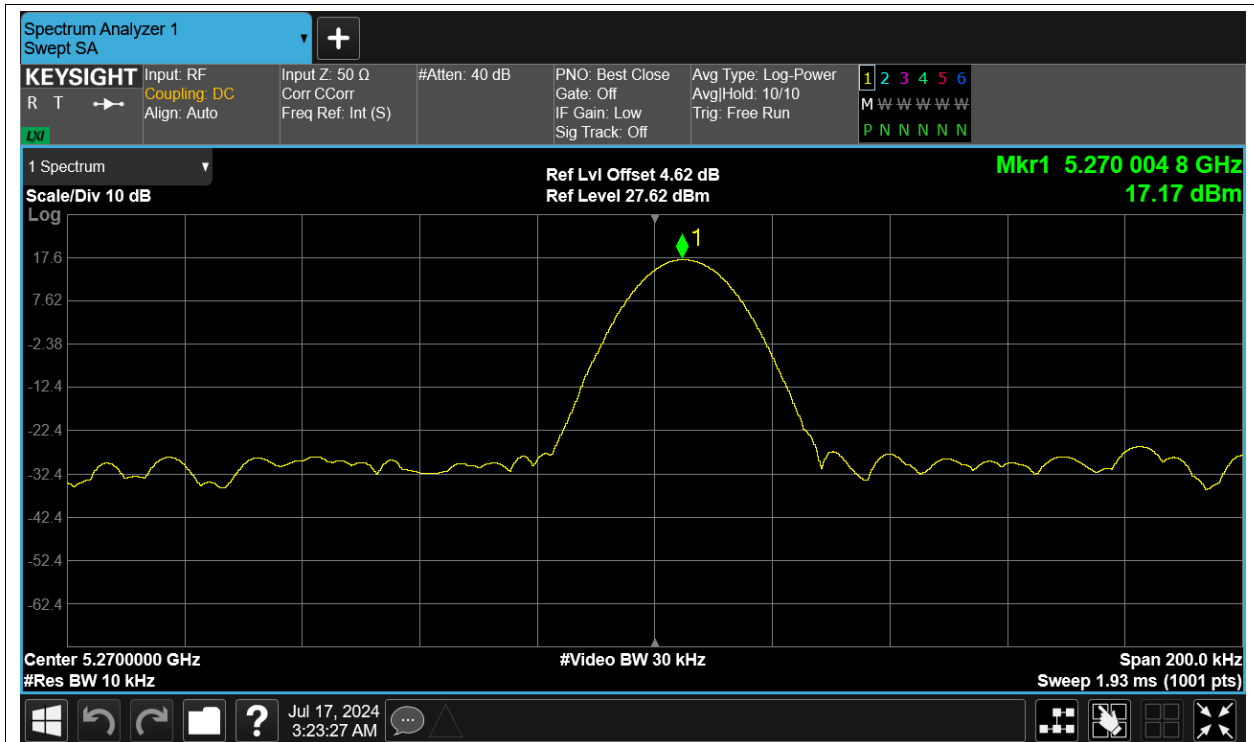
Freq. Stability HVNT n40 5270MHz Ant1



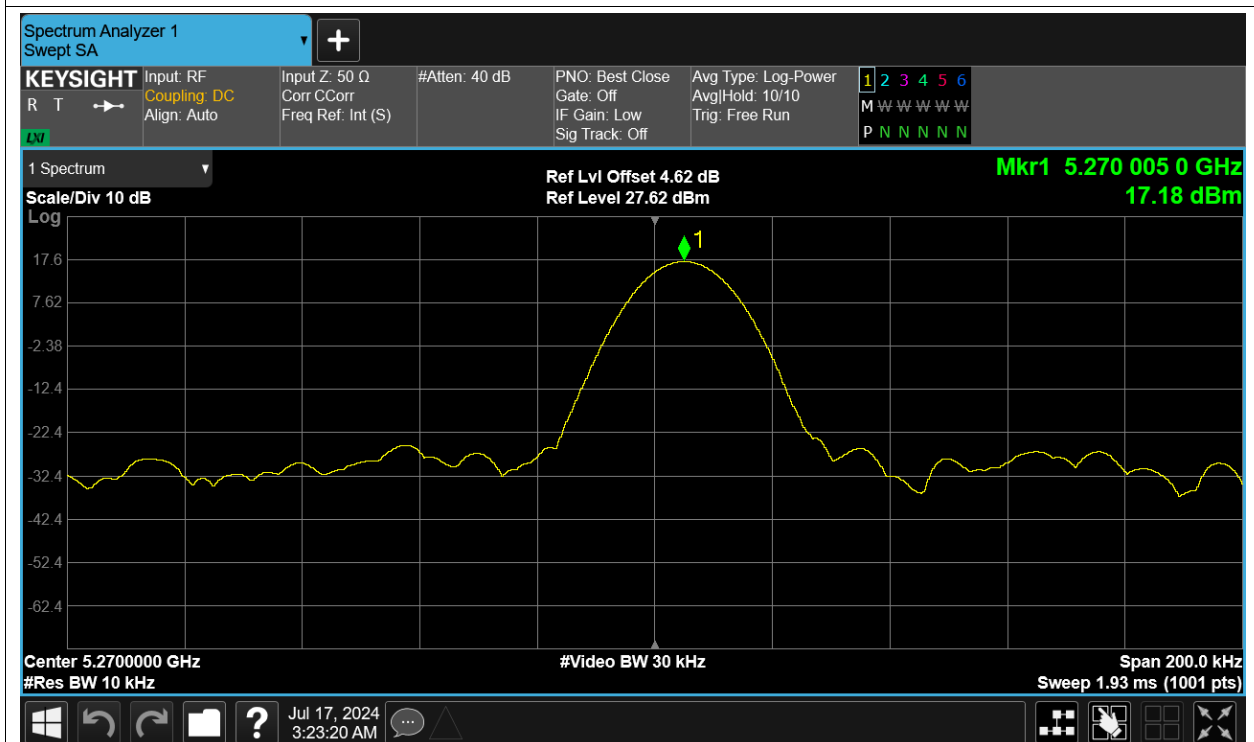
Freq. Stability LVNT n40 5270MHz Ant1



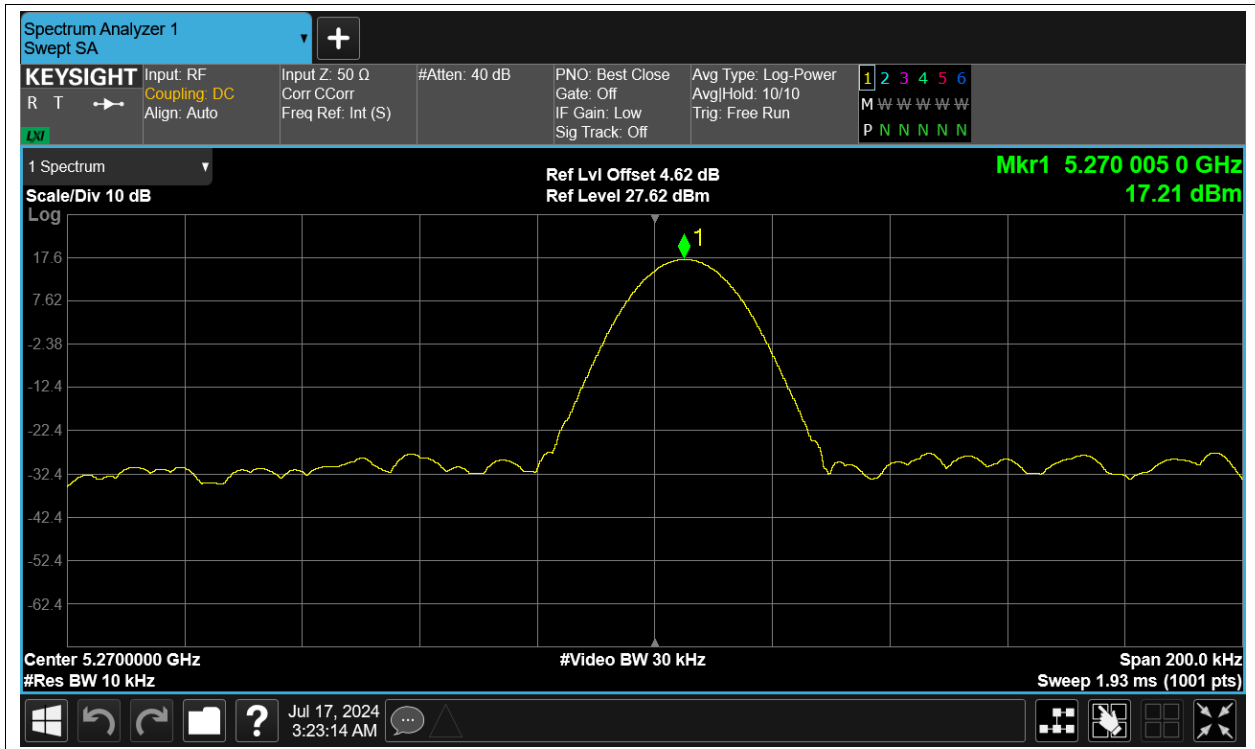
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1



Freq. Stability NVNT n40 5270MHz Ant1

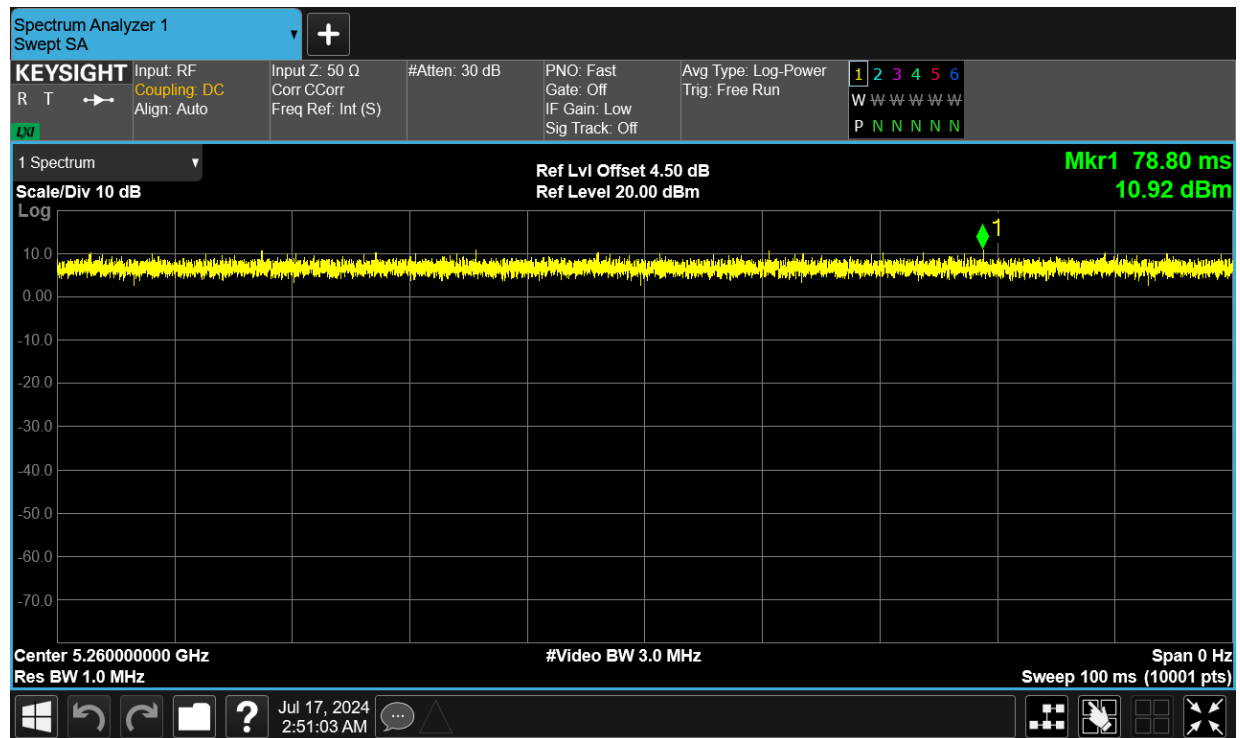


Duty Cycle

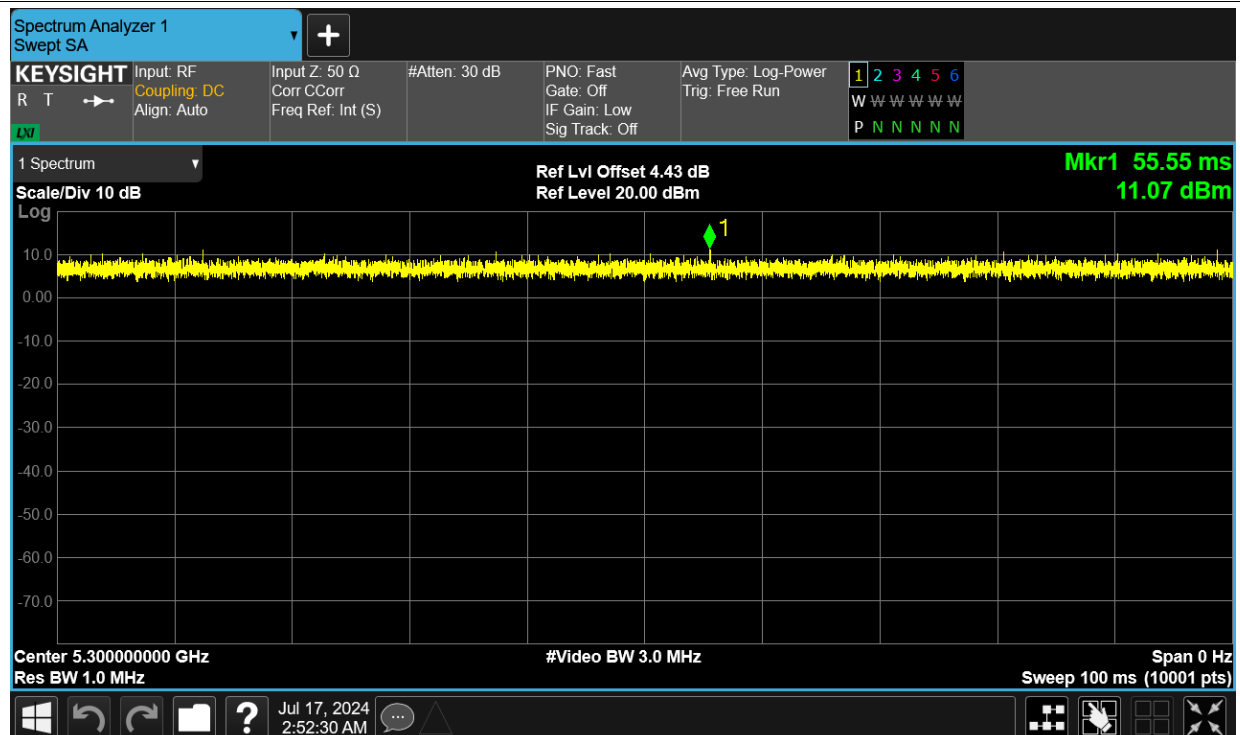
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	100	0
NVNT	a	5300	Ant1	100	0
NVNT	a	5320	Ant1	100	0
NVNT	ac20	5260	Ant1	100	0
NVNT	ac20	5300	Ant1	100	0
NVNT	ac20	5320	Ant1	100	0
NVNT	ac40	5270	Ant1	100	0
NVNT	ac40	5310	Ant1	100	0
NVNT	ac80	5290	Ant1	100	0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

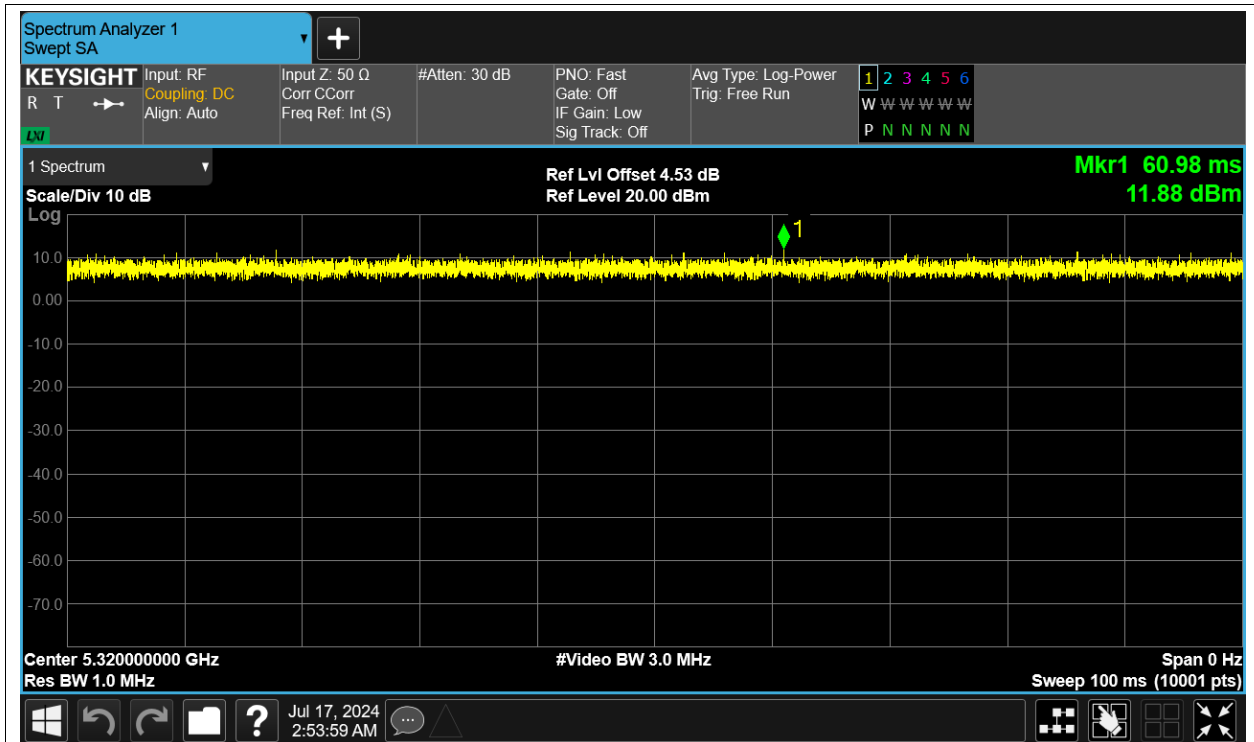
Duty Cycle NVNT a 5260MHz Ant1



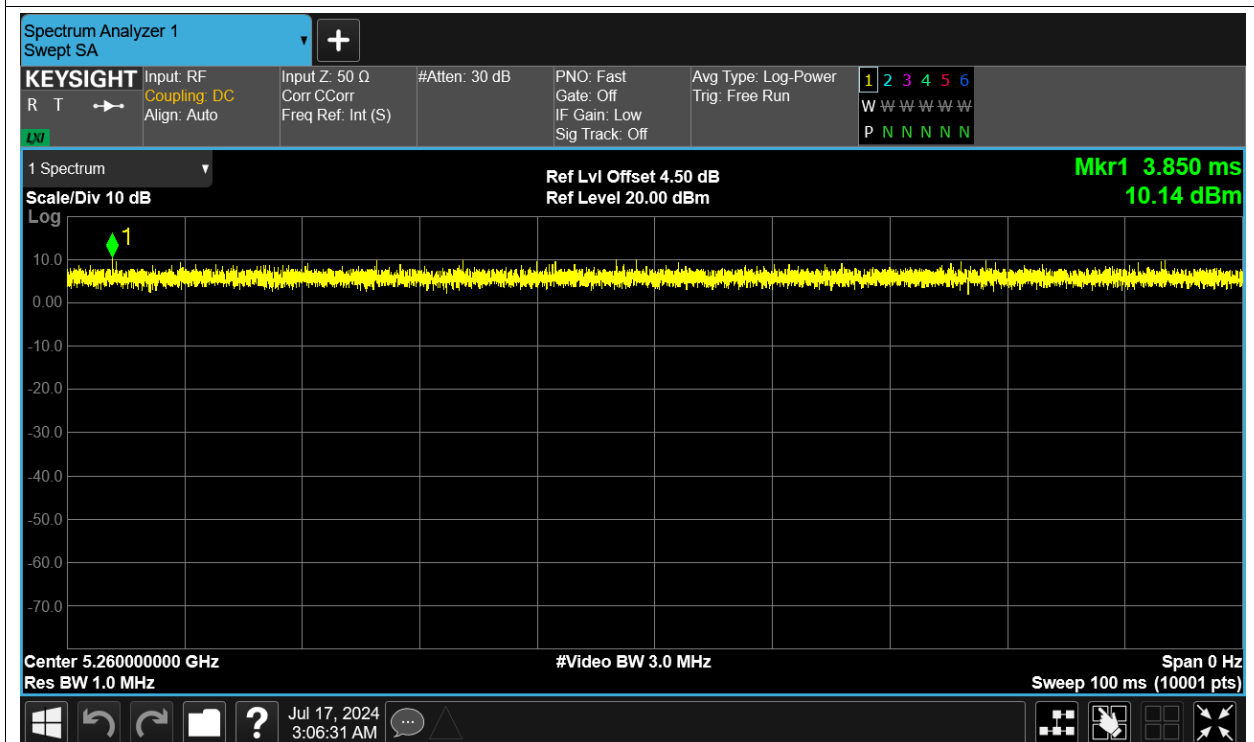
Duty Cycle NVNT a 5300MHz Ant1



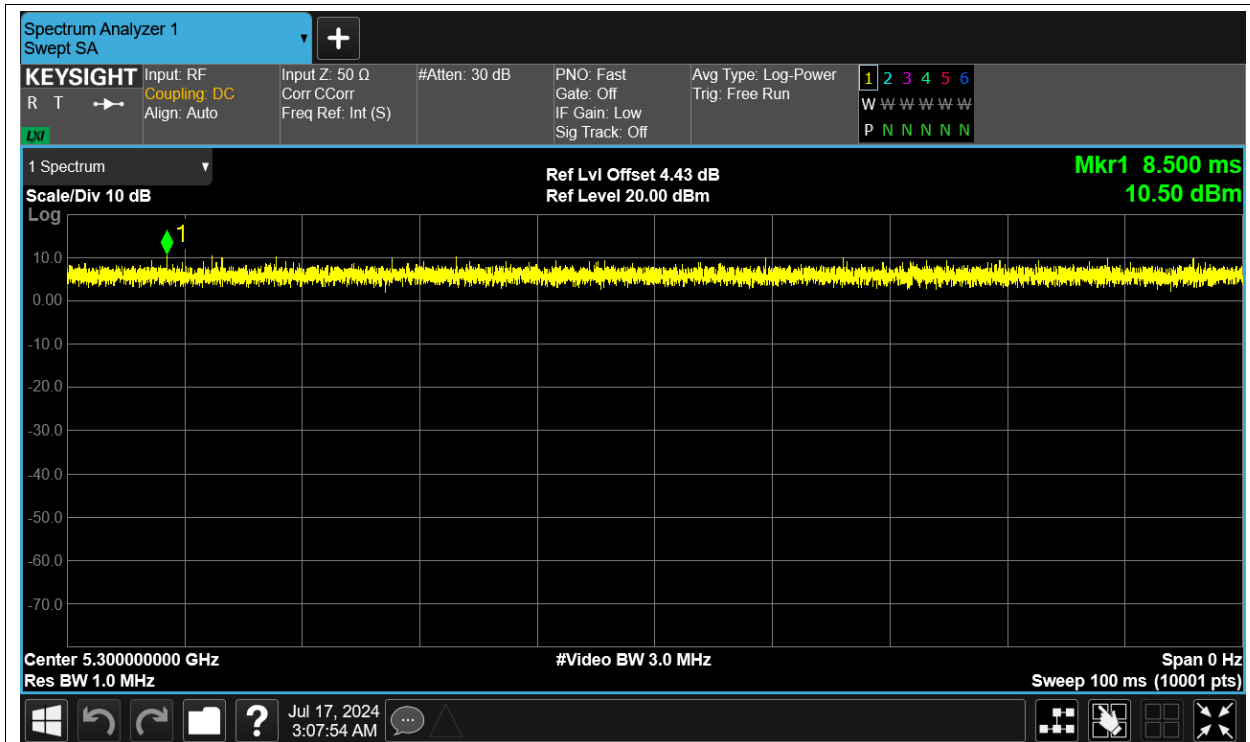
Duty Cycle NVNT a 5320MHz Ant1



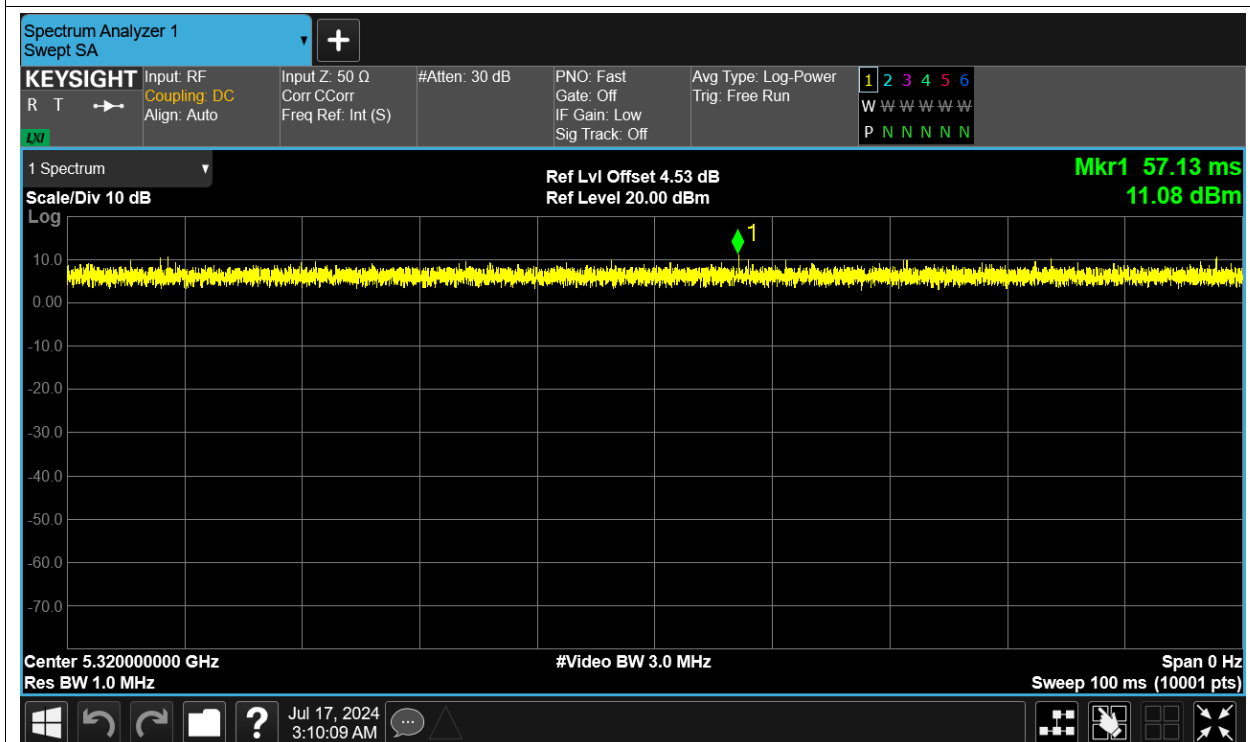
Duty Cycle NVNT ac20 5260MHz Ant1



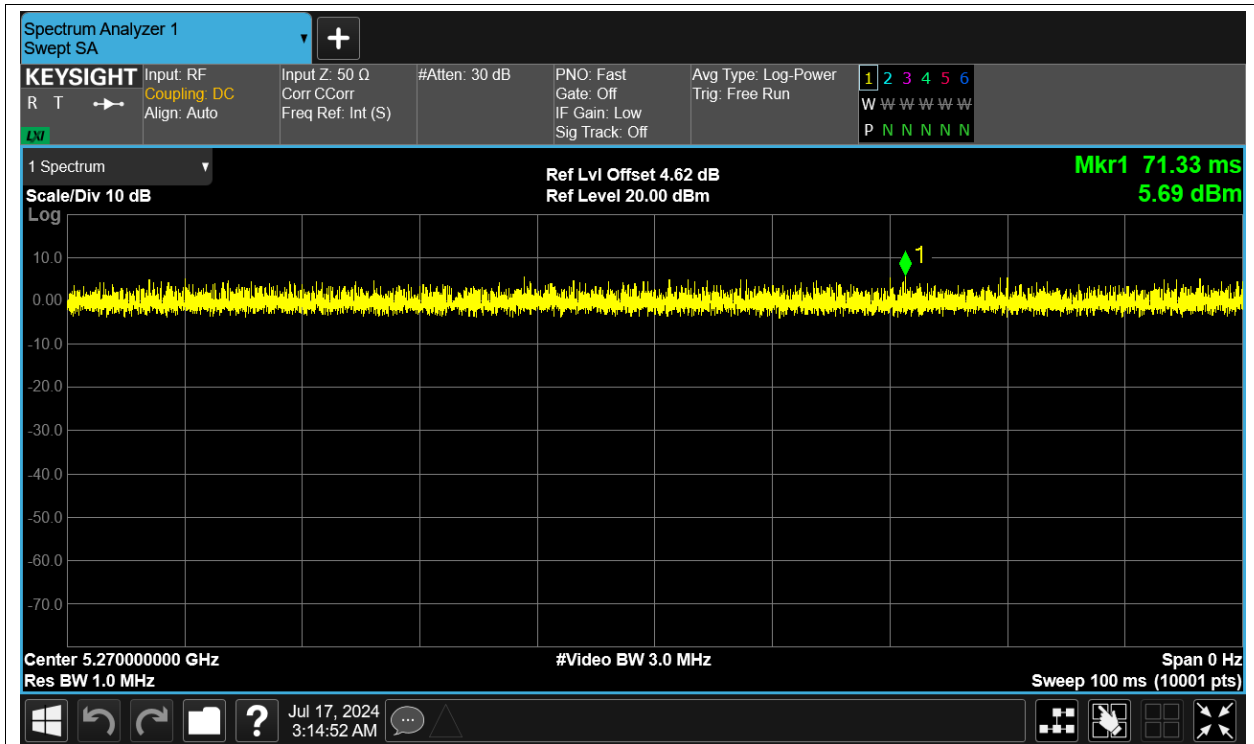
Duty Cycle NVNT ac20 5300MHz Ant1



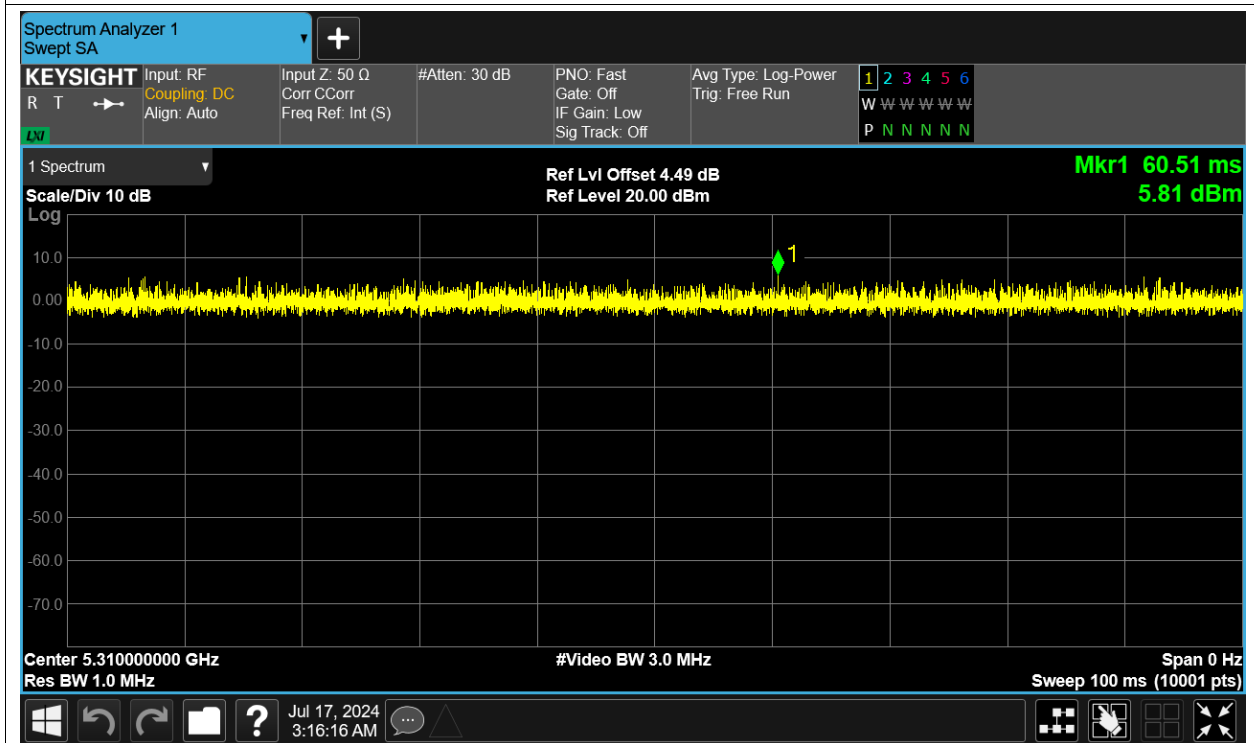
Duty Cycle NVNT ac20 5320MHz Ant1



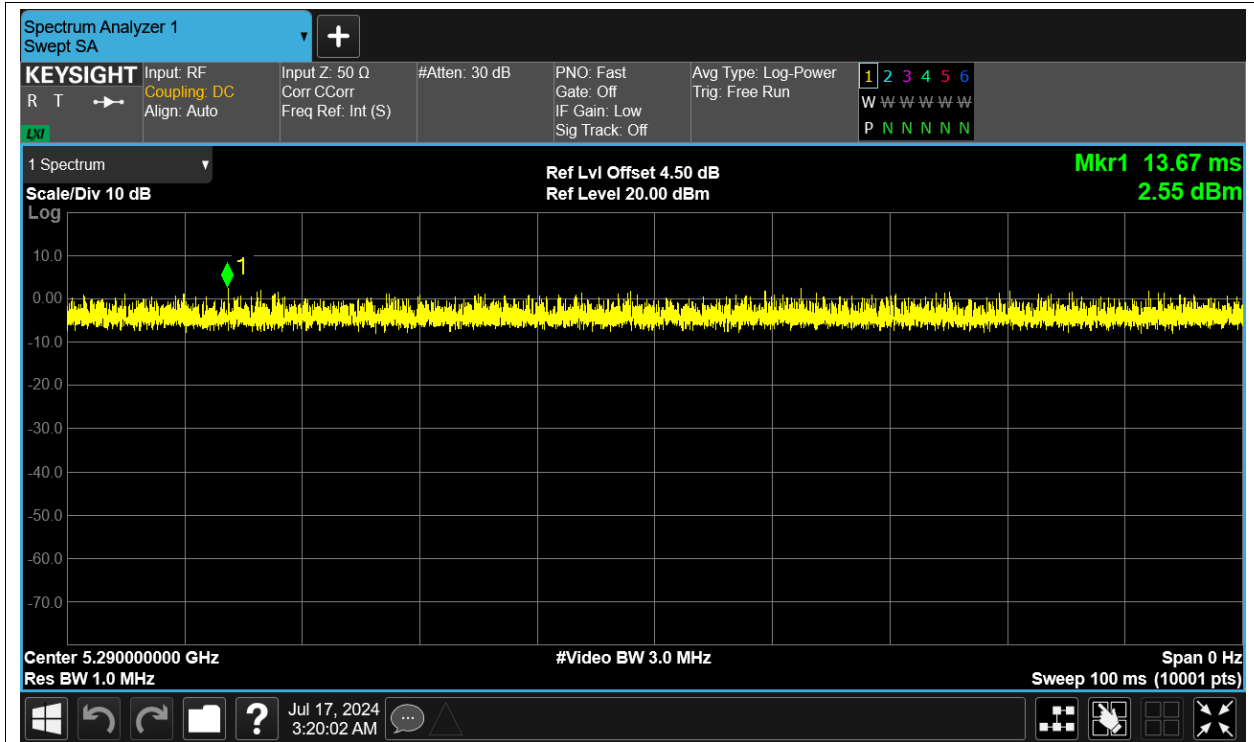
Duty Cycle NVNT ac40 5270MHz Ant1



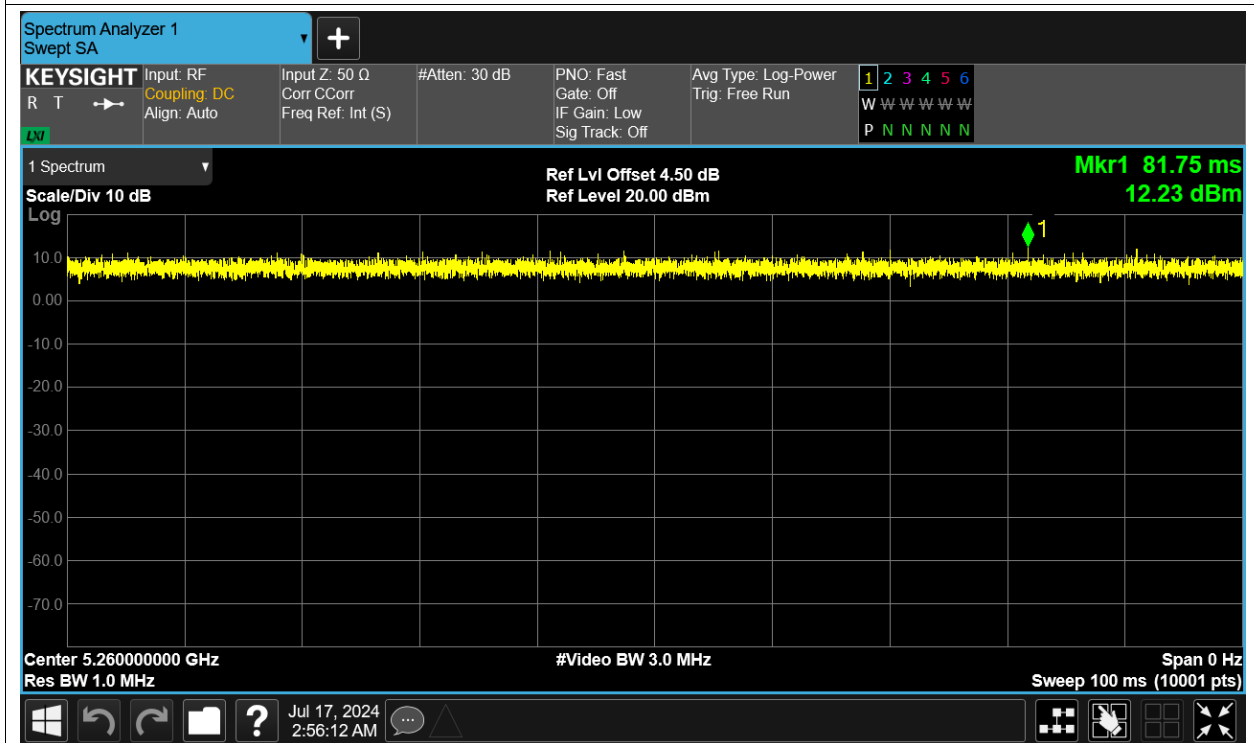
Duty Cycle NVNT ac40 5310MHz Ant1



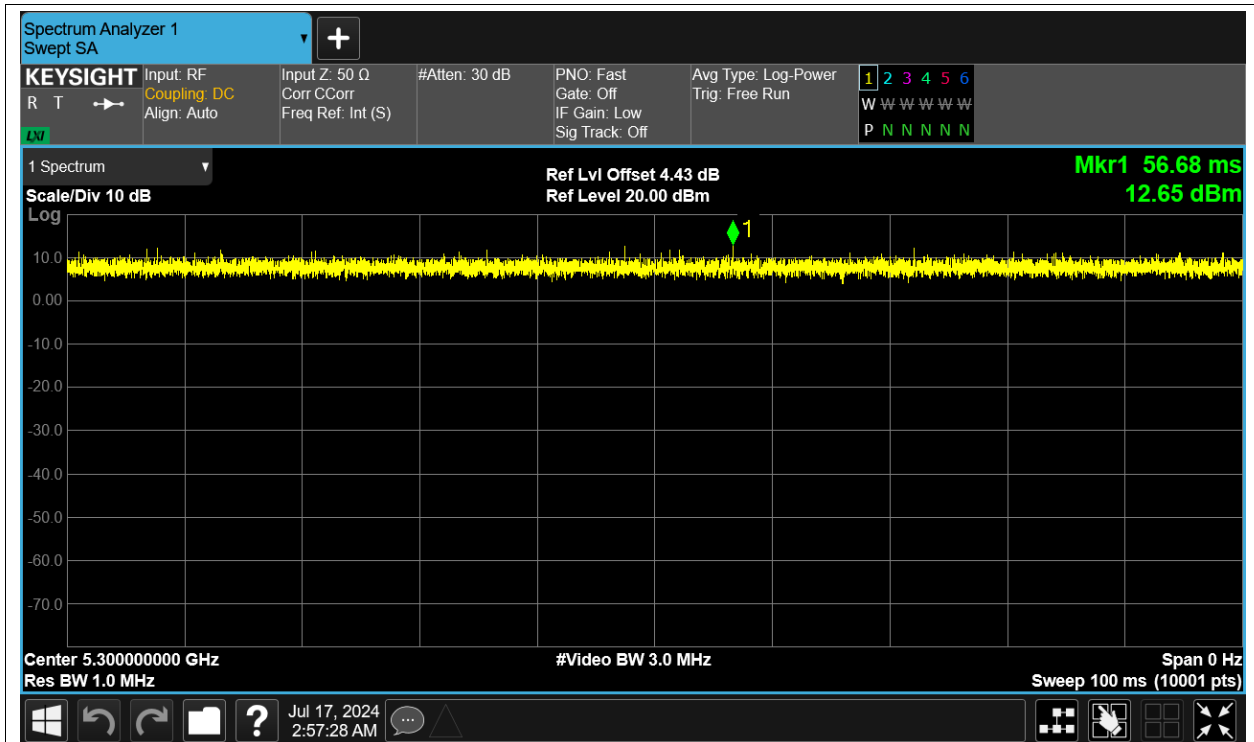
Duty Cycle NVNT ac80 5290MHz Ant1



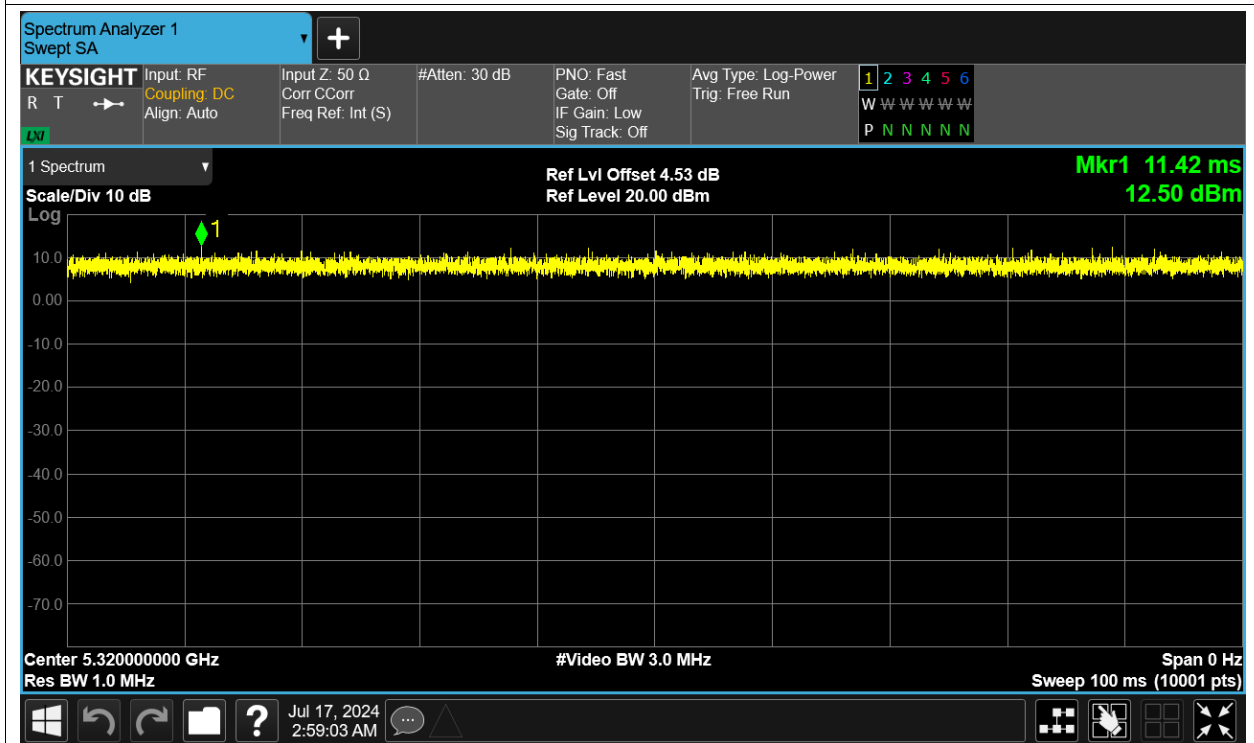
Duty Cycle NVNT n20 5260MHz Ant1



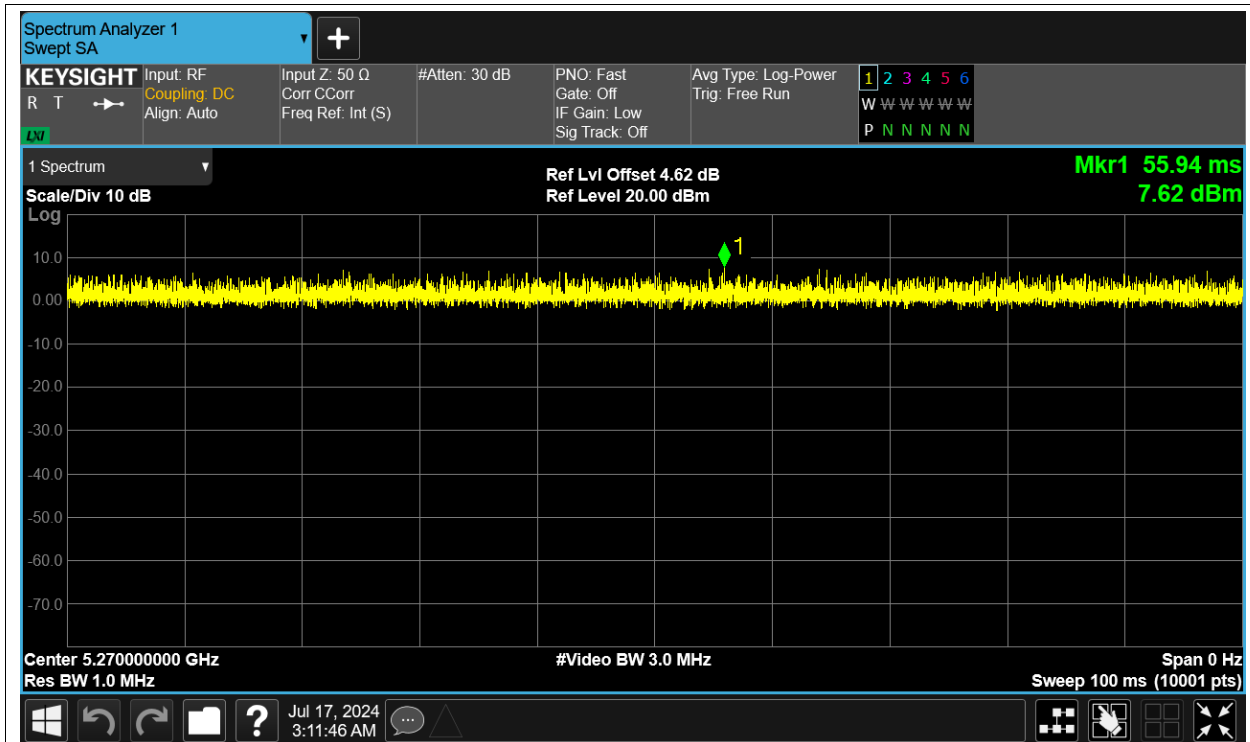
Duty Cycle NVNT n20 5300MHz Ant1



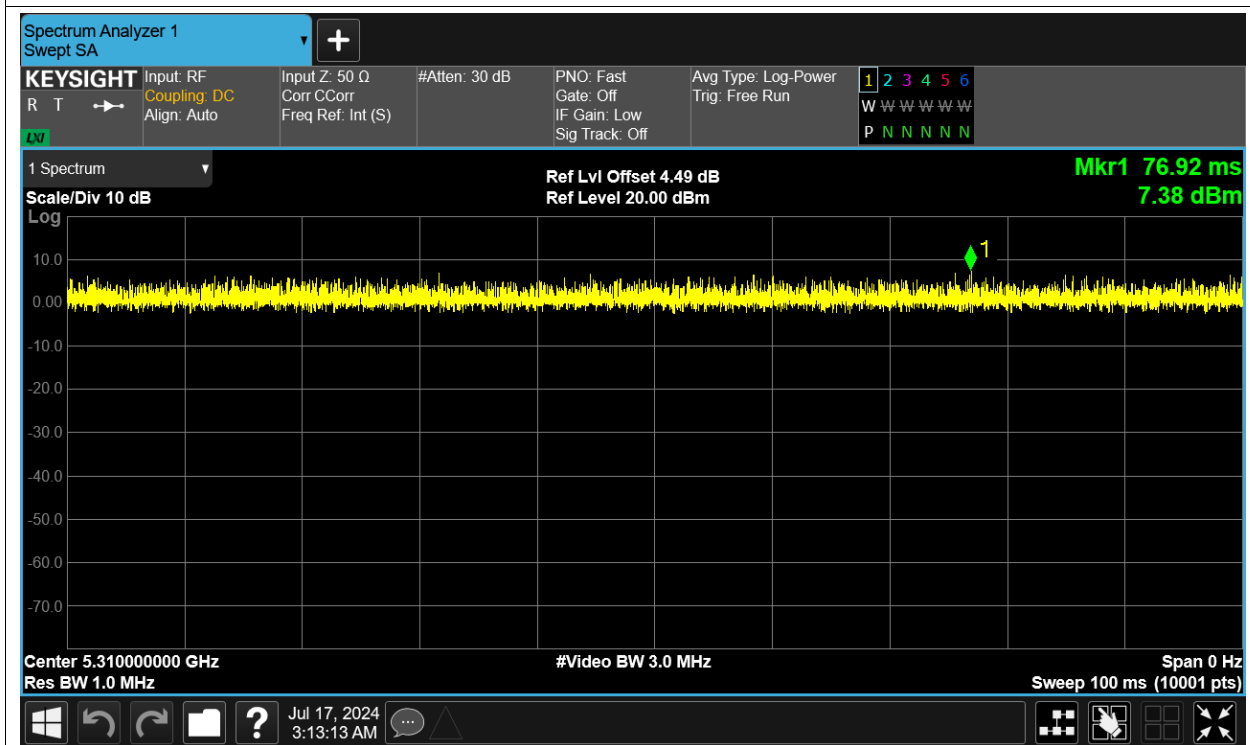
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Maximum Conducted Output Power

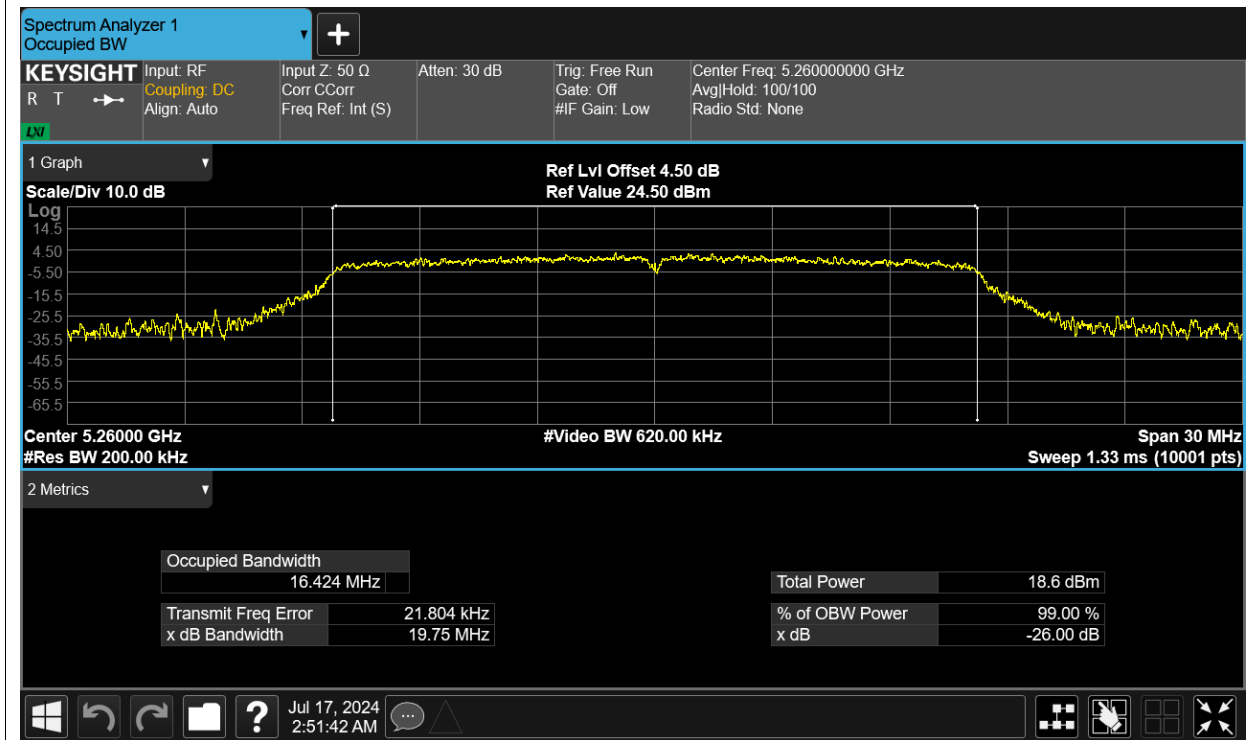
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	11.88	0	11.88	24	Pass
NVNT	a	5300	Ant1	12.51	0	12.51	24	Pass
NVNT	a	5320	Ant1	11.85	0	11.85	24	Pass
NVNT	ac20	5260	Ant1	11.74	0	11.74	24	Pass
NVNT	ac20	5300	Ant1	12.26	0	12.26	24	Pass
NVNT	ac20	5320	Ant1	11.6	0	11.6	24	Pass
NVNT	ac40	5270	Ant1	6.6	0	6.6	24	Pass
NVNT	ac40	5310	Ant1	6.78	0	6.78	24	Pass
NVNT	ac80	5290	Ant1	4.83	0	4.83	24	Pass
NVNT	n20	5260	Ant1	11.75	0	11.75	24	Pass
NVNT	n20	5300	Ant1	12.27	0	12.27	24	Pass
NVNT	n20	5320	Ant1	11.64	0	11.64	24	Pass
NVNT	n40	5270	Ant1	6.54	0	6.54	24	Pass
NVNT	n40	5310	Ant1	6.95	0	6.95	24	Pass

Occupied Channel Bandwidth

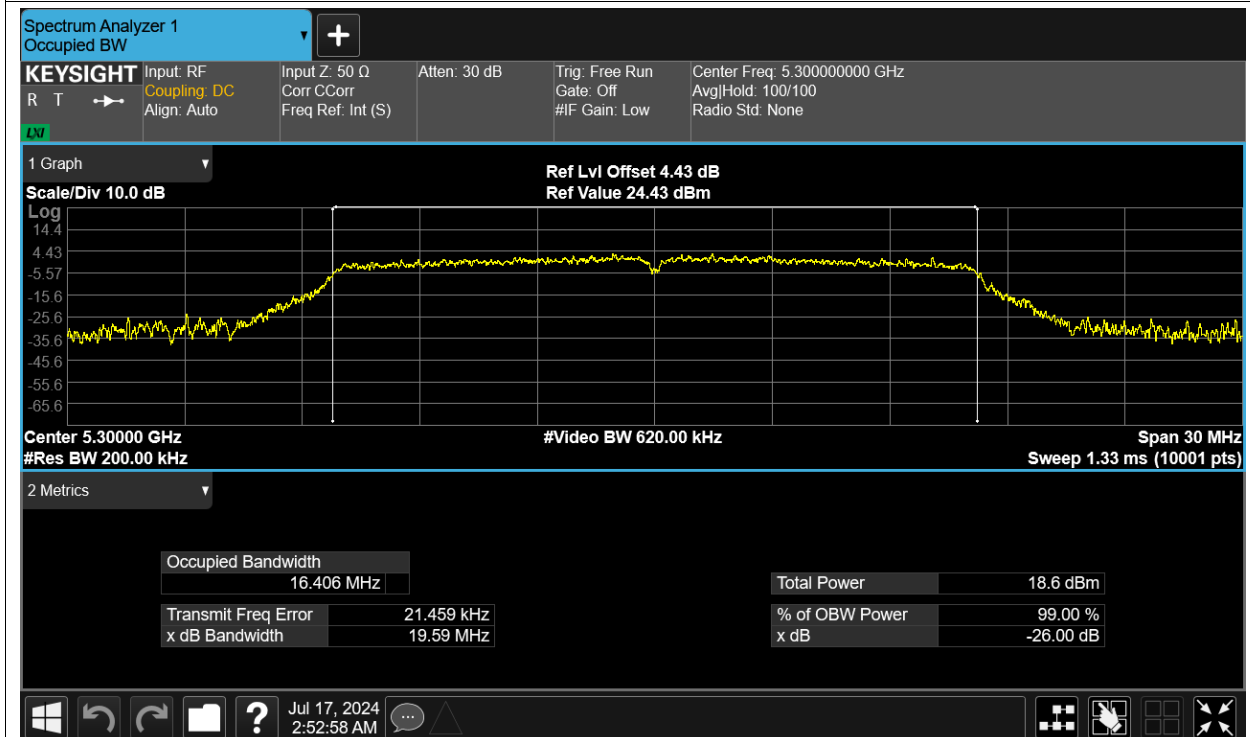
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.424
NVNT	a	5300	Ant1	16.406
NVNT	a	5320	Ant1	16.433
NVNT	ac20	5260	Ant1	17.566
NVNT	ac20	5300	Ant1	17.57
NVNT	ac20	5320	Ant1	17.552
NVNT	ac40	5270	Ant1	35.952
NVNT	ac40	5310	Ant1	35.95
NVNT	ac80	5290	Ant1	75.199
NVNT	n20	5260	Ant1	17.596
NVNT	n20	5300	Ant1	17.611
NVNT	n20	5320	Ant1	17.57
NVNT	n40	5270	Ant1	36.014
NVNT	n40	5310	Ant1	35.976

Test Graphs

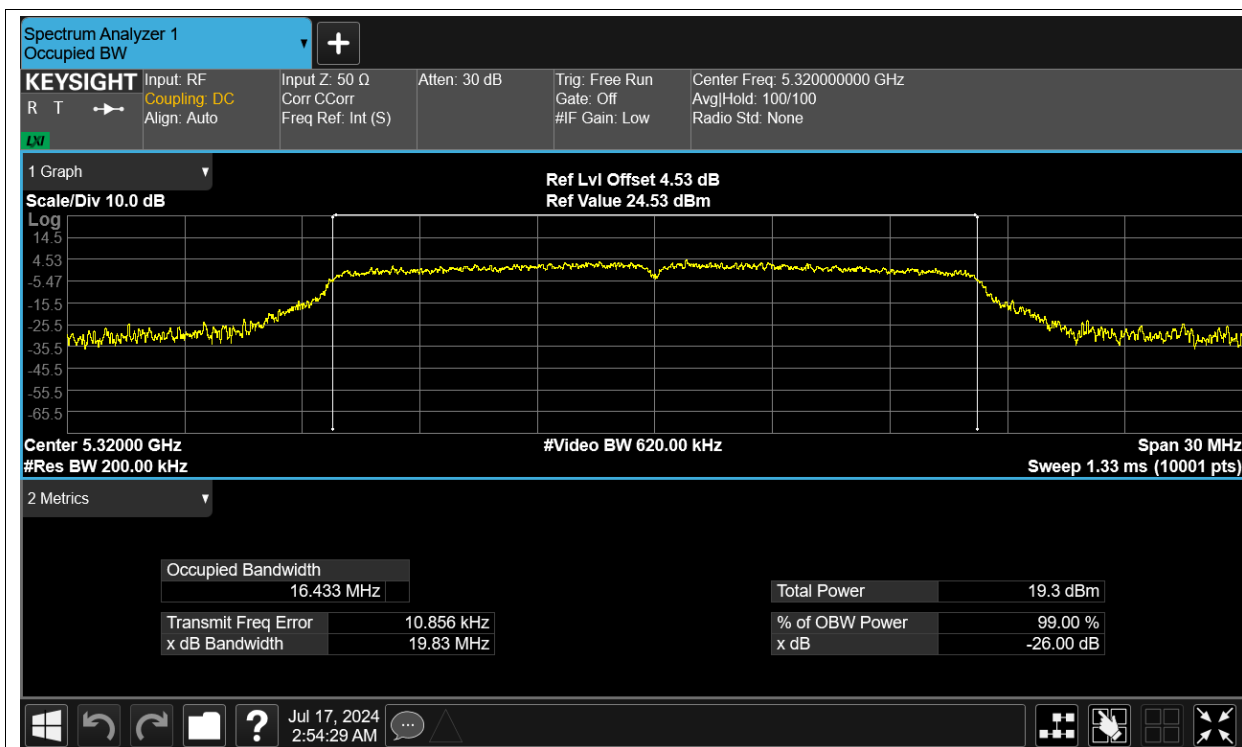
OBW NVNT a 5260MHz Ant1



OBW NVNT a 5300MHz Ant1



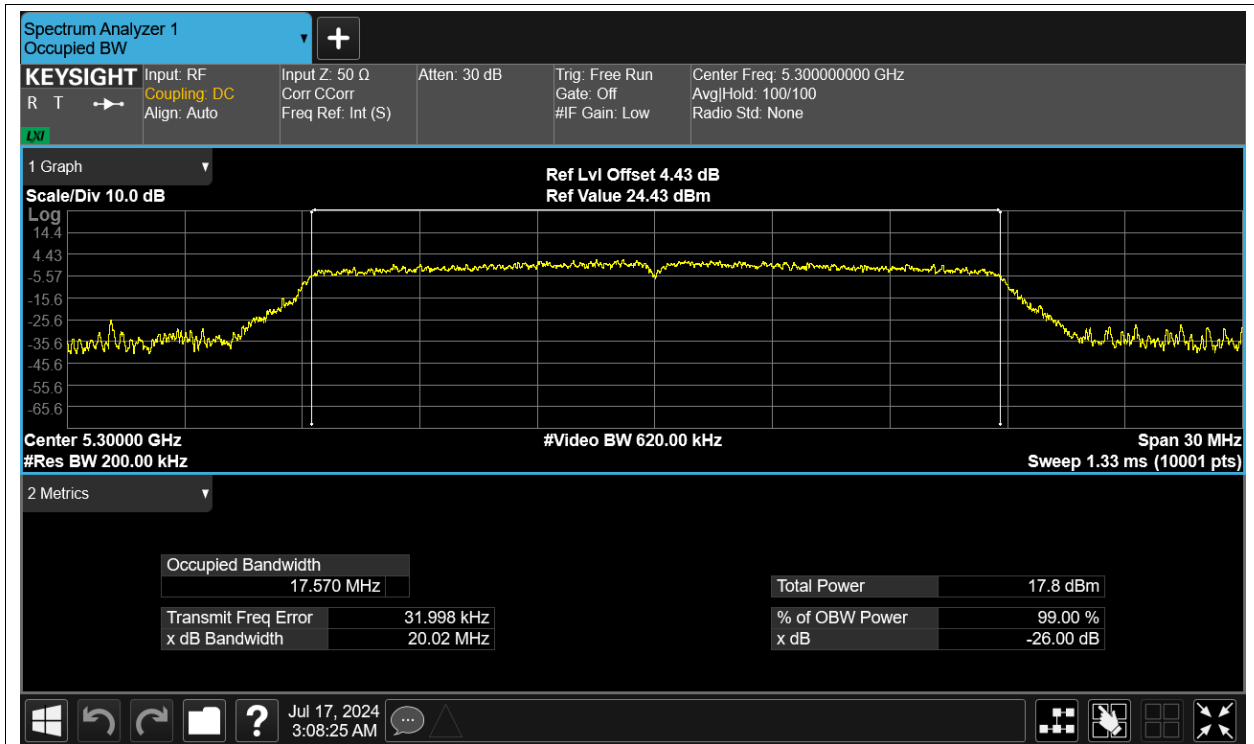
OBW NVNT a 5320MHz Ant1



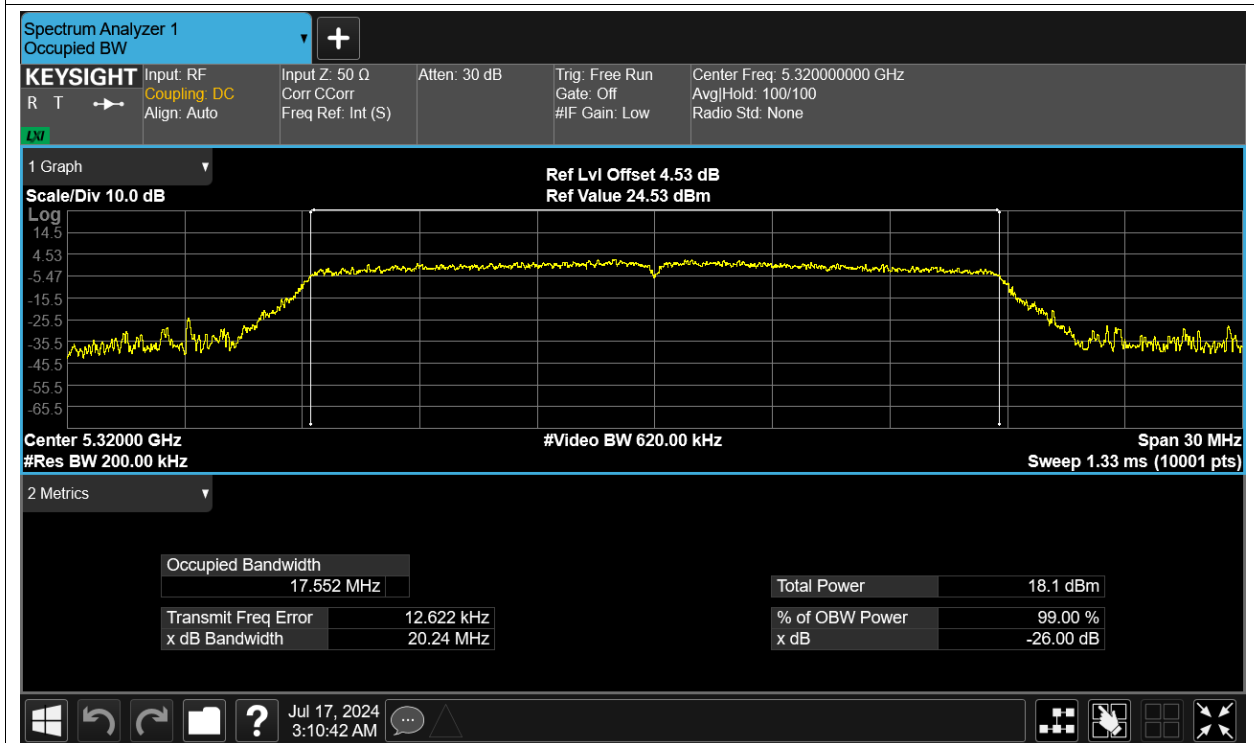
OBW NVNT ac20 5260MHz Ant1



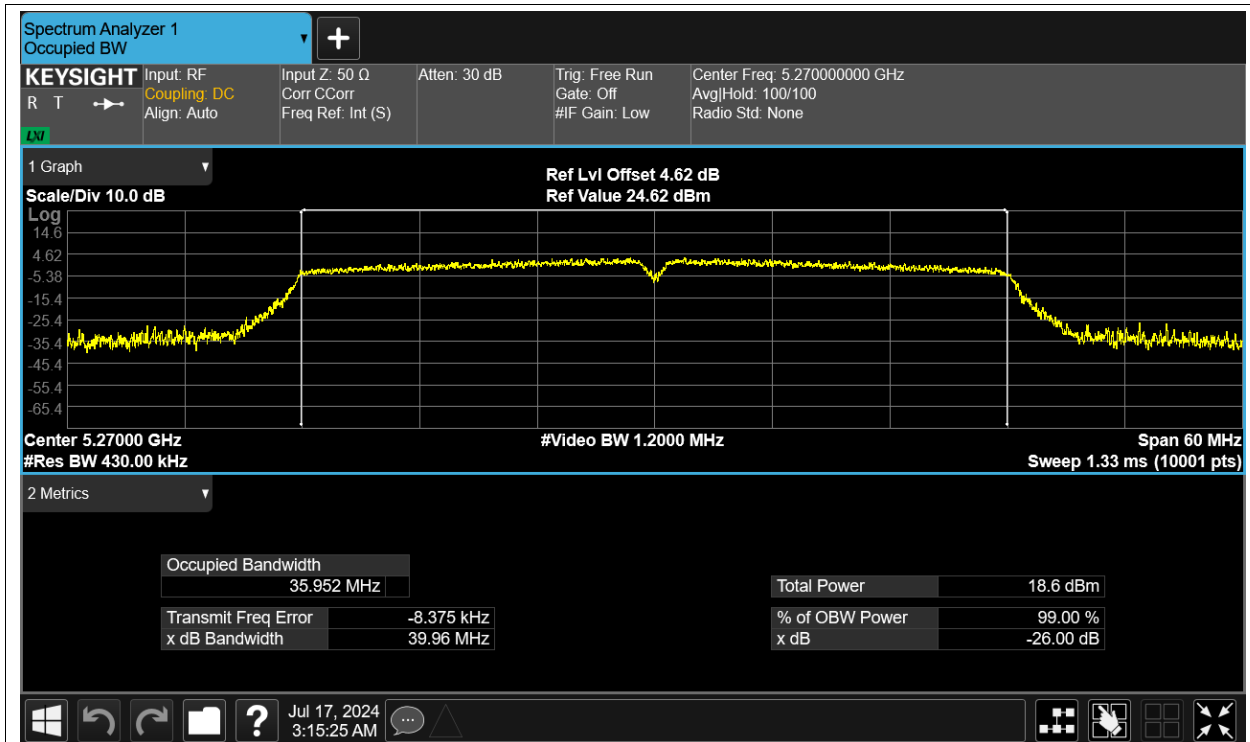
OBW NVNT ac20 5300MHz Ant1



OBW NVNT ac20 5320MHz Ant1



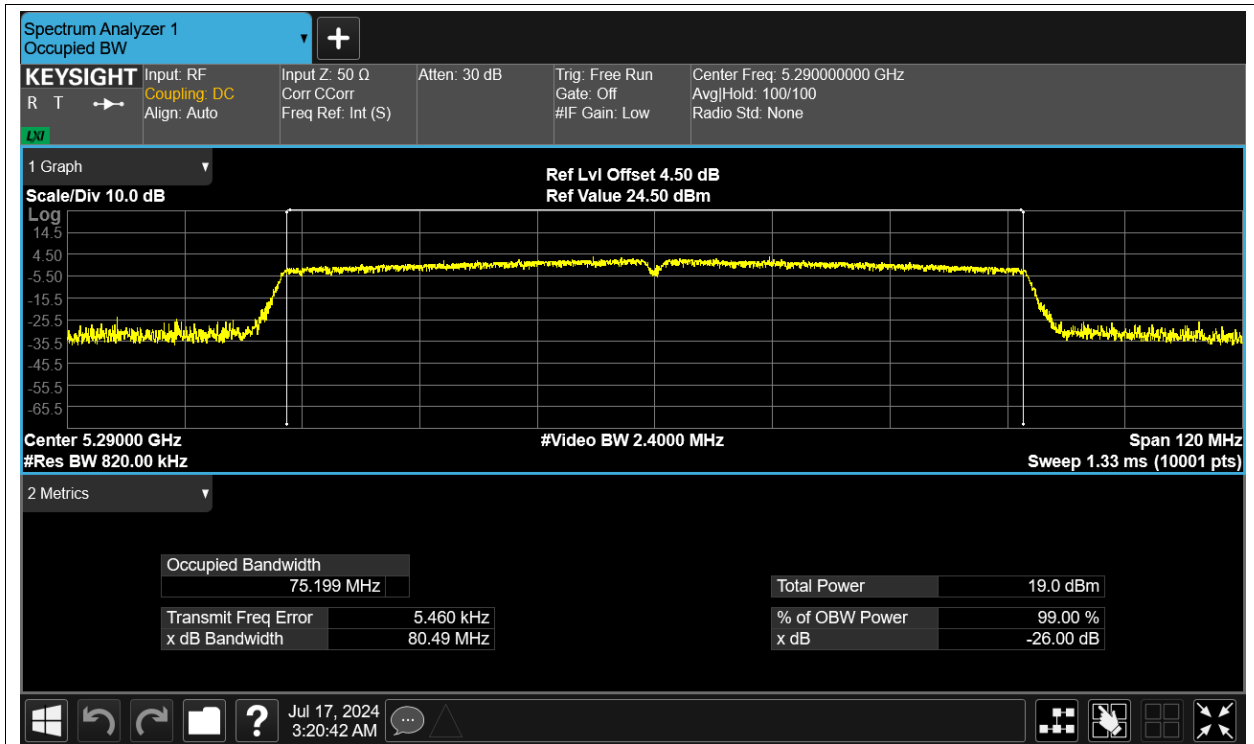
OBW NVNT ac40 5270MHz Ant1



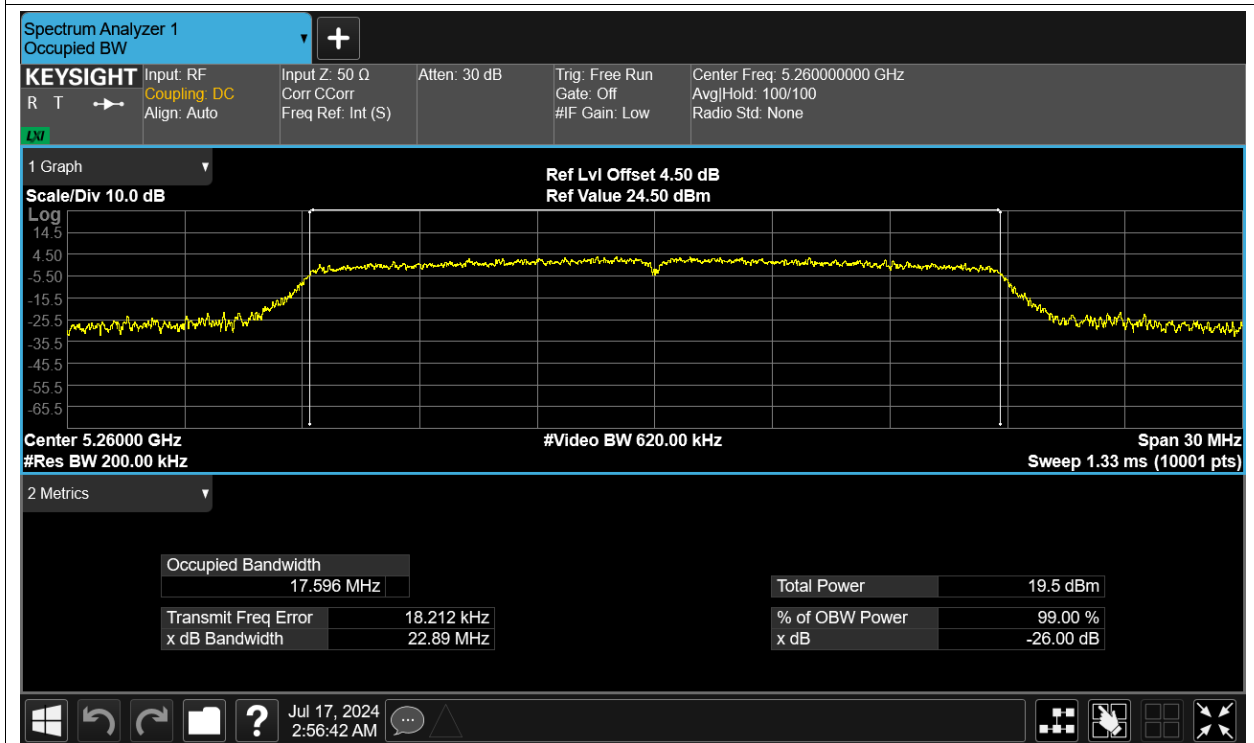
OBW NVNT ac40 5310MHz Ant1



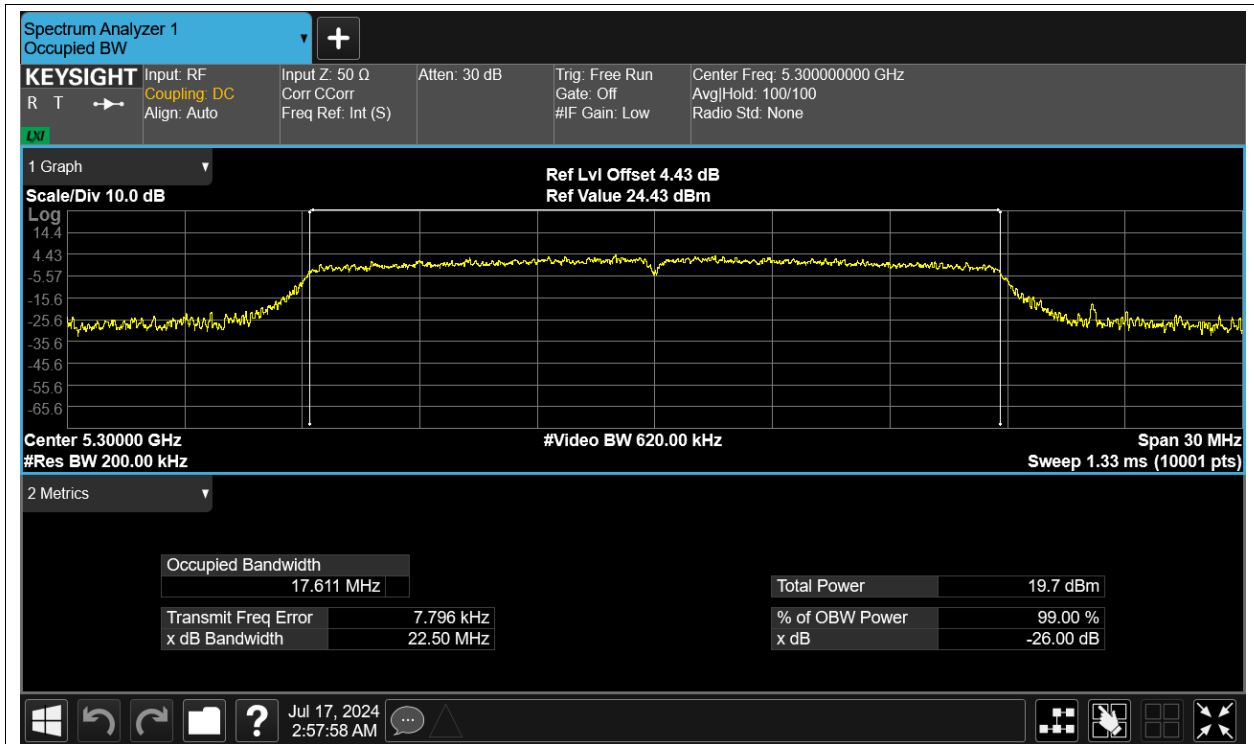
OBW NVNT ac80 5290MHz Ant1



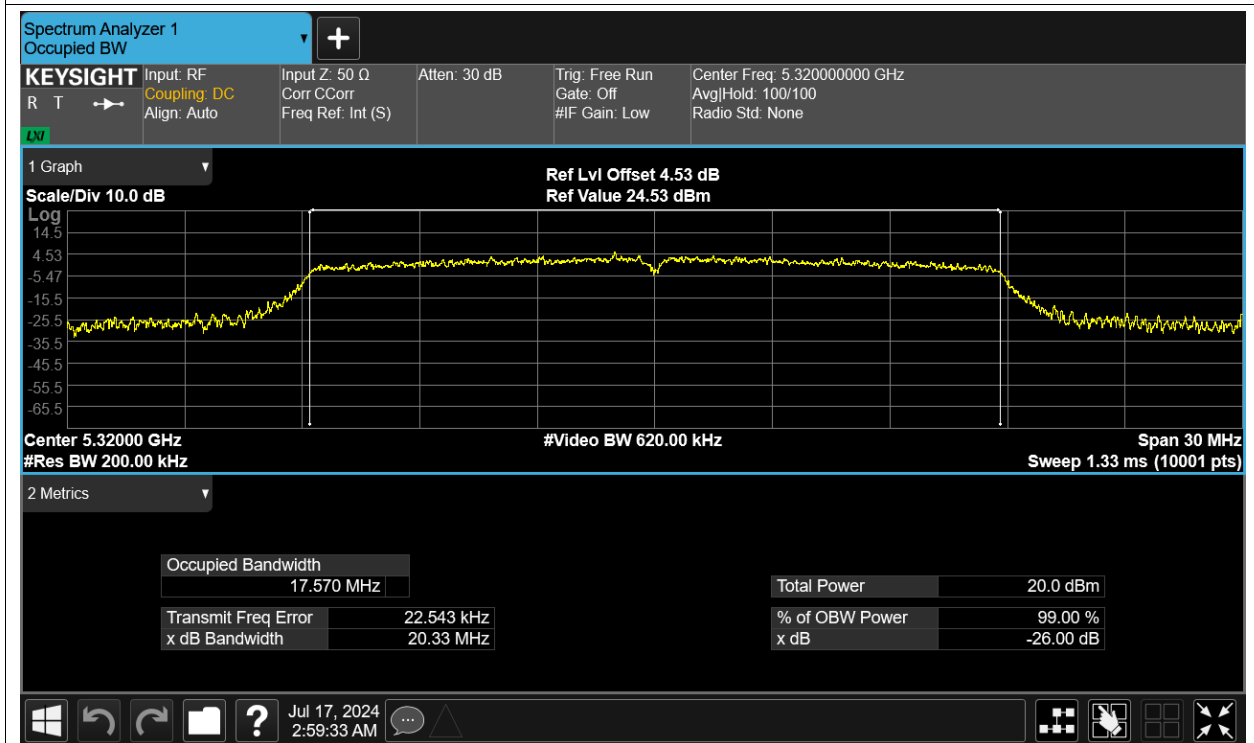
OBW NVNT n20 5260MHz Ant1



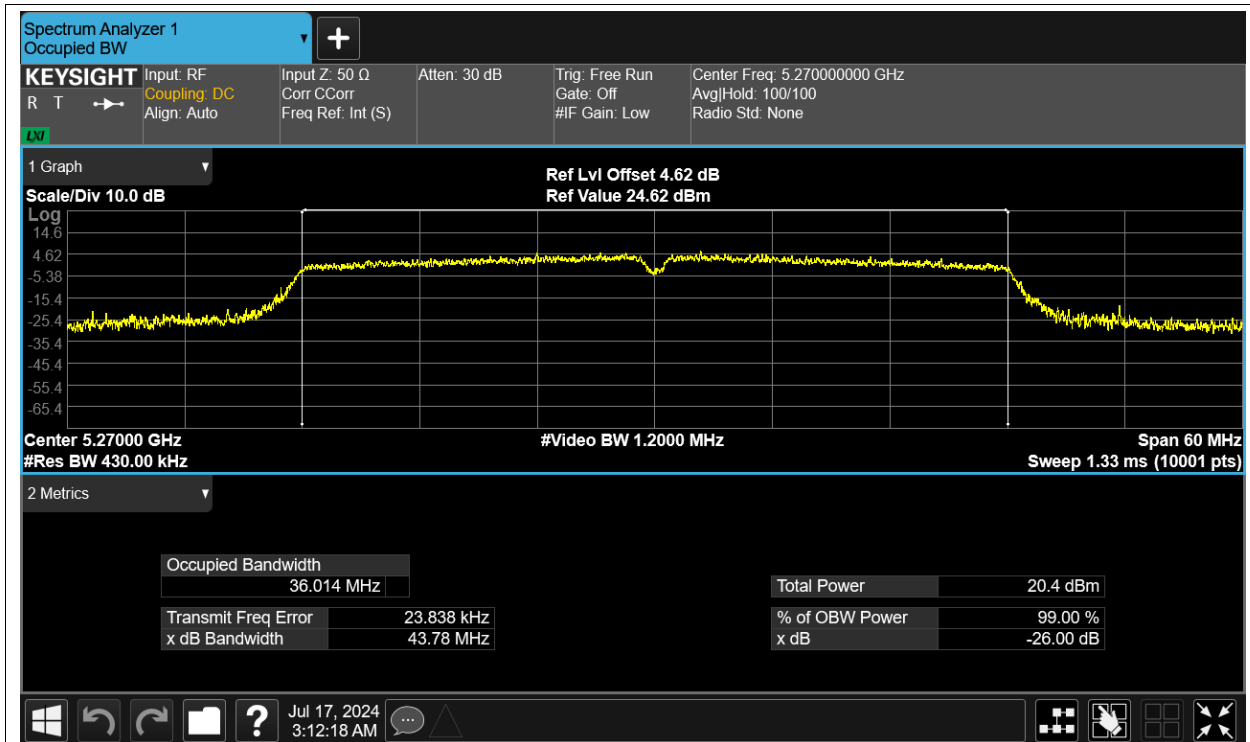
OBW NVNT n20 5300MHz Ant1



OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1



Maximum Power Spectral Density Level

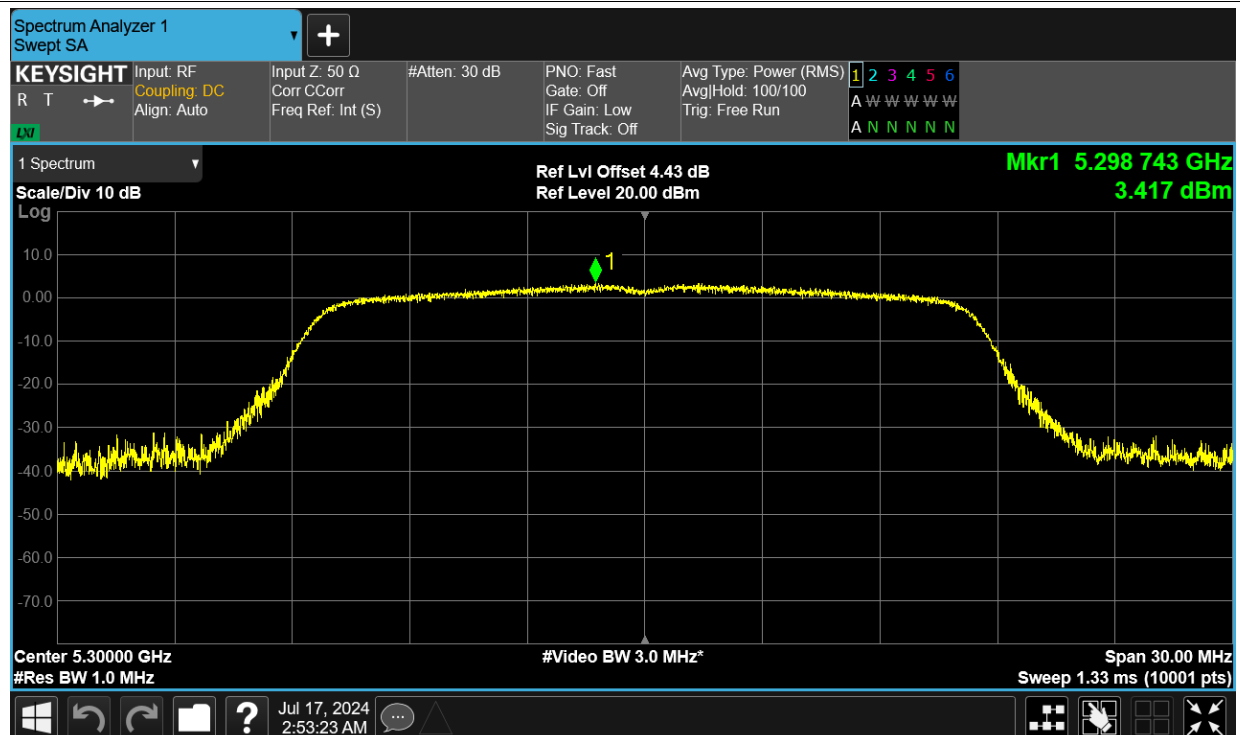
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	3.329	11	Pass
NVNT	a	5300	Ant1	3.417	11	Pass
NVNT	a	5320	Ant1	4.292	11	Pass
NVNT	ac20	5260	Ant1	2.345	11	Pass
NVNT	ac20	5300	Ant1	2.654	11	Pass
NVNT	ac20	5320	Ant1	2.888	11	Pass
NVNT	ac40	5270	Ant1	0.243	11	Pass
NVNT	ac40	5310	Ant1	0.437	11	Pass
NVNT	ac80	5290	Ant1	-3.503	11	Pass
NVNT	n20	5260	Ant1	4.249	11	Pass
NVNT	n20	5300	Ant1	4.218	11	Pass
NVNT	n20	5320	Ant1	4.677	11	Pass
NVNT	n40	5270	Ant1	2.118	11	Pass
NVNT	n40	5310	Ant1	1.754	11	Pass

Test Graphs

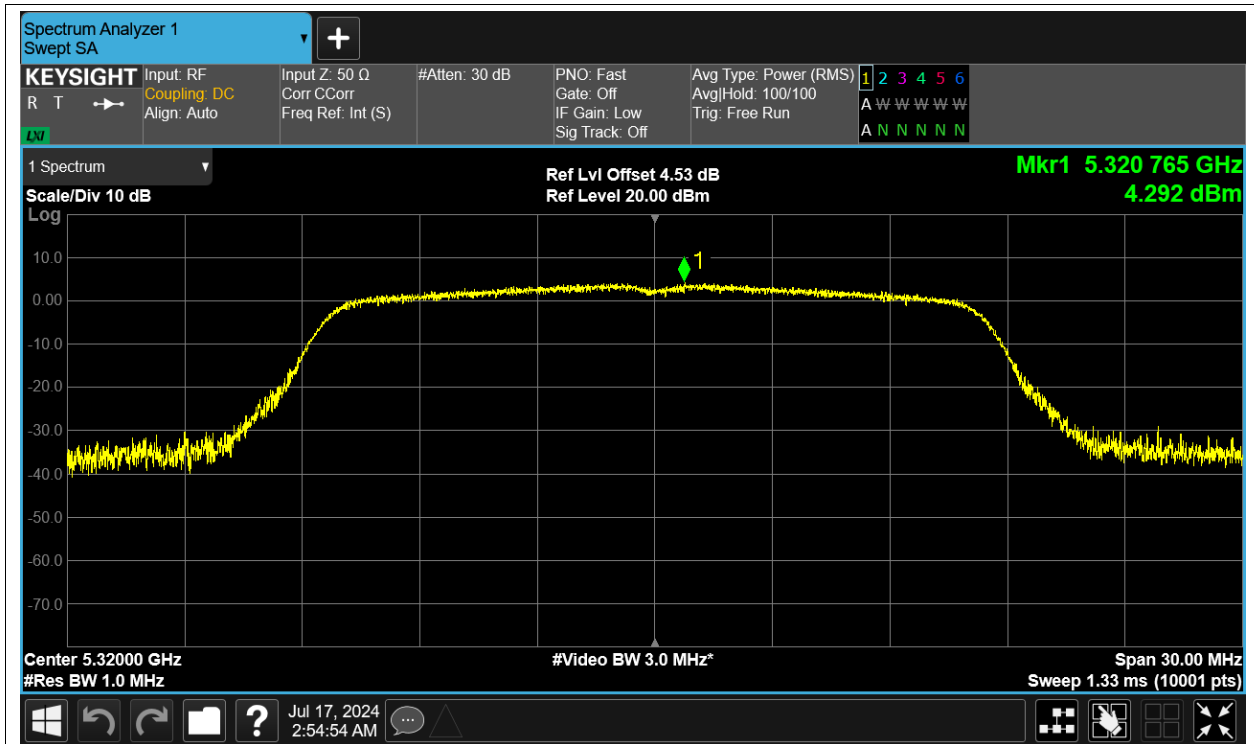
PSD NVNT a 5260MHz Ant1



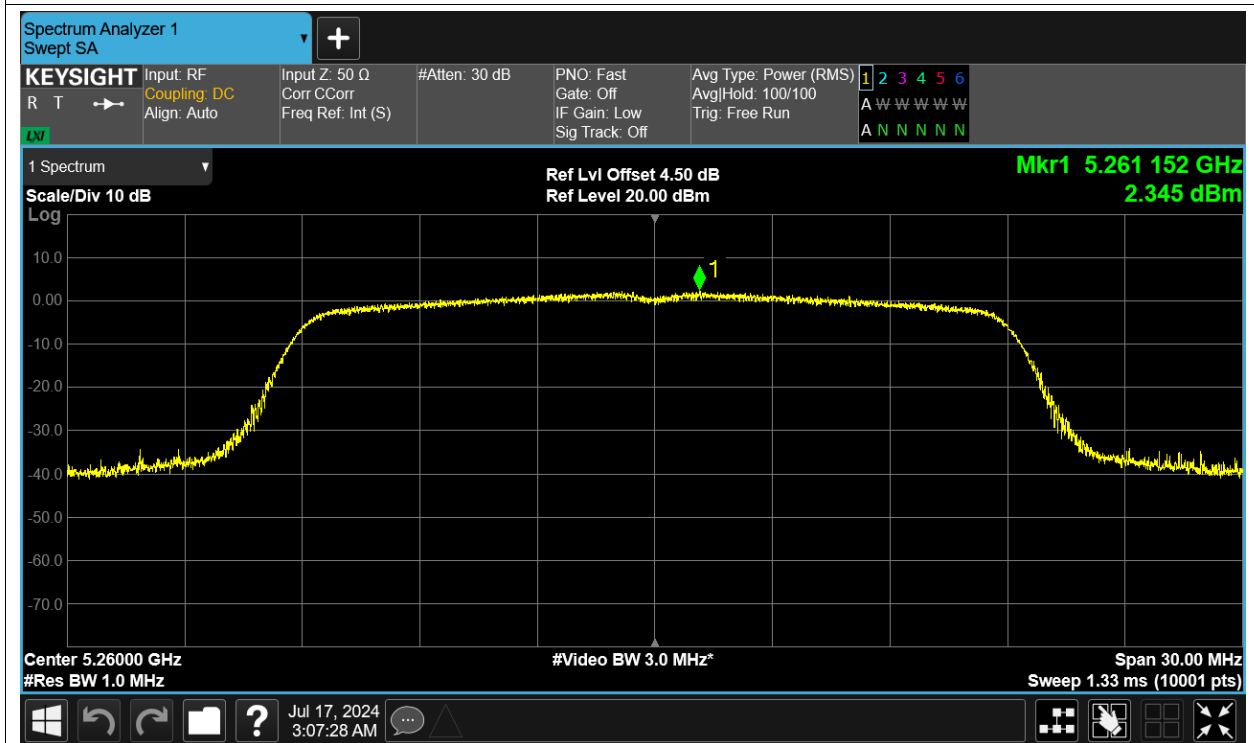
PSD NVNT a 5300MHz Ant1



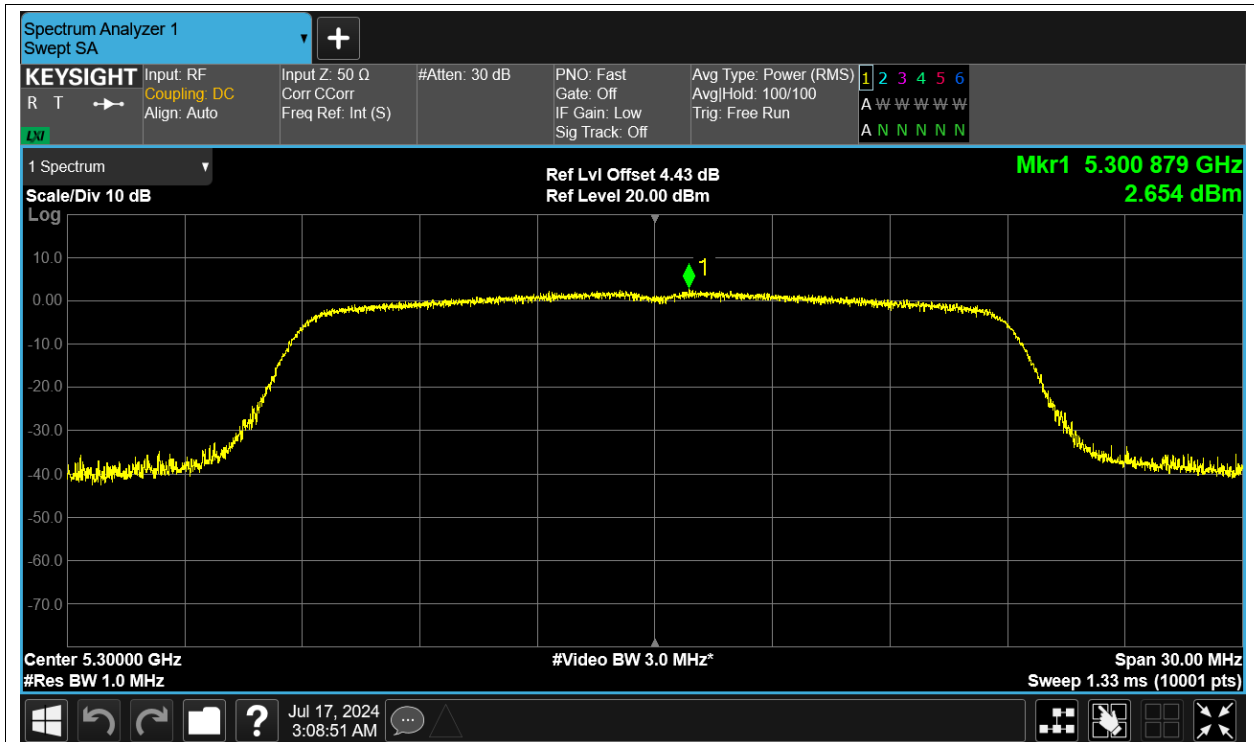
PSD NVNT a 5320MHz Ant1



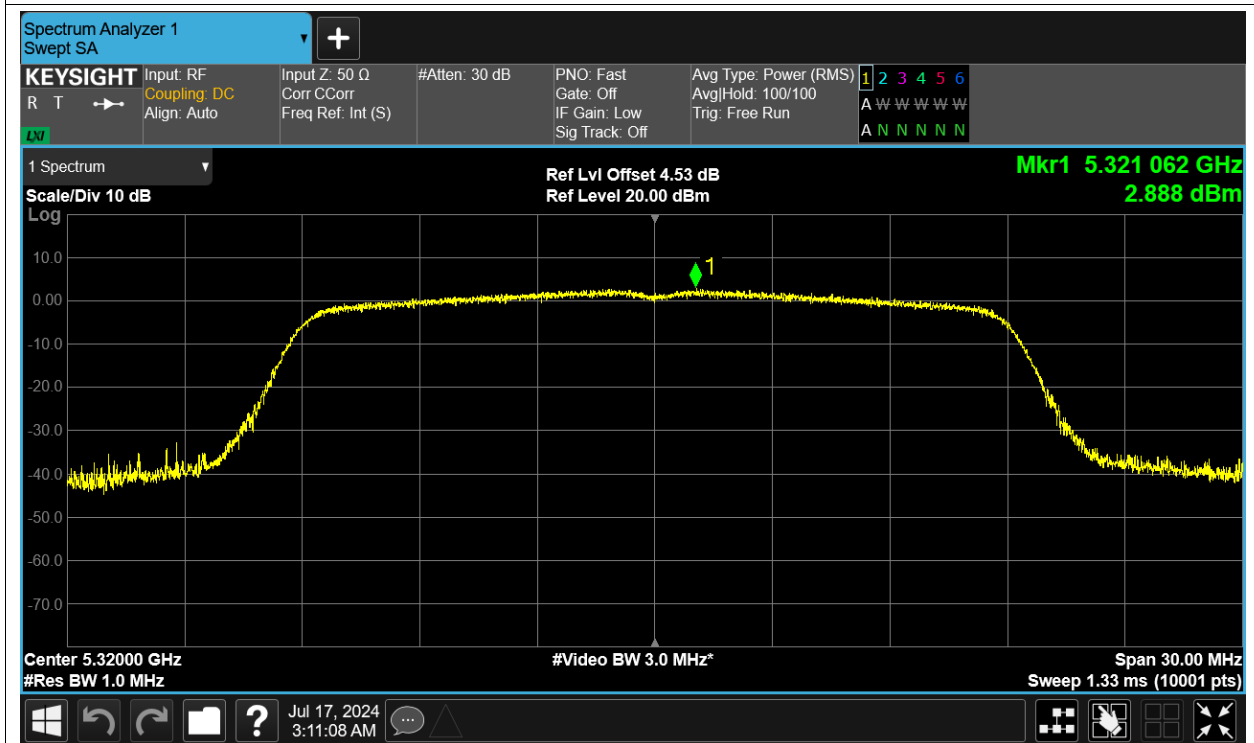
PSD NVNT ac20 5260MHz Ant1



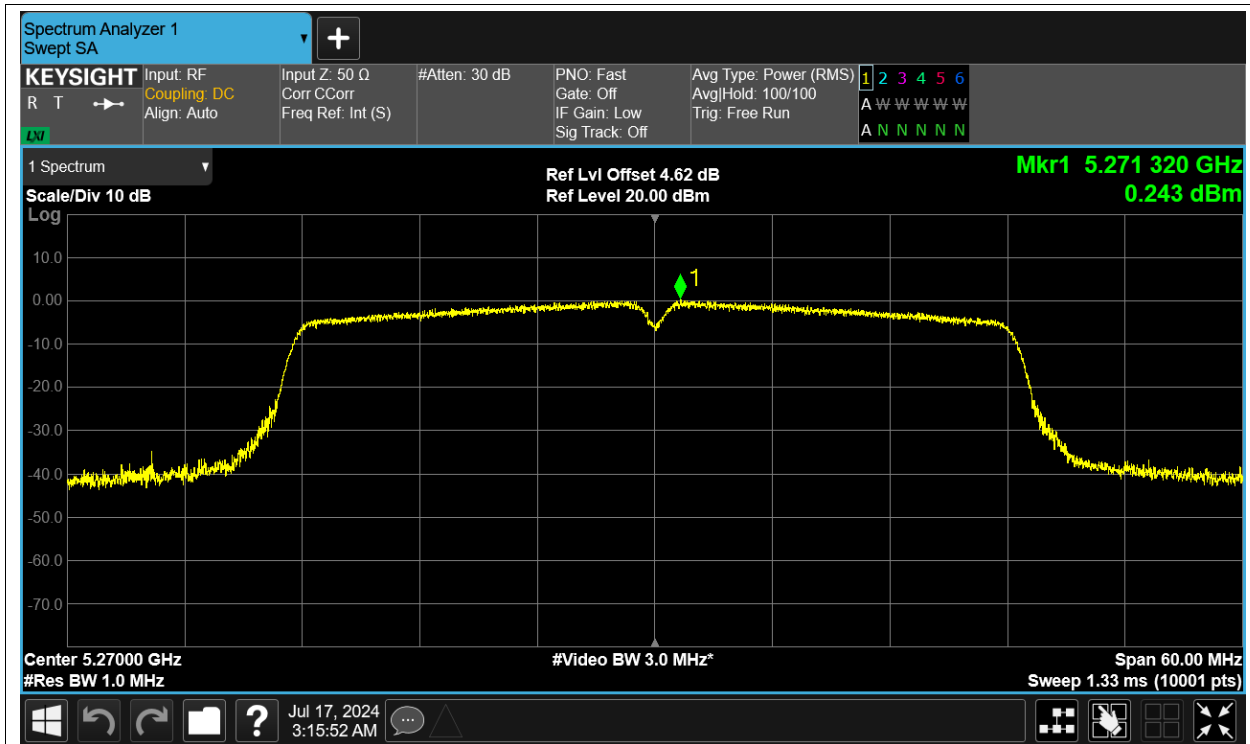
PSD NVNT ac20 5300MHz Ant1



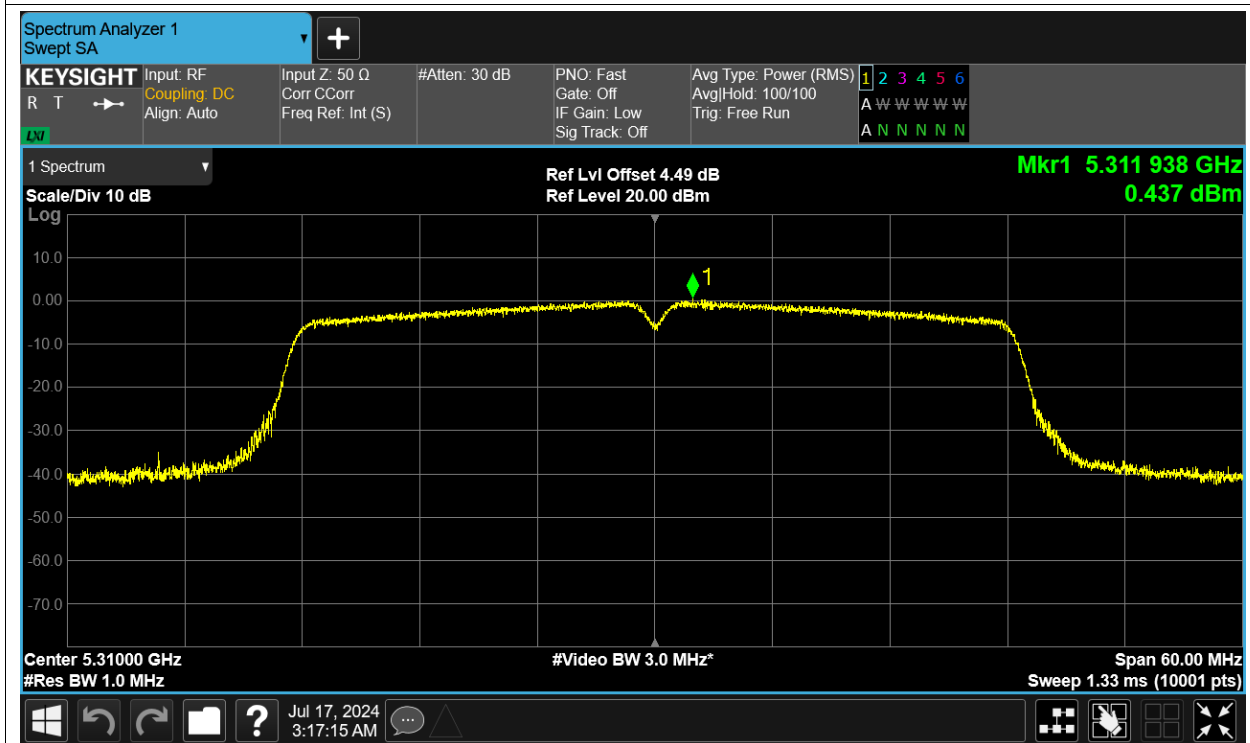
PSD NVNT ac20 5320MHz Ant1



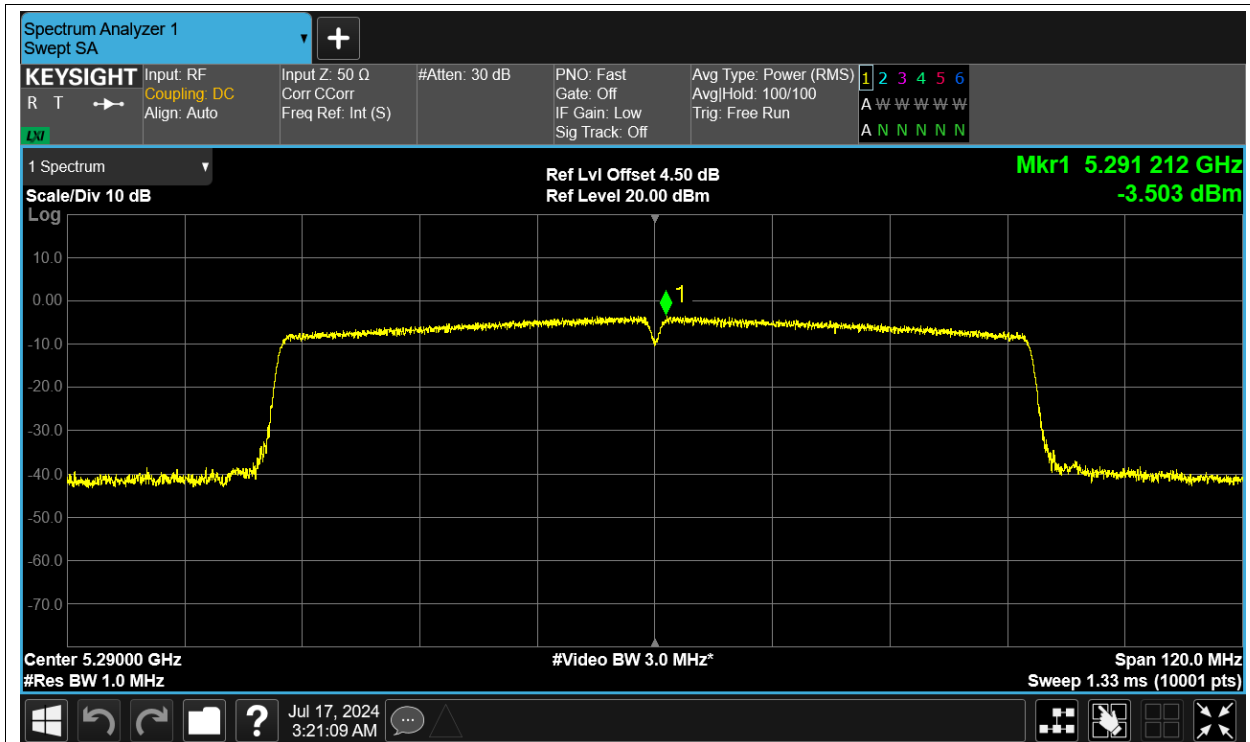
PSD NVNT ac40 5270MHz Ant1



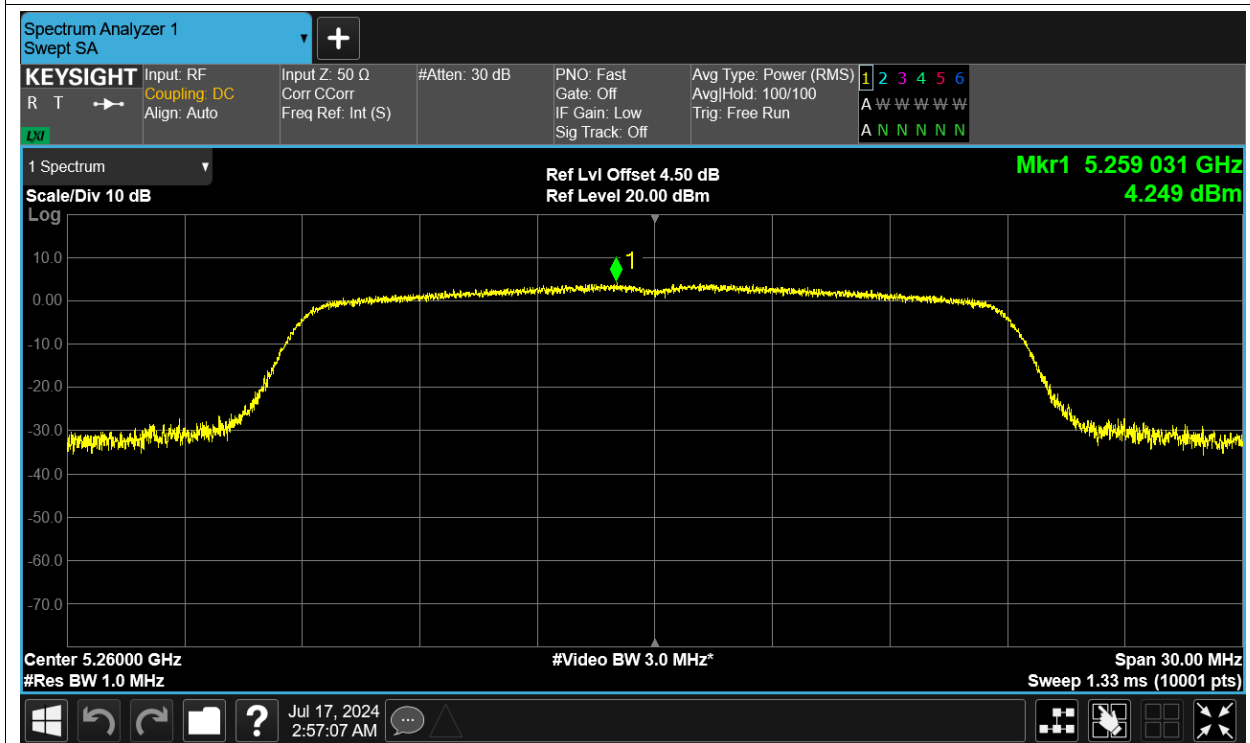
PSD NVNT ac40 5310MHz Ant1



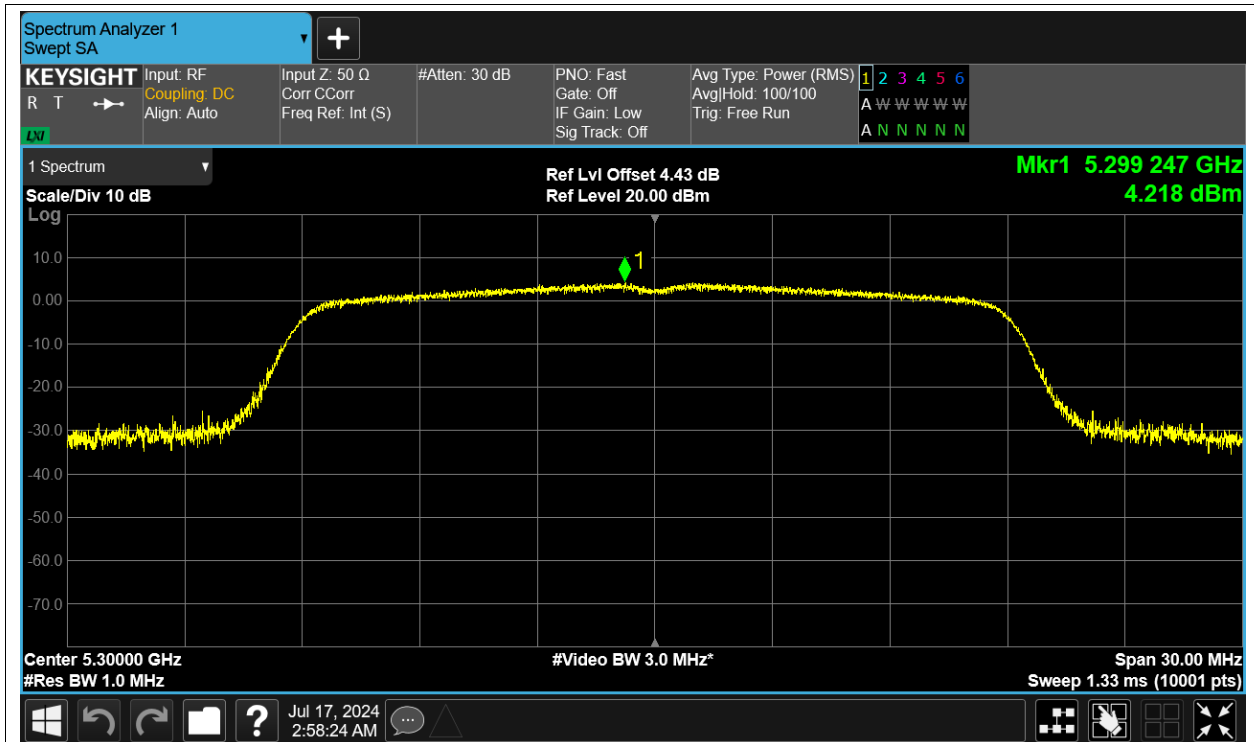
PSD NVNT ac80 5290MHz Ant1



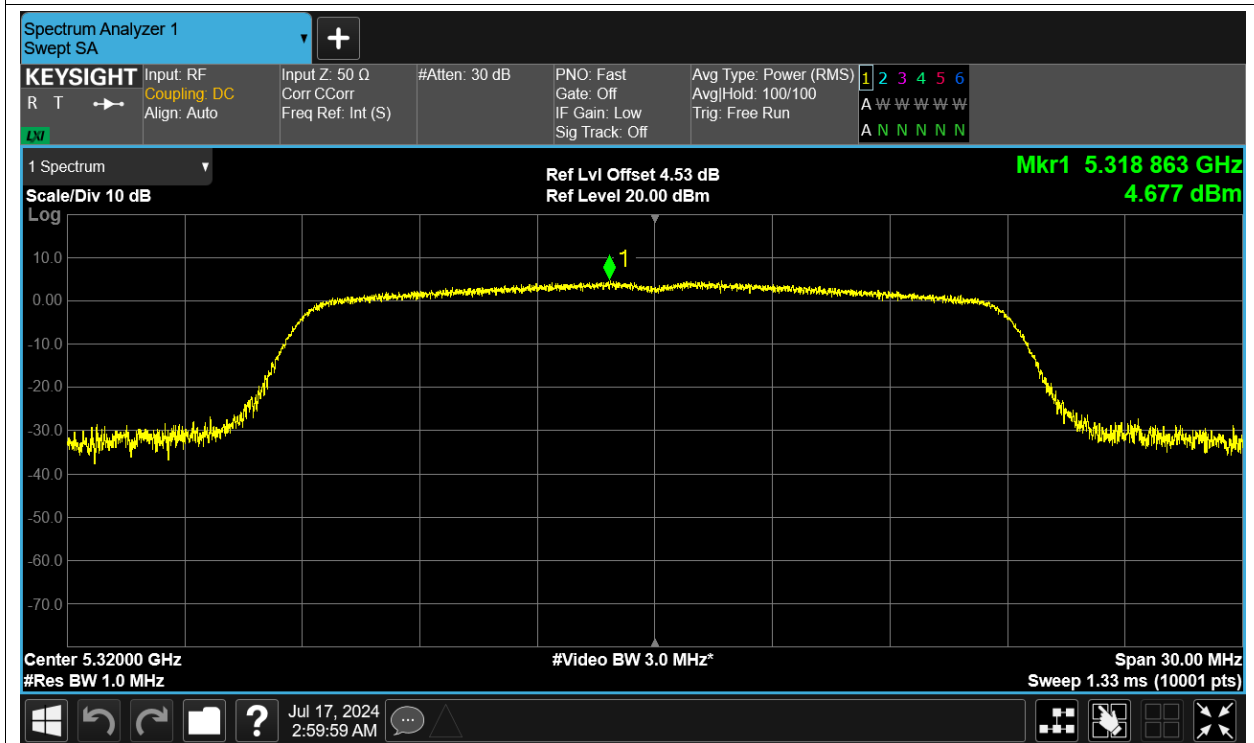
PSD NVNT n20 5260MHz Ant1



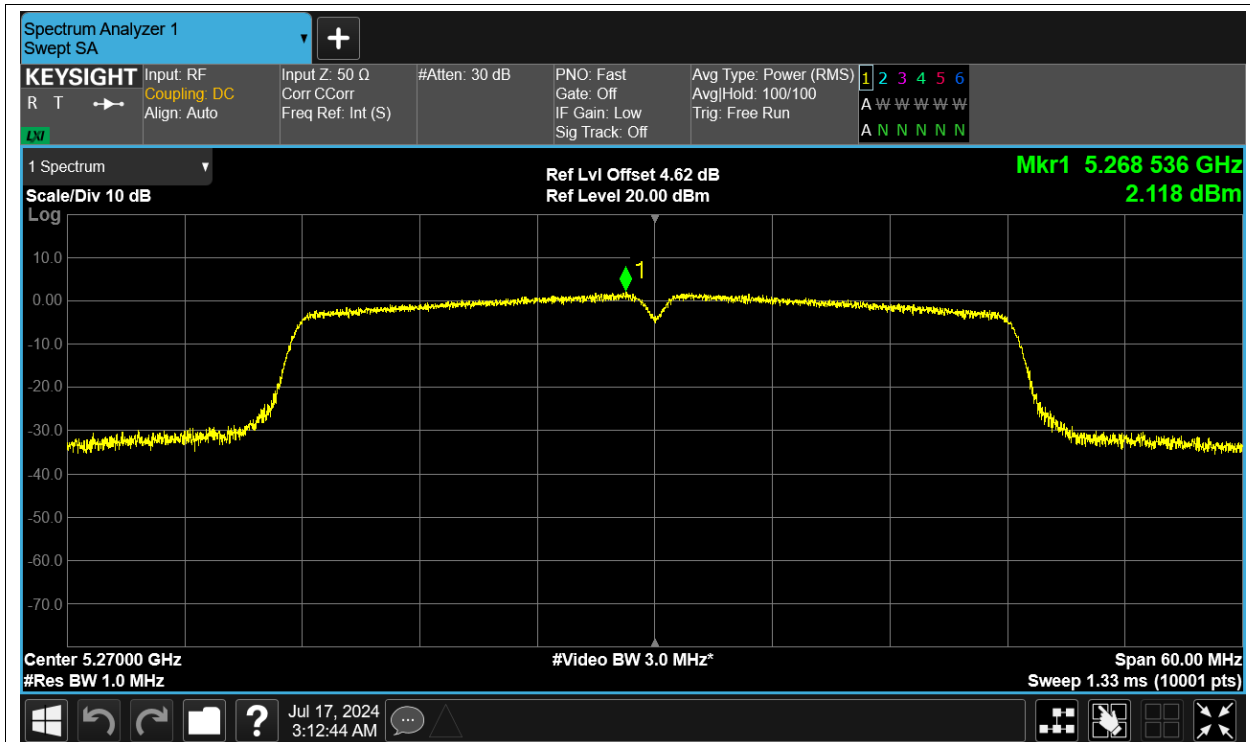
PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

