

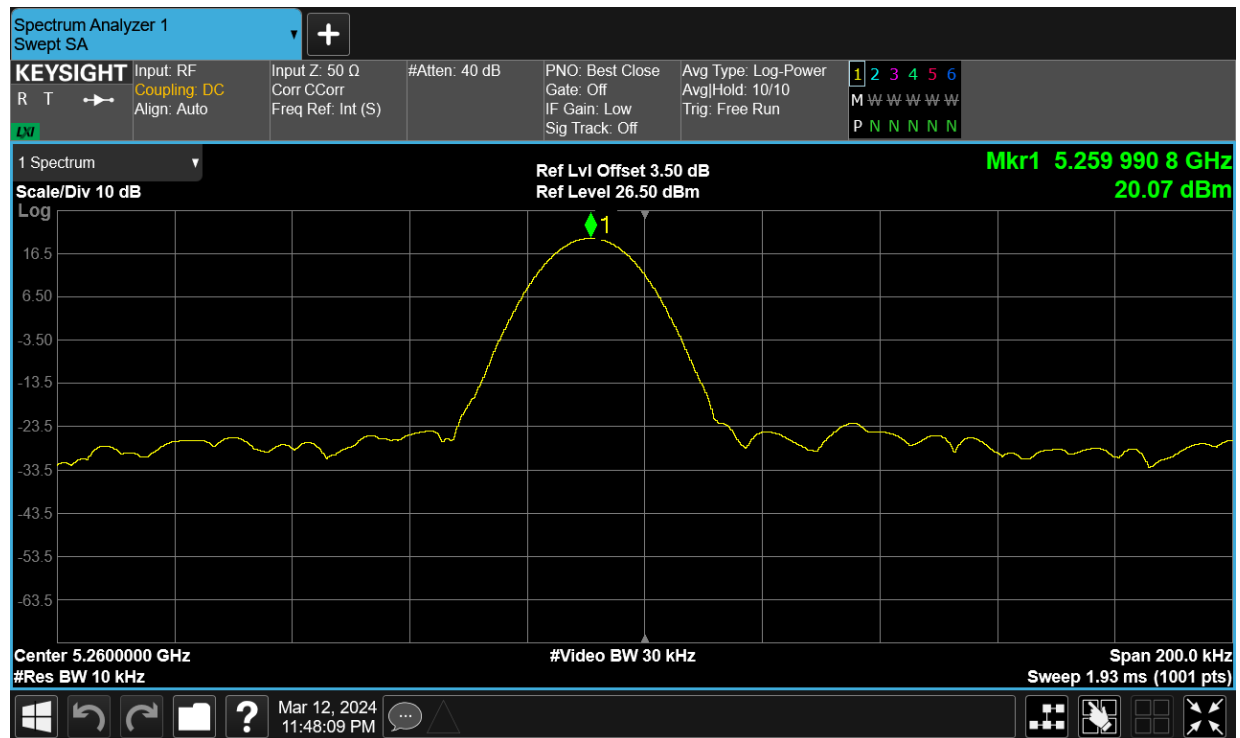
Test Data

Frequency Stability

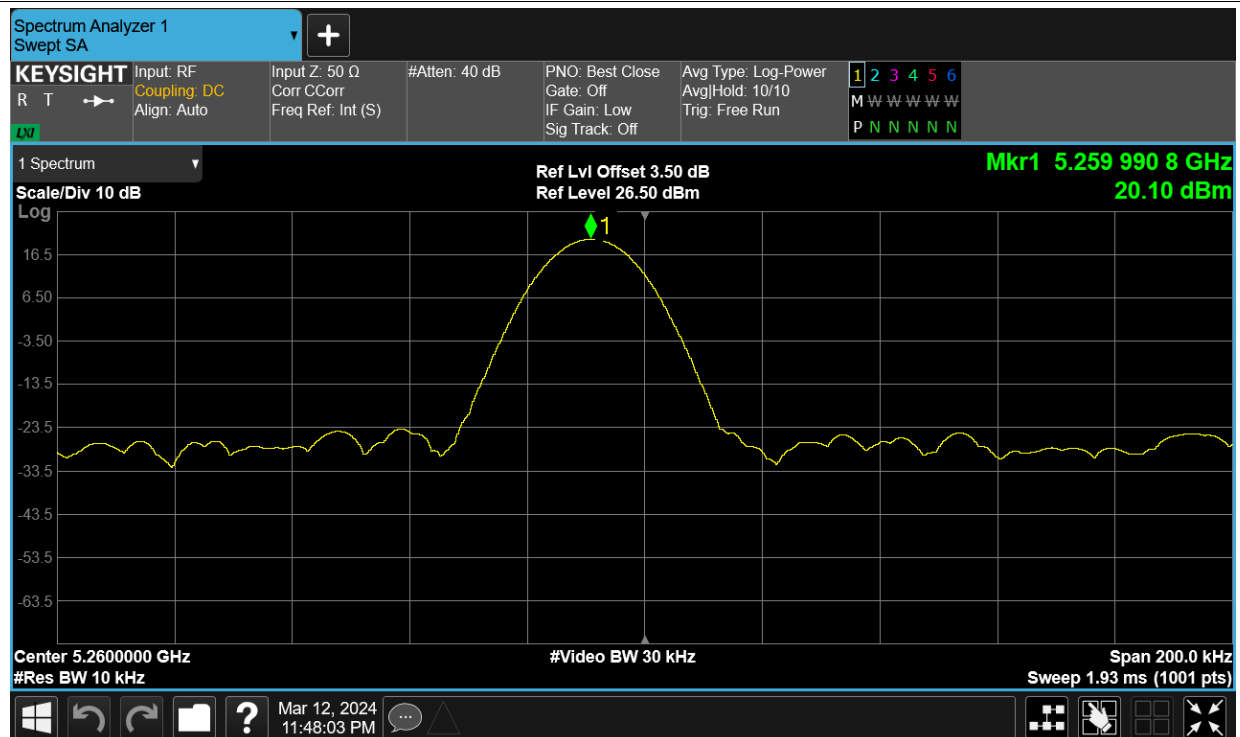
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.9908	-1.75	Within authorized band	Pass
LVNT	a	5260	Ant1	5259.9908	-1.75		Pass
NVHT	a	5260	Ant1	5259.991	-1.71		Pass
NVLT	a	5260	Ant1	5259.9912	-1.67		Pass
NVNT	a	5260	Ant1	5259.9914	-1.63		Pass
HVNT	ac80	5290	Ant1	5289.9902	-1.85		Pass
LVNT	ac80	5290	Ant1	5289.9904	-1.81		Pass
NVHT	ac80	5290	Ant1	5289.9904	-1.81		Pass
NVLT	ac80	5290	Ant1	5289.9906	-1.78		Pass
NVNT	ac80	5290	Ant1	5289.991	-1.7		Pass
HVNT	n40	5270	Ant1	5269.9904	-1.82		Pass
LVNT	n40	5270	Ant1	5269.9906	-1.78		Pass
NVHT	n40	5270	Ant1	5269.991	-1.71		Pass
NVLT	n40	5270	Ant1	5269.9918	-1.56		Pass
NVNT	n40	5270	Ant1	5269.9924	-1.44		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

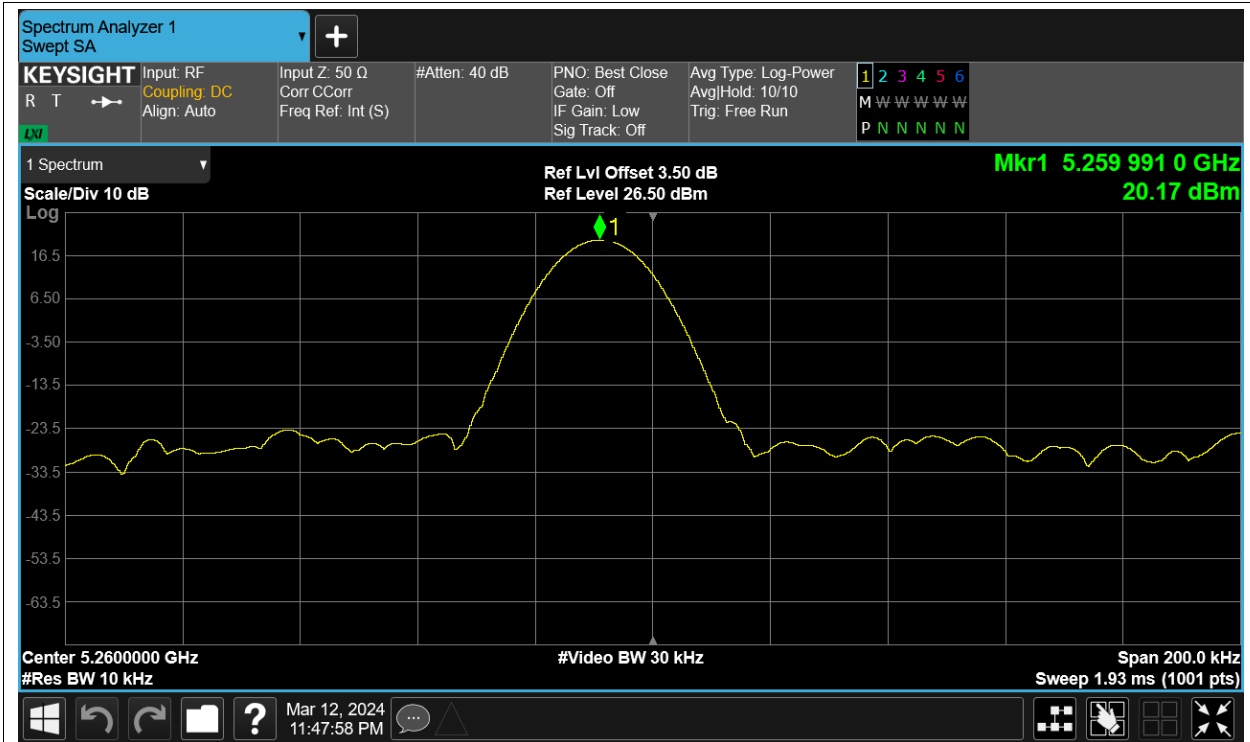
Freq. Stability HVNT a 5260MHz Ant1



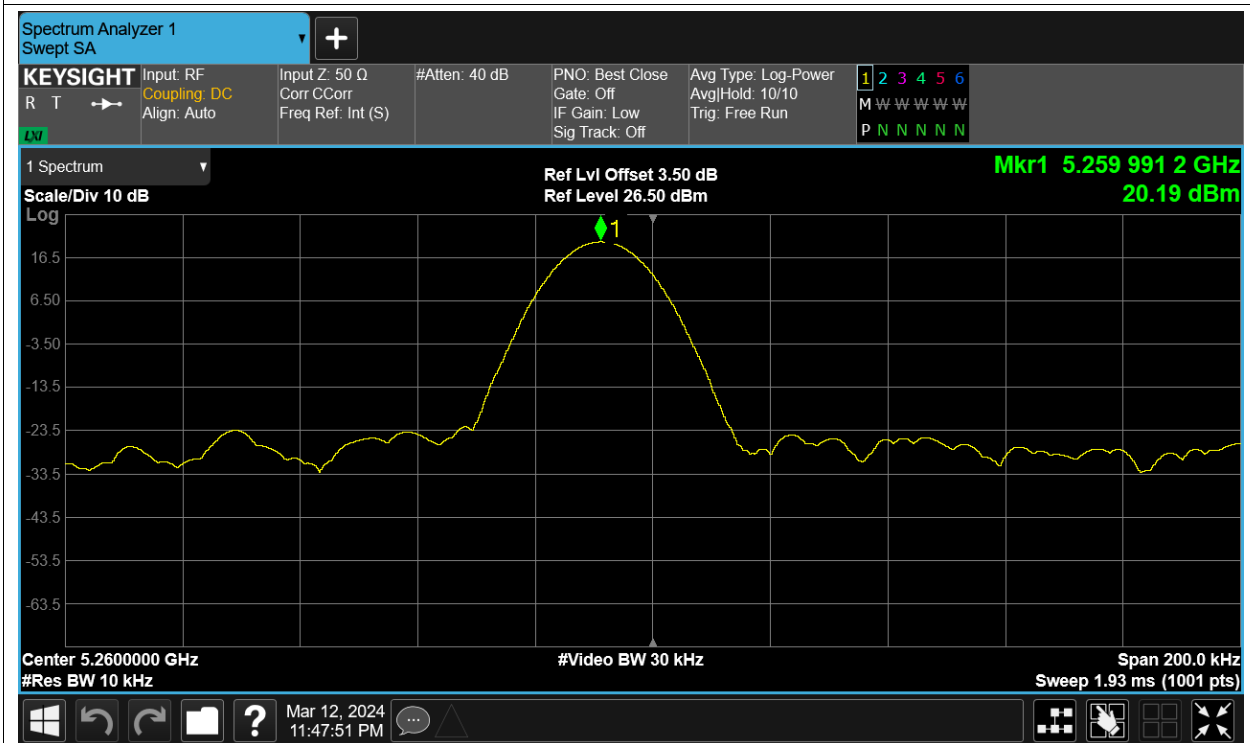
Freq. Stability LVNT a 5260MHz Ant1



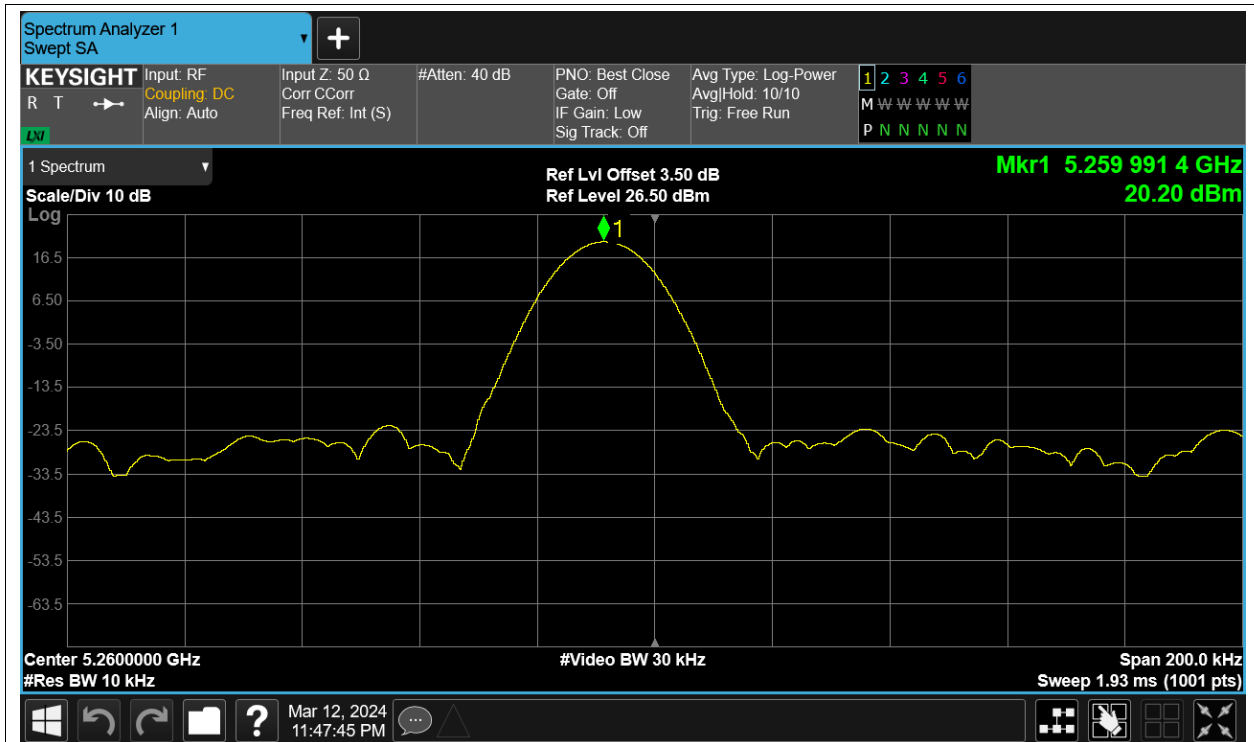
Freq. Stability NVHT a 5260MHz Ant1



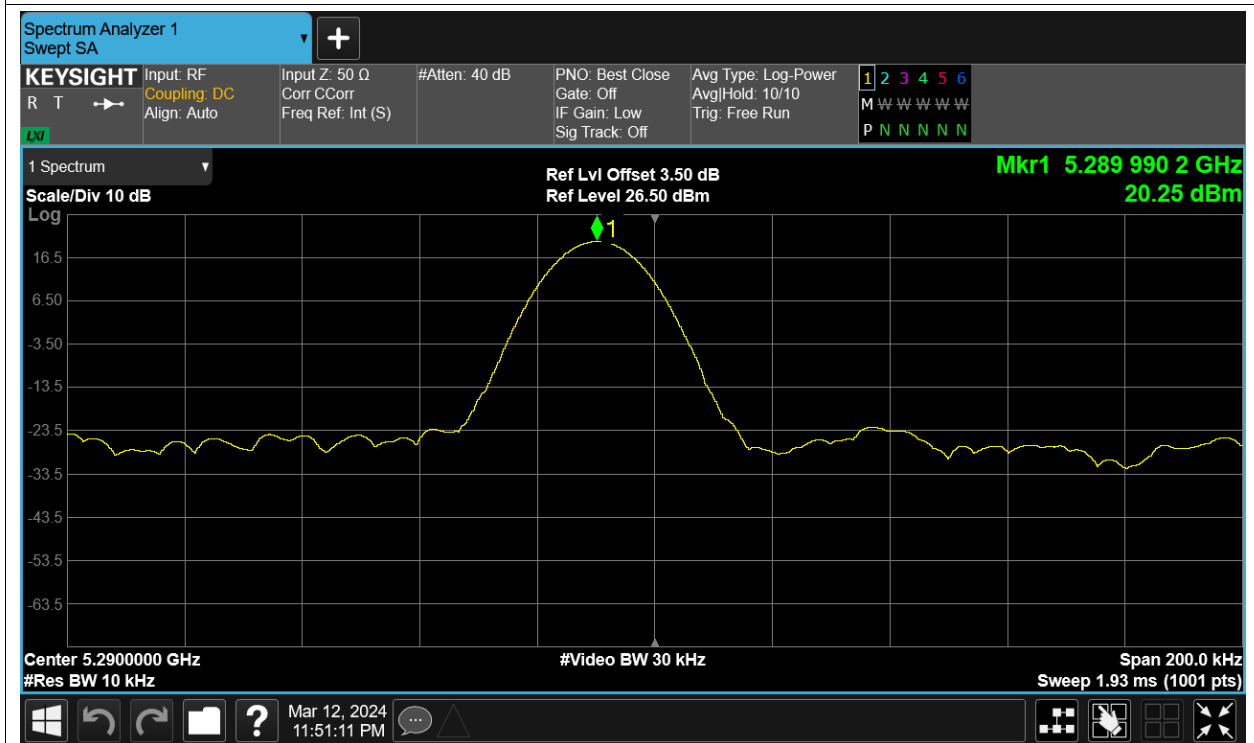
Freq. Stability NVLT a 5260MHz Ant1



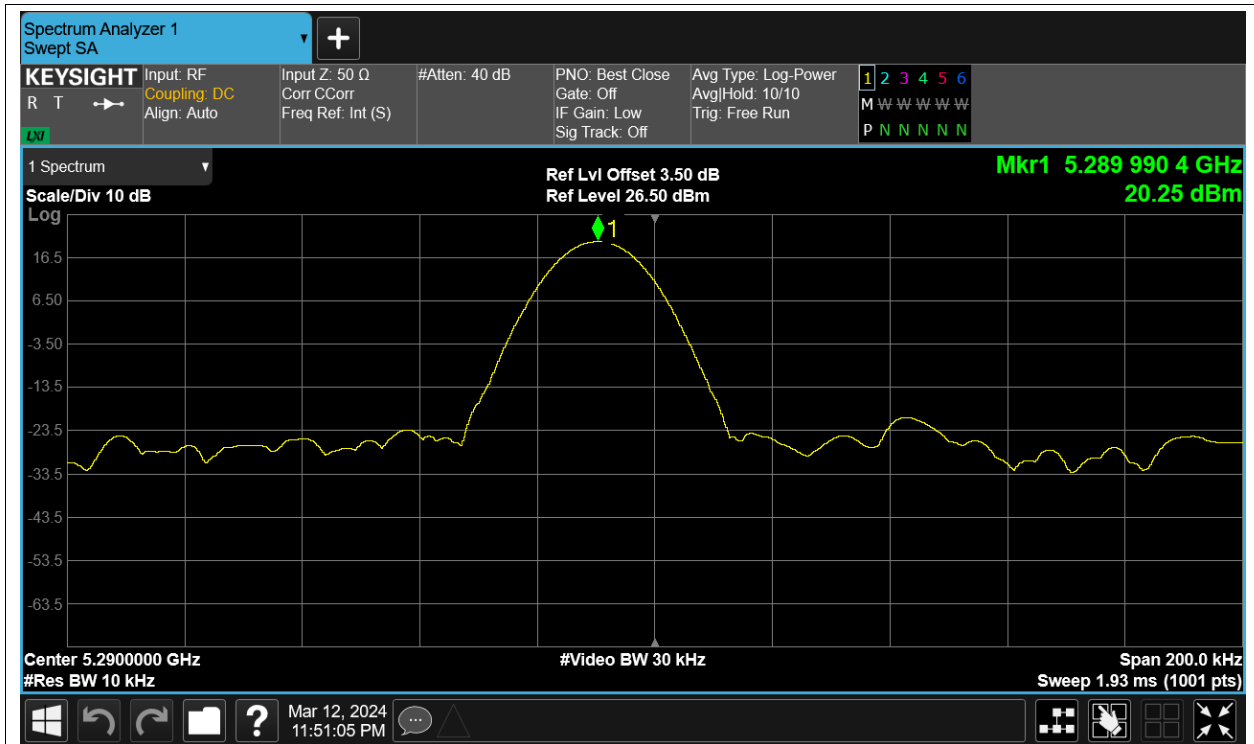
Freq. Stability NVNT a 5260MHz Ant1



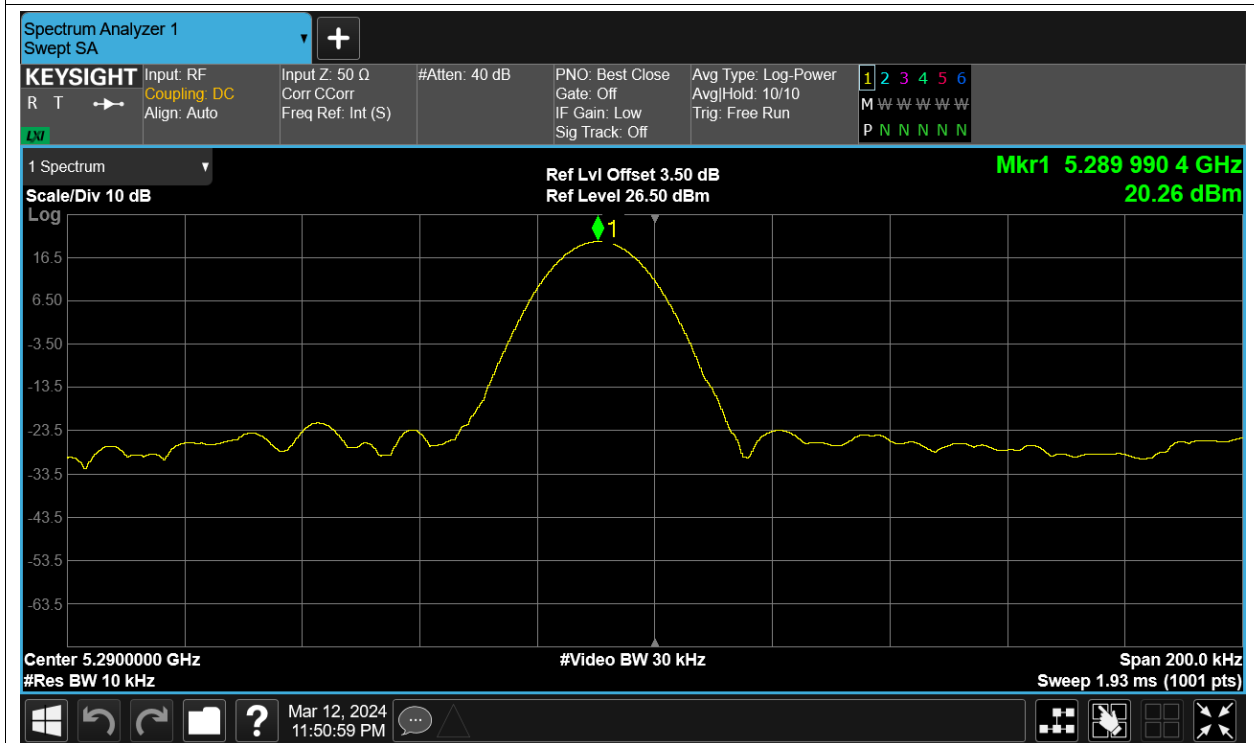
Freq. Stability HVNT ac80 5290MHz Ant1



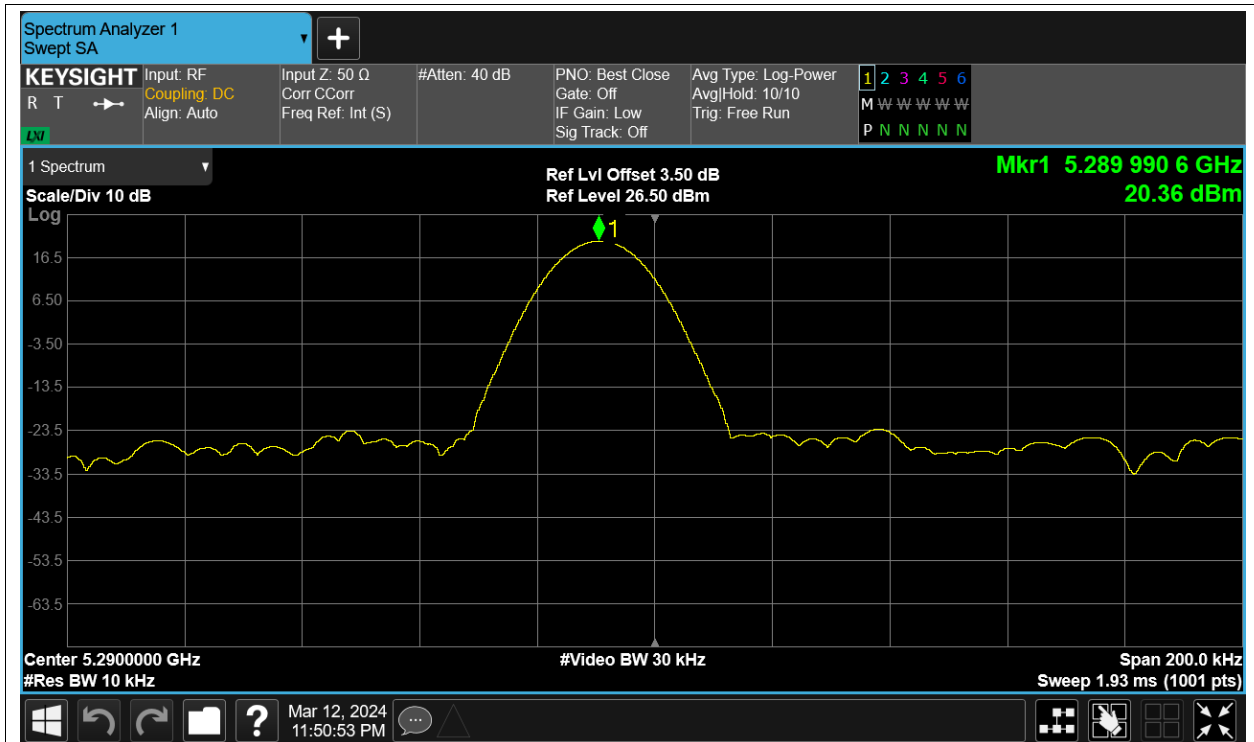
Freq. Stability LVNT ac80 5290MHz Ant1



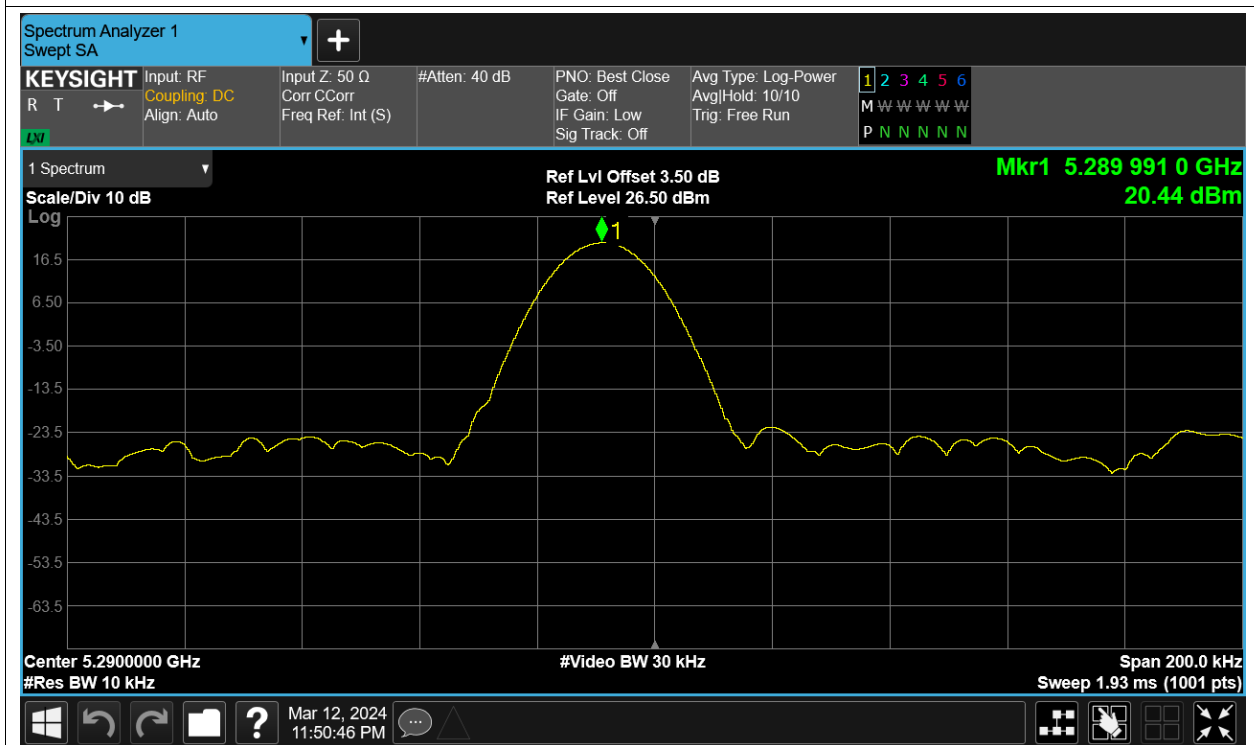
Freq. Stability NVHT ac80 5290MHz Ant1



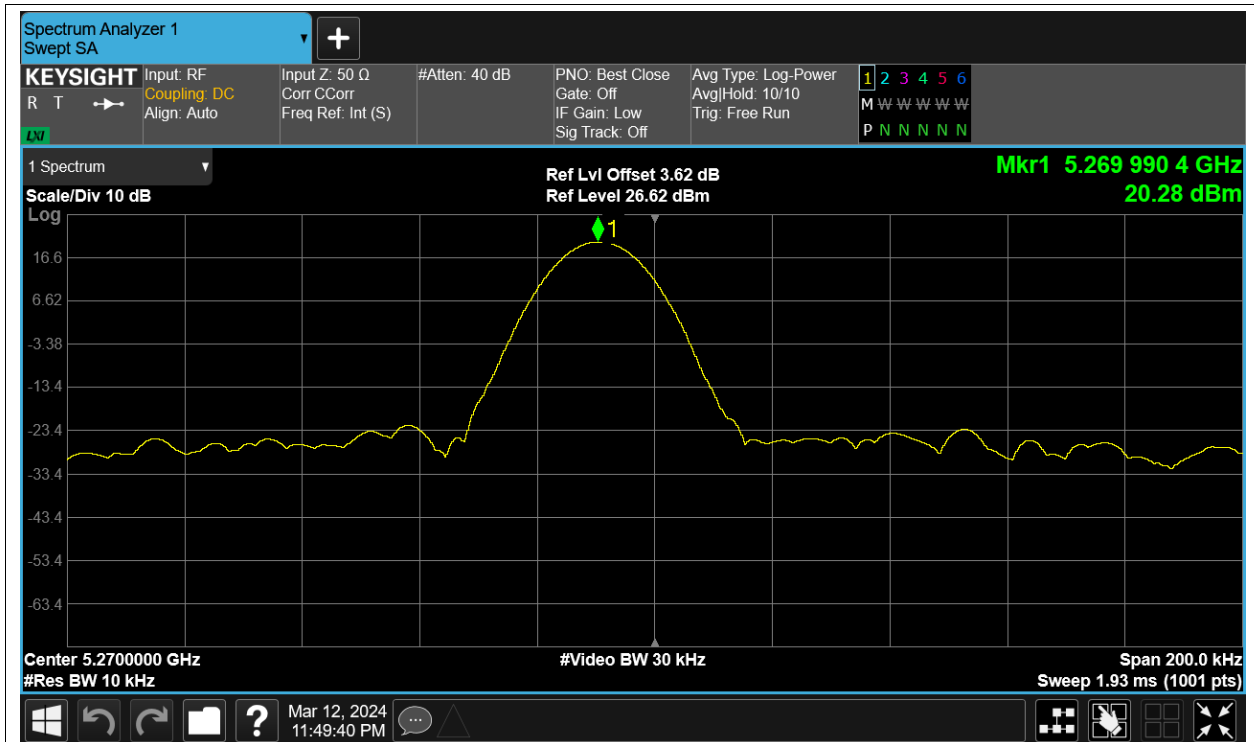
Freq. Stability NVLT ac80 5290MHz Ant1



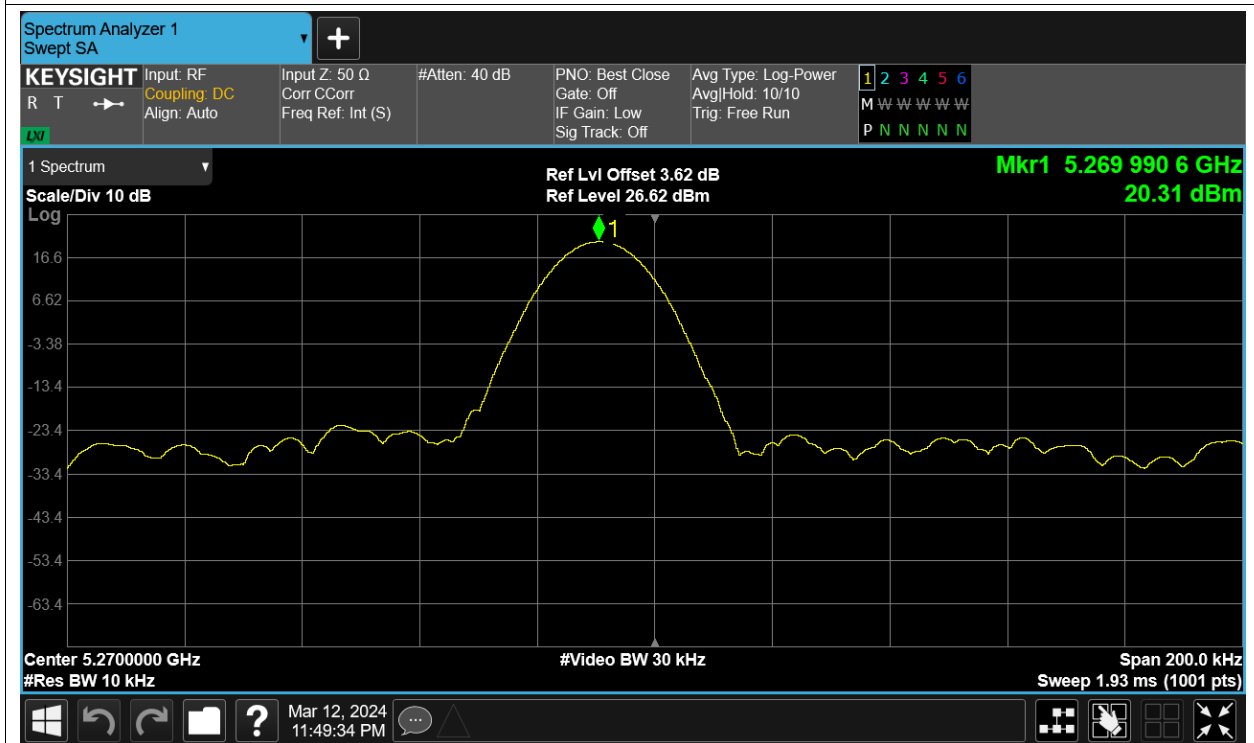
Freq. Stability NVNT ac80 5290MHz Ant1



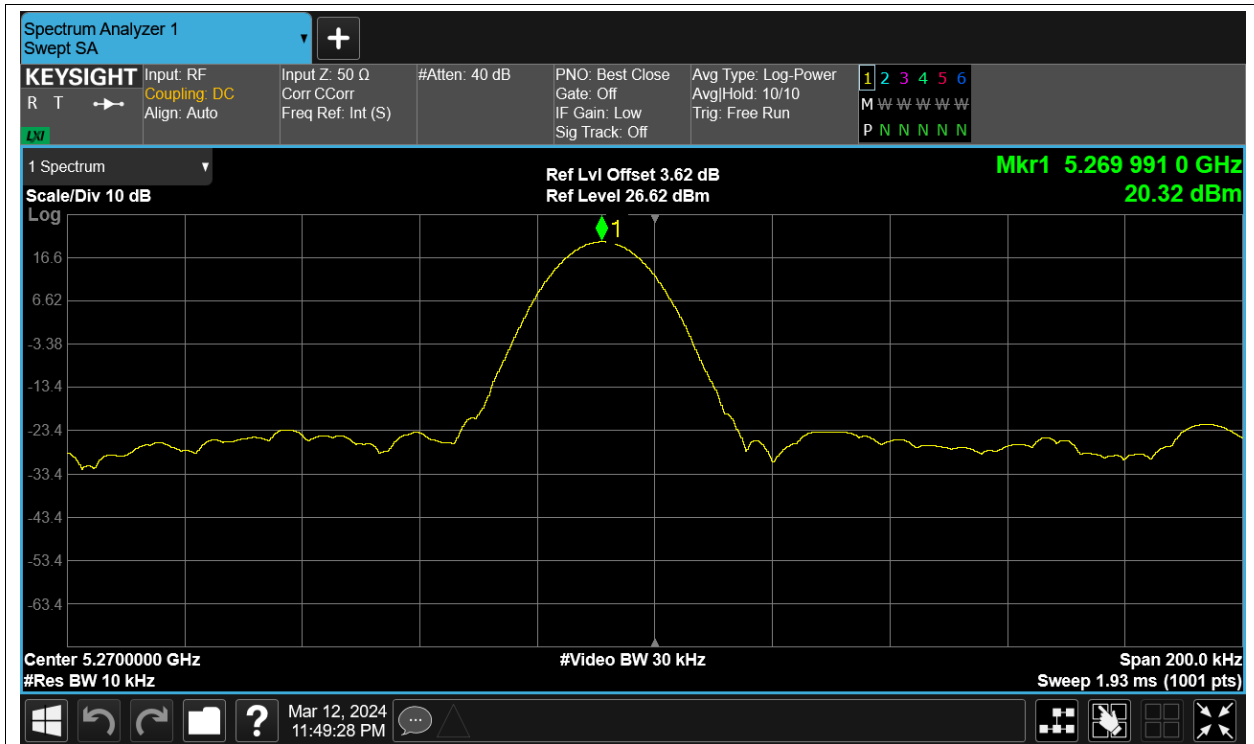
Freq. Stability HVNT n40 5270MHz Ant1



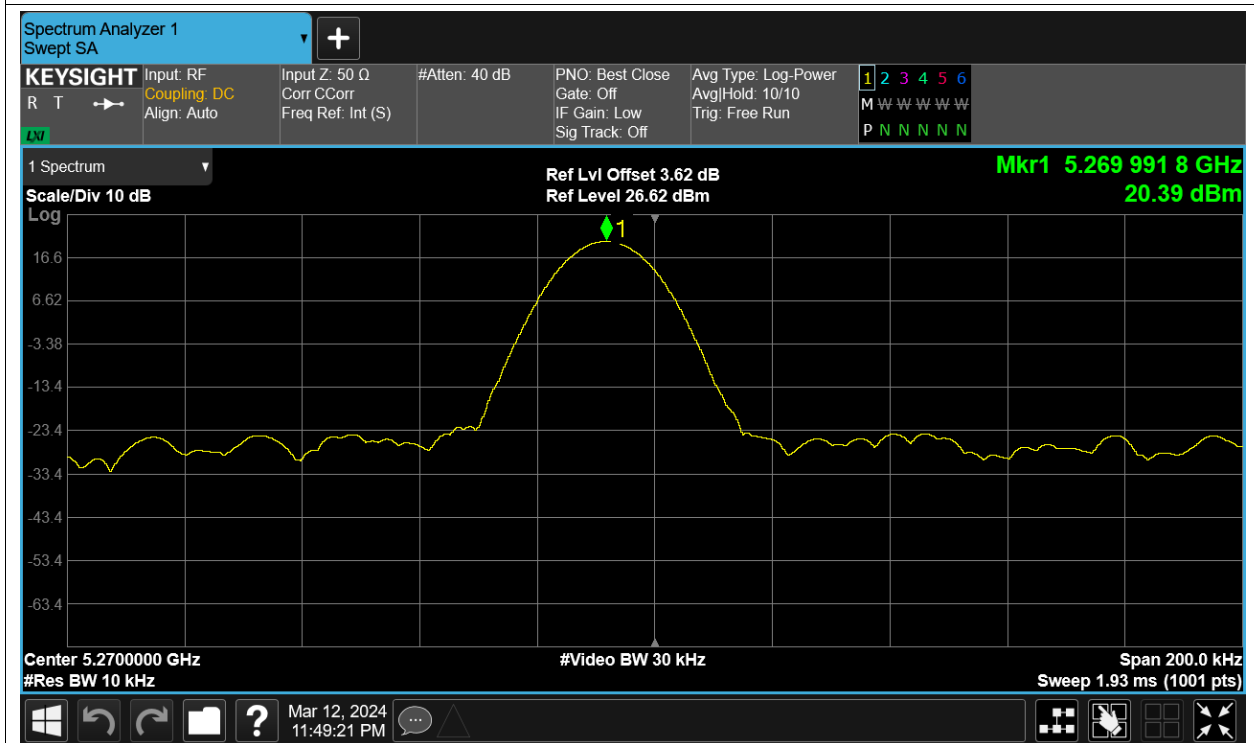
Freq. Stability LVNT n40 5270MHz Ant1



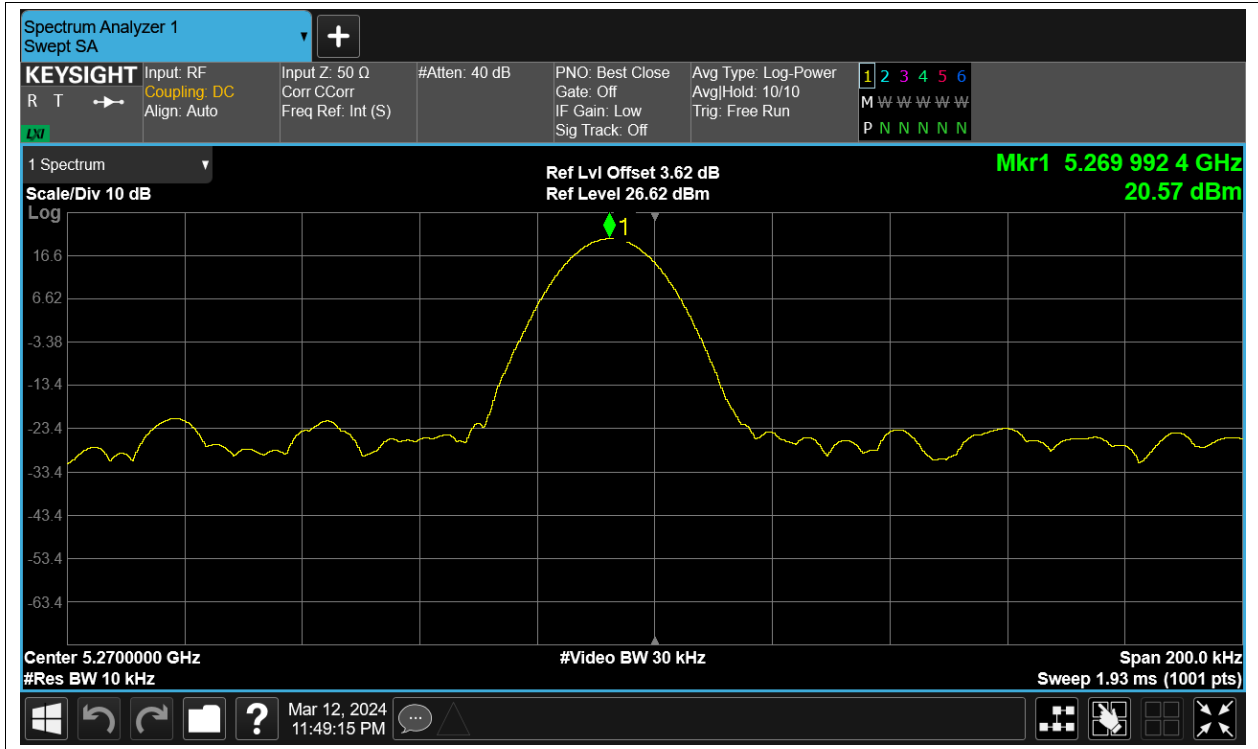
Freq. Stability NVHT n40 5270MHz Ant1



Freq. Stability NVLT n40 5270MHz Ant1



Freq. Stability NVNT n40 5270MHz Ant1

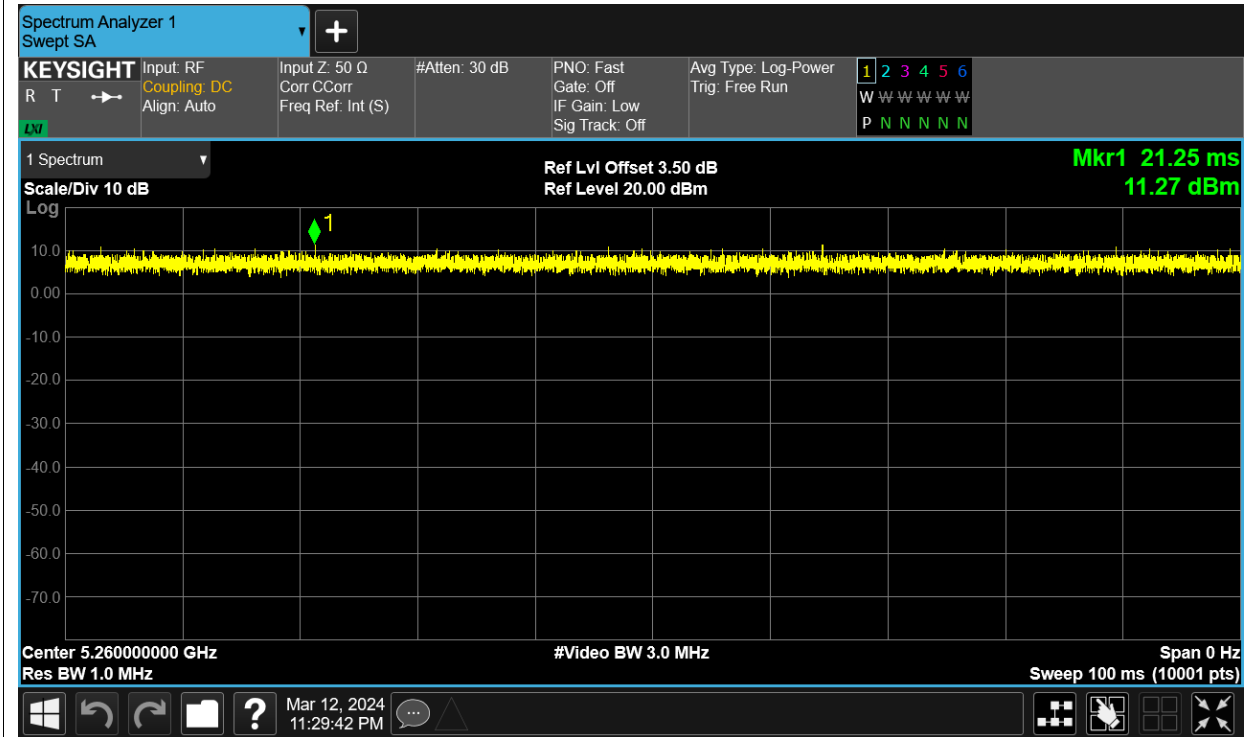


Duty Cycle

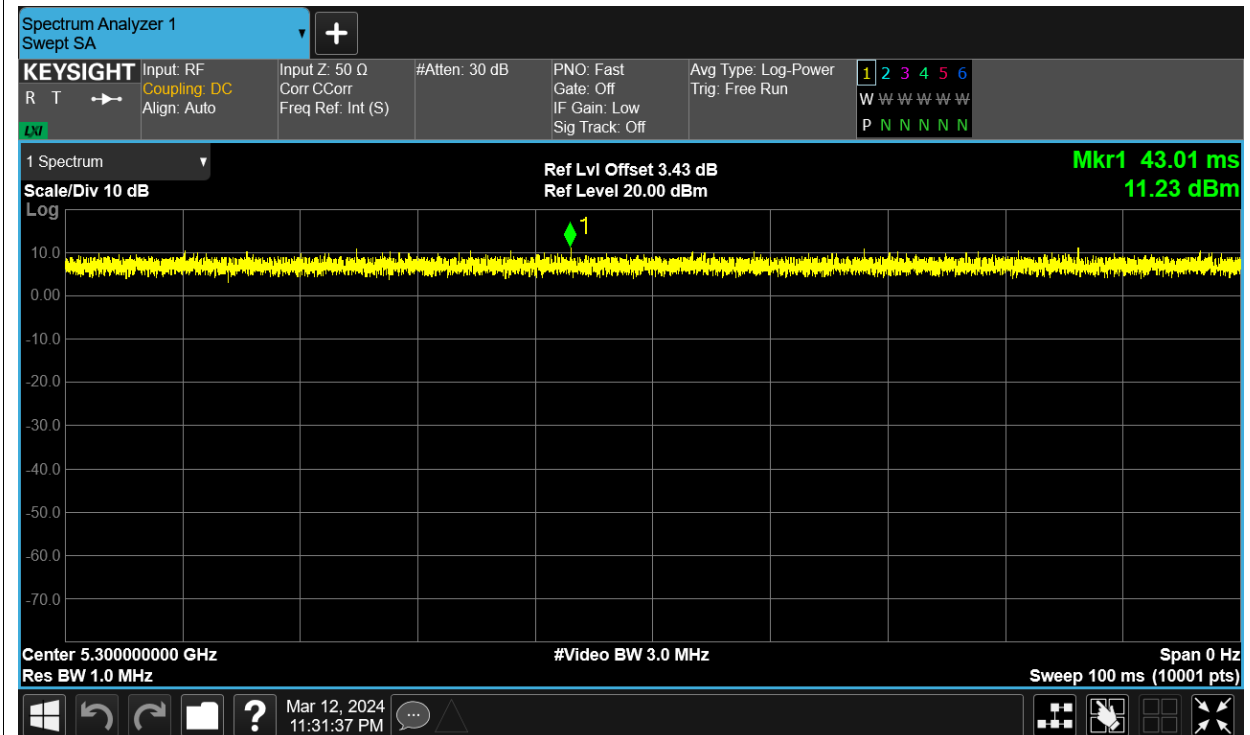
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	100	0
NVNT	a	5300	Ant1	100	0
NVNT	a	5320	Ant1	100	0
NVNT	ac20	5260	Ant1	100	0
NVNT	ac20	5300	Ant1	100	0
NVNT	ac20	5320	Ant1	100	0
NVNT	ac40	5270	Ant1	100	0
NVNT	ac40	5310	Ant1	100	0
NVNT	ac80	5290	Ant1	100	0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

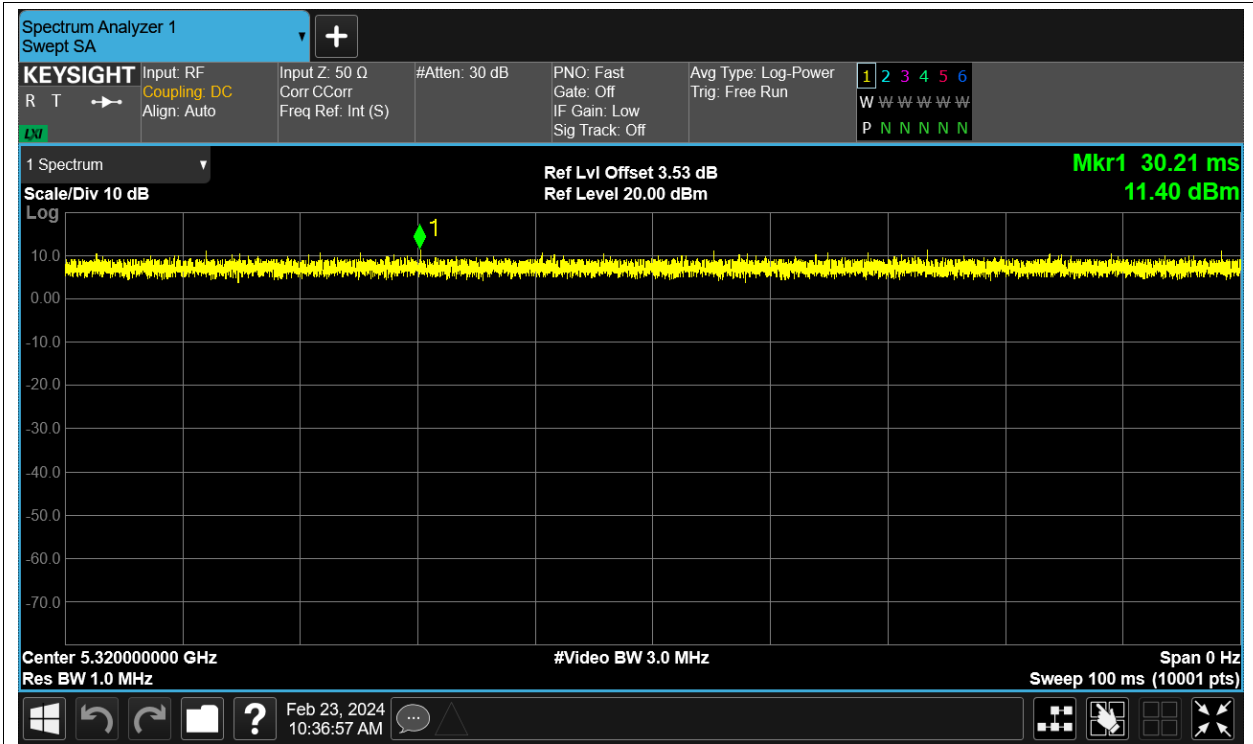
Duty Cycle NVNT a 5260MHz Ant1



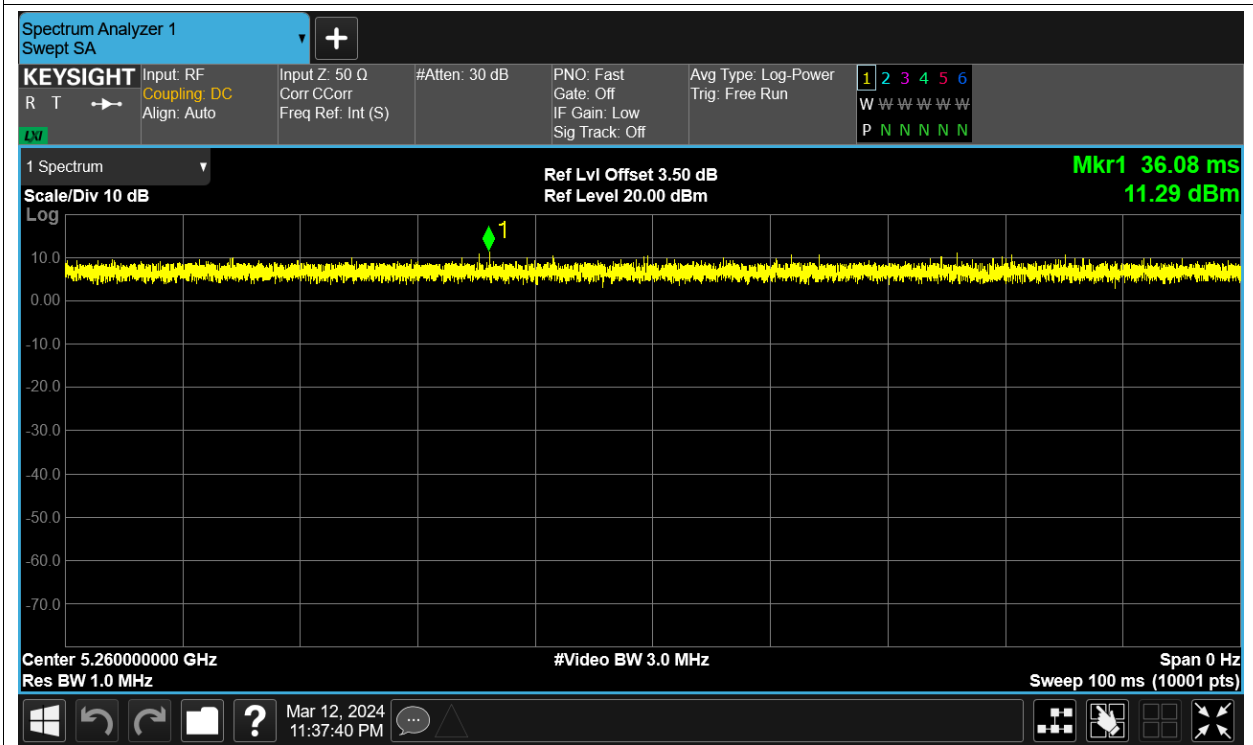
Duty Cycle NVNT a 5300MHz Ant1



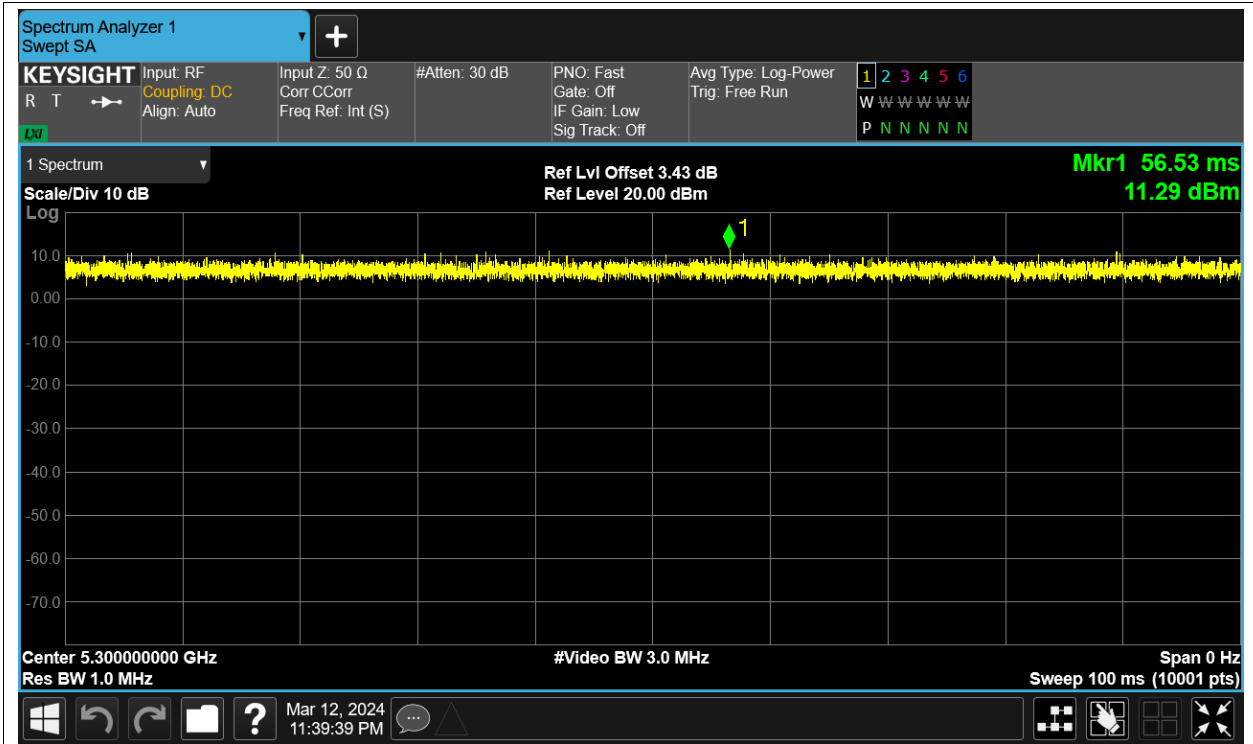
Duty Cycle NVNT a 5320MHz Ant1



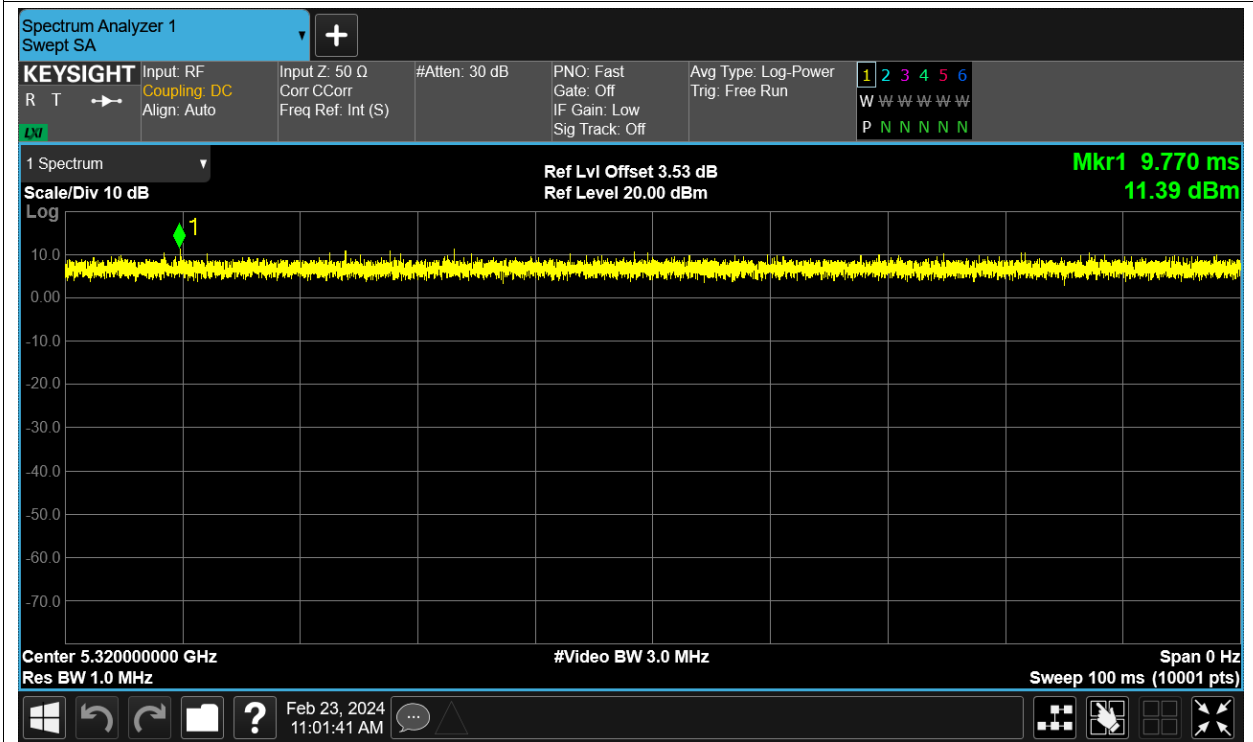
Duty Cycle NVNT ac20 5260MHz Ant1



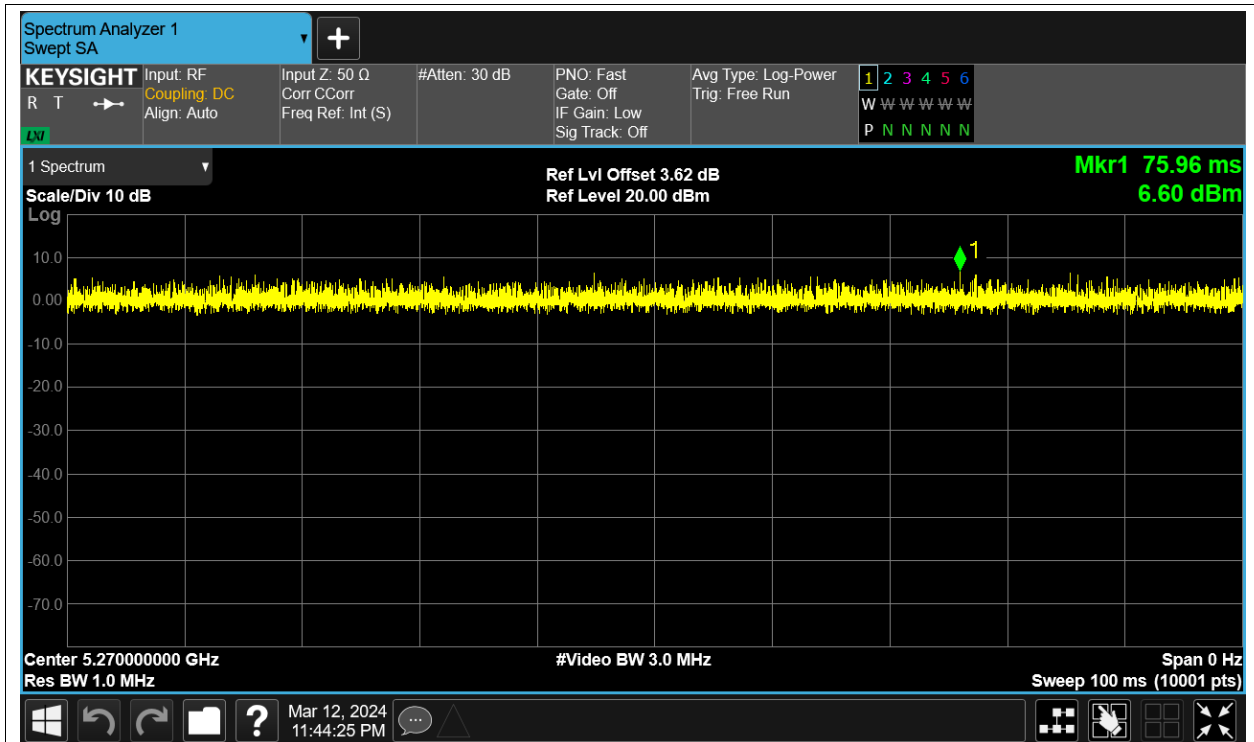
Duty Cycle NVNT ac20 5300MHz Ant1



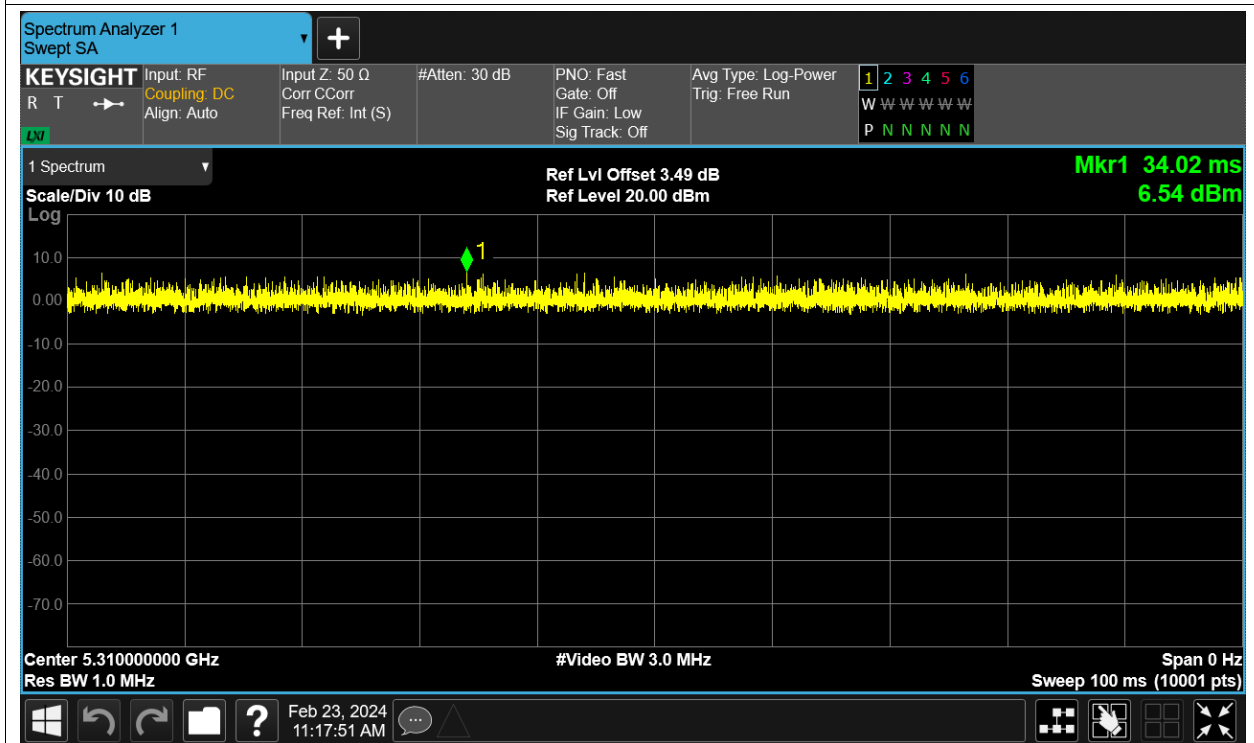
Duty Cycle NVNT ac20 5320MHz Ant1



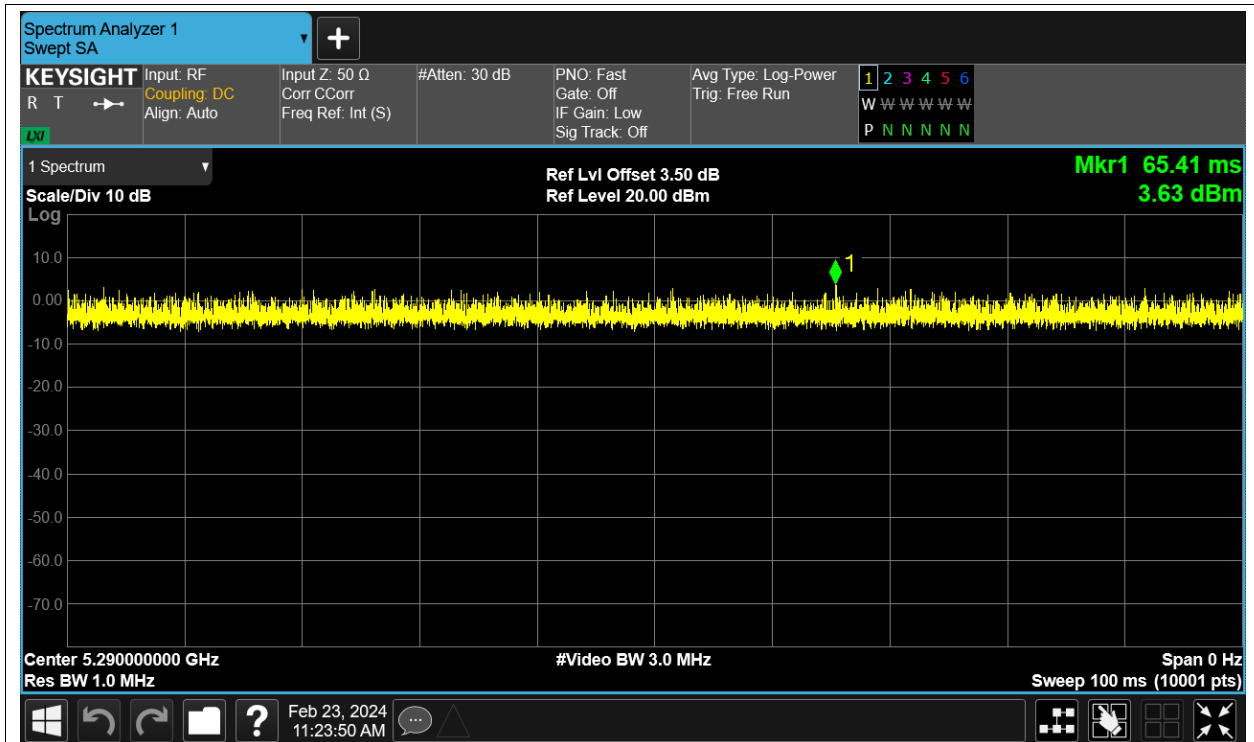
Duty Cycle NVNT ac40 5270MHz Ant1



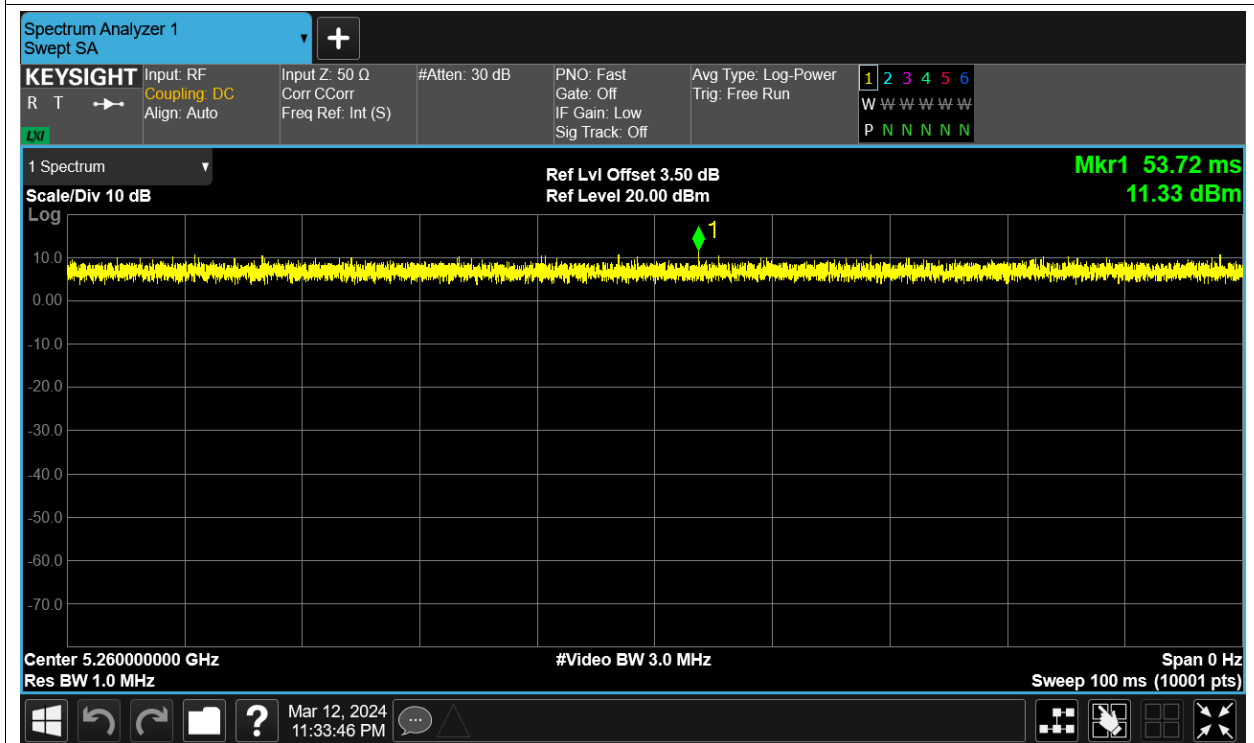
Duty Cycle NVNT ac40 5310MHz Ant1



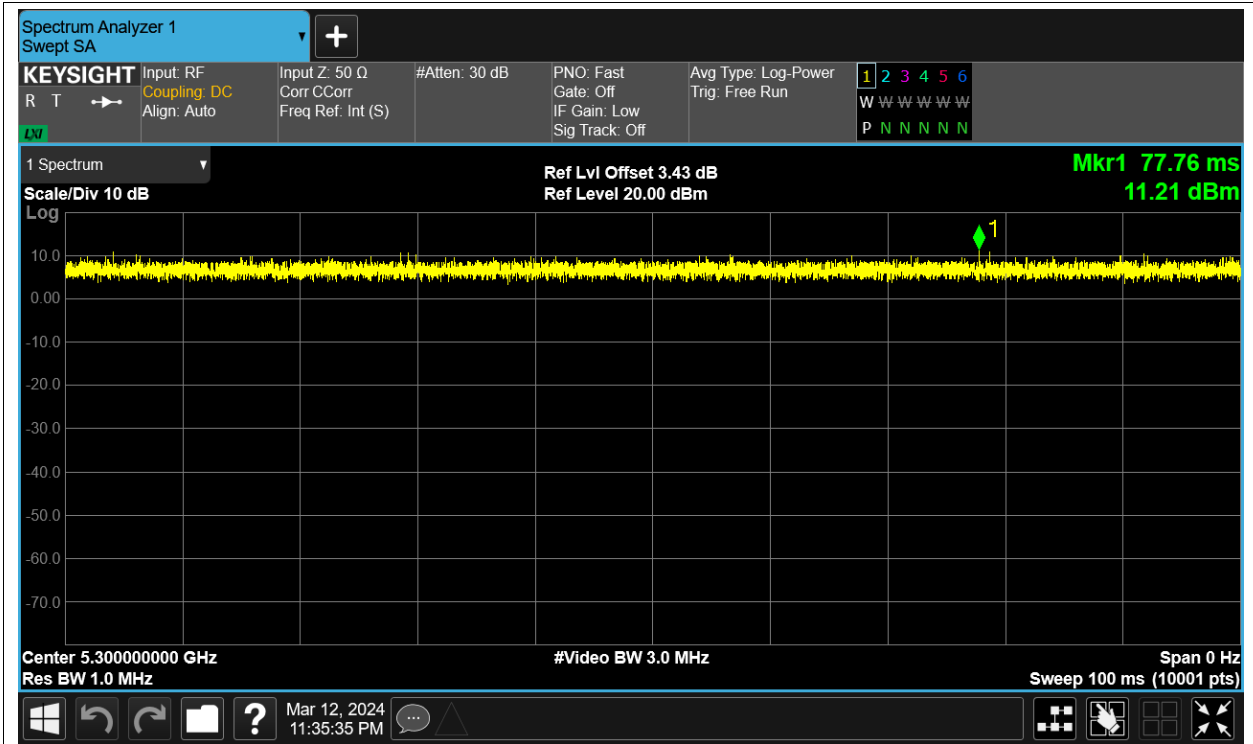
Duty Cycle NVNT ac80 5290MHz Ant1



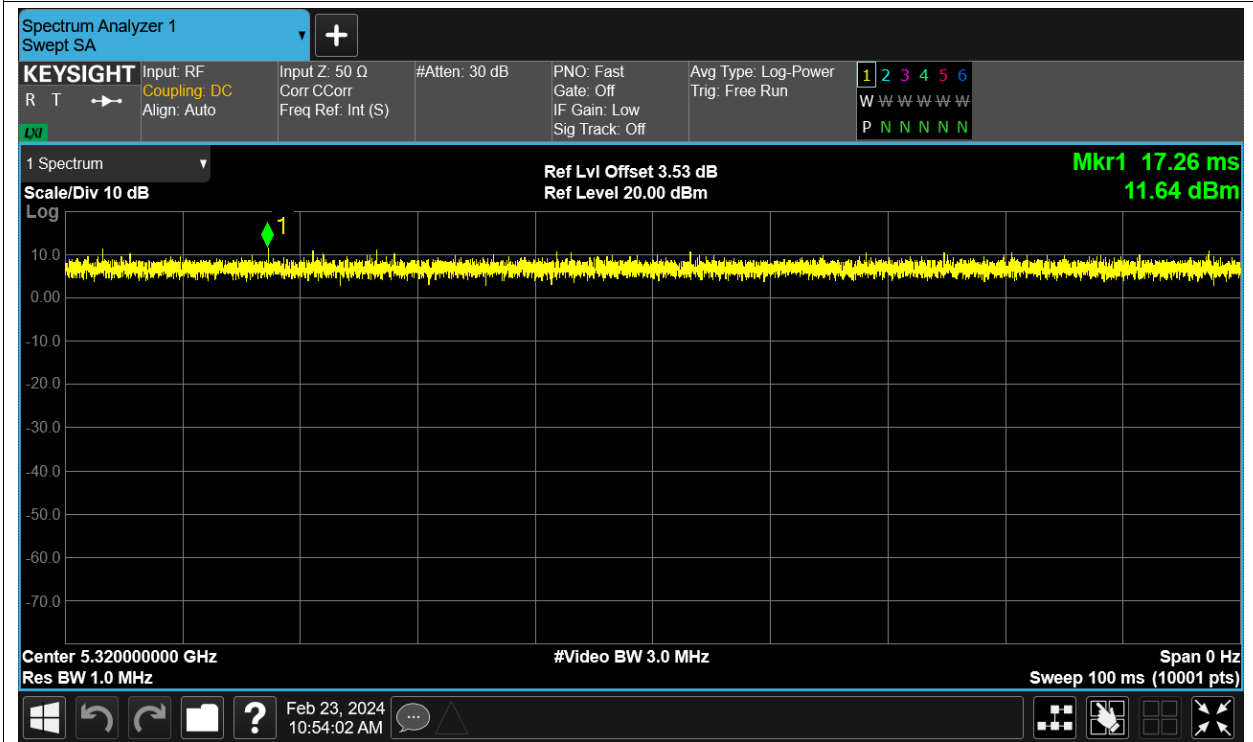
Duty Cycle NVNT n20 5260MHz Ant1



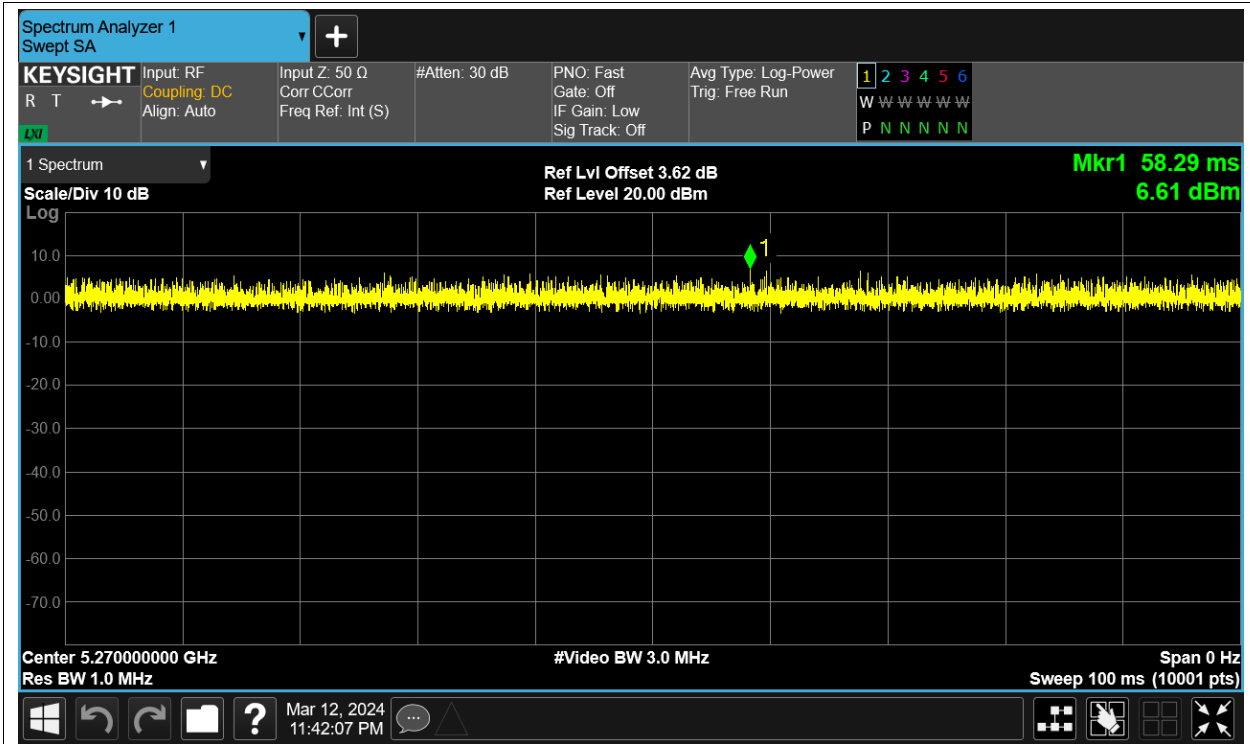
Duty Cycle NVNT n20 5300MHz Ant1



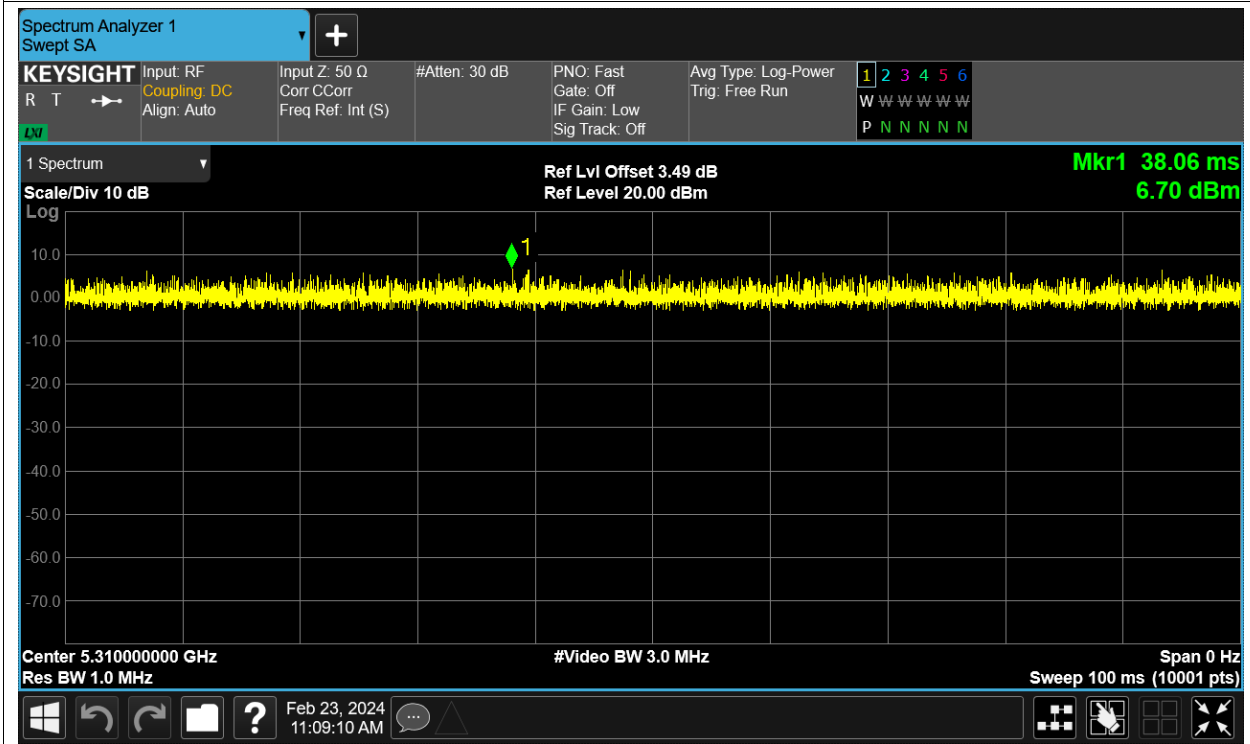
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Maximum Conducted Output Power

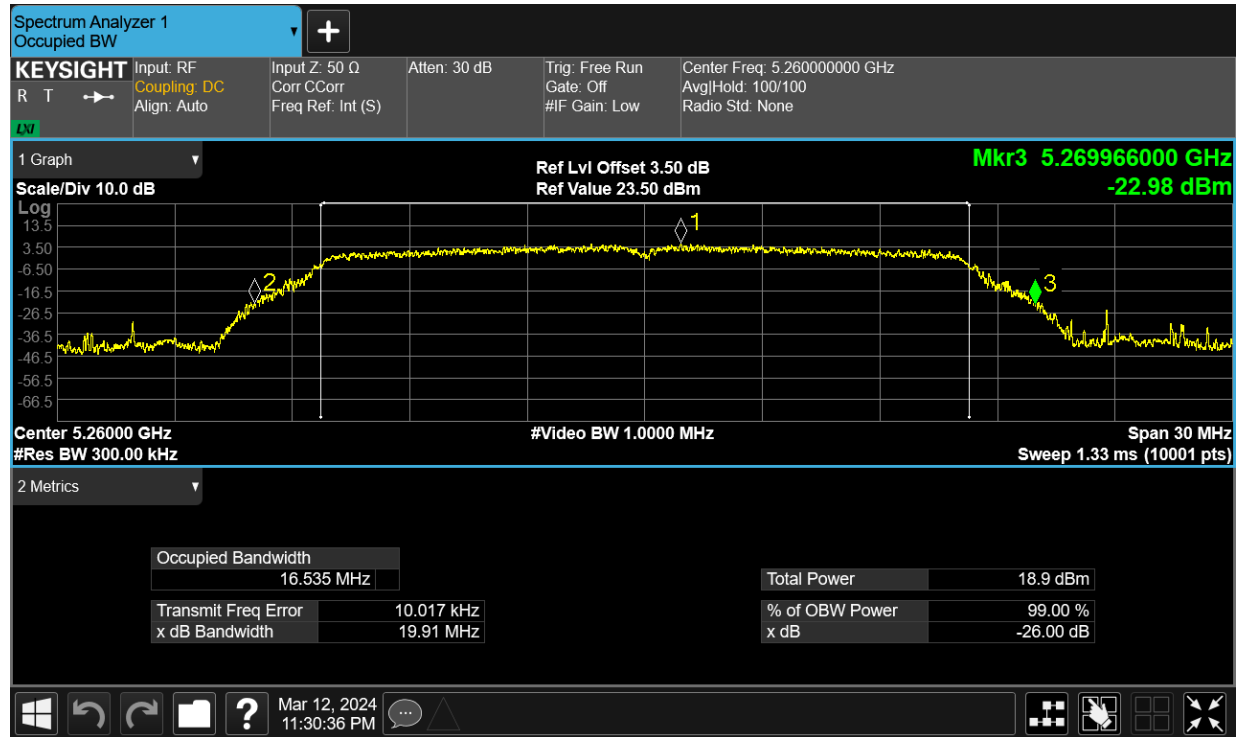
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	13.82	0	13.82	24	Pass
NVNT	a	5300	Ant1	13.77	0	13.77	24	Pass
NVNT	a	5320	Ant1	14.07	0	14.07	24	Pass
NVNT	ac20	5260	Ant1	13.65	0	13.65	24	Pass
NVNT	ac20	5300	Ant1	13.59	0	13.59	24	Pass
NVNT	ac20	5320	Ant1	13.88	0	13.88	24	Pass
NVNT	ac40	5270	Ant1	13.64	0	13.64	24	Pass
NVNT	ac40	5310	Ant1	13.68	0	13.68	24	Pass
NVNT	ac80	5290	Ant1	13.39	0	13.39	24	Pass
NVNT	n20	5260	Ant1	13.69	0	13.69	24	Pass
NVNT	n20	5300	Ant1	13.62	0	13.62	24	Pass
NVNT	n20	5320	Ant1	13.91	0	13.91	24	Pass
NVNT	n40	5270	Ant1	13.64	0	13.64	24	Pass
NVNT	n40	5310	Ant1	13.73	0	13.73	24	Pass

-26dB Bandwidth

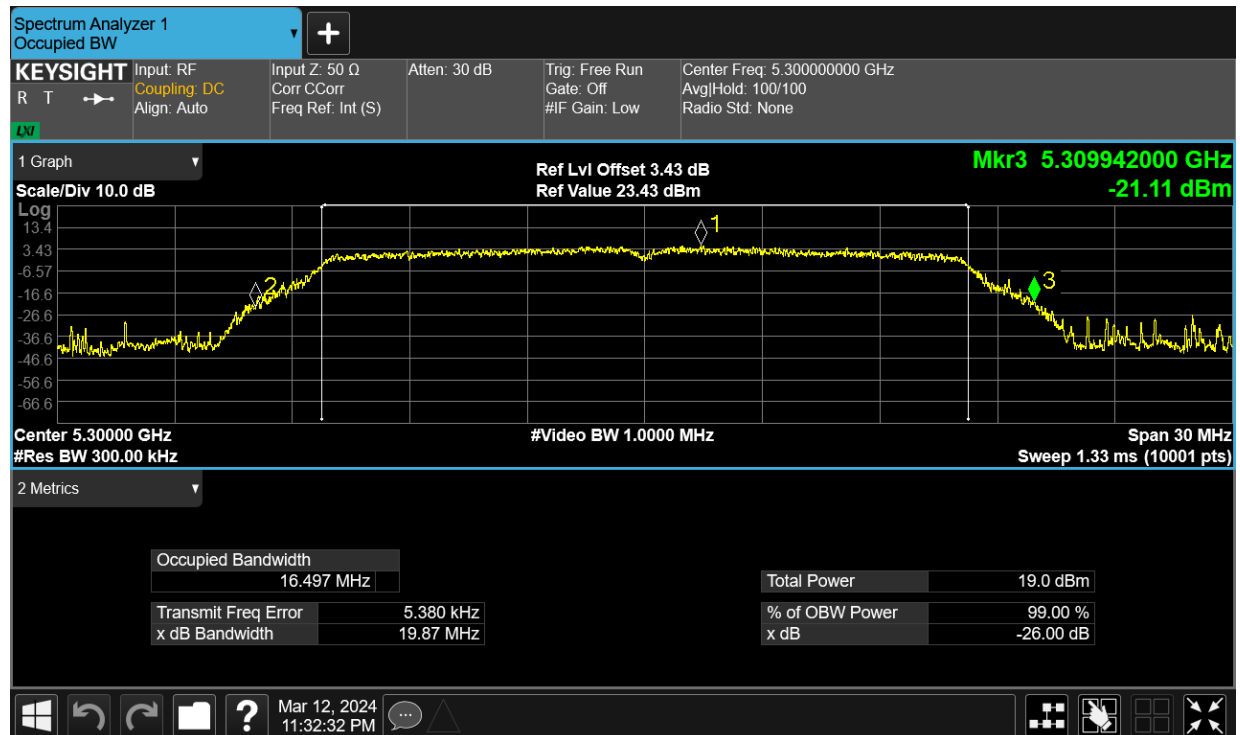
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	19.913
NVNT	a	5300	Ant1	19.873
NVNT	a	5320	Ant1	19.894
NVNT	ac20	5260	Ant1	20.347
NVNT	ac20	5300	Ant1	20.321
NVNT	ac20	5320	Ant1	20.198
NVNT	ac40	5270	Ant1	39.721
NVNT	ac40	5310	Ant1	39.341
NVNT	ac80	5290	Ant1	79.043
NVNT	n20	5260	Ant1	20.399
NVNT	n20	5300	Ant1	20.132
NVNT	n20	5320	Ant1	20.333
NVNT	n40	5270	Ant1	39.646
NVNT	n40	5310	Ant1	40.083

Test Graphs

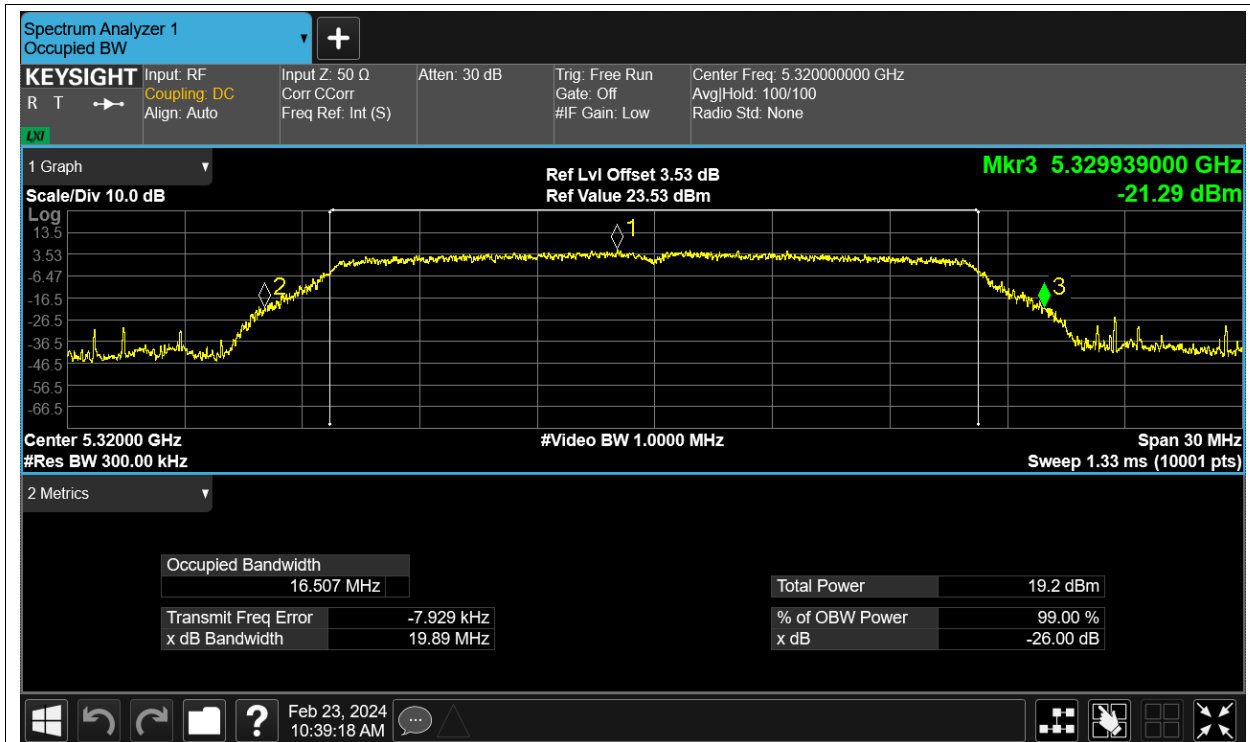
-26dB Bandwidth NVNT a 5260MHz Ant1



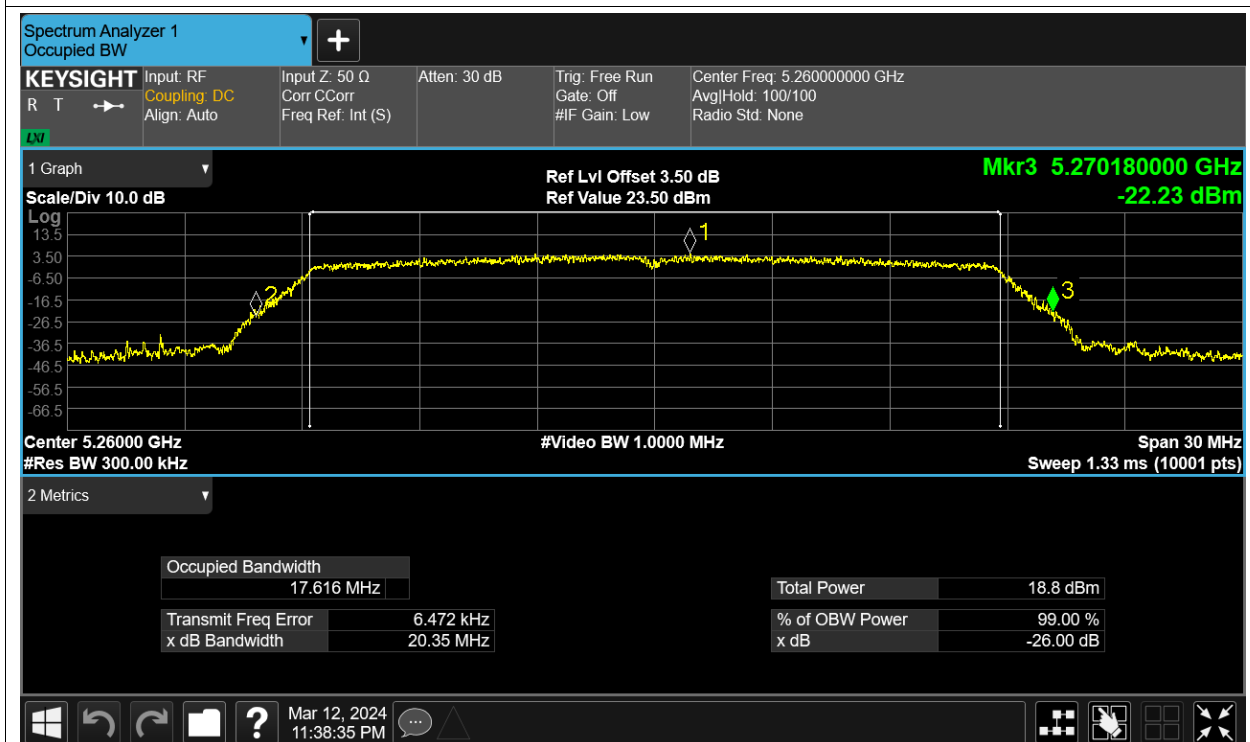
-26dB Bandwidth NVNT a 5300MHz Ant1



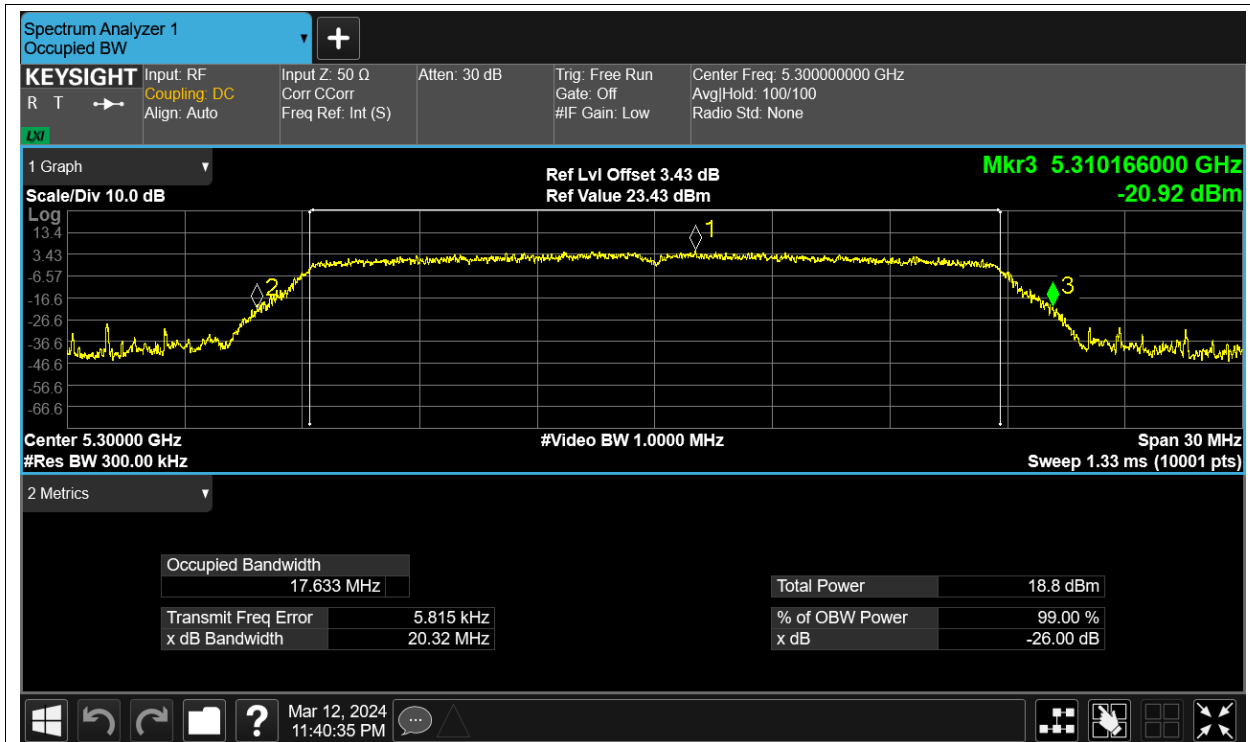
-26dB Bandwidth NVNT a 5320MHz Ant1



-26dB Bandwidth NVNT ac20 5260MHz Ant1



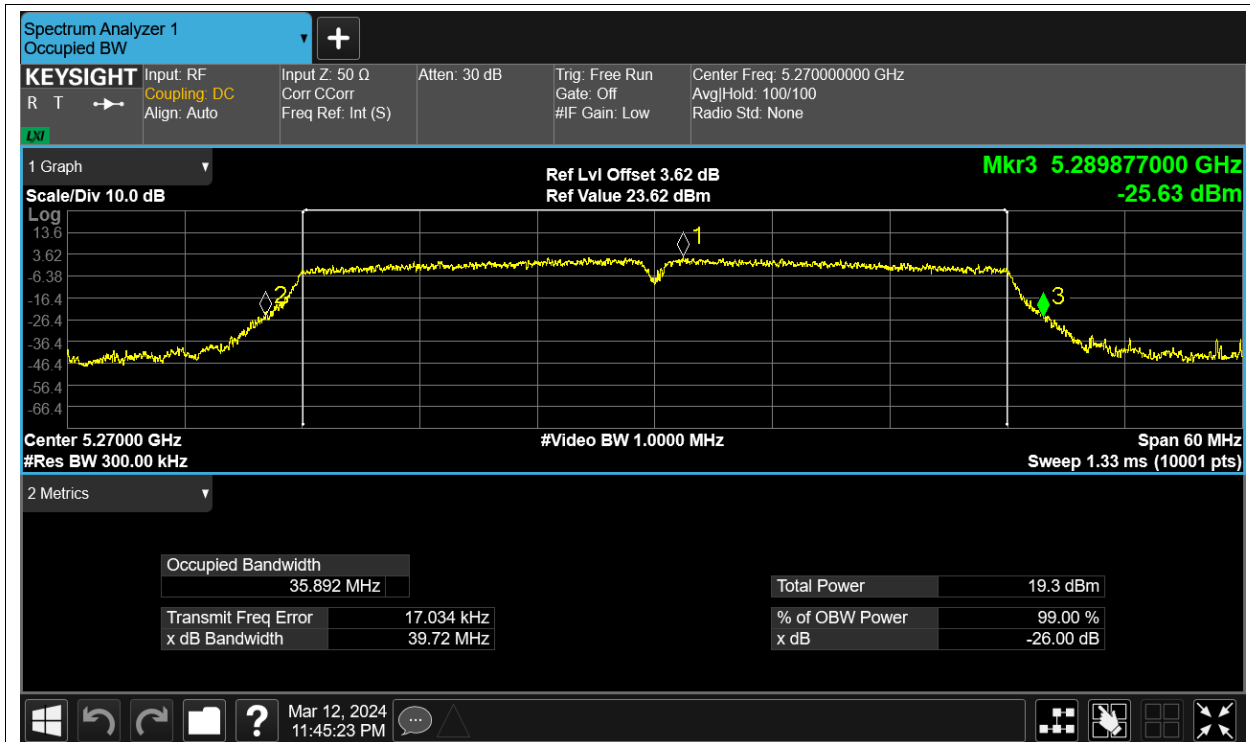
-26dB Bandwidth NVNT ac20 5300MHz Ant1



-26dB Bandwidth NVNT ac20 5320MHz Ant1



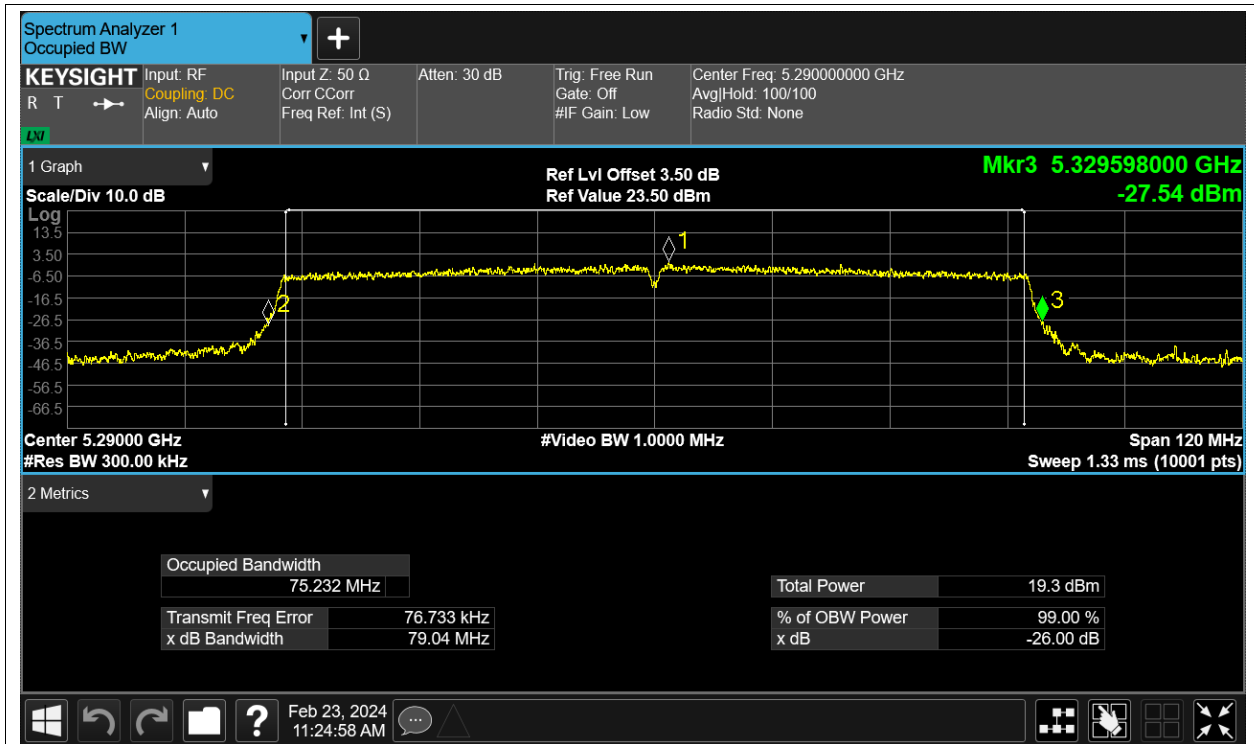
-26dB Bandwidth NVNT ac40 5270MHz Ant1



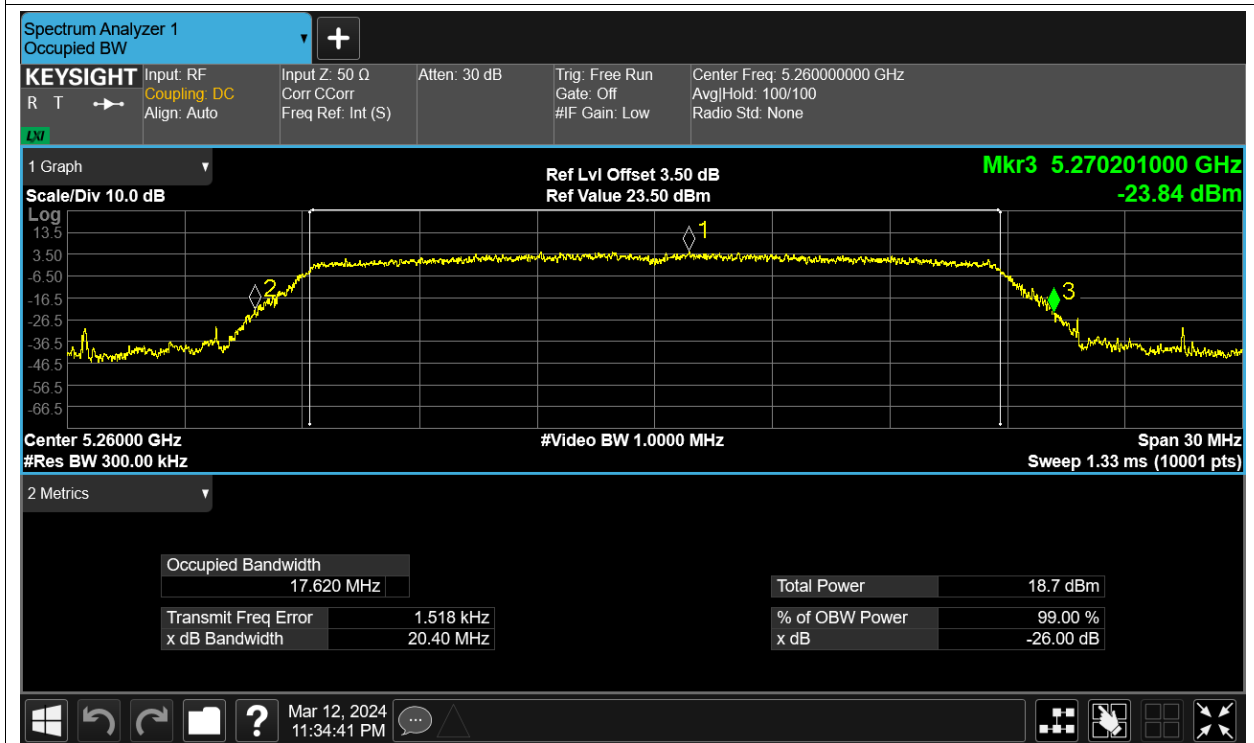
-26dB Bandwidth NVNT ac40 5310MHz Ant1



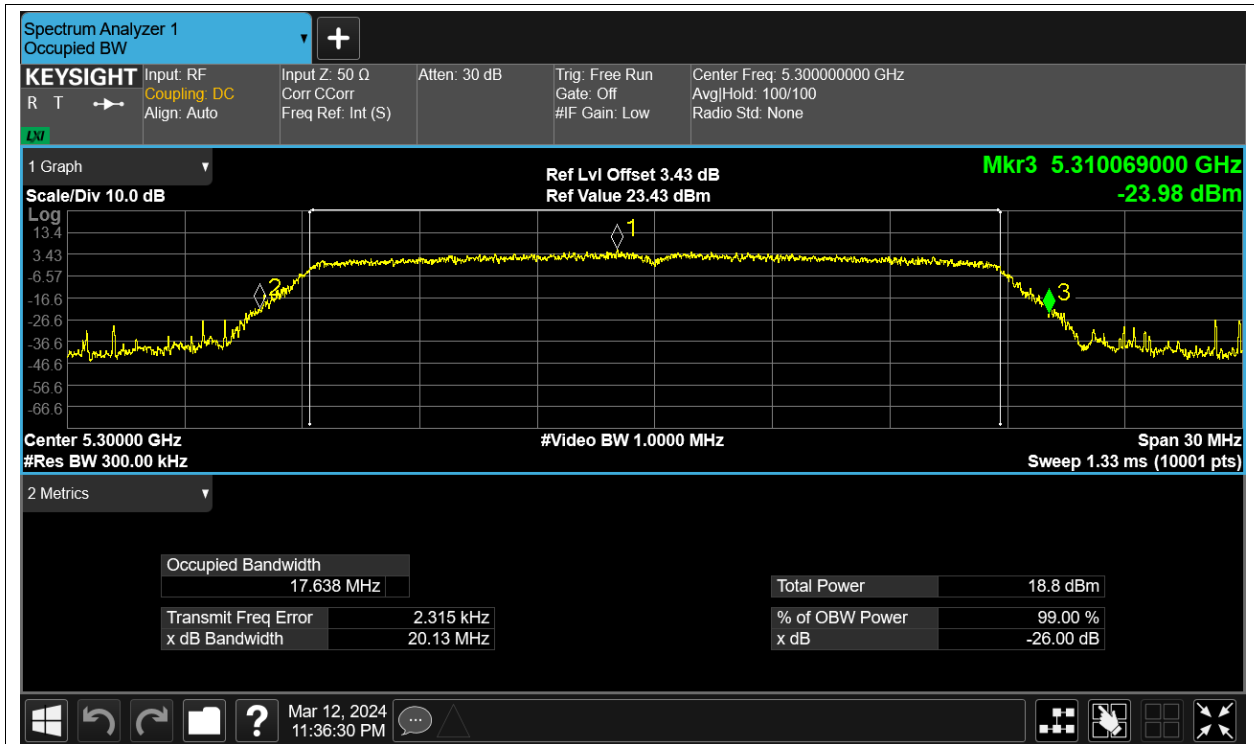
-26dB Bandwidth NVNT ac80 5290MHz Ant1



-26dB Bandwidth NVNT n20 5260MHz Ant1



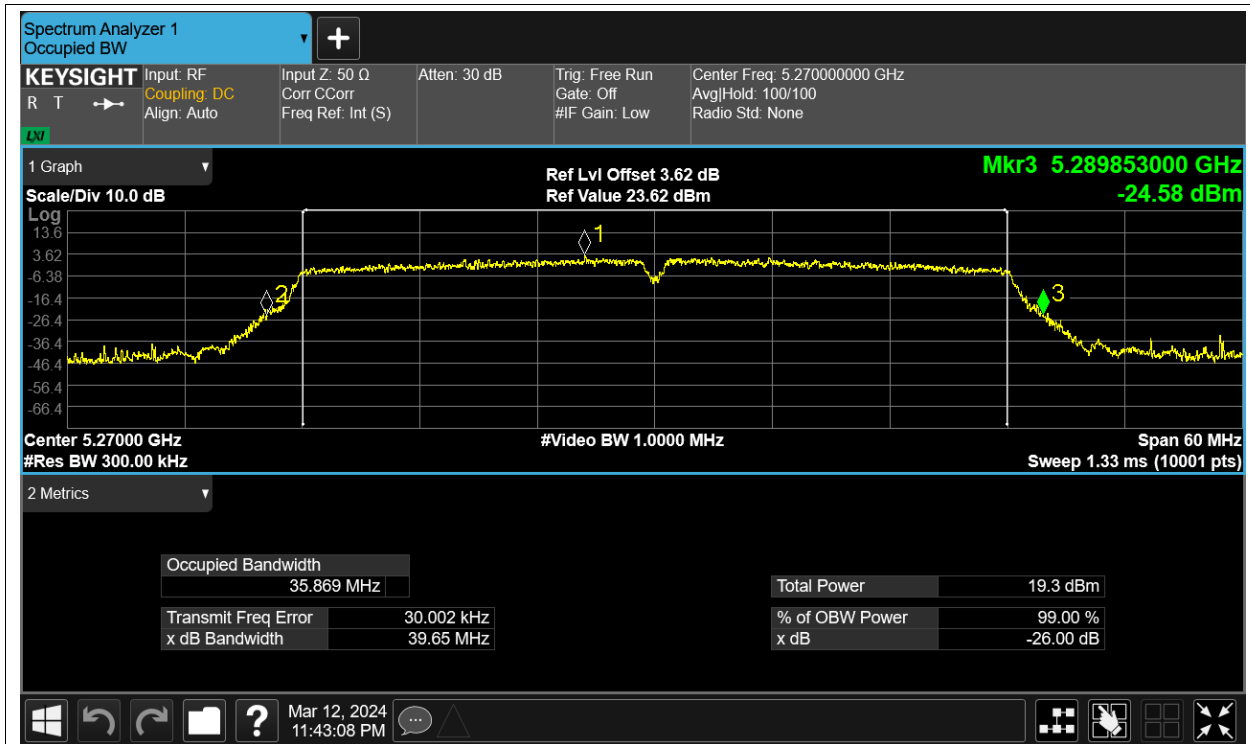
-26dB Bandwidth NVNT n20 5300MHz Ant1



-26dB Bandwidth NVNT n20 5320MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant1

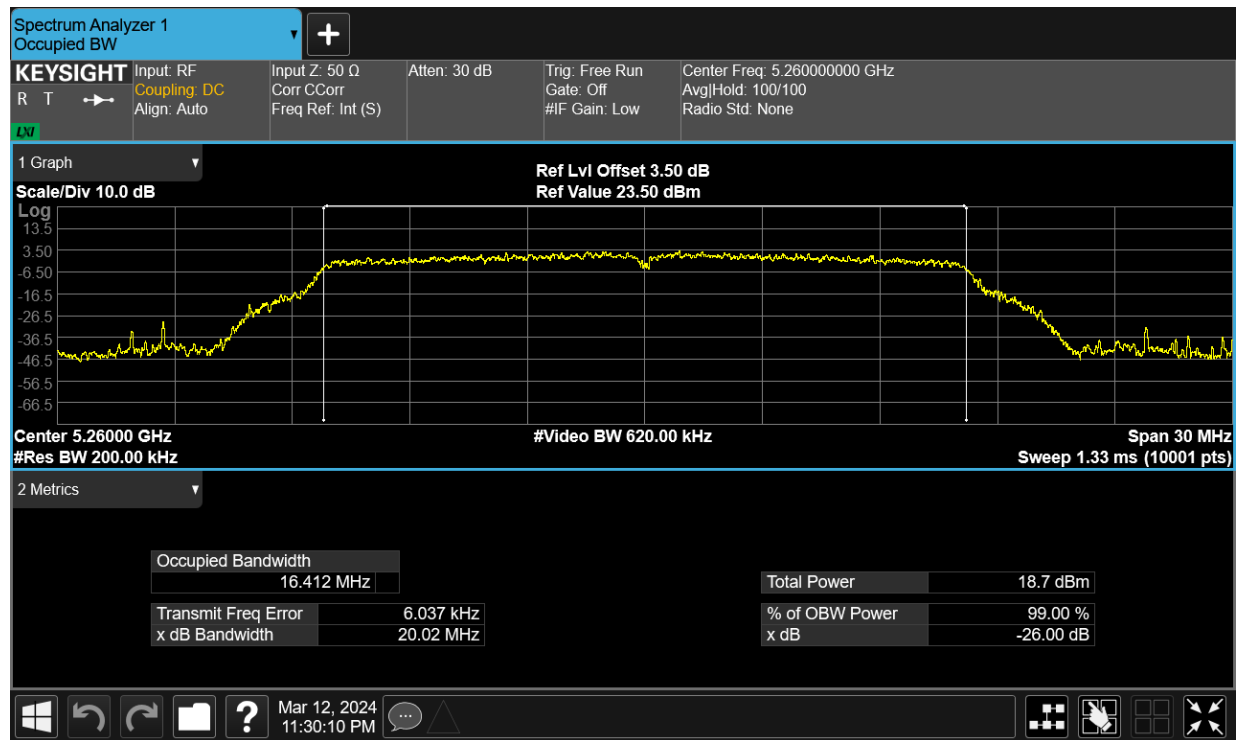


Occupied Channel Bandwidth

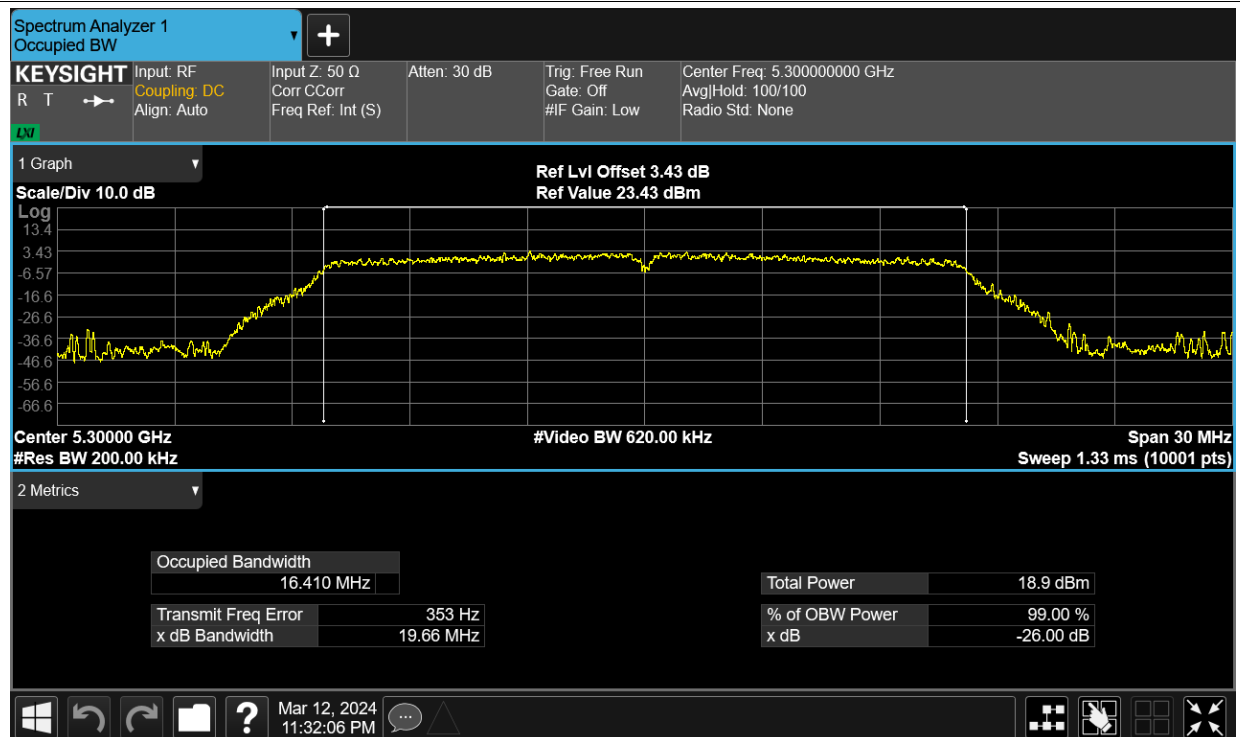
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.412
NVNT	a	5300	Ant1	16.41
NVNT	a	5320	Ant1	16.392
NVNT	ac20	5260	Ant1	17.548
NVNT	ac20	5300	Ant1	17.538
NVNT	ac20	5320	Ant1	17.533
NVNT	ac40	5270	Ant1	35.915
NVNT	ac40	5310	Ant1	35.944
NVNT	ac80	5290	Ant1	75.154
NVNT	n20	5260	Ant1	17.553
NVNT	n20	5300	Ant1	17.56
NVNT	n20	5320	Ant1	17.561
NVNT	n40	5270	Ant1	35.912
NVNT	n40	5310	Ant1	35.908

Test Graphs

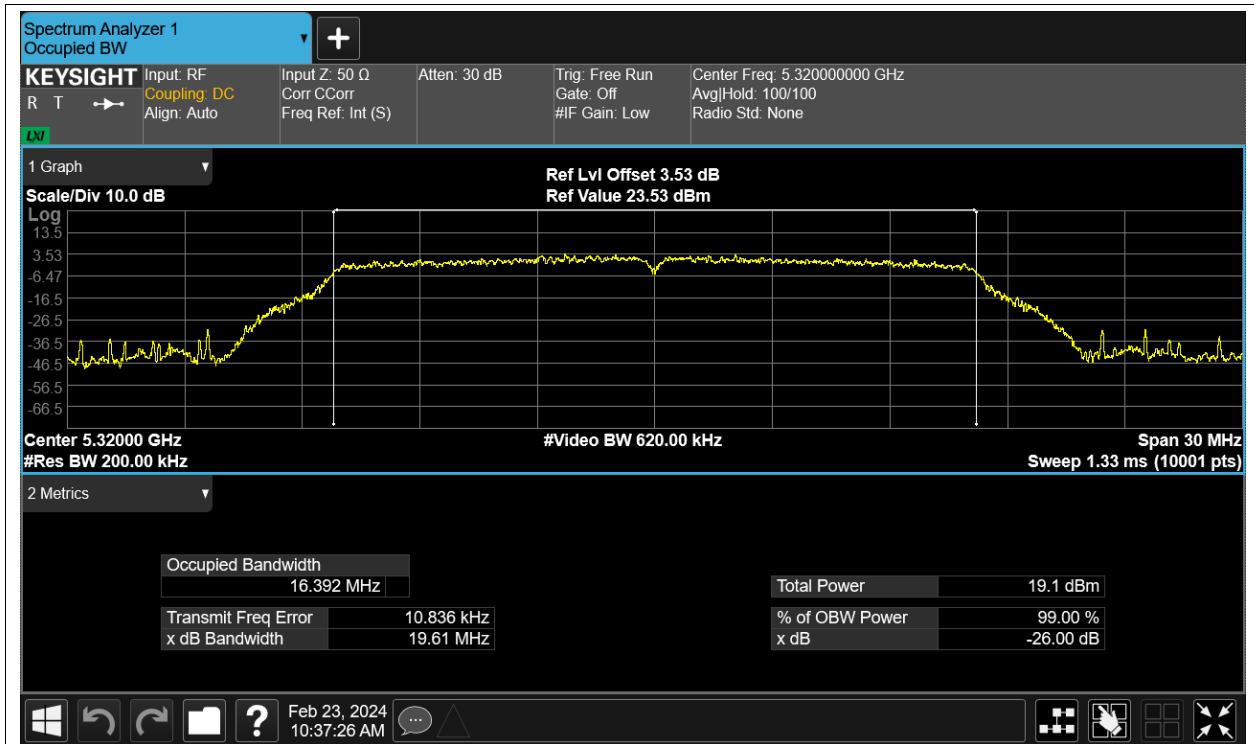
OBW NVNT a 5260MHz Ant1



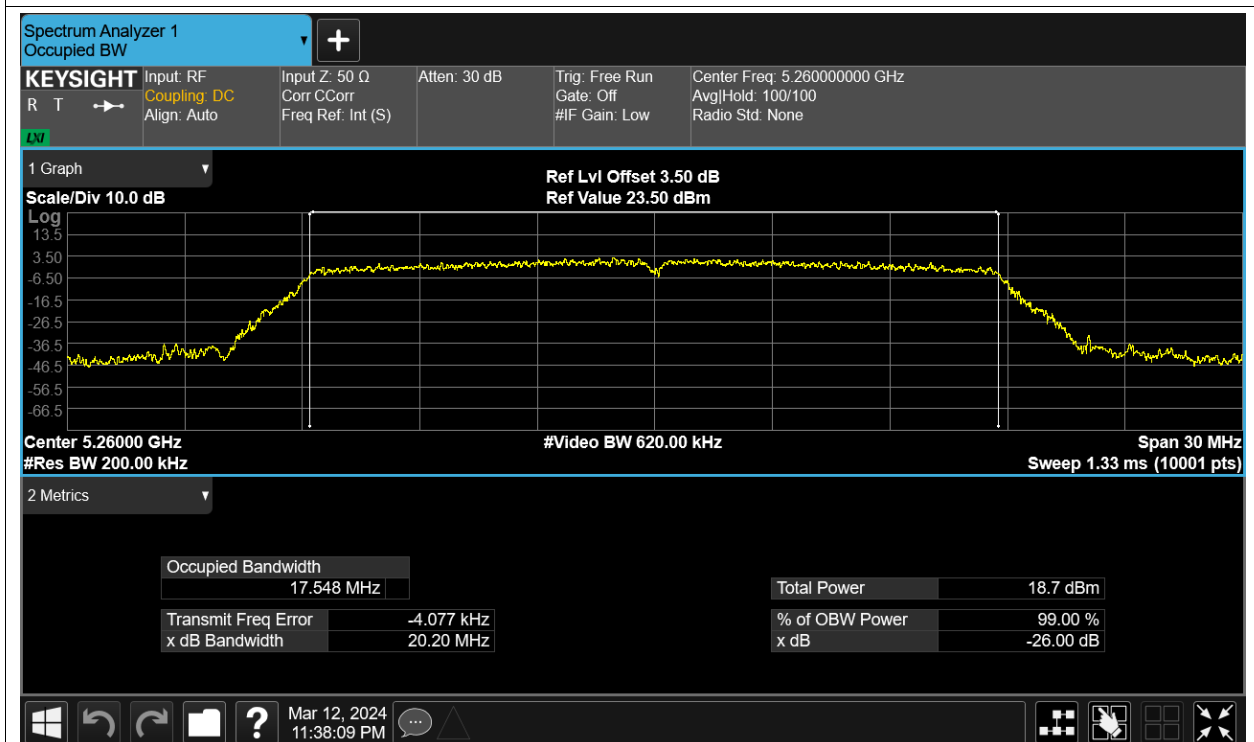
OBW NVNT a 5300MHz Ant1



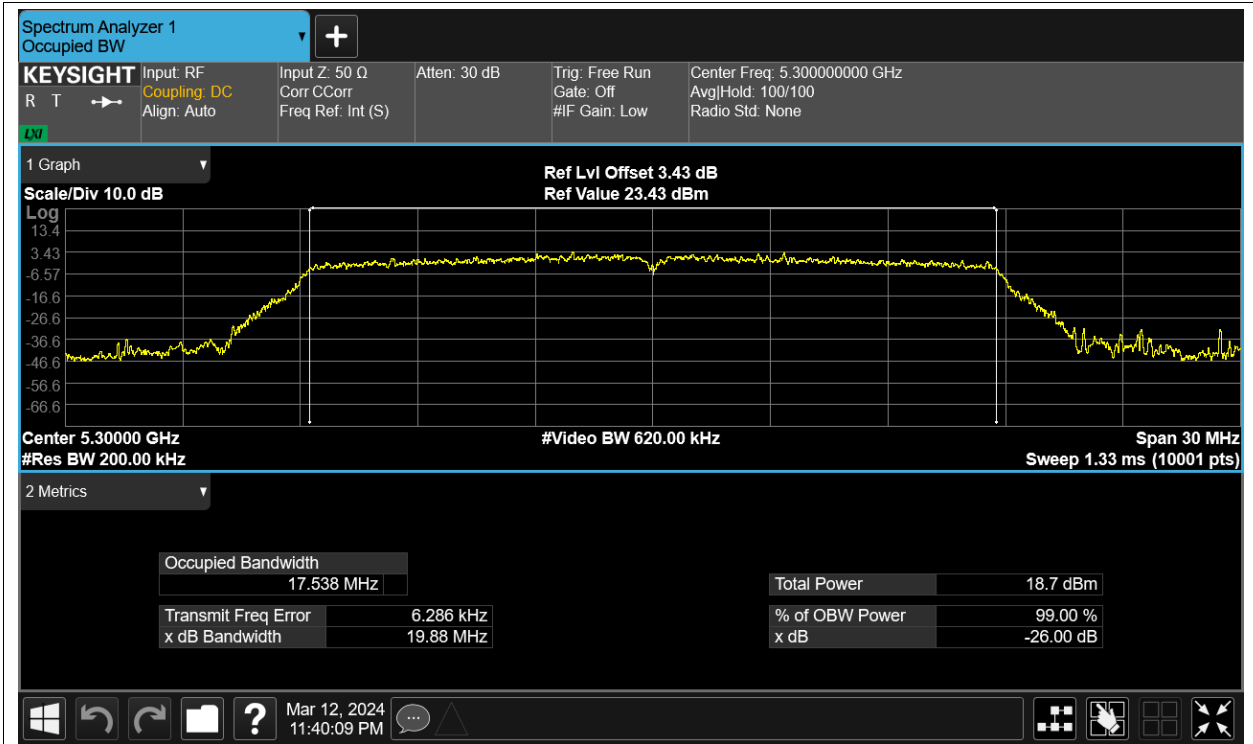
OBW NVNT a 5320MHz Ant1



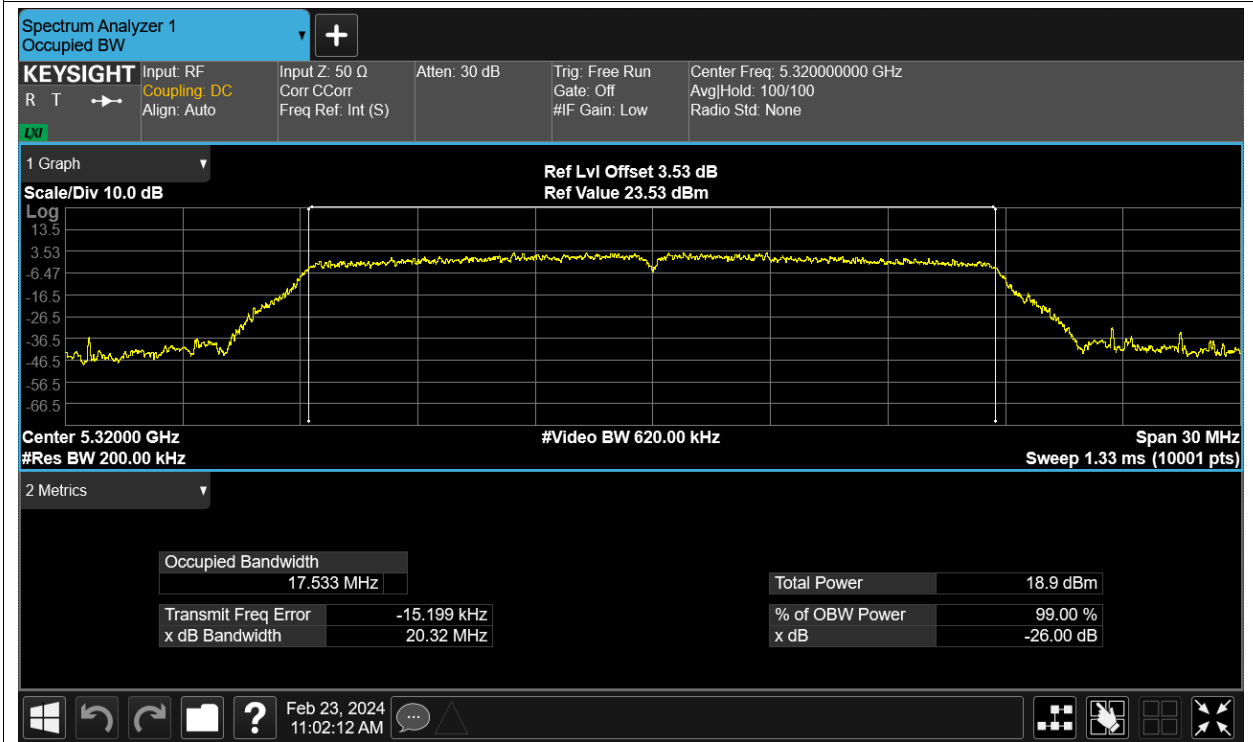
OBW NVNT ac20 5260MHz Ant1



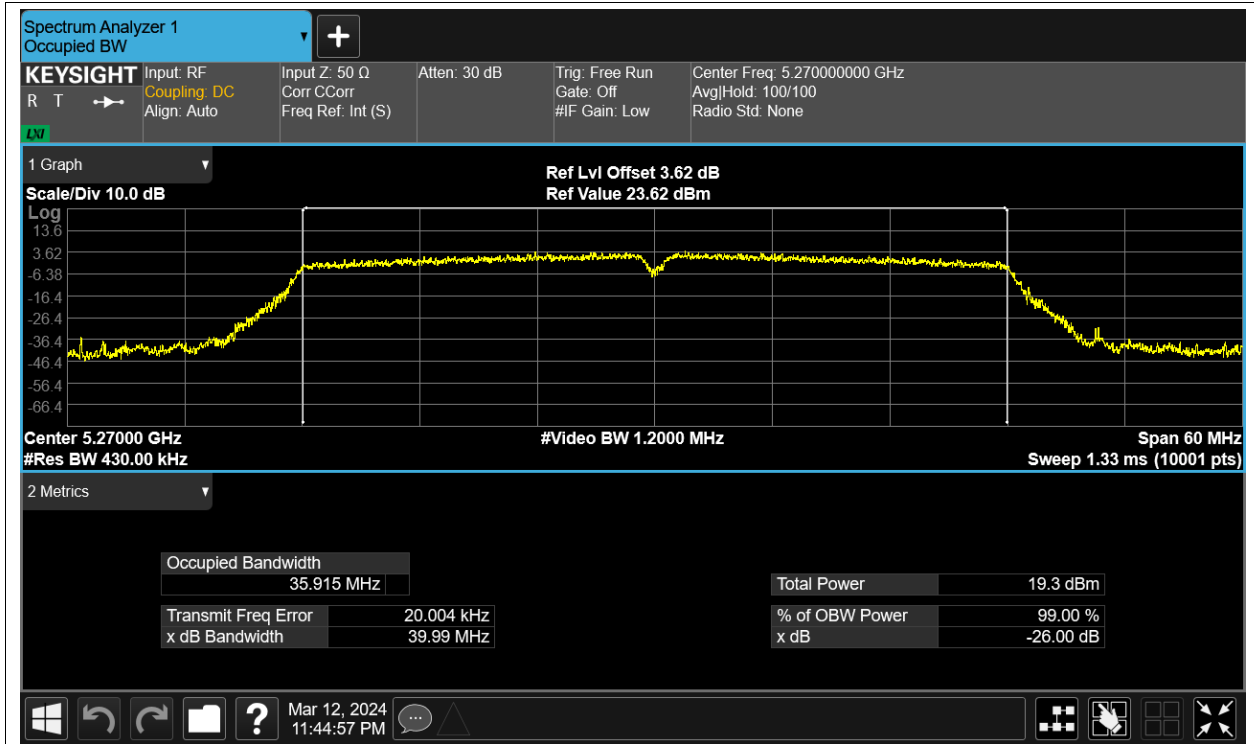
OBW NVNT ac20 5300MHz Ant1



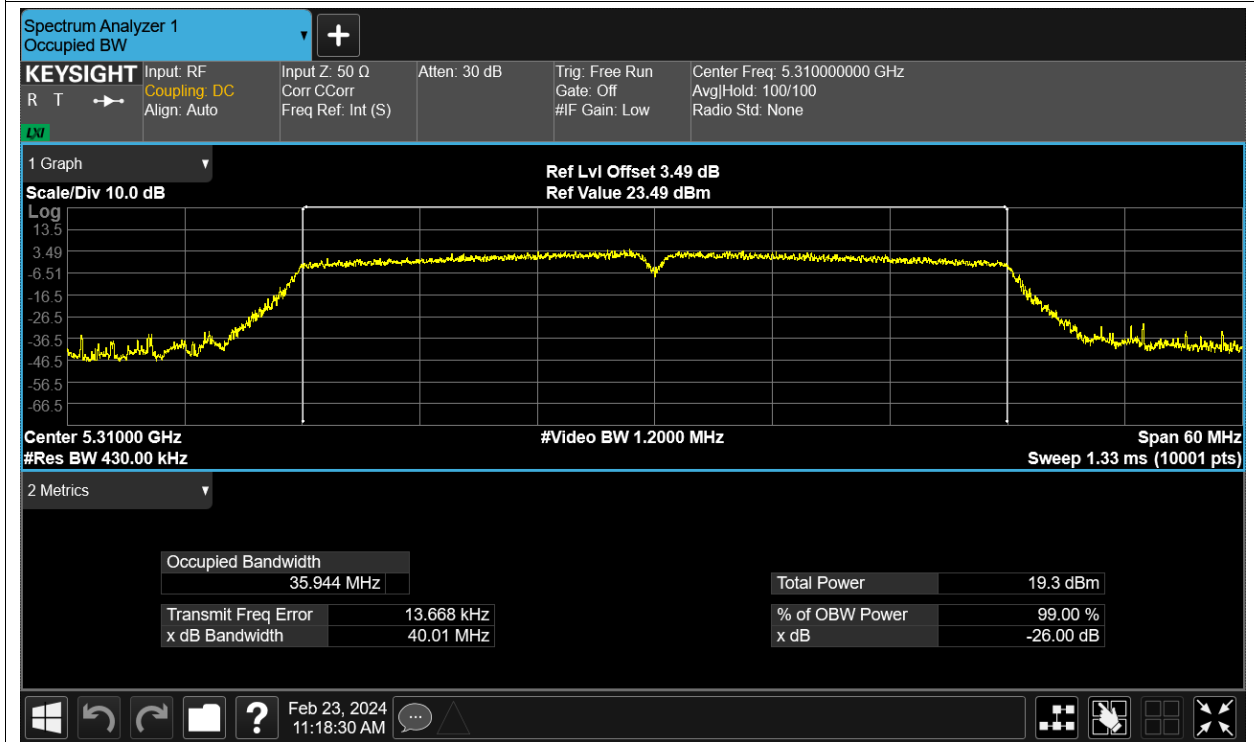
OBW NVNT ac20 5320MHz Ant1



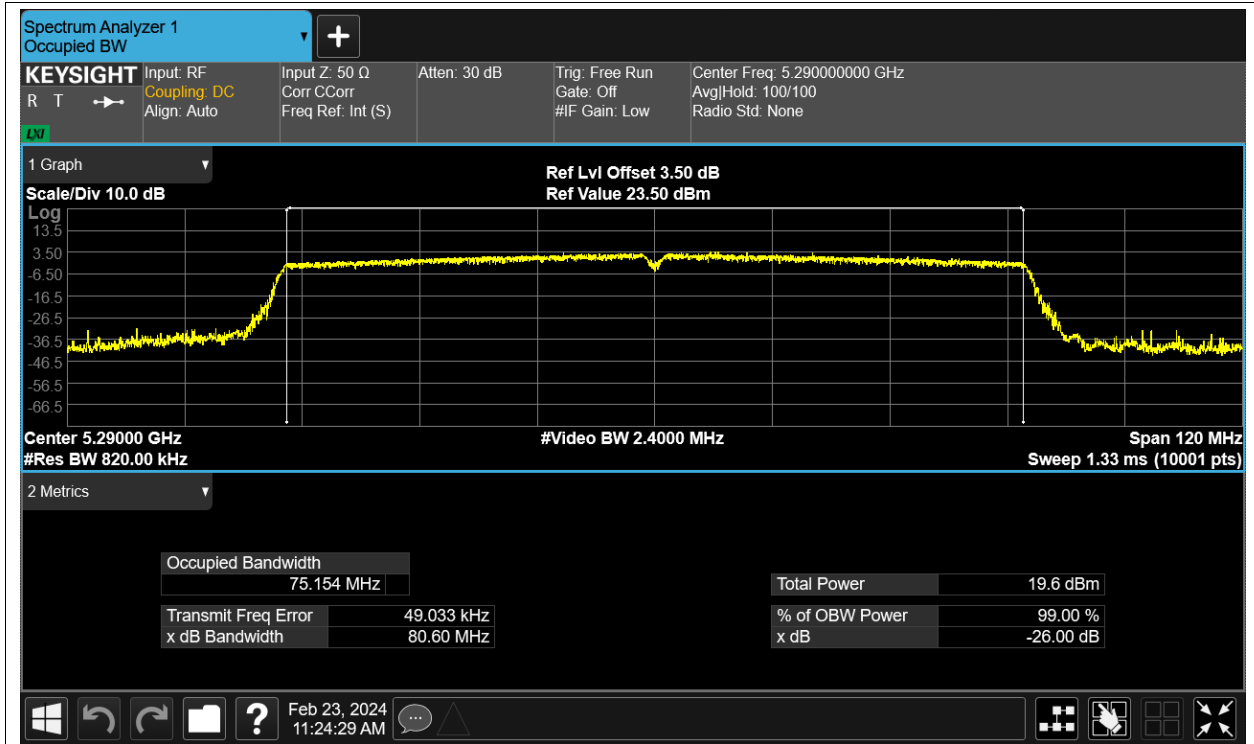
OBW NVNT ac40 5270MHz Ant1



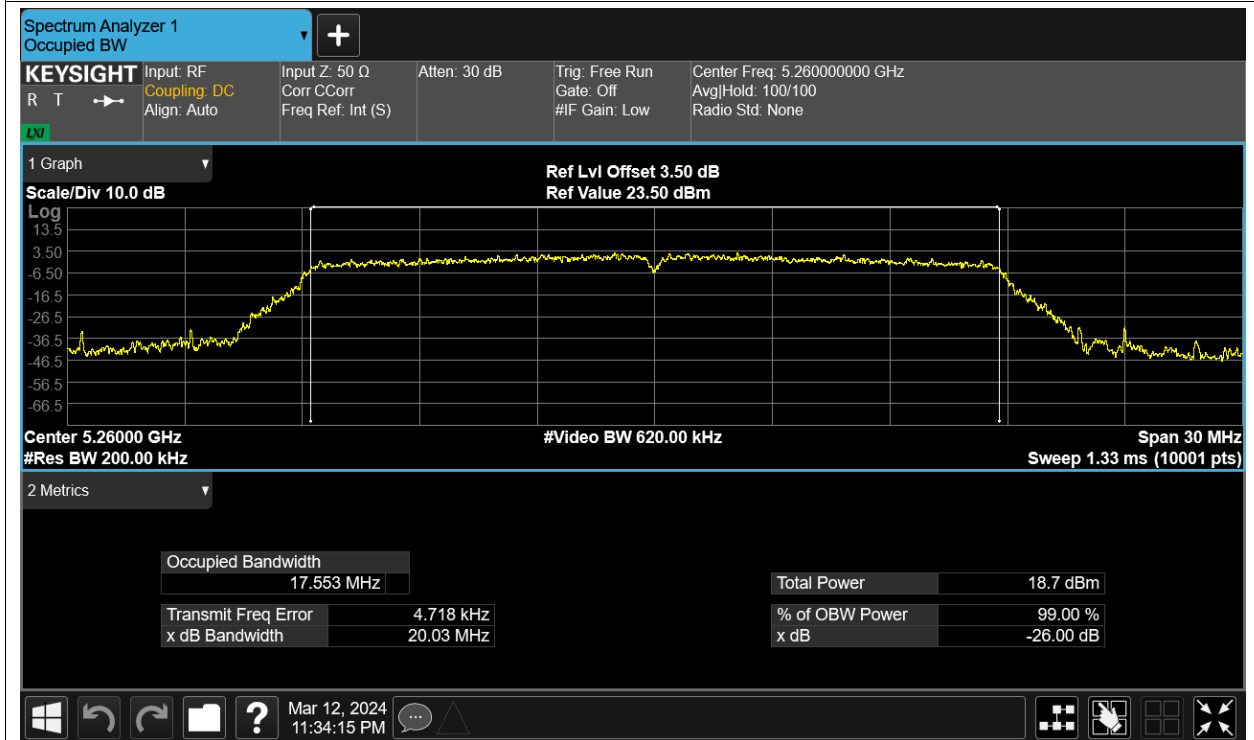
OBW NVNT ac40 5310MHz Ant1



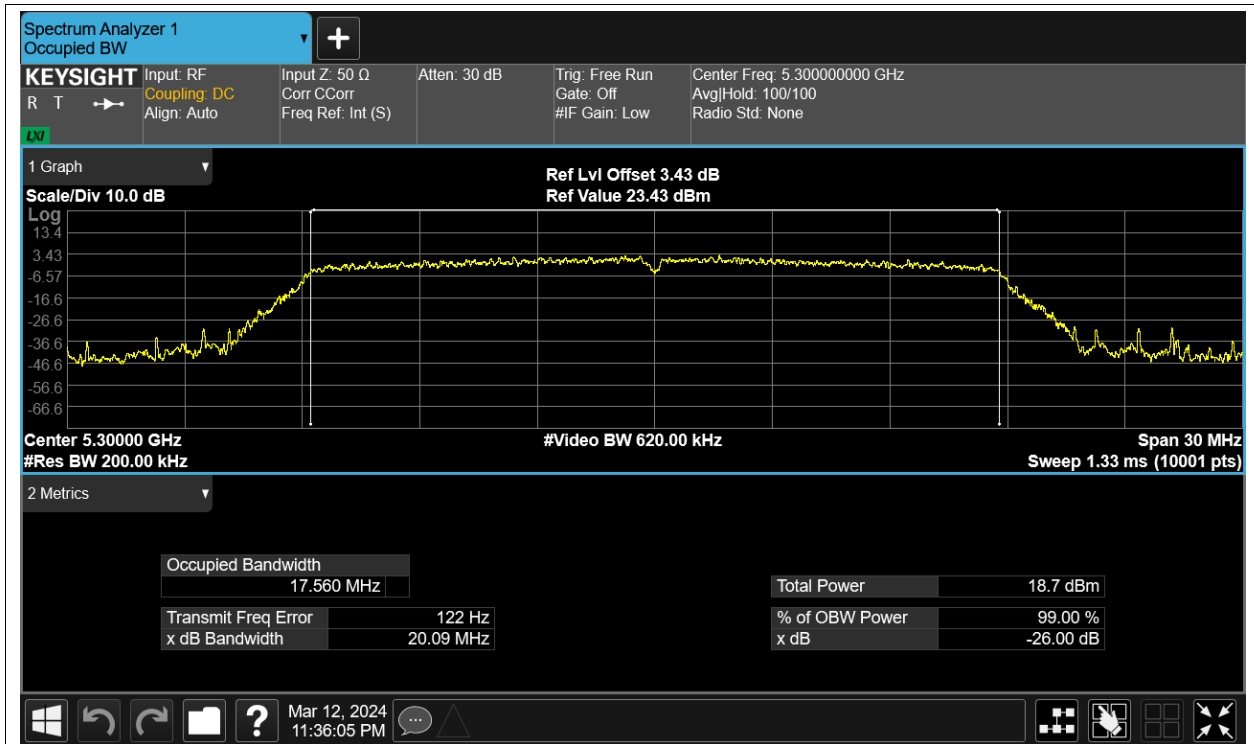
OBW NVNT ac80 5290MHz Ant1



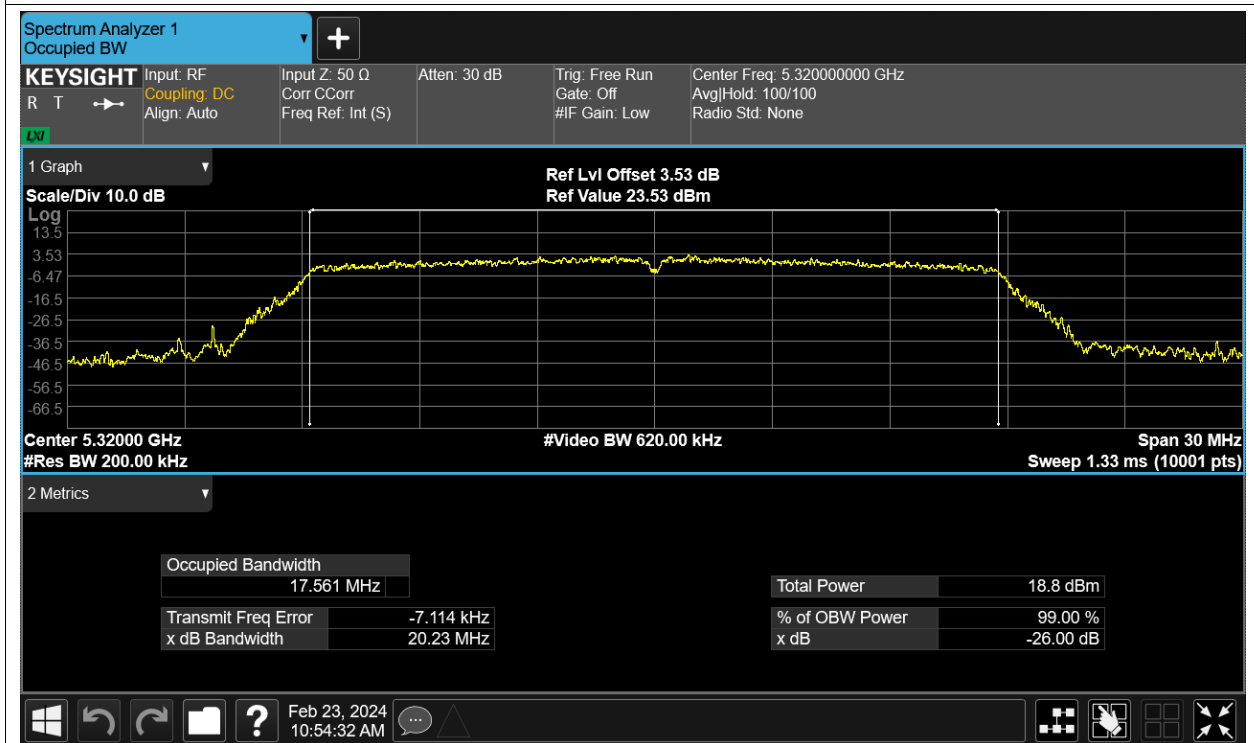
OBW NVNT n20 5260MHz Ant1



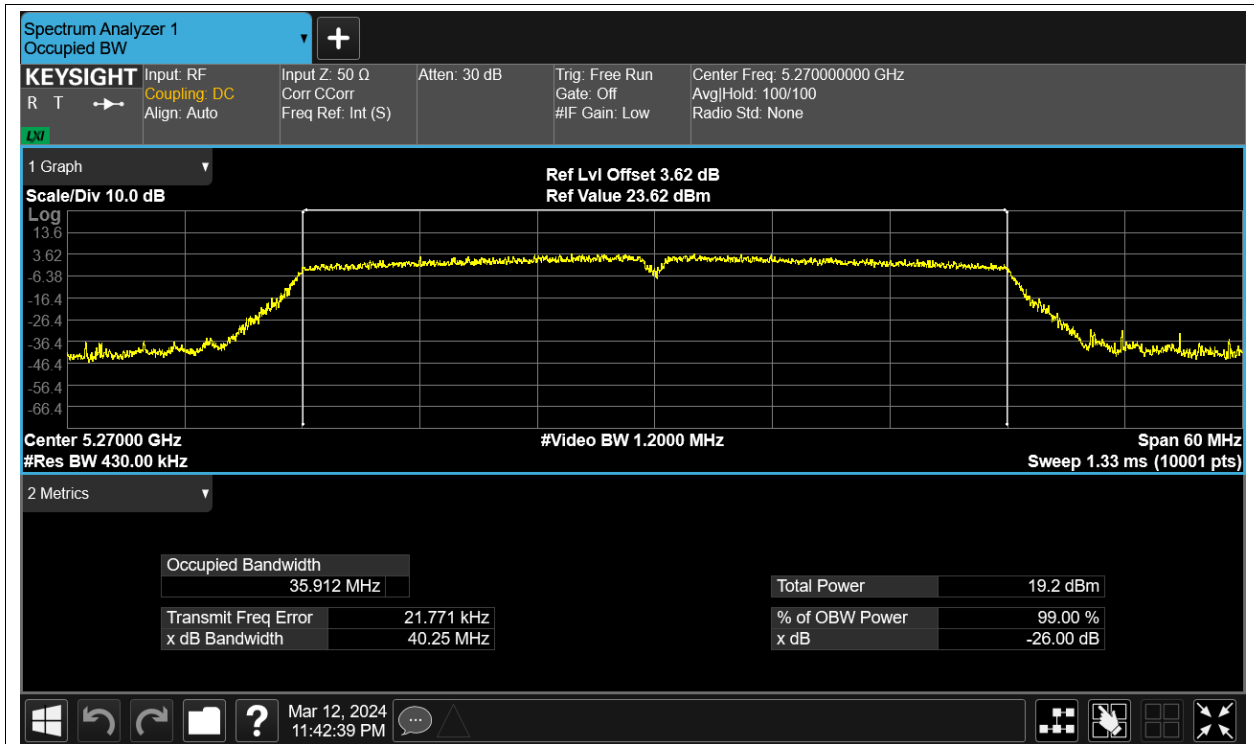
OBW NVNT n20 5300MHz Ant1



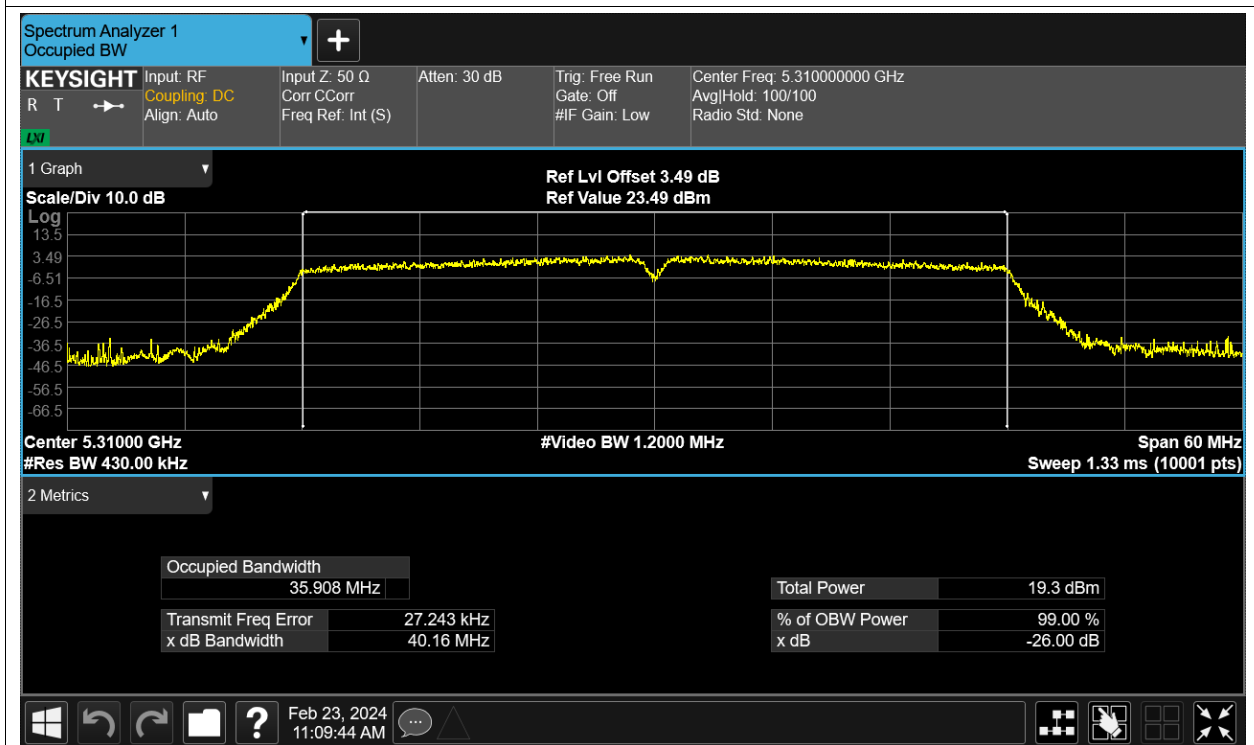
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1



Maximum Power Spectral Density Level

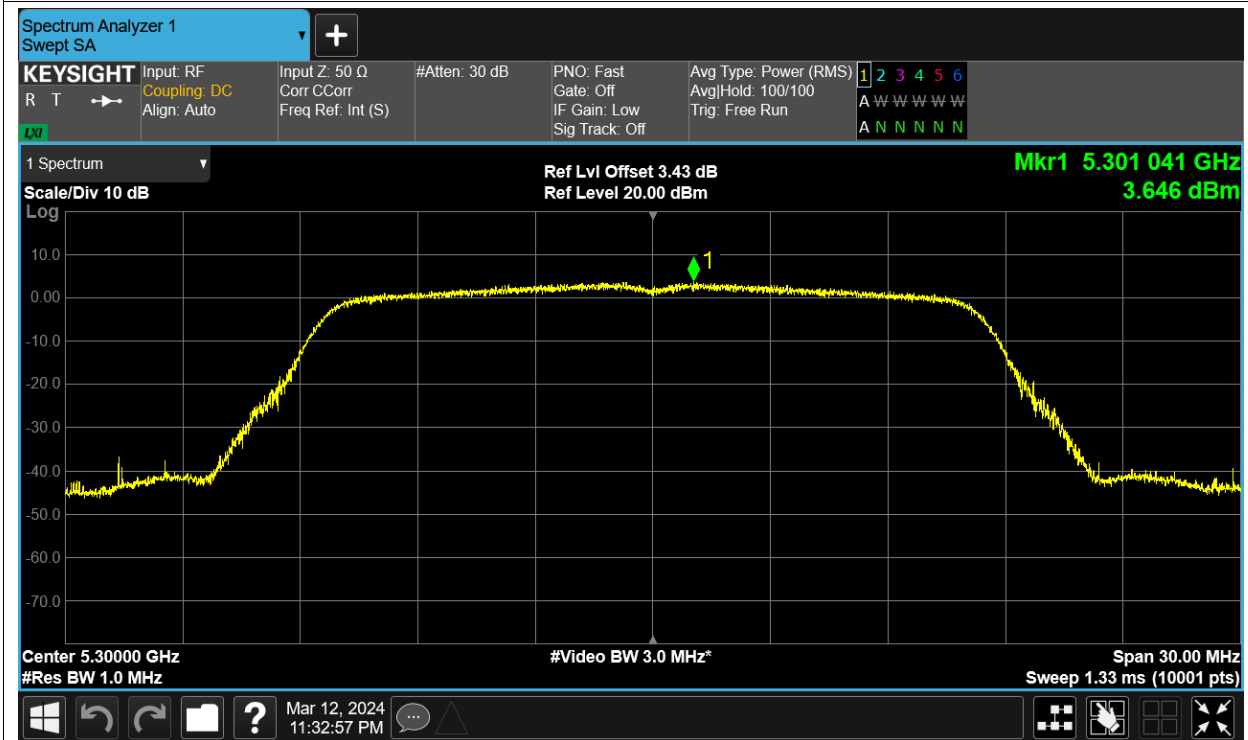
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	3.796	11	Pass
NVNT	a	5300	Ant1	3.646	11	Pass
NVNT	a	5320	Ant1	4.084	11	Pass
NVNT	ac20	5260	Ant1	3.181	11	Pass
NVNT	ac20	5300	Ant1	3.656	11	Pass
NVNT	ac20	5320	Ant1	3.464	11	Pass
NVNT	ac40	5270	Ant1	0.968	11	Pass
NVNT	ac40	5310	Ant1	0.876	11	Pass
NVNT	ac80	5290	Ant1	-2.916	11	Pass
NVNT	n20	5260	Ant1	3.346	11	Pass
NVNT	n20	5300	Ant1	3.352	11	Pass
NVNT	n20	5320	Ant1	3.579	11	Pass
NVNT	n40	5270	Ant1	1.151	11	Pass
NVNT	n40	5310	Ant1	0.889	11	Pass

Test Graphs

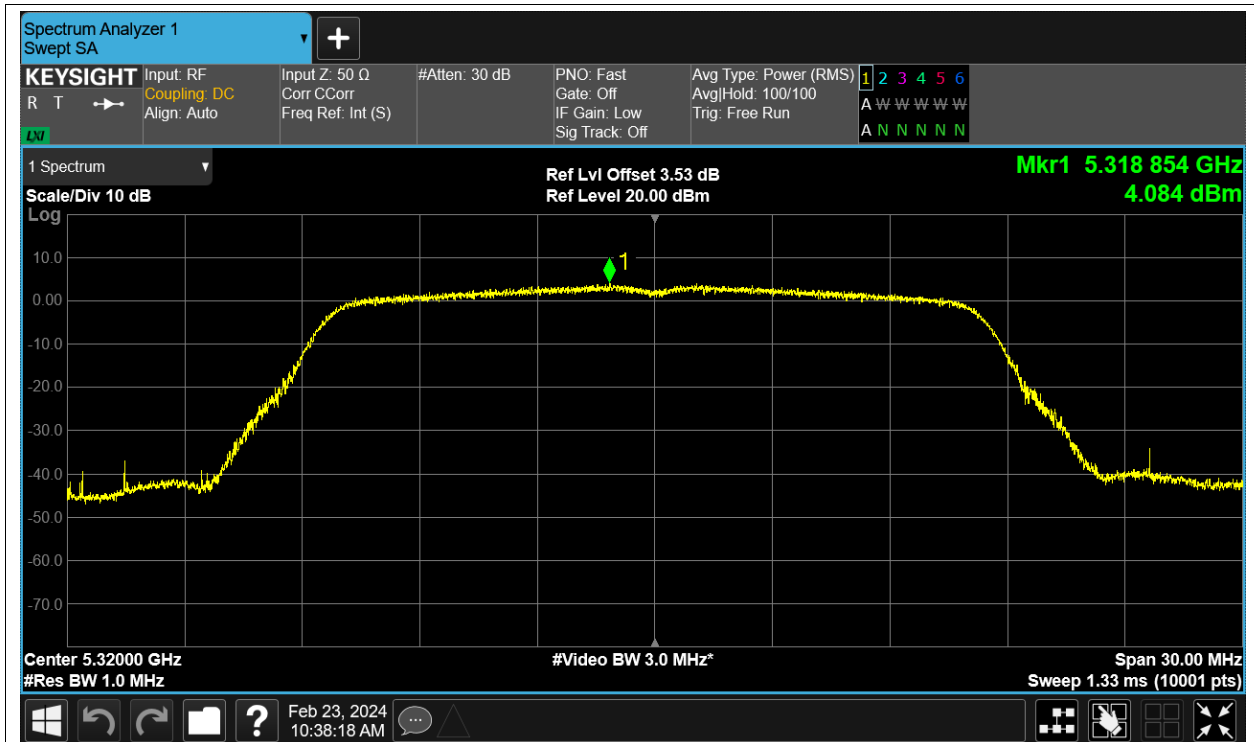
PSD NVNT a 5260MHz Ant1



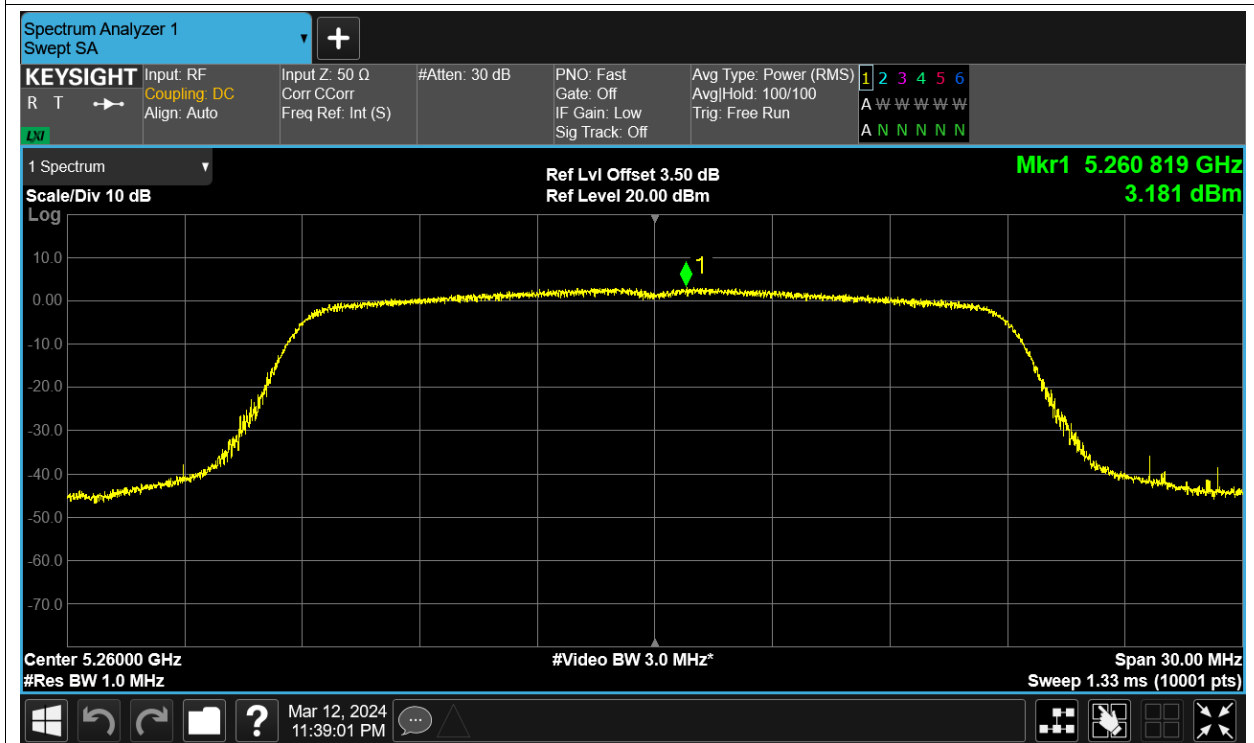
PSD NVNT a 5300MHz Ant1



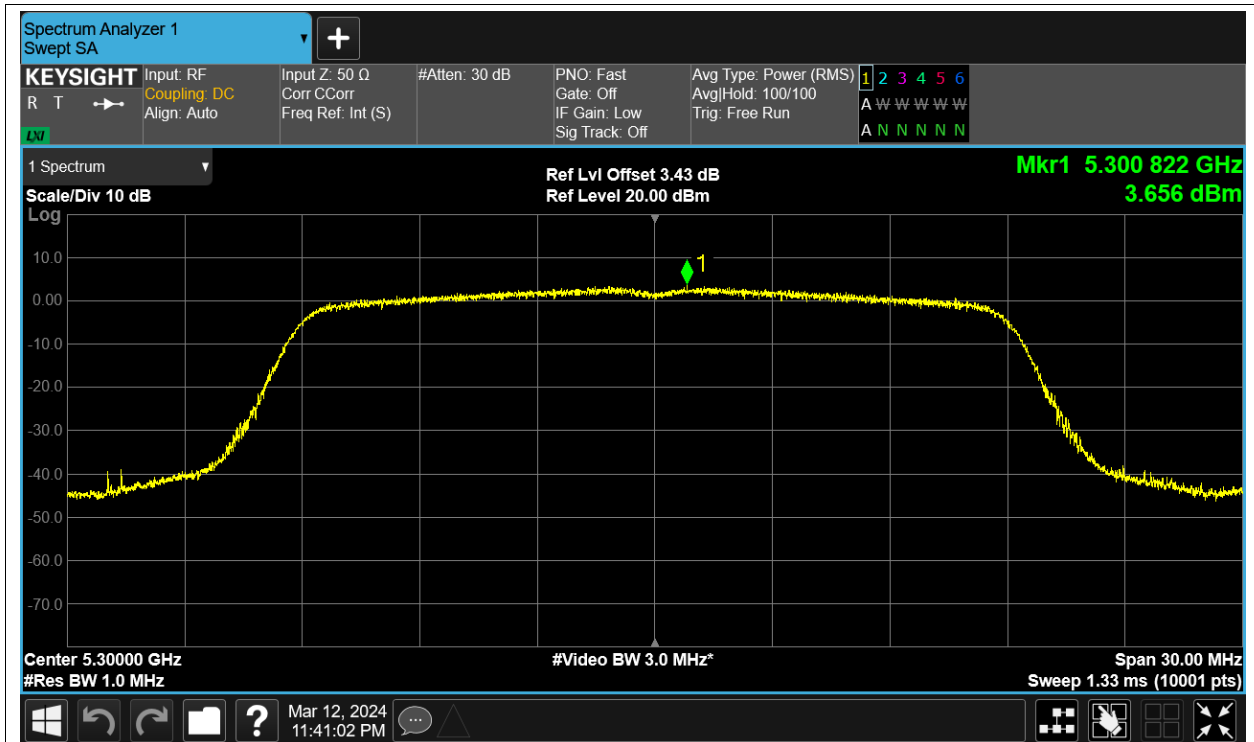
PSD NVNT a 5320MHz Ant1



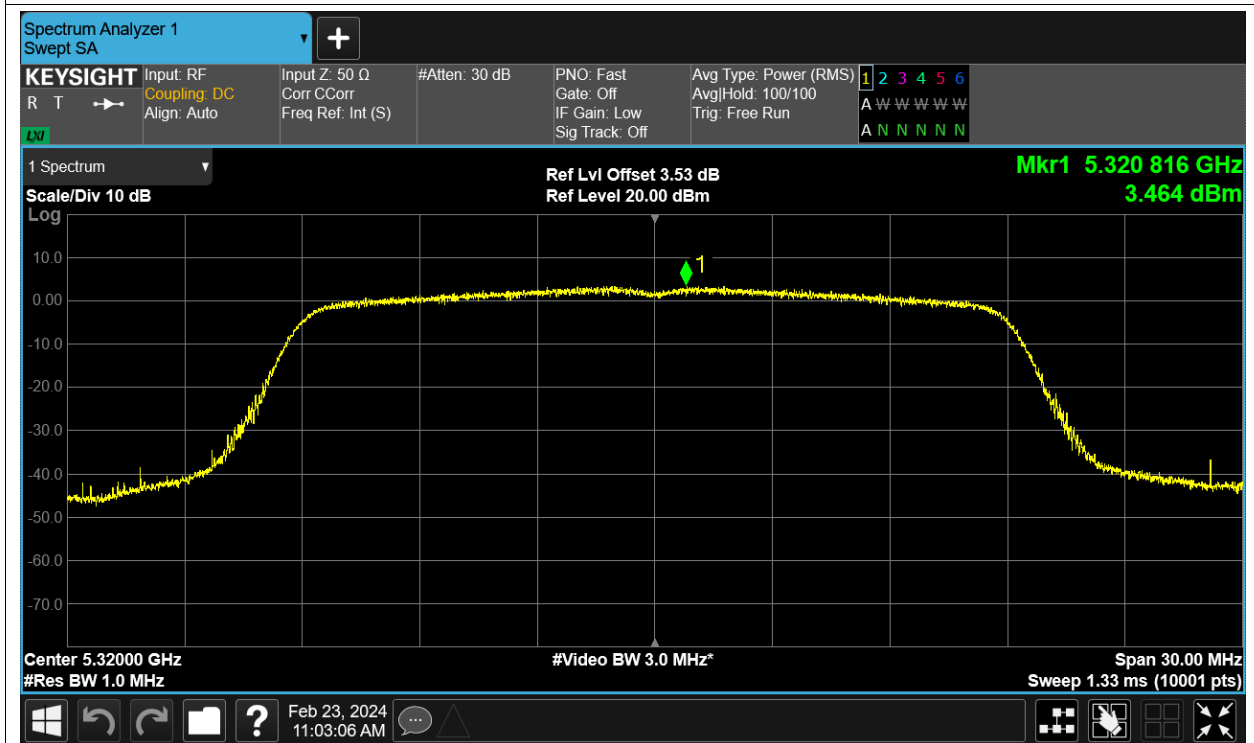
PSD NVNT ac20 5260MHz Ant1



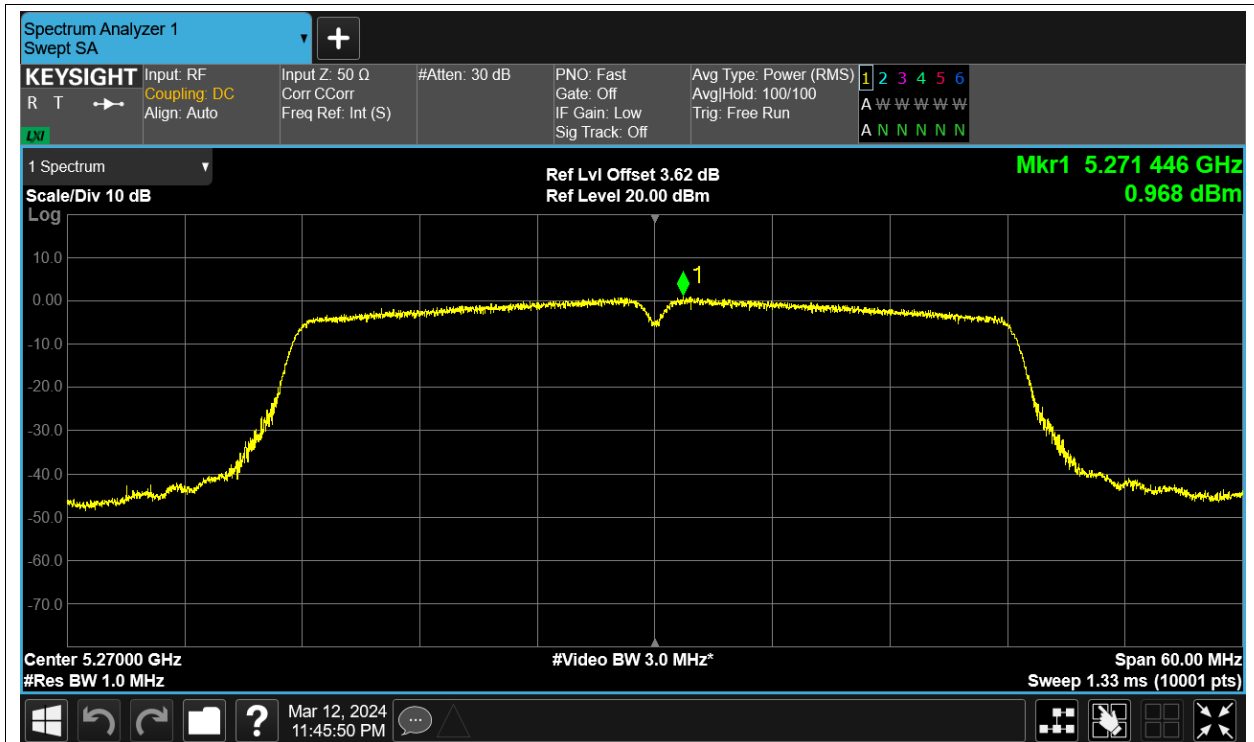
PSD NVNT ac20 5300MHz Ant1



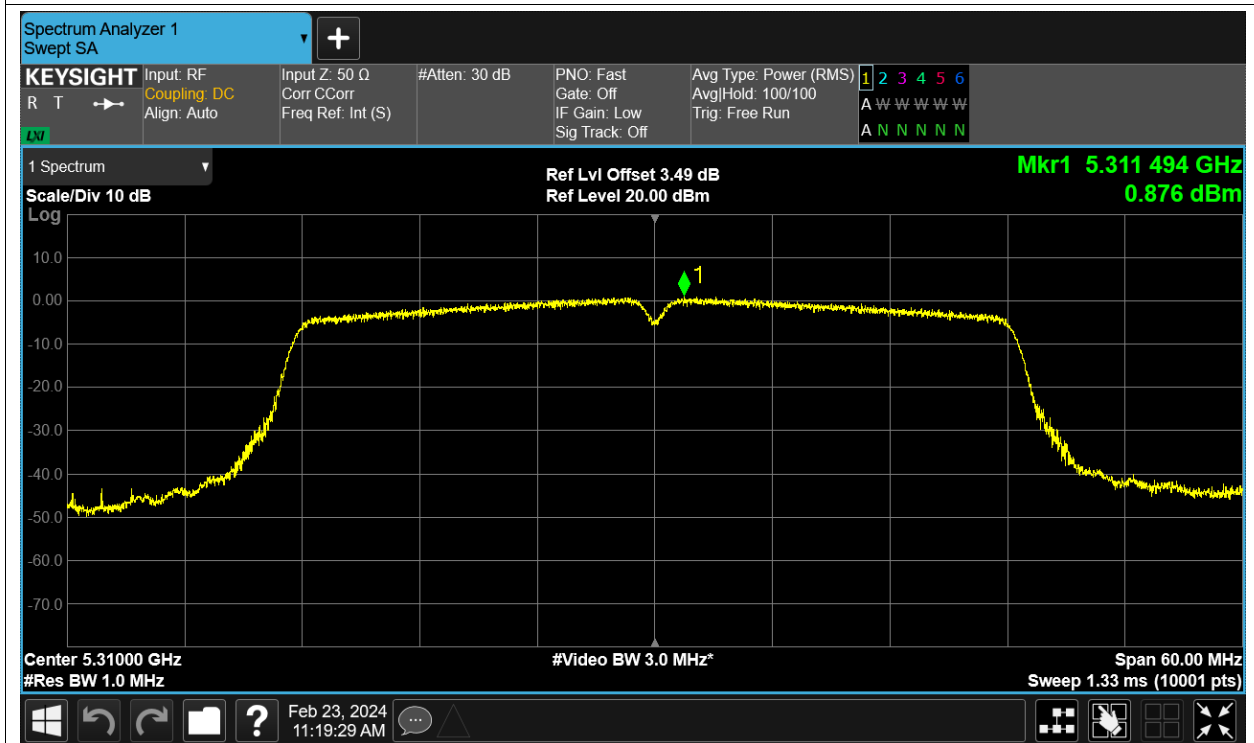
PSD NVNT ac20 5320MHz Ant1



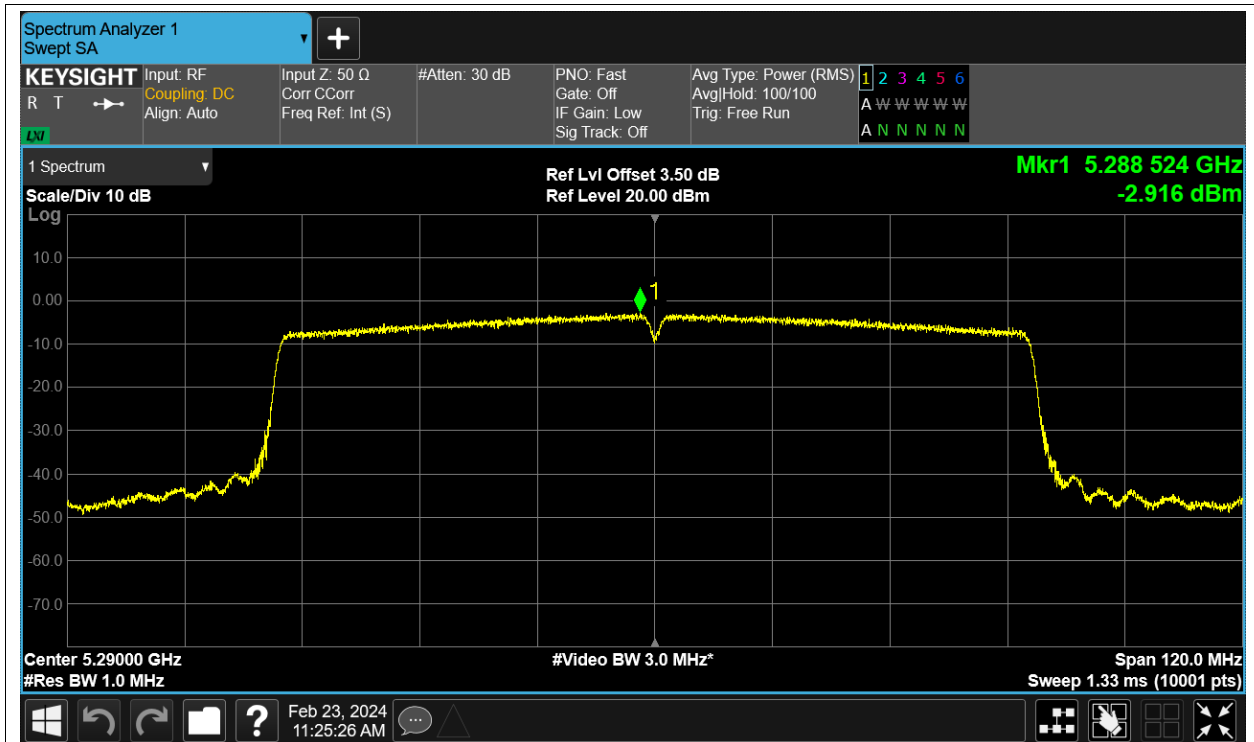
PSD NVNT ac40 5270MHz Ant1



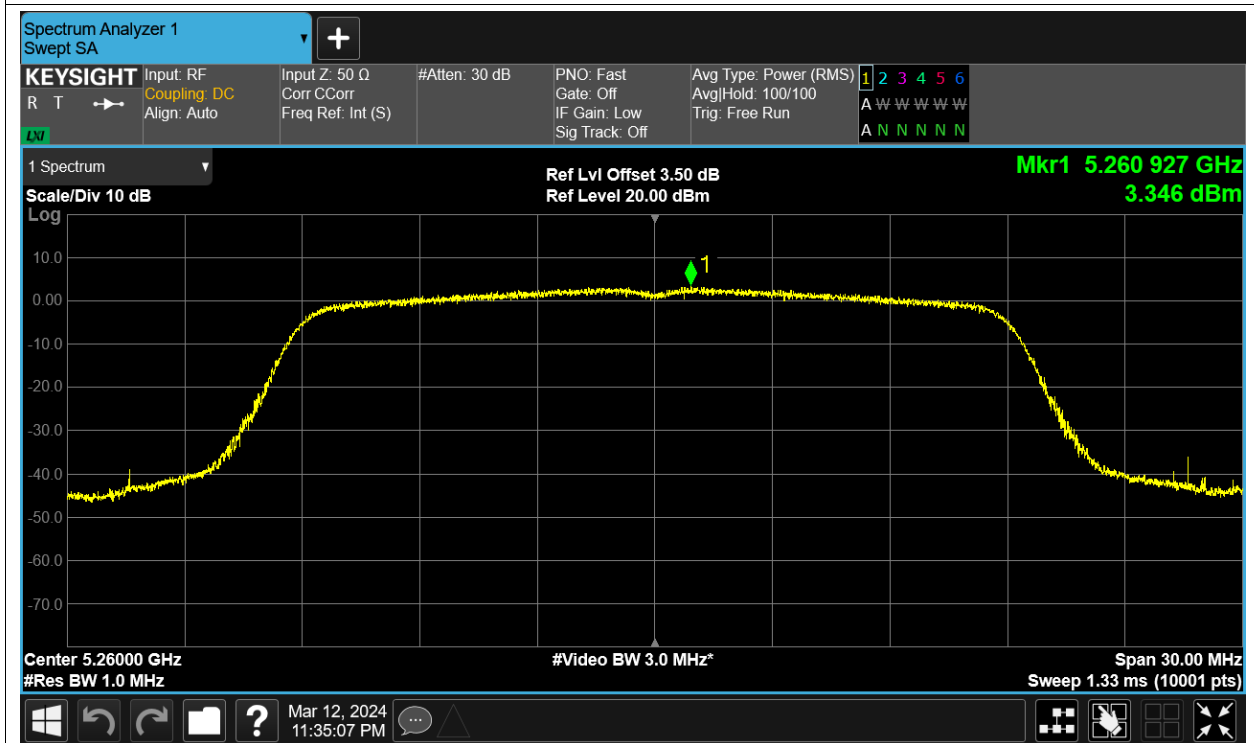
PSD NVNT ac40 5310MHz Ant1



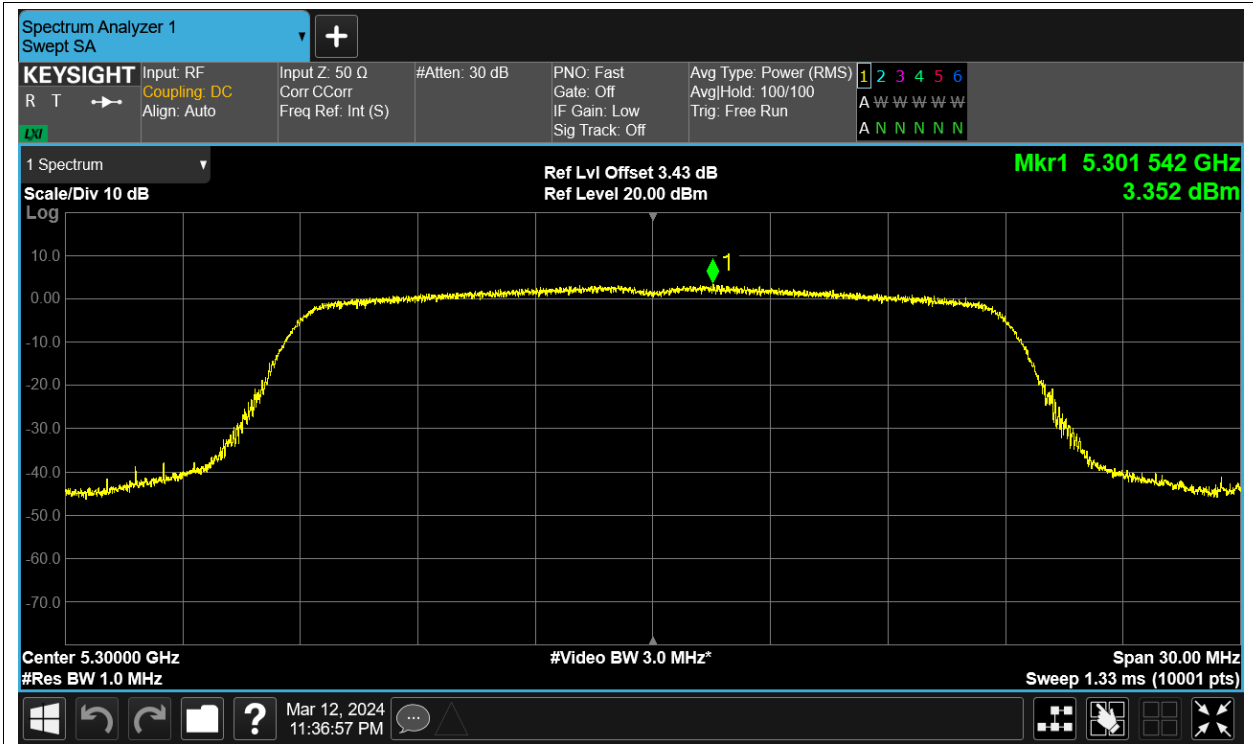
PSD NVNT ac80 5290MHz Ant1



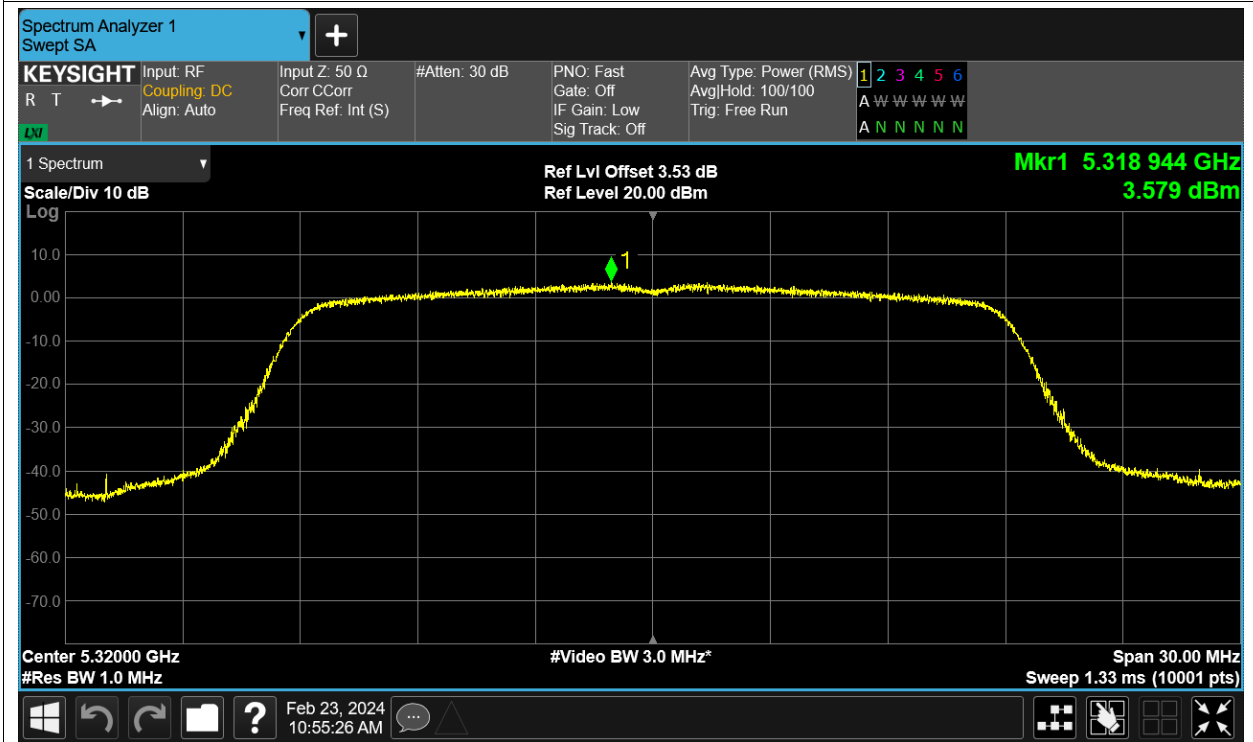
PSD NVNT n20 5260MHz Ant1



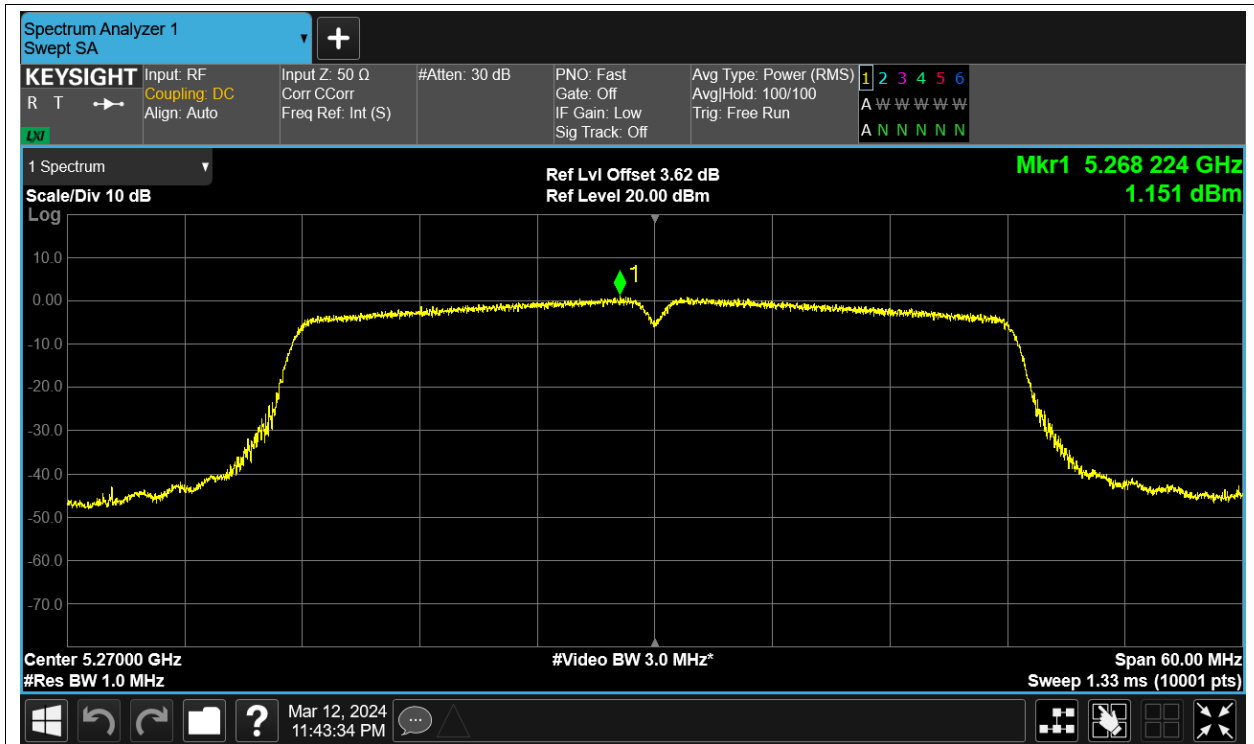
PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

