

Test Data

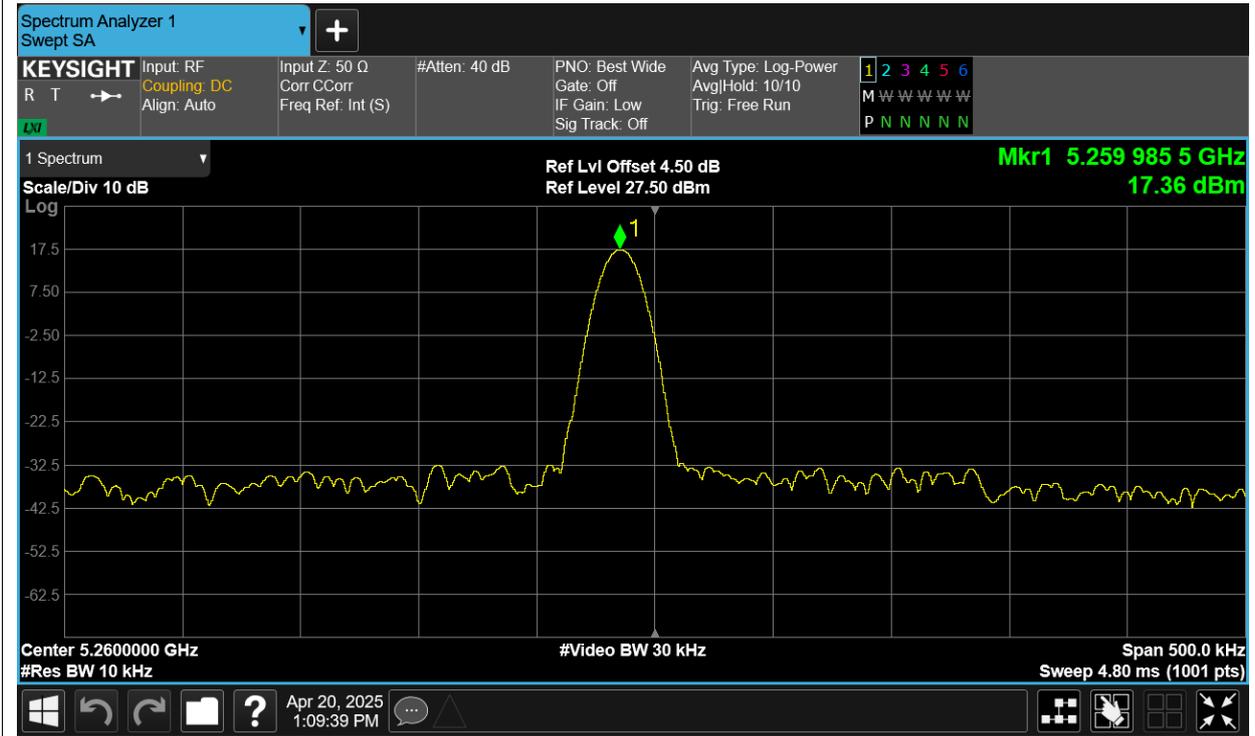
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant12	5259.9855	-2.76	Within authorized band	Pass
LVNT	a	5260	Ant12	5259.986	-2.66		Pass
NVHT	a	5260	Ant12	5259.986	-2.66		Pass
NVLT	a	5260	Ant12	5259.9885	-2.19		Pass
NVNT	a	5260	Ant12	5259.9865	-2.57		Pass
HVNT	ac80	5290	Ant12	5289.9805	-3.69		Pass
LVNT	ac80	5290	Ant12	5289.9805	-3.69		Pass
NVHT	ac80	5290	Ant12	5289.981	-3.59		Pass
NVLT	ac80	5290	Ant12	5289.981	-3.59		Pass
NVNT	ac80	5290	Ant12	5289.9815	-3.5		Pass
HVNT	n40	5270	Ant12	5269.9815	-3.51		Pass
LVNT	n40	5270	Ant12	5269.9815	-3.51		Pass
NVHT	n40	5270	Ant12	5269.982	-3.42		Pass
NVLT	n40	5270	Ant12	5269.982	-3.42		Pass
NVNT	n40	5270	Ant12	5269.9825	-3.32		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

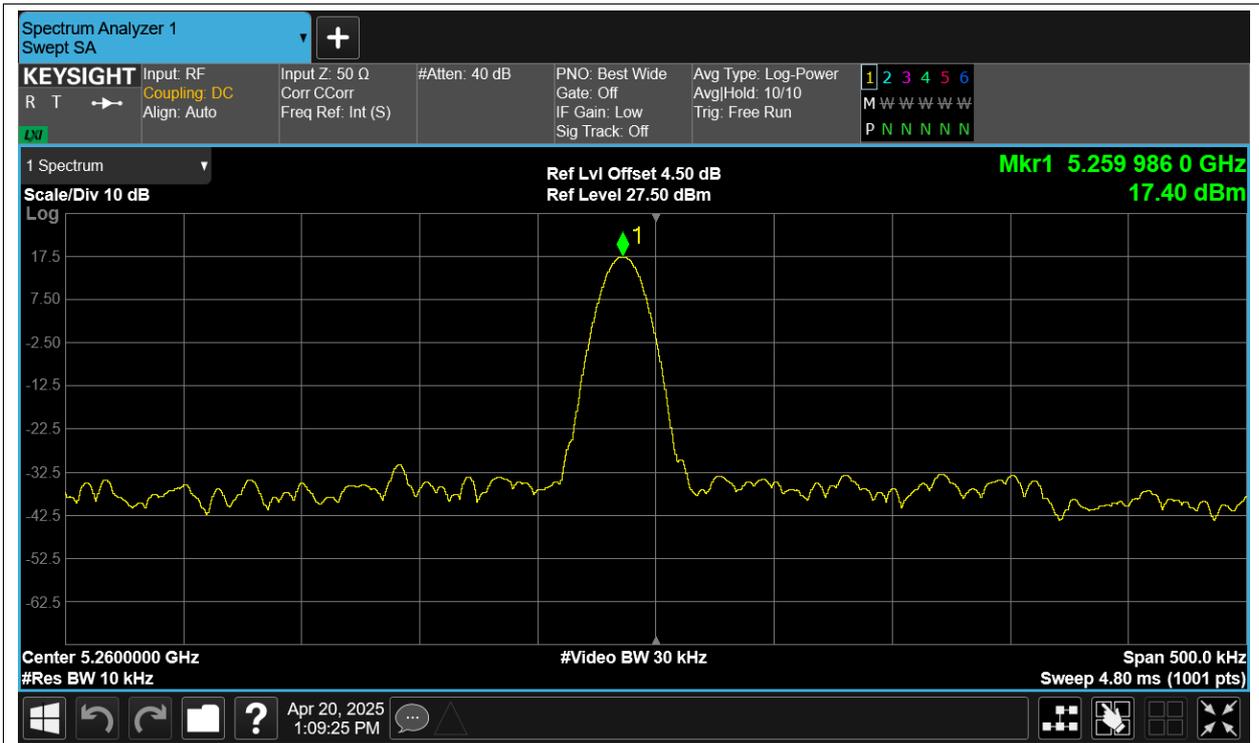
Freq. Stability HVNT a 5260MHz Ant12



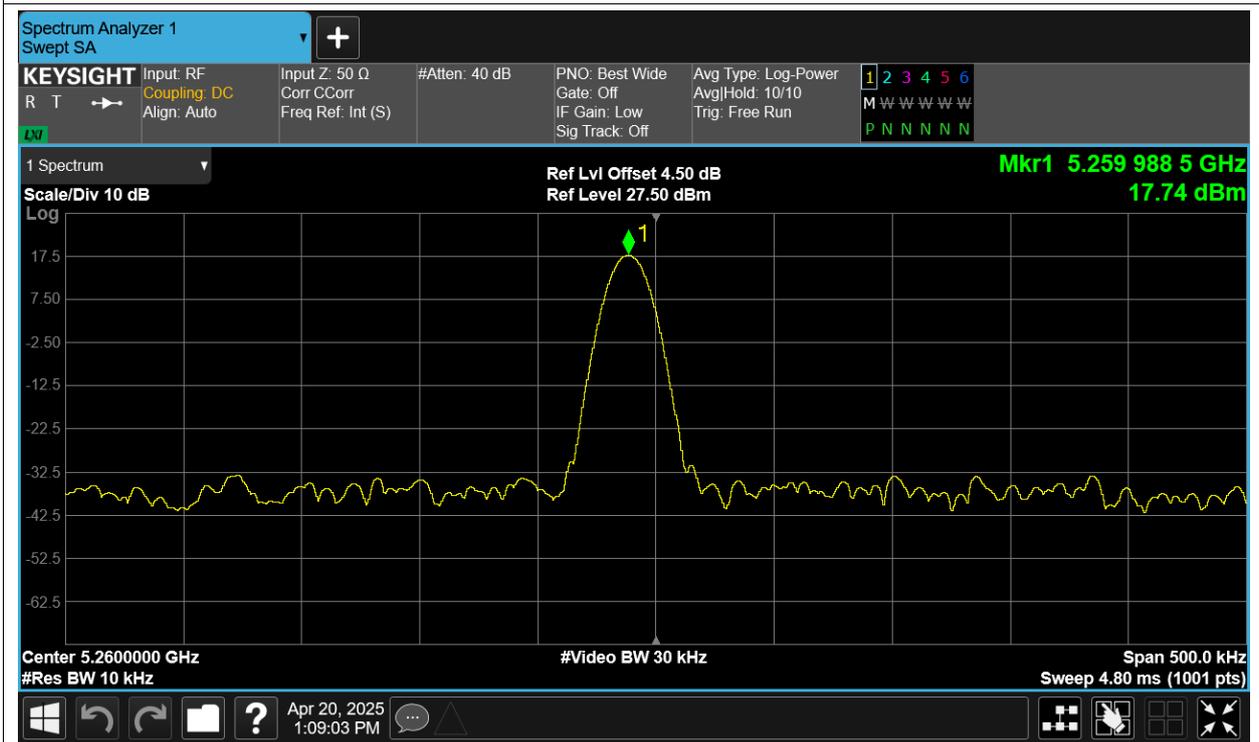
Freq. Stability LVNT a 5260MHz Ant12



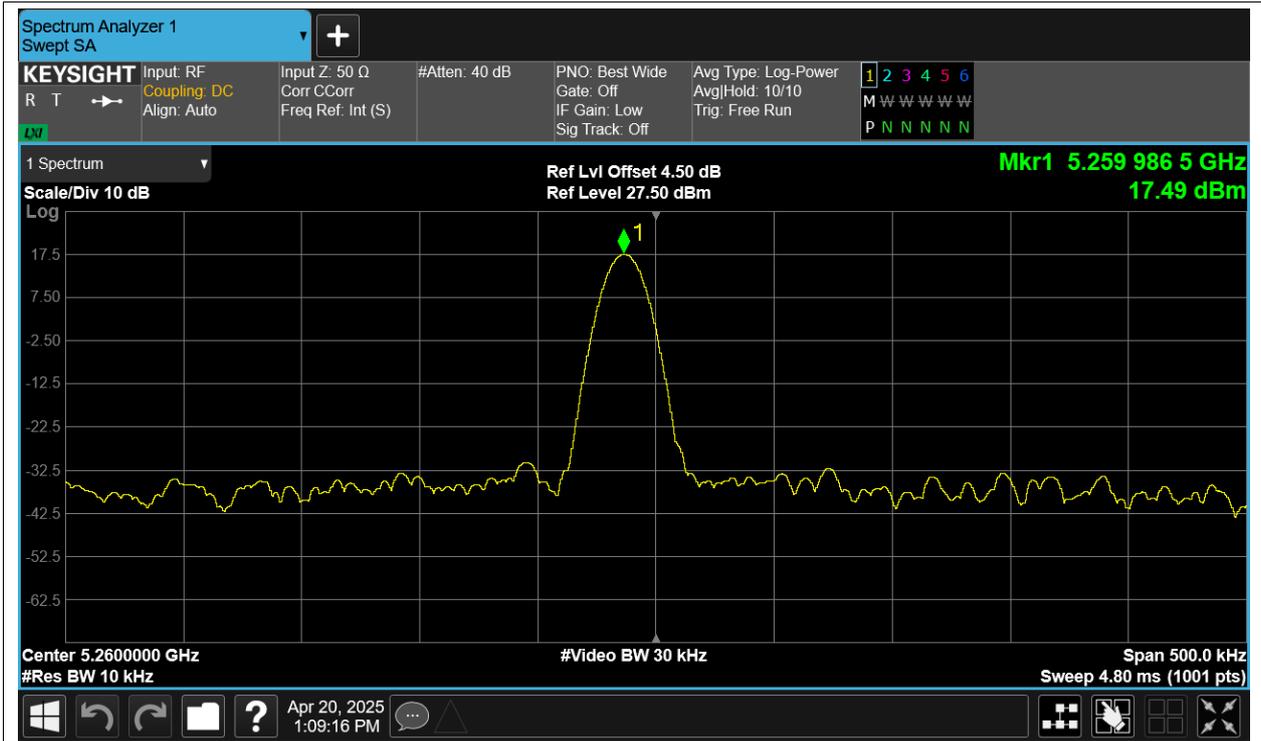
Freq. Stability NVHT a 5260MHz Ant12



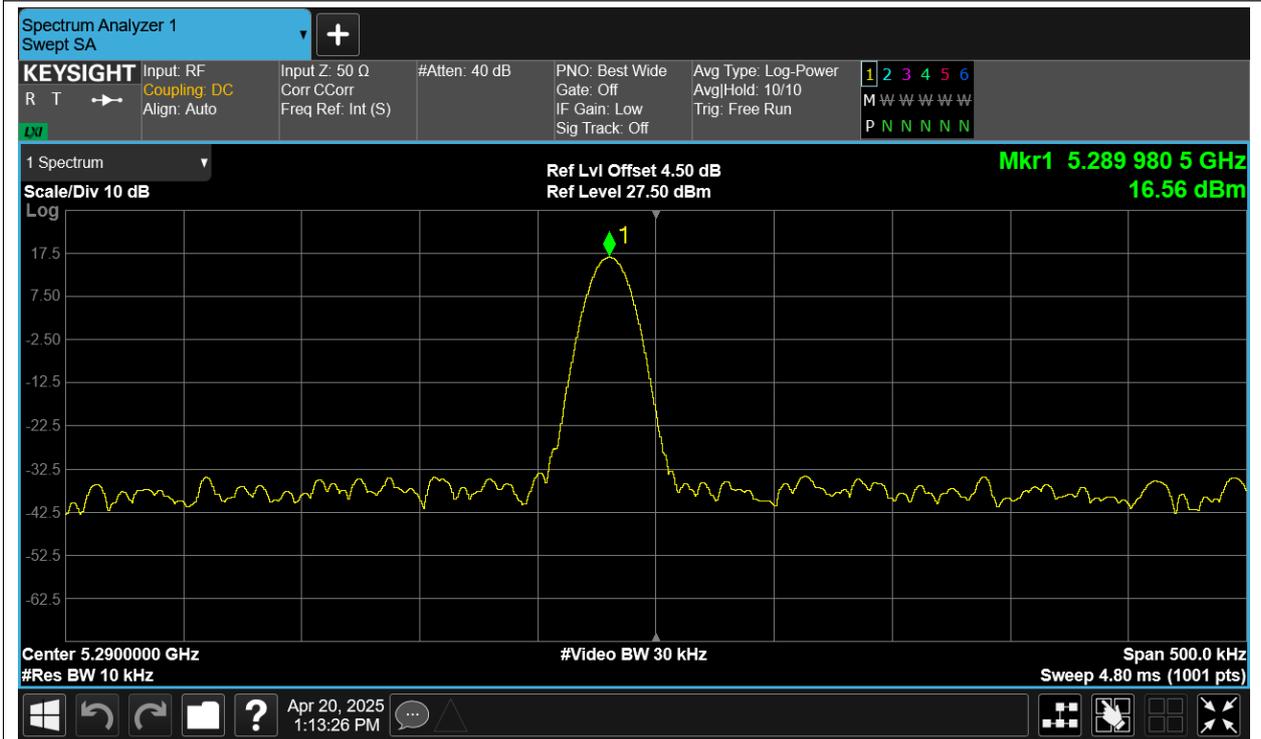
Freq. Stability NVLT a 5260MHz Ant12



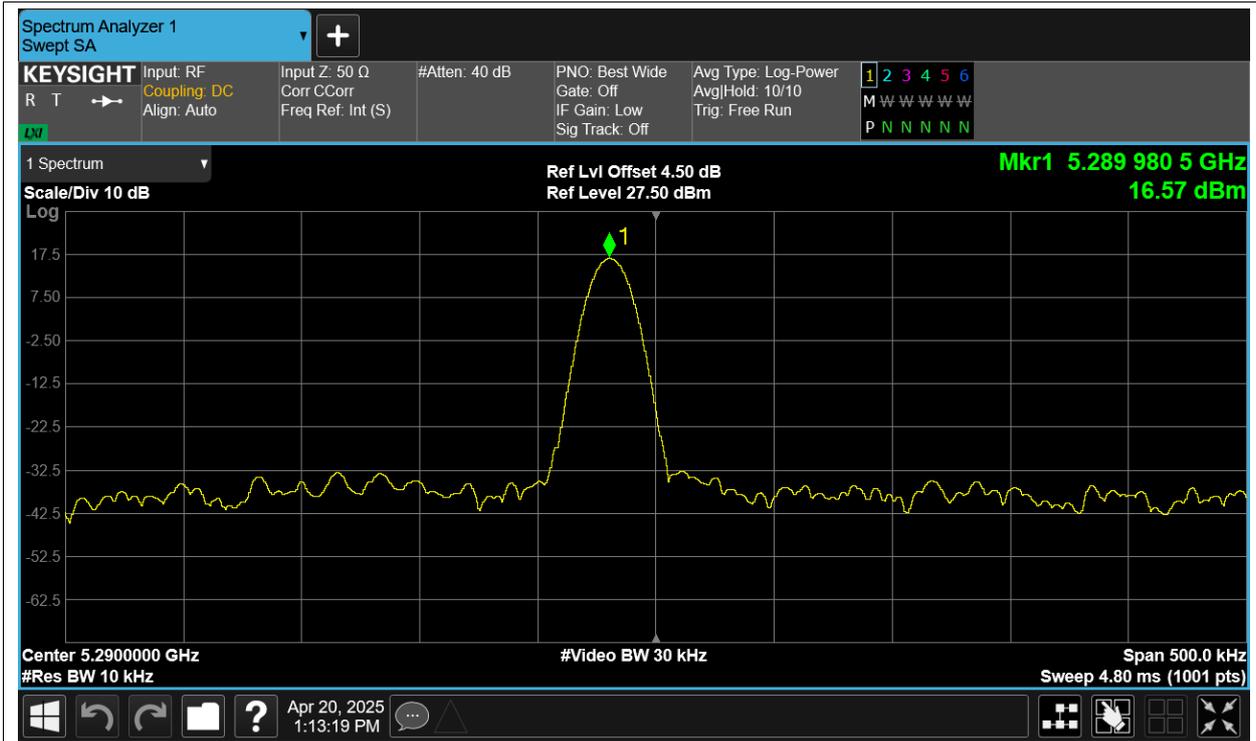
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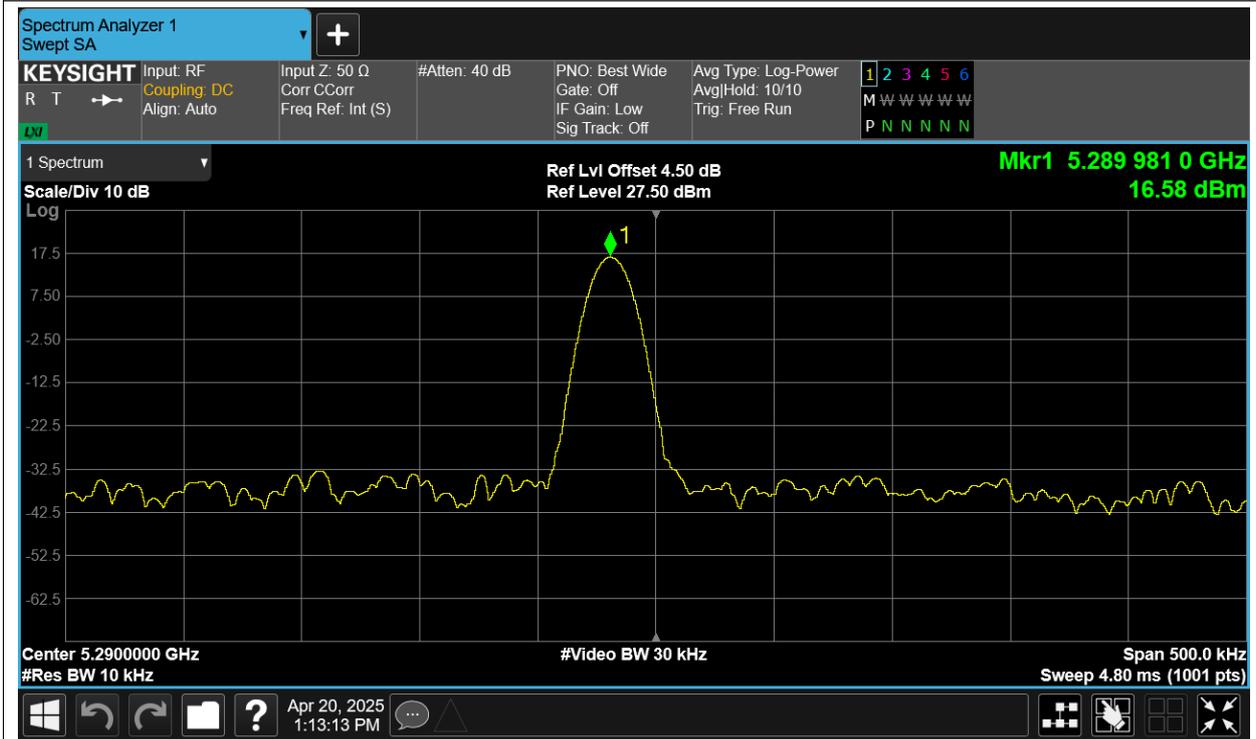
Freq. Stability HVNT ac80 5290MHz Ant12



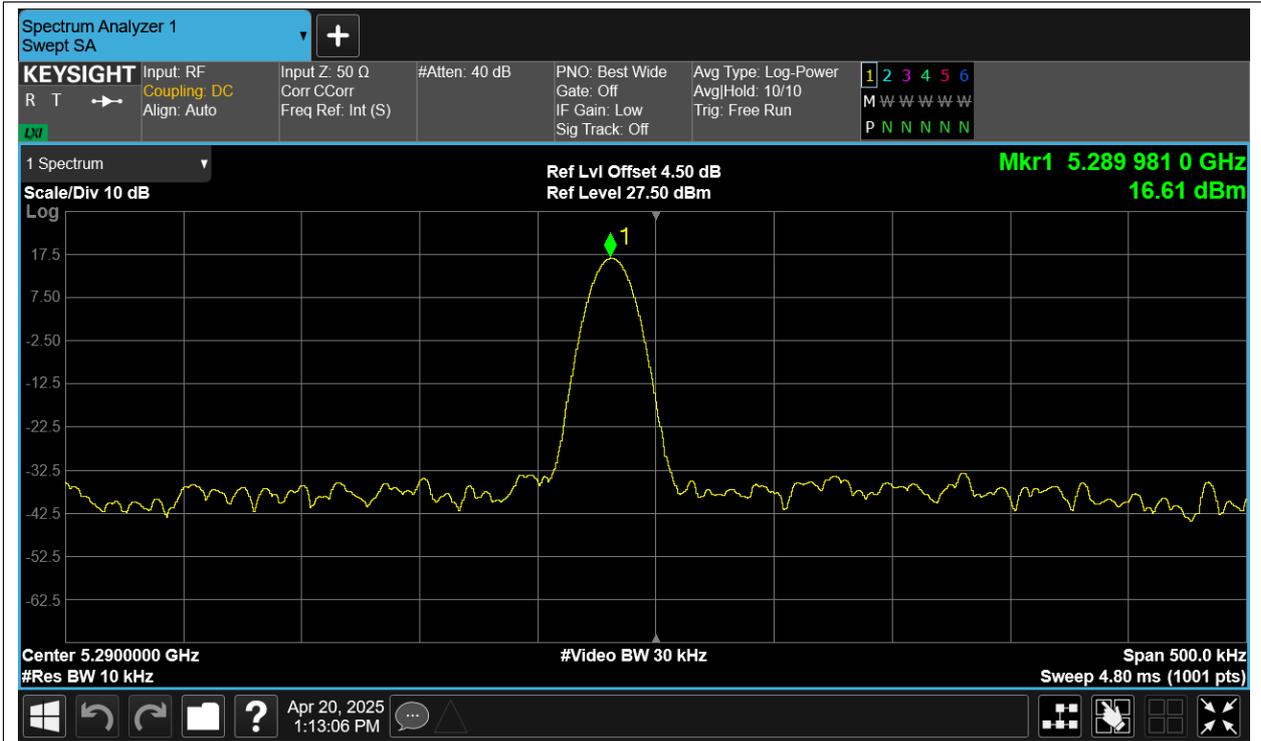
Freq. Stability LVNT ac80 5290MHz Ant12



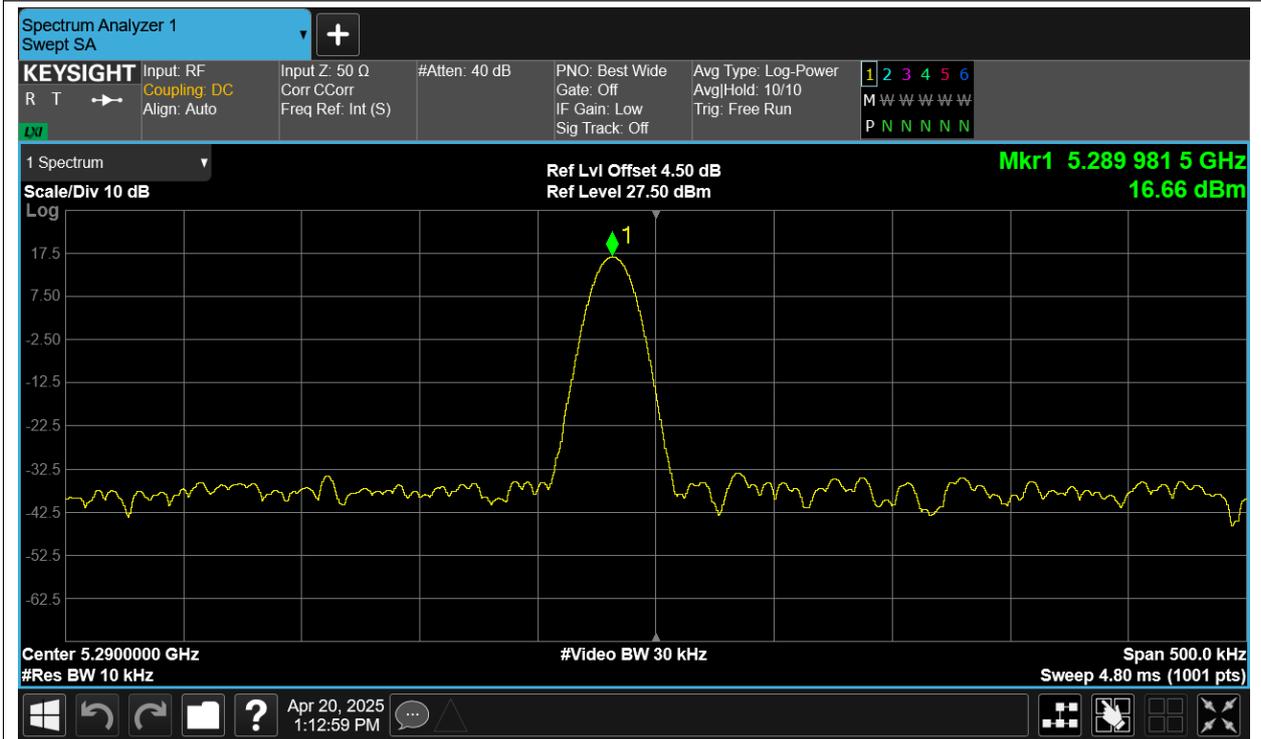
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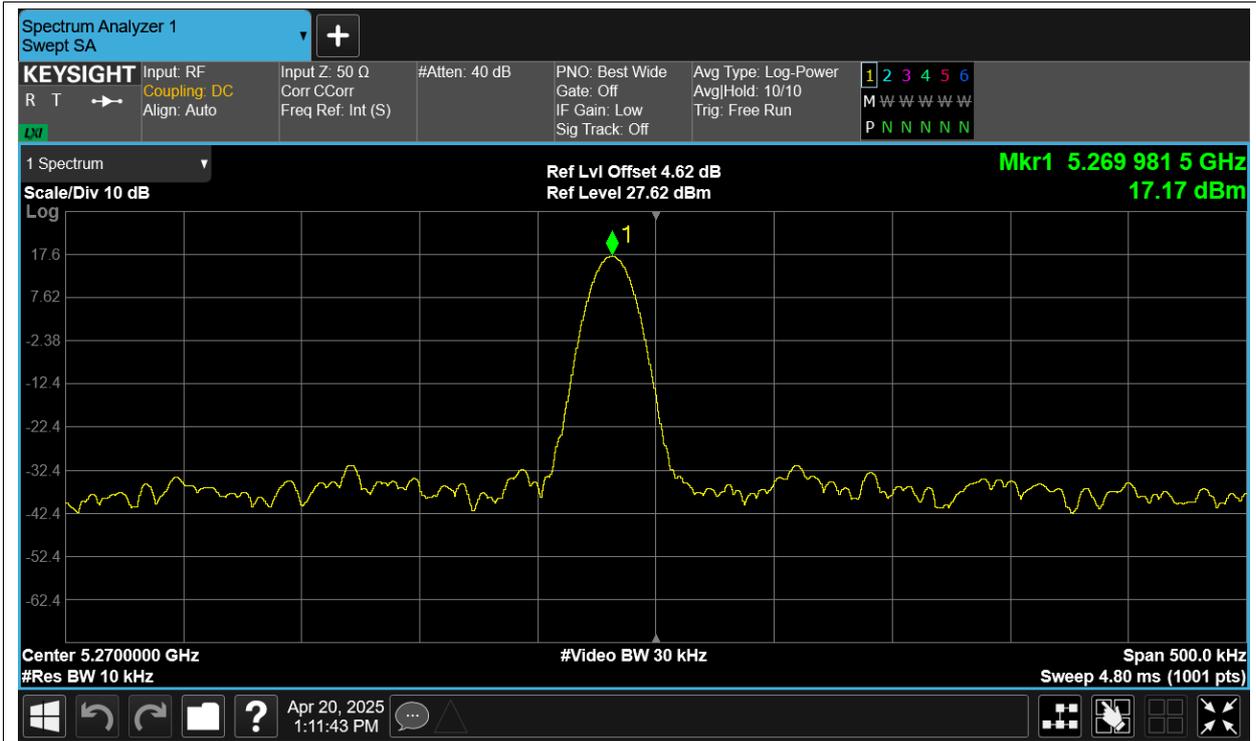
Freq. Stability NVLT ac80 5290MHz Ant12



Freq. Stability NVNT ac80 5290MHz Ant12



Freq. Stability HVNT n40 5270MHz Ant12



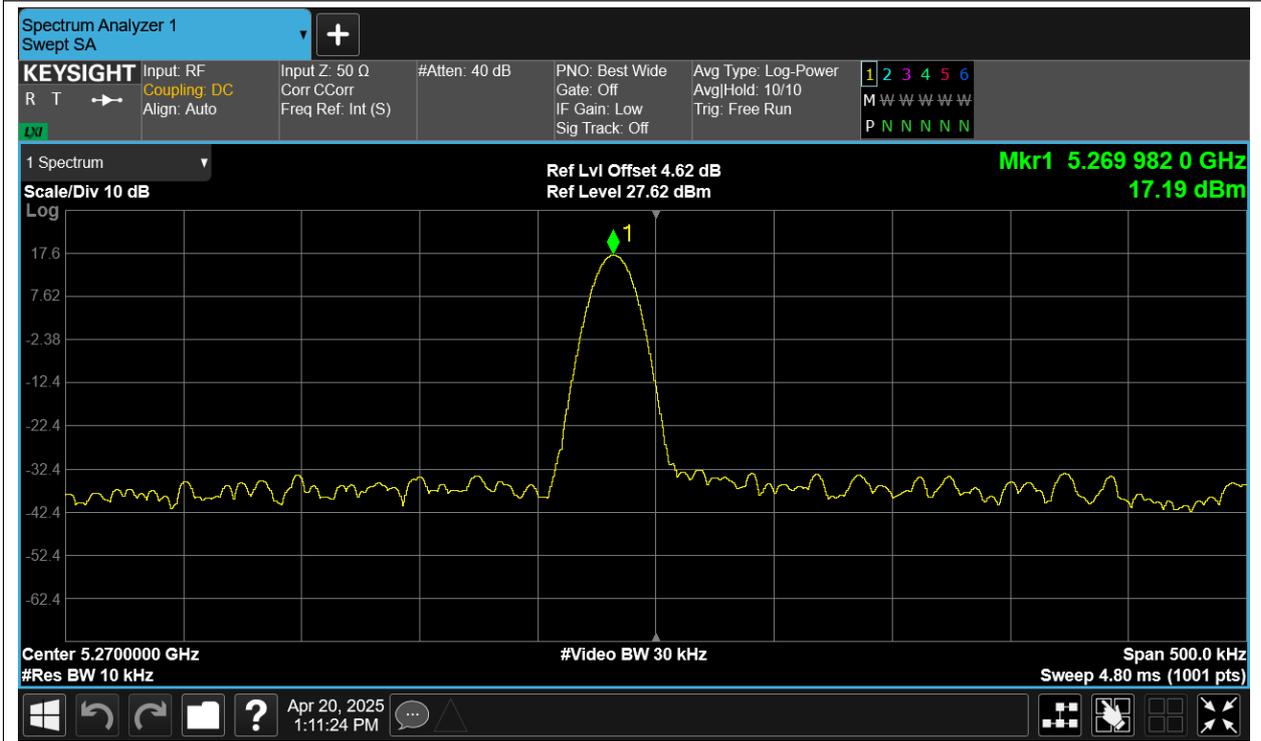
Freq. Stability LVNT n40 5270MHz Ant12



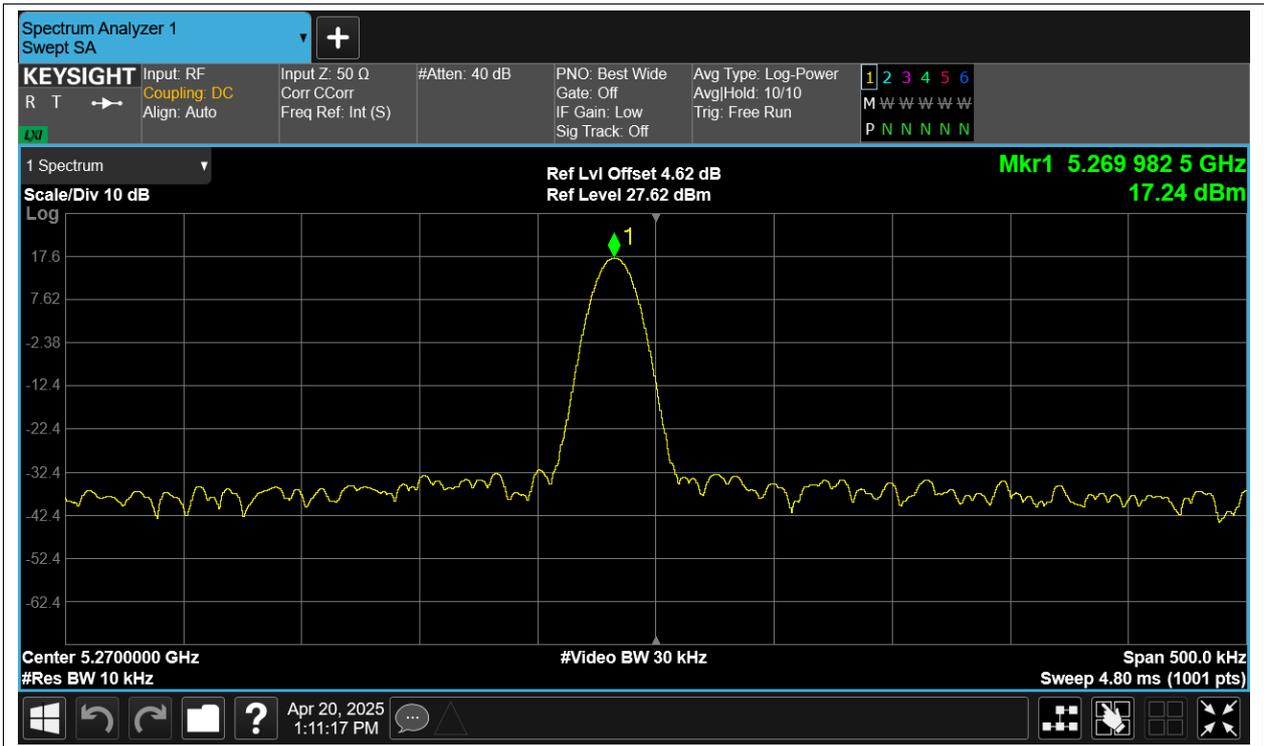
Freq. Stability NVHT n40 5270MHz Ant12



Freq. Stability NVLT n40 5270MHz Ant12



Freq. Stability NVNT n40 5270MHz Ant12

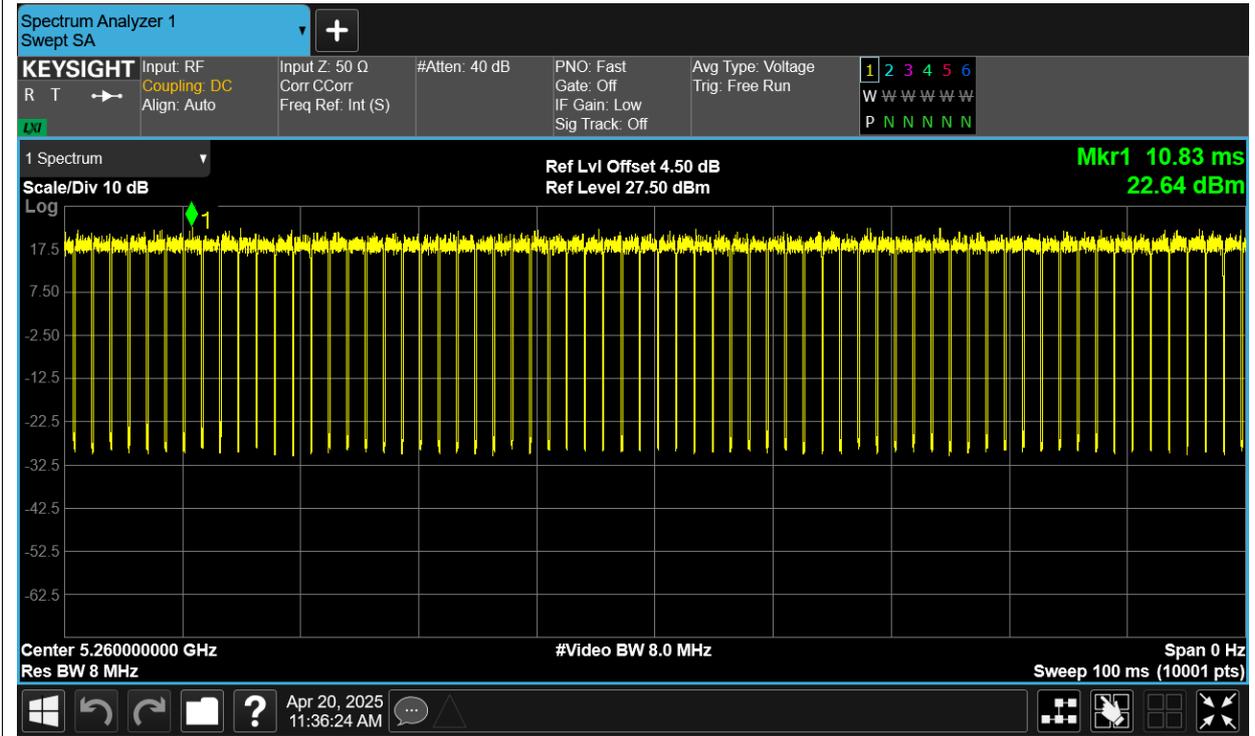


Duty Cycle

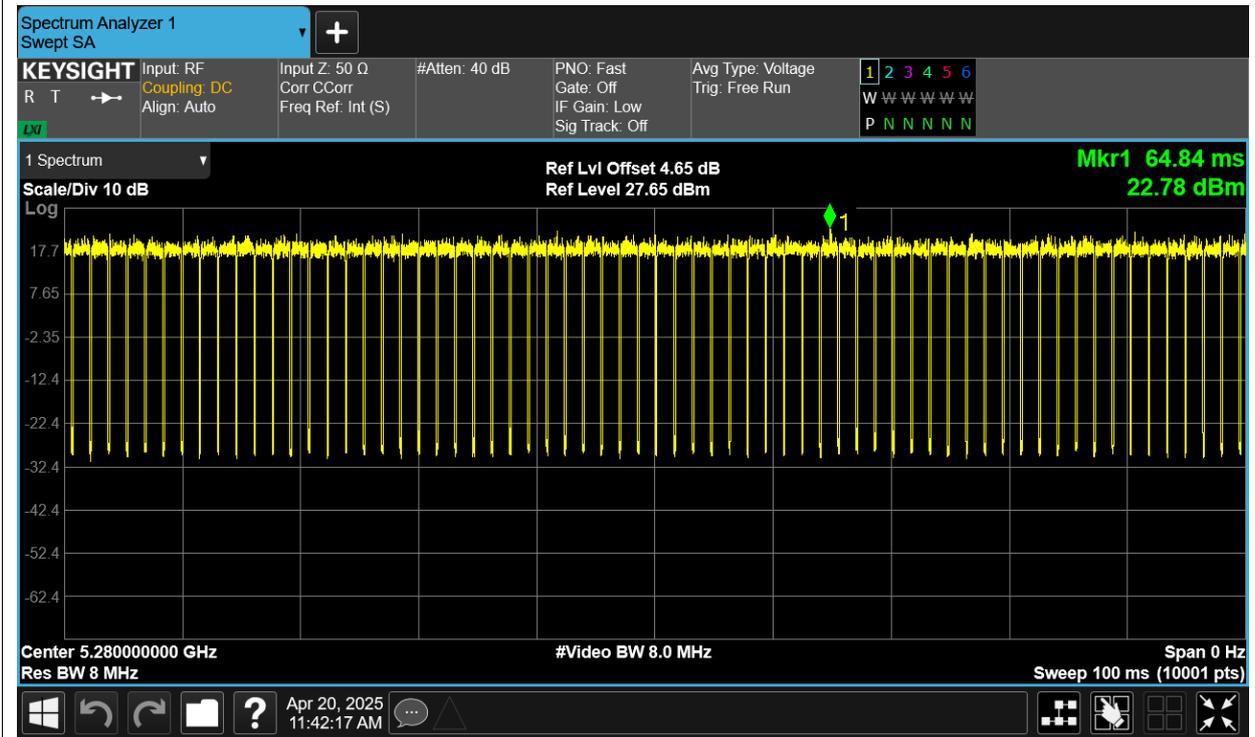
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant12	100	0
NVNT	a	5280	Ant12	100	0
NVNT	a	5320	Ant12	100	0
NVNT	ac20	5260	Ant12	100	0
NVNT	ac20	5280	Ant12	100	0
NVNT	ac20	5320	Ant12	100	0
NVNT	ac40	5270	Ant12	100	0
NVNT	ac40	5310	Ant12	100	0
NVNT	ac80	5290	Ant12	100	0
NVNT	n20	5260	Ant12	100	0
NVNT	n20	5280	Ant12	100	0
NVNT	n20	5320	Ant12	100	0
NVNT	n40	5270	Ant12	100	0
NVNT	n40	5310	Ant12	100	0

Test Graphs

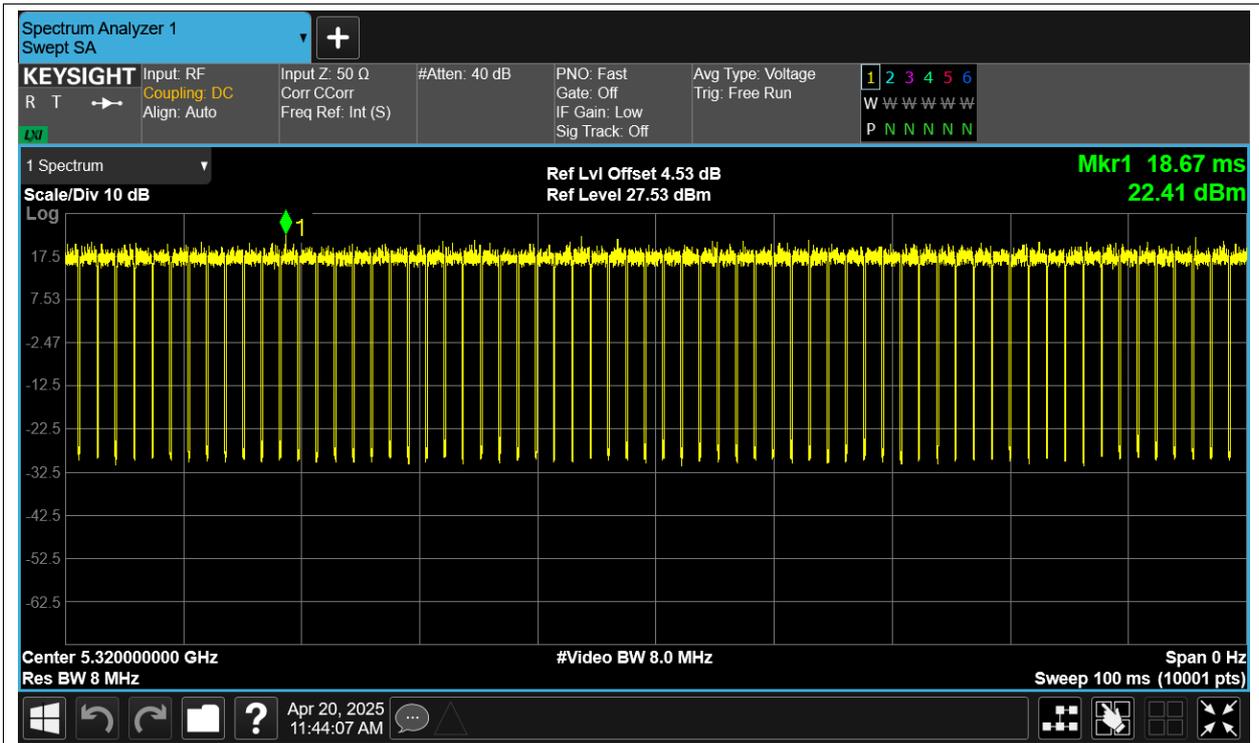
Duty Cycle NVNT a 5260MHz Ant12



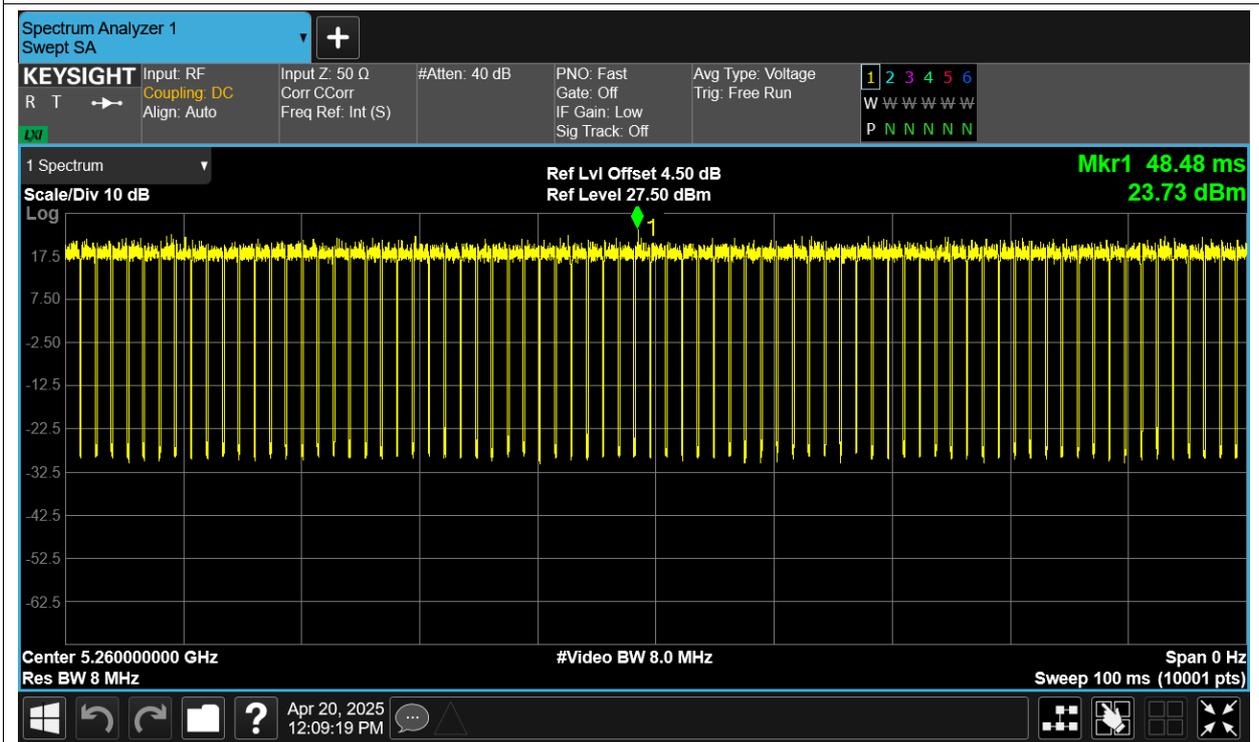
Duty Cycle NVNT a 5280MHz Ant12



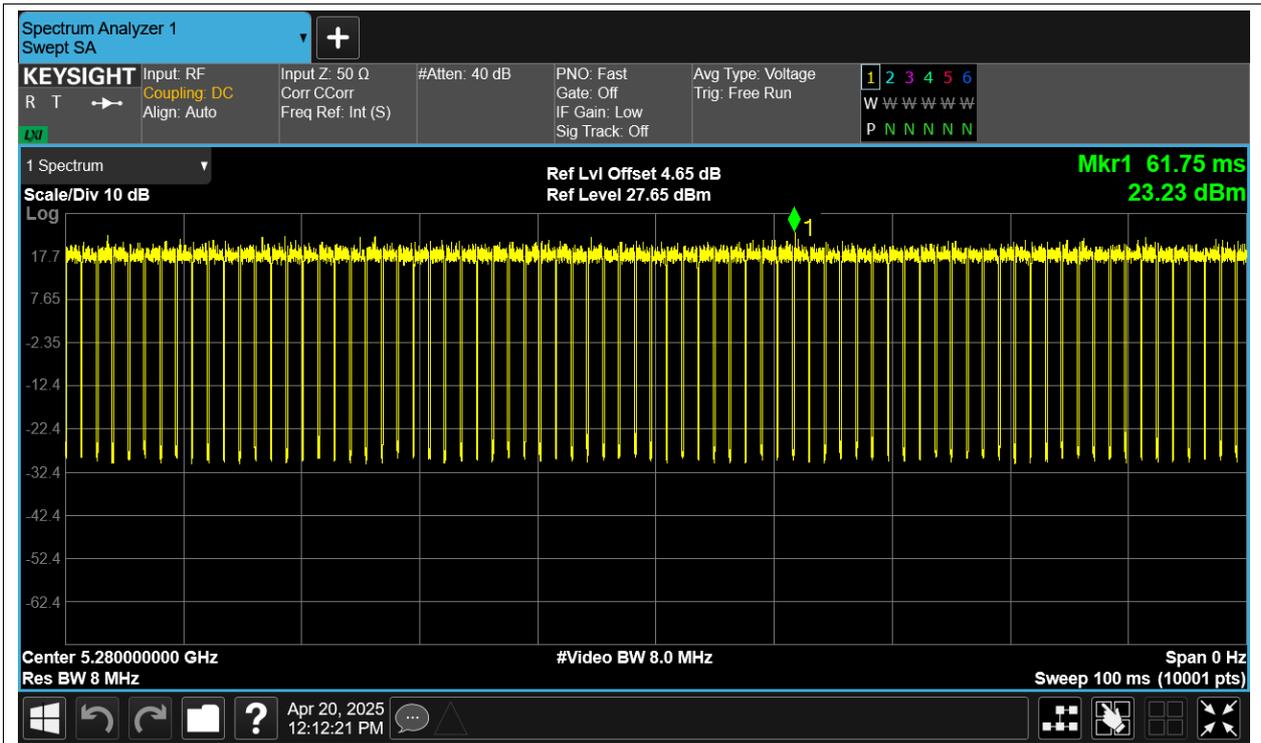
Duty Cycle NVNT a 5320MHz Ant12



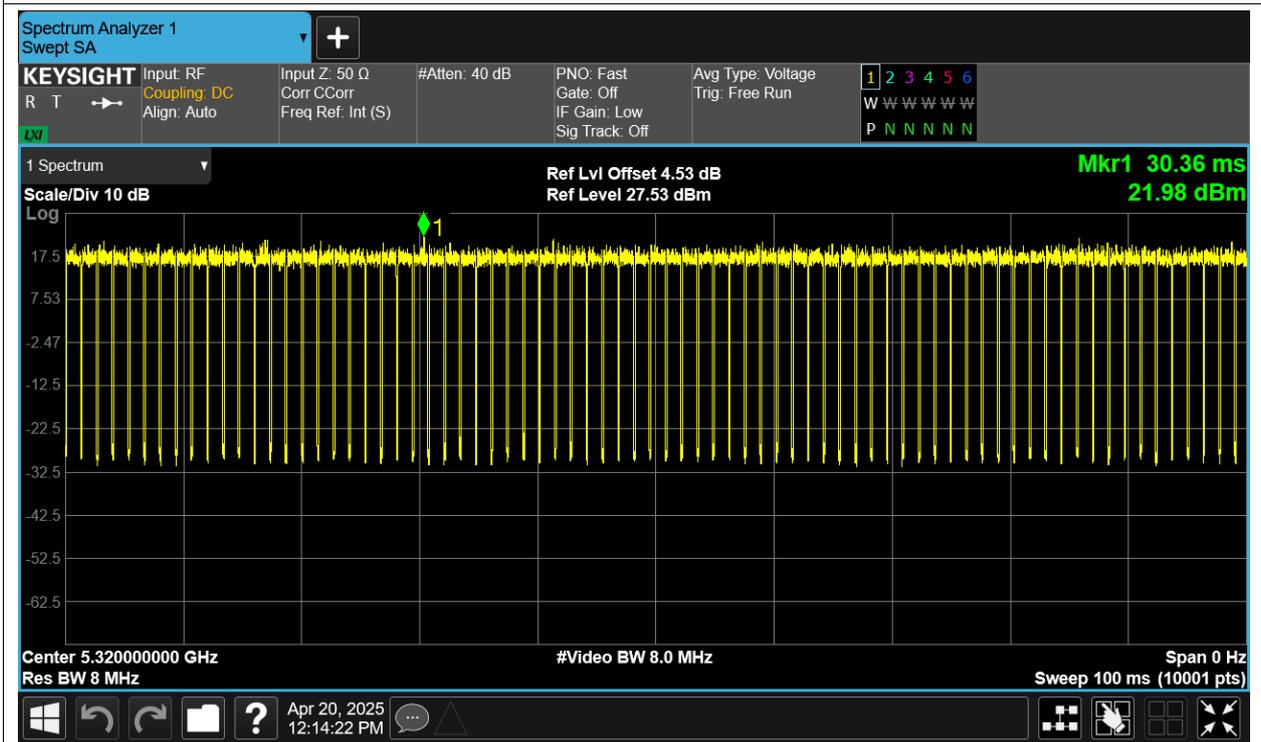
Duty Cycle NVNT ac20 5260MHz Ant12



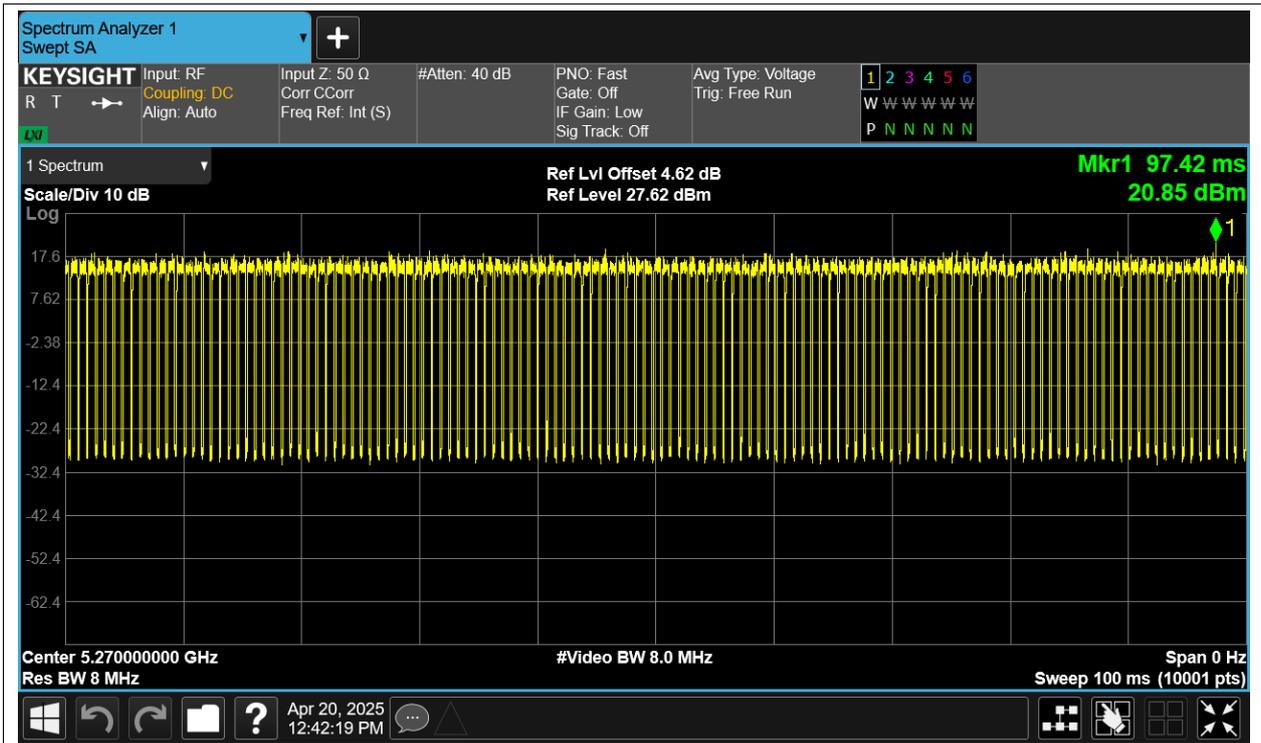
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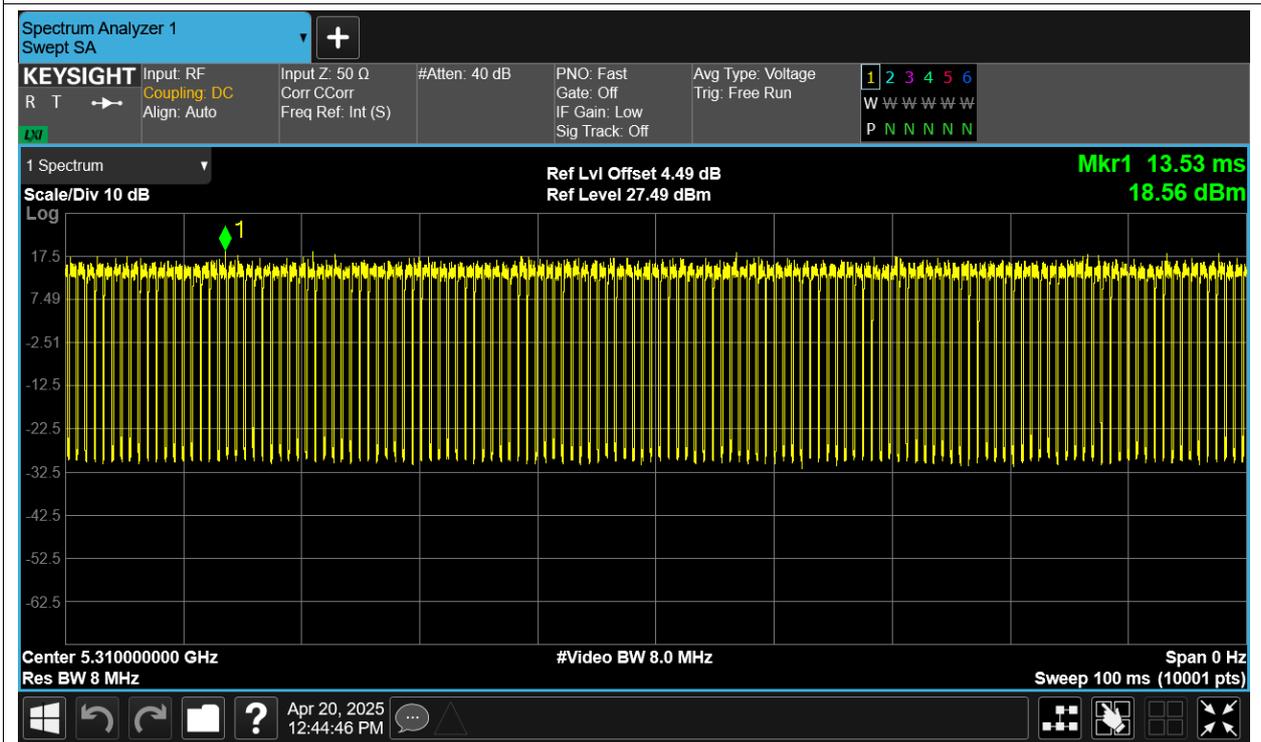
Duty Cycle NVNT ac20 5320MHz Ant12



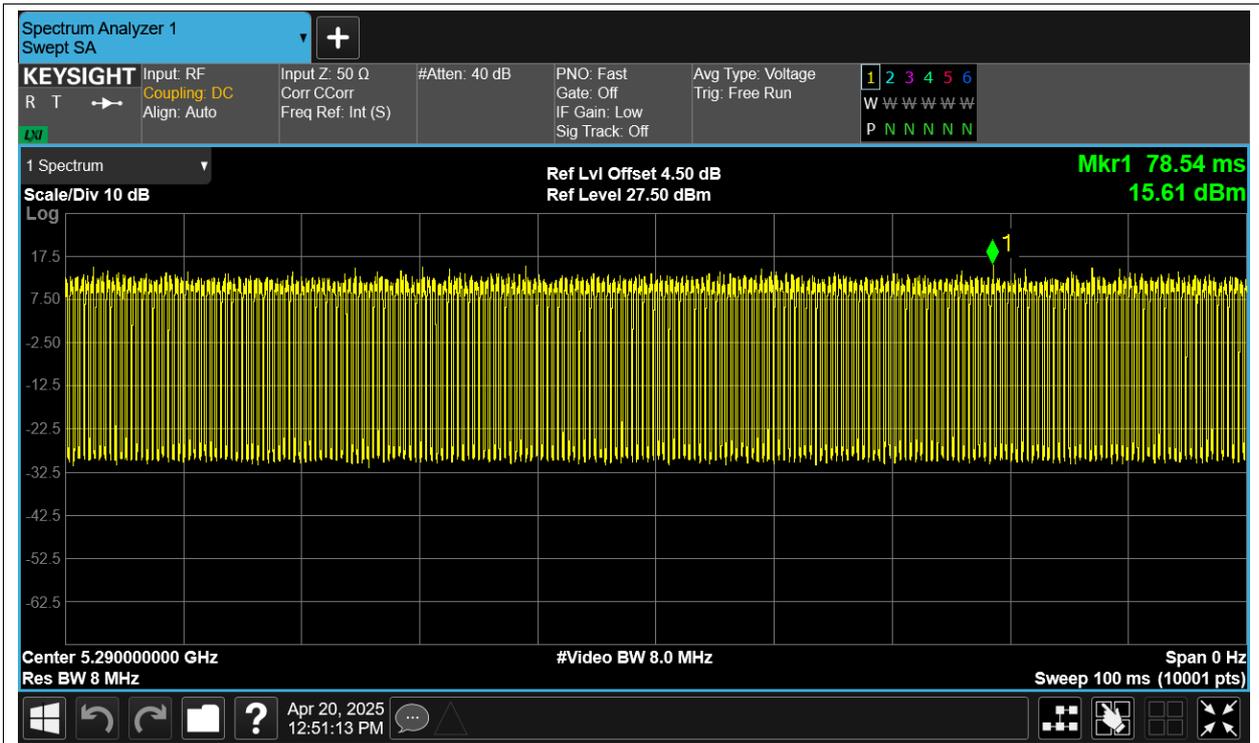
Duty Cycle NVNT ac40 5270MHz Ant12



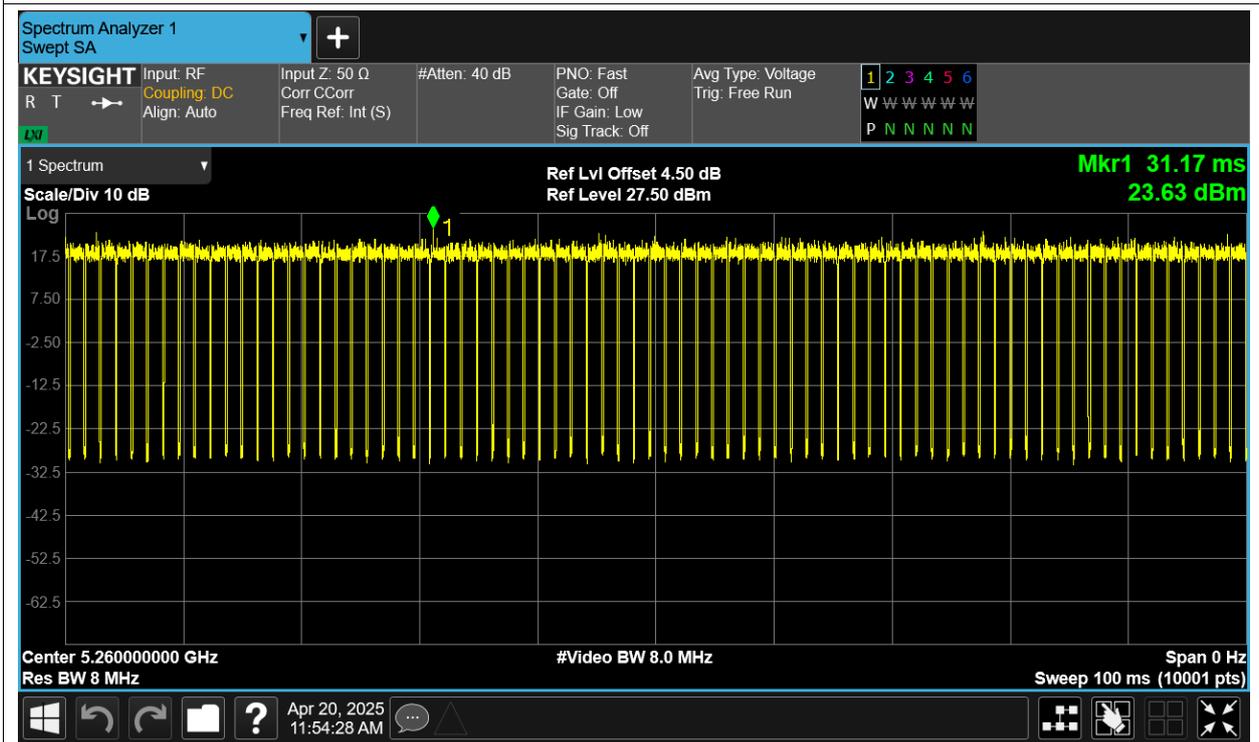
Duty Cycle NVNT ac40 5310MHz Ant12



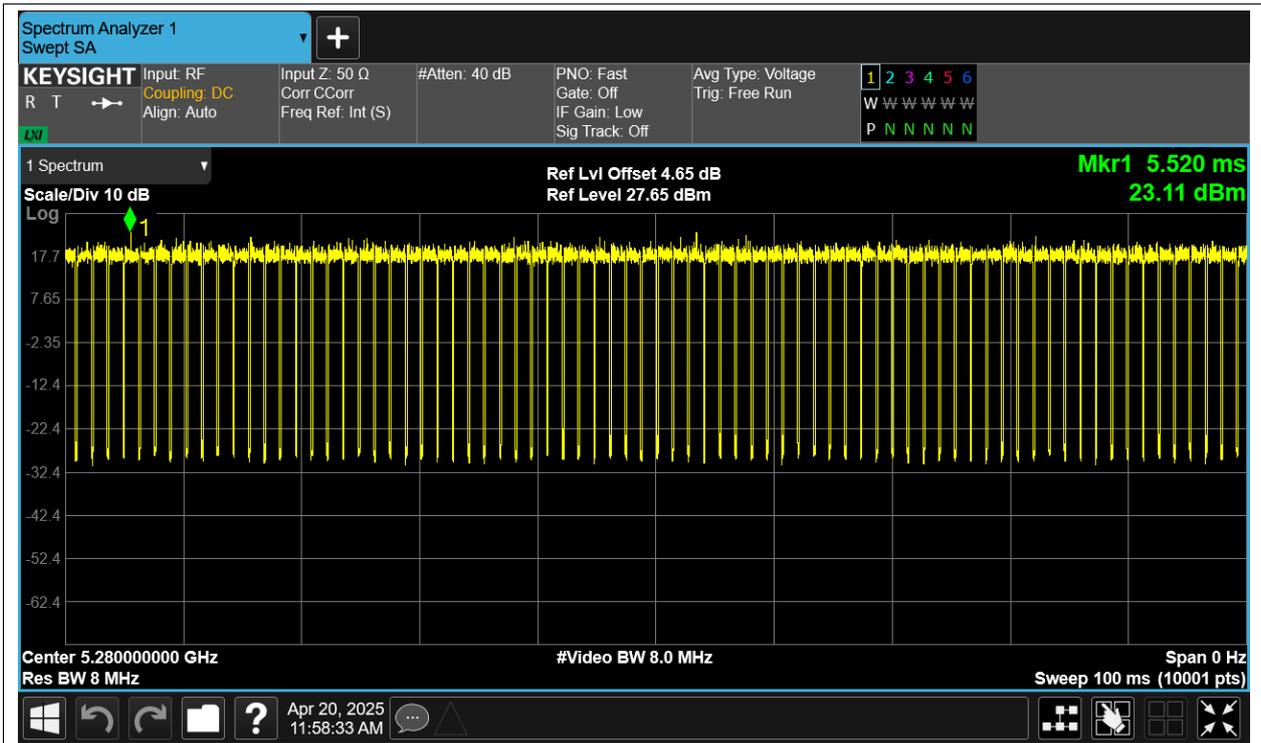
Duty Cycle NVNT ac80 5290MHz Ant12



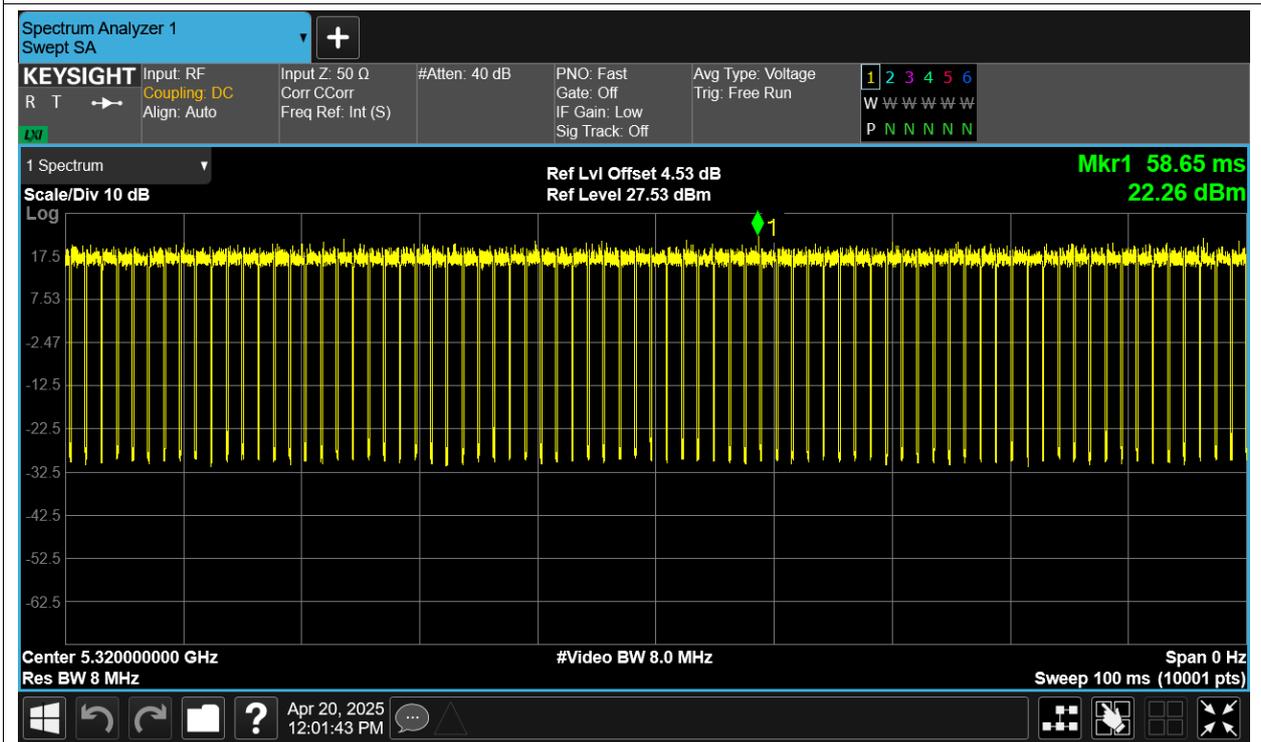
Duty Cycle NVNT n20 5260MHz Ant12



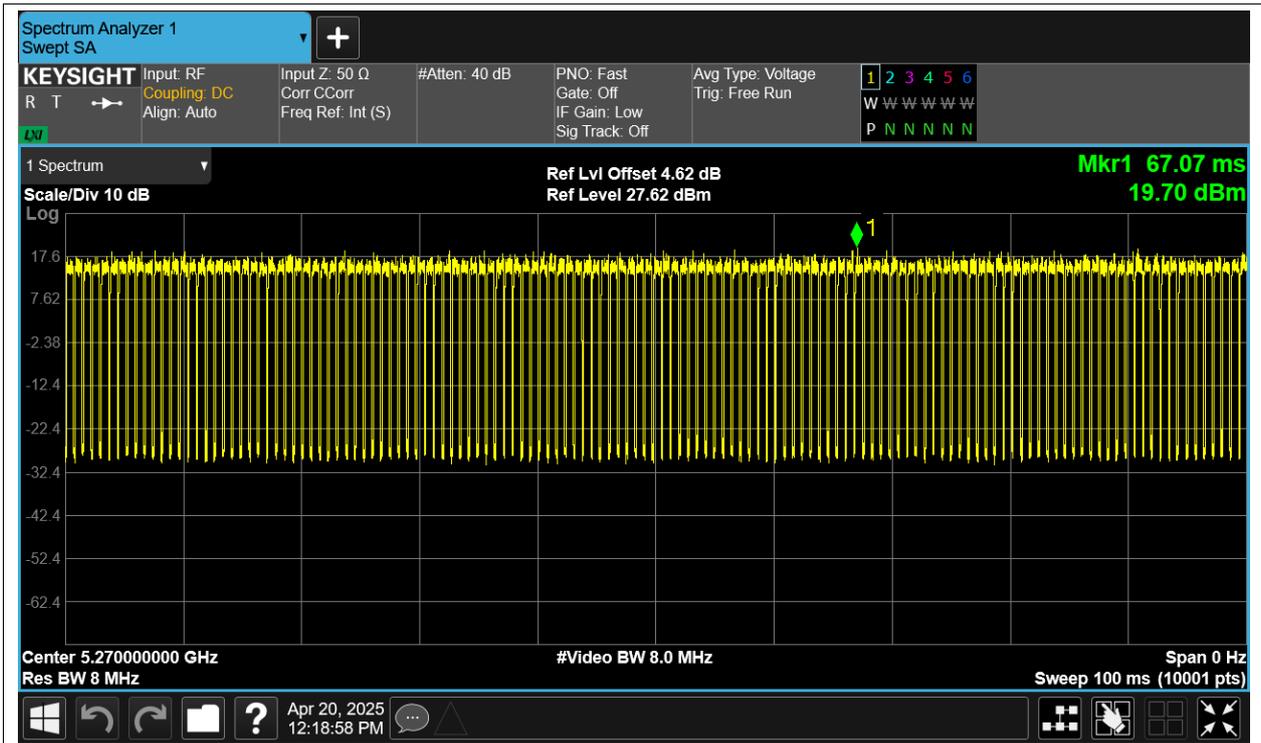
Duty Cycle NVNT n20 5280MHz Ant12



Duty Cycle NVNT n20 5320MHz Ant12



Duty Cycle NVNT n40 5270MHz Ant12



Duty Cycle NVNT n40 5310MHz Ant12



Maximum Conducted Output Power

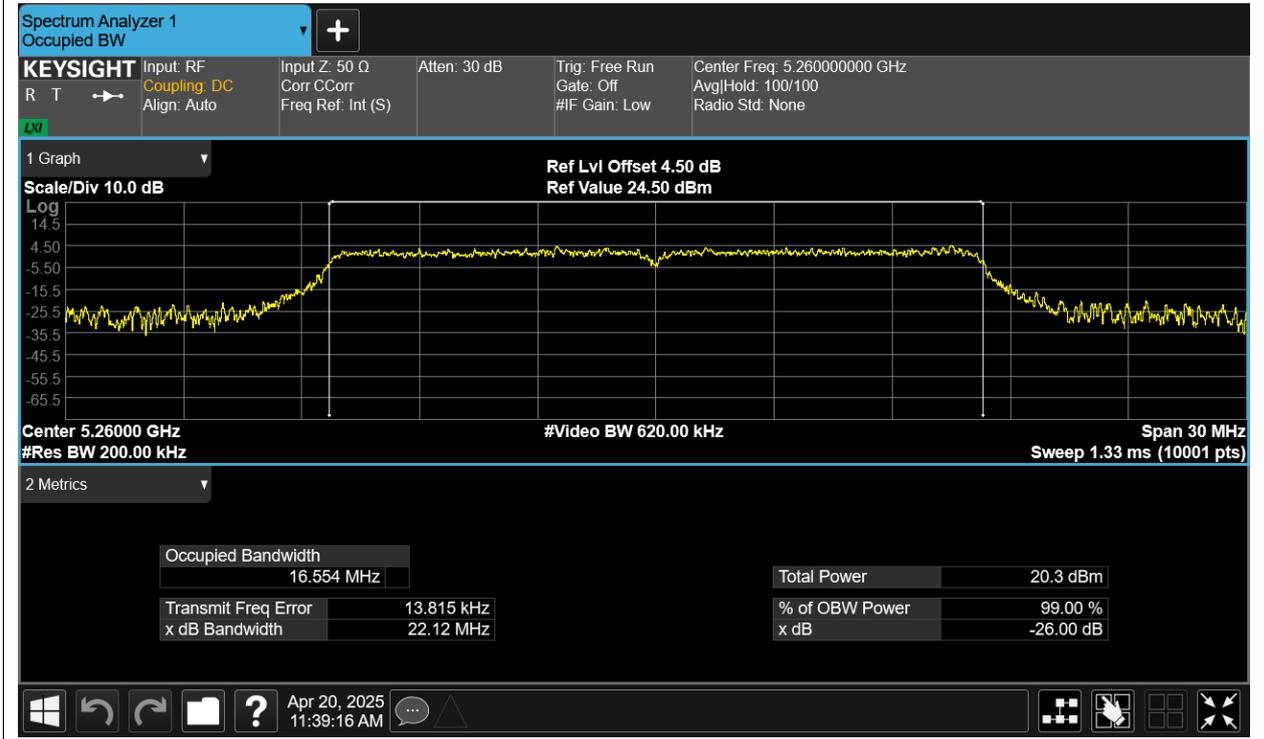
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant12	14.74	0	14.74	24	Pass
NVNT	a	5280	Ant12	14.38	0	14.38	24	Pass
NVNT	a	5320	Ant12	13.6	0	13.6	24	Pass
NVNT	ac20	5260	Ant12	14.77	0	14.77	24	Pass
NVNT	ac20	5280	Ant12	14.44	0	14.44	24	Pass
NVNT	ac20	5320	Ant12	13.62	0	13.62	24	Pass
NVNT	ac40	5270	Ant12	15.11	0	15.11	24	Pass
NVNT	ac40	5310	Ant12	14.52	0	14.52	24	Pass
NVNT	ac80	5290	Ant12	13.92	0	13.92	24	Pass
NVNT	n20	5260	Ant12	14.75	0	14.75	24	Pass
NVNT	n20	5280	Ant12	14.39	0	14.39	24	Pass
NVNT	n20	5320	Ant12	13.62	0	13.62	24	Pass
NVNT	n40	5270	Ant12	15.15	0	15.15	24	Pass
NVNT	n40	5310	Ant12	14.51	0	14.51	24	Pass

Occupied Channel Bandwidth

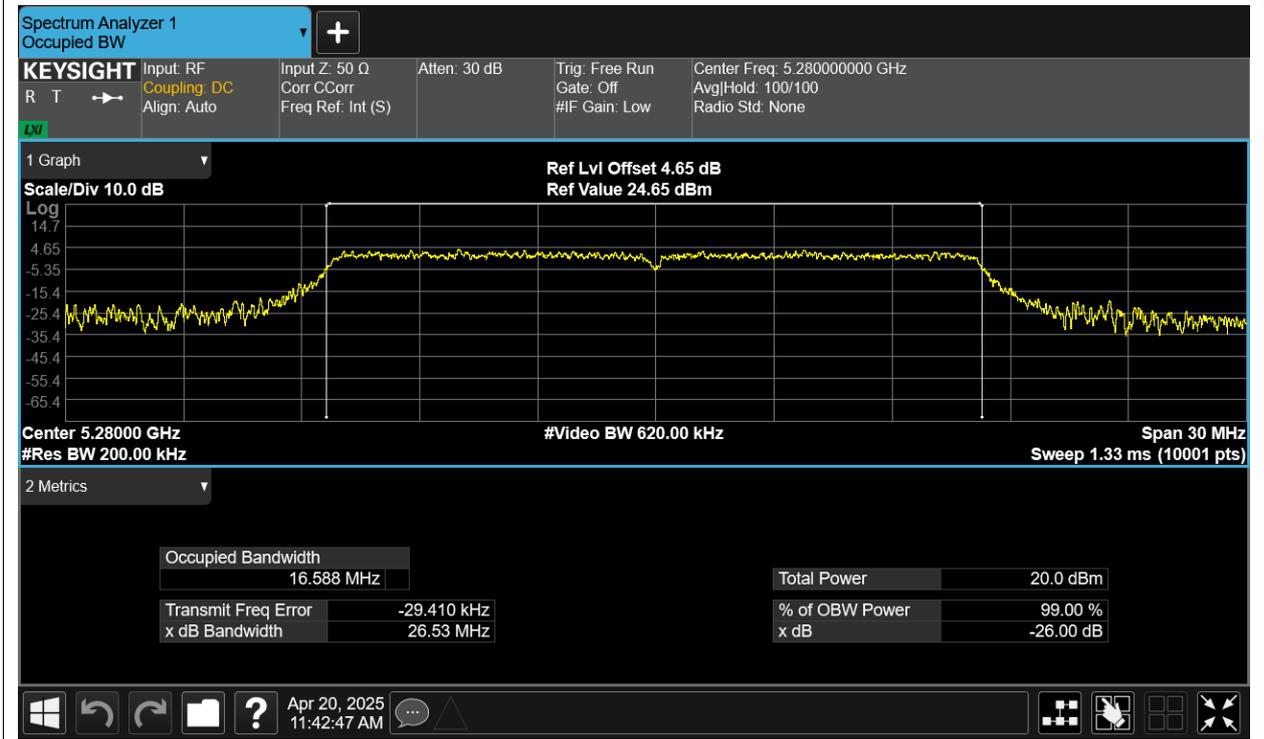
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant12	16.554
NVNT	a	5280	Ant12	16.588
NVNT	a	5320	Ant12	16.528
NVNT	ac20	5260	Ant12	17.622
NVNT	ac20	5280	Ant12	17.62
NVNT	ac20	5320	Ant12	17.574
NVNT	ac40	5270	Ant12	36.356
NVNT	ac40	5310	Ant12	36.427
NVNT	ac80	5290	Ant12	75.517
NVNT	n20	5260	Ant12	17.659
NVNT	n20	5280	Ant12	17.651
NVNT	n20	5320	Ant12	17.64
NVNT	n40	5270	Ant12	36.326
NVNT	n40	5310	Ant12	36.438

Test Graphs

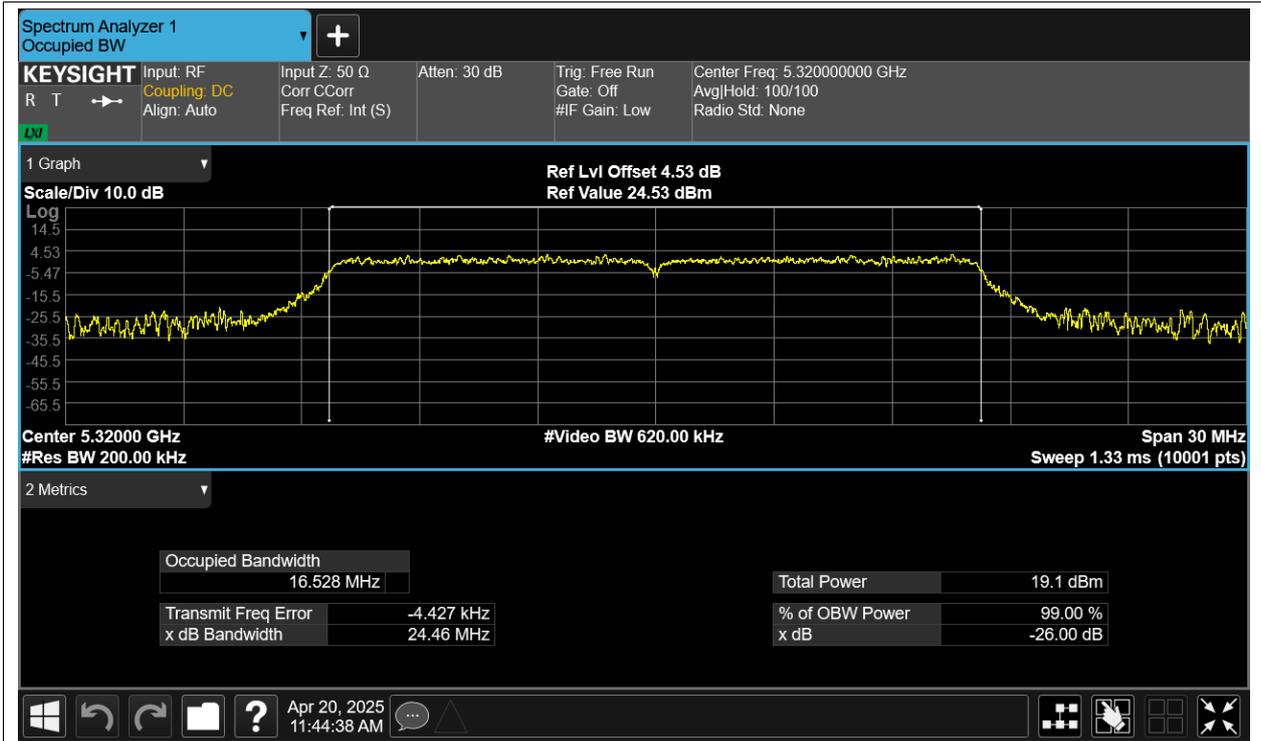
OBW NVNT a 5260MHz Ant12



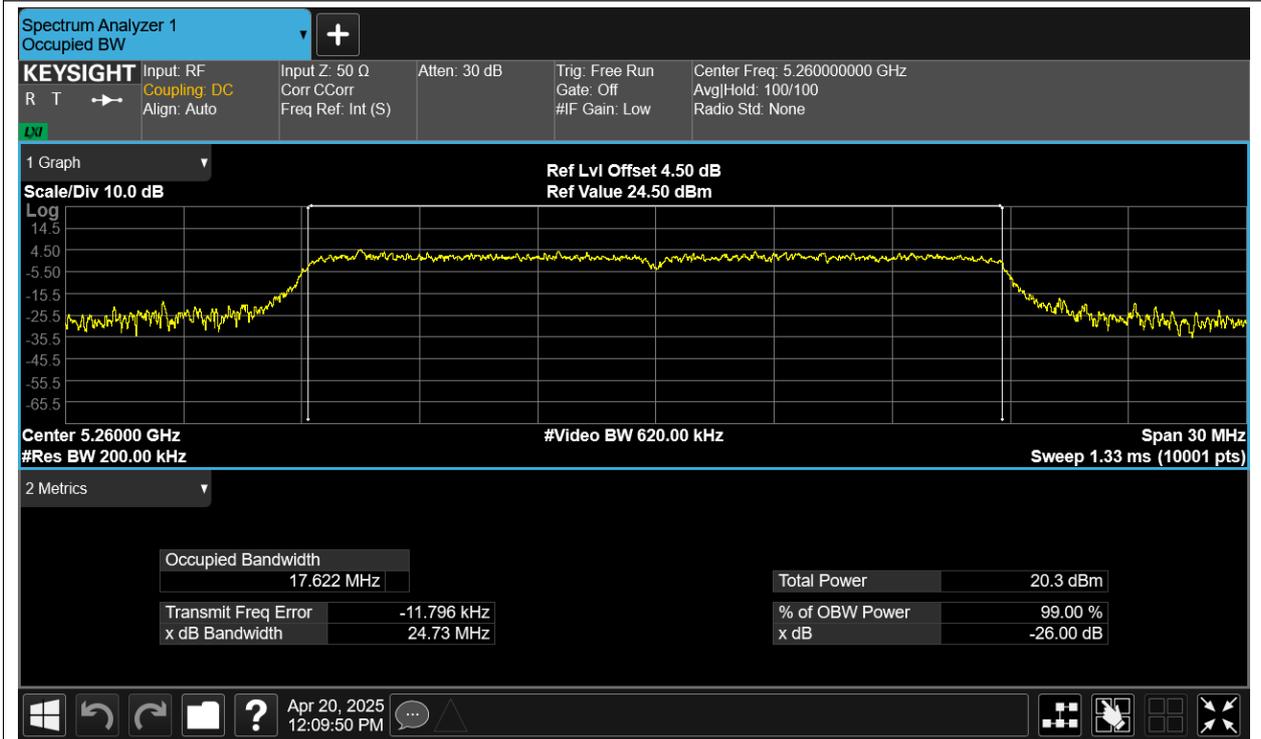
OBW NVNT a 5280MHz Ant12



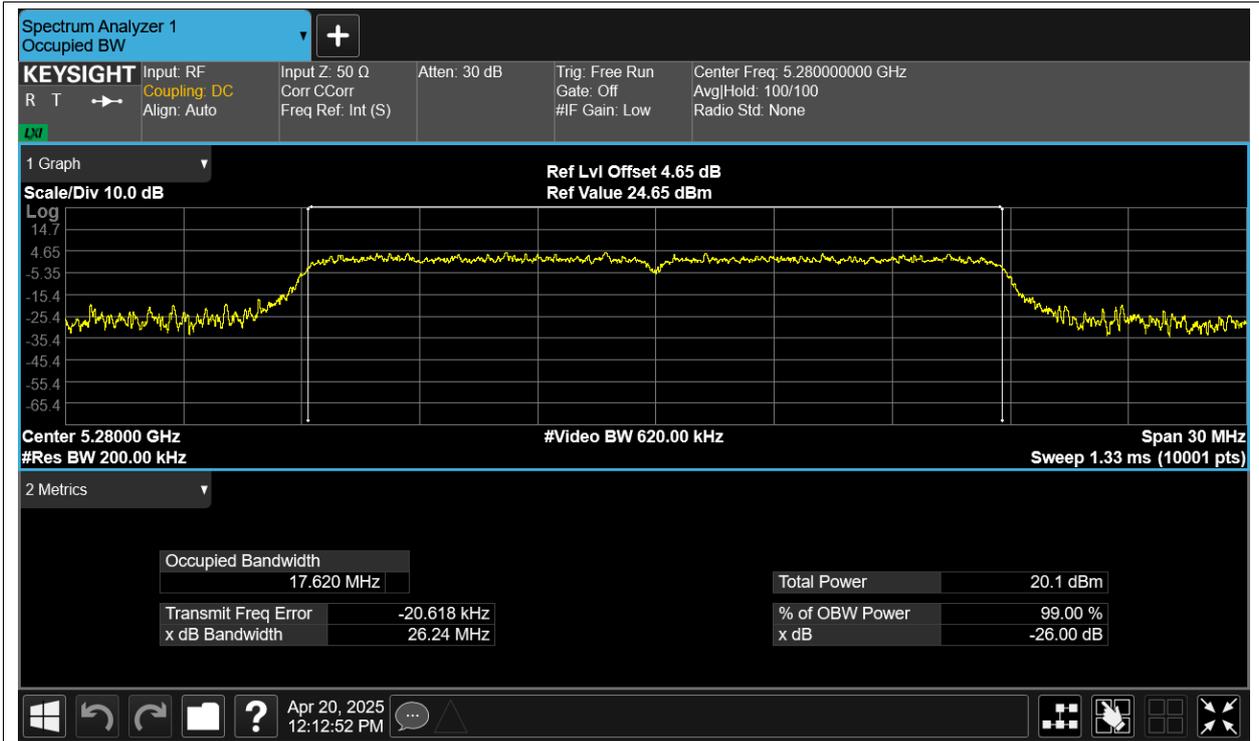
OBW NVNT a 5320MHz Ant12



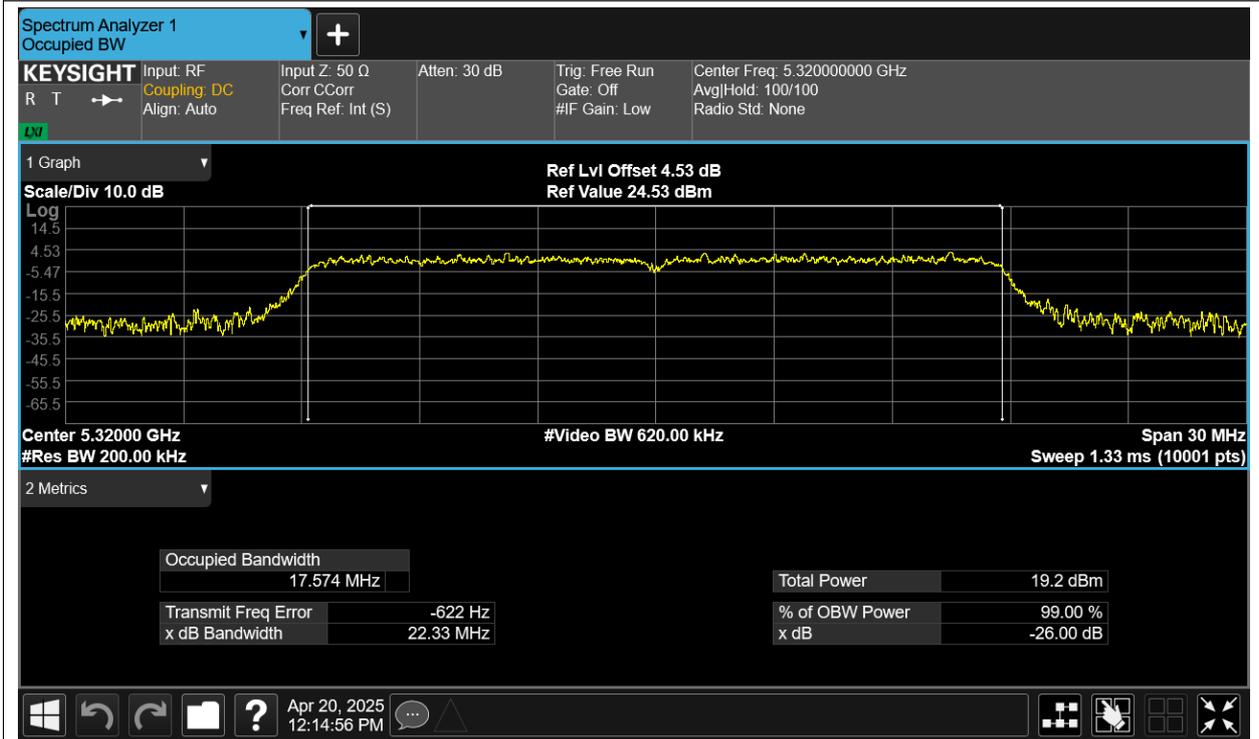
OBW NVNT ac20 5260MHz Ant12



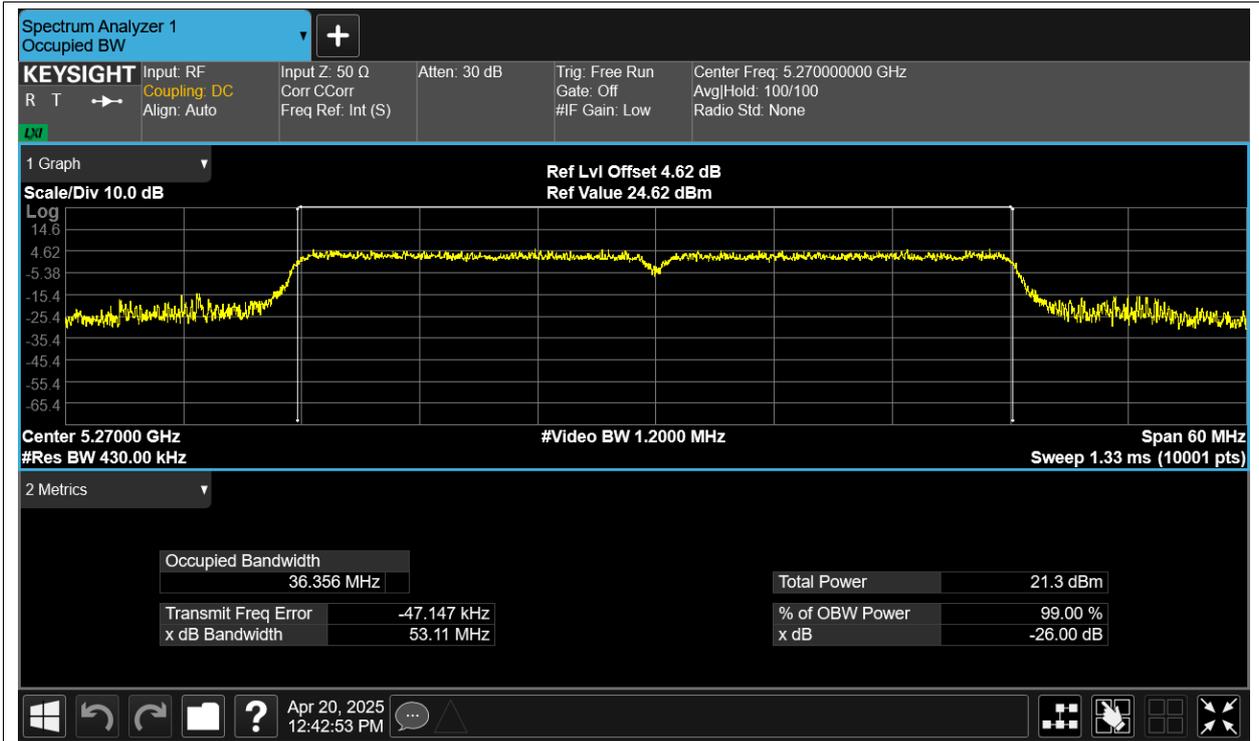
OBW NVNT ac20 5280MHz Ant12



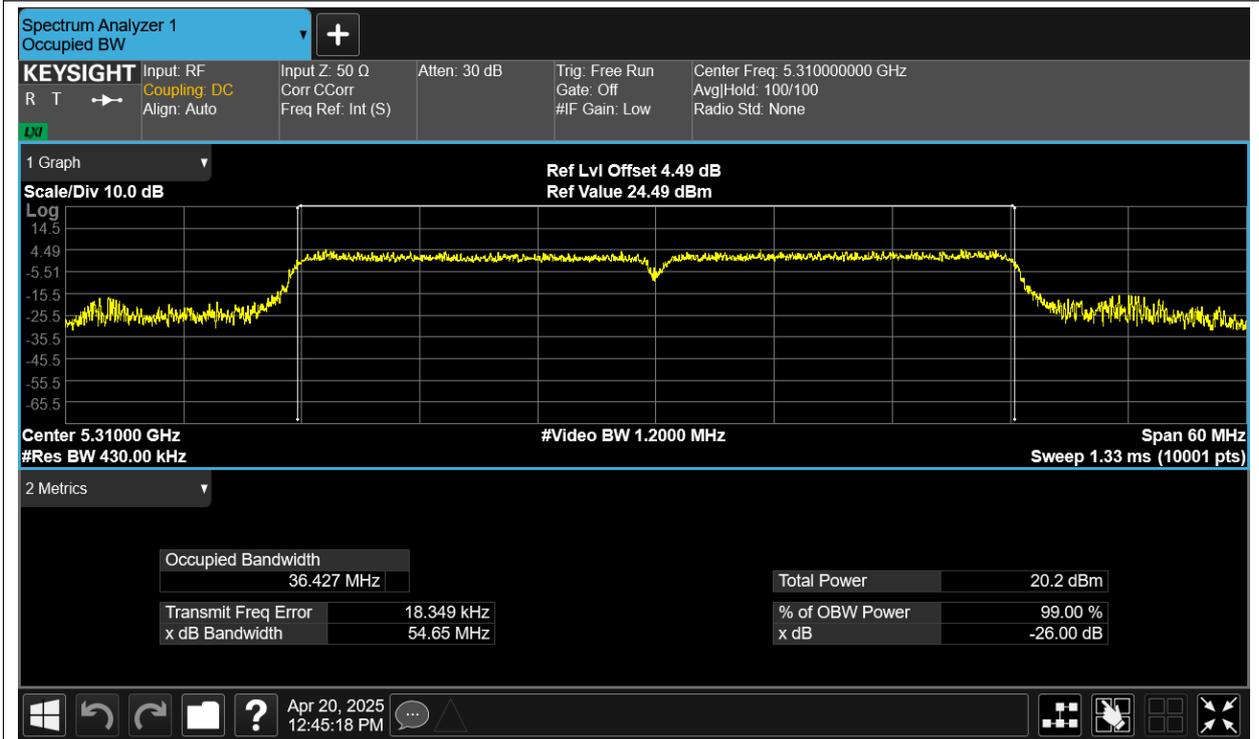
OBW NVNT ac20 5320MHz Ant12



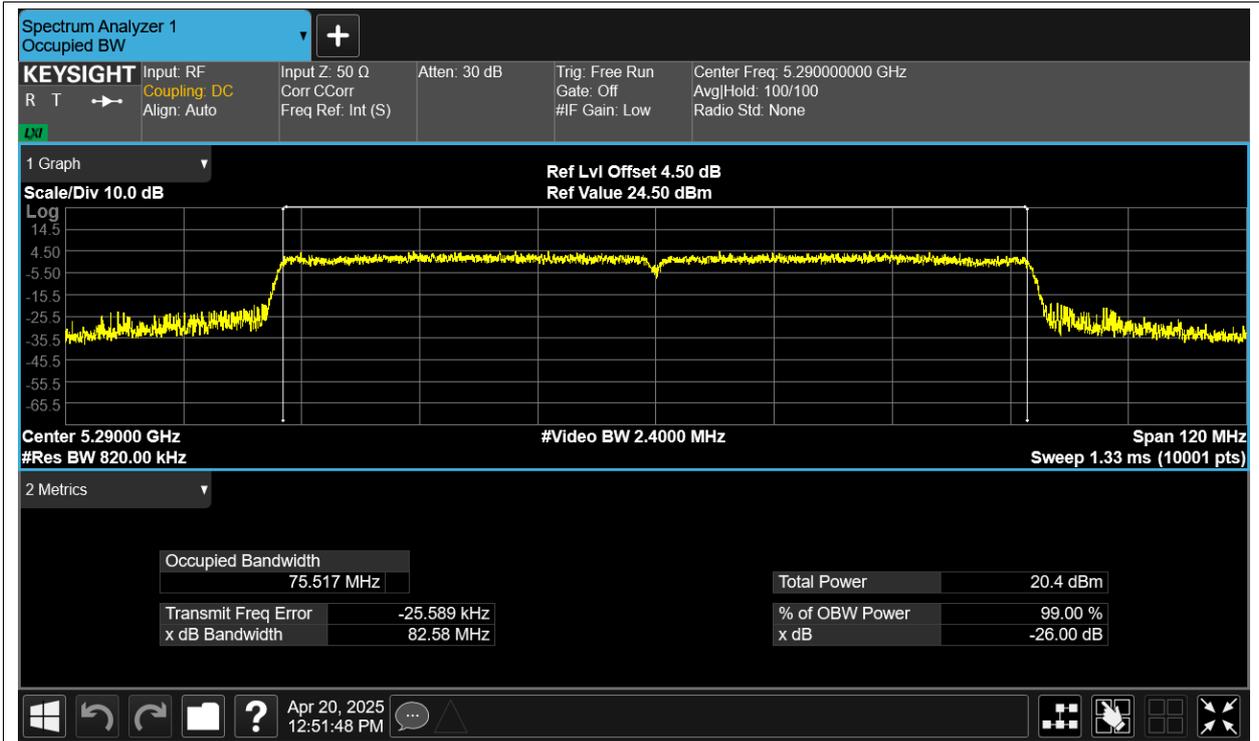
OBW NVNT ac40 5270MHz Ant12



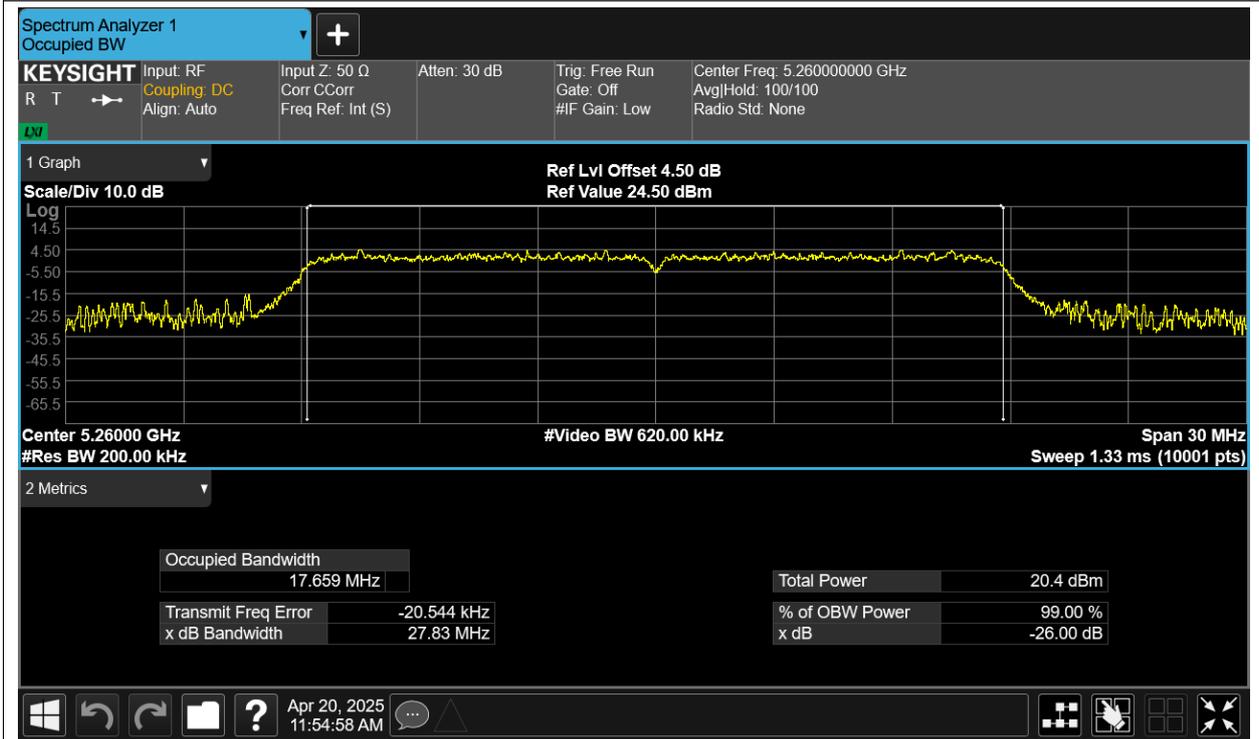
OBW NVNT ac40 5310MHz Ant12



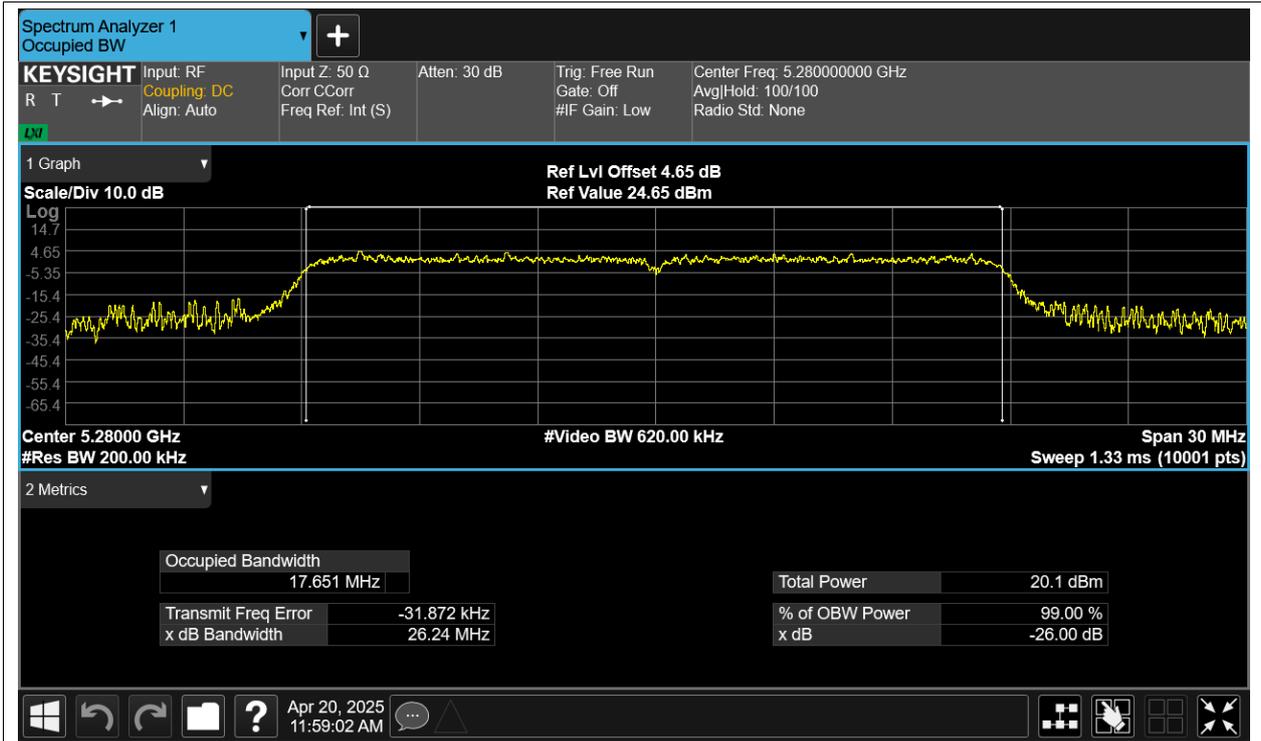
OBW NVNT ac80 5290MHz Ant12



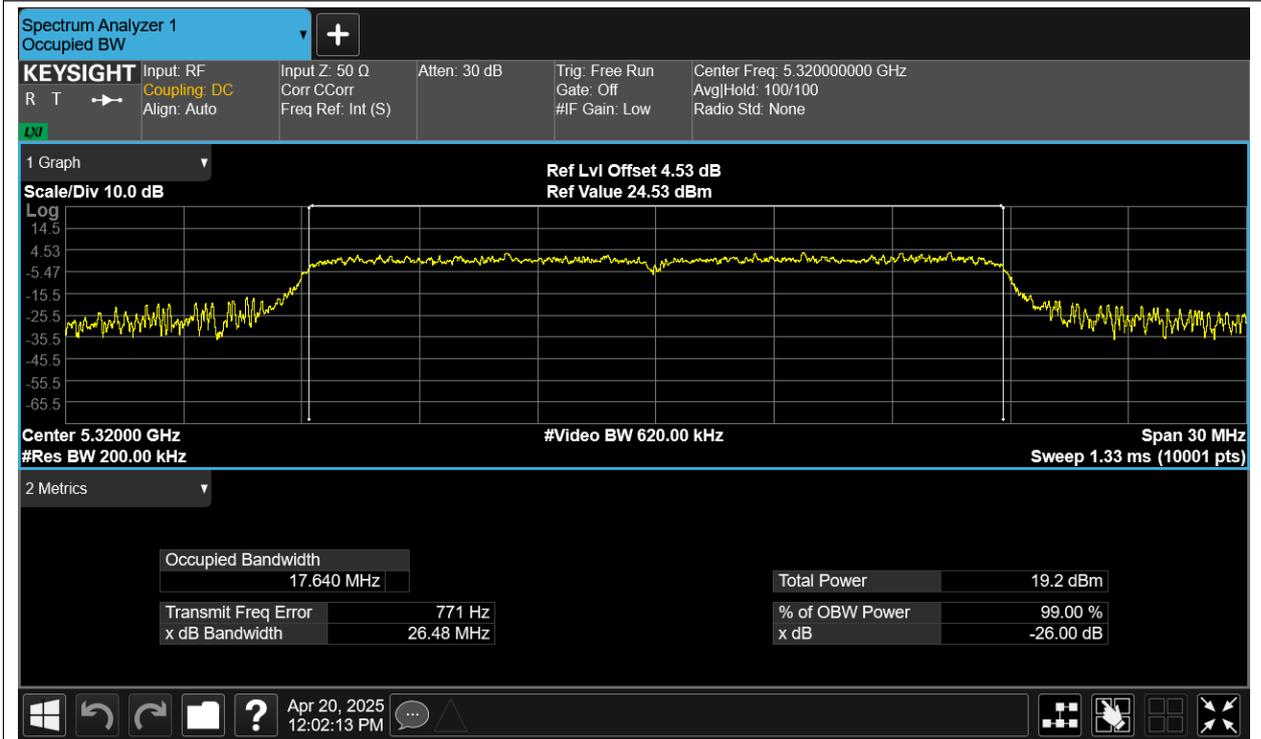
OBW NVNT n20 5260MHz Ant12



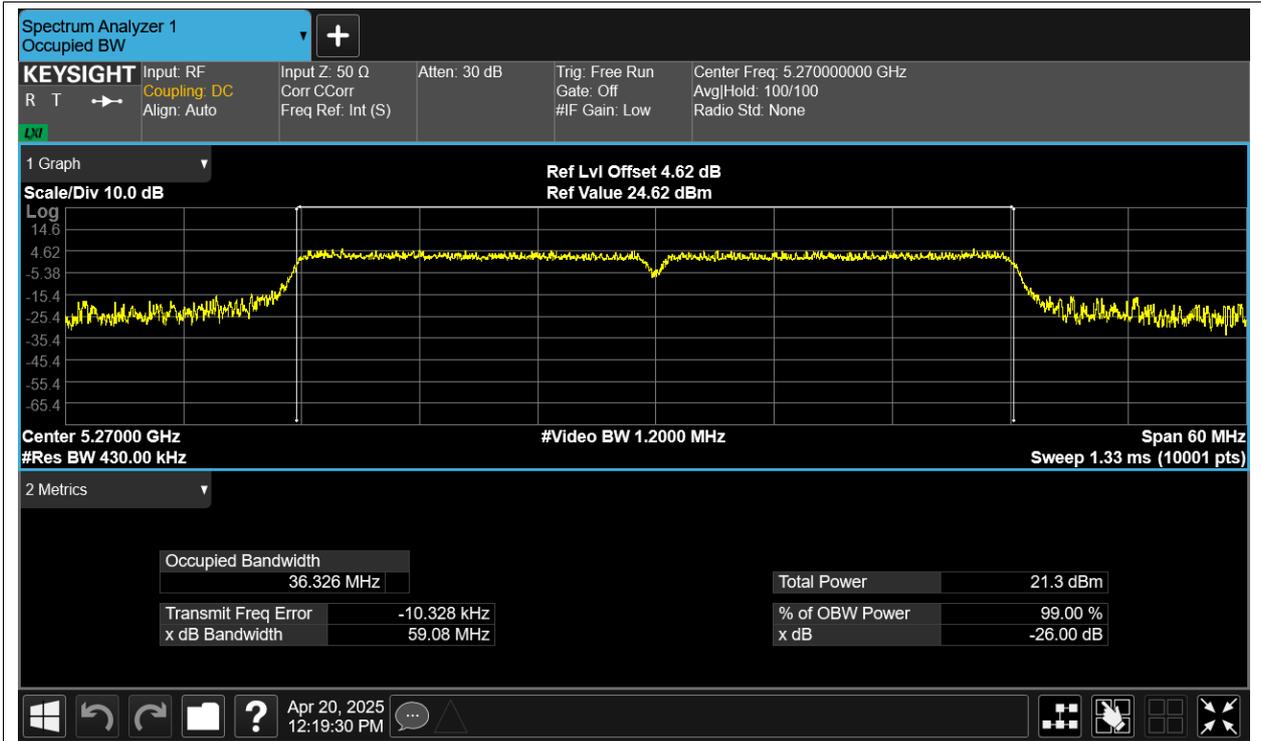
OBW NVNT n20 5280MHz Ant12



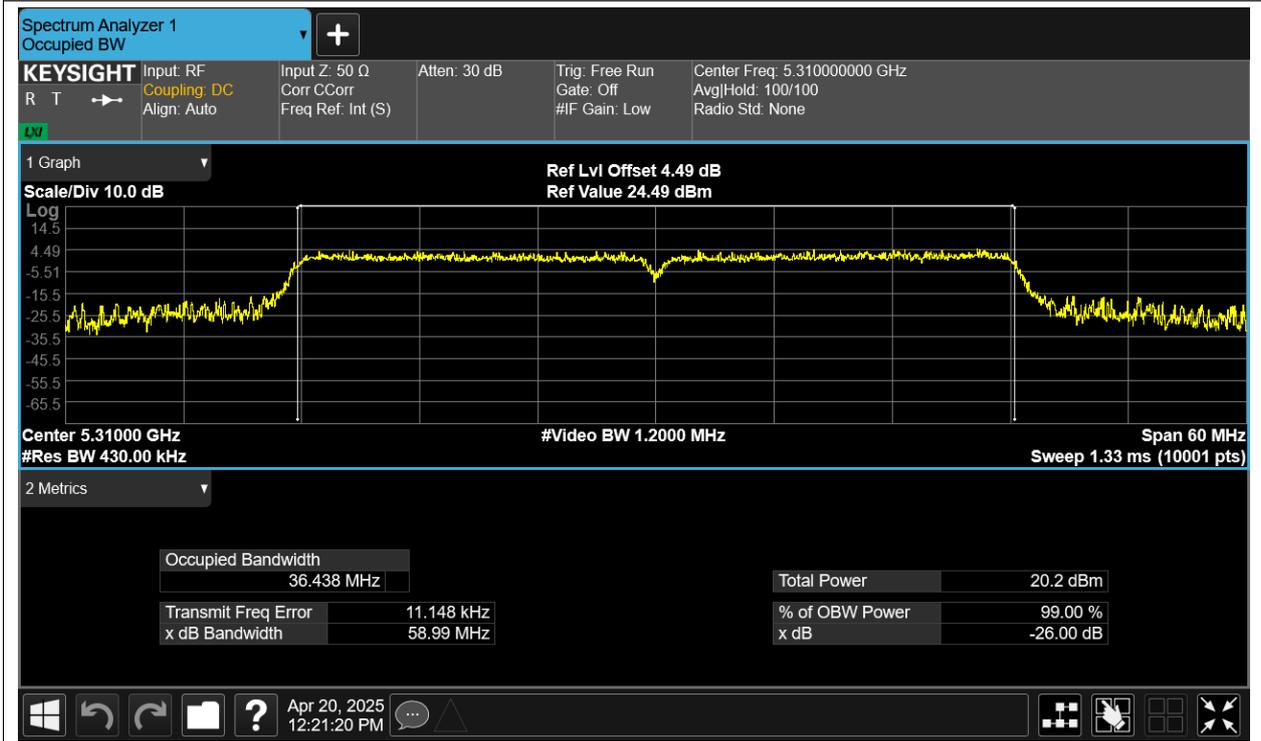
OBW NVNT n20 5320MHz Ant12



OBW NVNT n40 5270MHz Ant12



OBW NVNT n40 5310MHz Ant12



Maximum Power Spectral Density Level

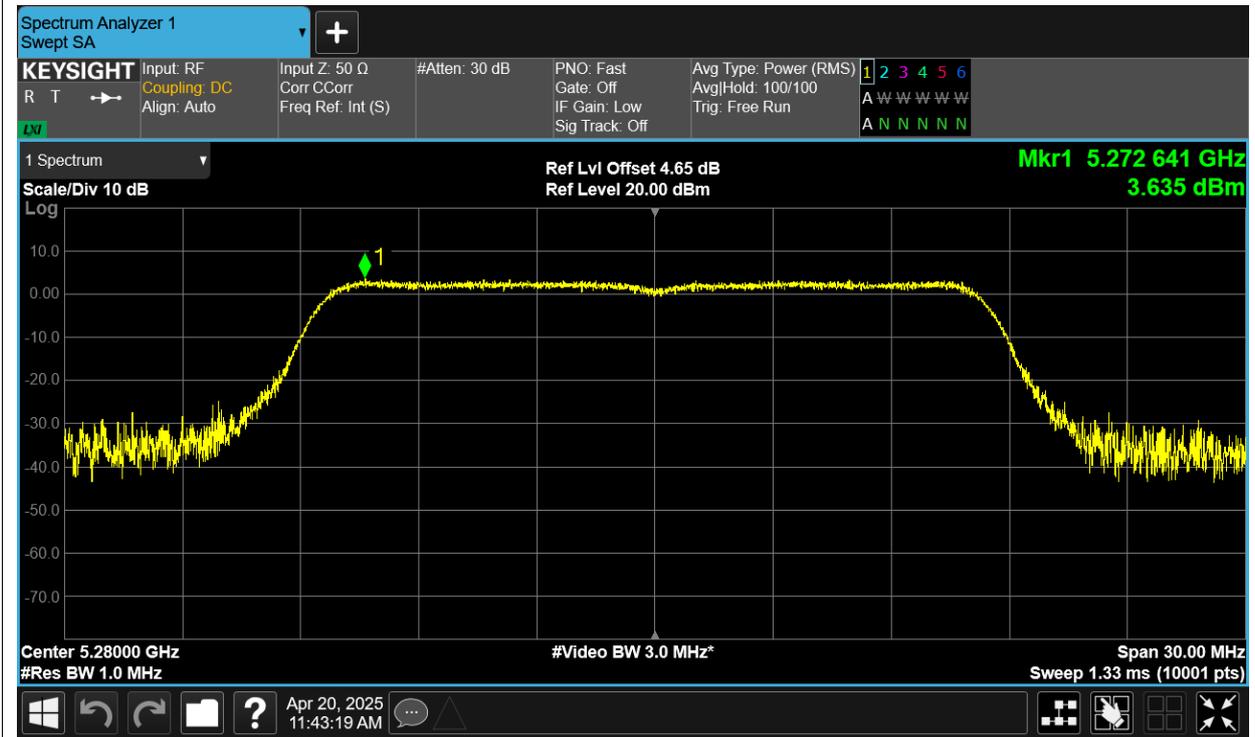
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant12	3.907	11	Pass
NVNT	a	5280	Ant12	3.635	11	Pass
NVNT	a	5320	Ant12	2.901	11	Pass
NVNT	ac20	5260	Ant12	3.709	11	Pass
NVNT	ac20	5280	Ant12	3.707	11	Pass
NVNT	ac20	5320	Ant12	2.297	11	Pass
NVNT	ac40	5270	Ant12	1.084	11	Pass
NVNT	ac40	5310	Ant12	0.088	11	Pass
NVNT	ac80	5290	Ant12	-3.941	11	Pass
NVNT	n20	5260	Ant12	3.88	11	Pass
NVNT	n20	5280	Ant12	3.287	11	Pass
NVNT	n20	5320	Ant12	2.628	11	Pass
NVNT	n40	5270	Ant12	1.295	11	Pass
NVNT	n40	5310	Ant12	0.234	11	Pass

Test Graphs

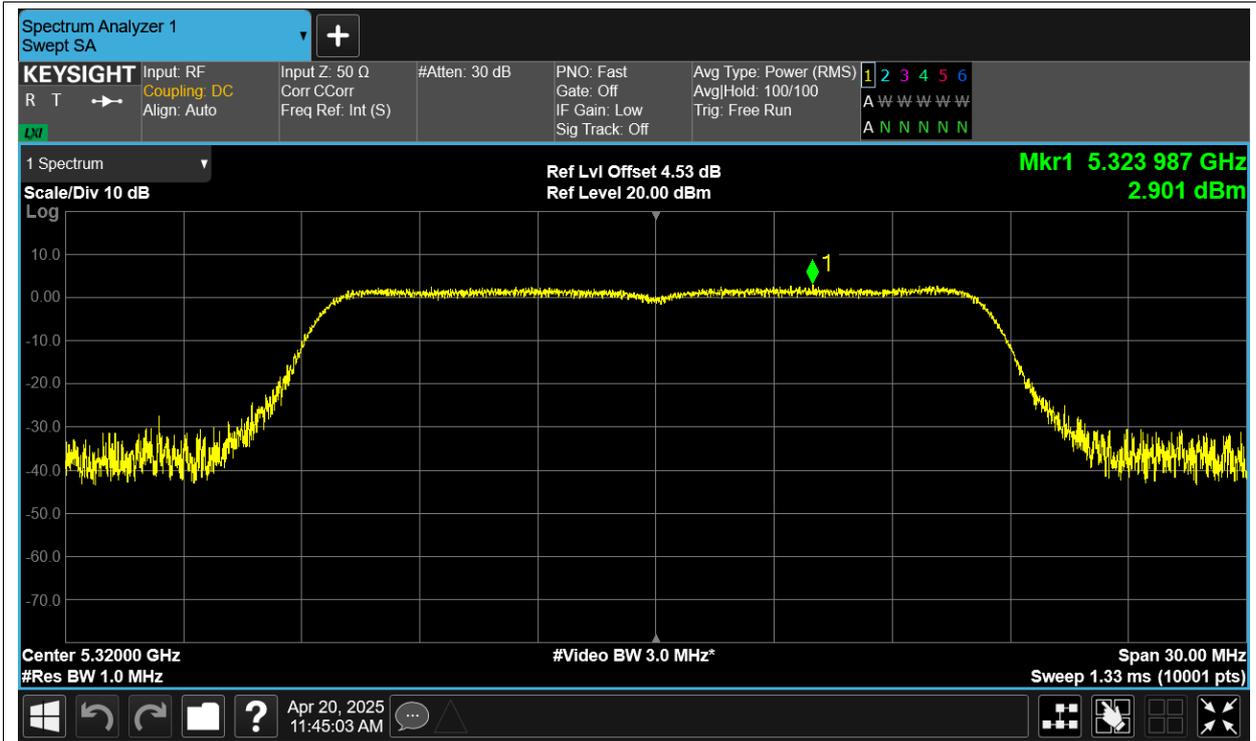
PSD NVNT a 5260MHz Ant12



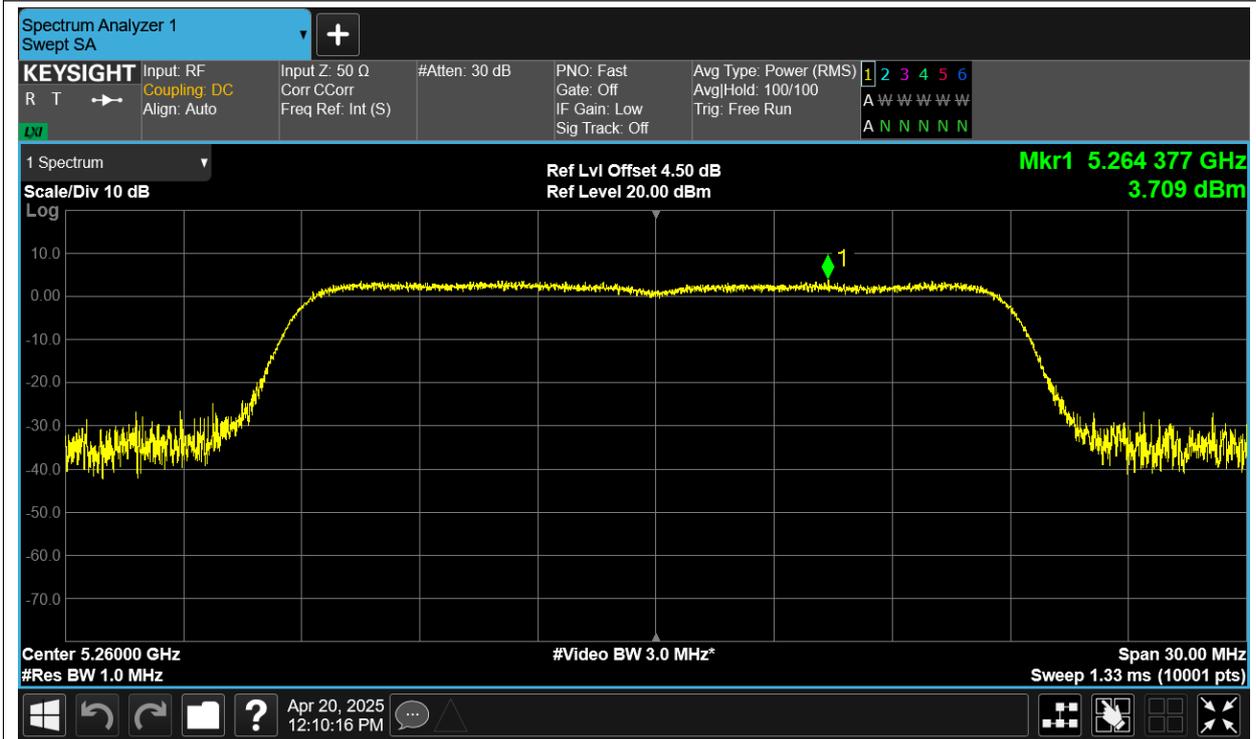
PSD NVNT a 5280MHz Ant12



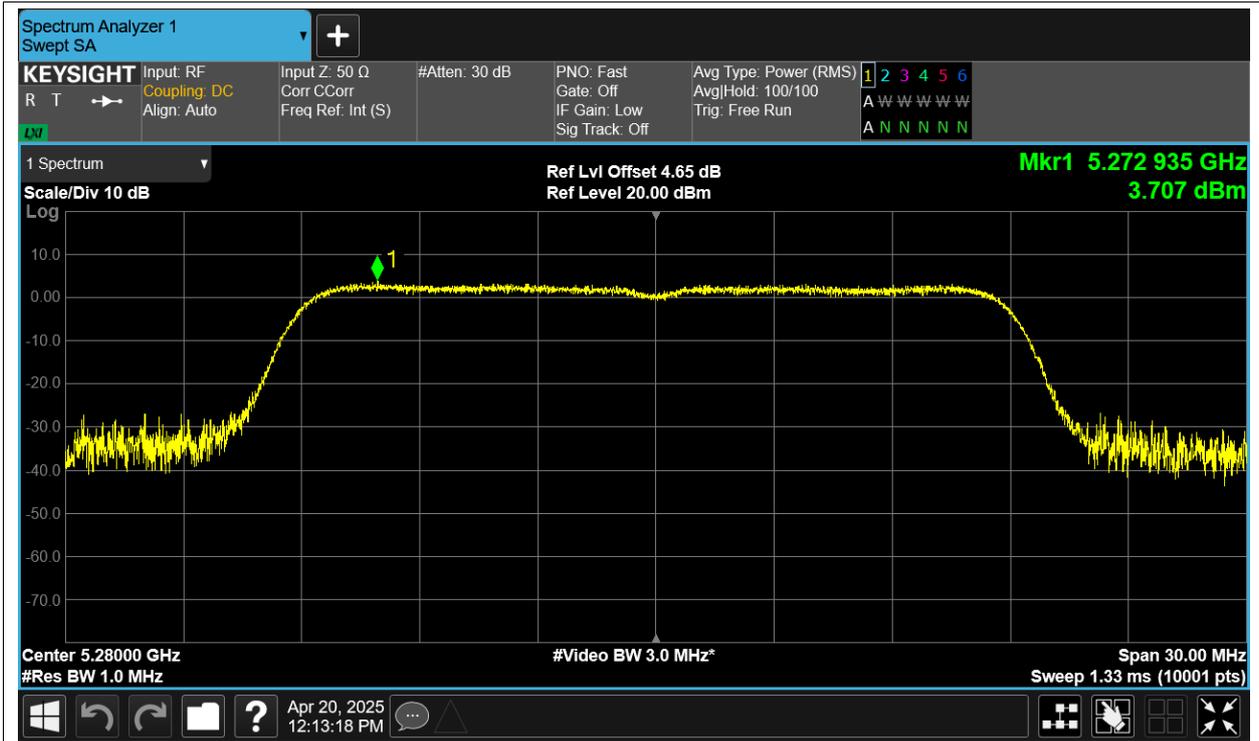
PSD NVNT a 5320MHz Ant12



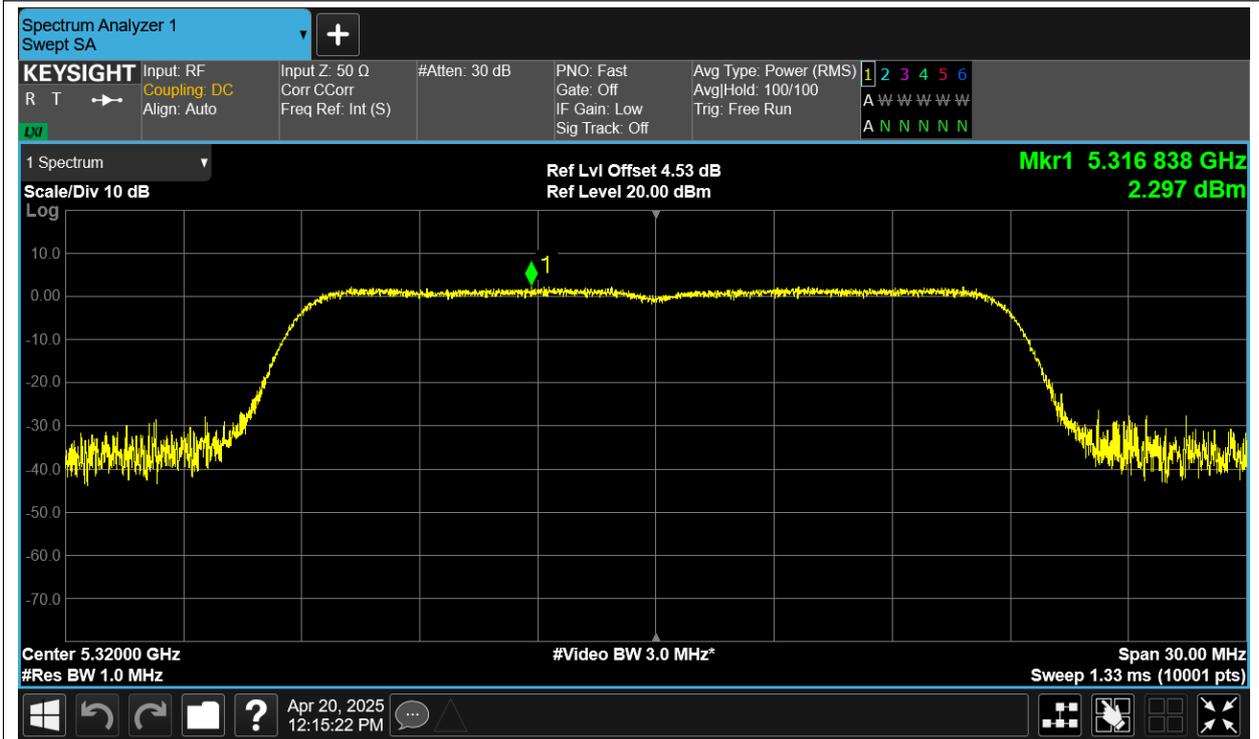
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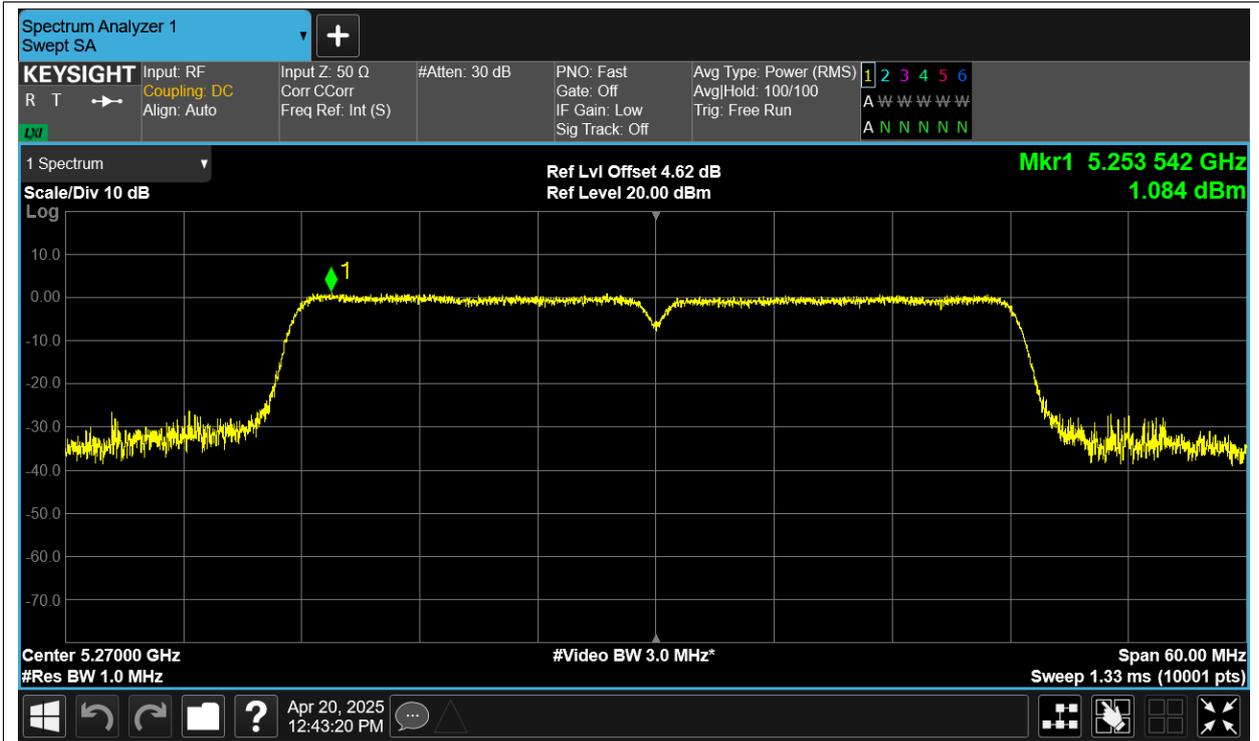
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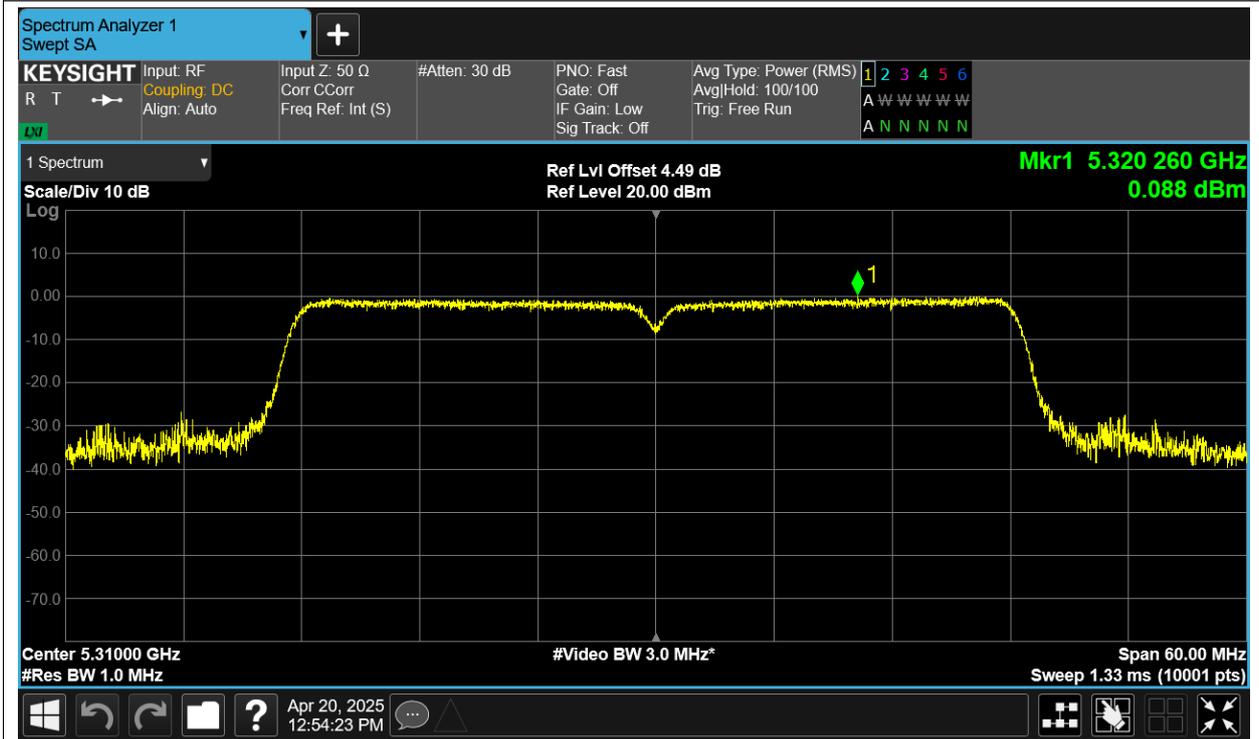
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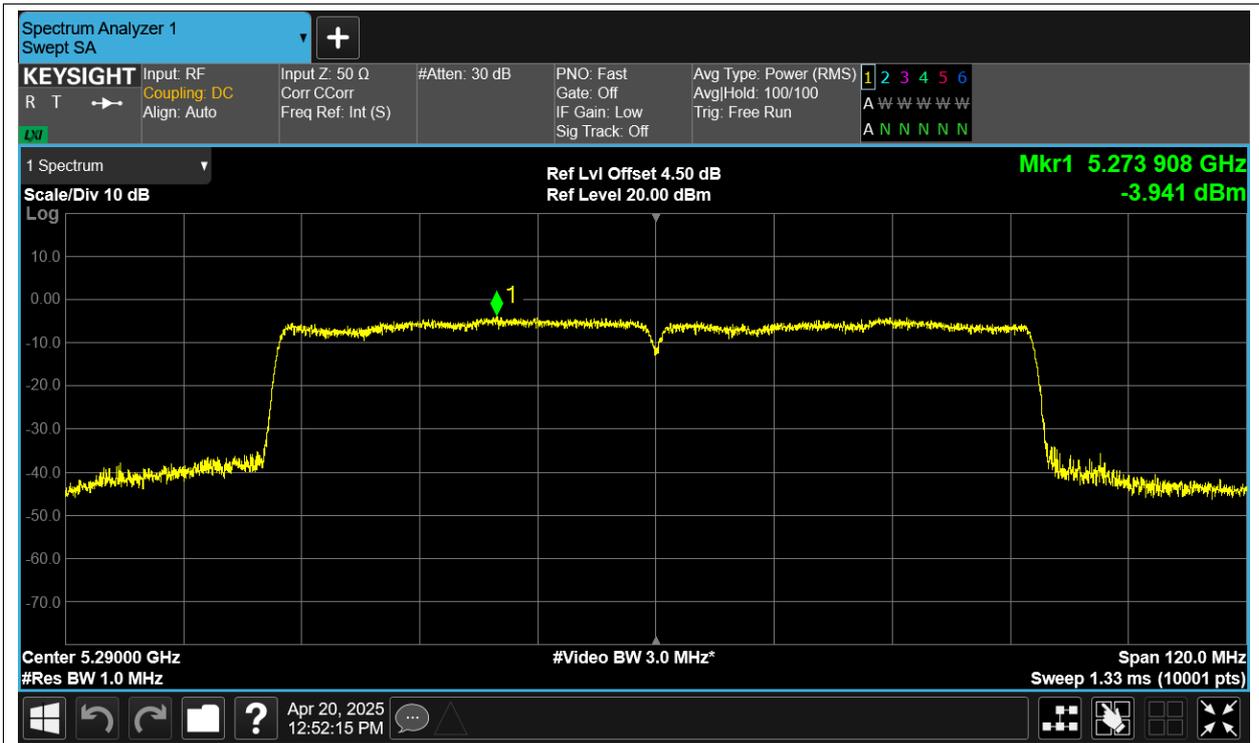
PSD NVNT ac40 5270MHz Ant12



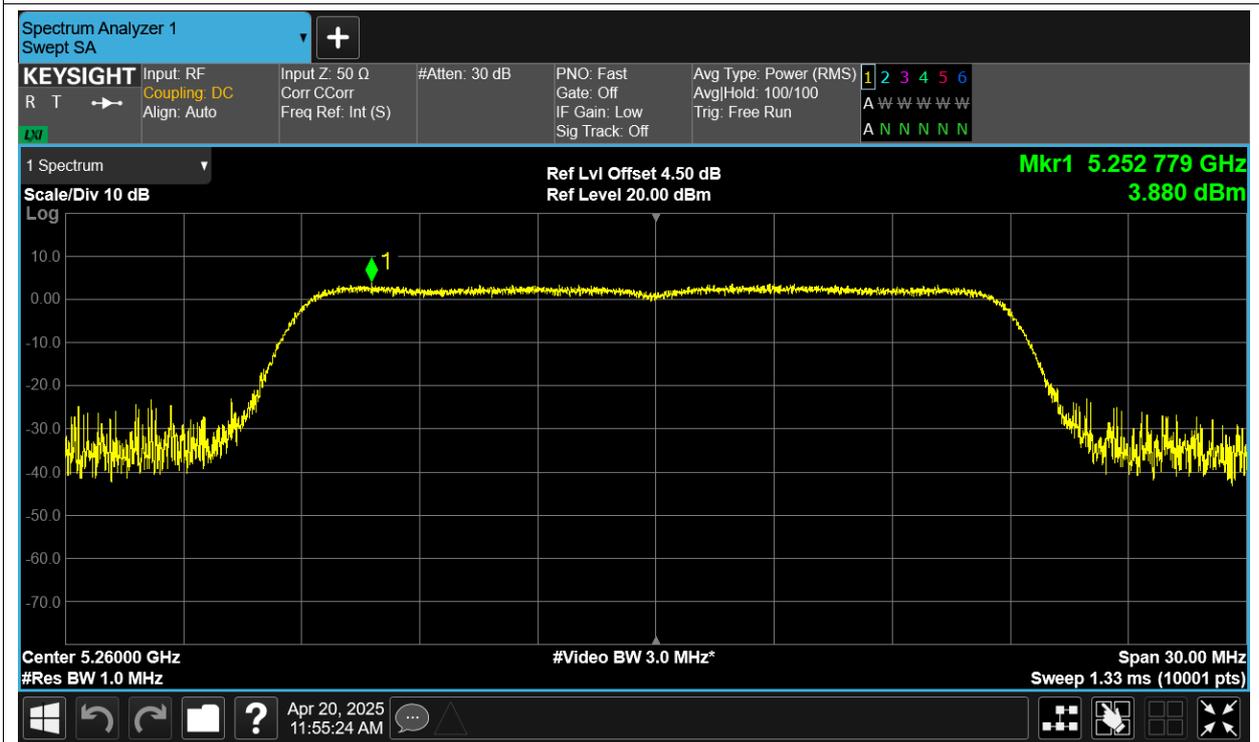
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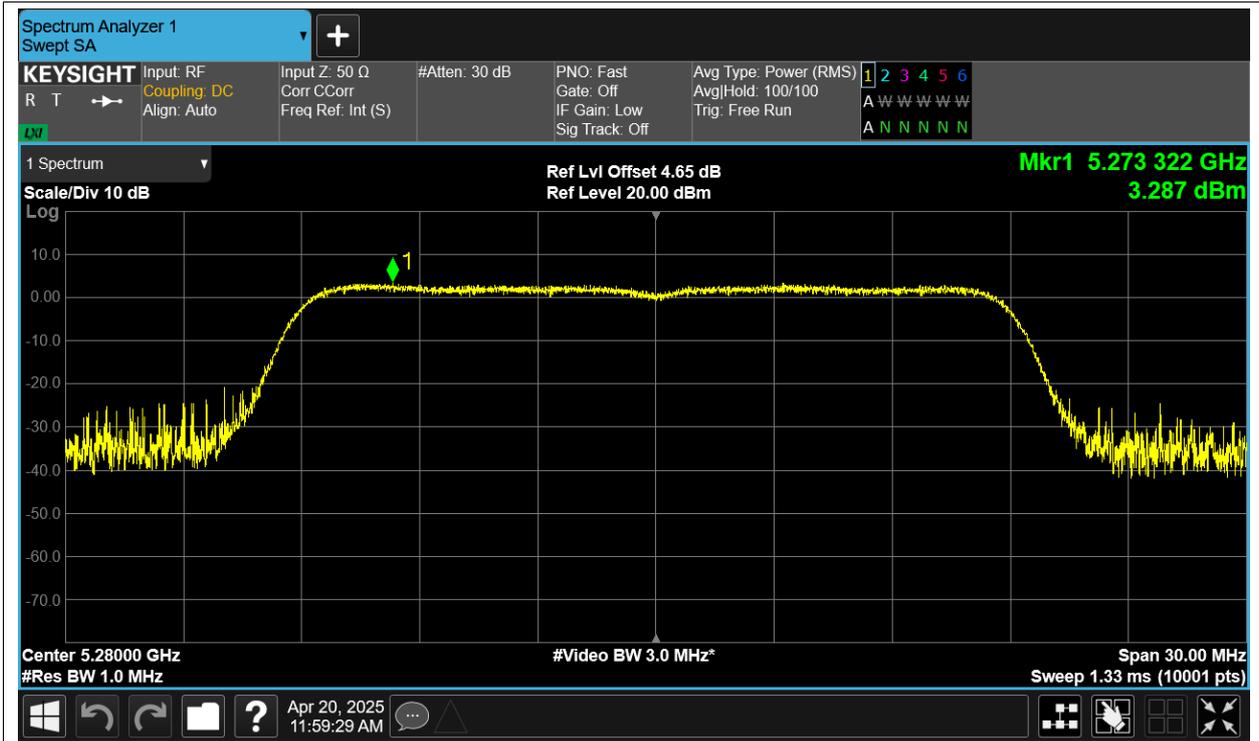
PSD NVNT ac80 5290MHz Ant12



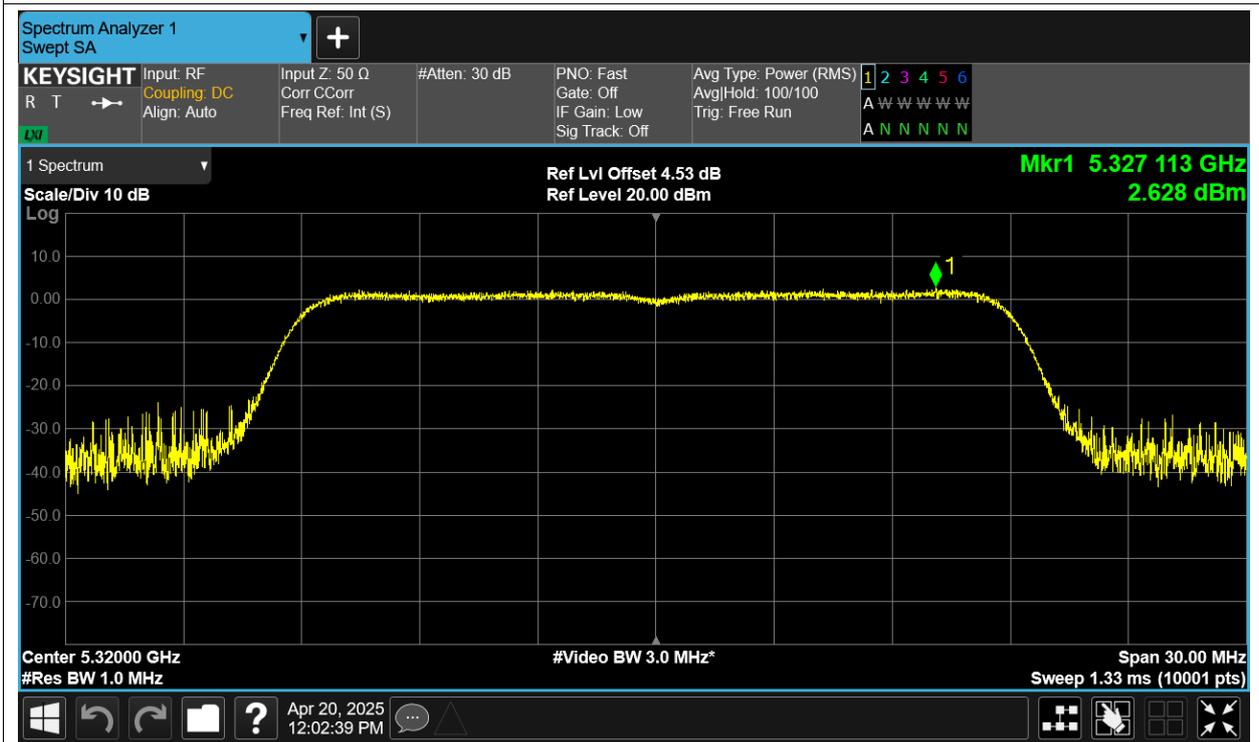
PSD NVNT n20 5260MHz Ant12



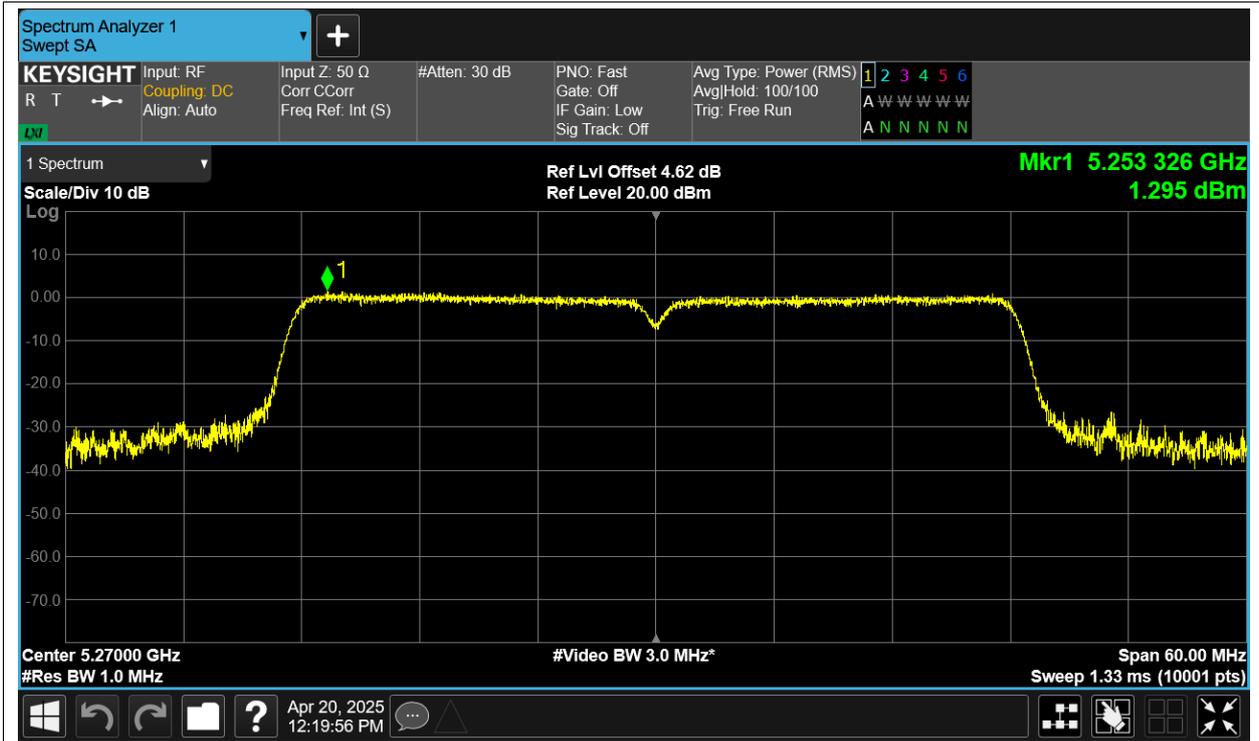
PSD NVNT n20 5280MHz Ant12



PSD NVNT n20 5320MHz Ant12



PSD NVNT n40 5270MHz Ant12



PSD NVNT n40 5310MHz Ant12

