

Test Data

Frequency Stability

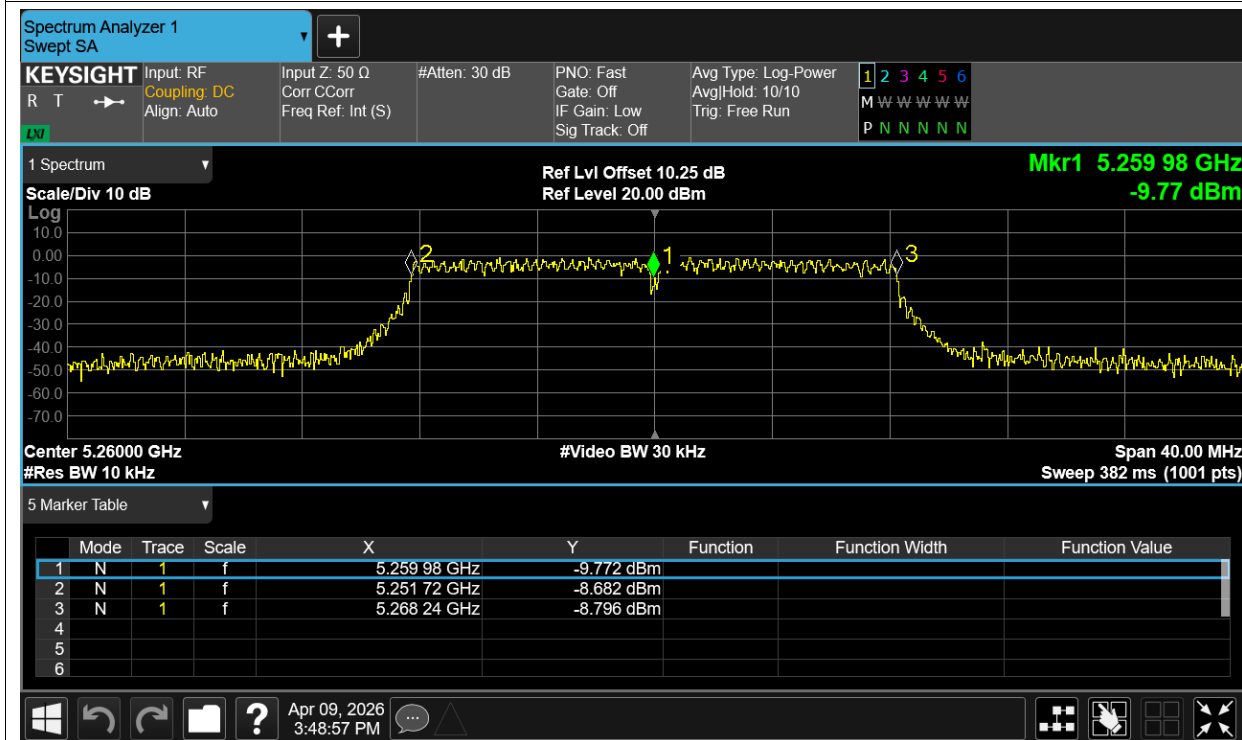
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5259.98	-3.8	Within authorized band	Pass
HVNT	a	5260	Ant2	5259.98	-3.8		Pass
LVNT	a	5260	Ant1	5259.98	-3.8		Pass
LVNT	a	5260	Ant2	5259.98	-3.8		Pass
NVHT	a	5260	Ant1	5259.98	-3.8		Pass
NVHT	a	5260	Ant2	5259.98	-3.8		Pass
NVLT	a	5260	Ant1	5259.98	-3.8		Pass
NVLT	a	5260	Ant2	5259.98	-3.8		Pass
NVNT	a	5260	Ant1	5260	0		Pass
NVNT	a	5260	Ant2	5259.98	-3.8		Pass
HVNT	ac20	5260	Sum	5259.98	-3.8		Pass
LVNT	ac20	5260	Sum	5259.96	-7.6		Pass
NVHT	ac20	5260	Sum	5259.98	-3.8		Pass
NVLT	ac20	5260	Sum	5259.96	-7.6		Pass
NVNT	ac20	5260	Sum	5259.96	-7.6		Pass
HVNT	ac40	5270	Sum	5270	0		Pass
LVNT	ac40	5270	Sum	5270	0		Pass
NVHT	ac40	5270	Sum	5270	0		Pass
NVLT	ac40	5270	Sum	5270	0		Pass
NVNT	ac40	5270	Sum	5270	0		Pass
HVNT	ac80	5290	Sum	5290	0		Pass
LVNT	ac80	5290	Sum	5290	0		Pass
NVHT	ac80	5290	Sum	5290	0		Pass
NVLT	ac80	5290	Sum	5290	0		Pass
NVNT	ac80	5290	Sum	5289.92	-15.12		Pass
HVNT	ax20	5260	Sum	5259.98	-3.8		Pass
LVNT	ax20	5260	Sum	5259.98	-3.8		Pass
NVHT	ax20	5260	Sum	5259.96	-7.6		Pass
NVLT	ax20	5260	Sum	5259.96	-7.6		Pass
NVNT	ax20	5260	Sum	5259.98	-3.8		Pass
HVNT	ax40	5270	Sum	5269.96	-7.59		Pass
LVNT	ax40	5270	Sum	5269.96	-7.59		Pass
NVHT	ax40	5270	Sum	5269.96	-7.59		Pass
NVLT	ax40	5270	Sum	5269.96	-7.59		Pass
NVNT	ax40	5270	Sum	5270	0		Pass
HVNT	ax80	5290	Sum	5290	0		Pass
LVNT	ax80	5290	Sum	5289.92	-15.12		Pass
NVHT	ax80	5290	Sum	5290	0		Pass
NVLT	ax80	5290	Sum	5290	0		Pass

NVNT	ax80	5290	Sum	5290	0		Pass
HVNT	n20	5260	Sum	5260	0		Pass
LVNT	n20	5260	Sum	5259.98	-3.8		Pass
NVHT	n20	5260	Sum	5260	0		Pass
NVLT	n20	5260	Sum	5260	0		Pass
NVNT	n20	5260	Sum	5259.98	-3.8		Pass
HVNT	n40	5270	Sum	5270	0		Pass
LVNT	n40	5270	Sum	5270	0		Pass
NVHT	n40	5270	Sum	5270	0		Pass
NVLT	n40	5270	Sum	5269.96	-7.59		Pass
NVNT	n40	5270	Sum	5269.96	-7.59		Pass

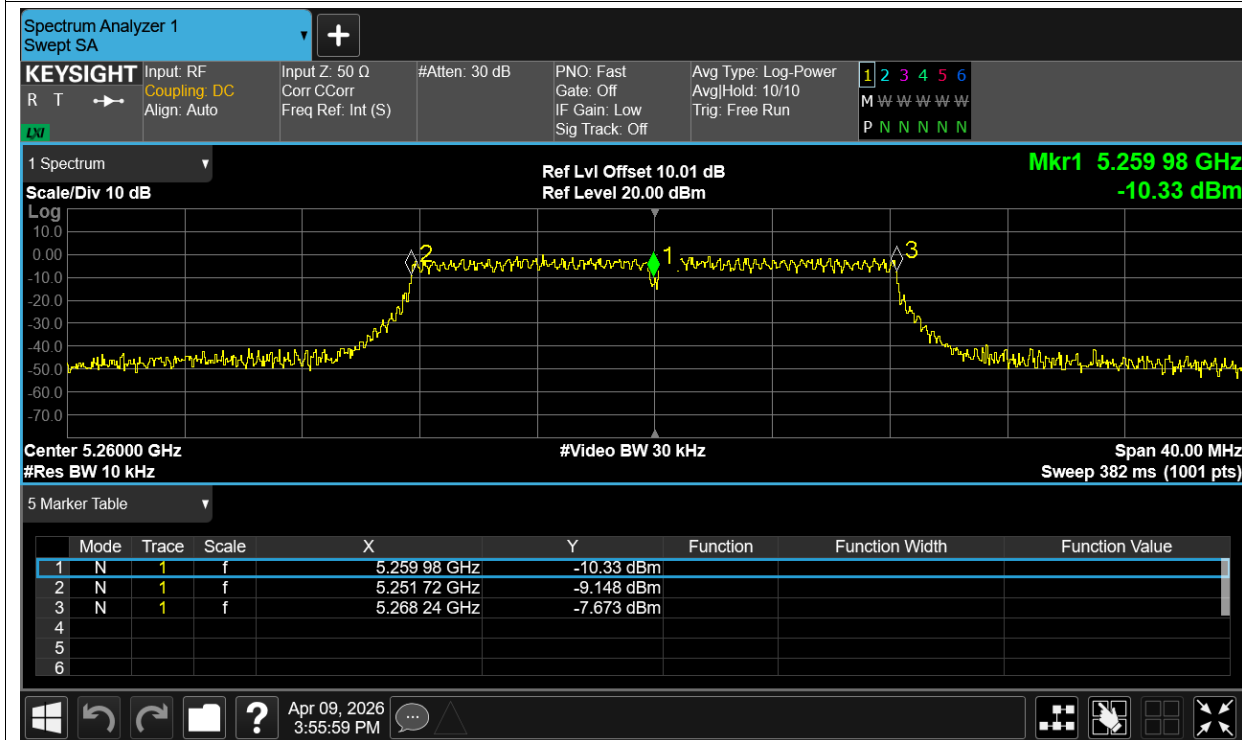
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

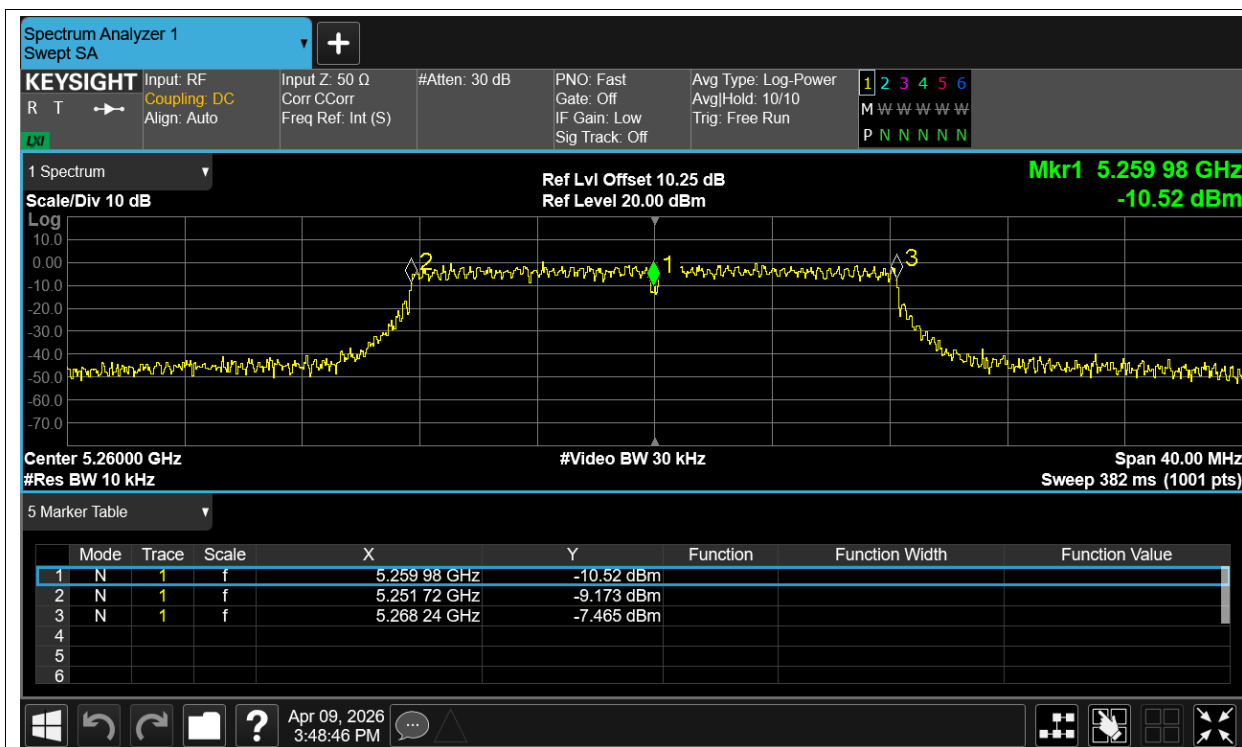
Freq. Stability HVNT a 5260MHz Ant1



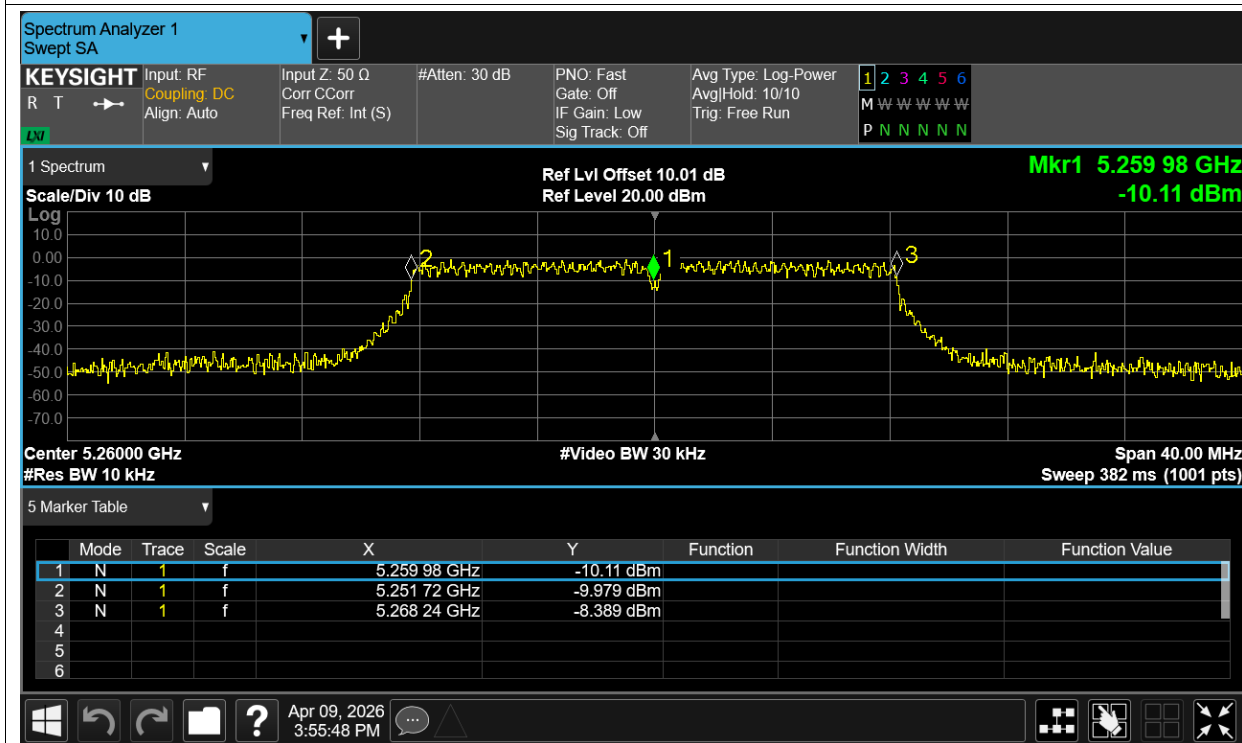
Freq. Stability HVNT a 5260MHz Ant2



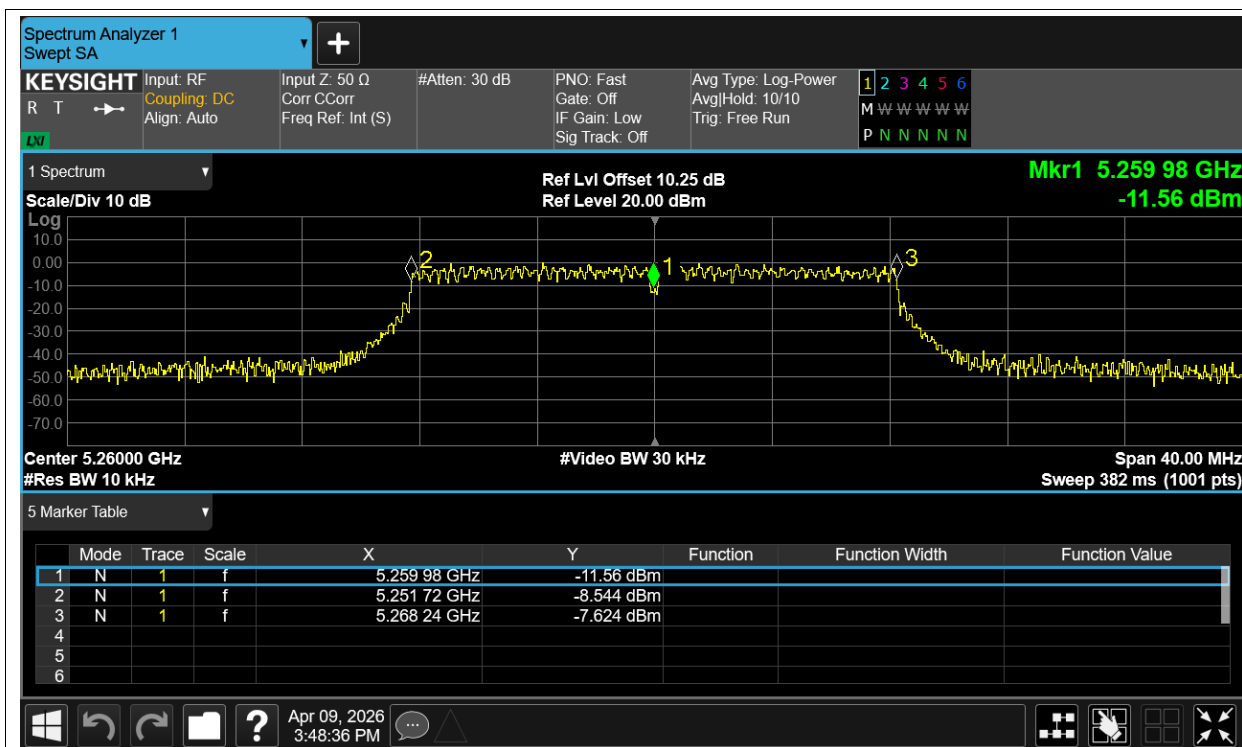
Freq. Stability LVNT a 5260MHz Ant1



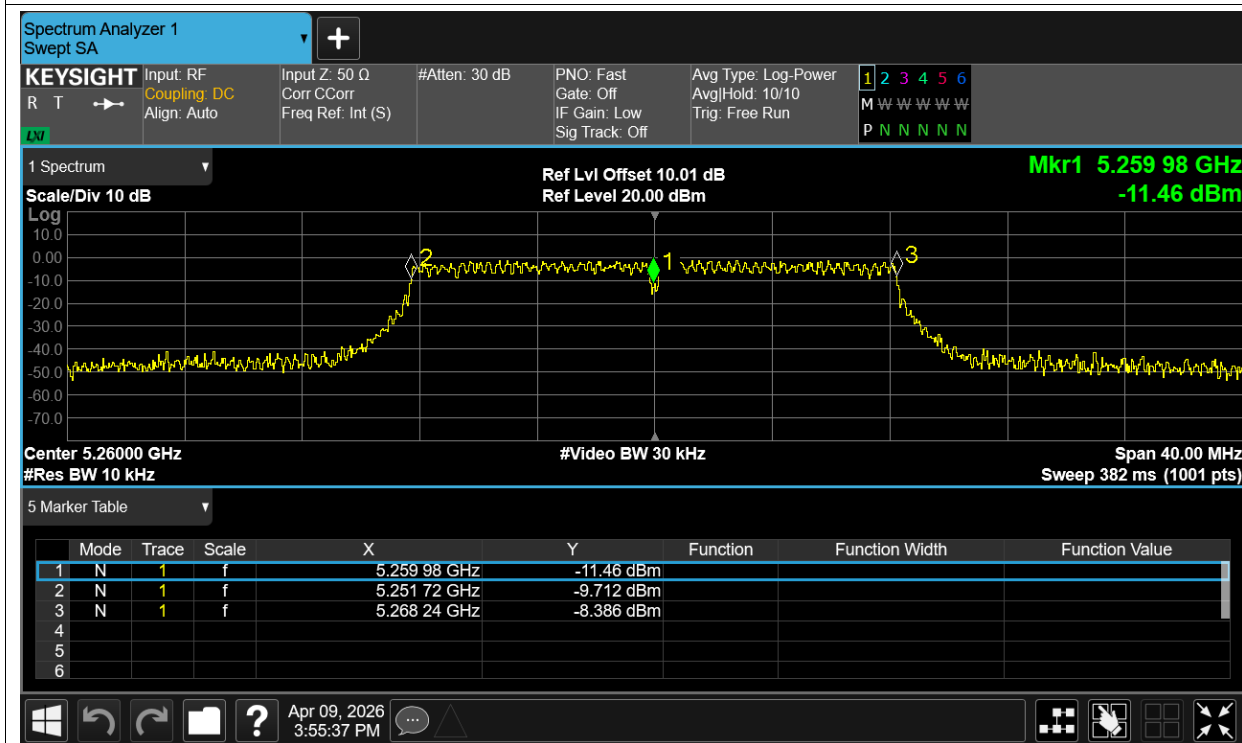
Freq. Stability LVNT a 5260MHz Ant2



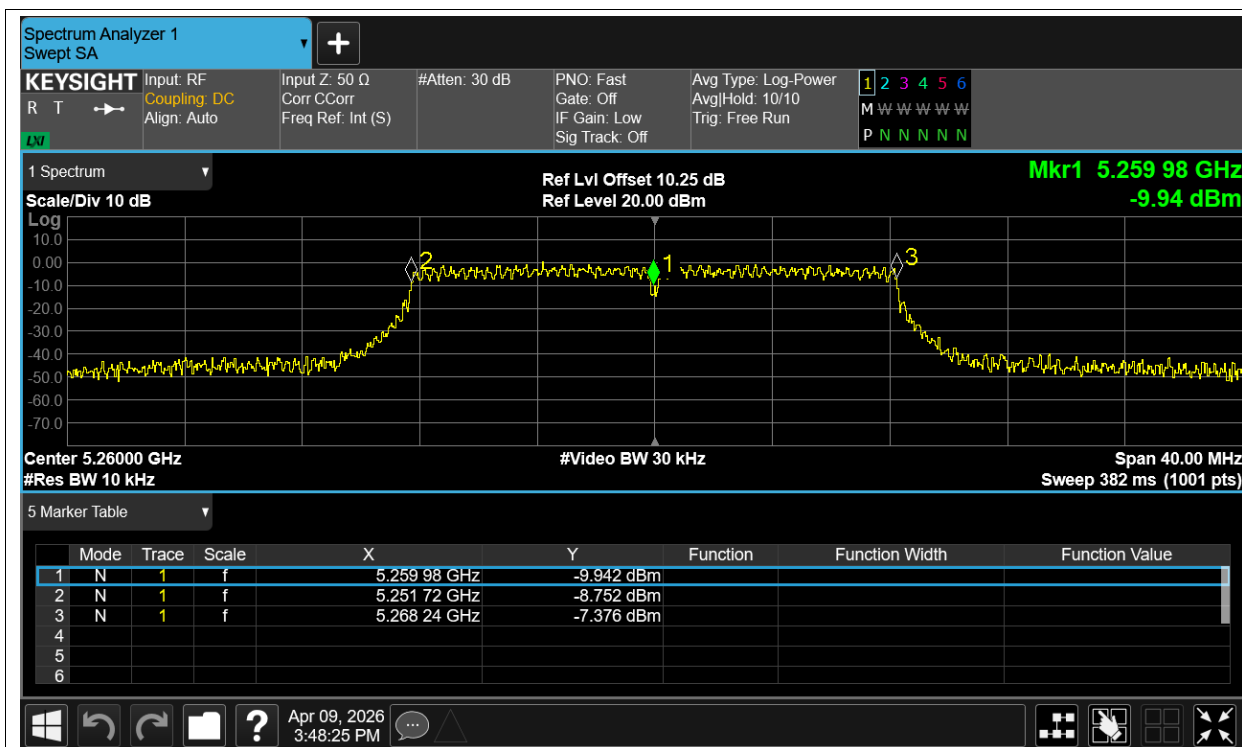
Freq. Stability NVHT a 5260MHz Ant1



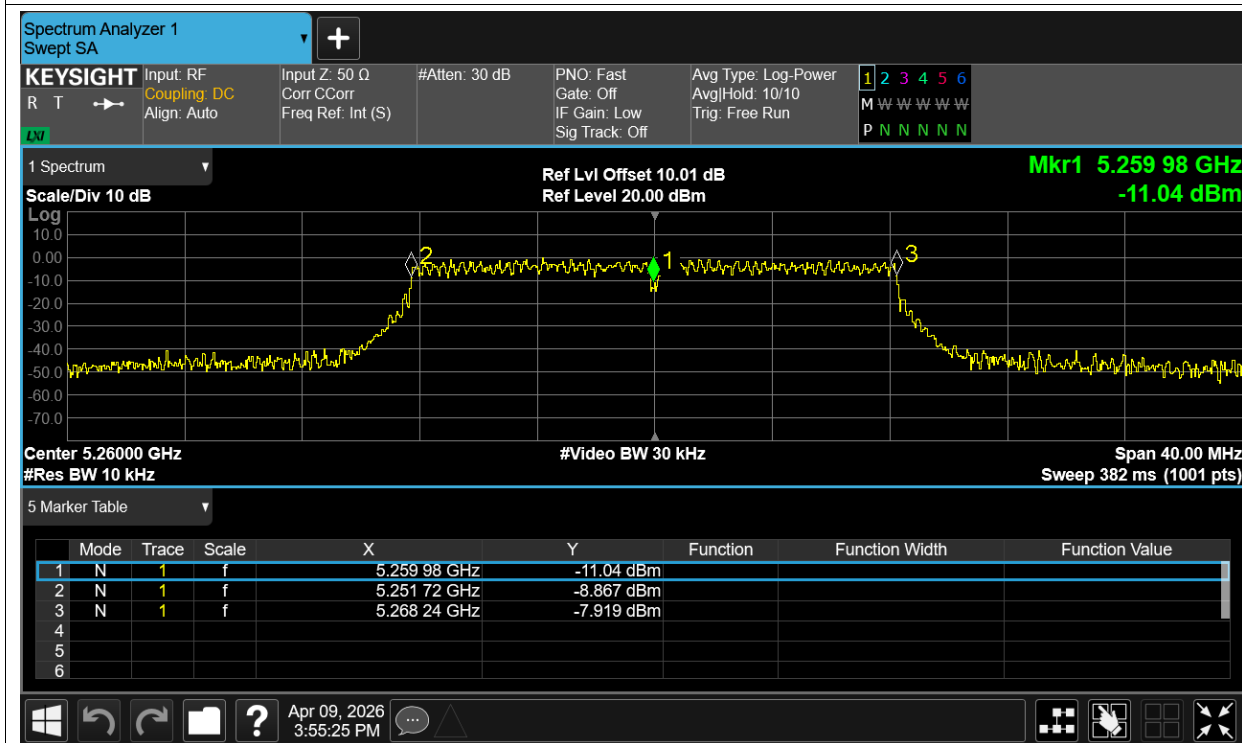
Freq. Stability NVHT a 5260MHz Ant2



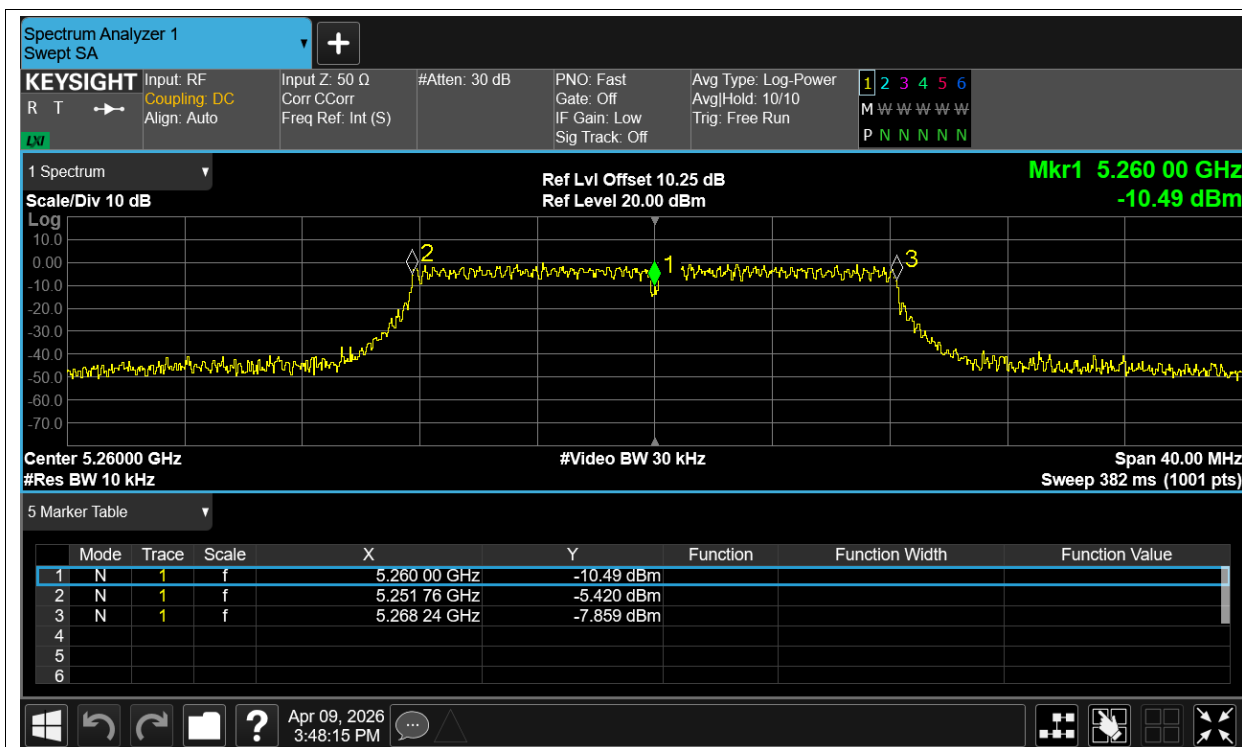
Freq. Stability NVLT a 5260MHz Ant1



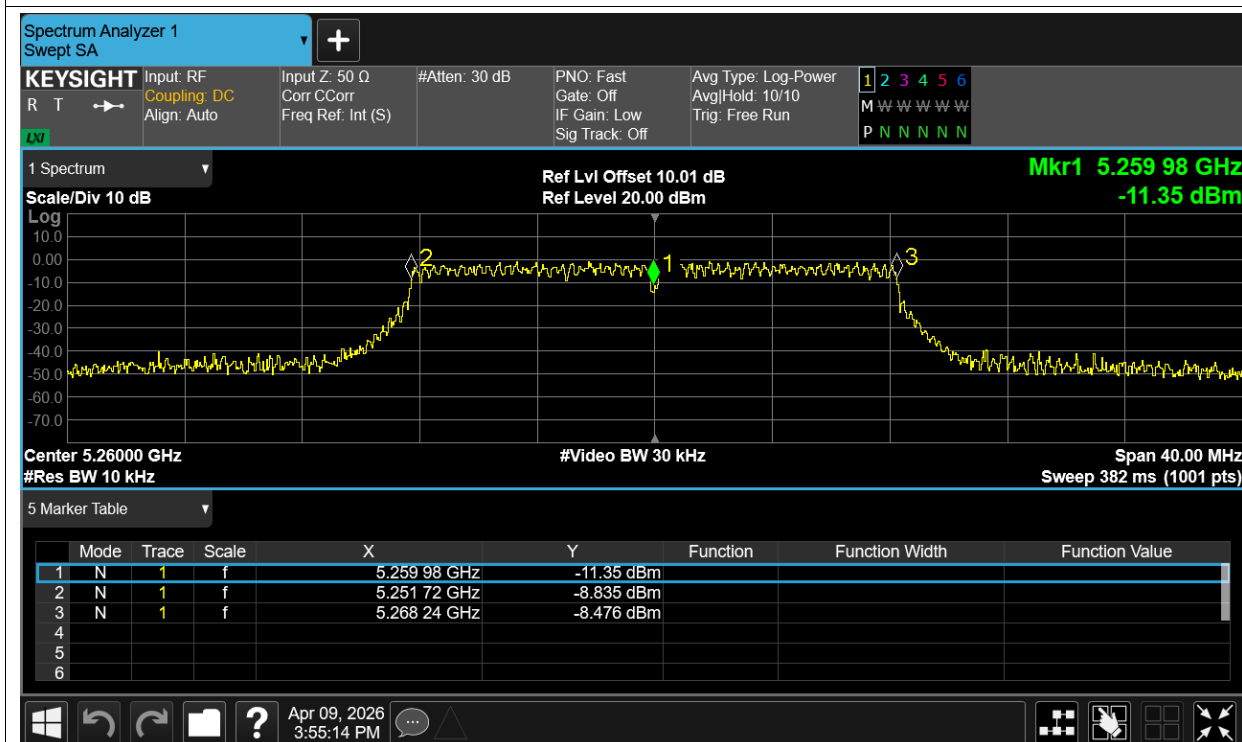
Freq. Stability NVLT a 5260MHz Ant2



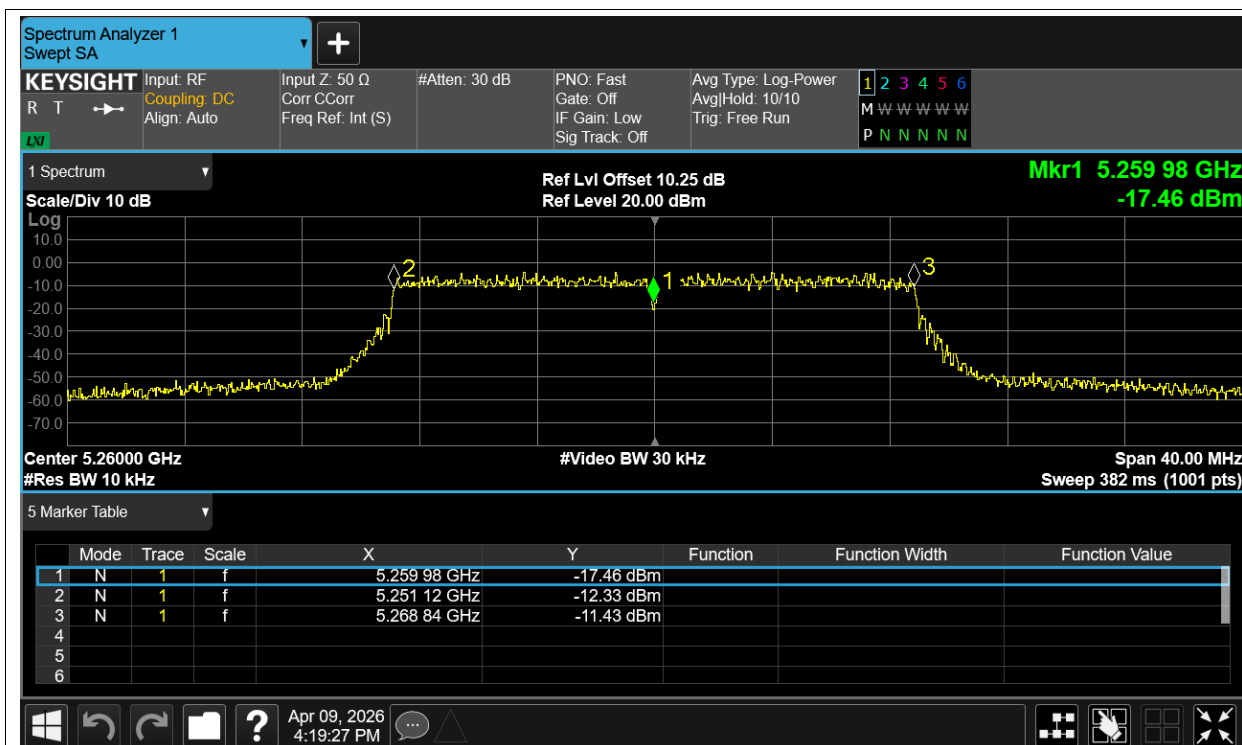
Freq. Stability NVNT a 5260MHz Ant1



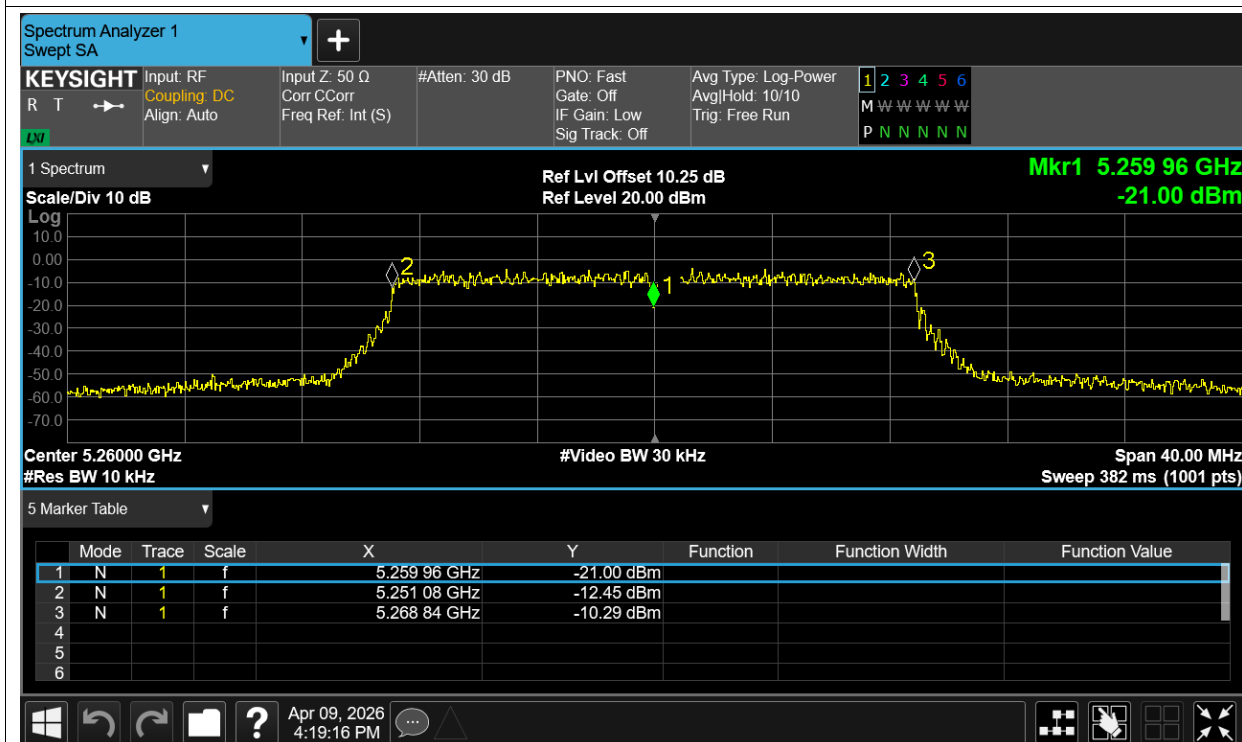
Freq. Stability NVNT a 5260MHz Ant2



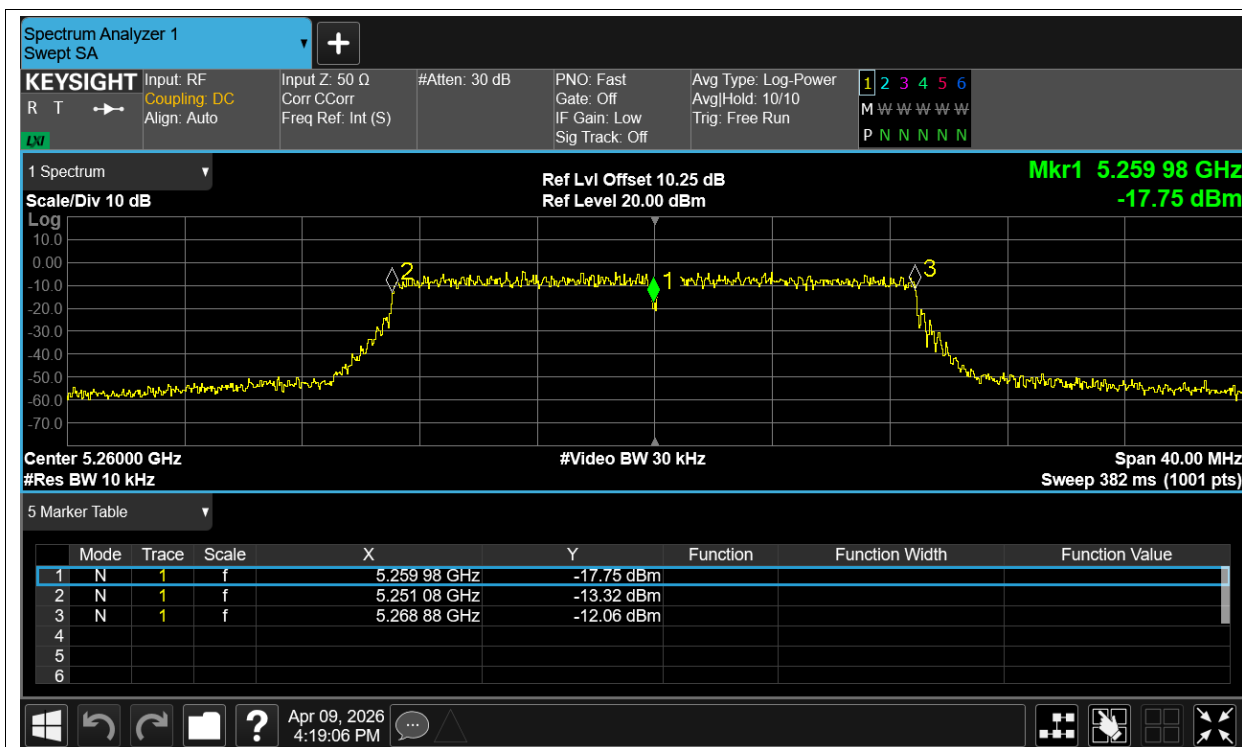
Freq. Stability HVNT ac20 5260MHz Sum



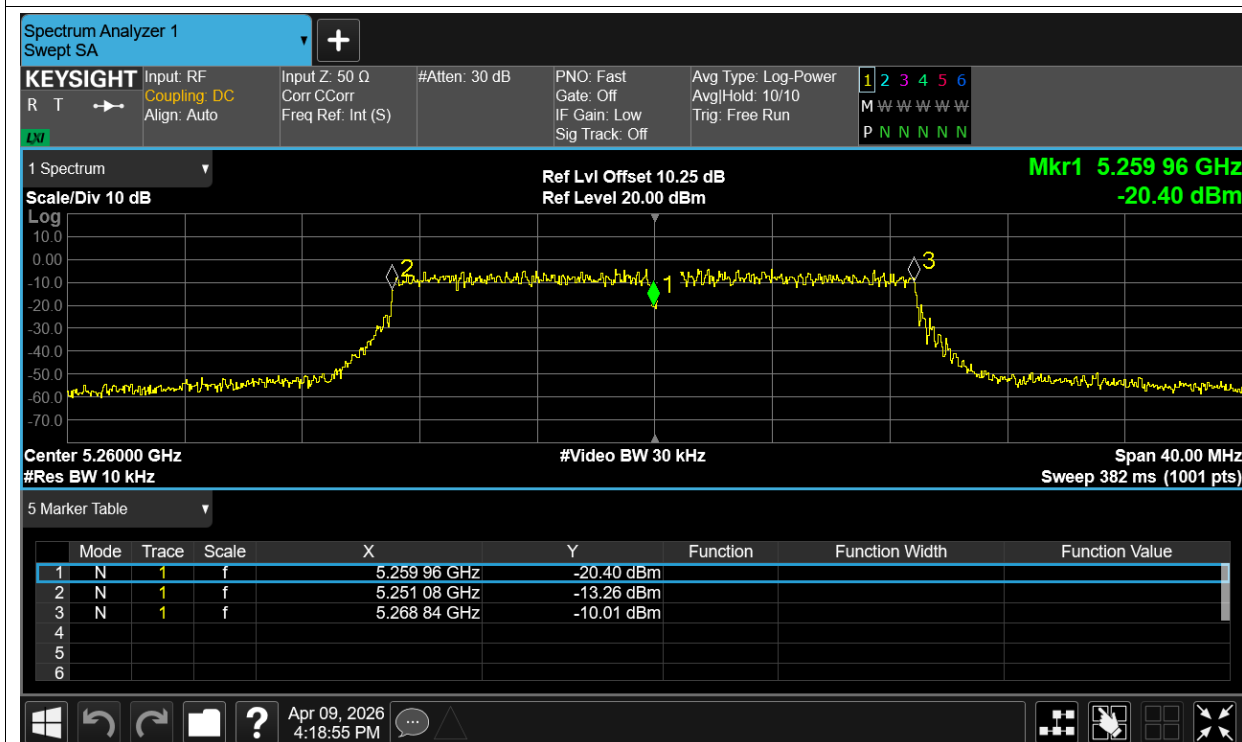
Freq. Stability LVNT ac20 5260MHz Sum



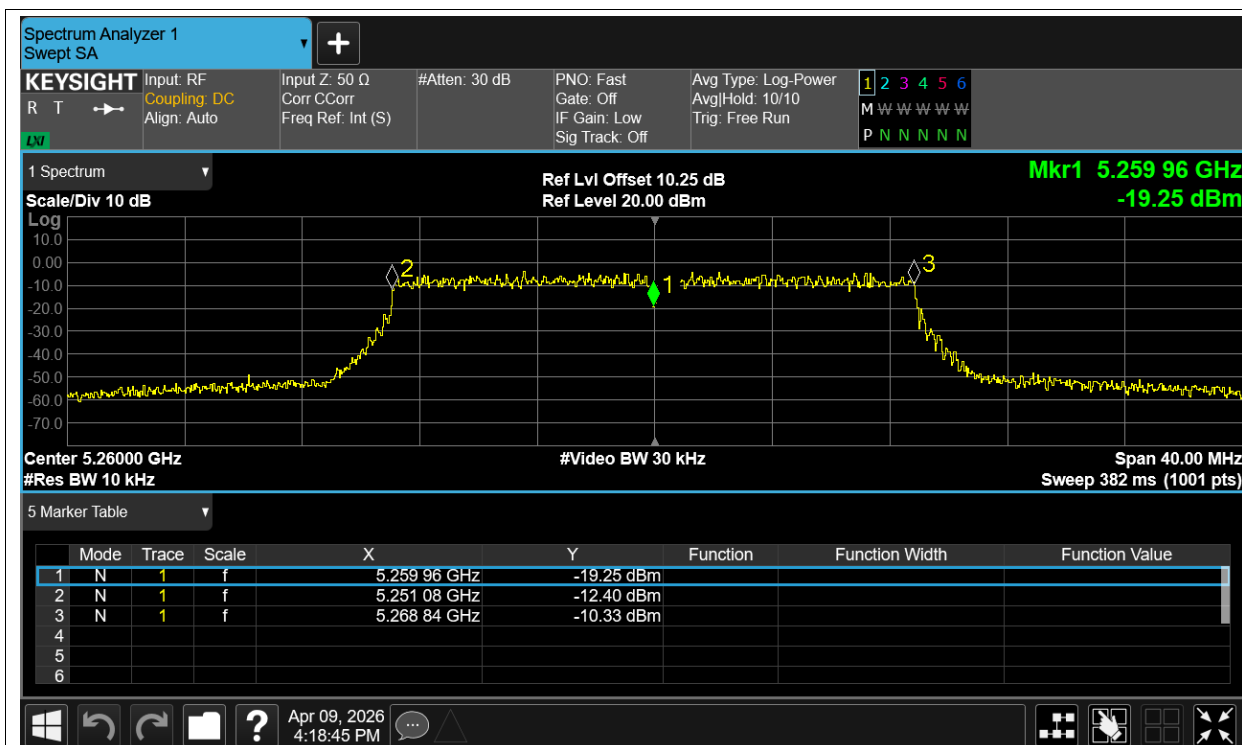
Freq. Stability NVHT ac20 5260MHz Sum



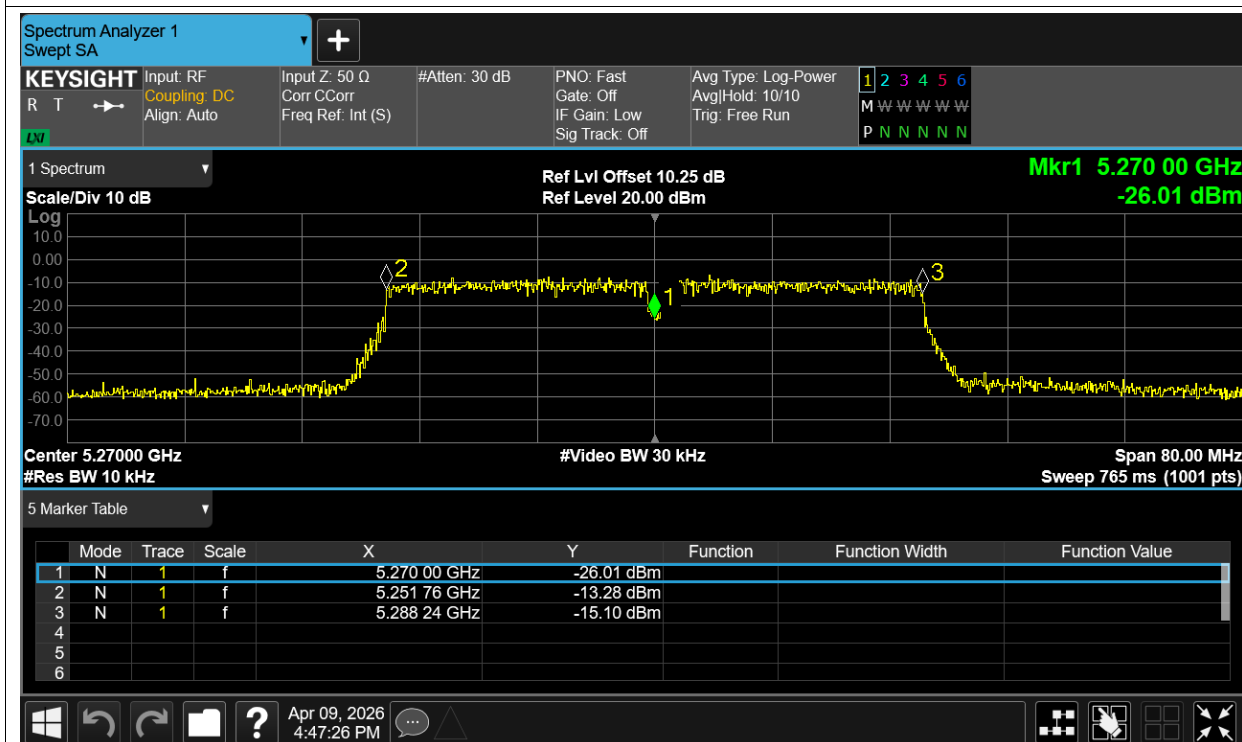
Freq. Stability NVLT ac20 5260MHz Sum



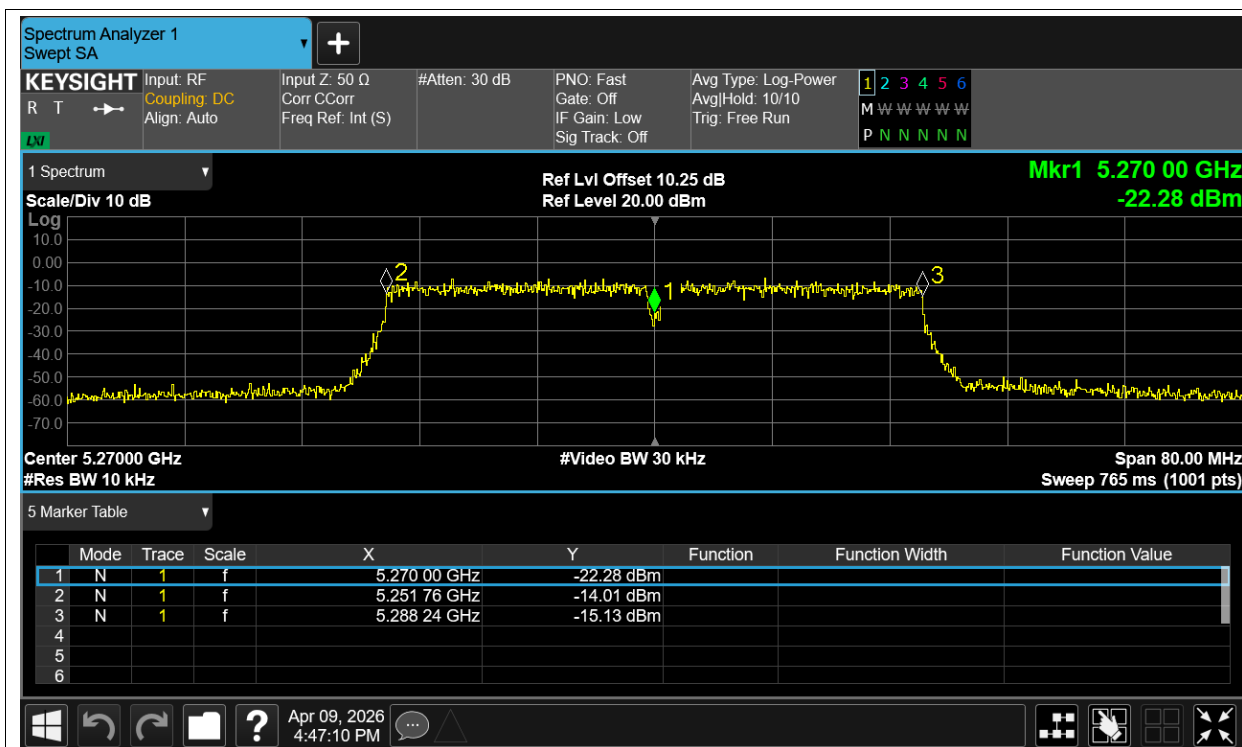
Freq. Stability NVNT ac20 5260MHz Sum



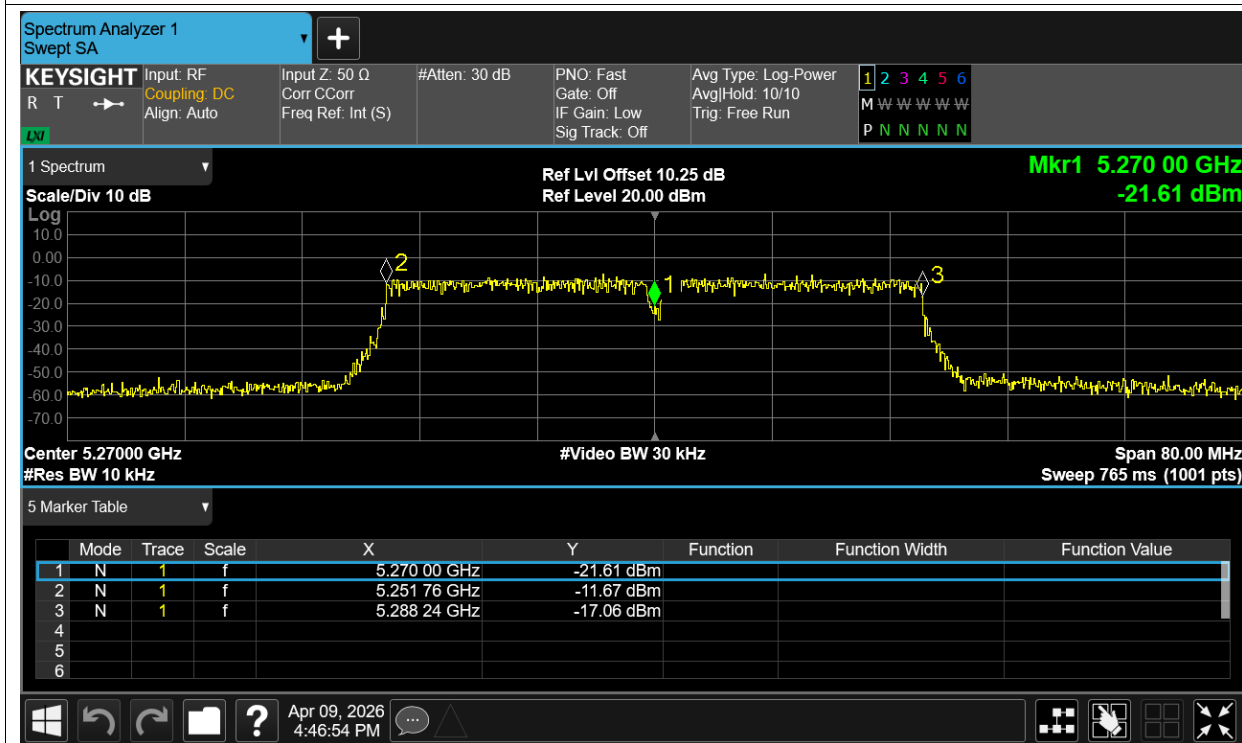
Freq. Stability HVNT ac40 5270MHz Sum



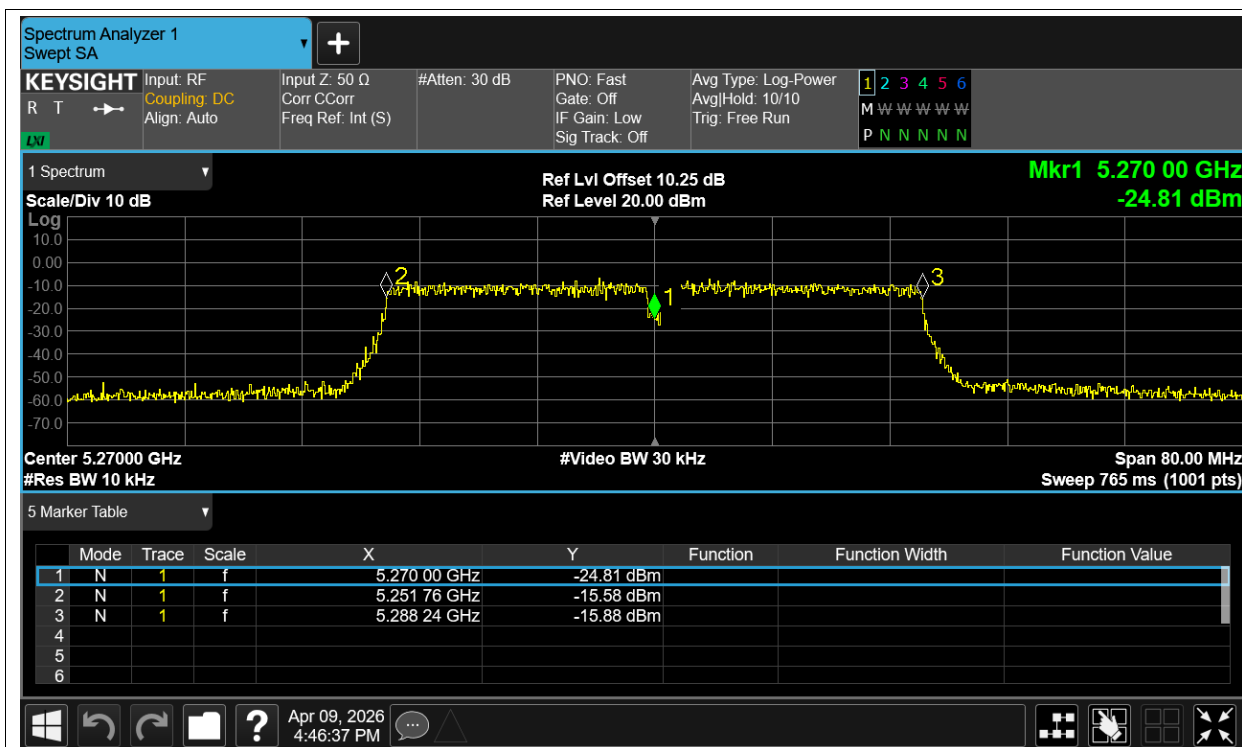
Freq. Stability LVNT ac40 5270MHz Sum



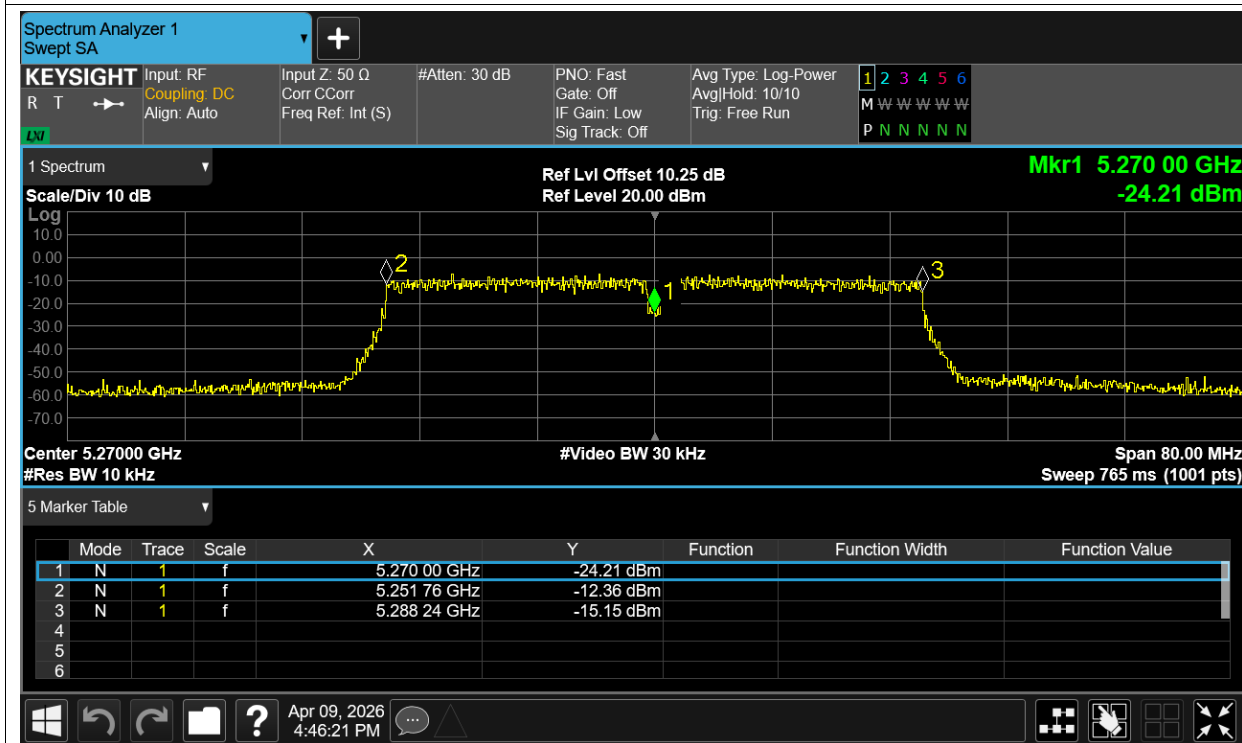
Freq. Stability NVHT ac40 5270MHz Sum



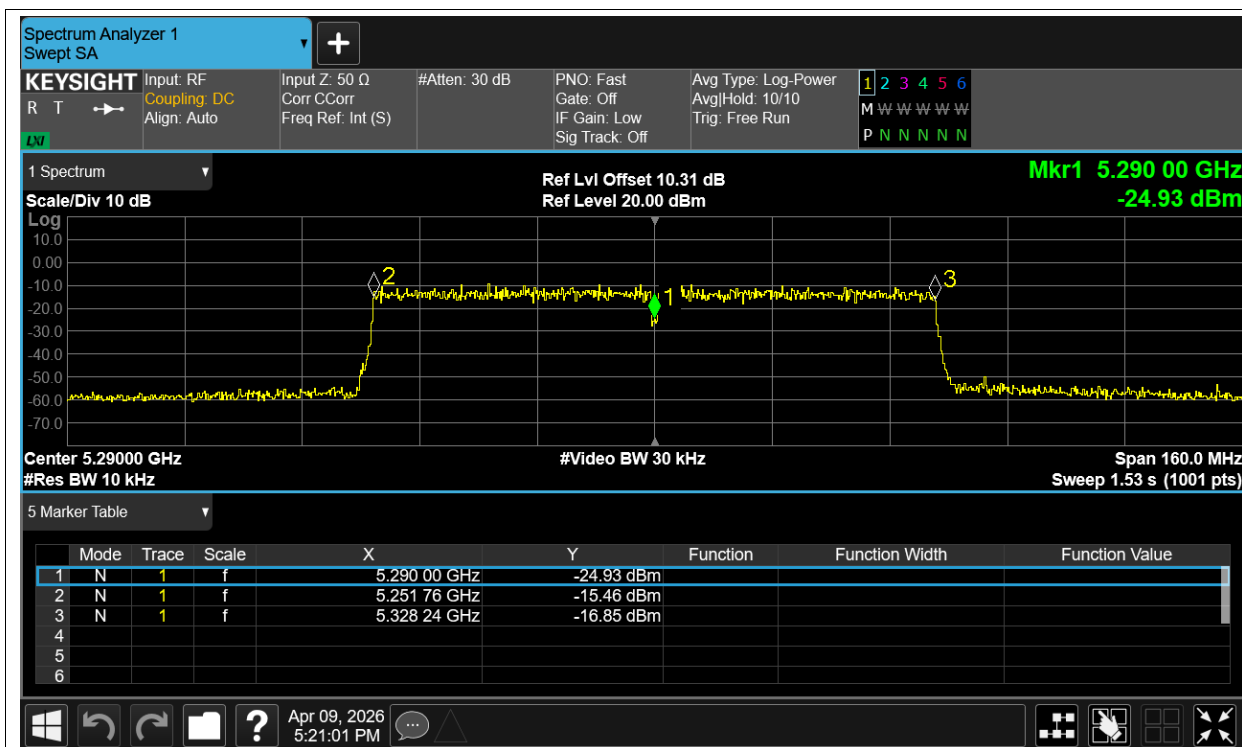
Freq. Stability NVLT ac40 5270MHz Sum



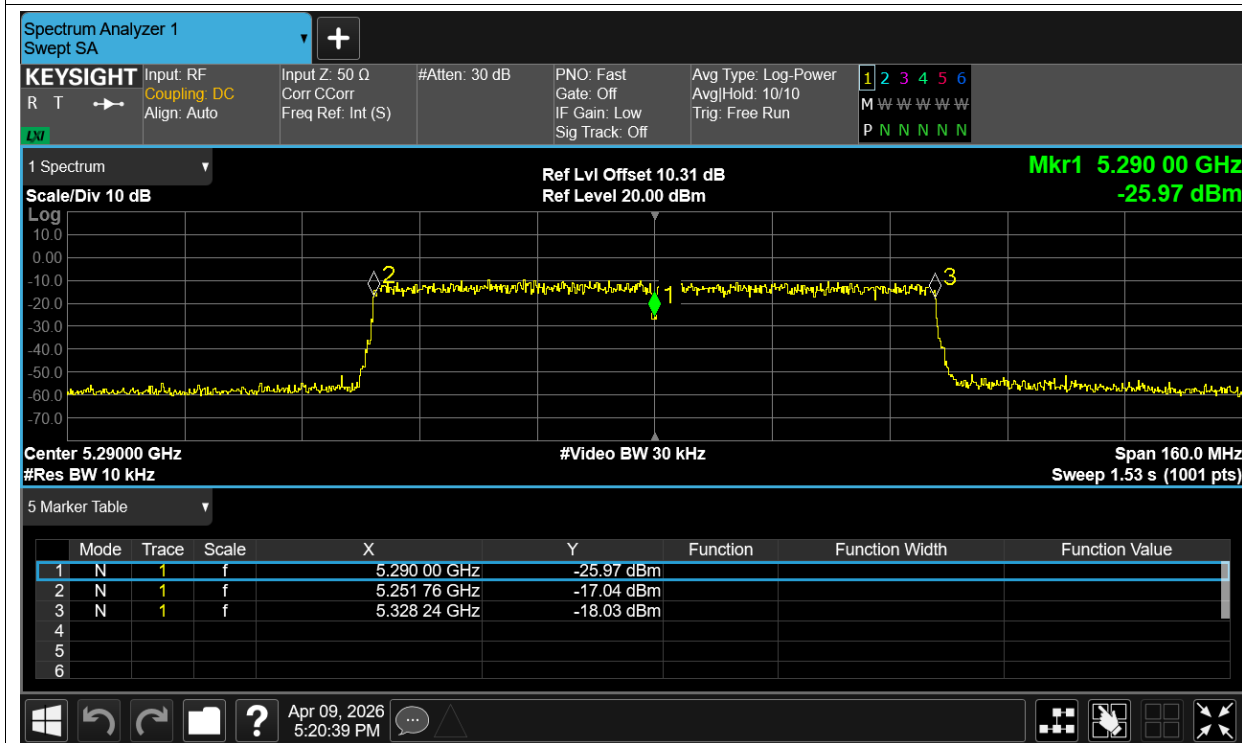
Freq. Stability NVNT ac40 5270MHz Sum



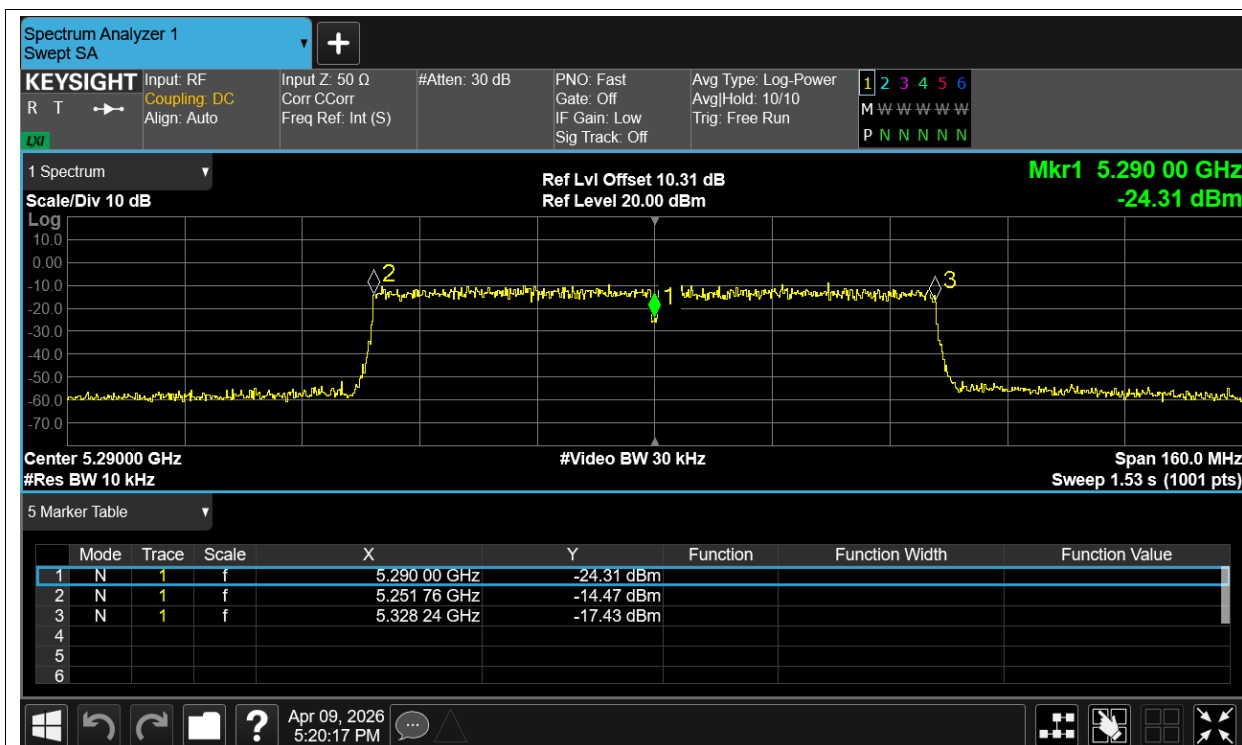
Freq. Stability HVNT ac80 5290MHz Sum



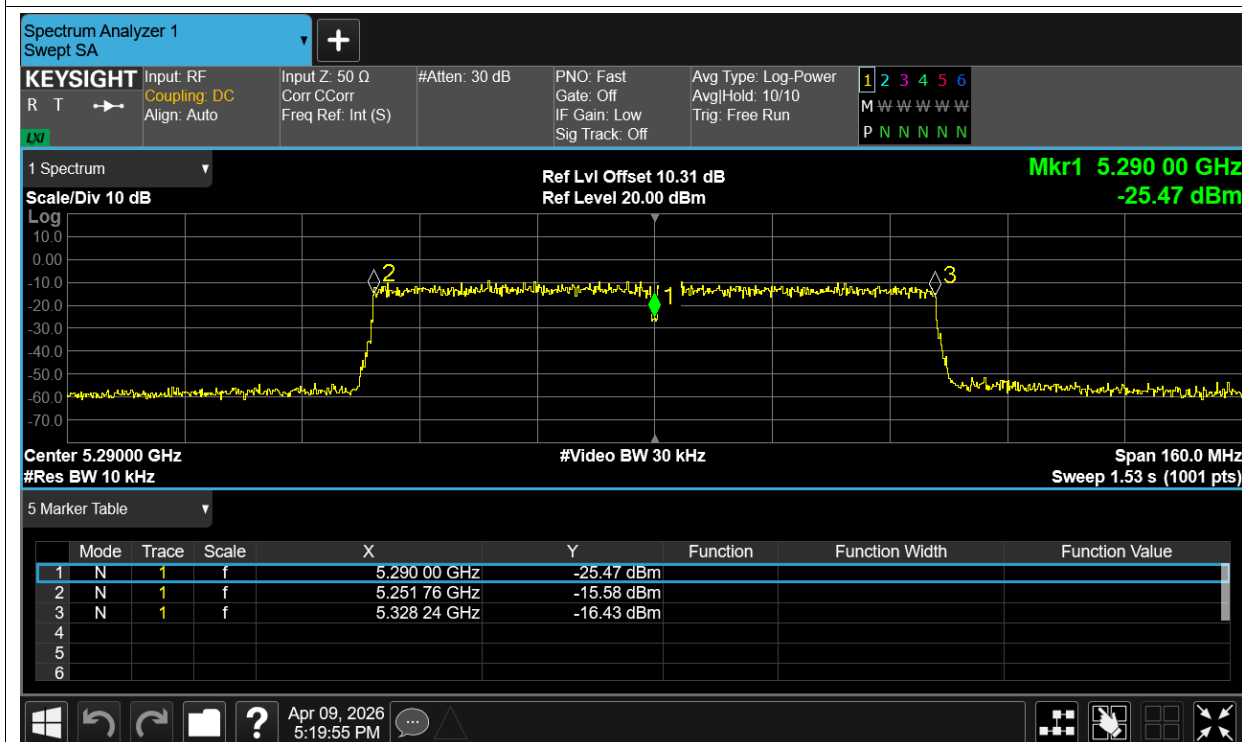
Freq. Stability LVNT ac80 5290MHz Sum



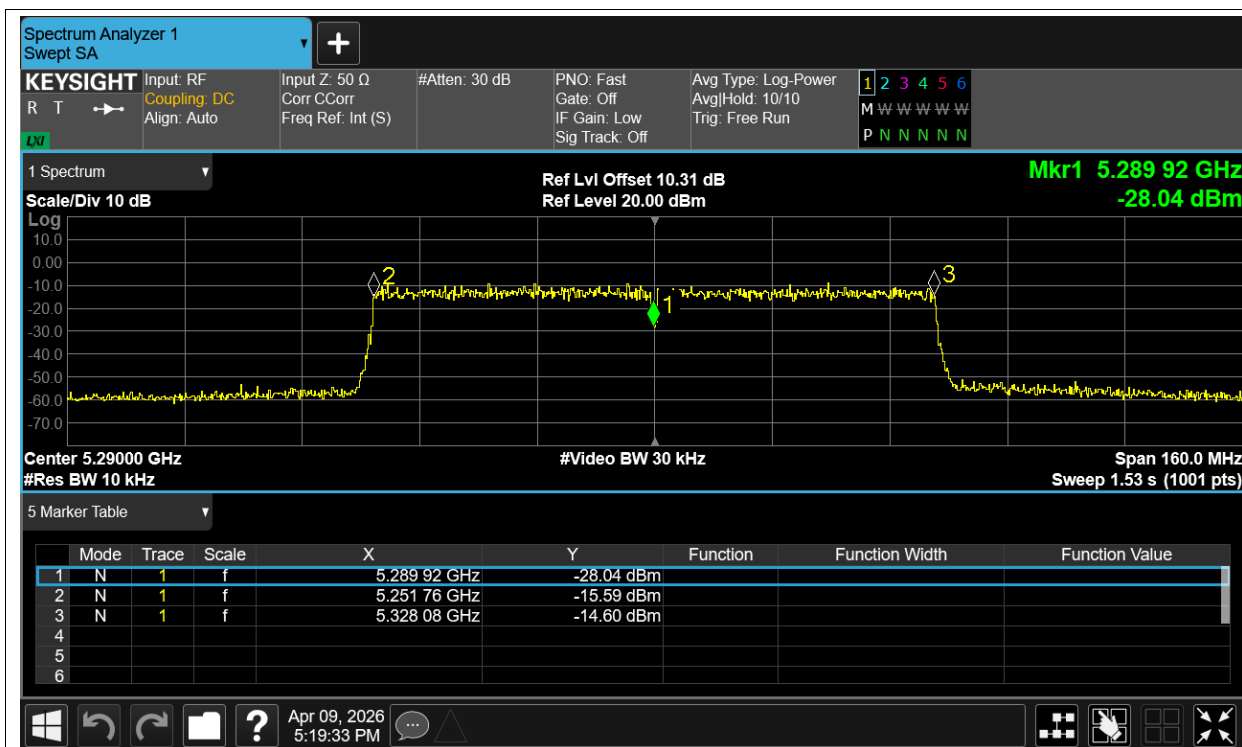
Freq. Stability NVHT ac80 5290MHz Sum



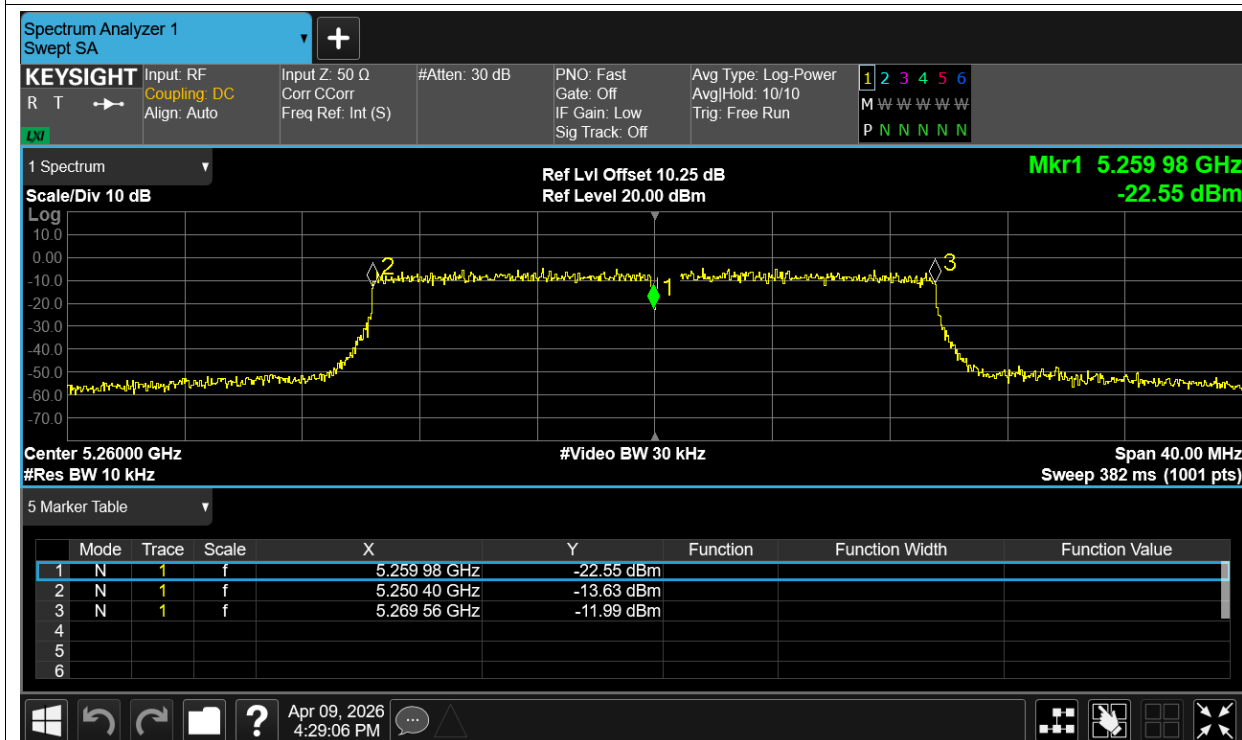
Freq. Stability NVLT ac80 5290MHz Sum



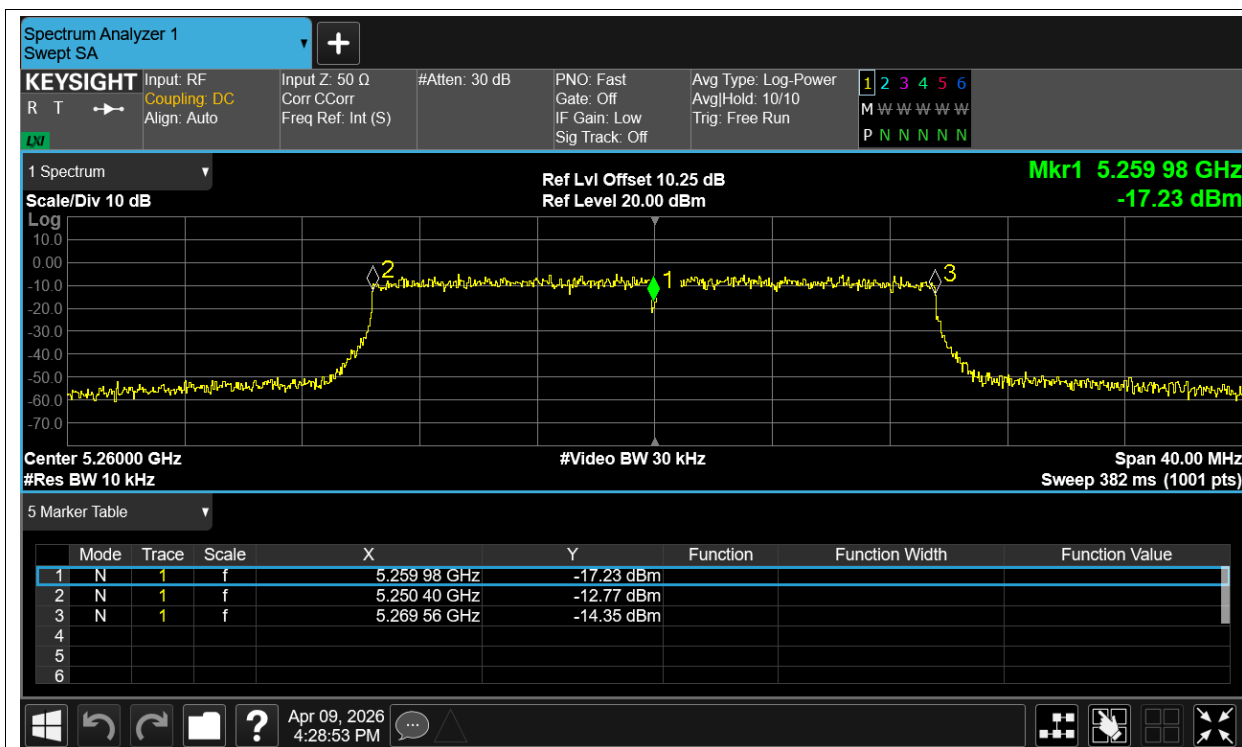
Freq. Stability NVNT ac80 5290MHz Sum



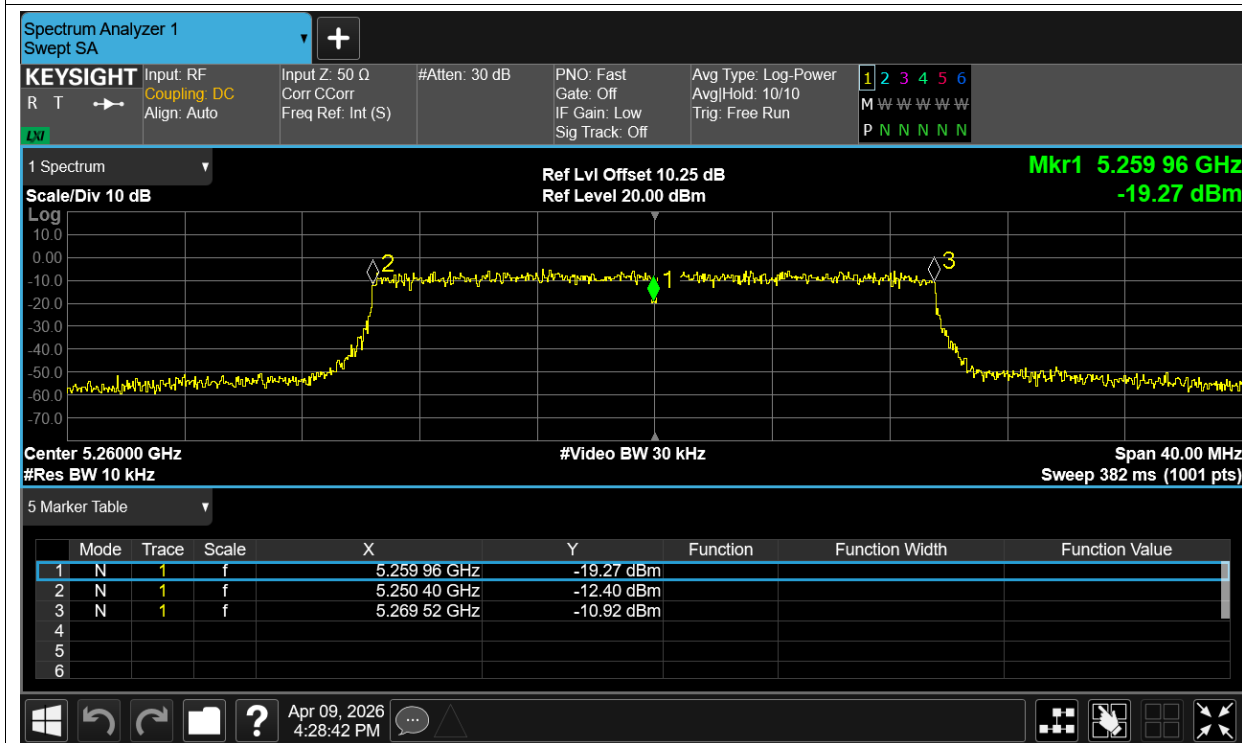
Freq. Stability HVNT ax20 5260MHz Sum



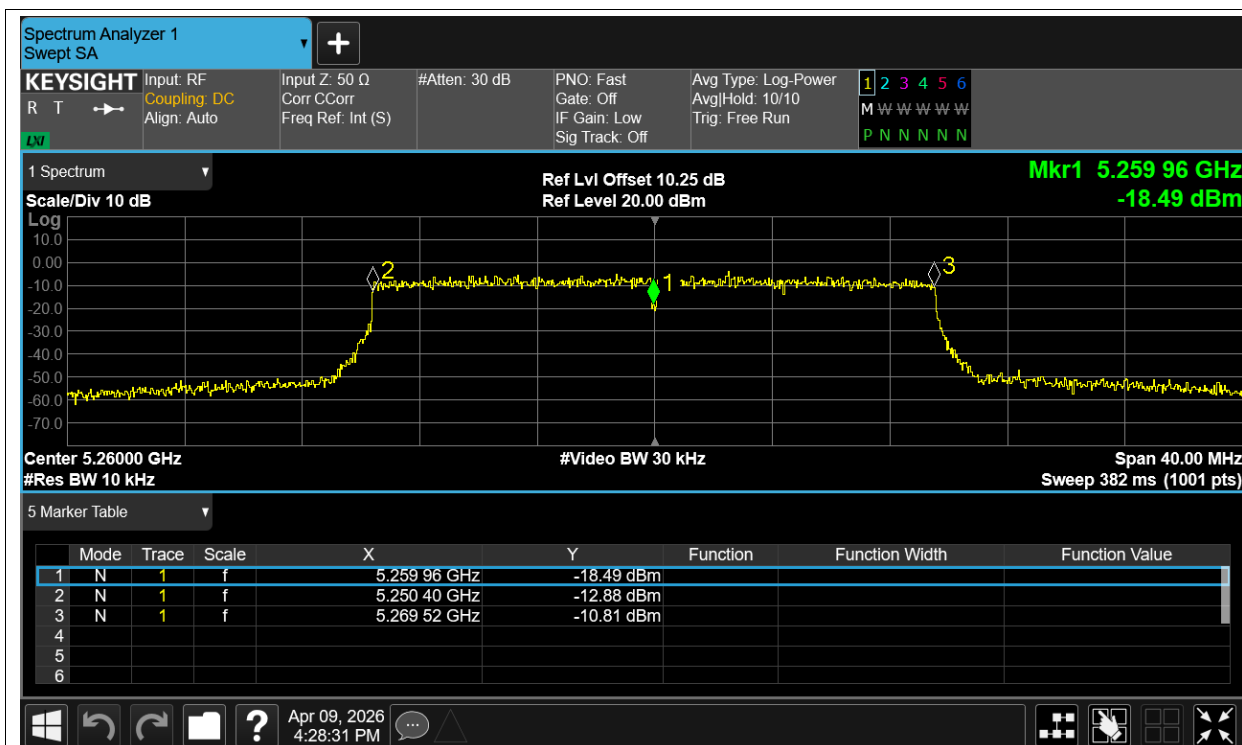
Freq. Stability LVNT ax20 5260MHz Sum



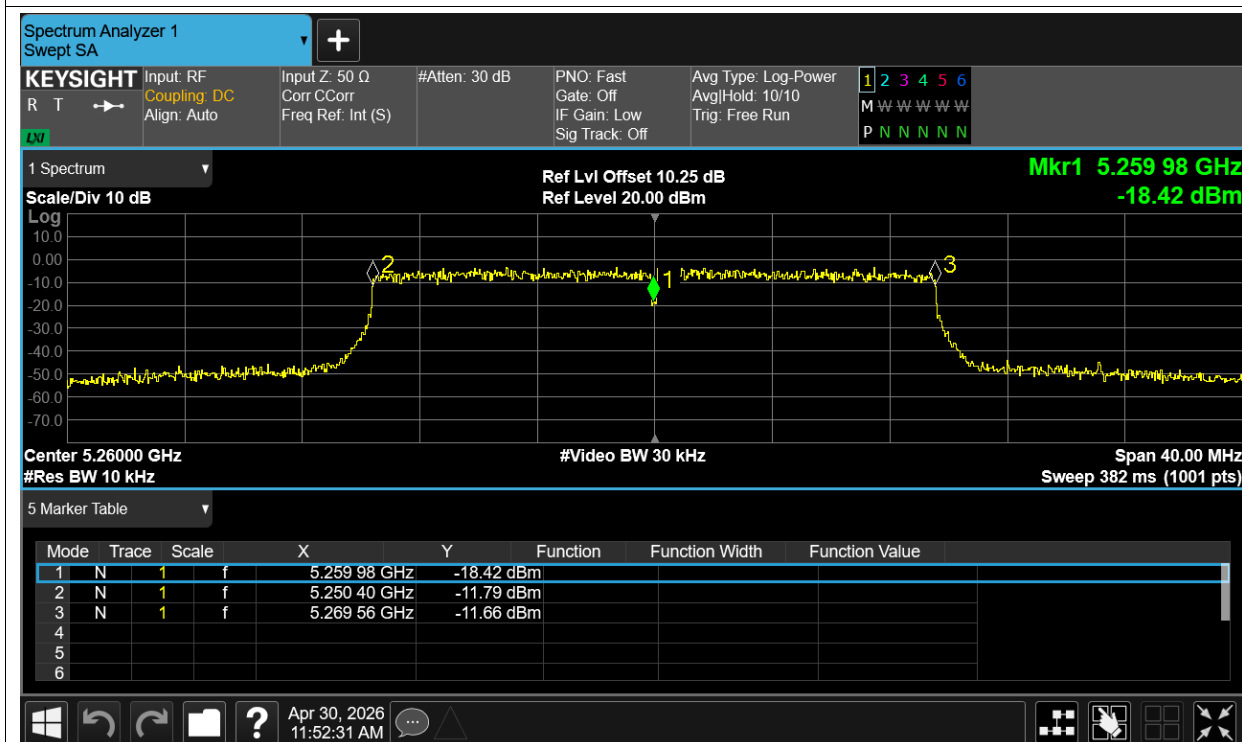
Freq. Stability NVHT ax20 5260MHz Sum



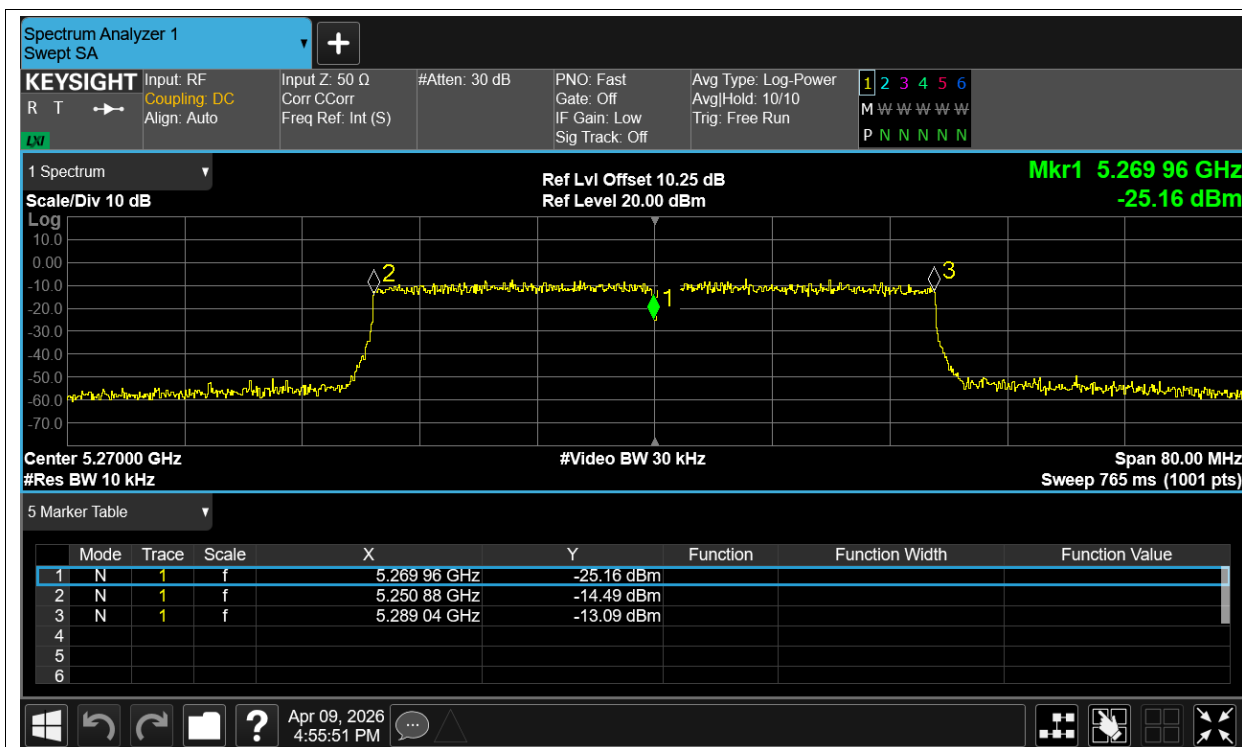
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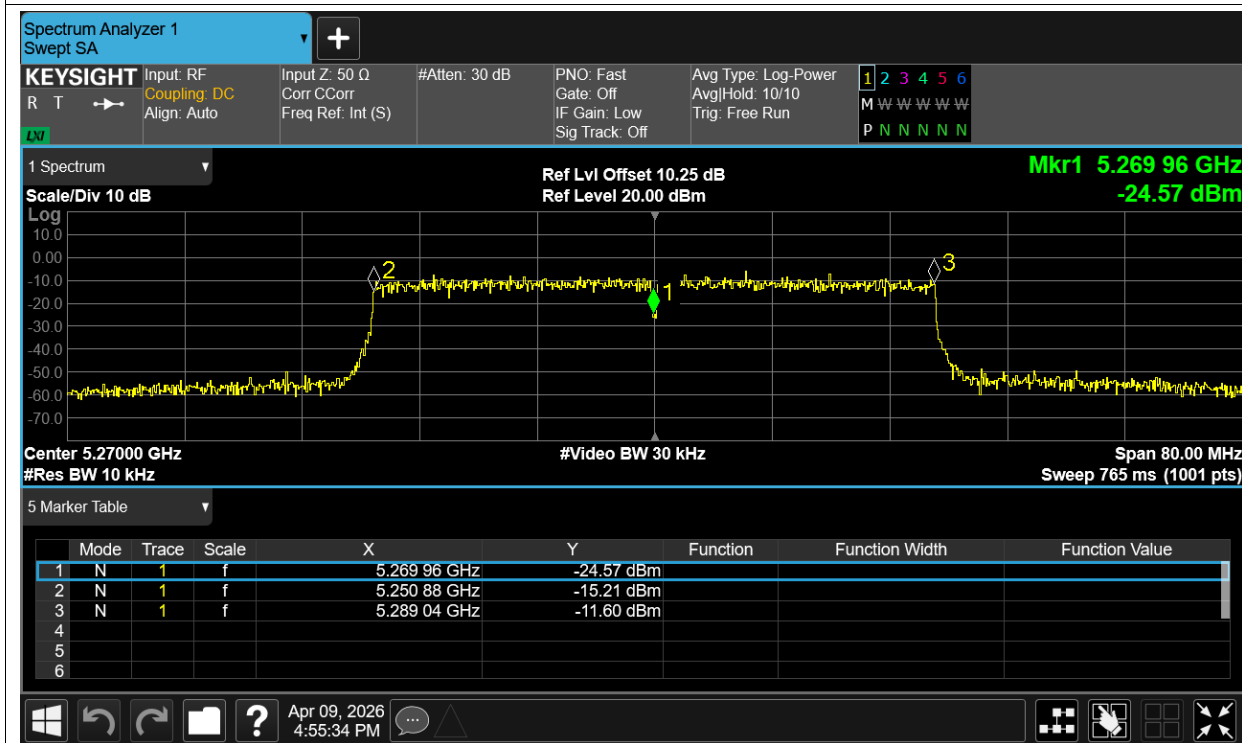
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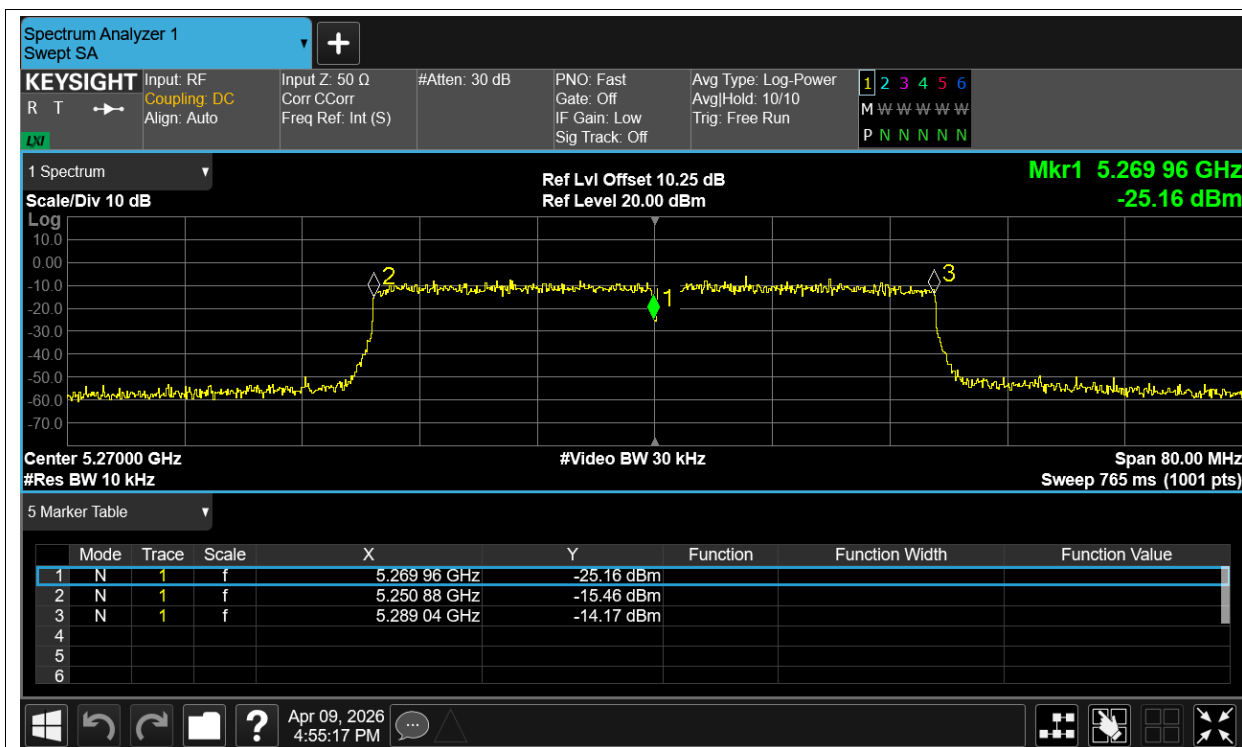
Freq. Stability HVNT ax40 5270MHz Sum



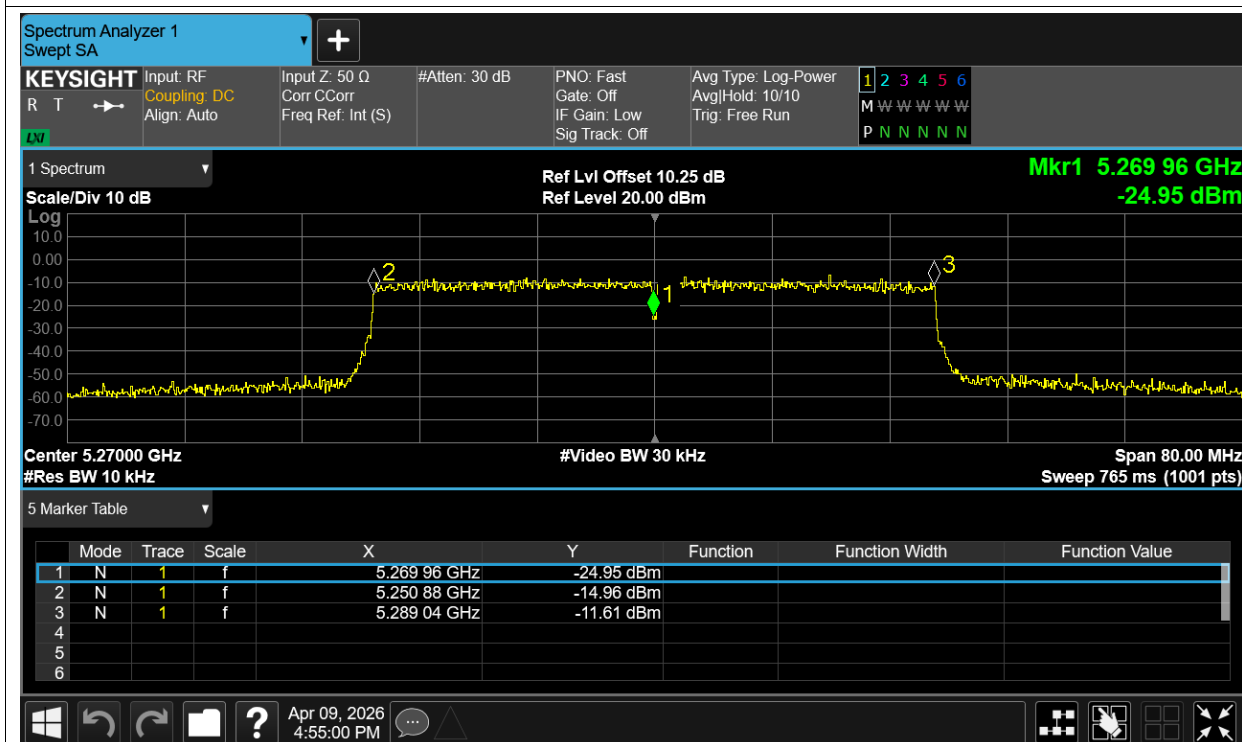
Freq. Stability LVNT ax40 5270MHz Sum



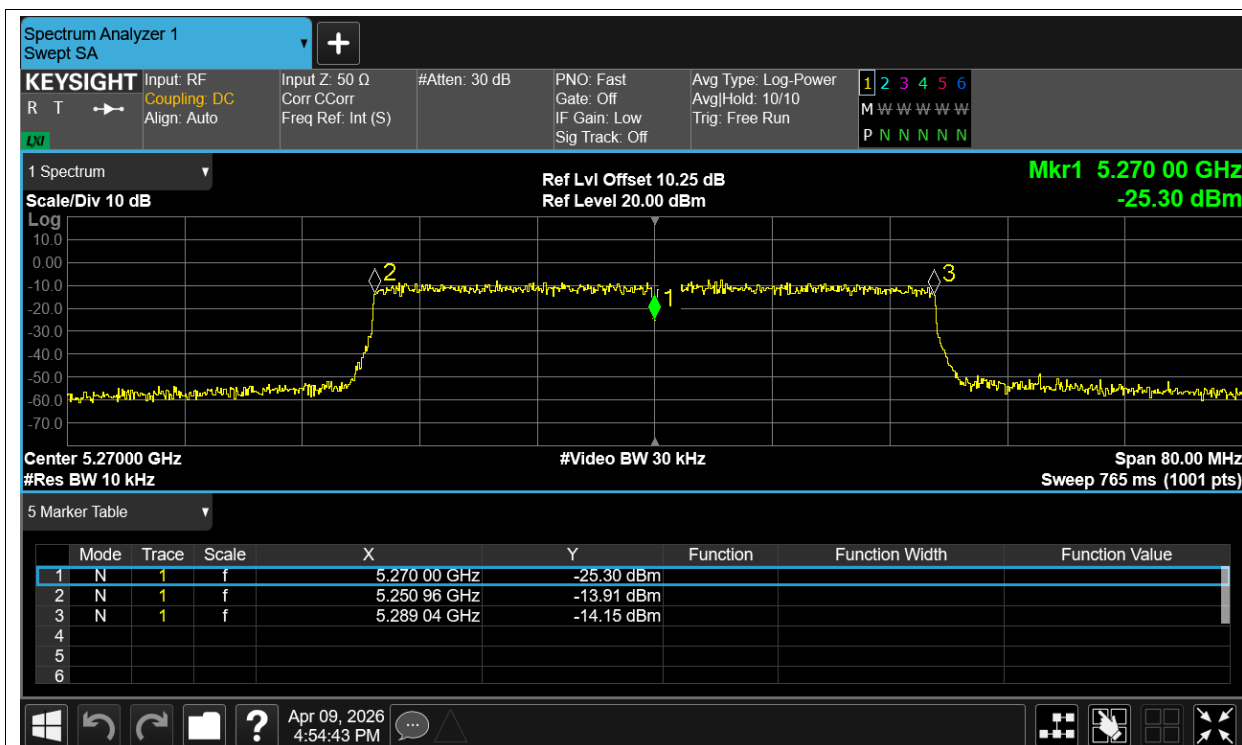
Freq. Stability NVHT ax40 5270MHz Sum



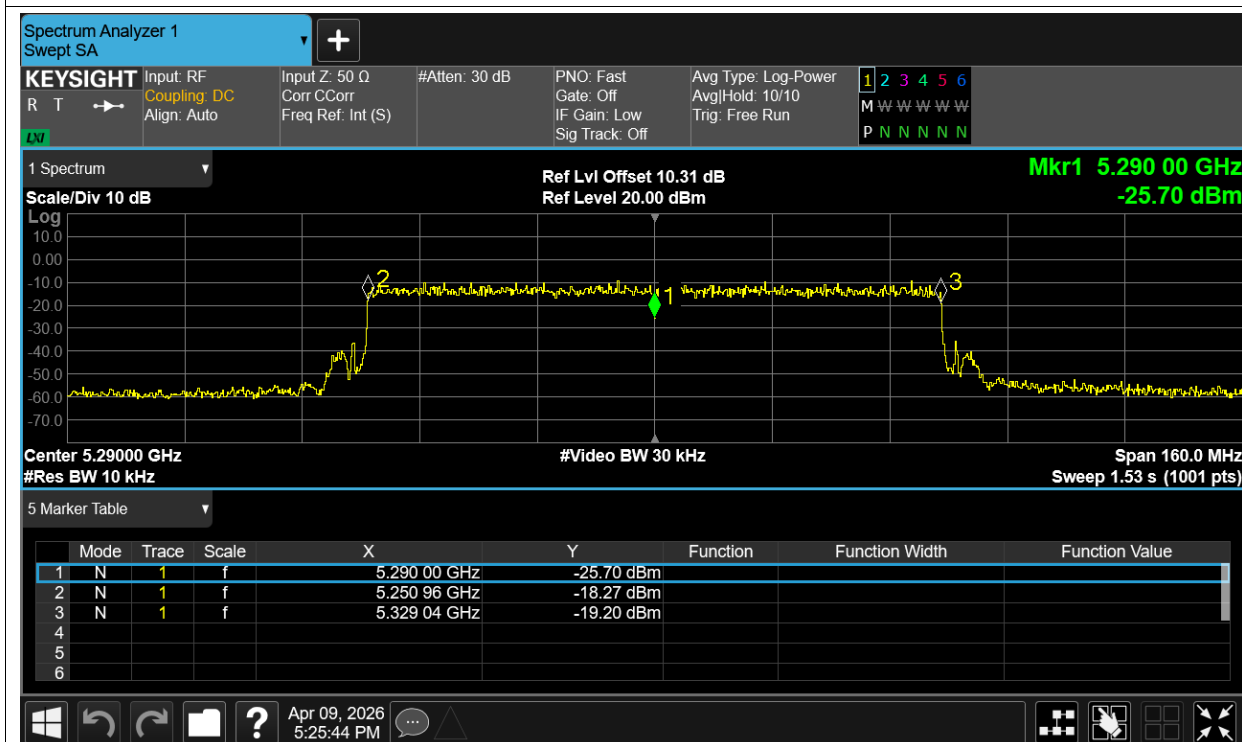
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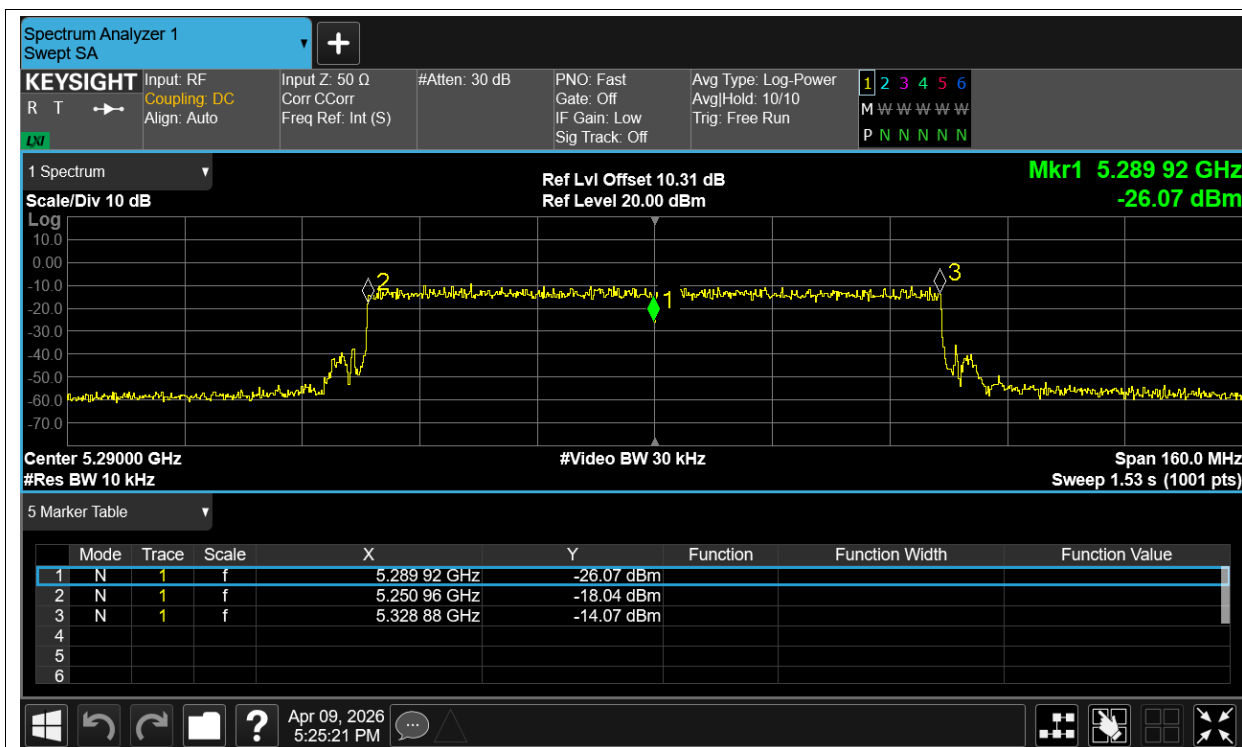
Freq. Stability NVNT ax40 5270MHz Sum



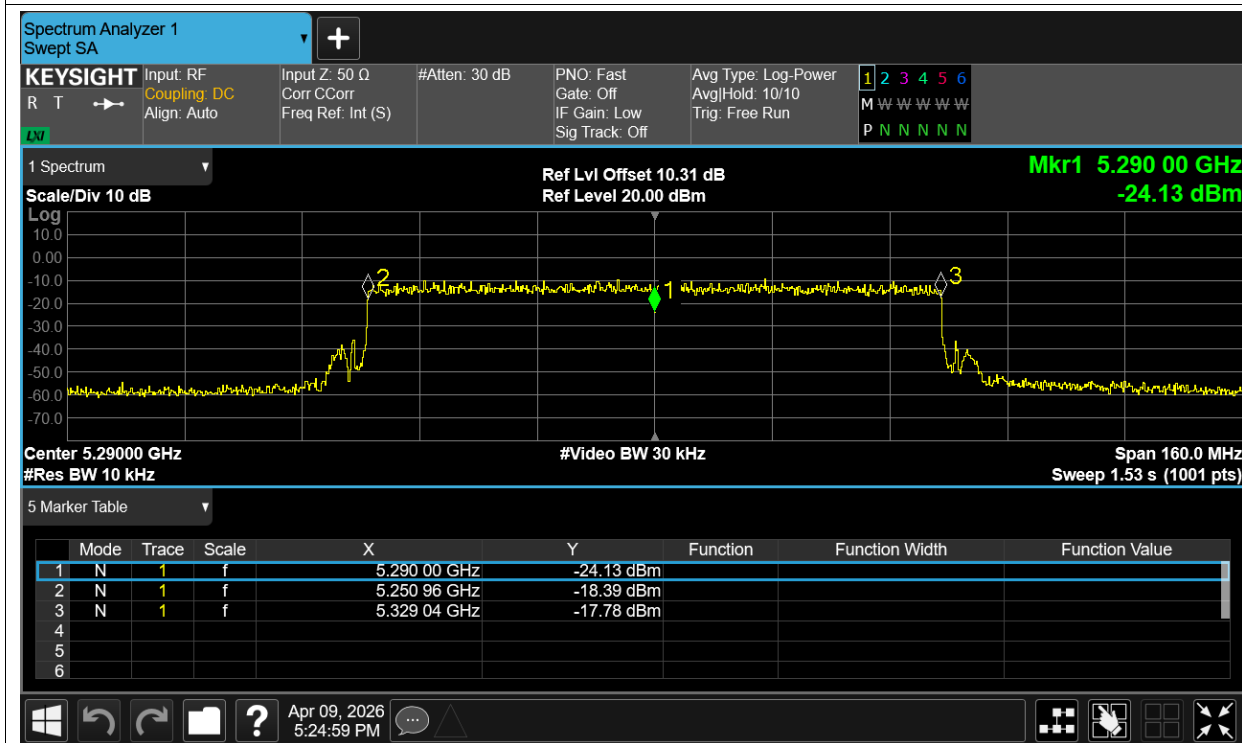
Freq. Stability HVNT ax80 5290MHz Sum



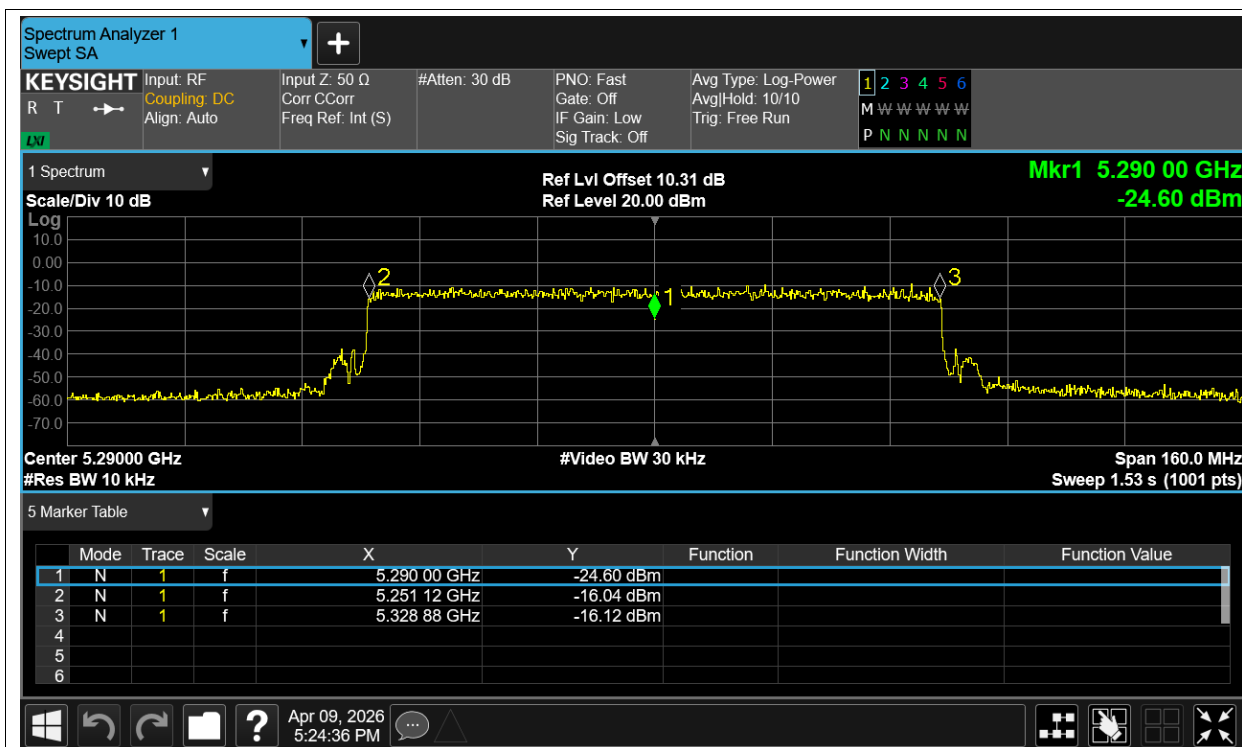
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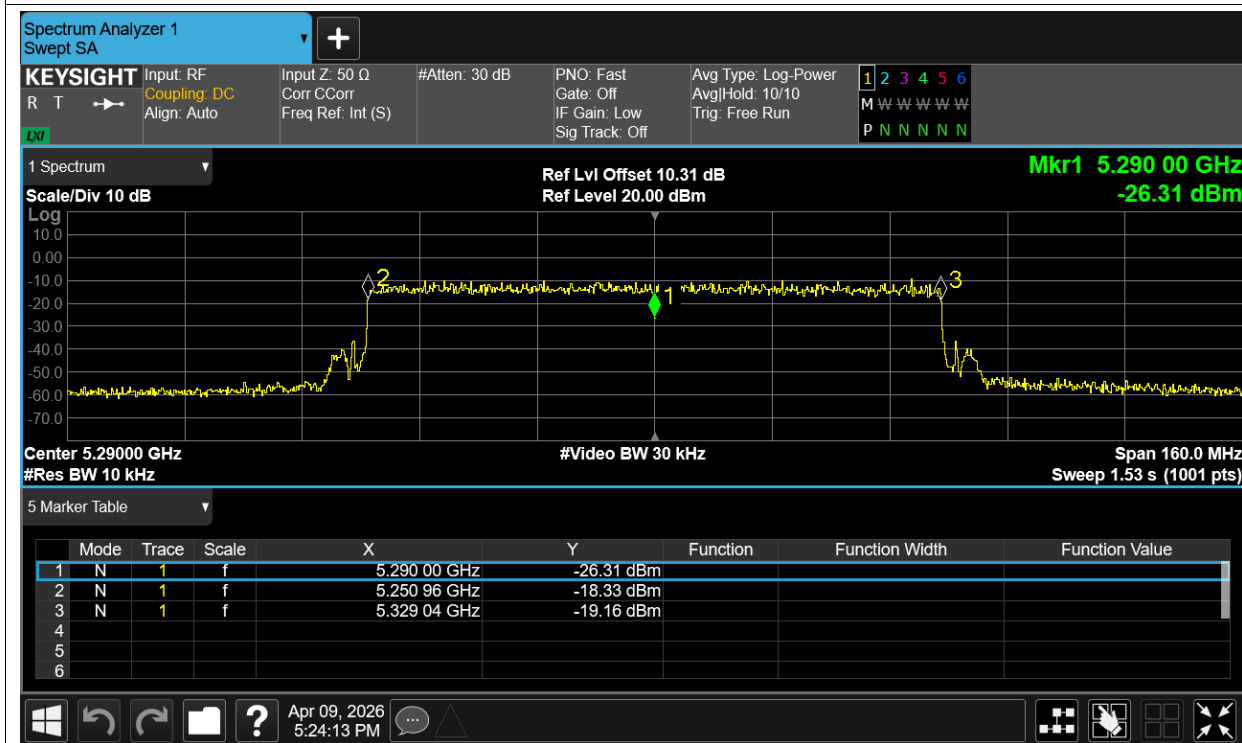
Freq. Stability NVHT ax80 5290MHz Sum



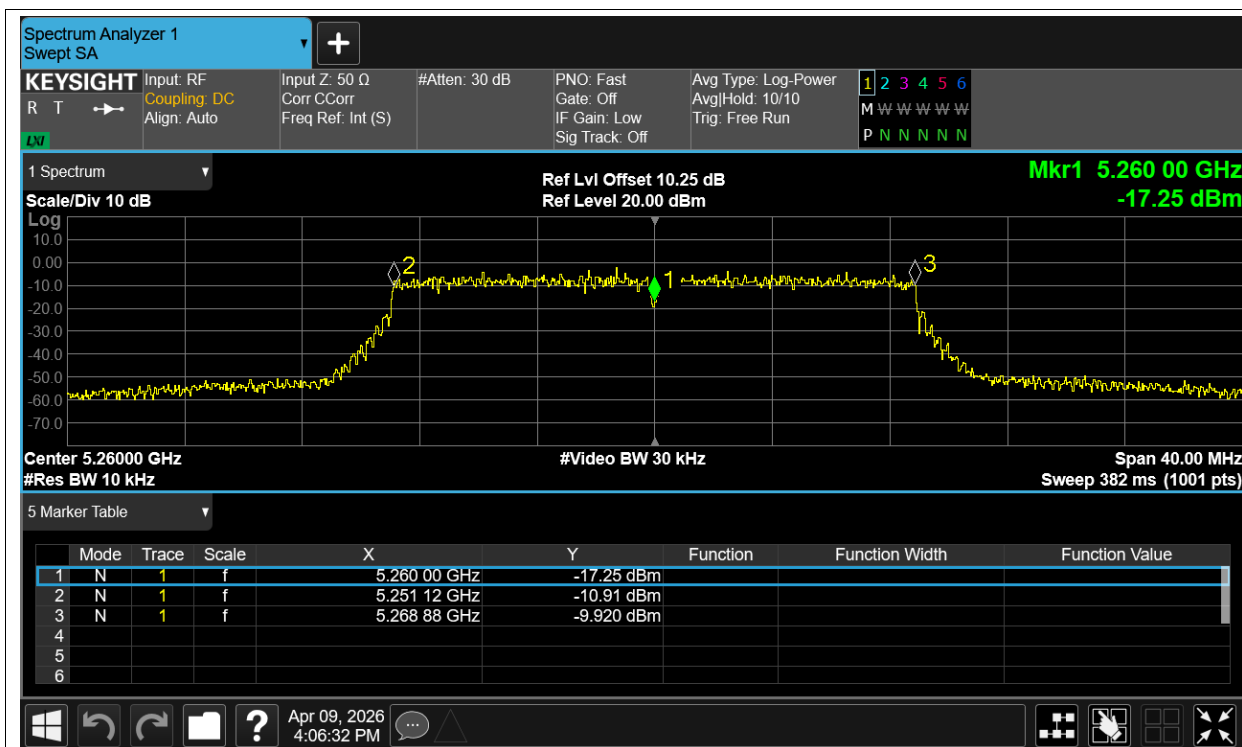
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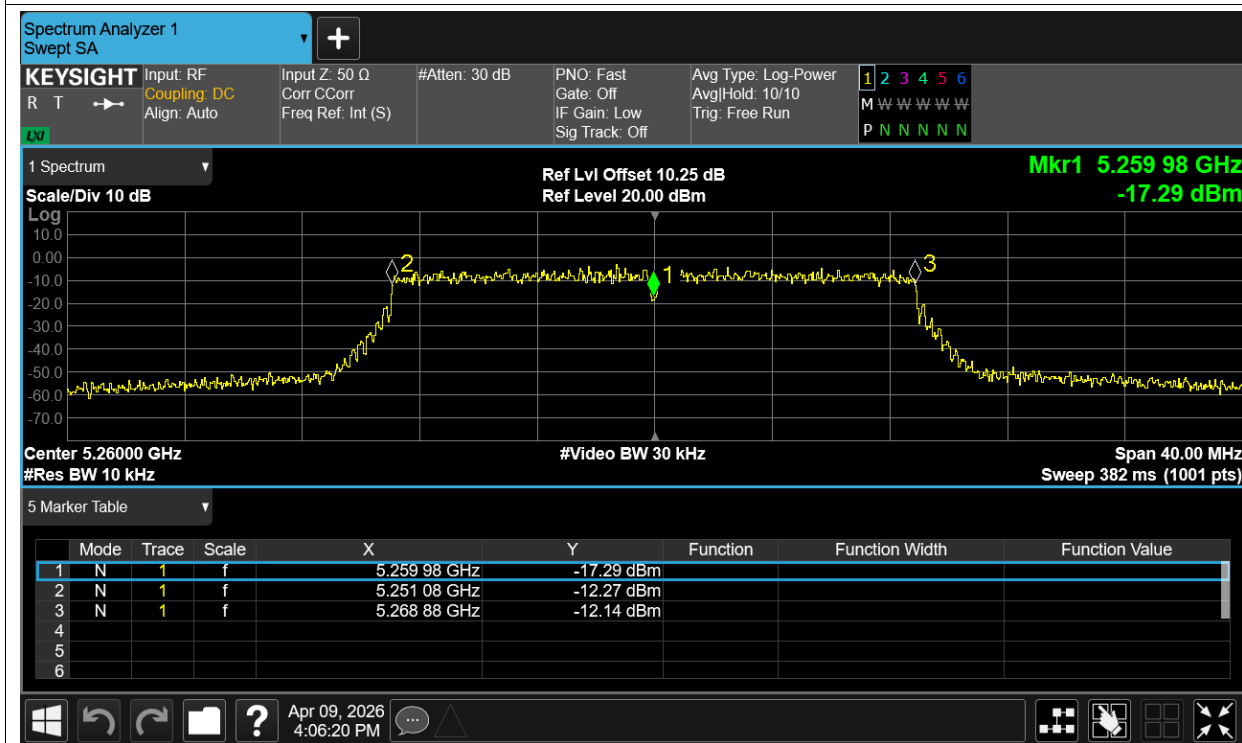
Freq. Stability NVNT ax80 5290MHz Sum



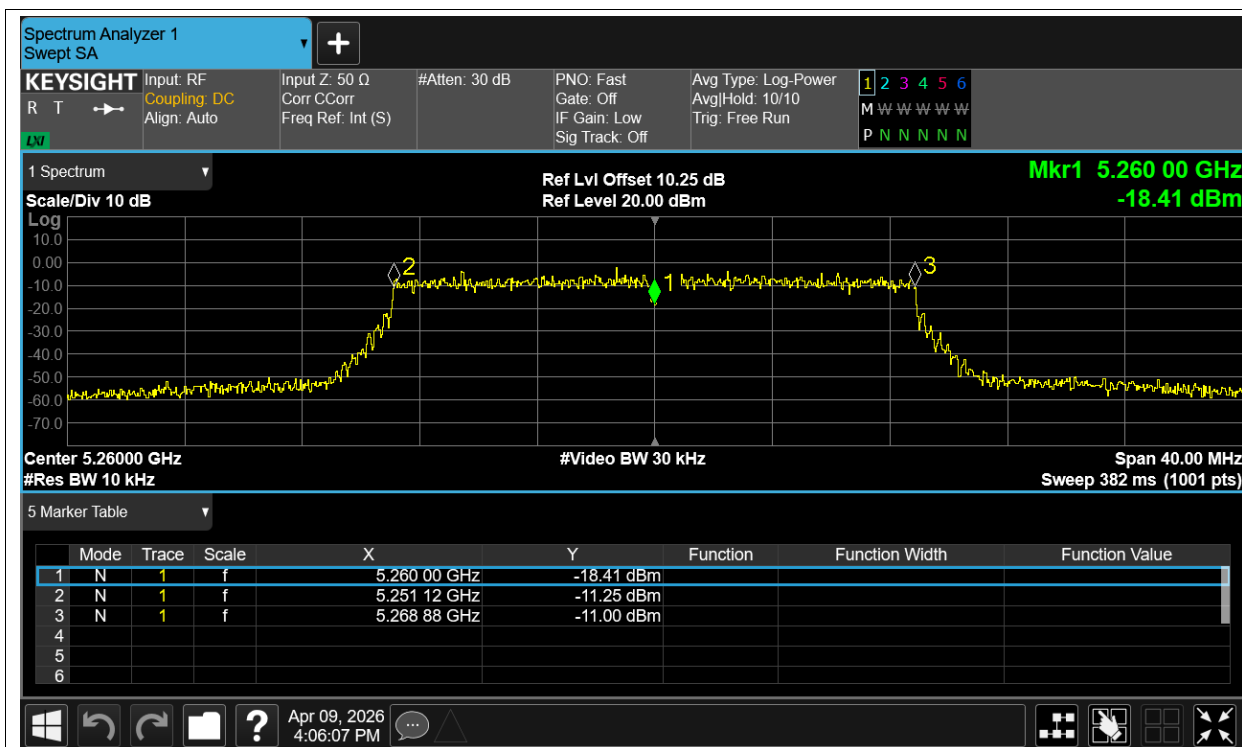
Freq. Stability HVNT n20 5260MHz Sum



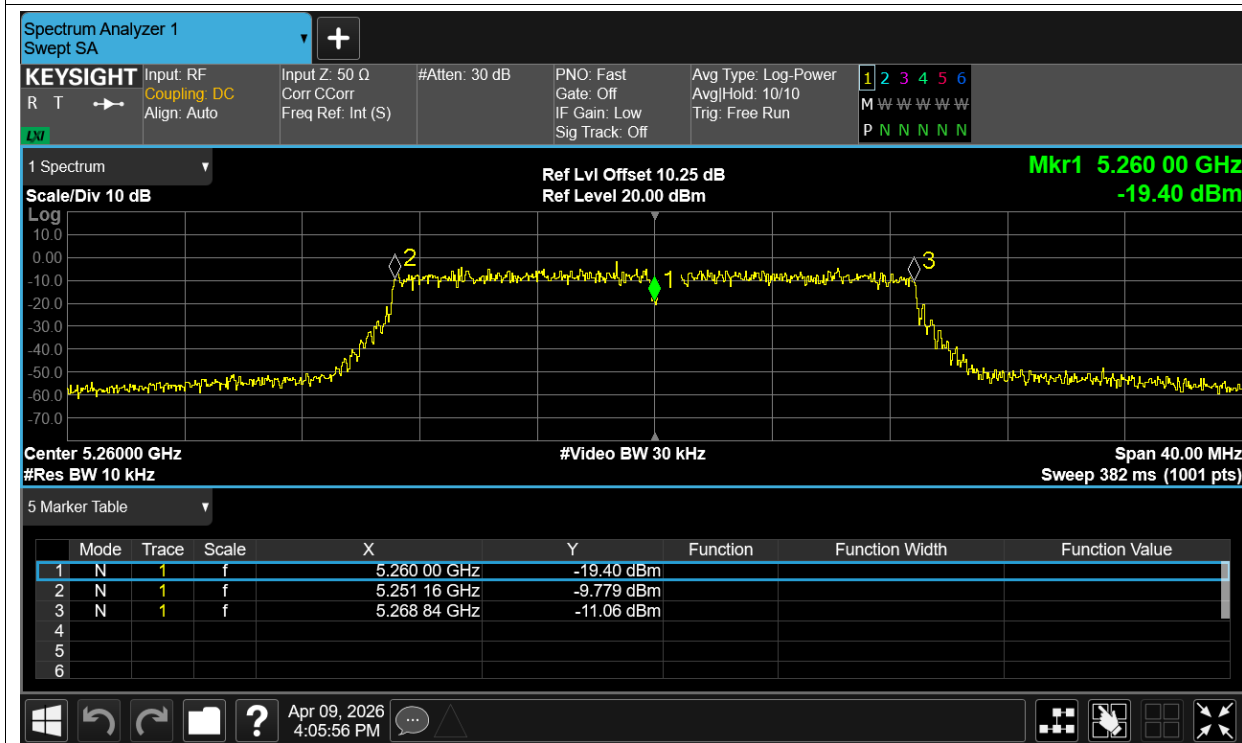
Freq. Stability LVNT n20 5260MHz Sum



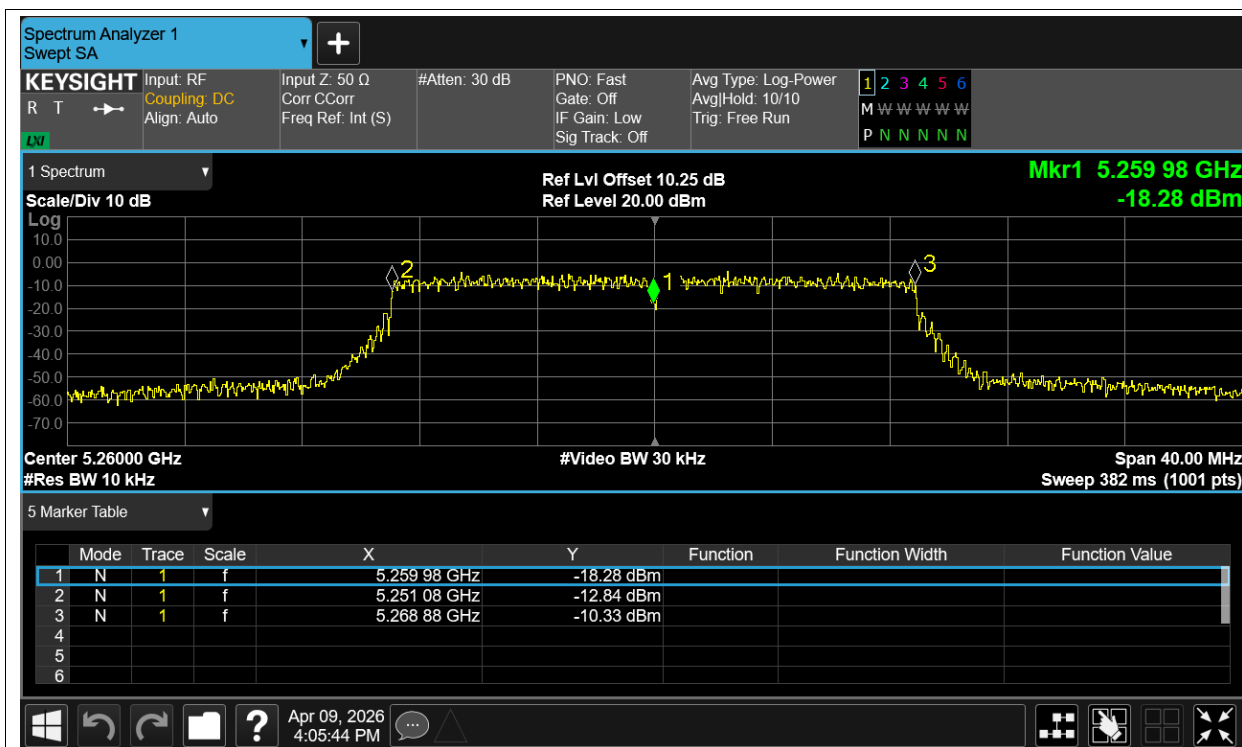
Freq. Stability NVHT n20 5260MHz Sum



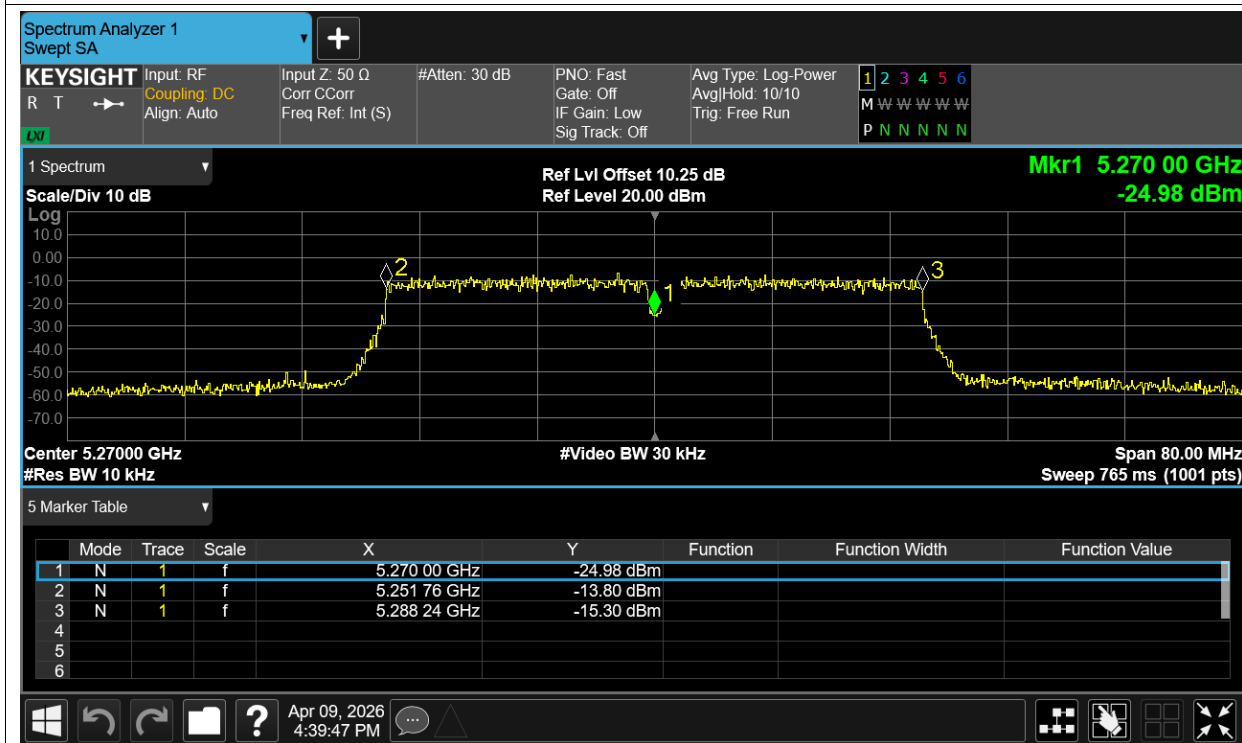
Freq. Stability NVLT n20 5260MHz Sum



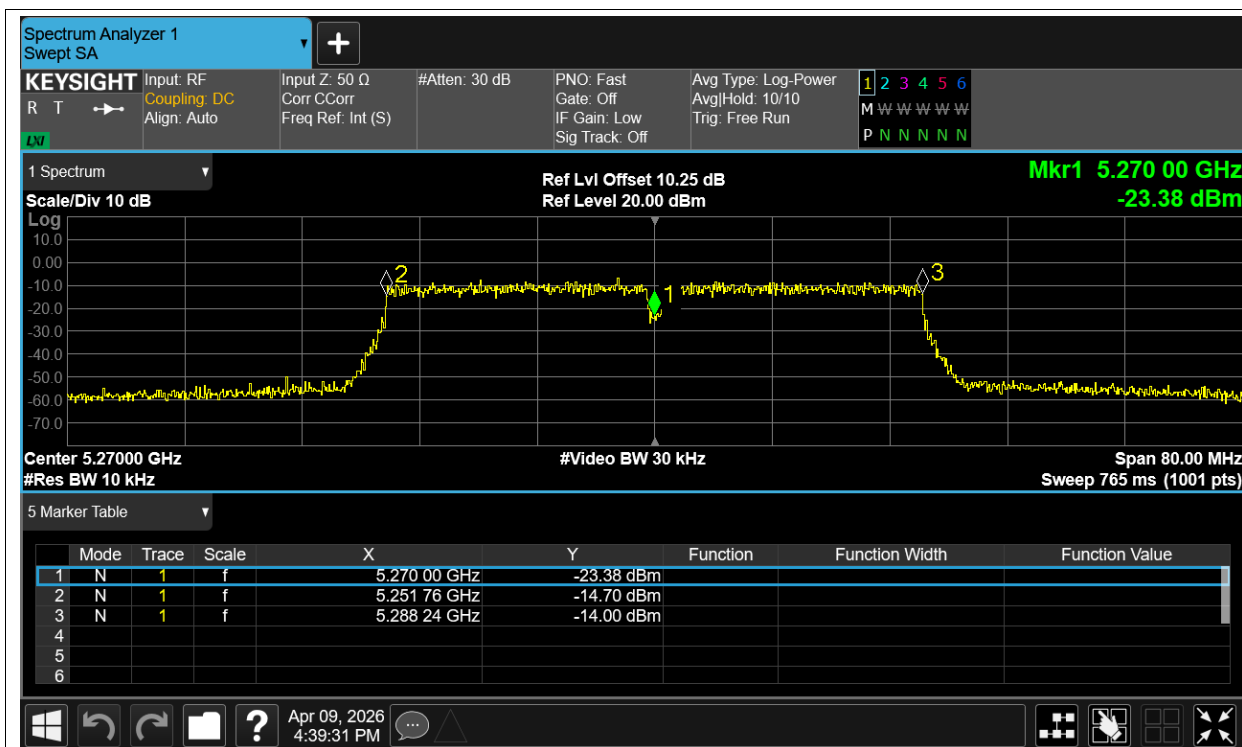
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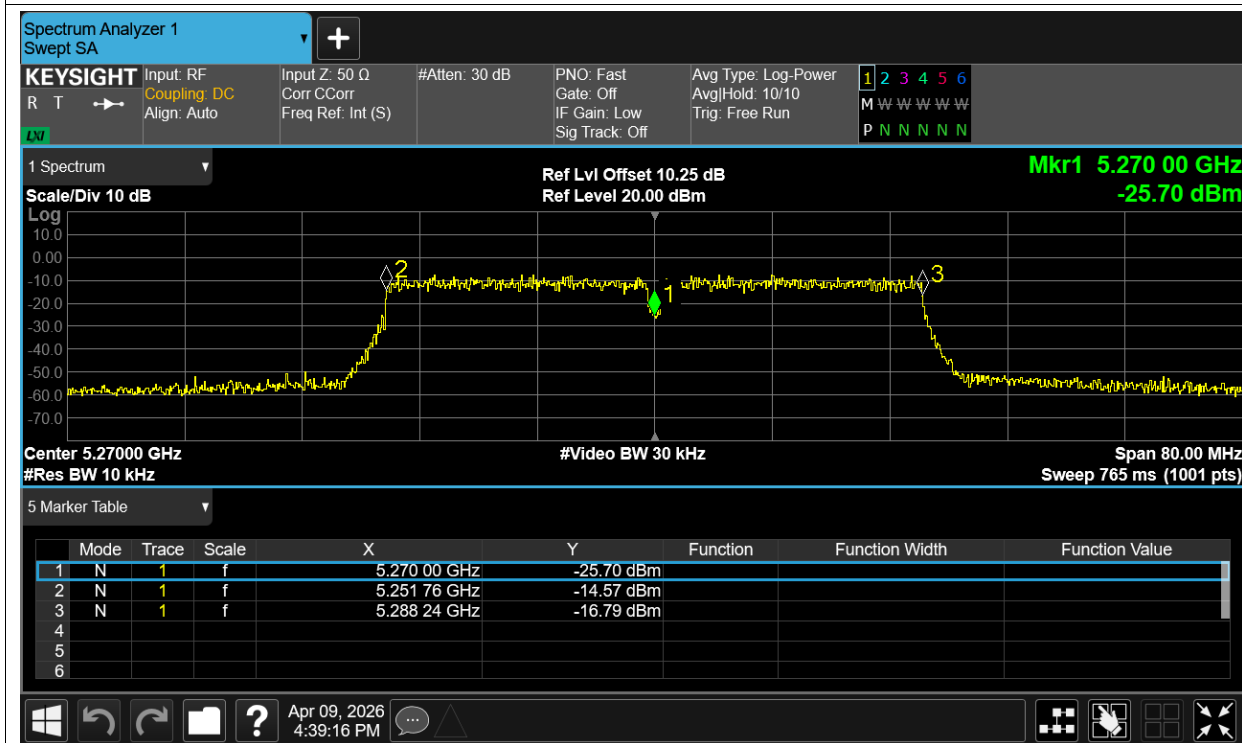
Freq. Stability HVNT n40 5270MHz Sum



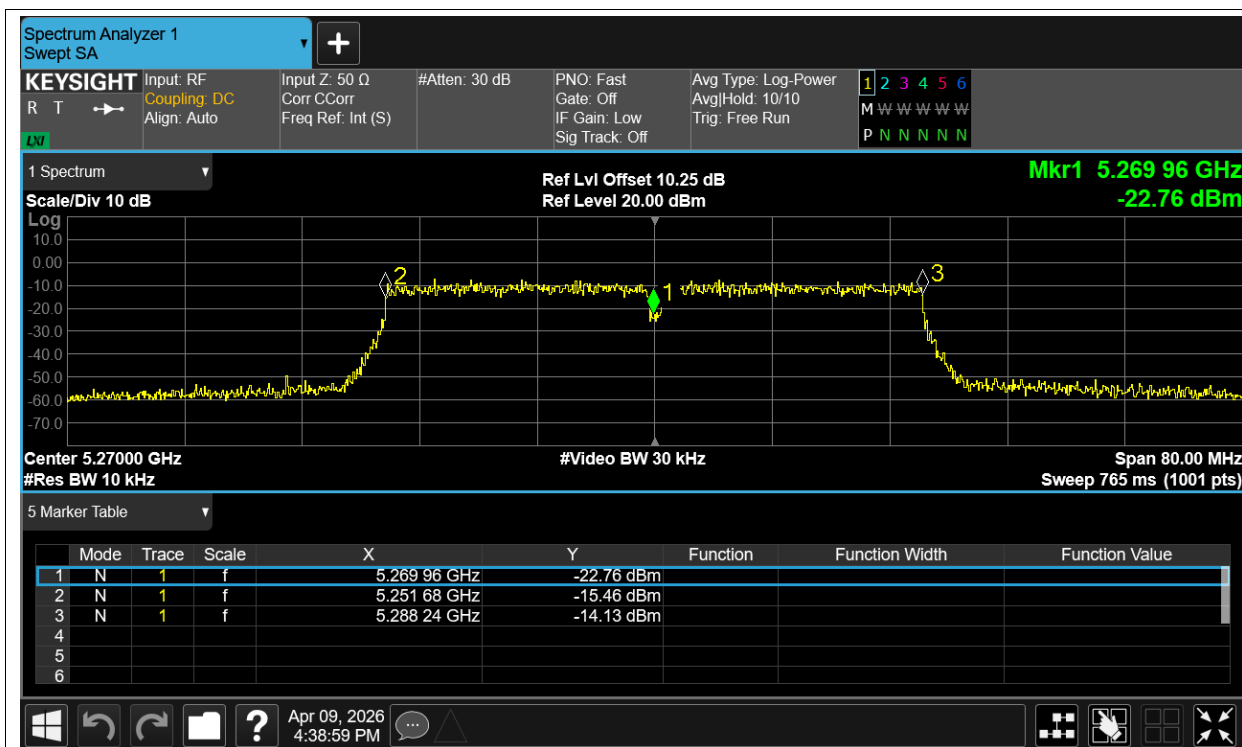
Freq. Stability LVNT n40 5270MHz Sum



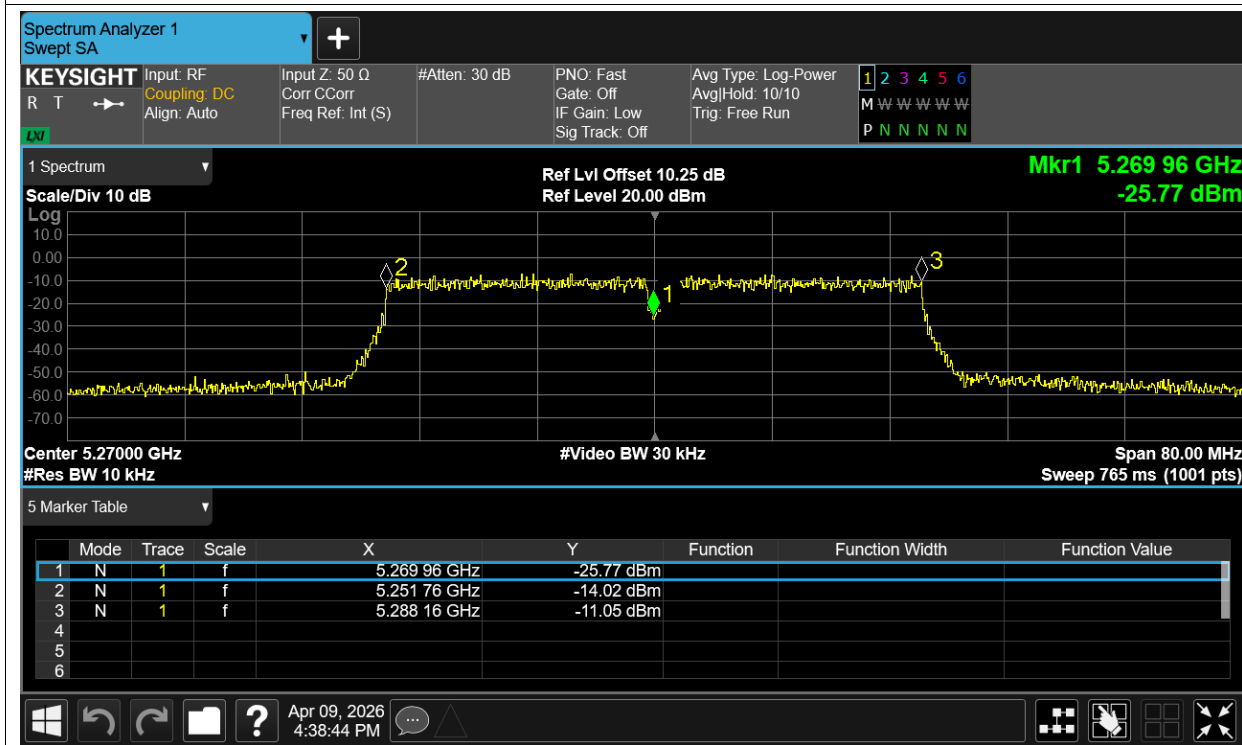
Freq. Stability NVHT n40 5270MHz Sum



Freq. Stability NVLT n40 5270MHz Sum



Freq. Stability NVNT n40 5270MHz Sum

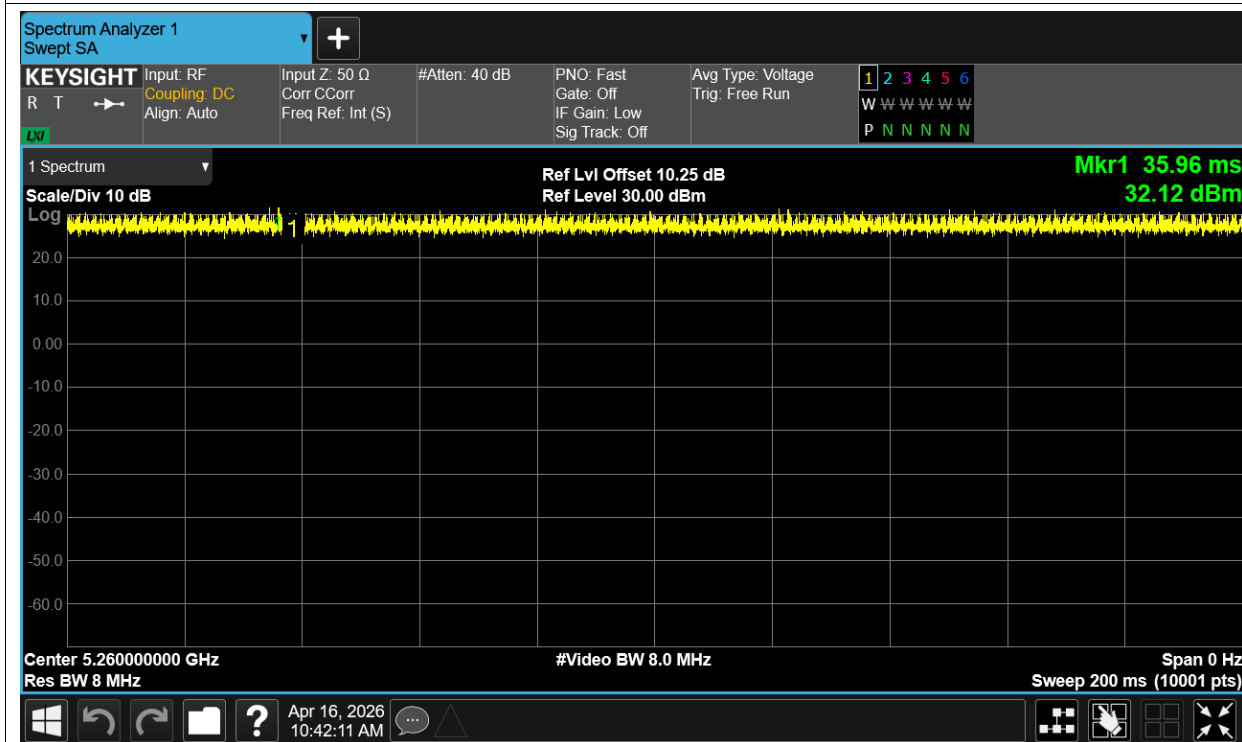


Duty Cycle

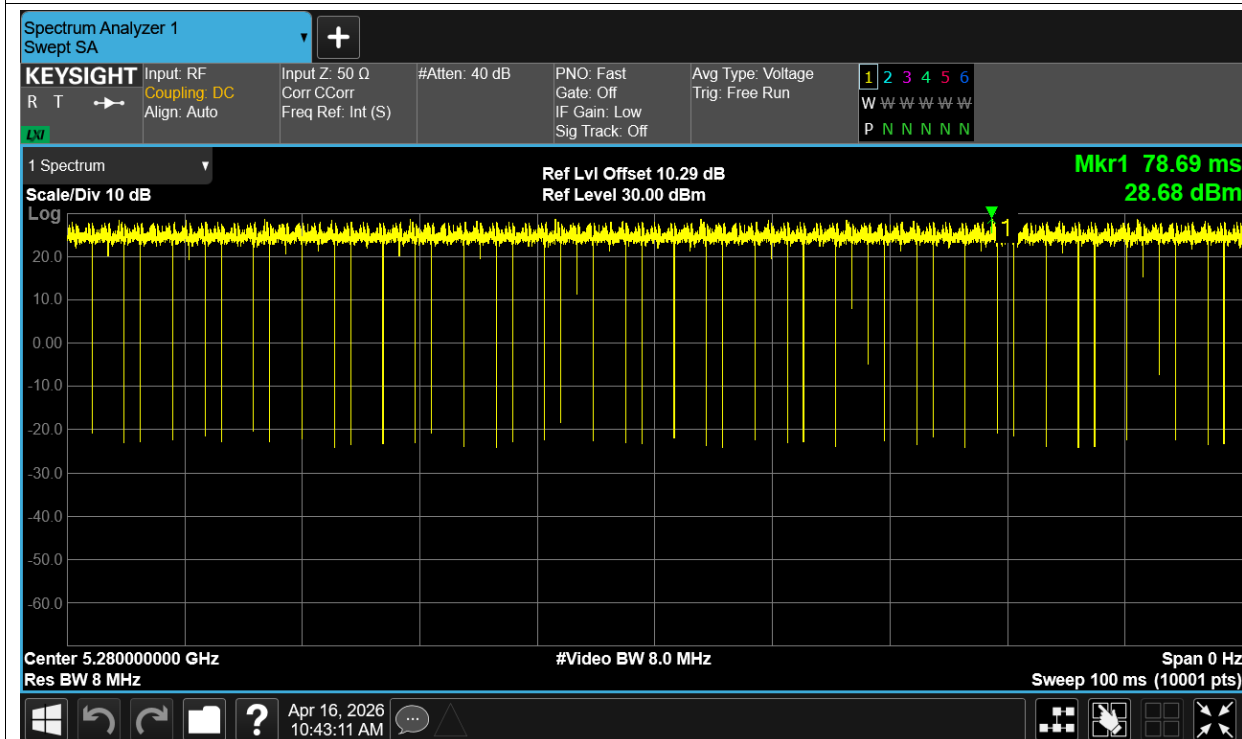
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	100	0
NVNT	a	5280	Ant1	99.58	0.02
NVNT	a	5320	Ant1	99.57	0.02
NVNT	a	5260	Ant2	99.57	0.02
NVNT	a	5280	Ant2	99.58	0.02
NVNT	a	5320	Ant2	99.58	0.02
NVNT	ac20	5260	Sum	99.56	0.02
NVNT	ac20	5280	Sum	99.52	0.02
NVNT	ac20	5320	Sum	99.54	0.02
NVNT	ac40	5270	Sum	99.08	0.04
NVNT	ac40	5310	Sum	99.1	0.04
NVNT	ac80	5290	Sum	98.17	0.08
NVNT	ax20	5260	Sum	99.51	0.02
NVNT	ax20	5280	Sum	99.51	0.02
NVNT	ax20	5320	Sum	99.51	0.02
NVNT	ax40	5270	Sum	99.07	0.04
NVNT	ax40	5310	Sum	99.07	0.04
NVNT	ax80	5290	Sum	98.28	0.08
NVNT	n20	5260	Sum	99.54	0.02
NVNT	n20	5280	Sum	99.54	0.02
NVNT	n20	5320	Sum	99.56	0.02
NVNT	n40	5270	Sum	99.06	0.04
NVNT	n40	5310	Sum	99.04	0.04

Test Graphs

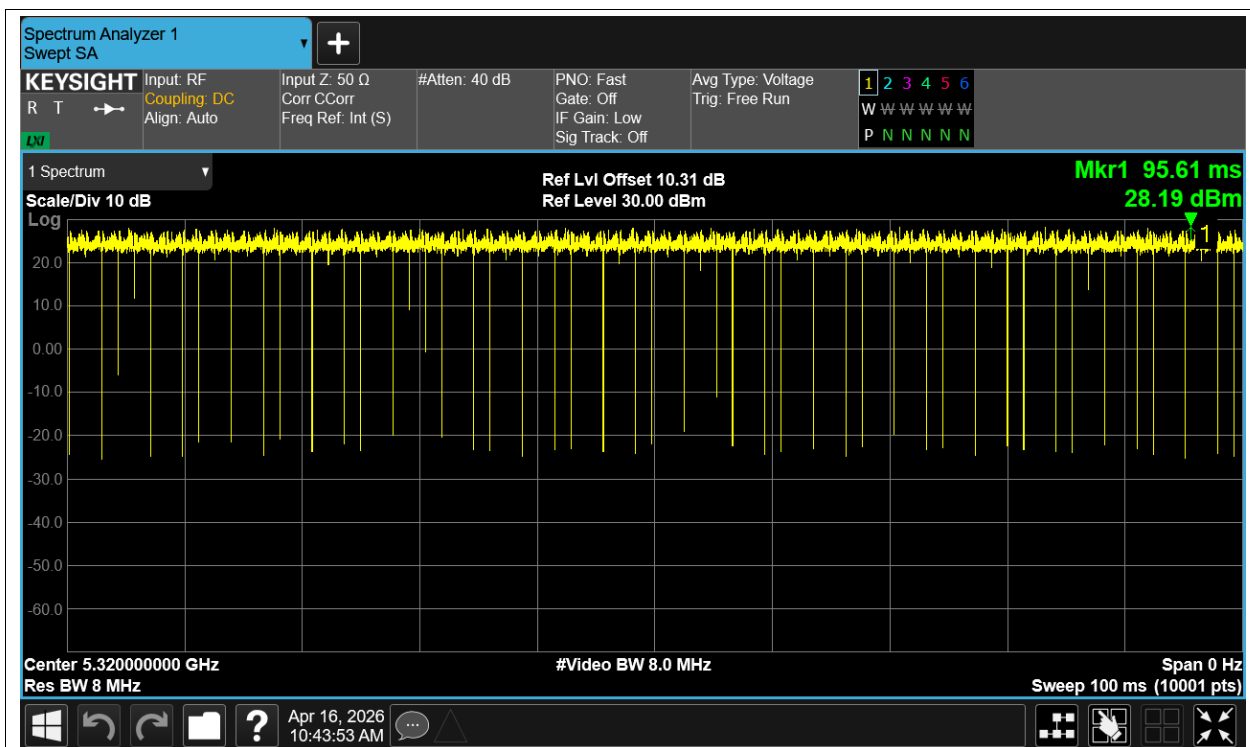
Duty Cycle NVNT a 5260MHz Ant1



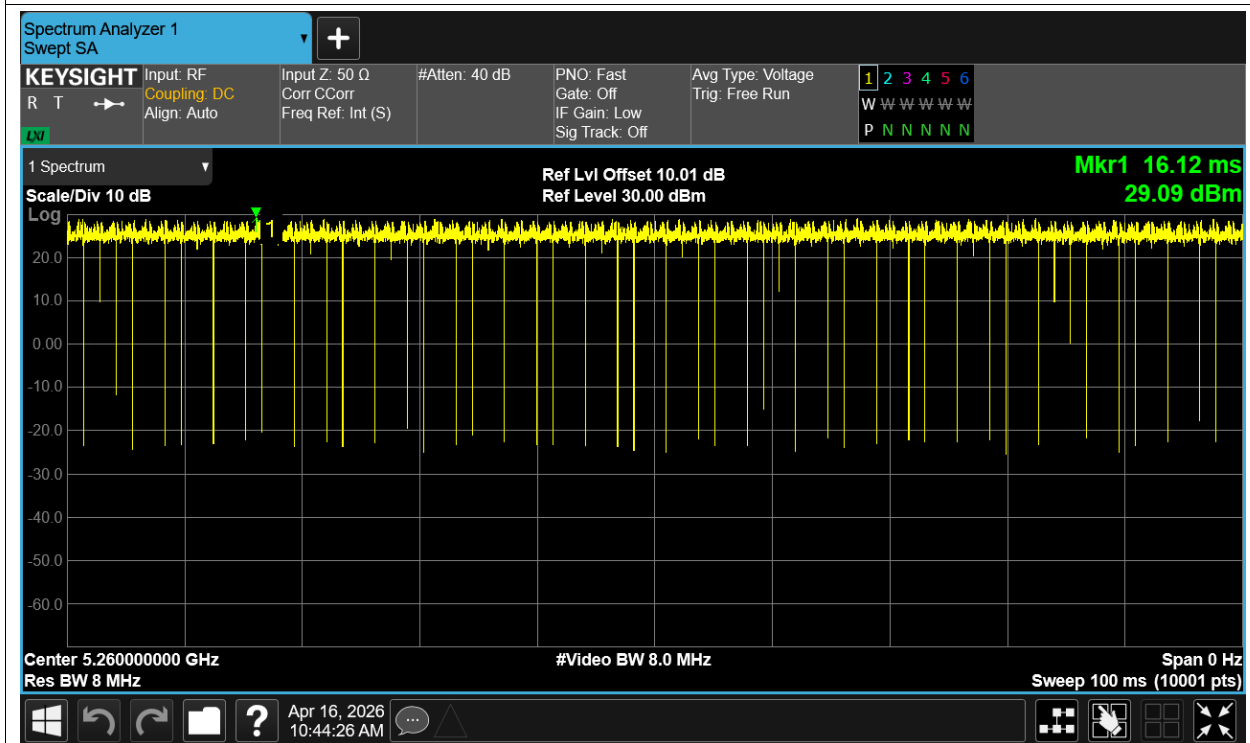
Duty Cycle NVNT a 5280MHz Ant1



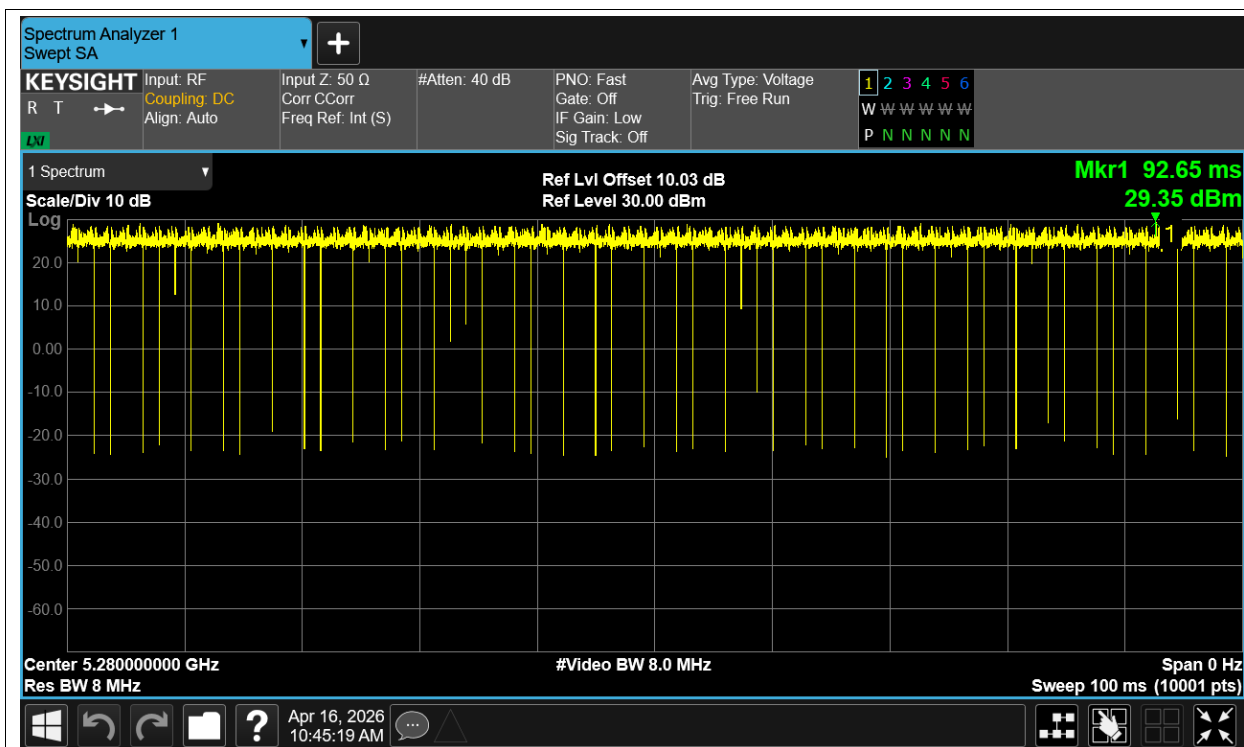
Duty Cycle NVNT a 5320MHz Ant1



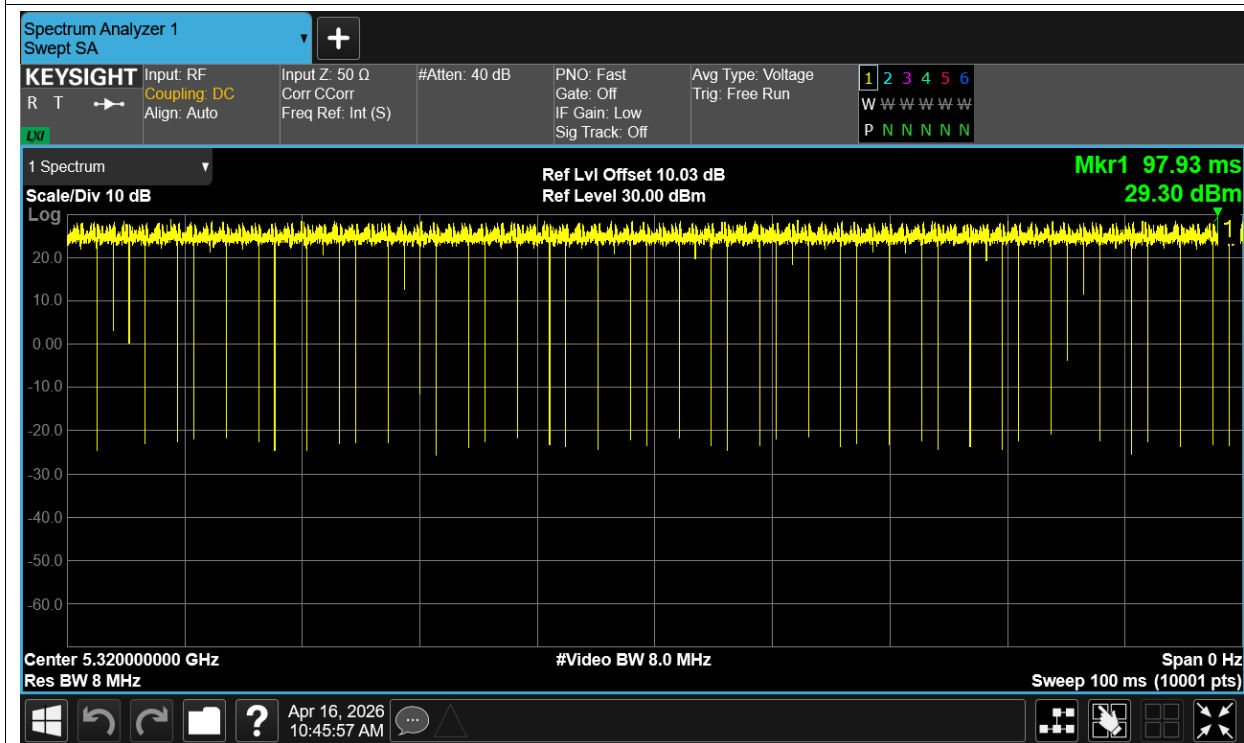
Duty Cycle NVNT a 5260MHz Ant2



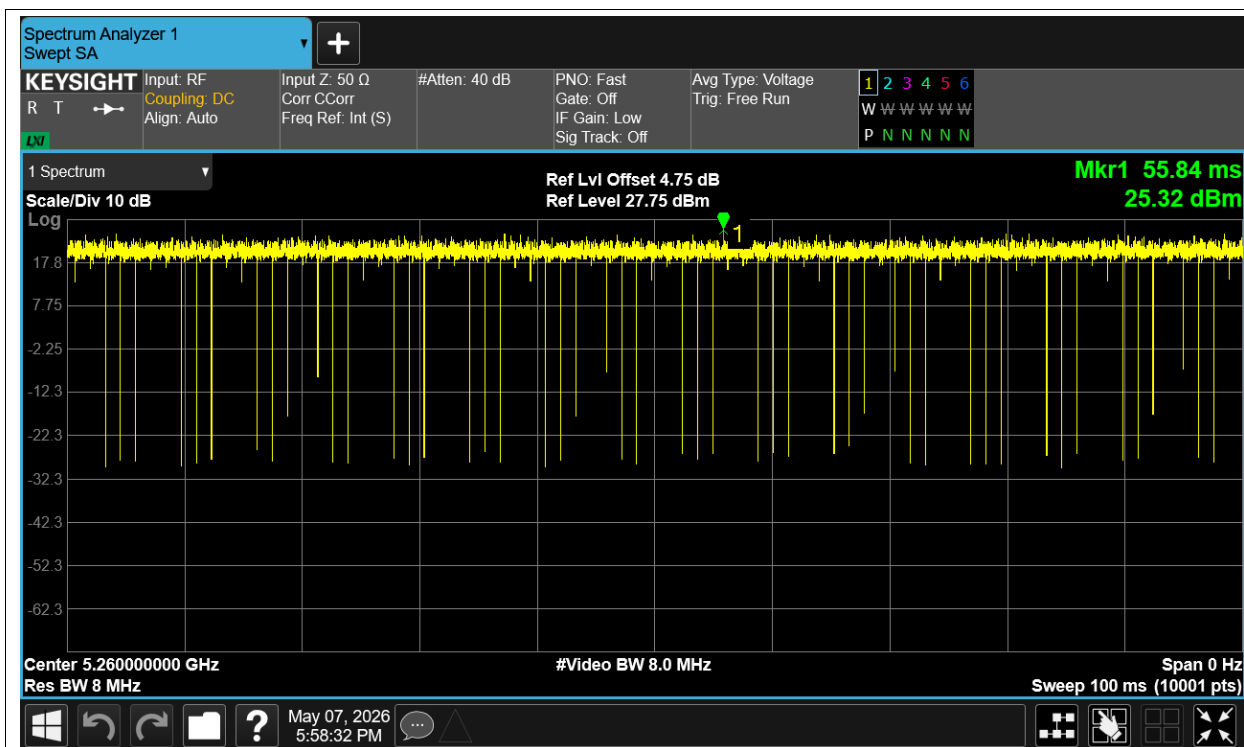
Duty Cycle NVNT a 5280MHz Ant2



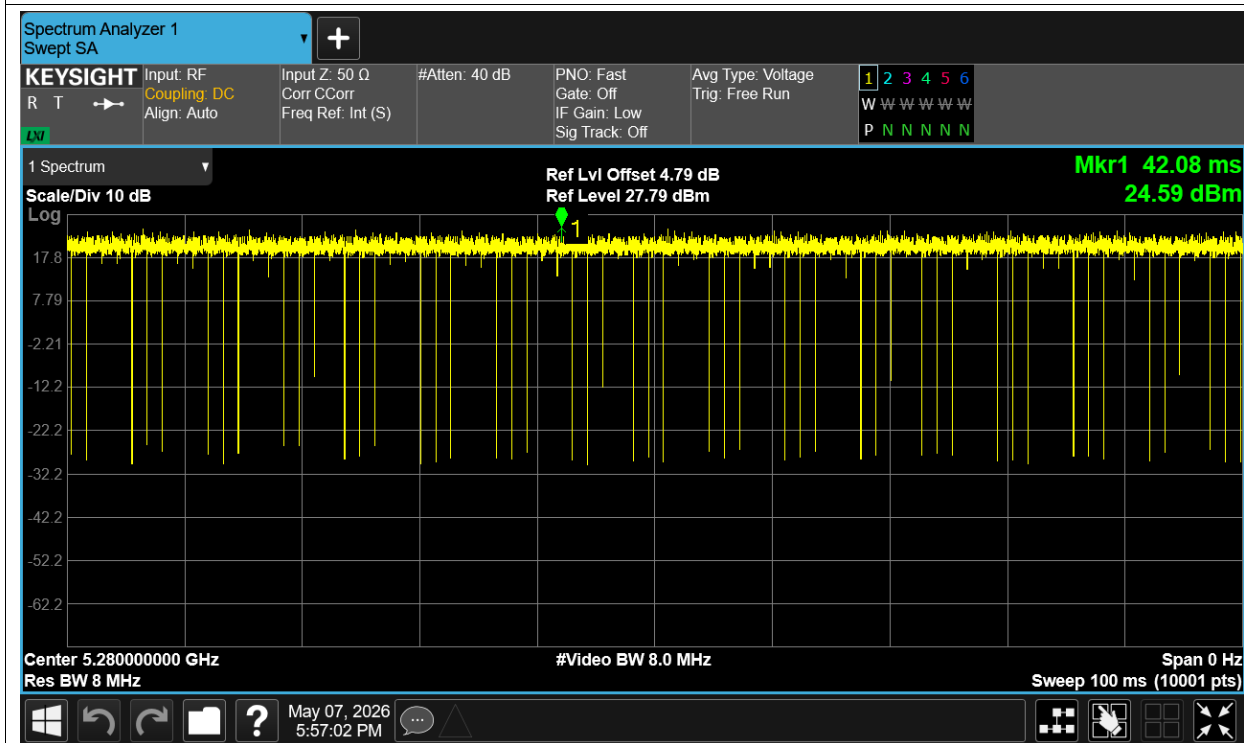
Duty Cycle NVNT a 5320MHz Ant2



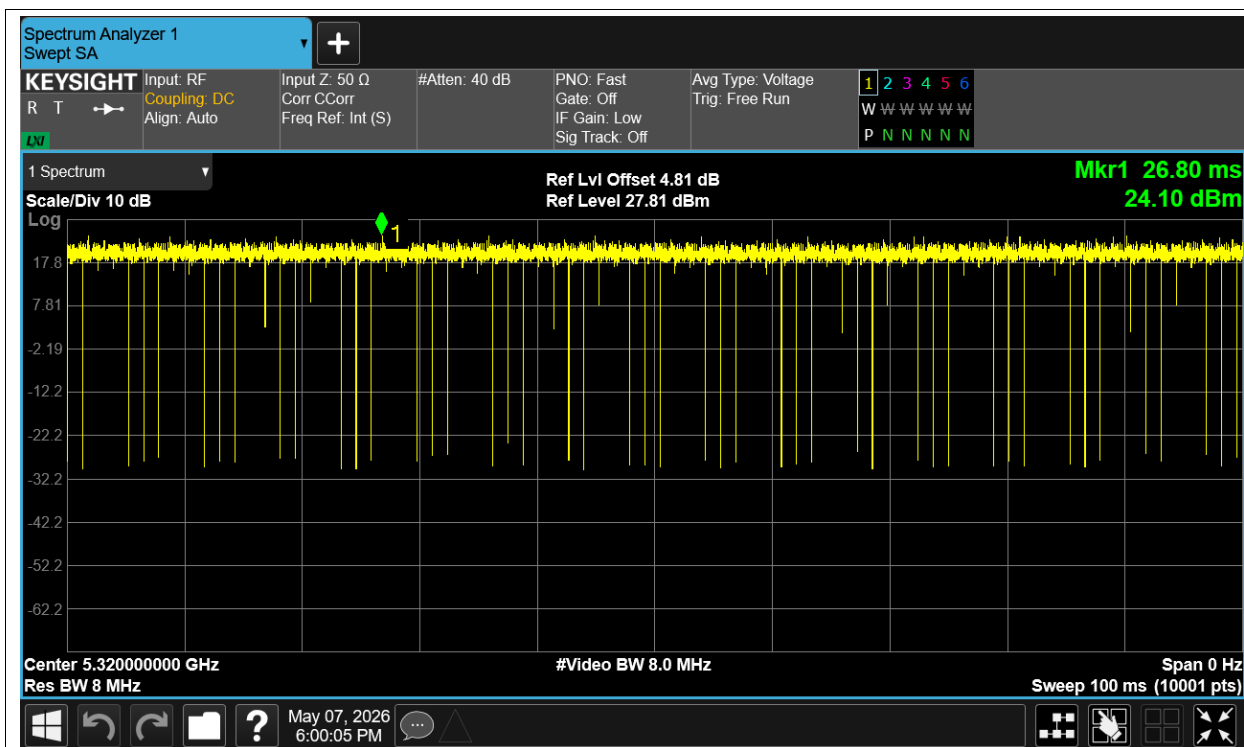
Duty Cycle NVNT ac20 5260MHz Sum



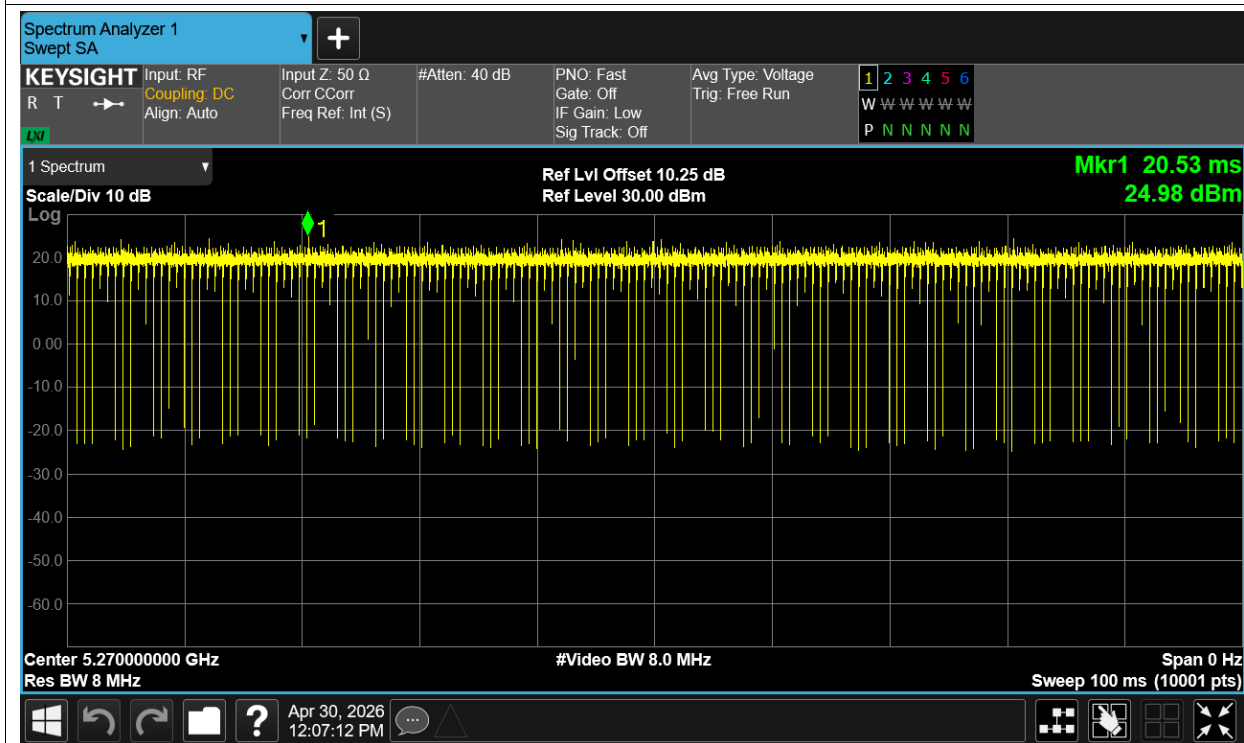
Duty Cycle NVNT ac20 5280MHz Sum



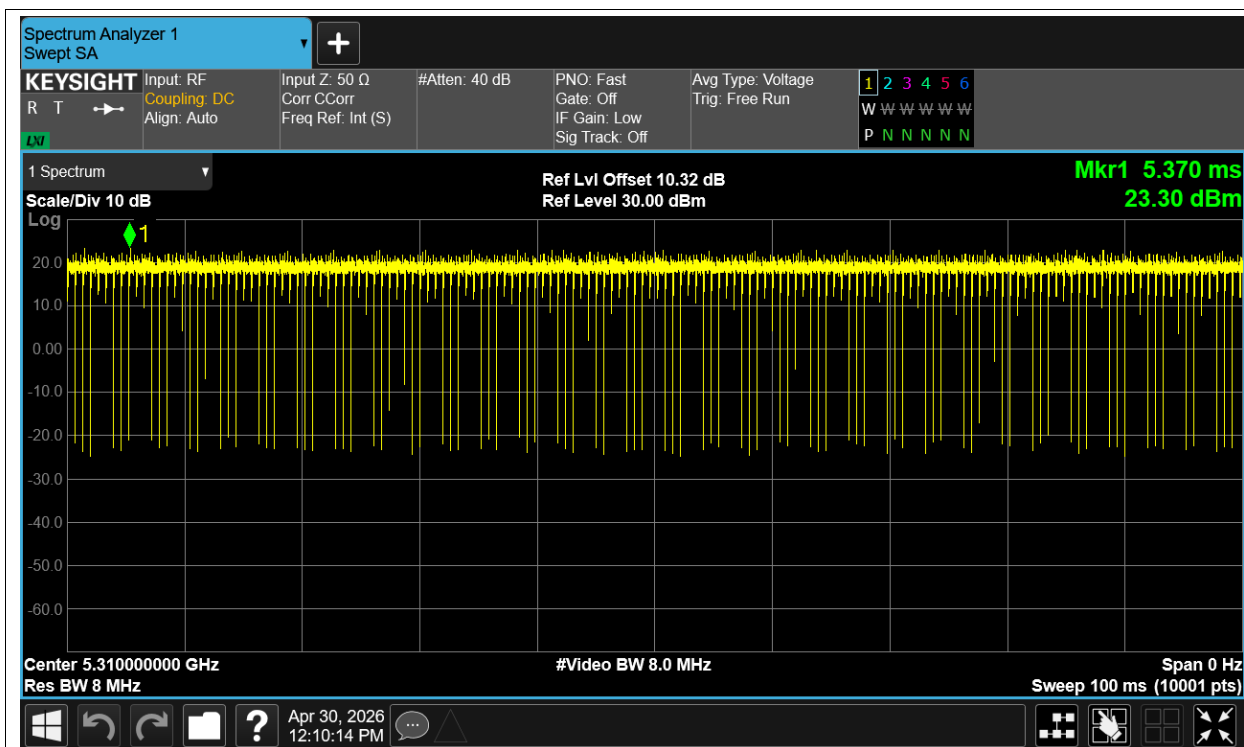
Duty Cycle NVNT ac20 5320MHz Sum



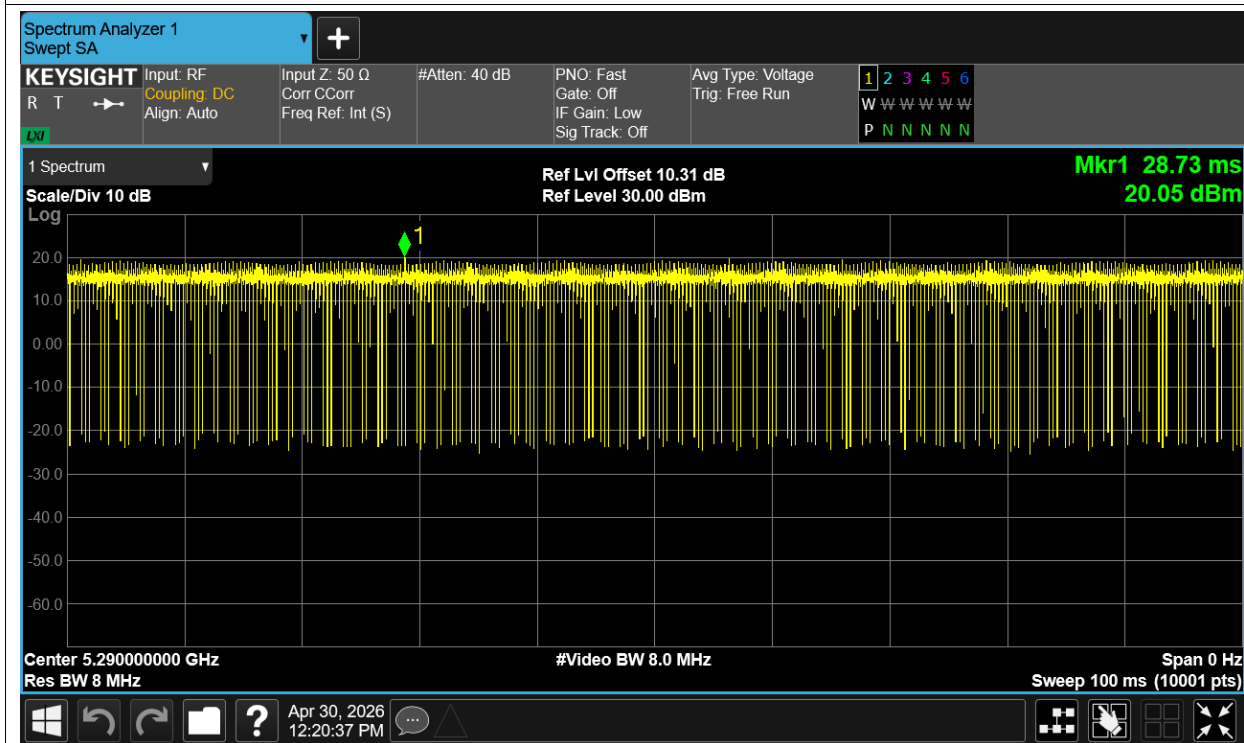
Duty Cycle NVNT ac40 5270MHz Sum



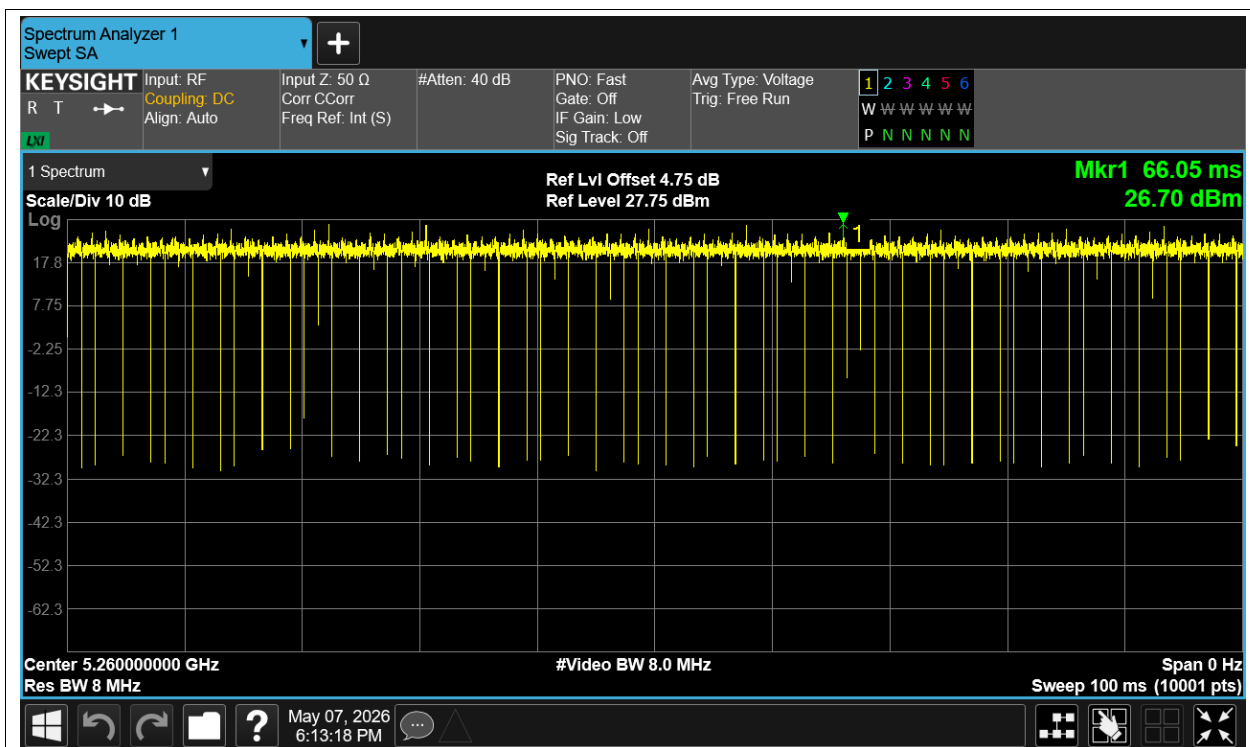
Duty Cycle NVNT ac40 5310MHz Sum



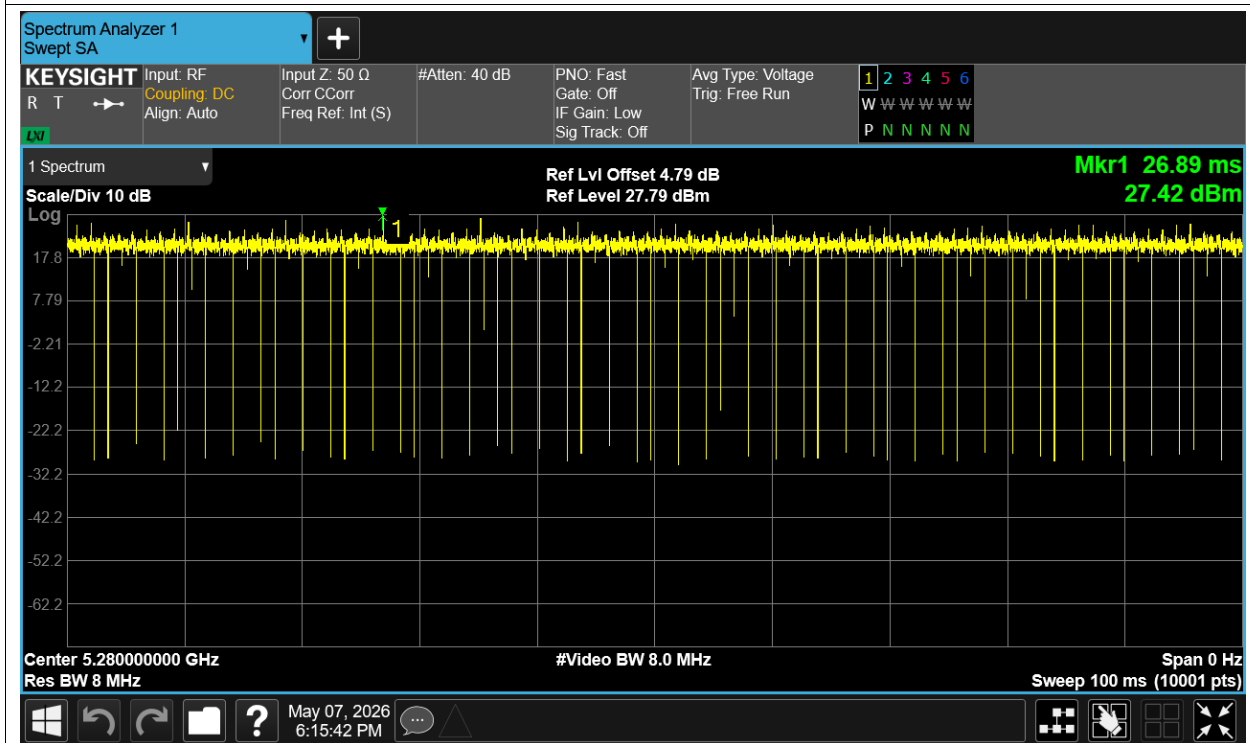
Duty Cycle NVNT ac80 5290MHz Sum



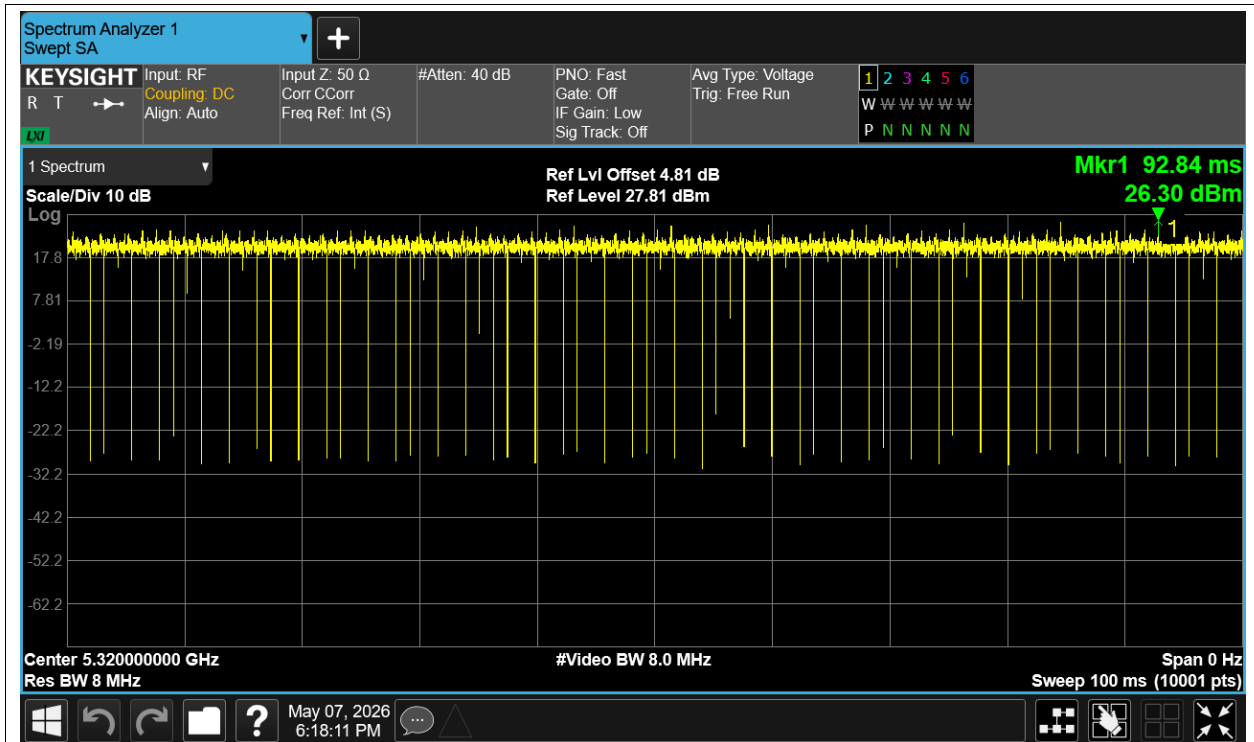
Duty Cycle NVNT ax20 5260MHz Sum



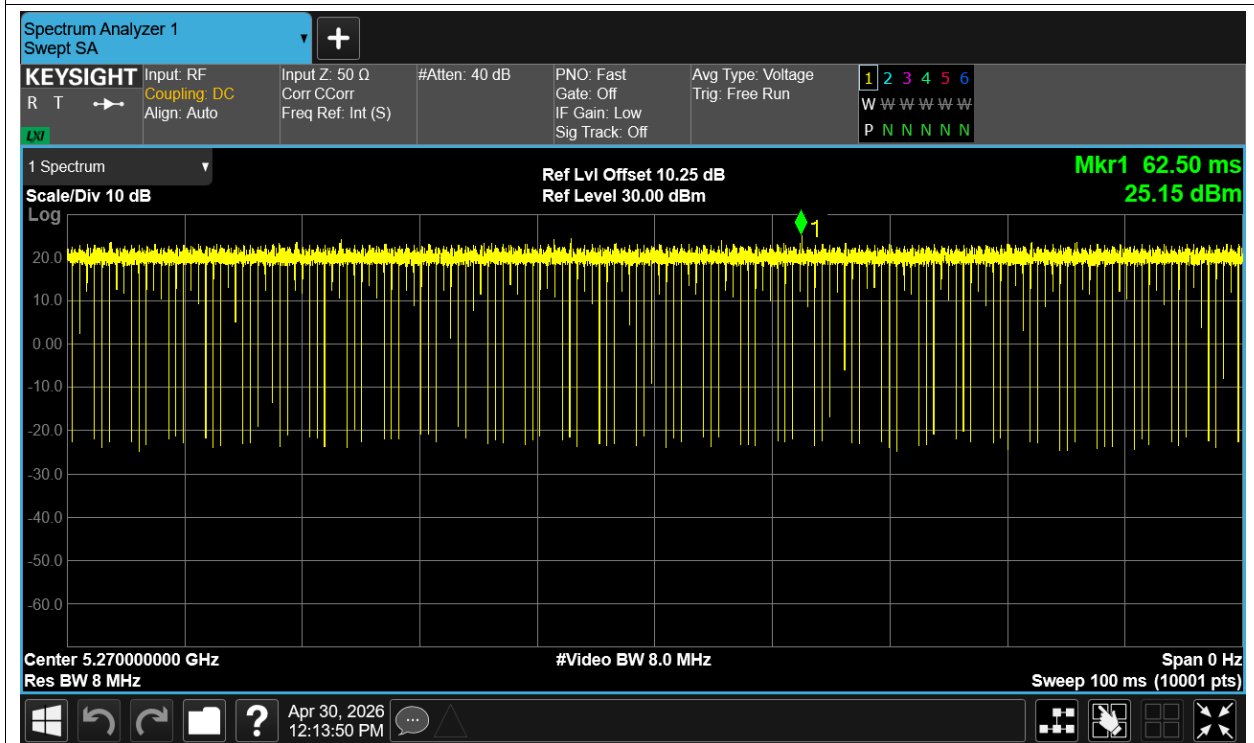
Duty Cycle NVNT ax20 5280MHz Sum



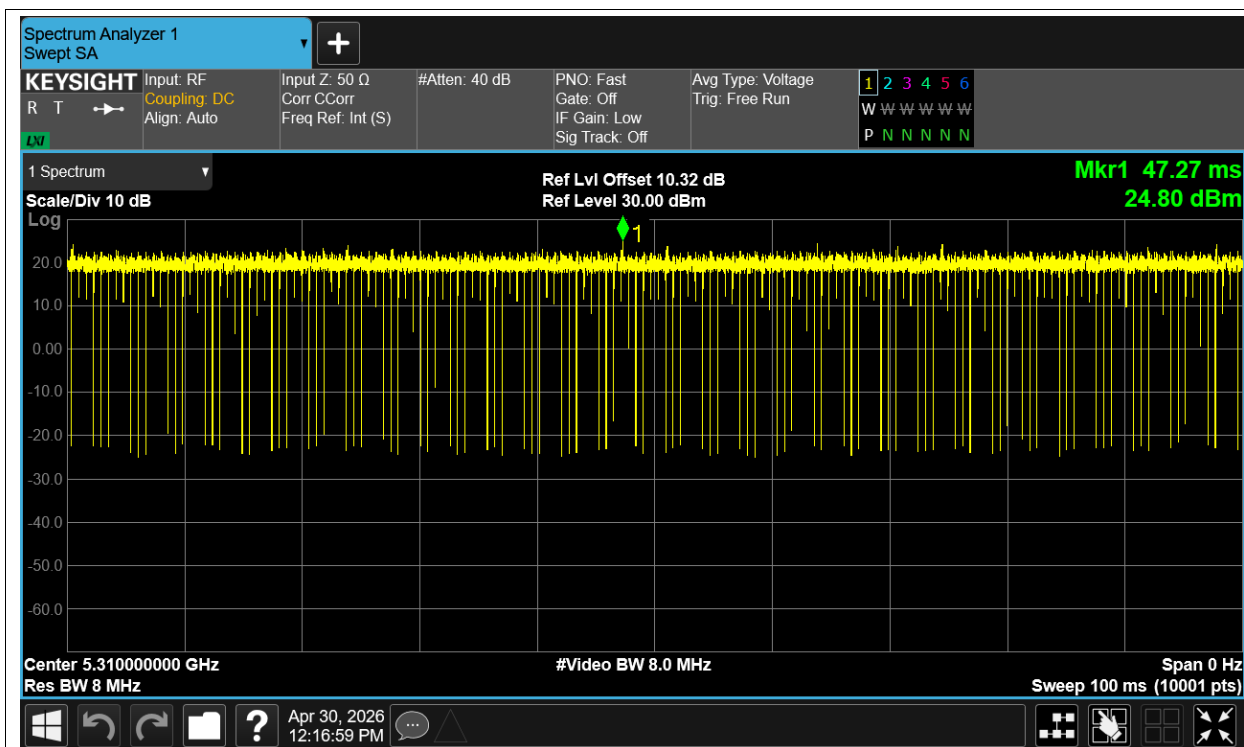
Duty Cycle NVNT ax20 5320MHz Sum



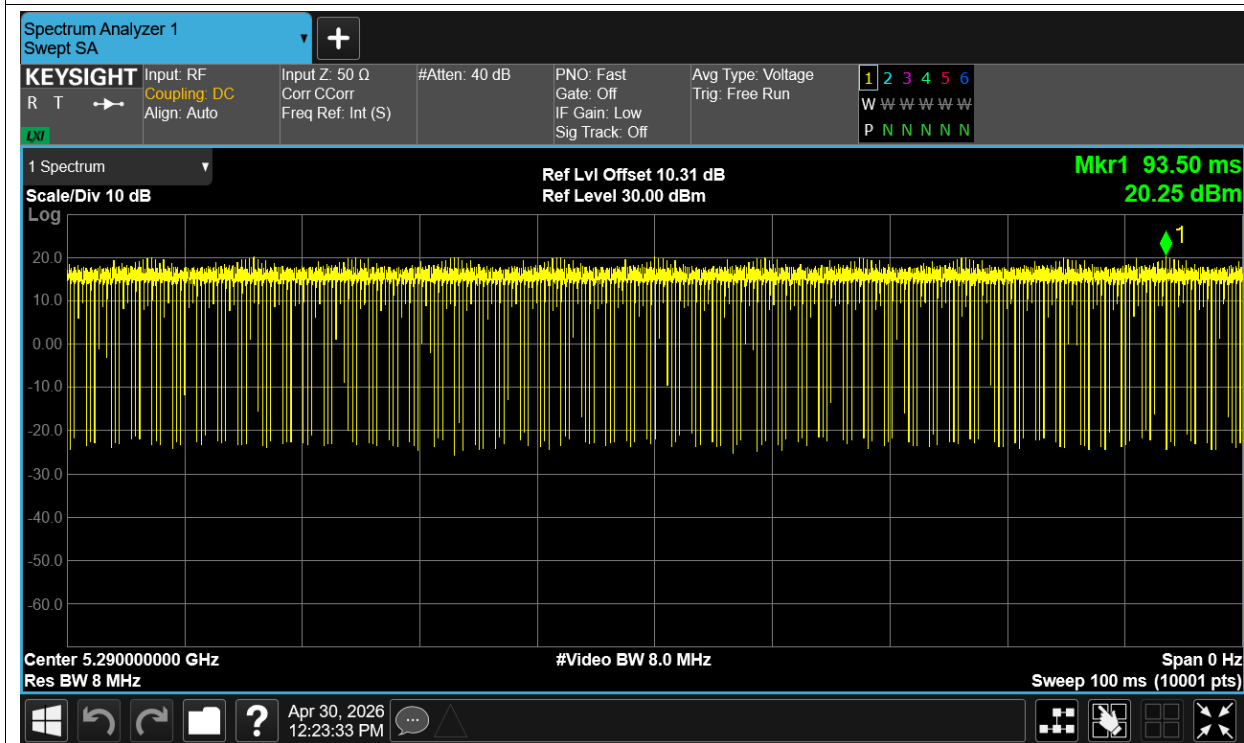
Duty Cycle NVNT ax40 5270MHz Sum



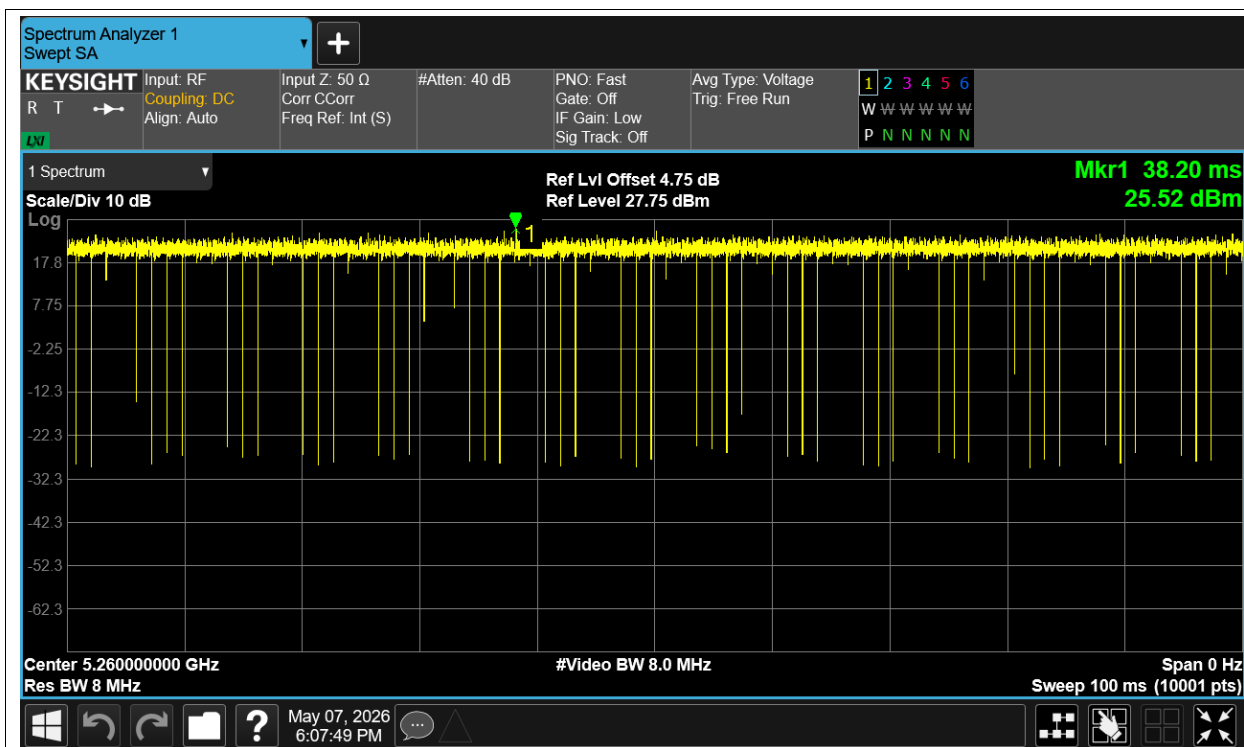
Duty Cycle NVNT ax40 5310MHz Sum



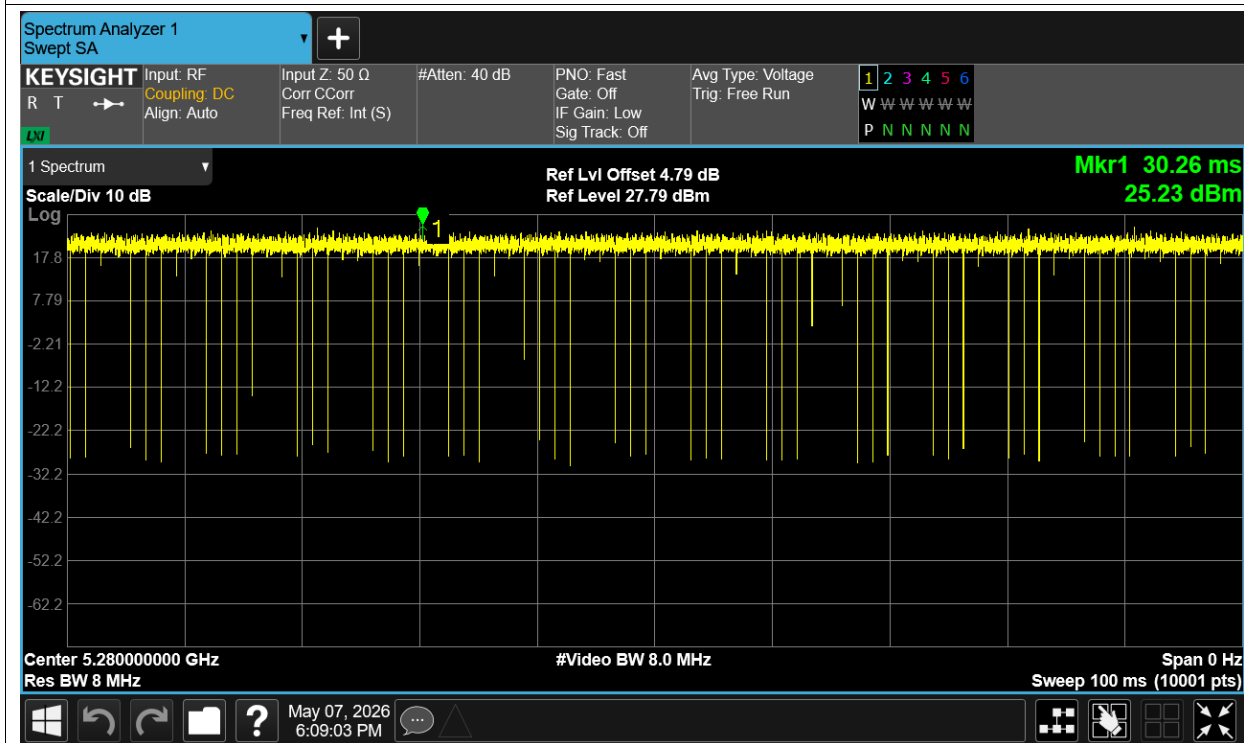
Duty Cycle NVNT ax80 5290MHz Sum



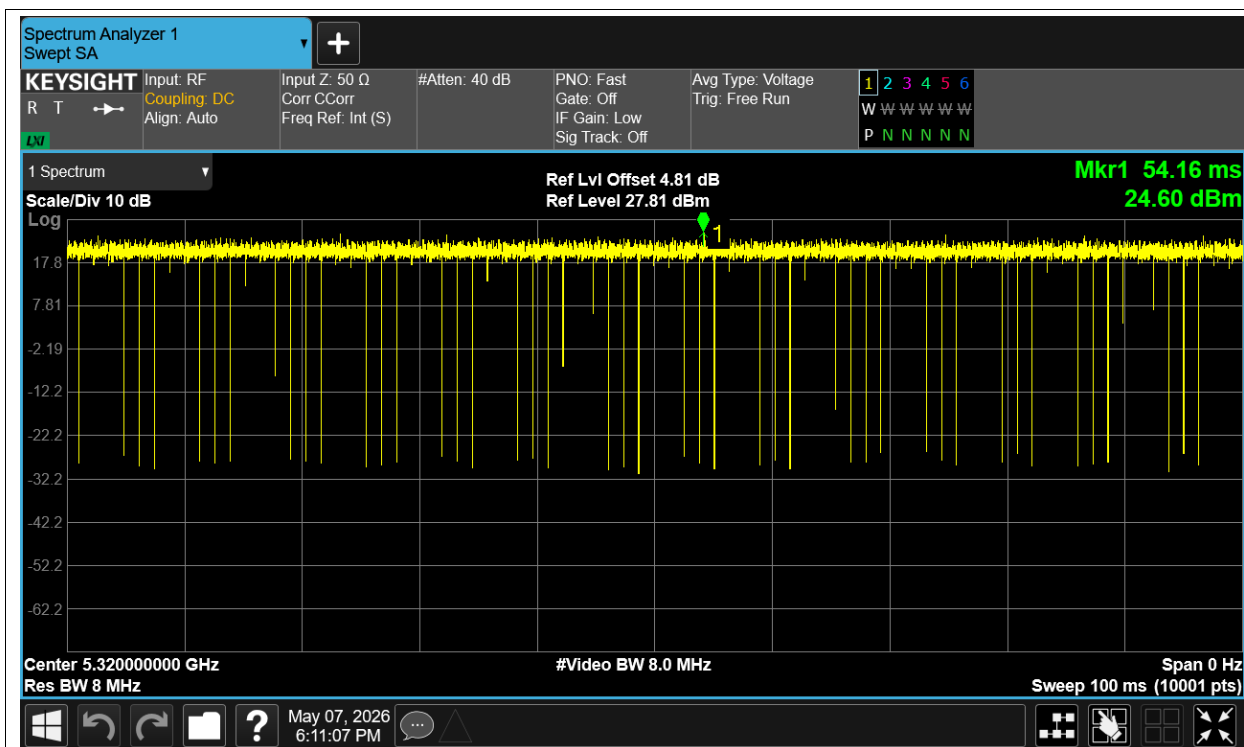
Duty Cycle NVNT n20 5260MHz Sum



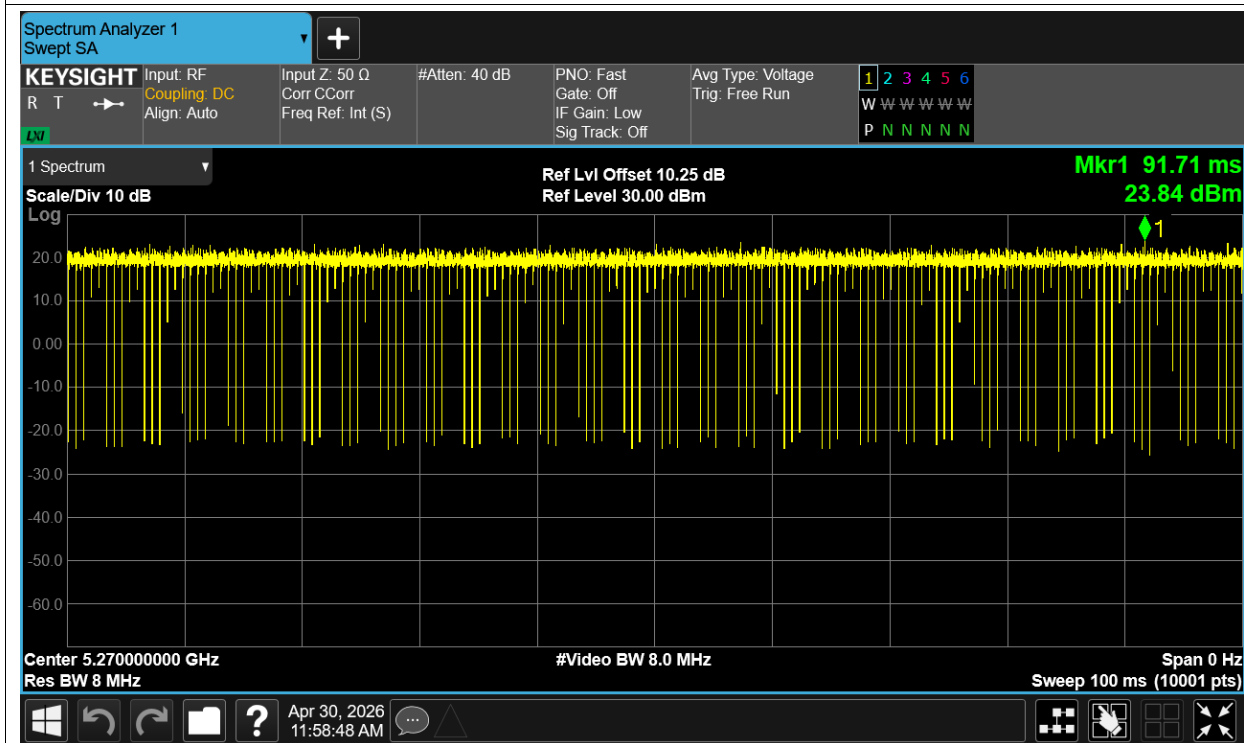
Duty Cycle NVNT n20 5280MHz Sum



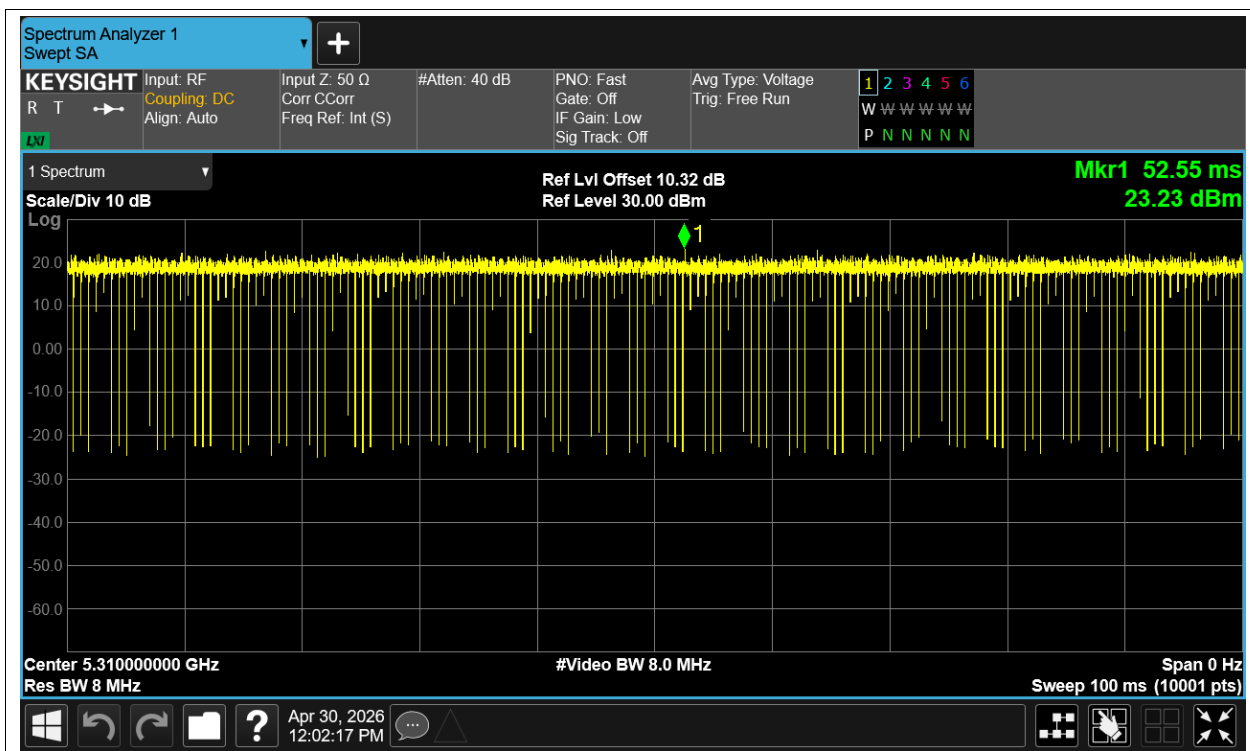
Duty Cycle NVNT n20 5320MHz Sum



Duty Cycle NVNT n40 5270MHz Sum



Duty Cycle NVNT n40 5310MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	21.08	0	21.08	24	Pass
NVNT	a	5280	Ant1	20.67	0.02	20.69	24	Pass
NVNT	a	5320	Ant1	20.51	0.02	20.53	24	Pass
NVNT	a	5260	Ant2	21.22	0.02	21.24	24	Pass
NVNT	a	5280	Ant2	21.41	0.02	21.43	24	Pass
NVNT	a	5320	Ant2	21.05	0.02	21.07	24	Pass
NVNT	ac20	5260	Ant1	16.46	0.02	16.48	22.14	Pass
NVNT	ac20	5260	Ant2	15.76	0.02	15.78	22.14	Pass
NVNT	ac20	5260	Sum	19.134	0.02	19.154	22.14	Pass
NVNT	ac20	5280	Ant1	16.77	0.02	16.79	22.14	Pass
NVNT	ac20	5280	Ant2	16.07	0.02	16.09	22.14	Pass
NVNT	ac20	5280	Sum	19.444	0.02	19.464	22.14	Pass
NVNT	ac20	5320	Ant1	16.24	0.02	16.26	22.14	Pass
NVNT	ac20	5320	Ant2	16.34	0.02	16.36	22.14	Pass
NVNT	ac20	5320	Sum	19.301	0.02	19.321	22.14	Pass
NVNT	ac40	5270	Ant1	18.83	0.04	18.87	22.14	Pass
NVNT	ac40	5270	Ant2	18.1	0.04	18.14	22.14	Pass
NVNT	ac40	5270	Sum	21.491	0.04	21.531	22.14	Pass
NVNT	ac40	5310	Ant1	18.4	0.04	18.44	22.14	Pass
NVNT	ac40	5310	Ant2	17.87	0.04	17.91	22.14	Pass
NVNT	ac40	5310	Sum	21.153	0.04	21.193	22.14	Pass
NVNT	ac80	5290	Ant1	18.18	0.08	18.26	22.14	Pass
NVNT	ac80	5290	Ant2	16.96	0.08	17.04	22.14	Pass
NVNT	ac80	5290	Sum	20.623	0.08	20.703	22.14	Pass
NVNT	ax20	5260	Ant1	16.88	0.02	16.9	22.14	Pass
NVNT	ax20	5260	Ant2	16.19	0.02	16.21	22.14	Pass
NVNT	ax20	5260	Sum	19.559	0.02	19.579	22.14	Pass
NVNT	ax20	5280	Ant1	16.5	0.02	16.52	22.14	Pass
NVNT	ax20	5280	Ant2	16.44	0.02	16.46	22.14	Pass
NVNT	ax20	5280	Sum	19.48	0.02	19.5	22.14	Pass
NVNT	ax20	5320	Ant1	16.34	0.02	16.36	22.14	Pass
NVNT	ax20	5320	Ant2	16.33	0.02	16.35	22.14	Pass
NVNT	ax20	5320	Sum	19.345	0.02	19.365	22.14	Pass
NVNT	ax40	5270	Ant1	18.88	0.04	18.92	22.14	Pass
NVNT	ax40	5270	Ant2	18.06	0.04	18.1	22.14	Pass
NVNT	ax40	5270	Sum	21.5	0.04	21.54	22.14	Pass
NVNT	ax40	5310	Ant1	18.58	0.04	18.62	22.14	Pass
NVNT	ax40	5310	Ant2	17.99	0.04	18.03	22.14	Pass
NVNT	ax40	5310	Sum	21.305	0.04	21.345	22.14	Pass

NVNT	ax80	5290	Ant1	18.33	0.08	18.41	22.14	Pass
NVNT	ax80	5290	Ant2	17.09	0.08	17.17	22.14	Pass
NVNT	ax80	5290	Sum	20.764	0.08	20.844	22.14	Pass
NVNT	n20	5260	Ant1	16.8	0.02	16.82	22.14	Pass
NVNT	n20	5260	Ant2	16.18	0.02	16.2	22.14	Pass
NVNT	n20	5260	Sum	19.511	0.02	19.531	22.14	Pass
NVNT	n20	5280	Ant1	16.38	0.02	16.4	22.14	Pass
NVNT	n20	5280	Ant2	16.4	0.02	16.42	22.14	Pass
NVNT	n20	5280	Sum	19.4	0.02	19.42	22.14	Pass
NVNT	n20	5320	Ant1	16.29	0.02	16.31	22.14	Pass
NVNT	n20	5320	Ant2	16.27	0.02	16.29	22.14	Pass
NVNT	n20	5320	Sum	19.29	0.02	19.31	22.14	Pass
NVNT	n40	5270	Ant1	18.86	0.04	18.9	22.14	Pass
NVNT	n40	5270	Ant2	17.98	0.04	18.02	22.14	Pass
NVNT	n40	5270	Sum	21.453	0.04	21.493	22.14	Pass
NVNT	n40	5310	Ant1	18.45	0.04	18.49	22.14	Pass
NVNT	n40	5310	Ant2	17.92	0.04	17.96	22.14	Pass
NVNT	n40	5310	Sum	21.203	0.04	21.243	22.14	Pass

Note: The limits need reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For MIMO mode: ant gain is $4.85+10*\log_{10}(2)=4.85+3.01=7.86$ dBi, the limit is $24-(7.86-6)=22.14$ dbm.

E.I.R.P Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Gain (dB)	Max E.I.R.P (dBm)	TPC Limit (dBm)	Verdict
NVNT	a	5260	Ant1	21.08	0	4.85	25.93	30	Pass
NVNT	a	5280	Ant1	20.67	0.02	4.85	25.54	30	Pass
NVNT	a	5320	Ant1	20.51	0.02	4.85	25.38	30	Pass
NVNT	a	5260	Ant2	21.22	0.02	4.85	26.09	30	Pass
NVNT	a	5280	Ant2	21.41	0.02	4.85	26.28	30	Pass
NVNT	a	5320	Ant2	21.05	0.02	4.85	25.92	30	Pass
NVNT	ac20	5260	Ant1	16.46	0.02	7.86	24.34	30	Pass
NVNT	ac20	5260	Ant2	15.76	0.02	7.86	23.64	30	Pass
NVNT	ac20	5260	Sum	19.134	0.02	7.86	27.014	30	Pass
NVNT	ac20	5280	Ant1	16.77	0.02	7.86	24.65	30	Pass
NVNT	ac20	5280	Ant2	16.07	0.02	7.86	23.95	30	Pass
NVNT	ac20	5280	Sum	19.444	0.02	7.86	27.324	30	Pass
NVNT	ac20	5320	Ant1	16.24	0.02	7.86	24.12	30	Pass
NVNT	ac20	5320	Ant2	16.34	0.02	7.86	24.22	30	Pass
NVNT	ac20	5320	Sum	19.301	0.02	7.86	27.181	30	Pass
NVNT	ac40	5270	Ant1	18.83	0.04	7.86	26.73	30	Pass
NVNT	ac40	5270	Ant2	18.1	0.04	7.86	26	30	Pass
NVNT	ac40	5270	Sum	21.491	0.04	7.86	29.391	30	Pass
NVNT	ac40	5310	Ant1	18.4	0.04	7.86	26.3	30	Pass
NVNT	ac40	5310	Ant2	17.87	0.04	7.86	25.77	30	Pass
NVNT	ac40	5310	Sum	21.153	0.04	7.86	29.053	30	Pass
NVNT	ac80	5290	Ant1	18.18	0.08	7.86	26.12	30	Pass
NVNT	ac80	5290	Ant2	16.96	0.08	7.86	24.9	30	Pass
NVNT	ac80	5290	Sum	20.623	0.08	7.86	28.563	30	Pass
NVNT	ax20	5260	Ant1	16.88	0.02	7.86	24.76	30	Pass
NVNT	ax20	5260	Ant2	16.19	0.02	7.86	24.07	30	Pass
NVNT	ax20	5260	Sum	19.559	0.02	7.86	27.439	30	Pass
NVNT	ax20	5280	Ant1	16.5	0.02	7.86	24.38	30	Pass
NVNT	ax20	5280	Ant2	16.44	0.02	7.86	24.32	30	Pass
NVNT	ax20	5280	Sum	19.48	0.02	7.86	27.36	30	Pass
NVNT	ax20	5320	Ant1	16.34	0.02	7.86	24.22	30	Pass
NVNT	ax20	5320	Ant2	16.33	0.02	7.86	24.21	30	Pass
NVNT	ax20	5320	Sum	19.345	0.02	7.86	27.225	30	Pass
NVNT	ax40	5270	Ant1	18.88	0.04	7.86	26.78	30	Pass
NVNT	ax40	5270	Ant2	18.06	0.04	7.86	25.96	30	Pass
NVNT	ax40	5270	Sum	21.5	0.04	7.86	29.4	30	Pass
NVNT	ax40	5310	Ant1	18.58	0.04	7.86	26.48	30	Pass
NVNT	ax40	5310	Ant2	17.99	0.04	7.86	25.89	30	Pass
NVNT	ax40	5310	Sum	21.305	0.04	7.86	29.205	30	Pass

NVNT	ax80	5290	Ant1	18.33	0.08	7.86	26.27	30	Pass
NVNT	ax80	5290	Ant2	17.09	0.08	7.86	25.03	30	Pass
NVNT	ax80	5290	Sum	20.764	0.08	7.86	28.704	30	Pass
NVNT	n20	5260	Ant1	16.8	0.02	7.86	24.68	30	Pass
NVNT	n20	5260	Ant2	16.18	0.02	7.86	24.06	30	Pass
NVNT	n20	5260	Sum	19.511	0.02	7.86	27.391	30	Pass
NVNT	n20	5280	Ant1	16.38	0.02	7.86	24.26	30	Pass
NVNT	n20	5280	Ant2	16.4	0.02	7.86	24.28	30	Pass
NVNT	n20	5280	Sum	19.4	0.02	7.86	27.28	30	Pass
NVNT	n20	5320	Ant1	16.29	0.02	7.86	24.17	30	Pass
NVNT	n20	5320	Ant2	16.27	0.02	7.86	24.15	30	Pass
NVNT	n20	5320	Sum	19.29	0.02	7.86	27.17	30	Pass
NVNT	n40	5270	Ant1	18.86	0.04	7.86	26.76	30	Pass
NVNT	n40	5270	Ant2	17.98	0.04	7.86	25.88	30	Pass
NVNT	n40	5270	Sum	21.453	0.04	7.86	29.353	30	Pass
NVNT	n40	5310	Ant1	18.45	0.04	7.86	26.35	30	Pass
NVNT	n40	5310	Ant2	17.92	0.04	7.86	25.82	30	Pass
NVNT	n40	5310	Sum	21.203	0.04	7.86	29.103	30	Pass

For MIMO mode: ant gain is $4.85+10*\log_{10}(2)=4.85+3.01=7.86$ dBi,

Output Power TPC Low

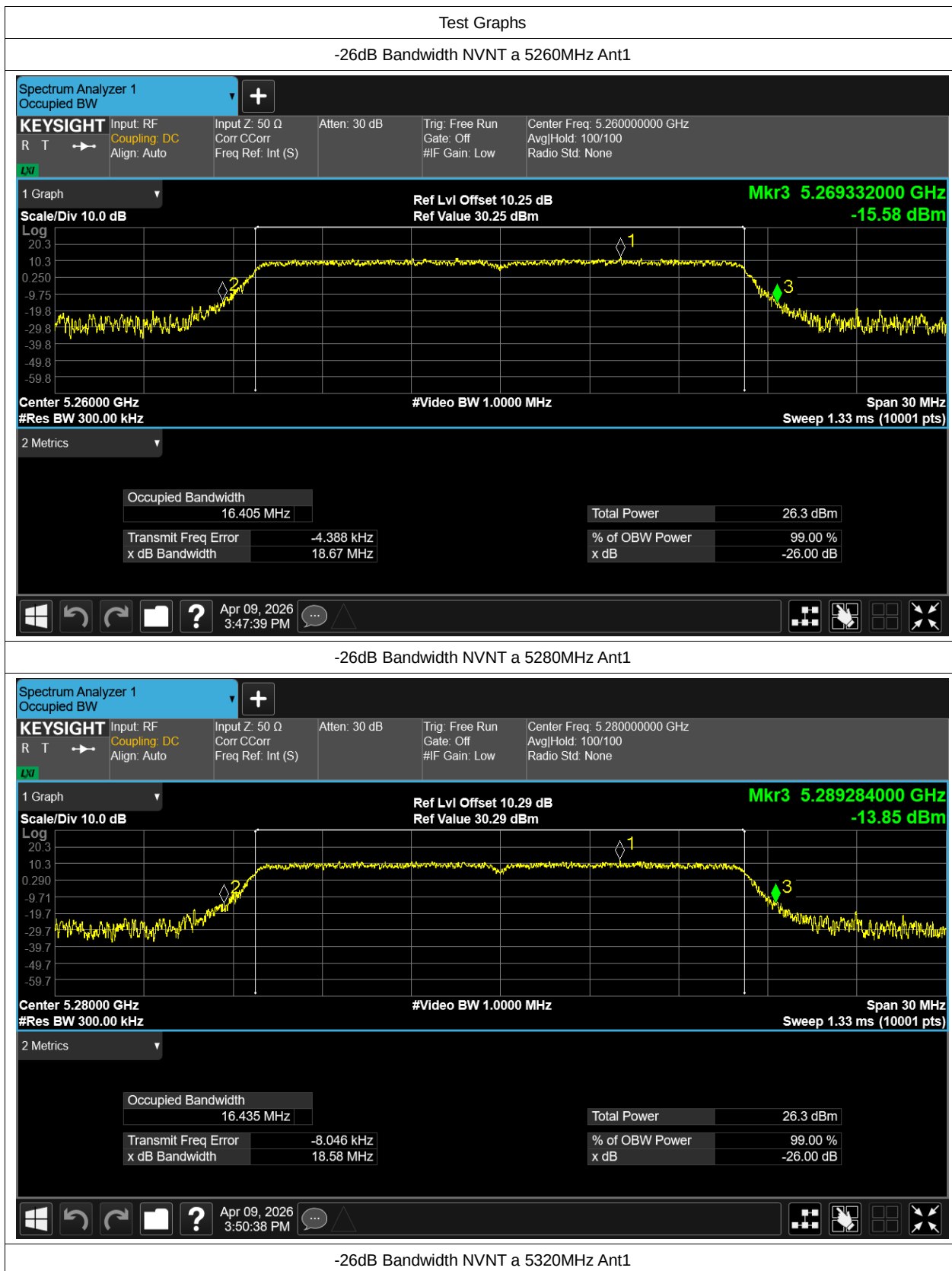
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Gain (dB)	Max E.I.R.P (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	14.92	0	4.85	19.77	24	Pass
NVNT	a	5280	Ant1	14.48	0.02	4.85	19.35	24	Pass
NVNT	a	5320	Ant1	14.94	0.02	4.85	19.81	24	Pass
NVNT	a	5260	Ant2	14.92	0.02	4.85	19.79	24	Pass
NVNT	a	5280	Ant2	15.32	0.02	4.85	20.19	24	Pass
NVNT	a	5320	Ant2	15.05	0.02	4.85	19.92	24	Pass
NVNT	ac20	5260	Ant1	10.93	0.02	7.86	18.81	24	Pass
NVNT	ac20	5260	Ant2	9.76	0.02	7.86	17.64	24	Pass
NVNT	ac20	5260	Sum	12.97	0.02	7.86	20.85	24	Pass
NVNT	ac20	5280	Ant1	11.19	0.02	7.86	19.07	24	Pass
NVNT	ac20	5280	Ant2	10.03	0.02	7.86	17.91	24	Pass
NVNT	ac20	5280	Sum	13.79	0.02	7.86	21.67	24	Pass
NVNT	ac20	5320	Ant1	10.48	0.02	7.86	18.36	24	Pass
NVNT	ac20	5320	Ant2	10.25	0.02	7.86	18.13	24	Pass
NVNT	ac20	5320	Sum	12.84	0.02	7.86	20.72	24	Pass
NVNT	ac40	5270	Ant1	12.87	0.04	7.86	20.77	24	Pass
NVNT	ac40	5270	Ant2	11.78	0.04	7.86	19.68	24	Pass
NVNT	ac40	5270	Sum	15.52	0.04	7.86	23.42	24	Pass
NVNT	ac40	5310	Ant1	12.46	0.04	7.86	20.36	24	Pass
NVNT	ac40	5310	Ant2	11.42	0.04	7.86	19.32	24	Pass
NVNT	ac40	5310	Sum	14.86	0.04	7.86	22.76	24	Pass
NVNT	ac80	5290	Ant1	11.98	0.08	7.86	19.92	24	Pass
NVNT	ac80	5290	Ant2	10.92	0.08	7.86	18.86	24	Pass
NVNT	ac80	5290	Sum	14.22	0.08	7.86	22.16	24	Pass
NVNT	ax20	5260	Ant1	11.08	0.02	7.86	18.96	24	Pass
NVNT	ax20	5260	Ant2	10.43	0.02	7.86	18.31	24	Pass
NVNT	ax20	5260	Sum	13.96	0.02	7.86	21.84	24	Pass
NVNT	ax20	5280	Ant1	10.71	0.02	7.86	18.59	24	Pass
NVNT	ax20	5280	Ant2	9.95	0.02	7.86	17.83	24	Pass
NVNT	ax20	5280	Sum	13.8	0.02	7.86	21.68	24	Pass
NVNT	ax20	5320	Ant1	10.29	0.02	7.86	18.17	24	Pass
NVNT	ax20	5320	Ant2	10.21	0.02	7.86	18.09	24	Pass
NVNT	ax20	5320	Sum	13.07	0.02	7.86	20.95	24	Pass
NVNT	ax40	5270	Ant1	12.65	0.04	7.86	20.55	24	Pass
NVNT	ax40	5270	Ant2	12.48	0.04	7.86	20.38	24	Pass
NVNT	ax40	5270	Sum	15.36	0.04	7.86	23.26	24	Pass
NVNT	ax40	5310	Ant1	12.22	0.04	7.86	20.12	24	Pass
NVNT	ax40	5310	Ant2	11.76	0.04	7.86	19.66	24	Pass
NVNT	ax40	5310	Sum	15.62	0.04	7.86	23.52	24	Pass

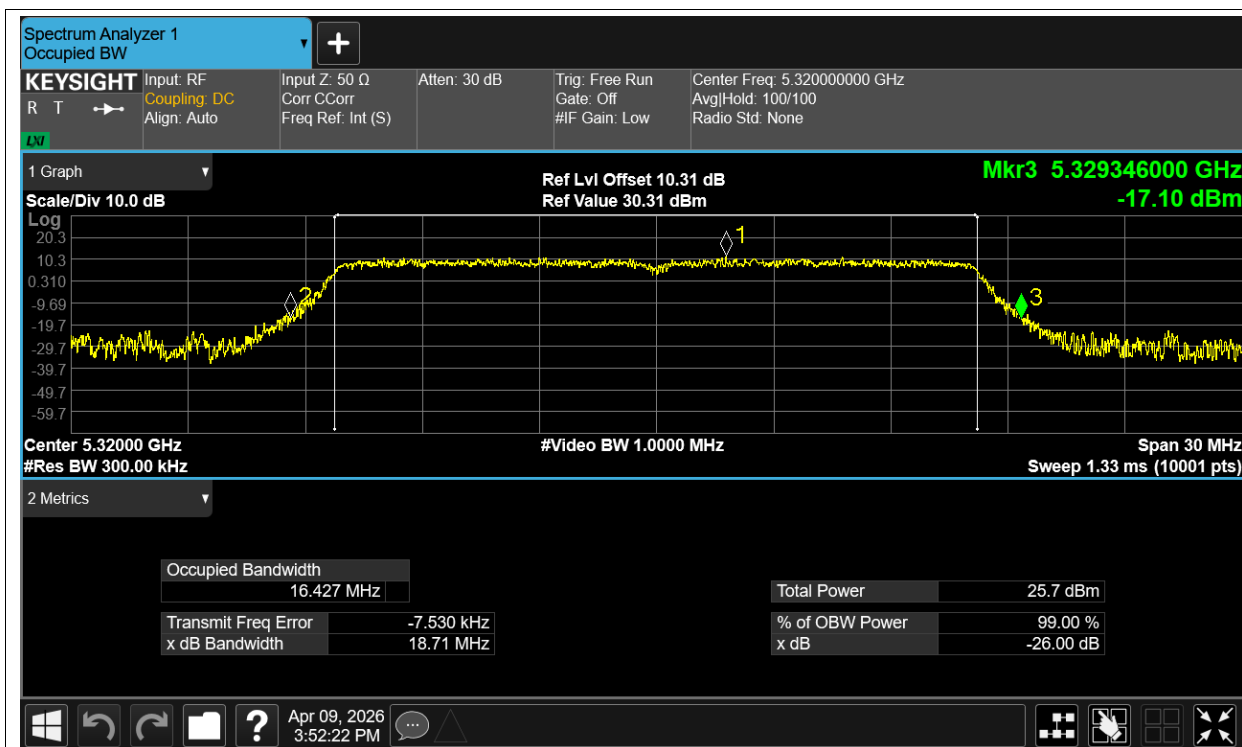
NVNT	ax80	5290	Ant1	12.54	0.08	7.86	20.48	24	Pass
NVNT	ax80	5290	Ant2	11.38	0.08	7.86	19.32	24	Pass
NVNT	ax80	5290	Sum	15.15	0.08	7.86	23.09	24	Pass
NVNT	n20	5260	Ant1	10.53	0.02	7.86	18.41	24	Pass
NVNT	n20	5260	Ant2	10.43	0.02	7.86	18.31	24	Pass
NVNT	n20	5260	Sum	13.74	0.02	7.86	21.62	24	Pass
NVNT	n20	5280	Ant1	10.84	0.02	7.86	18.72	24	Pass
NVNT	n20	5280	Ant2	9.95	0.02	7.86	17.83	24	Pass
NVNT	n20	5280	Sum	13.88	0.02	7.86	21.76	24	Pass
NVNT	n20	5320	Ant1	10.29	0.02	7.86	18.17	24	Pass
NVNT	n20	5320	Ant2	10.71	0.02	7.86	18.59	24	Pass
NVNT	n20	5320	Sum	13.73	0.02	7.86	21.61	24	Pass
NVNT	n40	5270	Ant1	13.21	0.04	7.86	21.11	24	Pass
NVNT	n40	5270	Ant2	11.98	0.04	7.86	19.88	24	Pass
NVNT	n40	5270	Sum	15.24	0.04	7.86	23.14	24	Pass
NVNT	n40	5310	Ant1	11.99	0.04	7.86	19.89	24	Pass
NVNT	n40	5310	Ant2	11.99	0.04	7.86	19.89	24	Pass
NVNT	n40	5310	Sum	15.05	0.04	7.86	22.95	24	Pass

For MIMO mode: ant gain is $4.85+10*\log_{10}(2)=4.85+3.01=7.86$ dBi,

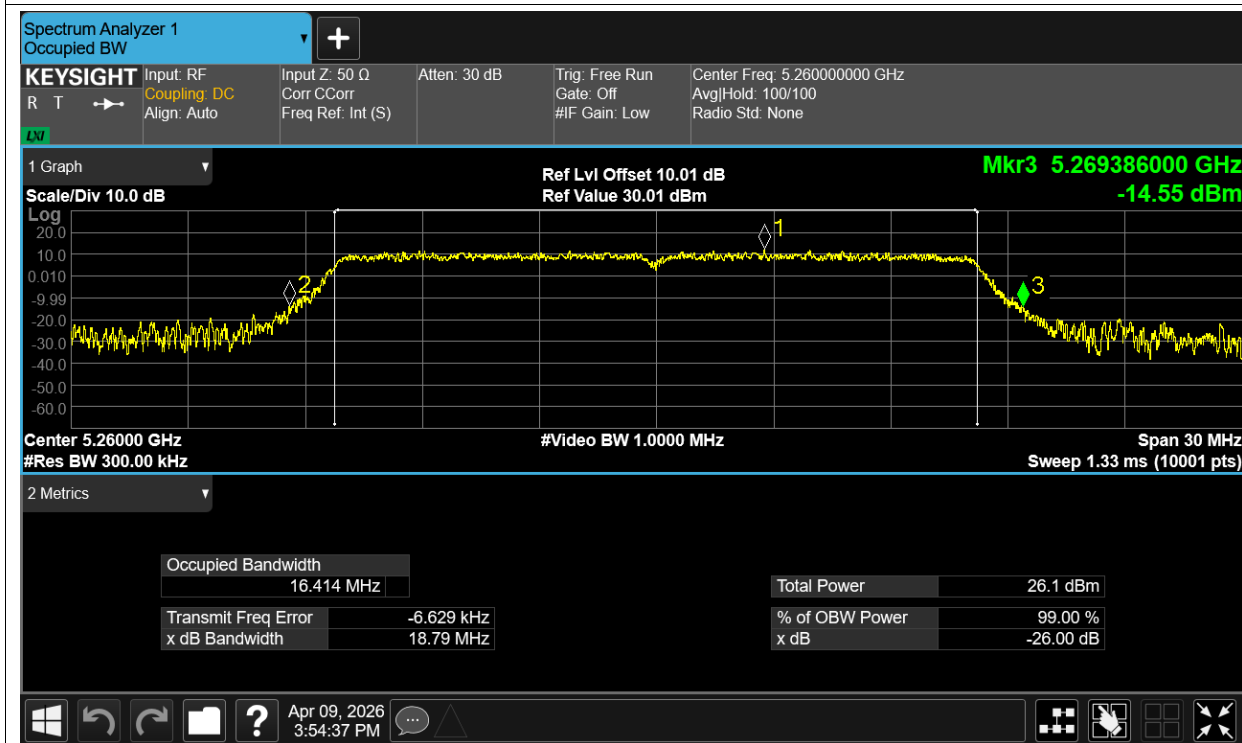
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	18.672
NVNT	a	5280	Ant1	18.584
NVNT	a	5320	Ant1	18.708
NVNT	a	5260	Ant2	18.786
NVNT	a	5280	Ant2	18.757
NVNT	a	5320	Ant2	18.643
NVNT	ac20	5260	Ant1	19.527
NVNT	ac20	5260	Ant2	19.487
NVNT	ac20	5280	Ant1	19.473
NVNT	ac20	5280	Ant2	19.552
NVNT	ac20	5320	Ant1	19.63
NVNT	ac20	5320	Ant2	19.587
NVNT	ac40	5270	Ant1	38.842
NVNT	ac40	5270	Ant2	38.82
NVNT	ac40	5310	Ant1	38.705
NVNT	ac40	5310	Ant2	38.699
NVNT	ac80	5290	Ant1	78.289
NVNT	ac80	5290	Ant2	78.155
NVNT	ax20	5260	Ant1	20.549
NVNT	ax20	5260	Ant2	20.333
NVNT	ax20	5280	Ant1	20.551
NVNT	ax20	5280	Ant2	20.447
NVNT	ax20	5320	Ant1	20.546
NVNT	ax20	5320	Ant2	20.431
NVNT	ax40	5270	Ant1	39.586
NVNT	ax40	5270	Ant2	39.818
NVNT	ax40	5310	Ant1	39.529
NVNT	ax40	5310	Ant2	39.973
NVNT	ax80	5290	Ant1	79.369
NVNT	ax80	5290	Ant2	79.635
NVNT	n20	5260	Ant1	19.573
NVNT	n20	5260	Ant2	19.53
NVNT	n20	5280	Ant1	19.49
NVNT	n20	5280	Ant2	19.536
NVNT	n20	5320	Ant1	19.543
NVNT	n20	5320	Ant2	19.597
NVNT	n40	5270	Ant1	38.809
NVNT	n40	5270	Ant2	38.533
NVNT	n40	5310	Ant1	38.769
NVNT	n40	5310	Ant2	38.656

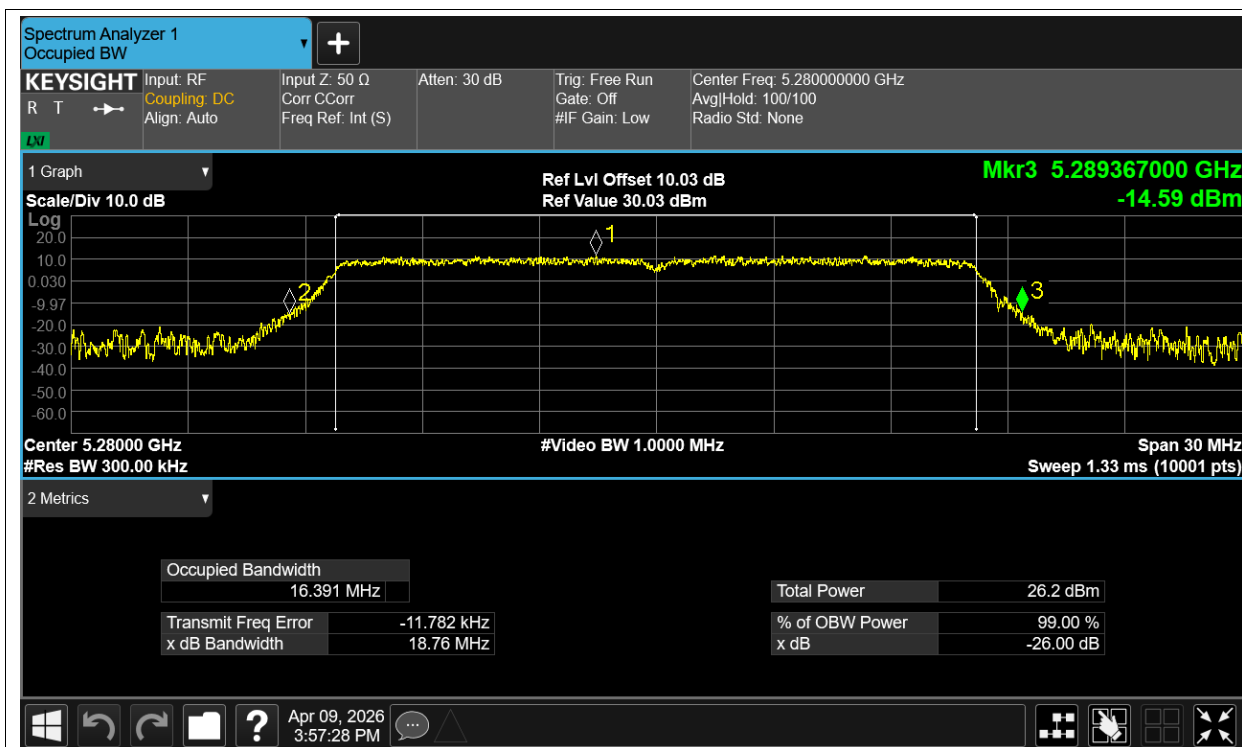




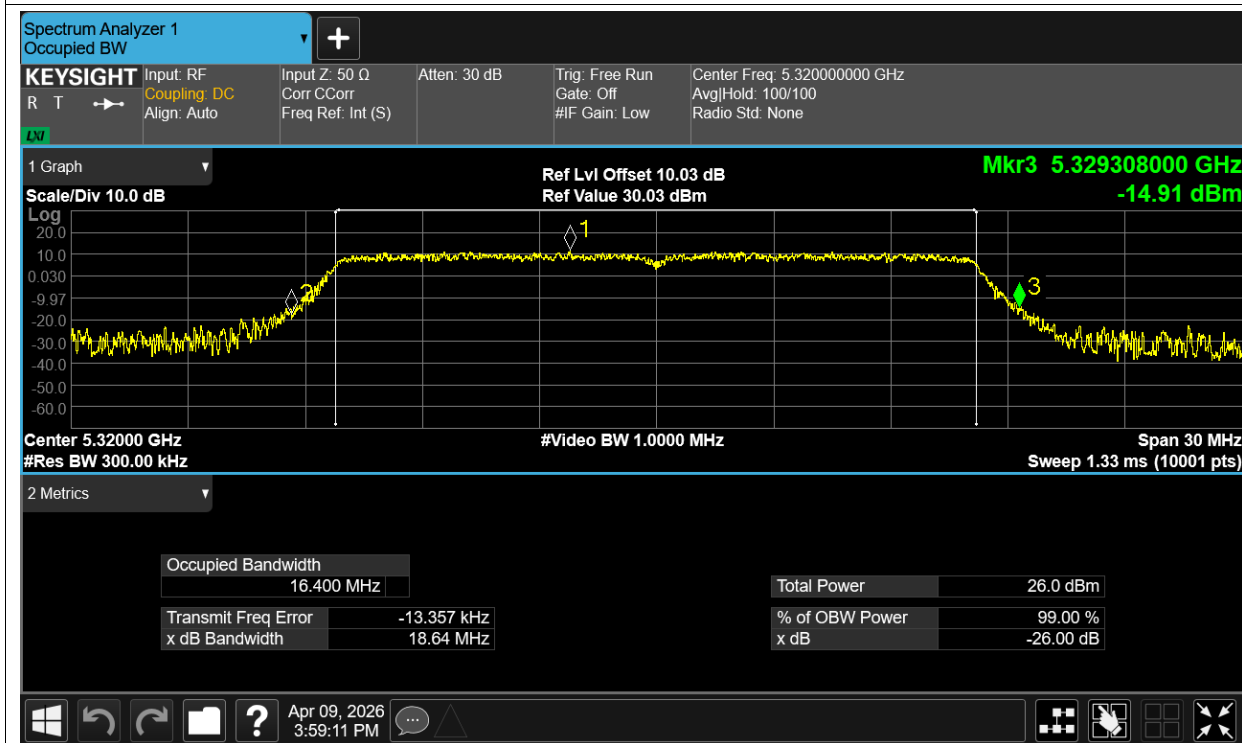
-26dB Bandwidth NVNT a 5260MHz Ant2



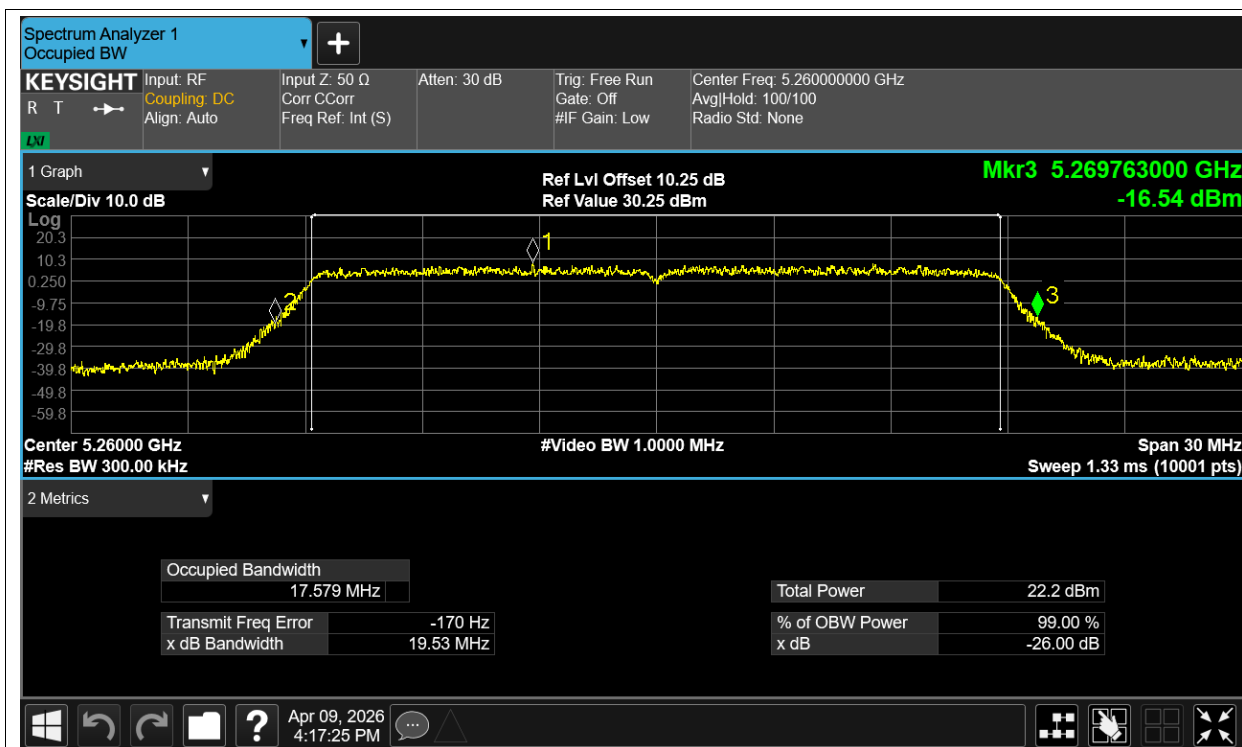
-26dB Bandwidth NVNT a 5280MHz Ant2



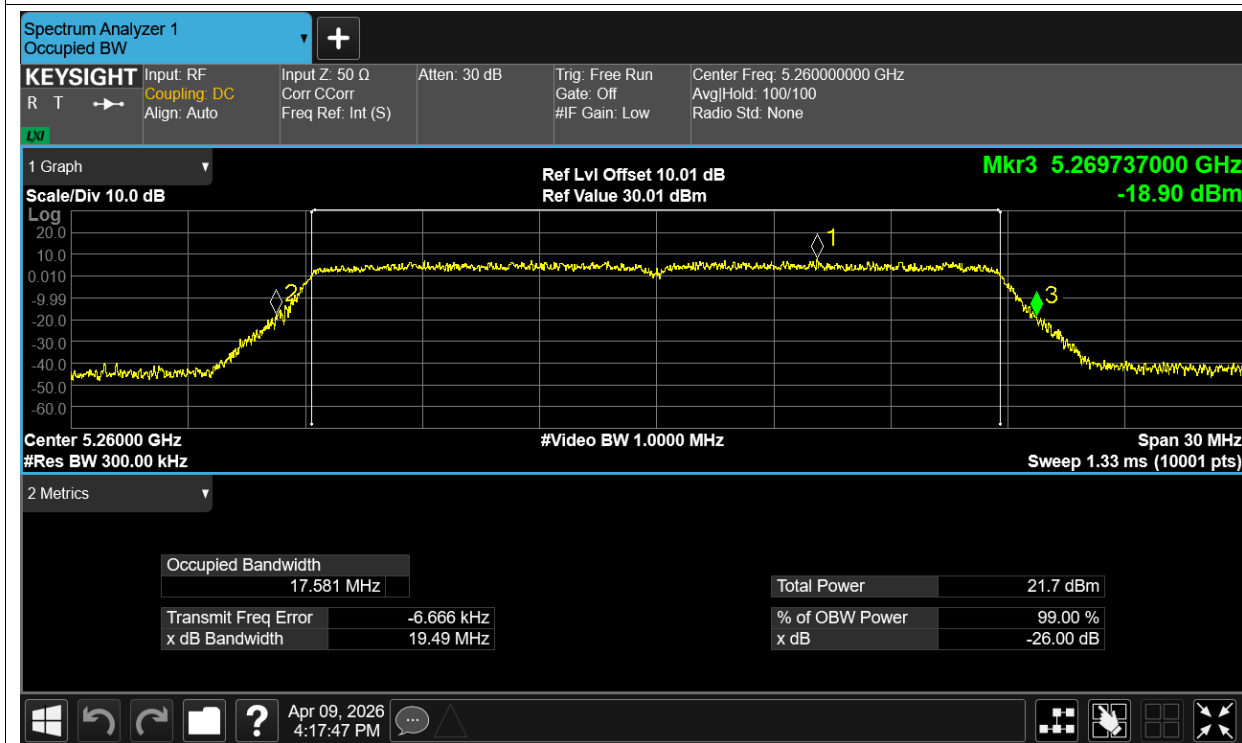
-26dB Bandwidth NVNT a 5320MHz Ant2



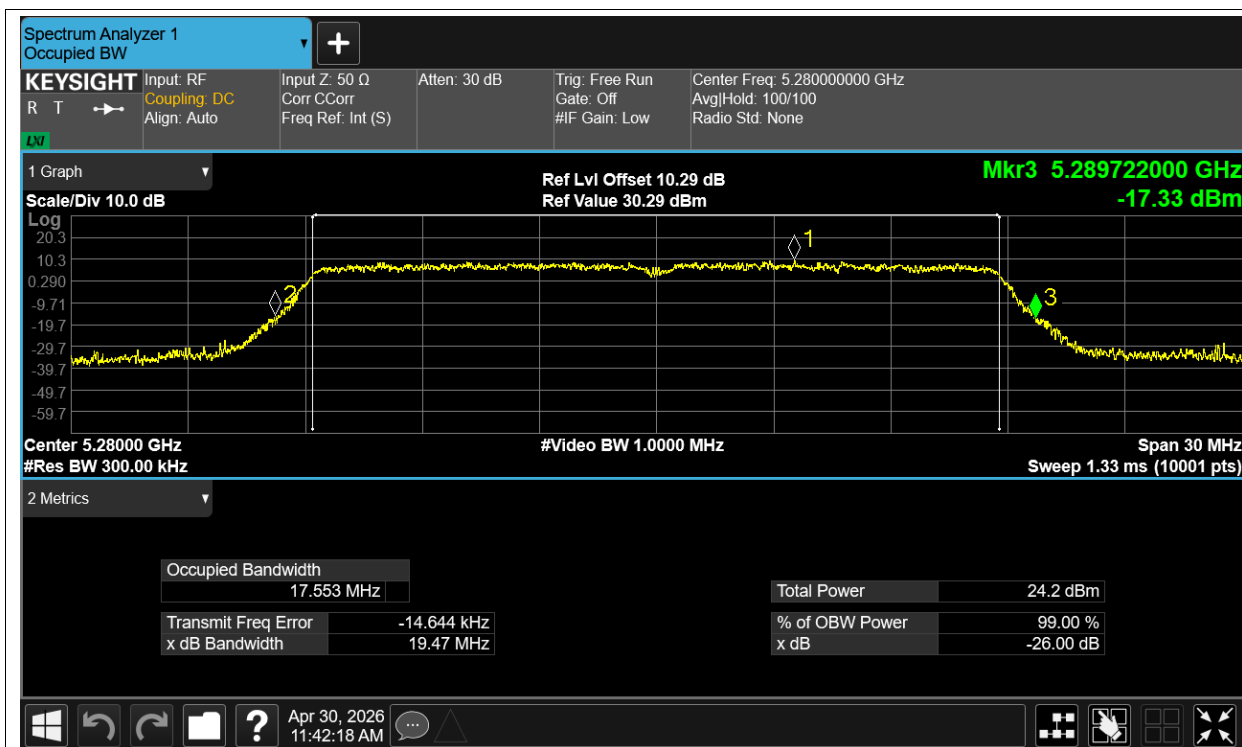
-26dB Bandwidth NVNT ac20 5260MHz Ant1



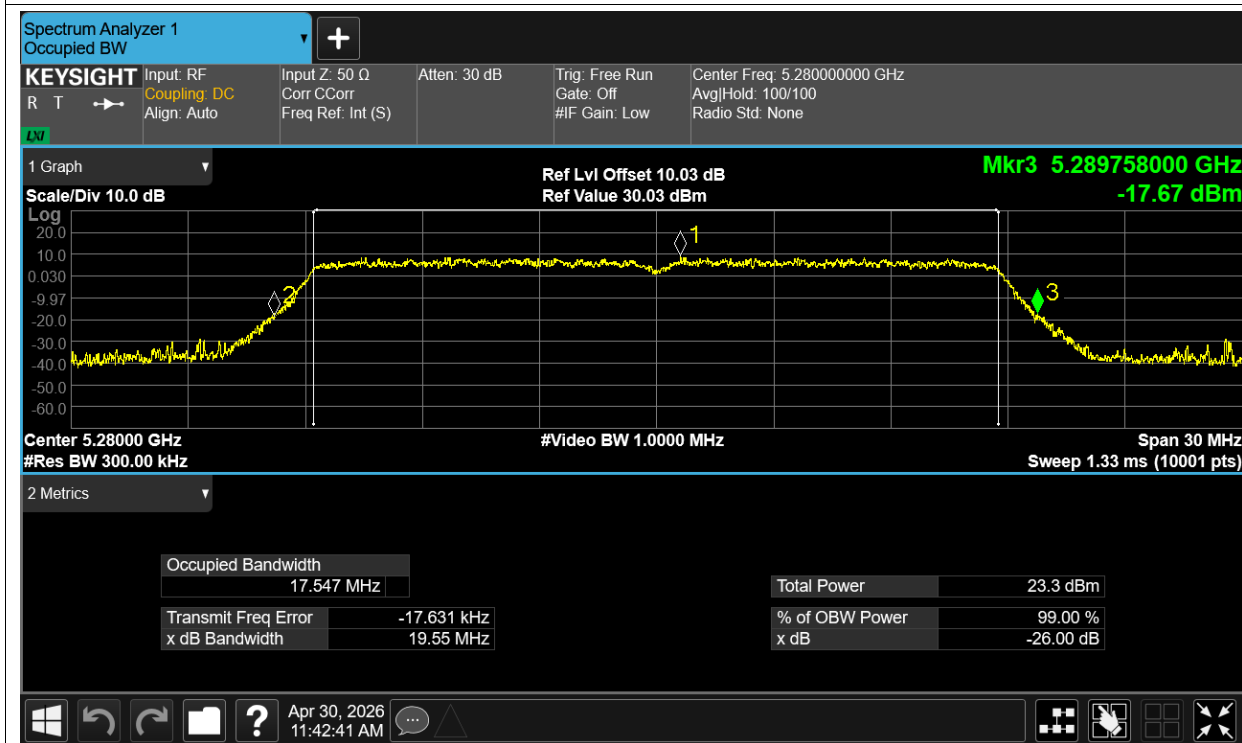
-26dB Bandwidth NVNT ac20 5260MHz Ant2



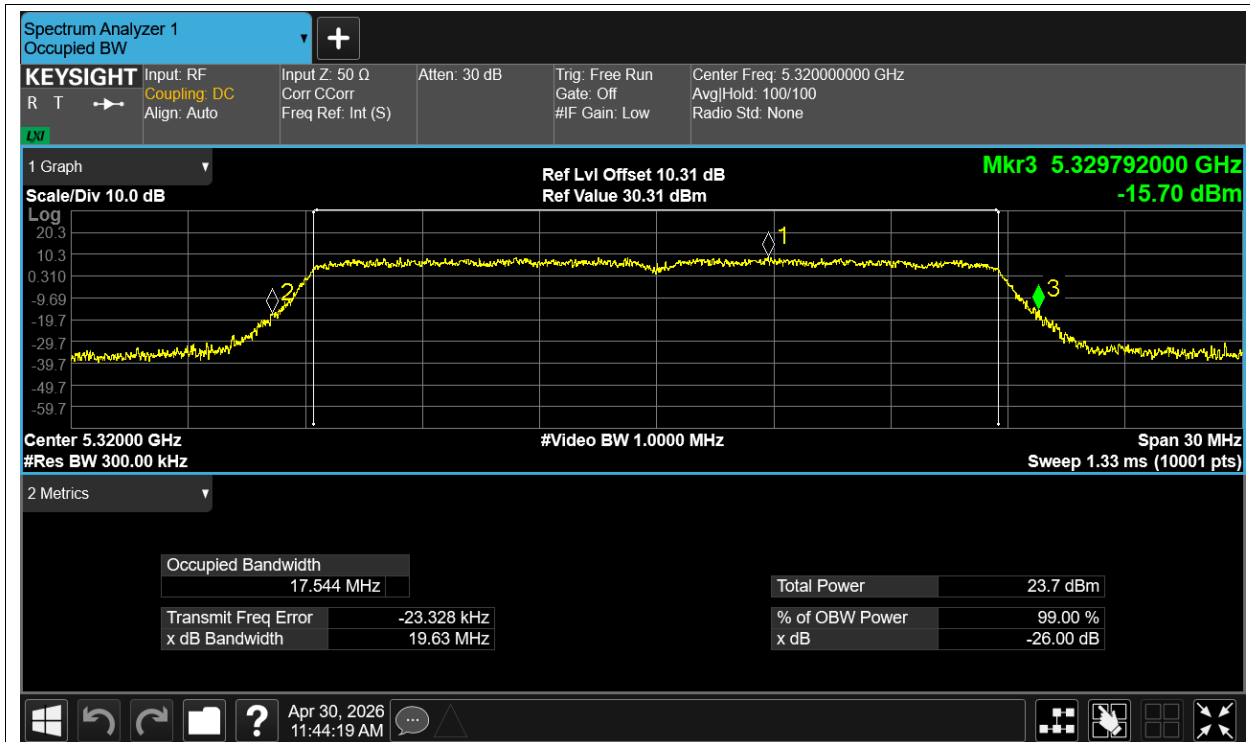
-26dB Bandwidth NVNT ac20 5280MHz Ant1



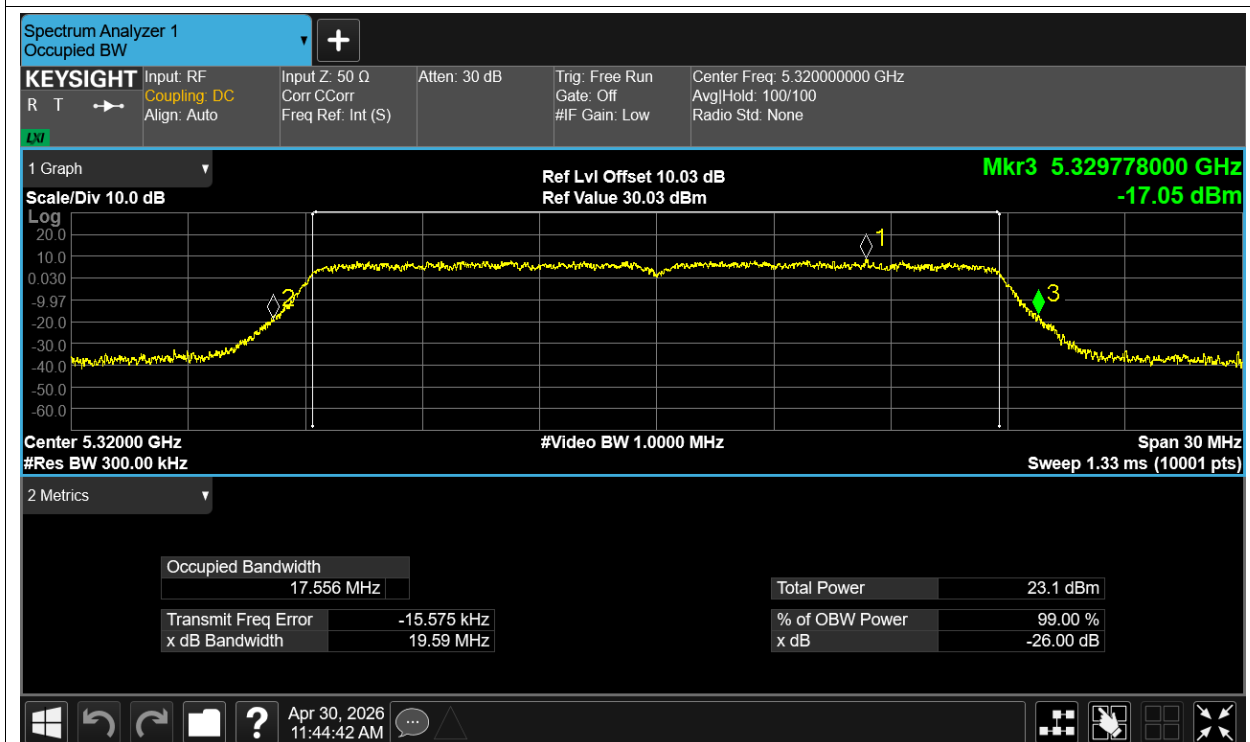
-26dB Bandwidth NVNT ac20 5280MHz Ant2



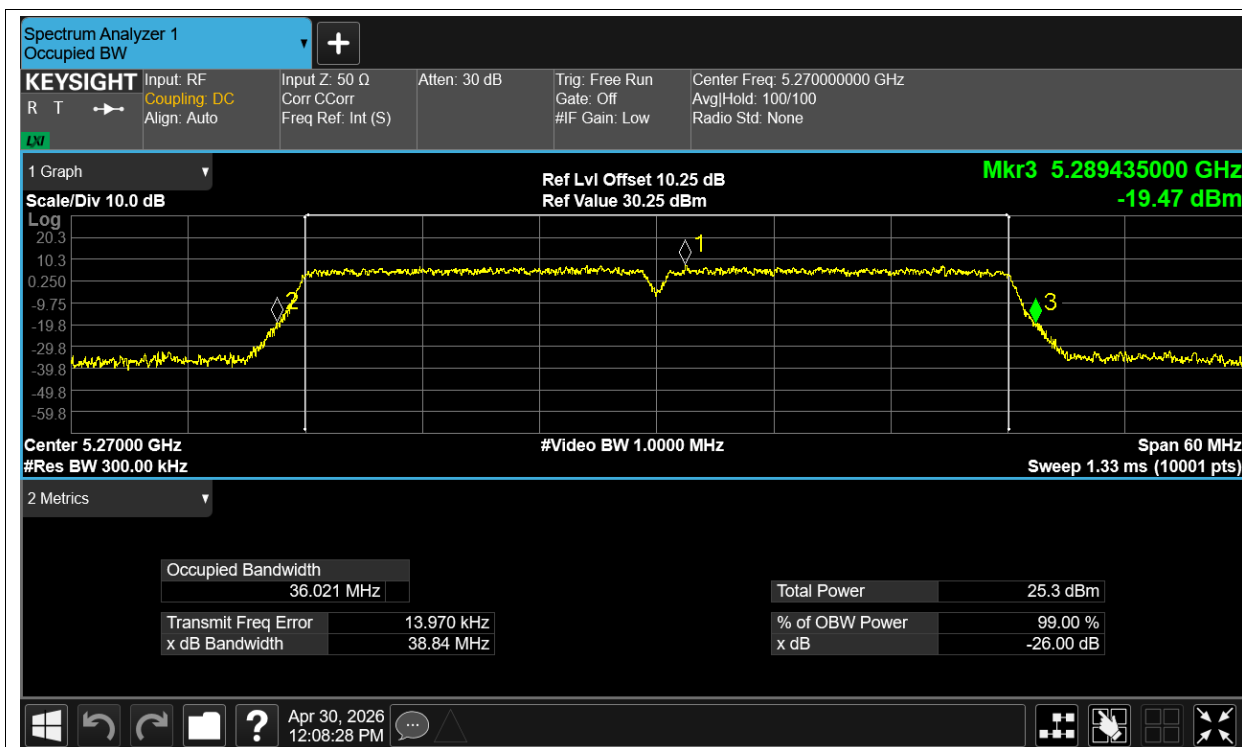
-26dB Bandwidth NVNT ac20 5320MHz Ant1



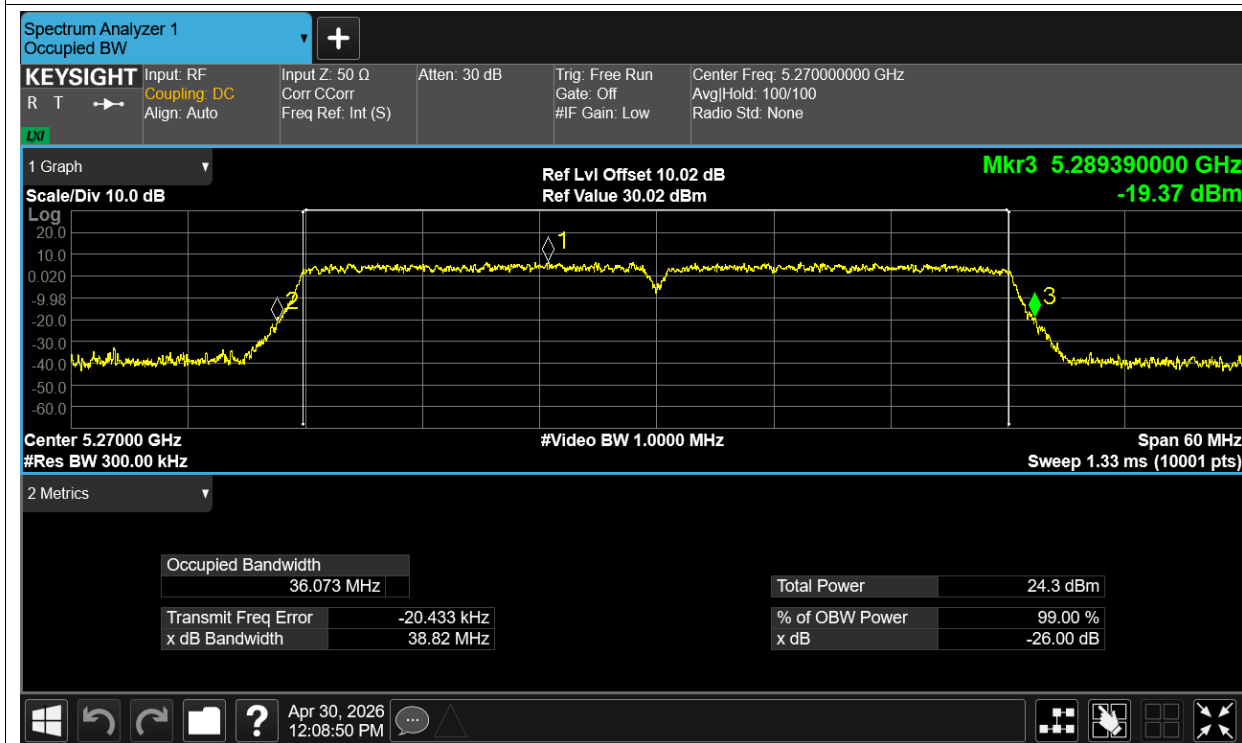
-26dB Bandwidth NVNT ac20 5320MHz Ant2



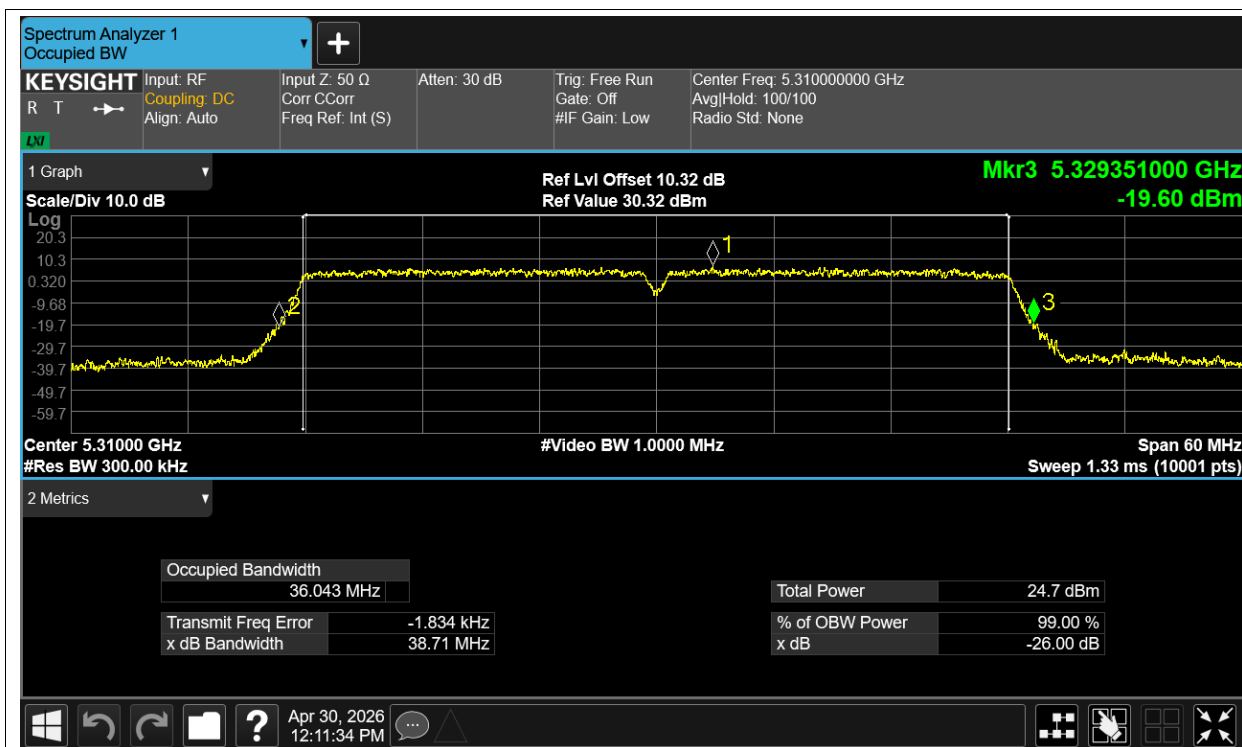
-26dB Bandwidth NVNT ac40 5270MHz Ant1



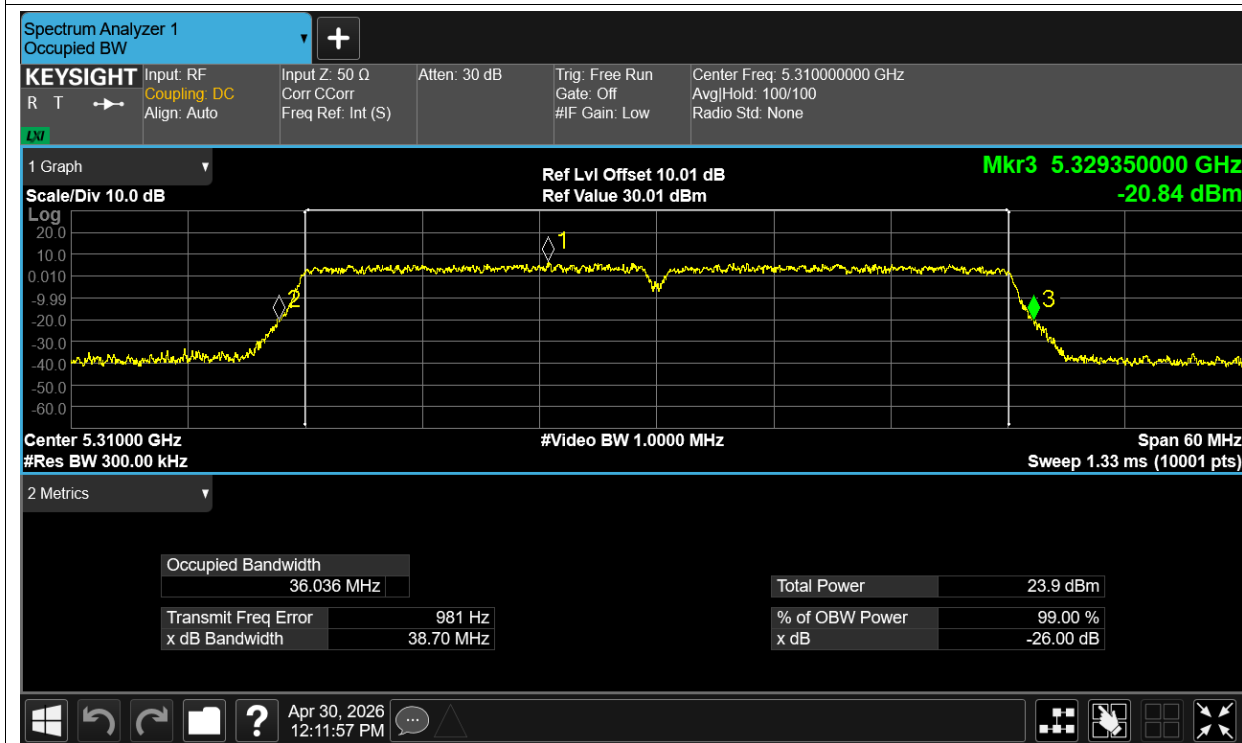
-26dB Bandwidth NVNT ac40 5270MHz Ant2



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant2



-26dB Bandwidth NVNT ac80 5290MHz Ant1