

Test Data

Frequency Stability

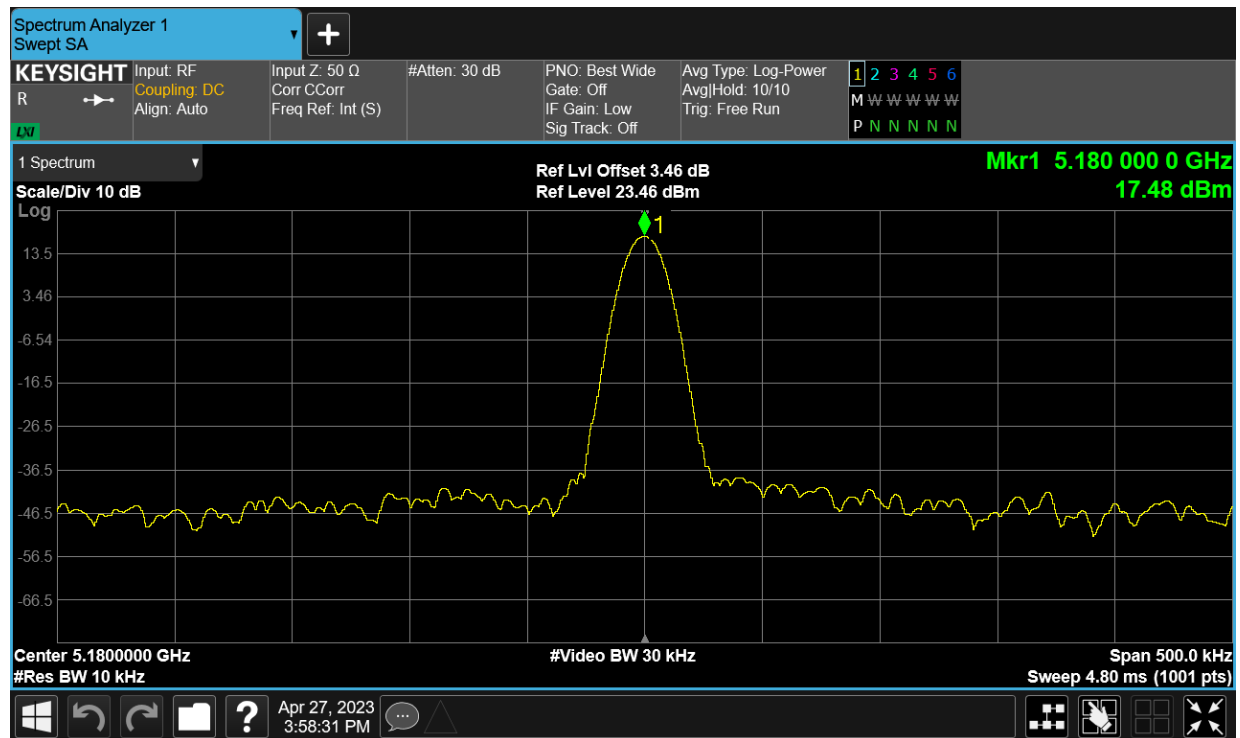
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5180	0	Within authorized band	Pass
HVNT	a	5180	Ant10	5180.002	0.39		Pass
LVNT	a	5180	Ant1	5180.001	0.19		Pass
LVNT	a	5180	Ant10	5180.0015	0.29		Pass
NVHT	a	5180	Ant1	5180.0015	0.29		Pass
NVHT	a	5180	Ant10	5180.002	0.39		Pass
NVLT	a	5180	Ant1	5180.002	0.39		Pass
NVLT	a	5180	Ant10	5180.002	0.39		Pass
NVNT	a	5180	Ant1	5180.003	0.58		Pass
NVNT	a	5180	Ant10	5180.0015	0.29		Pass
HVNT	ac20	5180	Sum	5179.997	-0.58		Pass
LVNT	ac20	5180	Sum	5179.9975	-0.48		Pass
NVHT	ac20	5180	Sum	5179.9975	-0.48		Pass
NVLT	ac20	5180	Sum	5179.9975	-0.48		Pass
NVNT	ac20	5180	Sum	5179.9975	-0.48		Pass
HVNT	ac40	5190	Sum	5189.997	-0.58		Pass
LVNT	ac40	5190	Sum	5189.997	-0.58		Pass
NVHT	ac40	5190	Sum	5189.997	-0.58		Pass
NVLT	ac40	5190	Sum	5189.997	-0.58		Pass
NVNT	ac40	5190	Sum	5189.9965	-0.67		Pass
HVNT	ac80	5210	Sum	5209.997	-0.58		Pass
LVNT	ac80	5210	Sum	5209.997	-0.58		Pass
NVHT	ac80	5210	Sum	5209.997	-0.58		Pass
NVLT	ac80	5210	Sum	5209.997	-0.58		Pass
NVNT	ac80	5210	Sum	5209.997	-0.58		Pass
HVNT	ax20	5180	Sum	5179.997	-0.58		Pass
LVNT	ax20	5180	Sum	5179.997	-0.58		Pass
NVHT	ax20	5180	Sum	5179.9975	-0.48		Pass
NVLT	ax20	5180	Sum	5179.9975	-0.48		Pass
NVNT	ax20	5180	Sum	5179.9975	-0.48		Pass
HVNT	ax40	5190	Sum	5189.9965	-0.67		Pass
LVNT	ax40	5190	Sum	5189.997	-0.58		Pass
NVHT	ax40	5190	Sum	5189.9975	-0.48		Pass
NVLT	ax40	5190	Sum	5189.9965	-0.67		Pass
NVNT	ax40	5190	Sum	5189.998	-0.39		Pass
HVNT	ax80	5210	Sum	5209.9965	-0.67		Pass
LVNT	ax80	5210	Sum	5209.9965	-0.67		Pass
NVHT	ax80	5210	Sum	5209.9965	-0.67		Pass
NVLT	ax80	5210	Sum	5209.9965	-0.67		Pass

NVNT	ax80	5210	Sum	5209.9965	-0.67		Pass
HVNT	n20	5180	Sum	5180.002	0.39		Pass
LVNT	n20	5180	Sum	5180.002	0.39		Pass
NVHT	n20	5180	Sum	5180.002	0.39		Pass
NVLT	n20	5180	Sum	5180.0025	0.48		Pass
NVNT	n20	5180	Sum	5180.002	0.39		Pass
HVNT	n40	5190	Sum	5189.997	-0.58		Pass
LVNT	n40	5190	Sum	5189.9965	-0.67		Pass
NVHT	n40	5190	Sum	5189.996	-0.77		Pass
NVLT	n40	5190	Sum	5189.9975	-0.48		Pass
NVNT	n40	5190	Sum	5189.9975	-0.48		Pass

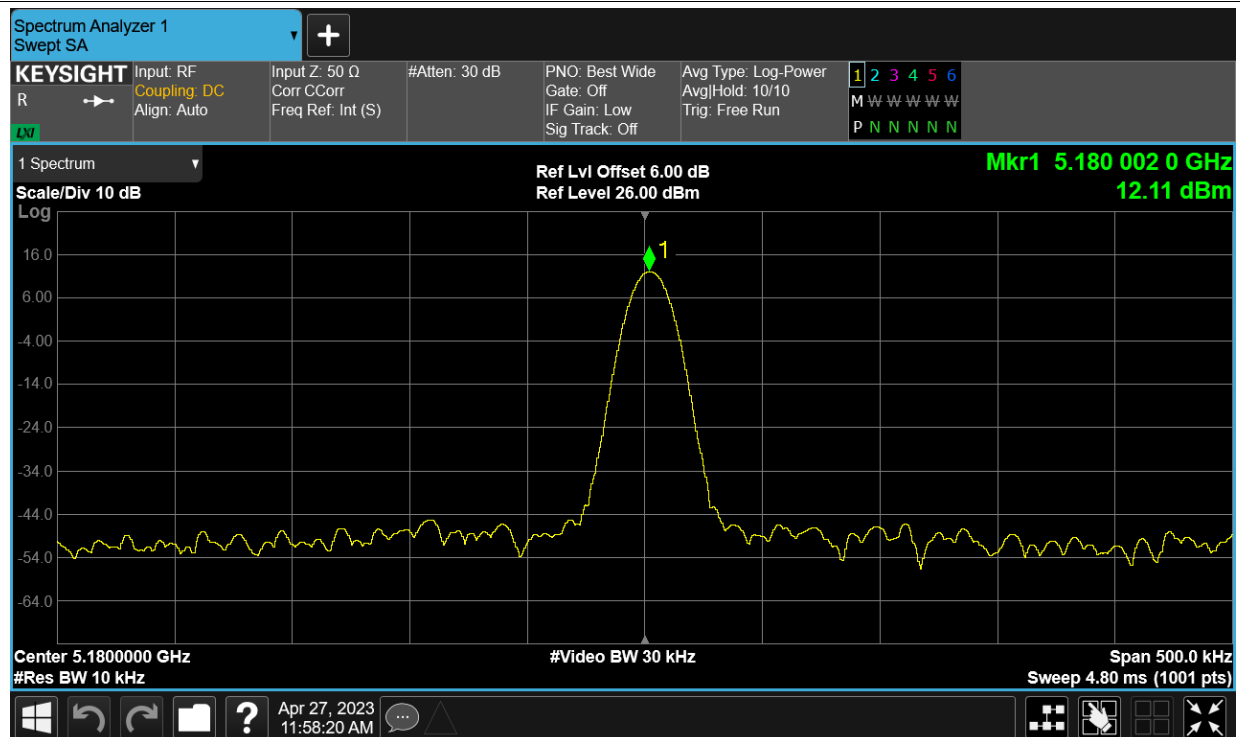
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

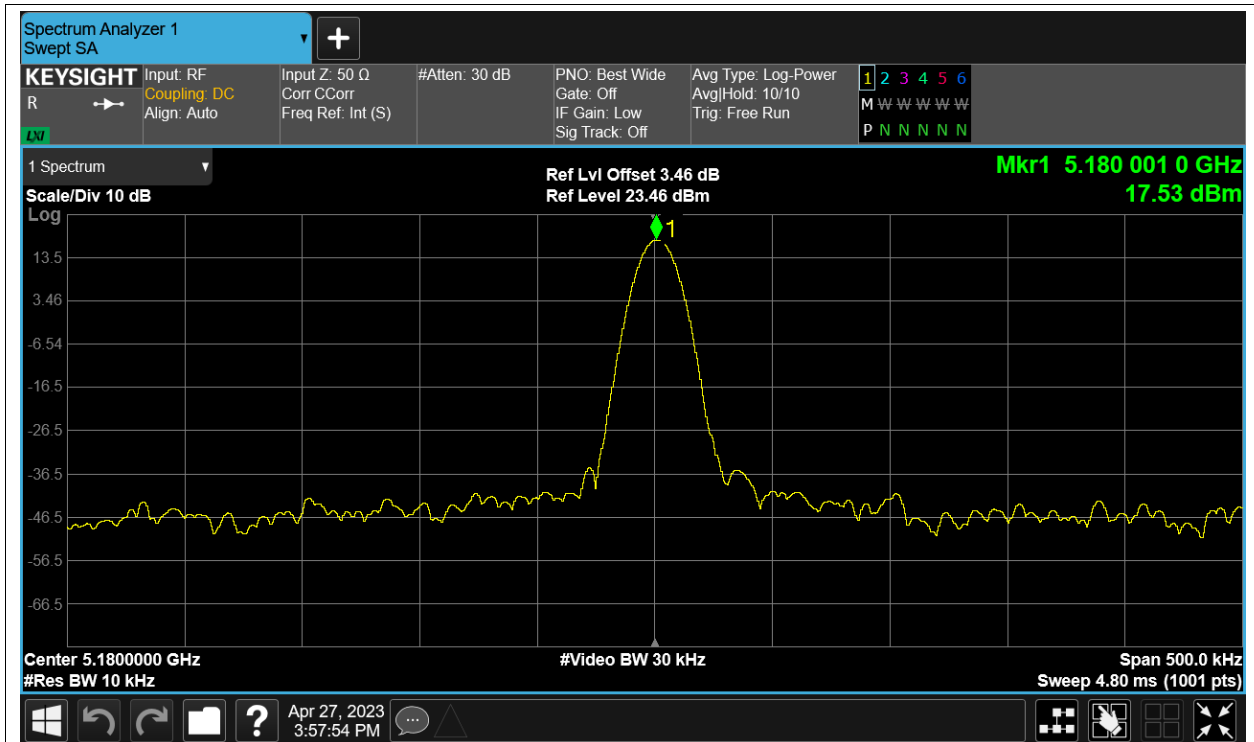
Freq. Stability HVNT a 5180MHz Ant1



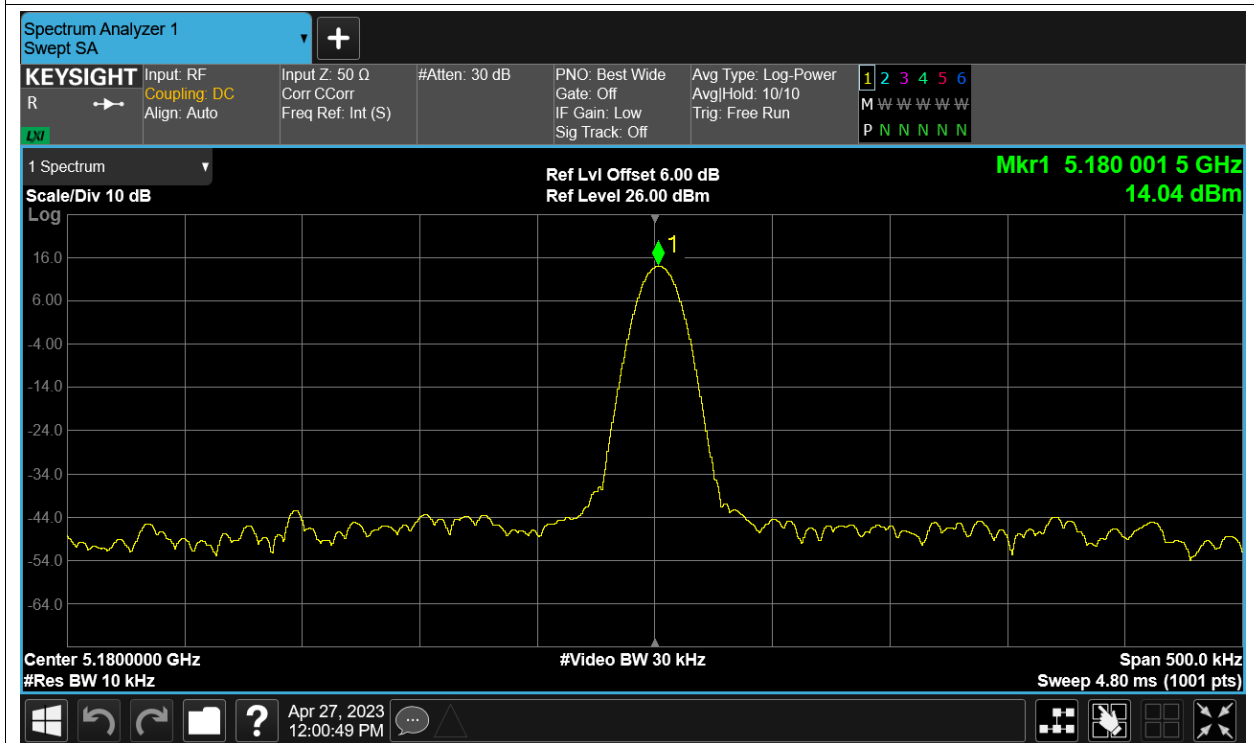
Freq. Stability HVNT a 5180MHz Ant10



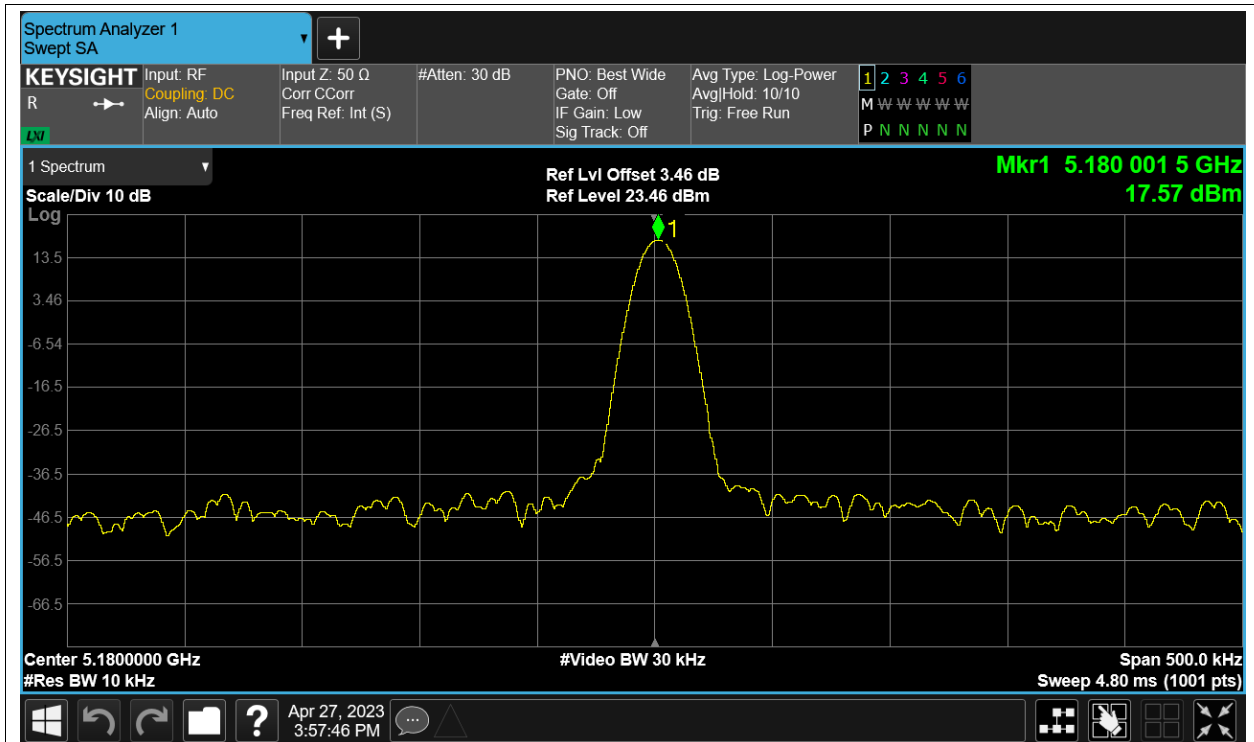
Freq. Stability LVNT a 5180MHz Ant1



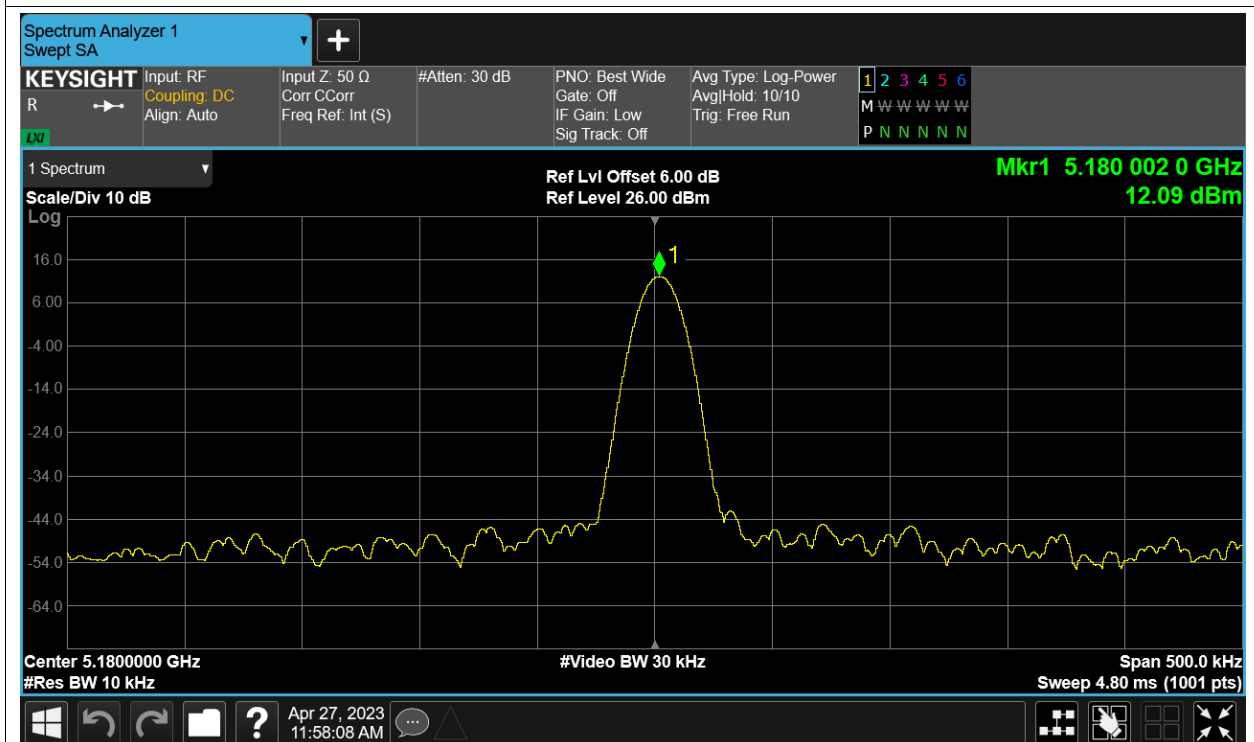
Freq. Stability LVNT a 5180MHz Ant10



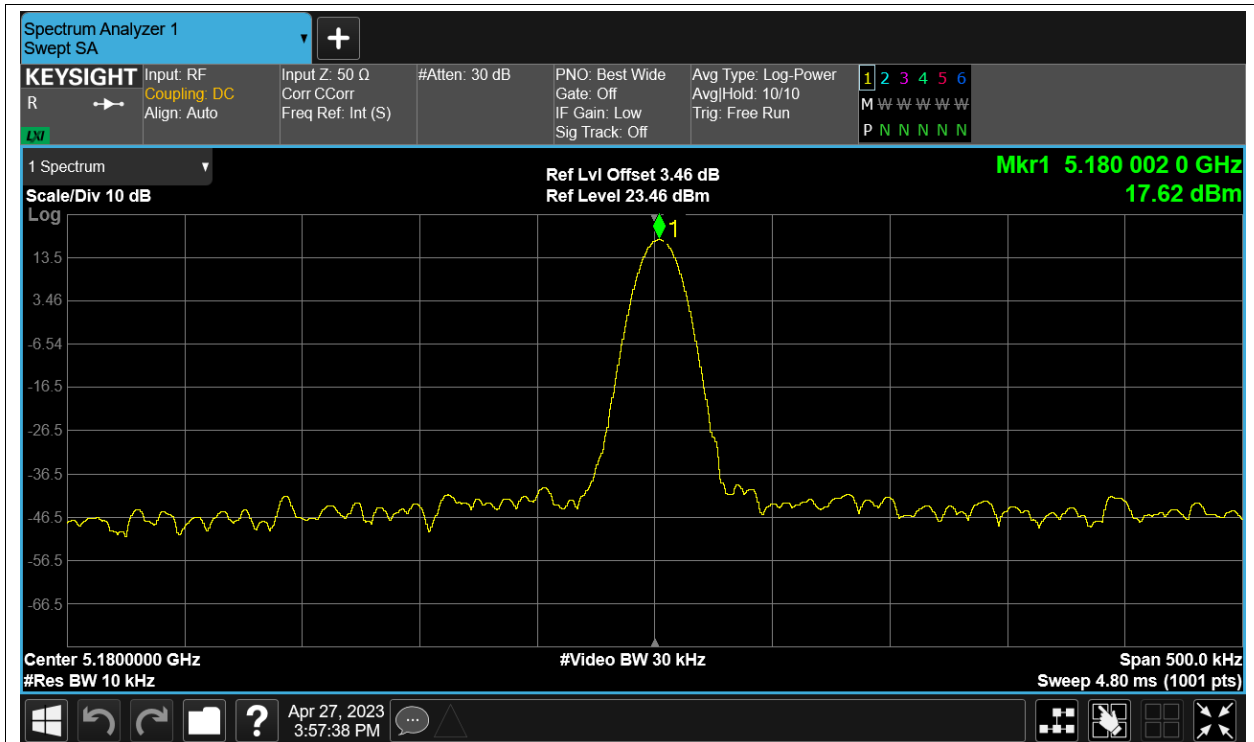
Freq. Stability NVHT a 5180MHz Ant1



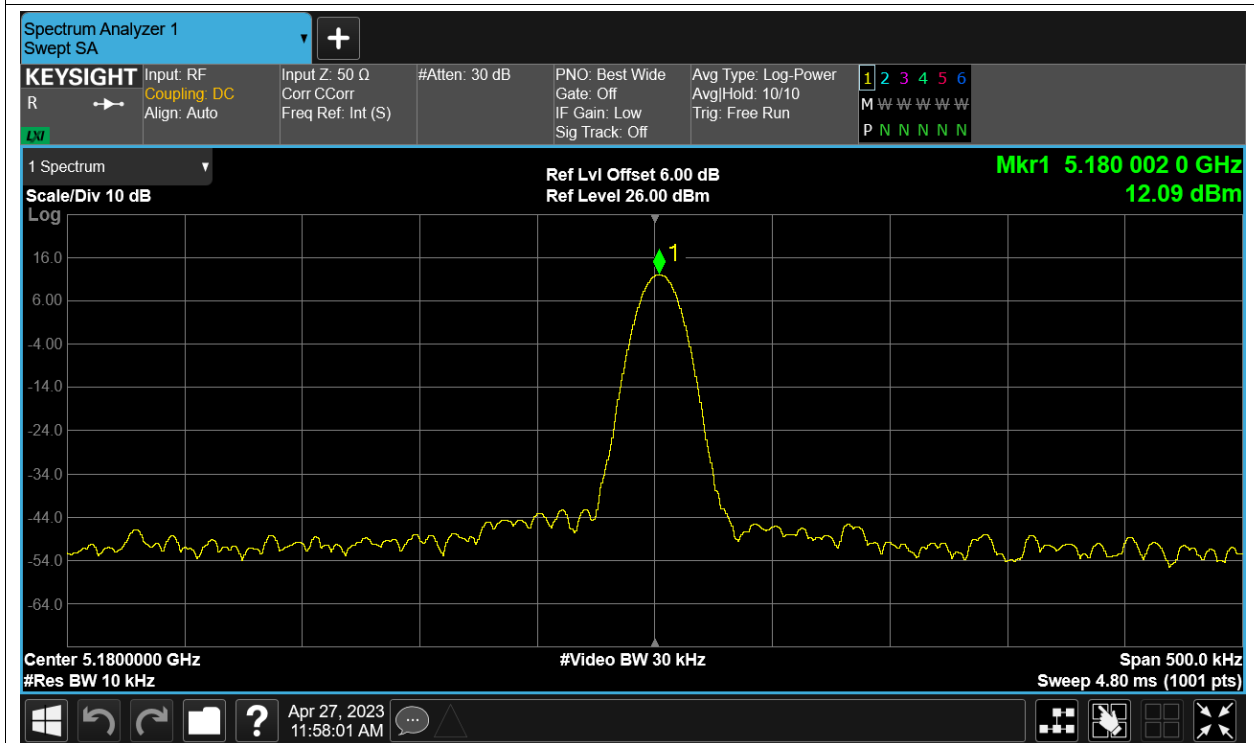
Freq. Stability NVHT a 5180MHz Ant10



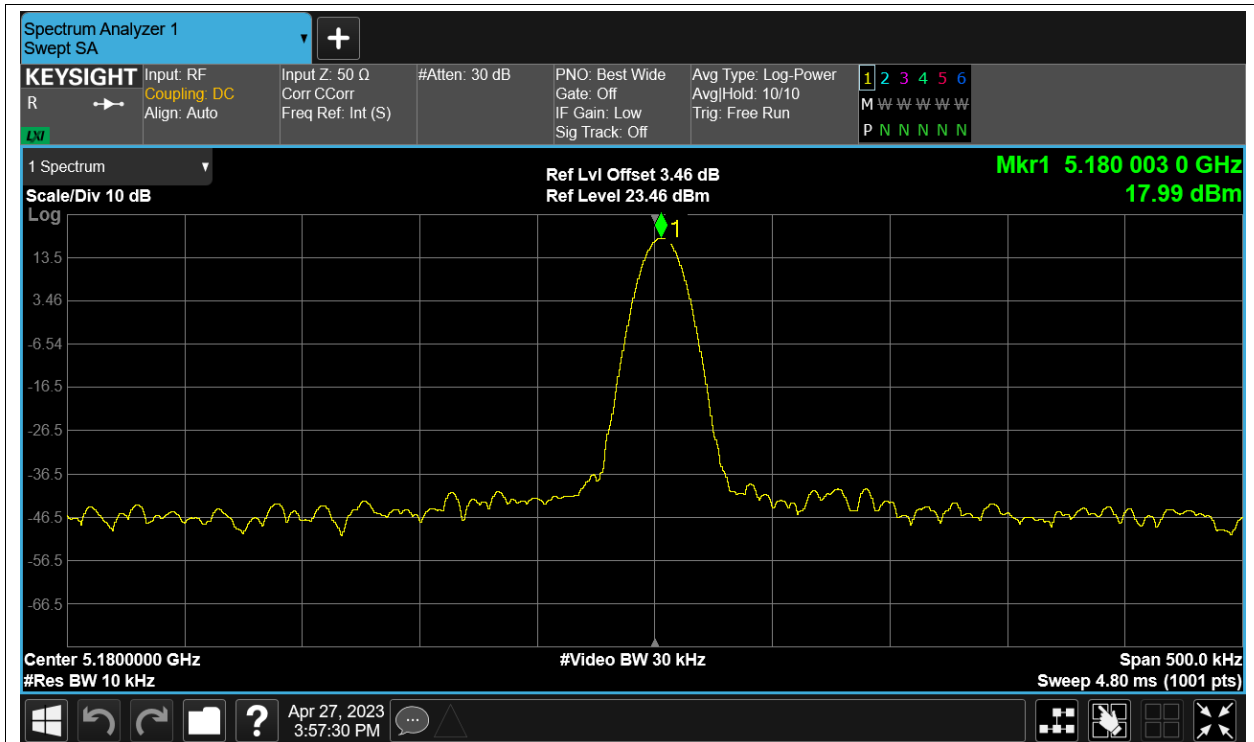
Freq. Stability NVLT a 5180MHz Ant1



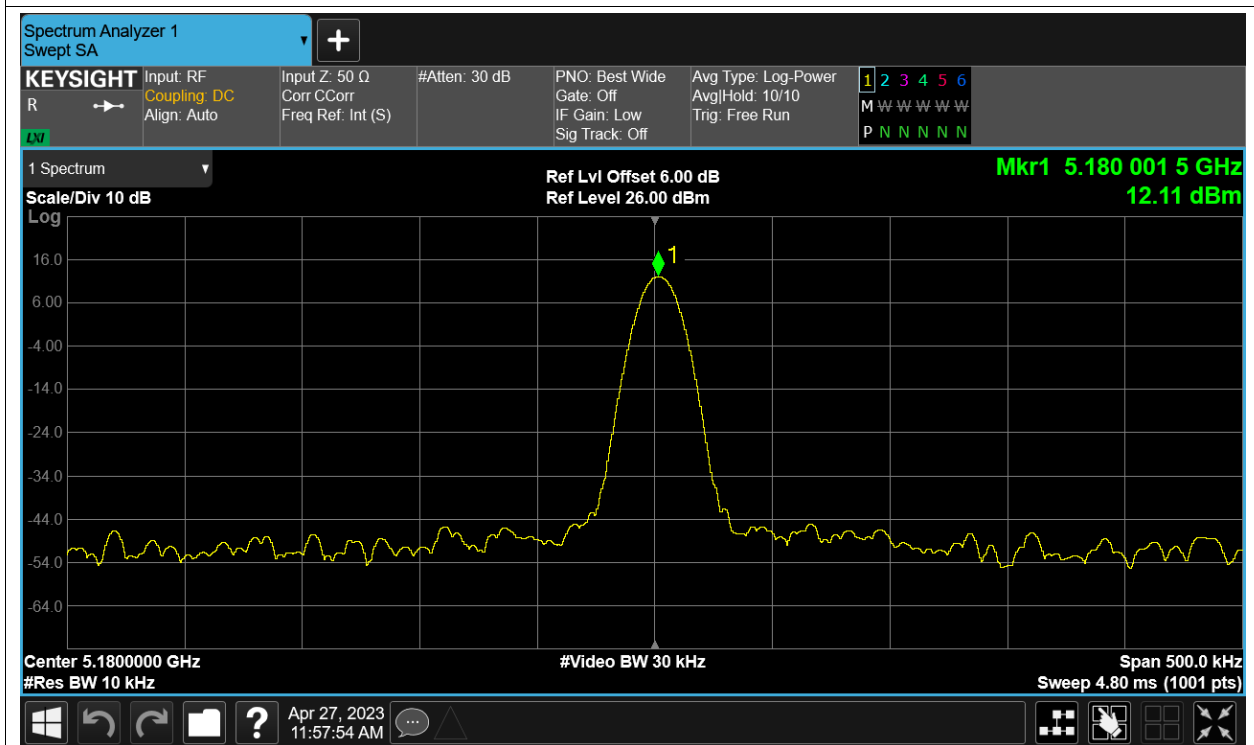
Freq. Stability NVLT a 5180MHz Ant10



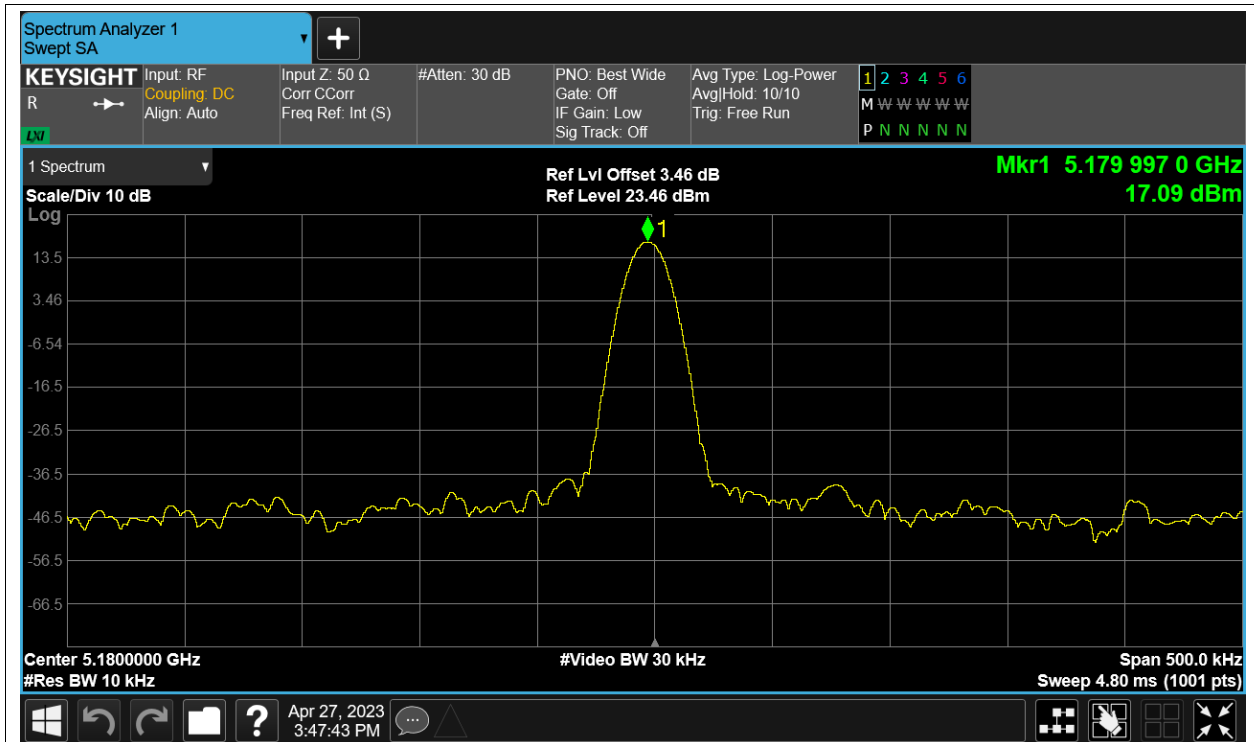
Freq. Stability NVNT a 5180MHz Ant1



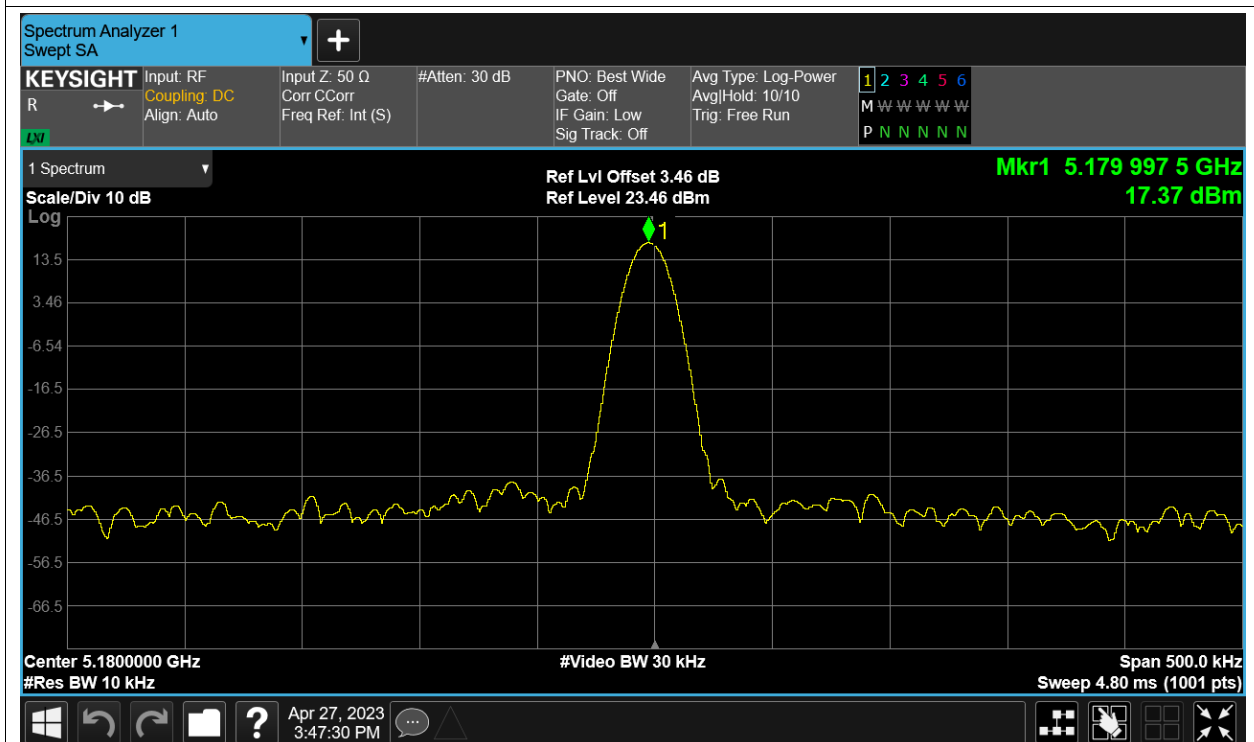
Freq. Stability NVNT a 5180MHz Ant10



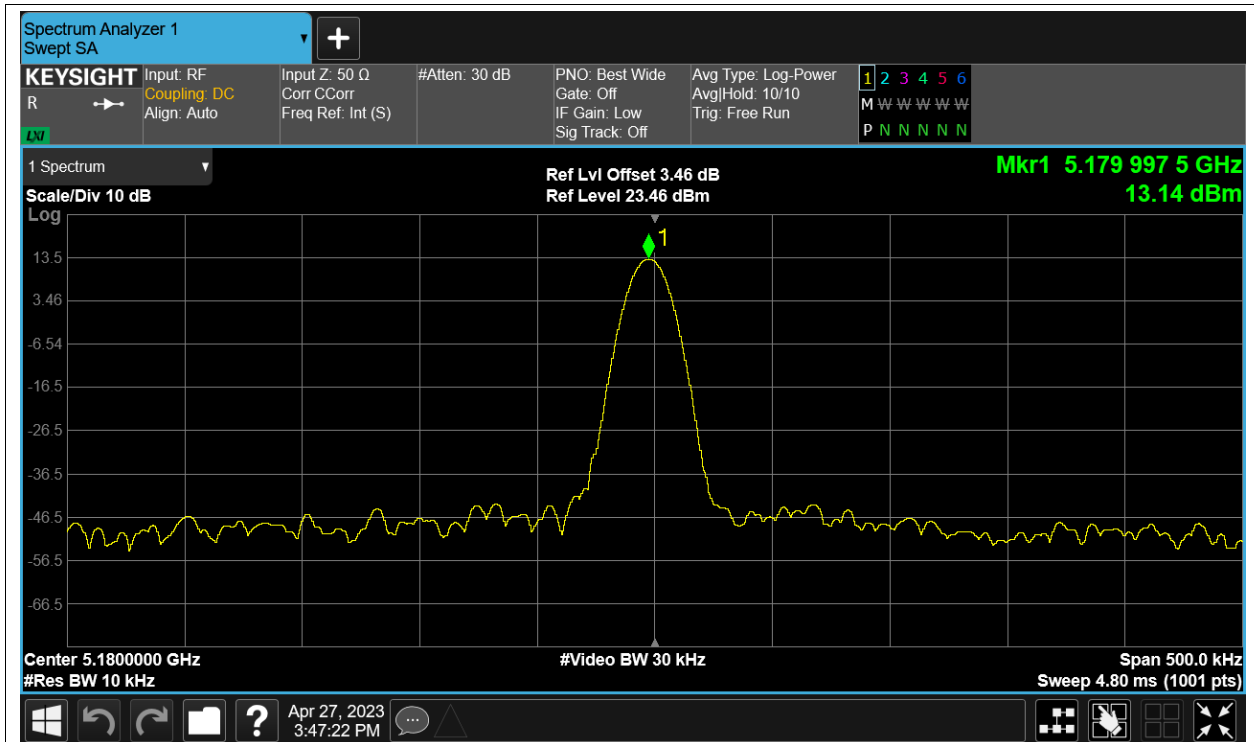
Freq. Stability HVNT ac20 5180MHz Sum



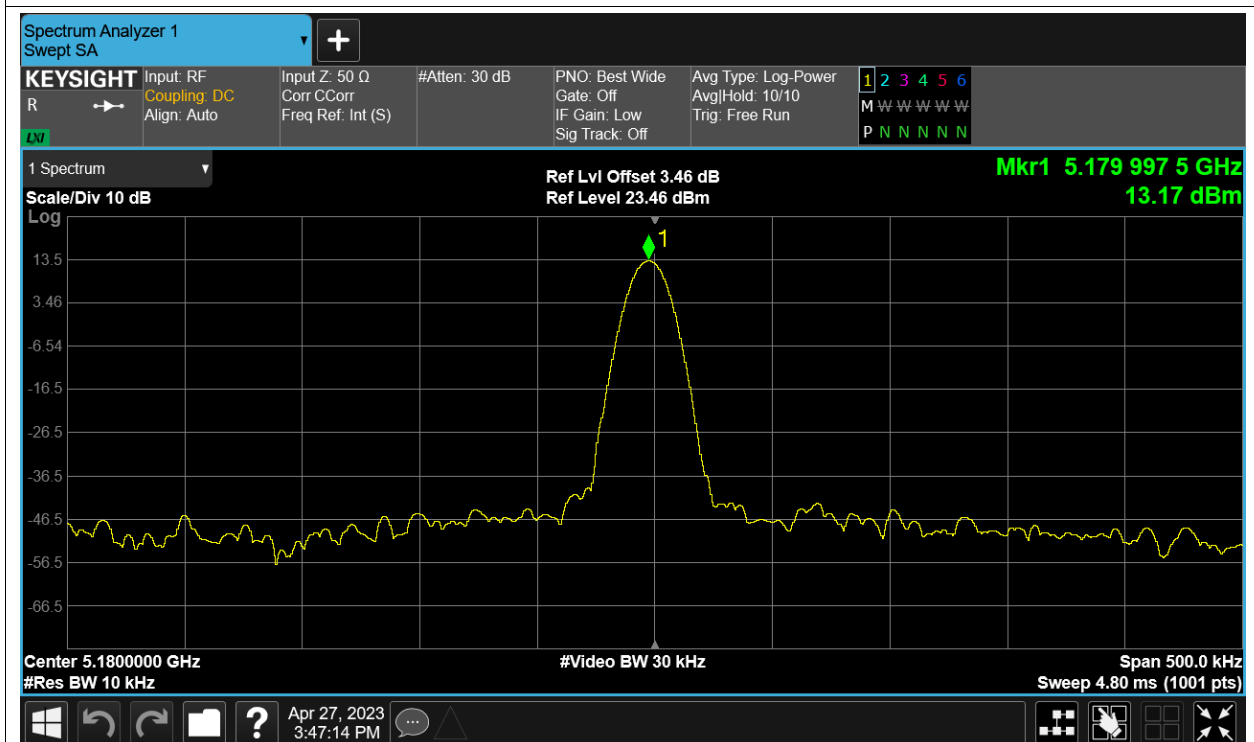
Freq. Stability LVNT ac20 5180MHz Sum



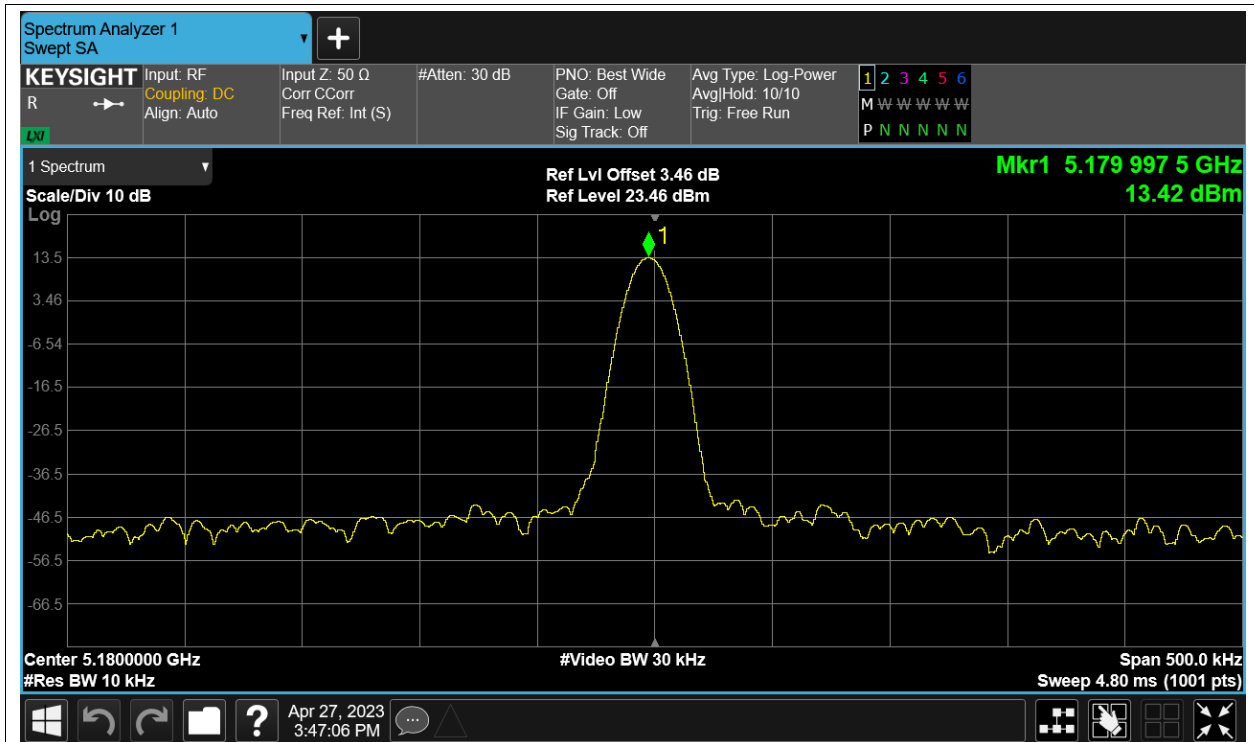
Freq. Stability NVHT ac20 5180MHz Sum



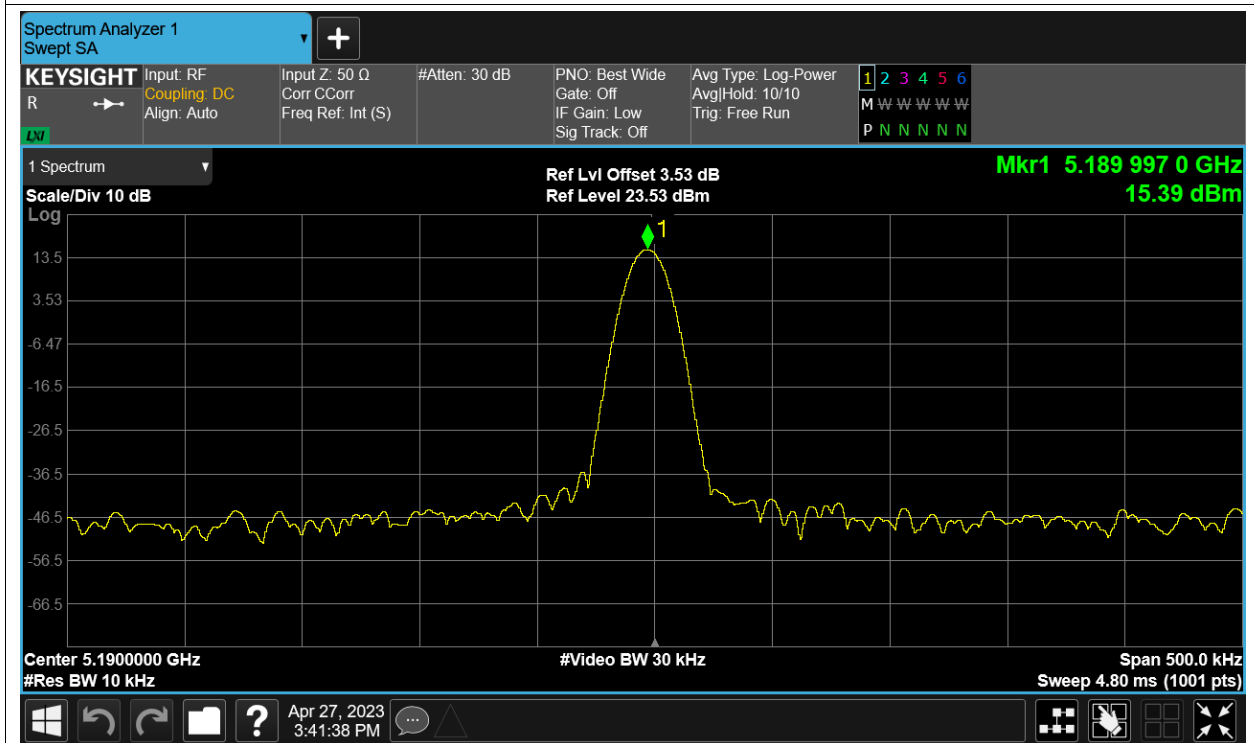
Freq. Stability NVLT ac20 5180MHz Sum



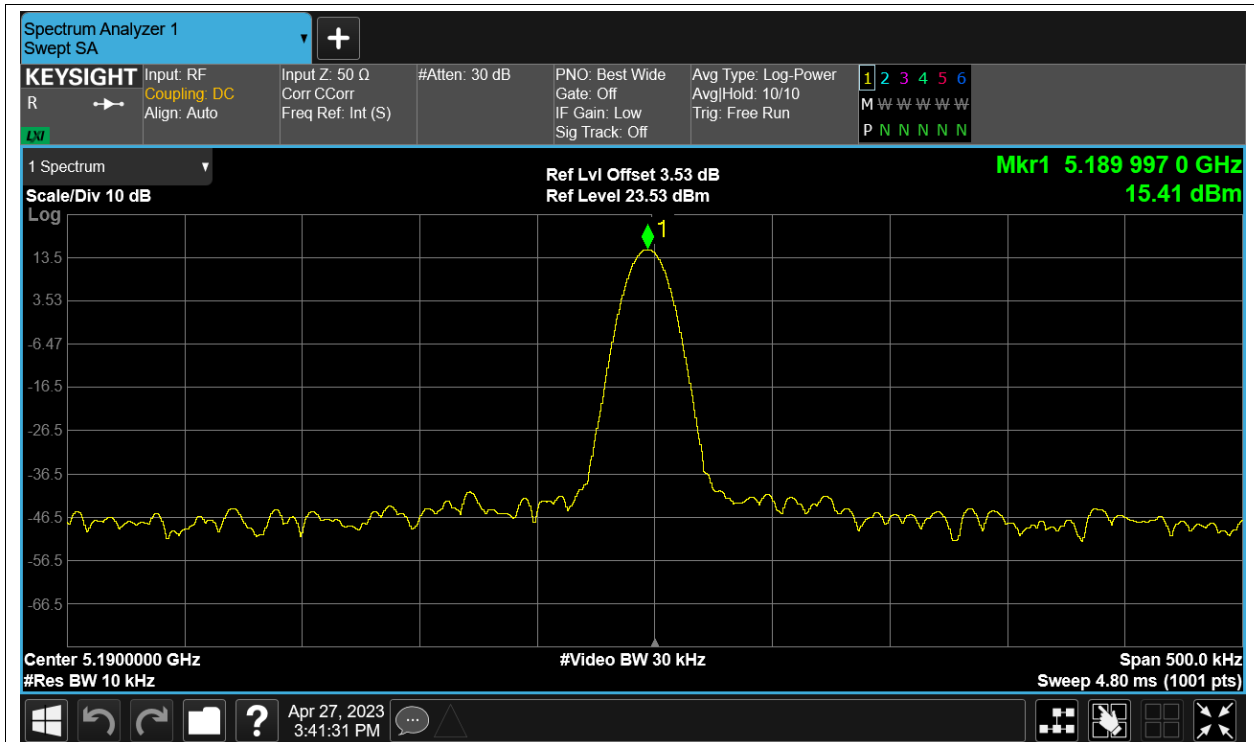
Freq. Stability NVNT ac20 5180MHz Sum



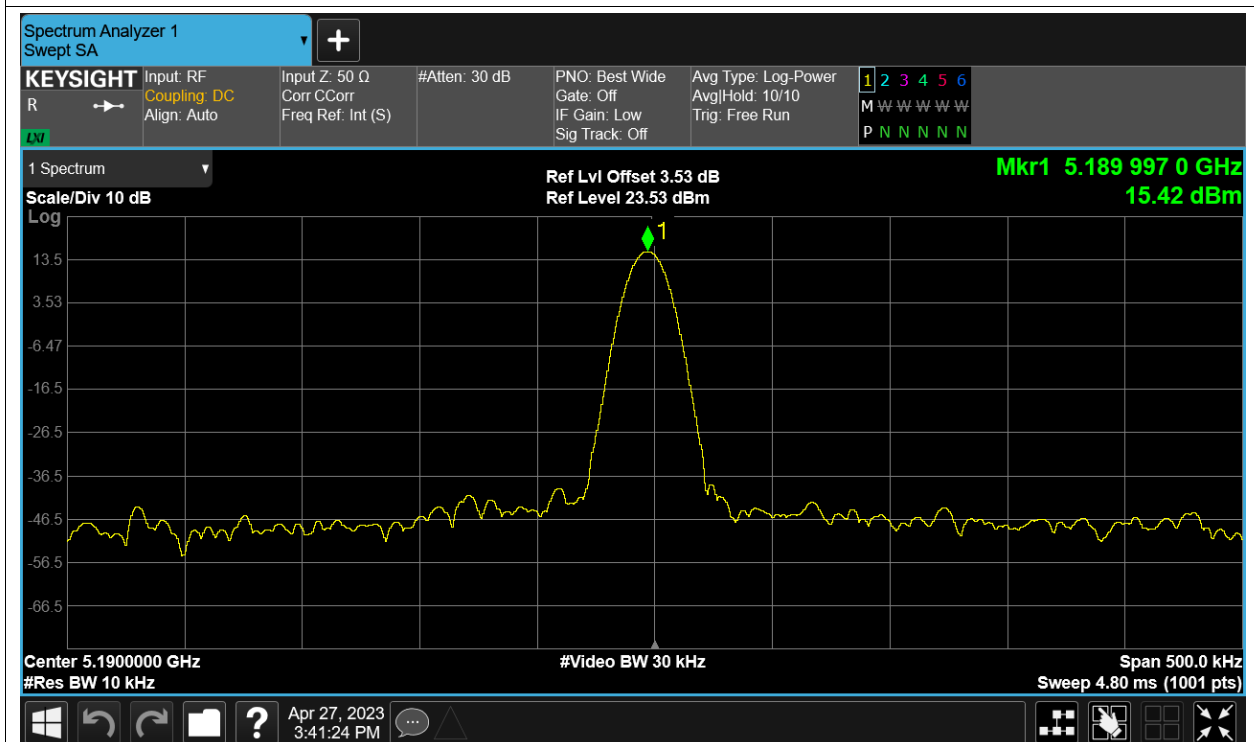
Freq. Stability HVNT ac40 5190MHz Sum



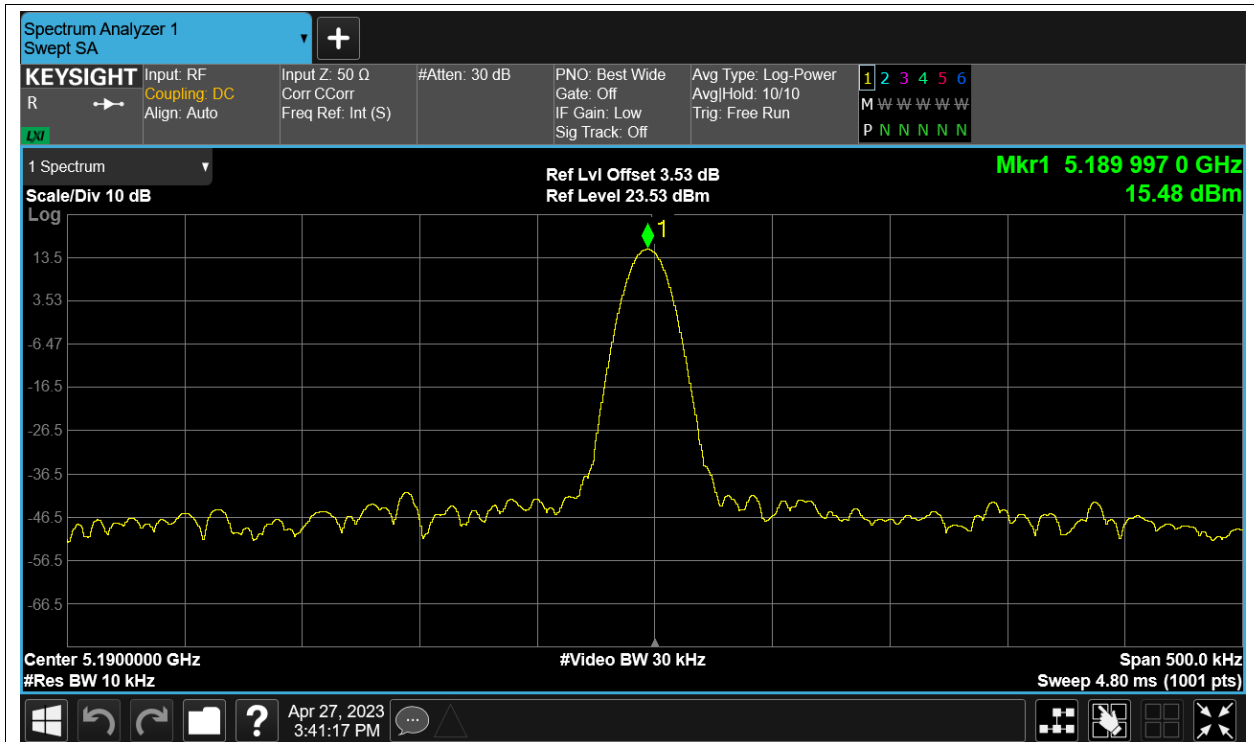
Freq. Stability LVNT ac40 5190MHz Sum



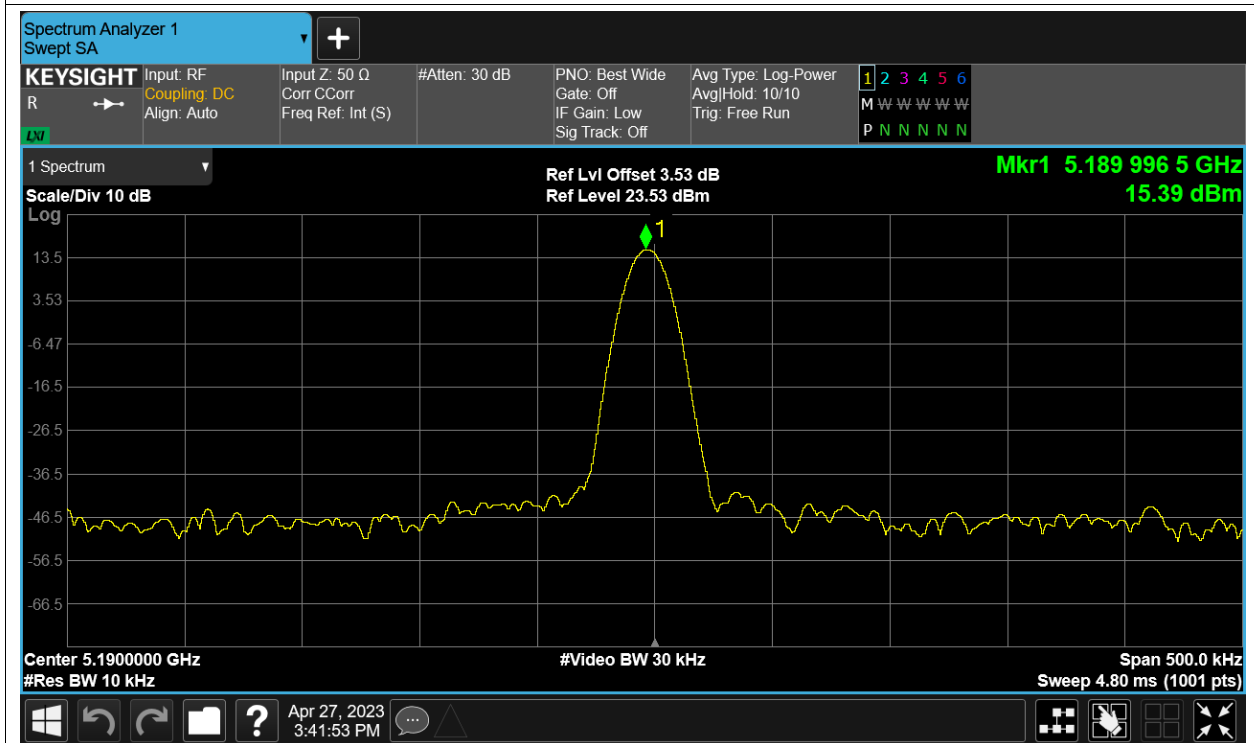
Freq. Stability NVHT ac40 5190MHz Sum



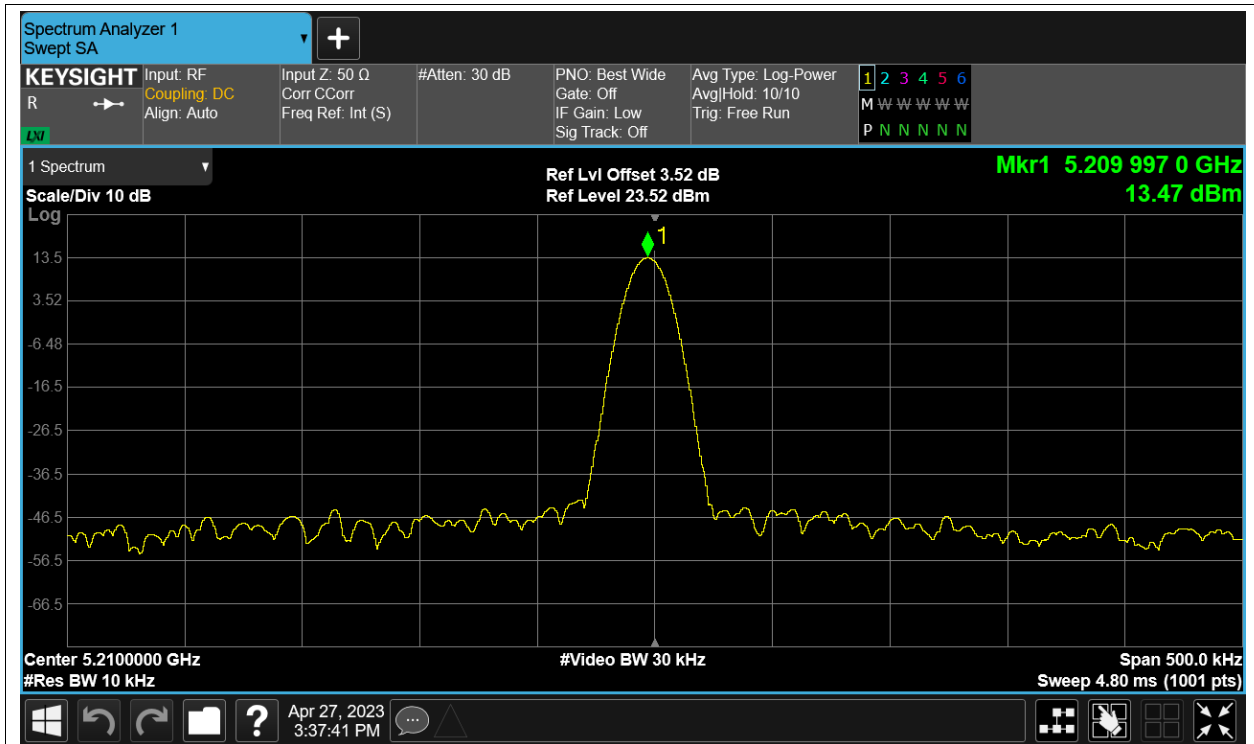
Freq. Stability NVLT ac40 5190MHz Sum



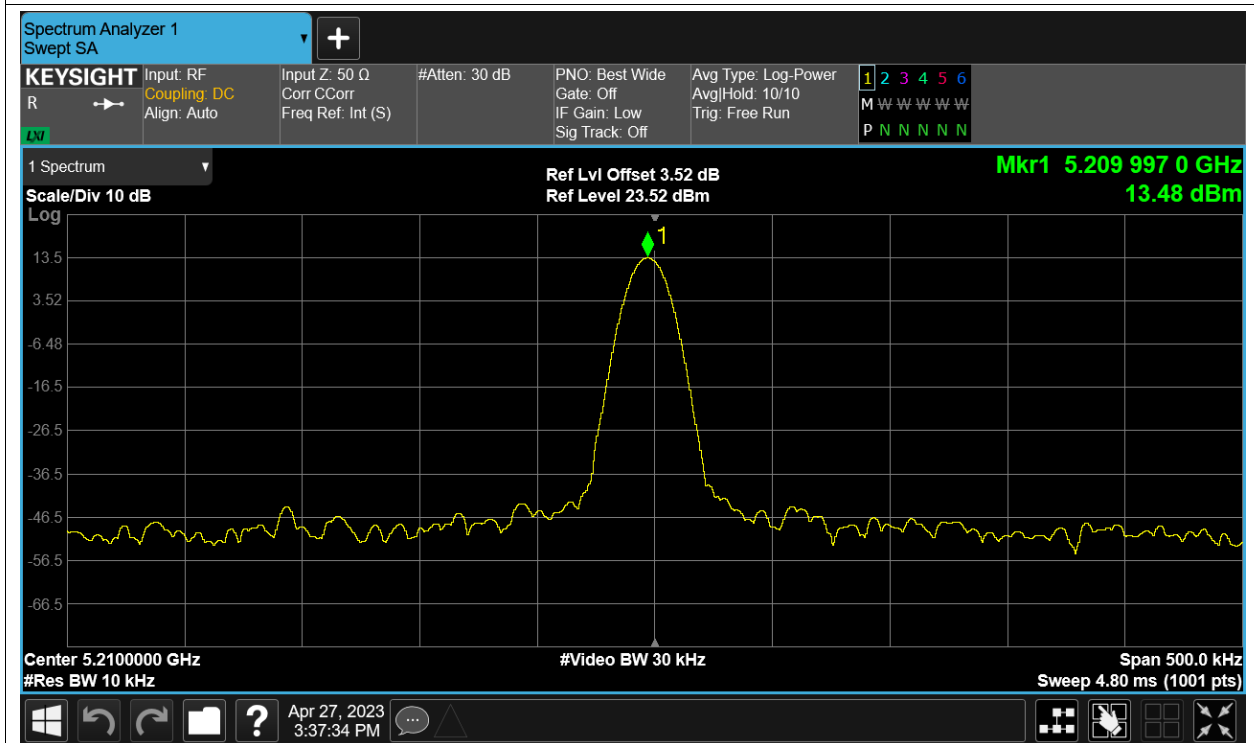
Freq. Stability NVNT ac40 5190MHz Sum



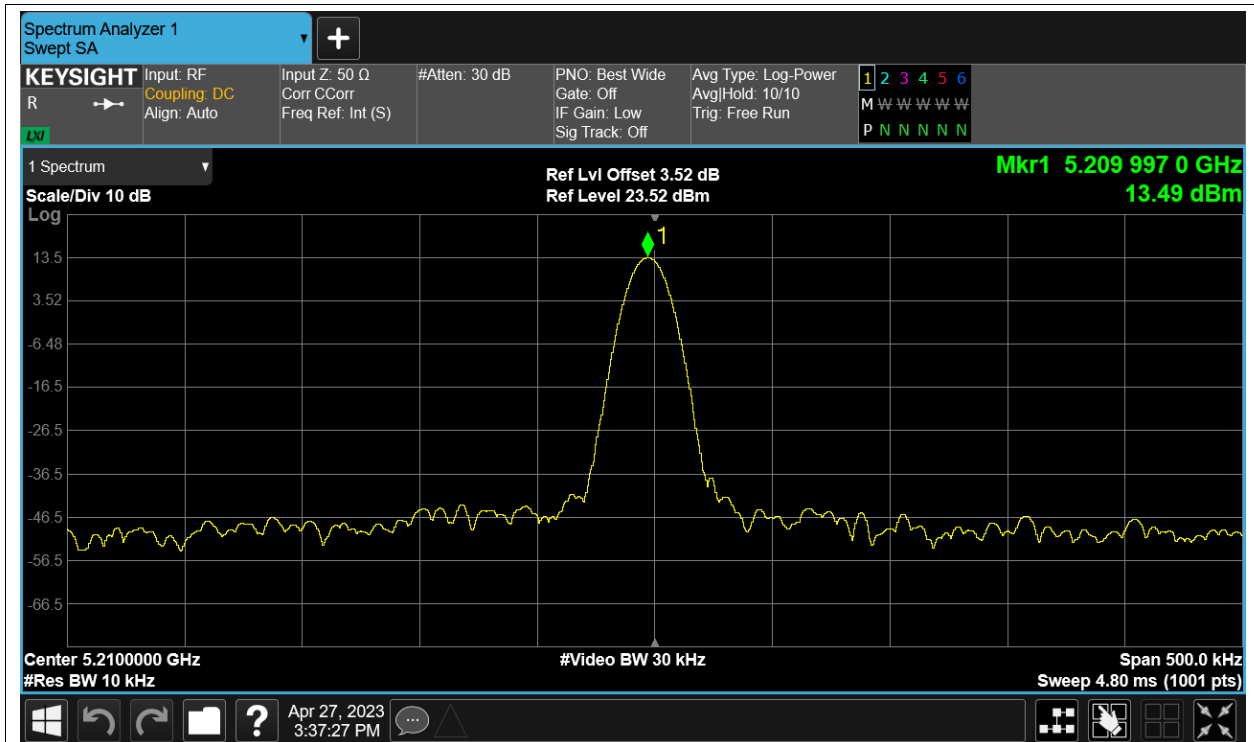
Freq. Stability HVNT ac80 5210MHz Sum



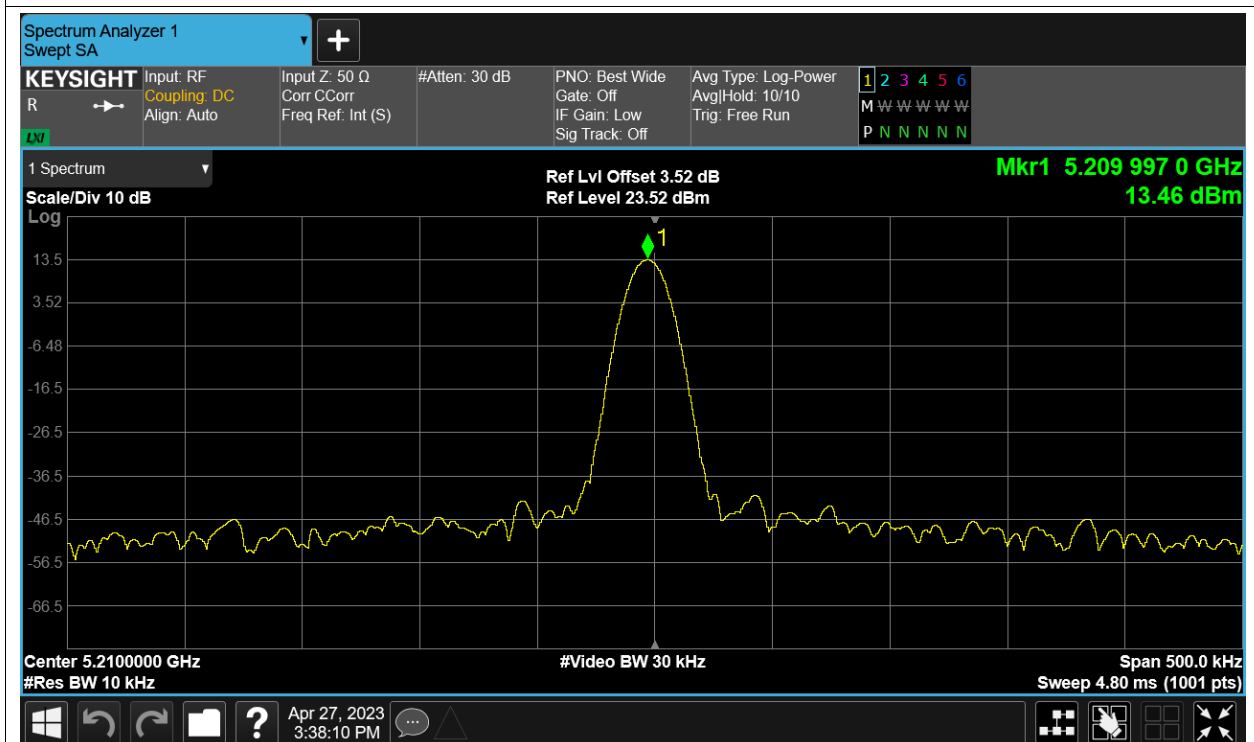
Freq. Stability LVNT ac80 5210MHz Sum



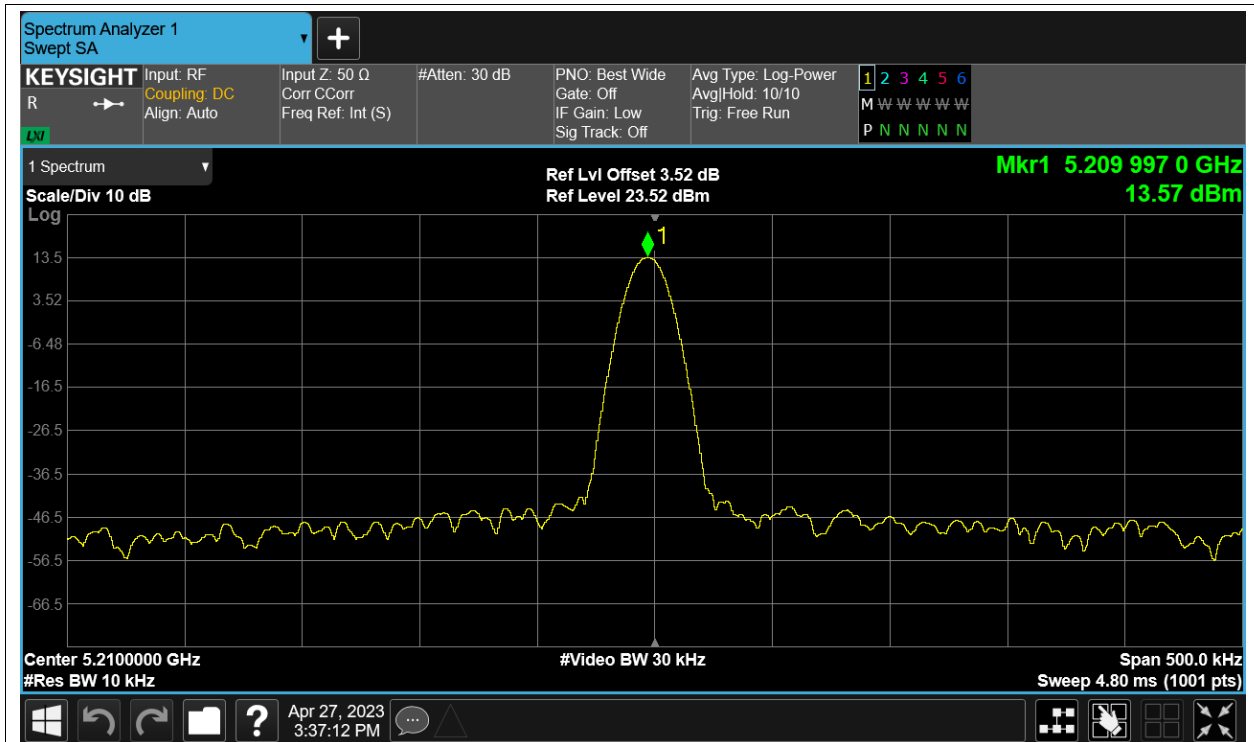
Freq. Stability NVHT ac80 5210MHz Sum



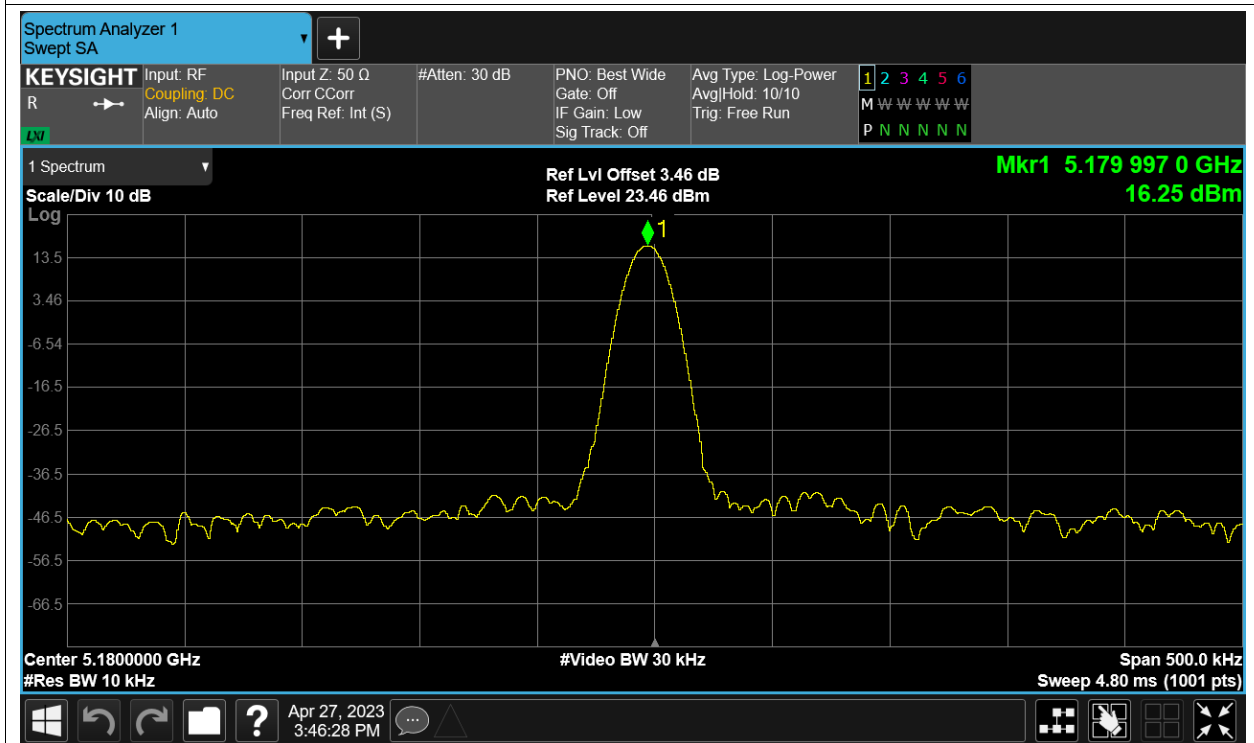
Freq. Stability NVLT ac80 5210MHz Sum



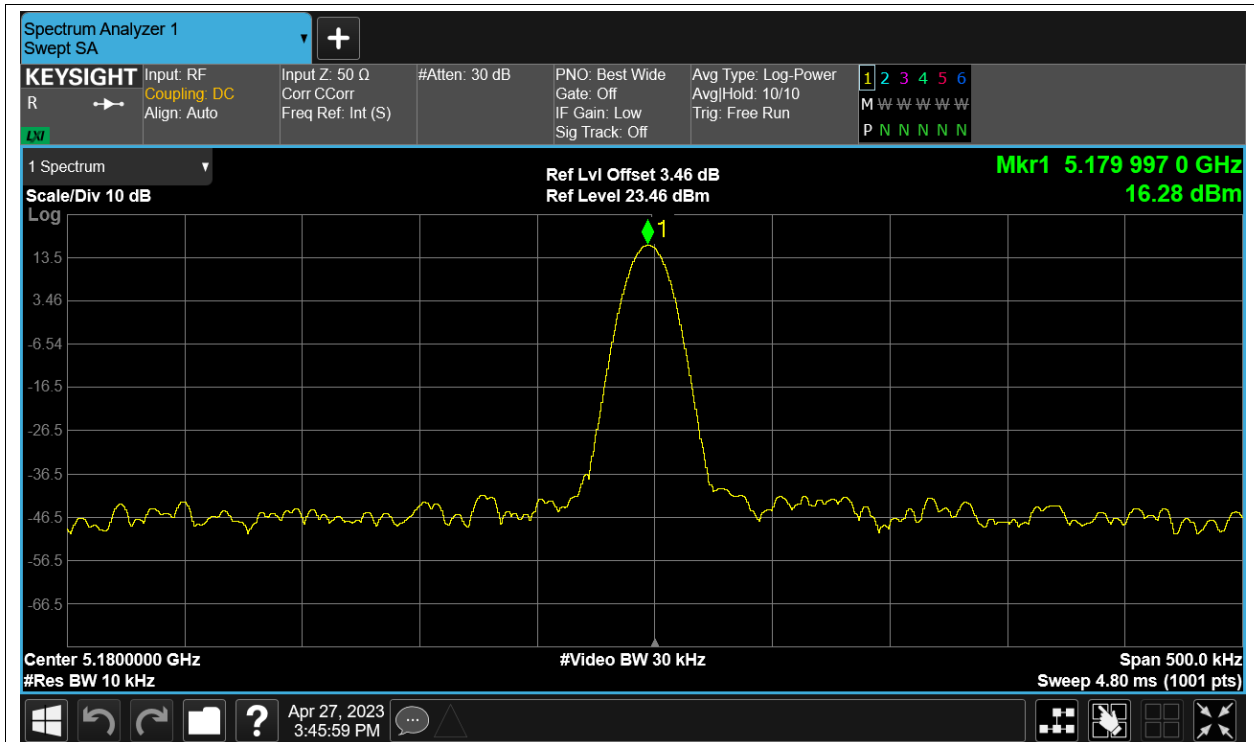
Freq. Stability NVNT ac80 5210MHz Sum



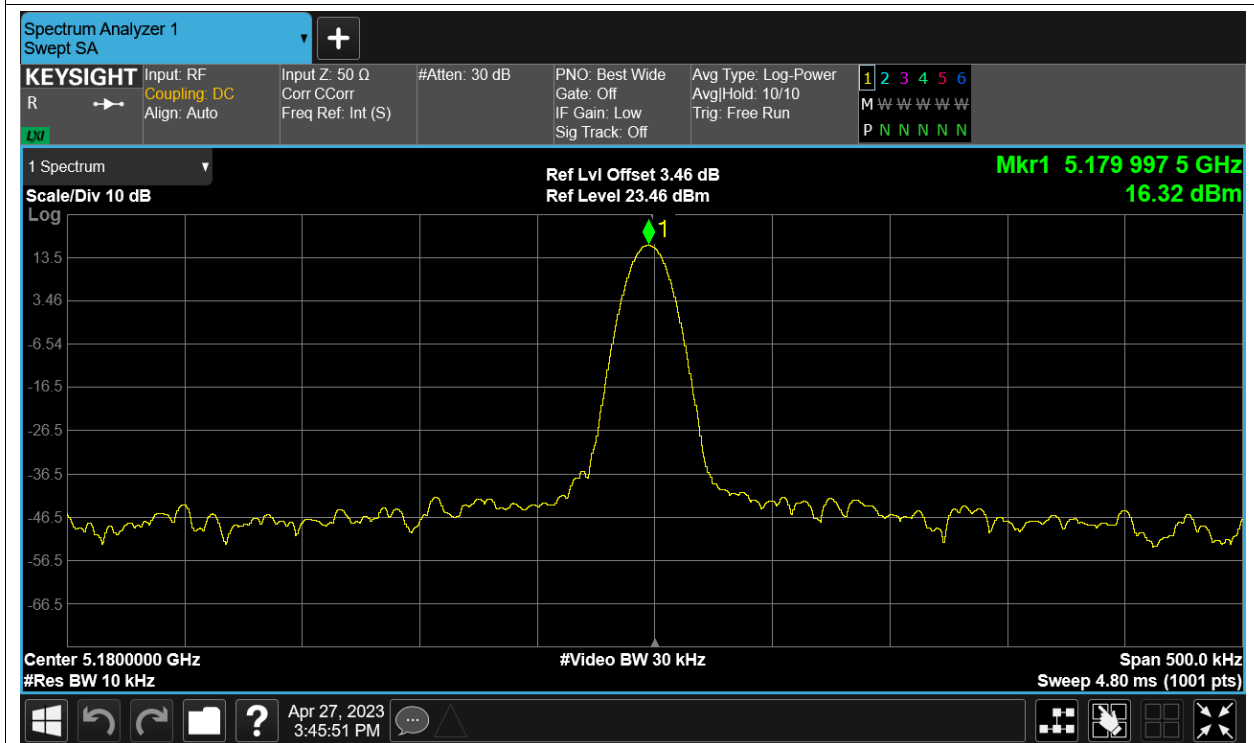
Freq. Stability HVNT ax20 5180MHz Sum



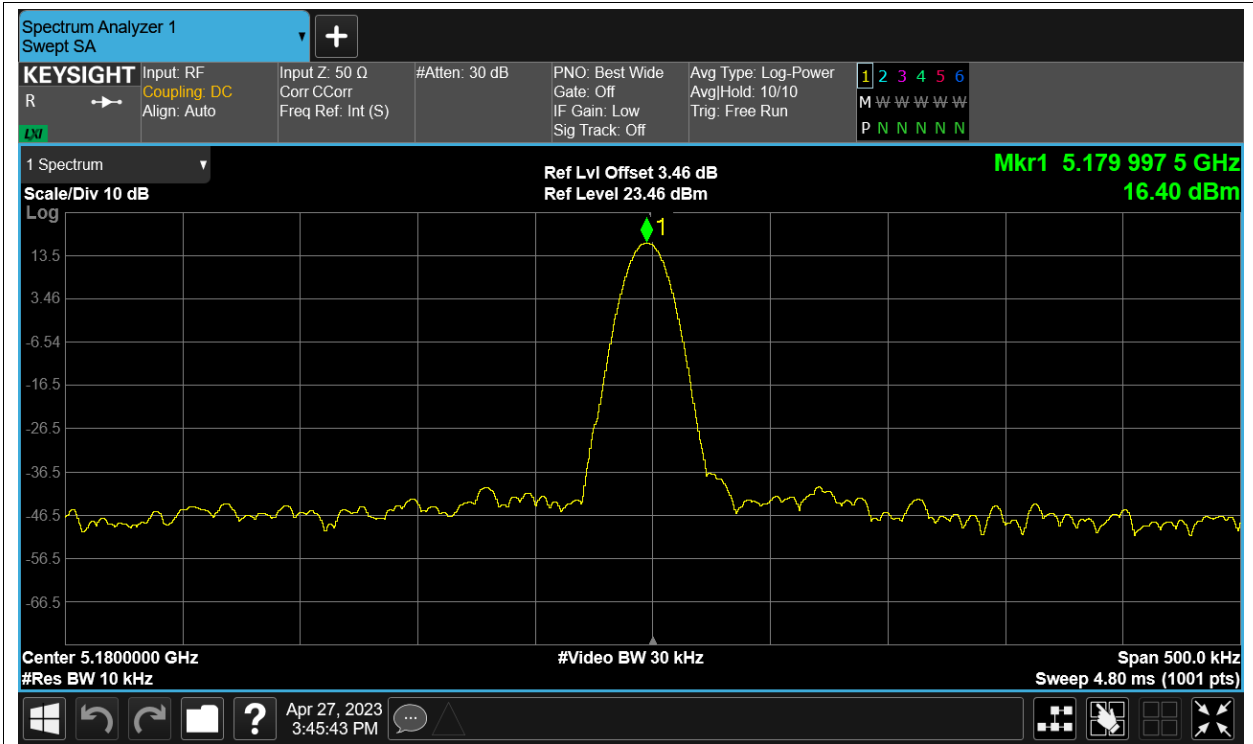
Freq. Stability LVNT ax20 5180MHz Sum



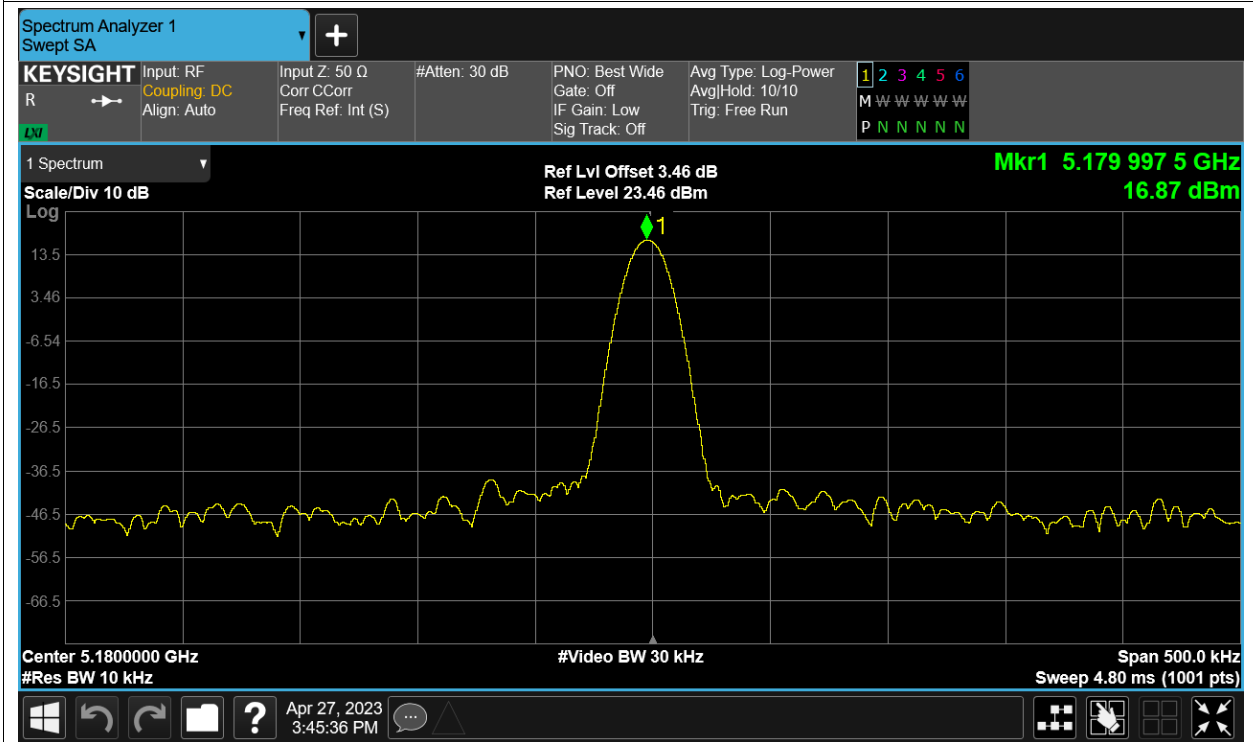
Freq. Stability NVHT ax20 5180MHz Sum



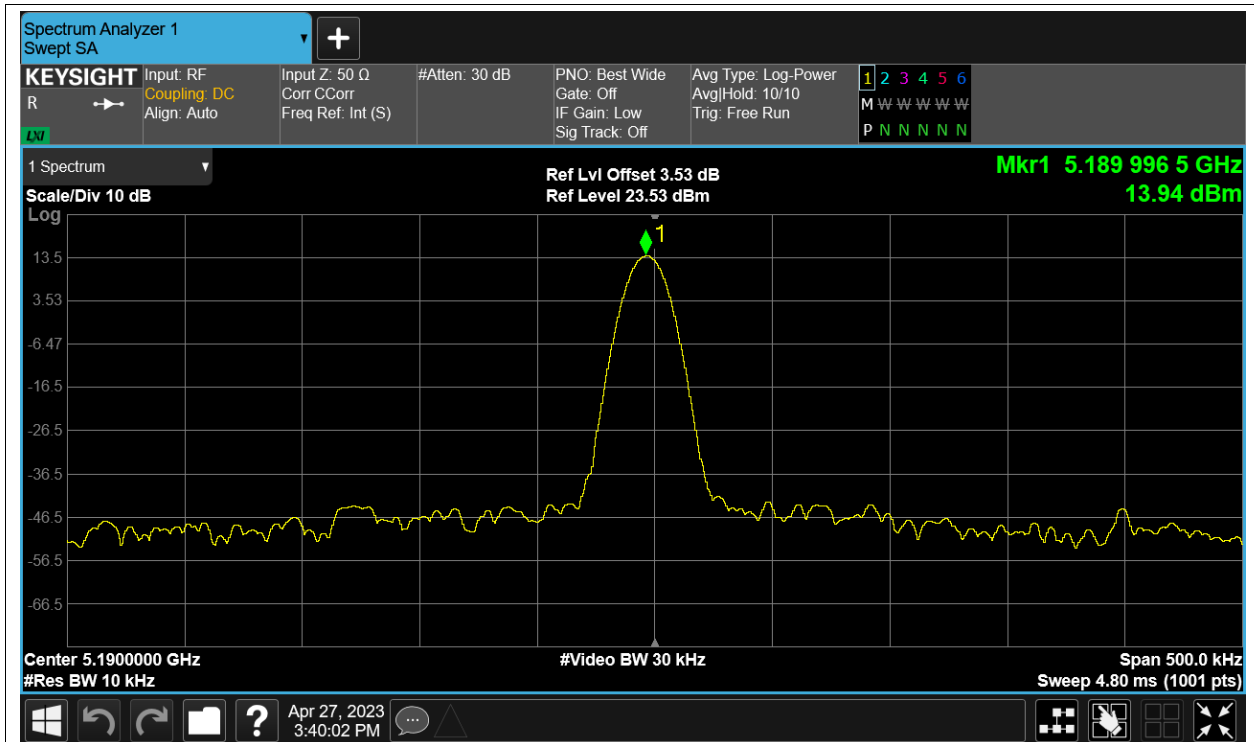
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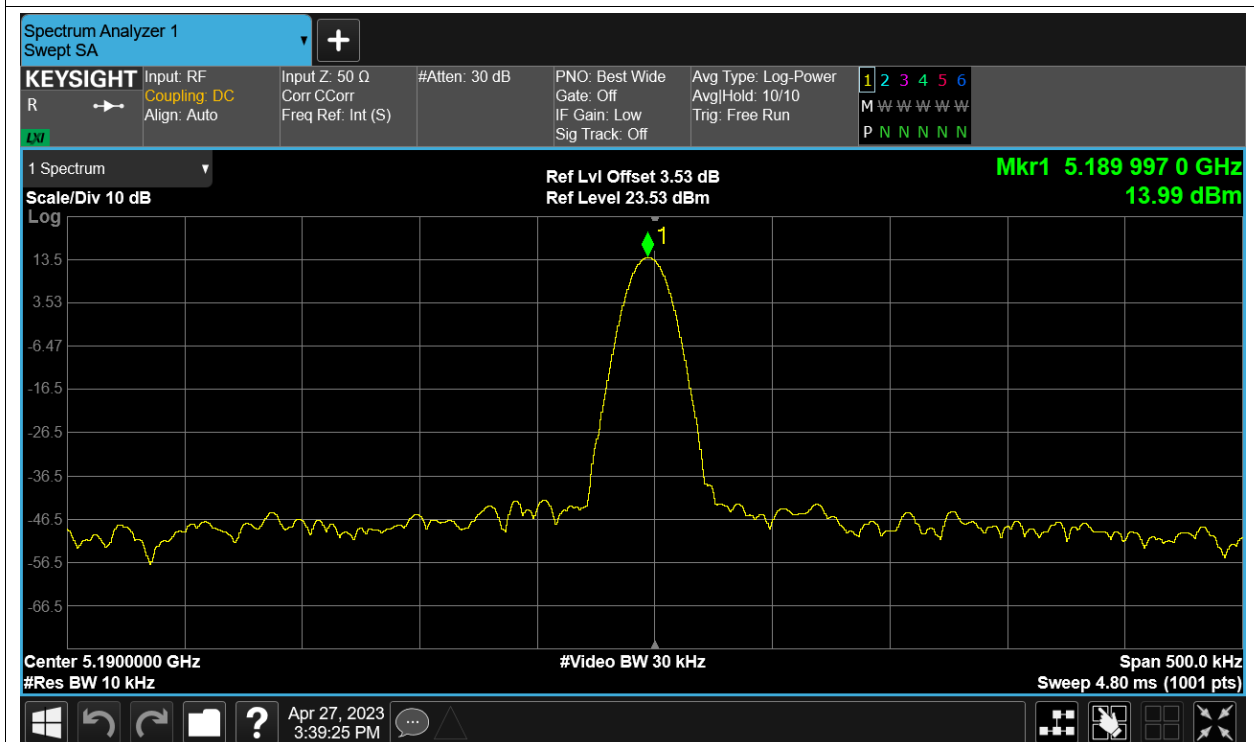
Freq. Stability NVNT ax20 5180MHz Sum



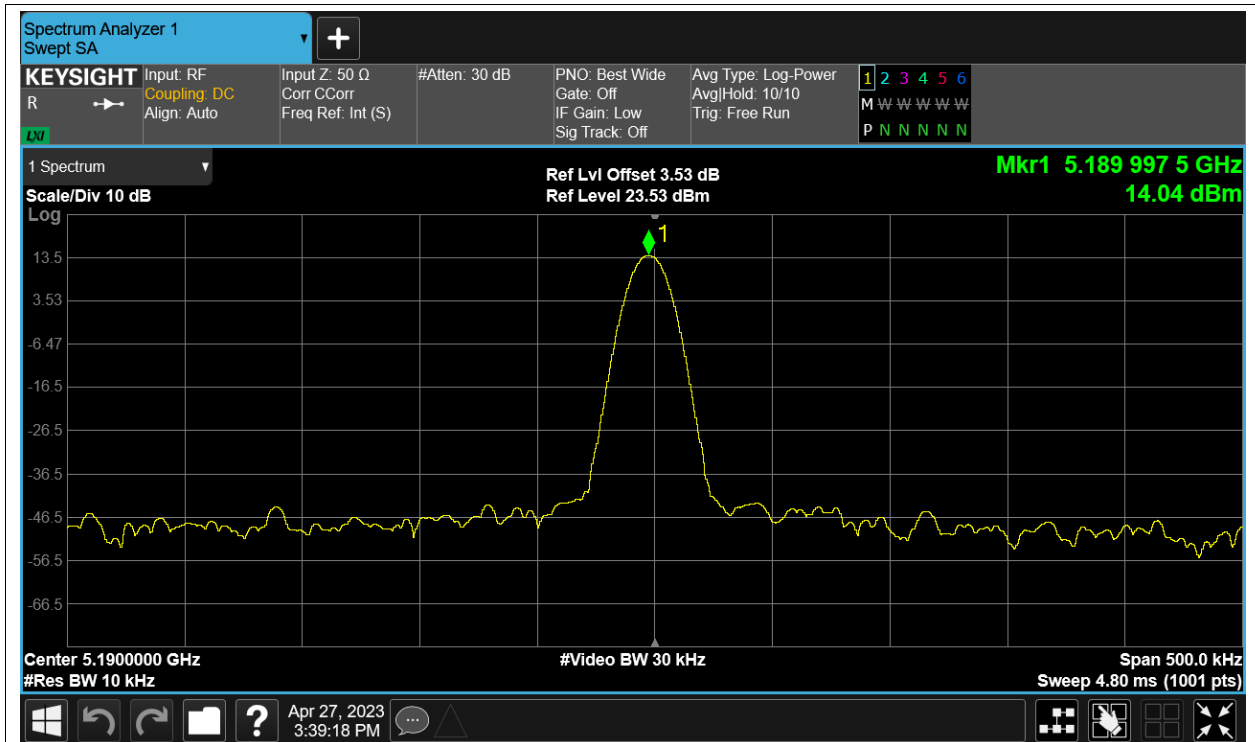
Freq. Stability HVNT ax40 5190MHz Sum



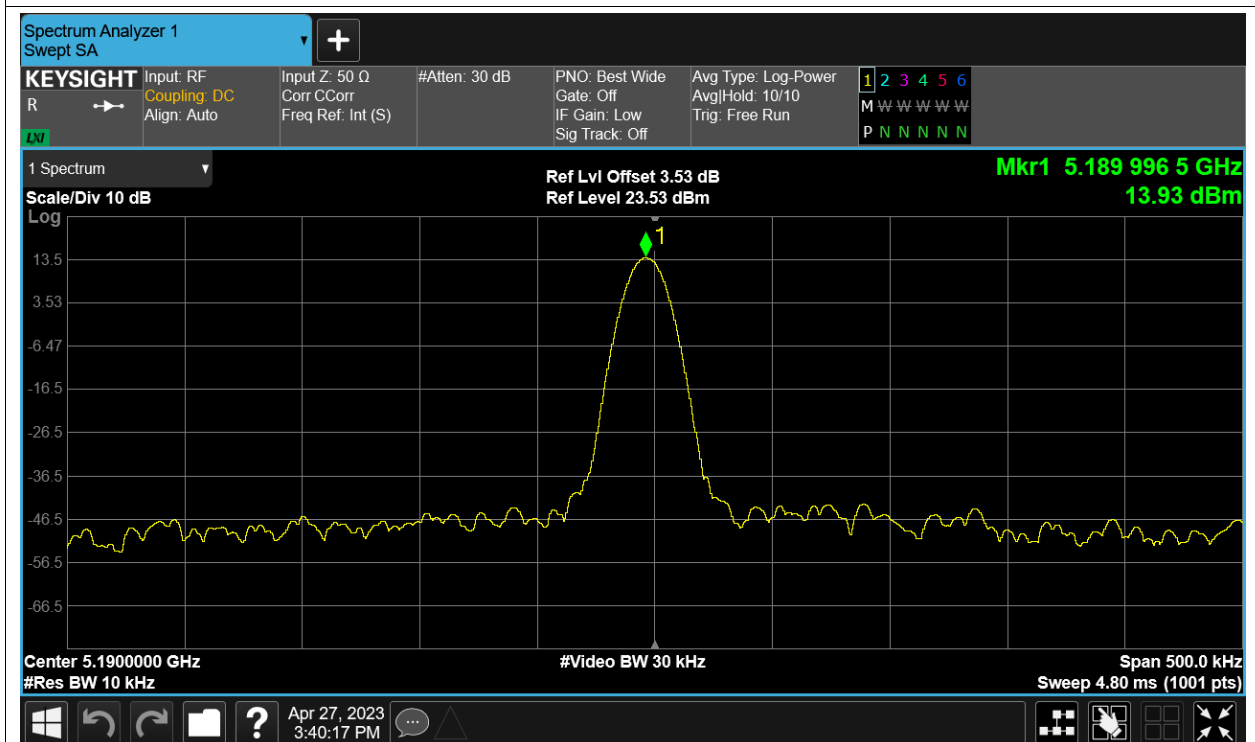
Freq. Stability LVNT ax40 5190MHz Sum



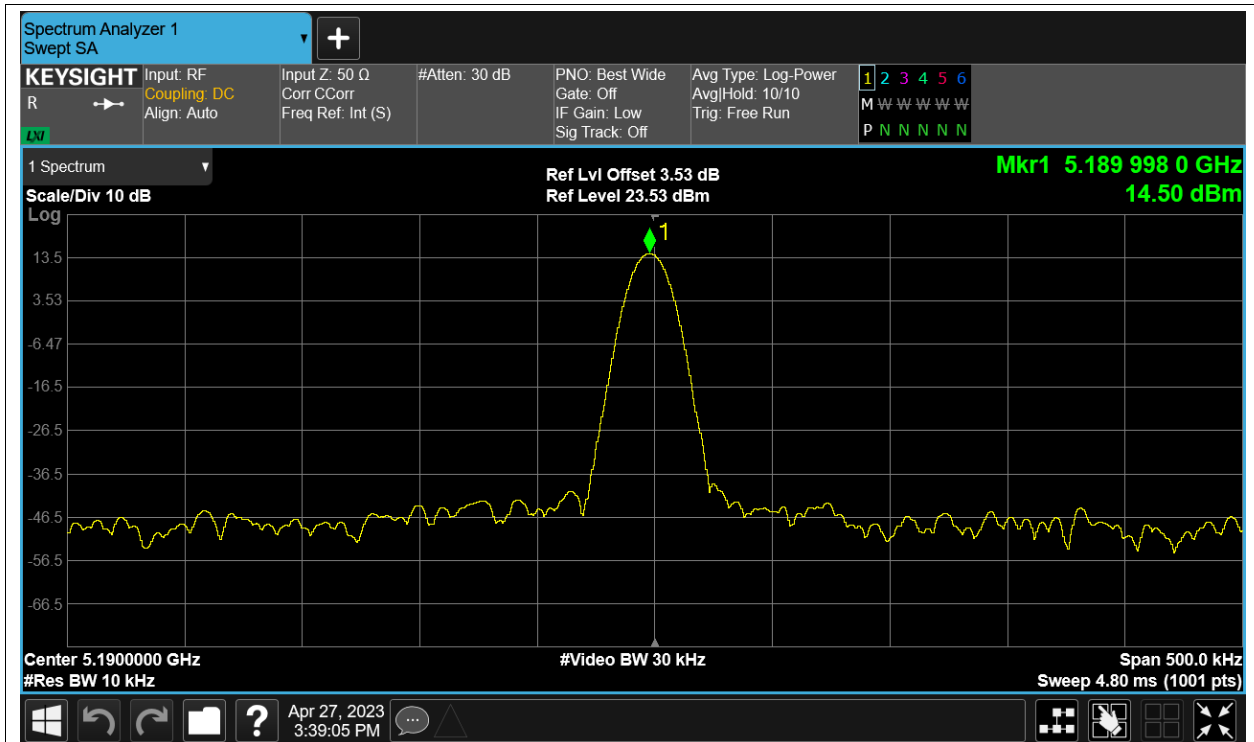
Freq. Stability NVHT ax40 5190MHz Sum



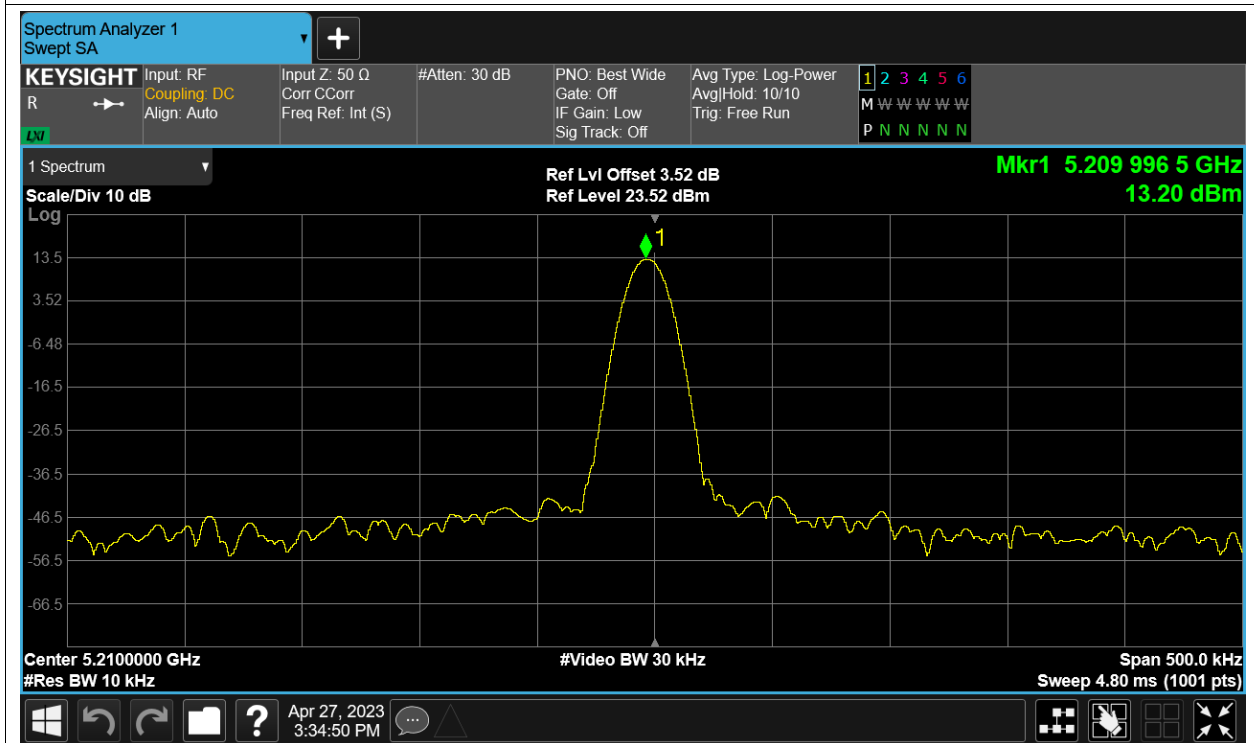
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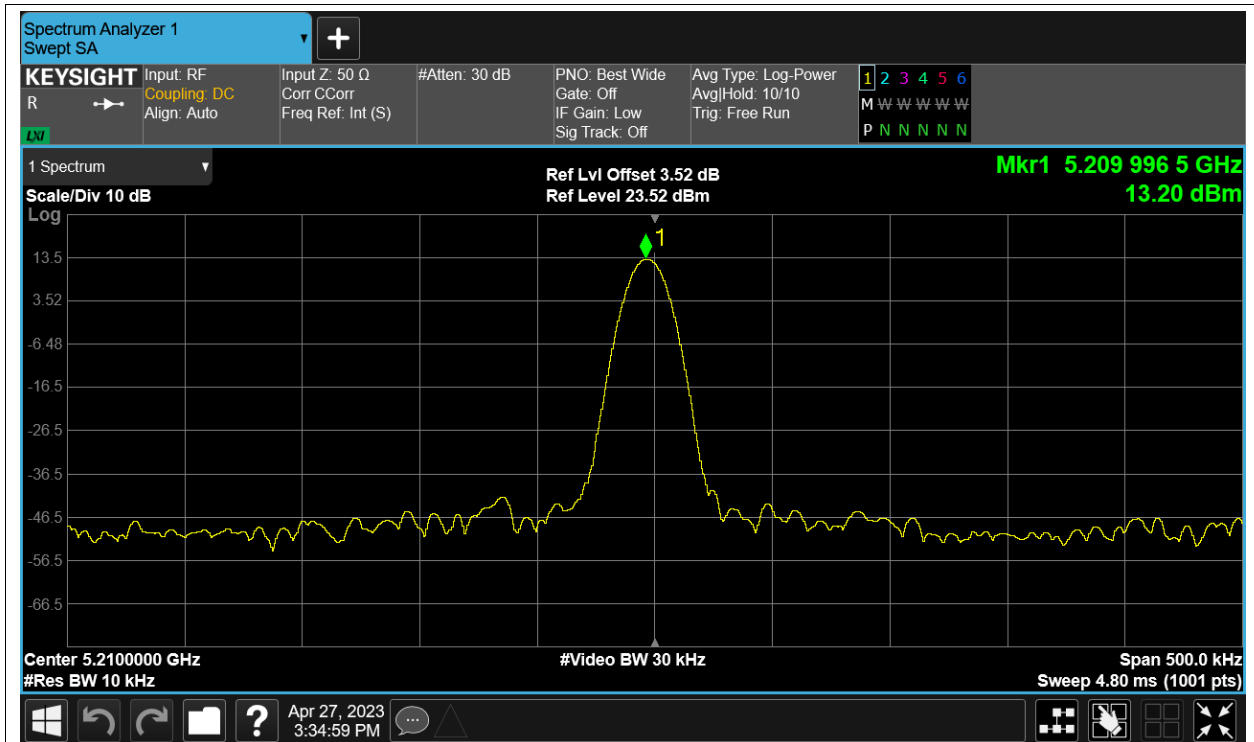
Freq. Stability NVNT ax40 5190MHz Sum



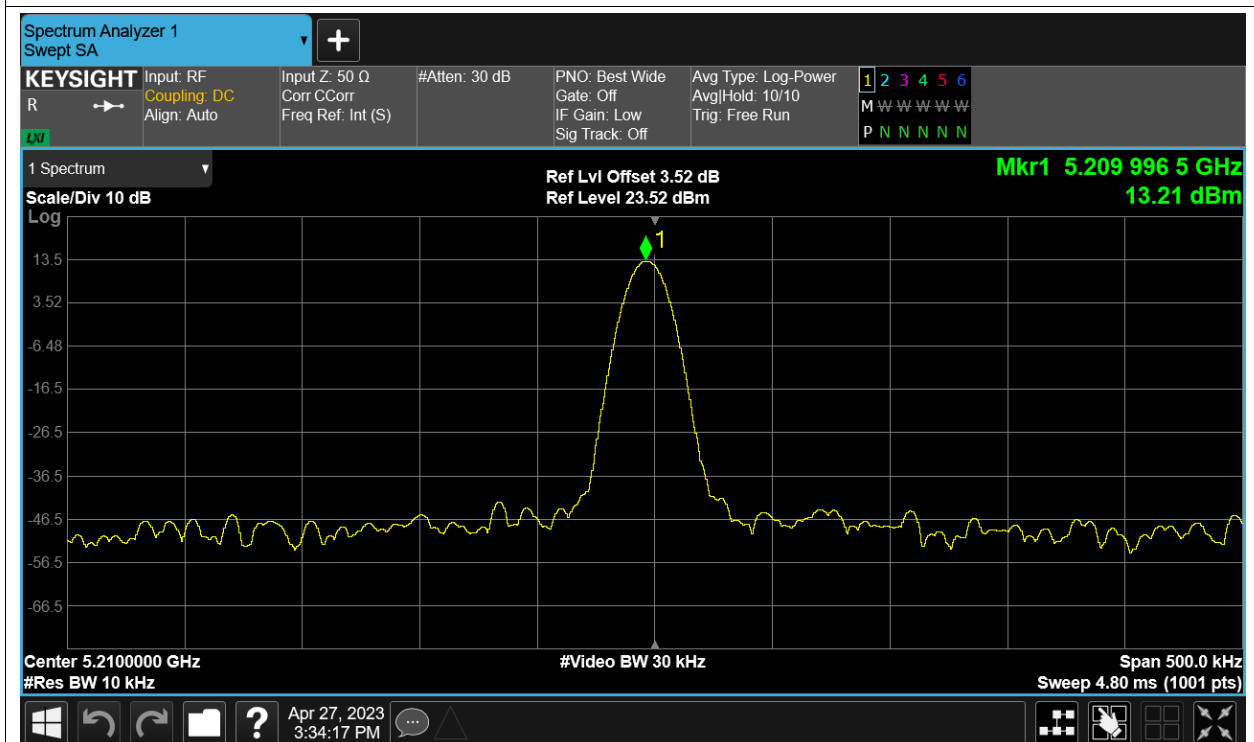
Freq. Stability HVNT ax80 5210MHz Sum



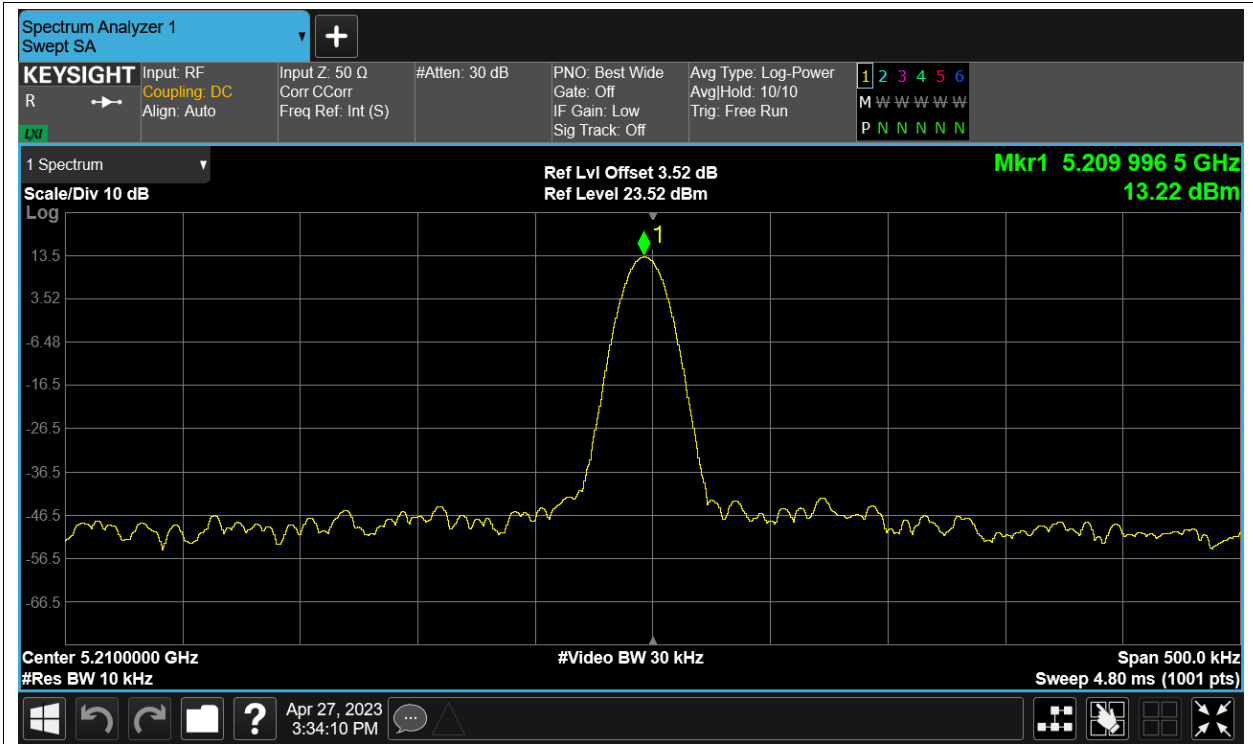
Freq. Stability LVNT ax80 5210MHz Sum



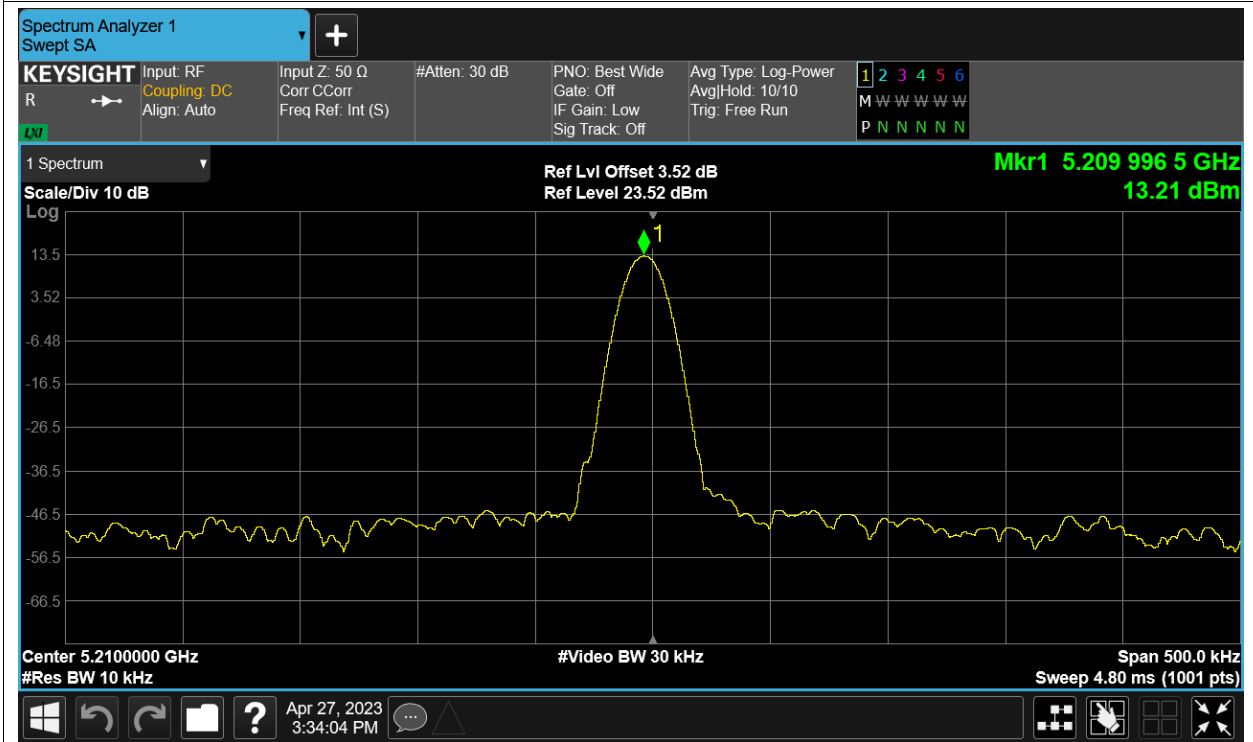
Freq. Stability NVHT ax80 5210MHz Sum



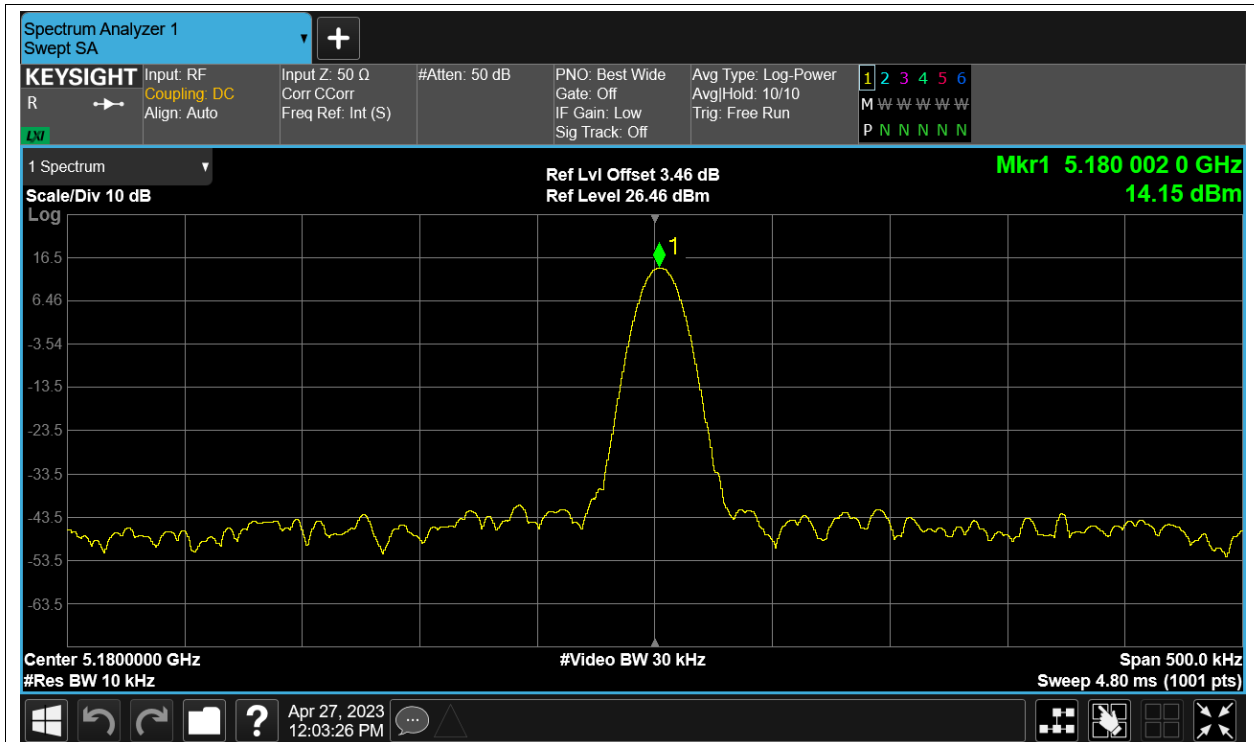
Freq. Stability NVLT ax80 5210MHz Sum



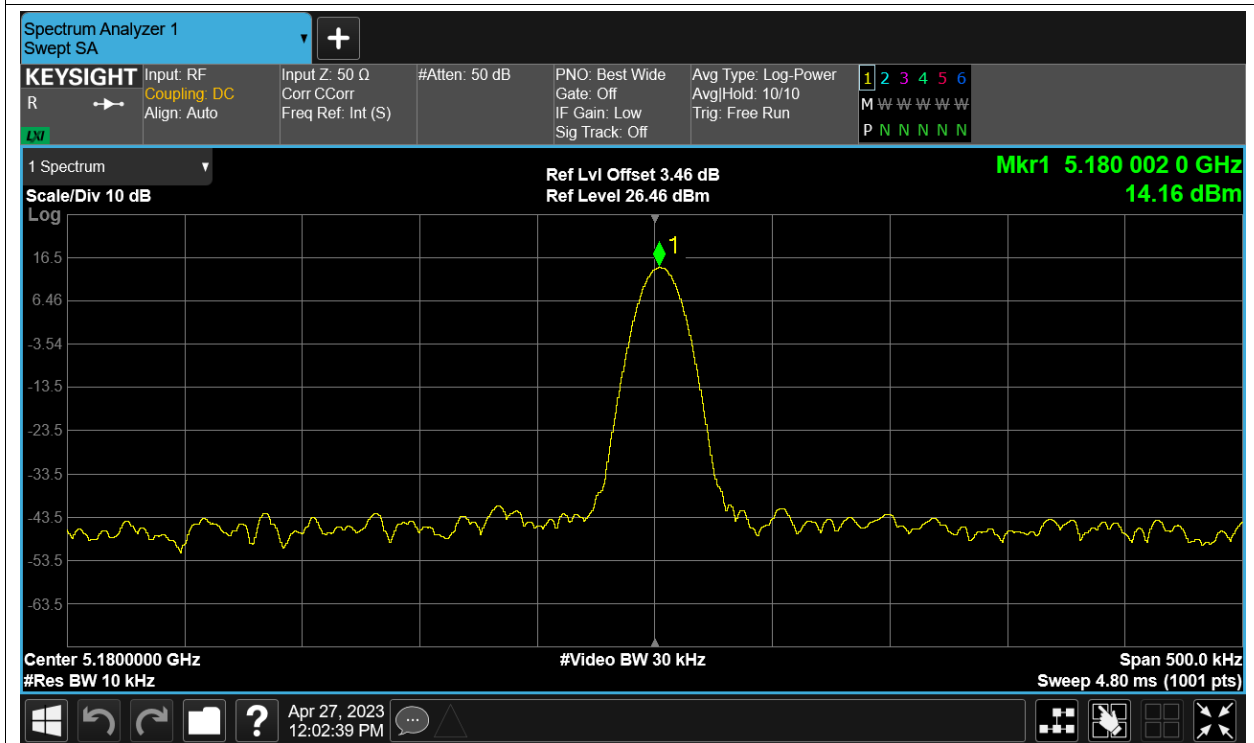
Freq. Stability NVNT ax80 5210MHz Sum



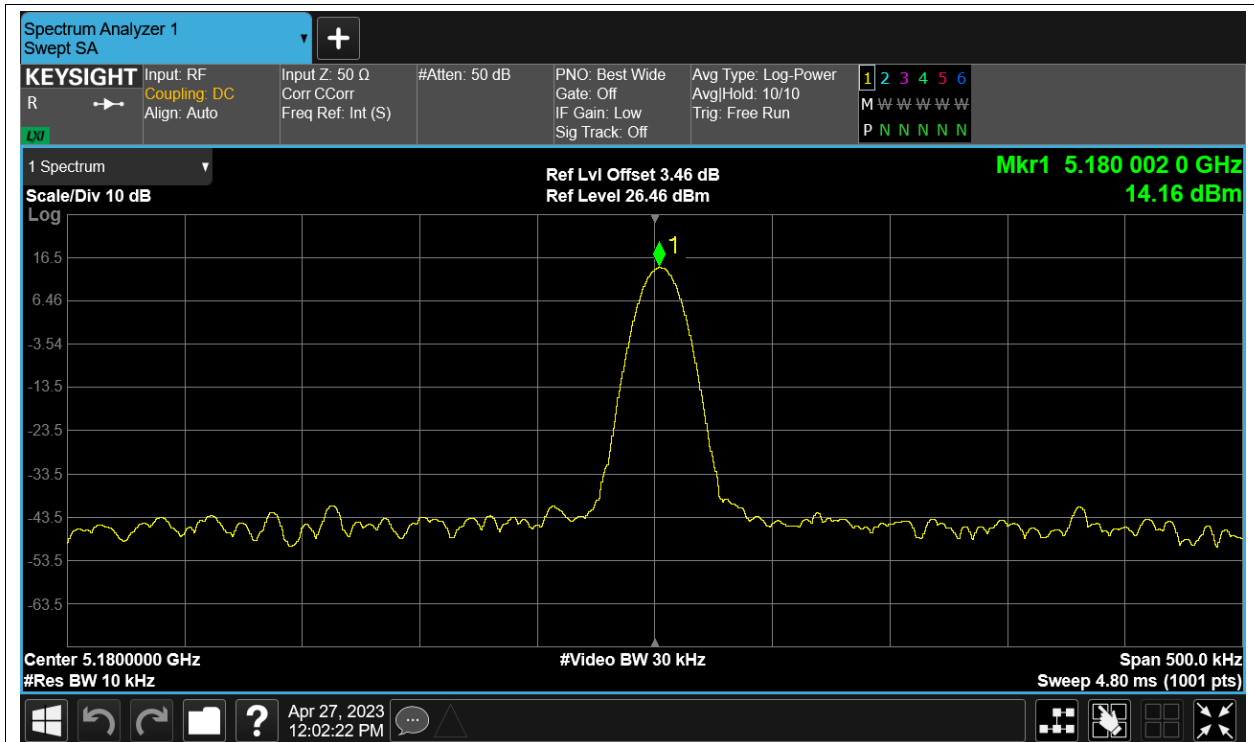
Freq. Stability HVNT n20 5180MHz Sum



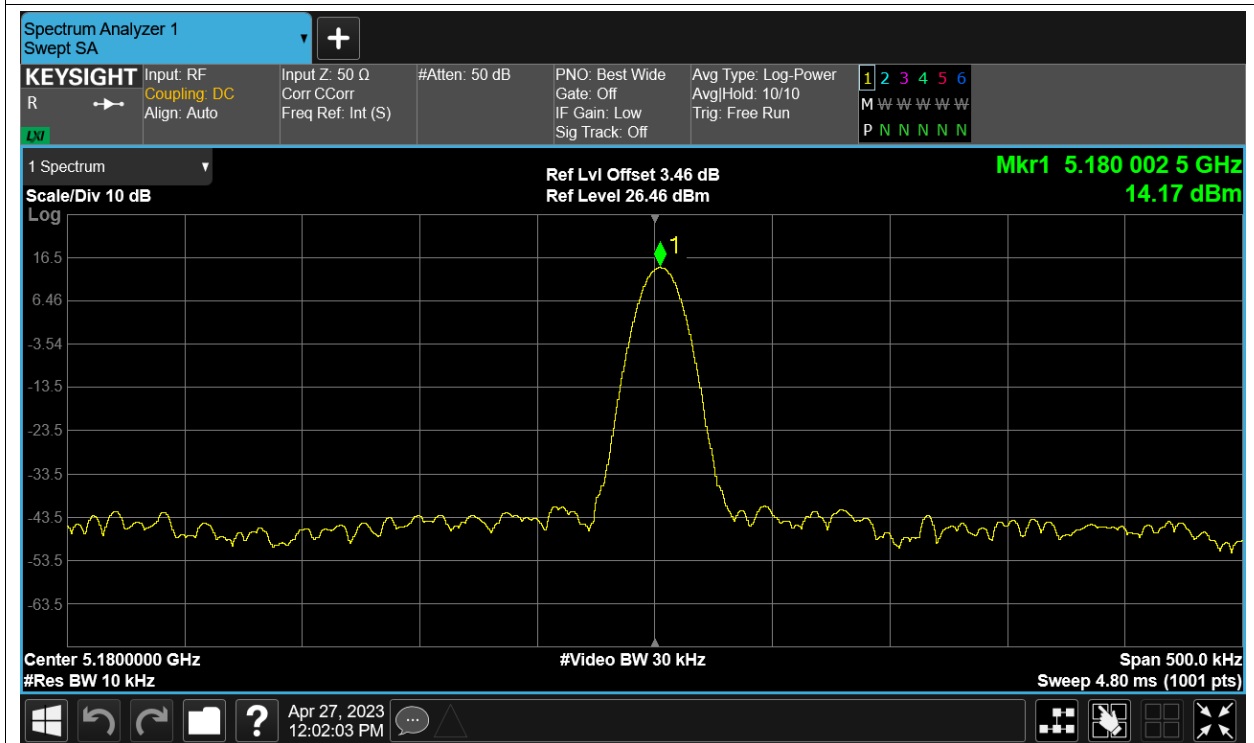
Freq. Stability LVNT n20 5180MHz Sum



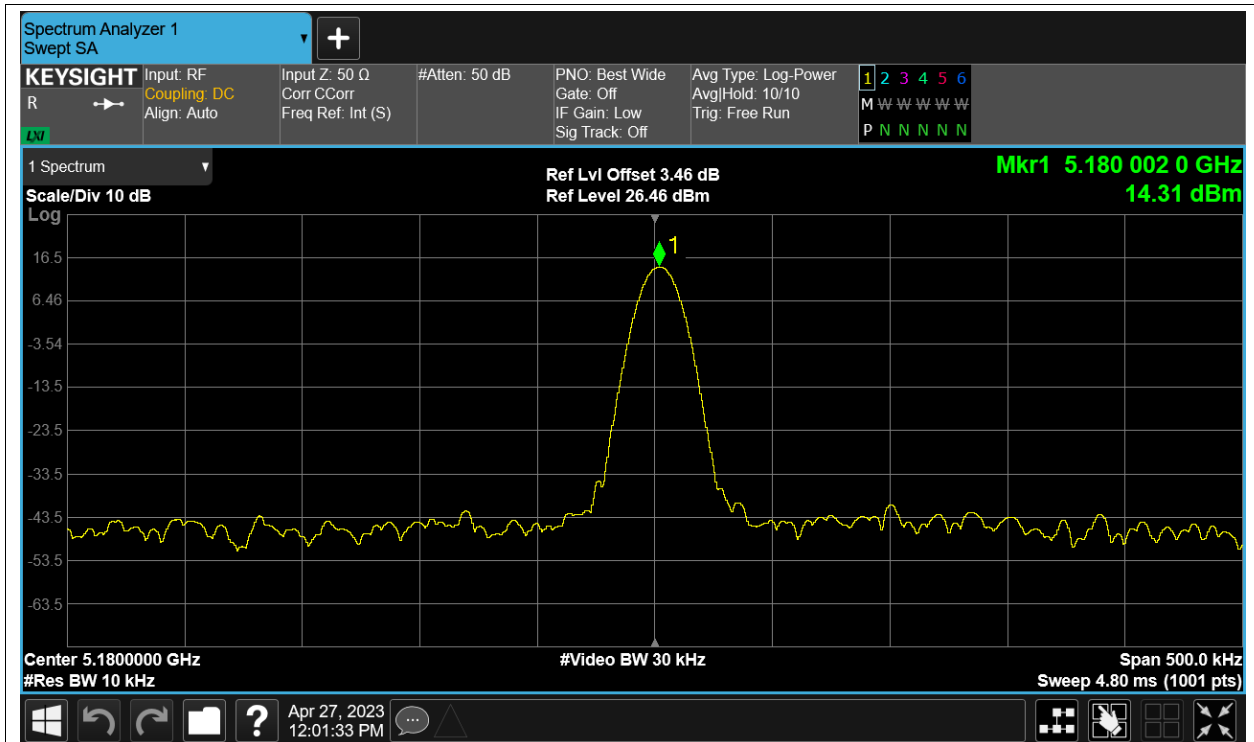
Freq. Stability NVHT n20 5180MHz Sum



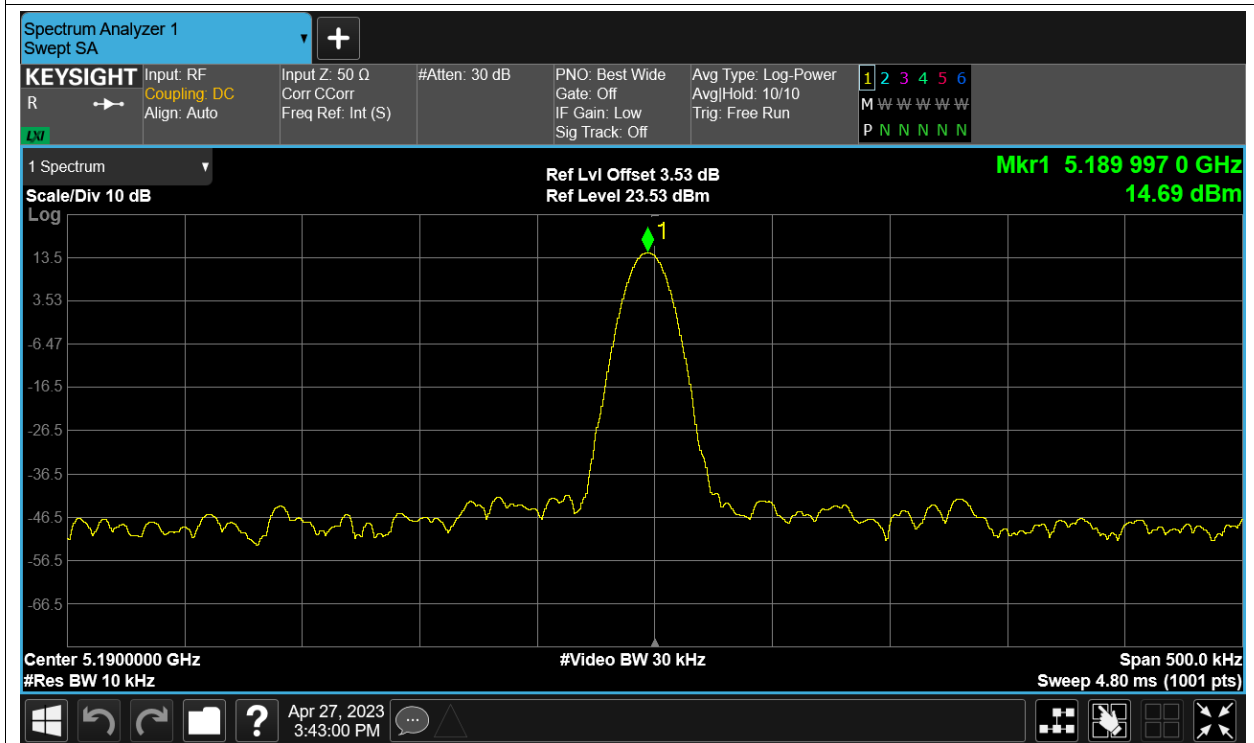
Freq. Stability NVLT n20 5180MHz Sum



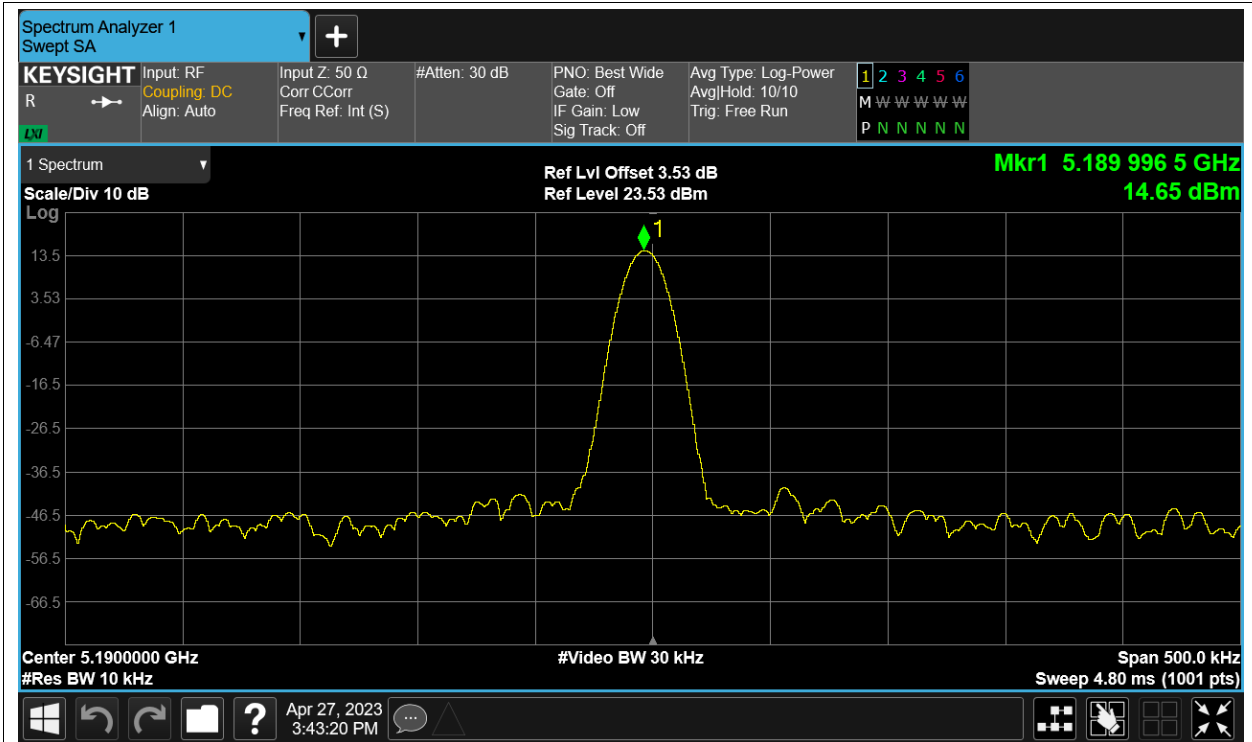
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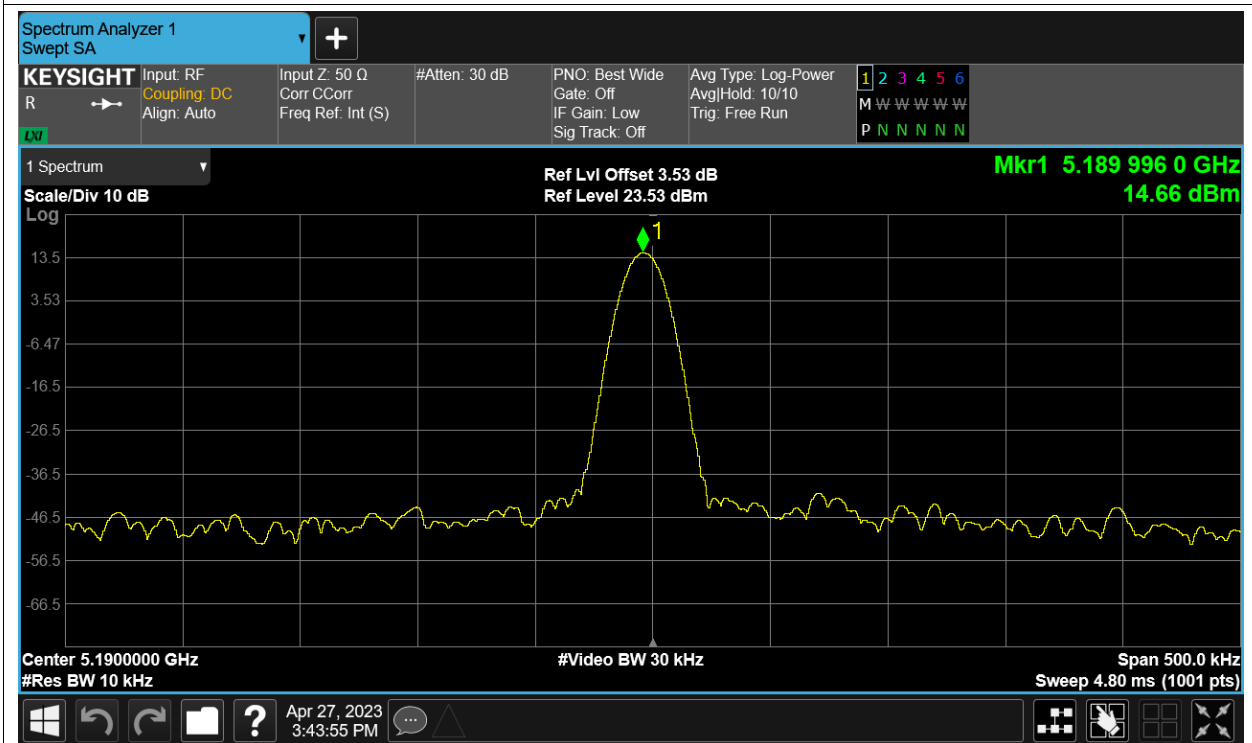
Freq. Stability HVNT n40 5190MHz Sum



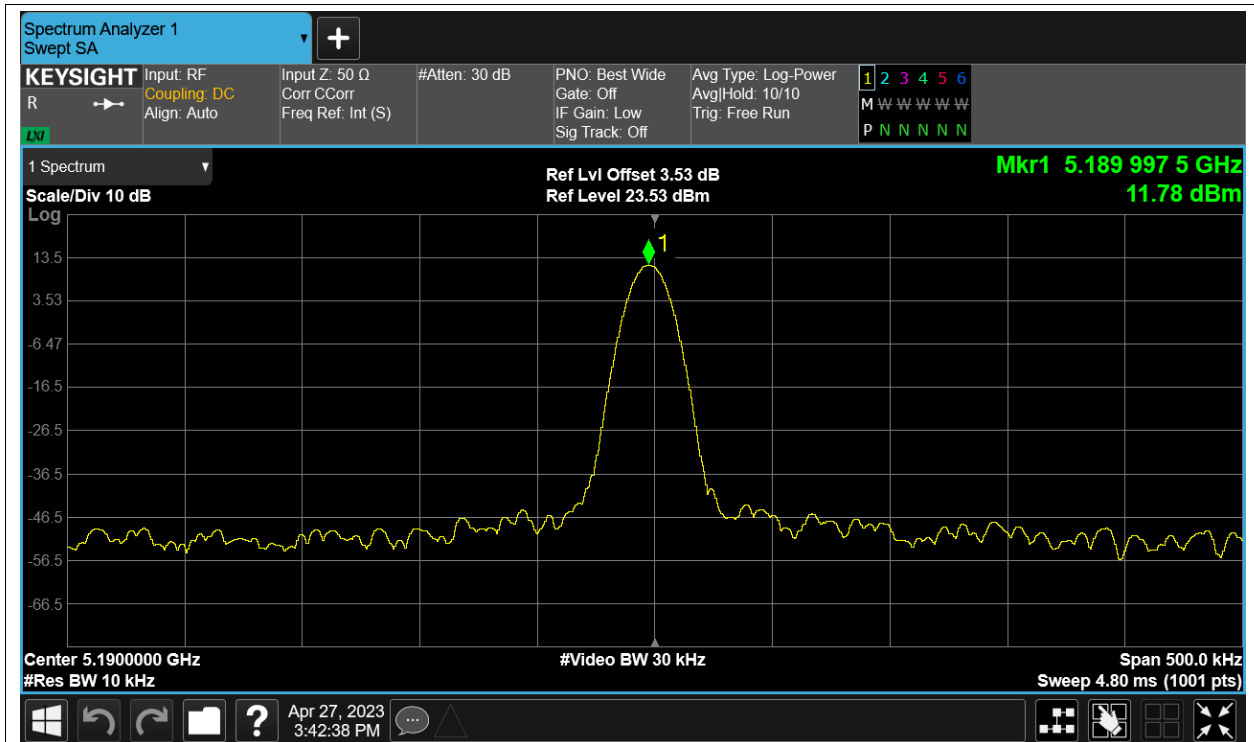
Freq. Stability LVNT n40 5190MHz Sum



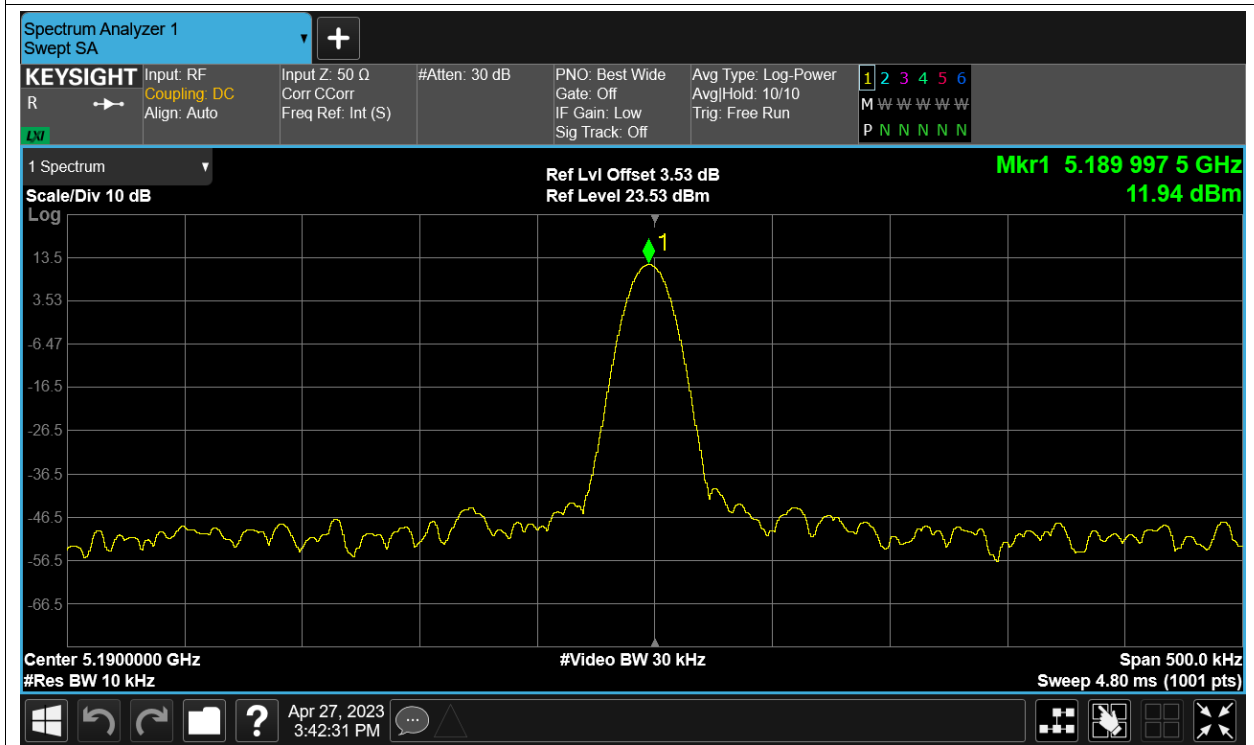
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



Freq. Stability NVNT n40 5190MHz Sum

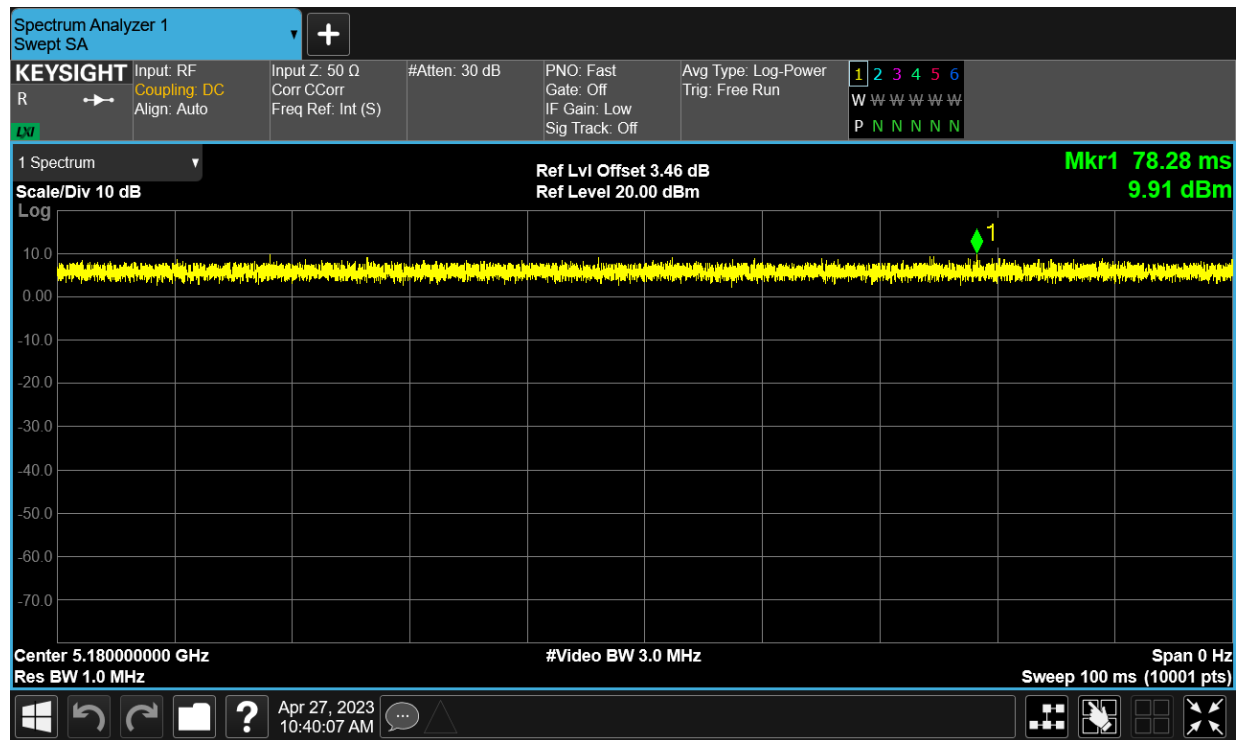


Duty Cycle

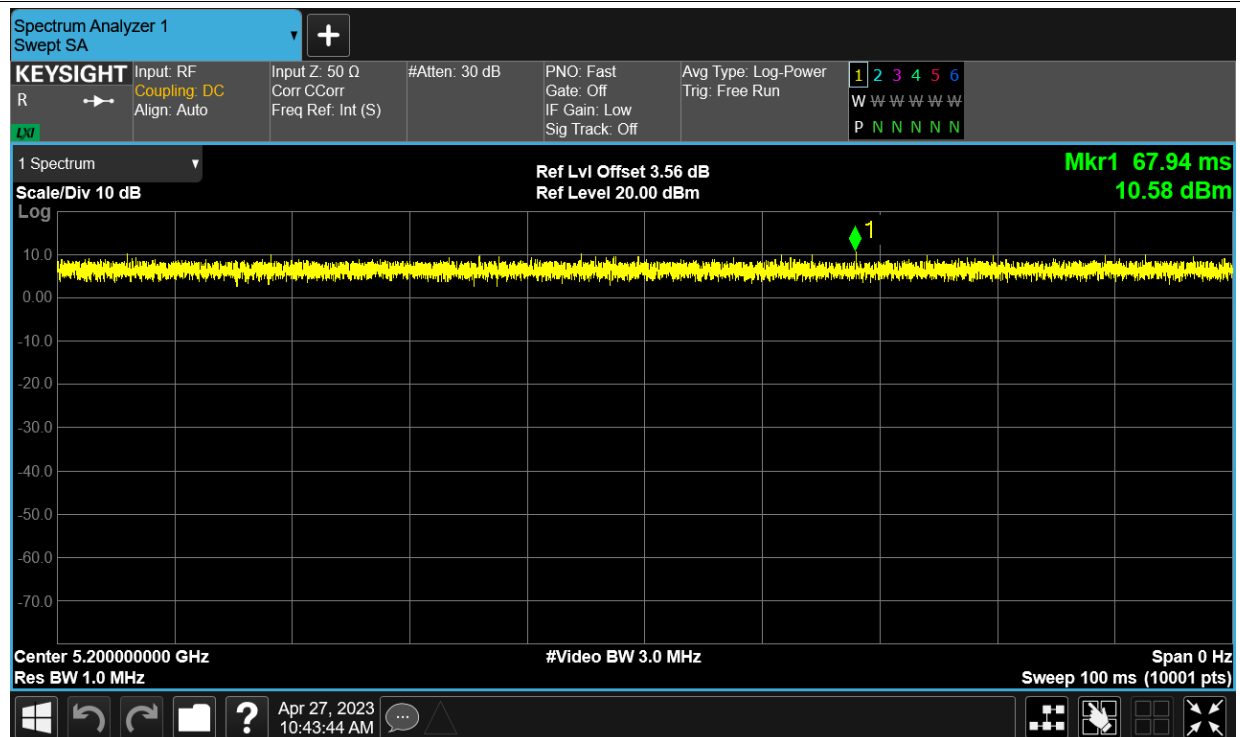
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	a	5180	Ant10	100	0
NVNT	a	5200	Ant10	100	0
NVNT	a	5240	Ant10	100	0
NVNT	ac20	5180	Sum	100	0
NVNT	ac20	5200	Sum	100	0
NVNT	ac20	5240	Sum	100	0
NVNT	ac40	5190	Sum	100	0
NVNT	ac40	5230	Sum	100	0
NVNT	ac80	5210	Sum	100	0
NVNT	ax20	5180	Sum	100	0
NVNT	ax20	5200	Sum	100	0
NVNT	ax20	5240	Sum	100	0
NVNT	ax40	5190	Sum	100	0
NVNT	ax40	5230	Sum	100	0
NVNT	ax80	5210	Sum	100	0
NVNT	n20	5180	Sum	100	0
NVNT	n20	5200	Sum	100	0
NVNT	n20	5240	Sum	100	0
NVNT	n40	5190	Sum	100	0
NVNT	n40	5230	Sum	100	0

Test Graphs

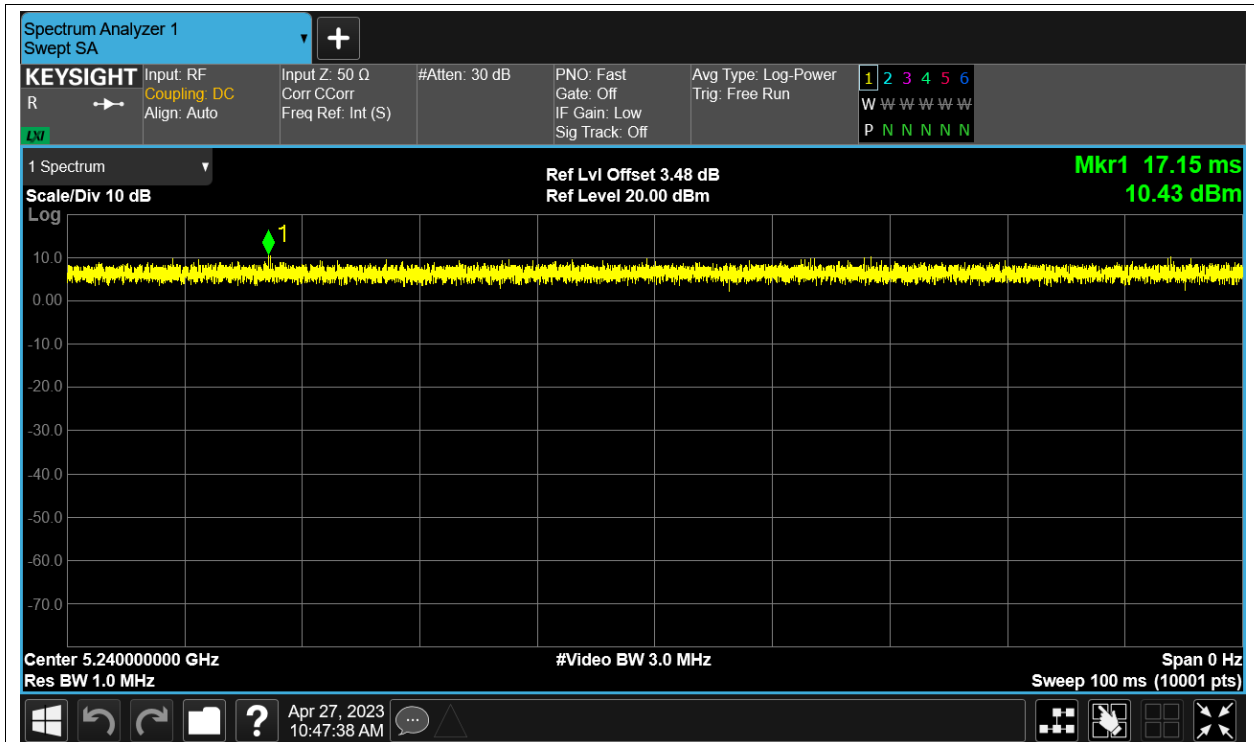
Duty Cycle NVNT a 5180MHz Ant1



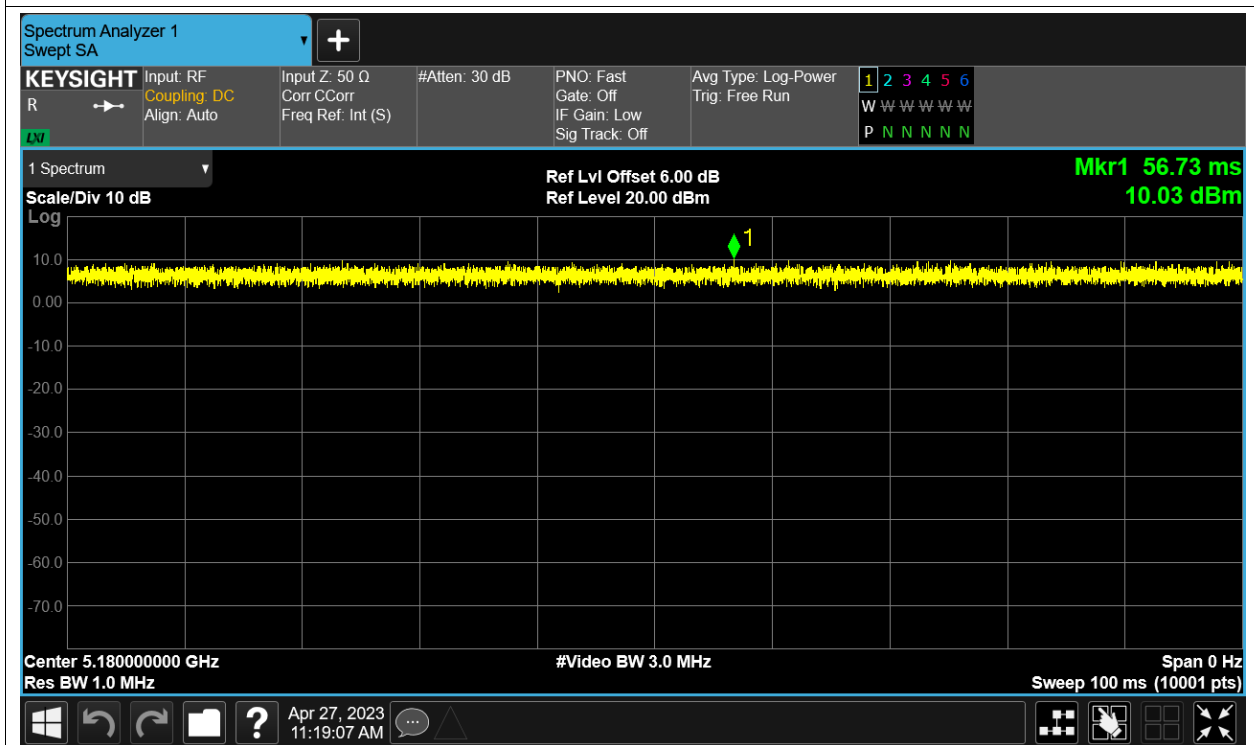
Duty Cycle NVNT a 5200MHz Ant1



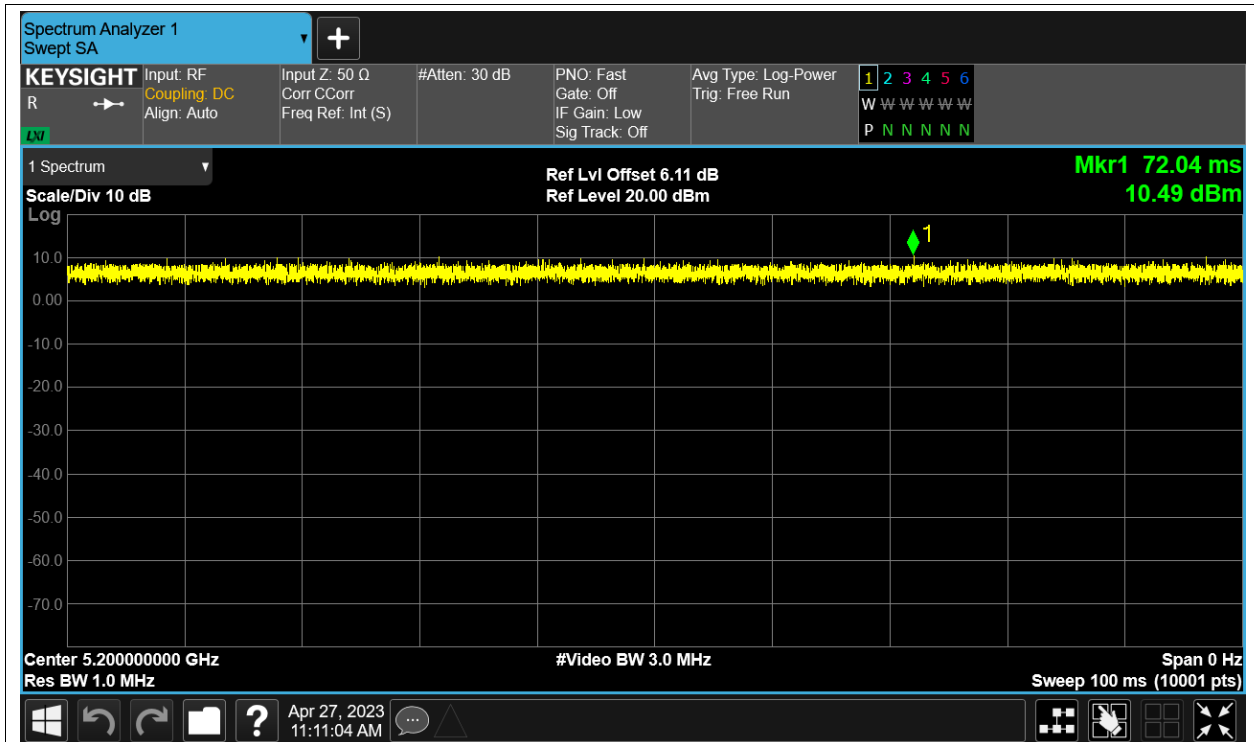
Duty Cycle NVNT a 5240MHz Ant1



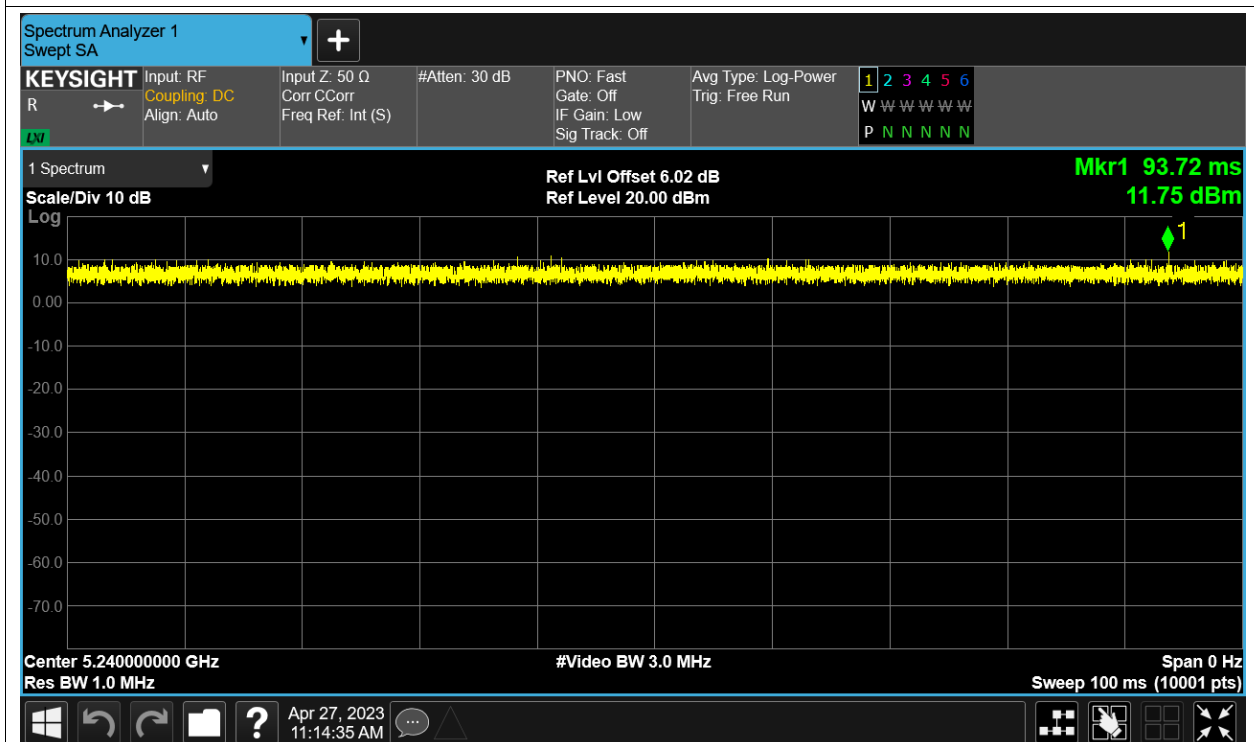
Duty Cycle NVNT a 5180MHz Ant10



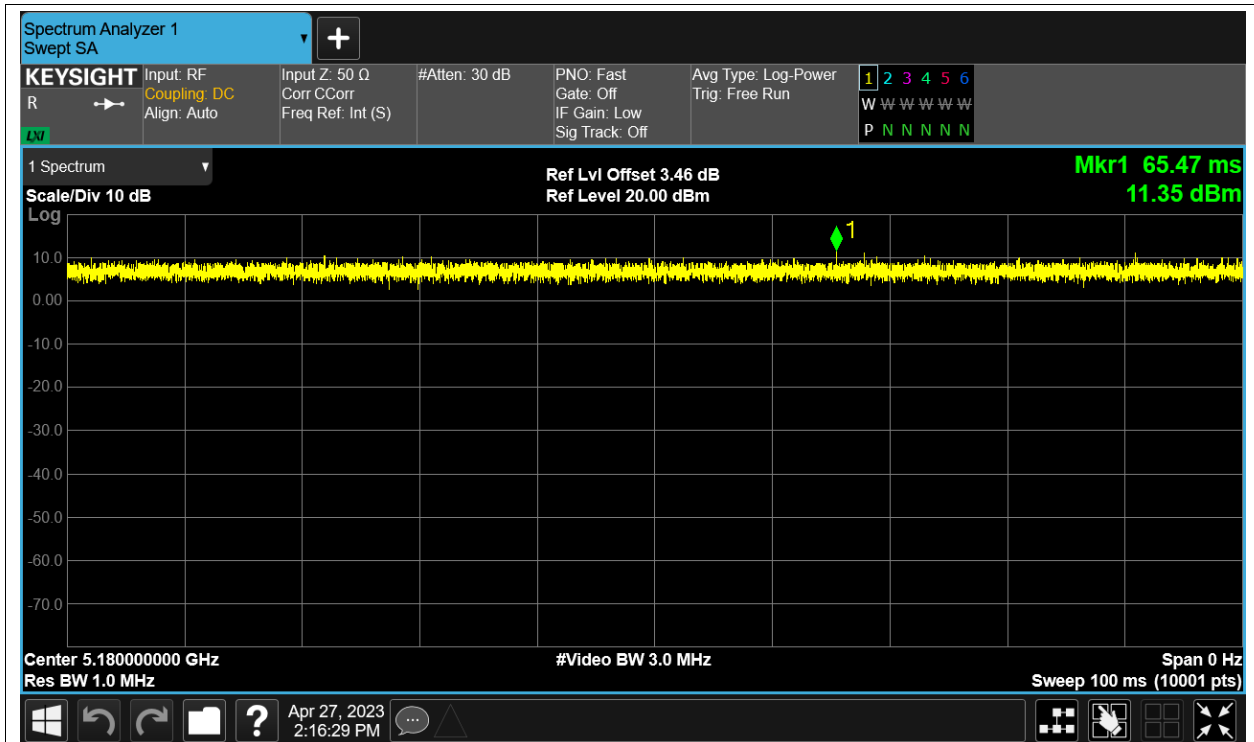
Duty Cycle NVNT a 5200MHz Ant10



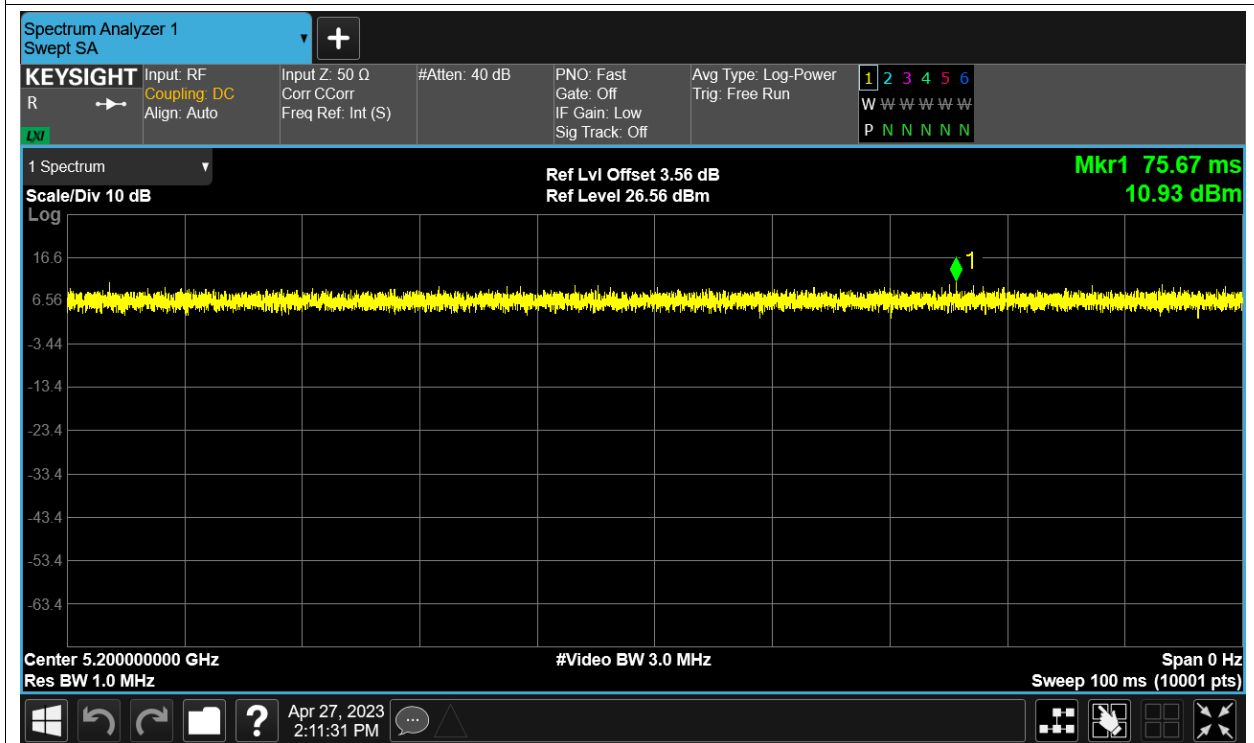
Duty Cycle NVNT a 5240MHz Ant10



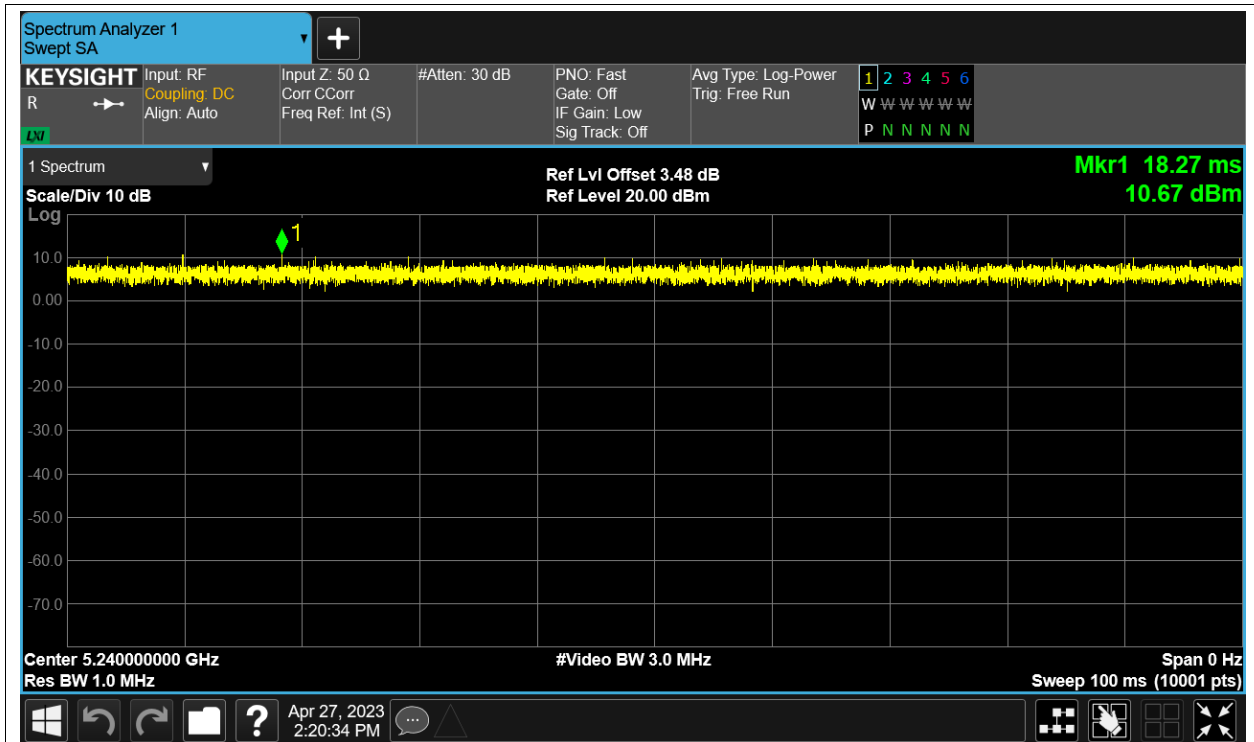
Duty Cycle NVNT ac20 5180MHz Sum



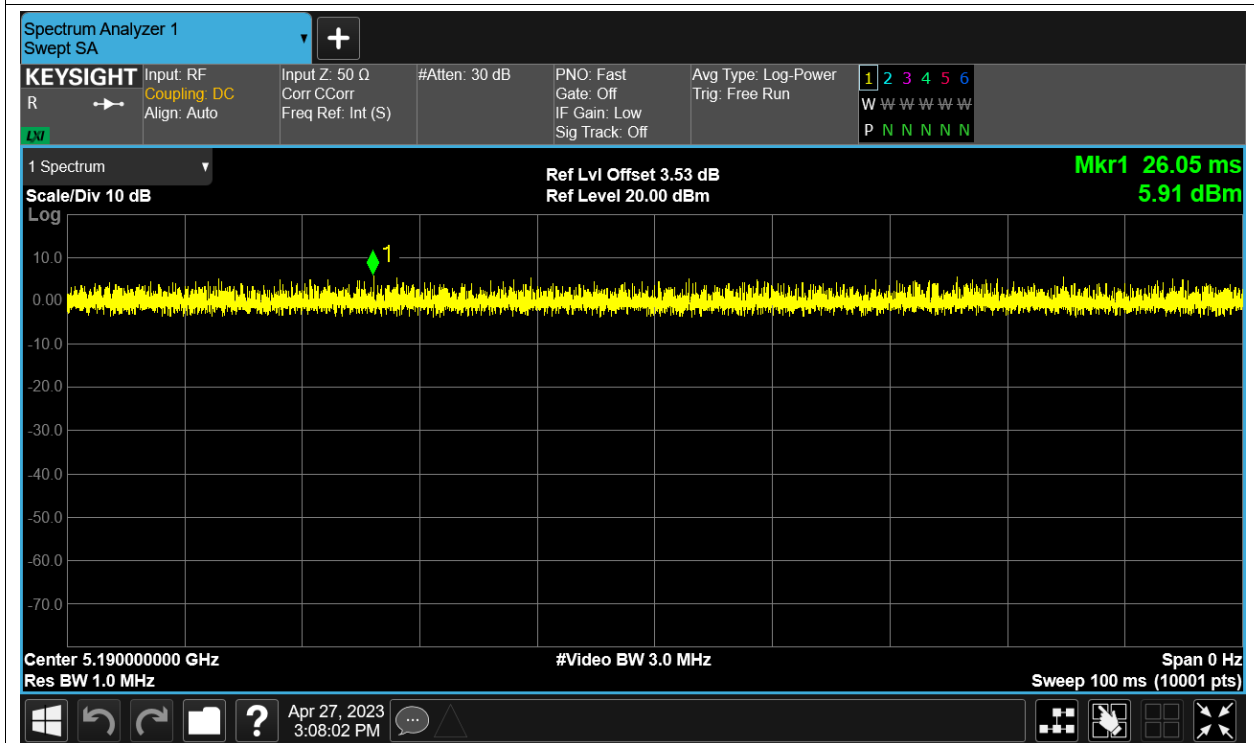
Duty Cycle NVNT ac20 5200MHz Sum



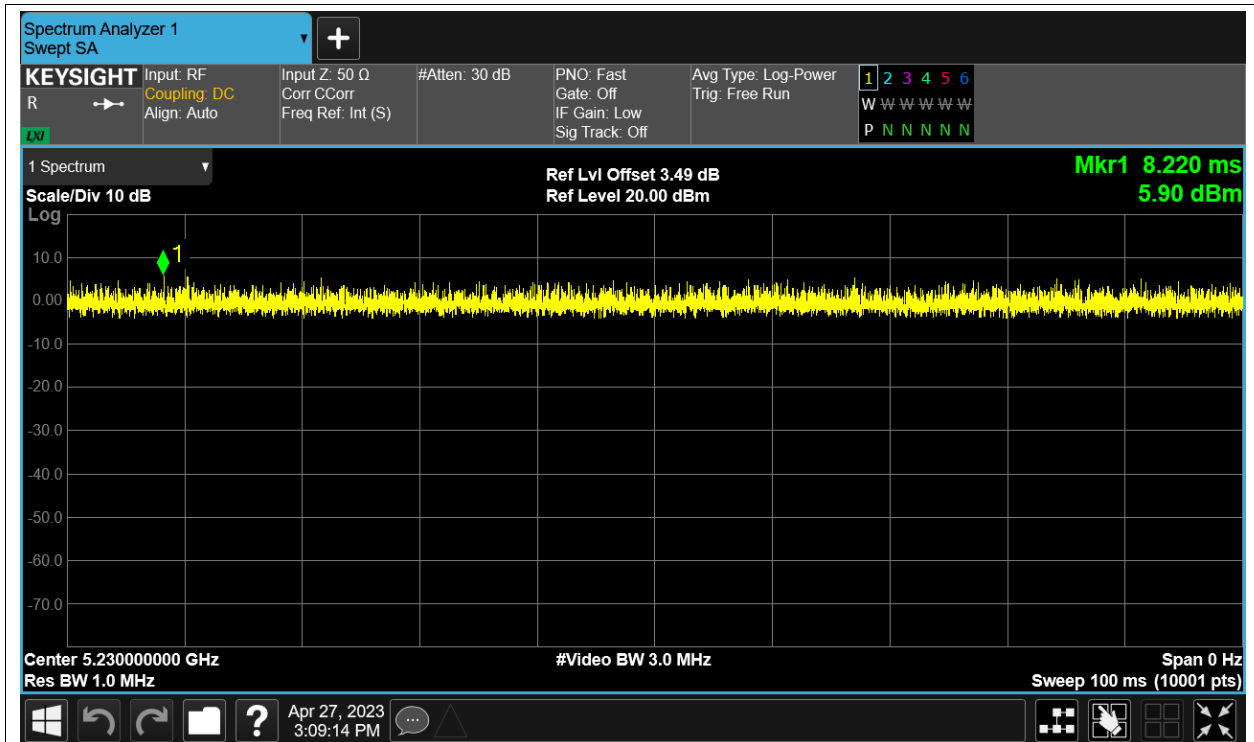
Duty Cycle NVNT ac20 5240MHz Sum



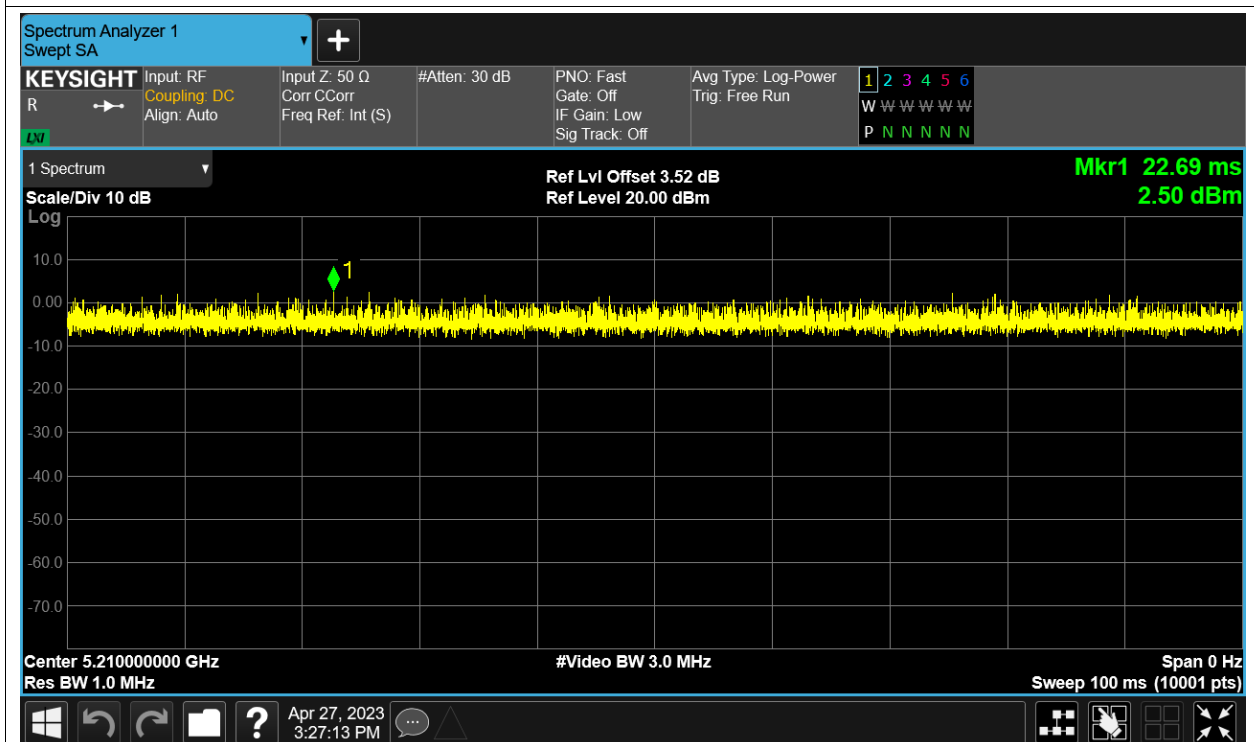
Duty Cycle NVNT ac40 5190MHz Sum



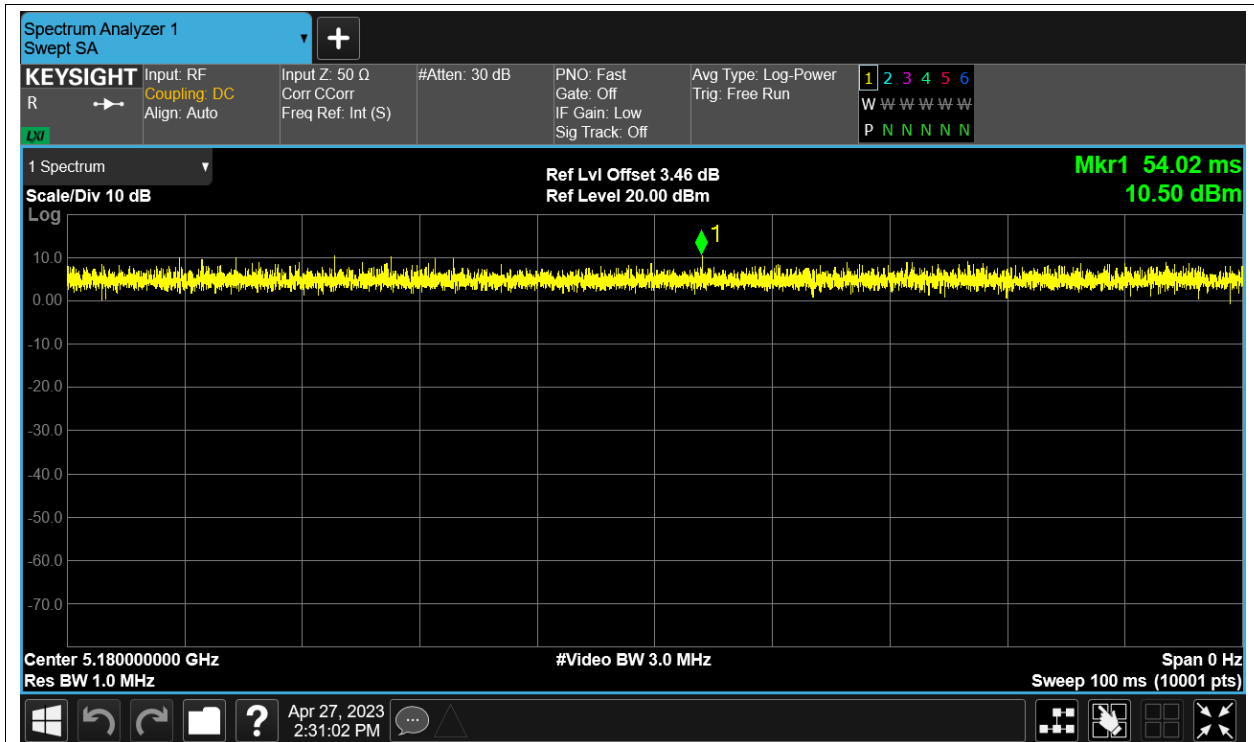
Duty Cycle NVNT ac40 5230MHz Sum



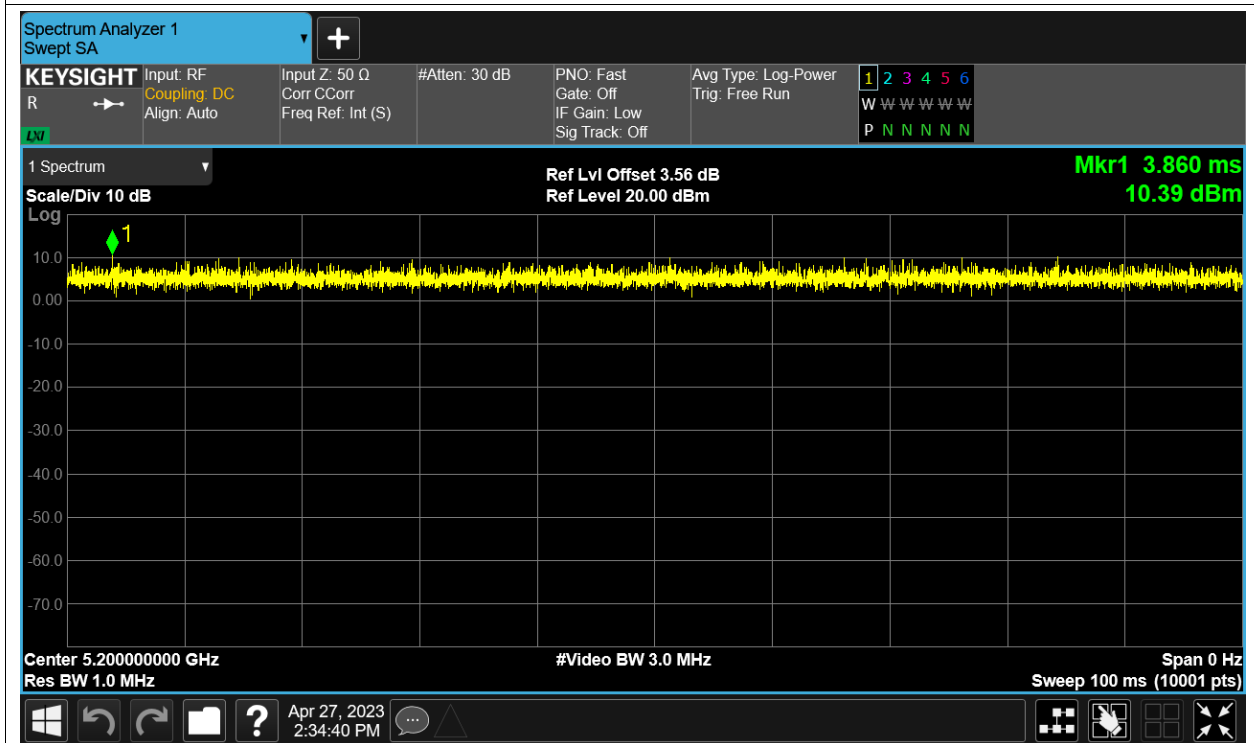
Duty Cycle NVNT ac80 5210MHz Sum



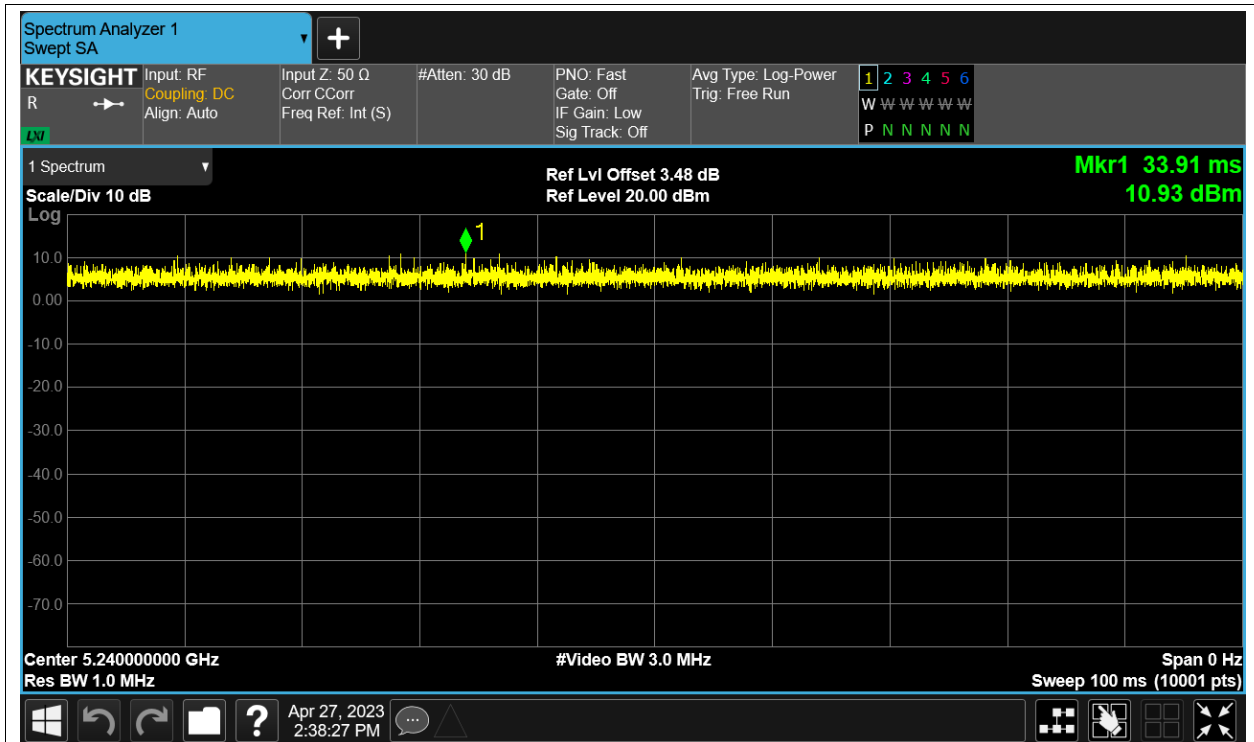
Duty Cycle NVNT ax20 5180MHz Sum



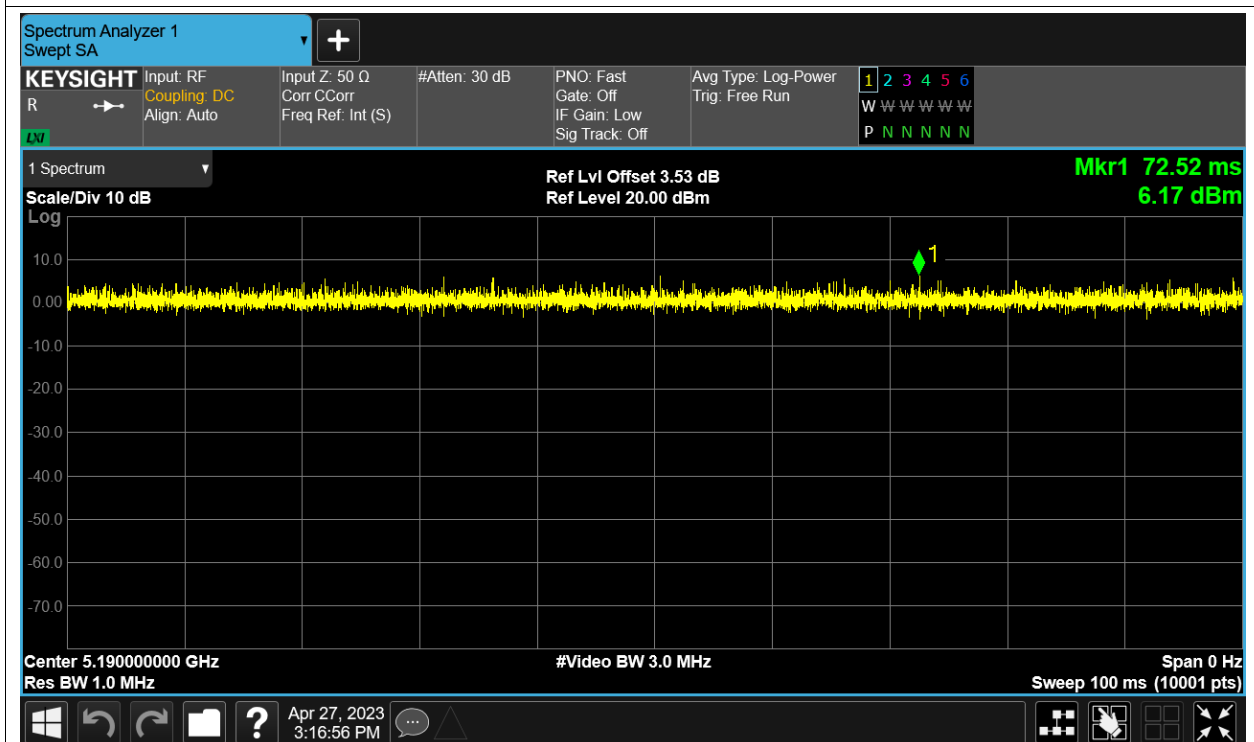
Duty Cycle NVNT ax20 5200MHz Sum



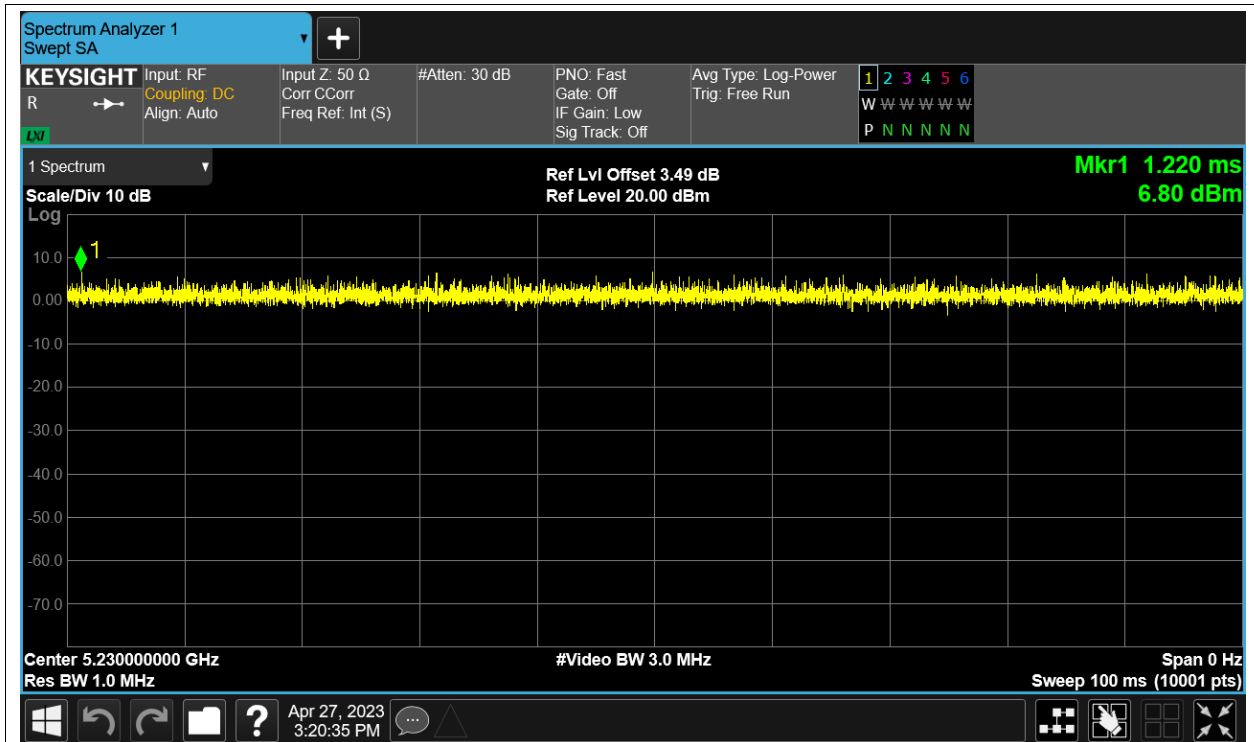
Duty Cycle NVNT ax20 5240MHz Sum



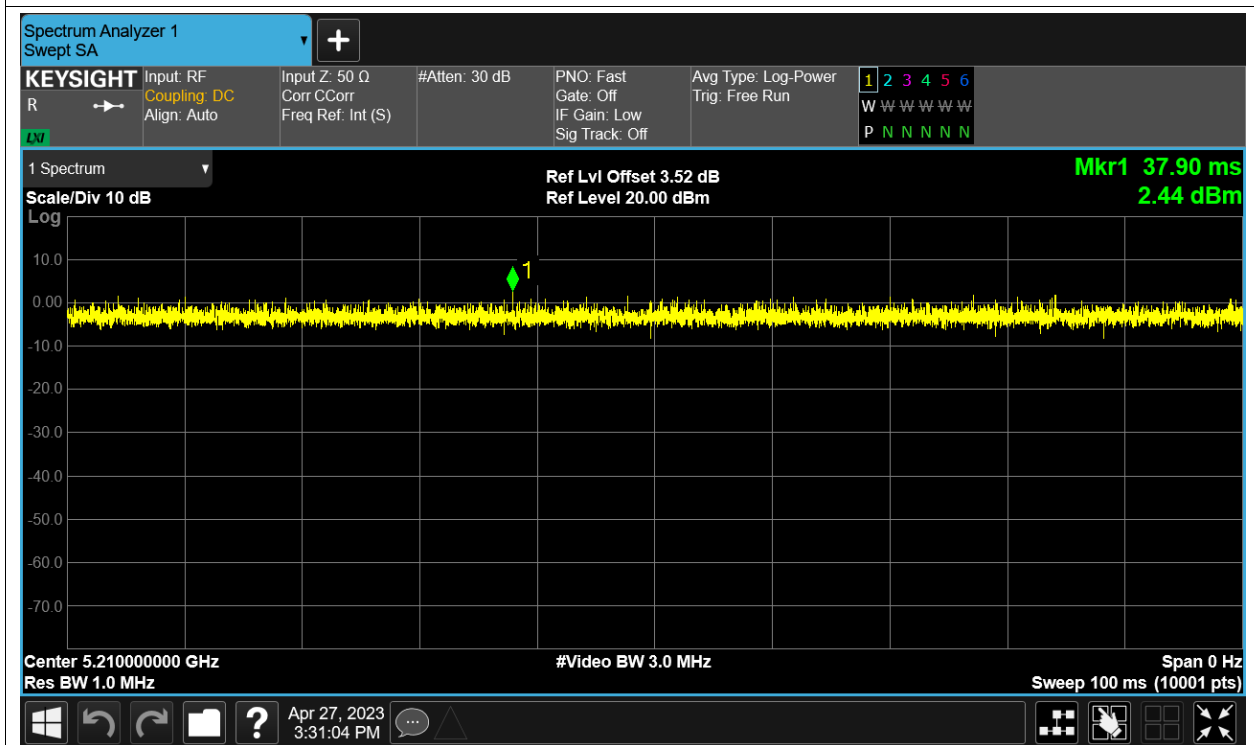
Duty Cycle NVNT ax40 5190MHz Sum



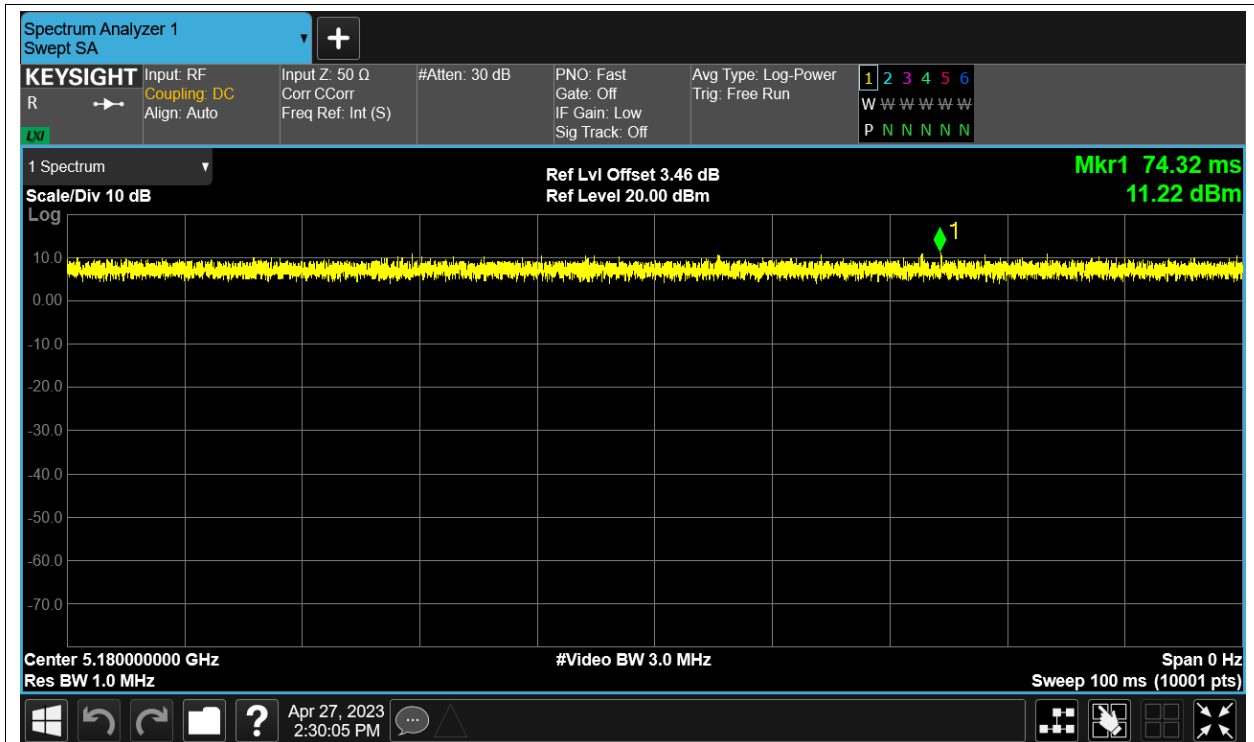
Duty Cycle NVNT ax40 5230MHz Sum



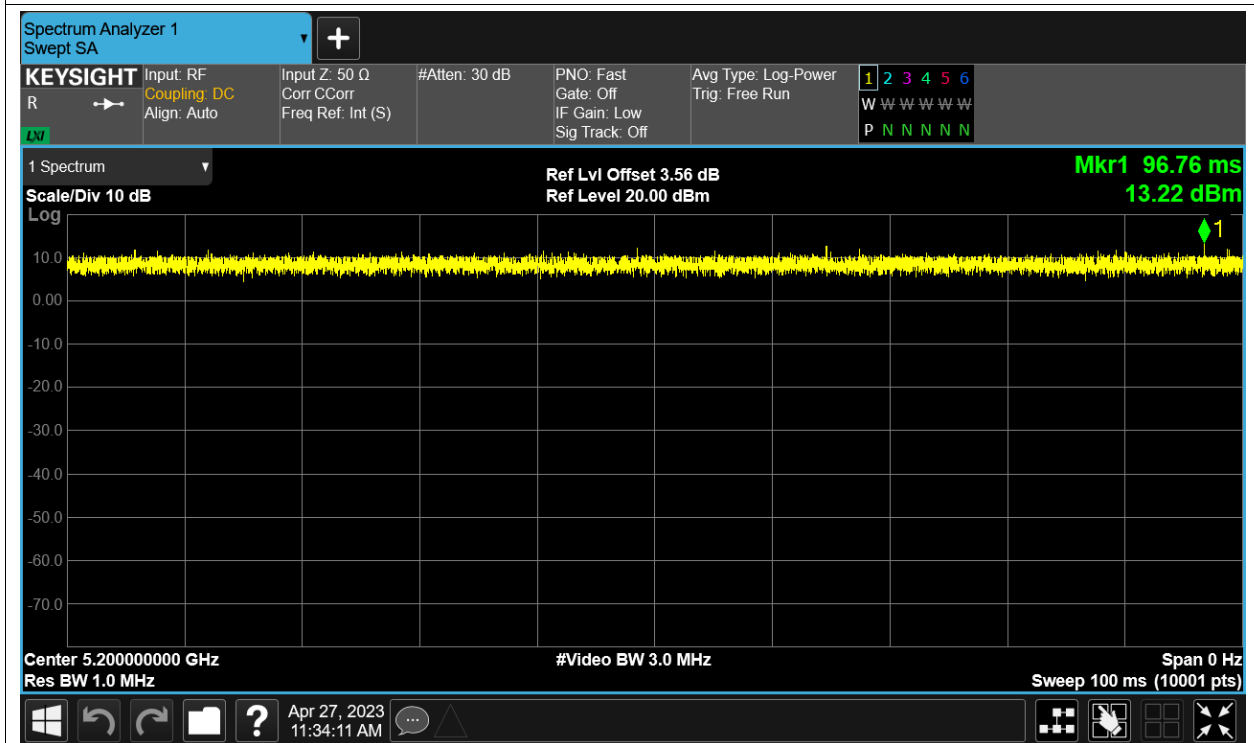
Duty Cycle NVNT ax80 5210MHz Sum



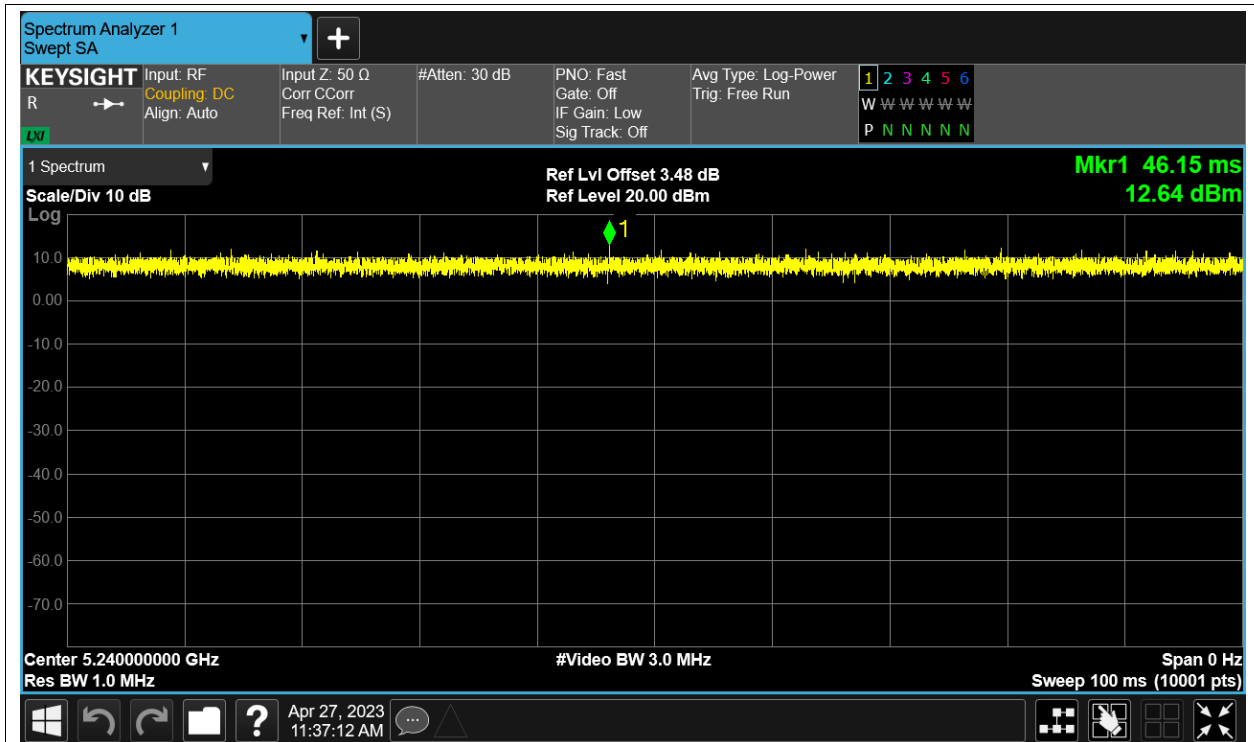
Duty Cycle NVNT n20 5180MHz Sum



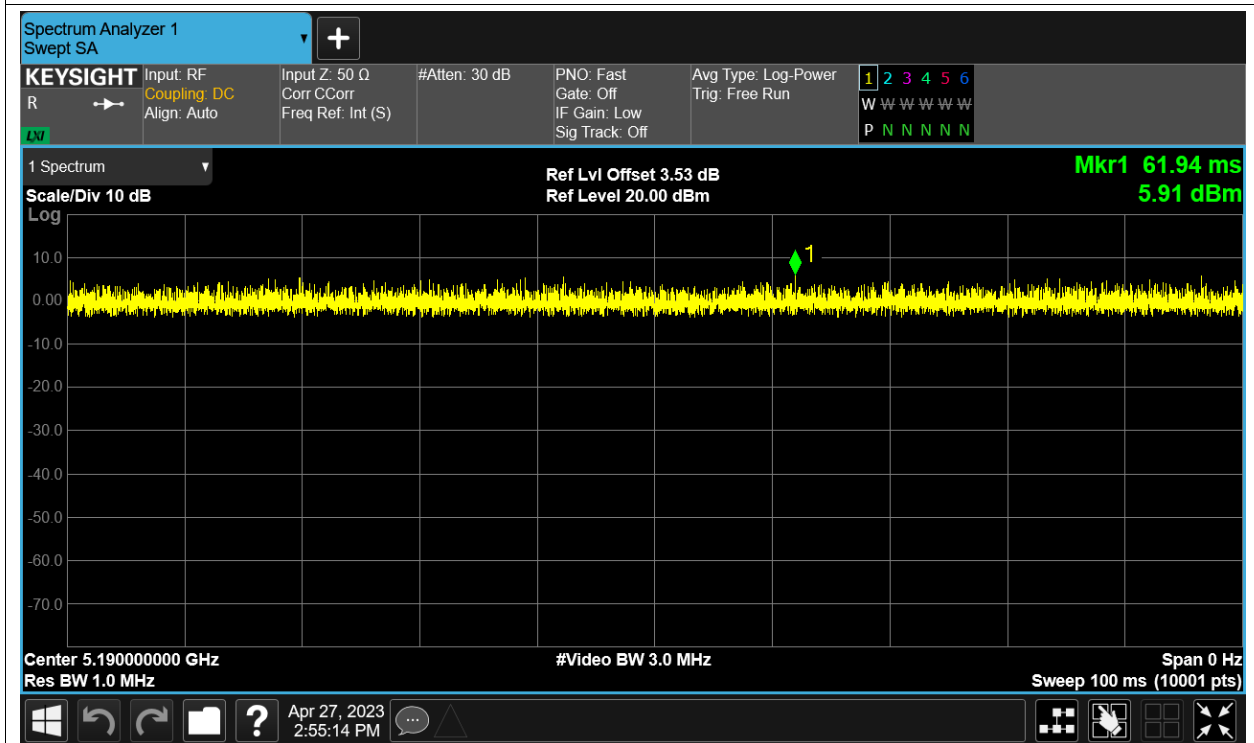
Duty Cycle NVNT n20 5200MHz Sum



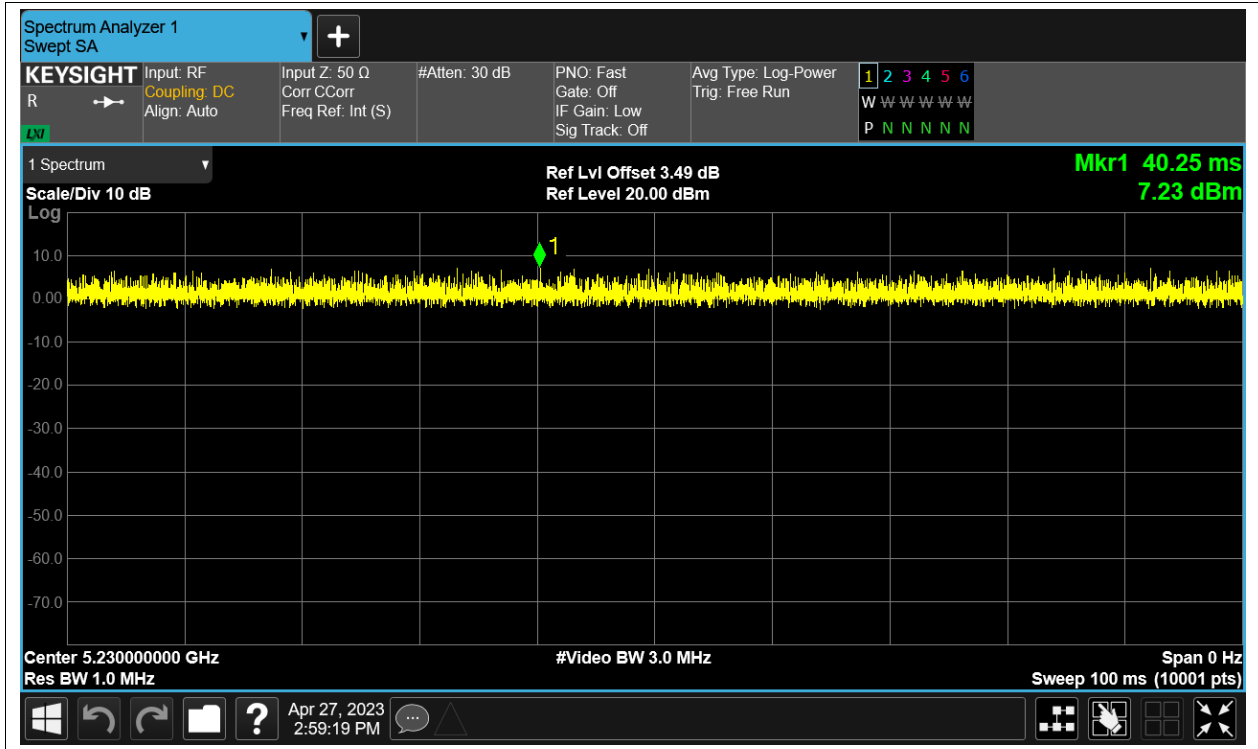
Duty Cycle NVNT n20 5240MHz Sum



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	12.07	0	12.07	24	Pass
NVNT	a	5200	Ant1	12.35	0	12.35	24	Pass
NVNT	a	5240	Ant1	12.69	0	12.69	24	Pass
NVNT	a	5180	Ant10	12.44	0	12.44	24	Pass
NVNT	a	5200	Ant10	12.14	0	12.14	24	Pass
NVNT	a	5240	Ant10	12.43	0	12.43	24	Pass
NVNT	ac20	5180	Ant1	13.35	0	13.35	24	Pass
NVNT	ac20	5180	Ant10	11.95	0	11.95	24	Pass
NVNT	ac20	5180	Sum	15.716	0	15.716	24	Pass
NVNT	ac20	5200	Ant1	12.66	0	12.66	24	Pass
NVNT	ac20	5200	Ant10	11.55	0	11.55	24	Pass
NVNT	ac20	5200	Sum	15.151	0	15.151	24	Pass
NVNT	ac20	5240	Ant1	12.88	0	12.88	24	Pass
NVNT	ac20	5240	Ant10	11.61	0	11.61	24	Pass
NVNT	ac20	5240	Sum	15.302	0	15.302	24	Pass
NVNT	ac40	5190	Ant1	12.77	0	12.77	24	Pass
NVNT	ac40	5190	Ant10	11.89	0	11.89	24	Pass
NVNT	ac40	5190	Sum	15.363	0	15.363	24	Pass
NVNT	ac40	5230	Ant1	12.19	0	12.19	24	Pass
NVNT	ac40	5230	Ant10	11.01	0	11.01	24	Pass
NVNT	ac40	5230	Sum	14.65	0	14.65	24	Pass
NVNT	ac80	5210	Ant1	12.6	0	12.6	24	Pass
NVNT	ac80	5210	Ant10	11.49	0	11.49	24	Pass
NVNT	ac80	5210	Sum	15.091	0	15.091	24	Pass
NVNT	ax20	5180	Ant1	10.96	0	10.96	24	Pass
NVNT	ax20	5180	Ant10	10.04	0	10.04	24	Pass
NVNT	ax20	5180	Sum	13.535	0	13.535	24	Pass
NVNT	ax20	5200	Ant1	11.06	0	11.06	24	Pass
NVNT	ax20	5200	Ant10	10.07	0	10.07	24	Pass
NVNT	ax20	5200	Sum	13.603	0	13.603	24	Pass
NVNT	ax20	5240	Ant1	11.77	0	11.77	24	Pass
NVNT	ax20	5240	Ant10	10.2	0	10.2	24	Pass
NVNT	ax20	5240	Sum	14.066	0	14.066	24	Pass
NVNT	ax40	5190	Ant1	10.34	0	10.34	24	Pass
NVNT	ax40	5190	Ant10	9.61	0	9.61	24	Pass
NVNT	ax40	5190	Sum	13.001	0	13.001	24	Pass
NVNT	ax40	5230	Ant1	10.96	0	10.96	24	Pass
NVNT	ax40	5230	Ant10	9.74	0	9.74	24	Pass
NVNT	ax40	5230	Sum	13.403	0	13.403	24	Pass
NVNT	ax80	5210	Ant1	10.33	0	10.33	24	Pass

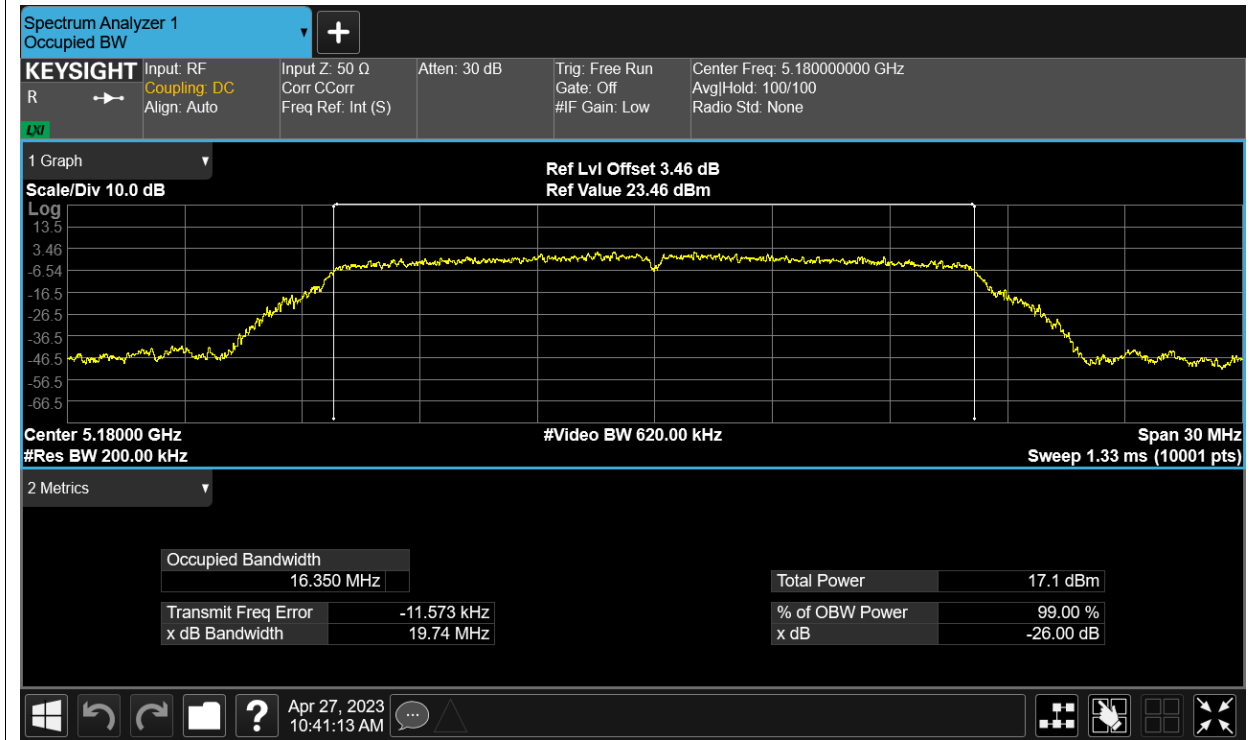
NVNT	ax80	5210	Ant10	9.33	0	9.33	24	Pass
NVNT	ax80	5210	Sum	12.869	0	12.869	24	Pass
NVNT	n20	5180	Ant1	13.81	0	13.81	24	Pass
NVNT	n20	5180	Ant10	12.31	0	12.31	24	Pass
NVNT	n20	5180	Sum	16.135	0	16.135	24	Pass
NVNT	n20	5200	Ant1	14.35	0	14.35	24	Pass
NVNT	n20	5200	Ant10	12.61	0	12.61	24	Pass
NVNT	n20	5200	Sum	16.577	0	16.577	24	Pass
NVNT	n20	5240	Ant1	14.52	0	14.52	24	Pass
NVNT	n20	5240	Ant10	12.86	0	12.86	24	Pass
NVNT	n20	5240	Sum	16.779	0	16.779	24	Pass
NVNT	n40	5190	Ant1	13.44	0	13.44	24	Pass
NVNT	n40	5190	Ant10	12.47	0	12.47	24	Pass
NVNT	n40	5190	Sum	15.992	0	15.992	24	Pass
NVNT	n40	5230	Ant1	14.17	0	14.17	24	Pass
NVNT	n40	5230	Ant10	12.89	0	12.89	24	Pass
NVNT	n40	5230	Sum	16.587	0	16.587	24	Pass

Occupied Channel Bandwidth

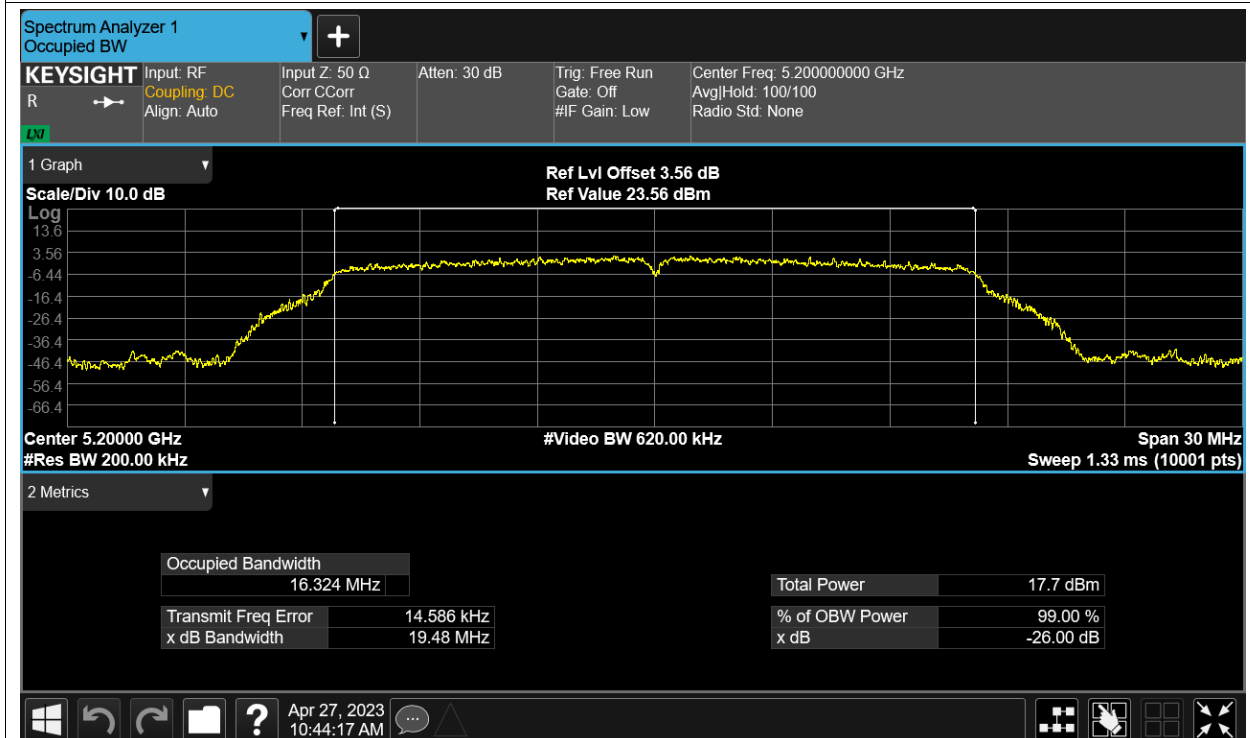
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.35
NVNT	a	5200	Ant1	16.324
NVNT	a	5240	Ant1	16.326
NVNT	a	5180	Ant10	16.338
NVNT	a	5200	Ant10	16.312
NVNT	a	5240	Ant10	16.317
NVNT	ac20	5180	Ant1	17.492
NVNT	ac20	5180	Ant10	17.51
NVNT	ac20	5200	Ant1	17.5
NVNT	ac20	5200	Ant10	17.496
NVNT	ac20	5240	Ant1	17.497
NVNT	ac20	5240	Ant10	17.518
NVNT	ac40	5190	Ant1	35.883
NVNT	ac40	5190	Ant10	35.97
NVNT	ac40	5230	Ant1	35.859
NVNT	ac40	5230	Ant10	35.862
NVNT	ac80	5210	Ant1	75.285
NVNT	ac80	5210	Ant10	75.277
NVNT	ax20	5180	Ant1	18.734
NVNT	ax20	5180	Ant10	18.747
NVNT	ax20	5200	Ant1	18.745
NVNT	ax20	5200	Ant10	18.806
NVNT	ax20	5240	Ant1	18.781
NVNT	ax20	5240	Ant10	18.792
NVNT	ax40	5190	Ant1	37.546
NVNT	ax40	5190	Ant10	37.545
NVNT	ax40	5230	Ant1	37.5
NVNT	ax40	5230	Ant10	37.495
NVNT	ax80	5210	Ant1	76.996
NVNT	ax80	5210	Ant10	76.967
NVNT	n20	5180	Ant1	17.527
NVNT	n20	5180	Ant10	17.567
NVNT	n20	5200	Ant1	17.493
NVNT	n20	5200	Ant10	17.482
NVNT	n20	5240	Ant1	17.532
NVNT	n20	5240	Ant10	17.482
NVNT	n40	5190	Ant1	35.949
NVNT	n40	5190	Ant10	35.854
NVNT	n40	5230	Ant1	35.933
NVNT	n40	5230	Ant10	35.998

Test Graphs

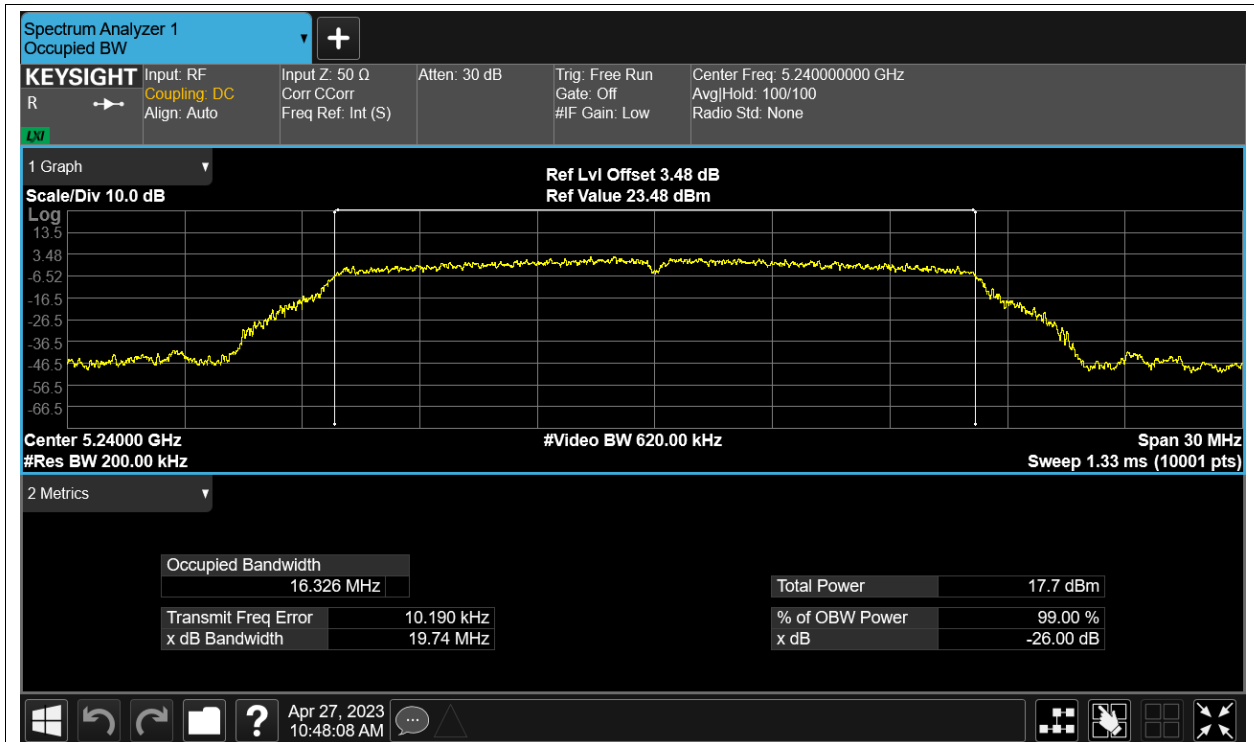
OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



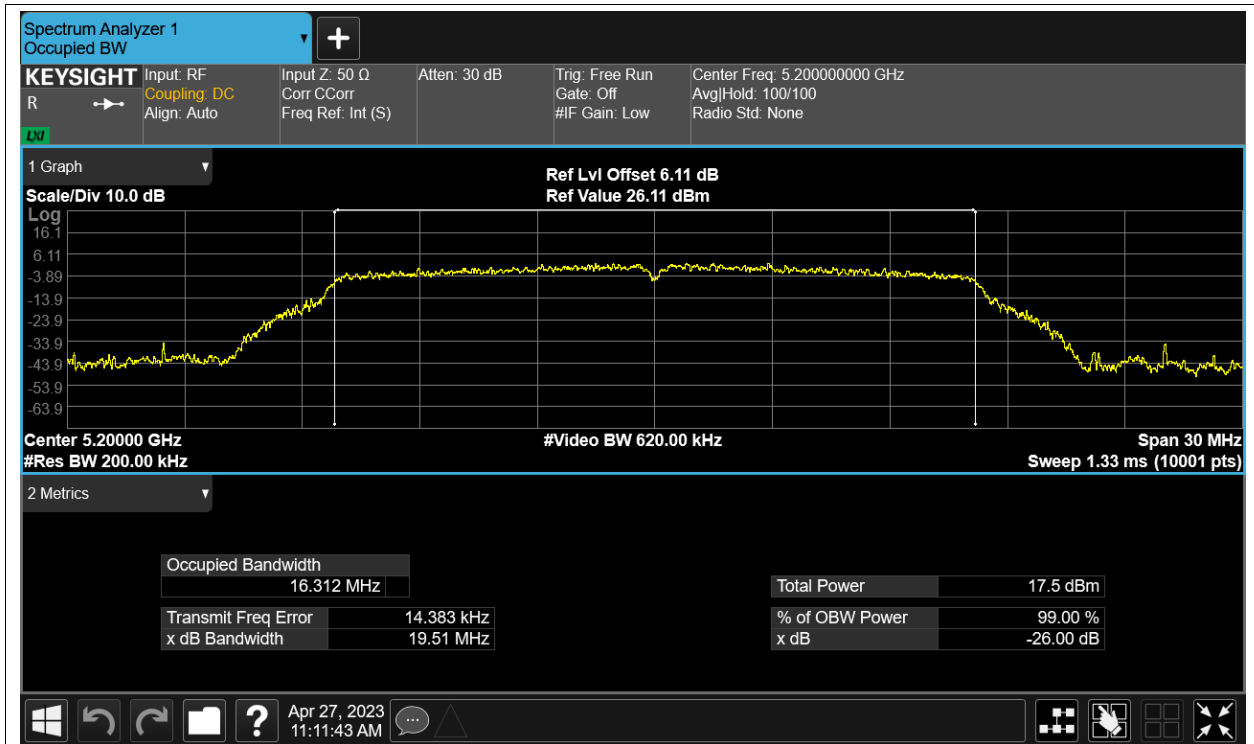
OBW NVNT a 5240MHz Ant1



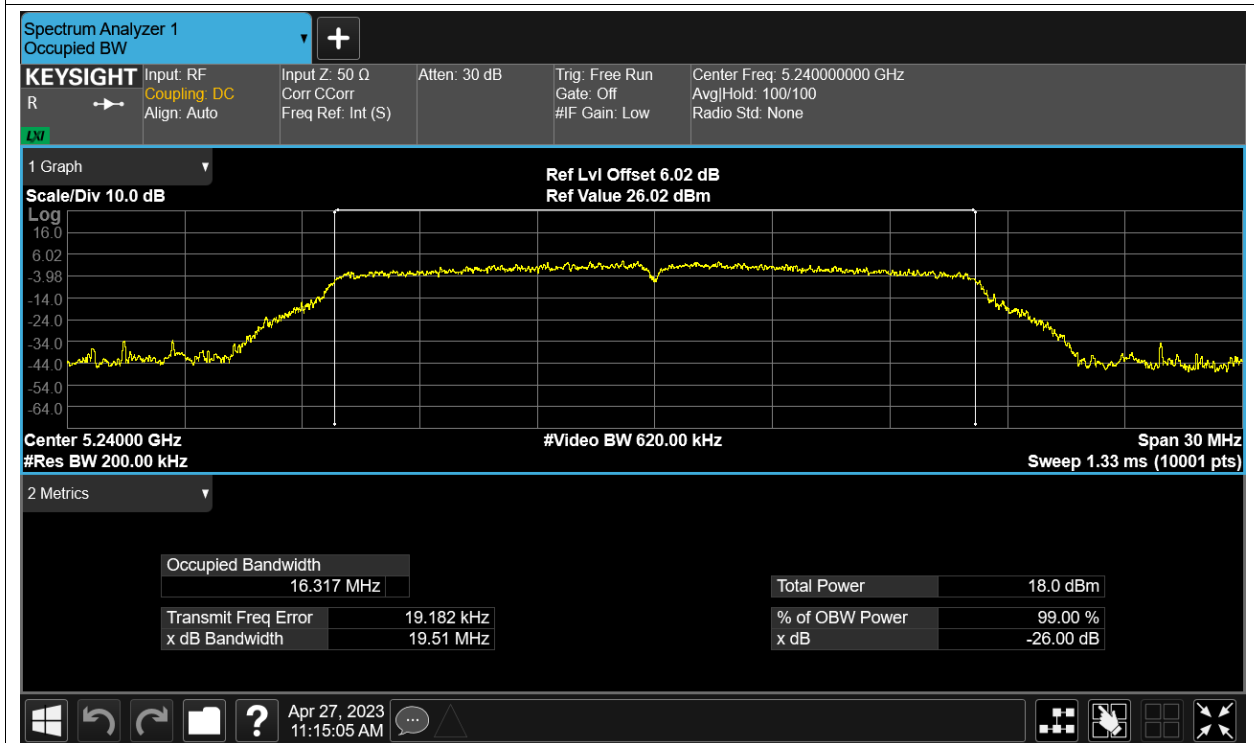
OBW NVNT a 5180MHz Ant10



OBW NVNT a 5200MHz Ant10



OBW NVNT a 5240MHz Ant10



OBW NVNT ac20 5180MHz Ant1