

Test Data

Frequency Stability

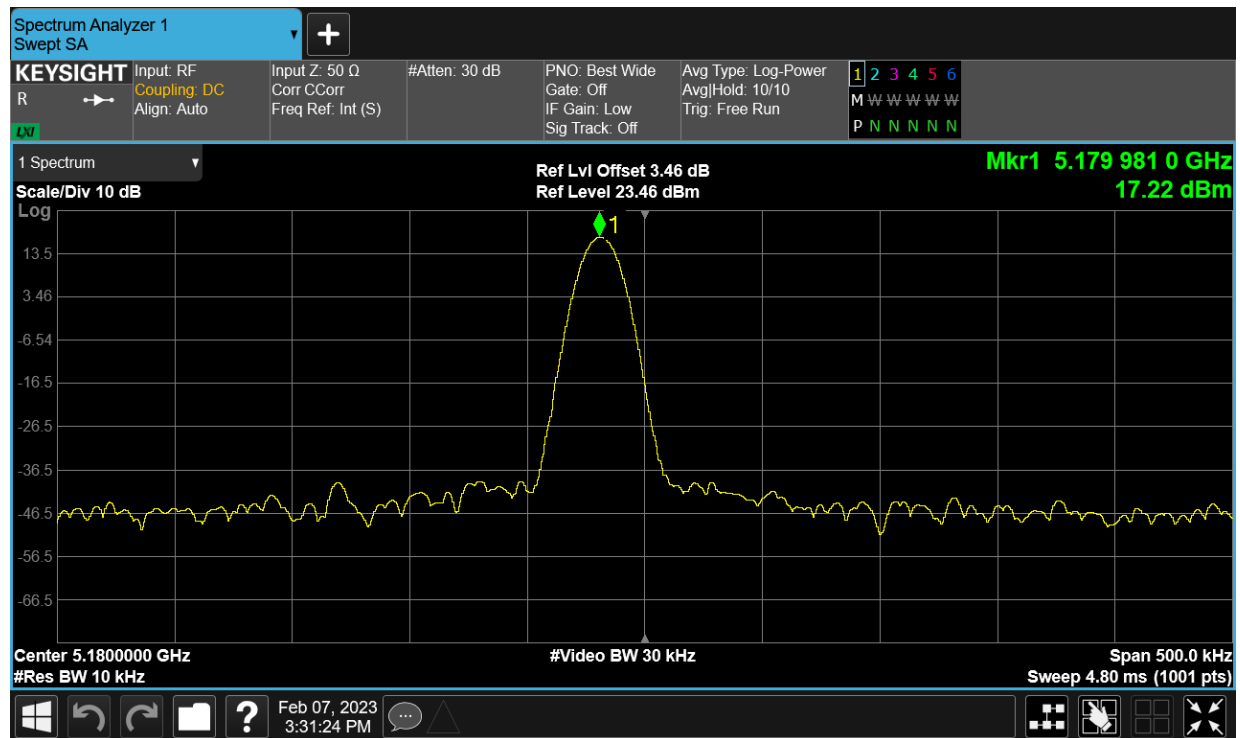
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant2	5179.981	-3.67	Within authorized band	Pass
HVNT	a	5180	Ant4	5179.977	-4.44		Pass
LVNT	a	5180	Ant2	5179.9815	-3.57		Pass
LVNT	a	5180	Ant4	5179.9765	-4.54		Pass
NVHT	a	5180	Ant2	5179.982	-3.47		Pass
NVHT	a	5180	Ant4	5179.978	-4.25		Pass
NVLT	a	5180	Ant2	5179.9825	-3.38		Pass
NVLT	a	5180	Ant4	5179.9785	-4.15		Pass
NVNT	a	5180	Ant2	5179.983	-3.28		Pass
NVNT	a	5180	Ant4	5179.979	-4.05		Pass
HVNT	ac20	5180	Sum	5179.9745	-4.92		Pass
LVNT	ac20	5180	Sum	5179.9755	-4.73		Pass
NVHT	ac20	5180	Sum	5179.9745	-4.92		Pass
NVLT	ac20	5180	Sum	5179.975	-4.83		Pass
NVNT	ac20	5180	Sum	5179.976	-4.63		Pass
HVNT	ac40	5190	Sum	5189.9765	-4.53		Pass
LVNT	ac40	5190	Sum	5189.9775	-4.34		Pass
NVHT	ac40	5190	Sum	5189.9765	-4.53		Pass
NVLT	ac40	5190	Sum	5189.978	-4.24		Pass
NVNT	ac40	5190	Sum	5189.978	-4.24		Pass
HVNT	ac80	5210	Sum	5209.98	-3.84		Pass
LVNT	ac80	5210	Sum	5209.981	-3.65		Pass
NVHT	ac80	5210	Sum	5209.979	-4.03		Pass
NVLT	ac80	5210	Sum	5209.9825	-3.36		Pass
NVNT	ac80	5210	Sum	5209.9845	-2.98		Pass
HVNT	ax20	5180	Sum	5179.9855	-2.8		Pass
LVNT	ax20	5180	Sum	5179.9865	-2.61		Pass
NVHT	ax20	5180	Sum	5179.987	-2.51		Pass
NVLT	ax20	5180	Sum	5179.9875	-2.41		Pass
NVNT	ax20	5180	Sum	5179.988	-2.32		Pass
HVNT	ax40	5190	Sum	5189.976	-4.62		Pass
LVNT	ax40	5190	Sum	5189.977	-4.43		Pass
NVHT	ax40	5190	Sum	5189.9775	-4.34		Pass
NVLT	ax40	5190	Sum	5189.978	-4.24		Pass
NVNT	ax40	5190	Sum	5189.9795	-3.95		Pass
HVNT	ax80	5210	Sum	5209.978	-4.22		Pass
LVNT	ax80	5210	Sum	5209.9785	-4.13		Pass
NVHT	ax80	5210	Sum	5209.979	-4.03		Pass
NVLT	ax80	5210	Sum	5209.9795	-3.93		Pass

NVNT	ax80	5210	Sum	5209.981	-3.65		Pass
HVNT	n20	5180	Sum	5179.977	-4.44		Pass
LVNT	n20	5180	Sum	5179.9785	-4.15		Pass
NVHT	n20	5180	Sum	5179.979	-4.05		Pass
NVLT	n20	5180	Sum	5179.979	-4.05		Pass
NVNT	n20	5180	Sum	5179.98	-3.86		Pass
HVNT	n40	5190	Sum	5189.9785	-4.14		Pass
LVNT	n40	5190	Sum	5189.9785	-4.14		Pass
NVHT	n40	5190	Sum	5189.9785	-4.14		Pass
NVLT	n40	5190	Sum	5189.979	-4.05		Pass
NVNT	n40	5190	Sum	5189.9795	-3.95		Pass

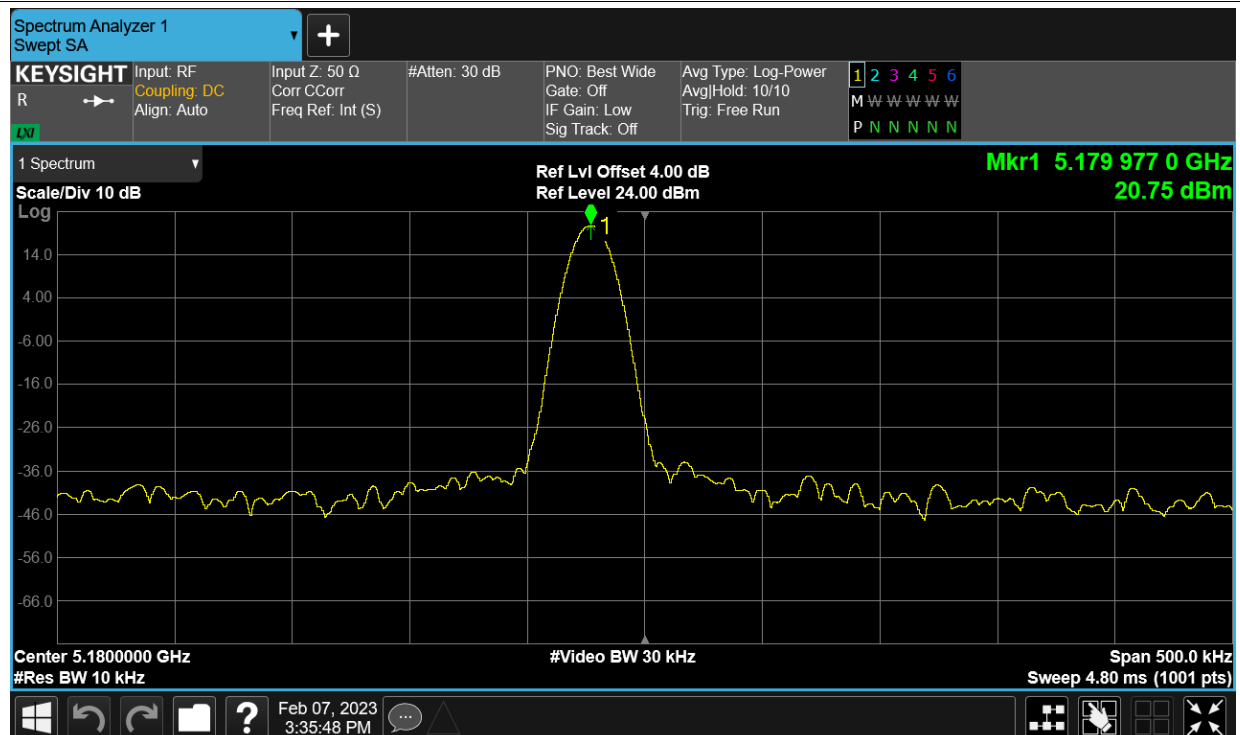
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

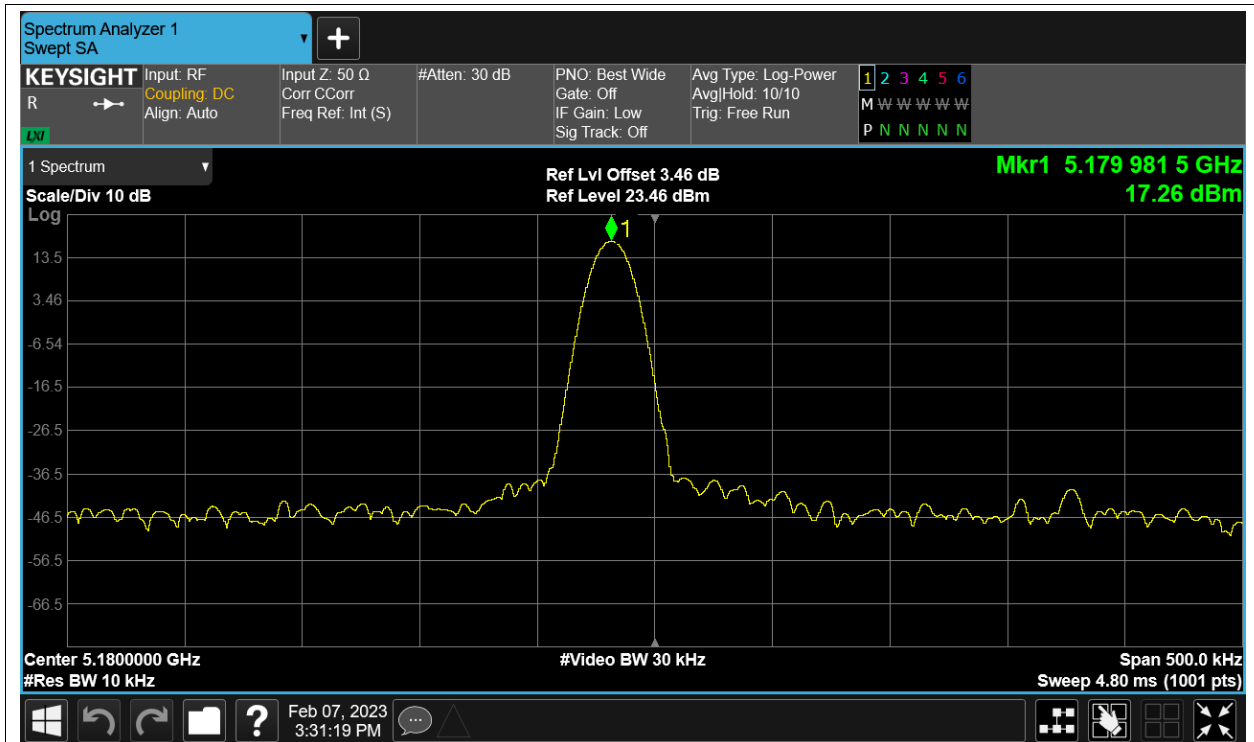
Freq. Stability HVNT a 5180MHz Ant2



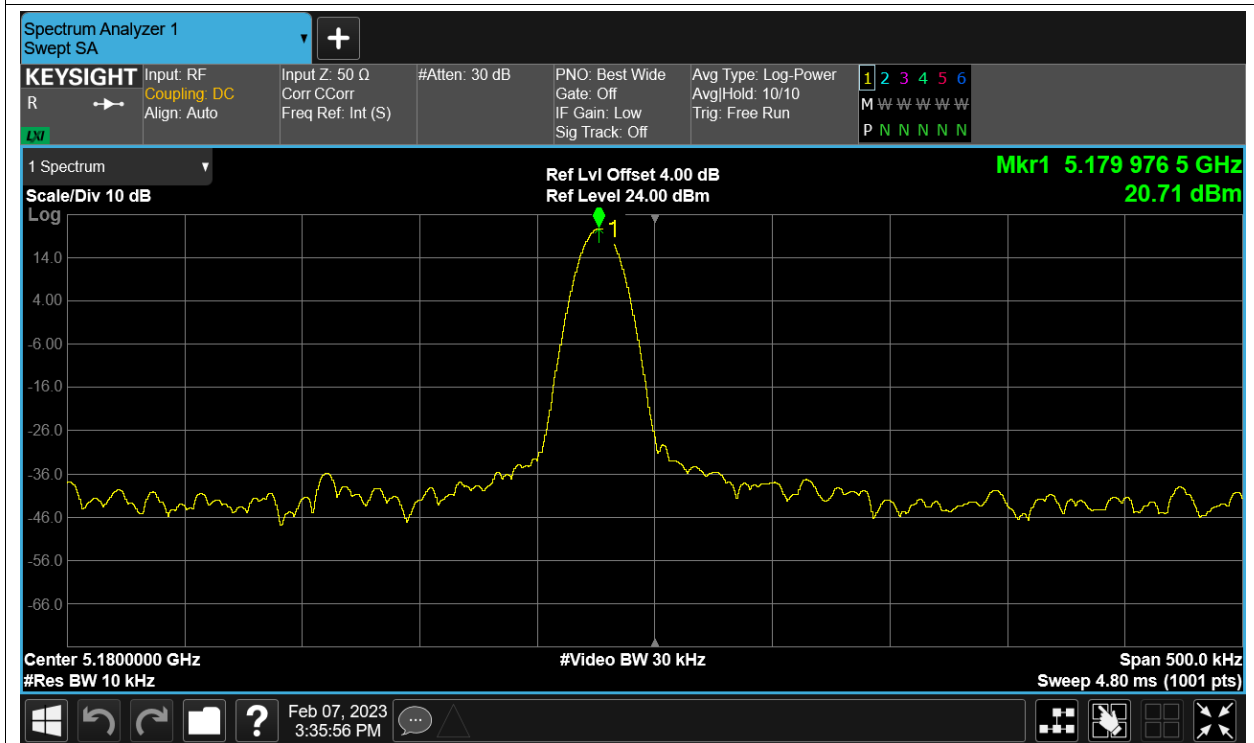
Freq. Stability HVNT a 5180MHz Ant4



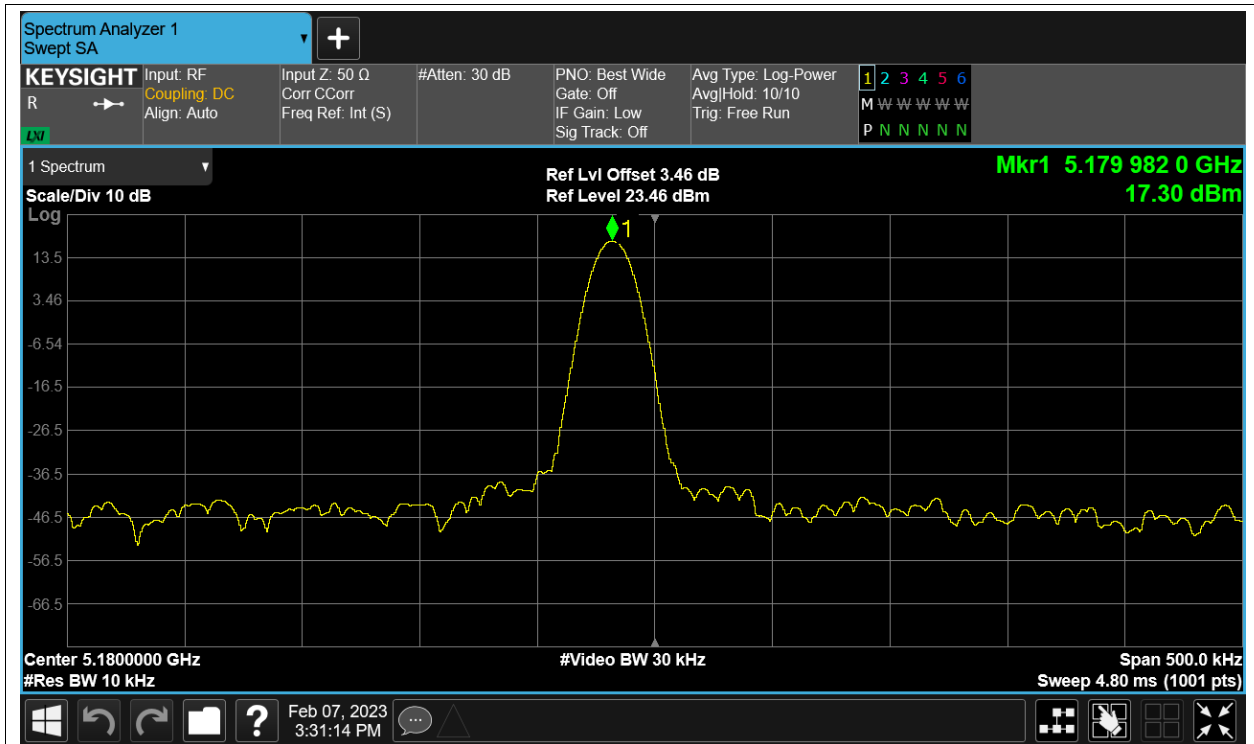
Freq. Stability LVNT a 5180MHz Ant2



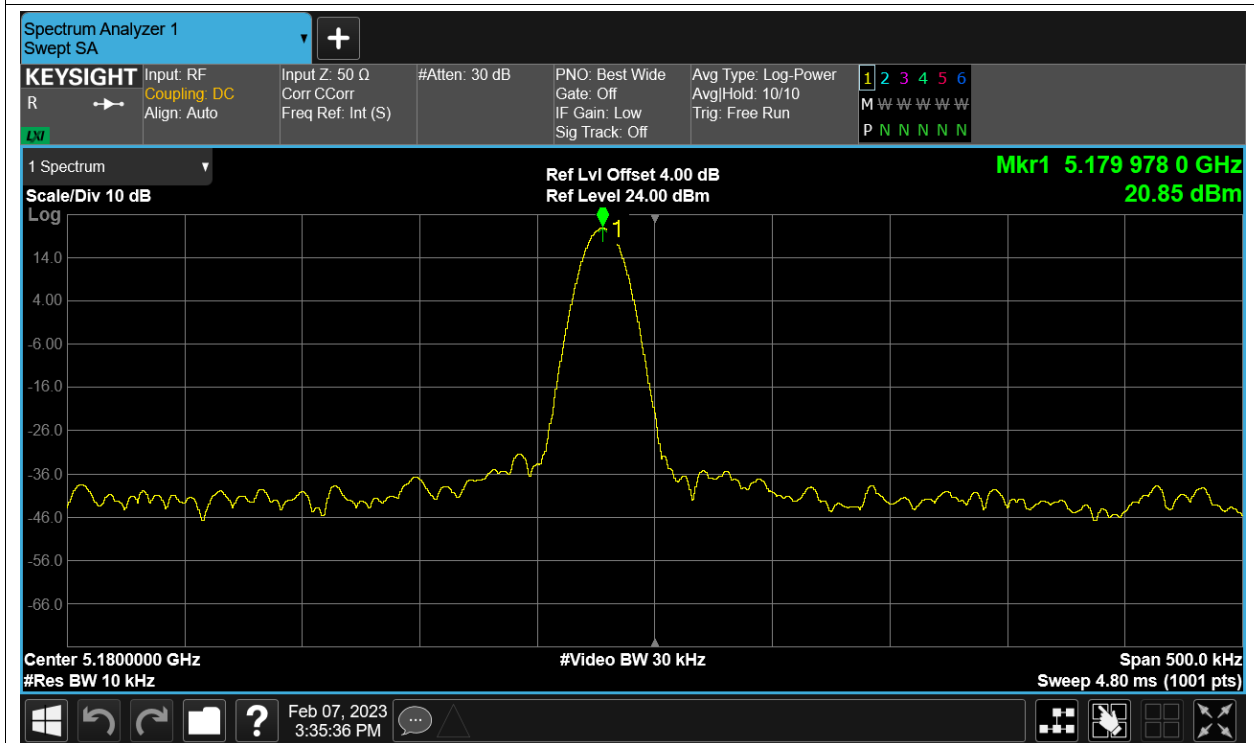
Freq. Stability LVNT a 5180MHz Ant4



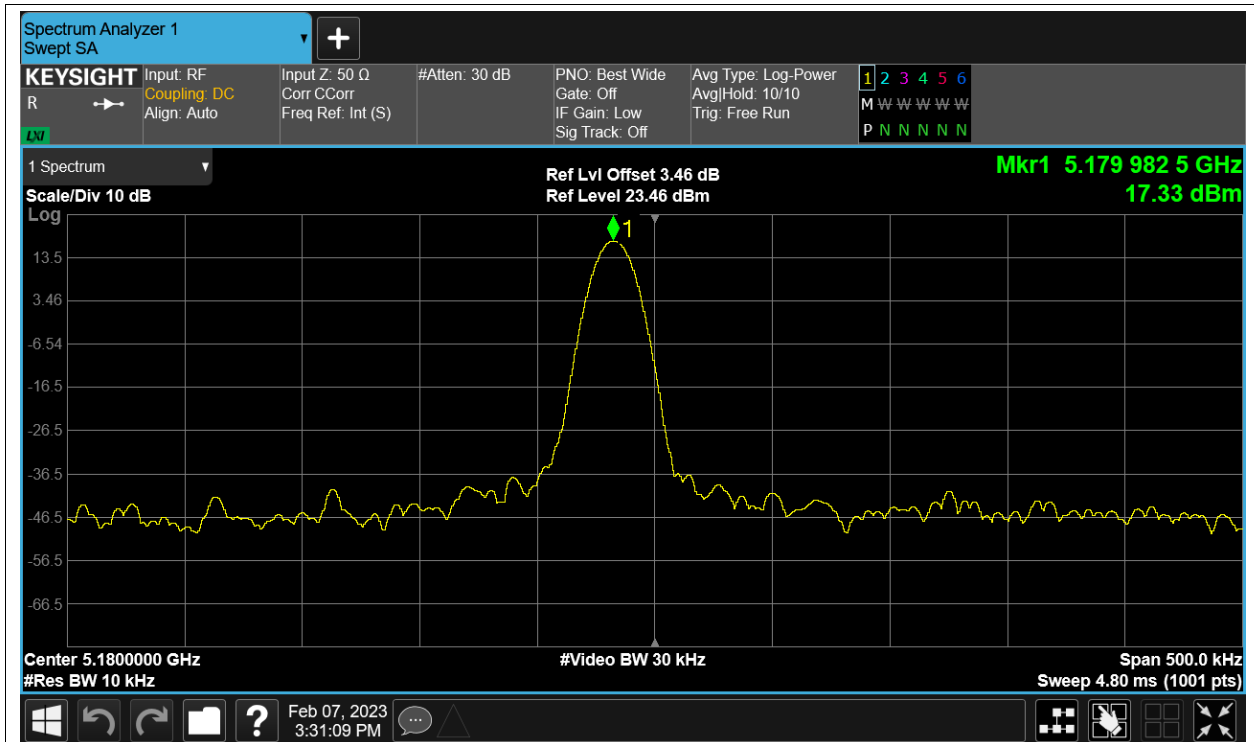
Freq. Stability NVHT a 5180MHz Ant2



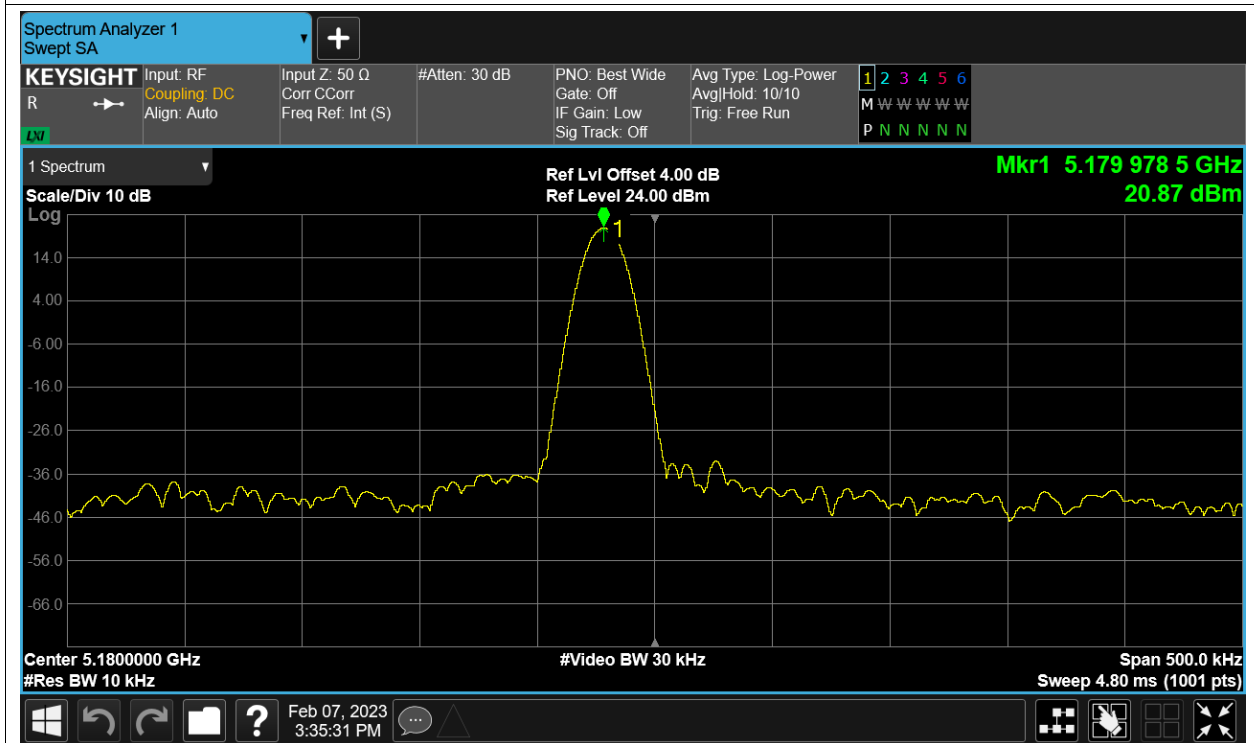
Freq. Stability NVHT a 5180MHz Ant4



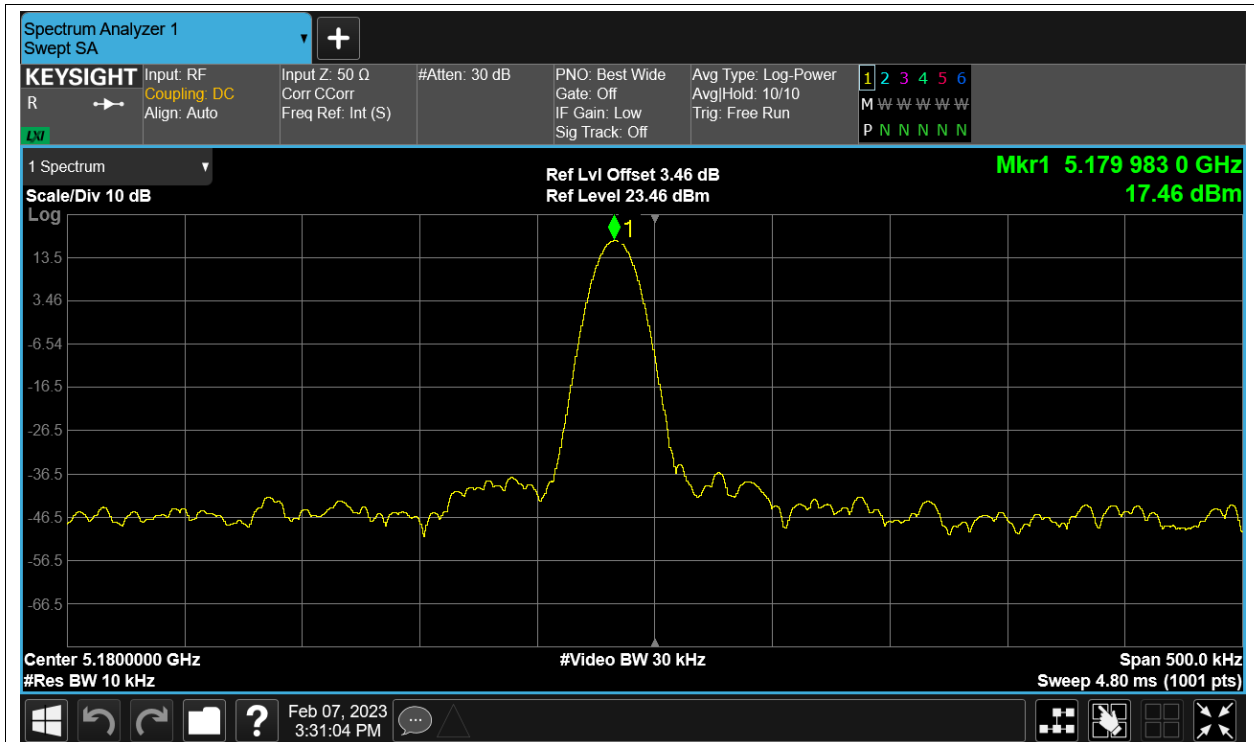
Freq. Stability NVLT a 5180MHz Ant2



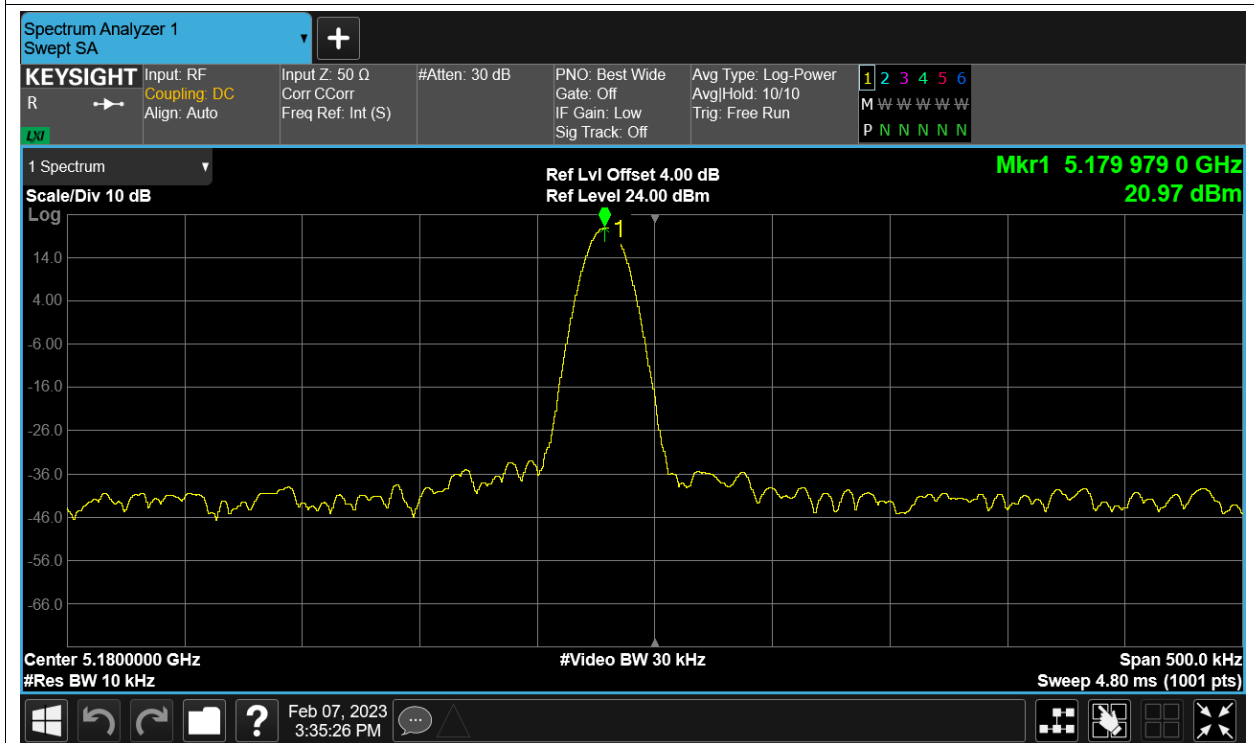
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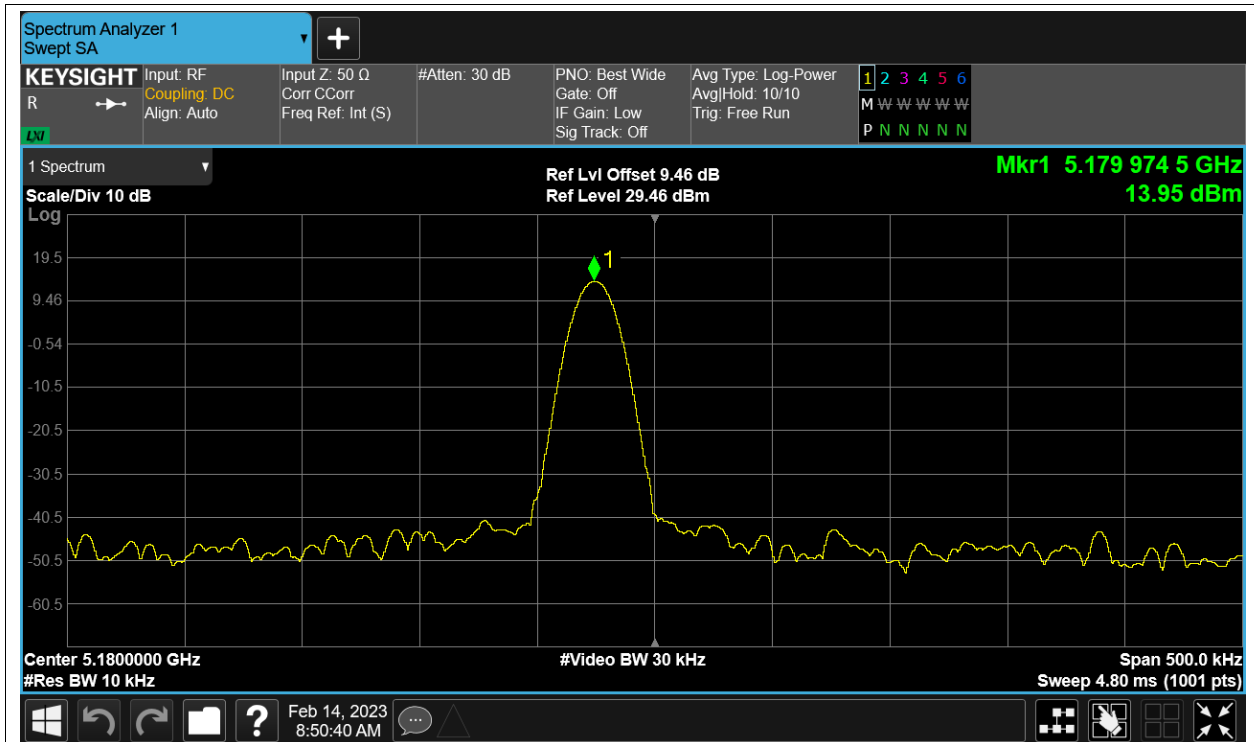
Freq. Stability NVNT a 5180MHz Ant2



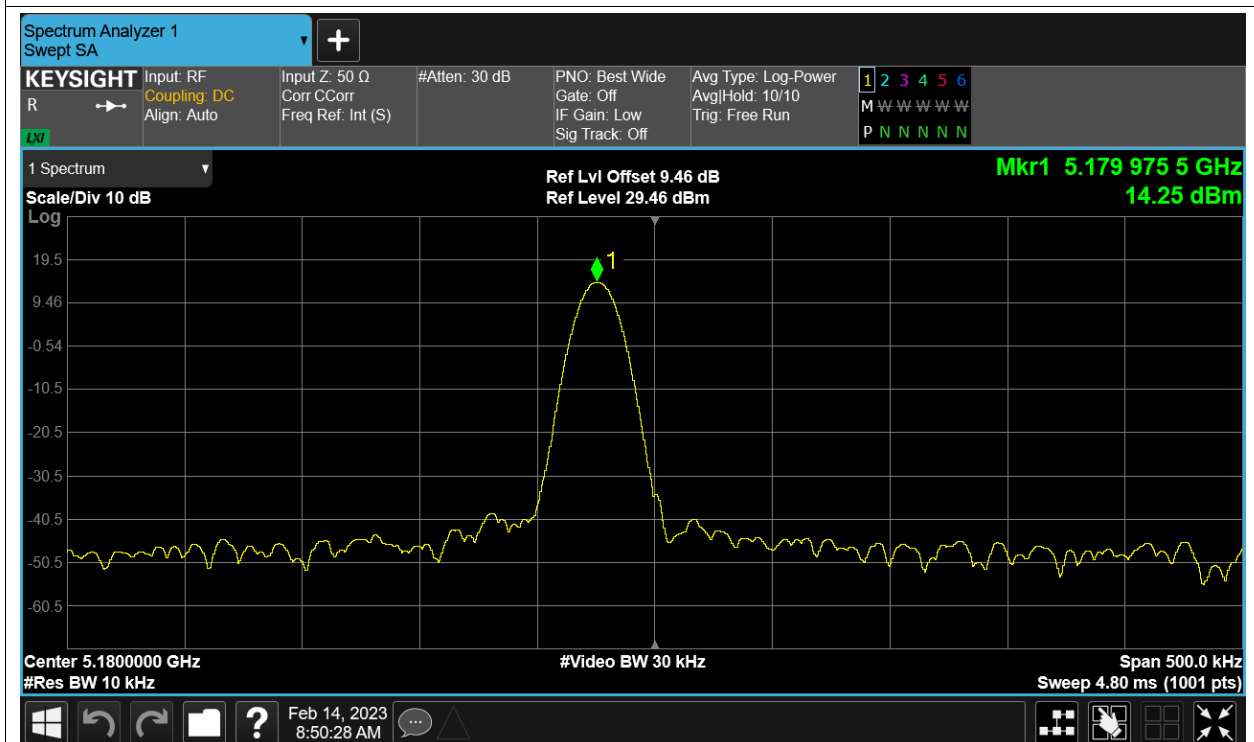
Freq. Stability NVNT a 5180MHz Ant4



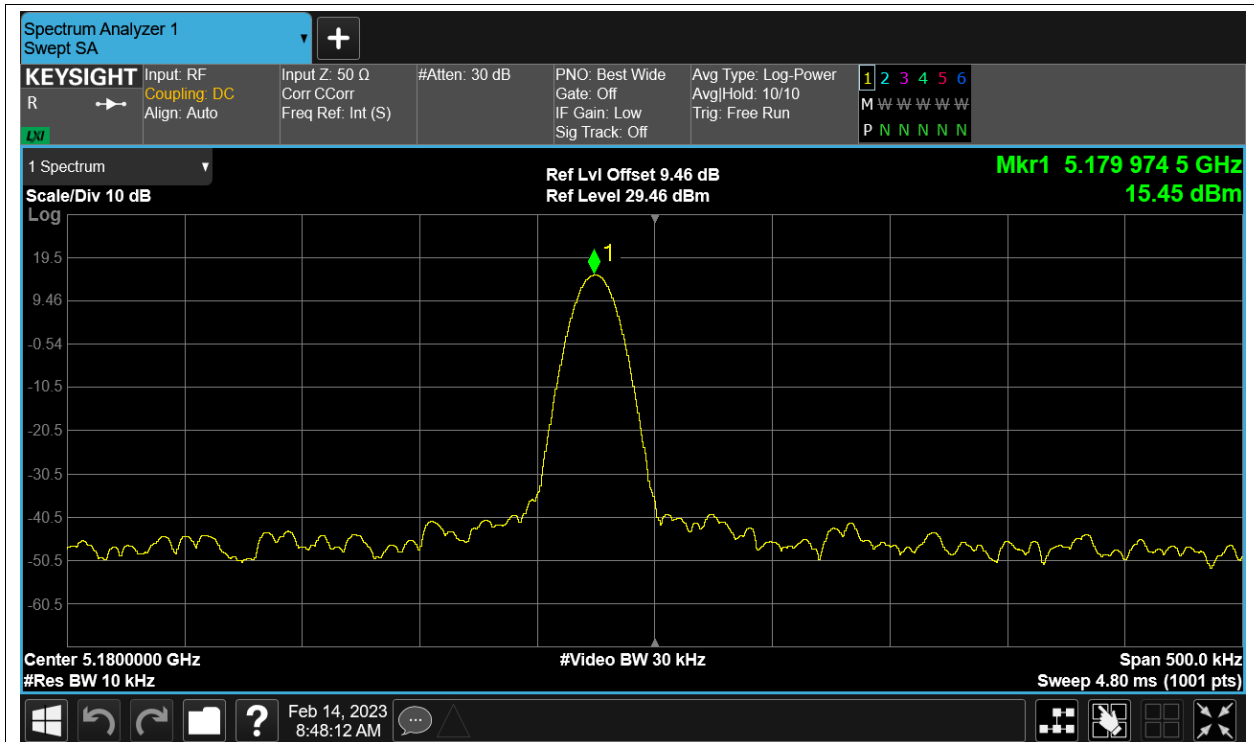
Freq. Stability HVNT ac20 5180MHz Sum



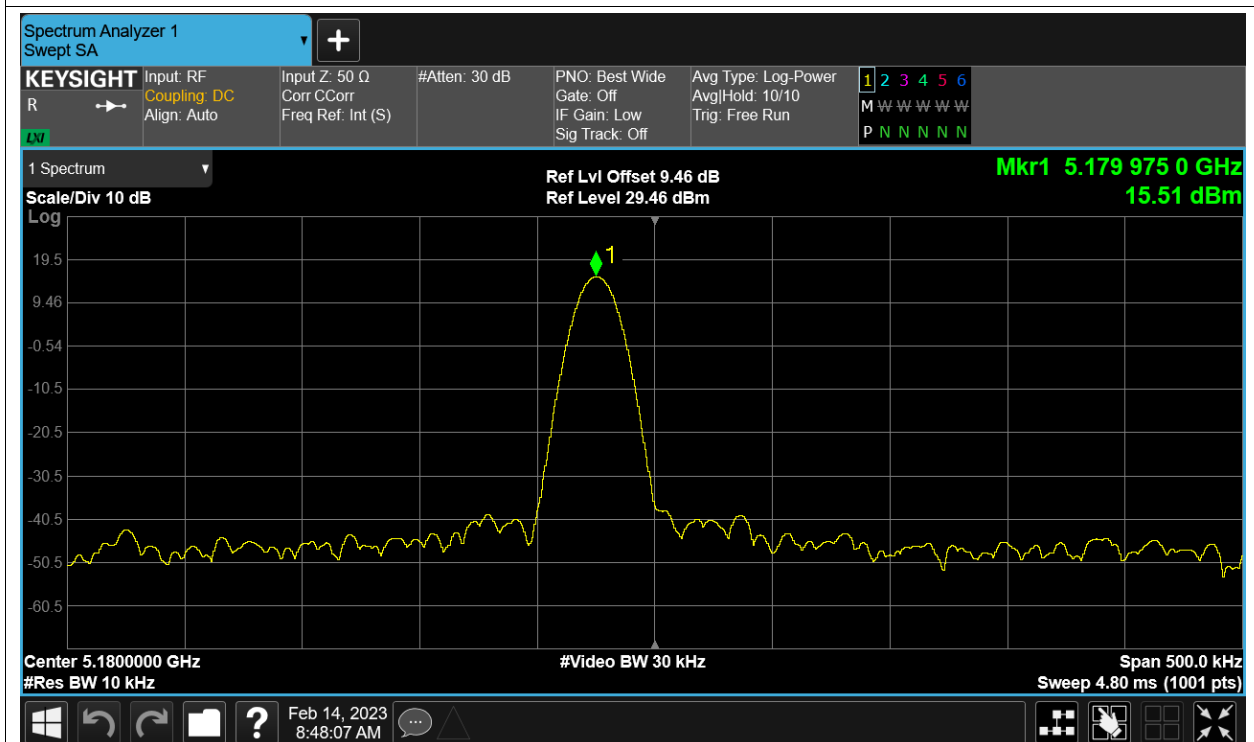
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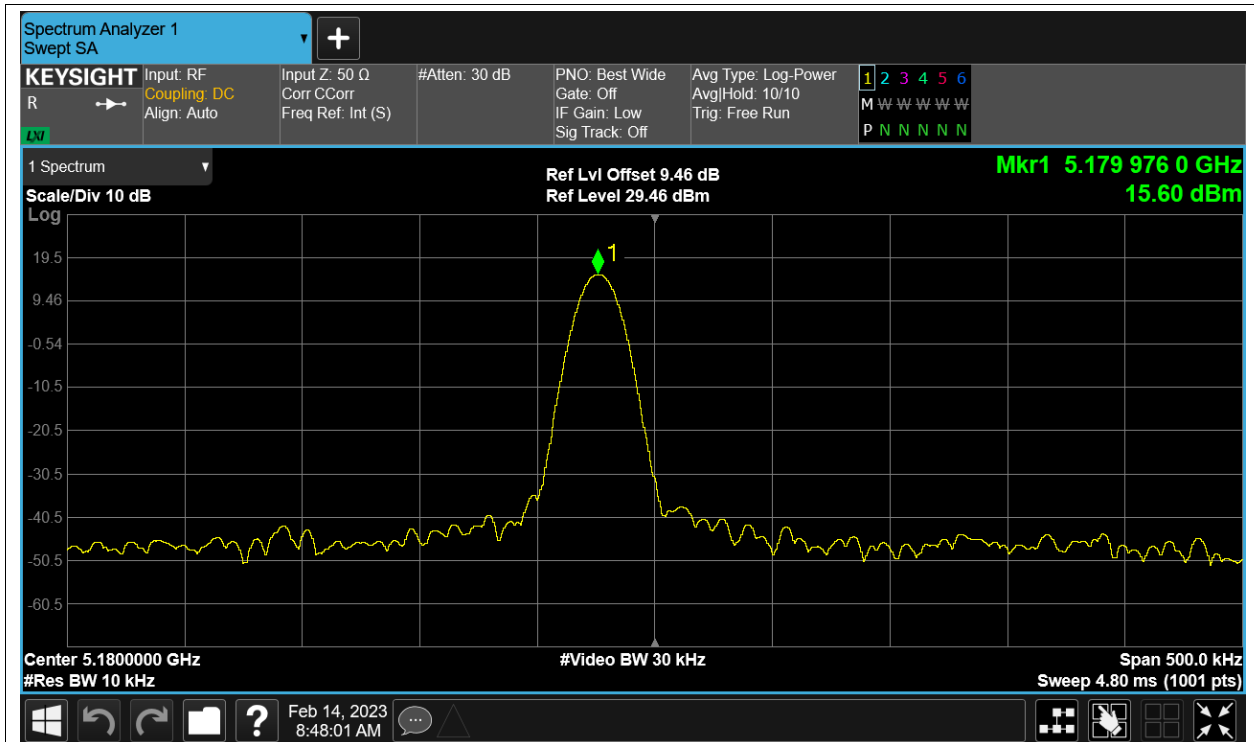
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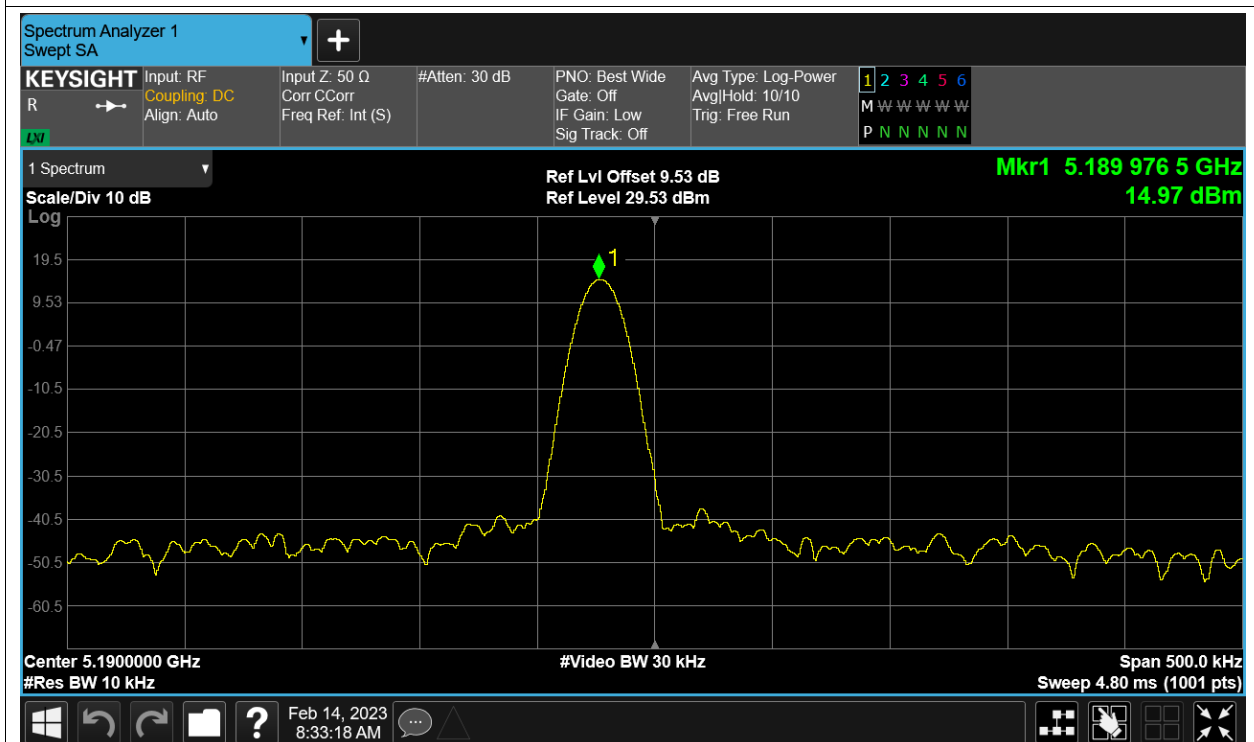
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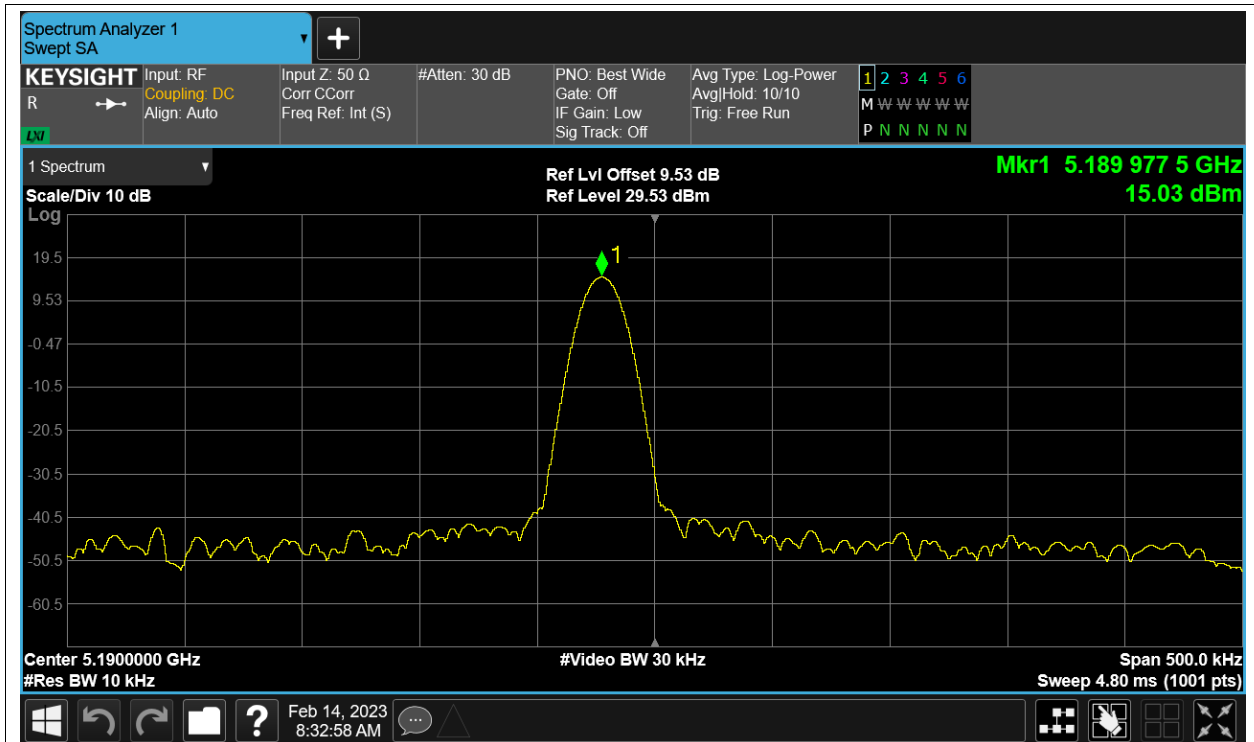
Freq. Stability NVNT ac20 5180MHz Sum



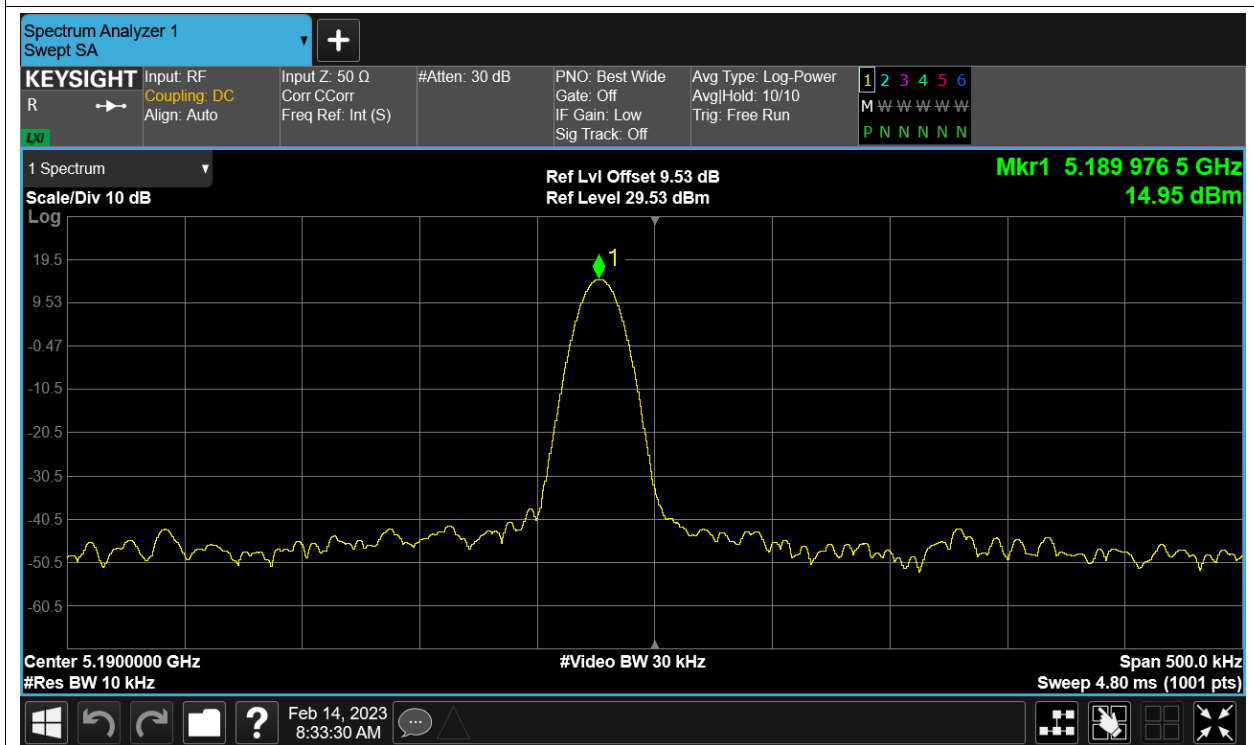
Freq. Stability HVNT ac40 5190MHz Sum



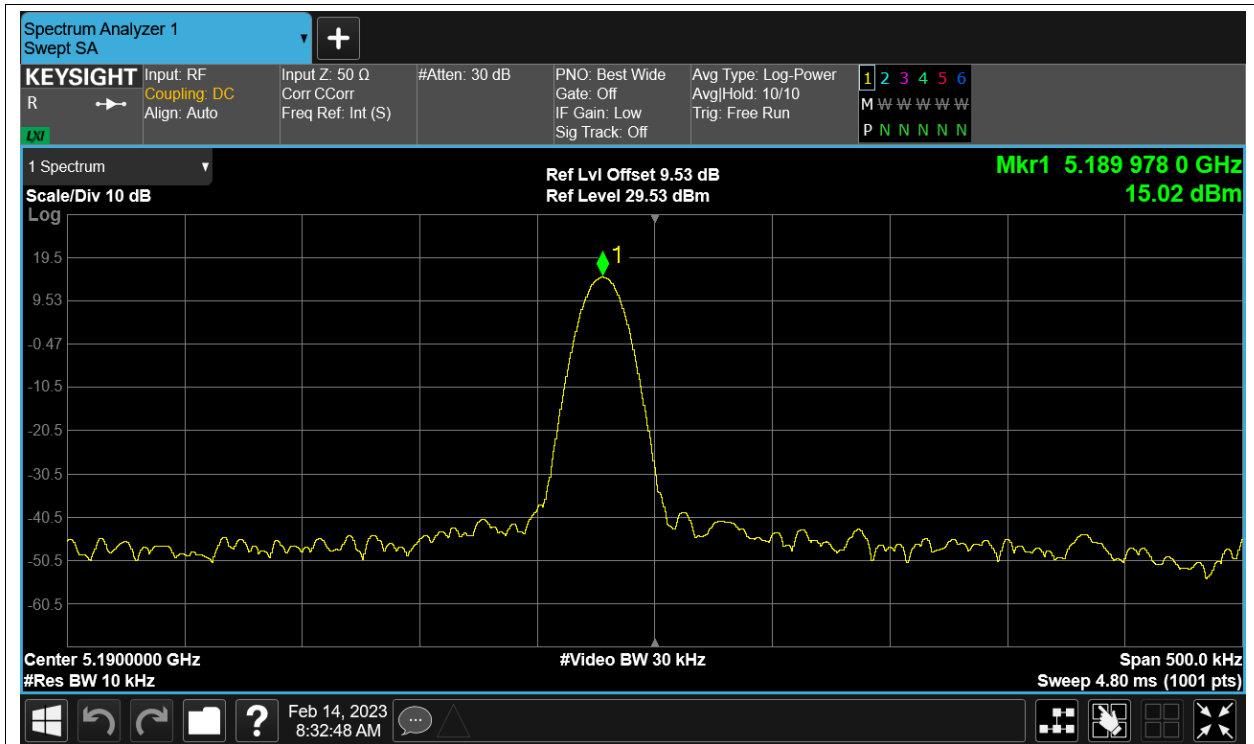
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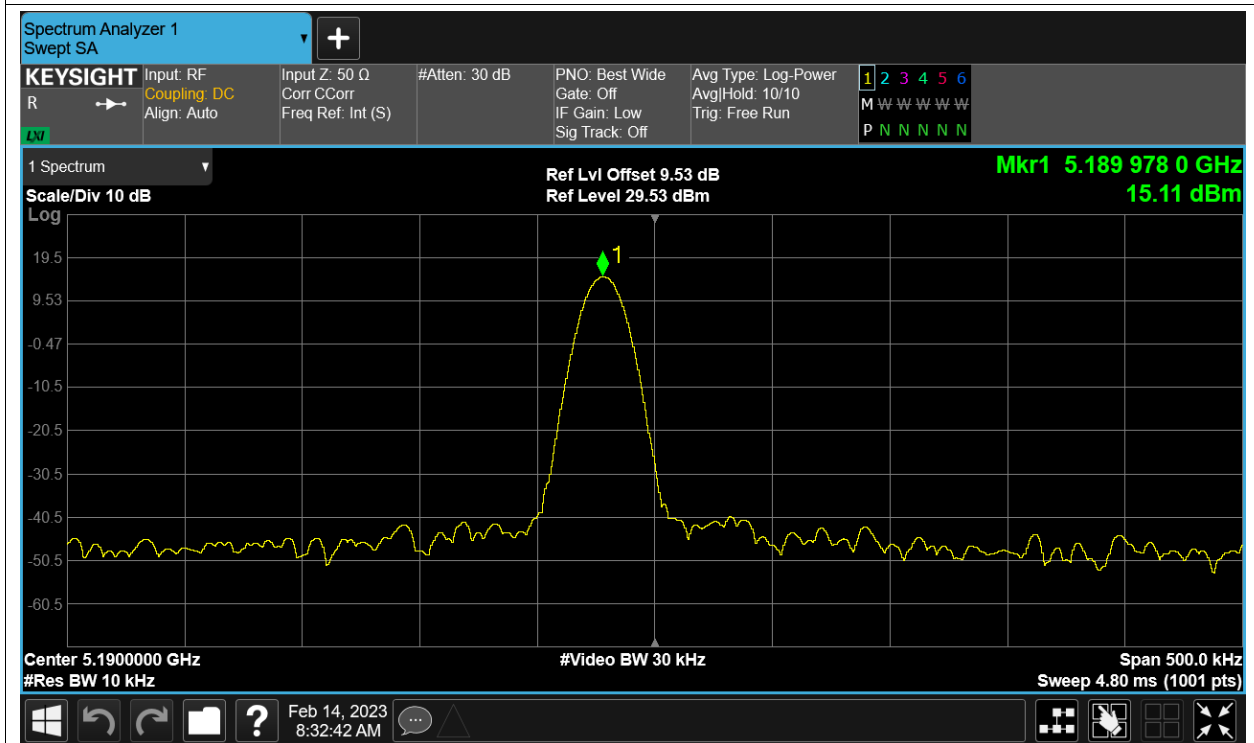
Freq. Stability NVHT ac40 5190MHz Sum



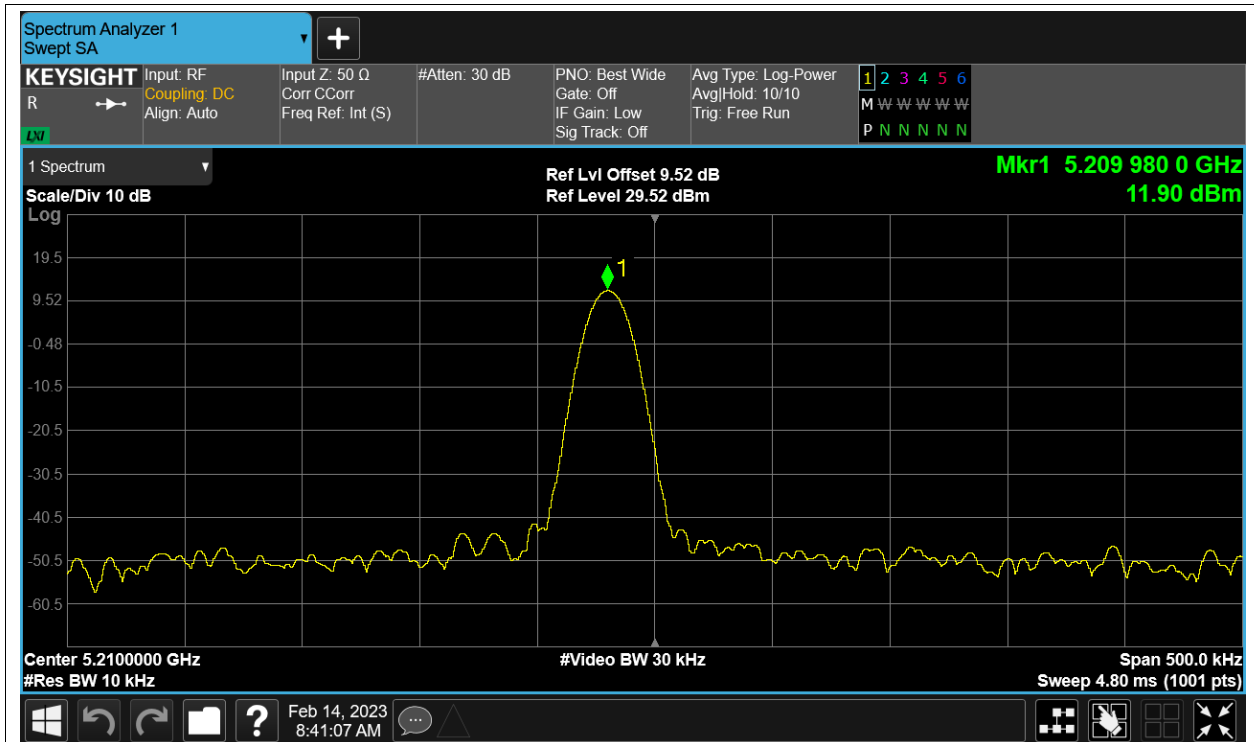
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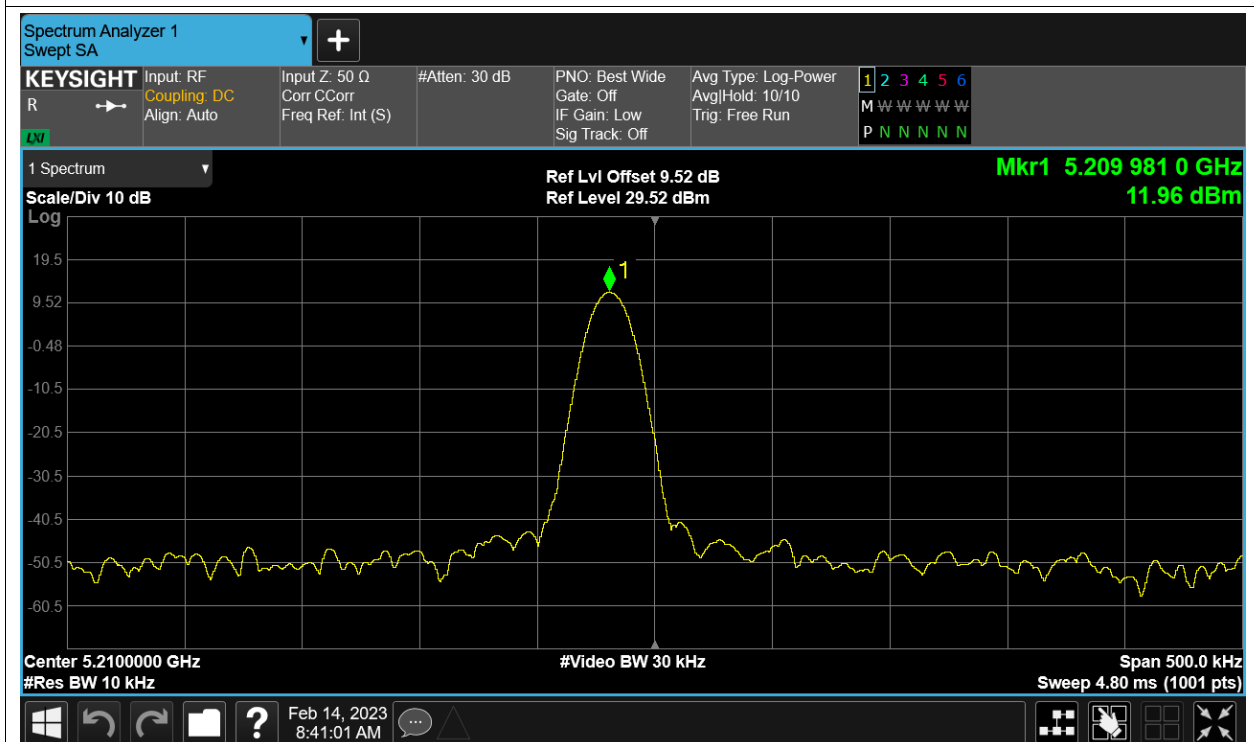
Freq. Stability NVNT ac40 5190MHz Sum



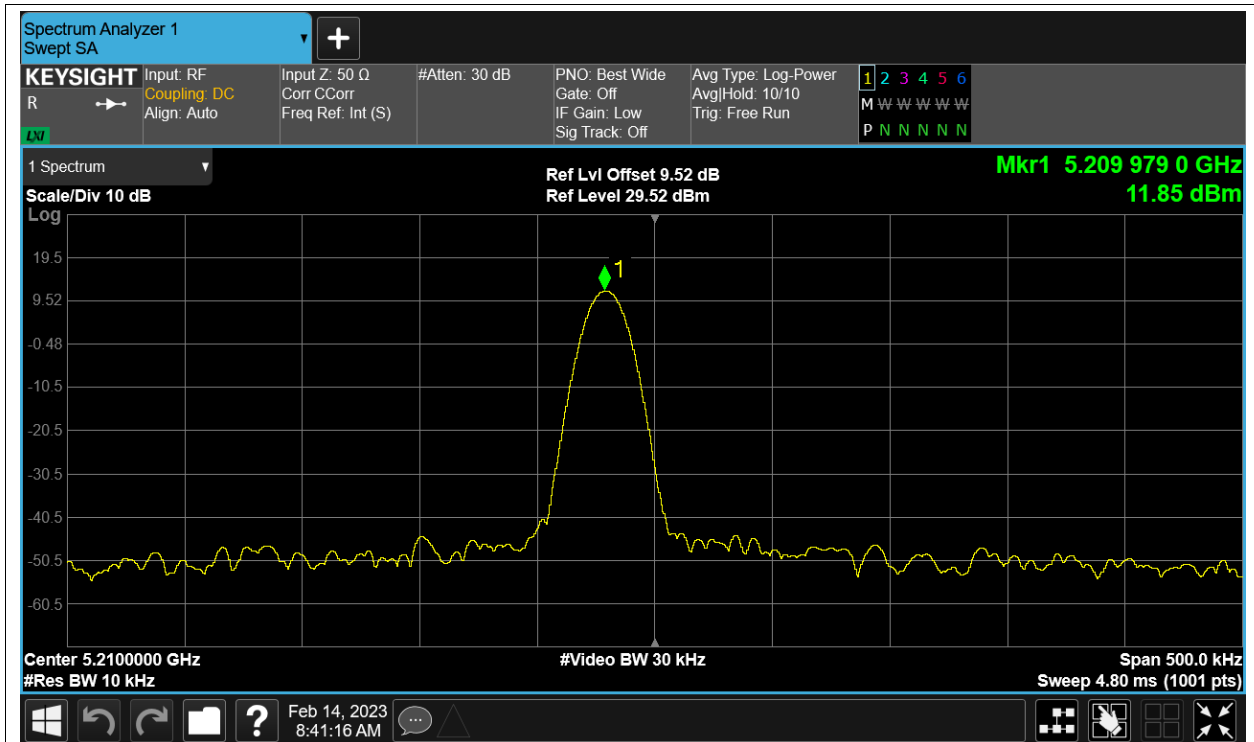
Freq. Stability HVNT ac80 5210MHz Sum



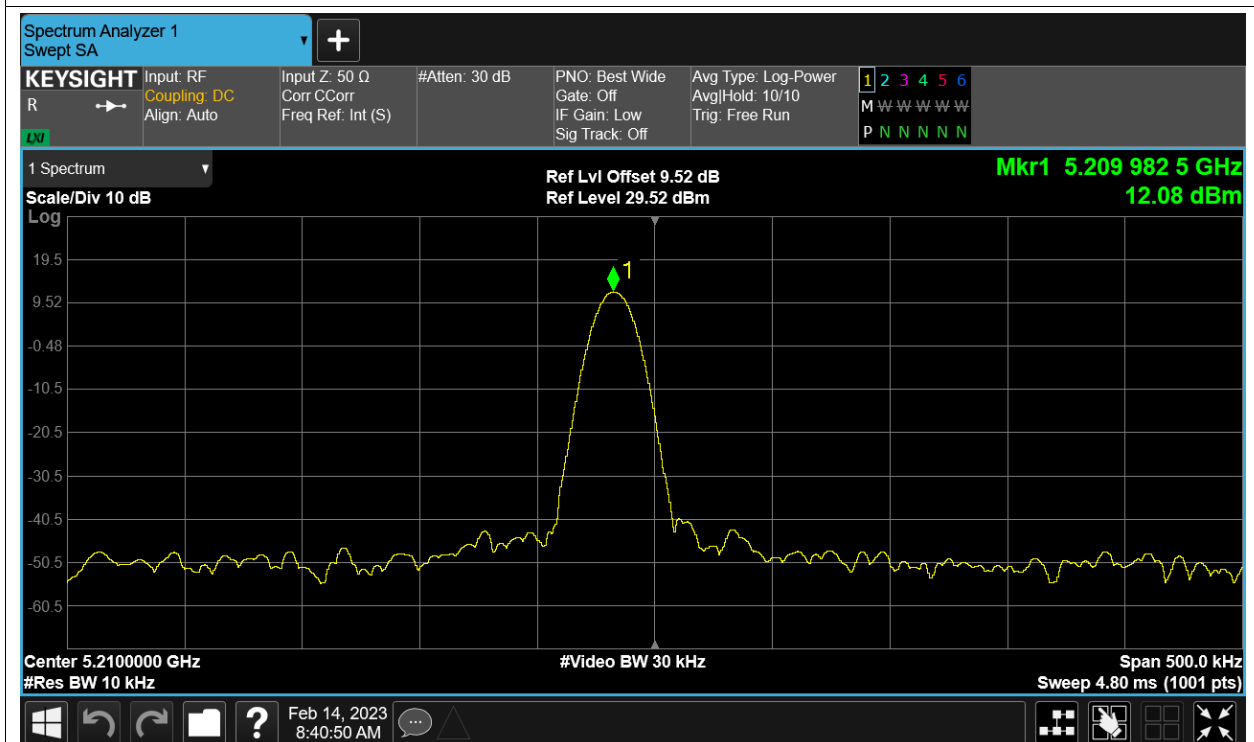
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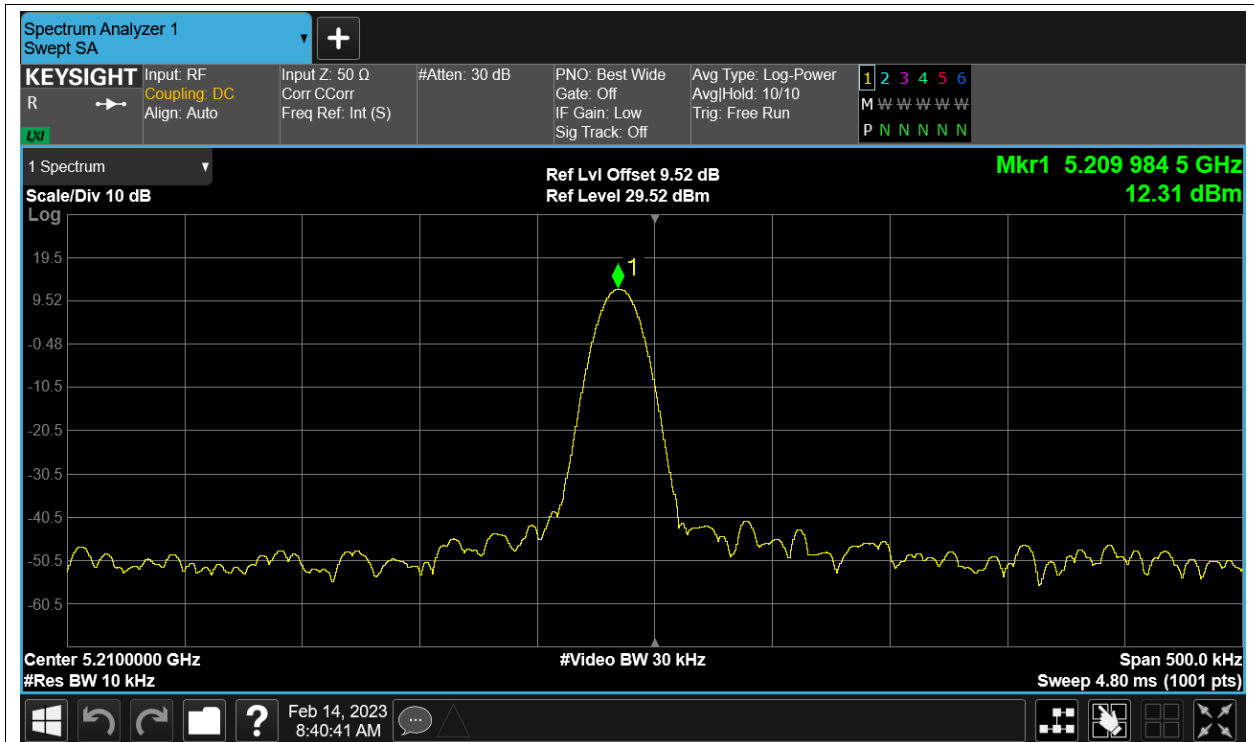
Freq. Stability NVHT ac80 5210MHz Sum



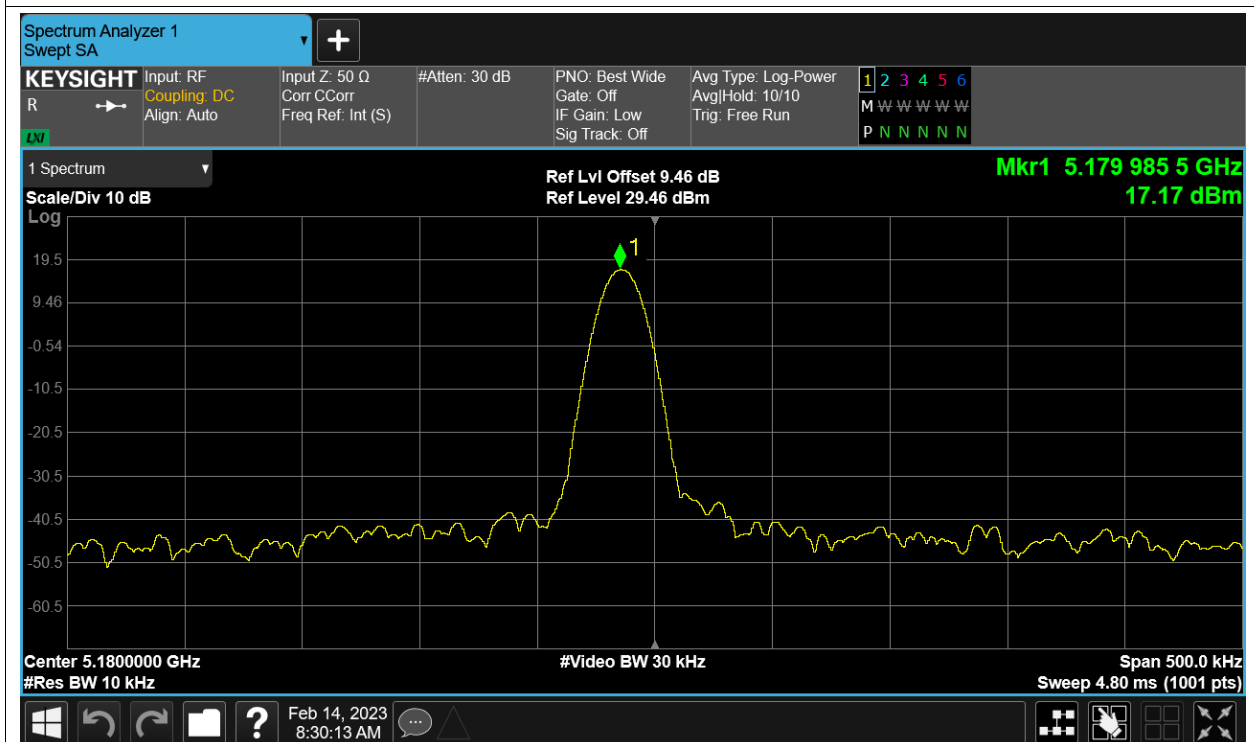
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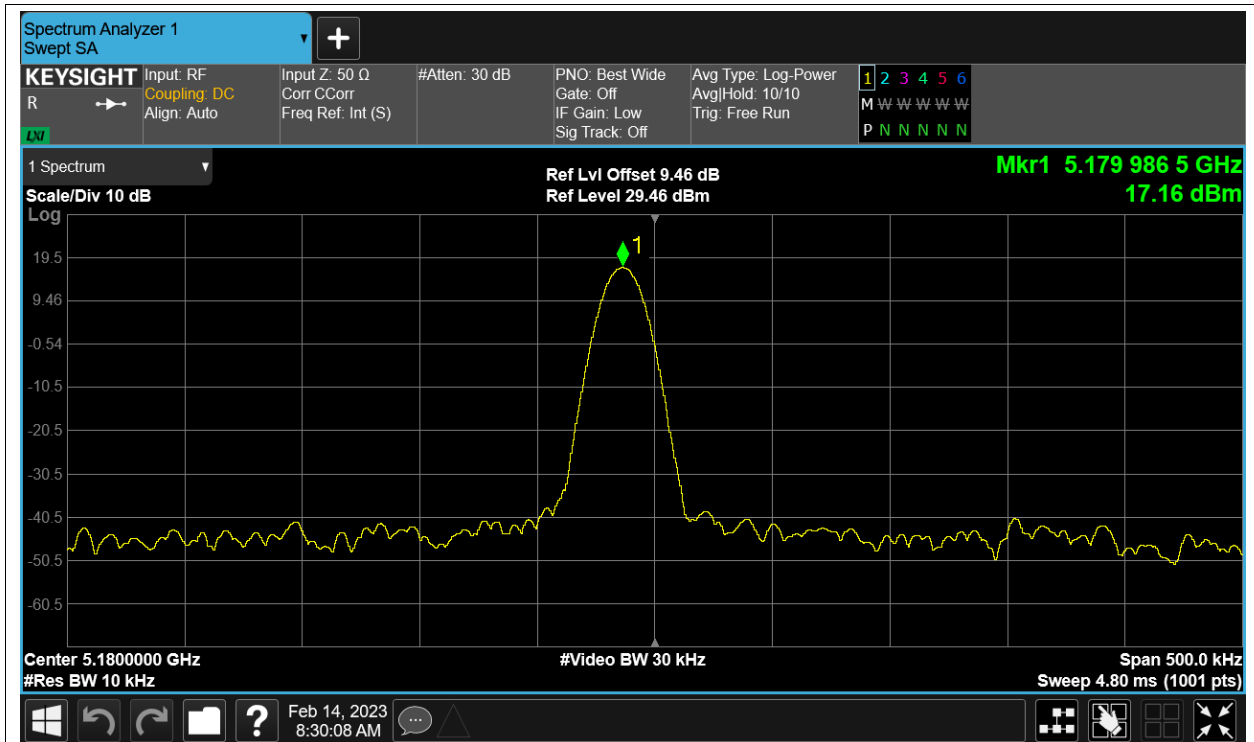
Freq. Stability NVNT ac80 5210MHz Sum



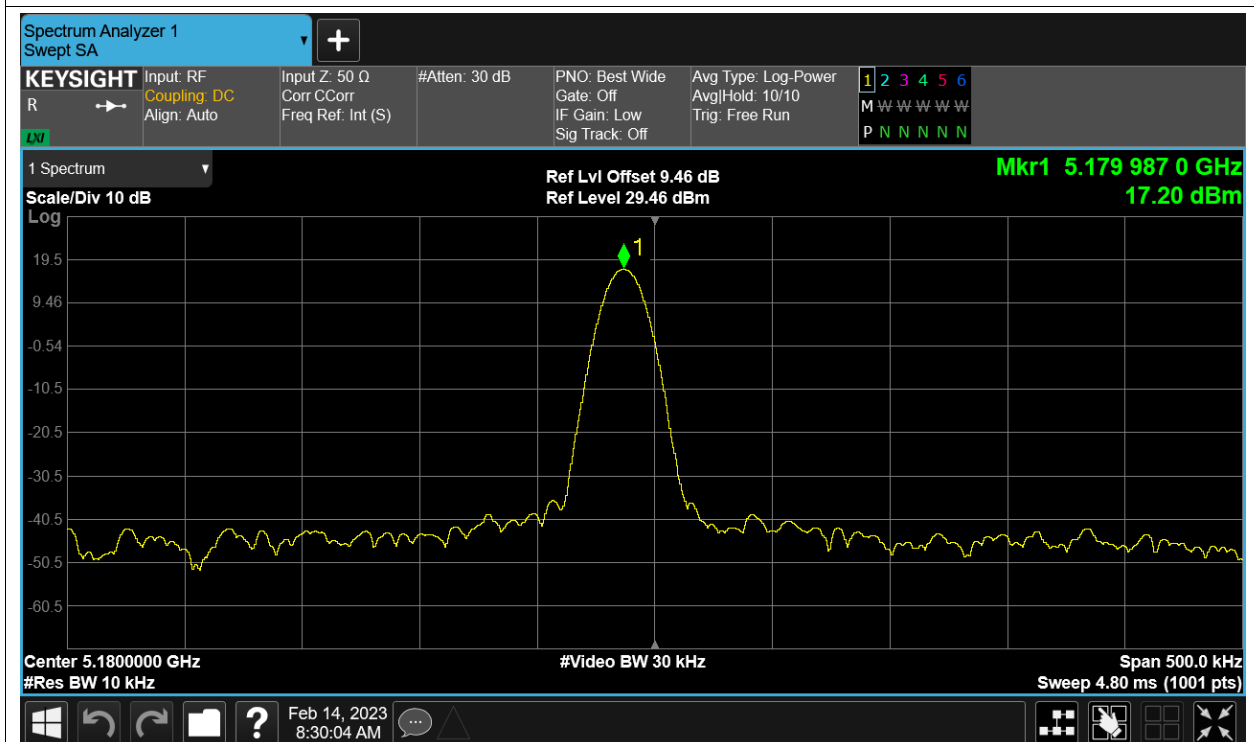
Freq. Stability HVNT ax20 5180MHz Sum



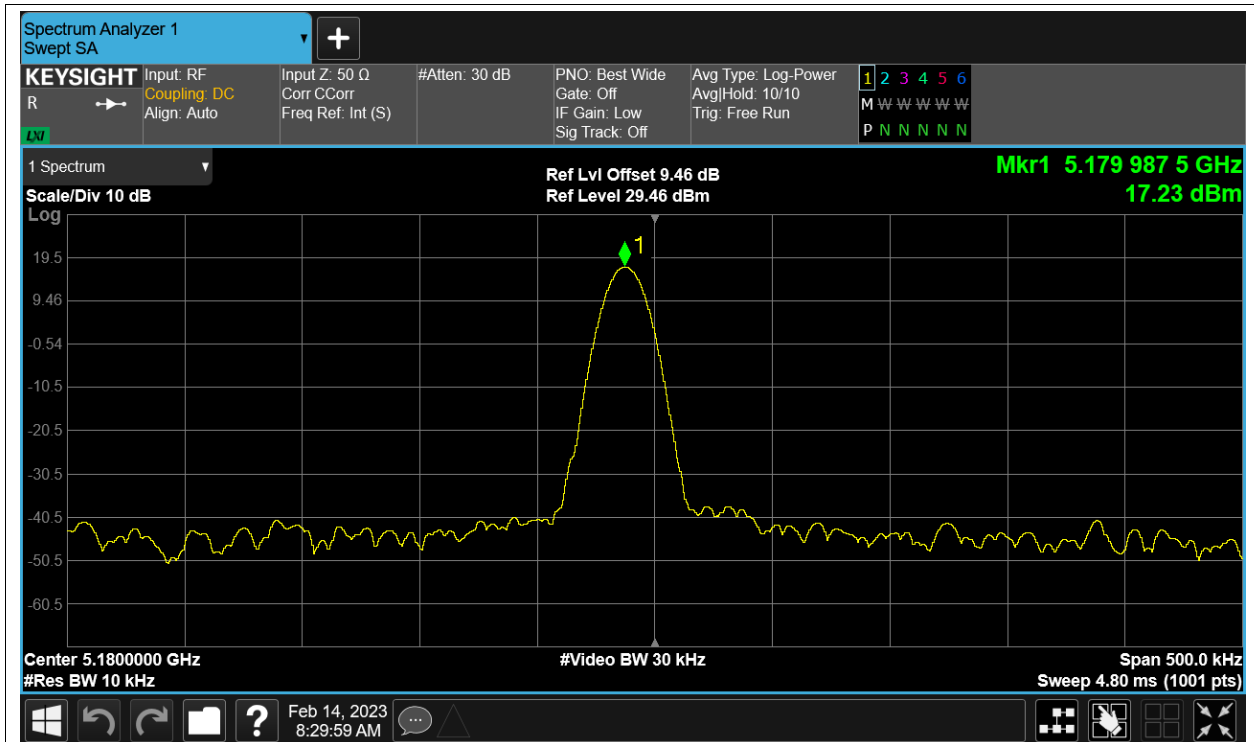
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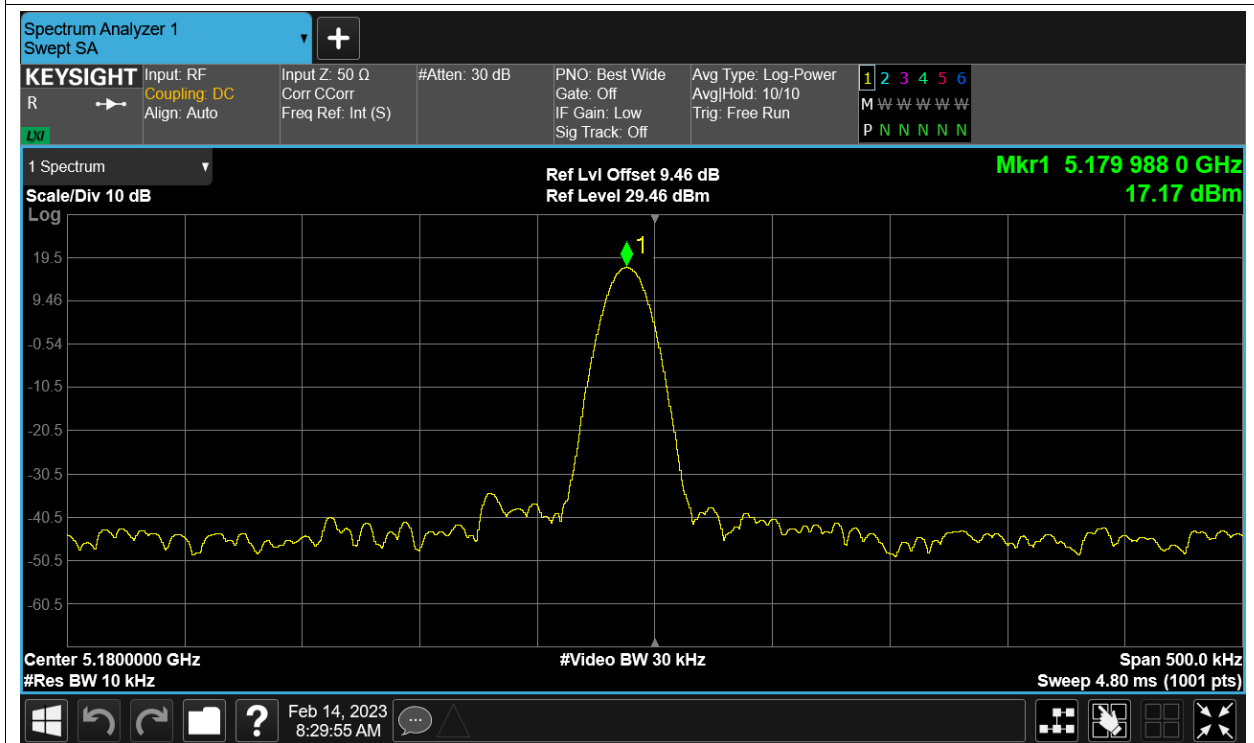
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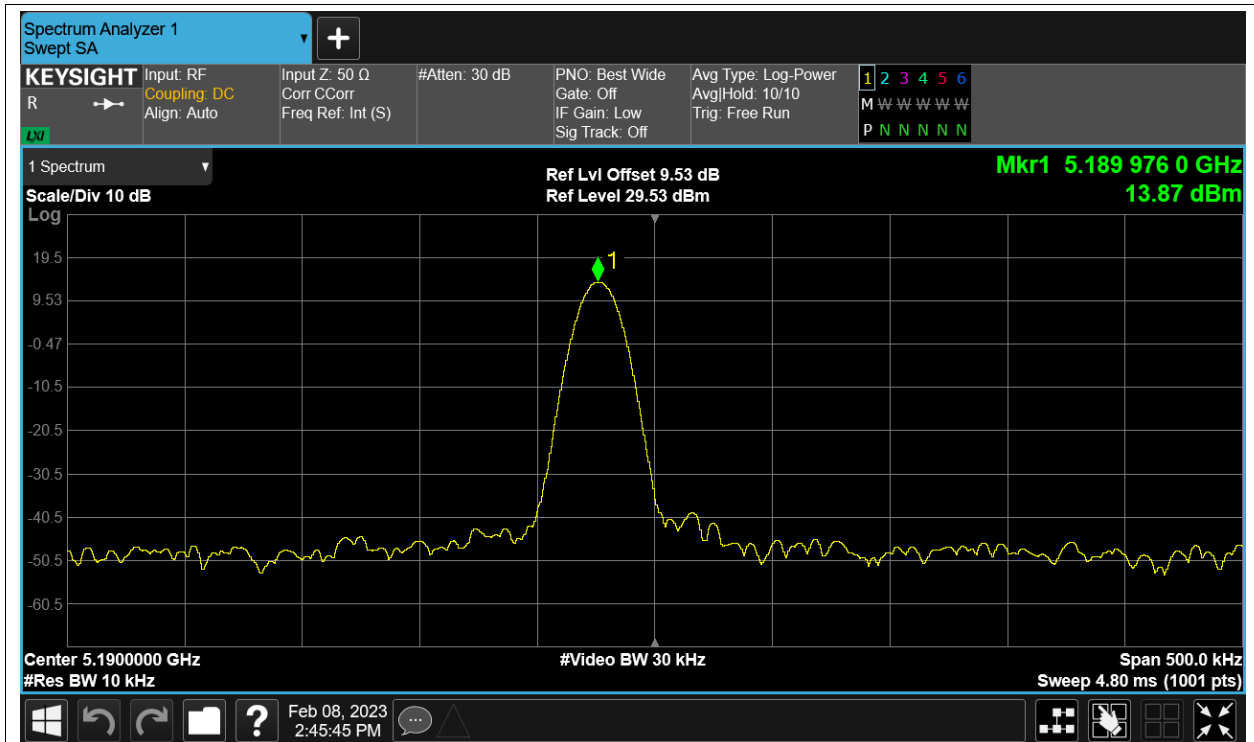
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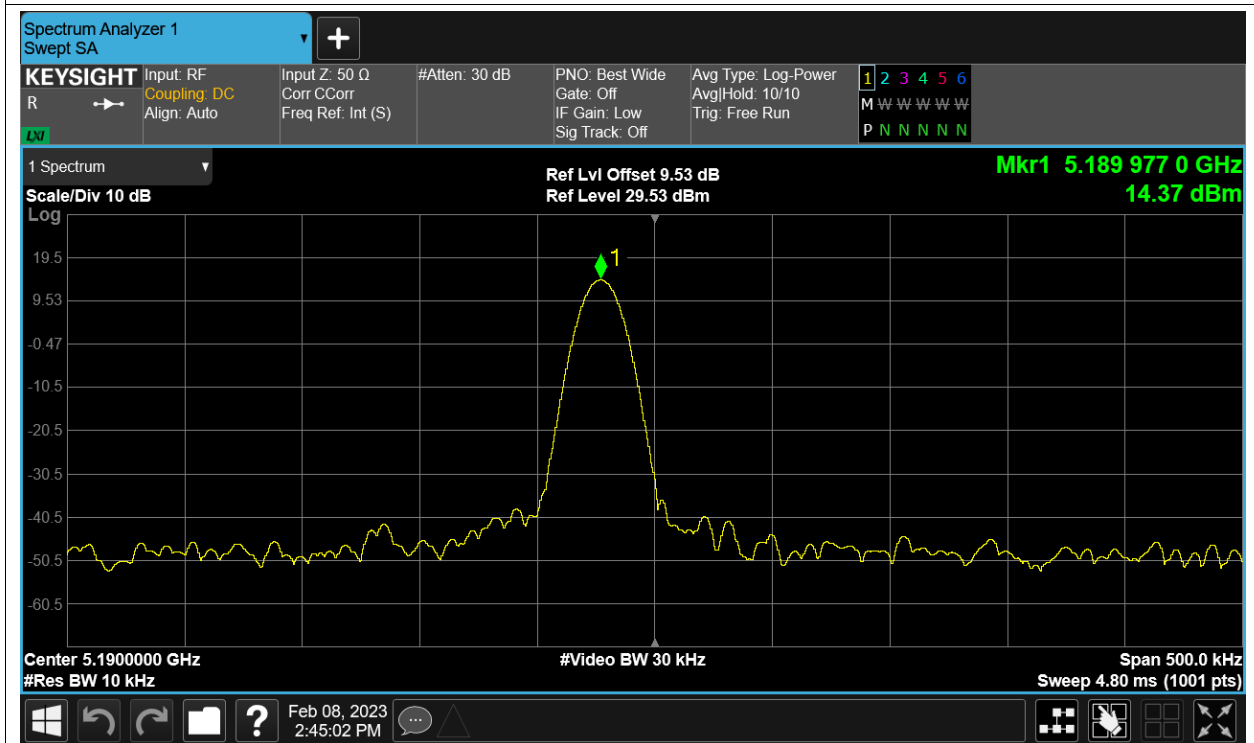
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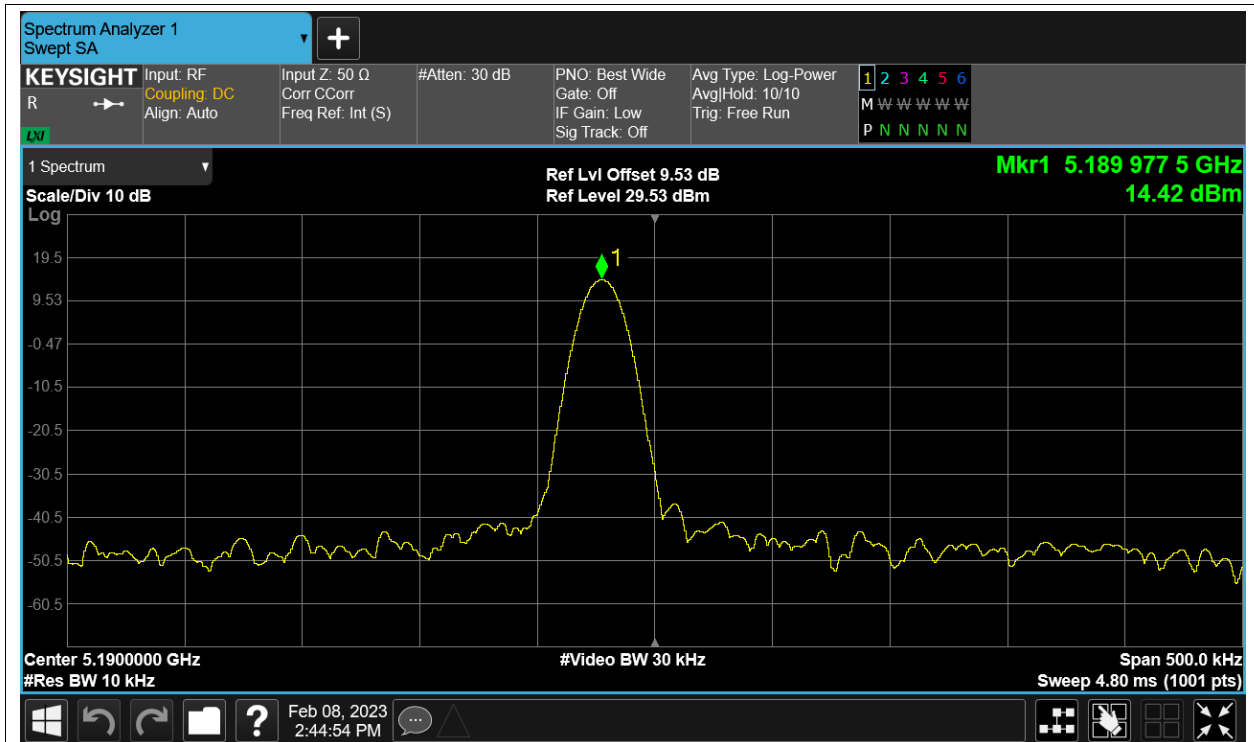
Freq. Stability HVNT ax40 5190MHz Sum



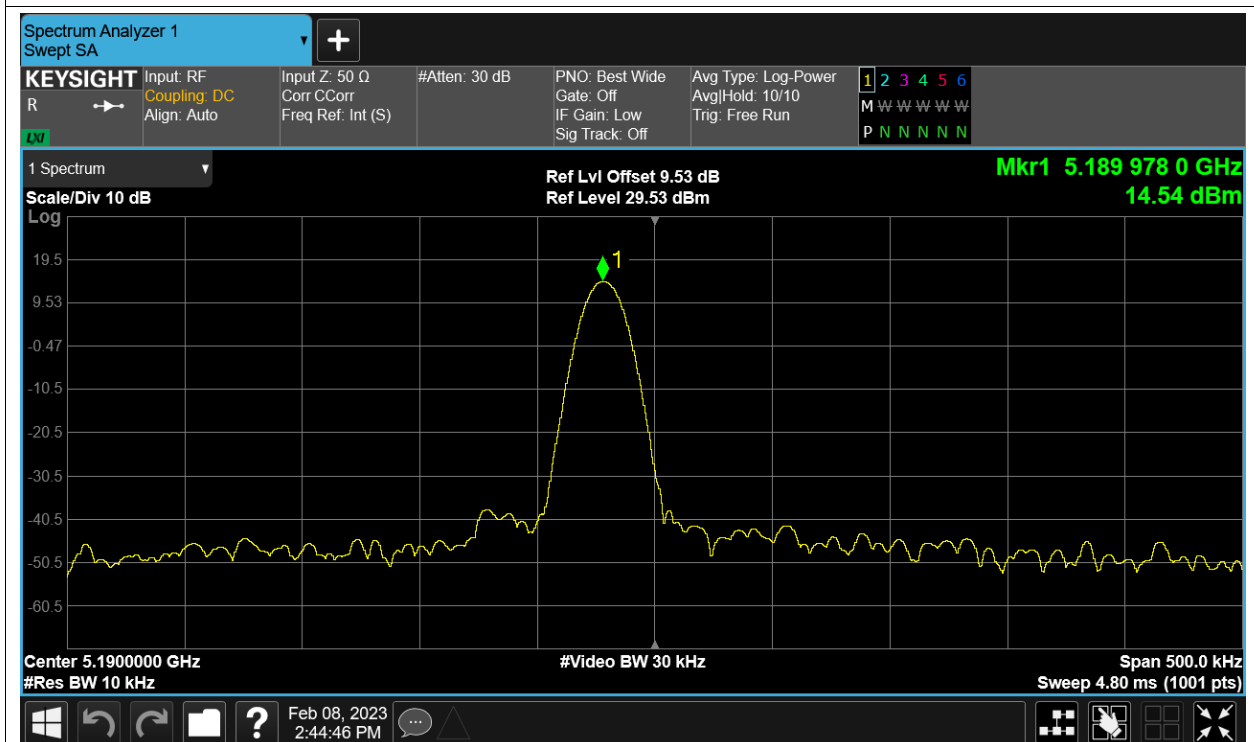
Freq. Stability LVNT ax40 5190MHz Sum



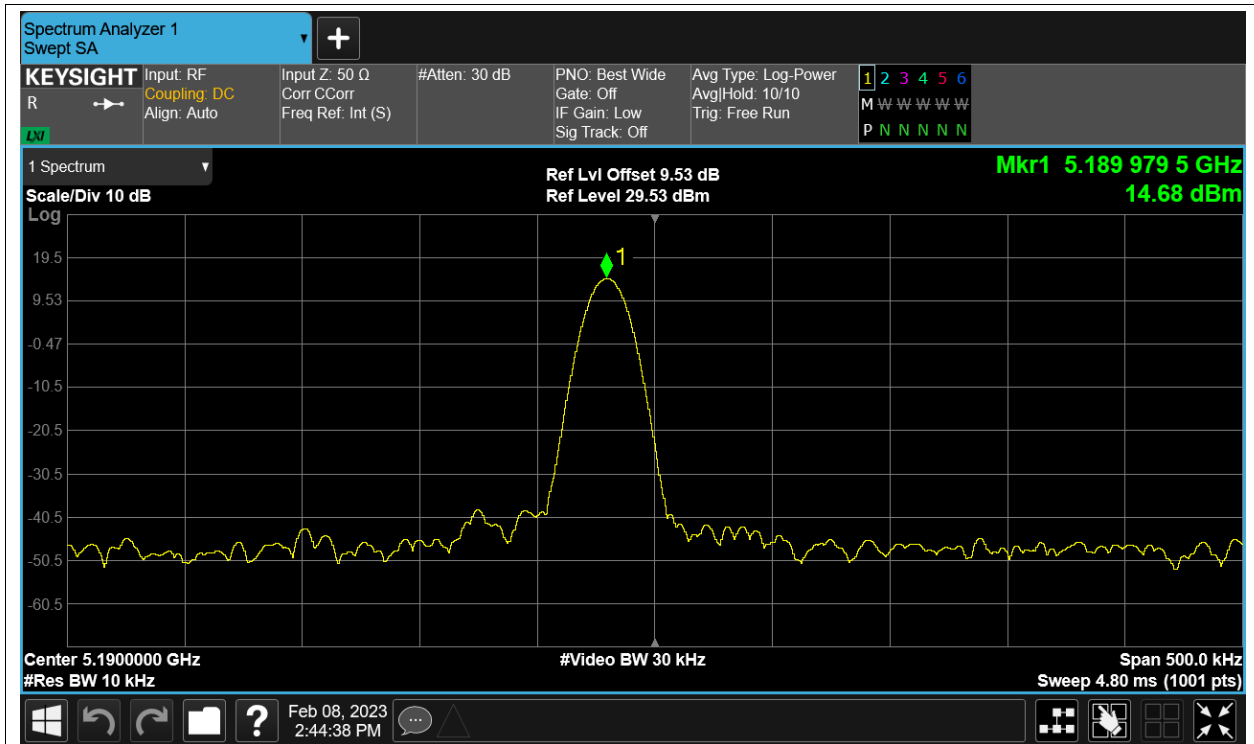
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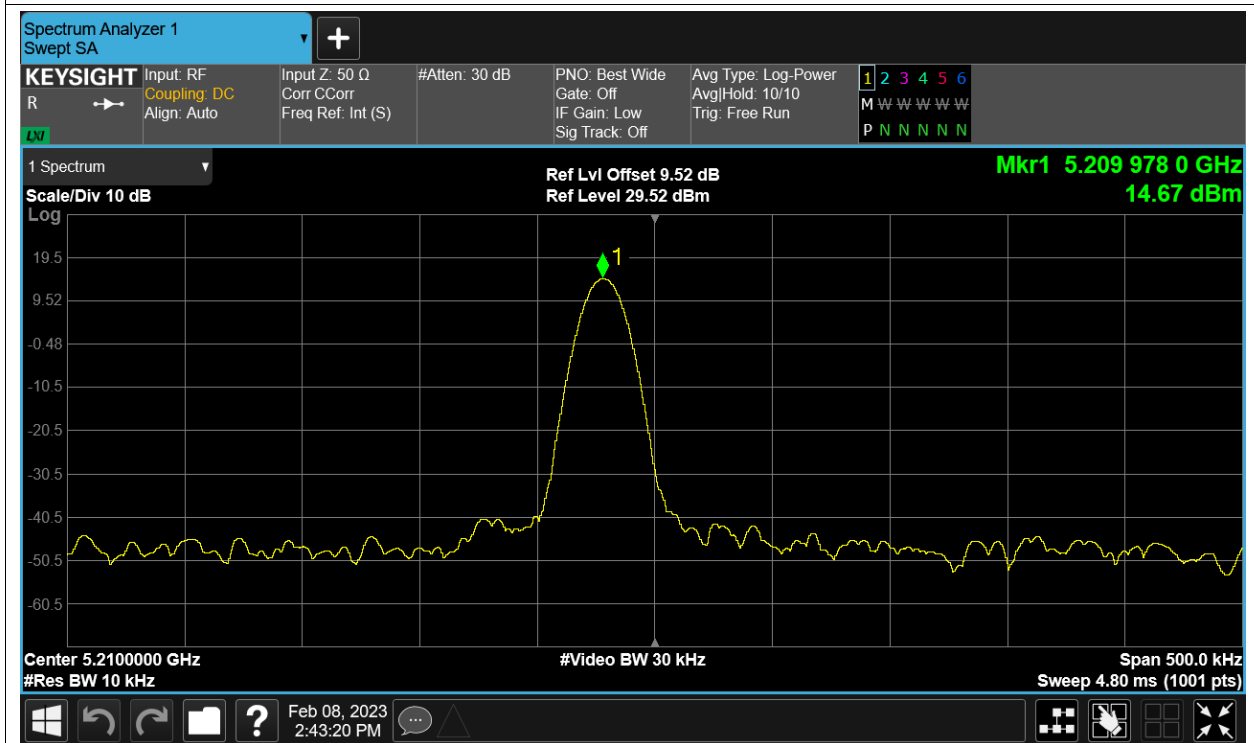
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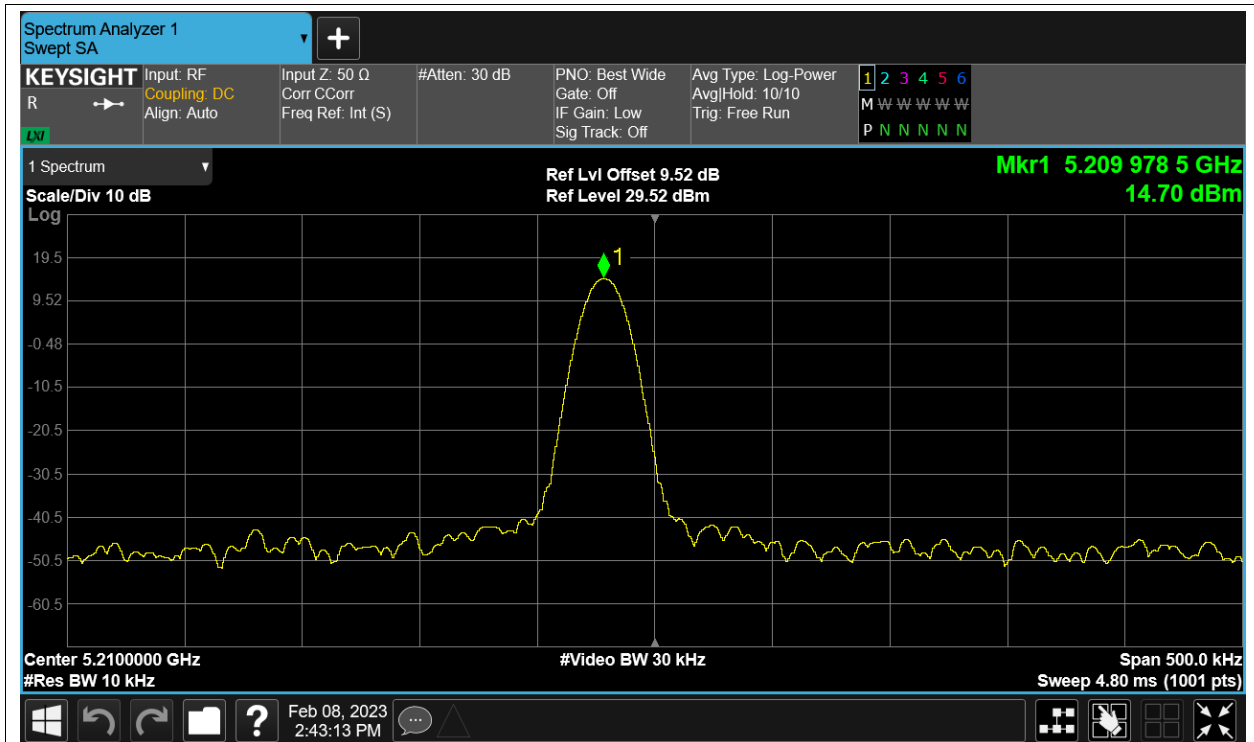
Freq. Stability NVNT ax40 5190MHz Sum



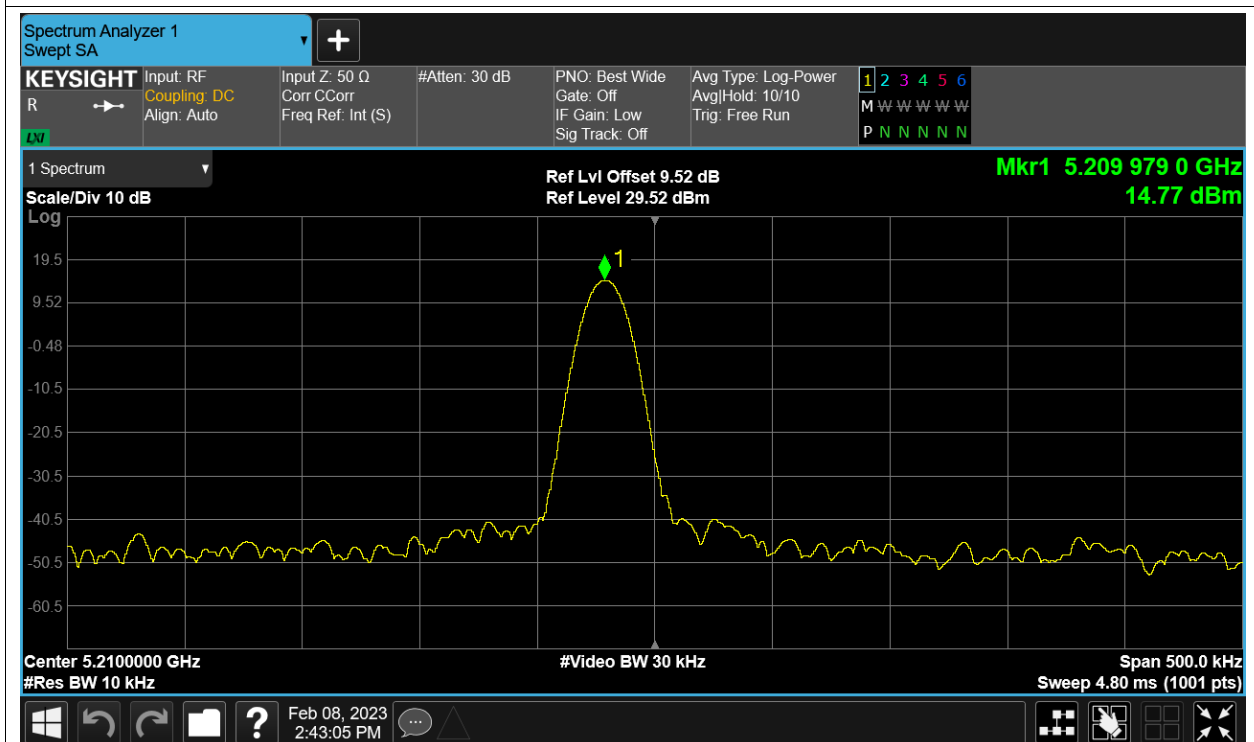
Freq. Stability HVNT ax80 5210MHz Sum



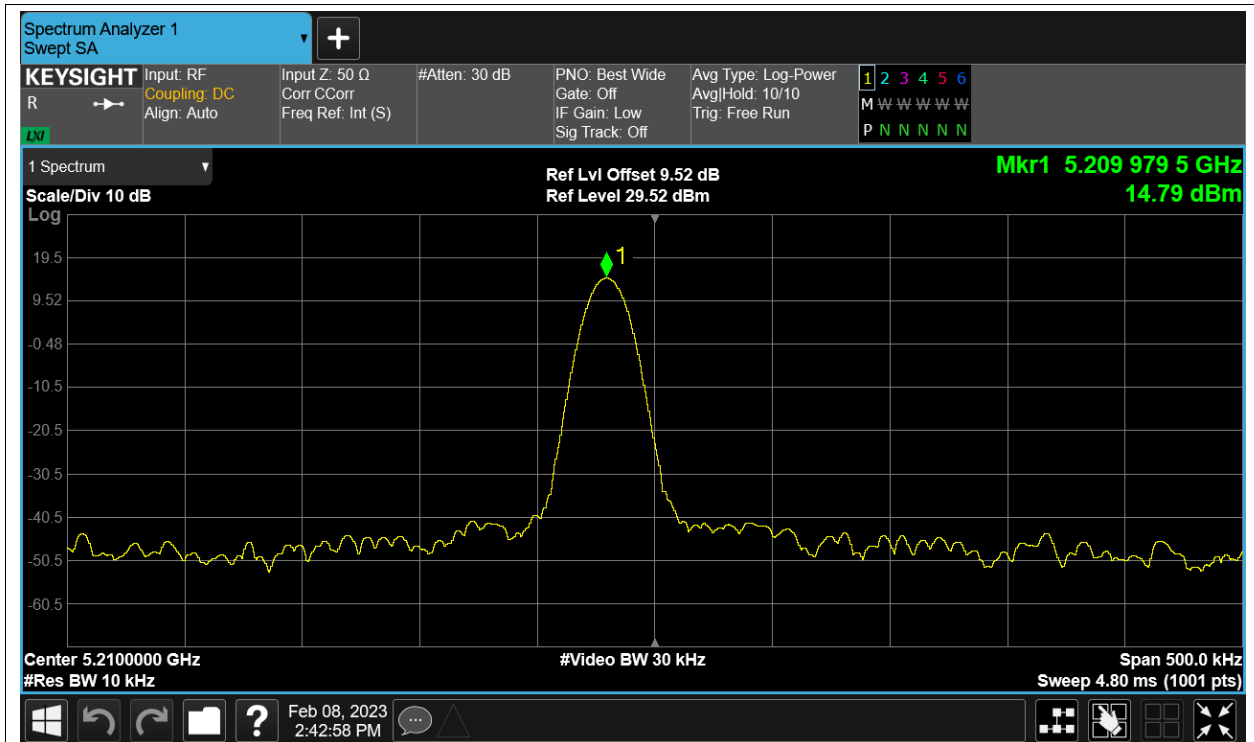
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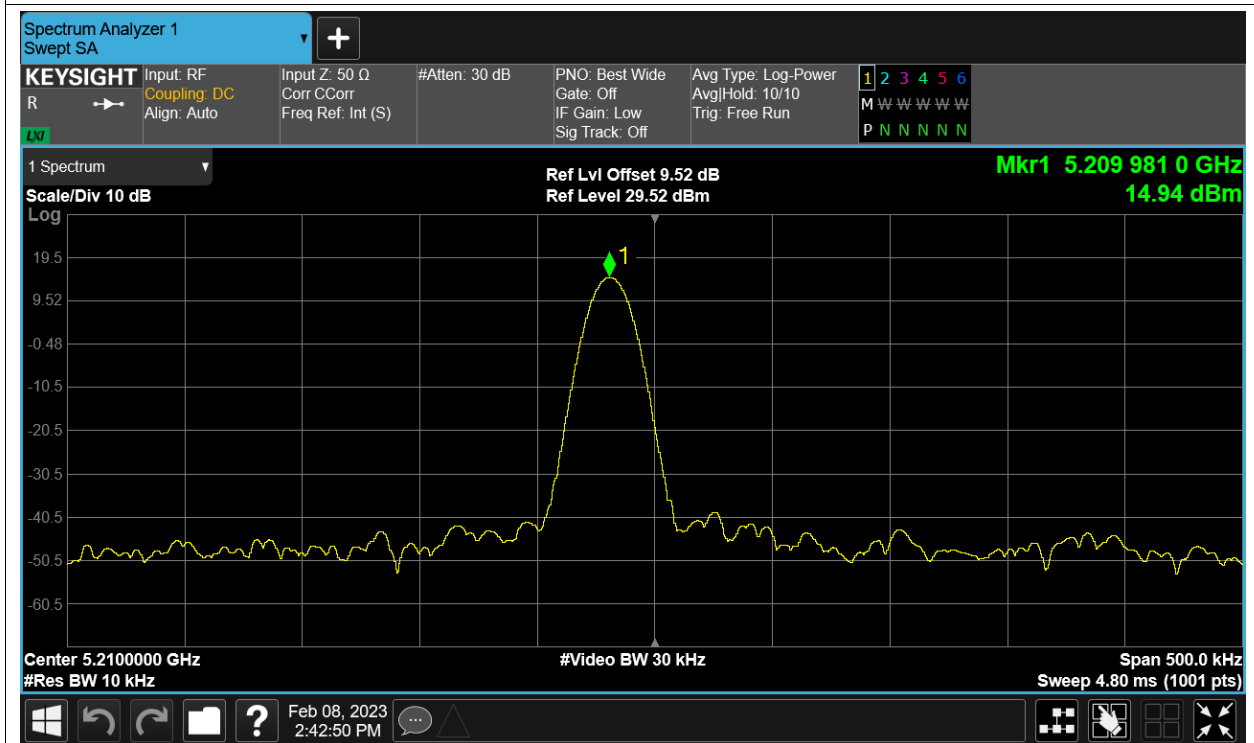
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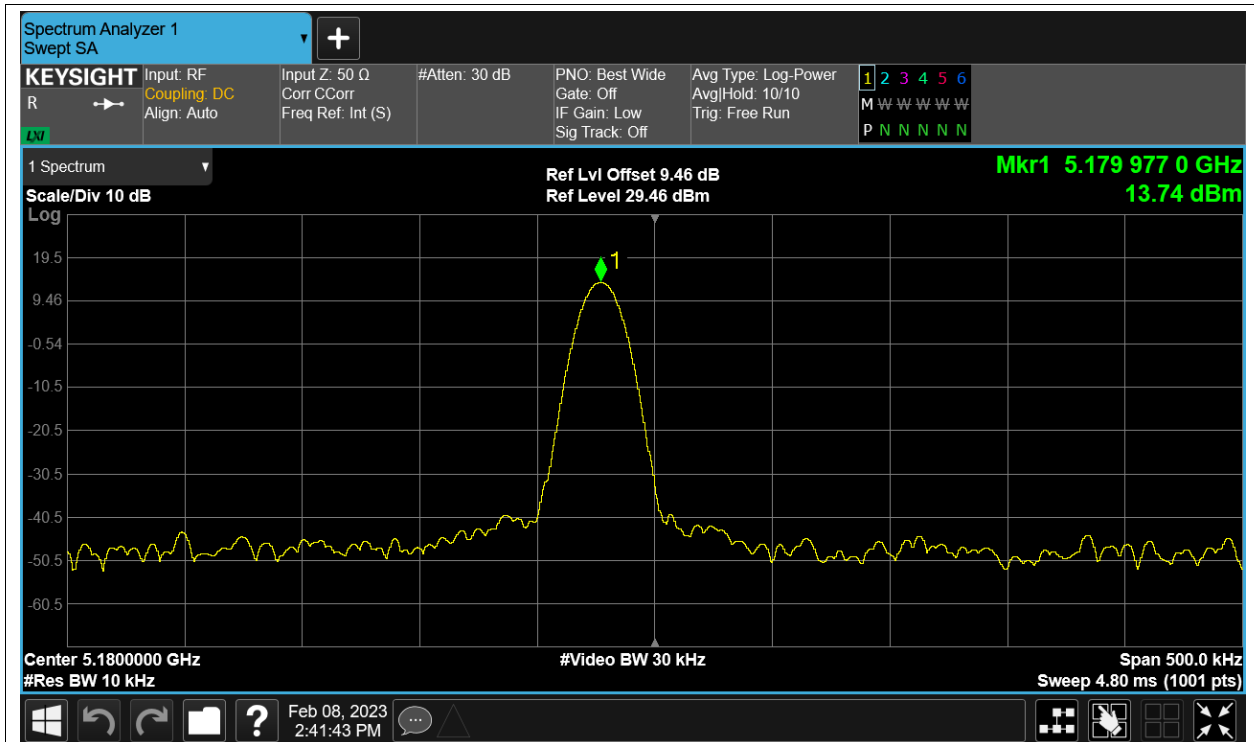
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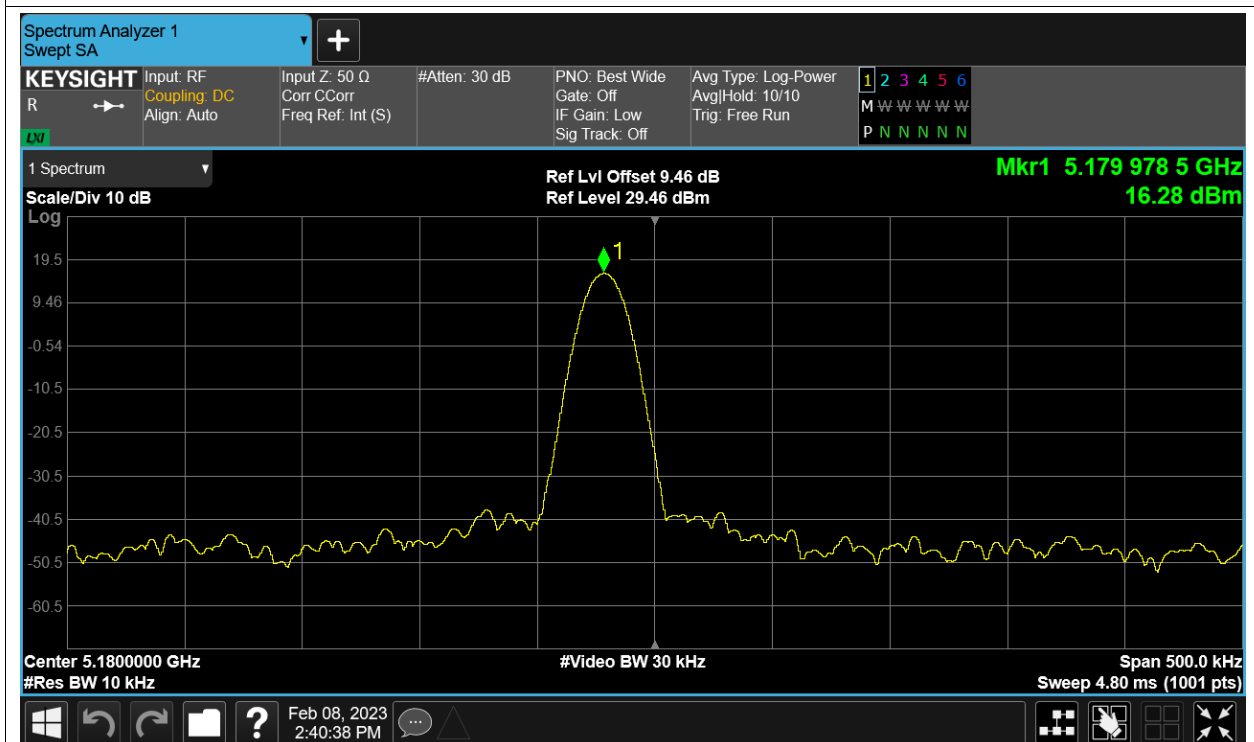
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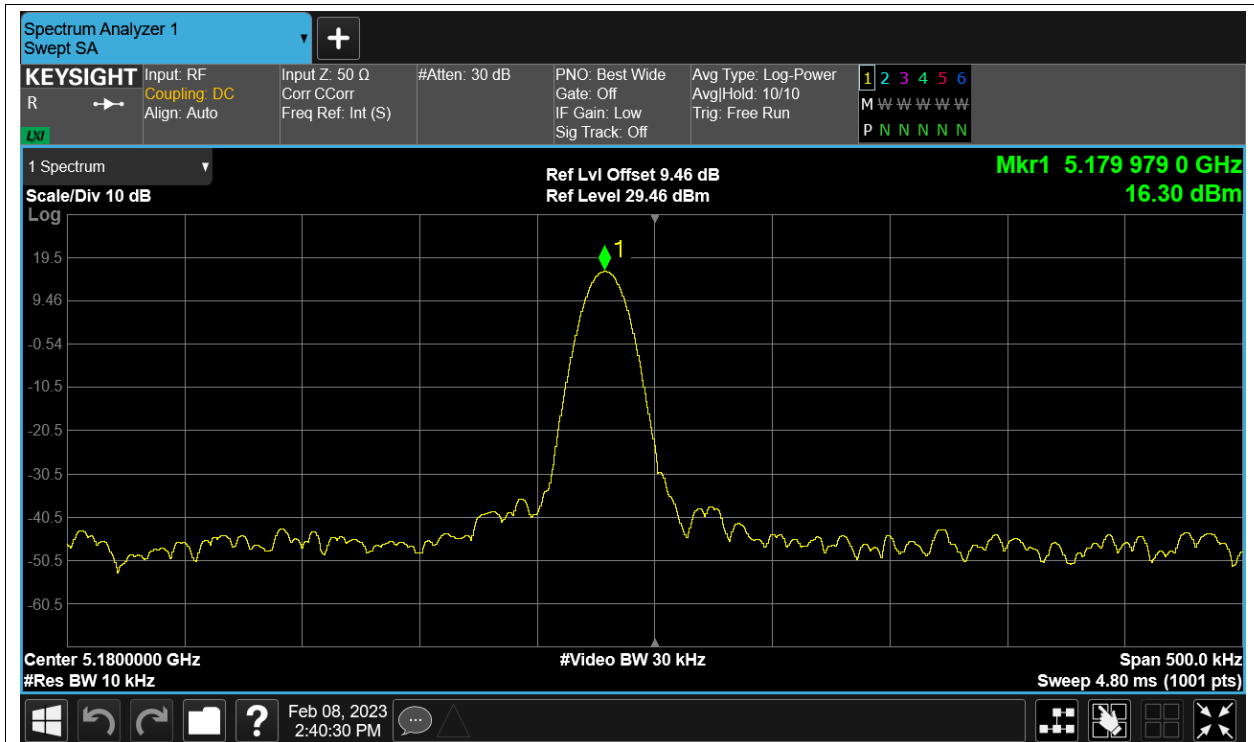
Freq. Stability HVNT n20 5180MHz Sum



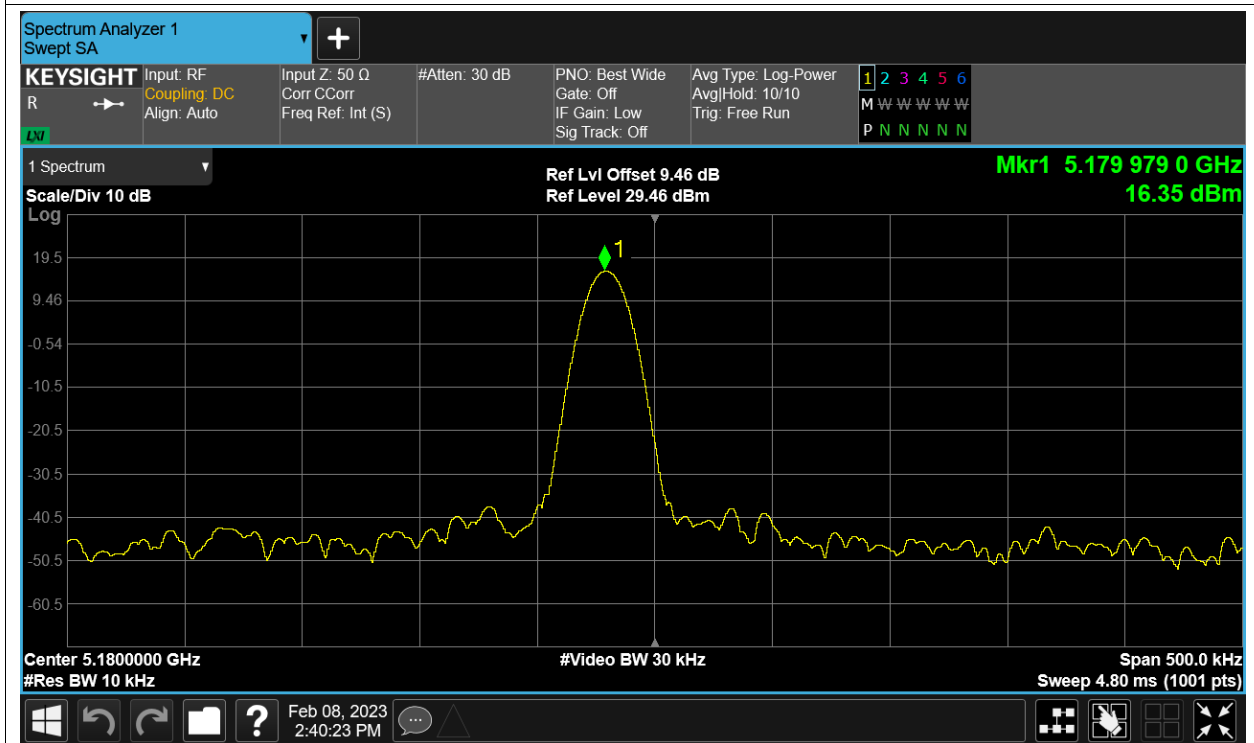
Freq. Stability LVNT n20 5180MHz Sum



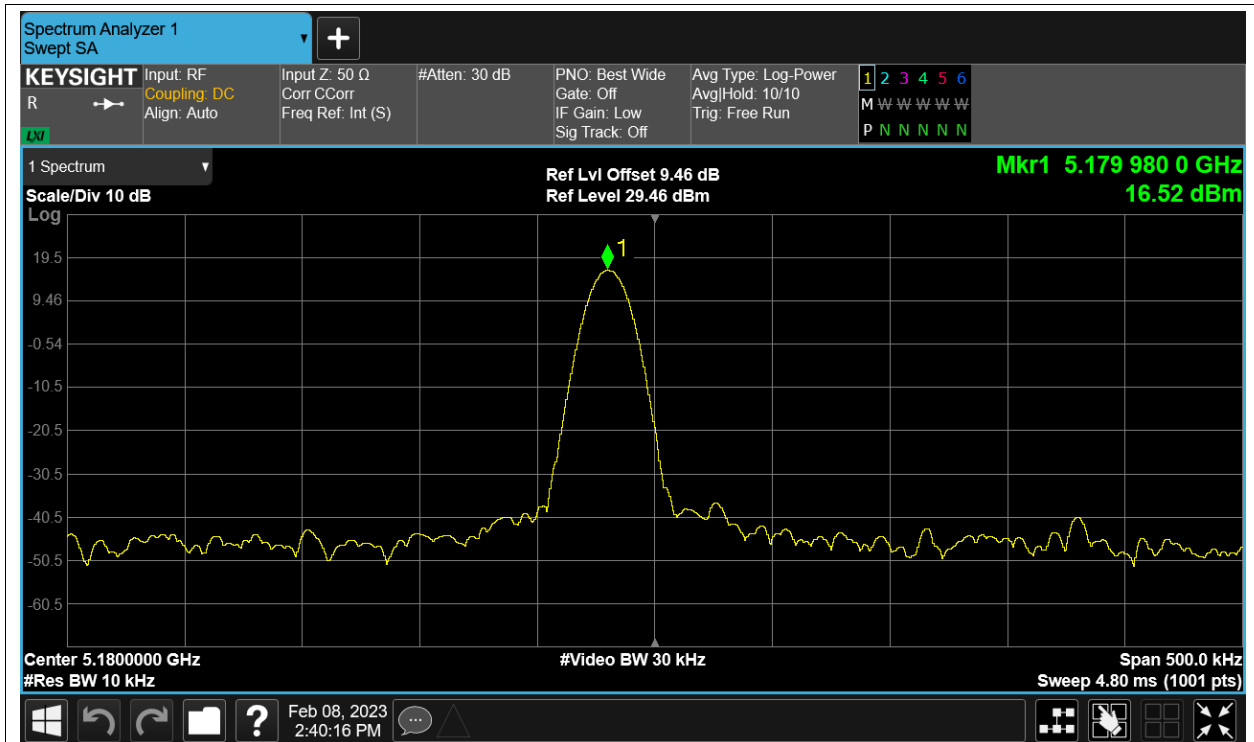
Freq. Stability NVHT n20 5180MHz Sum



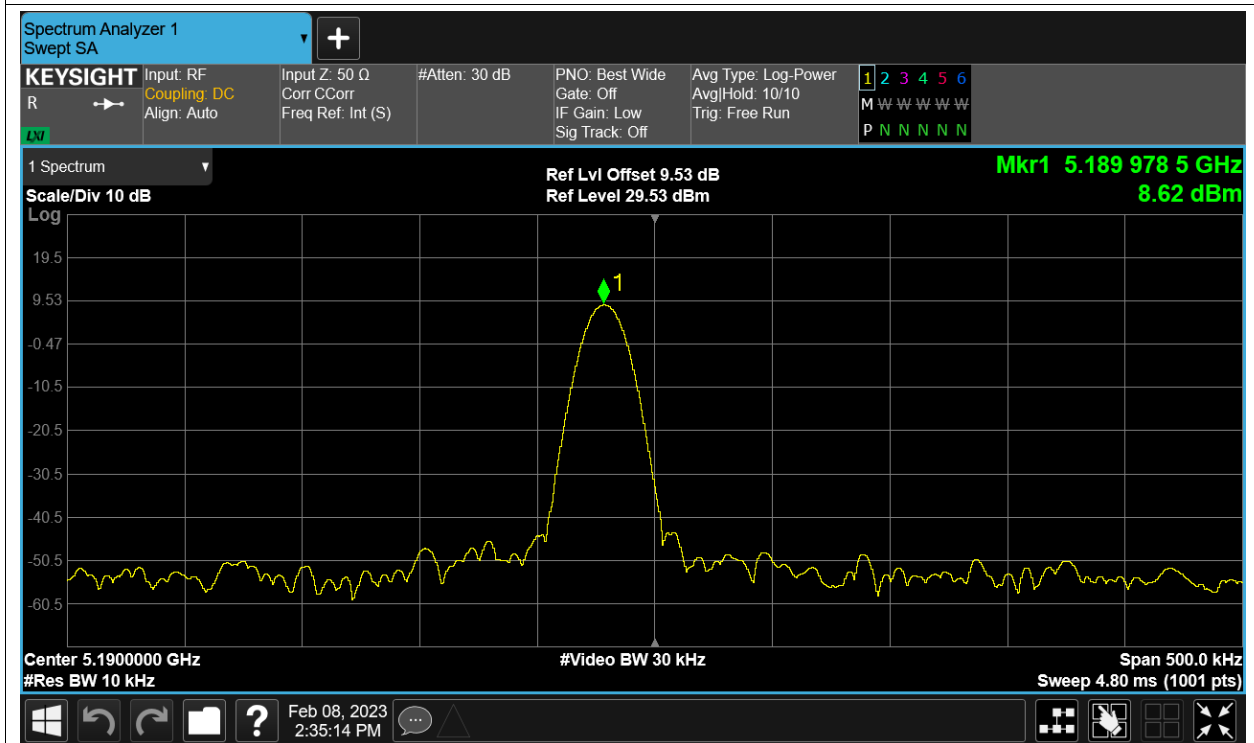
Freq. Stability NVLT n20 5180MHz Sum



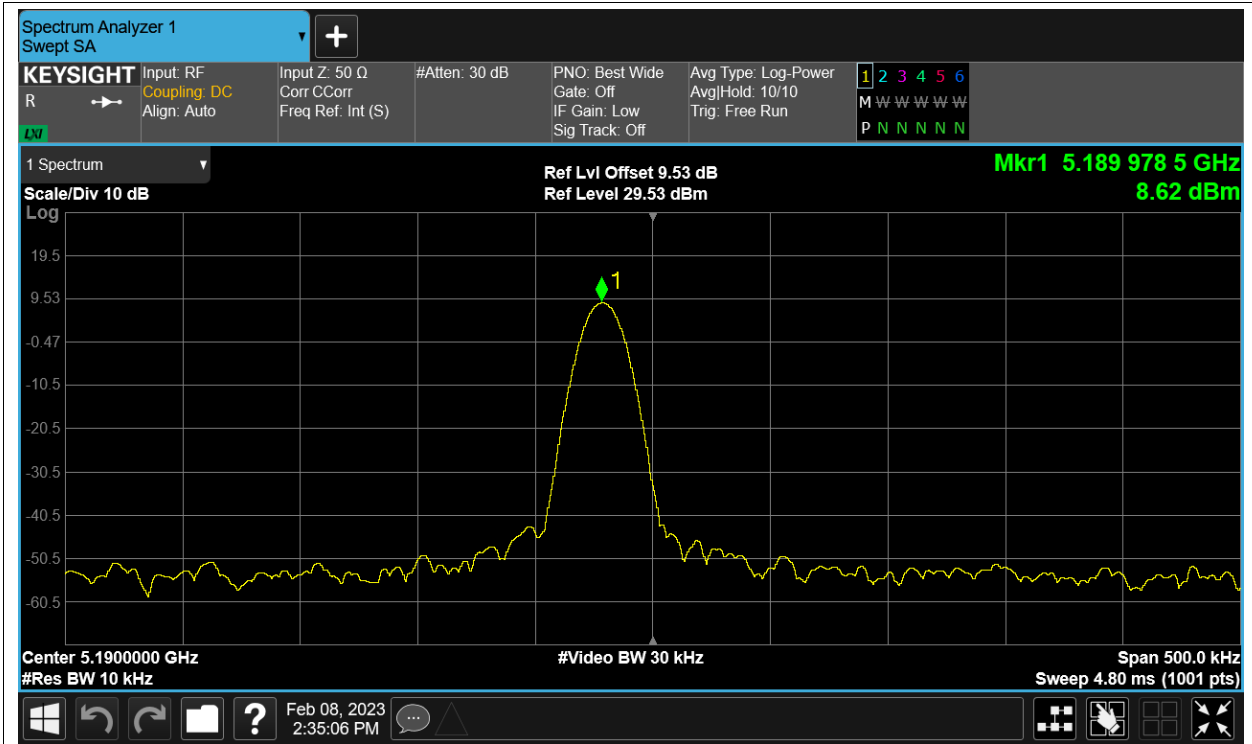
Freq. Stability NVNT n20 5180MHz Sum



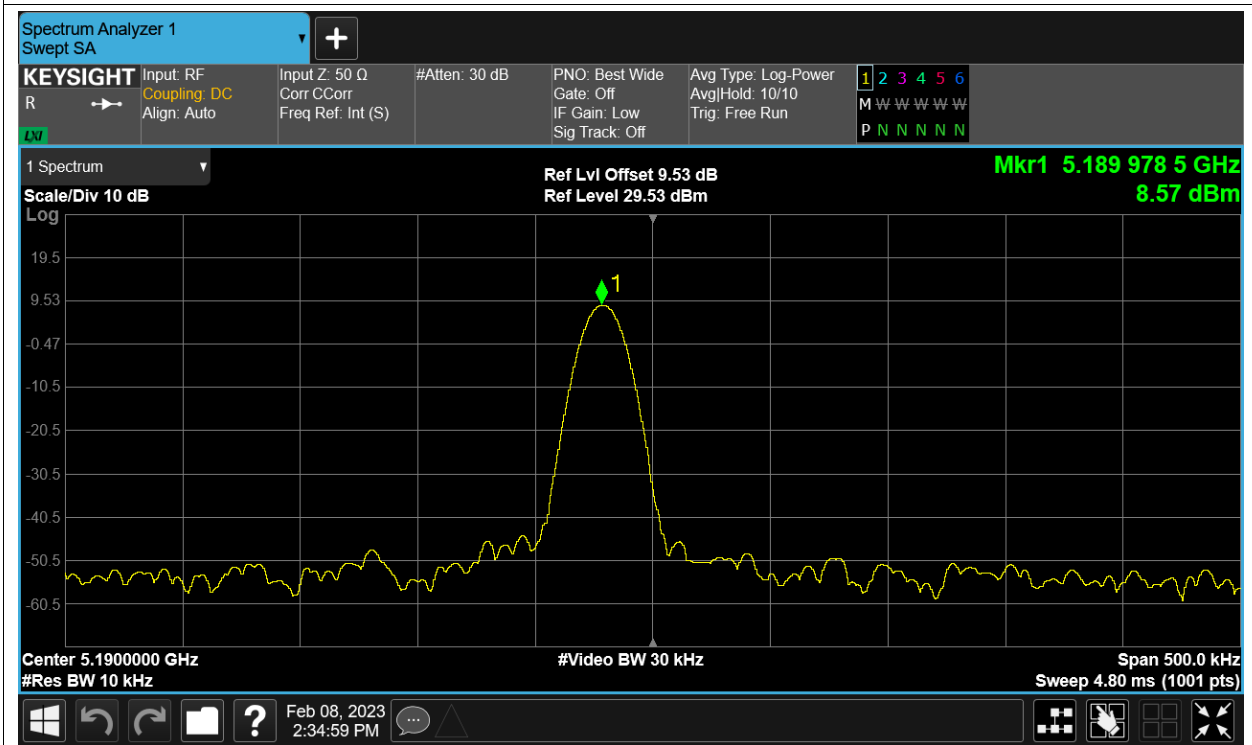
Freq. Stability HVNT n40 5190MHz Sum



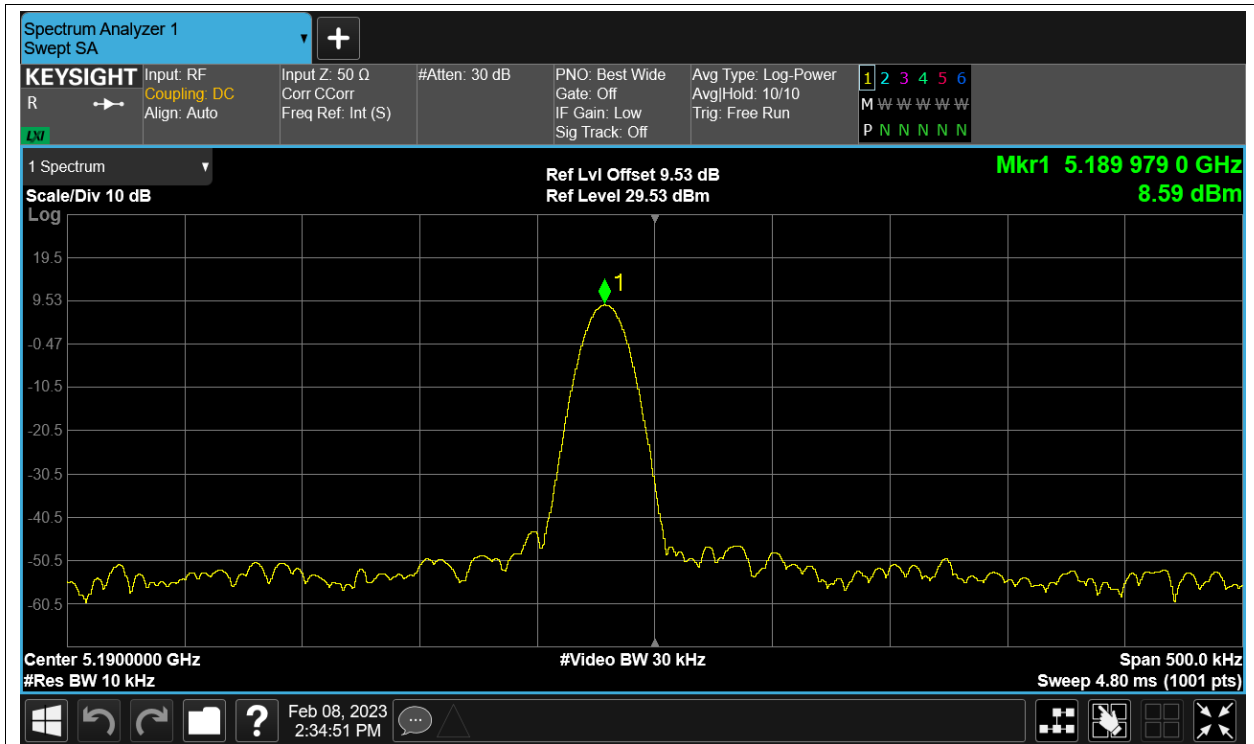
Freq. Stability LVNT n40 5190MHz Sum



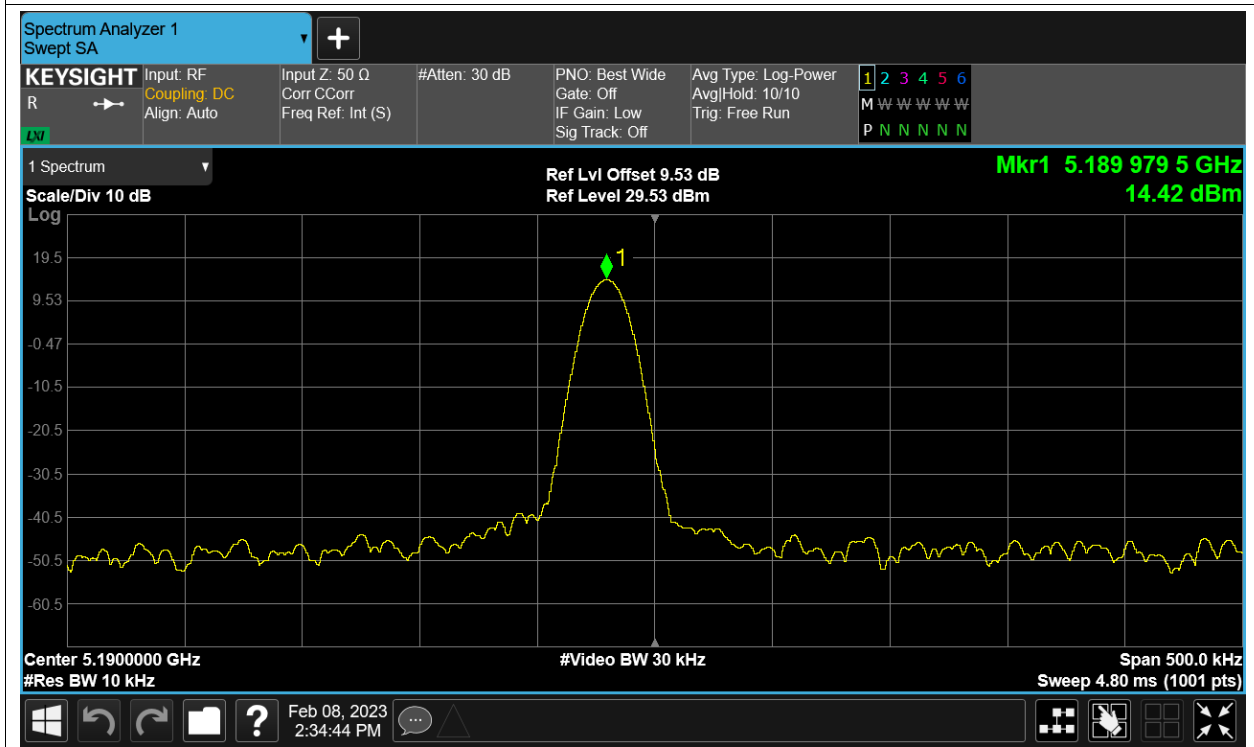
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



Freq. Stability NVNT n40 5190MHz Sum

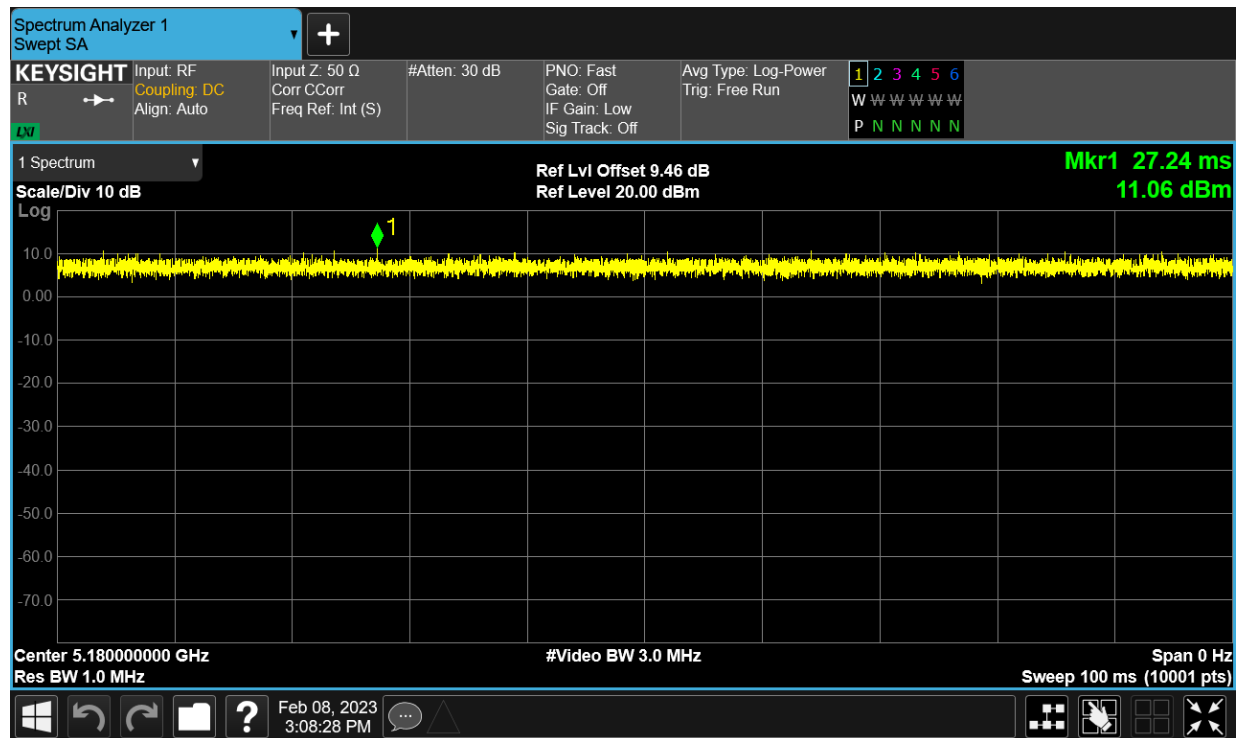


Duty Cycle

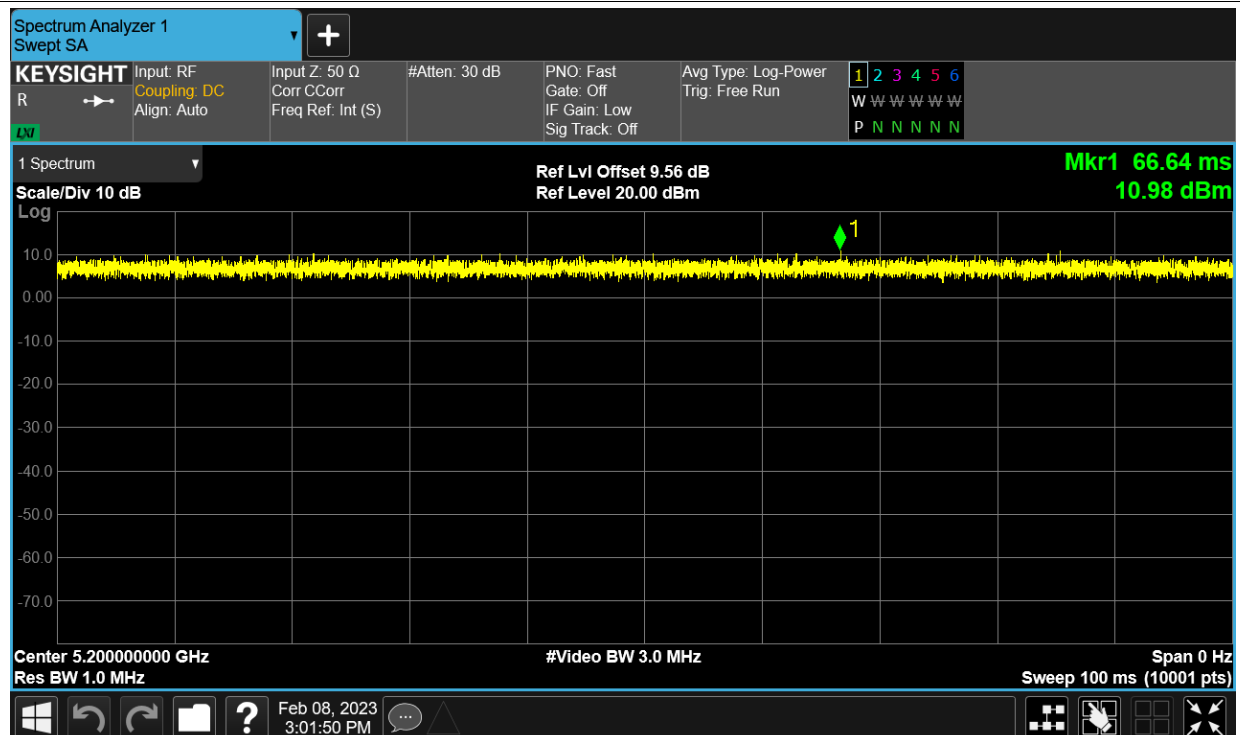
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant2	100	0
NVNT	a	5200	Ant2	100	0
NVNT	a	5240	Ant2	100	0
NVNT	a	5180	Ant4	100	0
NVNT	a	5200	Ant4	100	0
NVNT	a	5240	Ant4	100	0
NVNT	ac20	5180	Sum	100	0
NVNT	ac20	5200	Sum	100	0
NVNT	ac20	5240	Sum	100	0
NVNT	ac40	5190	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

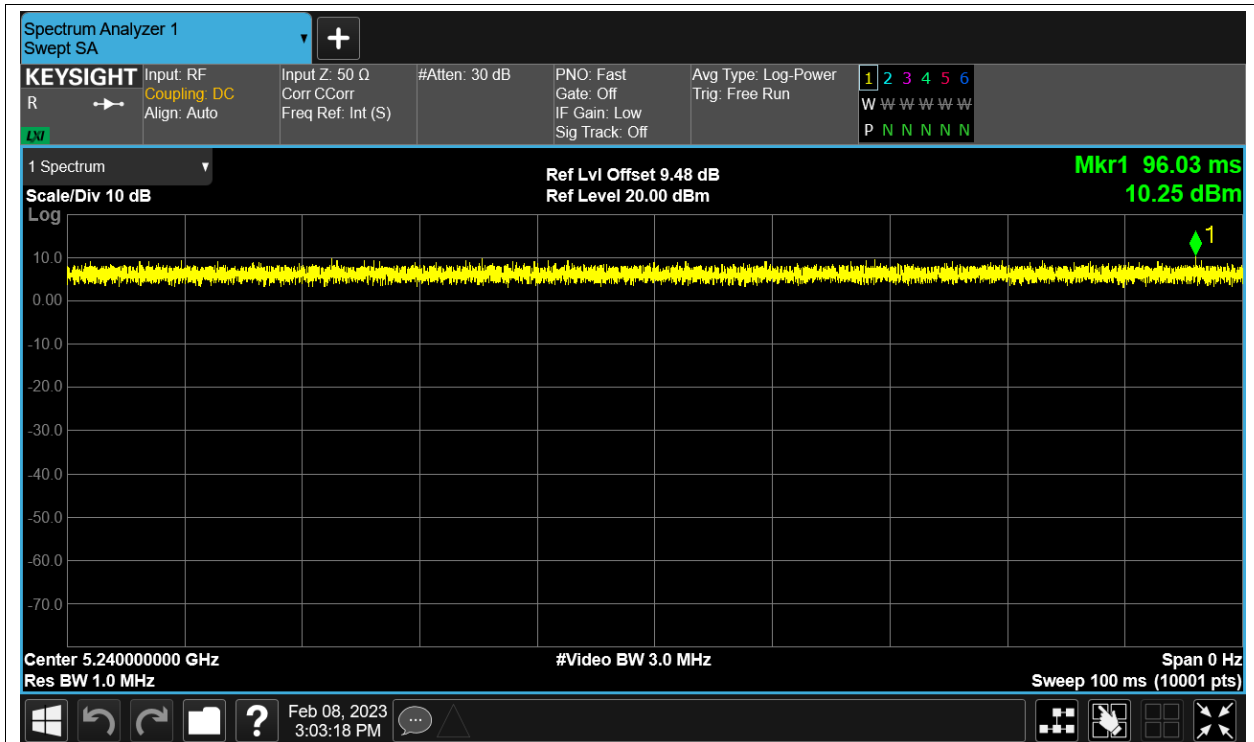
Duty Cycle NVNT a 5180MHz Ant2



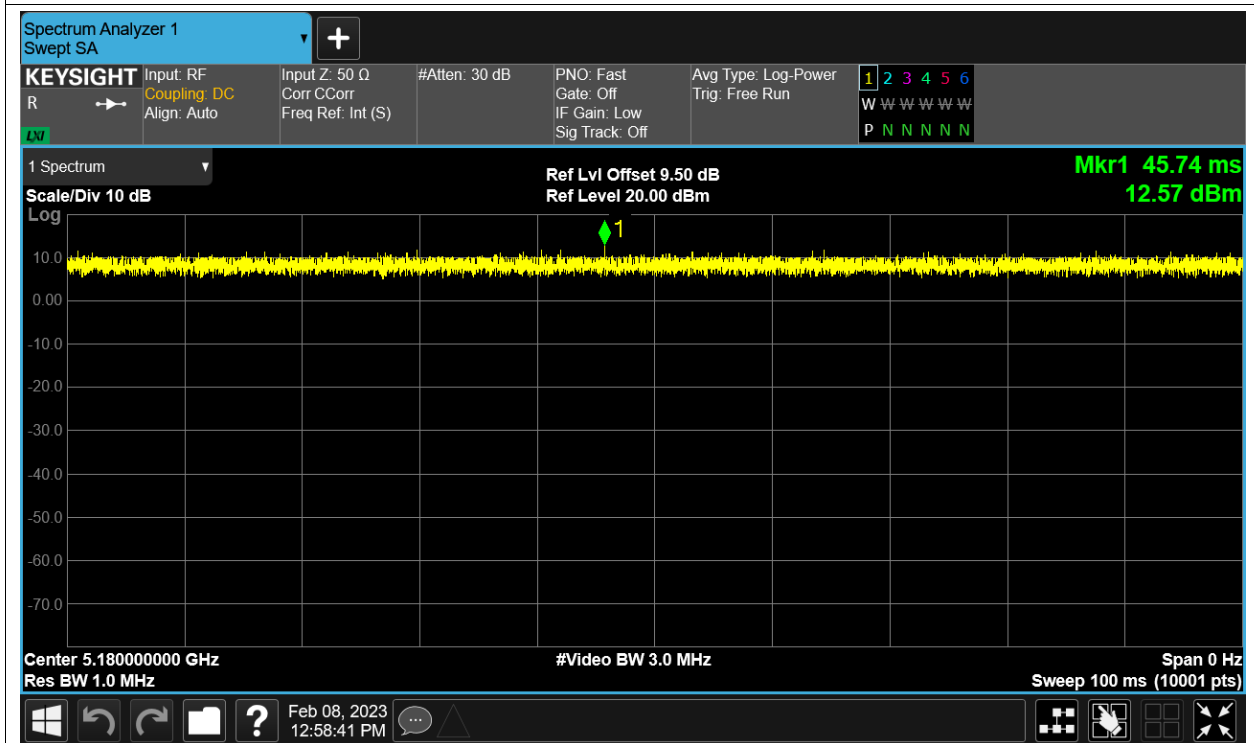
Duty Cycle NVNT a 5200MHz Ant2



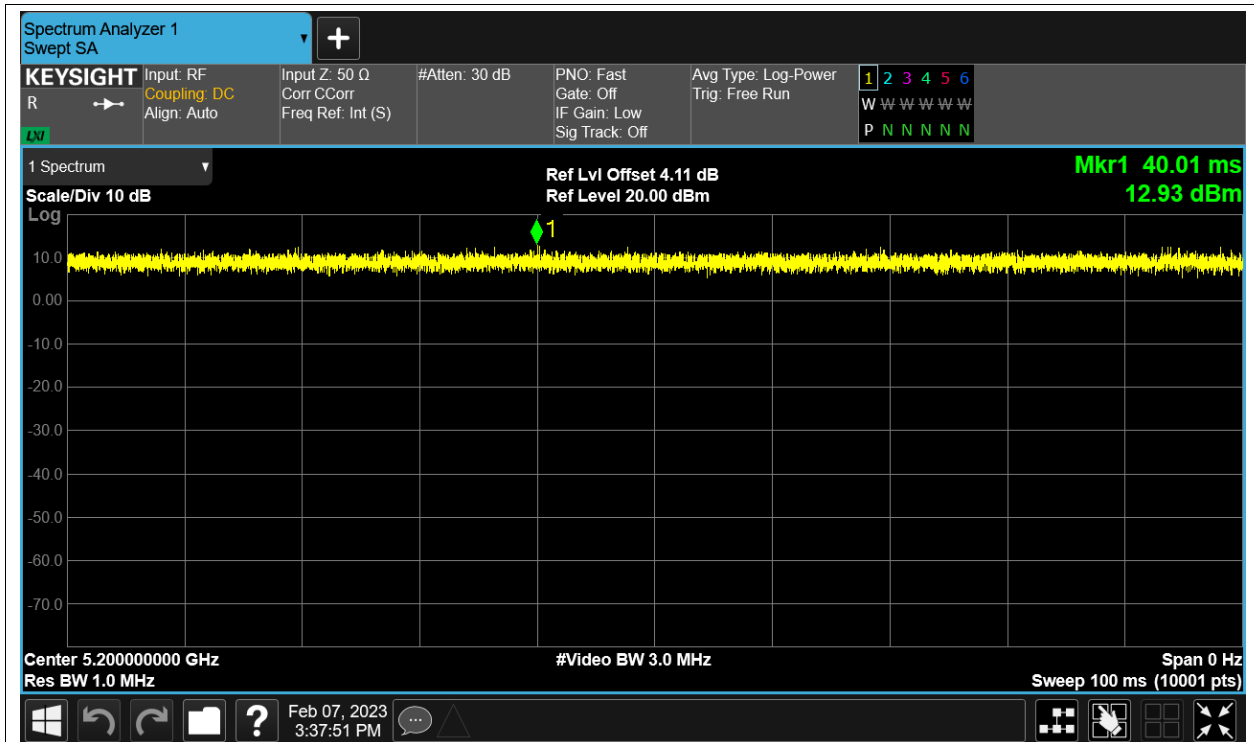
Duty Cycle NVNT a 5240MHz Ant2



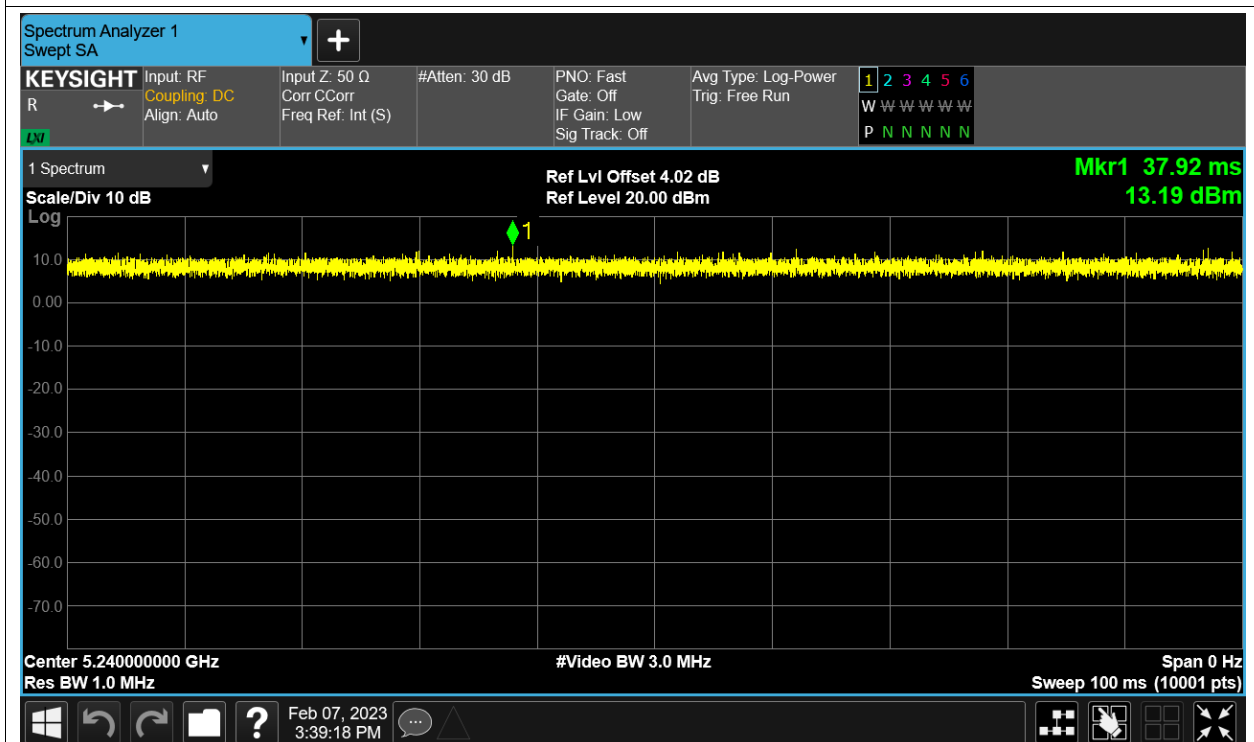
Duty Cycle NVNT a 5180MHz Ant4



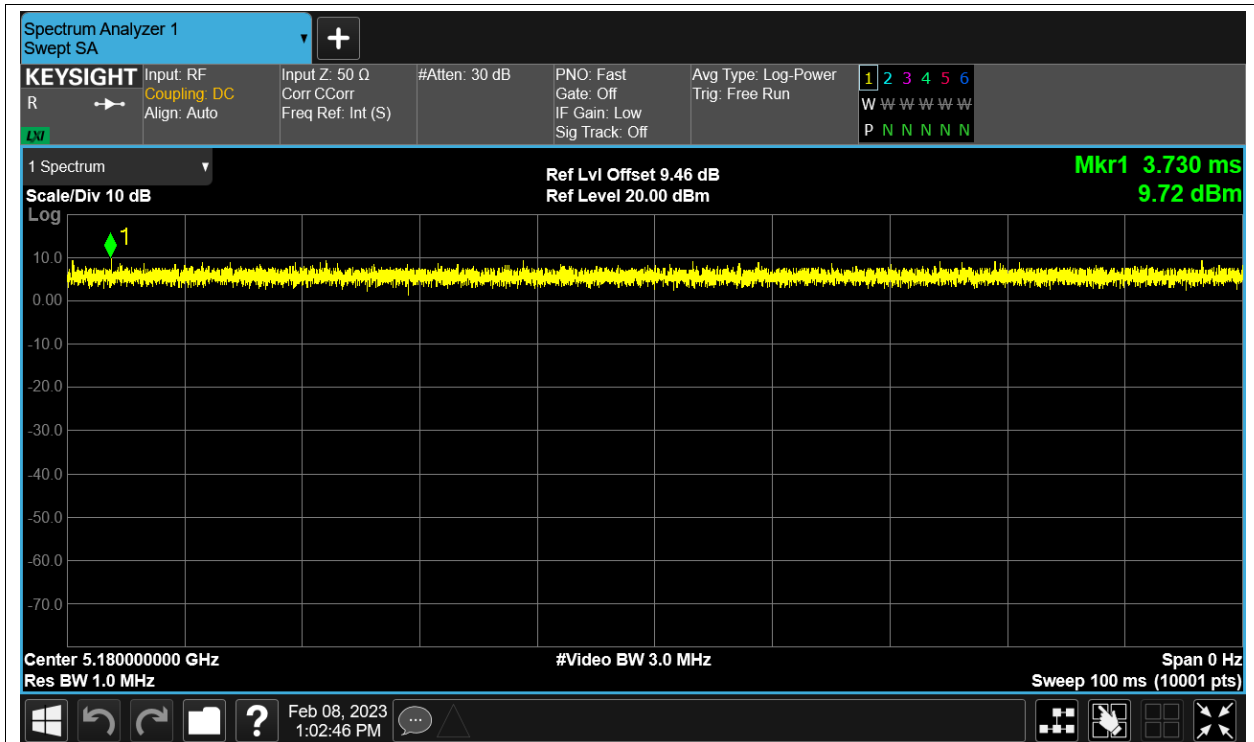
Duty Cycle NVNT a 5200MHz Ant4



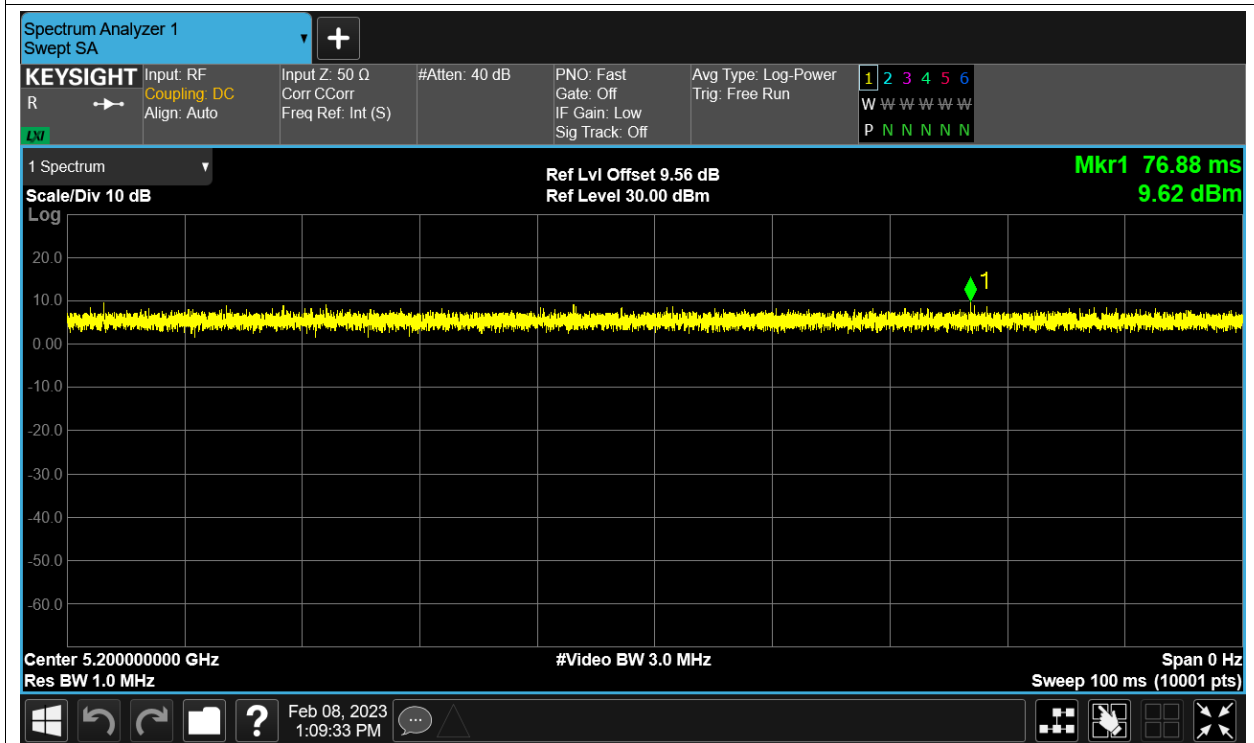
Duty Cycle NVNT a 5240MHz Ant4



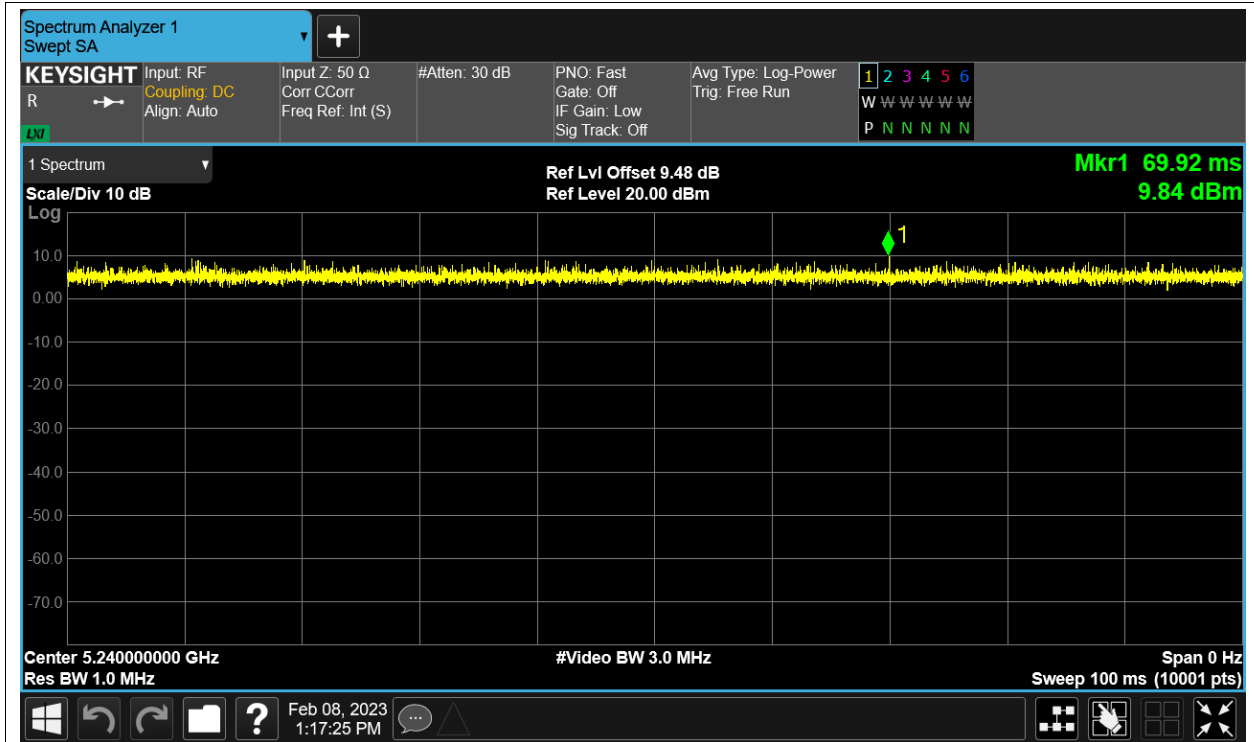
Duty Cycle NVNT ac20 5180MHz Sum



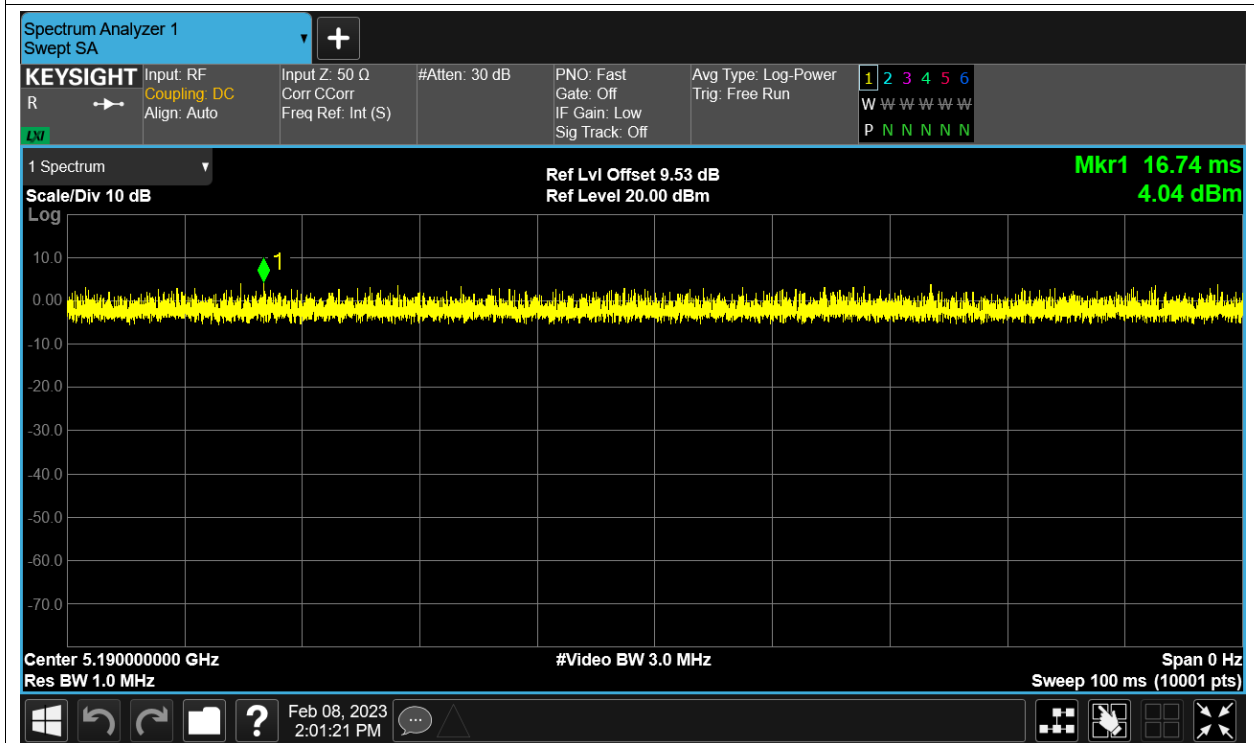
Duty Cycle NVNT ac20 5200MHz Sum



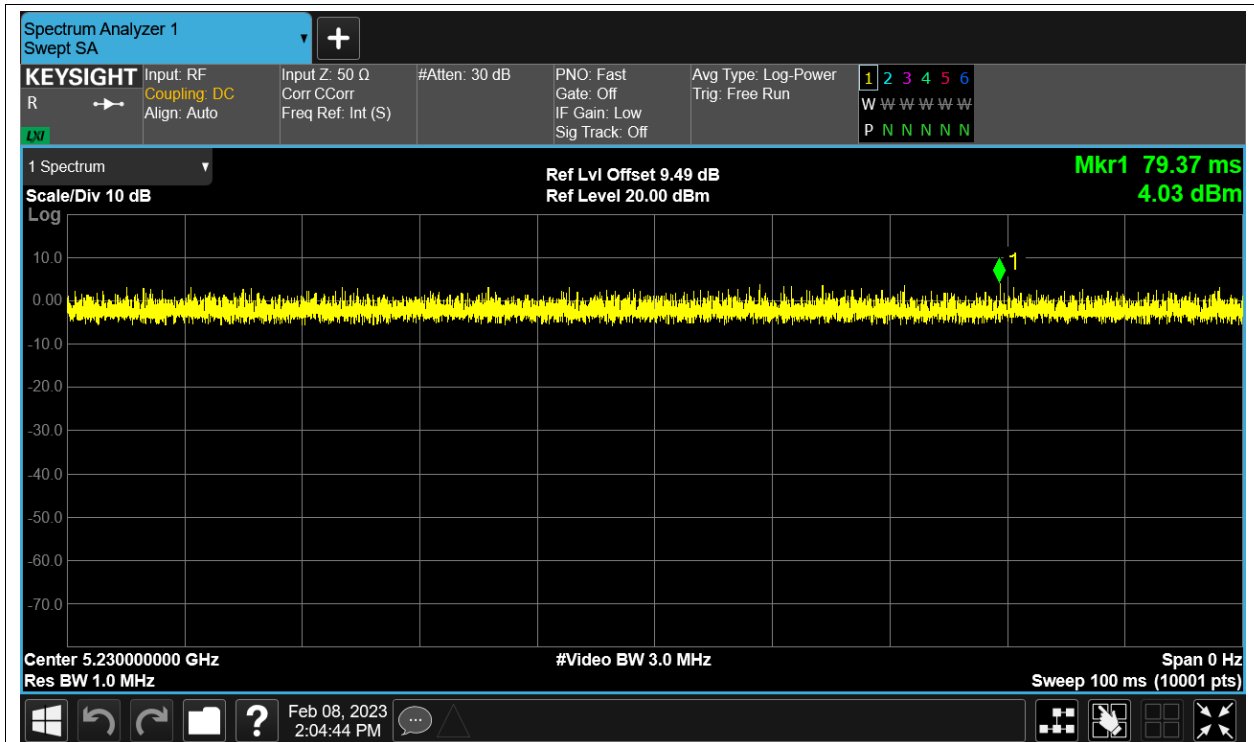
Duty Cycle NVNT ac20 5240MHz Sum



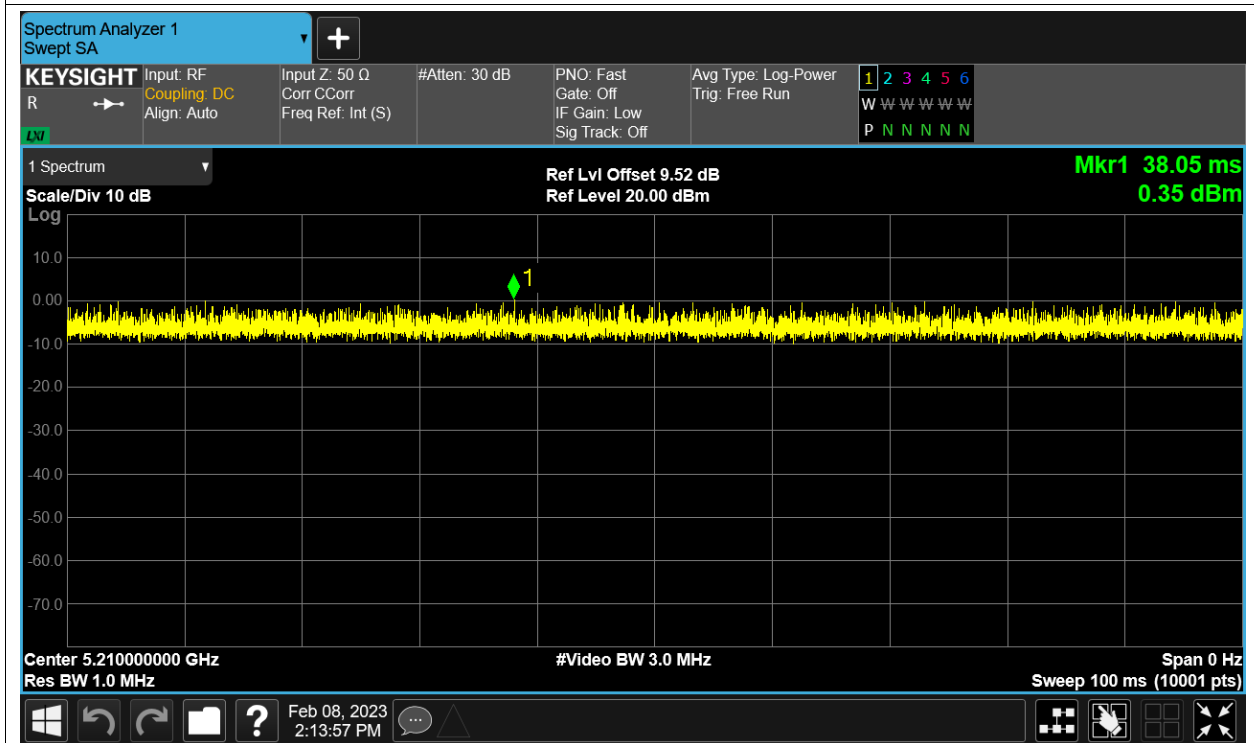
Duty Cycle NVNT ac40 5190MHz Sum



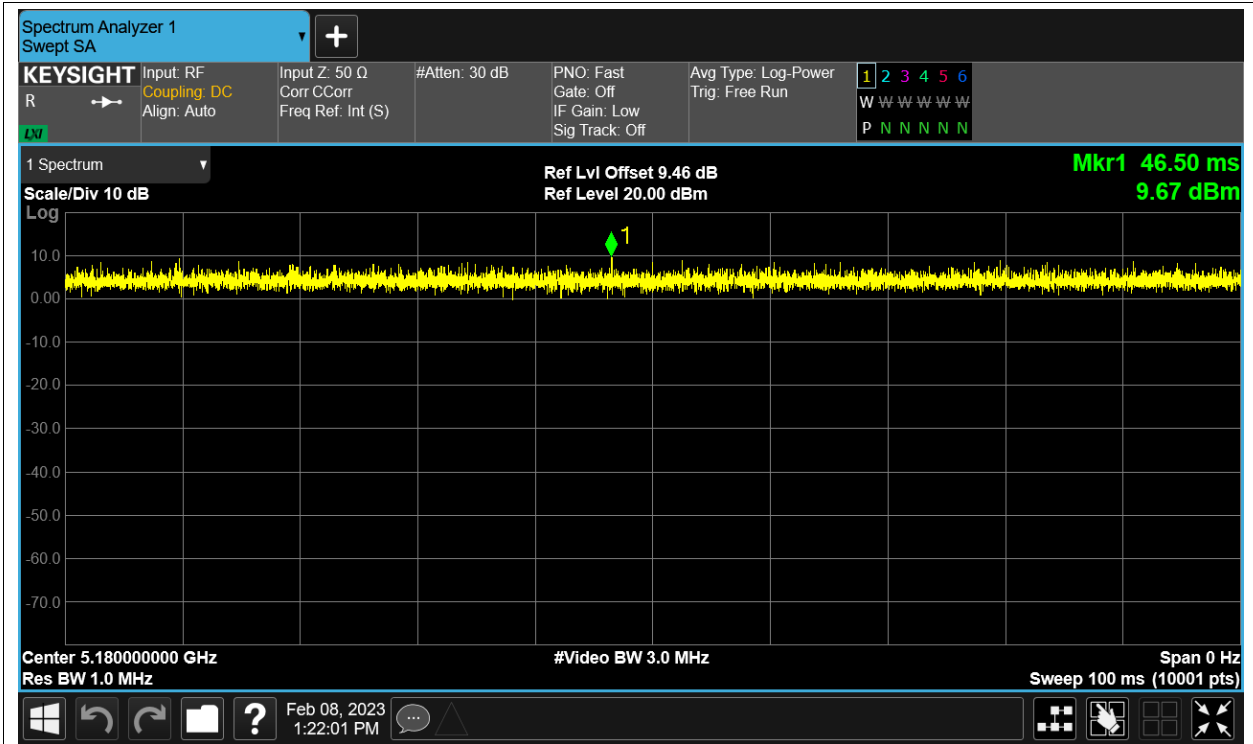
Duty Cycle NVNT ac40 5230MHz Sum



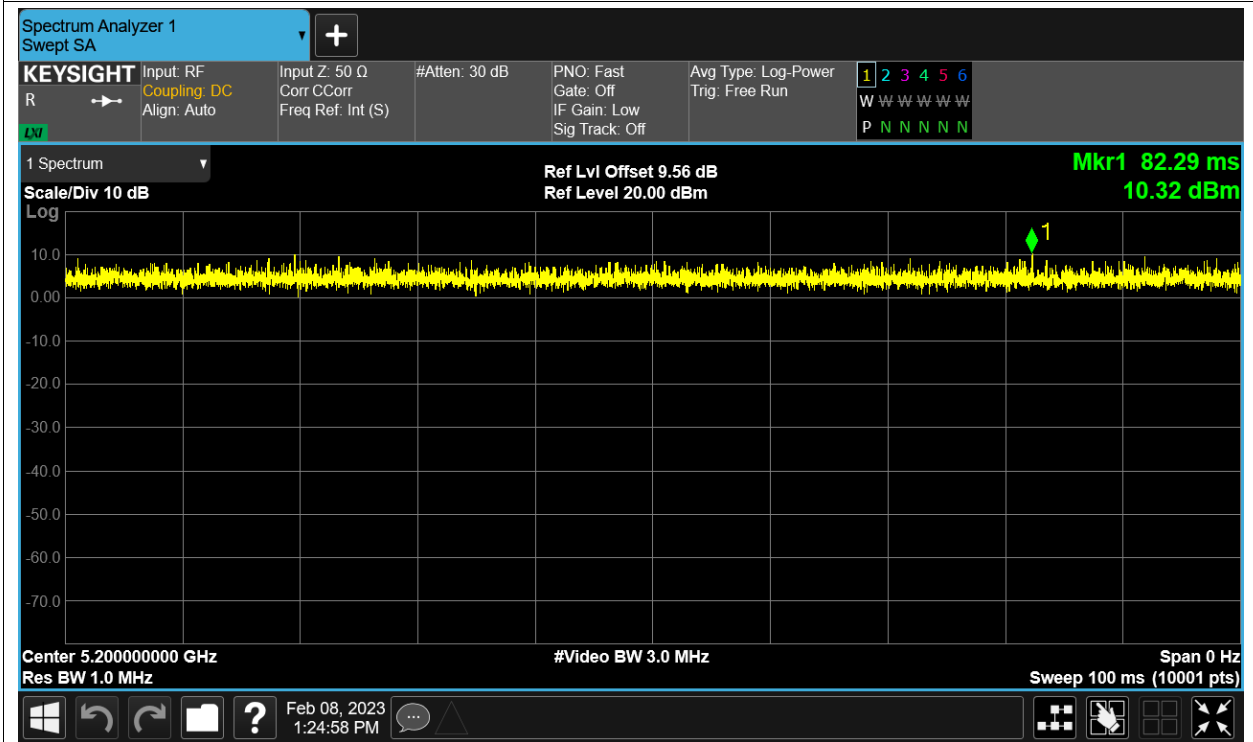
Duty Cycle NVNT ac80 5210MHz Sum



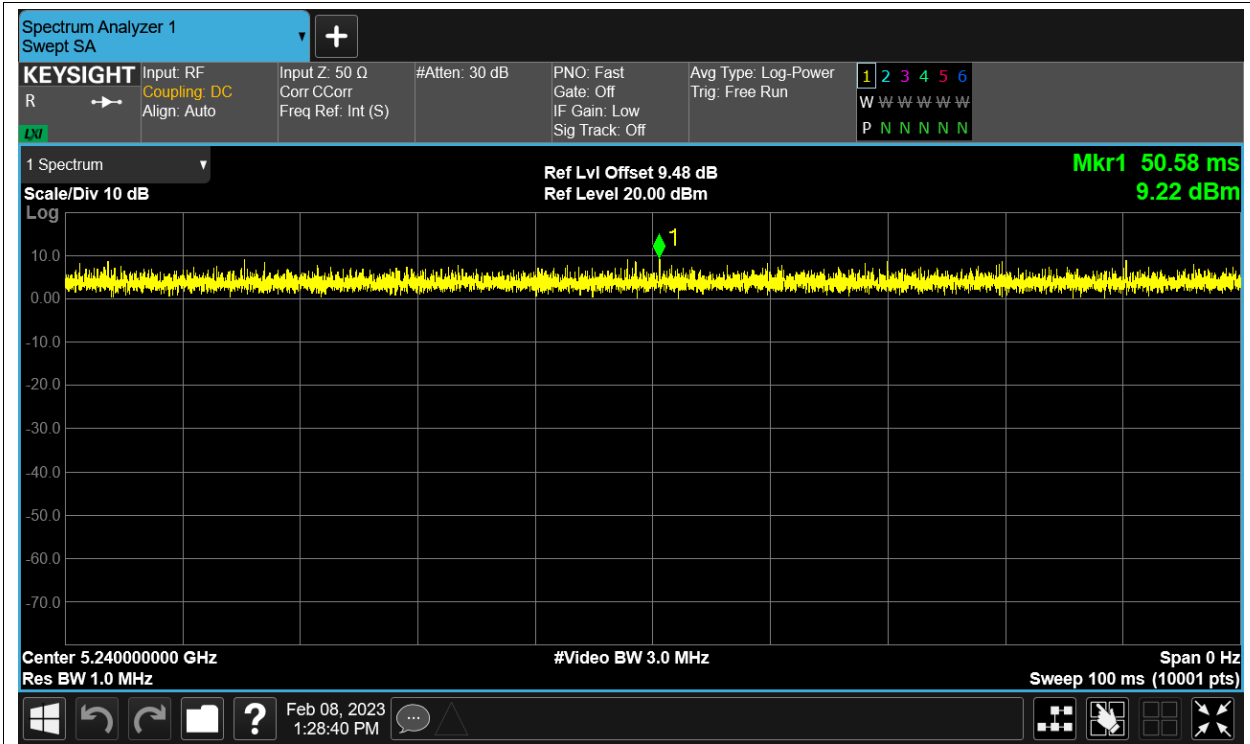
Duty Cycle NVNT ax20 5180MHz Sum



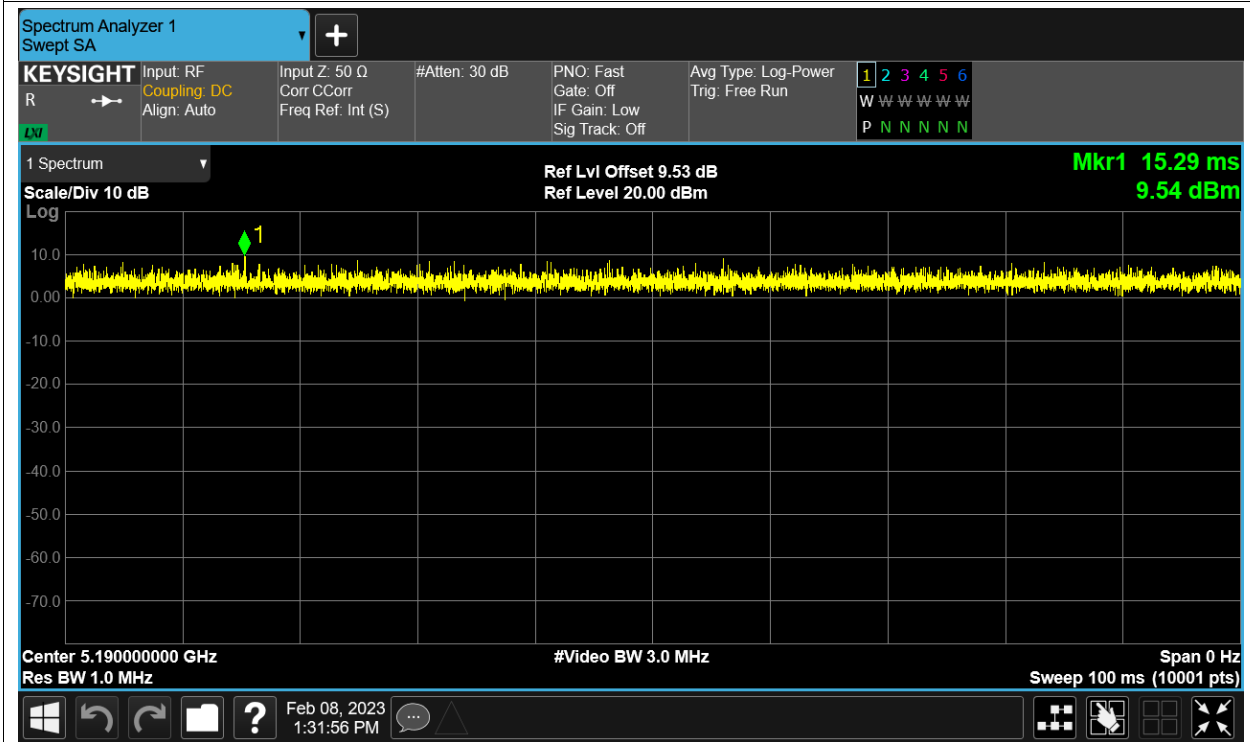
Duty Cycle NVNT ax20 5200MHz Sum



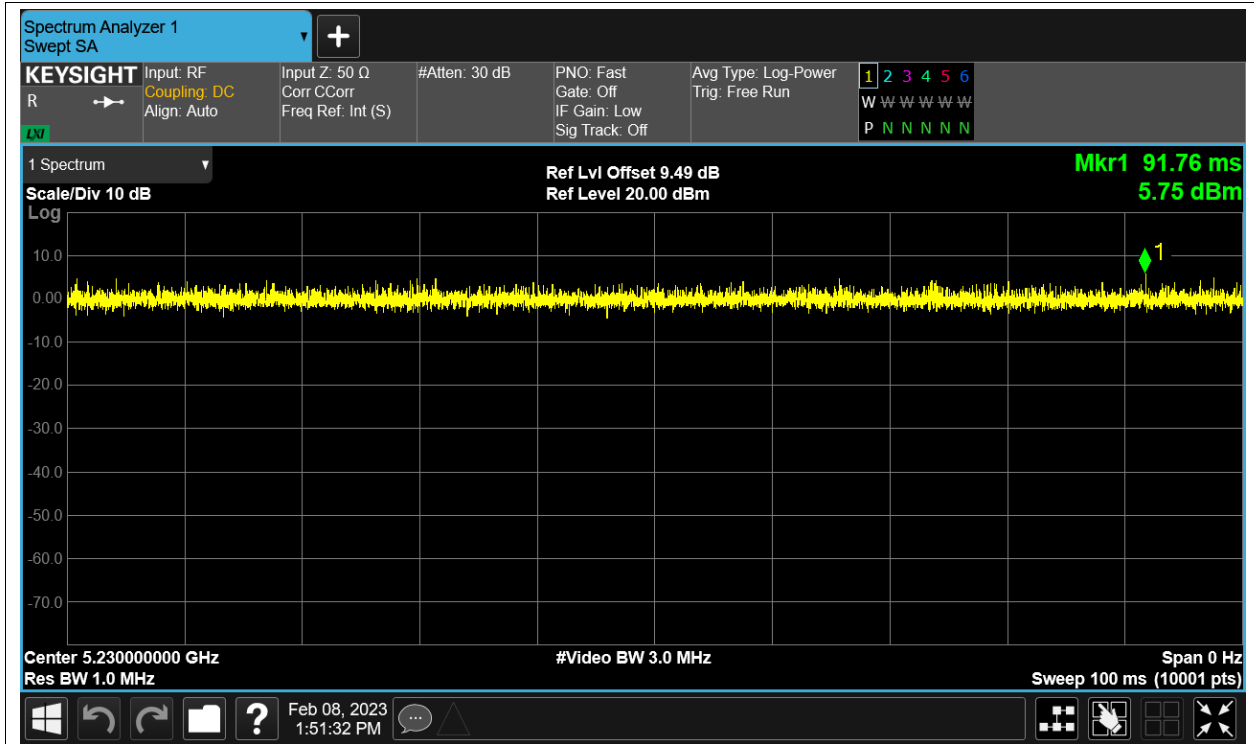
Duty Cycle NVNT ax20 5240MHz Sum



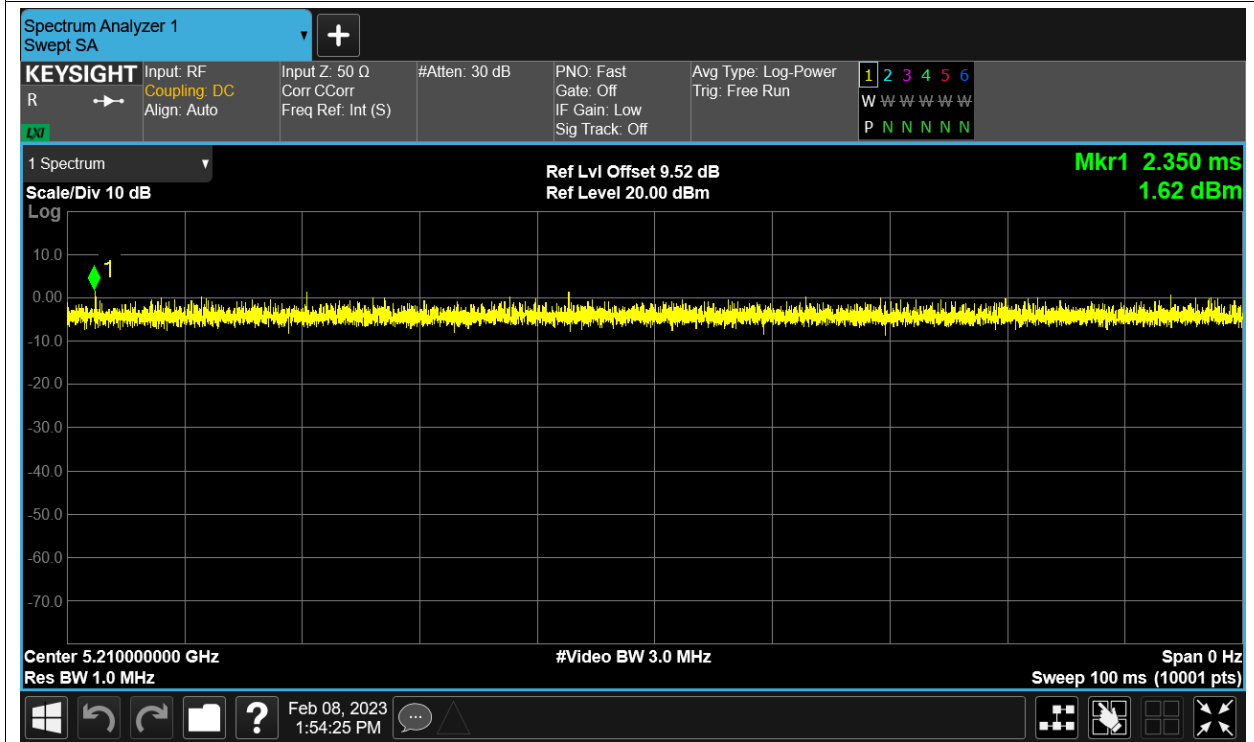
Duty Cycle NVNT ax40 5190MHz Sum



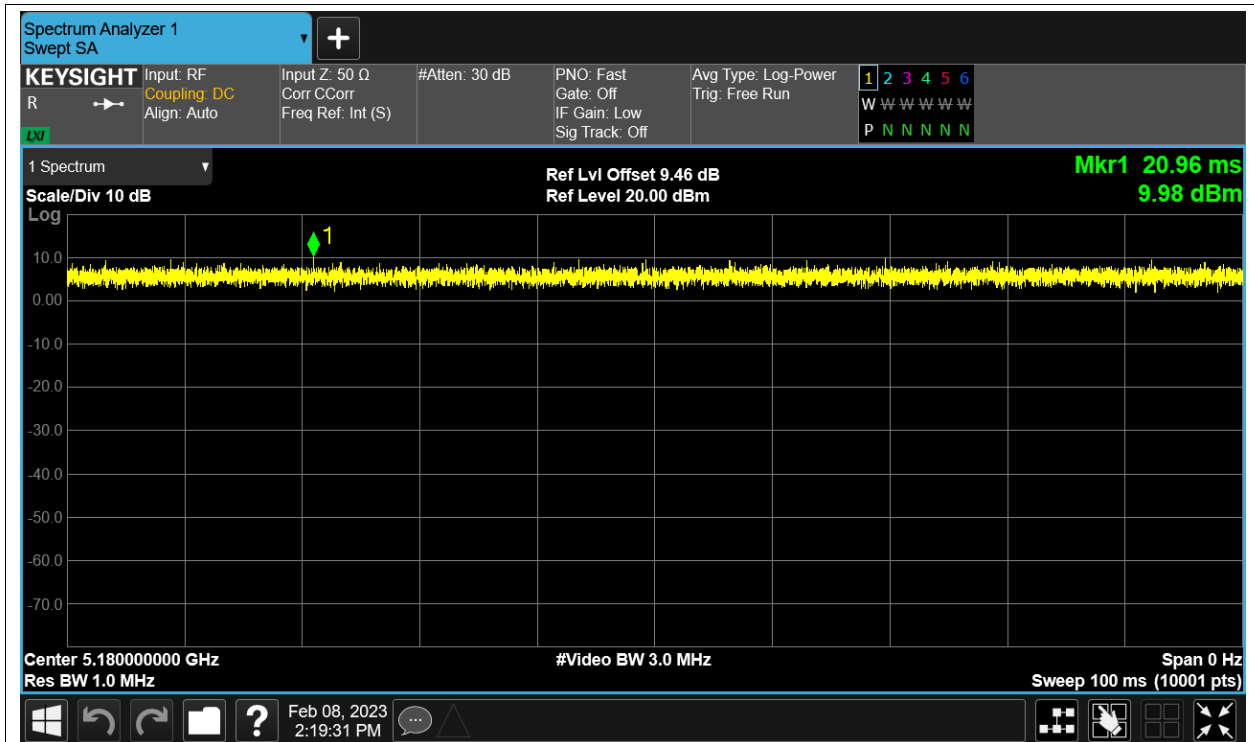
Duty Cycle NVNT ax40 5230MHz Sum



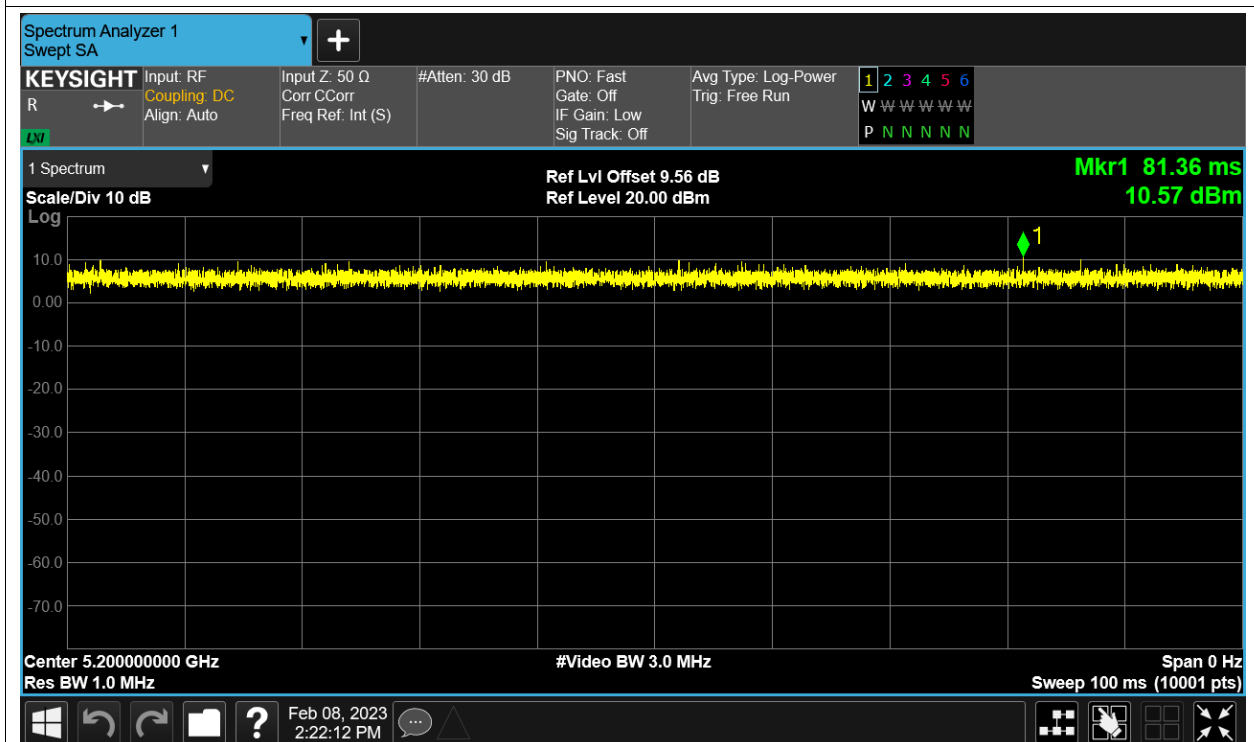
Duty Cycle NVNT ax80 5210MHz Sum



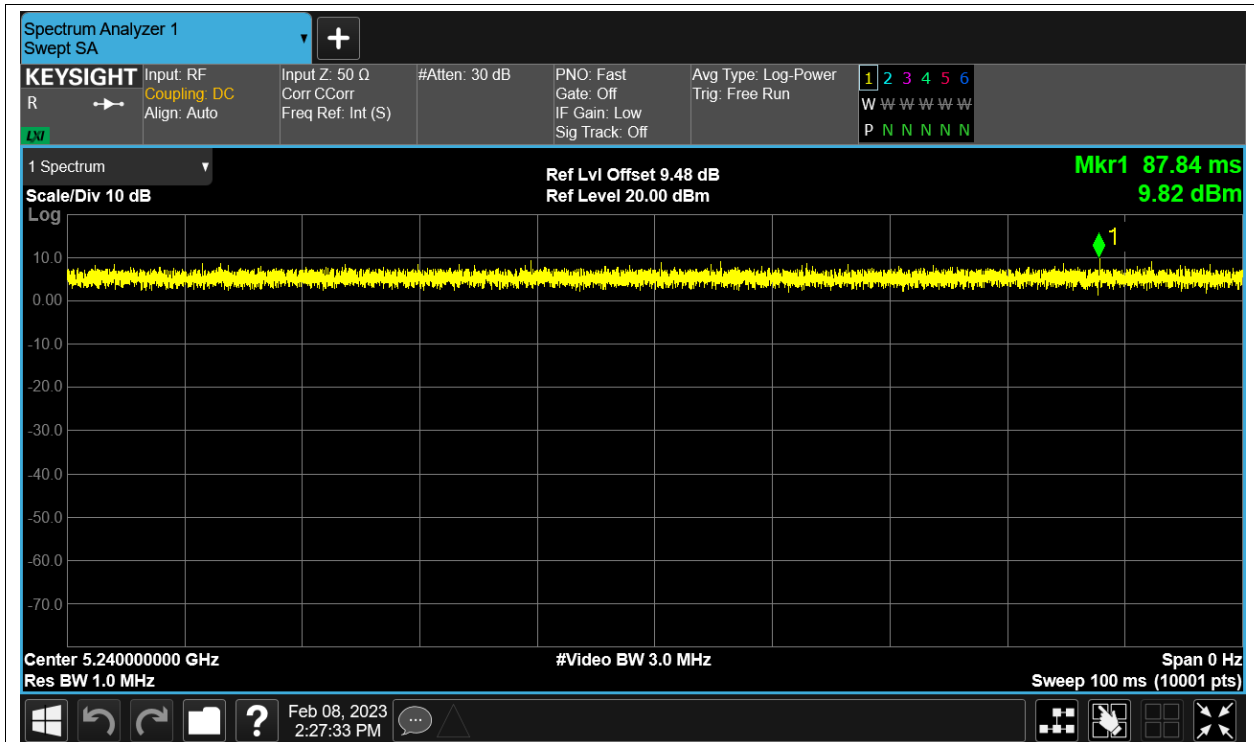
Duty Cycle NVNT n20 5180MHz Sum



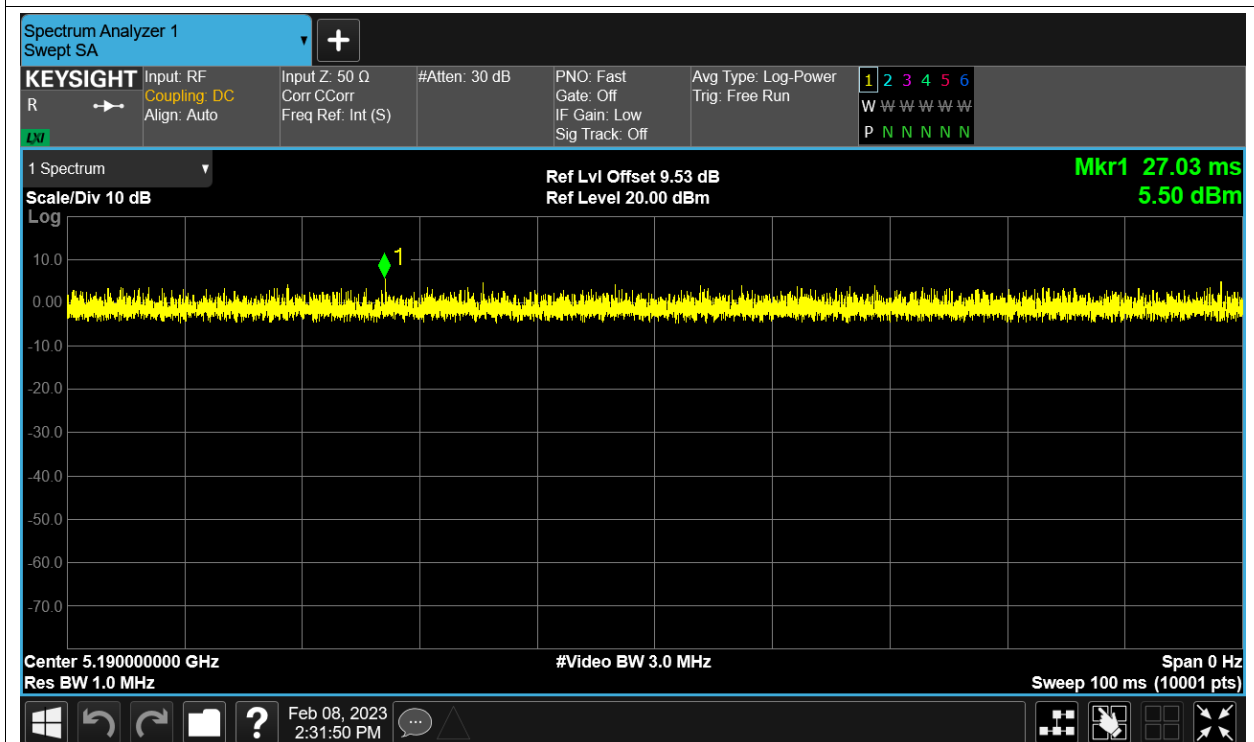
Duty Cycle NVNT n20 5200MHz Sum



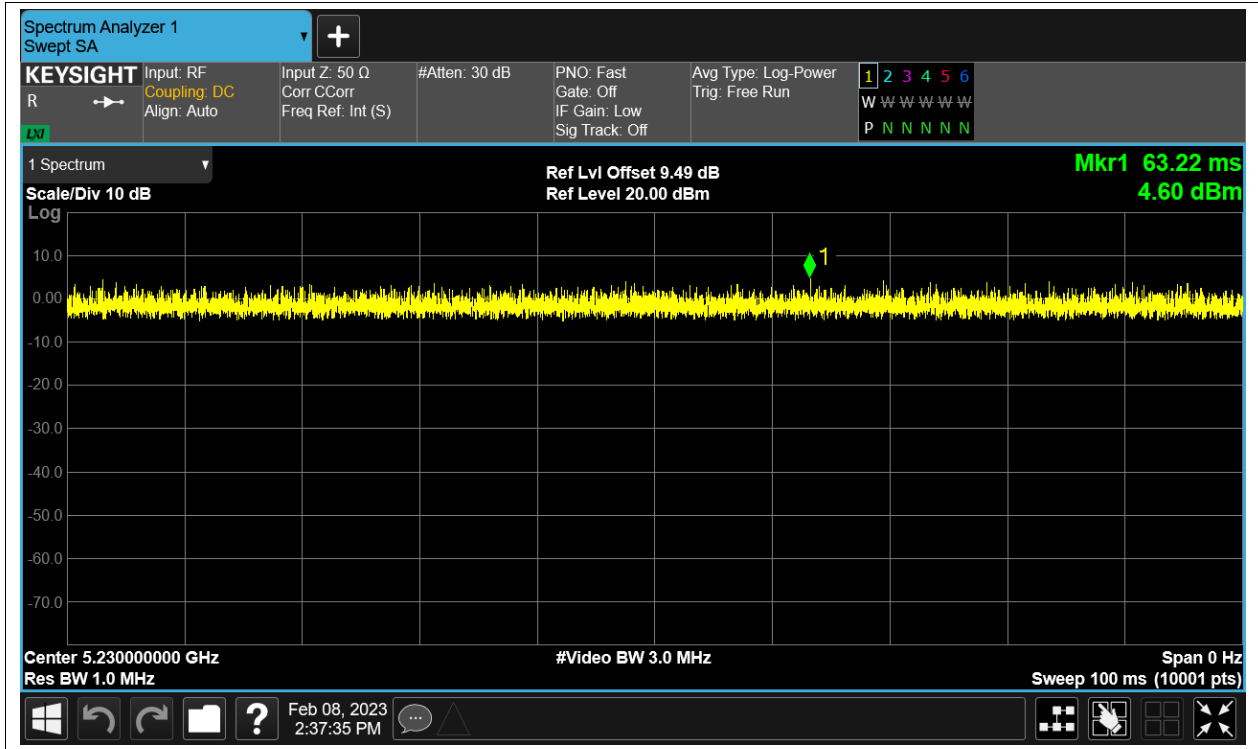
Duty Cycle NVNT n20 5240MHz Sum



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	Ant2	13.15	0	13.15	24	Pass
NVNT	a	5200	Ant2	12.65	0	12.65	24	Pass
NVNT	a	5240	Ant2	12.41	0	12.41	24	Pass
NVNT	a	5180	Ant4	13.88	0	13.88	24	Pass
NVNT	a	5200	Ant4	13.61	0	13.61	24	Pass
NVNT	a	5240	Ant4	12.71	0	12.71	24	Pass
NVNT	ac20	5180	Ant2	12.25	0	12.25	24	Pass
NVNT	ac20	5180	Ant4	12.49	0	12.49	24	Pass
NVNT	ac20	5180	Sum	15.382	0	15.382	24	Pass
NVNT	ac20	5200	Ant2	11.82	0	11.82	24	Pass
NVNT	ac20	5200	Ant4	12.3	0	12.3	24	Pass
NVNT	ac20	5200	Sum	15.077	0	15.077	24	Pass
NVNT	ac20	5240	Ant2	11.46	0	11.46	24	Pass
NVNT	ac20	5240	Ant4	12.19	0	12.19	24	Pass
NVNT	ac20	5240	Sum	14.851	0	14.851	24	Pass
NVNT	ac40	5190	Ant2	10.8	0	10.8	24	Pass
NVNT	ac40	5190	Ant4	11.15	0	11.15	24	Pass
NVNT	ac40	5190	Sum	13.989	0	13.989	24	Pass
NVNT	ac40	5230	Ant2	10.53	0	10.53	24	Pass
NVNT	ac40	5230	Ant4	11.18	0	11.18	24	Pass
NVNT	ac40	5230	Sum	13.877	0	13.877	24	Pass
NVNT	ac80	5210	Ant2	10.85	0	10.85	24	Pass
NVNT	ac80	5210	Ant4	11.43	0	11.43	24	Pass
NVNT	ac80	5210	Sum	14.16	0	14.16	24	Pass
NVNT	ax20	5180	Ant2	10.63	0	10.63	24	Pass
NVNT	ax20	5180	Ant4	11.09	0	11.09	24	Pass
NVNT	ax20	5180	Sum	13.876	0	13.876	24	Pass
NVNT	ax20	5200	Ant2	10.35	0	10.35	24	Pass
NVNT	ax20	5200	Ant4	10.97	0	10.97	24	Pass
NVNT	ax20	5200	Sum	13.681	0	13.681	24	Pass
NVNT	ax20	5240	Ant2	10.14	0	10.14	24	Pass
NVNT	ax20	5240	Ant4	11.04	0	11.04	24	Pass
NVNT	ax20	5240	Sum	13.624	0	13.624	24	Pass
NVNT	ax40	5190	Ant2	9.88	0	9.88	24	Pass
NVNT	ax40	5190	Ant4	10.44	0	10.44	24	Pass
NVNT	ax40	5190	Sum	13.179	0	13.179	24	Pass
NVNT	ax40	5230	Ant2	9.83	0	9.83	24	Pass
NVNT	ax40	5230	Ant4	10.65	0	10.65	24	Pass
NVNT	ax40	5230	Sum	13.27	0	13.27	24	Pass
NVNT	ax80	5210	Ant2	9.67	0	9.67	24	Pass

NVNT	ax80	5210	Ant4	10.18	0	10.18	24	Pass
NVNT	ax80	5210	Sum	12.943	0	12.943	24	Pass
NVNT	n20	5180	Ant2	12.05	0	12.05	24	Pass
NVNT	n20	5180	Ant4	12.51	0	12.51	24	Pass
NVNT	n20	5180	Sum	15.296	0	15.296	24	Pass
NVNT	n20	5200	Ant2	11.78	0	11.78	24	Pass
NVNT	n20	5200	Ant4	12.47	0	12.47	24	Pass
NVNT	n20	5200	Sum	15.149	0	15.149	24	Pass
NVNT	n20	5240	Ant2	11.52	0	11.52	24	Pass
NVNT	n20	5240	Ant4	12.19	0	12.19	24	Pass
NVNT	n20	5240	Sum	14.878	0	14.878	24	Pass
NVNT	n40	5190	Ant2	11.48	0	11.48	24	Pass
NVNT	n40	5190	Ant4	12.05	0	12.05	24	Pass
NVNT	n40	5190	Sum	14.785	0	14.785	24	Pass
NVNT	n40	5230	Ant2	11.19	0	11.19	24	Pass
NVNT	n40	5230	Ant4	11.75	0	11.75	24	Pass
NVNT	n40	5230	Sum	14.489	0	14.489	24	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
HVNT	a	5180	Ant2	16.324
NVNT	a	5180	Ant2	16.329
NVNT	a	5200	Ant2	16.353
NVNT	a	5240	Ant2	16.363
NVNT	a	5180	Ant4	16.322
NVNT	a	5200	Ant4	16.314
NVNT	a	5240	Ant4	16.34
NVNT	ac20	5180	Ant2	17.501
NVNT	ac20	5180	Ant4	17.483
NVNT	ac20	5200	Ant2	17.495
NVNT	ac20	5200	Ant4	17.488
NVNT	ac20	5240	Ant2	17.51
NVNT	ac20	5240	Ant4	17.47
NVNT	ac40	5190	Ant2	35.87
NVNT	ac40	5190	Ant4	35.876
NVNT	ac40	5230	Ant2	35.89
NVNT	ac40	5230	Ant4	35.899
NVNT	ac80	5210	Ant2	75.37
NVNT	ac80	5210	Ant4	75.289
NVNT	ax20	5180	Ant2	18.774
NVNT	ax20	5180	Ant4	18.738
NVNT	ax20	5200	Ant2	18.764
NVNT	ax20	5200	Ant4	18.766
NVNT	ax20	5240	Ant2	18.758
NVNT	ax20	5240	Ant4	18.783
NVNT	ax40	5190	Ant2	37.531
NVNT	ax40	5190	Ant4	37.487
NVNT	ax40	5230	Ant2	37.565
NVNT	ax40	5230	Ant4	37.509
NVNT	ax80	5210	Ant2	77.042
NVNT	ax80	5210	Ant4	76.943
NVNT	n20	5180	Ant2	17.487
NVNT	n20	5180	Ant4	17.504
NVNT	n20	5200	Ant2	17.494
NVNT	n20	5200	Ant4	17.511
NVNT	n20	5240	Ant2	17.505
NVNT	n20	5240	Ant4	17.503
NVNT	n40	5190	Ant2	35.859
NVNT	n40	5190	Ant4	35.893
NVNT	n40	5230	Ant2	35.926
NVNT	n40	5230	Ant4	35.87