

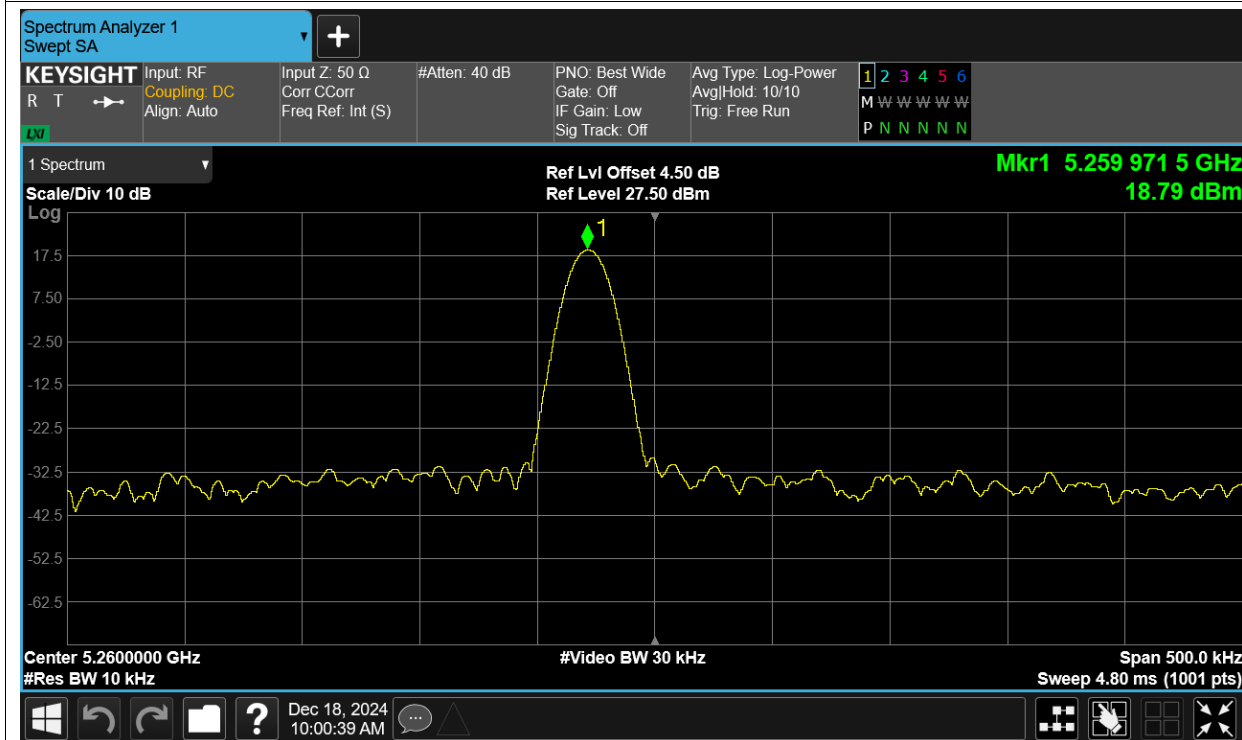
Test Data

Frequency Stability

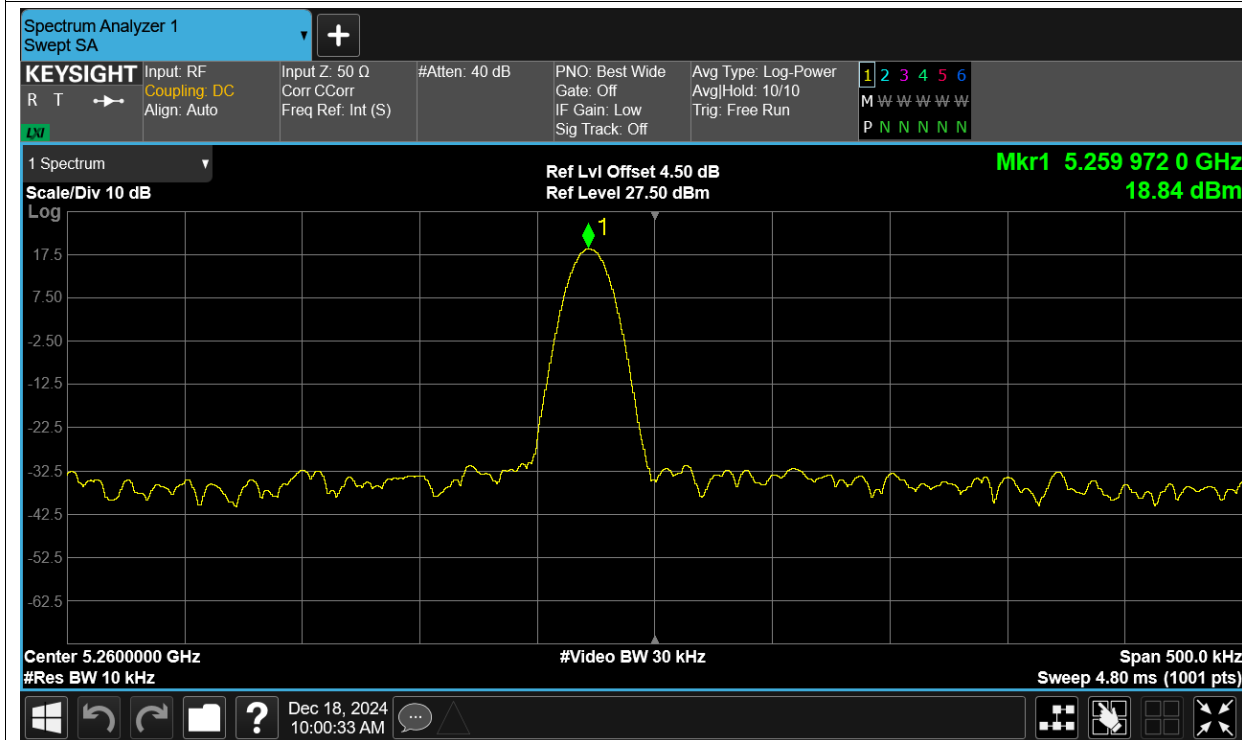
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant13	5259.9715	-5.42	Within authorized band	Pass
LVNT	a	5260	Ant13	5259.972	-5.32		Pass
NVHT	a	5260	Ant13	5259.973	-5.13		Pass
NVLT	a	5260	Ant13	5259.973	-5.13		Pass
NVNT	a	5260	Ant13	5259.973	-5.13		Pass
HVNT	ac80	5290	Ant13	5289.968	-6.05		Pass
LVNT	ac80	5290	Ant13	5289.968	-6.05		Pass
NVHT	ac80	5290	Ant13	5289.9675	-6.14		Pass
NVLT	ac80	5290	Ant13	5289.9675	-6.14		Pass
NVNT	ac80	5290	Ant13	5289.9675	-6.14		Pass
HVNT	n40	5270	Ant13	5269.969	-5.88		Pass
LVNT	n40	5270	Ant13	5269.9695	-5.79		Pass
NVHT	n40	5270	Ant13	5269.969	-5.88		Pass
NVLT	n40	5270	Ant13	5269.969	-5.88		Pass
NVNT	n40	5270	Ant13	5269.969	-5.88		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

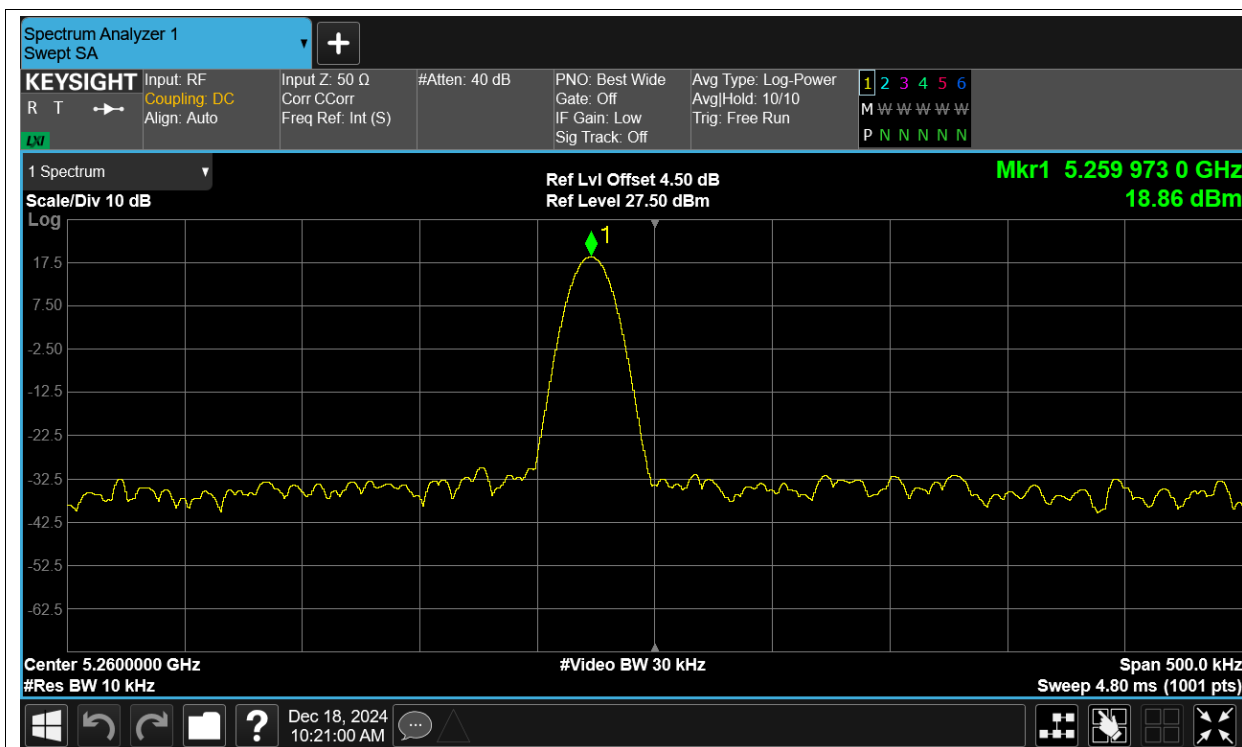
Freq. Stability HVNT a 5260MHz Ant13



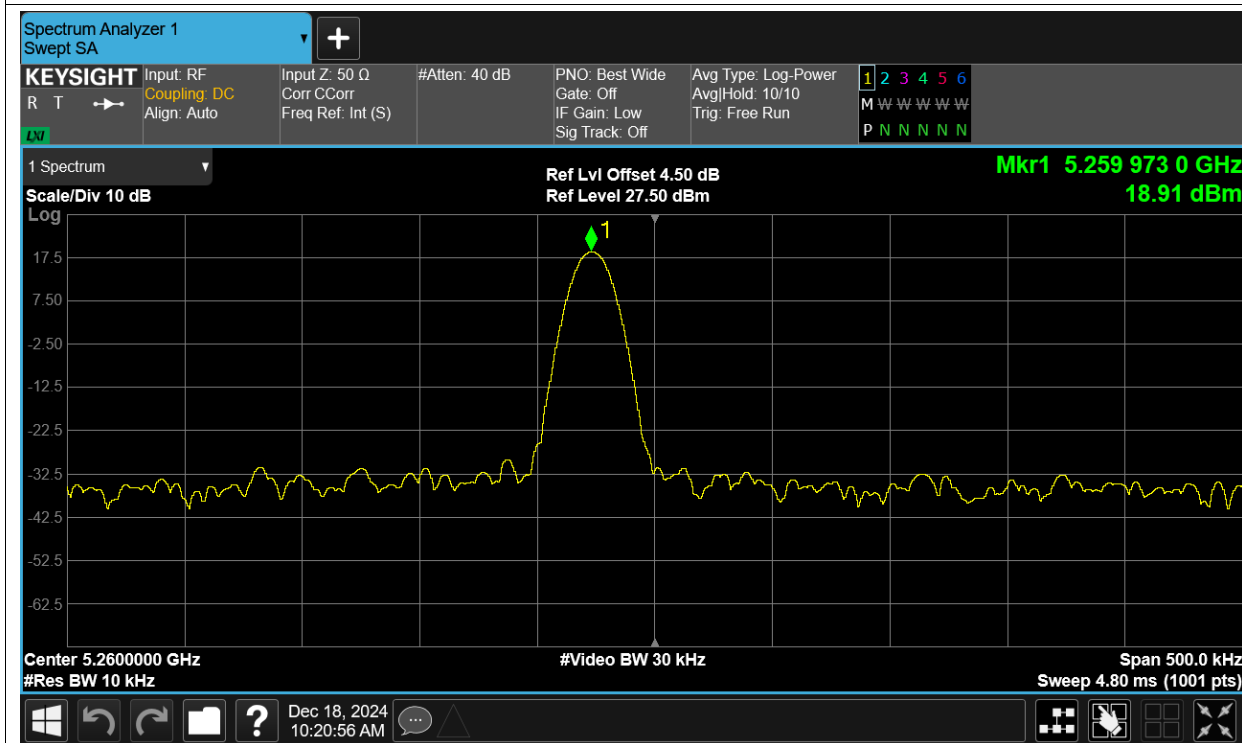
Freq. Stability LVNT a 5260MHz Ant13



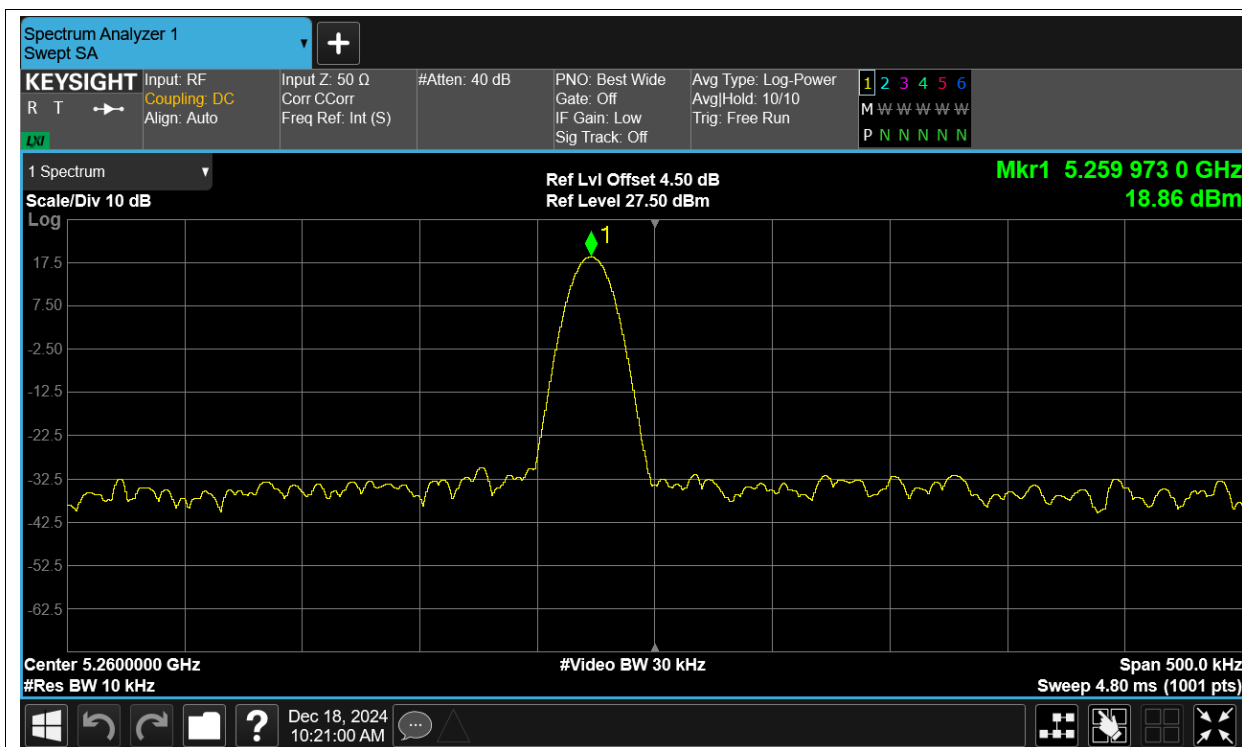
Freq. Stability NVHT a 5260MHz Ant13



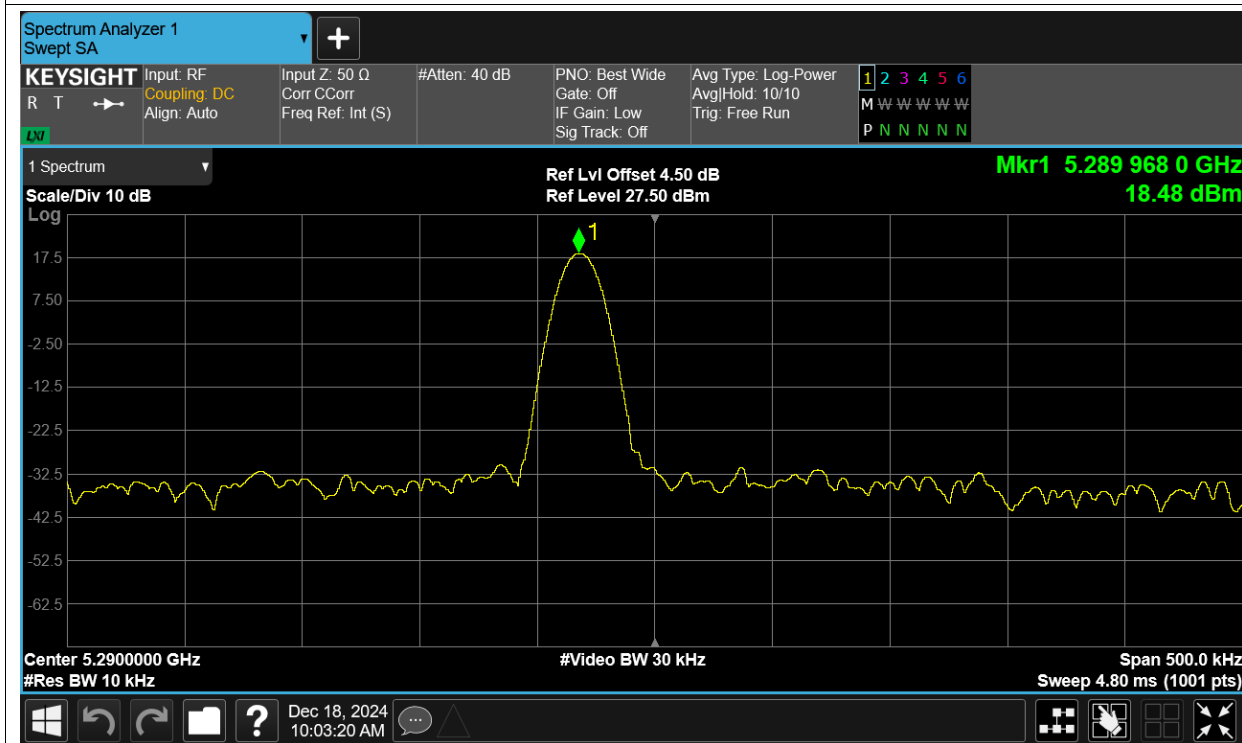
Freq. Stability NVLT a 5260MHz Ant13



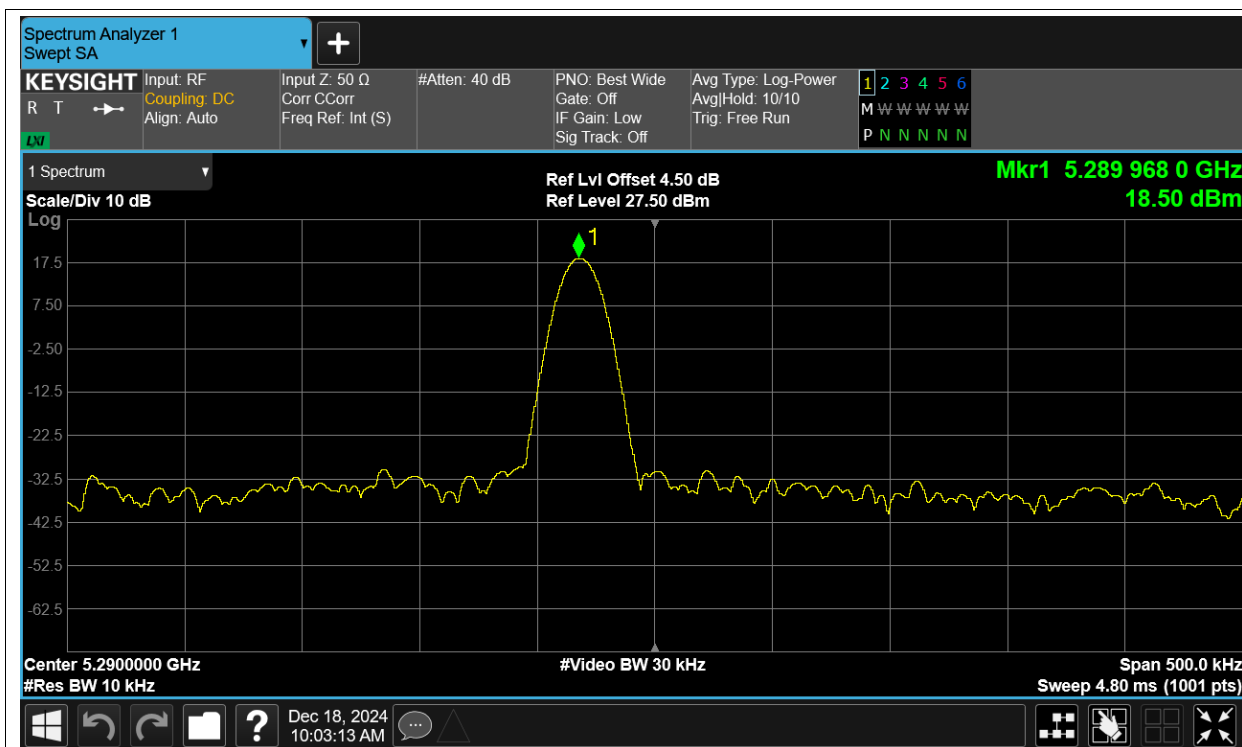
Freq. Stability NVNT a 5260MHz Ant13



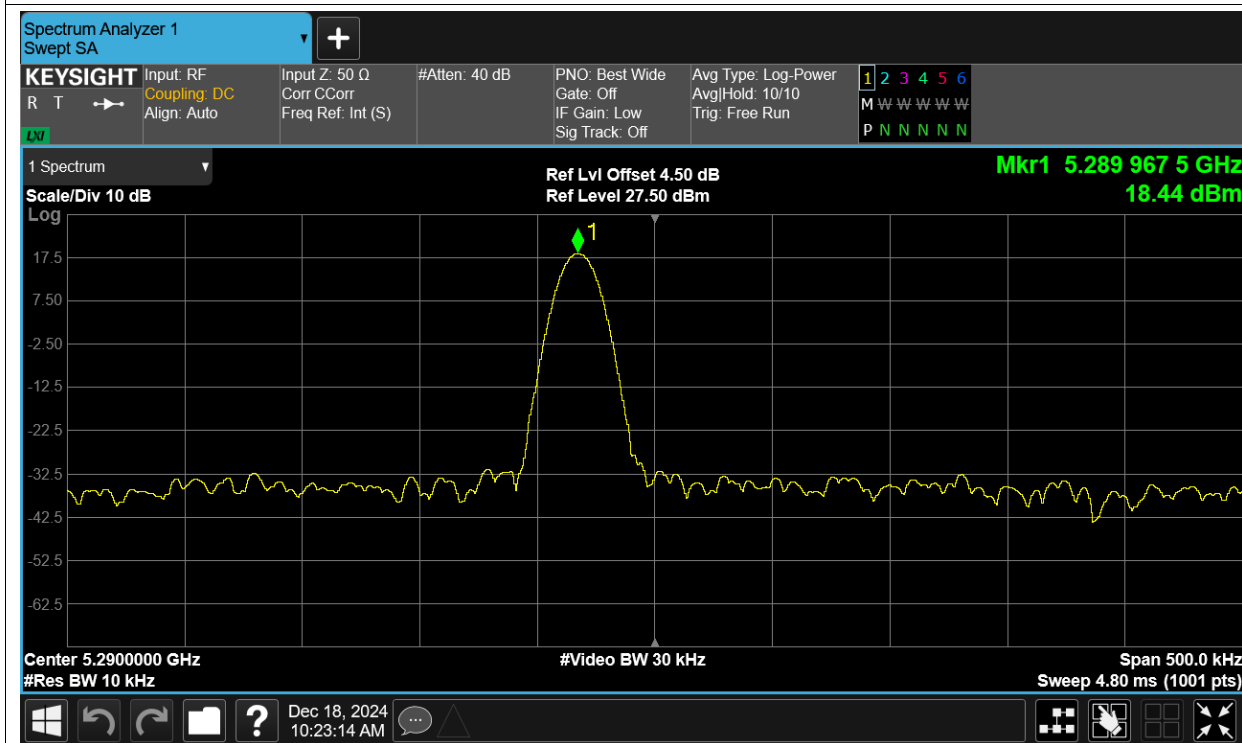
Freq. Stability HVNT ac80 5290MHz Ant13



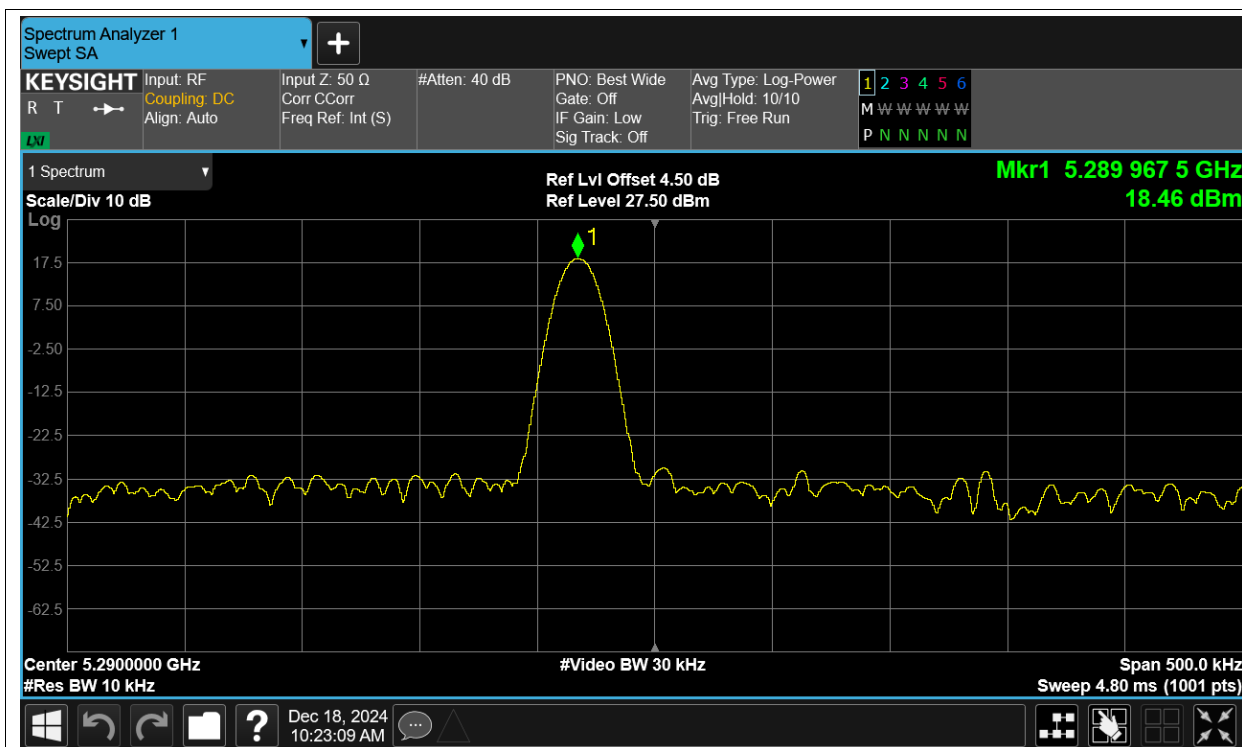
Freq. Stability LVNT ac80 5290MHz Ant13



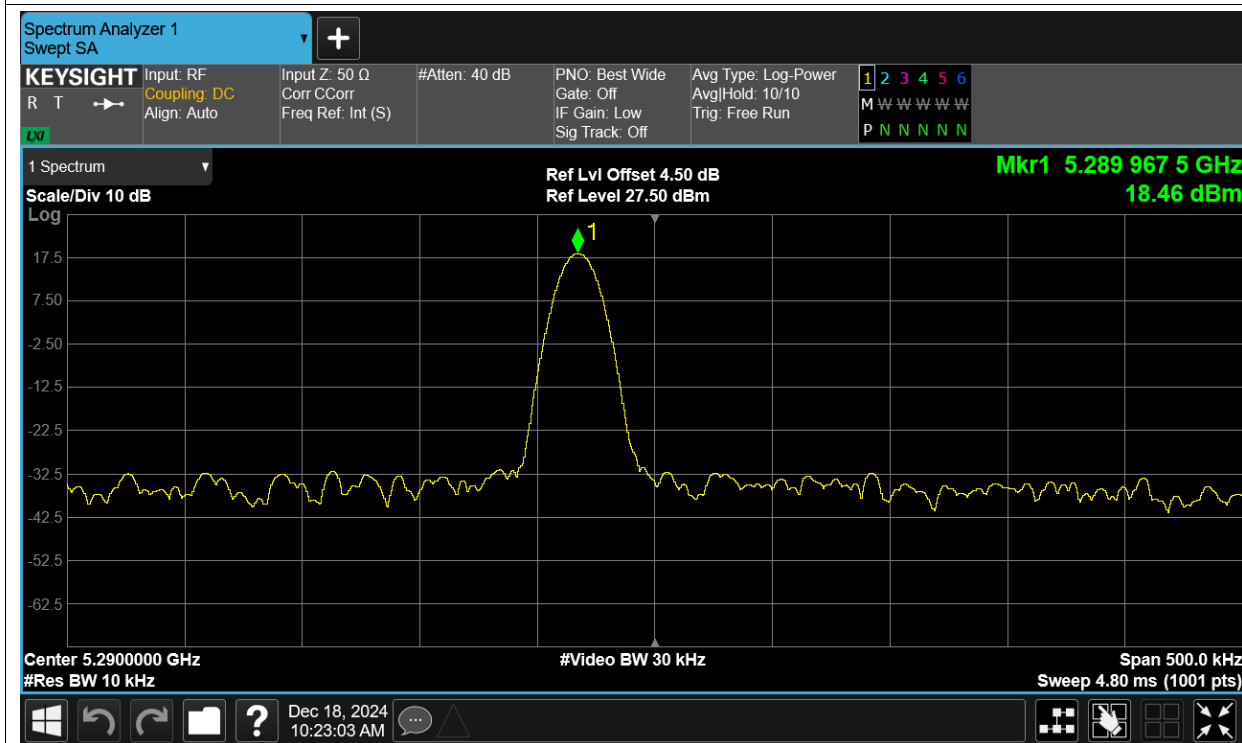
Freq. Stability NVHT ac80 5290MHz Ant13



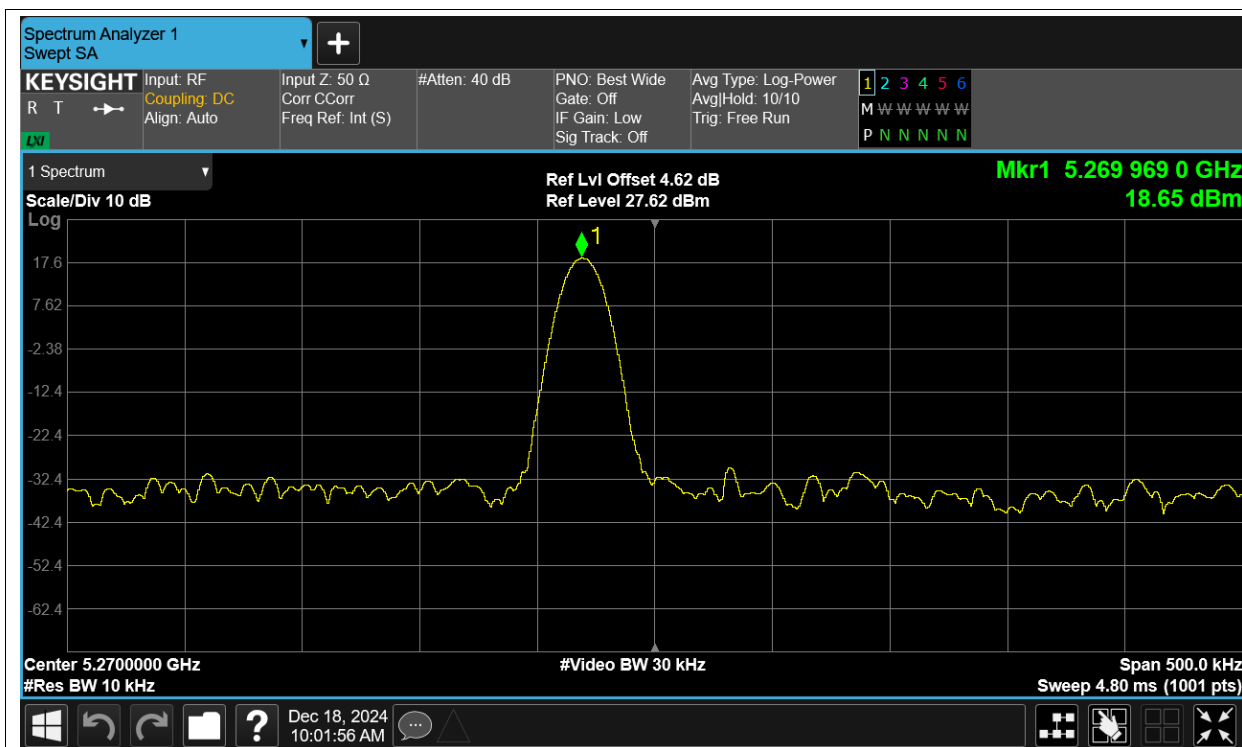
Freq. Stability NVLT ac80 5290MHz Ant13



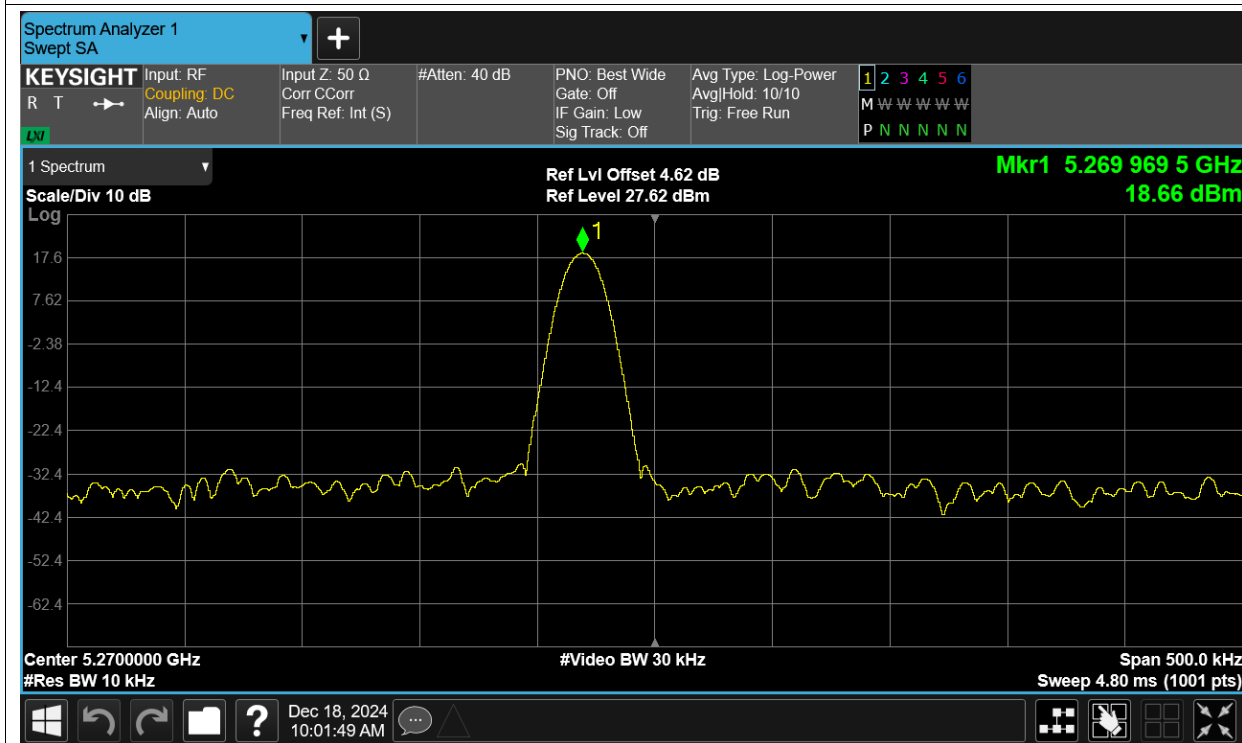
Freq. Stability NVNT ac80 5290MHz Ant13



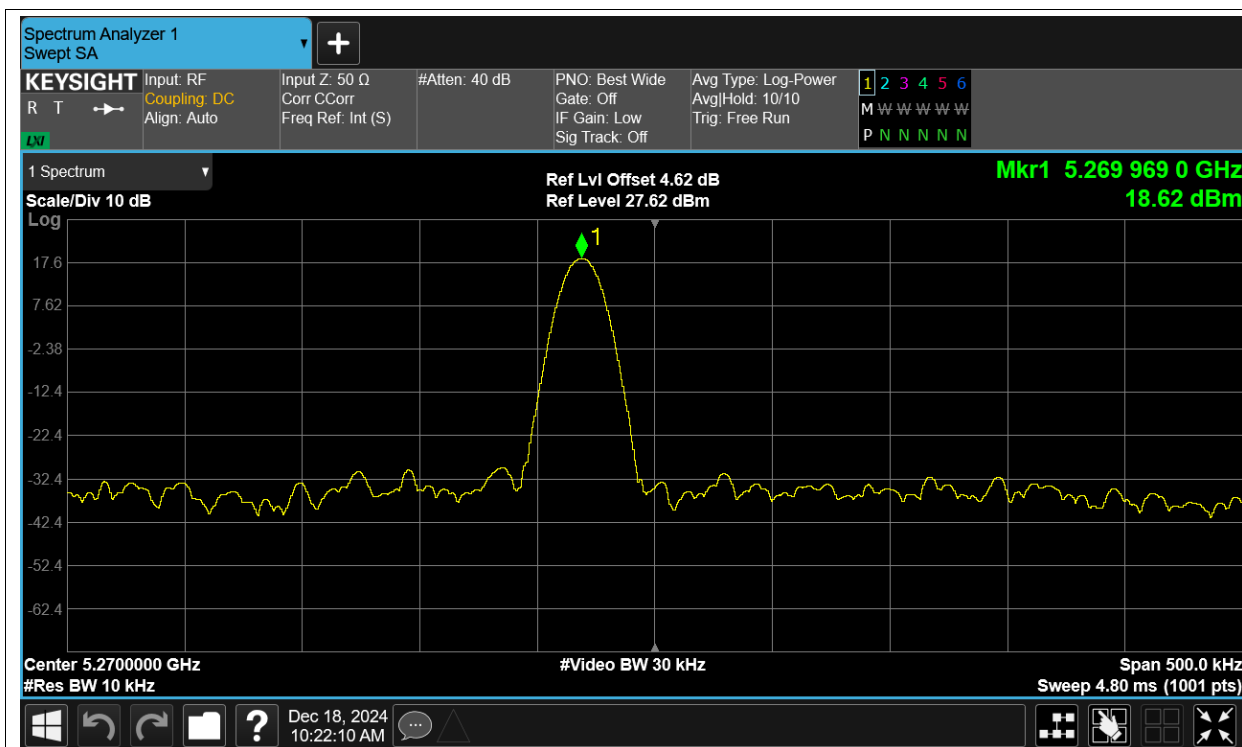
Freq. Stability HVNT n40 5270MHz Ant13



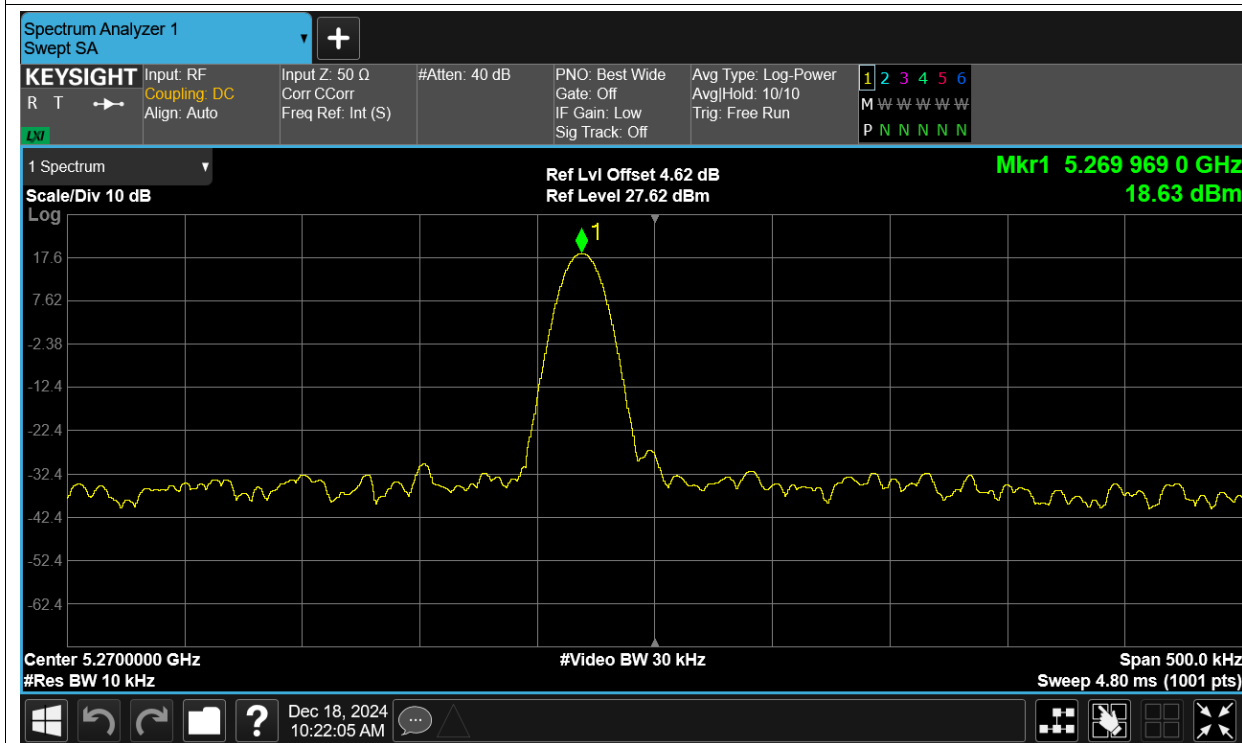
Freq. Stability LVNT n40 5270MHz Ant13



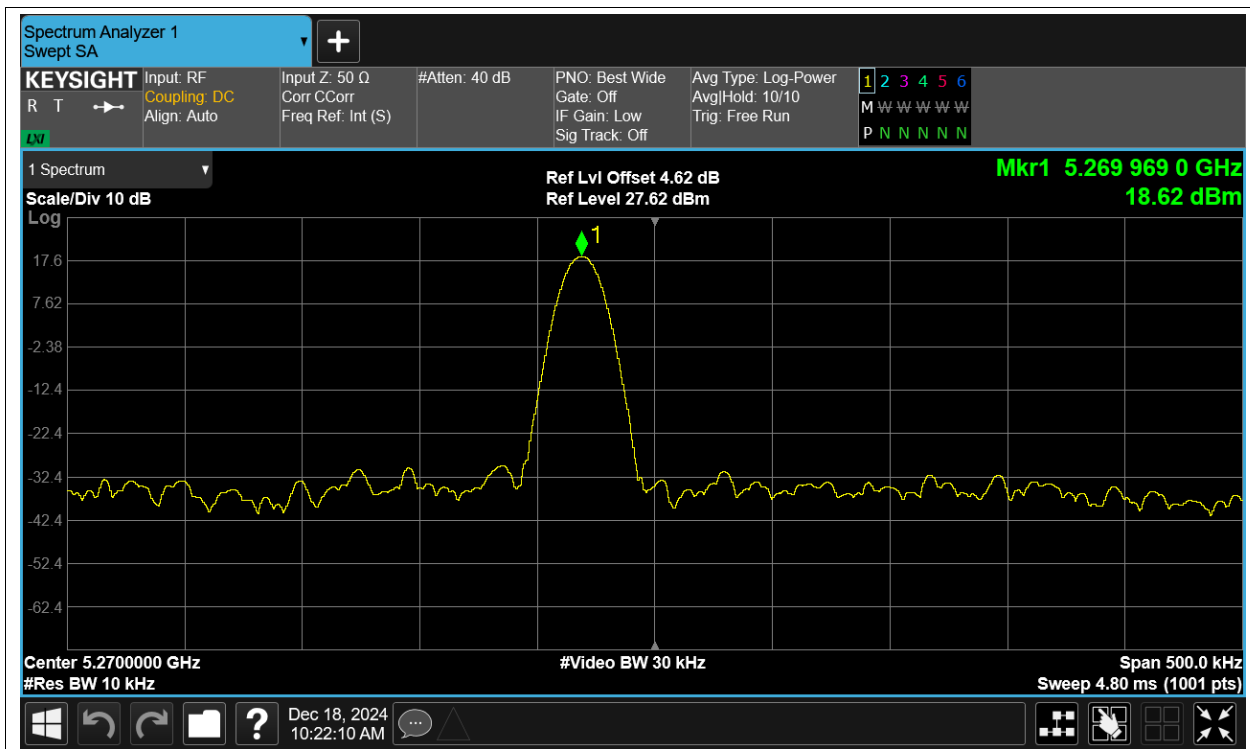
Freq. Stability NVHT n40 5270MHz Ant13



Freq. Stability NVLT n40 5270MHz Ant13



Freq. Stability NVNT n40 5270MHz Ant13

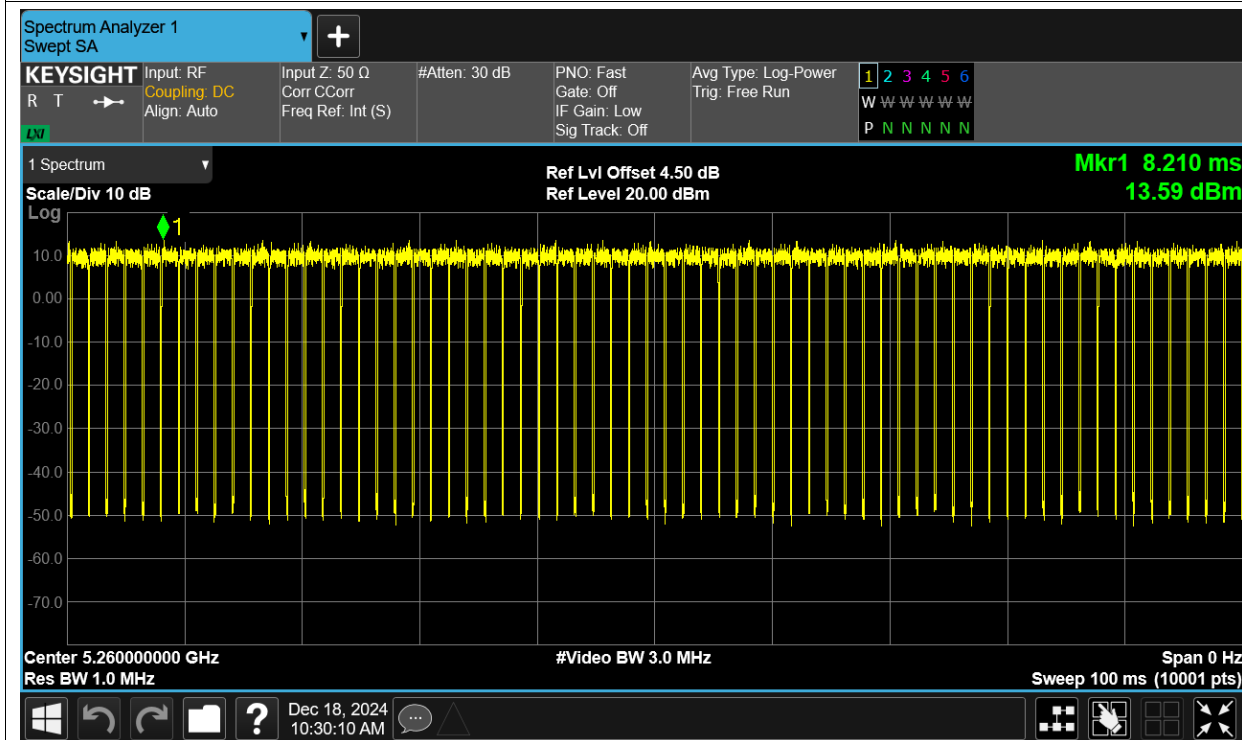


Duty Cycle

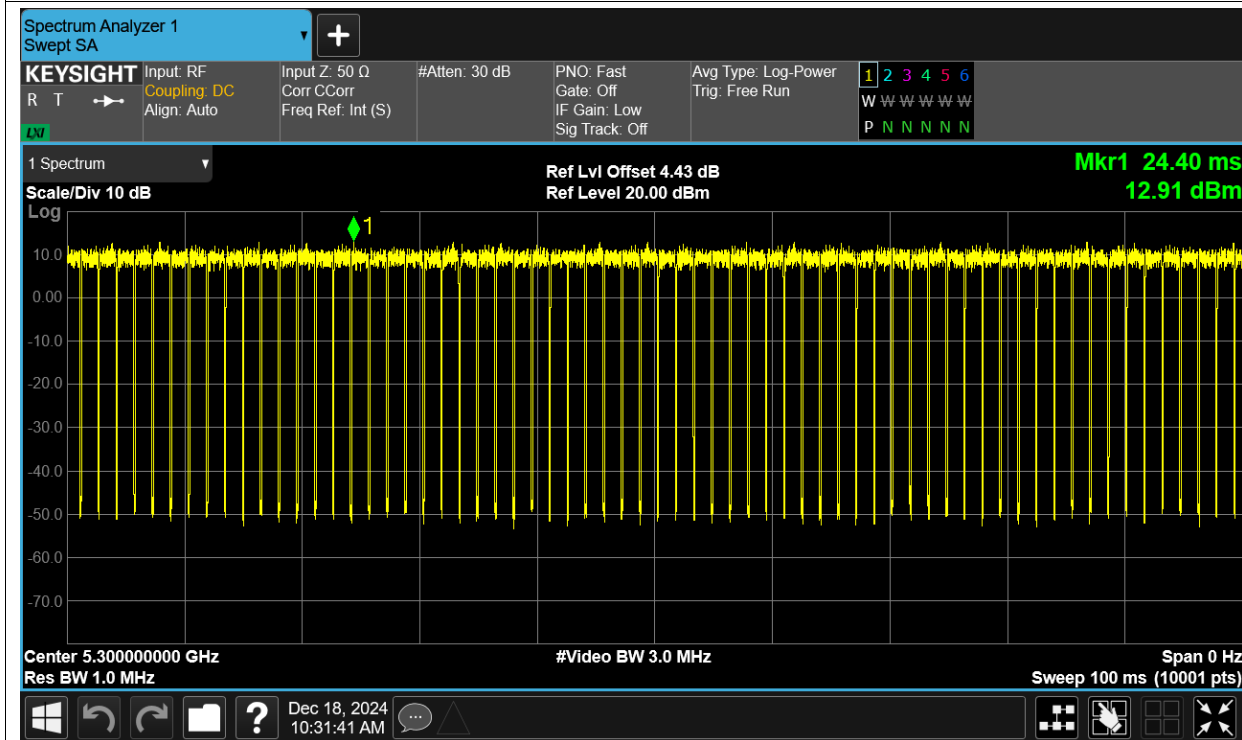
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant13	91.45	0.39
NVNT	a	5300	Ant13	91.56	0.38
NVNT	a	5320	Ant13	91.44	0.39
NVNT	ac20	5260	Ant13	89.99	0.46
NVNT	ac20	5300	Ant13	89.9	0.46
NVNT	ac20	5320	Ant13	90.02	0.46
NVNT	ac40	5270	Ant13	82.56	0.83
NVNT	ac40	5310	Ant13	82.48	0.84
NVNT	ac80	5290	Ant13	71.31	1.47
NVNT	n20	5260	Ant13	90.02	0.46
NVNT	n20	5300	Ant13	90.11	0.45
NVNT	n20	5320	Ant13	90	0.46
NVNT	n40	5270	Ant13	82.63	0.83
NVNT	n40	5310	Ant13	82.28	0.85

Test Graphs

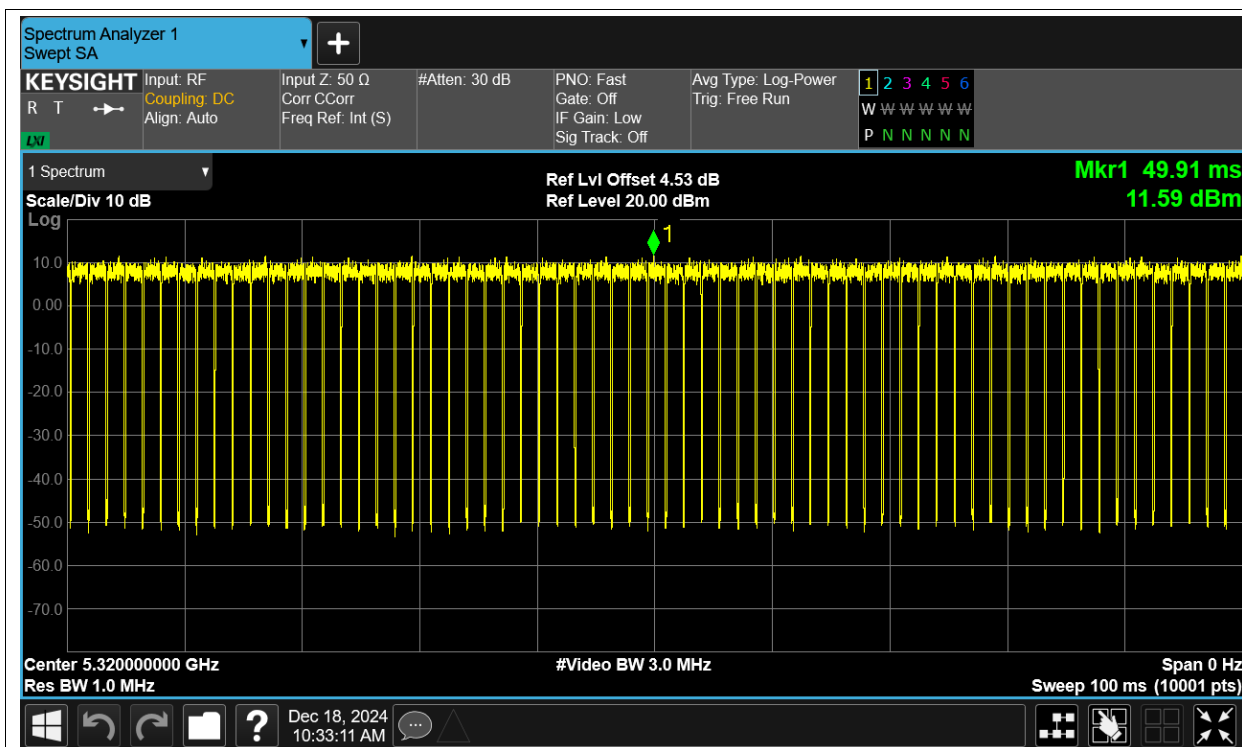
Duty Cycle NVNT a 5260MHz Ant13



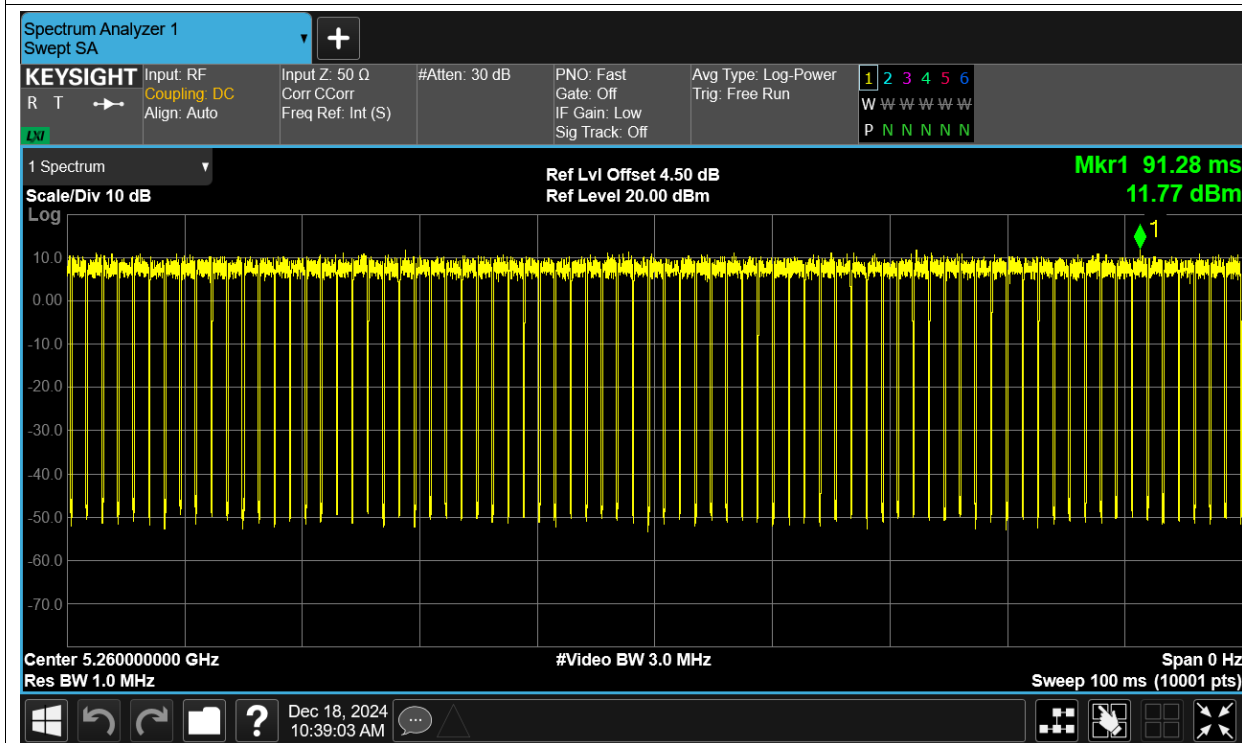
Duty Cycle NVNT a 5300MHz Ant13



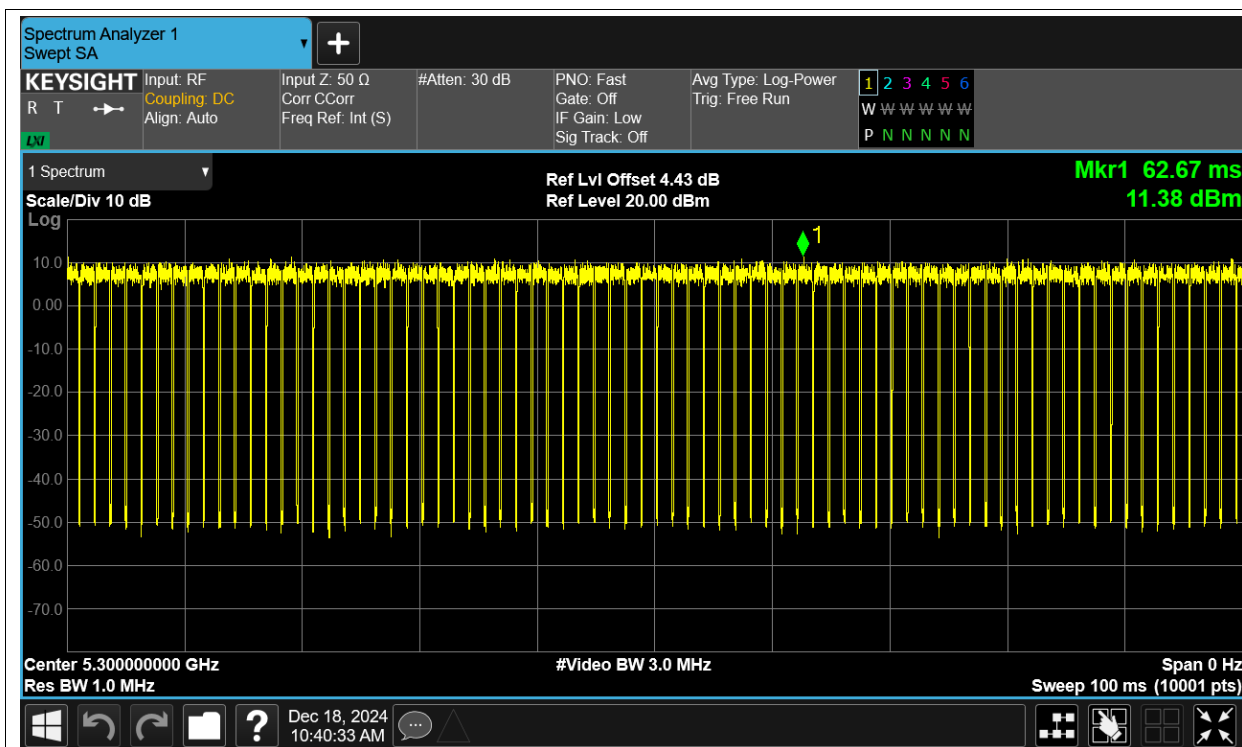
Duty Cycle NVNT a 5320MHz Ant13



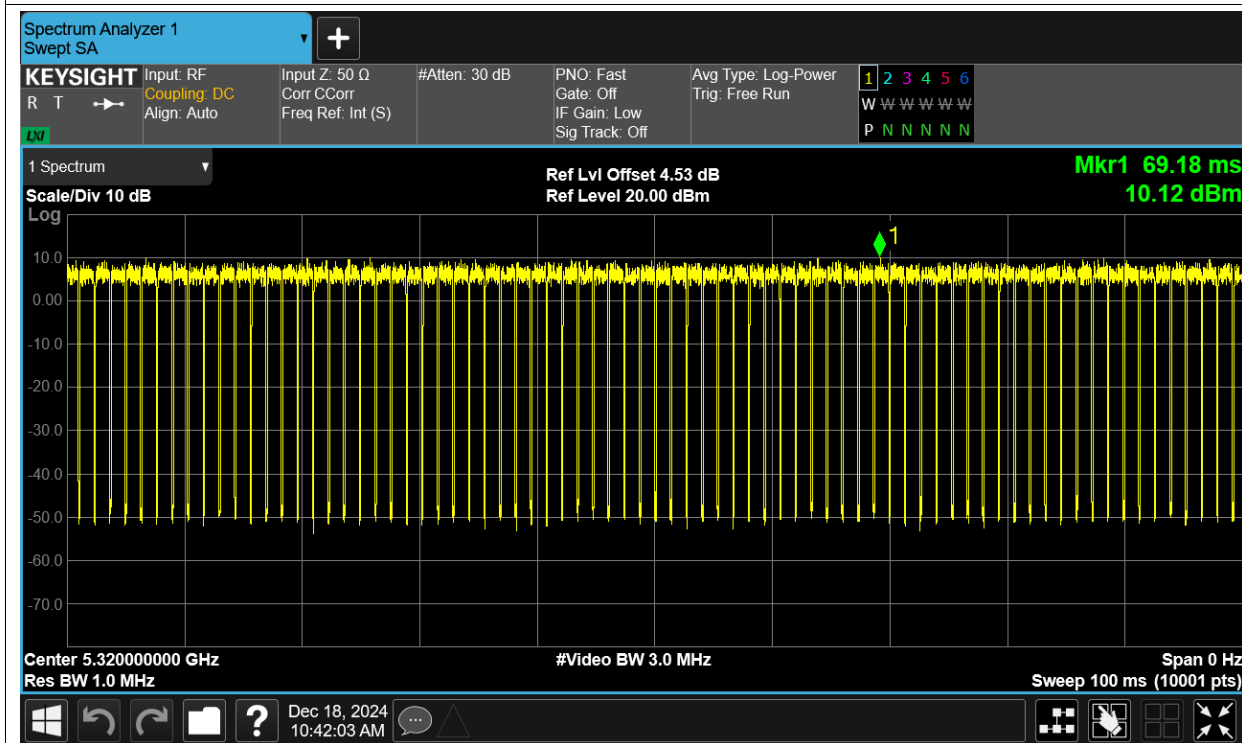
Duty Cycle NVNT ac20 5260MHz Ant13



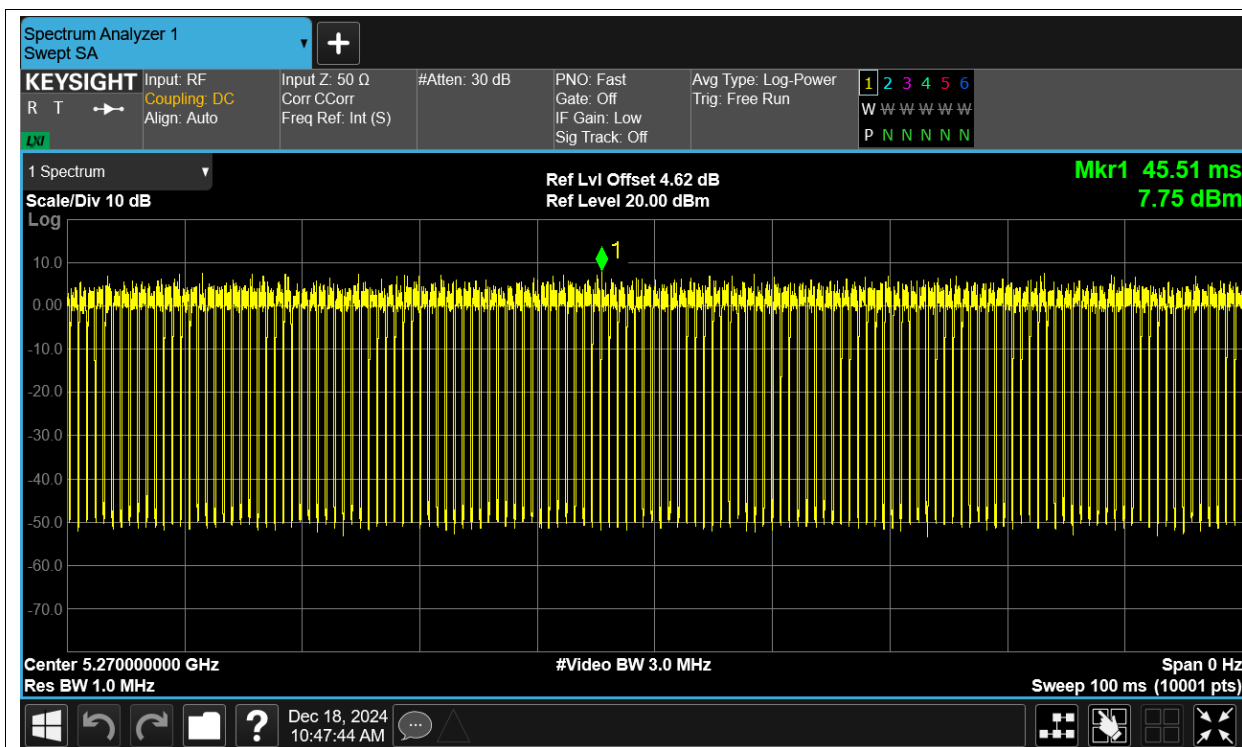
Duty Cycle NVNT ac20 5300MHz Ant13



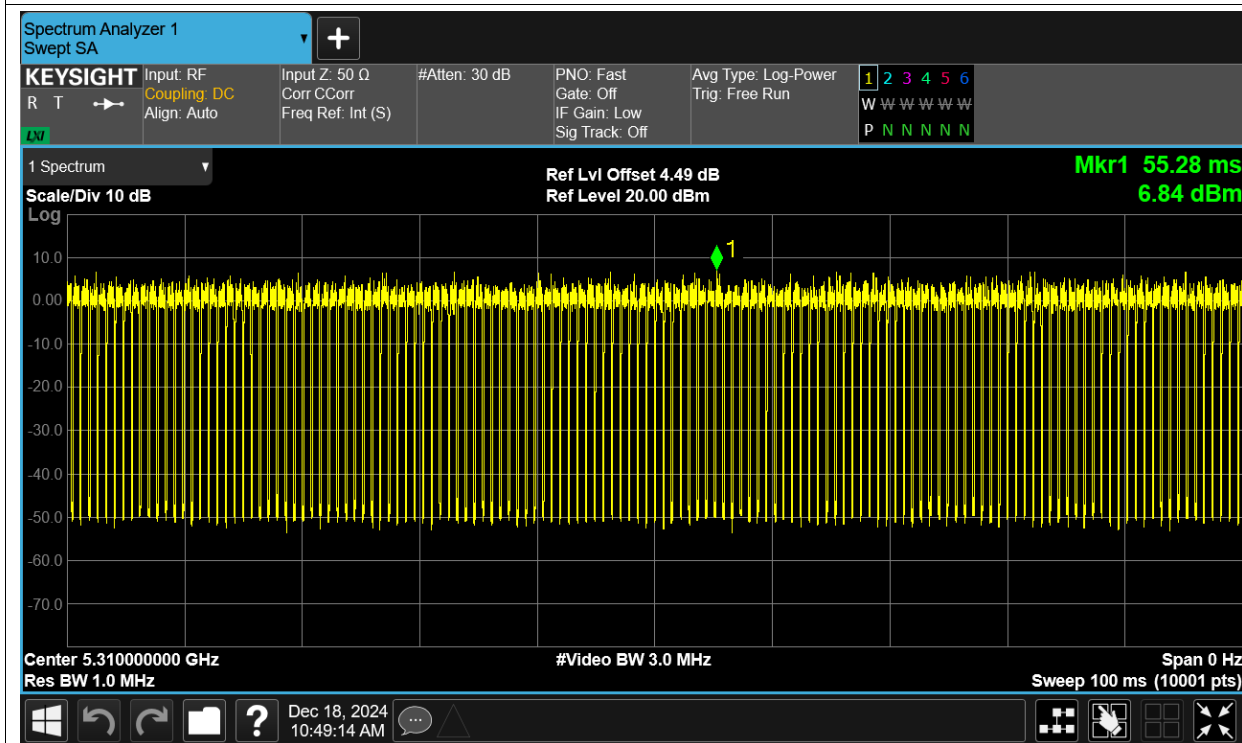
Duty Cycle NVNT ac20 5320MHz Ant13



Duty Cycle NVNT ac40 5270MHz Ant13



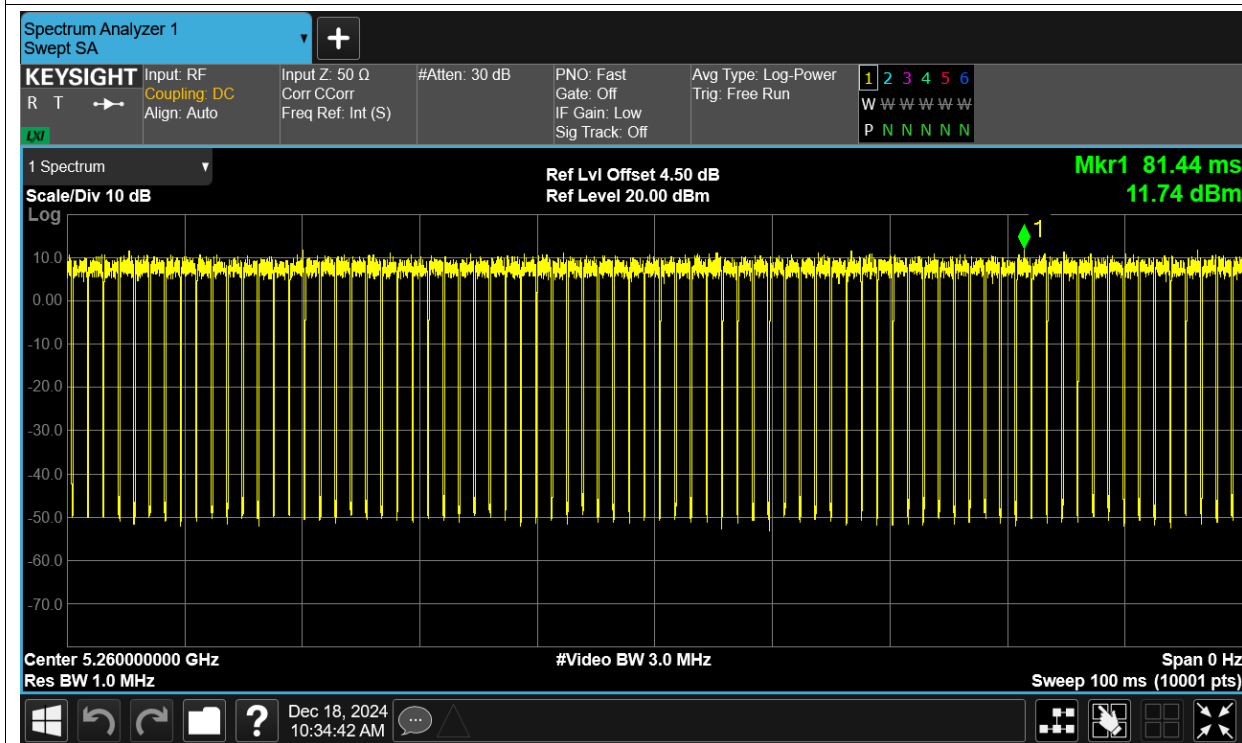
Duty Cycle NVNT ac40 5310MHz Ant13



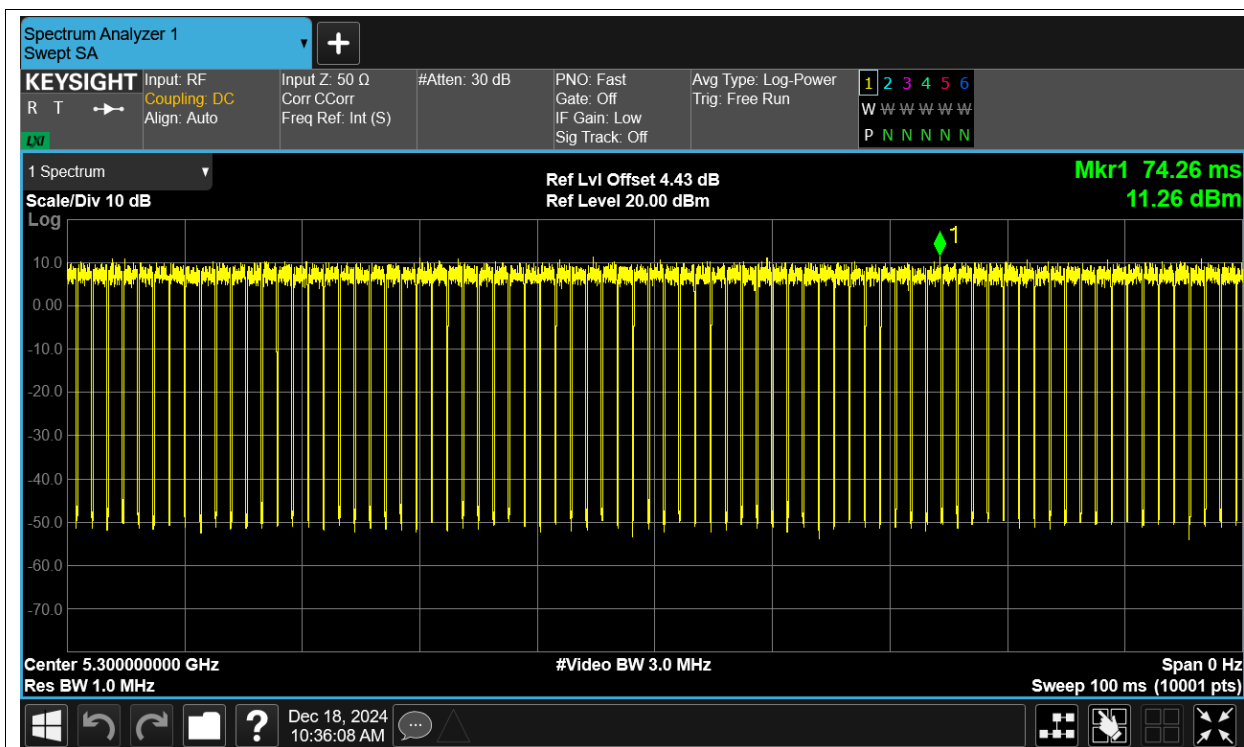
Duty Cycle NVNT ac80 5290MHz Ant13



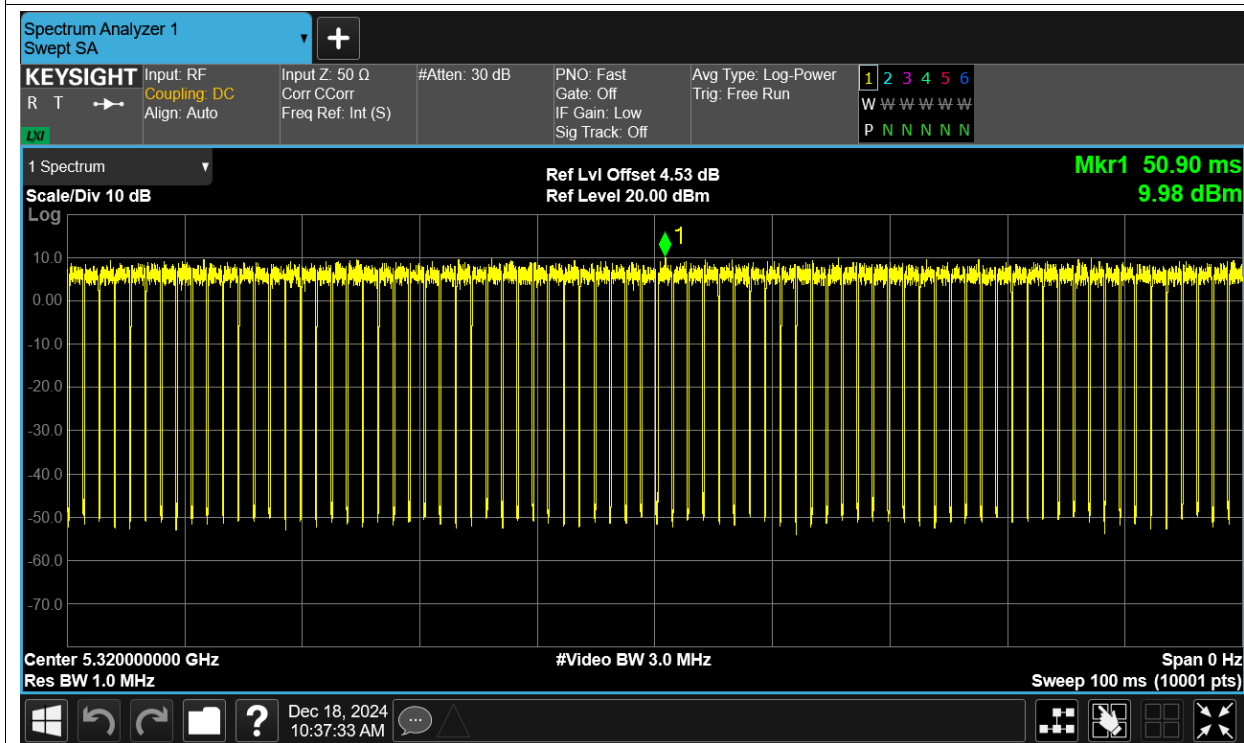
Duty Cycle NVNT n20 5260MHz Ant13



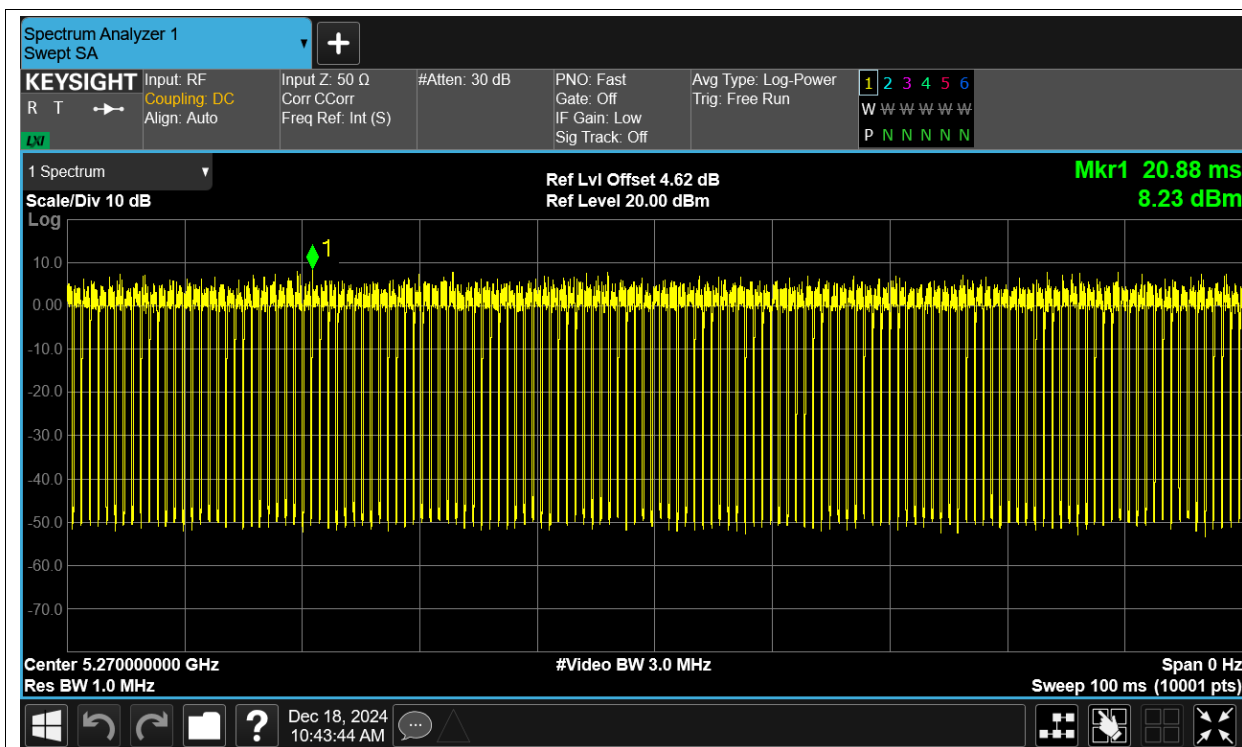
Duty Cycle NVNT n20 5300MHz Ant13



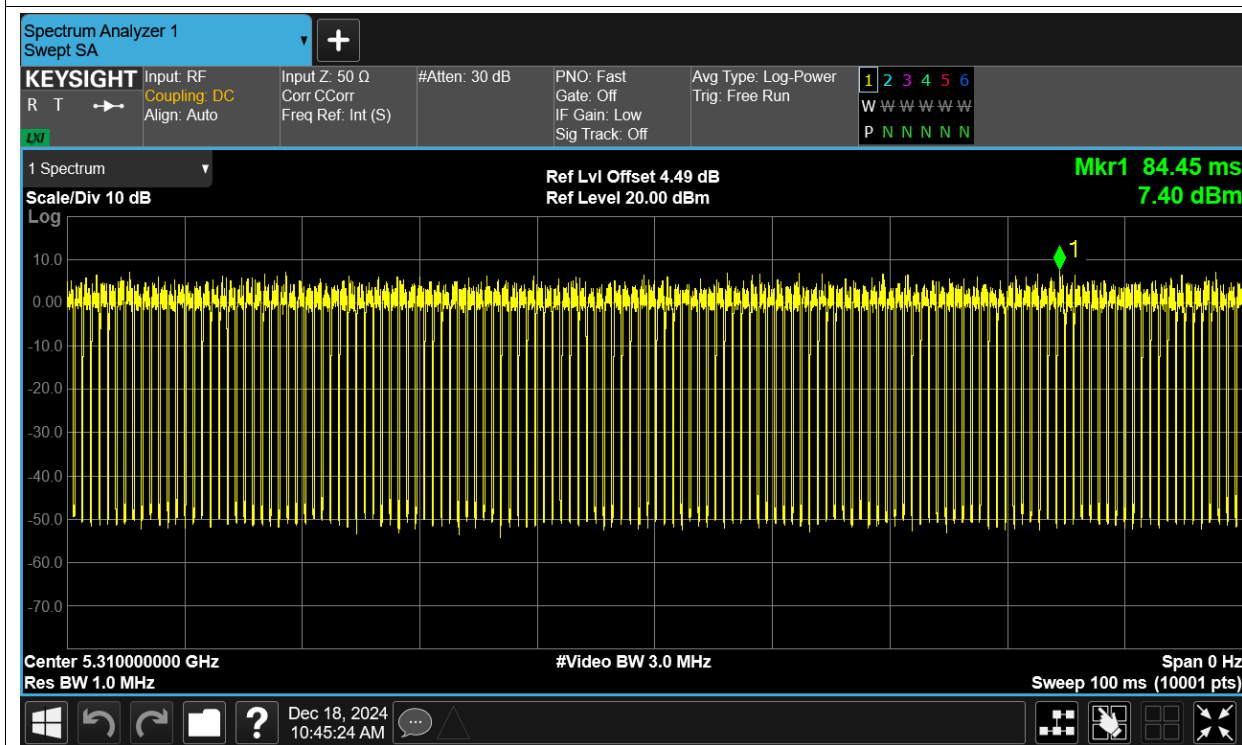
Duty Cycle NVNT n20 5320MHz Ant13



Duty Cycle NVNT n40 5270MHz Ant13



Duty Cycle NVNT n40 5310MHz Ant13

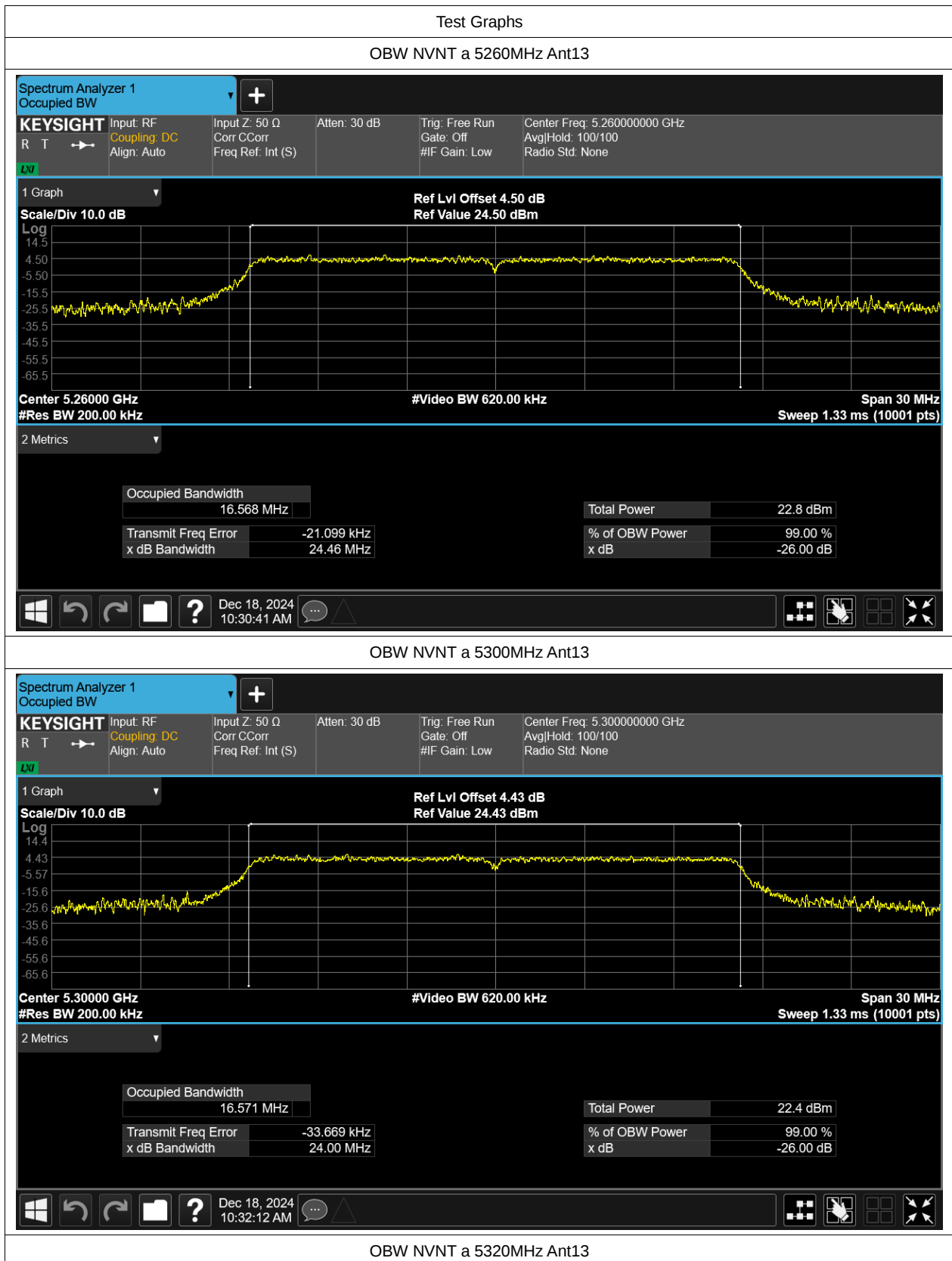


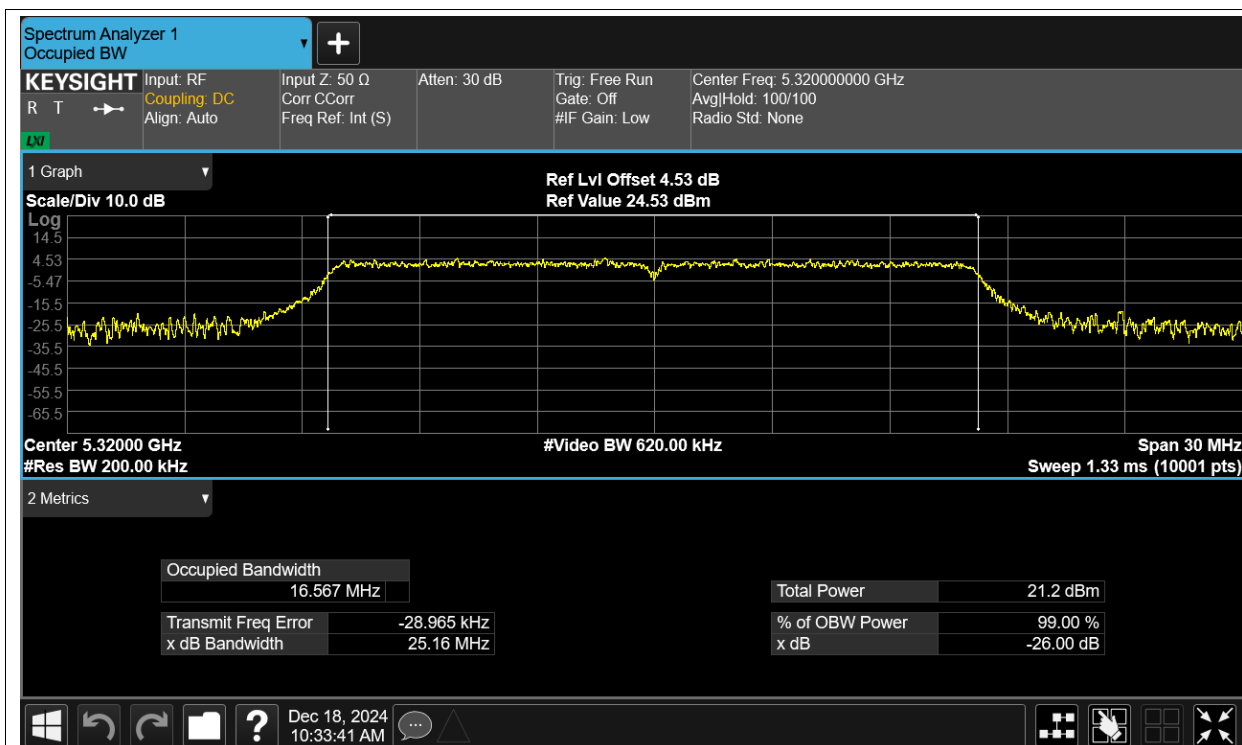
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant13	17.32	0.39	17.71	24	Pass
NVNT	a	5300	Ant13	17.05	0.38	17.43	24	Pass
NVNT	a	5320	Ant13	16.29	0.39	16.68	24	Pass
NVNT	ac20	5260	Ant13	15.69	0.46	16.15	24	Pass
NVNT	ac20	5300	Ant13	15.39	0.46	15.85	24	Pass
NVNT	ac20	5320	Ant13	14.7	0.46	15.16	24	Pass
NVNT	ac40	5270	Ant13	15.4	0.83	16.23	24	Pass
NVNT	ac40	5310	Ant13	15.5	0.84	16.34	24	Pass
NVNT	ac80	5290	Ant13	14.78	1.47	16.25	24	Pass
NVNT	n20	5260	Ant13	15.68	0.46	16.14	24	Pass
NVNT	n20	5300	Ant13	15.28	0.45	15.73	24	Pass
NVNT	n20	5320	Ant13	14.64	0.46	15.1	24	Pass
NVNT	n40	5270	Ant13	15.61	0.83	16.44	24	Pass
NVNT	n40	5310	Ant13	15.42	0.85	16.27	24	Pass

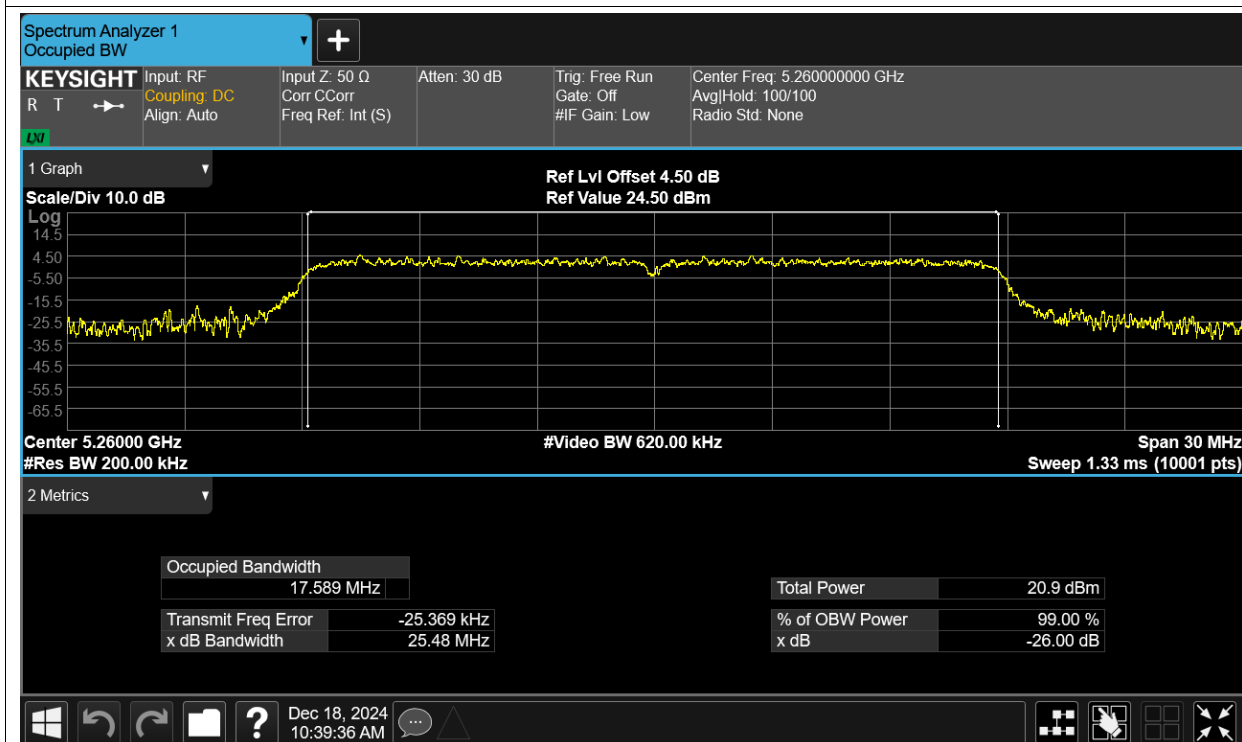
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant13	16.568
NVNT	a	5300	Ant13	16.571
NVNT	a	5320	Ant13	16.567
NVNT	ac20	5260	Ant13	17.589
NVNT	ac20	5300	Ant13	17.591
NVNT	ac20	5320	Ant13	17.627
NVNT	ac40	5270	Ant13	36.099
NVNT	ac40	5310	Ant13	36.077
NVNT	ac80	5290	Ant13	75.493
NVNT	n20	5260	Ant13	17.621
NVNT	n20	5300	Ant13	17.634
NVNT	n20	5320	Ant13	17.609
NVNT	n40	5270	Ant13	36.138
NVNT	n40	5310	Ant13	36.135

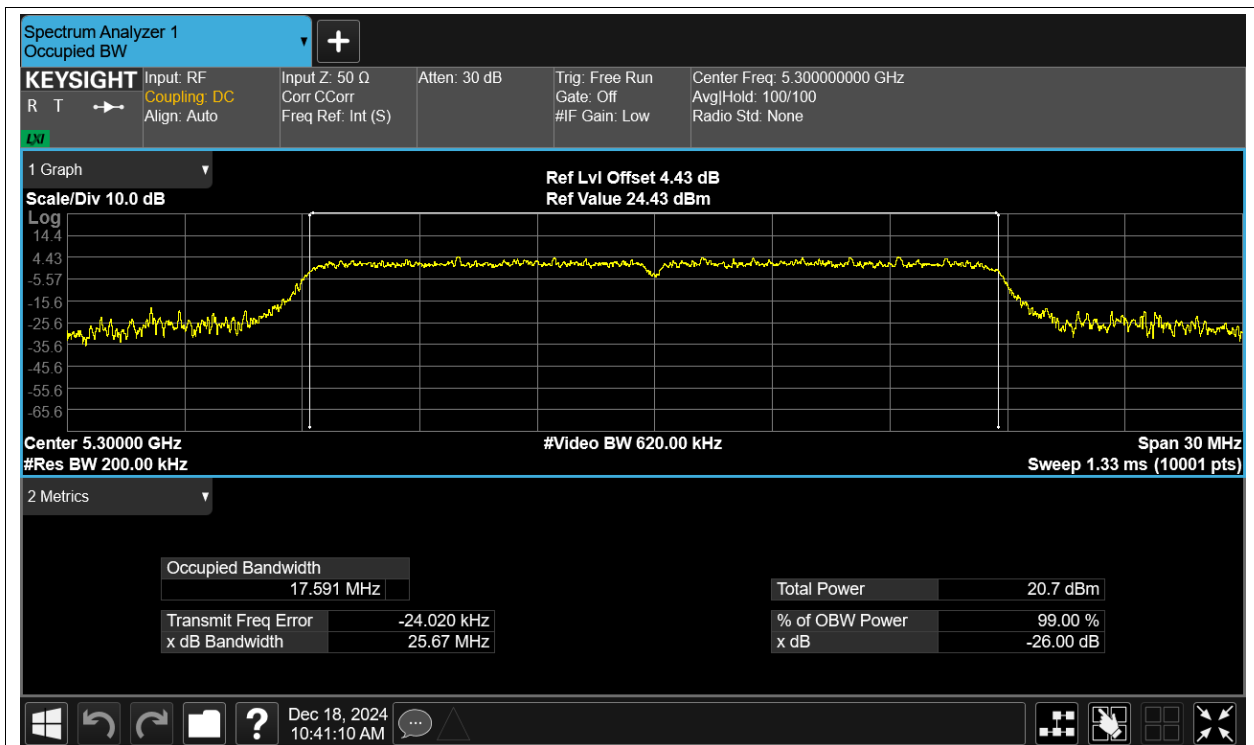




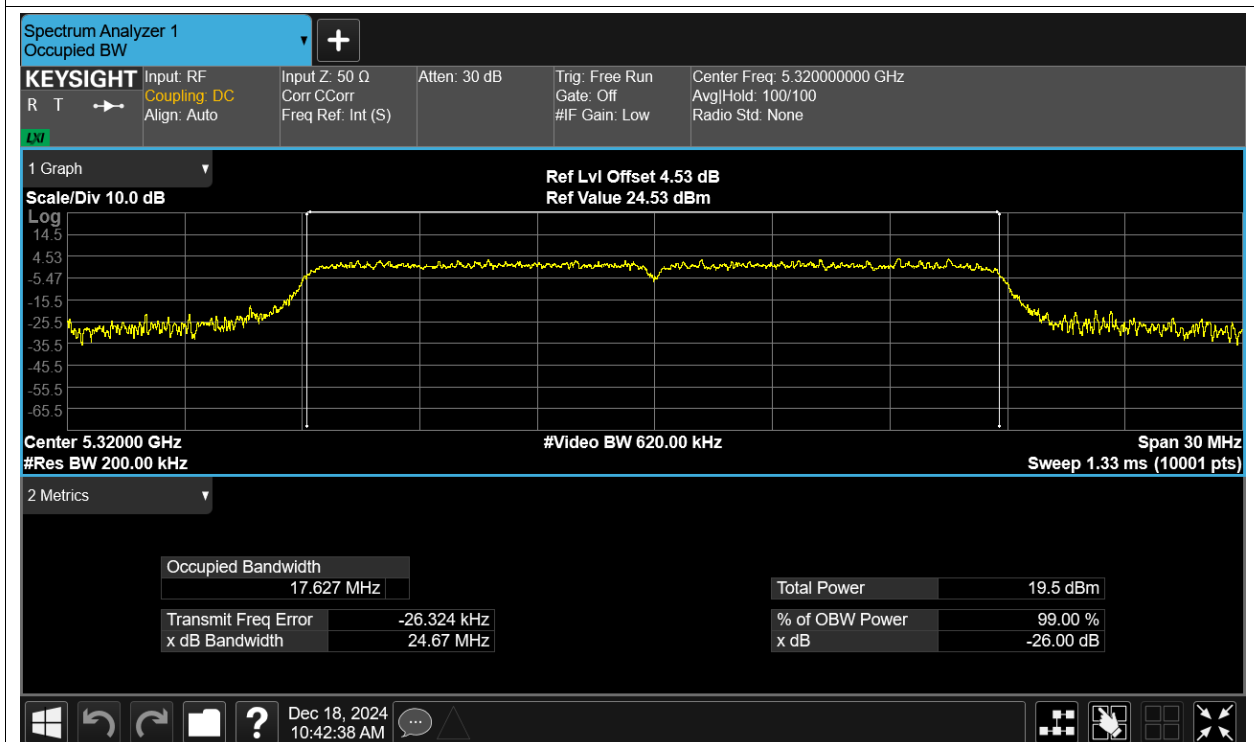
OBW NVNT ac20 5260MHz Ant13



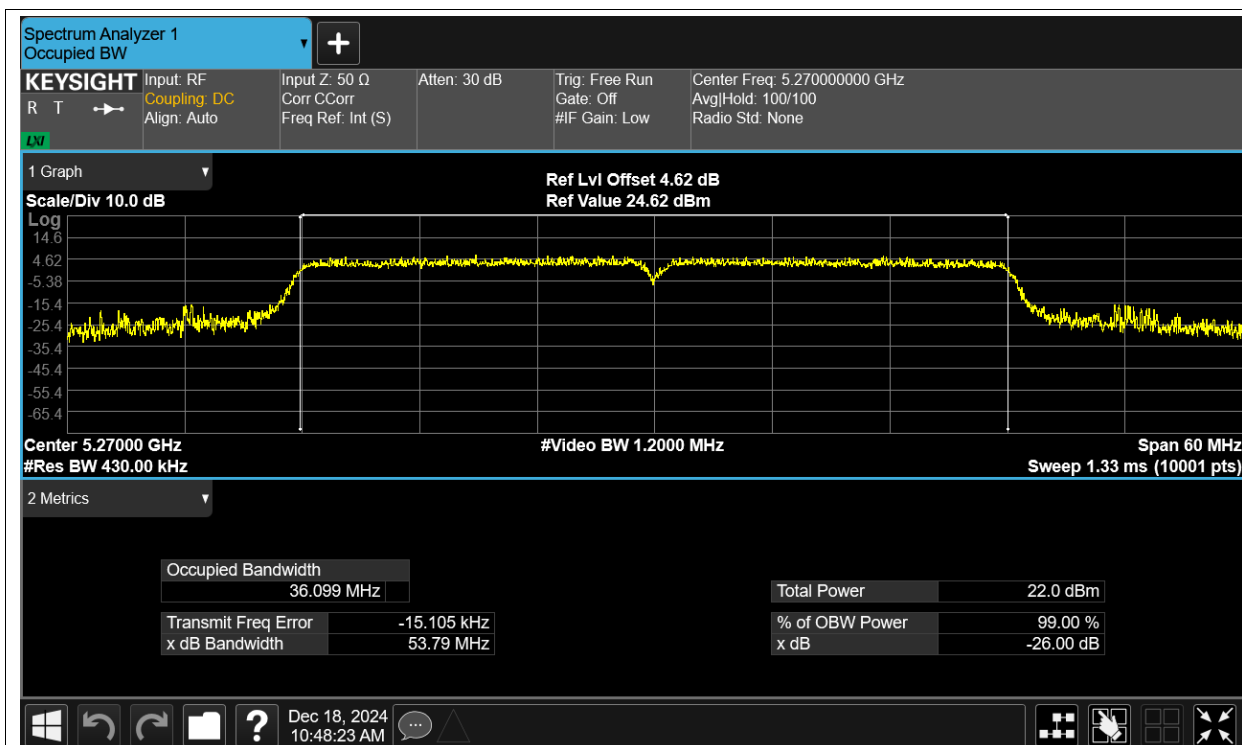
OBW NVNT ac20 5300MHz Ant13



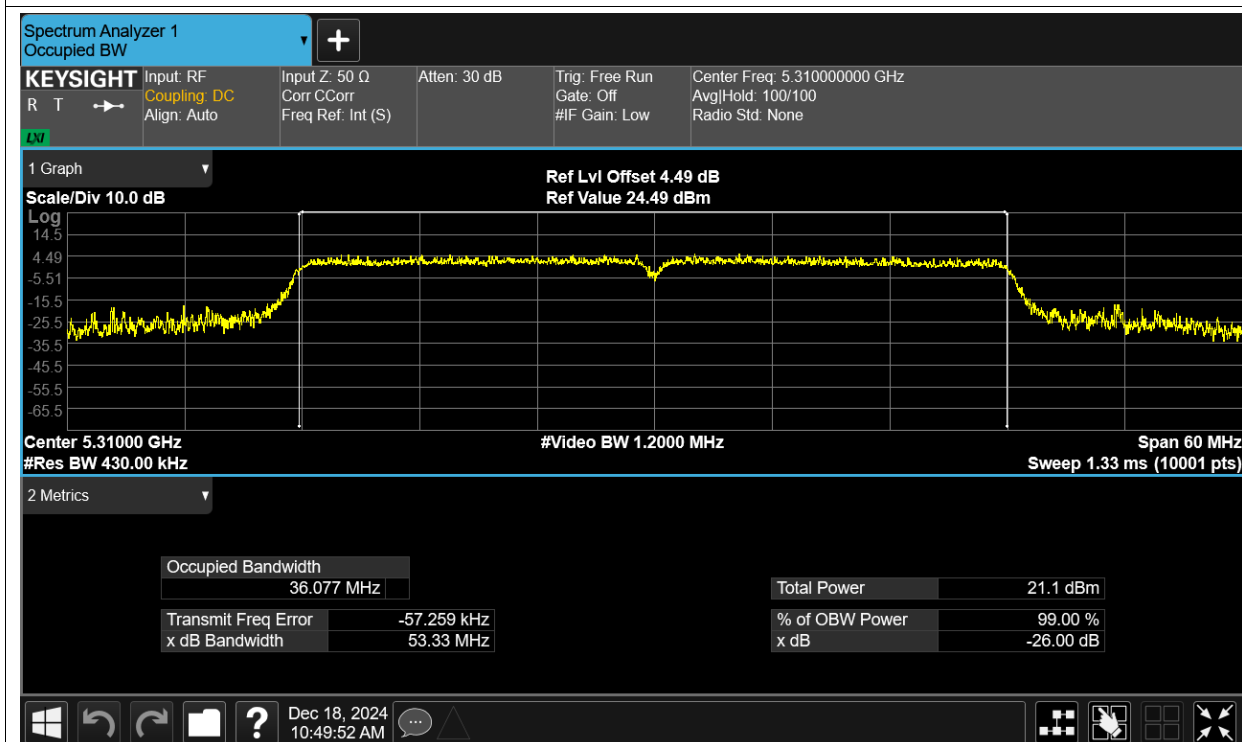
OBW NVNT ac20 5320MHz Ant13



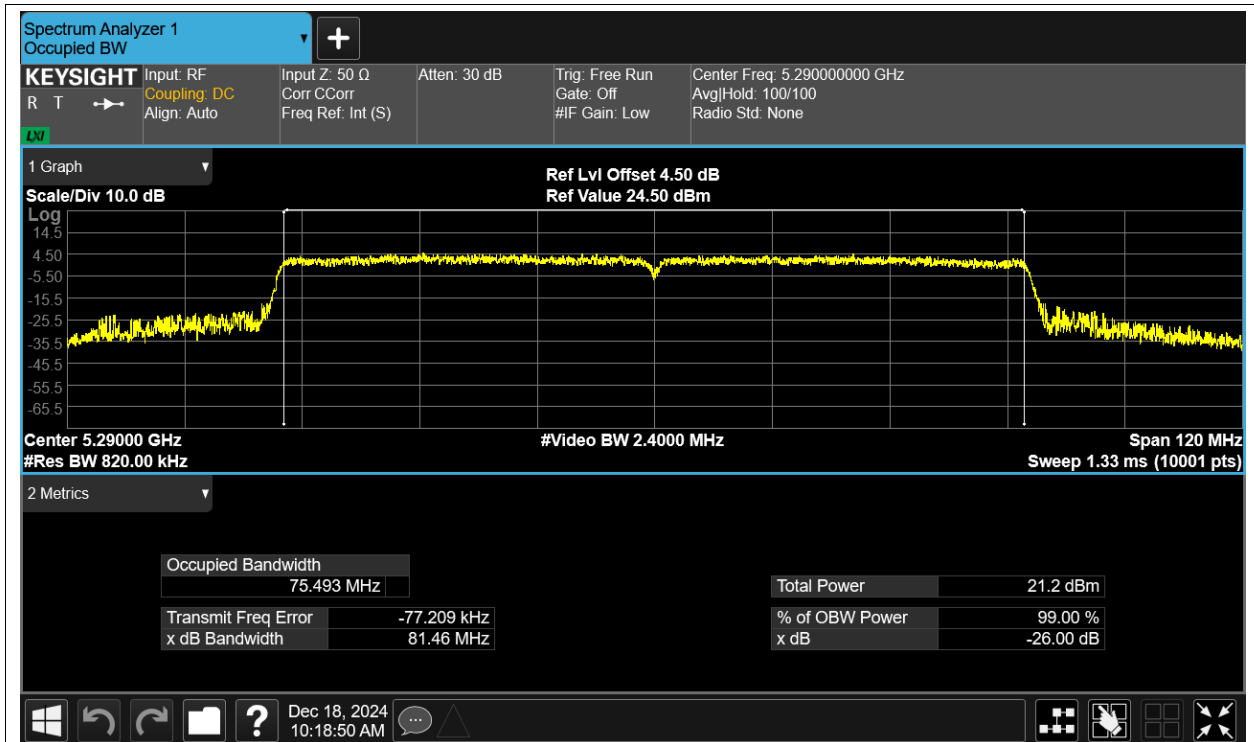
OBW NVNT ac40 5270MHz Ant13



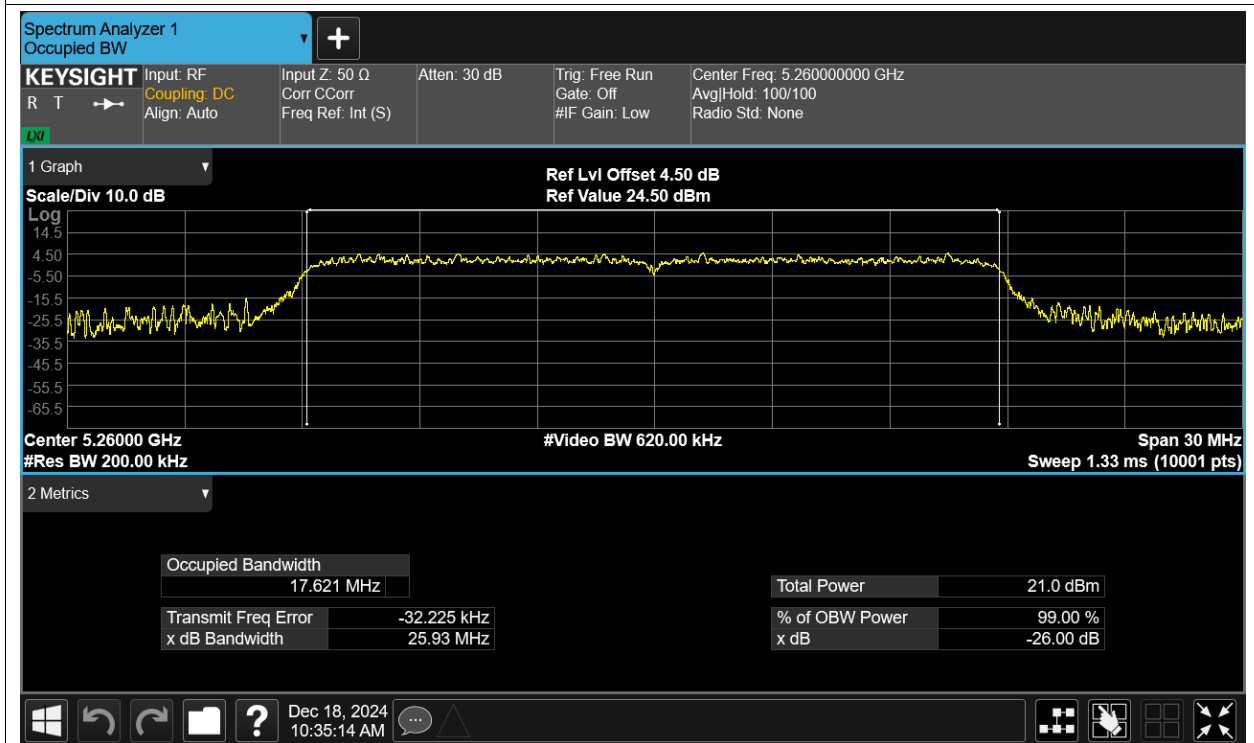
OBW NVNT ac40 5310MHz Ant13



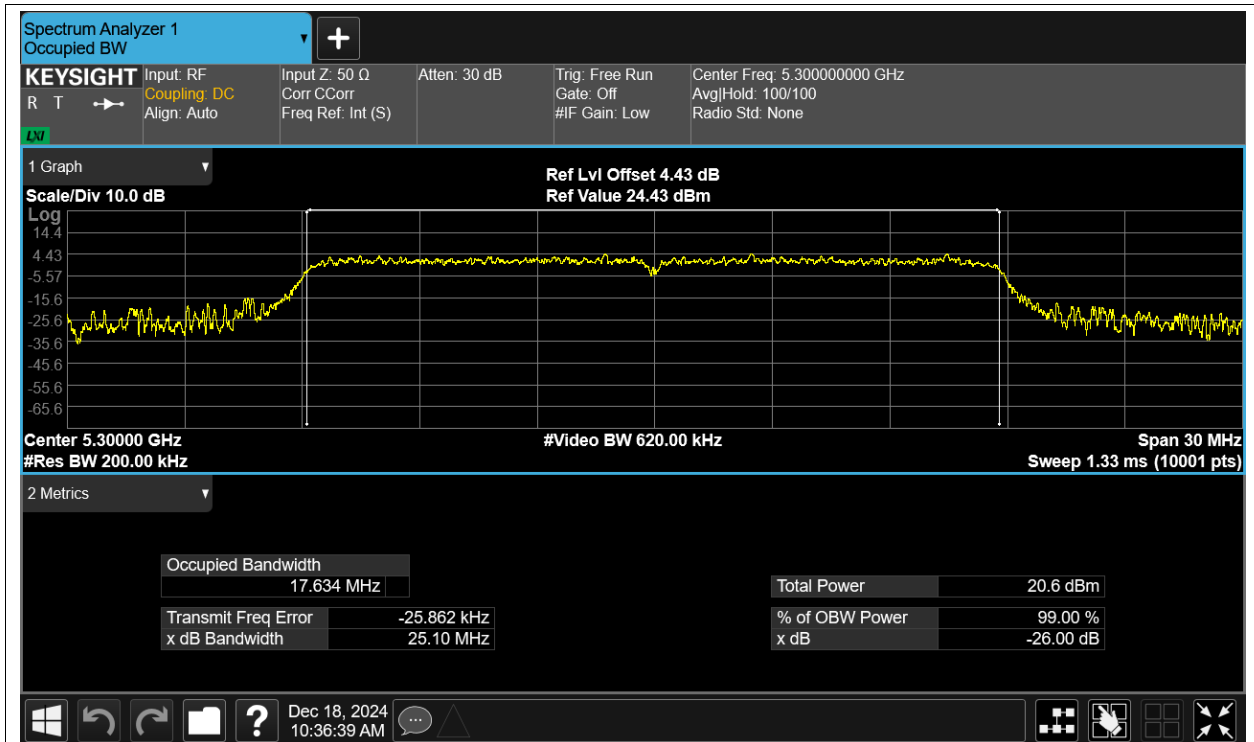
OBW NVNT ac80 5290MHz Ant13



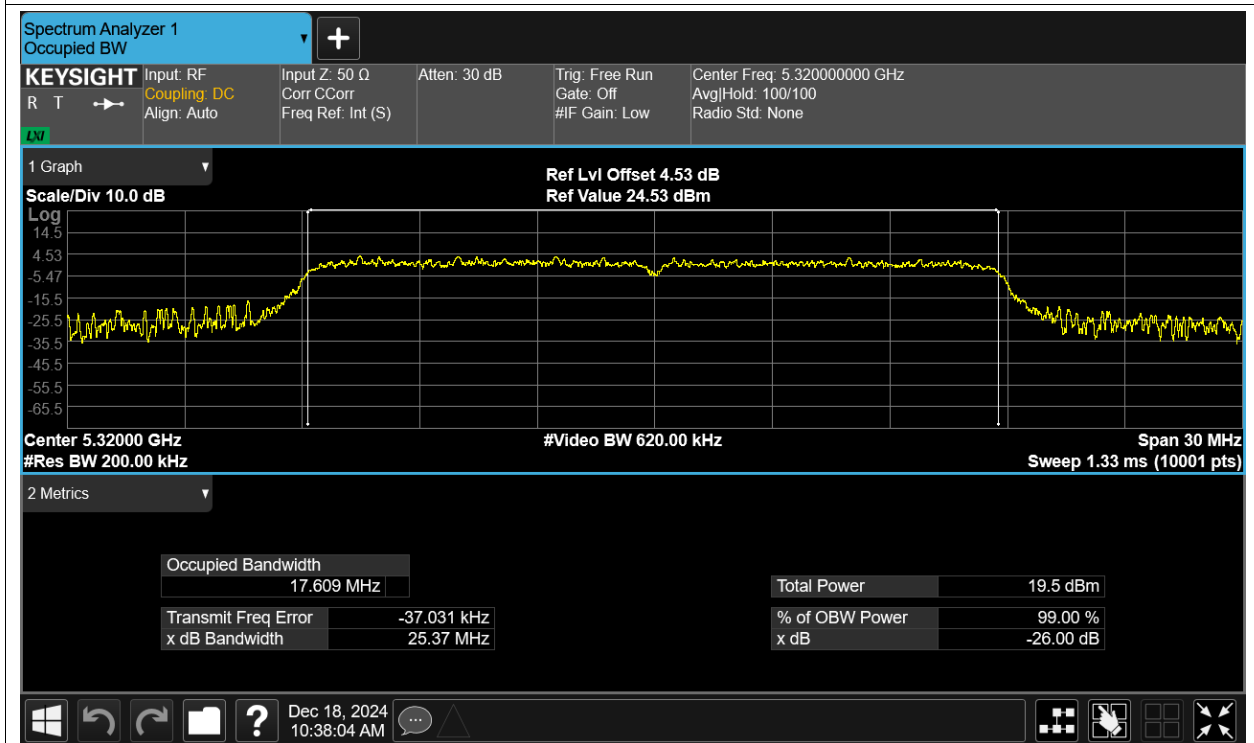
OBW NVNT n20 5260MHz Ant13



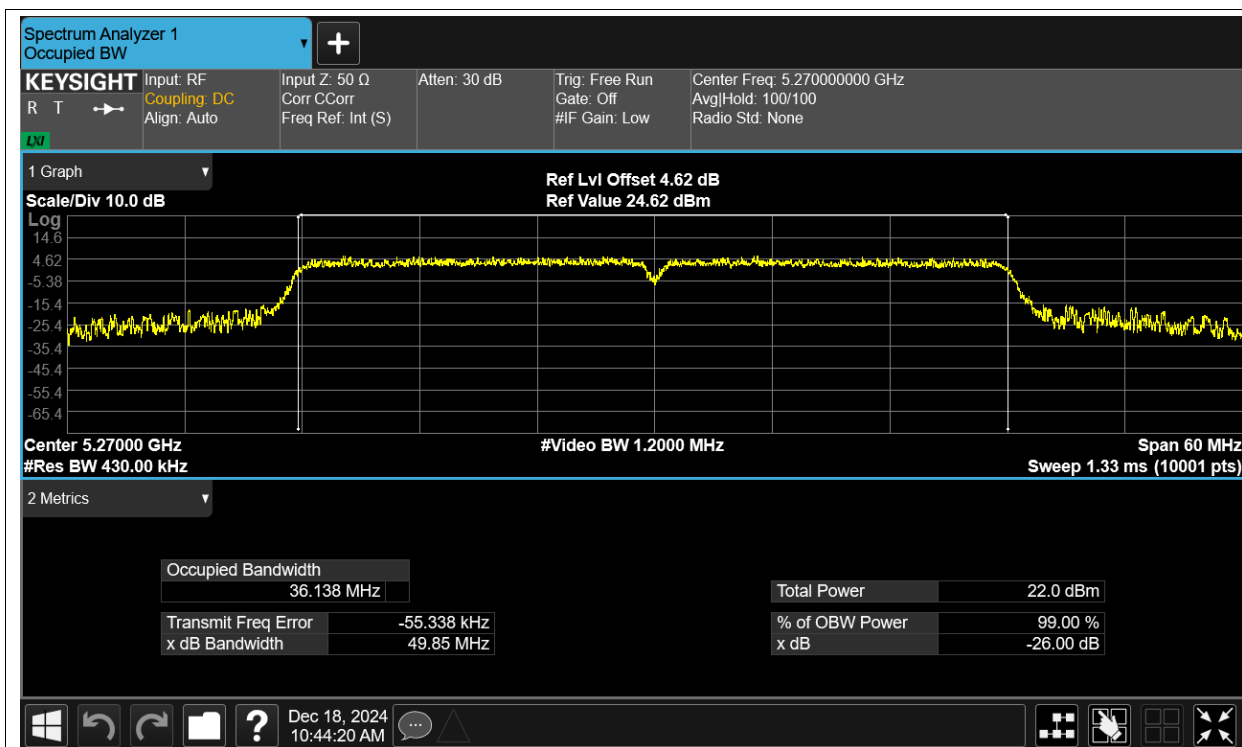
OBW NVNT n20 5300MHz Ant13



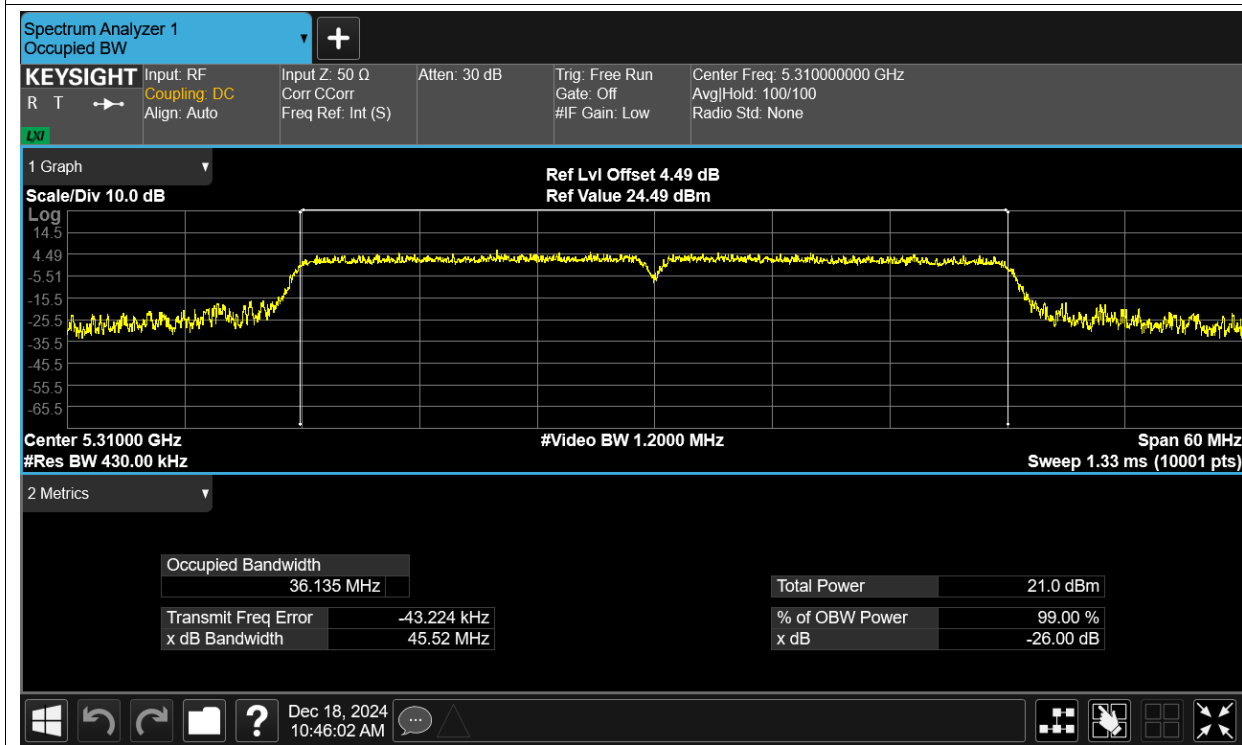
OBW NVNT n20 5320MHz Ant13



OBW NVNT n40 5270MHz Ant13



OBW NVNT n40 5310MHz Ant13

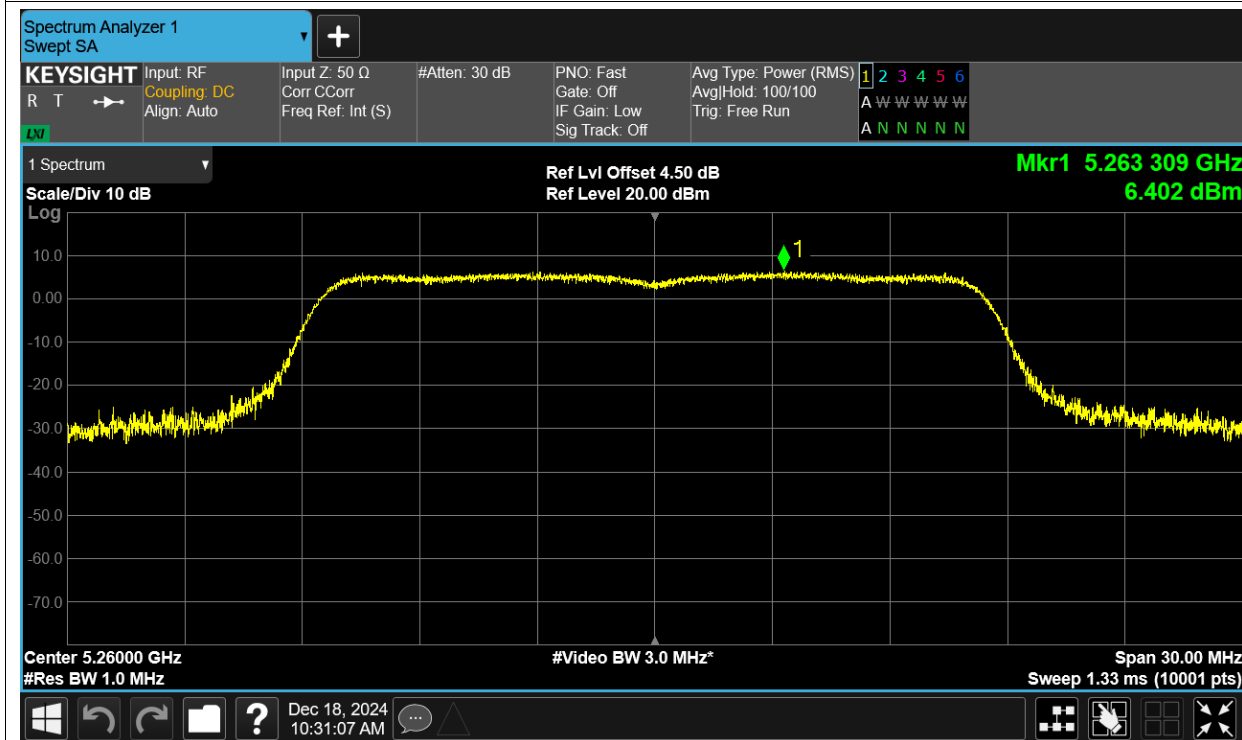


Maximum Power Spectral Density Level

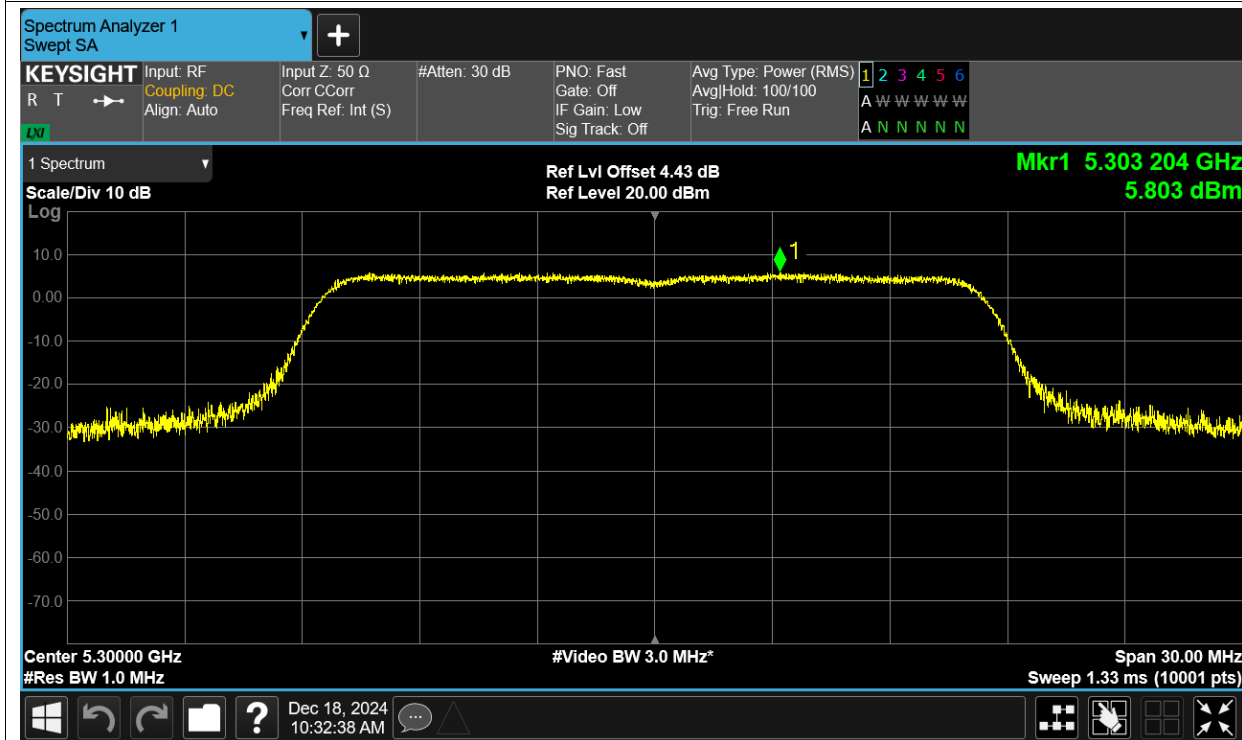
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant13	6.402	11	Pass
NVNT	a	5300	Ant13	5.803	11	Pass
NVNT	a	5320	Ant13	4.934	11	Pass
NVNT	ac20	5260	Ant13	4.142	11	Pass
NVNT	ac20	5300	Ant13	4.03	11	Pass
NVNT	ac20	5320	Ant13	2.96	11	Pass
NVNT	ac40	5270	Ant13	1.971	11	Pass
NVNT	ac40	5310	Ant13	1.233	11	Pass
NVNT	ac80	5290	Ant13	-3.131	11	Pass
NVNT	n20	5260	Ant13	4.336	11	Pass
NVNT	n20	5300	Ant13	3.965	11	Pass
NVNT	n20	5320	Ant13	2.932	11	Pass
NVNT	n40	5270	Ant13	1.798	11	Pass
NVNT	n40	5310	Ant13	1.214	11	Pass

Test Graphs

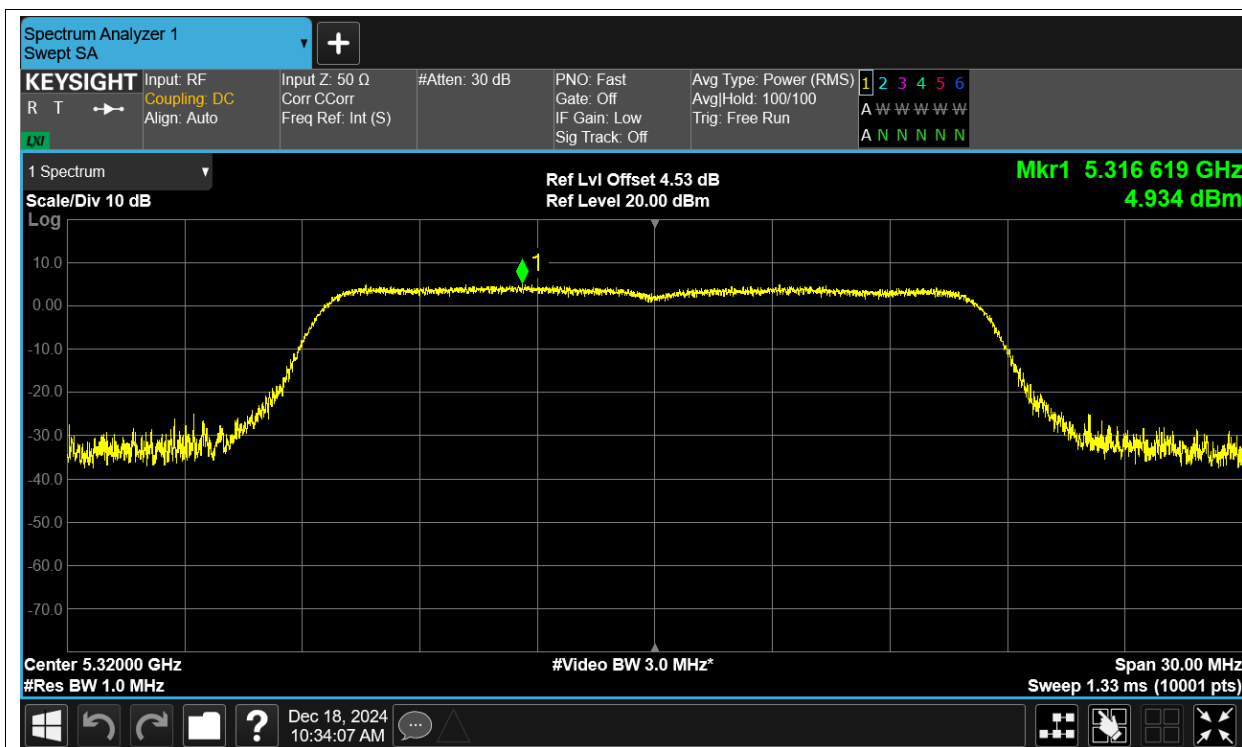
PSD NVNT a 5260MHz Ant13



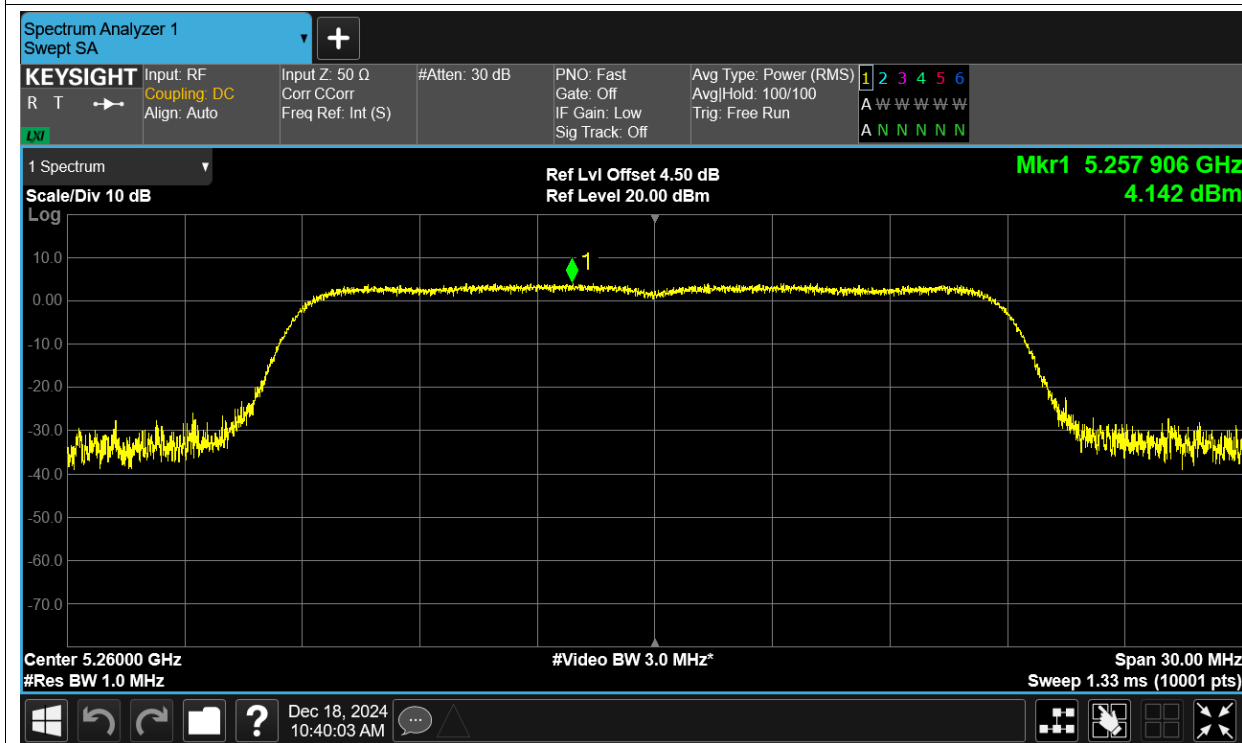
PSD NVNT a 5300MHz Ant13



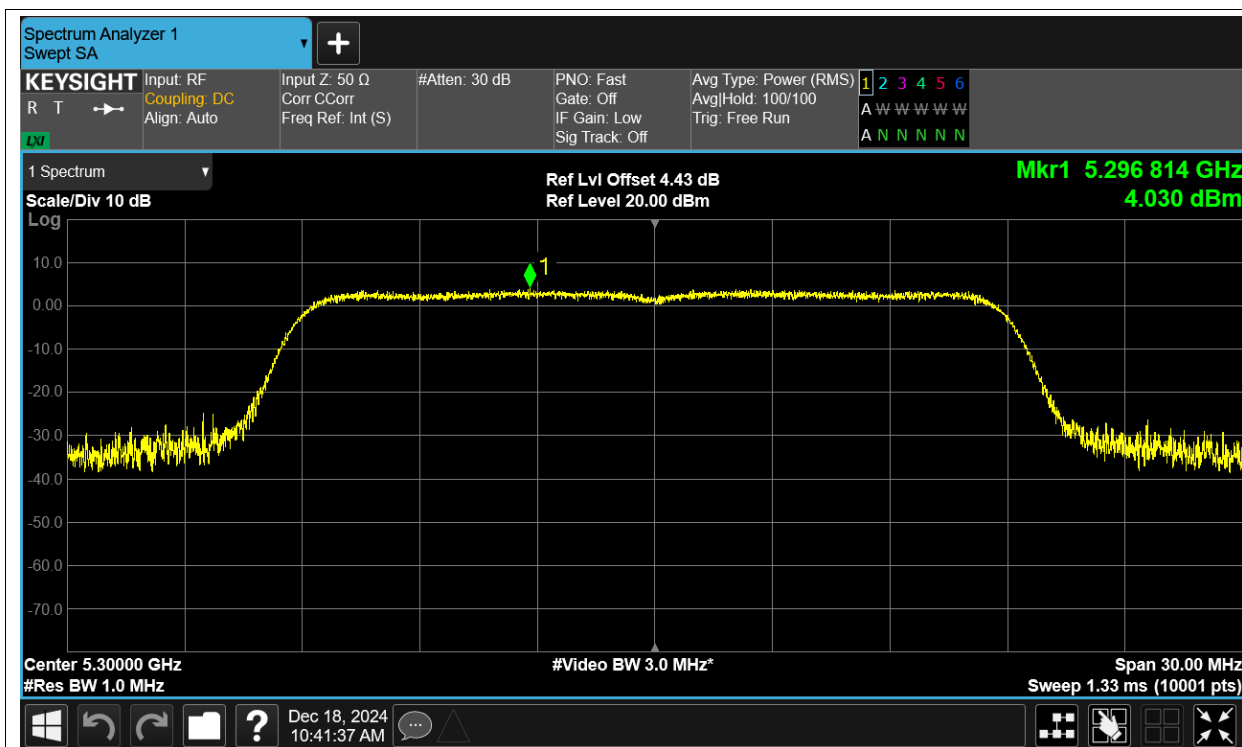
PSD NVNT a 5320MHz Ant13



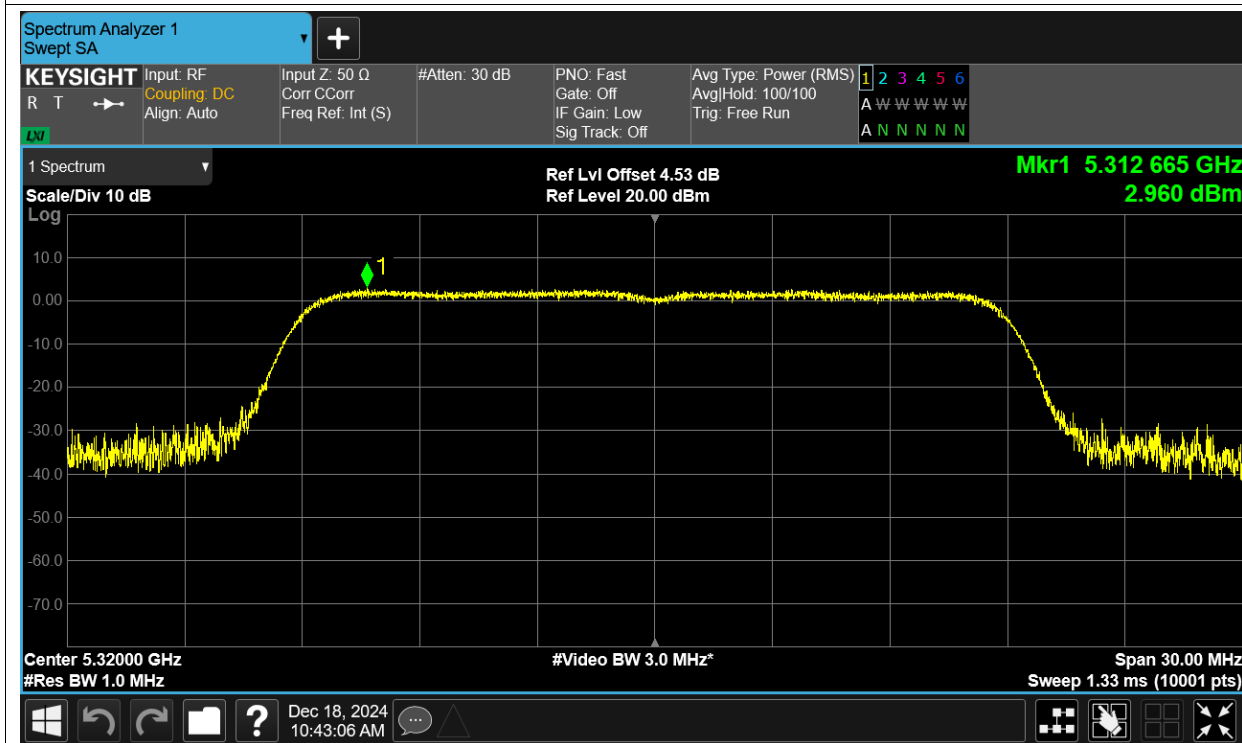
PSD NVNT ac20 5260MHz Ant13



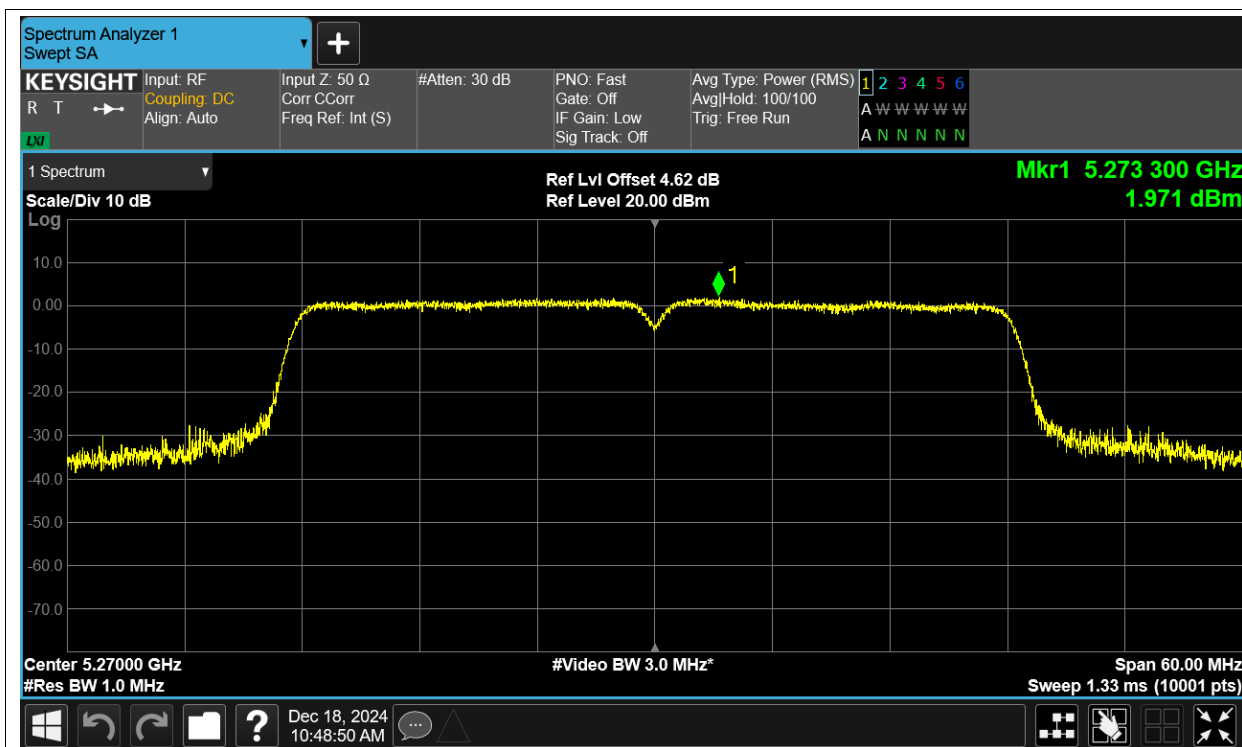
PSD NVNT ac20 5300MHz Ant13



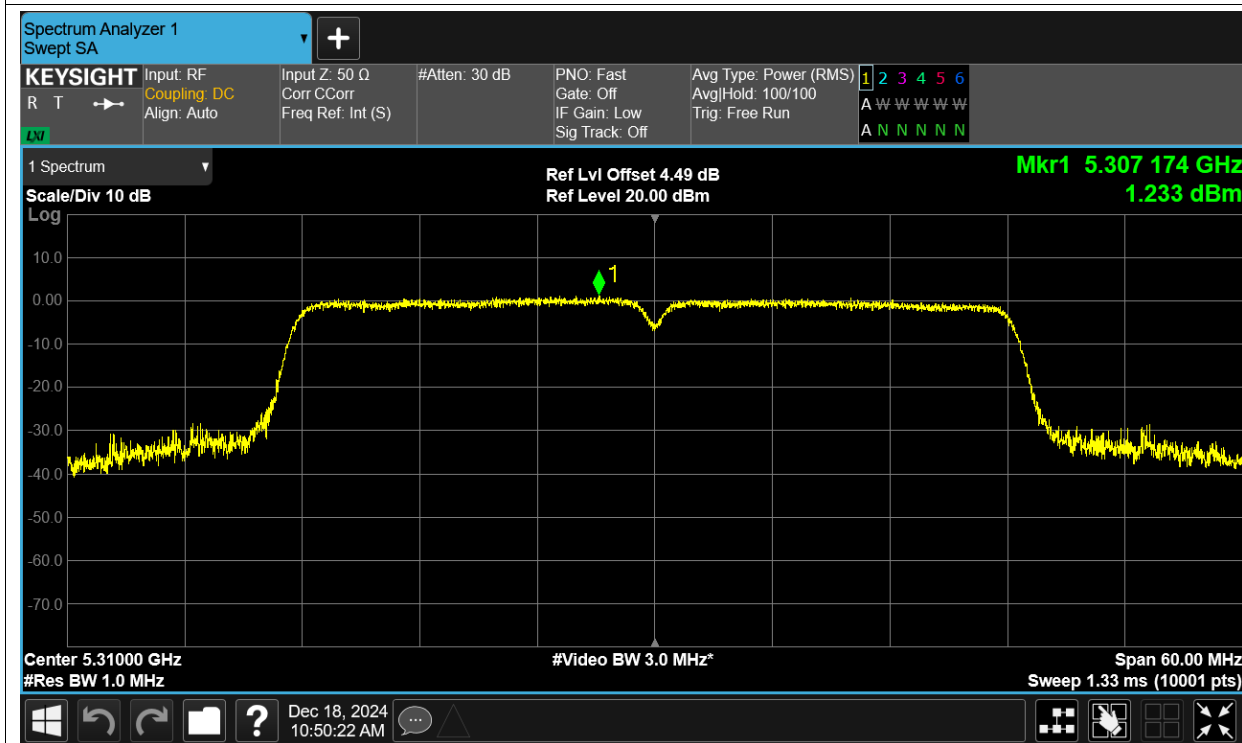
PSD NVNT ac20 5320MHz Ant13



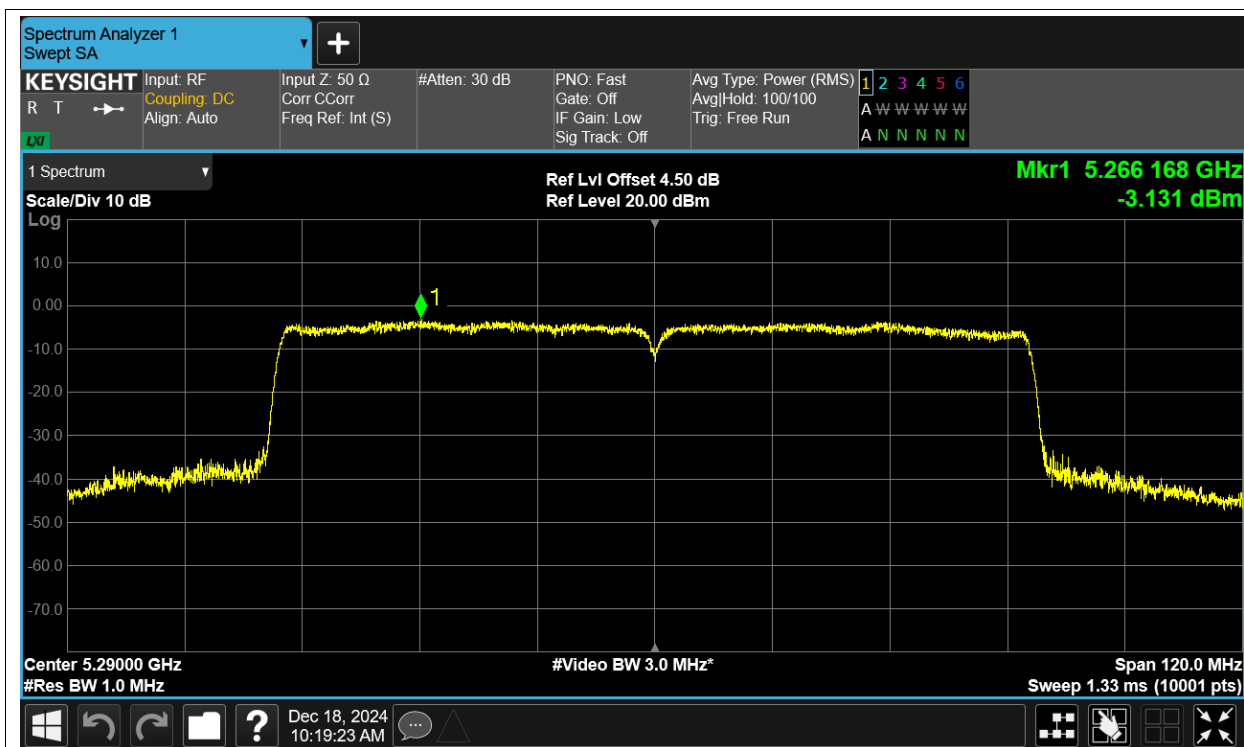
PSD NVNT ac40 5270MHz Ant13



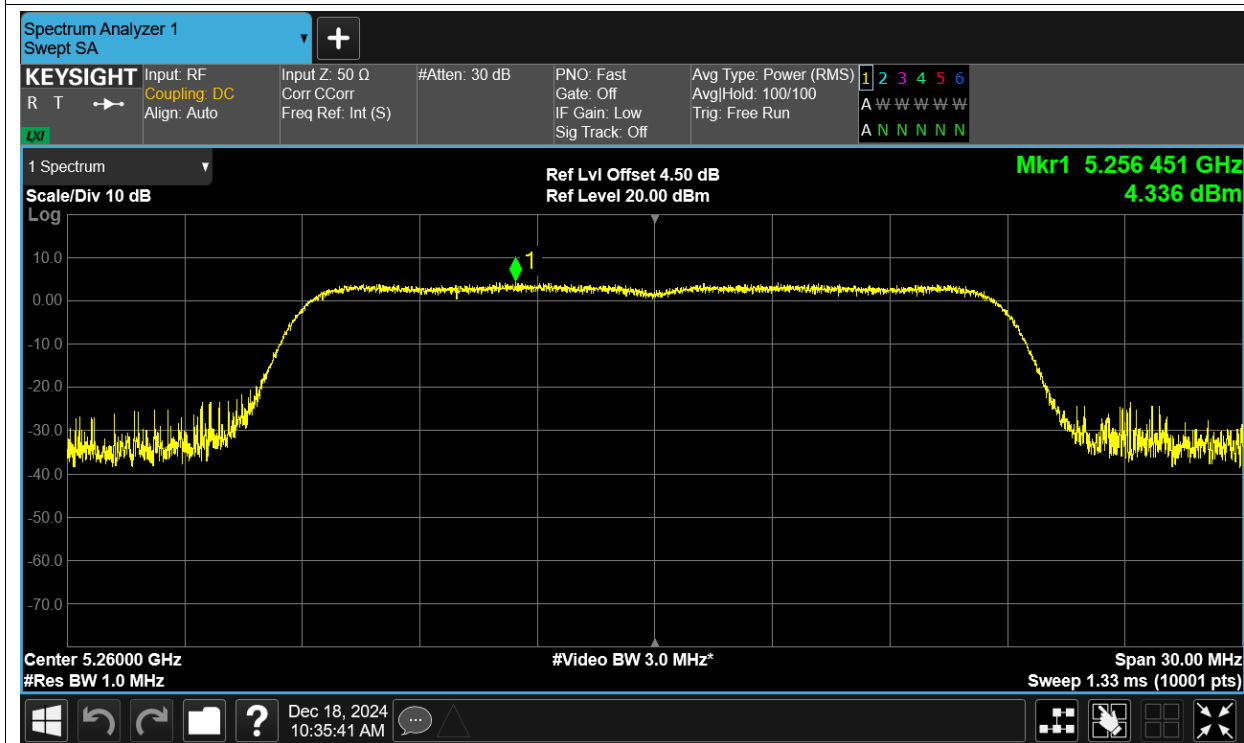
PSD NVNT ac40 5310MHz Ant13



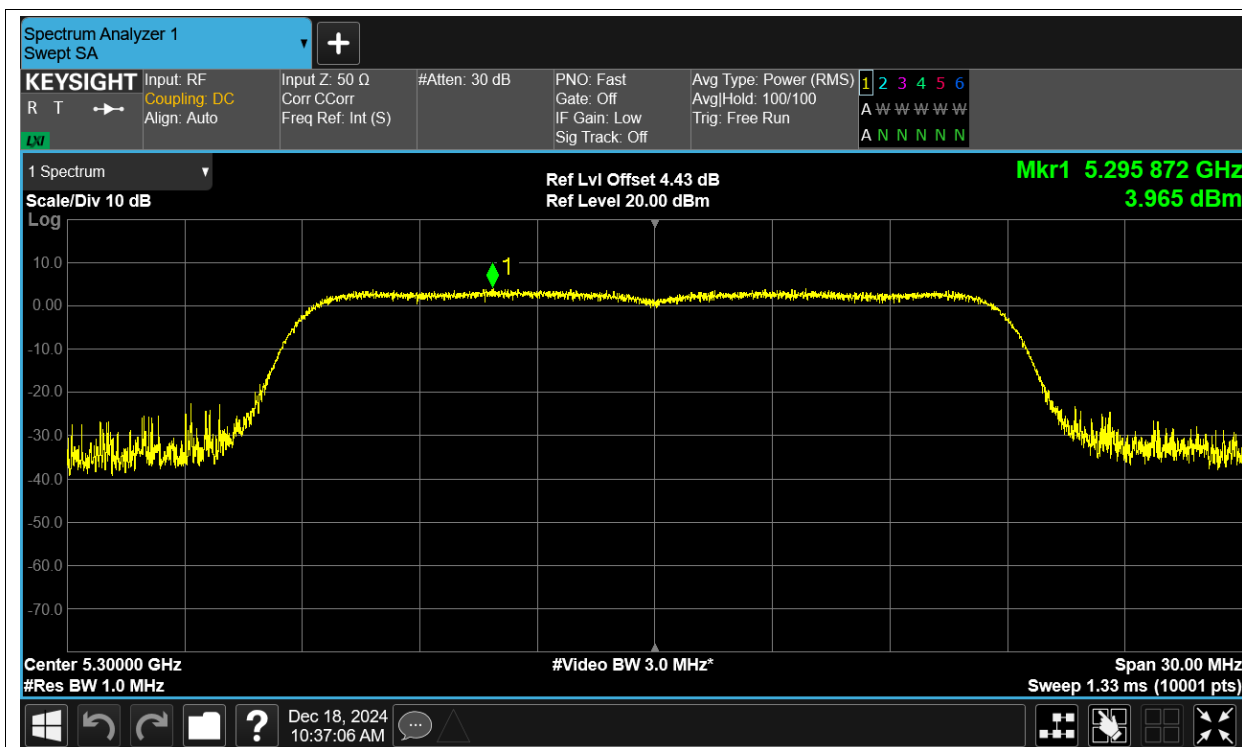
PSD NVNT ac80 5290MHz Ant13



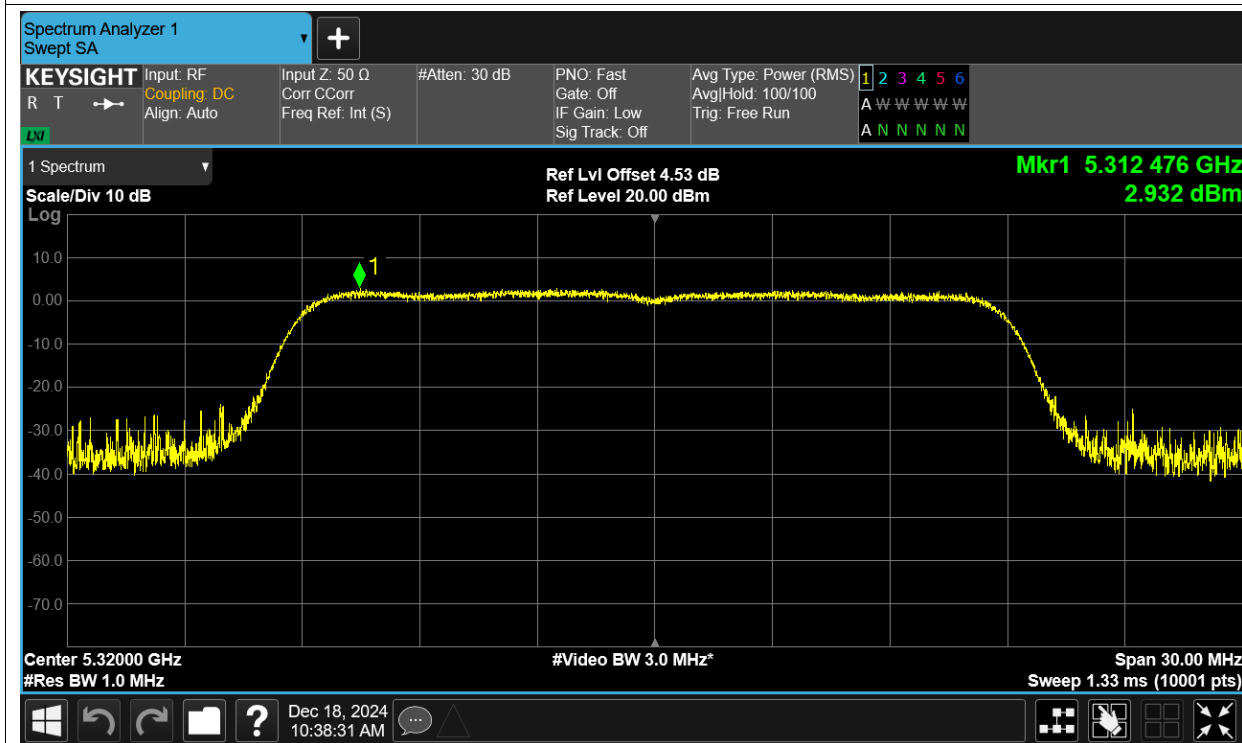
PSD NVNT n20 5260MHz Ant13



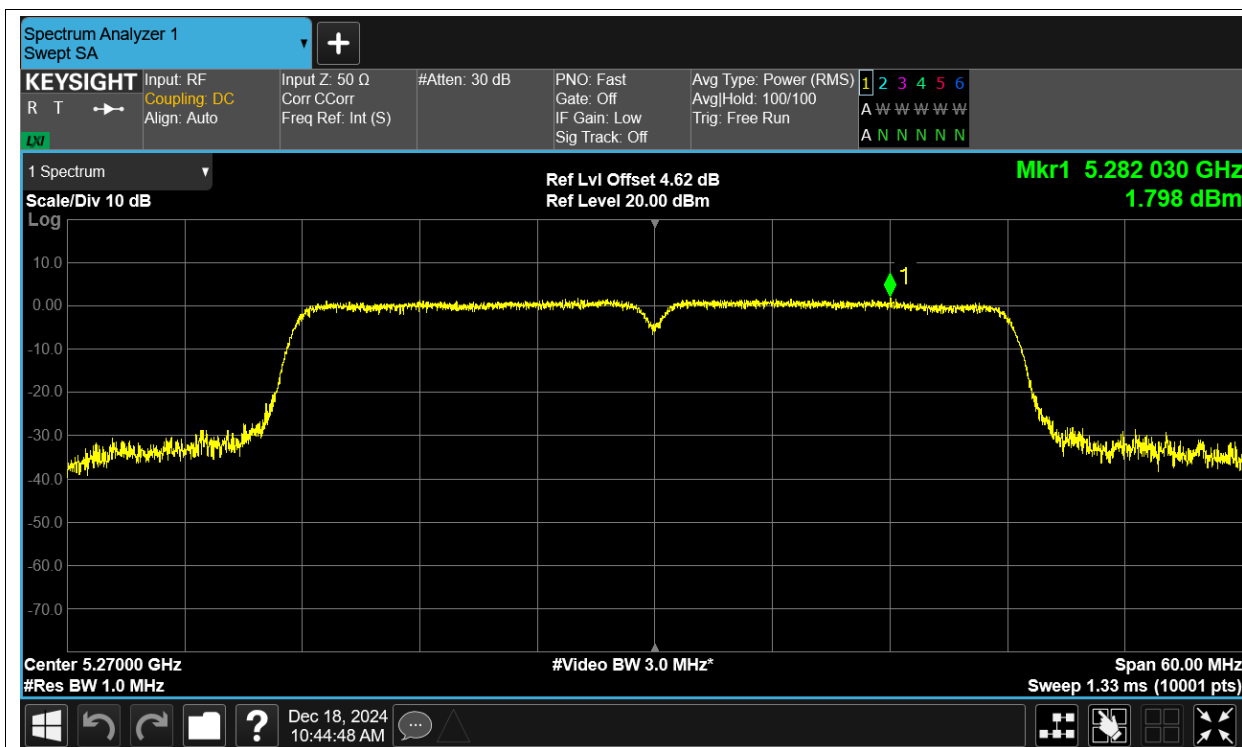
PSD NVNT n20 5300MHz Ant13



PSD NVNT n20 5320MHz Ant13



PSD NVNT n40 5270MHz Ant13



PSD NVNT n40 5310MHz Ant13

