

4. Frequency Stability

4.1 Ant1

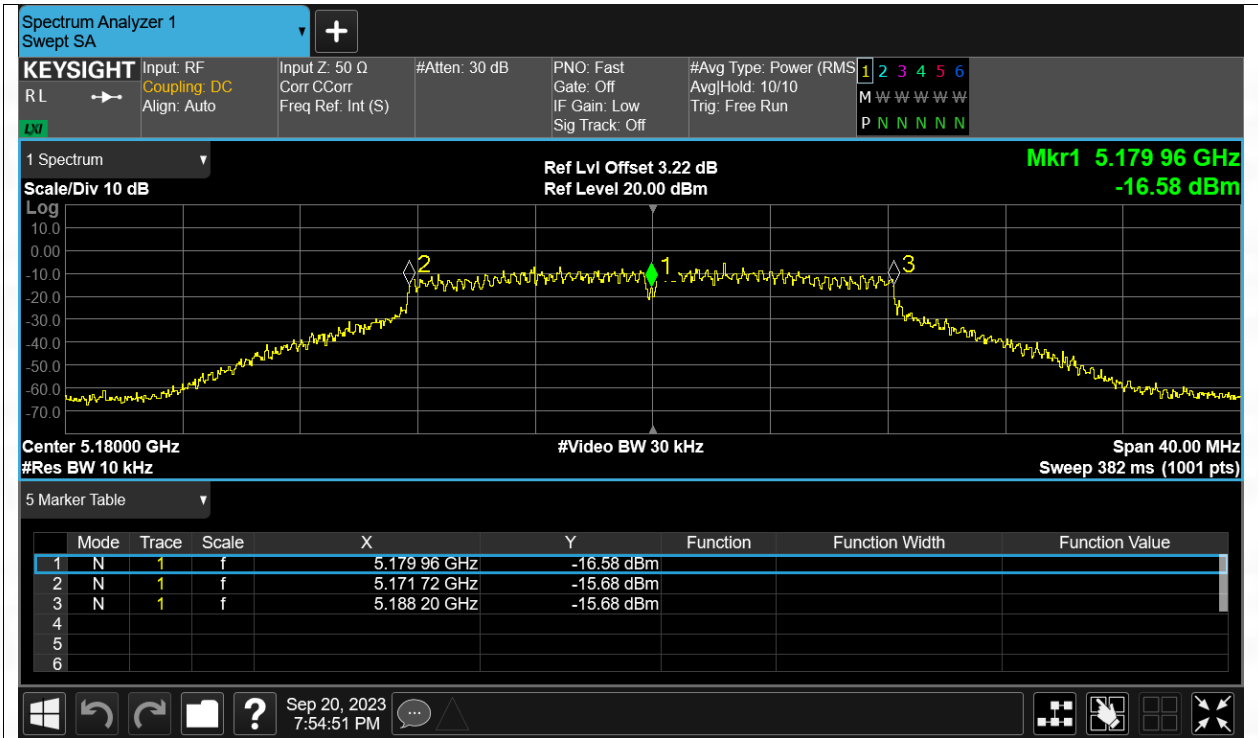
4.1.1 Test Result

Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
n40	5670	Ant1	5670	0	0	25	Pass
n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
ac20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
ac40	5190	Ant1	5190	0	0	25	Pass
ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
ac80	5290	Ant1	5290.08	80000	15.12	25	Pass
ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
ax160	5250	Ant1	5250	0	0	25	Pass
ax160	5570	Ant1	5570	0	0	25	Pass
ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
ax20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
ax20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
ax40	5230	Ant1	5230	0	0	25	Pass
ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
ax40	5510	Ant1	5510	0	0	25	Pass

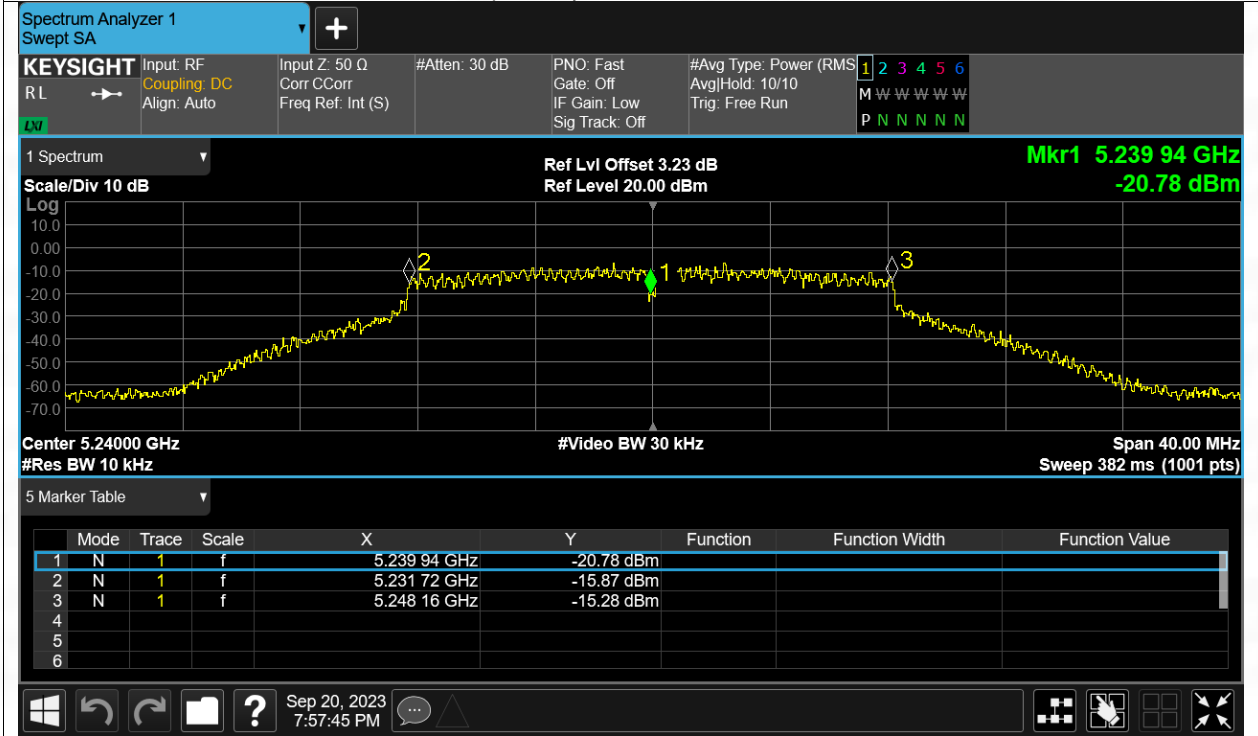
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ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
ax80	5210	Ant1	5210	0	0	25	Pass
ax80	5290	Ant1	5290	0	0	25	Pass
ax80	5530	Ant1	5530	0	0	25	Pass
ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
ax80	5775	Ant1	5775	0	0	25	Pass

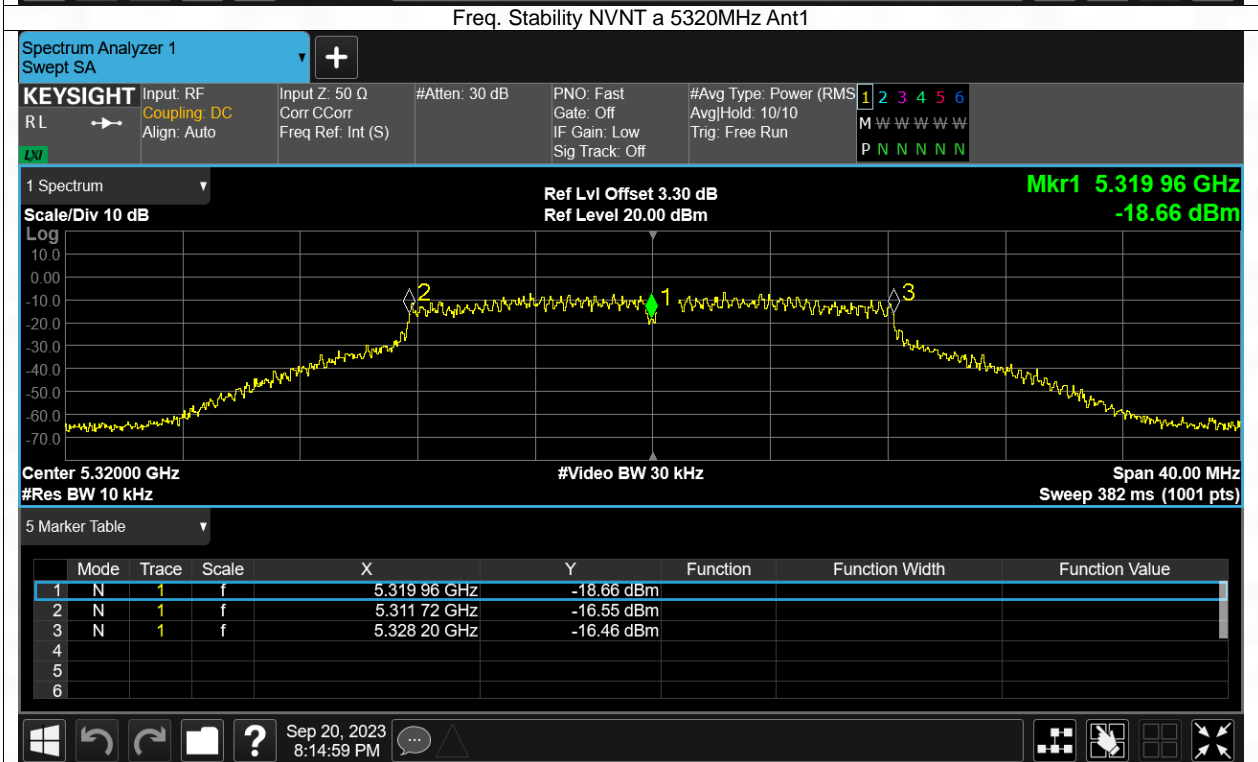
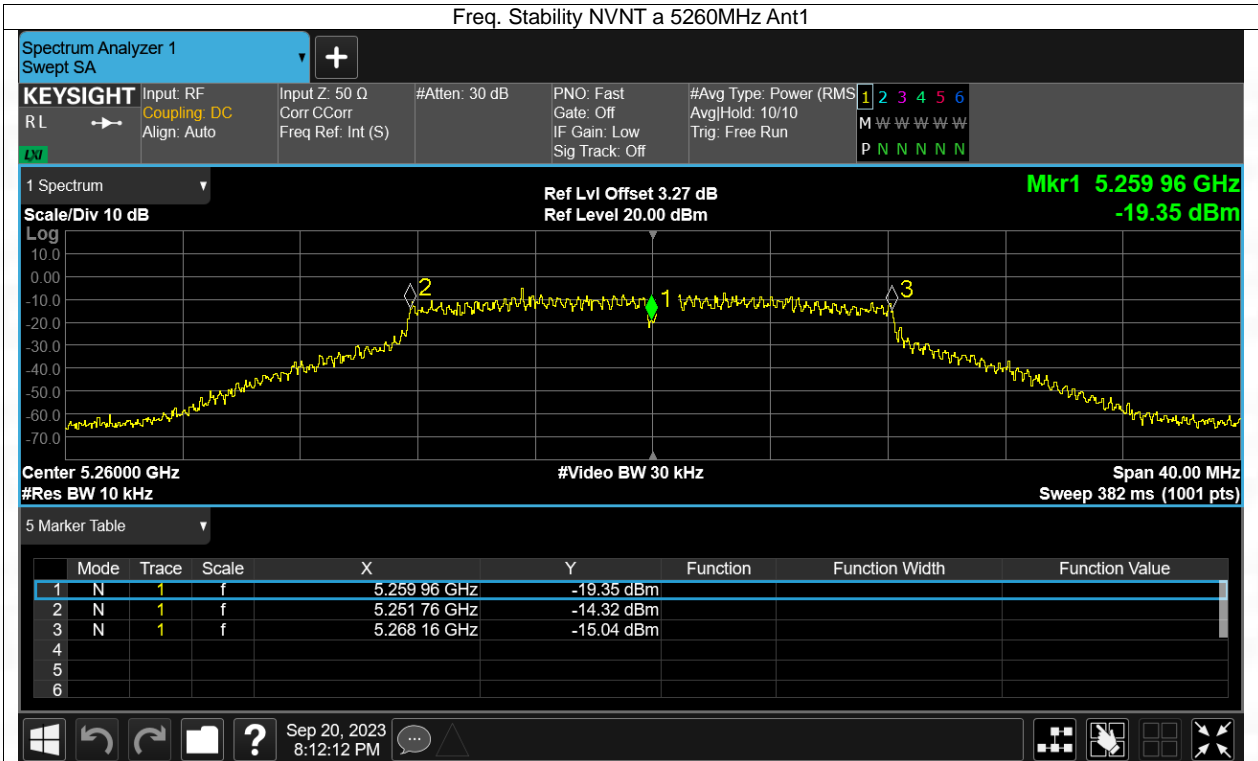
4.1.2 Test Graph

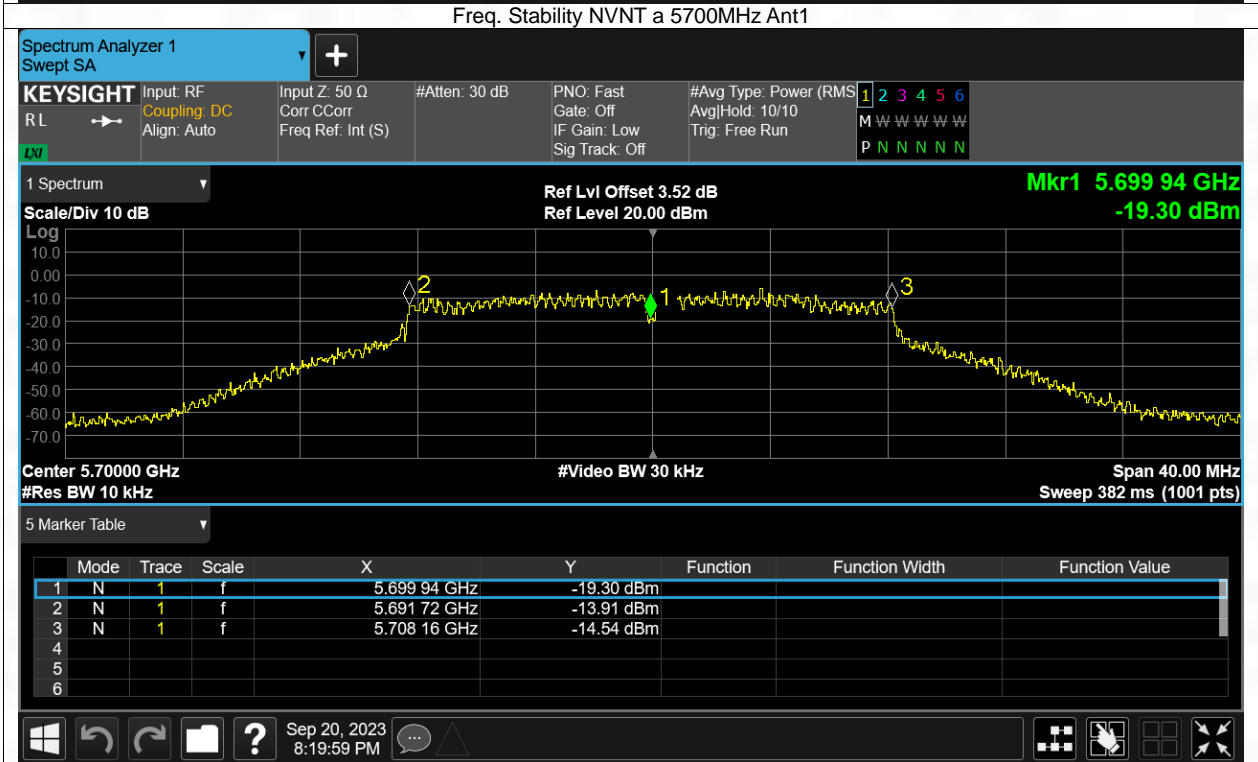
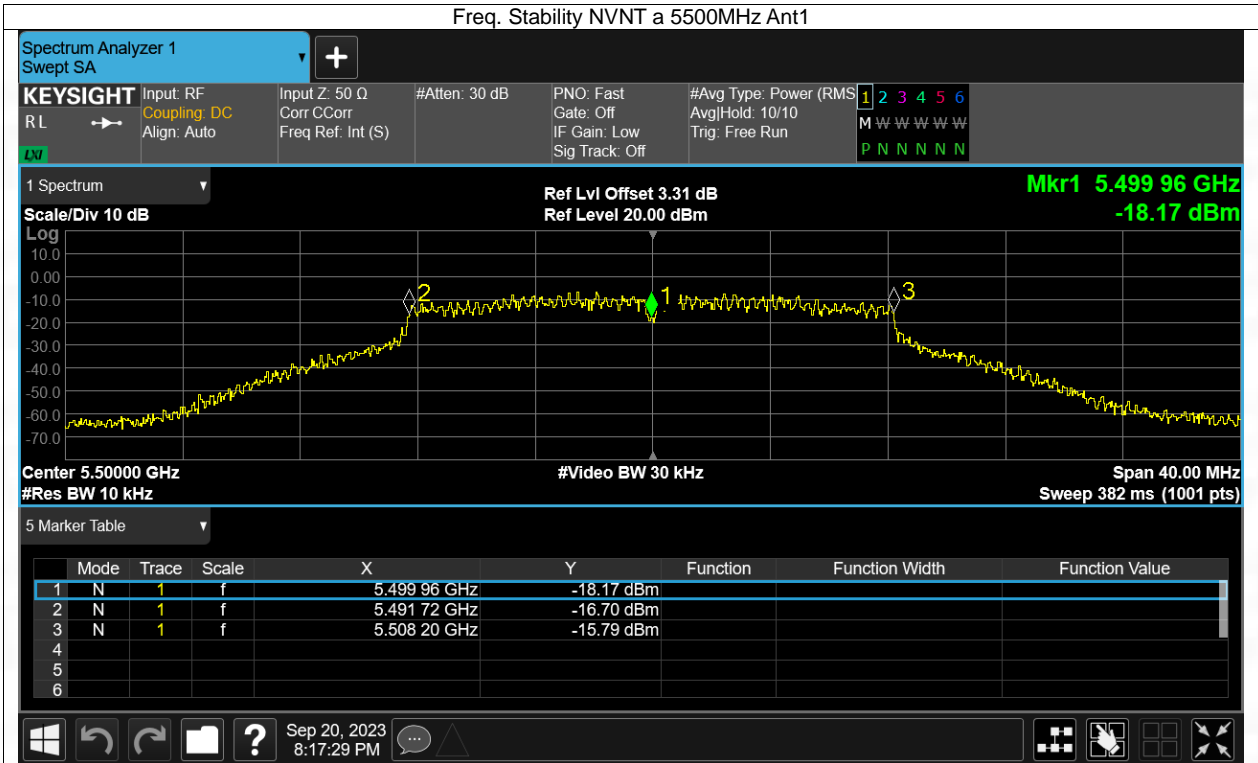
Test Graphs
Freq. Stability NVNT a 5180MHz Ant1

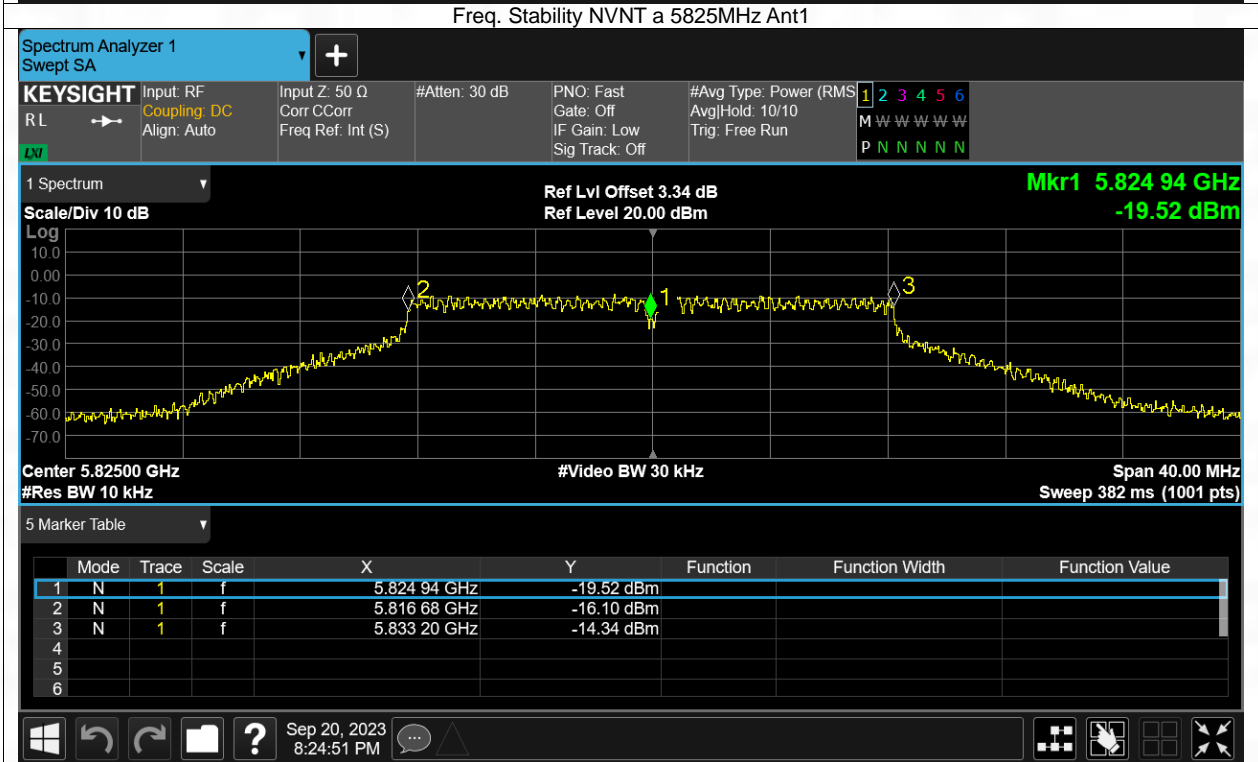
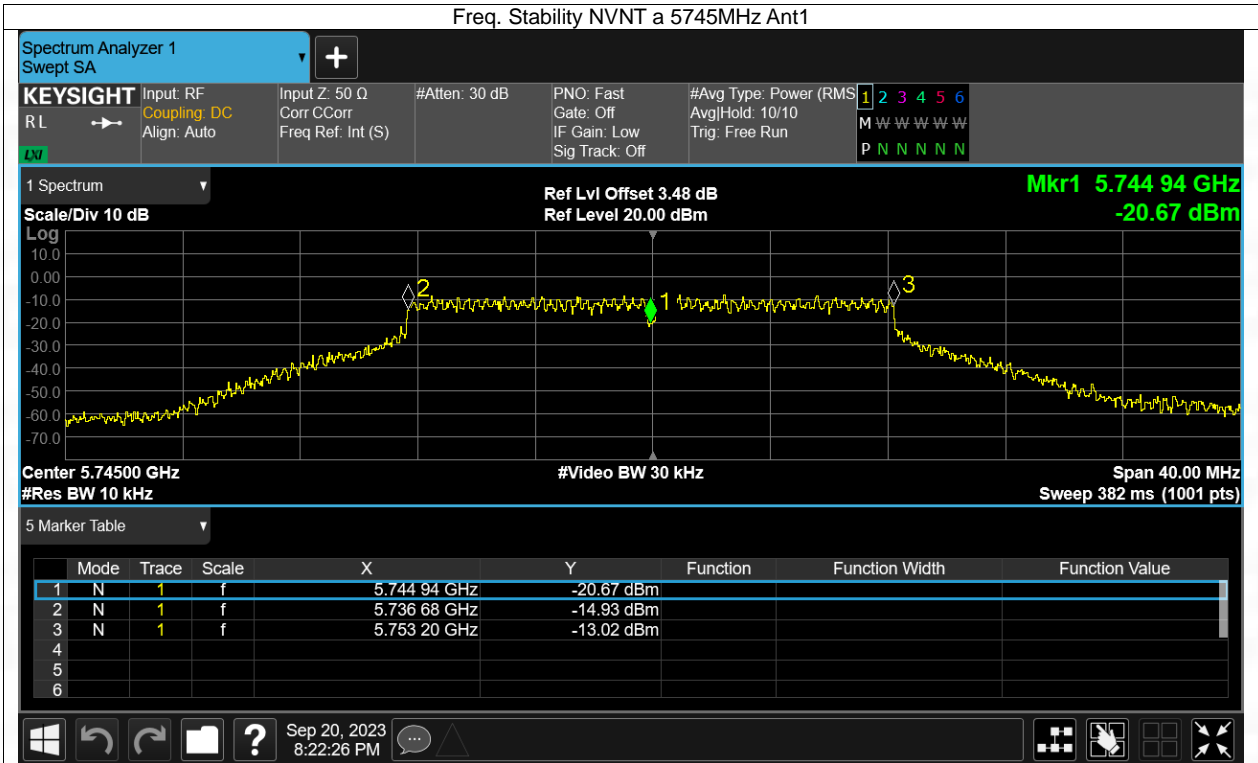


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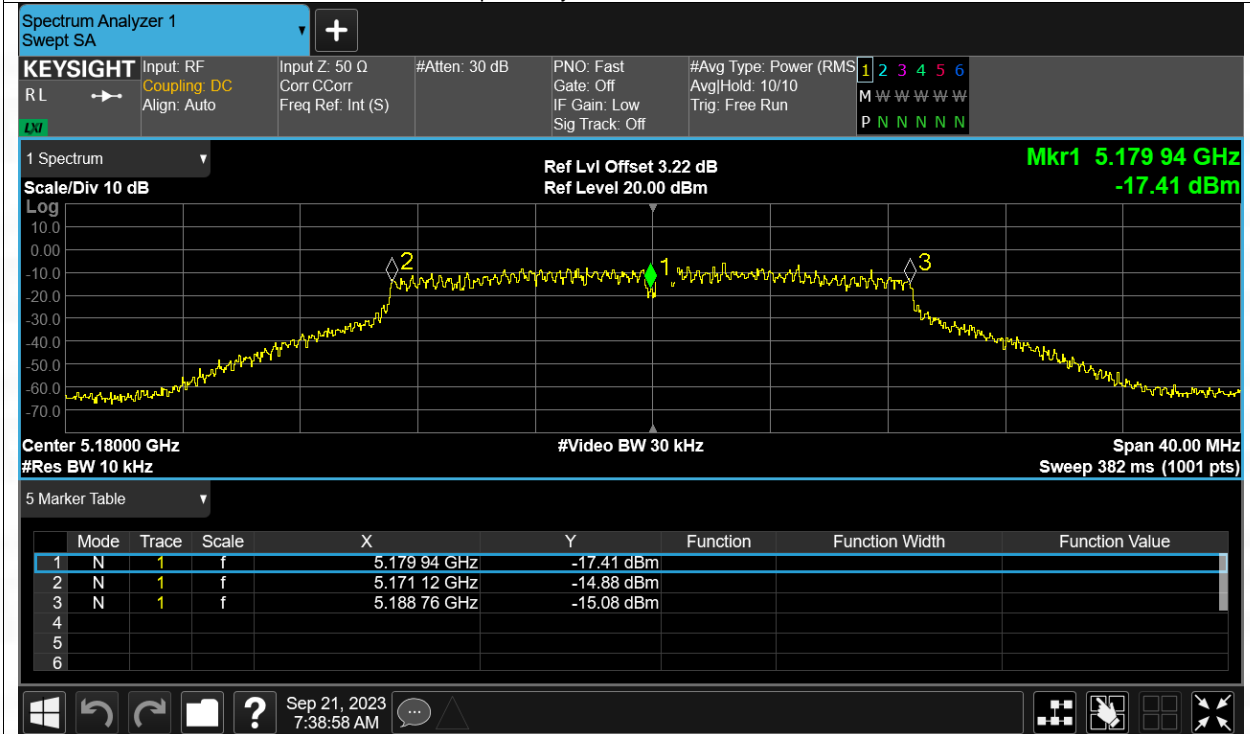




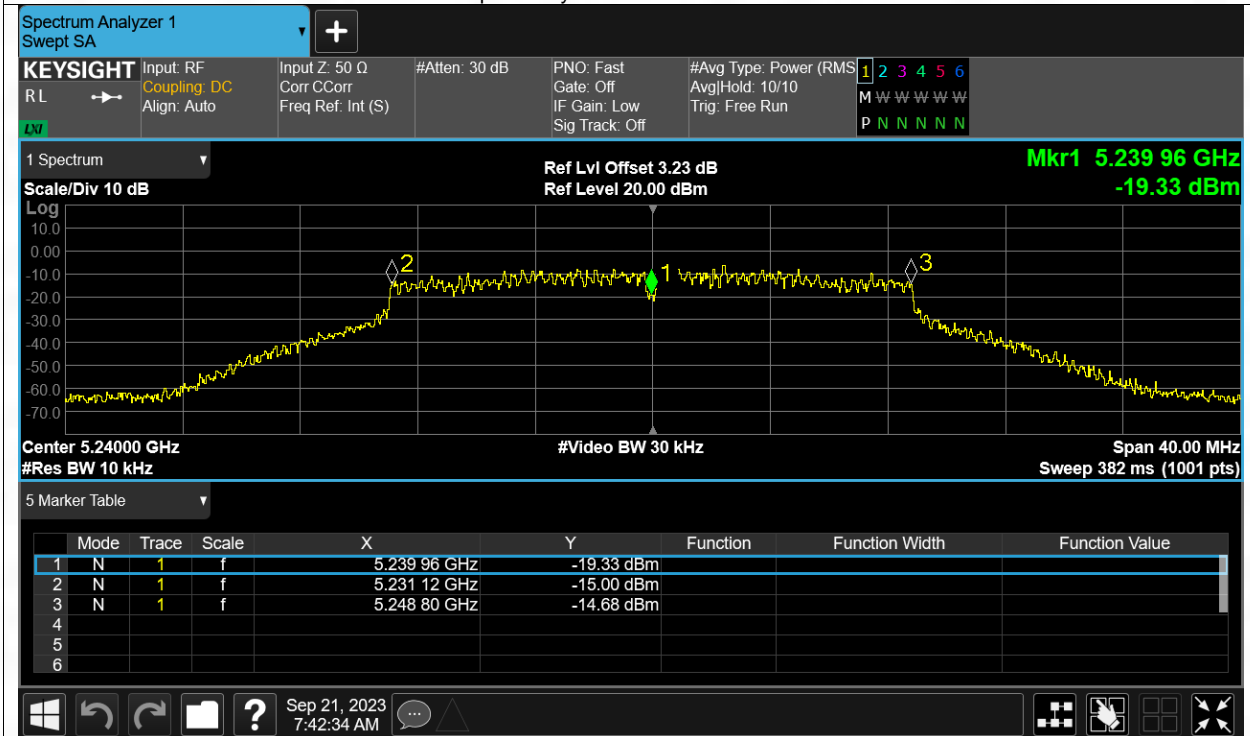




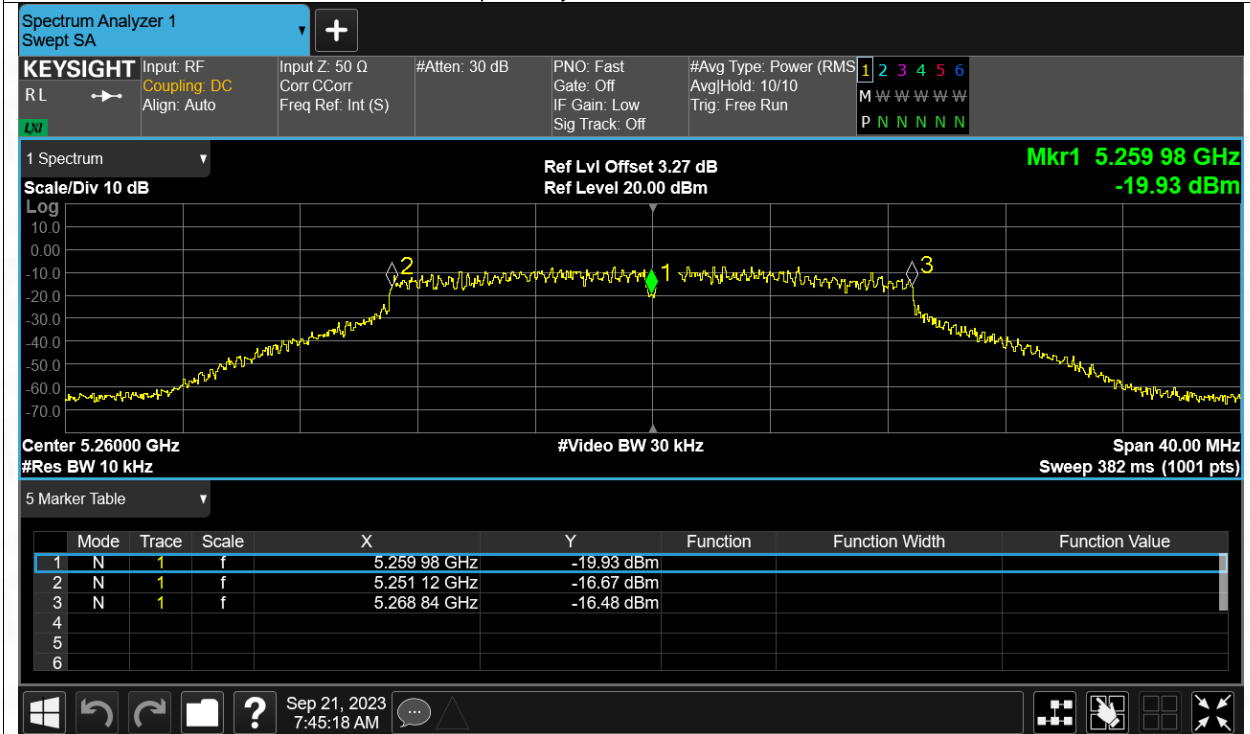
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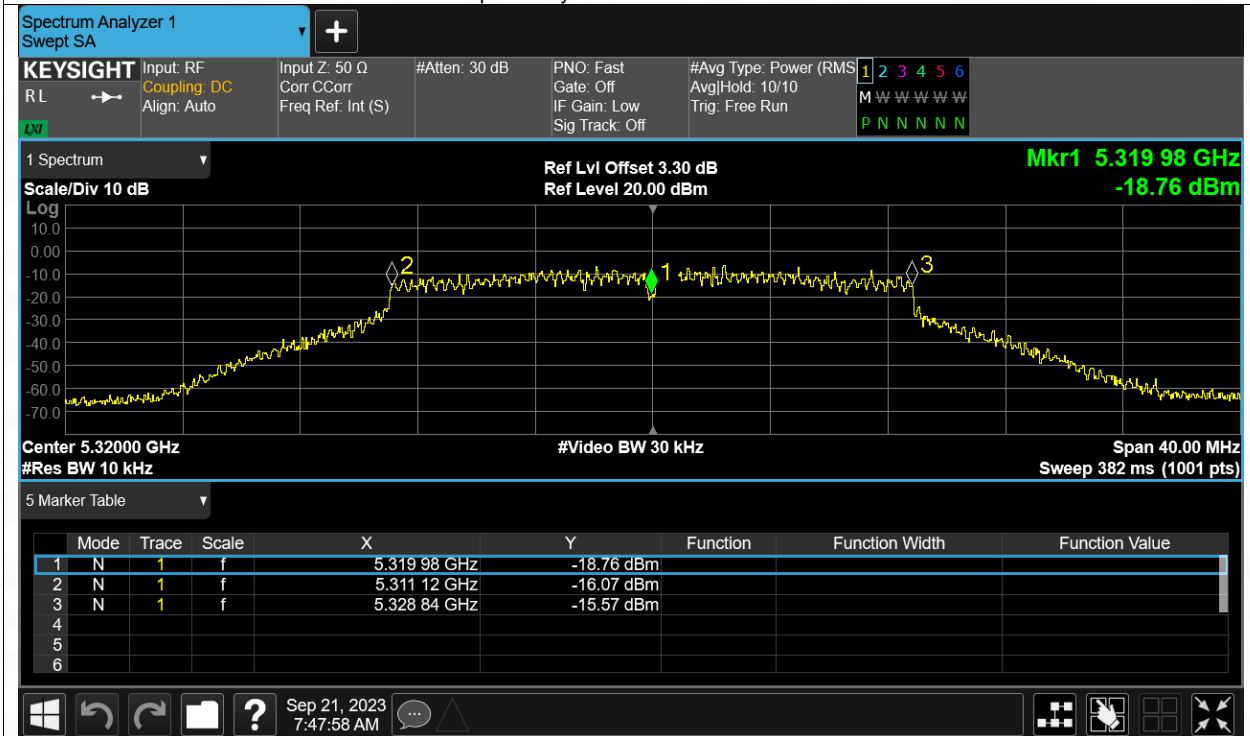
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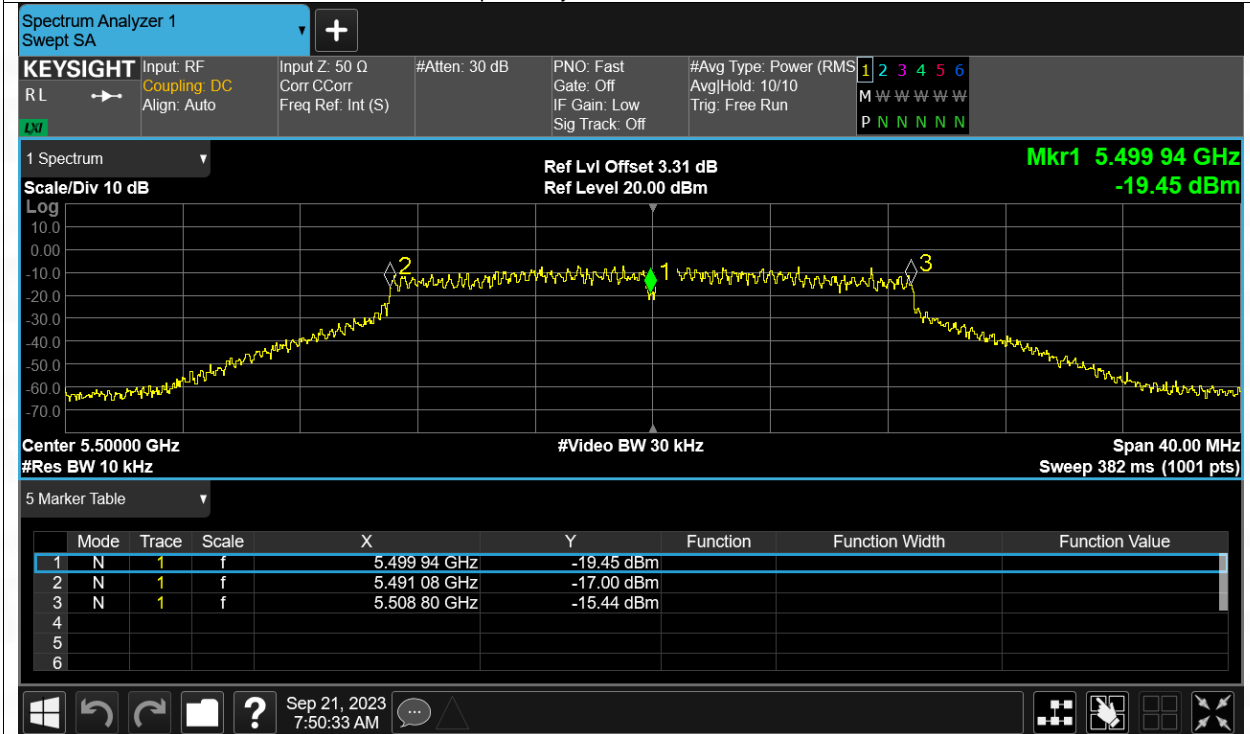
Freq. Stability NVNT n20 5260MHz Ant1



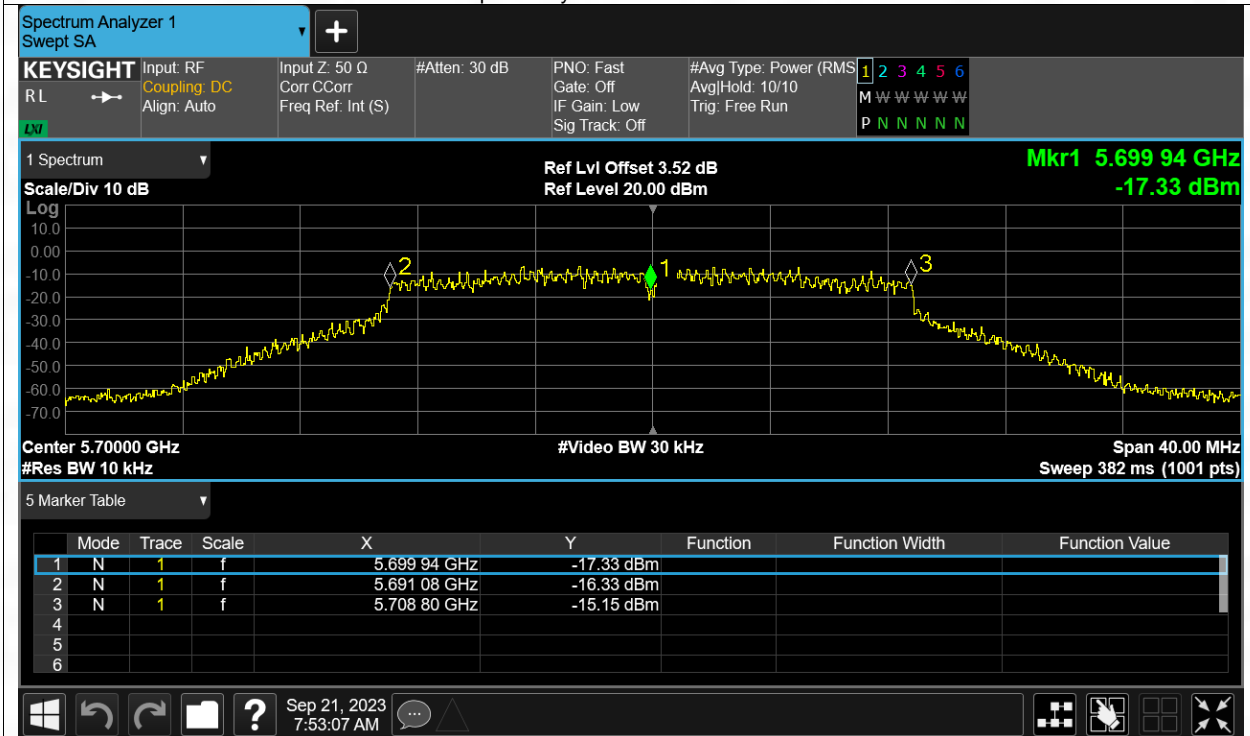
Freq. Stability NVNT n20 5320MHz Ant1



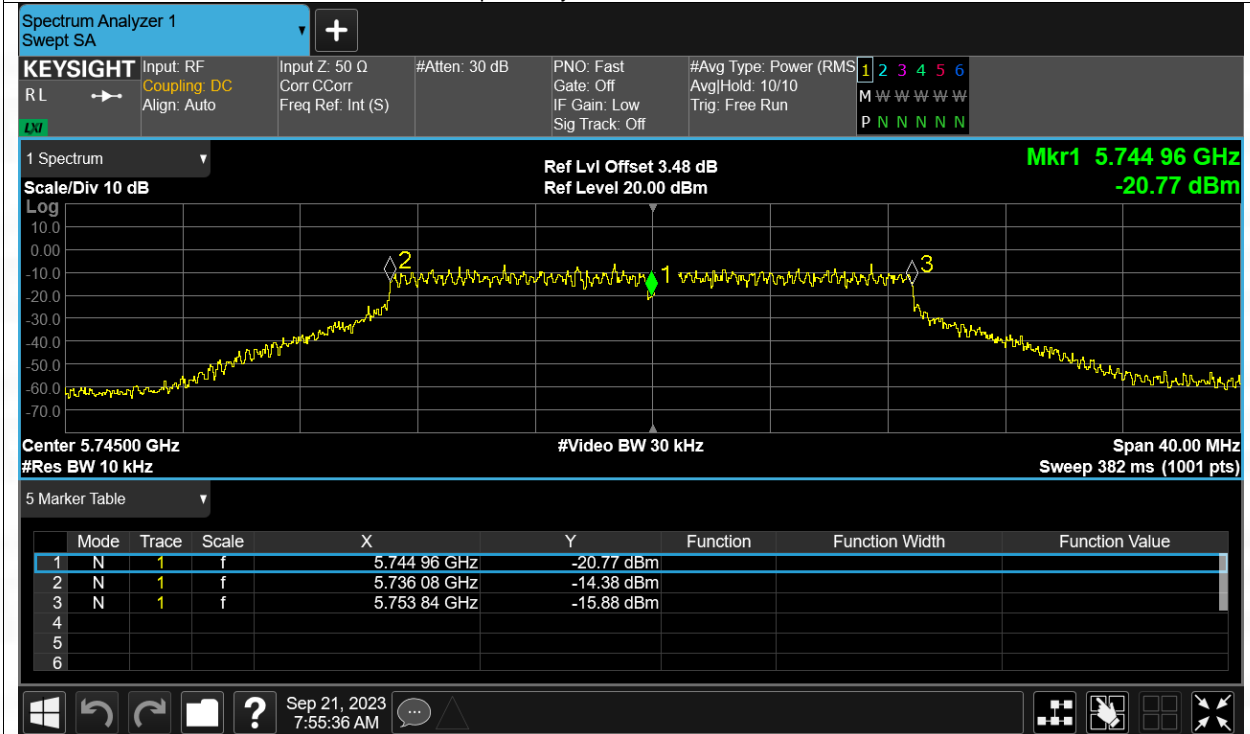
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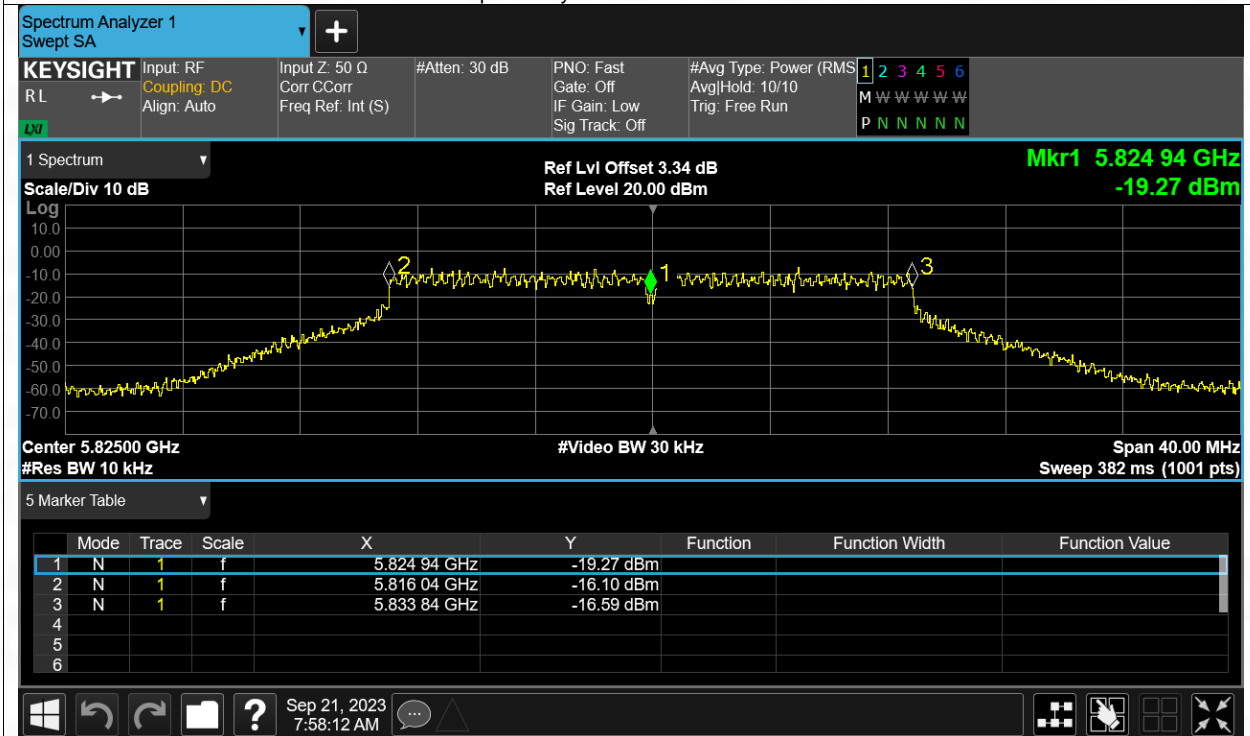
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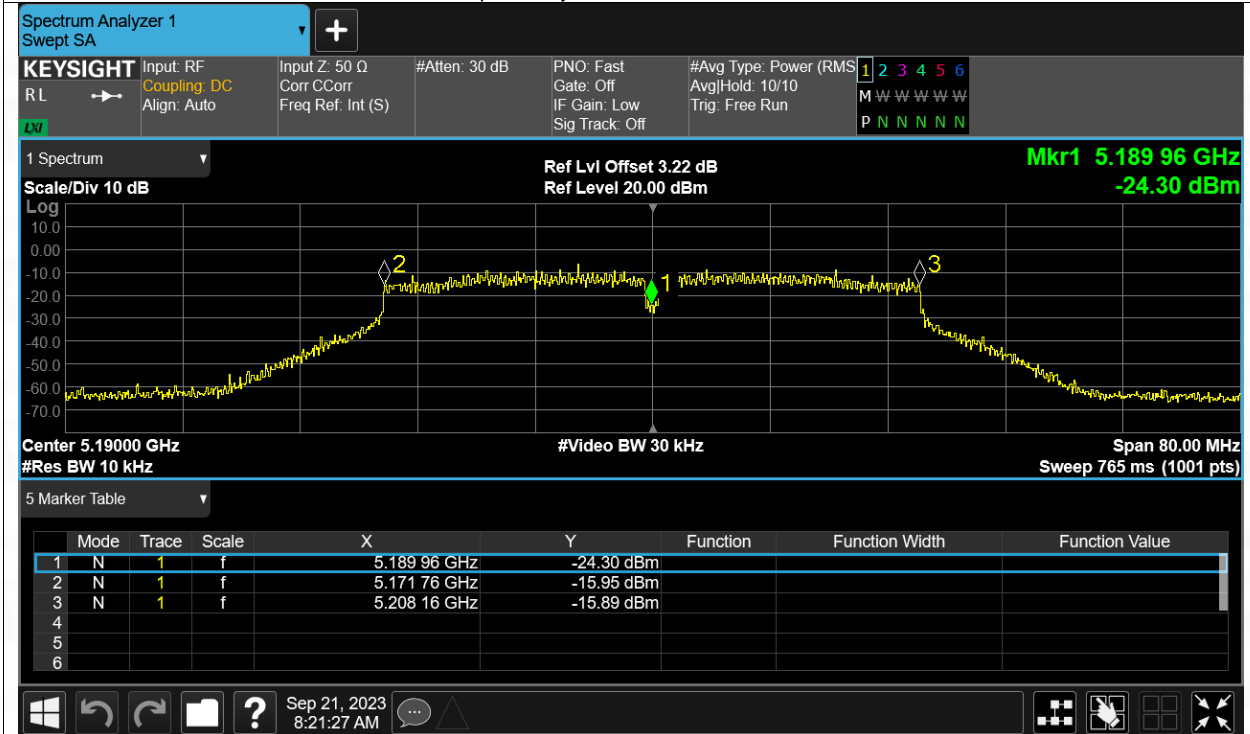
Freq. Stability NVNT n20 5745MHz Ant1



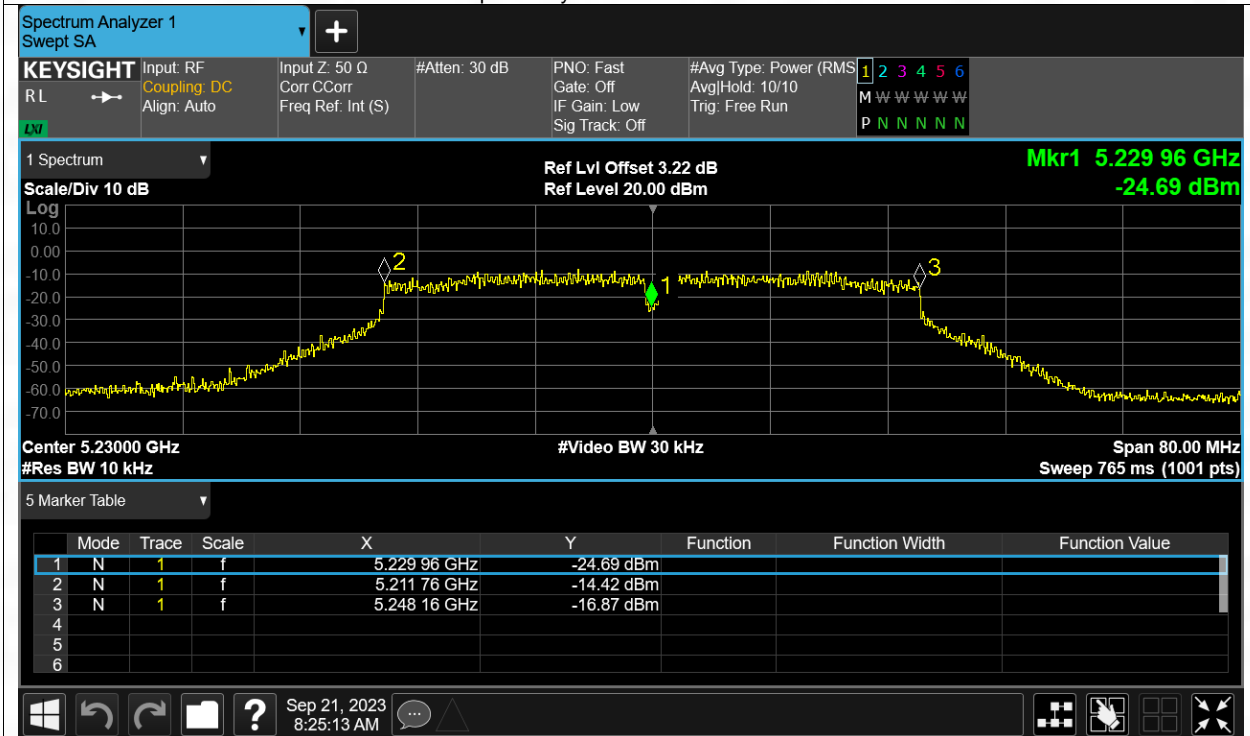
Freq. Stability NVNT n20 5825MHz Ant1



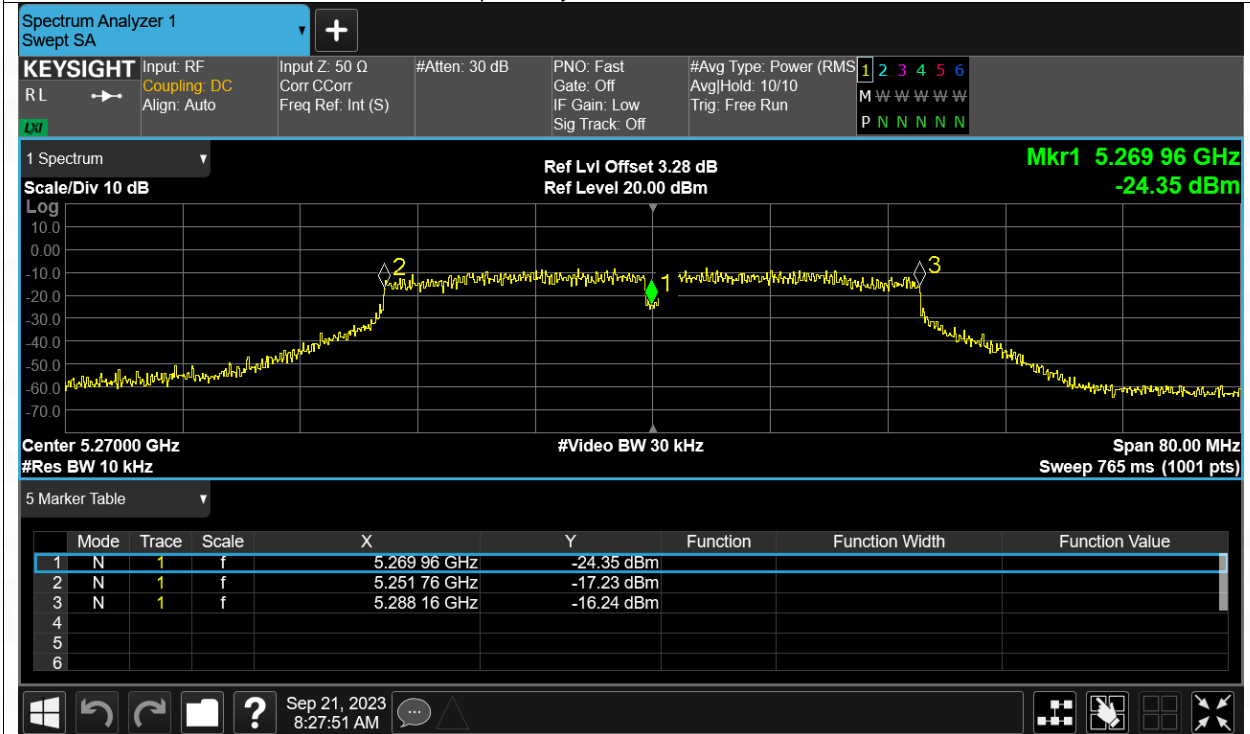
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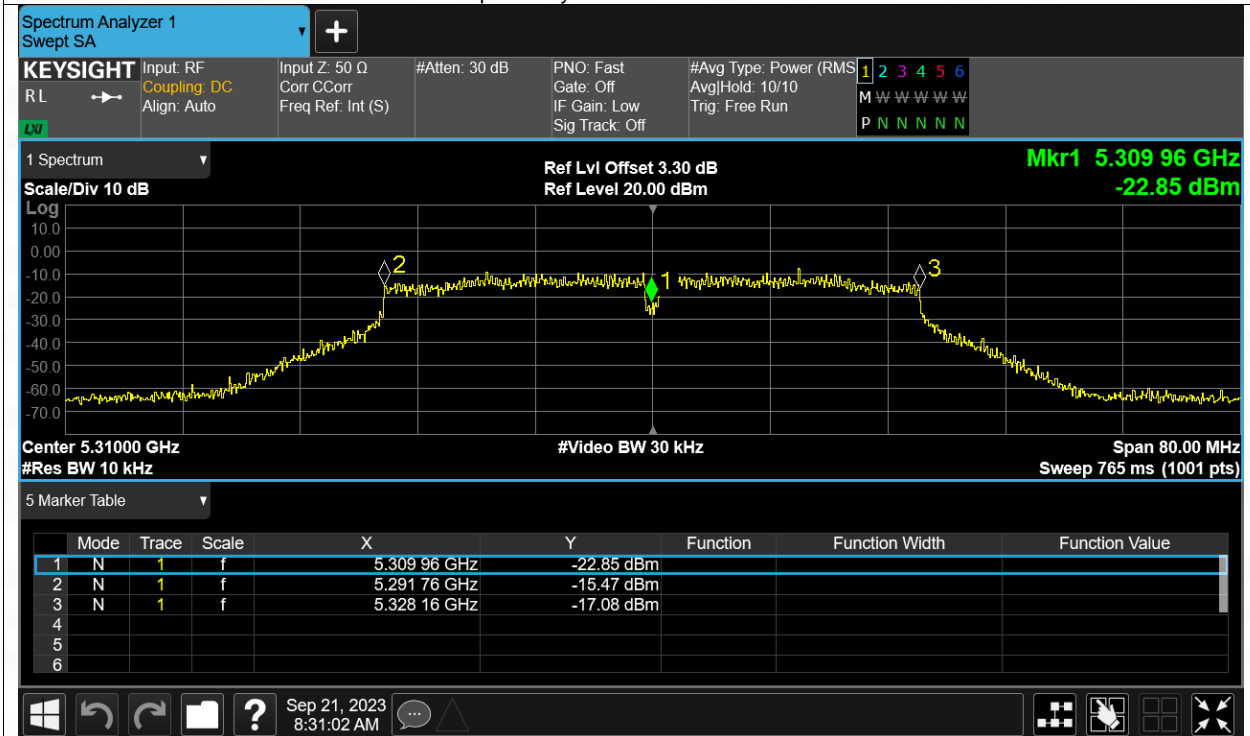
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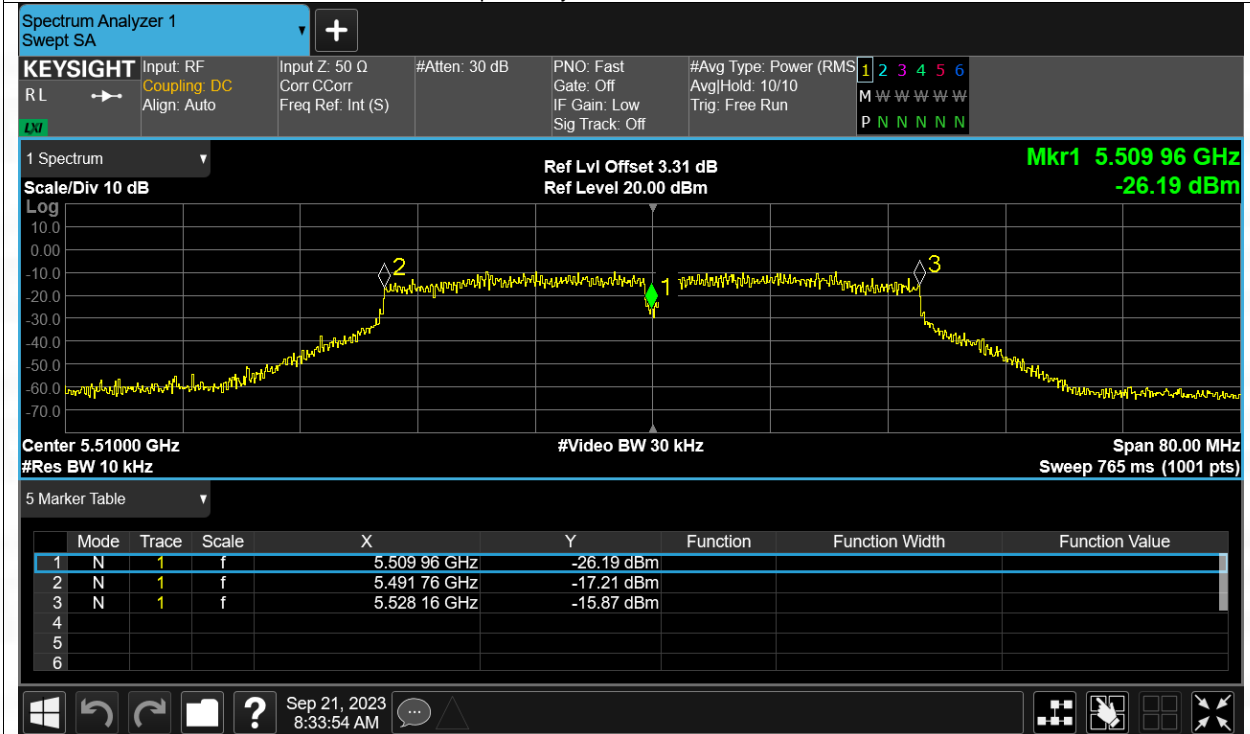
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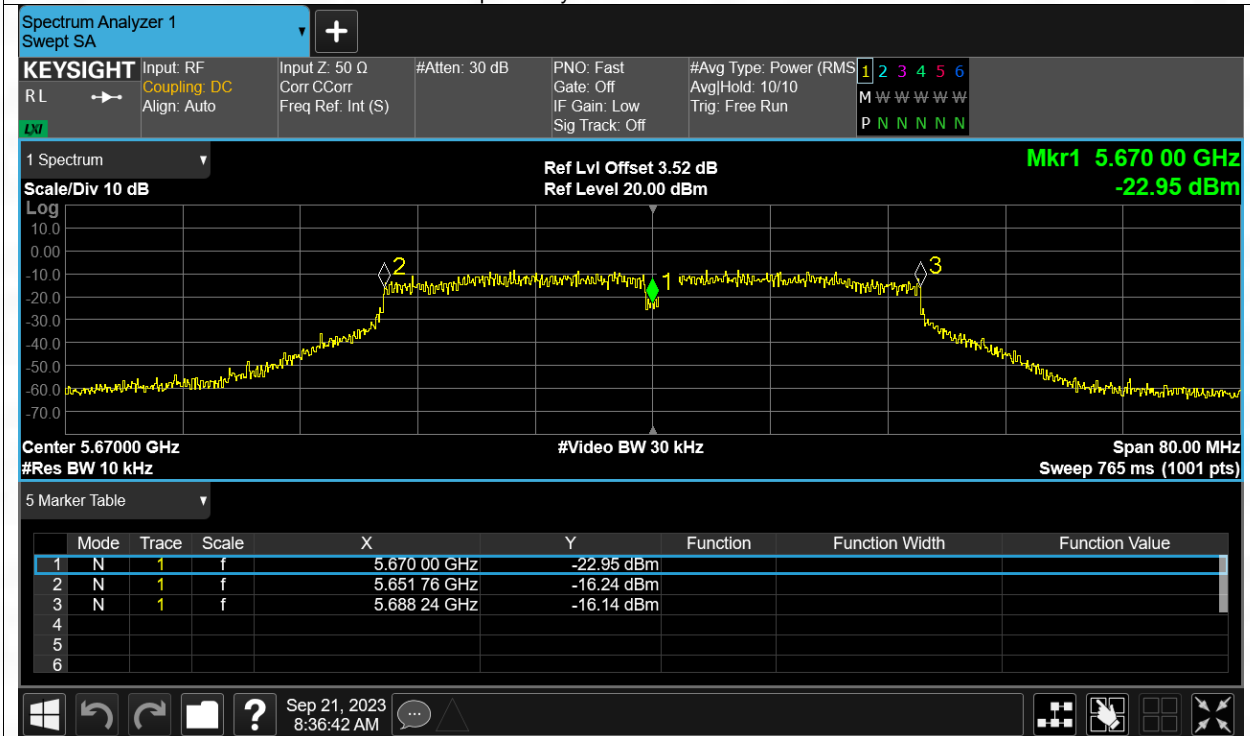
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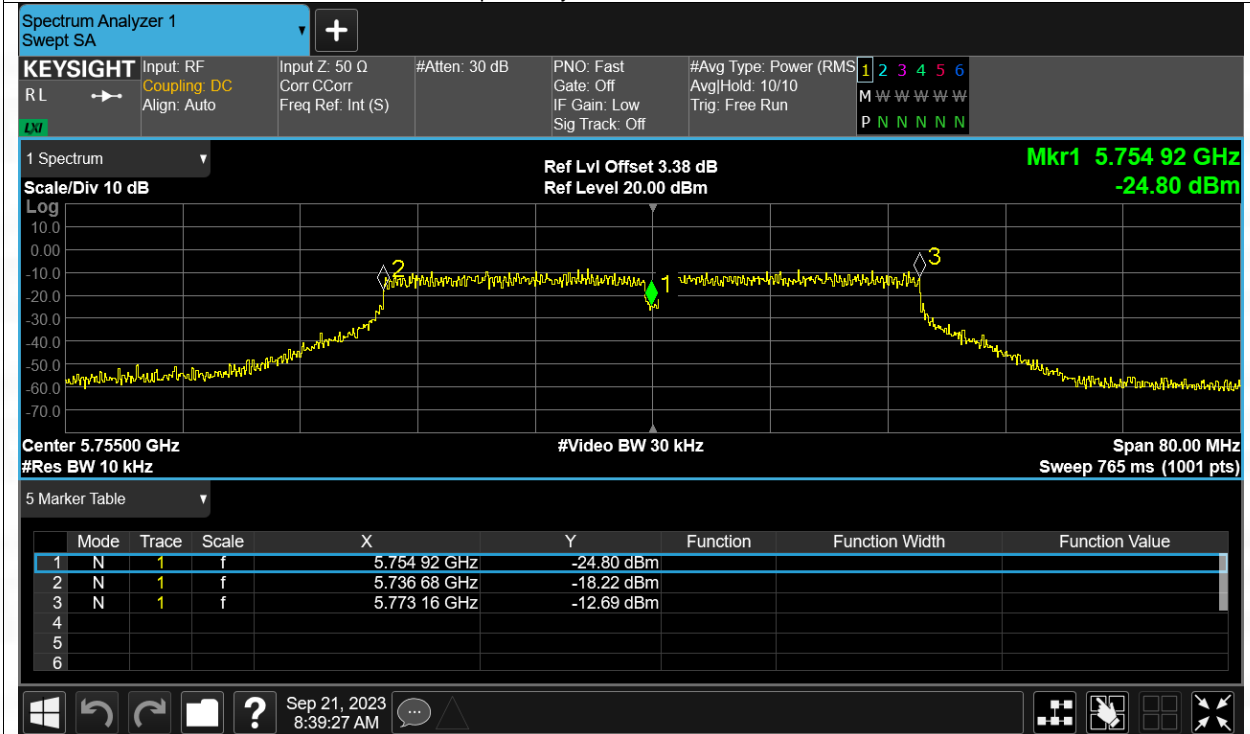
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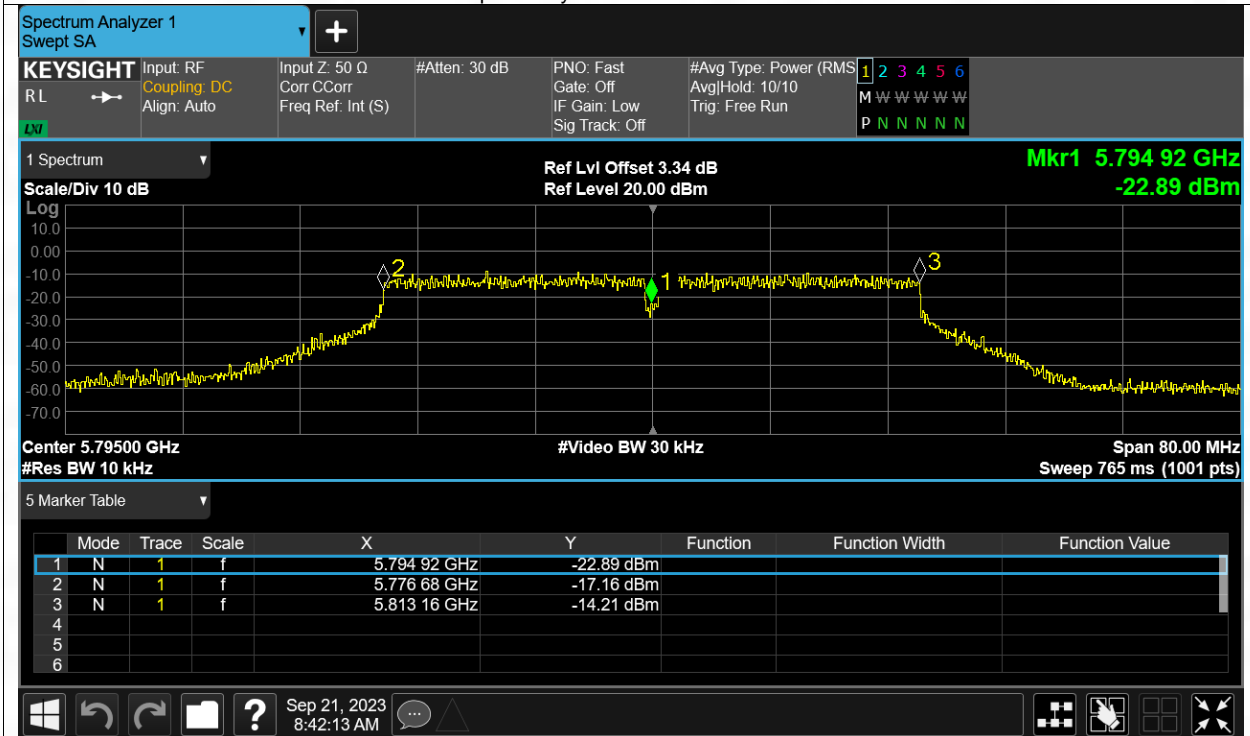
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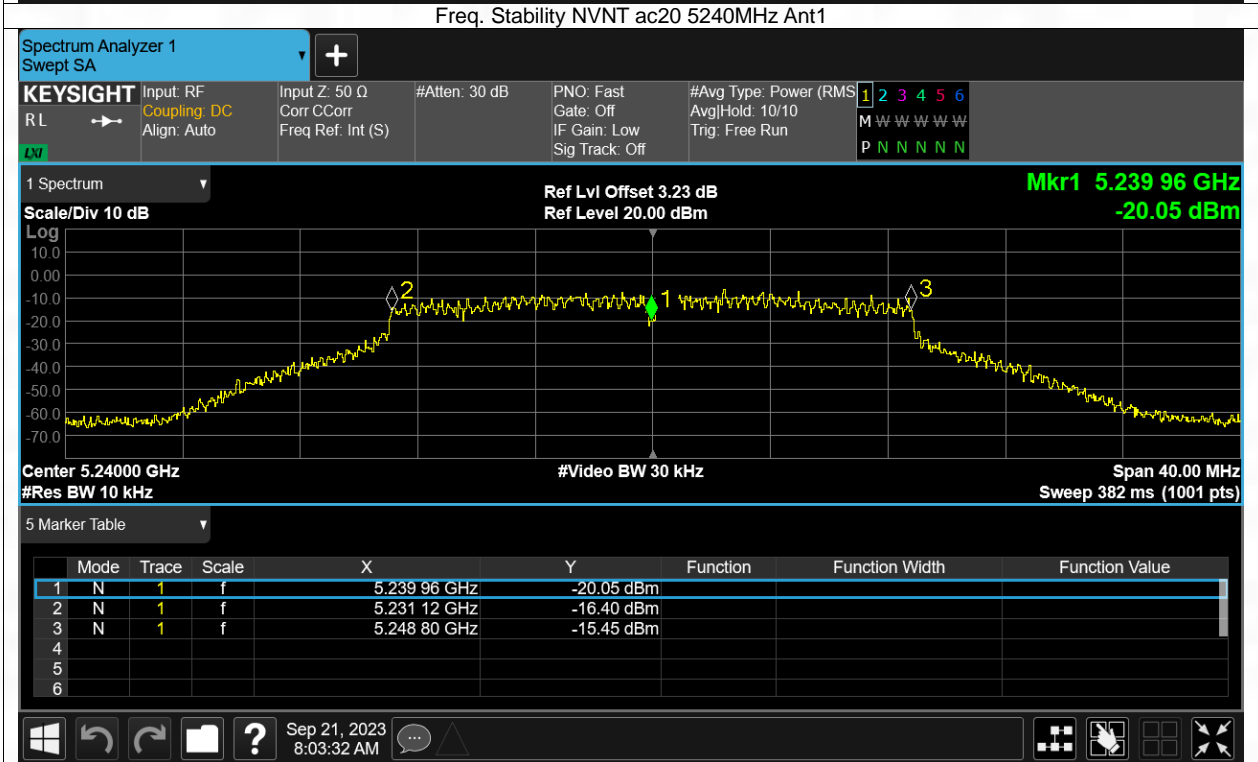
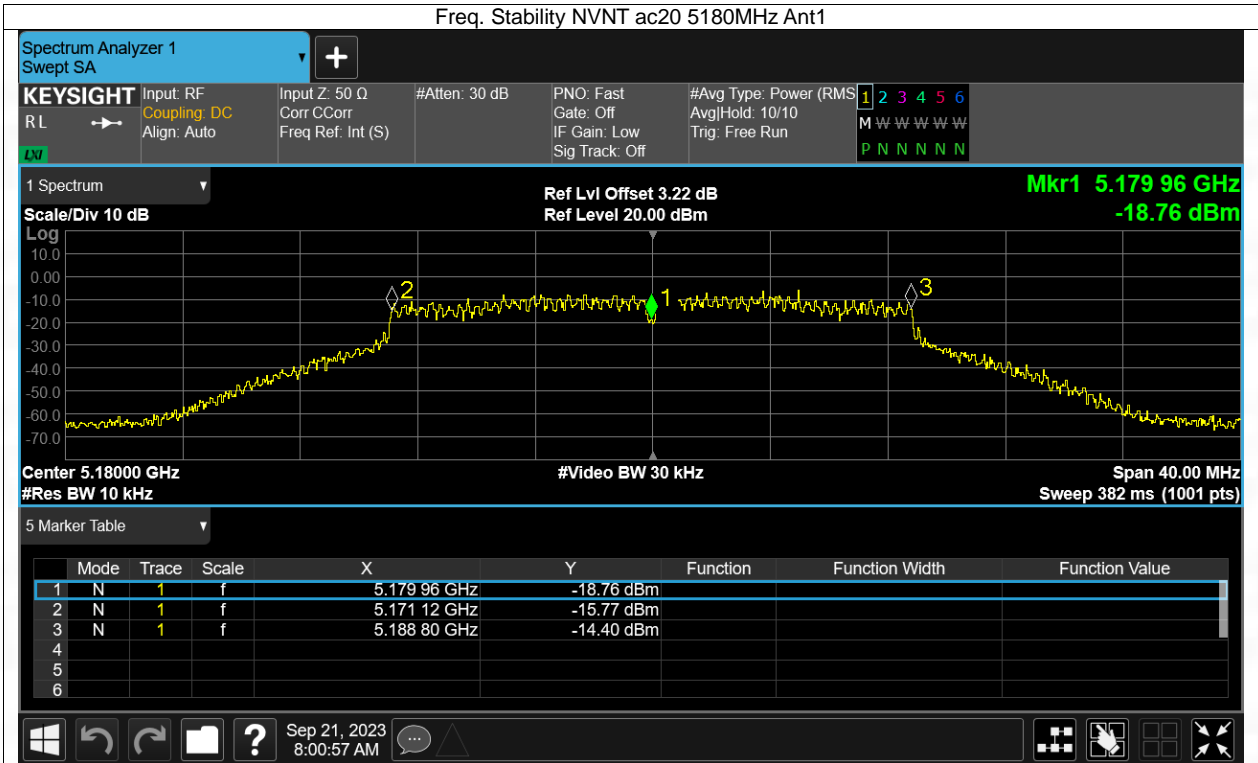


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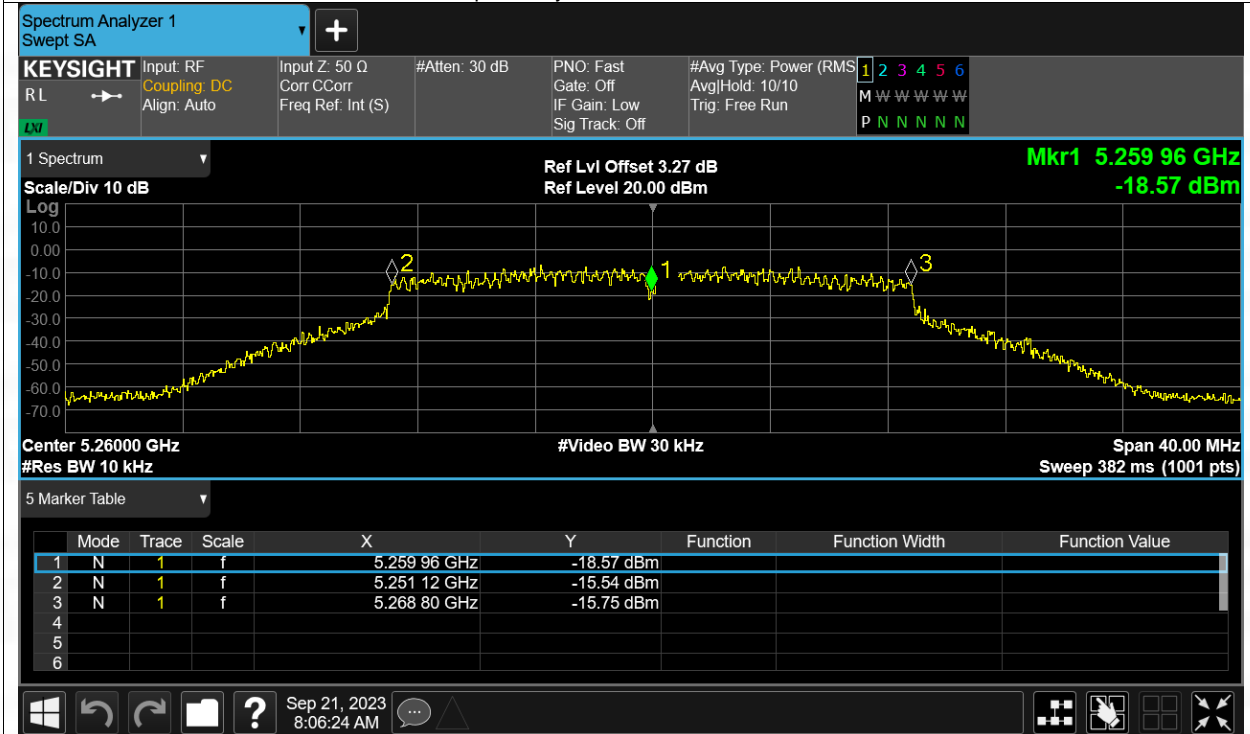


Freq. Stability NVNT n40 5795MHz Ant1

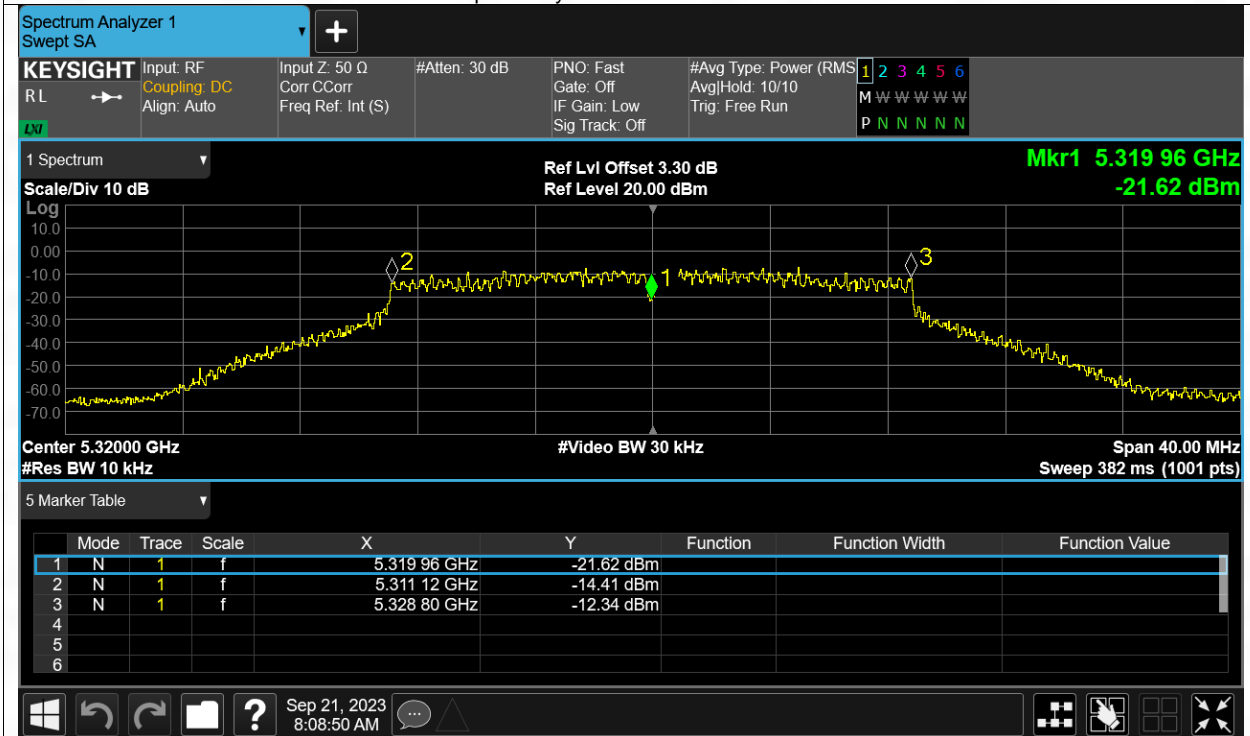




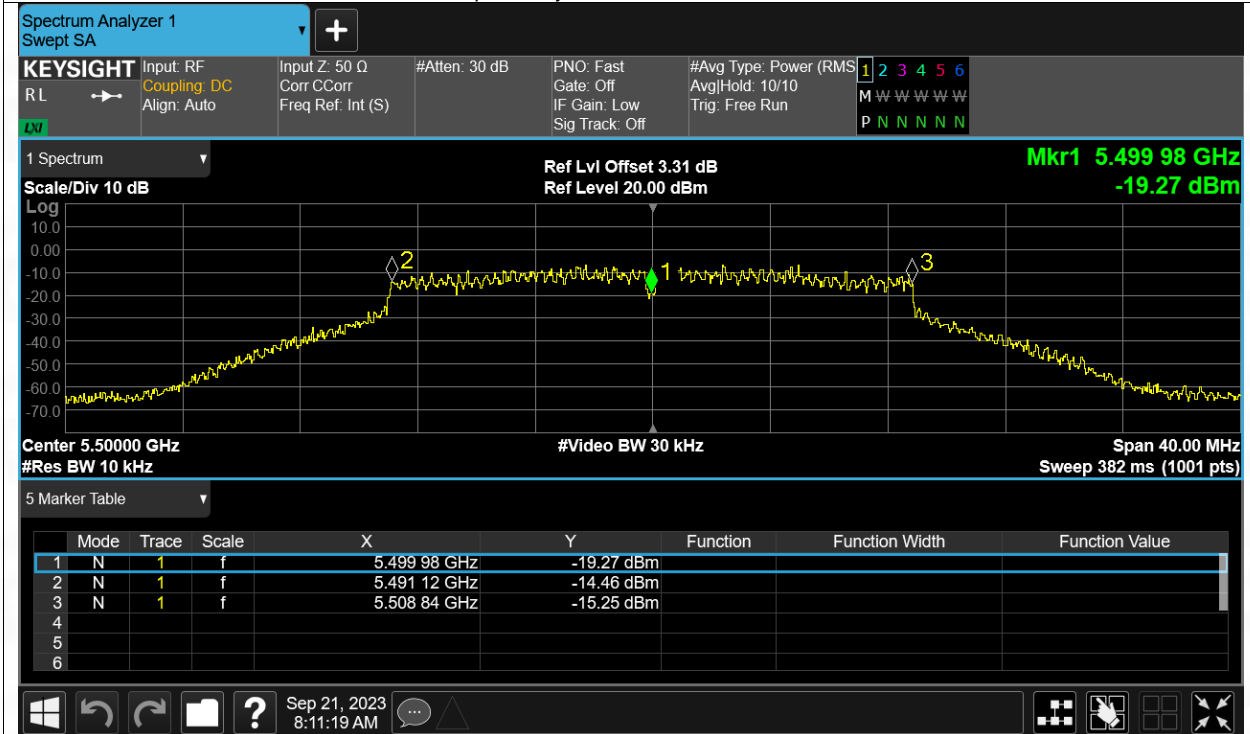
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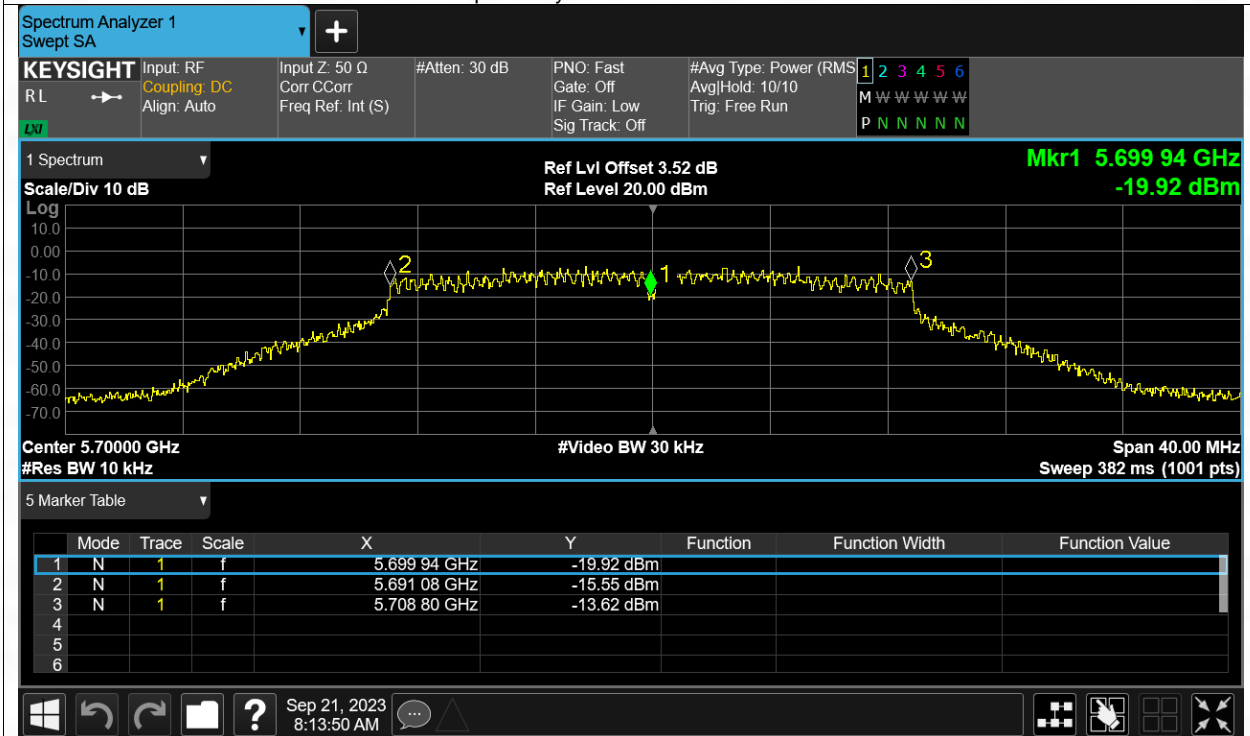
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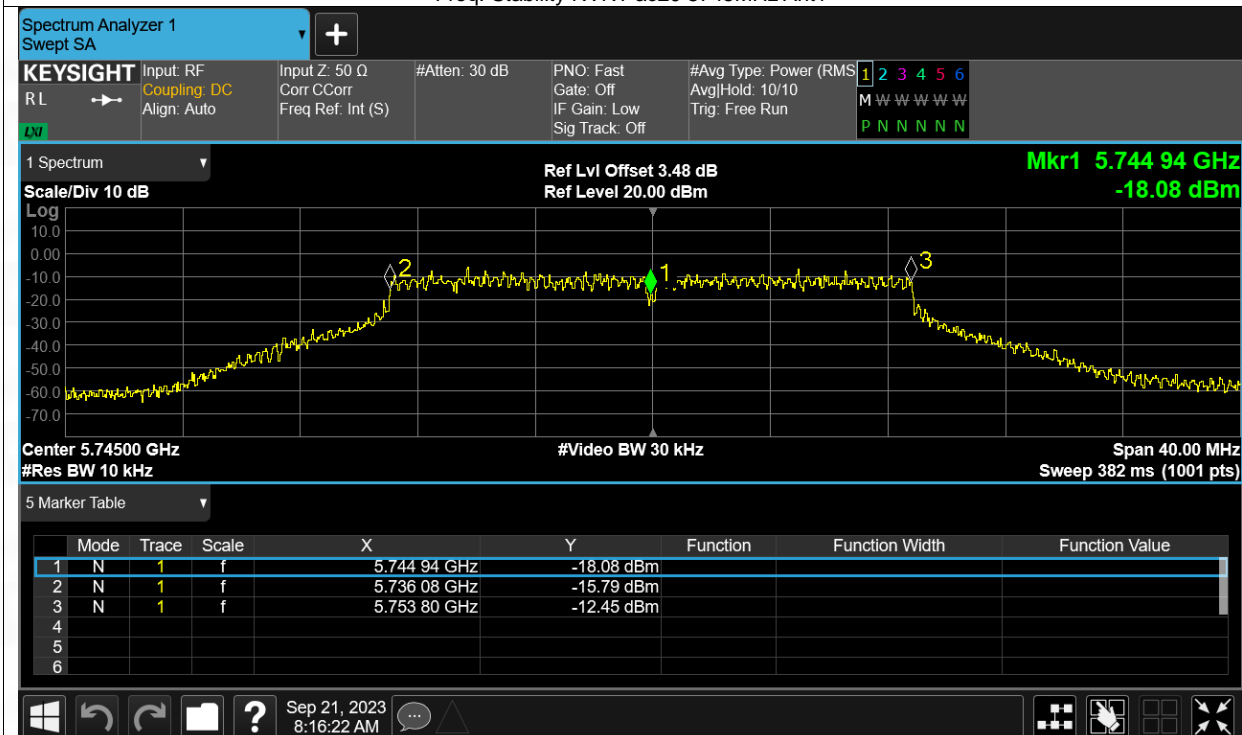
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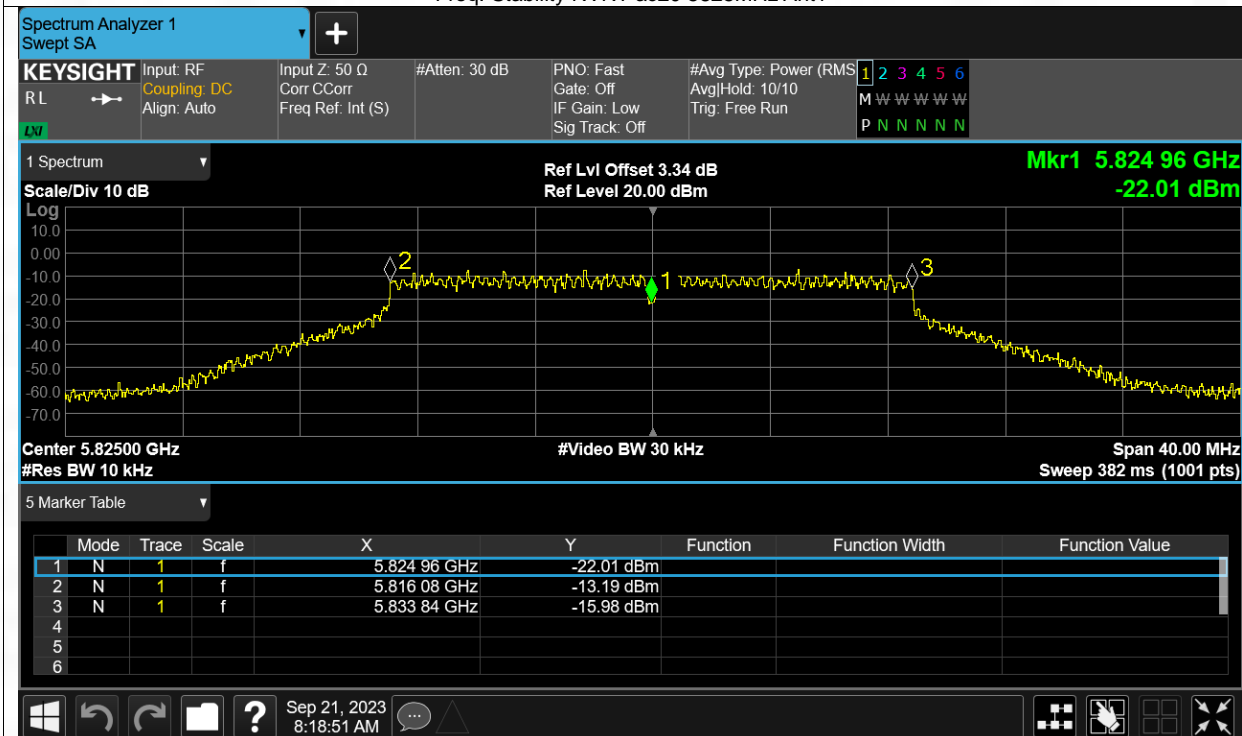
Freq. Stability NVNT ac20 5700MHz Ant1



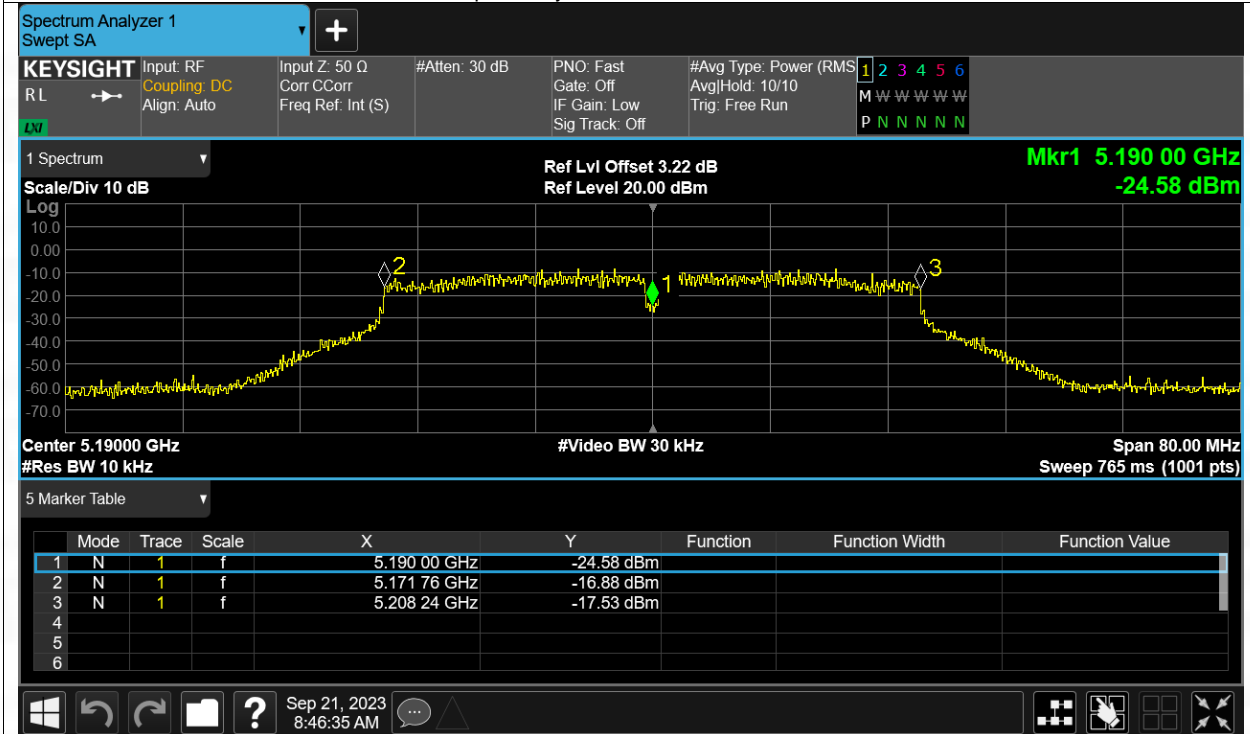
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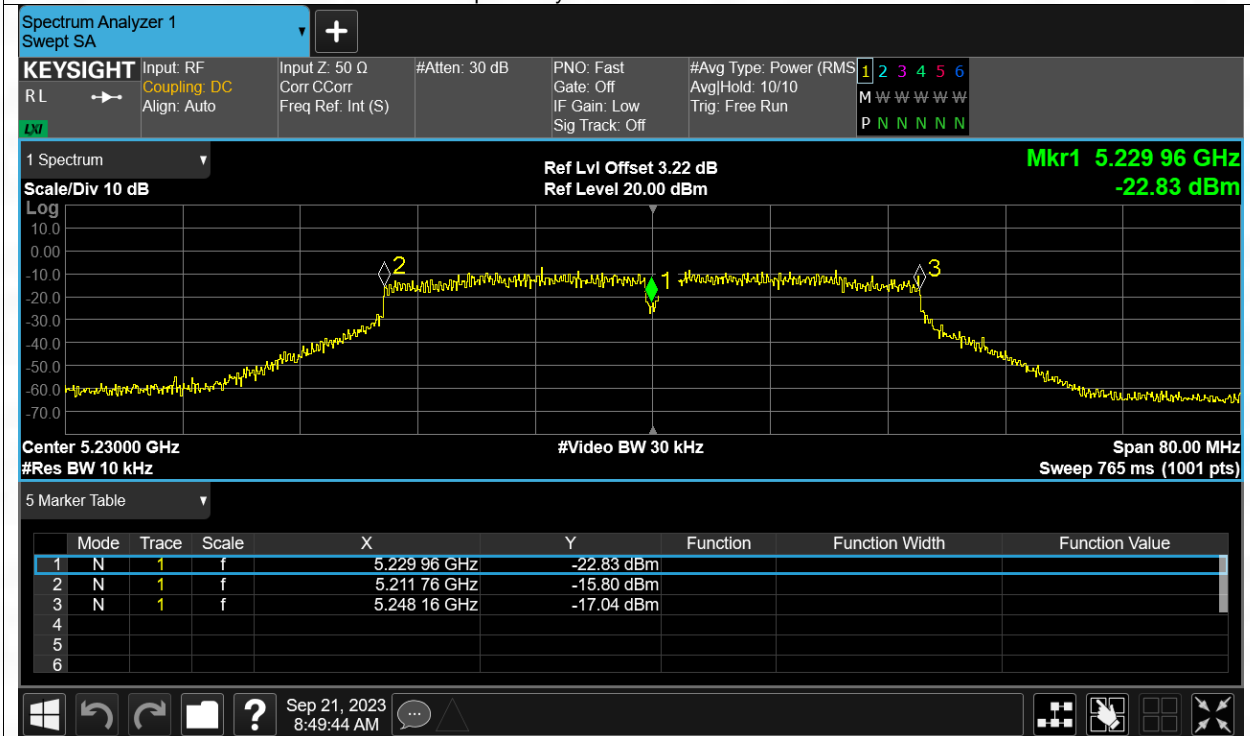
Freq. Stability NVNT ac20 5825MHz Ant1



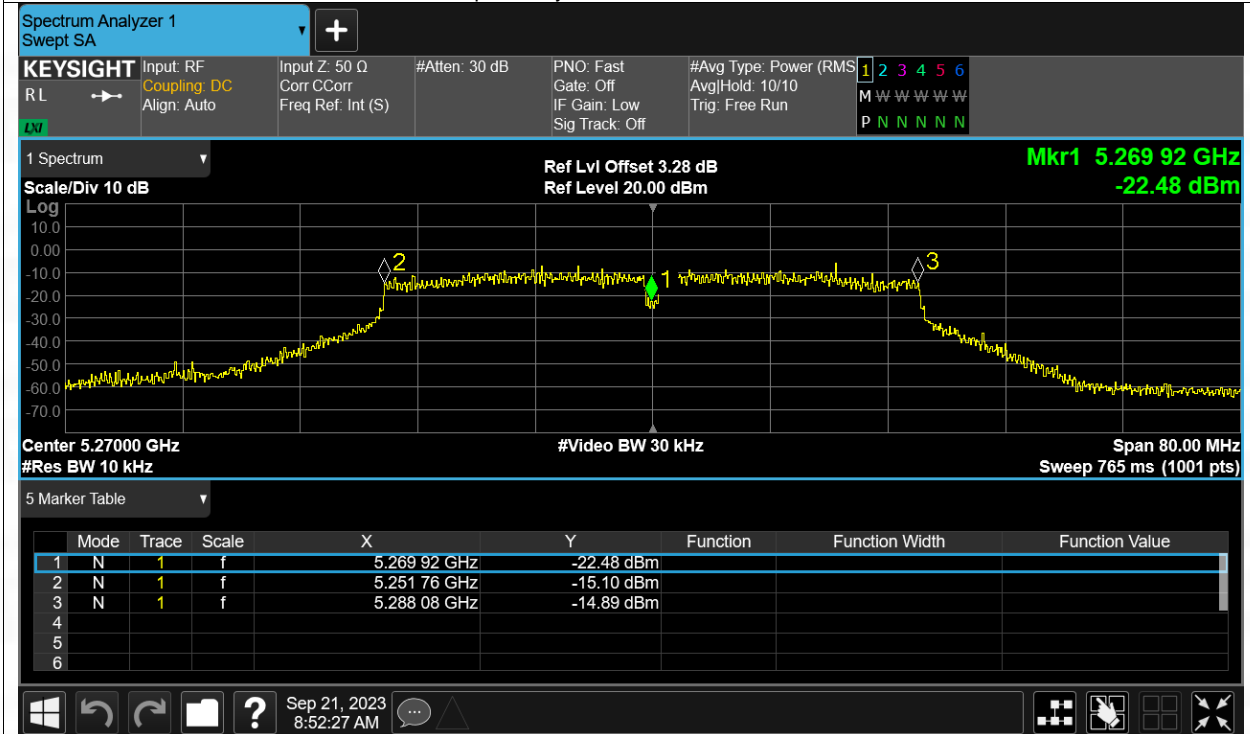
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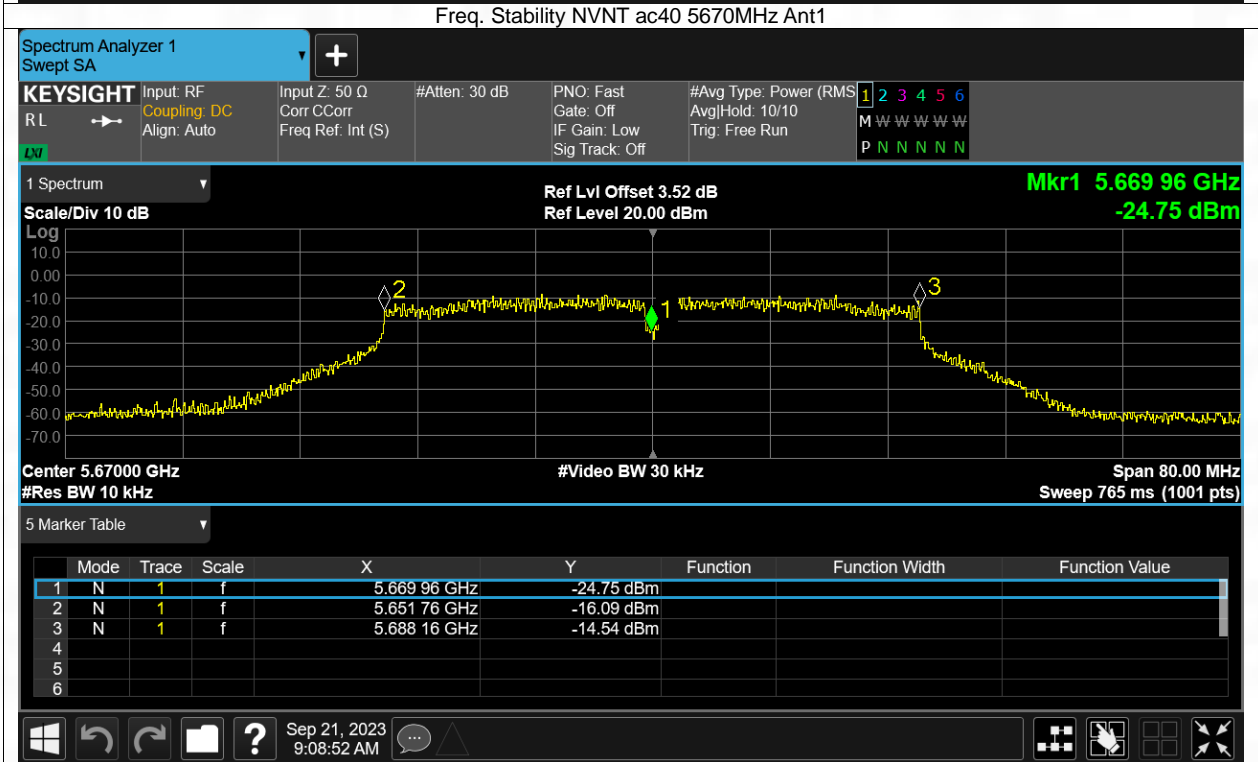
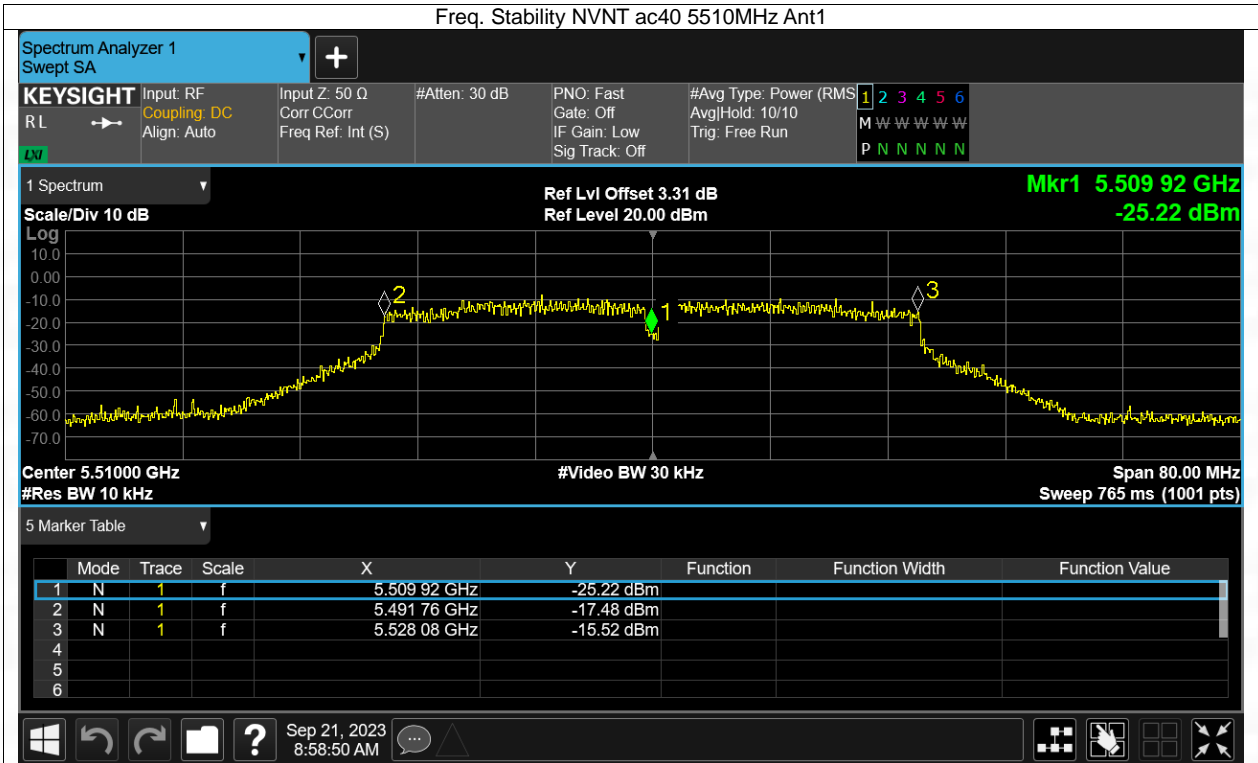


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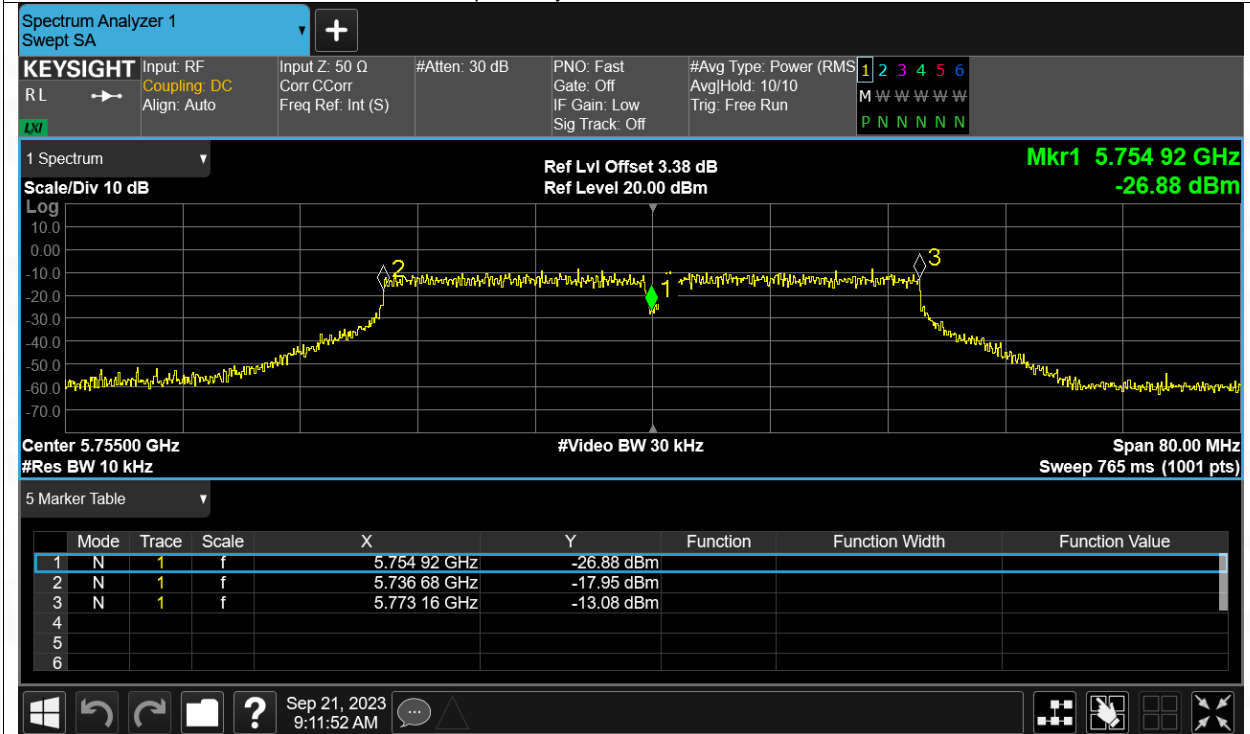


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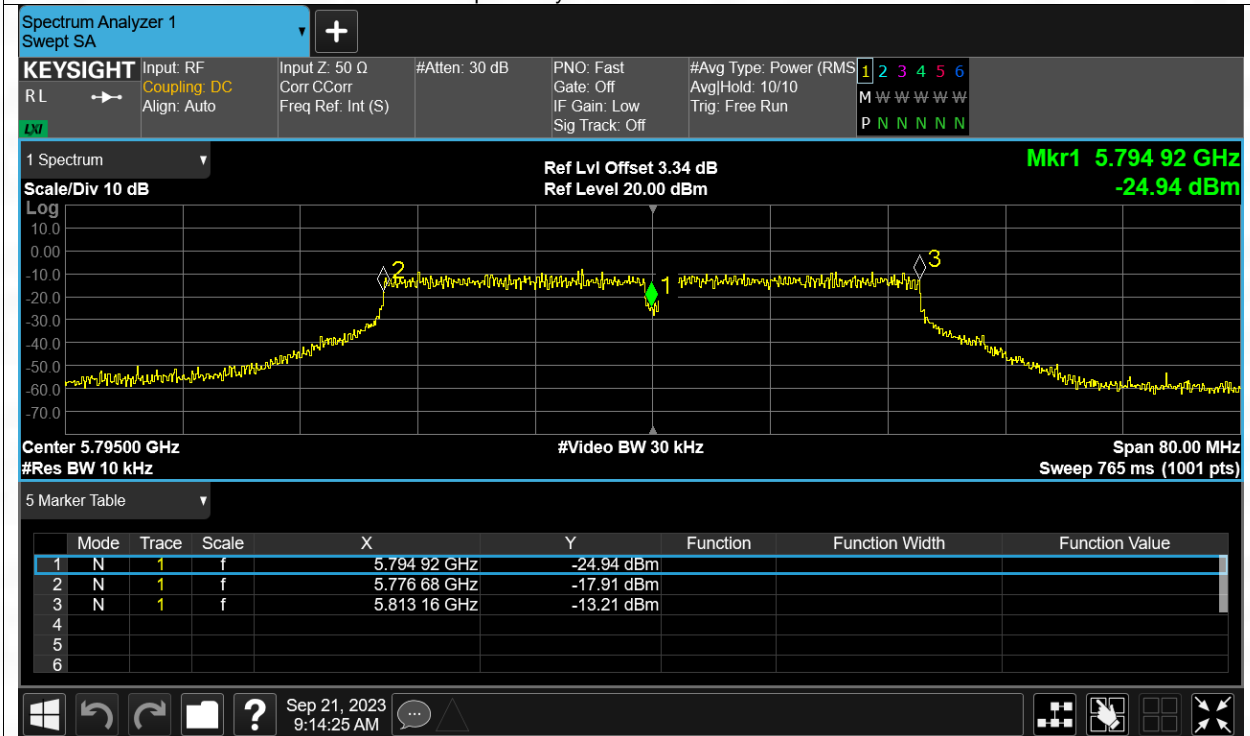


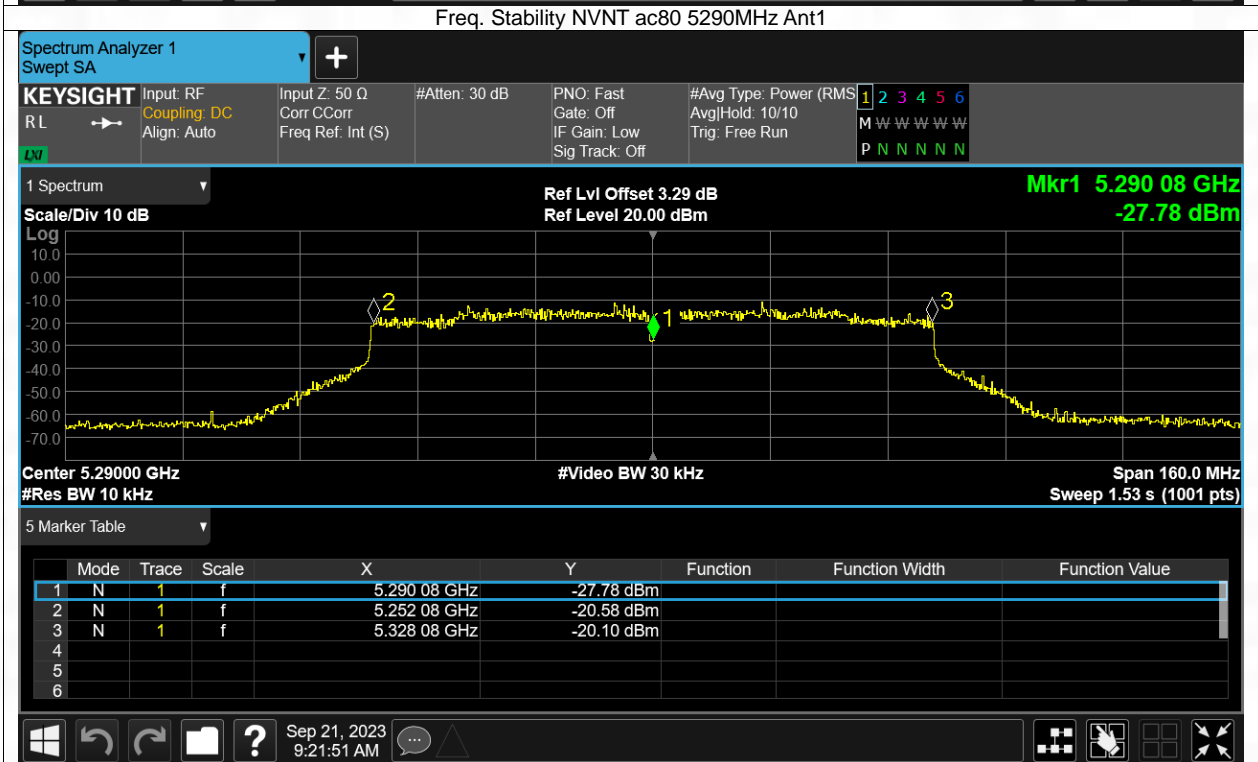
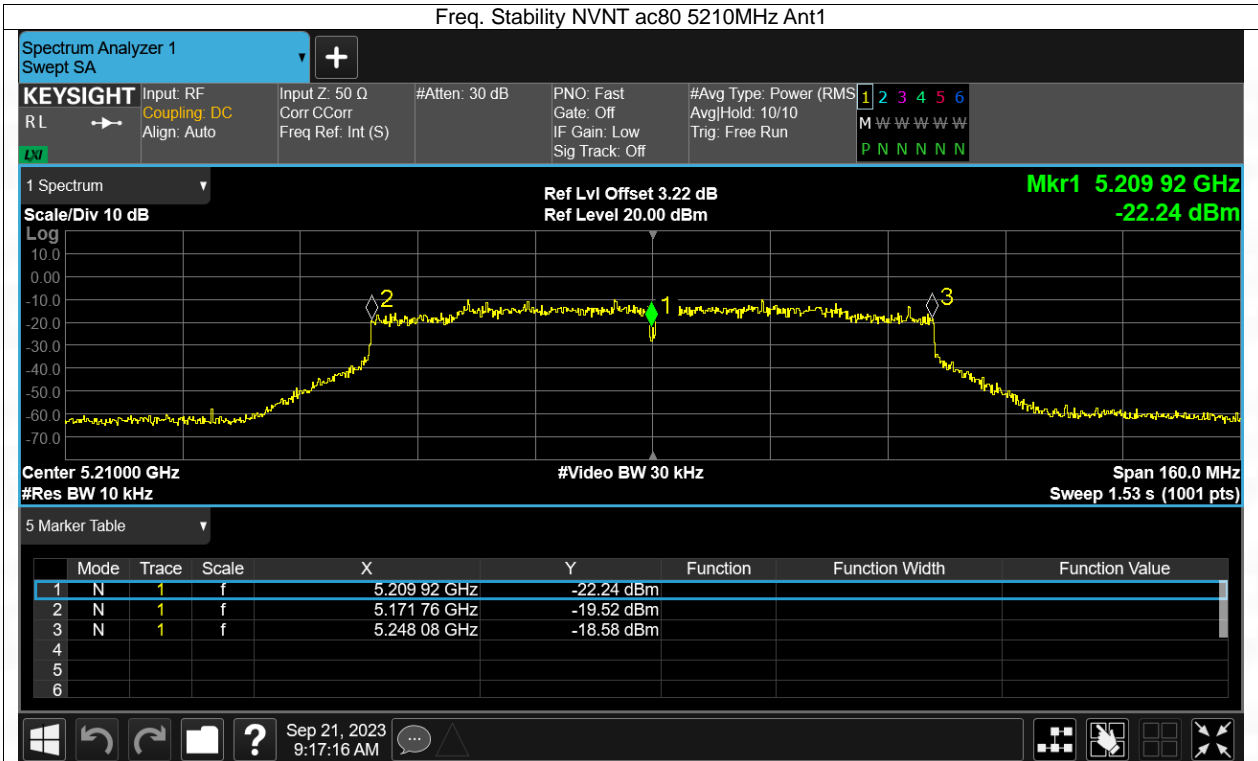


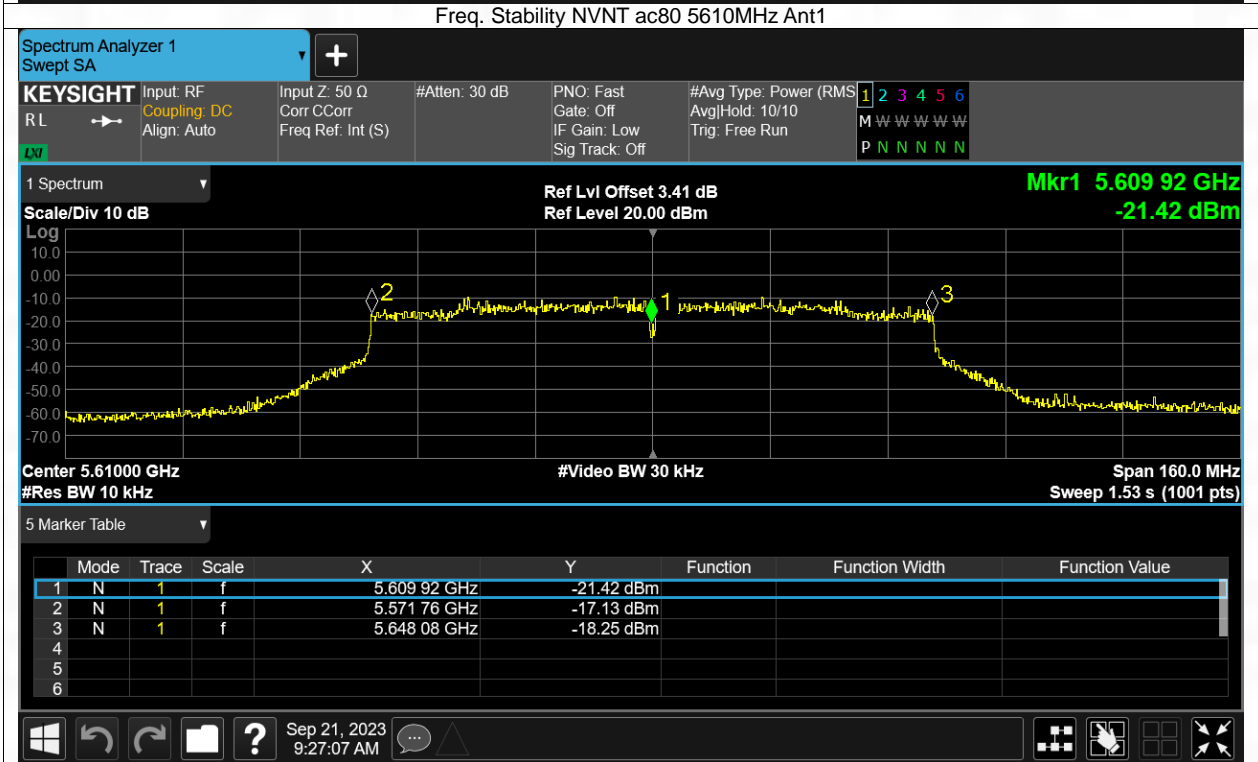
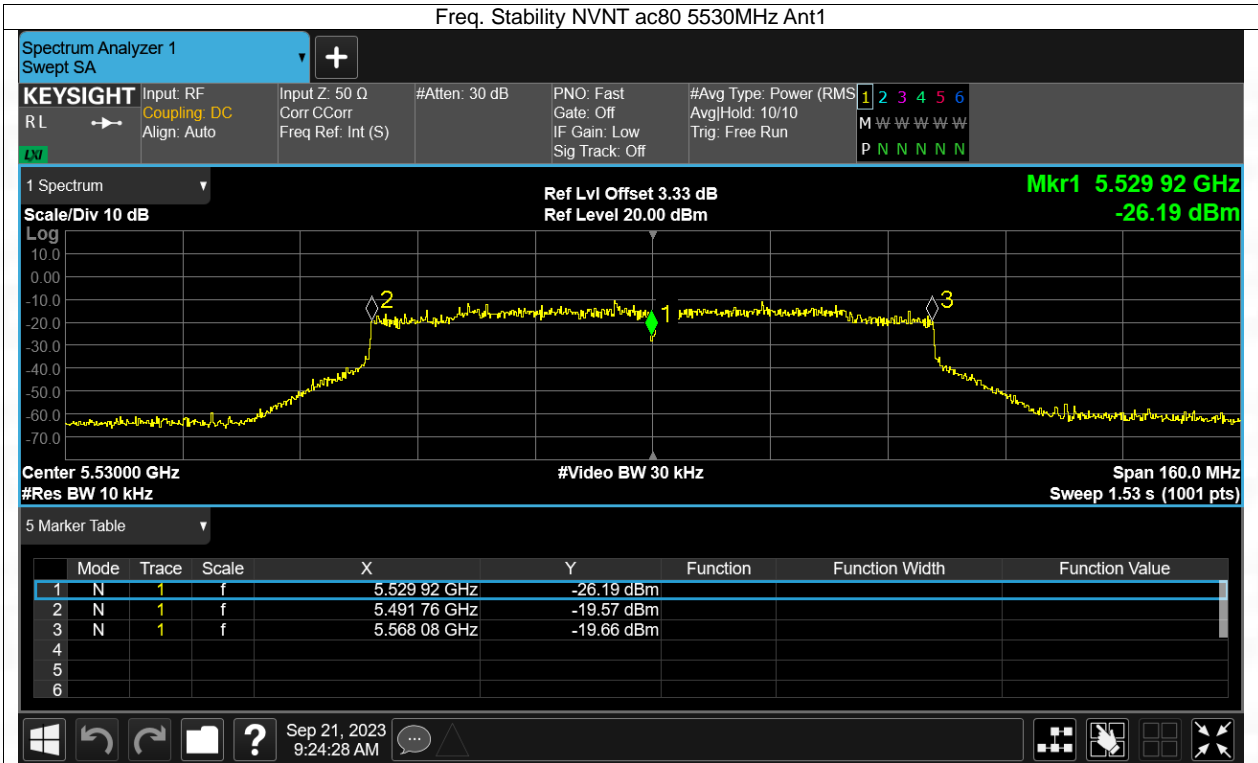
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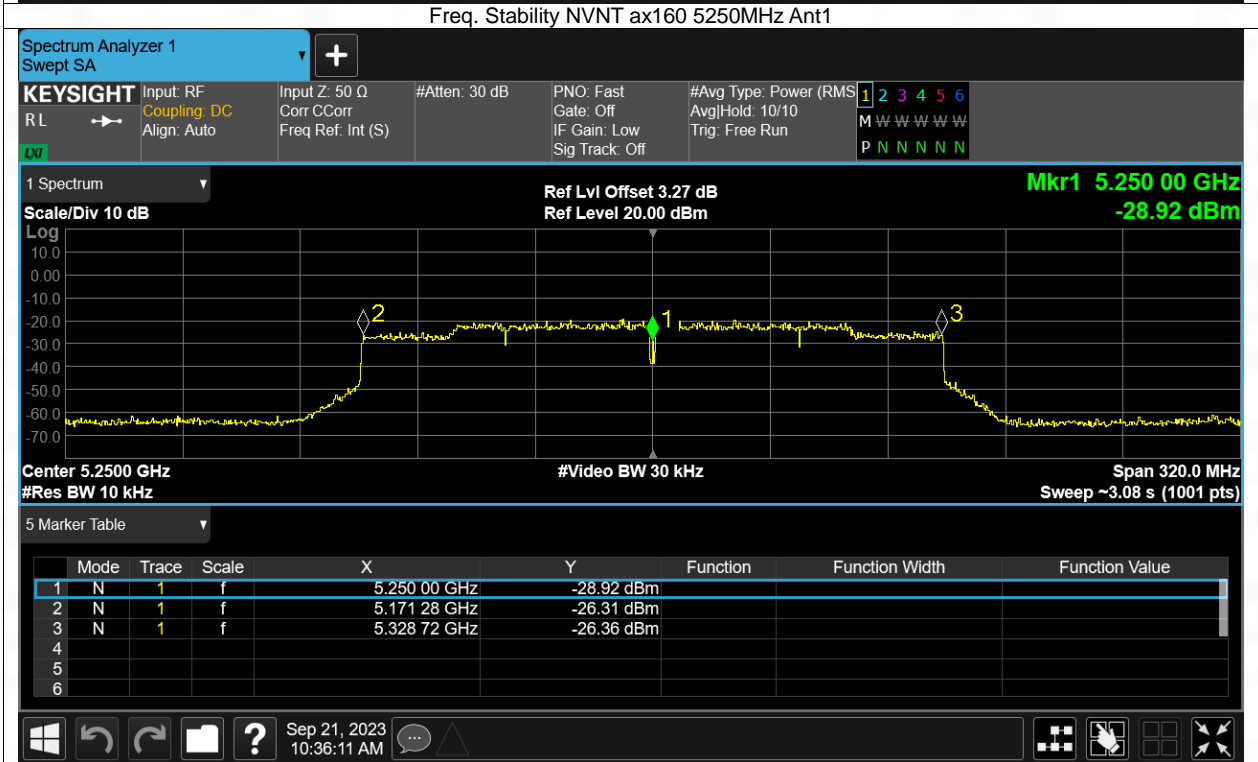
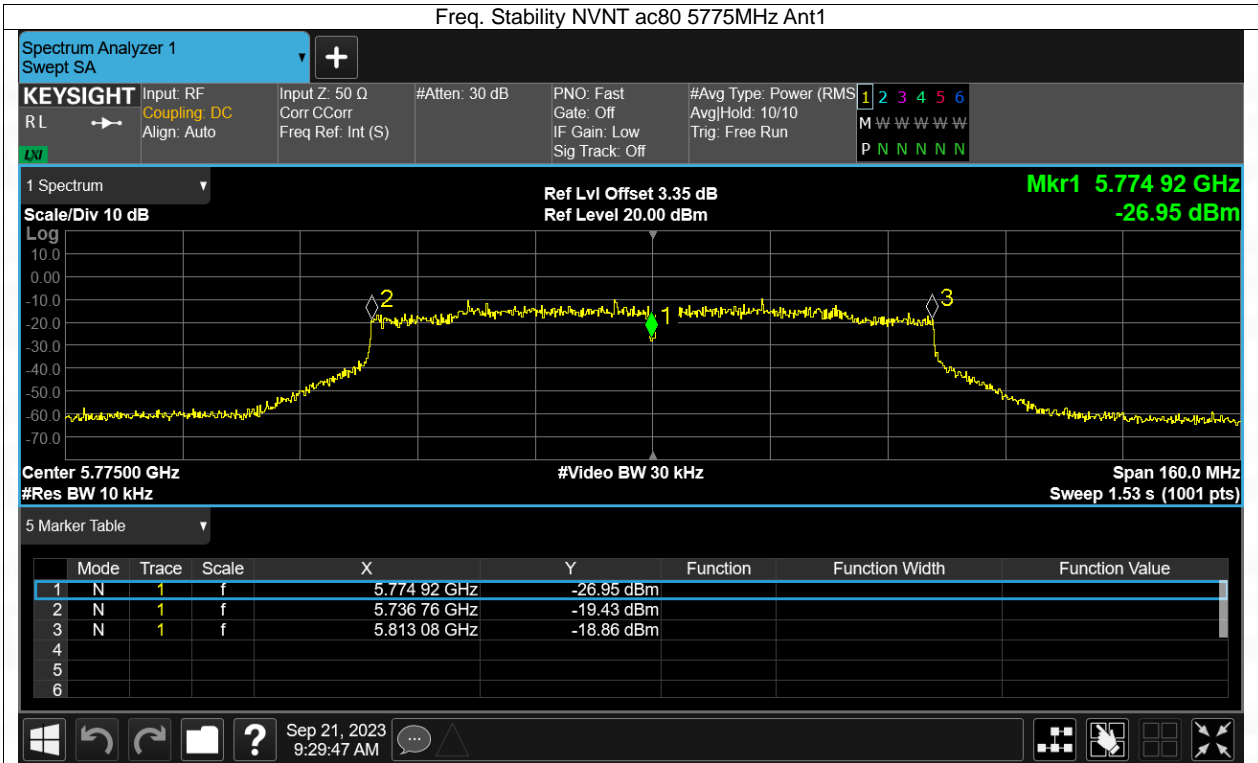


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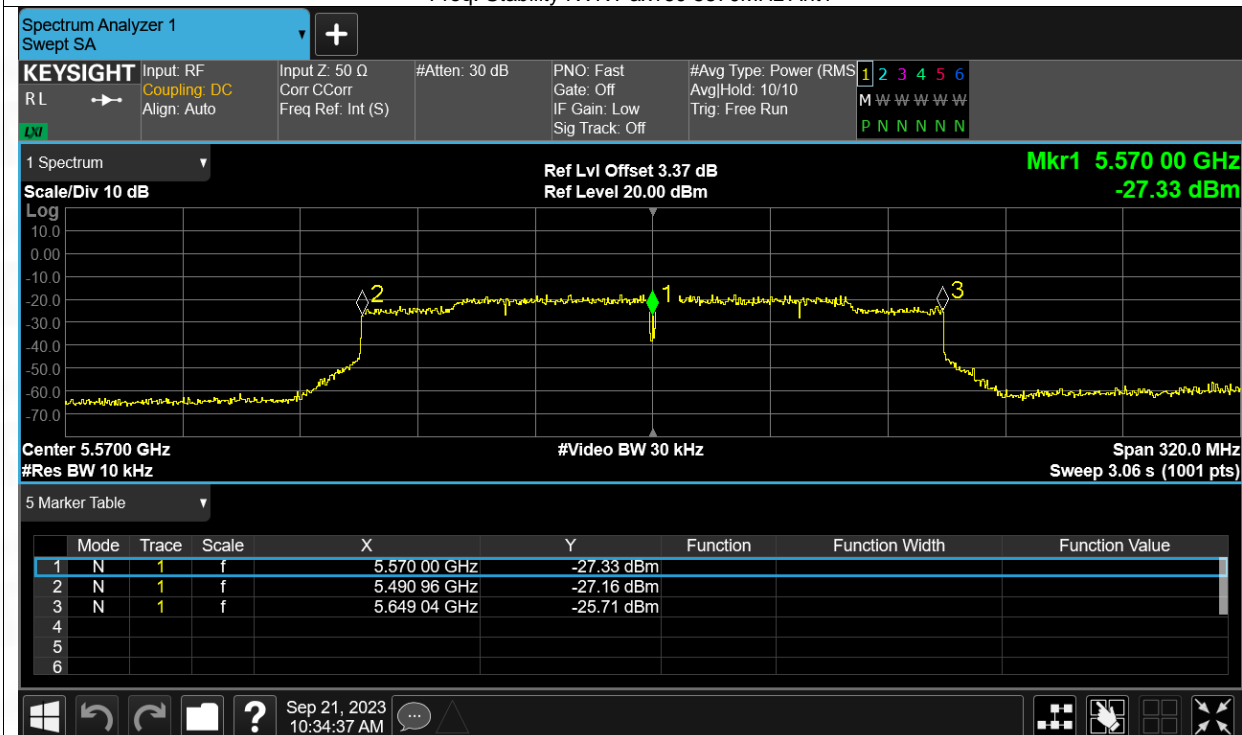




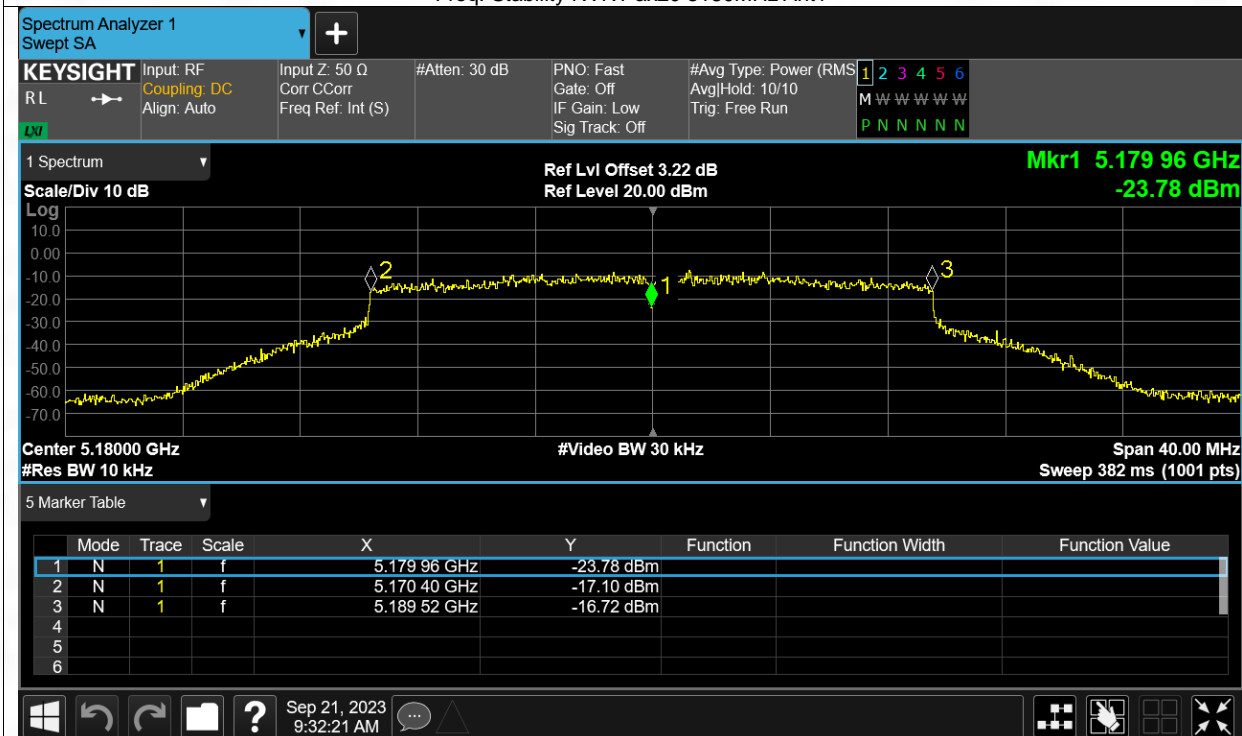


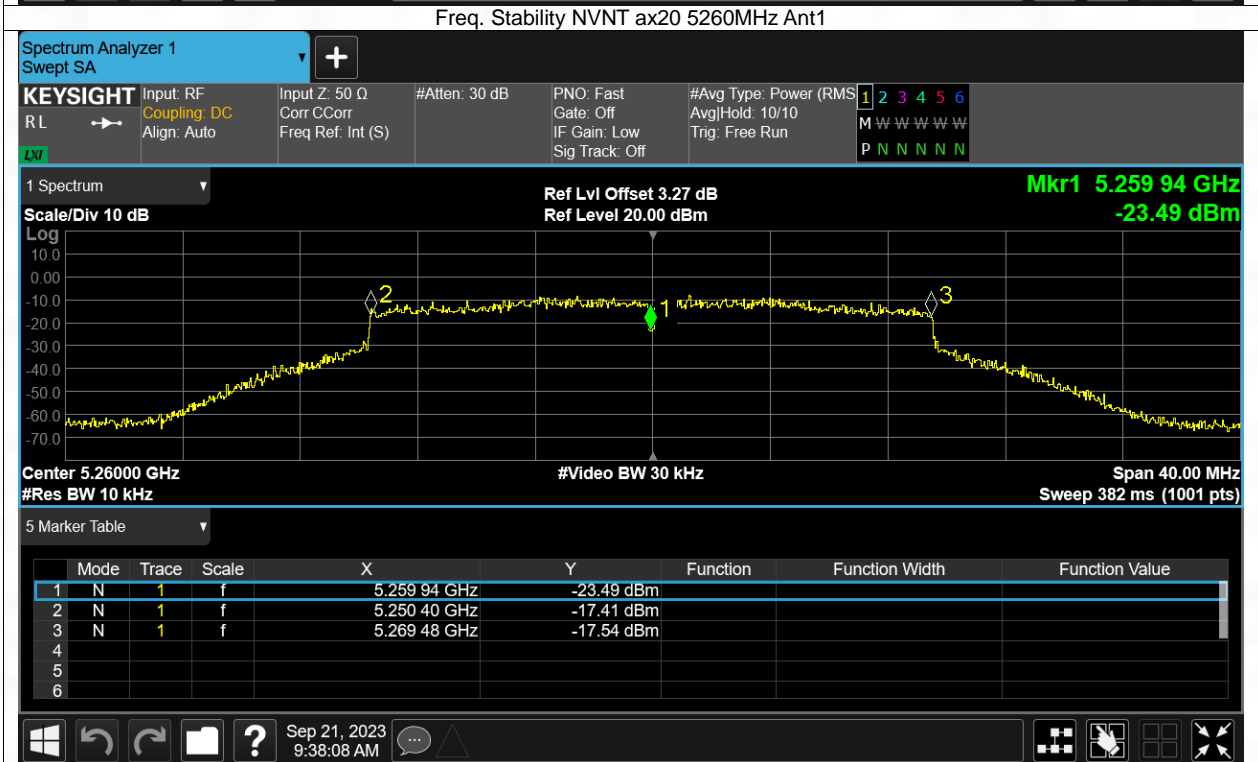
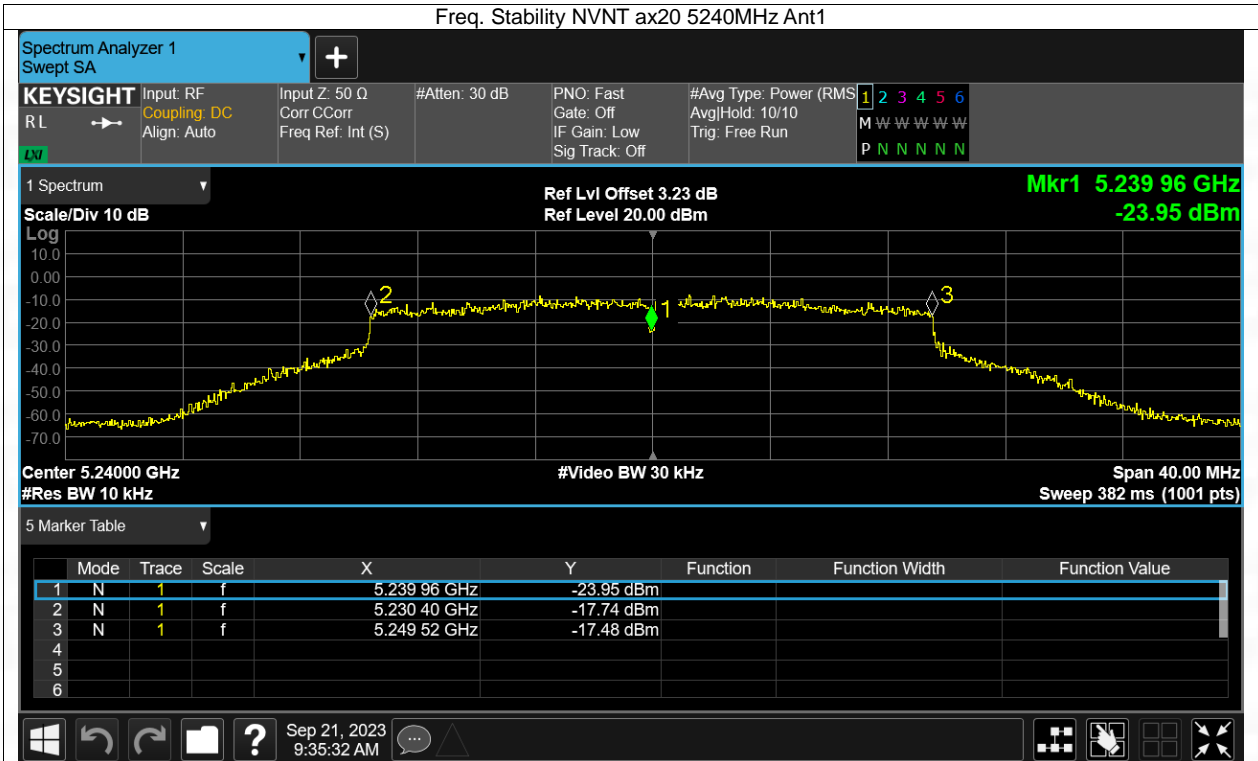


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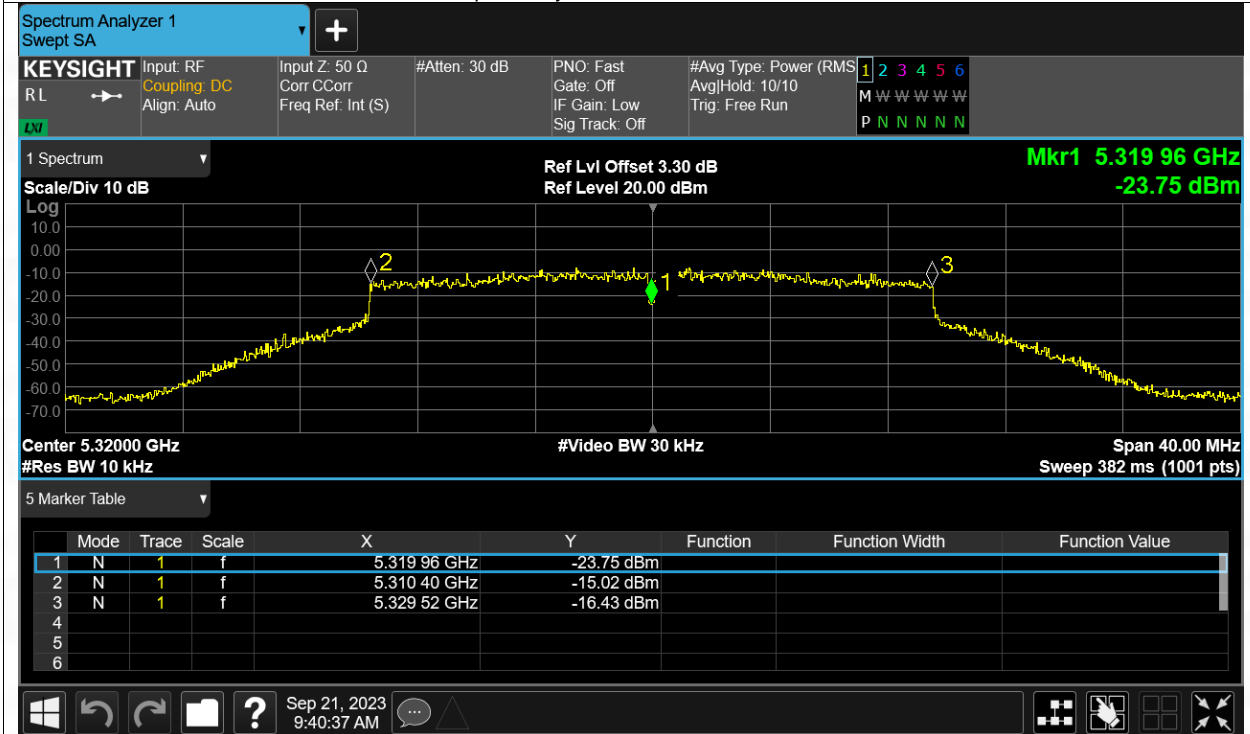


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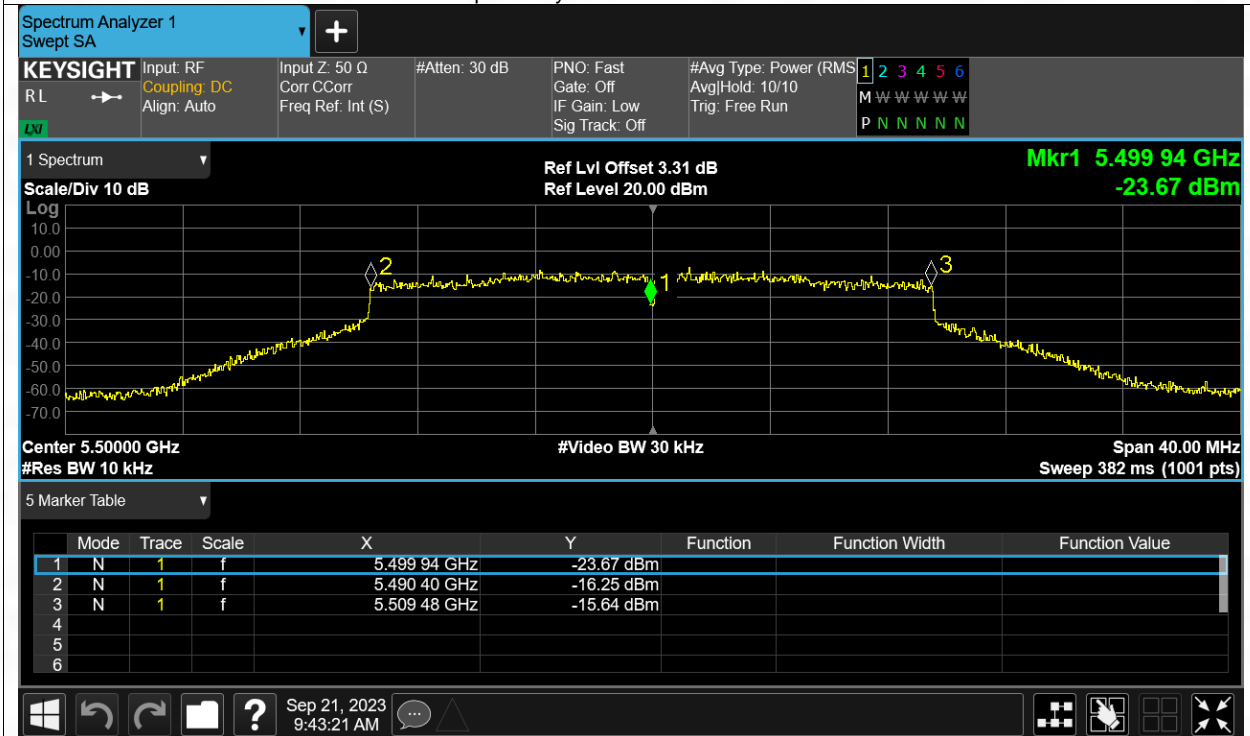


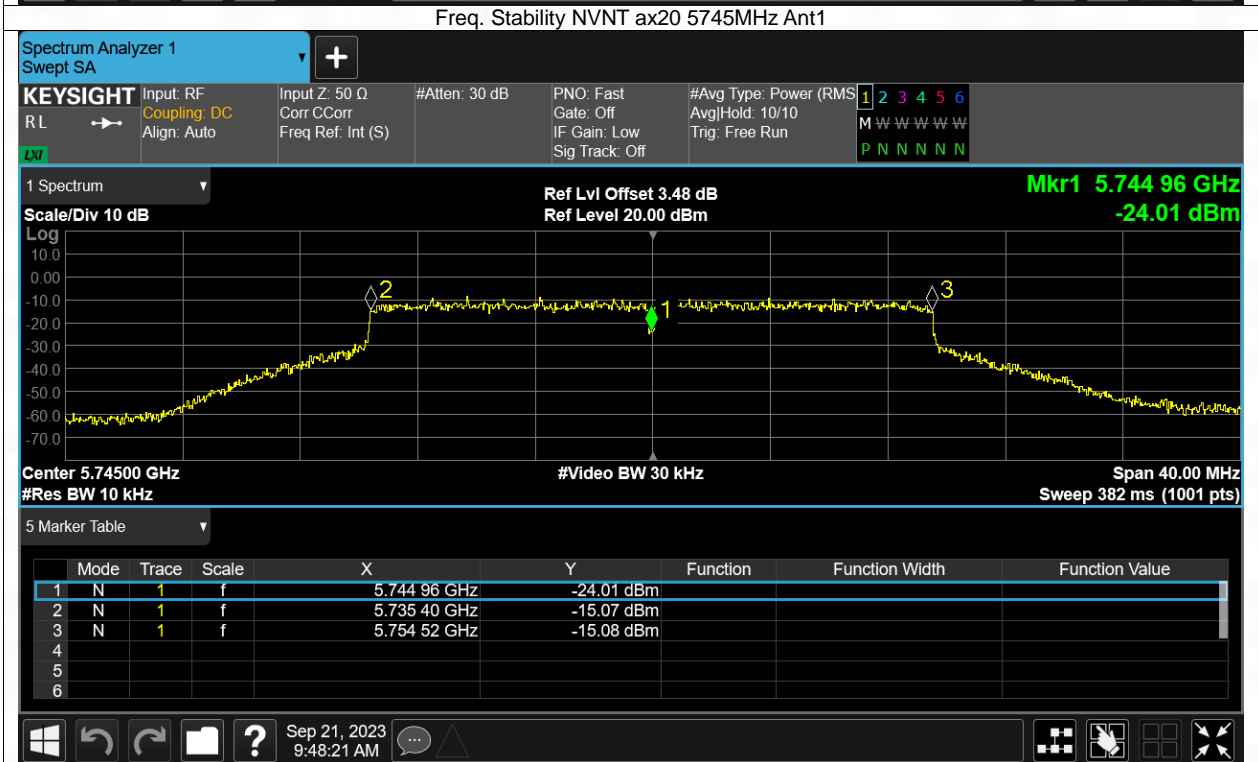
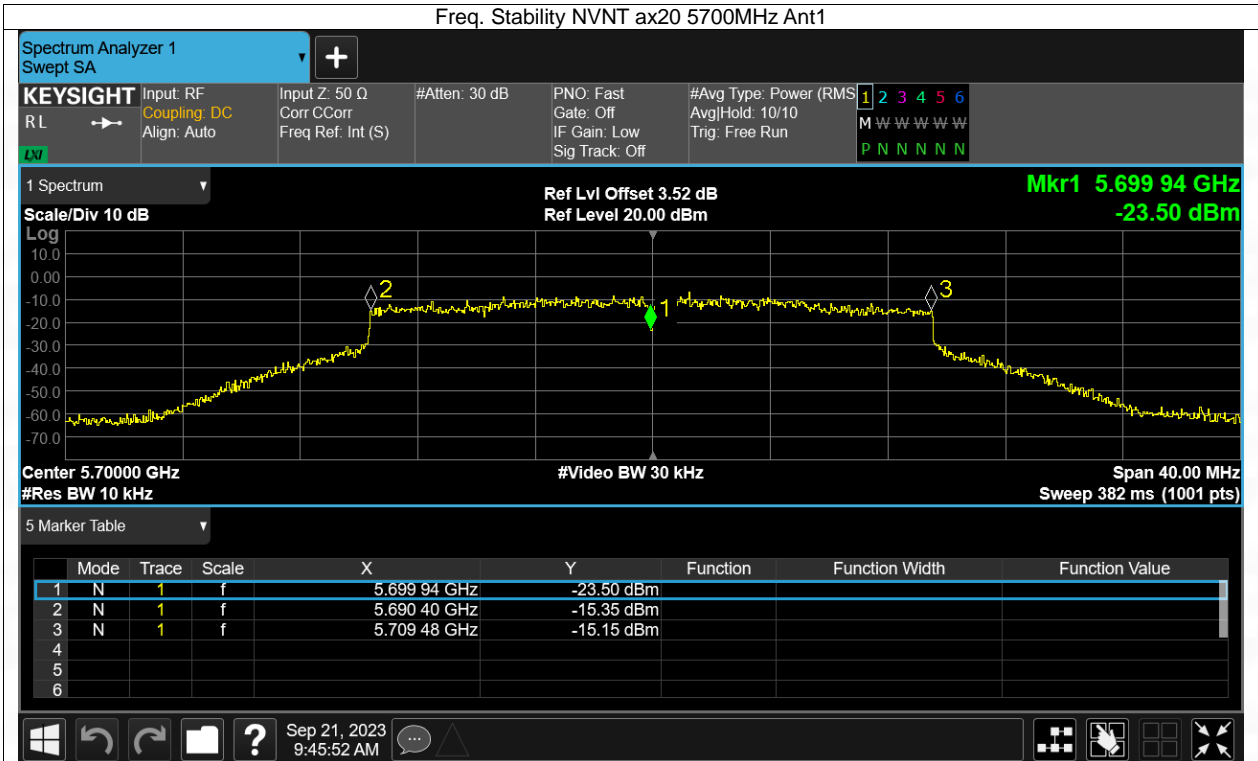


Freq. Stability NVNT ax20 5320MHz Ant1

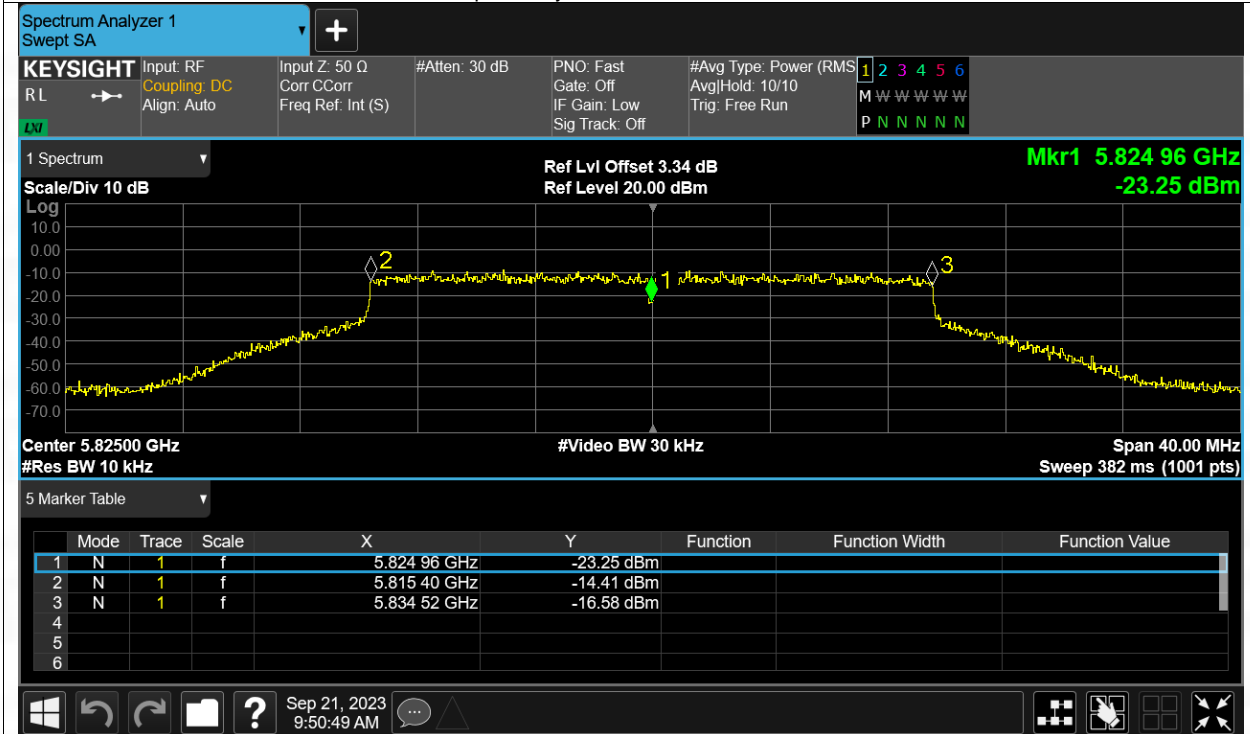


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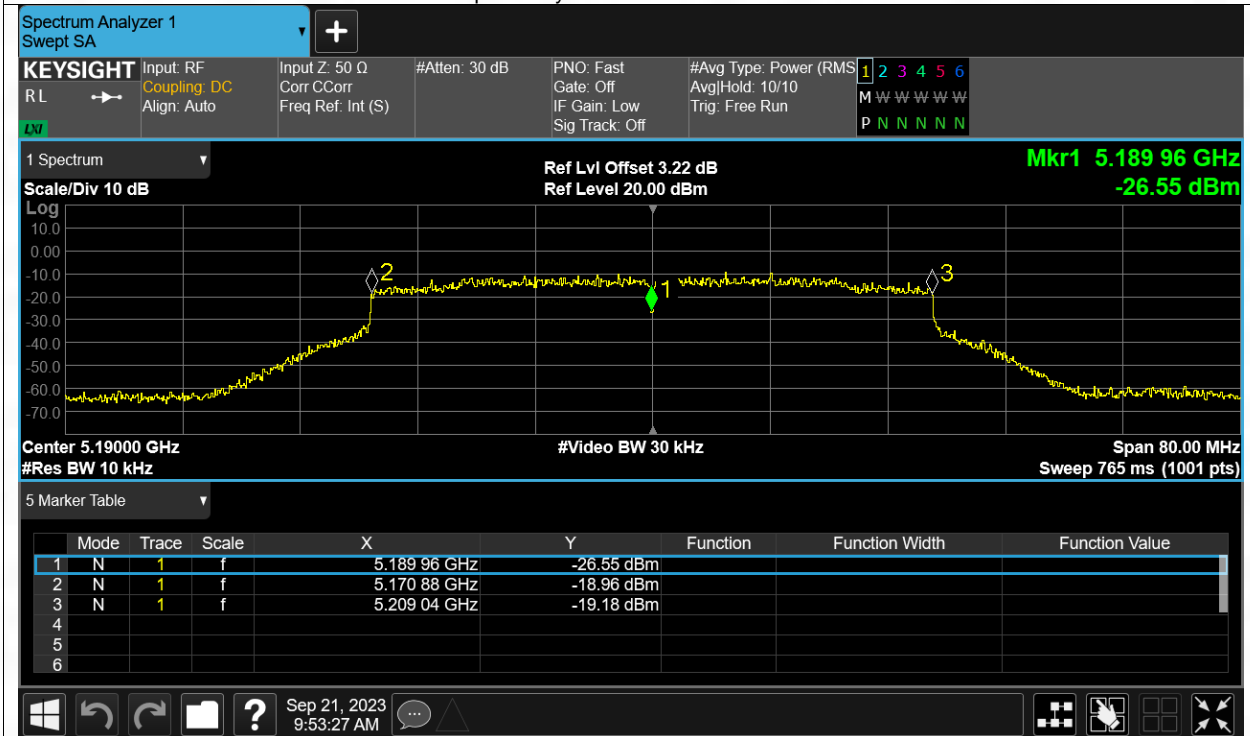


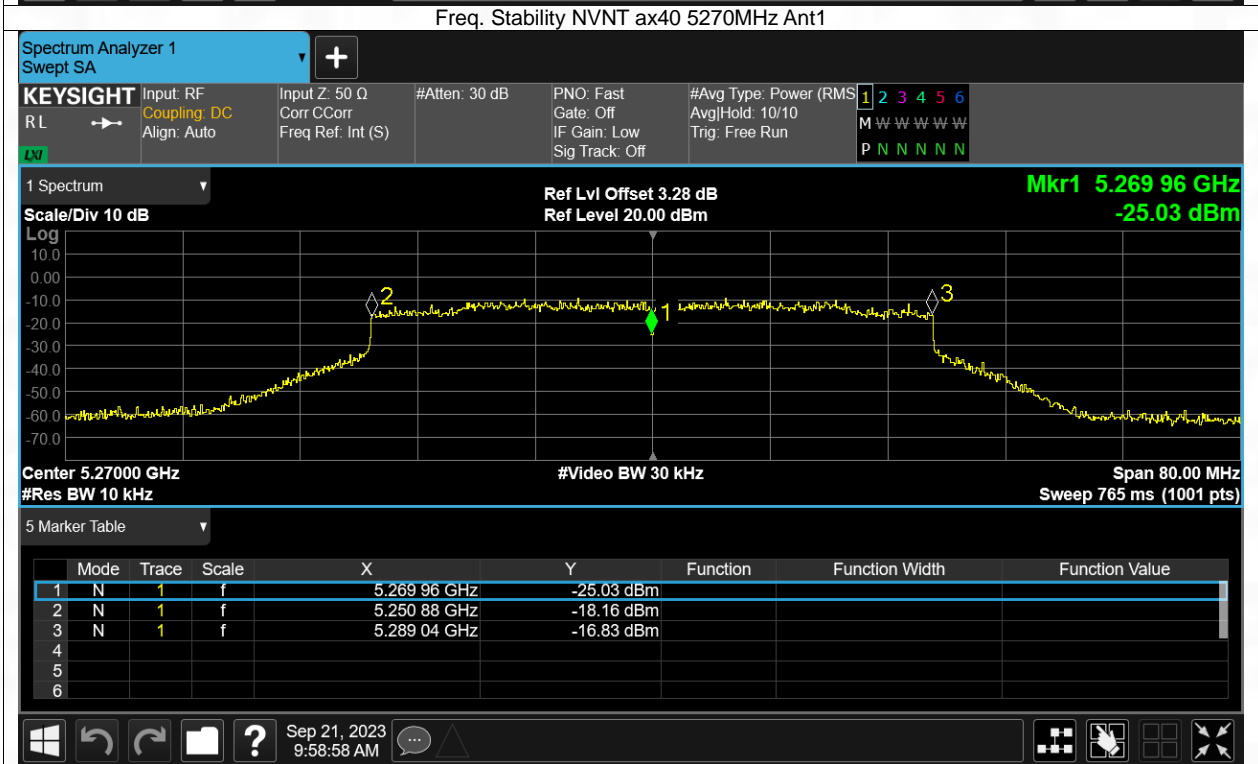
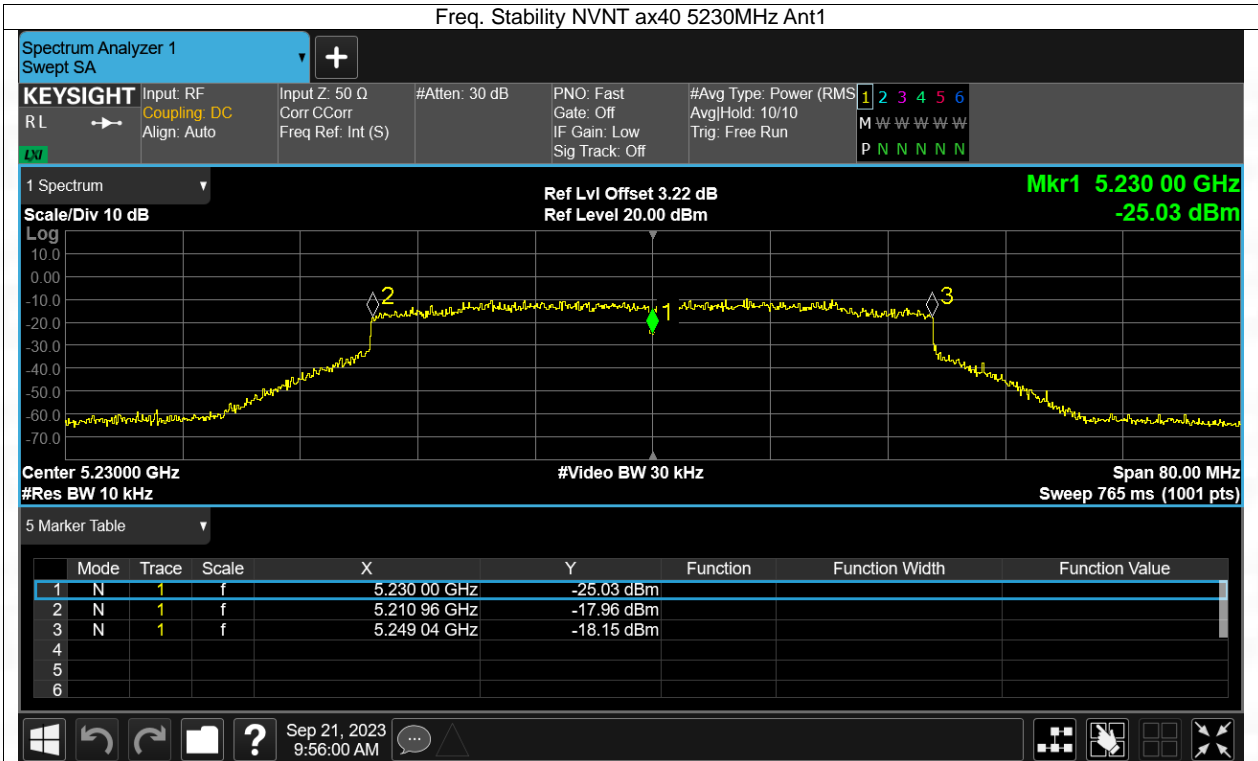


Freq. Stability NVNT ax20 5825MHz Ant1

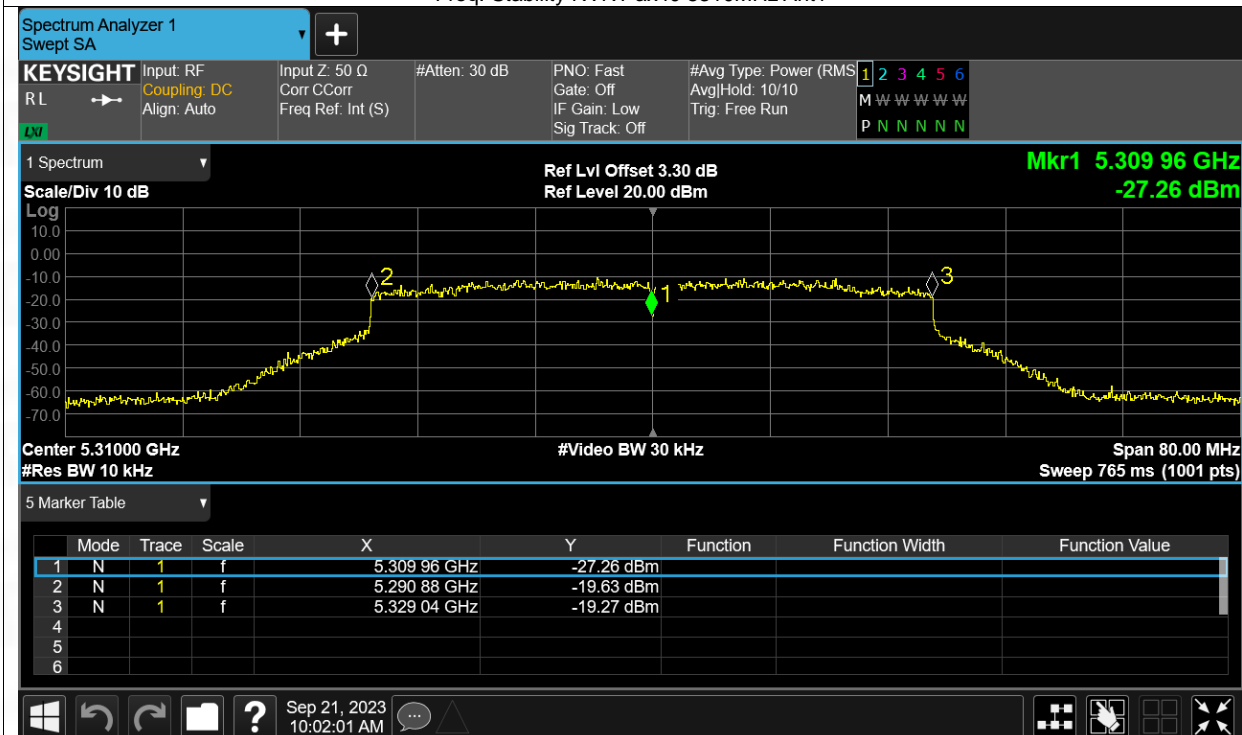


Freq. Stability NVNT ax40 5190MHz Ant1

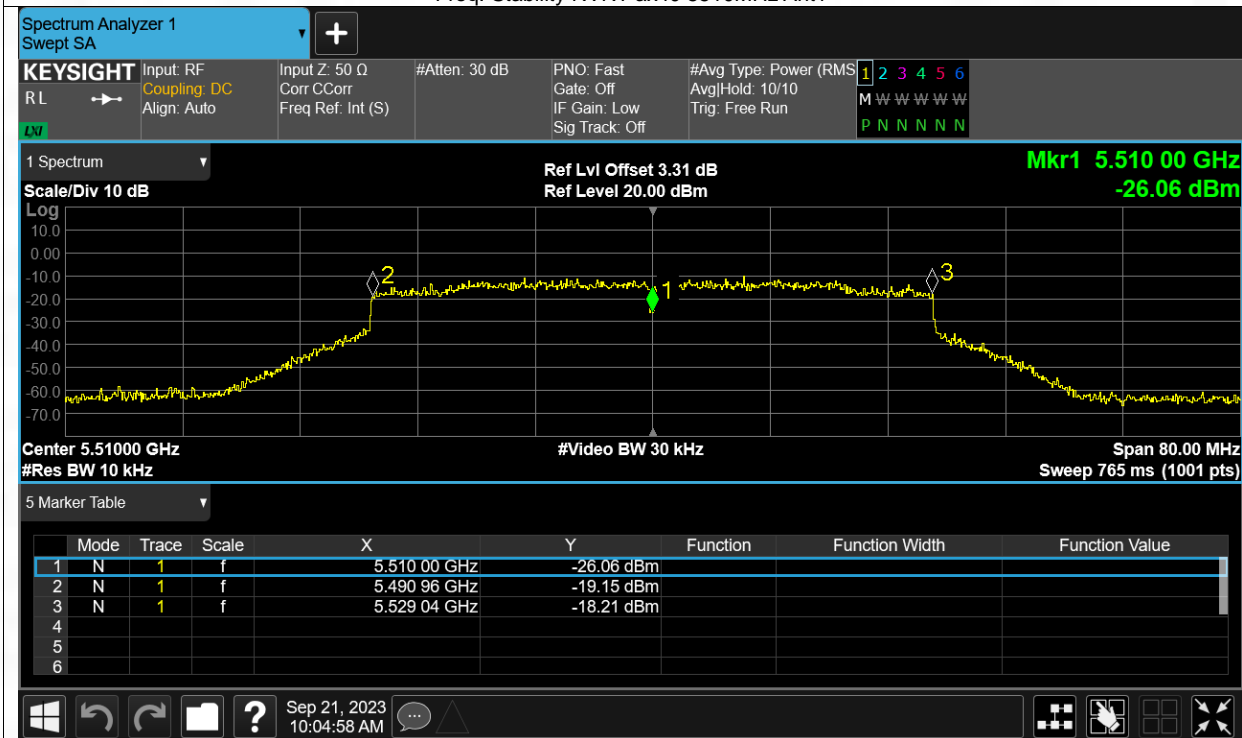


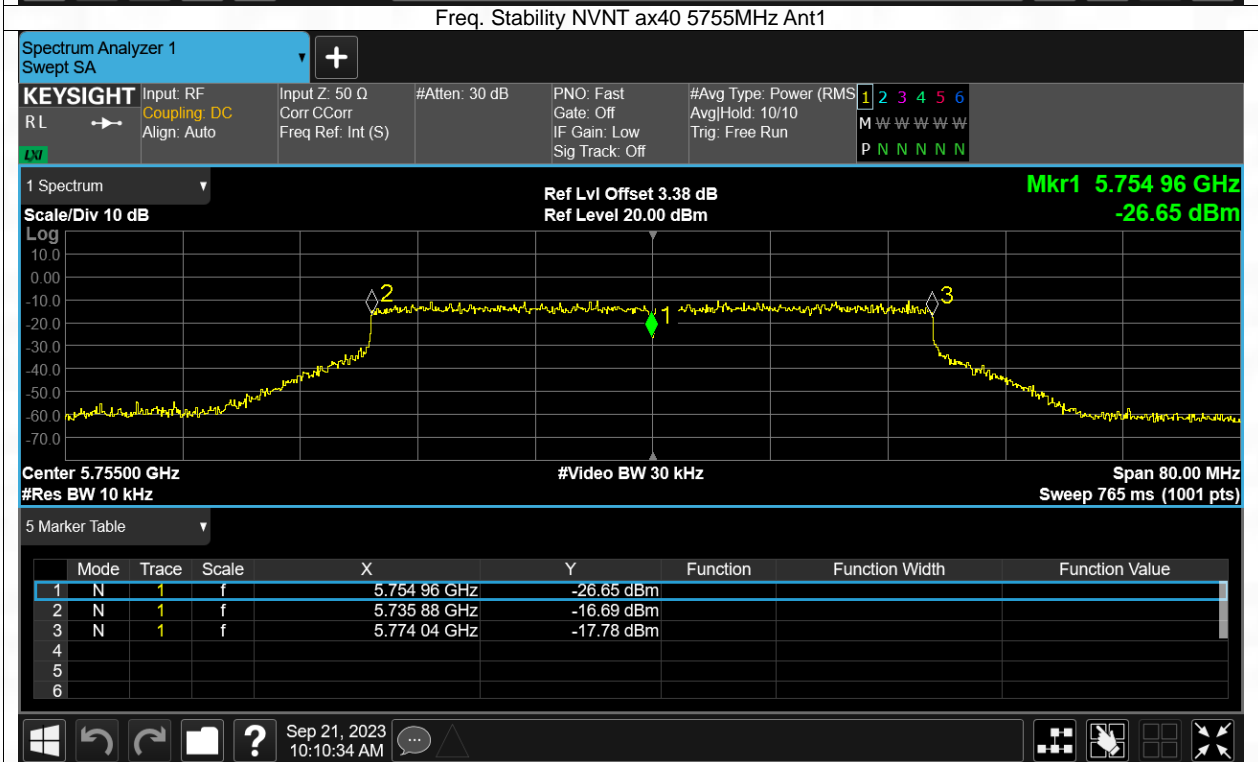
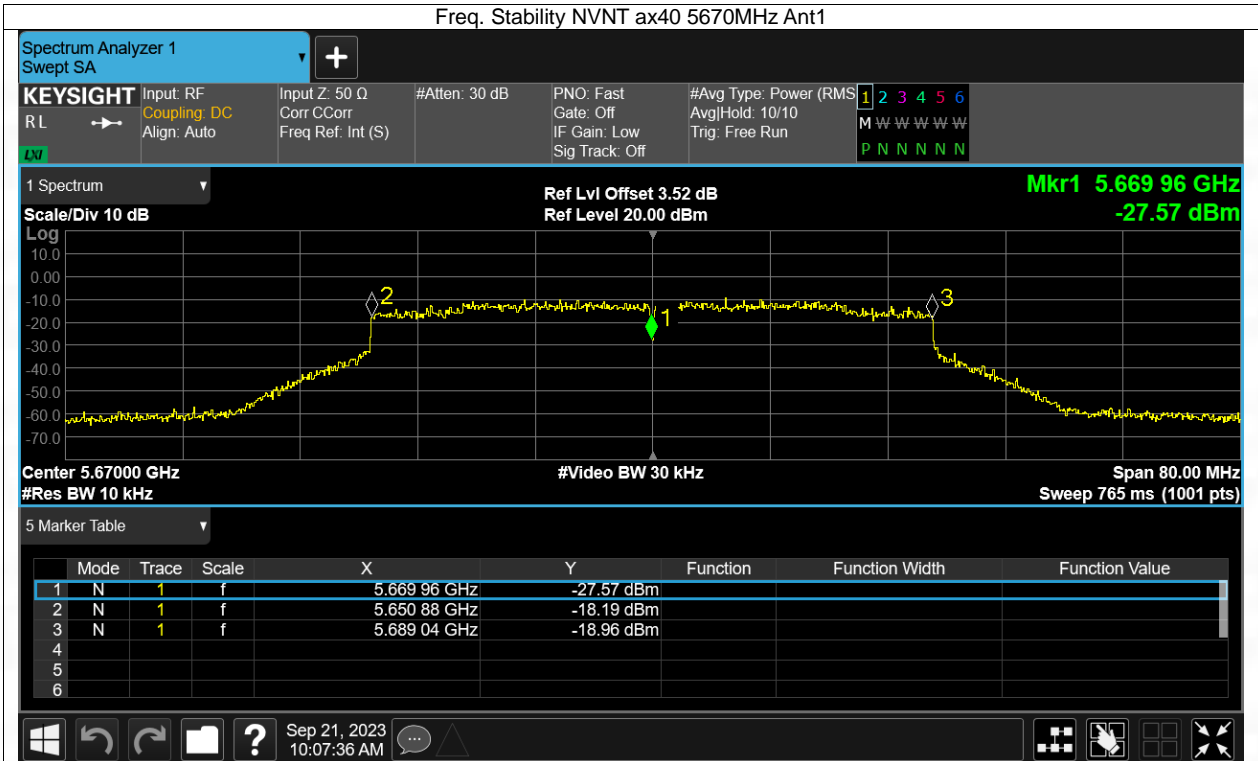


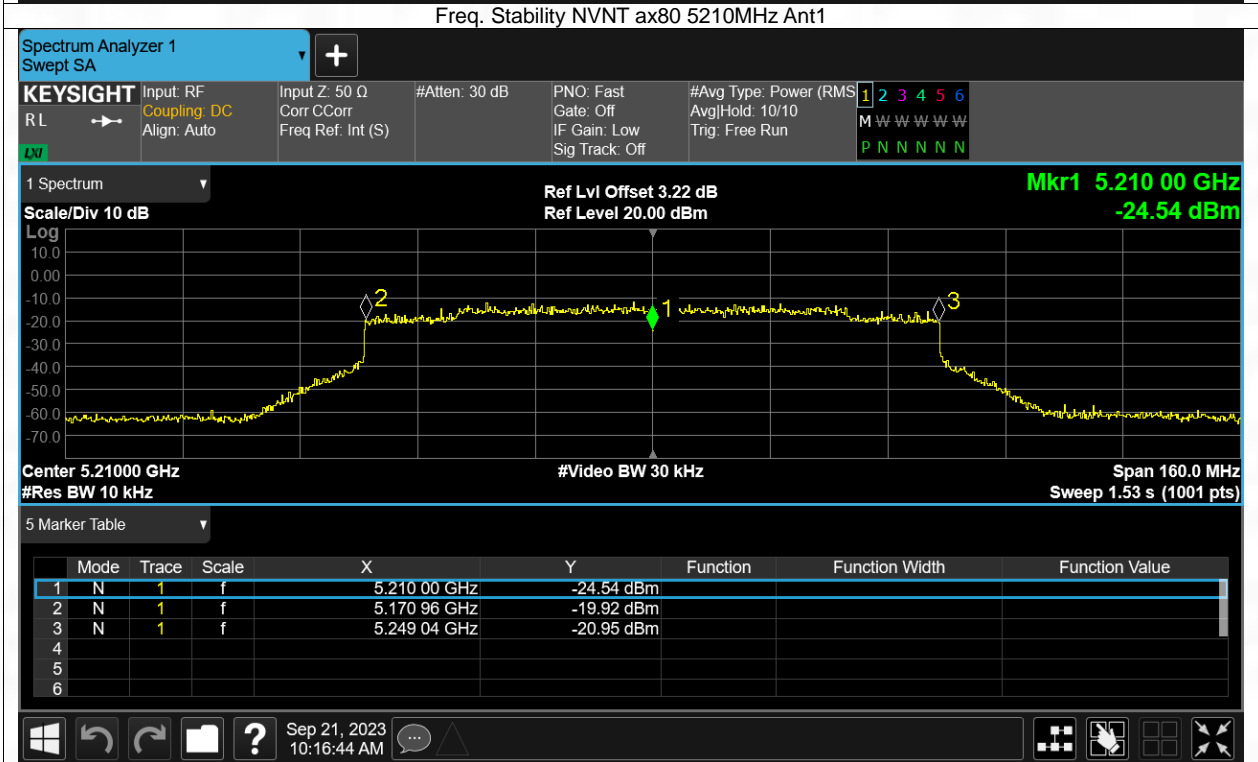
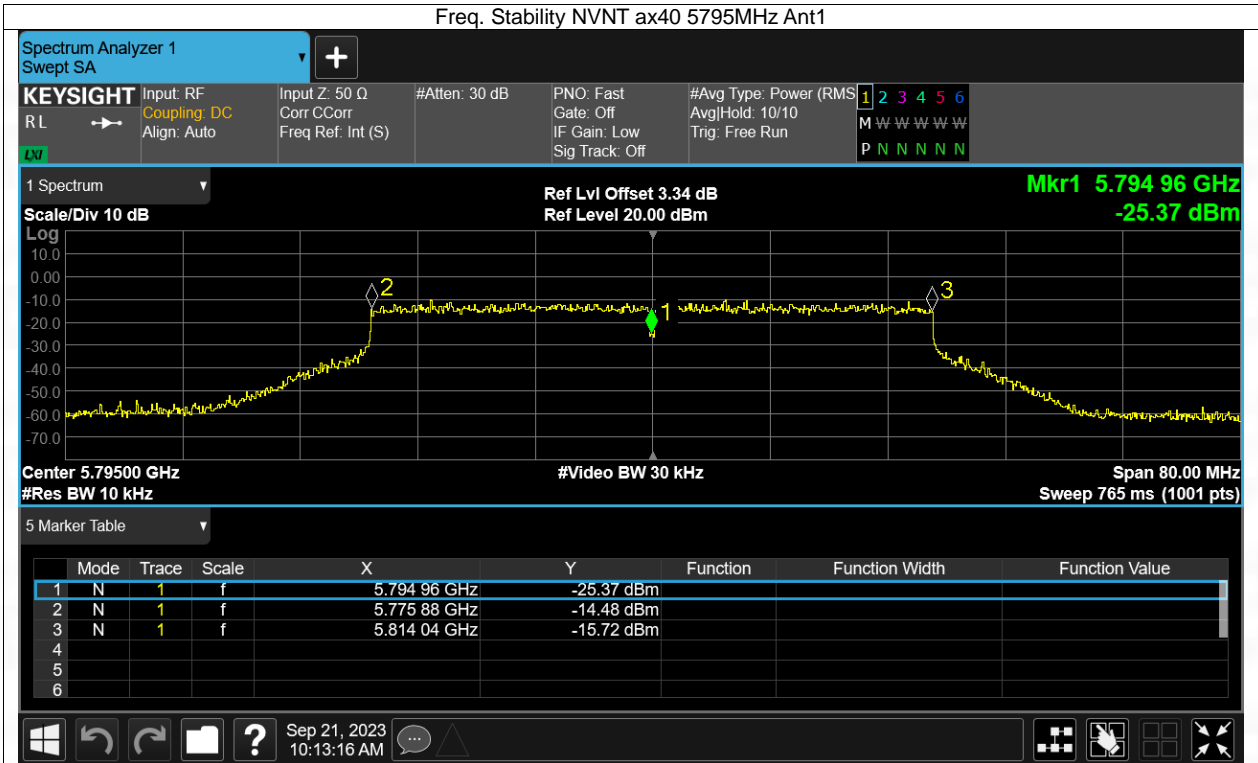
Freq. Stability NVNT ax40 5310MHz Ant1

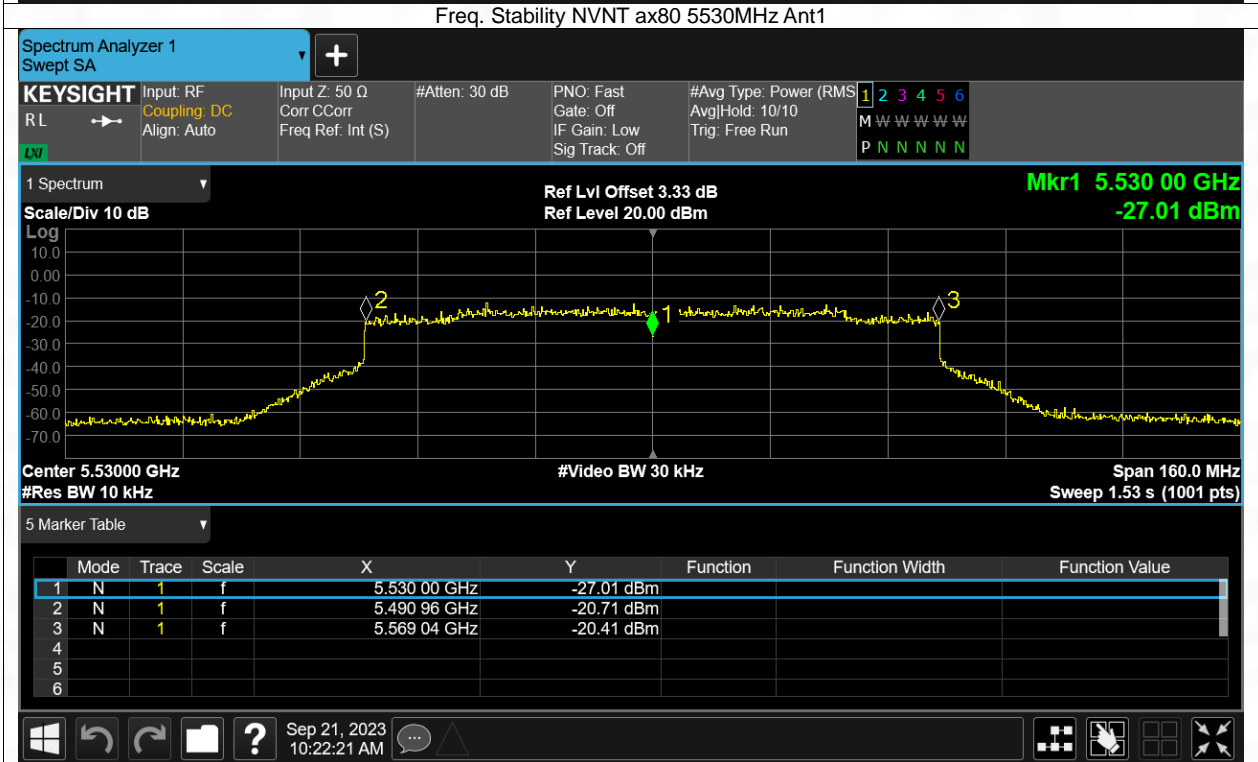
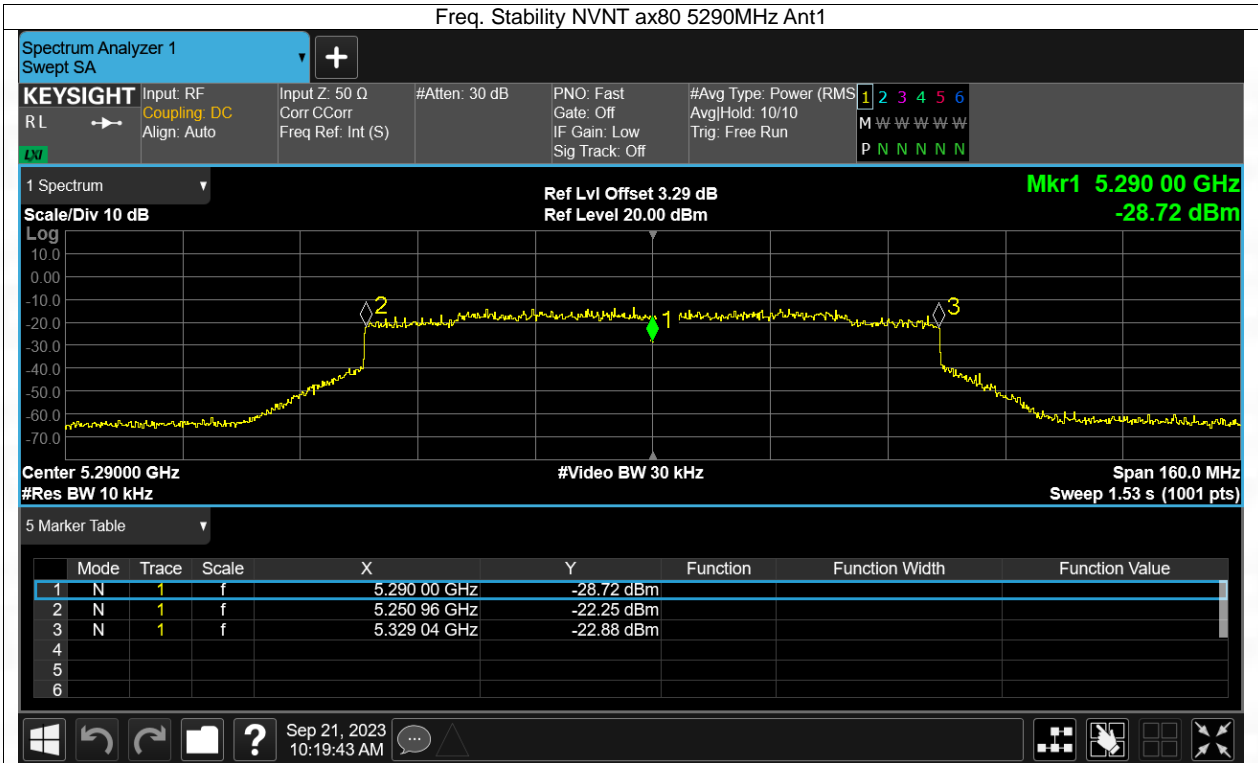


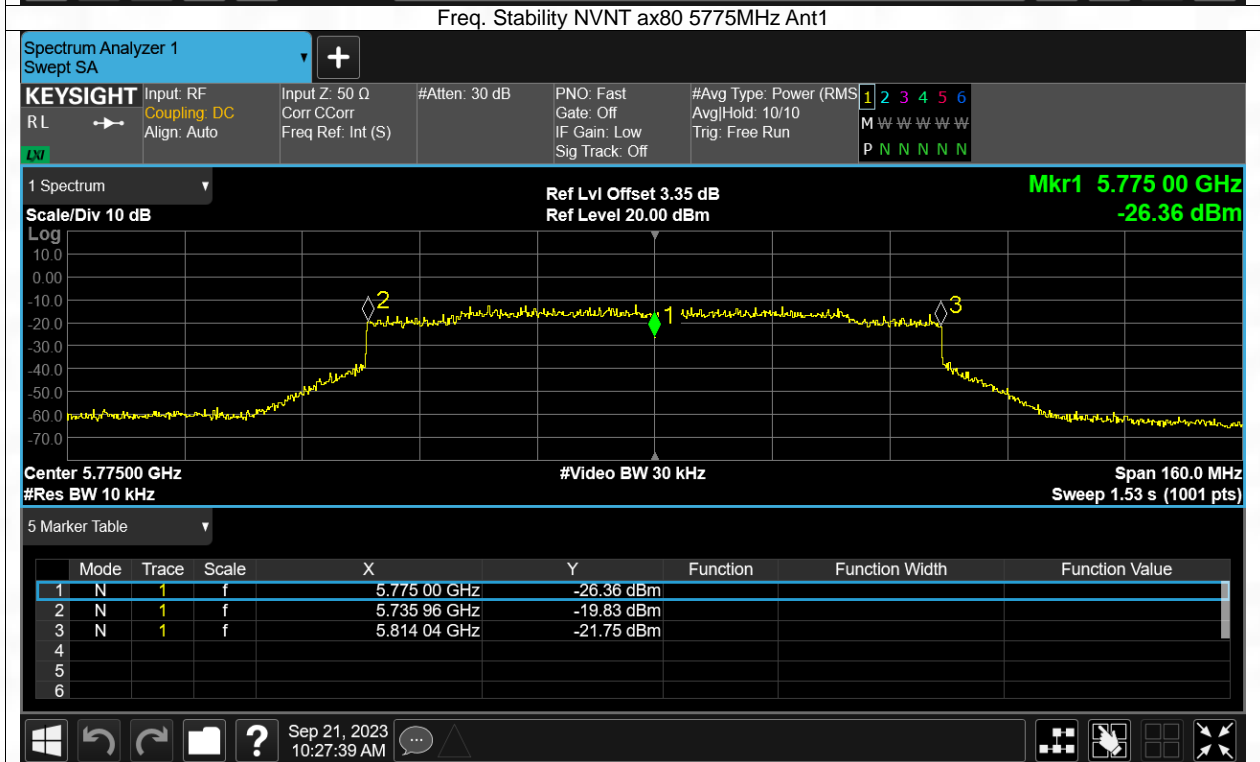
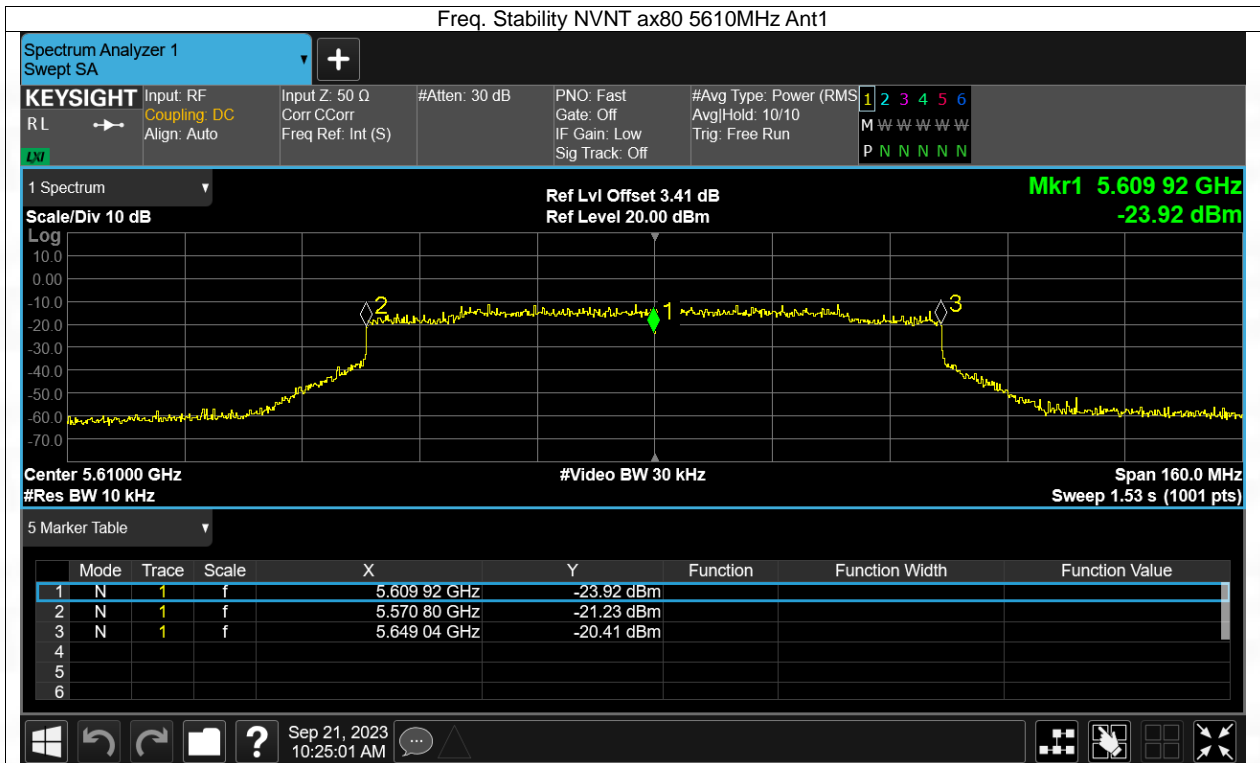
Freq. Stability NVNT ax40 5510MHz Ant1











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