

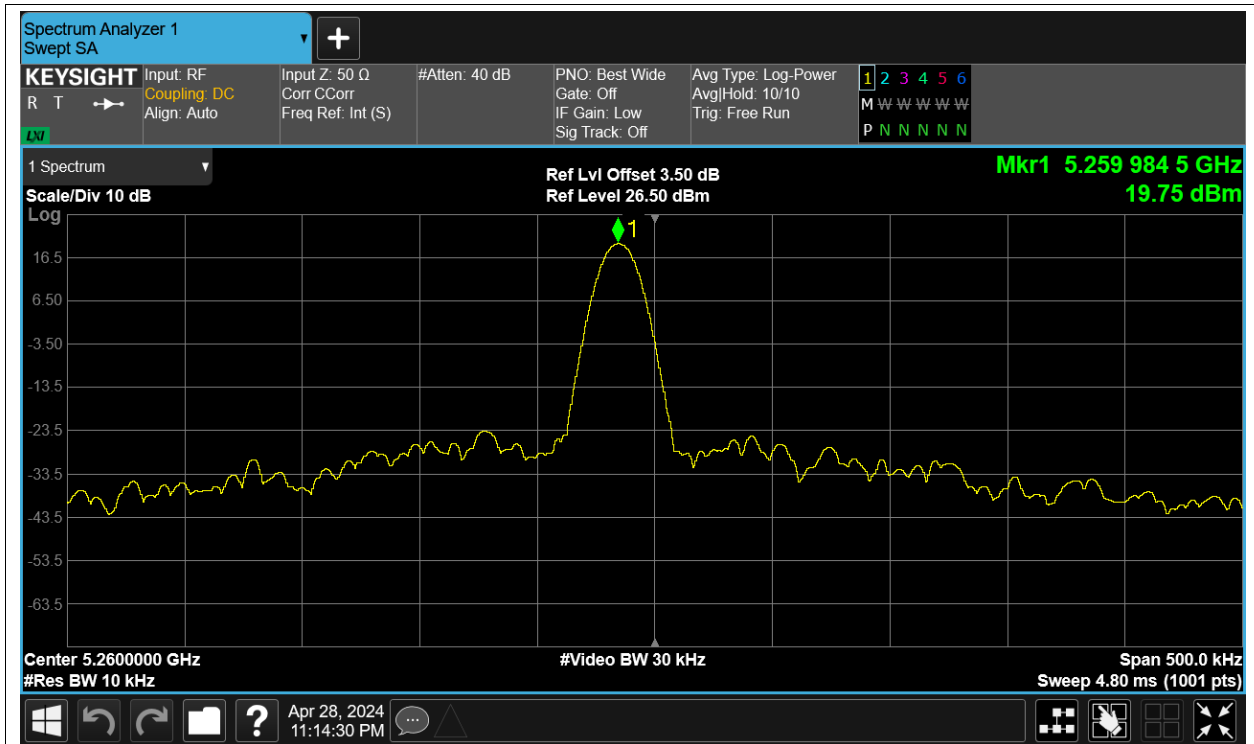
Test Data

Frequency Stability

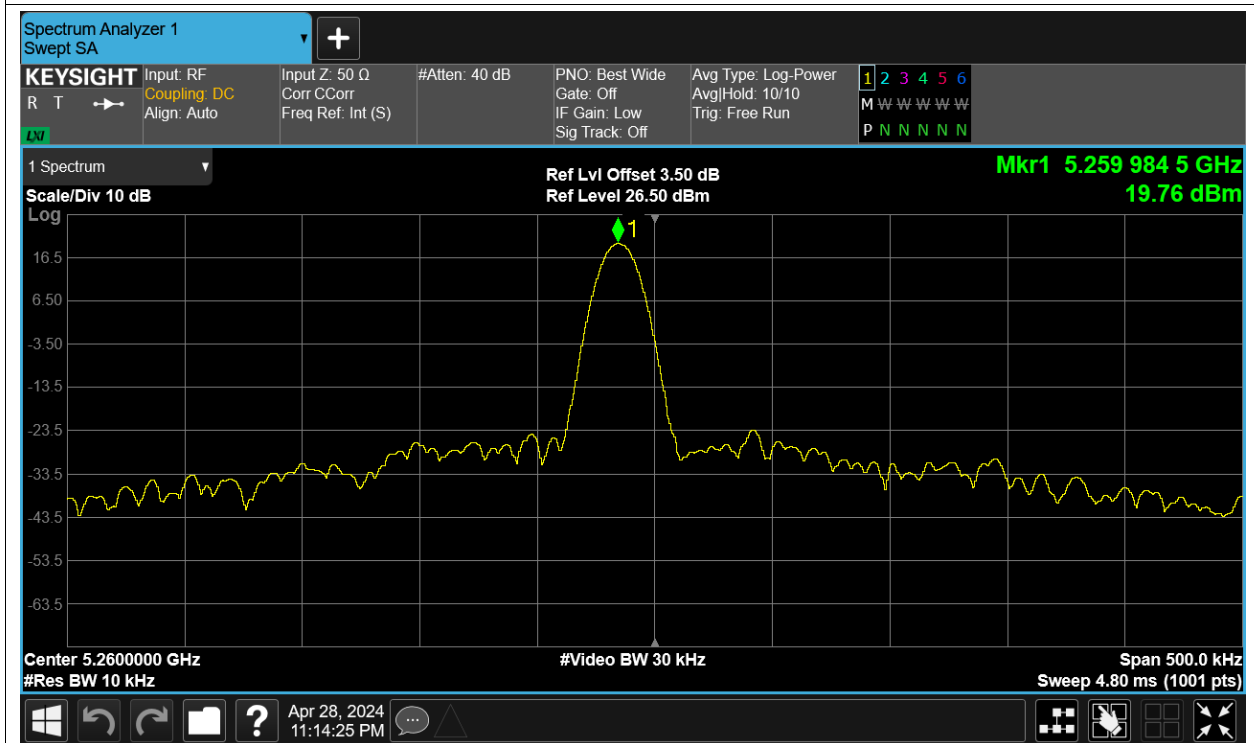
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant14	5259.9845	-2.95	Within authorized band	Pass
LVNT	a	5260	Ant14	5259.9845	-2.95		Pass
NVHT	a	5260	Ant14	5259.9845	-2.95		Pass
NVLT	a	5260	Ant14	5259.9845	-2.95		Pass
NVNT	a	5260	Ant14	5259.9845	-2.95		Pass
HVNT	ac80	5290	Ant14	5289.985	-2.84		Pass
LVNT	ac80	5290	Ant14	5289.985	-2.84		Pass
NVHT	ac80	5290	Ant14	5289.9845	-2.93		Pass
NVLT	ac80	5290	Ant14	5289.9845	-2.93		Pass
NVNT	ac80	5290	Ant14	5289.985	-2.84		Pass
HVNT	n40	5270	Ant14	5269.9845	-2.94		Pass
LVNT	n40	5270	Ant14	5269.9845	-2.94		Pass
NVHT	n40	5270	Ant14	5269.9845	-2.94		Pass
NVLT	n40	5270	Ant14	5269.9845	-2.94		Pass
NVNT	n40	5270	Ant14	5269.9845	-2.94		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.

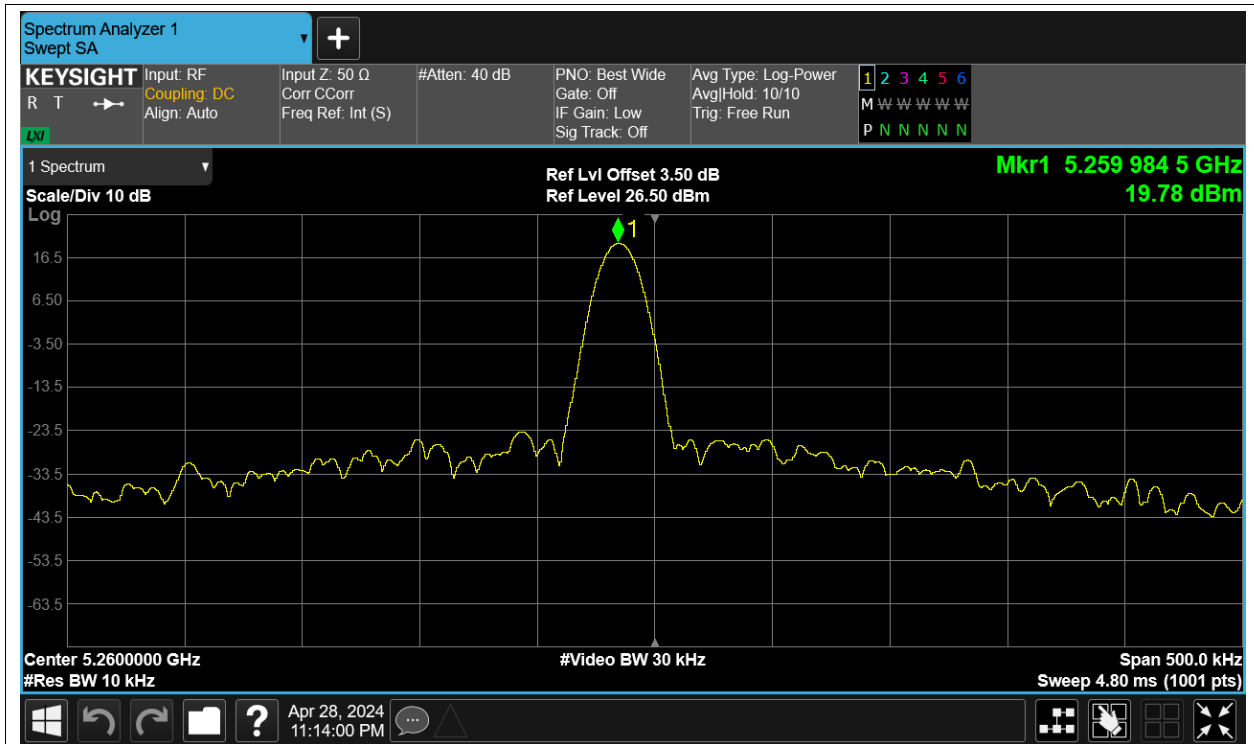




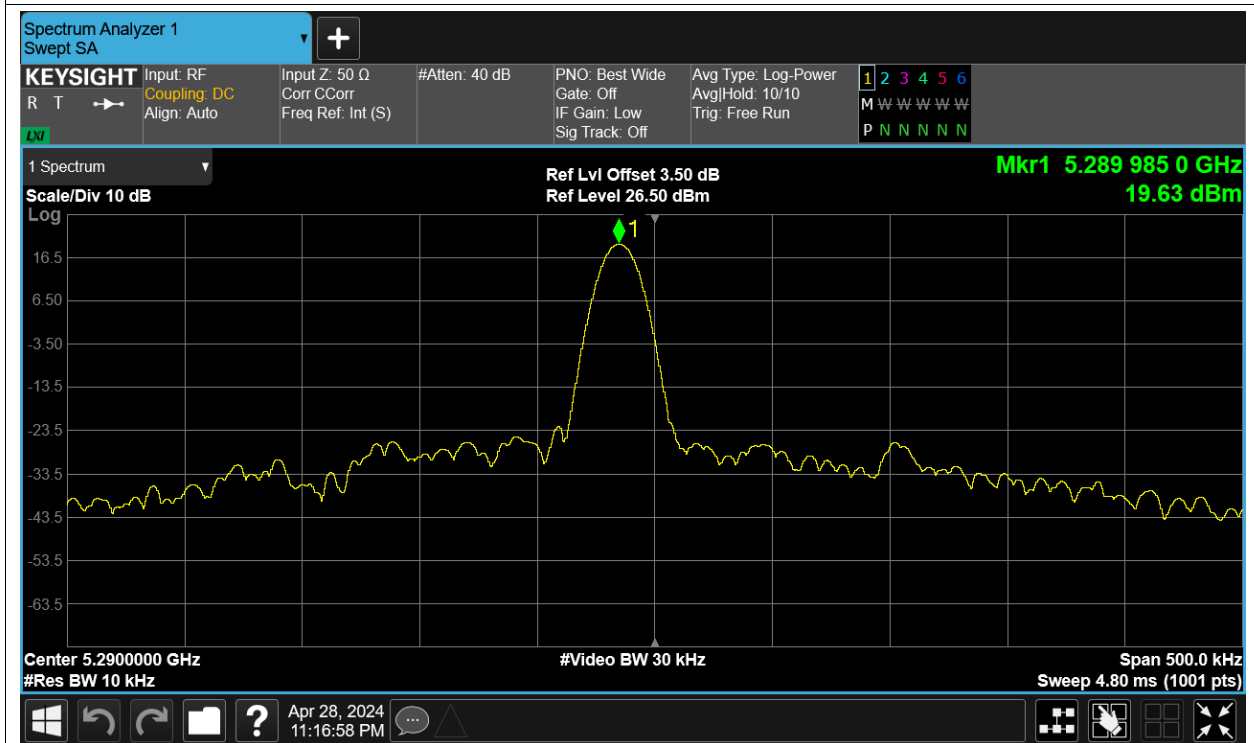
Freq. Stability NVLT a 5260MHz Ant14



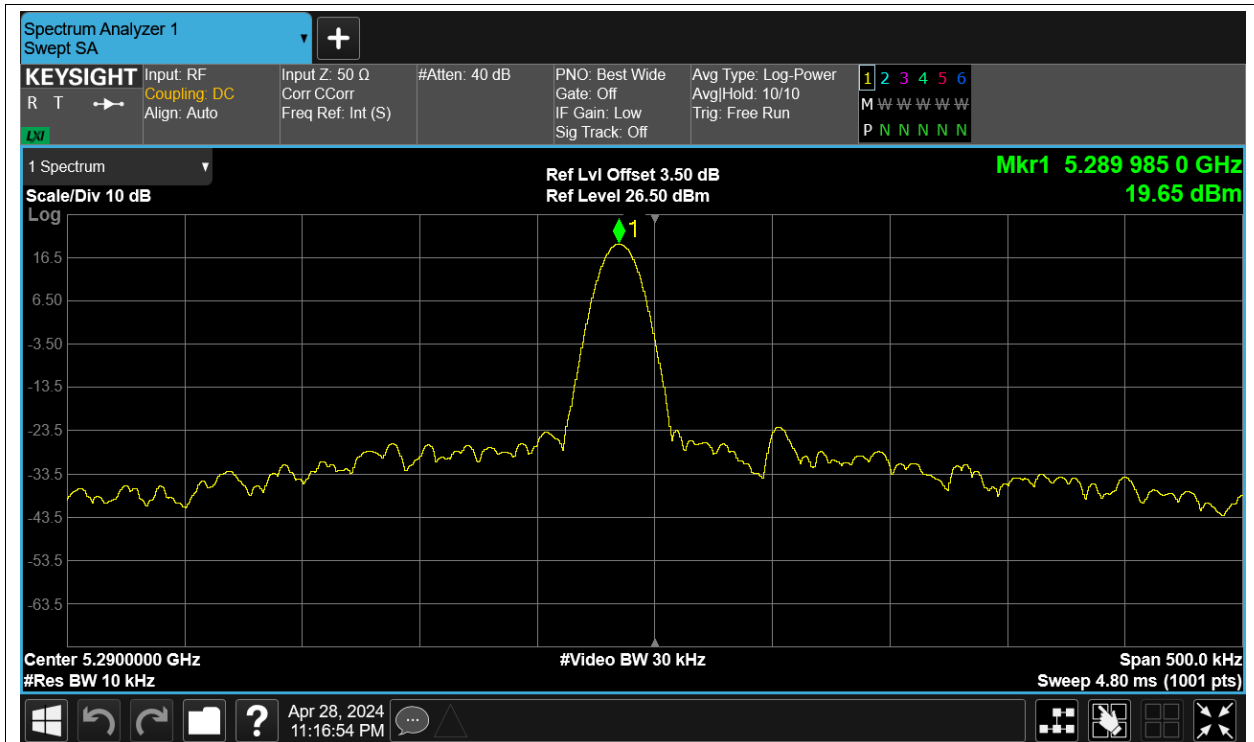
Freq. Stability NVNT a 5260MHz Ant14



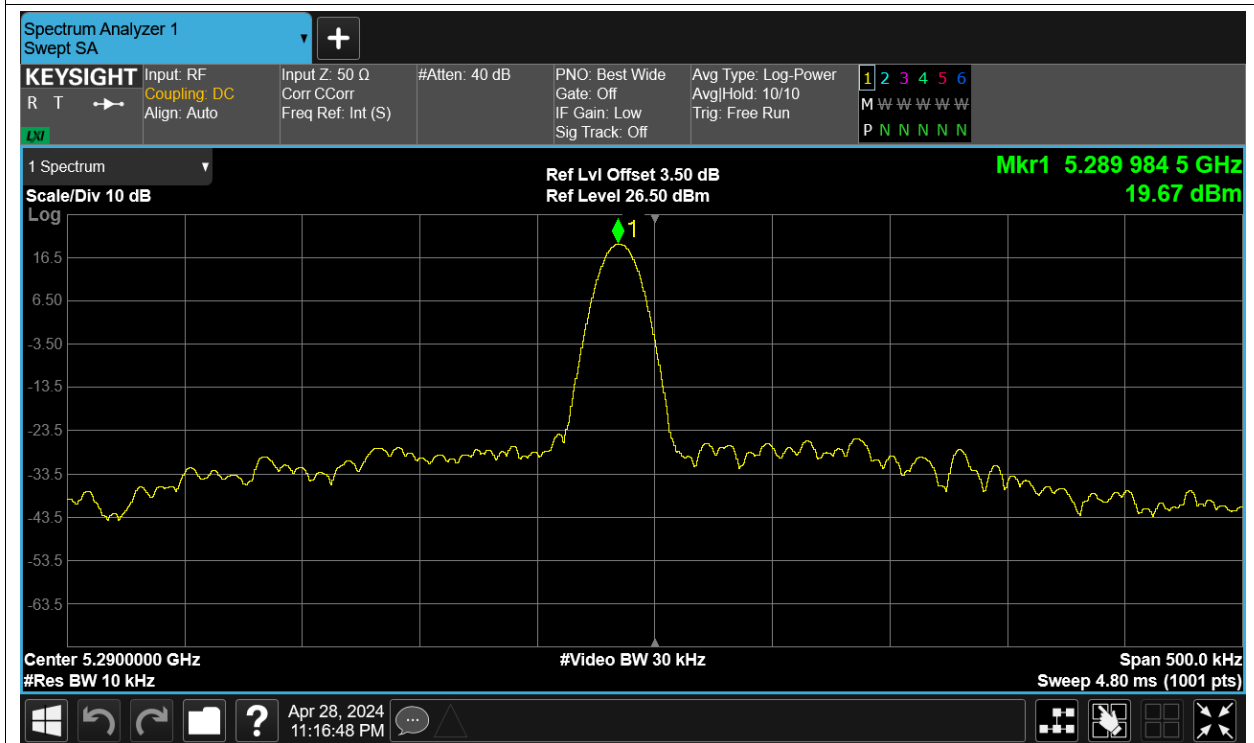
Freq. Stability HVNT ac80 5290MHz Ant14



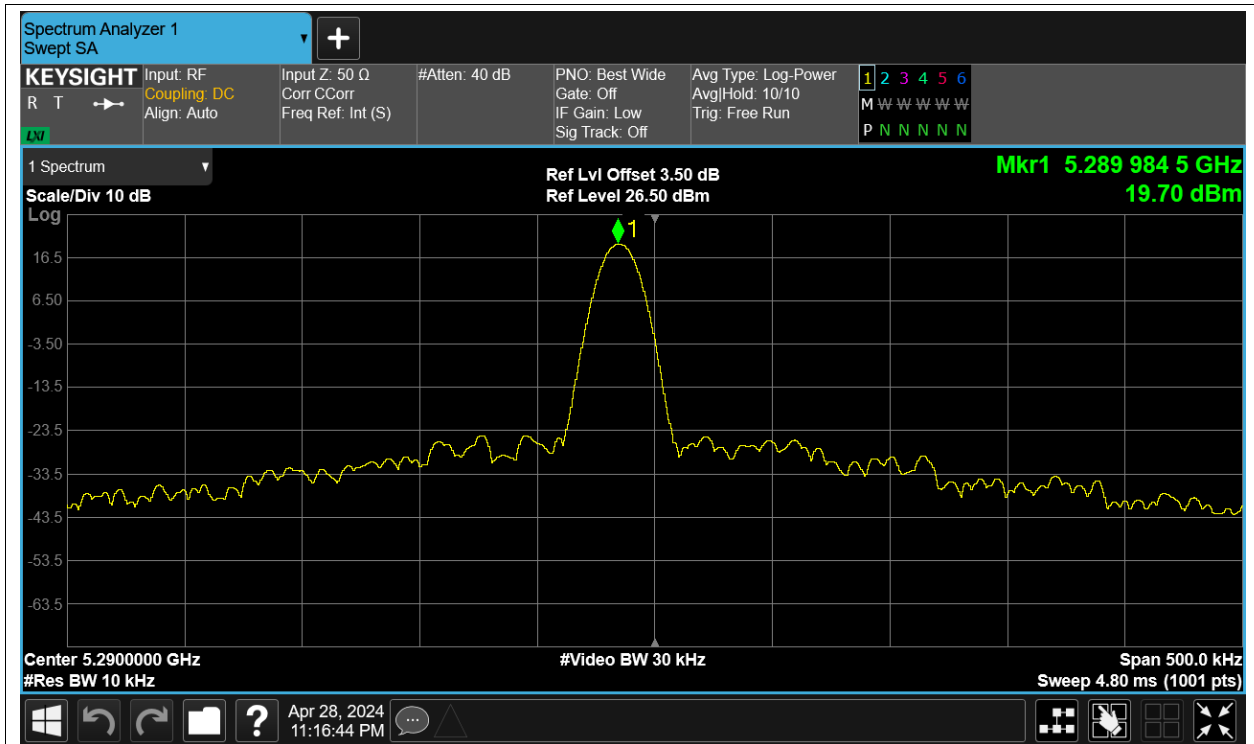
Freq. Stability LVNT ac80 5290MHz Ant14



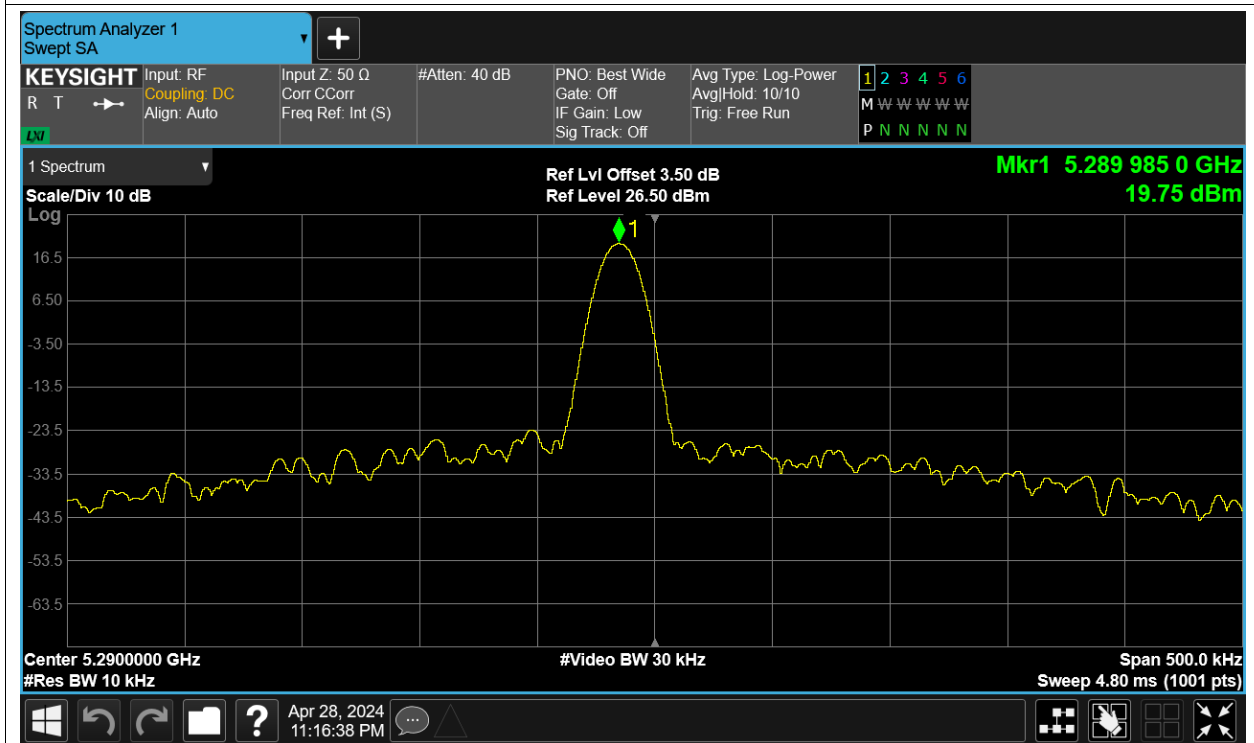
Freq. Stability NVHT ac80 5290MHz Ant14



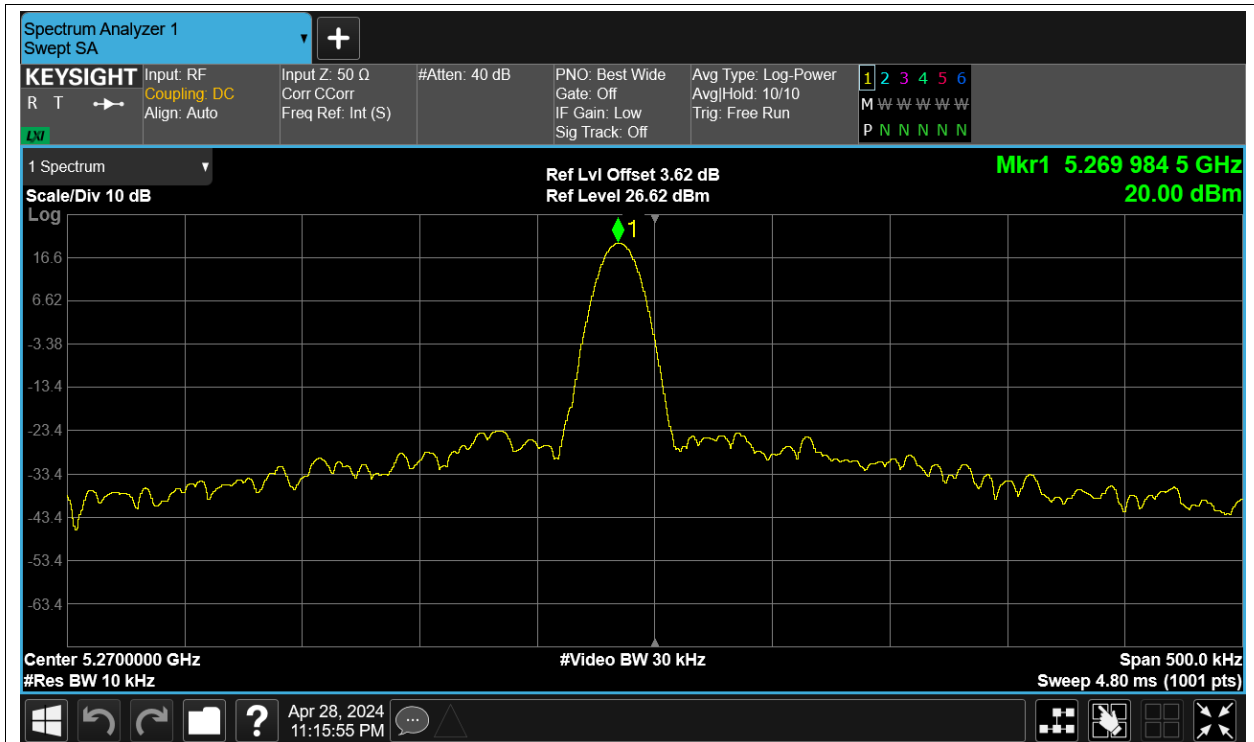
Freq. Stability NVLT ac80 5290MHz Ant14



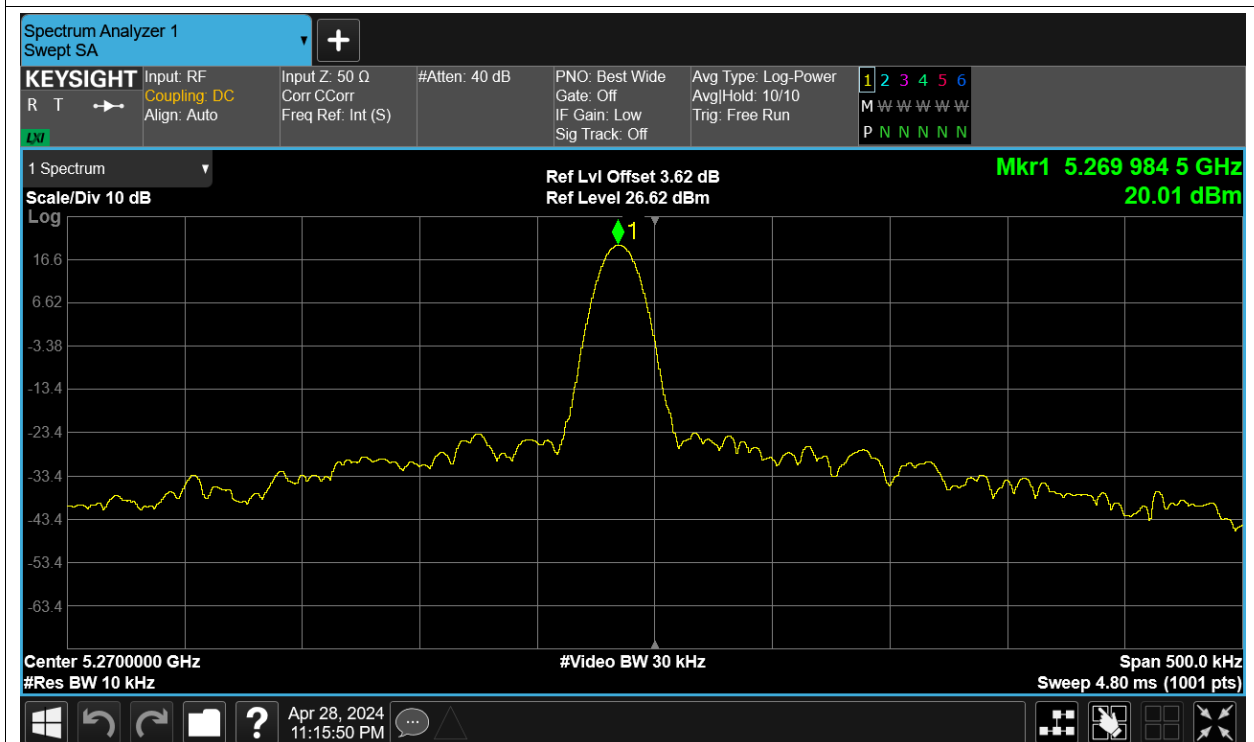
Freq. Stability NVNT ac80 5290MHz Ant14



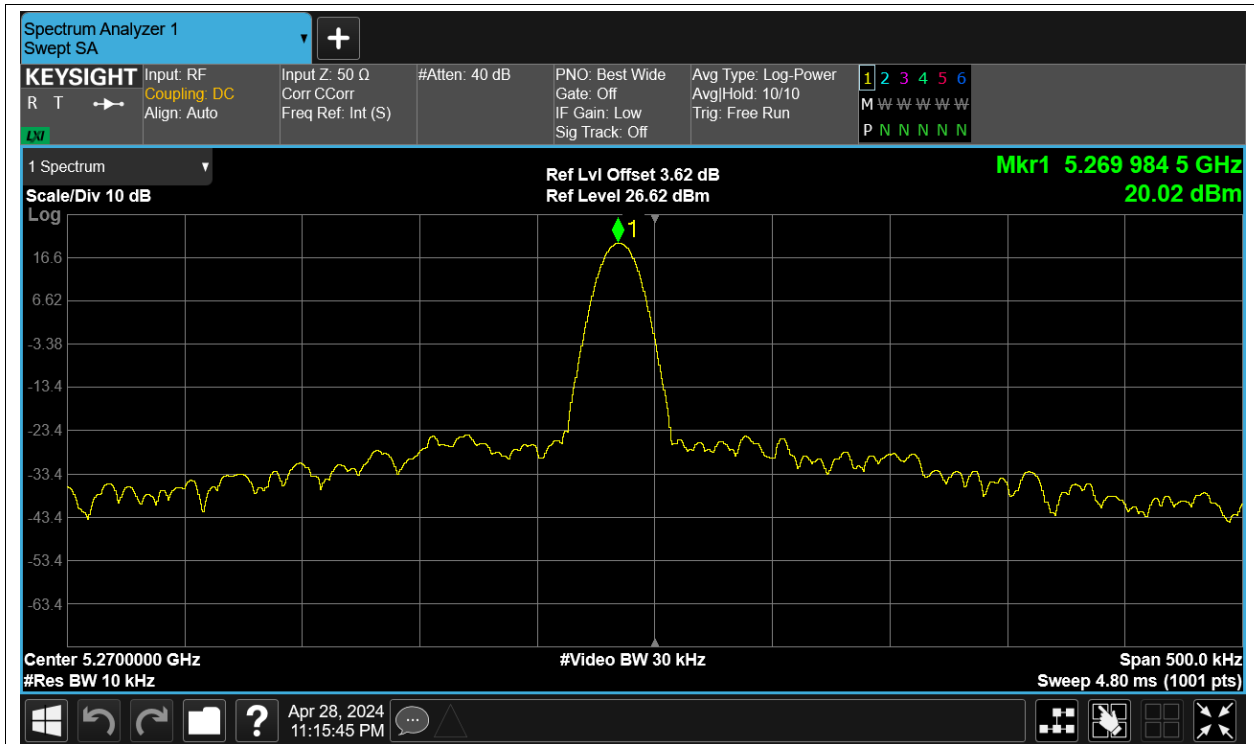
Freq. Stability HVNT n40 5270MHz Ant14



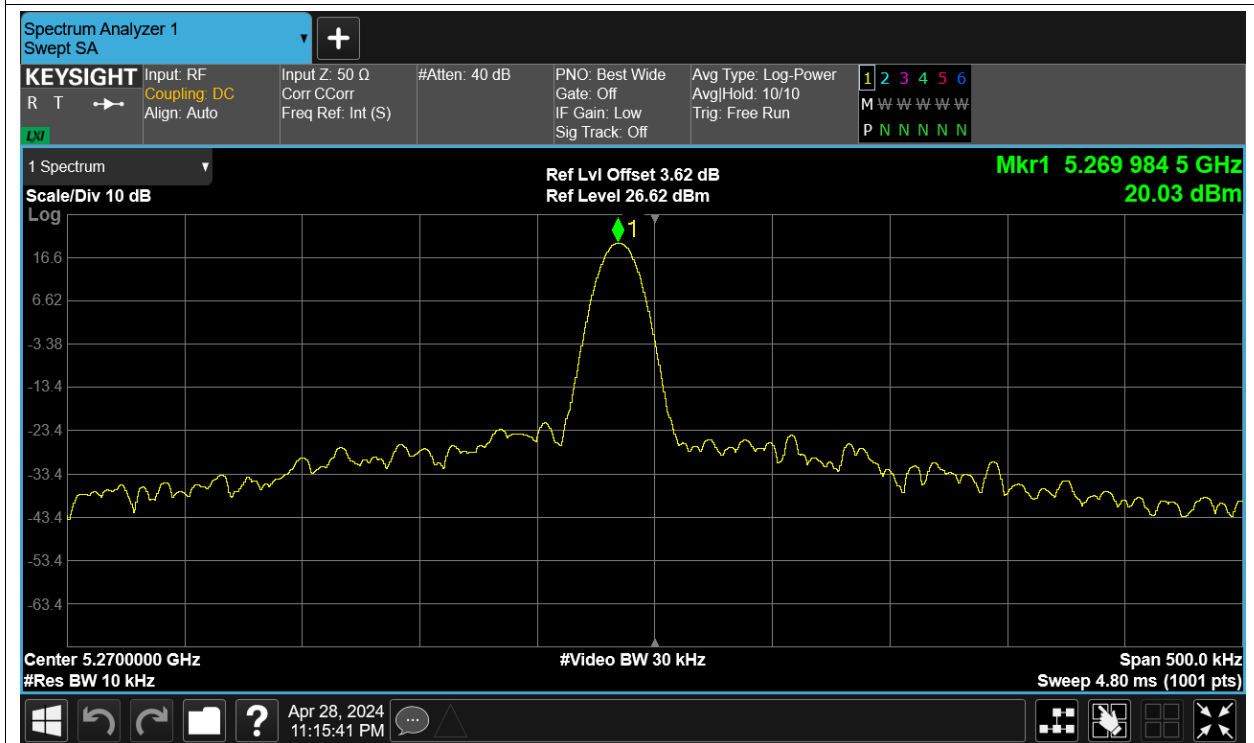
Freq. Stability LVNT n40 5270MHz Ant14



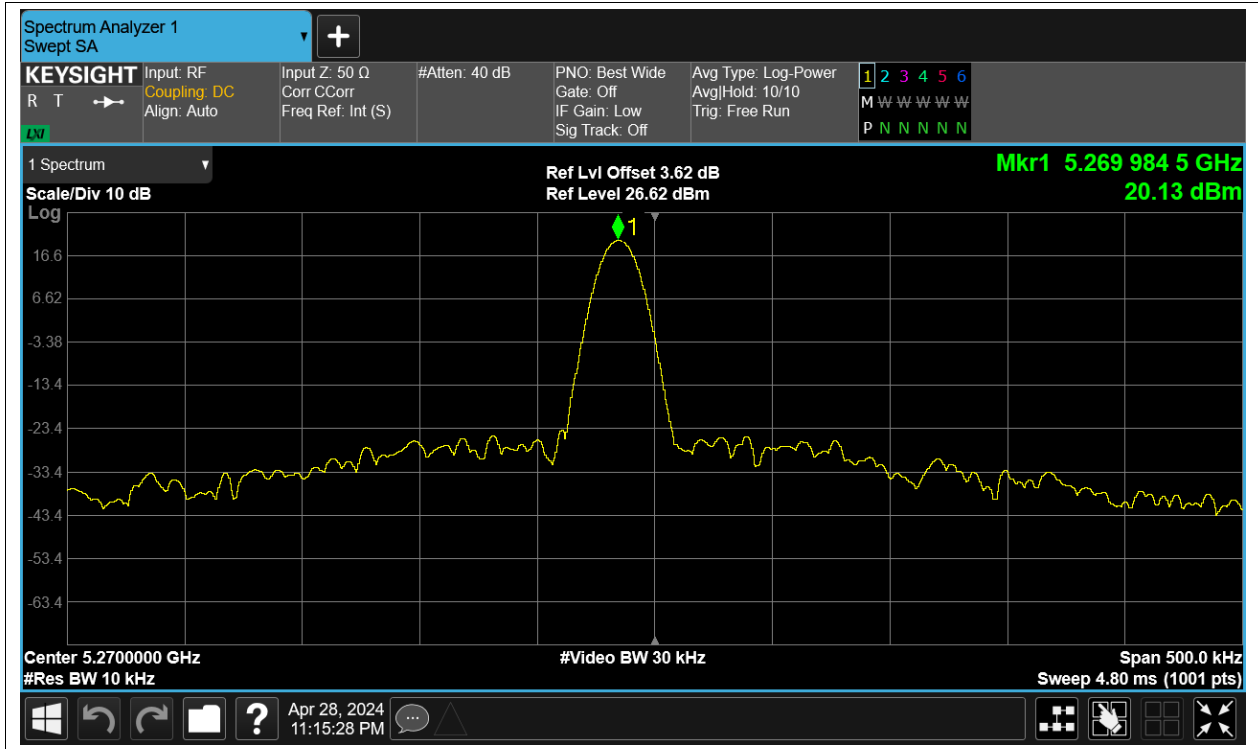
Freq. Stability NVHT n40 5270MHz Ant14



Freq. Stability NVLT n40 5270MHz Ant14

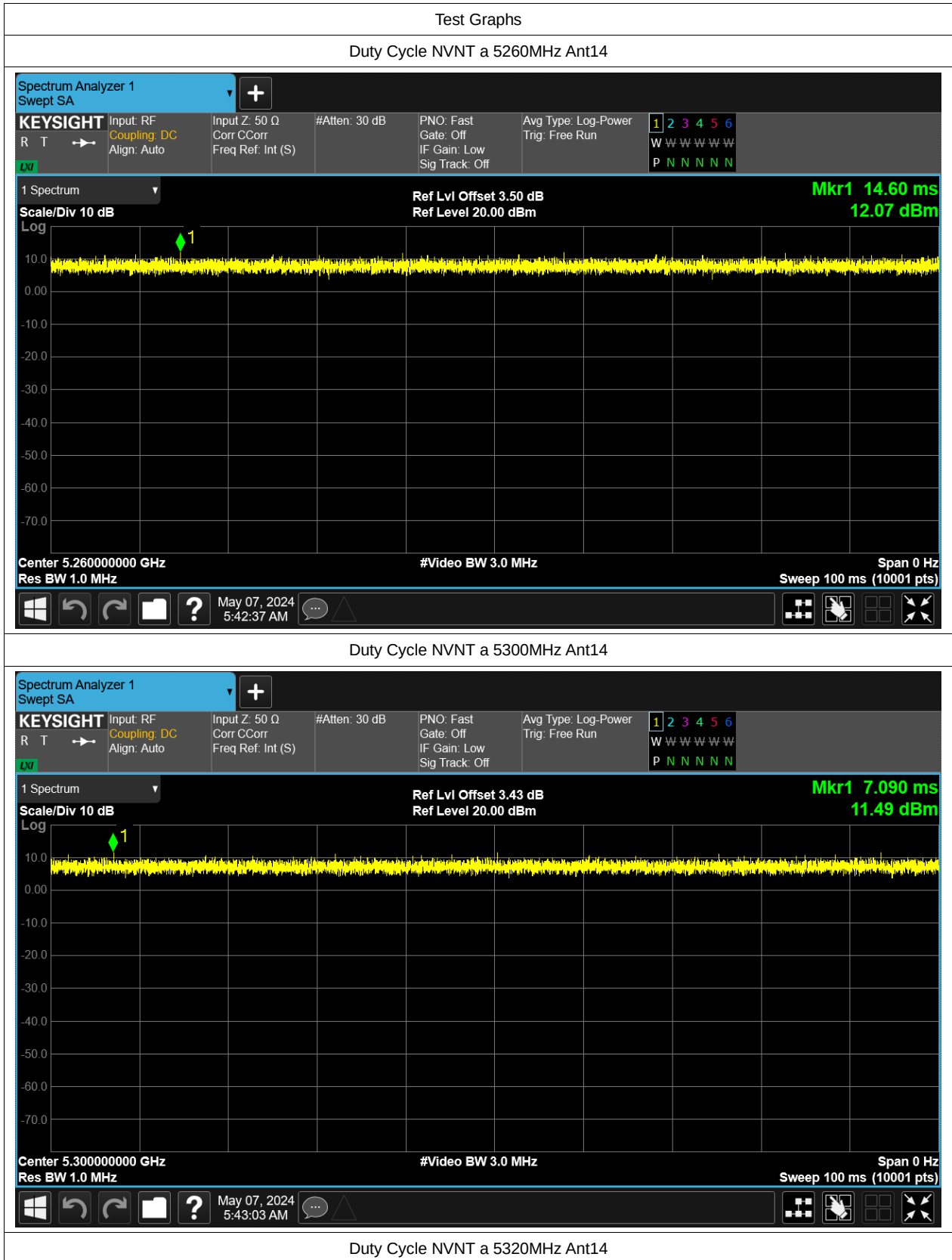


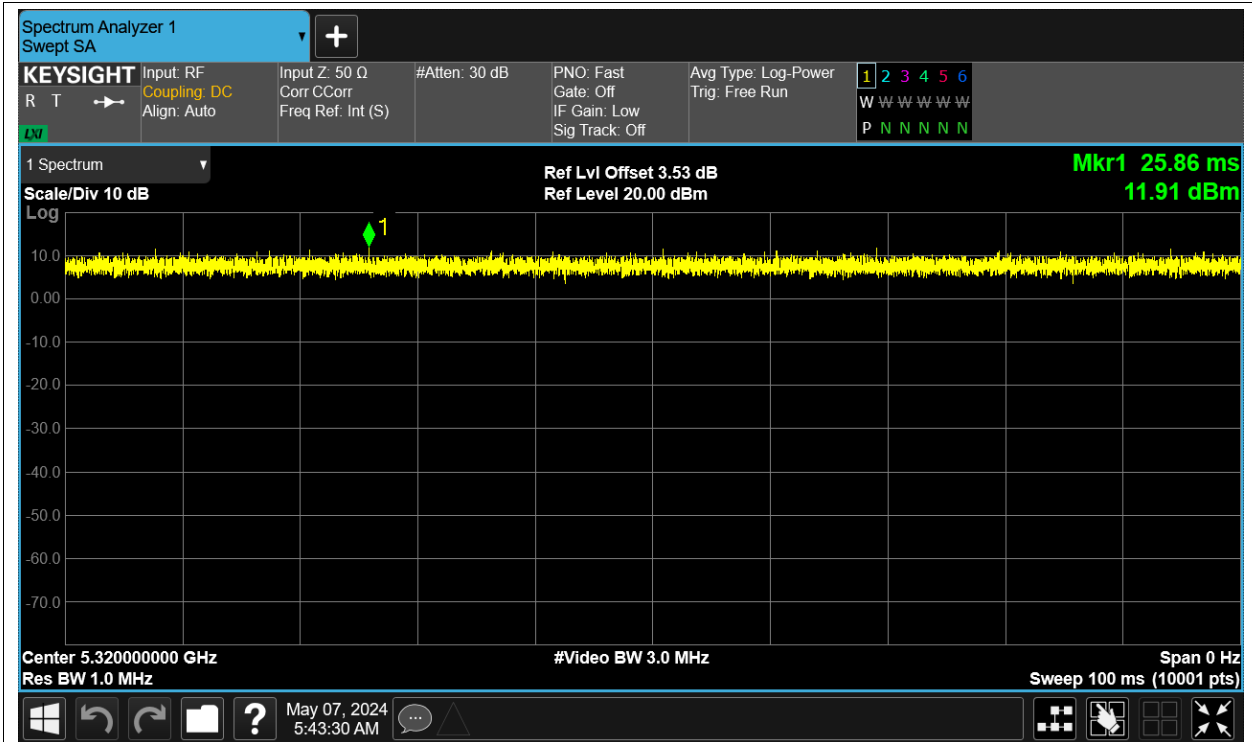
Freq. Stability NVNT n40 5270MHz Ant14



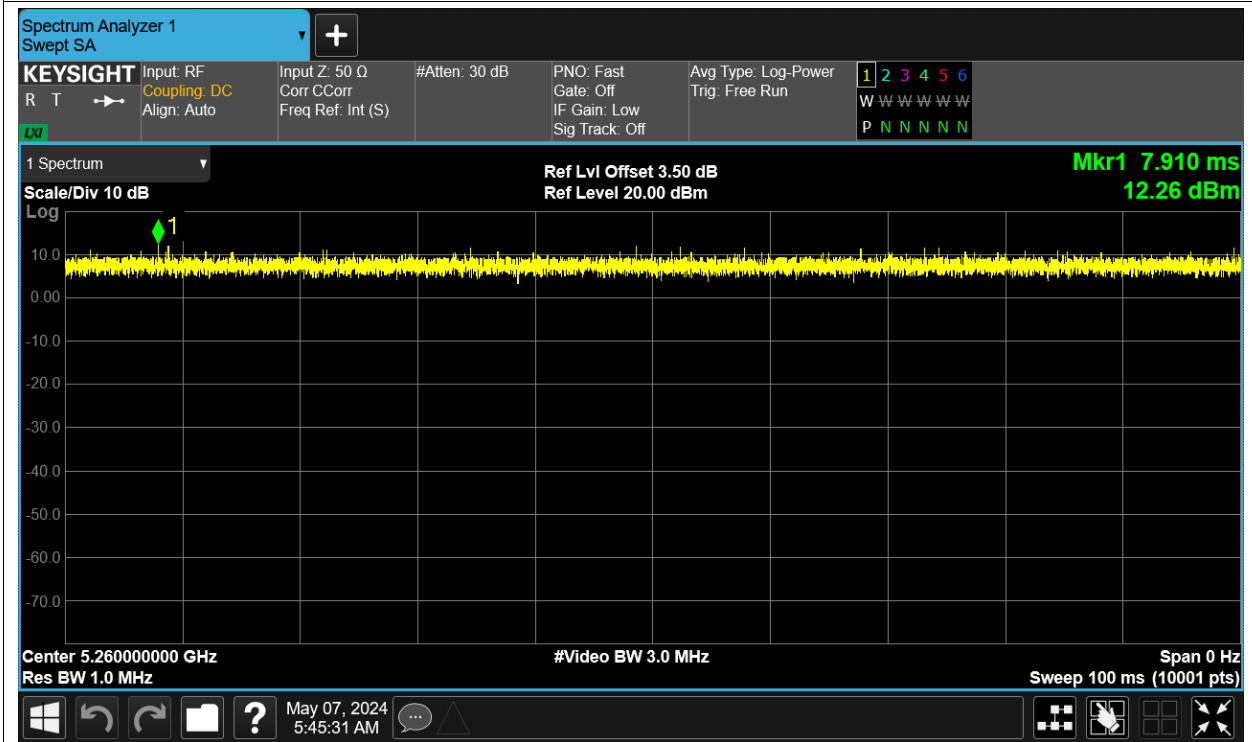
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant14	100	0
NVNT	a	5300	Ant14	100	0
NVNT	a	5320	Ant14	100	0
NVNT	ac20	5260	Ant14	100	0
NVNT	ac20	5300	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	5300	Ant14	100	0
NVNT	n20	5320	Ant14	100	0
NVNT	n40	5270	Ant14	100	0
NVNT	n40	5310	Ant14	100	0

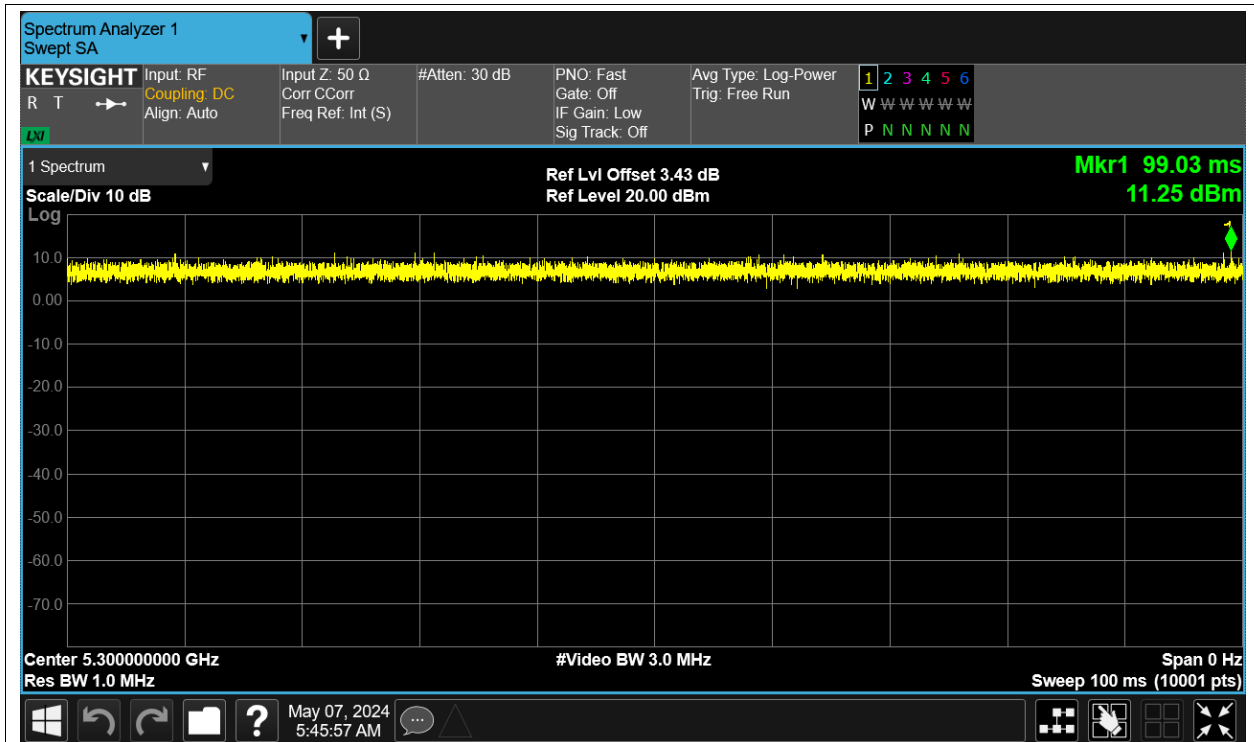




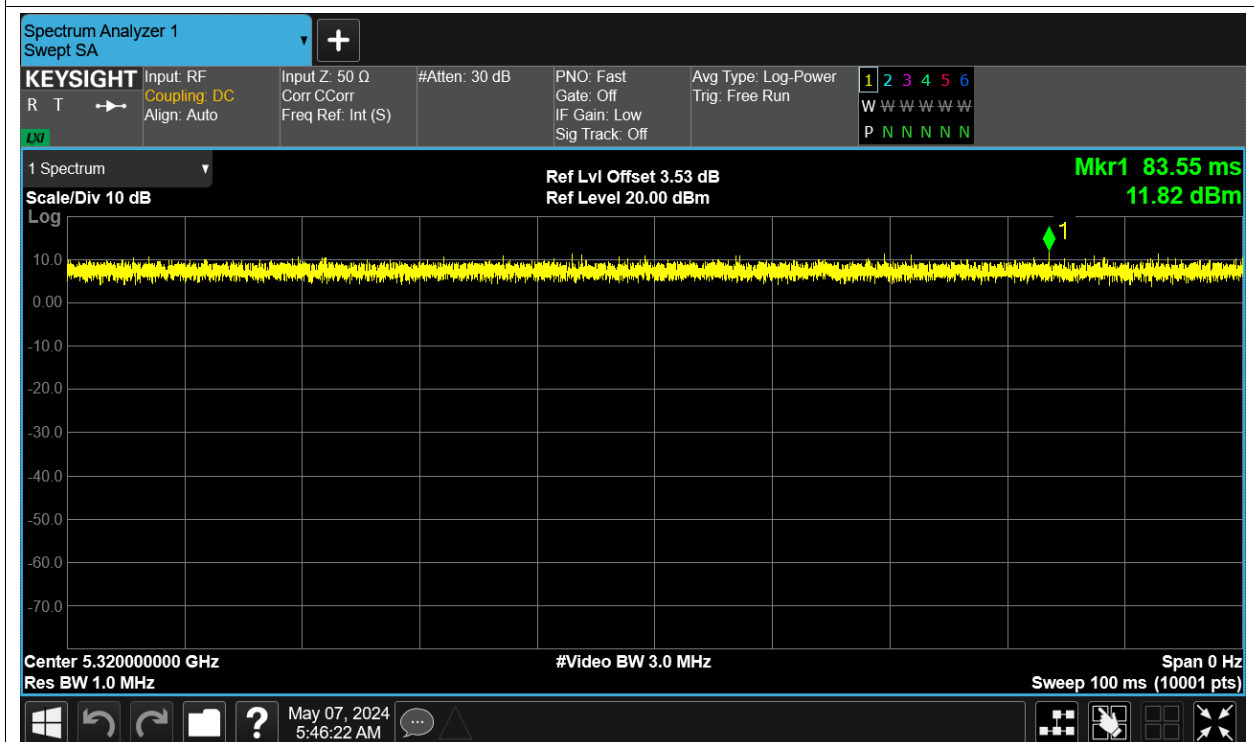
Duty Cycle NVNT ac20 5260MHz Ant14



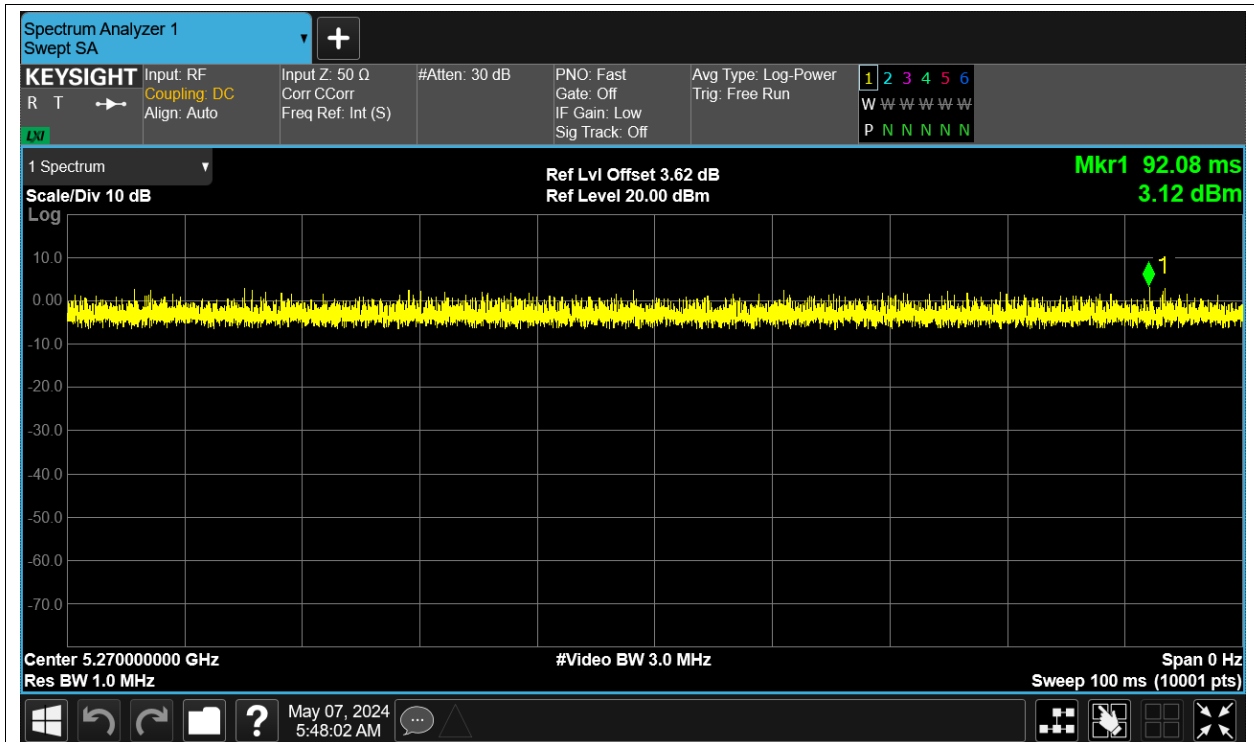
Duty Cycle NVNT ac20 5300MHz Ant14



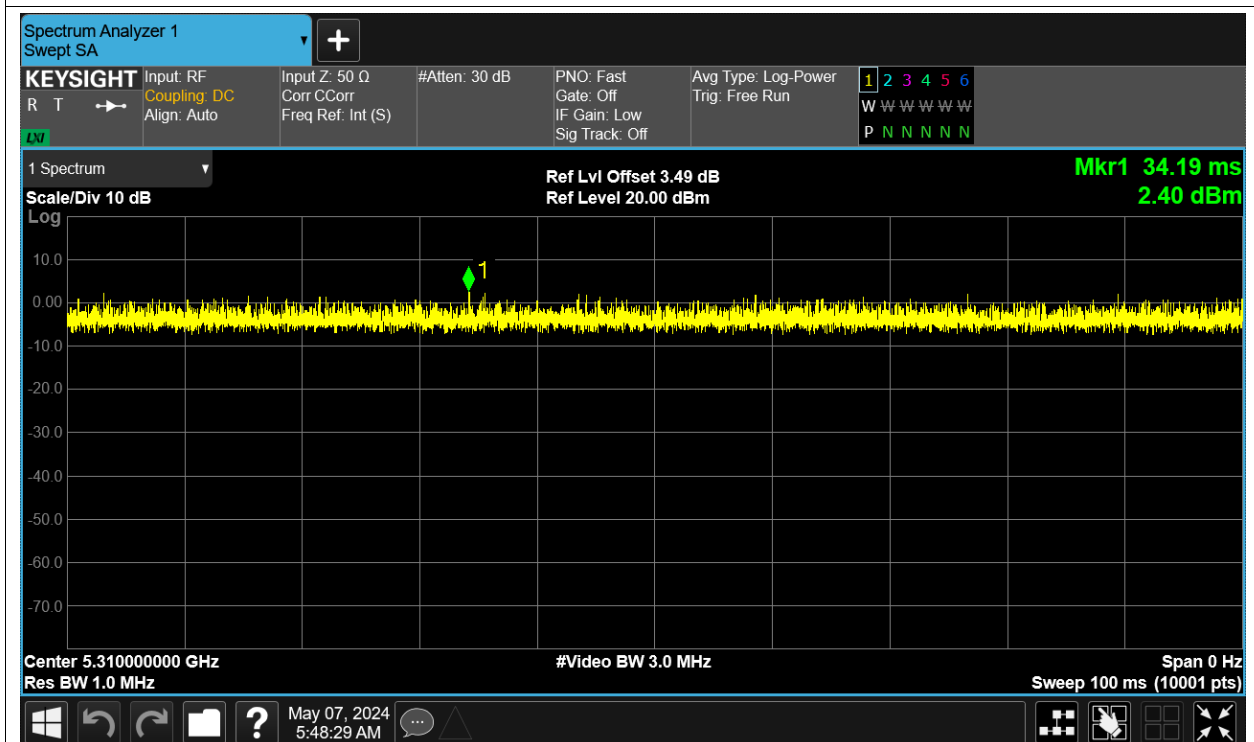
Duty Cycle NVNT ac20 5320MHz Ant14



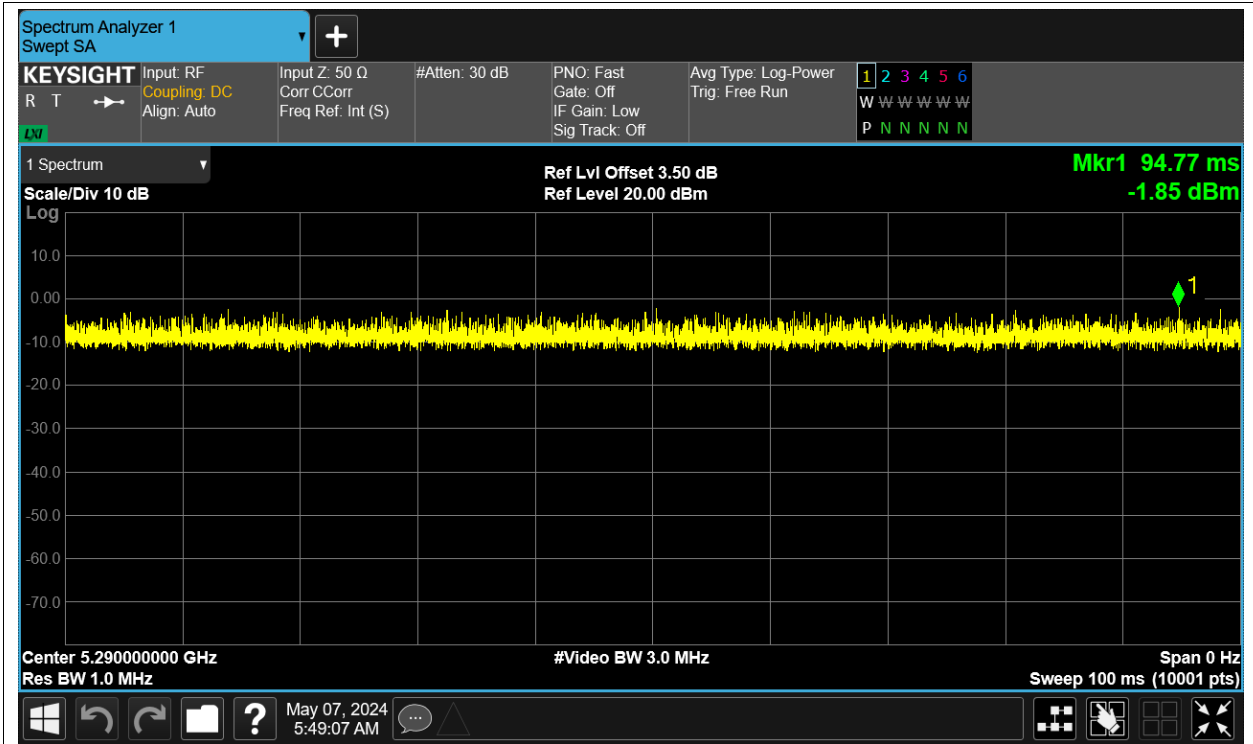
Duty Cycle NVNT ac40 5270MHz Ant14



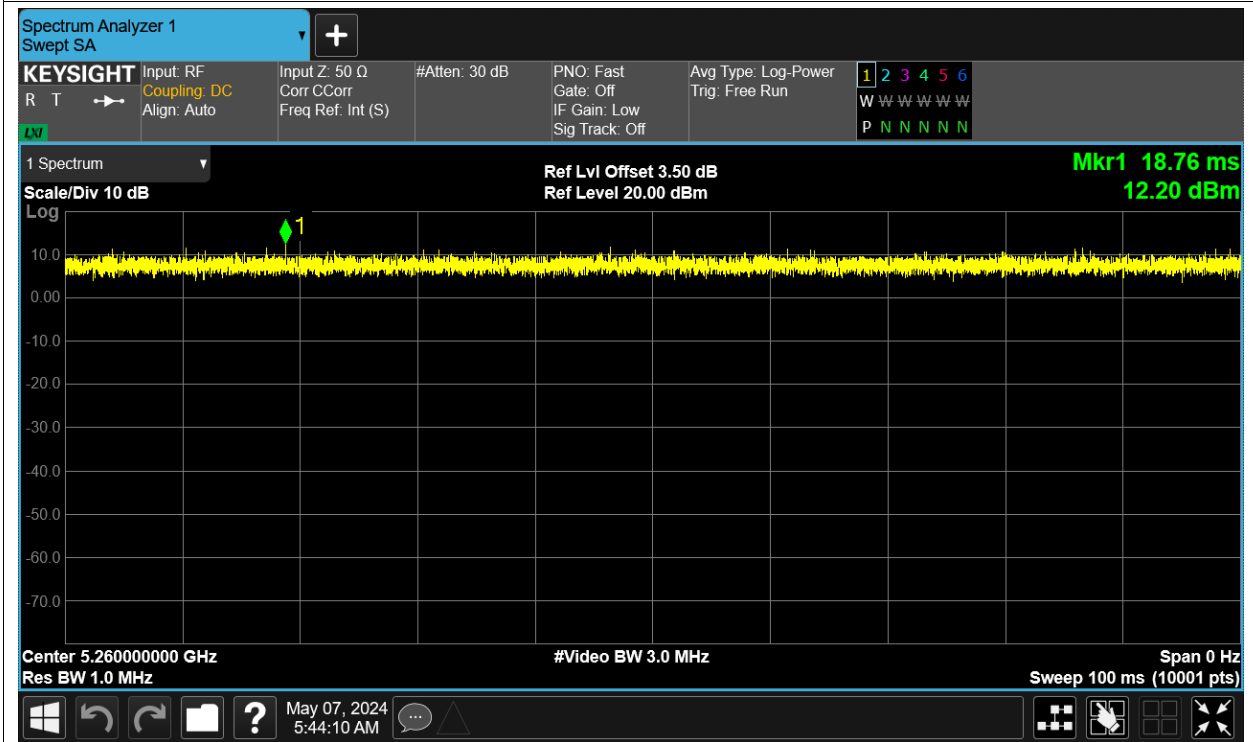
Duty Cycle NVNT ac40 5310MHz Ant14



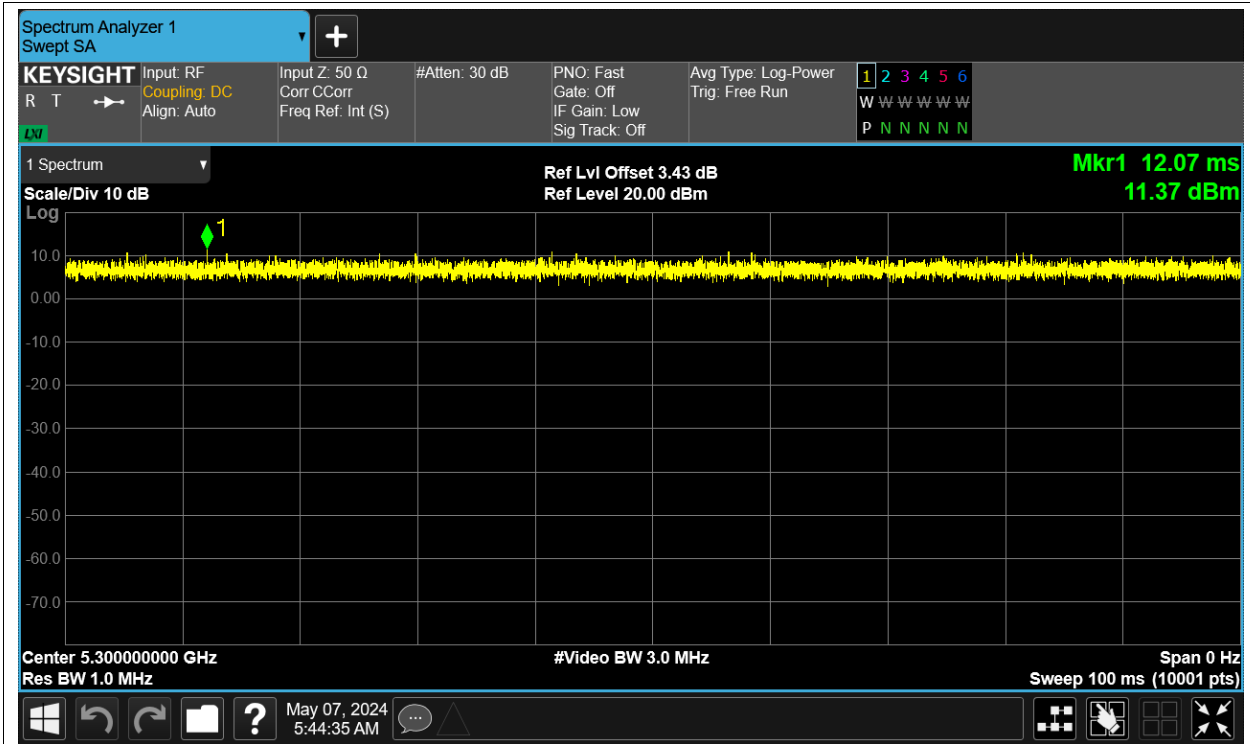
Duty Cycle NVNT ac80 5290MHz Ant14



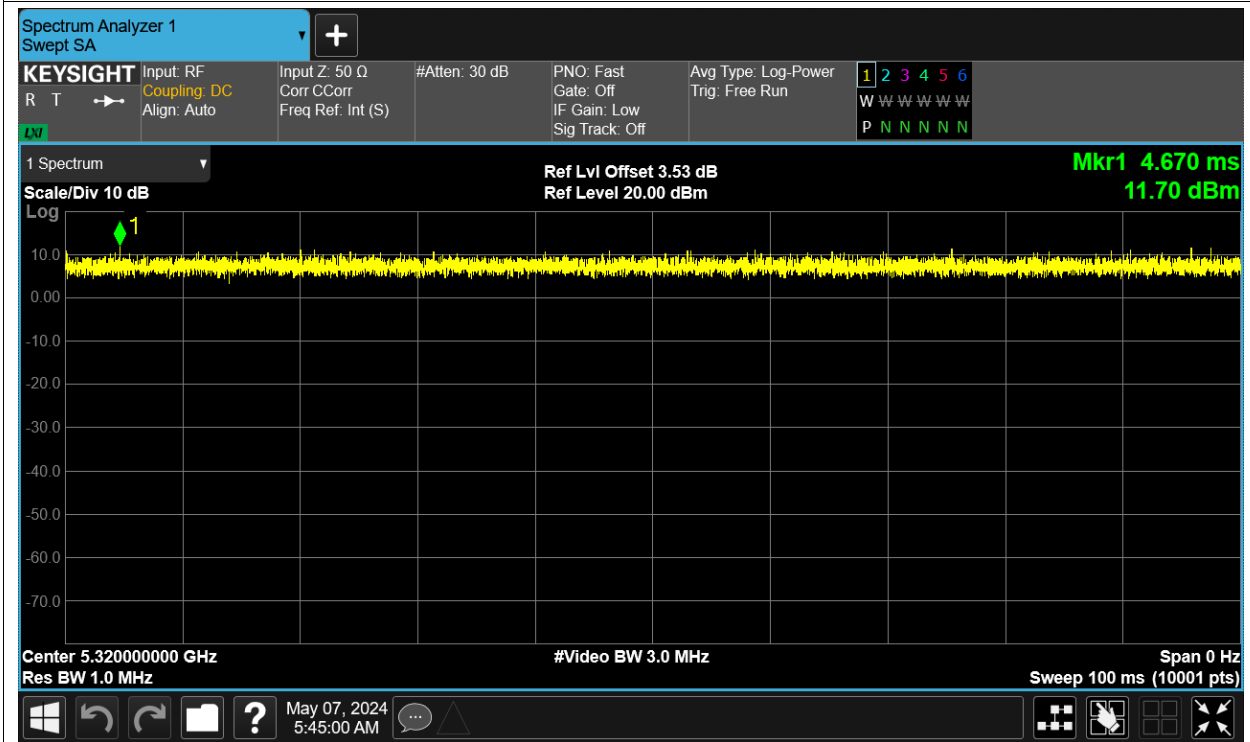
Duty Cycle NVNT n20 5260MHz Ant14



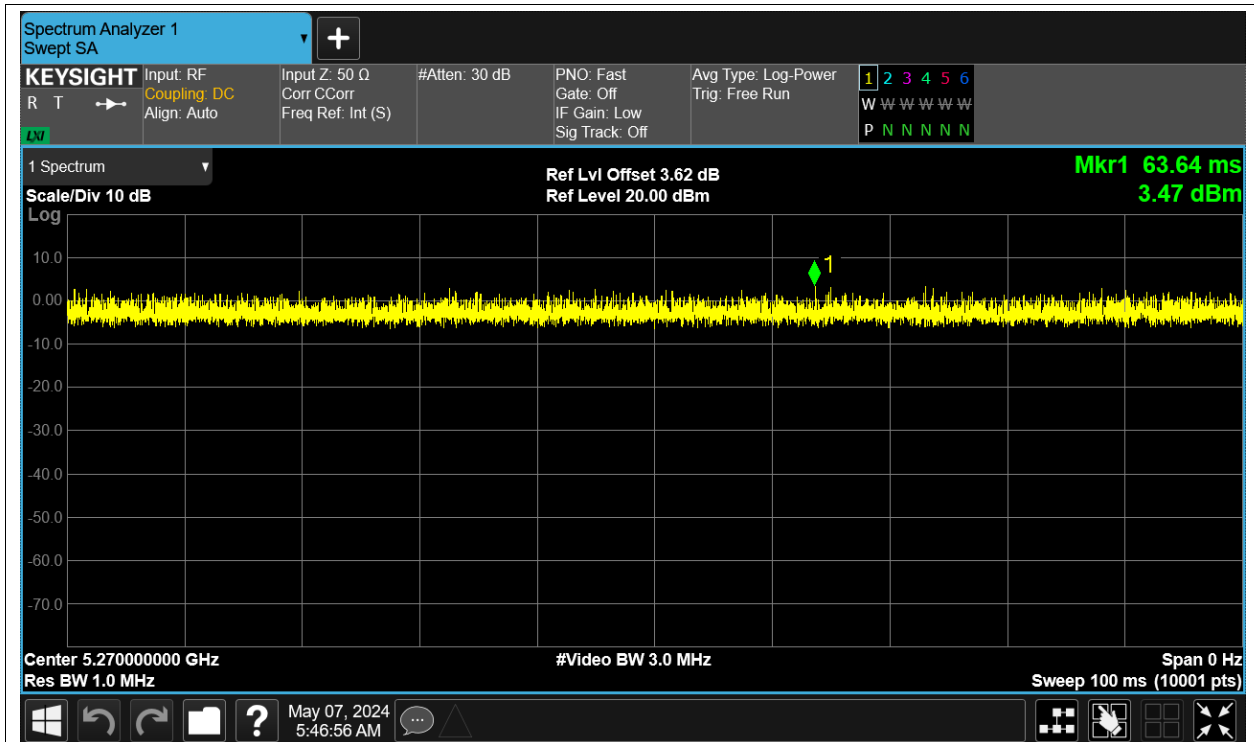
Duty Cycle NVNT n20 5300MHz Ant14



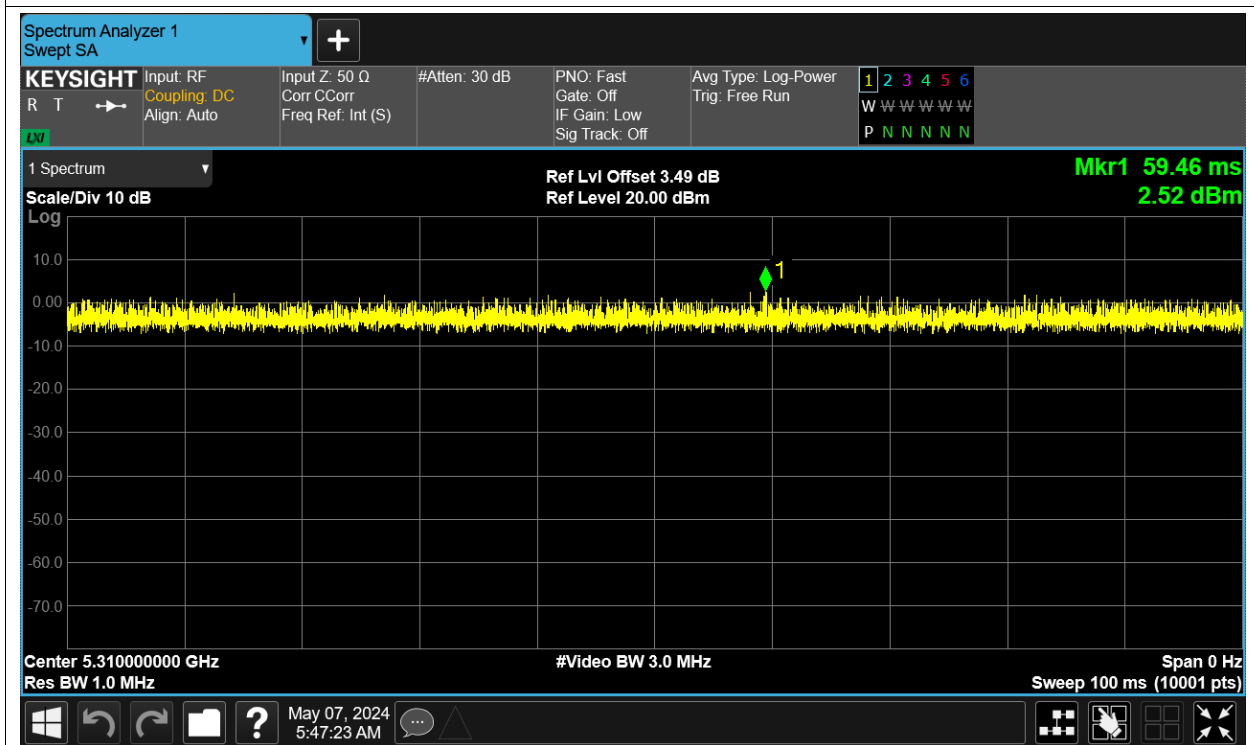
Duty Cycle NVNT n20 5320MHz Ant14



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	13.92	0	13.92	24	Pass
NVNT	a	5300	Ant14	14.49	0	14.49	24	Pass
NVNT	a	5320	Ant14	14.49	0	14.49	24	Pass
NVNT	ac20	5260	Ant14	13.82	0	13.82	24	Pass
NVNT	ac20	5300	Ant14	14.29	0	14.29	24	Pass
NVNT	ac20	5320	Ant14	14.33	0	14.33	24	Pass
NVNT	ac40	5270	Ant14	9.74	0	9.74	24	Pass
NVNT	ac40	5310	Ant14	10.14	0	10.14	24	Pass
NVNT	ac80	5290	Ant14	7.88	0	7.88	24	Pass
NVNT	n20	5260	Ant14	13.91	0	13.91	24	Pass
NVNT	n20	5300	Ant14	14.21	0	14.21	24	Pass
NVNT	n20	5320	Ant14	14.33	0	14.33	24	Pass
NVNT	n40	5270	Ant14	10.12	0	10.12	24	Pass
NVNT	n40	5310	Ant14	10.27	0	10.27	24	Pass

-26dB Bandwidth

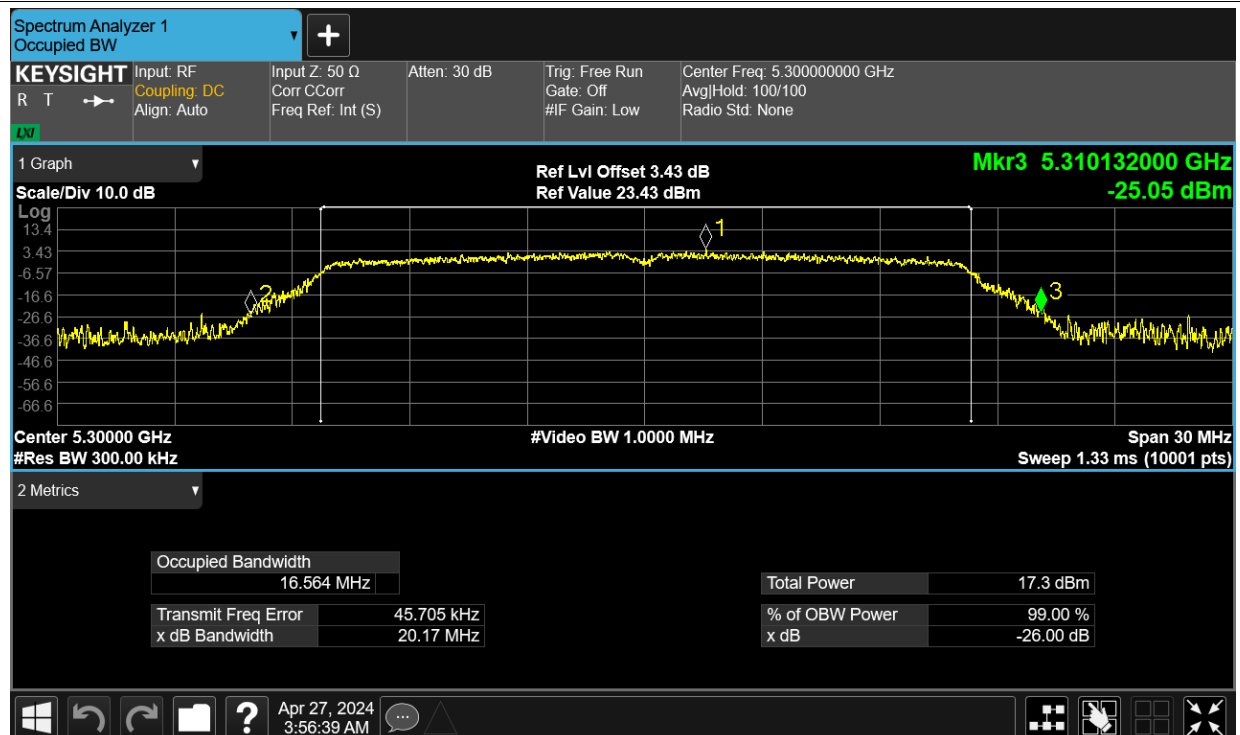
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant14	20.038
NVNT	a	5300	Ant14	20.172
NVNT	a	5320	Ant14	20.151
NVNT	ac20	5260	Ant14	20.373
NVNT	ac20	5300	Ant14	21.073
NVNT	ac20	5320	Ant14	20.205
NVNT	ac40	5270	Ant14	39.973
NVNT	ac40	5310	Ant14	39.833
NVNT	ac80	5290	Ant14	79.454
NVNT	n20	5260	Ant14	20.358
NVNT	n20	5300	Ant14	20.408
NVNT	n20	5320	Ant14	20.301
NVNT	n40	5270	Ant14	39.539
NVNT	n40	5310	Ant14	39.557

Test Graphs

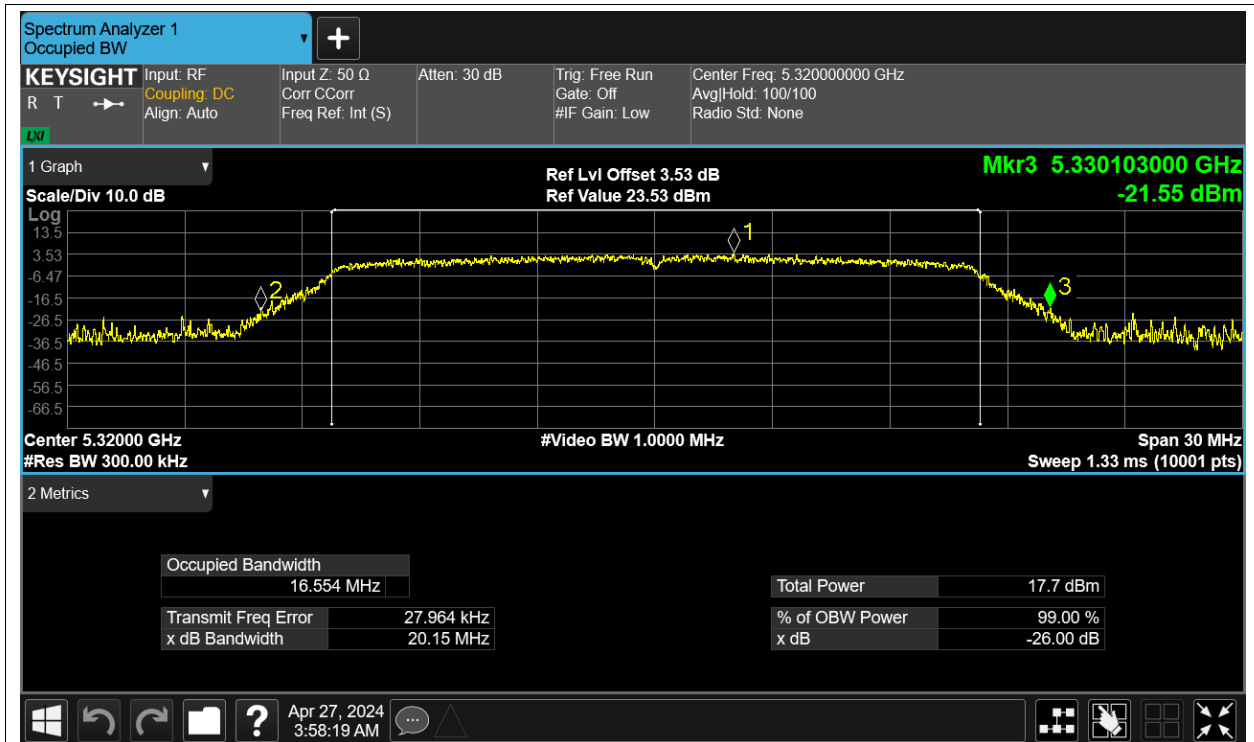
-26dB Bandwidth NVNT a 5260MHz Ant14



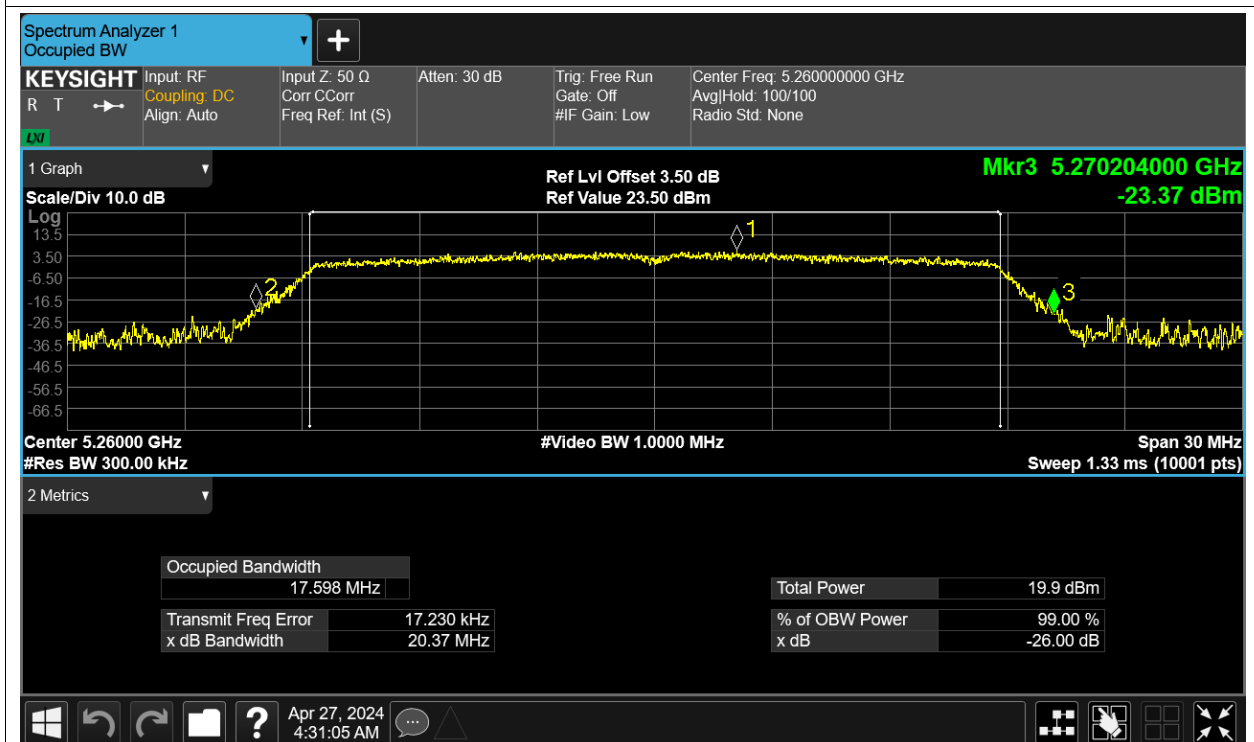
-26dB Bandwidth NVNT a 5300MHz Ant14



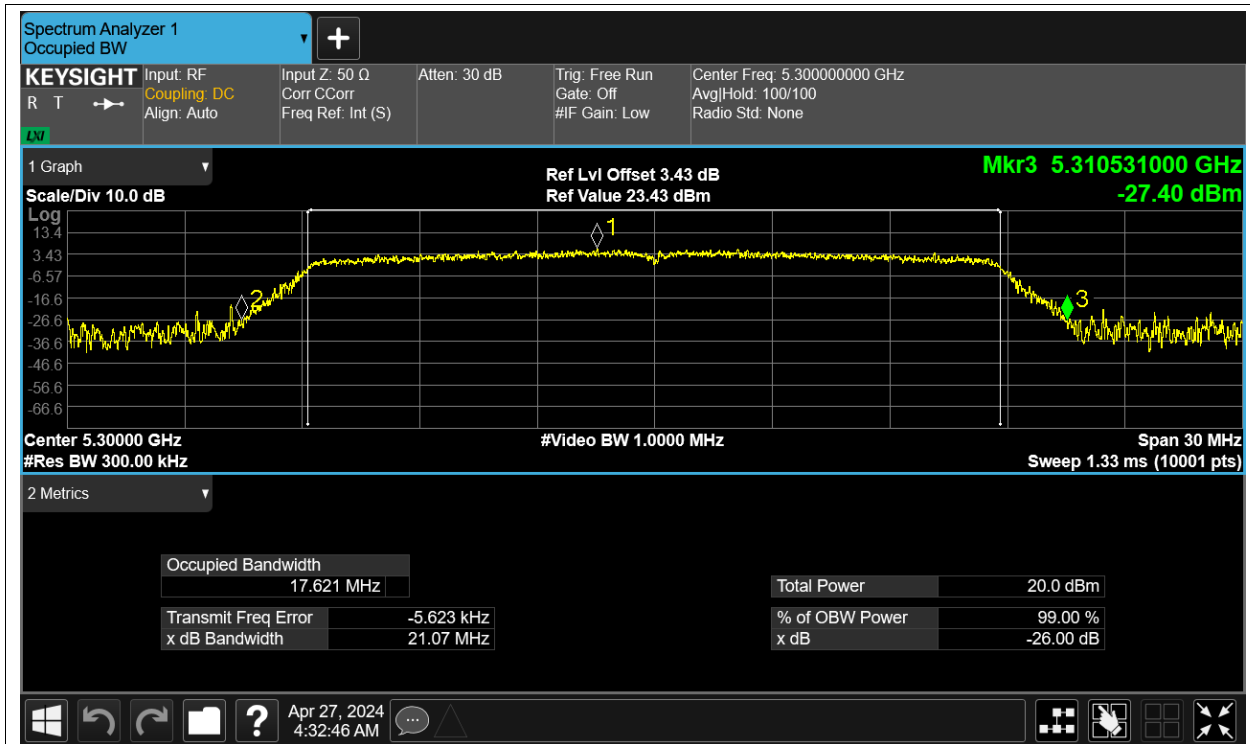
-26dB Bandwidth NVNT a 5320MHz Ant14



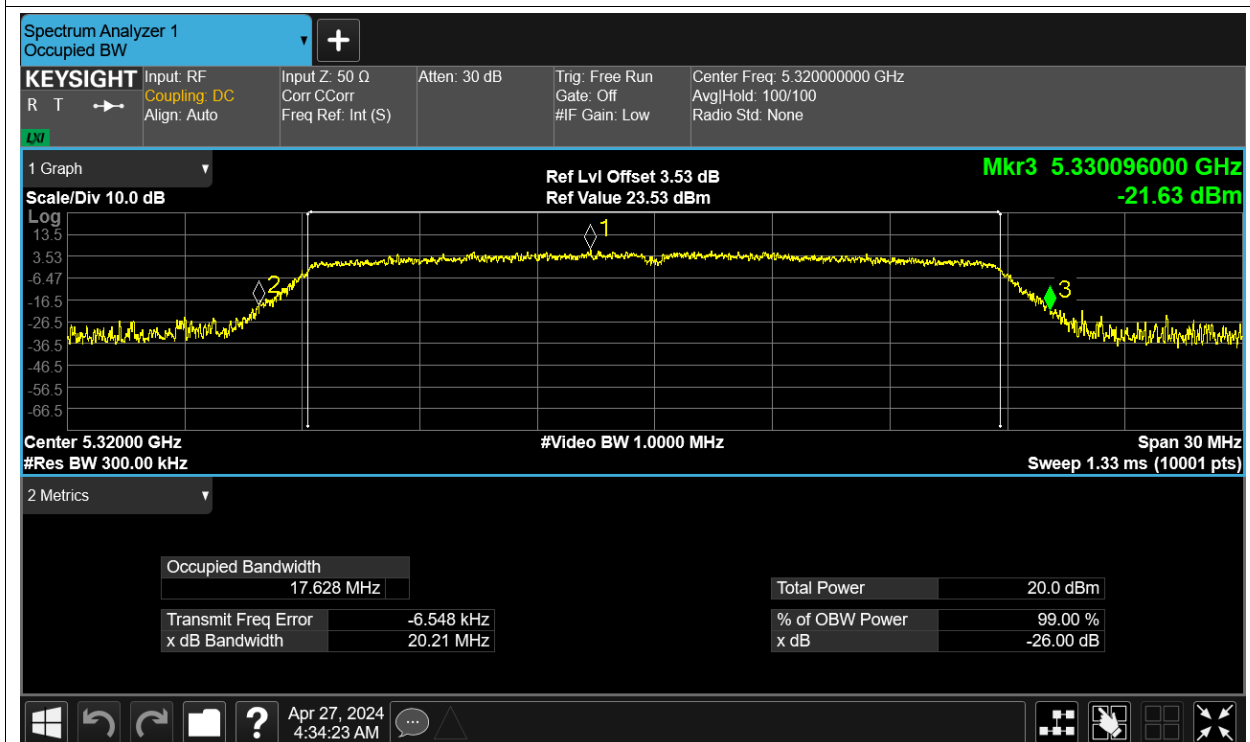
-26dB Bandwidth NVNT ac20 5260MHz Ant14



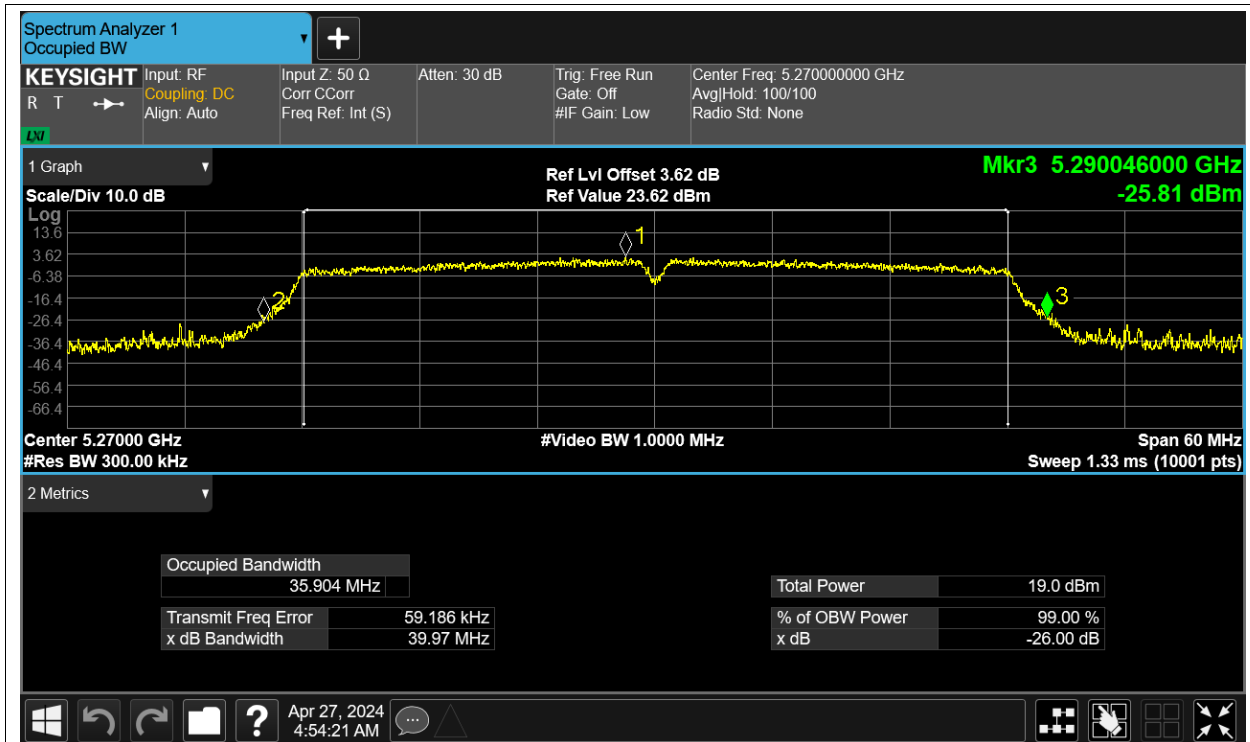
-26dB Bandwidth NVNT ac20 5300MHz Ant14



-26dB Bandwidth NVNT ac20 5320MHz Ant14



-26dB Bandwidth NVNT ac40 5270MHz Ant14



-26dB Bandwidth NVNT ac40 5310MHz Ant14



-26dB Bandwidth NVNT ac80 5290MHz Ant14



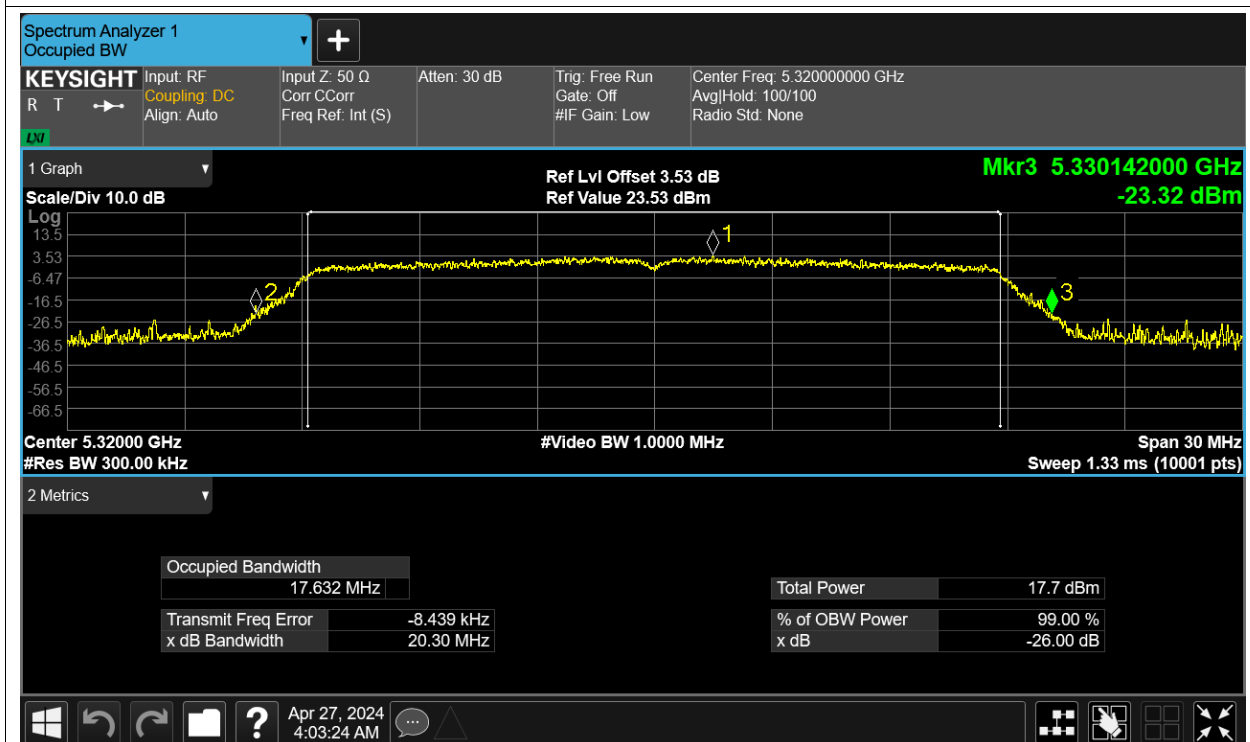
-26dB Bandwidth NVNT n20 5260MHz Ant14



-26dB Bandwidth NVNT n20 5300MHz Ant14



-26dB Bandwidth NVNT n20 5320MHz Ant14



-26dB Bandwidth NVNT n40 5270MHz Ant14



-26dB Bandwidth NVNT n40 5310MHz Ant14

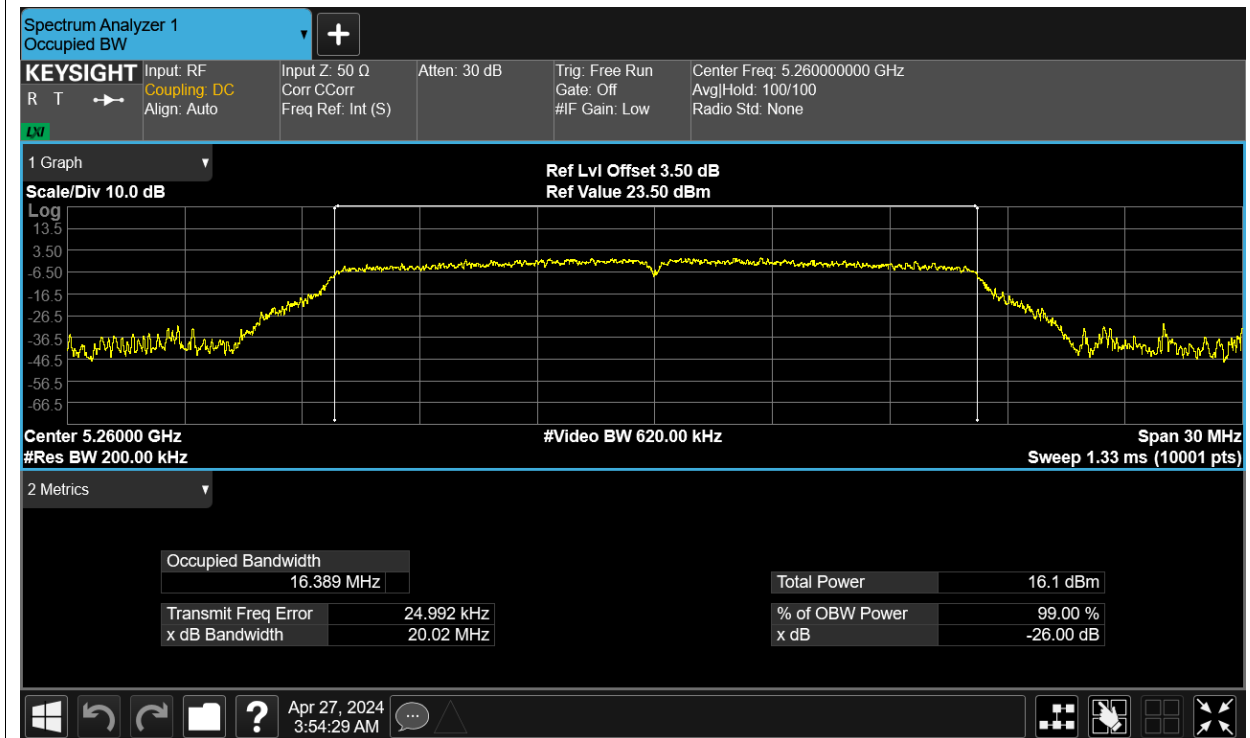


Occupied Channel Bandwidth

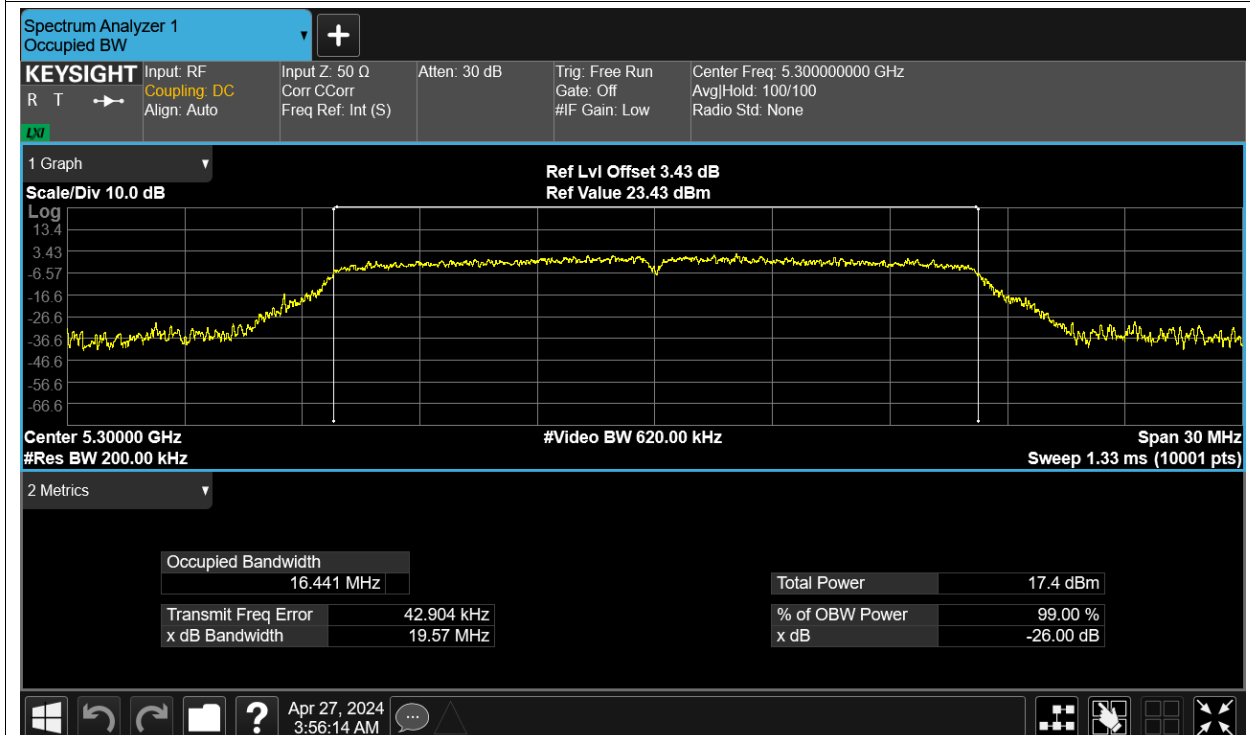
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant14	16.389
NVNT	a	5300	Ant14	16.441
NVNT	a	5320	Ant14	16.395
NVNT	ac20	5260	Ant14	17.561
NVNT	ac20	5300	Ant14	17.549
NVNT	ac20	5320	Ant14	17.586
NVNT	ac40	5270	Ant14	35.89
NVNT	ac40	5310	Ant14	35.967
NVNT	ac80	5290	Ant14	75.094
NVNT	n20	5260	Ant14	17.564
NVNT	n20	5300	Ant14	17.546
NVNT	n20	5320	Ant14	17.555
NVNT	n40	5270	Ant14	35.976
NVNT	n40	5310	Ant14	35.956

Test Graphs

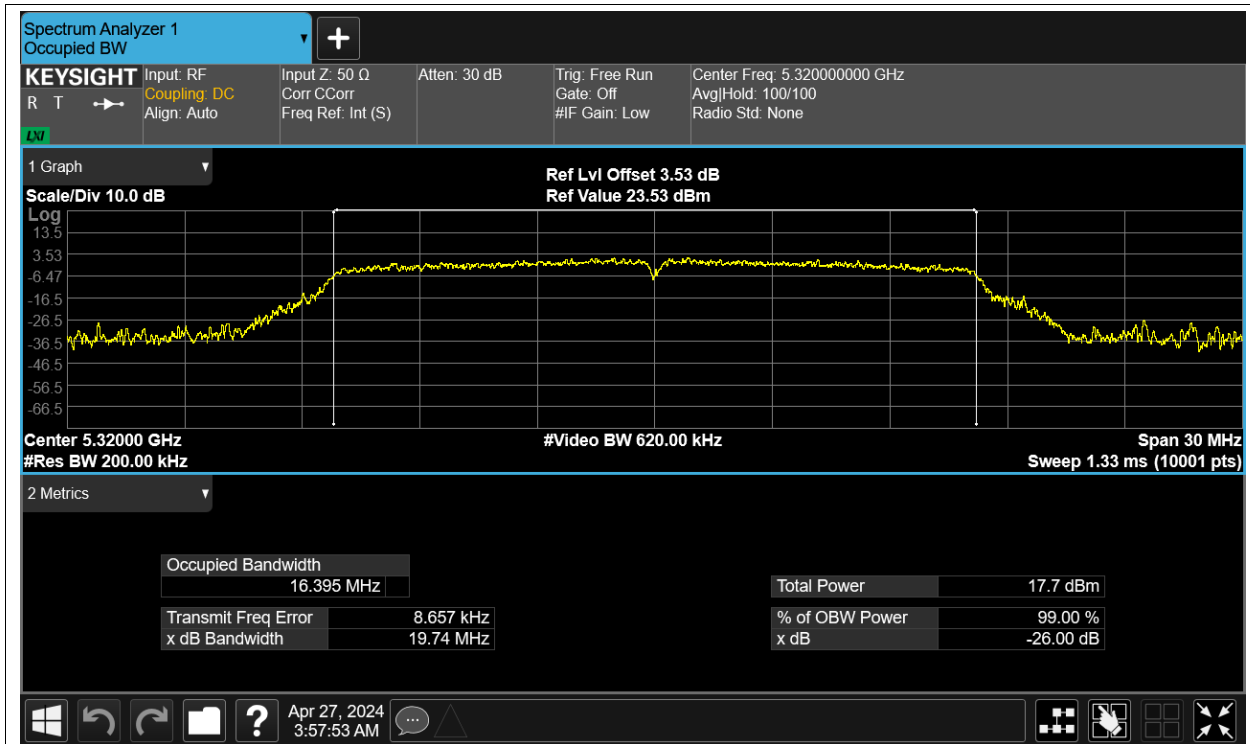
OBW NVNT a 5260MHz Ant14



OBW NVNT a 5300MHz Ant14



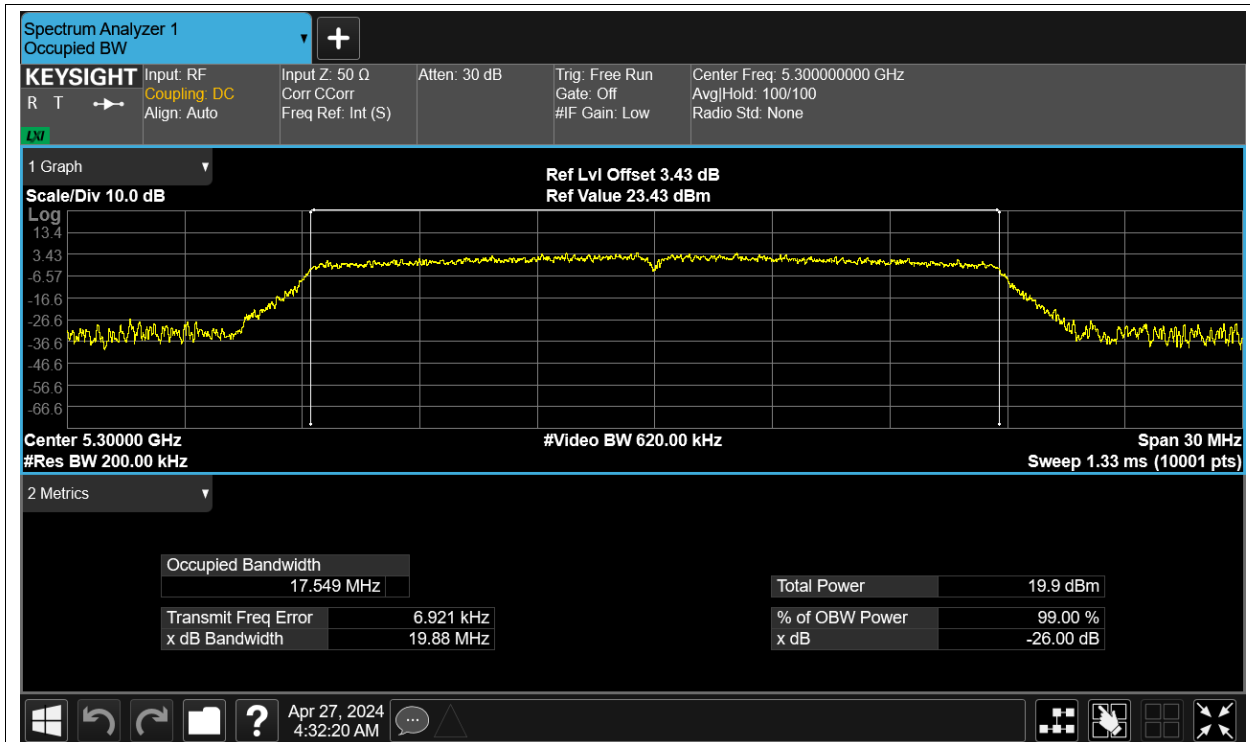
OBW NVNT a 5320MHz Ant14



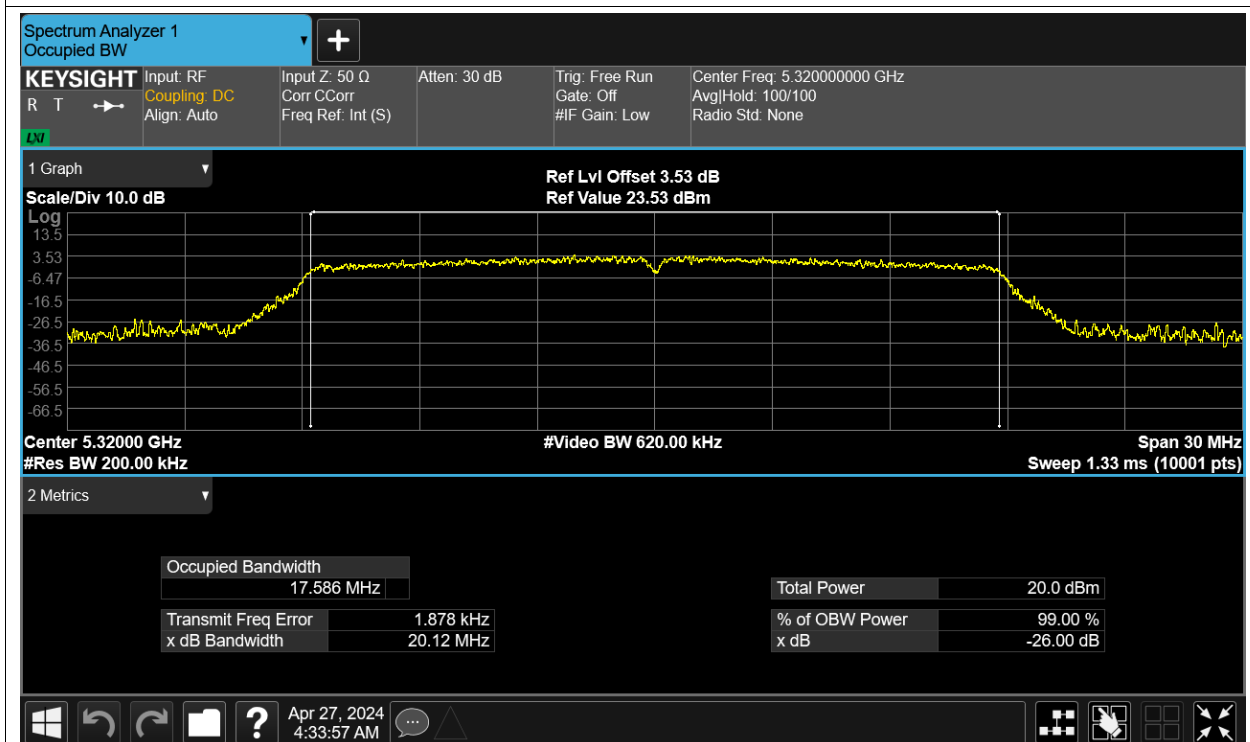
OBW NVNT ac20 5260MHz Ant14



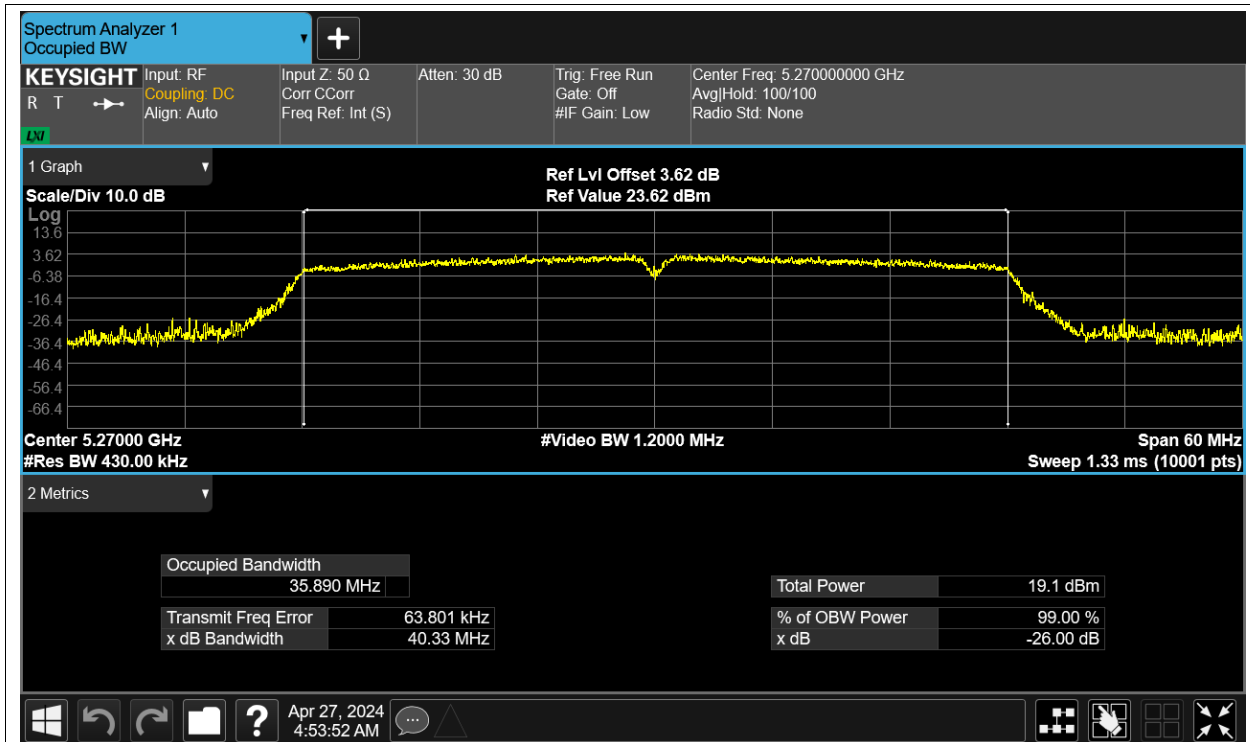
OBW NVNT ac20 5300MHz Ant14



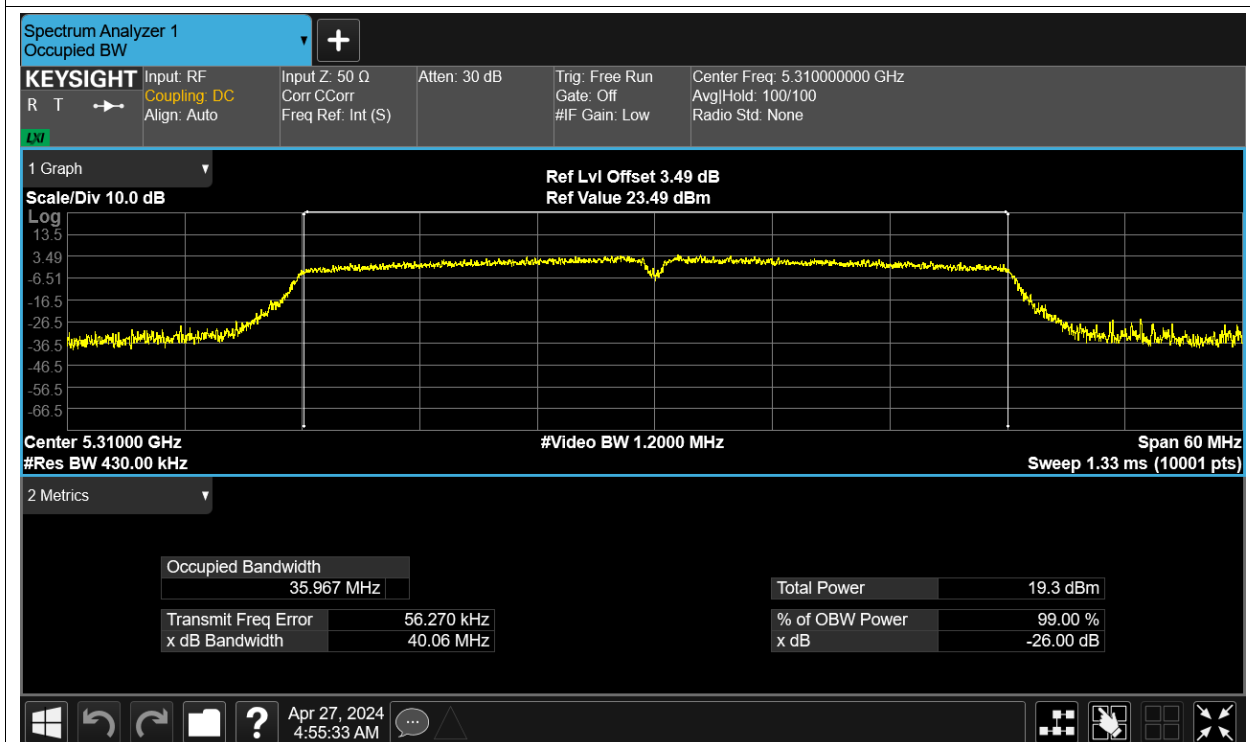
OBW NVNT ac20 5320MHz Ant14



OBW NVNT ac40 5270MHz Ant14



OBW NVNT ac40 5310MHz Ant14



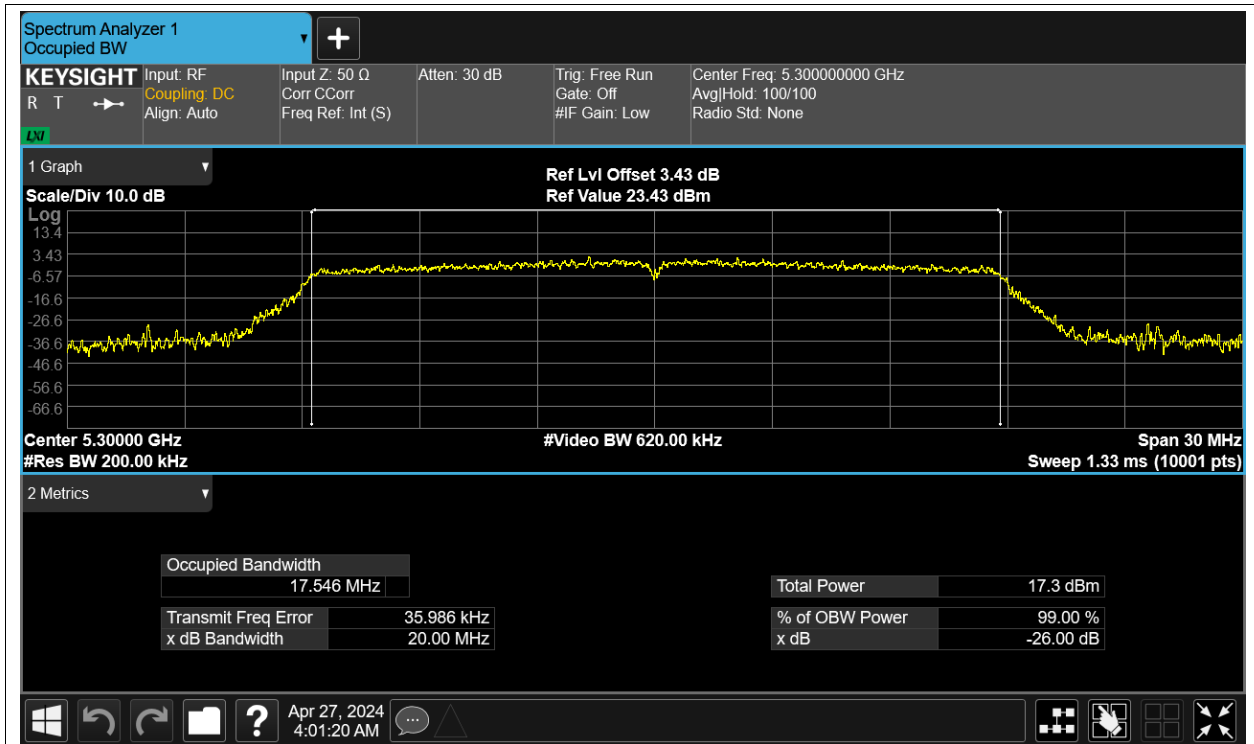
OBW NVNT ac80 5290MHz Ant14



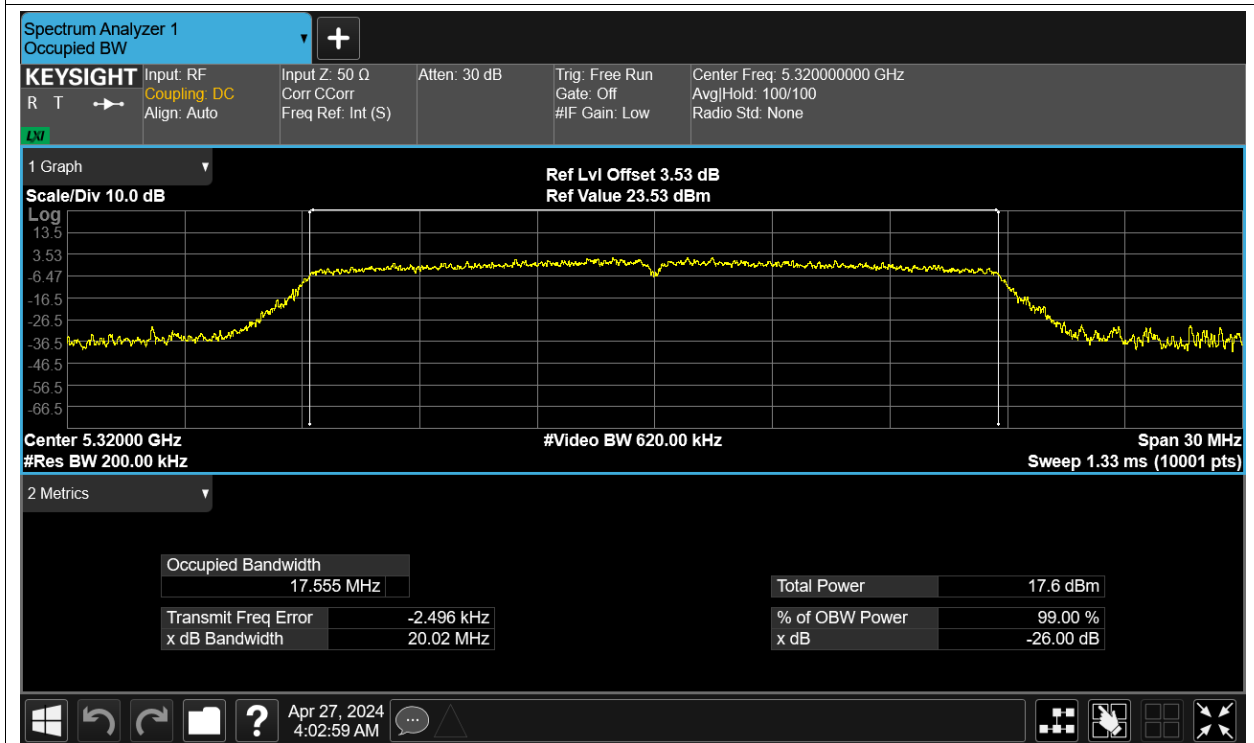
OBW NVNT n20 5260MHz Ant14



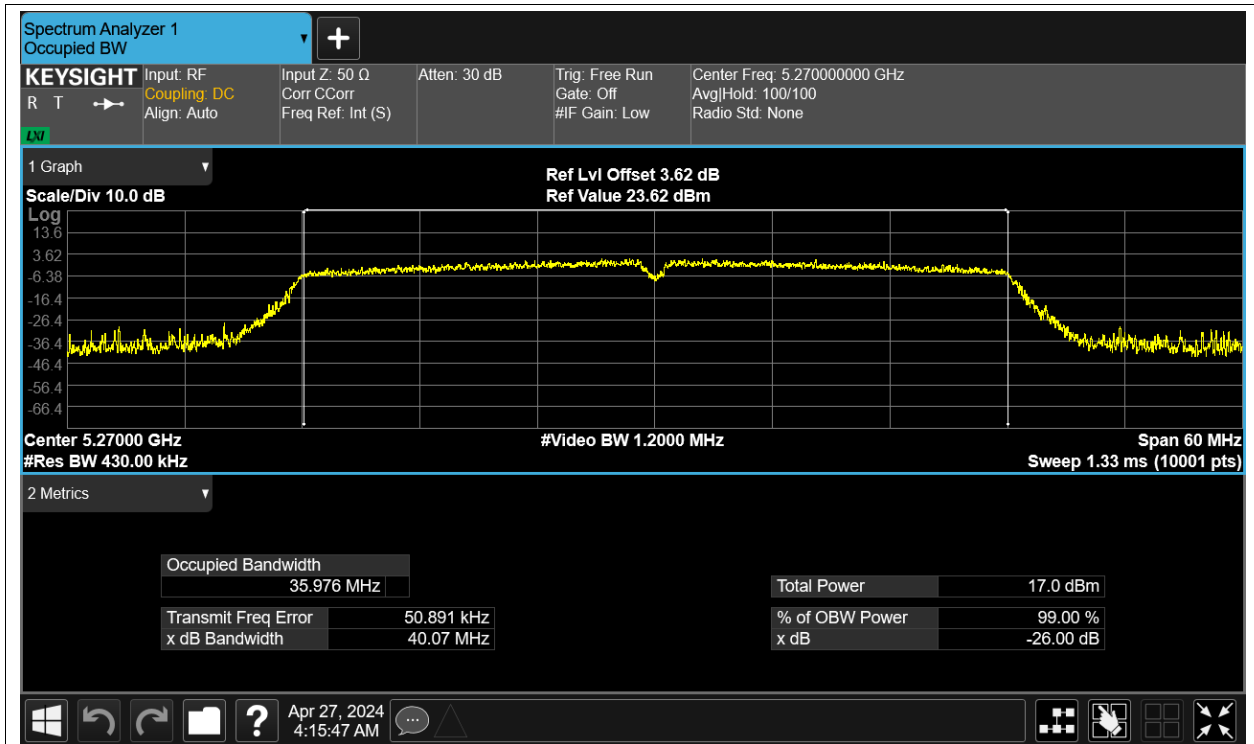
OBW NVNT n20 5300MHz Ant14



OBW NVNT n20 5320MHz Ant14



OBW NVNT n40 5270MHz Ant14



OBW NVNT n40 5310MHz Ant14

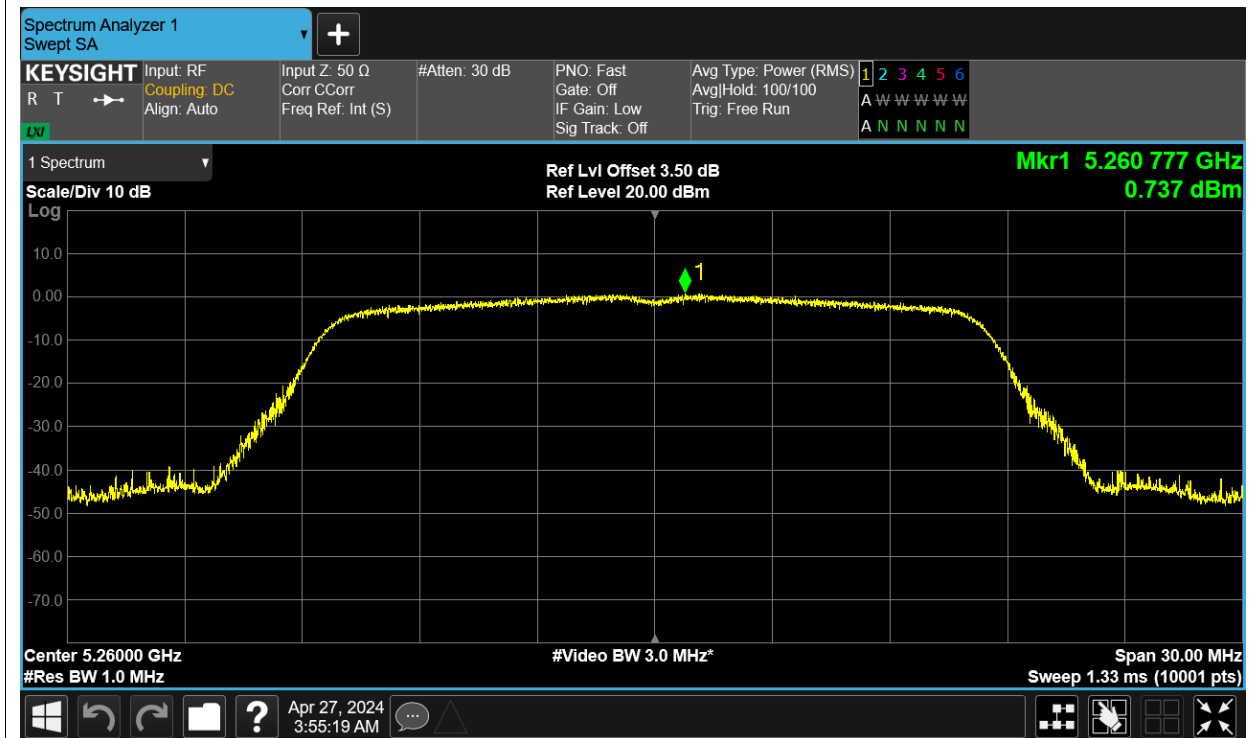


Maximum Power Spectral Density Level

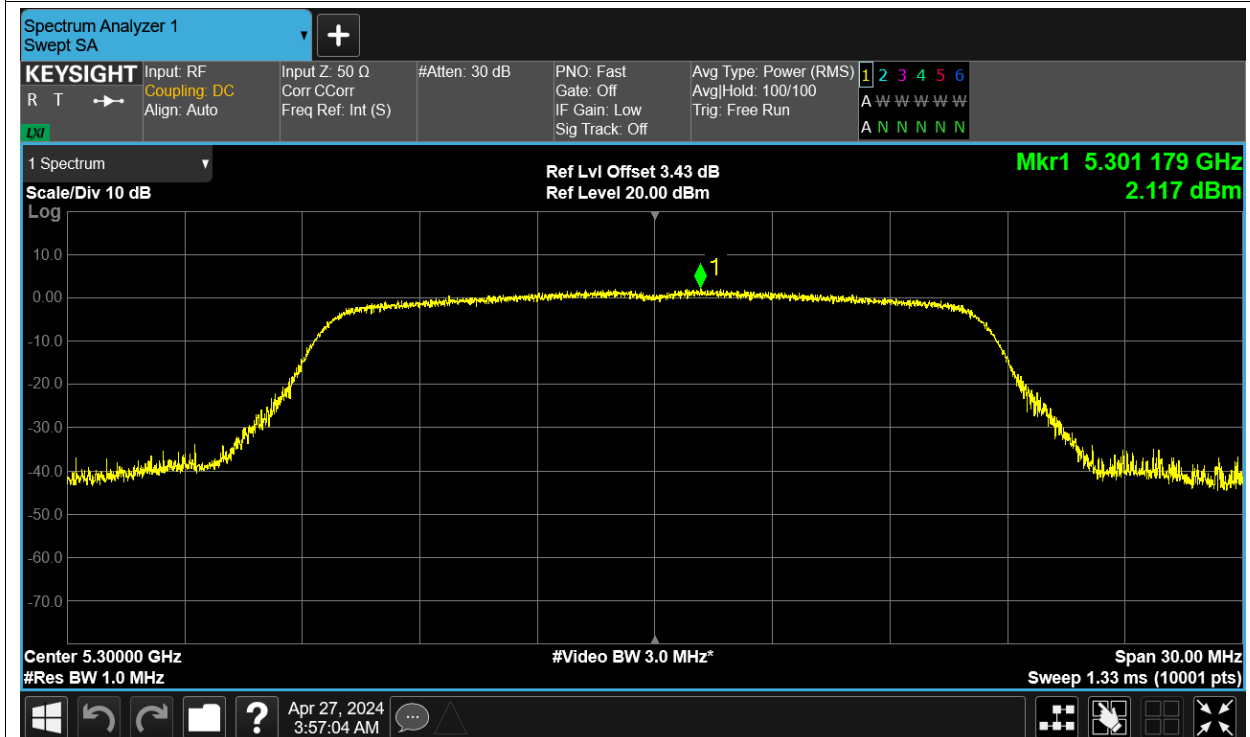
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant14	0.737	11	Pass
NVNT	a	5300	Ant14	2.117	11	Pass
NVNT	a	5320	Ant14	2.688	11	Pass
NVNT	ac20	5260	Ant14	4.549	11	Pass
NVNT	ac20	5300	Ant14	4.77	11	Pass
NVNT	ac20	5320	Ant14	4.563	11	Pass
NVNT	ac40	5270	Ant14	0.59	11	Pass
NVNT	ac40	5310	Ant14	0.844	11	Pass
NVNT	ac80	5290	Ant14	-2.231	11	Pass
NVNT	n20	5260	Ant14	1.031	11	Pass
NVNT	n20	5300	Ant14	1.934	11	Pass
NVNT	n20	5320	Ant14	2.002	11	Pass
NVNT	n40	5270	Ant14	-1.394	11	Pass
NVNT	n40	5310	Ant14	1.699	11	Pass

Test Graphs

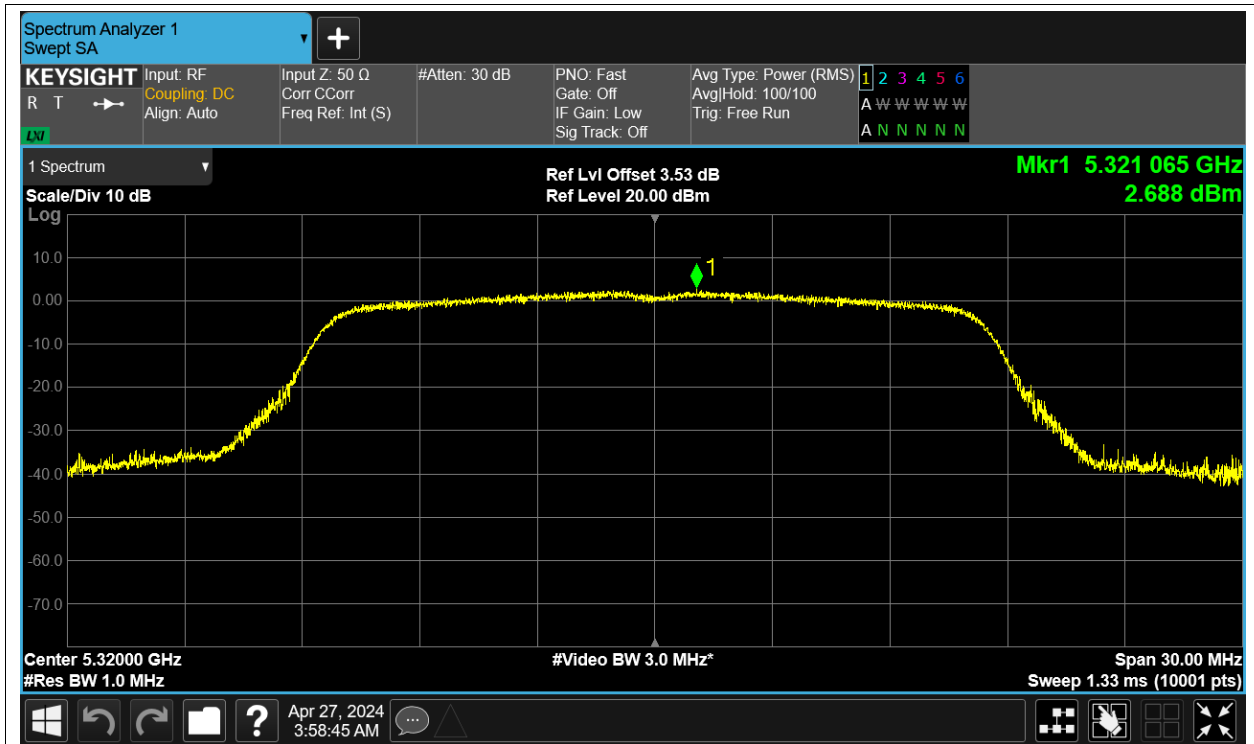
PSD NVNT a 5260MHz Ant14



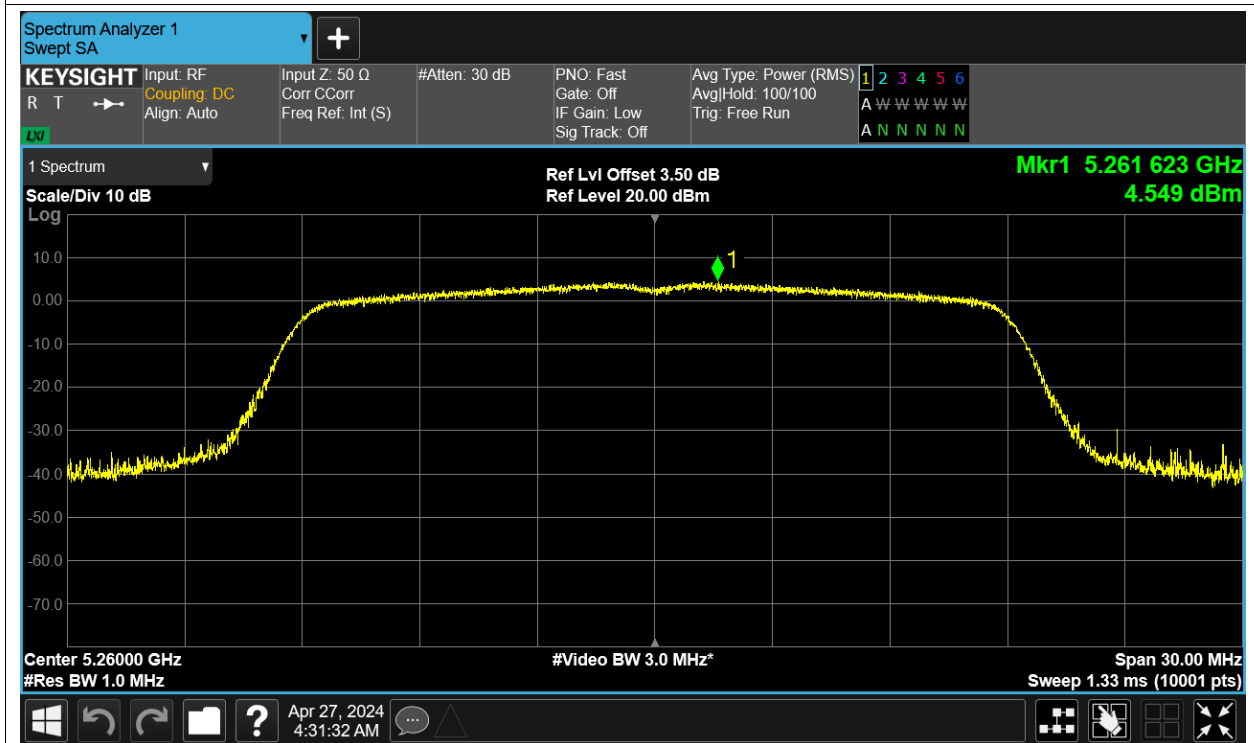
PSD NVNT a 5300MHz Ant14



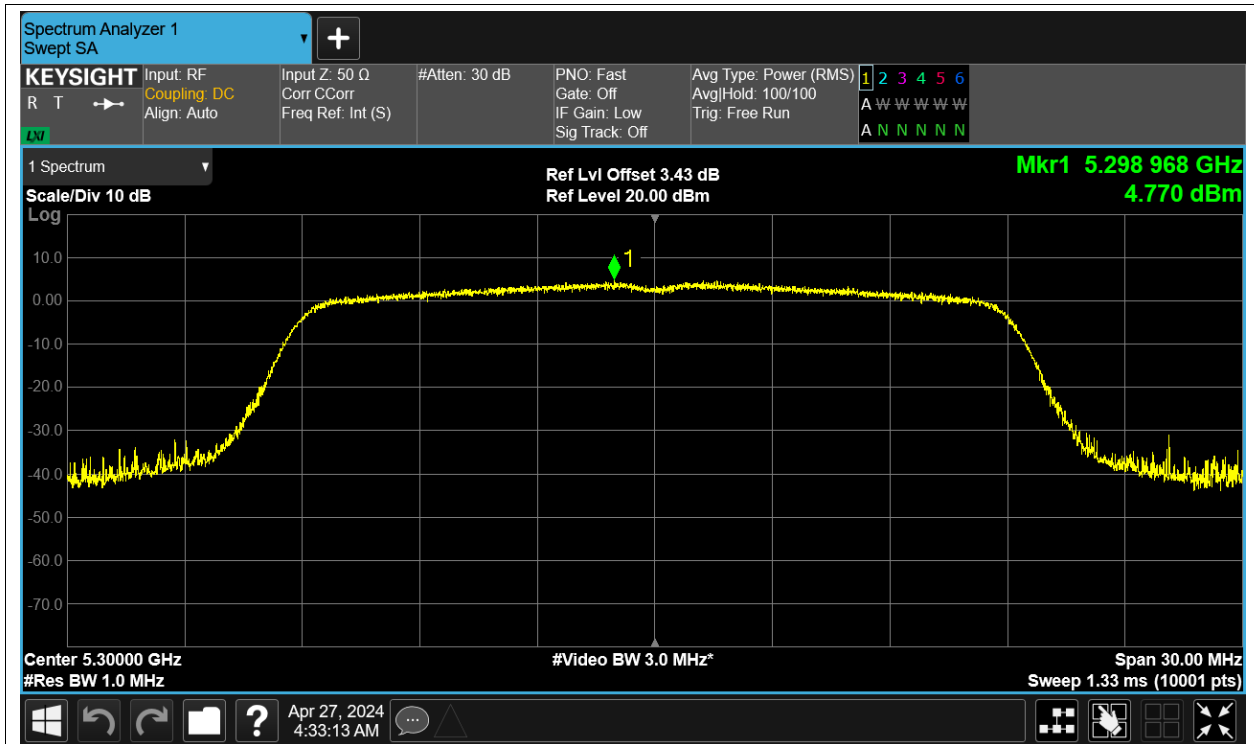
PSD NVNT a 5320MHz Ant14



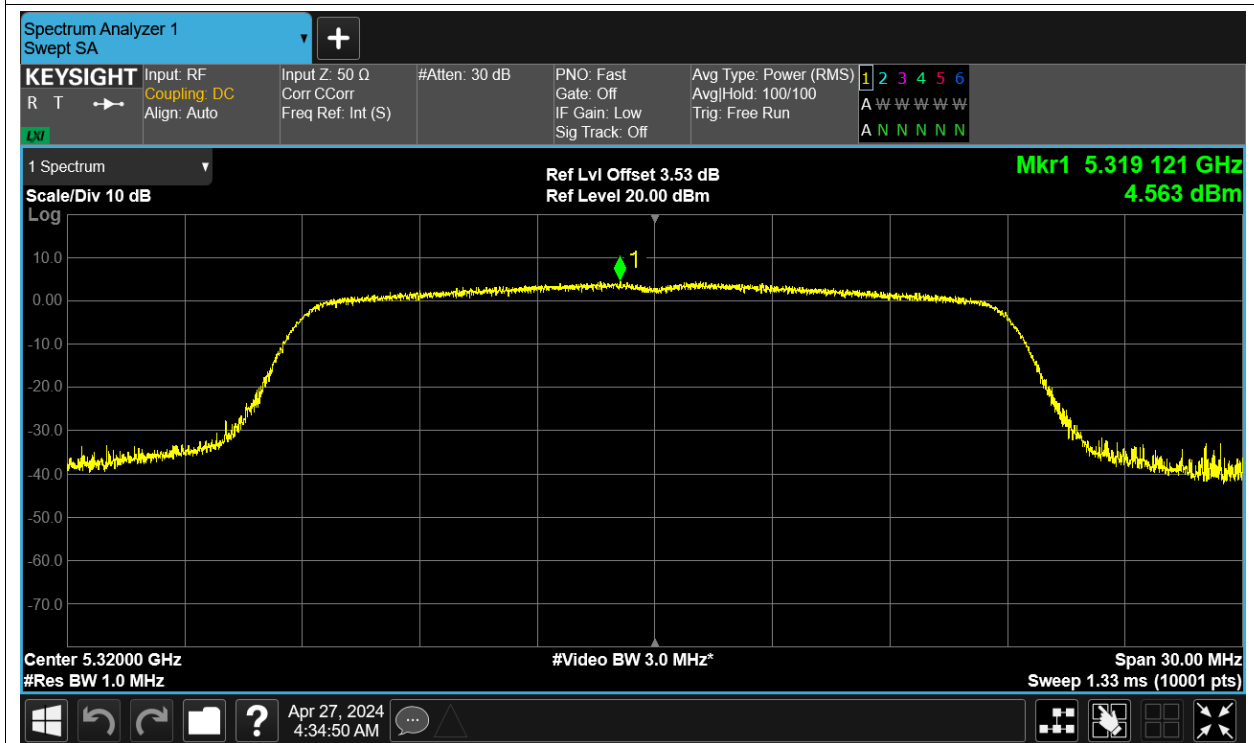
PSD NVNT ac20 5260MHz Ant14



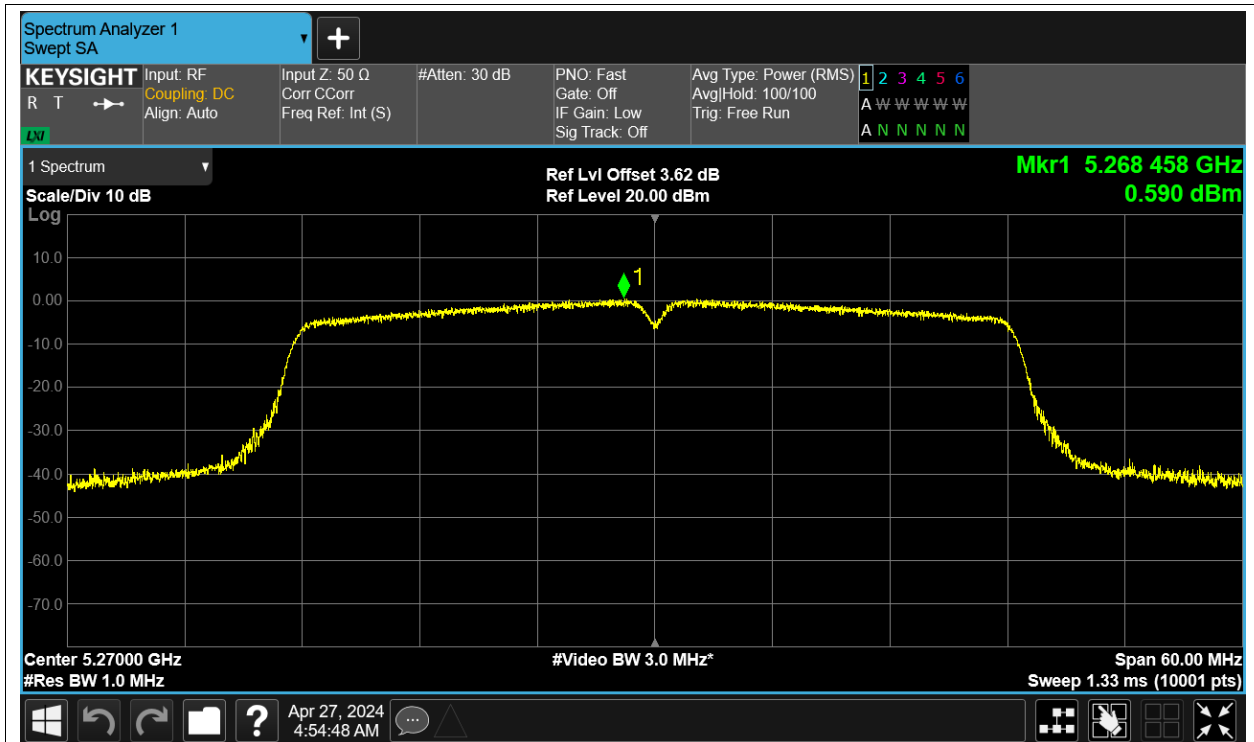
PSD NVNT ac20 5300MHz Ant14



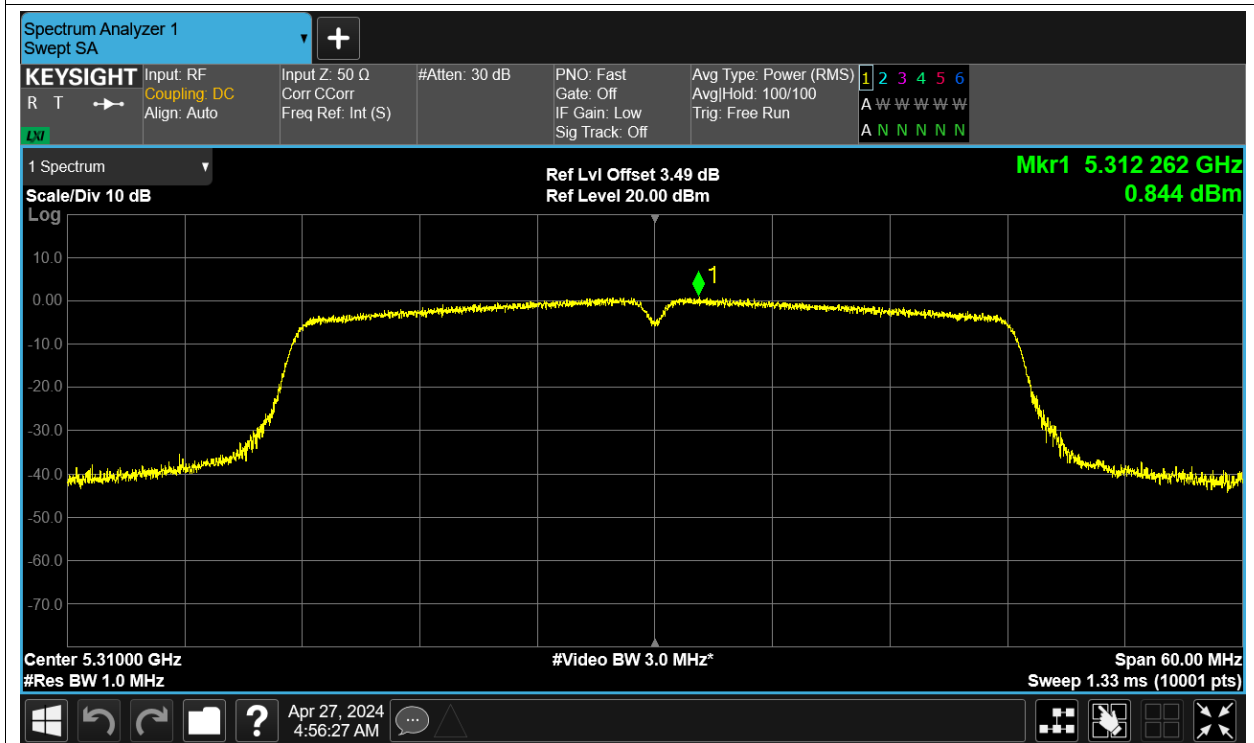
PSD NVNT ac20 5320MHz Ant14



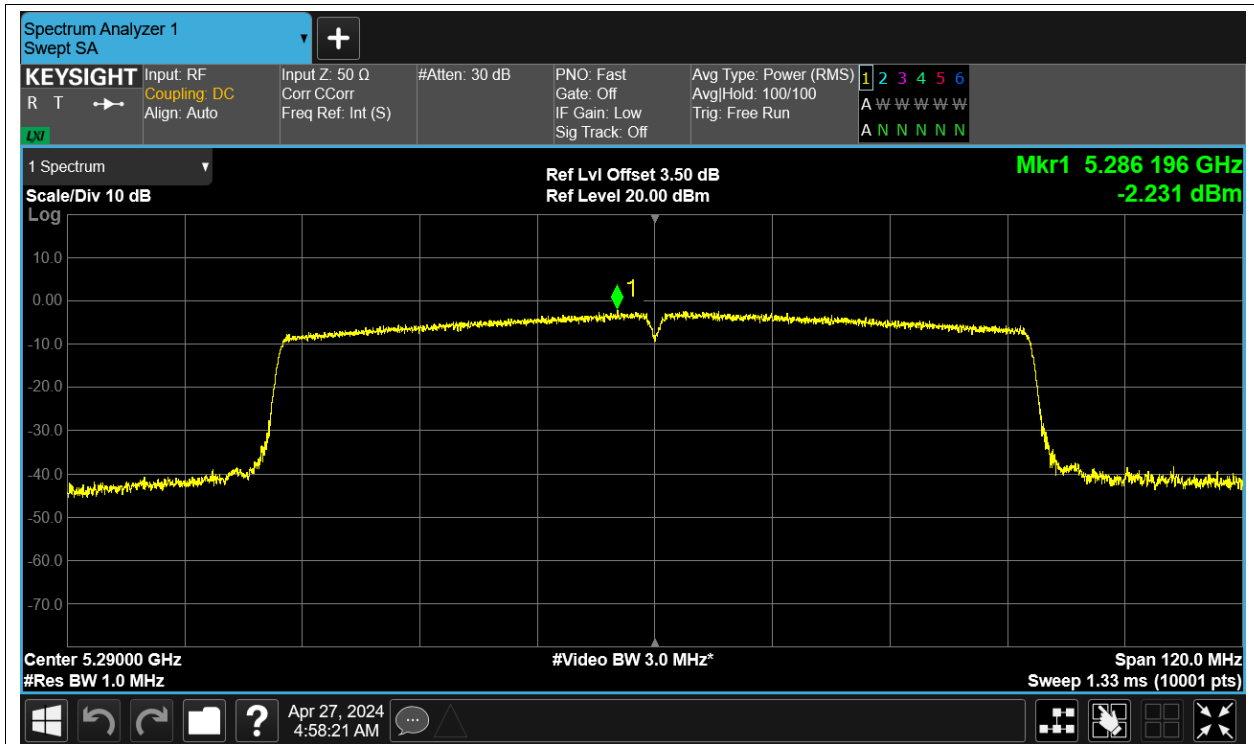
PSD NVNT ac40 5270MHz Ant14



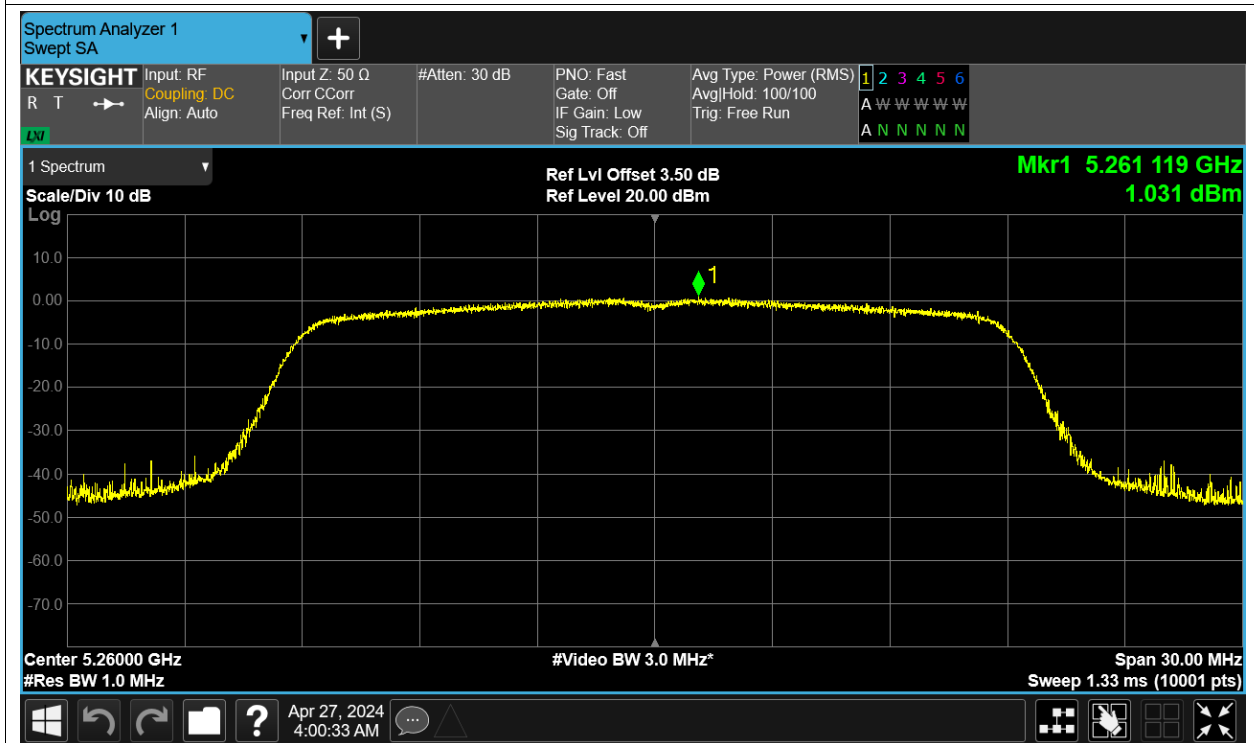
PSD NVNT ac40 5310MHz Ant14



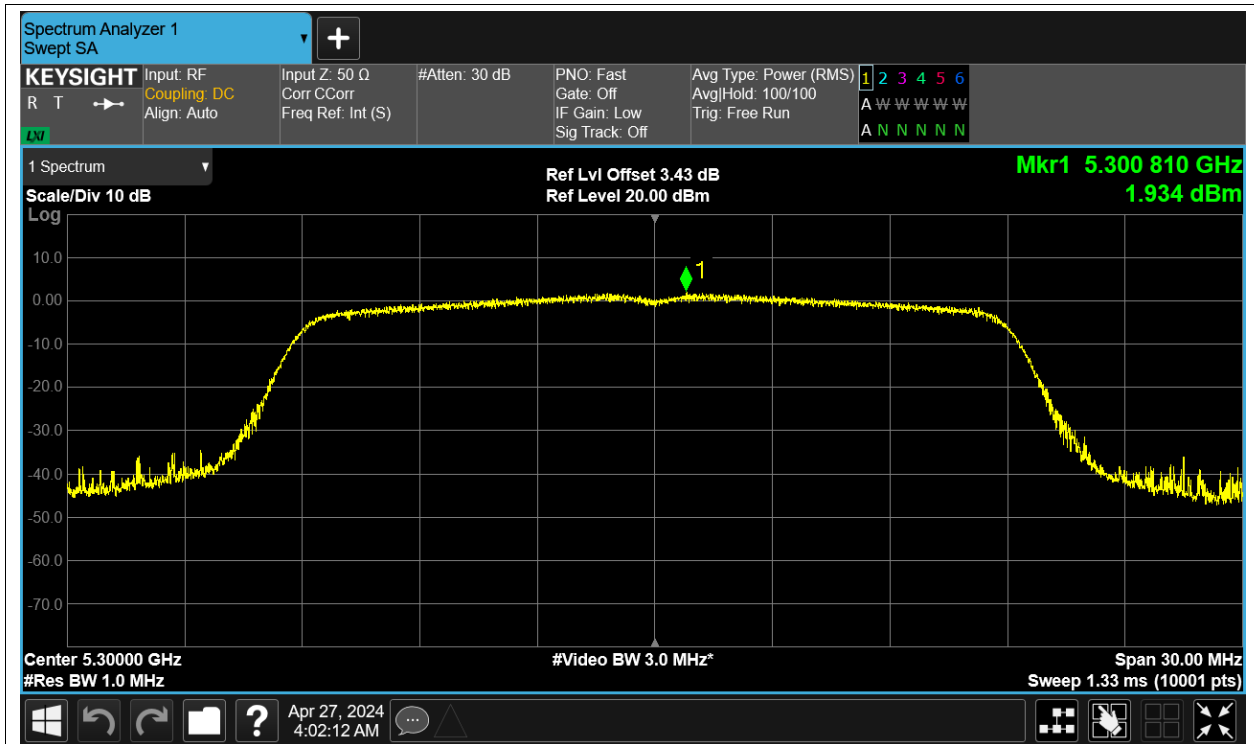
PSD NVNT ac80 5290MHz Ant14



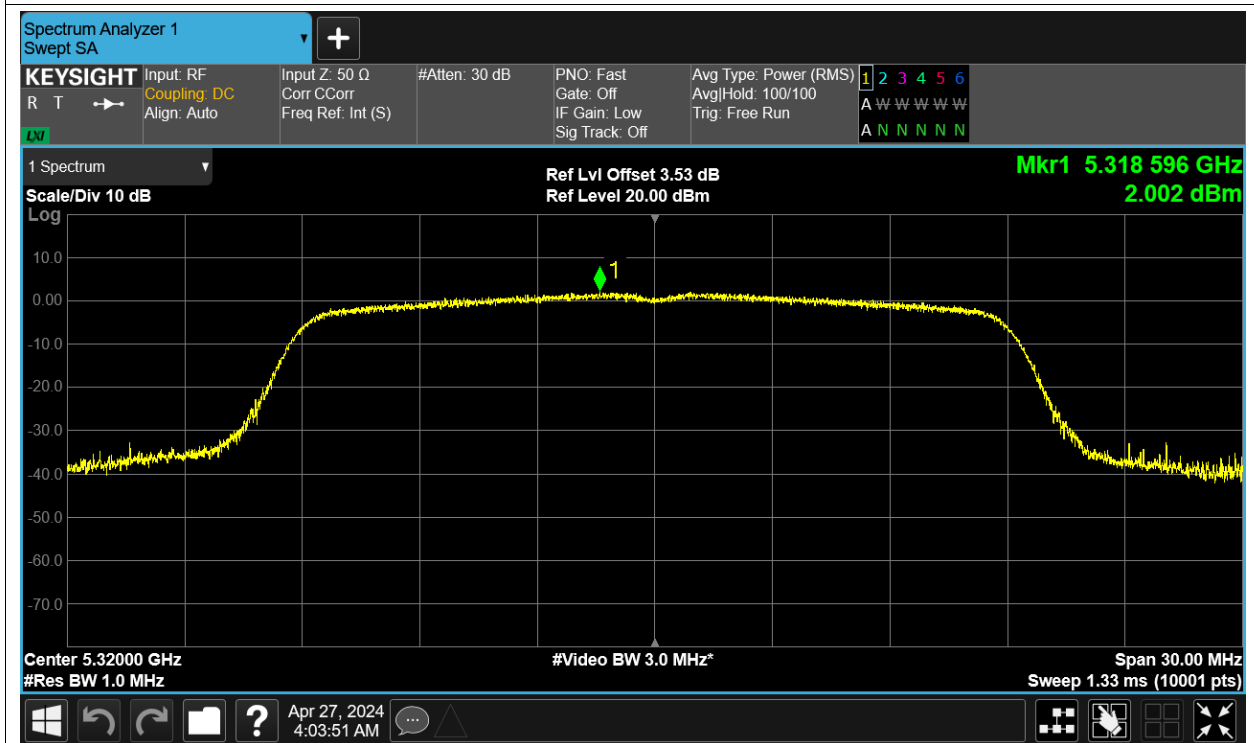
PSD NVNT n20 5260MHz Ant14



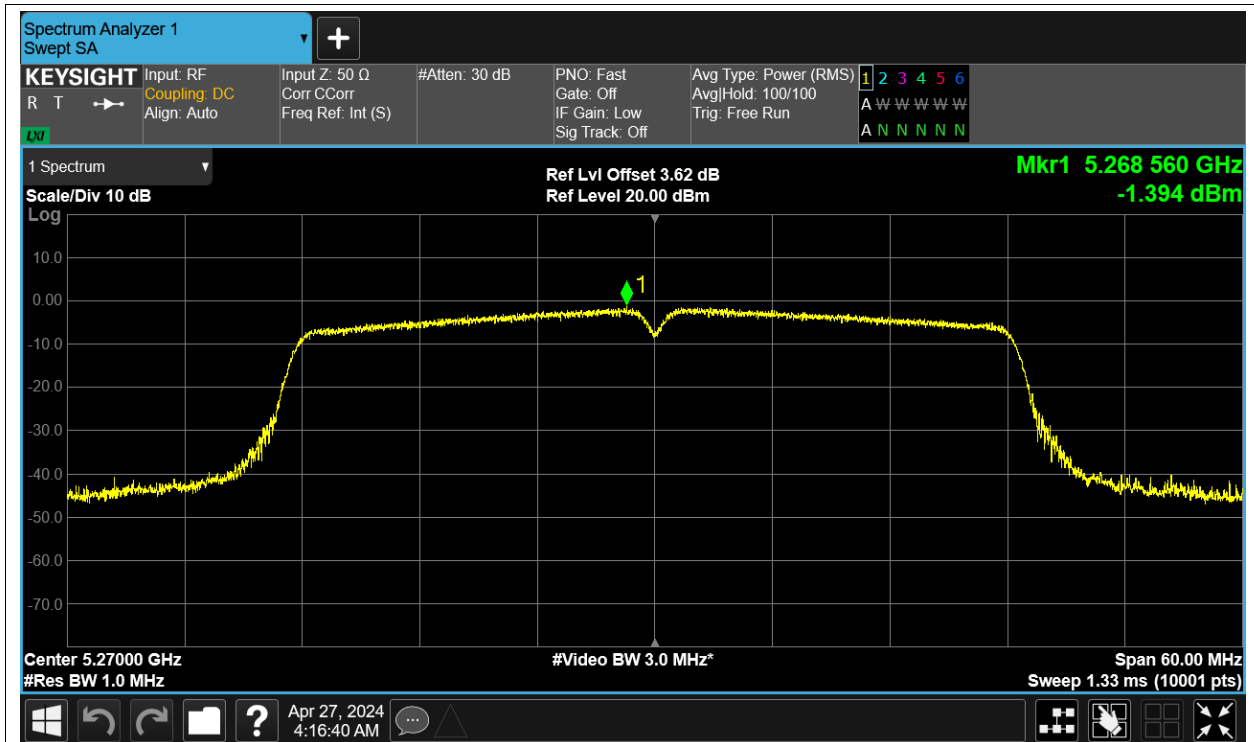
PSD NVNT n20 5300MHz Ant14



PSD NVNT n20 5320MHz Ant14



PSD NVNT n40 5270MHz Ant14



PSD NVNT n40 5310MHz Ant14

