

## Test Data

### Frequency Stability

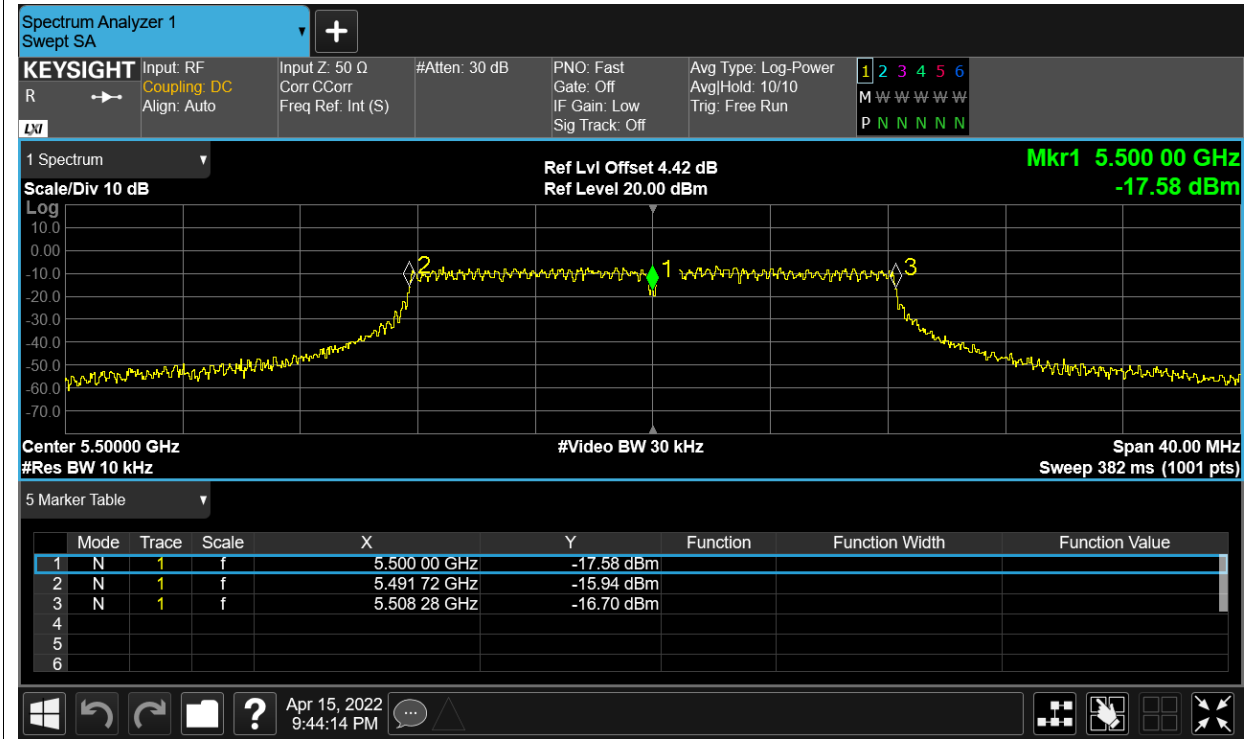
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant1	5500	0	Within authorized band	Pass
HVNT	a	5500	Ant2	5499.98	-3.64		Pass
LVNT	a	5500	Ant1	5499.98	-3.64		Pass
LVNT	a	5500	Ant2	5500	0		Pass
NVHT	a	5500	Ant1	5499.98	-3.64		Pass
NVHT	a	5500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

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

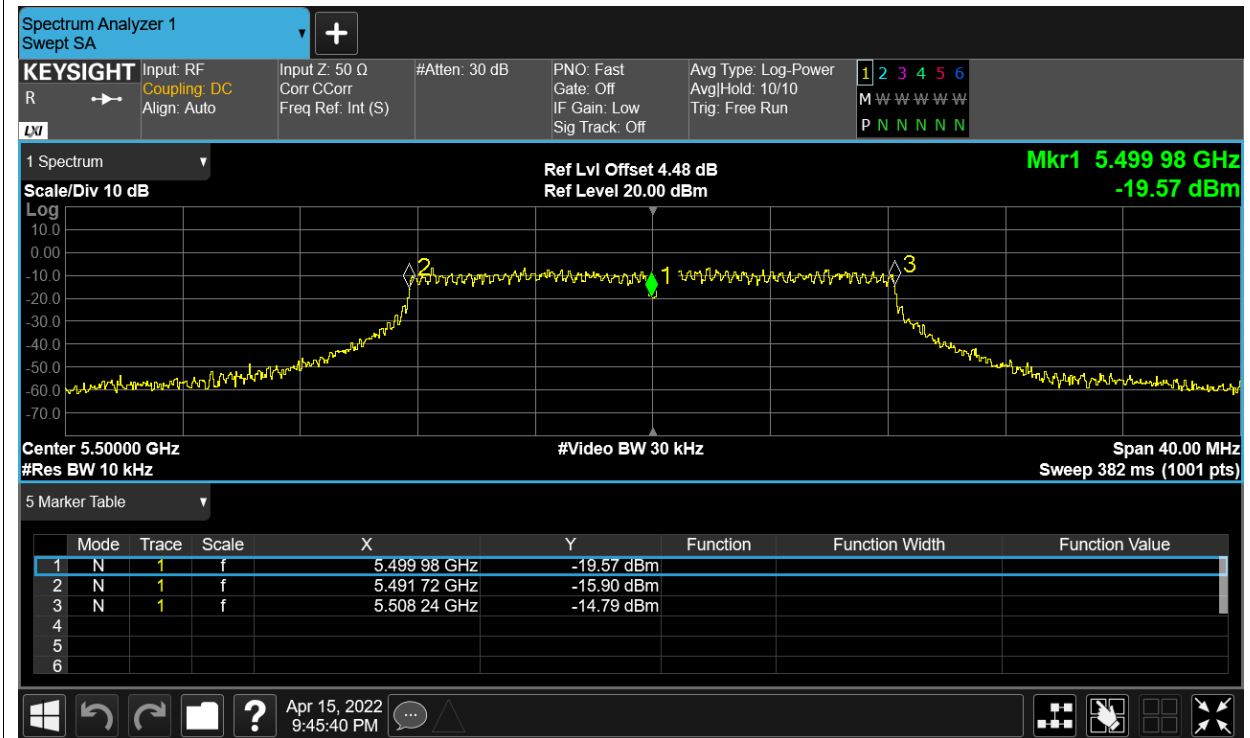
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

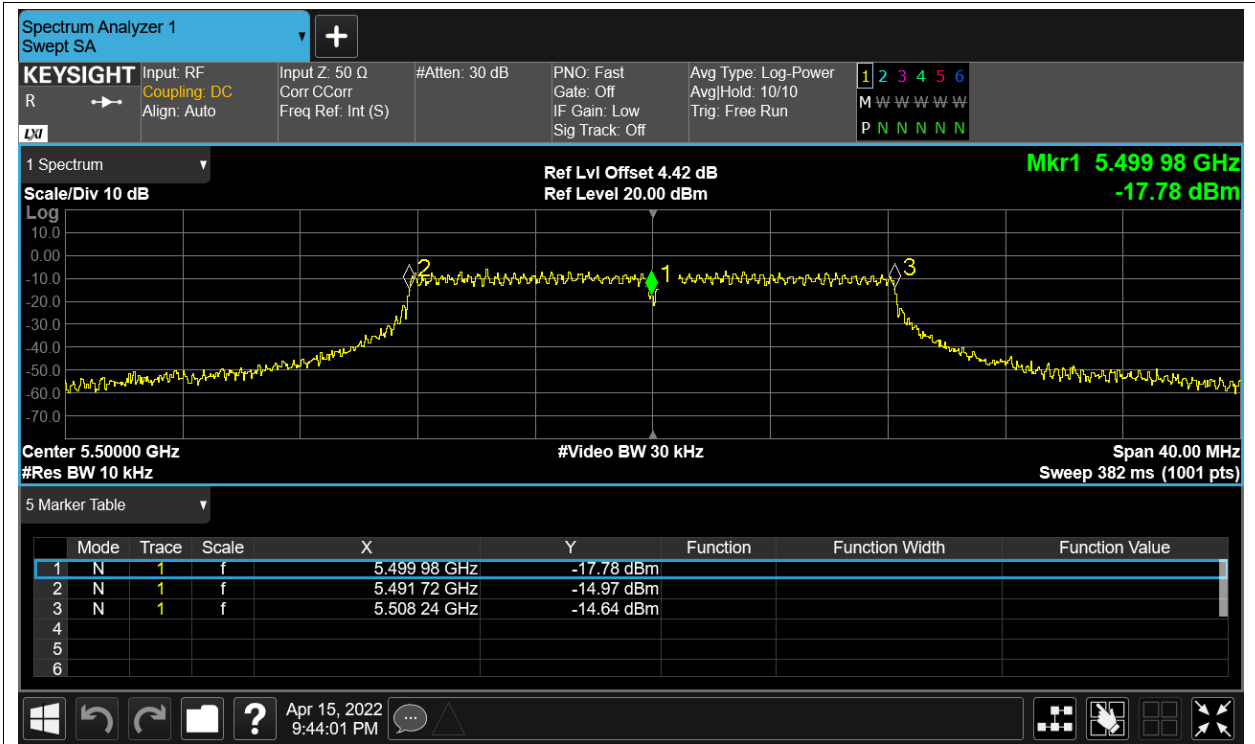
Freq. Stability HVNT a 5500MHz Ant1



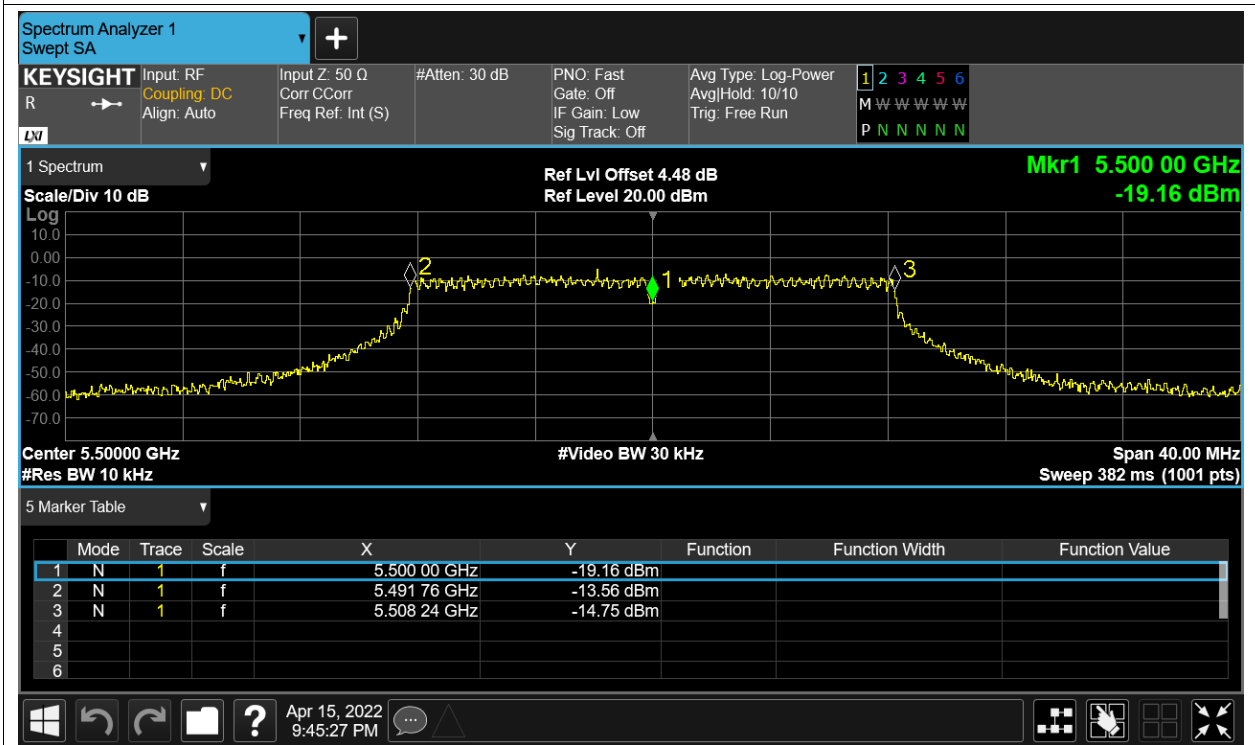
Freq. Stability HVNT a 5500MHz Ant2



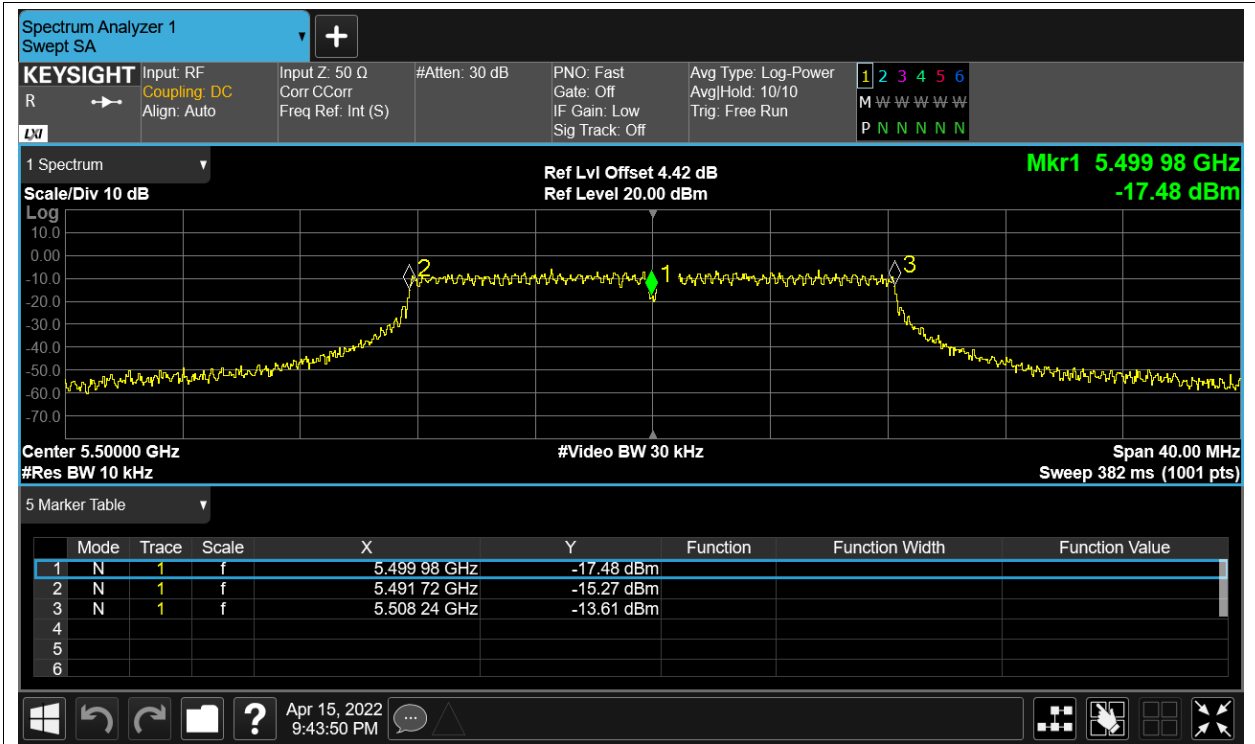
Freq. Stability LVNT a 5500MHz Ant1



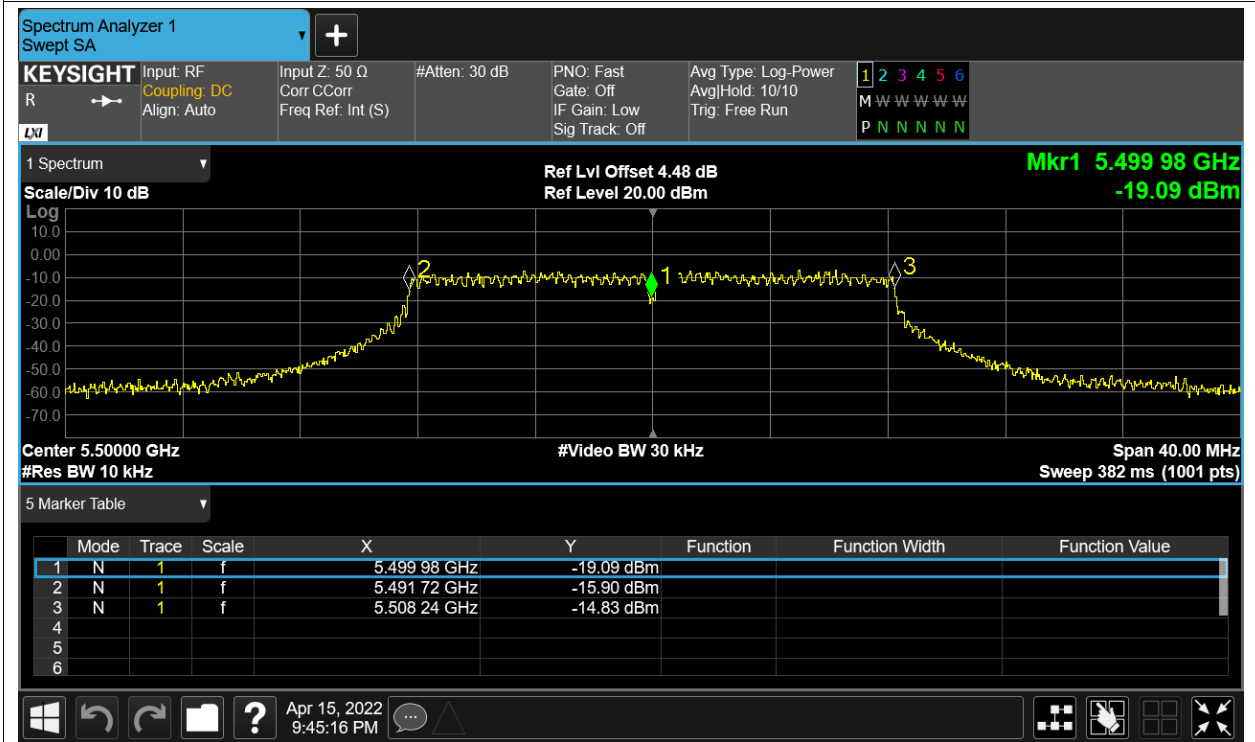
Freq. Stability LVNT a 5500MHz Ant2



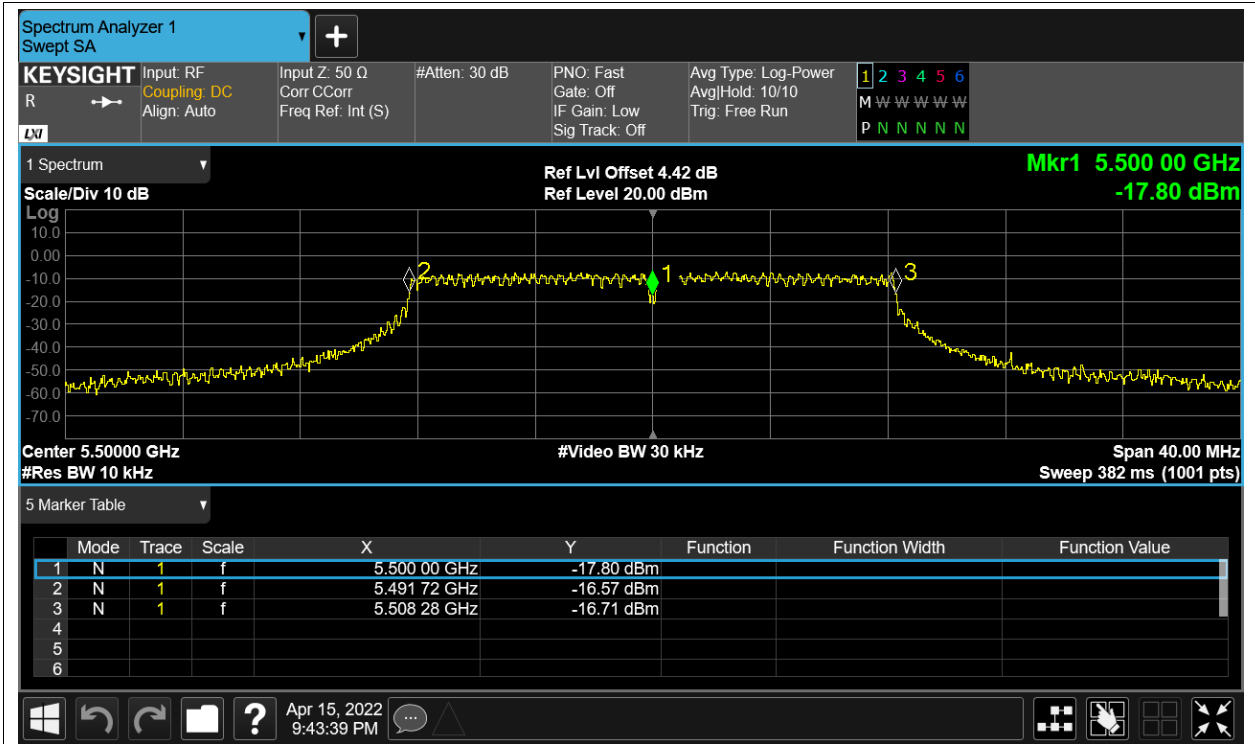
Freq. Stability NVHT a 5500MHz Ant1



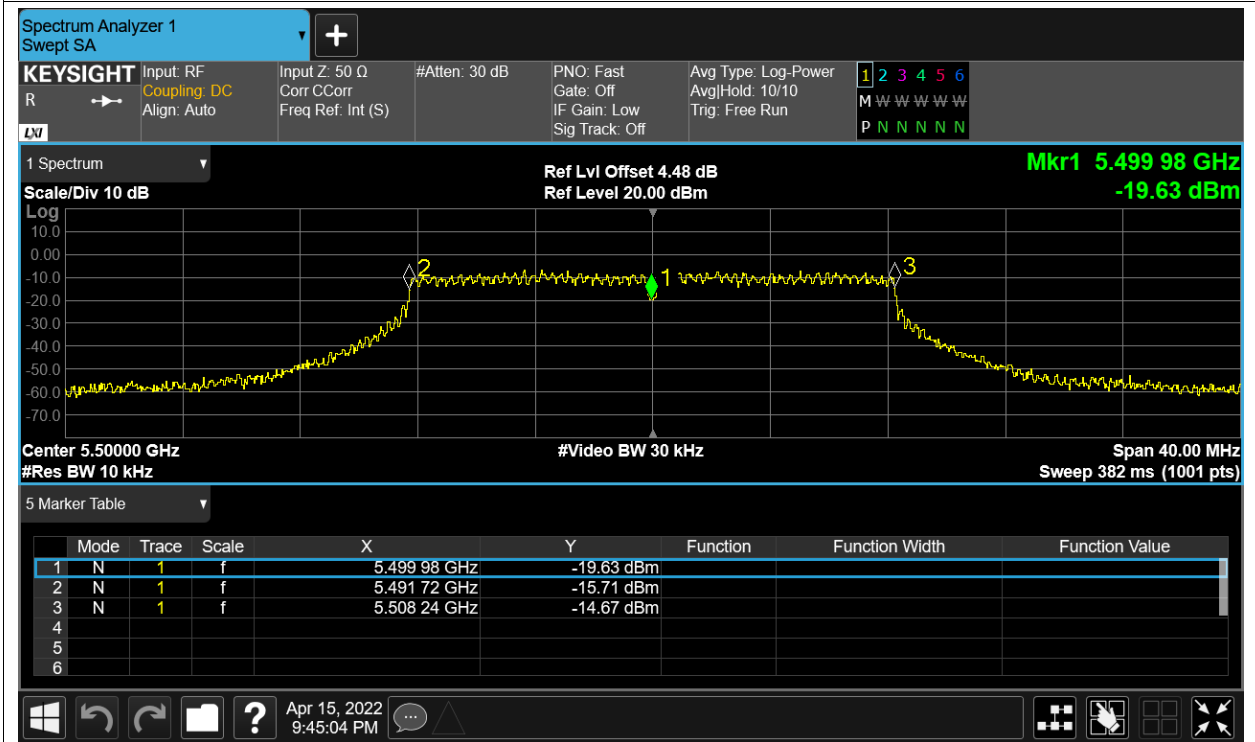
Freq. Stability NVHT a 5500MHz Ant2



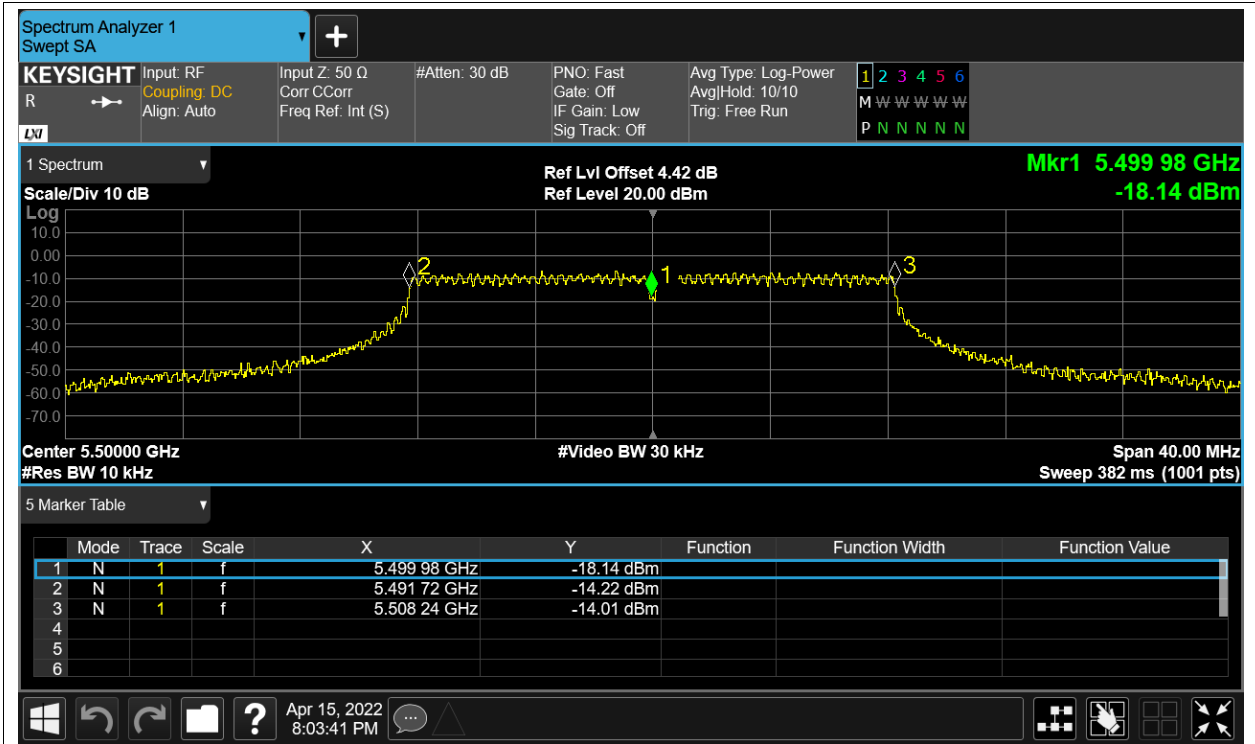
Freq. Stability NVLT a 5500MHz Ant1



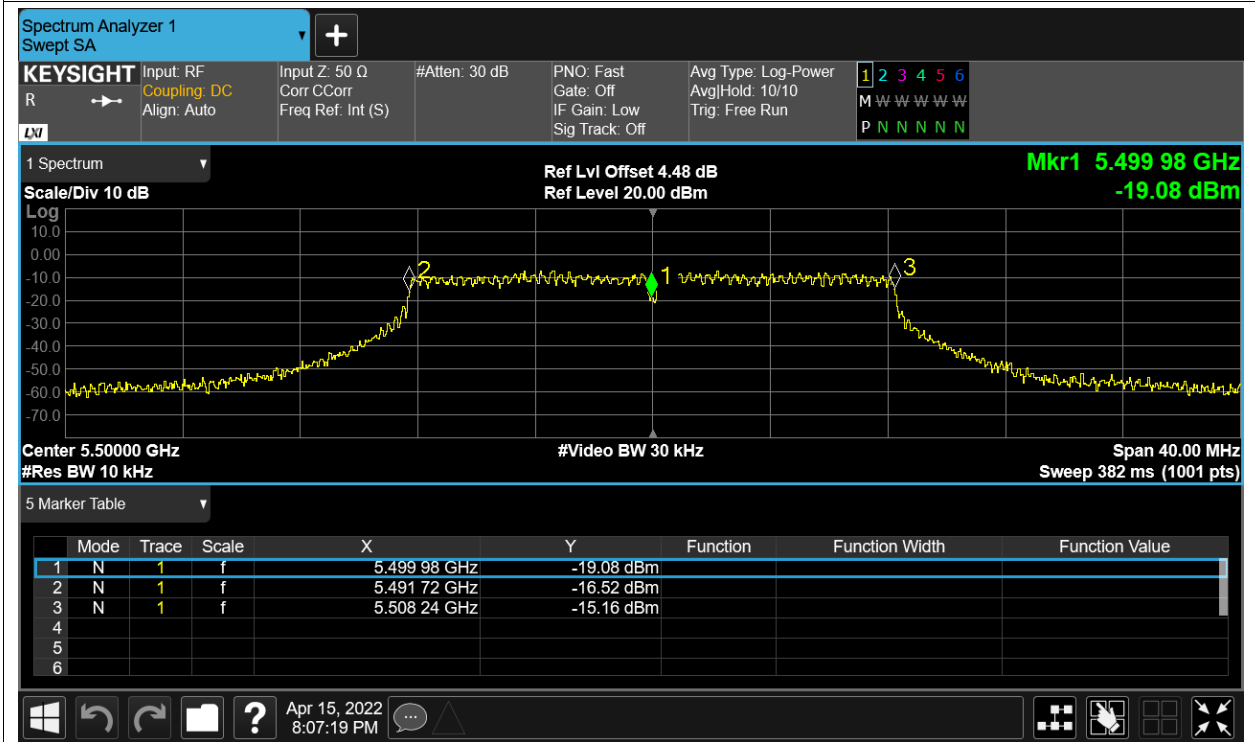
Freq. Stability NVLT a 5500MHz Ant2



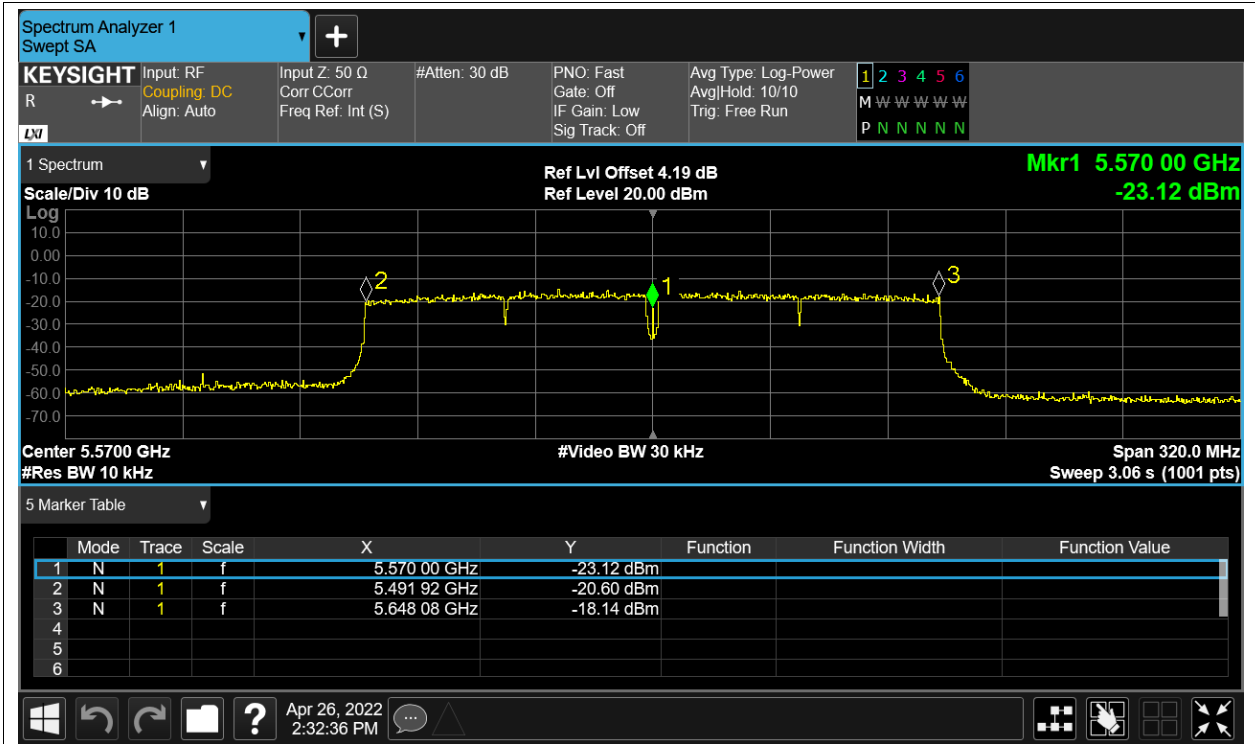
Freq. Stability NVNT a 5500MHz Ant1



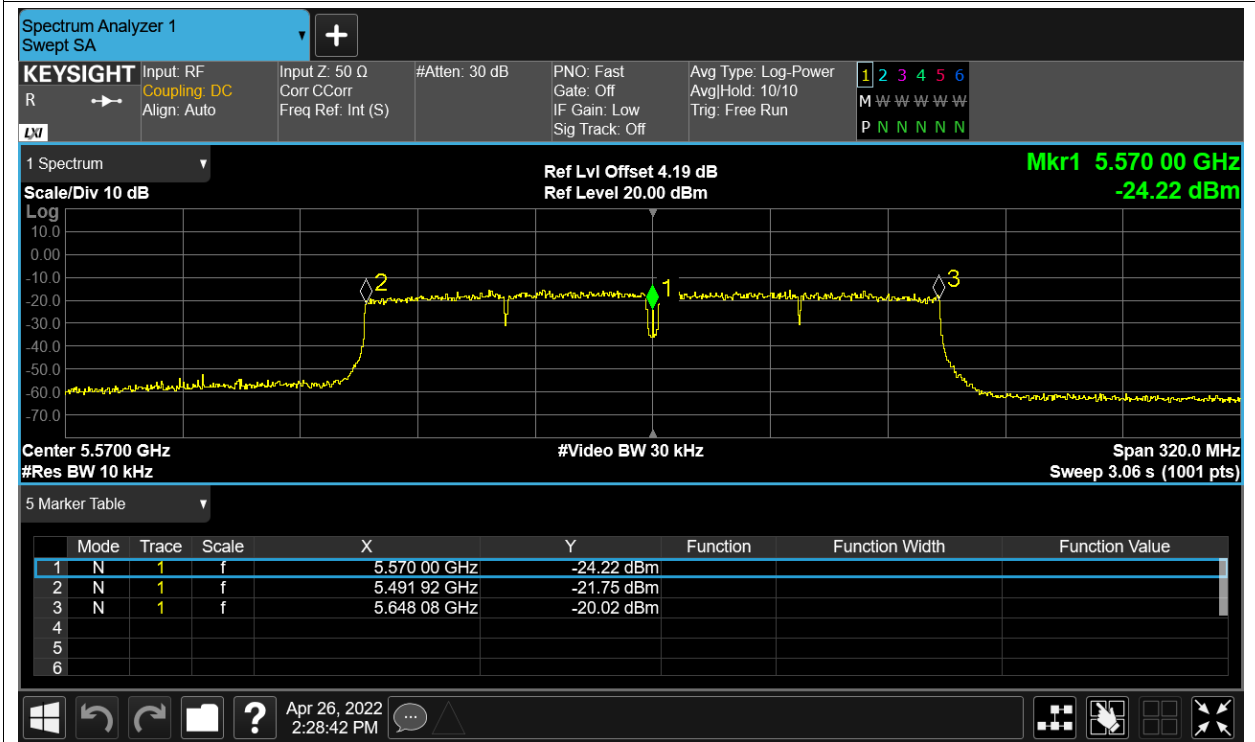
Freq. Stability NVNT a 5500MHz Ant2



Freq. Stability HVNT ac160 5570MHz Sum

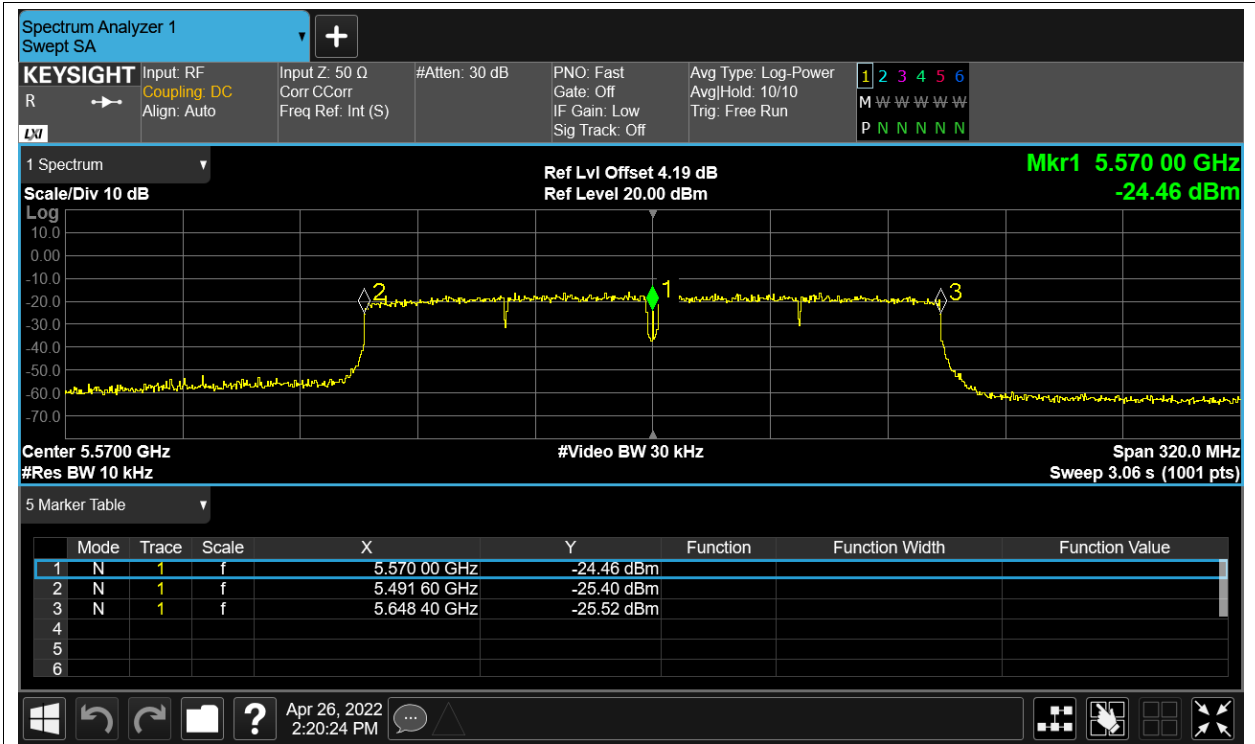


Freq. Stability LVNT ac160 5570MHz Sum

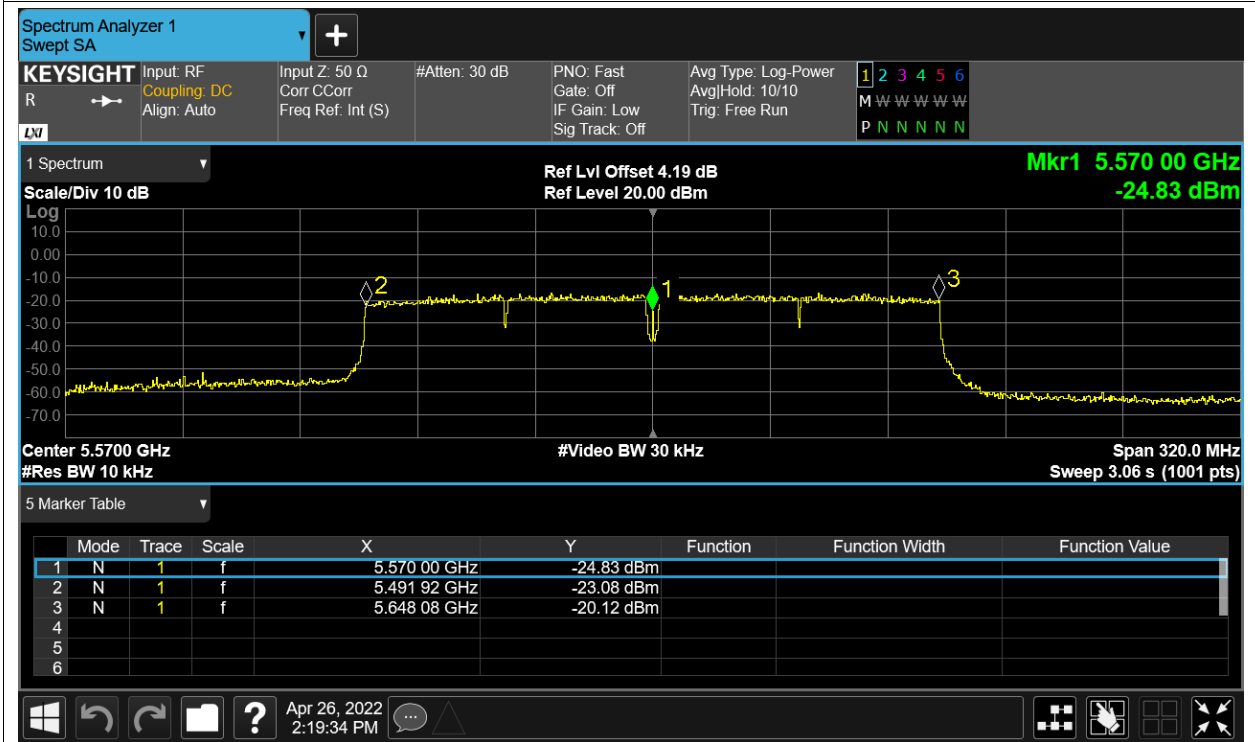


Freq. Stability NVHT ac160 5570MHz Sum

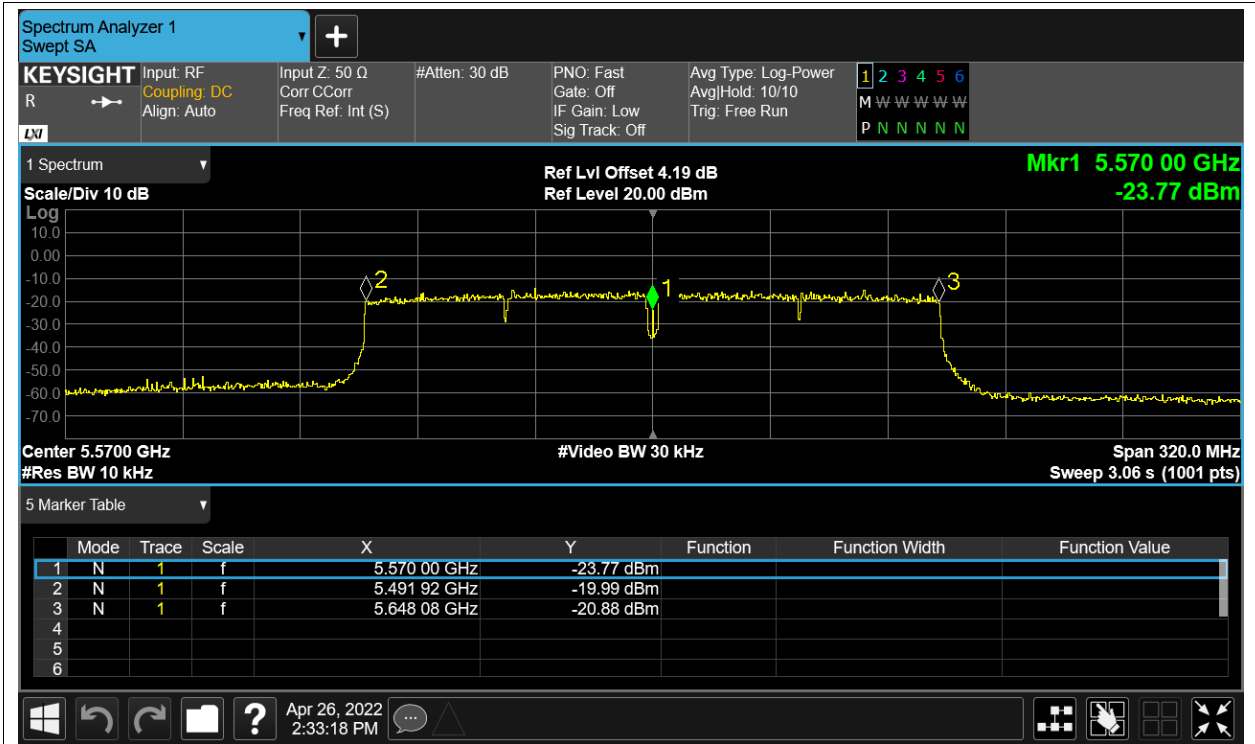




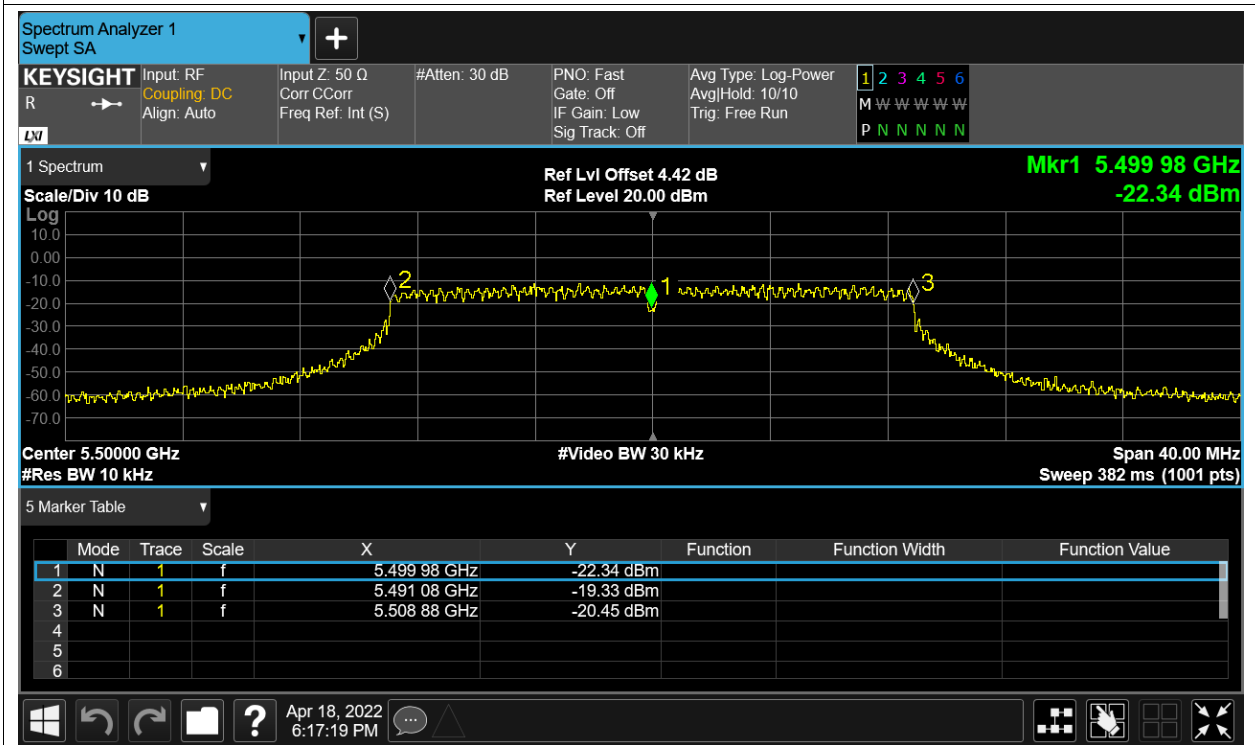
Freq. Stability NVLT ac160 5570MHz Sum



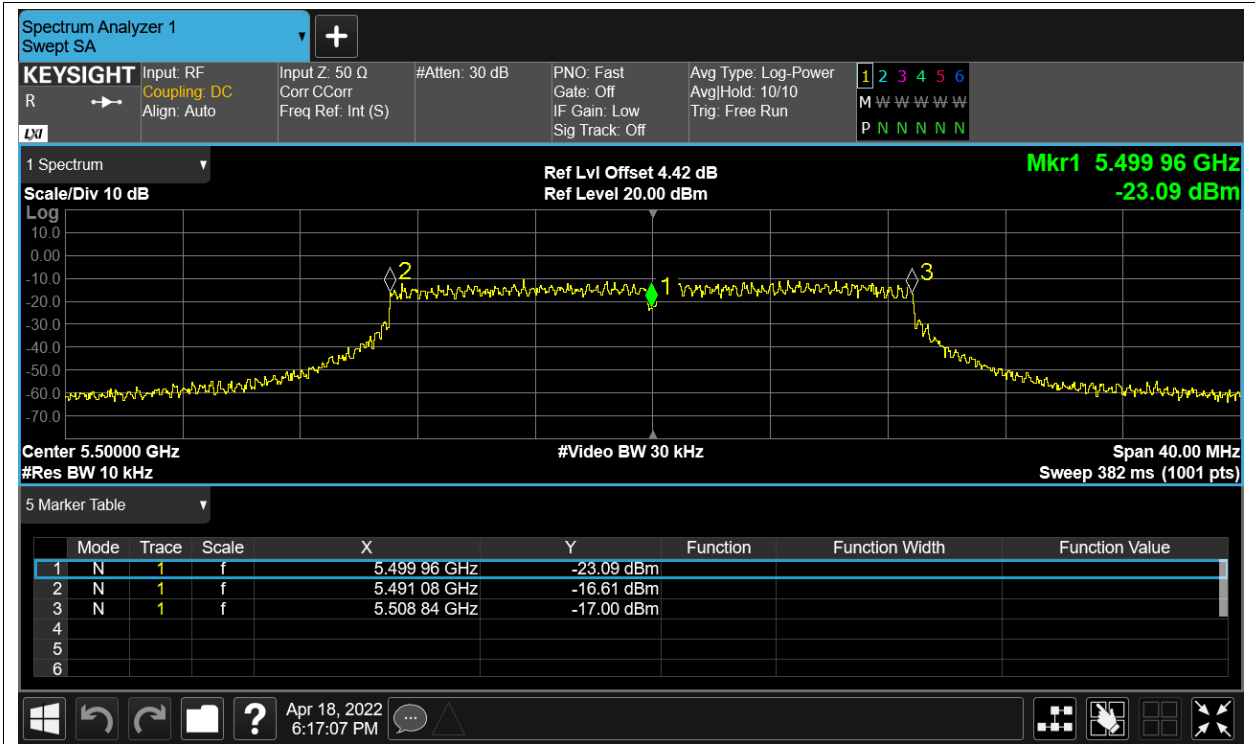
Freq. Stability NVNT ac160 5570MHz Sum



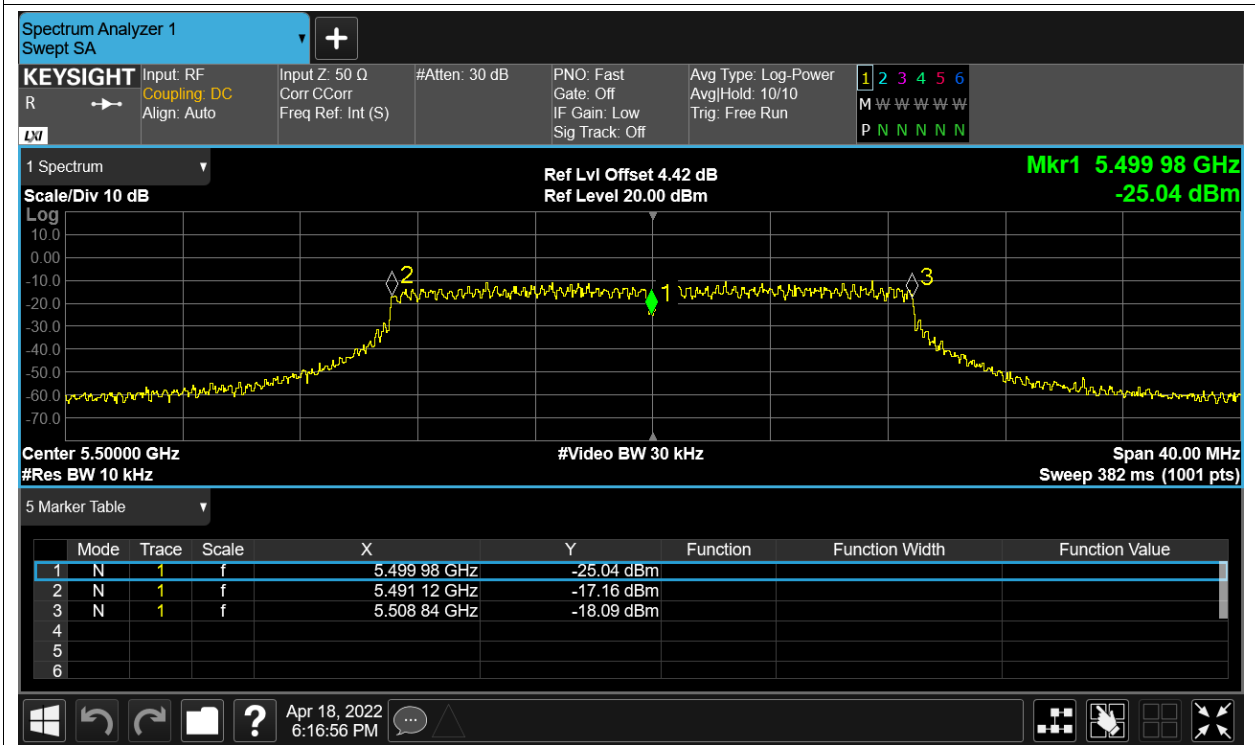
Freq. Stability HVNT ac20 5500MHz Sum



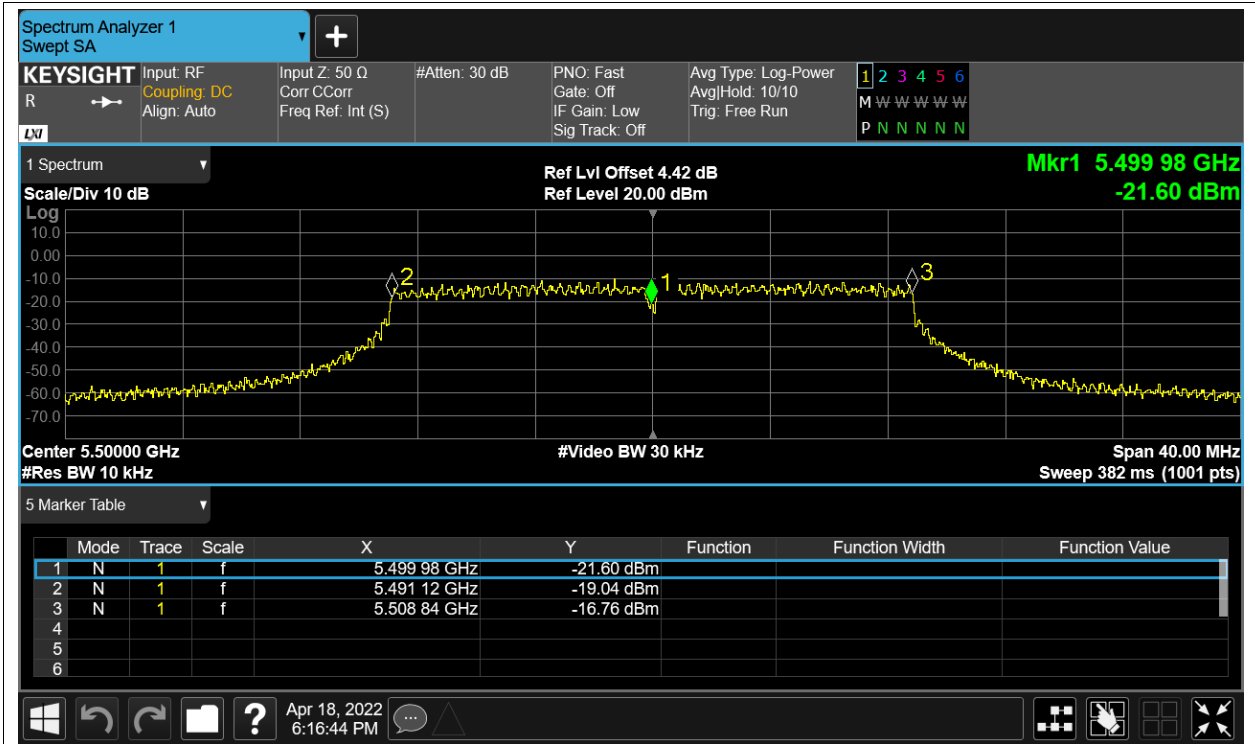
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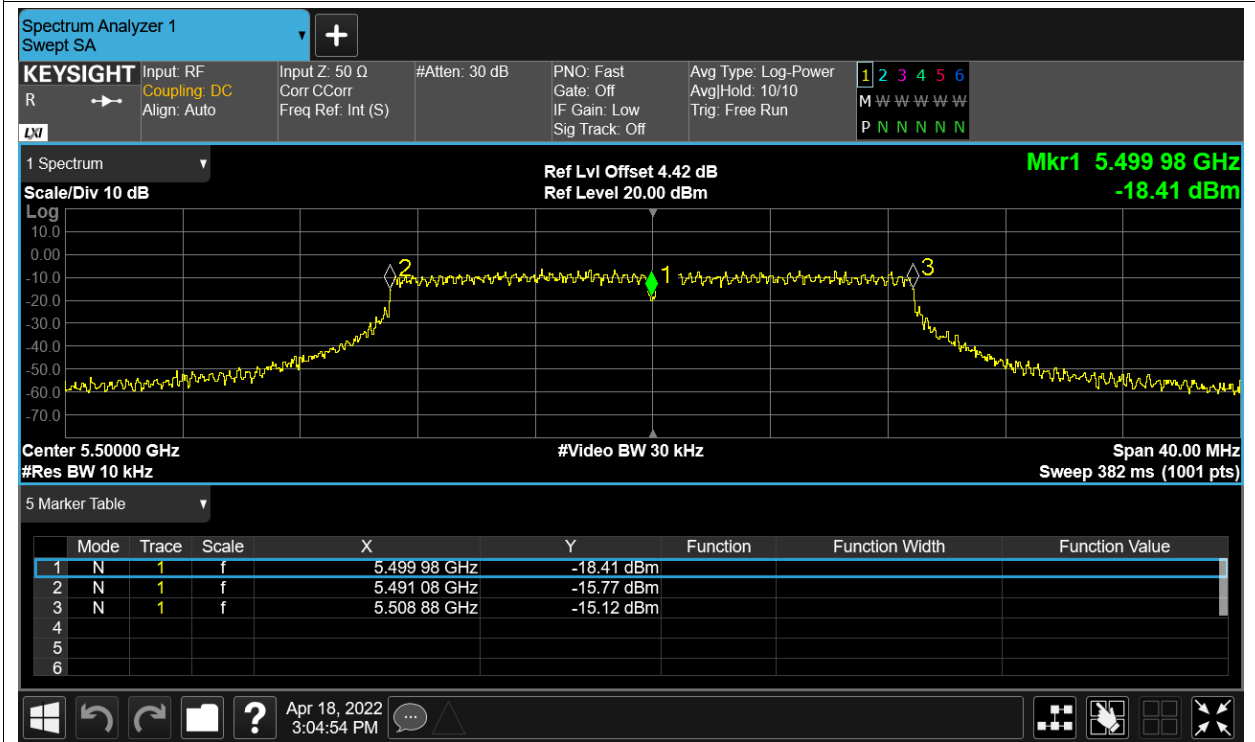
Freq. Stability NVHT ac20 5500MHz Sum



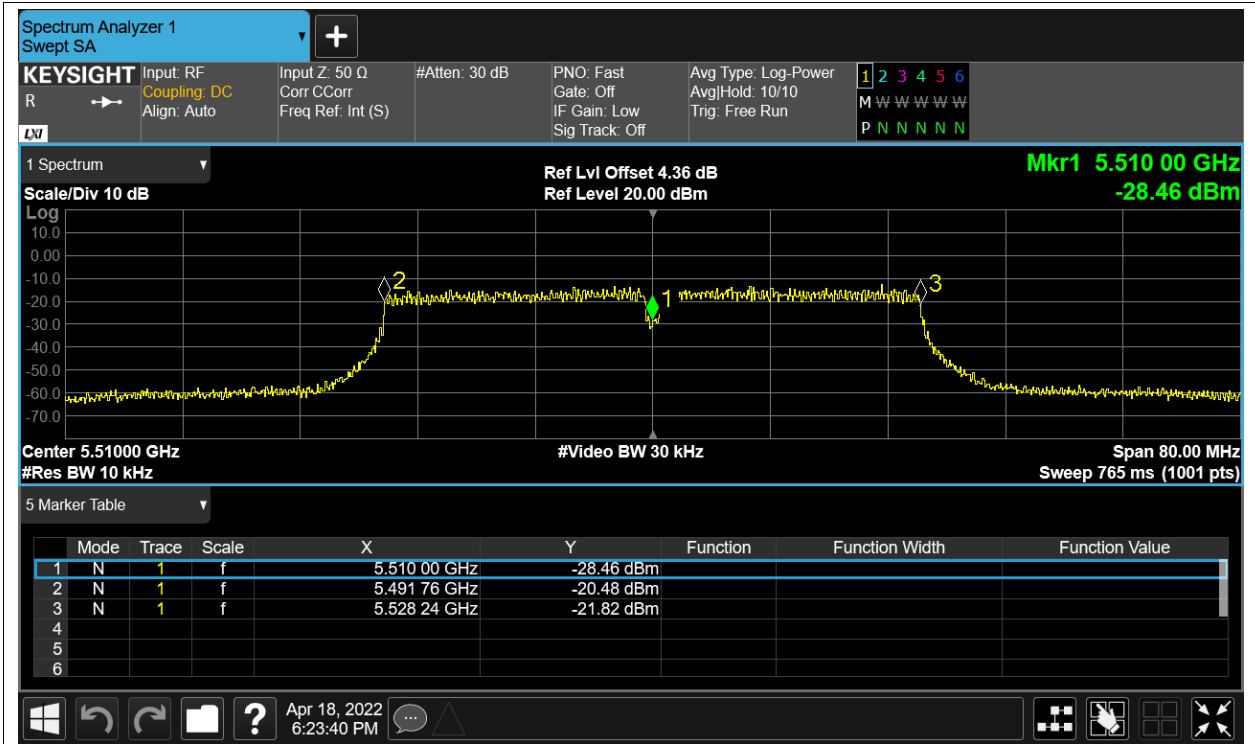
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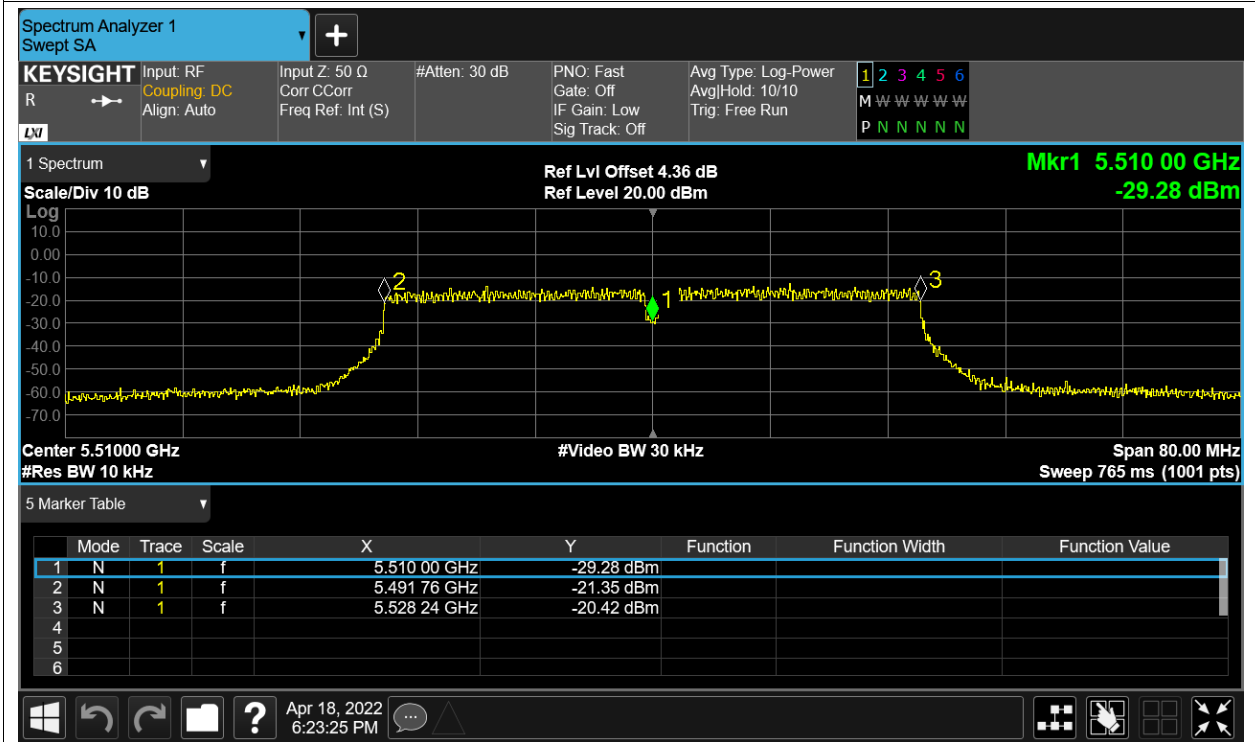
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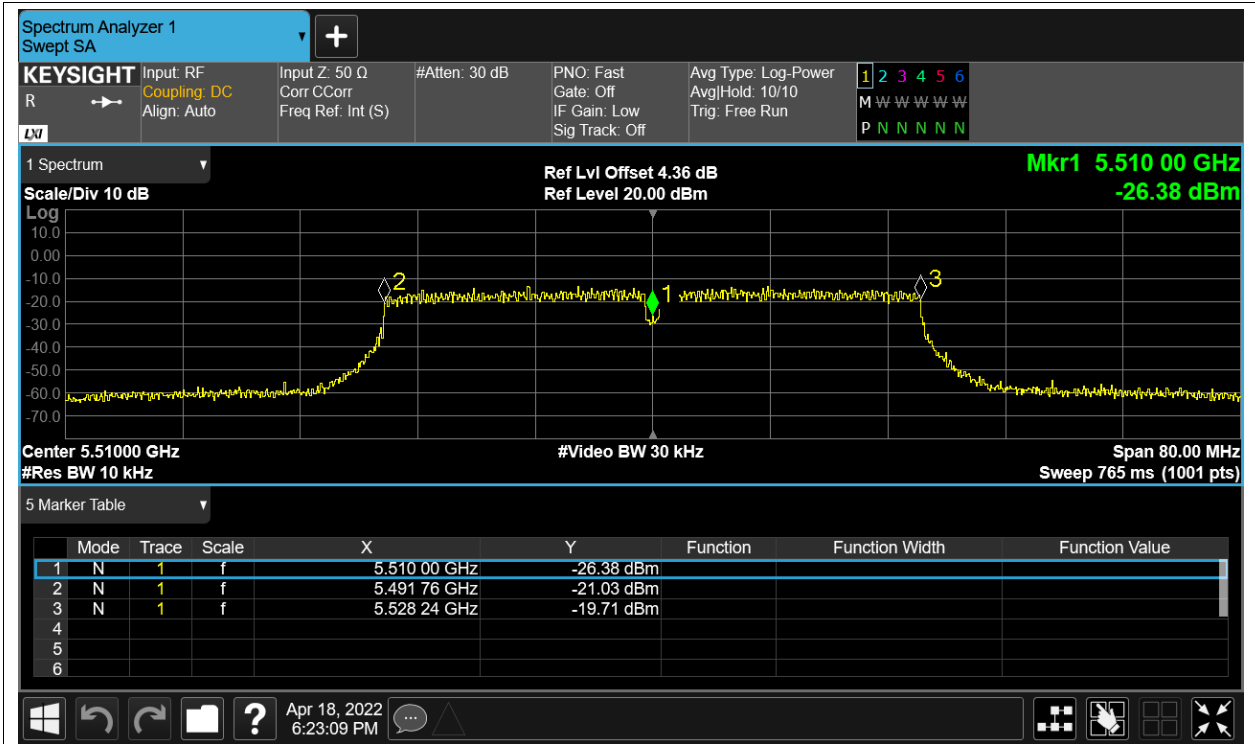
Freq. Stability HVNT ac40 5510MHz Sum



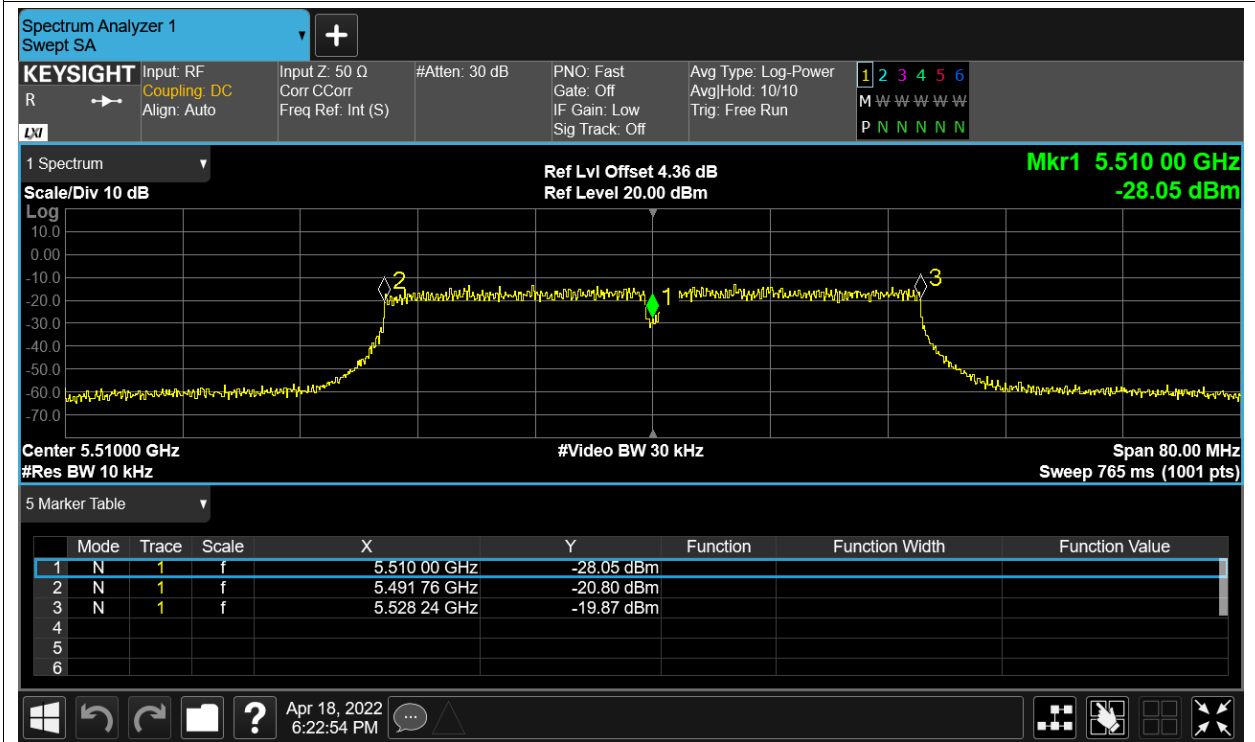
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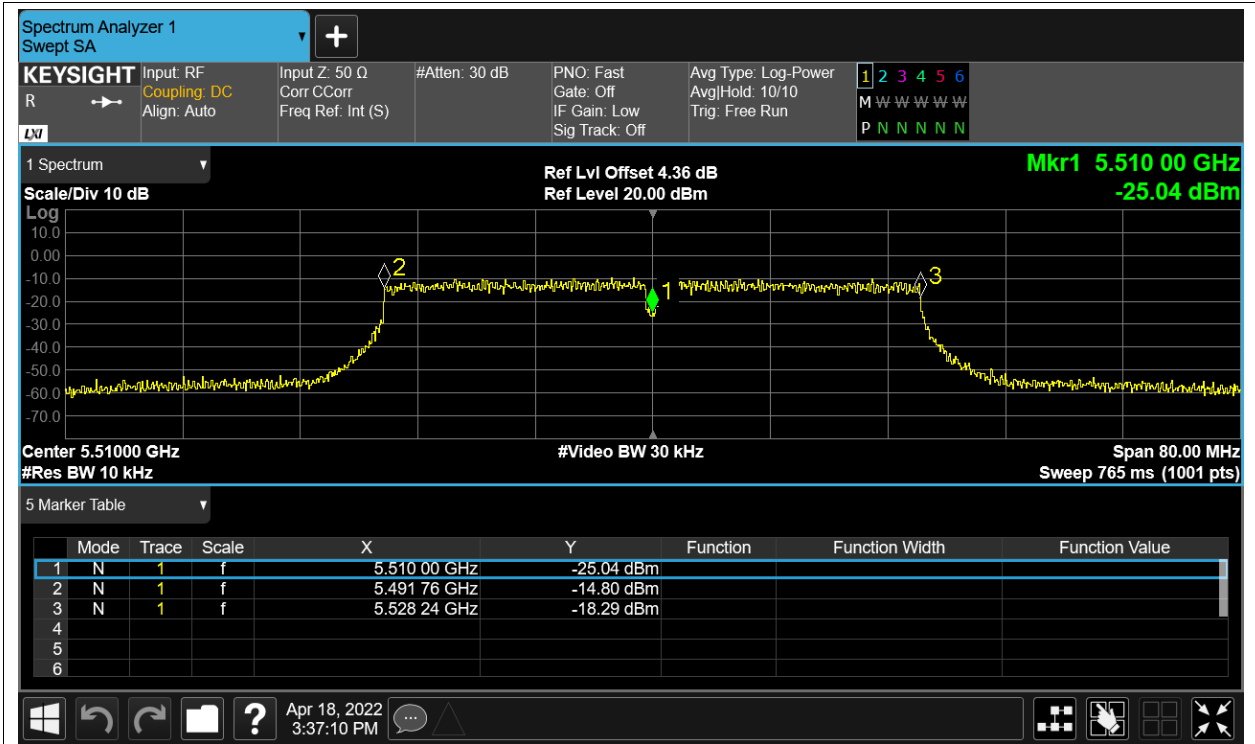
Freq. Stability NVHT ac40 5510MHz Sum



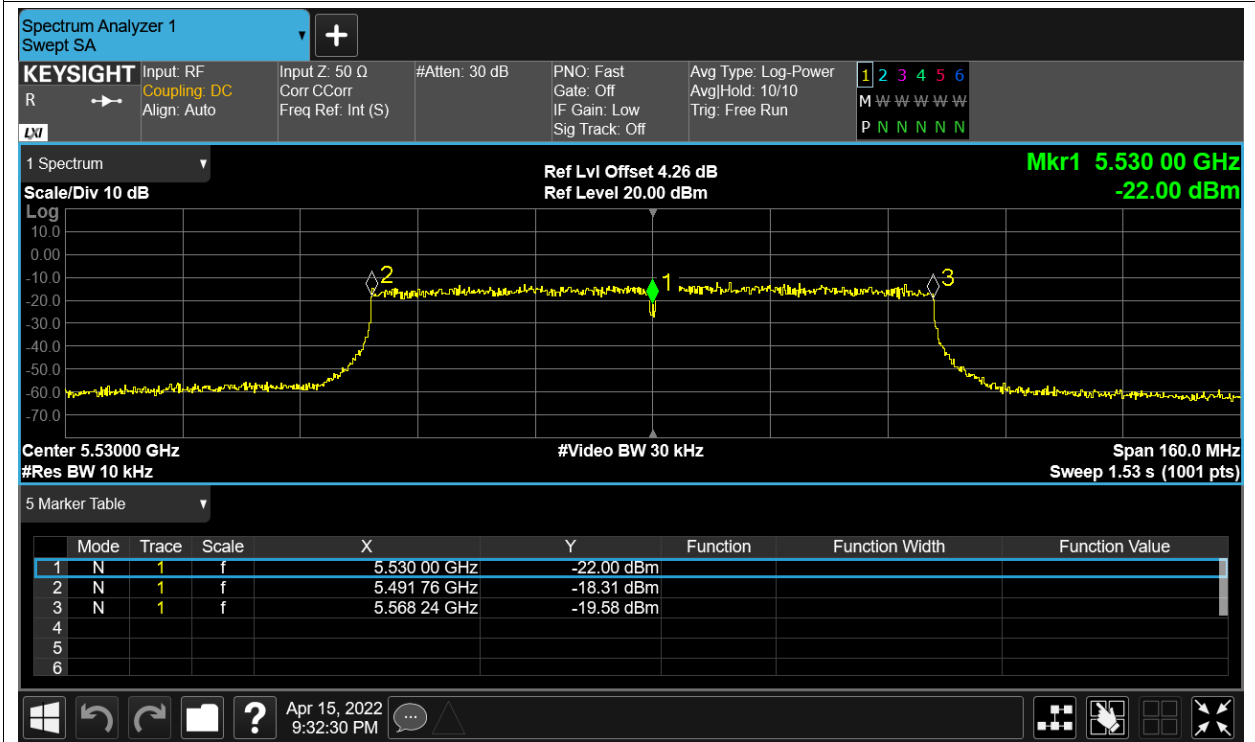
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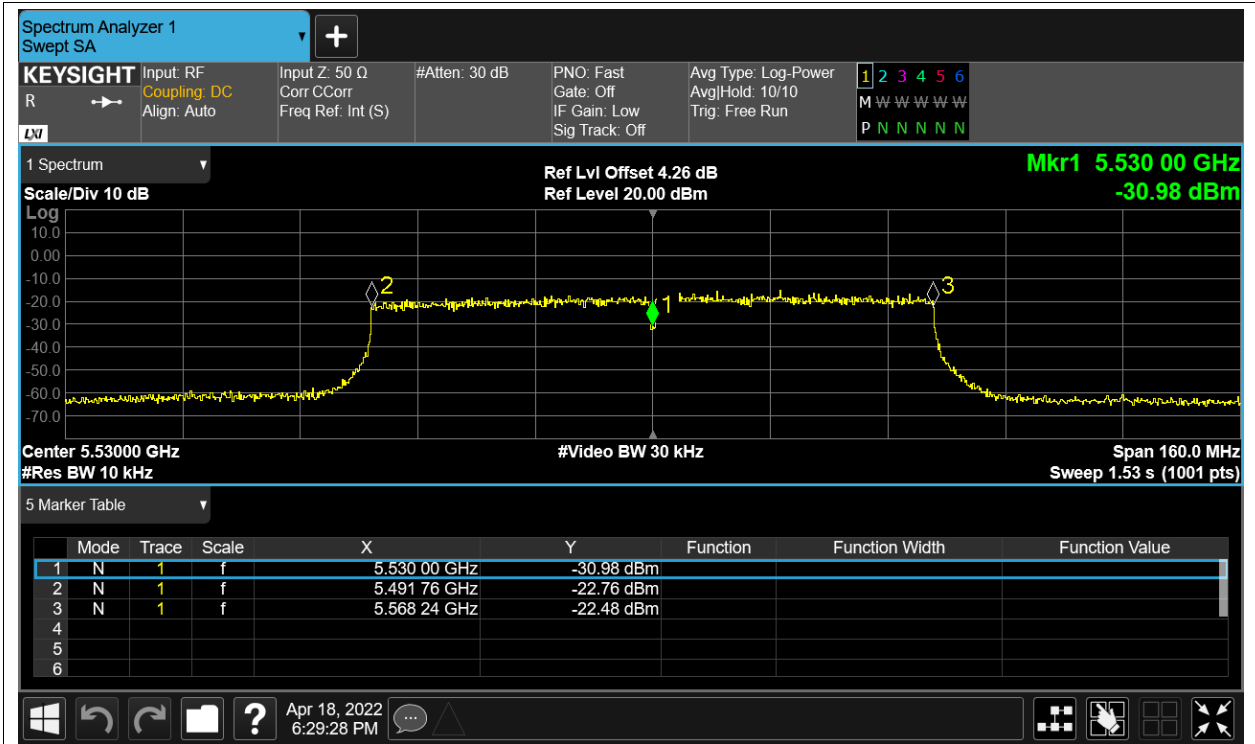
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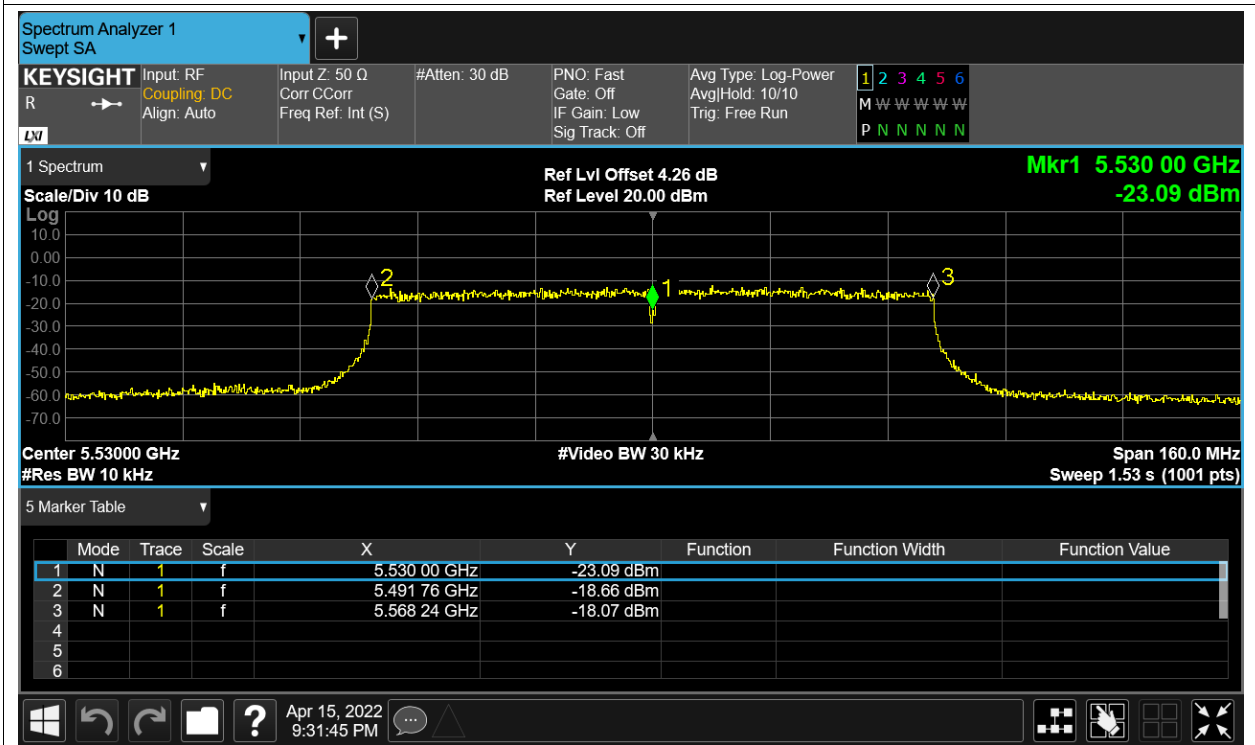
Freq. Stability HVNT ac80 5530MHz Sum



Freq. Stability LVNT ac80 5530MHz Sum

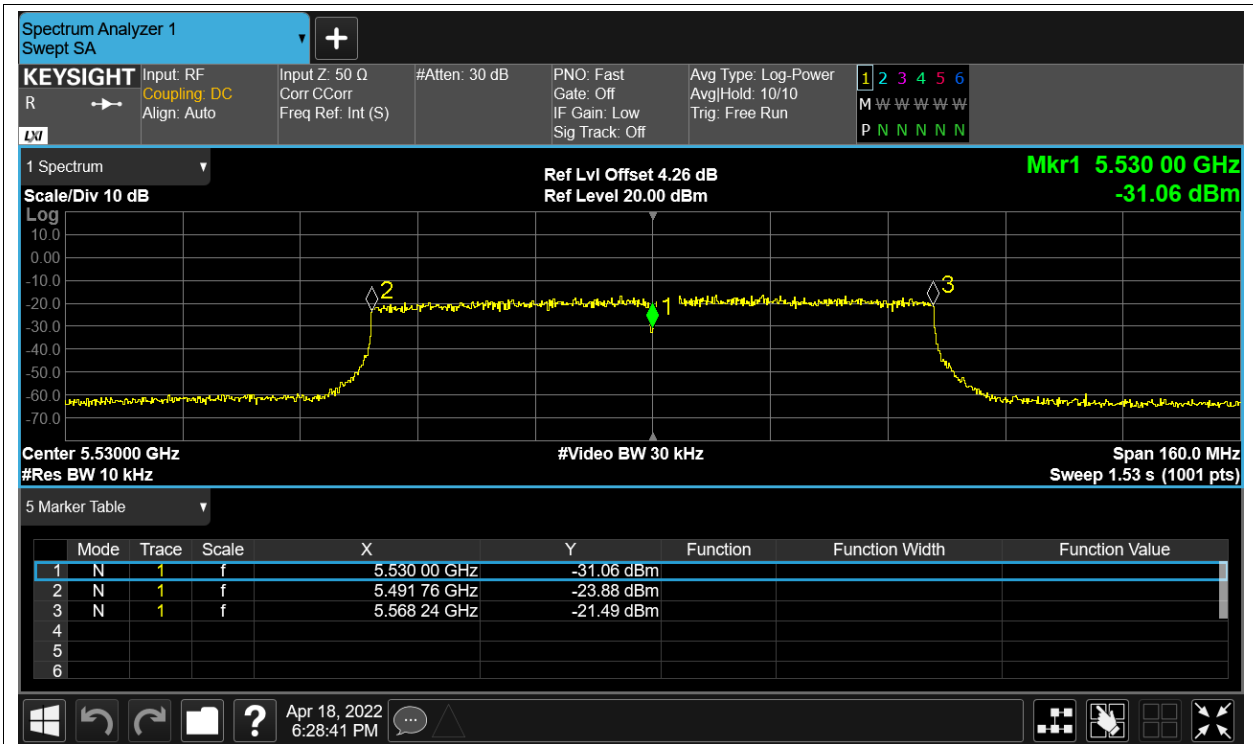


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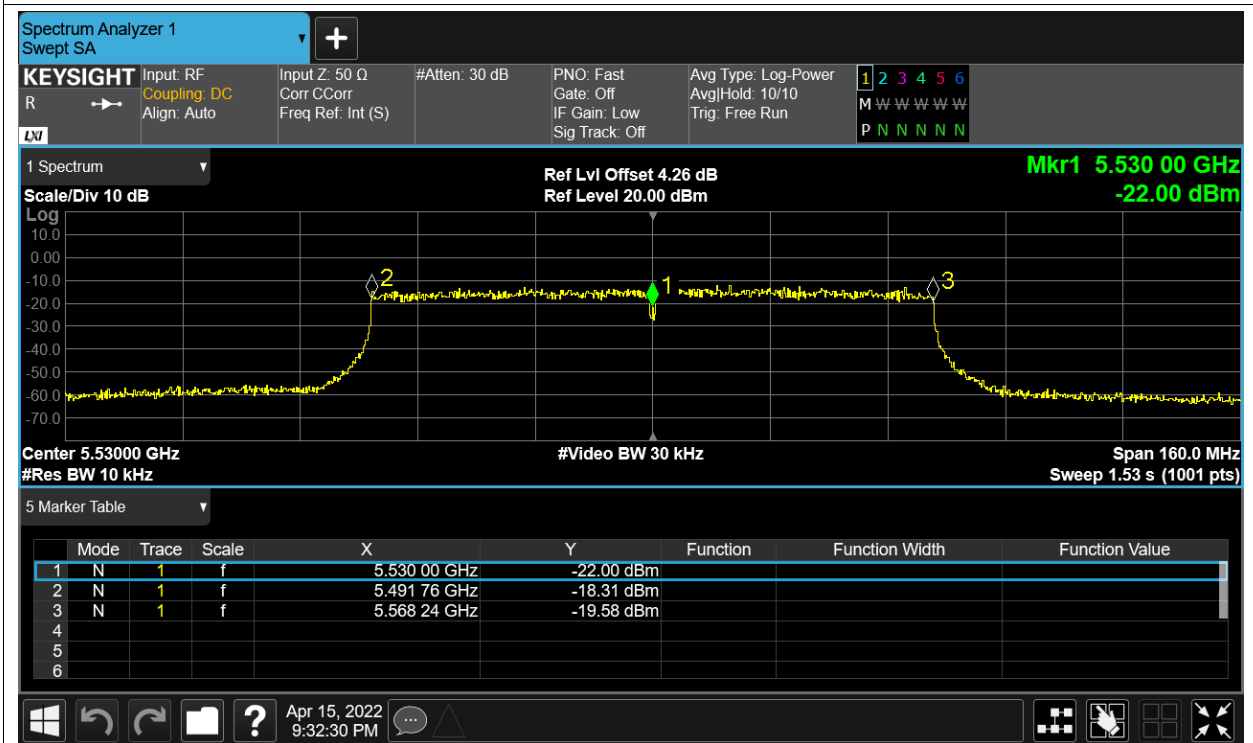


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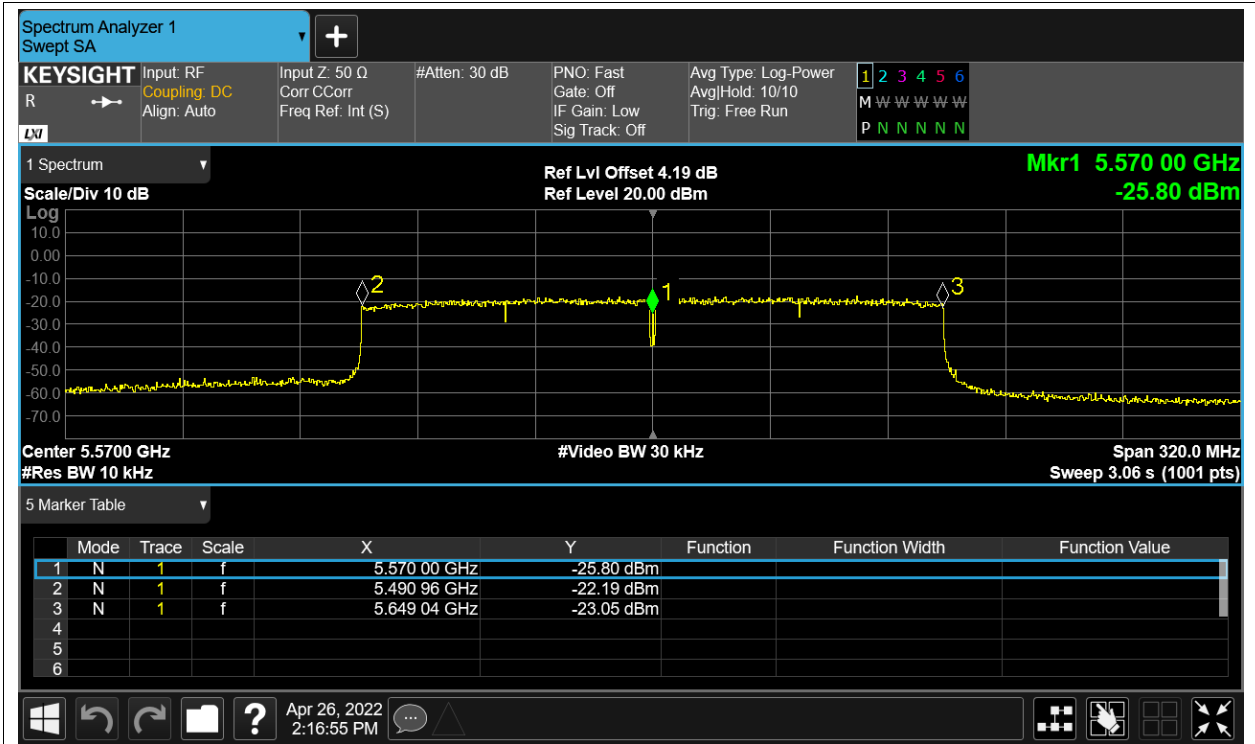




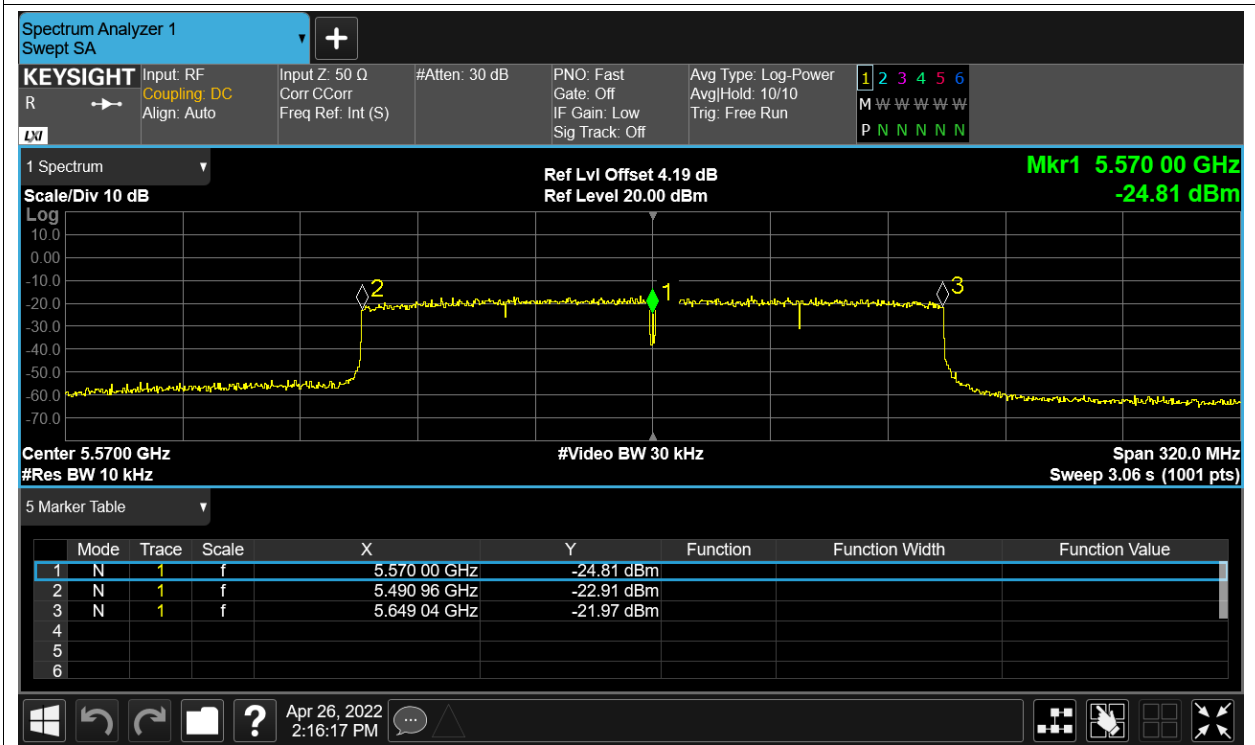
Freq. Stability NVNT ac80 5530MHz Sum



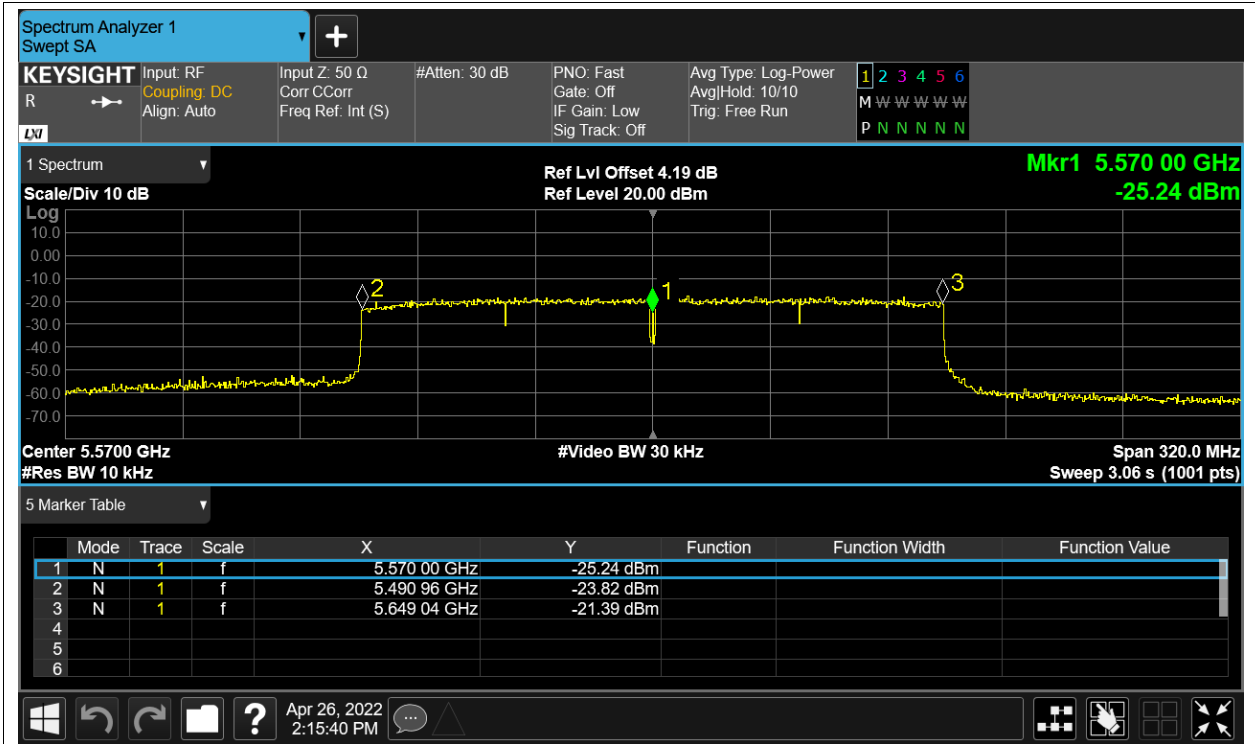
Freq. Stability HVNT ax160 5570MHz Sum



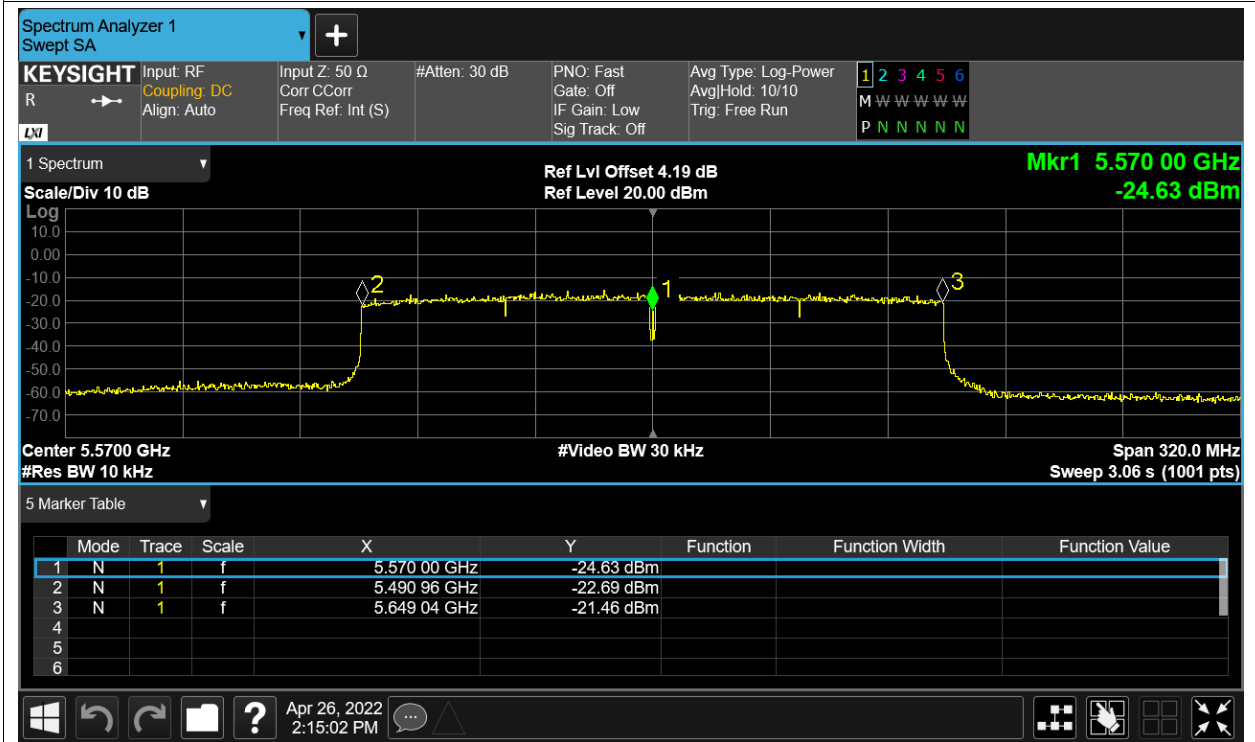
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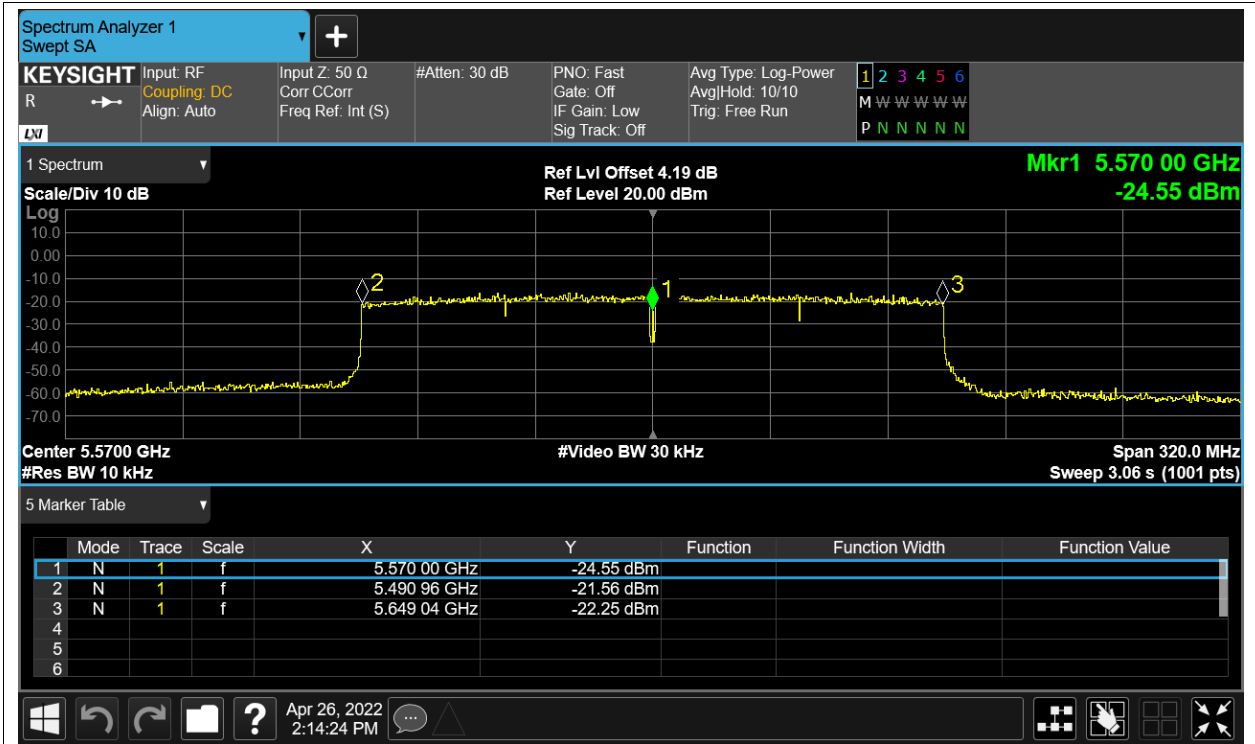
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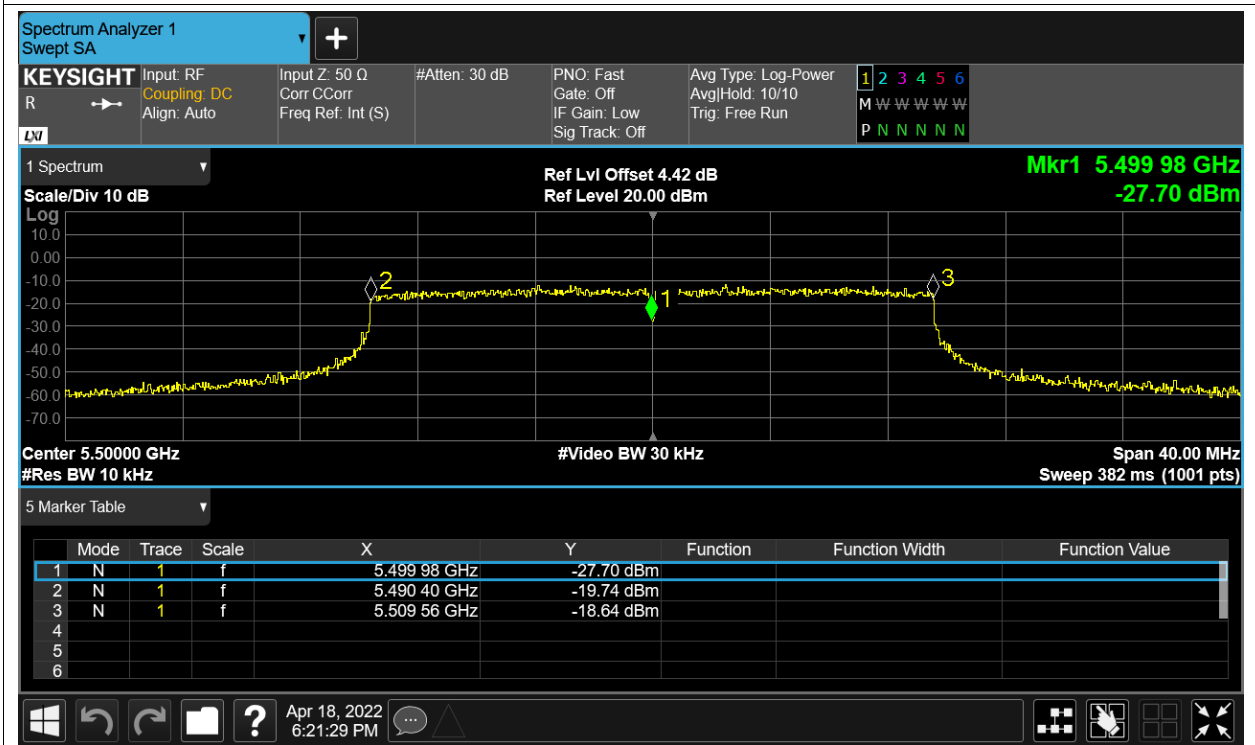
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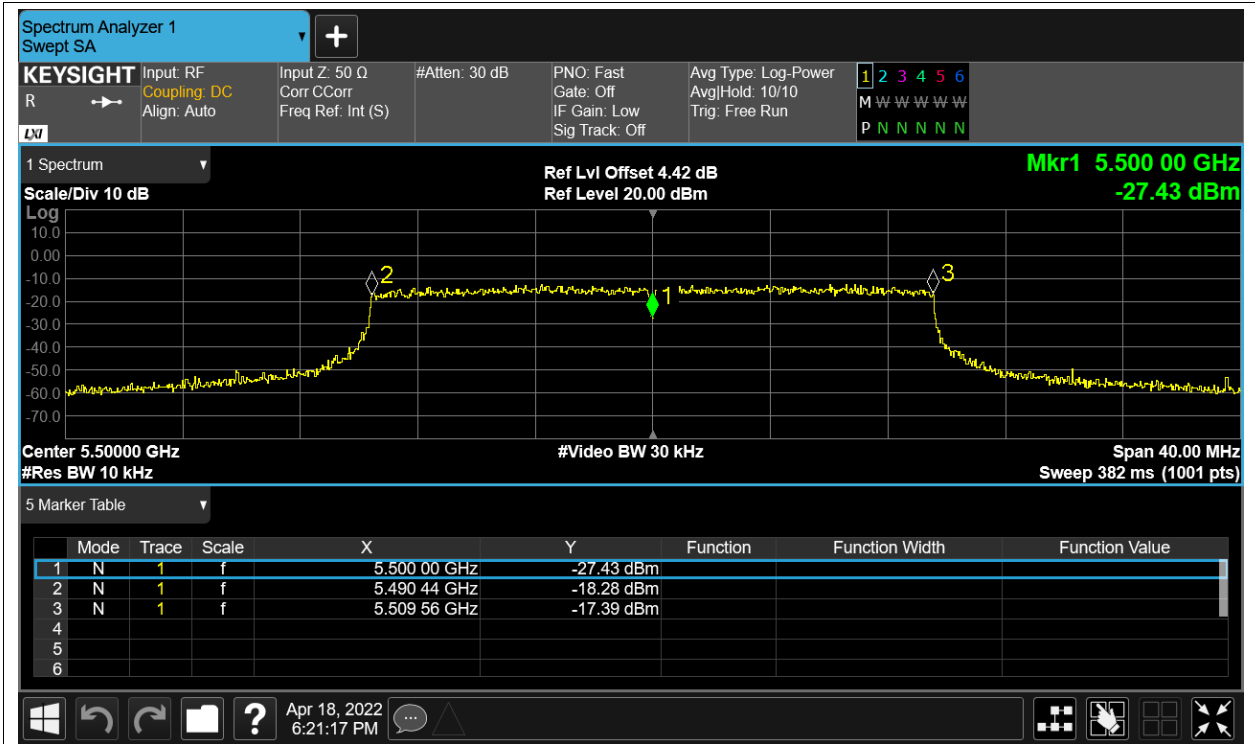
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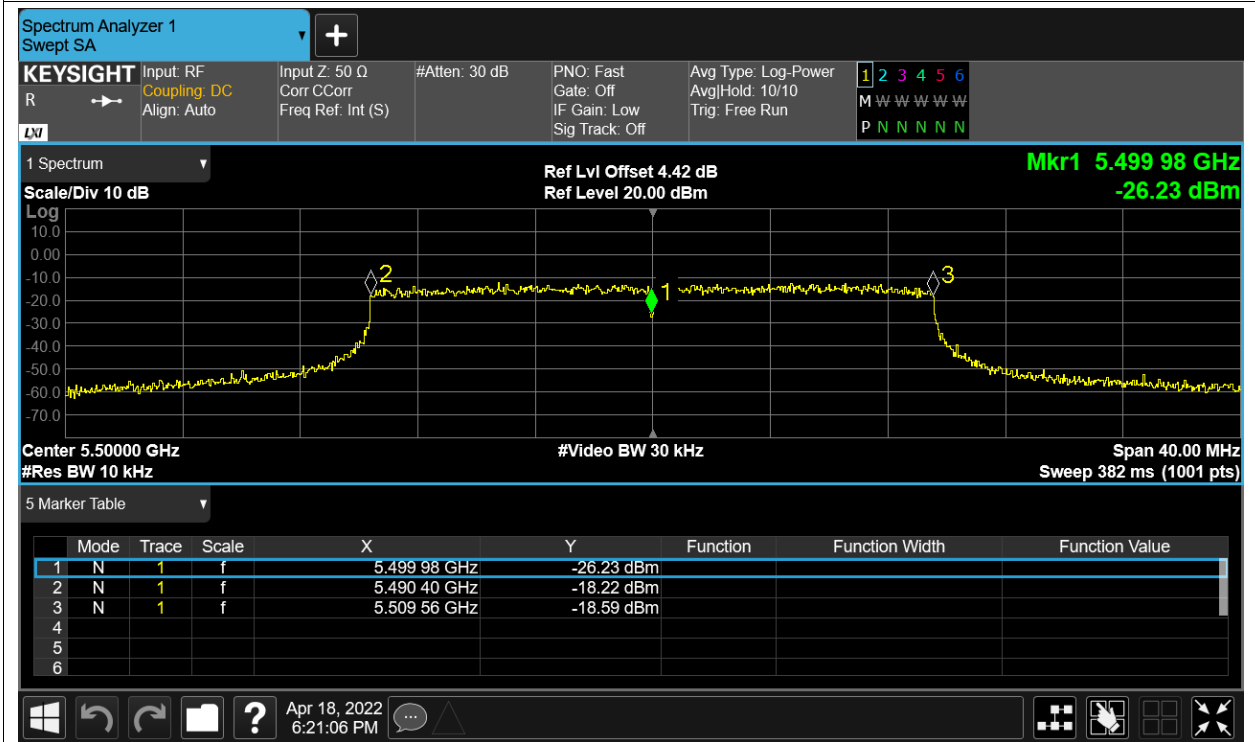
Freq. Stability HVNT ax20 5500MHz Sum



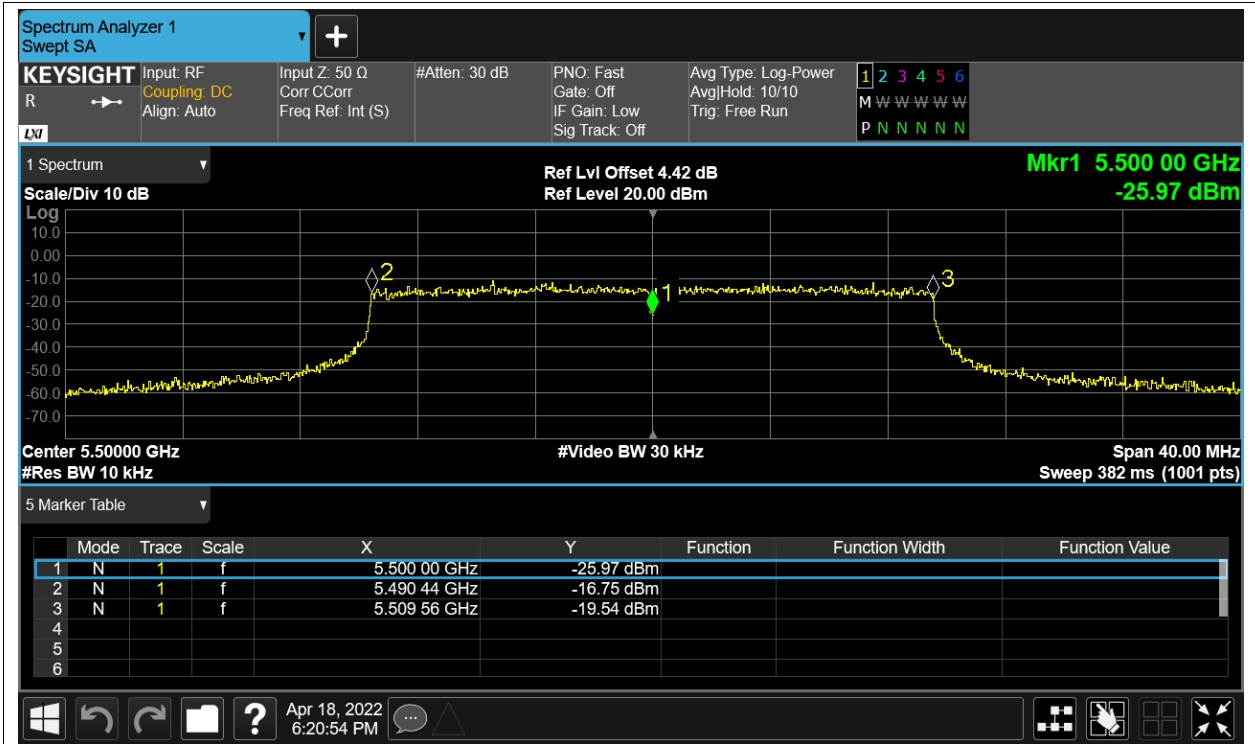
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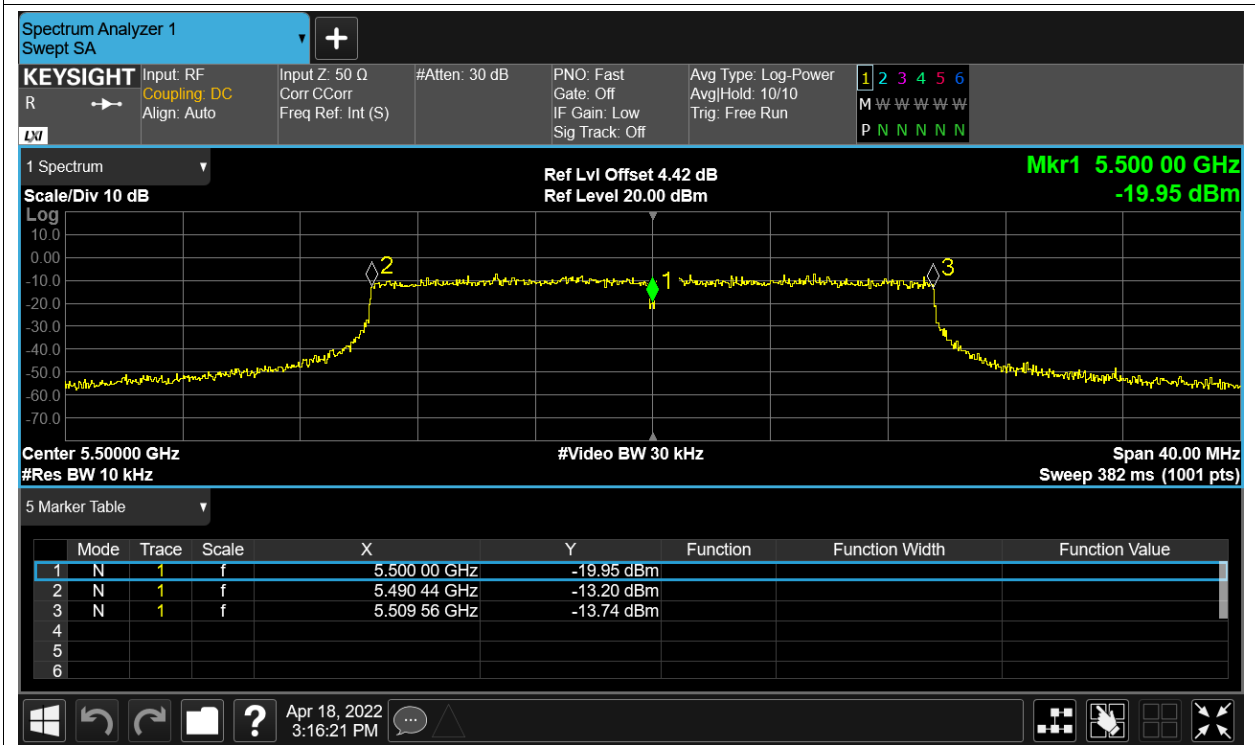
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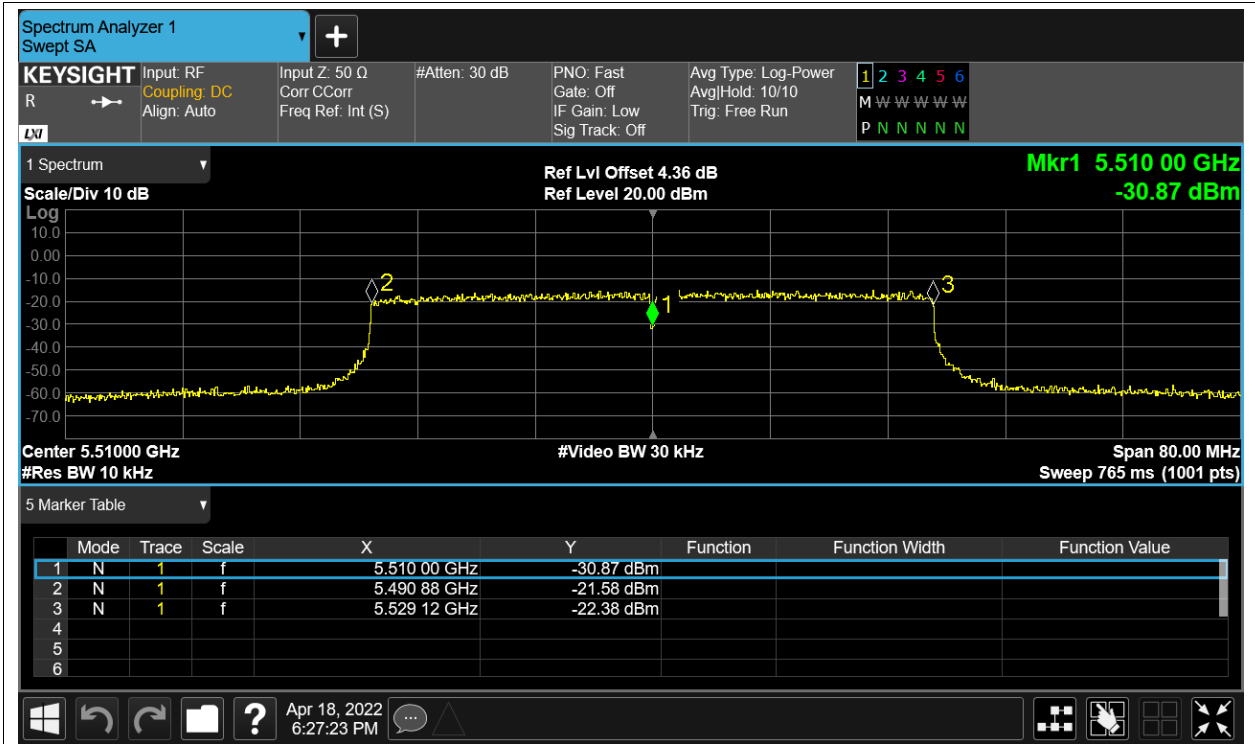
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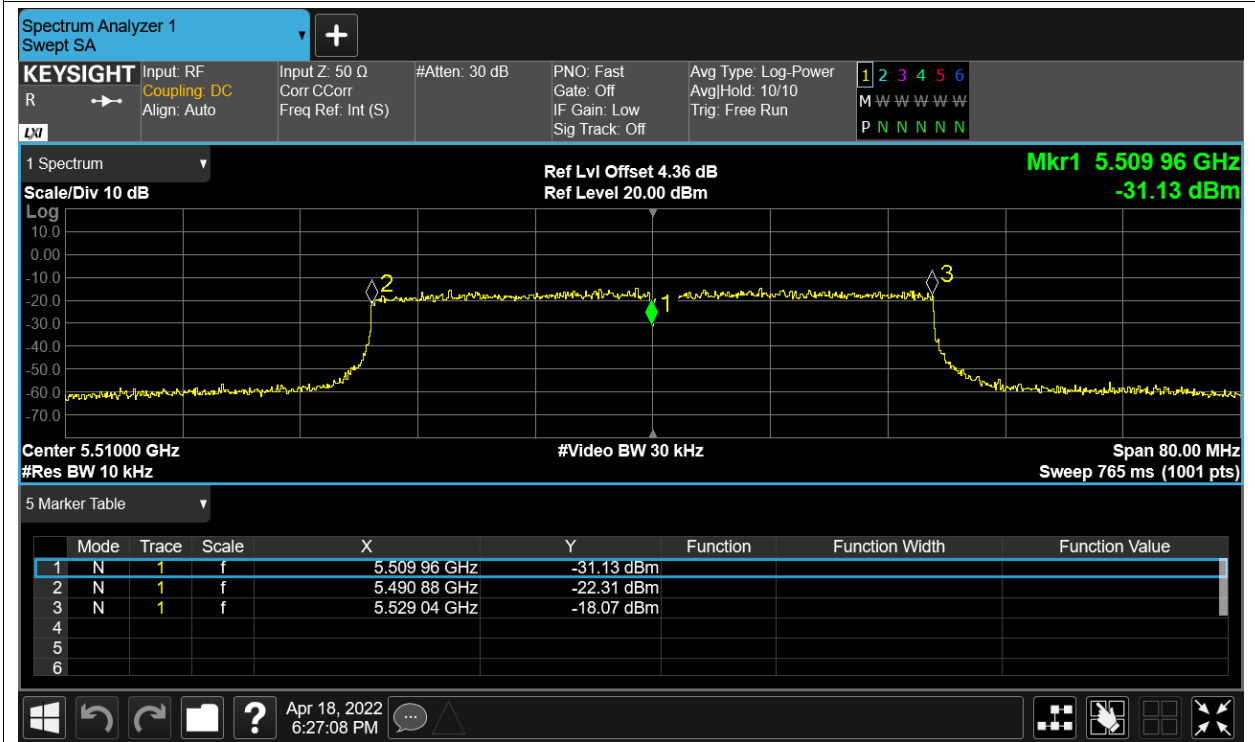
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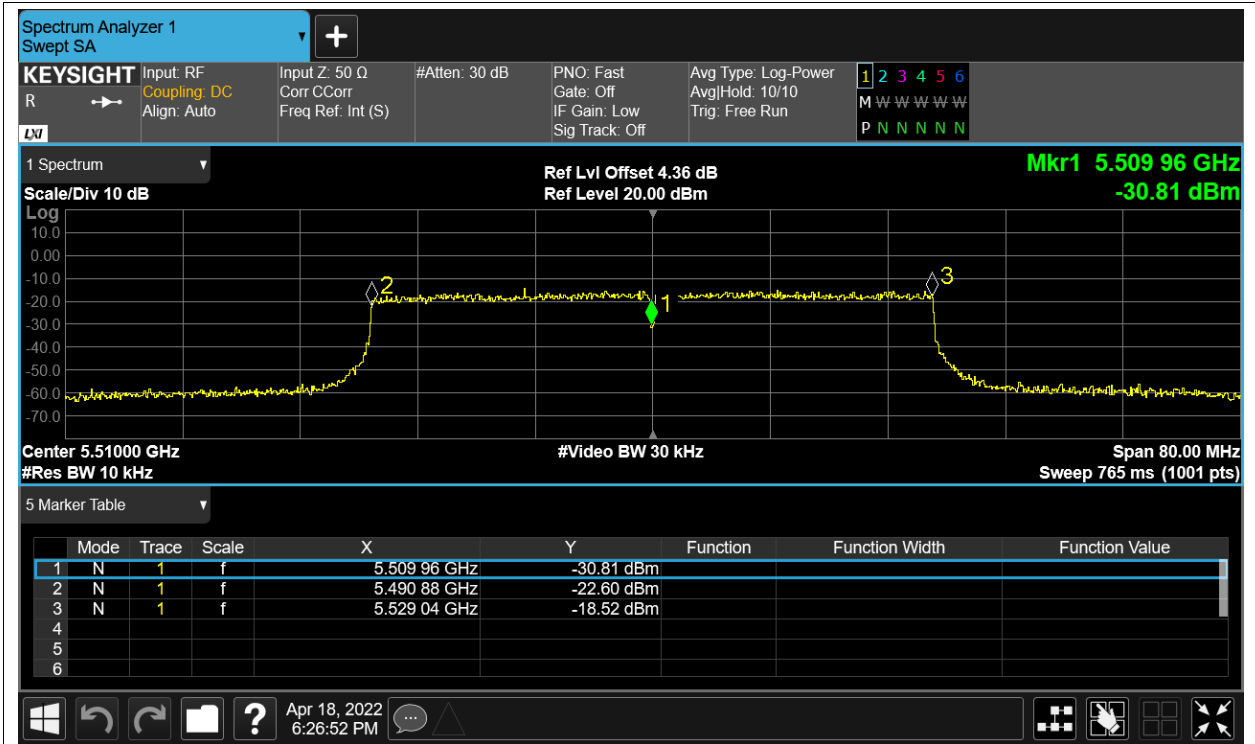
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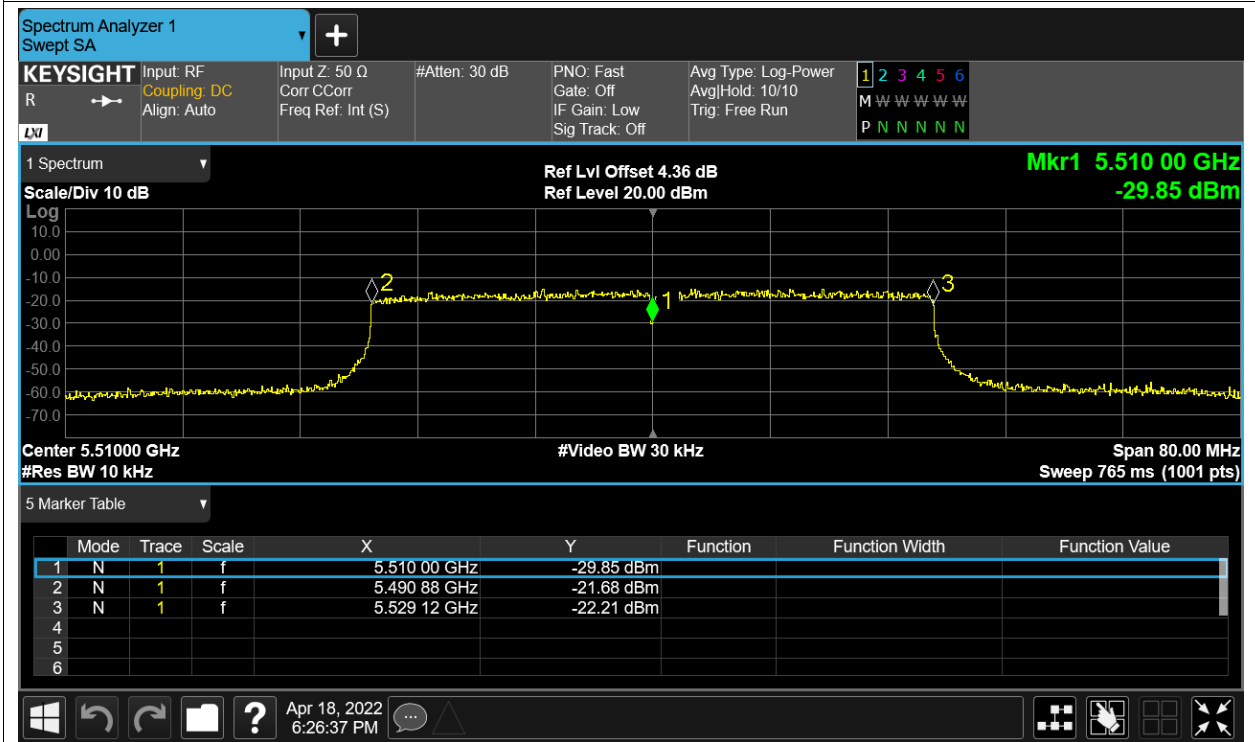
Freq. Stability LVNT ax40 5510MHz Sum



Freq. Stability NVHT ax40 5510MHz Sum

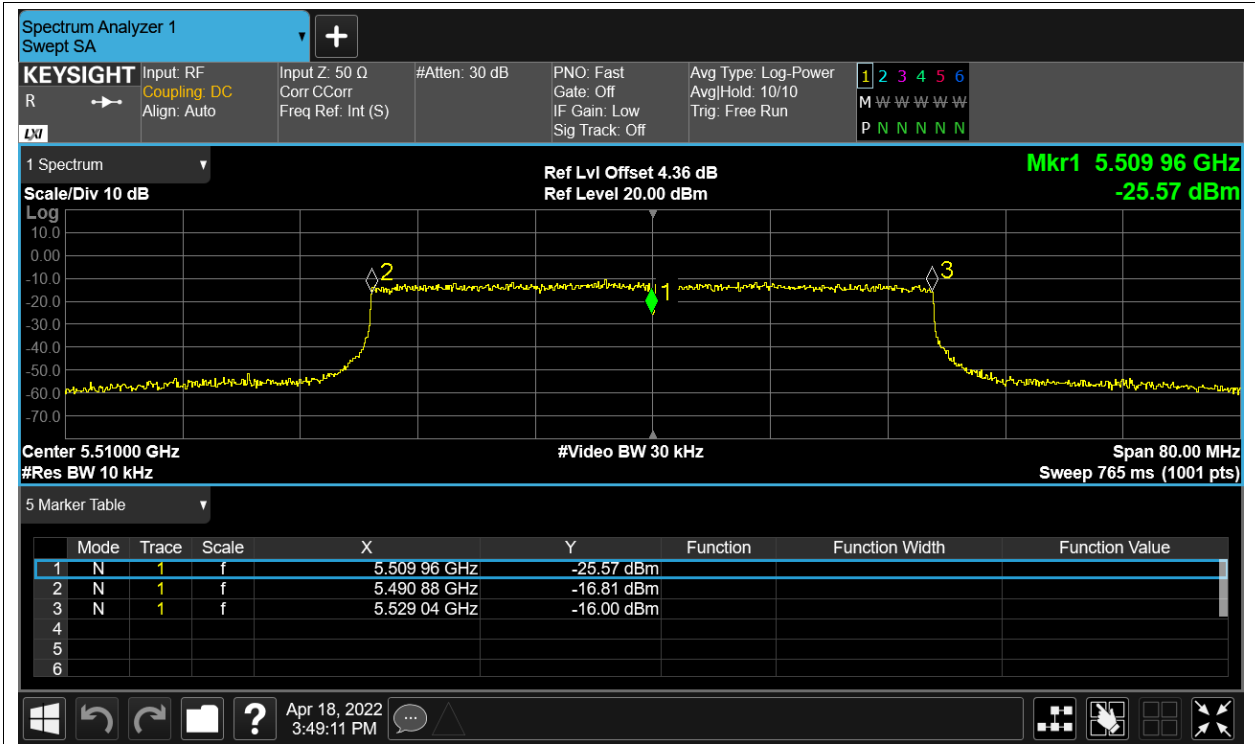


Freq. Stability NVLT ax40 5510MHz Sum

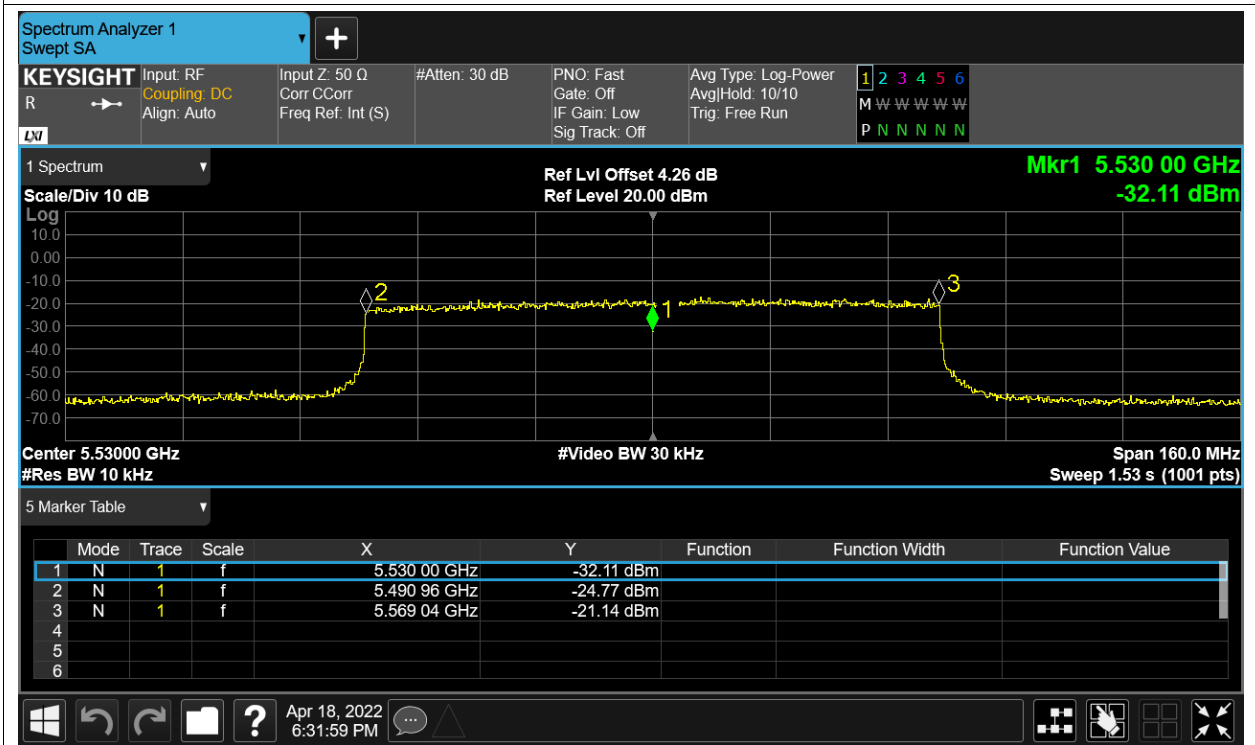


Freq. Stability NVNT ax40 5510MHz Sum

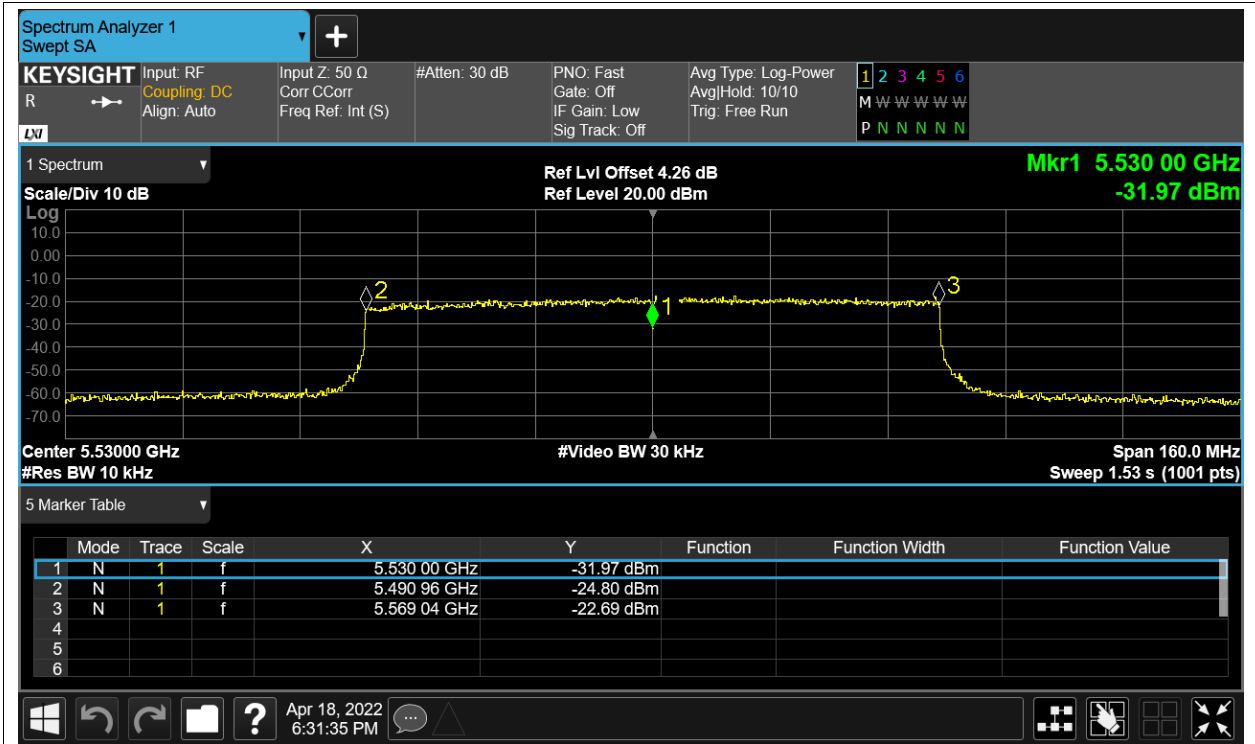




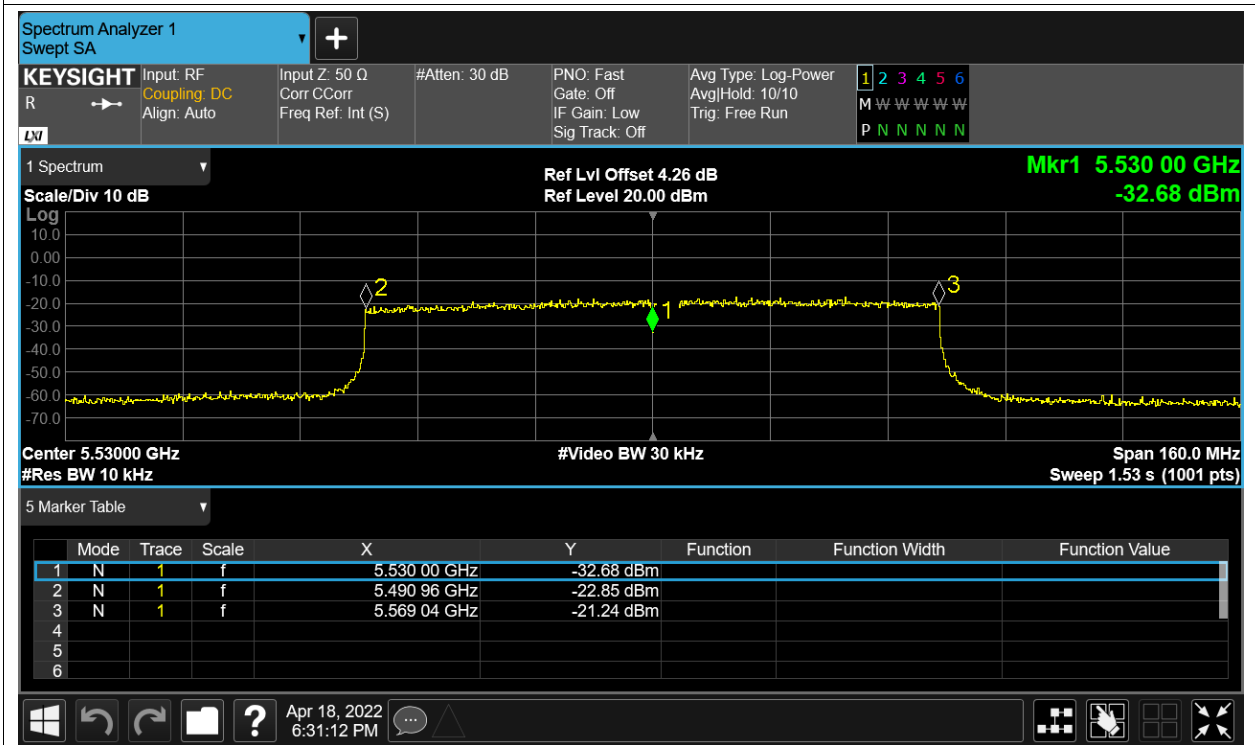
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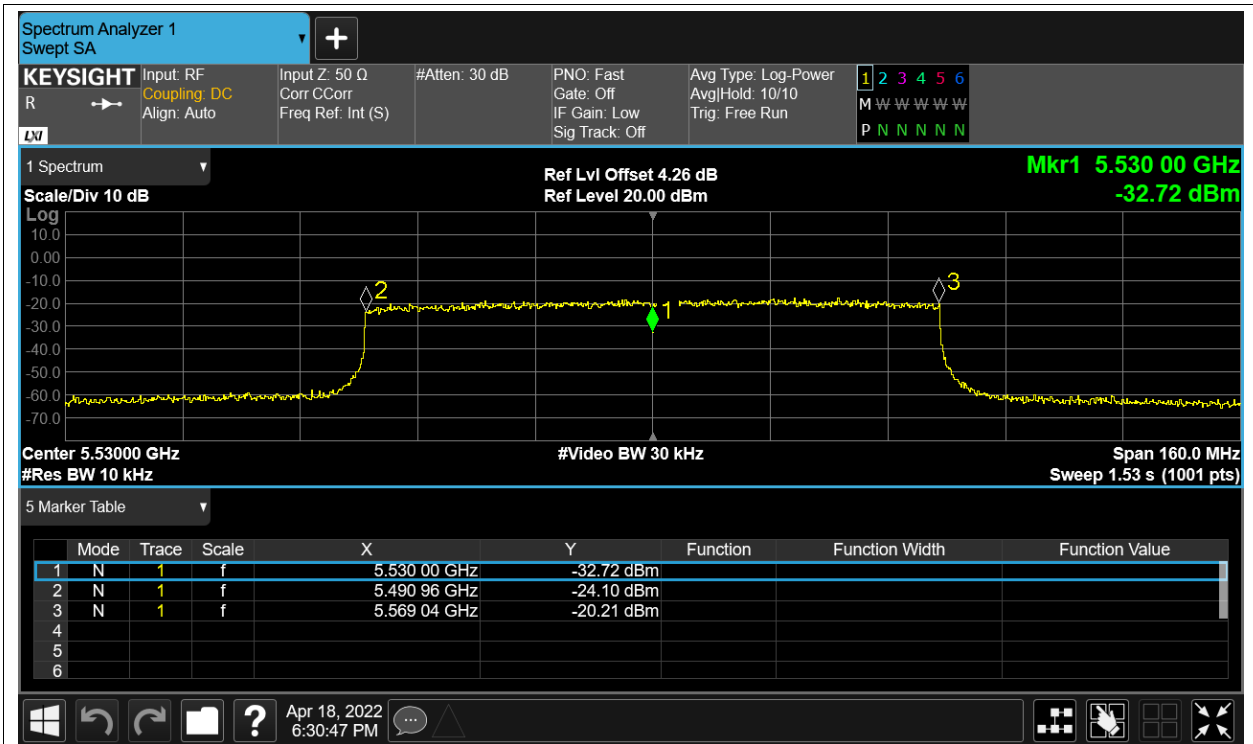
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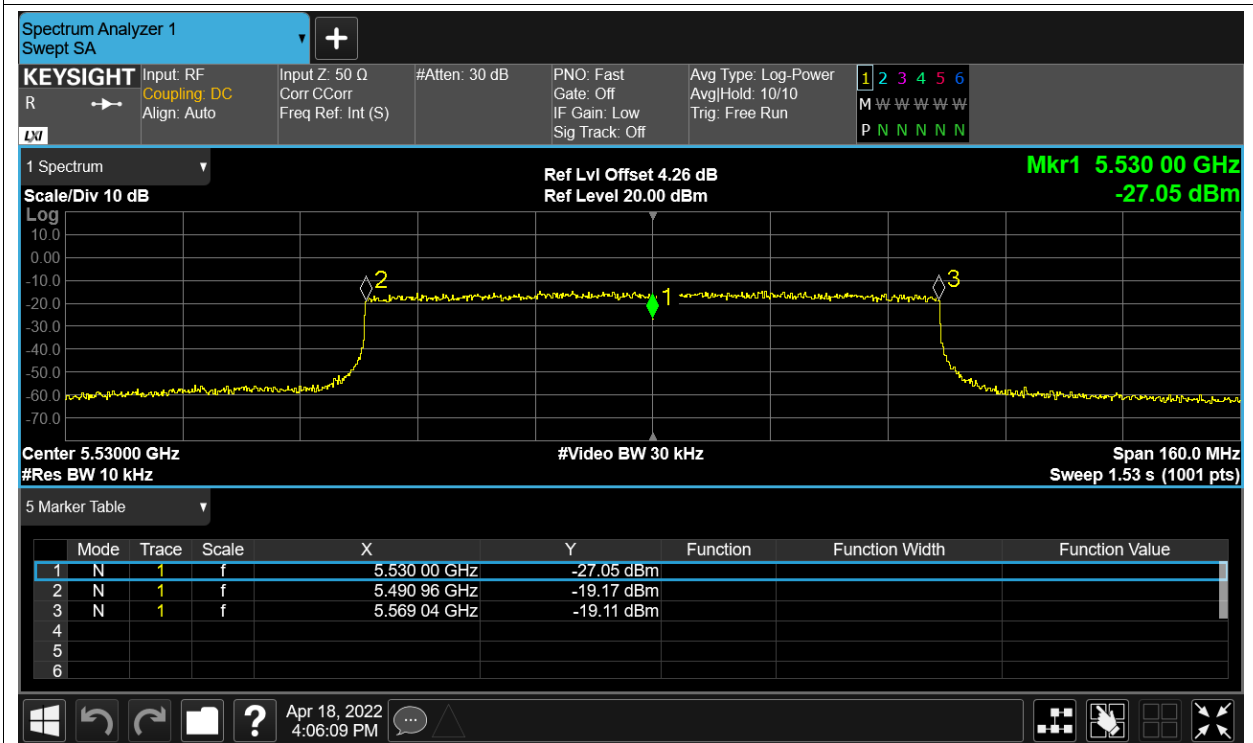
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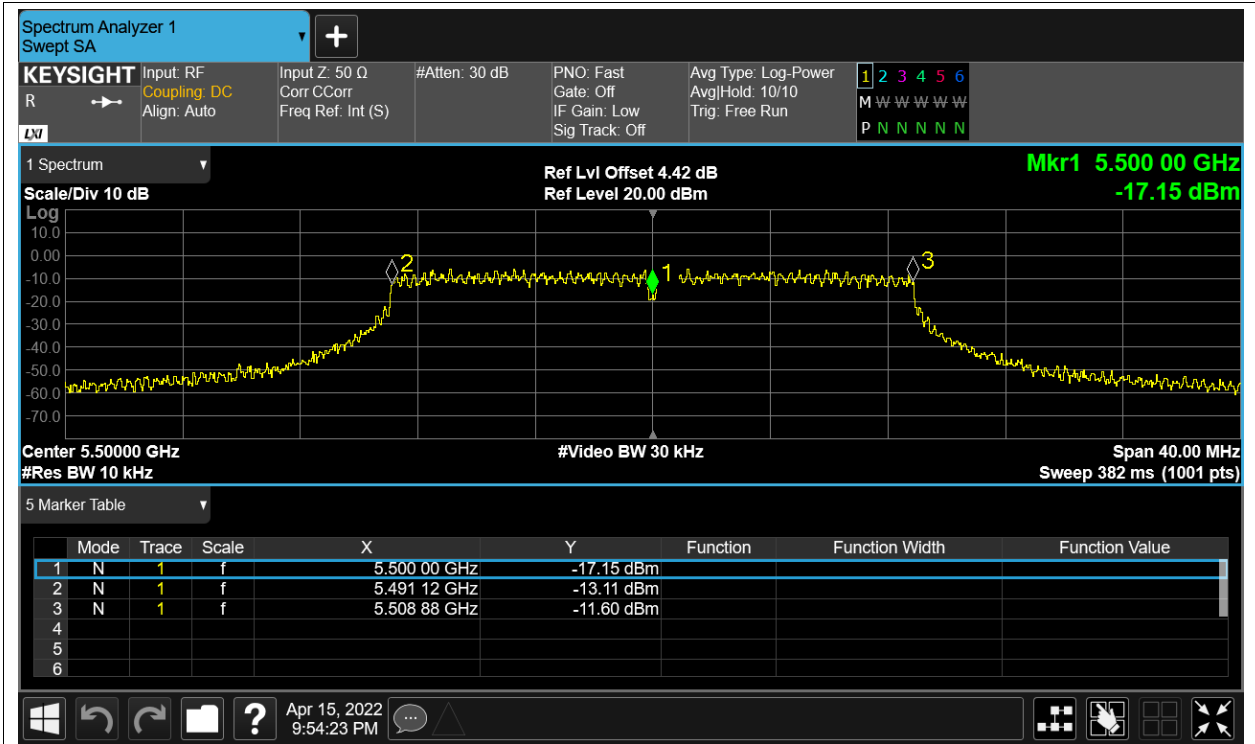
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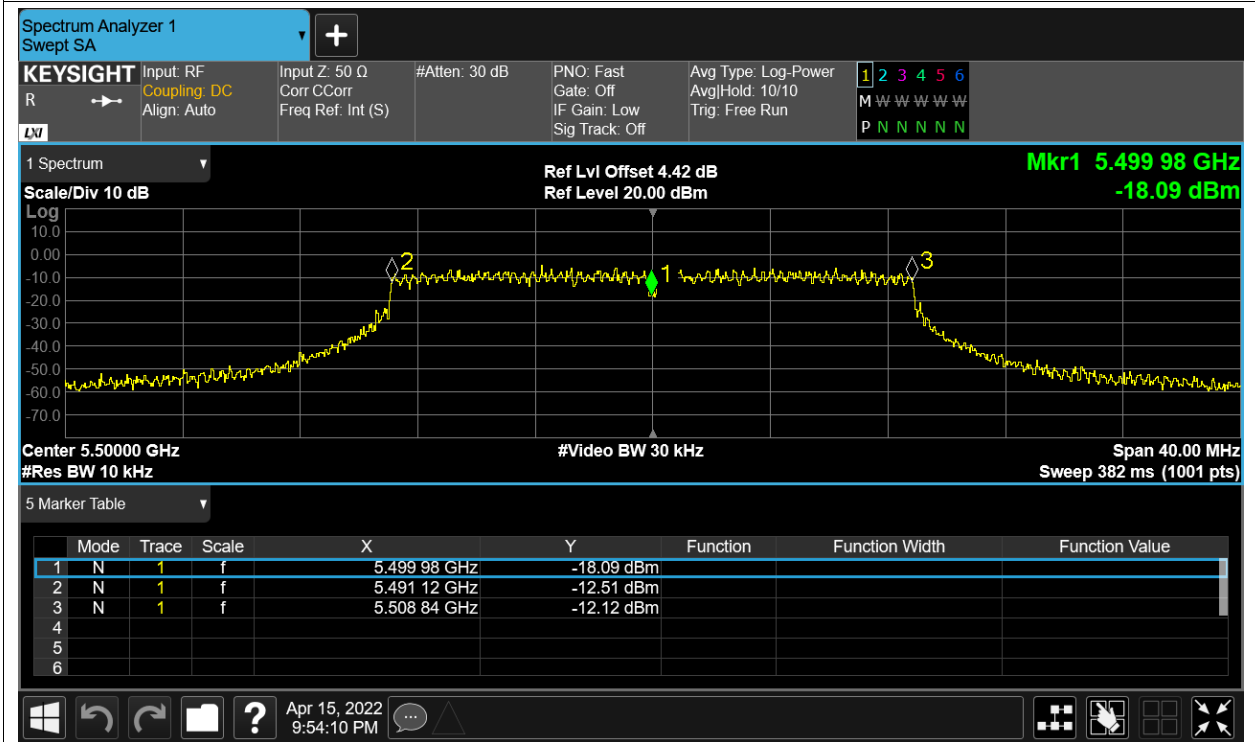
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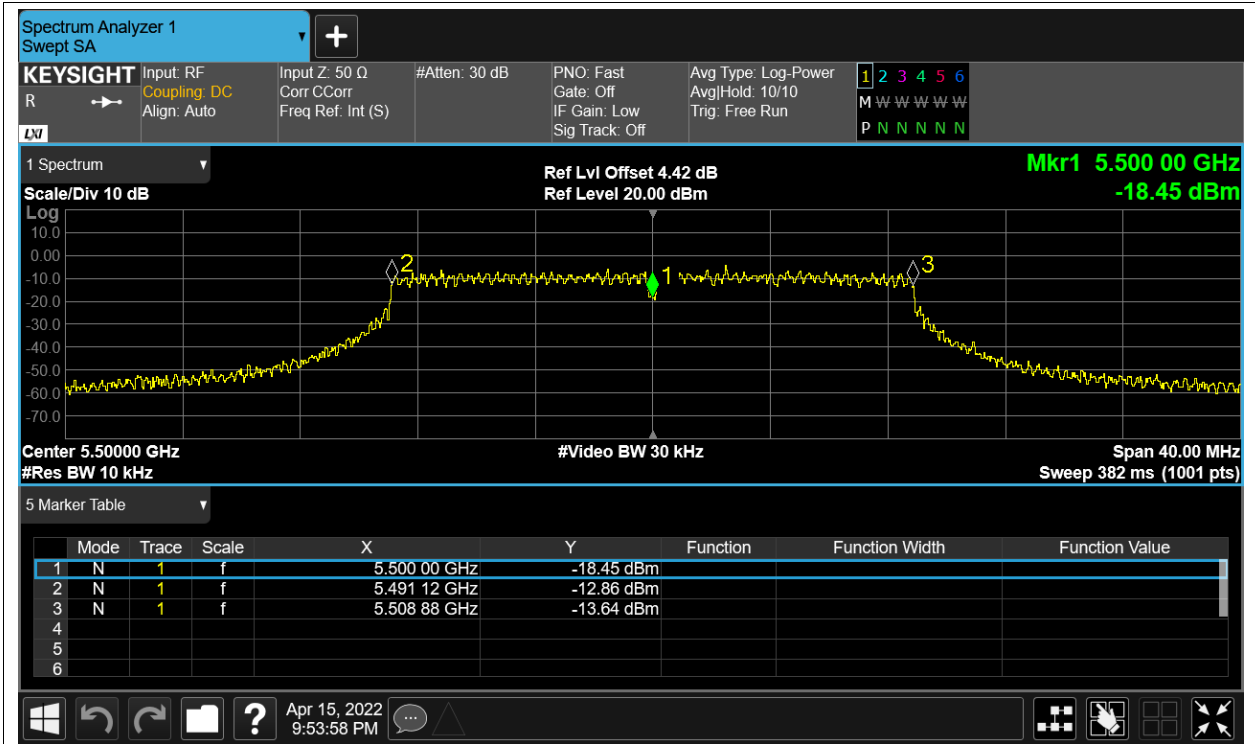
Freq. Stability HVNT n20 5500MHz Sum



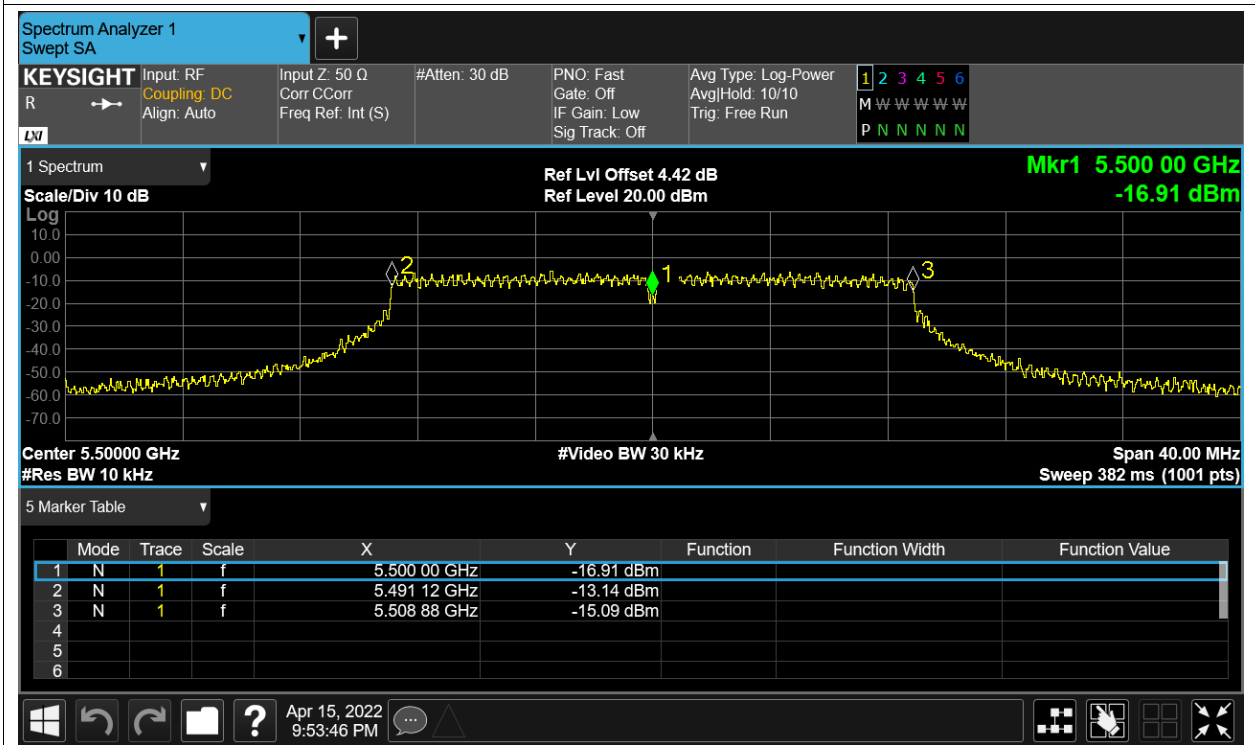
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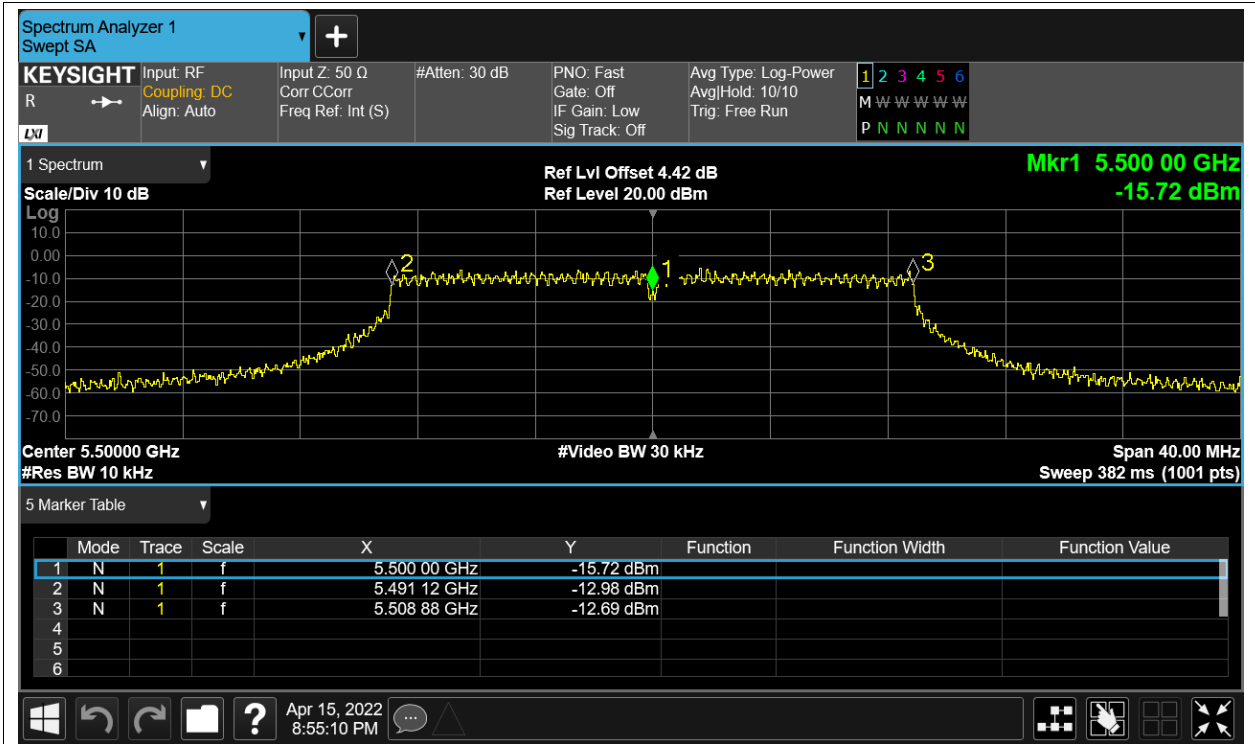
Freq. Stability NVHT n20 5500MHz Sum



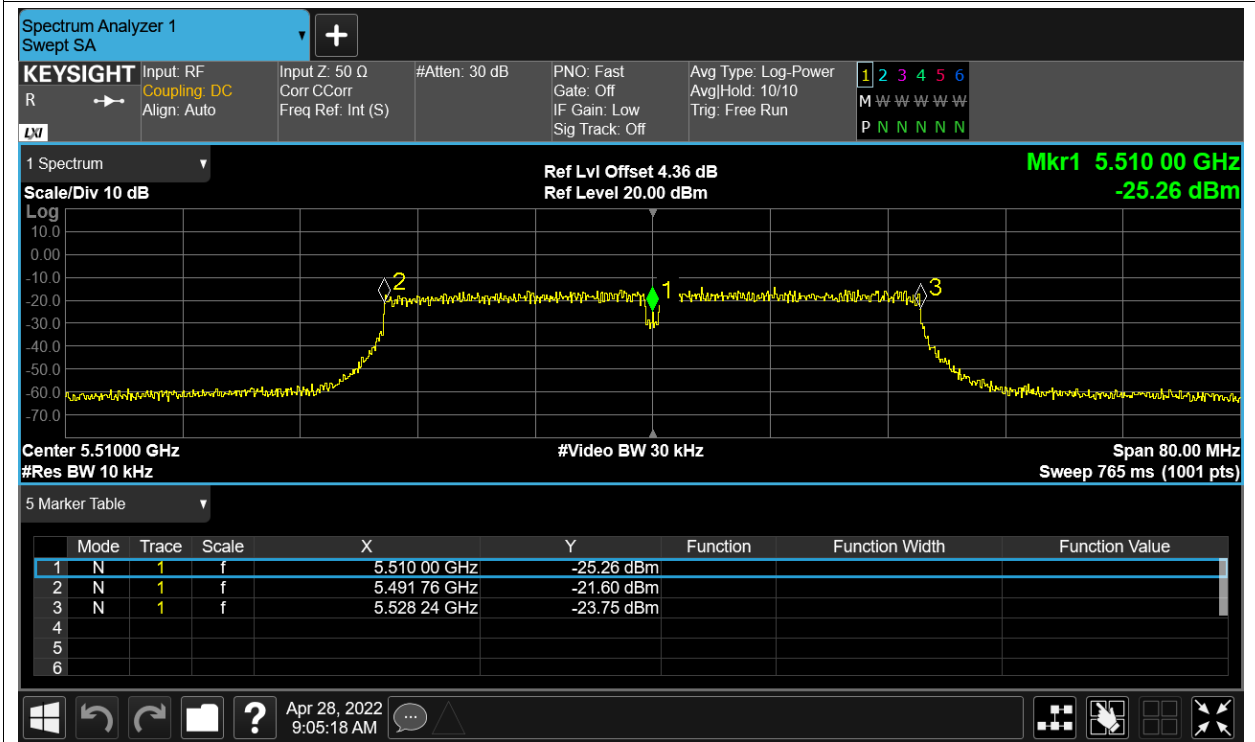
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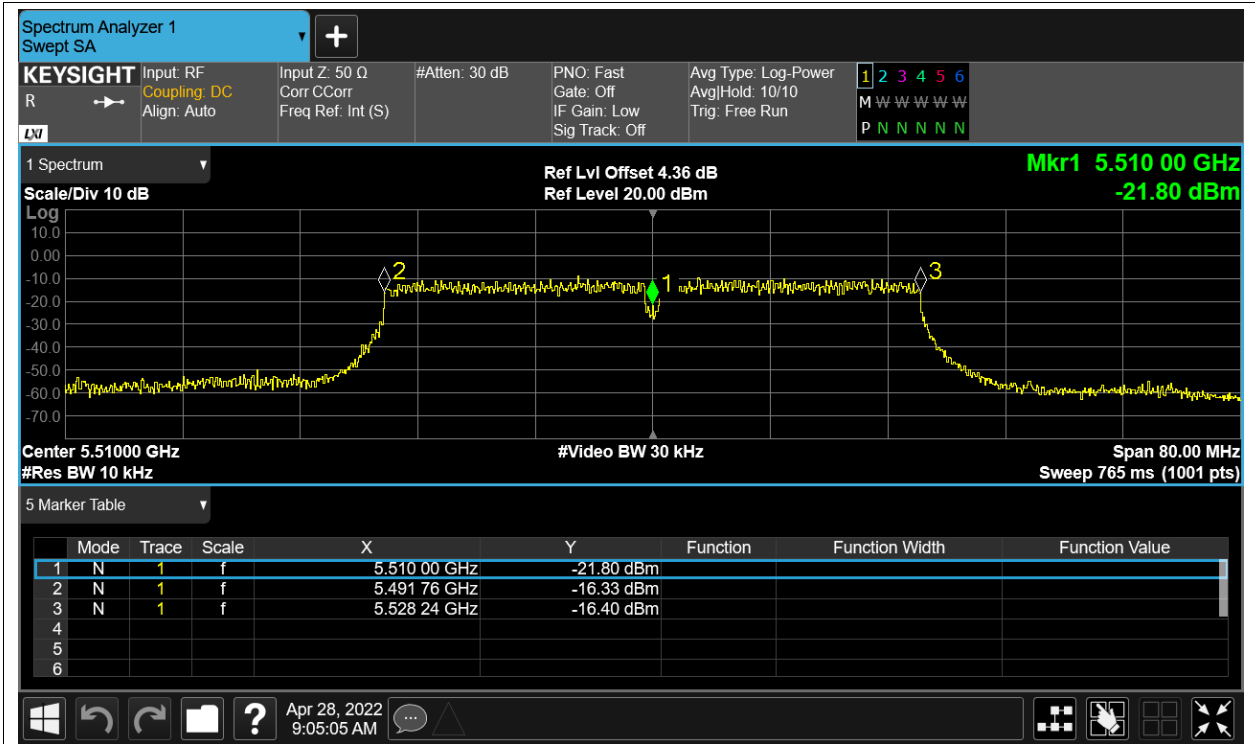
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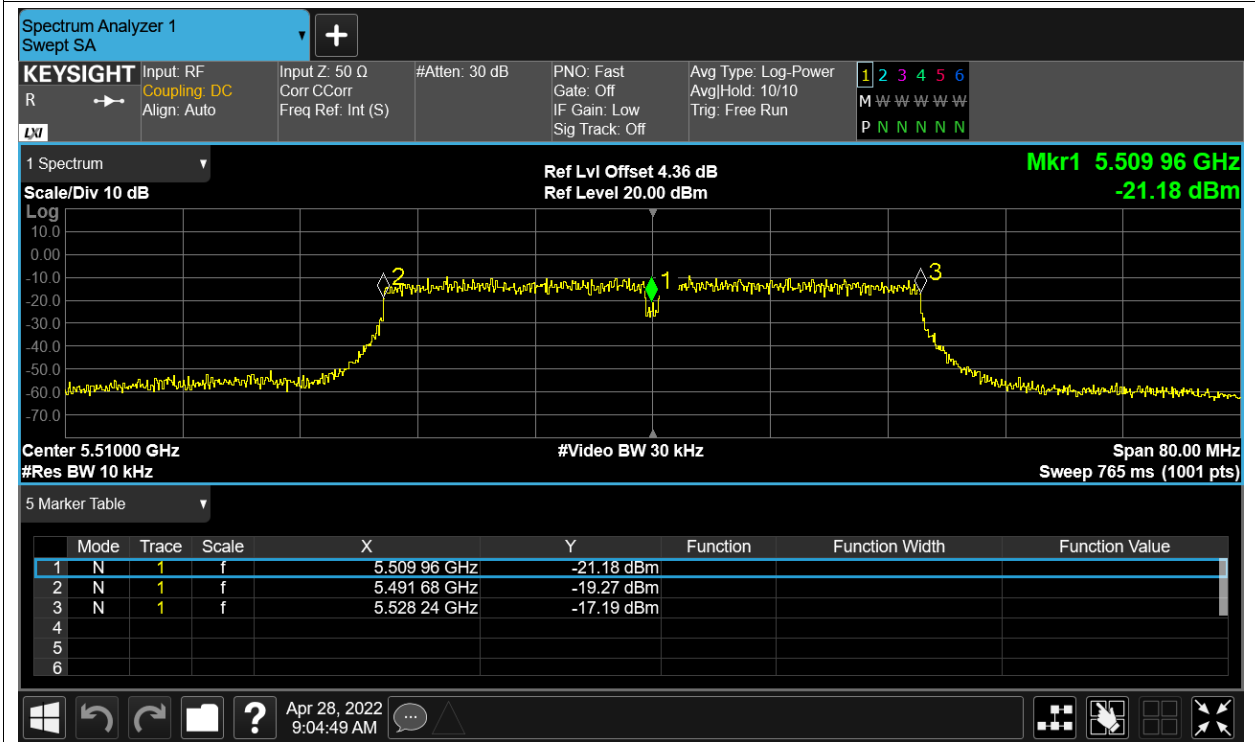
Freq. Stability HVNT n40 5510MHz Sum



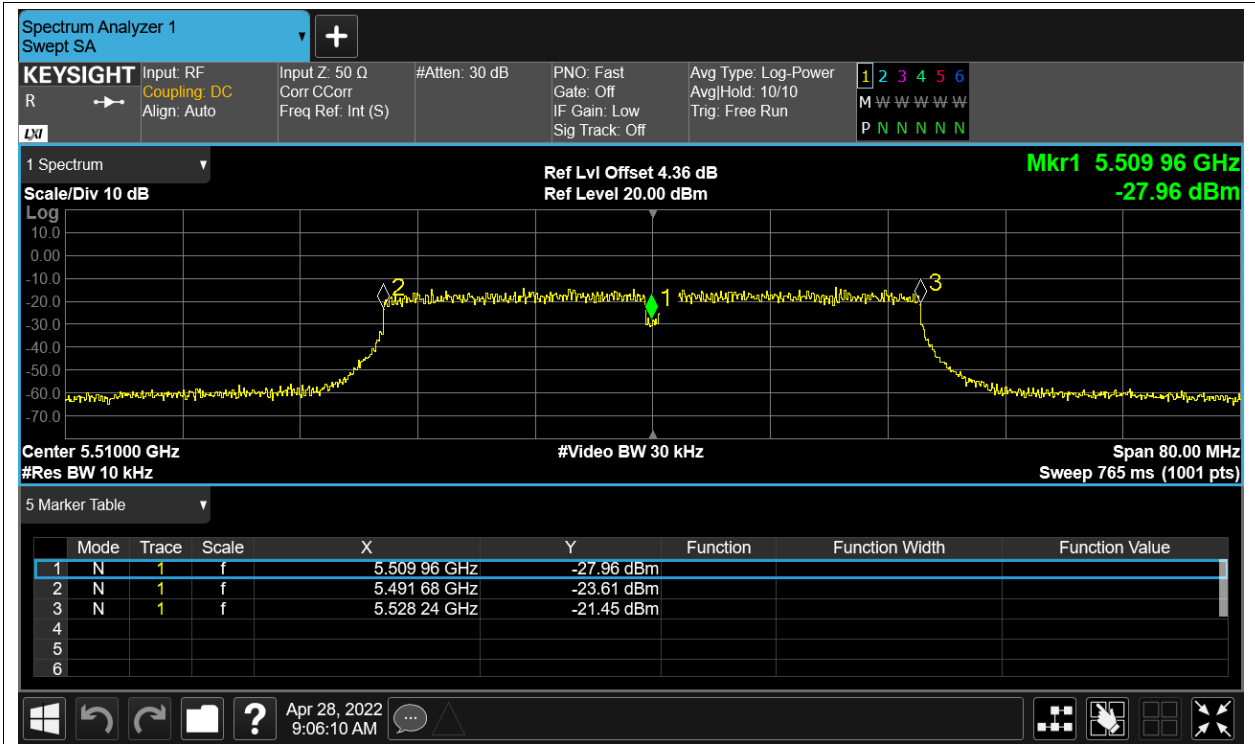
Freq. Stability LVNT n40 5510MHz Sum



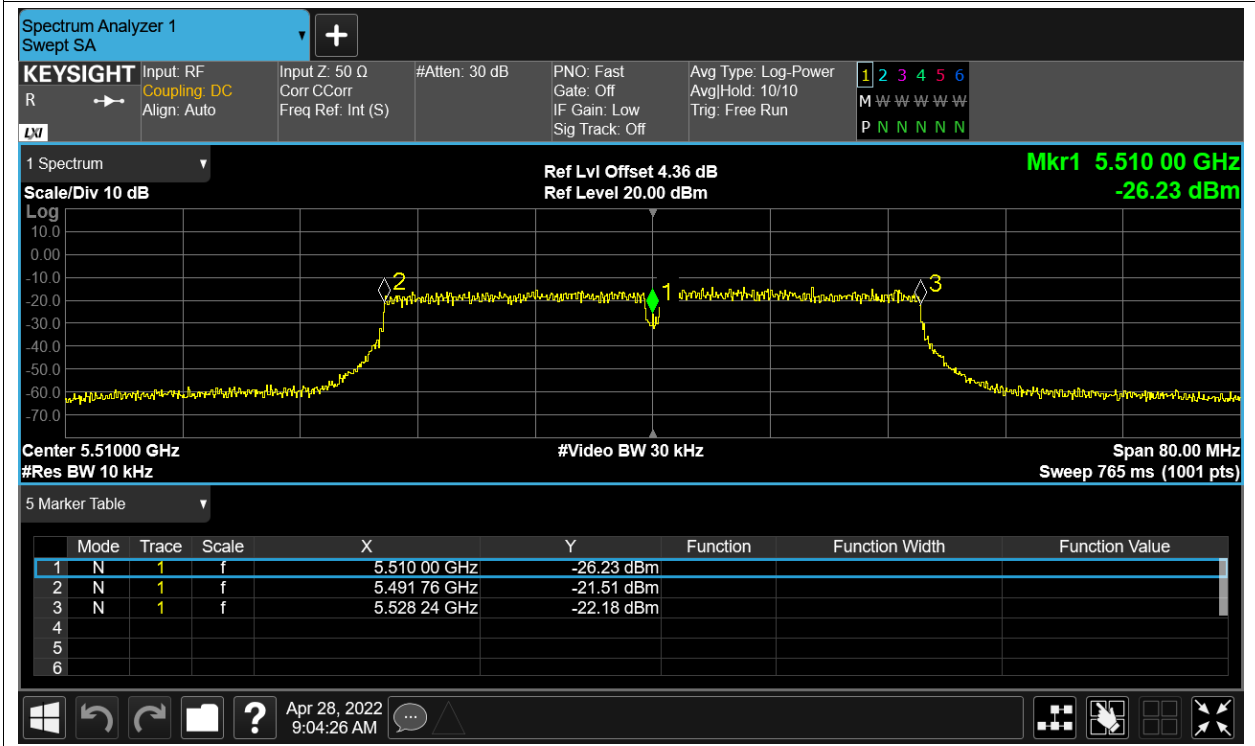
Freq. Stability NVHT n40 5510MHz Sum



Freq. Stability NVLT n40 5510MHz Sum



Freq. Stability NVNT n40 5510MHz Sum



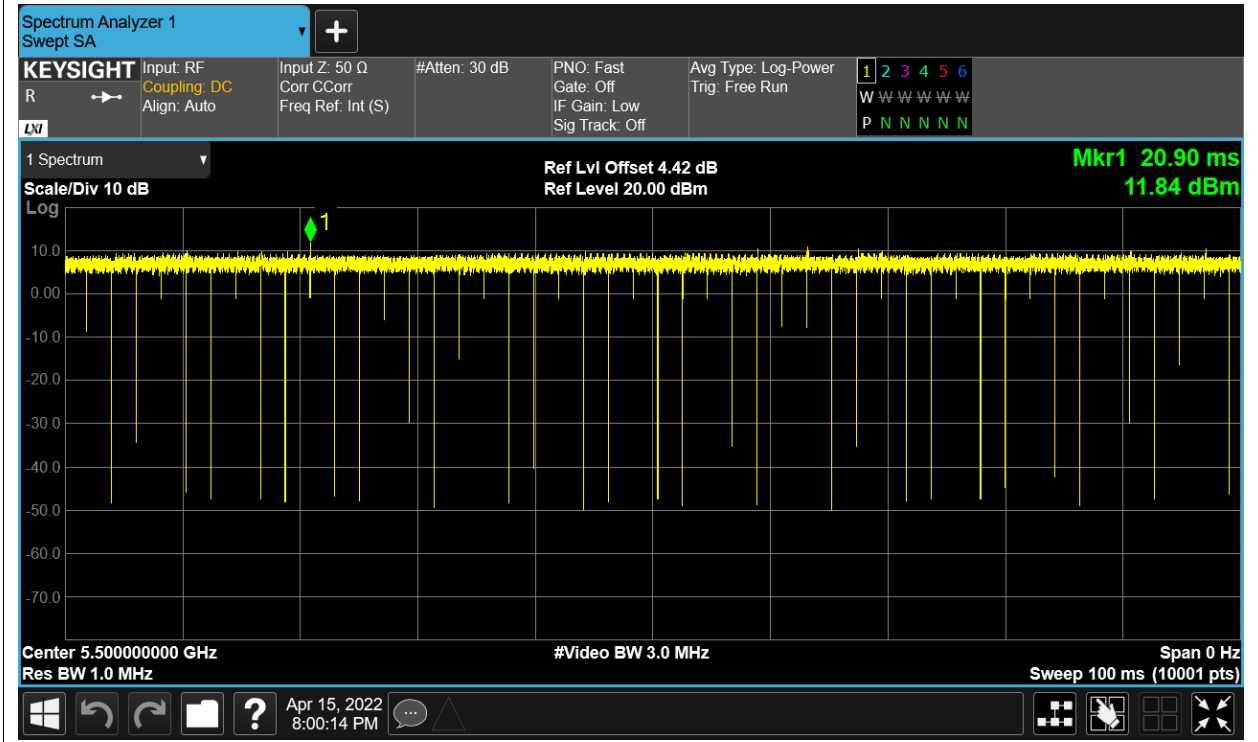


## Duty Cycle

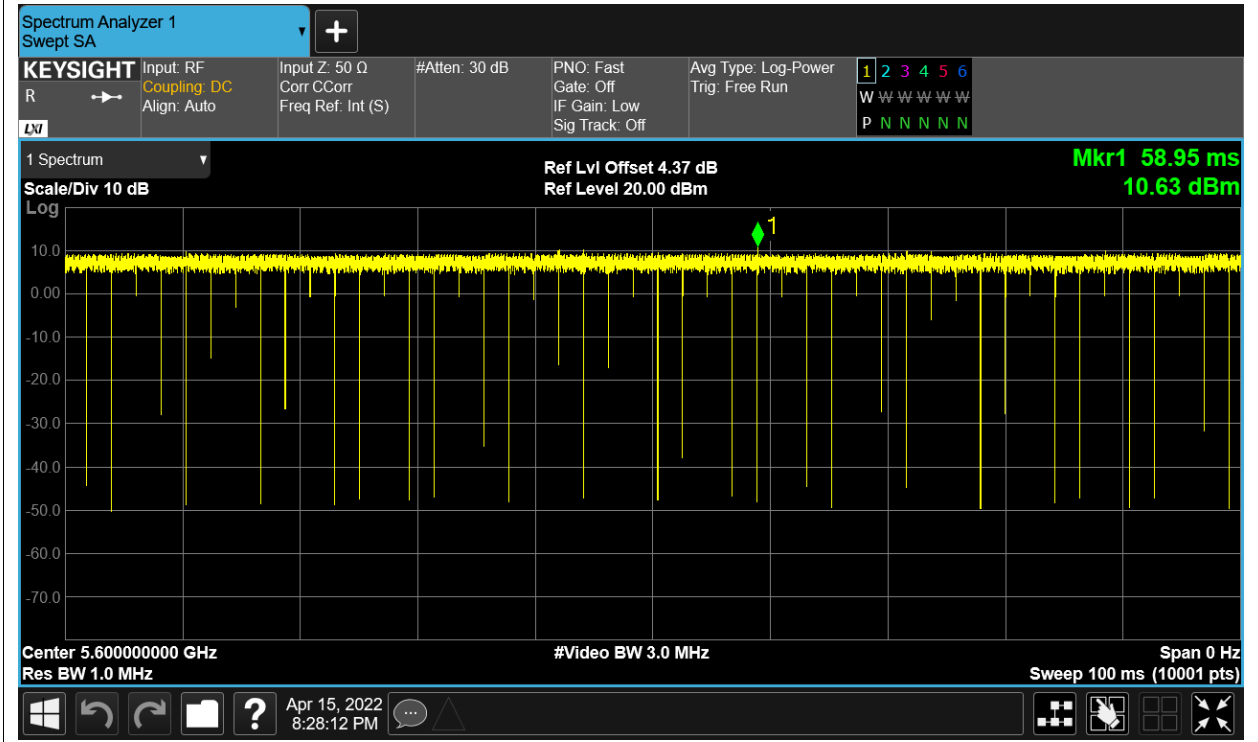
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	99.76	0.01
NVNT	a	5600	Ant1	99.78	0.01
NVNT	a	5700	Ant1	99.77	0.01
NVNT	a	5500	Ant2	99.74	0.01
NVNT	a	5600	Ant2	99.78	0.01
NVNT	a	5700	Ant2	99.75	0.01
NVNT	ac160	5570	Sum	99.9	0
NVNT	ac20	5500	Sum	99.89	0
NVNT	ac20	5600	Sum	99.91	0
NVNT	ac20	5700	Sum	99.91	0
NVNT	ac40	5510	Sum	99.91	0
NVNT	ac40	5590	Sum	99.91	0
NVNT	ac40	5670	Sum	99.9	0
NVNT	ac80	5530	Sum	99.92	0
NVNT	ac80	5610	Sum	99.92	0
NVNT	ax160	5570	Sum	99.93	0
NVNT	ax20	5500	Sum	99.9	0
NVNT	ax20	5600	Sum	99.91	0
NVNT	ax20	5700	Sum	99.9	0
NVNT	ax40	5510	Sum	99.9	0
NVNT	ax40	5590	Sum	99.92	0
NVNT	ax40	5670	Sum	99.92	0
NVNT	ax80	5530	Sum	99.94	0
NVNT	ax80	5610	Sum	99.93	0
NVNT	n20	5500	Sum	99.91	0
NVNT	n20	5600	Sum	99.91	0
NVNT	n20	5700	Sum	99.9	0
NVNT	n40	5510	Sum	99.91	0
NVNT	n40	5590	Sum	99.9	0
NVNT	n40	5670	Sum	99.92	0

Test Graphs

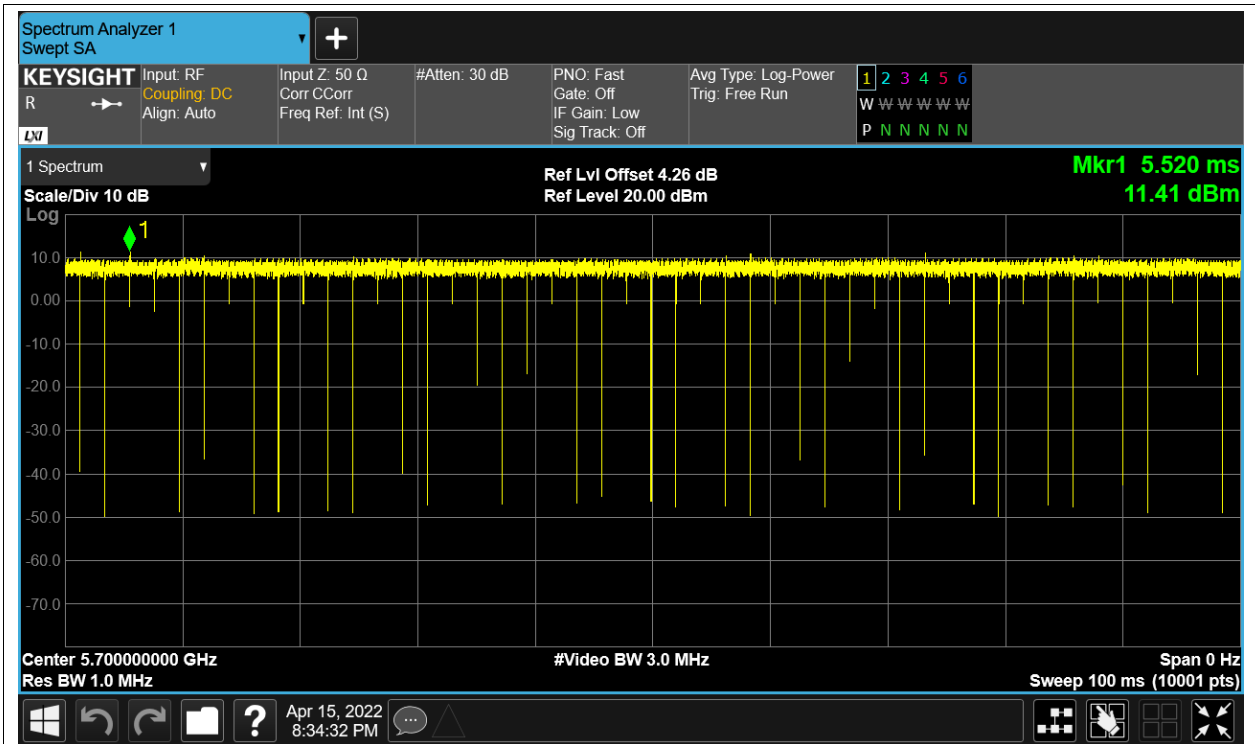
Duty Cycle NVNT a 5500MHz Ant1



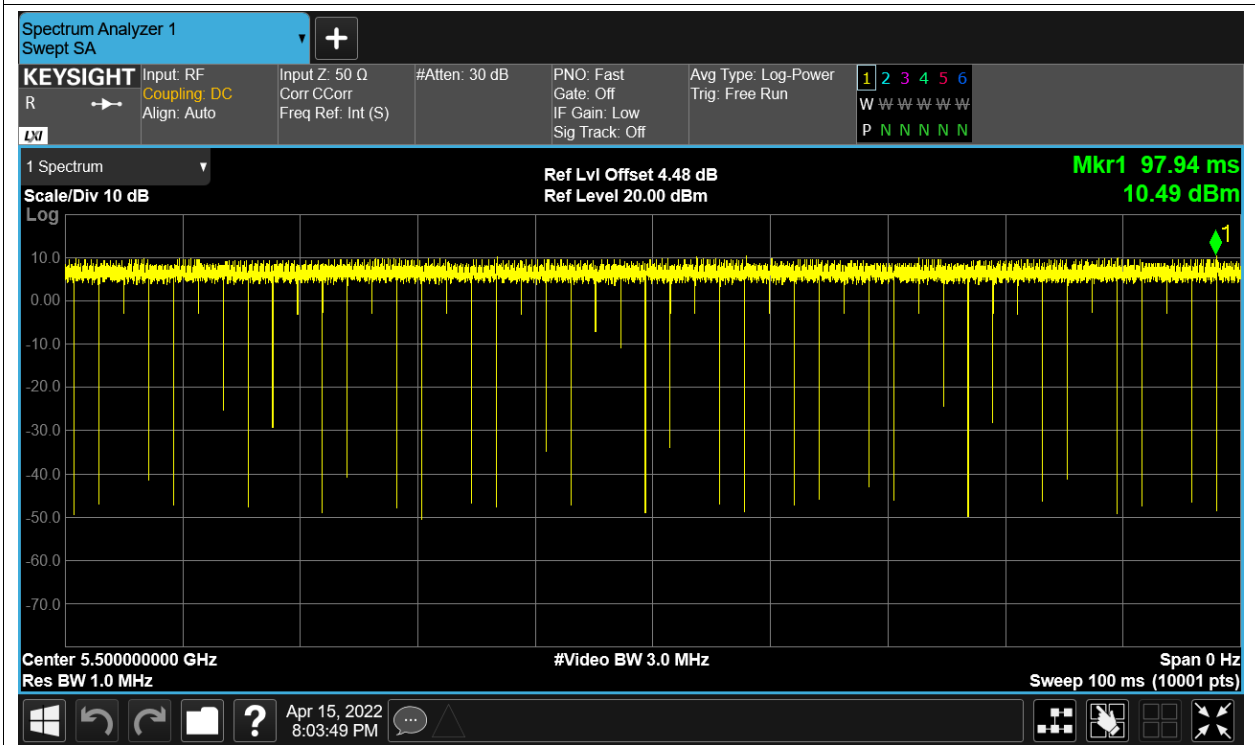
Duty Cycle NVNT a 5600MHz Ant1



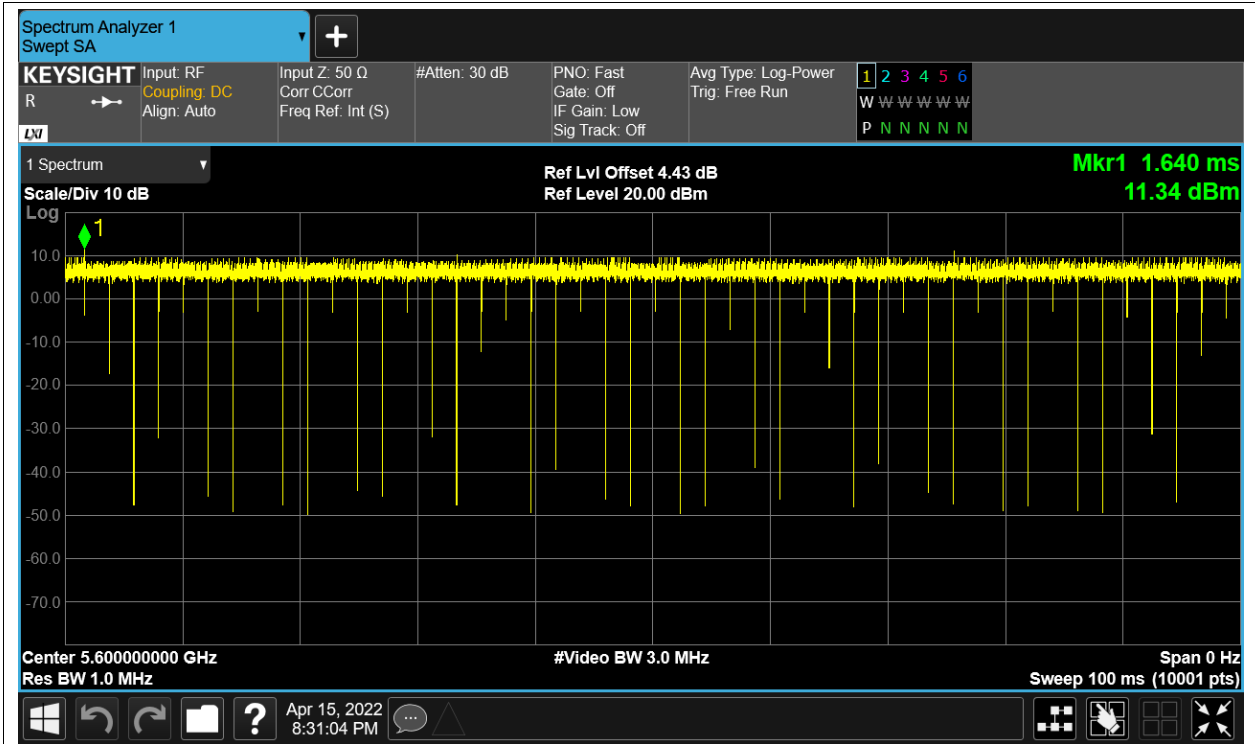
Duty Cycle NVNT a 5700MHz Ant1



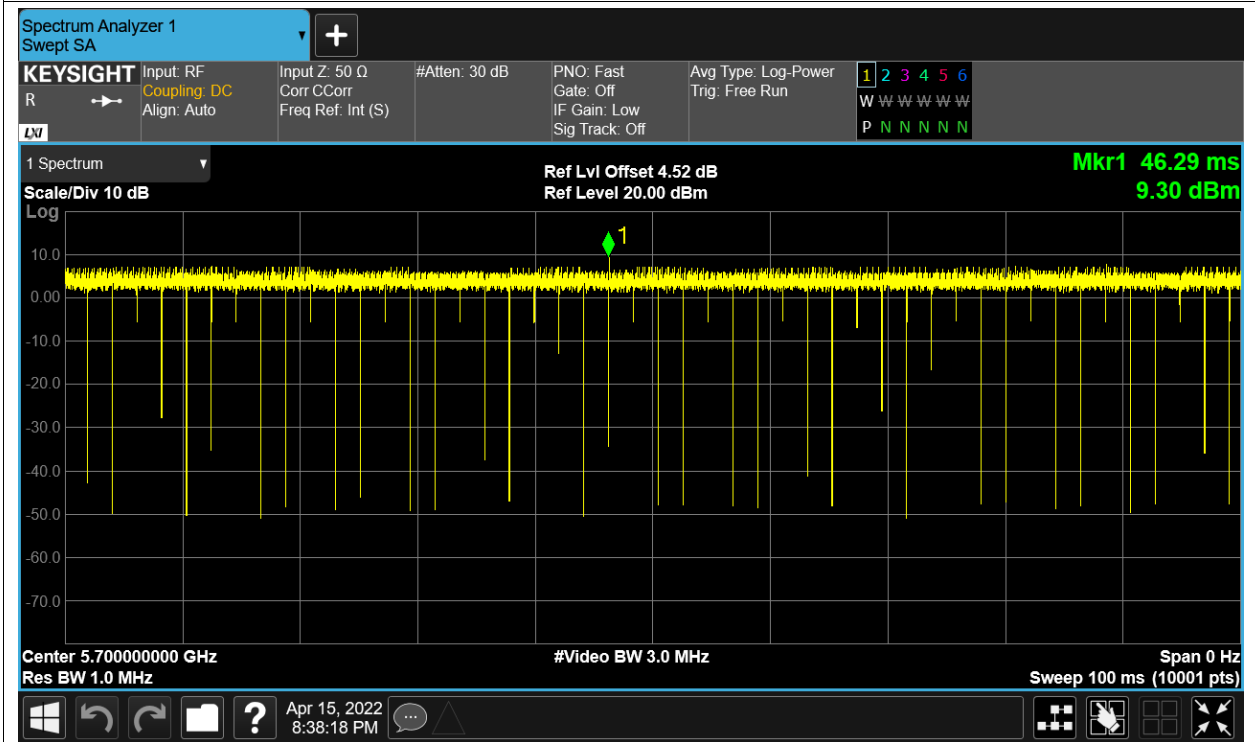
Duty Cycle NVNT a 5500MHz Ant2



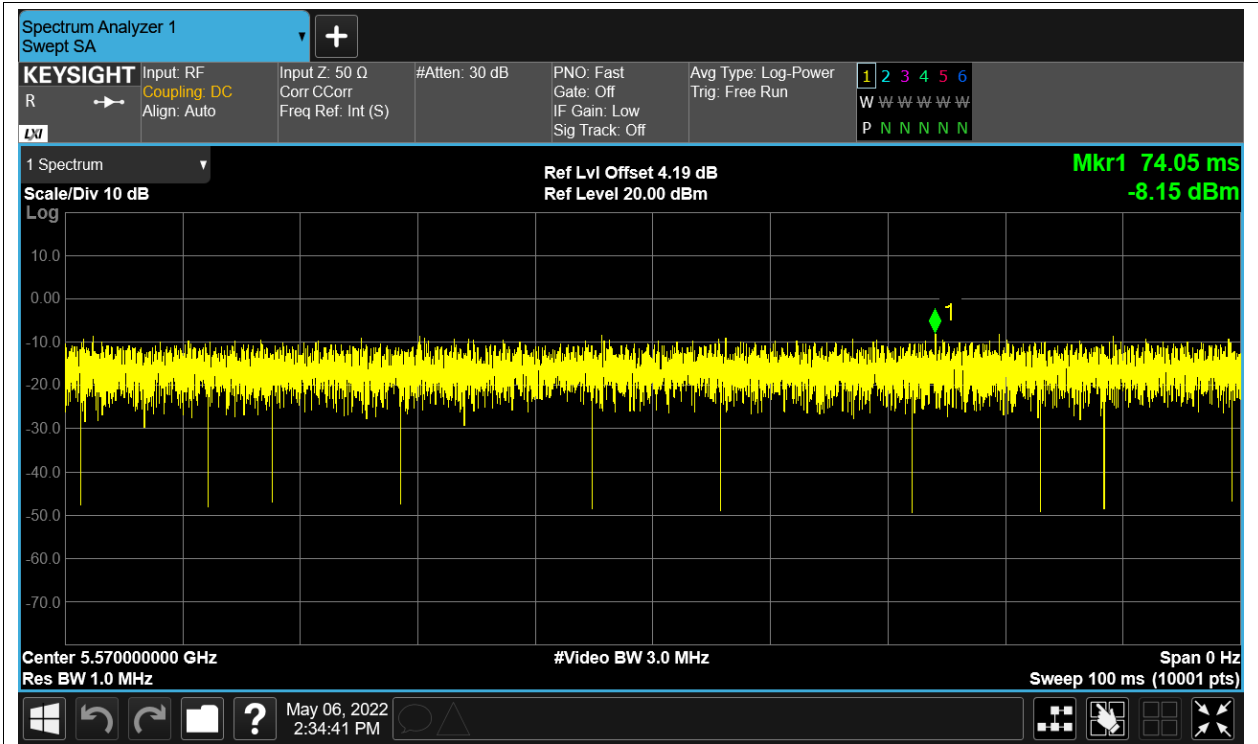
Duty Cycle NVNT a 5600MHz Ant2



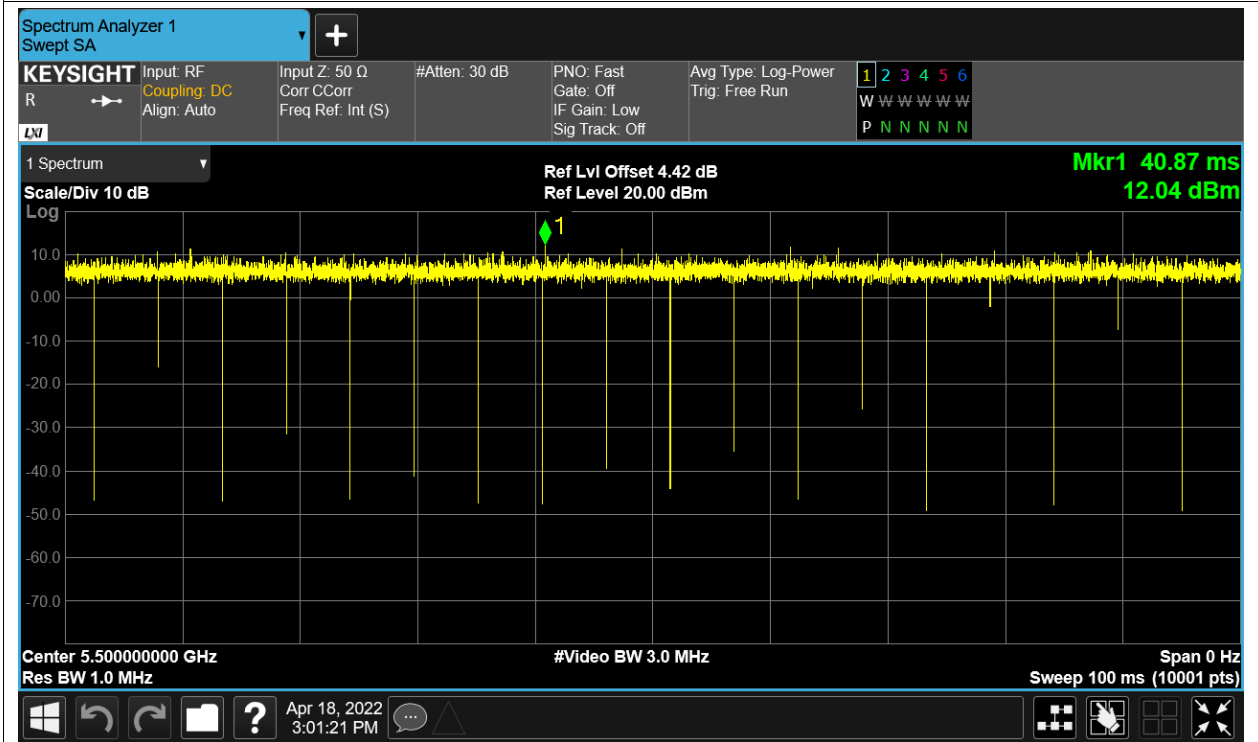
Duty Cycle NVNT a 5700MHz Ant2



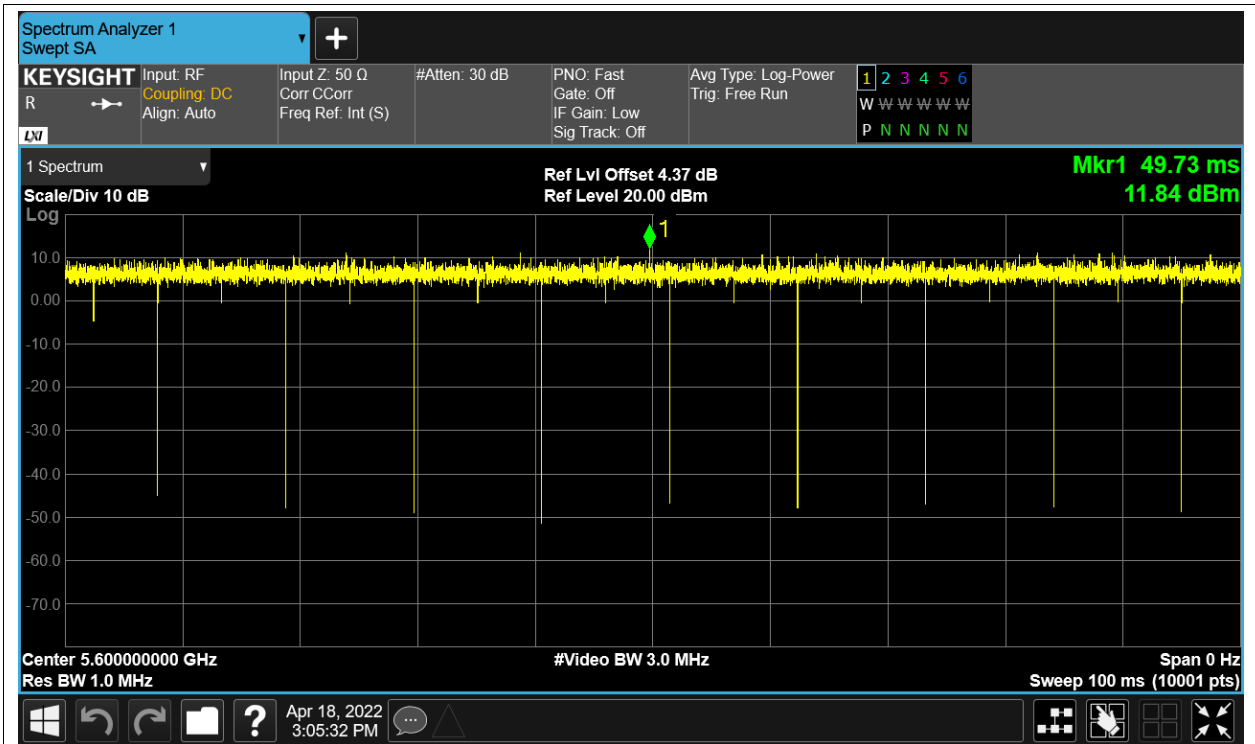
Duty Cycle NVNT ac160 5570MHz Sum



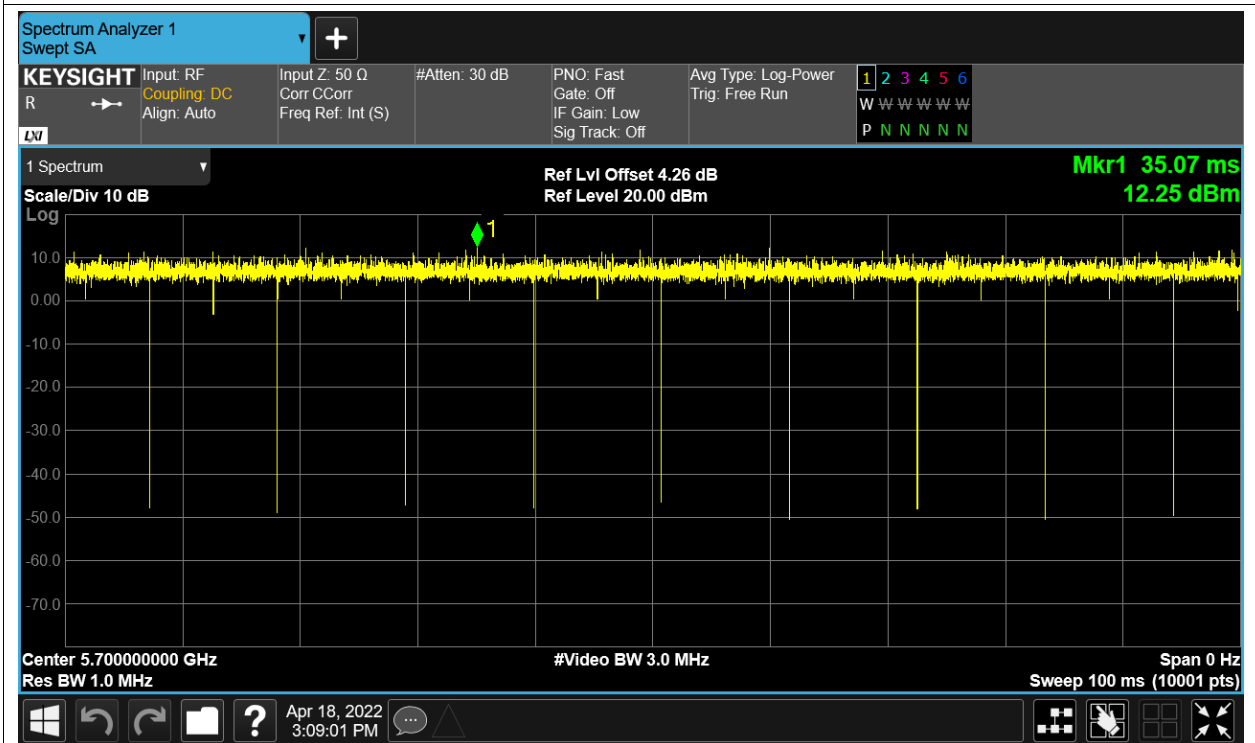
Duty Cycle NVNT ac20 5500MHz Sum



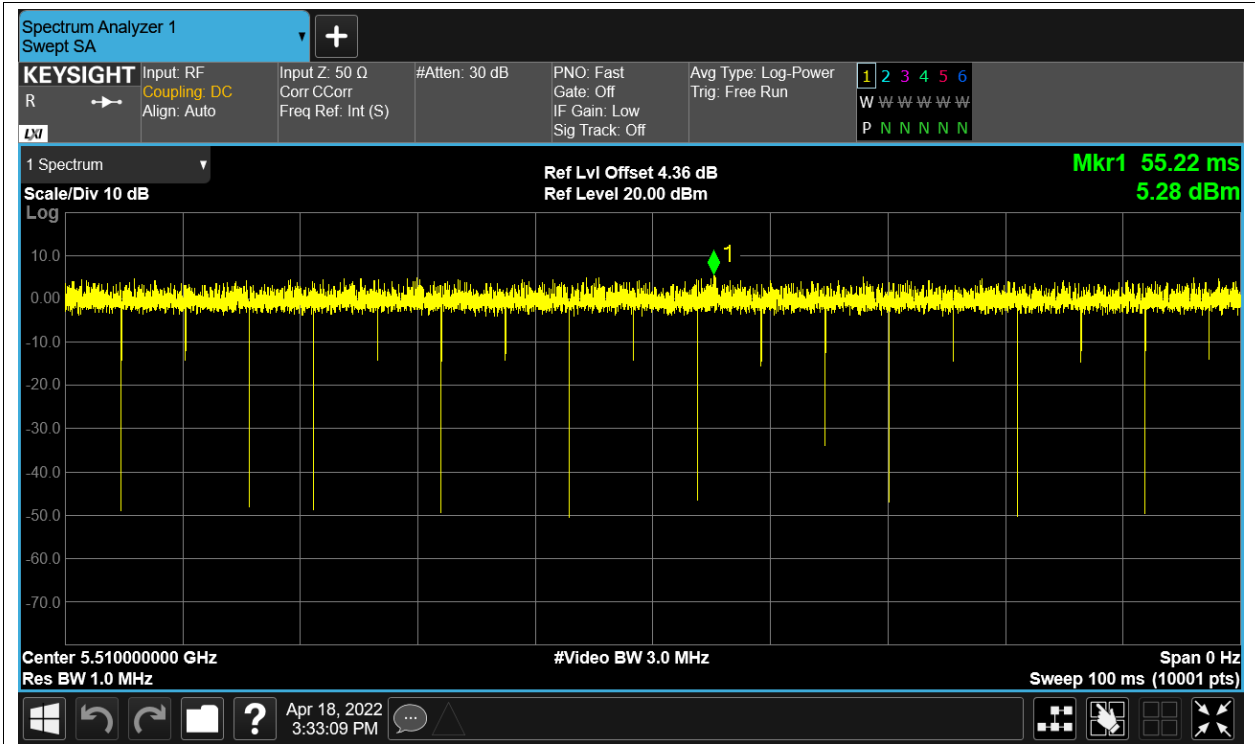
Duty Cycle NVNT ac20 5600MHz Sum



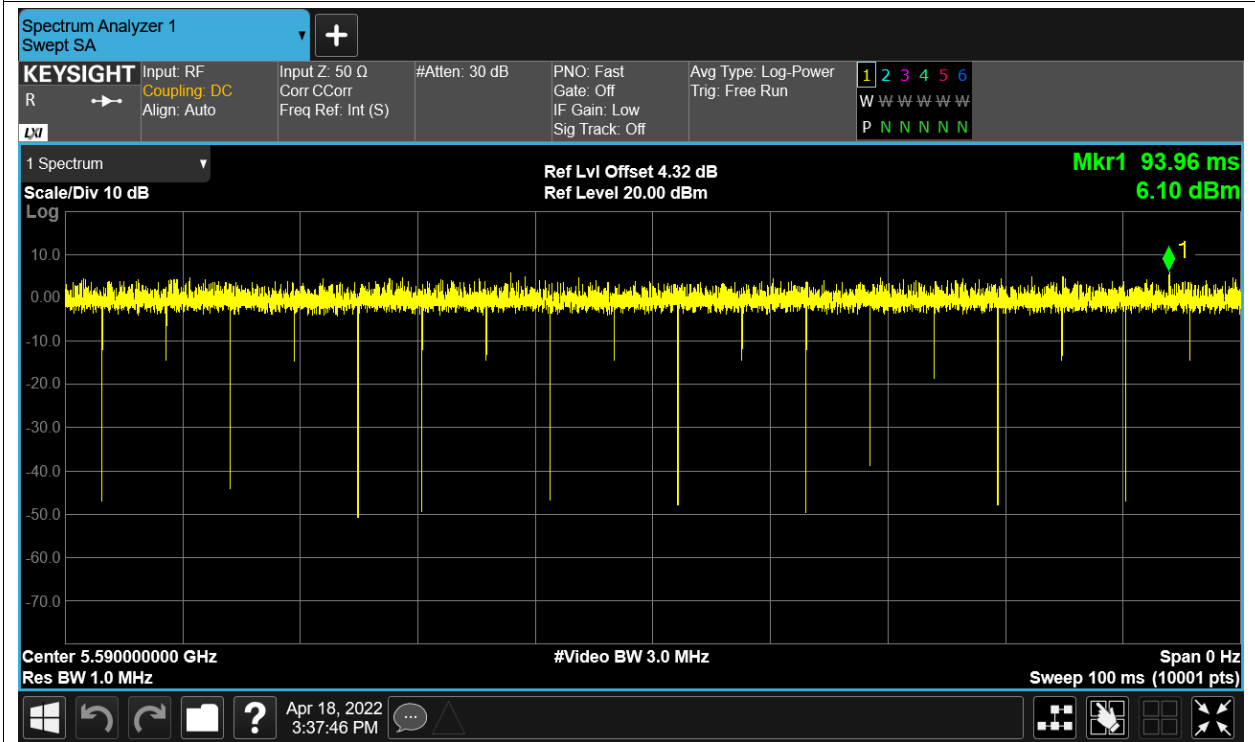
Duty Cycle NVNT ac20 5700MHz Sum



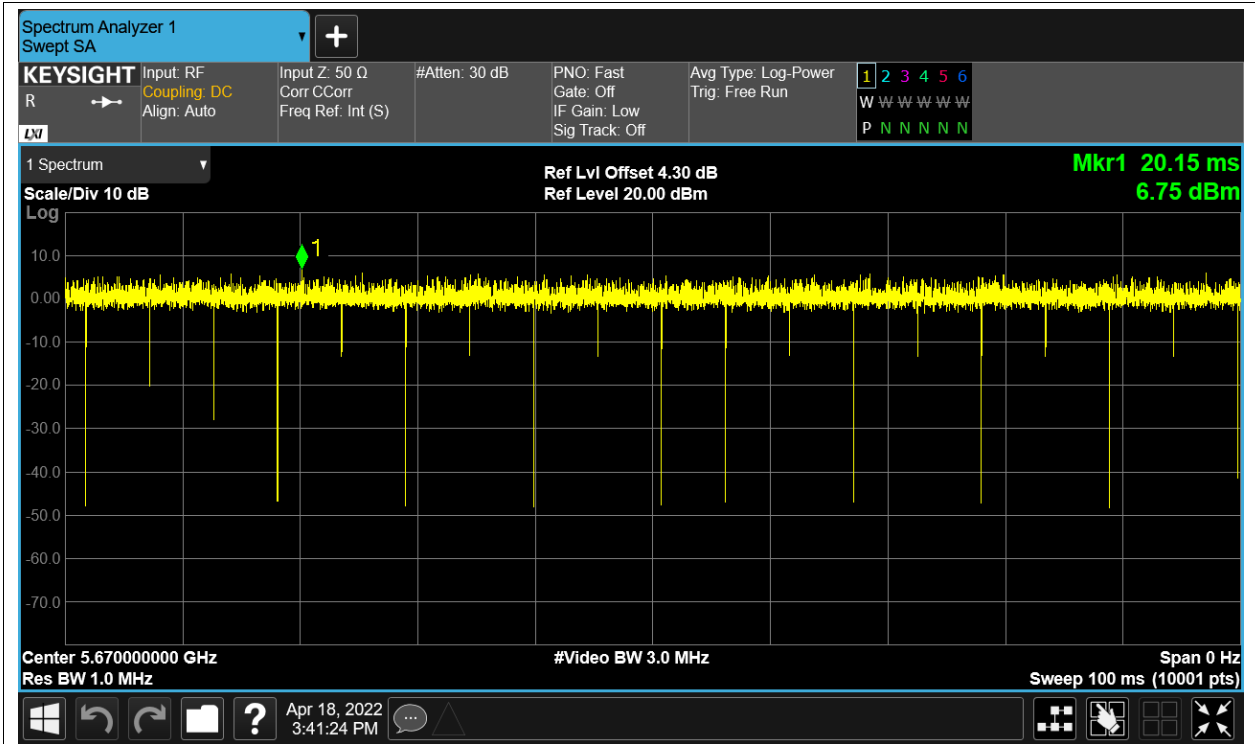
Duty Cycle NVNT ac40 5510MHz Sum



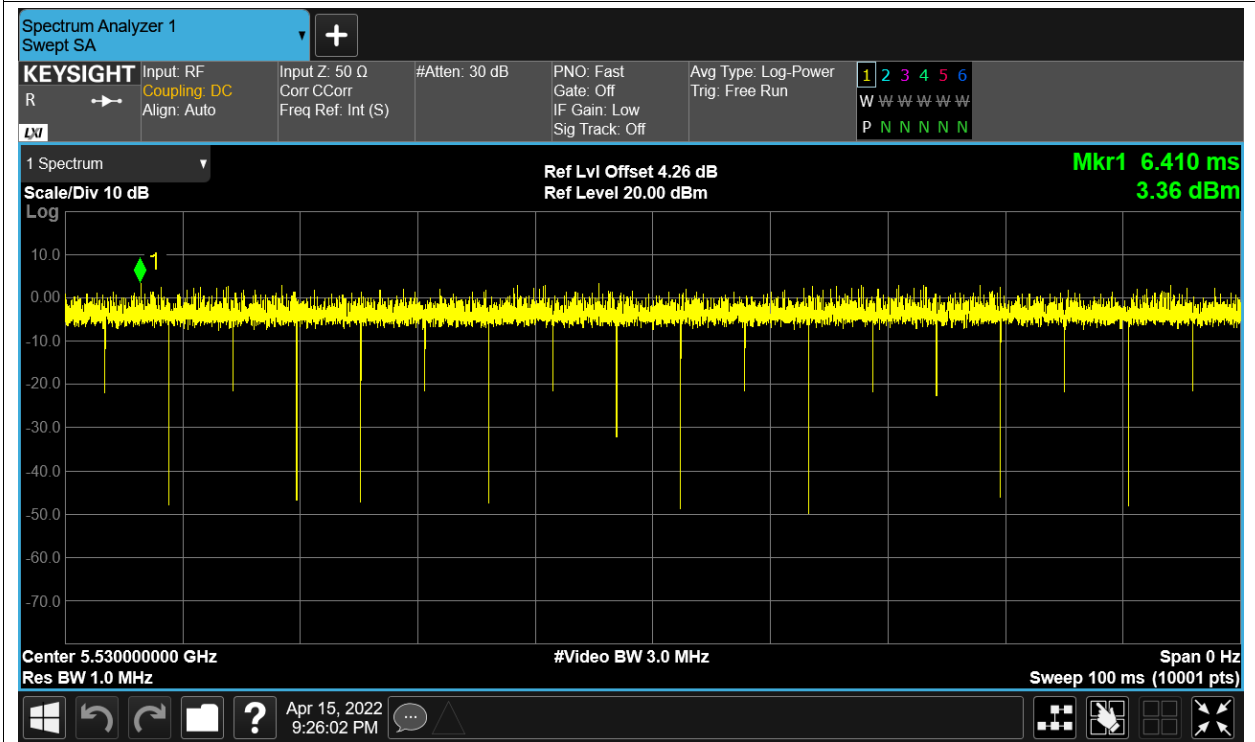
Duty Cycle NVNT ac40 5590MHz Sum



Duty Cycle NVNT ac40 5670MHz Sum

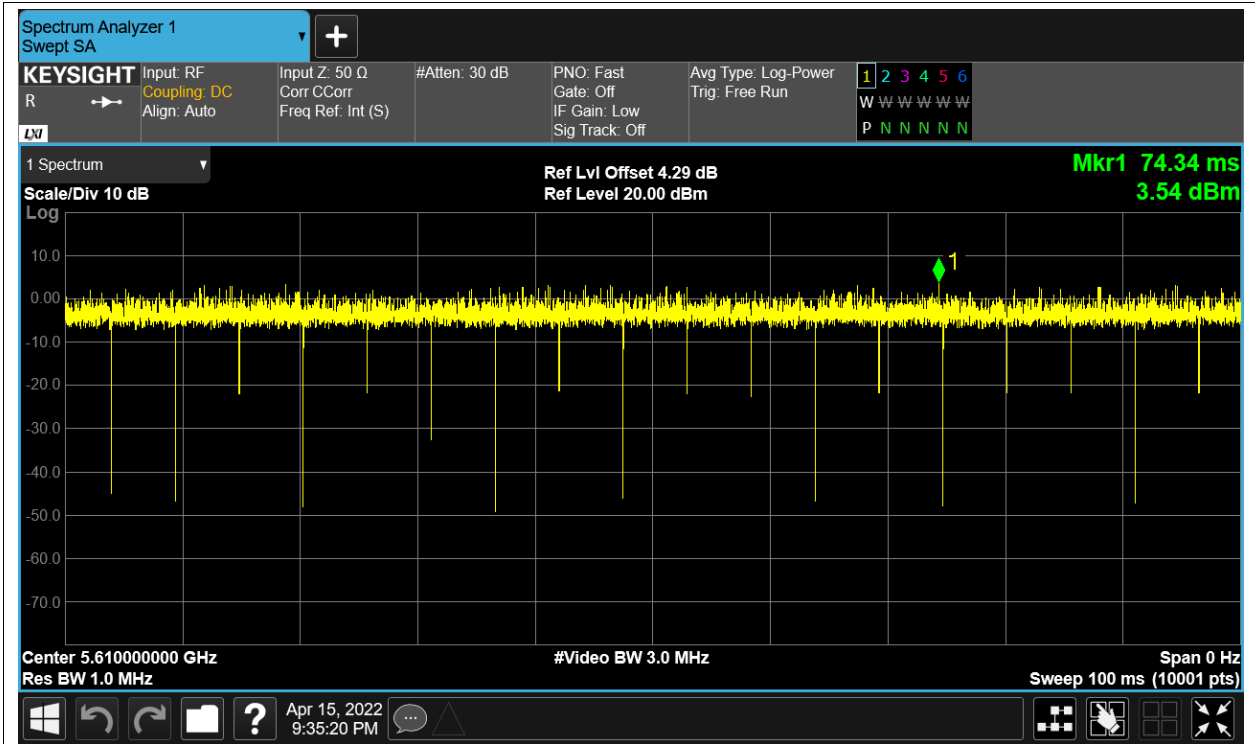


Duty Cycle NVNT ac80 5530MHz Sum

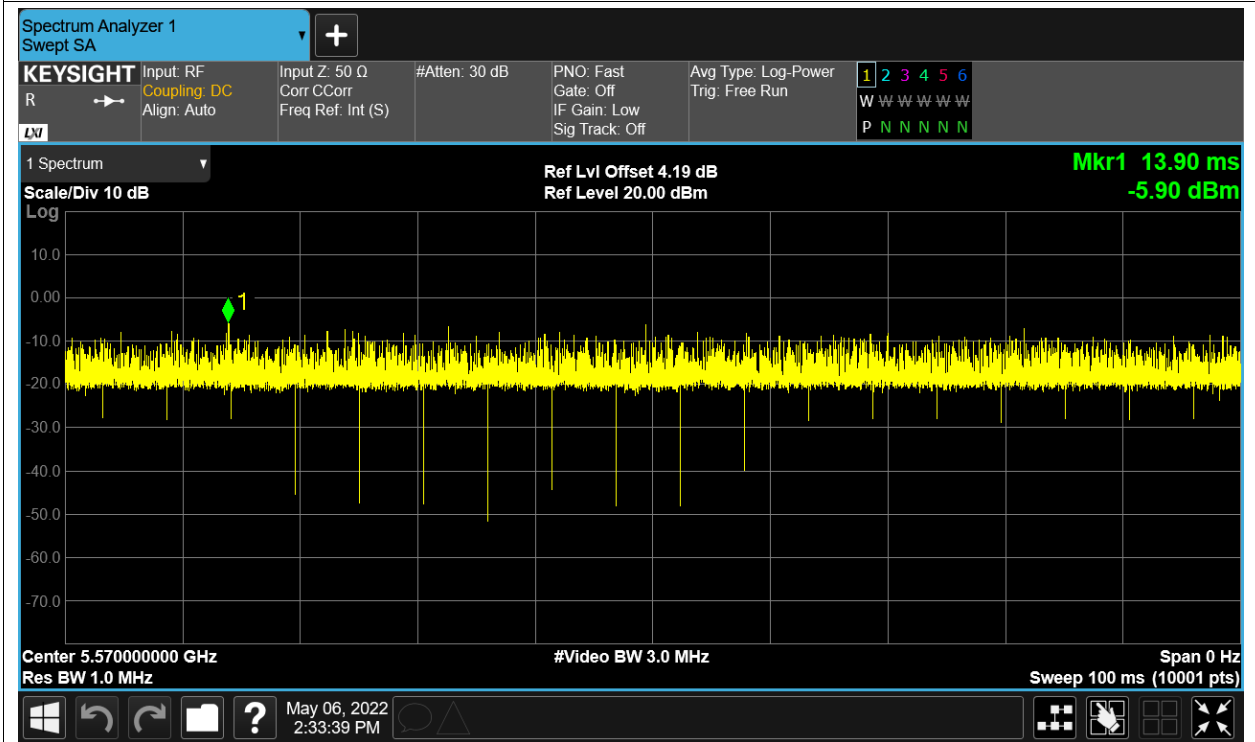


Duty Cycle NVNT ac80 5610MHz Sum

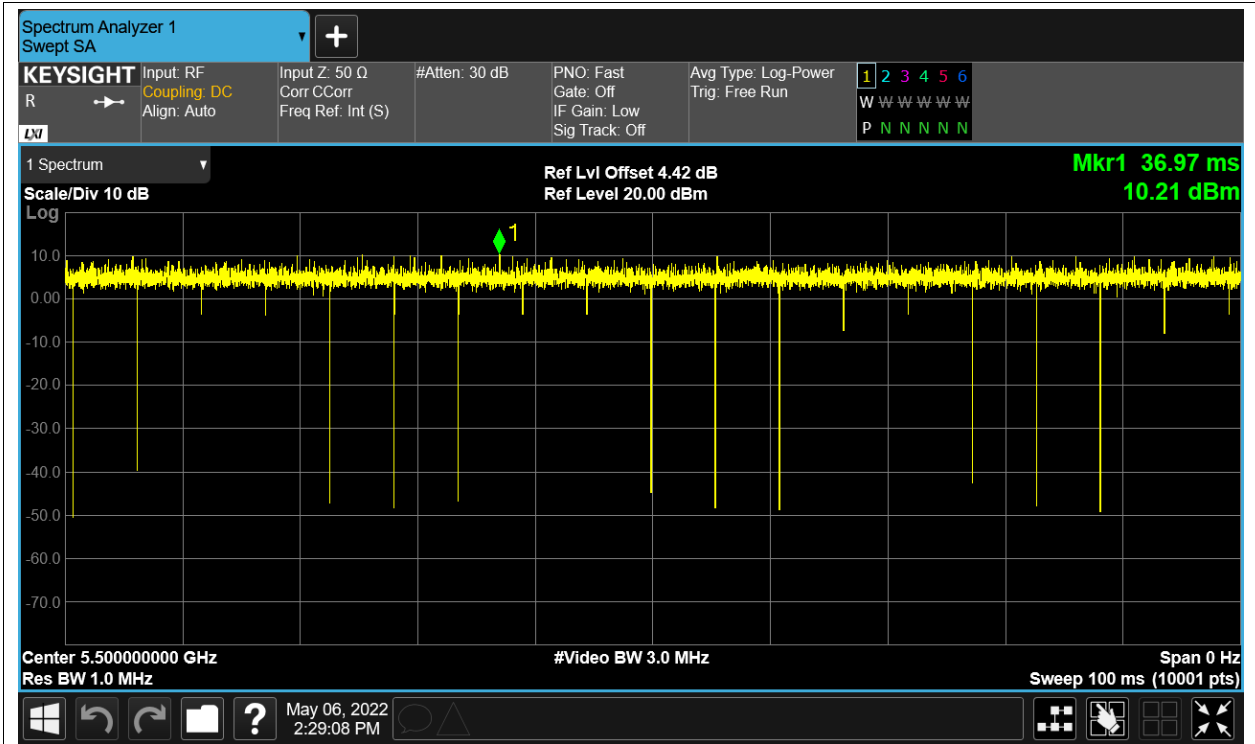




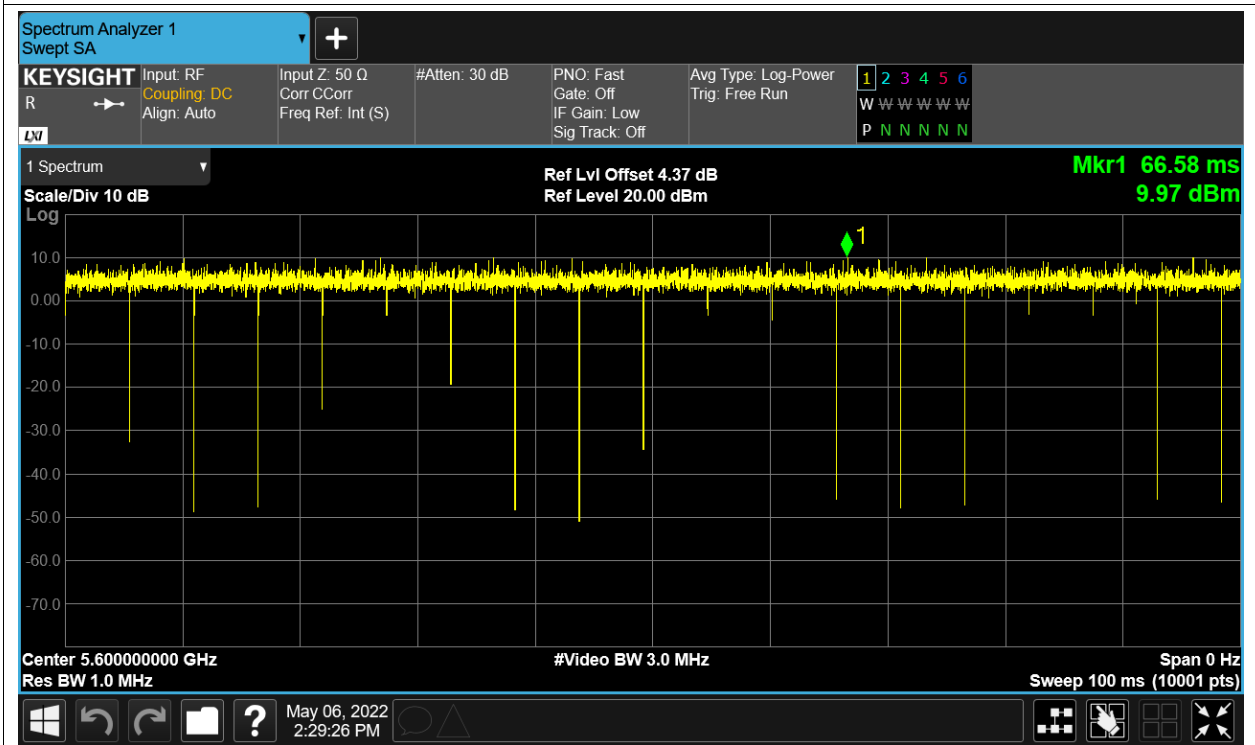
Duty Cycle NVNT ax160 5570MHz Sum



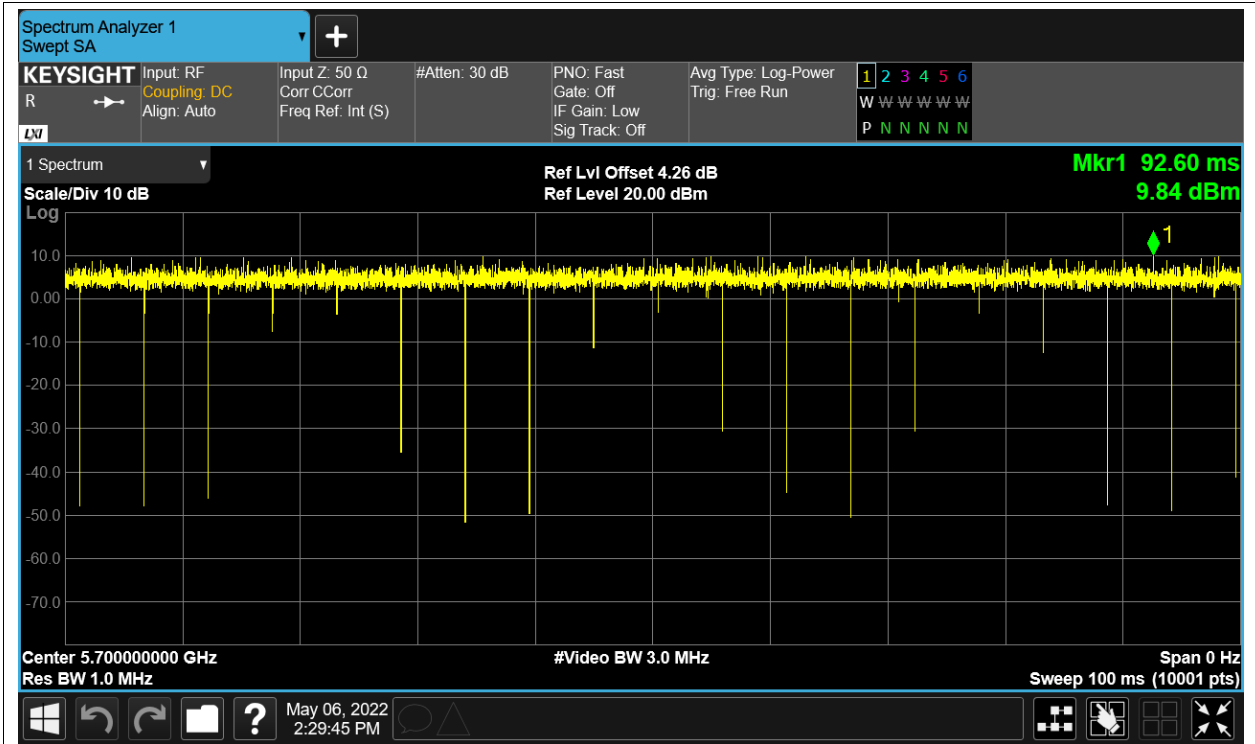
Duty Cycle NVNT ax20 5500MHz Sum



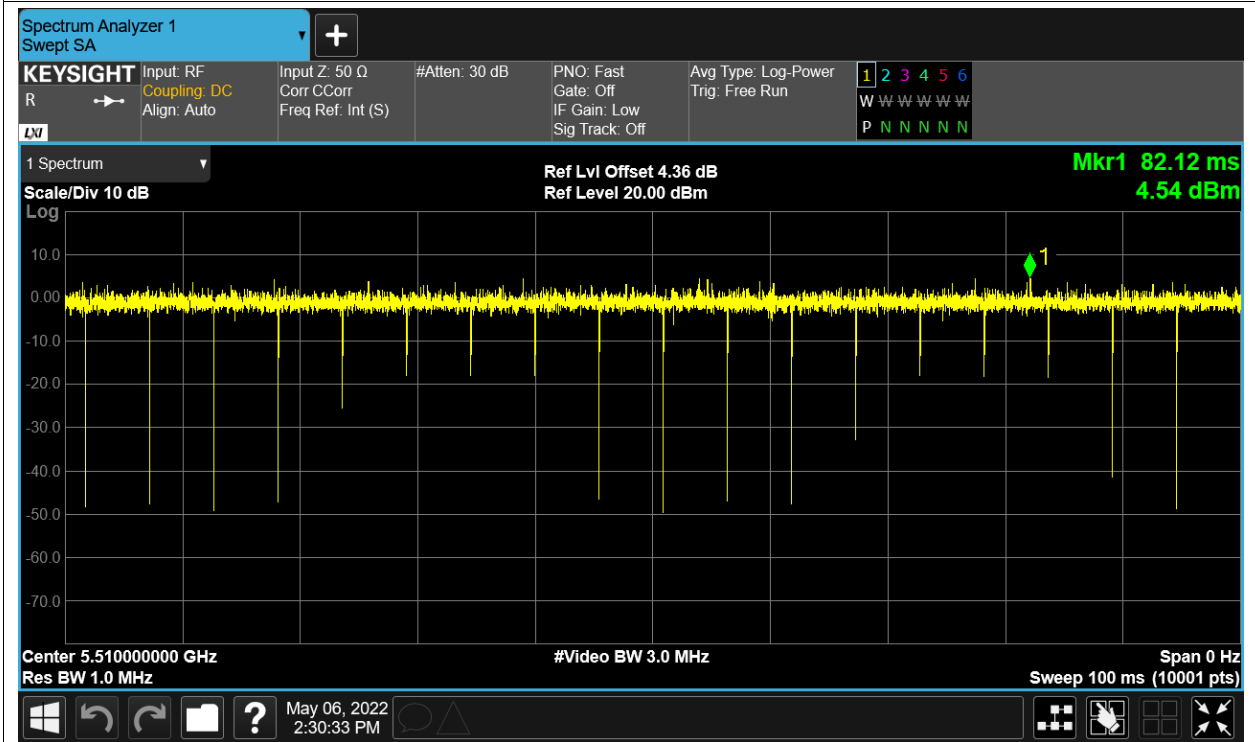
Duty Cycle NVNT ax20 5600MHz Sum



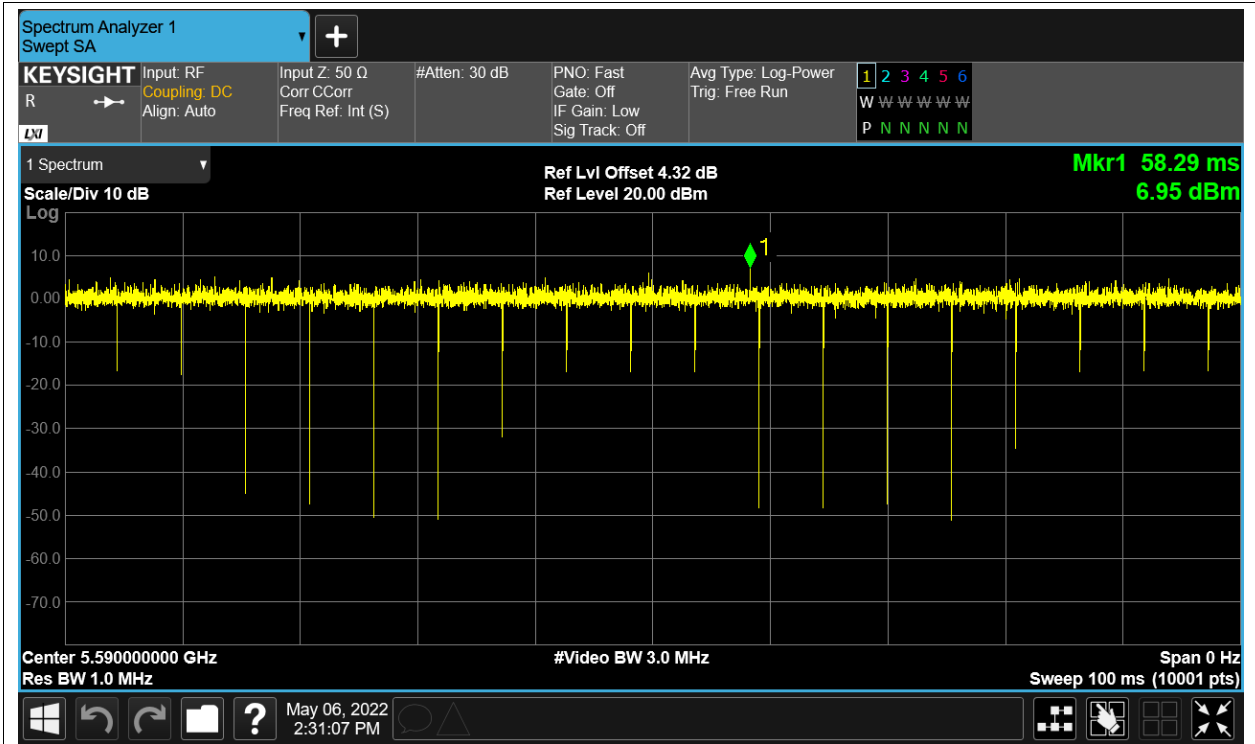
Duty Cycle NVNT ax20 5700MHz Sum



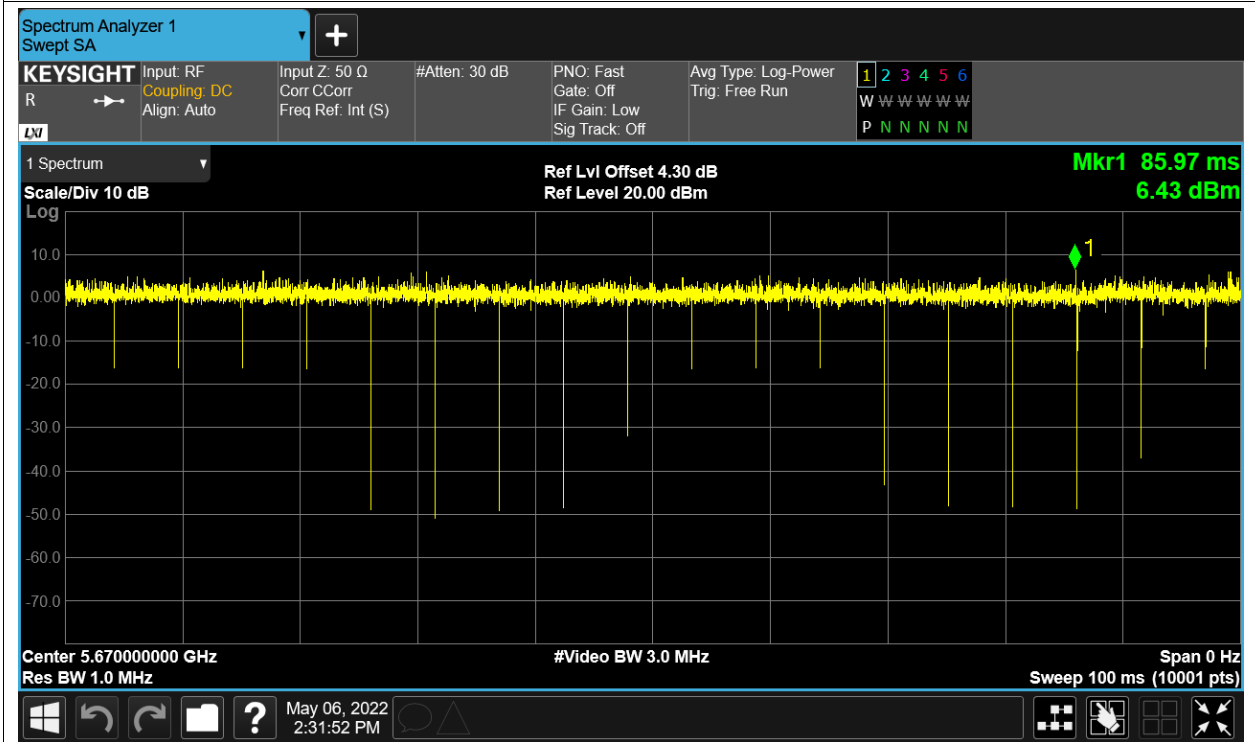
Duty Cycle NVNT ax40 5510MHz Sum



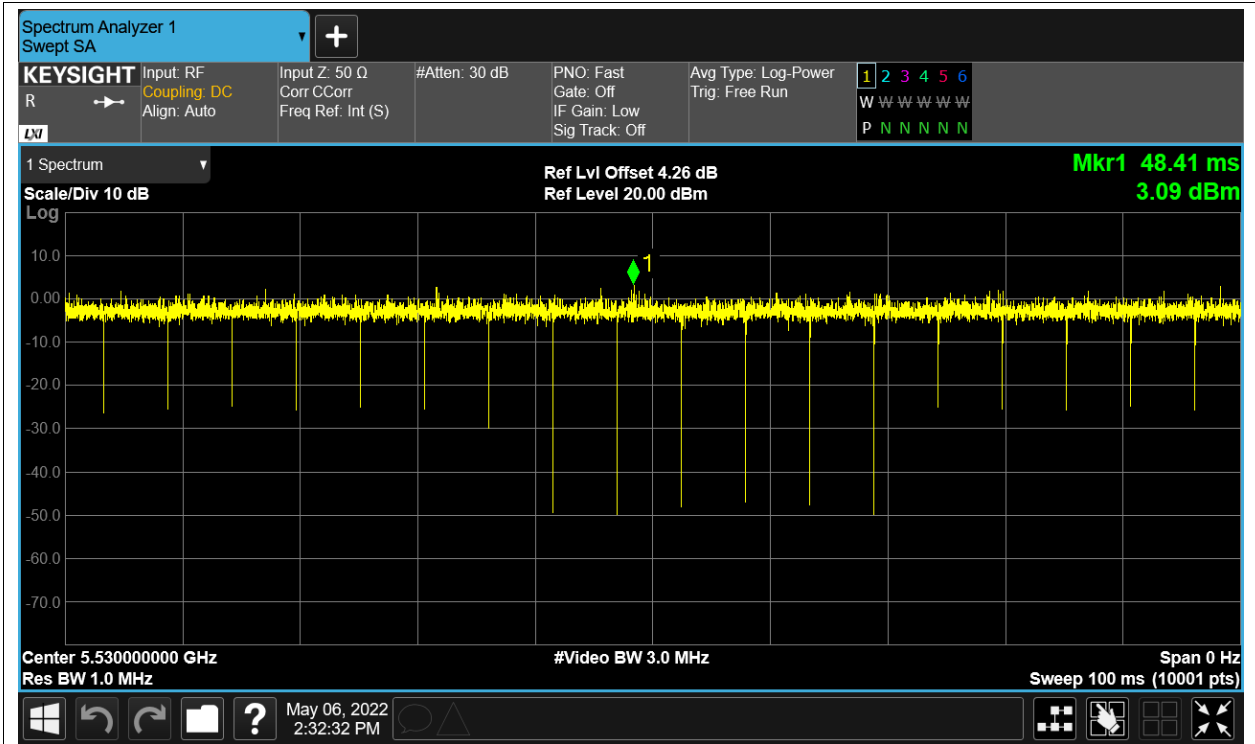
Duty Cycle NVNT ax40 5590MHz Sum



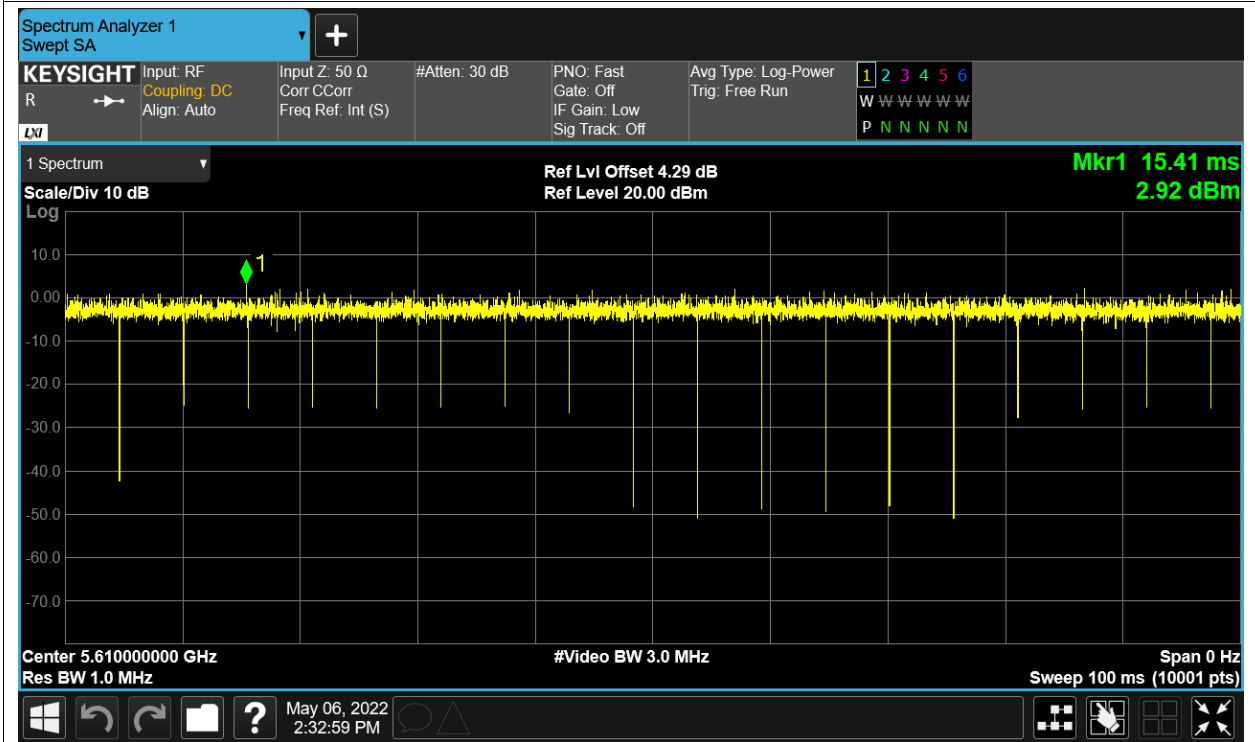
Duty Cycle NVNT ax40 5670MHz Sum



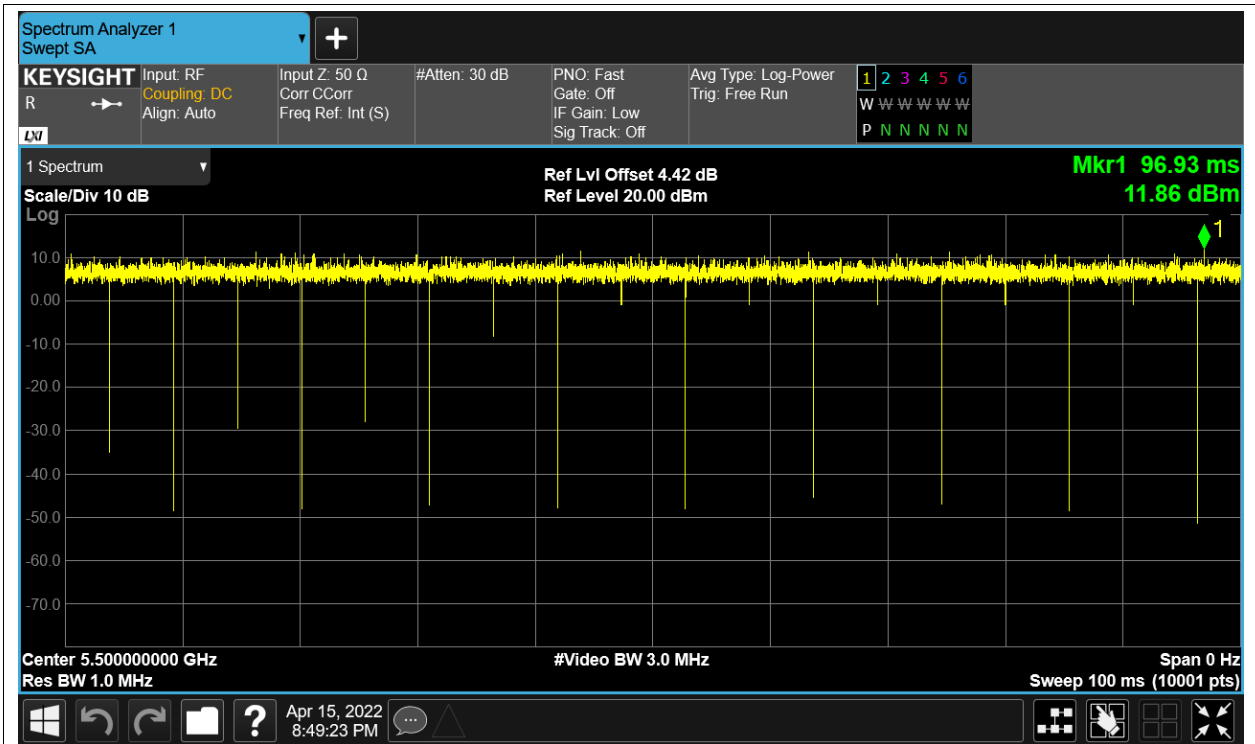
Duty Cycle NVNT ax80 5530MHz Sum



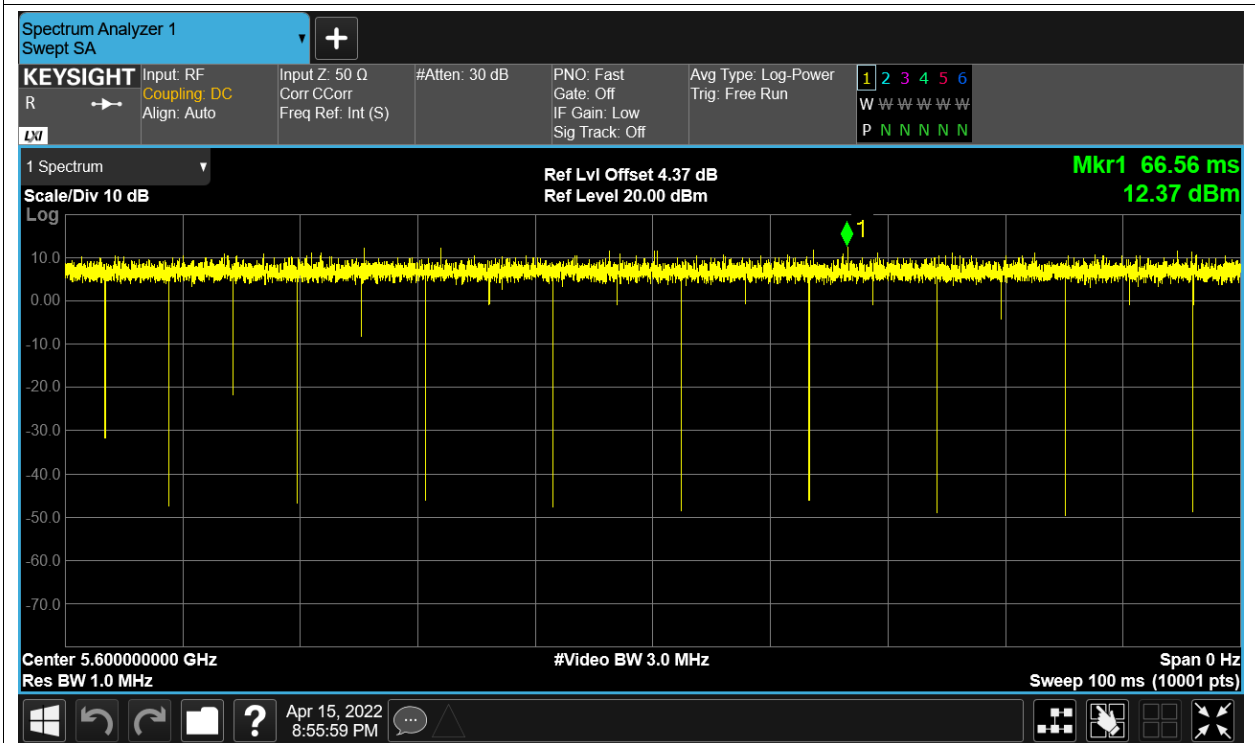
Duty Cycle NVNT ax80 5610MHz Sum



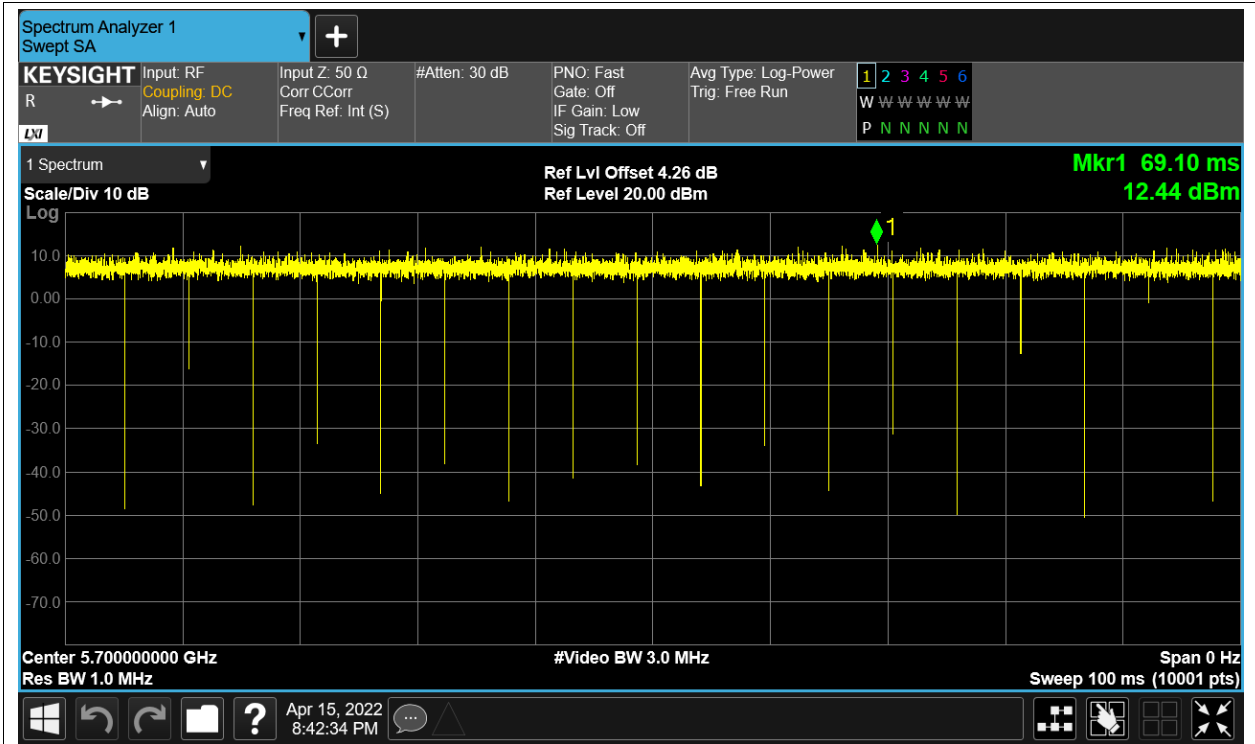
Duty Cycle NVNT n20 5500MHz Sum



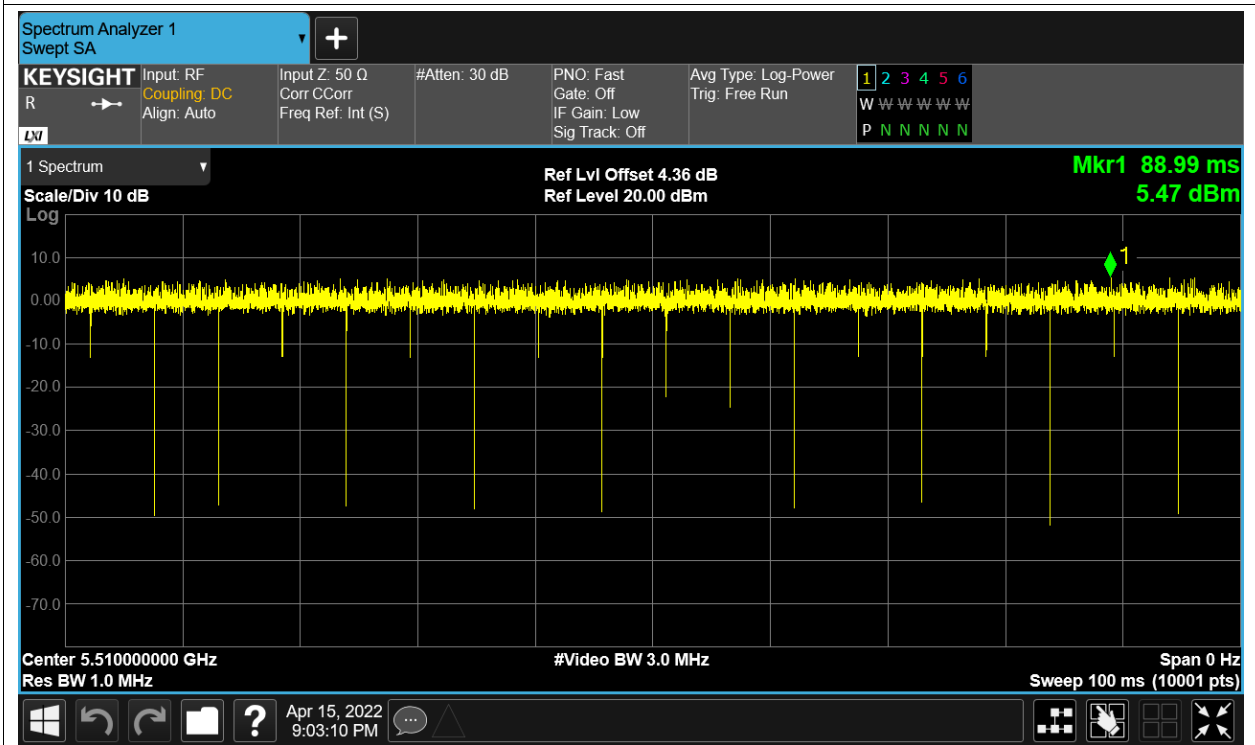
Duty Cycle NVNT n20 5600MHz Sum



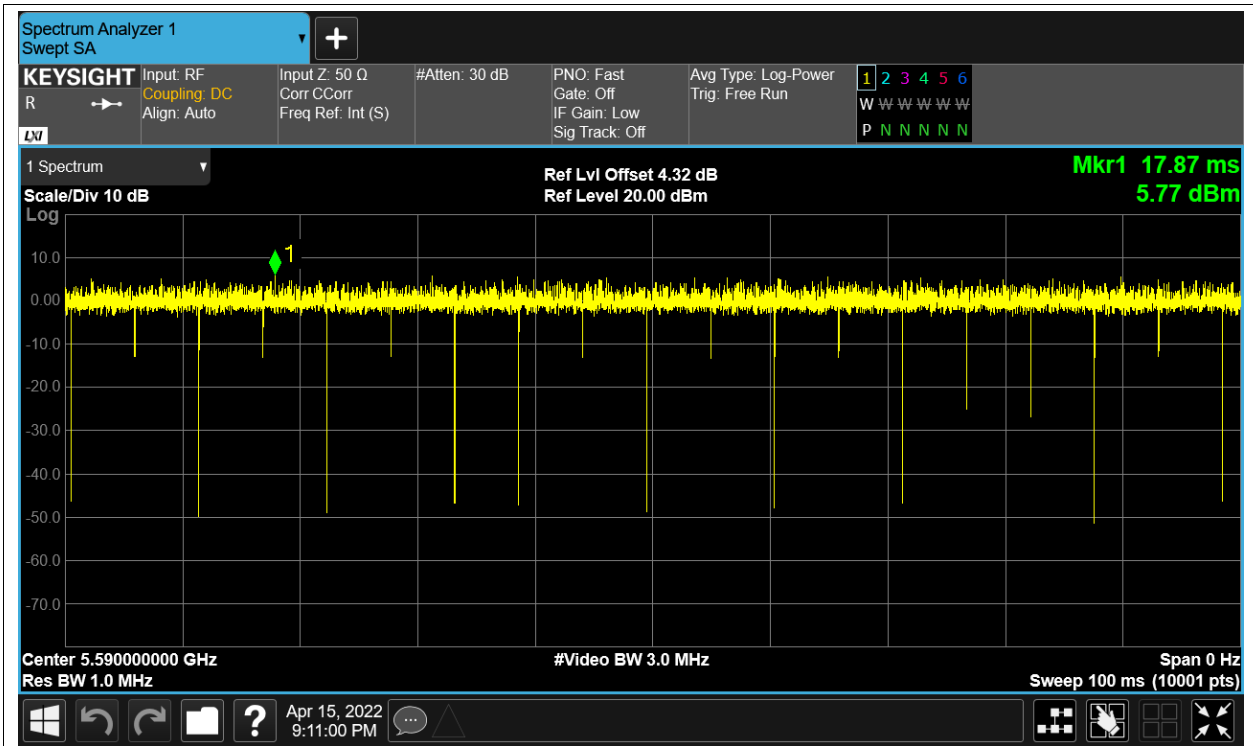
Duty Cycle NVNT n20 5700MHz Sum



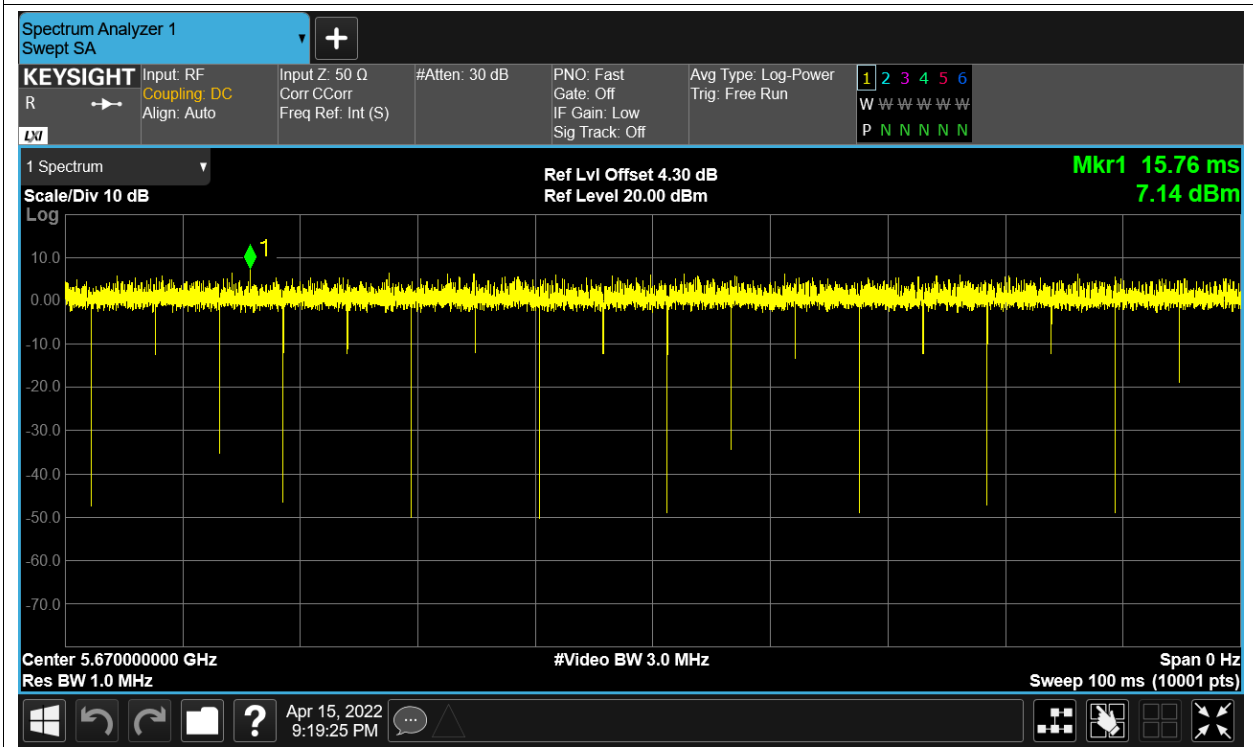
Duty Cycle NVNT n40 5510MHz Sum



Duty Cycle NVNT n40 5590MHz Sum



Duty Cycle NVNT n40 5670MHz Sum





## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	15.55	0	15.55	23.91	Pass
NVNT	a	5600	Ant1	14.97	0	14.97	23.85	Pass
NVNT	a	5700	Ant1	15.64	0	15.64	23.89	Pass
NVNT	a	5500	Ant2	15.77	0	15.77	23.79	Pass
NVNT	a	5600	Ant2	16.19	0	16.19	23.81	Pass
NVNT	a	5700	Ant2	16.37	0	16.37	23.87	Pass
NVNT	ac160	5570	Ant1	12.35	0	12.35	24	Pass
NVNT	ac160	5570	Ant2	12.68	0	12.68	24	Pass
NVNT	ac160	5570	Sum	15.528	0	15.528	24	Pass
NVNT	ac20	5500	Ant1	15.57	0	15.57	24	Pass
NVNT	ac20	5500	Ant2	15.73	0	15.73	24	Pass
NVNT	ac20	5500	Sum	18.661	0	18.661	24	Pass
NVNT	ac20	5600	Ant1	14.89	0	14.89	24	Pass
NVNT	ac20	5600	Ant2	16.15	0	16.15	24	Pass
NVNT	ac20	5600	Sum	18.576	0	18.576	24	Pass
NVNT	ac20	5700	Ant1	15.66	0	15.66	24	Pass
NVNT	ac20	5700	Ant2	16.28	0	16.28	24	Pass
NVNT	ac20	5700	Sum	18.991	0	18.991	24	Pass
NVNT	ac40	5510	Ant1	15.16	0	15.16	24	Pass
NVNT	ac40	5510	Ant2	15.56	0	15.56	24	Pass
NVNT	ac40	5510	Sum	18.375	0	18.375	24	Pass
NVNT	ac40	5590	Ant1	14.73	0	14.73	24	Pass
NVNT	ac40	5590	Ant2	15.69	0	15.69	24	Pass
NVNT	ac40	5590	Sum	18.247	0	18.247	24	Pass
NVNT	ac40	5670	Ant1	15.2	0	15.2	24	Pass
NVNT	ac40	5670	Ant2	15.82	0	15.82	24	Pass
NVNT	ac40	5670	Sum	18.531	0	18.531	24	Pass
NVNT	ac80	5530	Ant1	10.7	0	10.7	24	Pass
NVNT	ac80	5530	Ant2	14.69	0	14.69	24	Pass
NVNT	ac80	5530	Sum	16.148	0	16.148	24	Pass
NVNT	ac80	5610	Ant1	11.94	0	11.94	24	Pass
NVNT	ac80	5610	Ant2	14.48	0	14.48	24	Pass
NVNT	ac80	5610	Sum	16.403	0	16.403	24	Pass
NVNT	ax160	5570	Ant1	10.68	0	10.68	24	Pass
NVNT	ax160	5570	Ant2	10.62	0	10.62	24	Pass
NVNT	ax160	5570	Sum	13.66	0	13.66	24	Pass
NVNT	ax20	5500	Ant1	13.26	0	13.26	24	Pass
NVNT	ax20	5500	Ant2	13.15	0	13.15	24	Pass
NVNT	ax20	5500	Sum	16.216	0	16.216	24	Pass
NVNT	ax20	5600	Ant1	13.16	0	13.16	24	Pass

NVNT	ax20	5600	Ant2	13.47	0	13.47	24	Pass
NVNT	ax20	5600	Sum	16.328	0	16.328	24	Pass
NVNT	ax20	5700	Ant1	13.29	0	13.29	24	Pass
NVNT	ax20	5700	Ant2	12.22	0	12.22	24	Pass
NVNT	ax20	5700	Sum	15.798	0	15.798	24	Pass
NVNT	ax40	5510	Ant1	12.71	0	12.71	24	Pass
NVNT	ax40	5510	Ant2	12.45	0	12.45	24	Pass
NVNT	ax40	5510	Sum	15.592	0	15.592	24	Pass
NVNT	ax40	5590	Ant1	12.72	0	12.72	24	Pass
NVNT	ax40	5590	Ant2	13.17	0	13.17	24	Pass
NVNT	ax40	5590	Sum	15.961	0	15.961	24	Pass
NVNT	ax40	5670	Ant1	12.98	0	12.98	24	Pass
NVNT	ax40	5670	Ant2	12.68	0	12.68	24	Pass
NVNT	ax40	5670	Sum	15.843	0	15.843	24	Pass
NVNT	ax80	5530	Ant1	11.95	0	11.95	24	Pass
NVNT	ax80	5530	Ant2	12.16	0	12.16	24	Pass
NVNT	ax80	5530	Sum	15.067	0	15.067	24	Pass
NVNT	ax80	5610	Ant1	12.35	0	12.35	24	Pass
NVNT	ax80	5610	Ant2	12.53	0	12.53	24	Pass
NVNT	ax80	5610	Sum	15.451	0	15.451	24	Pass
NVNT	n20	5500	Ant1	15.54	0	15.54	24	Pass
NVNT	n20	5500	Ant2	15.79	0	15.79	24	Pass
NVNT	n20	5500	Sum	18.677	0	18.677	24	Pass
NVNT	n20	5600	Ant1	14.89	0	14.89	24	Pass
NVNT	n20	5600	Ant2	16.21	0	16.21	24	Pass
NVNT	n20	5600	Sum	18.61	0	18.61	24	Pass
NVNT	n20	5700	Ant1	15.66	0	15.66	24	Pass
NVNT	n20	5700	Ant2	16.36	0	16.36	24	Pass
NVNT	n20	5700	Sum	19.034	0	19.034	24	Pass
NVNT	n40	5510	Ant1	15.23	0	15.23	24	Pass
NVNT	n40	5510	Ant2	15.64	0	15.64	24	Pass
NVNT	n40	5510	Sum	18.45	0	18.45	24	Pass
NVNT	n40	5590	Ant1	14.83	0	14.83	24	Pass
NVNT	n40	5590	Ant2	15.91	0	15.91	24	Pass
NVNT	n40	5590	Sum	18.414	0	18.414	24	Pass
NVNT	n40	5670	Ant1	15.23	0	15.23	24	Pass
NVNT	n40	5670	Ant2	16	0	16	24	Pass
NVNT	n40	5670	Sum	18.642	0	18.642	24	Pass