

Test Data

Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant6	5259.9775	-4.28	Within authorized band	Pass
LVNT	a	5260	Ant6	5259.9775	-4.28		Pass
NVHT	a	5260	Ant6	5259.9775	-4.28		Pass
NVLT	a	5260	Ant6	5259.9775	-4.28		Pass
NVNT	a	5260	Ant6	5259.9775	-4.28		Pass
HVNT	ac80	5290	Ant6	5289.978	-4.16		Pass
LVNT	ac80	5290	Ant6	5289.978	-4.16		Pass
NVHT	ac80	5290	Ant6	5289.9785	-4.06		Pass
NVLT	ac80	5290	Ant6	5289.979	-3.97		Pass
NVNT	ac80	5290	Ant6	5289.9795	-3.88		Pass
HVNT	n40	5270	Ant6	5269.9815	-3.51		Pass
LVNT	n40	5270	Ant6	5269.982	-3.42		Pass
NVHT	n40	5270	Ant6	5269.982	-3.42		Pass
NVLT	n40	5270	Ant6	5269.9825	-3.32		Pass
NVNT	n40	5270	Ant6	5269.981	-3.61		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

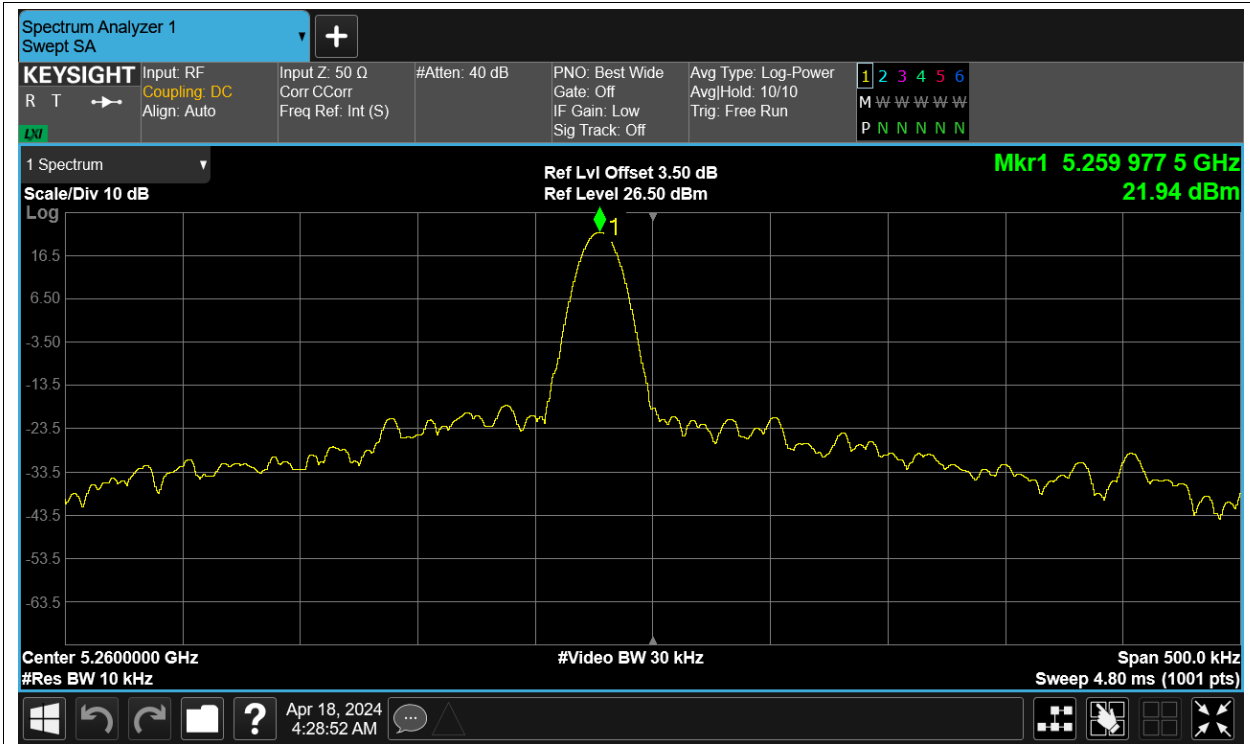
Freq. Stability HVNT a 5260MHz Ant6



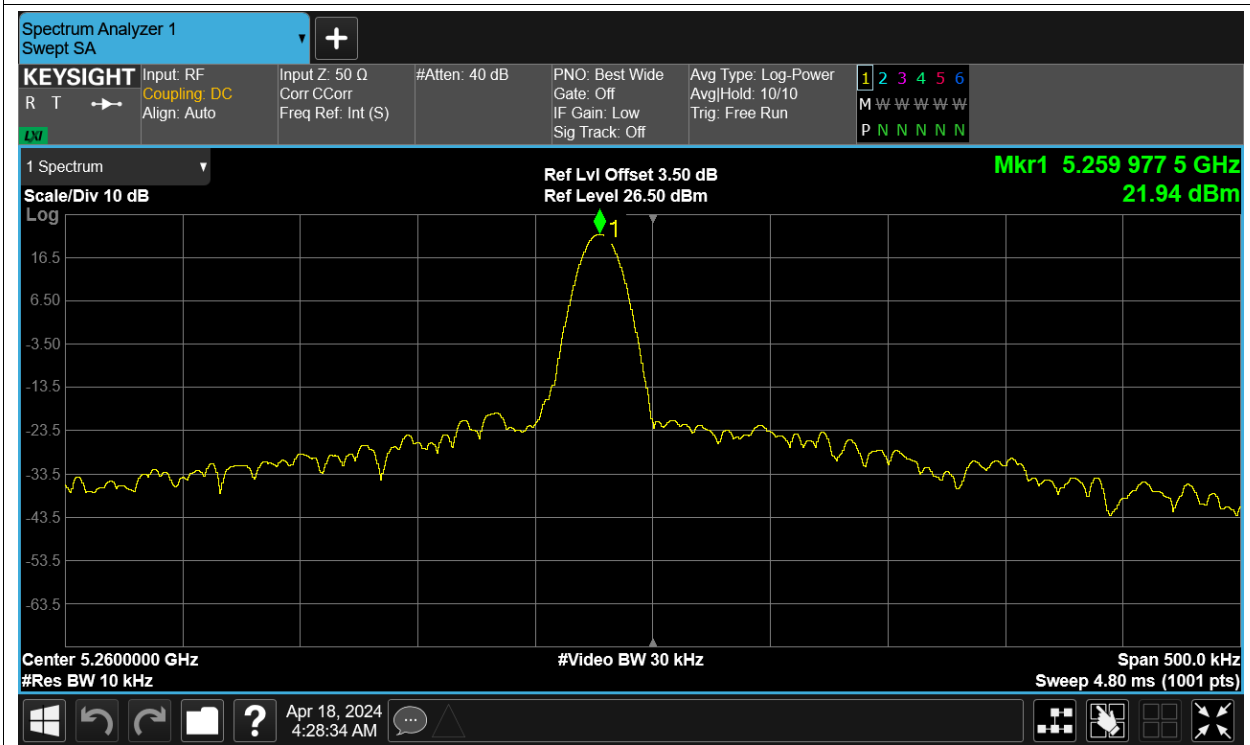
Freq. Stability LVNT a 5260MHz Ant6



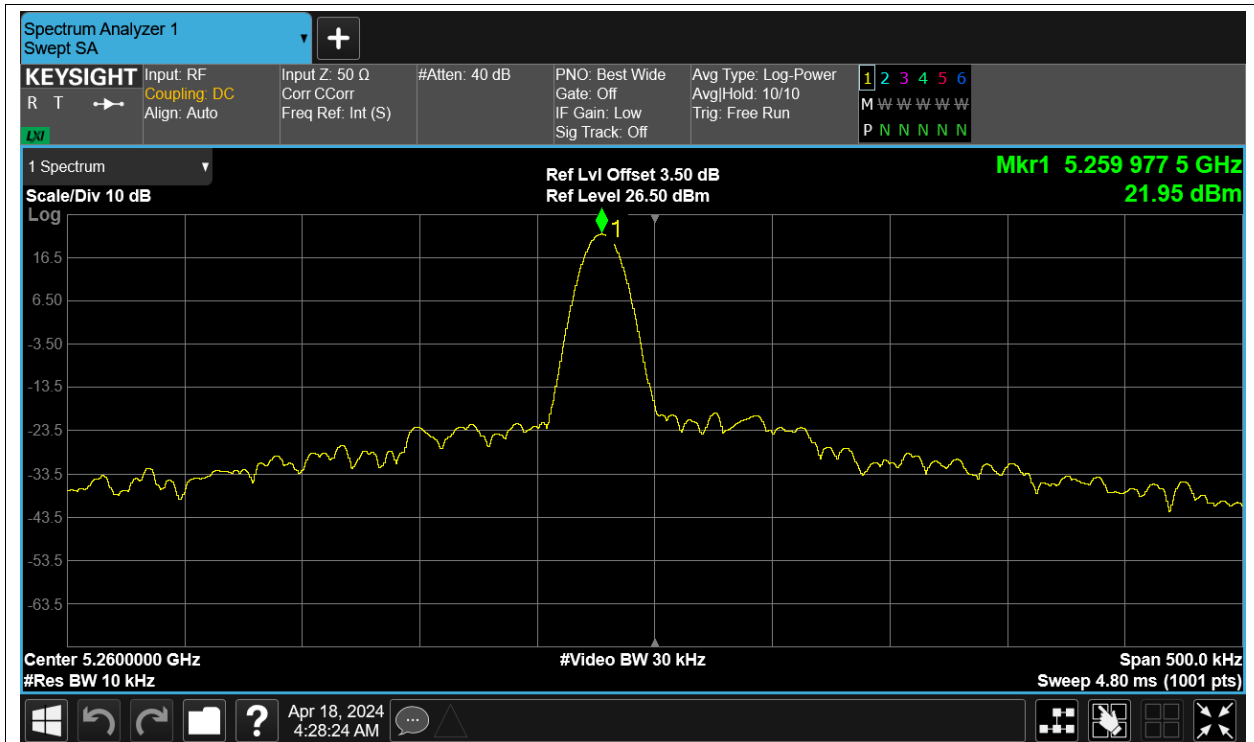
Freq. Stability NVHT a 5260MHz Ant6



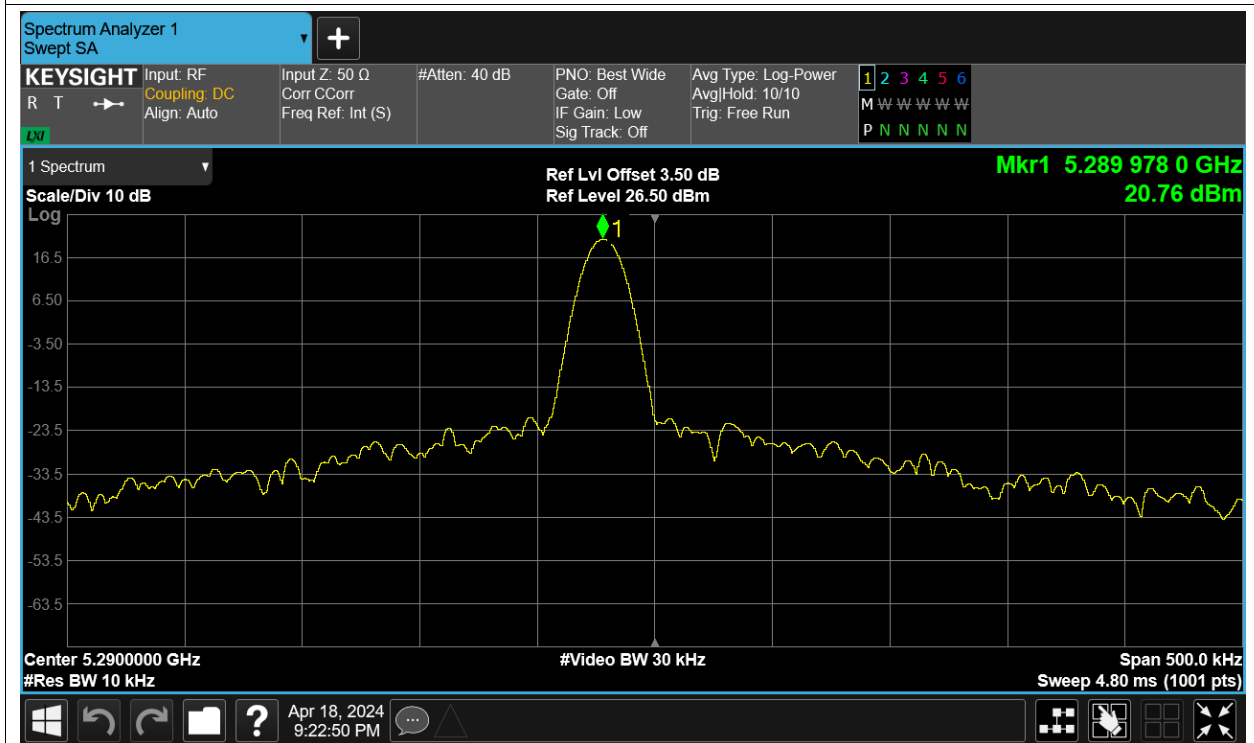
Freq. Stability NVLT a 5260MHz Ant6



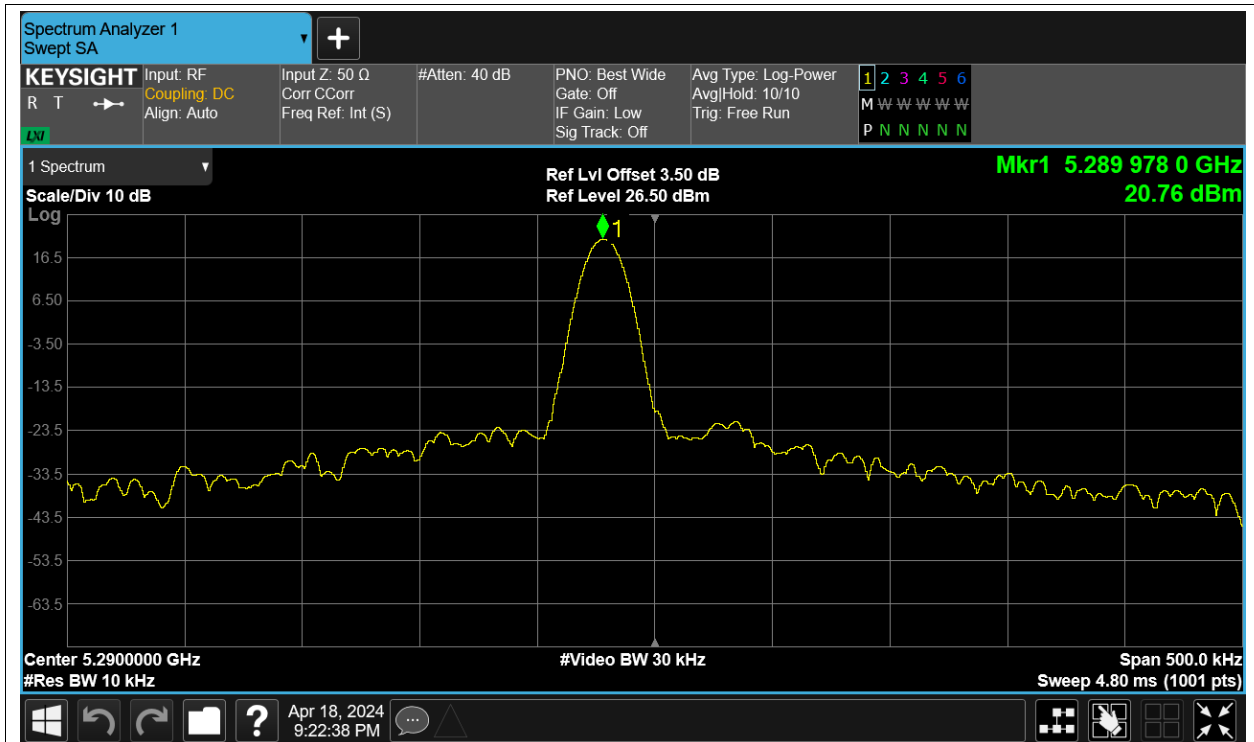
Freq. Stability NVNT a 5260MHz Ant6



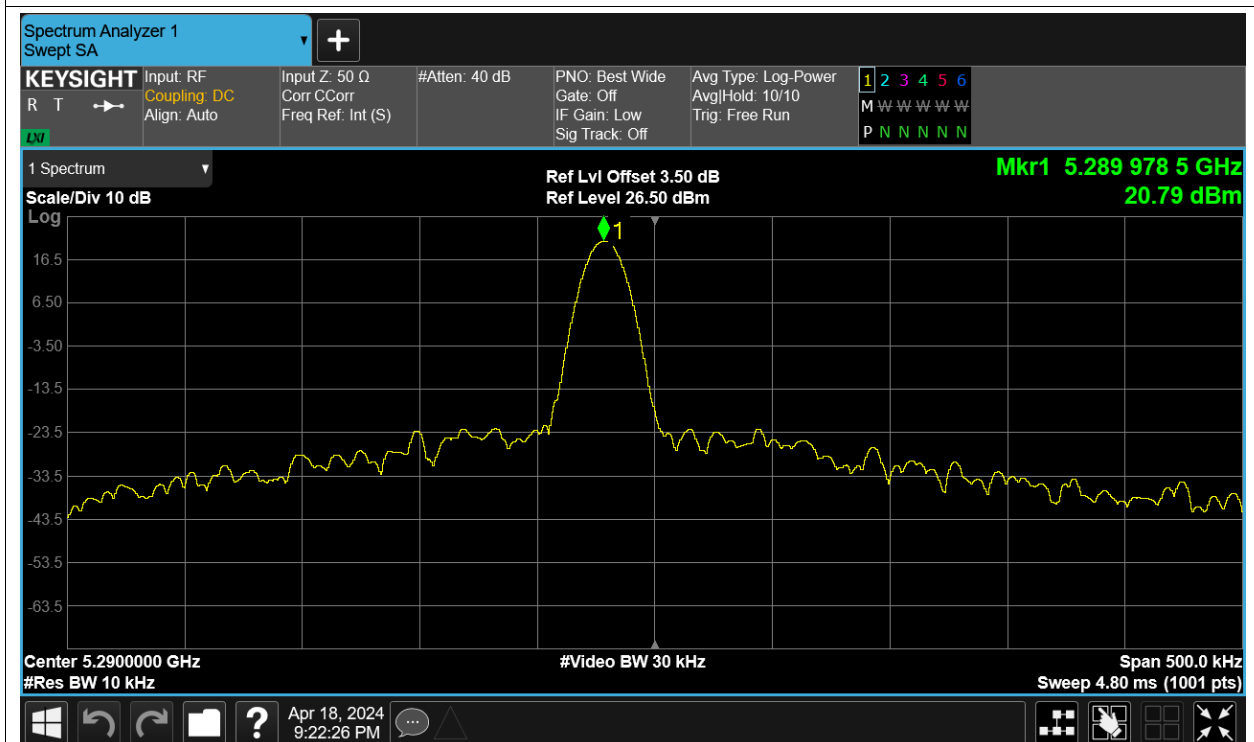
Freq. Stability HVNT ac80 5290MHz Ant6



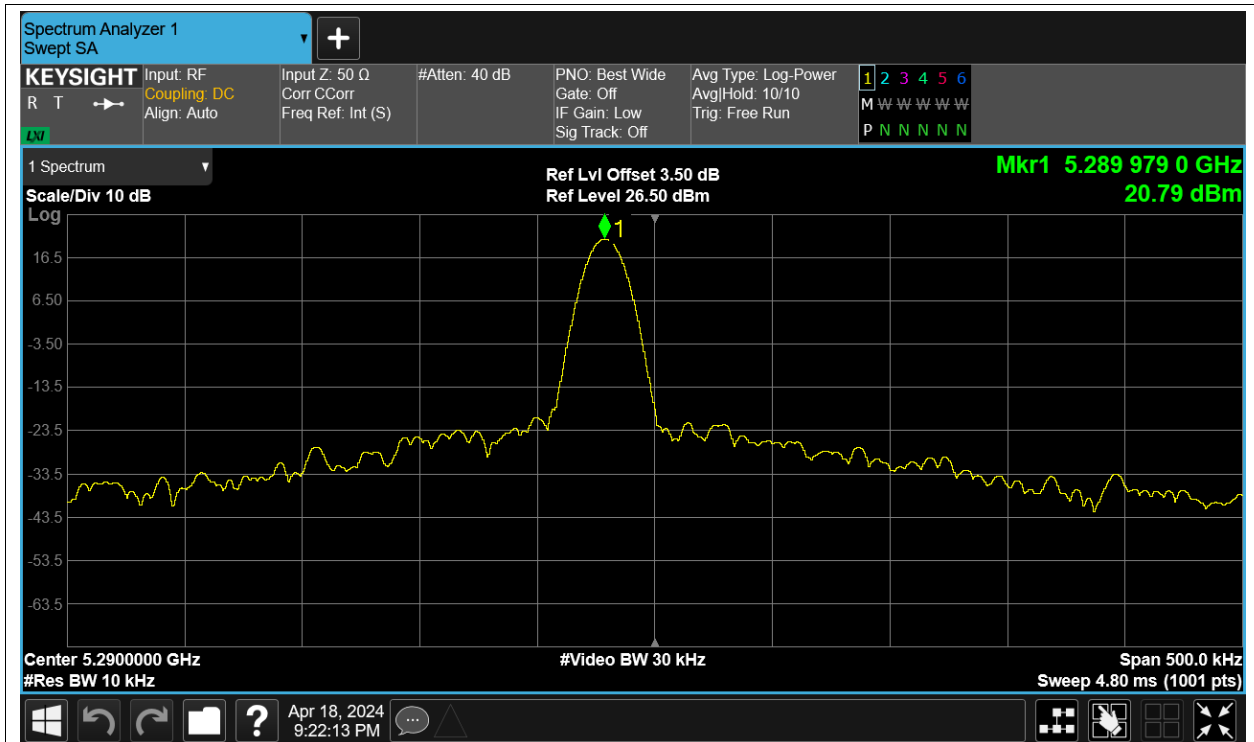
Freq. Stability LVNT ac80 5290MHz Ant6



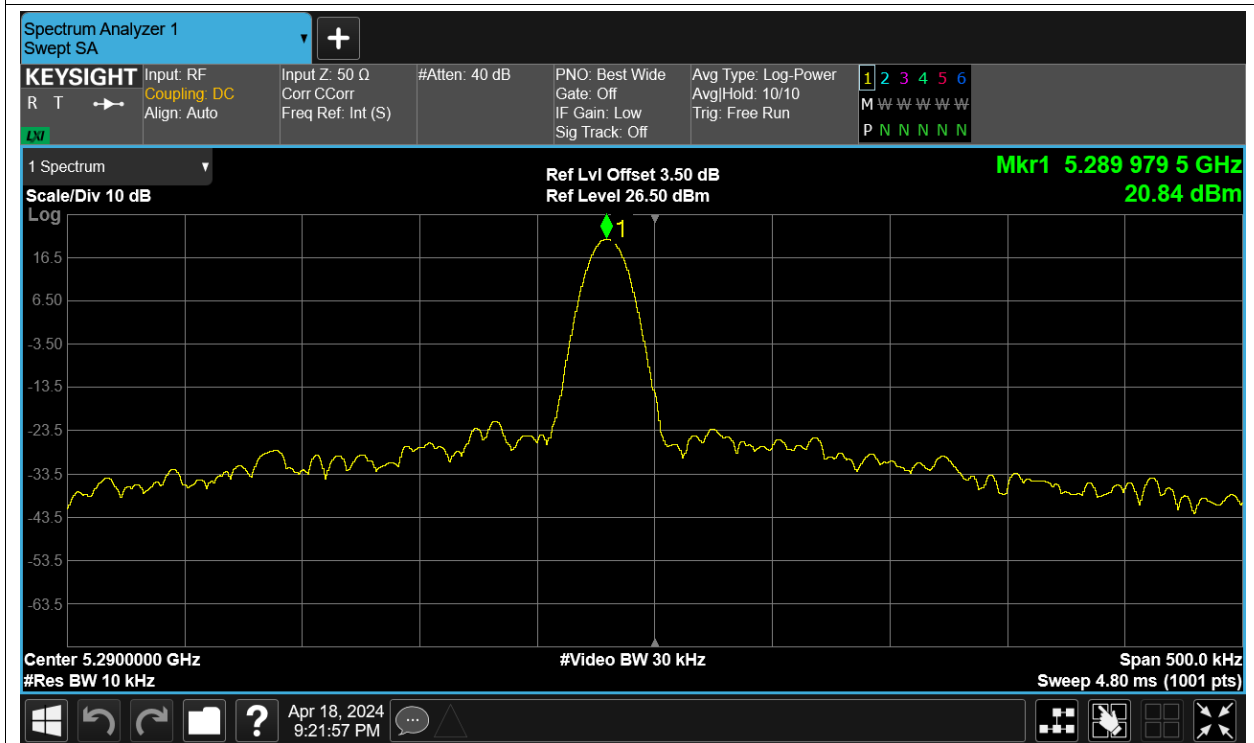
Freq. Stability NVHT ac80 5290MHz Ant6



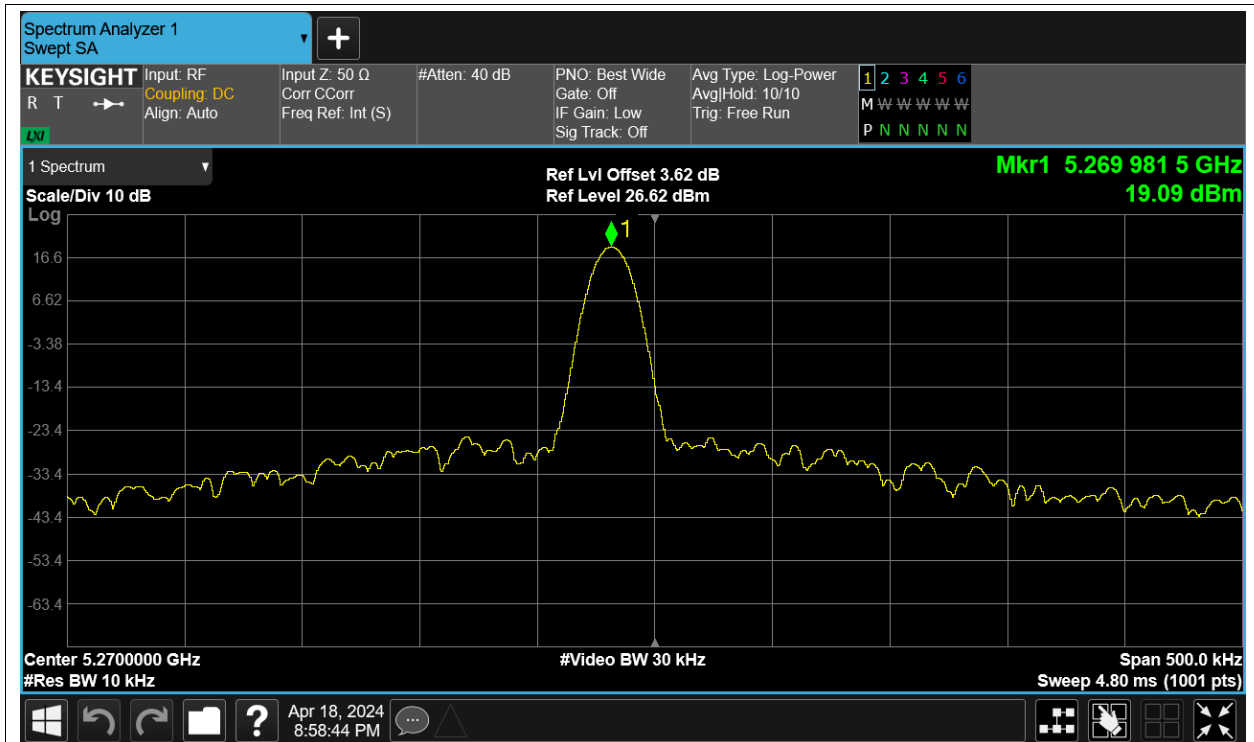
Freq. Stability NVLT ac80 5290MHz Ant6



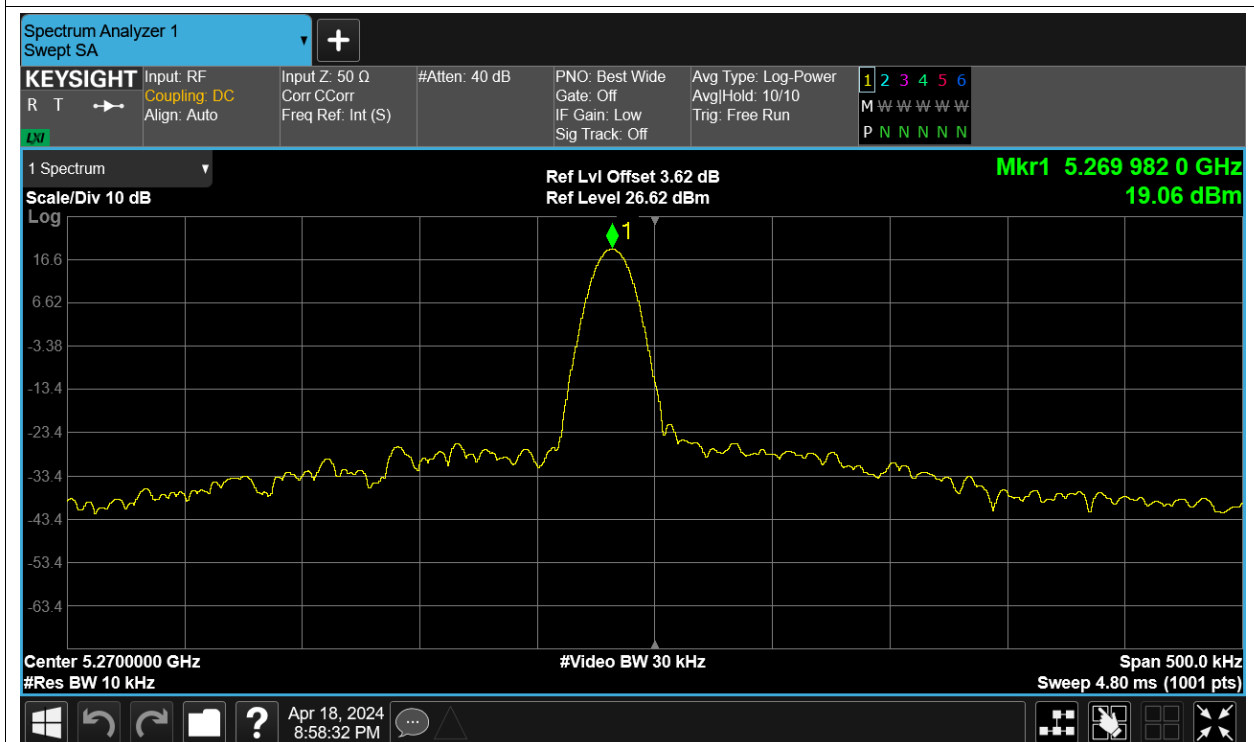
Freq. Stability NVNT ac80 5290MHz Ant6



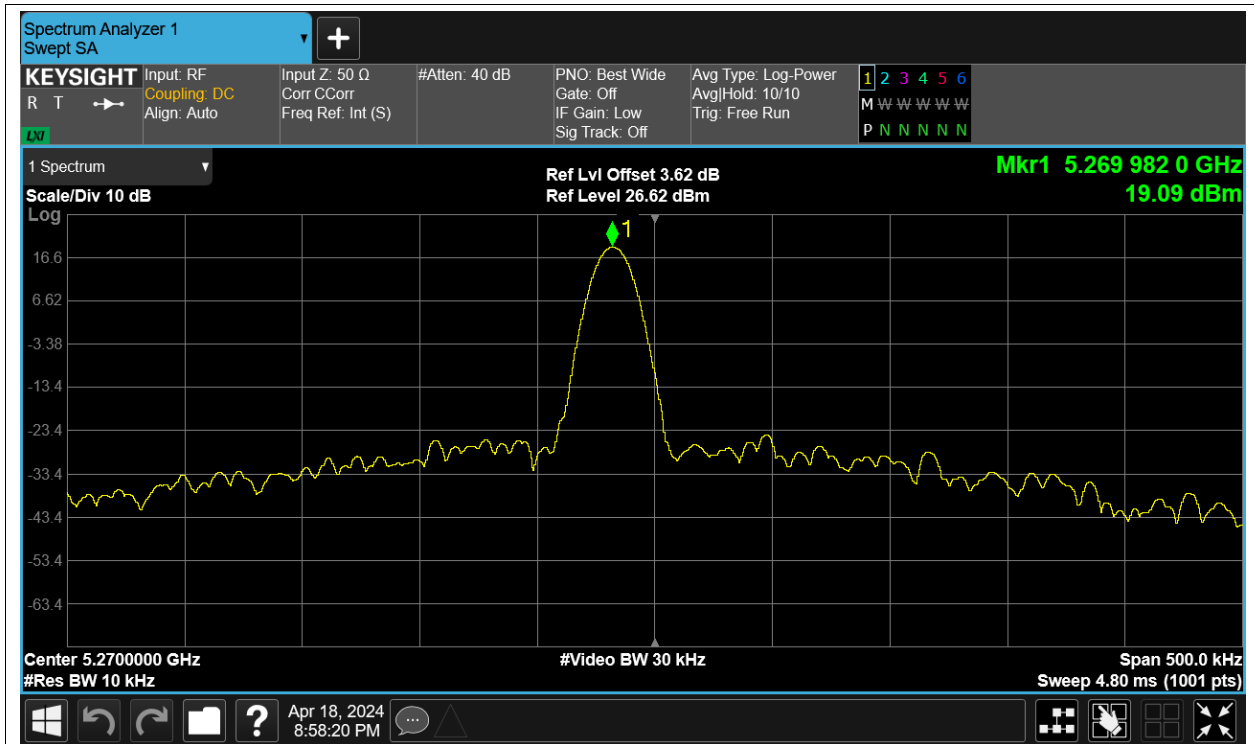
Freq. Stability HVNT n40 5270MHz Ant6



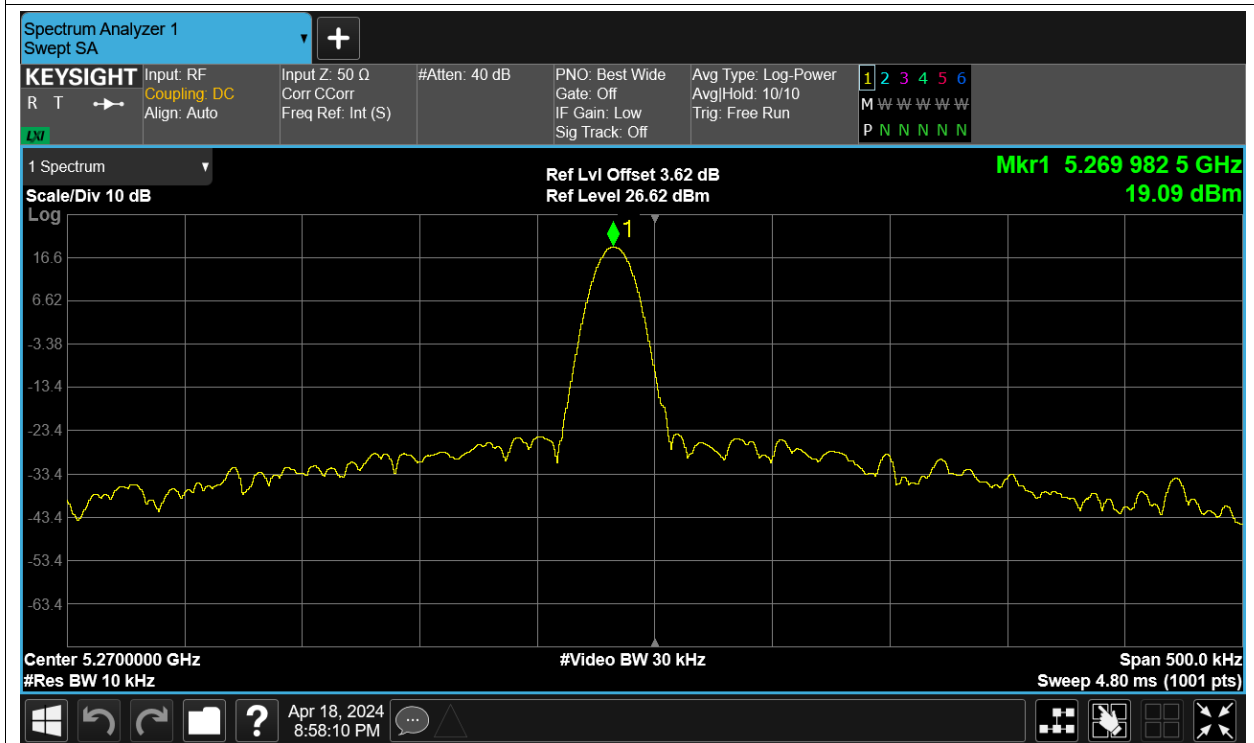
Freq. Stability LVNT n40 5270MHz Ant6



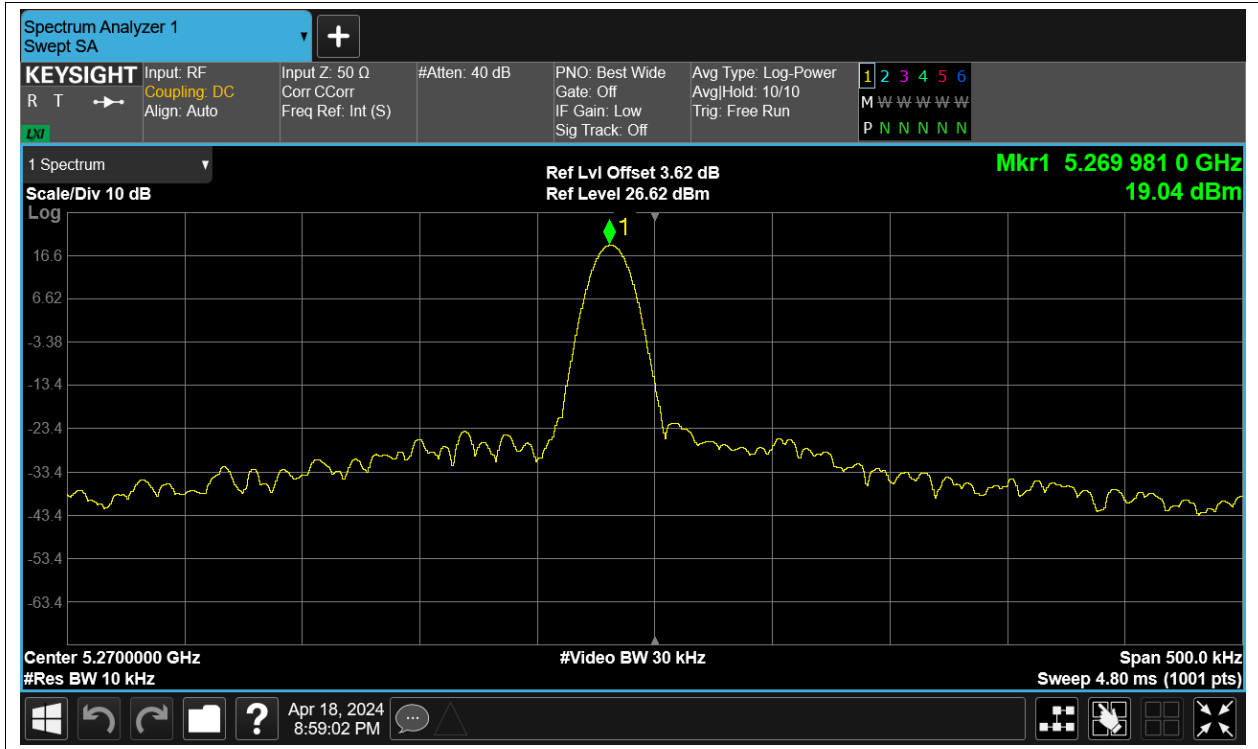
Freq. Stability NVHT n40 5270MHz Ant6



Freq. Stability NVLT n40 5270MHz Ant6



Freq. Stability NVNT n40 5270MHz Ant6

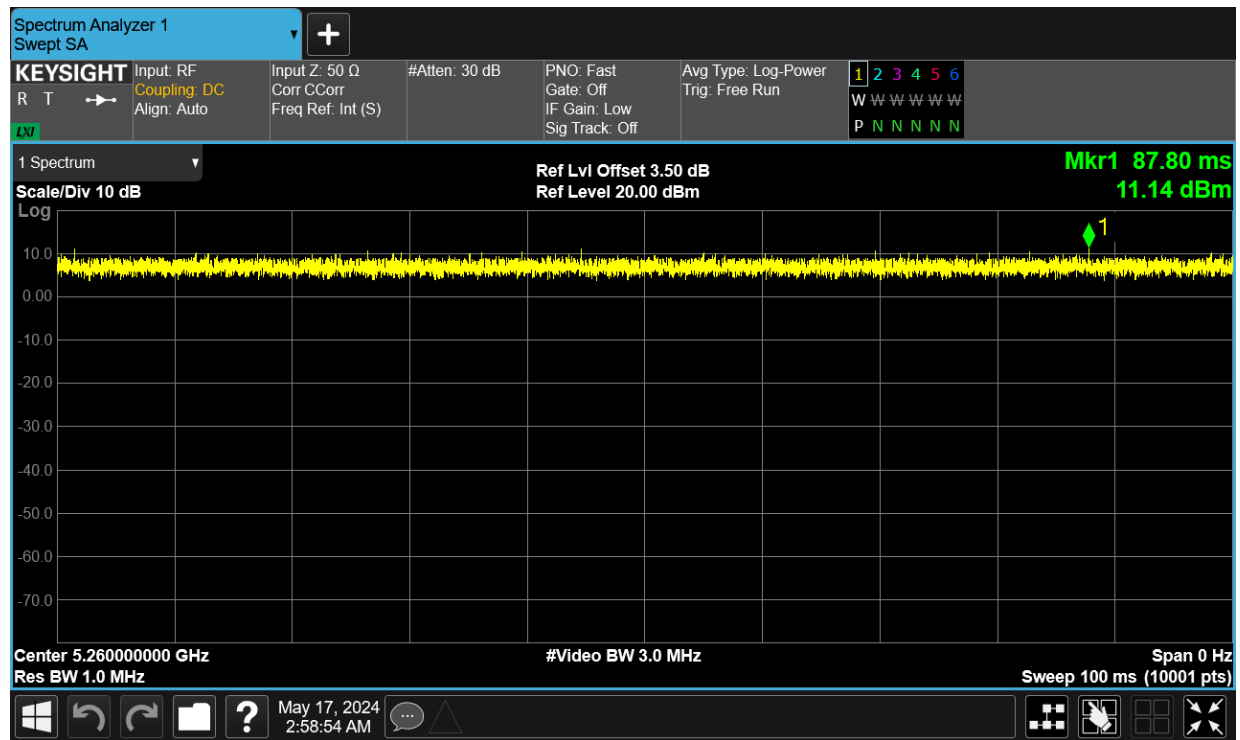


Duty Cycle

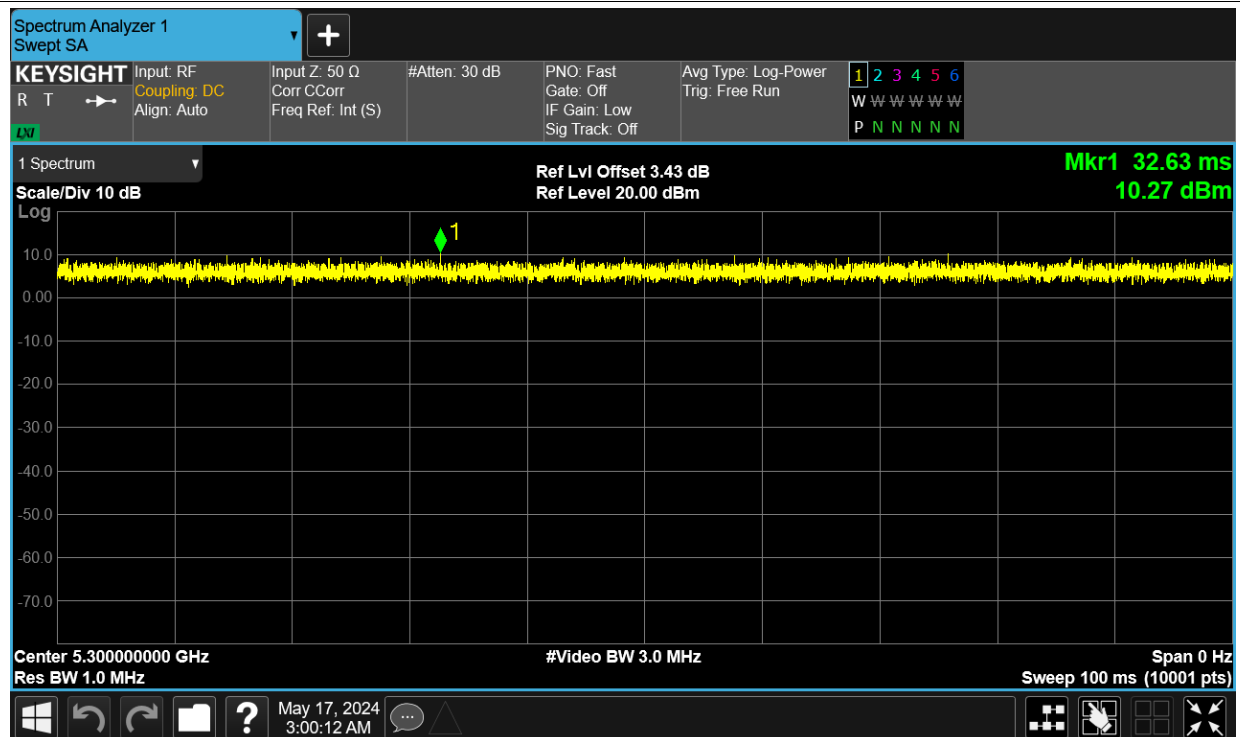
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant6	100	0
NVNT	a	5300	Ant6	100	0
NVNT	a	5320	Ant6	100	0
NVNT	ac20	5260	Ant6	100	0
NVNT	ac20	5300	Ant6	100	0
NVNT	ac20	5320	Ant6	100	0
NVNT	ac40	5270	Ant6	100	0
NVNT	ac40	5310	Ant6	100	0
NVNT	ac80	5290	Ant6	100	0
NVNT	n20	5260	Ant6	100	0
NVNT	n20	5300	Ant6	100	0
NVNT	n20	5320	Ant6	100	0
NVNT	n40	5270	Ant6	100	0
NVNT	n40	5310	Ant6	100	0

Test Graphs

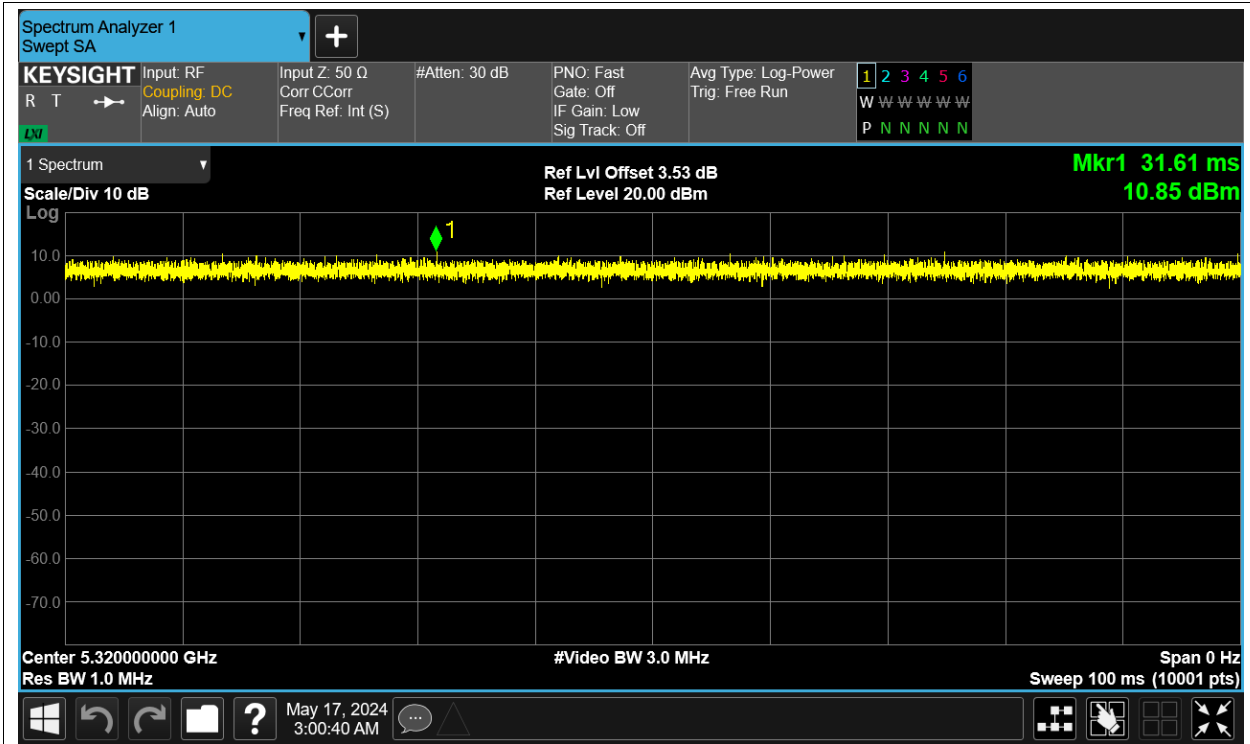
Duty Cycle NVNT a 5260MHz Ant6



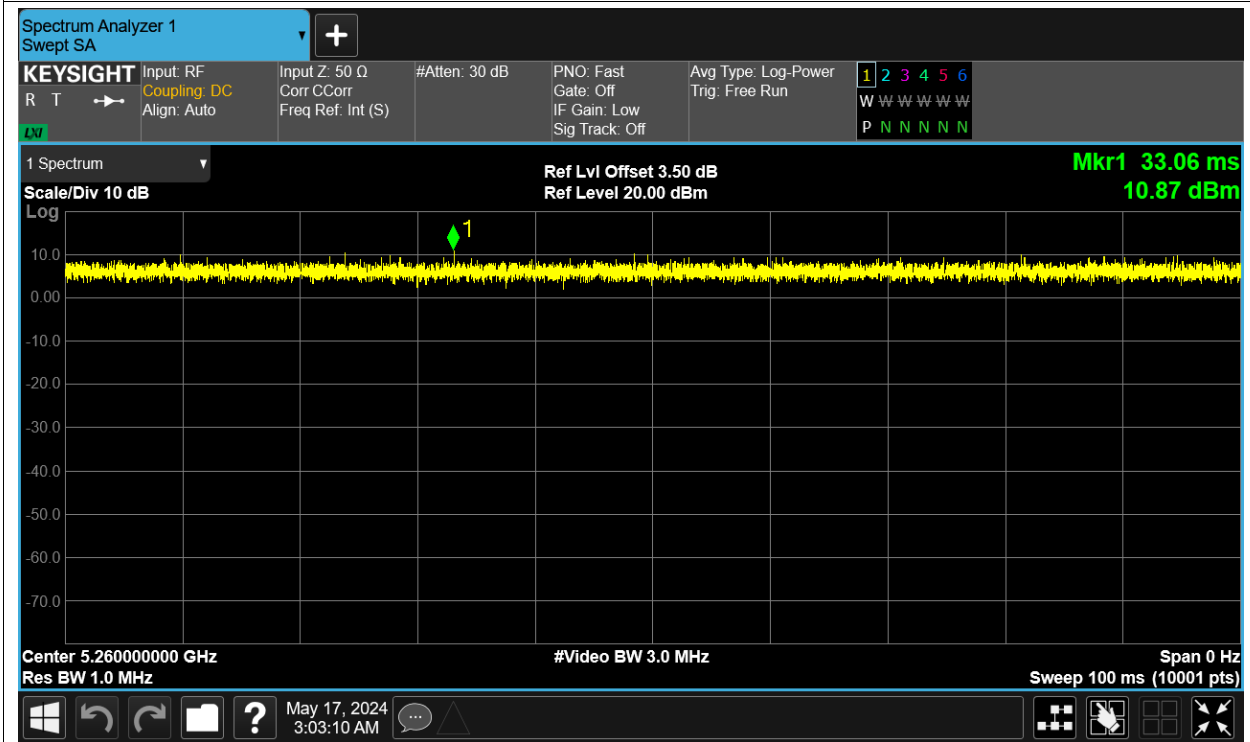
Duty Cycle NVNT a 5300MHz Ant6



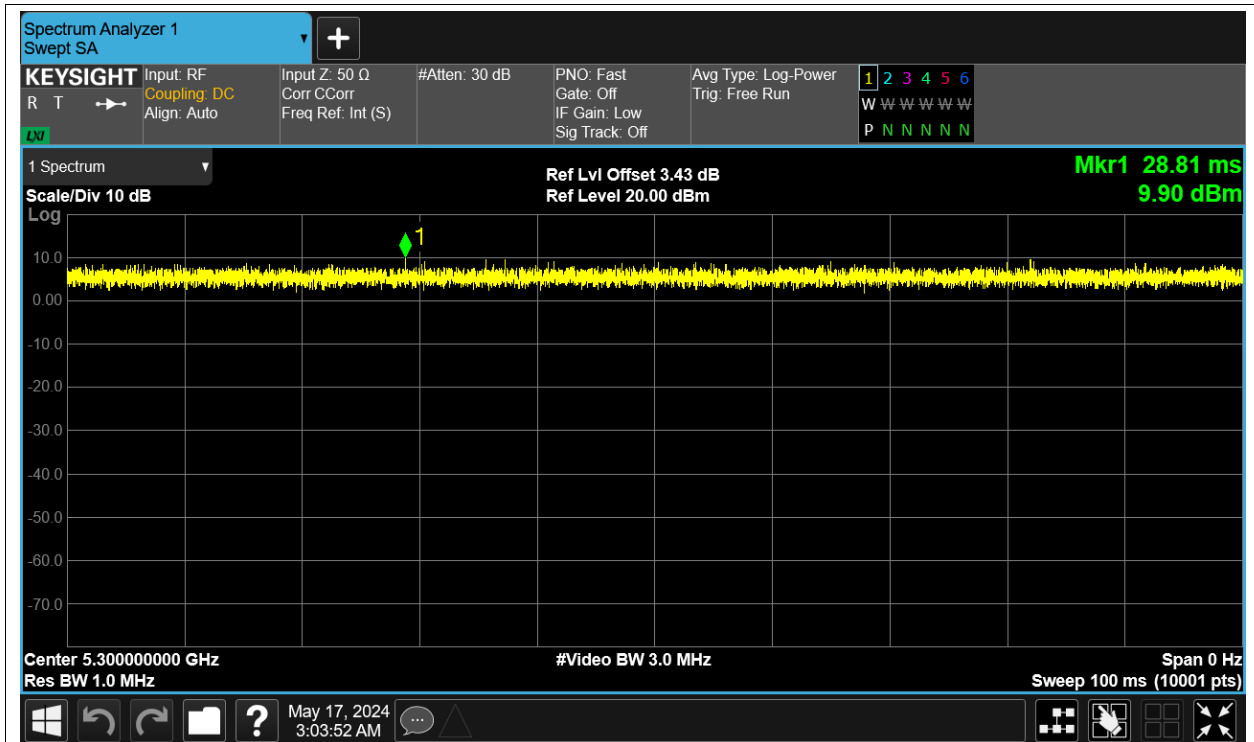
Duty Cycle NVNT a 5320MHz Ant6



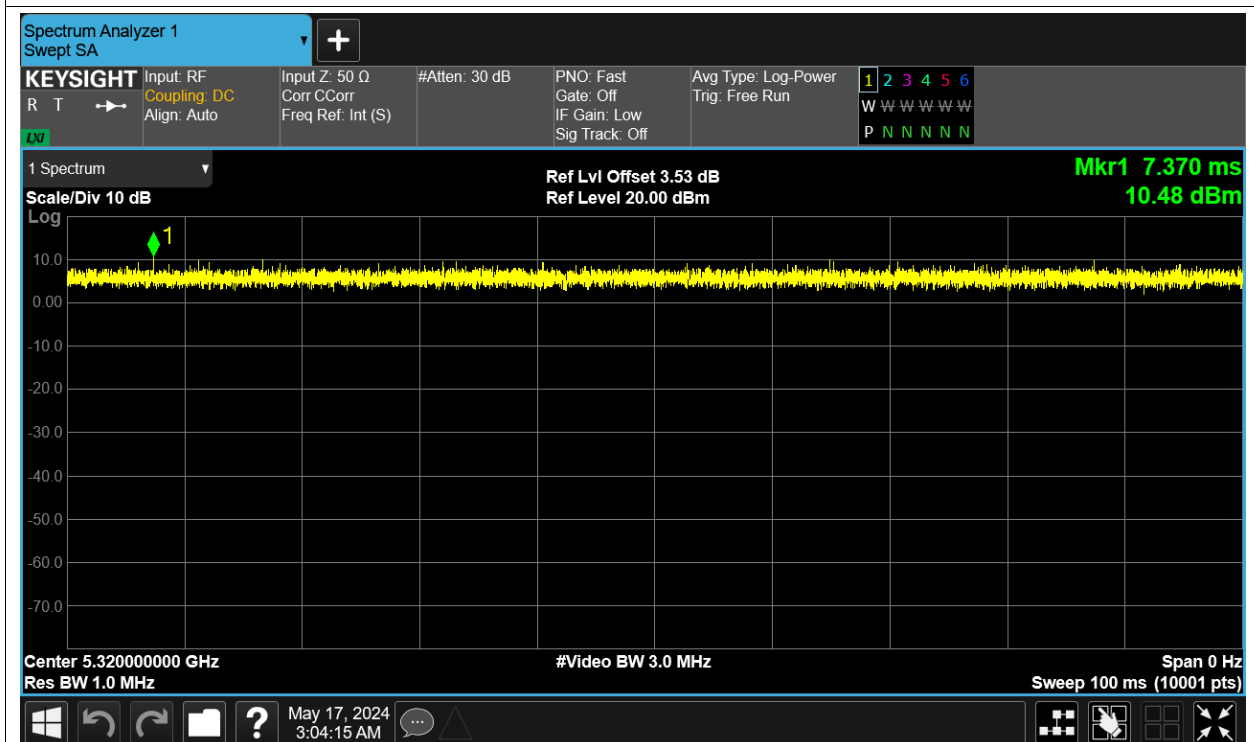
Duty Cycle NVNT ac20 5260MHz Ant6



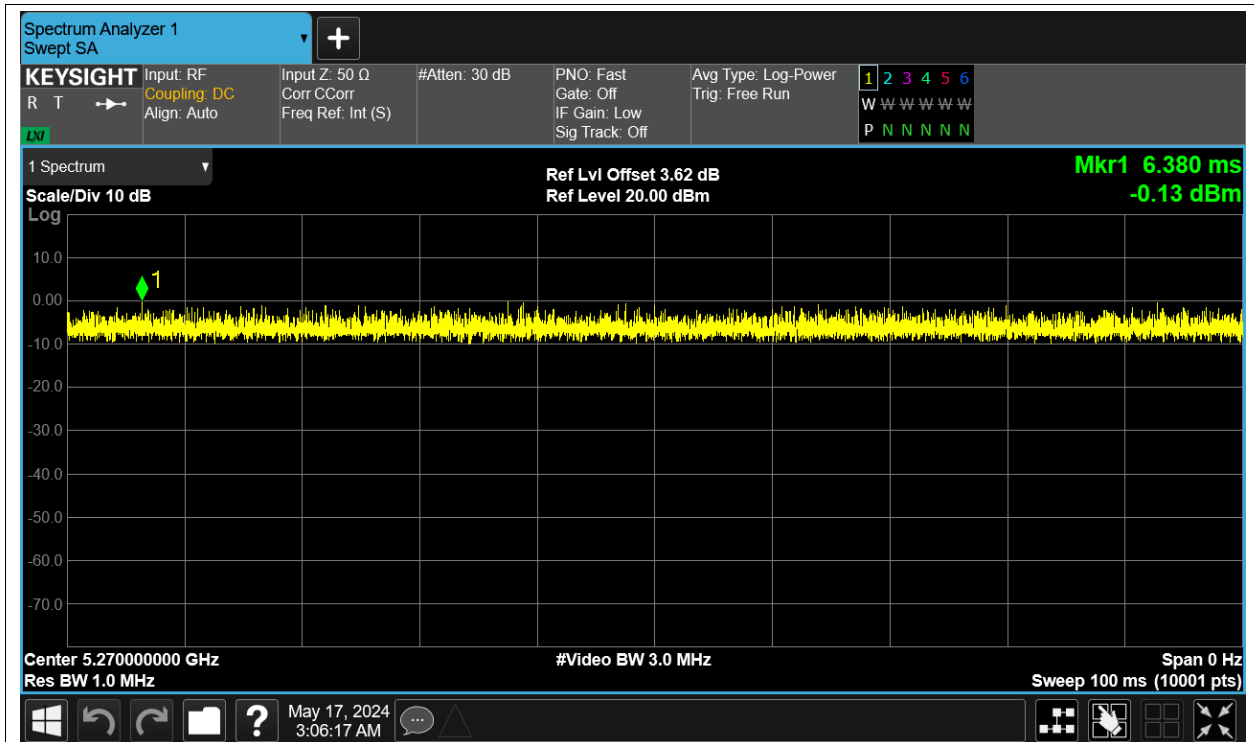
Duty Cycle NVNT ac20 5300MHz Ant6



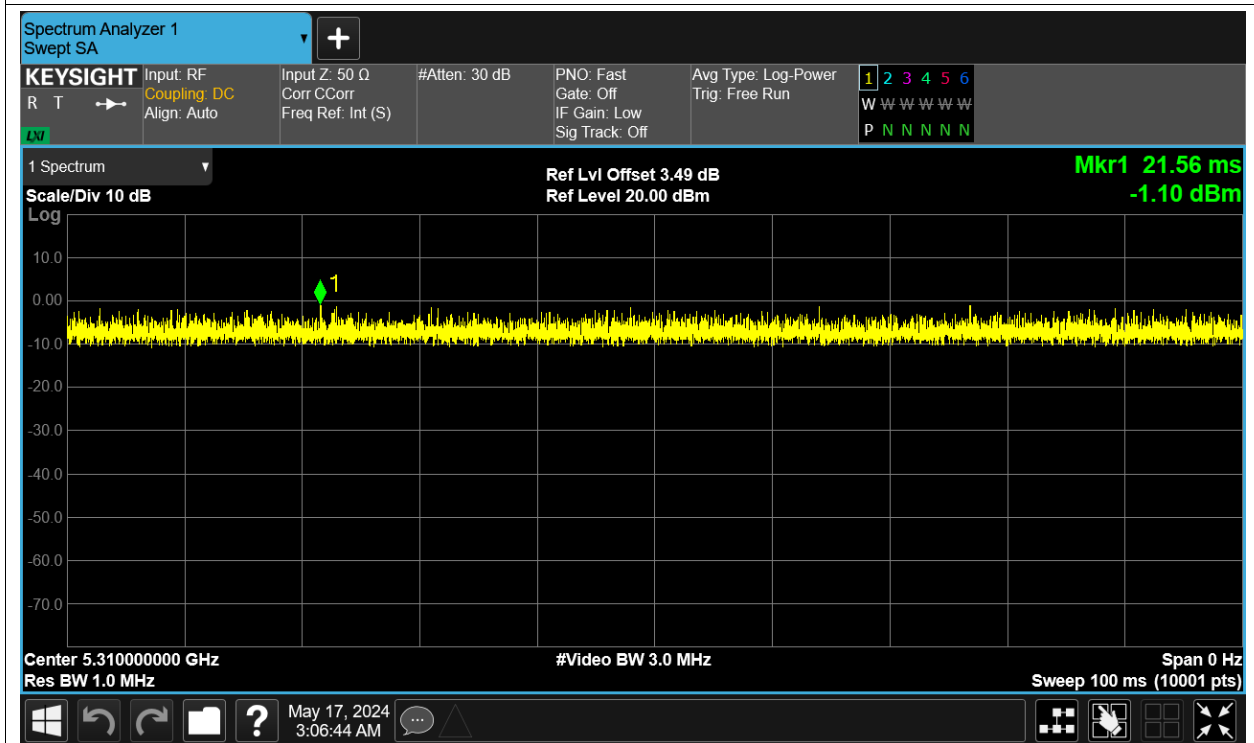
Duty Cycle NVNT ac20 5320MHz Ant6



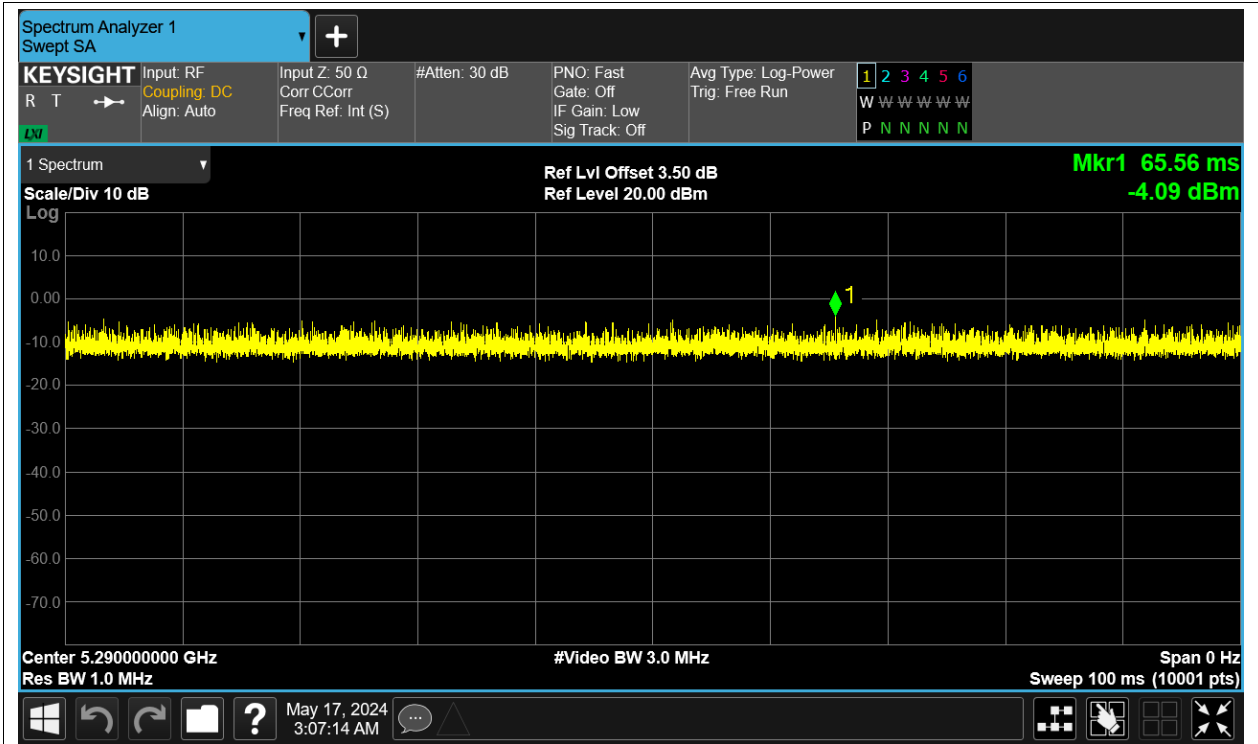
Duty Cycle NVNT ac40 5270MHz Ant6



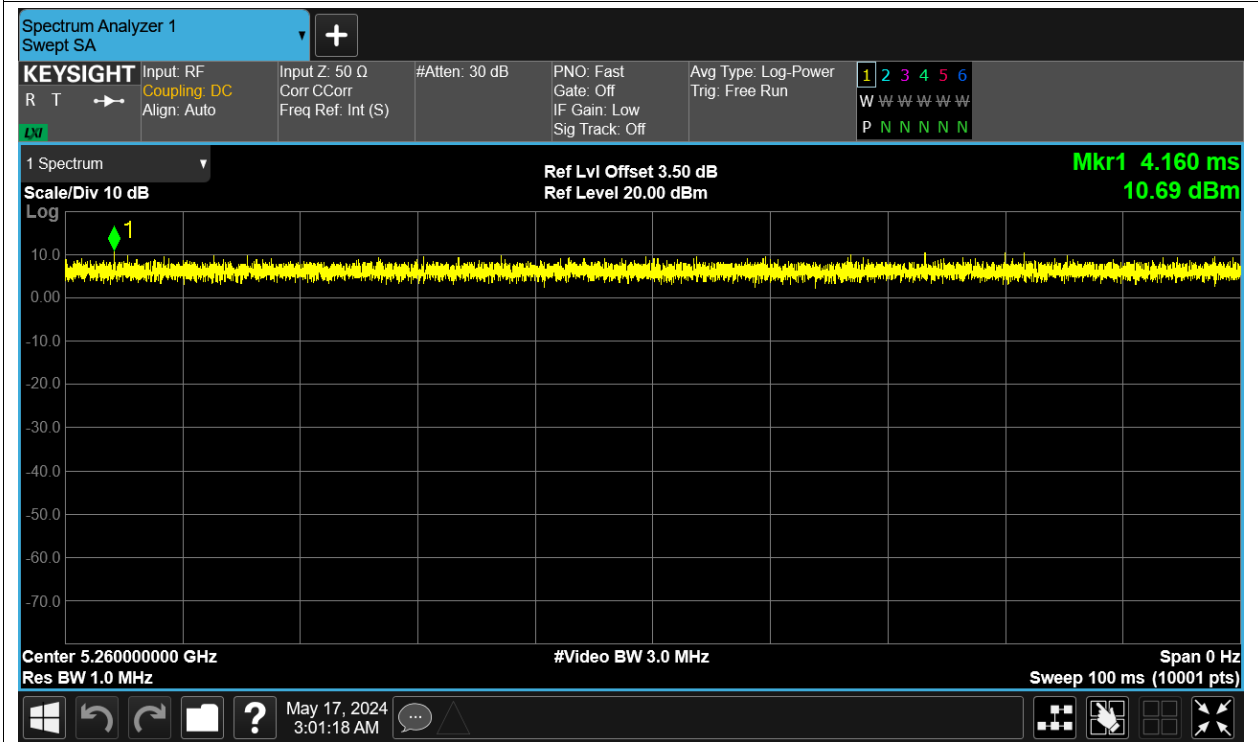
Duty Cycle NVNT ac40 5310MHz Ant6



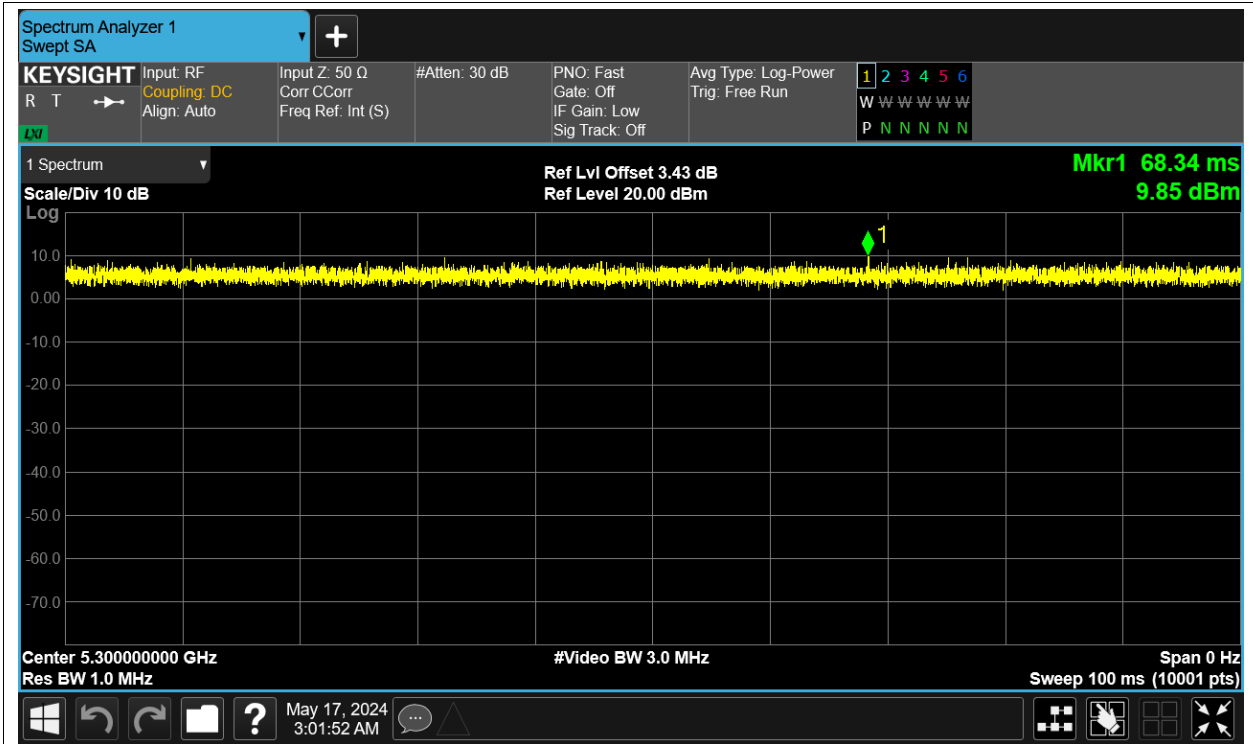
Duty Cycle NVNT ac80 5290MHz Ant6



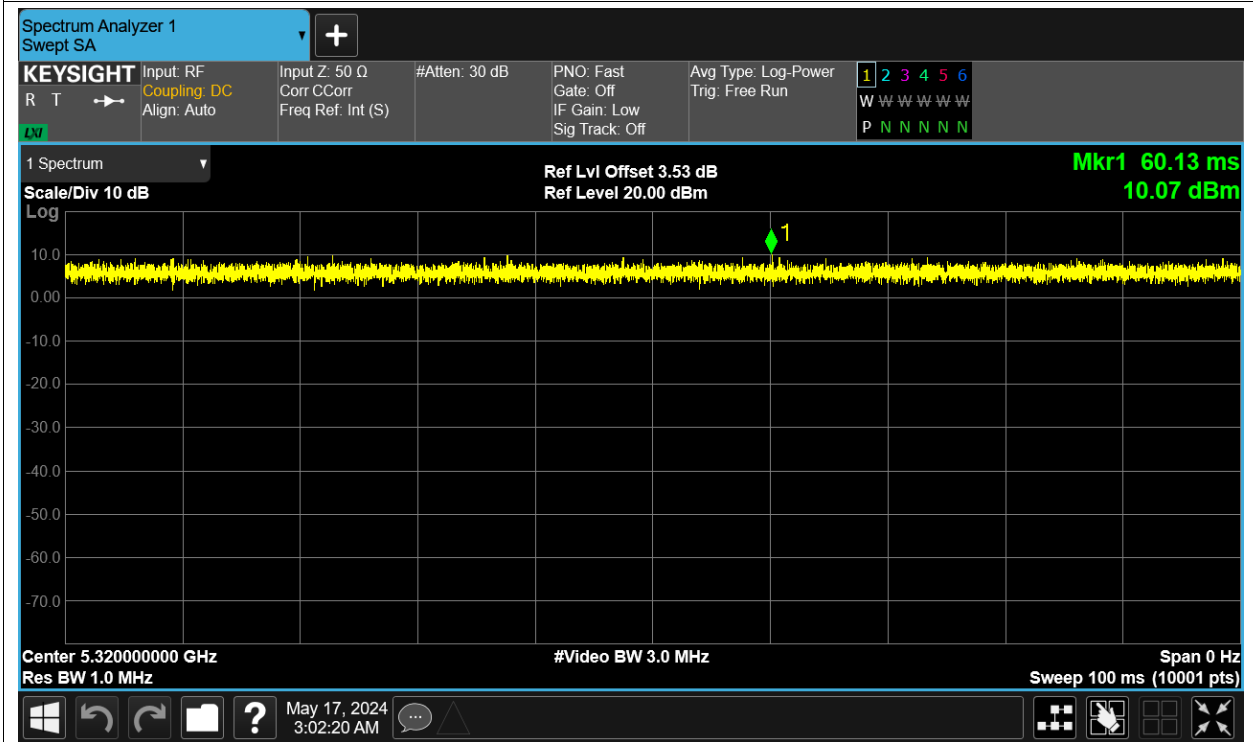
Duty Cycle NVNT n20 5260MHz Ant6



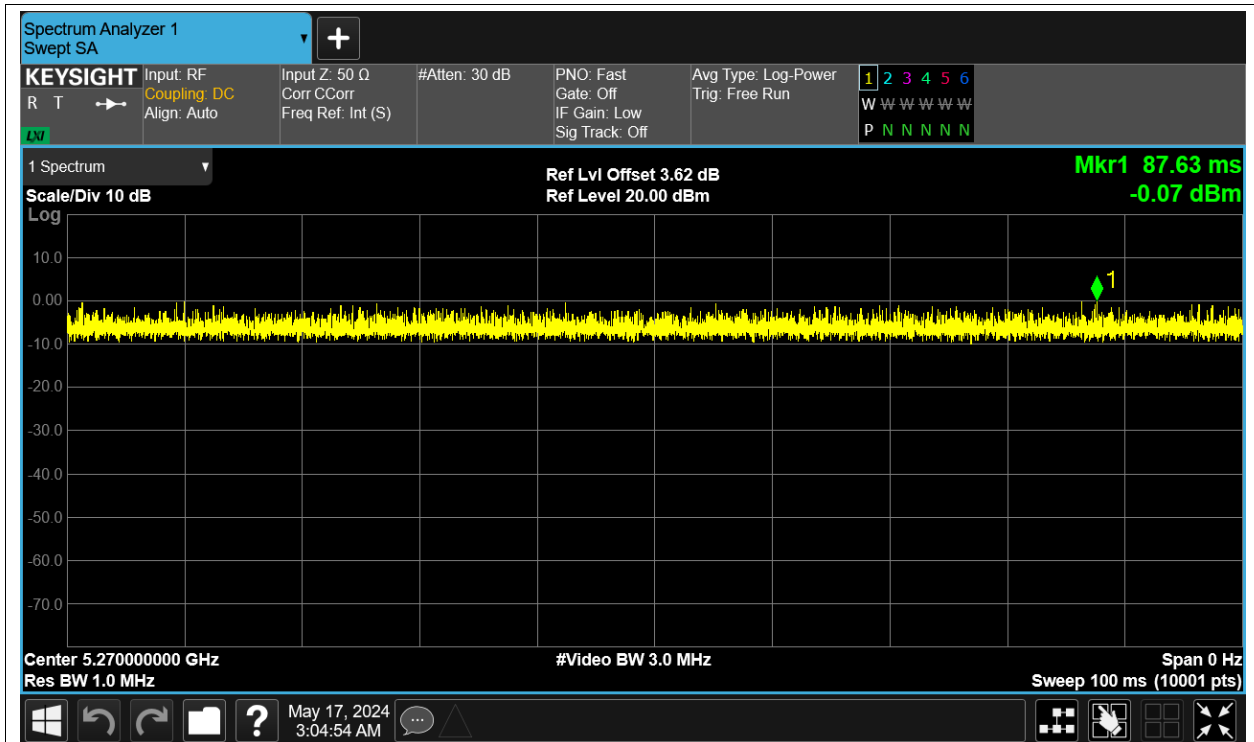
Duty Cycle NVNT n20 5300MHz Ant6



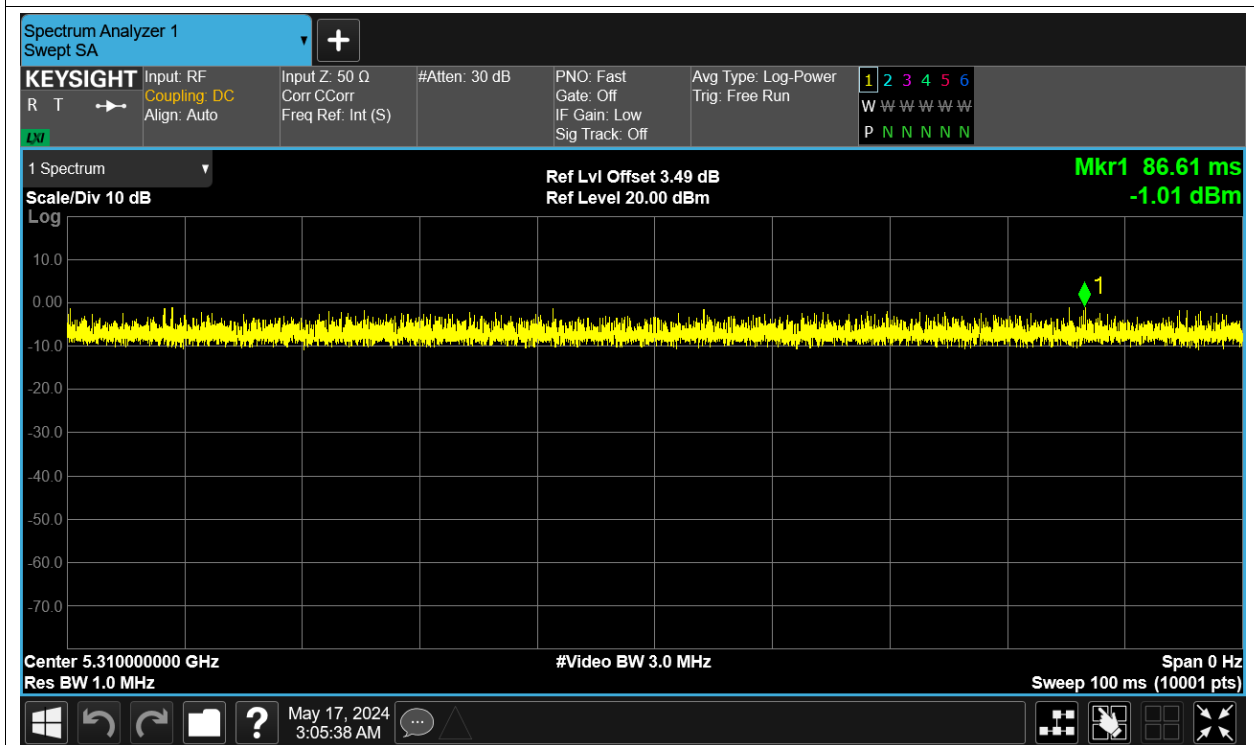
Duty Cycle NVNT n20 5320MHz Ant6



Duty Cycle NVNT n40 5270MHz Ant6



Duty Cycle NVNT n40 5310MHz Ant6



Maximum Conducted Output Power

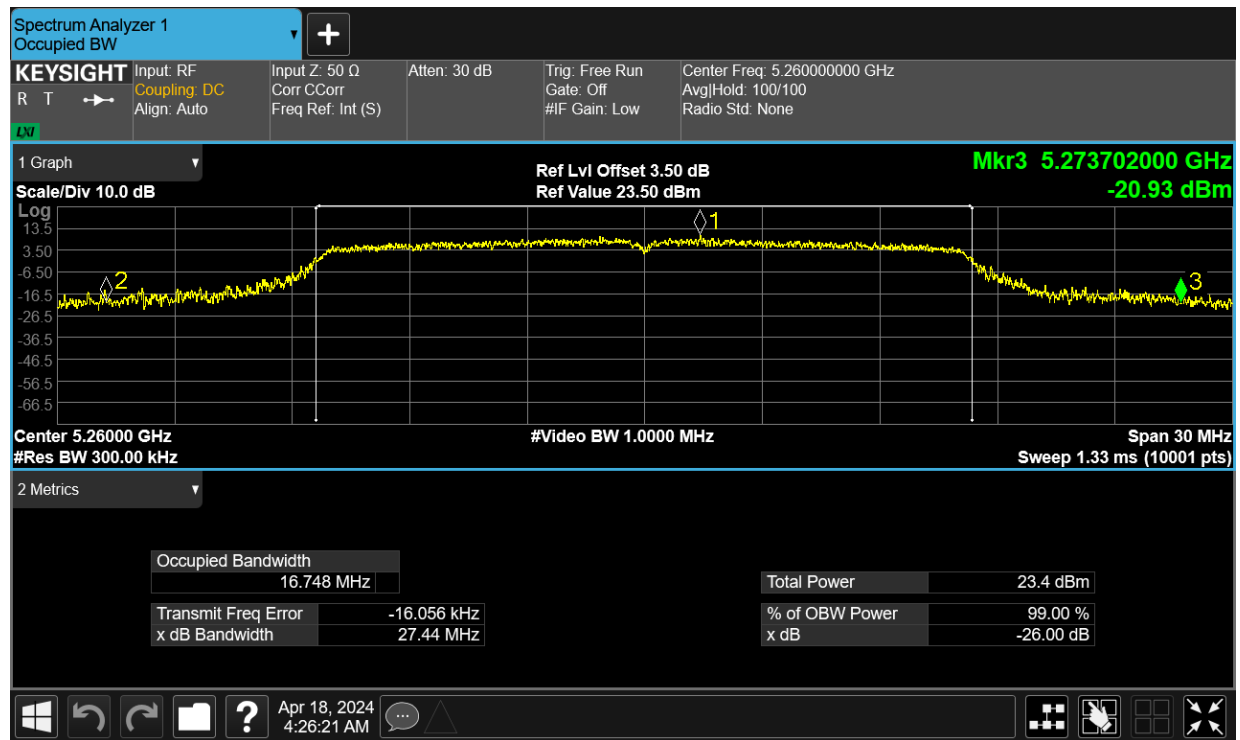
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant6	12.97	0	12.97	24	Pass
NVNT	a	5300	Ant6	13.79	0	13.79	24	Pass
NVNT	a	5320	Ant6	13.53	0	13.53	24	Pass
NVNT	ac20	5260	Ant6	12.34	0	12.34	24	Pass
NVNT	ac20	5300	Ant6	13.37	0	13.37	24	Pass
NVNT	ac20	5320	Ant6	12.84	0	12.84	24	Pass
NVNT	ac40	5270	Ant6	6.74	0	6.74	24	Pass
NVNT	ac40	5310	Ant6	7.18	0	7.18	24	Pass
NVNT	ac80	5290	Ant6	5.9	0	5.9	24	Pass
NVNT	n20	5260	Ant6	12.38	0	12.38	24	Pass
NVNT	n20	5300	Ant6	13.3	0	13.3	24	Pass
NVNT	n20	5320	Ant6	12.87	0	12.87	24	Pass
NVNT	n40	5270	Ant6	6.88	0	6.88	24	Pass
NVNT	n40	5310	Ant6	7.32	0	7.32	24	Pass

-26dB Bandwidth

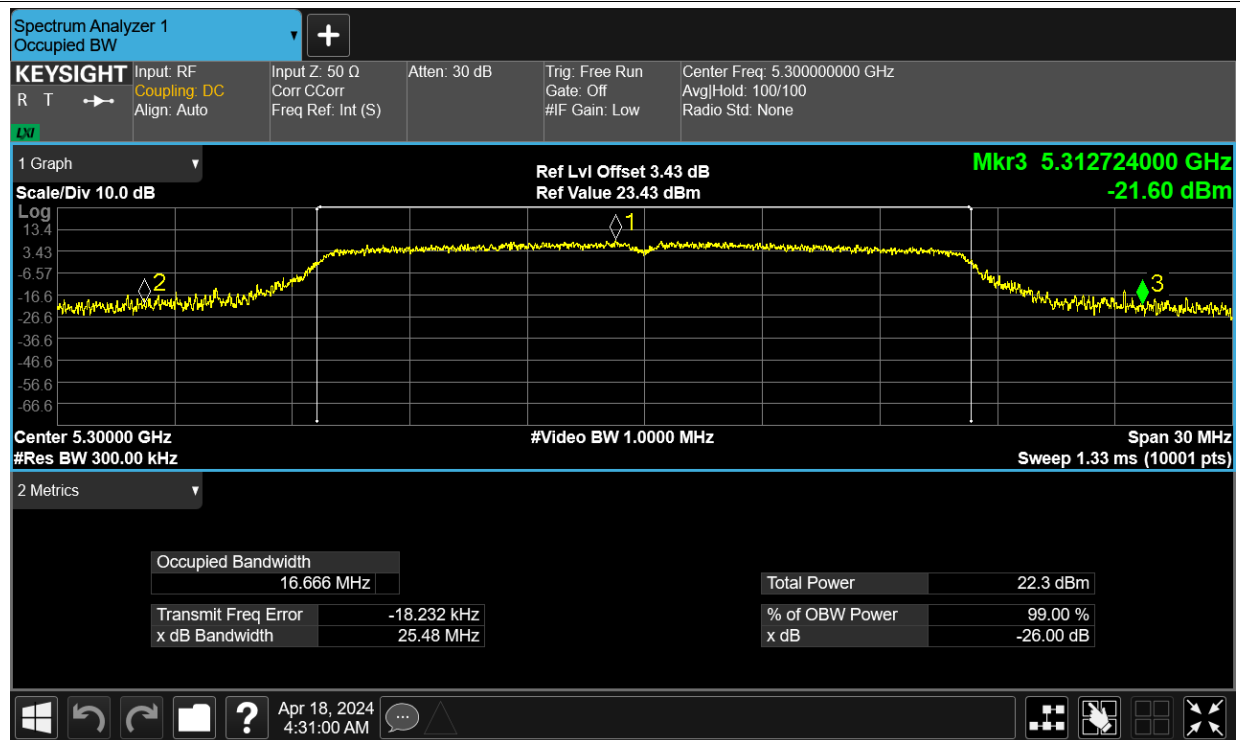
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant6	27.436
NVNT	a	5300	Ant6	25.485
NVNT	a	5320	Ant6	25.143
NVNT	ac20	5260	Ant6	23.265
NVNT	ac20	5300	Ant6	20.355
NVNT	ac20	5320	Ant6	20.399
NVNT	ac40	5270	Ant6	40.373
NVNT	ac40	5310	Ant6	40.316
NVNT	ac80	5290	Ant6	79.284
NVNT	n20	5260	Ant6	23.916
NVNT	n20	5300	Ant6	22.036
NVNT	n20	5320	Ant6	26.51
NVNT	n40	5270	Ant6	39.841
NVNT	n40	5310	Ant6	39.807

Test Graphs

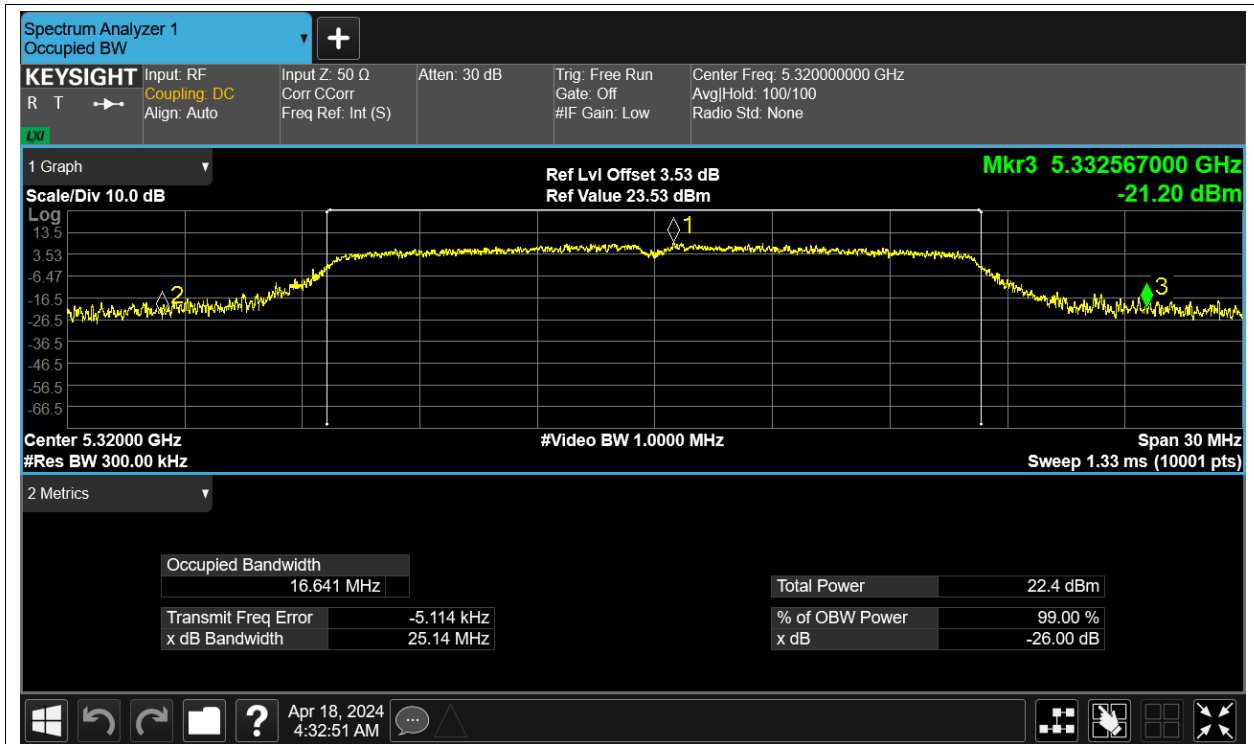
-26dB Bandwidth NVNT a 5260MHz Ant6



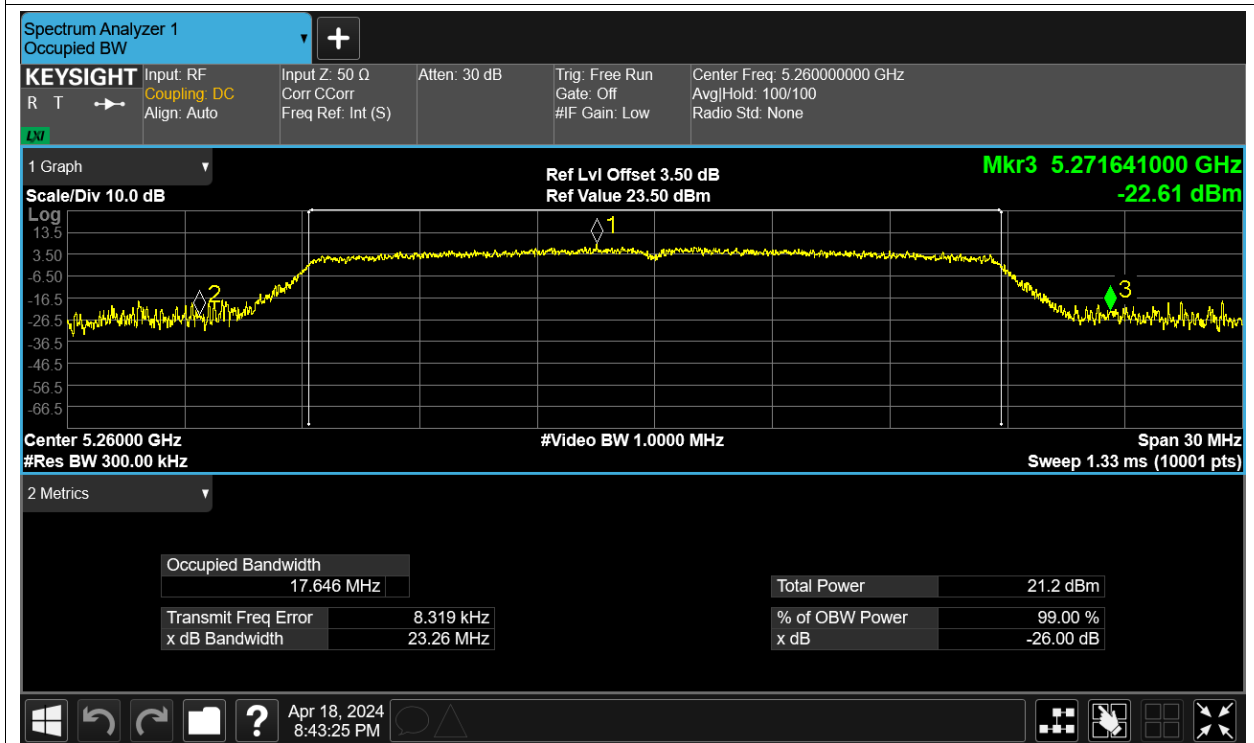
-26dB Bandwidth NVNT a 5300MHz Ant6



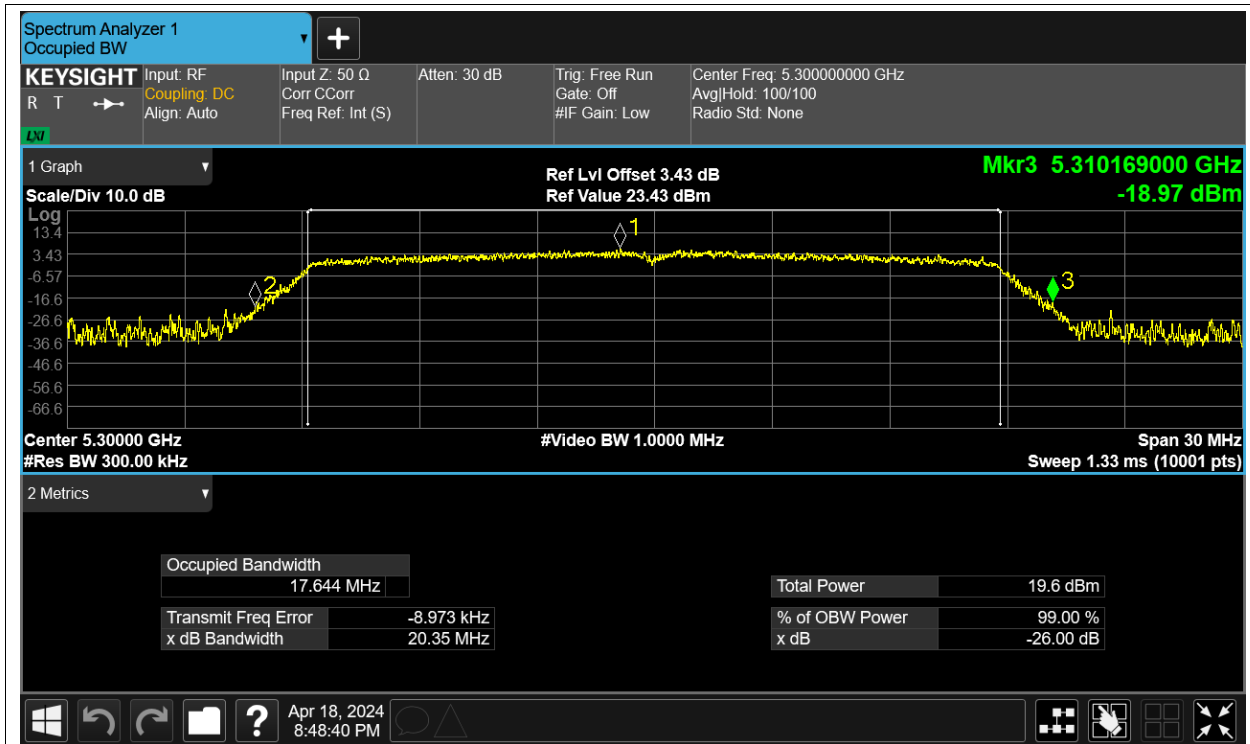
-26dB Bandwidth NVNT a 5320MHz Ant6



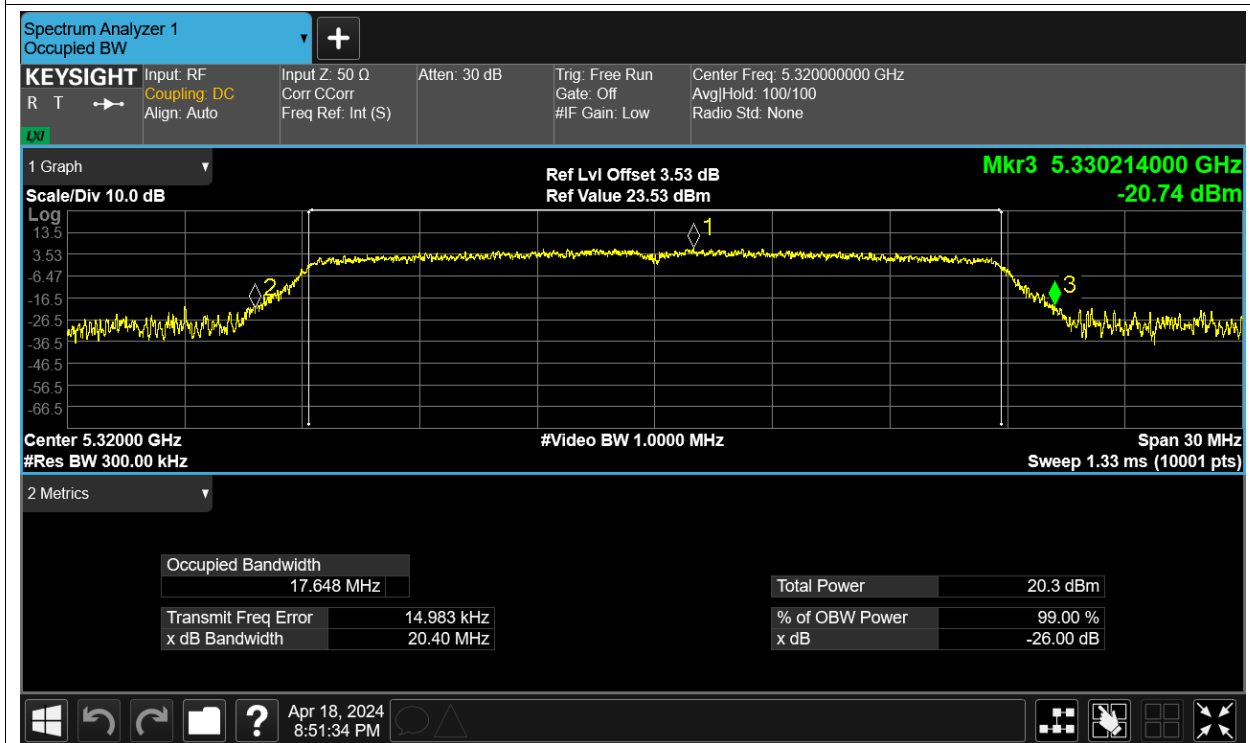
-26dB Bandwidth NVNT ac20 5260MHz Ant6



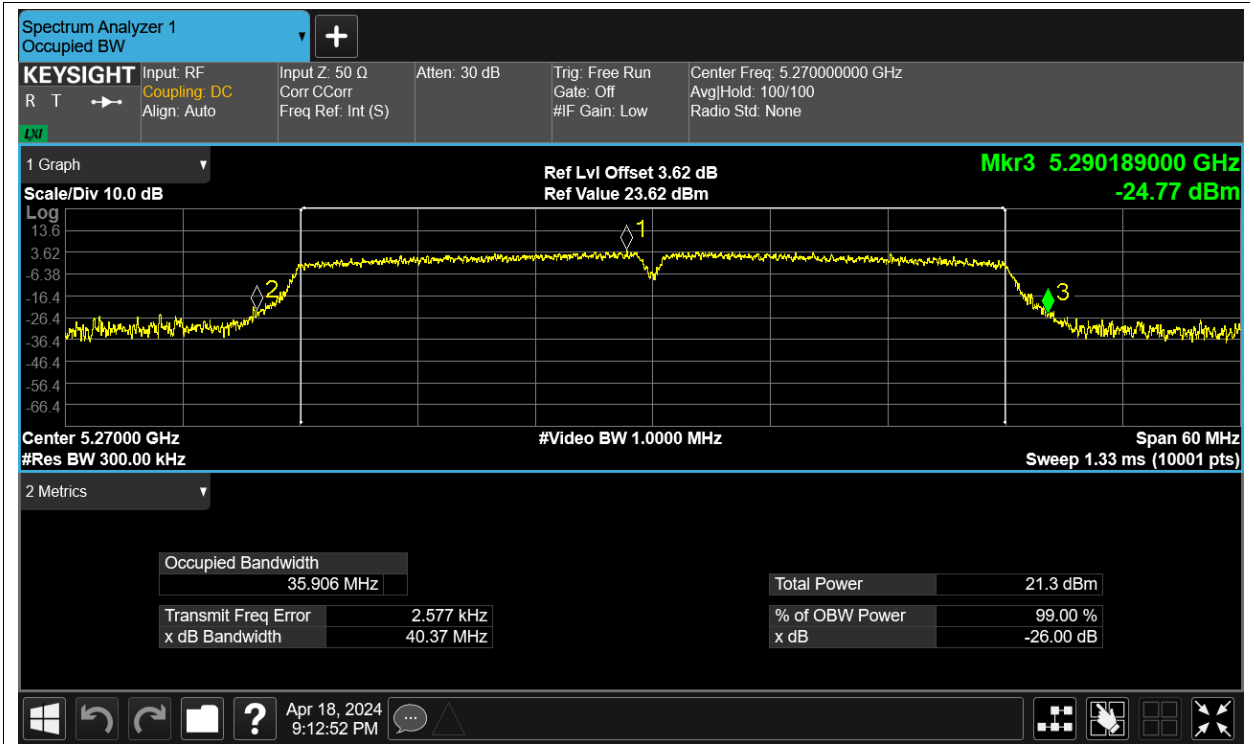
-26dB Bandwidth NVNT ac20 5300MHz Ant6



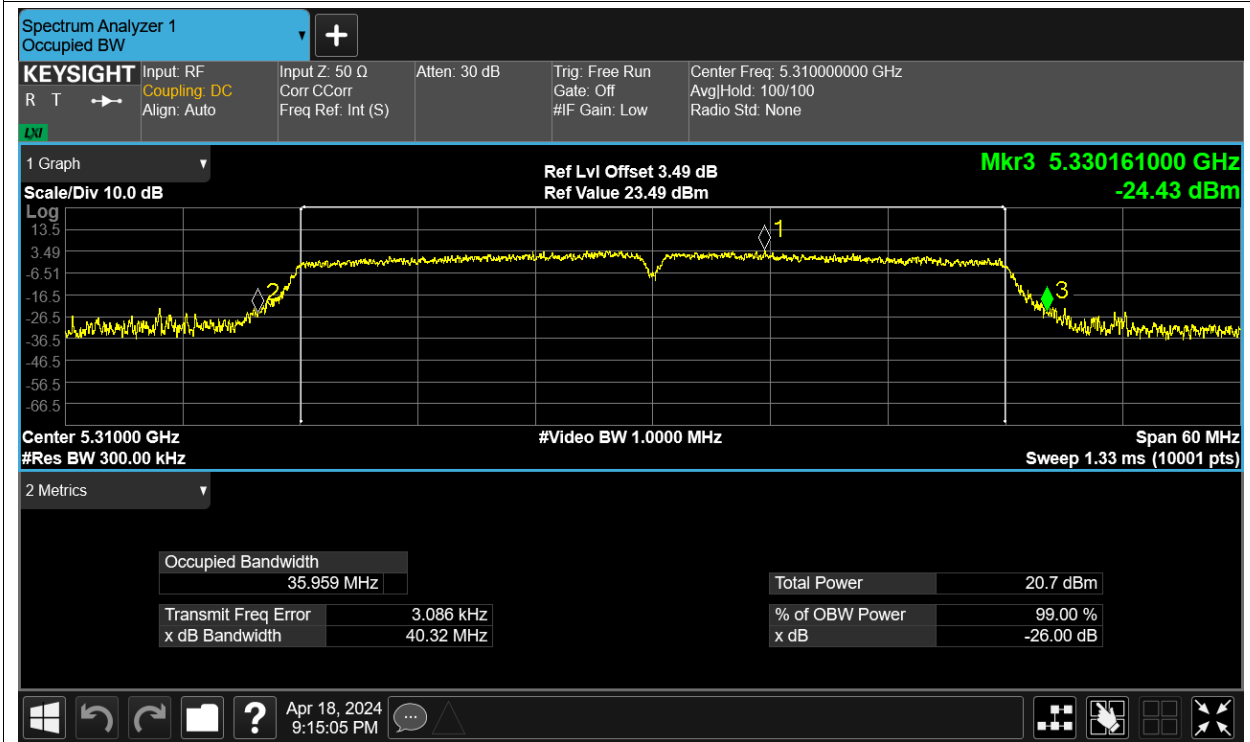
-26dB Bandwidth NVNT ac20 5320MHz Ant6



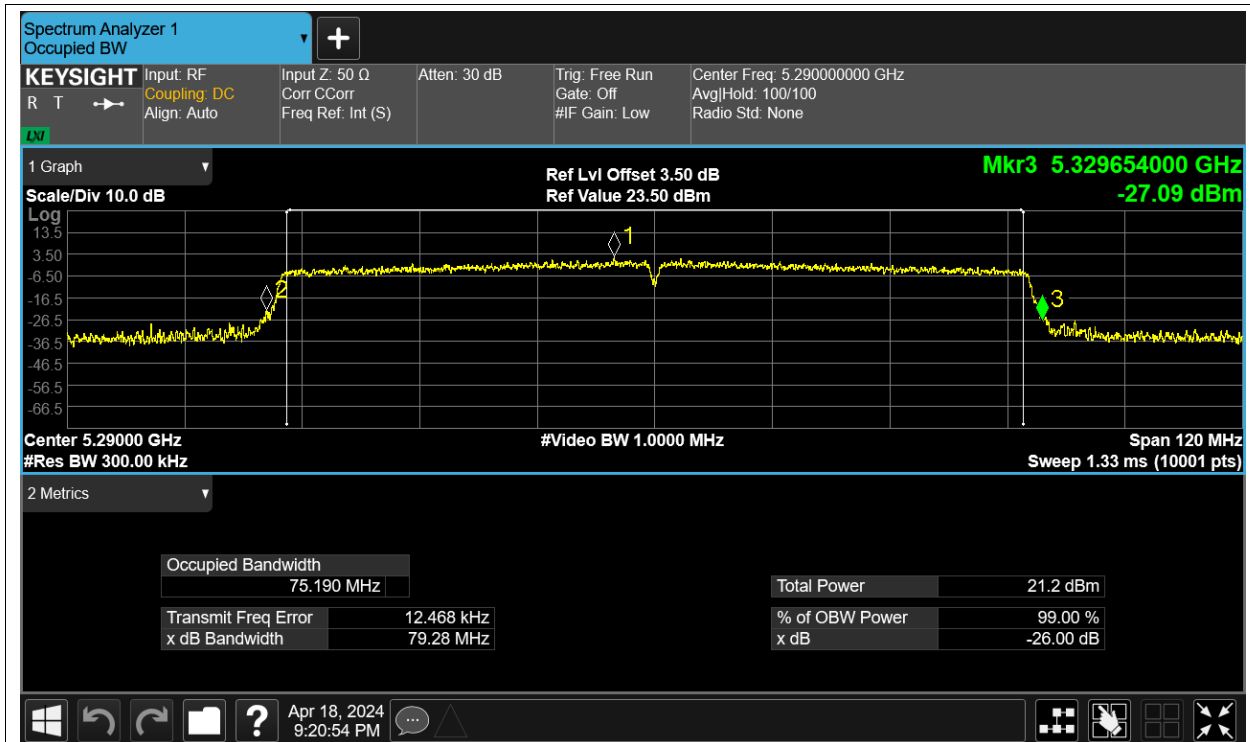
-26dB Bandwidth NVNT ac40 5270MHz Ant6



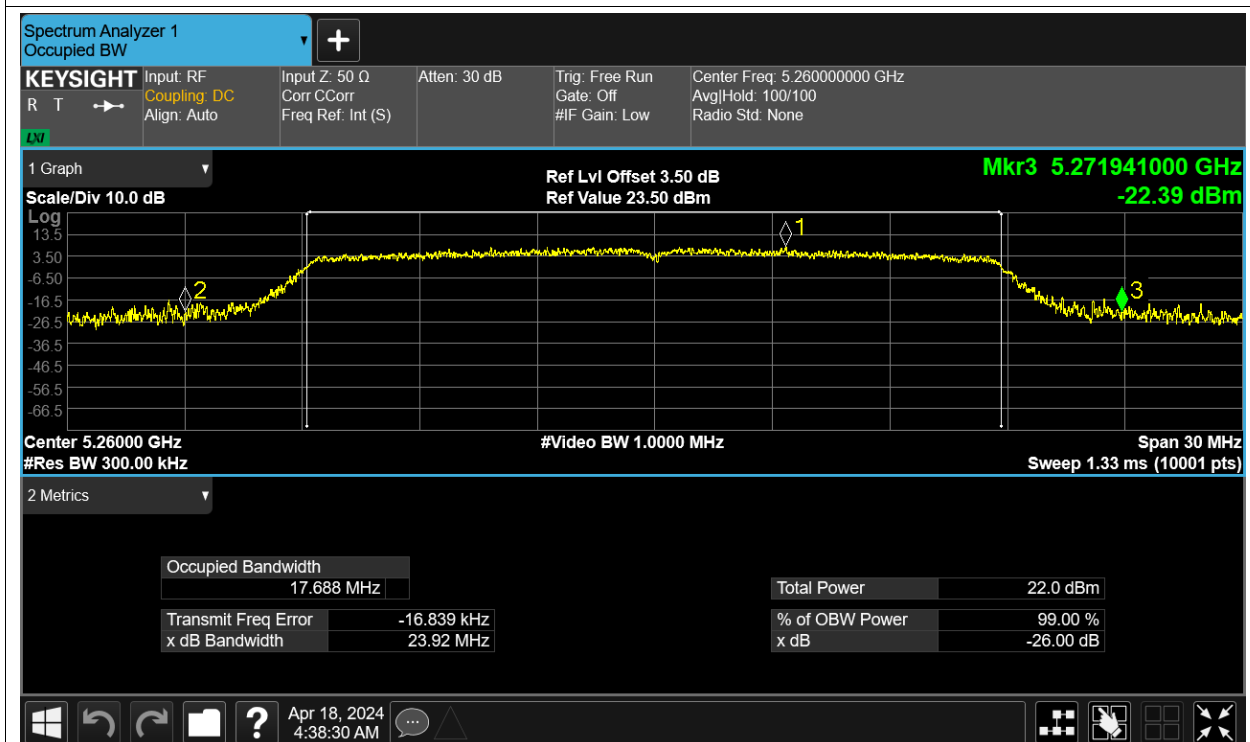
-26dB Bandwidth NVNT ac40 5310MHz Ant6



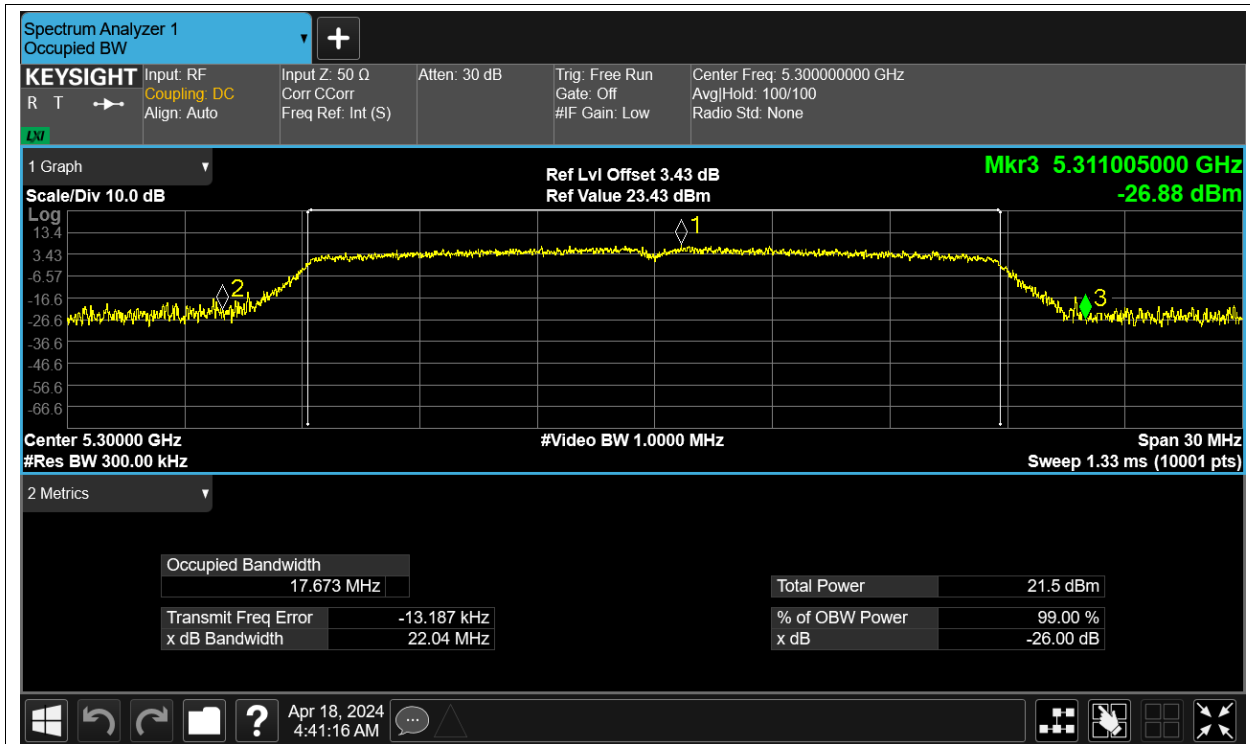
-26dB Bandwidth NVNT ac80 5290MHz Ant6



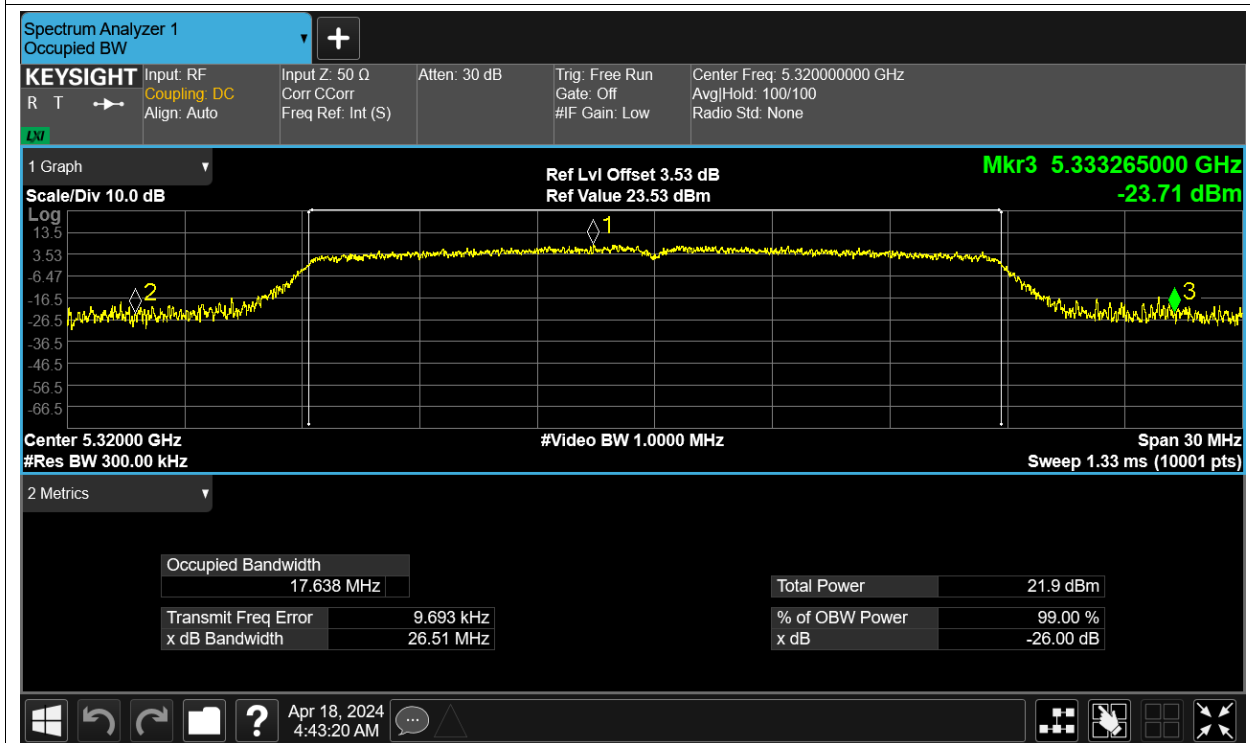
-26dB Bandwidth NVNT n20 5260MHz Ant6



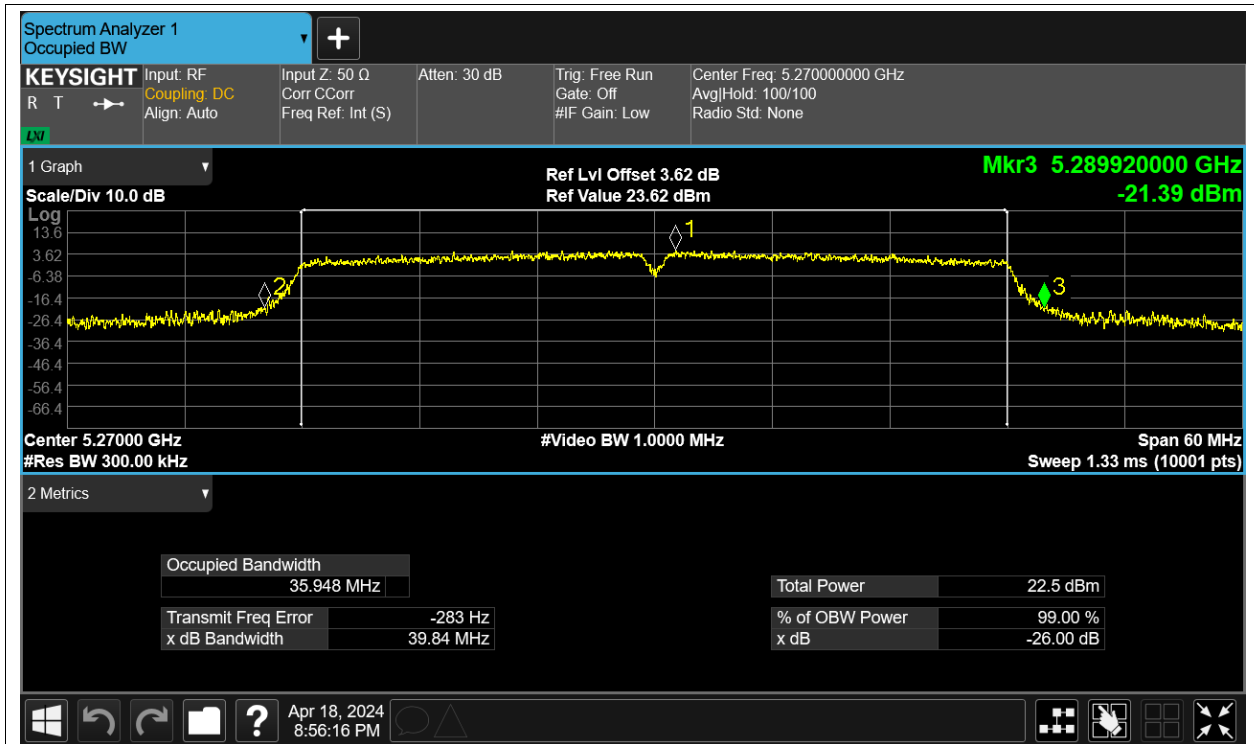
-26dB Bandwidth NVNT n20 5300MHz Ant6



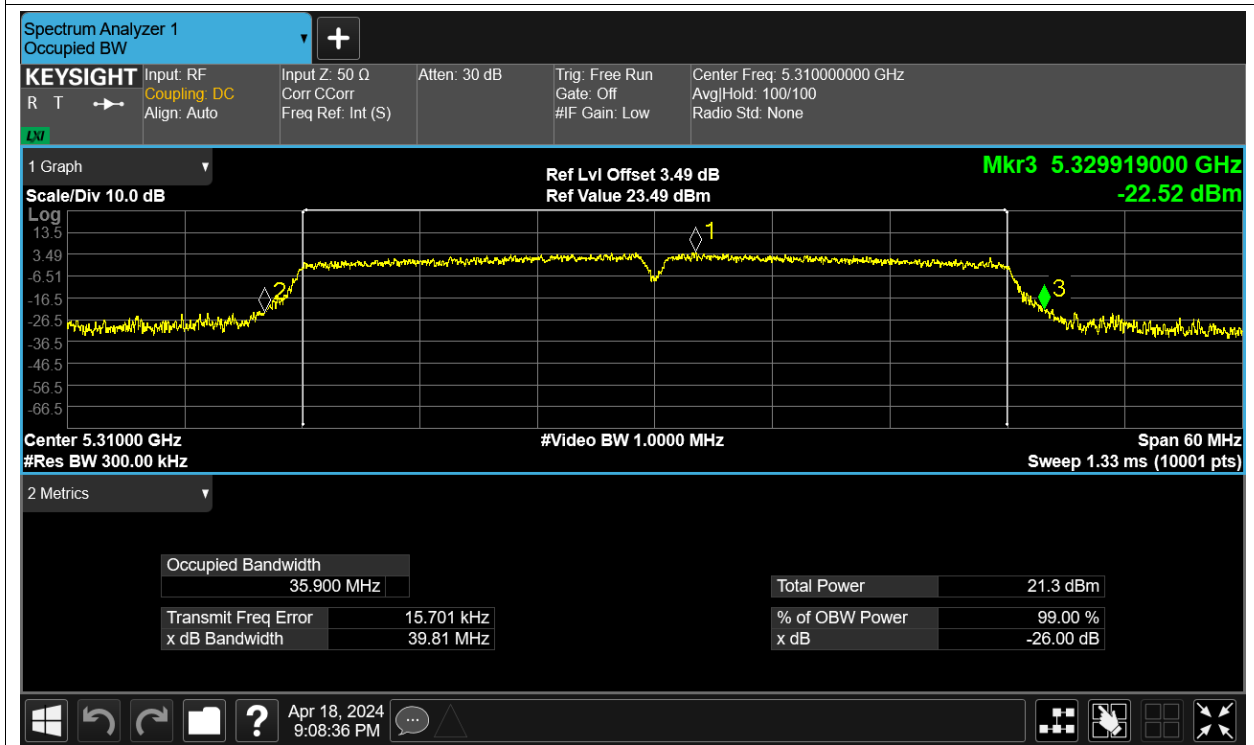
-26dB Bandwidth NVNT n20 5320MHz Ant6



-26dB Bandwidth NVNT n40 5270MHz Ant6



-26dB Bandwidth NVNT n40 5310MHz Ant6

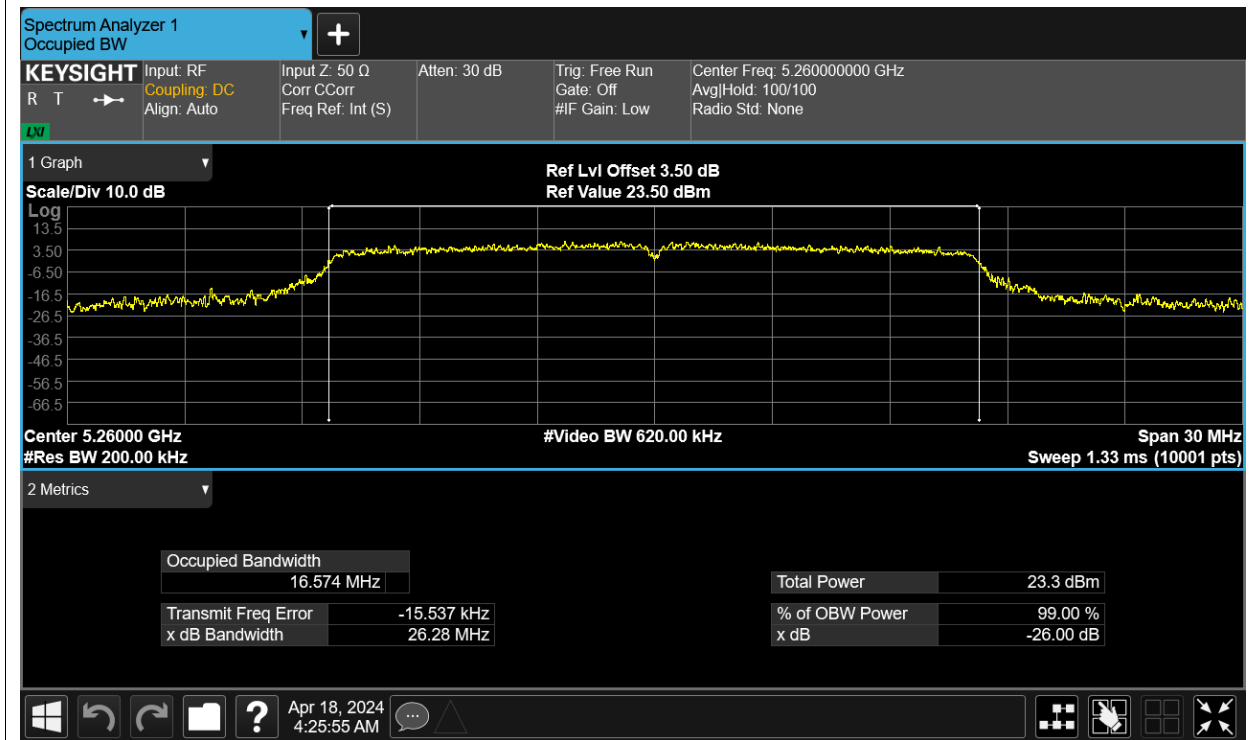


Occupied Channel Bandwidth

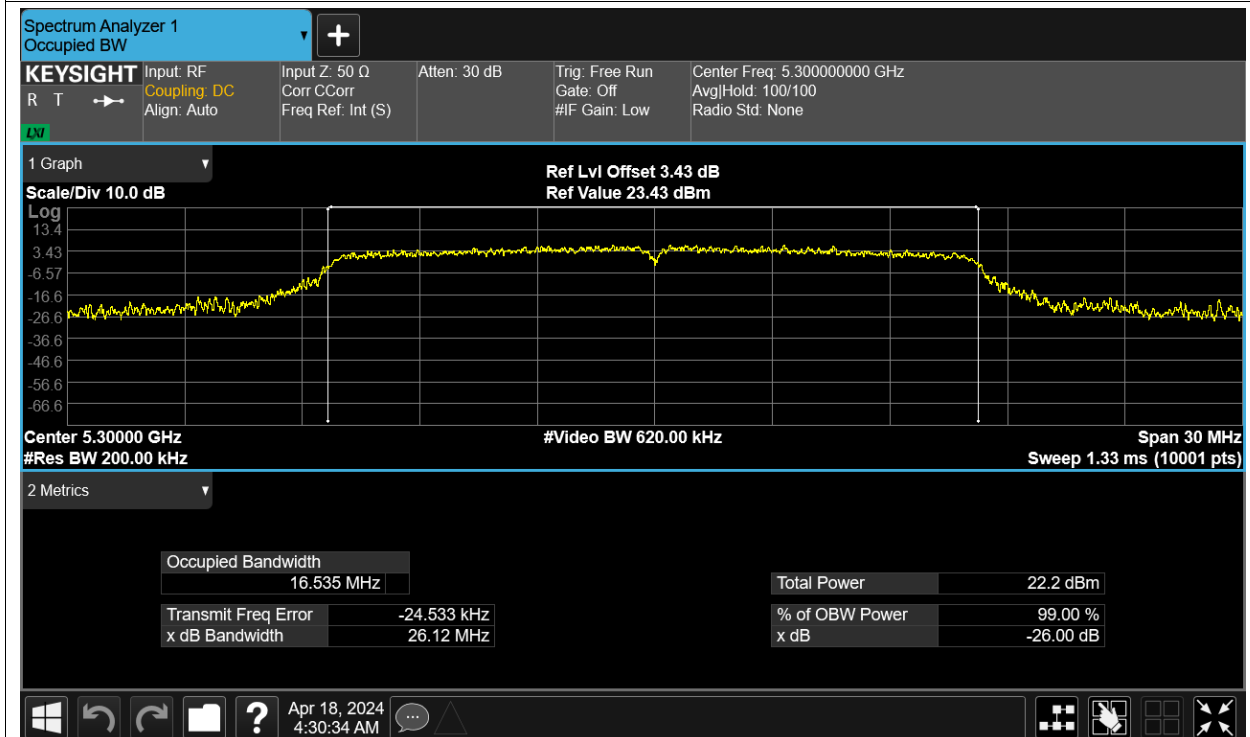
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant6	16.574
NVNT	a	5300	Ant6	16.535
NVNT	a	5320	Ant6	16.476
NVNT	ac20	5260	Ant6	17.552
NVNT	ac20	5300	Ant6	17.568
NVNT	ac20	5320	Ant6	17.583
NVNT	ac40	5270	Ant6	36.008
NVNT	ac40	5310	Ant6	36.019
NVNT	ac80	5290	Ant6	75.269
NVNT	n20	5260	Ant6	17.601
NVNT	n20	5300	Ant6	17.63
NVNT	n20	5320	Ant6	17.588
NVNT	n40	5270	Ant6	36.021
NVNT	n40	5310	Ant6	36.012

Test Graphs

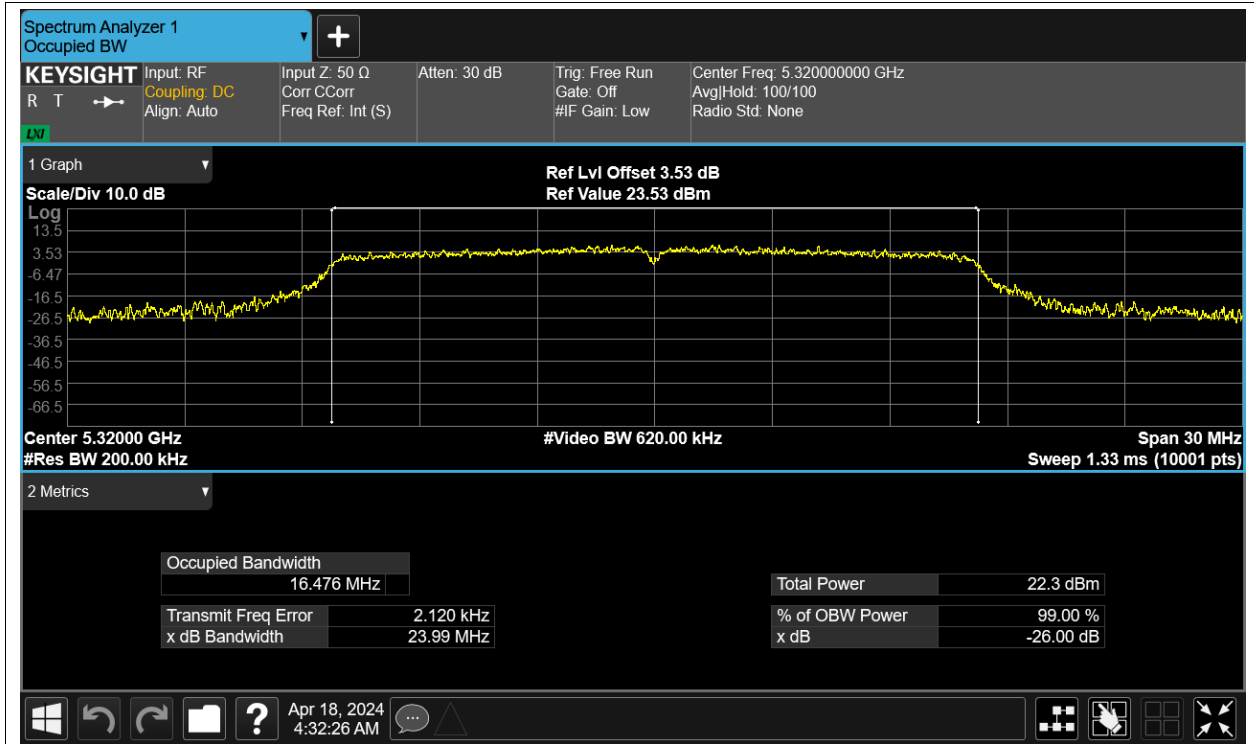
OBW NVNT a 5260MHz Ant6



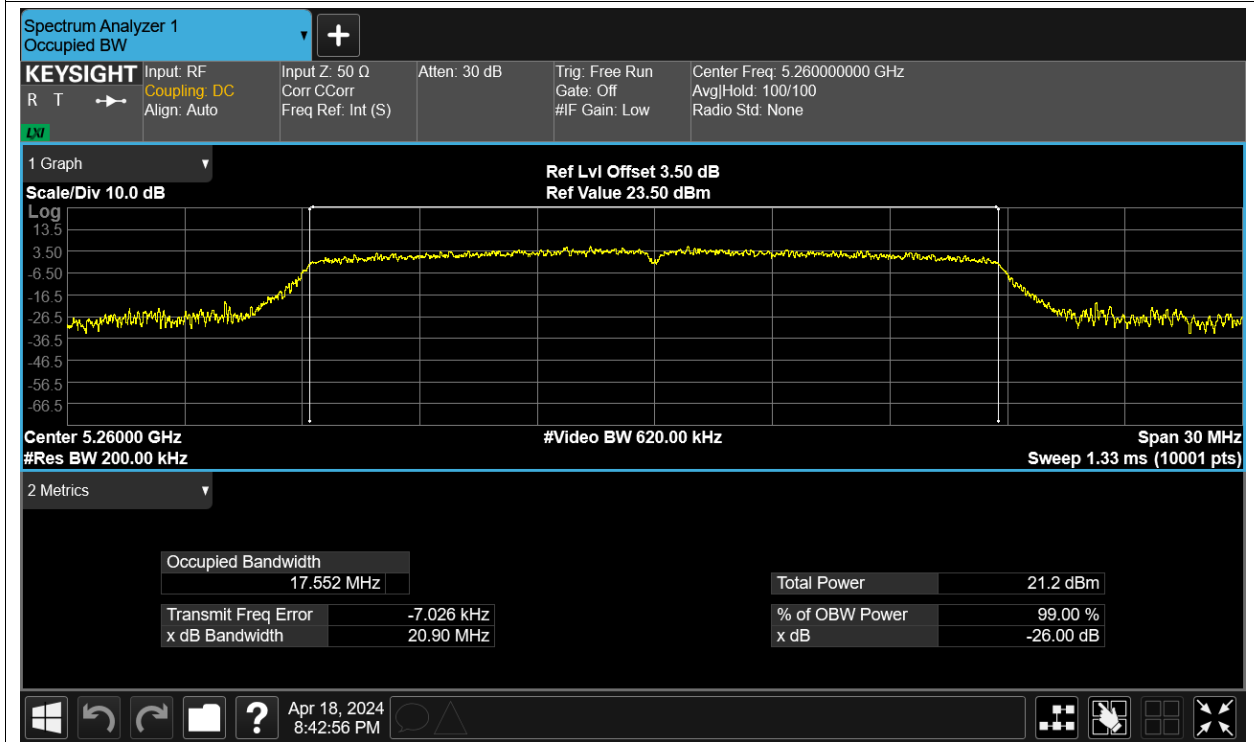
OBW NVNT a 5300MHz Ant6



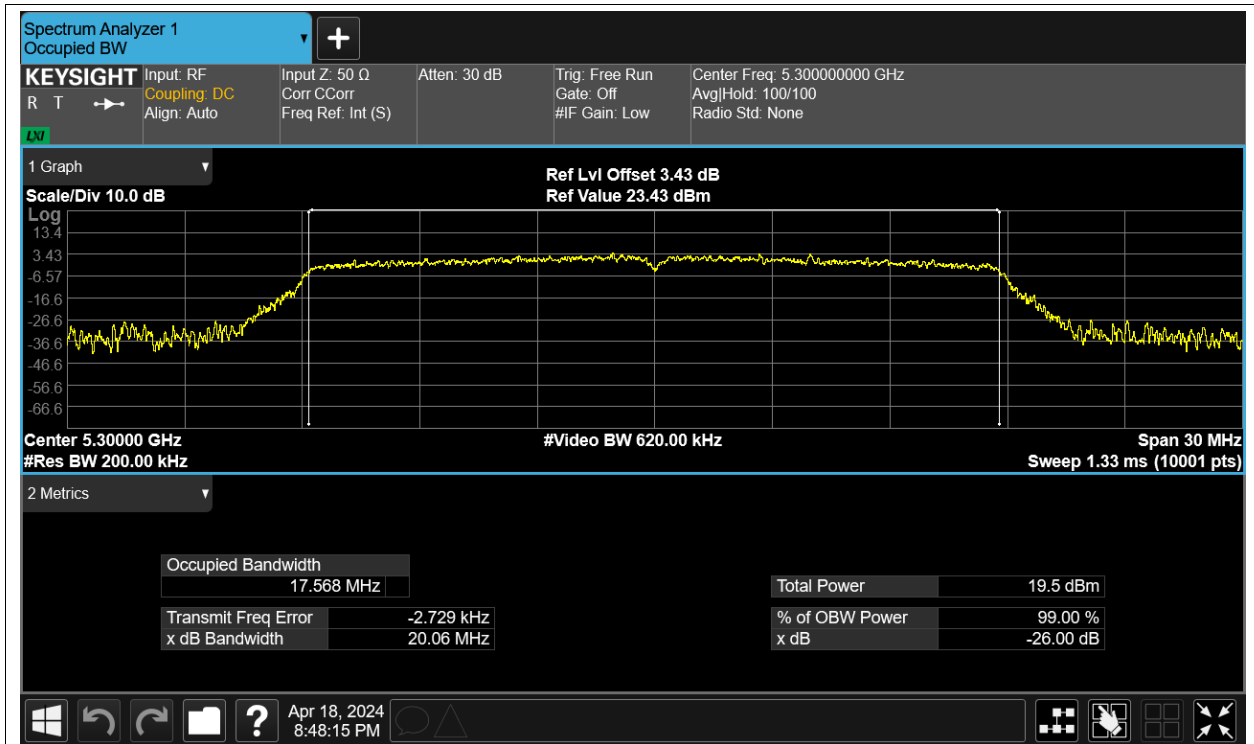
OBW NVNT a 5320MHz Ant6



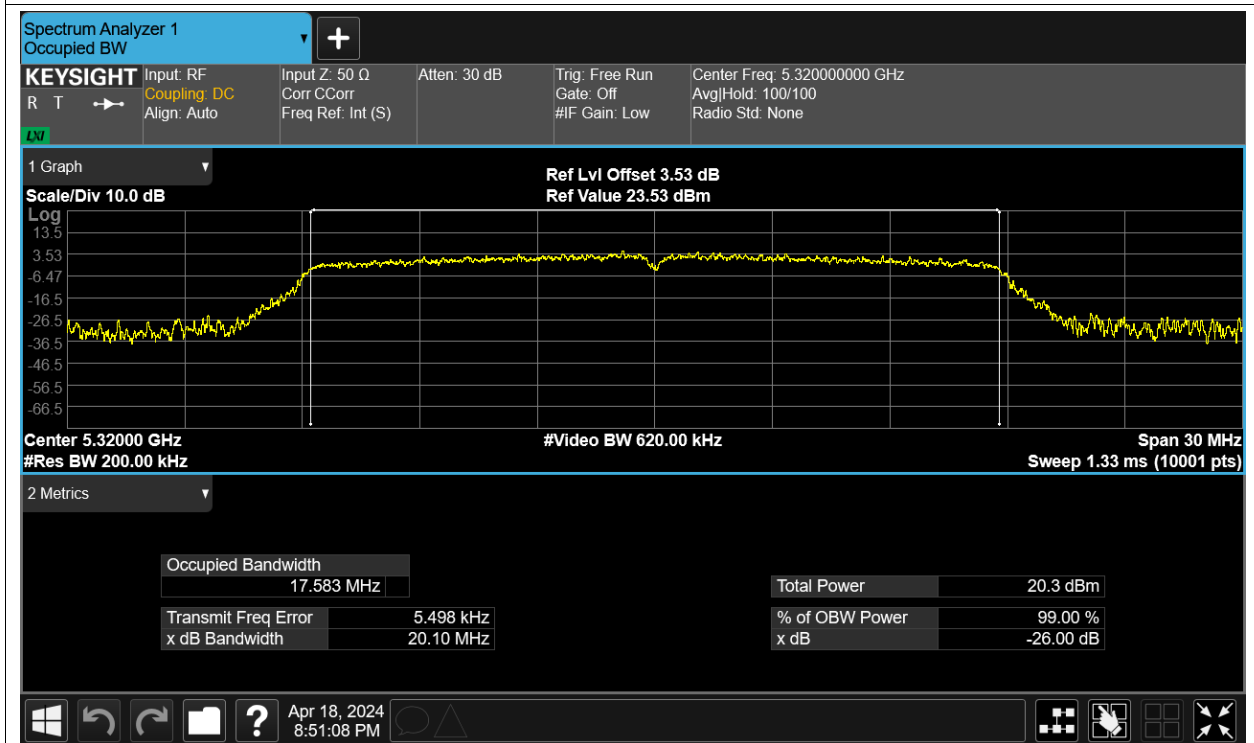
OBW NVNT ac20 5260MHz Ant6



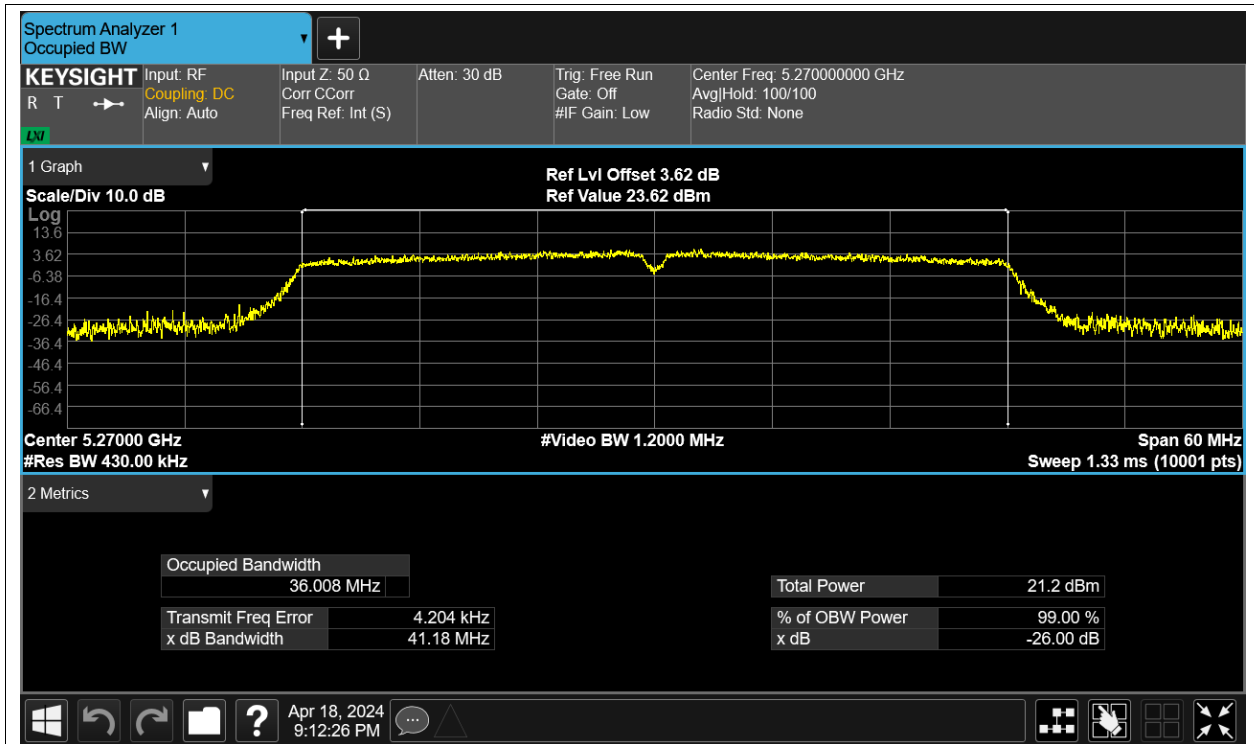
OBW NVNT ac20 5300MHz Ant6



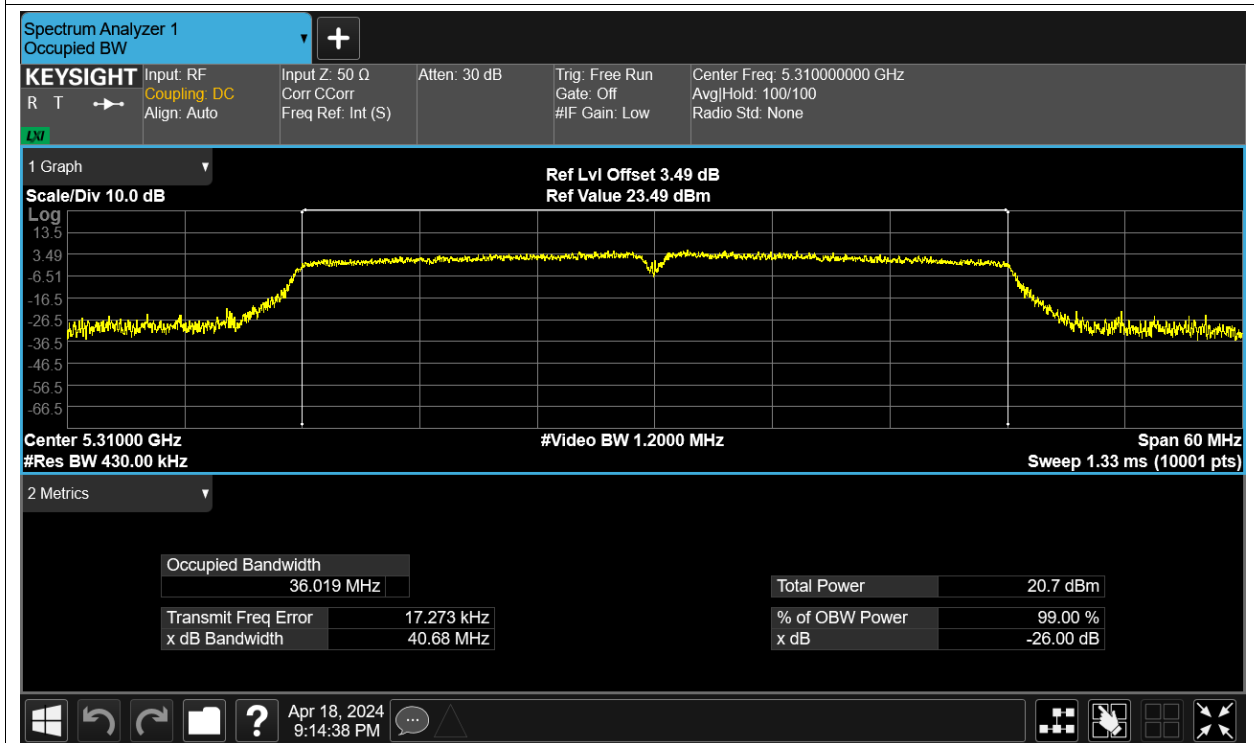
OBW NVNT ac20 5320MHz Ant6



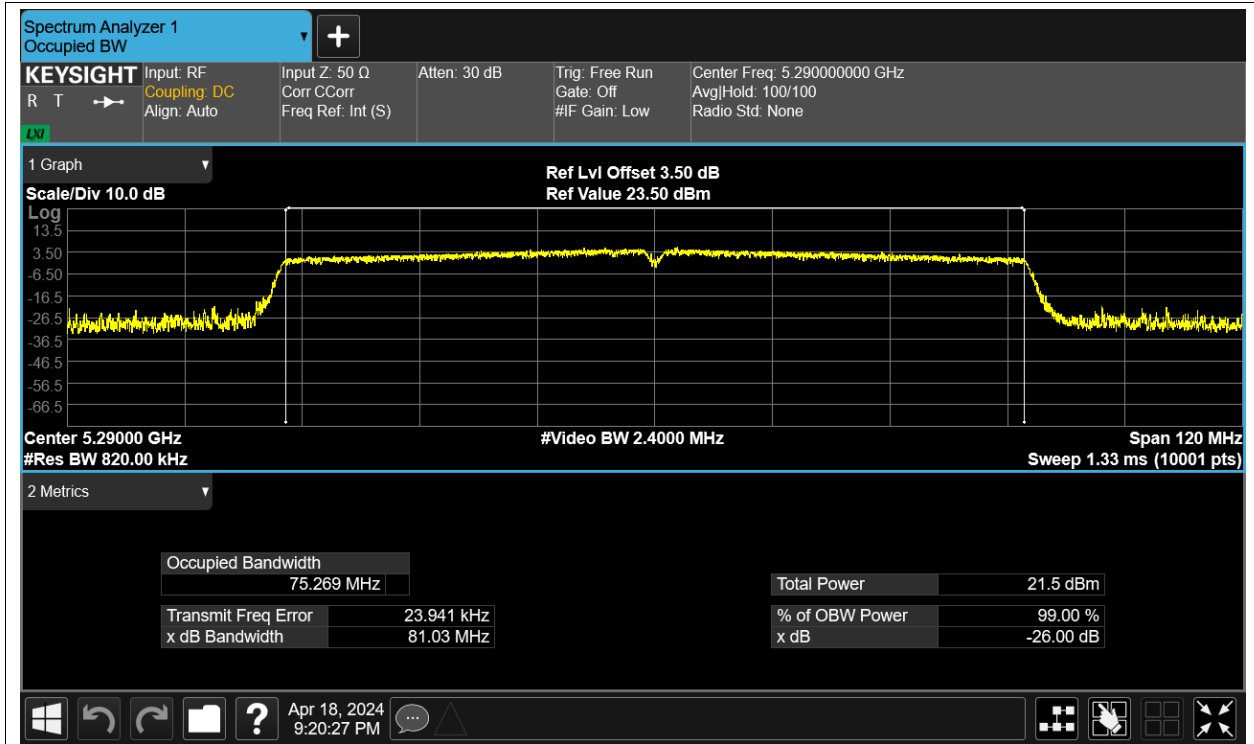
OBW NVNT ac40 5270MHz Ant6



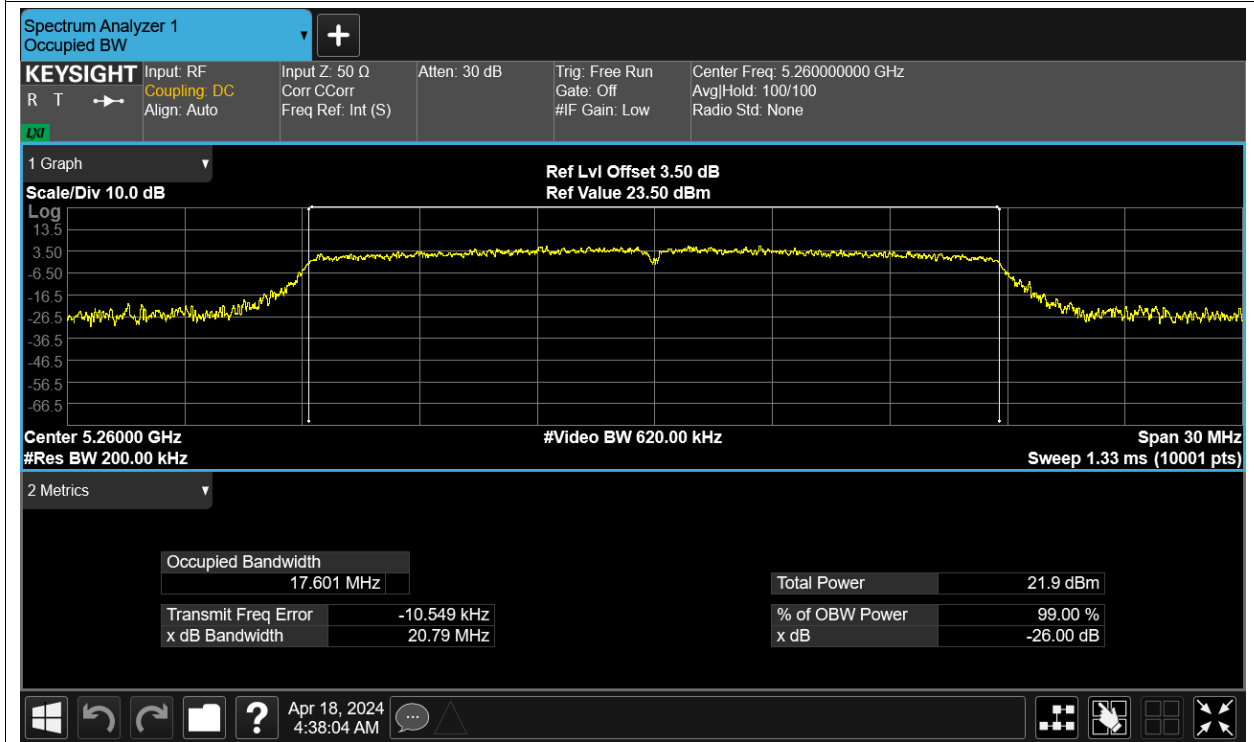
OBW NVNT ac40 5310MHz Ant6



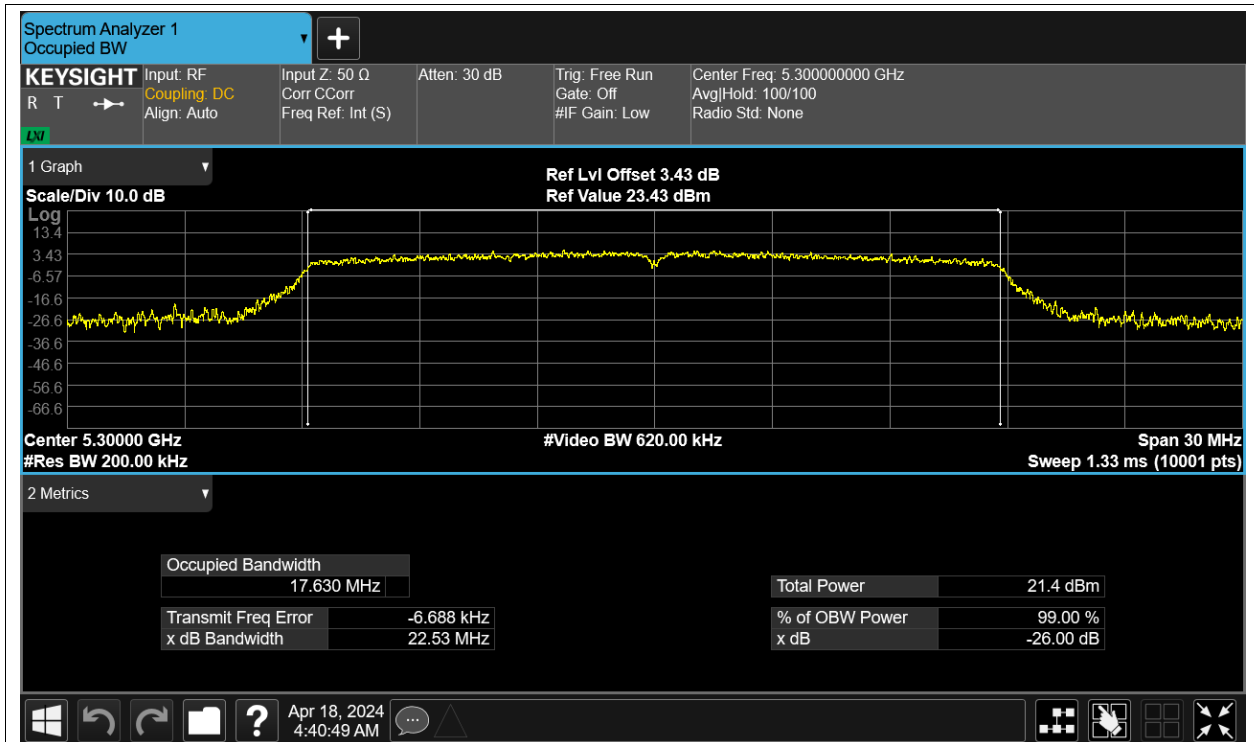
OBW NVNT ac80 5290MHz Ant6



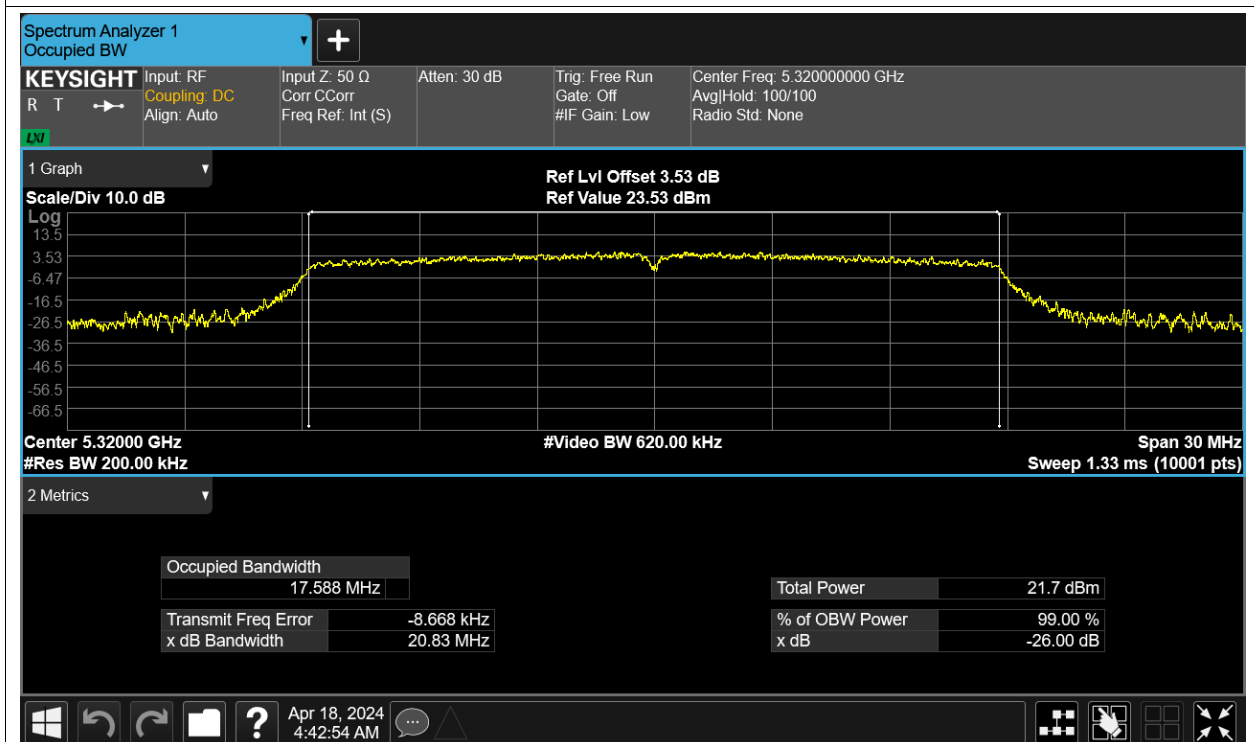
OBW NVNT n20 5260MHz Ant6



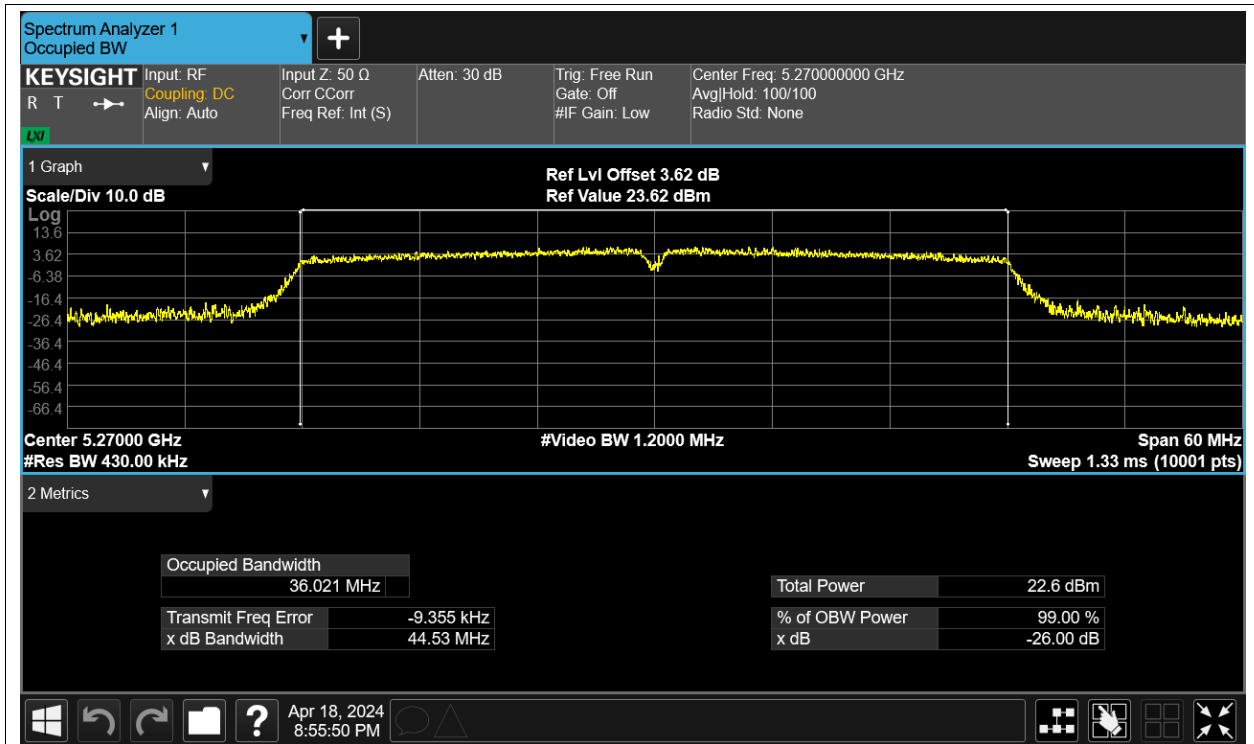
OBW NVNT n20 5300MHz Ant6



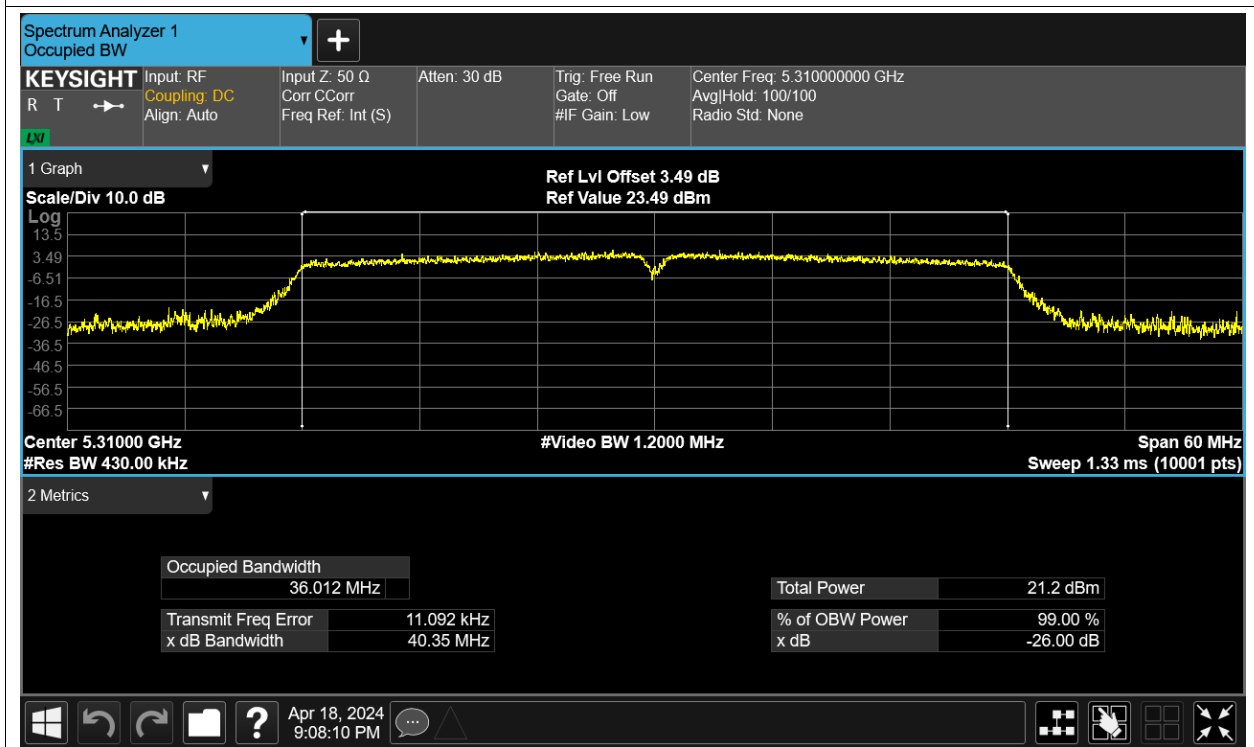
OBW NVNT n20 5320MHz Ant6



OBW NVNT n40 5270MHz Ant6

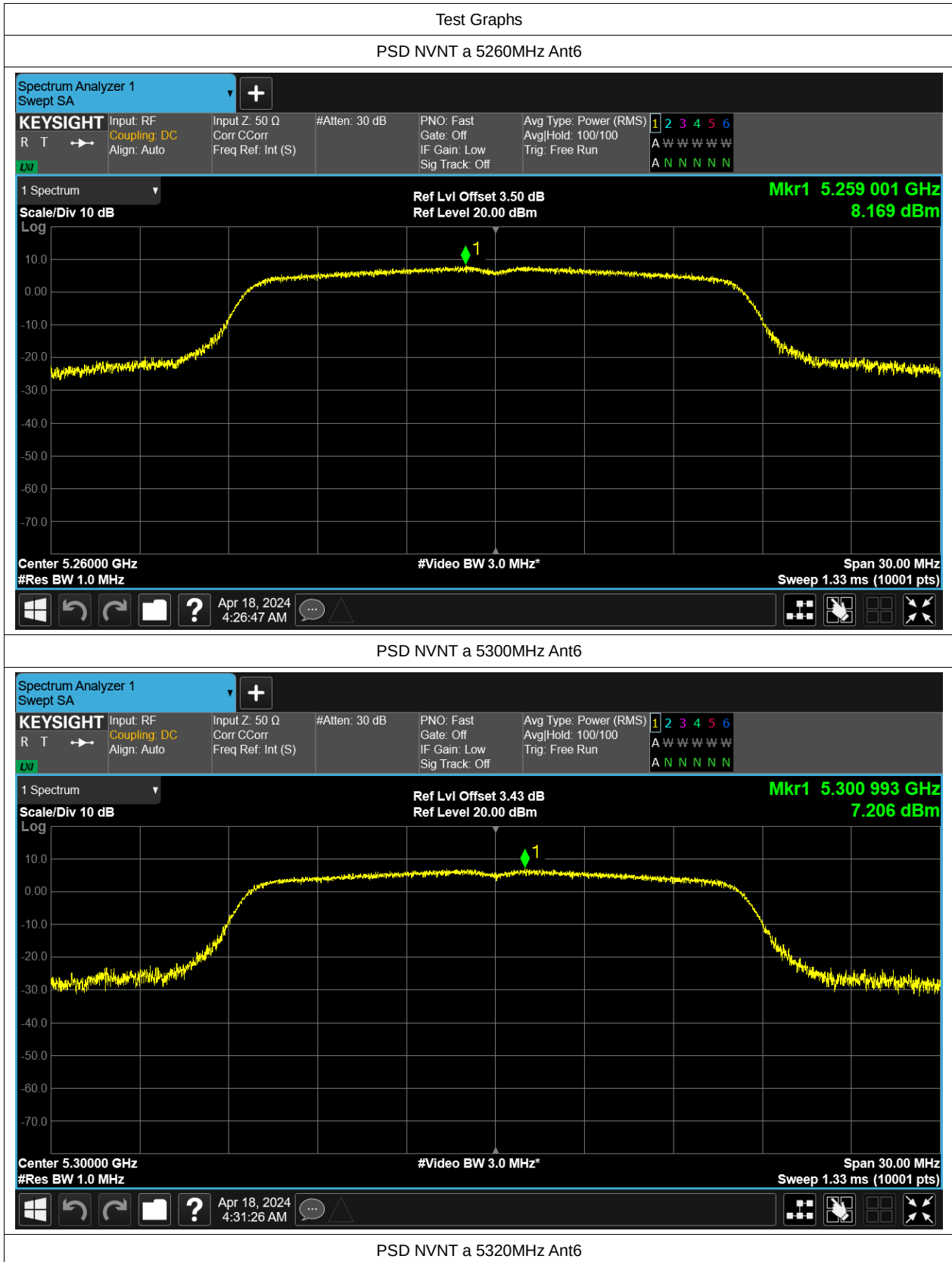


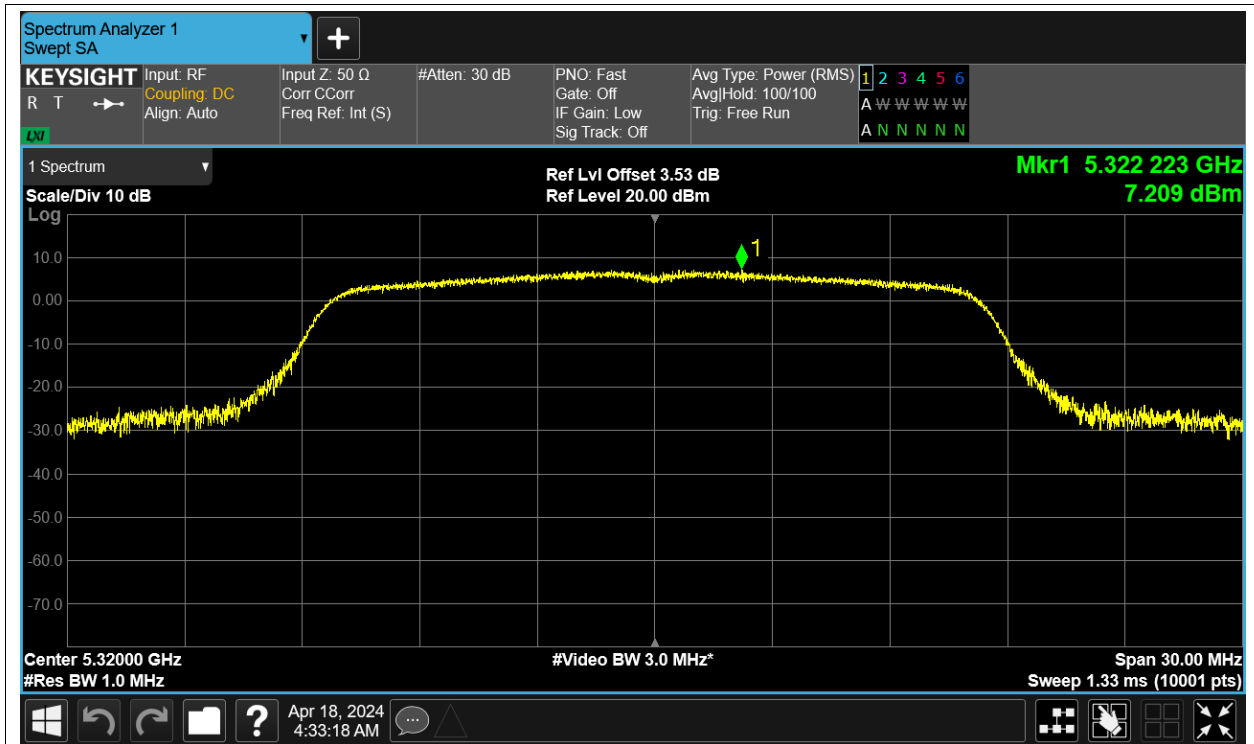
OBW NVNT n40 5310MHz Ant6



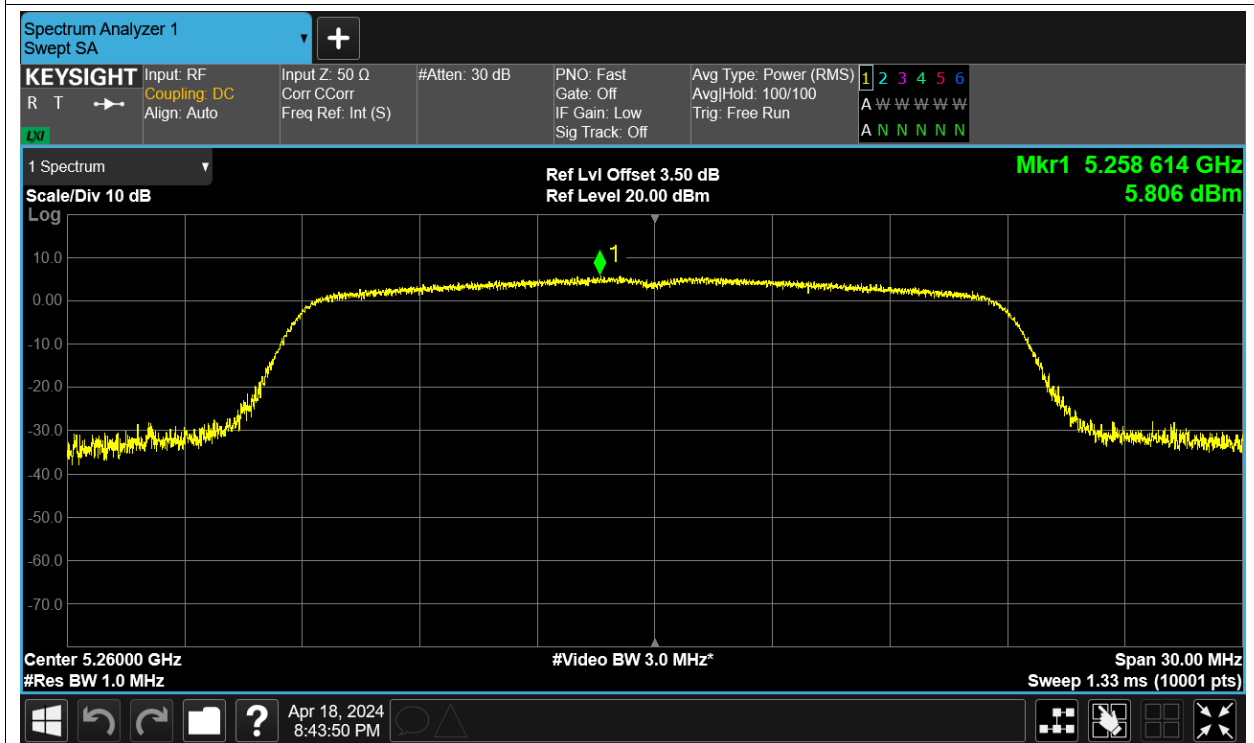
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant6	8.169	11	Pass
NVNT	a	5300	Ant6	7.206	11	Pass
NVNT	a	5320	Ant6	7.209	11	Pass
NVNT	ac20	5260	Ant6	5.806	11	Pass
NVNT	ac20	5300	Ant6	4.089	11	Pass
NVNT	ac20	5320	Ant6	4.78	11	Pass
NVNT	ac40	5270	Ant6	3.077	11	Pass
NVNT	ac40	5310	Ant6	2.385	11	Pass
NVNT	ac80	5290	Ant6	-0.593	11	Pass
NVNT	n20	5260	Ant6	6.63	11	Pass
NVNT	n20	5300	Ant6	6.049	11	Pass
NVNT	n20	5320	Ant6	6.519	11	Pass
NVNT	n40	5270	Ant6	3.919	11	Pass
NVNT	n40	5310	Ant6	2.72	11	Pass

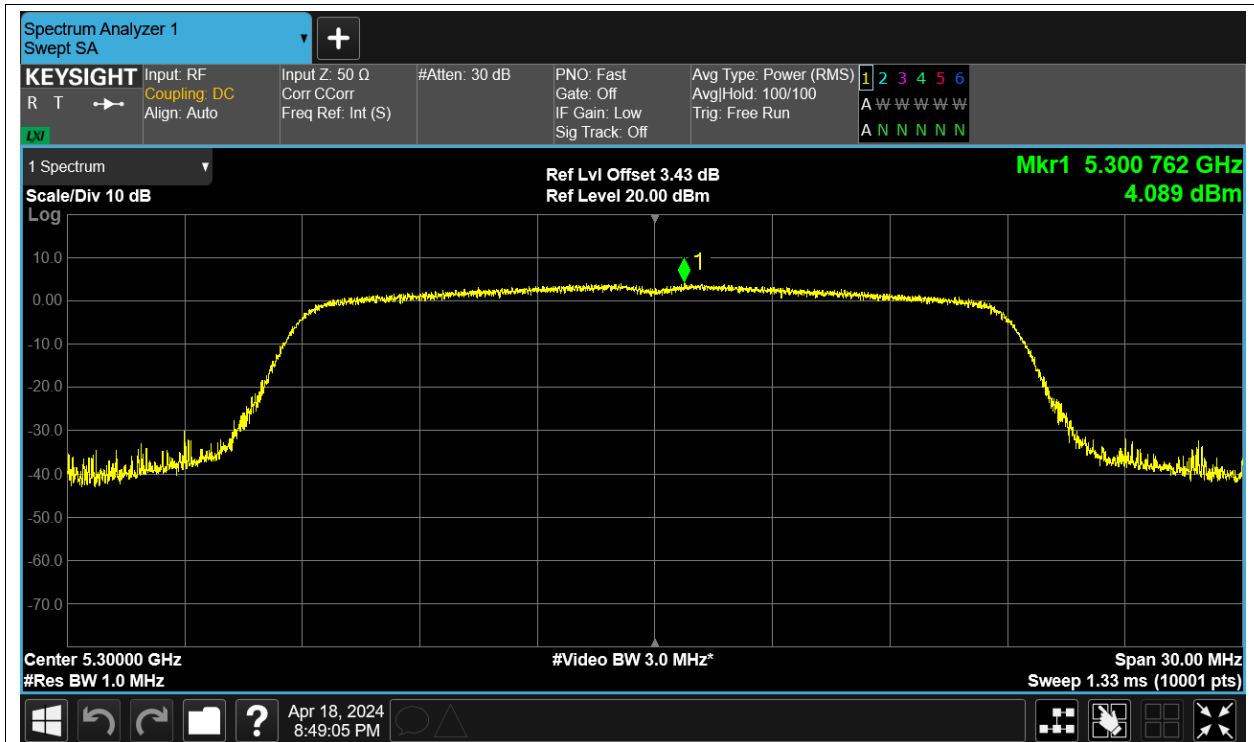




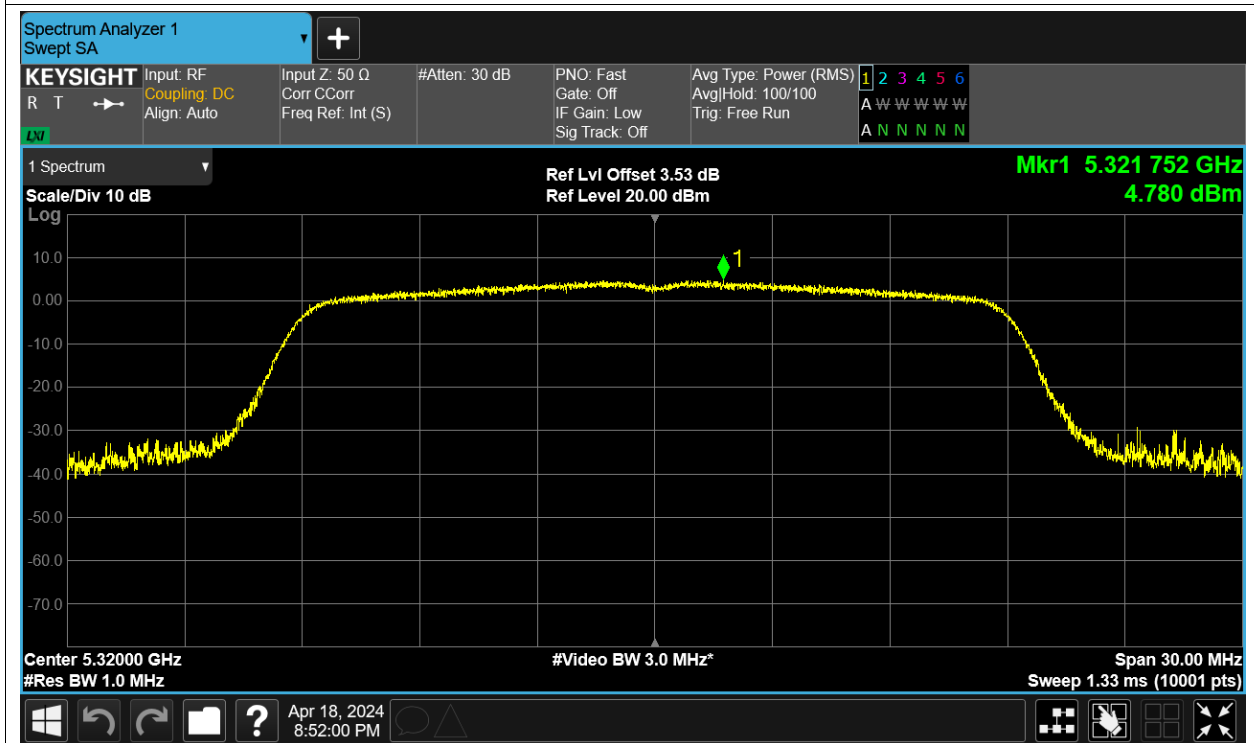
PSD NVNT ac20 5260MHz Ant6



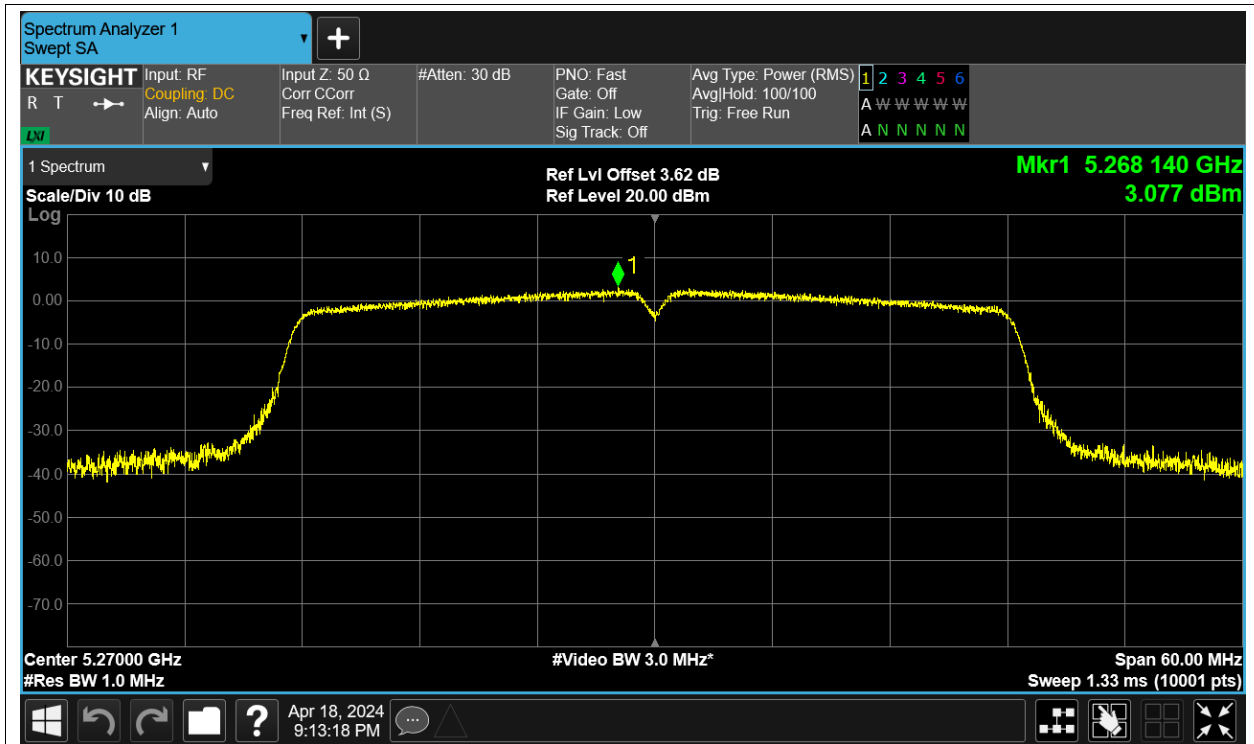
PSD NVNT ac20 5300MHz Ant6



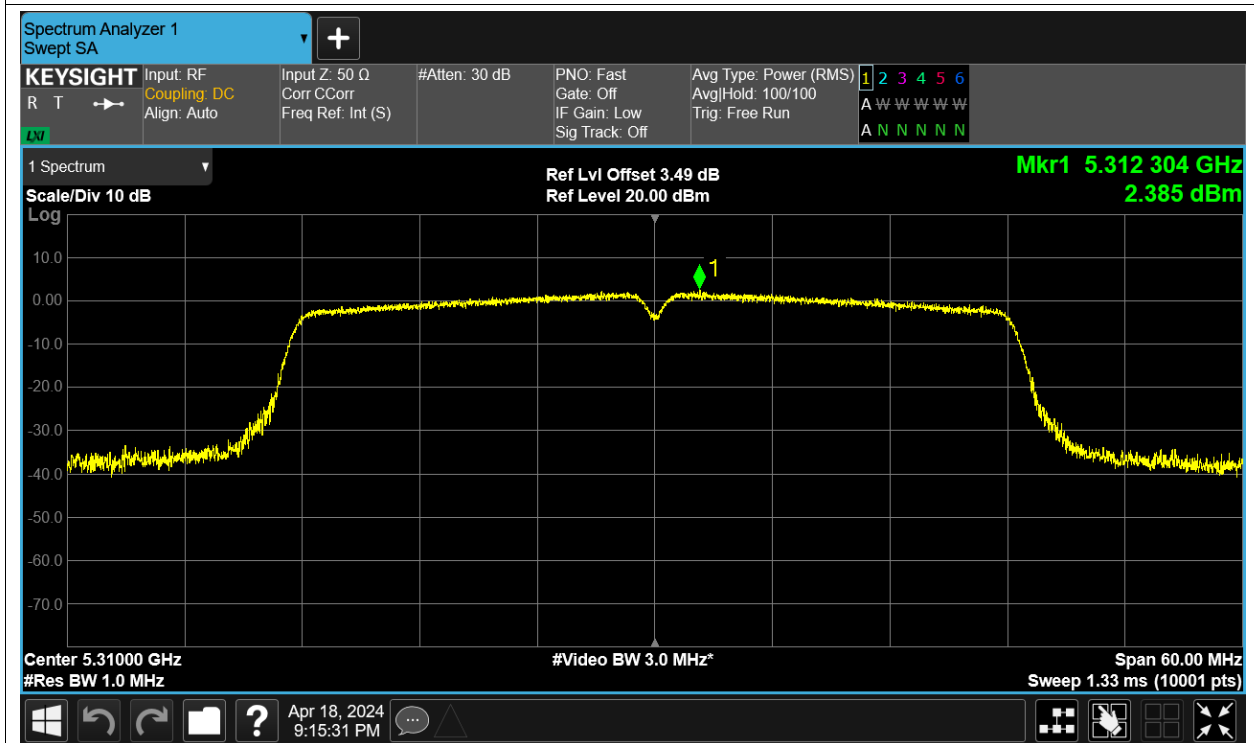
PSD NVNT ac20 5320MHz Ant6



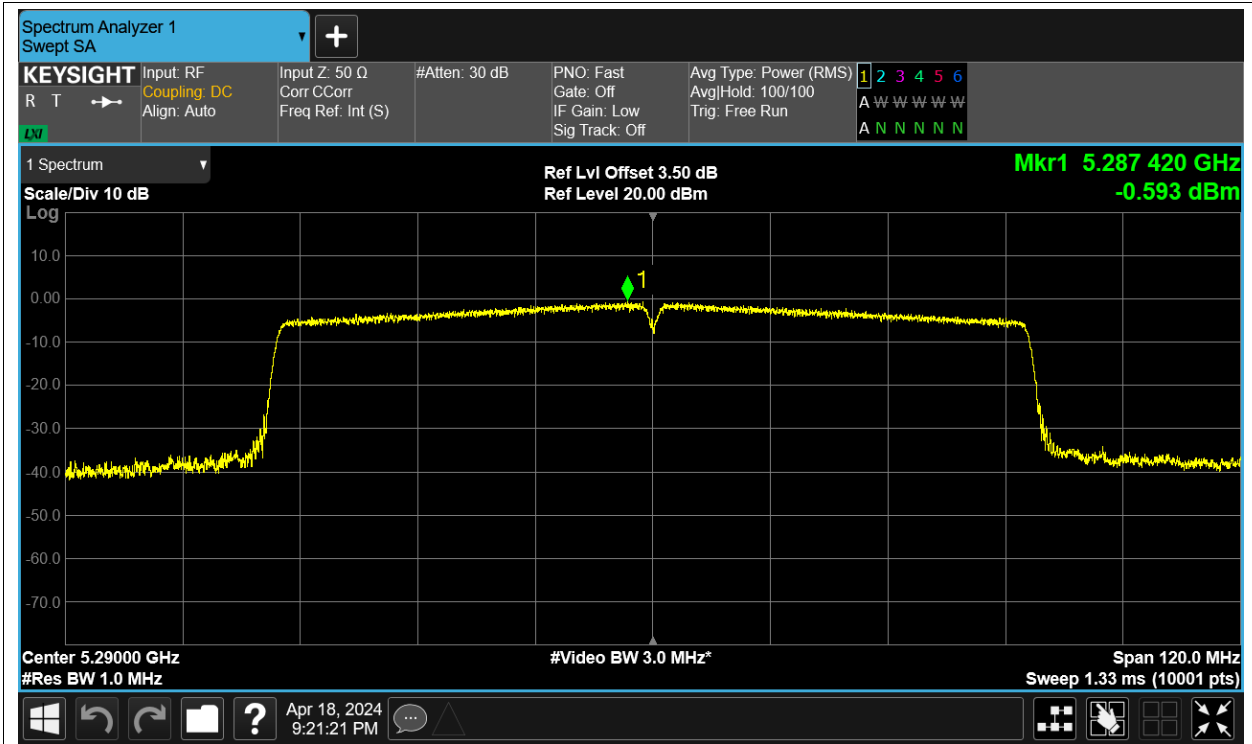
PSD NVNT ac40 5270MHz Ant6



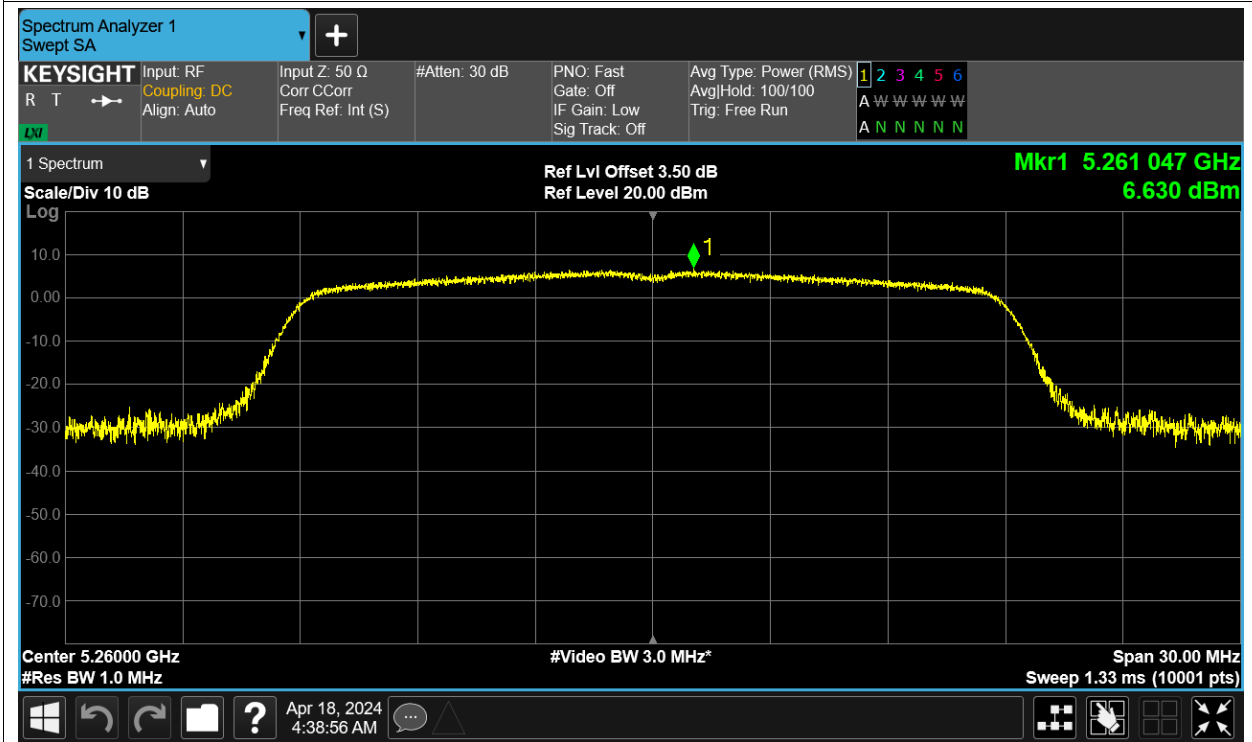
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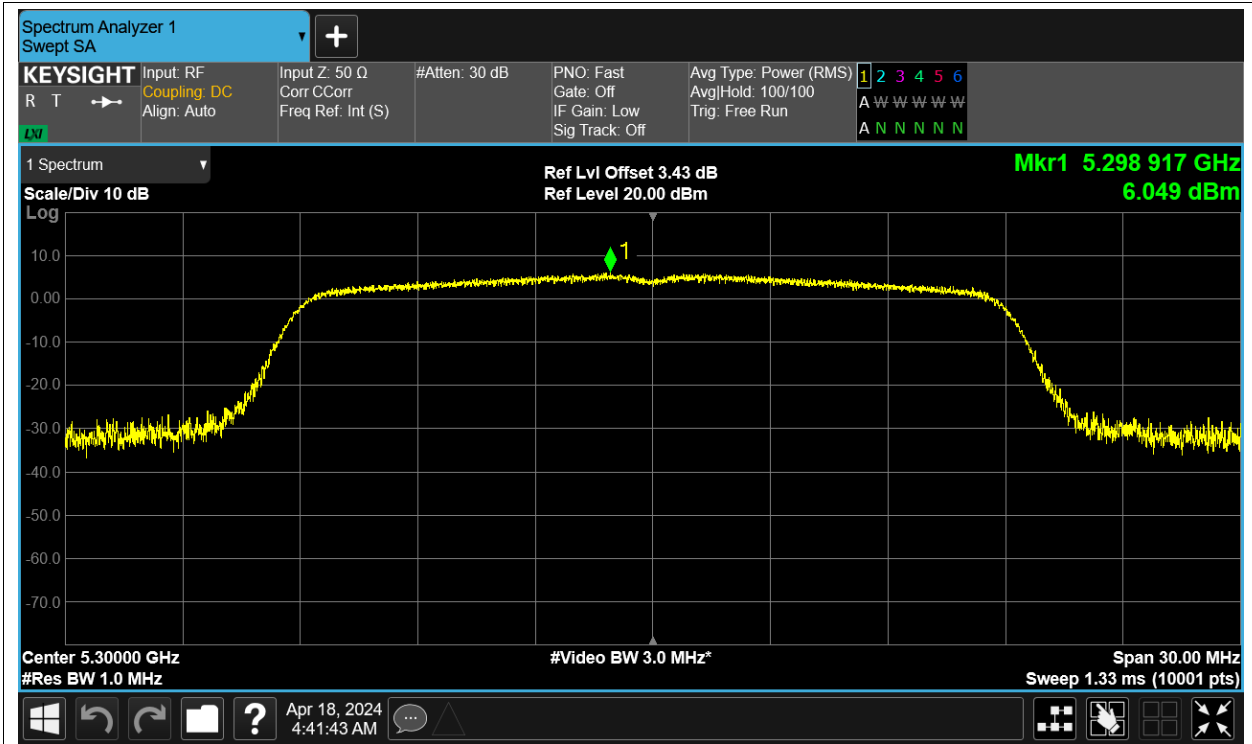
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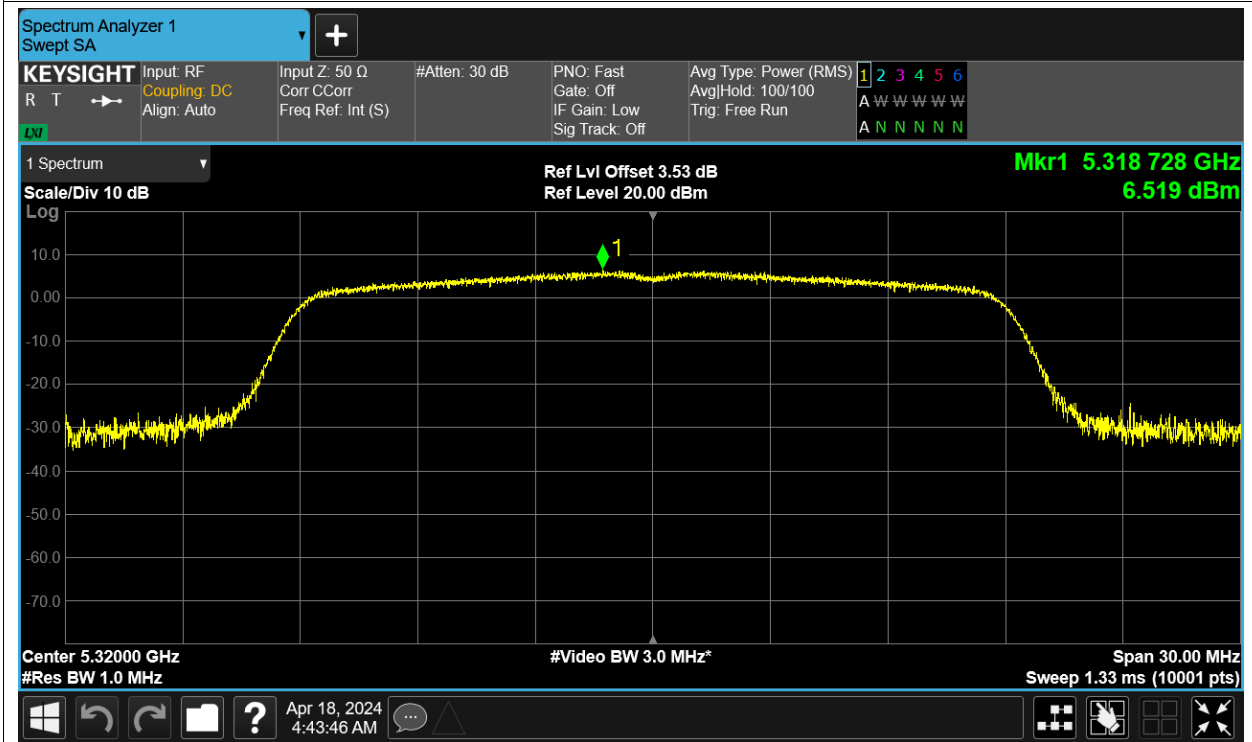
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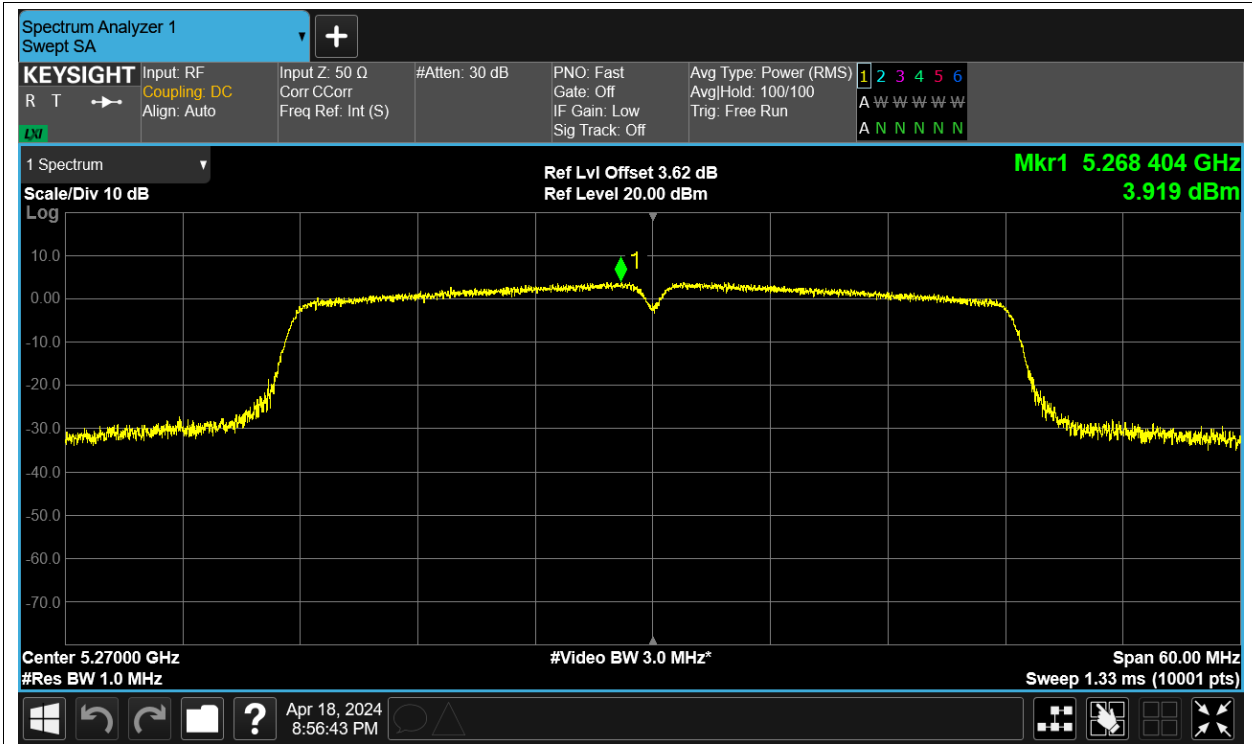
PSD NVNT n20 5300MHz Ant6



PSD NVNT n20 5320MHz Ant6



PSD NVNT n40 5270MHz Ant6



PSD NVNT n40 5310MHz Ant6

