

Test Data

Frequency Stability

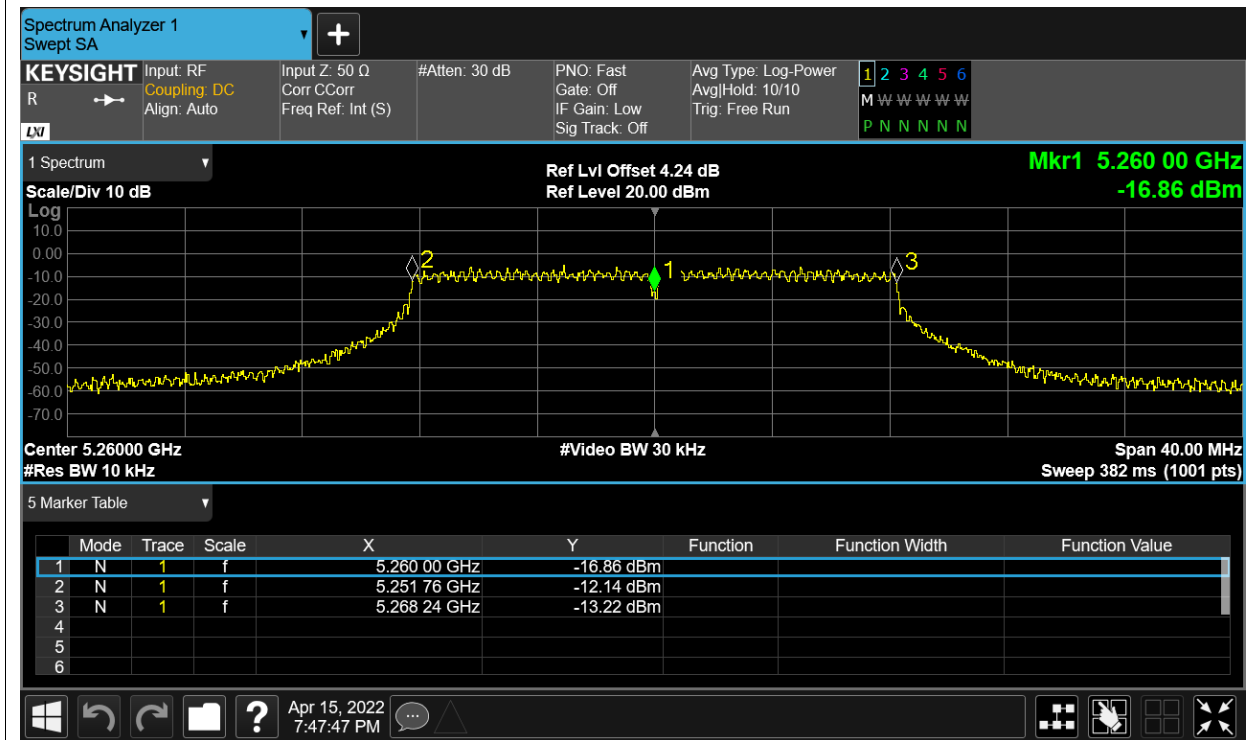
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5260	Ant1	5260	0	Within authorized band	Pass
HVNT	a	5260	Ant2	5260	0		Pass
LVNT	a	5260	Ant1	5260	0		Pass
LVNT	a	5260	Ant2	5259.98	-3.8		Pass
NVHT	a	5260	Ant1	5260	0		Pass
NVHT	a	5260	Ant2	5259.98	-3.8		Pass
NVLT	a	5260	Ant1	5260	0		Pass
NVLT	a	5260	Ant2	5259.98	-3.8		Pass
NVNT	a	5260	Ant1	5259.98	-3.8		Pass
NVNT	a	5260	Ant2	5260	0		Pass
HVNT	ac20	5260	Sum	5260	0		Pass
LVNT	ac20	5260	Sum	5260	0		Pass
NVHT	ac20	5260	Sum	5260	0		Pass
NVLT	ac20	5260	Sum	5259.98	-3.8		Pass
NVNT	ac20	5260	Sum	5260	0		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	5290	0		Pass
HVNT	ax20	5260	Sum	5260	0		Pass
LVNT	ax20	5260	Sum	5260	0		Pass
NVHT	ax20	5260	Sum	5260	0		Pass
NVLT	ax20	5260	Sum	5260	0		Pass
NVNT	ax20	5260	Sum	5260	0		Pass
HVNT	ax40	5270	Sum	5270	0		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	5290	0		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	5259.98	-3.8		Pass
NVNT	n20	5260	Sum	5260	0		Pass
HVNT	n40	5270	Sum	5270	0		Pass
LVNT	n40	5270	Sum	5269.96	-7.59		Pass
NVHT	n40	5270	Sum	5270	0		Pass
NVLT	n40	5270	Sum	5270	0		Pass
NVNT	n40	5270	Sum	5270	0		Pass
NVNT	n40	5270	Sum	5270	0		Pass

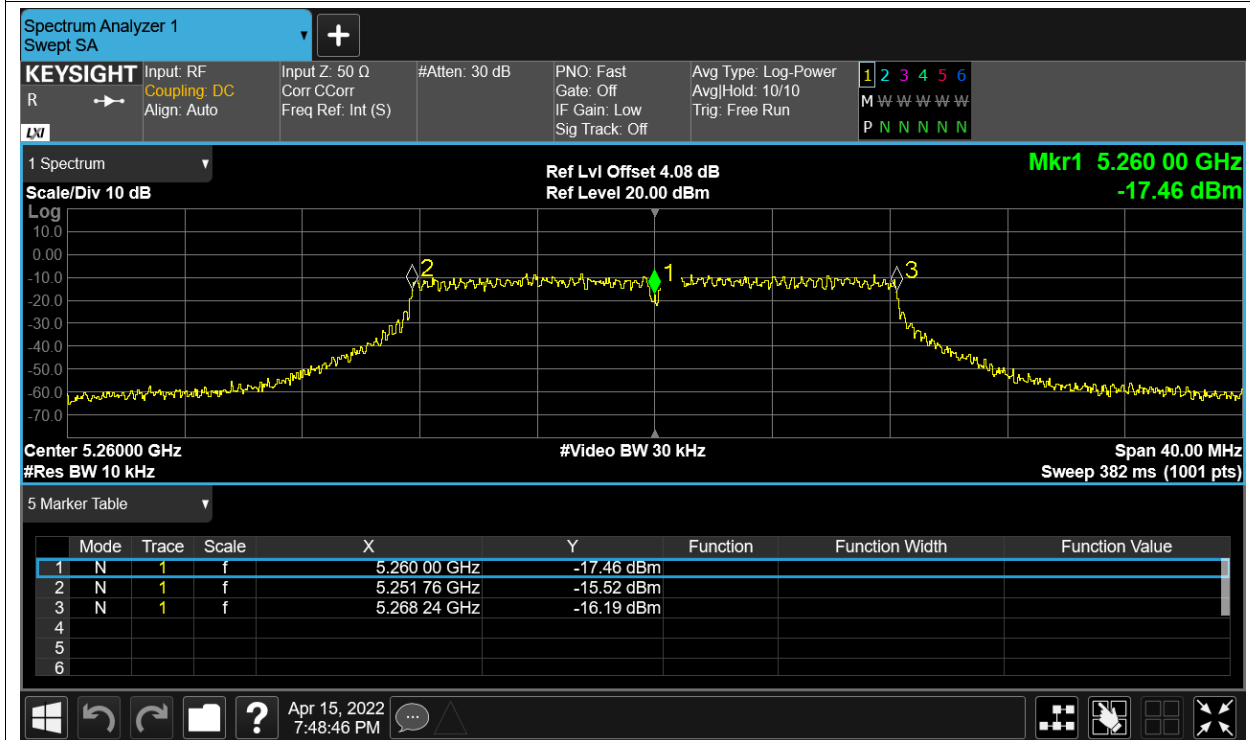
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

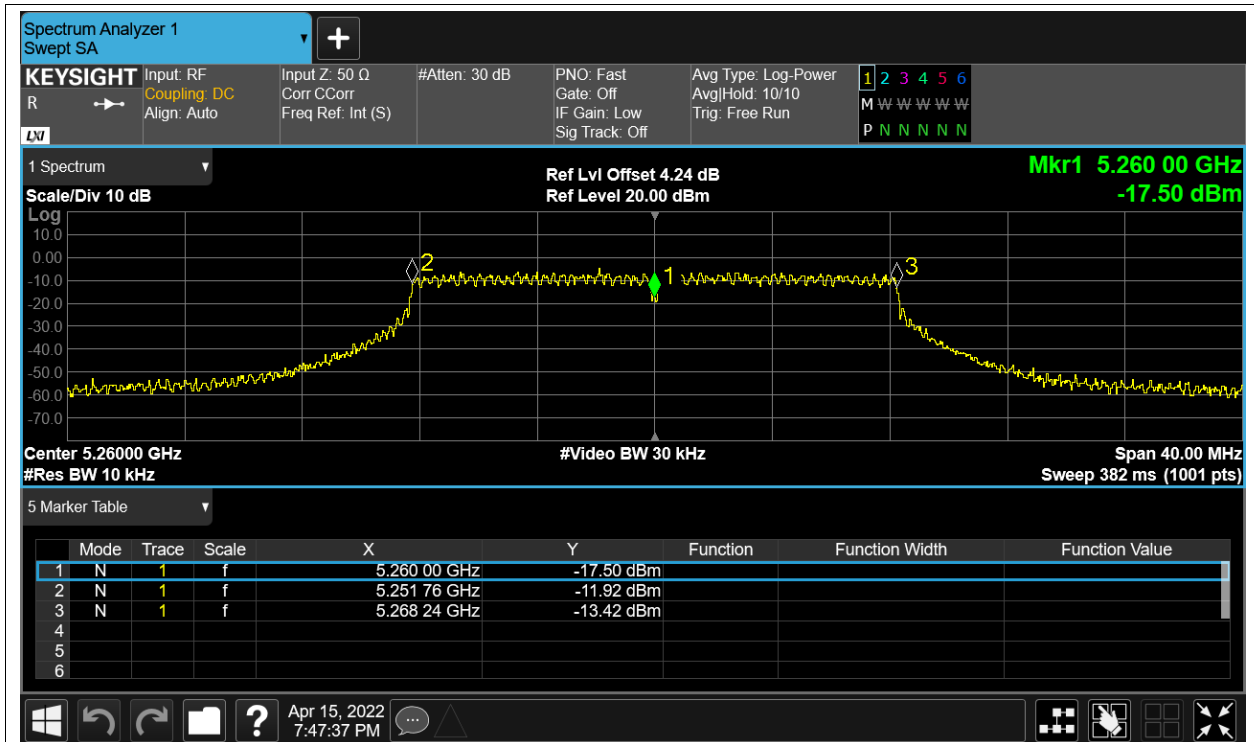
Freq. Stability HVNT a 5260MHz Ant1



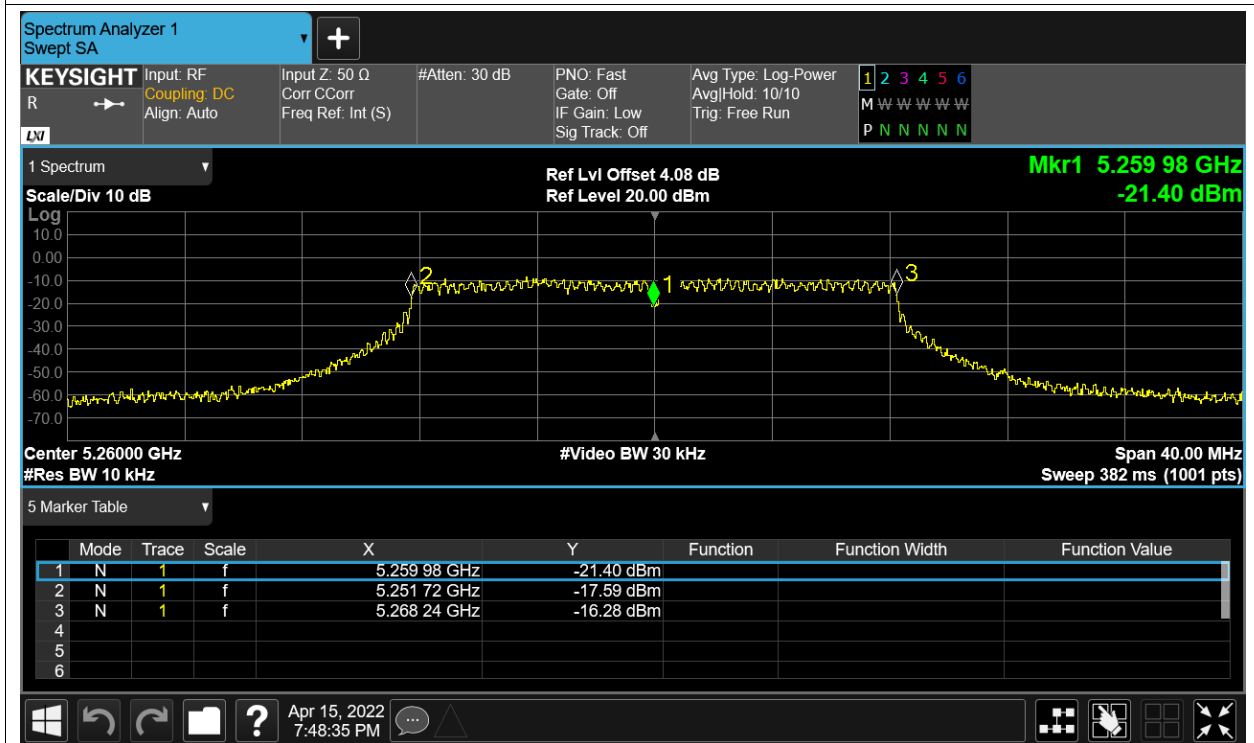
Freq. Stability HVNT a 5260MHz Ant2



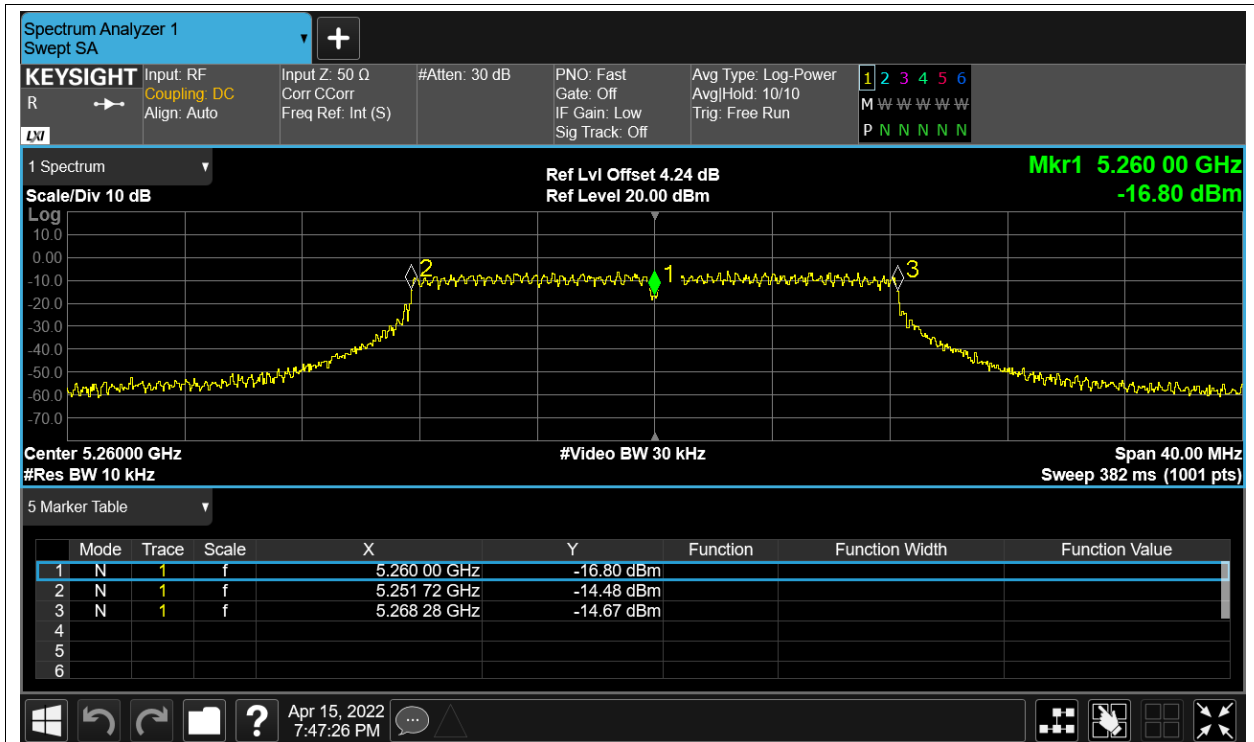
Freq. Stability LVNT a 5260MHz Ant1



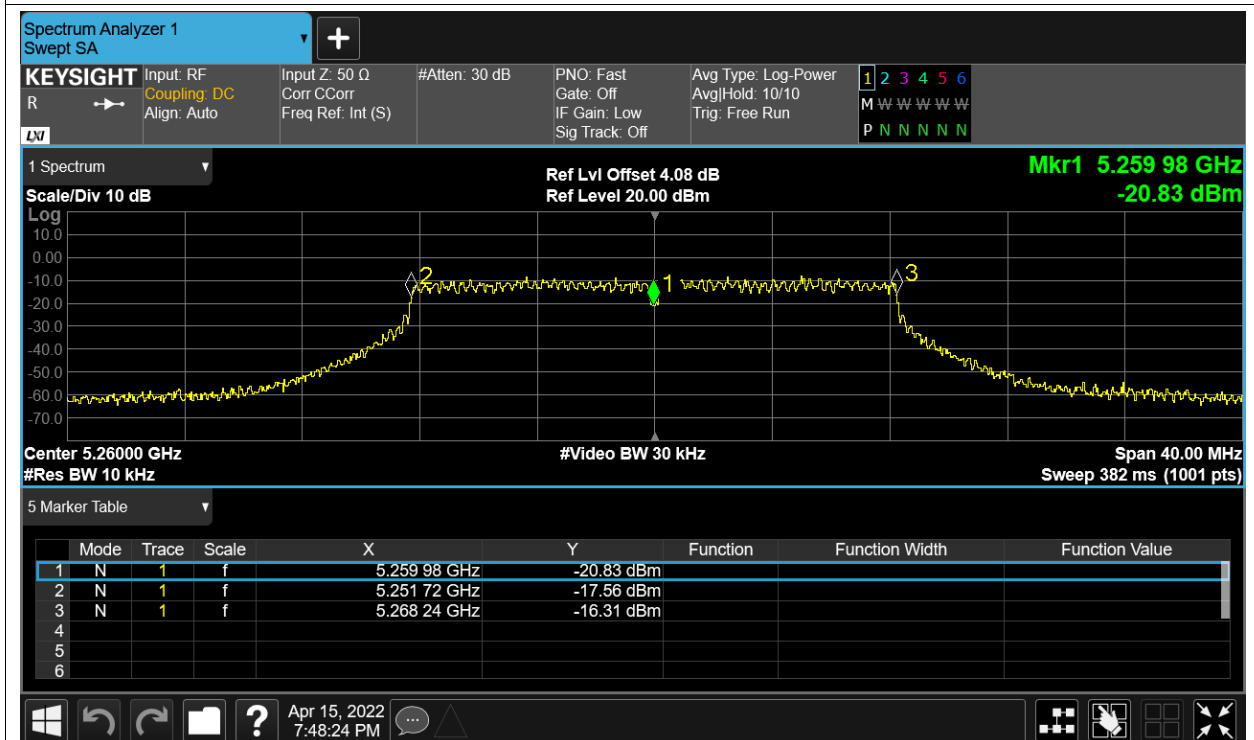
Freq. Stability LVNT a 5260MHz Ant2



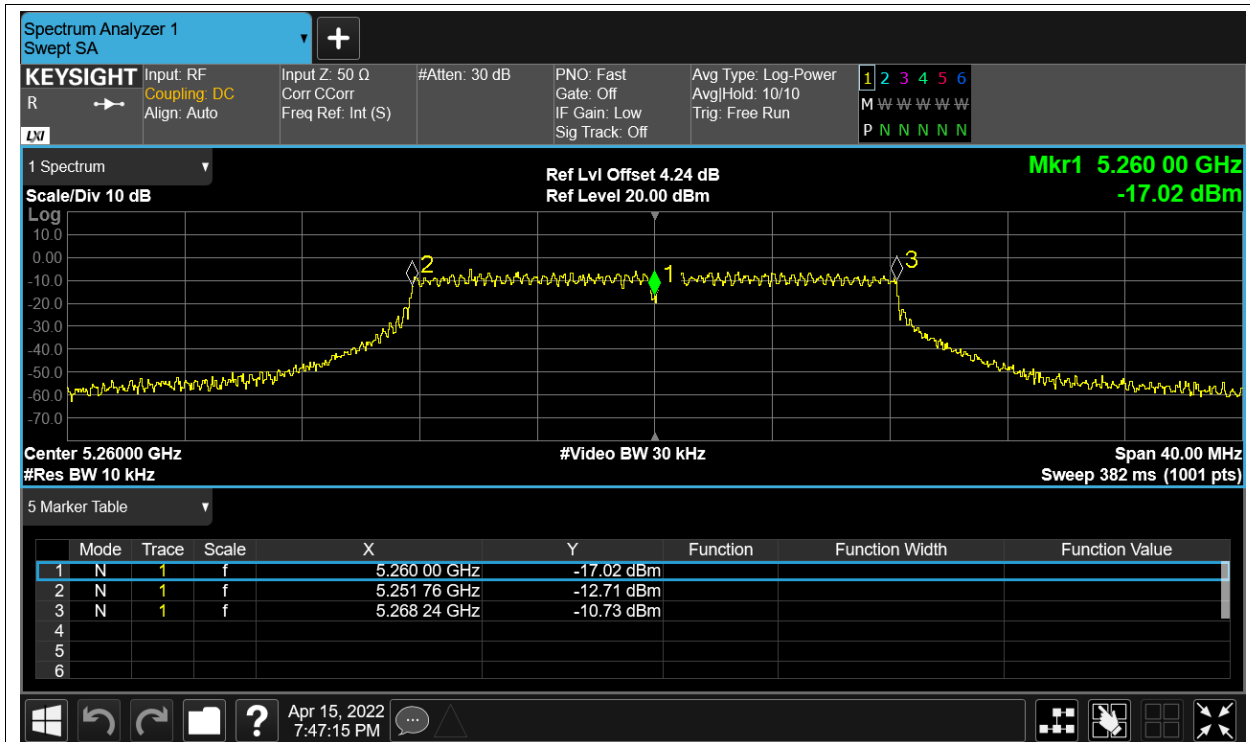
Freq. Stability NVHT a 5260MHz Ant1



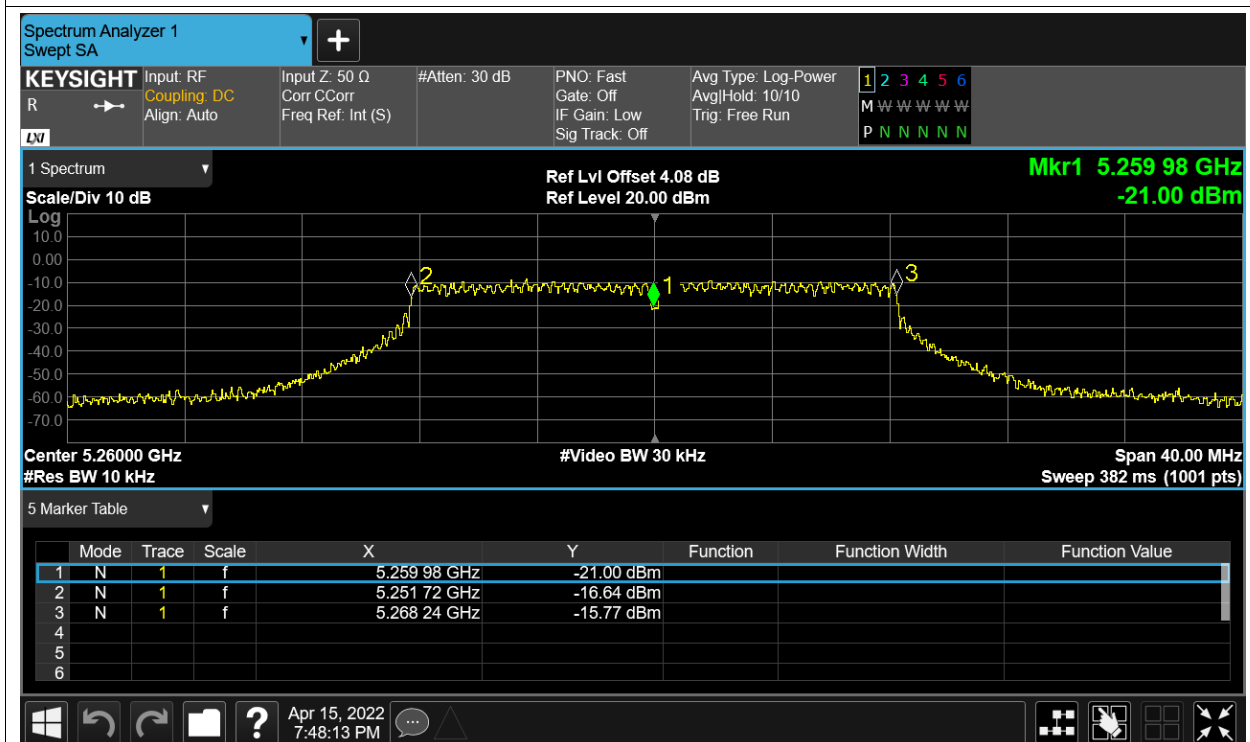
Freq. Stability NVHT a 5260MHz Ant2



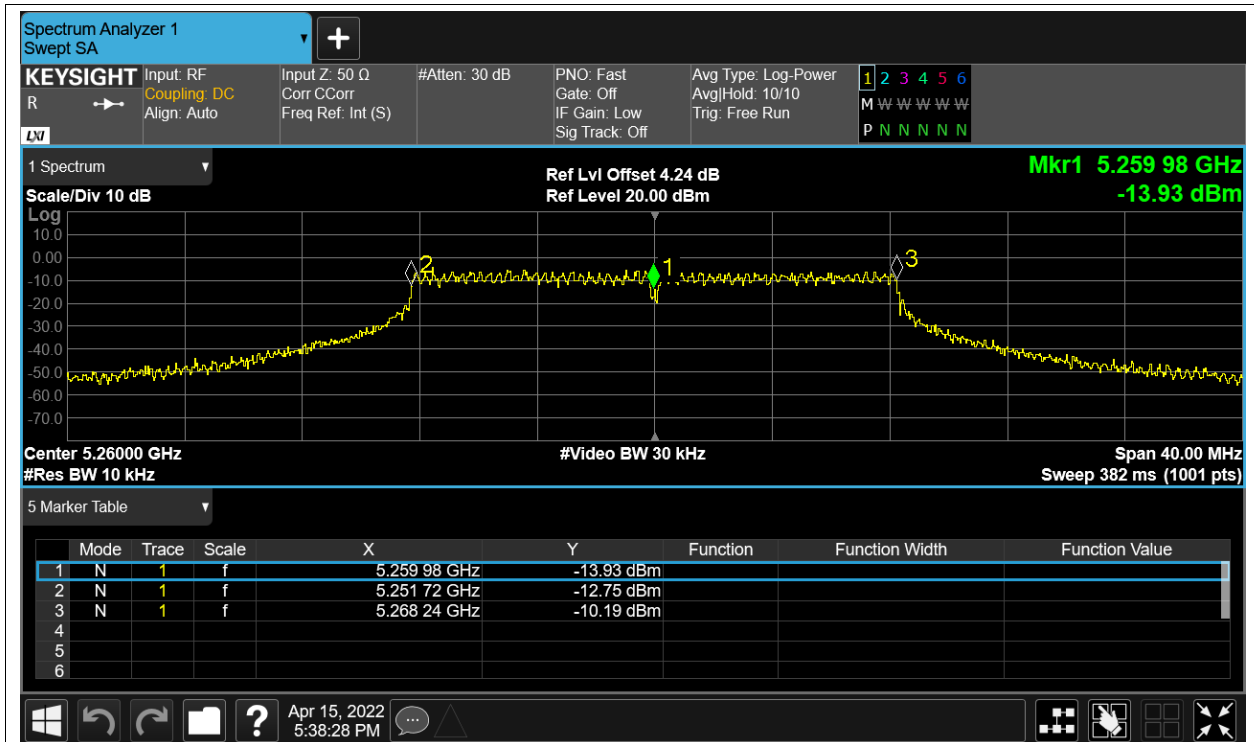
Freq. Stability NVLT a 5260MHz Ant1



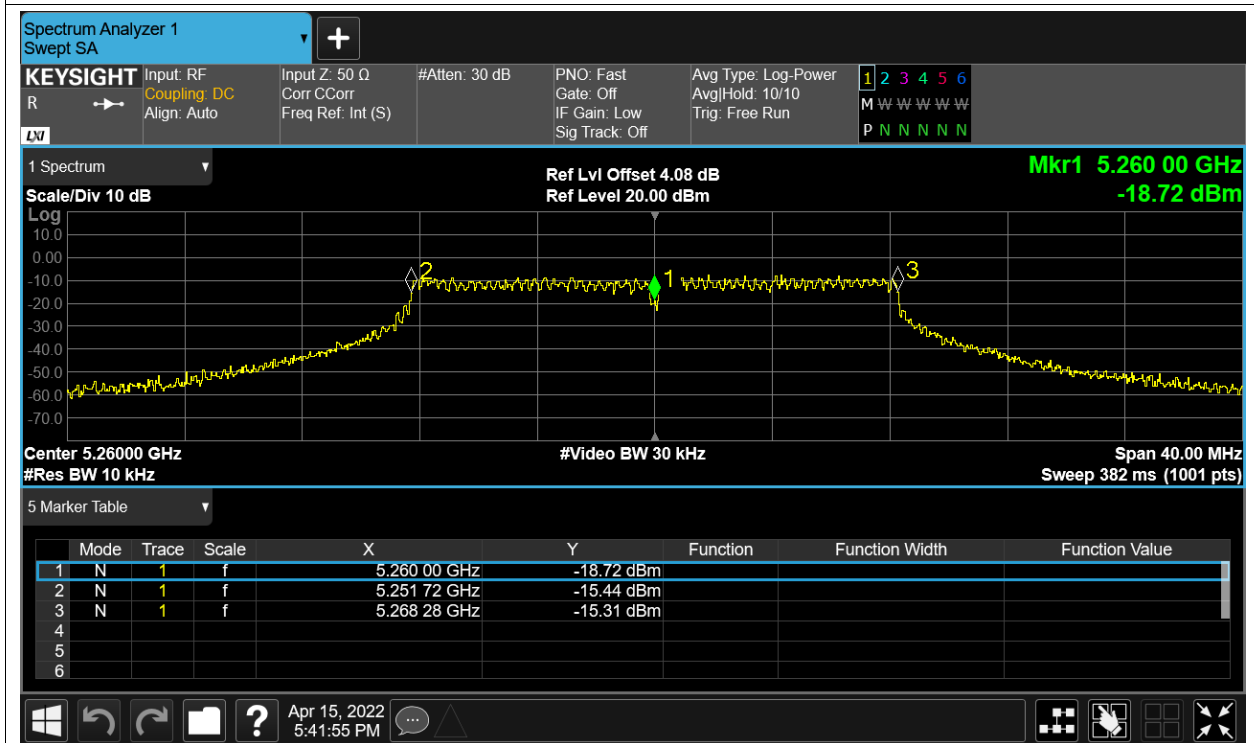
Freq. Stability NVLT a 5260MHz Ant2



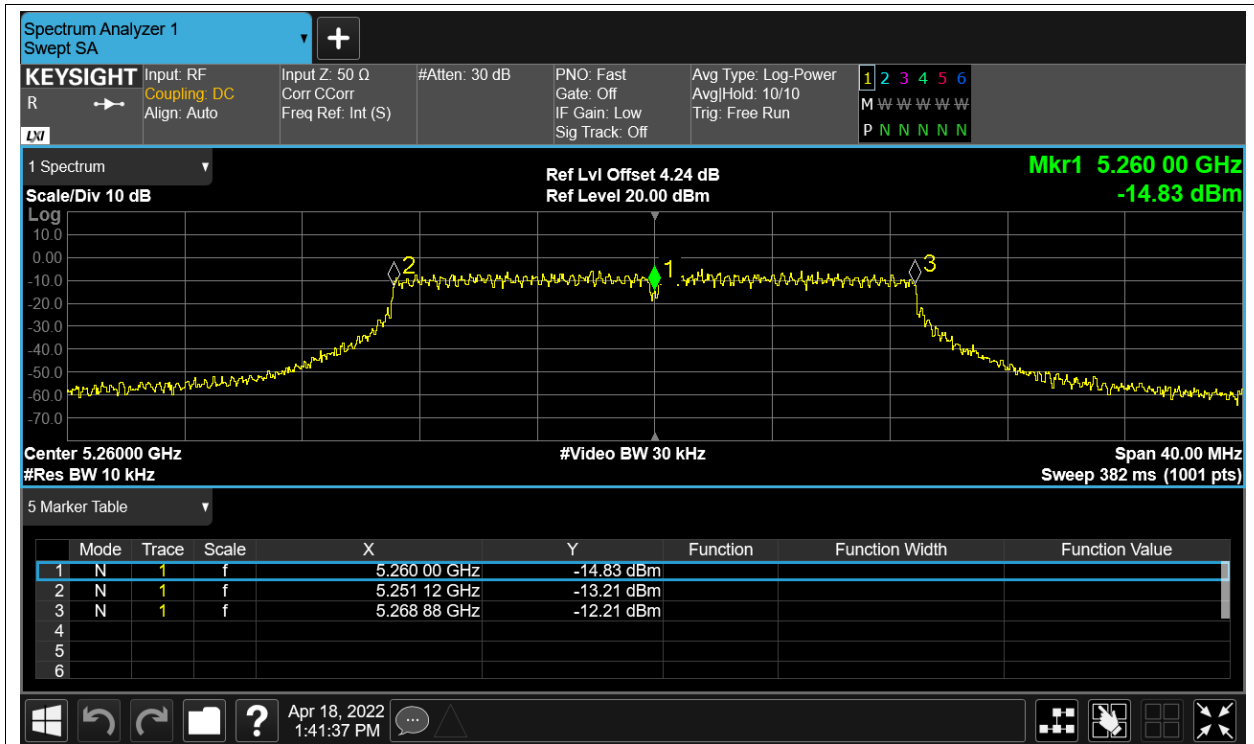
Freq. Stability NVNT a 5260MHz Ant1



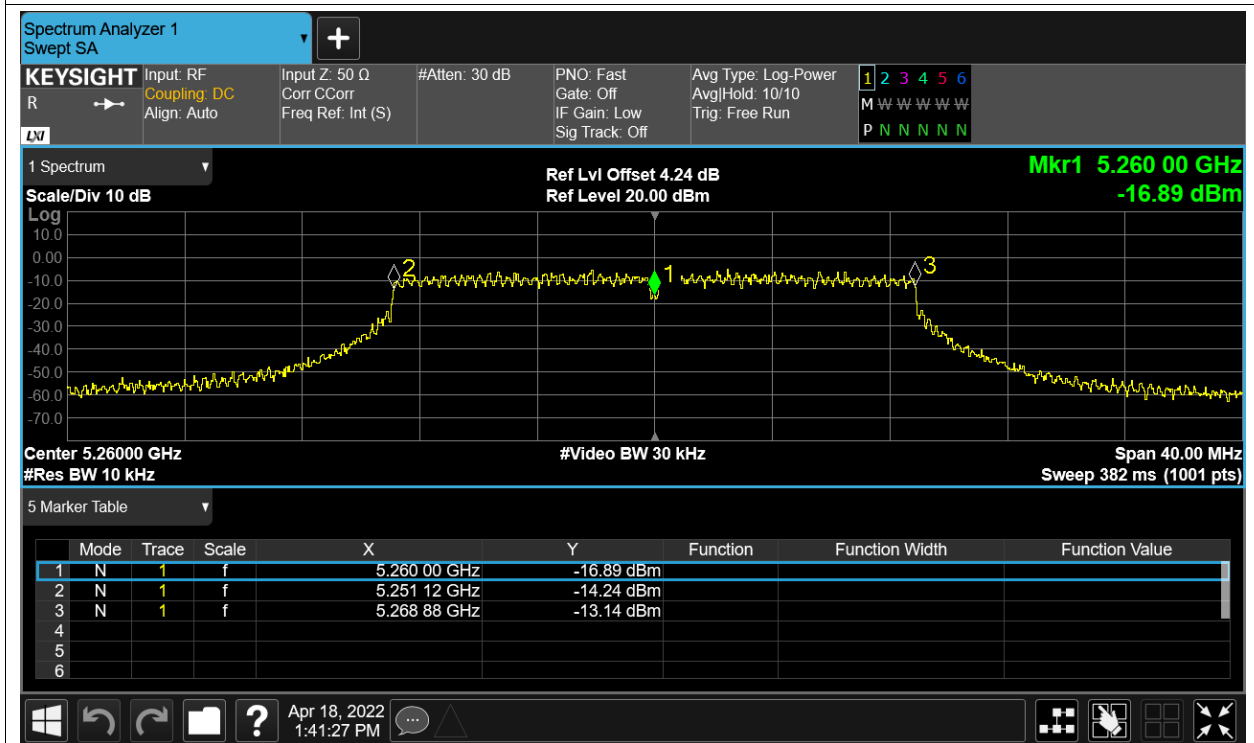
Freq. Stability NVNT a 5260MHz Ant2



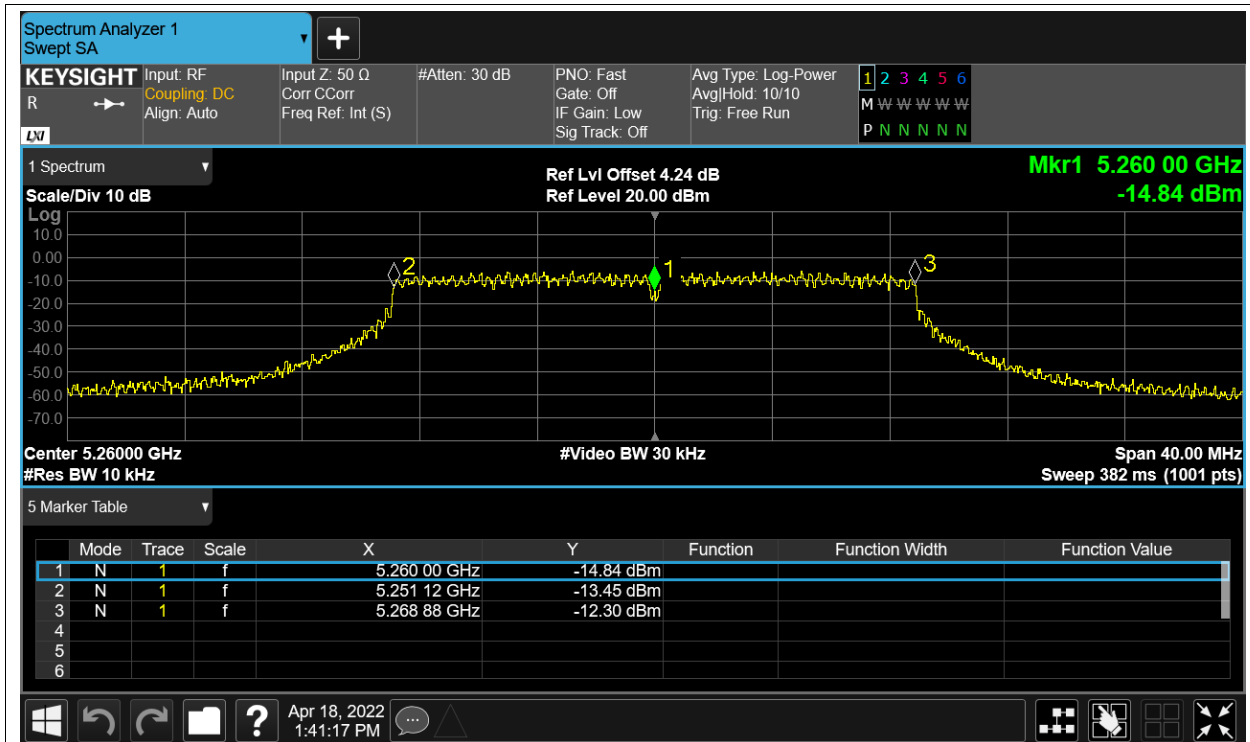
Freq. Stability HVNT ac20 5260MHz Sum



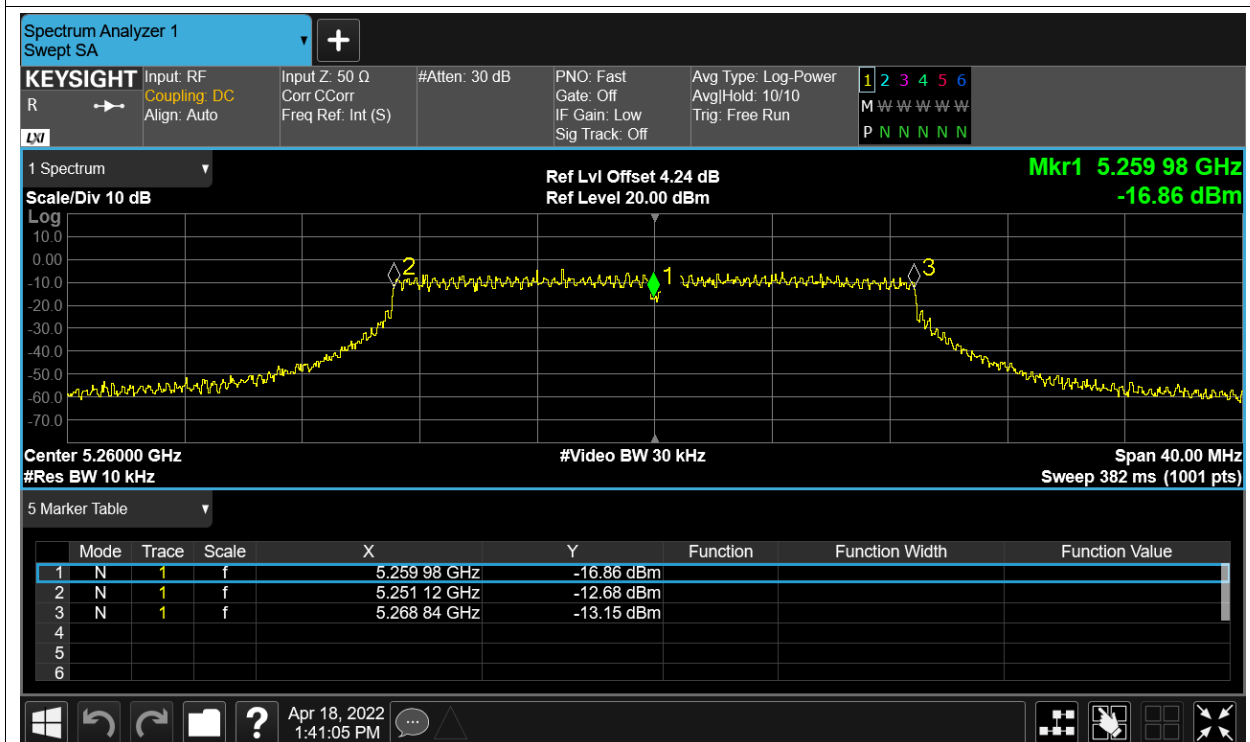
Freq. Stability LVNT ac20 5260MHz Sum



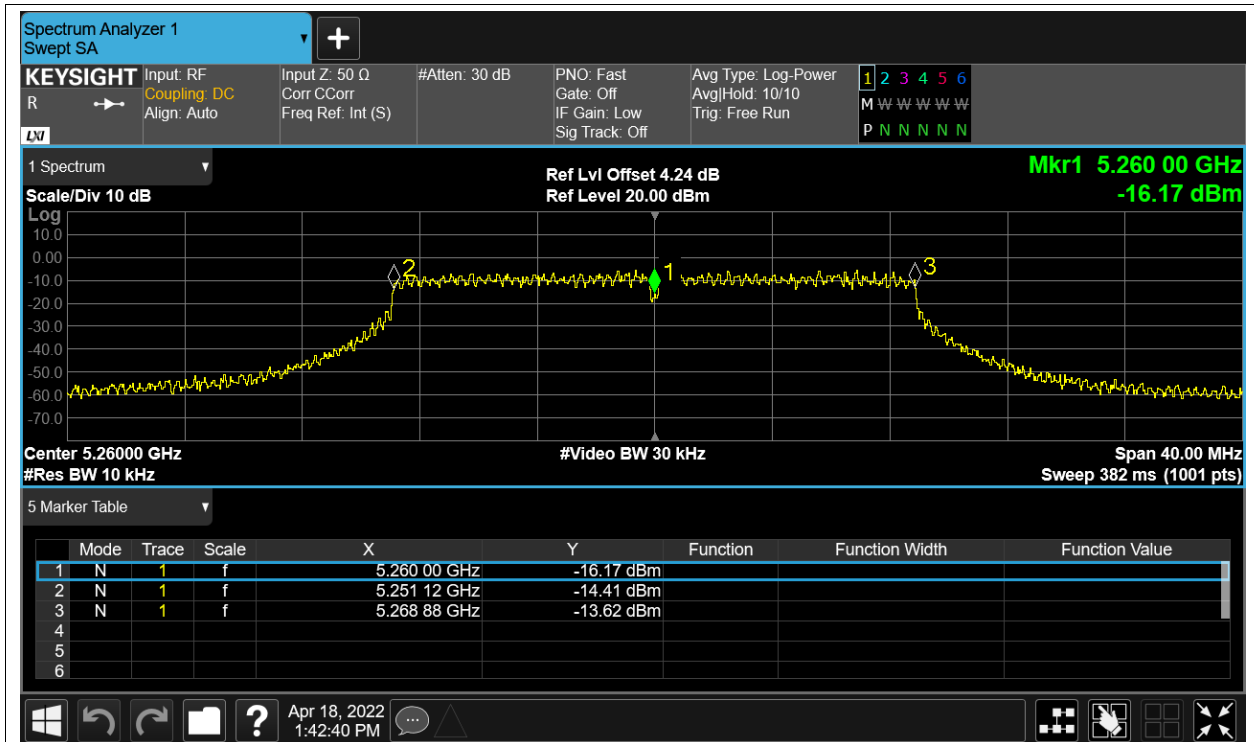
Freq. Stability NVHT ac20 5260MHz Sum



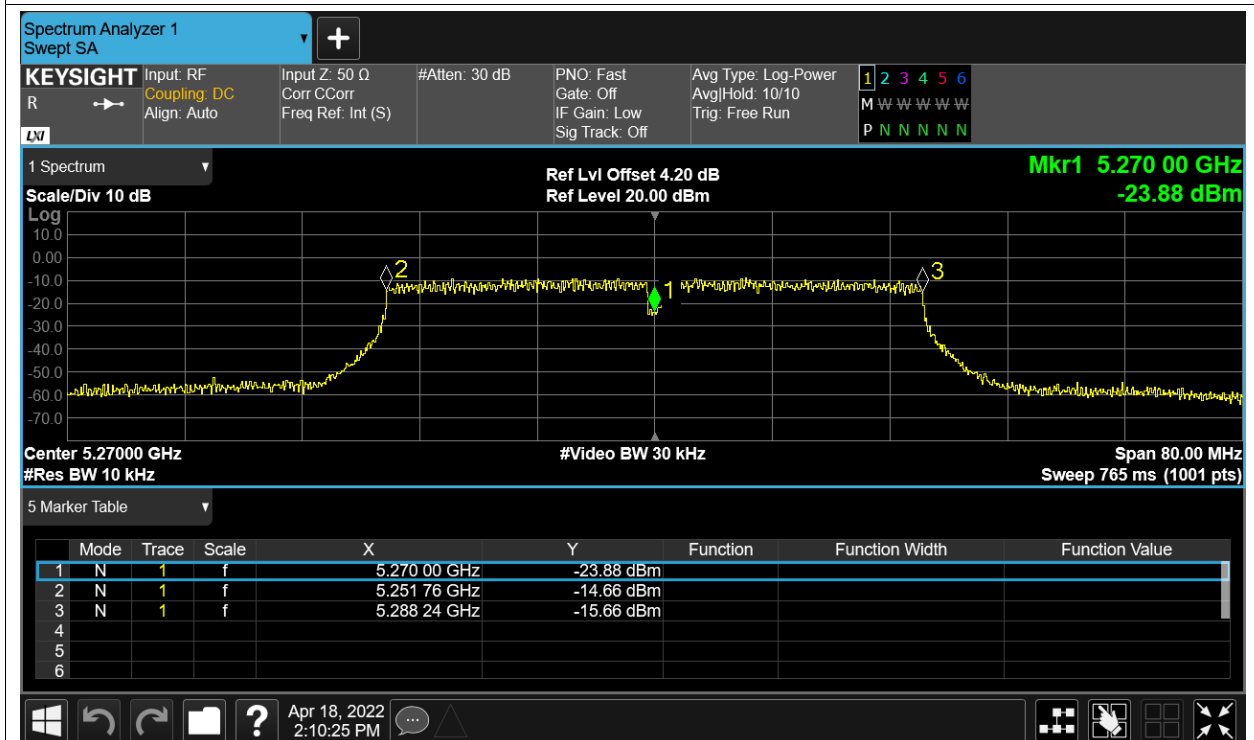
Freq. Stability NVLT ac20 5260MHz Sum



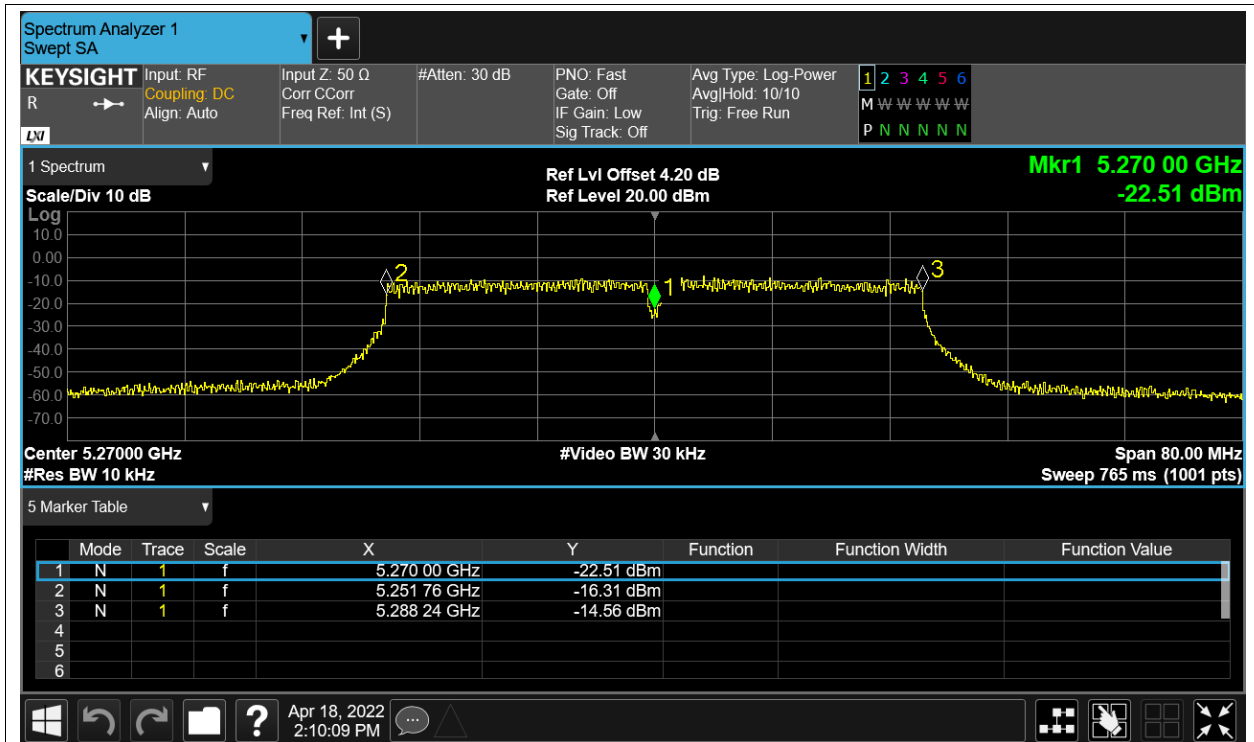
Freq. Stability NVNT ac20 5260MHz Sum



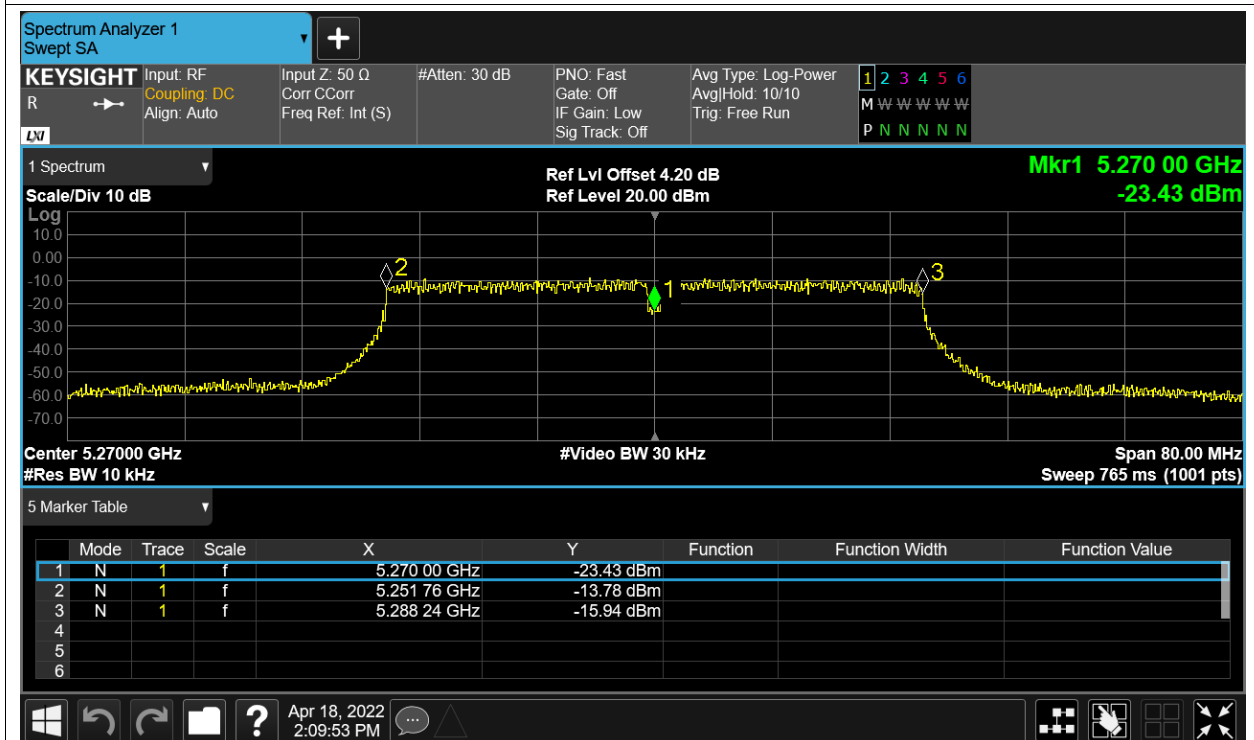
Freq. Stability HVNT ac40 5270MHz Sum



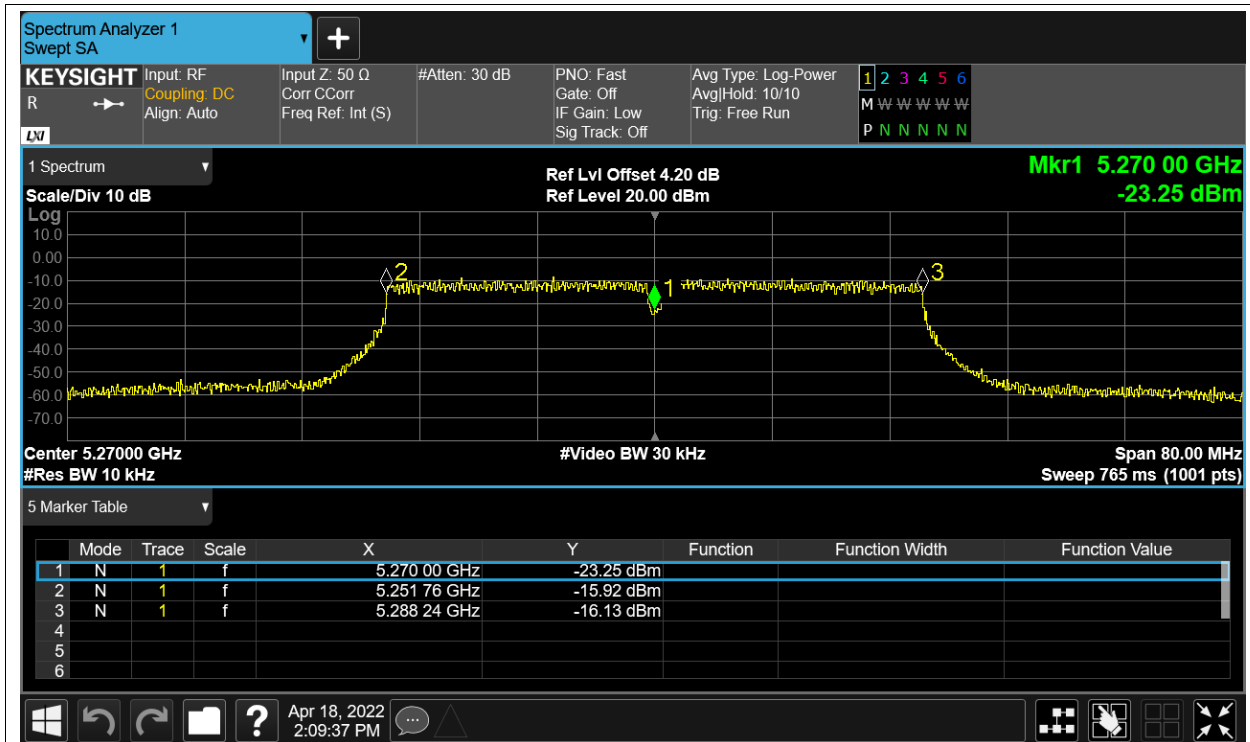
Freq. Stability LVNT ac40 5270MHz Sum



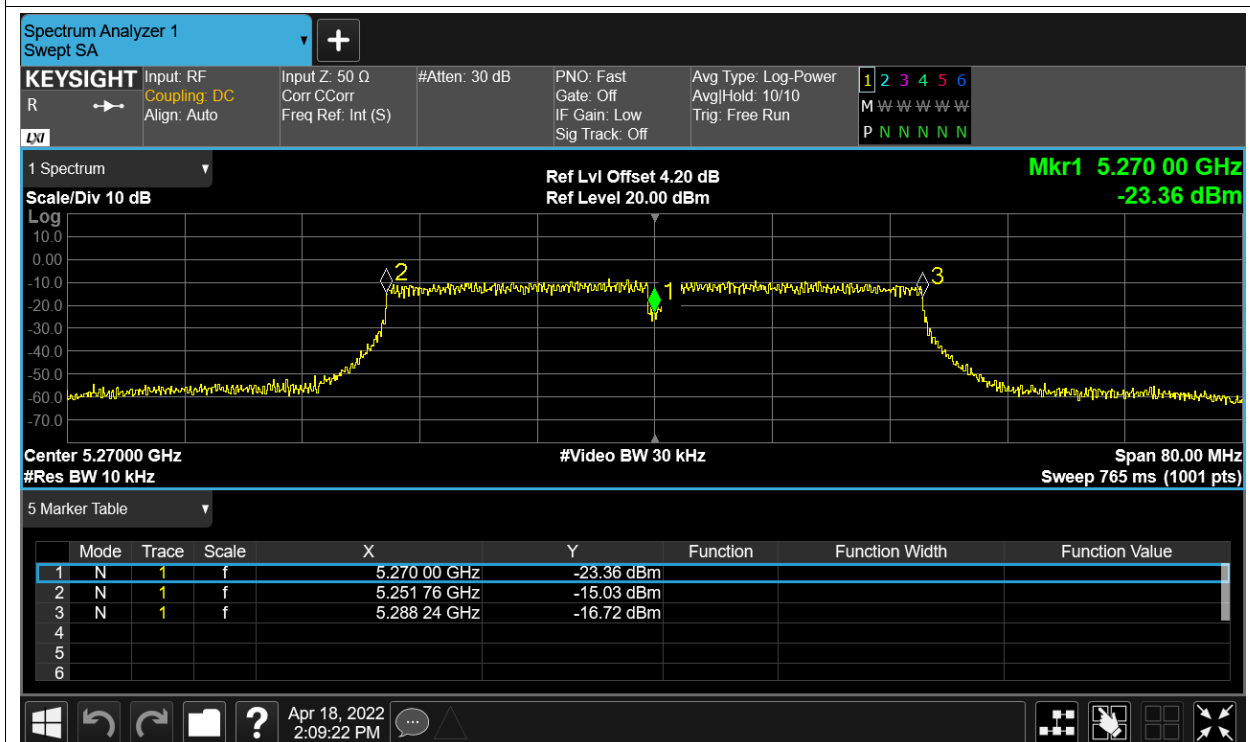
Freq. Stability NVHT ac40 5270MHz Sum



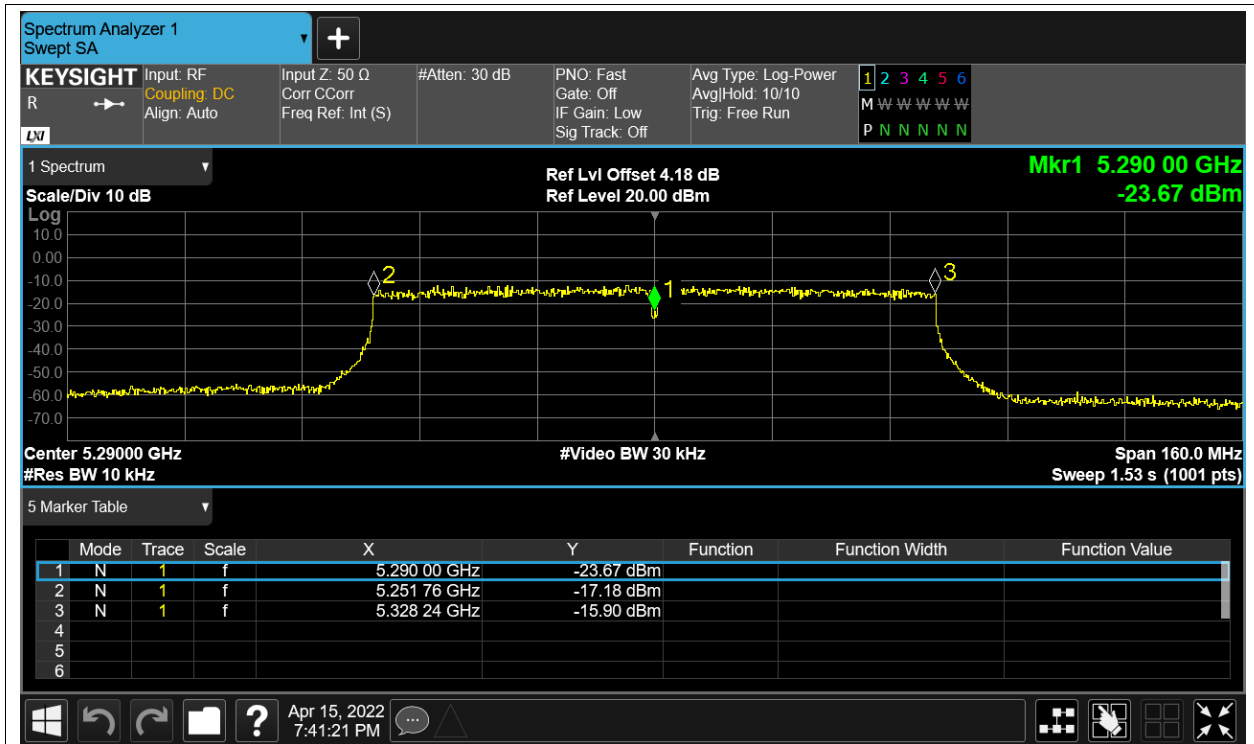
Freq. Stability NVLT ac40 5270MHz Sum



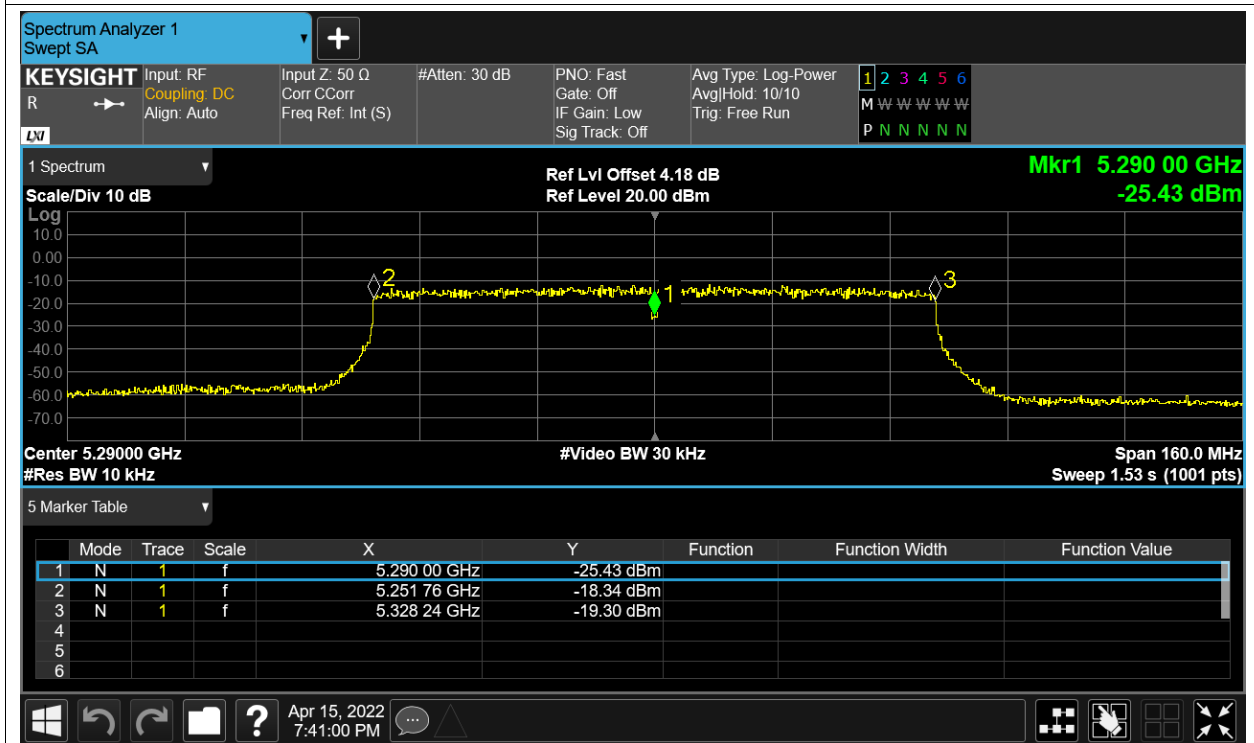
Freq. Stability NVNT ac40 5270MHz Sum



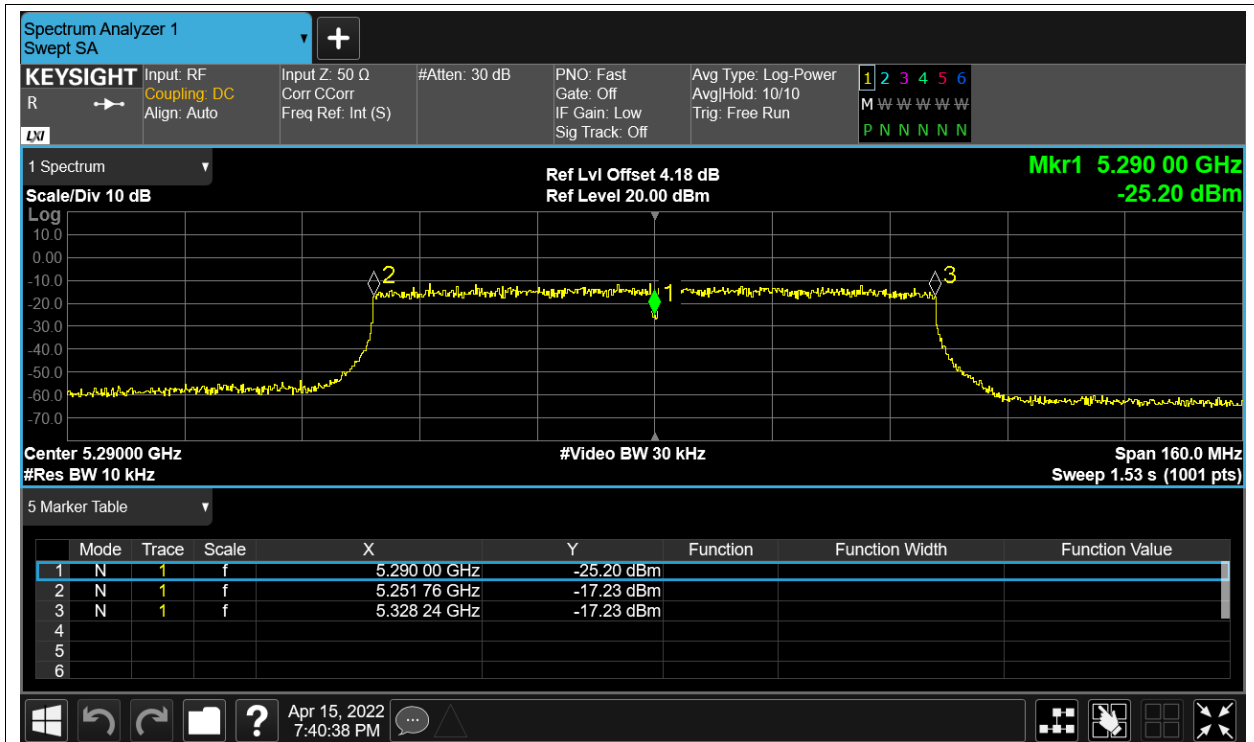
Freq. Stability HVNT ac80 5290MHz Sum



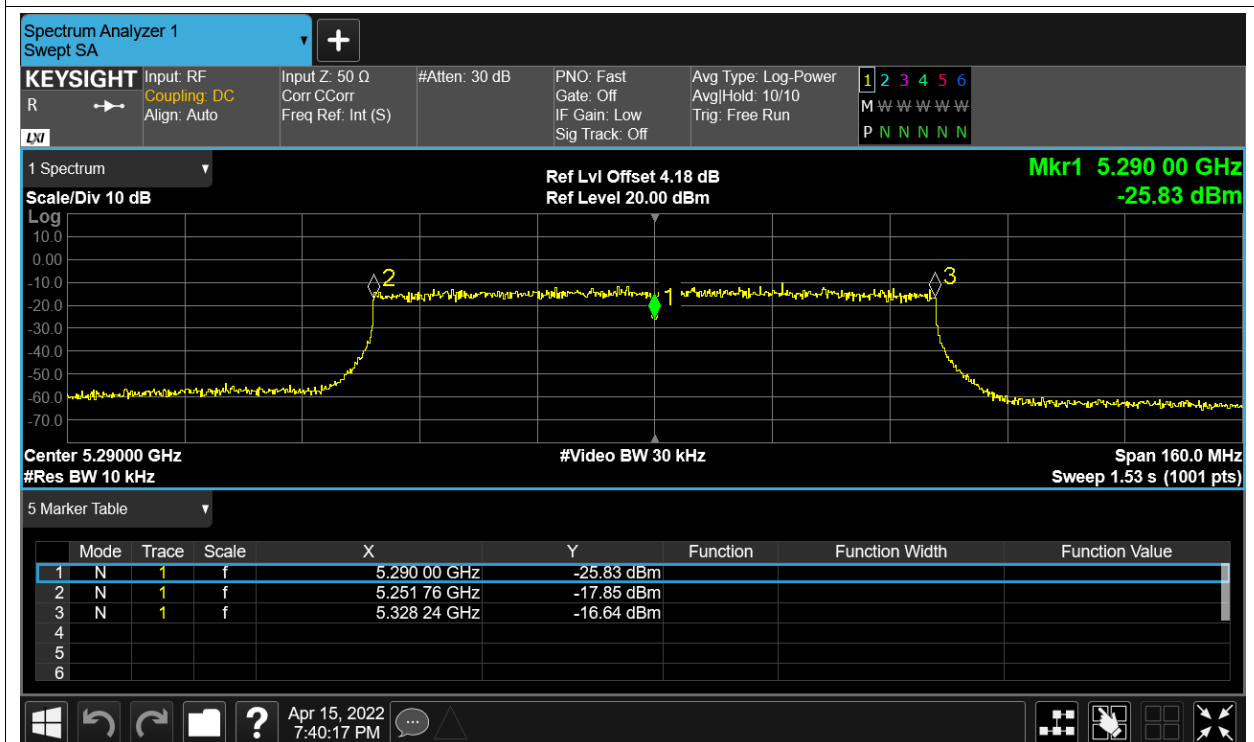
Freq. Stability LVNT ac80 5290MHz Sum



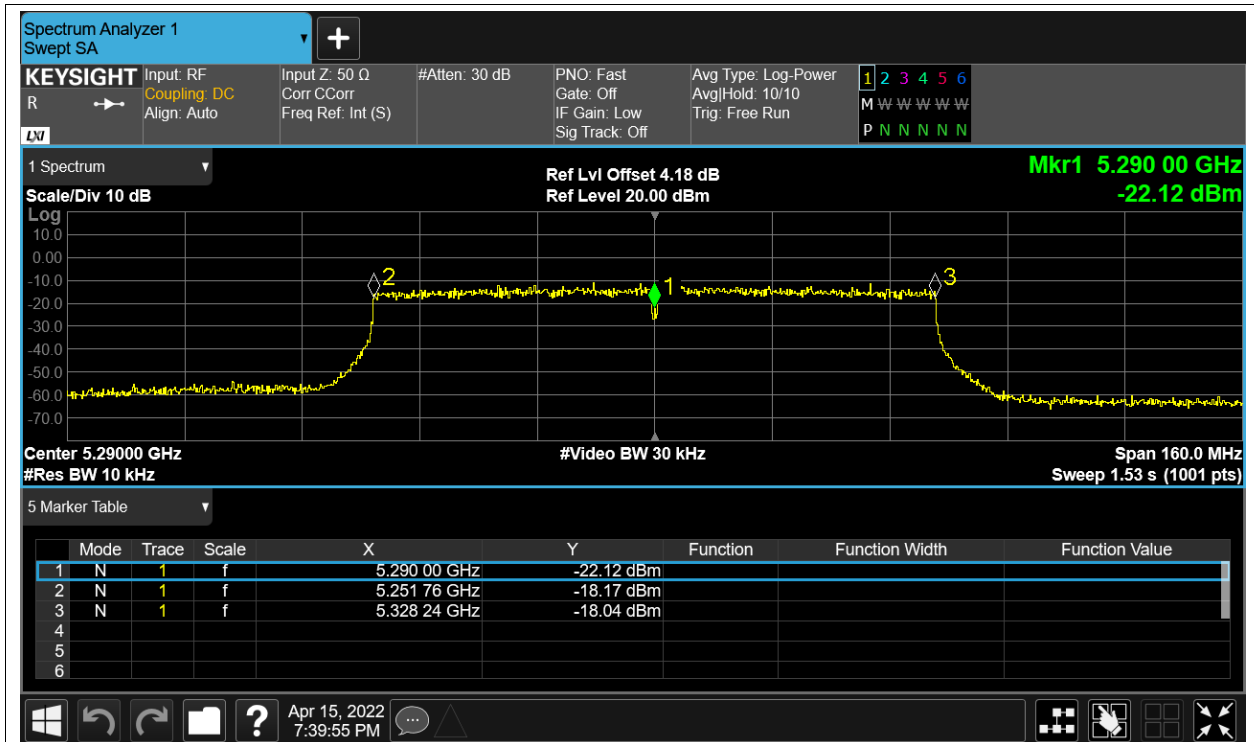
Freq. Stability NVHT ac80 5290MHz Sum



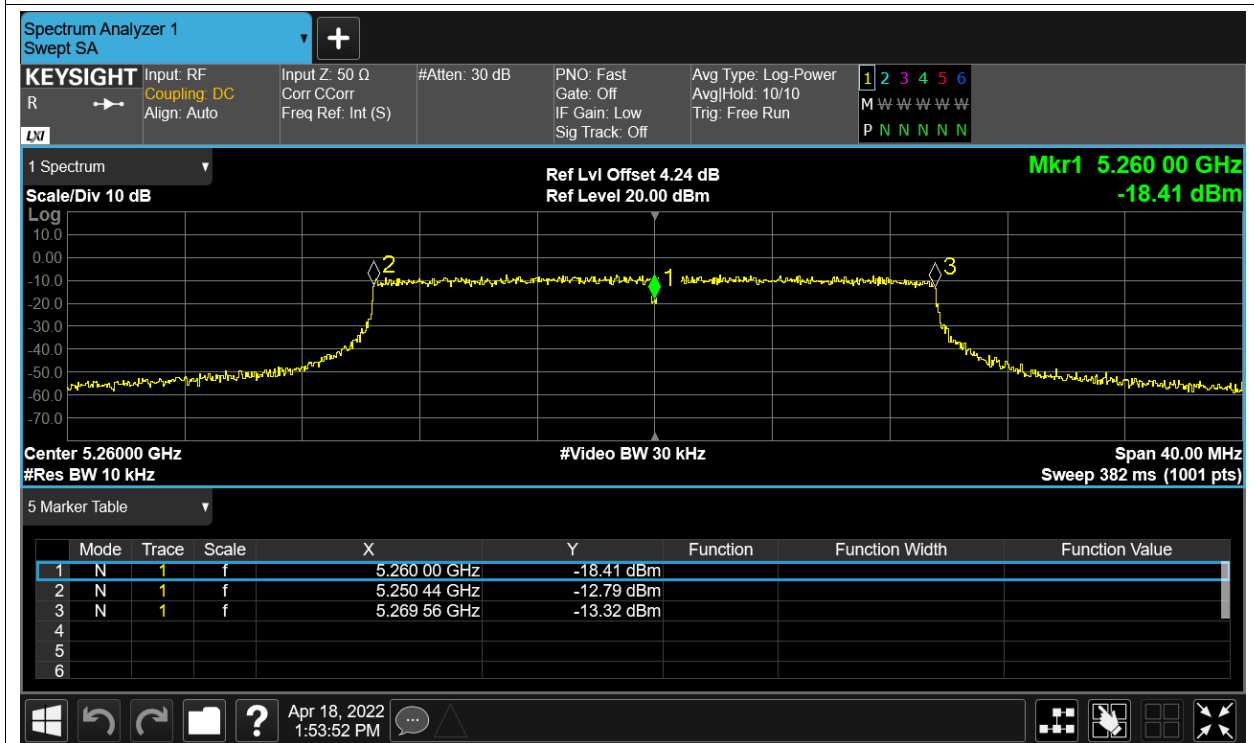
Freq. Stability NVLT ac80 5290MHz Sum



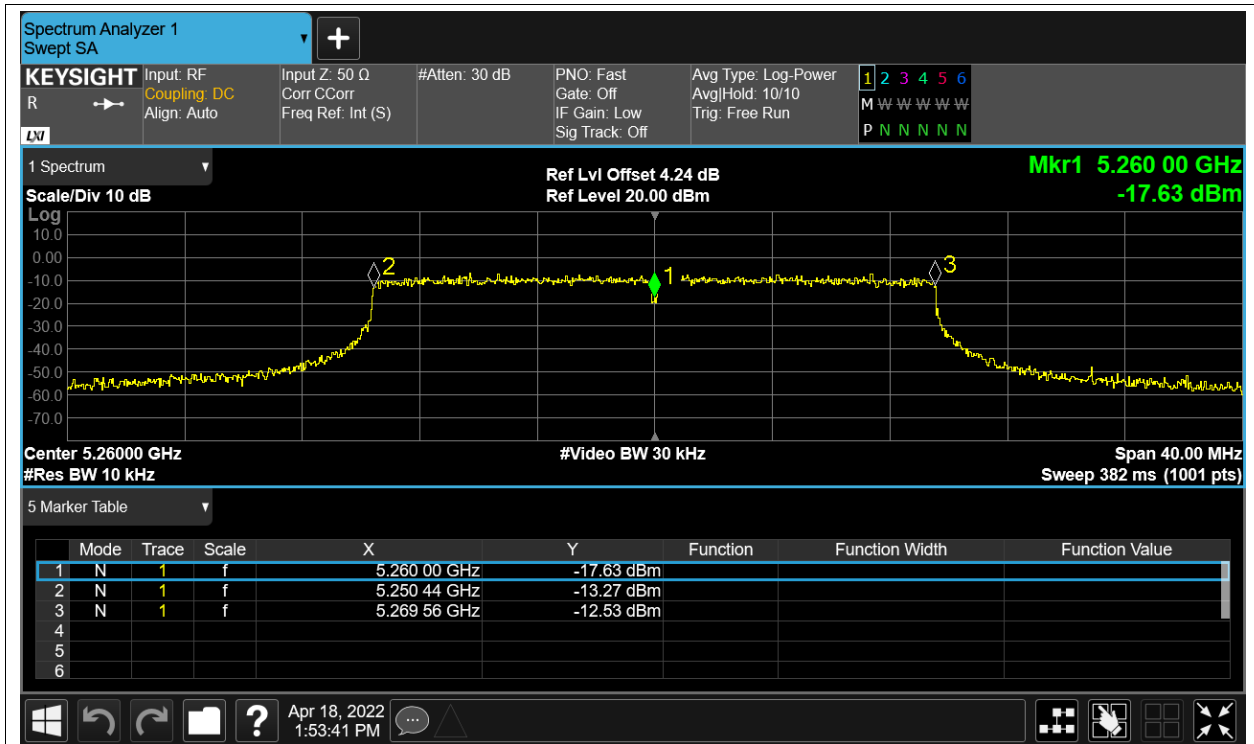
Freq. Stability NVNT ac80 5290MHz Sum



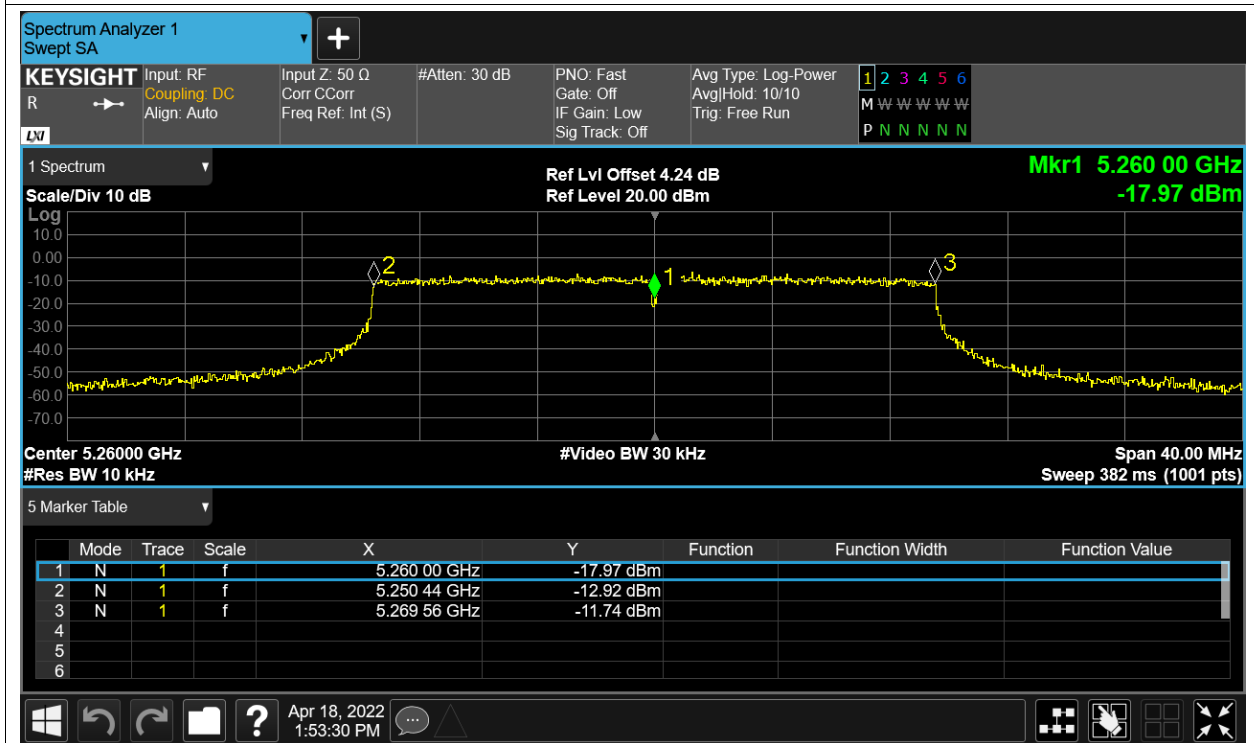
Freq. Stability HVNT ax20 5260MHz Sum



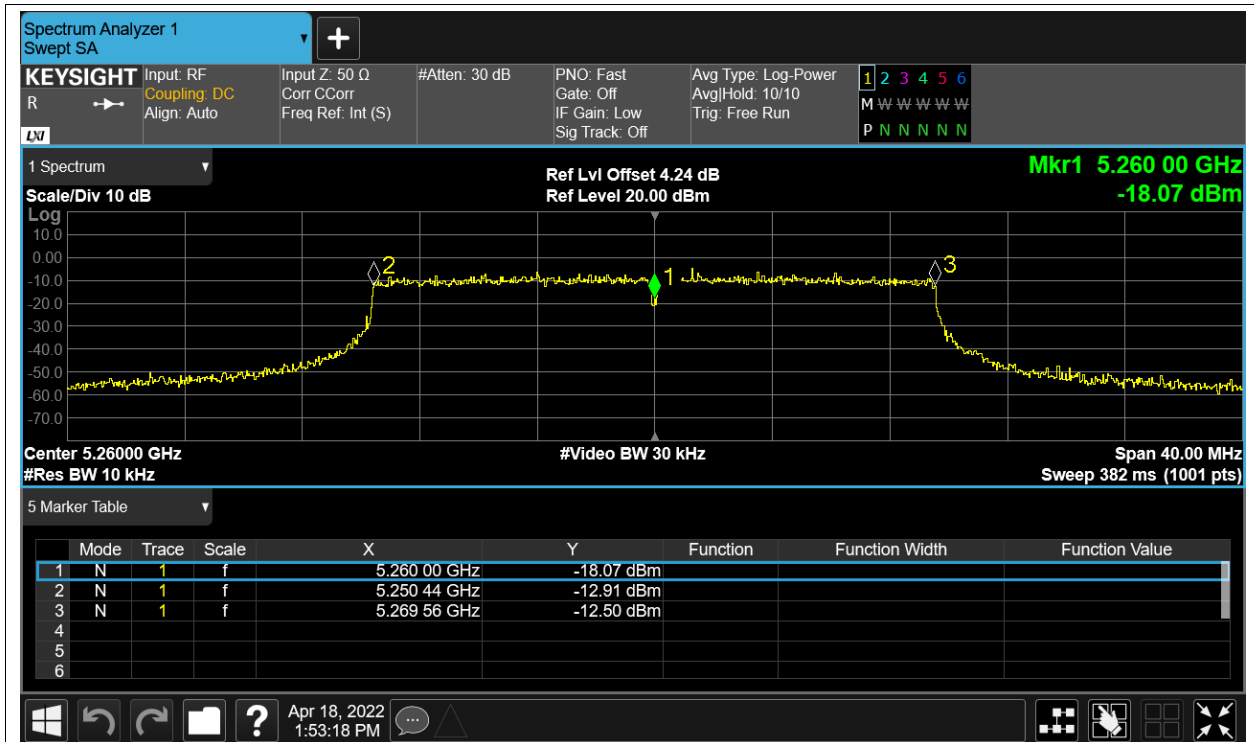
Freq. Stability LVNT ax20 5260MHz Sum



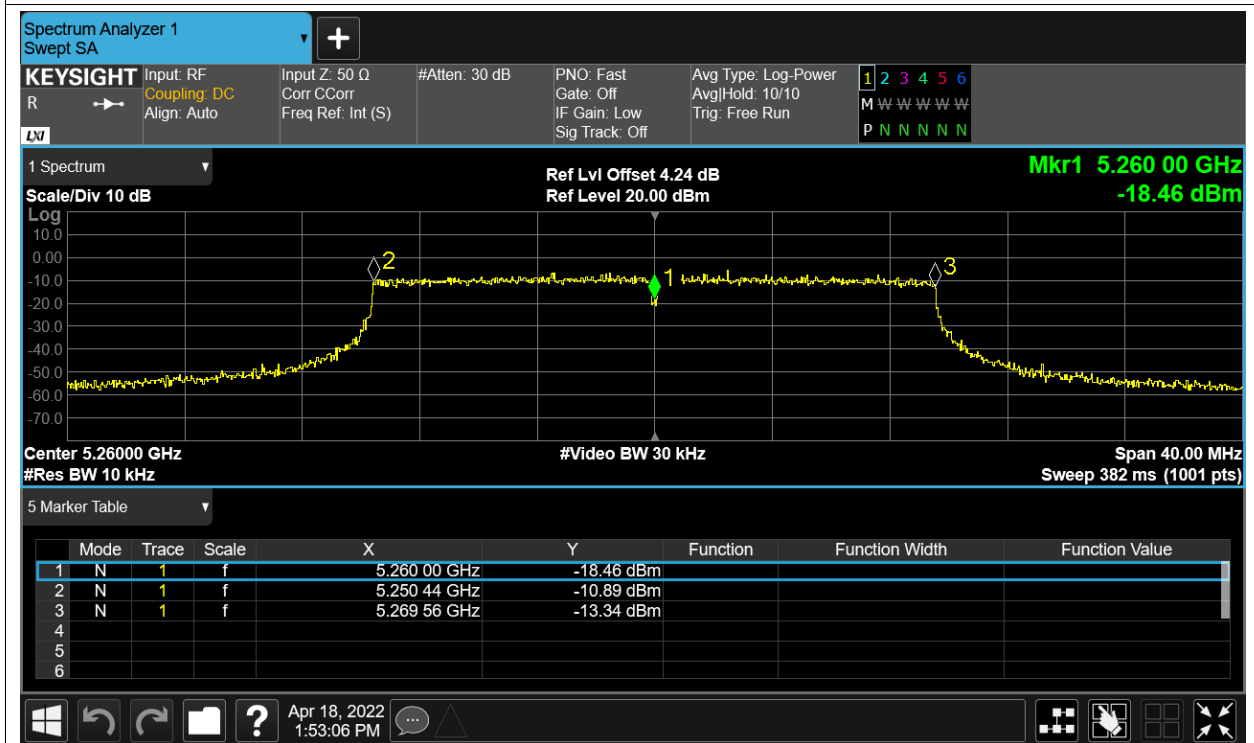
Freq. Stability NVHT ax20 5260MHz Sum



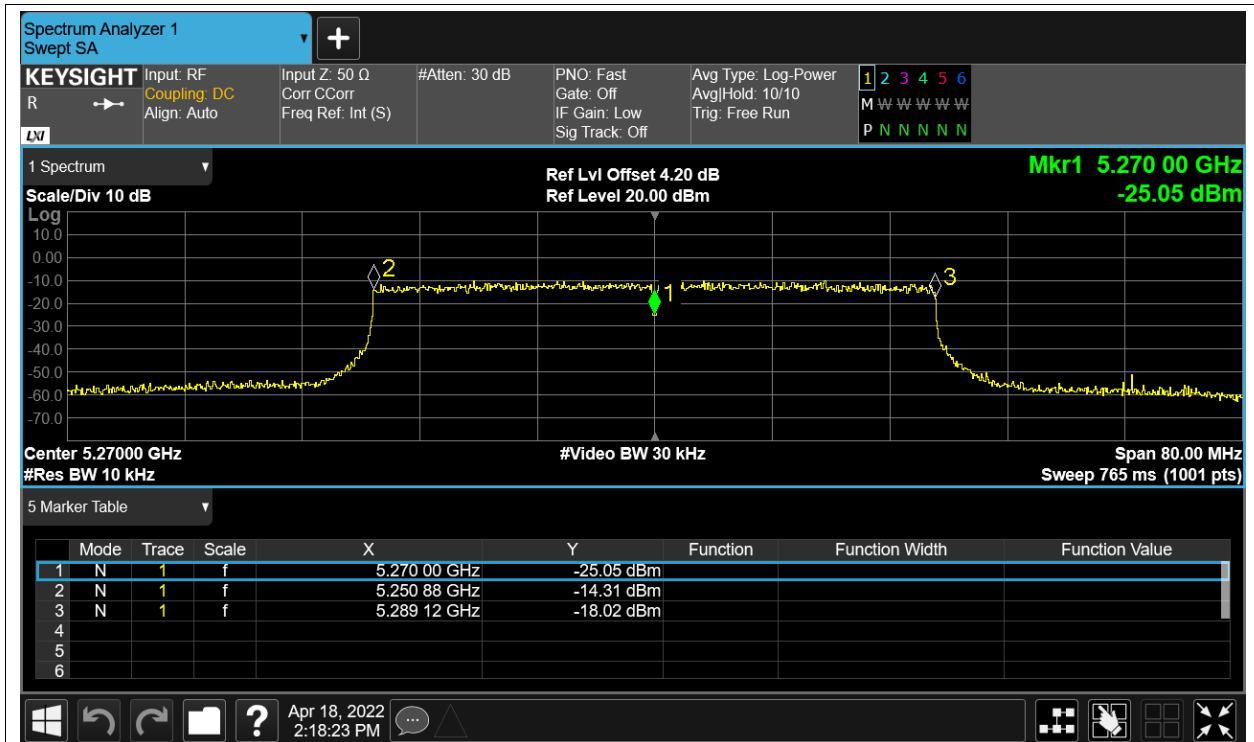
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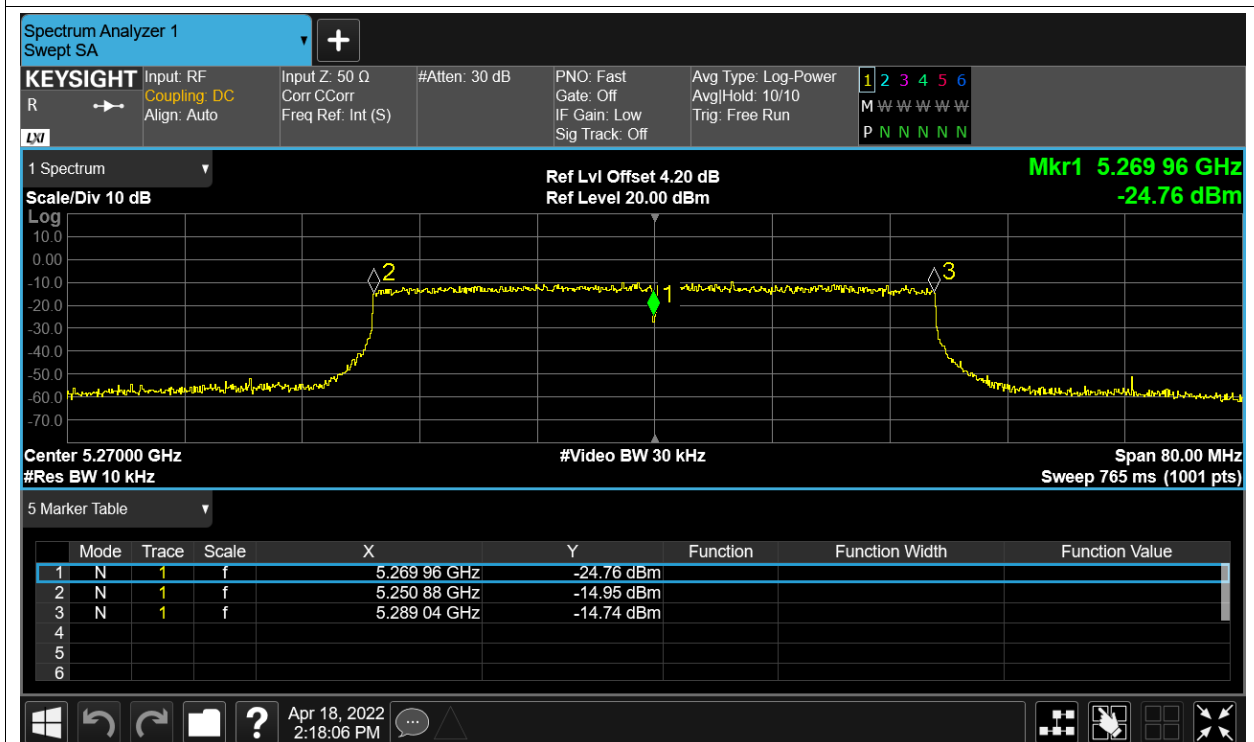
Freq. Stability NVNT ax20 5260MHz Sum



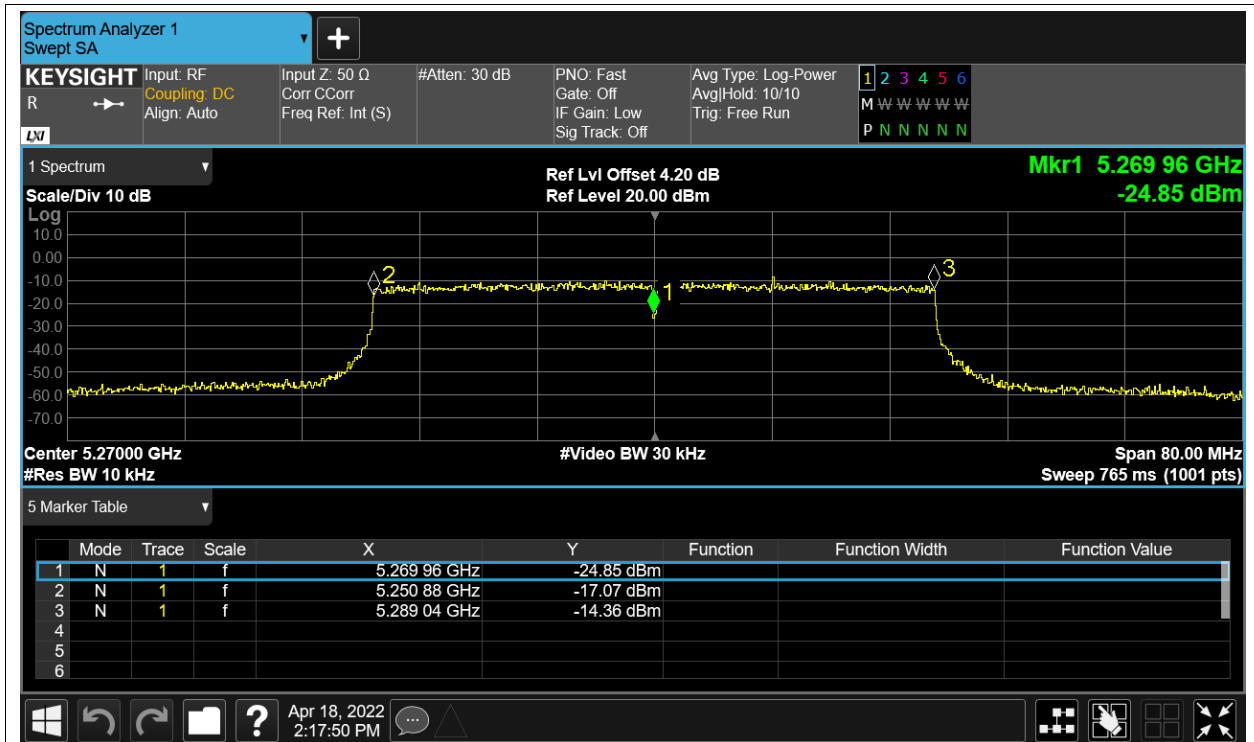
Freq. Stability HVNT ax40 5270MHz Sum



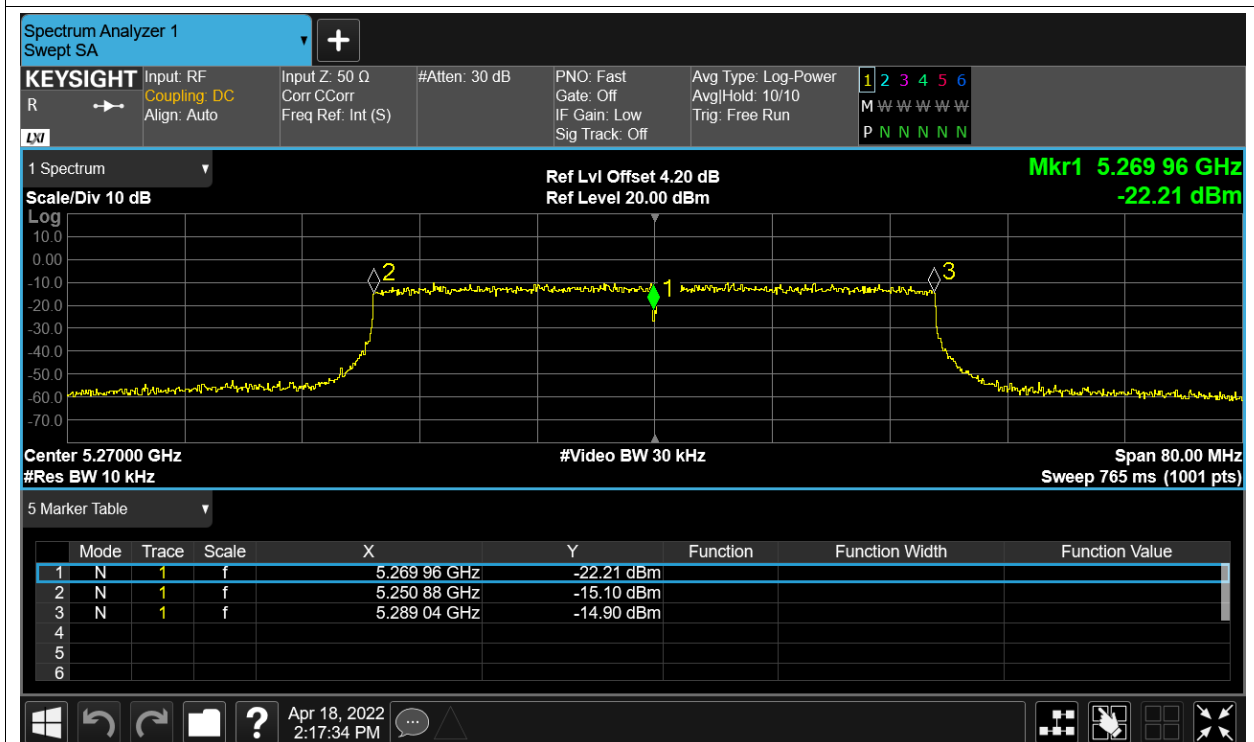
Freq. Stability LVNT ax40 5270MHz Sum



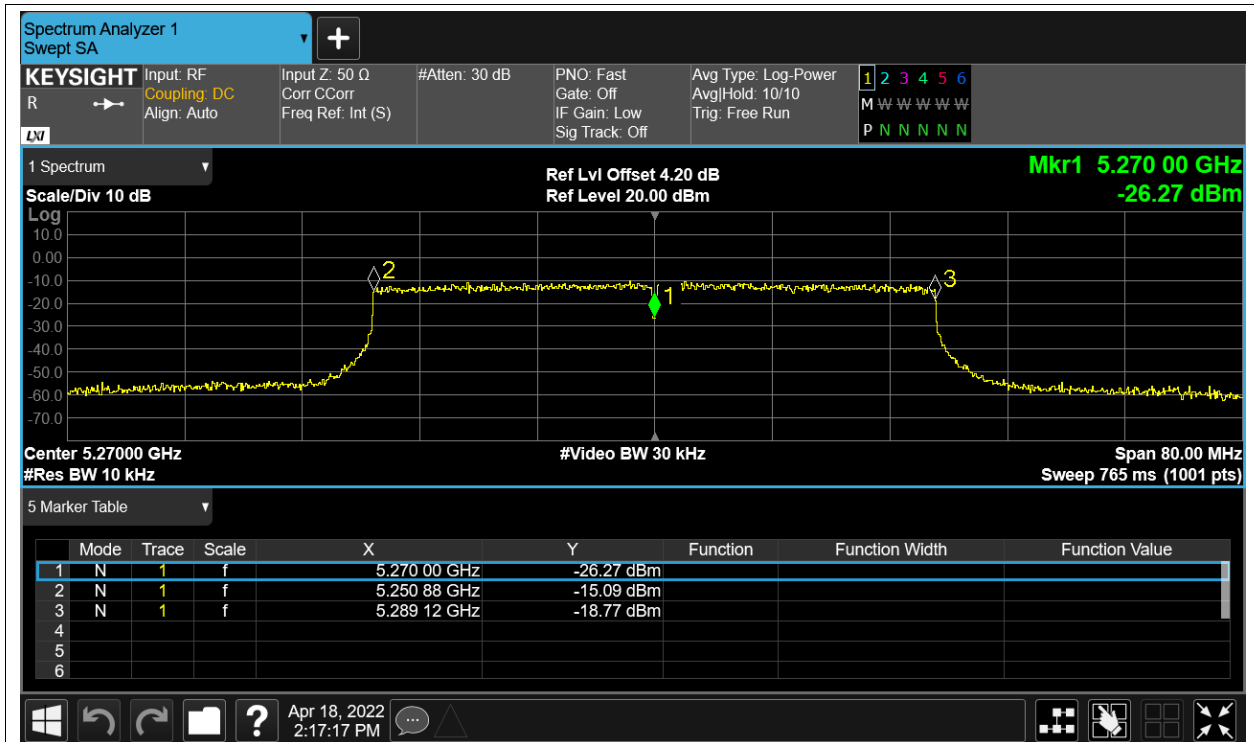
Freq. Stability NVHT ax40 5270MHz Sum



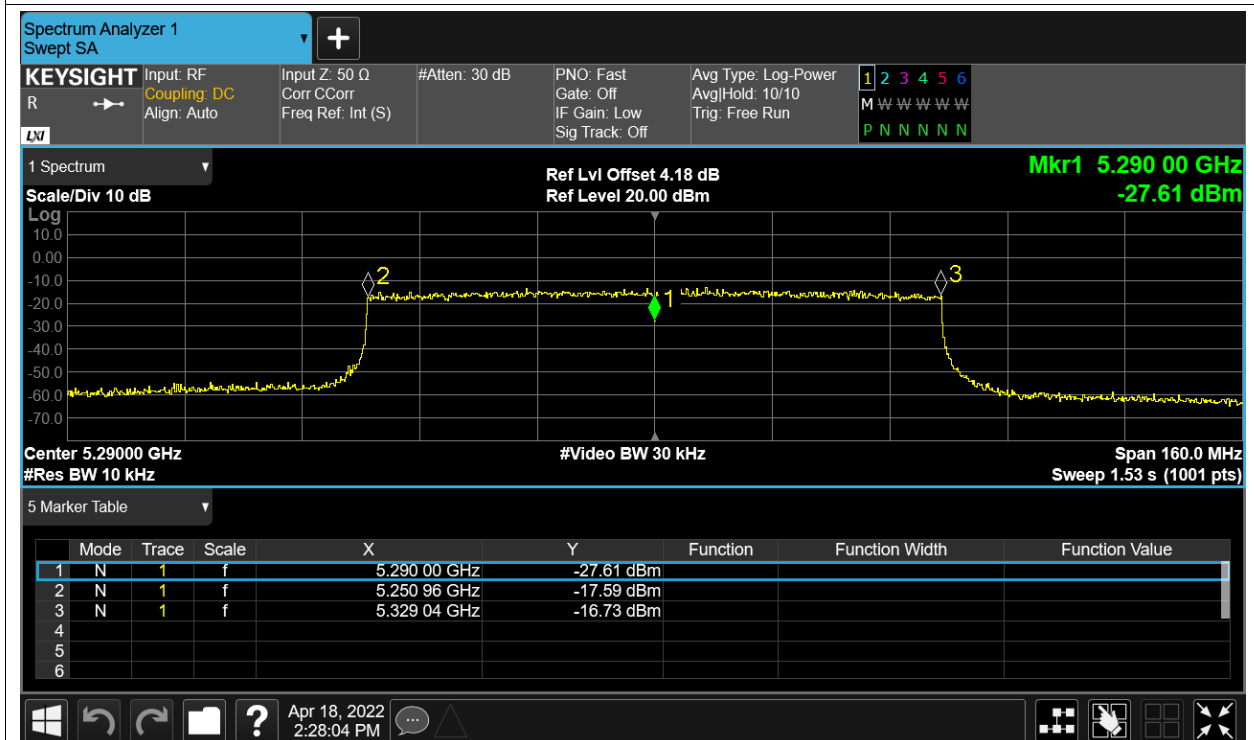
Freq. Stability NVLT ax40 5270MHz Sum



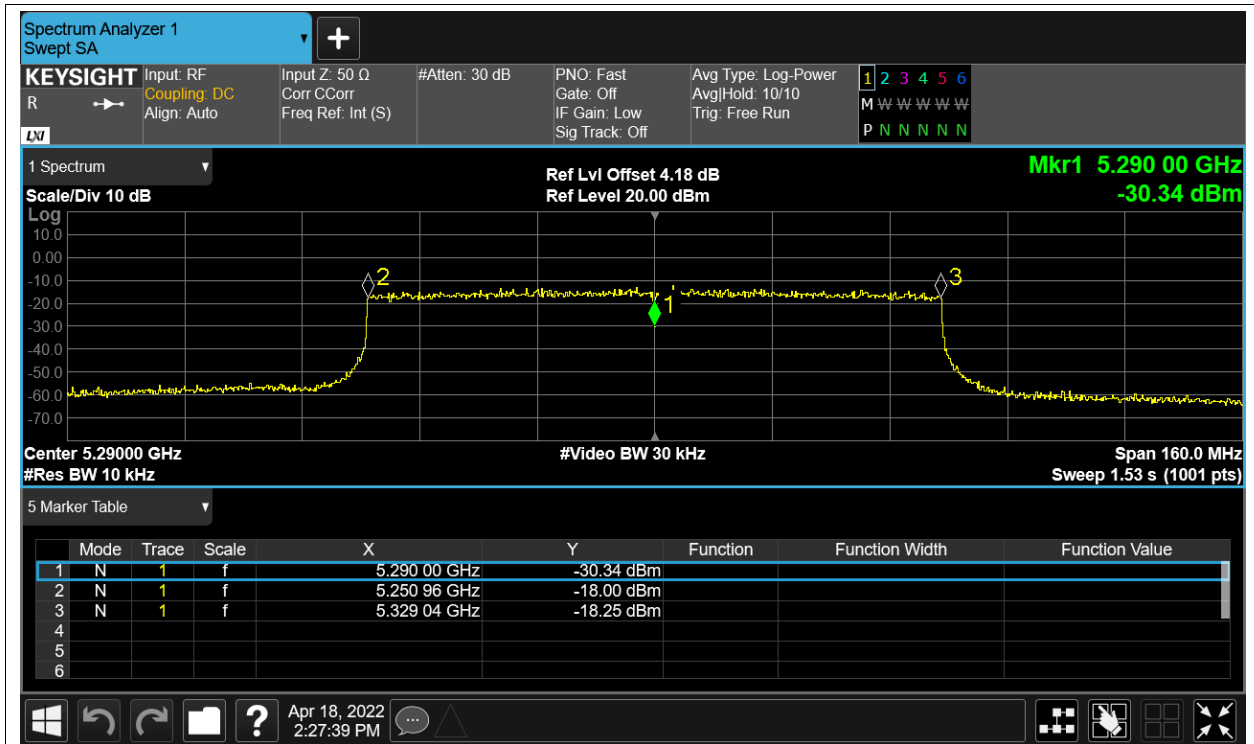
Freq. Stability NVNT ax40 5270MHz Sum



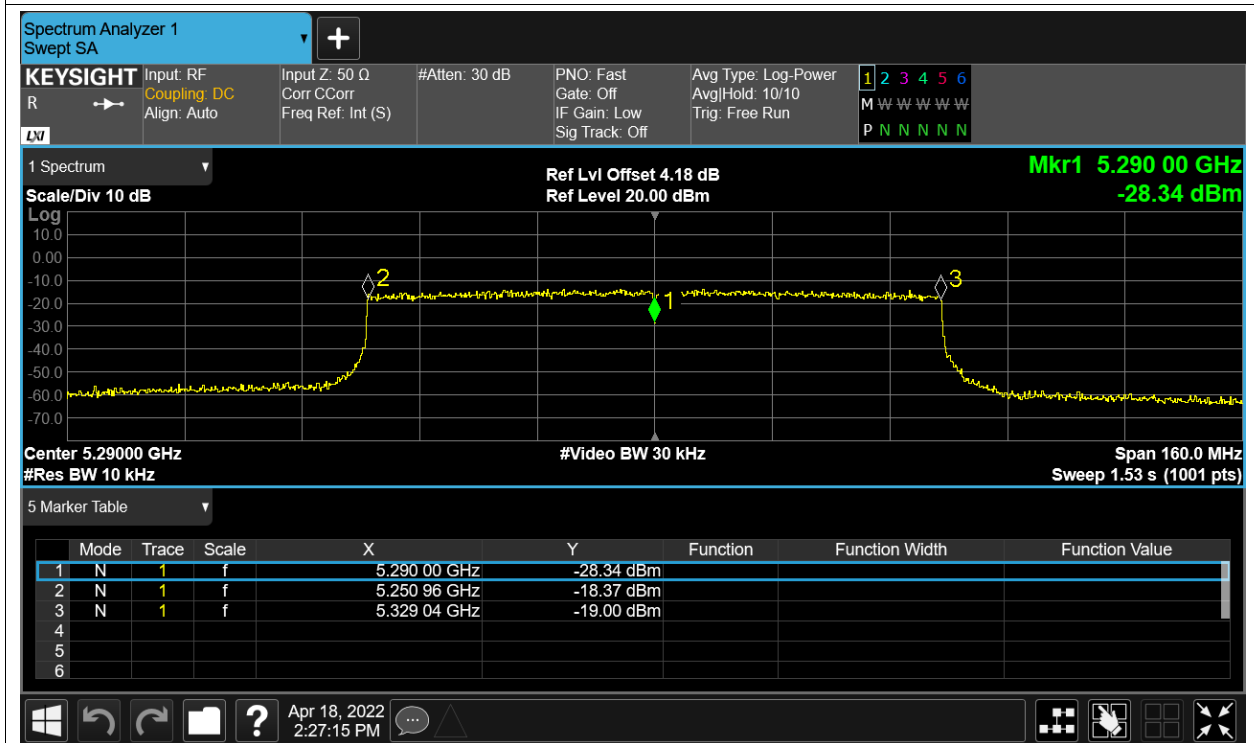
Freq. Stability HVNT ax80 5290MHz Sum



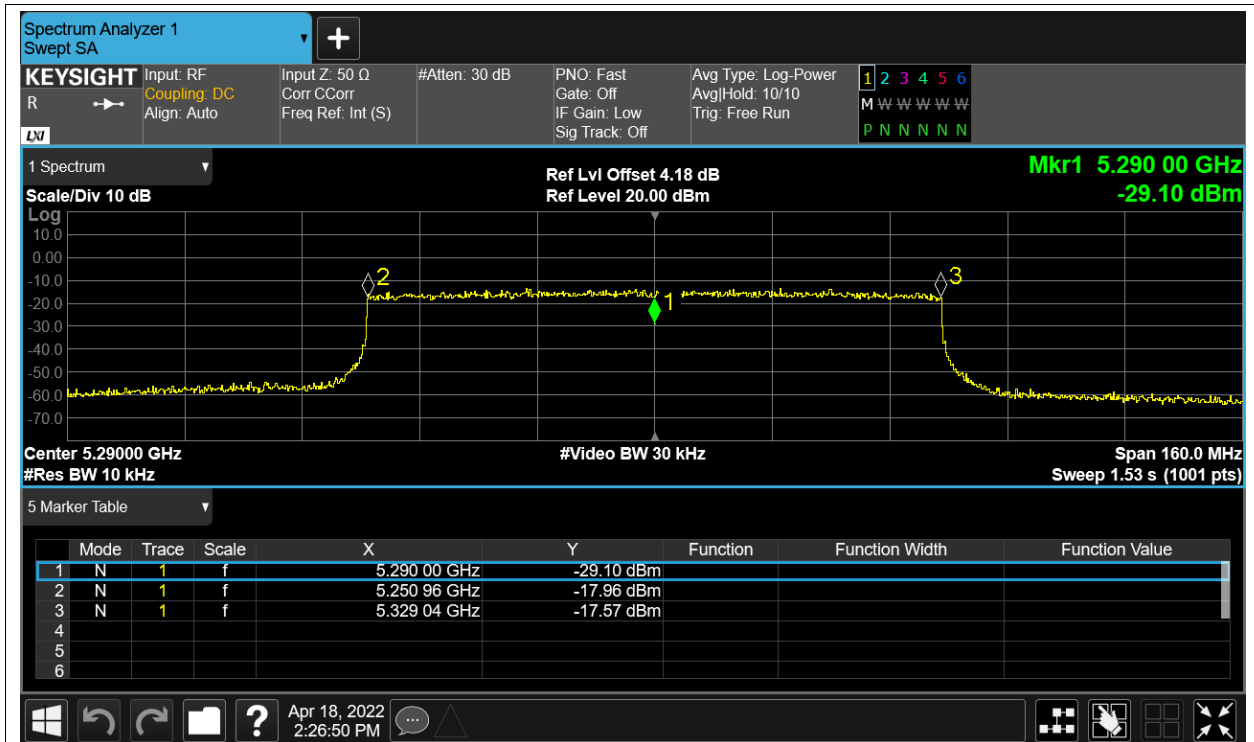
Freq. Stability LVNT ax80 5290MHz Sum



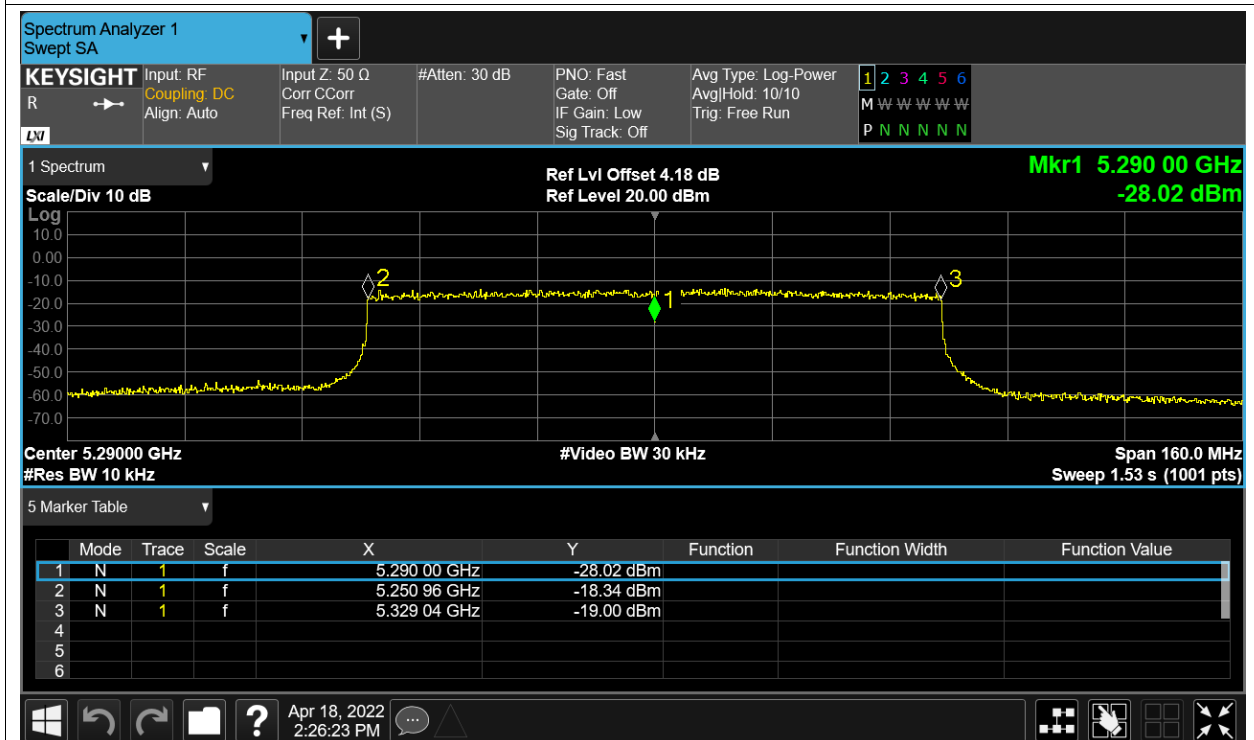
Freq. Stability NVHT ax80 5290MHz Sum



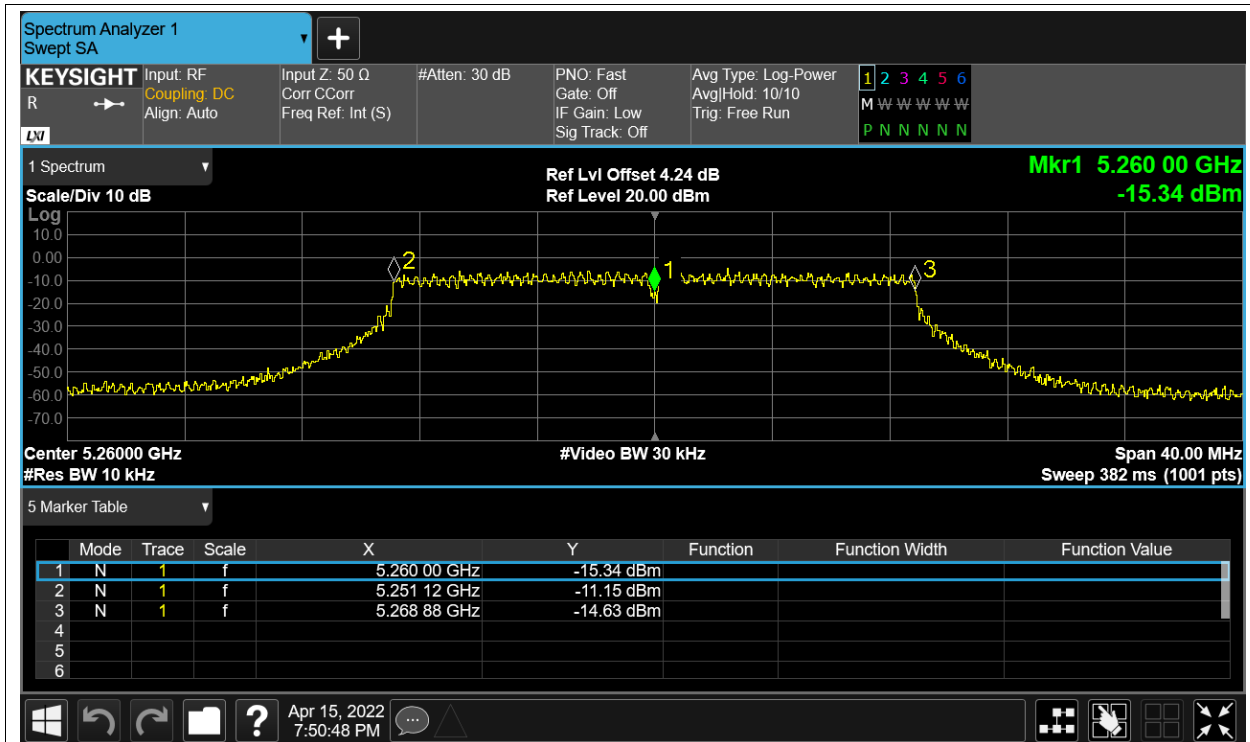
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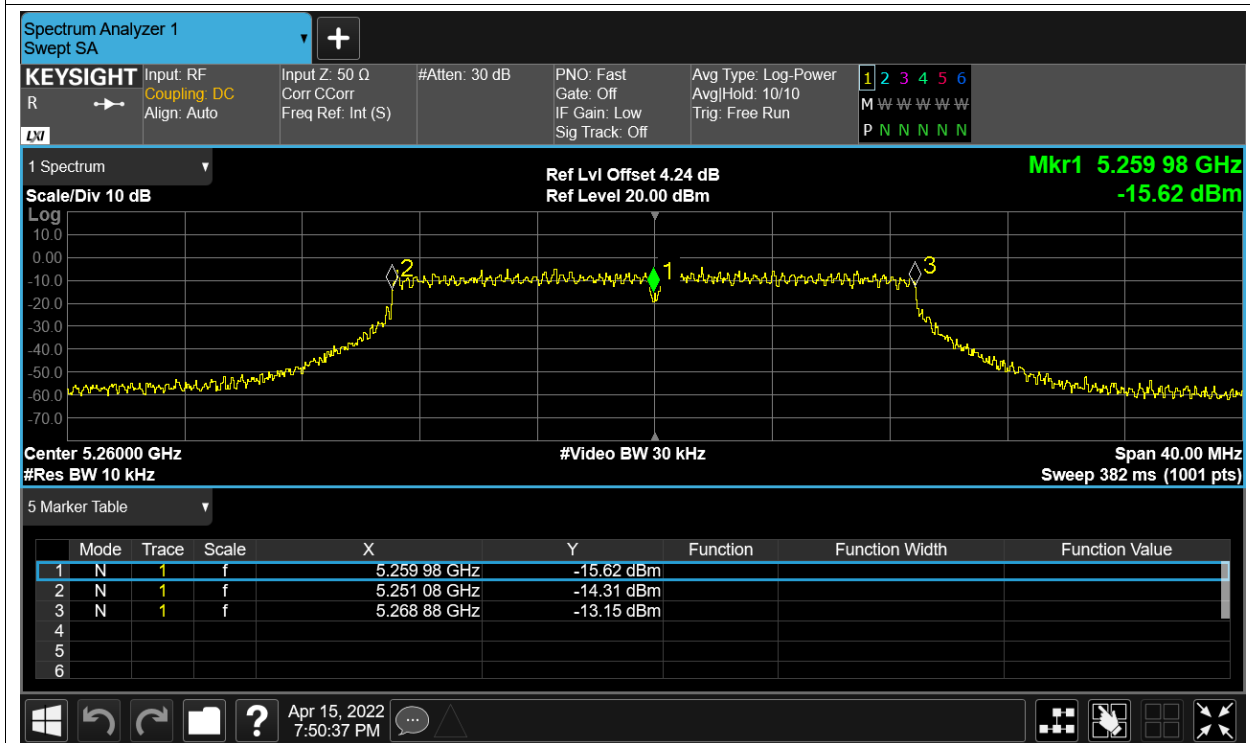
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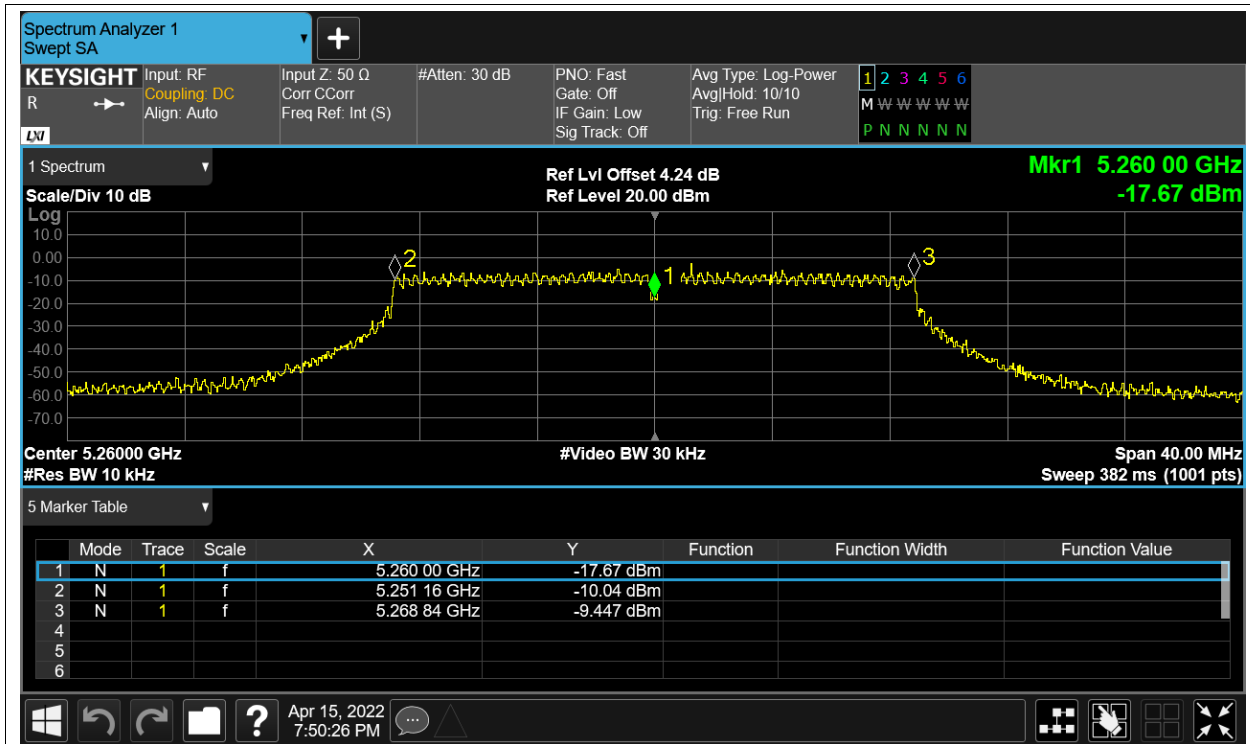
Freq. Stability HVNT n20 5260MHz Sum



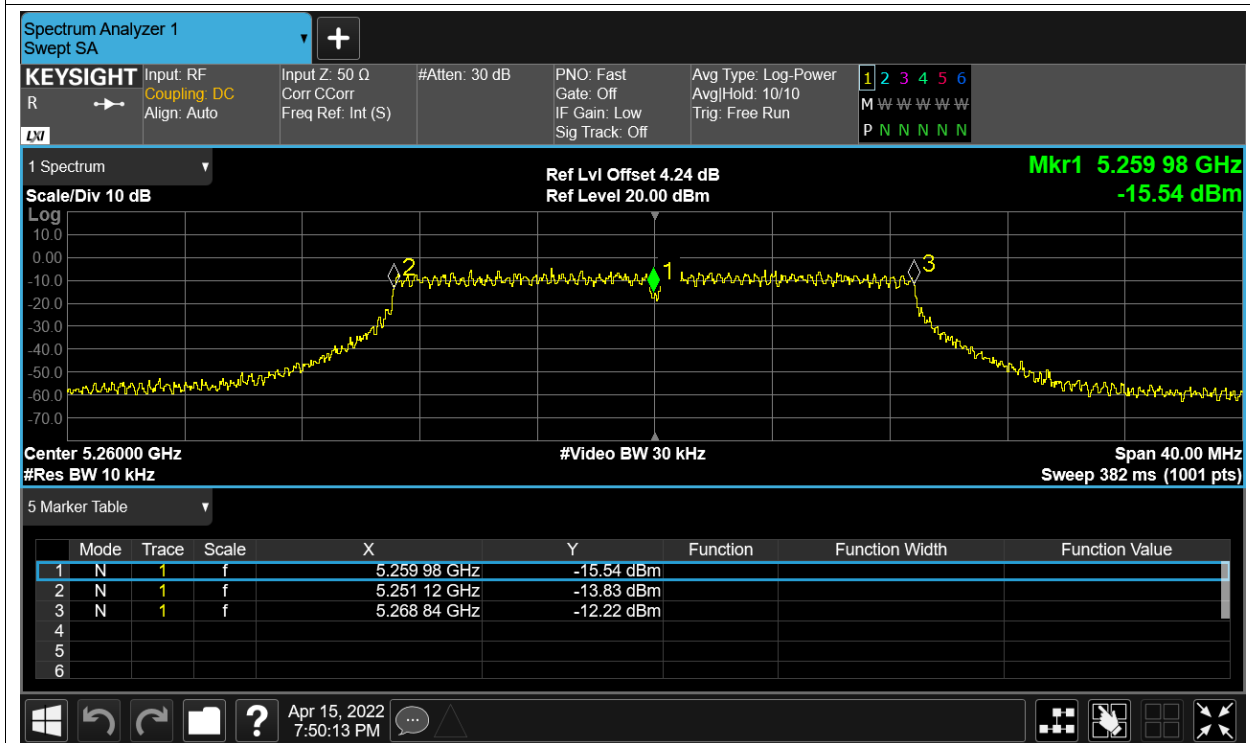
Freq. Stability LVNT n20 5260MHz Sum



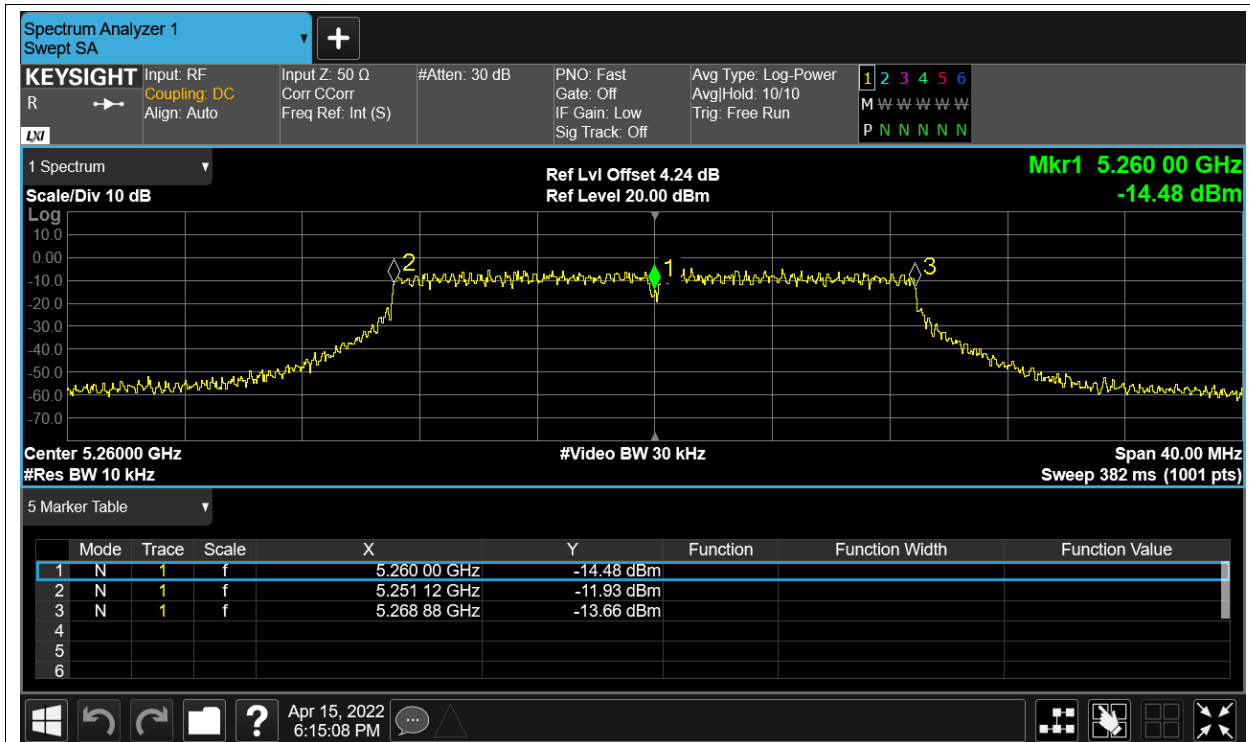
Freq. Stability NVHT n20 5260MHz Sum



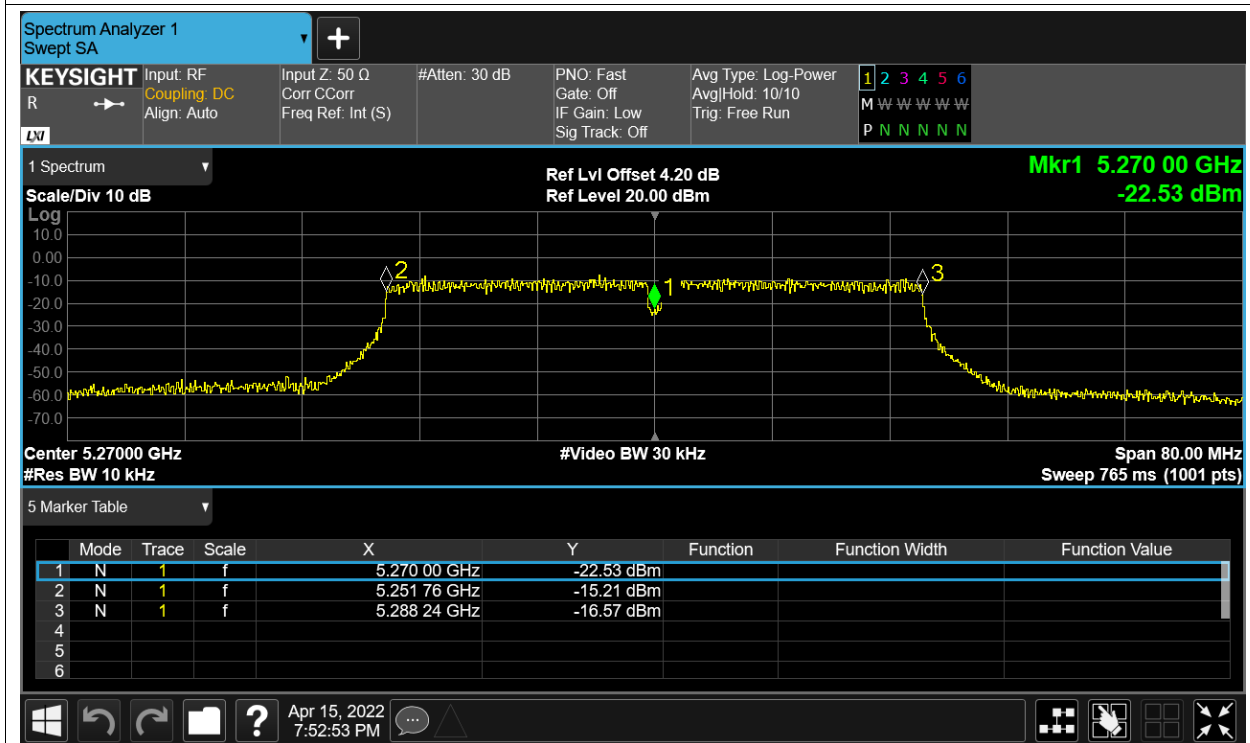
Freq. Stability NVLT n20 5260MHz Sum



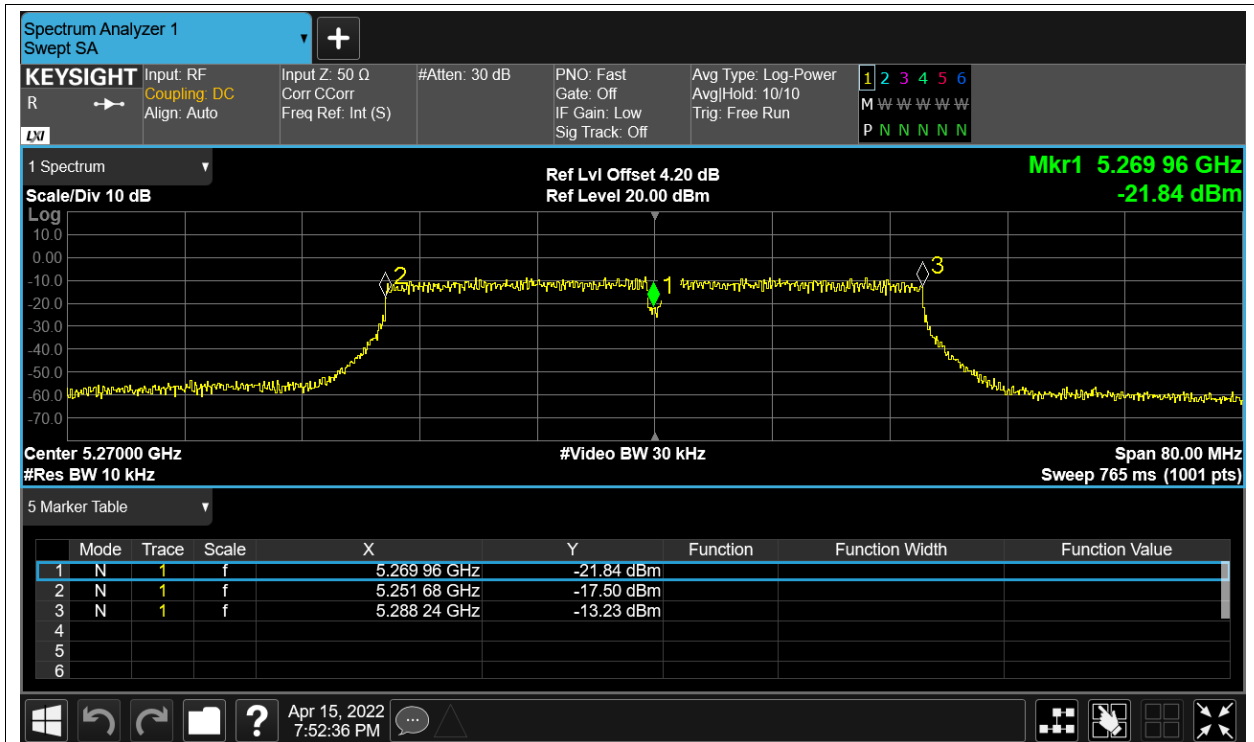
Freq. Stability NVNT n20 5260MHz Sum



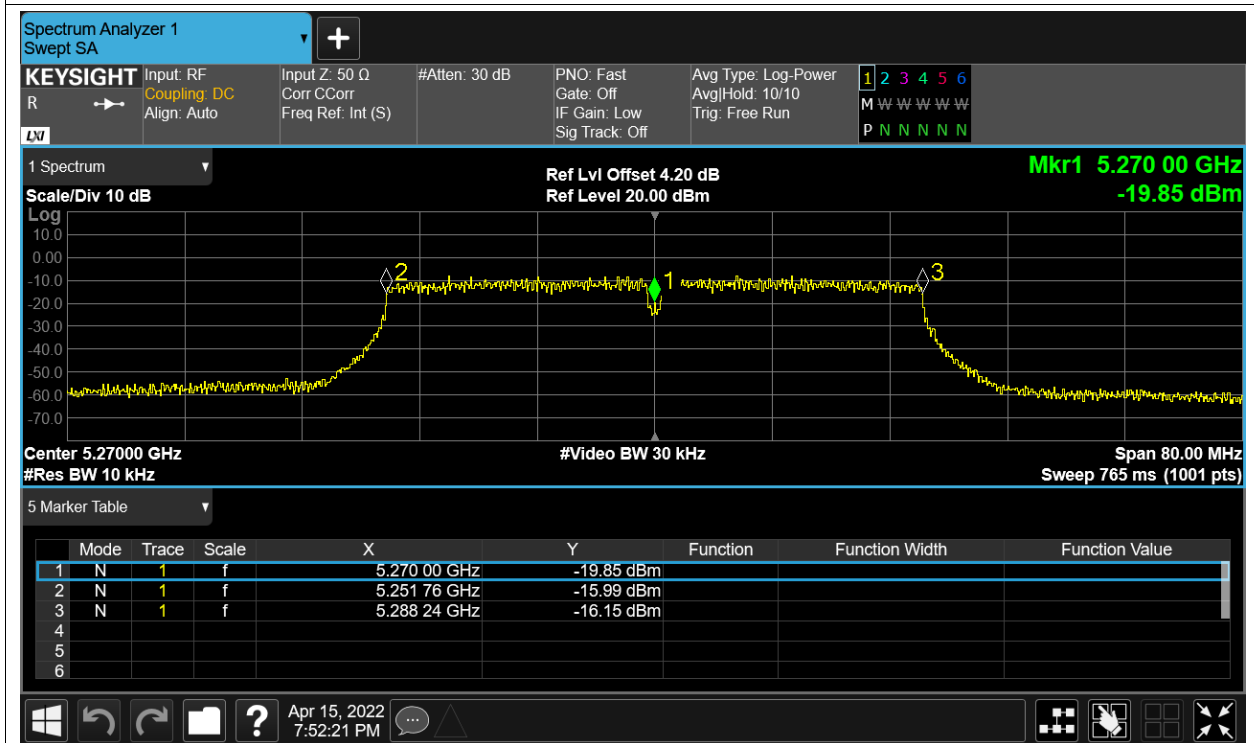
Freq. Stability HVNT n40 5270MHz Sum



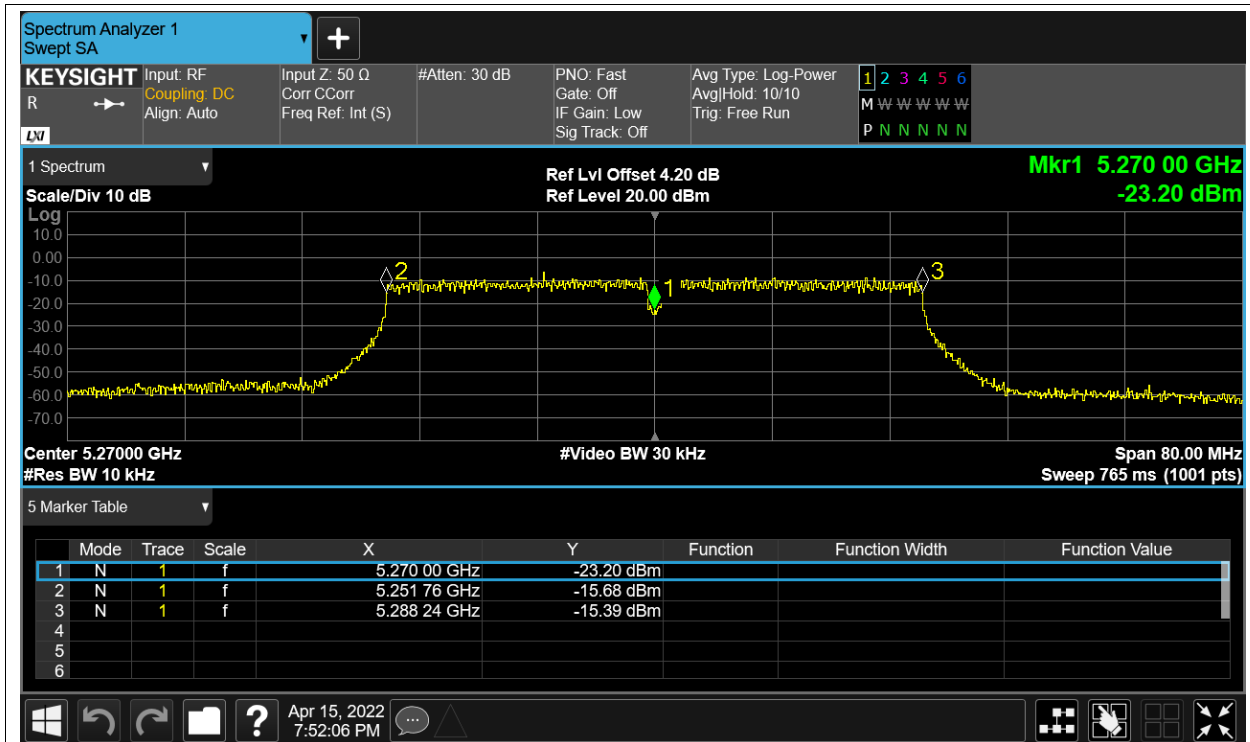
Freq. Stability LVNT n40 5270MHz Sum



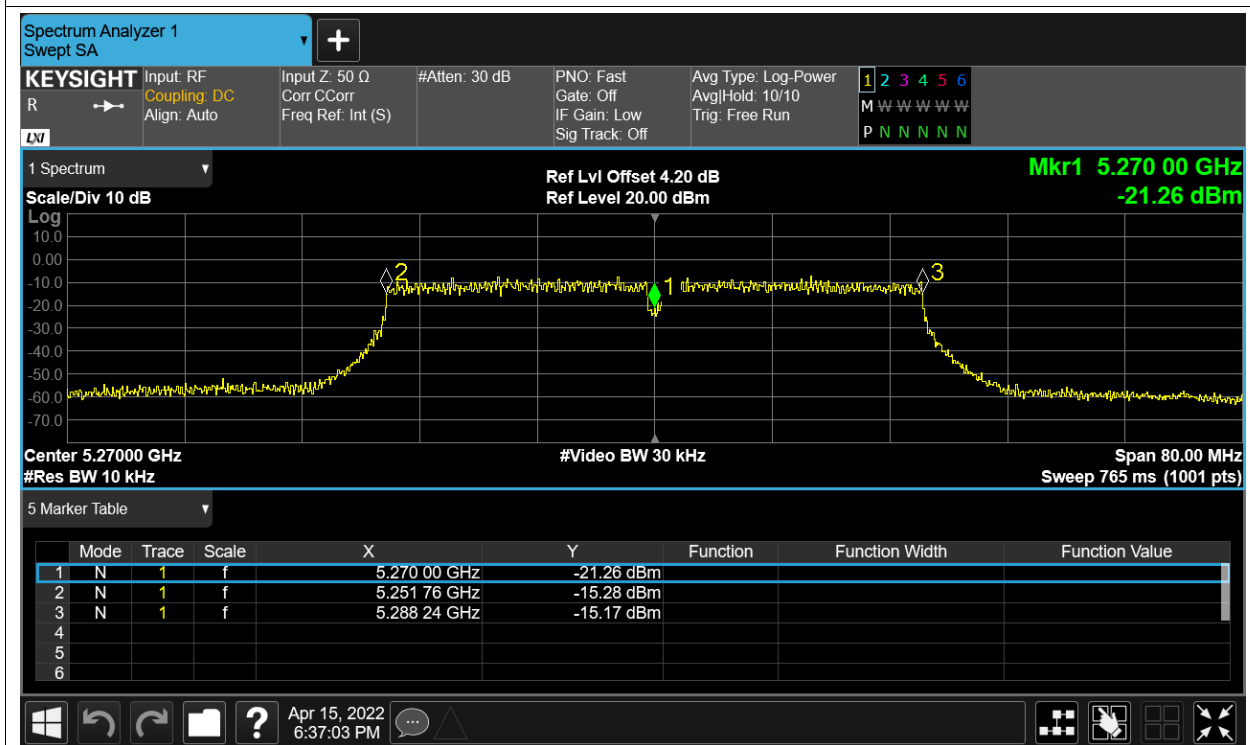
Freq. Stability NVHT n40 5270MHz Sum



Freq. Stability NVLT n40 5270MHz Sum



Freq. Stability NVNT n40 5270MHz Sum

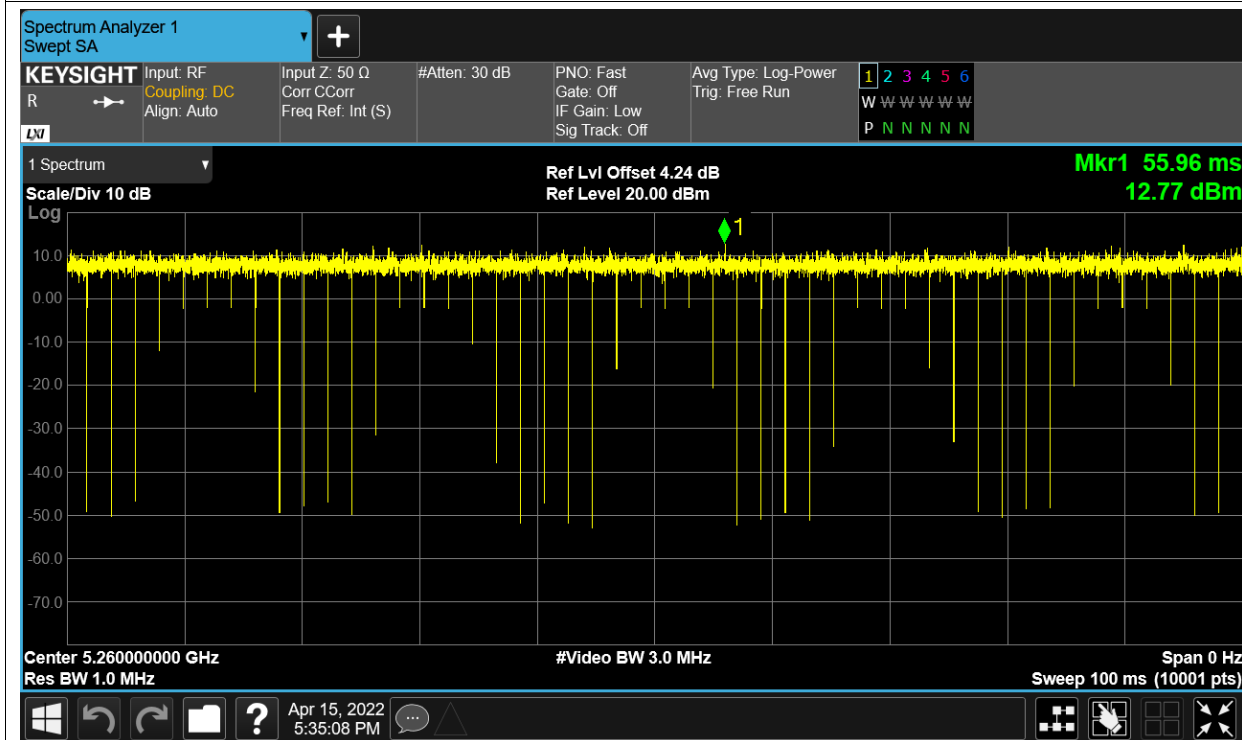


Duty Cycle

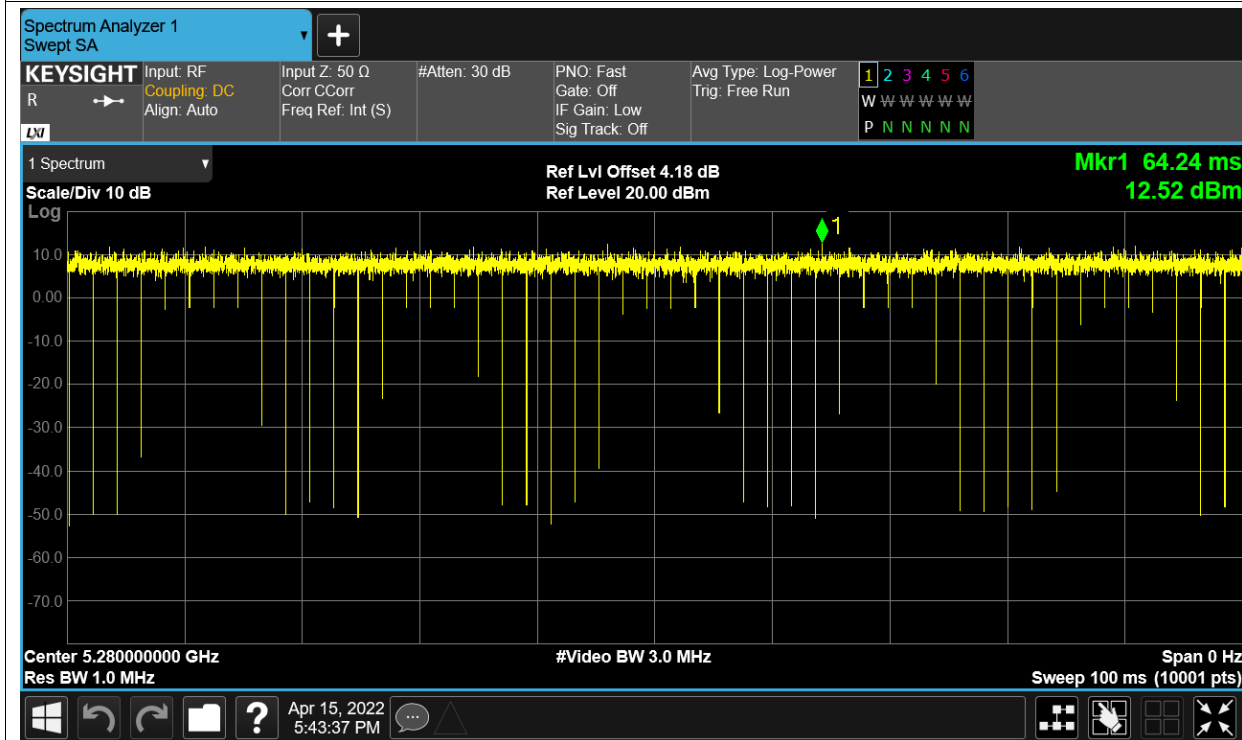
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	99.79	0.01
NVNT	a	5280	Ant1	99.78	0.01
NVNT	a	5320	Ant1	99.76	0.01
NVNT	a	5260	Ant2	99.75	0.01
NVNT	a	5280	Ant2	99.76	0.01
NVNT	a	5320	Ant2	99.76	0.01
NVNT	ac20	5260	Sum	99.91	0
NVNT	ac20	5280	Sum	99.93	0
NVNT	ac20	5320	Sum	99.91	0
NVNT	ac40	5270	Sum	99.91	0
NVNT	ac40	5310	Sum	99.9	0
NVNT	ac80	5290	Sum	99.92	0
NVNT	ax20	5260	Sum	99.92	0
NVNT	ax20	5280	Sum	99.9	0
NVNT	ax20	5320	Sum	99.9	0
NVNT	ax40	5270	Sum	99.91	0
NVNT	ax40	5310	Sum	99.91	0
NVNT	ax80	5290	Sum	99.89	0
NVNT	n20	5260	Sum	99.9	0
NVNT	n20	5280	Sum	99.91	0
NVNT	n20	5320	Sum	99.91	0
NVNT	n40	5270	Sum	99.92	0
NVNT	n40	5310	Sum	99.91	0

Test Graphs

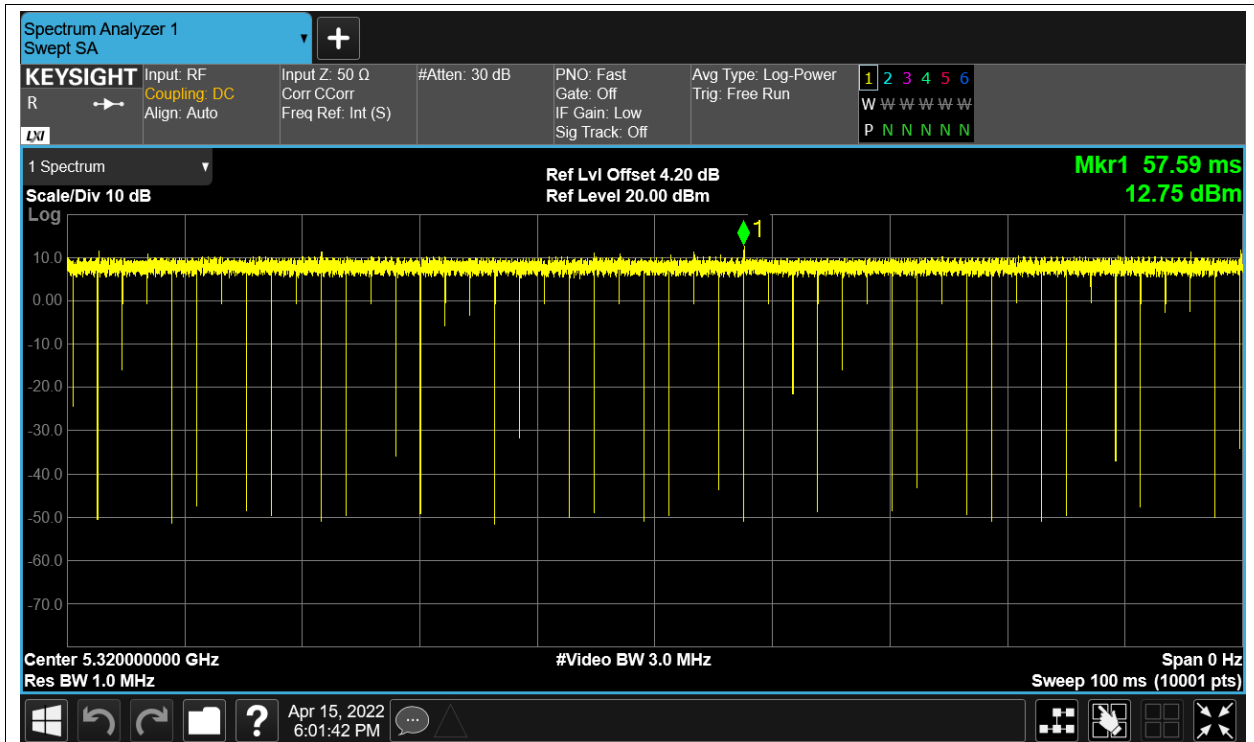
Duty Cycle NVNT a 5260MHz Ant1



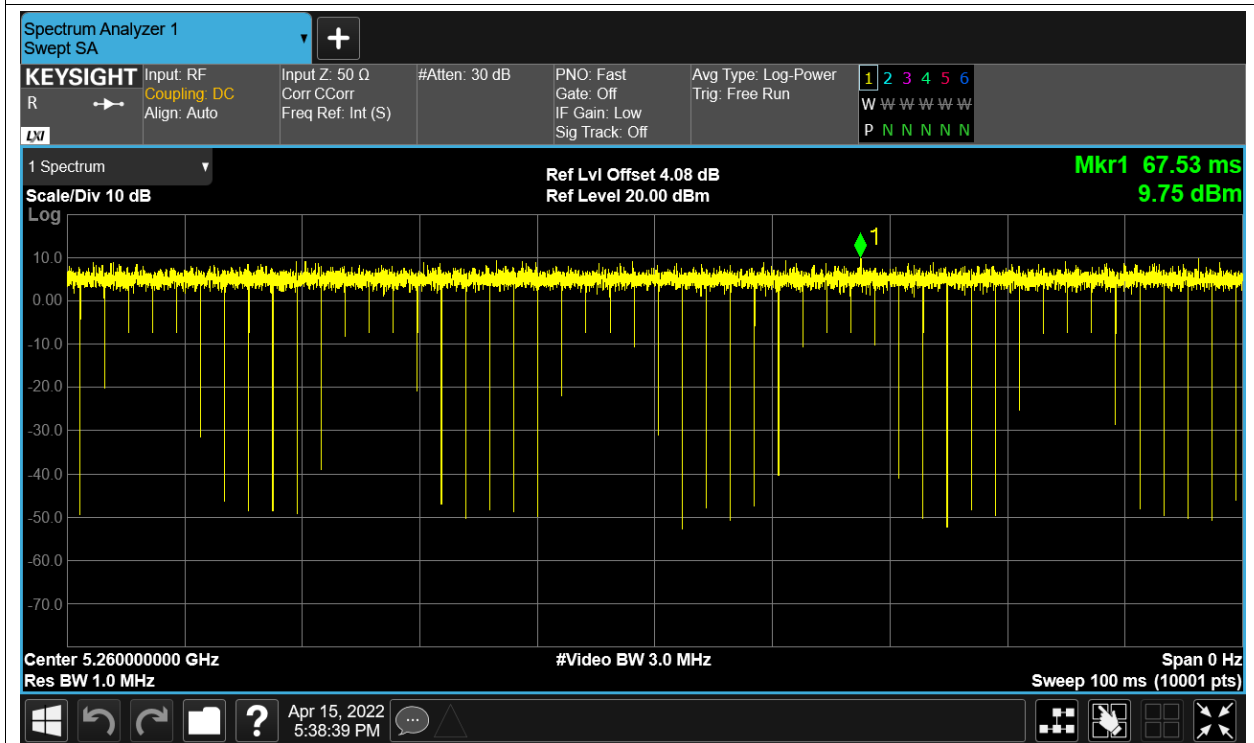
Duty Cycle NVNT a 5280MHz Ant1



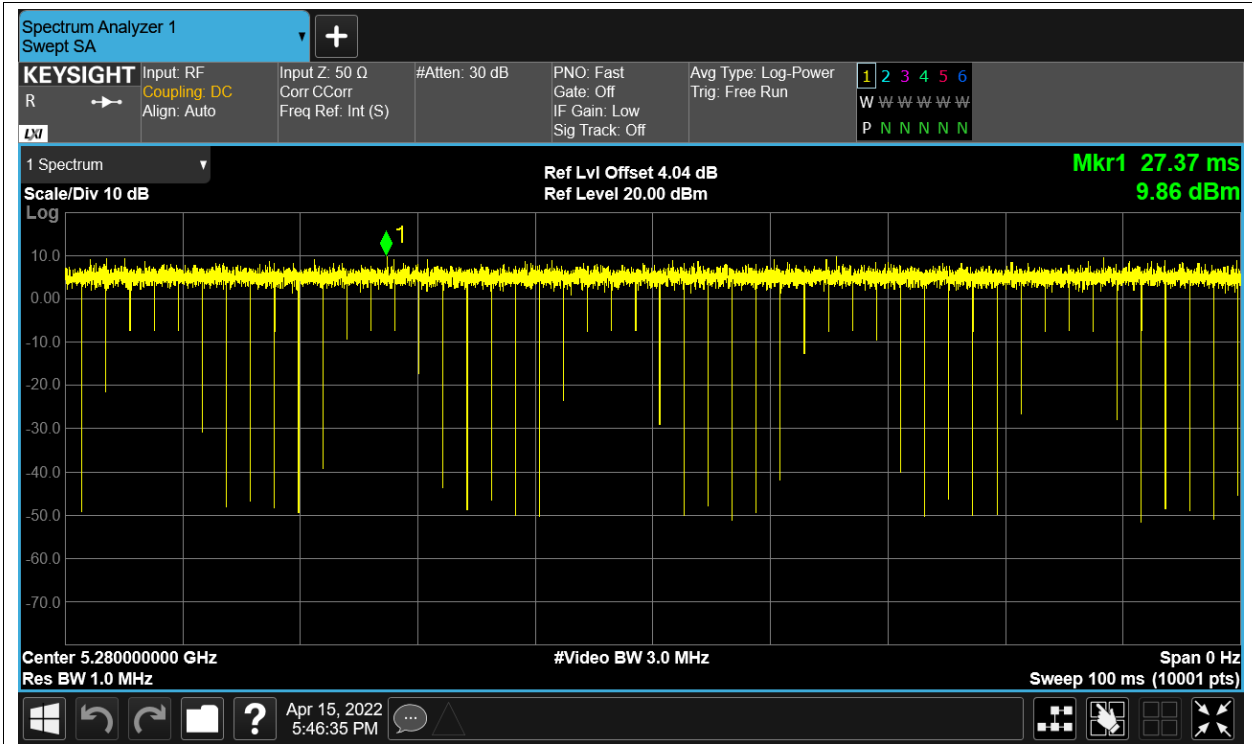
Duty Cycle NVNT a 5320MHz Ant1



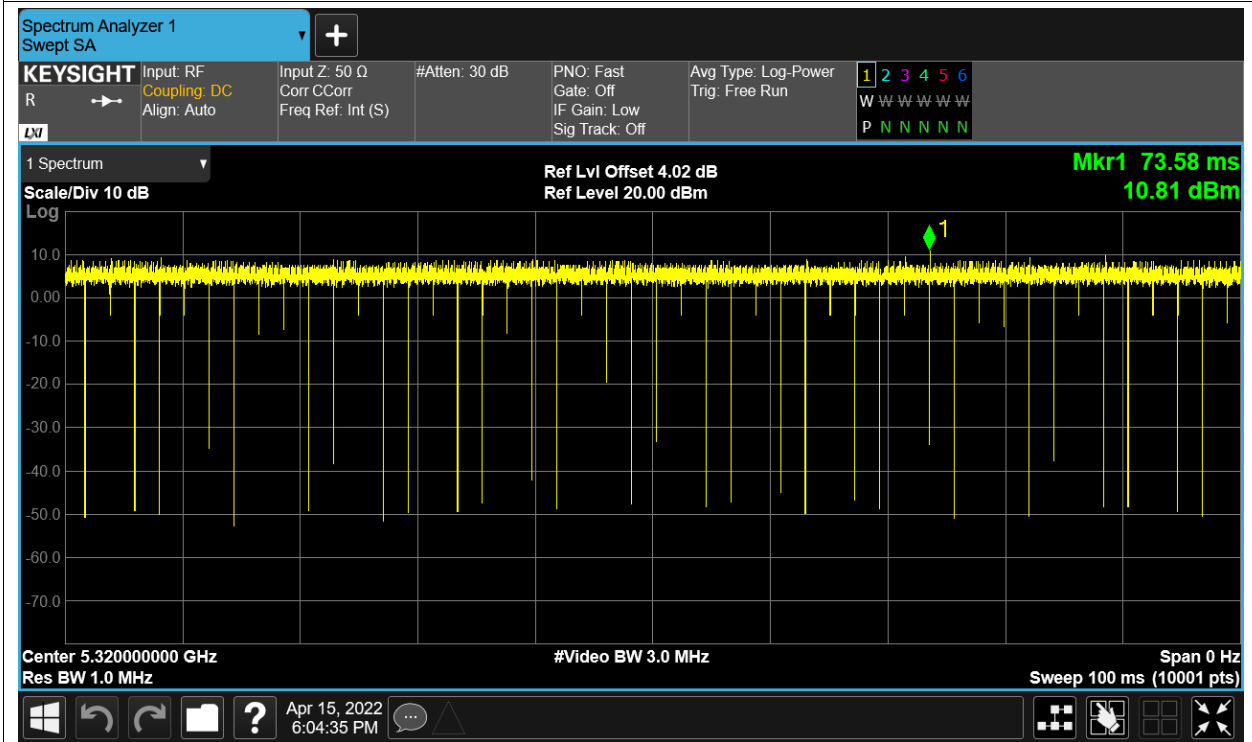
Duty Cycle NVNT a 5260MHz Ant2



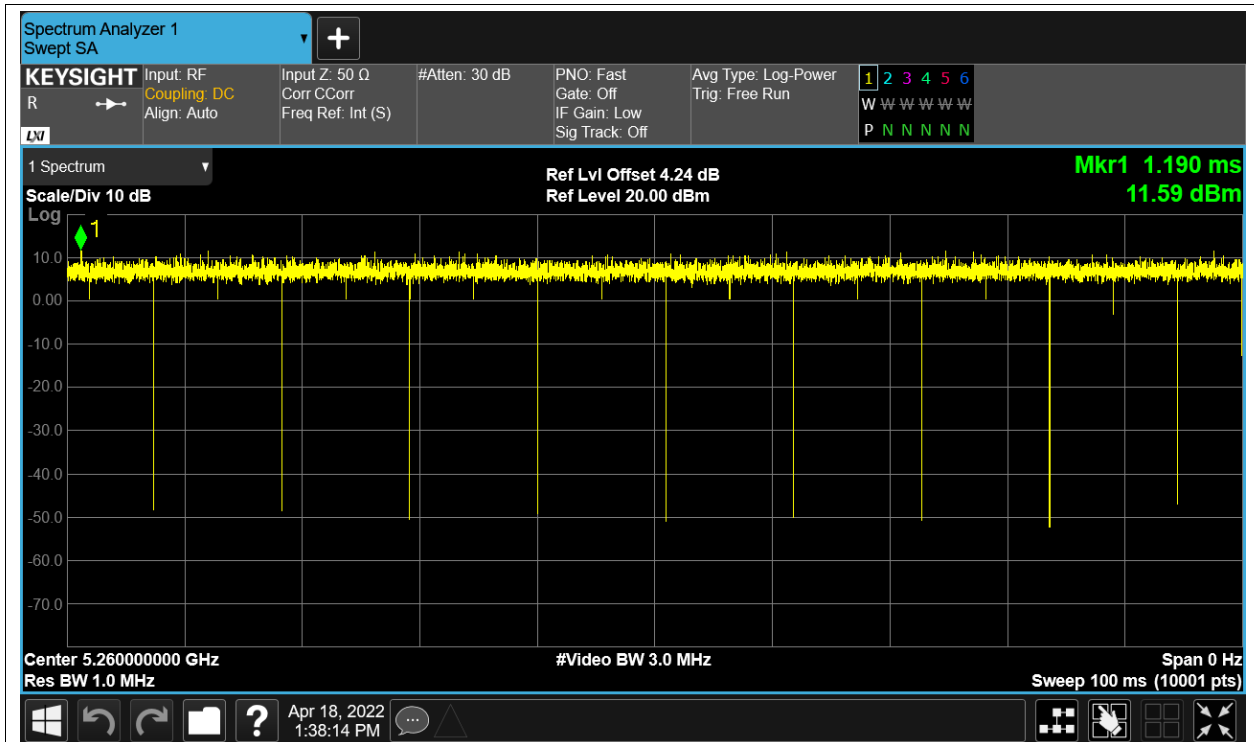
Duty Cycle NVNT a 5280MHz Ant2



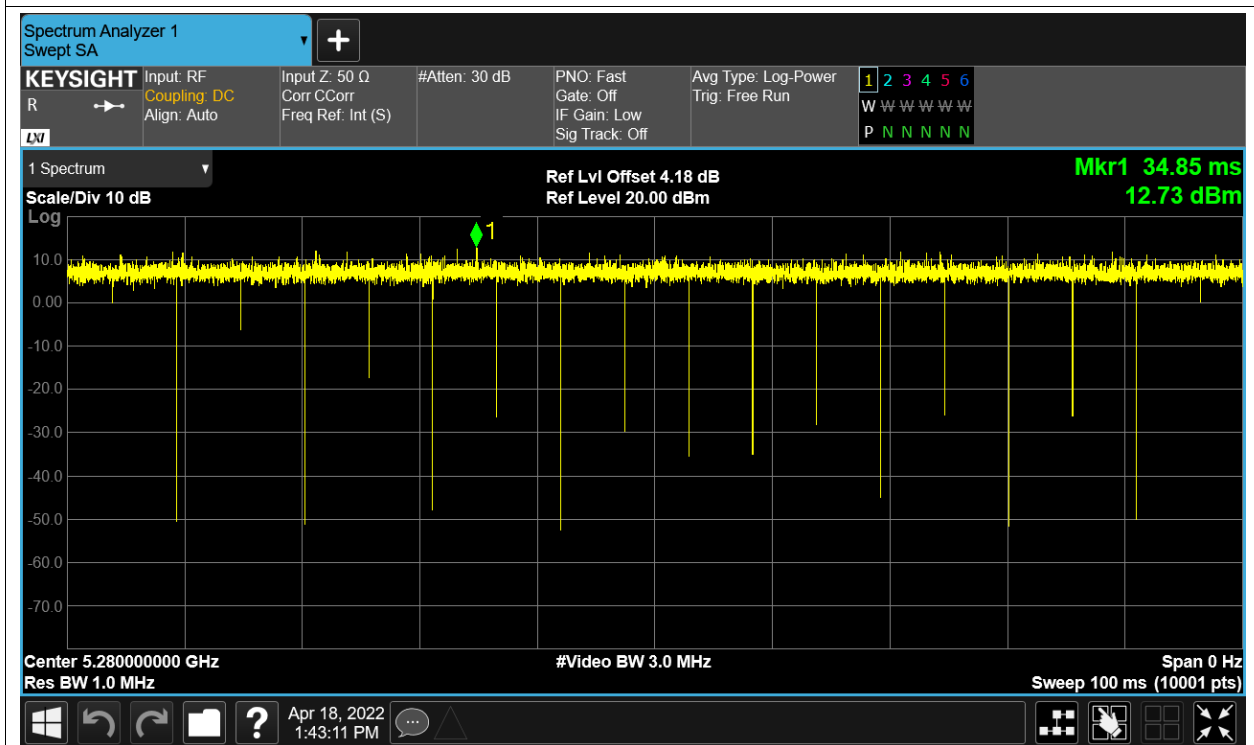
Duty Cycle NVNT a 5320MHz Ant2



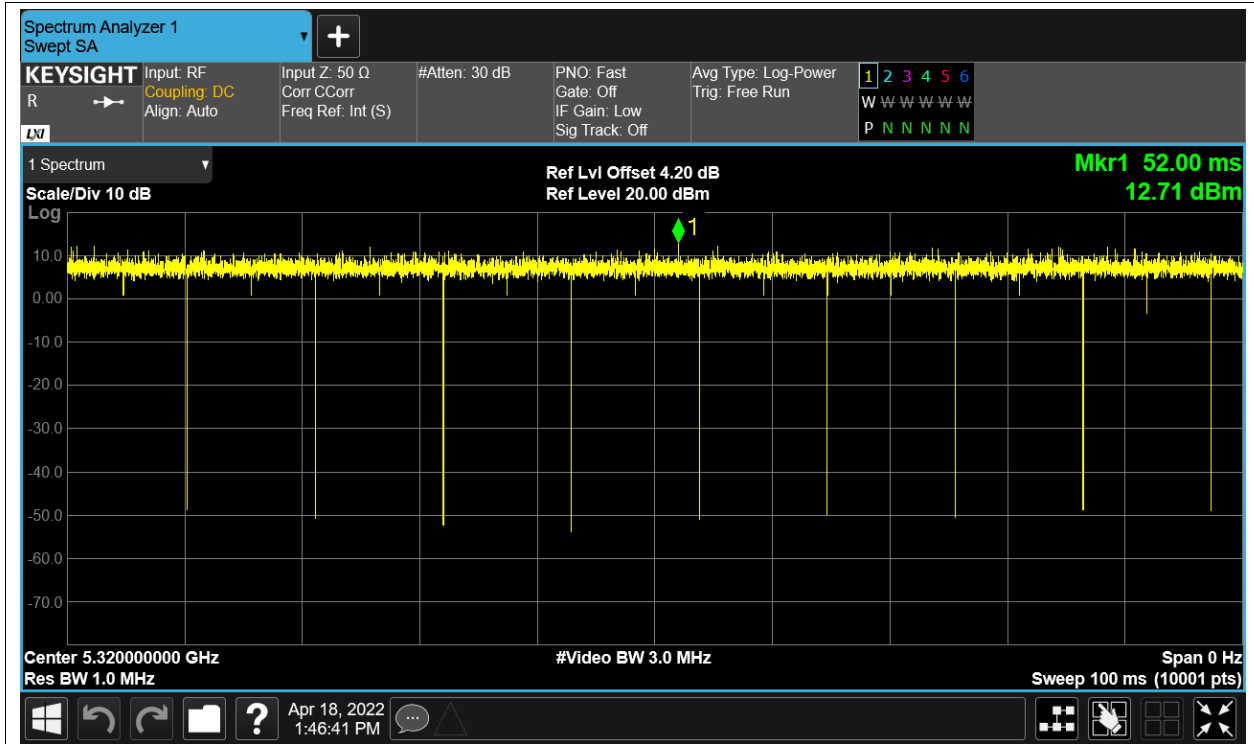
Duty Cycle NVNT ac20 5260MHz Sum



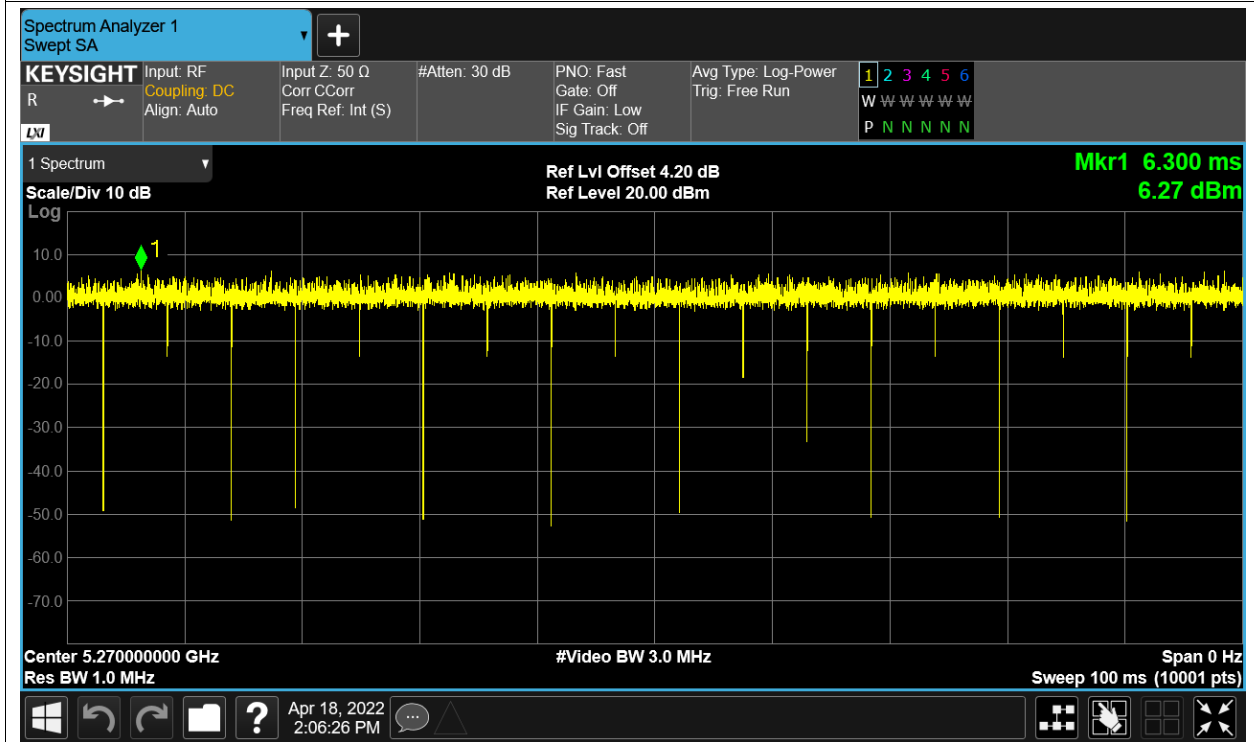
Duty Cycle NVNT ac20 5280MHz Sum



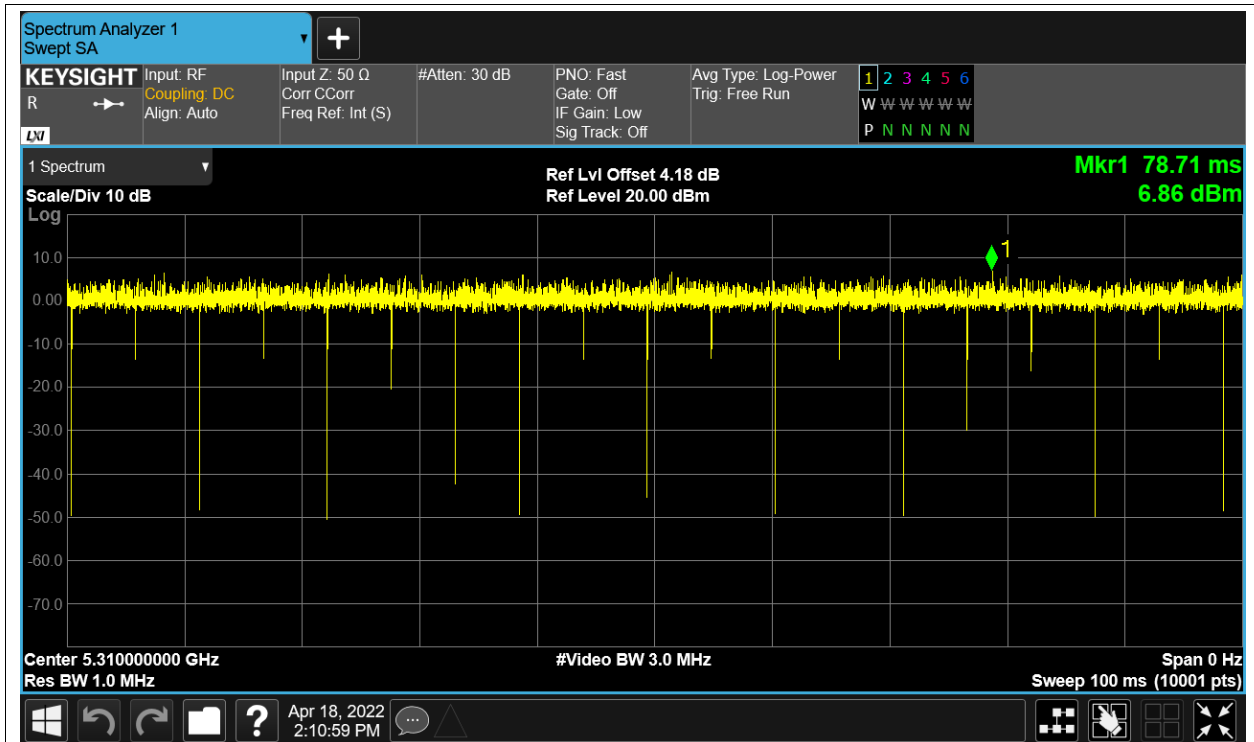
Duty Cycle NVNT ac20 5320MHz Sum



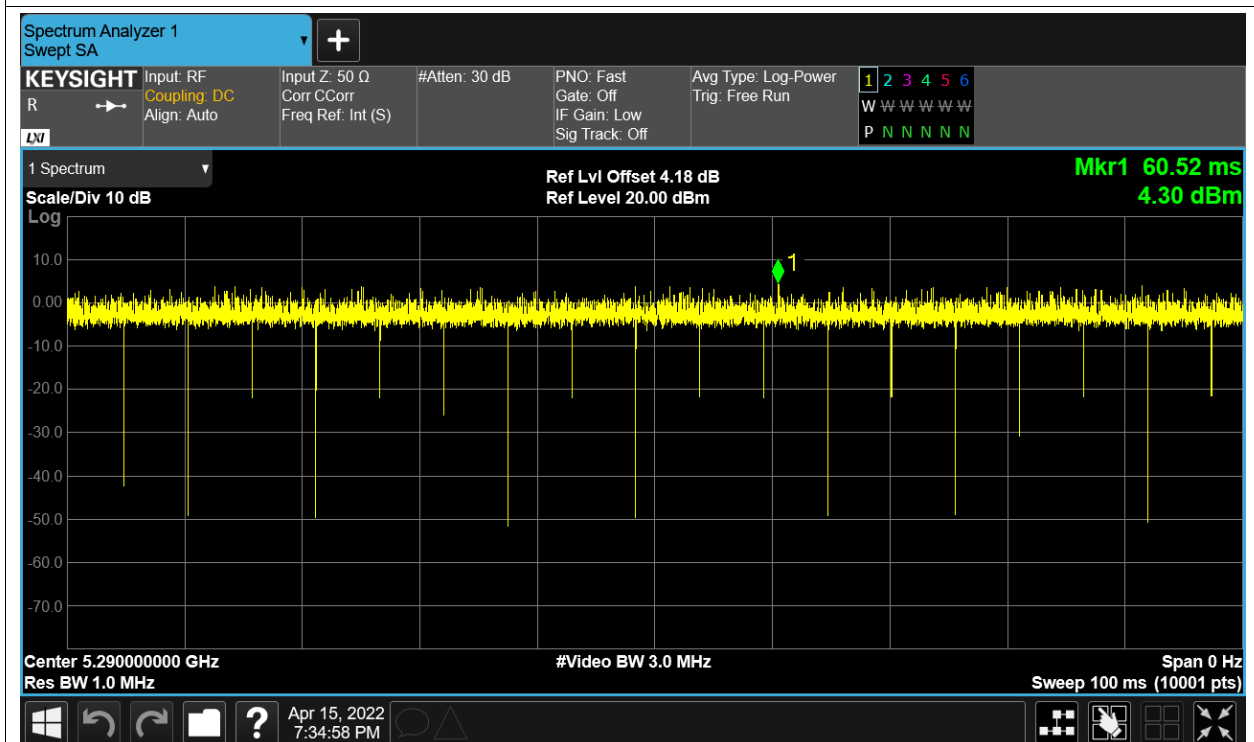
Duty Cycle NVNT ac40 5270MHz Sum



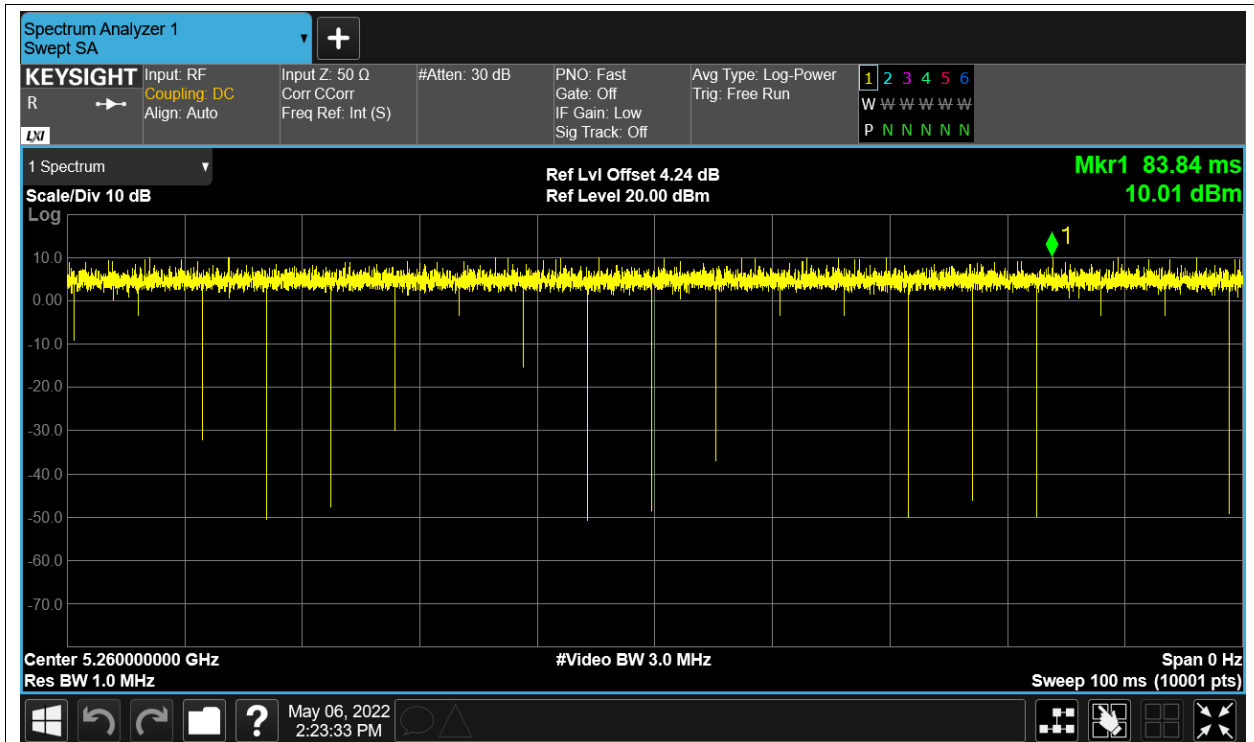
Duty Cycle NVNT ac40 5310MHz Sum



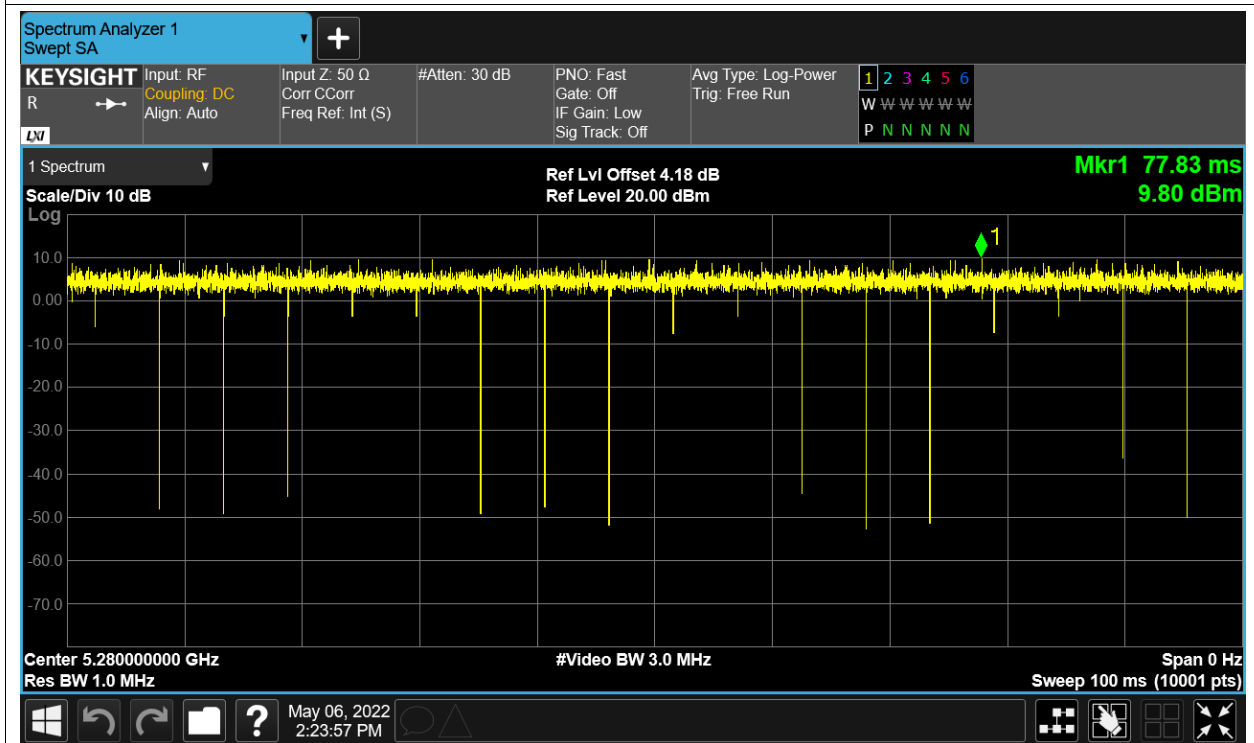
Duty Cycle NVNT ac80 5290MHz Sum



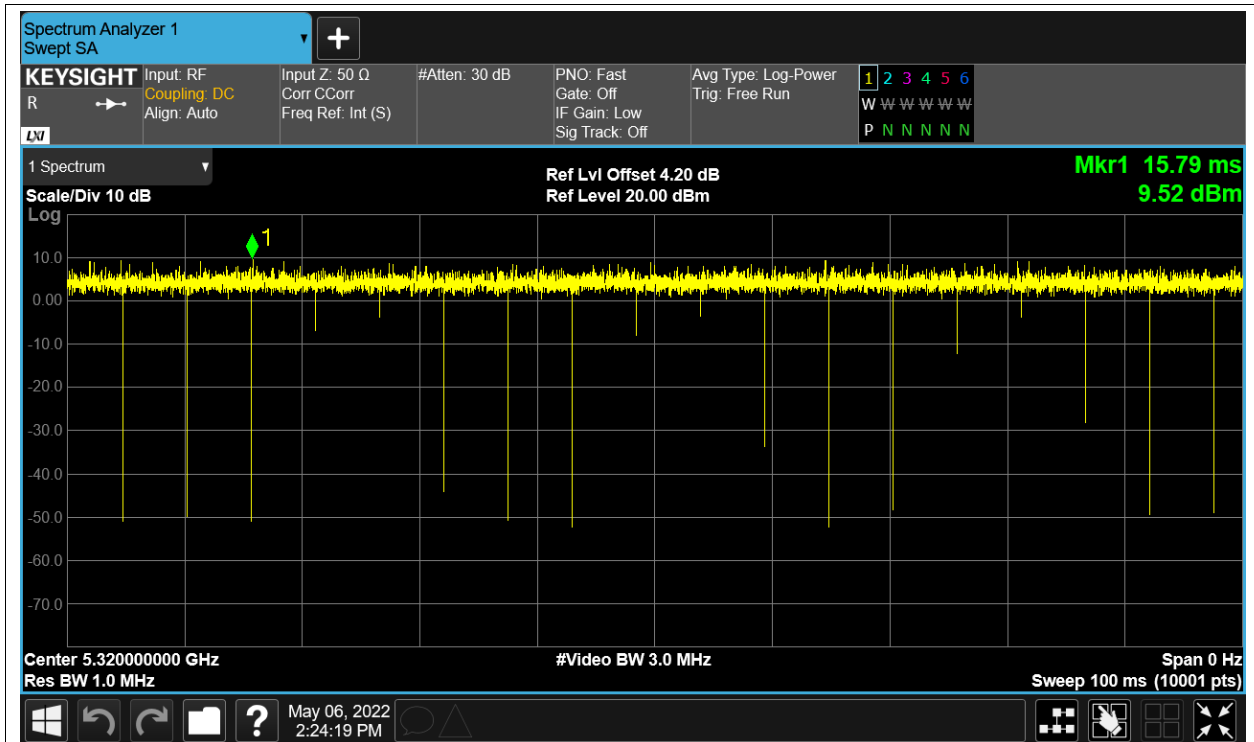
Duty Cycle NVNT ax20 5260MHz Sum



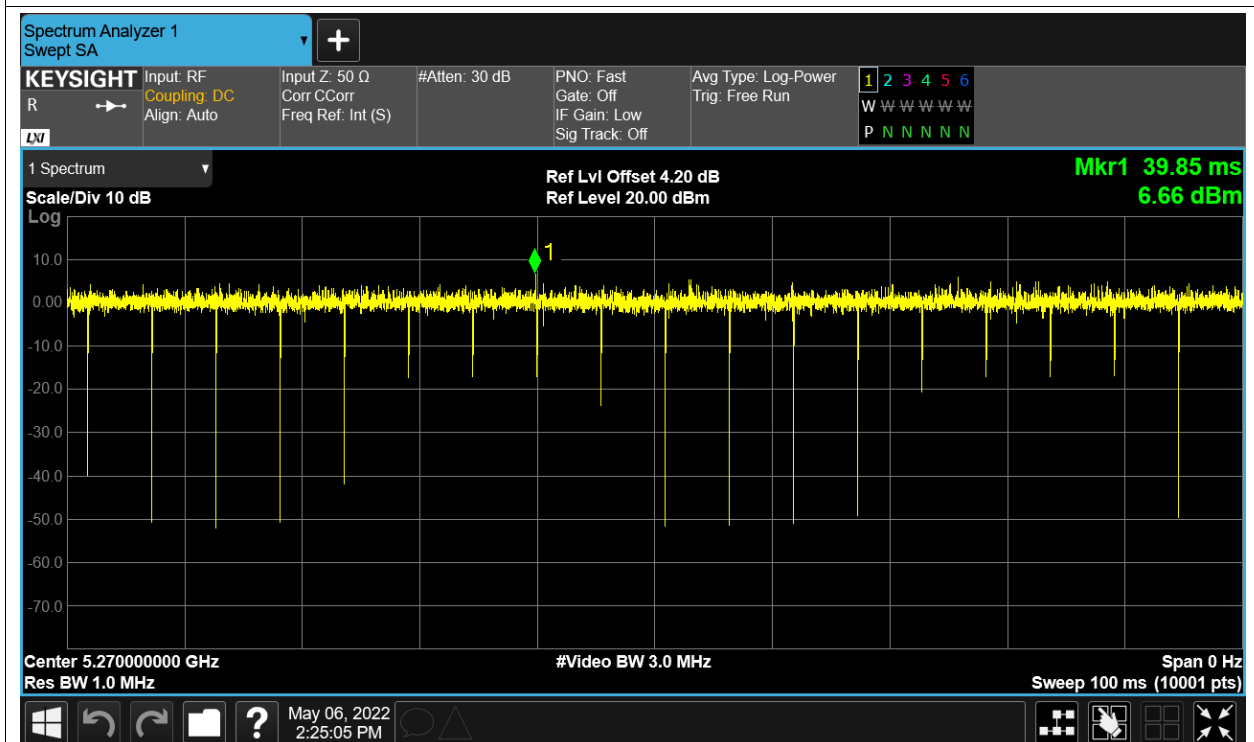
Duty Cycle NVNT ax20 5280MHz Sum



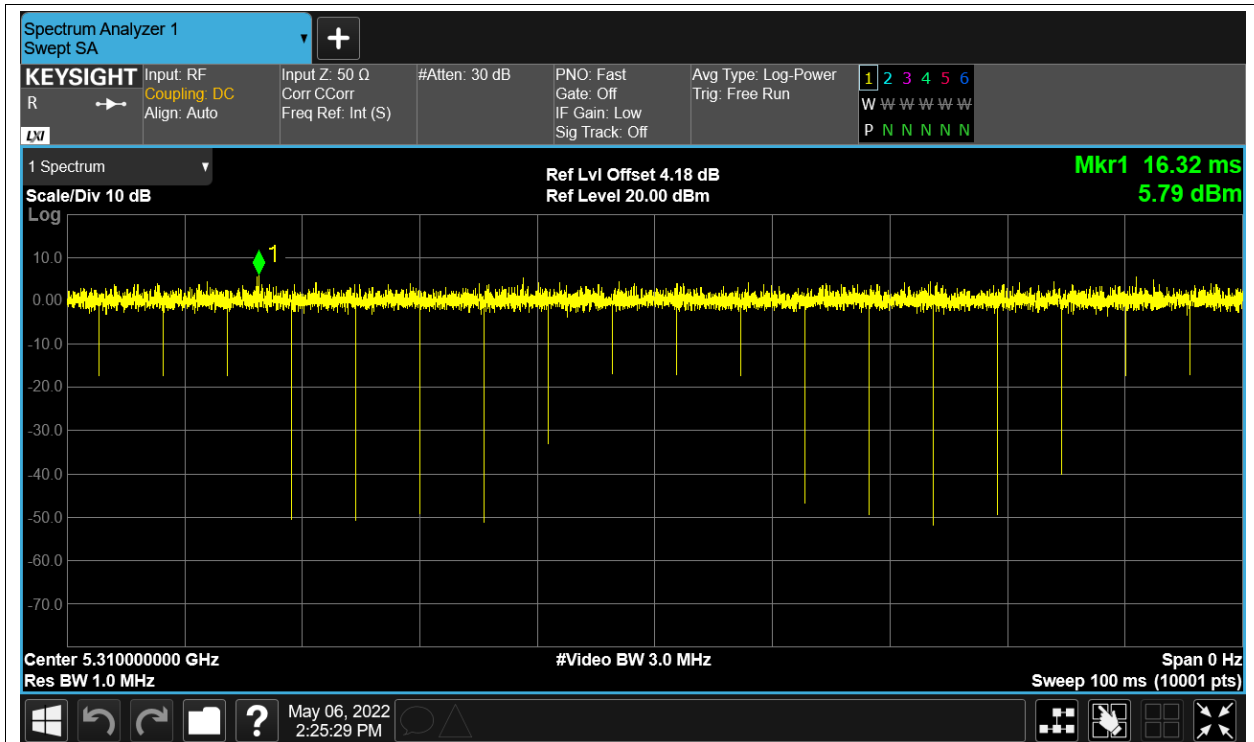
Duty Cycle NVNT ax20 5320MHz Sum



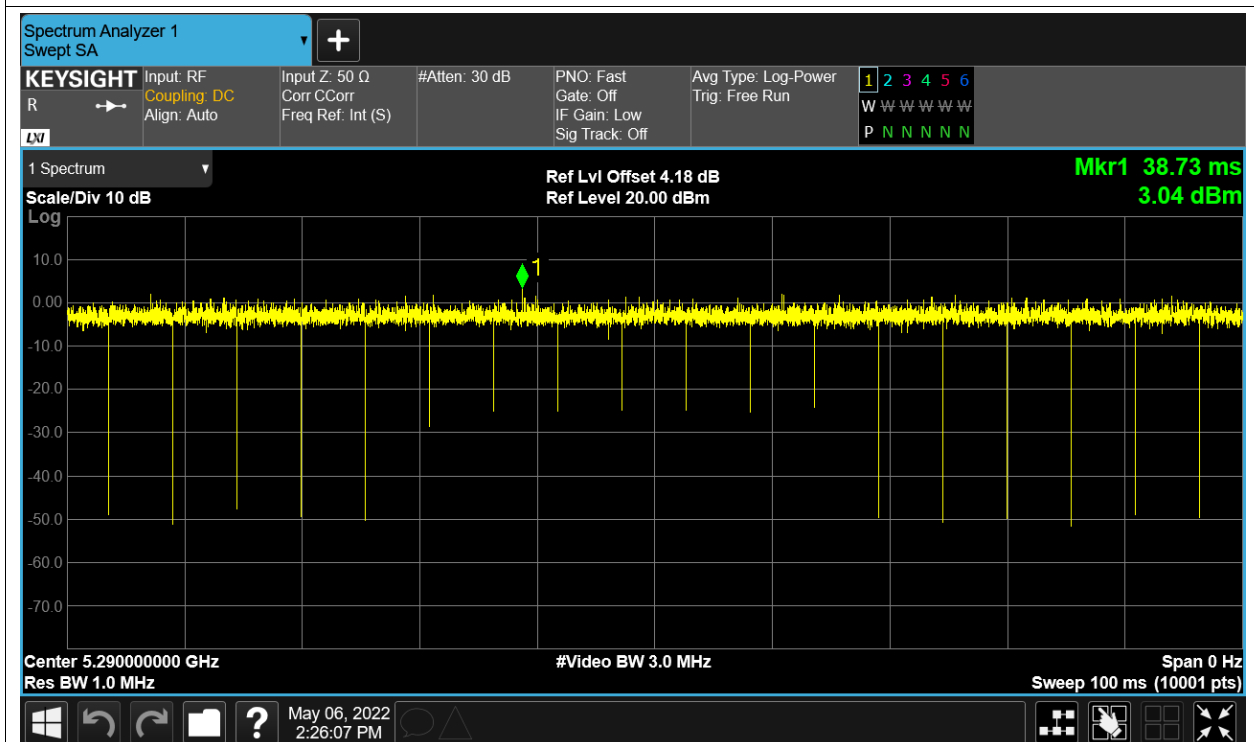
Duty Cycle NVNT ax40 5270MHz Sum



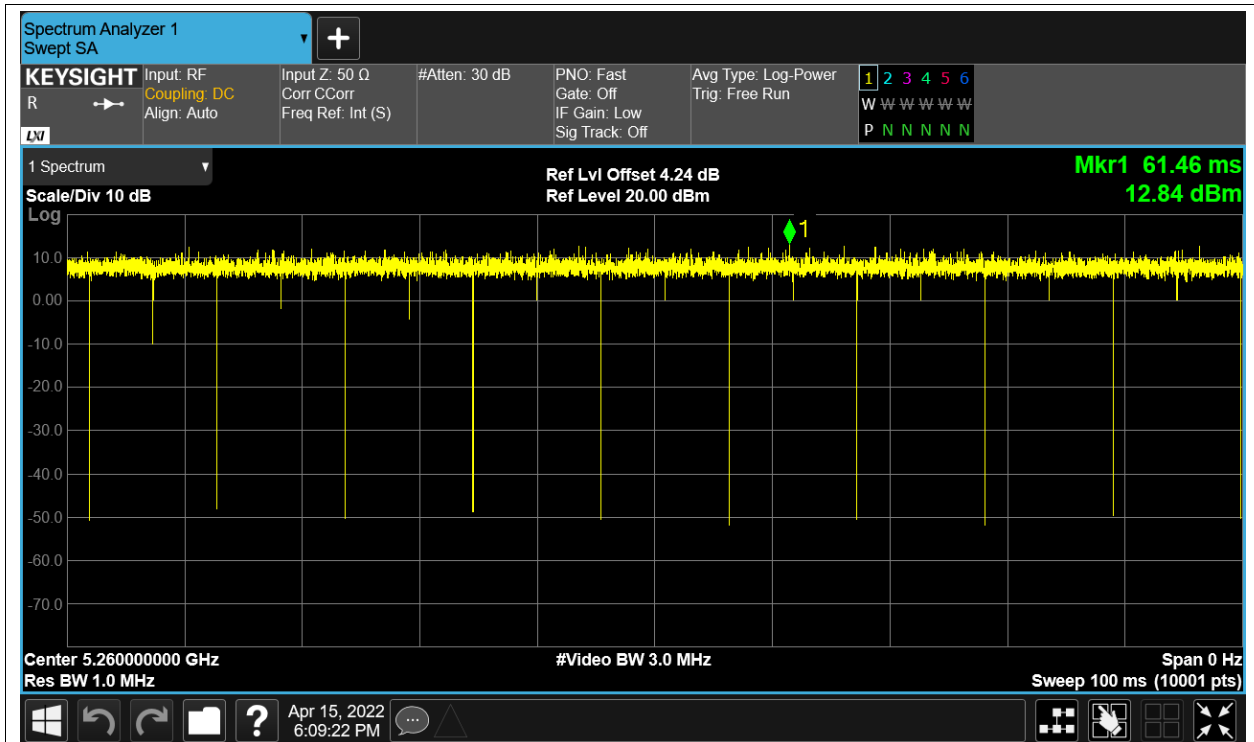
Duty Cycle NVNT ax40 5310MHz Sum



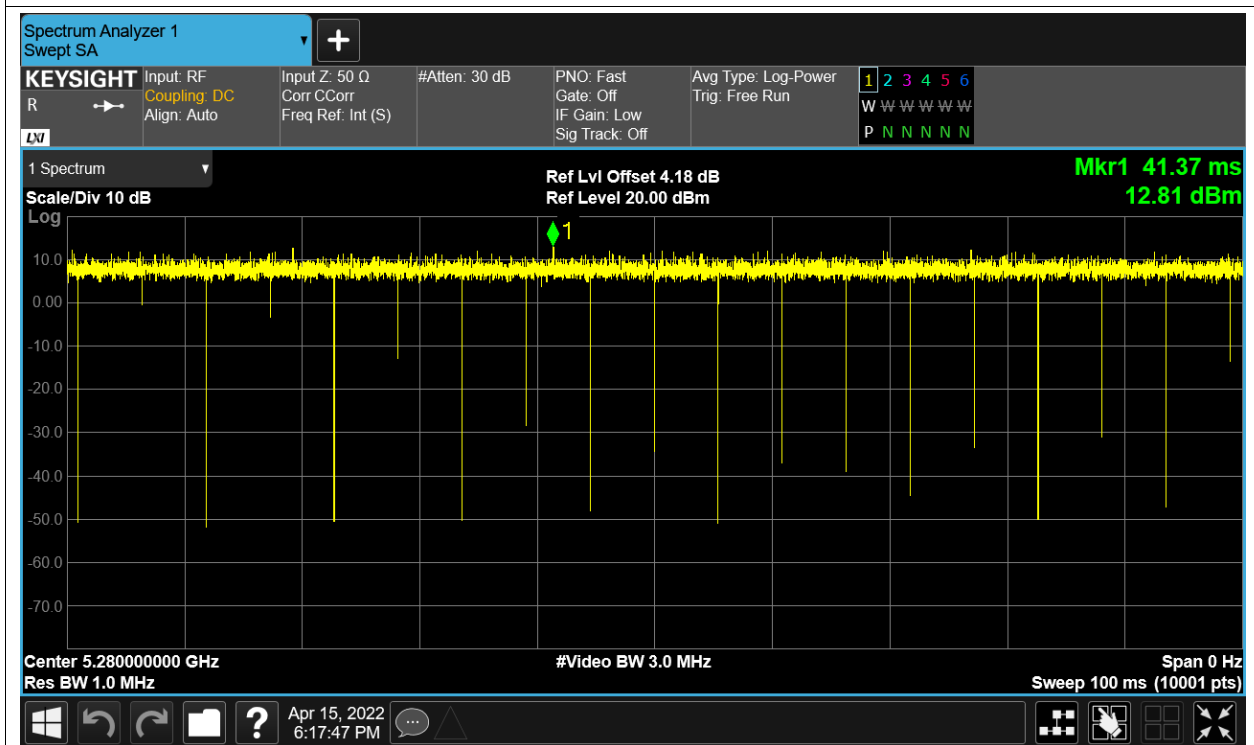
Duty Cycle NVNT ax80 5290MHz Sum



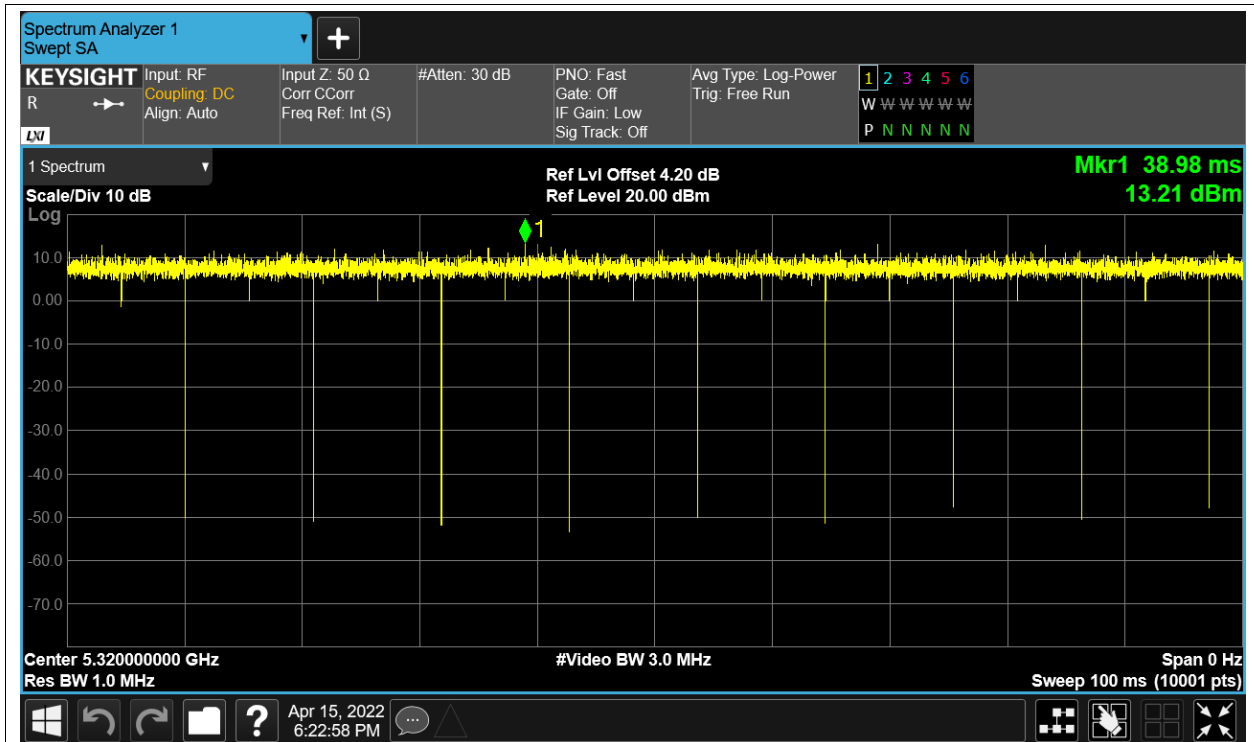
Duty Cycle NVNT n20 5260MHz Sum



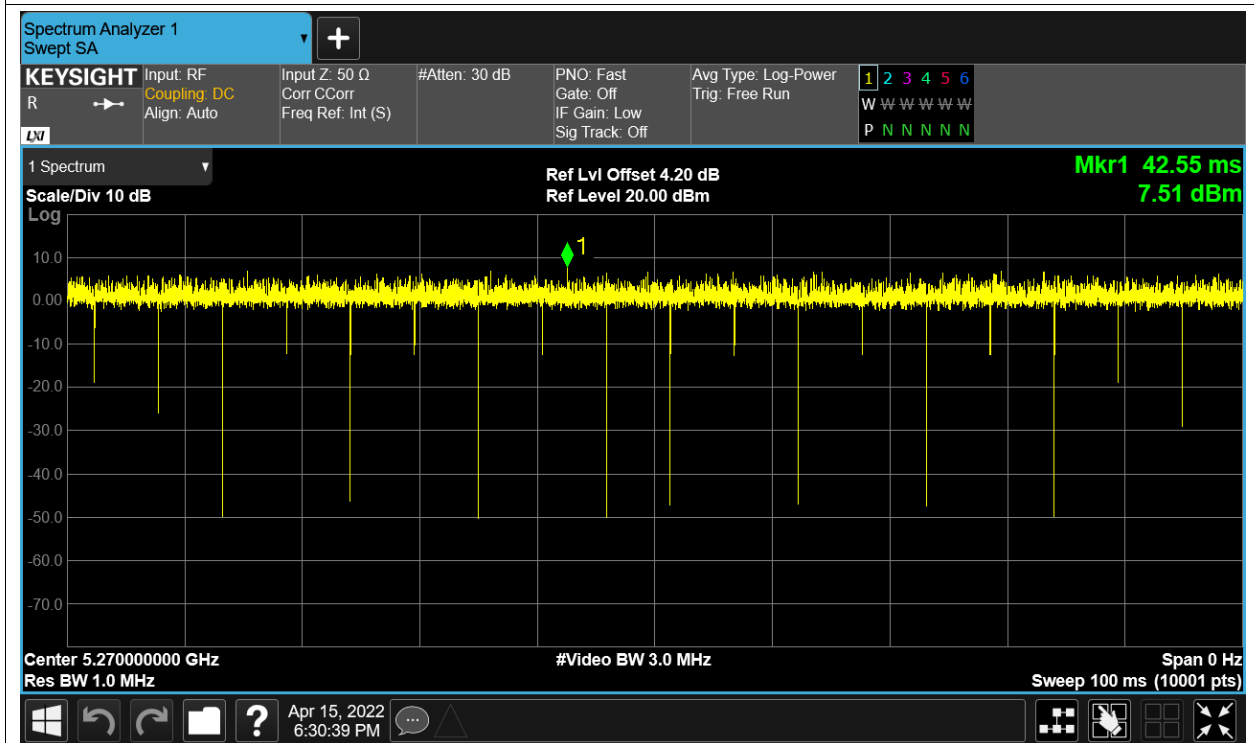
Duty Cycle NVNT n20 5280MHz Sum



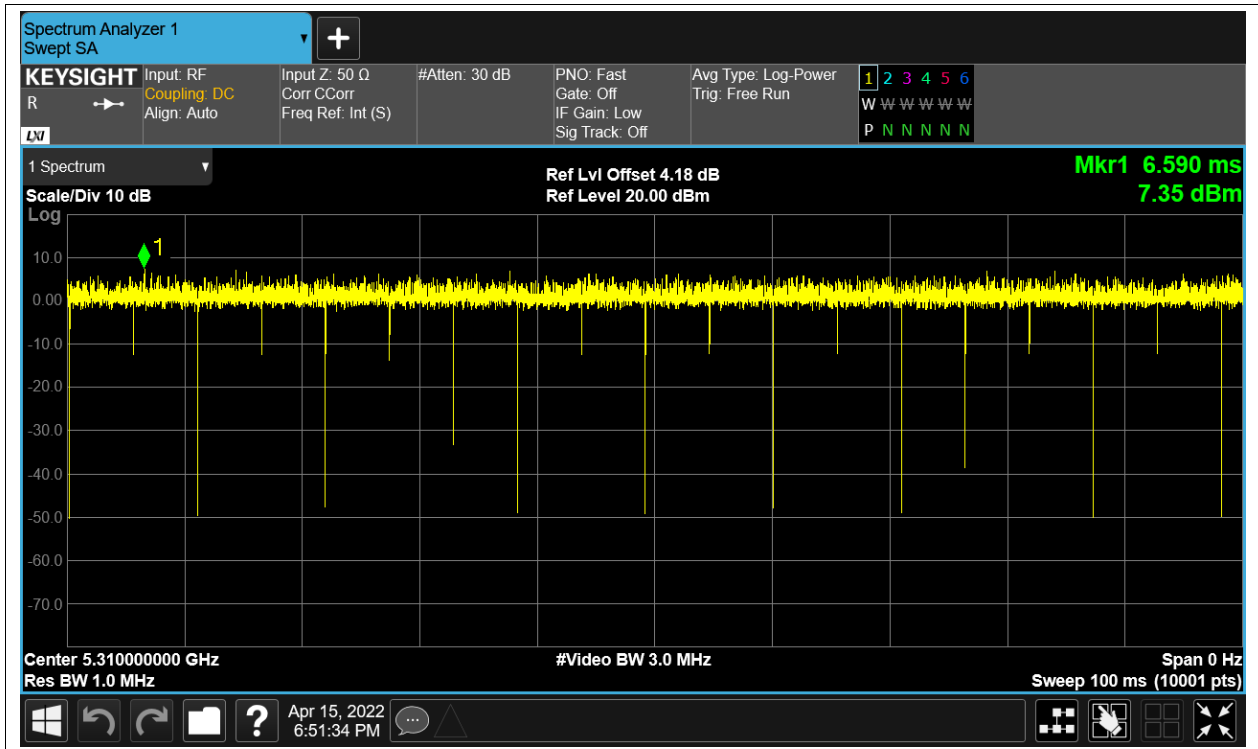
Duty Cycle NVNT n20 5320MHz Sum



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	15.58	0	15.58	24	Pass
NVNT	a	5280	Ant1	15.49	0	15.49	24	Pass
NVNT	a	5320	Ant1	15.89	0	15.89	23.88	Pass
NVNT	a	5260	Ant2	15.14	0	15.14	24	Pass
NVNT	a	5280	Ant2	15.76	0	15.76	24	Pass
NVNT	a	5320	Ant2	15.14	0	15.14	23.85	Pass
NVNT	ac20	5260	Ant1	15.48	0	15.48	24	Pass
NVNT	ac20	5260	Ant2	15.1	0	15.1	24	Pass
NVNT	ac20	5260	Sum	18.304	0	18.304	24	Pass
NVNT	ac20	5280	Ant1	15.49	0	15.49	24	Pass
NVNT	ac20	5280	Ant2	15.71	0	15.71	24	Pass
NVNT	ac20	5280	Sum	18.612	0	18.612	24	Pass
NVNT	ac20	5320	Ant1	15.84	0	15.84	24	Pass
NVNT	ac20	5320	Ant2	15.14	0	15.14	24	Pass
NVNT	ac20	5320	Sum	18.514	0	18.514	24	Pass
NVNT	ac40	5270	Ant1	15.17	0	15.17	24	Pass
NVNT	ac40	5270	Ant2	15.26	0	15.26	24	Pass
NVNT	ac40	5270	Sum	18.226	0	18.226	24	Pass
NVNT	ac40	5310	Ant1	15.55	0	15.55	24	Pass
NVNT	ac40	5310	Ant2	15.2	0	15.2	24	Pass
NVNT	ac40	5310	Sum	18.389	0	18.389	24	Pass
NVNT	ac80	5290	Ant1	14.64	0	14.64	24	Pass
NVNT	ac80	5290	Ant2	14.53	0	14.53	24	Pass
NVNT	ac80	5290	Sum	17.596	0	17.596	24	Pass
NVNT	ax20	5260	Ant1	12.61	0	12.61	24	Pass
NVNT	ax20	5260	Ant2	12.53	0	12.53	24	Pass
NVNT	ax20	5260	Sum	15.58	0	15.58	24	Pass
NVNT	ax20	5280	Ant1	12.14	0	12.14	24	Pass
NVNT	ax20	5280	Ant2	12.26	0	12.26	24	Pass
NVNT	ax20	5280	Sum	15.211	0	15.211	24	Pass
NVNT	ax20	5320	Ant1	13.07	0	13.07	24	Pass
NVNT	ax20	5320	Ant2	12.76	0	12.76	24	Pass
NVNT	ax20	5320	Sum	15.928	0	15.928	24	Pass
NVNT	ax40	5270	Ant1	11.74	0	11.74	24	Pass
NVNT	ax40	5270	Ant2	11.91	0	11.91	24	Pass
NVNT	ax40	5270	Sum	14.836	0	14.836	24	Pass
NVNT	ax40	5310	Ant1	12.36	0	12.36	24	Pass
NVNT	ax40	5310	Ant2	12.14	0	12.14	24	Pass
NVNT	ax40	5310	Sum	15.262	0	15.262	24	Pass
NVNT	ax80	5290	Ant1	11.49	0	11.49	24	Pass

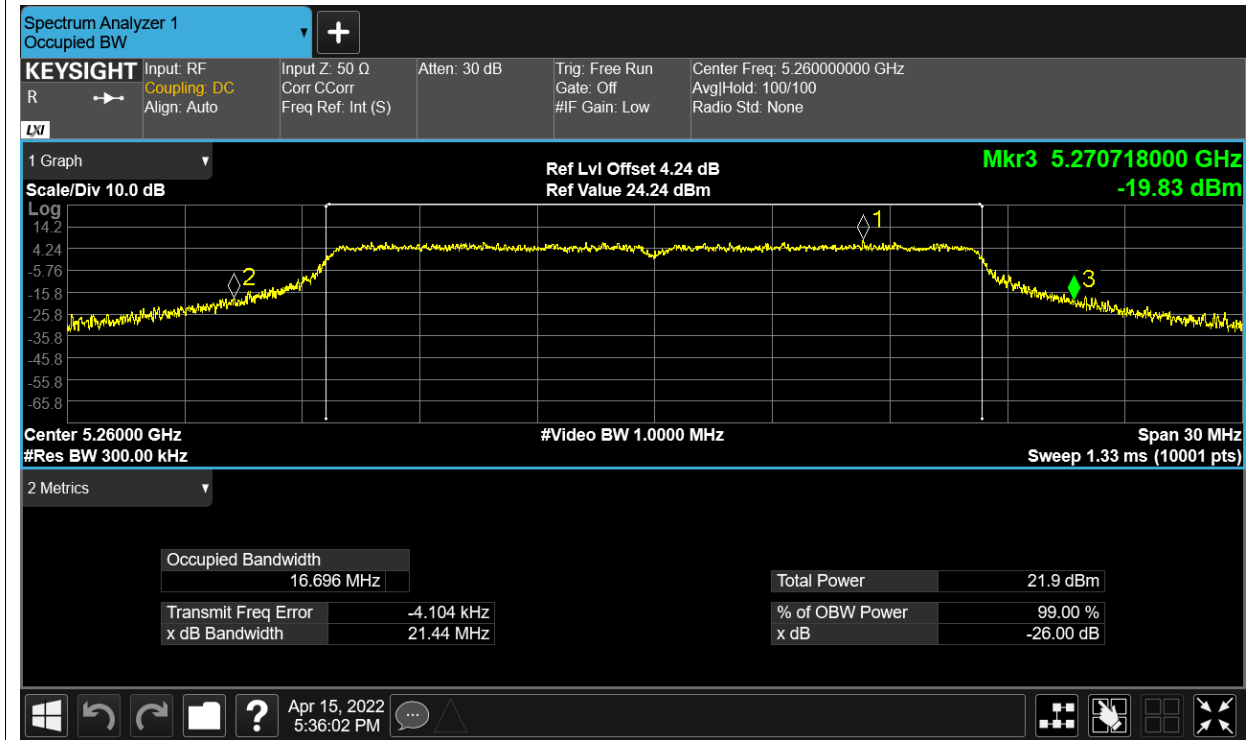
NVNT	ax80	5290	Ant2	11.38	0	11.38	24	Pass
NVNT	ax80	5290	Sum	14.446	0	14.446	24	Pass
NVNT	n20	5260	Ant1	15.32	0	15.32	24	Pass
NVNT	n20	5260	Ant2	15.15	0	15.15	24	Pass
NVNT	n20	5260	Sum	18.246	0	18.246	24	Pass
NVNT	n20	5280	Ant1	15.39	0	15.39	24	Pass
NVNT	n20	5280	Ant2	15.74	0	15.74	24	Pass
NVNT	n20	5280	Sum	18.579	0	18.579	24	Pass
NVNT	n20	5320	Ant1	15.76	0	15.76	24	Pass
NVNT	n20	5320	Ant2	15.15	0	15.15	24	Pass
NVNT	n20	5320	Sum	18.476	0	18.476	24	Pass
NVNT	n40	5270	Ant1	15.13	0	15.13	24	Pass
NVNT	n40	5270	Ant2	15.23	0	15.23	24	Pass
NVNT	n40	5270	Sum	18.191	0	18.191	24	Pass
NVNT	n40	5310	Ant1	15.55	0	15.55	24	Pass
NVNT	n40	5310	Ant2	15.32	0	15.32	24	Pass
NVNT	n40	5310	Sum	18.447	0	18.447	24	Pass

-26dB Bandwidth

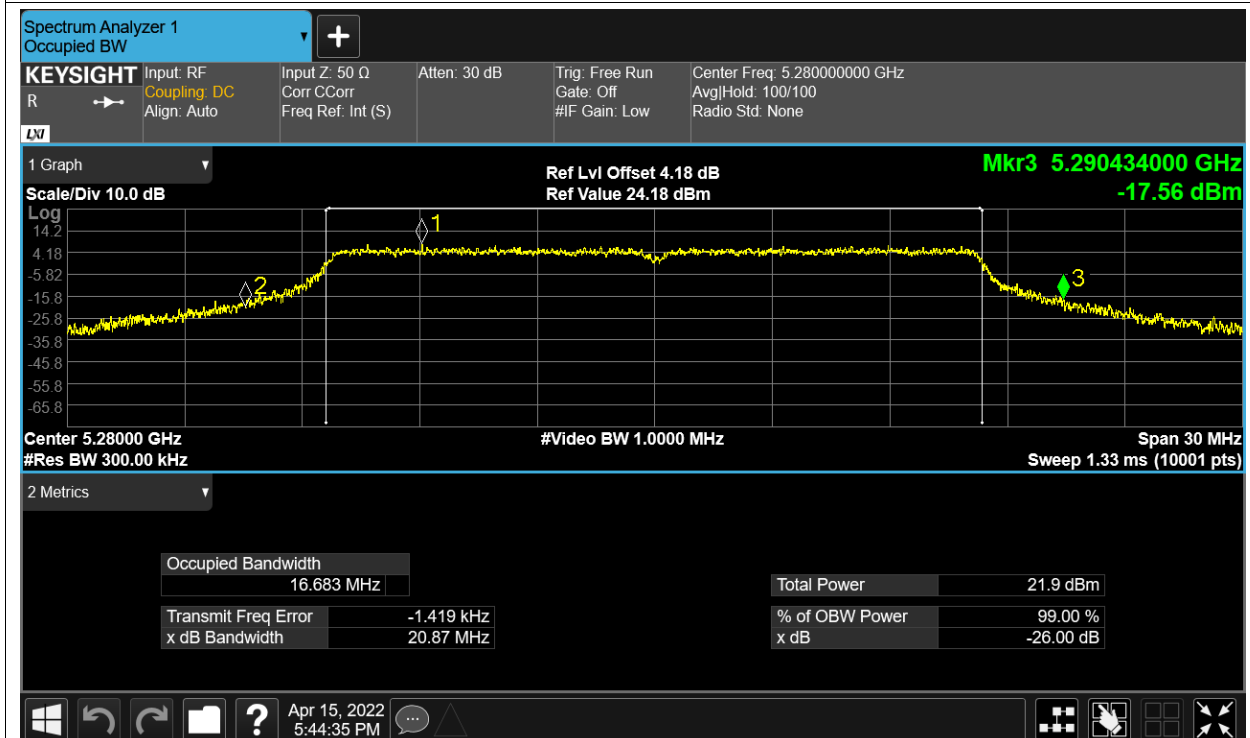
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	21.444
NVNT	a	5280	Ant1	20.871
NVNT	a	5320	Ant1	19.395
NVNT	a	5260	Ant2	21.682
NVNT	a	5280	Ant2	21.18
NVNT	a	5320	Ant2	19.255
NVNT	ac20	5260	Ant1	20.196
NVNT	ac20	5260	Ant2	20.266
NVNT	ac20	5280	Ant1	20.587
NVNT	ac20	5280	Ant2	20.598
NVNT	ac20	5320	Ant1	20.733
NVNT	ac20	5320	Ant2	20.181
NVNT	ac40	5270	Ant1	39.249
NVNT	ac40	5270	Ant2	38.87
NVNT	ac40	5310	Ant1	39.037
NVNT	ac40	5310	Ant2	39.008
NVNT	ac80	5290	Ant1	79.918
NVNT	ac80	5290	Ant2	79.886
NVNT	ax20	5260	Ant1	21.427
NVNT	ax20	5260	Ant2	20.711
NVNT	ax20	5280	Ant1	20.983
NVNT	ax20	5280	Ant2	20.768
NVNT	ax20	5320	Ant1	20.67
NVNT	ax20	5320	Ant2	20.93
NVNT	ax40	5270	Ant1	39.82
NVNT	ax40	5270	Ant2	40.174
NVNT	ax40	5310	Ant1	39.99
NVNT	ax40	5310	Ant2	40.09
NVNT	ax80	5290	Ant1	80.466
NVNT	ax80	5290	Ant2	80.318
NVNT	n20	5260	Ant1	20.926
NVNT	n20	5260	Ant2	19.985
NVNT	n20	5280	Ant1	20.789
NVNT	n20	5280	Ant2	20.501
NVNT	n20	5320	Ant1	20.853
NVNT	n20	5320	Ant2	20.445
NVNT	n40	5270	Ant1	38.914
NVNT	n40	5270	Ant2	39.175
NVNT	n40	5310	Ant1	38.962
NVNT	n40	5310	Ant2	39.666

Test Graphs

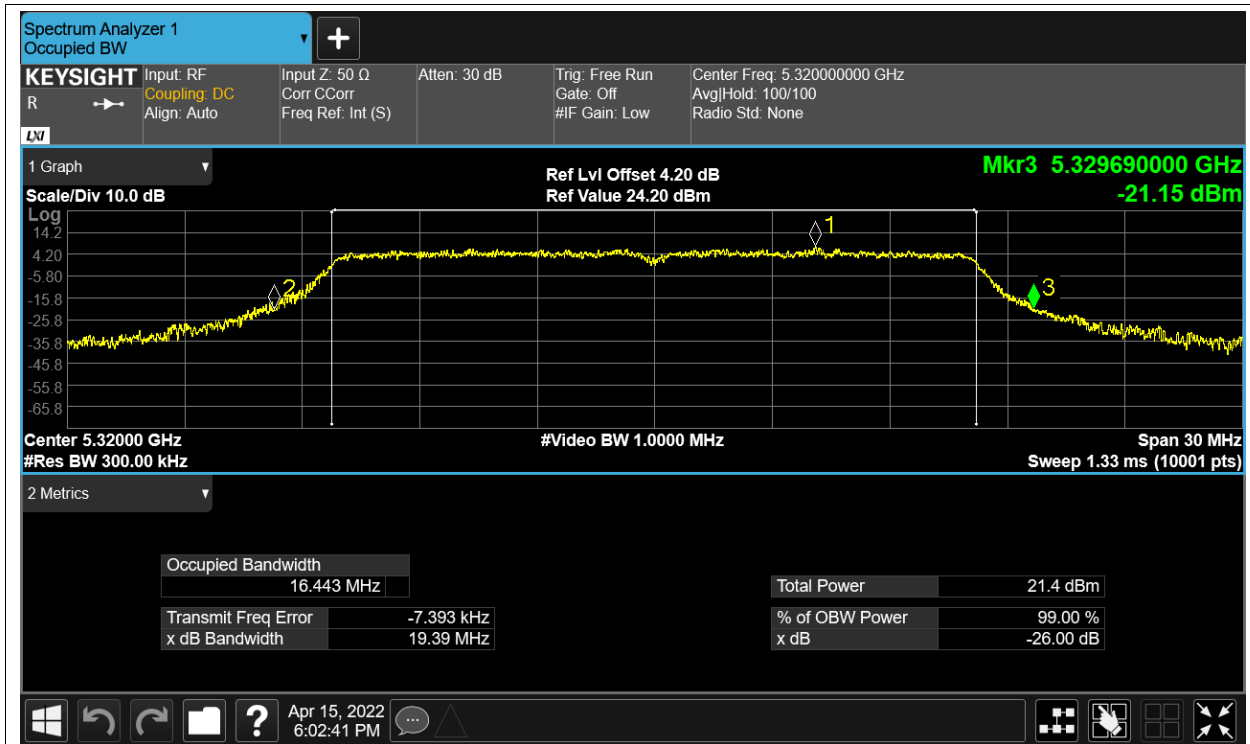
-26dB Bandwidth NVNT a 5260MHz Ant1



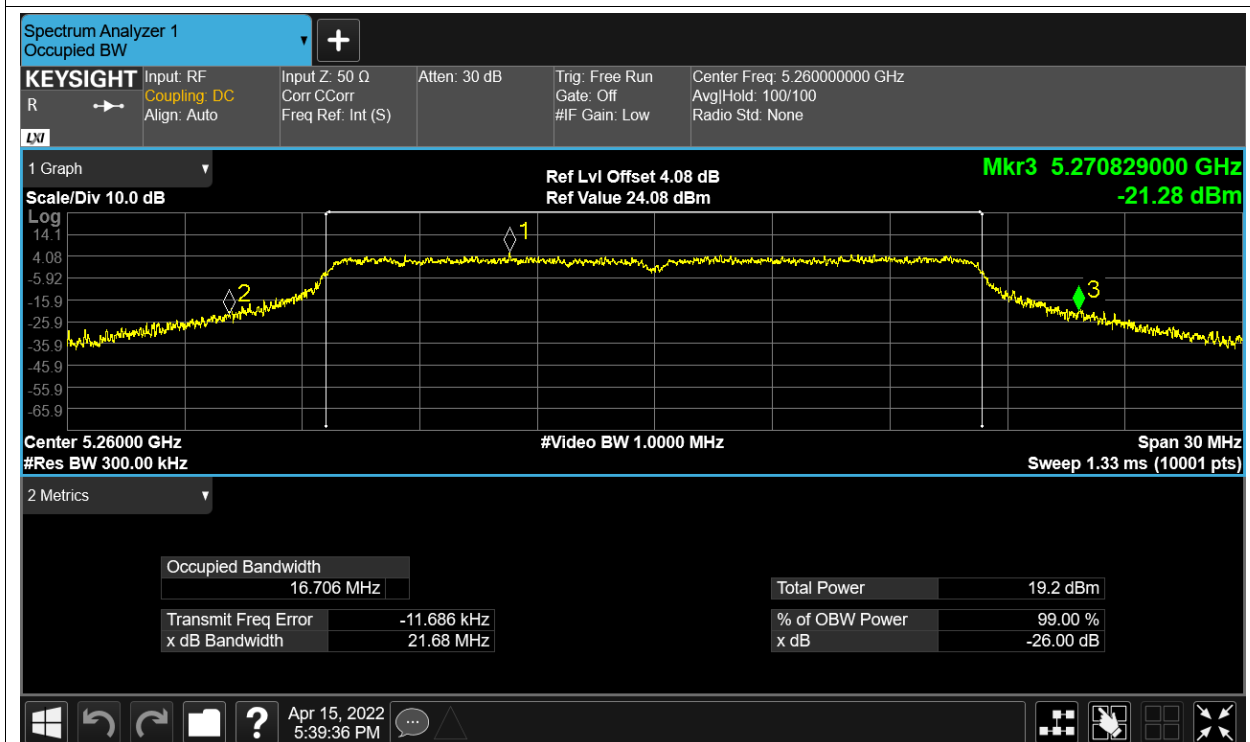
-26dB Bandwidth NVNT a 5280MHz Ant1



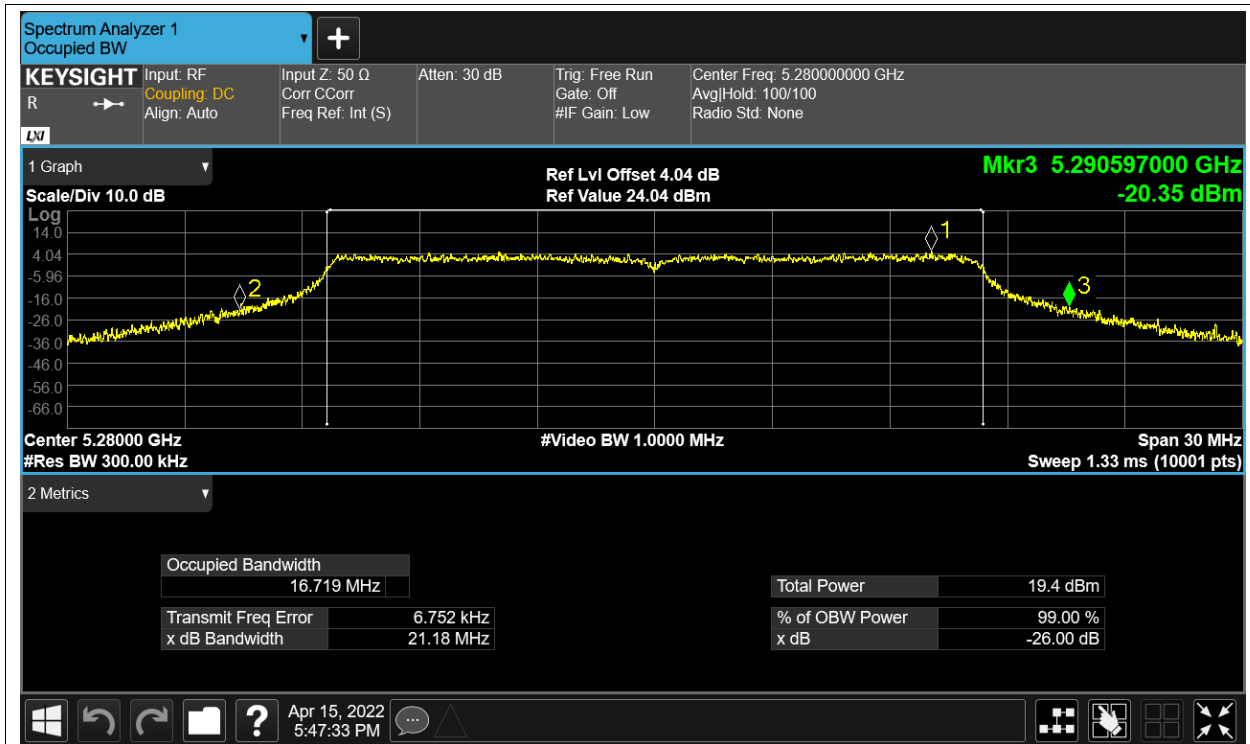
-26dB Bandwidth NVNT a 5320MHz Ant1



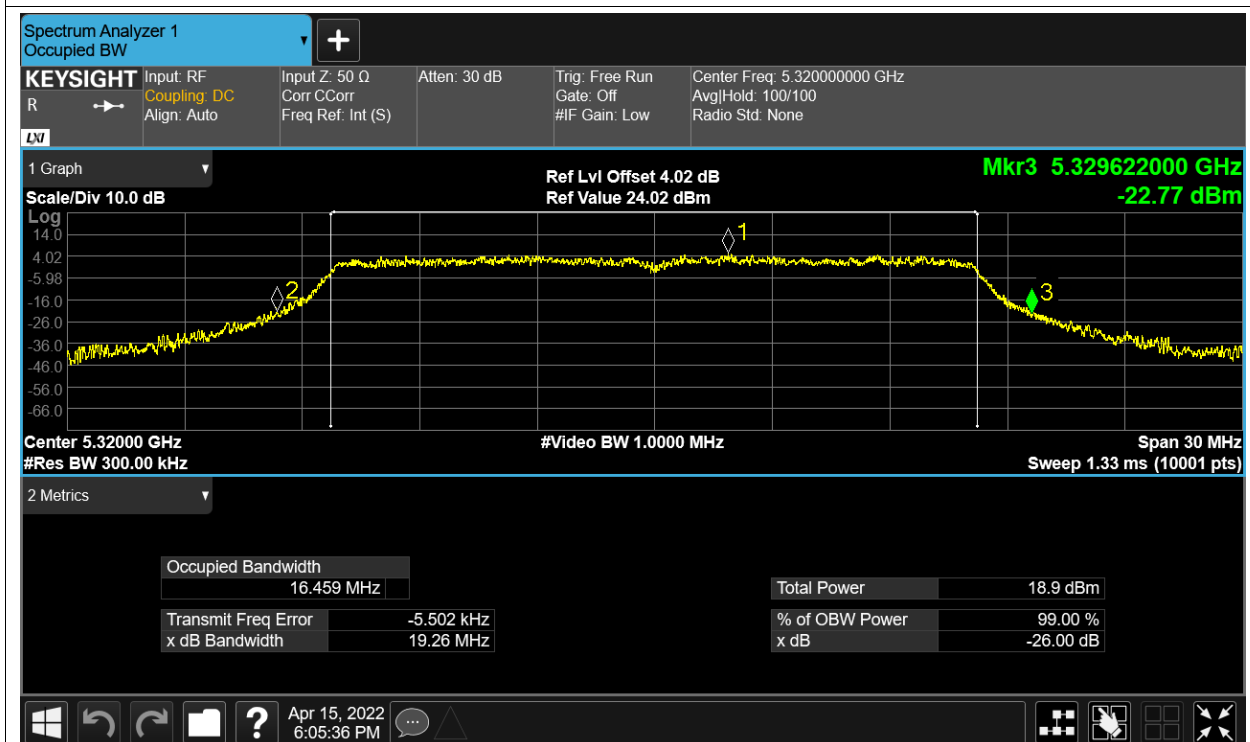
-26dB Bandwidth NVNT a 5260MHz Ant2



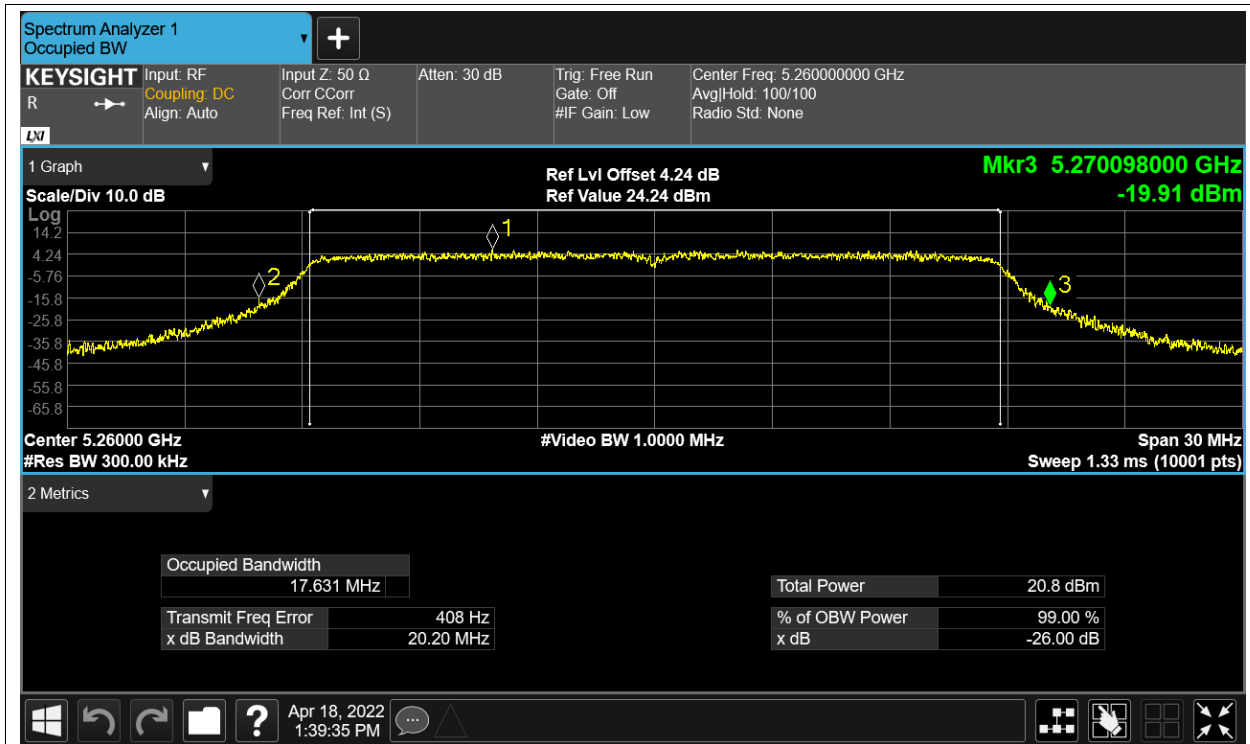
-26dB Bandwidth NVNT a 5280MHz Ant2



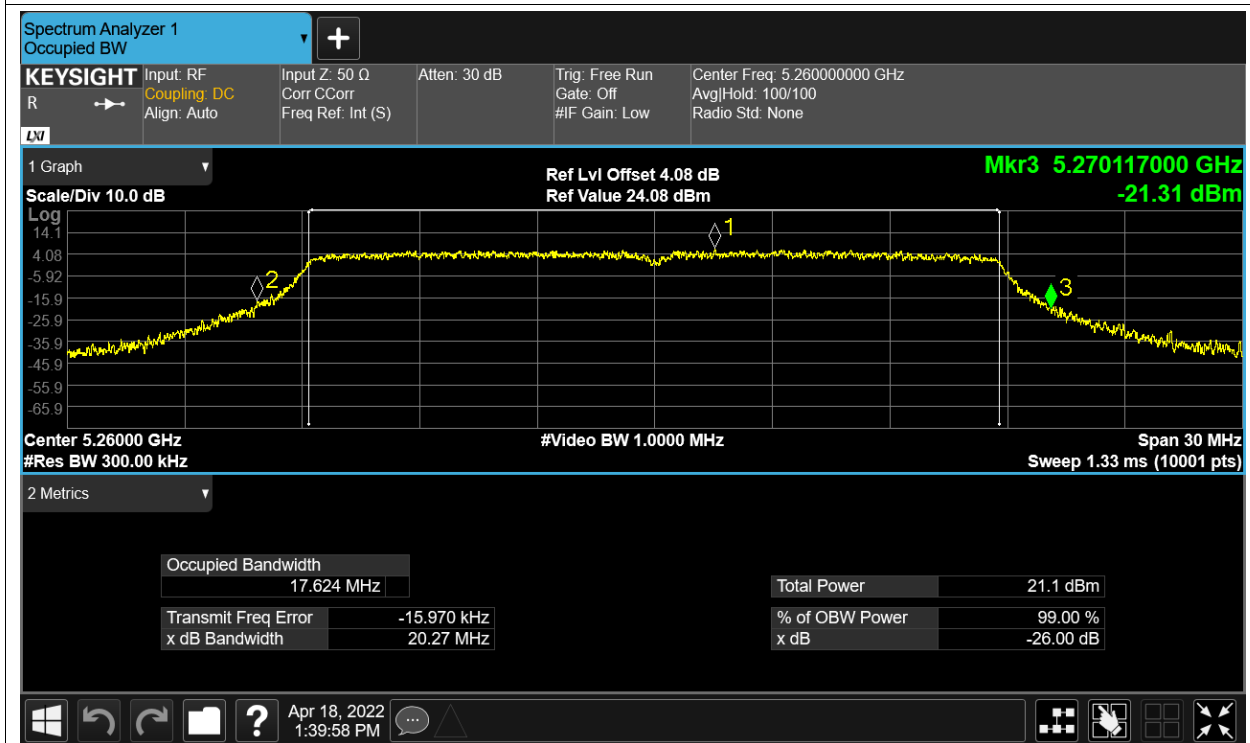
-26dB Bandwidth NVNT a 5320MHz Ant2



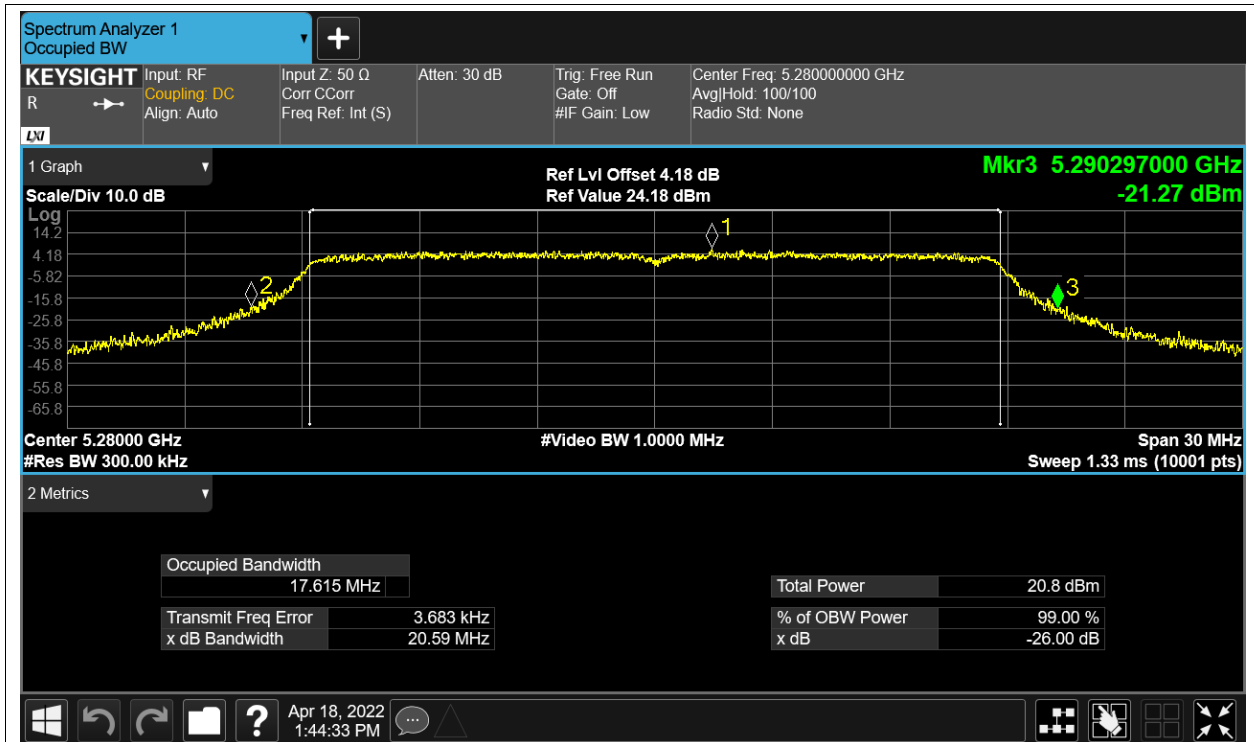
-26dB Bandwidth NVNT ac20 5260MHz Ant1



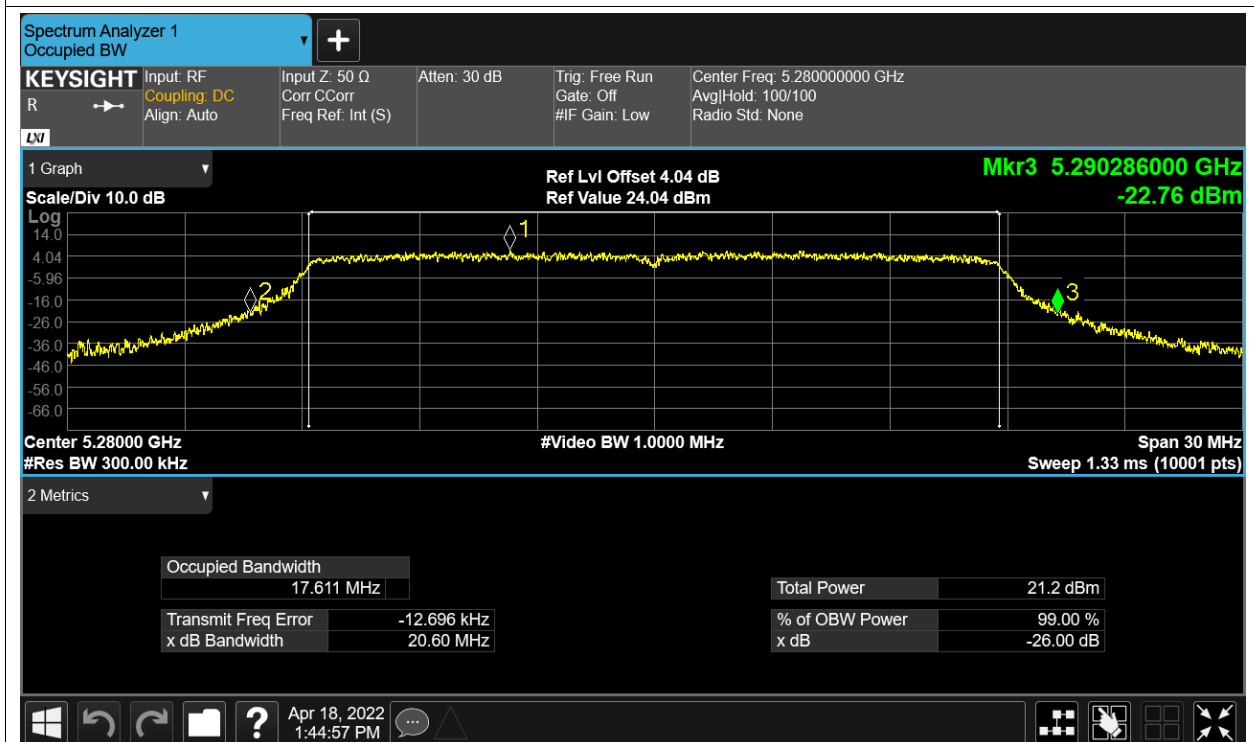
-26dB Bandwidth NVNT ac20 5260MHz Ant2



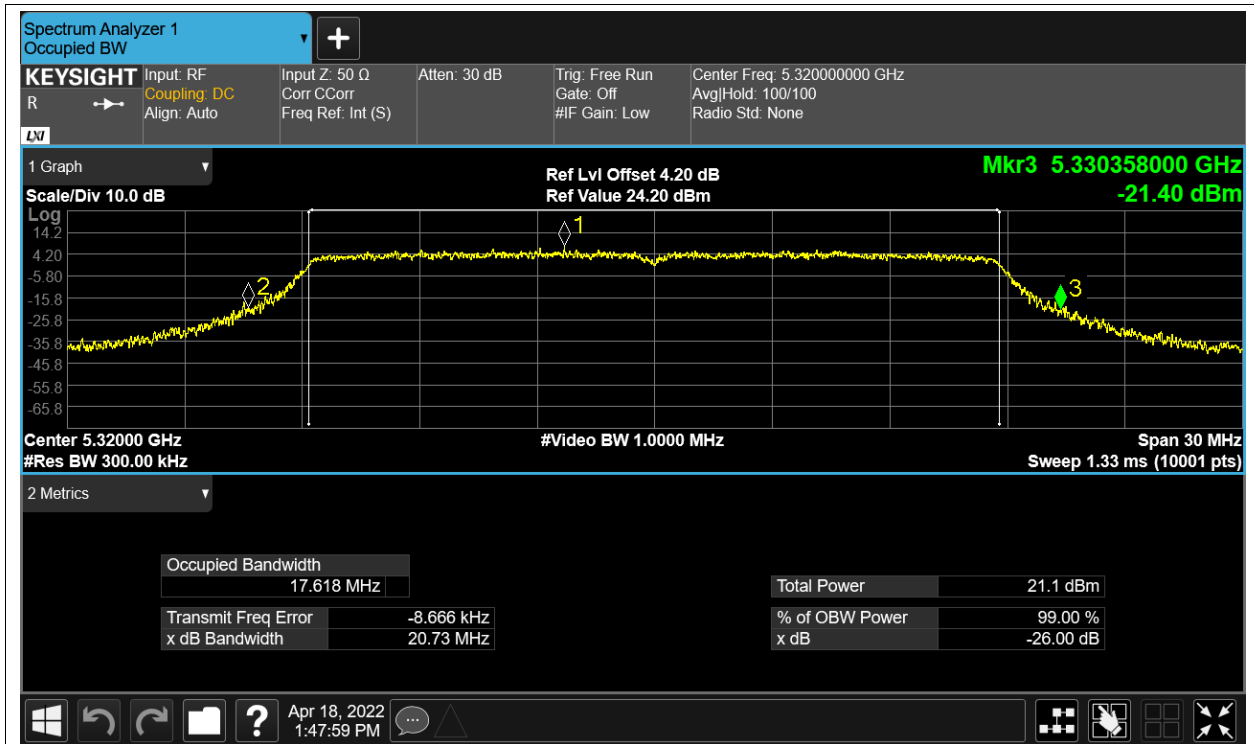
-26dB Bandwidth NVNT ac20 5280MHz Ant1



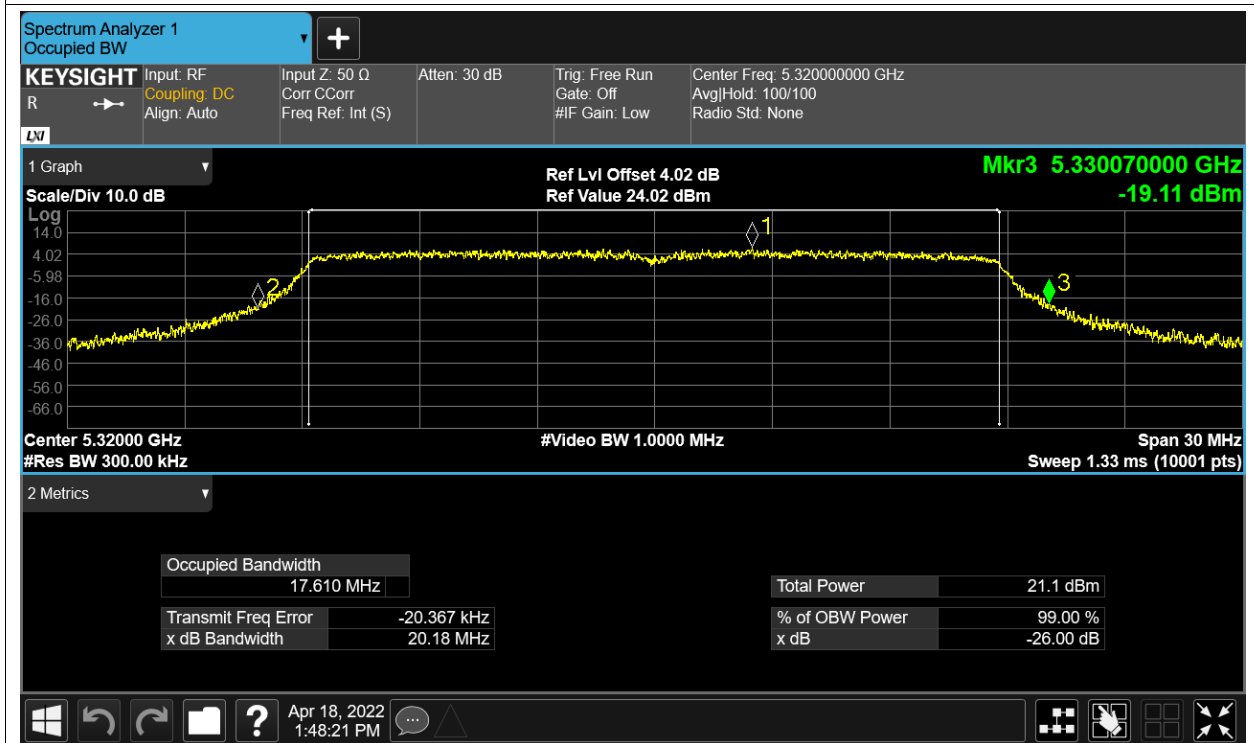
-26dB Bandwidth NVNT ac20 5280MHz Ant2



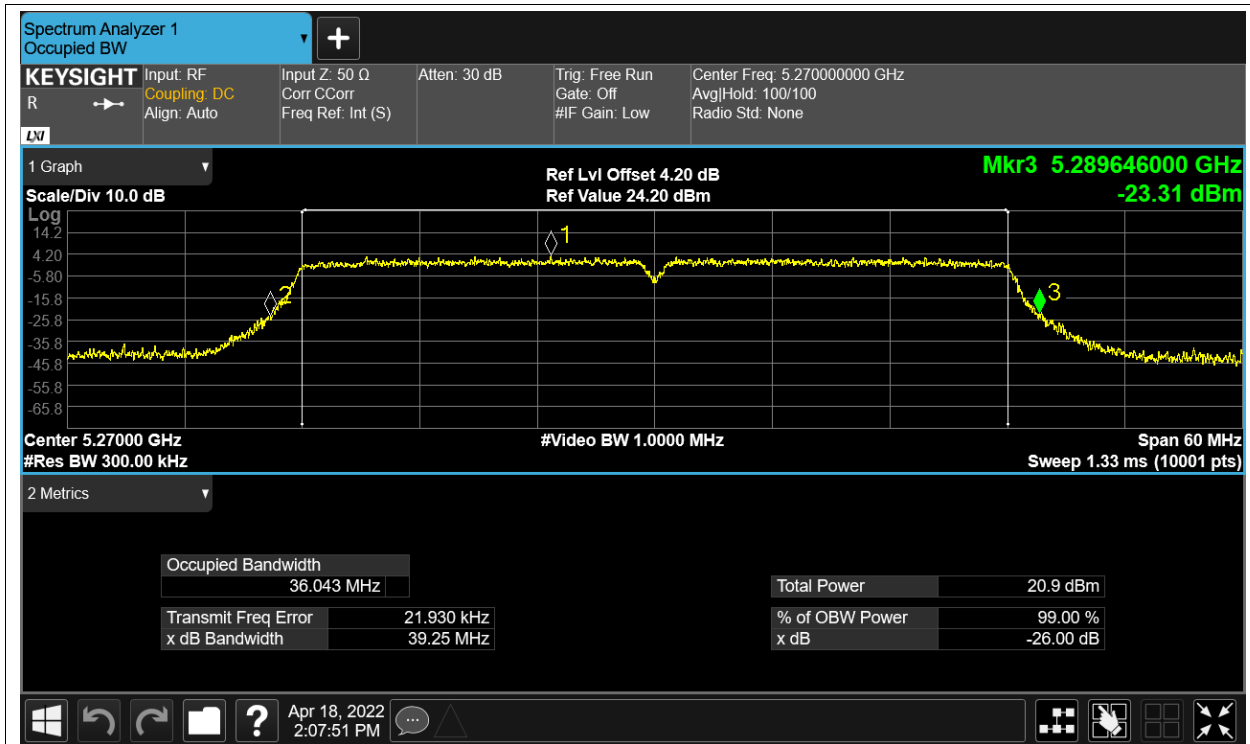
-26dB Bandwidth NVNT ac20 5320MHz Ant1



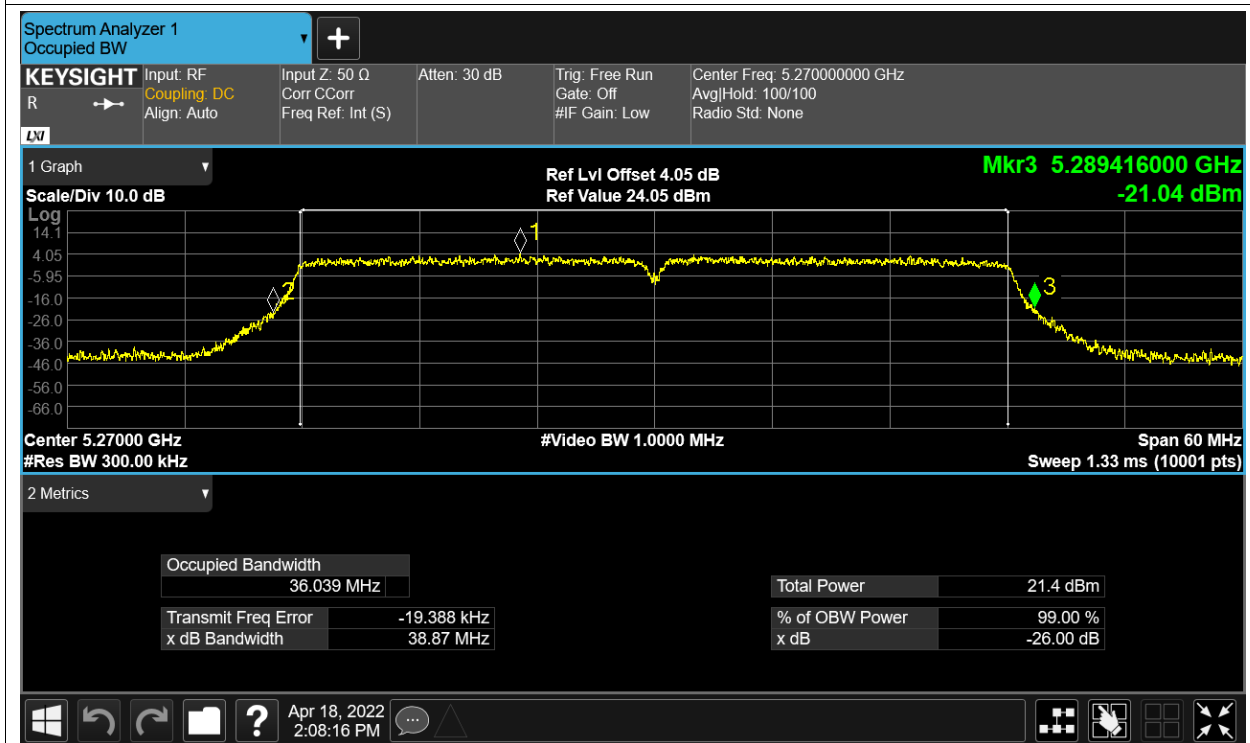
-26dB Bandwidth NVNT ac20 5320MHz Ant2



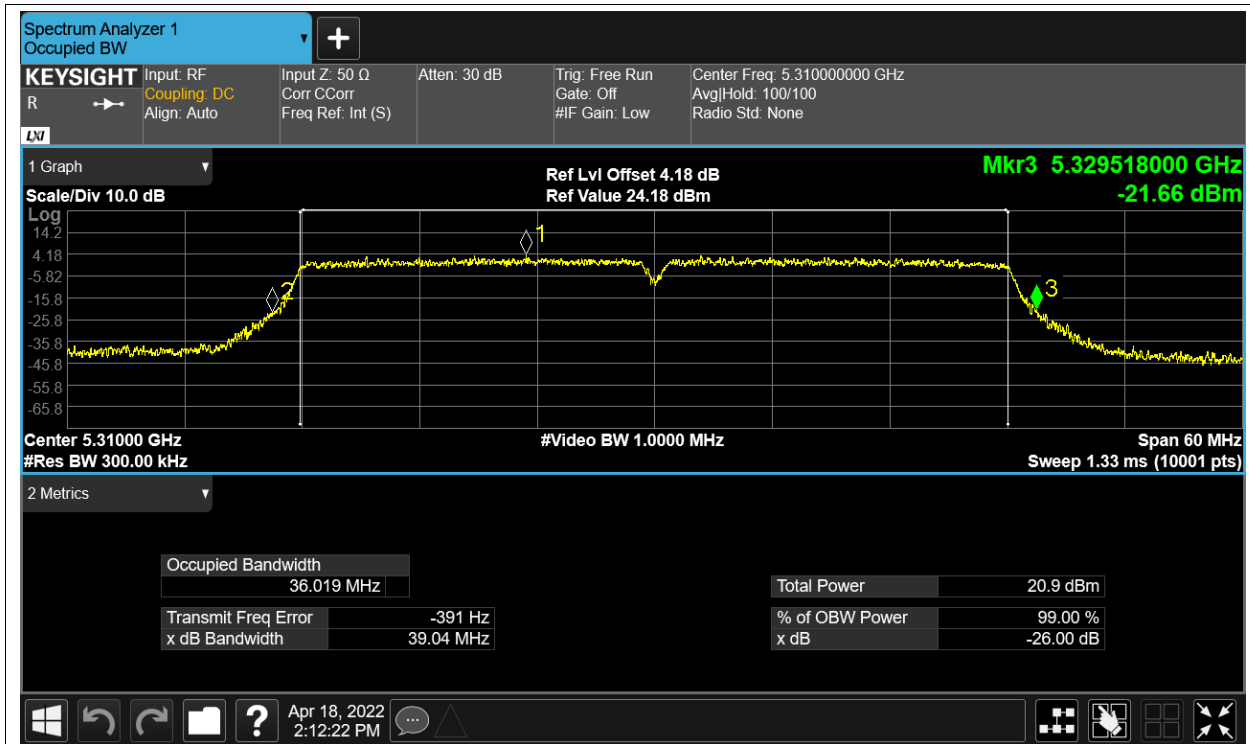
-26dB Bandwidth NVNT ac40 5270MHz Ant1



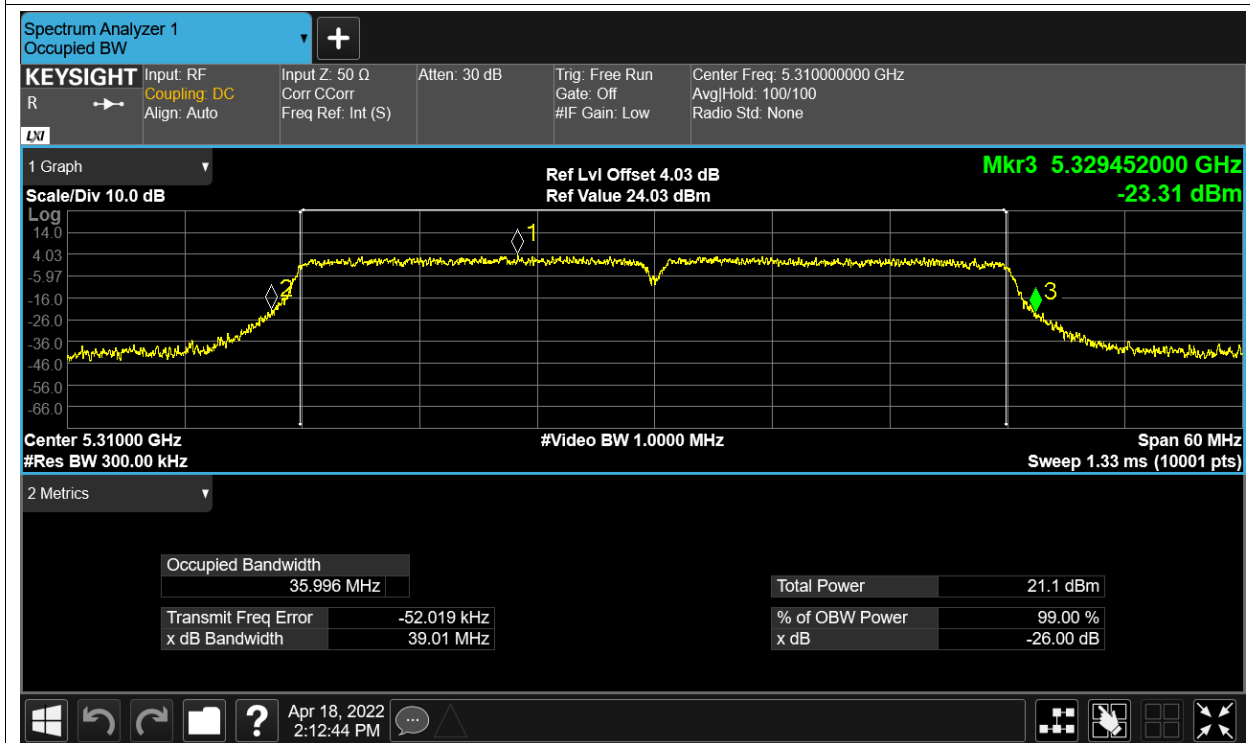
-26dB Bandwidth NVNT ac40 5270MHz Ant2



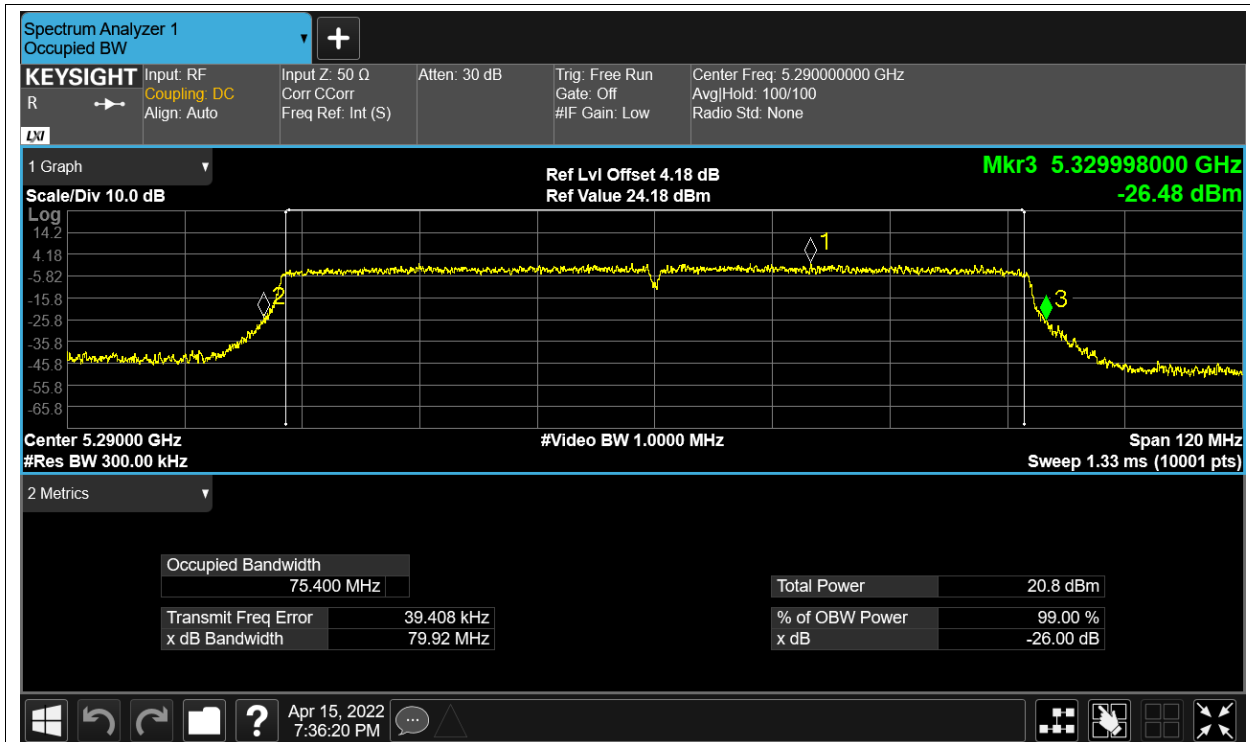
-26dB Bandwidth NVNT ac40 5310MHz Ant1



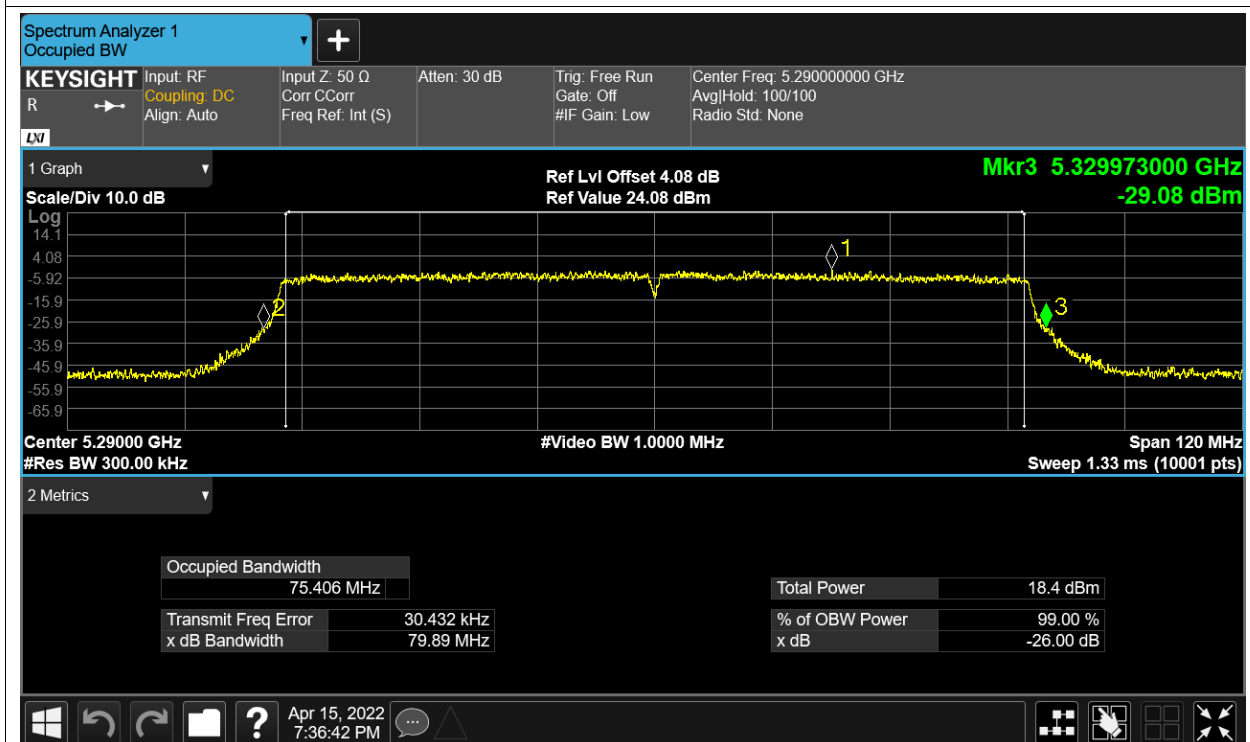
-26dB Bandwidth NVNT ac40 5310MHz Ant2



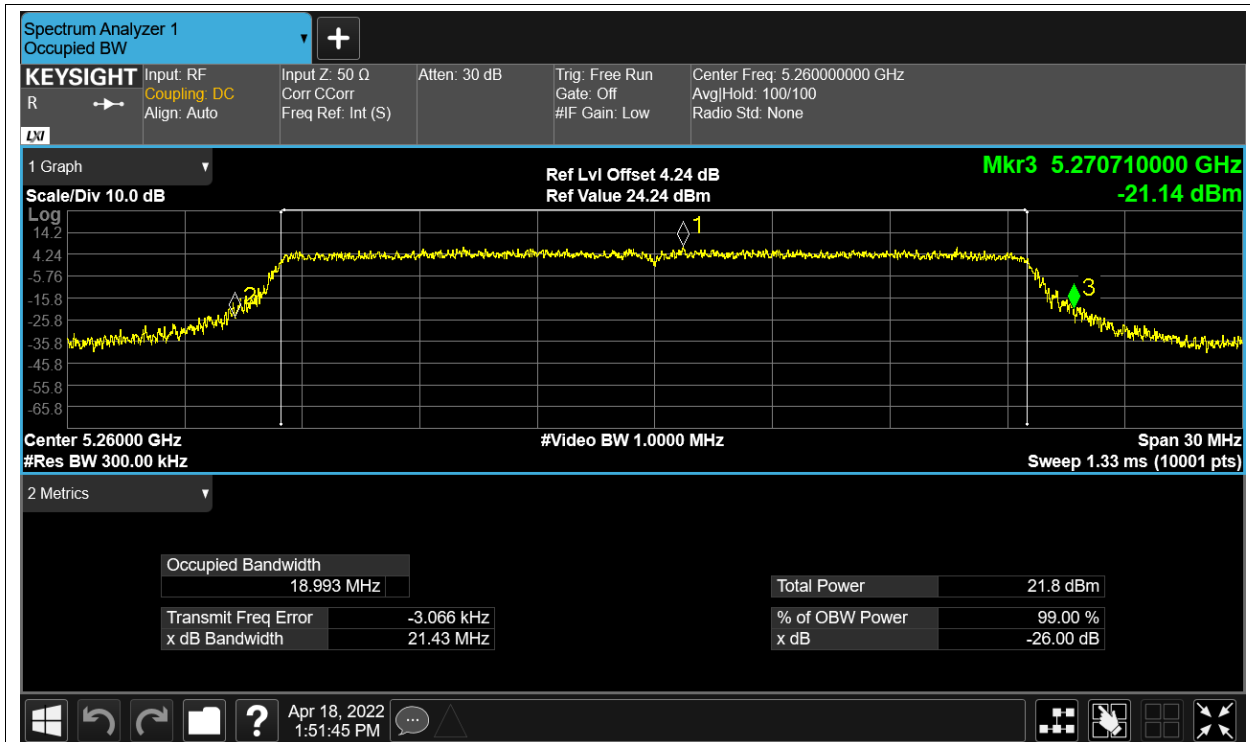
-26dB Bandwidth NVNT ac80 5290MHz Ant1



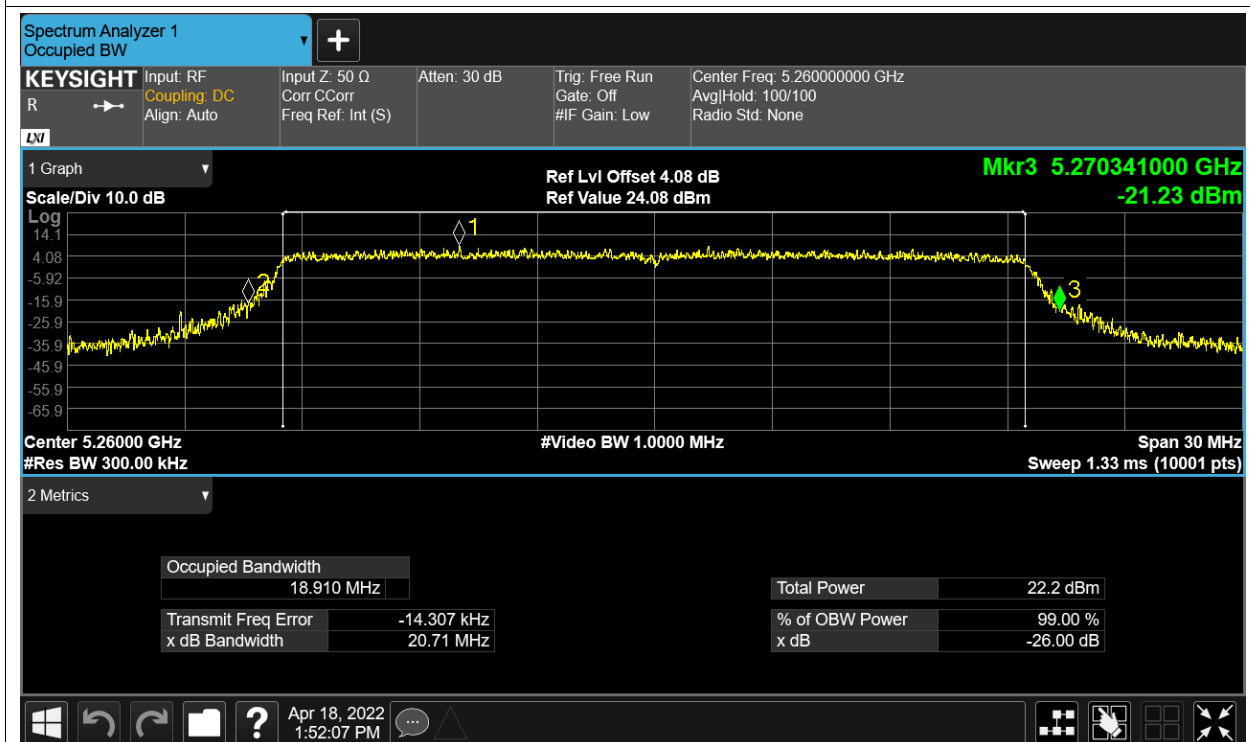
-26dB Bandwidth NVNT ac80 5290MHz Ant2



-26dB Bandwidth NVNT ax20 5260MHz Ant1



-26dB Bandwidth NVNT ax20 5260MHz Ant2



-26dB Bandwidth NVNT ax20 5280MHz Ant1