

Test Data

Frequency Stability

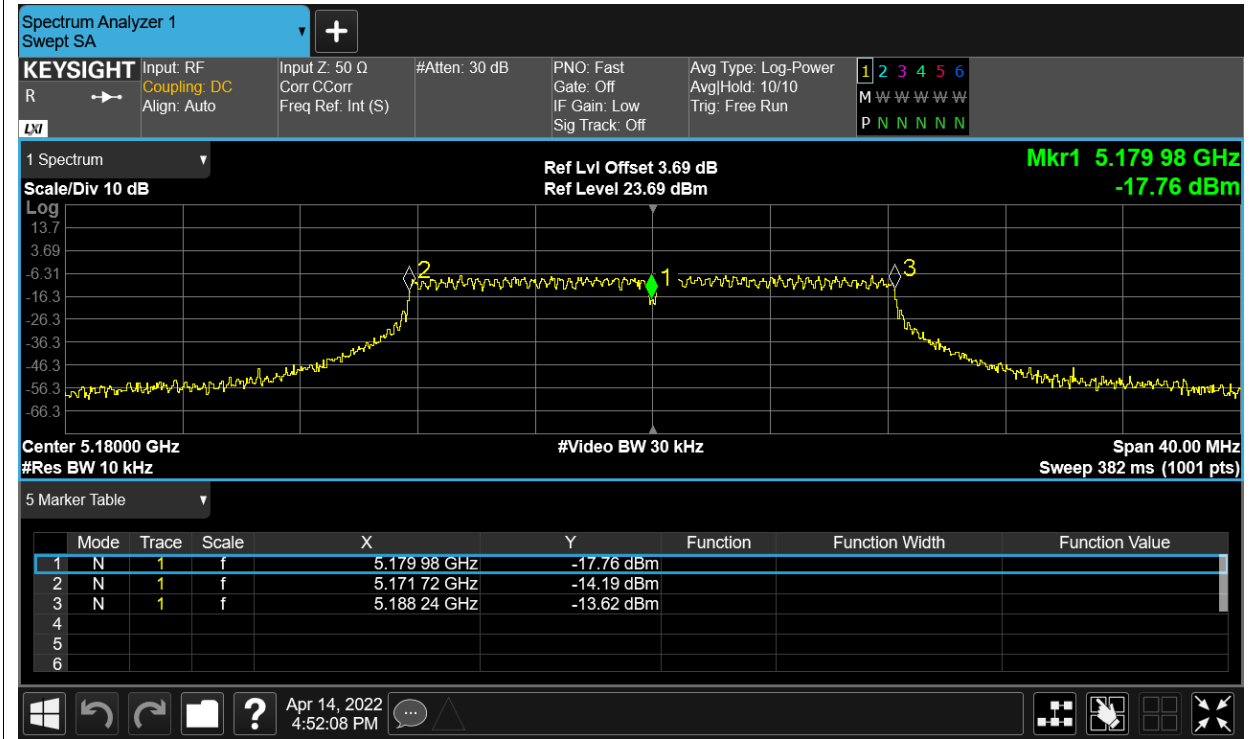
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.98	-3.86	Within authorized band	Pass
HVNT	a	5180	Ant2	5179.98	-3.86		Pass
LVNT	a	5180	Ant1	5180	0		Pass
LVNT	a	5180	Ant2	5179.98	-3.86		Pass
NVHT	a	5180	Ant1	5180	0		Pass
NVHT	a	5180	Ant2	5179.98	-3.86		Pass
NVLT	a	5180	Ant1	5180	0		Pass
NVLT	a	5180	Ant2	5179.98	-3.86		Pass
NVNT	a	5180	Ant1	5180	0		Pass
NVNT	a	5180	Ant2	5179.98	-3.86		Pass
HVNT	ac20	5180	Sum	5179.96	-7.72		Pass
LVNT	ac20	5180	Sum	5180	0		Pass
NVHT	ac20	5180	Sum	5179.96	-7.72		Pass
NVLT	ac20	5180	Sum	5179.98	-3.86		Pass
NVNT	ac20	5180	Sum	5179.96	-7.72		Pass
HVNT	ac40	5190	Sum	5190	0		Pass
LVNT	ac40	5190	Sum	5190	0		Pass
NVHT	ac40	5190	Sum	5190	0		Pass
NVLT	ac40	5190	Sum	5190	0		Pass
NVNT	ac40	5190	Sum	5190	0		Pass
HVNT	ac80	5210	Sum	5210	0		Pass
LVNT	ac80	5210	Sum	5210	0		Pass
NVHT	ac80	5210	Sum	5210	0		Pass
NVLT	ac80	5210	Sum	5210	0		Pass
NVNT	ac80	5210	Sum	5210	0		Pass
HVNT	ax20	5180	Sum	5179.96	-7.72		Pass
LVNT	ax20	5180	Sum	5179.96	-7.72		Pass
NVHT	ax20	5180	Sum	5179.98	-3.86		Pass
NVLT	ax20	5180	Sum	5179.96	-7.72		Pass
NVNT	ax20	5180	Sum	5179.98	-3.86		Pass
HVNT	ax40	5190	Sum	5189.96	-7.71		Pass
LVNT	ax40	5190	Sum	5189.96	-7.71		Pass
NVHT	ax40	5190	Sum	5189.96	-7.71		Pass
NVLT	ax40	5190	Sum	5189.96	-7.71		Pass
NVNT	ax40	5190	Sum	5189.96	-7.71		Pass
HVNT	ax80	5210	Sum	5210	0		Pass
LVNT	ax80	5210	Sum	5210	0		Pass
NVHT	ax80	5210	Sum	5210	0		Pass
NVLT	ax80	5210	Sum	5210	0		Pass

NVNT	ax80	5210	Sum	5209.92	-15.36		Pass
HVNT	n20	5180	Sum	5179.98	-3.86		Pass
LVNT	n20	5180	Sum	5179.98	-3.86		Pass
NVHT	n20	5180	Sum	5180	0		Pass
NVLT	n20	5180	Sum	5179.98	-3.86		Pass
NVNT	n20	5180	Sum	5180	0		Pass
HVNT	n40	5190	Sum	5190	0		Pass
LVNT	n40	5190	Sum	5190	0		Pass
NVHT	n40	5190	Sum	5190	0		Pass
NVLT	n40	5190	Sum	5190	0		Pass
NVNT	n40	5190	Sum	5190	0		Pass

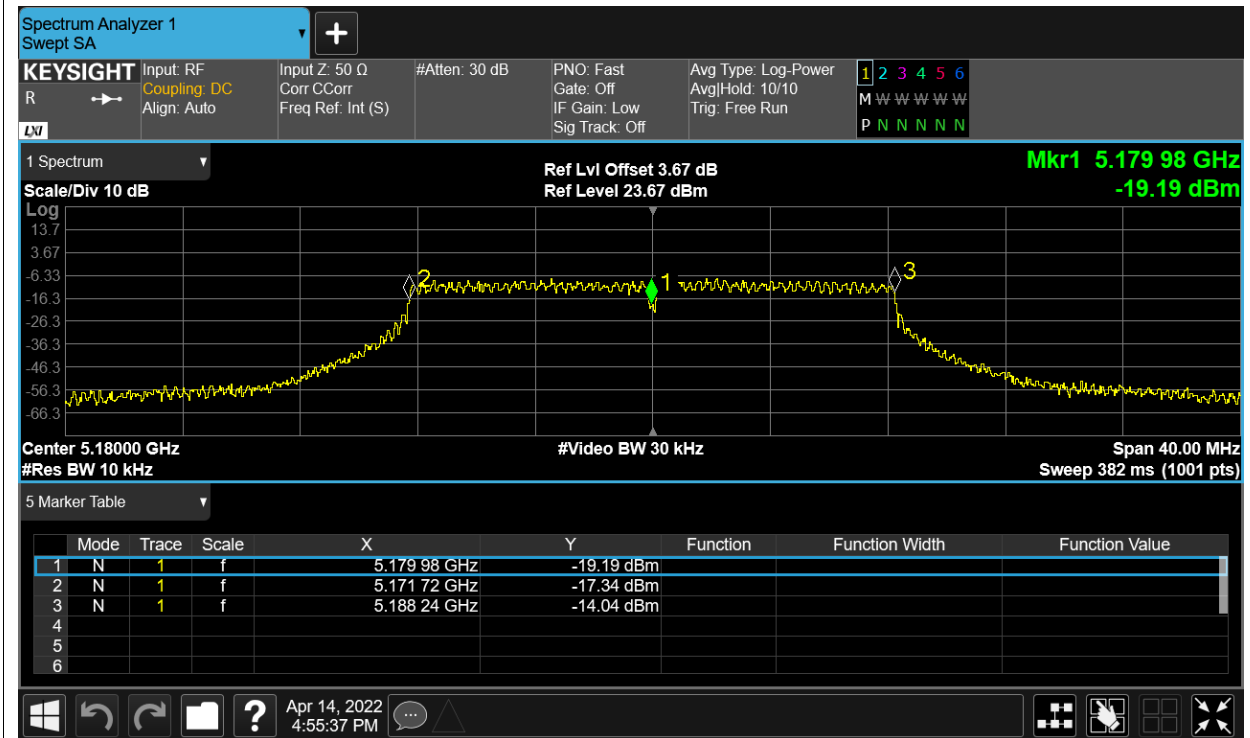
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

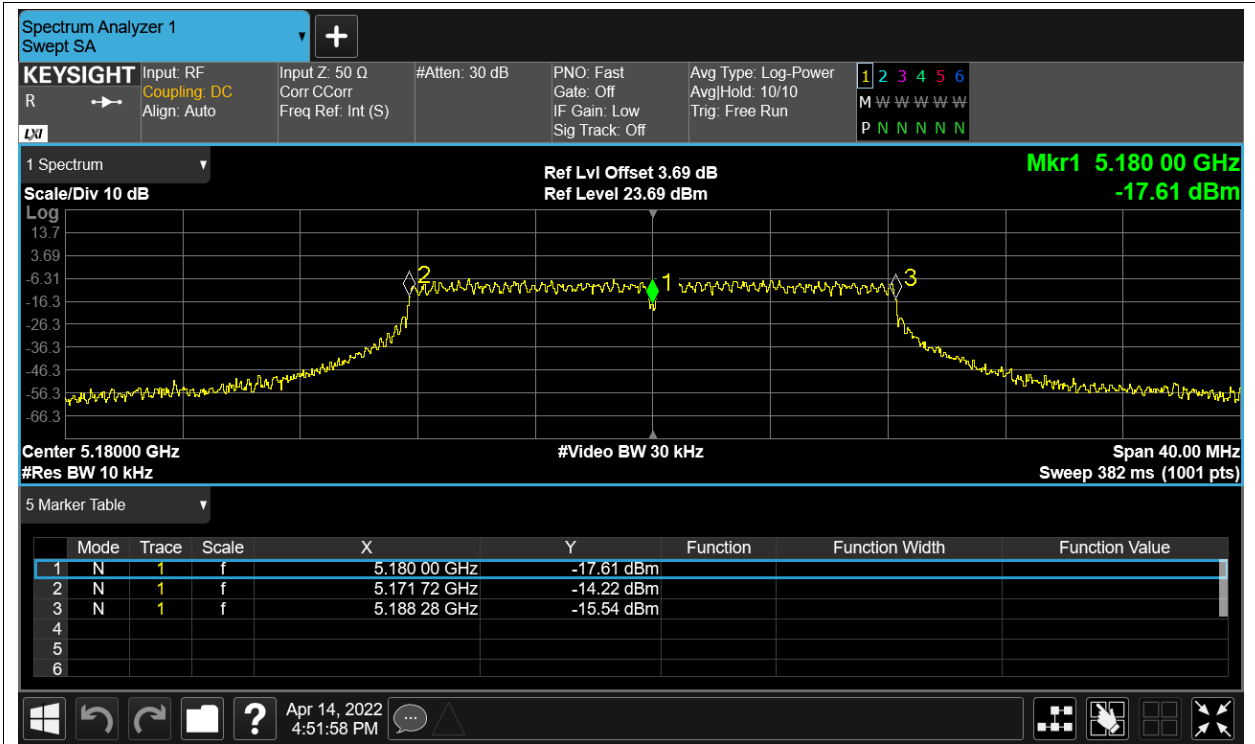
Freq. Stability HVNT a 5180MHz Ant1



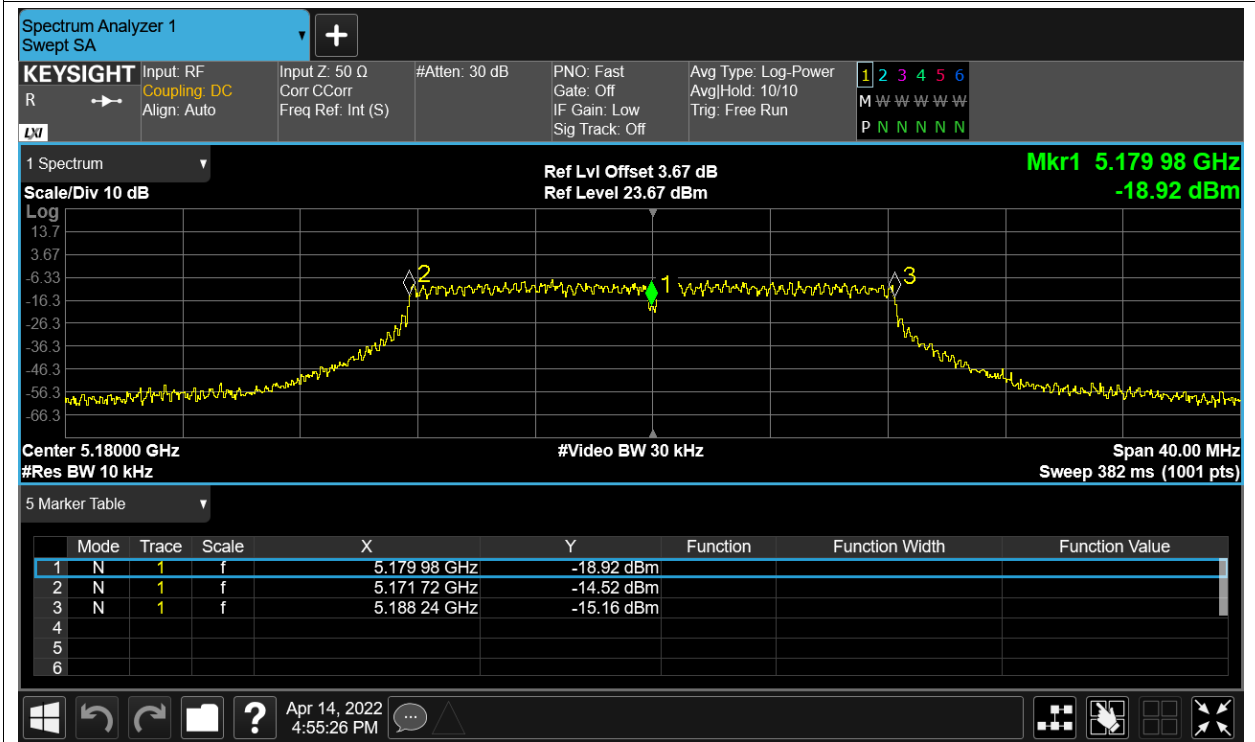
Freq. Stability HVNT a 5180MHz Ant2



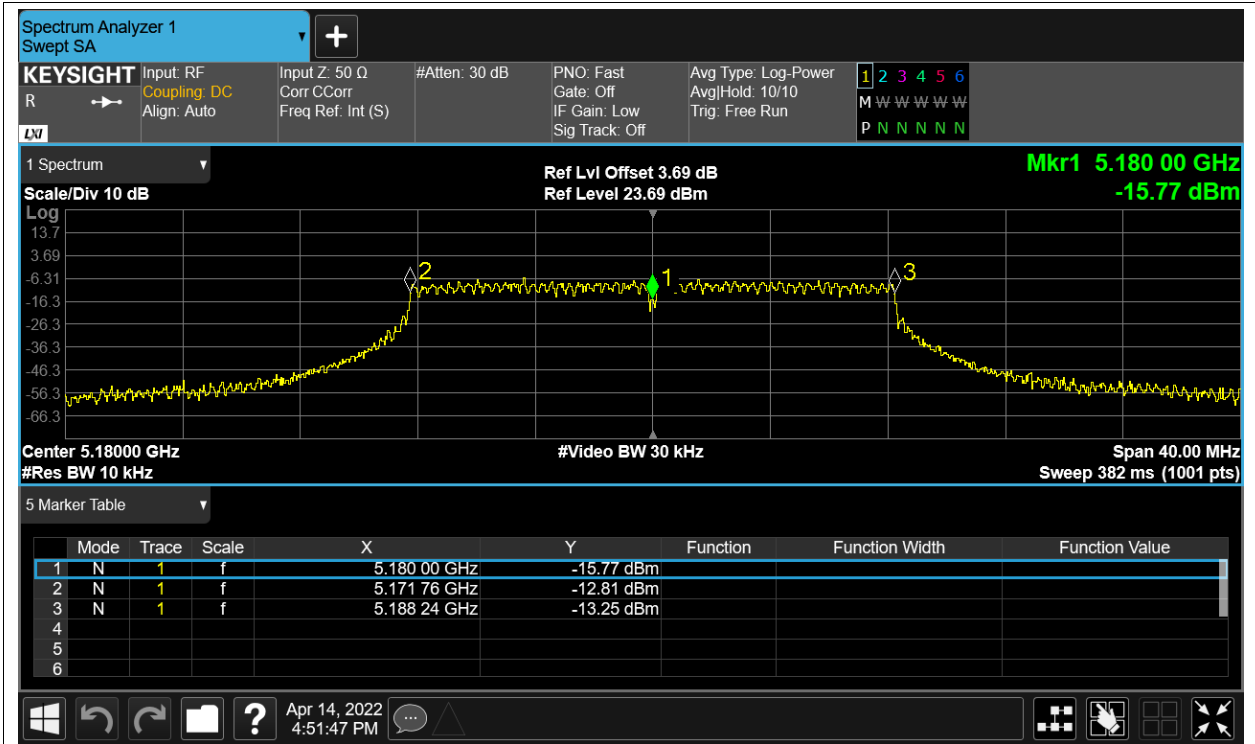
Freq. Stability LVNT a 5180MHz Ant1



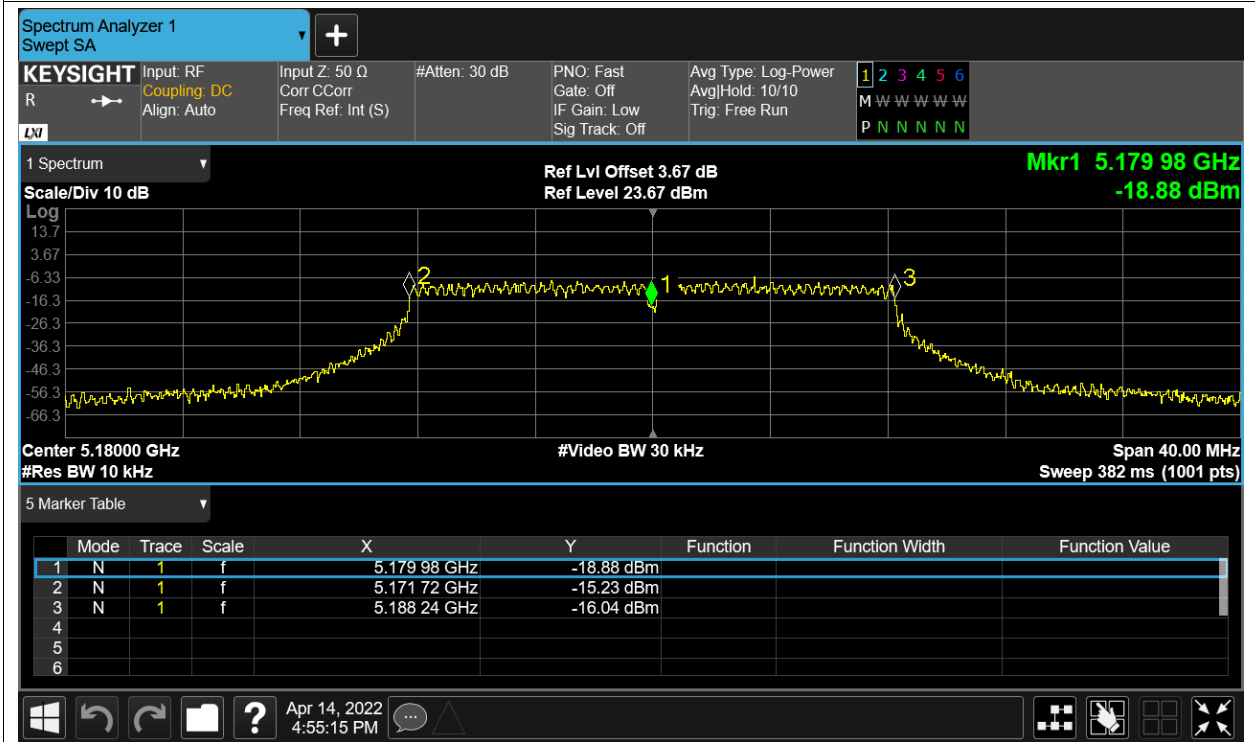
Freq. Stability LVNT a 5180MHz Ant2



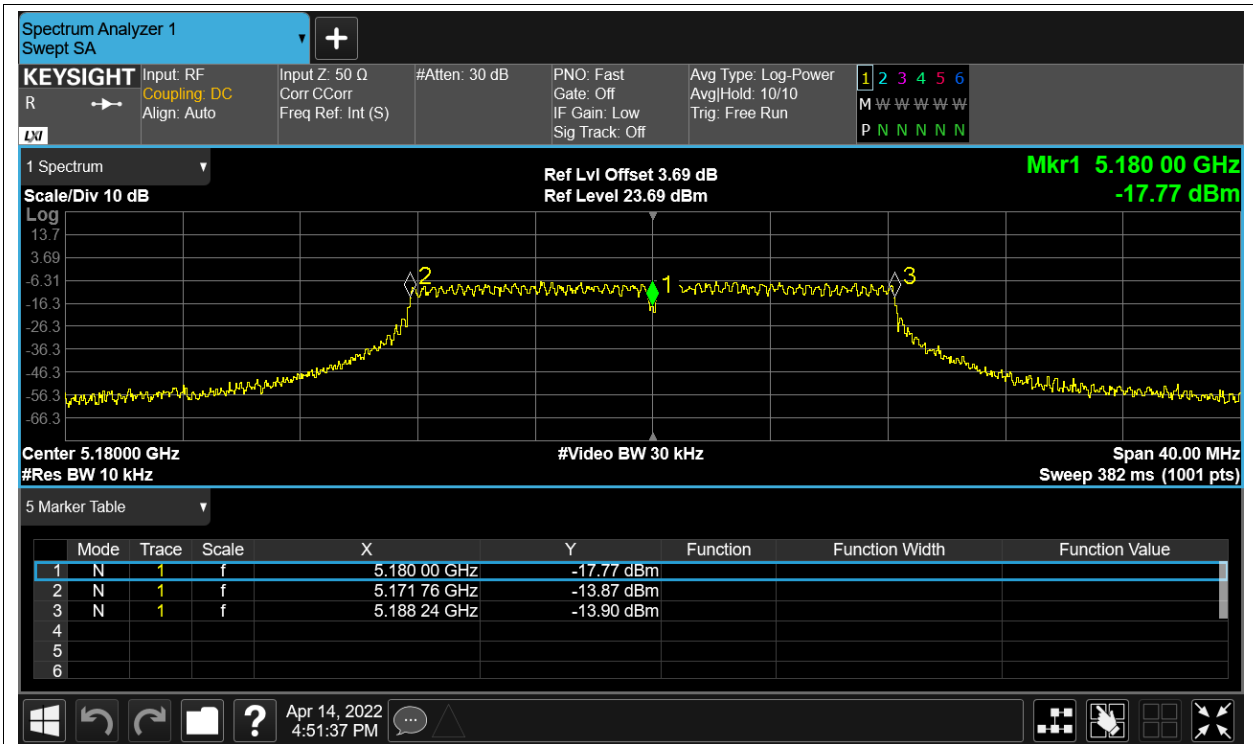
Freq. Stability NVHT a 5180MHz Ant1



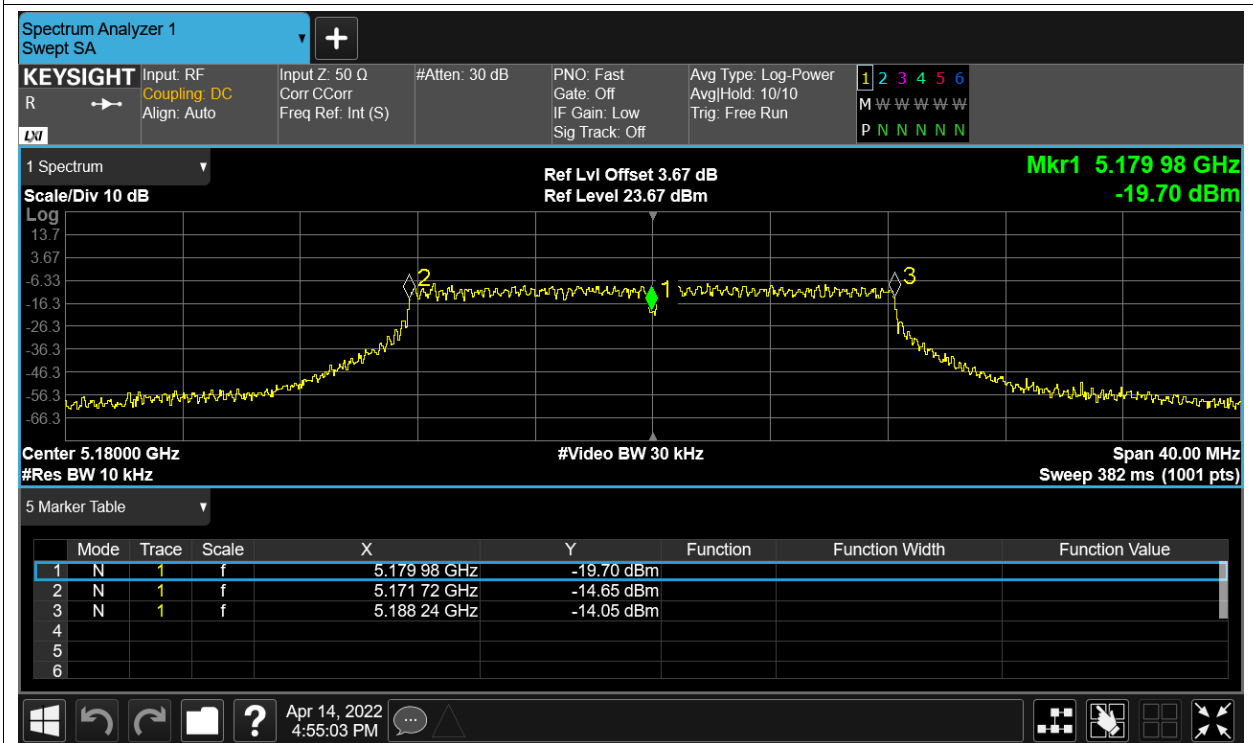
Freq. Stability NVHT a 5180MHz Ant2



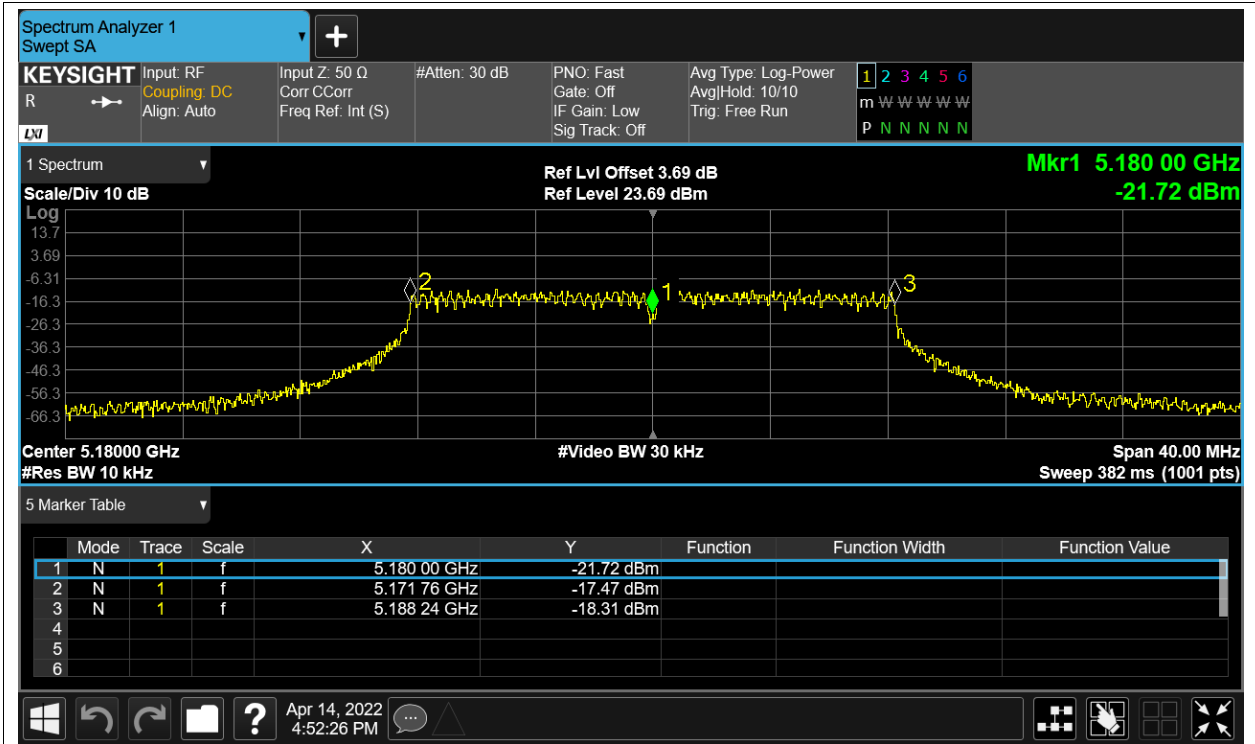
Freq. Stability NVLT a 5180MHz Ant1



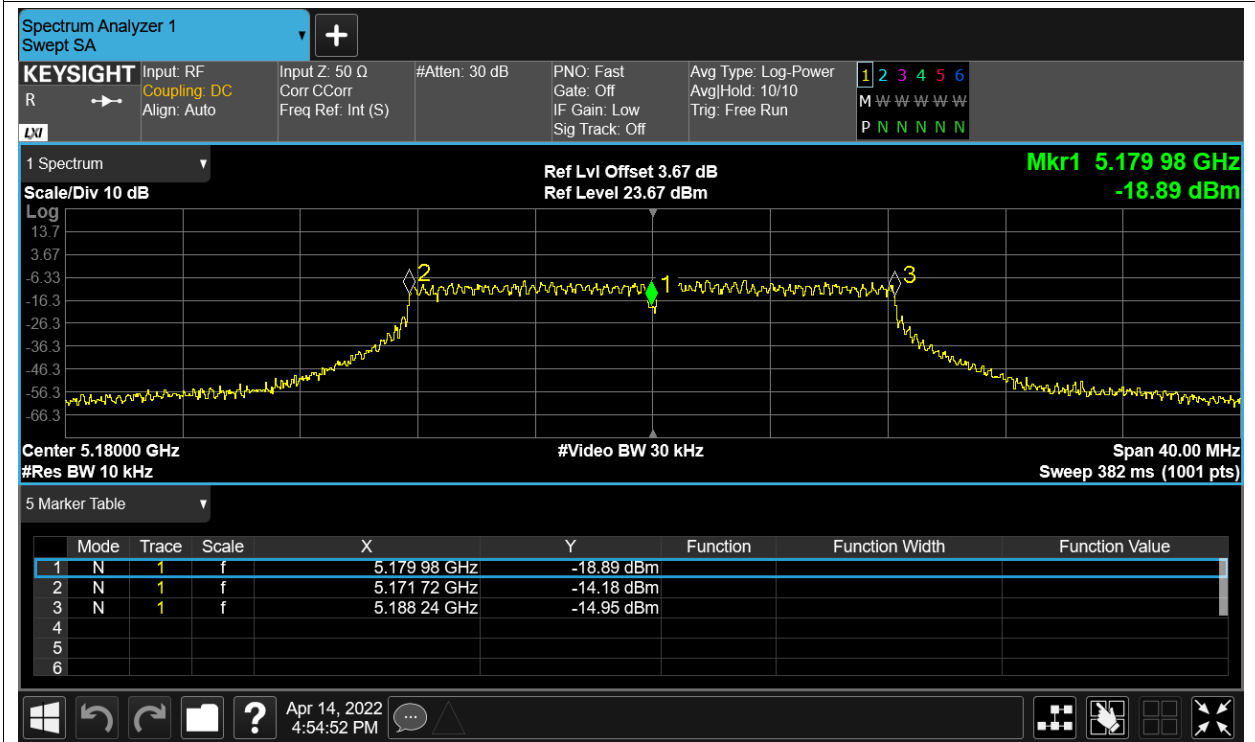
Freq. Stability NVLT a 5180MHz Ant2



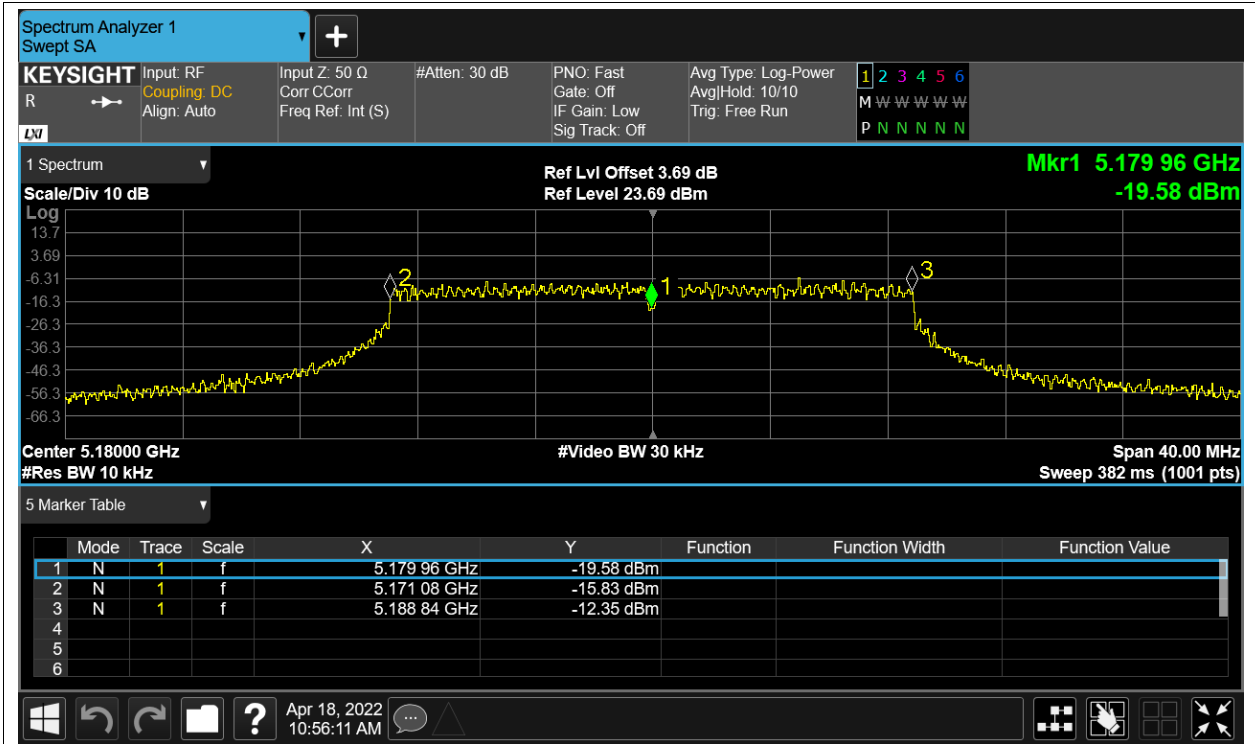
Freq. Stability NVNT a 5180MHz Ant1



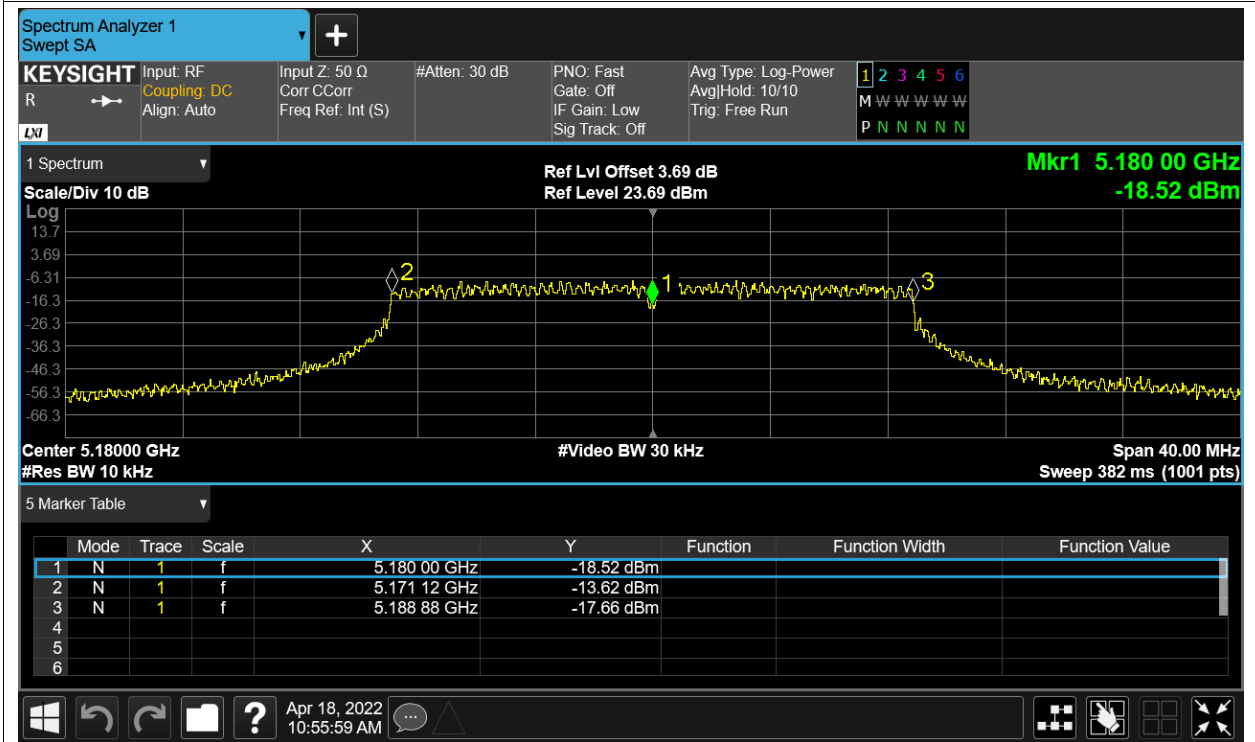
Freq. Stability NVNT a 5180MHz Ant2



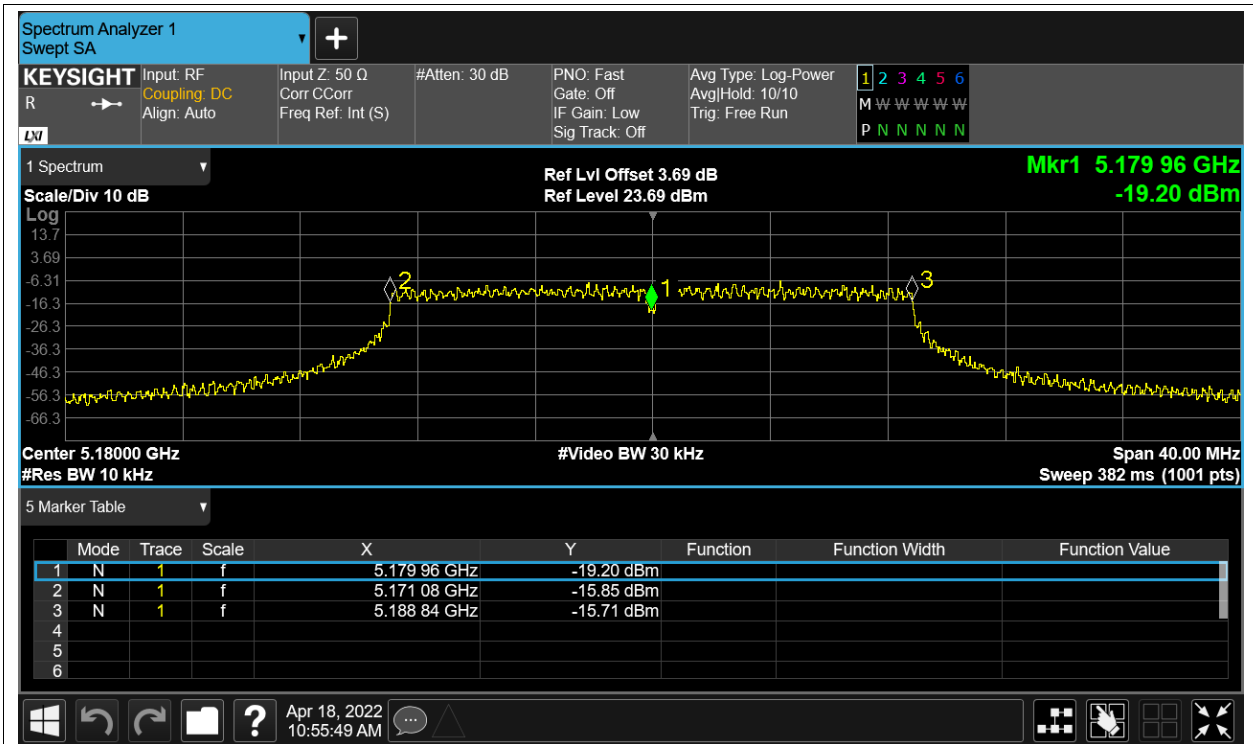
Freq. Stability HVNT ac20 5180MHz Sum



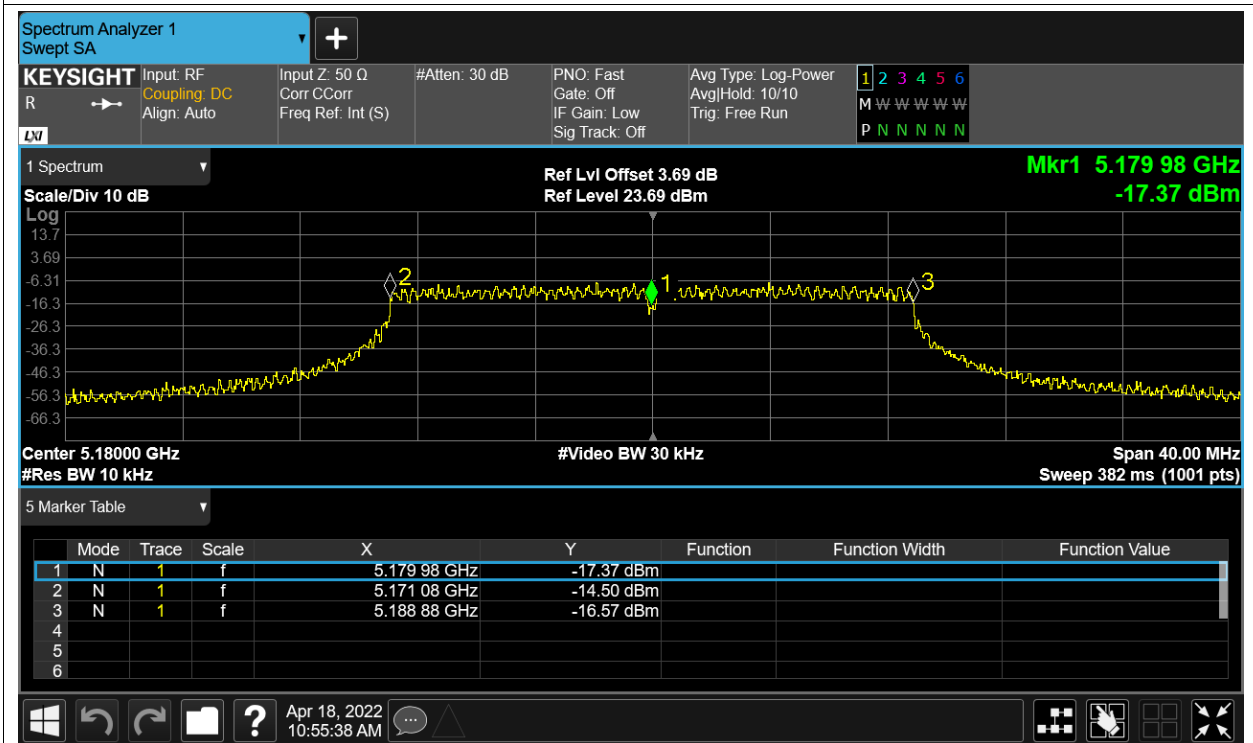
Freq. Stability LVNT ac20 5180MHz Sum



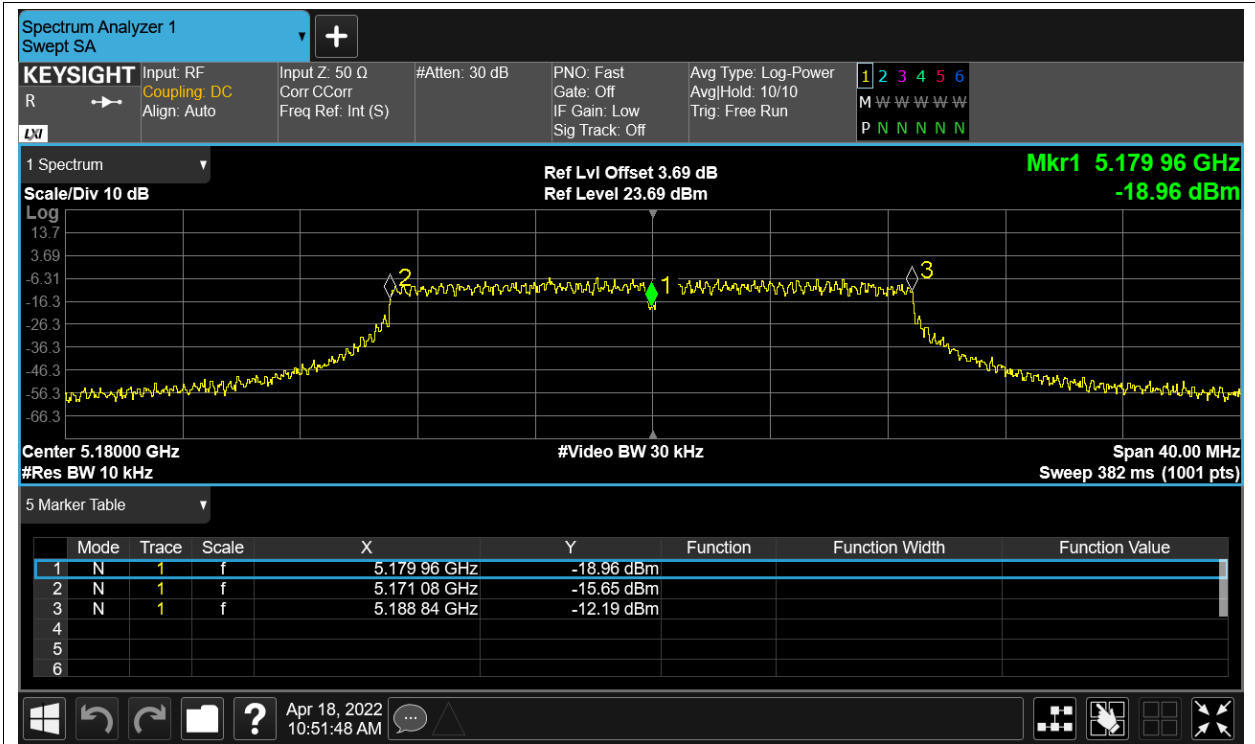
Freq. Stability NVHT ac20 5180MHz Sum



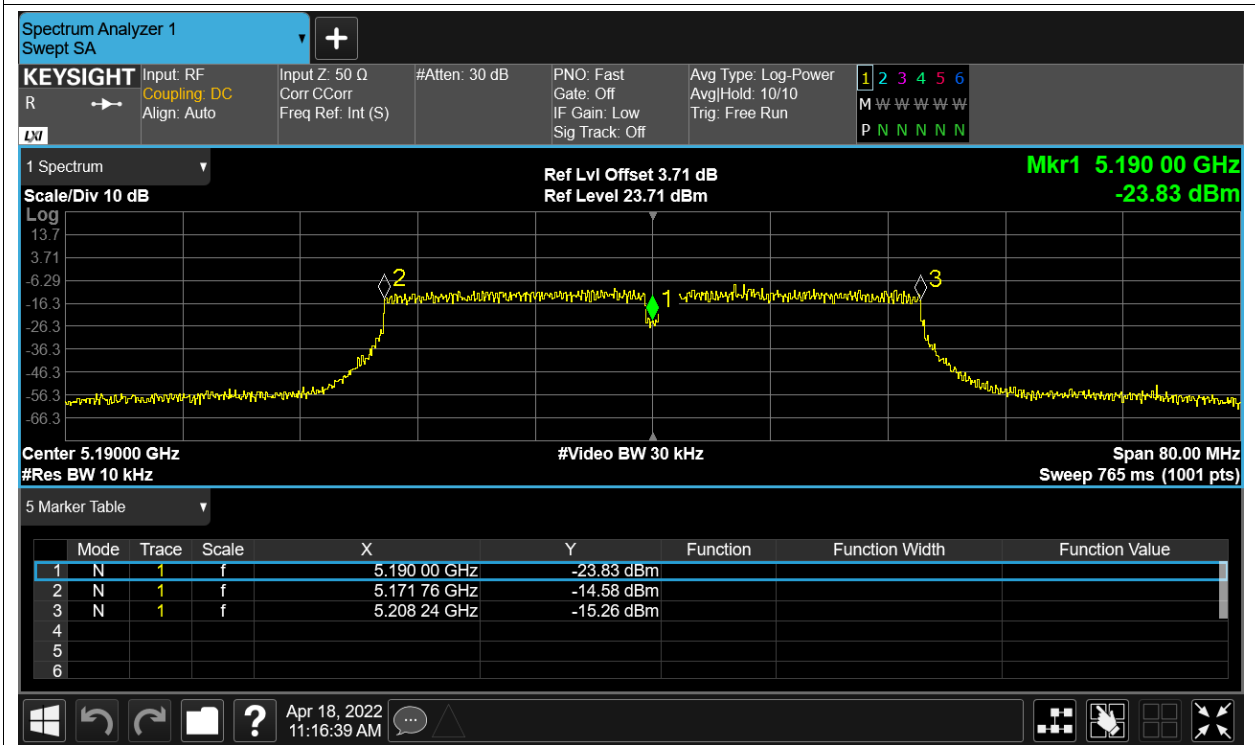
Freq. Stability NVLT ac20 5180MHz Sum



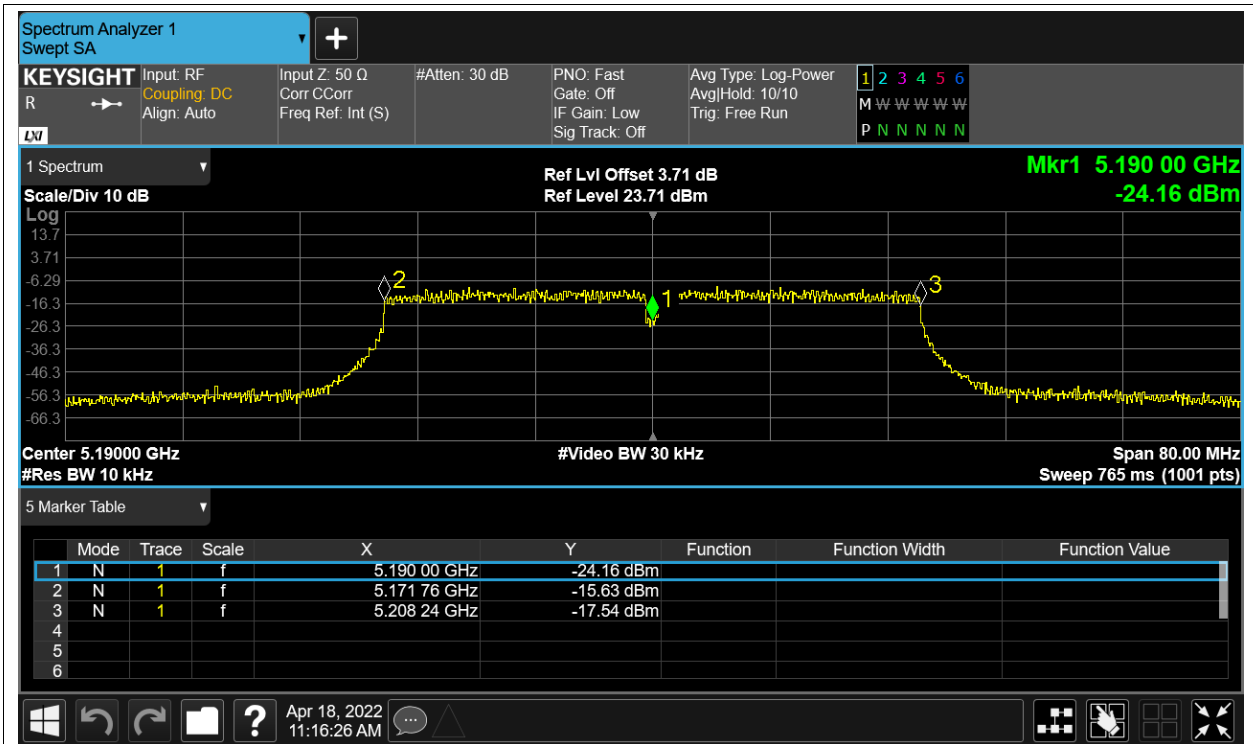
Freq. Stability NVNT ac20 5180MHz Sum



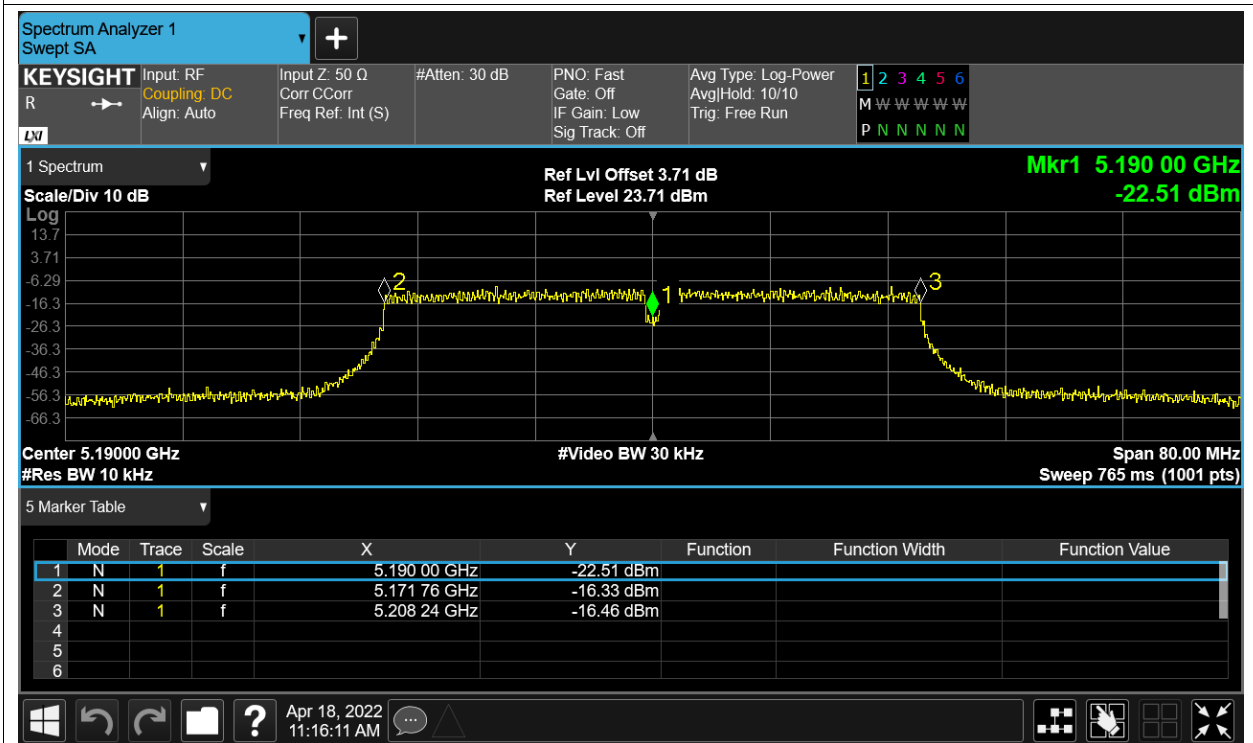
Freq. Stability HVNT ac40 5190MHz Sum



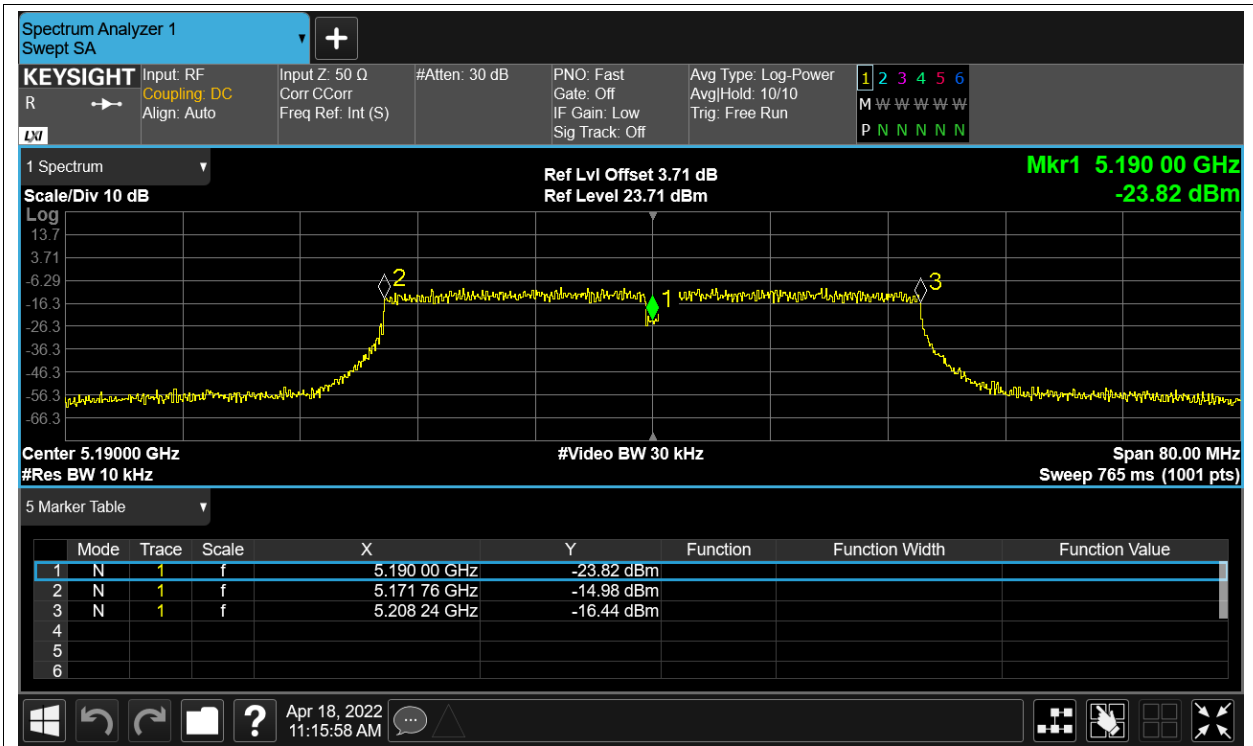
Freq. Stability LVNT ac40 5190MHz Sum



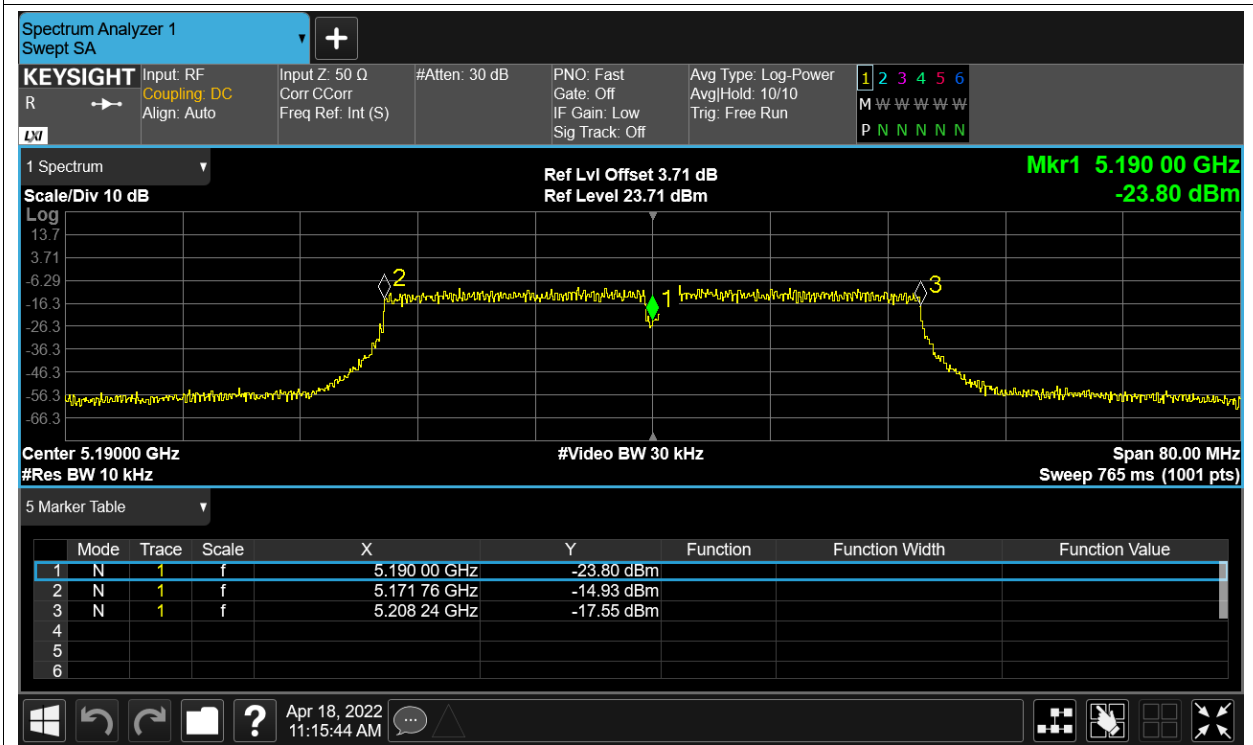
Freq. Stability NVHT ac40 5190MHz Sum



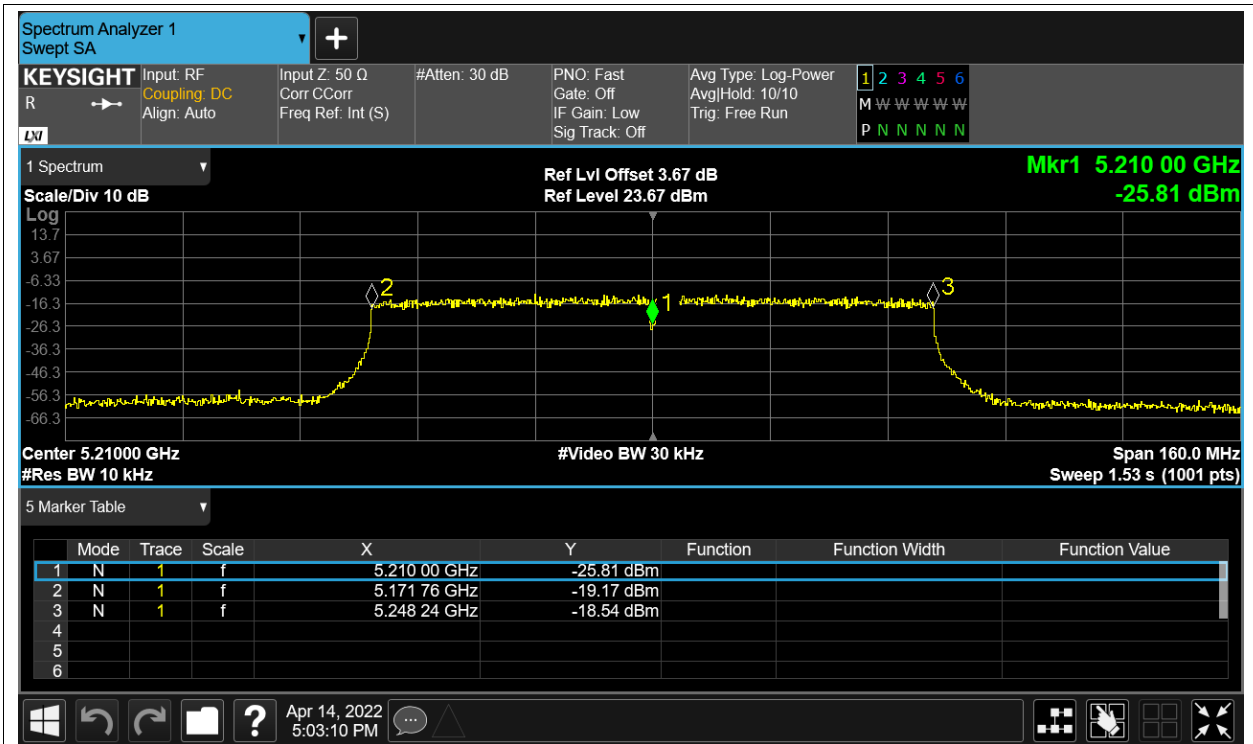
Freq. Stability NVLT ac40 5190MHz Sum



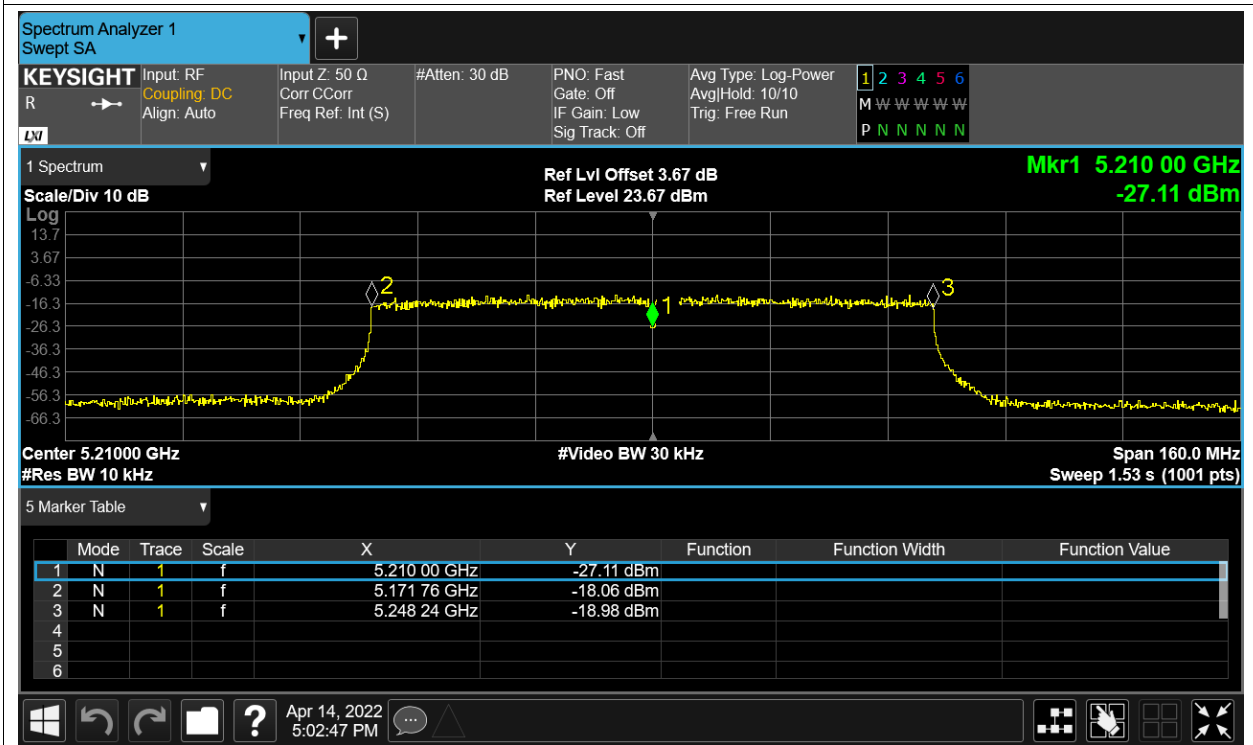
Freq. Stability NVNT ac40 5190MHz Sum



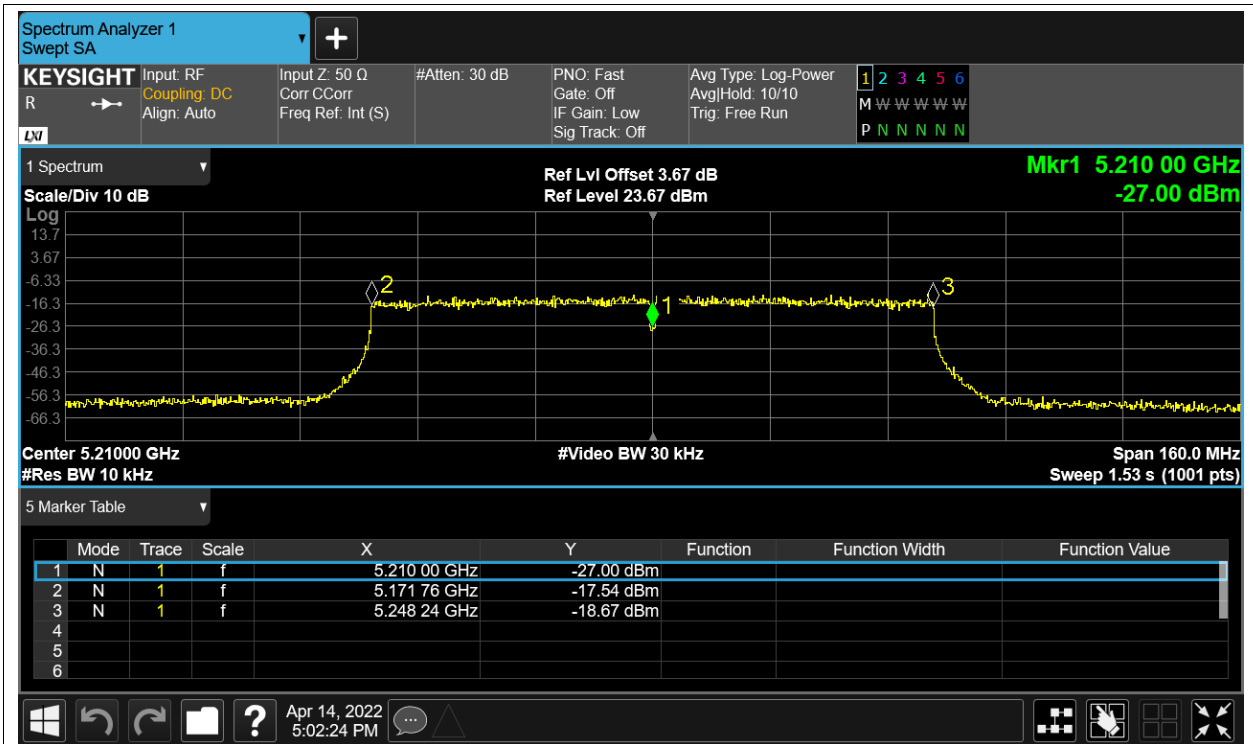
Freq. Stability HVNT ac80 5210MHz Sum



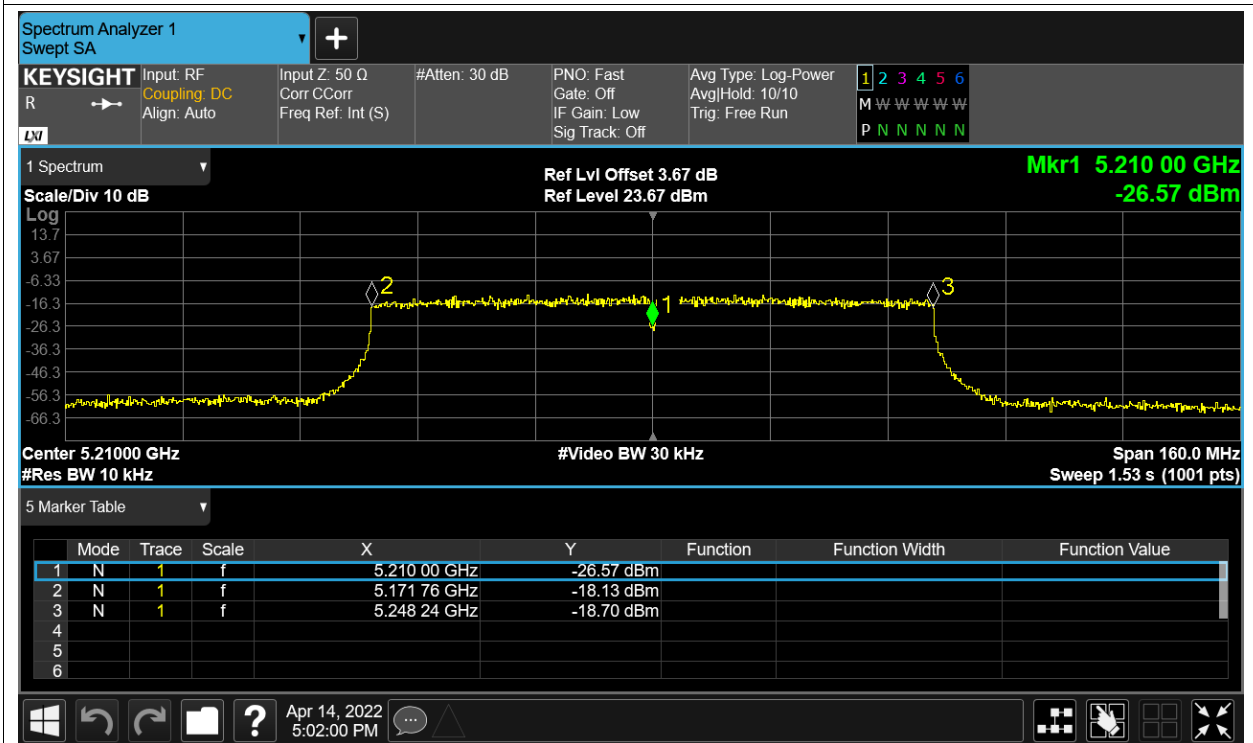
Freq. Stability LVNT ac80 5210MHz Sum



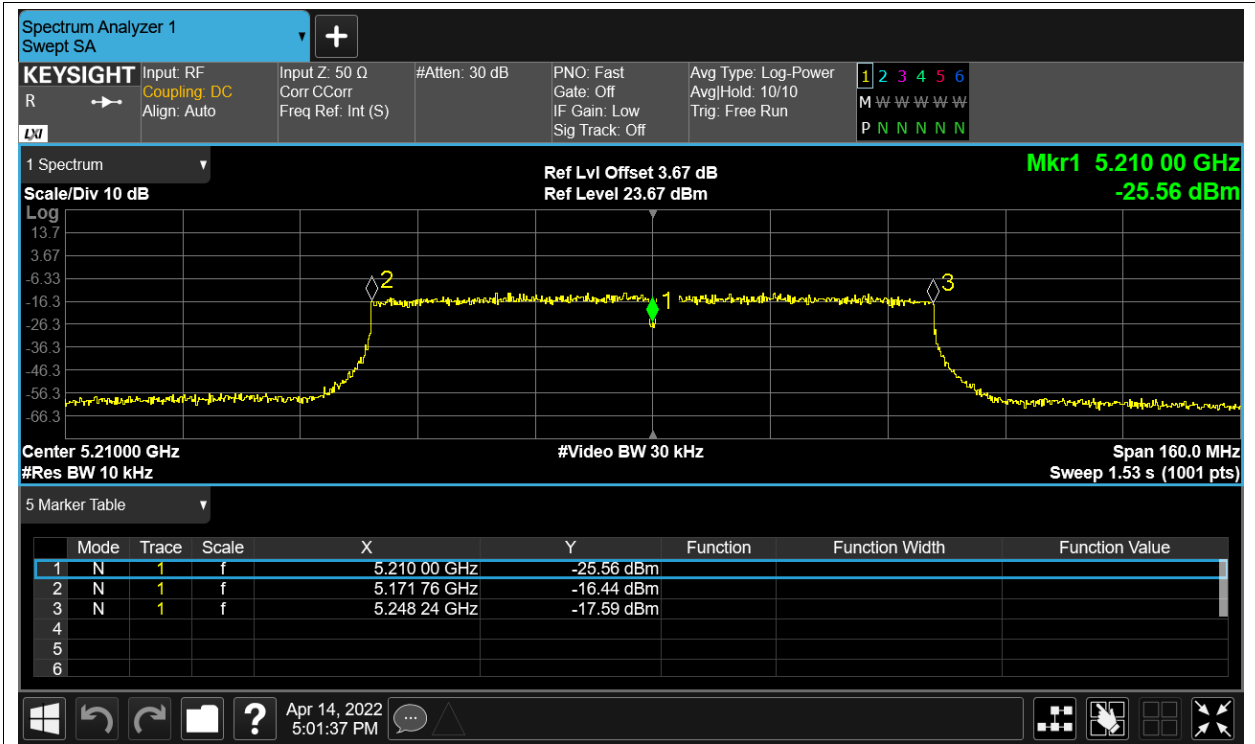
Freq. Stability NVHT ac80 5210MHz Sum



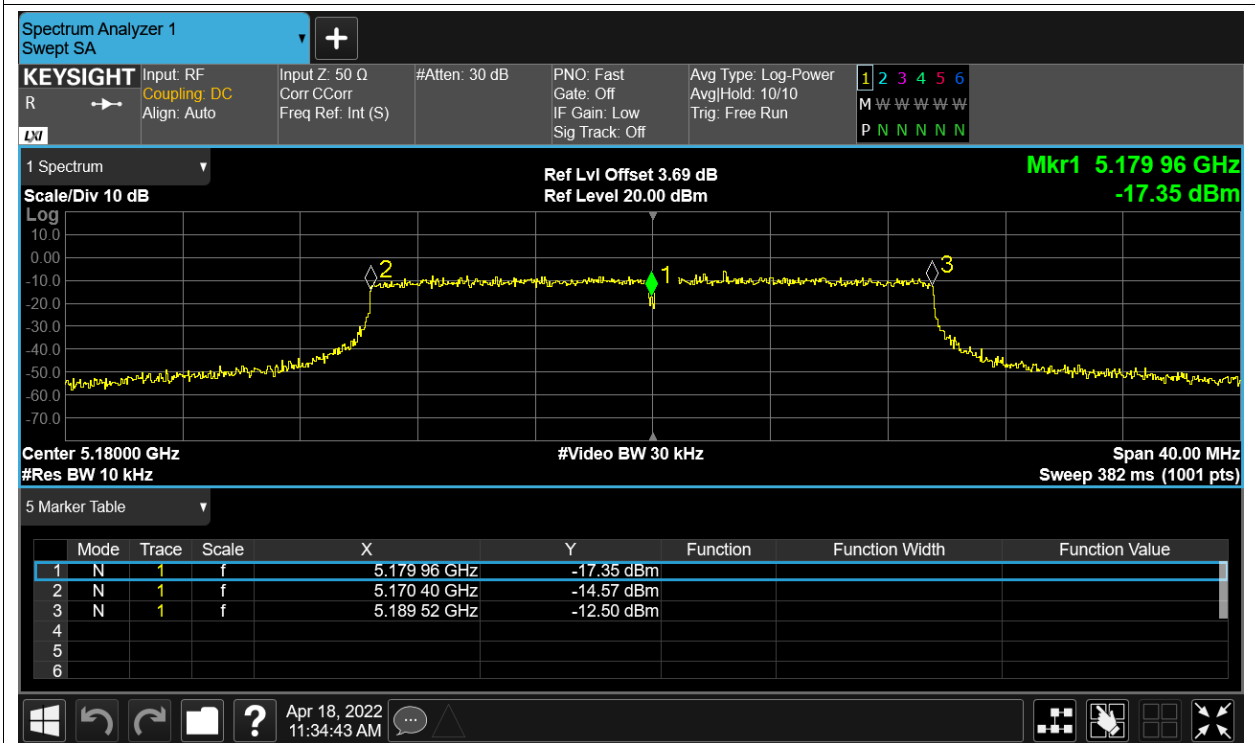
Freq. Stability NVLT ac80 5210MHz Sum



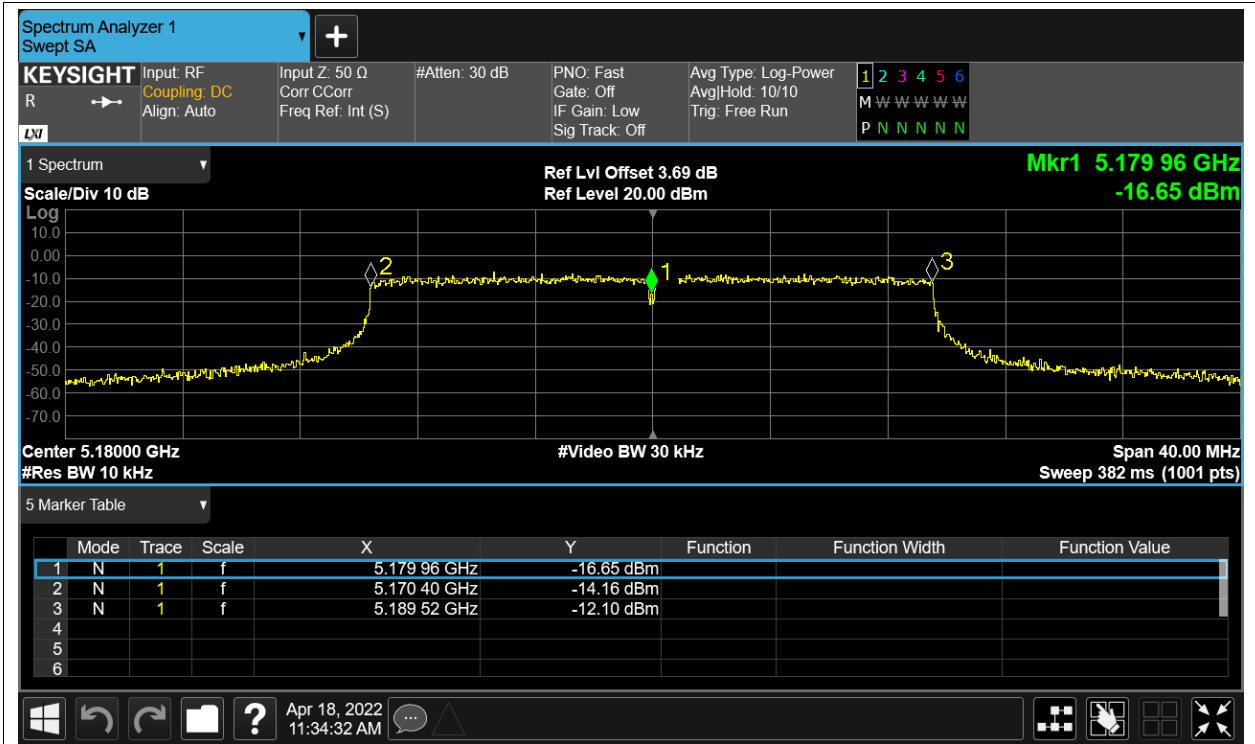
Freq. Stability NVNT ac80 5210MHz Sum



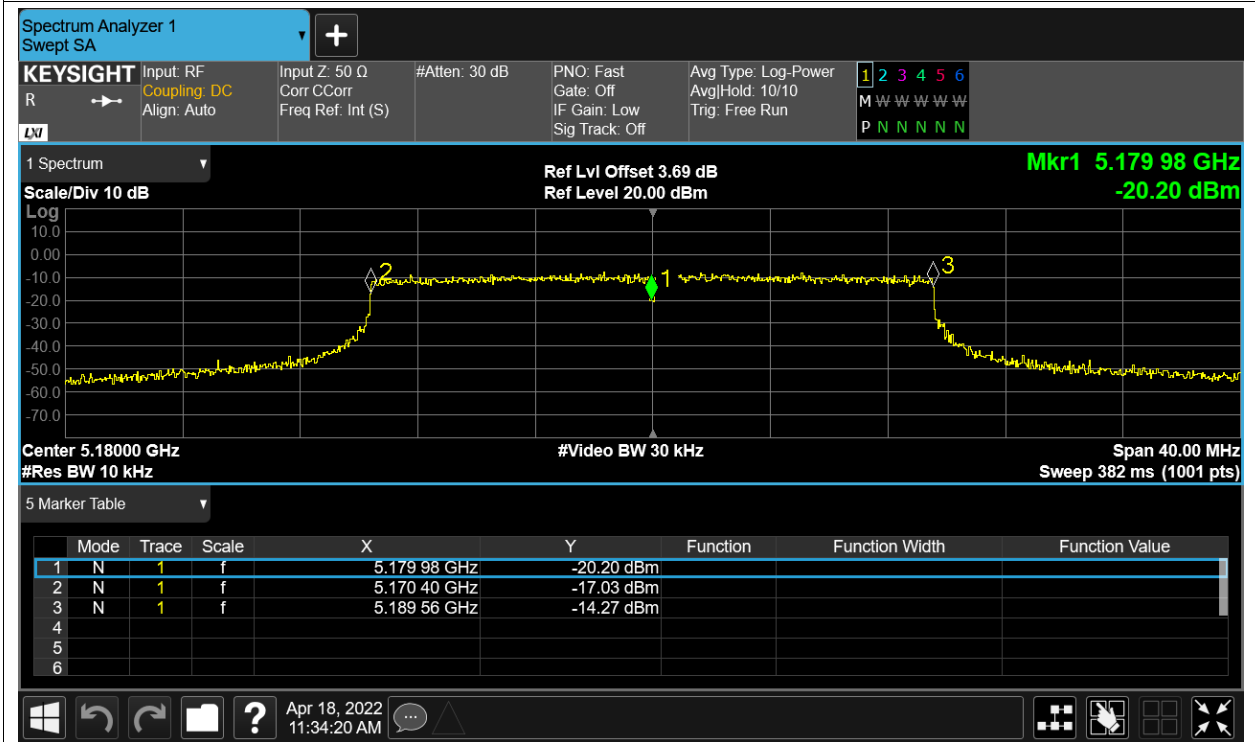
Freq. Stability HVNT ax20 5180MHz Sum



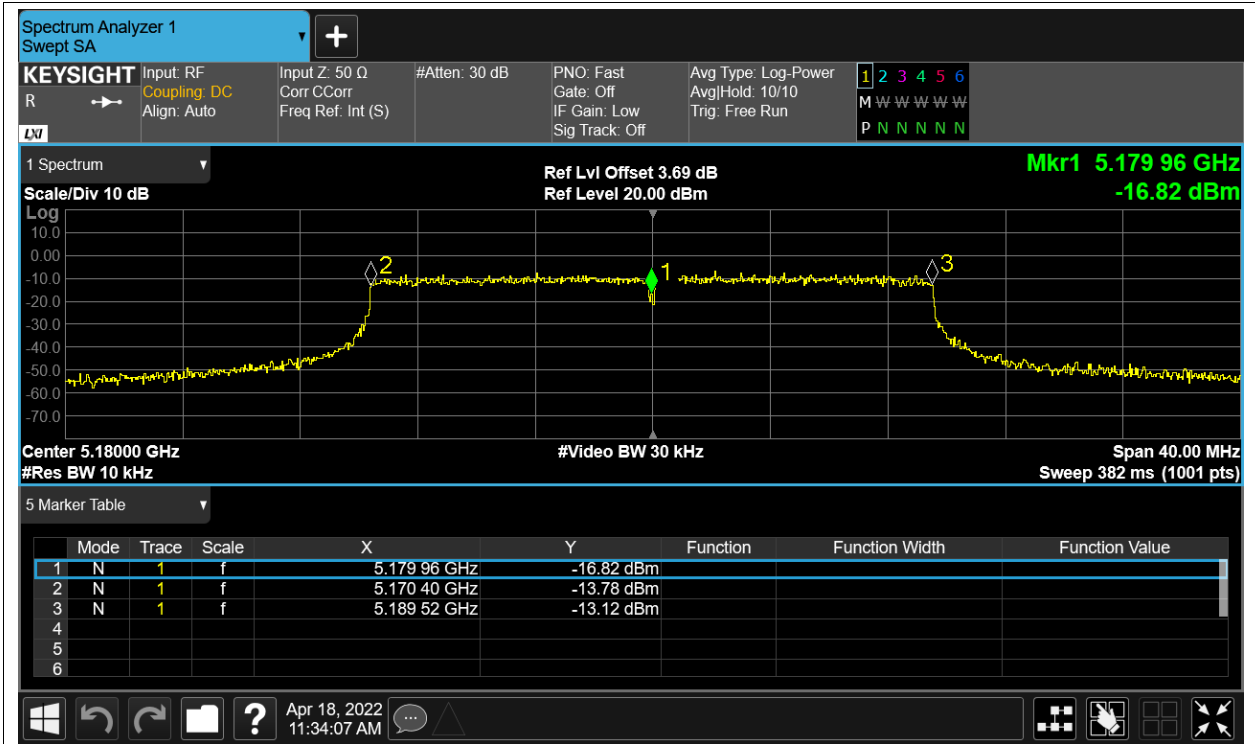
Freq. Stability LVNT ax20 5180MHz Sum



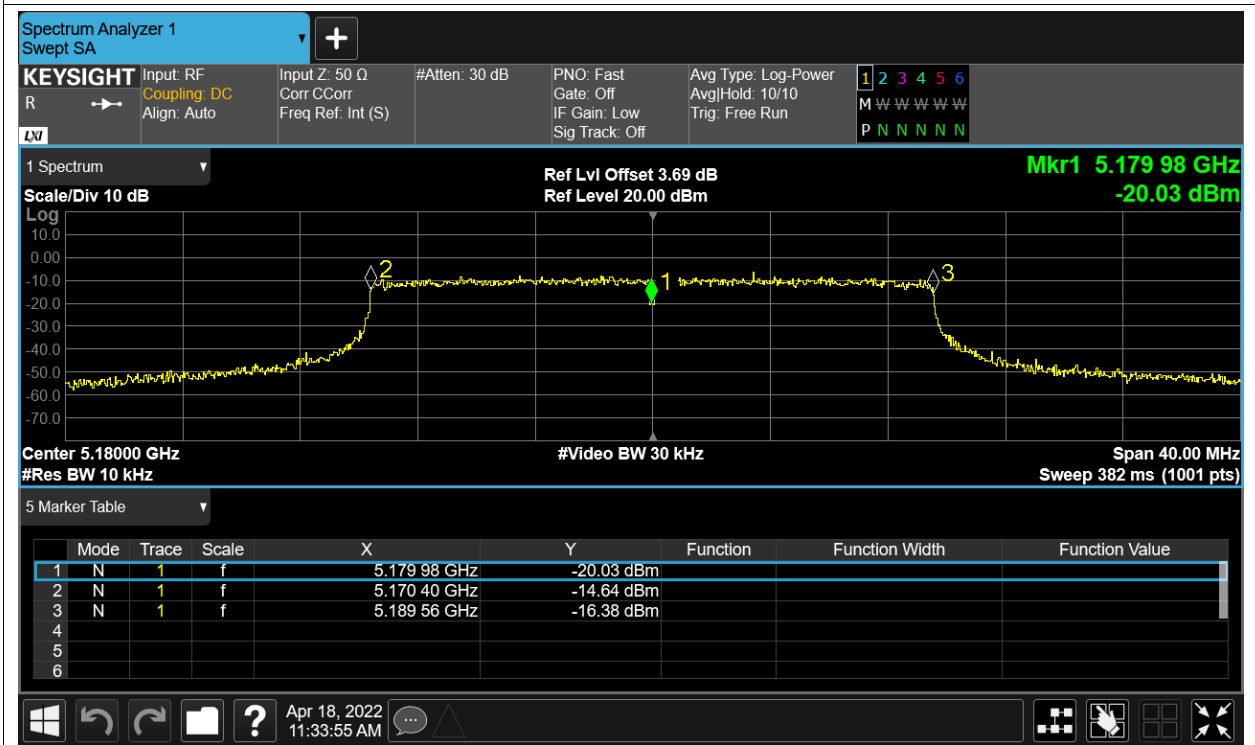
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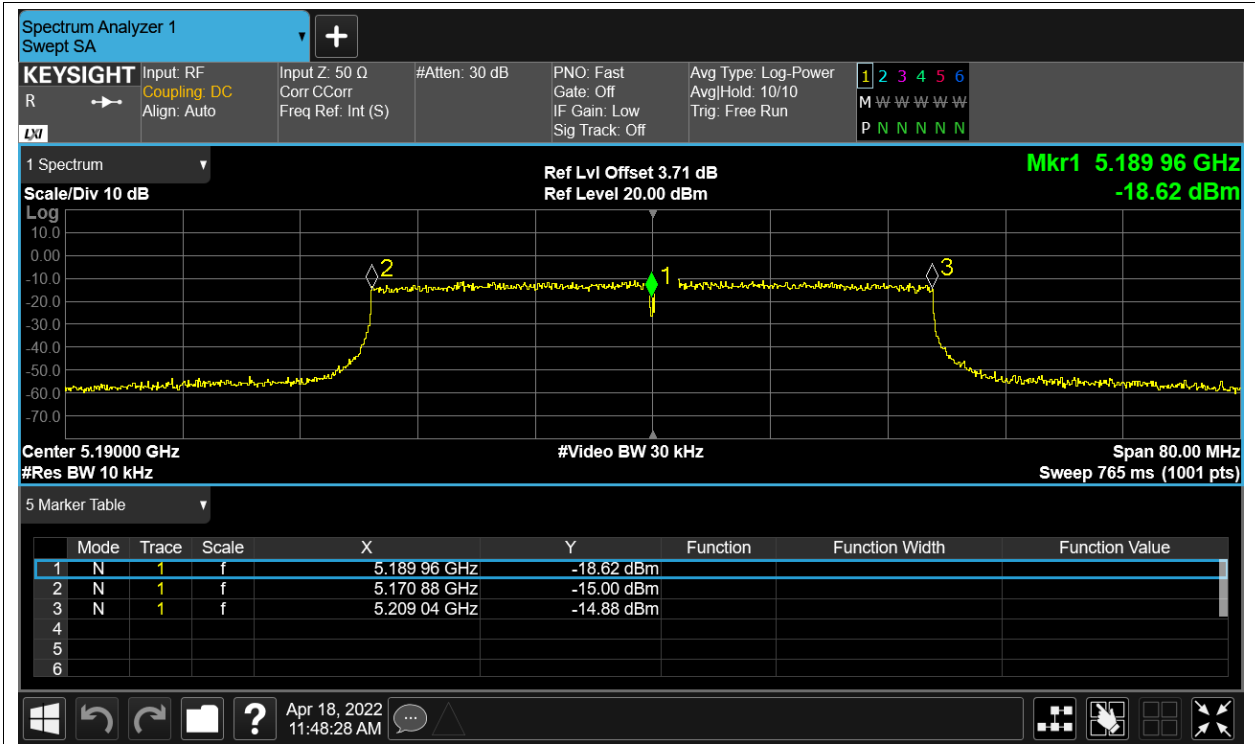
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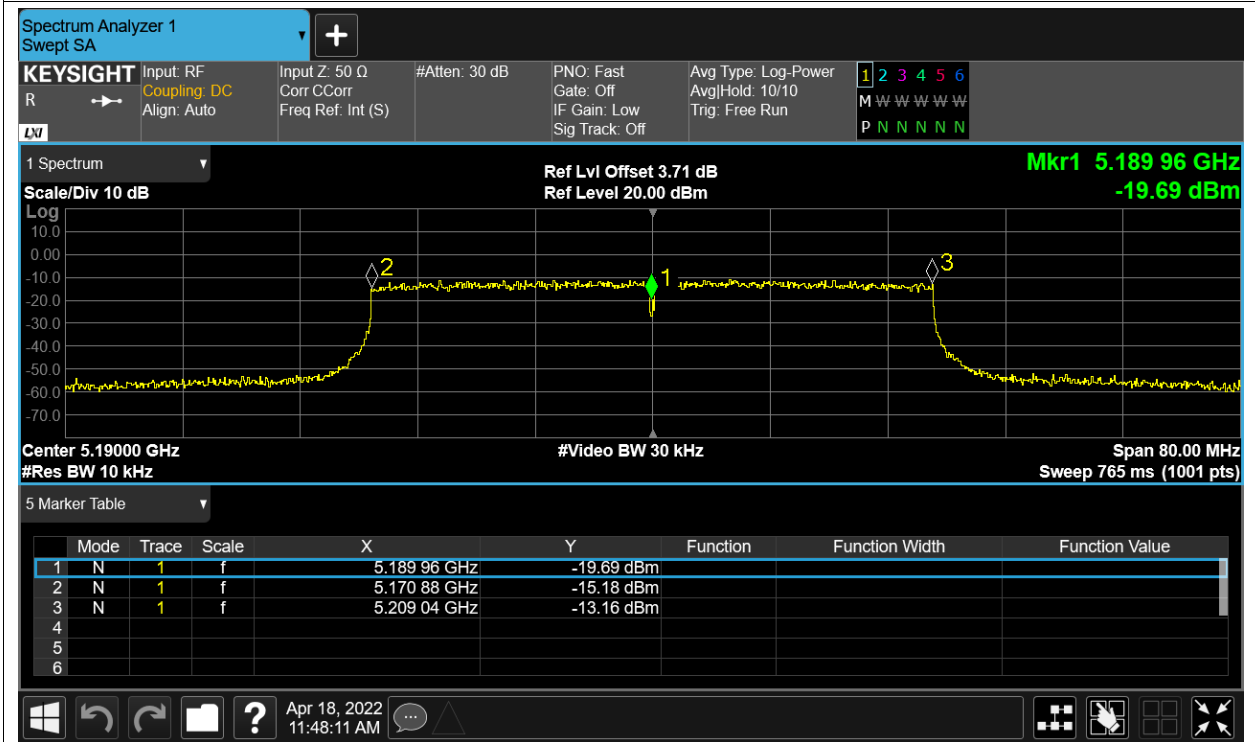
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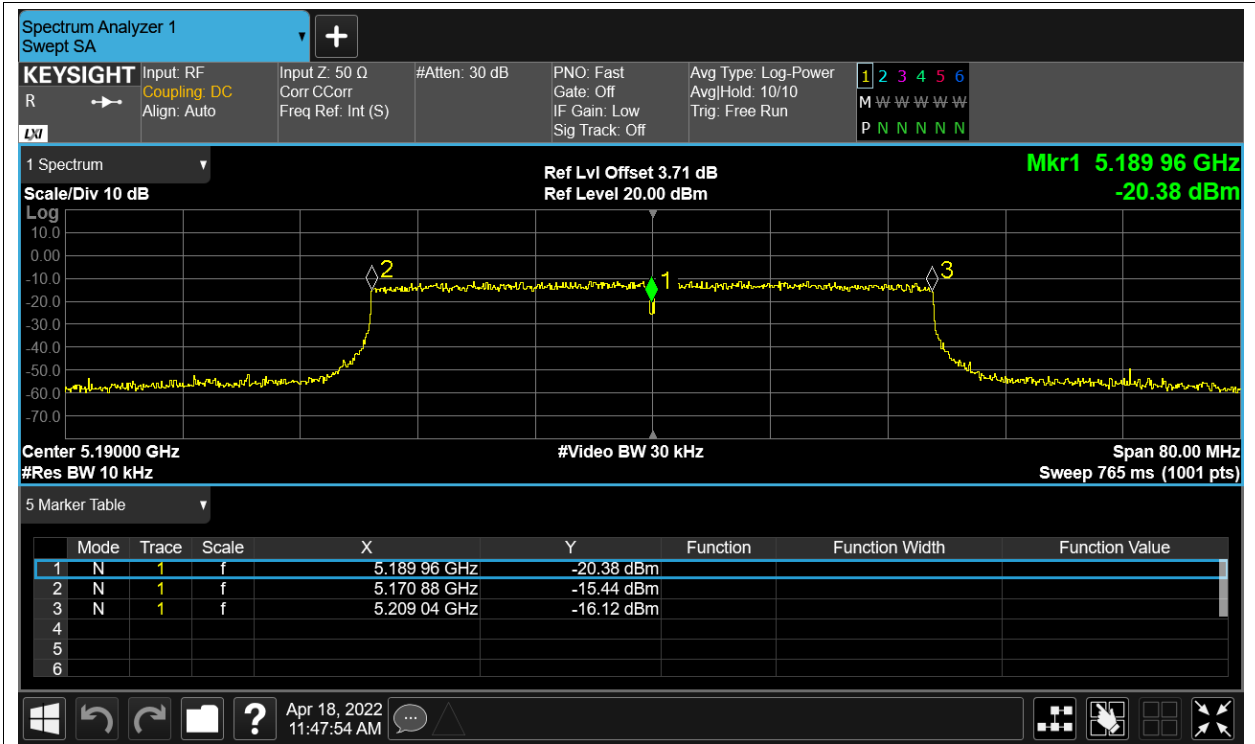
Freq. Stability HVNT ax40 5190MHz Sum



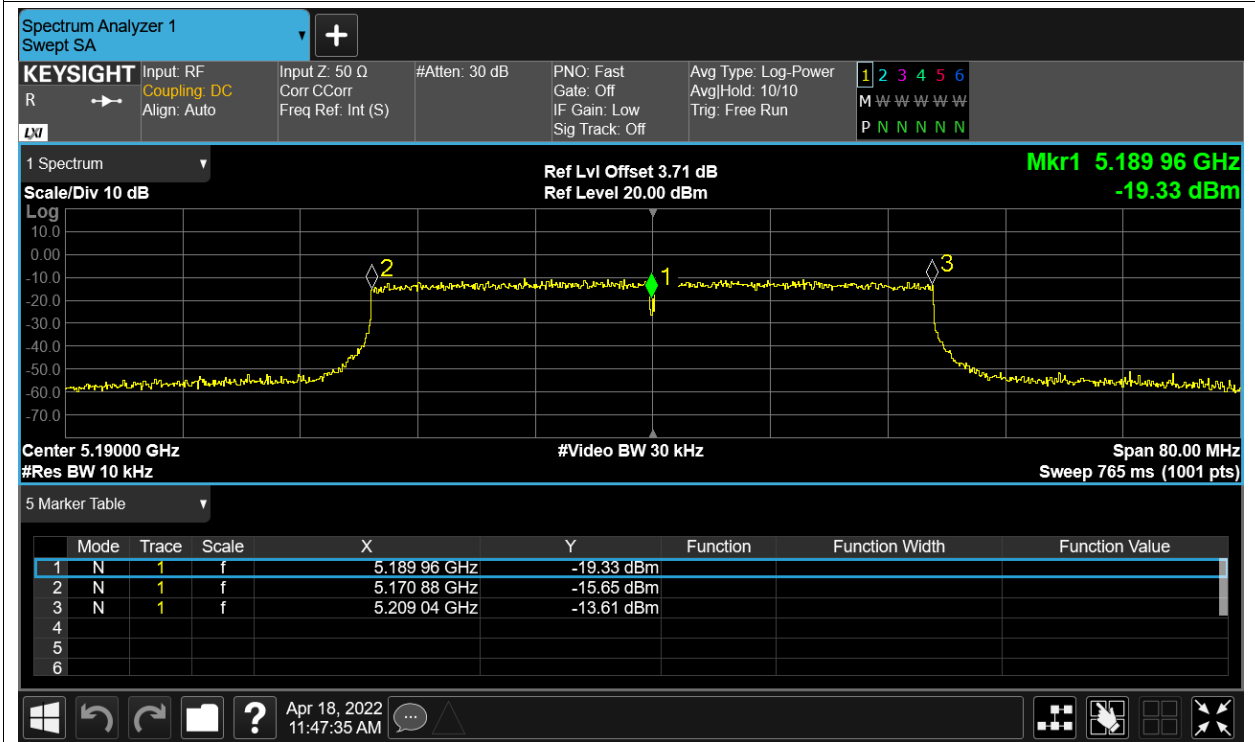
Freq. Stability LVNT ax40 5190MHz Sum



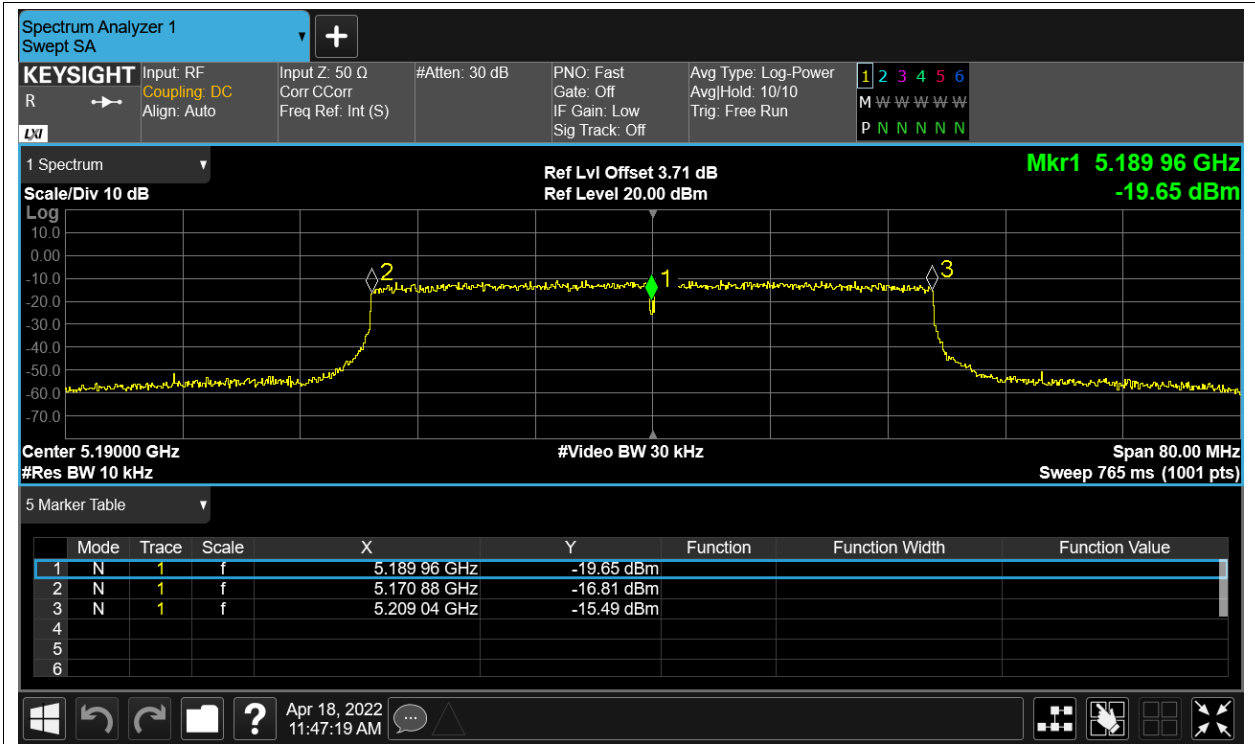
Freq. Stability NVHT ax40 5190MHz Sum



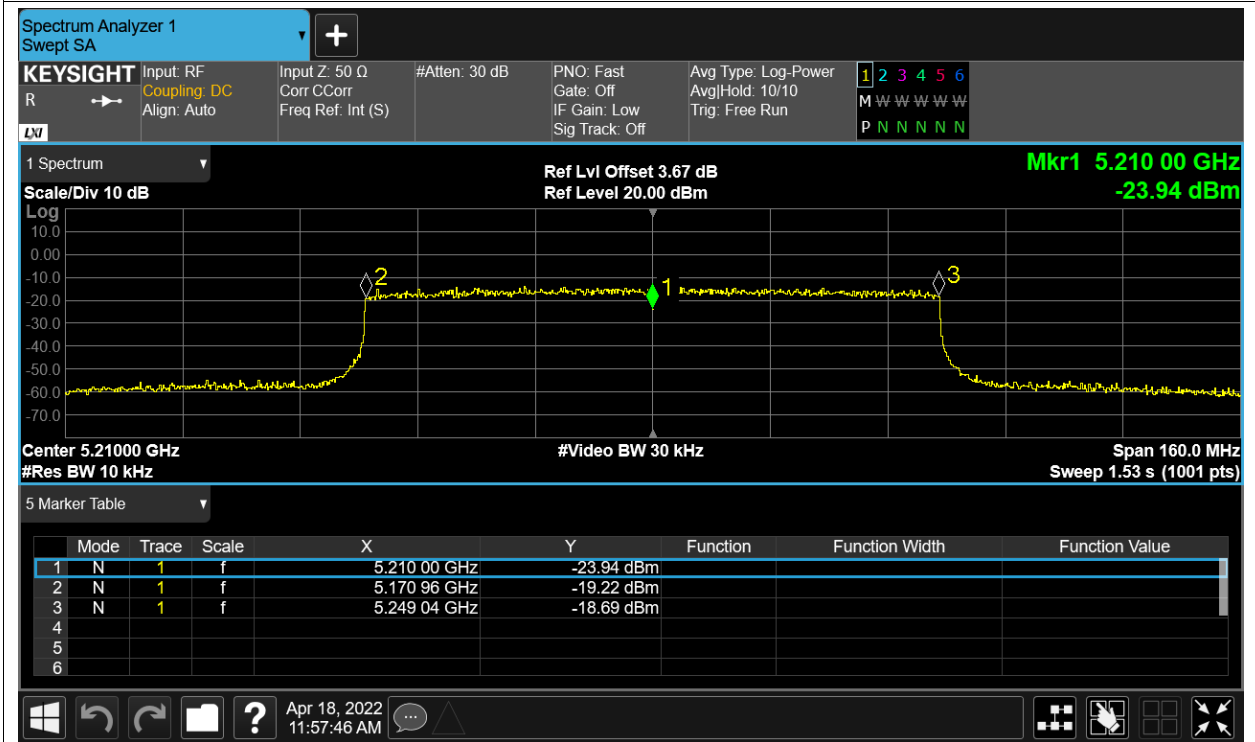
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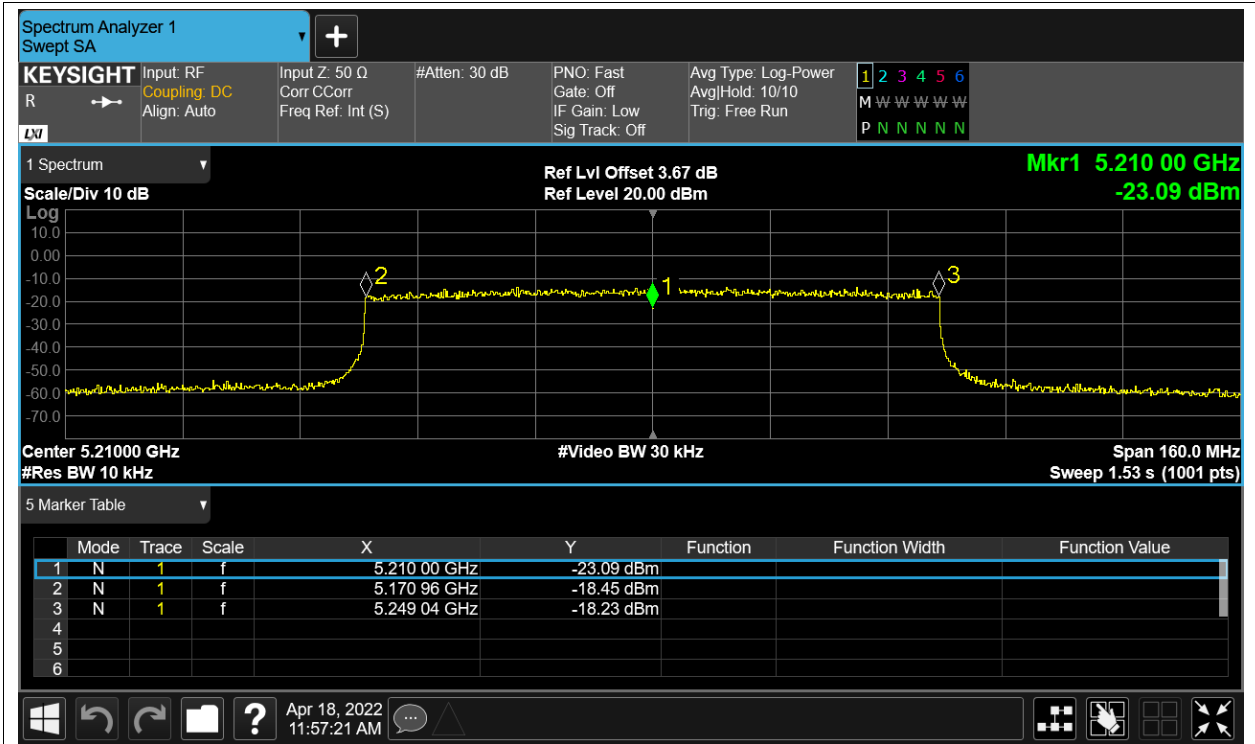
Freq. Stability NVNT ax40 5190MHz Sum



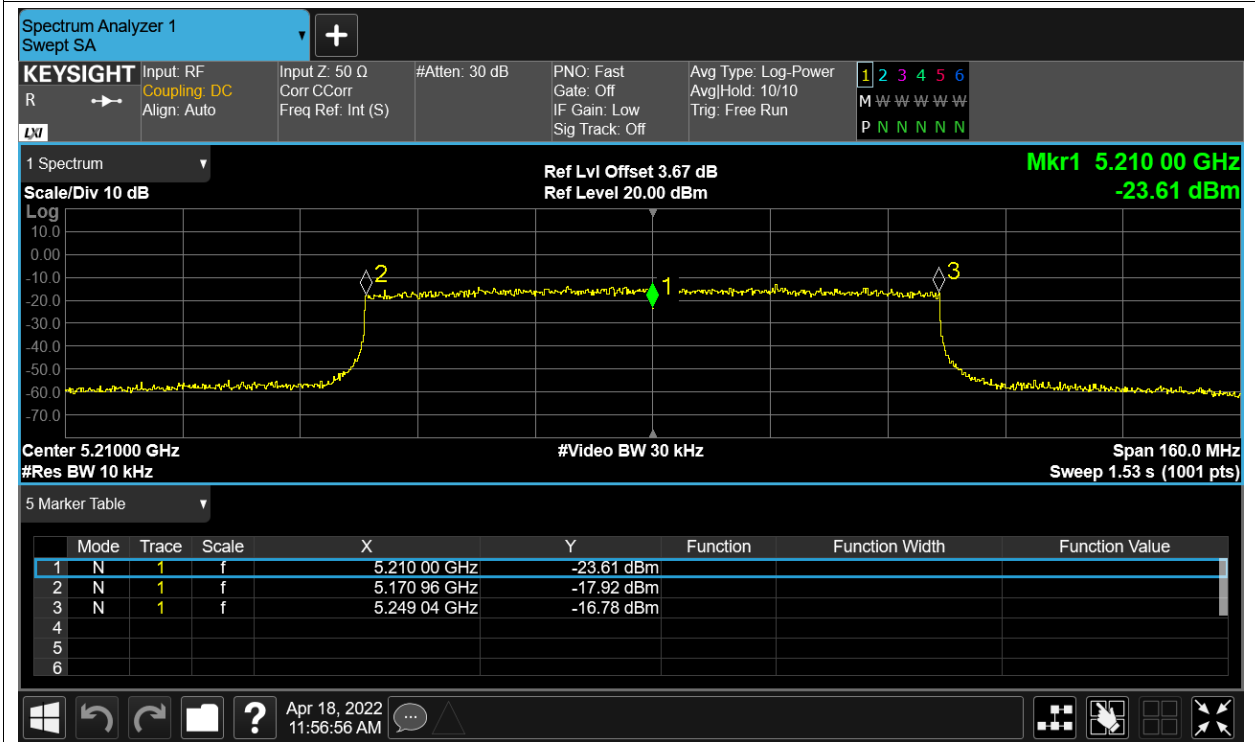
Freq. Stability HVNT ax80 5210MHz Sum



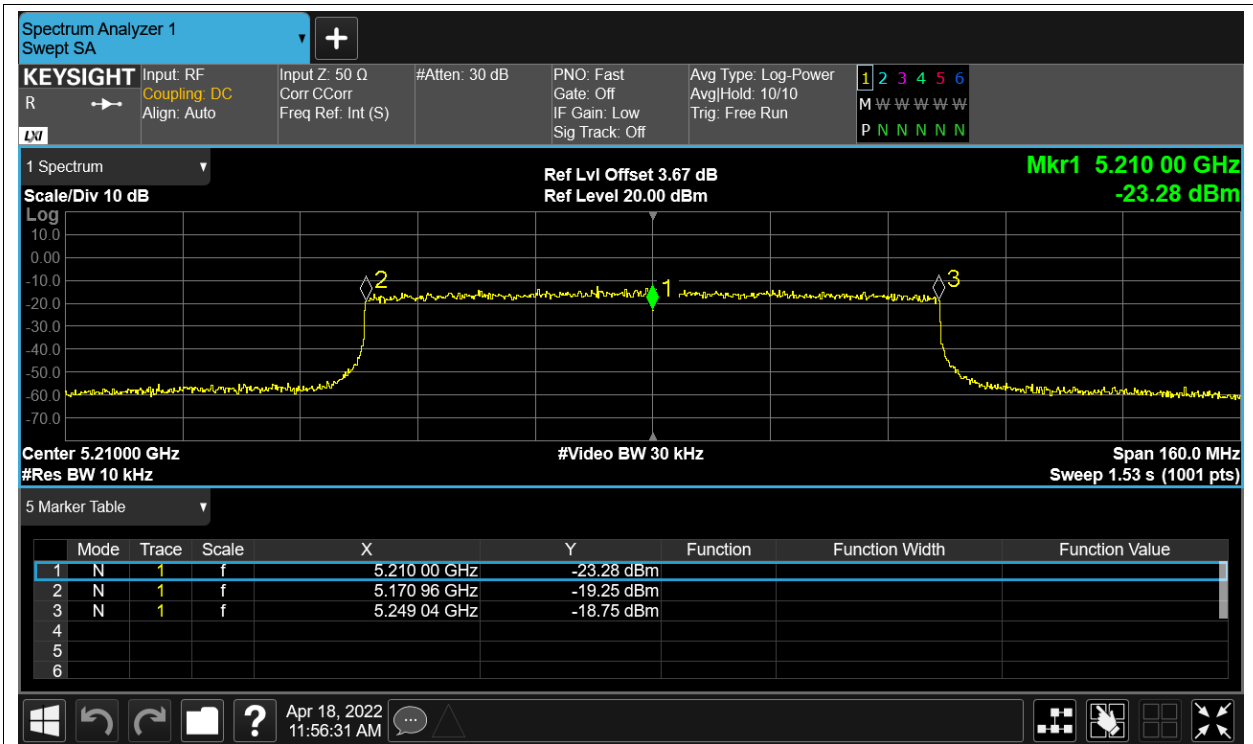
Freq. Stability LVNT ax80 5210MHz Sum



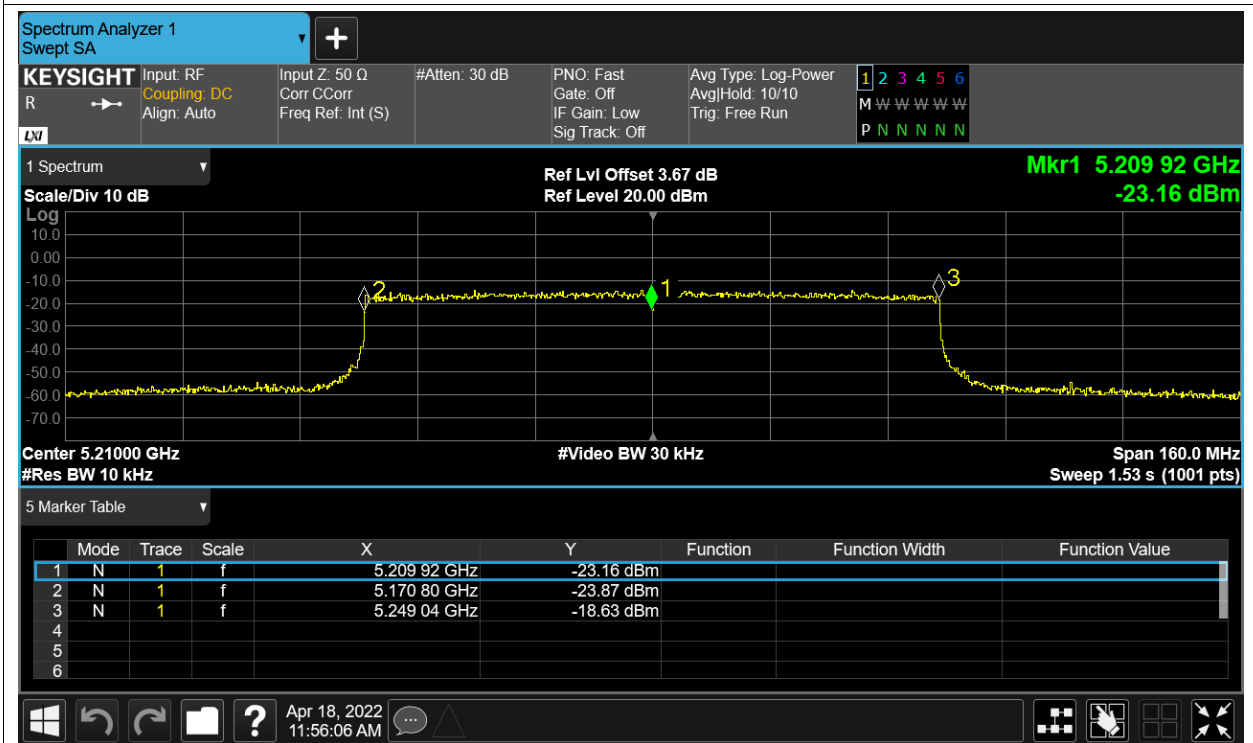
Freq. Stability NVHT ax80 5210MHz Sum



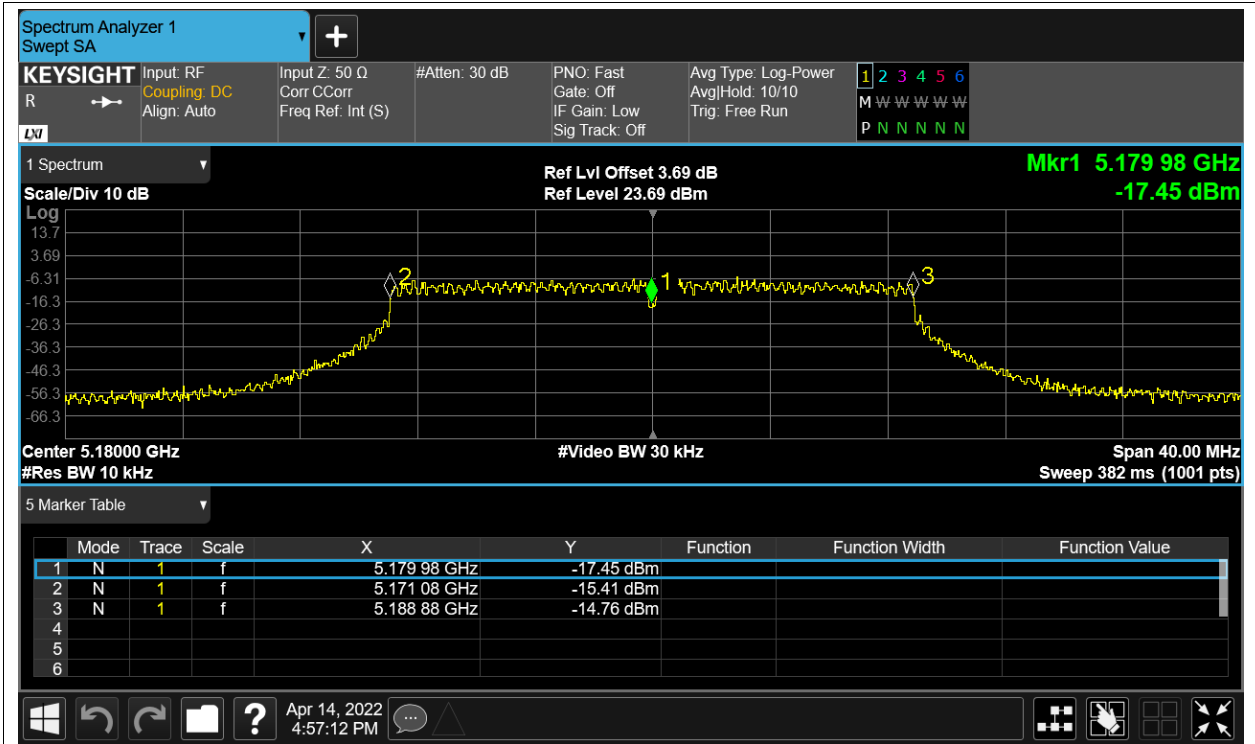
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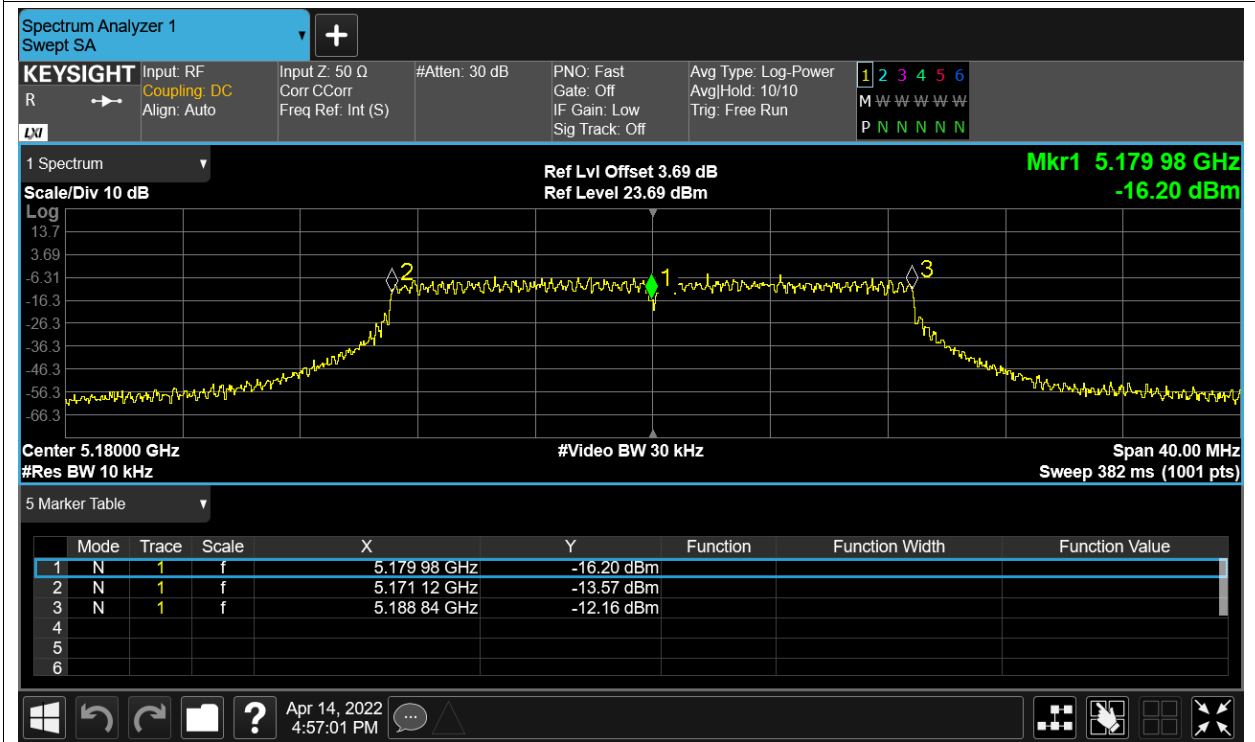
Freq. Stability NVNT ax80 5210MHz Sum



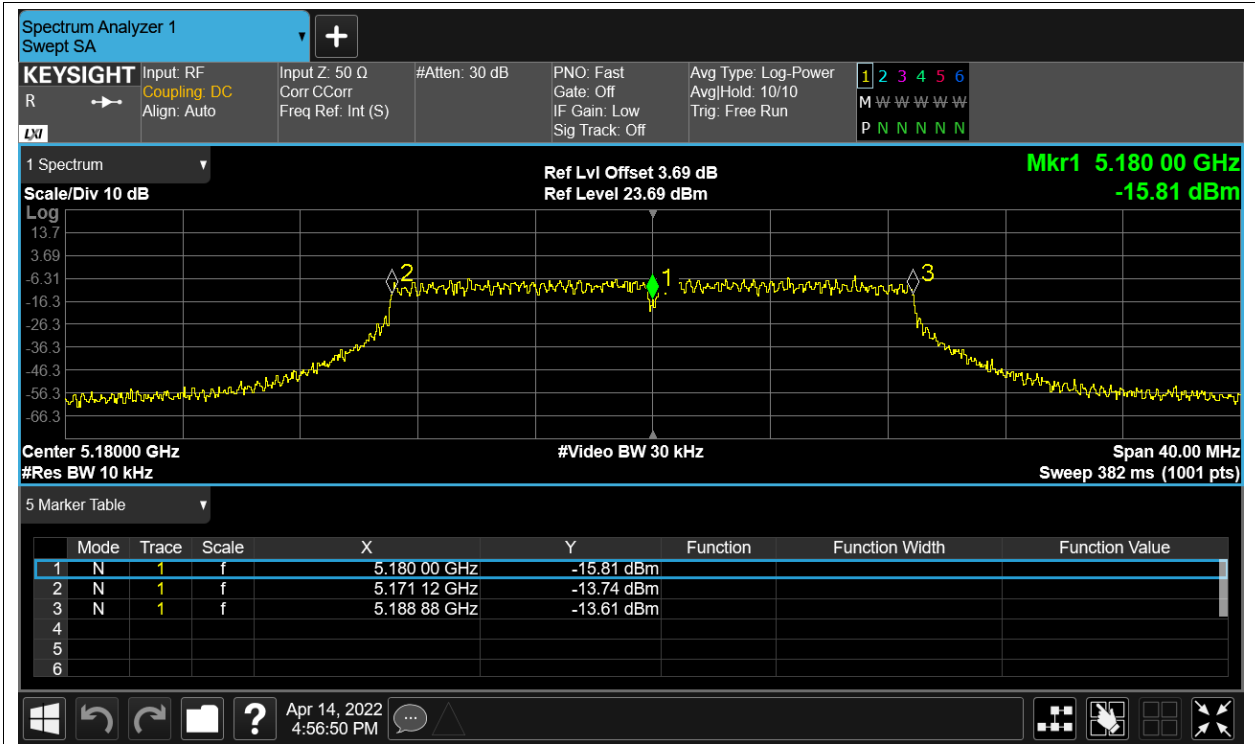
Freq. Stability HVNT n20 5180MHz Sum



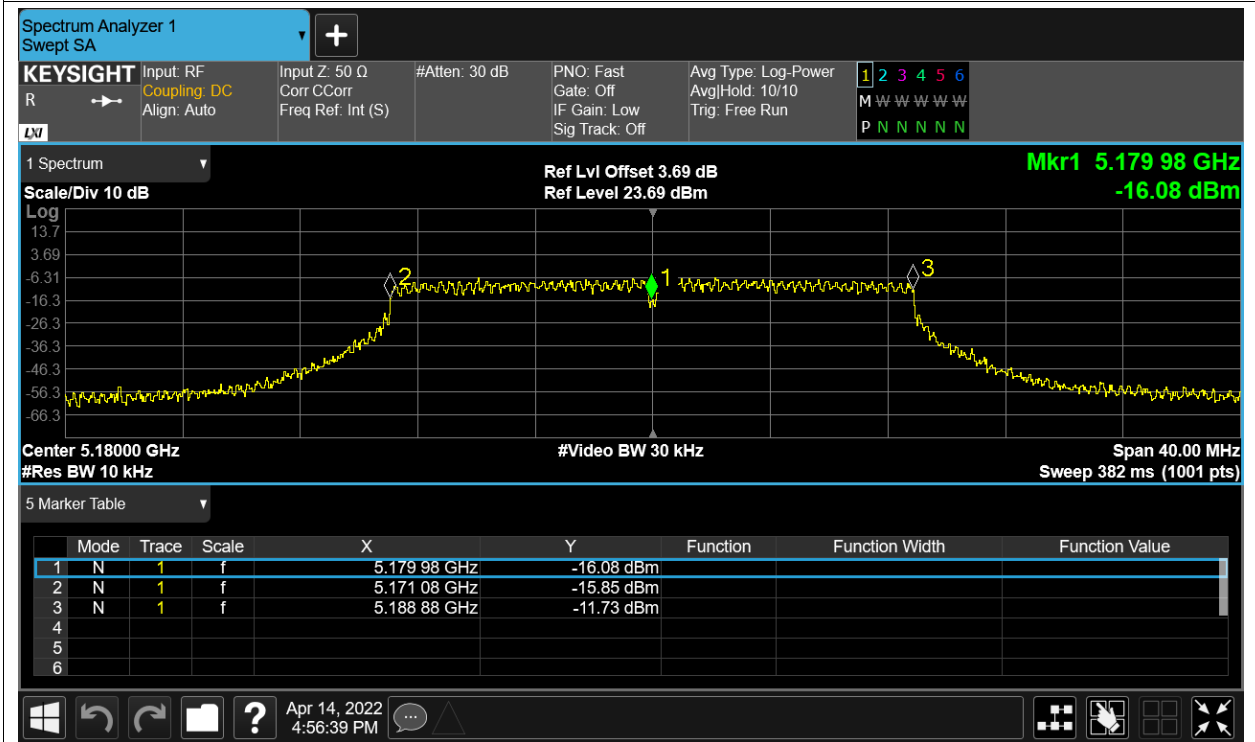
Freq. Stability LVNT n20 5180MHz Sum



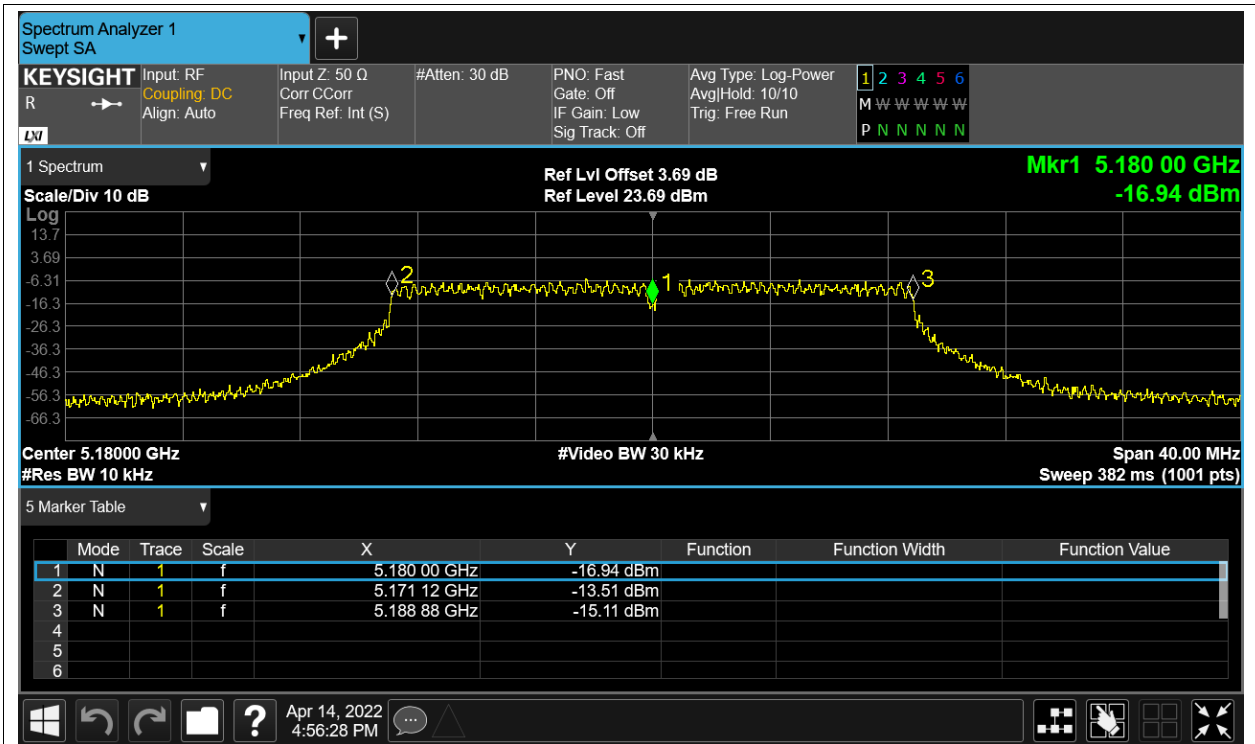
Freq. Stability NVHT n20 5180MHz Sum



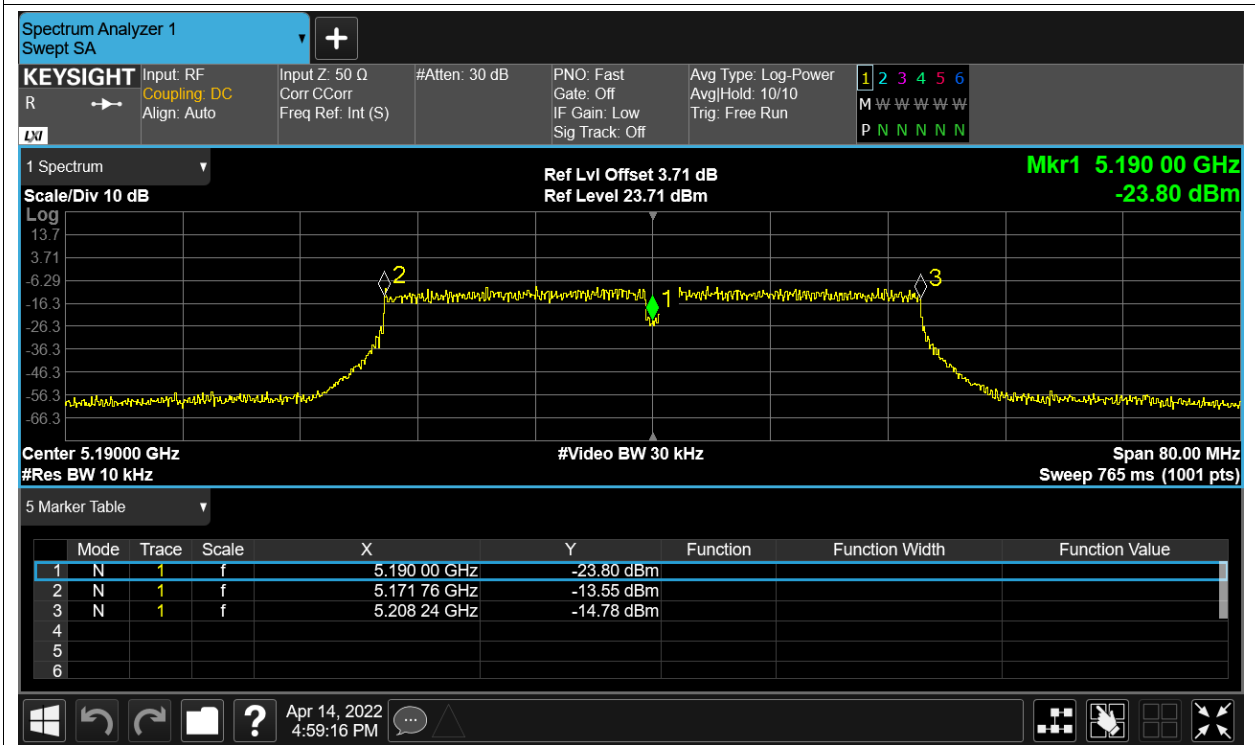
Freq. Stability NVLT n20 5180MHz Sum



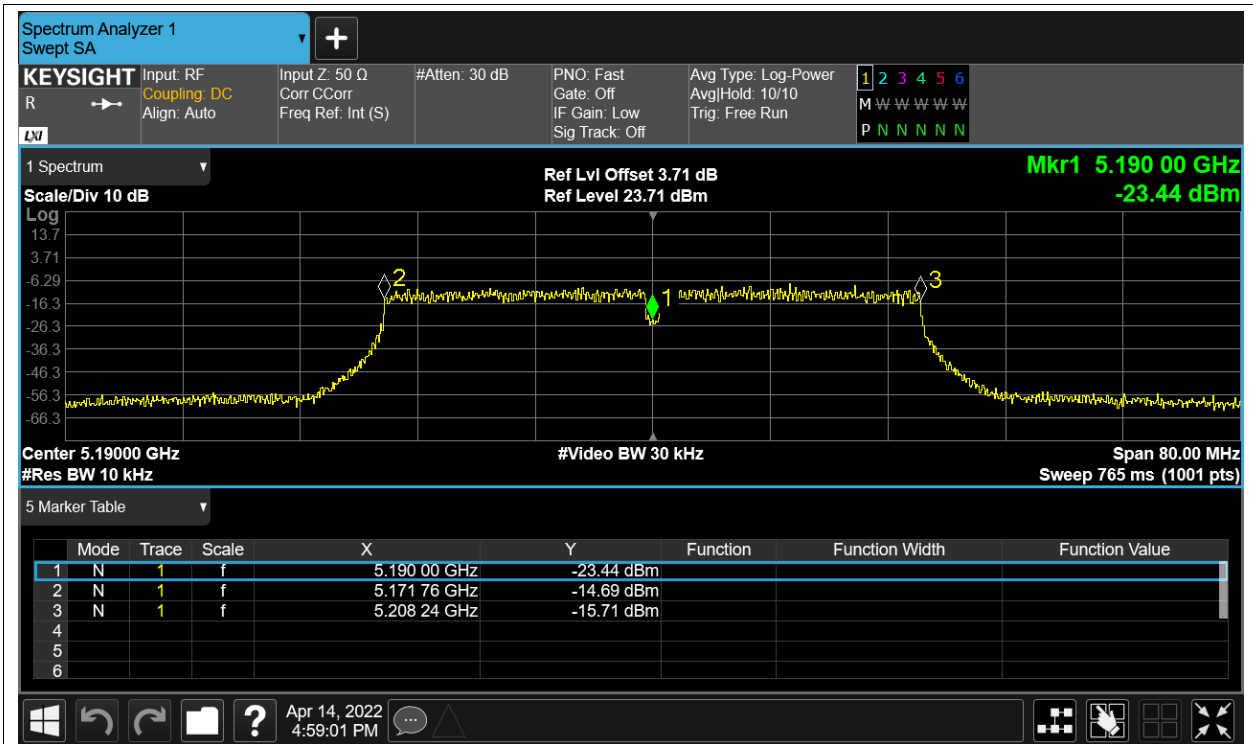
Freq. Stability NVNT n20 5180MHz Sum



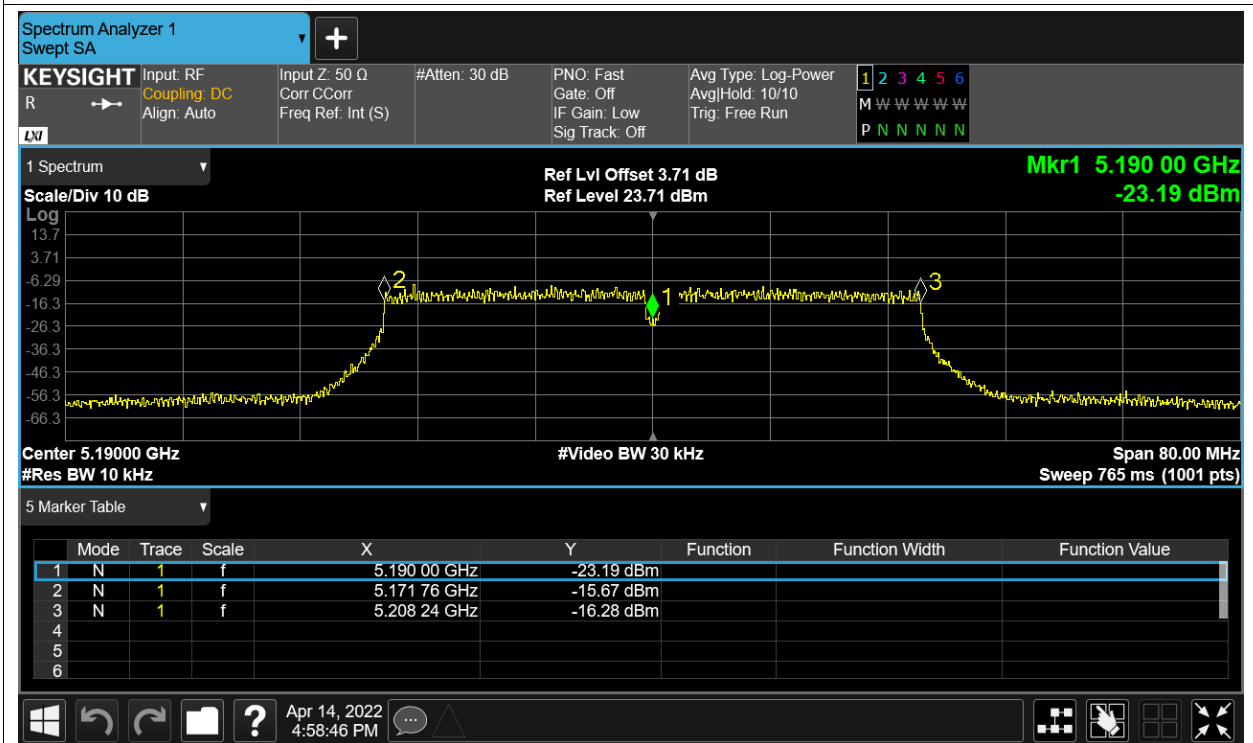
Freq. Stability HVNT n40 5190MHz Sum



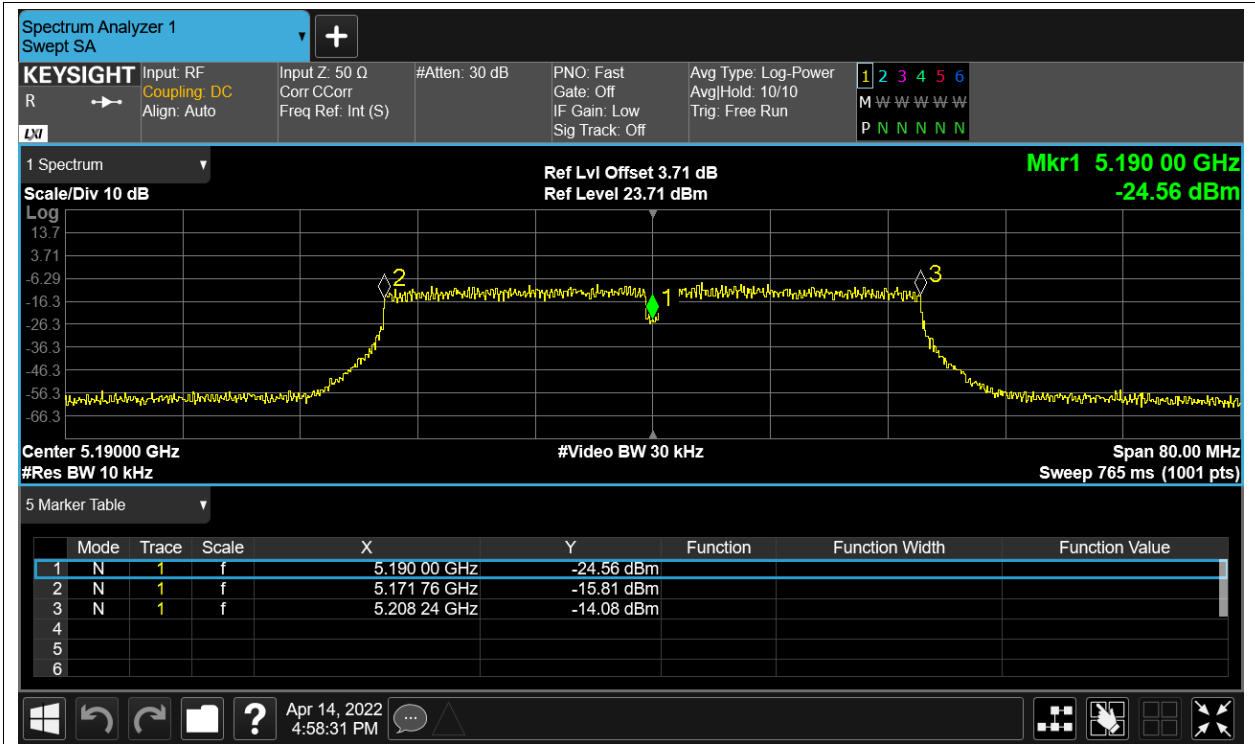
Freq. Stability LVNT n40 5190MHz Sum



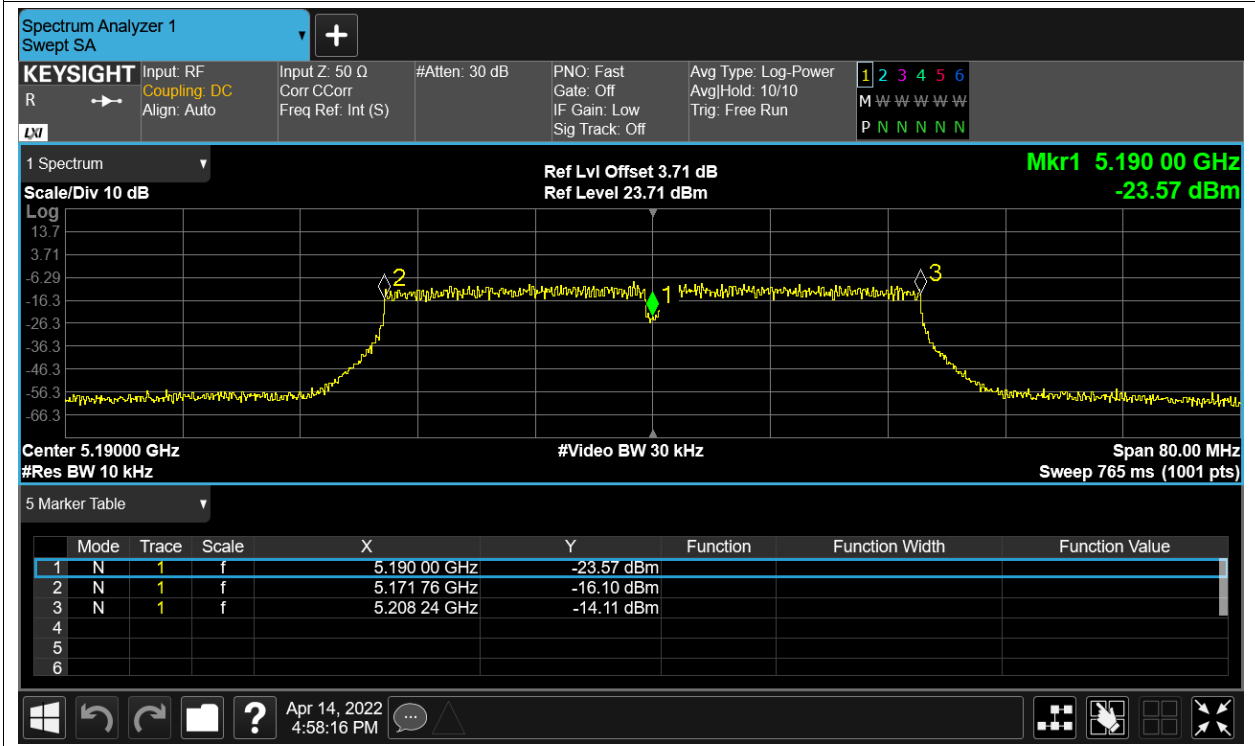
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



Freq. Stability NVNT n40 5190MHz Sum



Duty Cycle

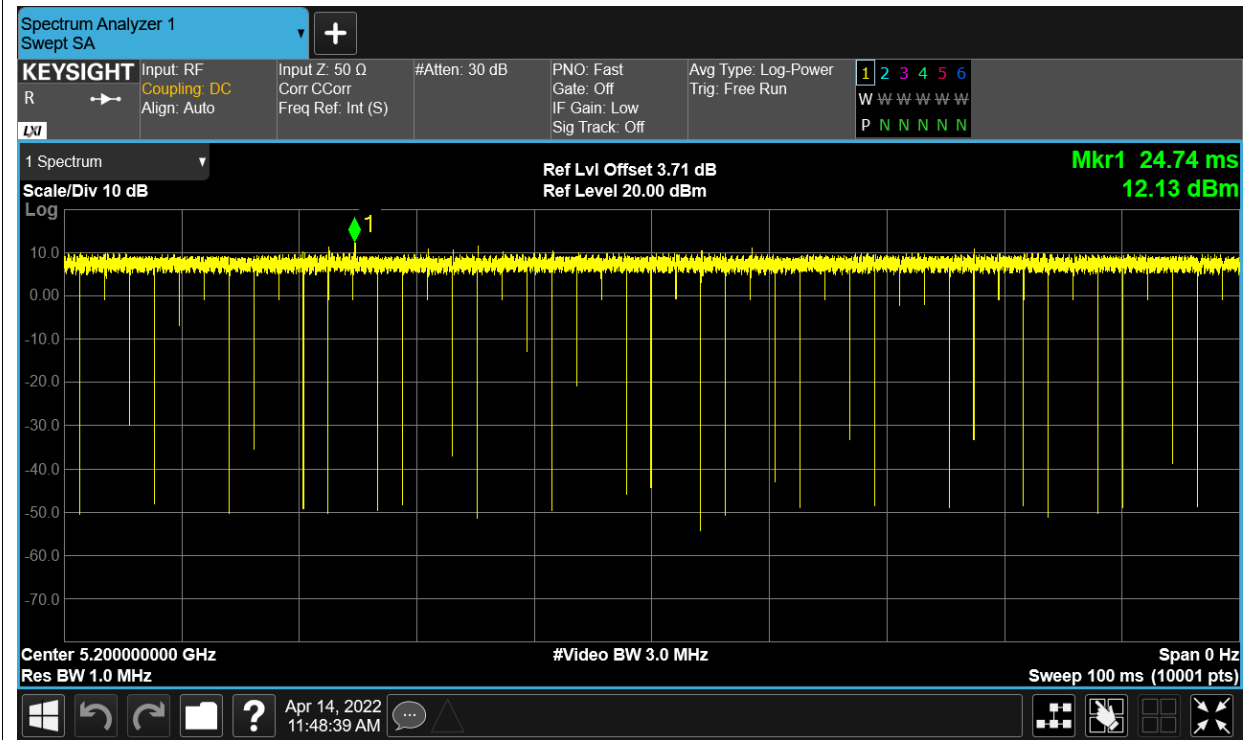
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	99.77	0.01
NVNT	a	5200	Ant1	99.78	0.01
NVNT	a	5240	Ant1	99.76	0.01
NVNT	a	5180	Ant2	99.76	0.01
NVNT	a	5200	Ant2	99.78	0.01
NVNT	a	5240	Ant2	99.73	0.01
NVNT	ac20	5180	Sum	99.88	0.01
NVNT	ac20	5200	Sum	99.91	0
NVNT	ac20	5240	Sum	99.91	0
NVNT	ac40	5190	Sum	99.96	0
NVNT	ac40	5230	Sum	99.92	0
NVNT	ac80	5210	Sum	99.9	0
NVNT	ax20	5180	Sum	99.92	0
NVNT	ax20	5200	Sum	99.92	0
NVNT	ax20	5240	Sum	99.91	0
NVNT	ax40	5190	Sum	99.9	0
NVNT	ax40	5230	Sum	99.92	0
NVNT	ax80	5210	Sum	99.92	0
NVNT	n20	5180	Sum	99.9	0
NVNT	n20	5200	Sum	99.92	0
NVNT	n20	5240	Sum	99.91	0
NVNT	n40	5190	Sum	99.91	0
NVNT	n40	5230	Sum	99.91	0

Test Graphs

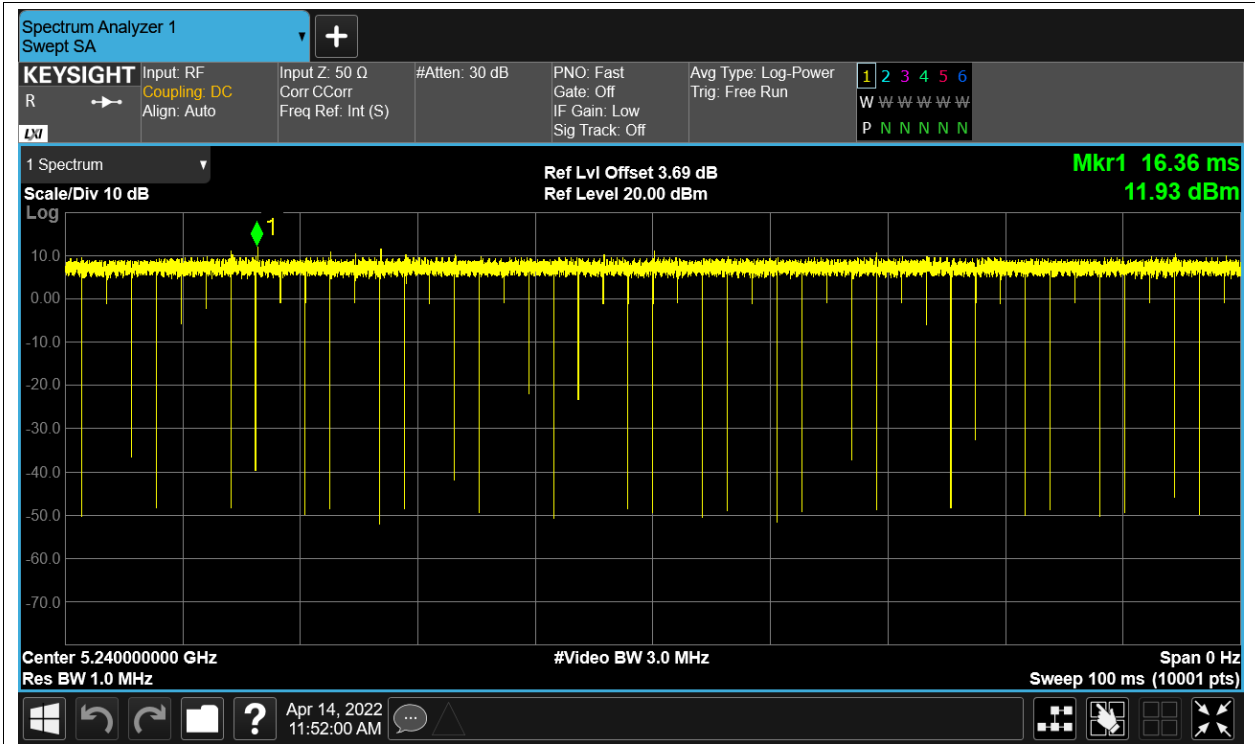
Duty Cycle NVNT a 5180MHz Ant1



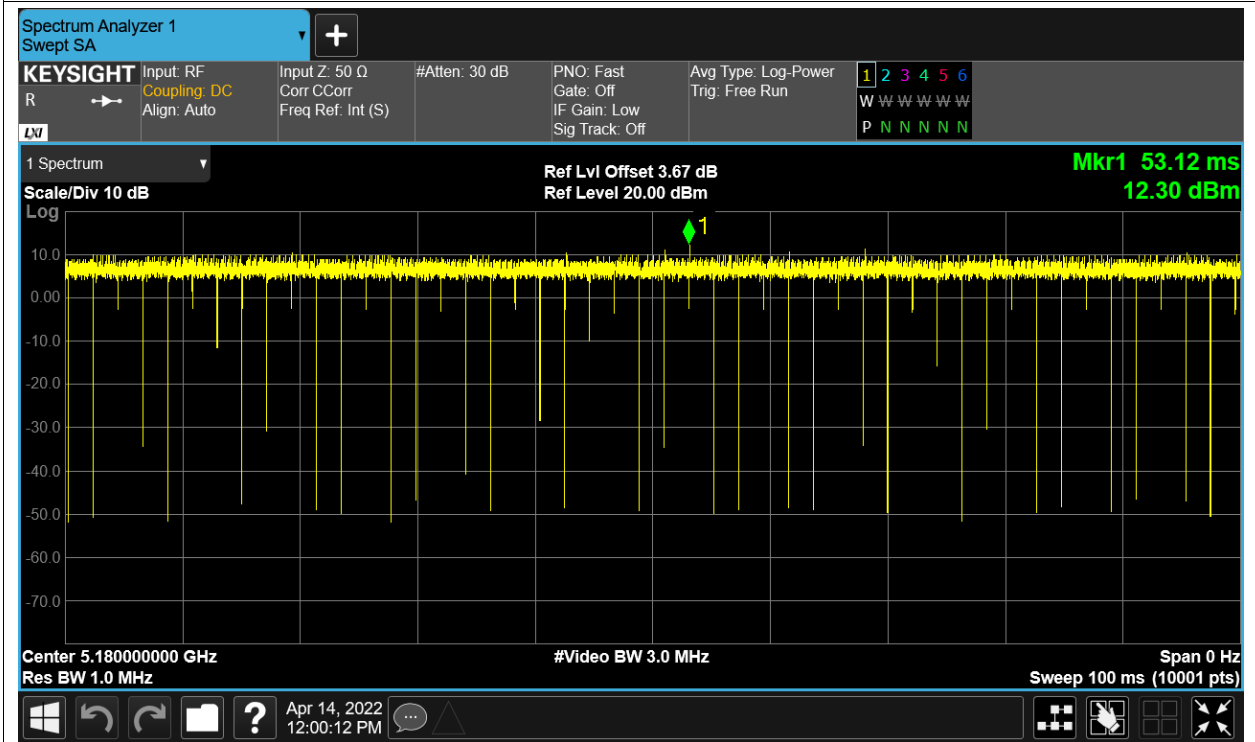
Duty Cycle NVNT a 5200MHz Ant1



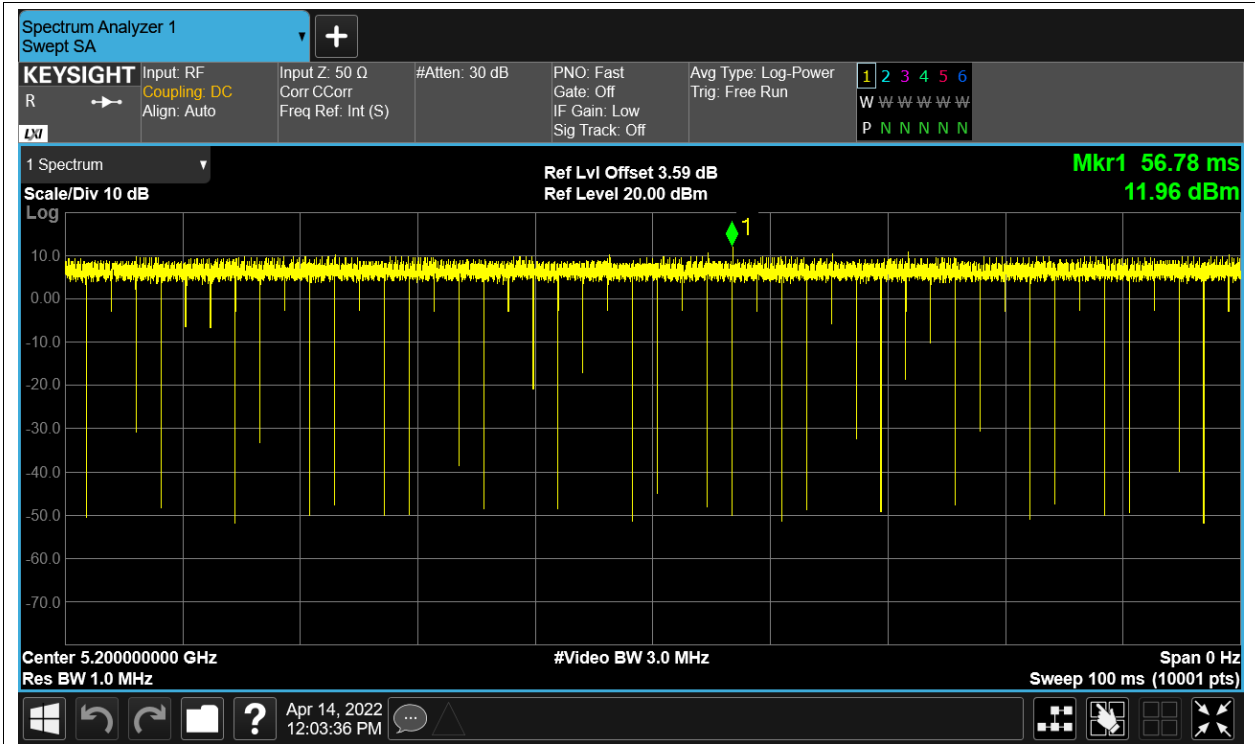
Duty Cycle NVNT a 5240MHz Ant1



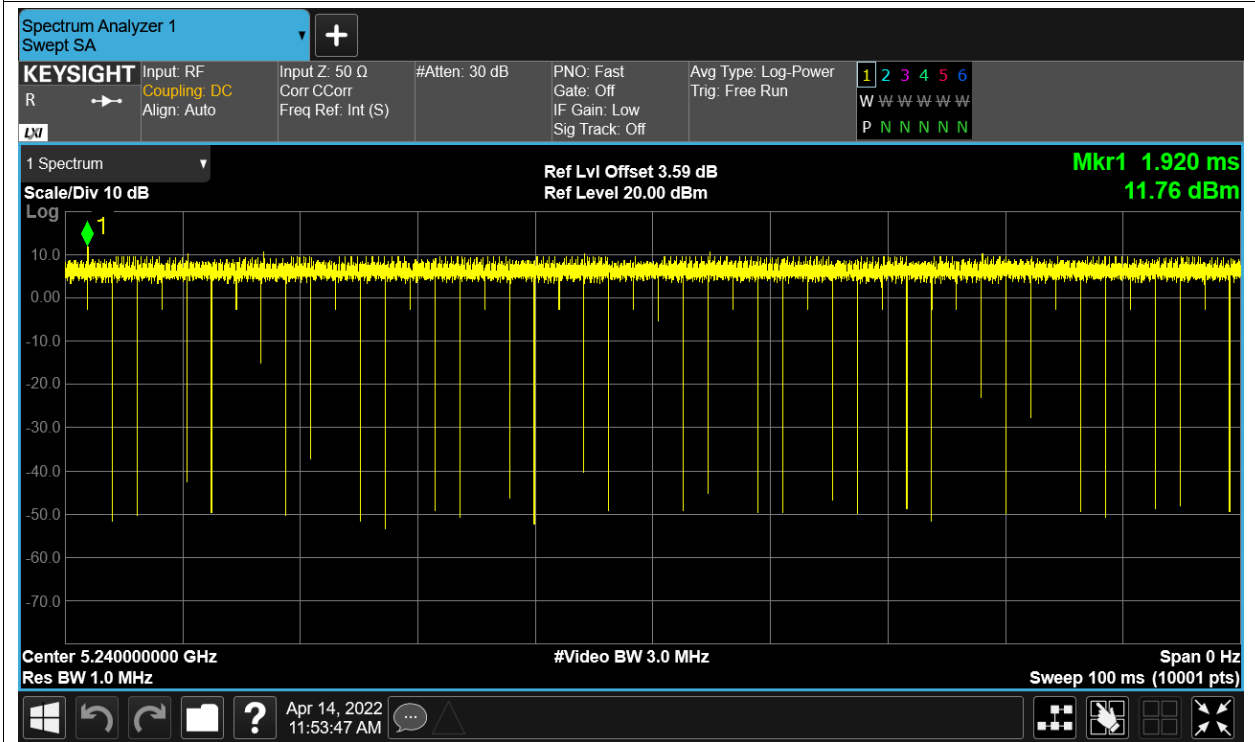
Duty Cycle NVNT a 5180MHz Ant2



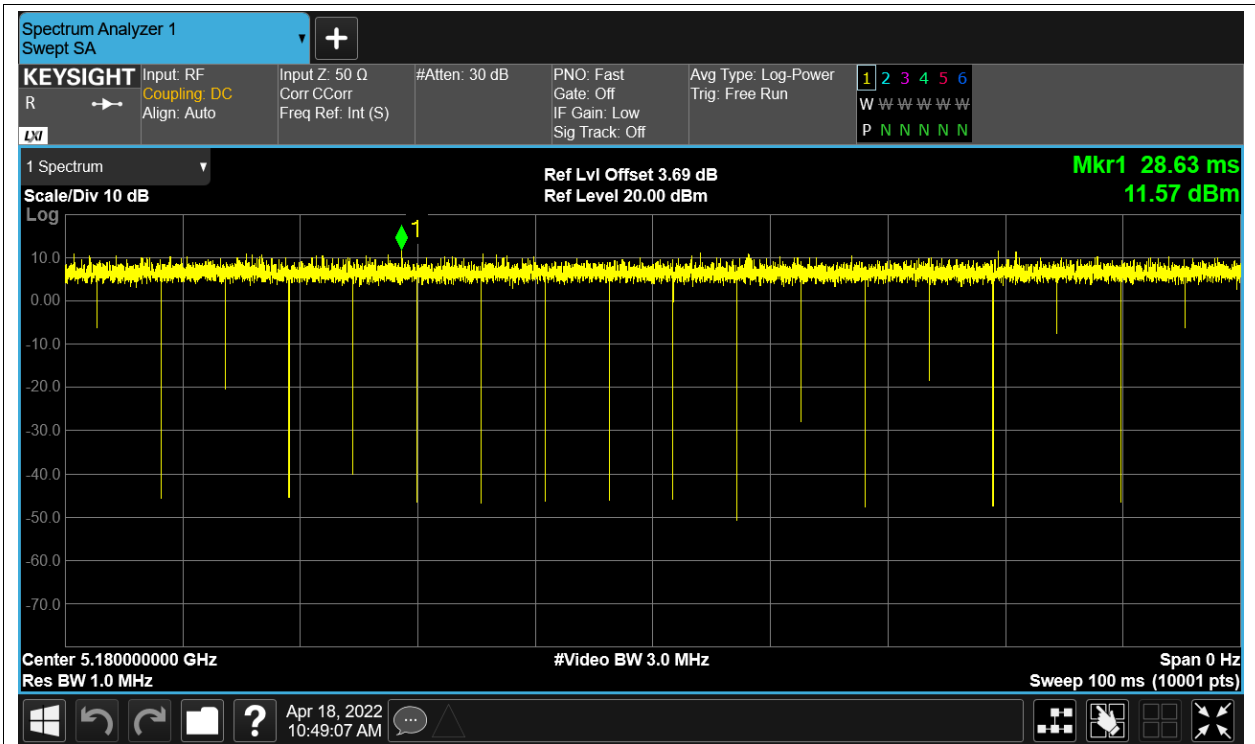
Duty Cycle NVNT a 5200MHz Ant2



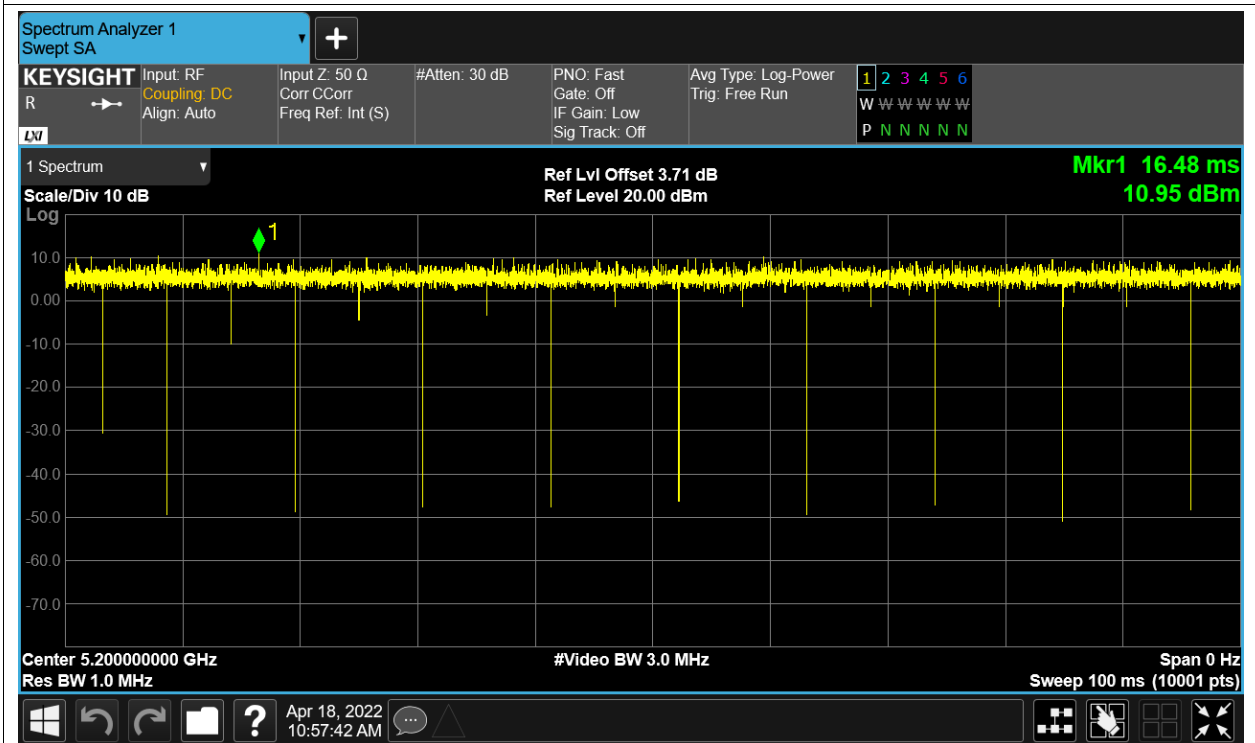
Duty Cycle NVNT a 5240MHz Ant2



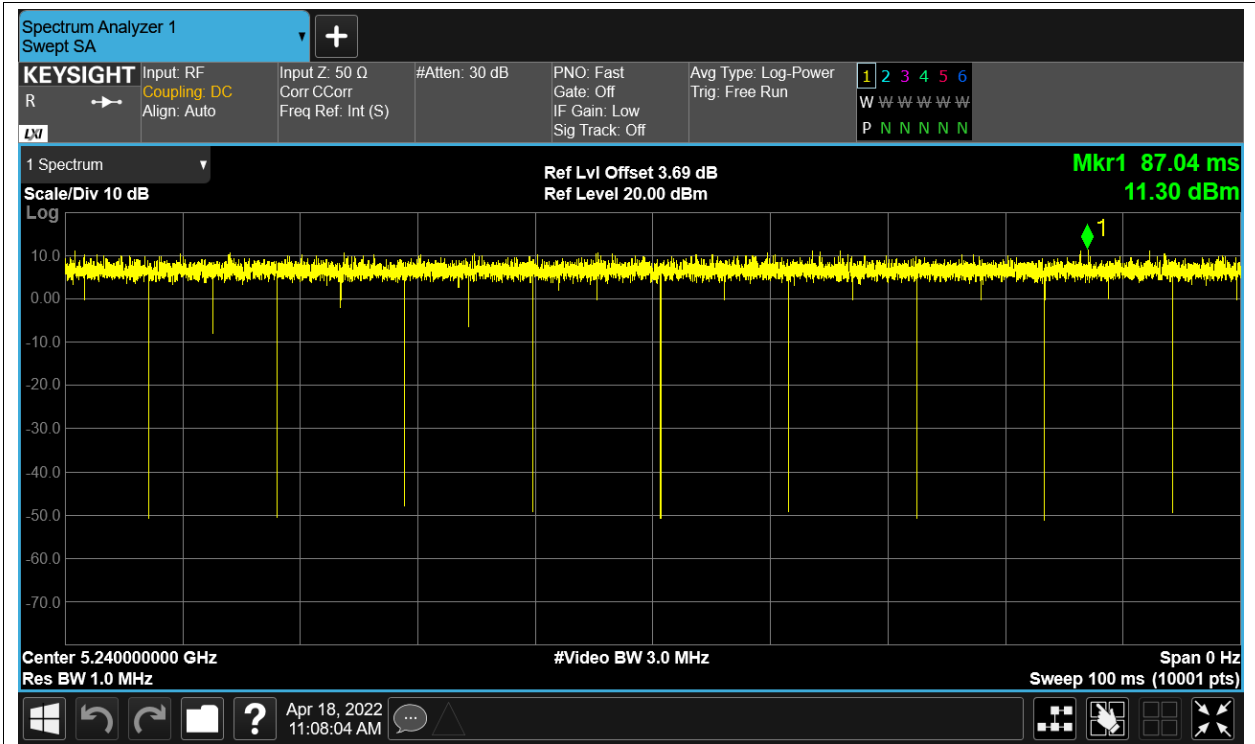
Duty Cycle NVNT ac20 5180MHz Sum



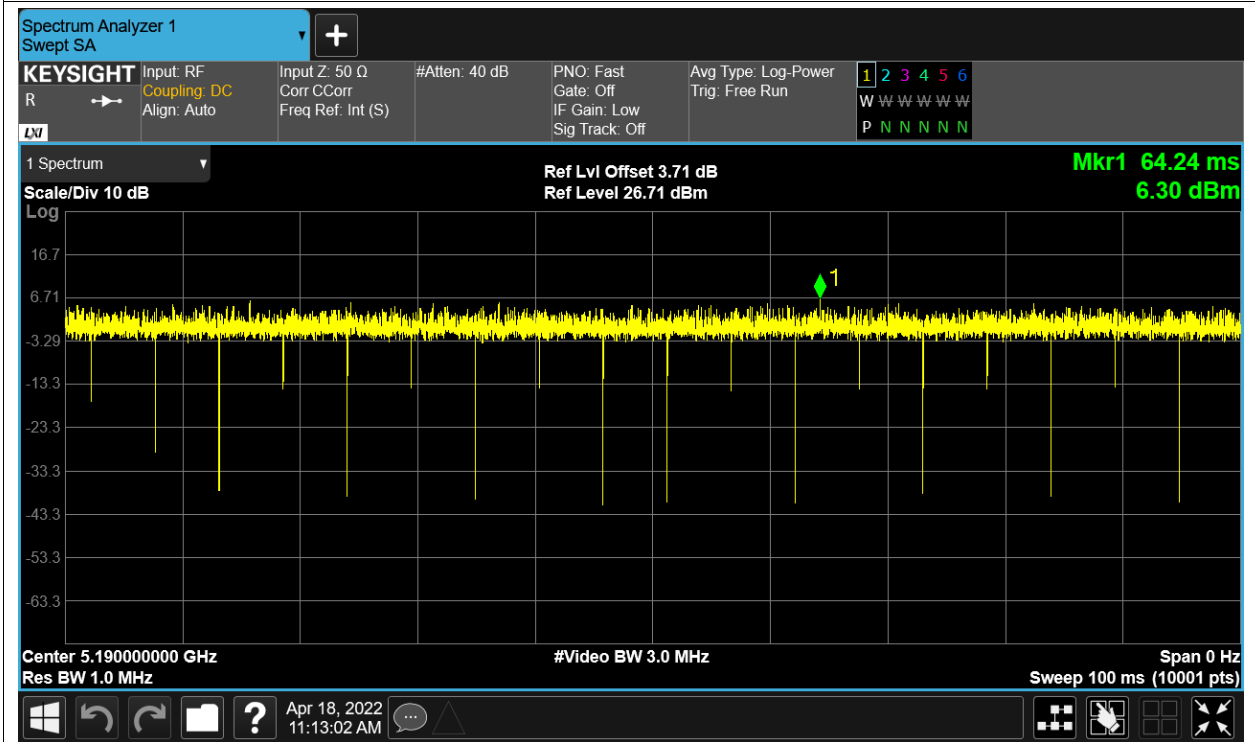
Duty Cycle NVNT ac20 5200MHz Sum



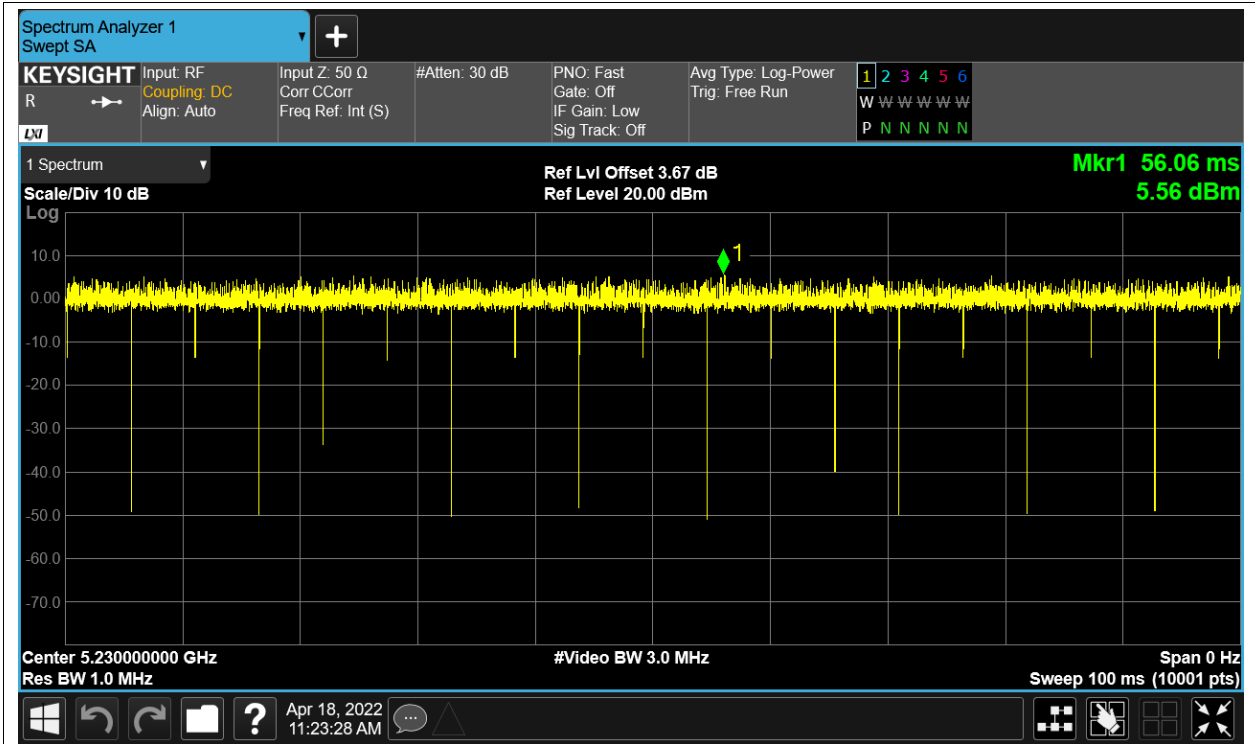
Duty Cycle NVNT ac20 5240MHz Sum



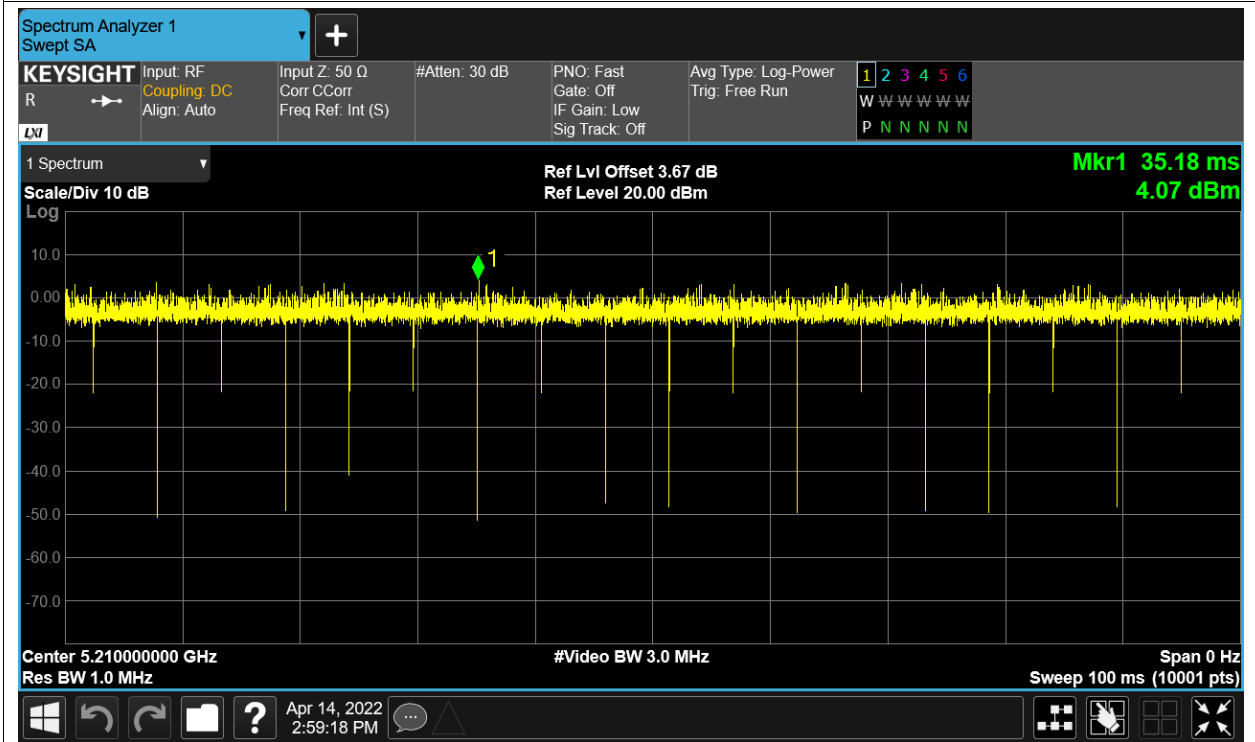
Duty Cycle NVNT ac40 5190MHz Sum



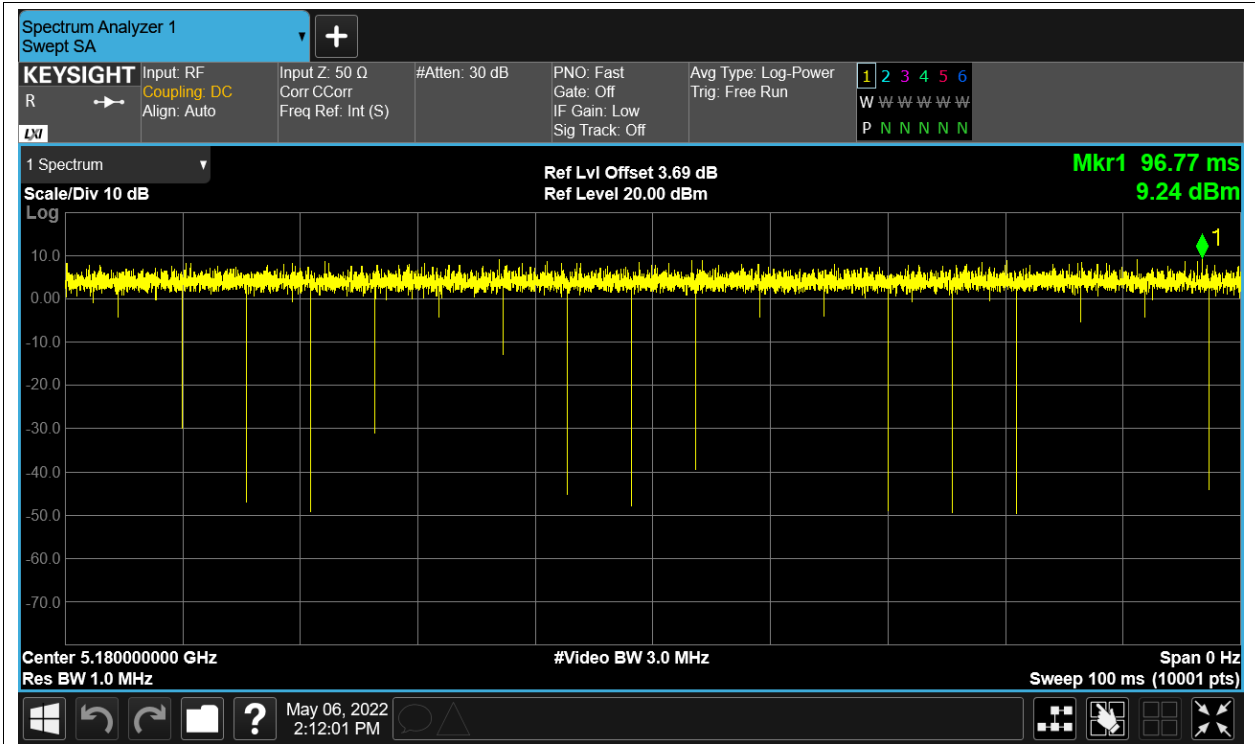
Duty Cycle NVNT ac40 5230MHz Sum



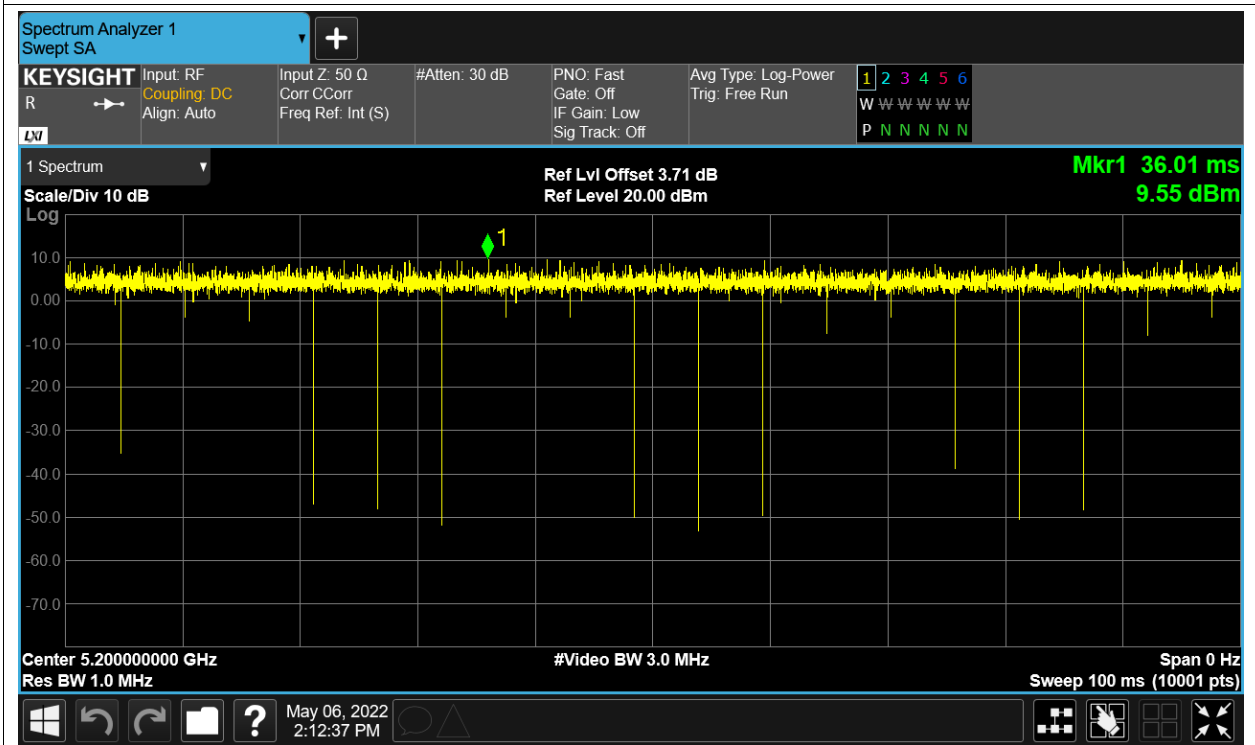
Duty Cycle NVNT ac80 5210MHz Sum



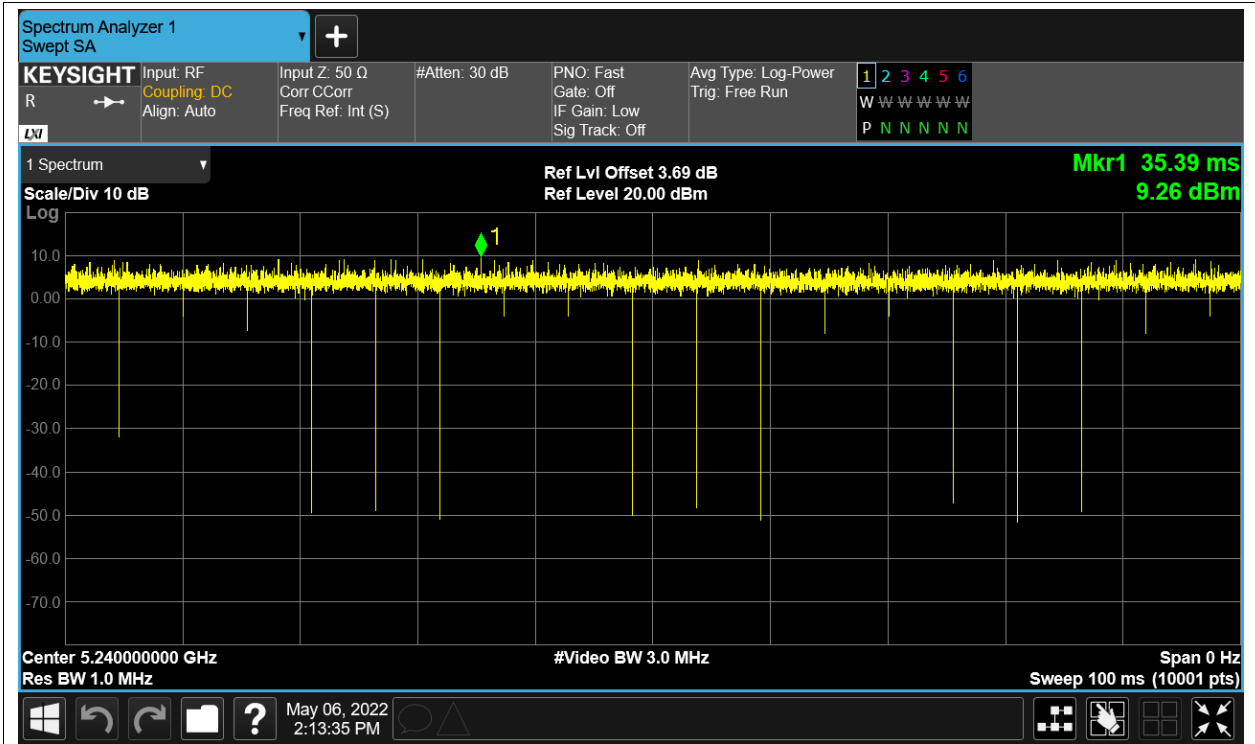
Duty Cycle NVNT ax20 5180MHz Sum



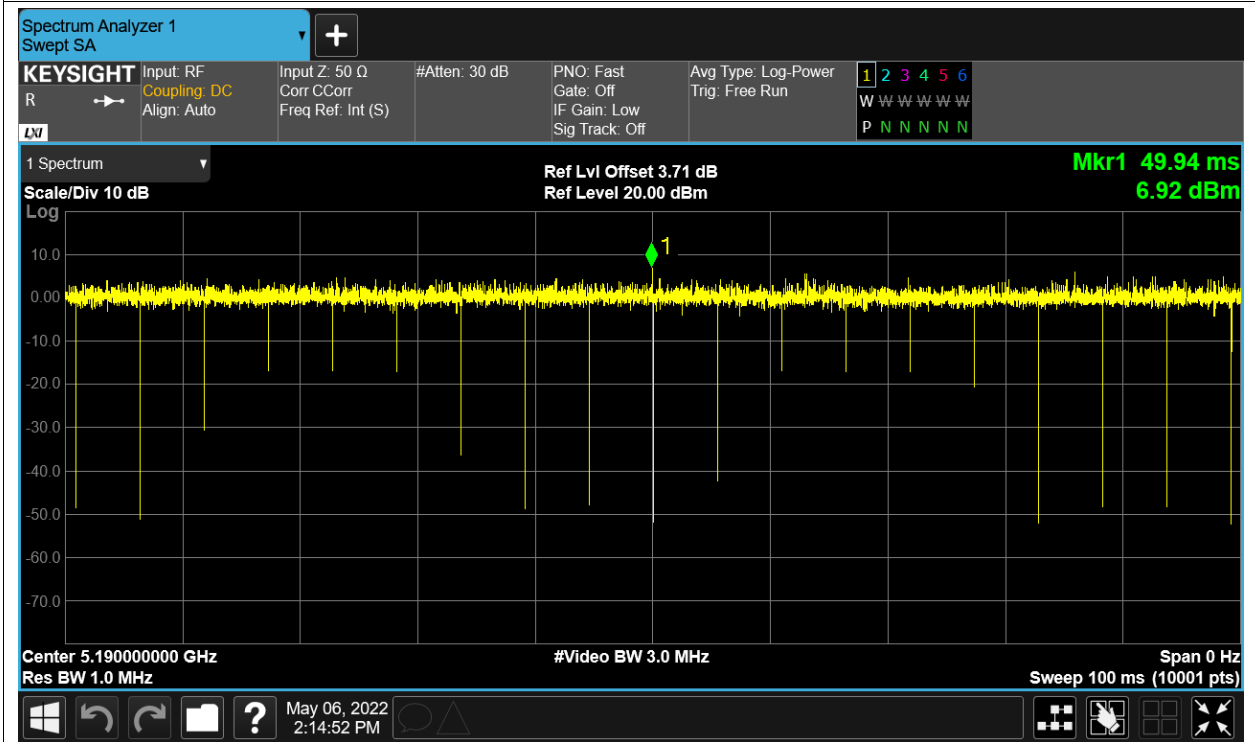
Duty Cycle NVNT ax20 5200MHz Sum



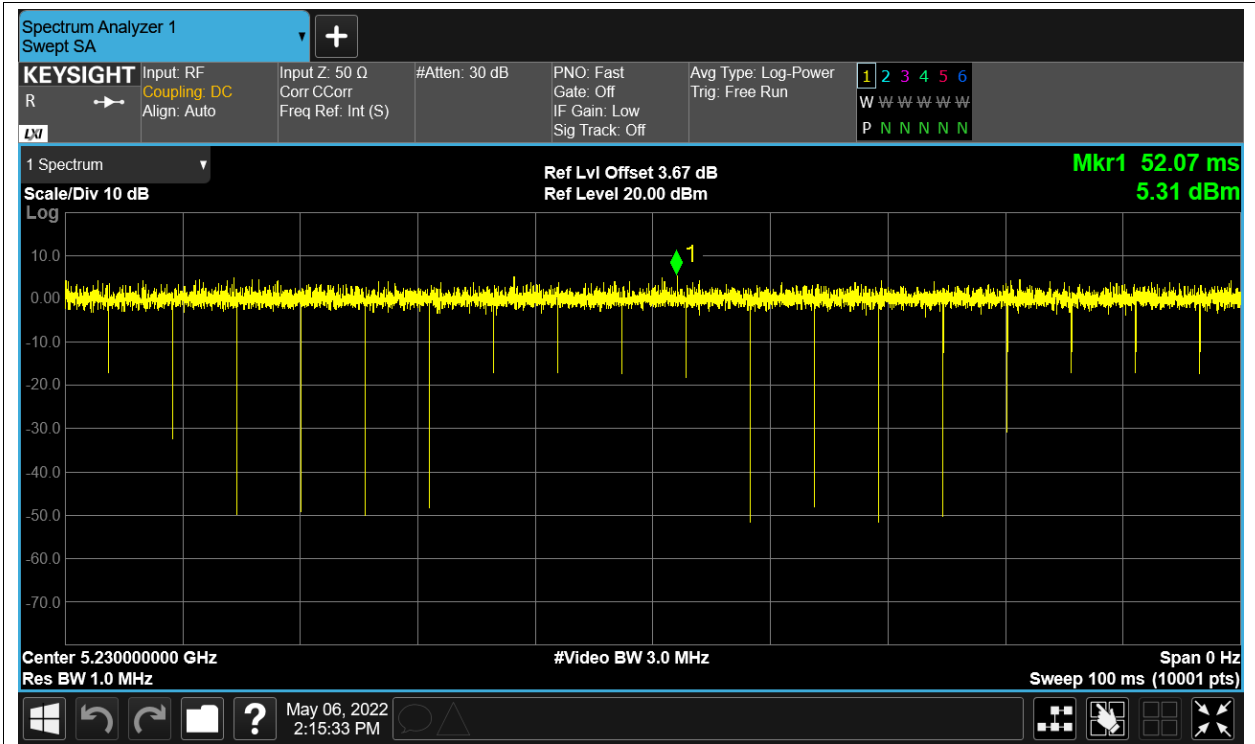
Duty Cycle NVNT ax20 5240MHz Sum



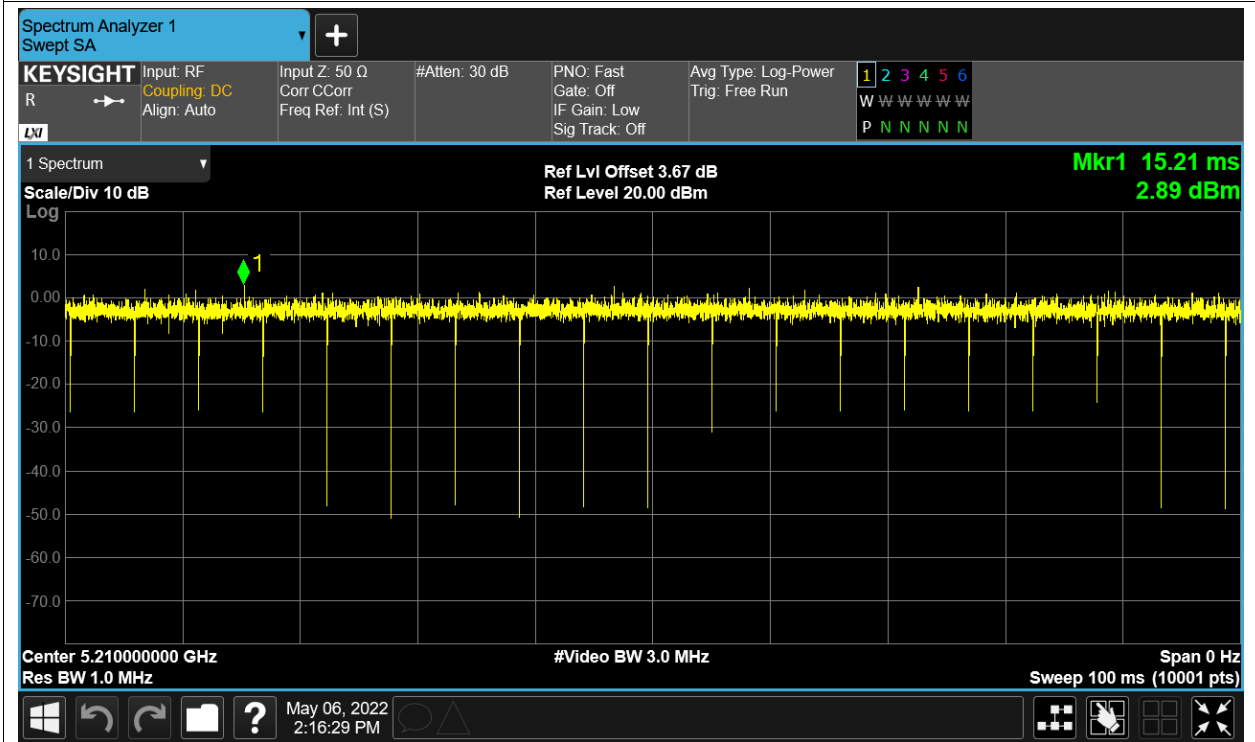
Duty Cycle NVNT ax40 5190MHz Sum



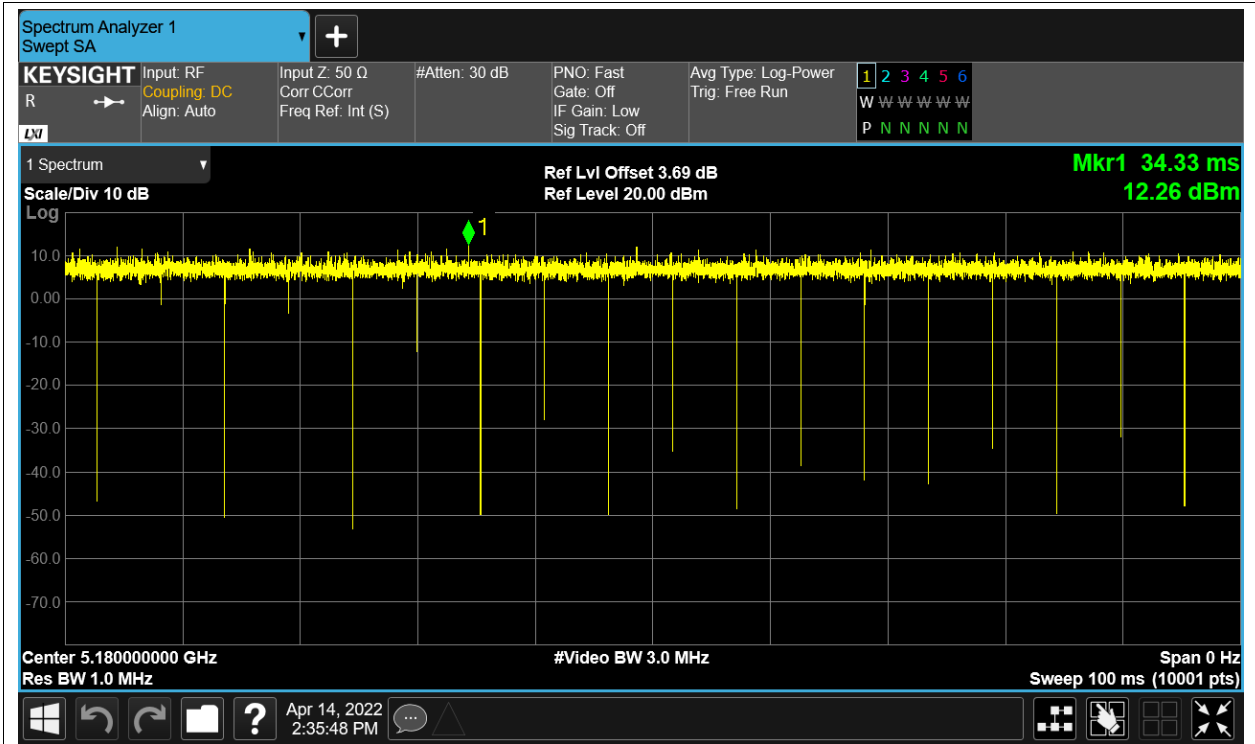
Duty Cycle NVNT ax40 5230MHz Sum



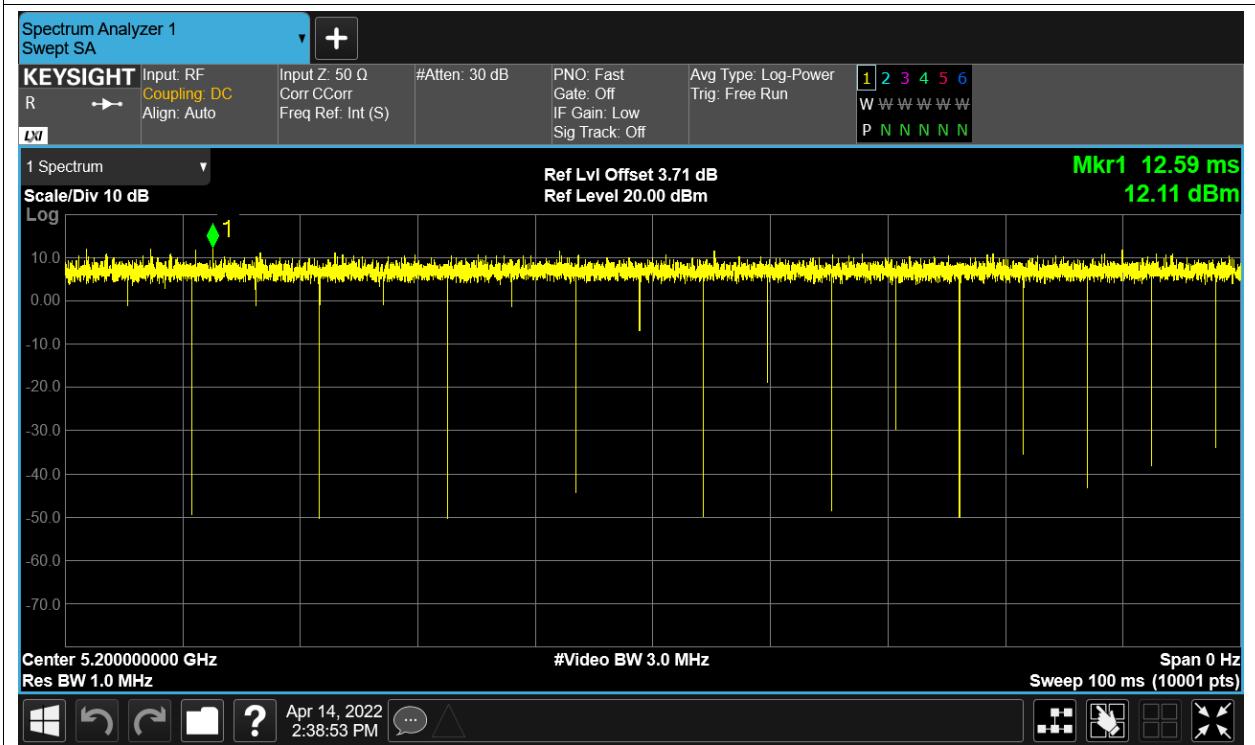
Duty Cycle NVNT ax80 5210MHz Sum



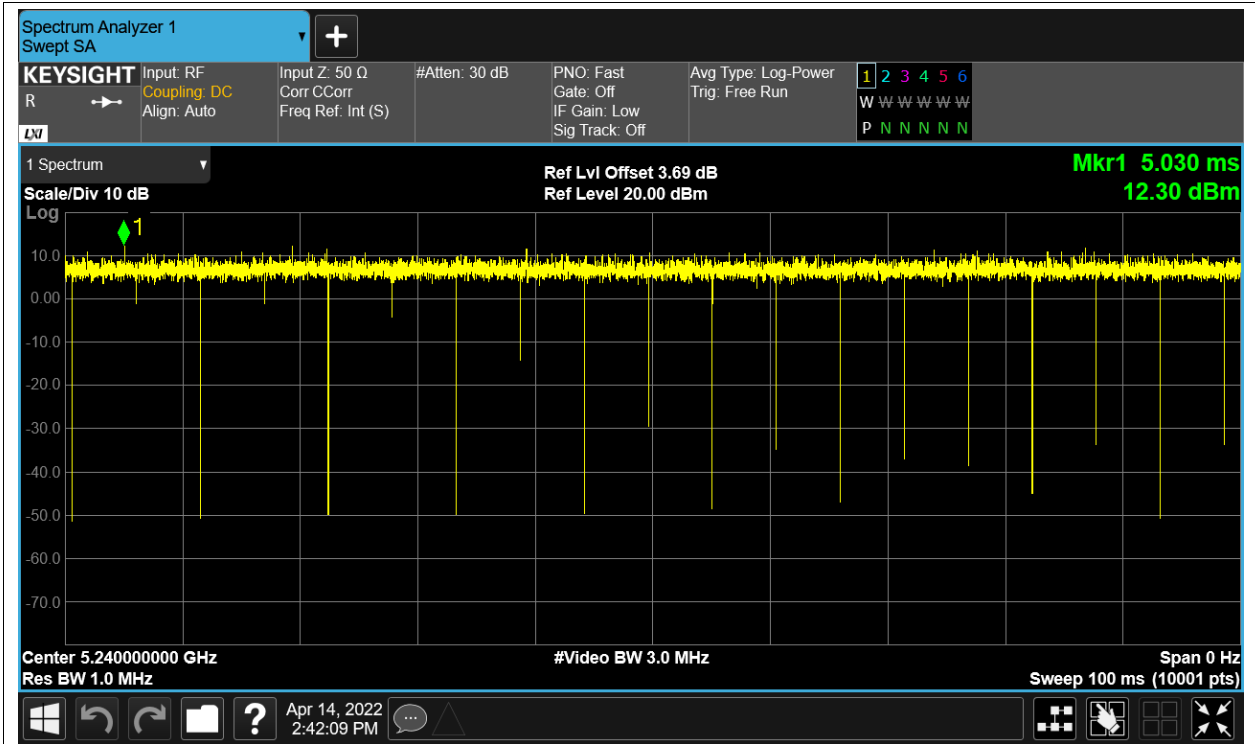
Duty Cycle NVNT n20 5180MHz Sum



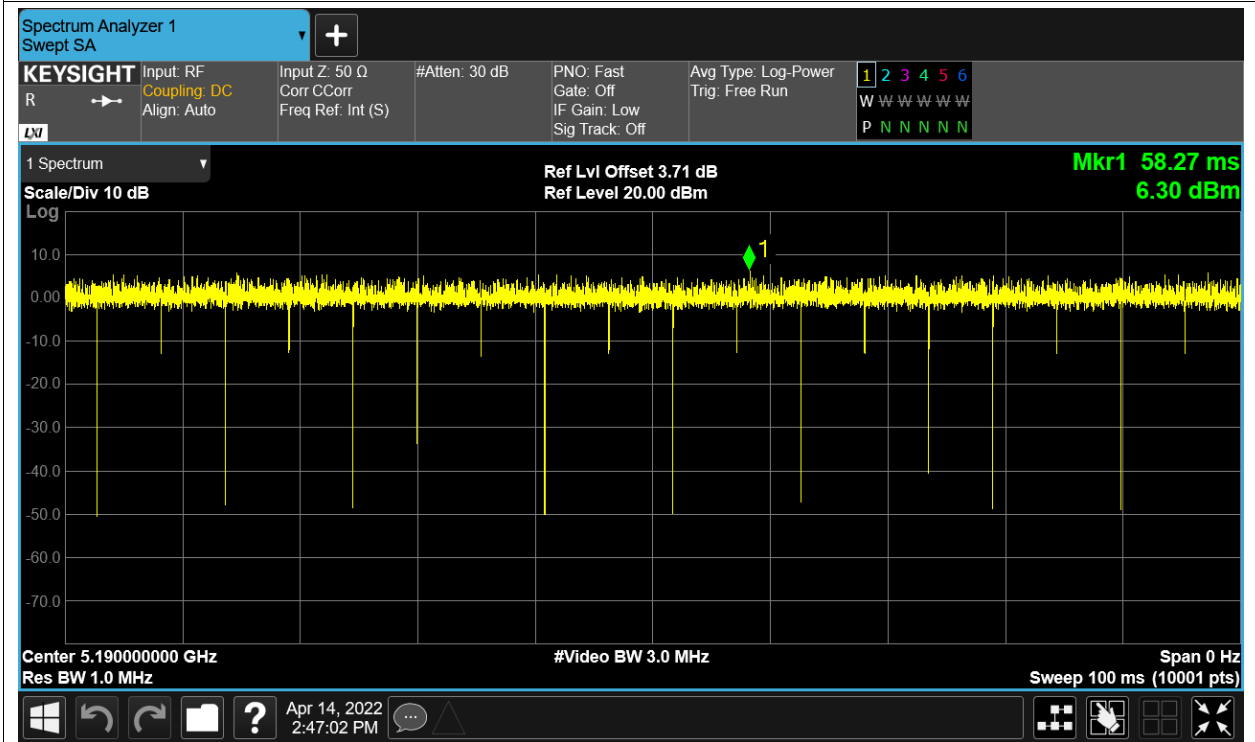
Duty Cycle NVNT n20 5200MHz Sum



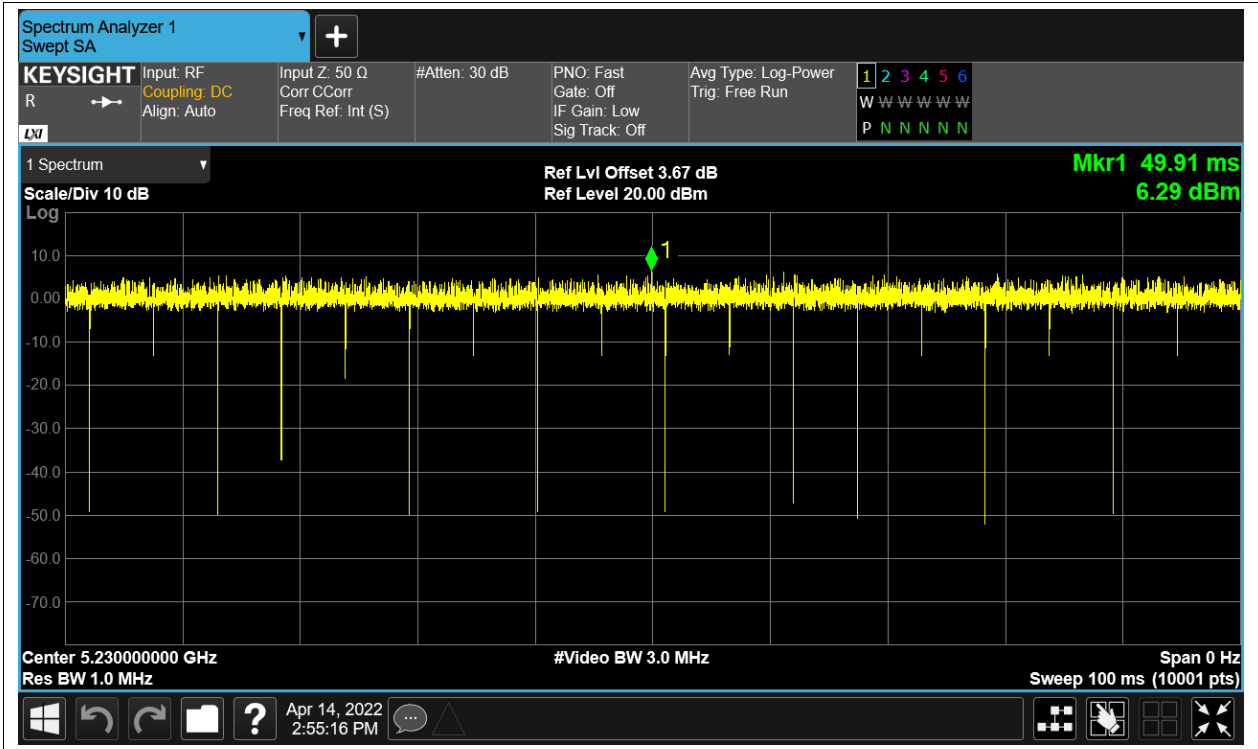
Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum



Duty Cycle NVNT n40 5230MHz Sum



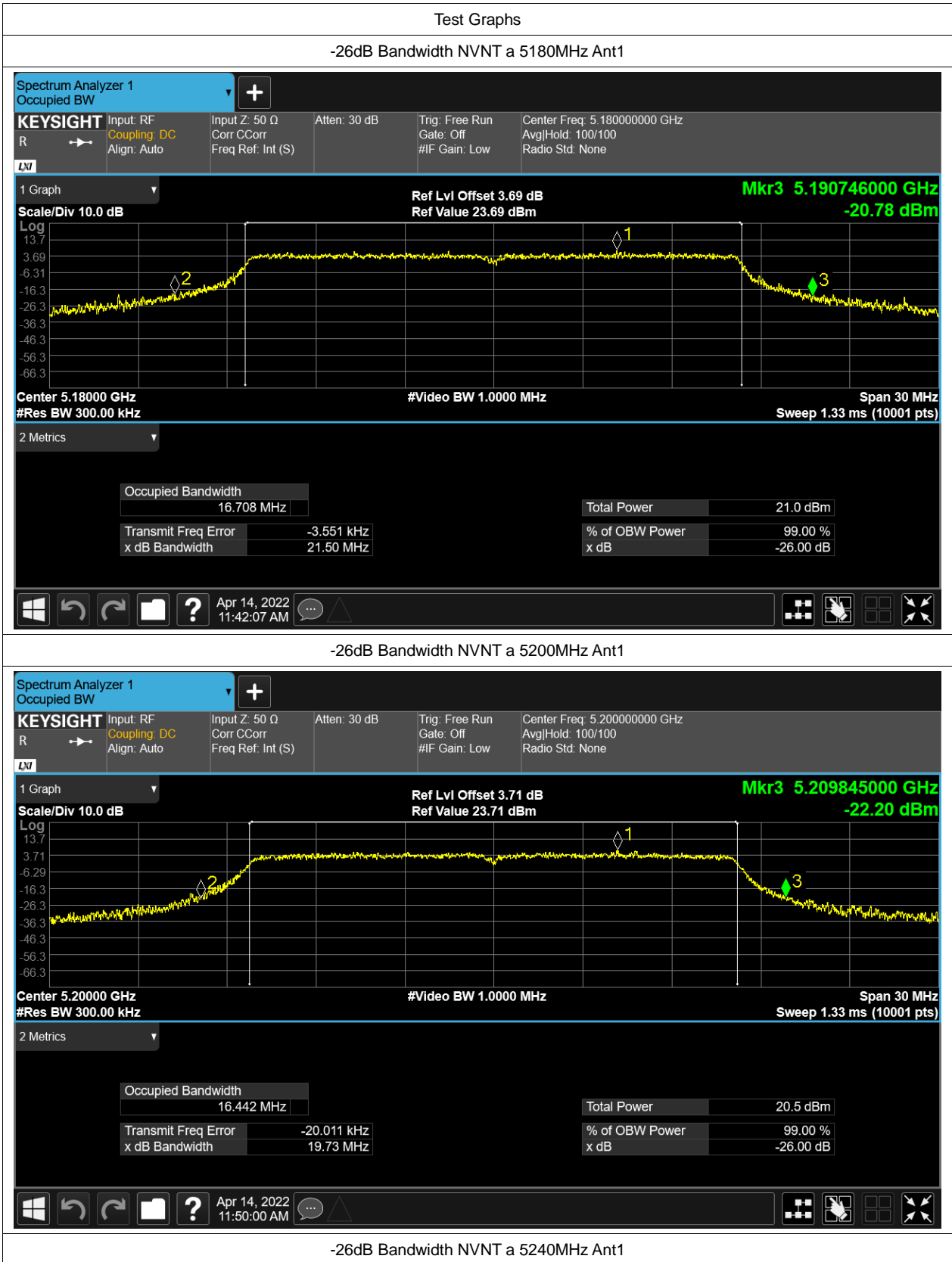
Maximum Conducted Output Power

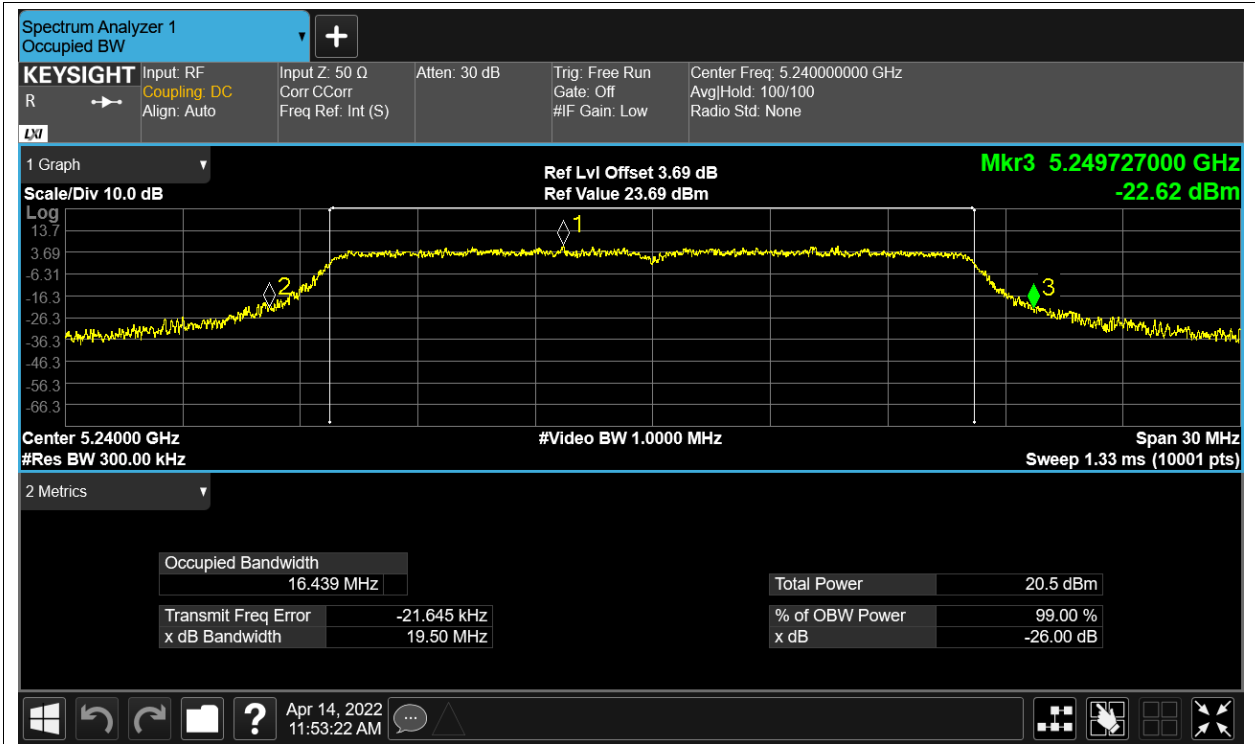
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	15.28	0	15.28	24	Pass
NVNT	a	5200	Ant1	14.99	0.01	15	24	Pass
NVNT	a	5240	Ant1	15	0.01	15.01	24	Pass
NVNT	a	5180	Ant2	14.41	0.01	14.42	24	Pass
NVNT	a	5200	Ant2	14.03	0.01	14.04	24	Pass
NVNT	a	5240	Ant2	13.92	0.01	13.93	24	Pass
NVNT	ac20	5180	Ant1	14.77	0.01	14.78	24	Pass
NVNT	ac20	5180	Ant2	14.84	0.01	14.85	24	Pass
NVNT	ac20	5180	Sum	17.815	0.01	17.825	24	Pass
NVNT	ac20	5200	Ant1	14.56	0	14.56	24	Pass
NVNT	ac20	5200	Ant2	15	0	15	24	Pass
NVNT	ac20	5200	Sum	17.796	0	17.796	24	Pass
NVNT	ac20	5240	Ant1	14.59	0	14.59	24	Pass
NVNT	ac20	5240	Ant2	13.97	0	13.97	24	Pass
NVNT	ac20	5240	Sum	17.301	0	17.301	24	Pass
NVNT	ac40	5190	Ant1	14.33	0	14.33	24	Pass
NVNT	ac40	5190	Ant2	14.51	0	14.51	24	Pass
NVNT	ac40	5190	Sum	17.431	0	17.431	24	Pass
NVNT	ac40	5230	Ant1	14.34	0	14.34	24	Pass
NVNT	ac40	5230	Ant2	14.2	0	14.2	24	Pass
NVNT	ac40	5230	Sum	17.281	0	17.281	24	Pass
NVNT	ac80	5210	Ant1	14.18	0	14.18	24	Pass
NVNT	ac80	5210	Ant2	12.98	0	12.98	24	Pass
NVNT	ac80	5210	Sum	16.632	0	16.632	24	Pass
NVNT	ax20	5180	Ant1	12.32	0	12.32	24	Pass
NVNT	ax20	5180	Ant2	12.09	0	12.09	24	Pass
NVNT	ax20	5180	Sum	15.217	0	15.217	24	Pass
NVNT	ax20	5200	Ant1	11.92	0	11.92	24	Pass
NVNT	ax20	5200	Ant2	11.82	0	11.82	24	Pass
NVNT	ax20	5200	Sum	14.881	0	14.881	24	Pass
NVNT	ax20	5240	Ant1	12.44	0	12.44	24	Pass
NVNT	ax20	5240	Ant2	11.8	0	11.8	24	Pass
NVNT	ax20	5240	Sum	15.142	0	15.142	24	Pass
NVNT	ax40	5190	Ant1	11.69	0	11.69	24	Pass
NVNT	ax40	5190	Ant2	11.19	0	11.19	24	Pass
NVNT	ax40	5190	Sum	14.457	0	14.457	24	Pass
NVNT	ax40	5230	Ant1	11.84	0	11.84	24	Pass
NVNT	ax40	5230	Ant2	11.42	0	11.42	24	Pass
NVNT	ax40	5230	Sum	14.645	0	14.645	24	Pass
NVNT	ax80	5210	Ant1	11.44	0	11.44	24	Pass

NVNT	ax80	5210	Ant2	11.22	0	11.22	24	Pass
NVNT	ax80	5210	Sum	14.342	0	14.342	24	Pass
NVNT	n20	5180	Ant1	15.19	0	15.19	24	Pass
NVNT	n20	5180	Ant2	14.05	0	14.05	24	Pass
NVNT	n20	5180	Sum	17.668	0	17.668	24	Pass
NVNT	n20	5200	Ant1	15.02	0	15.02	24	Pass
NVNT	n20	5200	Ant2	13.63	0	13.63	24	Pass
NVNT	n20	5200	Sum	17.391	0	17.391	24	Pass
NVNT	n20	5240	Ant1	15.04	0	15.04	24	Pass
NVNT	n20	5240	Ant2	13.74	0	13.74	24	Pass
NVNT	n20	5240	Sum	17.449	0	17.449	24	Pass
NVNT	n40	5190	Ant1	14.81	0	14.81	24	Pass
NVNT	n40	5190	Ant2	13.59	0	13.59	24	Pass
NVNT	n40	5190	Sum	17.253	0	17.253	24	Pass
NVNT	n40	5230	Ant1	14.72	0	14.72	24	Pass
NVNT	n40	5230	Ant2	13.47	0	13.47	24	Pass
NVNT	n40	5230	Sum	17.15	0	17.15	24	Pass

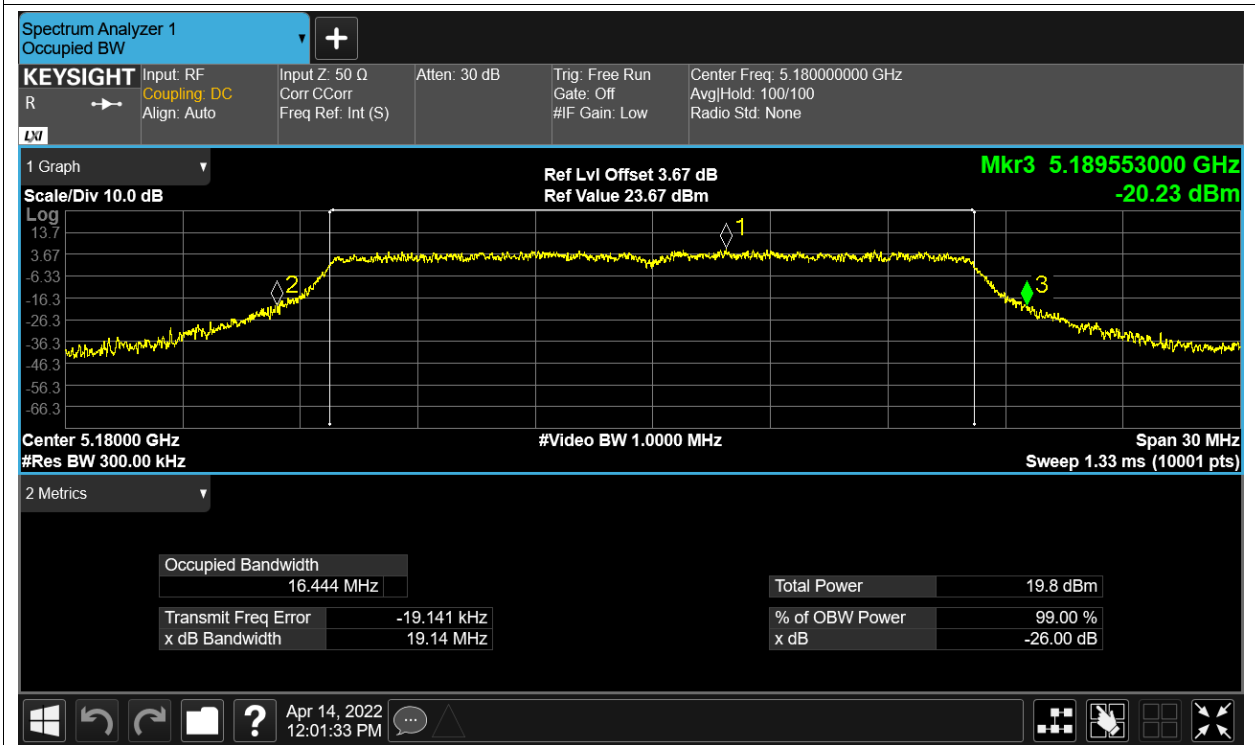
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	21.5
NVNT	a	5200	Ant1	19.729
NVNT	a	5240	Ant1	19.498
NVNT	a	5180	Ant2	19.144
NVNT	a	5200	Ant2	19.08
NVNT	a	5240	Ant2	19.306
NVNT	ac20	5180	Ant1	20.496
NVNT	ac20	5180	Ant2	20.441
NVNT	ac20	5200	Ant1	20.836
NVNT	ac20	5200	Ant2	20.831
NVNT	ac20	5240	Ant1	20.599
NVNT	ac20	5240	Ant2	20.367
NVNT	ac40	5190	Ant1	39.221
NVNT	ac40	5190	Ant2	38.847
NVNT	ac40	5230	Ant1	39.209
NVNT	ac40	5230	Ant2	39.275
NVNT	ac80	5210	Ant1	79.415
NVNT	ac80	5210	Ant2	80.332
NVNT	ax20	5180	Ant1	21.089
NVNT	ax20	5180	Ant2	20.829
NVNT	ax20	5200	Ant1	20.898
NVNT	ax20	5200	Ant2	20.82
NVNT	ax20	5240	Ant1	21.623
NVNT	ax20	5240	Ant2	20.937
NVNT	ax40	5190	Ant1	40.265
NVNT	ax40	5190	Ant2	40.277
NVNT	ax40	5230	Ant1	40.08
NVNT	ax40	5230	Ant2	40.652
NVNT	ax80	5210	Ant1	80.187
NVNT	ax80	5210	Ant2	80.171
NVNT	n20	5180	Ant1	20.826
NVNT	n20	5180	Ant2	20.262
NVNT	n20	5200	Ant1	20.482
NVNT	n20	5200	Ant2	20.457
NVNT	n20	5240	Ant1	20.813
NVNT	n20	5240	Ant2	20.369
NVNT	n40	5190	Ant1	39.181
NVNT	n40	5190	Ant2	38.938
NVNT	n40	5230	Ant1	38.933
NVNT	n40	5230	Ant2	39.386

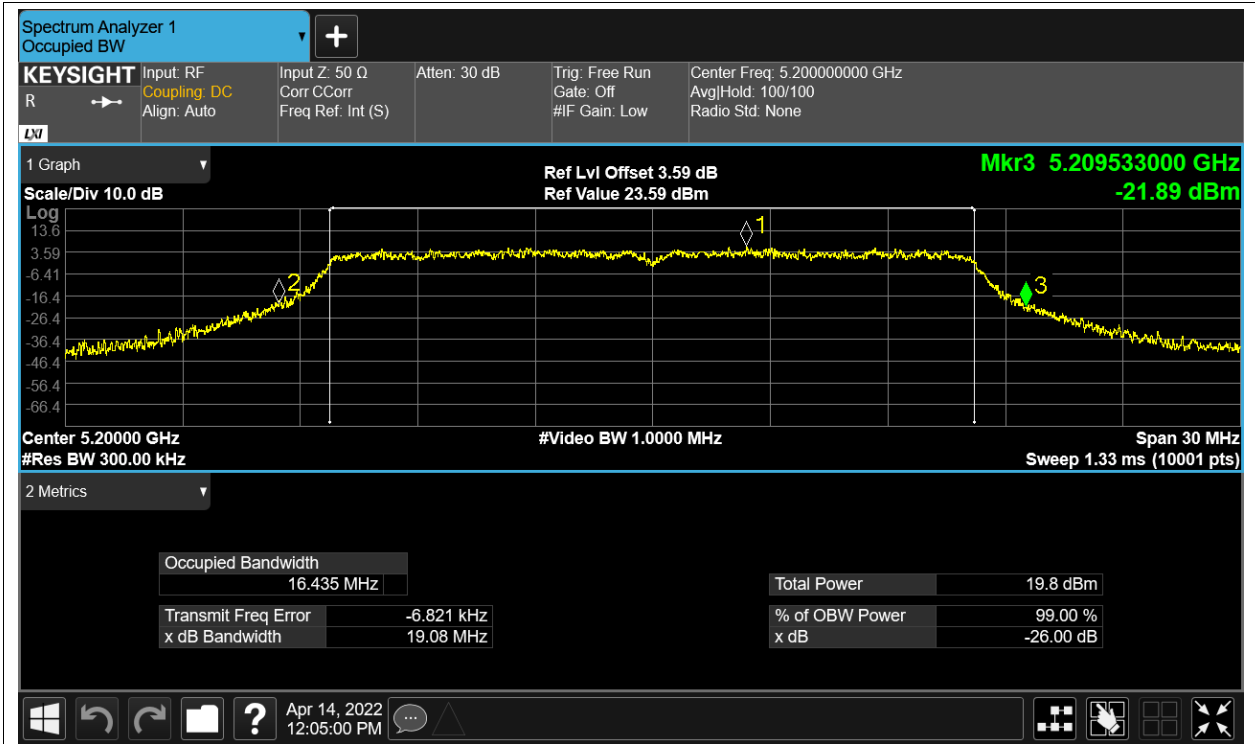




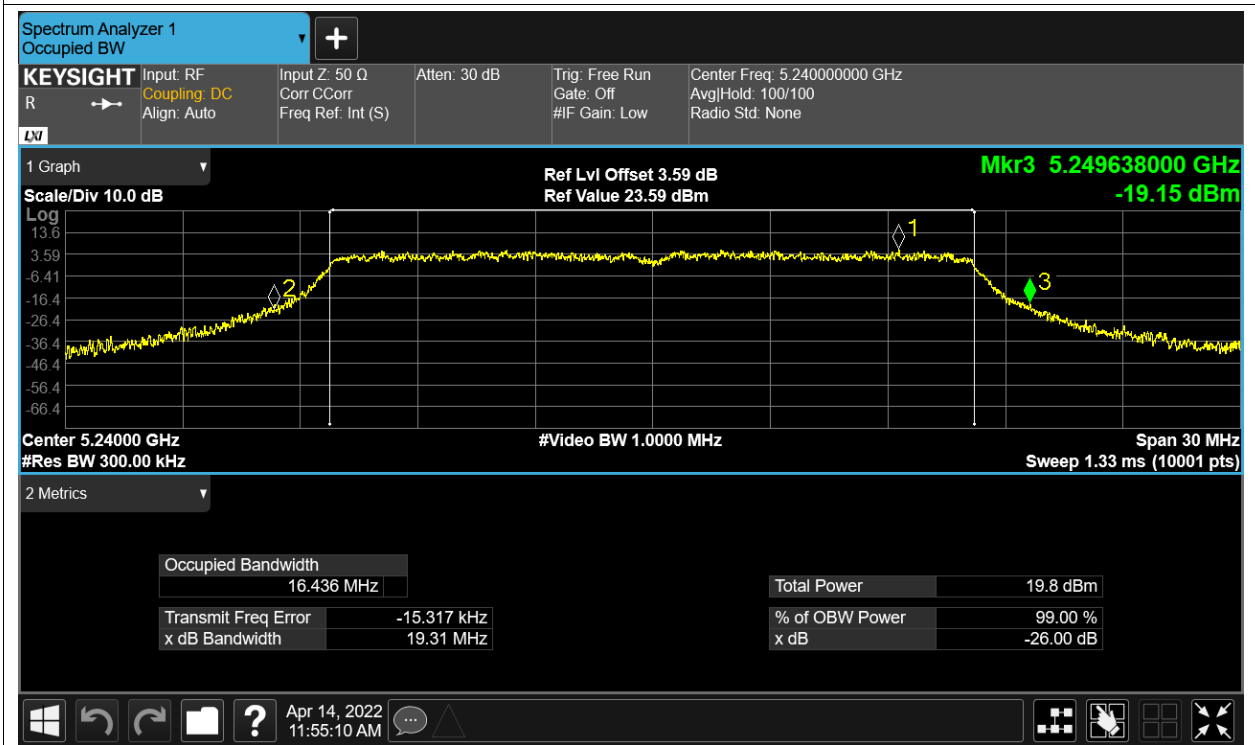
-26dB Bandwidth NVNT a 5180MHz Ant2



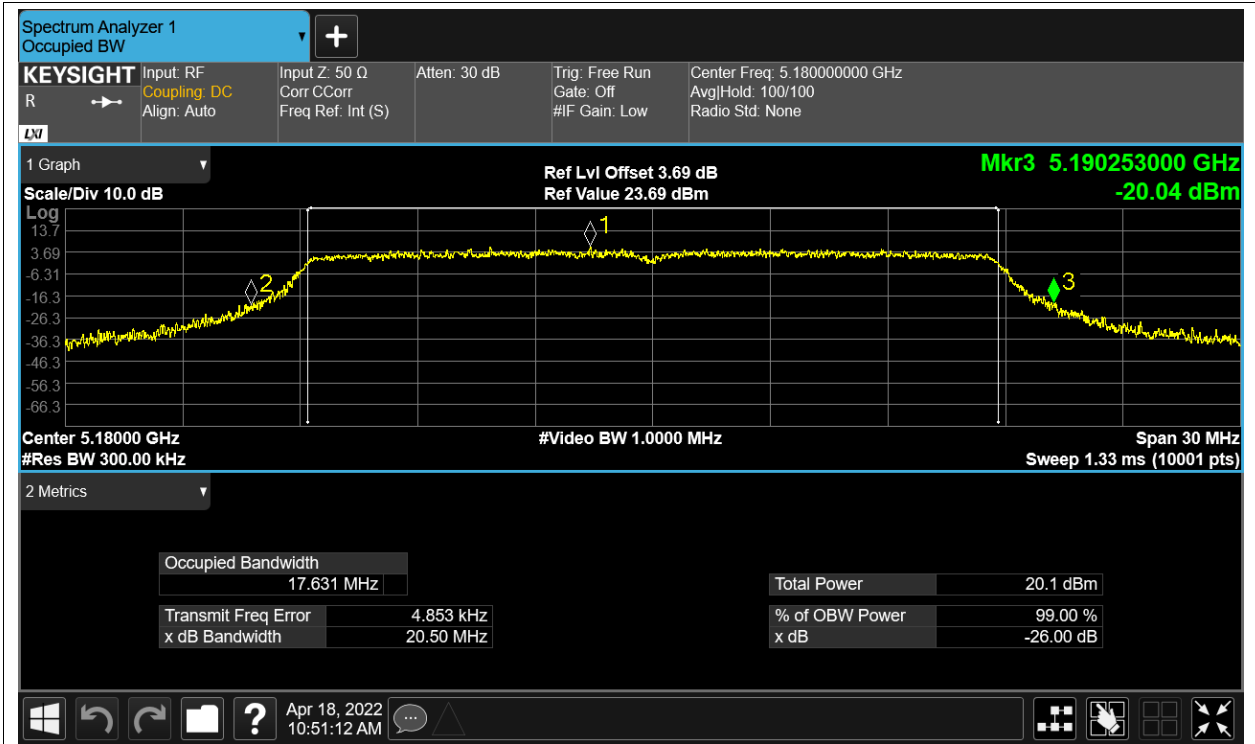
-26dB Bandwidth NVNT a 5200MHz Ant2



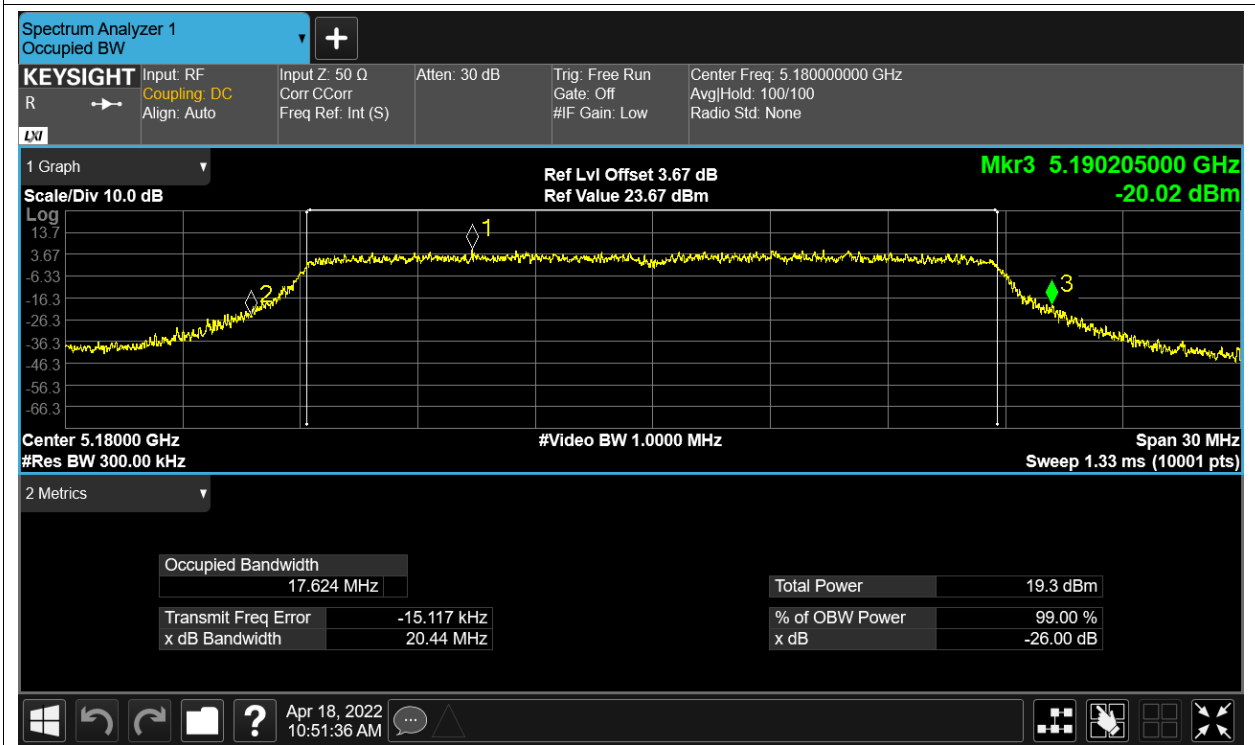
-26dB Bandwidth NVNT a 5240MHz Ant2



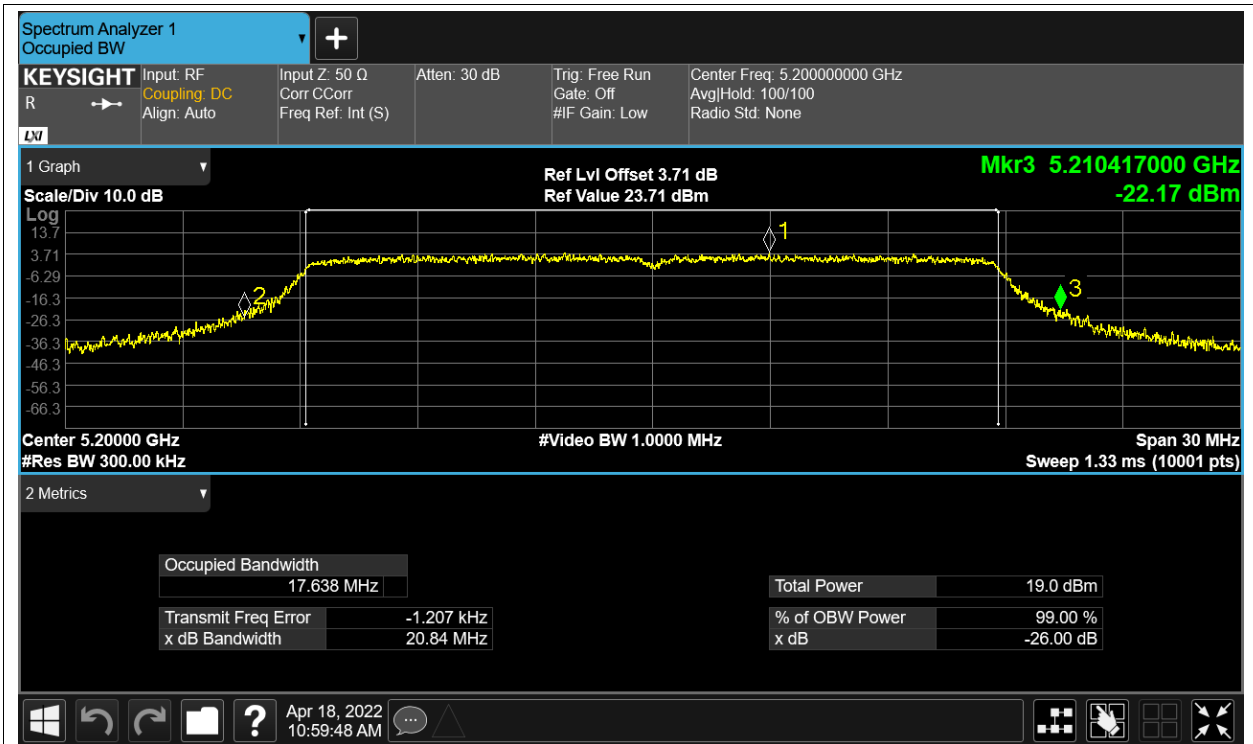
-26dB Bandwidth NVNT ac20 5180MHz Ant1



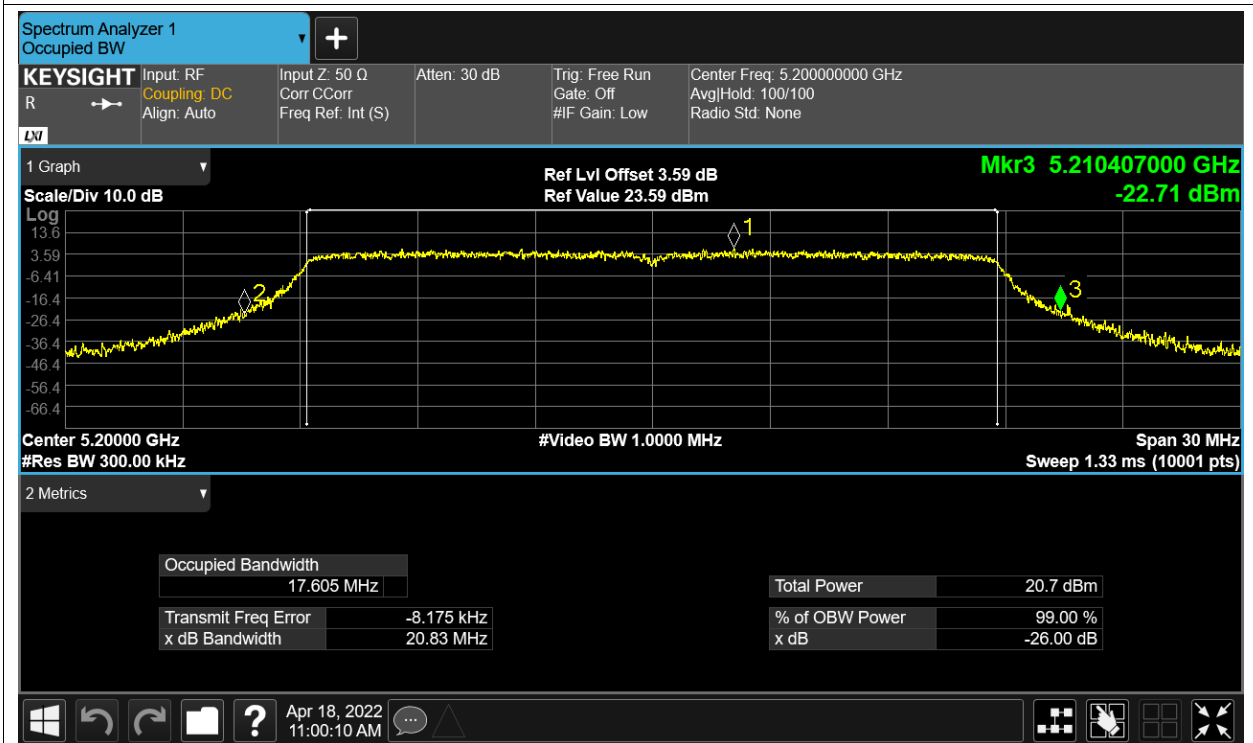
-26dB Bandwidth NVNT ac20 5180MHz Ant2



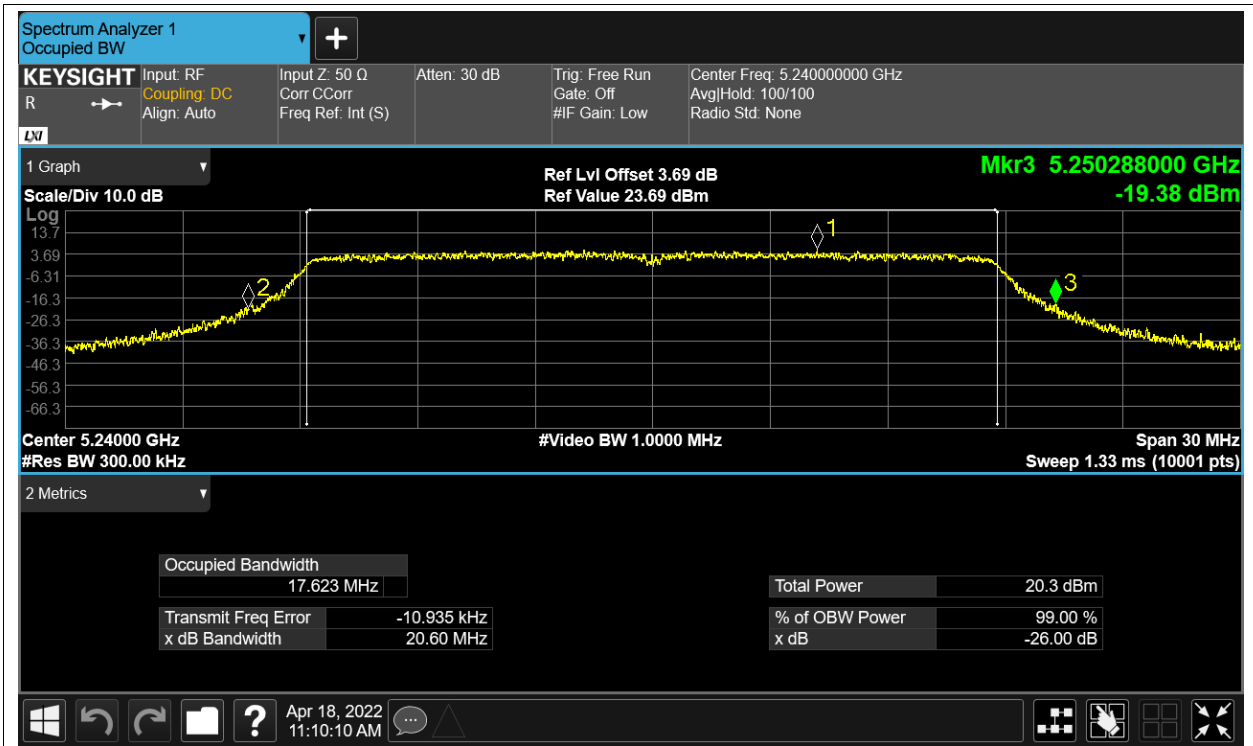
-26dB Bandwidth NVNT ac20 5200MHz Ant1



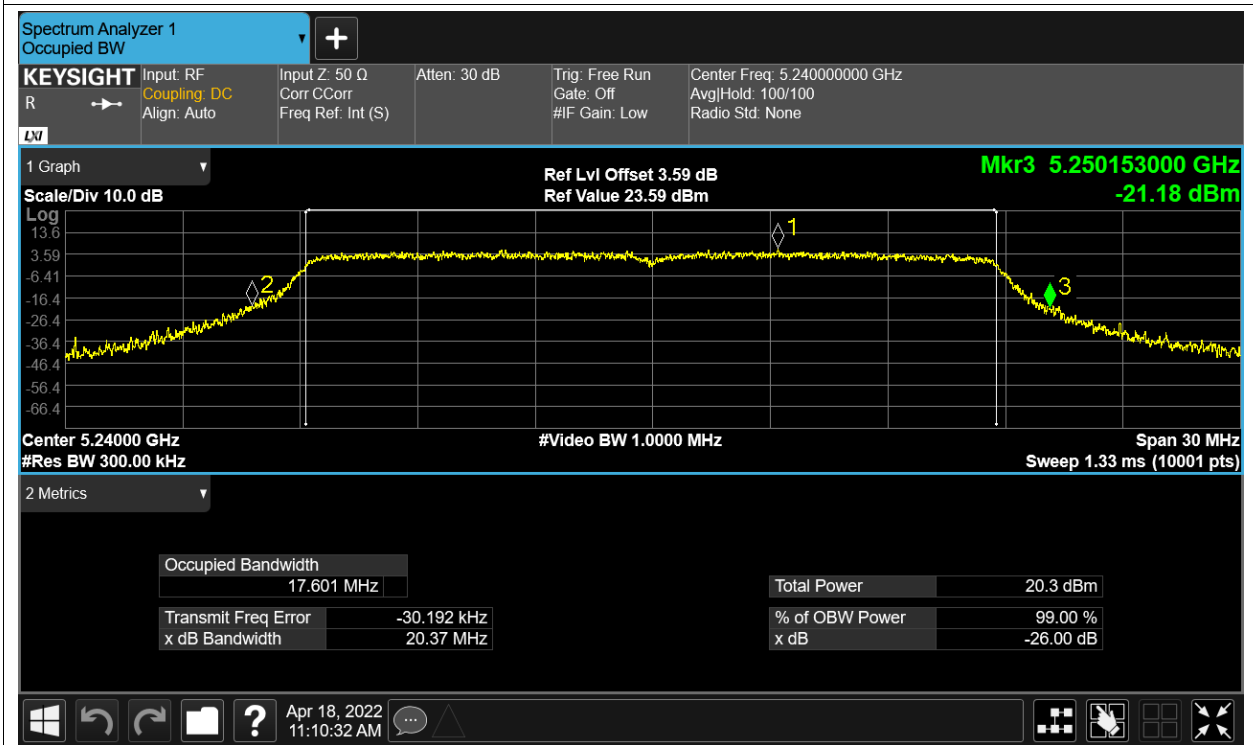
-26dB Bandwidth NVNT ac20 5200MHz Ant2



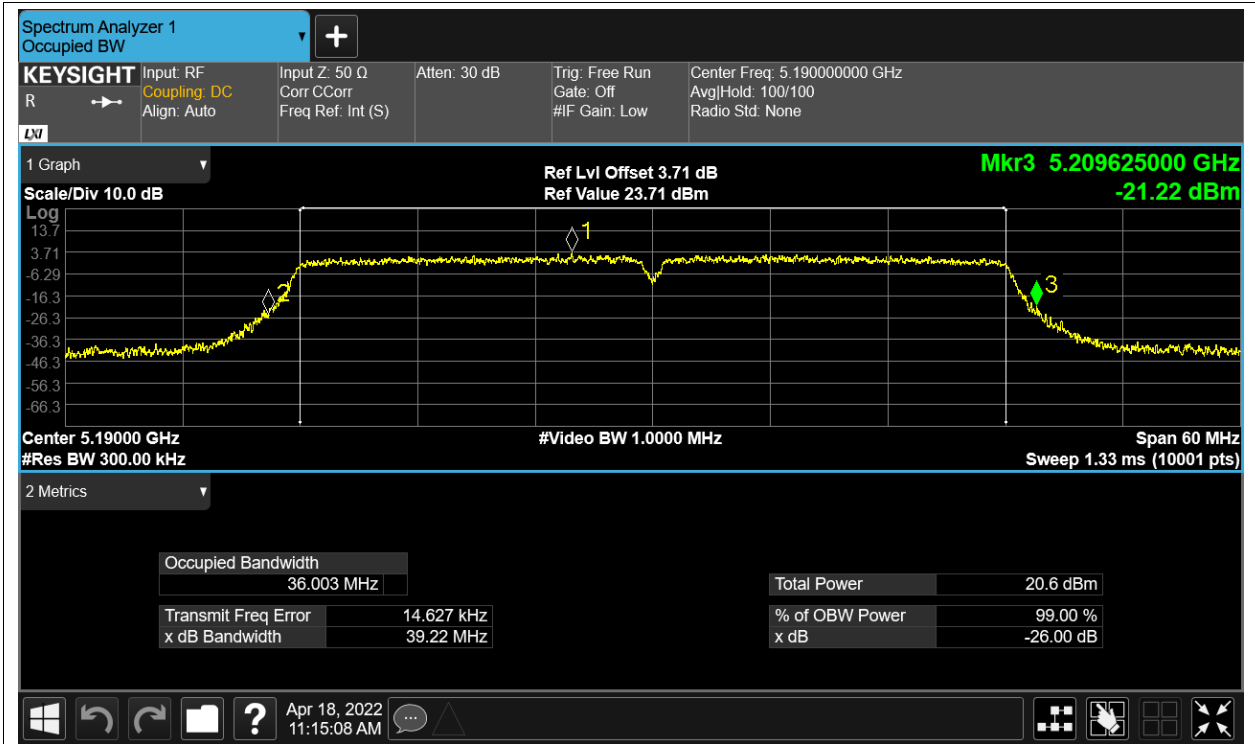
-26dB Bandwidth NVNT ac20 5240MHz Ant1



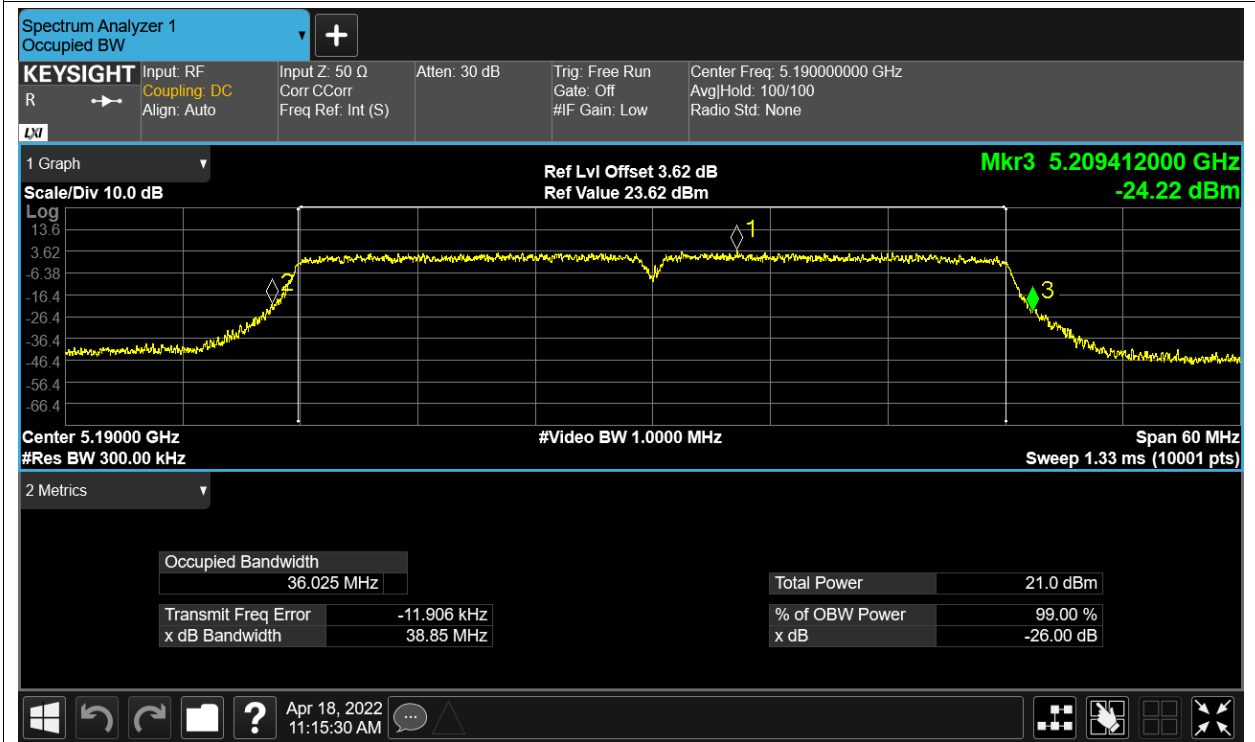
-26dB Bandwidth NVNT ac20 5240MHz Ant2



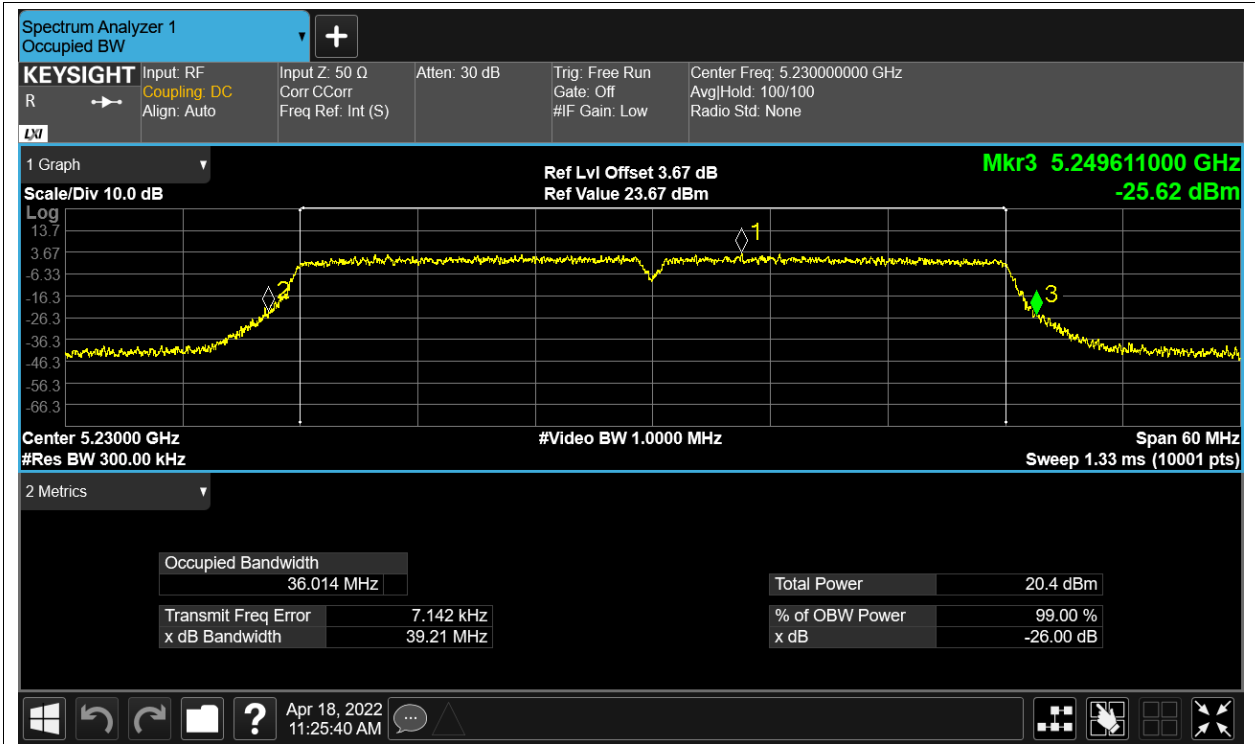
-26dB Bandwidth NVNT ac40 5190MHz Ant1



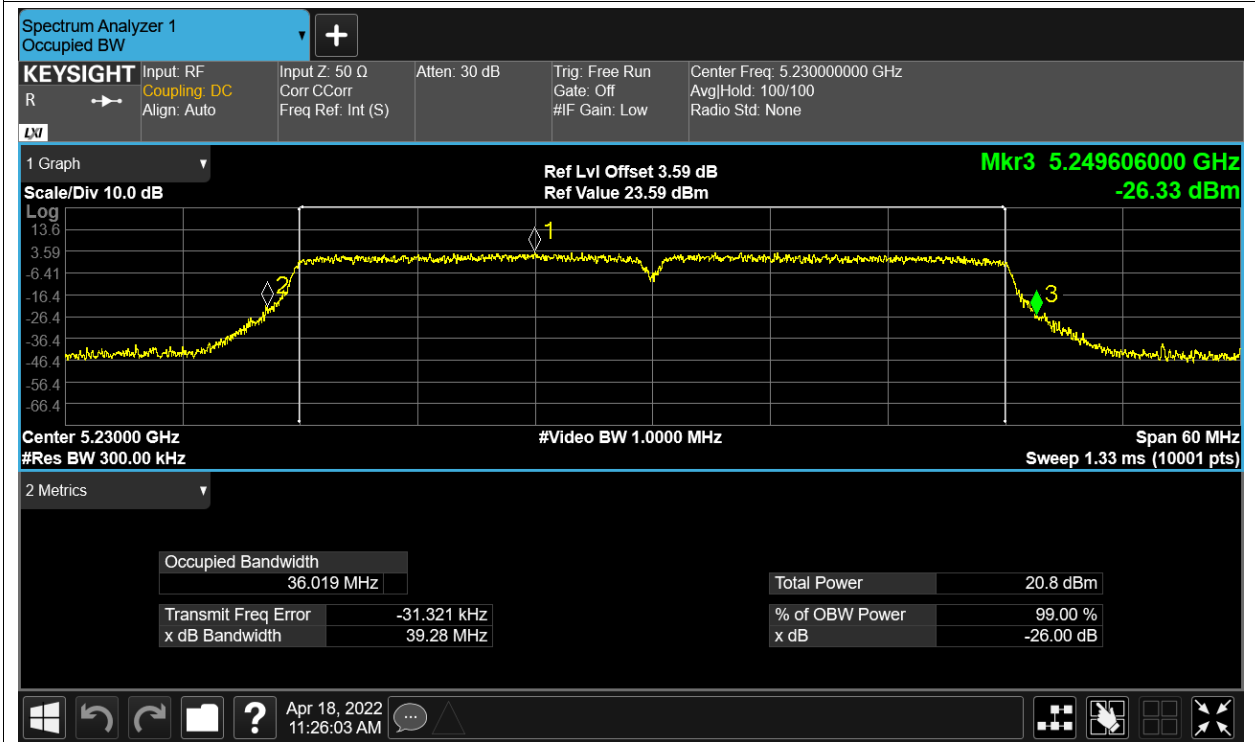
-26dB Bandwidth NVNT ac40 5190MHz Ant2



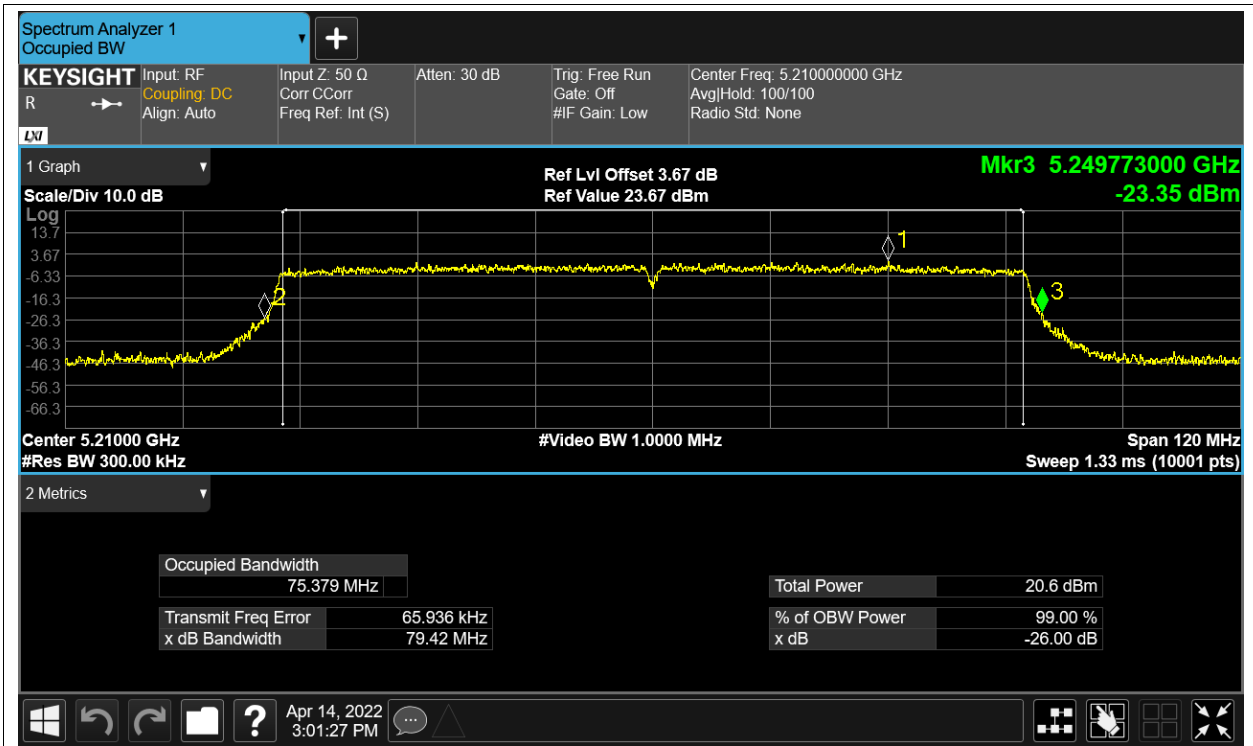
-26dB Bandwidth NVNT ac40 5230MHz Ant1



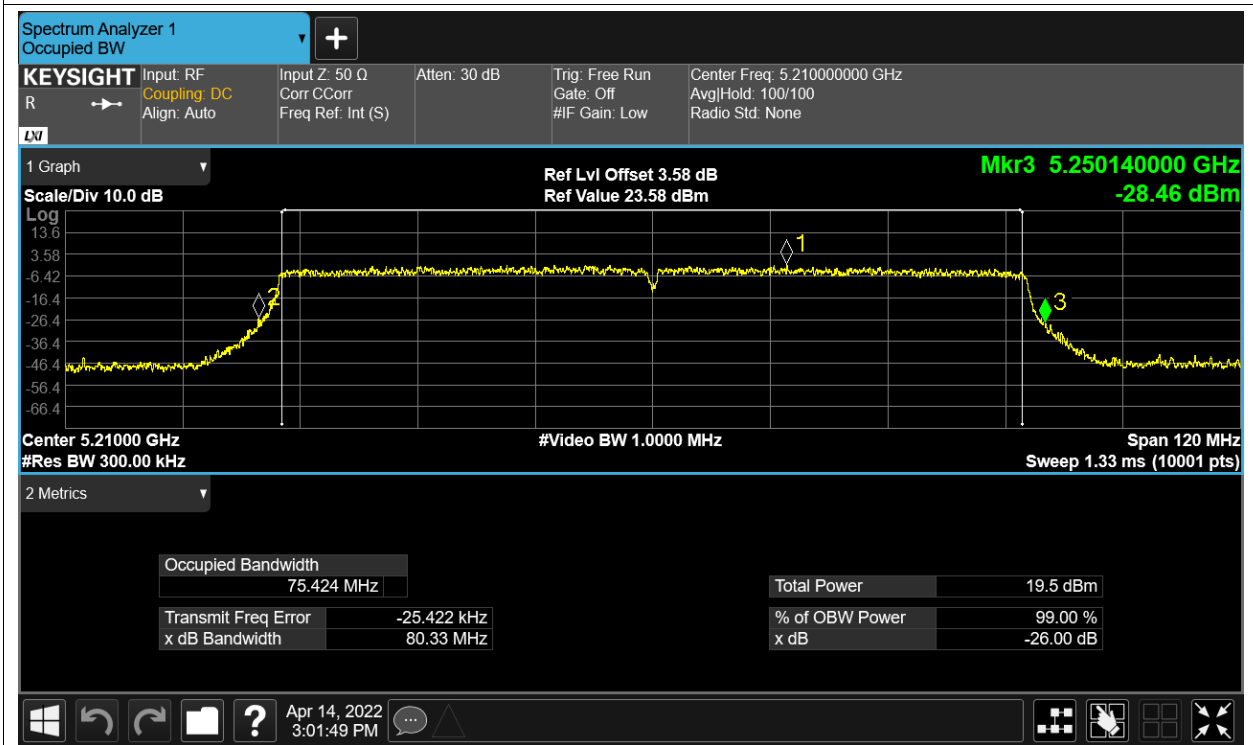
-26dB Bandwidth NVNT ac40 5230MHz Ant2



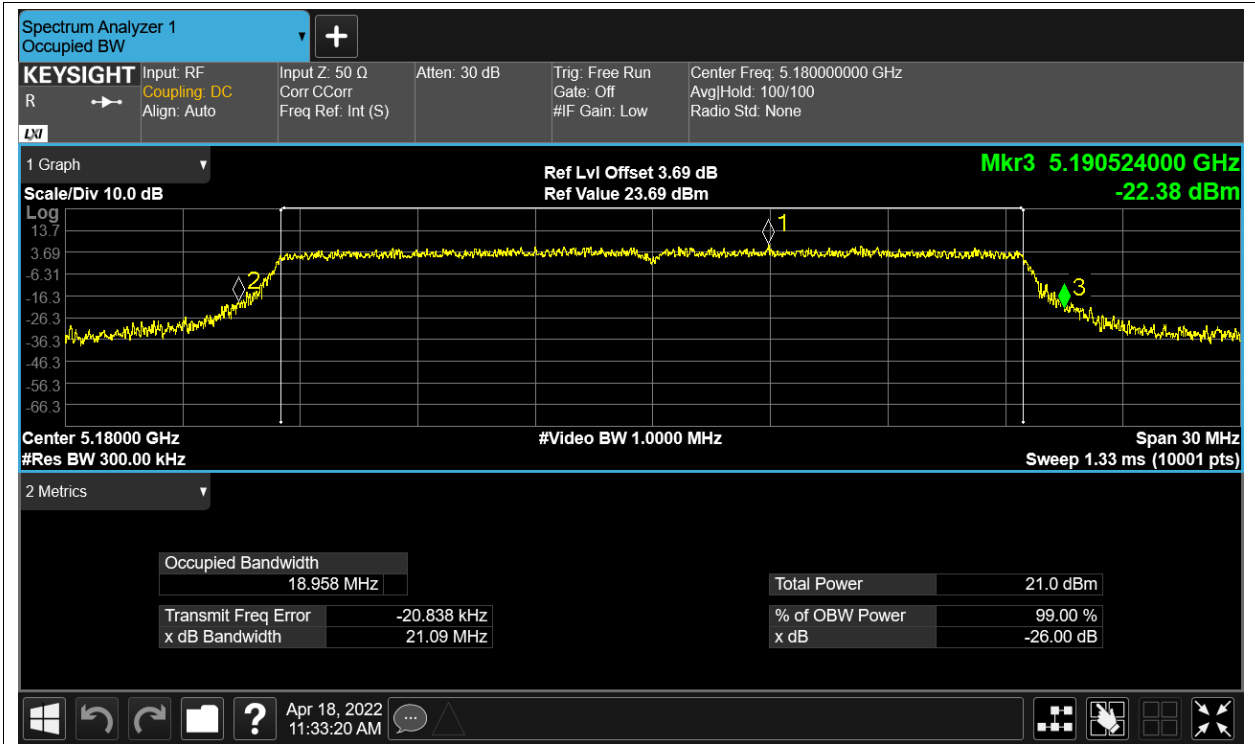
-26dB Bandwidth NVNT ac80 5210MHz Ant1



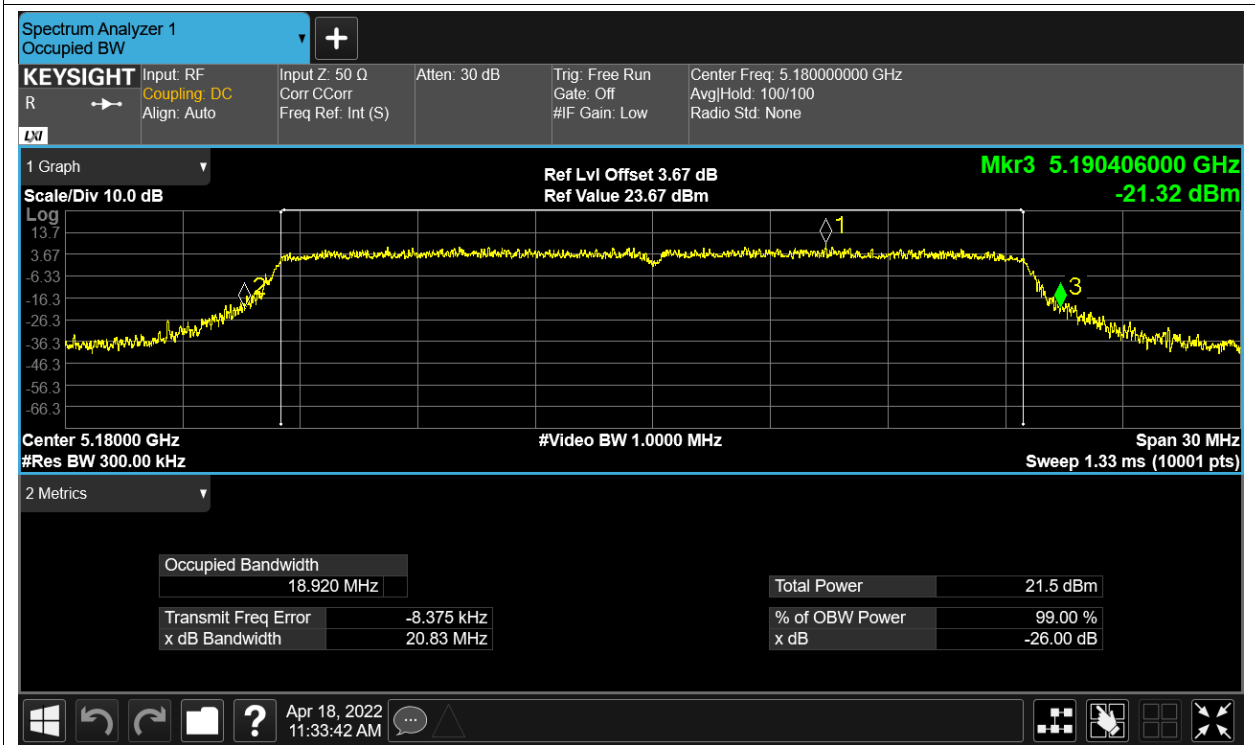
-26dB Bandwidth NVNT ac80 5210MHz Ant2



-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5180MHz Ant2



-26dB Bandwidth NVNT ax20 5200MHz Ant1