

Test Data

Frequency Stability

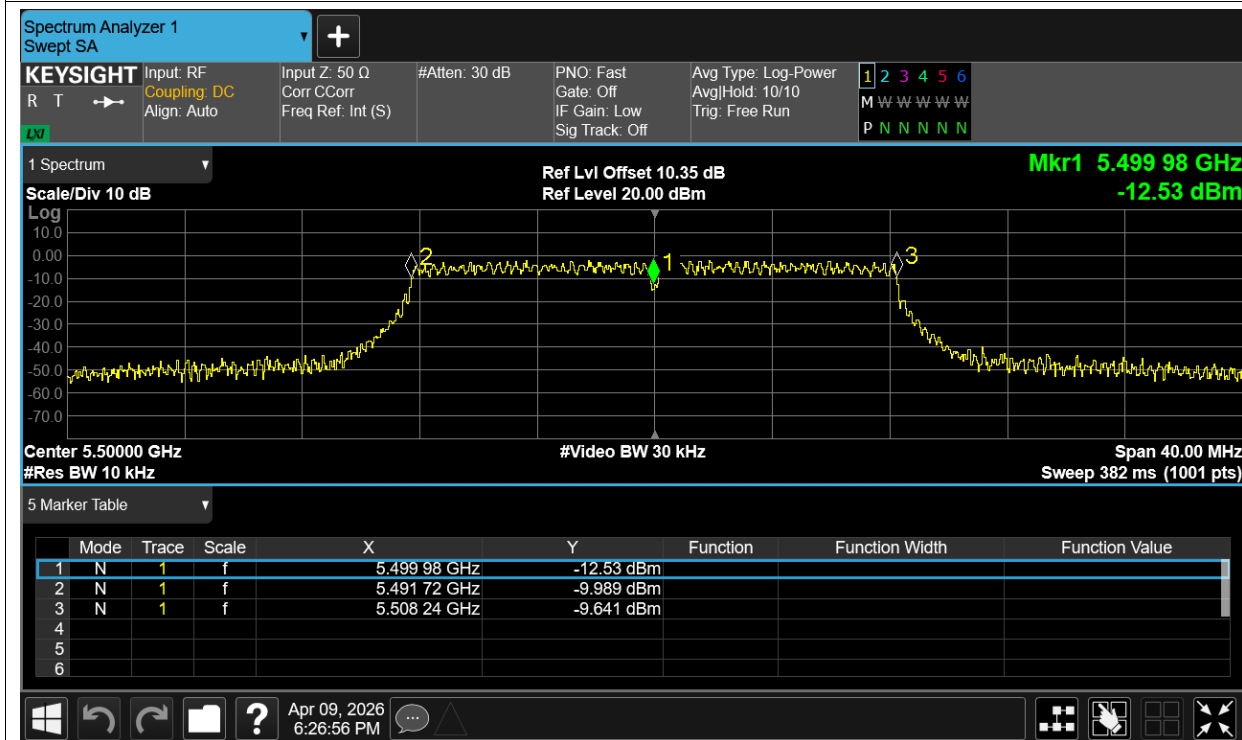
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant1	5499.98	-3.64	Within authorized band	Pass
HVNT	a	5500	Ant2	5499.98	-3.64		Pass
LVNT	a	5500	Ant1	5499.98	-3.64		Pass
LVNT	a	5500	Ant2	5499.98	-3.64		Pass
NVHT	a	5500	Ant1	5499.98	-3.64		Pass
NVHT	a	5500	Ant2	5499.98	-3.64		Pass
NVLT	a	5500	Ant1	5499.98	-3.64		Pass
NVLT	a	5500	Ant2	5499.98	-3.64		Pass
NVNT	a	5500	Ant1	5499.98	-3.64		Pass
NVNT	a	5500	Ant2	5499.98	-3.64		Pass
HVNT	ac160	5570	Sum	5570	0		Pass
LVNT	ac160	5570	Sum	5570	0		Pass
NVHT	ac160	5570	Sum	5570	0		Pass
NVLT	ac160	5570	Sum	5570	0		Pass
NVNT	ac160	5570	Sum	5570	0		Pass
HVNT	ac20	5500	Sum	5500	0		Pass
LVNT	ac20	5500	Sum	5500.02	3.64		Pass
NVHT	ac20	5500	Sum	5500	0		Pass
NVLT	ac20	5500	Sum	5500	0		Pass
NVNT	ac20	5500	Sum	5499.98	-3.64		Pass
HVNT	ac40	5510	Sum	5510	0		Pass
LVNT	ac40	5510	Sum	5510.04	7.26		Pass
NVHT	ac40	5510	Sum	5510	0		Pass
NVLT	ac40	5510	Sum	5510.04	7.26		Pass
NVNT	ac40	5510	Sum	5510.04	7.26		Pass
HVNT	ac80	5530	Sum	5530	0		Pass
LVNT	ac80	5530	Sum	5530	0		Pass
NVHT	ac80	5530	Sum	5530	0		Pass
NVLT	ac80	5530	Sum	5530	0		Pass
NVNT	ac80	5530	Sum	5530	0		Pass
HVNT	ax160	5570	Sum	5570	0		Pass
LVNT	ax160	5570	Sum	5570	0		Pass
NVHT	ax160	5570	Sum	5570	0		Pass
NVLT	ax160	5570	Sum	5570	0		Pass
NVNT	ax160	5570	Sum	5570	0		Pass
HVNT	ax20	5500	Sum	5499.96	-7.27		Pass
LVNT	ax20	5500	Sum	5500	0		Pass
NVHT	ax20	5500	Sum	5500	0		Pass
NVLT	ax20	5500	Sum	5499.98	-3.64		Pass

NVNT	ax20	5500	Sum	5500	0		Pass
HVNT	ax40	5510	Sum	5510.04	7.26		Pass
LVNT	ax40	5510	Sum	5509.96	-7.26		Pass
NVHT	ax40	5510	Sum	5509.96	-7.26		Pass
NVLT	ax40	5510	Sum	5510	0		Pass
NVNT	ax40	5510	Sum	5509.96	-7.26		Pass
HVNT	ax80	5530	Sum	5530	0		Pass
LVNT	ax80	5530	Sum	5530	0		Pass
NVHT	ax80	5530	Sum	5530	0		Pass
NVLT	ax80	5530	Sum	5530	0		Pass
NVNT	ax80	5530	Sum	5530	0		Pass
HVNT	n20	5500	Sum	5499.98	-3.64		Pass
LVNT	n20	5500	Sum	5499.98	-3.64		Pass
NVHT	n20	5500	Sum	5499.98	-3.64		Pass
NVLT	n20	5500	Sum	5499.98	-3.64		Pass
NVNT	n20	5500	Sum	5499.98	-3.64		Pass
HVNT	n40	5510	Sum	5509.96	-7.26		Pass
LVNT	n40	5510	Sum	5510.04	7.26		Pass
NVHT	n40	5510	Sum	5510.04	7.26		Pass
NVLT	n40	5510	Sum	5510	0		Pass
NVNT	n40	5510	Sum	5510	0	Pass	

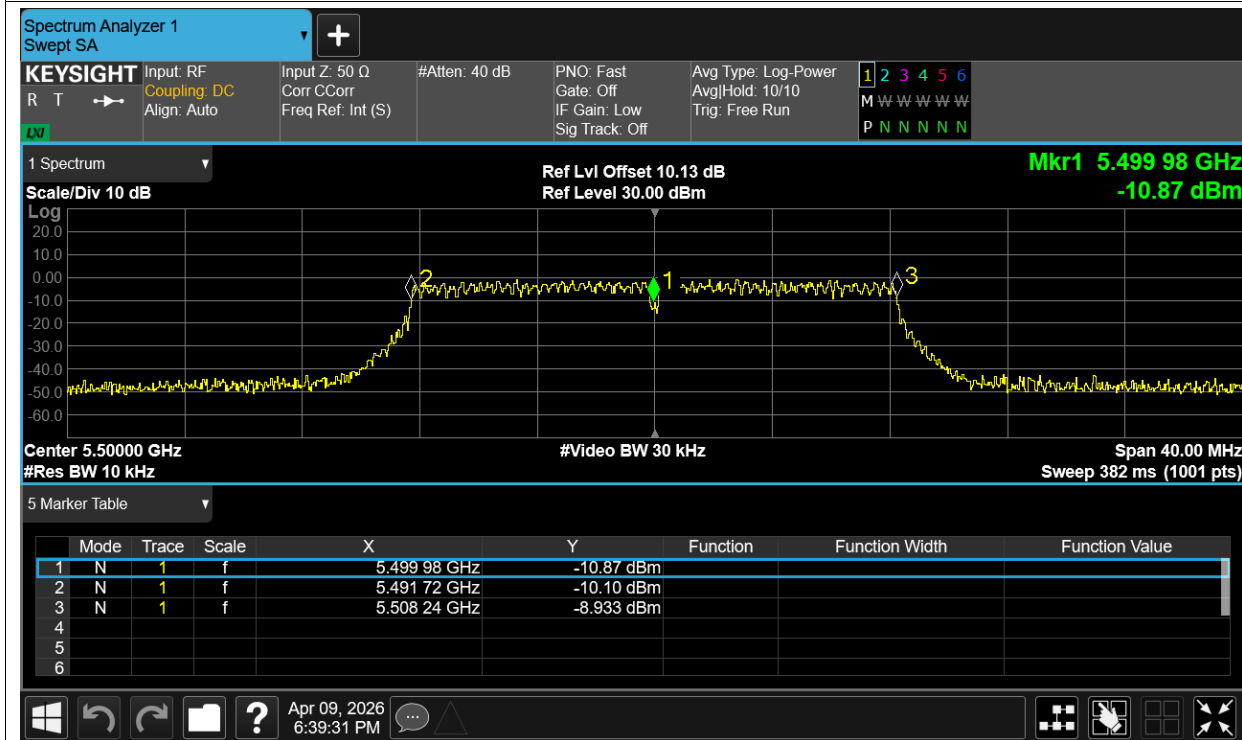
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

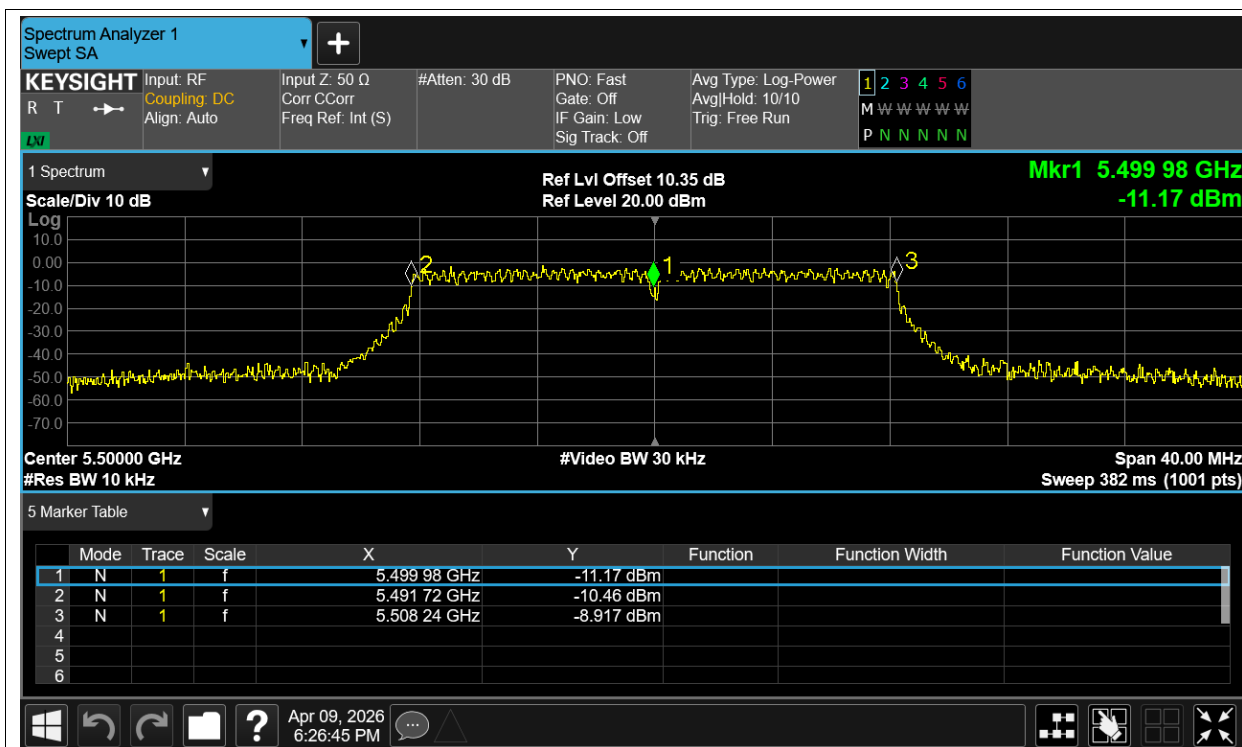
Freq. Stability HVNT a 5500MHz Ant1



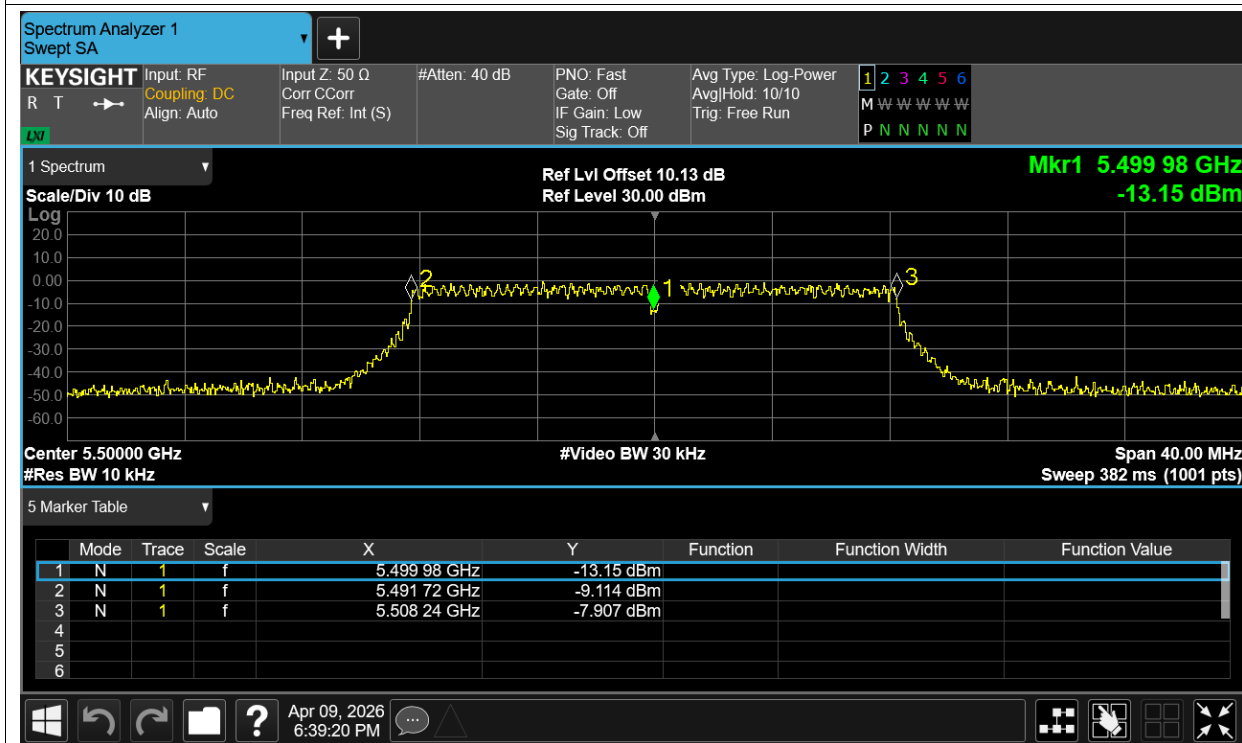
Freq. Stability HVNT a 5500MHz Ant2



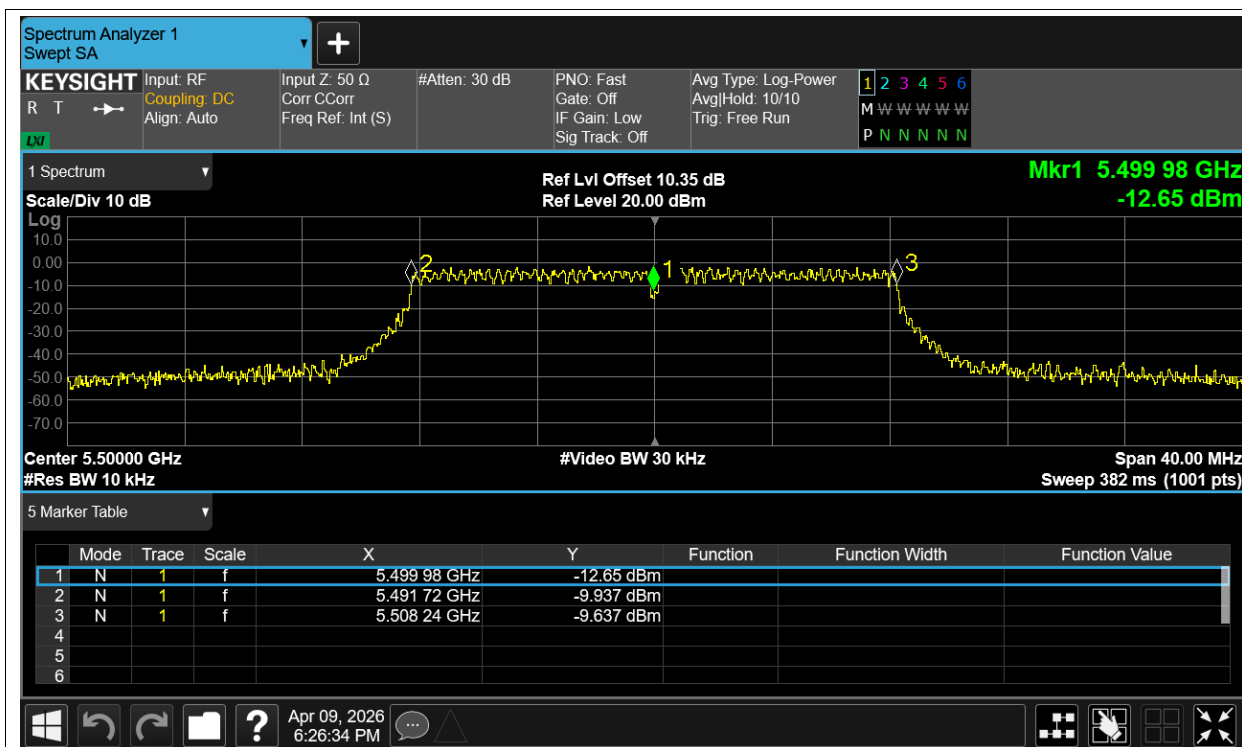
Freq. Stability LVNT a 5500MHz Ant1



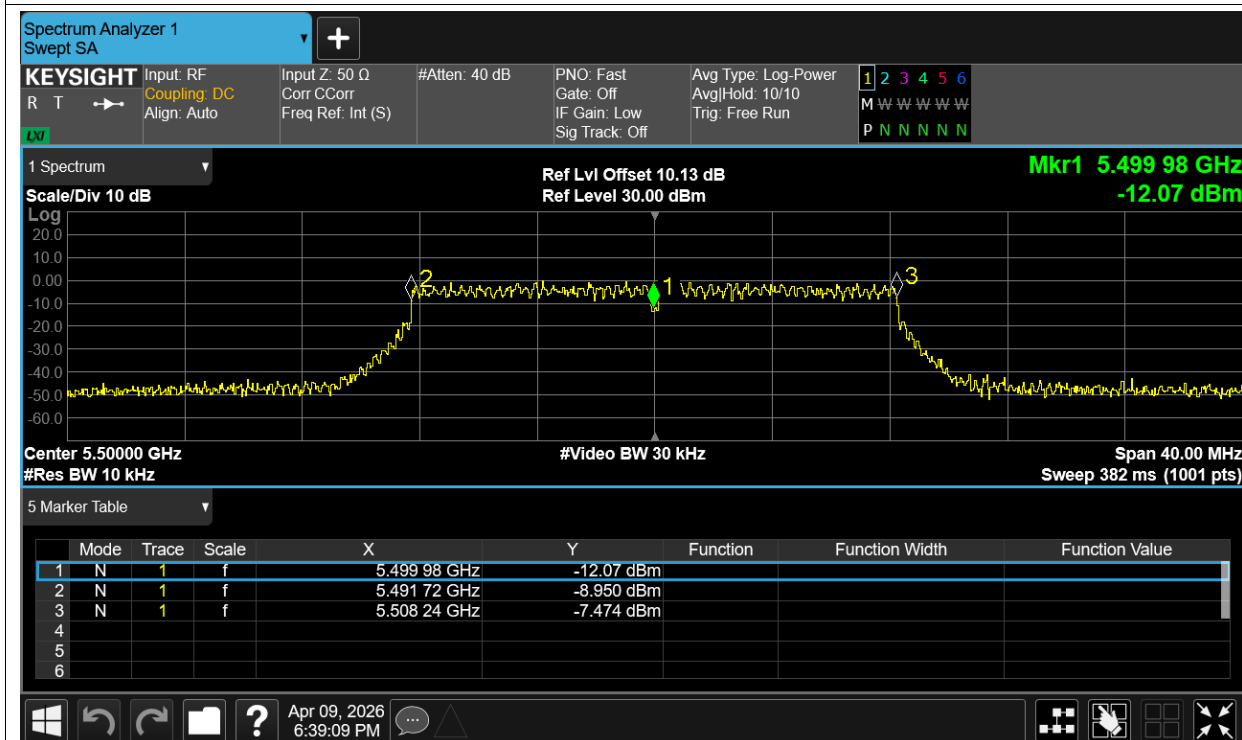
Freq. Stability LVNT a 5500MHz Ant2



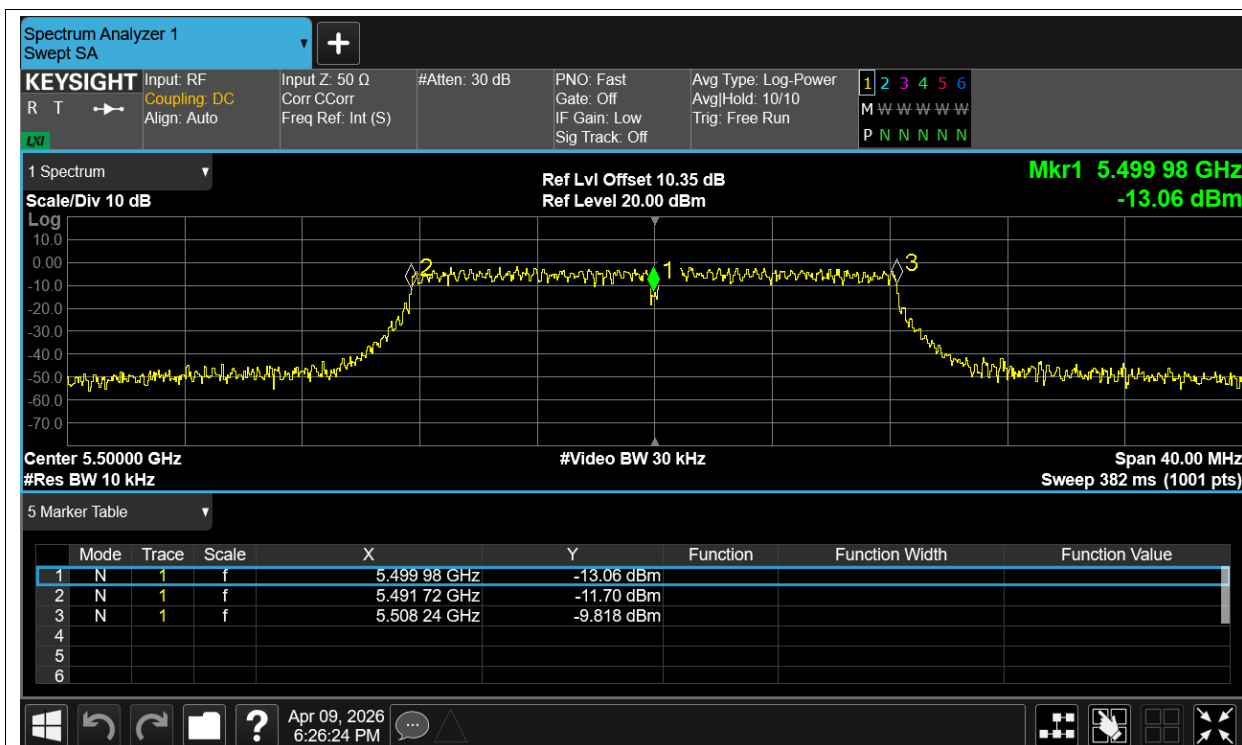
Freq. Stability NVHT a 5500MHz Ant1



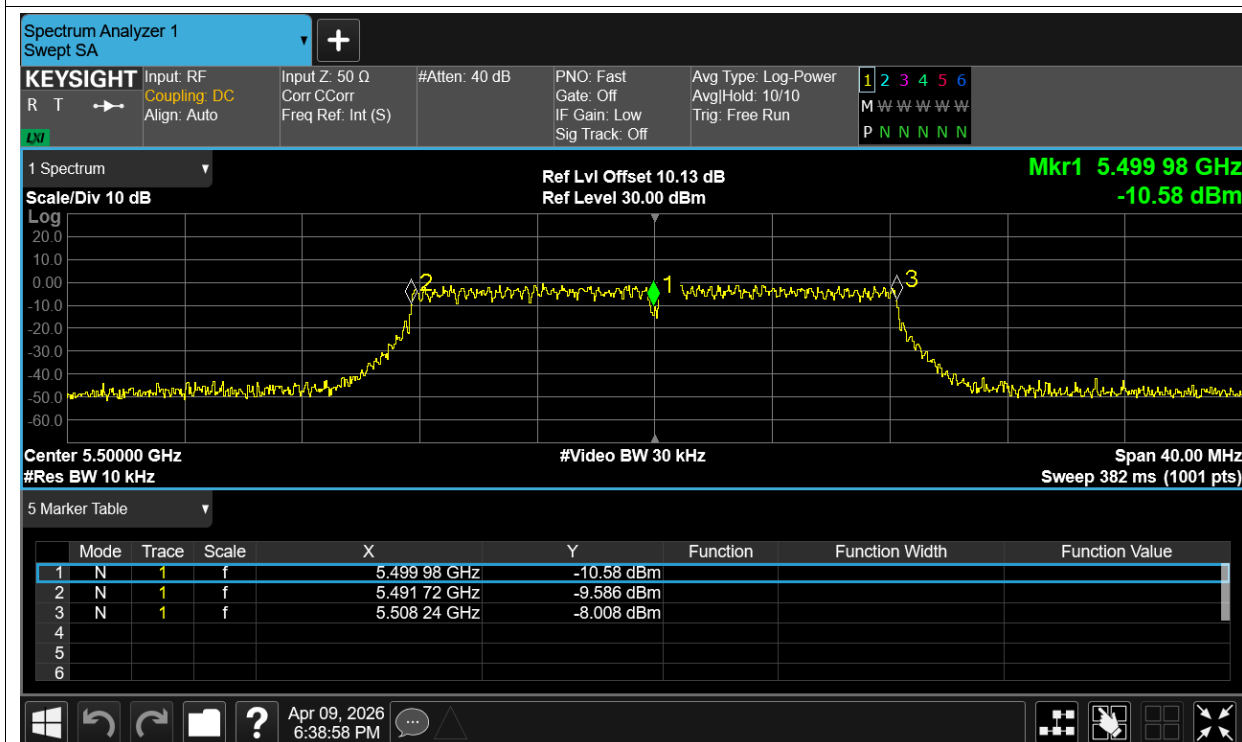
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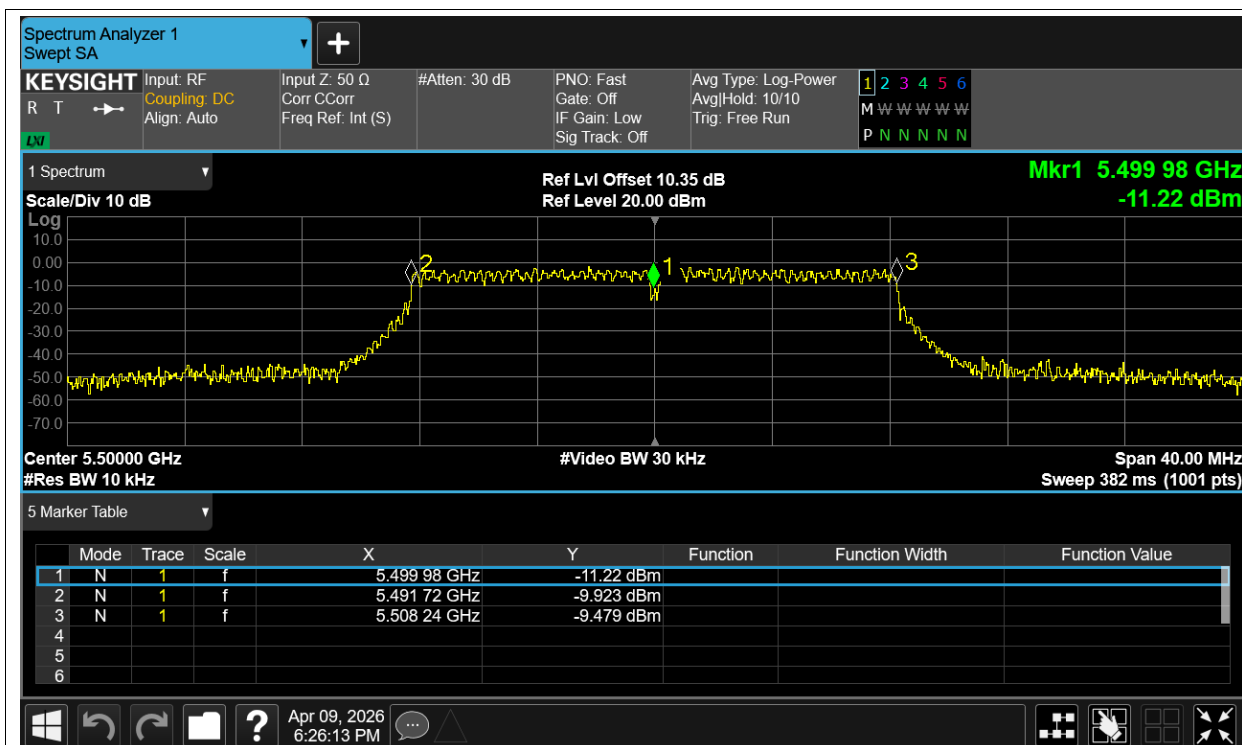
Freq. Stability NVLT a 5500MHz Ant1



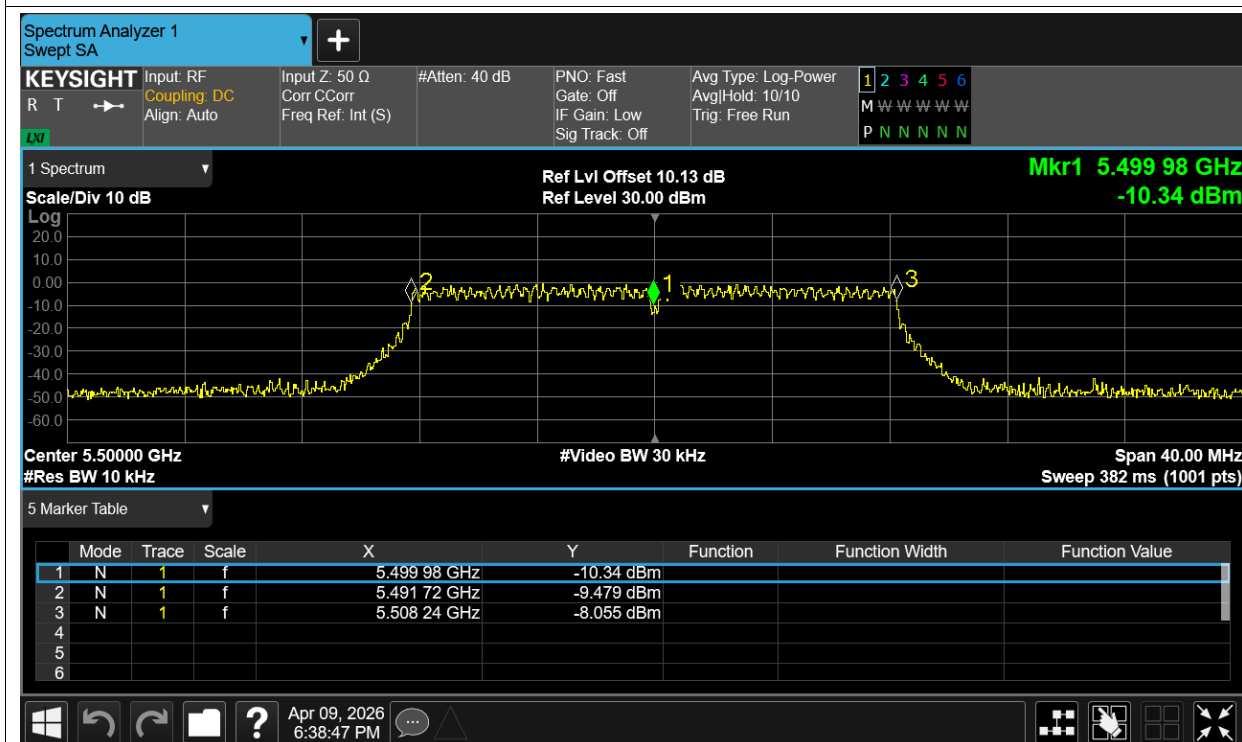
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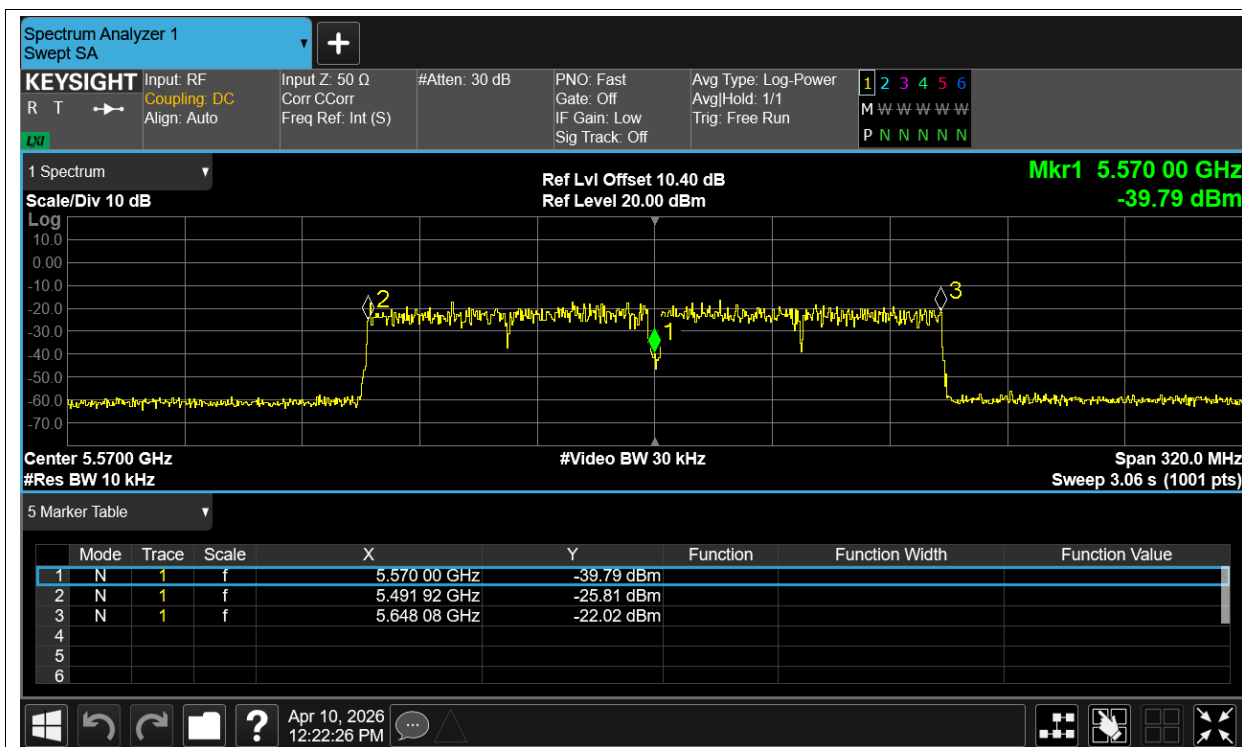
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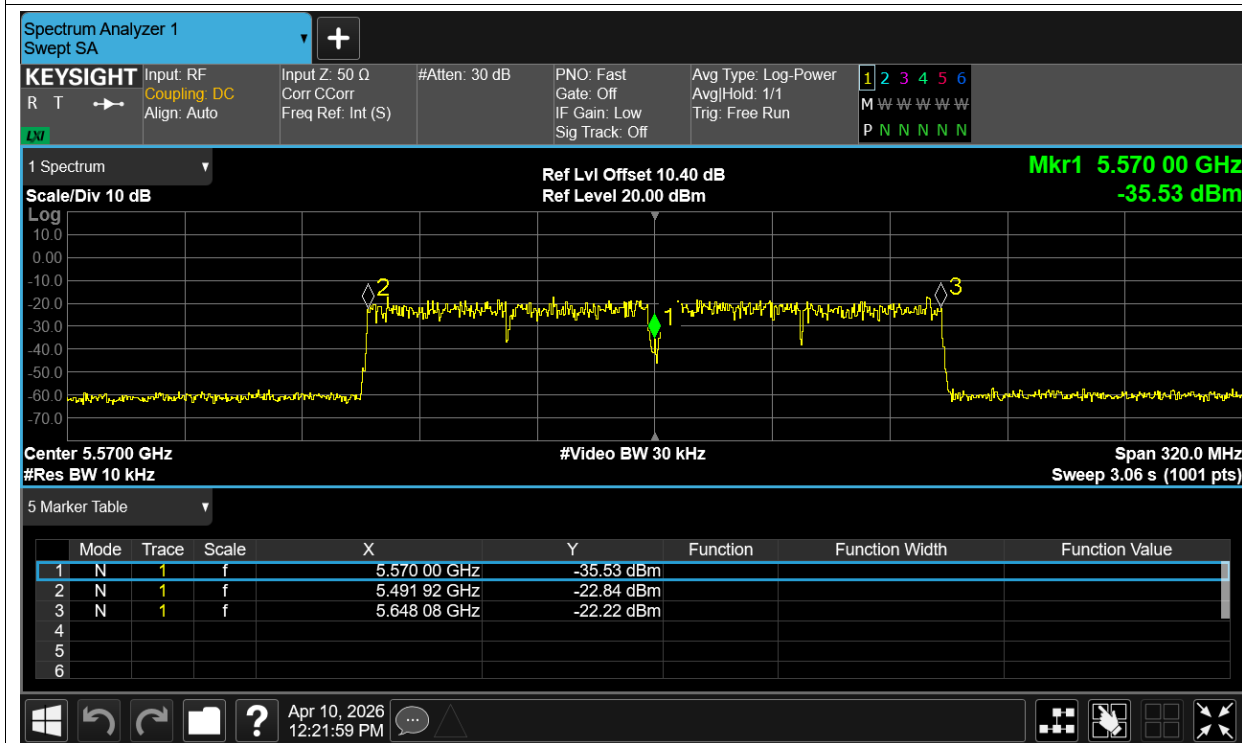
Freq. Stability NVNT a 5500MHz Ant2



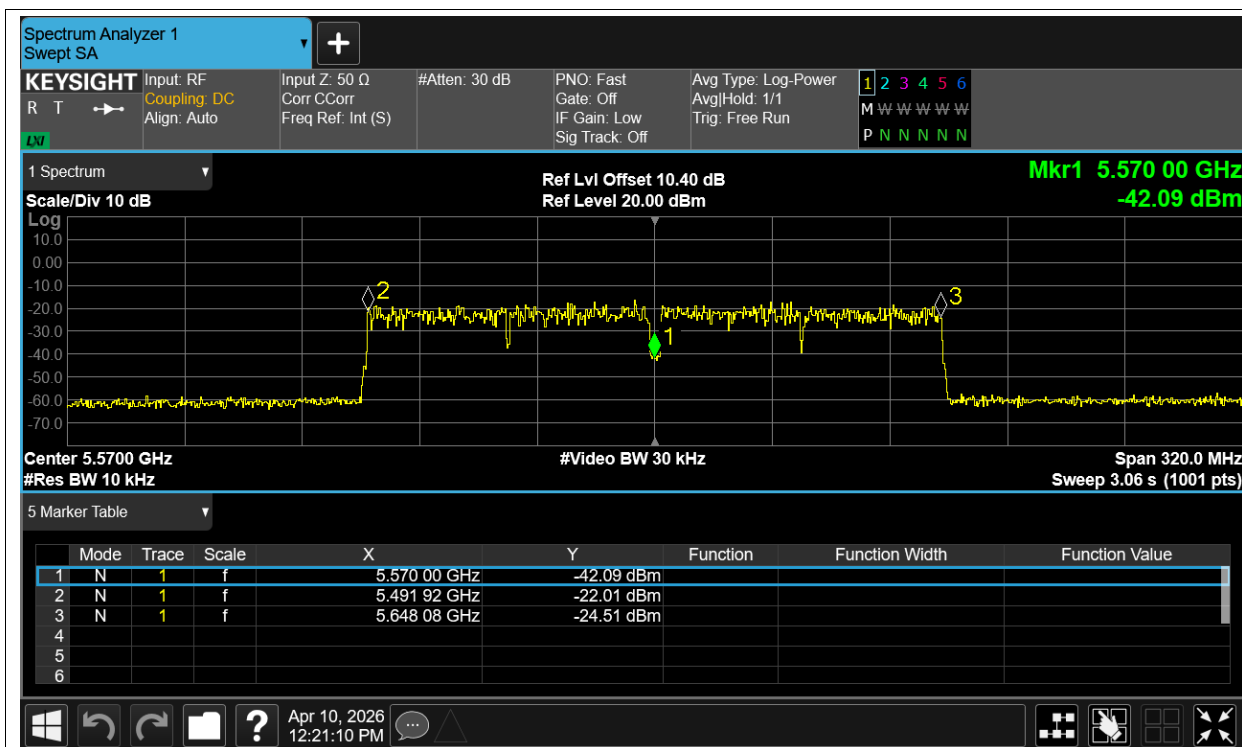
Freq. Stability HVNT ac160 5570MHz Sum



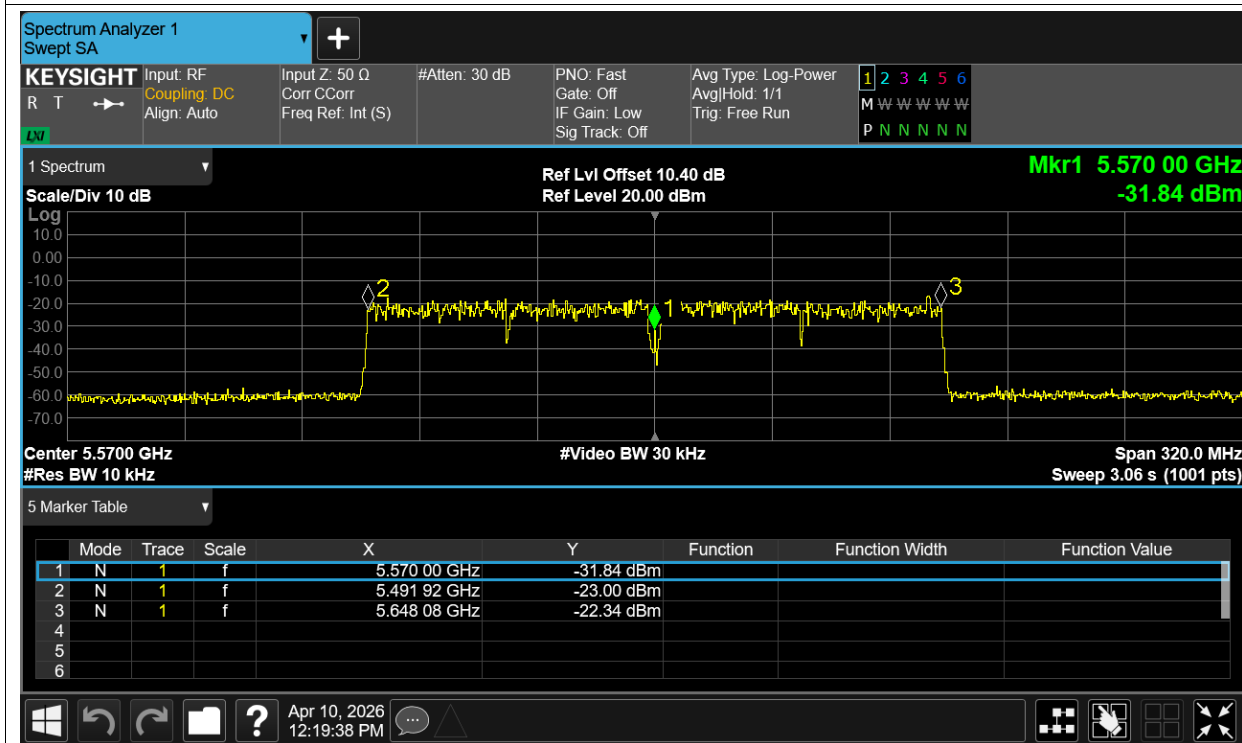
Freq. Stability LVNT ac160 5570MHz Sum



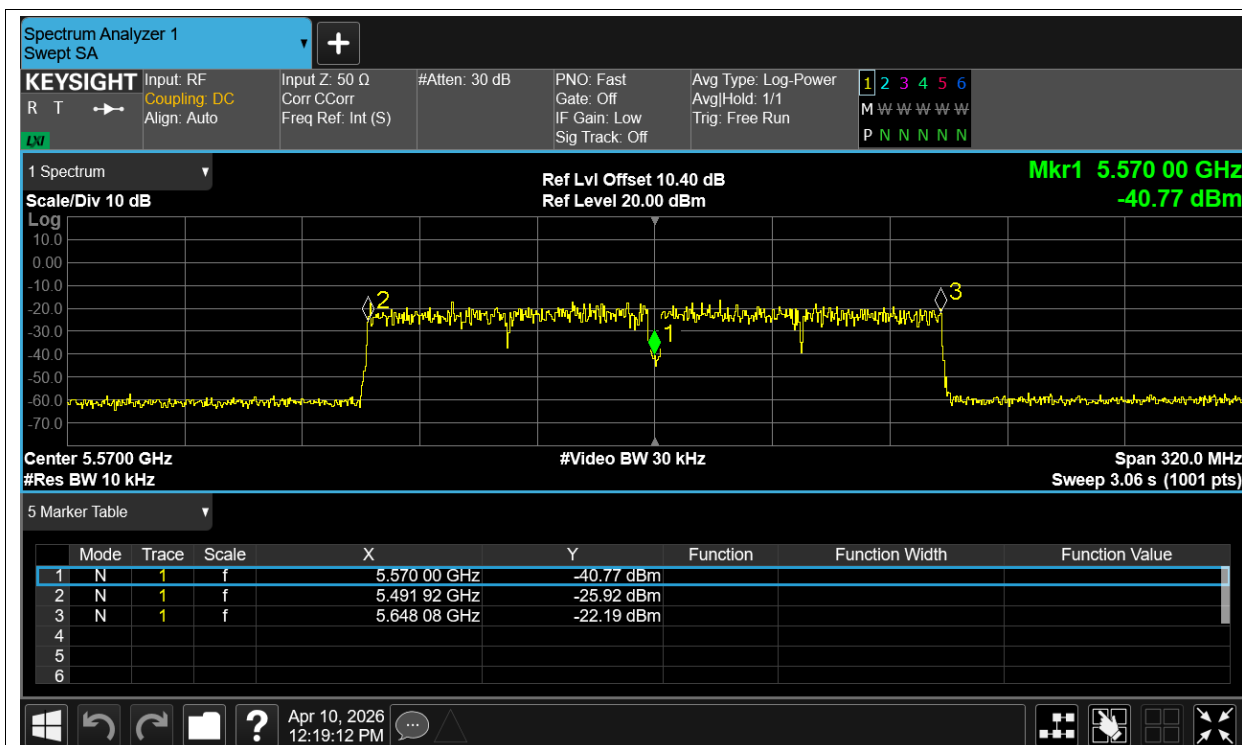
Freq. Stability NVHT ac160 5570MHz Sum



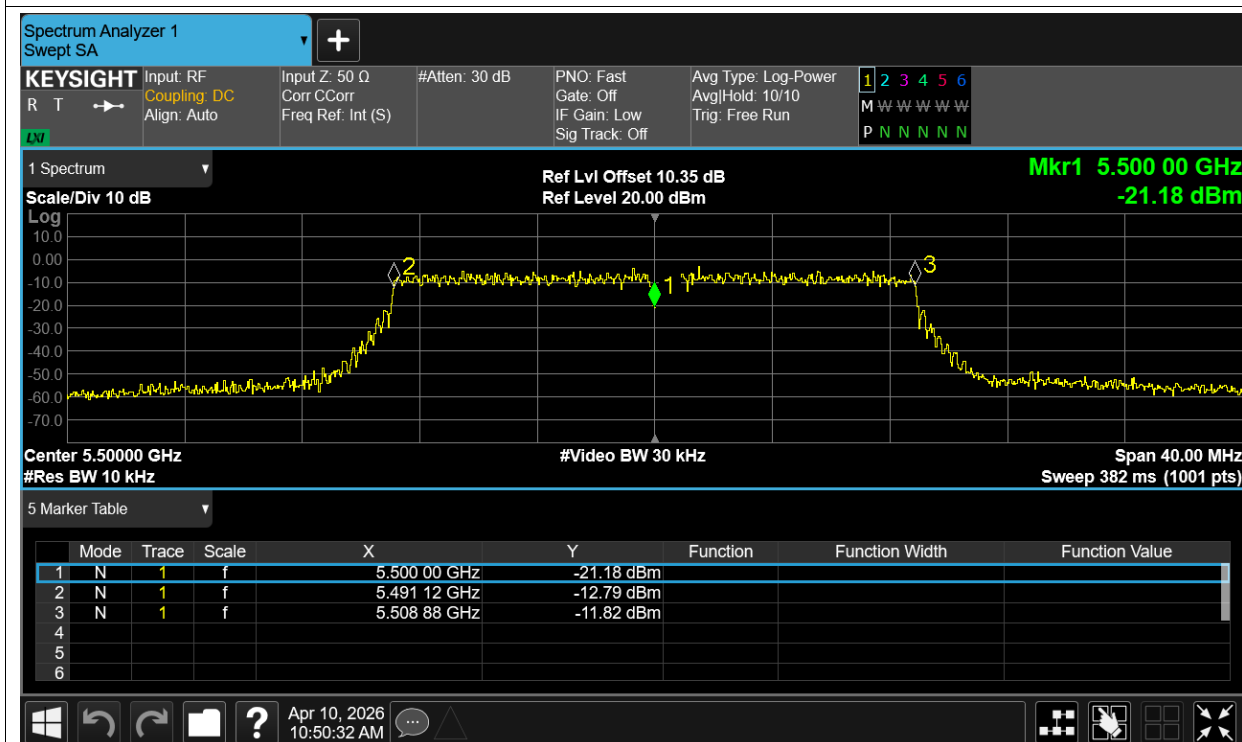
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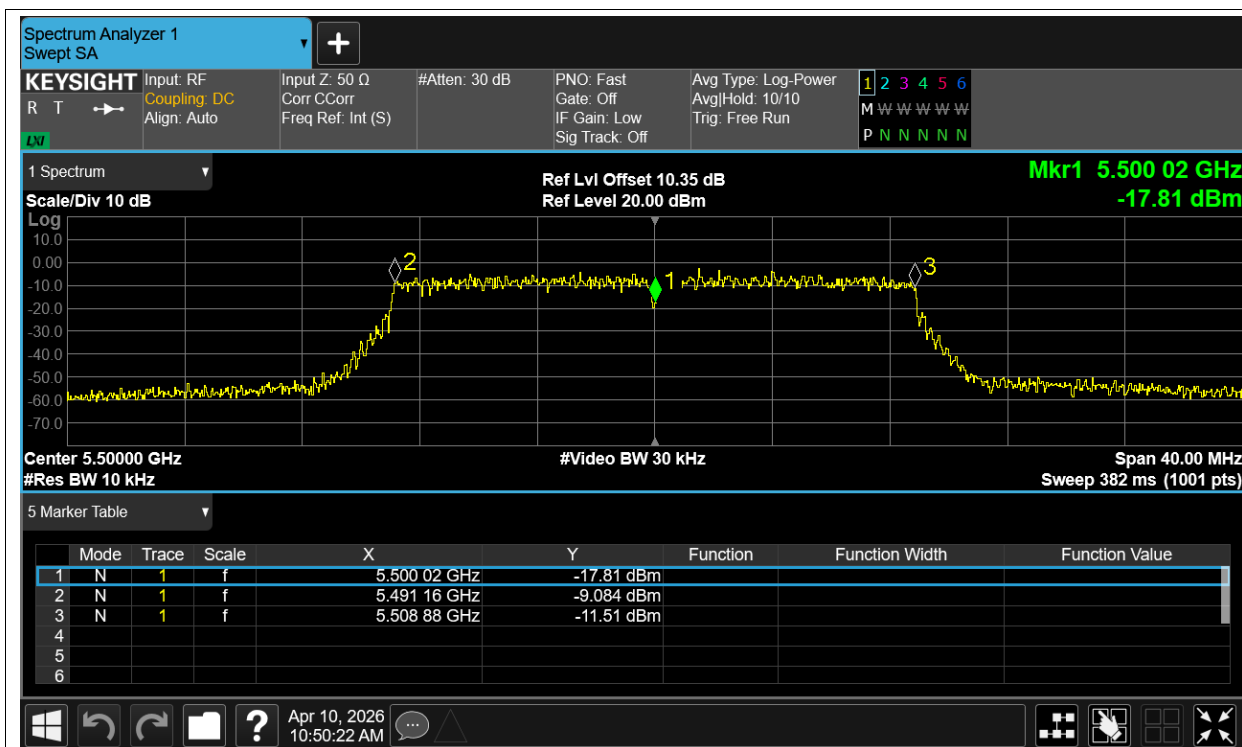
Freq. Stability NVNT ac160 5570MHz Sum



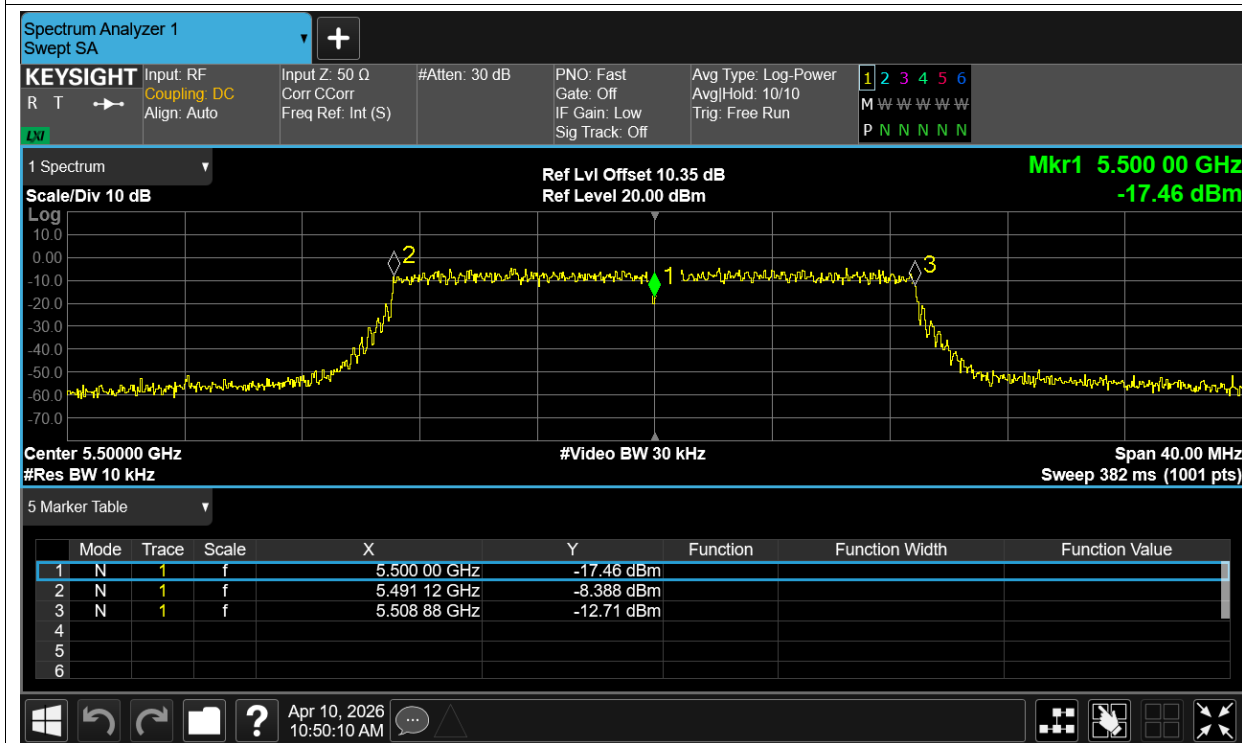
Freq. Stability HVNT ac20 5500MHz Sum



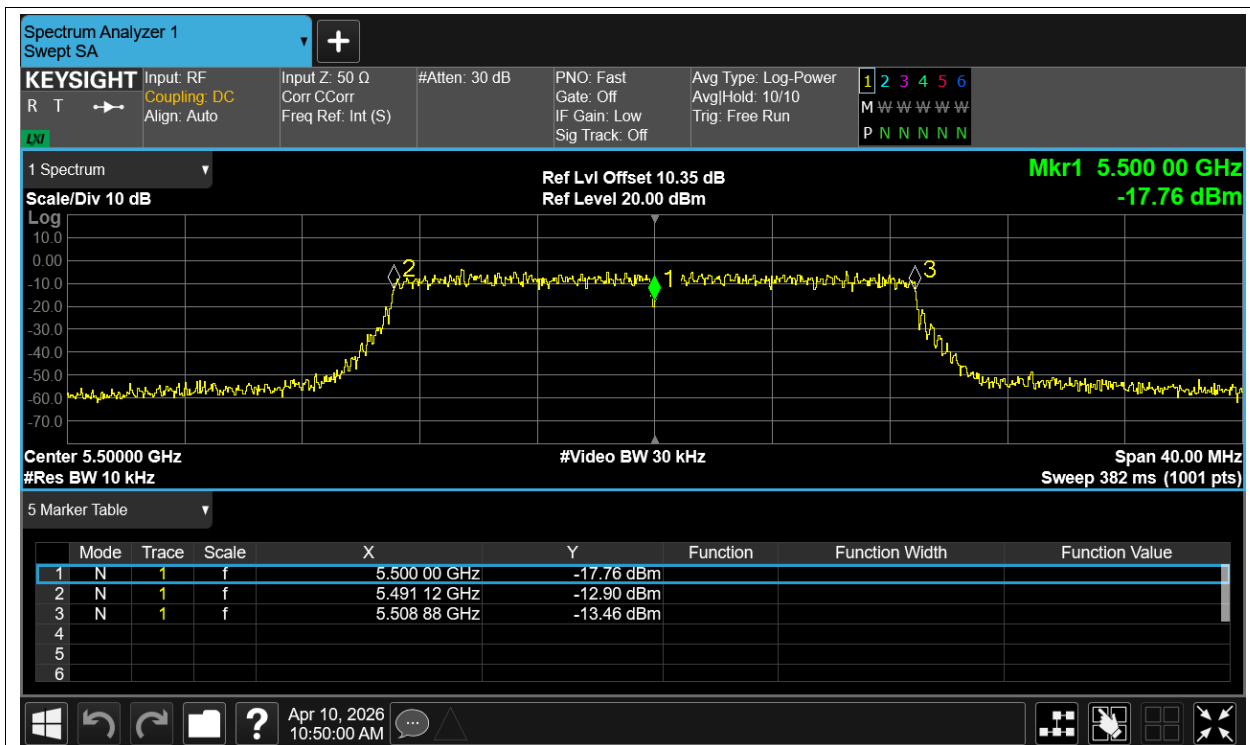
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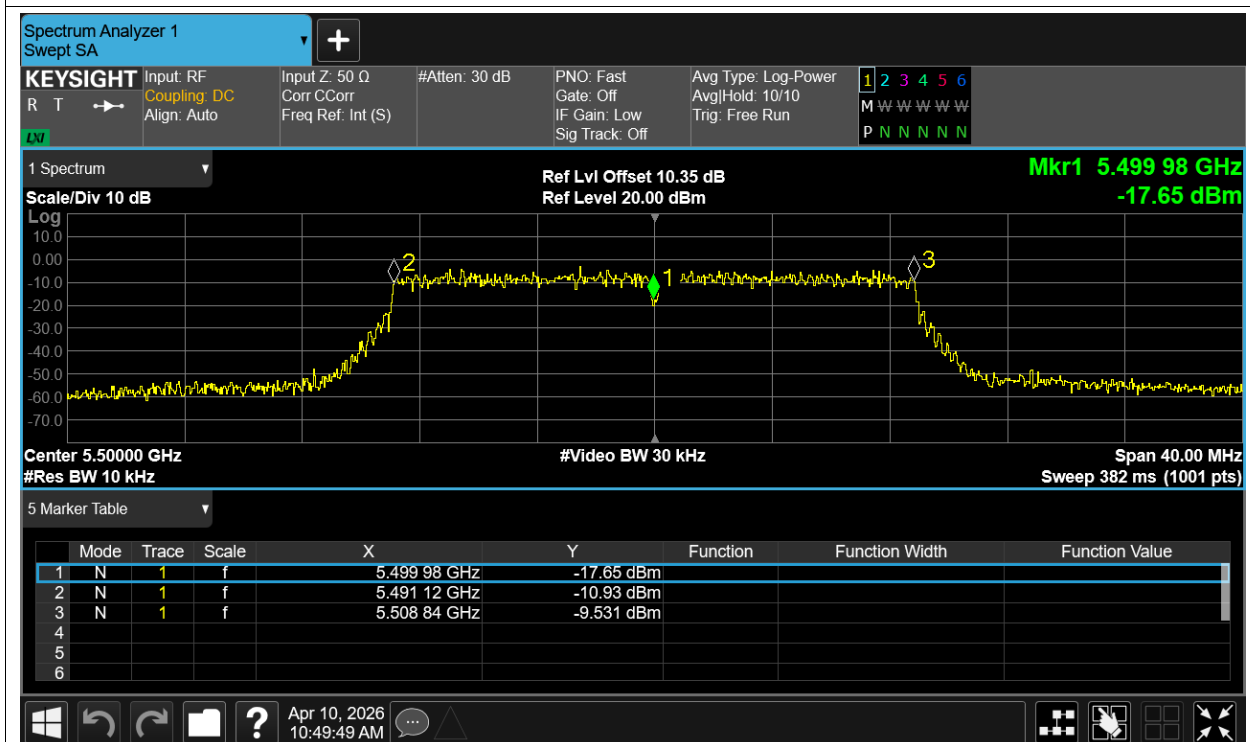
Freq. Stability NVHT ac20 5500MHz Sum



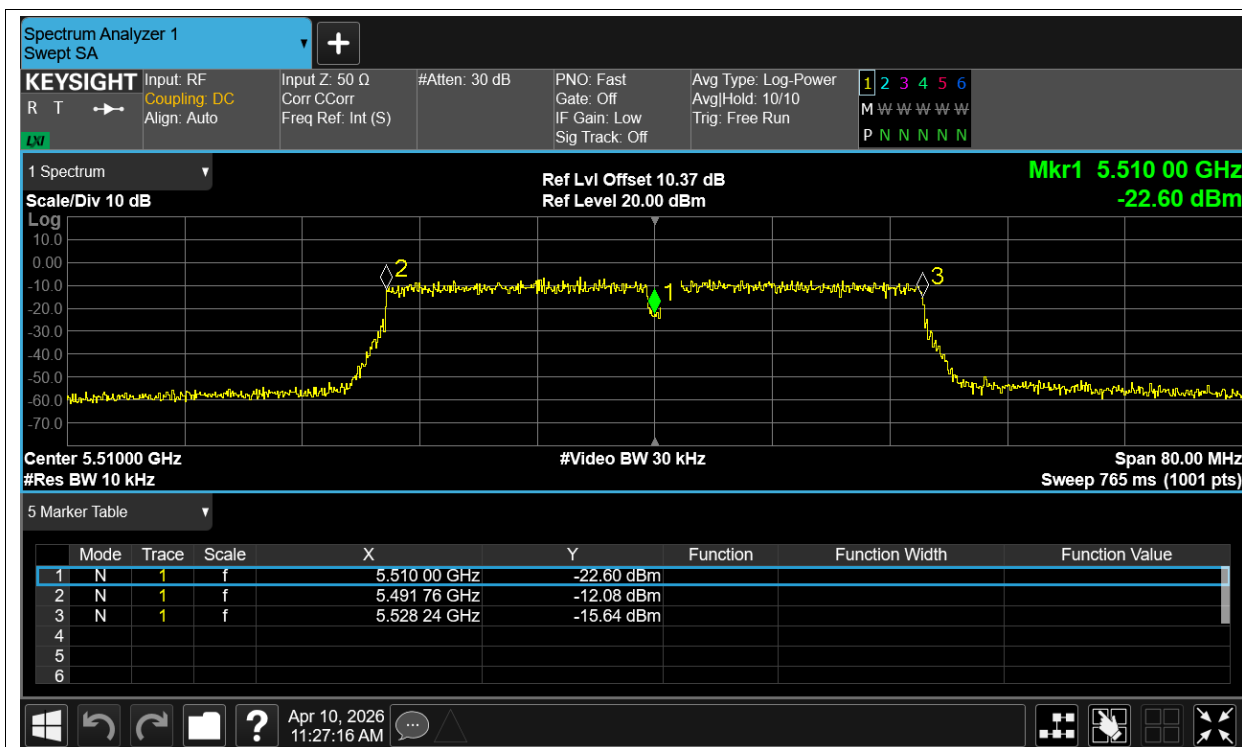
Freq. Stability NVLT ac20 5500MHz Sum



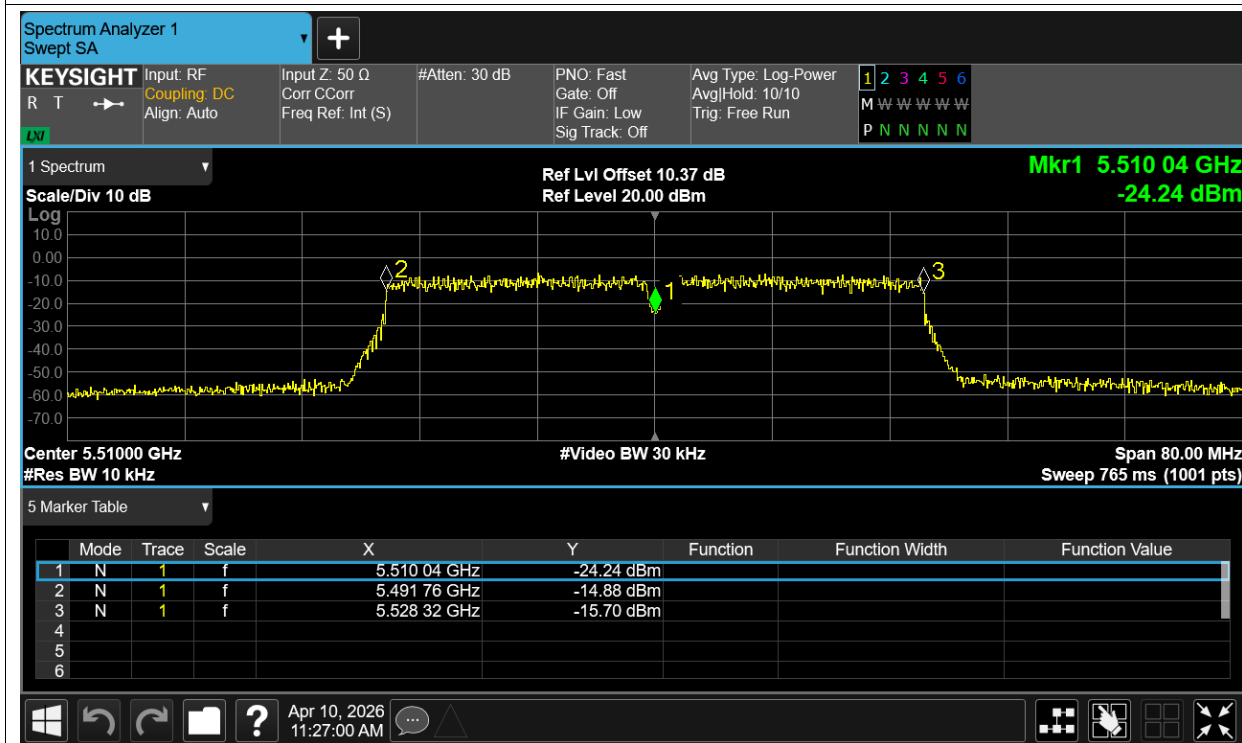
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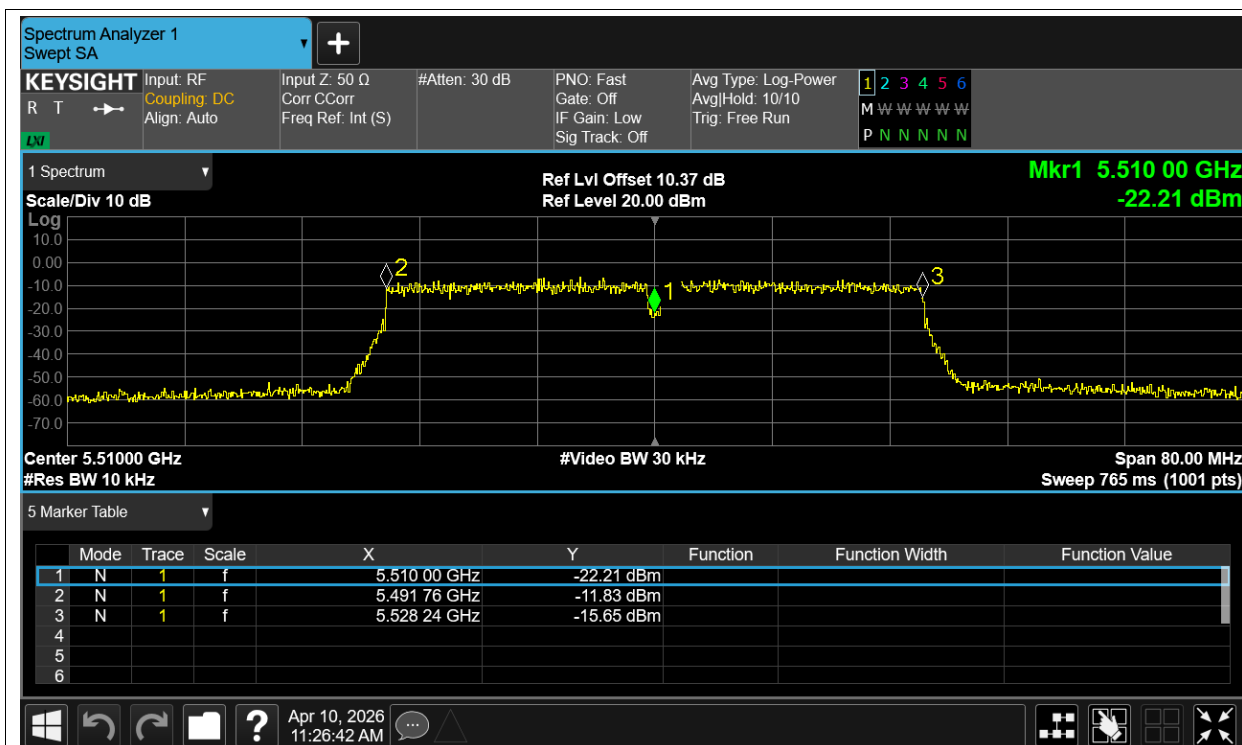
Freq. Stability HVNT ac40 5510MHz Sum



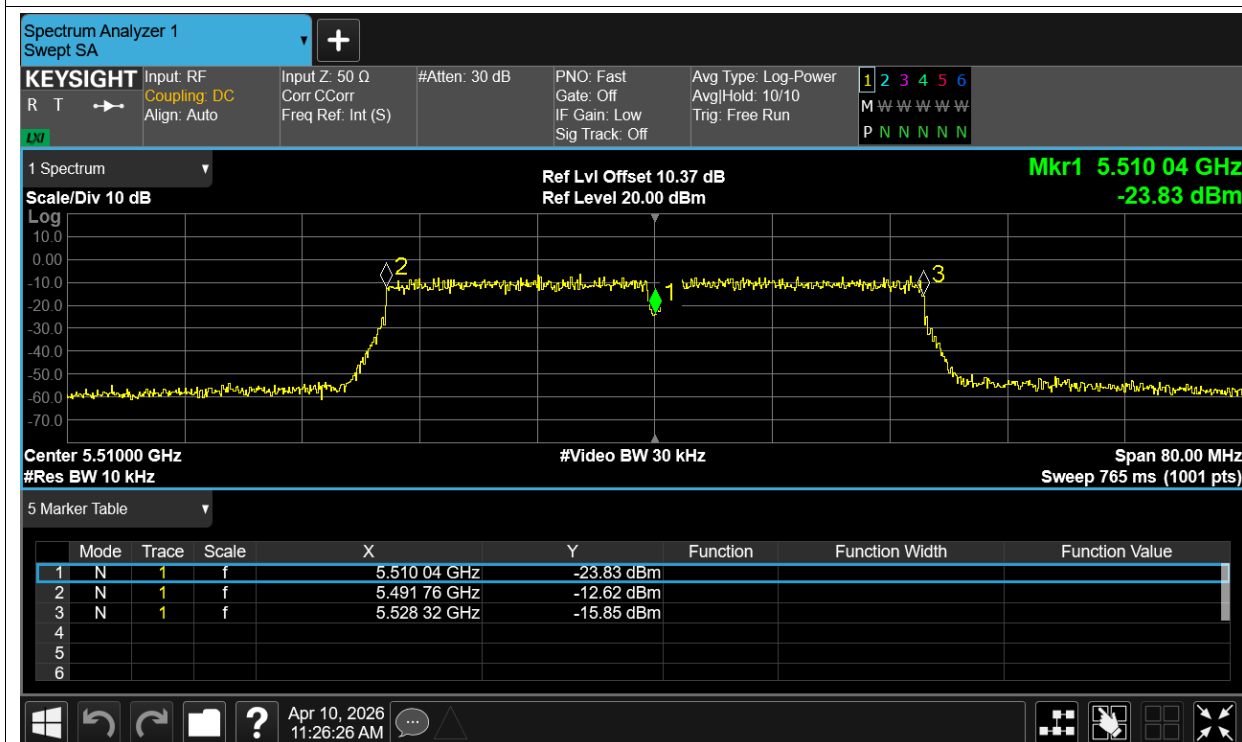
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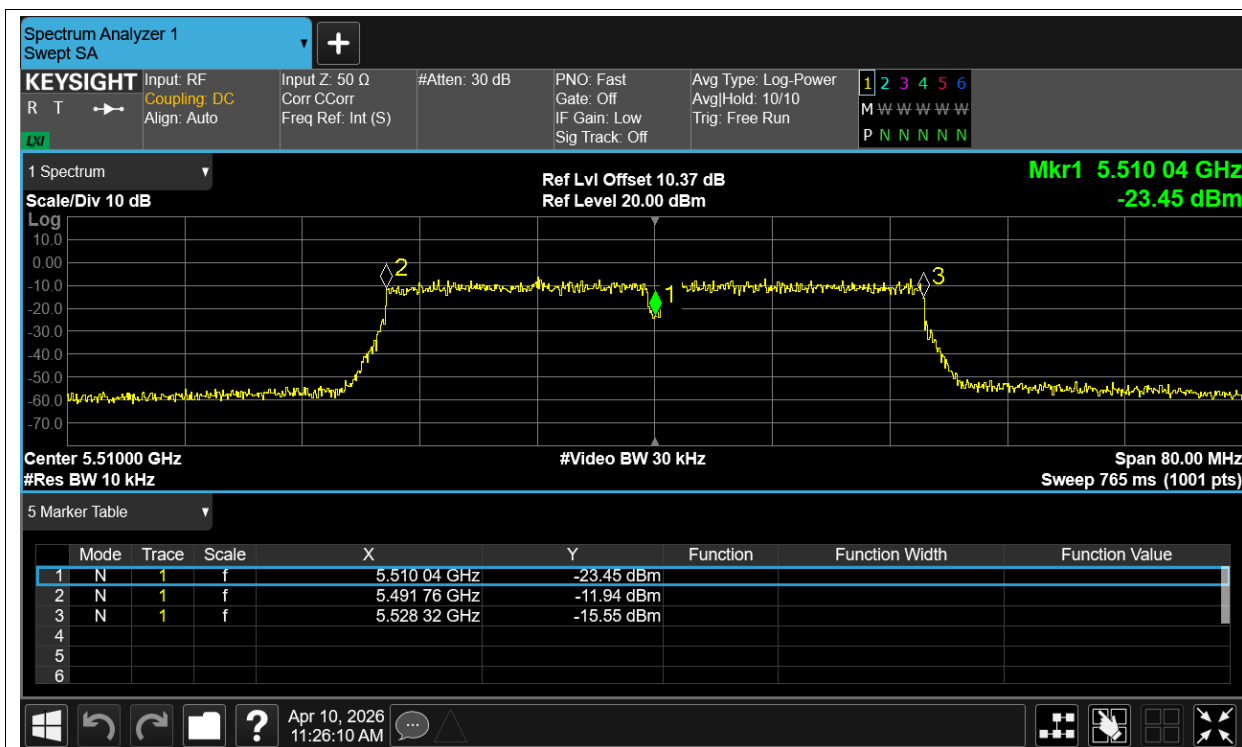
Freq. Stability NVHT ac40 5510MHz Sum



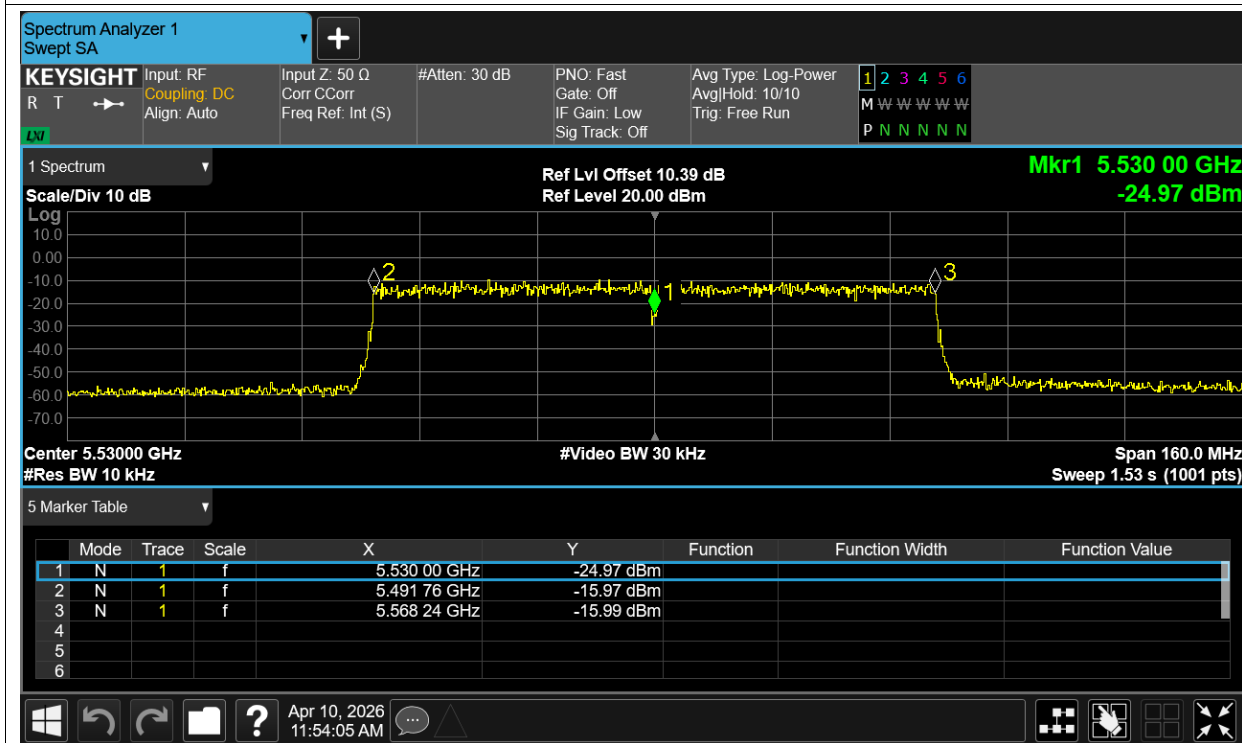
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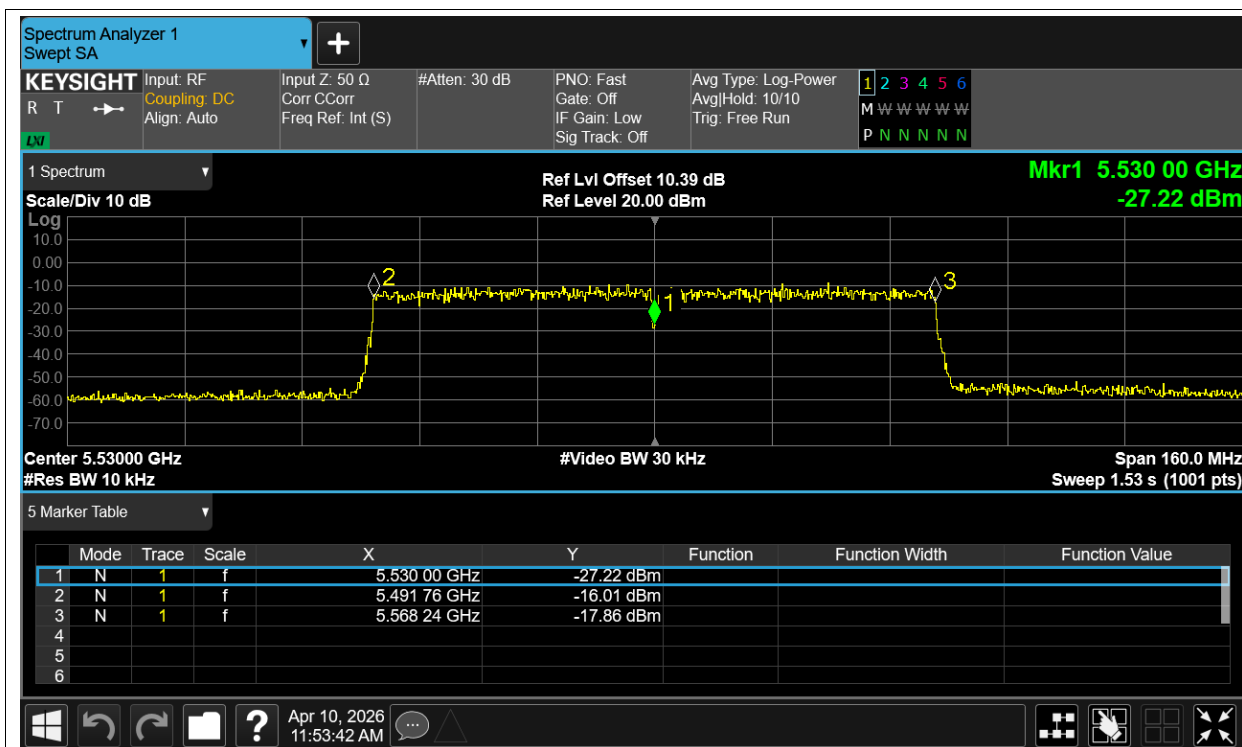
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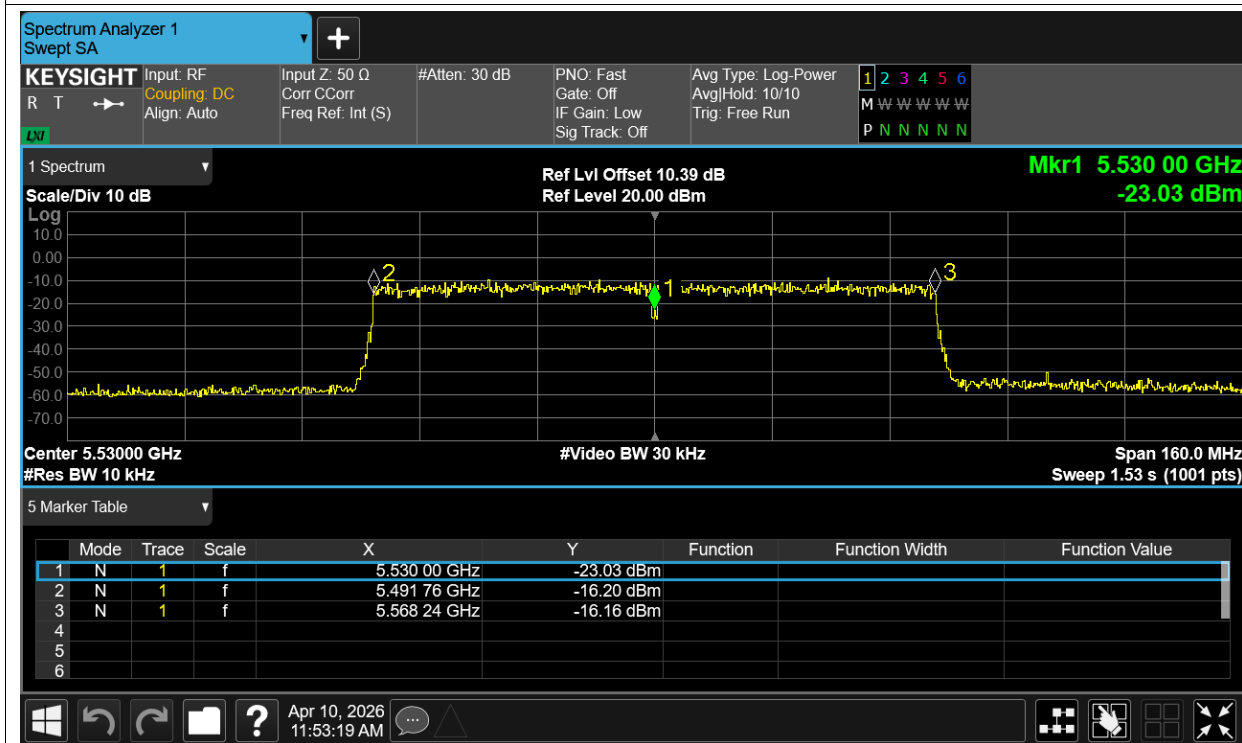
Freq. Stability HVNT ac80 5530MHz Sum



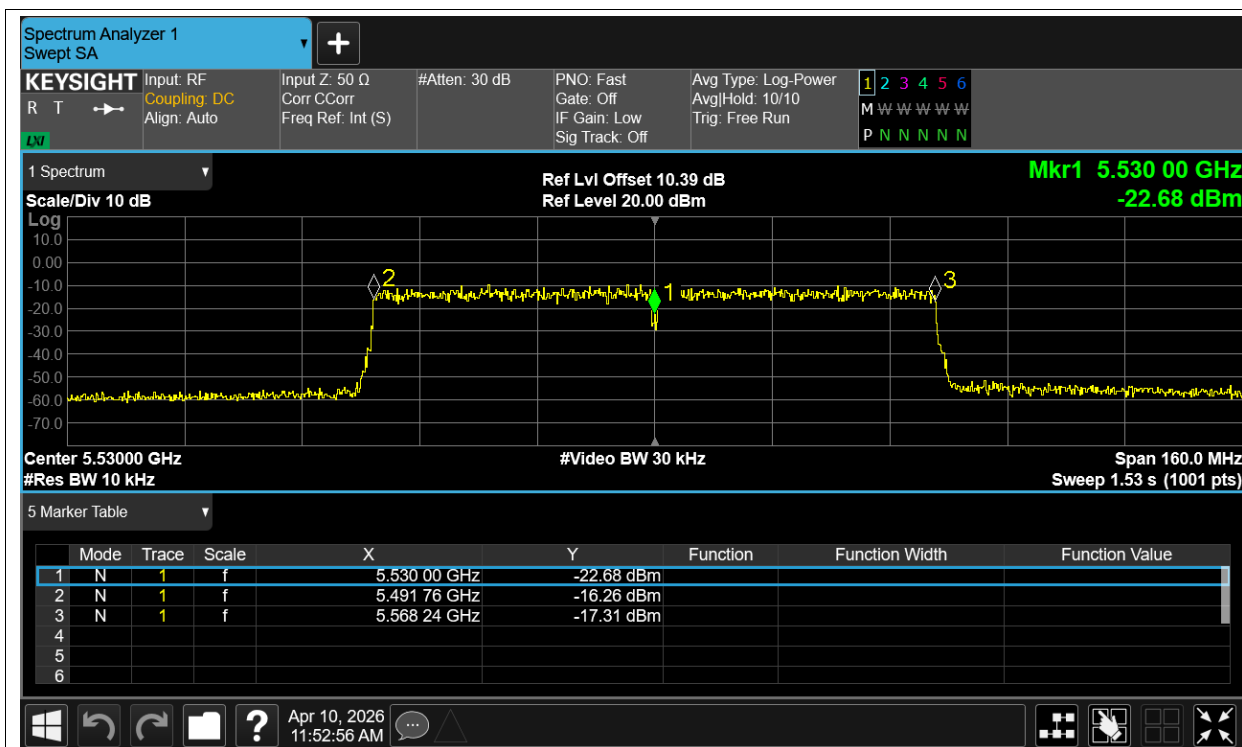
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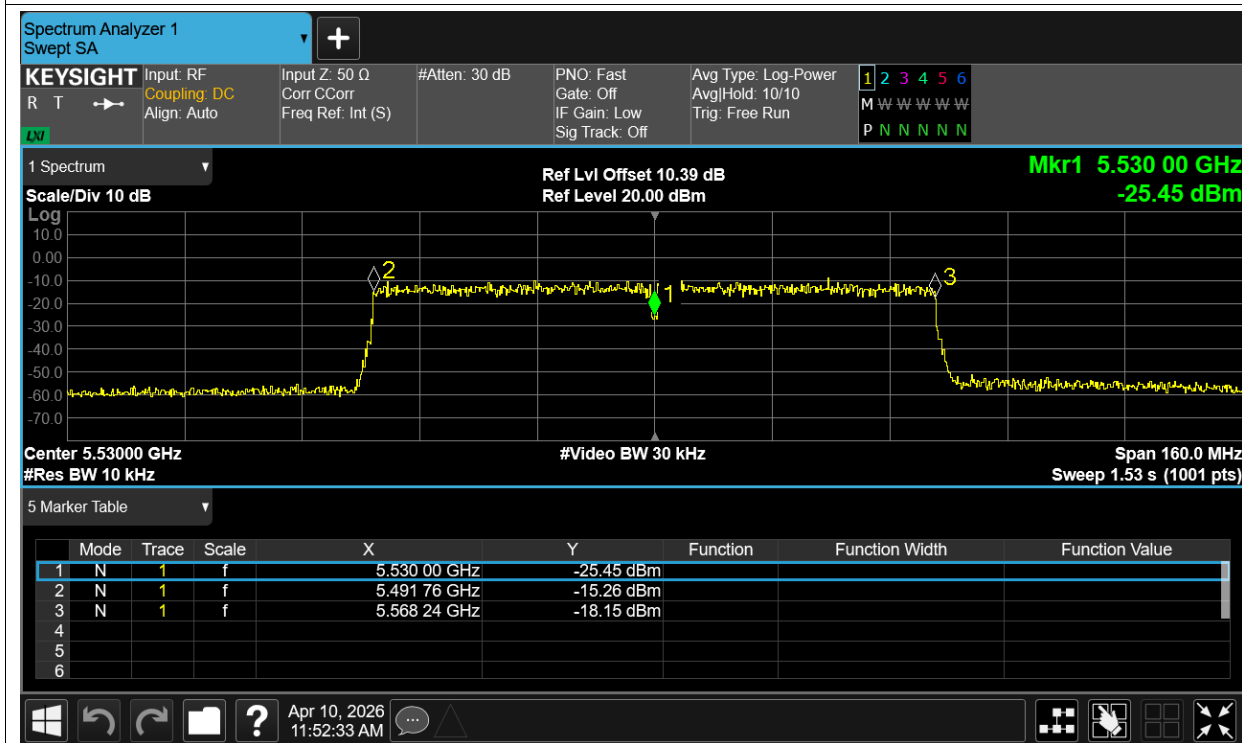
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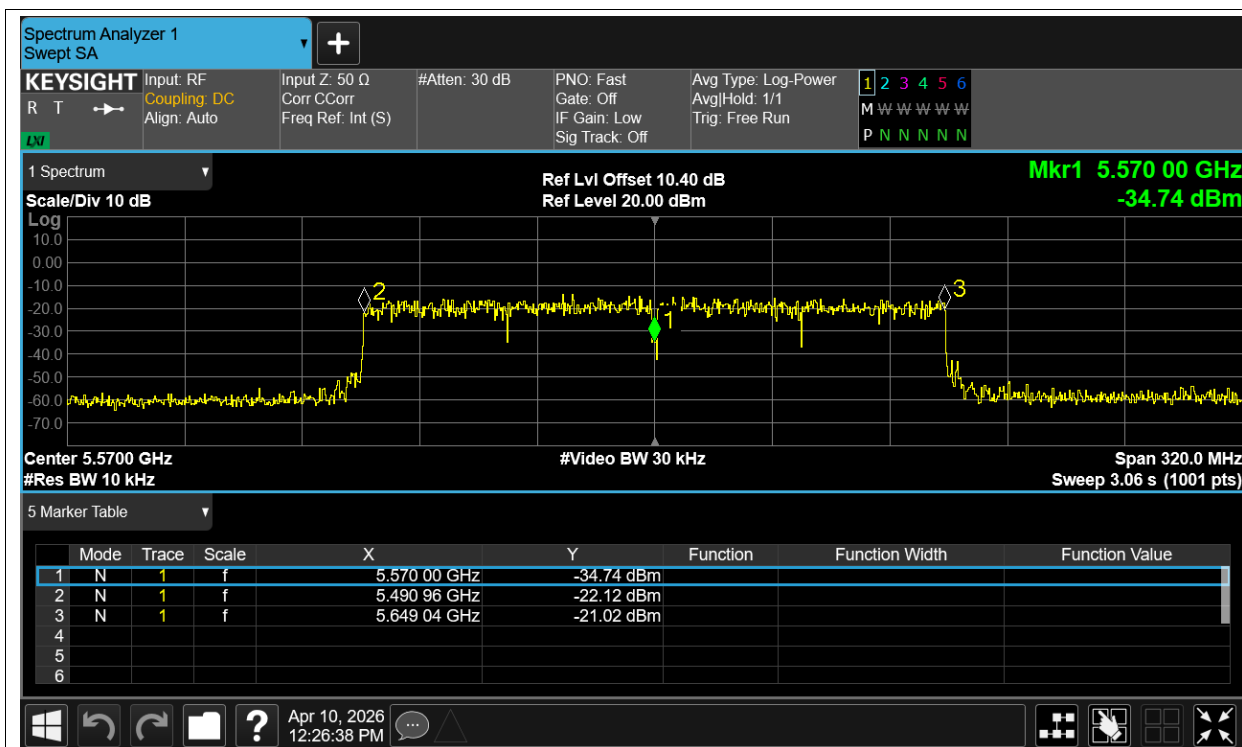
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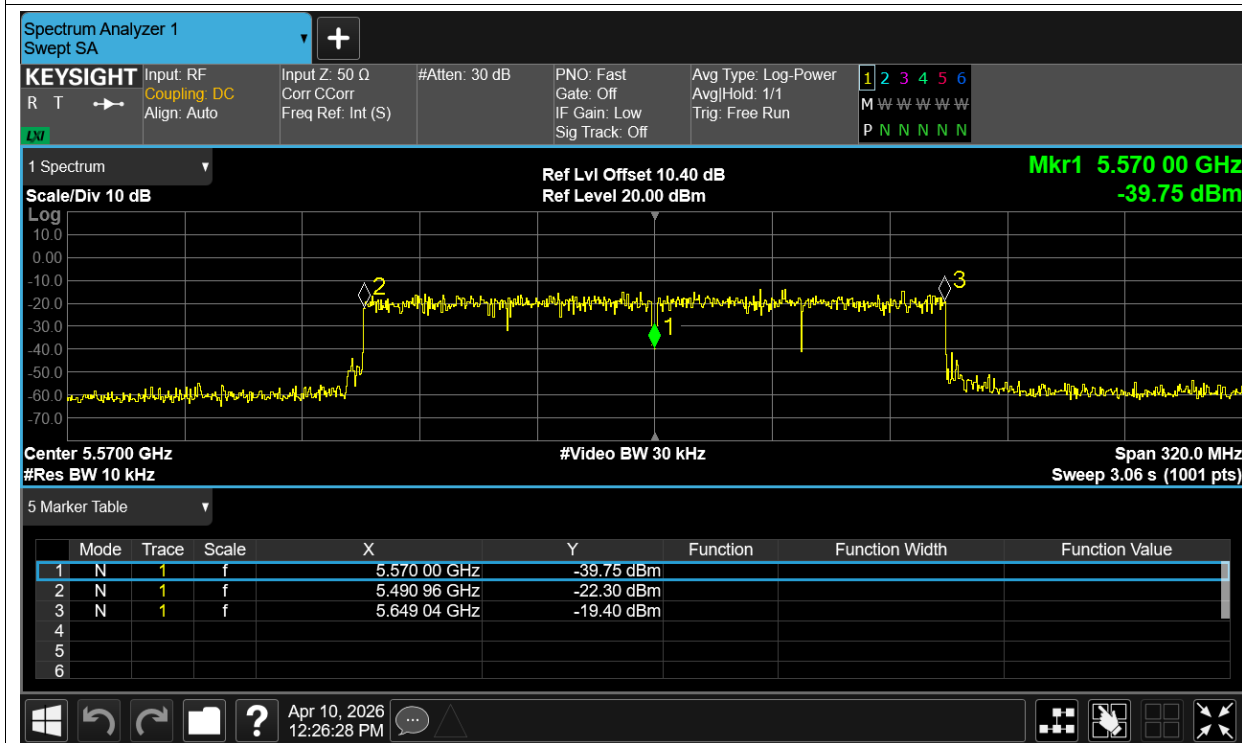
Freq. Stability NVNT ac80 5530MHz Sum



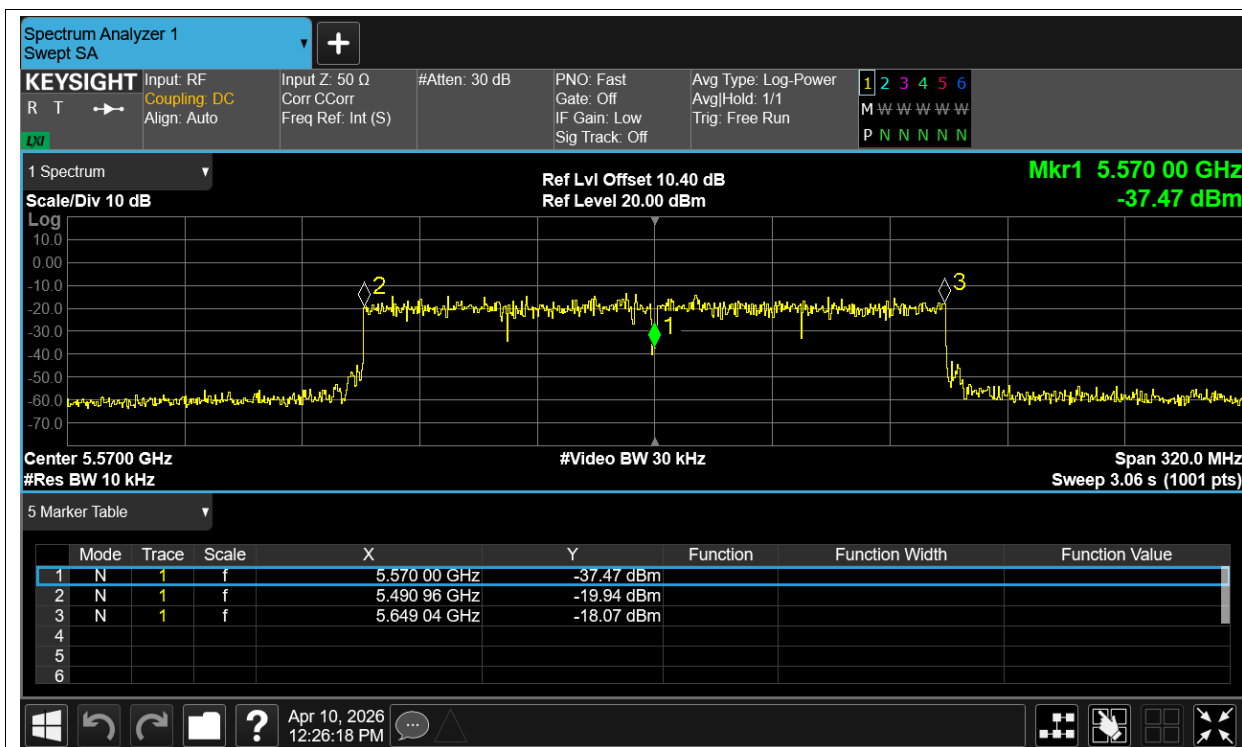
Freq. Stability HVNT ax160 5570MHz Sum



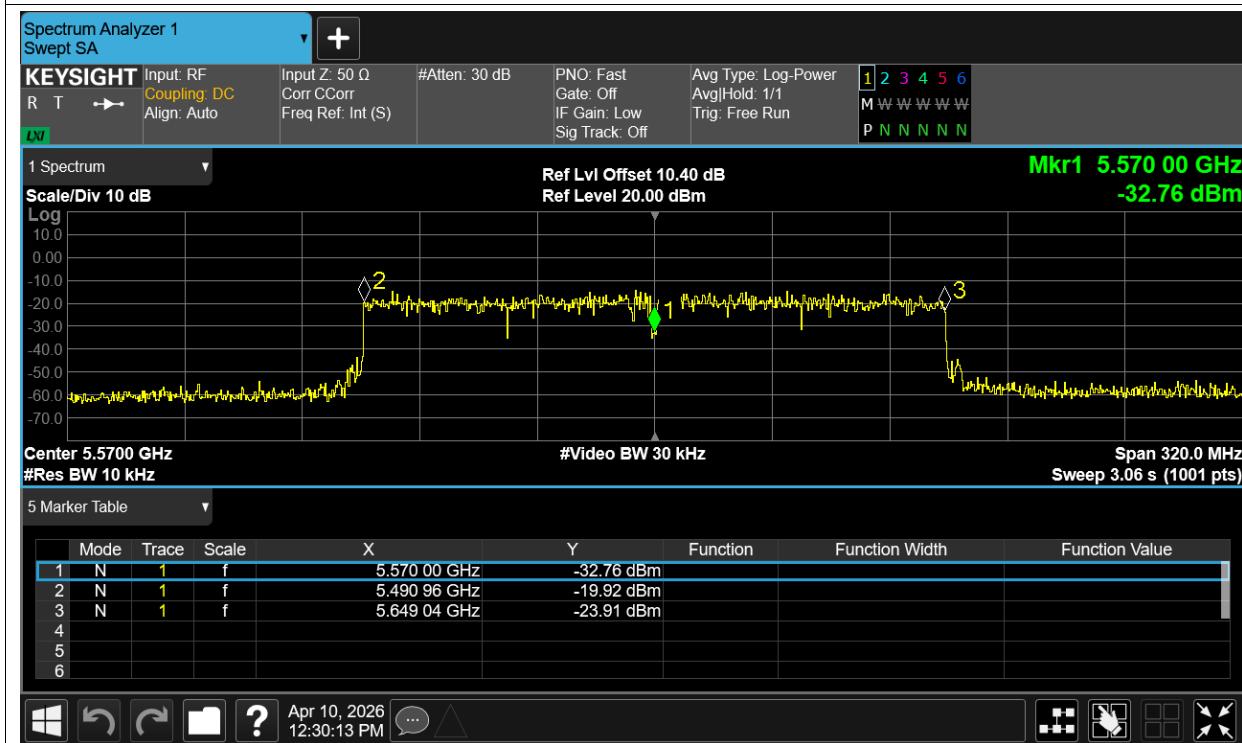
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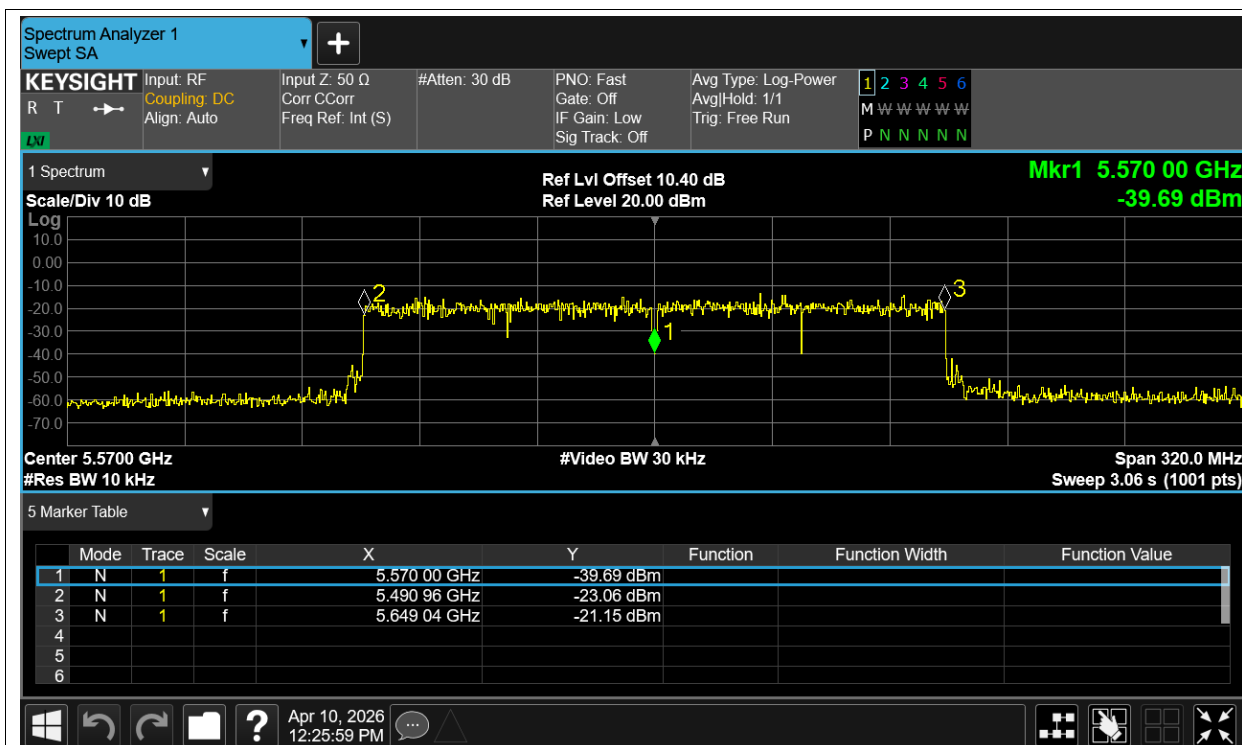
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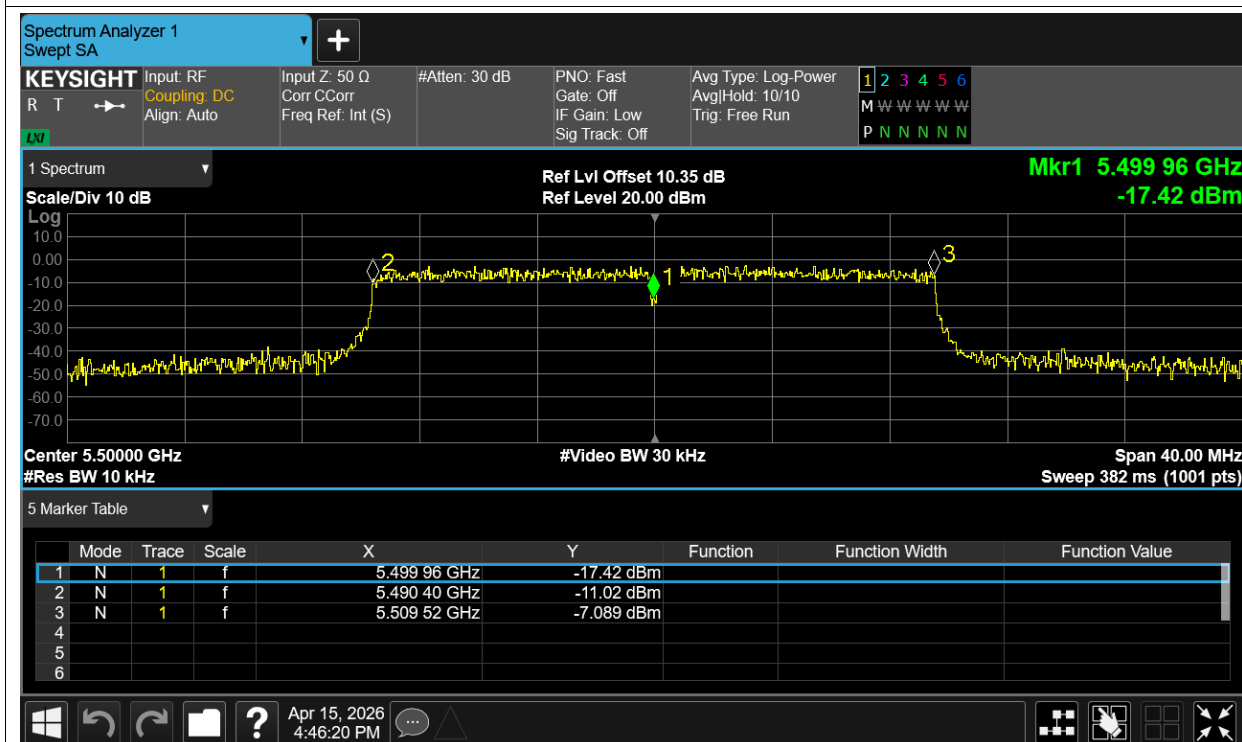
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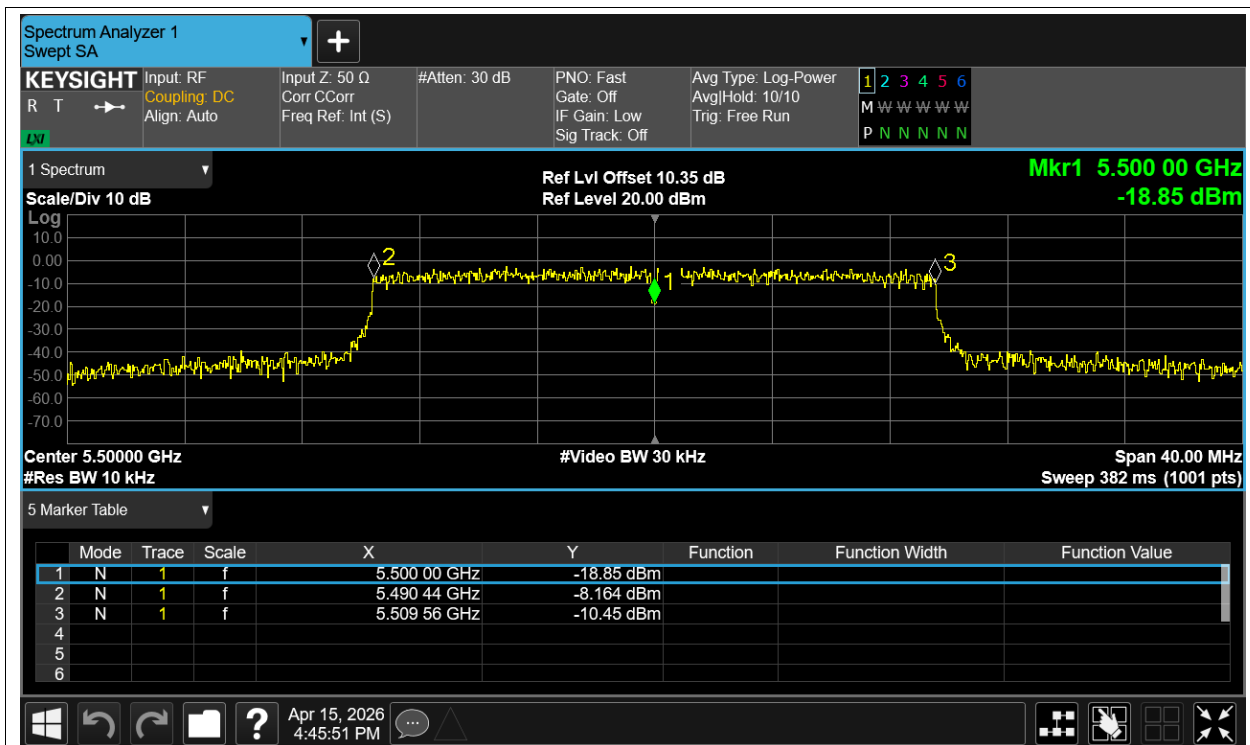
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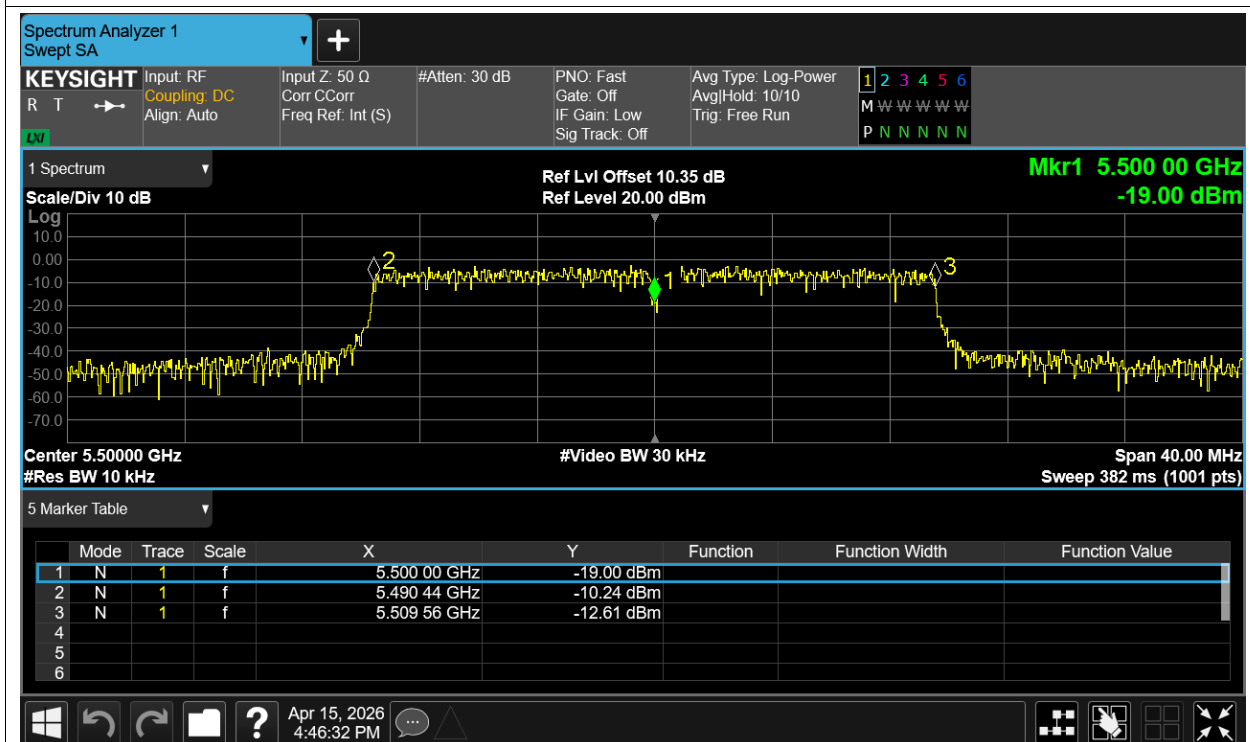
Freq. Stability HVNT ax20 5500MHz Sum



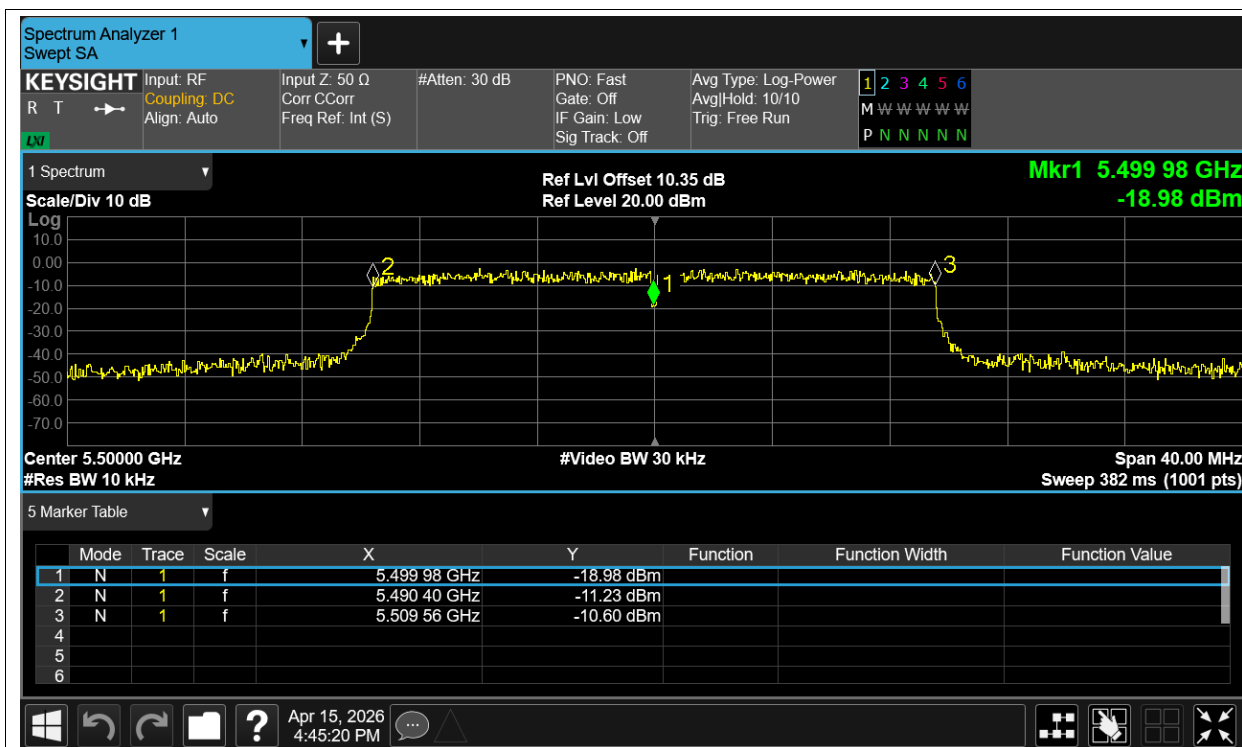
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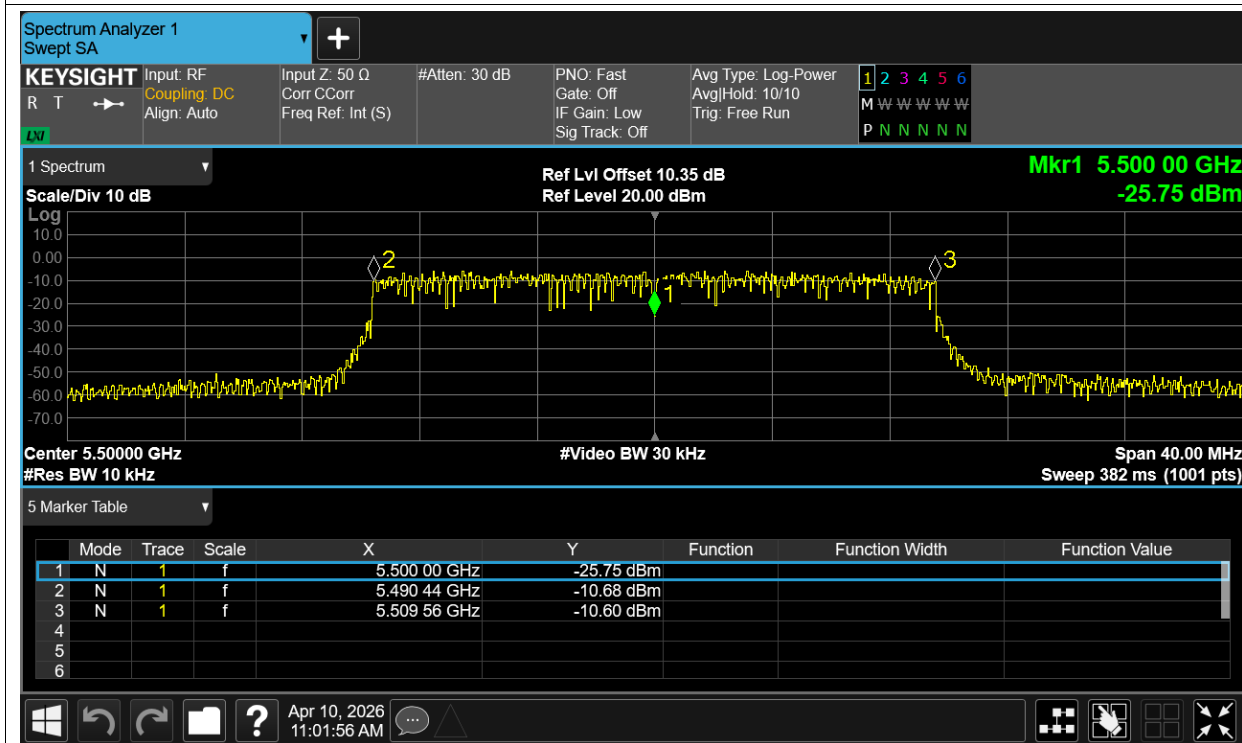
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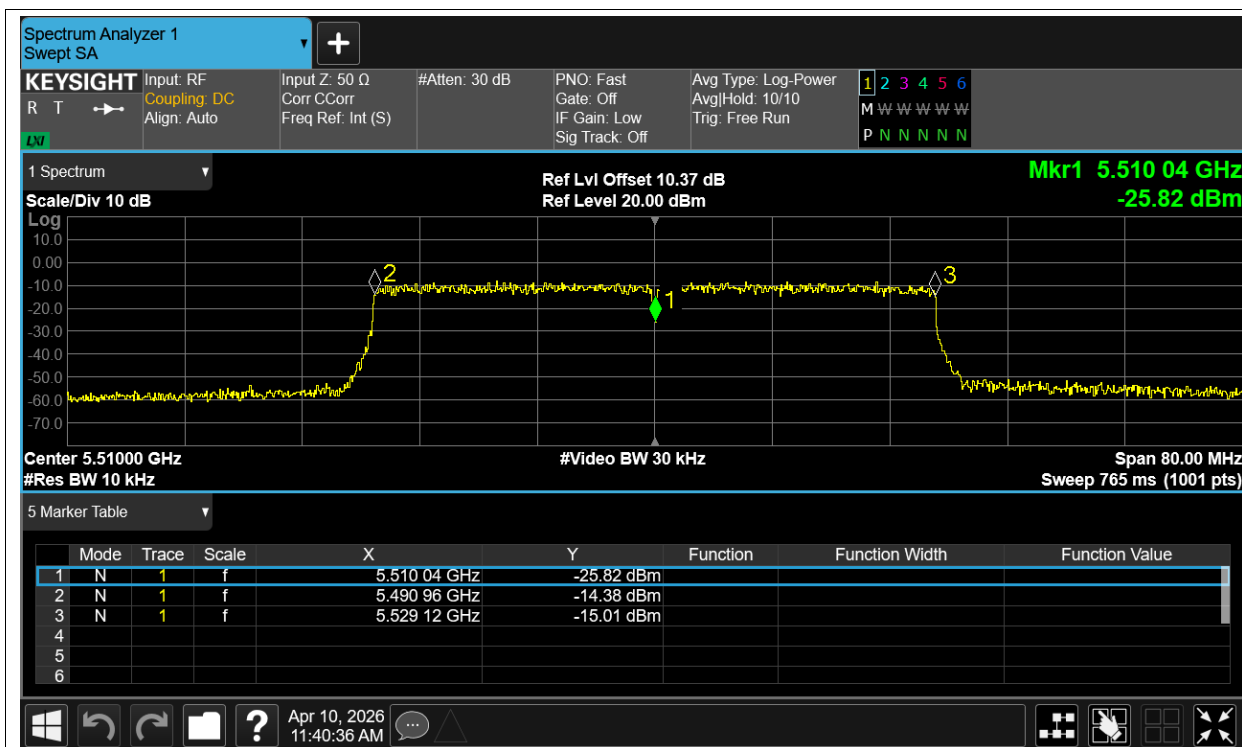
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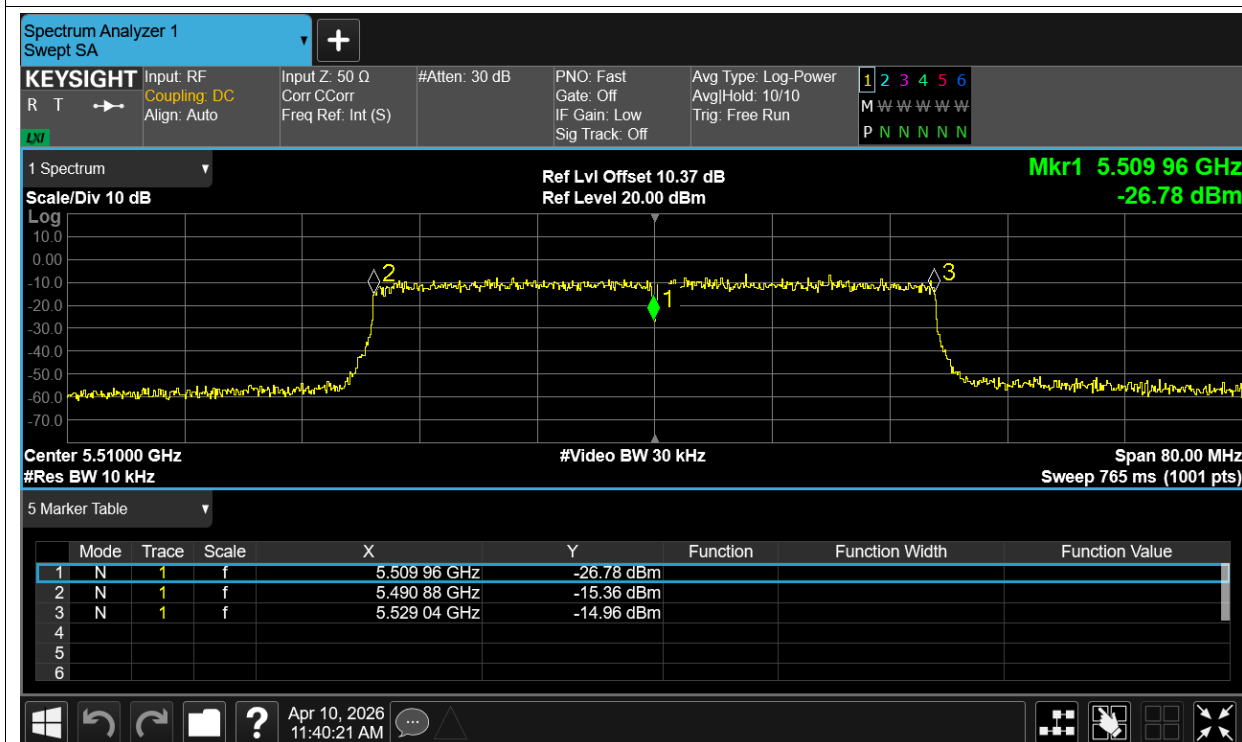
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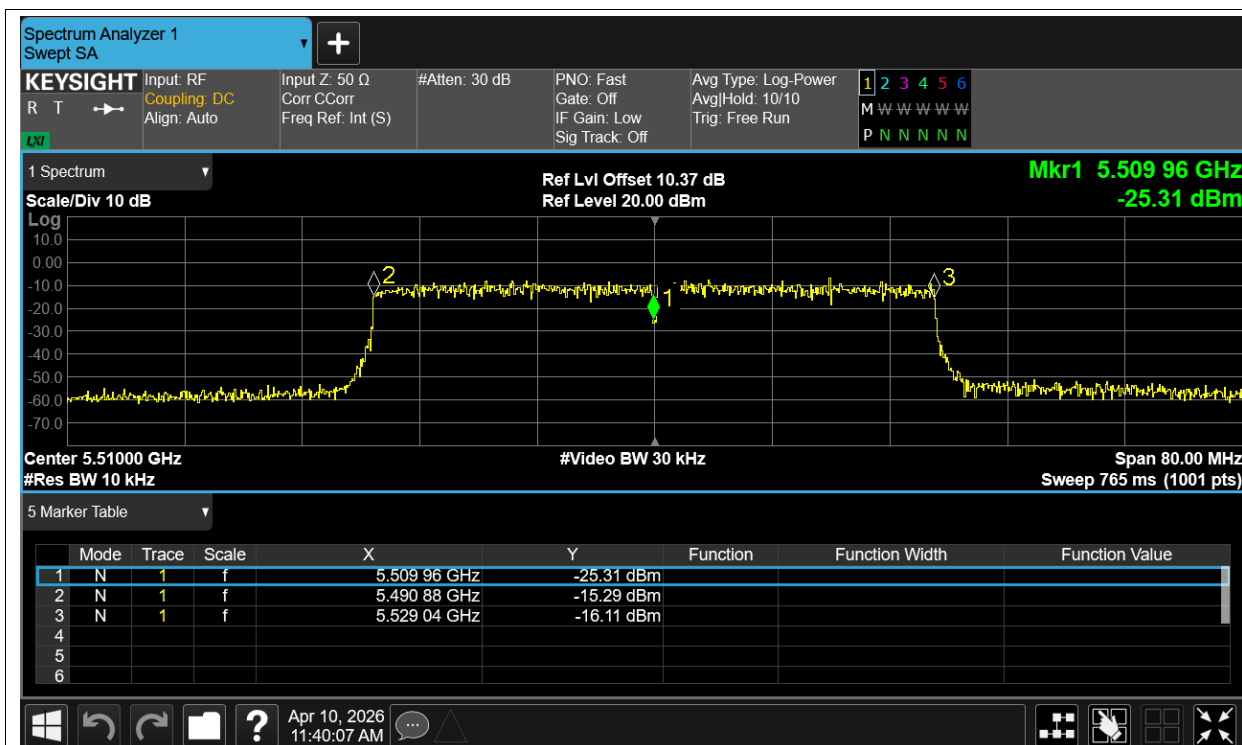
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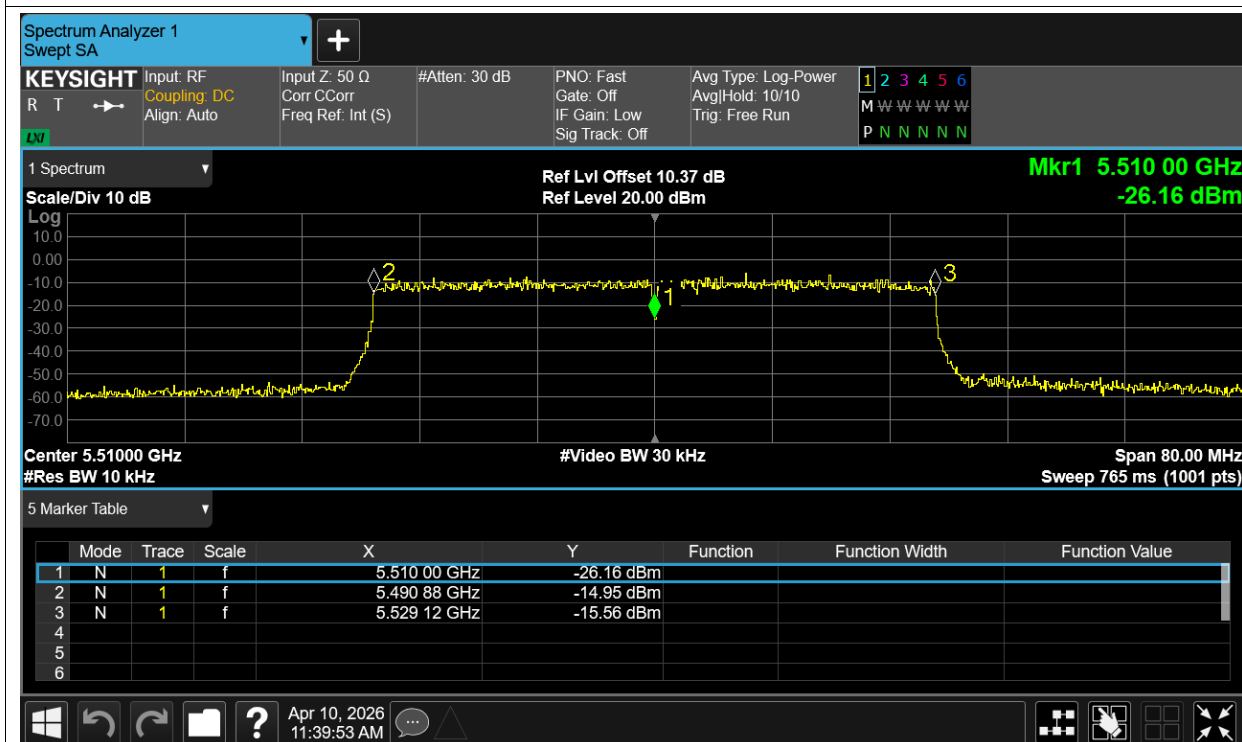
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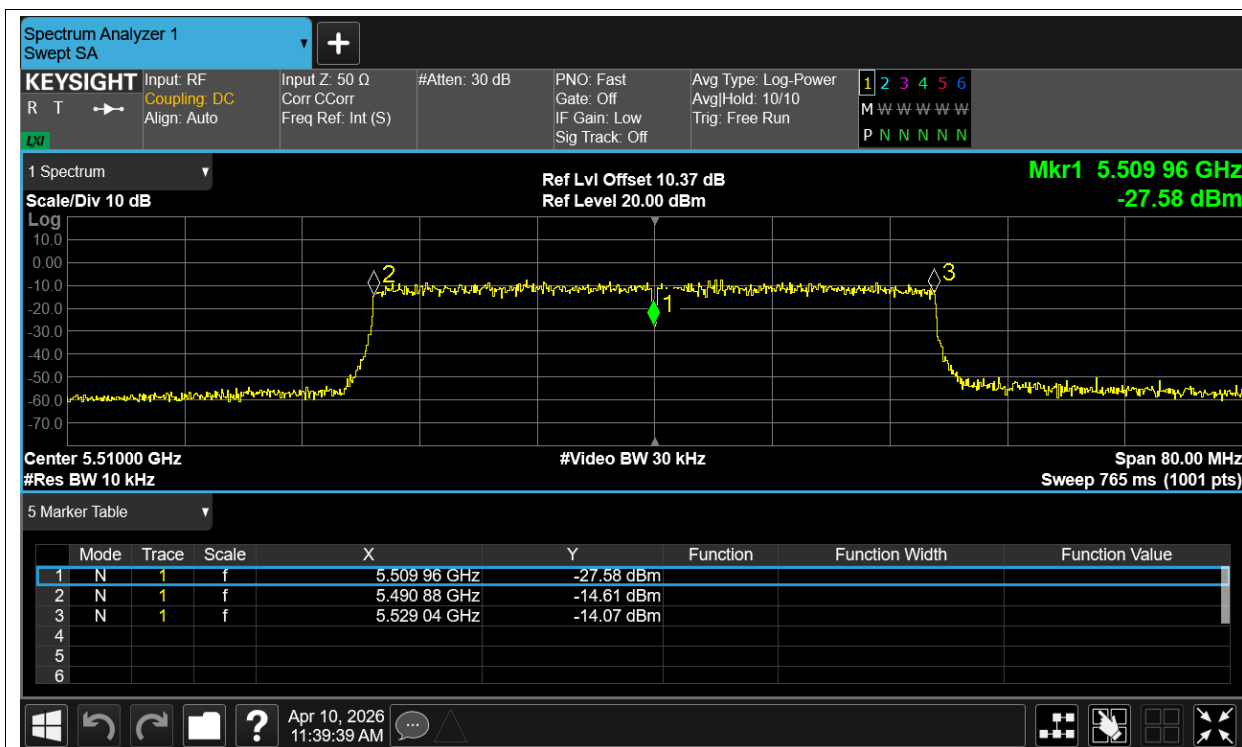
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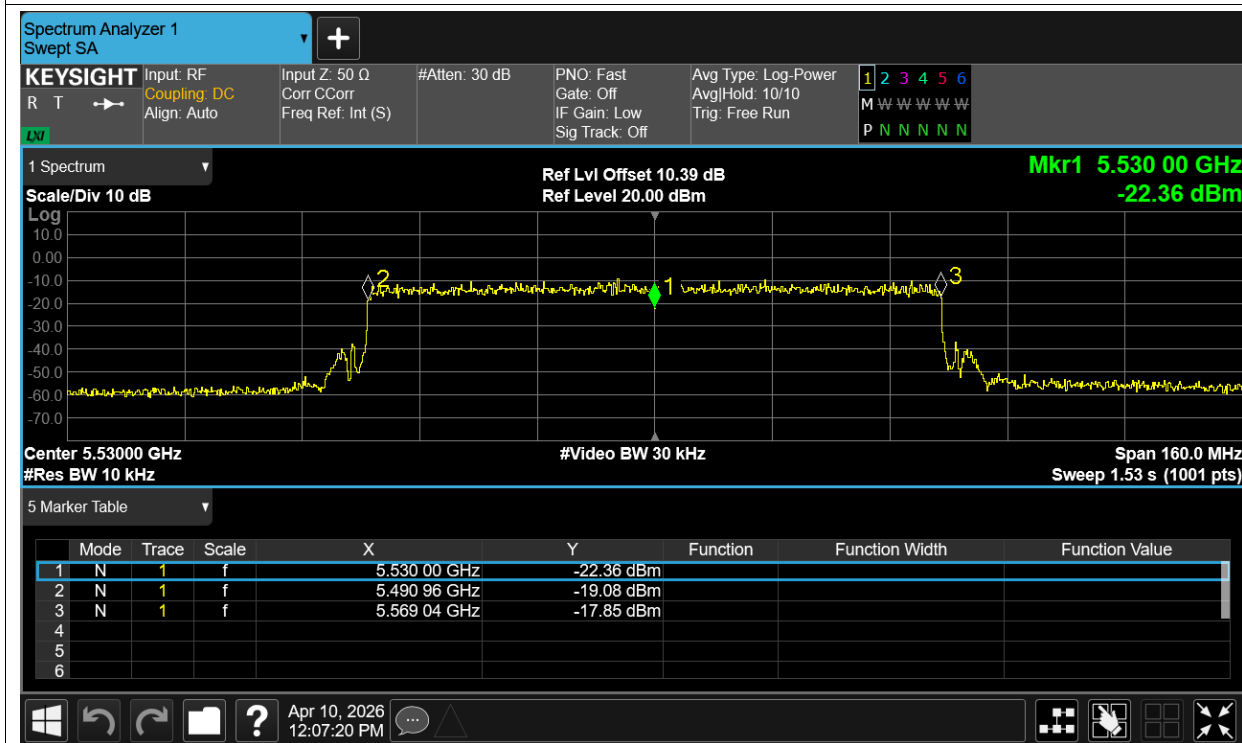
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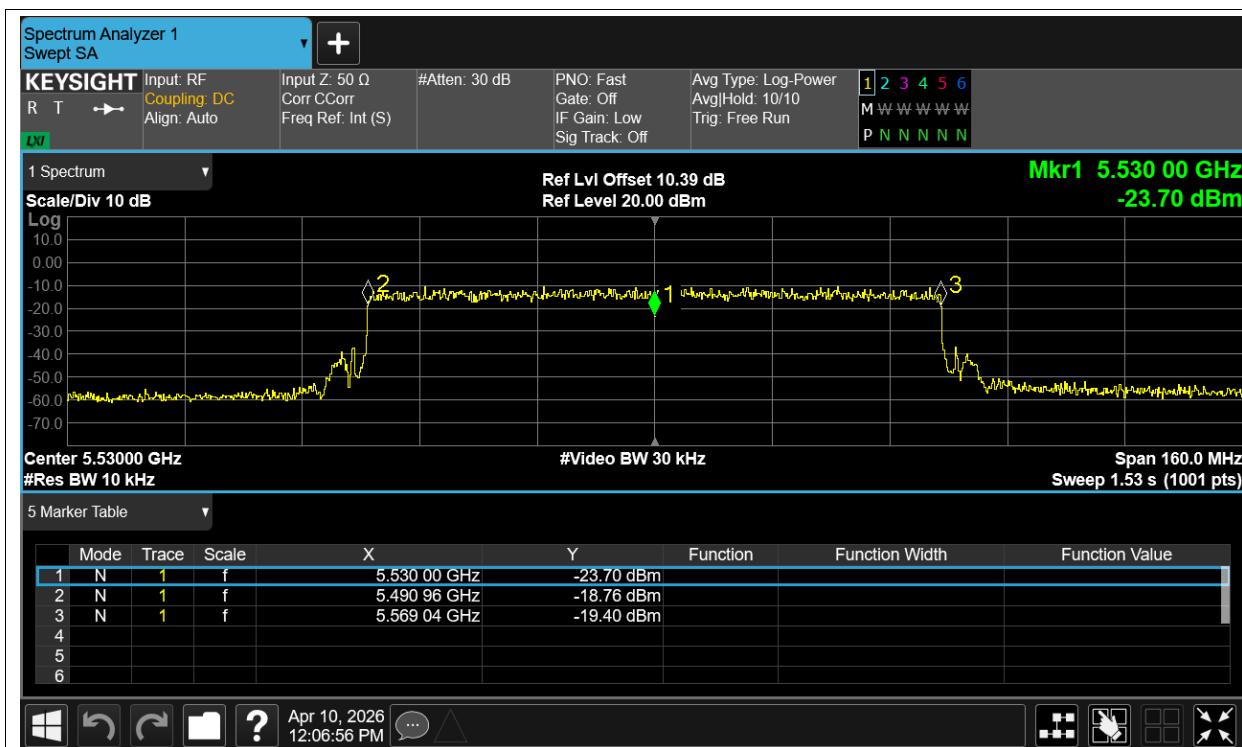
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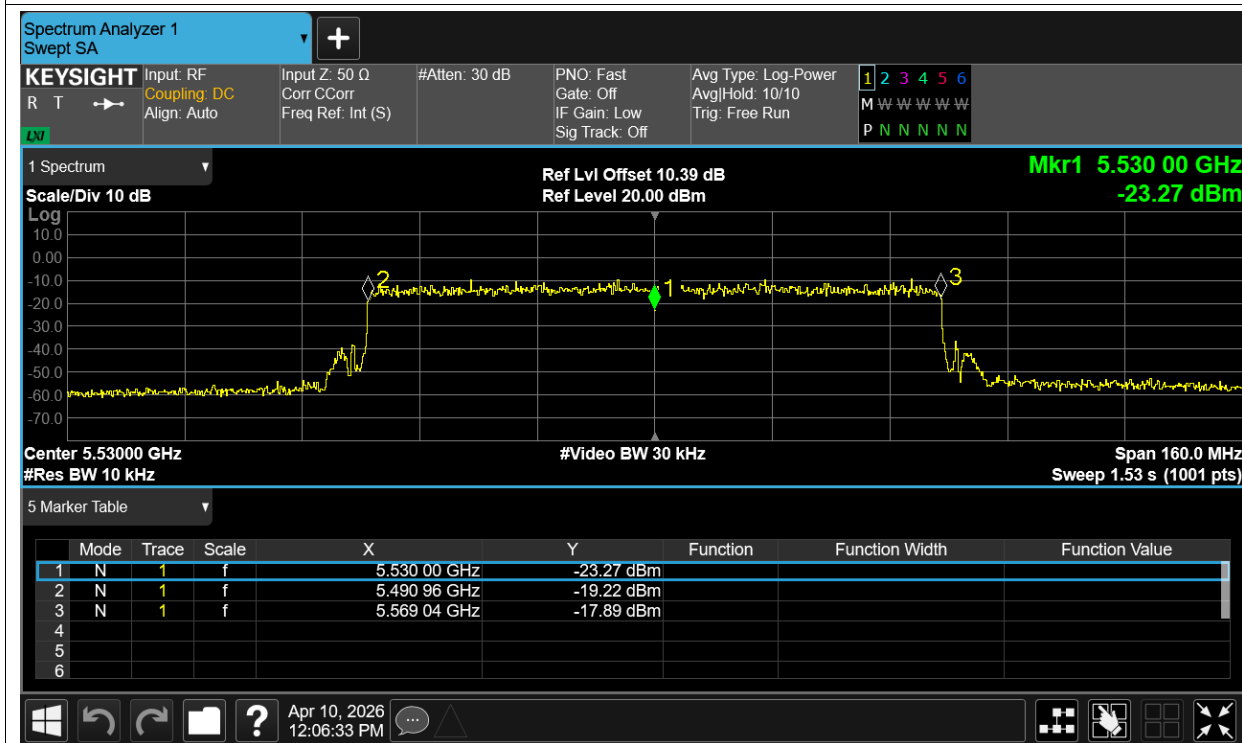
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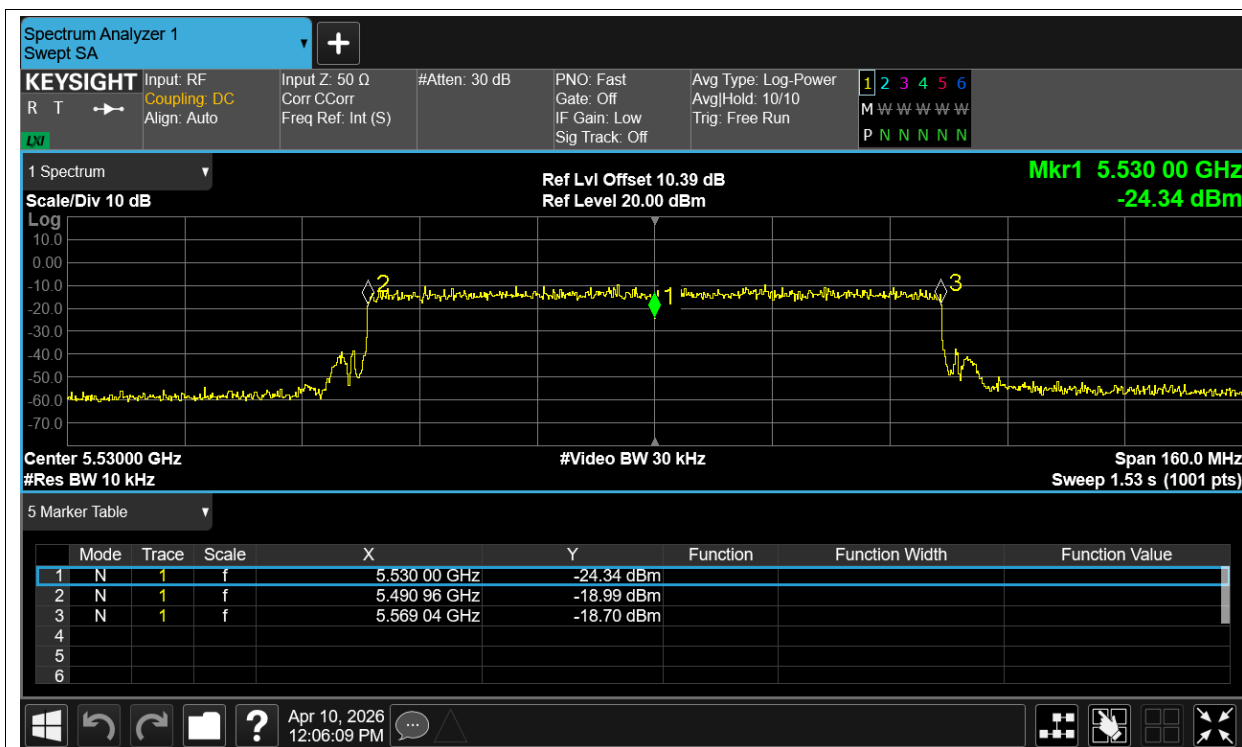
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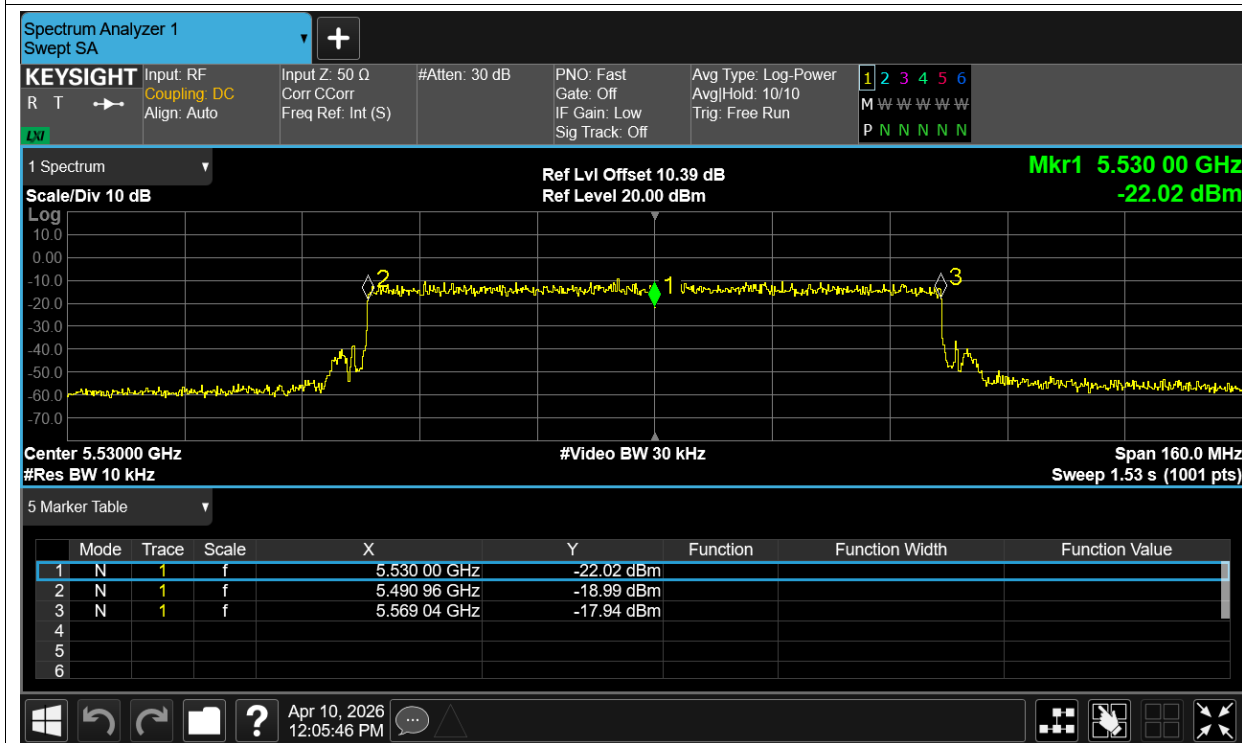
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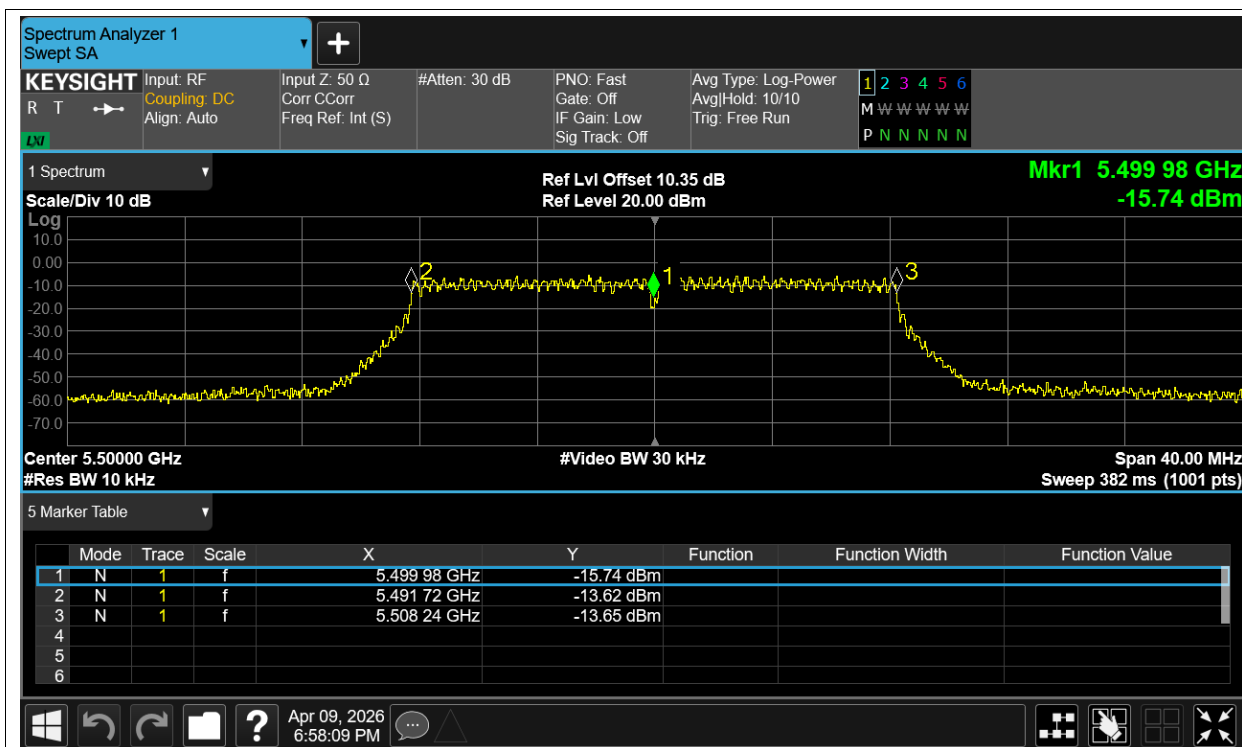
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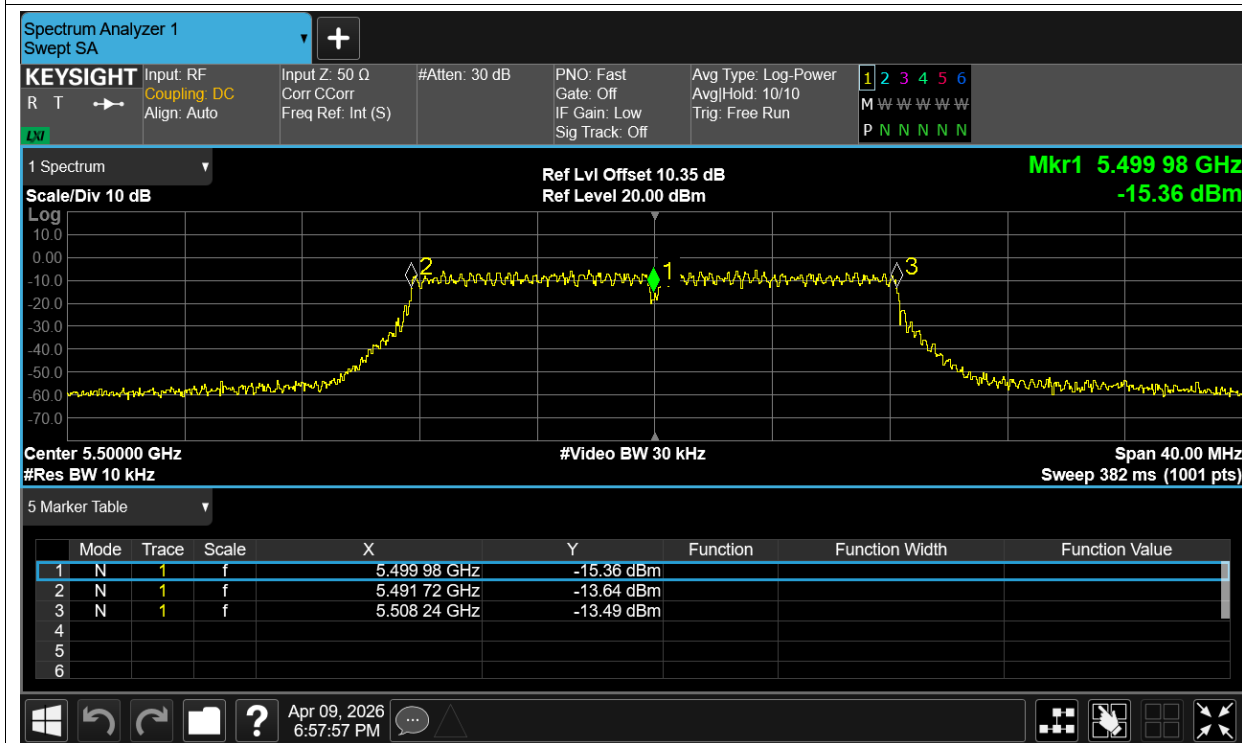
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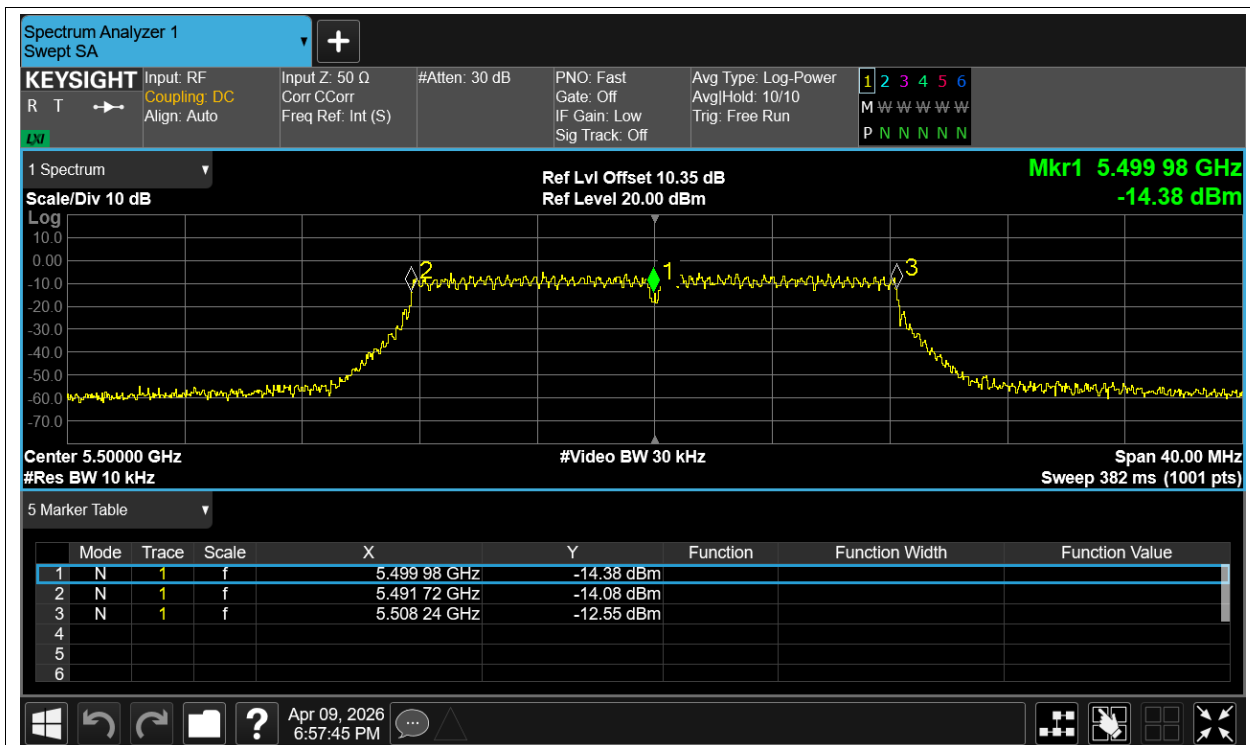
Freq. Stability HVNT n20 5500MHz Sum



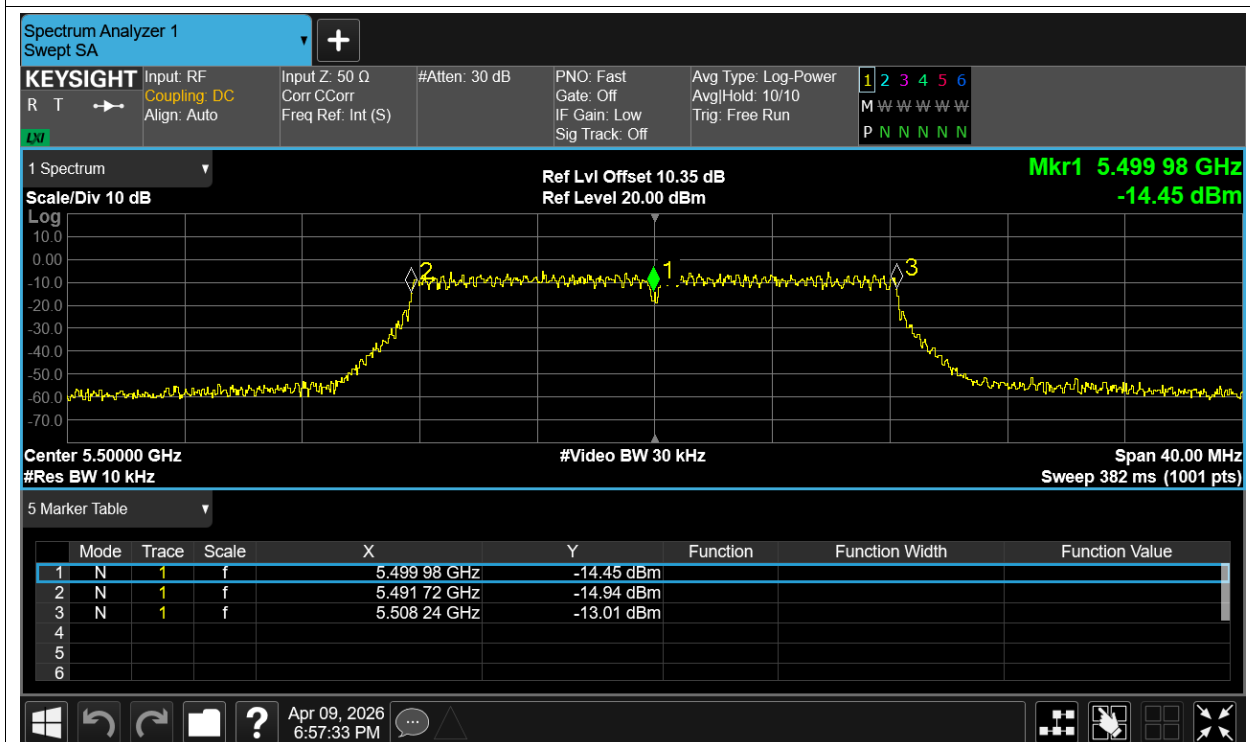
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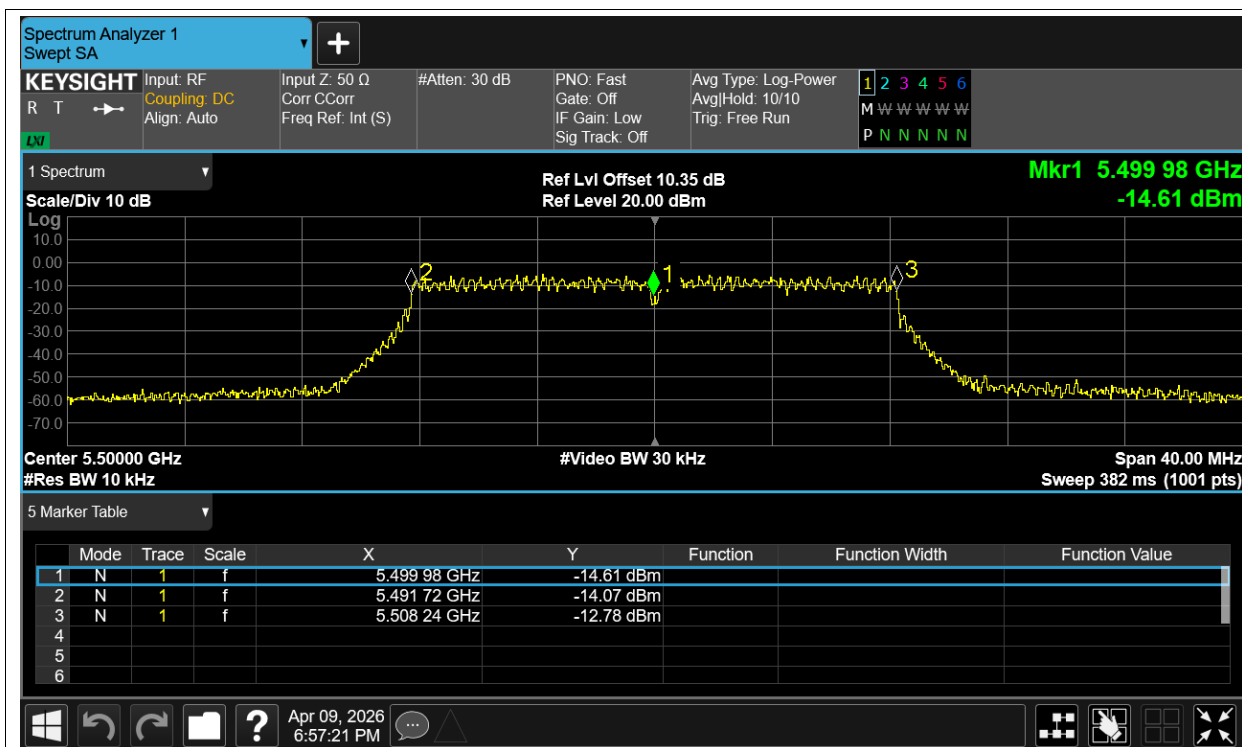
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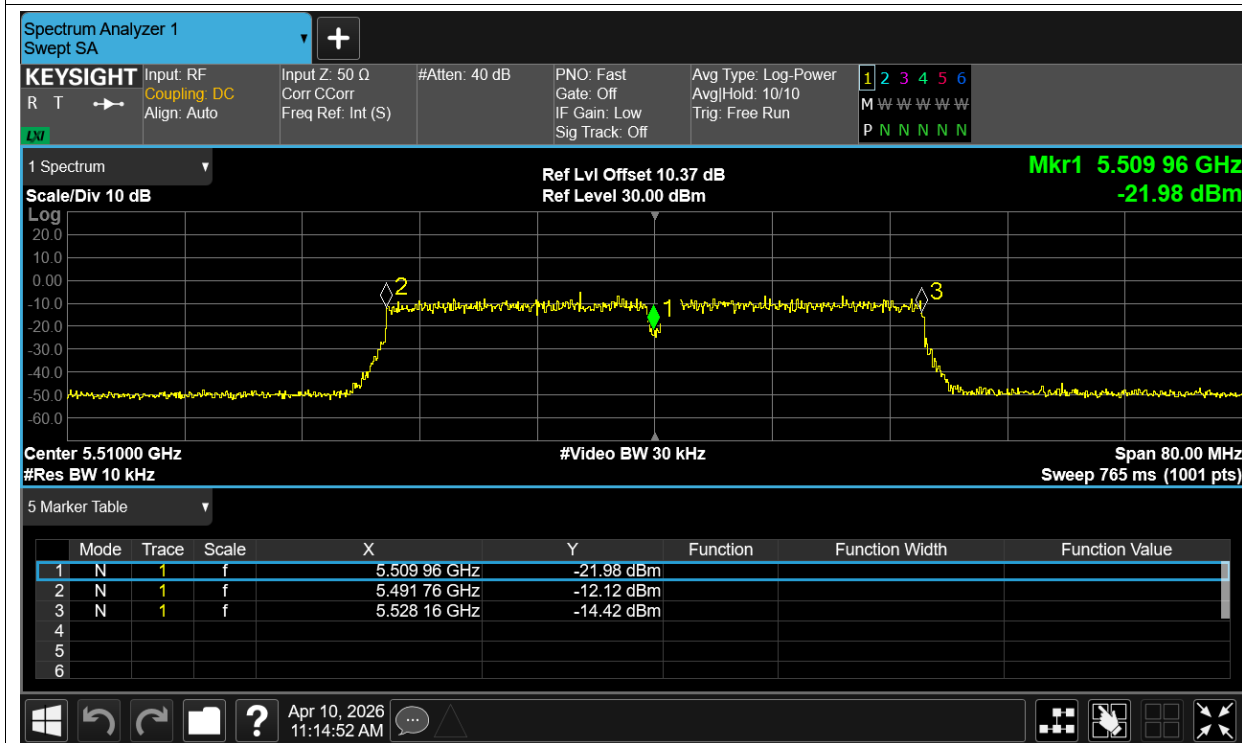
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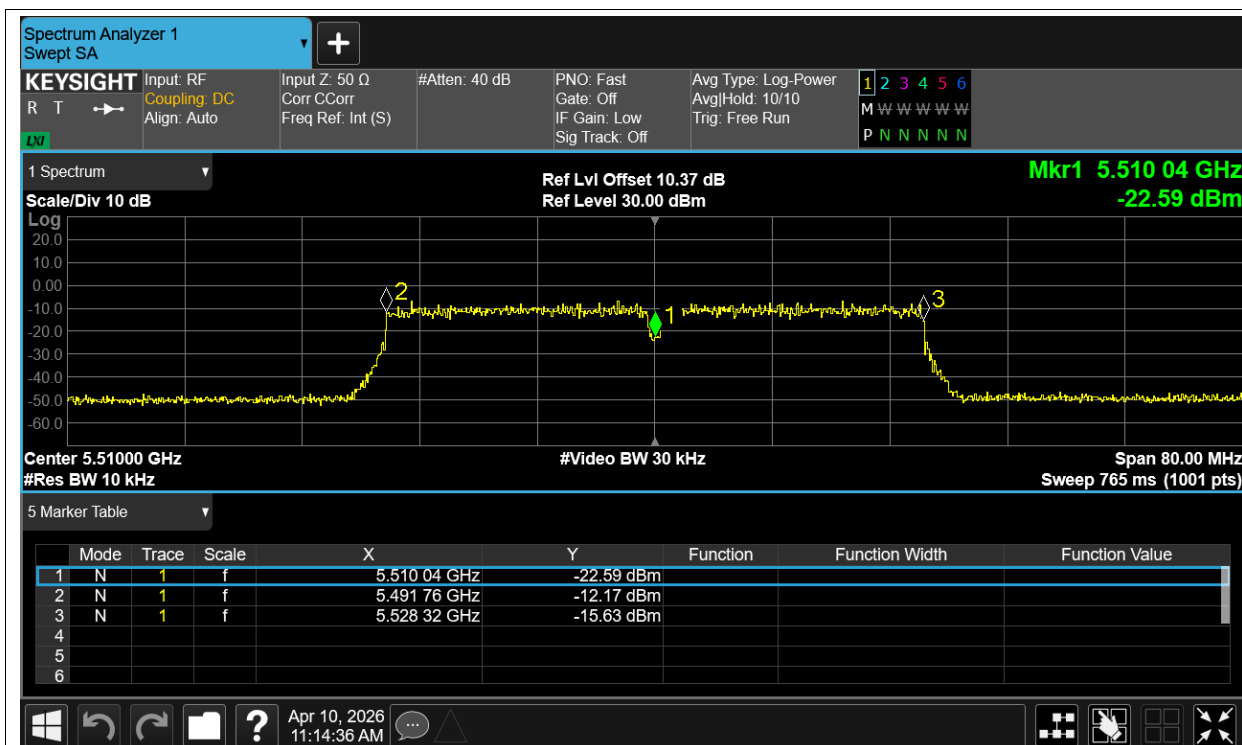
Freq. Stability NVNT n20 5500MHz Sum



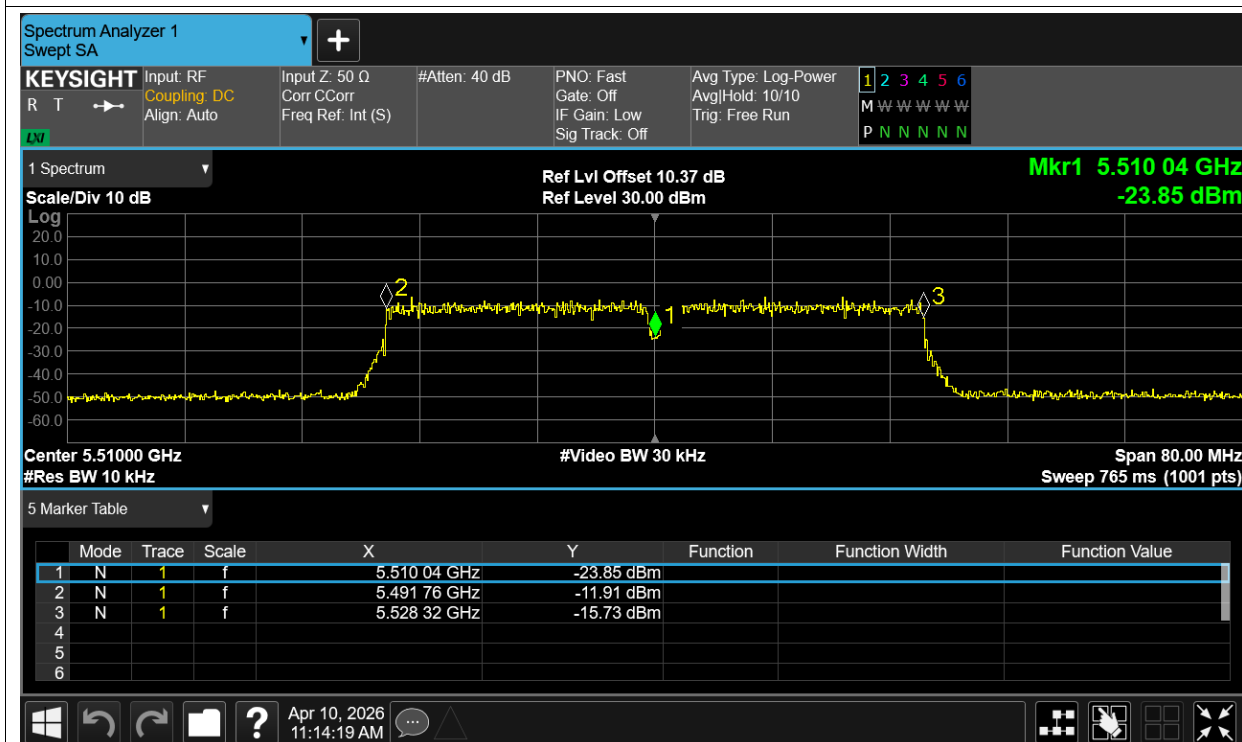
Freq. Stability HVNT n40 5510MHz Sum



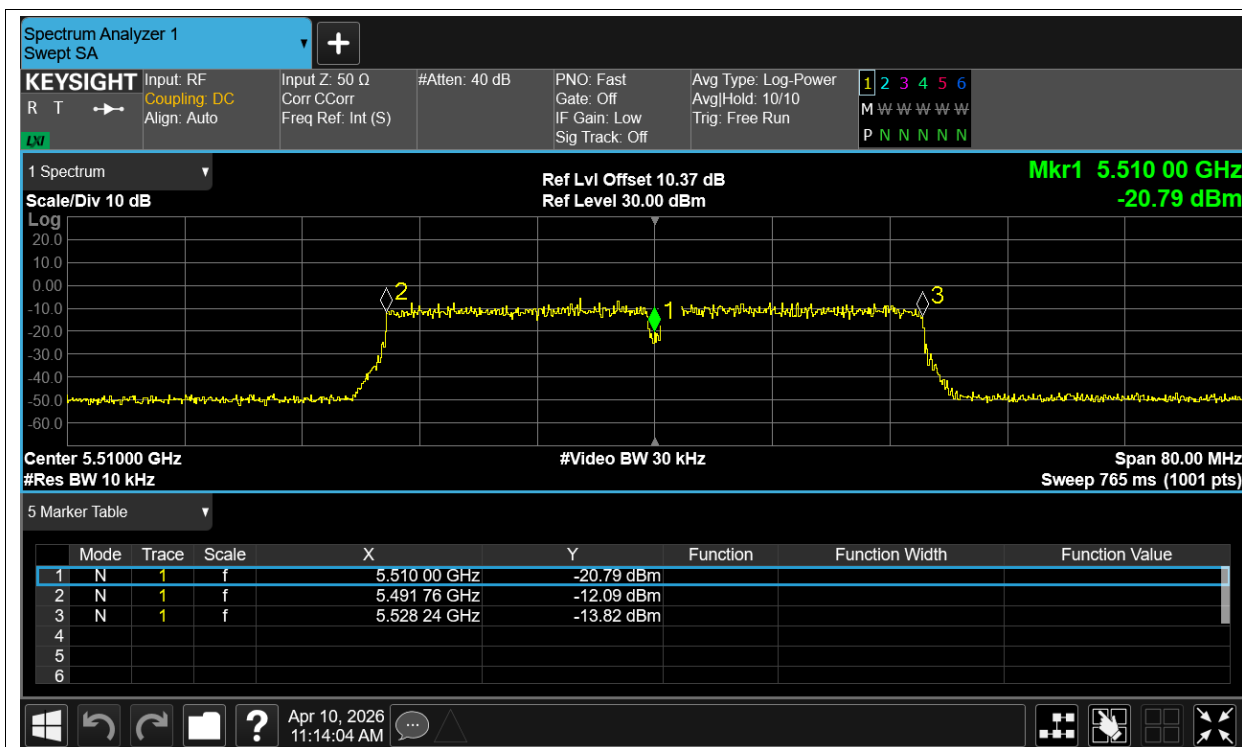
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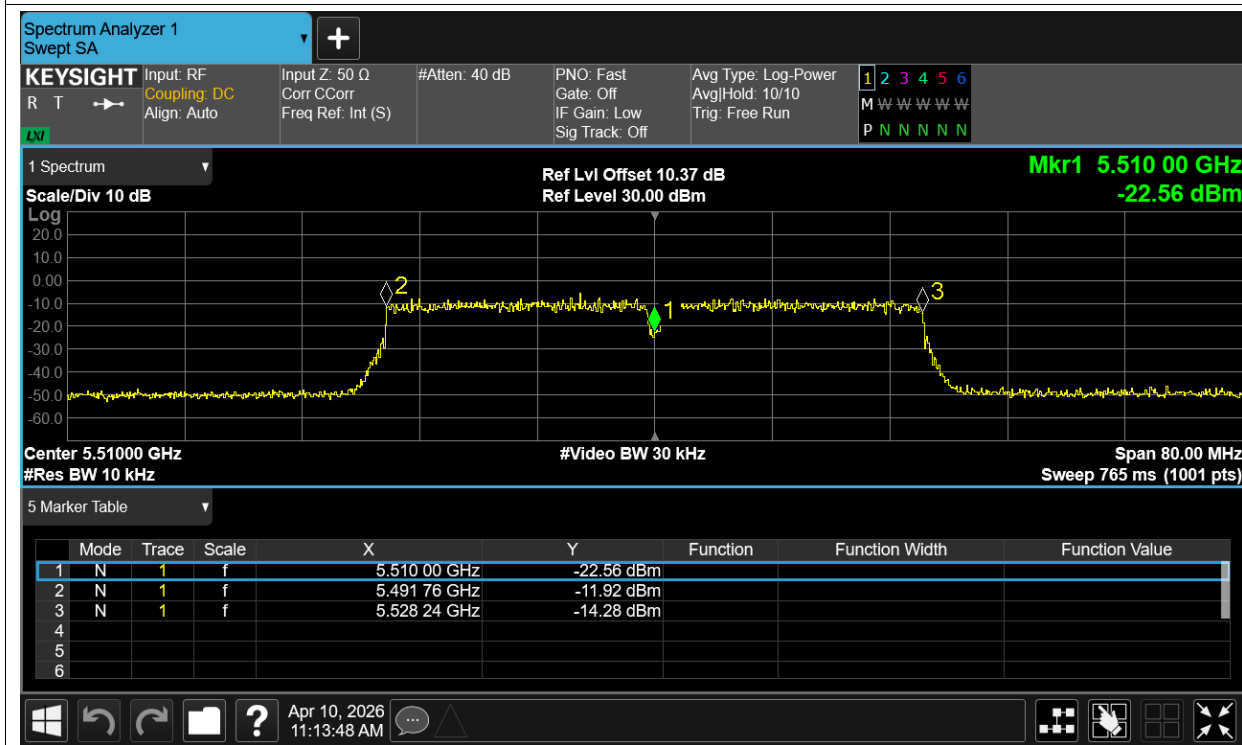
Freq. Stability NVHT n40 5510MHz Sum



Freq. Stability NVLT n40 5510MHz Sum

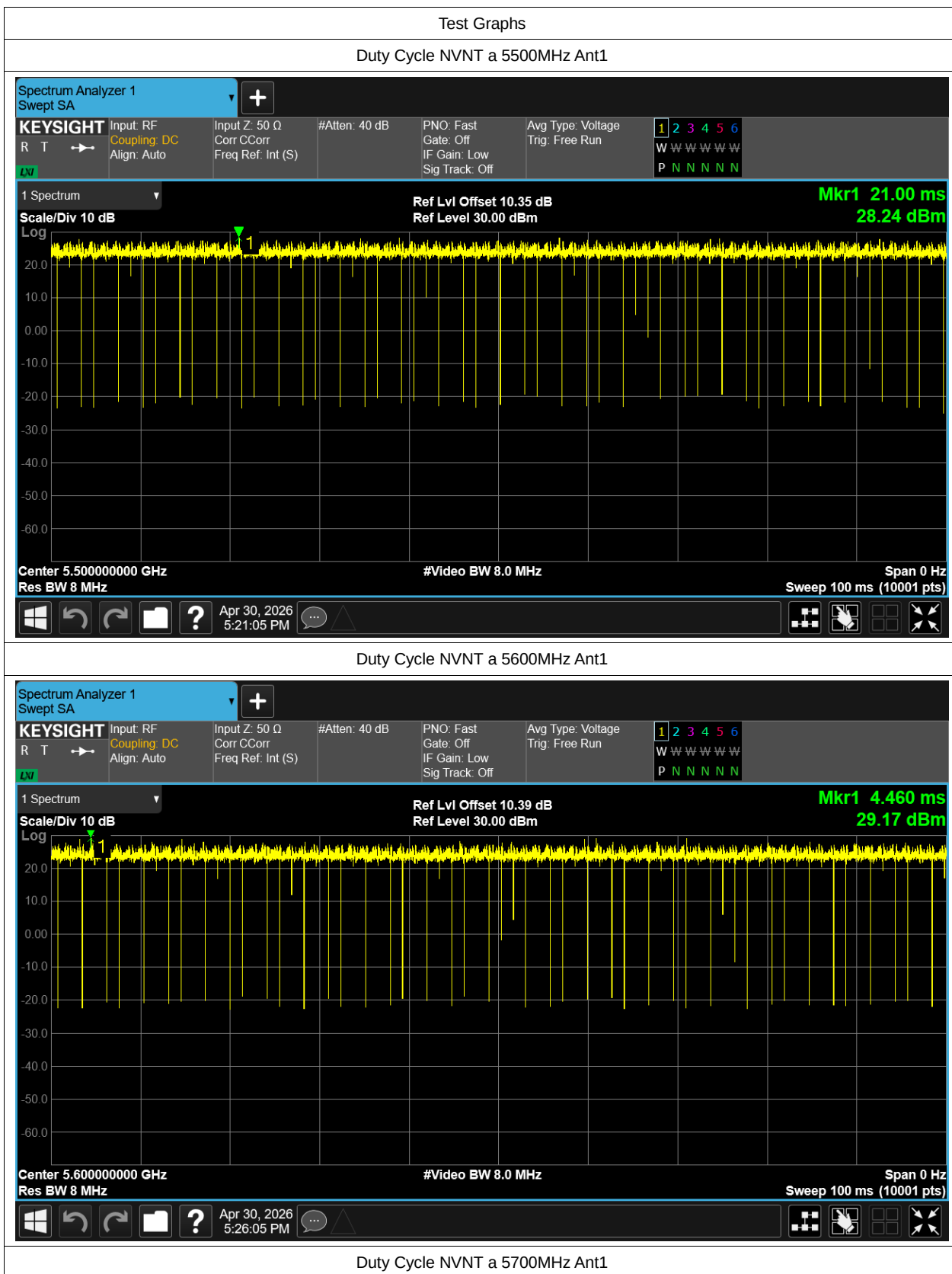


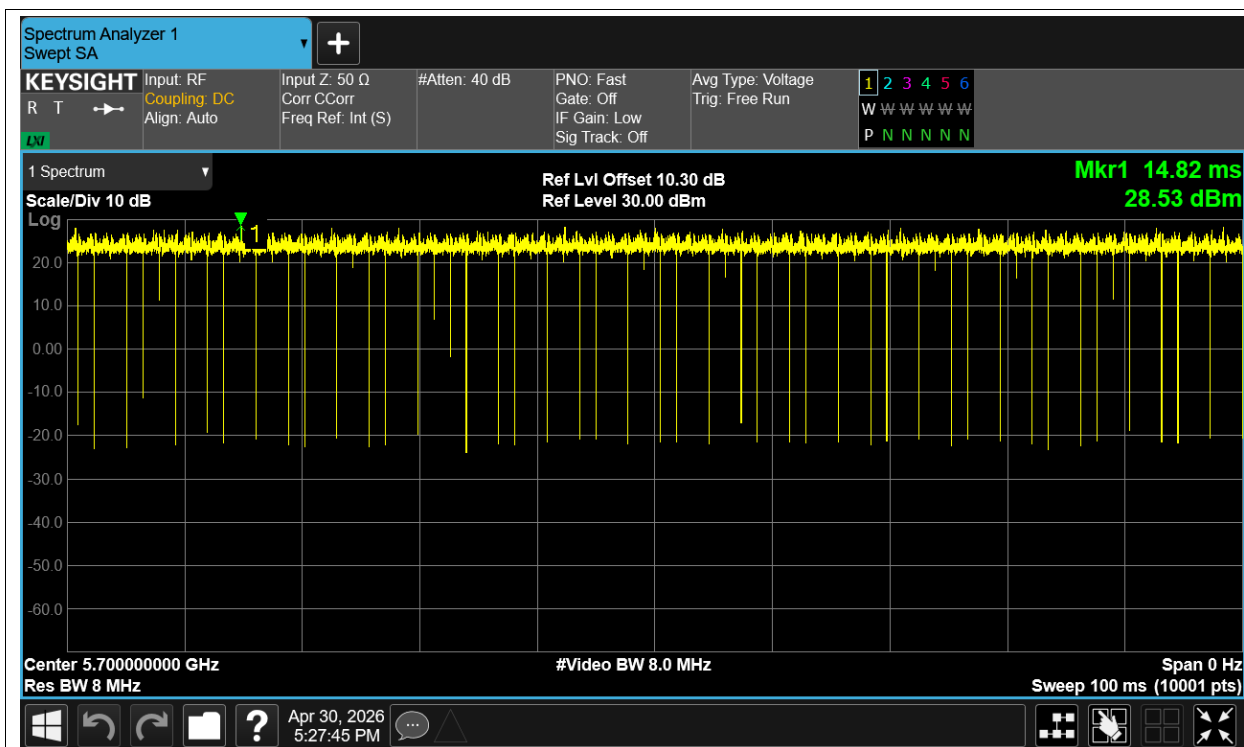
Freq. Stability NVNT n40 5510MHz Sum



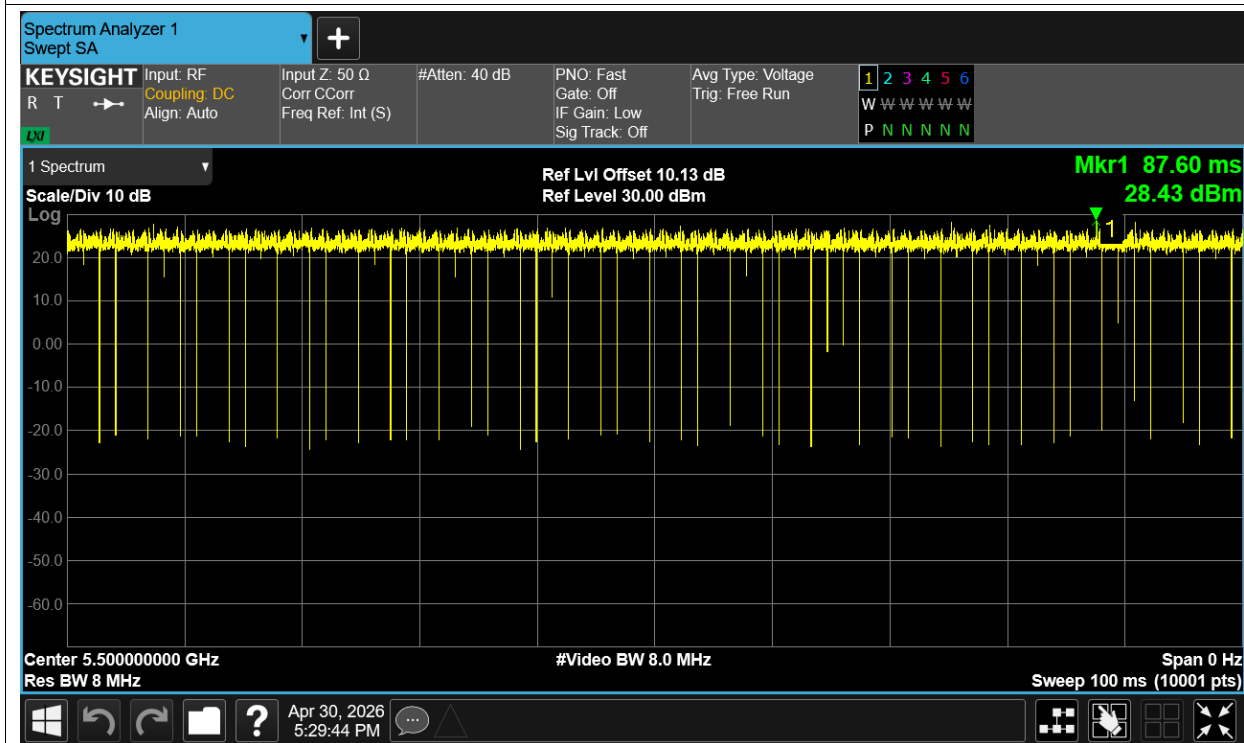
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	99.56	0.02
NVNT	a	5600	Ant1	99.58	0.02
NVNT	a	5700	Ant1	99.56	0.02
NVNT	a	5500	Ant2	99.57	0.02
NVNT	a	5600	Ant2	99.57	0.02
NVNT	a	5700	Ant2	99.57	0.02
NVNT	ac160	5570	Sum	96.88	0.14
NVNT	ac20	5500	Sum	99.55	0.02
NVNT	ac20	5600	Sum	99.55	0.02
NVNT	ac20	5700	Sum	99.54	0.02
NVNT	ac40	5510	Sum	99.1	0.04
NVNT	ac40	5590	Sum	99.08	0.04
NVNT	ac40	5670	Sum	99.09	0.04
NVNT	ac80	5530	Sum	98.19	0.08
NVNT	ac80	5610	Sum	98.2	0.08
NVNT	ax160	5570	Sum	97.22	0.12
NVNT	ax20	5500	Sum	99.51	0.02
NVNT	ax20	5600	Sum	99.51	0.02
NVNT	ax20	5700	Sum	99.52	0.02
NVNT	ax40	5510	Sum	99.06	0.04
NVNT	ax40	5590	Sum	99.06	0.04
NVNT	ax40	5670	Sum	99.06	0.04
NVNT	ax80	5530	Sum	98.32	0.07
NVNT	ax80	5610	Sum	98.35	0.07
NVNT	n20	5500	Sum	99.52	0.02
NVNT	n20	5600	Sum	99.54	0.02
NVNT	n20	5700	Sum	99.55	0.02
NVNT	n40	5510	Sum	99.11	0.04
NVNT	n40	5590	Sum	99.09	0.04
NVNT	n40	5670	Sum	99.11	0.04

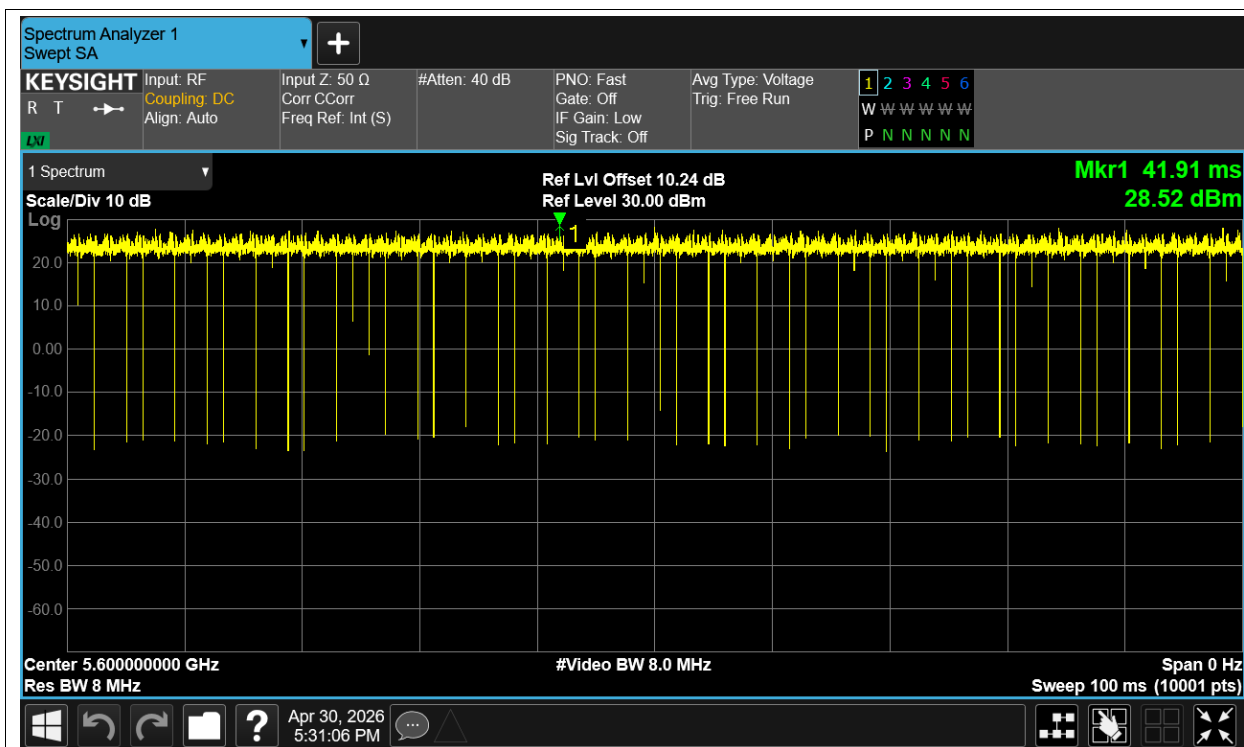




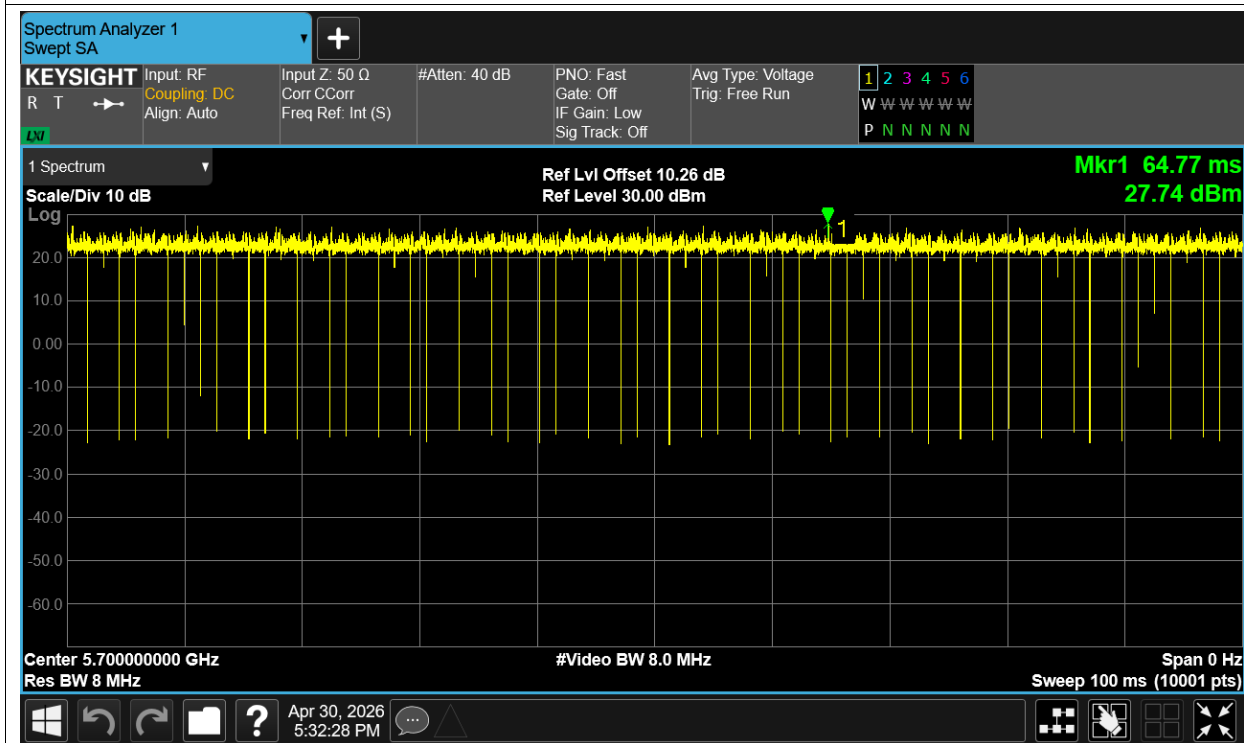
Duty Cycle NVNT a 5500MHz Ant2



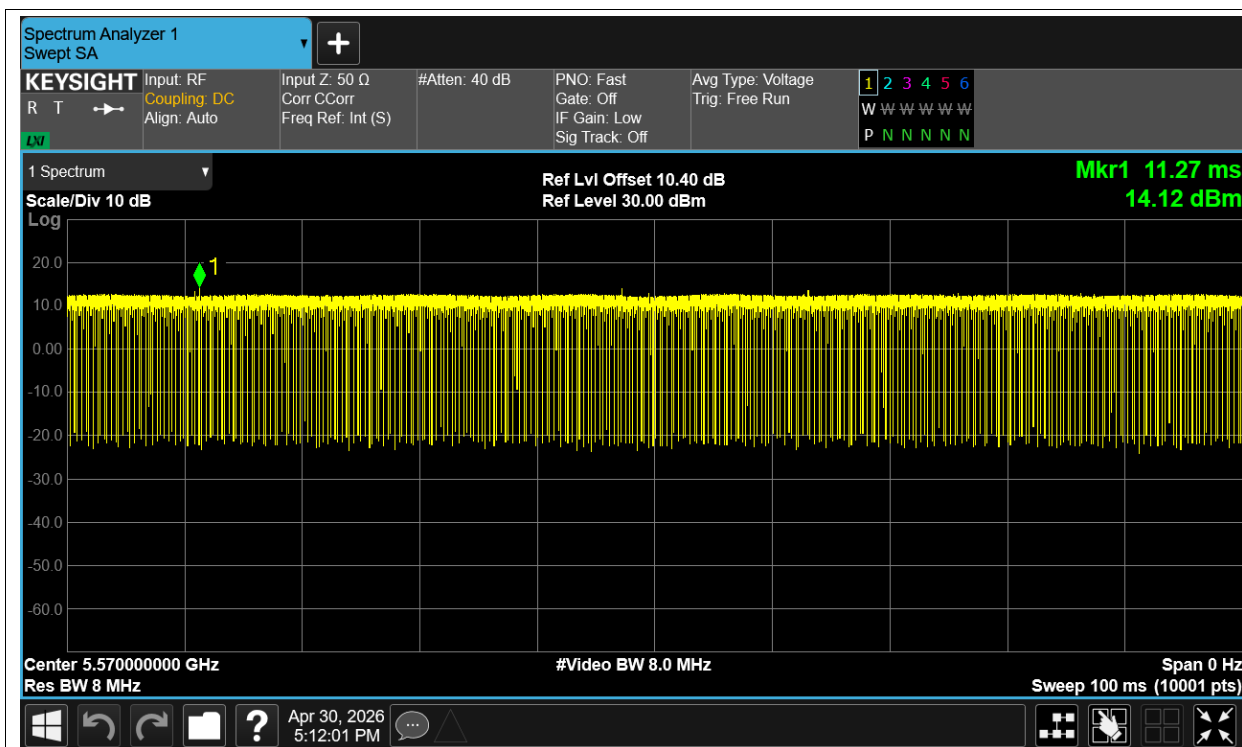
Duty Cycle NVNT a 5600MHz Ant2



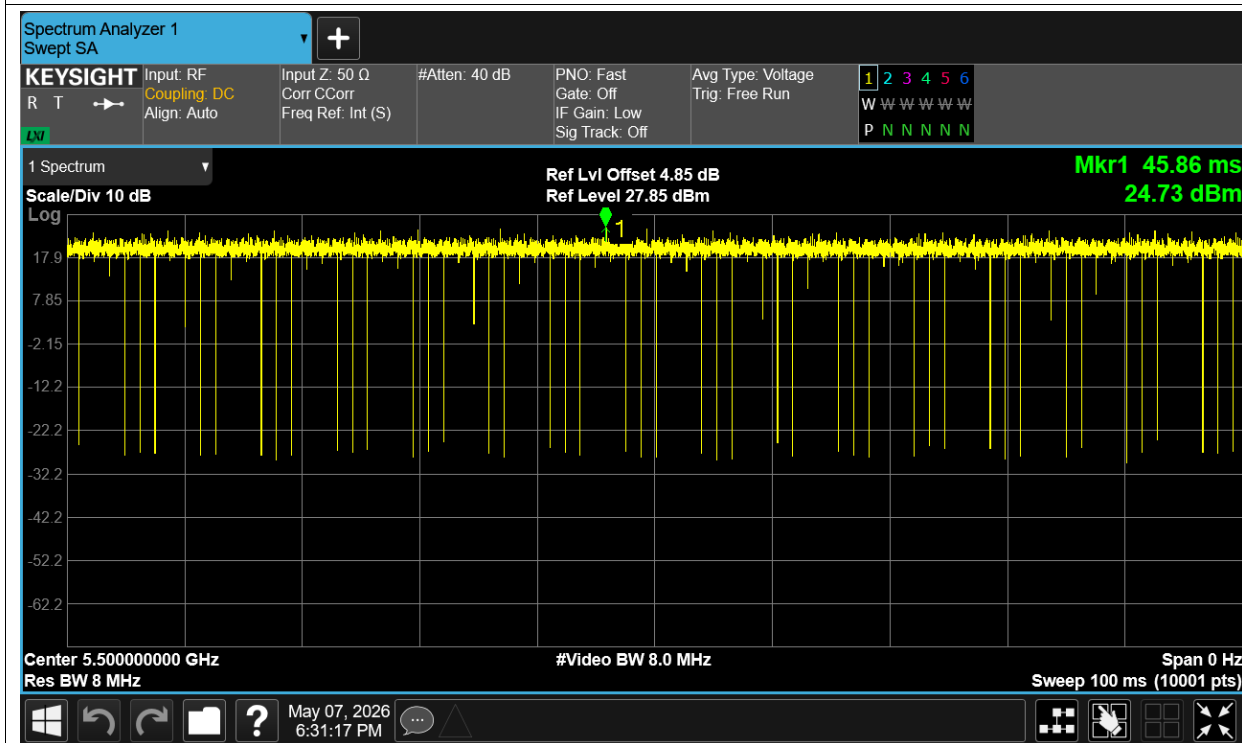
Duty Cycle NVNT a 5700MHz Ant2



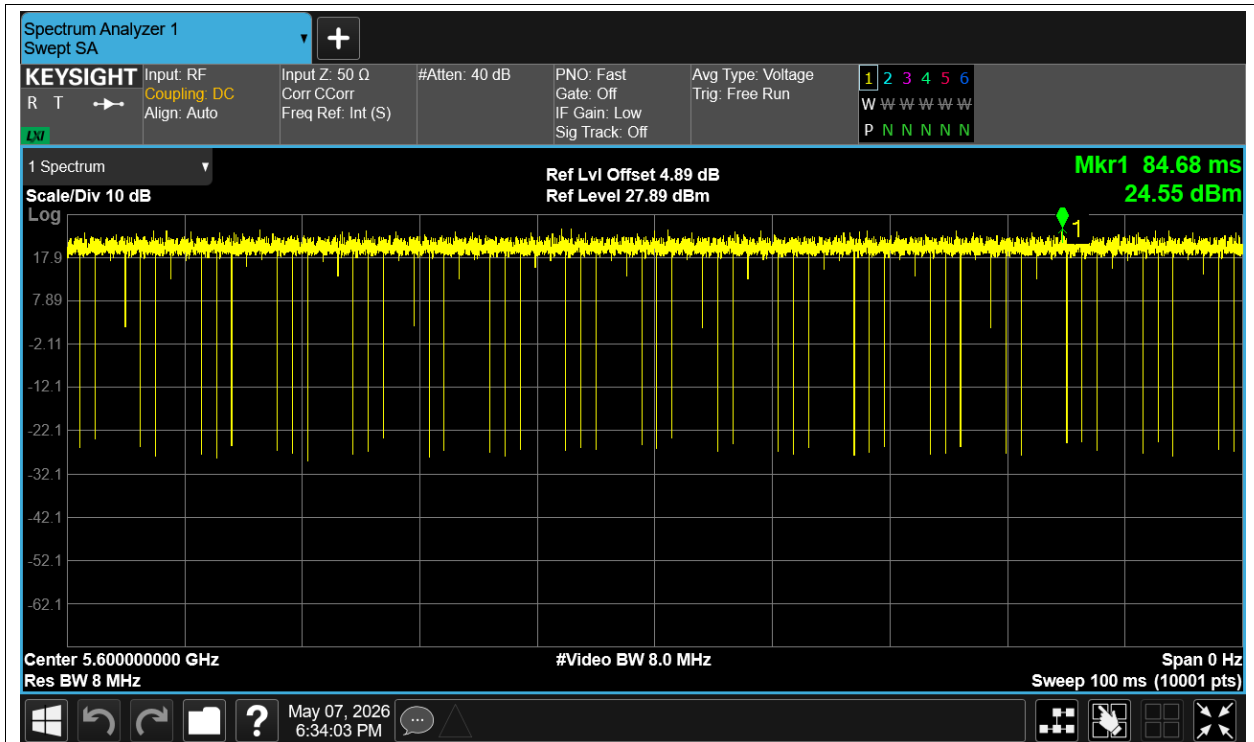
Duty Cycle NVNT ac160 5570MHz Sum



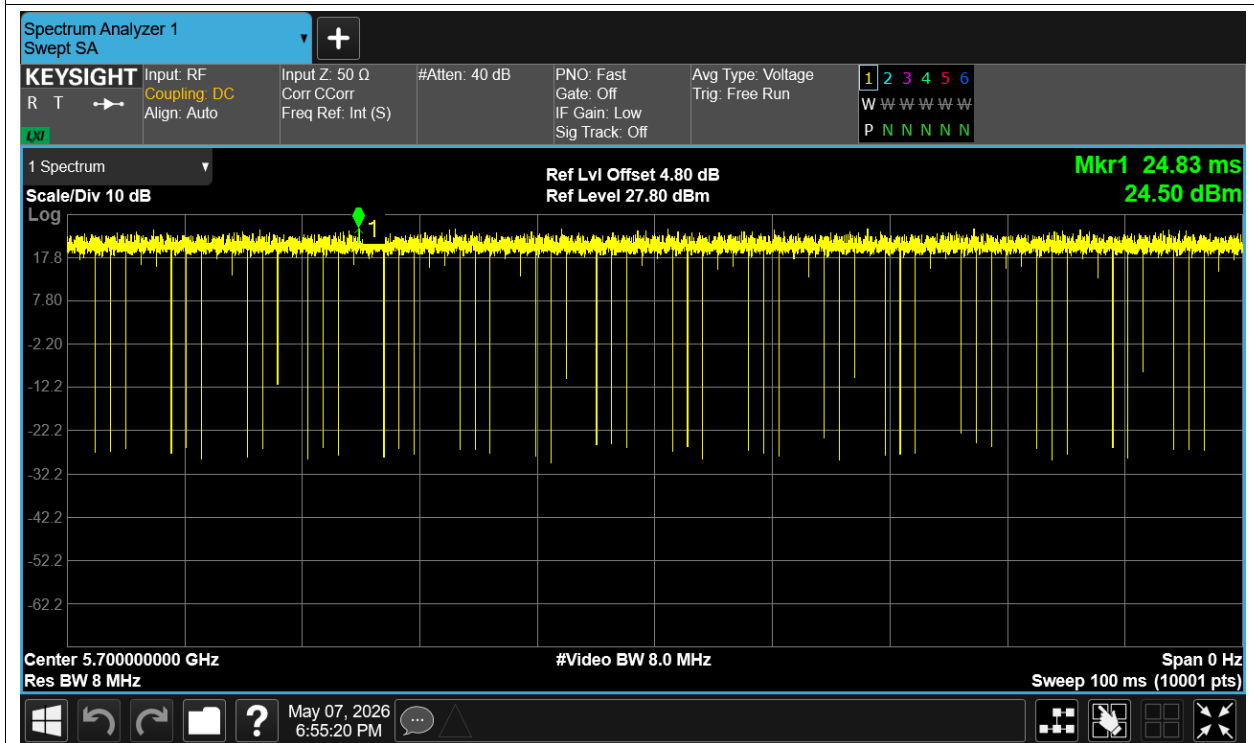
Duty Cycle NVNT ac20 5500MHz Sum



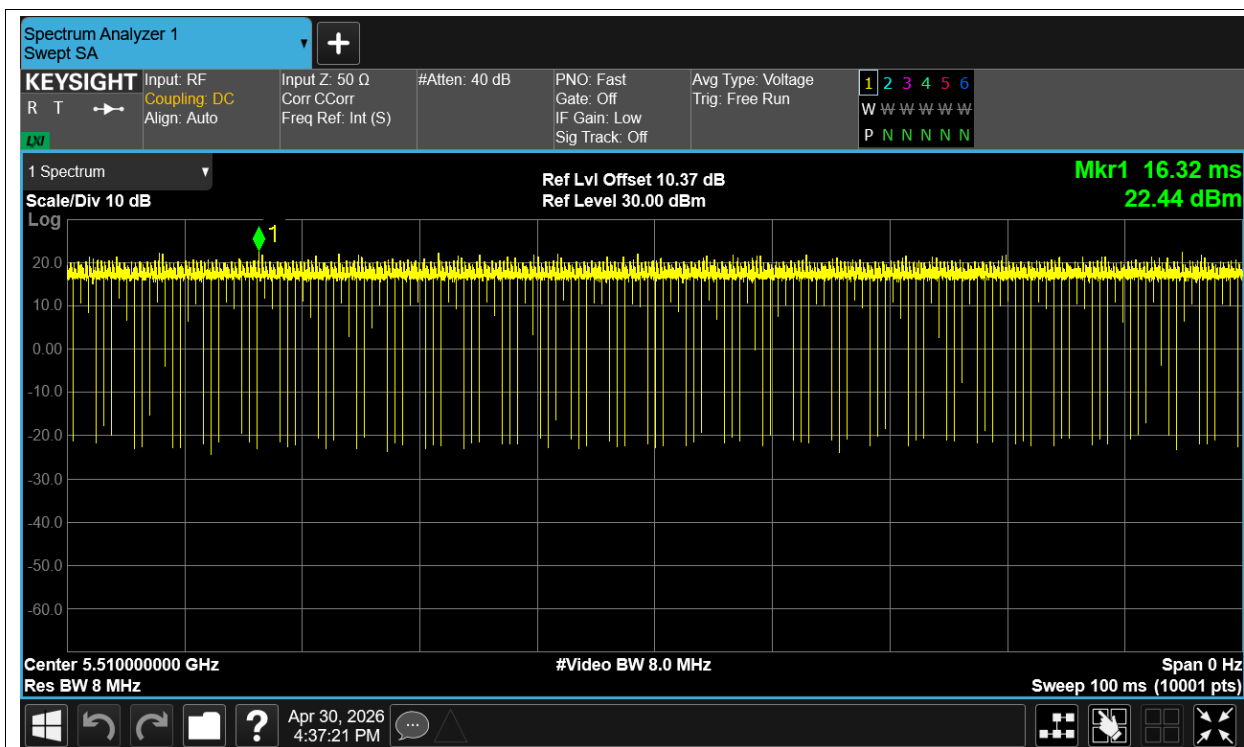
Duty Cycle NVNT ac20 5600MHz Sum



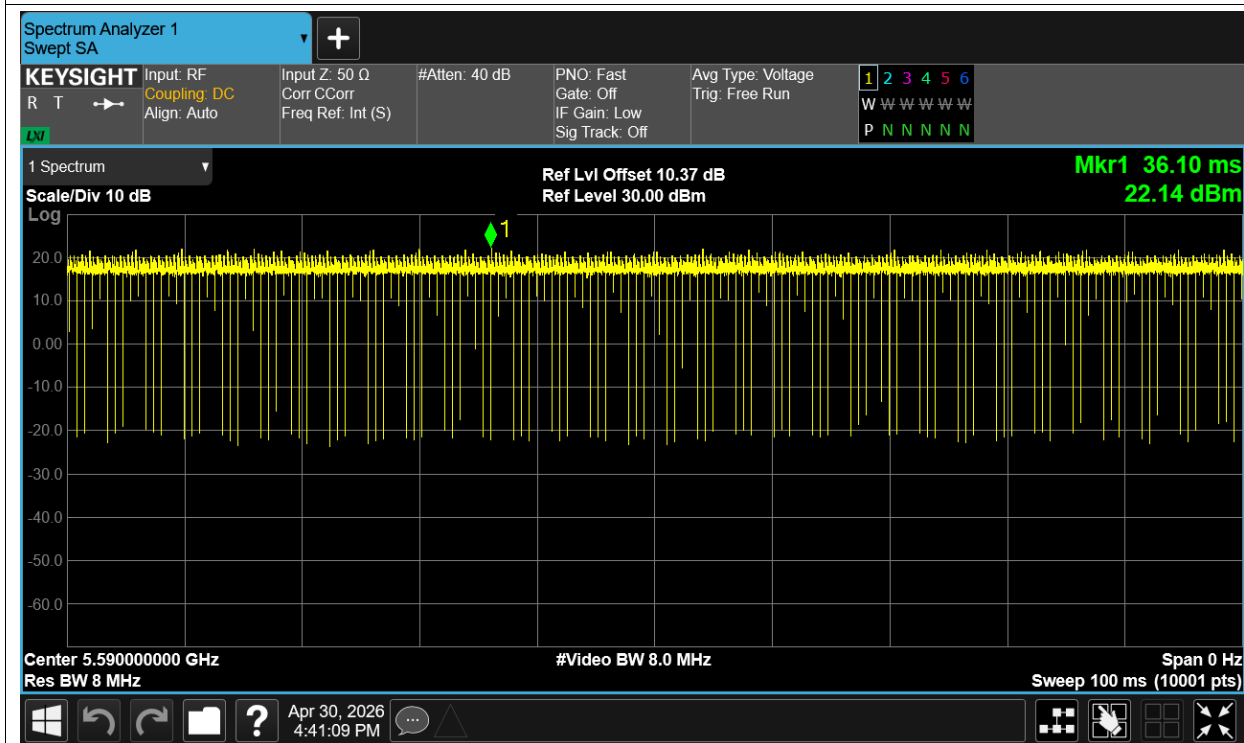
Duty Cycle NVNT ac20 5700MHz Sum



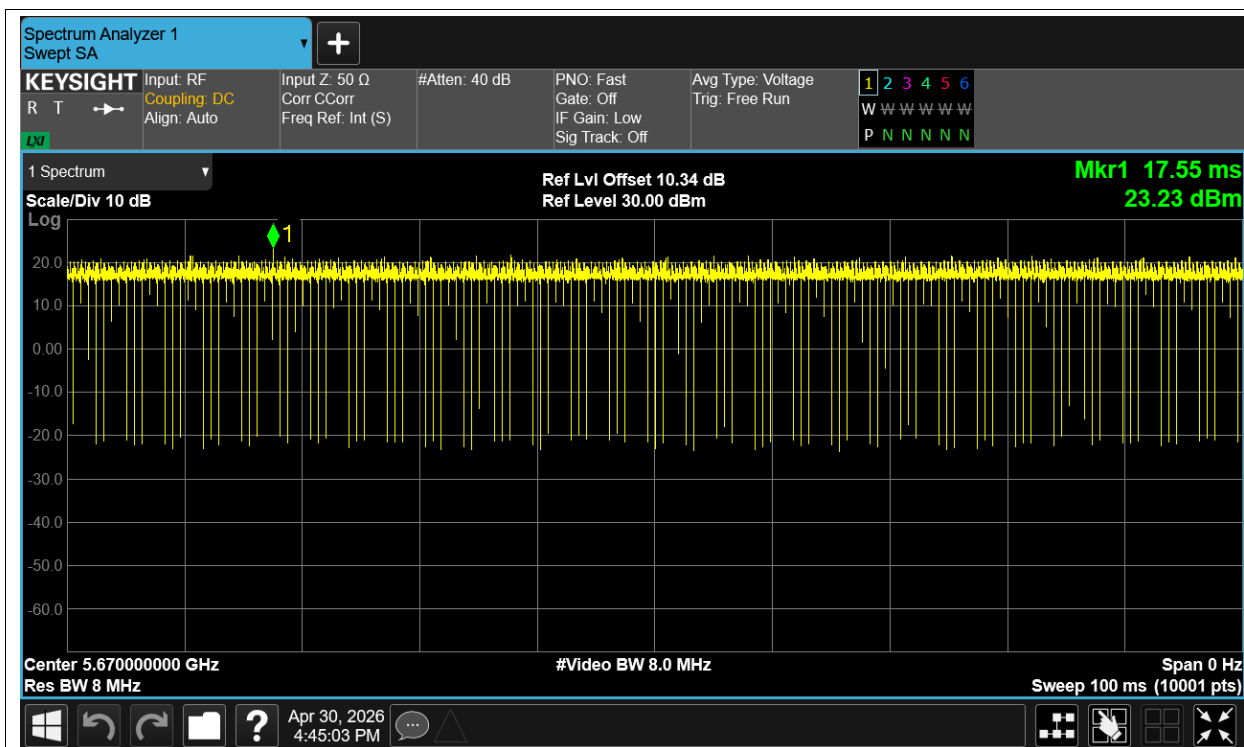
Duty Cycle NVNT ac40 5510MHz Sum



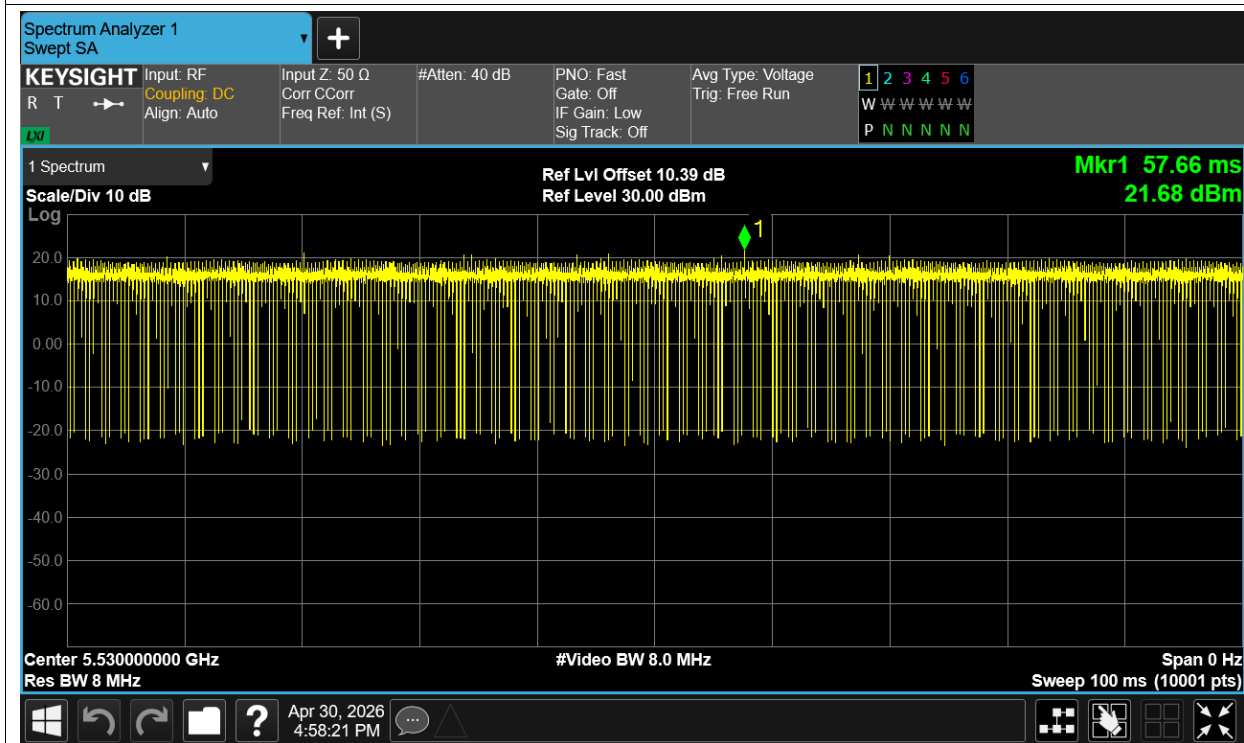
Duty Cycle NVNT ac40 5590MHz Sum



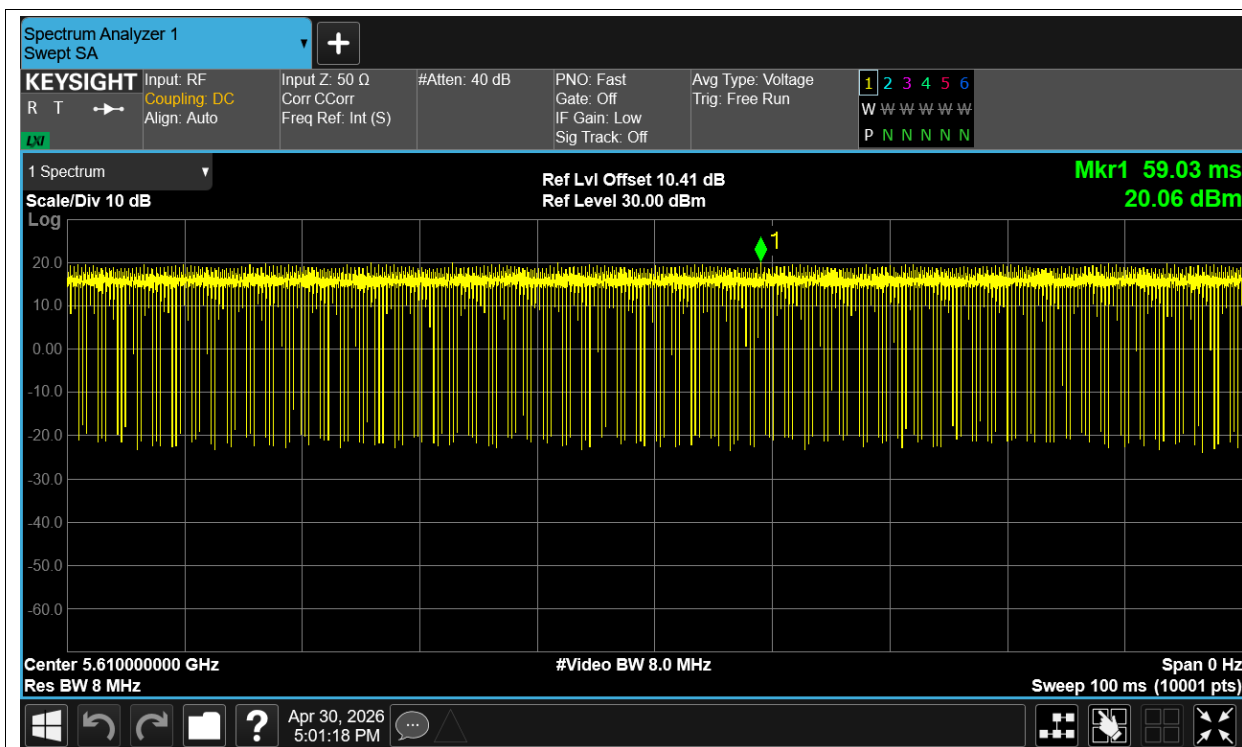
Duty Cycle NVNT ac40 5670MHz Sum



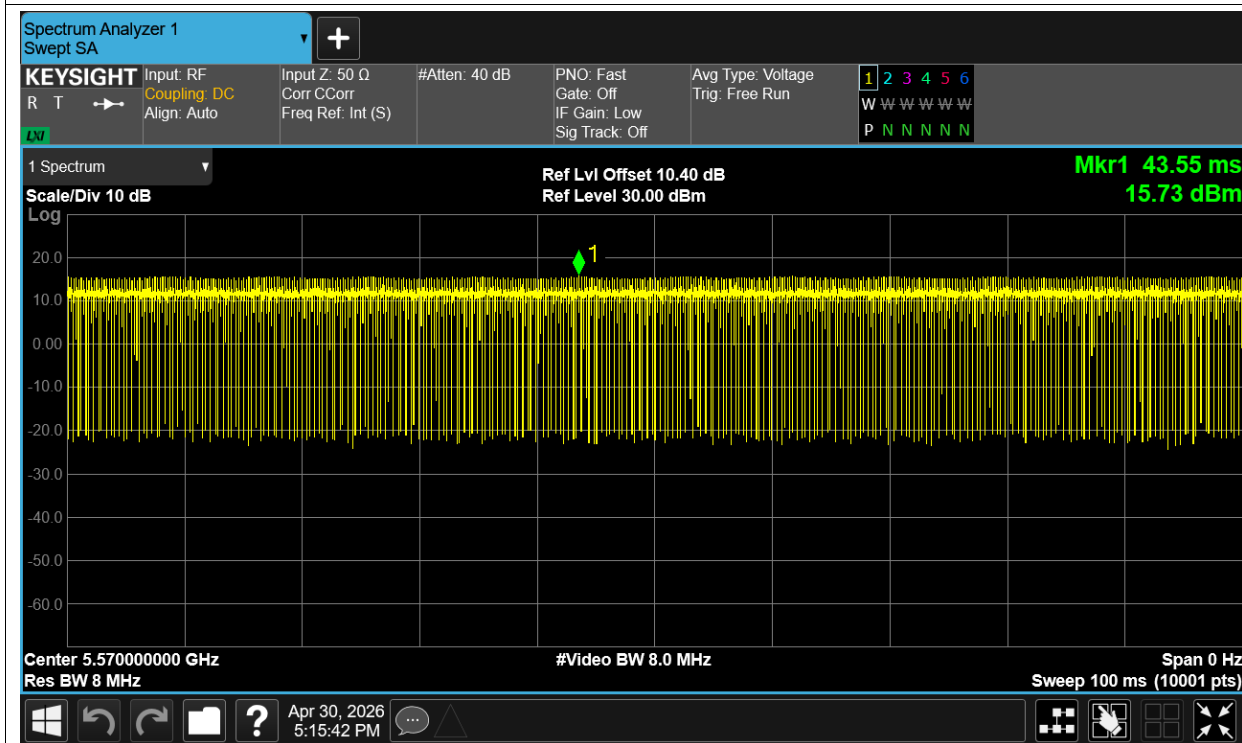
Duty Cycle NVNT ac80 5530MHz Sum



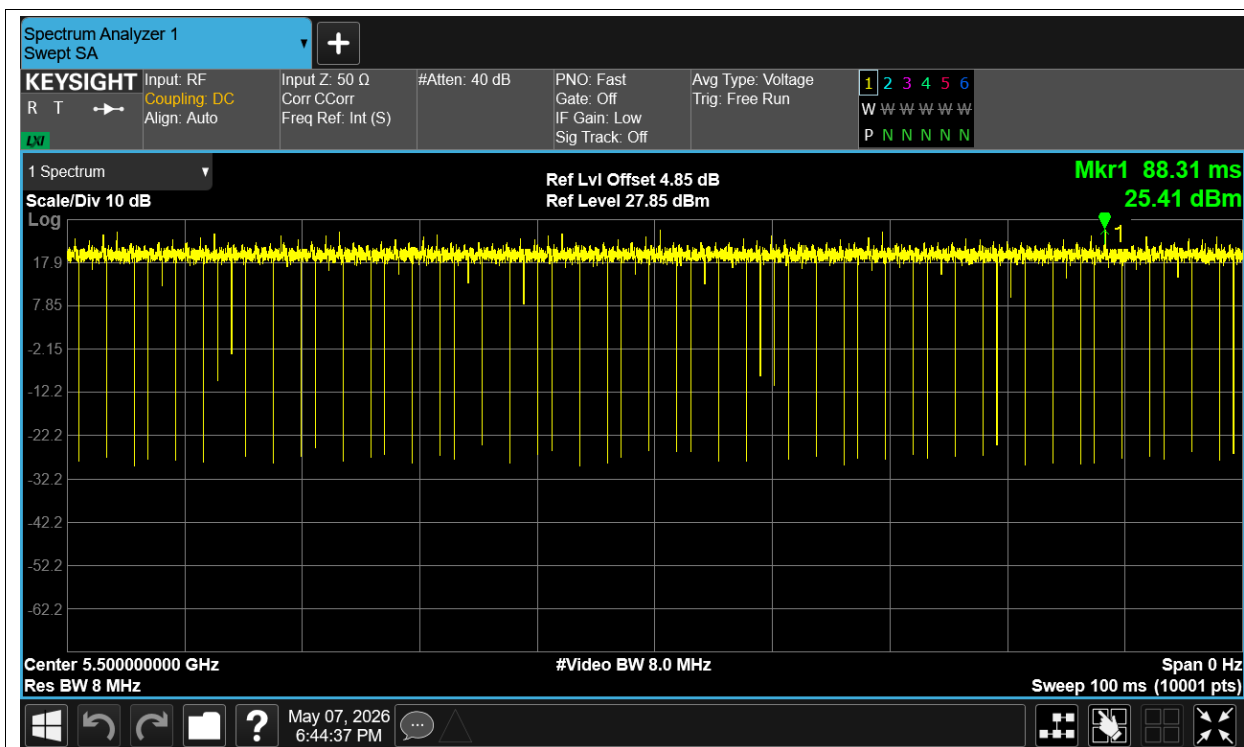
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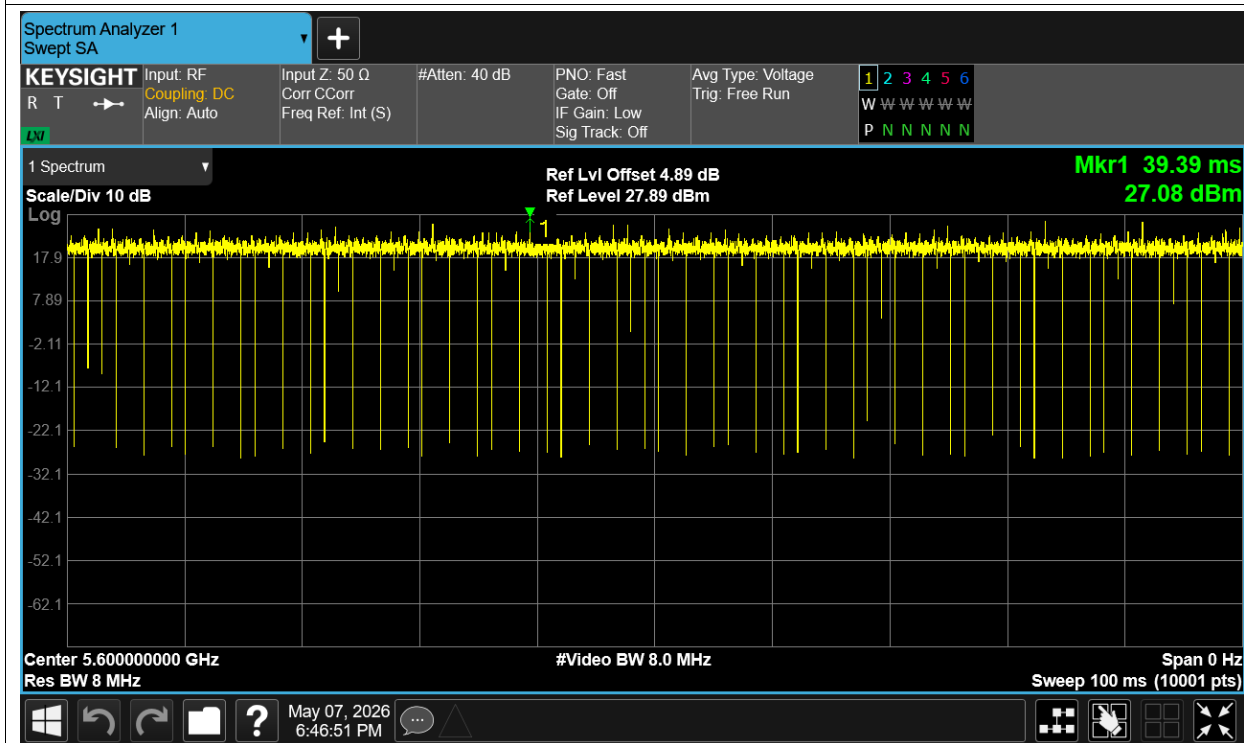
Duty Cycle NVNT ax160 5570MHz Sum



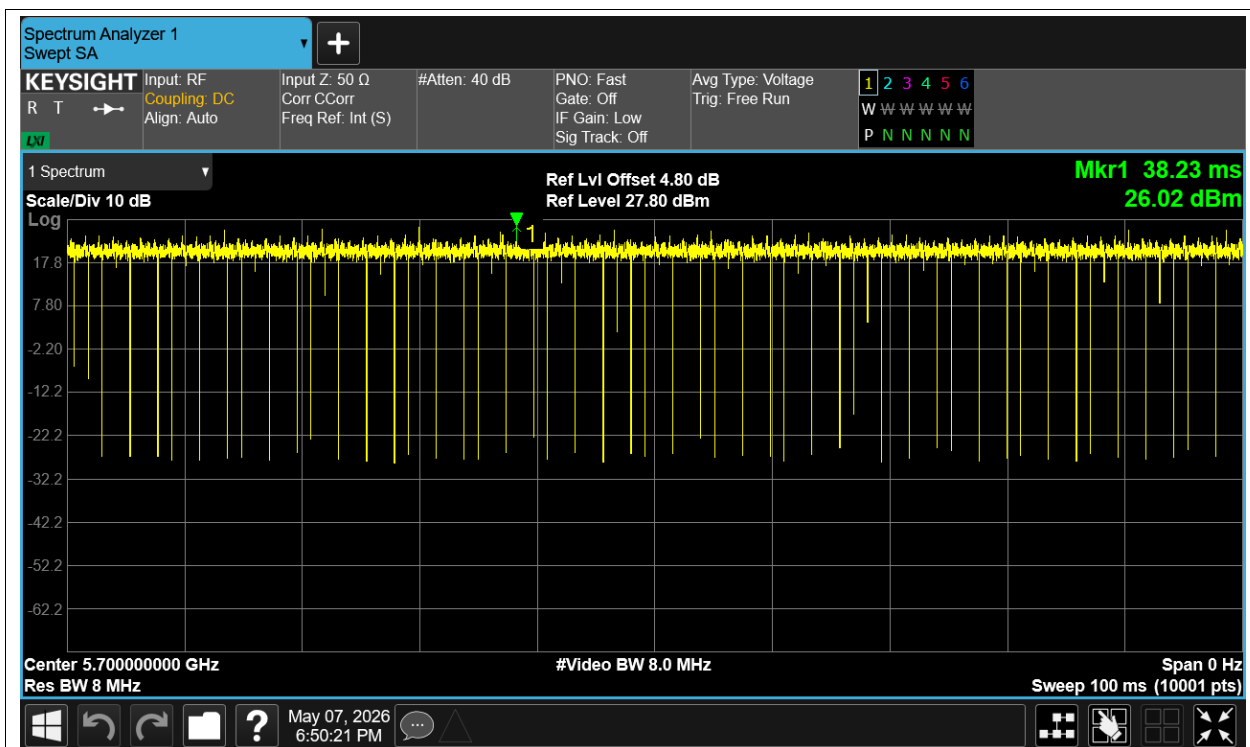
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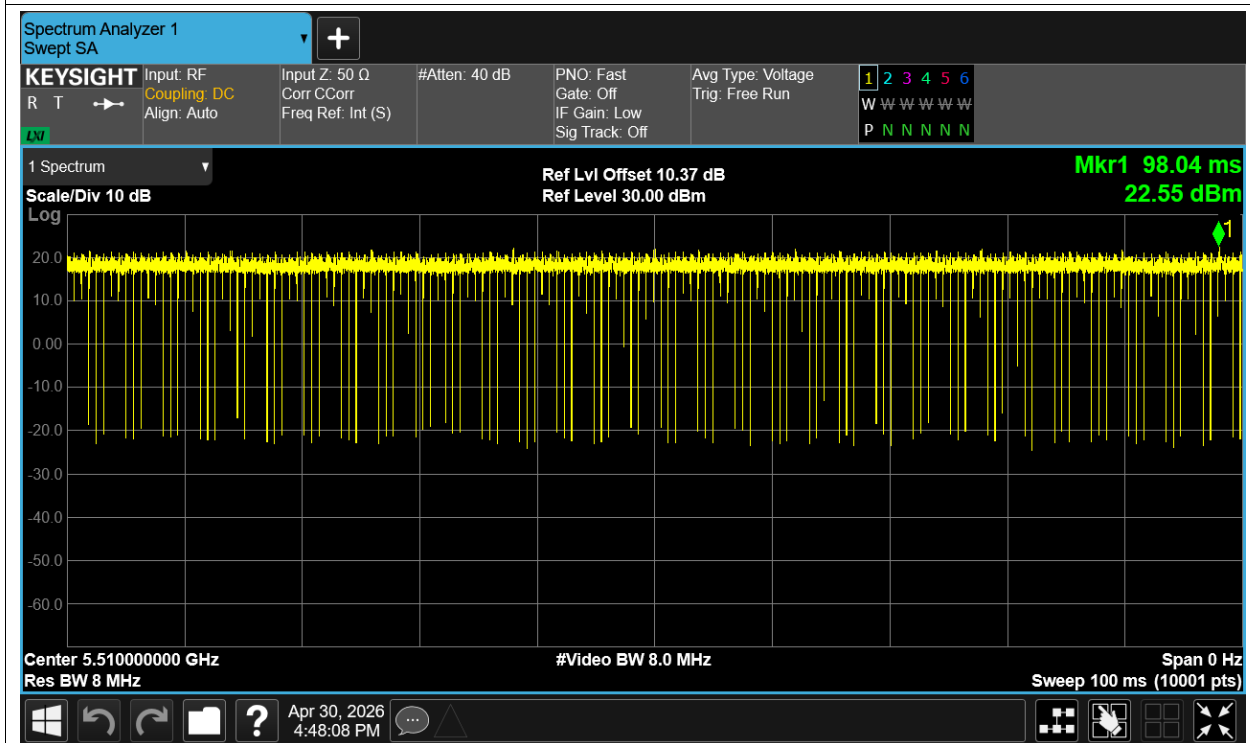
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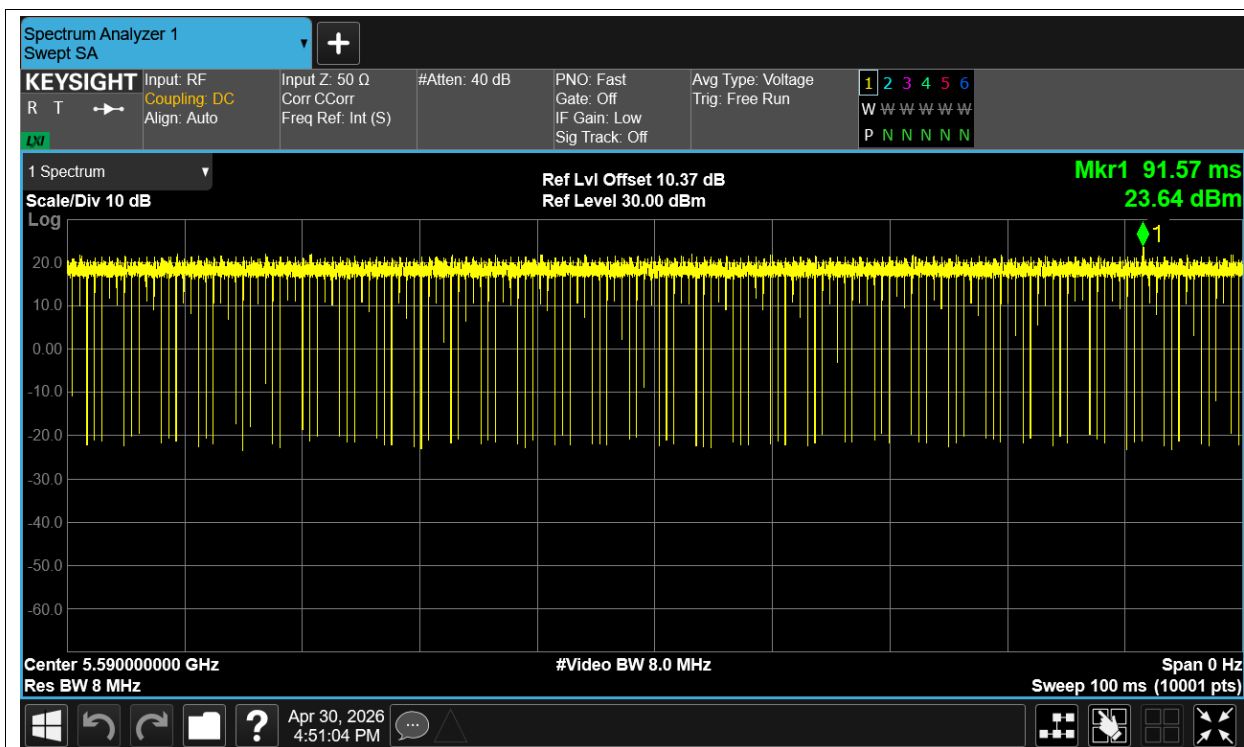
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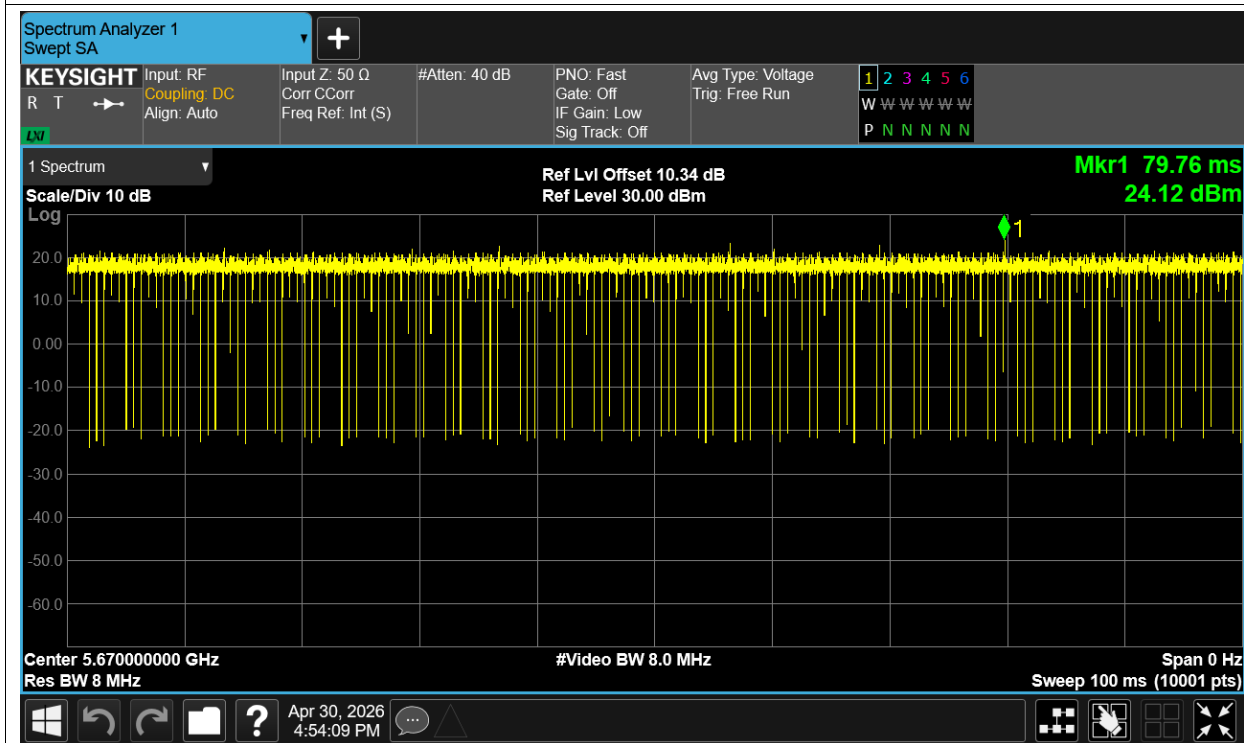
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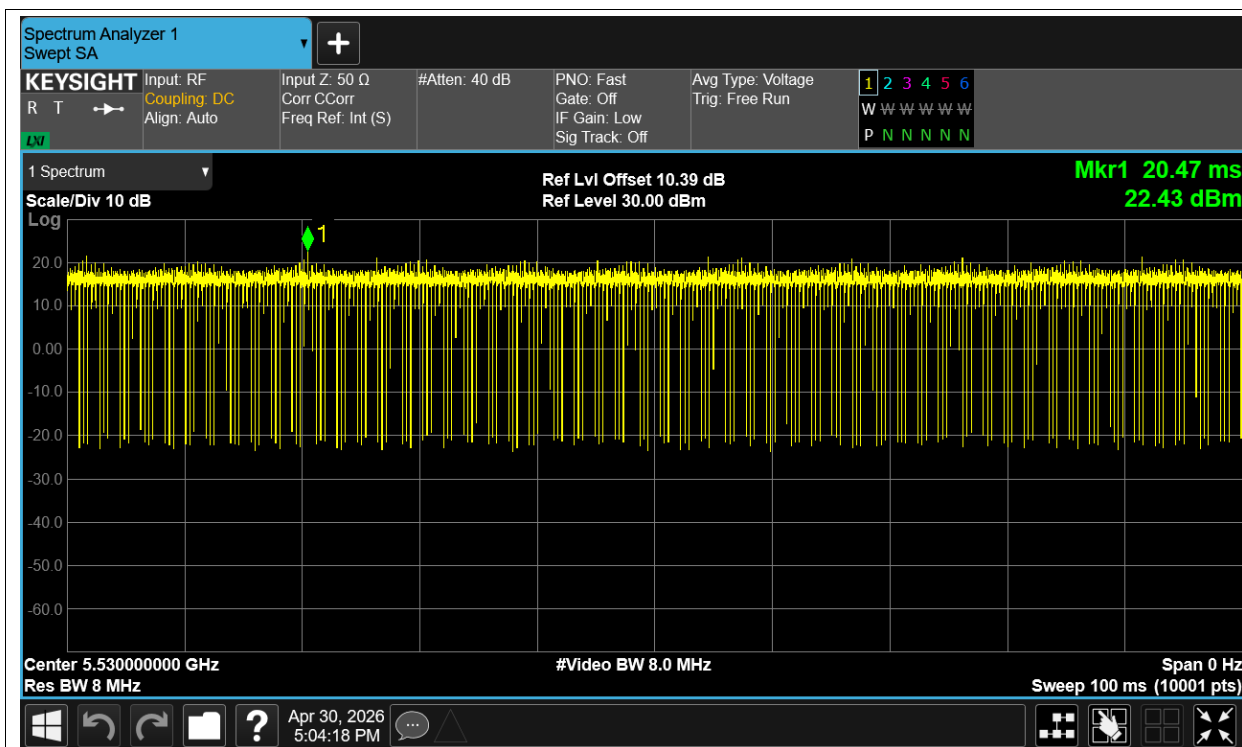
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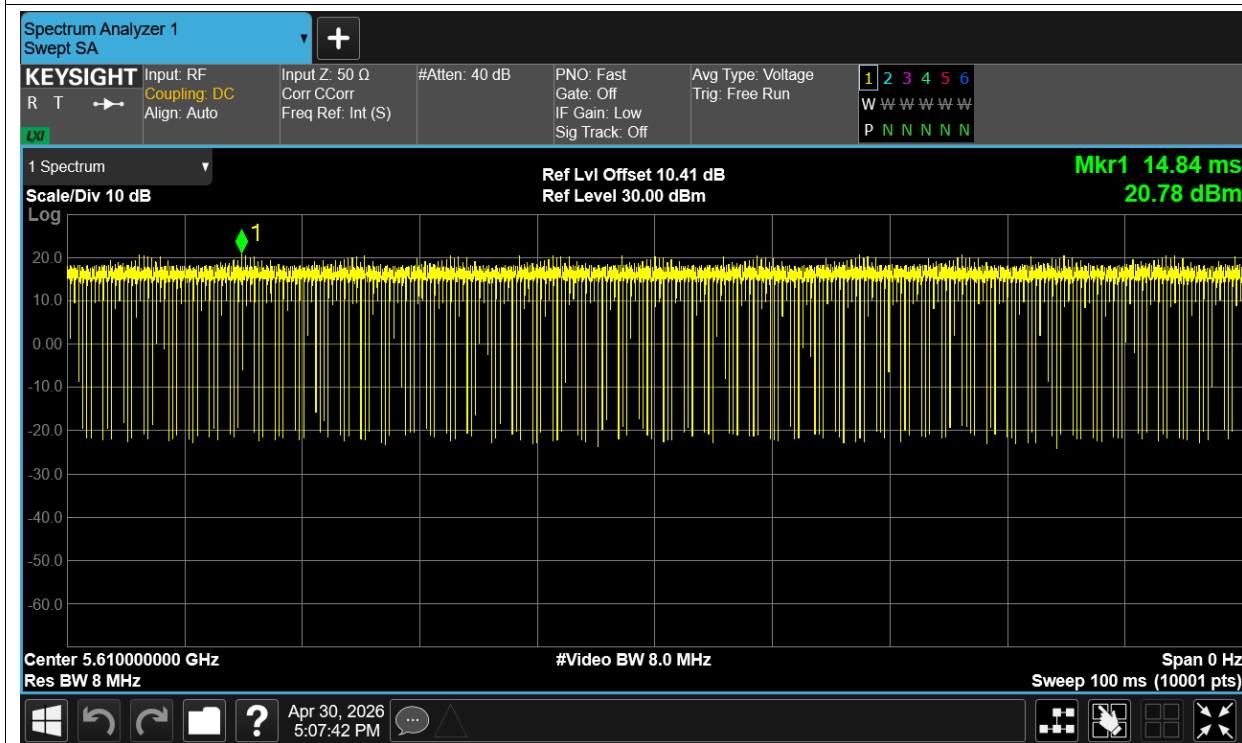
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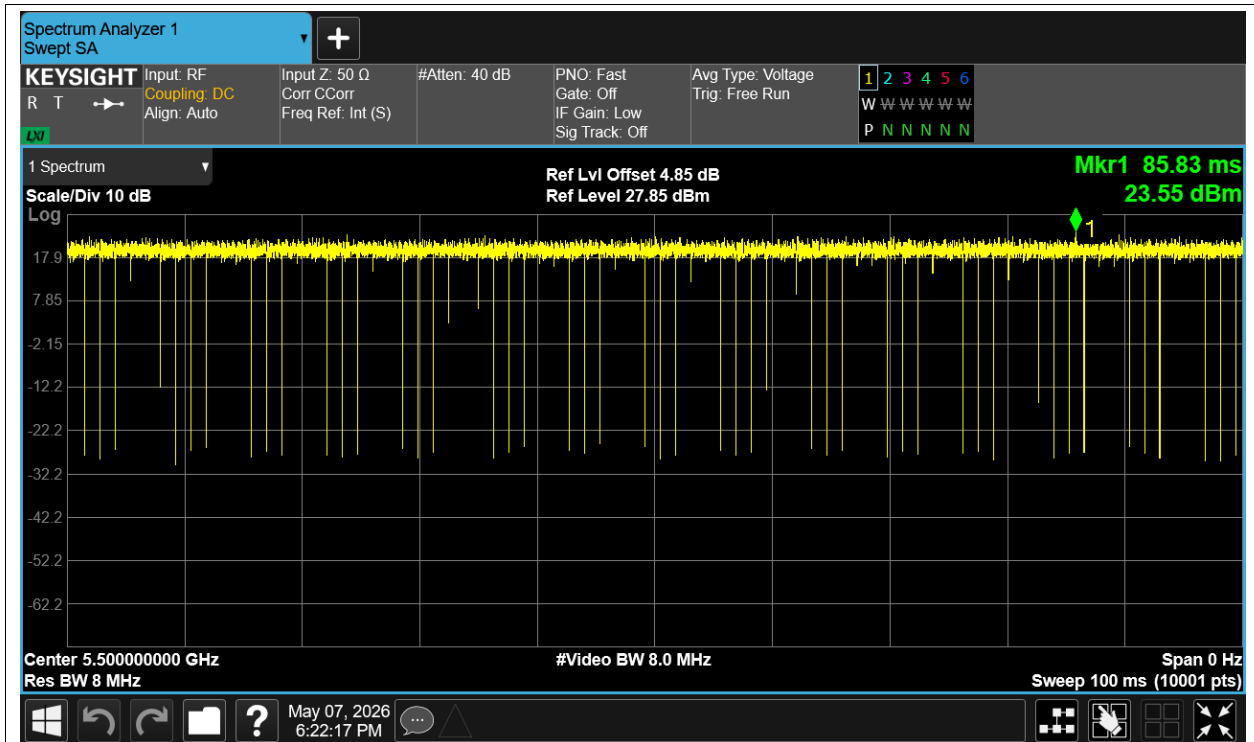
Duty Cycle NVNT ax80 5530MHz Sum



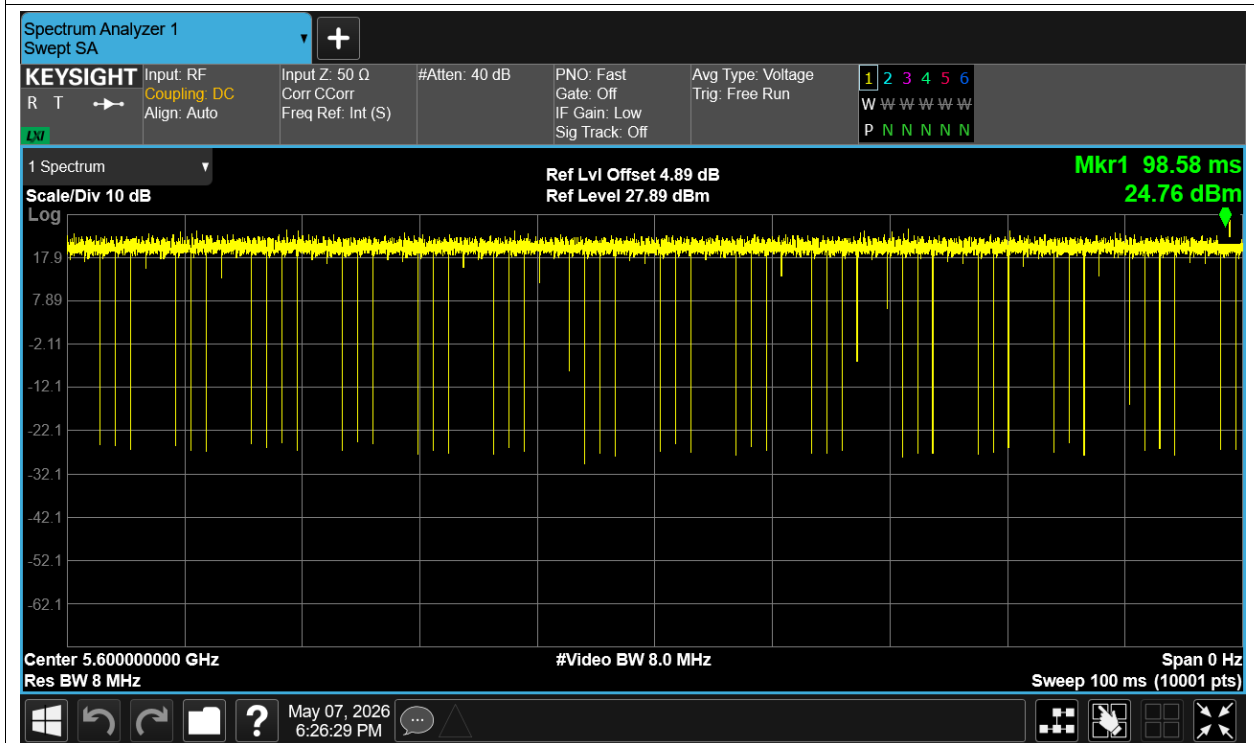
Duty Cycle NVNT ax80 5610MHz Sum



Duty Cycle NVNT n20 5500MHz Sum



Duty Cycle NVNT n20 5600MHz Sum



Duty Cycle NVNT n20 5700MHz Sum