

Test Data

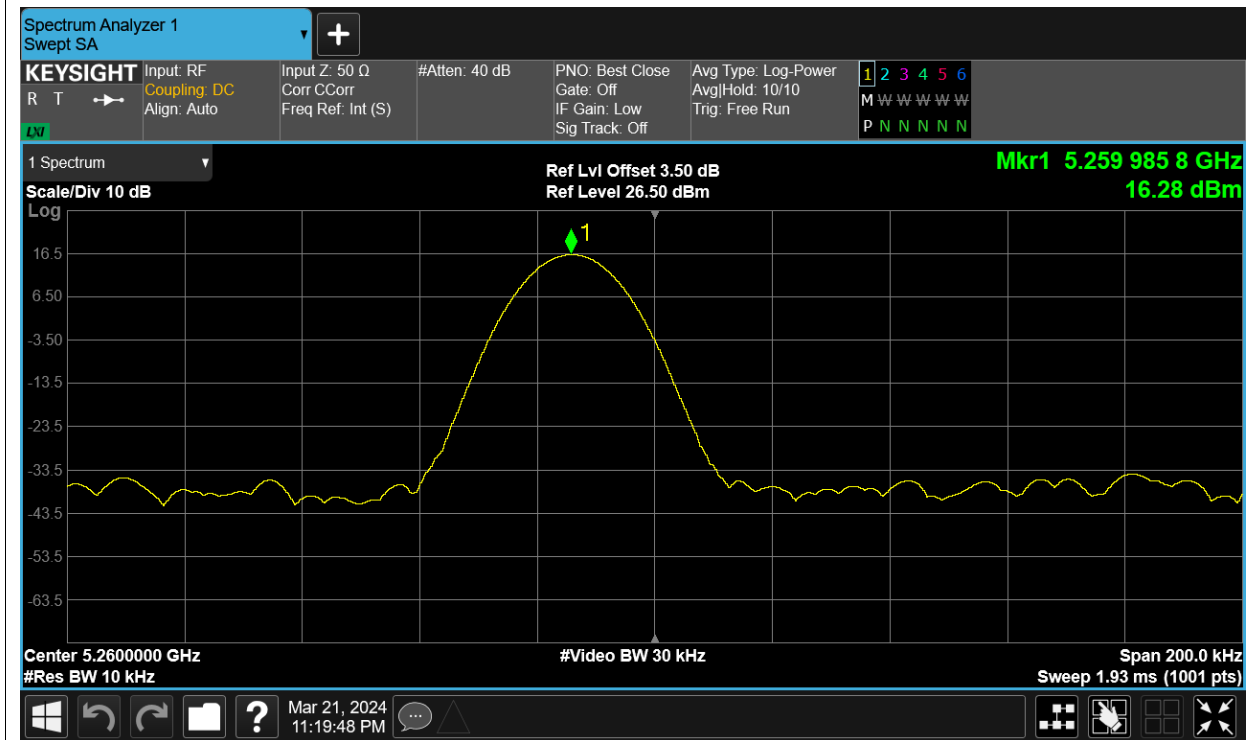
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant4	5259.9858	-2.7	Within authorized band	Pass
LVNT	a	5260	Ant4	5259.9858	-2.7		Pass
NVHT	a	5260	Ant4	5259.986	-2.66		Pass
NVLT	a	5260	Ant4	5259.9866	-2.55		Pass
NVNT	a	5260	Ant4	5259.9874	-2.4		Pass
HVNT	ac80	5290	Ant4	5289.9854	-2.76		Pass
LVNT	ac80	5290	Ant4	5289.9854	-2.76		Pass
NVHT	ac80	5290	Ant4	5289.9856	-2.72		Pass
NVLT	ac80	5290	Ant4	5289.9856	-2.72		Pass
NVNT	ac80	5290	Ant4	5289.9858	-2.68		Pass
HVNT	n40	5270	Ant4	5269.9844	-2.96		Pass
LVNT	n40	5270	Ant4	5269.9844	-2.96		Pass
NVHT	n40	5270	Ant4	5269.9844	-2.96		Pass
NVLT	n40	5270	Ant4	5269.9842	-3		Pass
NVNT	n40	5270	Ant4	5269.9852	-2.81		Pass

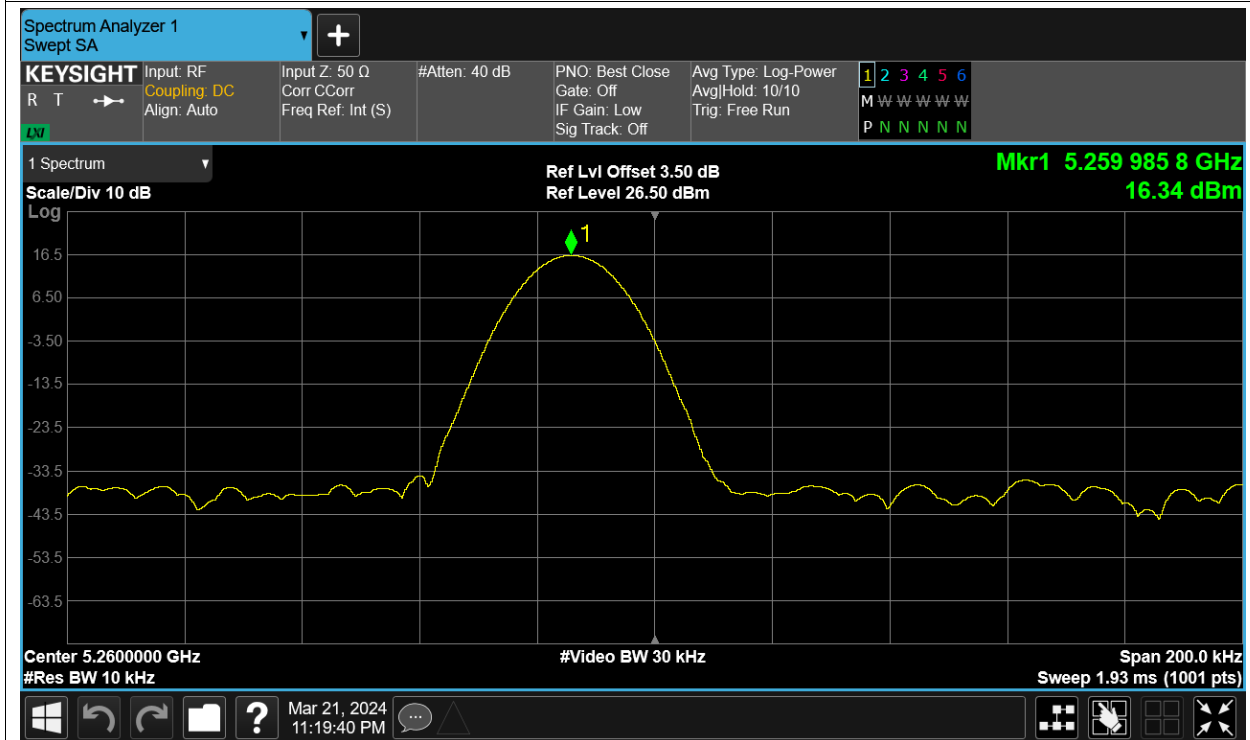
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

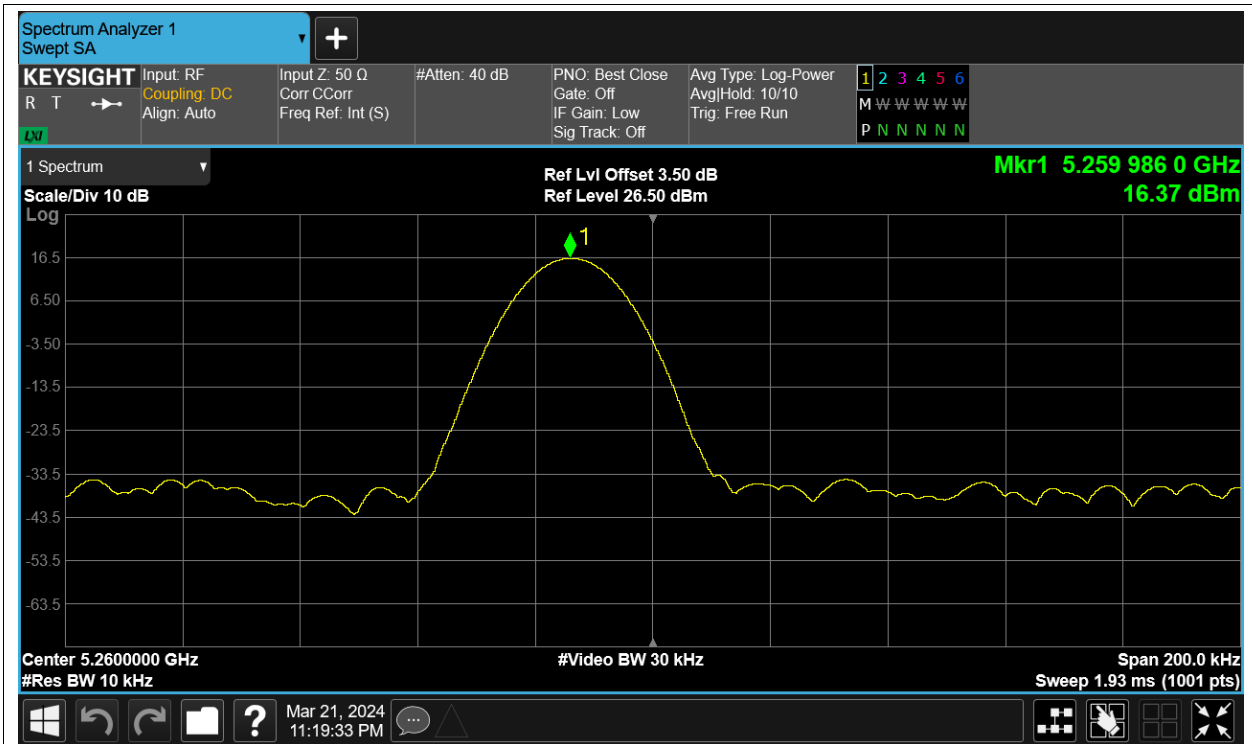
Freq. Stability HVNT a 5260MHz Ant4



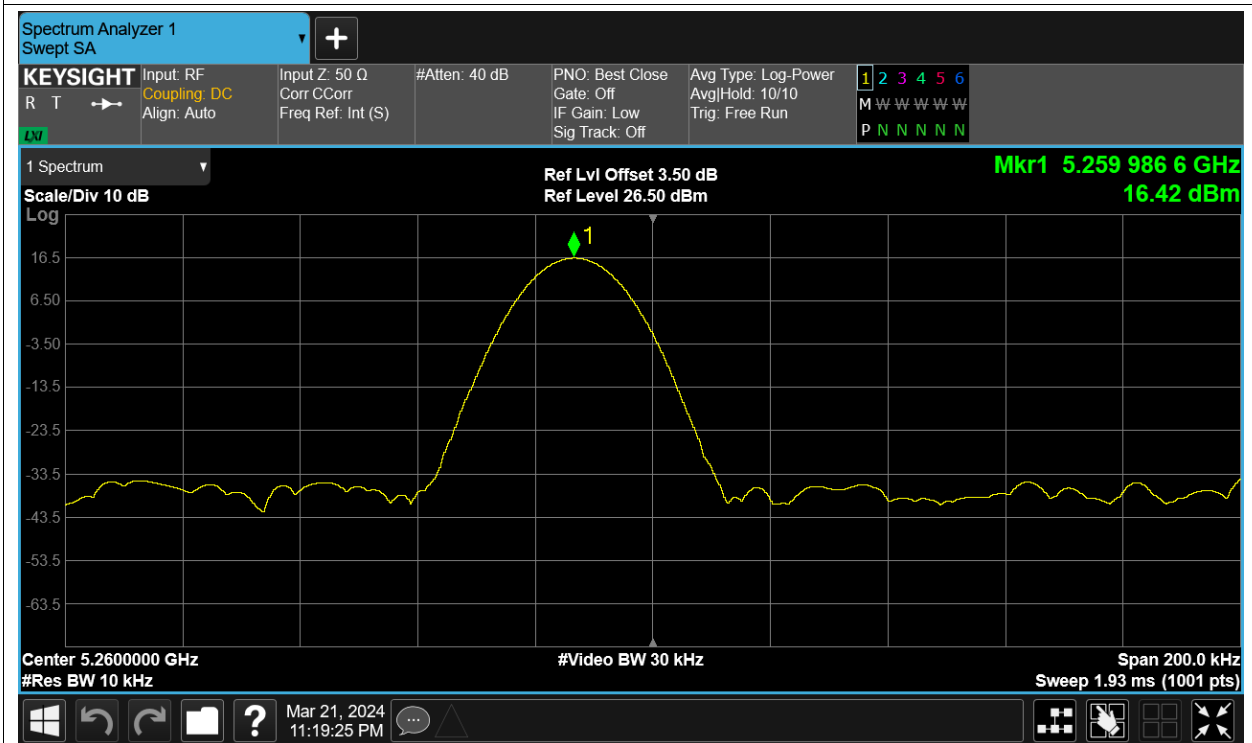
Freq. Stability LVNT a 5260MHz Ant4



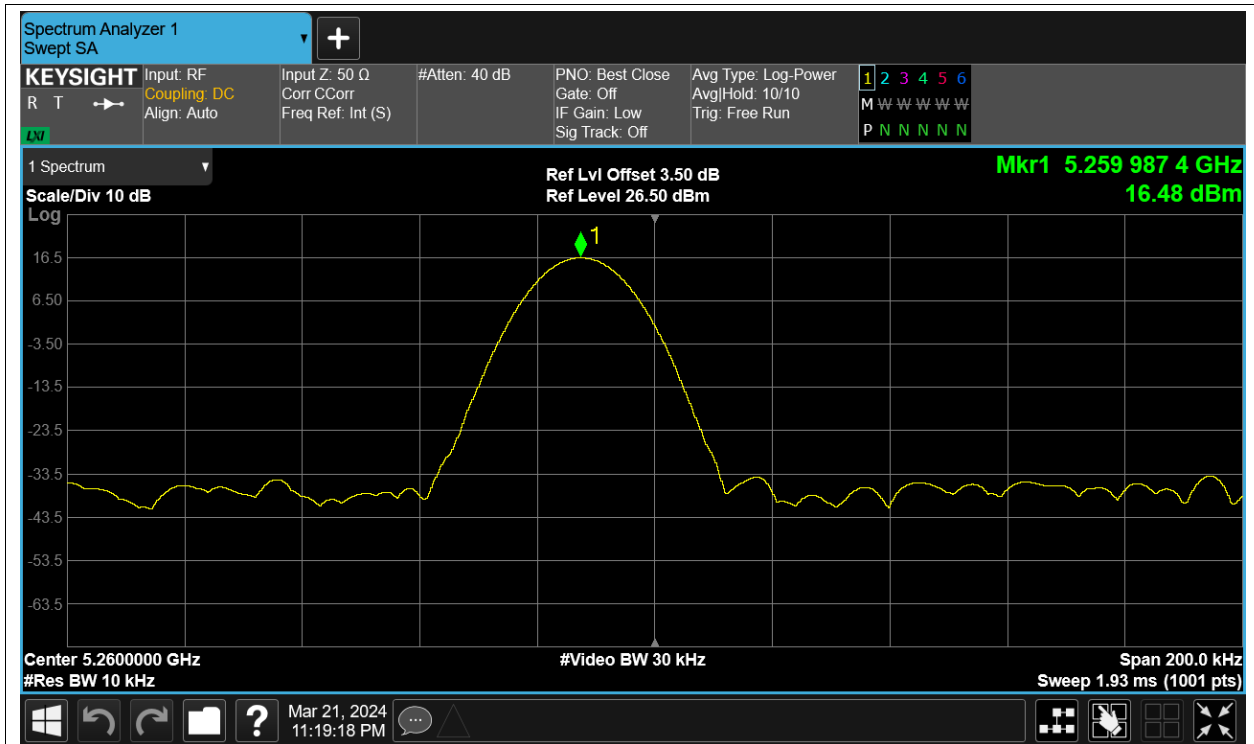
Freq. Stability NVHT a 5260MHz Ant4



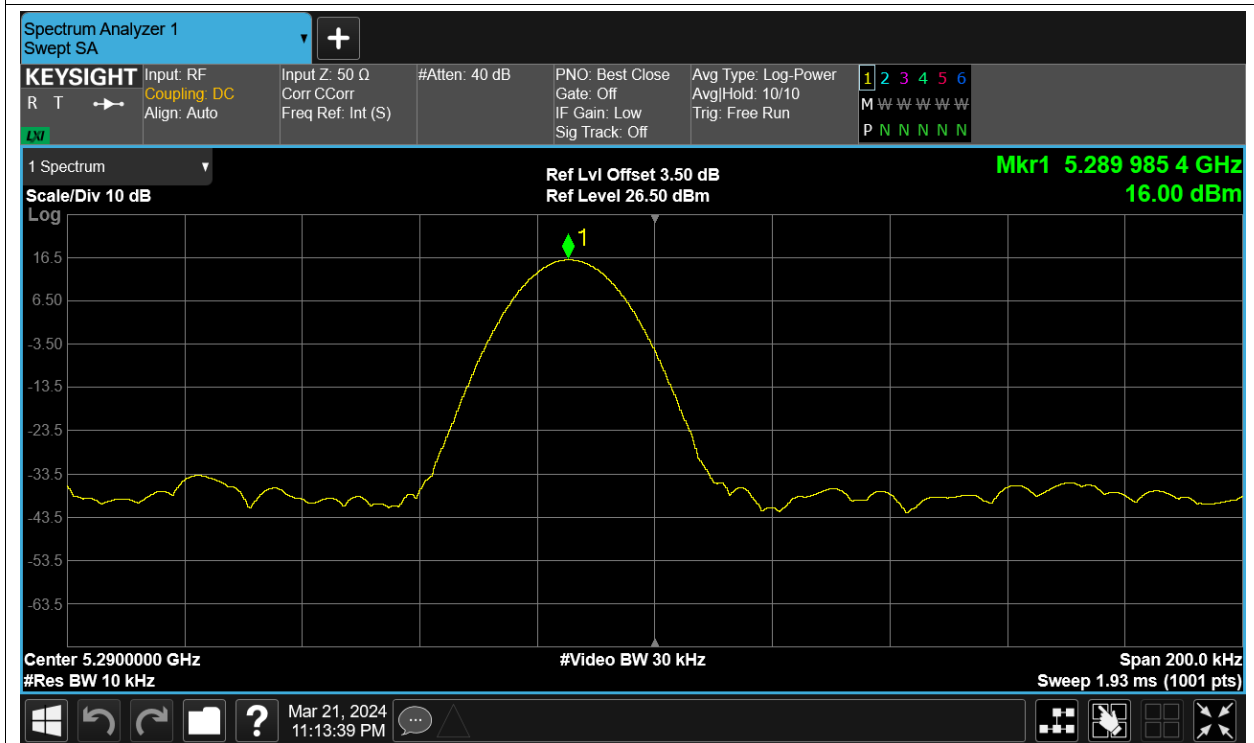
Freq. Stability NVLT a 5260MHz Ant4



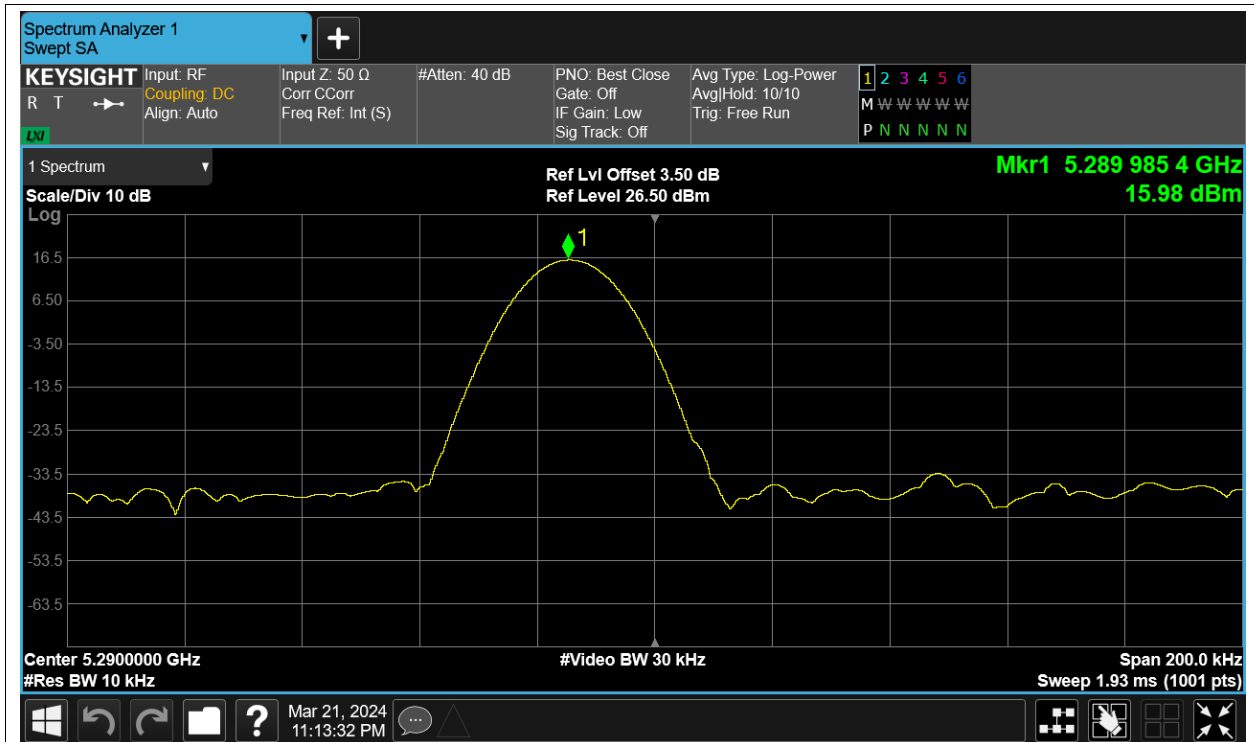
Freq. Stability NVNT a 5260MHz Ant4



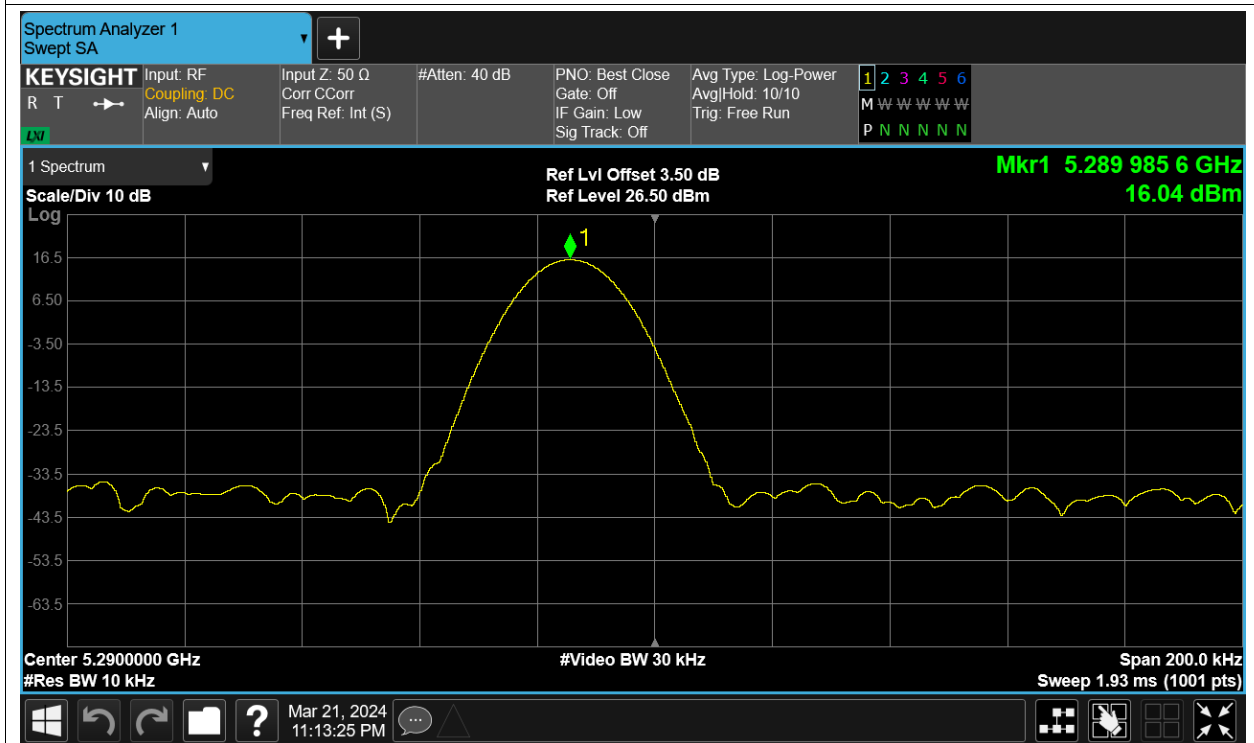
Freq. Stability HVNT ac80 5290MHz Ant4



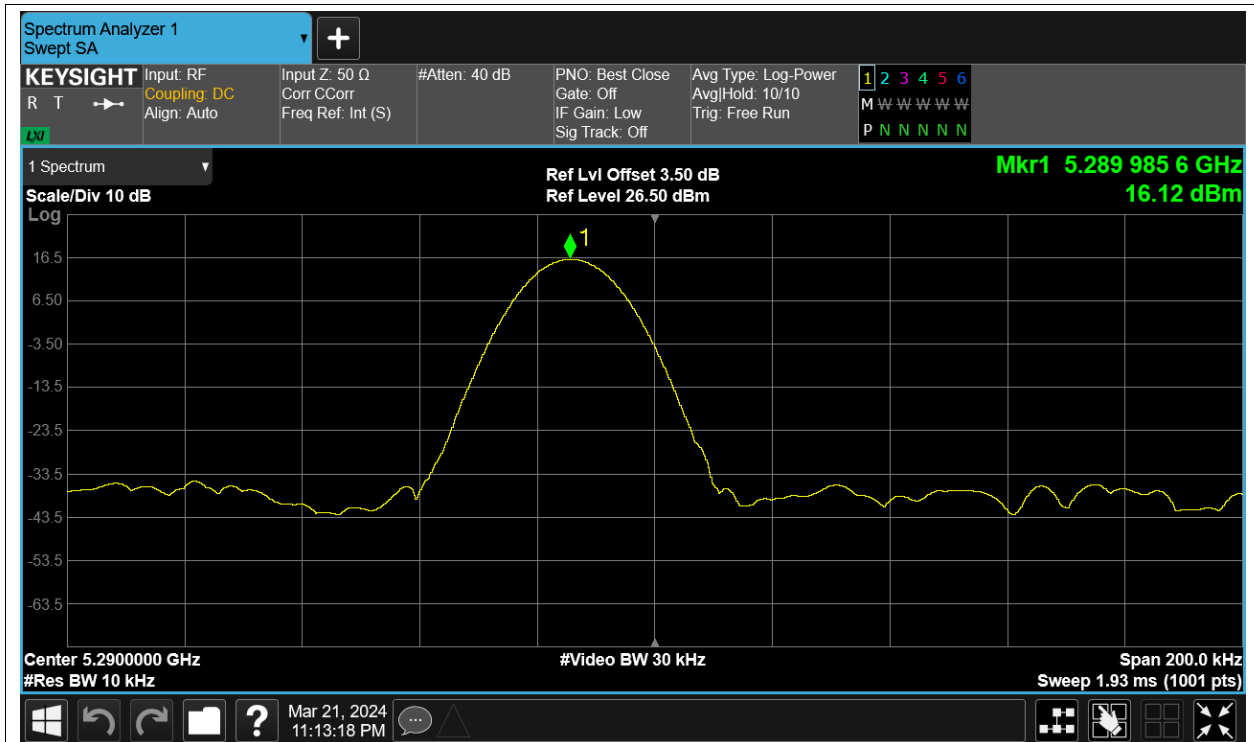
Freq. Stability LVNT ac80 5290MHz Ant4



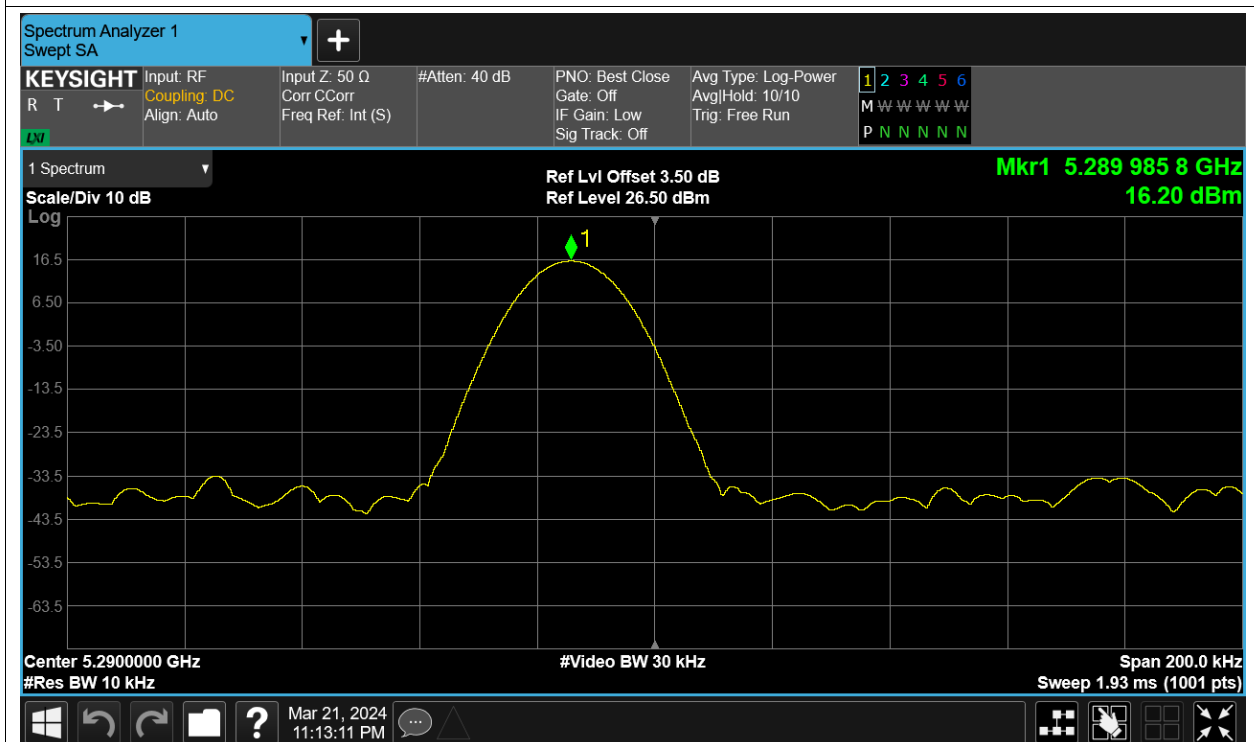
Freq. Stability NVHT ac80 5290MHz Ant4



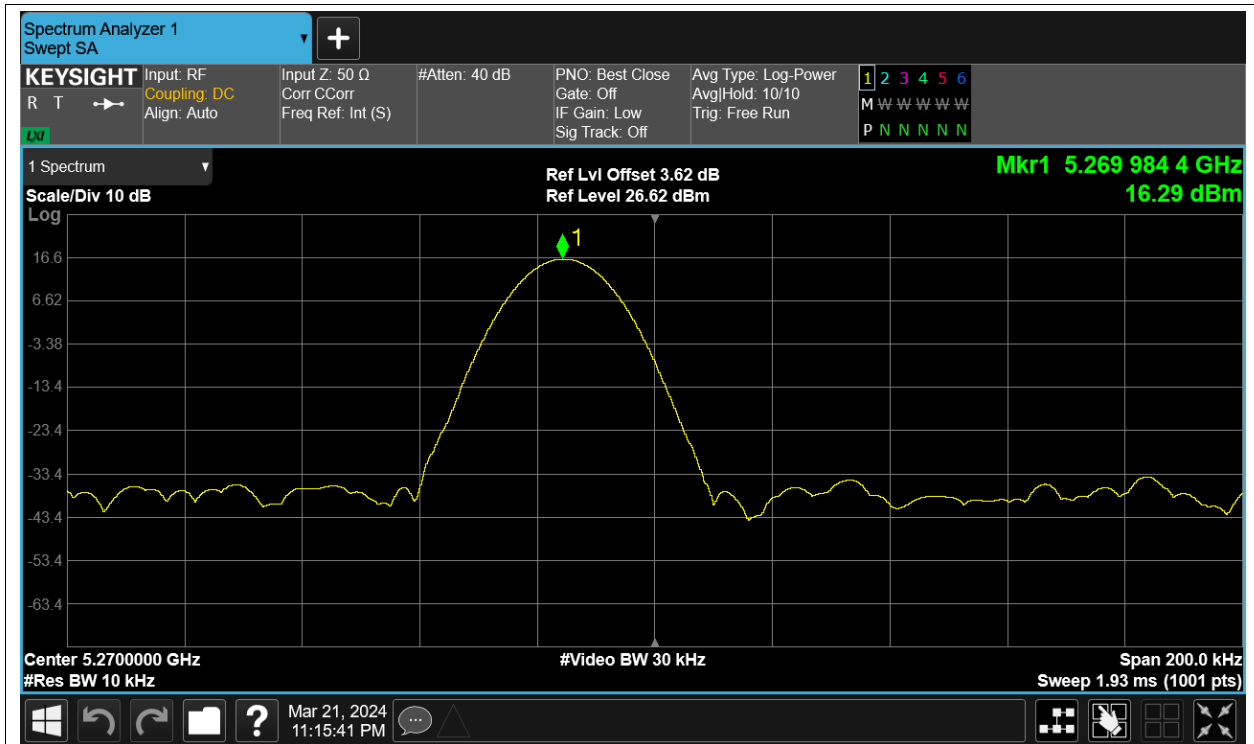
Freq. Stability NVLT ac80 5290MHz Ant4



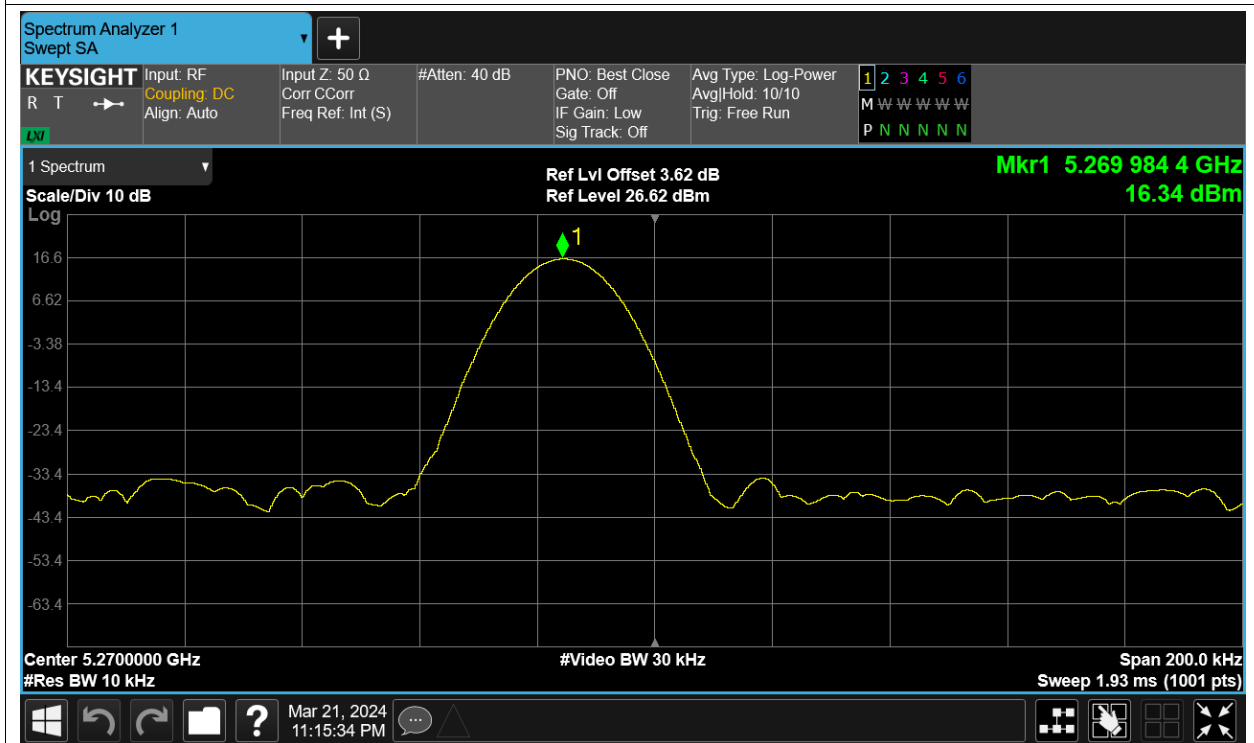
Freq. Stability NVNT ac80 5290MHz Ant4



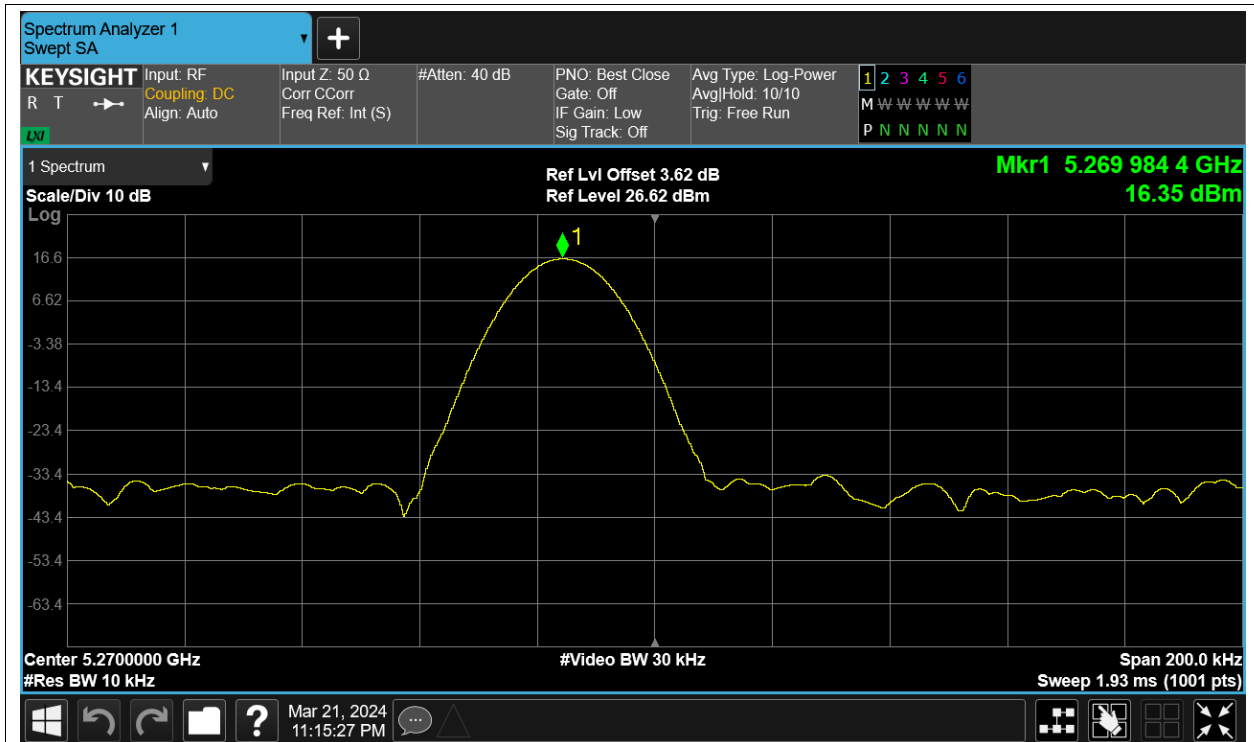
Freq. Stability HVNT n40 5270MHz Ant4



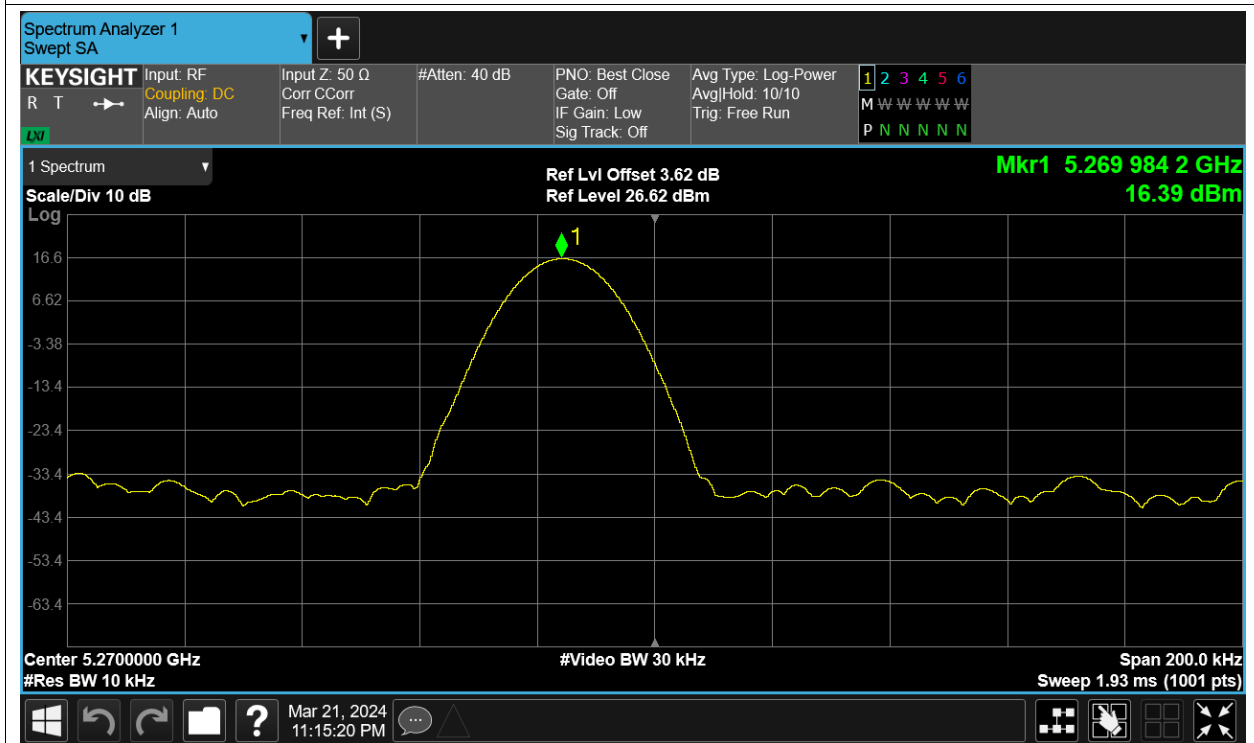
Freq. Stability LVNT n40 5270MHz Ant4



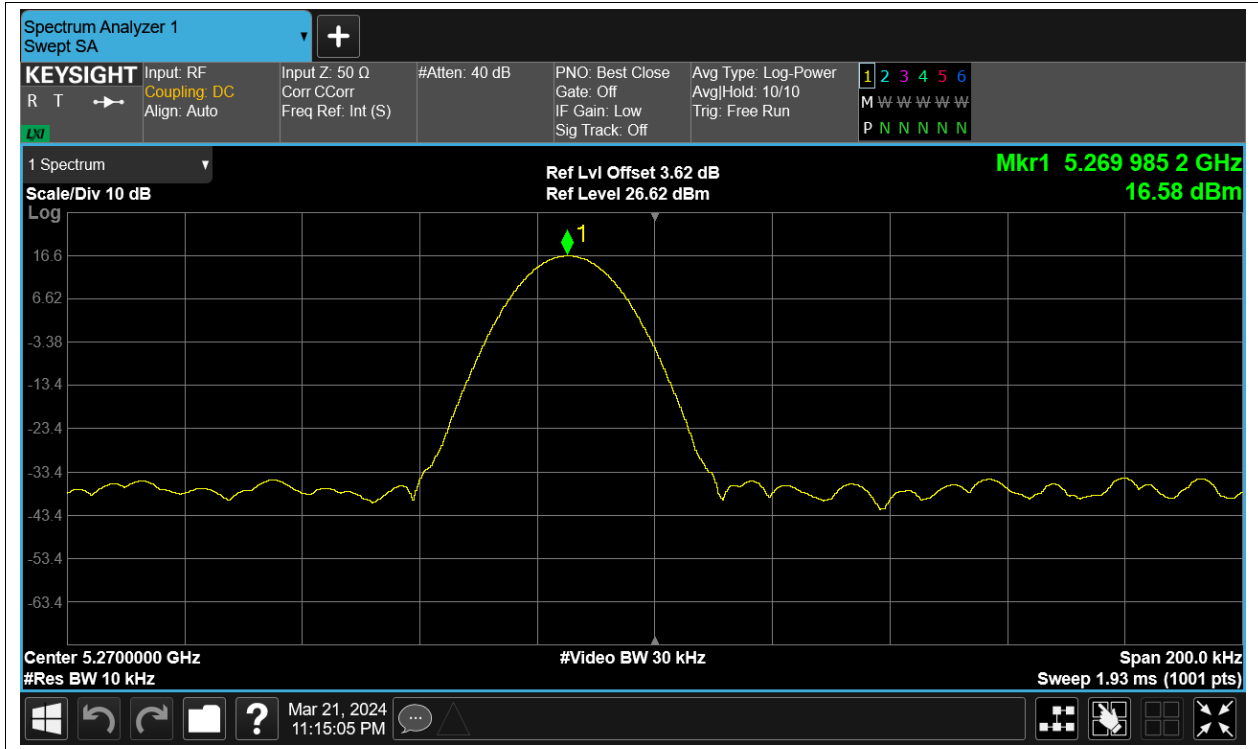
Freq. Stability NVHT n40 5270MHz Ant4



Freq. Stability NVLT n40 5270MHz Ant4

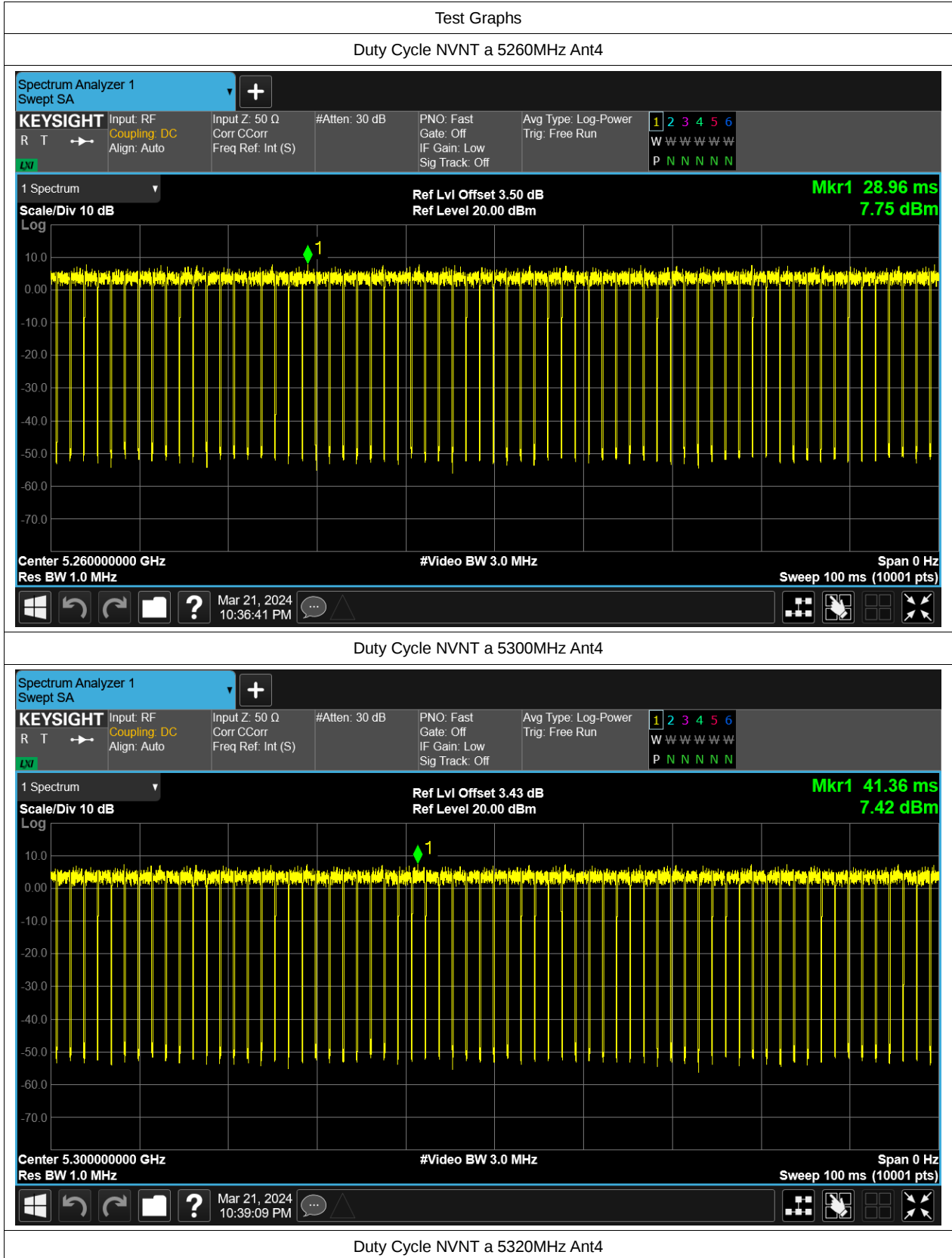


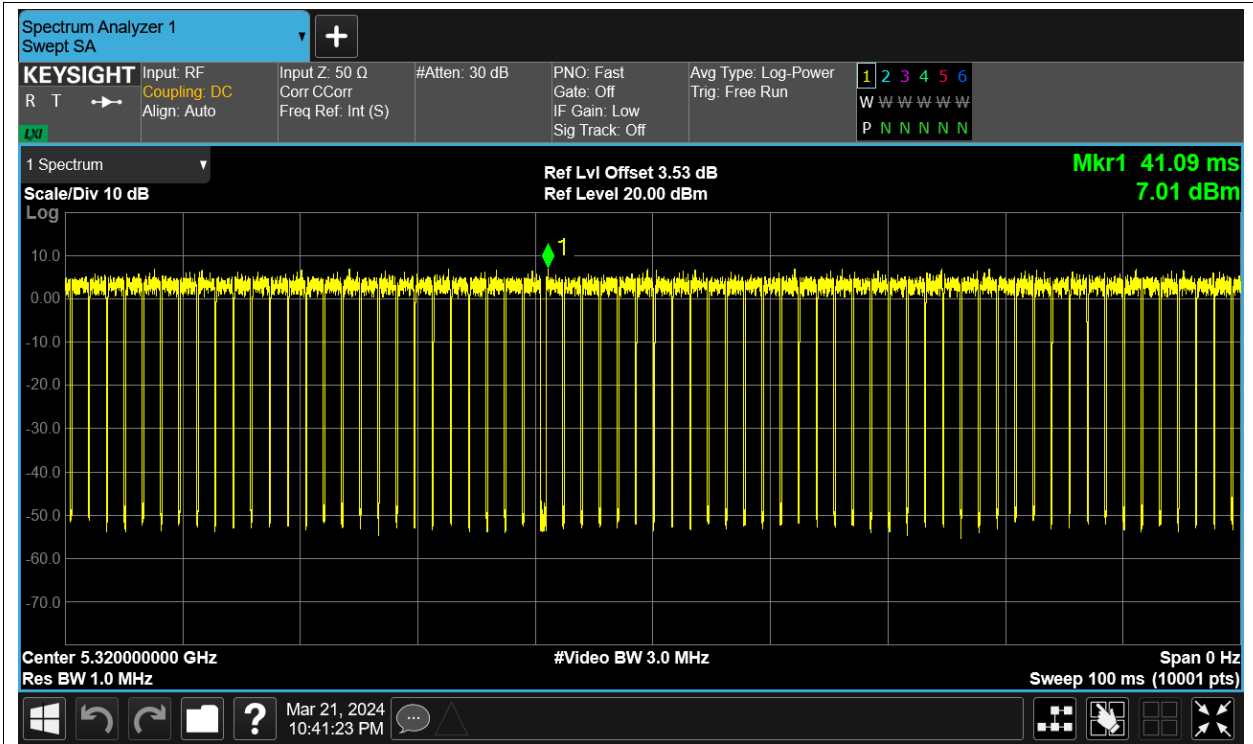
Freq. Stability NVNT n40 5270MHz Ant4



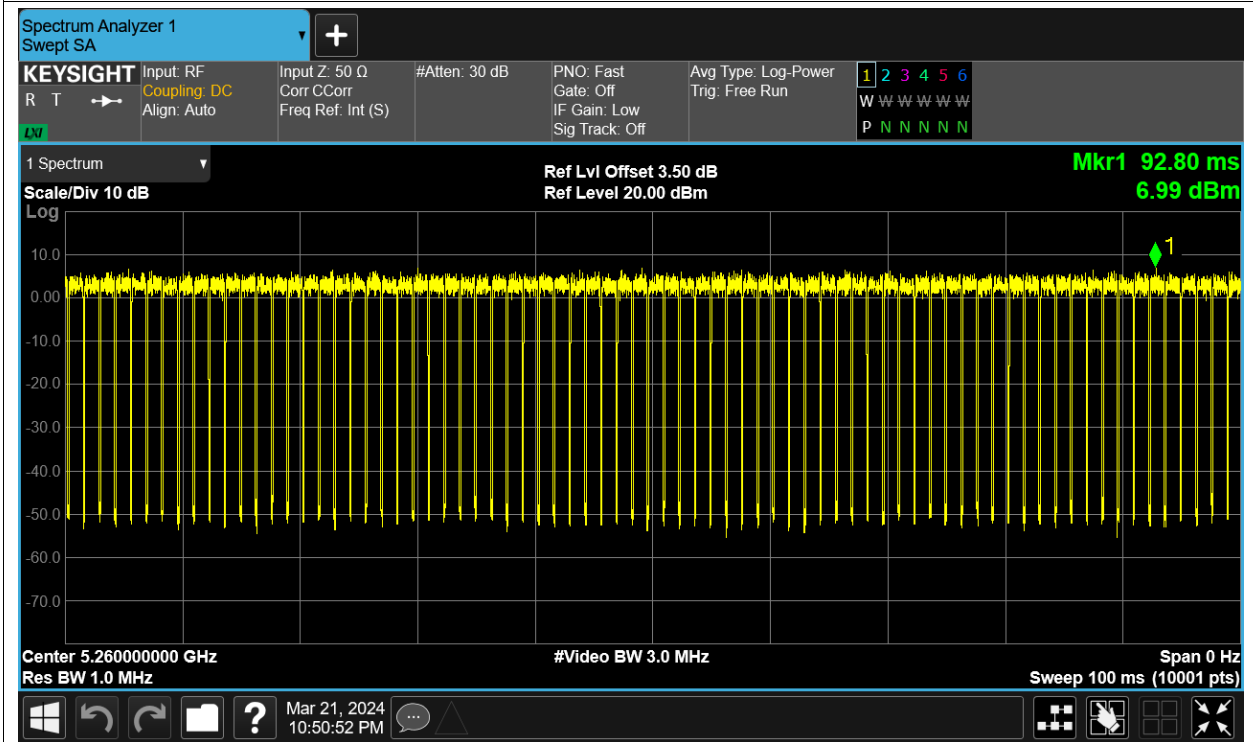
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant4	91.34	0.39
NVNT	a	5300	Ant4	91.25	0.4
NVNT	a	5320	Ant4	90.84	0.42
NVNT	ac20	5260	Ant4	89.73	0.47
NVNT	ac20	5300	Ant4	89.73	0.47
NVNT	ac20	5320	Ant4	89.51	0.48
NVNT	ac40	5270	Ant4	81.32	0.9
NVNT	ac40	5310	Ant4	81.06	0.91
NVNT	ac80	5290	Ant4	69.74	1.56
NVNT	n20	5260	Ant4	89.85	0.46
NVNT	n20	5300	Ant4	89.68	0.47
NVNT	n20	5320	Ant4	89.86	0.46
NVNT	n40	5270	Ant4	81.55	0.89
NVNT	n40	5310	Ant4	81.71	0.88

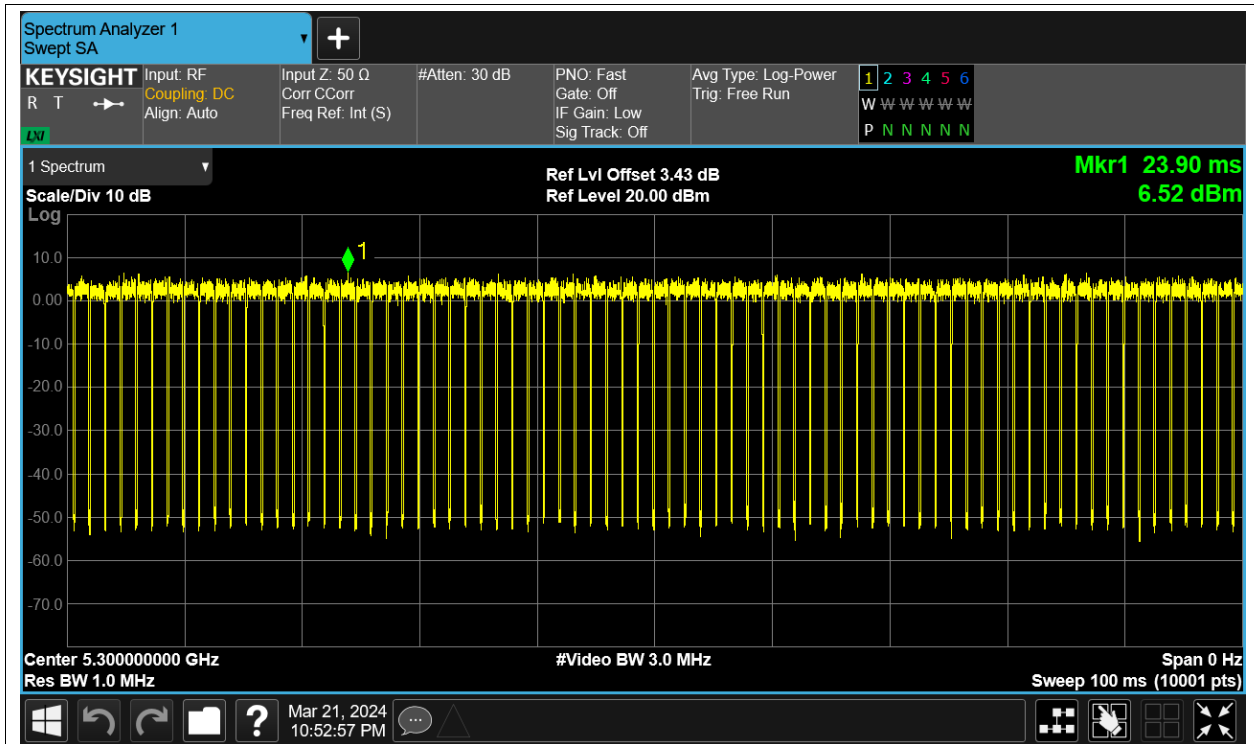




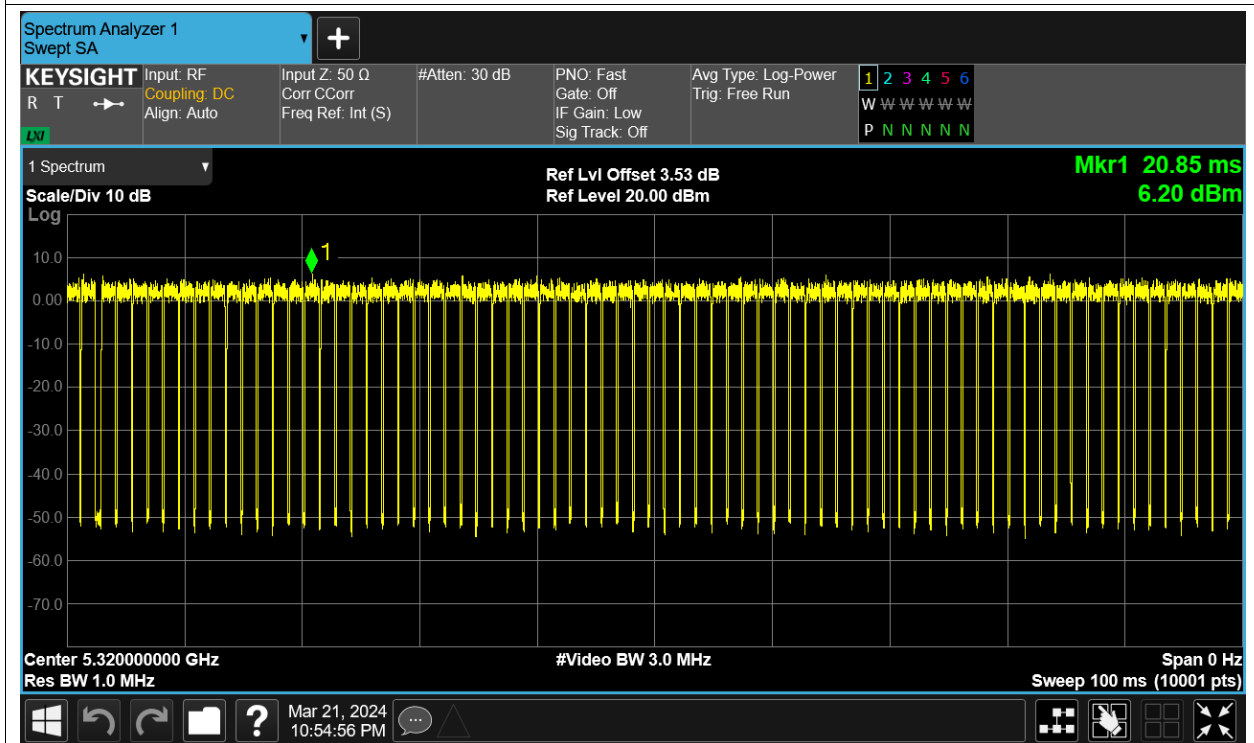
Duty Cycle NVNT ac20 5260MHz Ant4



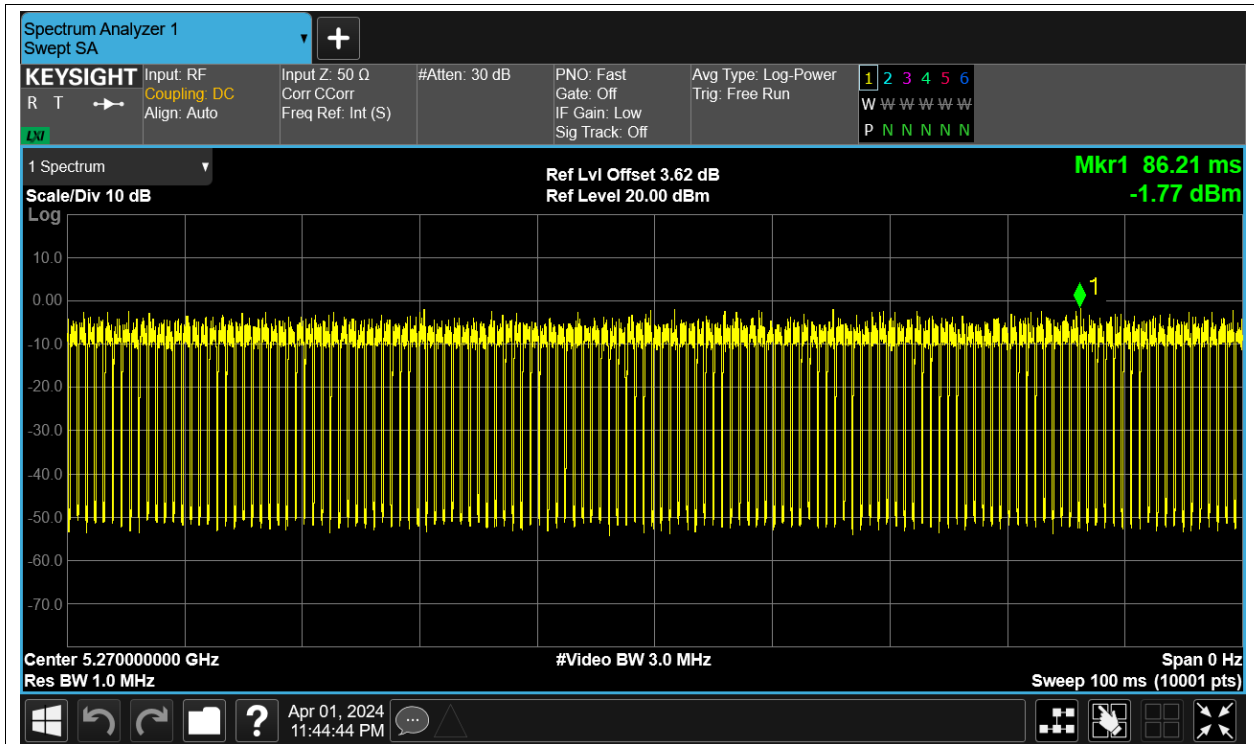
Duty Cycle NVNT ac20 5300MHz Ant4



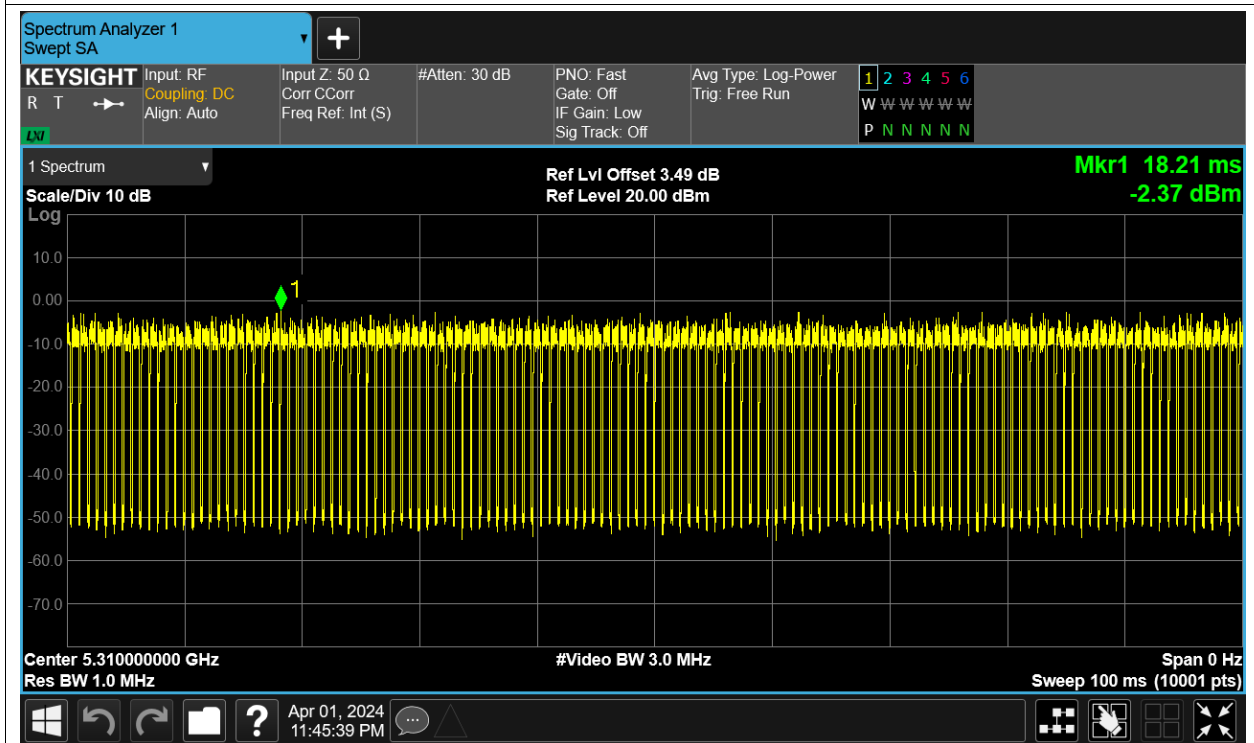
Duty Cycle NVNT ac20 5320MHz Ant4



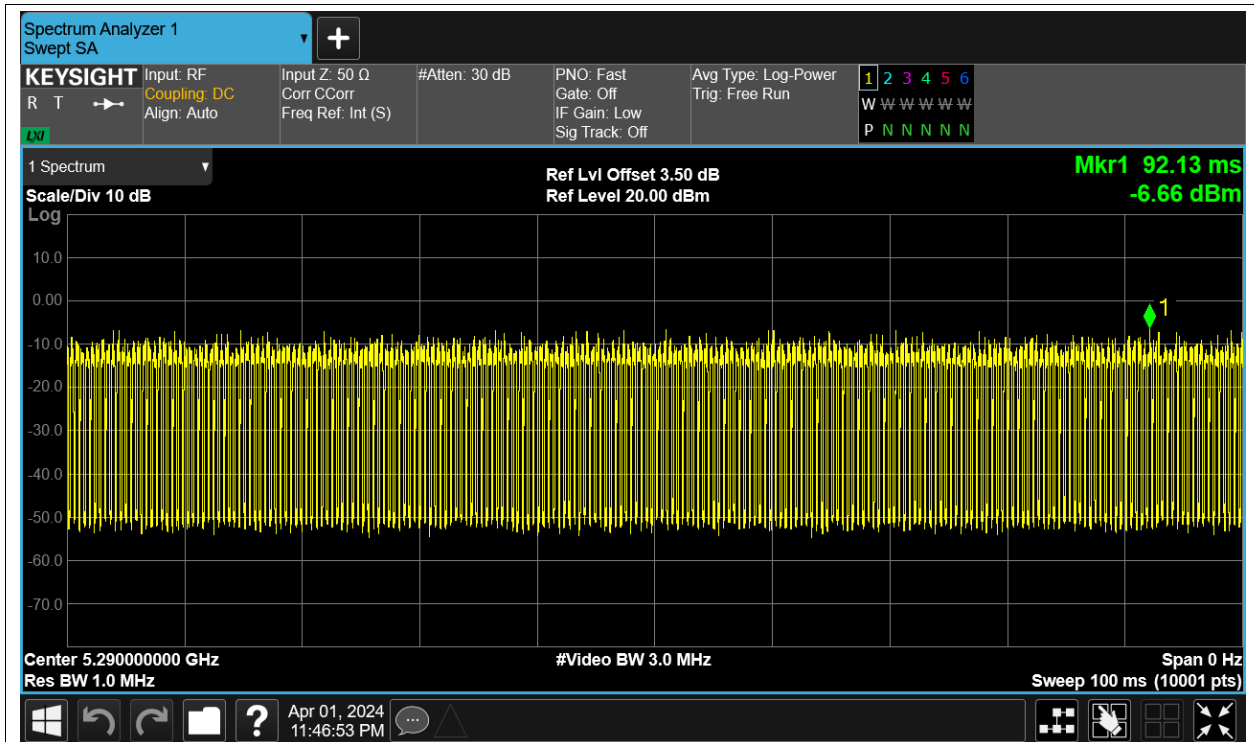
Duty Cycle NVNT ac40 5270MHz Ant4



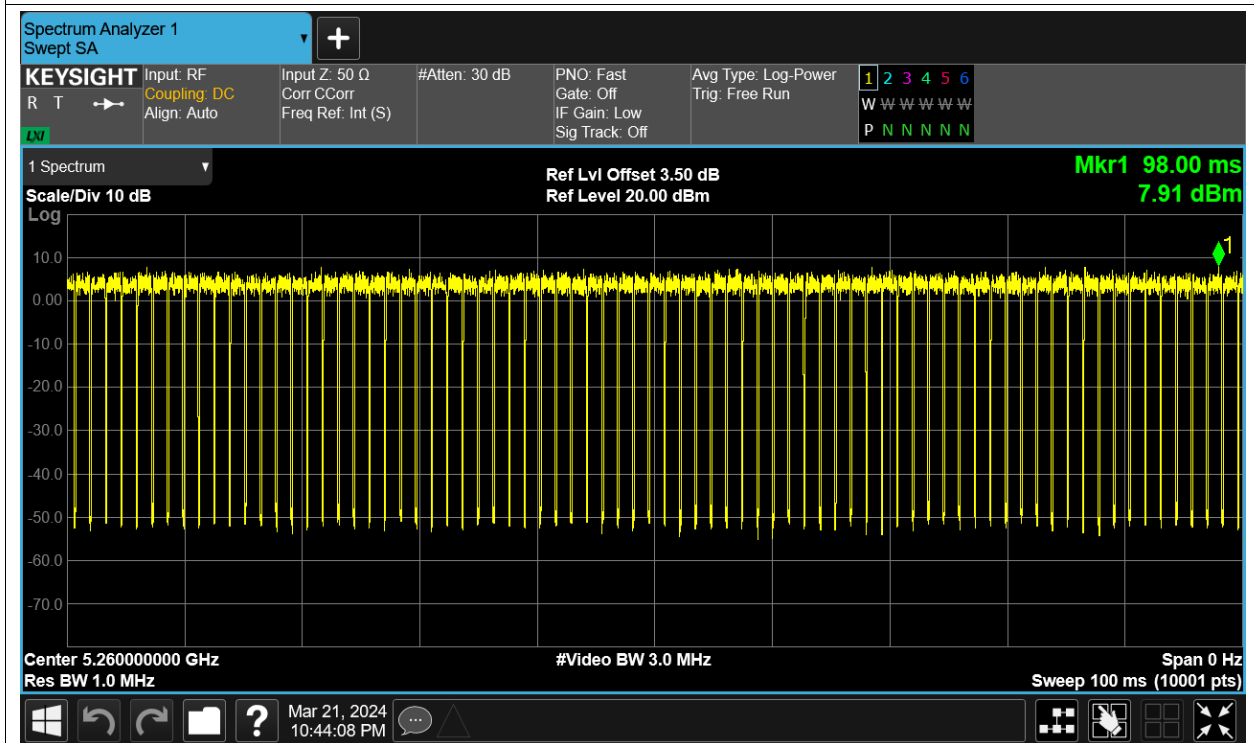
Duty Cycle NVNT ac40 5310MHz Ant4



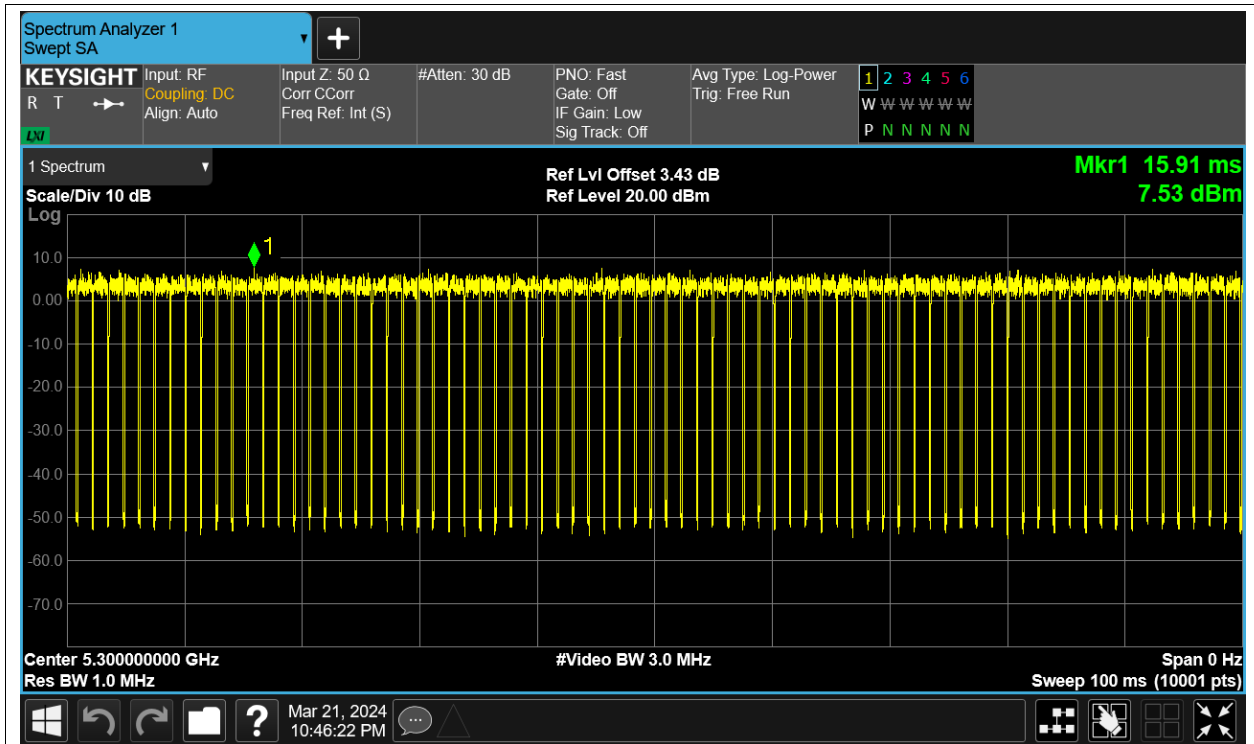
Duty Cycle NVNT ac80 5290MHz Ant4



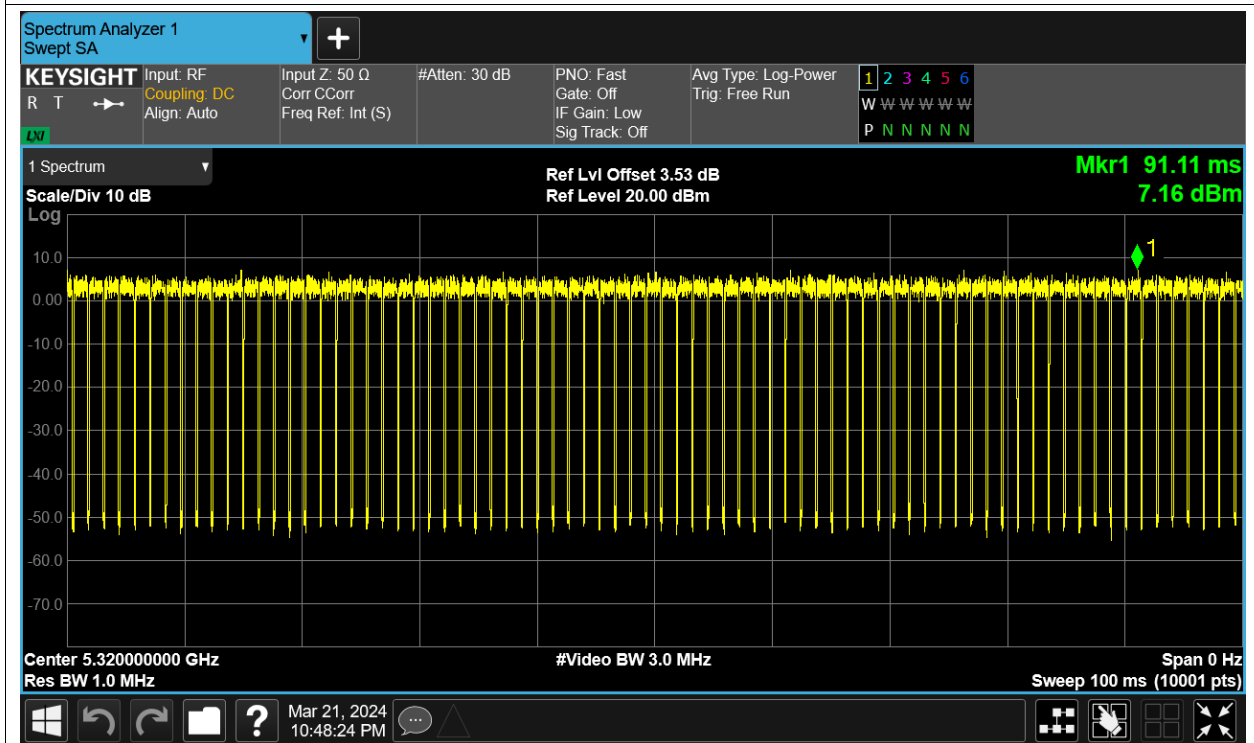
Duty Cycle NVNT n20 5260MHz Ant4



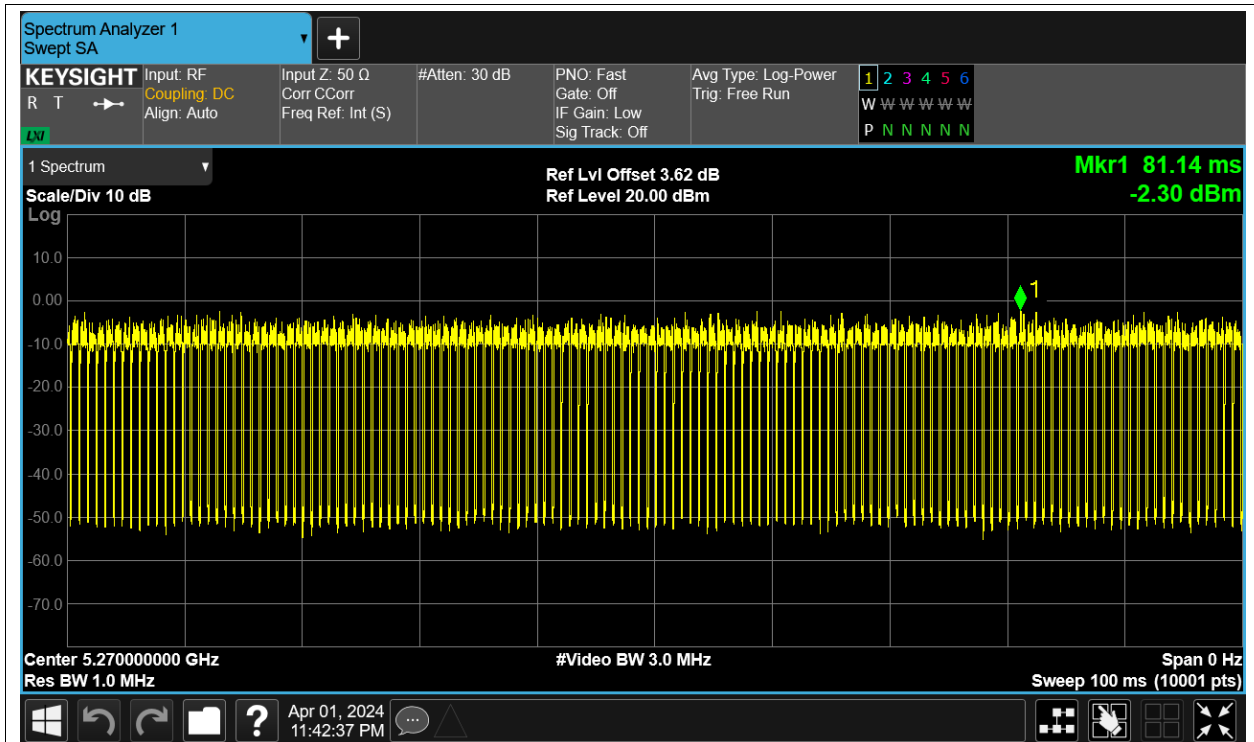
Duty Cycle NVNT n20 5300MHz Ant4



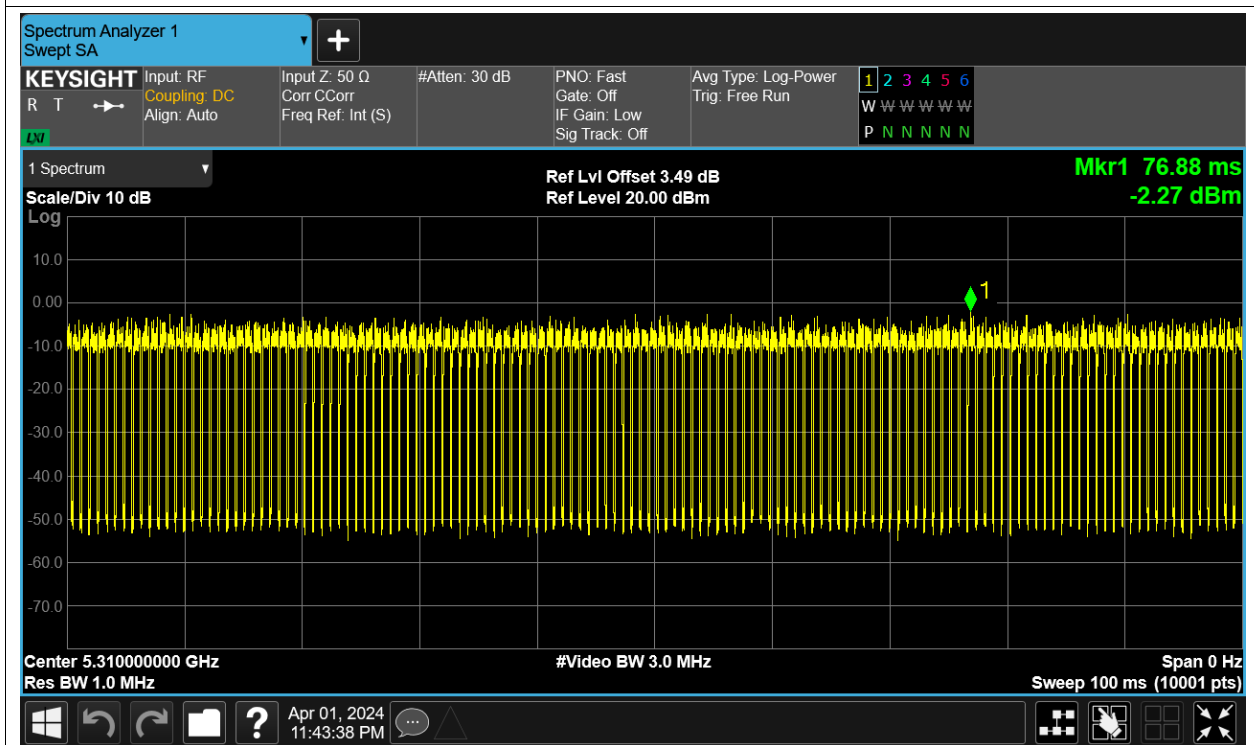
Duty Cycle NVNT n20 5320MHz Ant4



Duty Cycle NVNT n40 5270MHz Ant4



Duty Cycle NVNT n40 5310MHz Ant4



Maximum Conducted Output Power

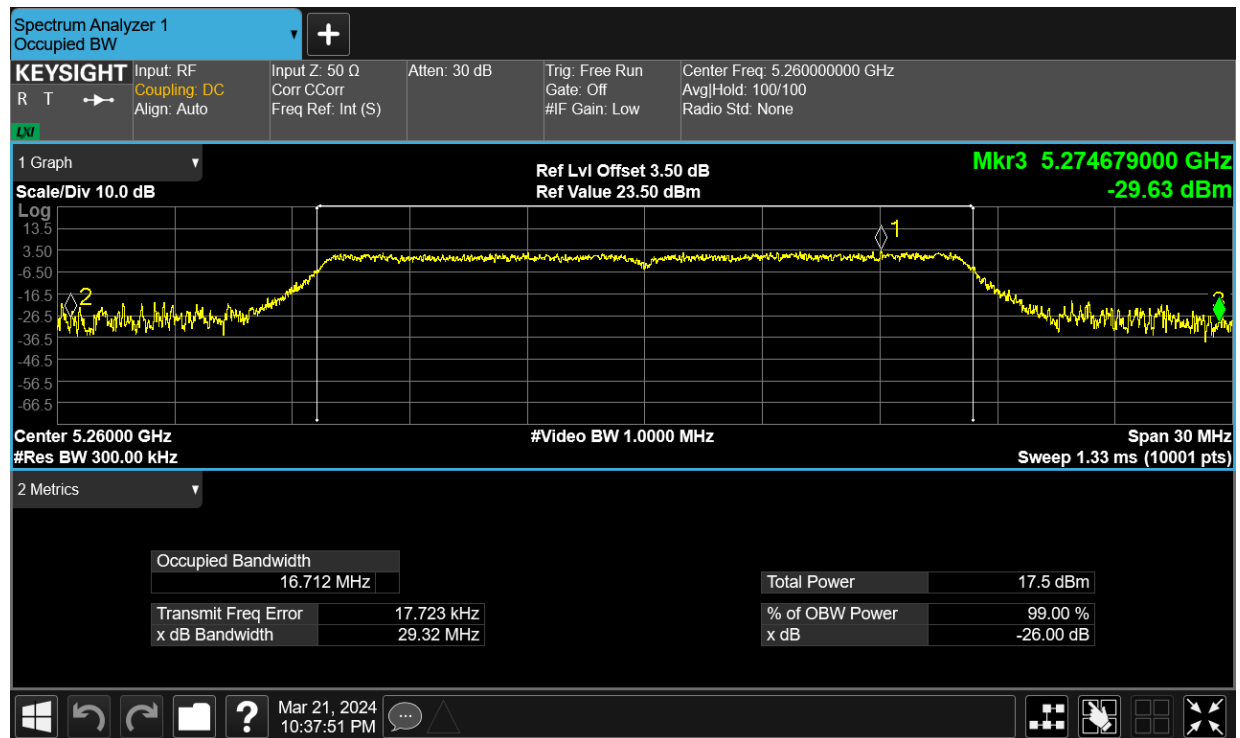
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant4	12.86	0.39	13.25	24	Pass
NVNT	a	5300	Ant4	11.85	0.4	12.25	24	Pass
NVNT	a	5320	Ant4	12.54	0.42	12.96	24	Pass
NVNT	ac20	5260	Ant4	12	0.47	12.47	24	Pass
NVNT	ac20	5300	Ant4	10.97	0.47	11.44	24	Pass
NVNT	ac20	5320	Ant4	11.67	0.48	12.15	24	Pass
NVNT	ac40	5270	Ant4	6.45	0.9	7.35	24	Pass
NVNT	ac40	5310	Ant4	6.23	0.91	7.14	24	Pass
NVNT	ac80	5290	Ant4	5.83	1.56	7.39	24	Pass
NVNT	n20	5260	Ant4	12.95	0.46	13.41	24	Pass
NVNT	n20	5300	Ant4	11.91	0.47	12.38	24	Pass
NVNT	n20	5320	Ant4	12.59	0.46	13.05	24	Pass
NVNT	n40	5270	Ant4	6.06	0.89	6.95	24	Pass
NVNT	n40	5310	Ant4	6.27	0.88	7.15	24	Pass

-26dB Bandwidth

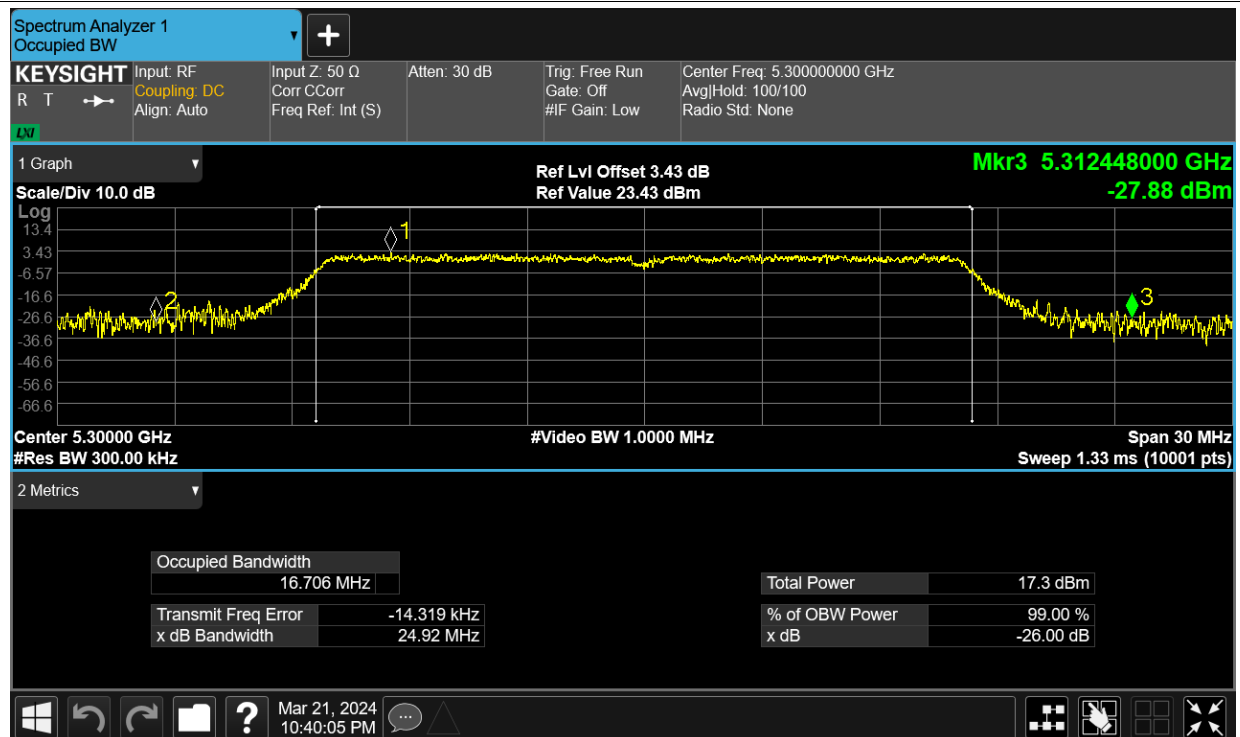
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant4	29.323
NVNT	a	5300	Ant4	24.924
NVNT	a	5320	Ant4	27.114
NVNT	ac20	5260	Ant4	25.516
NVNT	ac20	5300	Ant4	27.524
NVNT	ac20	5320	Ant4	26.93
NVNT	ac40	5270	Ant4	57.119
NVNT	ac40	5310	Ant4	53.504
NVNT	ac80	5290	Ant4	78.243
NVNT	n20	5260	Ant4	28.816
NVNT	n20	5300	Ant4	29.406
NVNT	n20	5320	Ant4	28.92
NVNT	n40	5270	Ant4	51.138
NVNT	n40	5310	Ant4	59.127

Test Graphs

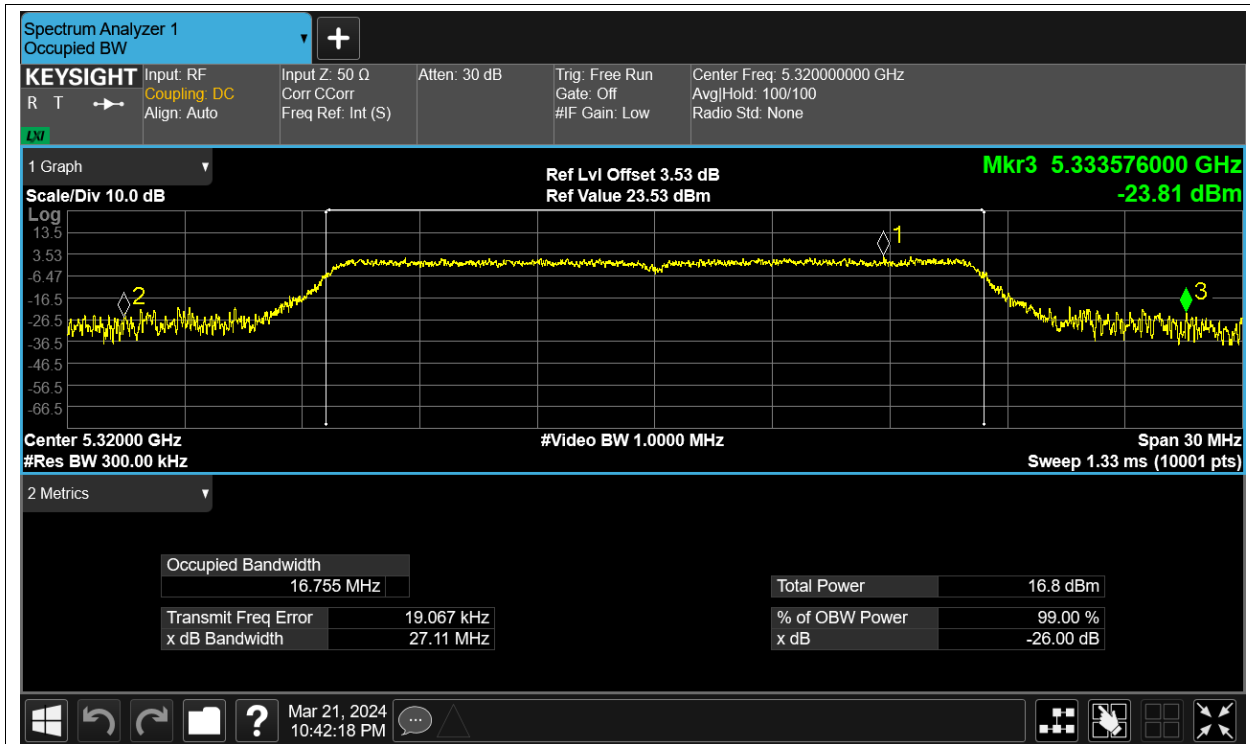
-26dB Bandwidth NVNT a 5260MHz Ant4



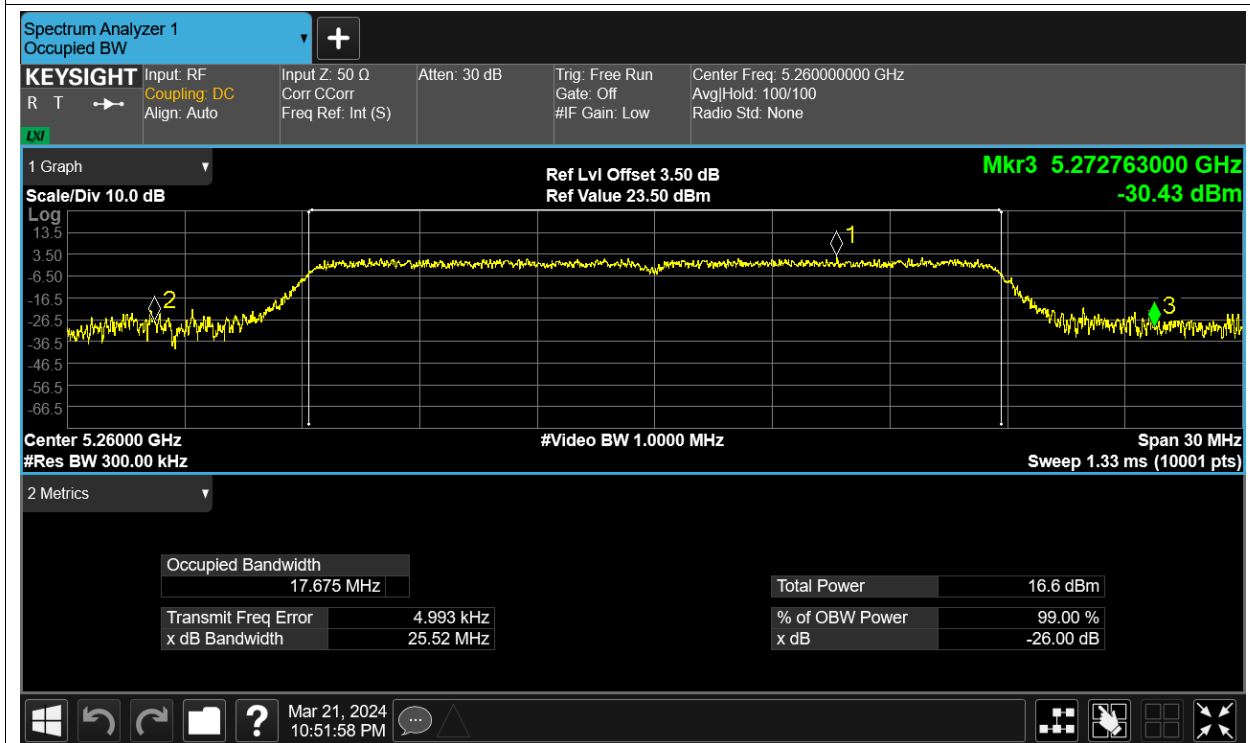
-26dB Bandwidth NVNT a 5300MHz Ant4



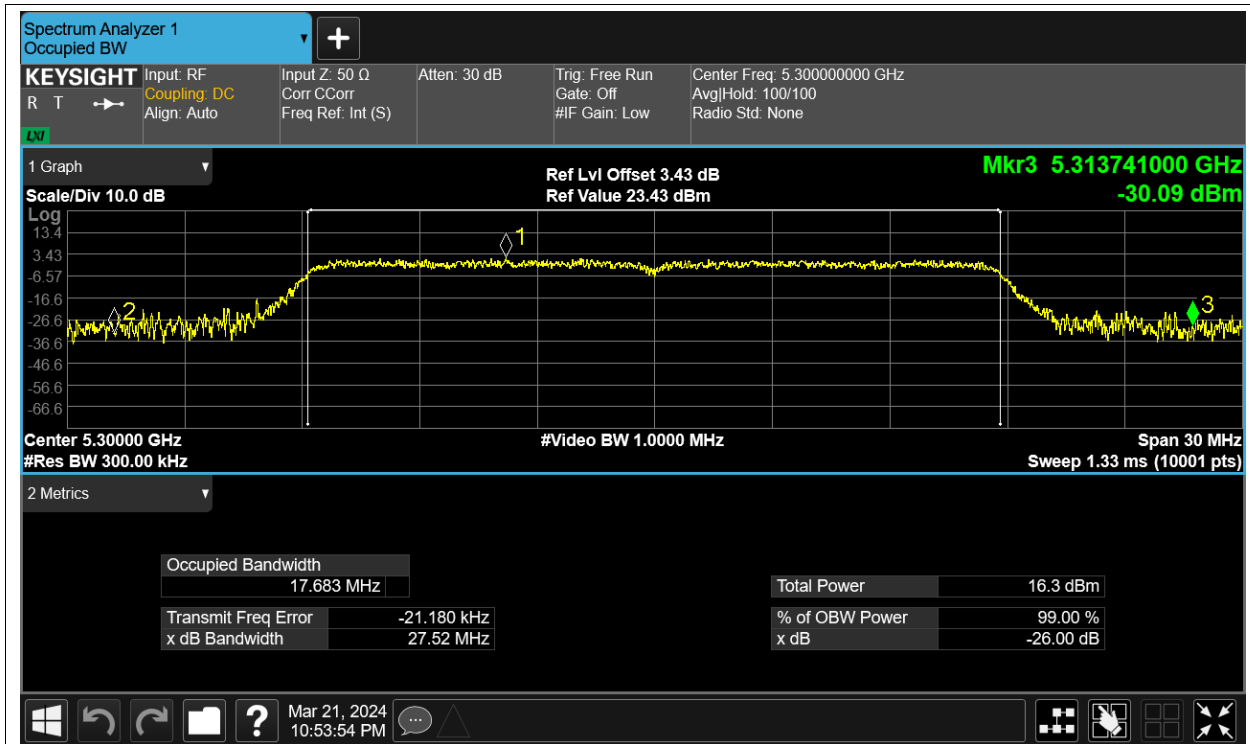
-26dB Bandwidth NVNT a 5320MHz Ant4



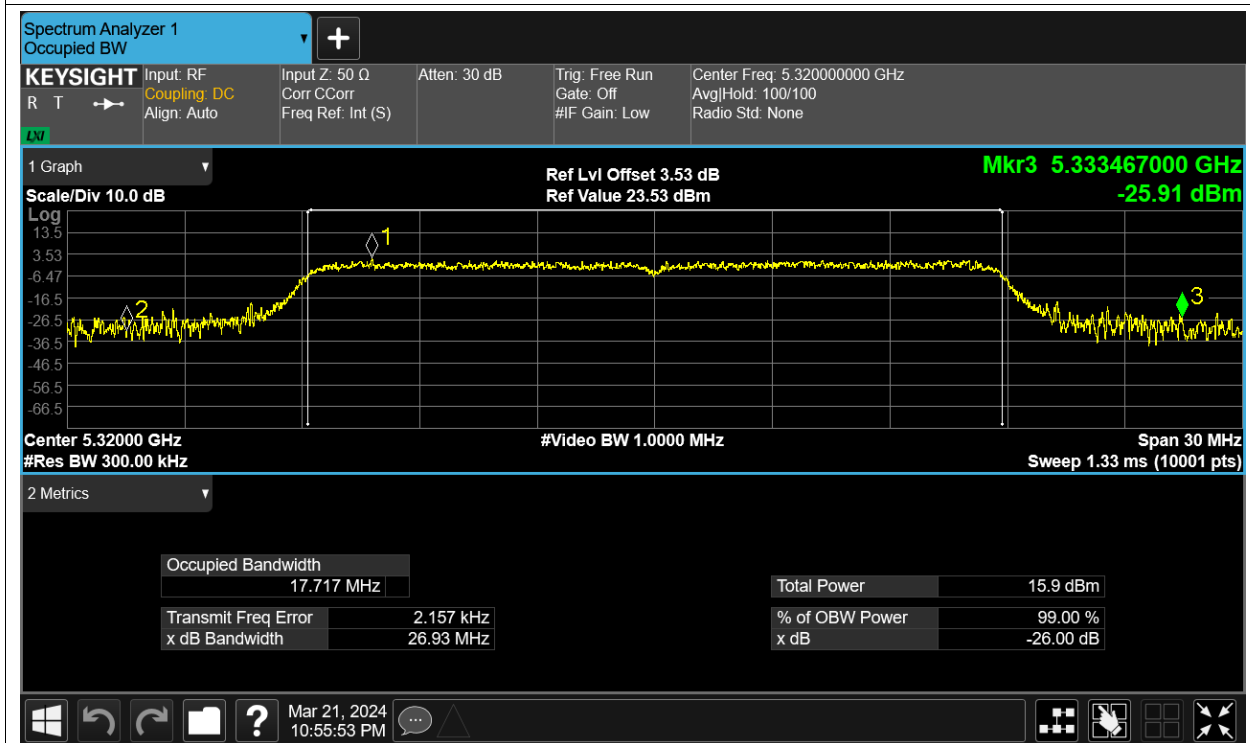
-26dB Bandwidth NVNT ac20 5260MHz Ant4



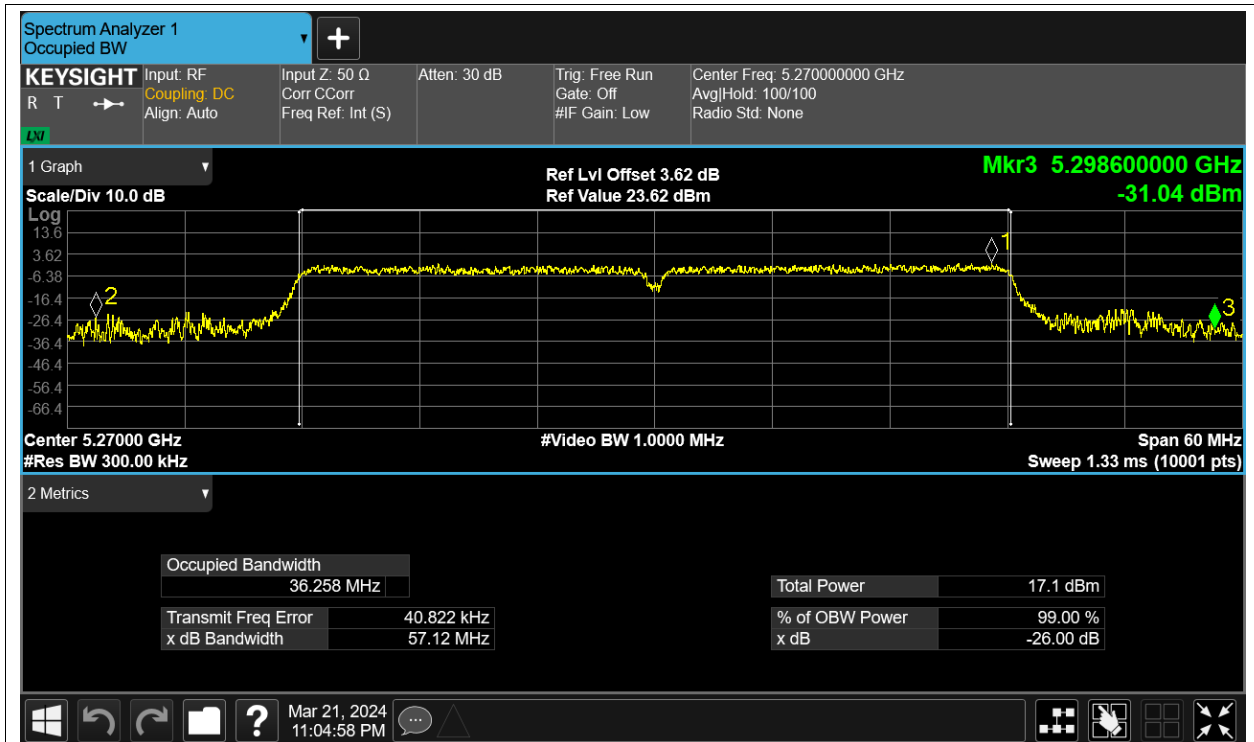
-26dB Bandwidth NVNT ac20 5300MHz Ant4



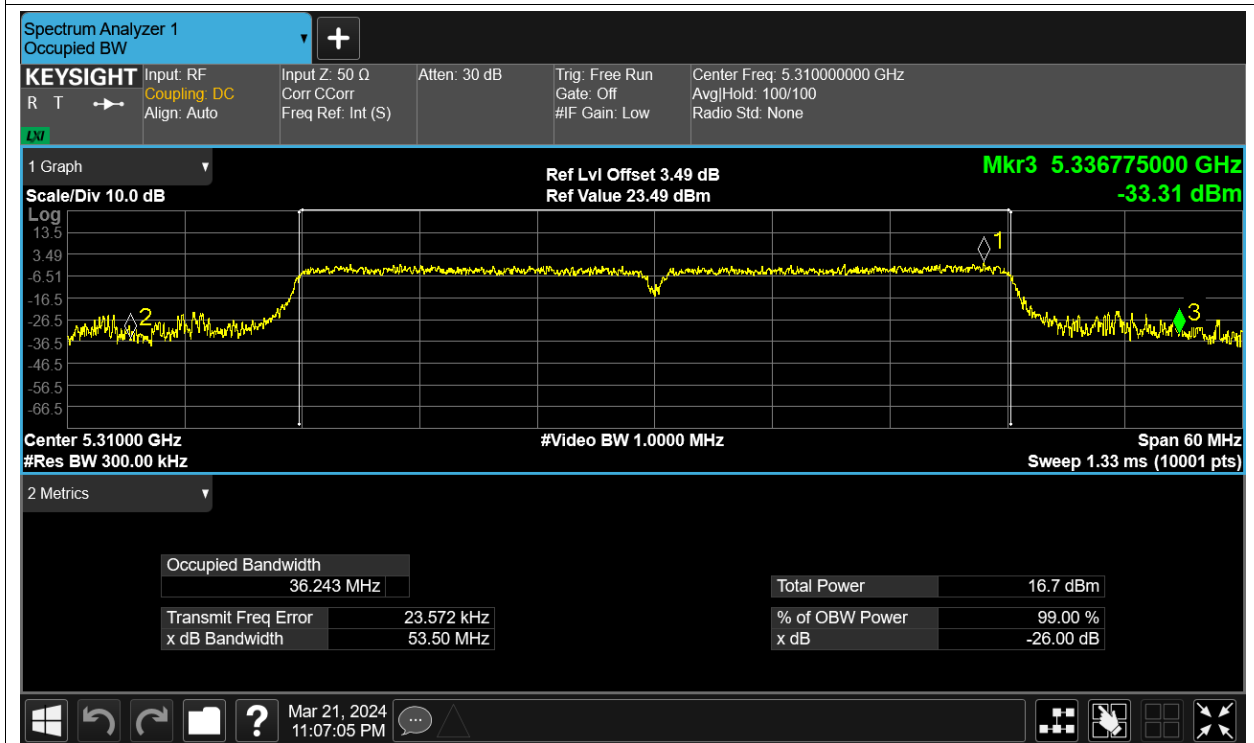
-26dB Bandwidth NVNT ac20 5320MHz Ant4



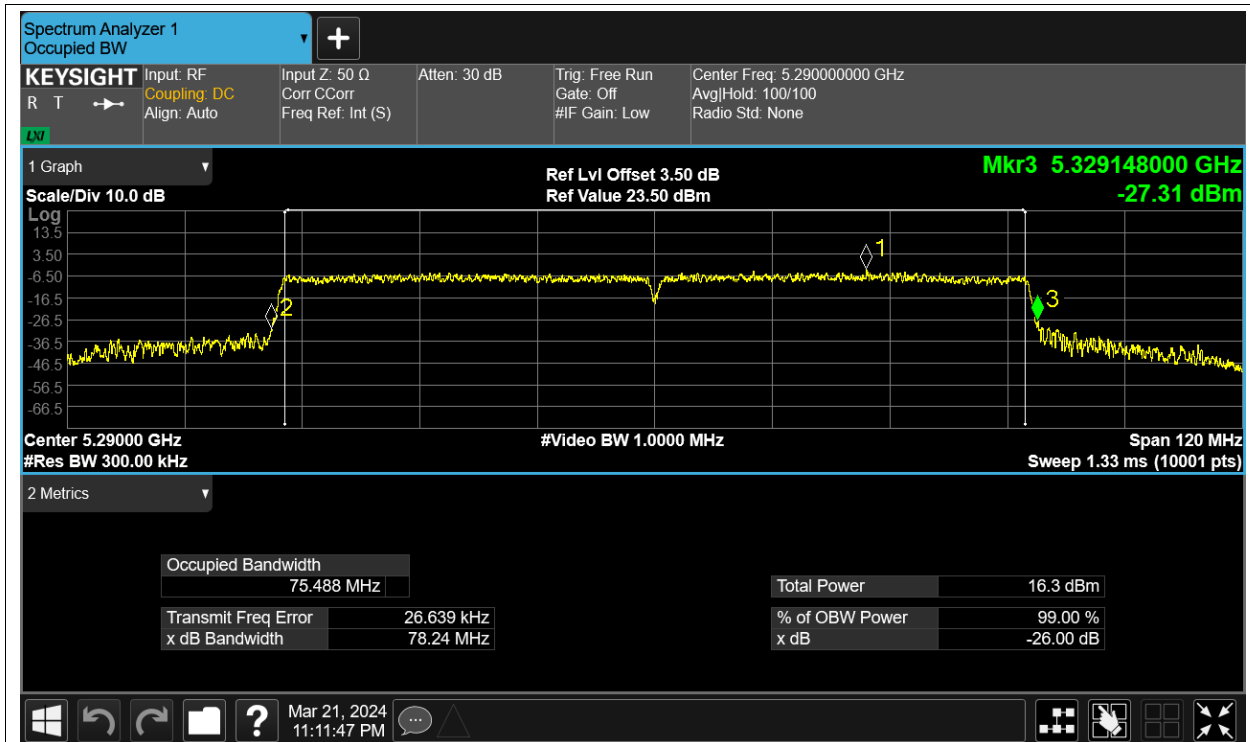
-26dB Bandwidth NVNT ac40 5270MHz Ant4



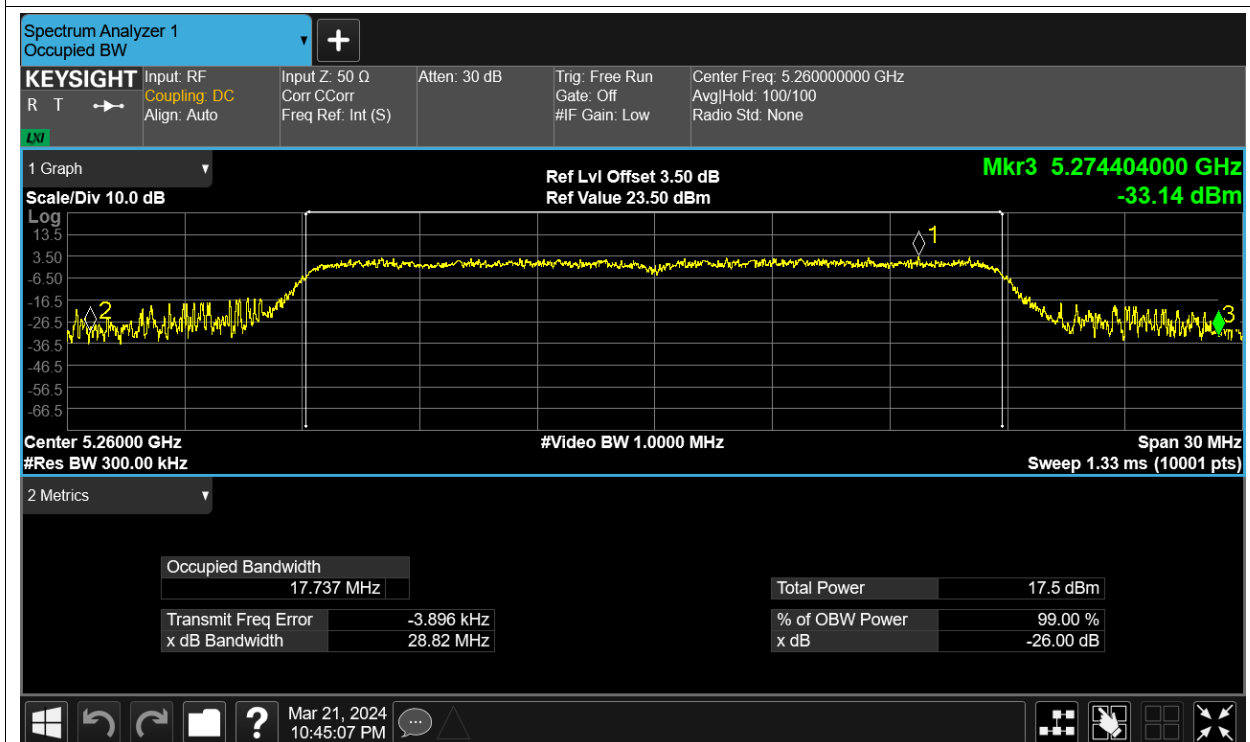
-26dB Bandwidth NVNT ac40 5310MHz Ant4



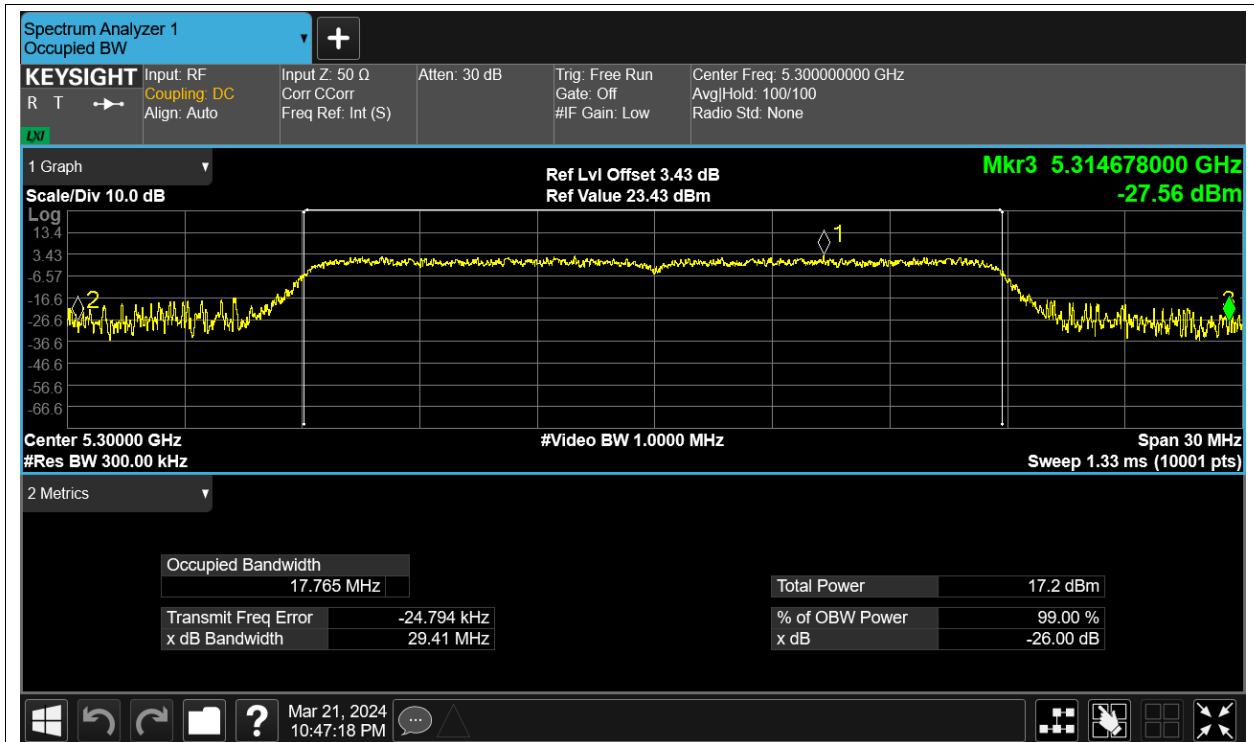
-26dB Bandwidth NVNT ac80 5290MHz Ant4



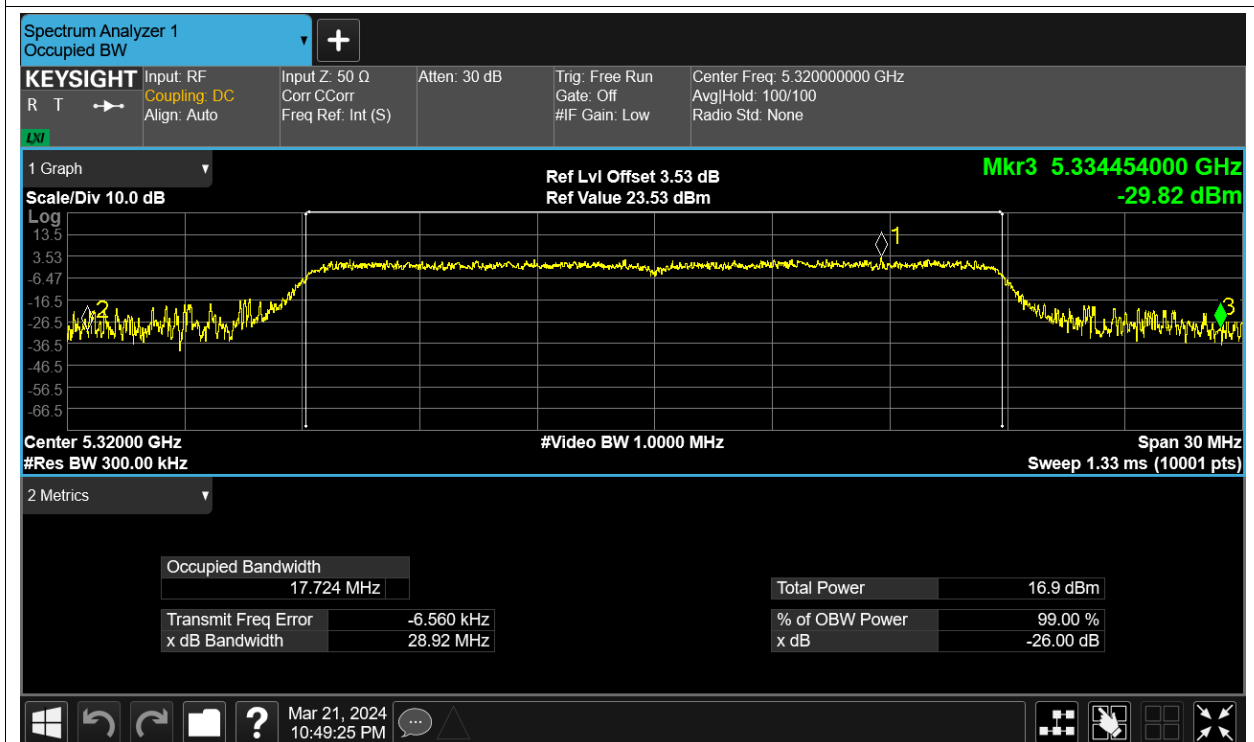
-26dB Bandwidth NVNT n20 5260MHz Ant4



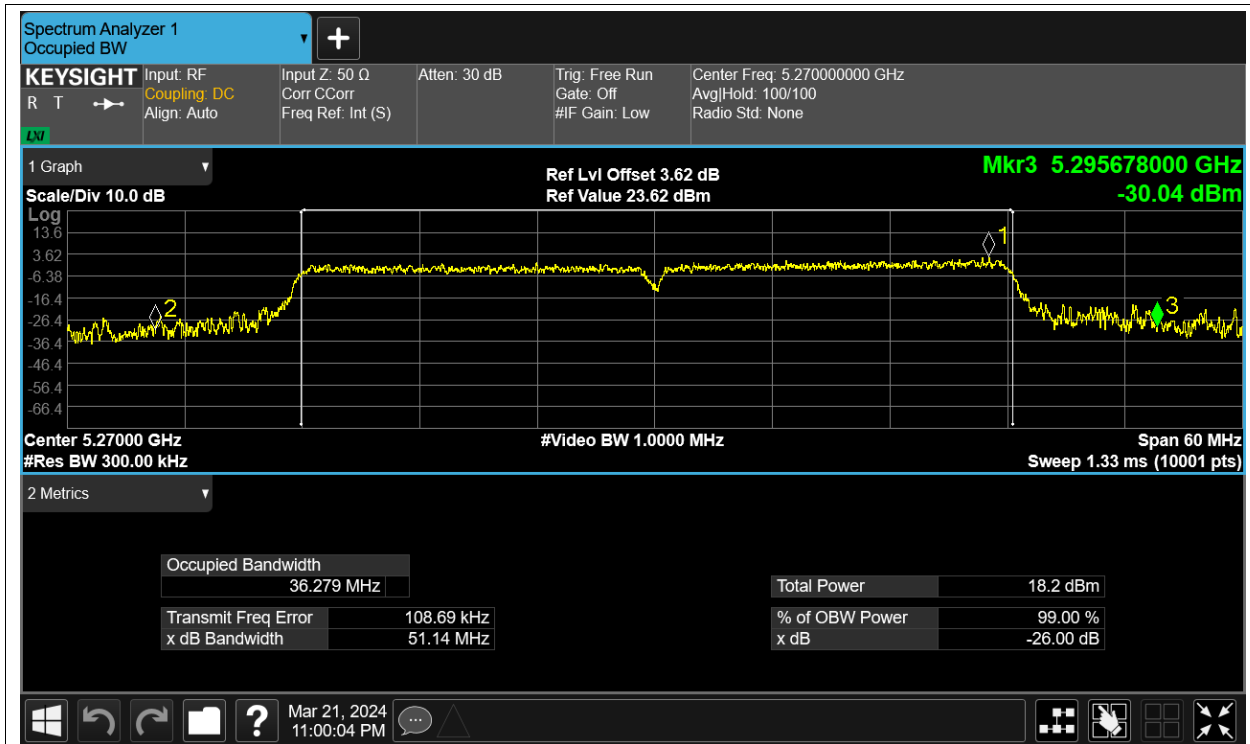
-26dB Bandwidth NVNT n20 5300MHz Ant4



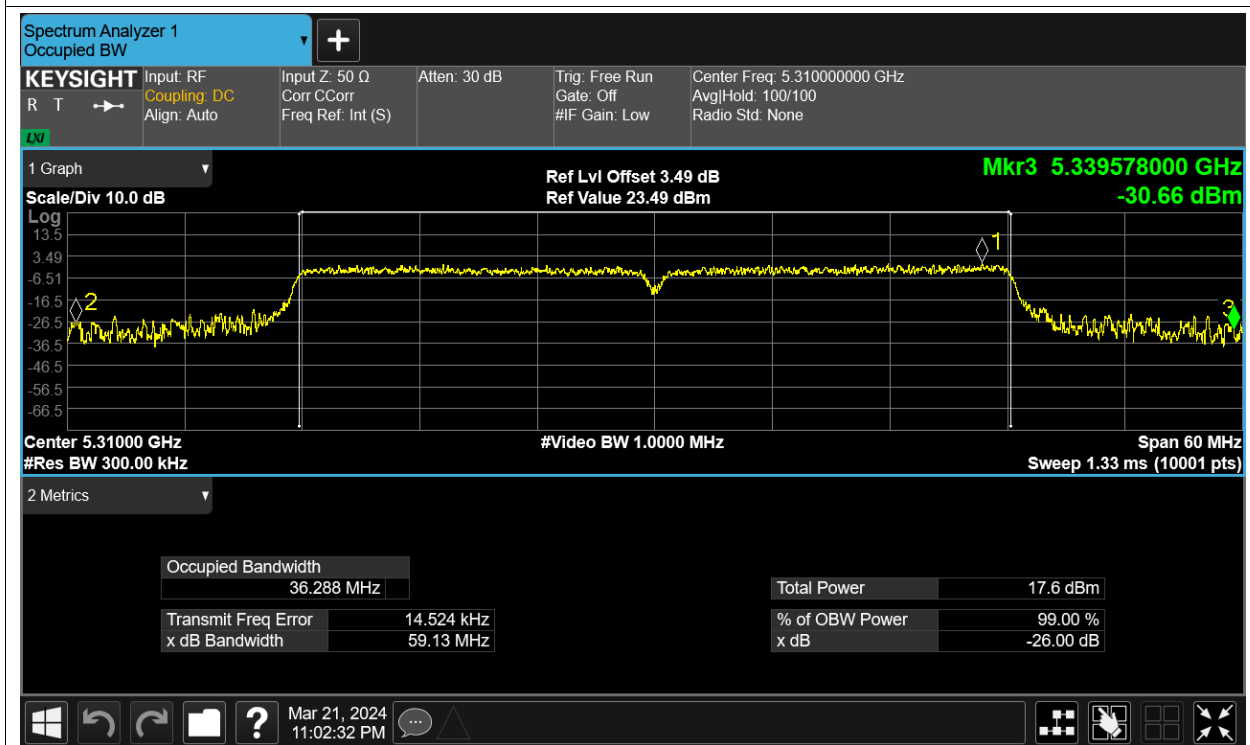
-26dB Bandwidth NVNT n20 5320MHz Ant4



-26dB Bandwidth NVNT n40 5270MHz Ant4



-26dB Bandwidth NVNT n40 5310MHz Ant4

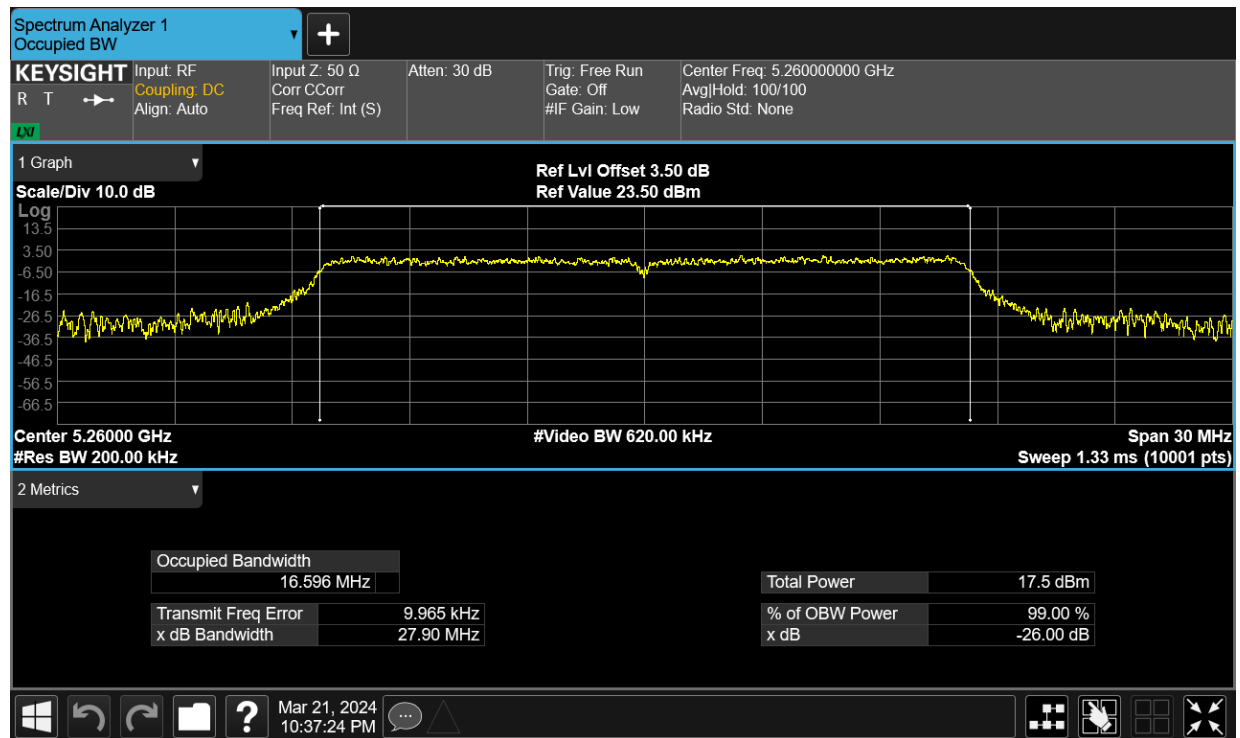


Occupied Channel Bandwidth

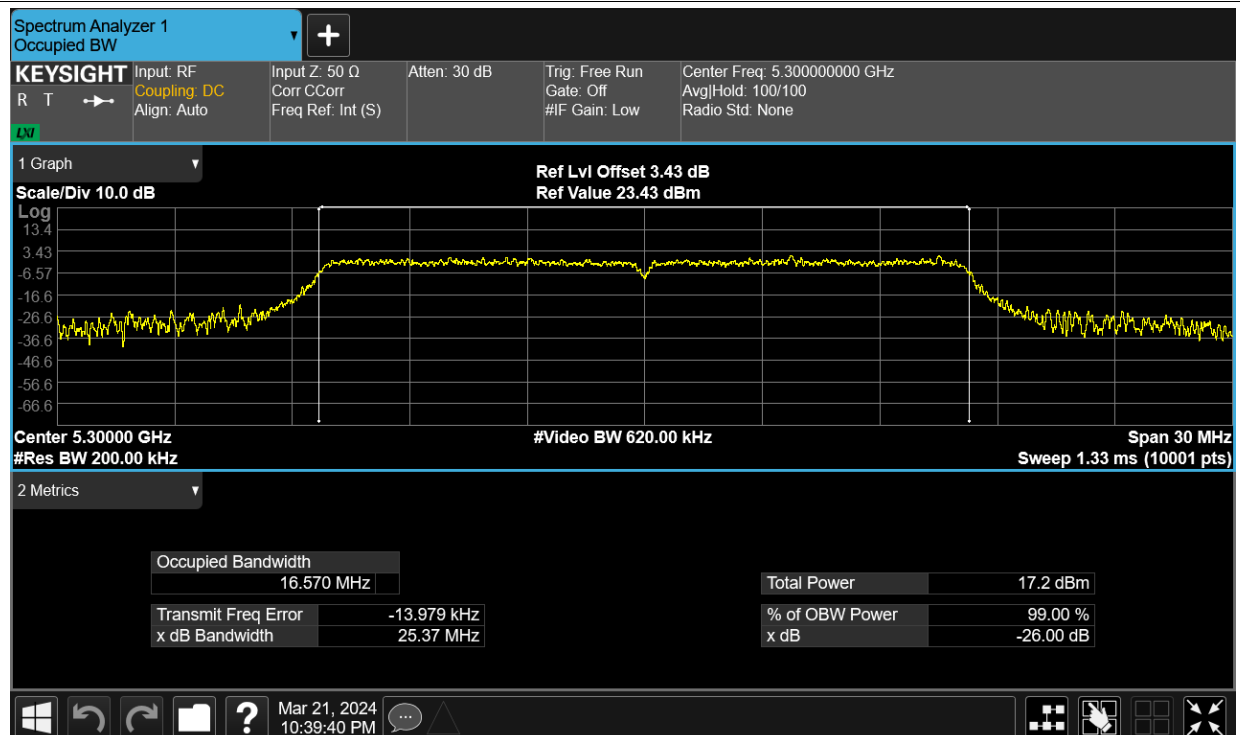
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant4	16.596
NVNT	a	5300	Ant4	16.57
NVNT	a	5320	Ant4	16.578
NVNT	ac20	5260	Ant4	17.621
NVNT	ac20	5300	Ant4	17.655
NVNT	ac20	5320	Ant4	17.604
NVNT	ac40	5270	Ant4	36.321
NVNT	ac40	5310	Ant4	36.382
NVNT	ac80	5290	Ant4	75.485
NVNT	n20	5260	Ant4	17.628
NVNT	n20	5300	Ant4	17.648
NVNT	n20	5320	Ant4	17.658
NVNT	n40	5270	Ant4	36.359
NVNT	n40	5310	Ant4	36.418

Test Graphs

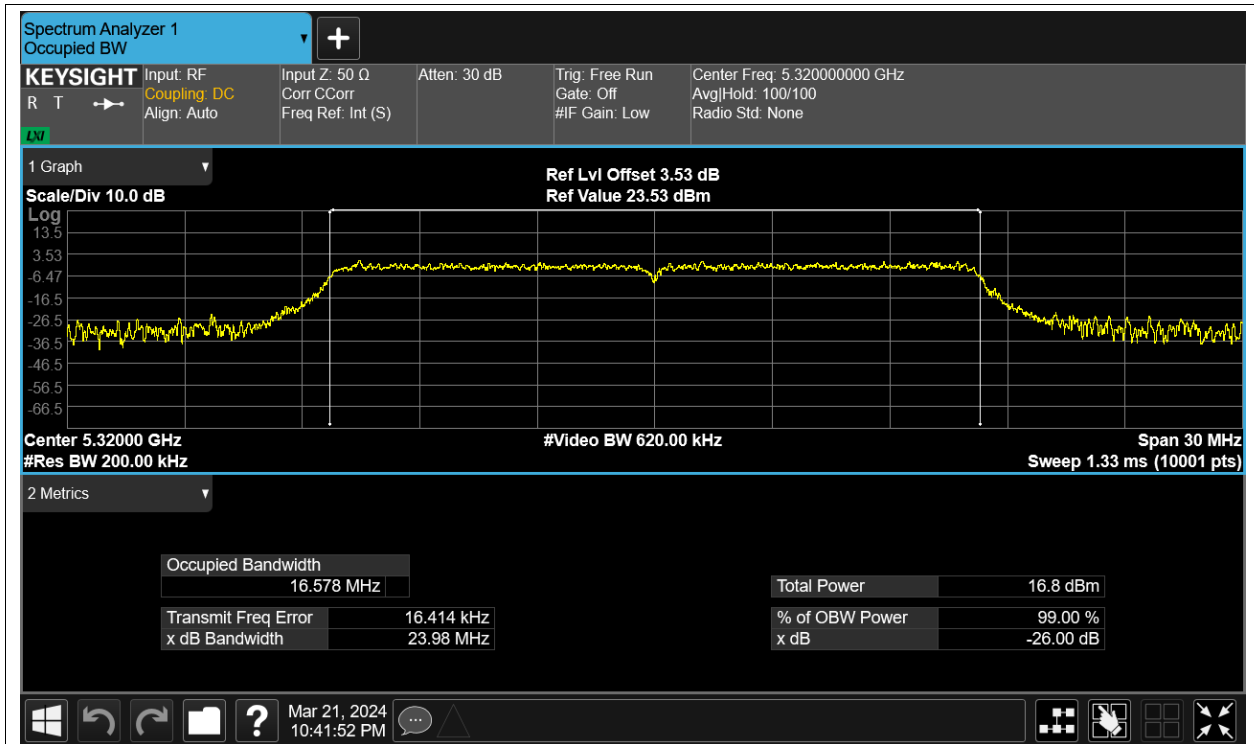
OBW NVNT a 5260MHz Ant4



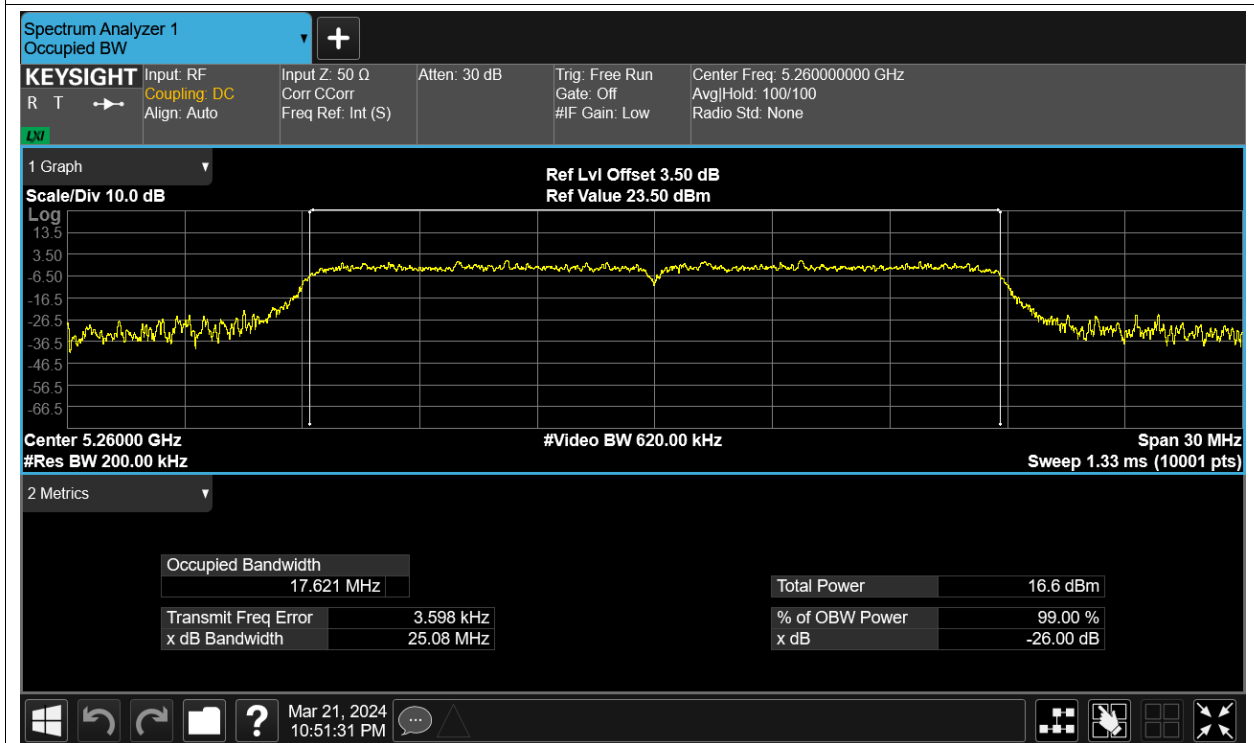
OBW NVNT a 5300MHz Ant4



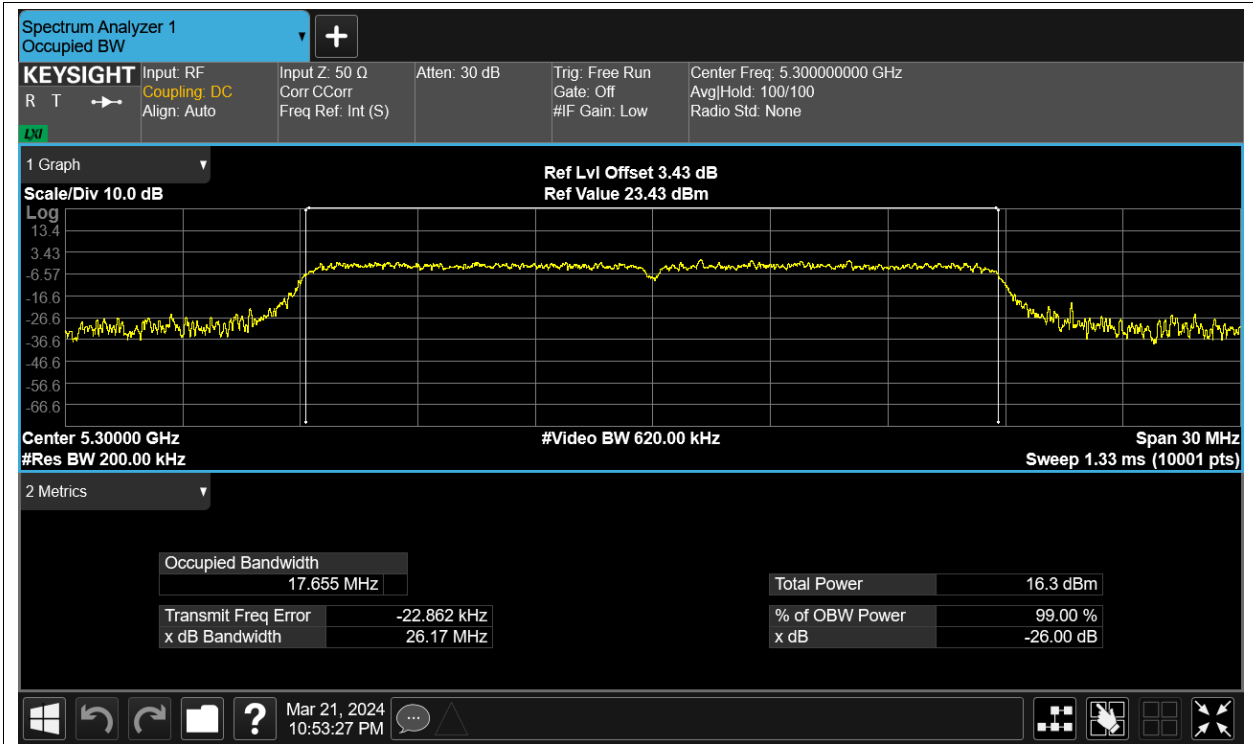
OBW NVNT a 5320MHz Ant4



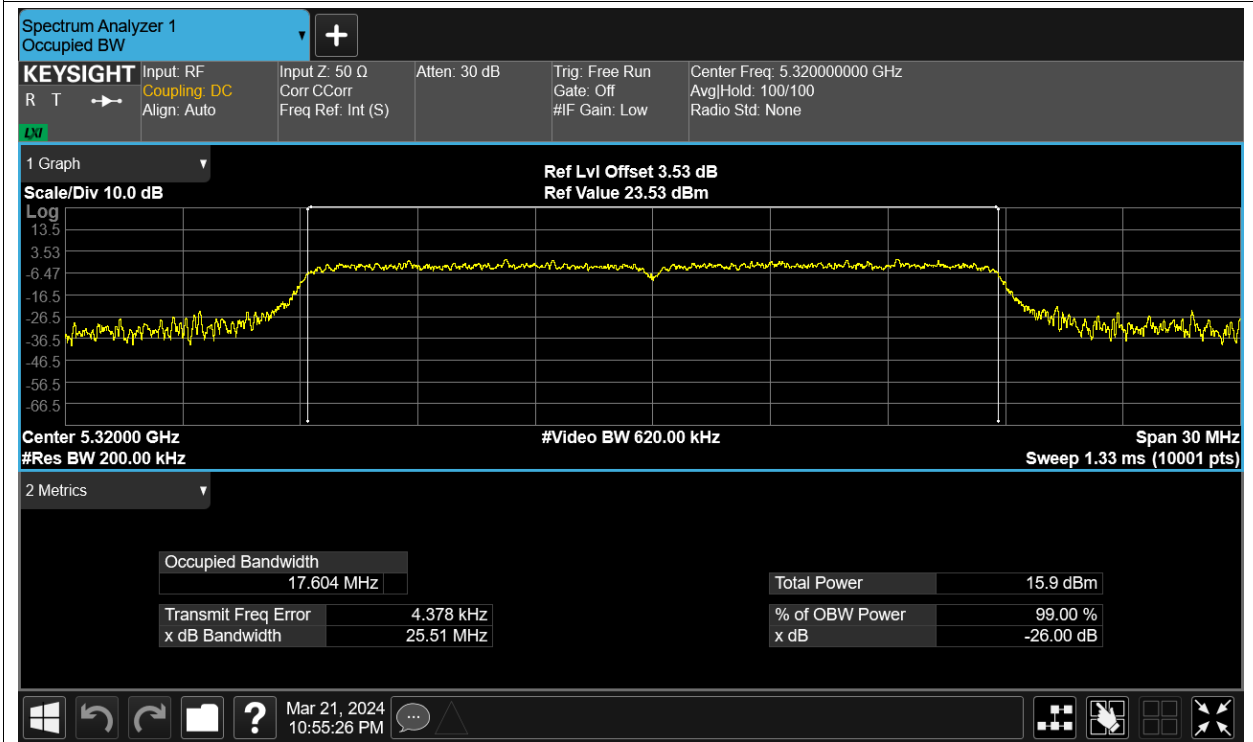
OBW NVNT ac20 5260MHz Ant4



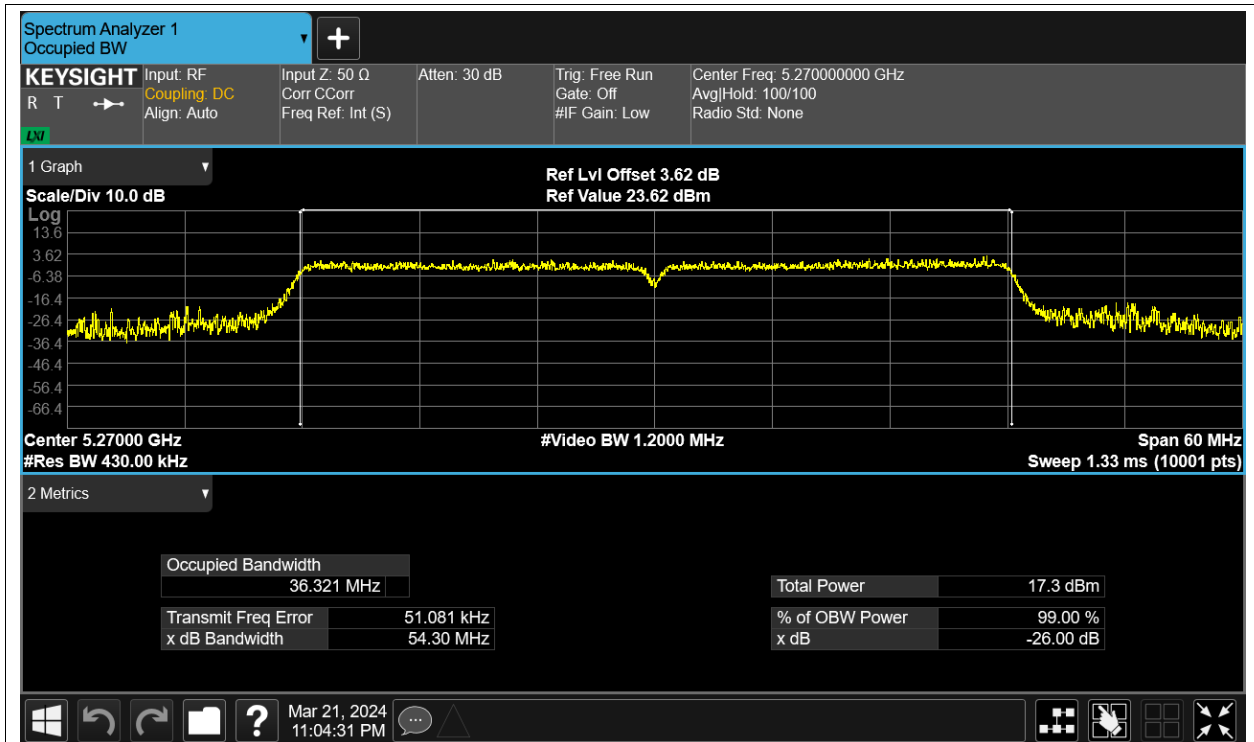
OBW NVNT ac20 5300MHz Ant4



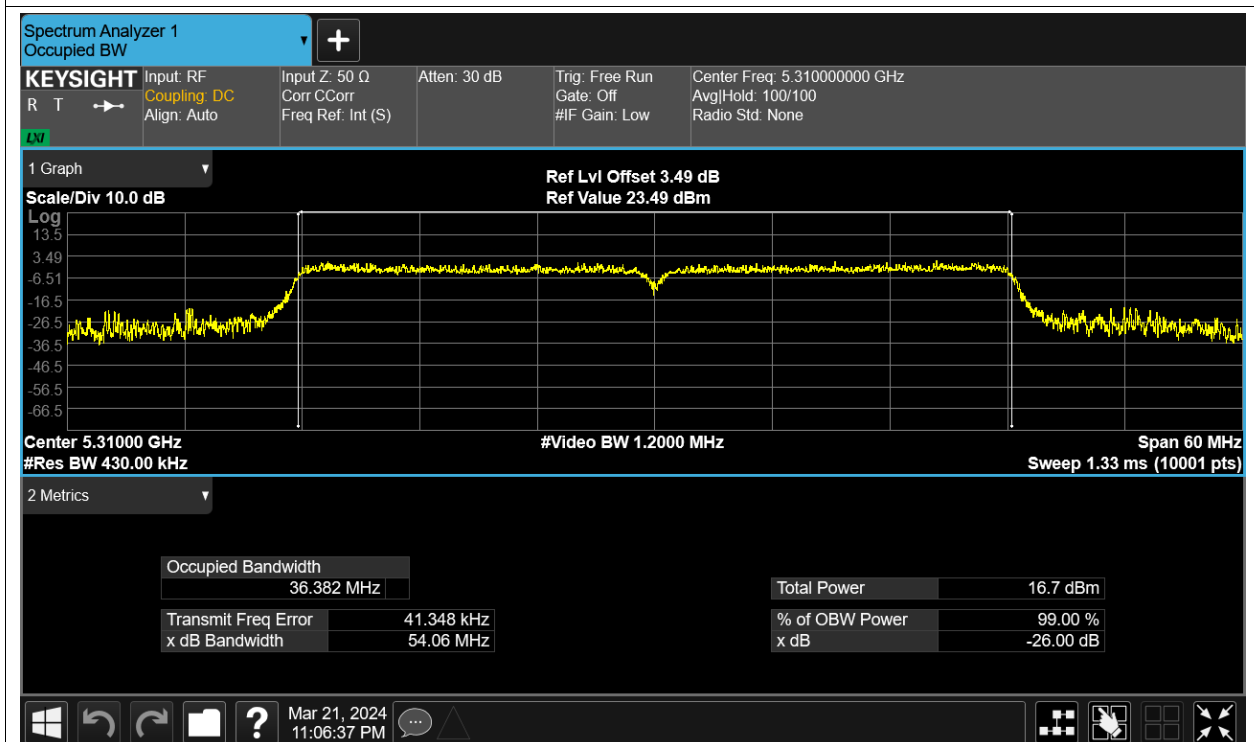
OBW NVNT ac20 5320MHz Ant4



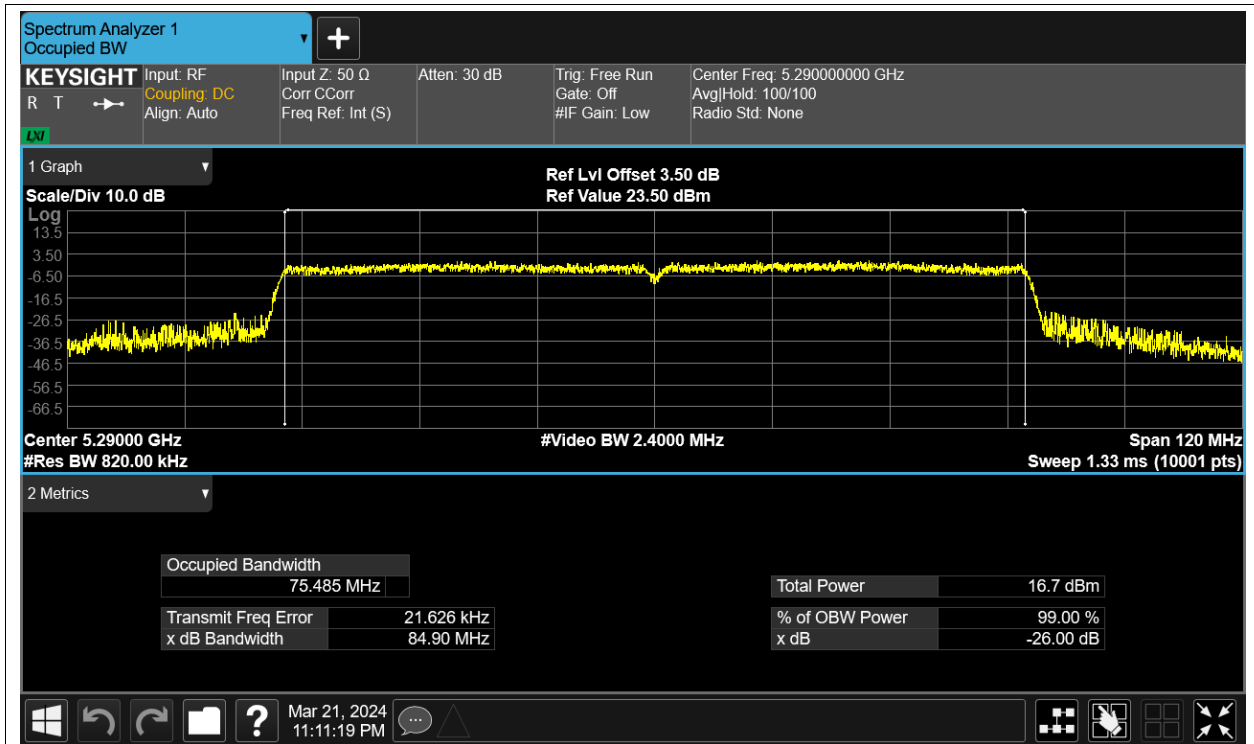
OBW NVNT ac40 5270MHz Ant4



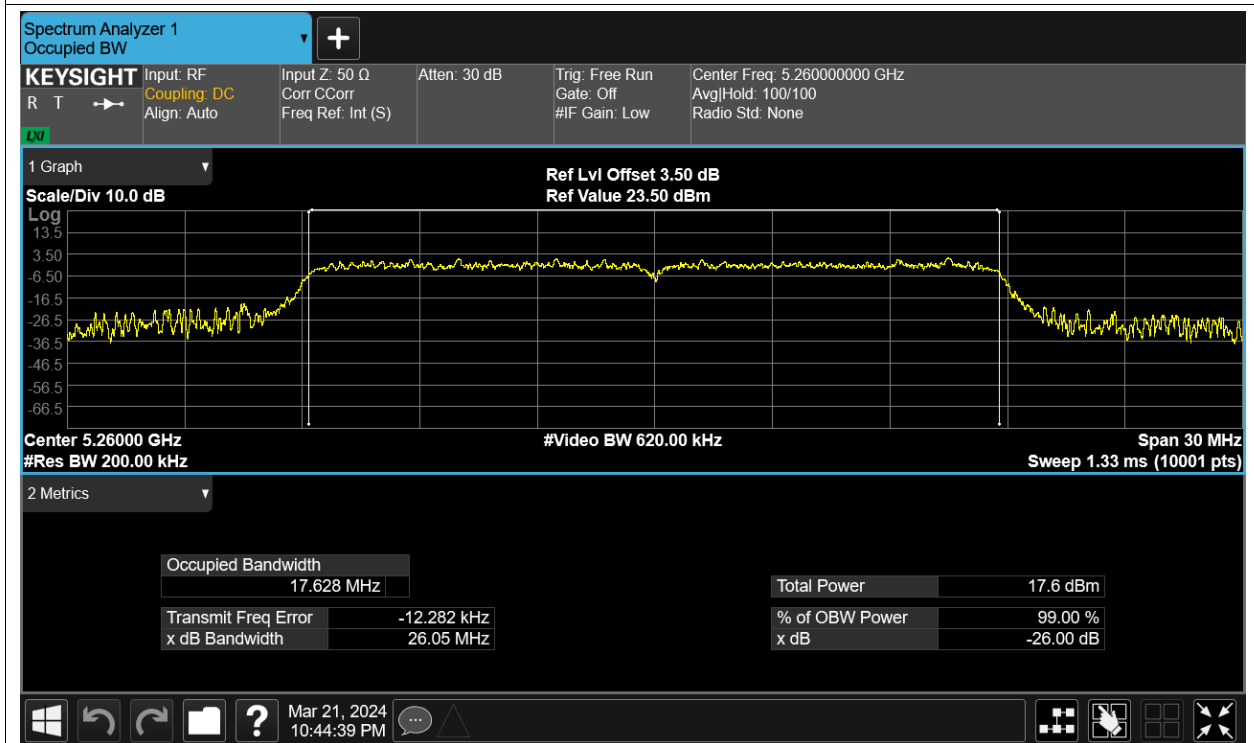
OBW NVNT ac40 5310MHz Ant4



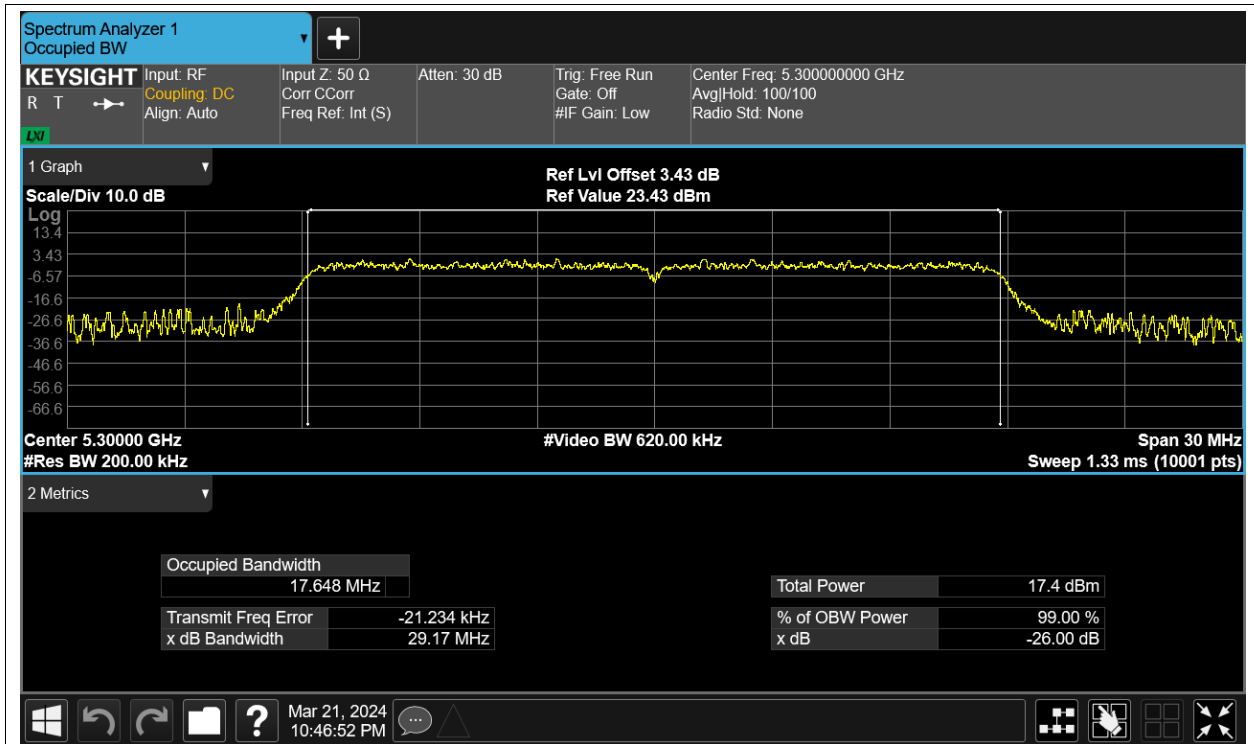
OBW NVNT ac80 5290MHz Ant4



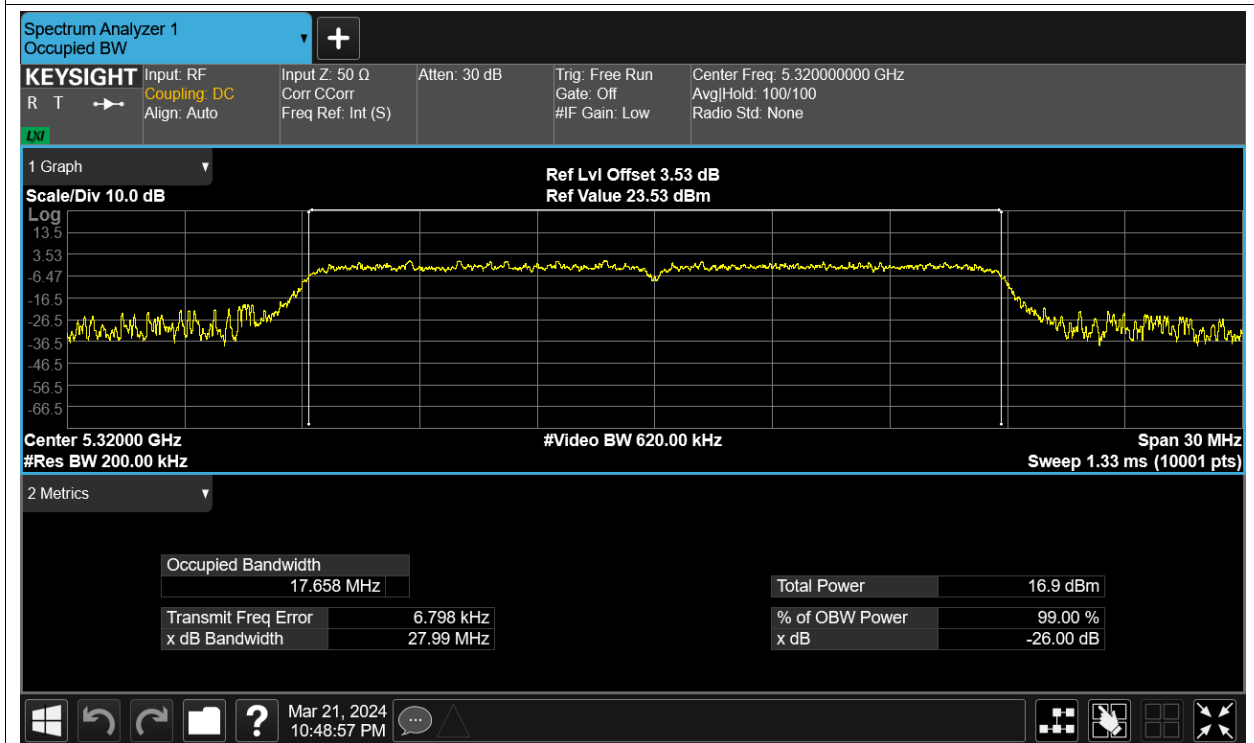
OBW NVNT n20 5260MHz Ant4



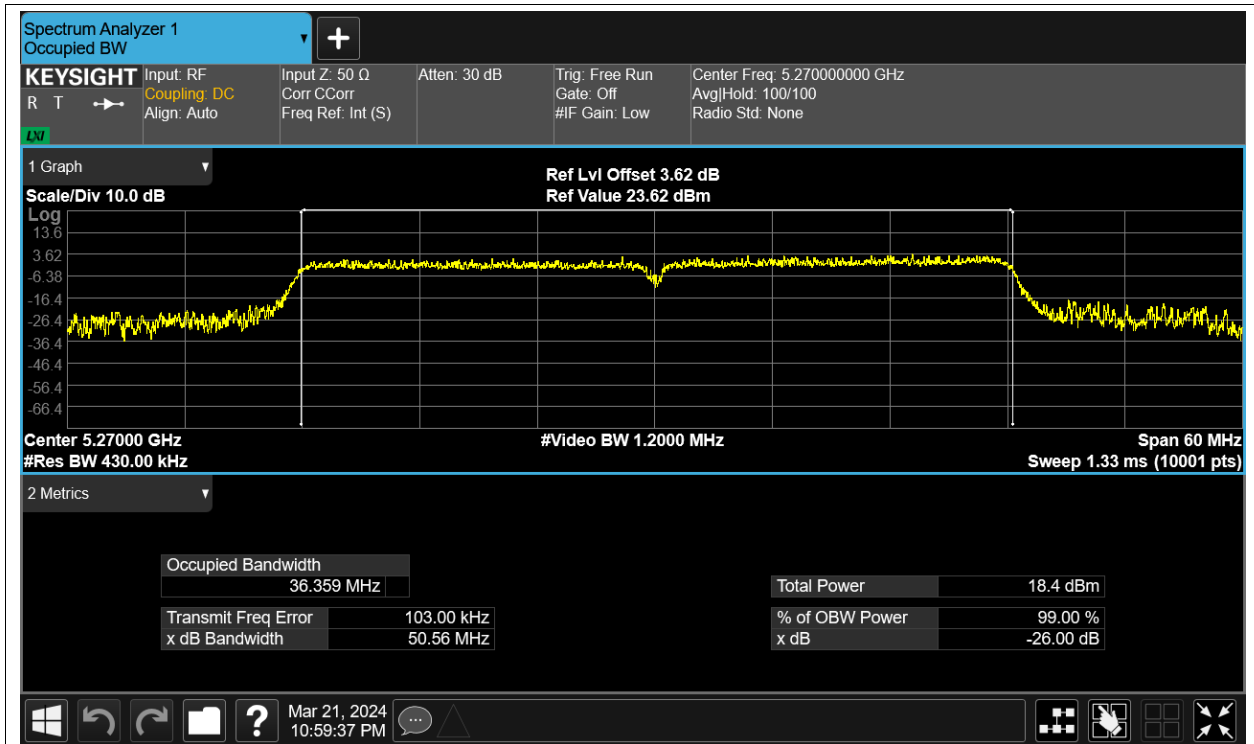
OBW NVNT n20 5300MHz Ant4



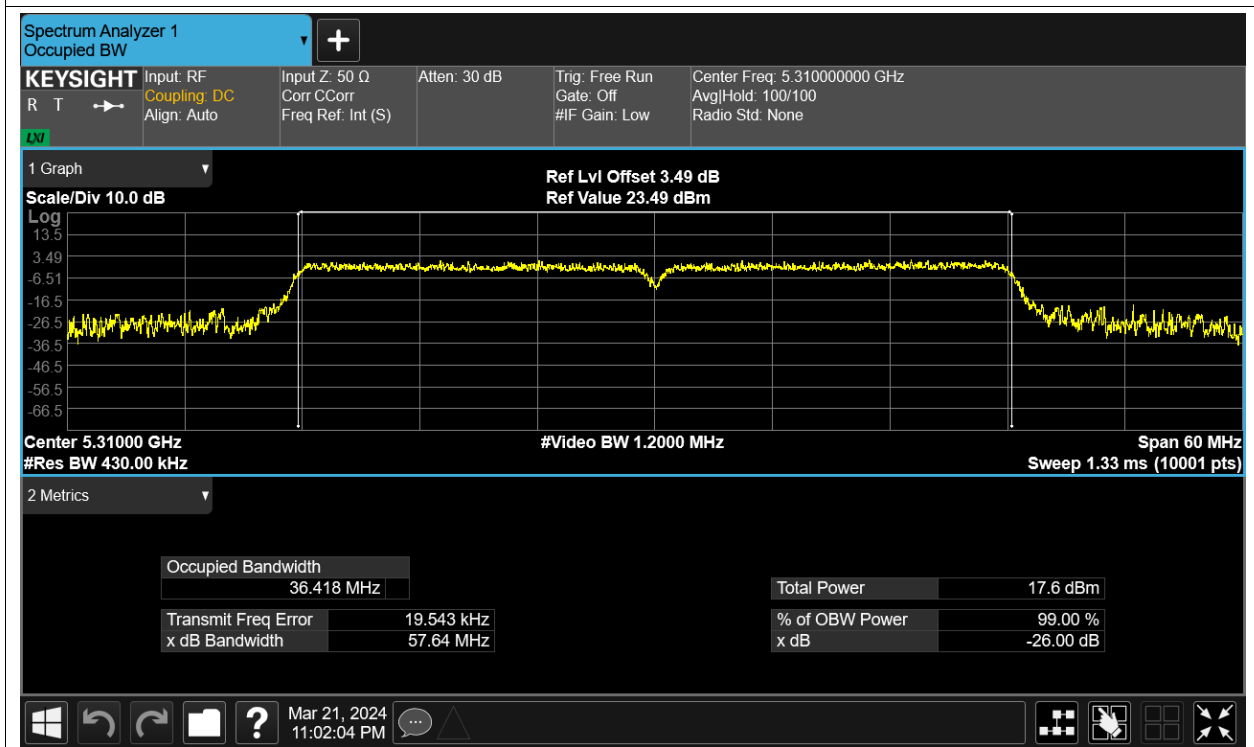
OBW NVNT n20 5320MHz Ant4



OBW NVNT n40 5270MHz Ant4

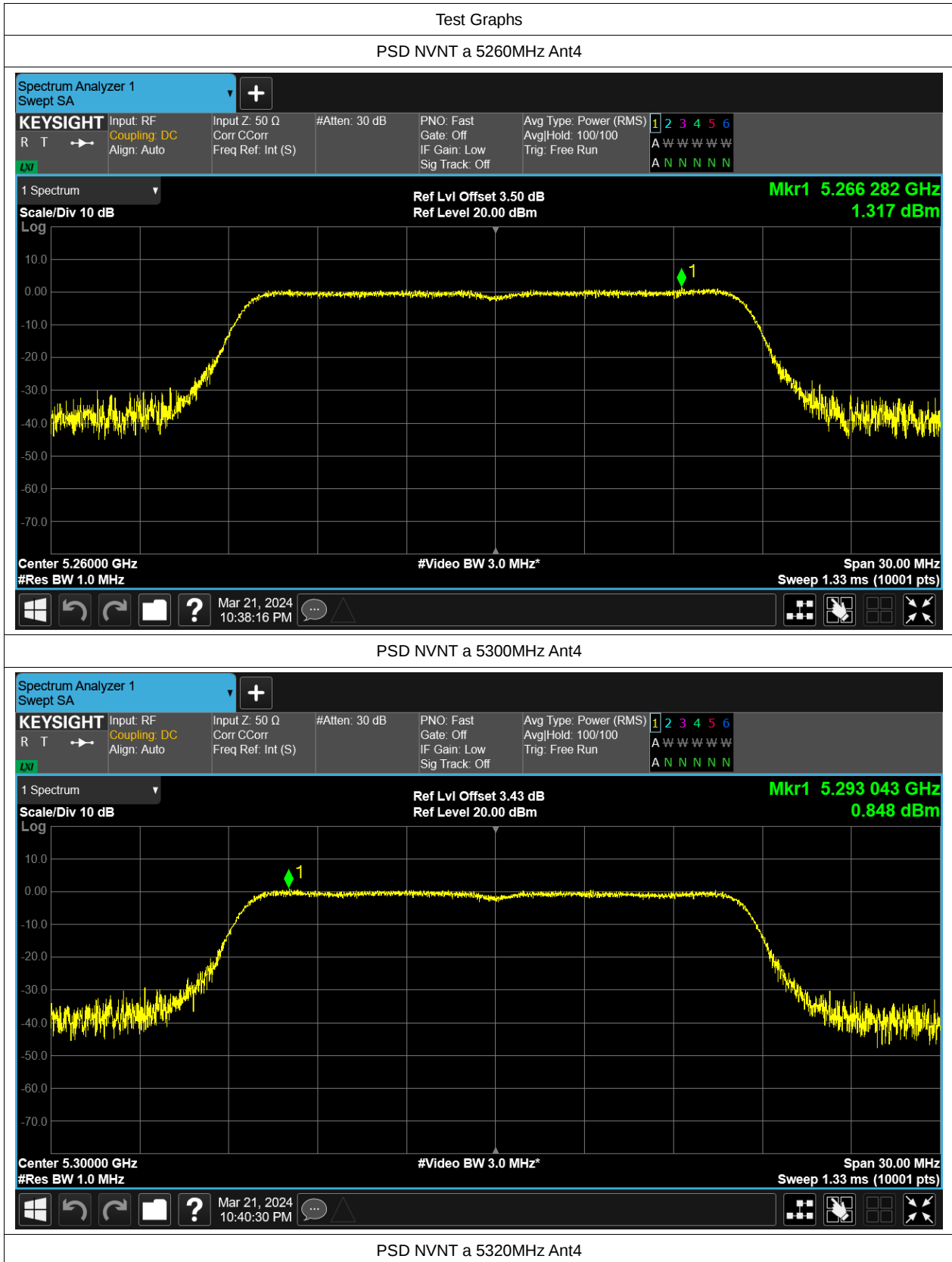


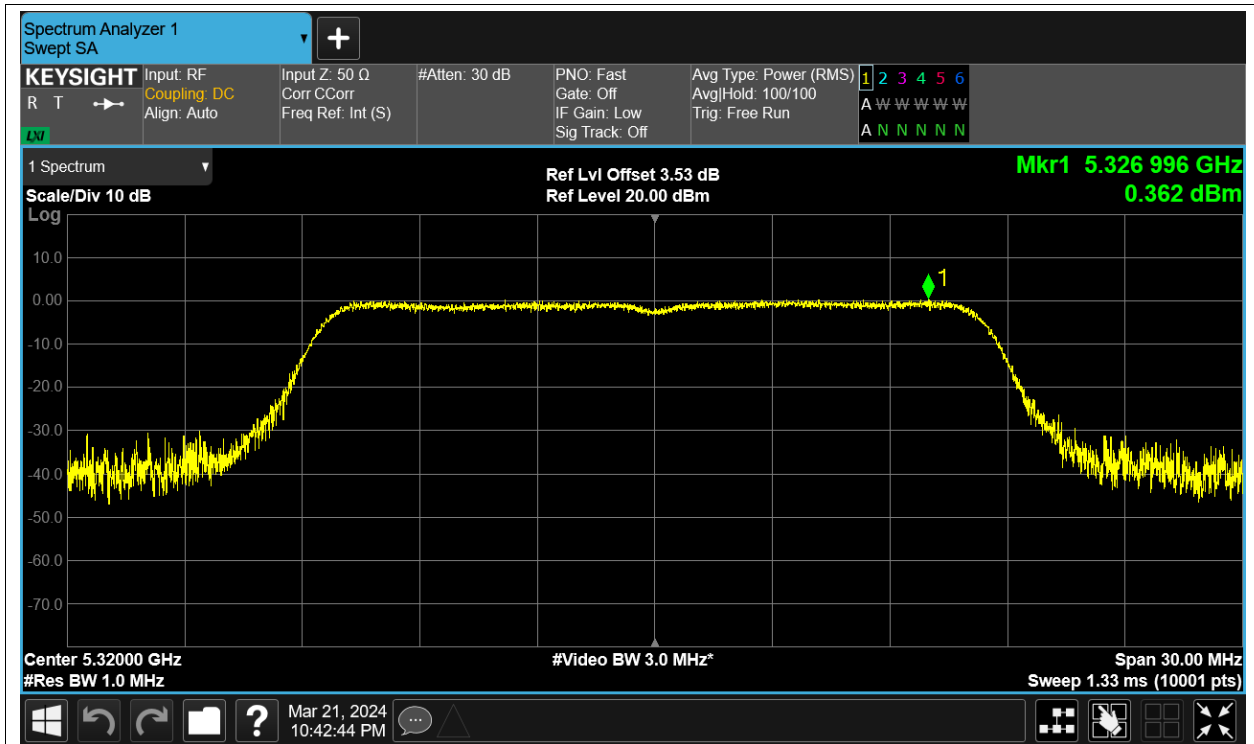
OBW NVNT n40 5310MHz Ant4



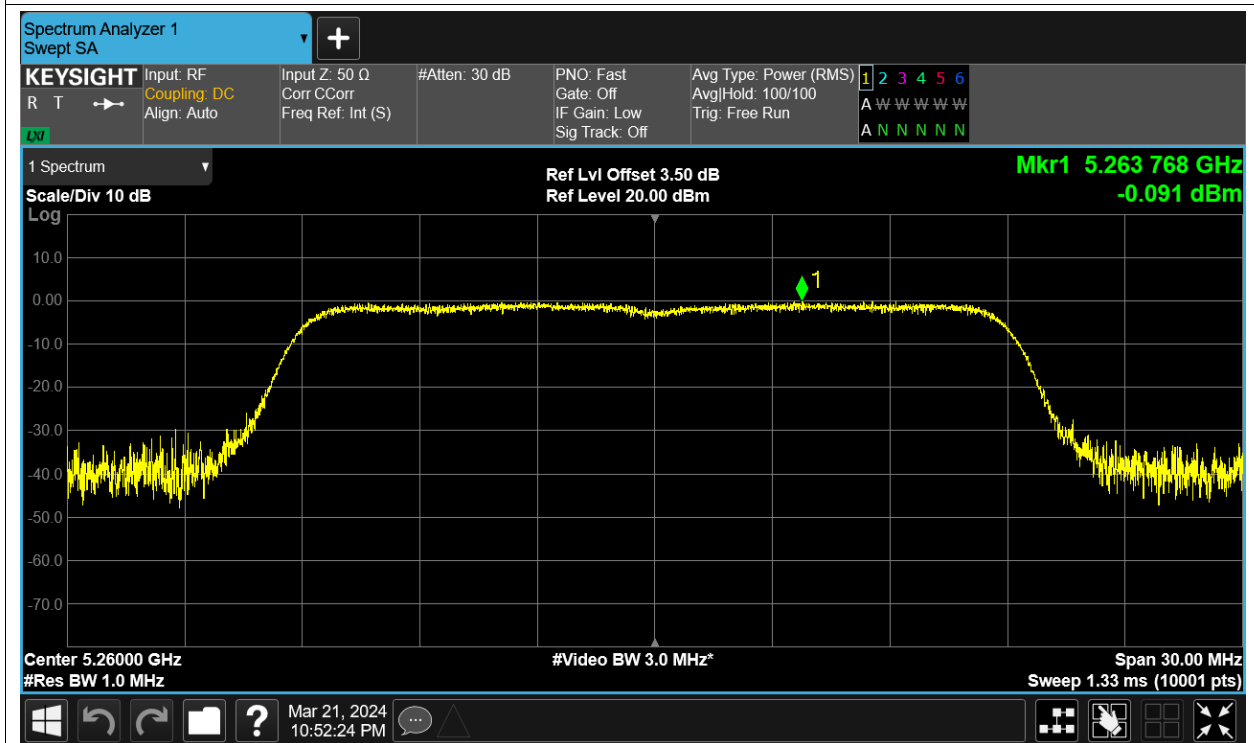
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant4	1.317	11	Pass
NVNT	a	5300	Ant4	0.848	11	Pass
NVNT	a	5320	Ant4	0.362	11	Pass
NVNT	ac20	5260	Ant4	-0.091	11	Pass
NVNT	ac20	5300	Ant4	-0.017	11	Pass
NVNT	ac20	5320	Ant4	-0.525	11	Pass
NVNT	ac40	5270	Ant4	-8.107	11	Pass
NVNT	ac40	5310	Ant4	-8.423	11	Pass
NVNT	ac80	5290	Ant4	-12.789	11	Pass
NVNT	n20	5260	Ant4	0.862	11	Pass
NVNT	n20	5300	Ant4	0.79	11	Pass
NVNT	n20	5320	Ant4	0.127	11	Pass
NVNT	n40	5270	Ant4	-7.919	11	Pass
NVNT	n40	5310	Ant4	-8.642	11	Pass

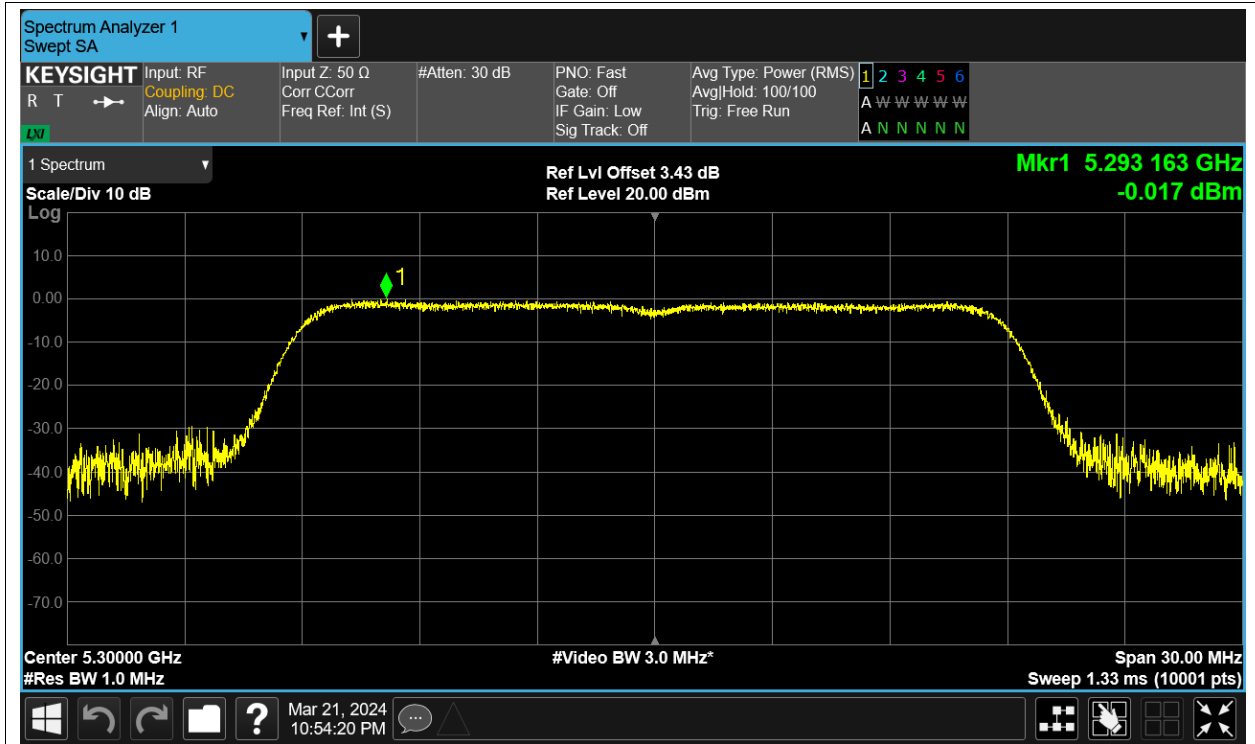




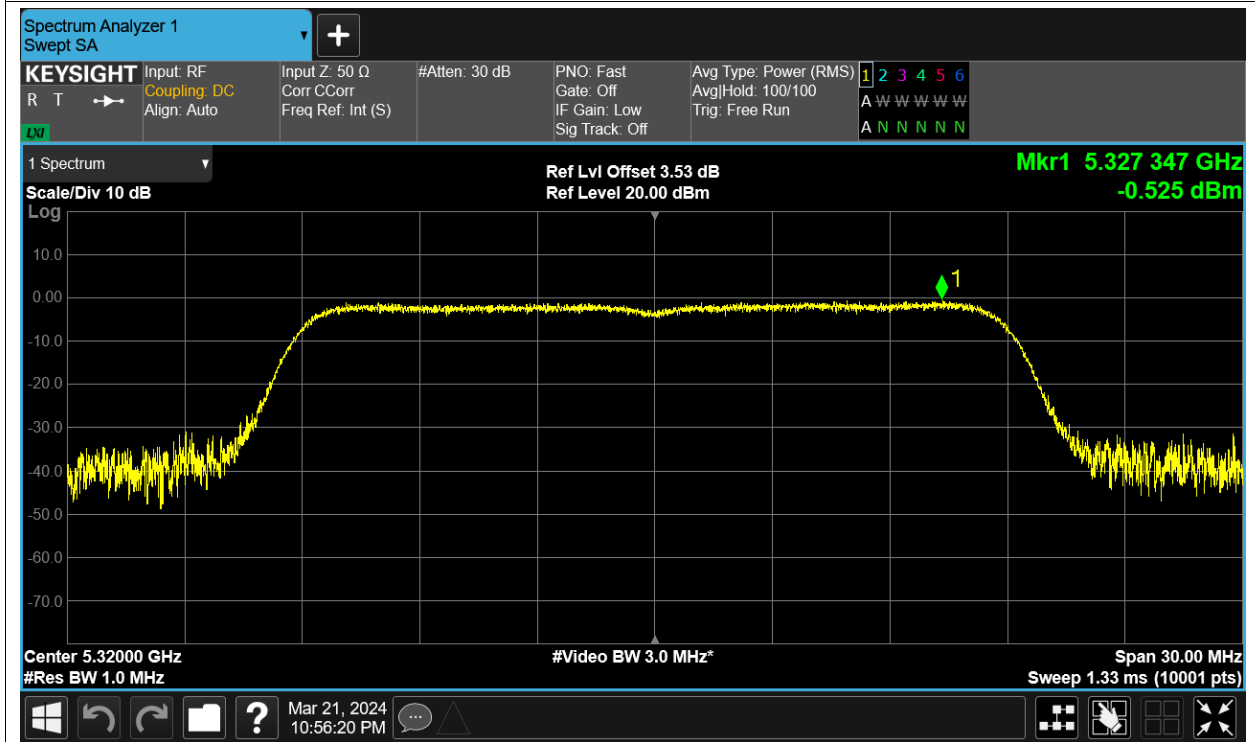
PSD NVNT ac20 5260MHz Ant4



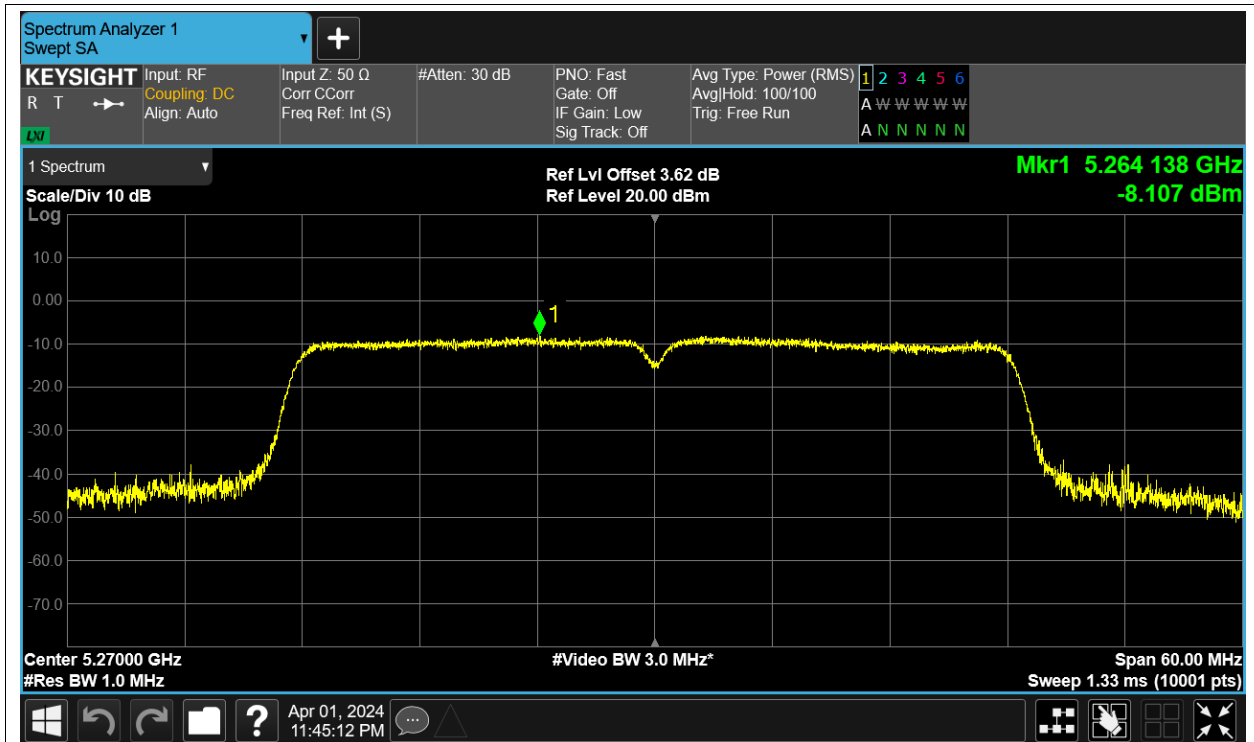
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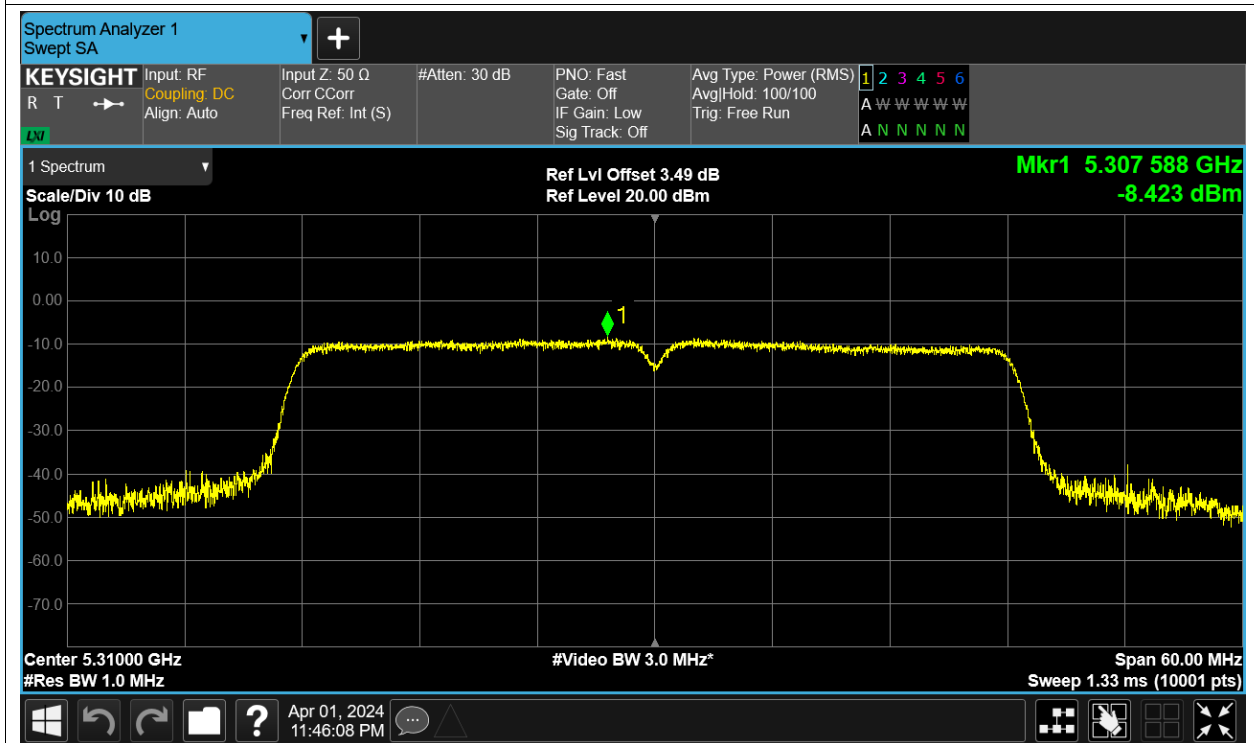
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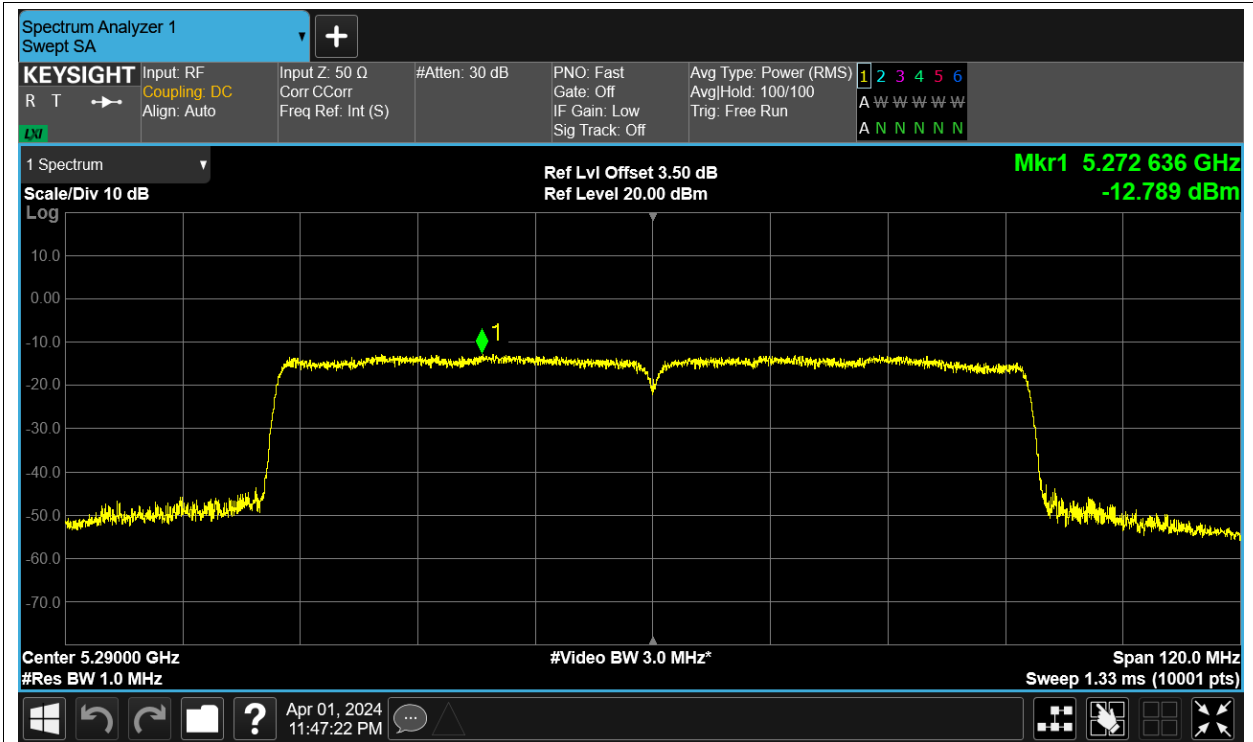
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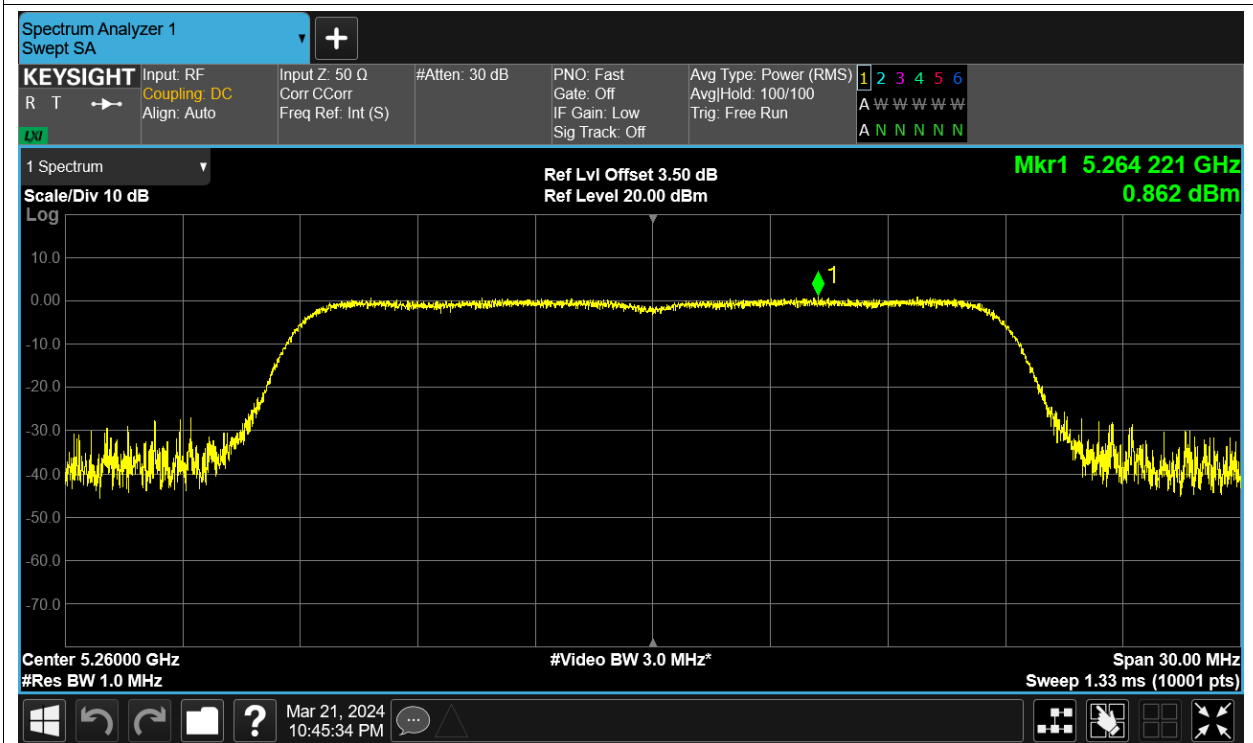
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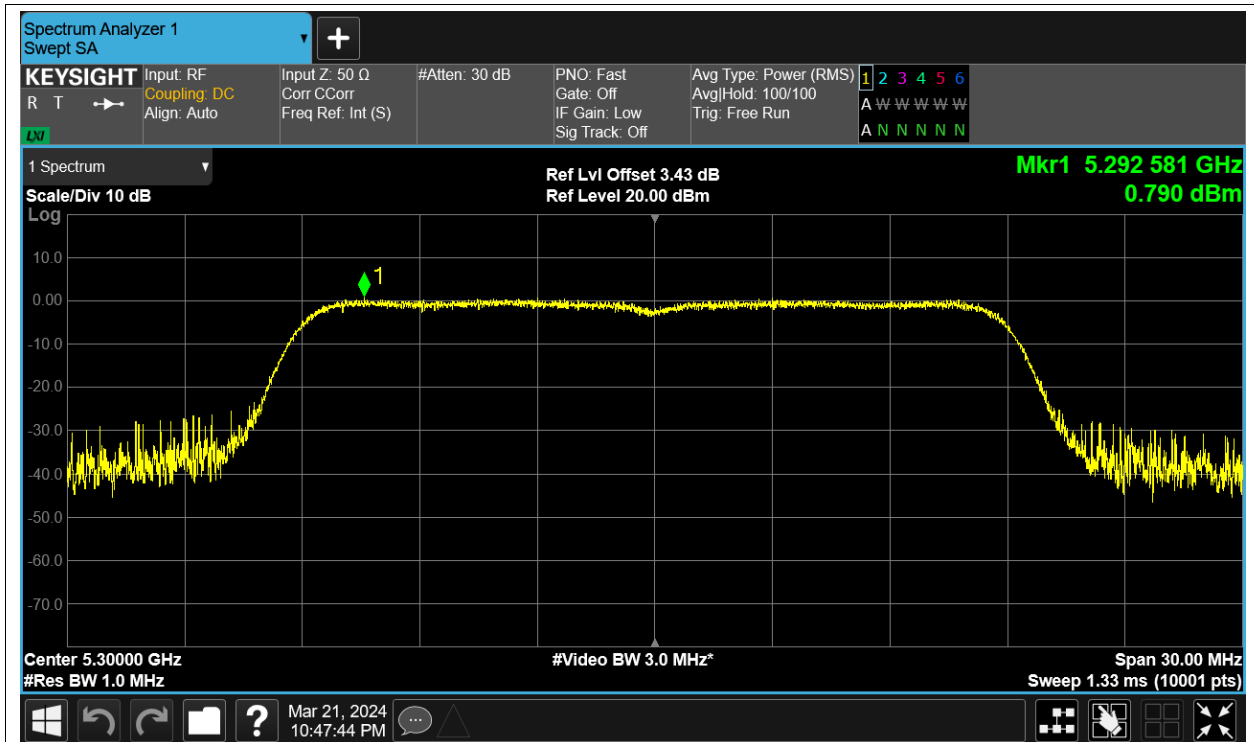
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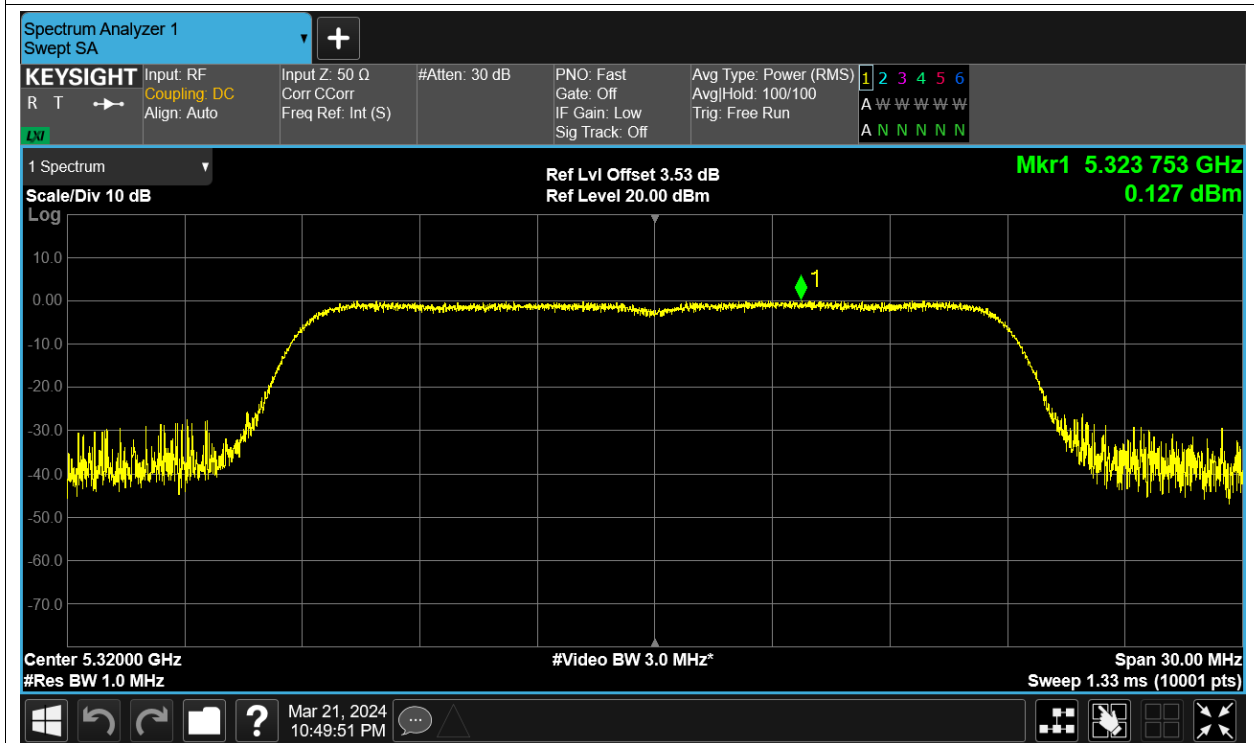
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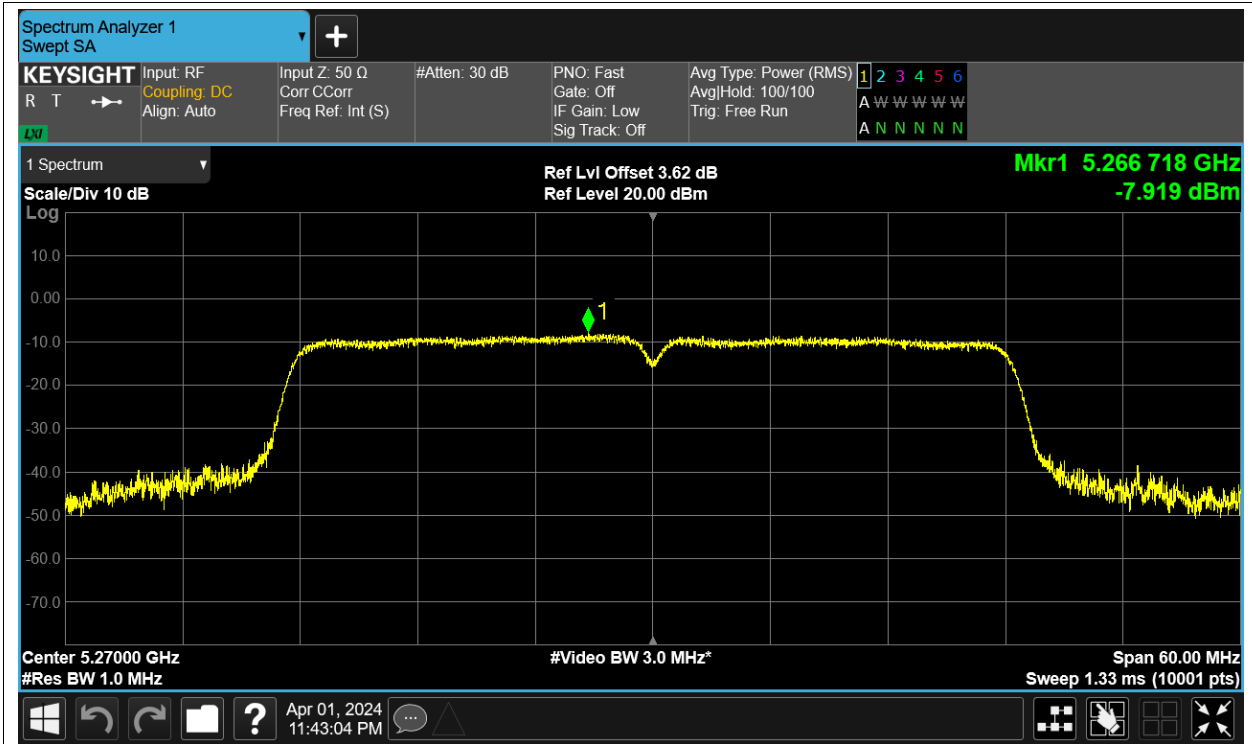
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PSD NVNT n20 5320MHz Ant4



PSD NVNT n40 5270MHz Ant4



PSD NVNT n40 5310MHz Ant4

