

Test Data

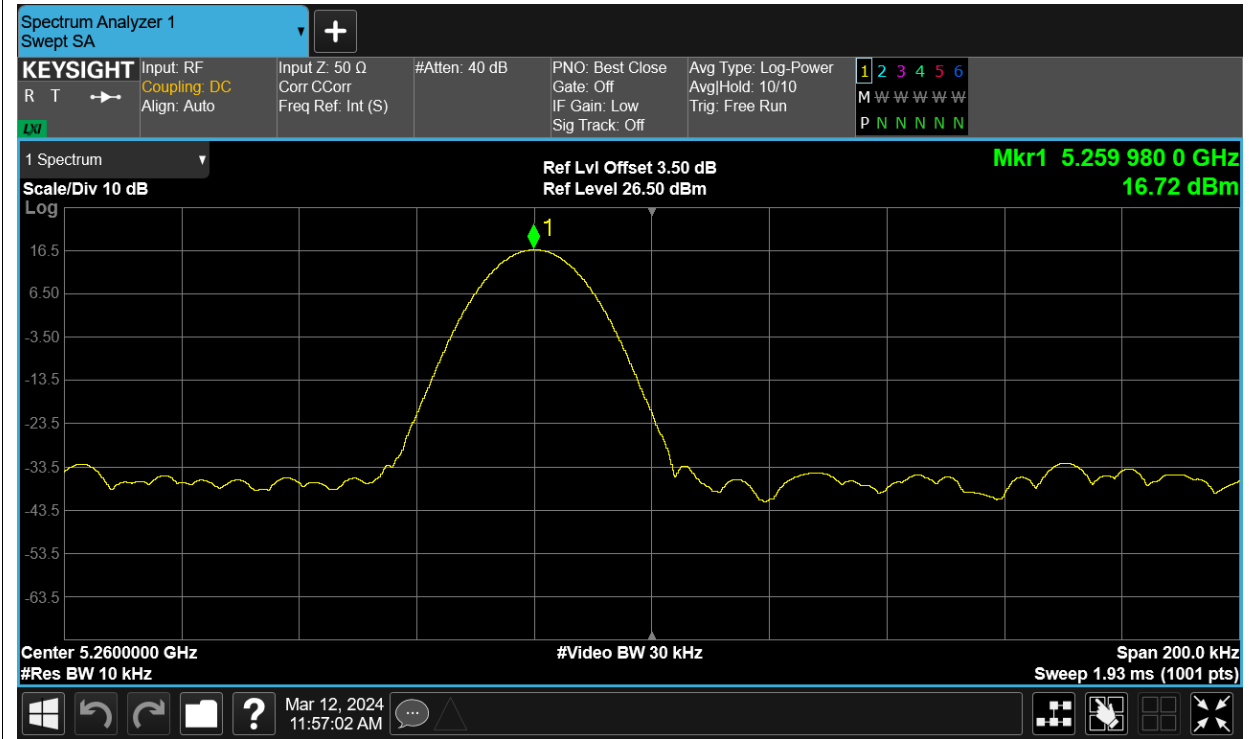
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant4	5259.98	-3.8	Within authorized band	Pass
LVNT	a	5260	Ant4	5259.98	-3.8		Pass
NVHT	a	5260	Ant4	5259.9804	-3.73		Pass
NVLT	a	5260	Ant4	5259.9808	-3.65		Pass
NVNT	a	5260	Ant4	5259.9818	-3.46		Pass
HVNT	ac80	5290	Ant4	5289.9804	-3.71		Pass
LVNT	ac80	5290	Ant4	5289.9806	-3.67		Pass
NVHT	ac80	5290	Ant4	5289.9804	-3.71		Pass
NVLT	ac80	5290	Ant4	5289.9802	-3.74		Pass
NVNT	ac80	5290	Ant4	5289.9806	-3.67		Pass
HVNT	n40	5270	Ant4	5269.9804	-3.72		Pass
LVNT	n40	5270	Ant4	5269.9804	-3.72		Pass
NVHT	n40	5270	Ant4	5269.9804	-3.72		Pass
NVLT	n40	5270	Ant4	5269.9806	-3.68		Pass
NVNT	n40	5270	Ant4	5269.9808	-3.64		Pass

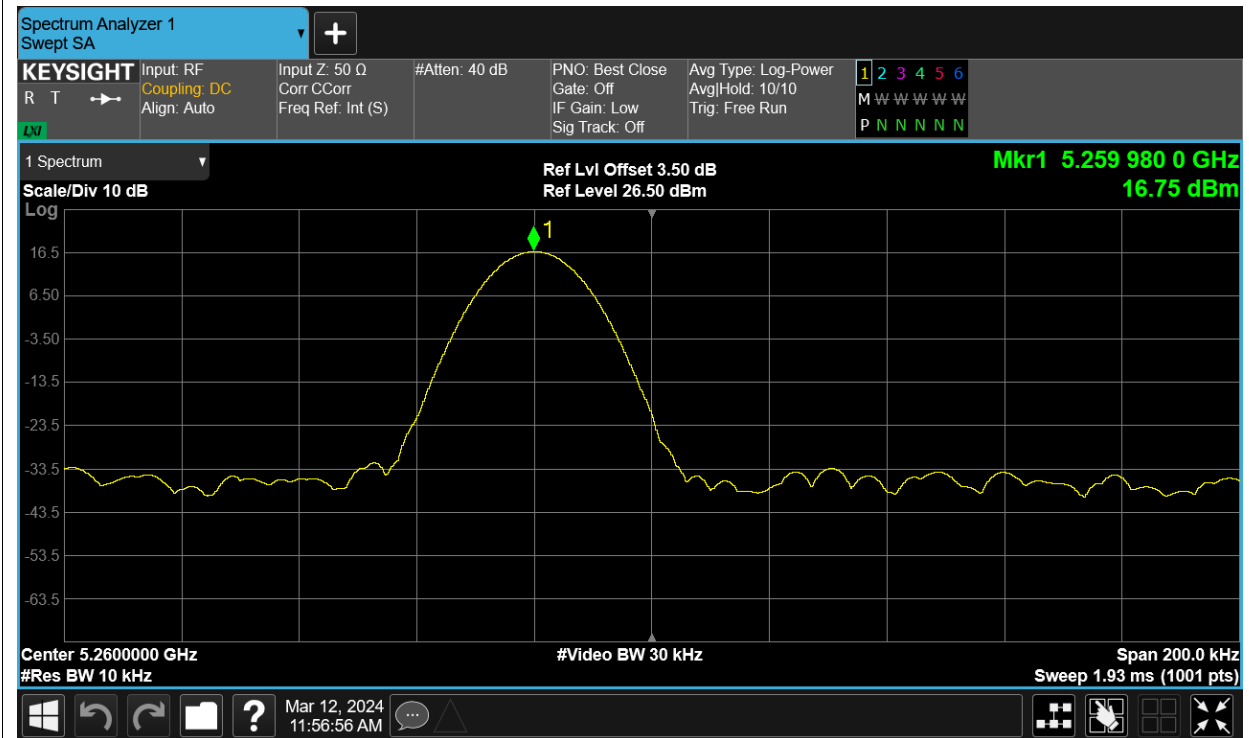
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

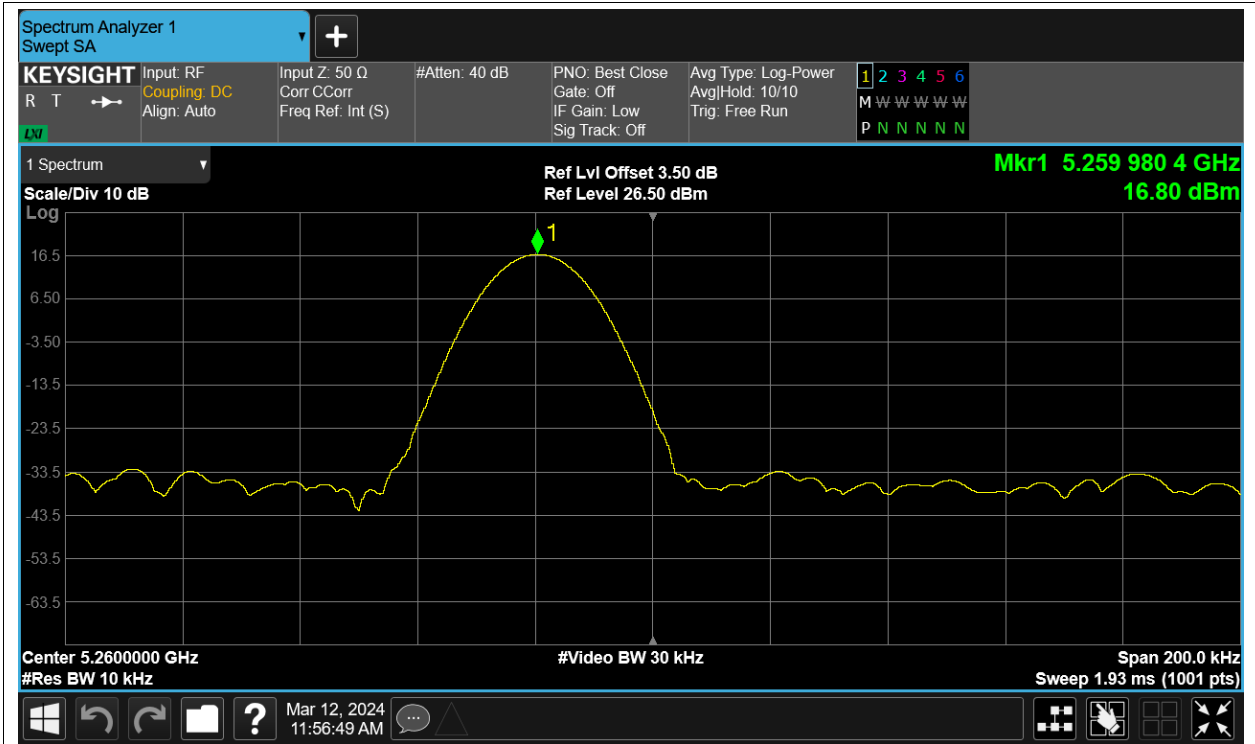
Freq. Stability HVNT a 5260MHz Ant4



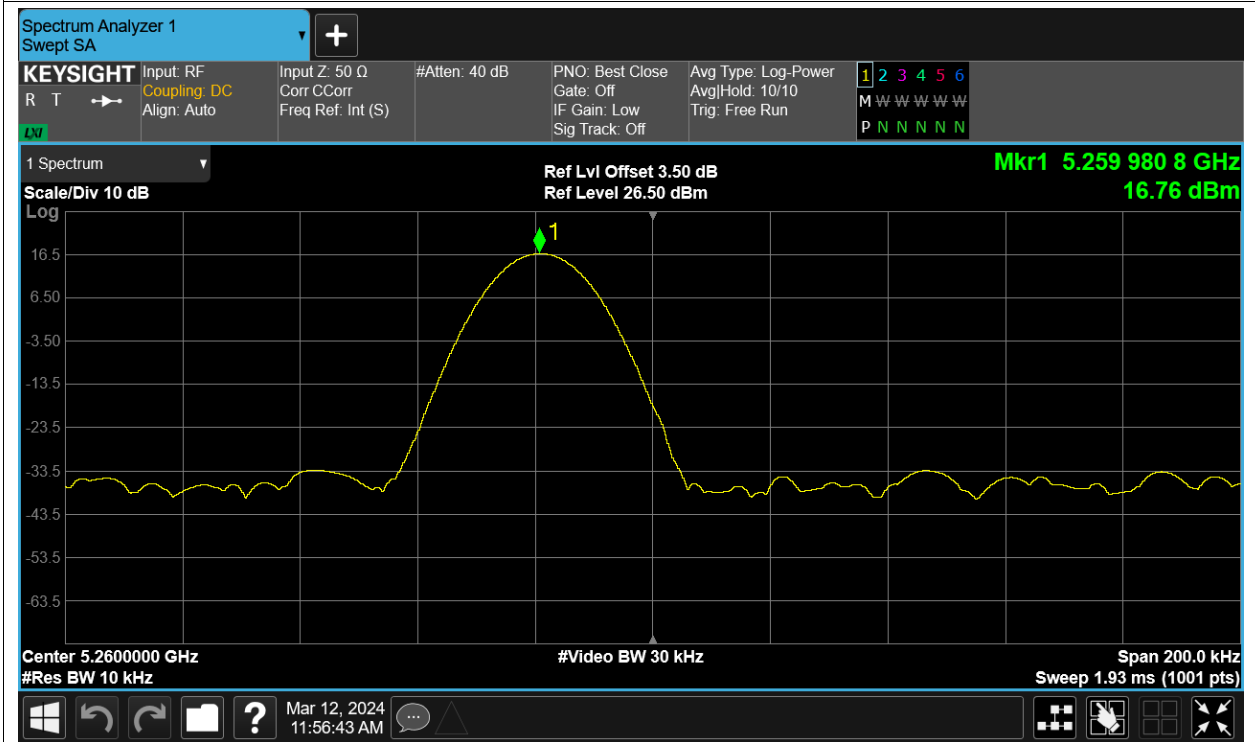
Freq. Stability LVNT a 5260MHz Ant4



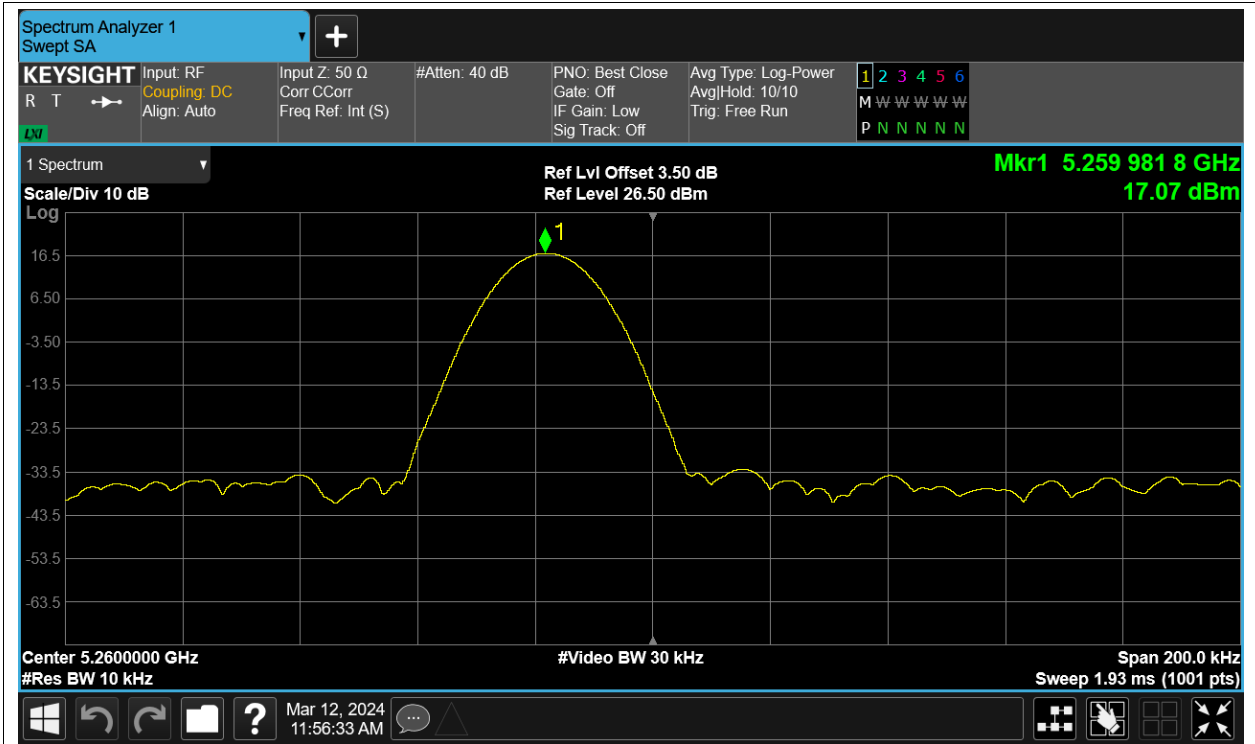
Freq. Stability NVHT a 5260MHz Ant4



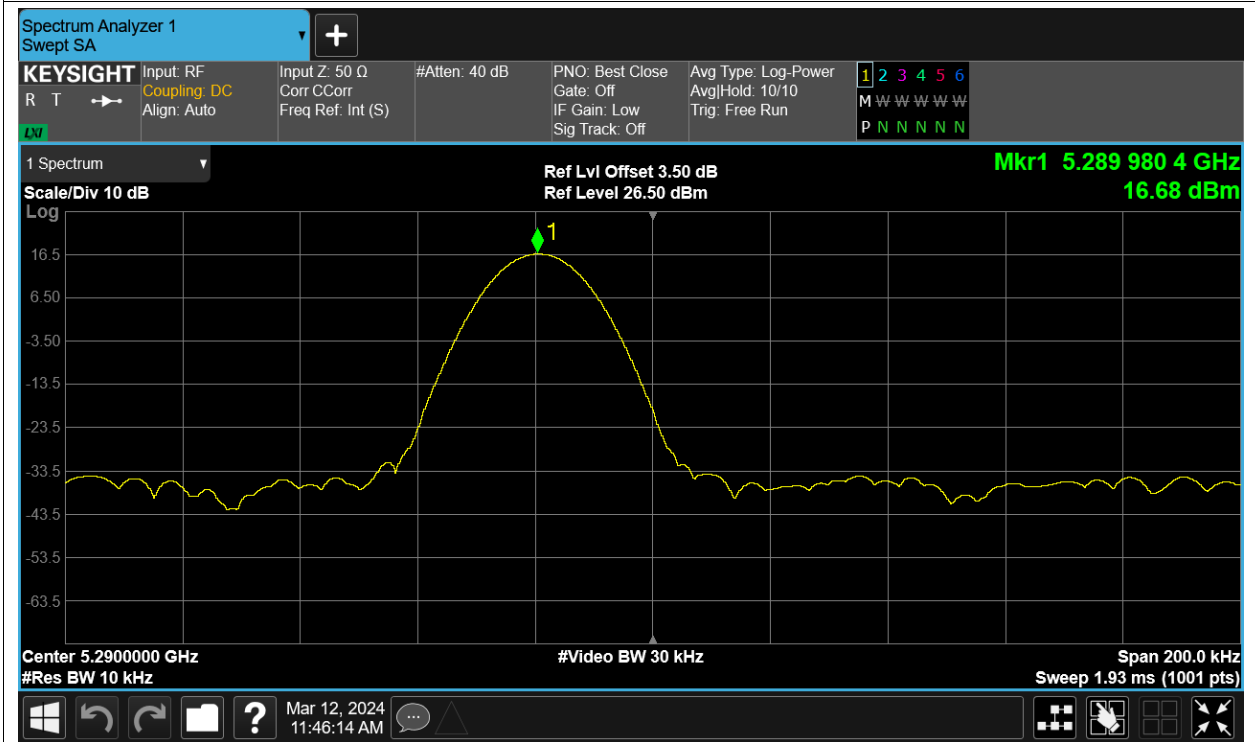
Freq. Stability NVLT a 5260MHz Ant4



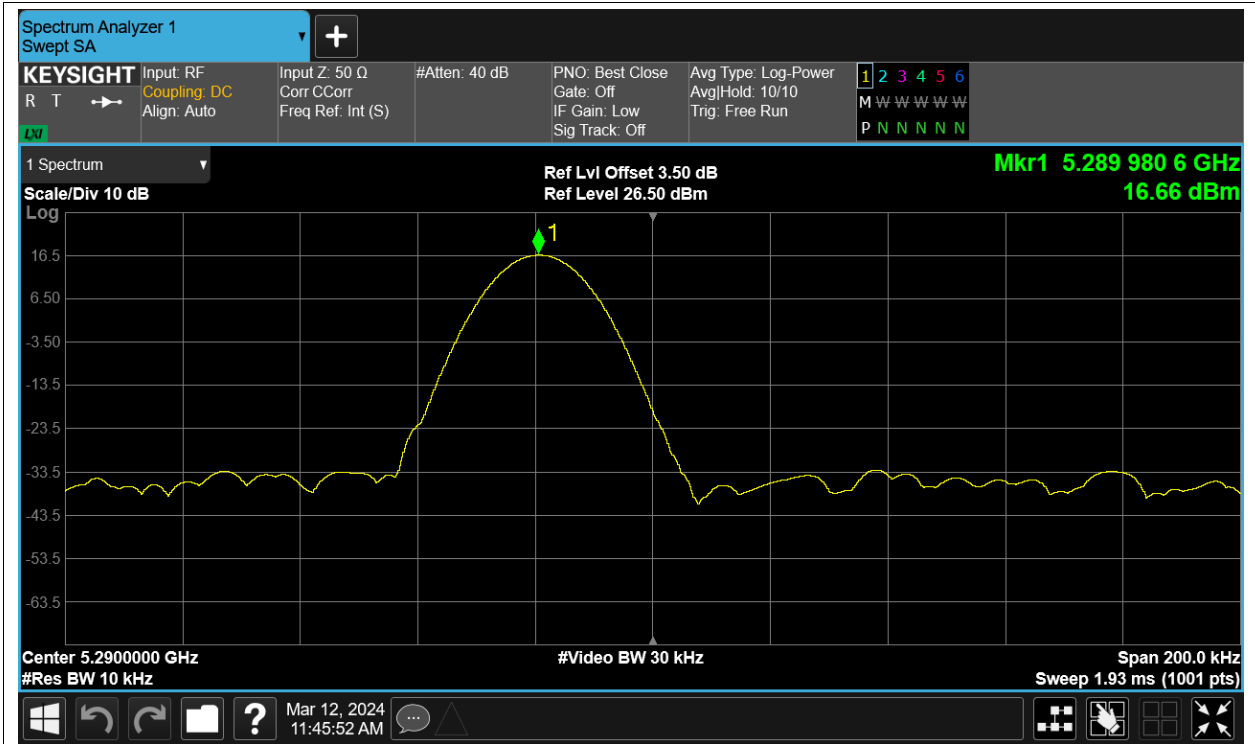
Freq. Stability NVNT a 5260MHz Ant4



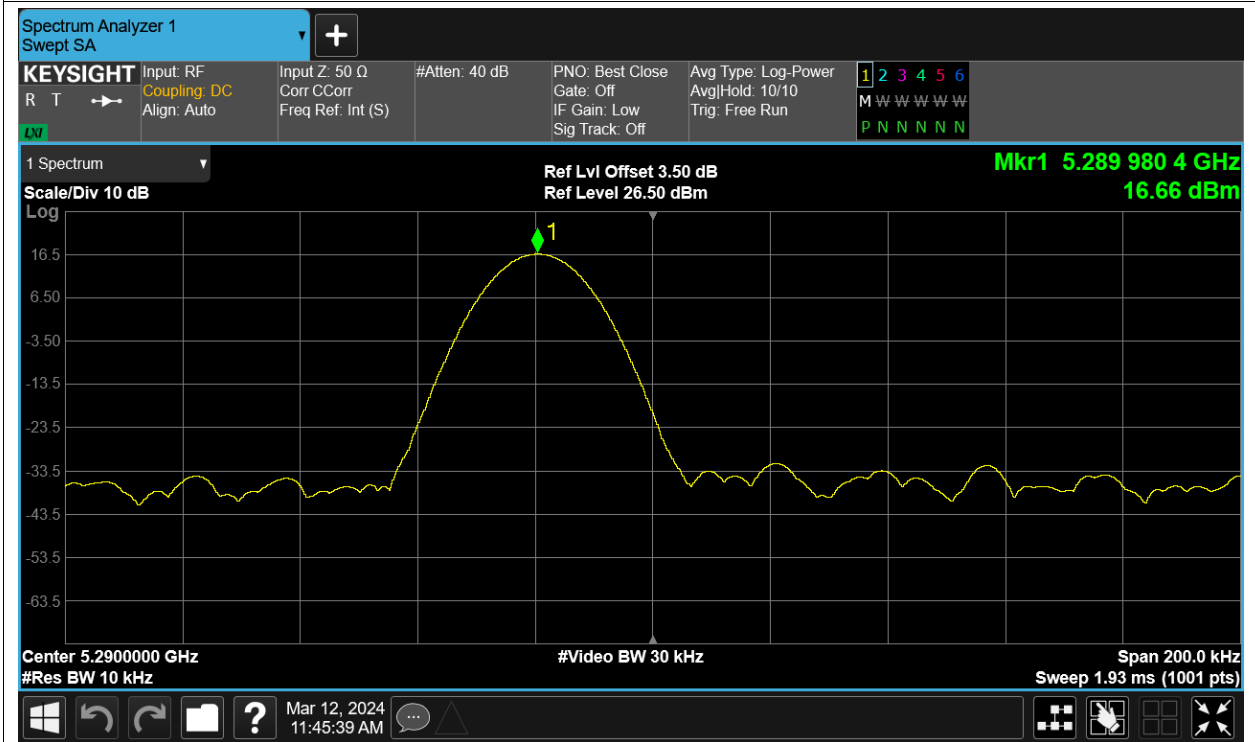
Freq. Stability HVNT ac80 5290MHz Ant4



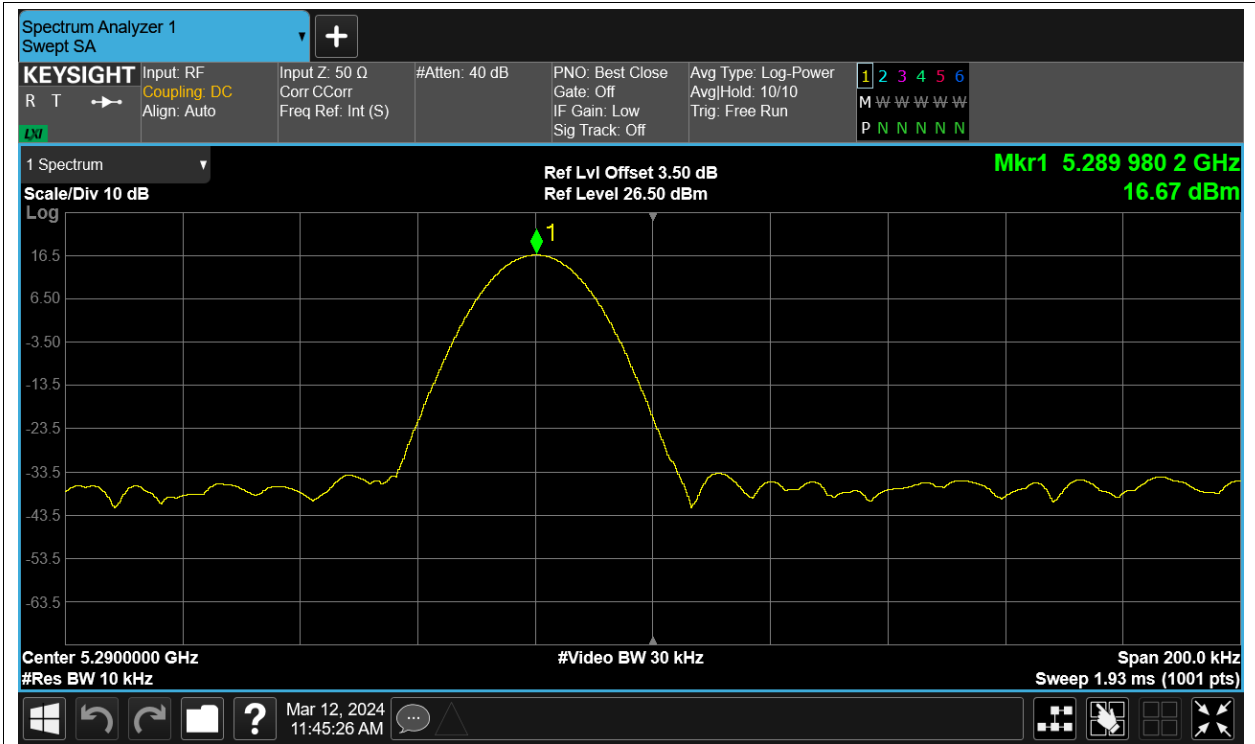
Freq. Stability LVNT ac80 5290MHz Ant4



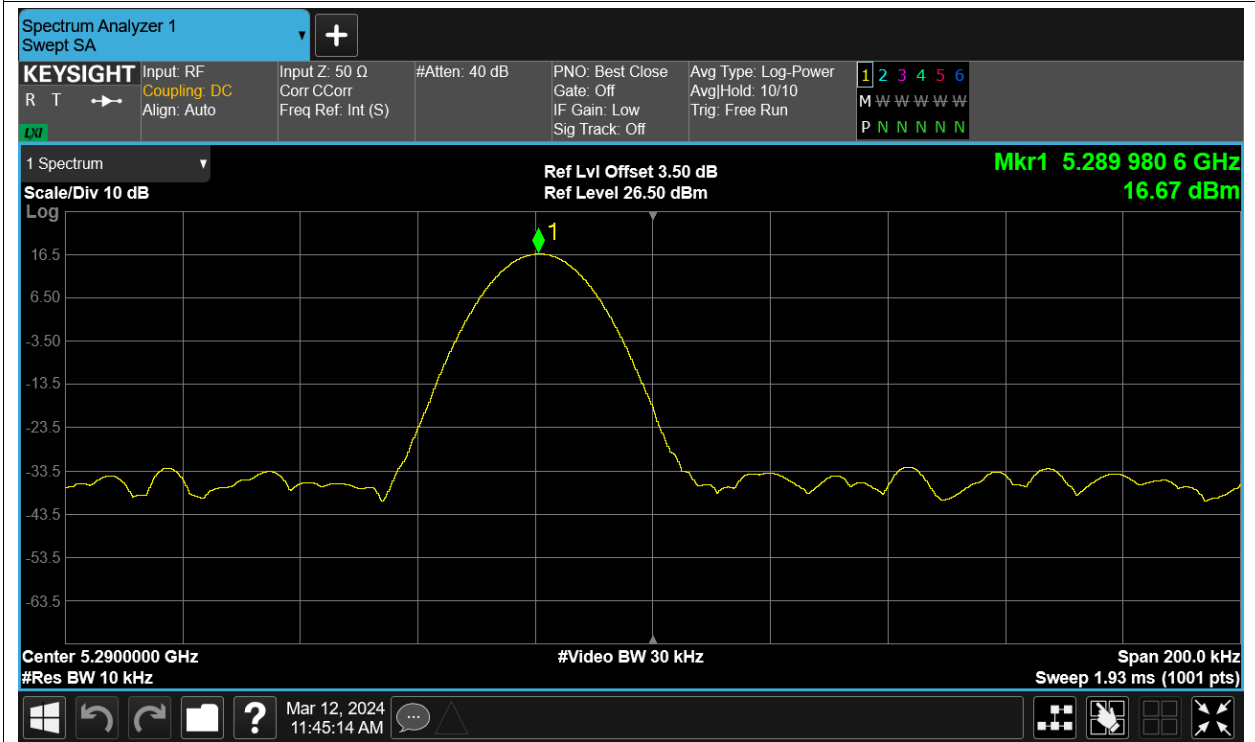
Freq. Stability NVHT ac80 5290MHz Ant4



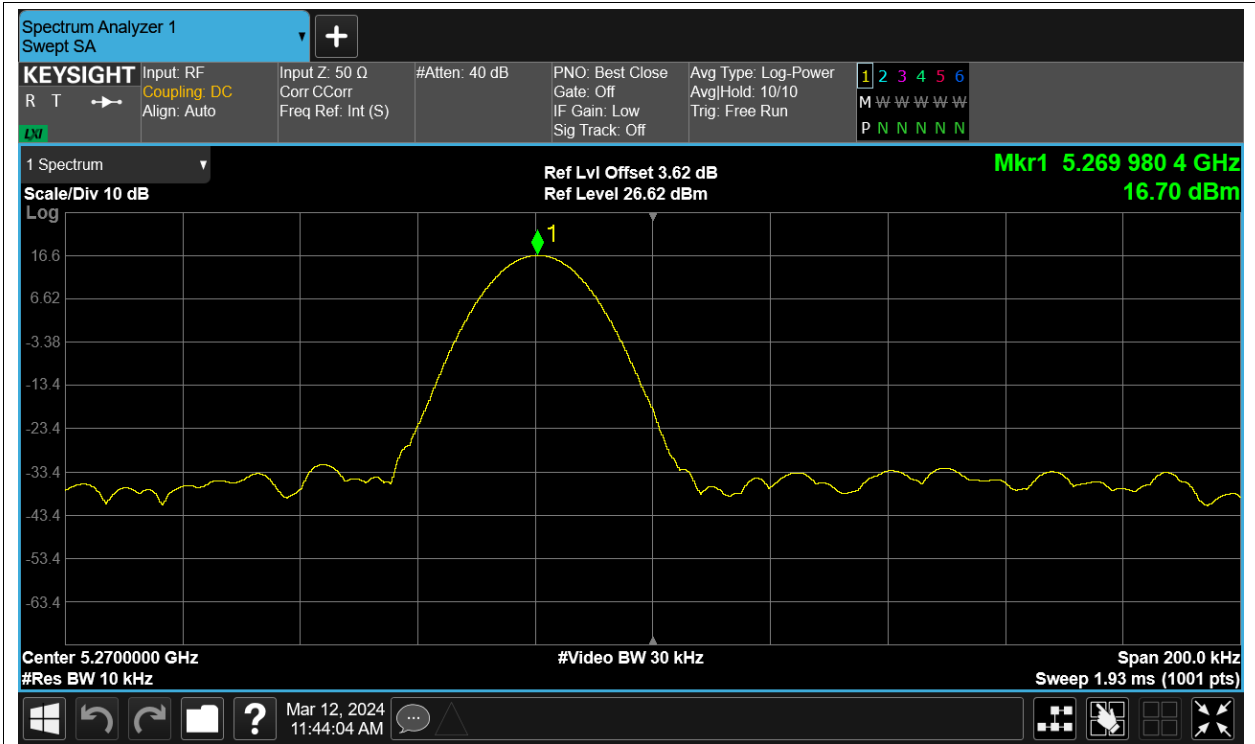
Freq. Stability NVLT ac80 5290MHz Ant4



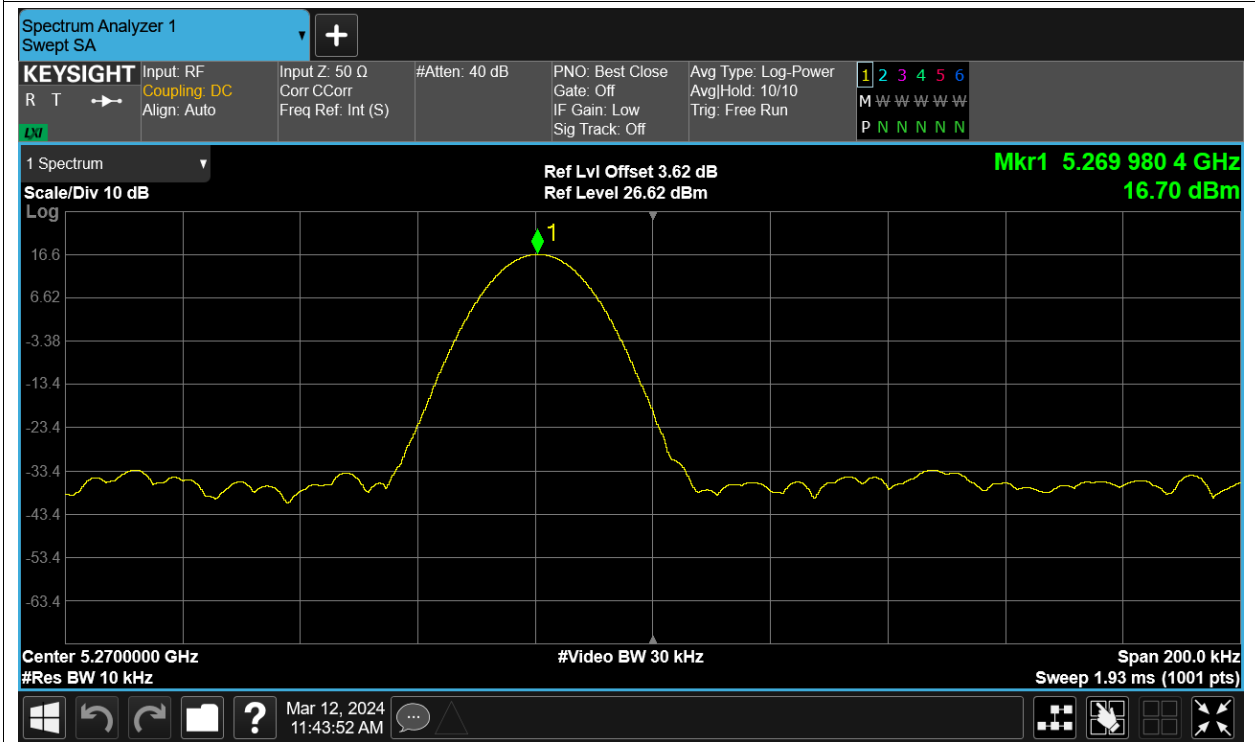
Freq. Stability NVNT ac80 5290MHz Ant4



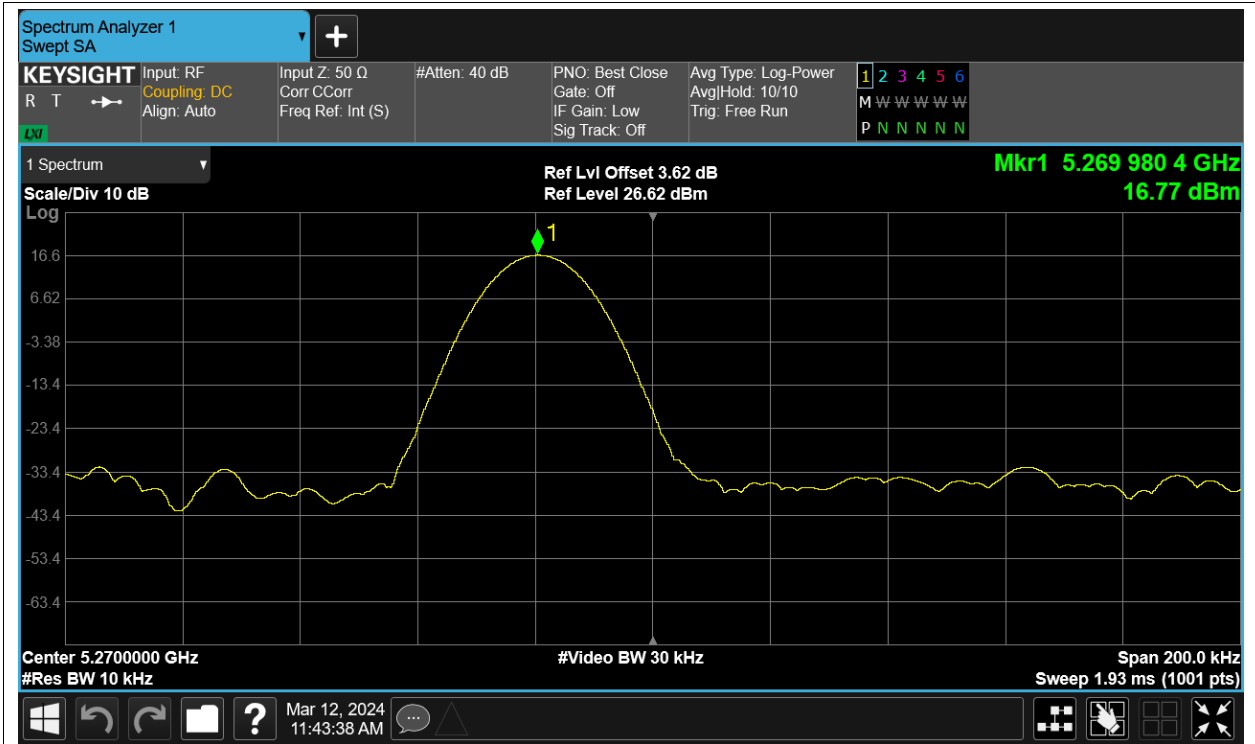
Freq. Stability HVNT n40 5270MHz Ant4



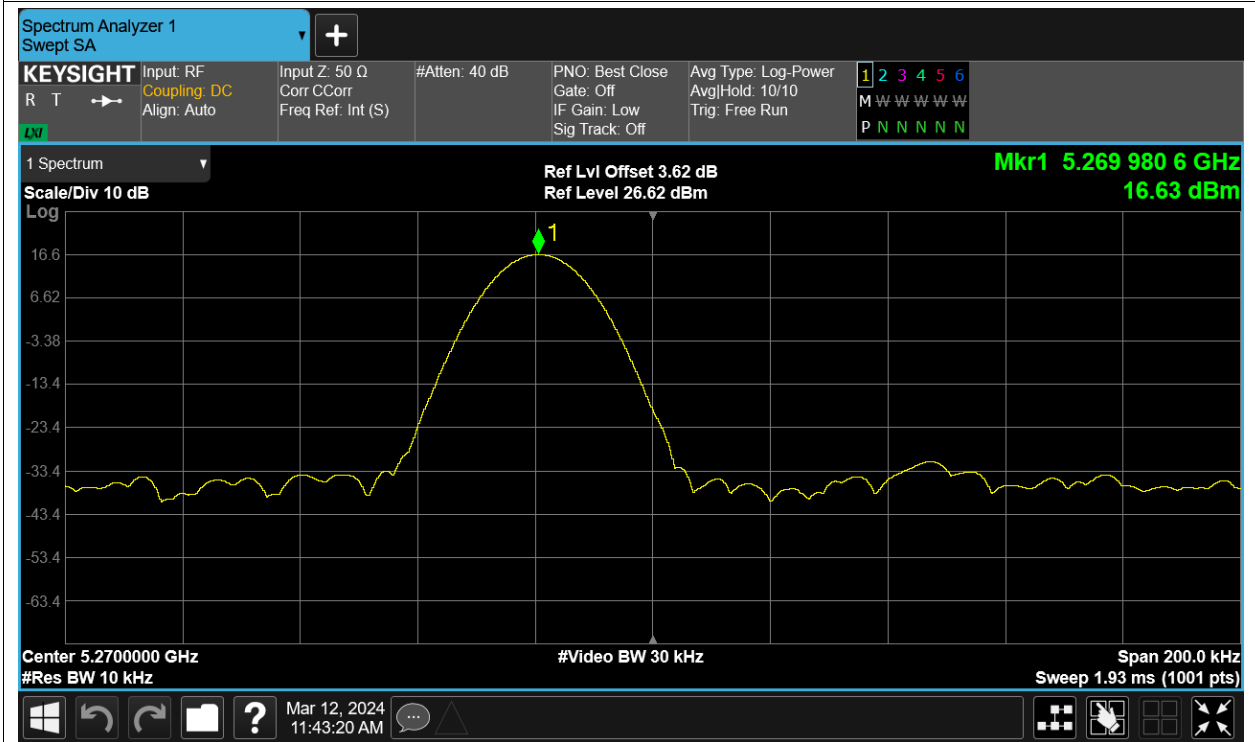
Freq. Stability LVNT n40 5270MHz Ant4



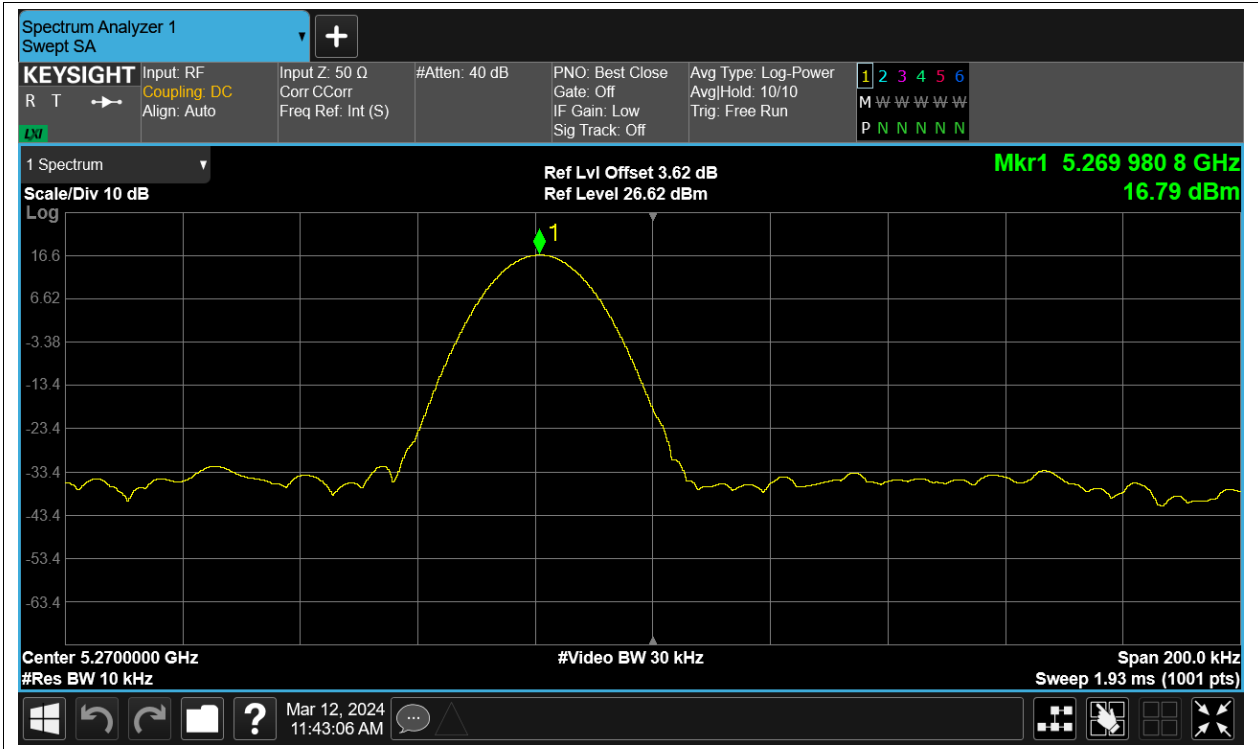
Freq. Stability NVHT n40 5270MHz Ant4



Freq. Stability NVLT n40 5270MHz Ant4



Freq. Stability NVNT n40 5270MHz Ant4

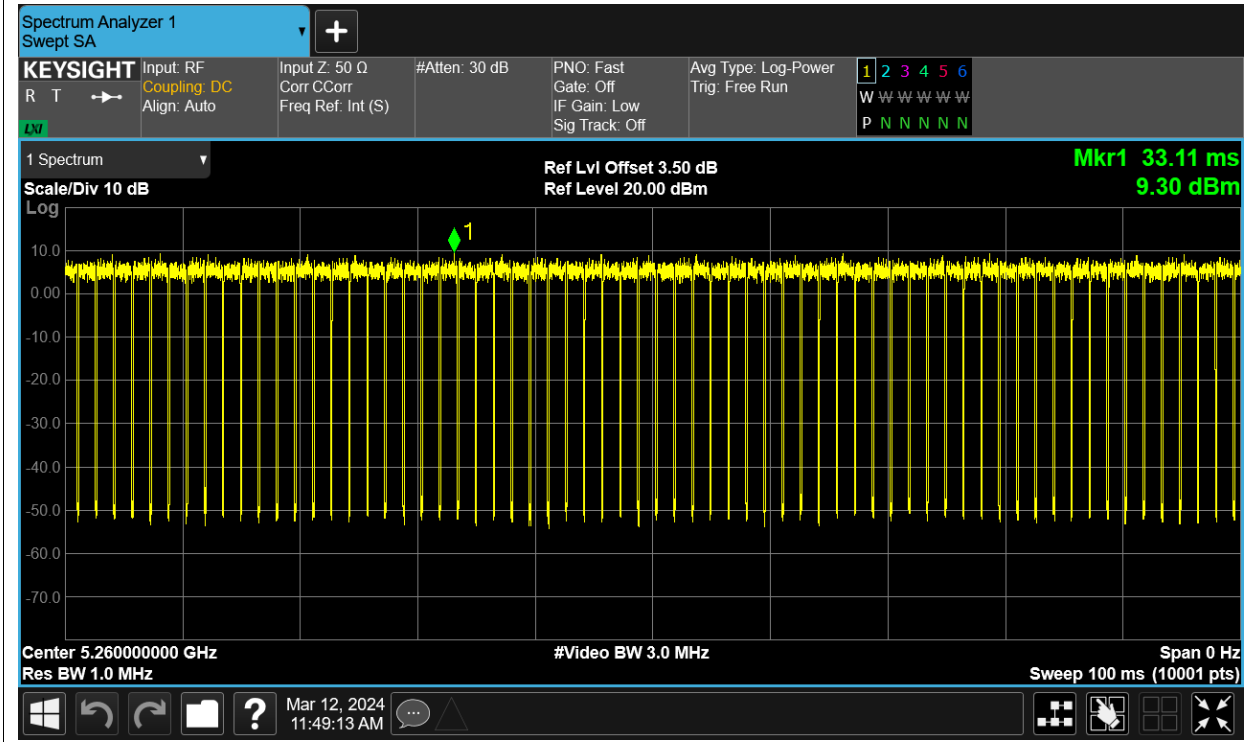


Duty Cycle

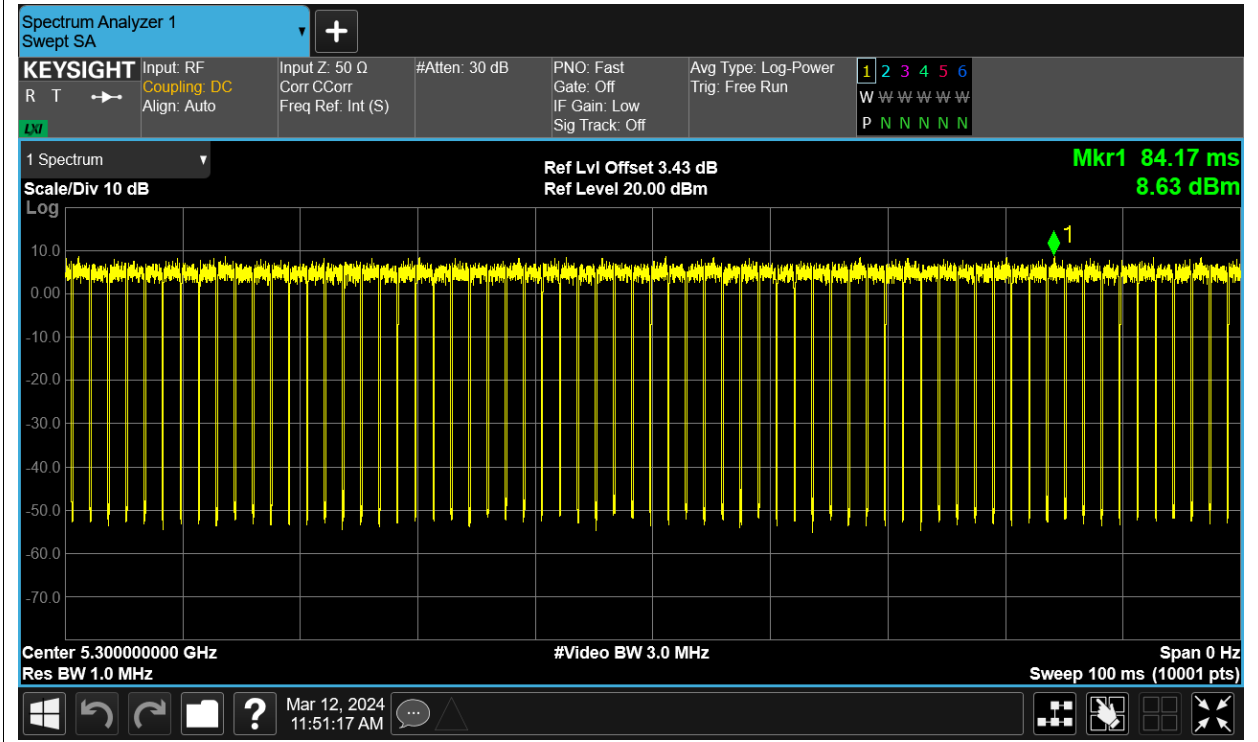
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant4	91.29	0.4
NVNT	a	5300	Ant4	91.37	0.39
NVNT	a	5320	Ant4	91	0.41
NVNT	ac20	5260	Ant4	89.7	0.47
NVNT	ac20	5300	Ant4	89.58	0.48
NVNT	ac20	5320	Ant4	89.7	0.47
NVNT	ac40	5270	Ant4	81.18	0.91
NVNT	ac40	5310	Ant4	81.47	0.89
NVNT	ac80	5290	Ant4	69.79	1.56
NVNT	n20	5260	Ant4	89.89	0.46
NVNT	n20	5300	Ant4	89.84	0.47
NVNT	n20	5320	Ant4	89.76	0.47
NVNT	n40	5270	Ant4	81.47	0.89
NVNT	n40	5310	Ant4	81.55	0.89

Test Graphs

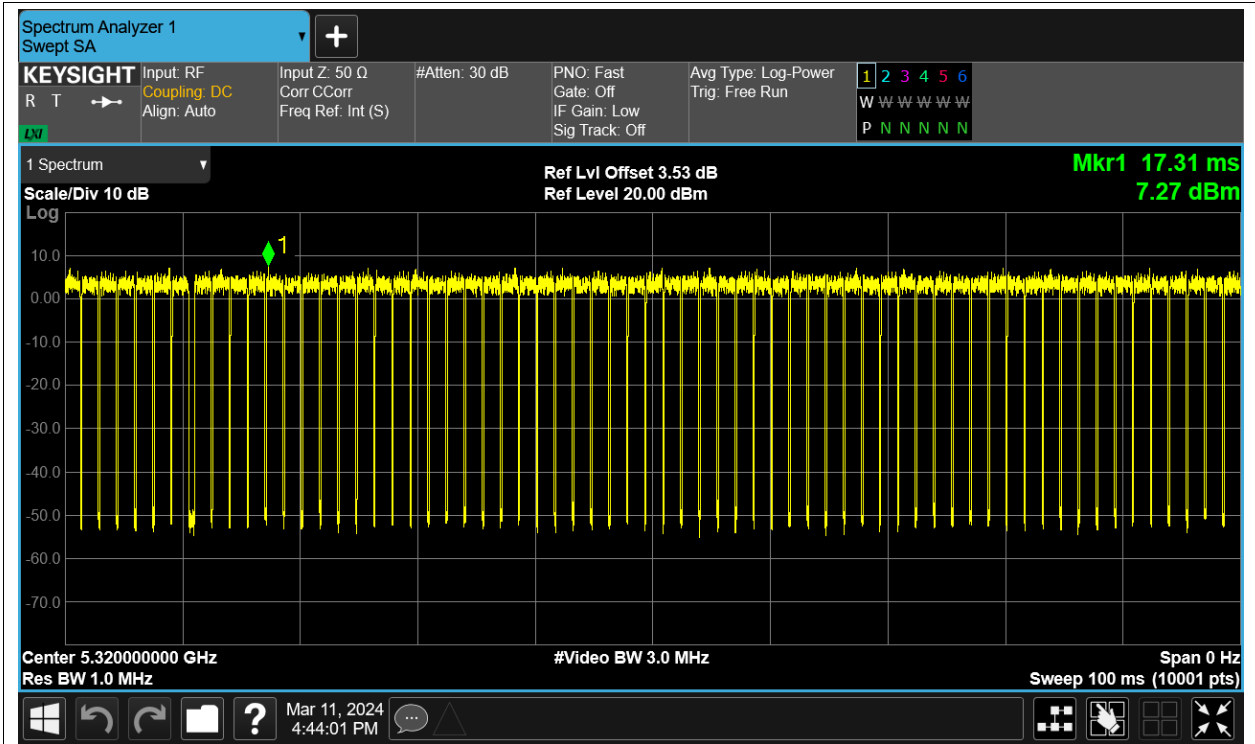
Duty Cycle NVNT a 5260MHz Ant4



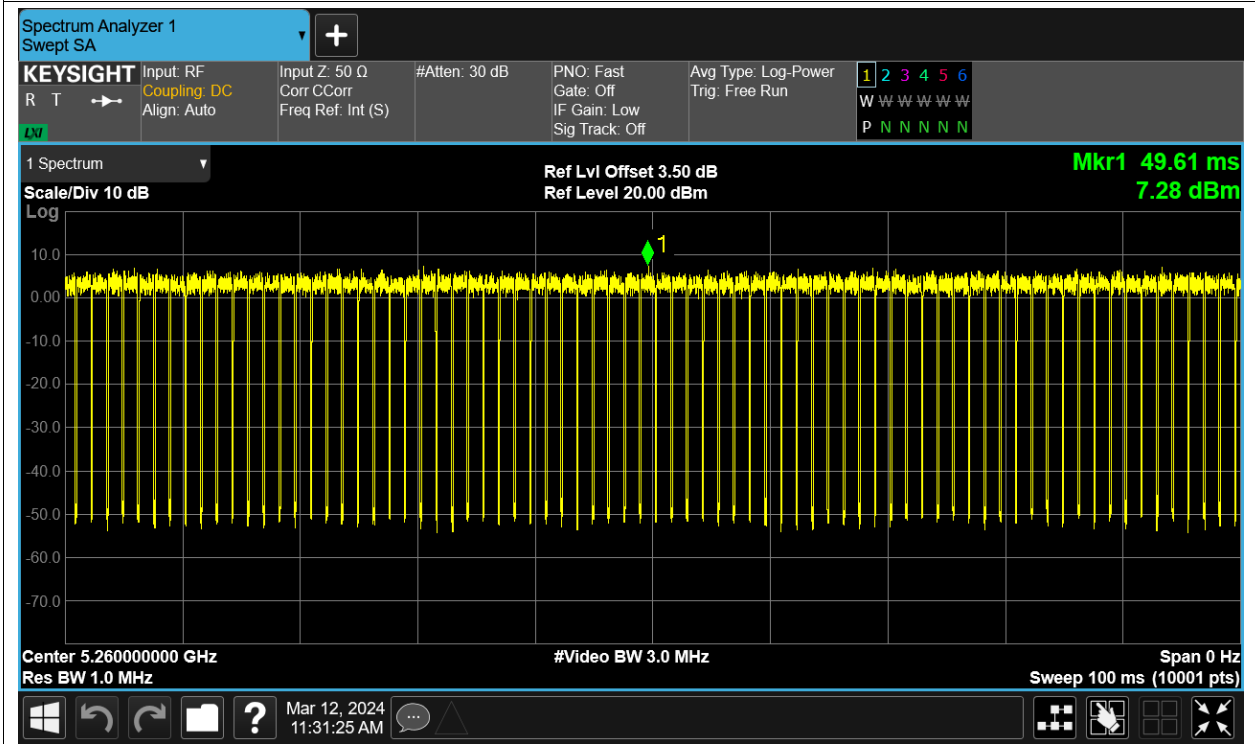
Duty Cycle NVNT a 5300MHz Ant4



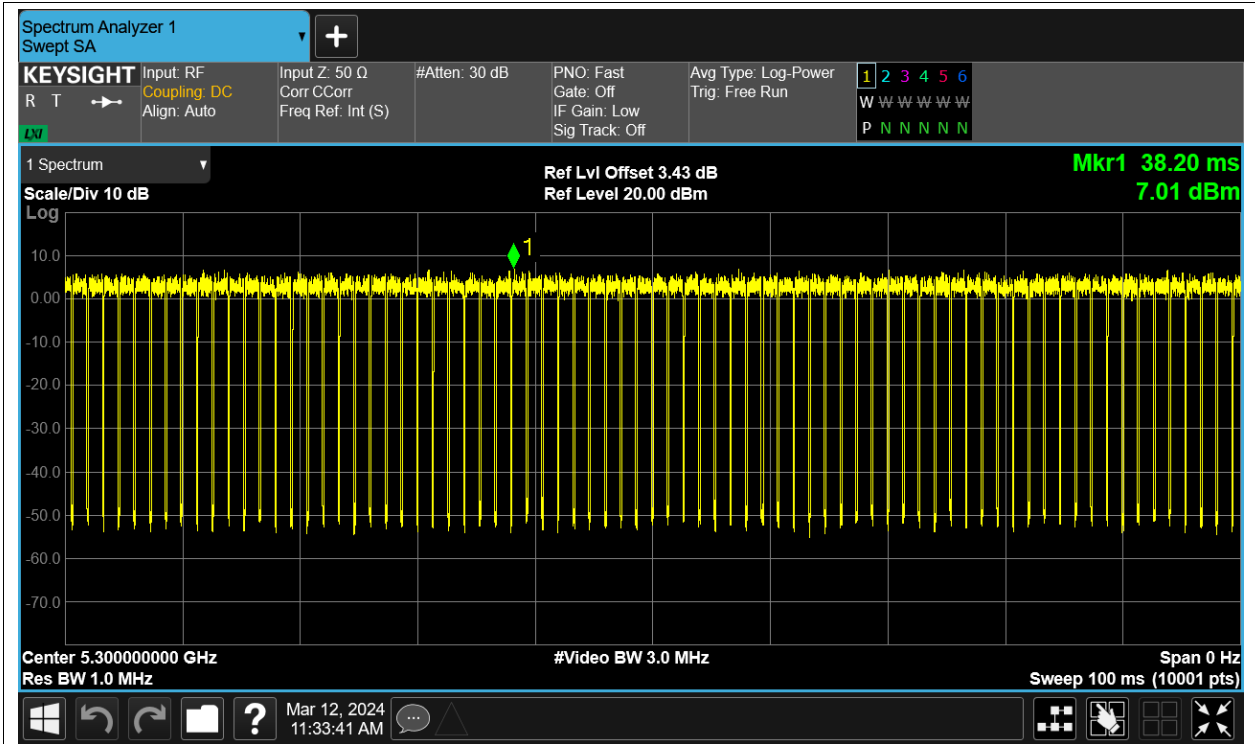
Duty Cycle NVNT a 5320MHz Ant4



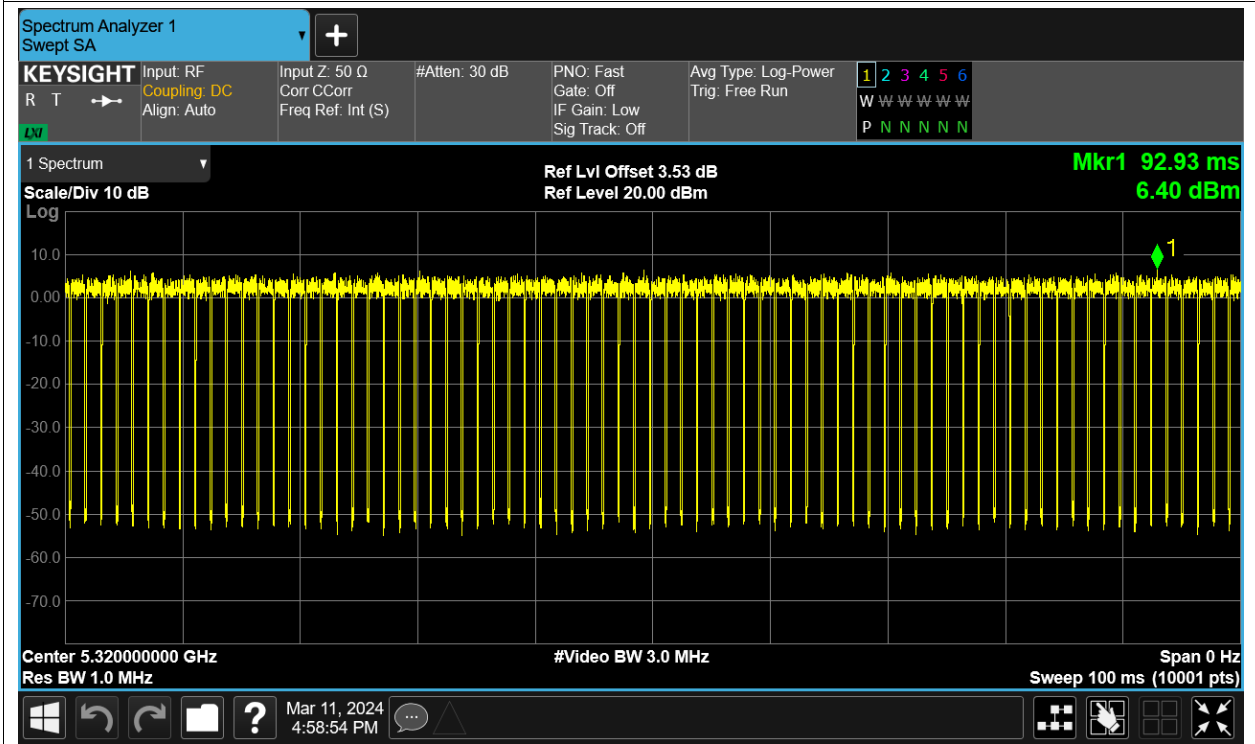
Duty Cycle NVNT ac20 5260MHz Ant4



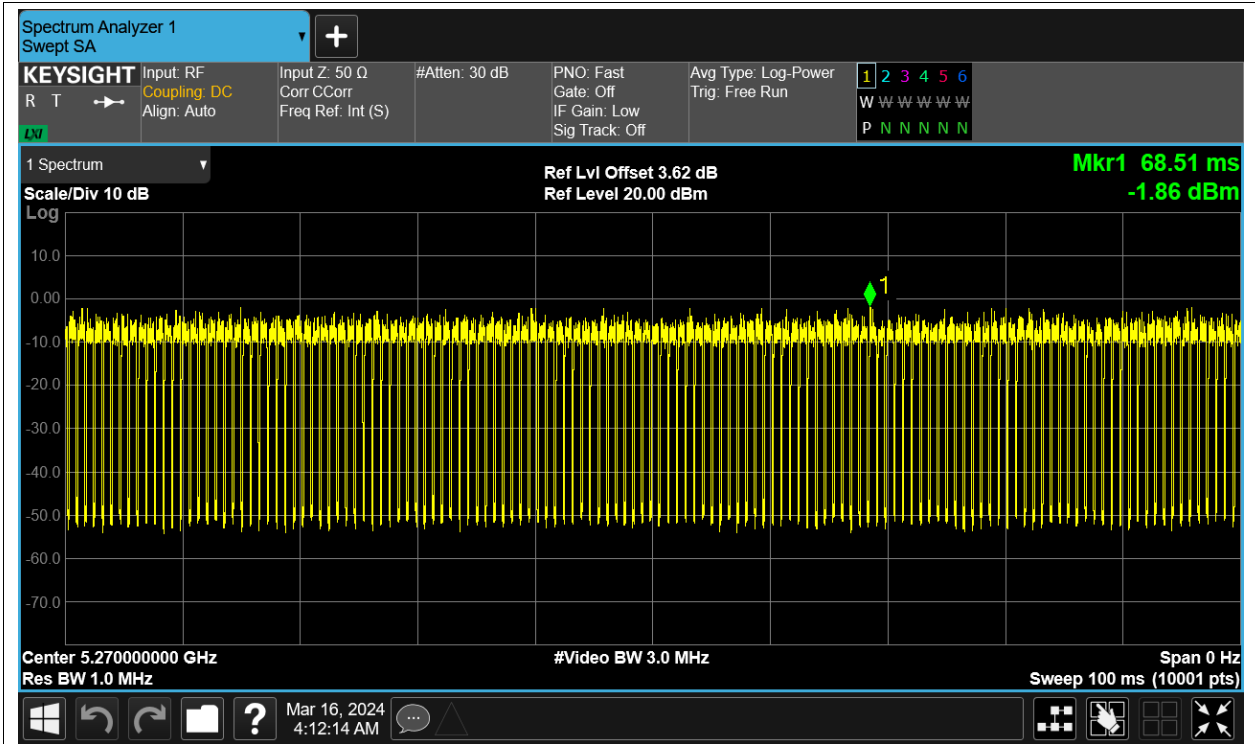
Duty Cycle NVNT ac20 5300MHz Ant4



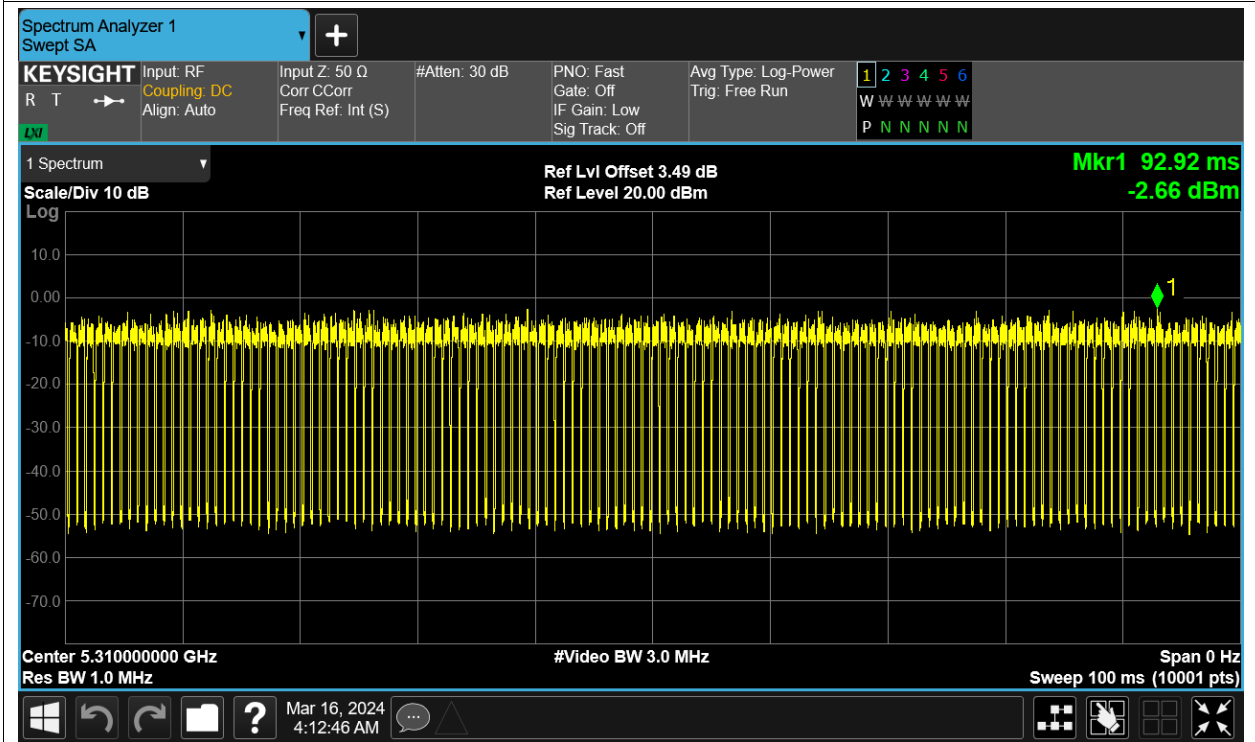
Duty Cycle NVNT ac20 5320MHz Ant4



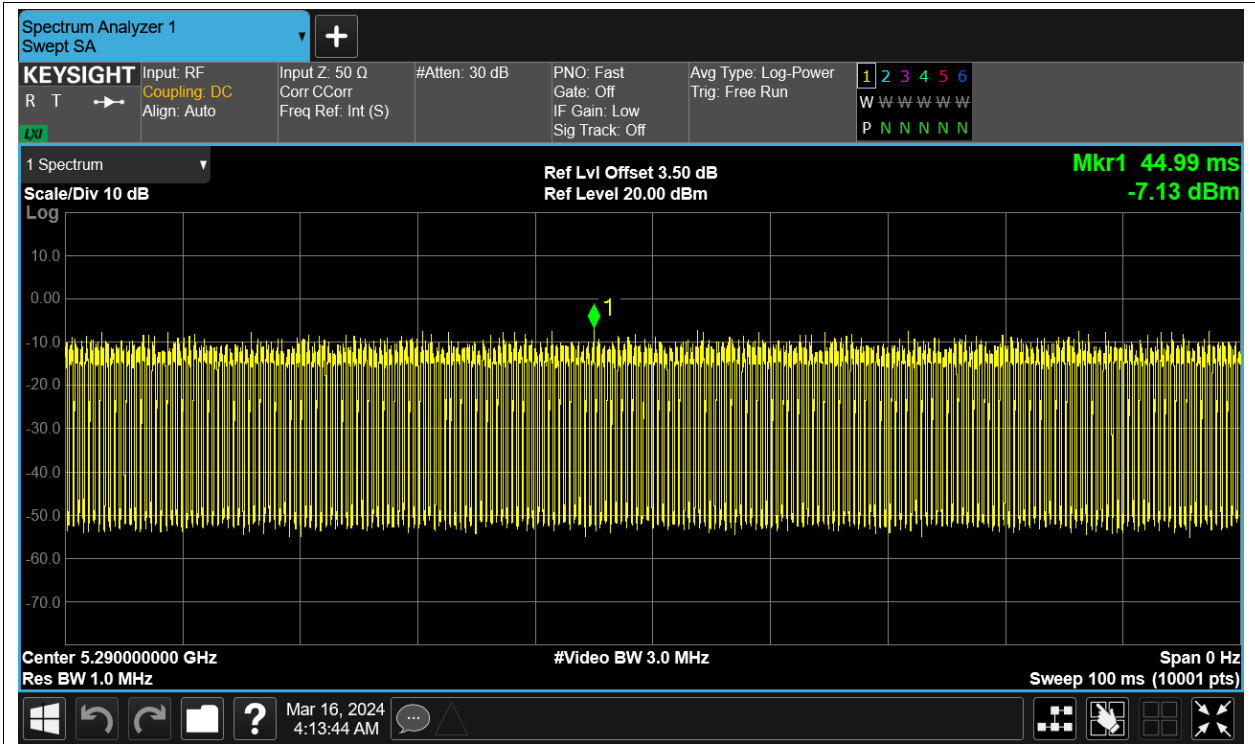
Duty Cycle NVNT ac40 5270MHz Ant4



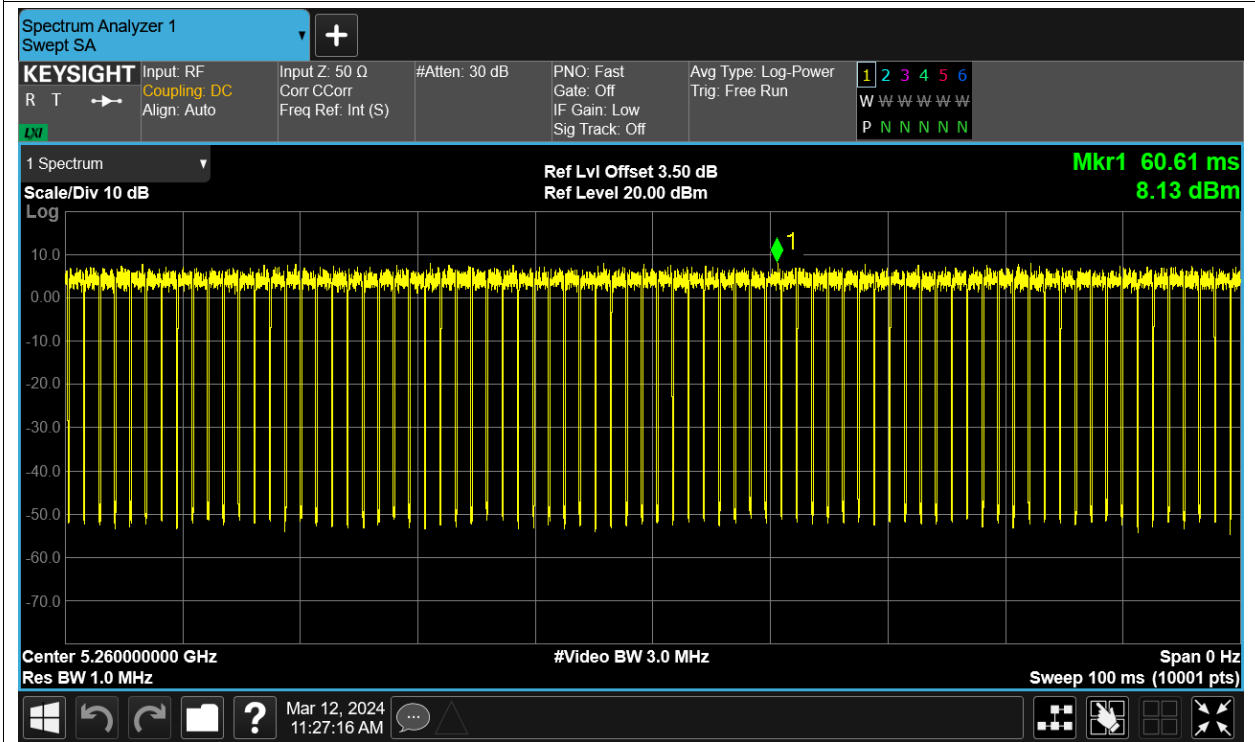
Duty Cycle NVNT ac40 5310MHz Ant4



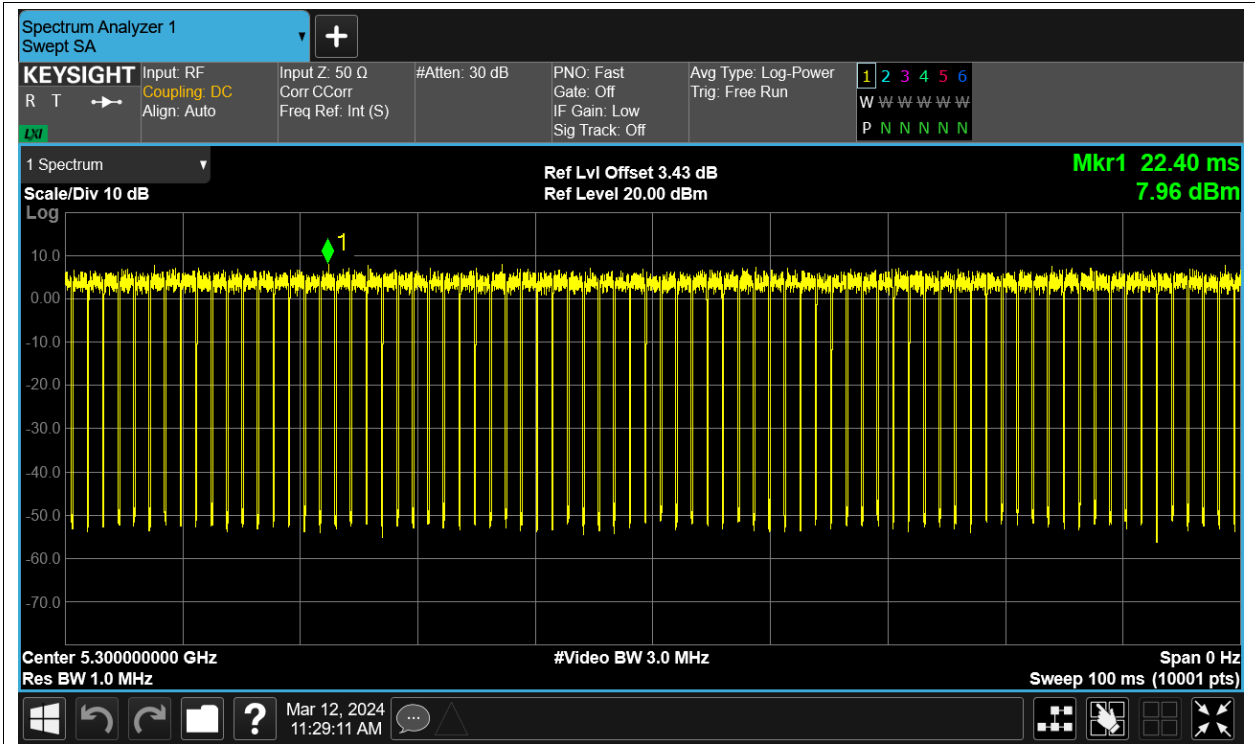
Duty Cycle NVNT ac80 5290MHz Ant4



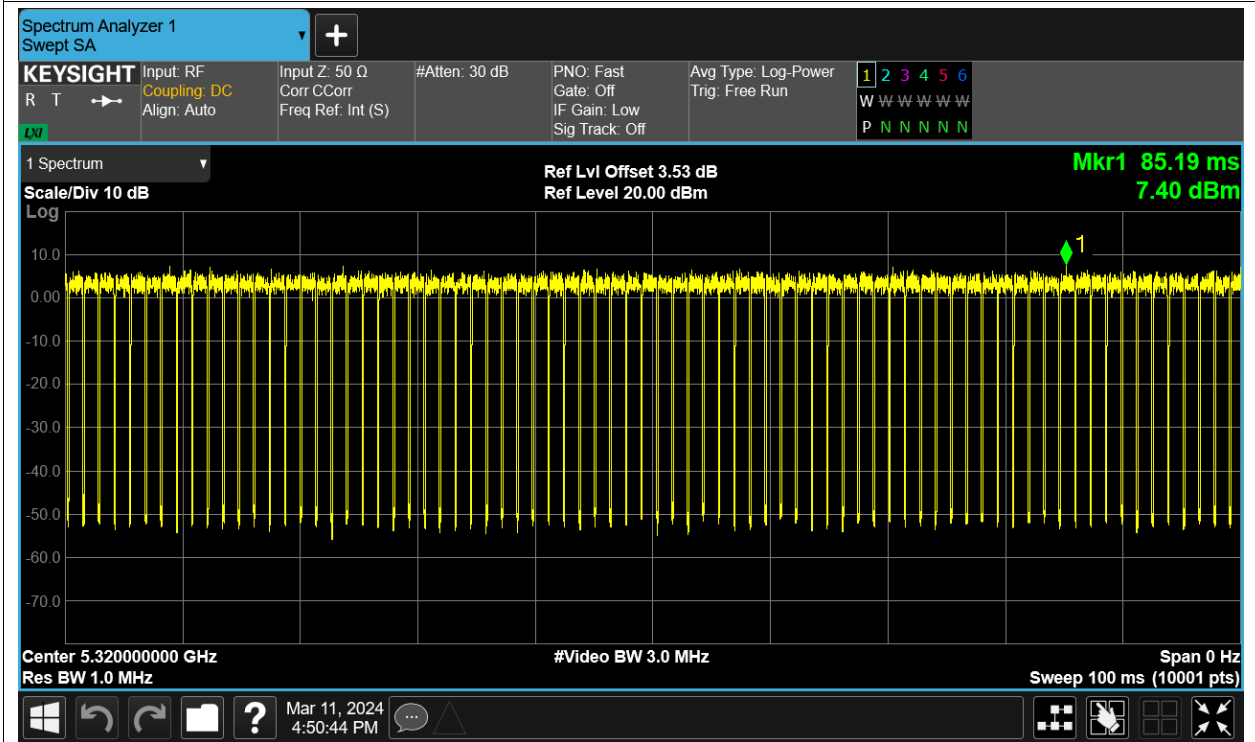
Duty Cycle NVNT n20 5260MHz Ant4



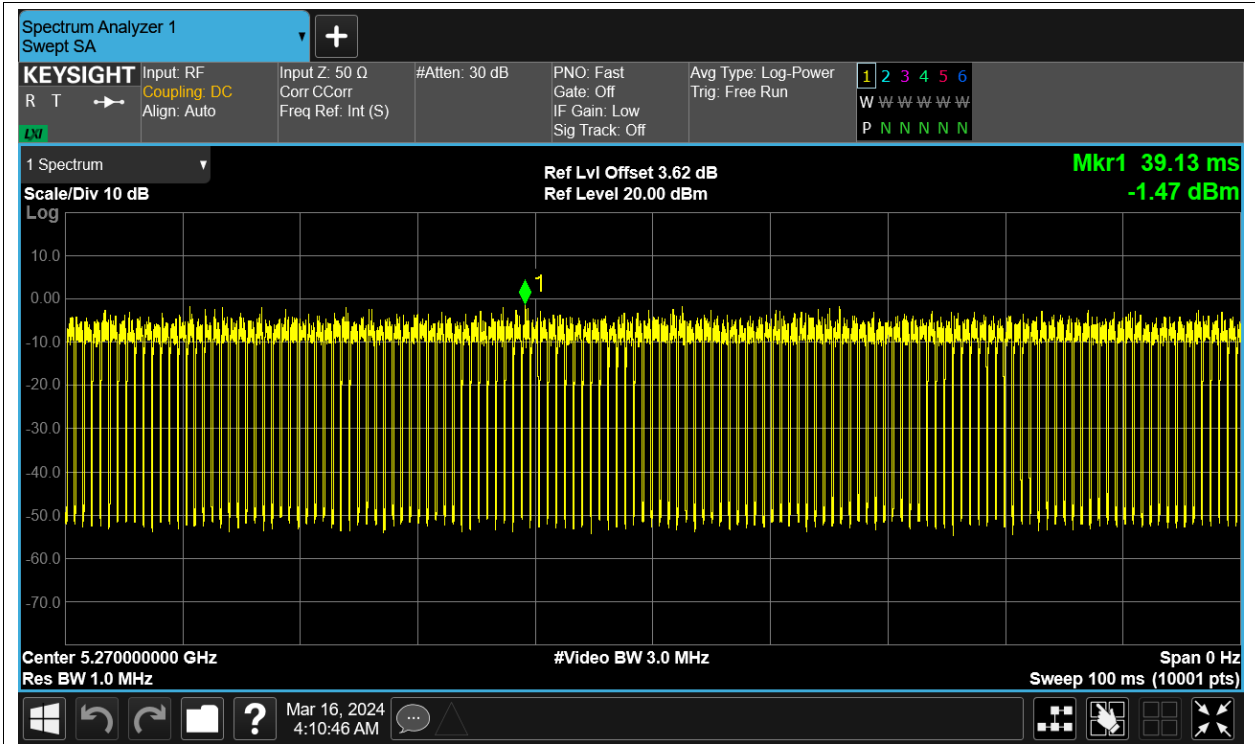
Duty Cycle NVNT n20 5300MHz Ant4



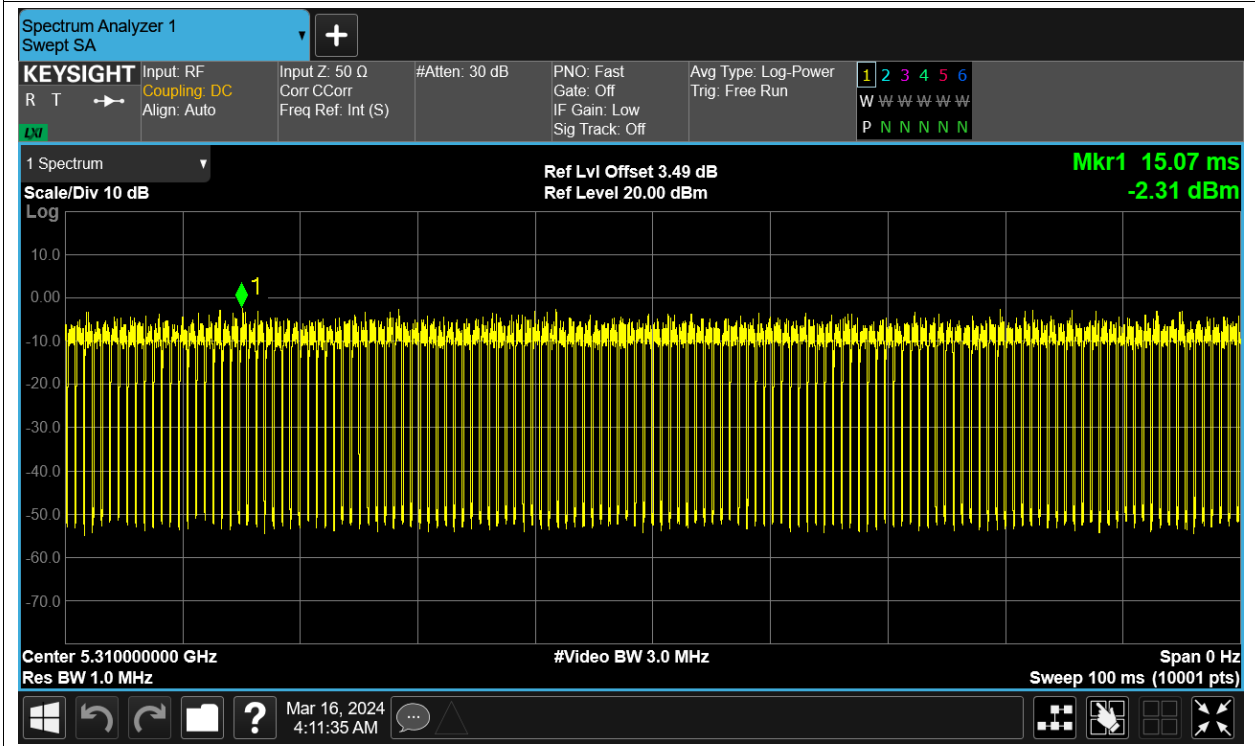
Duty Cycle NVNT n20 5320MHz Ant4



Duty Cycle NVNT n40 5270MHz Ant4



Duty Cycle NVNT n40 5310MHz Ant4



Maximum Conducted Output Power

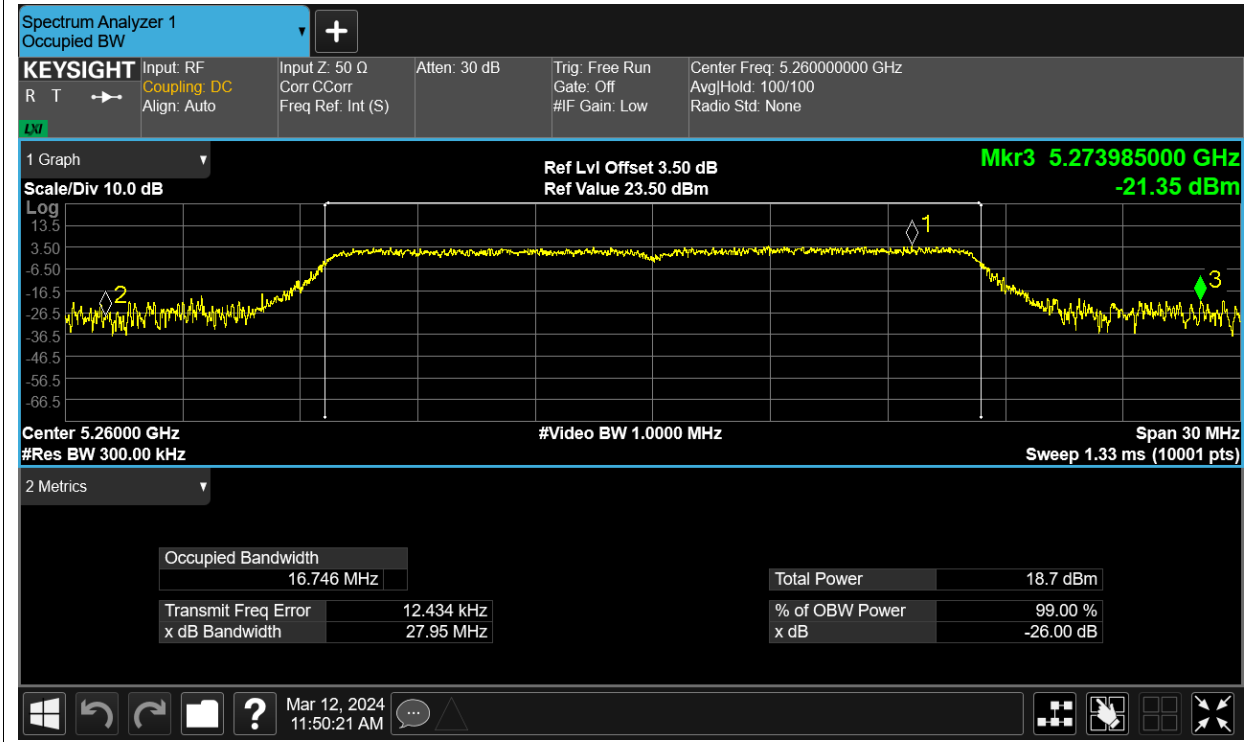
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant4	13.89	0.4	14.29	24	Pass
NVNT	a	5300	Ant4	13.41	0.39	13.8	24	Pass
NVNT	a	5320	Ant4	12.72	0.41	13.13	24	Pass
NVNT	ac20	5260	Ant4	11.89	0.47	12.36	24	Pass
NVNT	ac20	5300	Ant4	11.68	0.48	12.16	24	Pass
NVNT	ac20	5320	Ant4	11.88	0.47	12.35	24	Pass
NVNT	ac40	5270	Ant4	6.83	0.91	7.74	24	Pass
NVNT	ac40	5310	Ant4	6.11	0.89	7	24	Pass
NVNT	ac80	5290	Ant4	5.45	1.56	7.01	24	Pass
NVNT	n20	5260	Ant4	12.82	0.46	13.28	24	Pass
NVNT	n20	5300	Ant4	12.5	0.47	12.97	24	Pass
NVNT	n20	5320	Ant4	12.7	0.47	13.17	24	Pass
NVNT	n40	5270	Ant4	6.9	0.89	7.79	24	Pass
NVNT	n40	5310	Ant4	6.12	0.89	7.01	24	Pass

-26dB Bandwidth

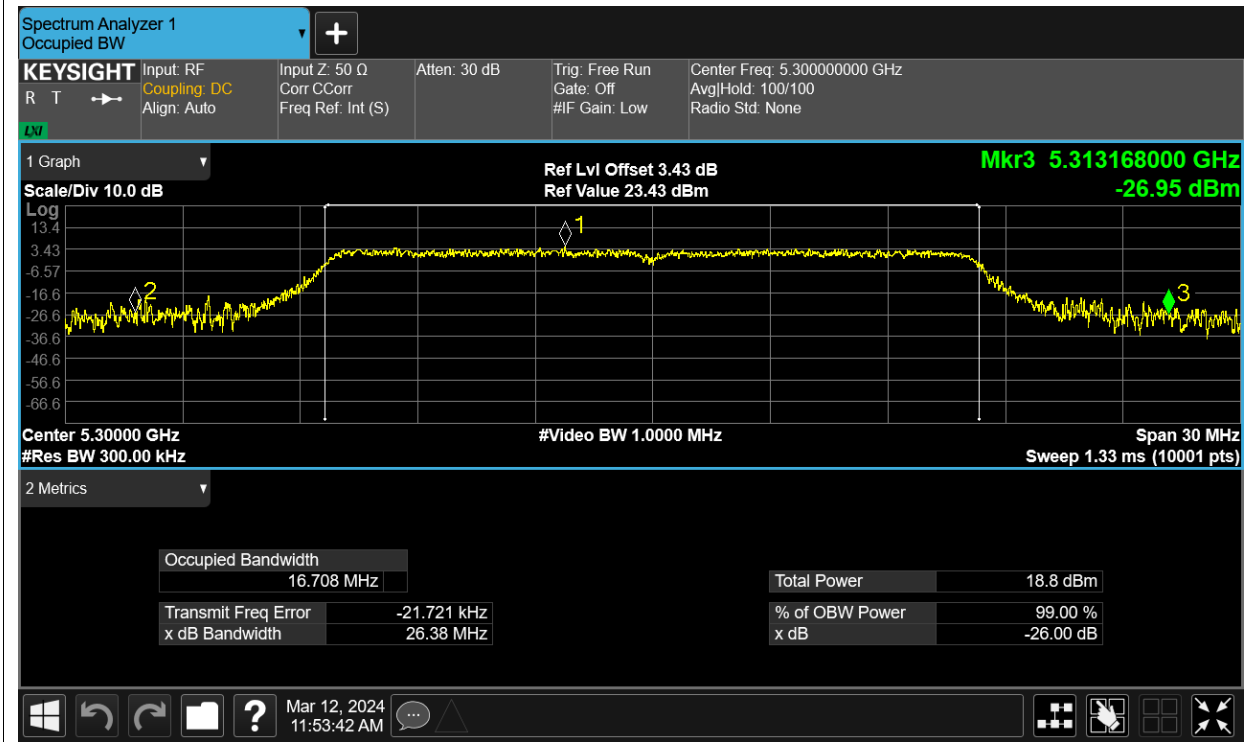
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant4	27.945
NVNT	a	5300	Ant4	26.379
NVNT	a	5320	Ant4	27.553
NVNT	ac20	5260	Ant4	27.137
NVNT	ac20	5300	Ant4	27.738
NVNT	ac20	5320	Ant4	29.469
NVNT	ac40	5270	Ant4	57.605
NVNT	ac40	5310	Ant4	54.4
NVNT	ac80	5290	Ant4	78.57
NVNT	n20	5260	Ant4	29.395
NVNT	n20	5300	Ant4	28.951
NVNT	n20	5320	Ant4	28.865
NVNT	n40	5270	Ant4	55.404
NVNT	n40	5310	Ant4	59.468

Test Graphs

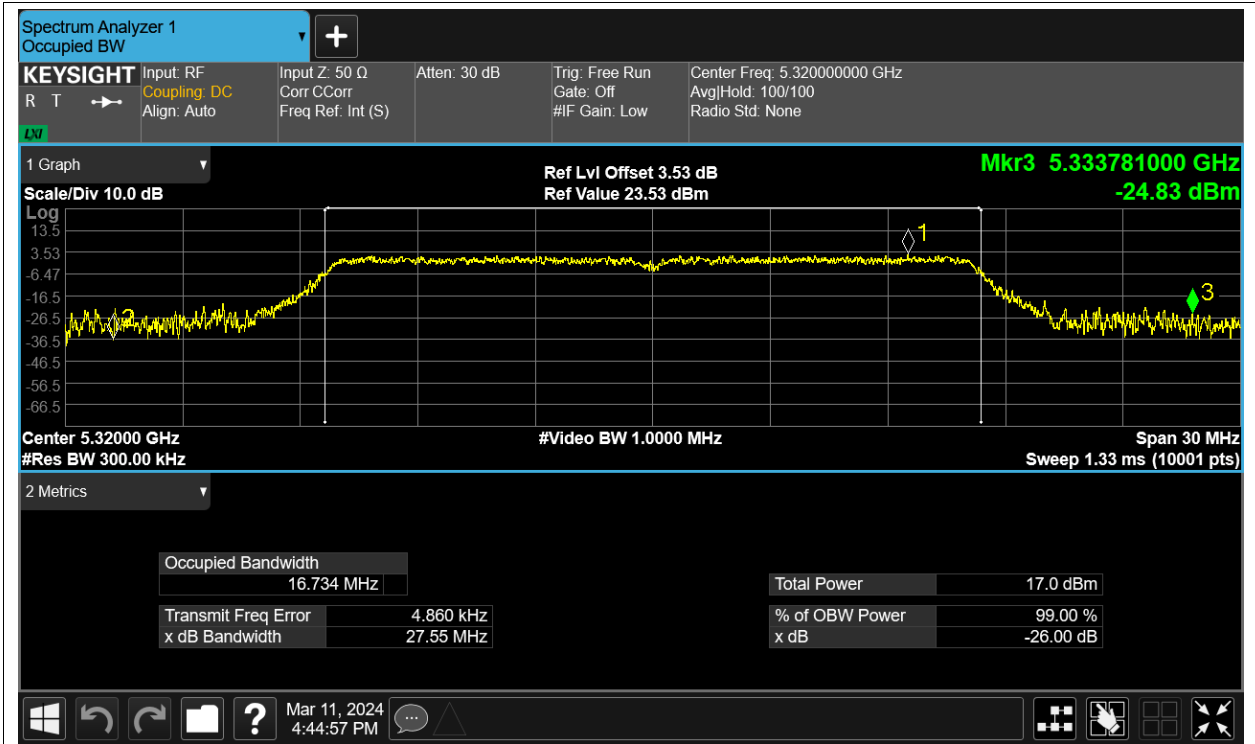
-26dB Bandwidth NVNT a 5260MHz Ant4



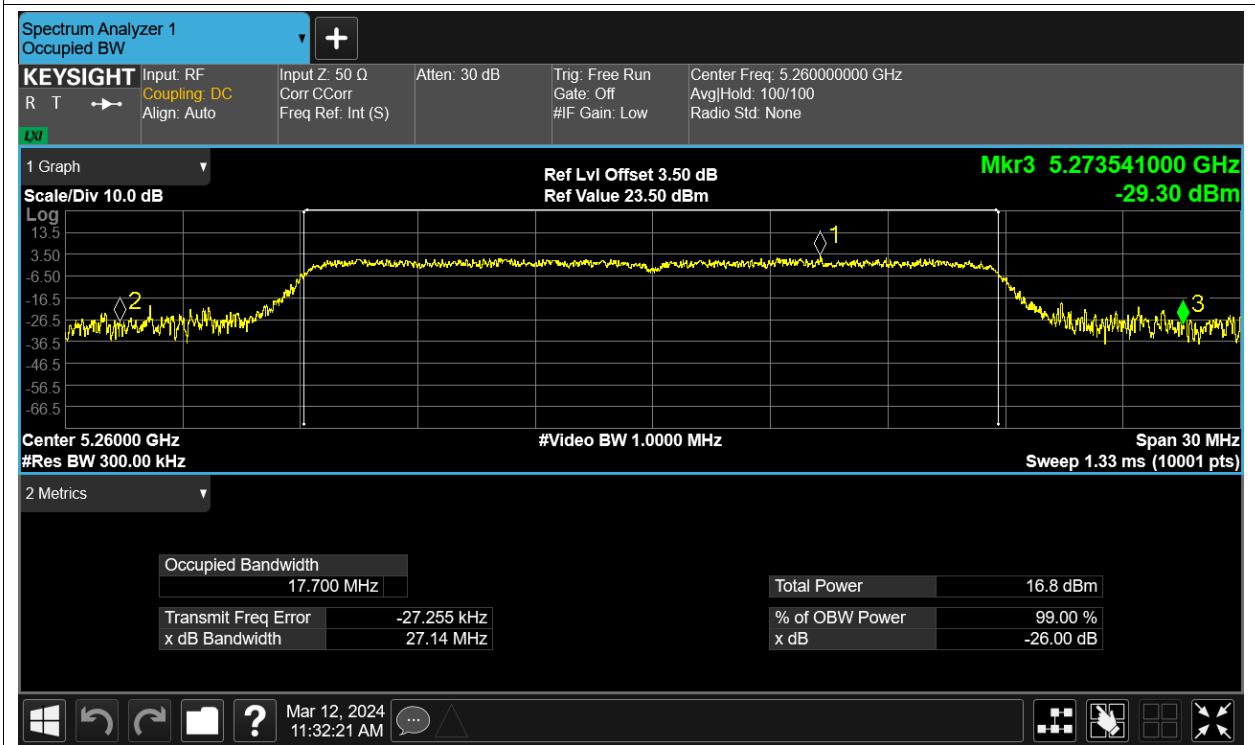
-26dB Bandwidth NVNT a 5300MHz Ant4



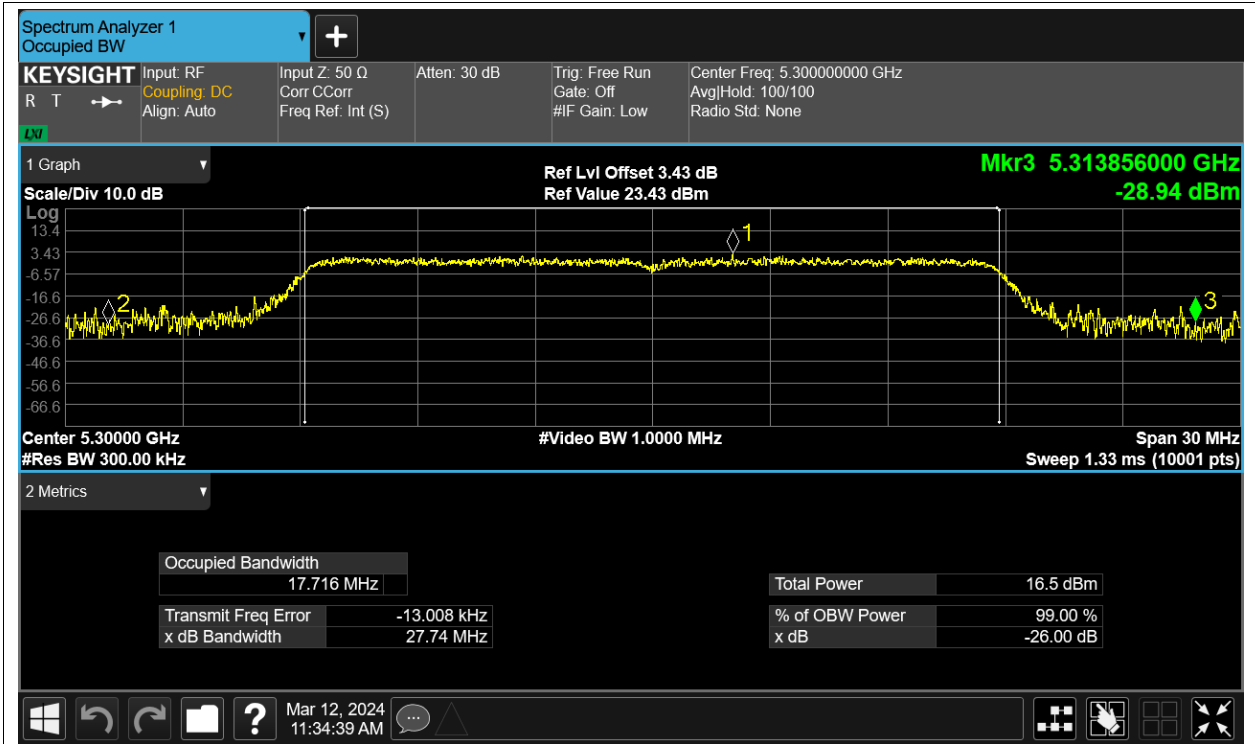
-26dB Bandwidth NVNT a 5320MHz Ant4



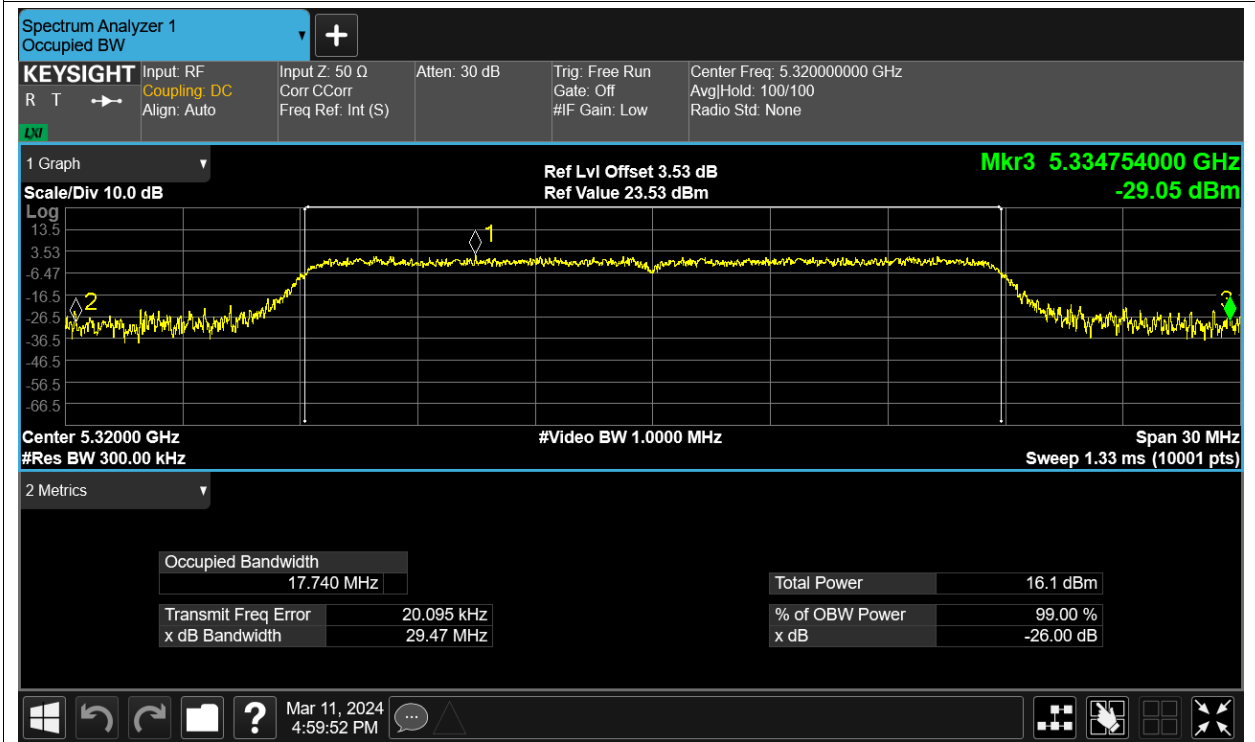
-26dB Bandwidth NVNT ac20 5260MHz Ant4



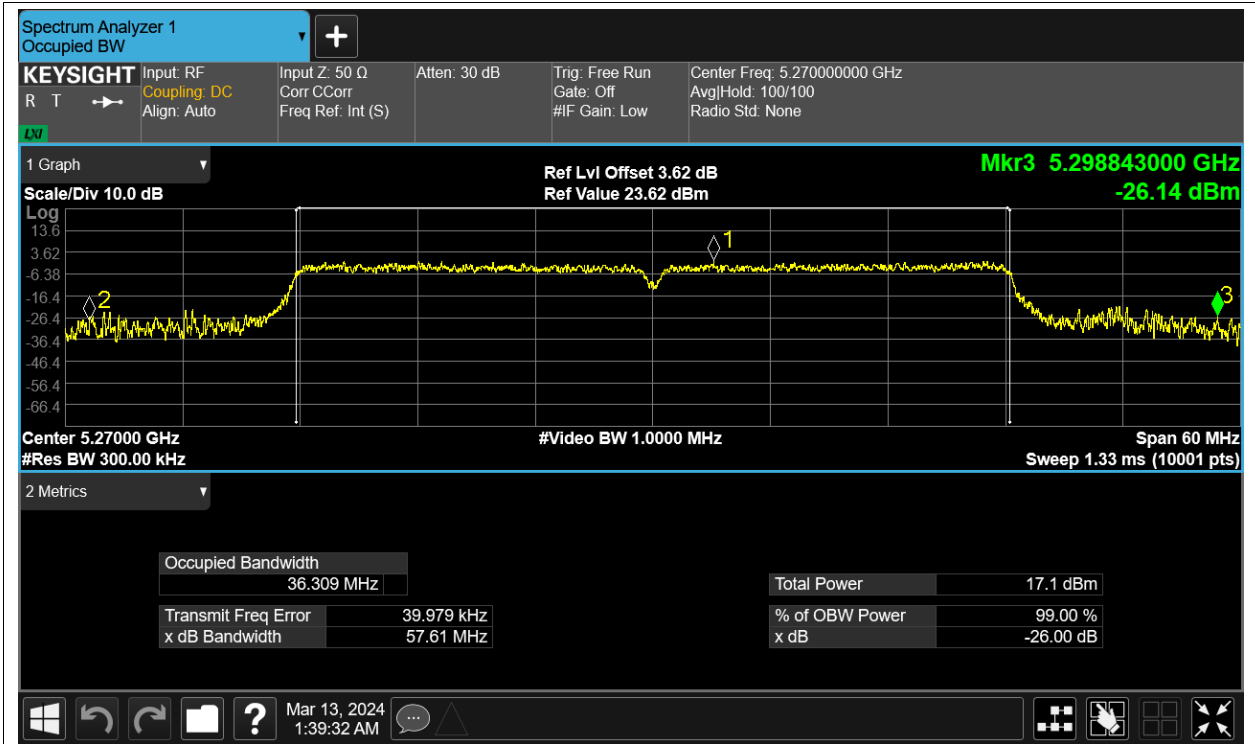
-26dB Bandwidth NVNT ac20 5300MHz Ant4



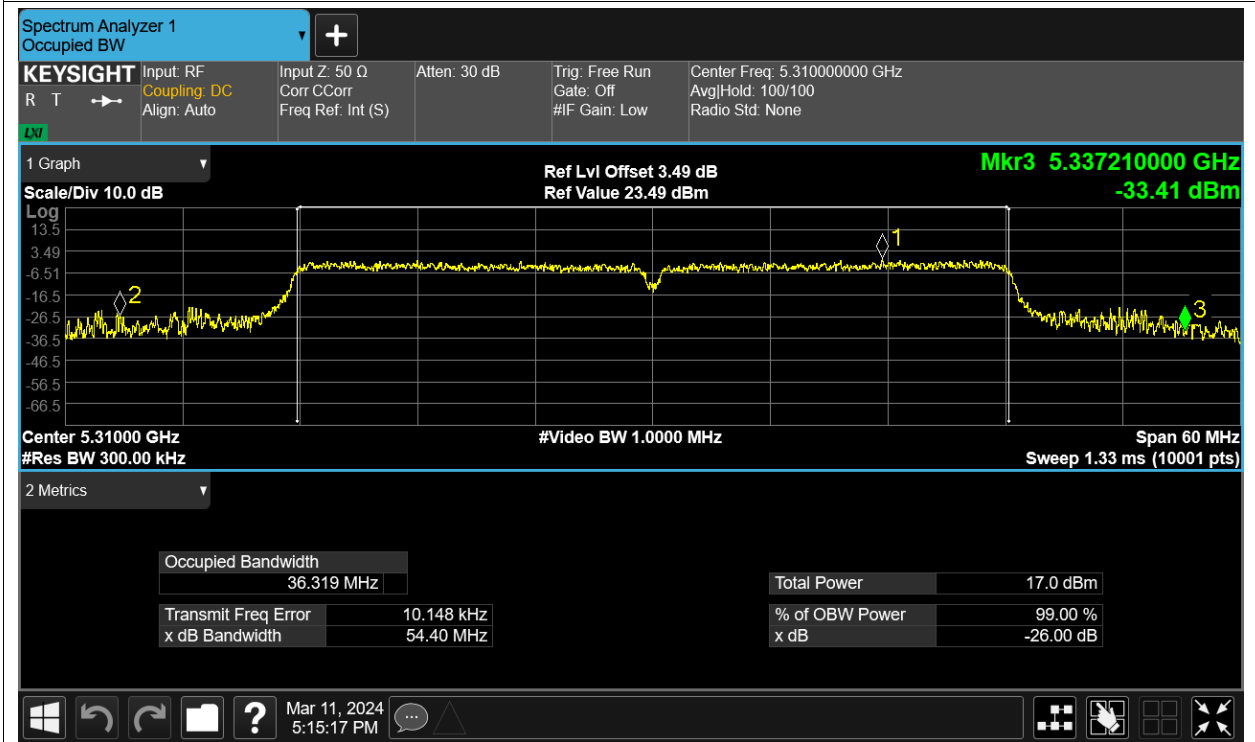
-26dB Bandwidth NVNT ac20 5320MHz Ant4



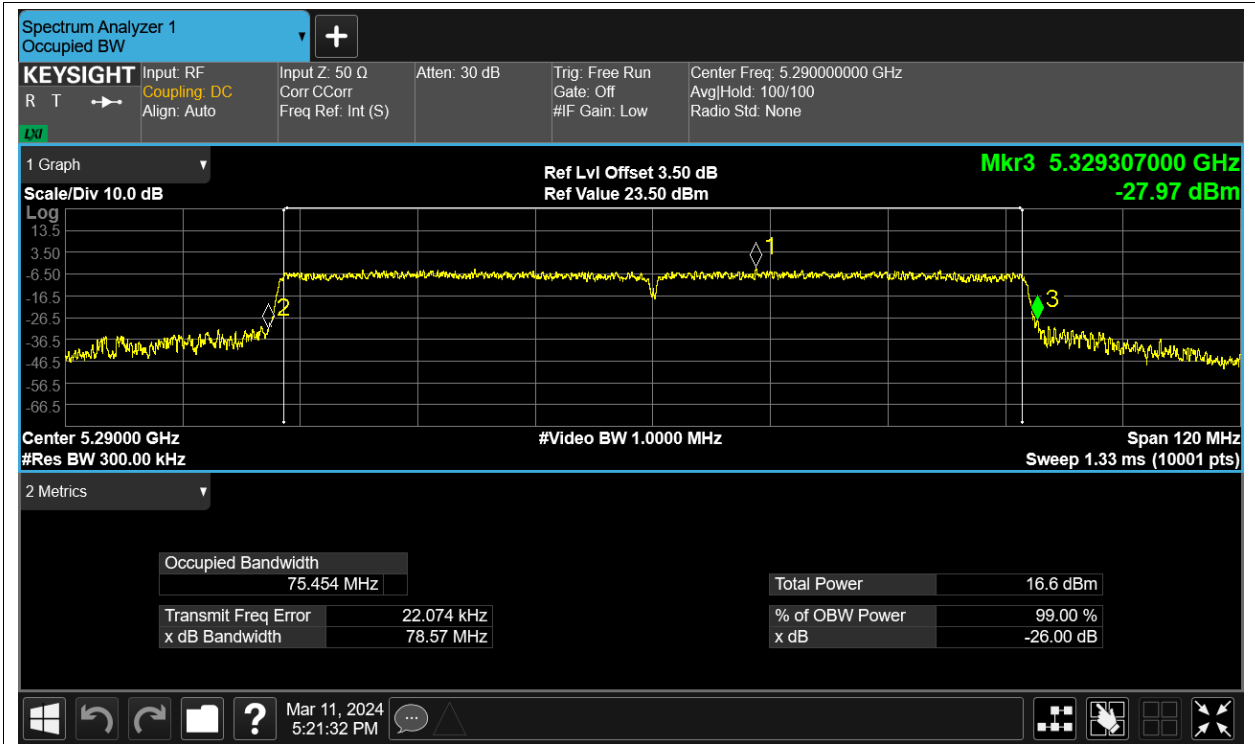
-26dB Bandwidth NVNT ac40 5270MHz Ant4



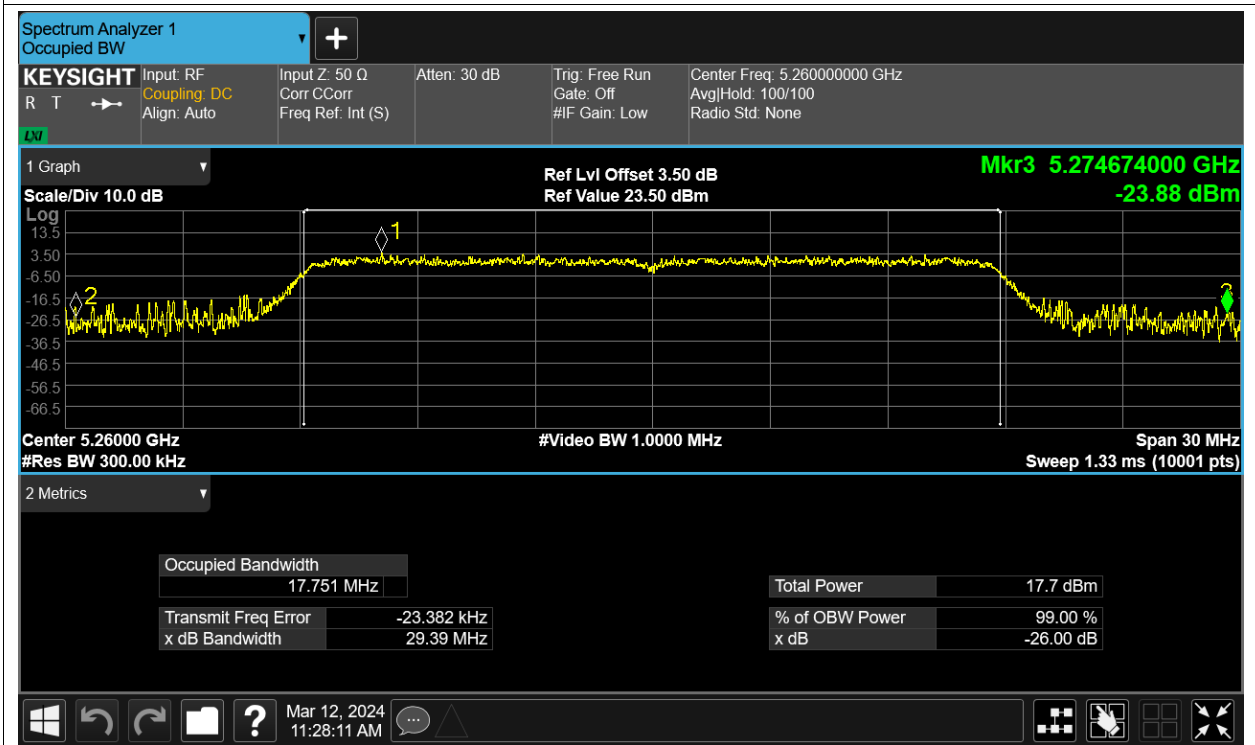
-26dB Bandwidth NVNT ac40 5310MHz Ant4



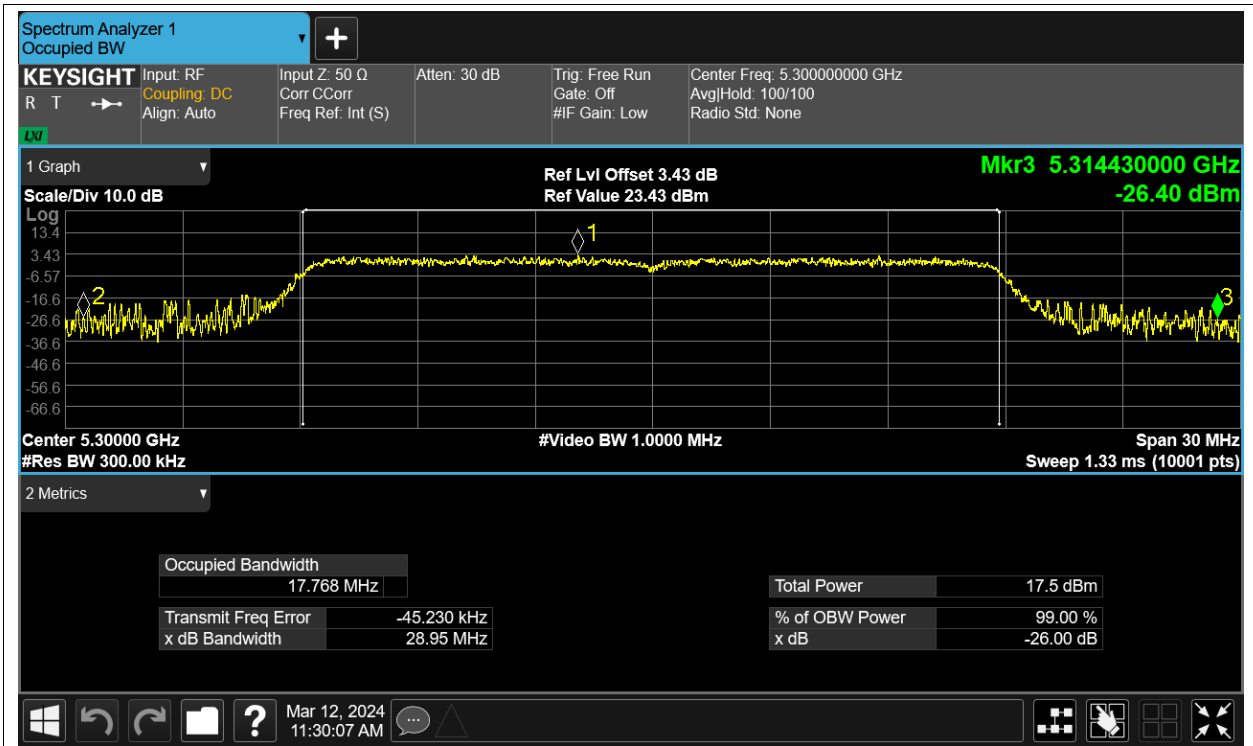
-26dB Bandwidth NVNT ac80 5290MHz Ant4



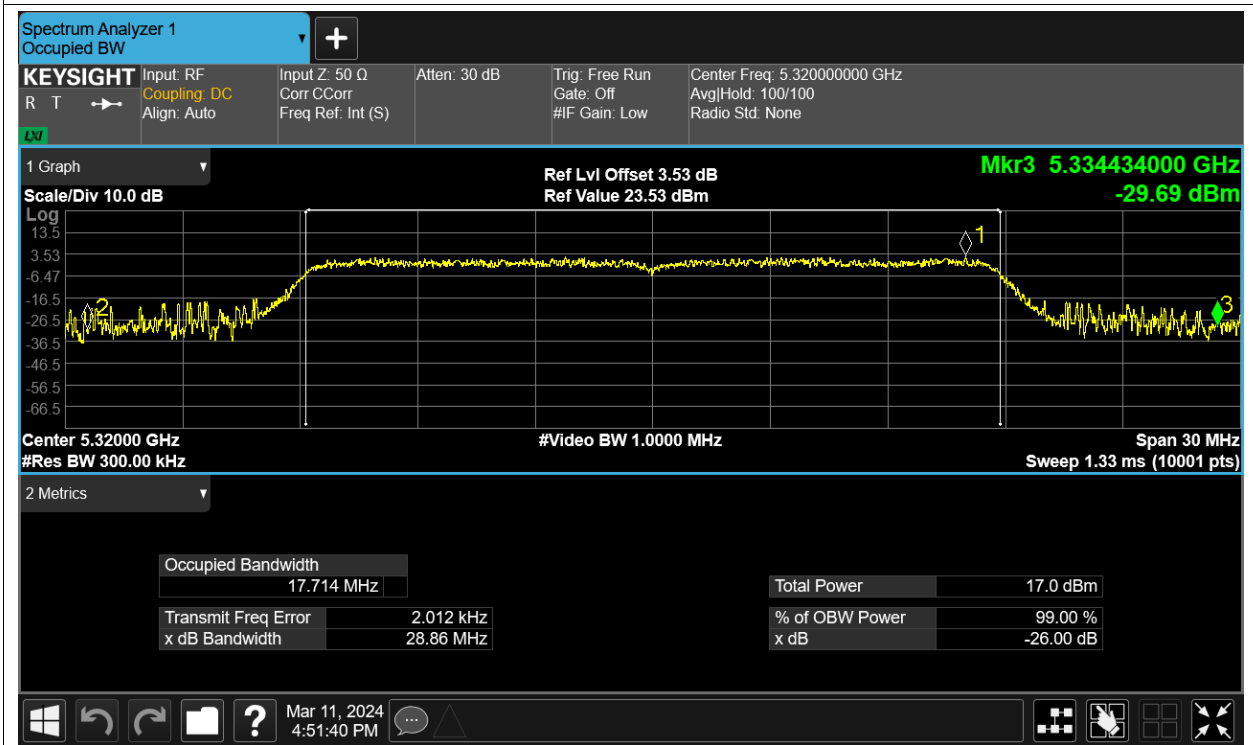
-26dB Bandwidth NVNT n20 5260MHz Ant4



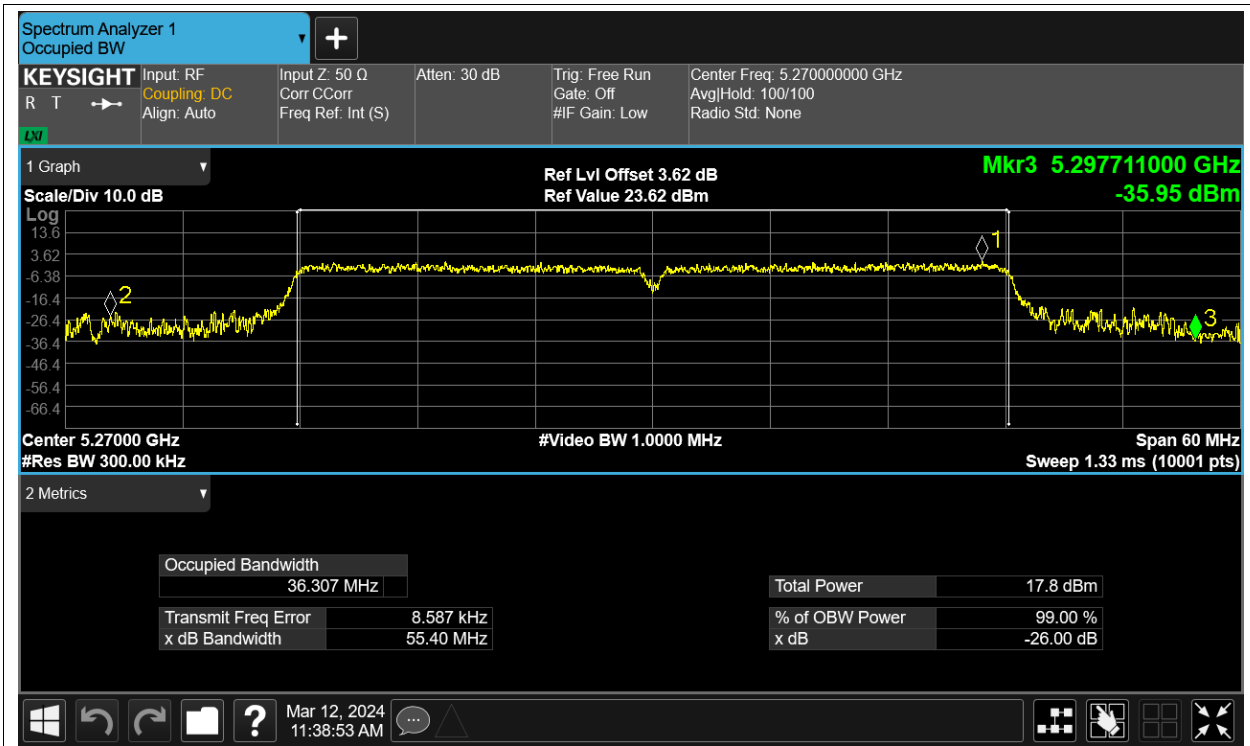
-26dB Bandwidth NVNT n20 5300MHz Ant4



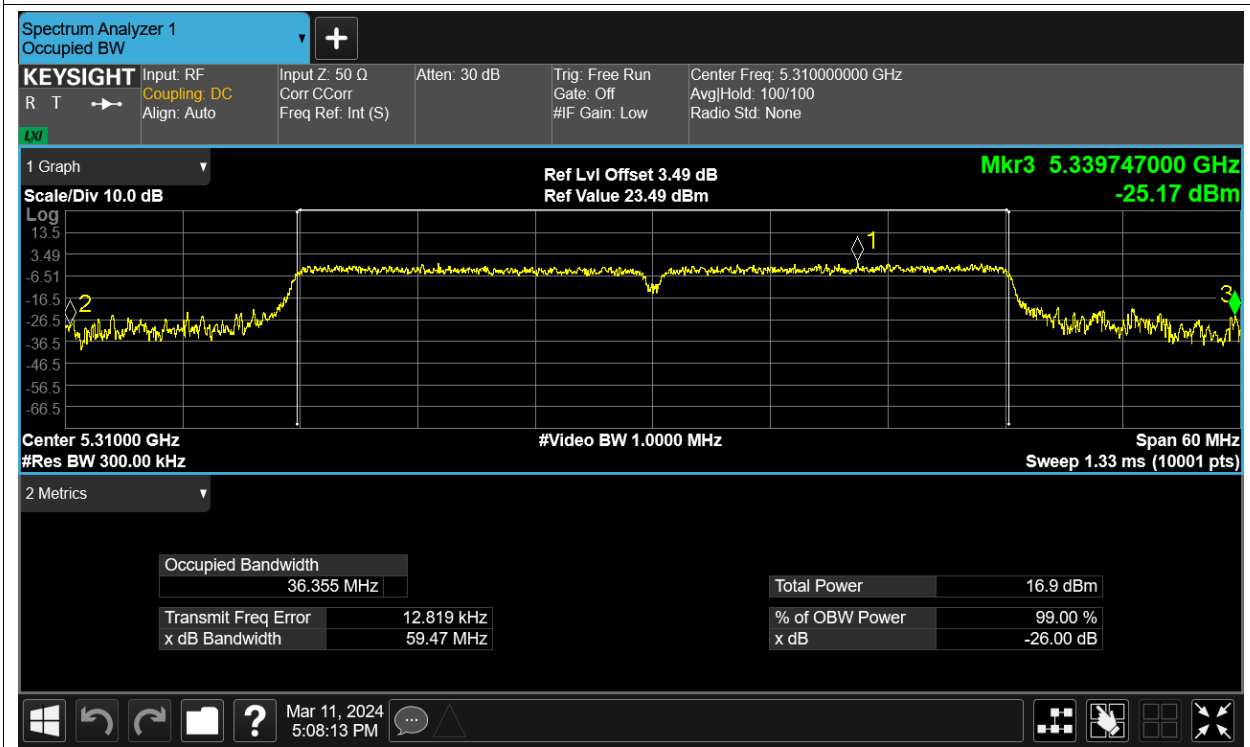
-26dB Bandwidth NVNT n20 5320MHz Ant4



-26dB Bandwidth NVNT n40 5270MHz Ant4

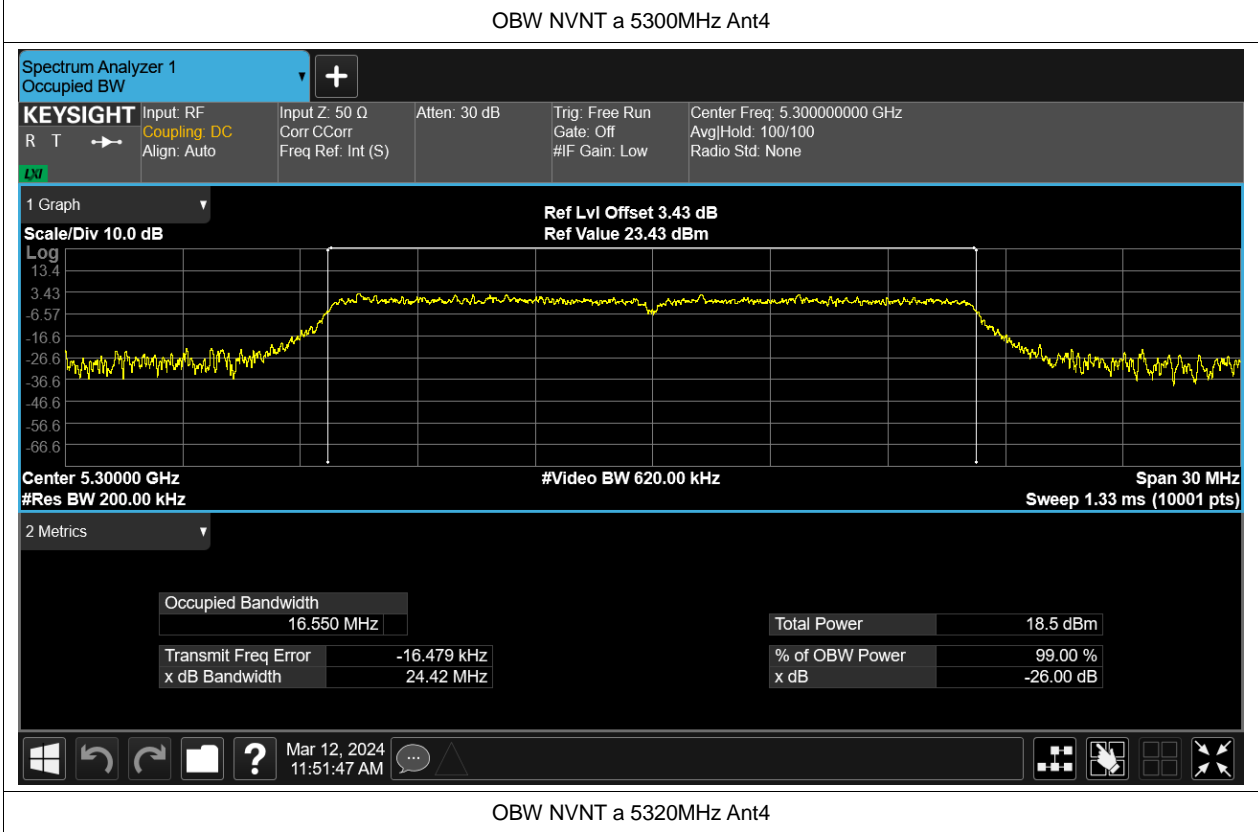
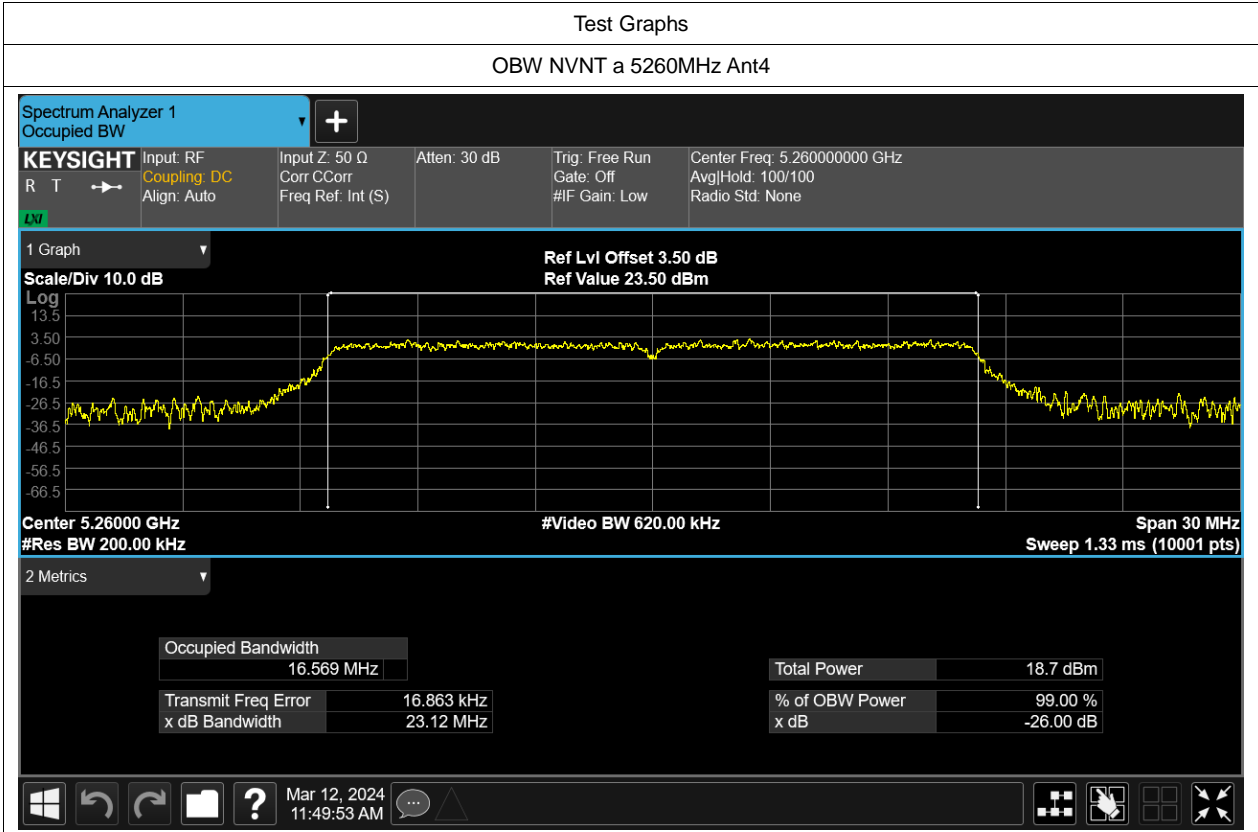


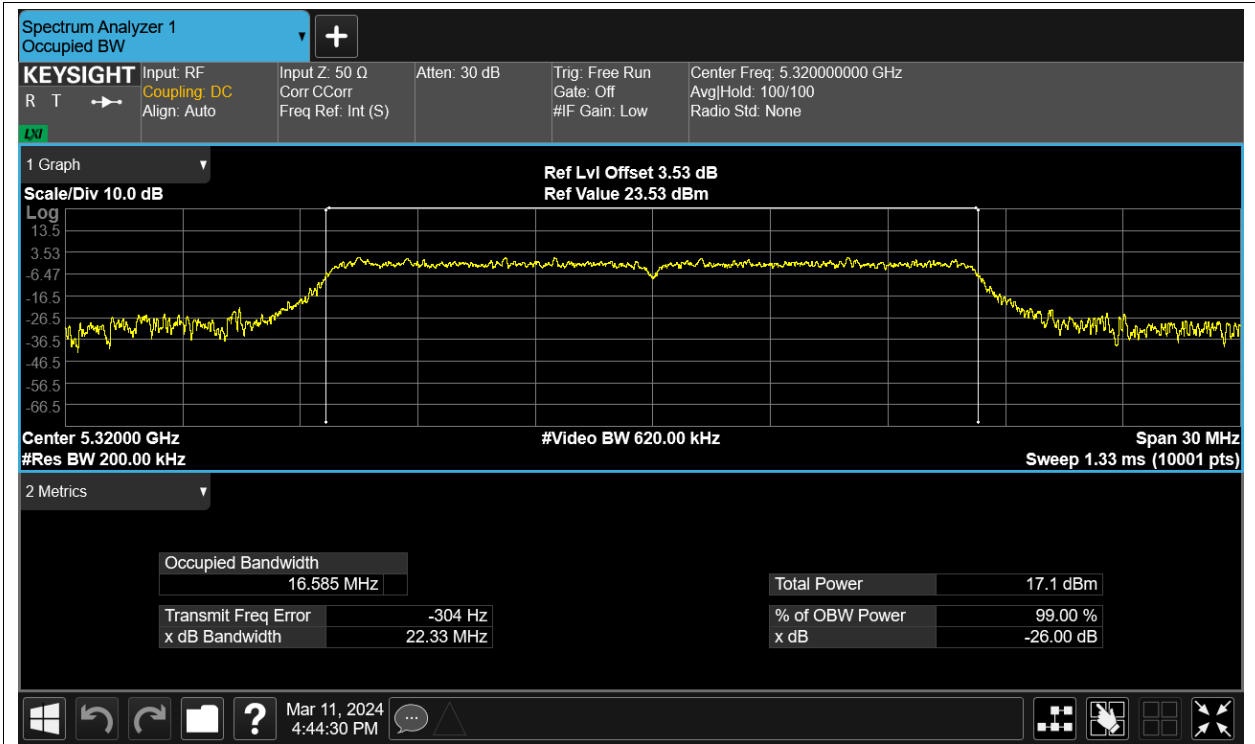
-26dB Bandwidth NVNT n40 5310MHz Ant4



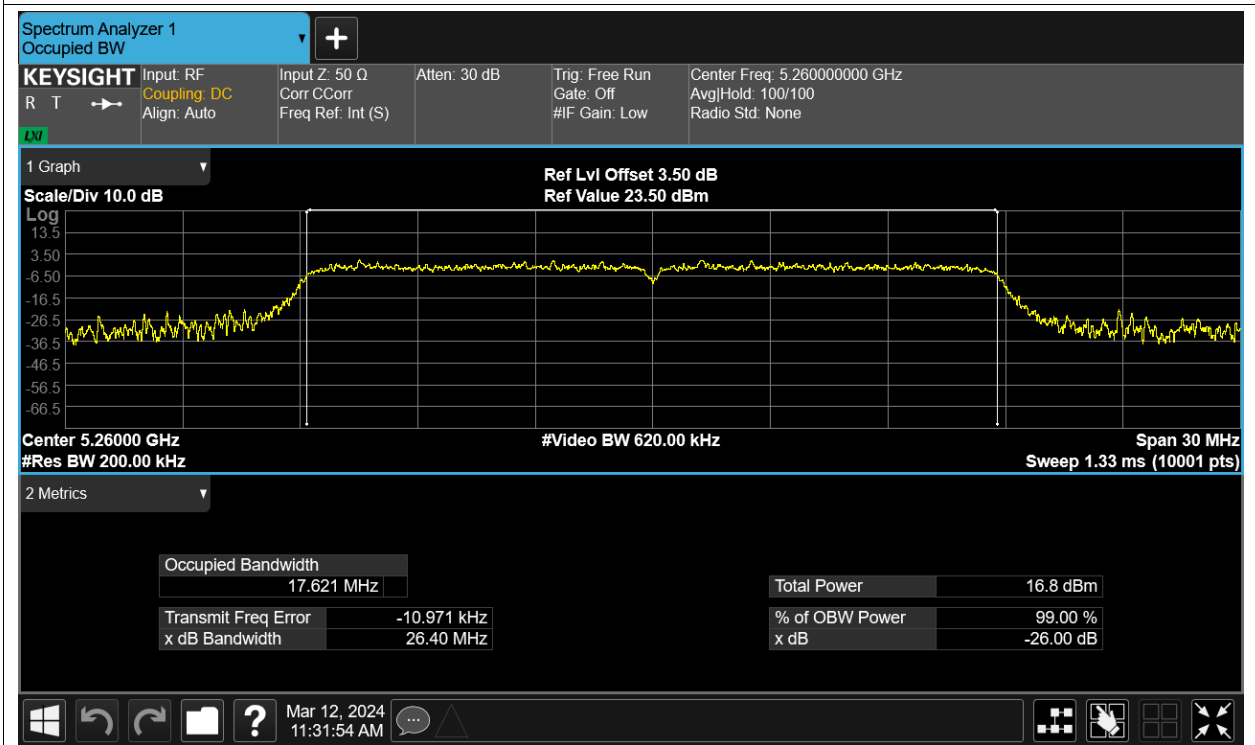
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant4	16.569
NVNT	a	5300	Ant4	16.55
NVNT	a	5320	Ant4	16.585
NVNT	ac20	5260	Ant4	17.621
NVNT	ac20	5300	Ant4	17.634
NVNT	ac20	5320	Ant4	17.612
NVNT	ac40	5270	Ant4	36.39
NVNT	ac40	5310	Ant4	36.401
NVNT	ac80	5290	Ant4	75.539
NVNT	n20	5260	Ant4	17.66
NVNT	n20	5300	Ant4	17.662
NVNT	n20	5320	Ant4	17.648
NVNT	n40	5270	Ant4	36.395
NVNT	n40	5310	Ant4	36.377

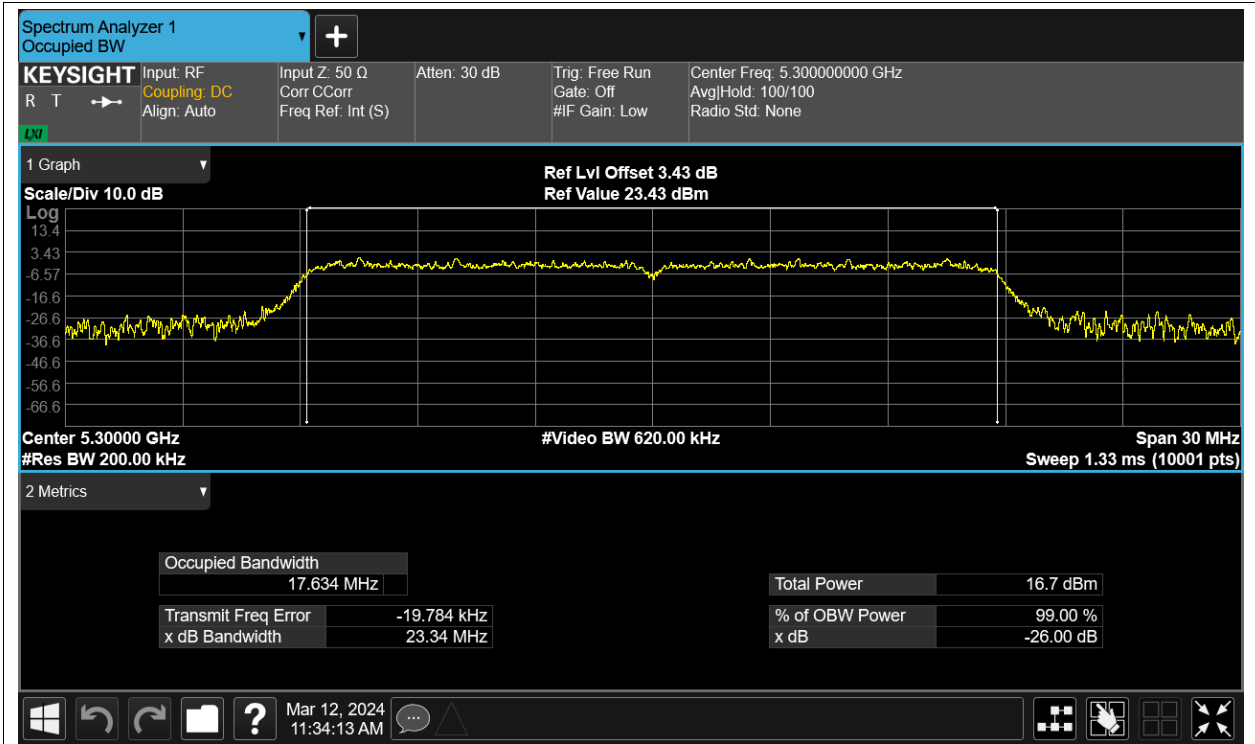




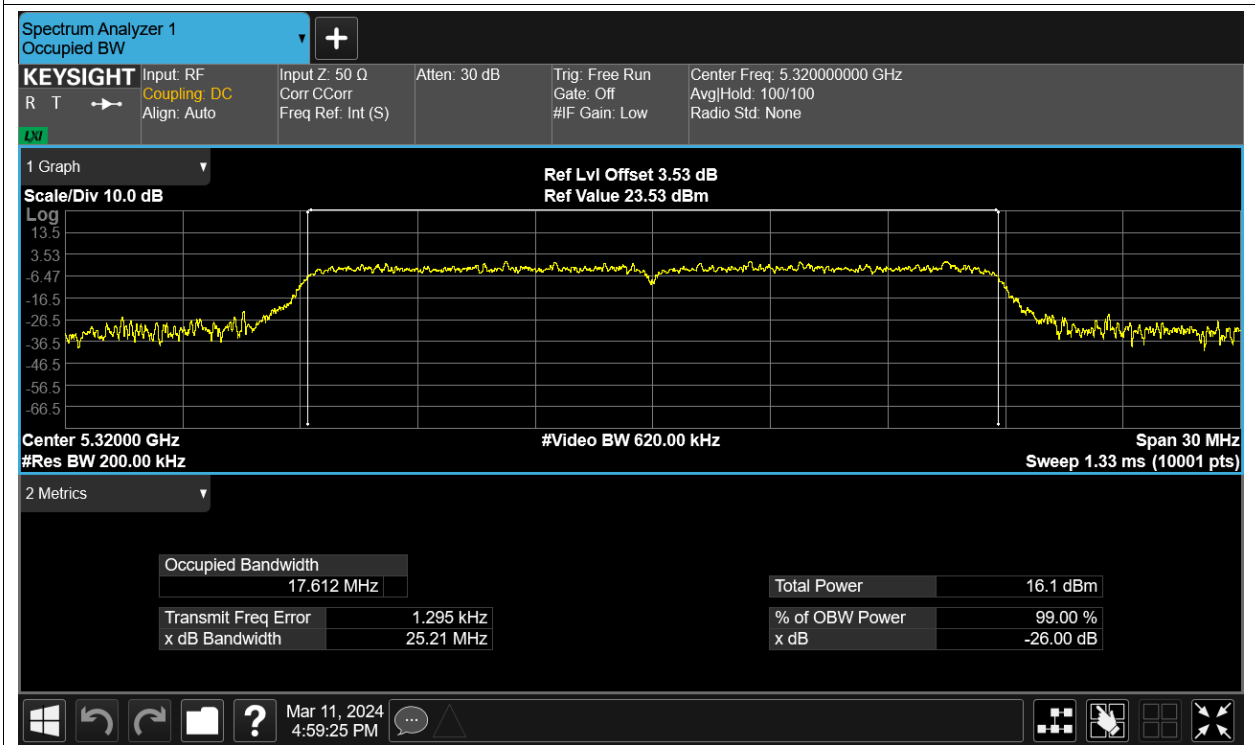
OBW NVNT ac20 5260MHz Ant4



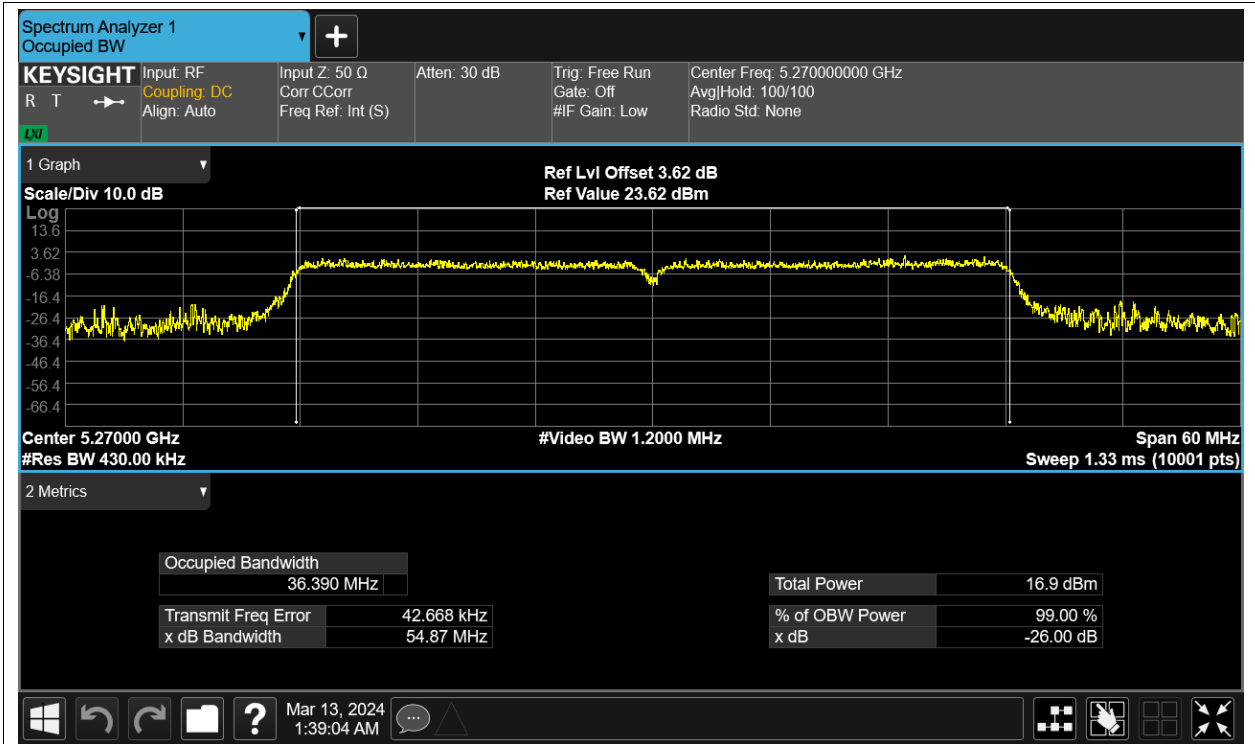
OBW NVNT ac20 5300MHz Ant4



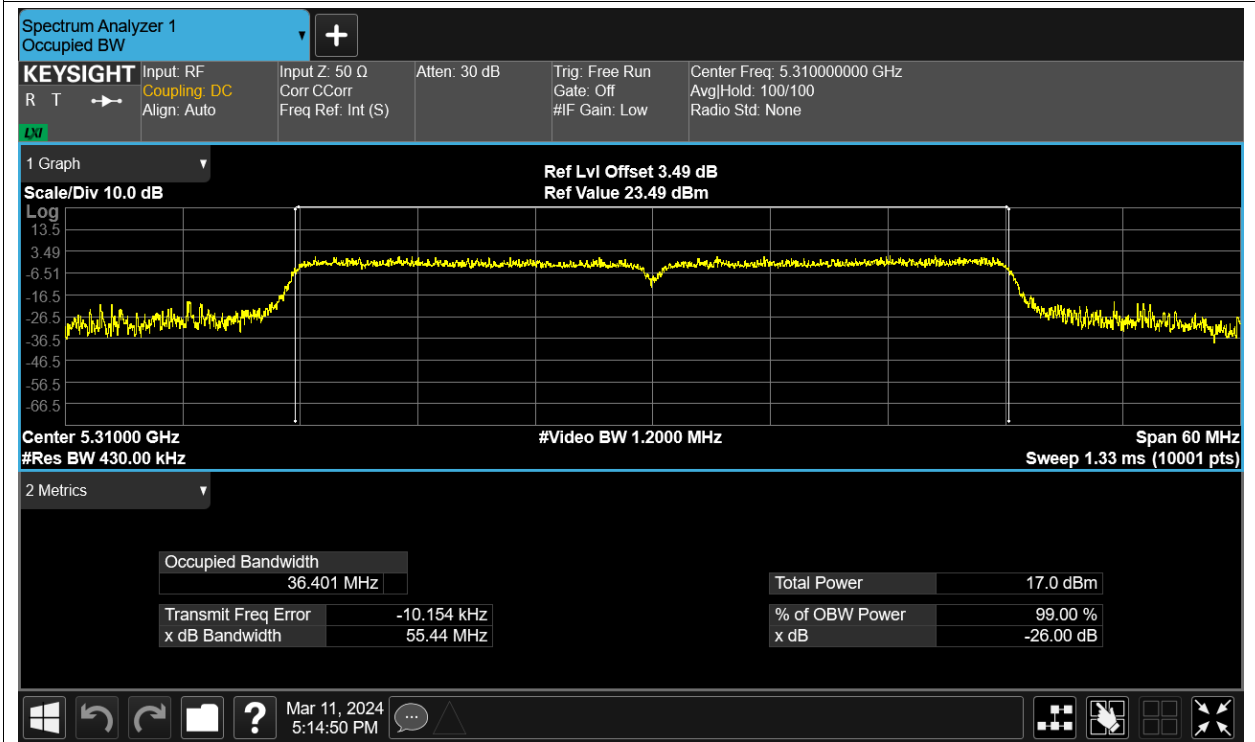
OBW NVNT ac20 5320MHz Ant4



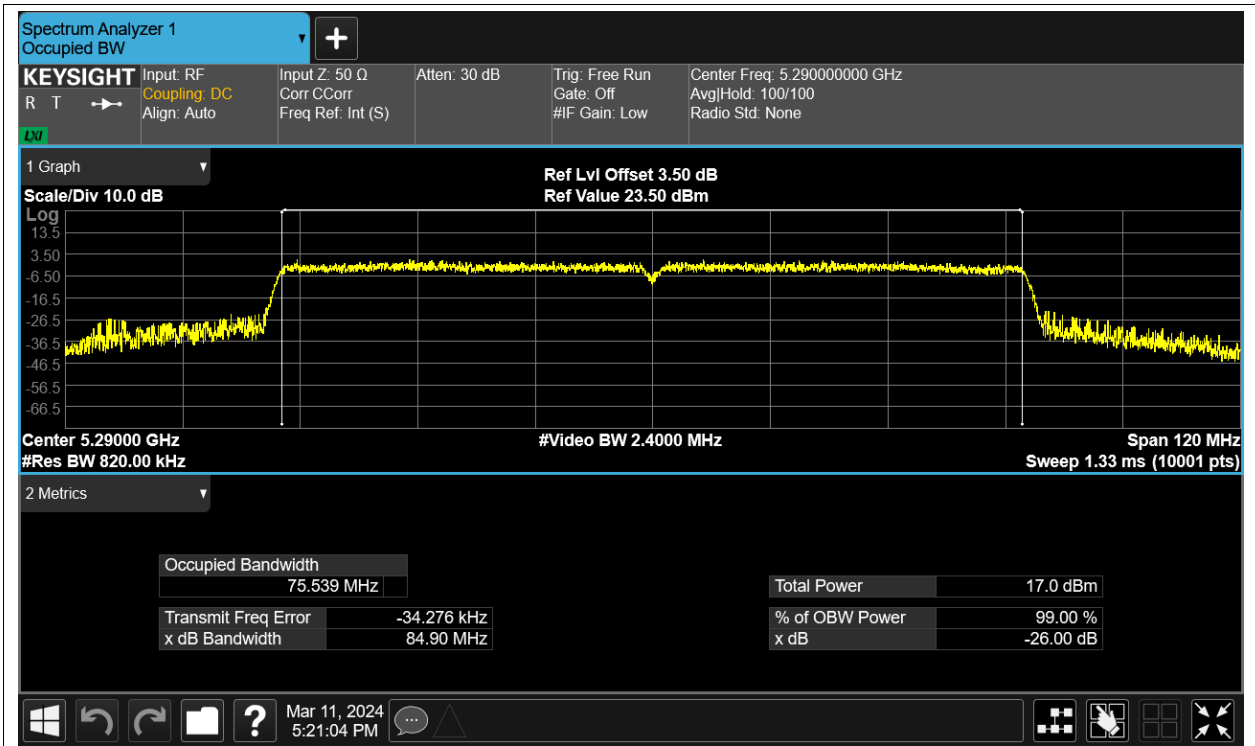
OBW NVNT ac40 5270MHz Ant4



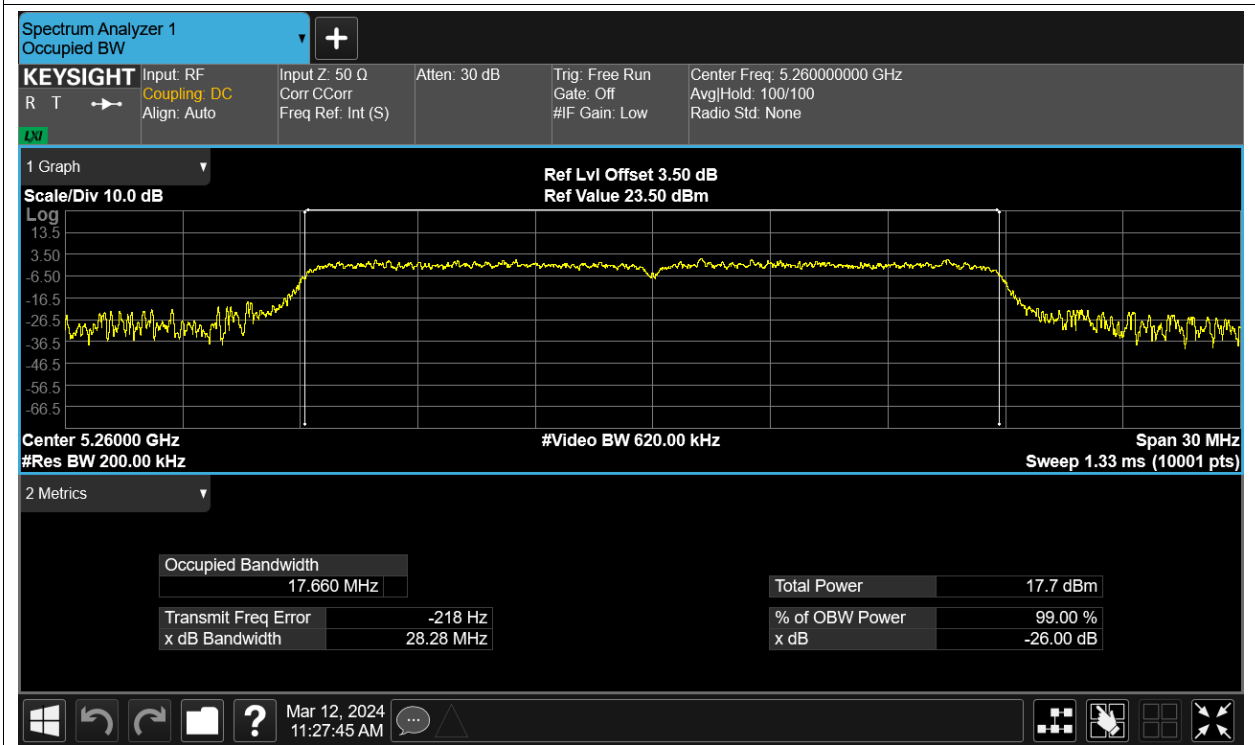
OBW NVNT ac40 5310MHz Ant4



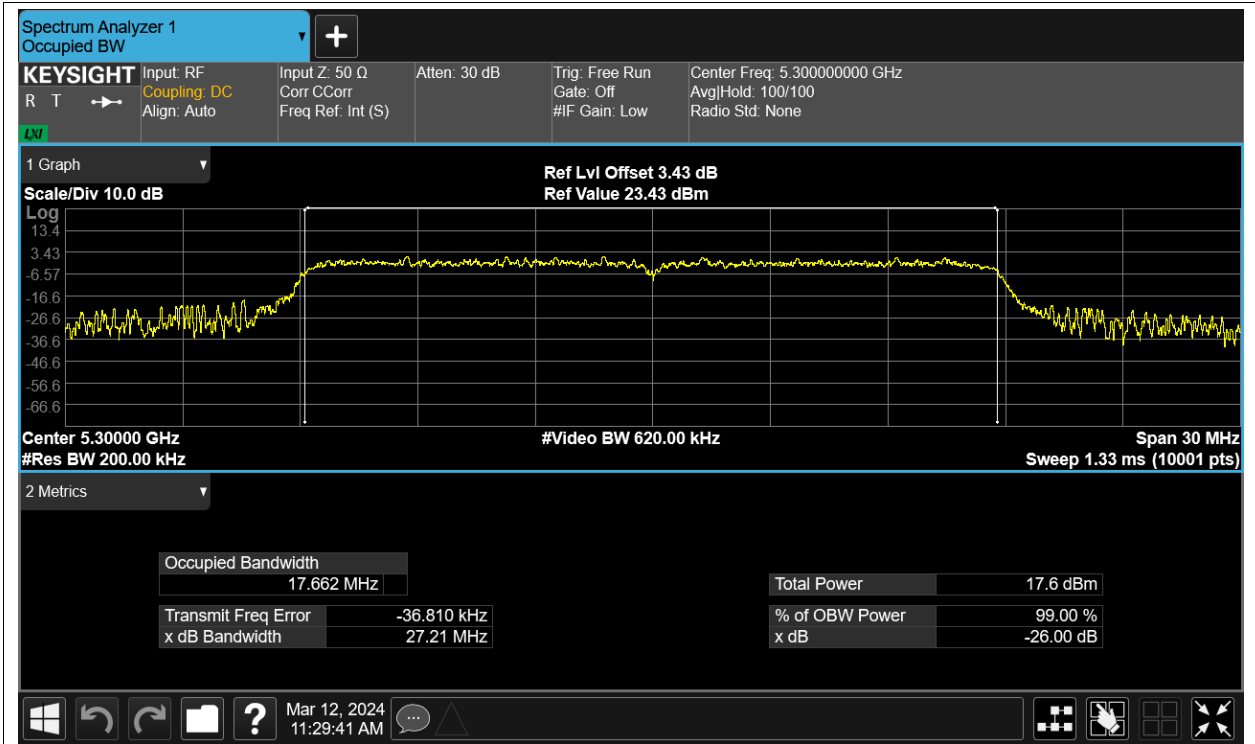
OBW NVNT ac80 5290MHz Ant4



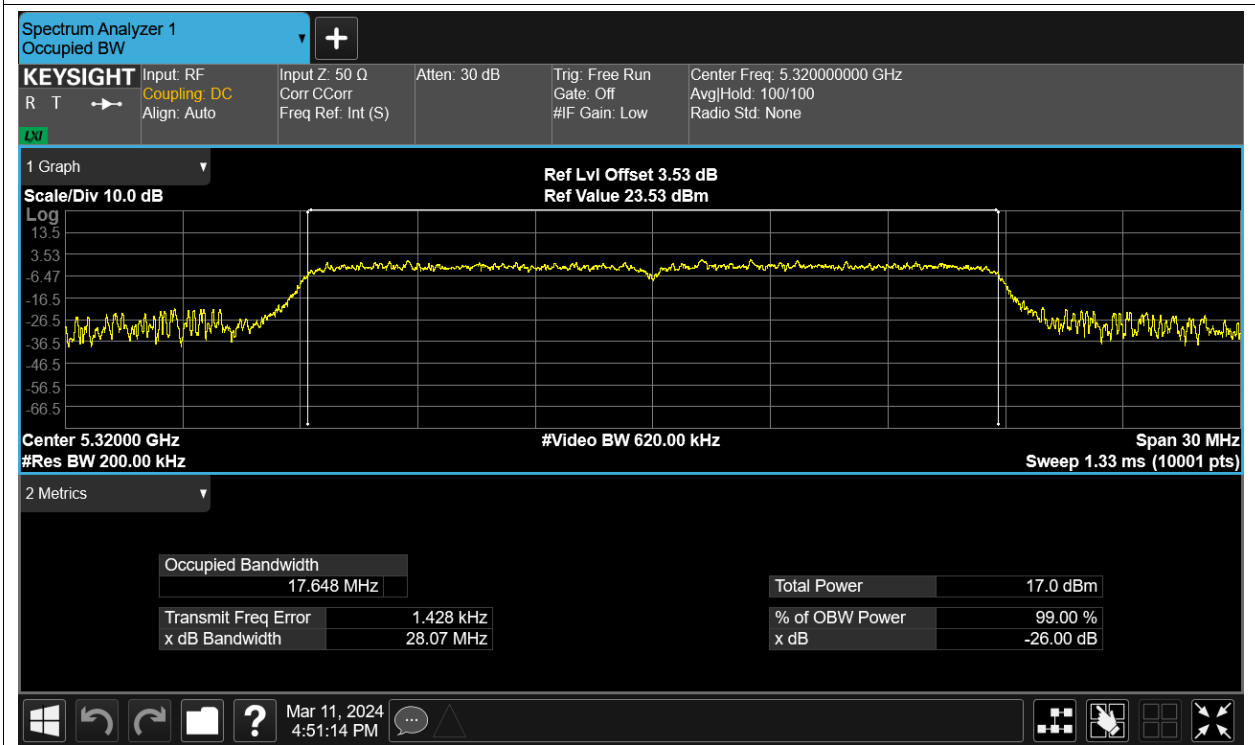
OBW NVNT n20 5260MHz Ant4



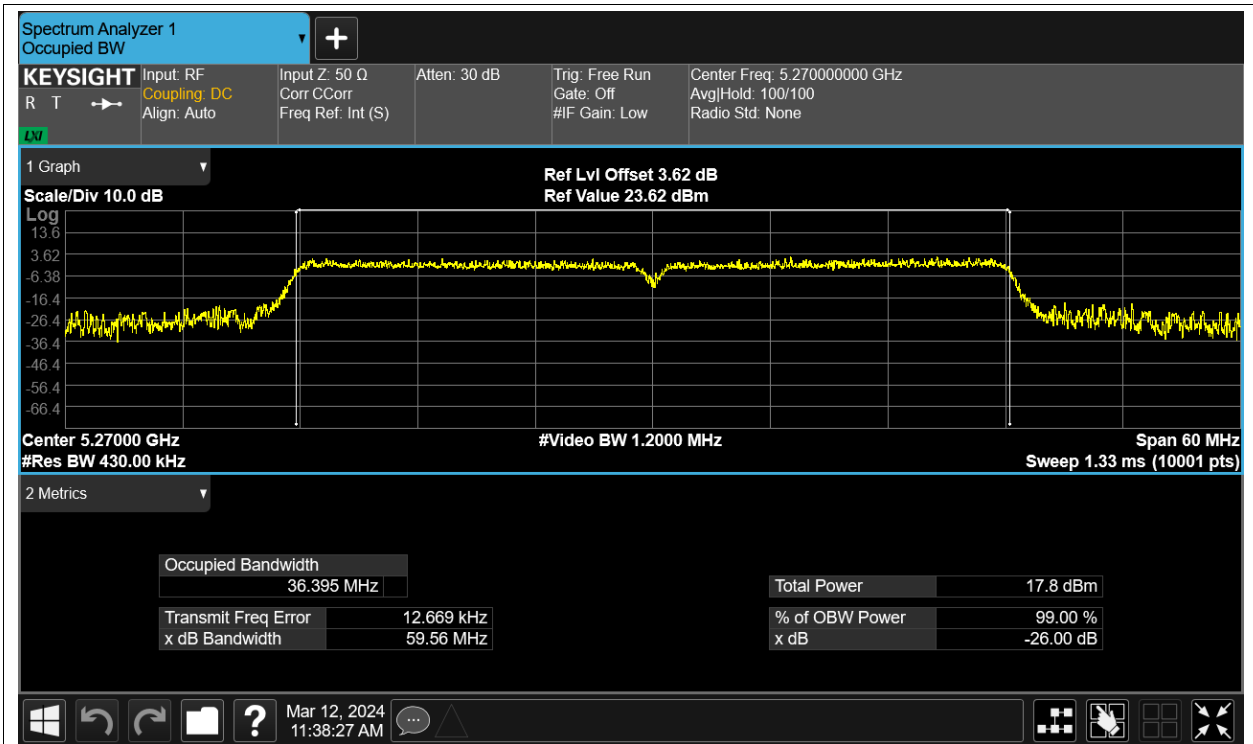
OBW NVNT n20 5300MHz Ant4



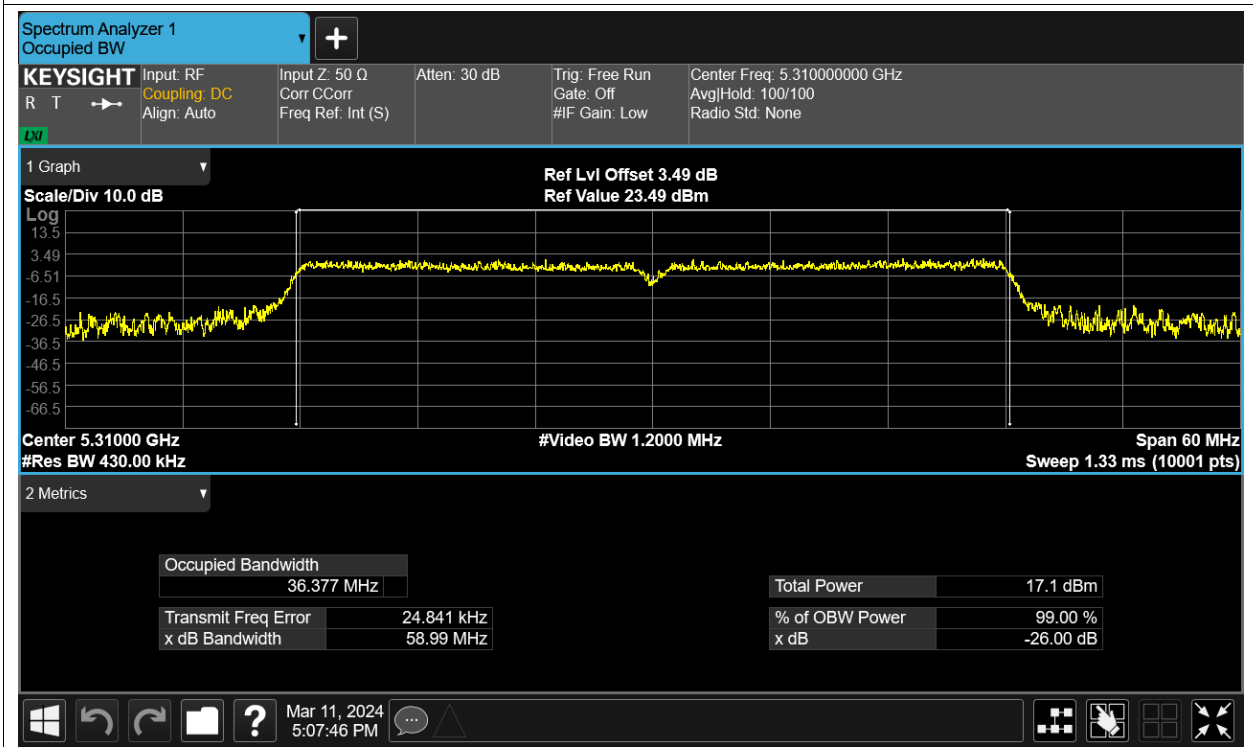
OBW NVNT n20 5320MHz Ant4



OBW NVNT n40 5270MHz Ant4



OBW NVNT n40 5310MHz Ant4

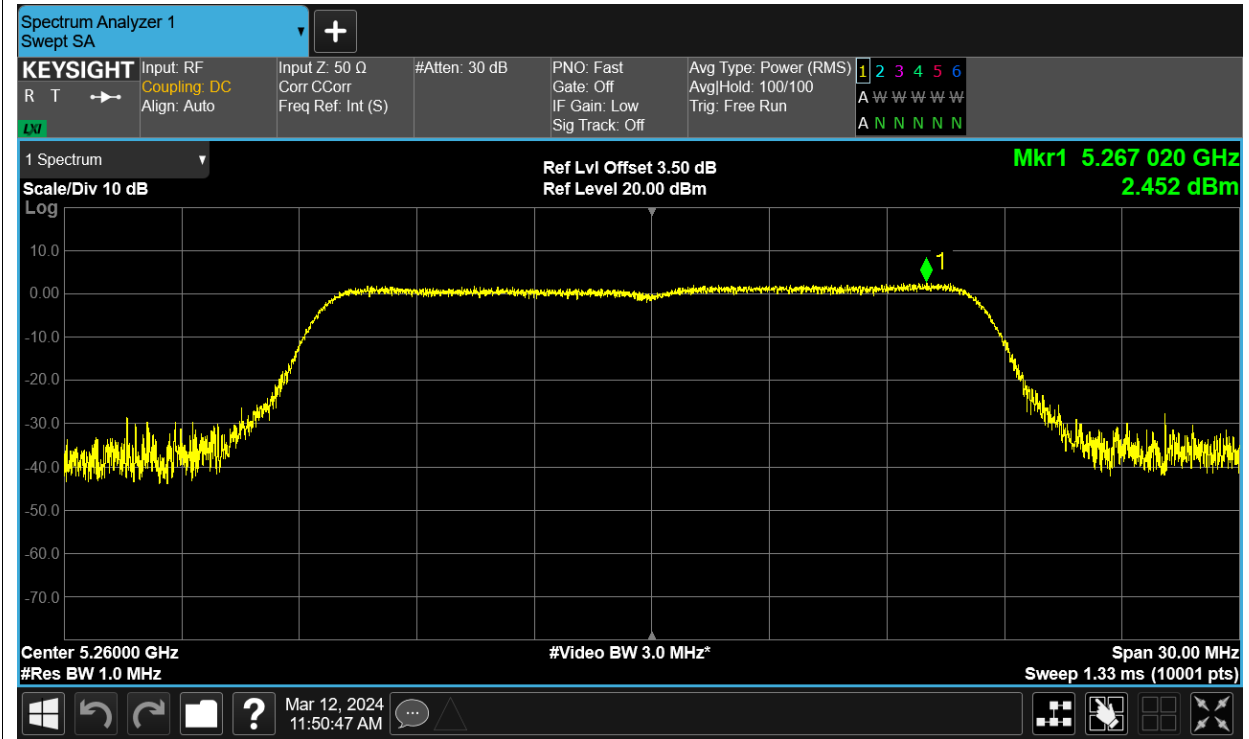


Maximum Power Spectral Density Level

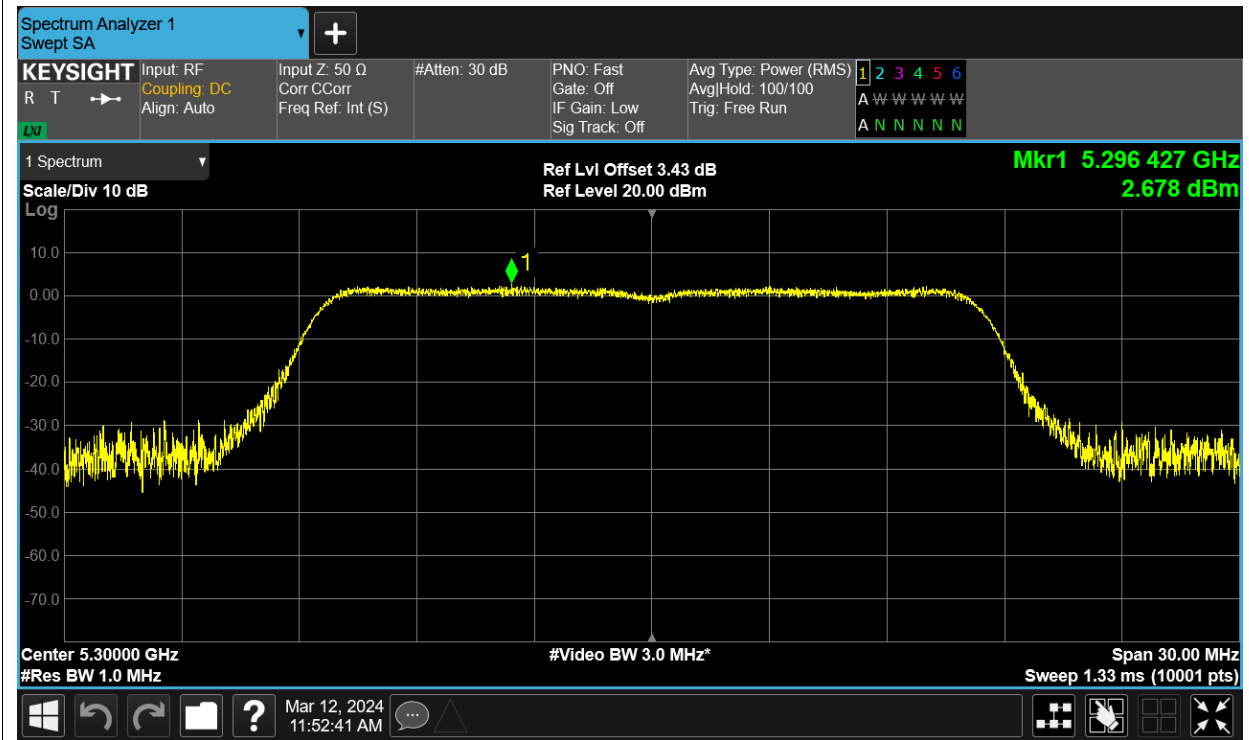
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant4	2.452	11	Pass
NVNT	a	5300	Ant4	2.678	11	Pass
NVNT	a	5320	Ant4	0.587	11	Pass
NVNT	ac20	5260	Ant4	0.017	11	Pass
NVNT	ac20	5300	Ant4	0.313	11	Pass
NVNT	ac20	5320	Ant4	-0.592	11	Pass
NVNT	ac40	5270	Ant4	-2.611	11	Pass
NVNT	ac40	5310	Ant4	-3.151	11	Pass
NVNT	ac80	5290	Ant4	-7.483	11	Pass
NVNT	n20	5260	Ant4	1.021	11	Pass
NVNT	n20	5300	Ant4	0.818	11	Pass
NVNT	n20	5320	Ant4	0.279	11	Pass
NVNT	n40	5270	Ant4	-2.106	11	Pass
NVNT	n40	5310	Ant4	-2.73	11	Pass

Test Graphs

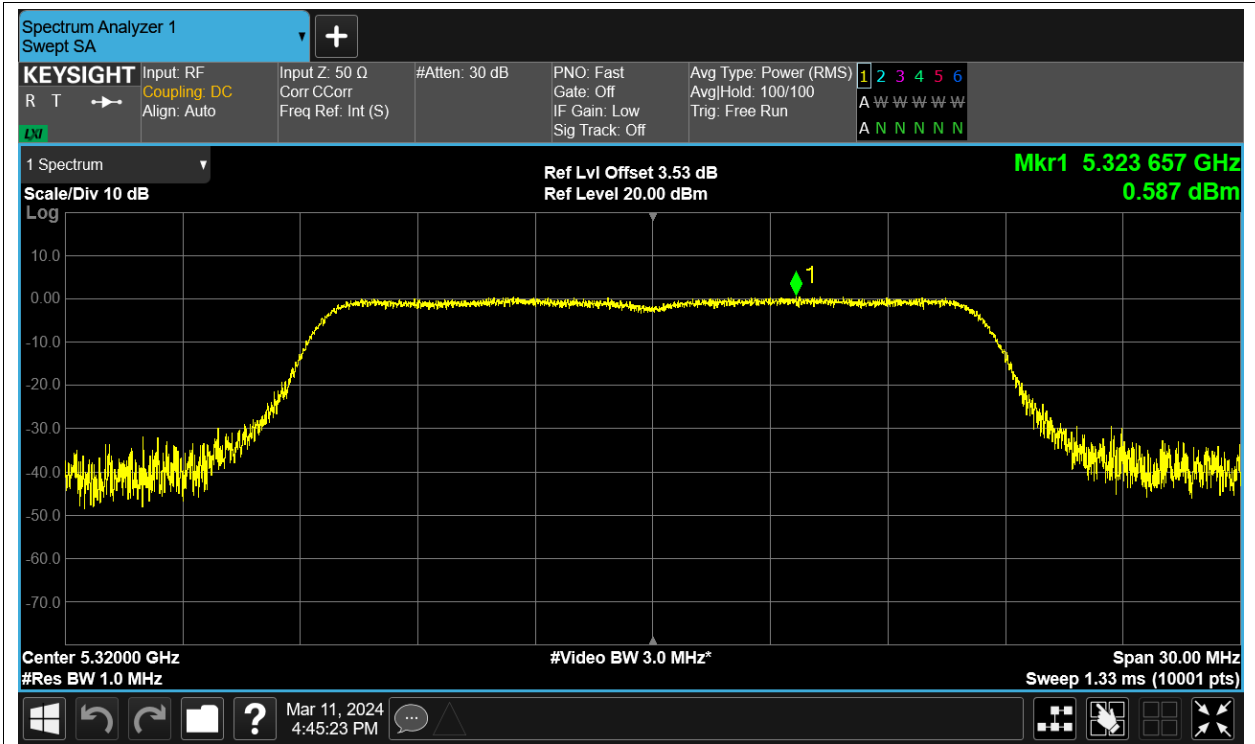
PSD NVNT a 5260MHz Ant4



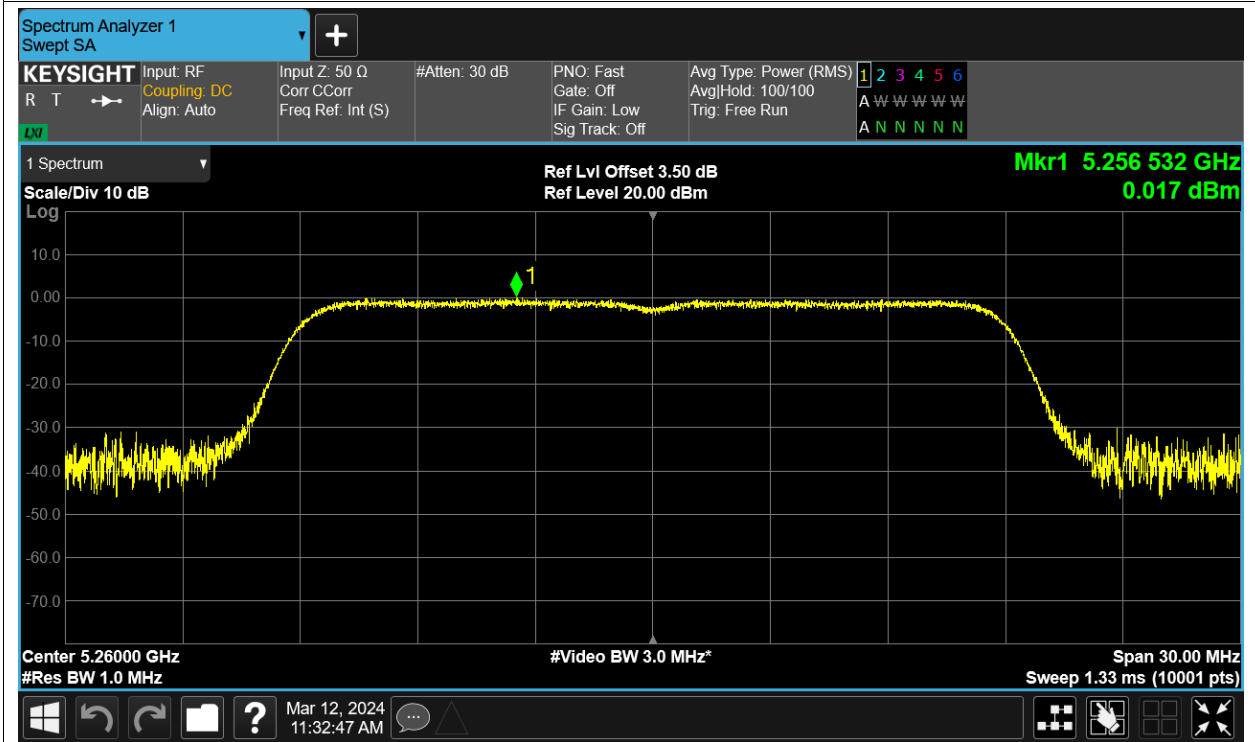
PSD NVNT a 5300MHz Ant4



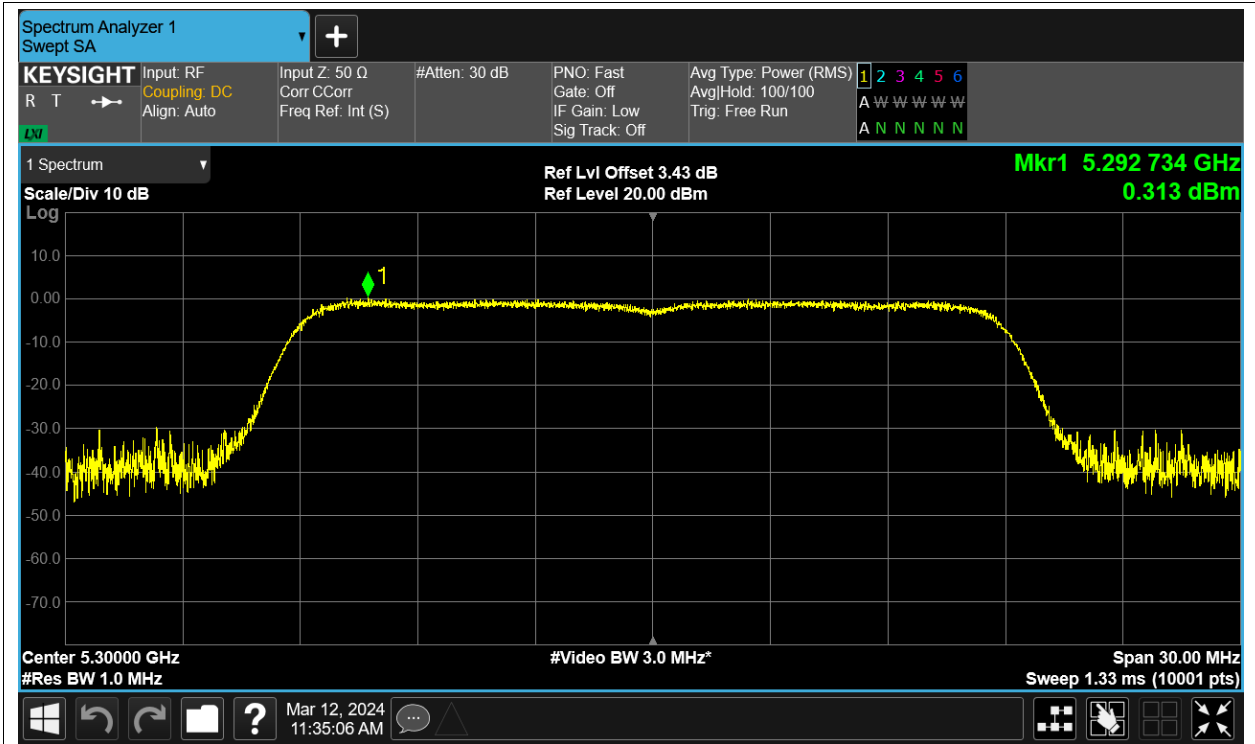
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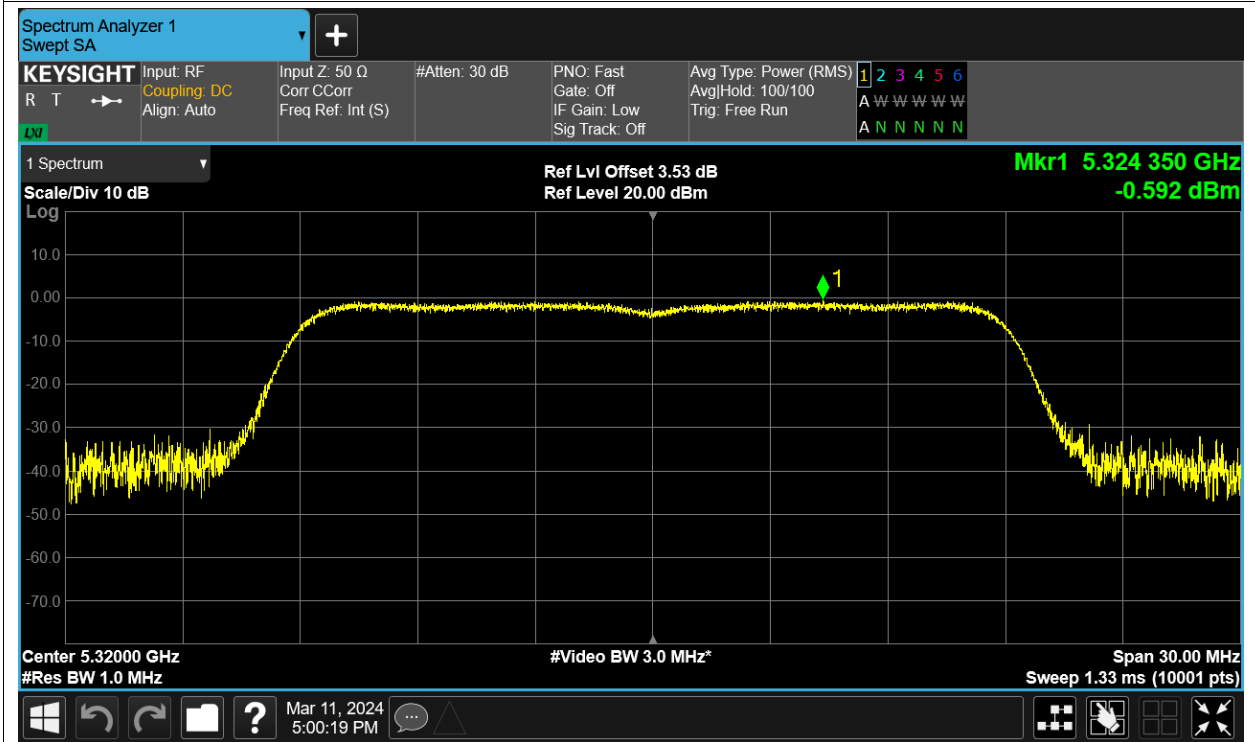
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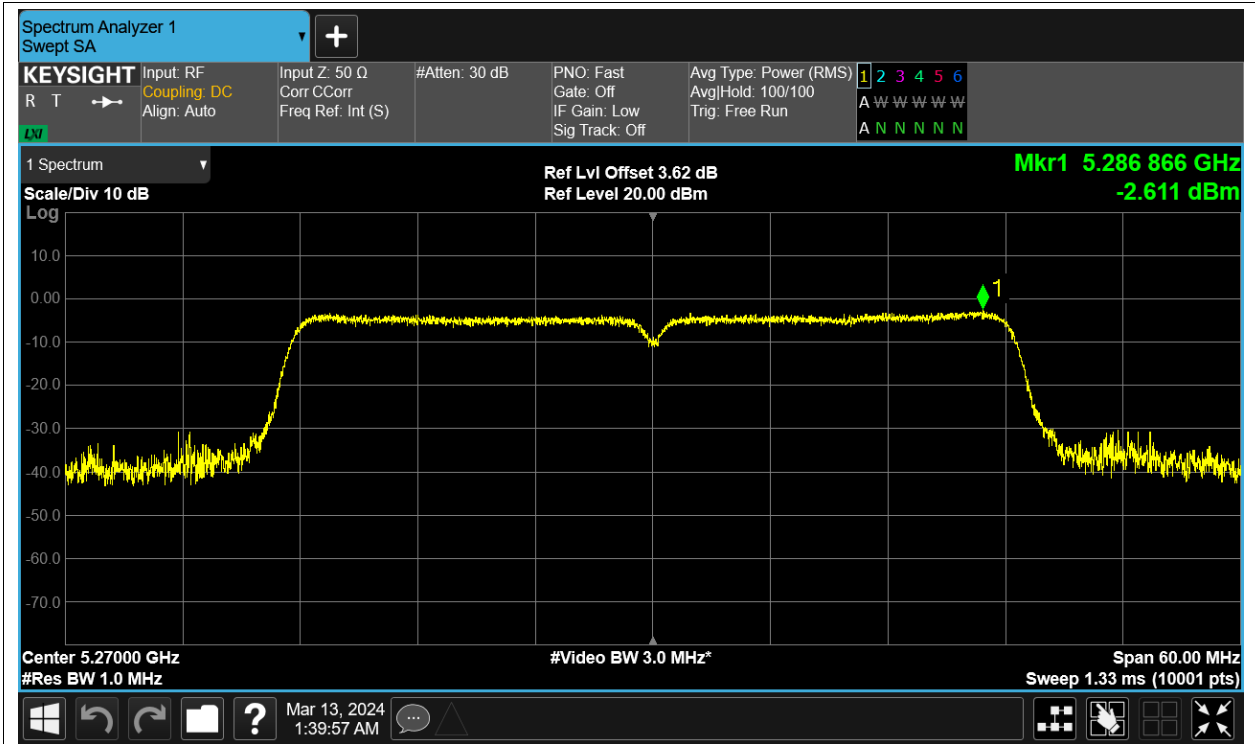
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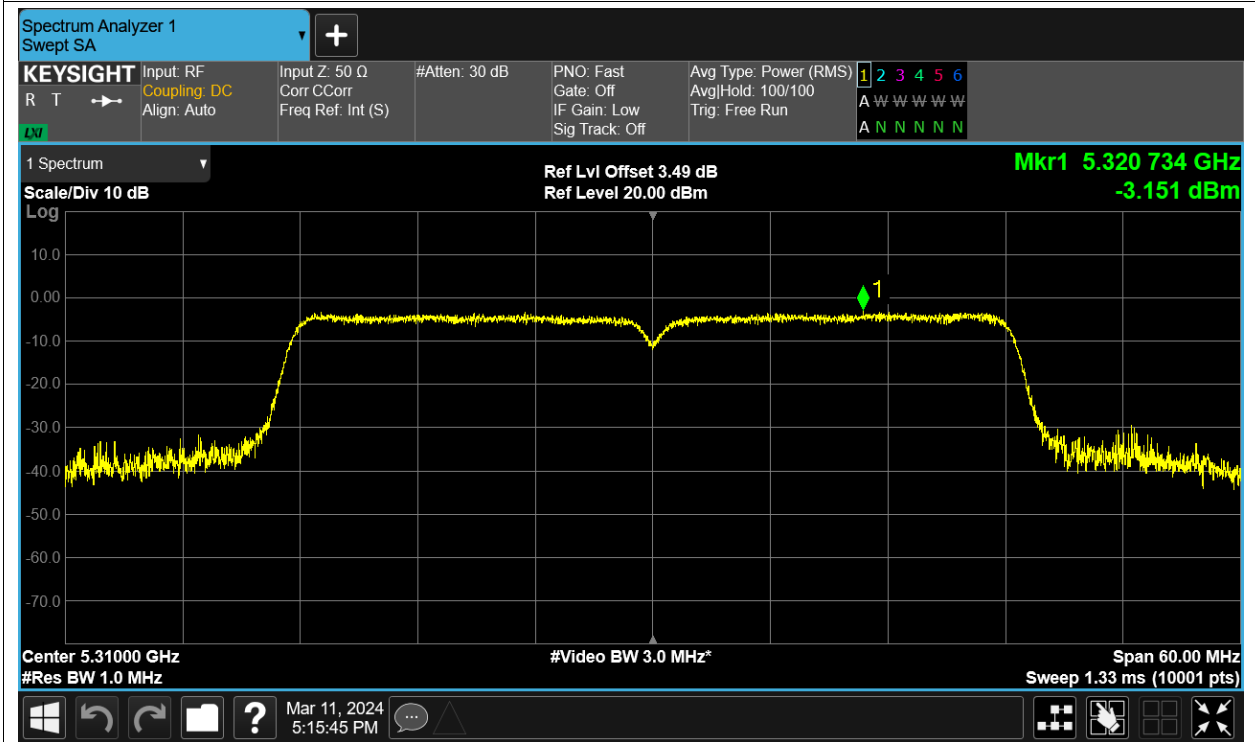
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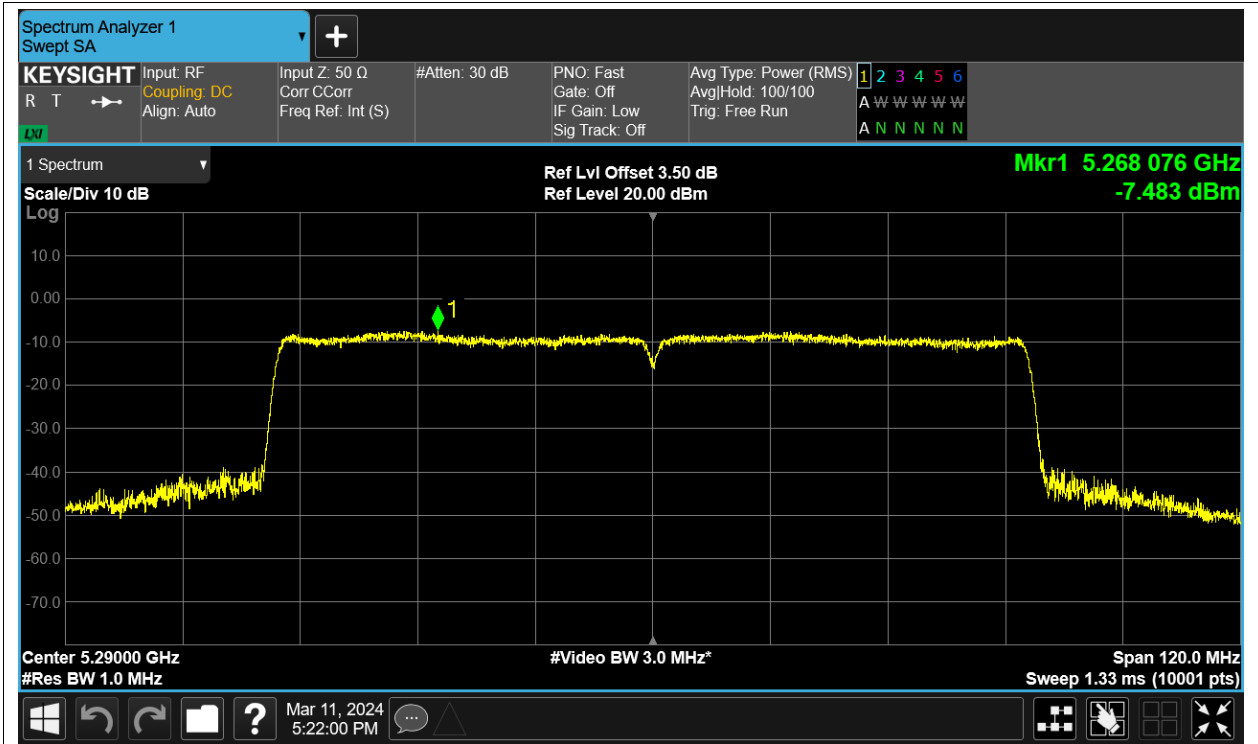
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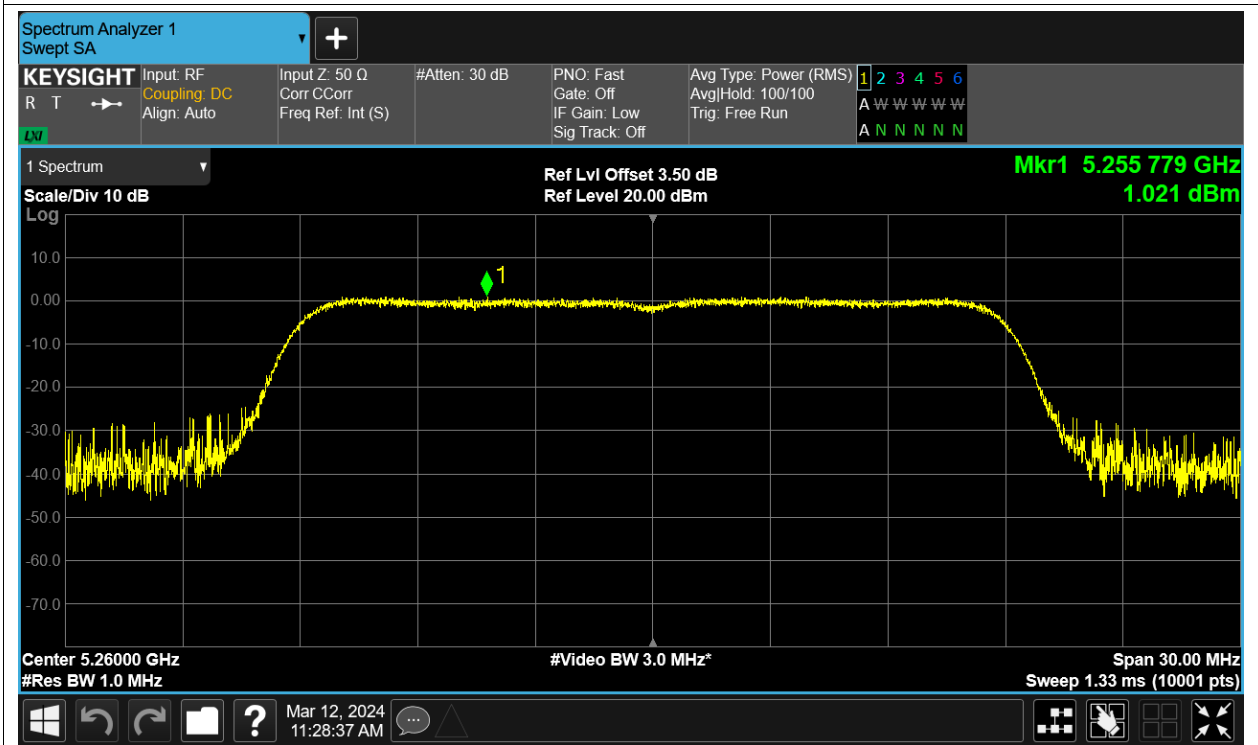
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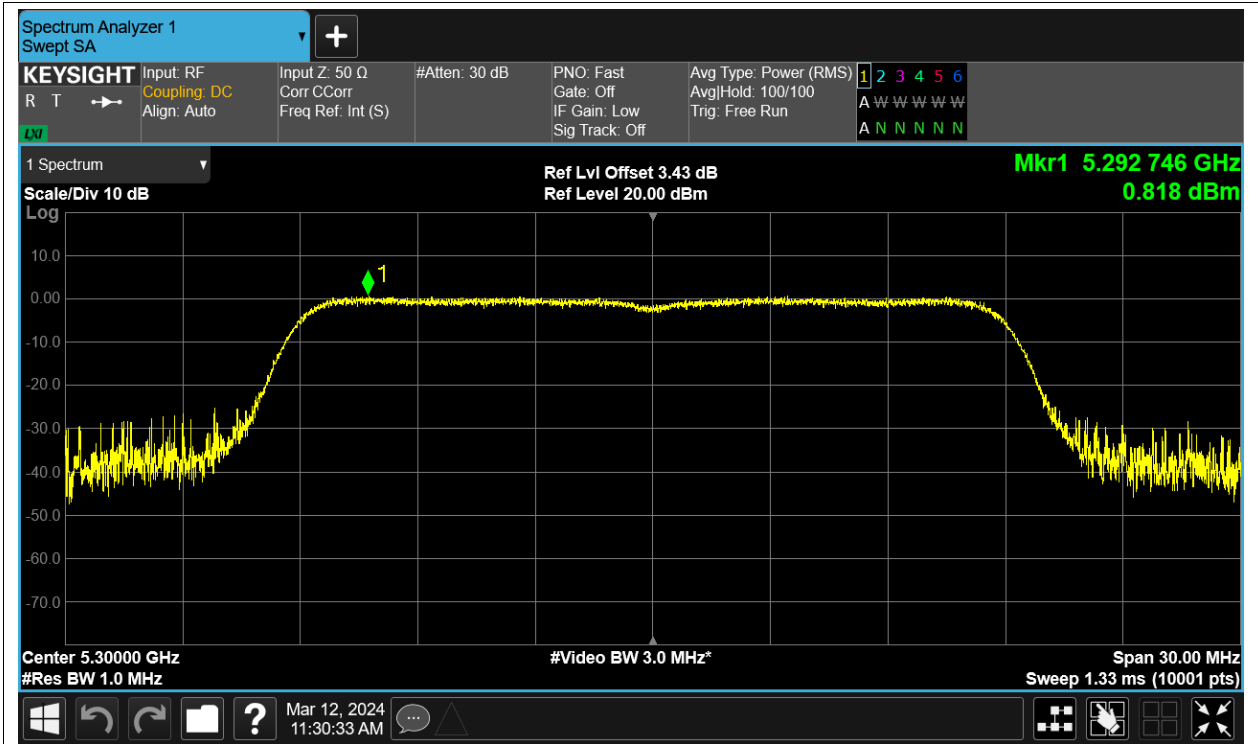
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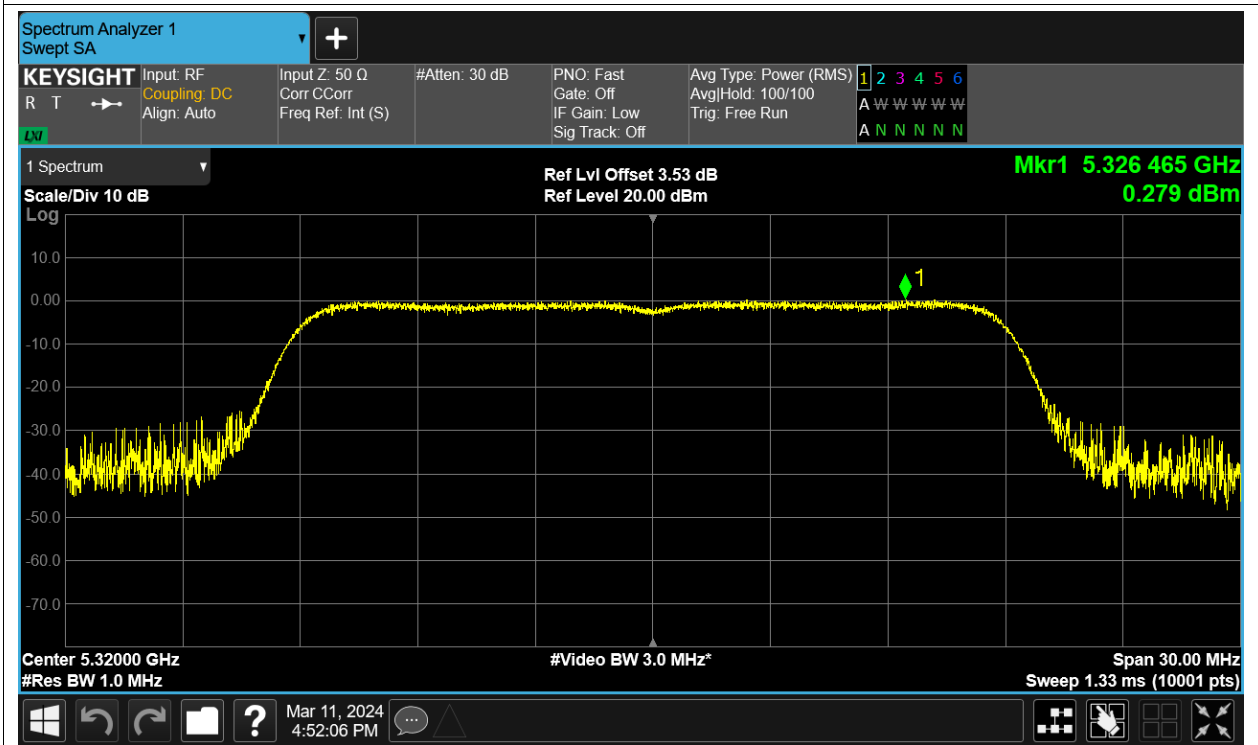
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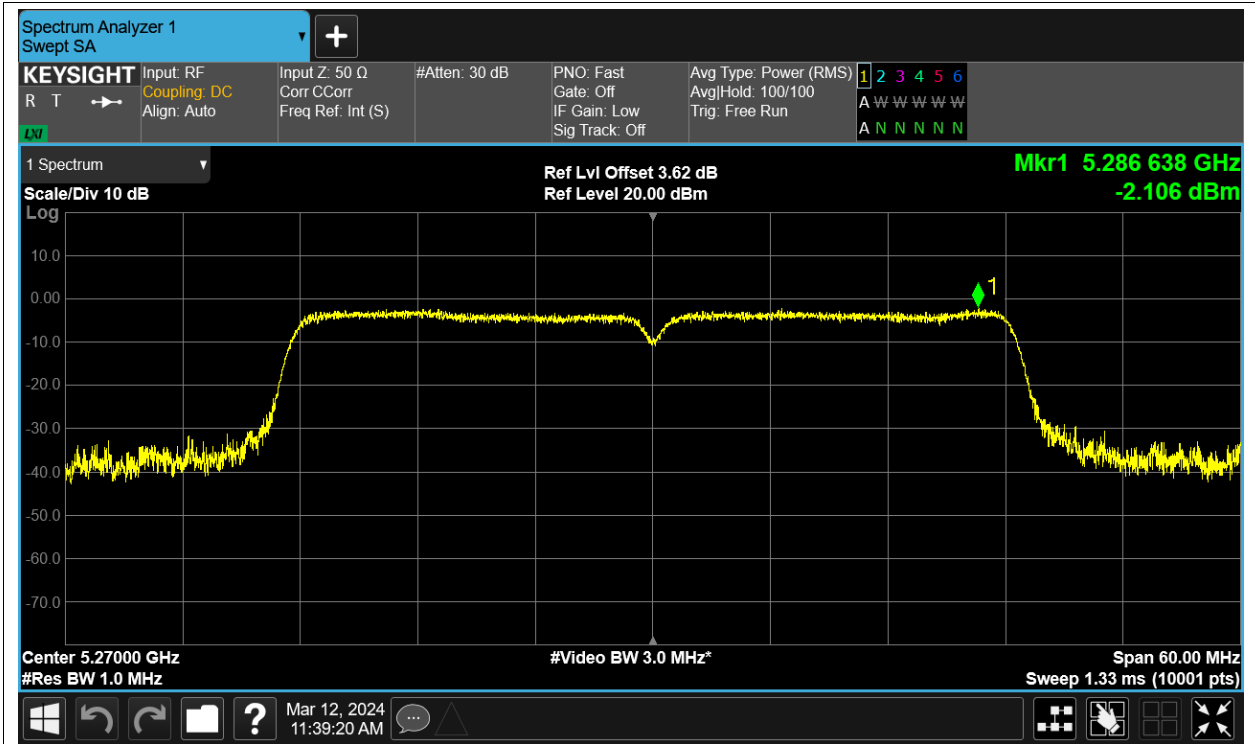
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PSD NVNT n20 5320MHz Ant4



PSD NVNT n40 5270MHz Ant4



PSD NVNT n40 5310MHz Ant4

