

7 Appendix F: Conducted Spurious Emission

7.1 Test Result

The antenna port 1 and antenna port 2 support 2x2 MIMO with identical RF transmission, therefor only antenna port 1 tested and record the data.

Test Mode	Antenna	Channel	Freq Range [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	30~5140	-40.006	<=-27	PASS
			5360~40000	5360~40000	-48.429	<=-27	PASS
		5220	30~5140	30~5140	-38.64	<=-27	PASS
			5360~40000	5360~40000	-48.498	<=-27	PASS
		5240	30~5140	30~5140	-50.036	<=-27	PASS
			5360~40000	5360~40000	-48.645	<=-27	PASS
		5260	30~5140	30~5140	-55.389	<=-27	PASS
			5360~40000	5360~40000	-49.124	<=-27	PASS
		5300	30~5140	30~5140	-53.754	<=-27	PASS
			5360~40000	5360~40000	-48.73	<=-27	PASS
		5320	30~5140	30~5140	-52.522	<=-27	PASS
			5360~40000	5360~40000	-44.718	<=-27	PASS
		5500	30~5460	30~5460	-47.921	<=-27	PASS
			5735~40000	5735~40000	-49.052	<=-27	PASS
		5580	30~5460	30~5460	-55.764	<=-27	PASS
			5735~40000	5735~40000	-48.517	<=-27	PASS
		5700	30~5460	30~5460	-55.55	<=-27	PASS
			5735~40000	5735~40000	-32.154	<=-27	PASS
		5745	30~5650	30~5650	-41.981	<=-27	PASS
			5925~40000	5925~40000	-48.05	<=-27	PASS
		5785	30~5650	30~5650	-55.791	<=-27	PASS
			5925~40000	5925~40000	-49.435	<=-27	PASS
		5825	30~5650	30~5650	-55.718	<=-27	PASS
			5925~40000	5925~40000	-47.702	<=-27	PASS



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Test Mode	Antenna	Channel	Freq Range [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11N20SISO	Ant1	5180	30~5140	30~5140	-25.844	<=-27	FAIL
			5360~40000	5360~40000	-48.529	<=-27	PASS
		5220	30~5140	30~5140	-37.26	<=-27	PASS
			5360~40000	5360~40000	-48.68	<=-27	PASS
		5240	30~5140	30~5140	-49.295	<=-27	PASS
			5360~40000	5360~40000	-49.02	<=-27	PASS
		5260	30~5140	30~5140	-51.422	<=-27	PASS
			5360~40000	5360~40000	-43.923	<=-27	PASS
		5300	30~5140	30~5140	-50.669	<=-27	PASS
			5360~40000	5360~40000	-38.03	<=-27	PASS
		5320	30~5140	30~5140	-55.542	<=-27	PASS
			5360~40000	5360~40000	-28.742	<=-27	PASS
		5500	30~5460	30~5460	-26.539	<=-27	FAIL
			5735~40000	5735~40000	-48.748	<=-27	PASS
		5580	30~5460	30~5460	-51.549	<=-27	PASS
			5735~40000	5735~40000	-48.786	<=-27	PASS
		5700	30~5460	30~5460	-53.44	<=-27	PASS
			5735~40000	5735~40000	-27.143	<=-27	PASS
		5745	30~5650	30~5650	-44.657	<=-27	PASS
			5925~40000	5925~40000	-49.046	<=-27	PASS
		5785	30~5650	30~5650	-52.5	<=-27	PASS
			5925~40000	5925~40000	-48.872	<=-27	PASS
11N40SISO	Ant1	5190	30~5140	30~5140	-26.873	<=-27	FAIL
			5360~40000	5360~40000	-47.351	<=-27	PASS
		5230	30~5140	30~5140	-47.065	<=-27	PASS
			5360~40000	5360~40000	-41.012	<=-27	PASS
		5510	30~5460	30~5460	-33.679	<=-27	PASS
			5735~40000	5735~40000	-48.788	<=-27	PASS
		5550	30~5460	30~5460	-31.688	<=-27	PASS
			5735~40000	5735~40000	-48.108	<=-27	PASS
		5670	30~5460	30~5460	-46.693	<=-27	PASS
			5735~40000	5735~40000	-32.503	<=-27	PASS
		5755	30~5650	30~5650	-31.94	<=-27	PASS
			5925~40000	5925~40000	-48.791	<=-27	PASS
		5795	30~5650	30~5650	-45.372	<=-27	PASS
			5925~40000	5925~40000	-47.894	<=-27	PASS



11AC20SISO	Ant1	5180	30~5140	30~5140	-46.212	<=-27	PASS
			5360~40000	5360~40000	-49.231	<=-27	PASS
		5220	30~5140	30~5140	-45.298	<=-27	PASS
			5360~40000	5360~40000	-49.17	<=-27	PASS
		5240	30~5140	30~5140	-54.014	<=-27	PASS
			5360~40000	5360~40000	-48.462	<=-27	PASS
		5260	30~5140	30~5140	-54.553	<=-27	PASS
			5360~40000	5360~40000	-49.016	<=-27	PASS
		5300	30~5140	30~5140	-55.37	<=-27	PASS
			5360~40000	5360~40000	-33.424	<=-27	PASS
		5320	30~5140	30~5140	-55.54	<=-27	PASS
			5360~40000	5360~40000	-49.106	<=-27	PASS
		5500	30~5460	30~5460	-48.329	<=-27	PASS
			5735~40000	5735~40000	-48.719	<=-27	PASS
		5580	30~5460	30~5460	-55.173	<=-27	PASS
			5735~40000	5735~40000	-49.018	<=-27	PASS
		5700	30~5460	30~5460	-55.361	<=-27	PASS
			5735~40000	5735~40000	-44.88	<=-27	PASS
		5745	30~5650	30~5650	-52.253	<=-27	PASS
			5925~40000	5925~40000	-49.137	<=-27	PASS
		5785	30~5650	30~5650	-55.351	<=-27	PASS
			5925~40000	5925~40000	-48.762	<=-27	PASS
11AC40SISO	Ant1	5190	30~5140	30~5140	-30.793	<=-27	PASS
			5360~40000	5360~40000	-46.202	<=-27	PASS
		5230	30~5140	30~5140	-35.252	<=-27	PASS
			5360~40000	5360~40000	-45.402	<=-27	PASS
		5270	30~5140	30~5140	-44.798	<=-27	PASS
			5360~40000	5360~40000	-46.527	<=-27	PASS
		5310	30~5140	30~5140	-46.543	<=-27	PASS
			5360~40000	5360~40000	-30.74	<=-27	PASS
		5510	30~5460	30~5460	-43.02	<=-27	PASS
			5735~40000	5735~40000	-47.438	<=-27	PASS
		5550	30~5460	30~5460	-42.677	<=-27	PASS
			5735~40000	5735~40000	-47.565	<=-27	PASS
		5670	30~5460	30~5460	-43.873	<=-27	PASS
			5735~40000	5735~40000	-34.228	<=-27	PASS
		5755	30~5650	30~5650	-41.316	<=-27	PASS
			5925~40000	5925~40000	-48.115	<=-27	PASS
		5795	30~5650	30~5650	-45.952	<=-27	PASS
			5925~40000	5925~40000	-45.809	<=-27	PASS



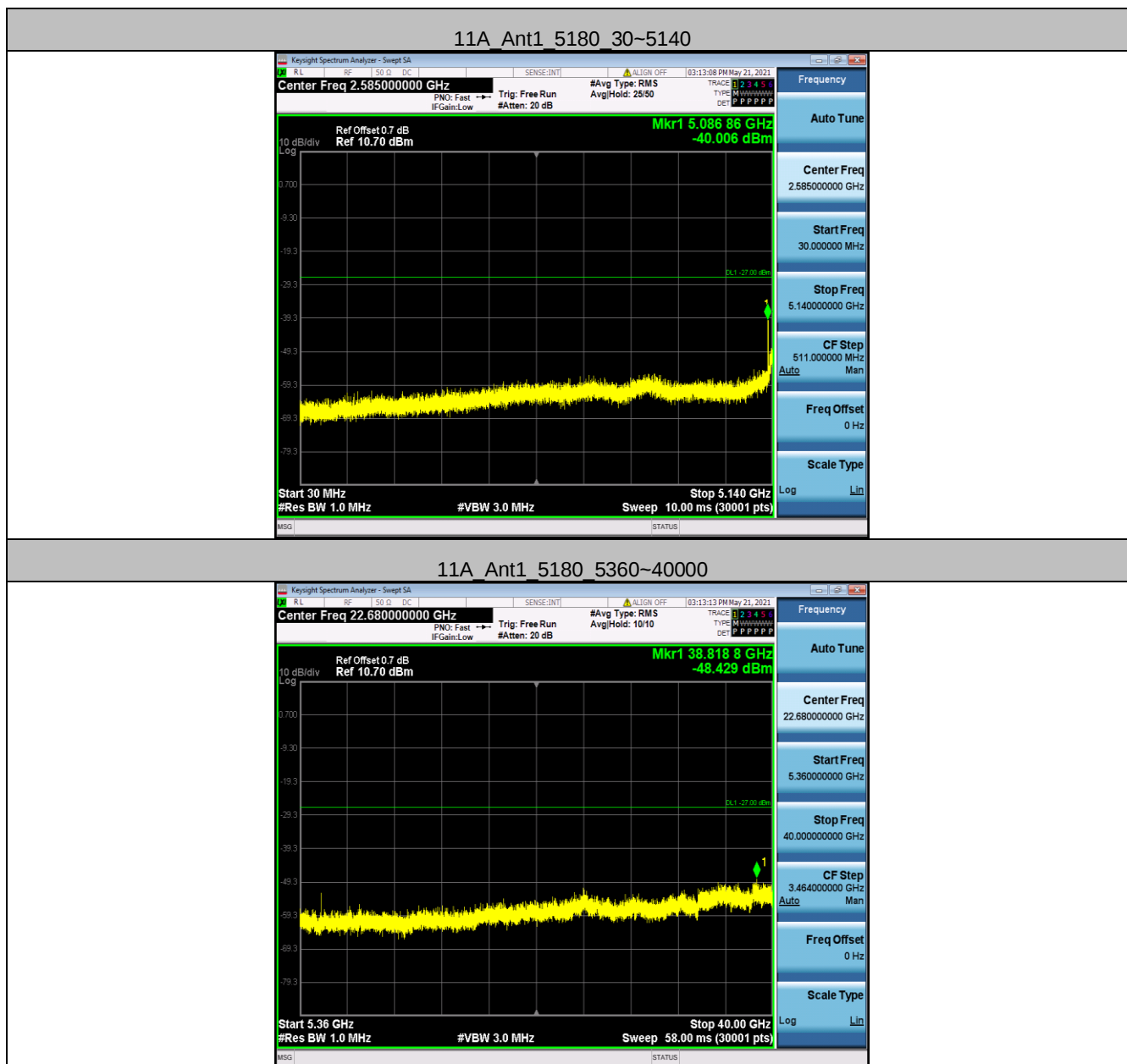
11AC80SISO	Ant1	5210	30~5140	30~5140	-31.097	<=-27	PASS
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		5290	30~5140	30~5140	-49.865	<=-27	PASS
			5360~40000	5360~40000	-27.345	<=-27	PASS
		5530	30~5460	30~5460	-28.913	<=-27	PASS
			5735~40000	5735~40000	-48.215	<=-27	PASS
		5610	30~5460	30~5460	-52.367	<=-27	PASS
			5735~40000	5735~40000	-35.475	<=-27	PASS
		5775	30~5650	30~5650	-45.534	<=-27	PASS
			5925~40000	5925~40000	-47.623	<=-27	PASS



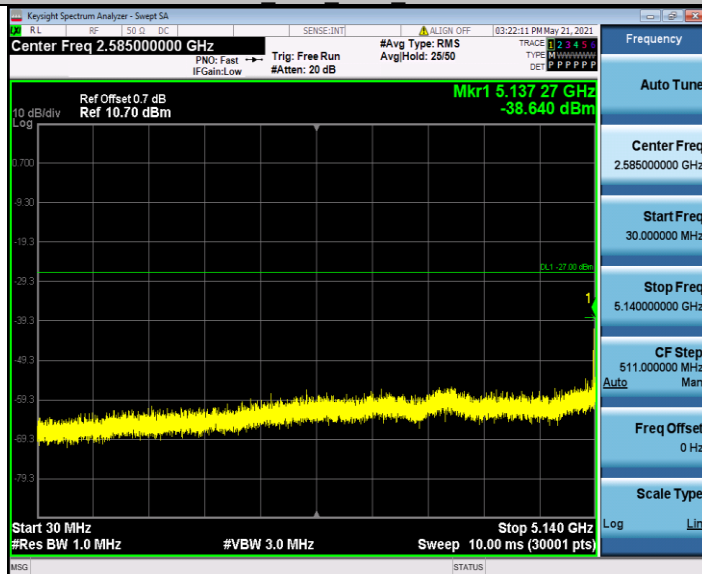
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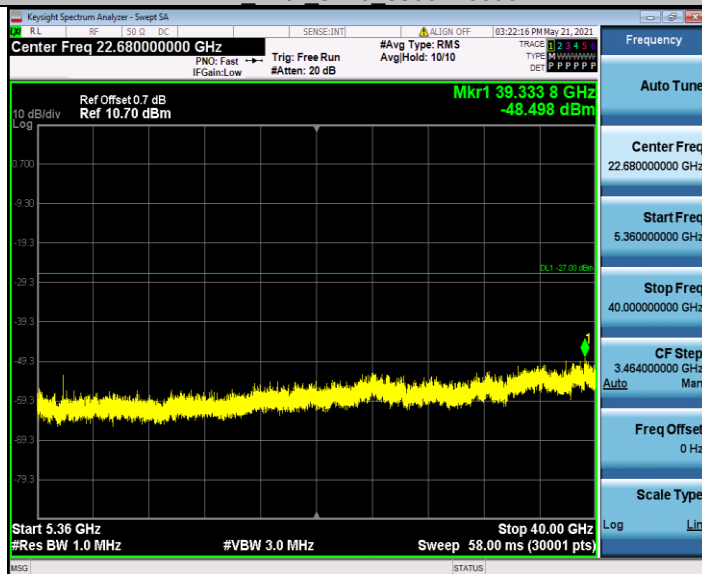
7.2 Test Graphs



11A Ant1 5220 30~5140



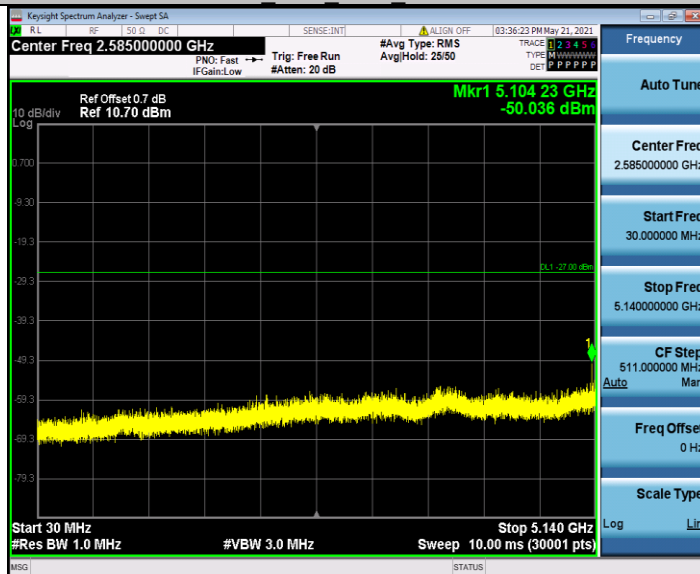
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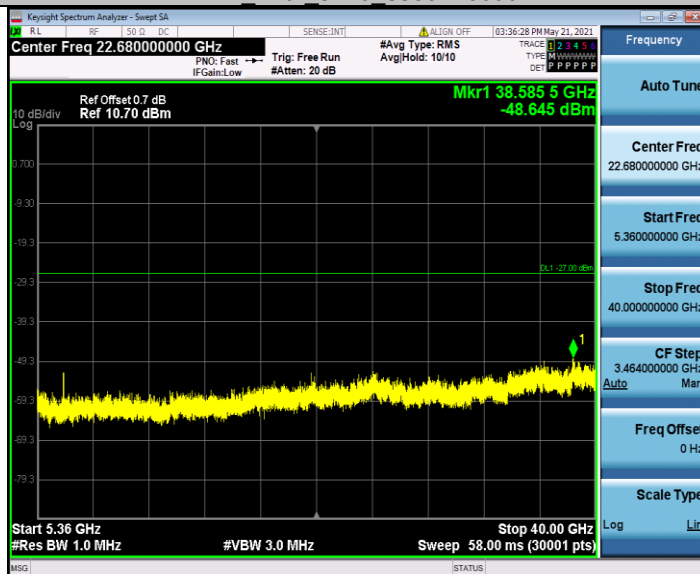
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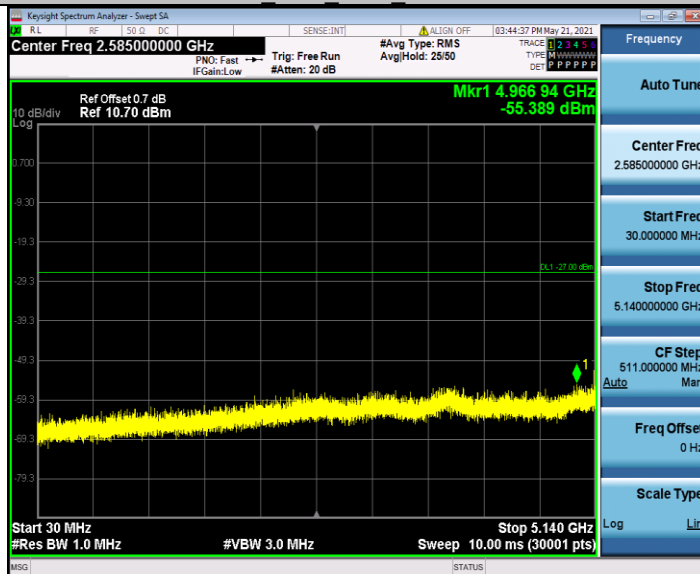
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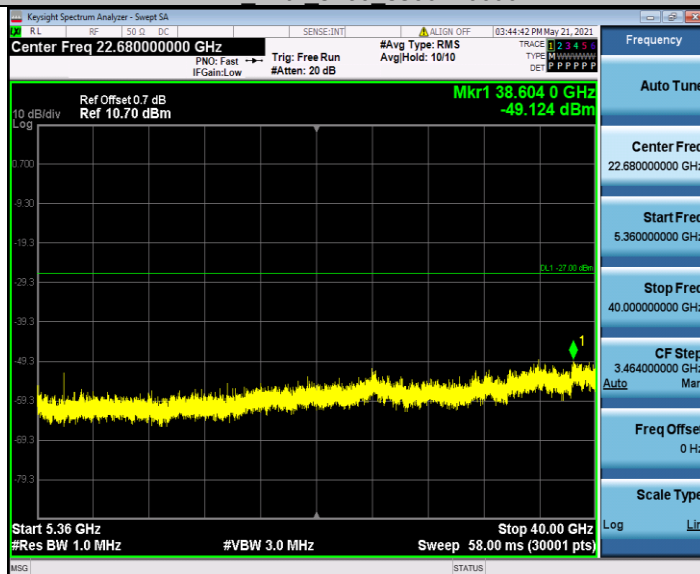
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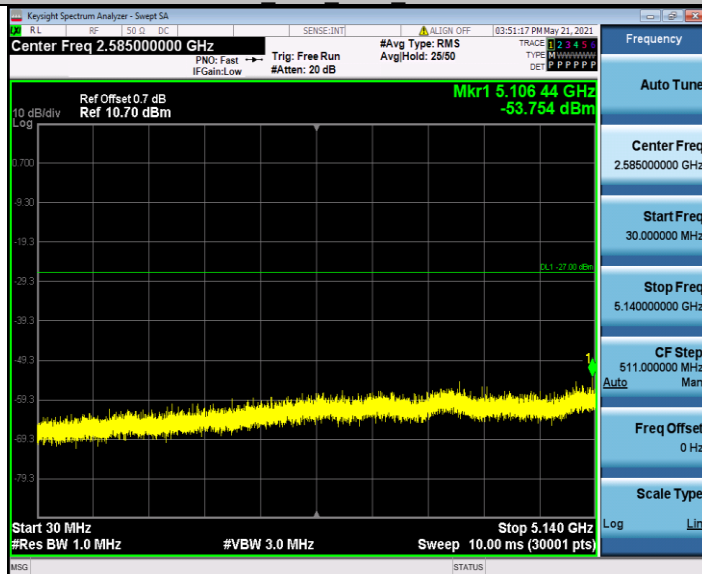
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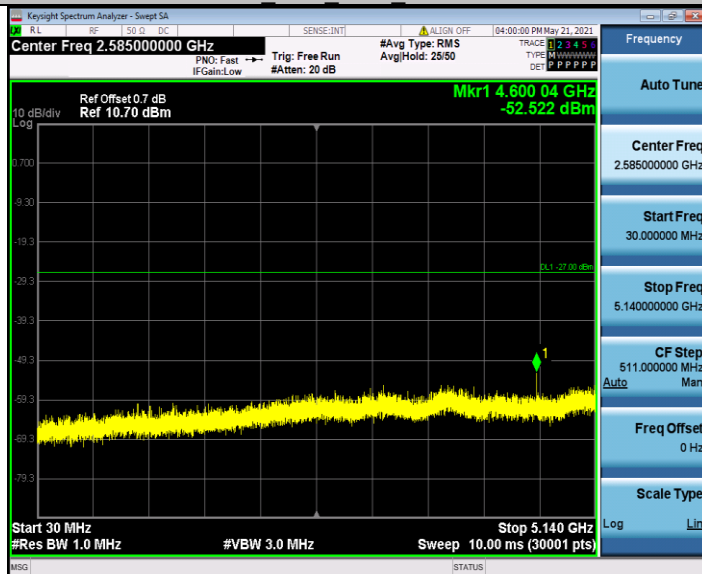
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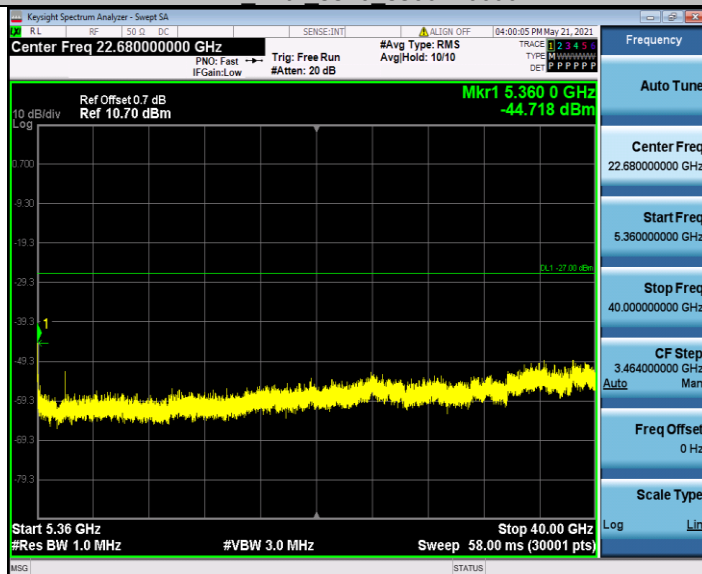
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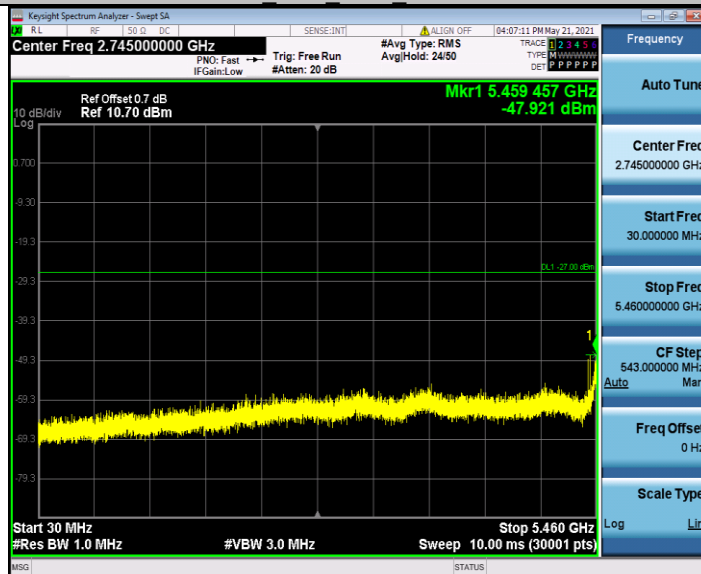
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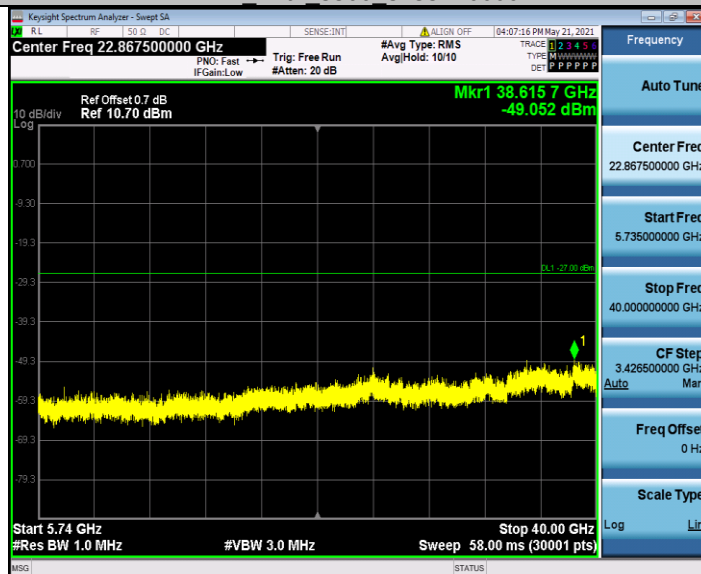
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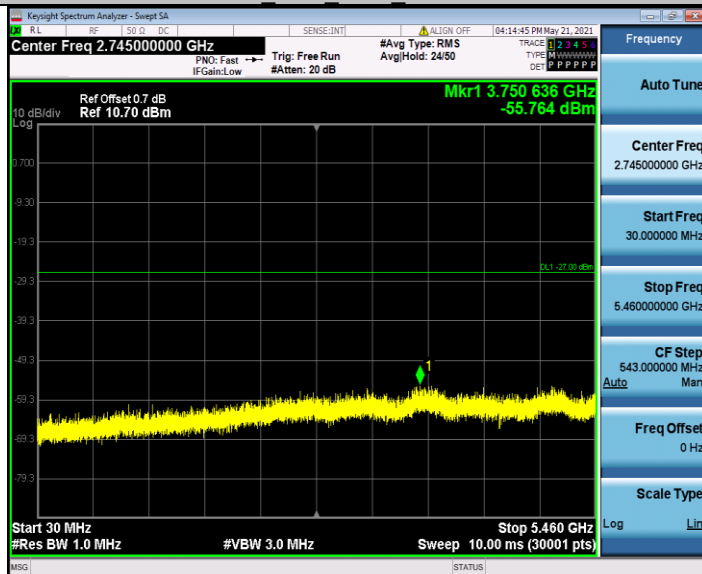
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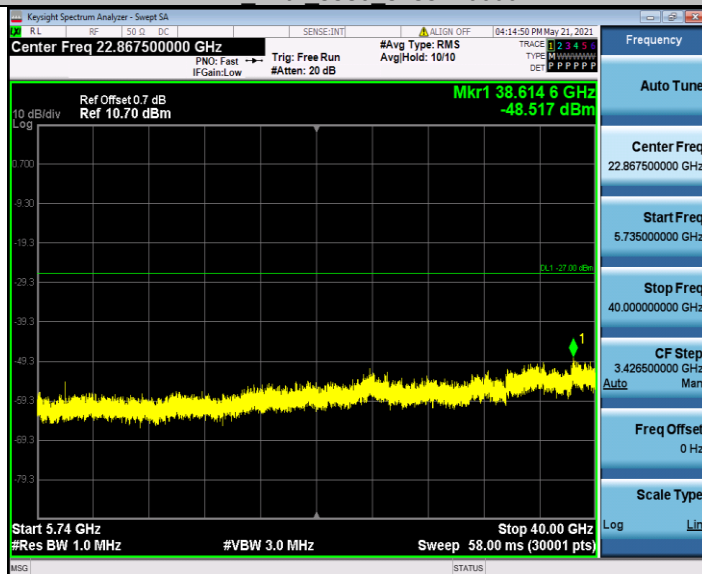
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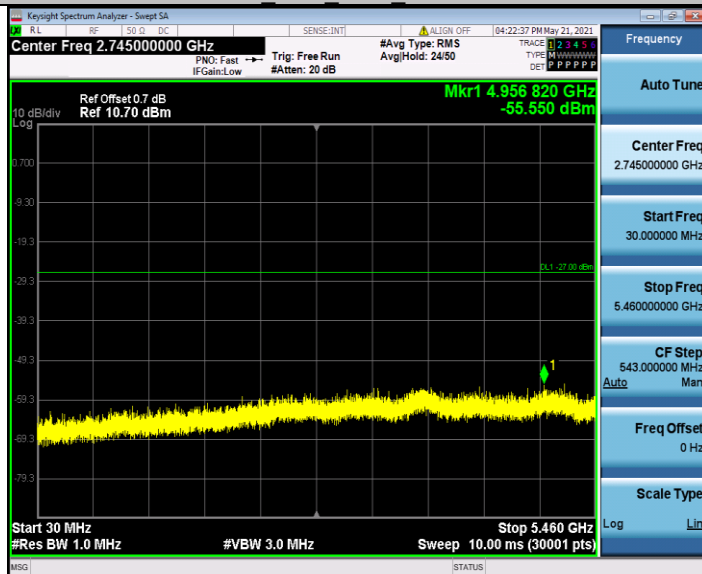
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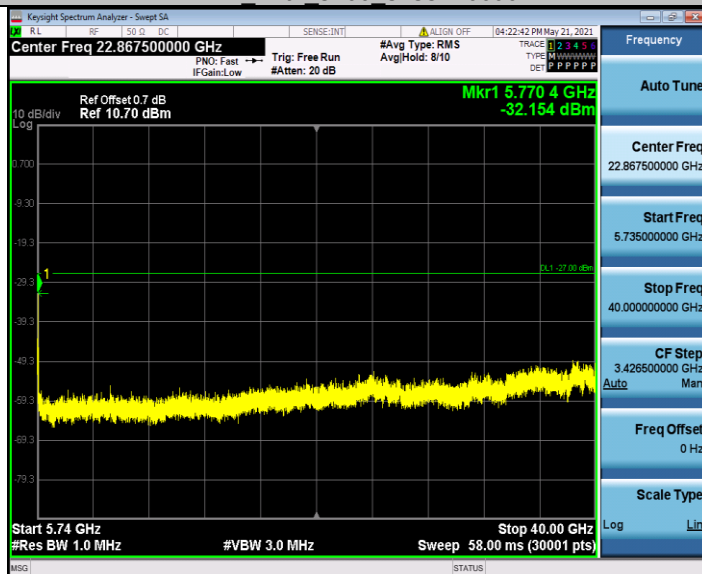
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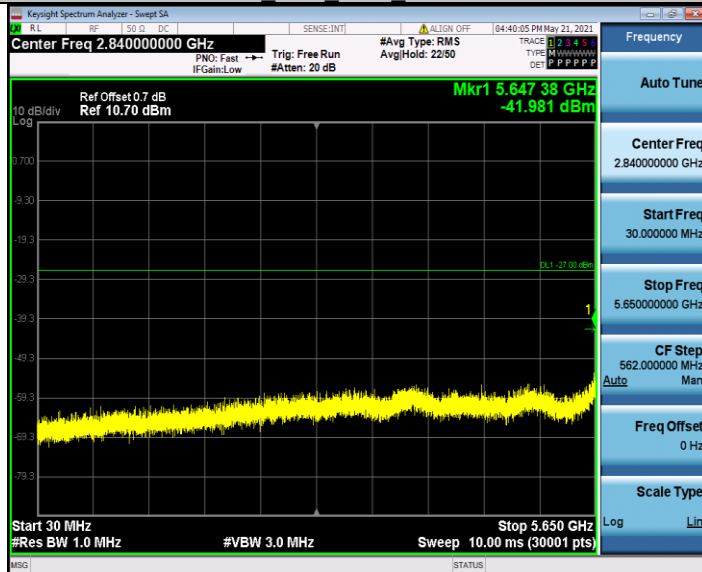
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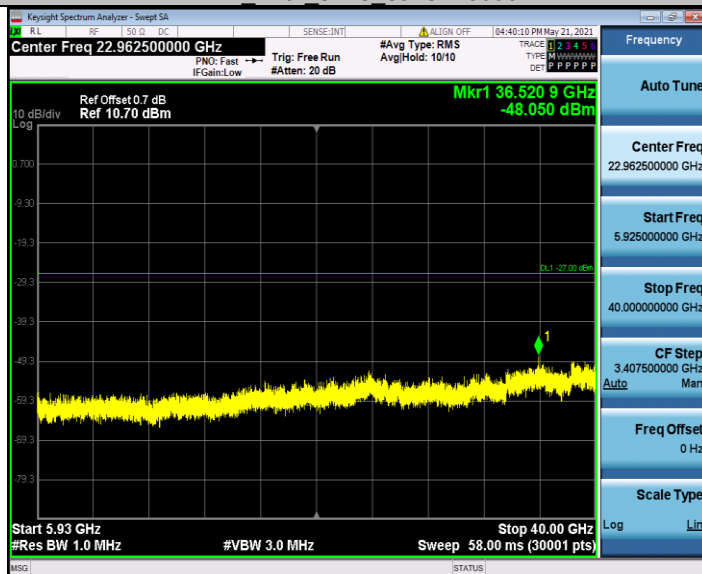
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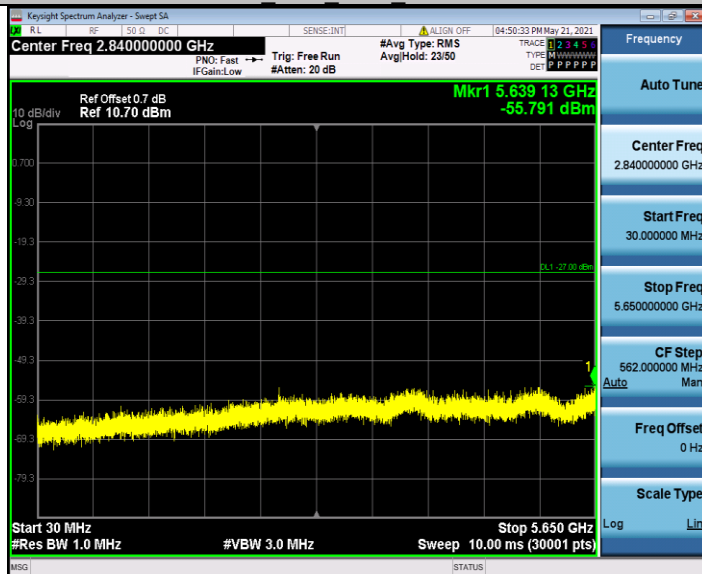
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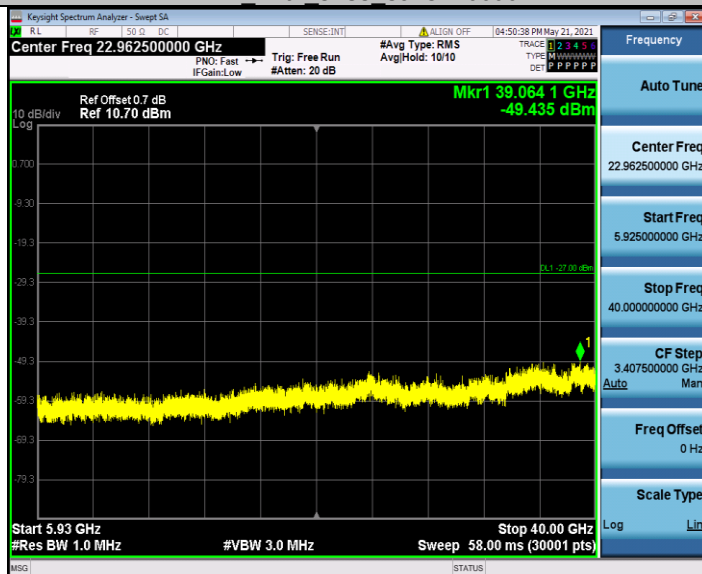
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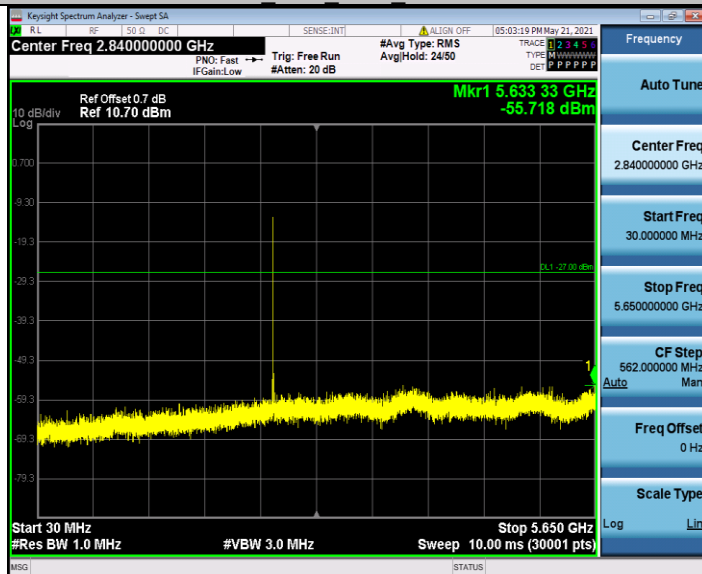
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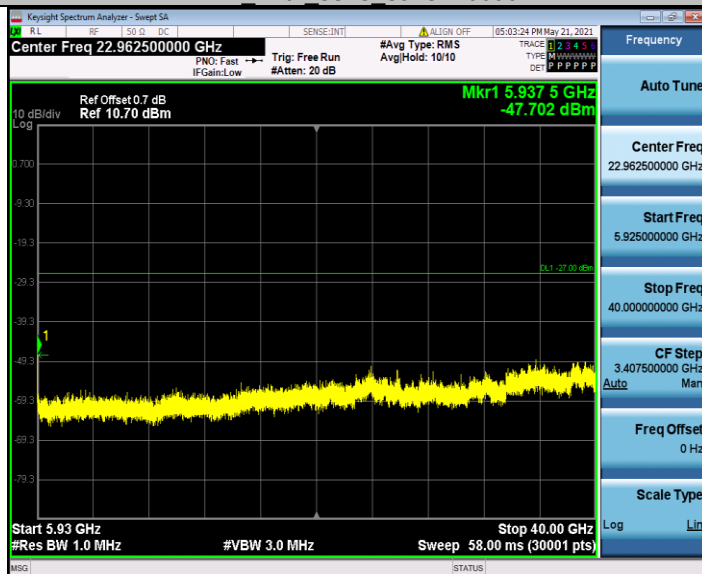
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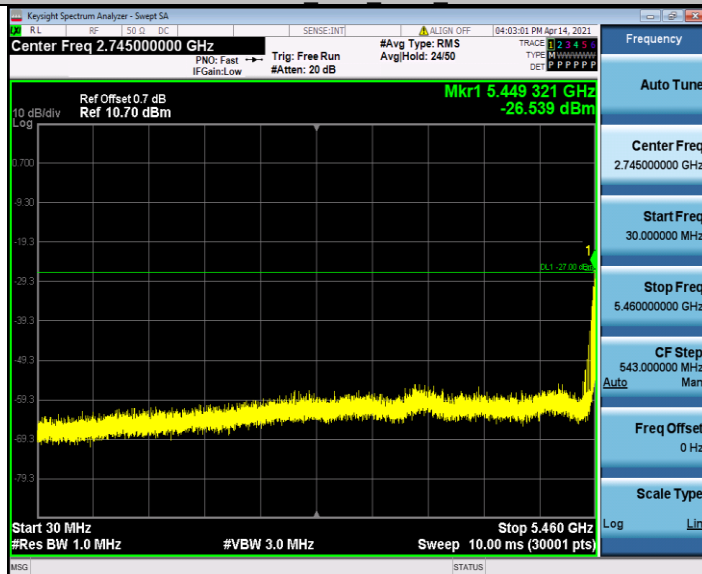
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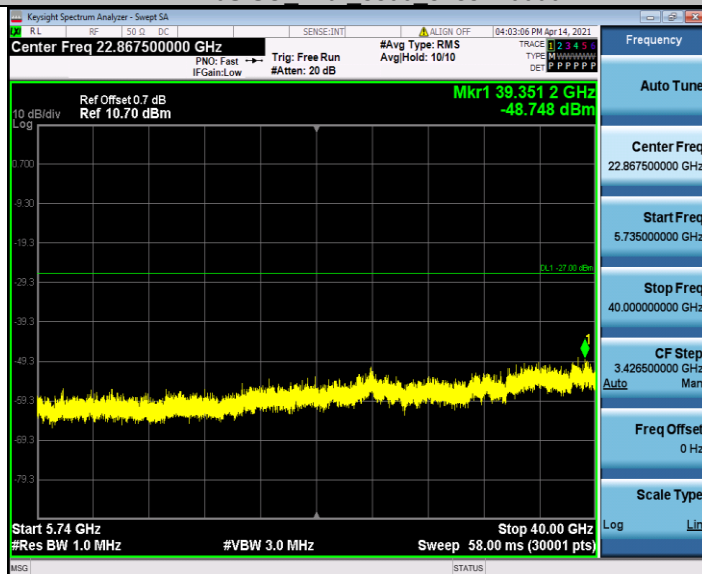
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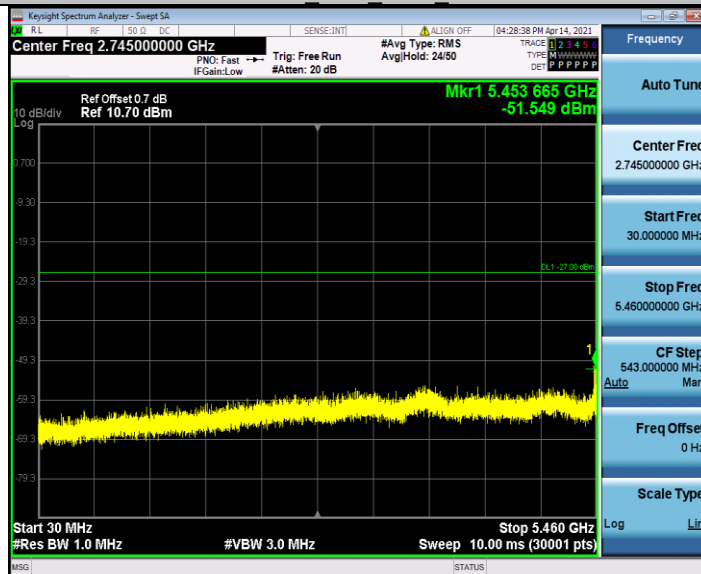
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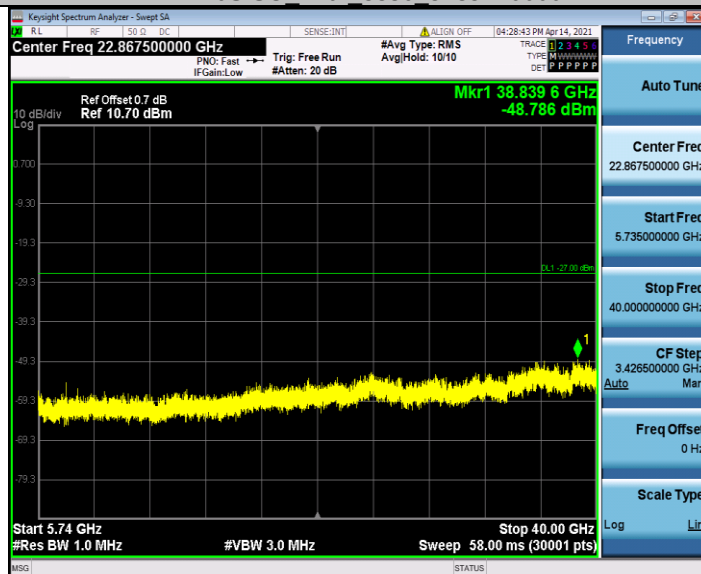
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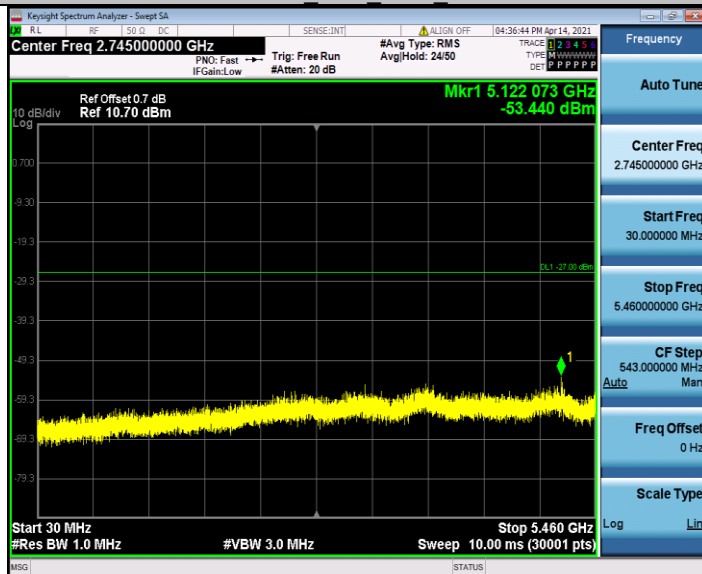
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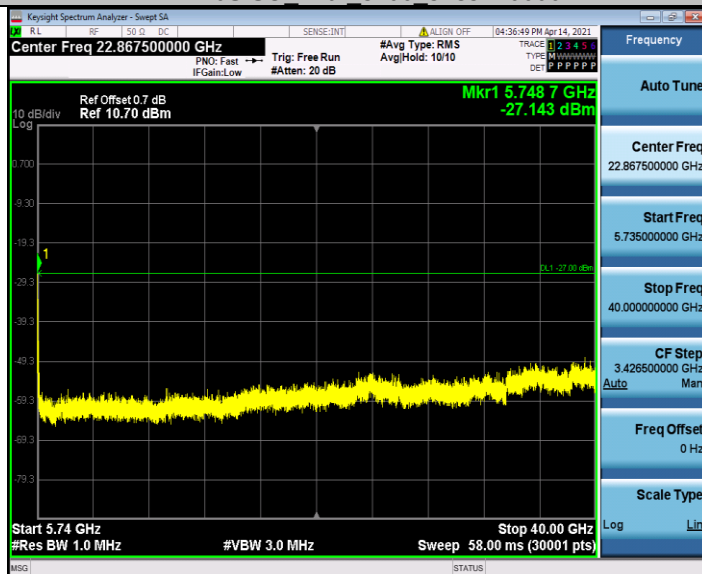
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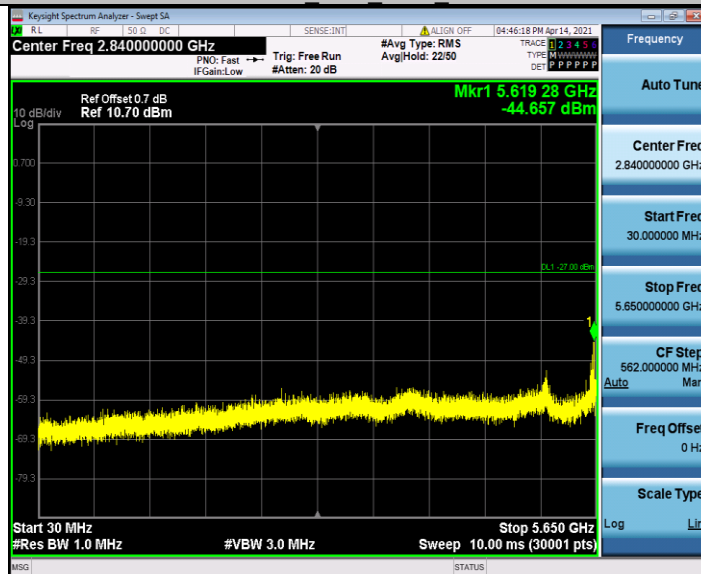
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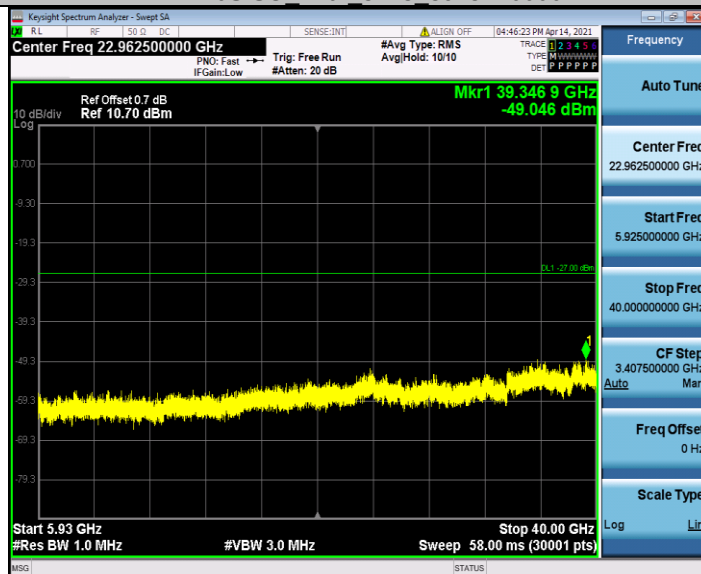
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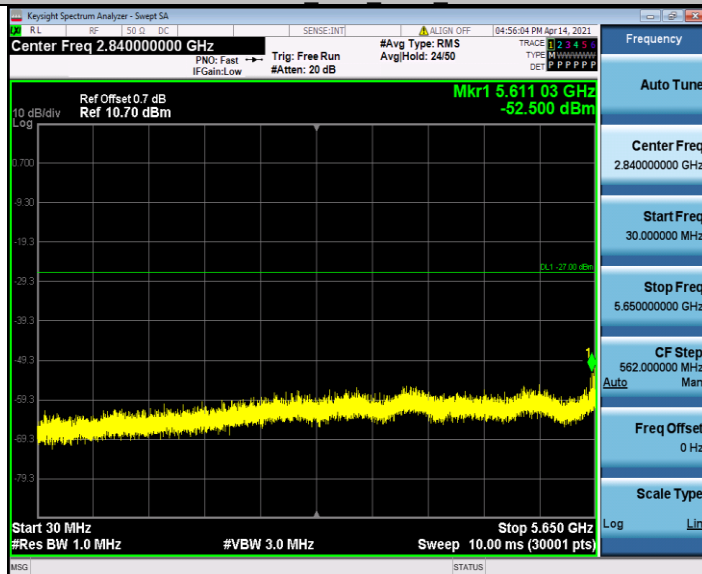
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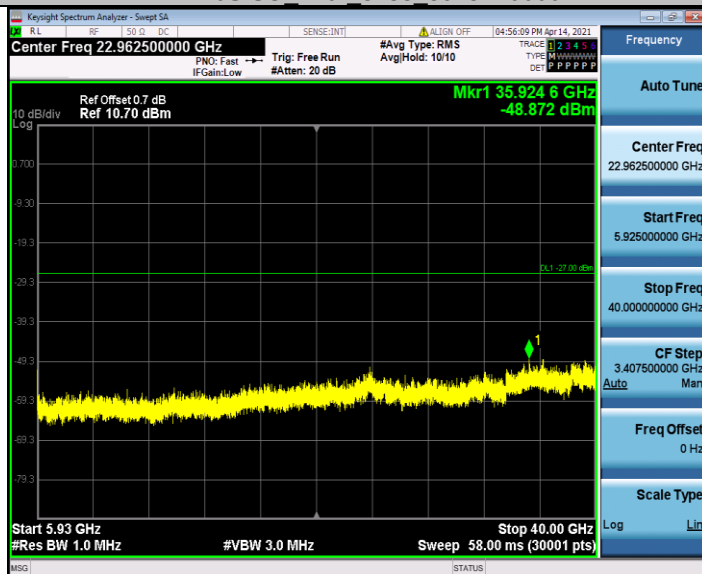
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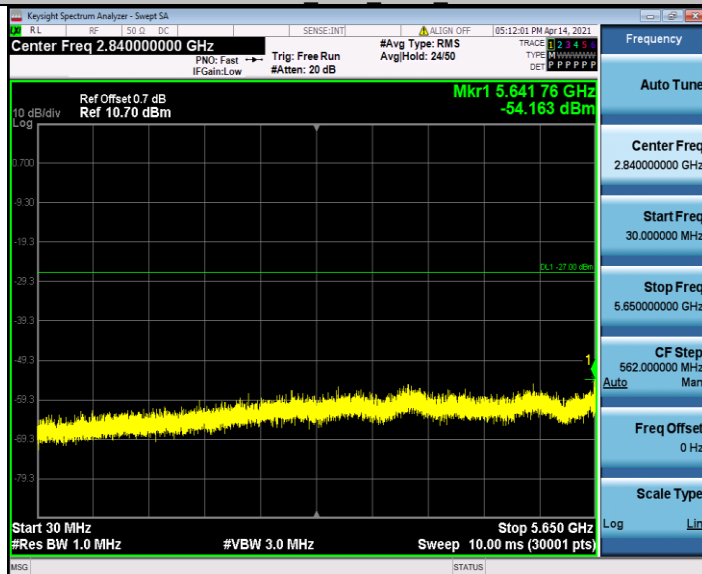
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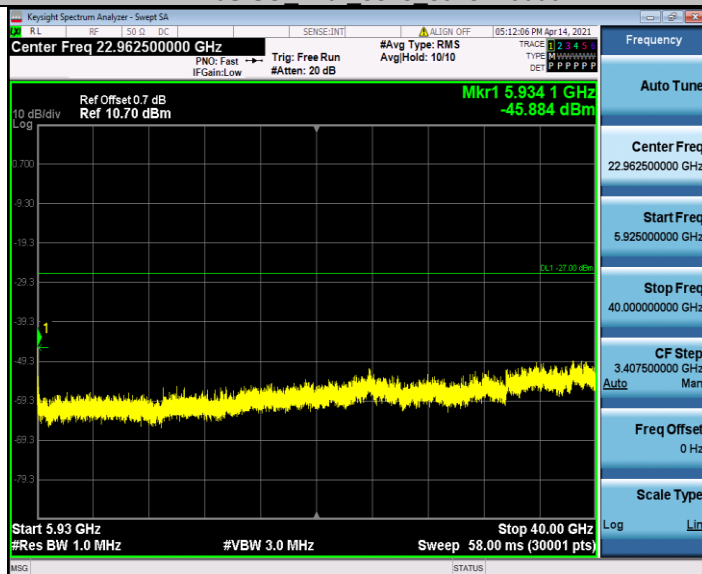
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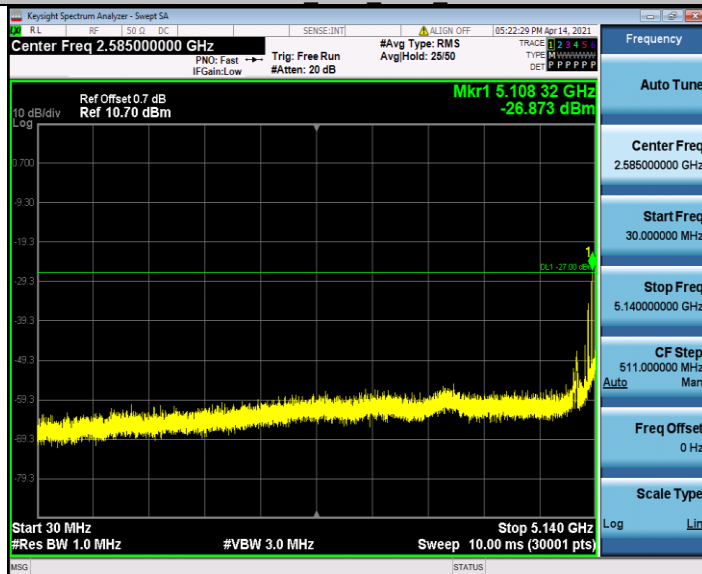
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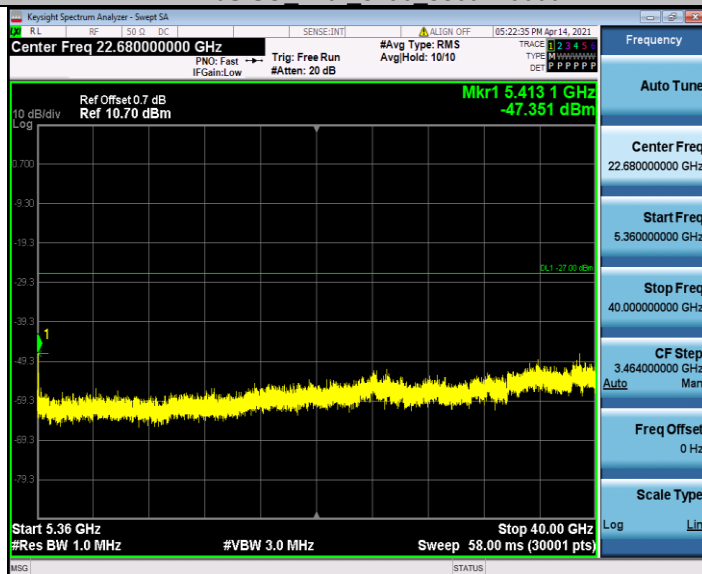
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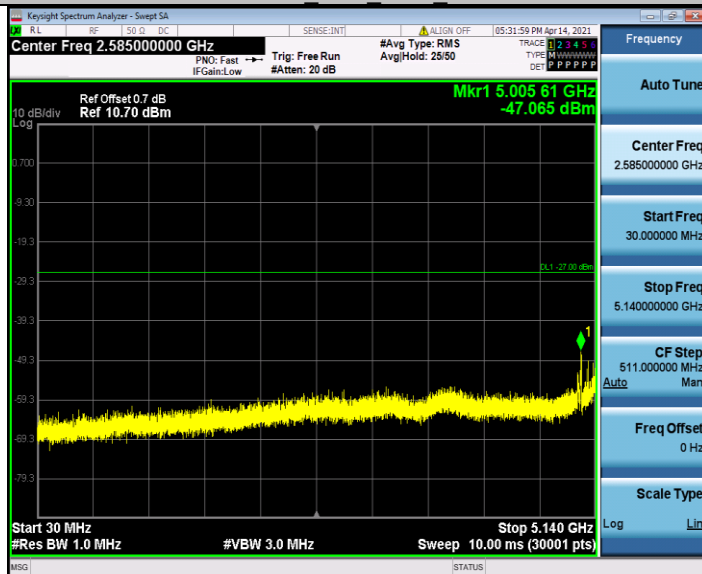
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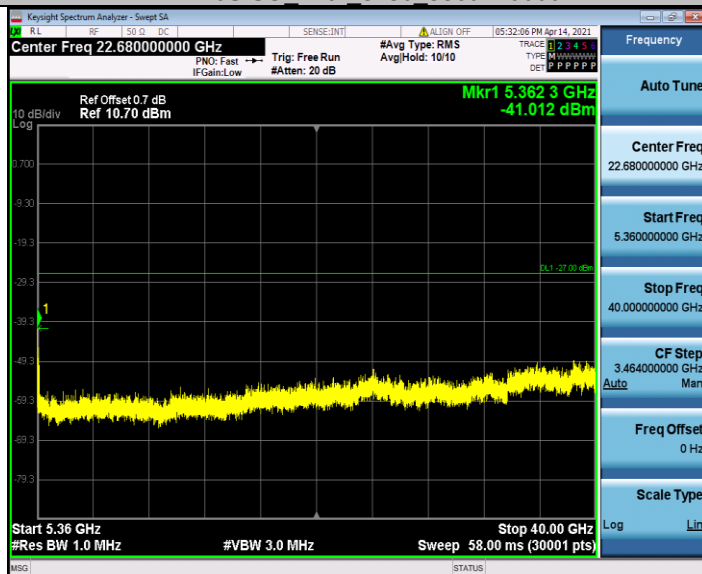
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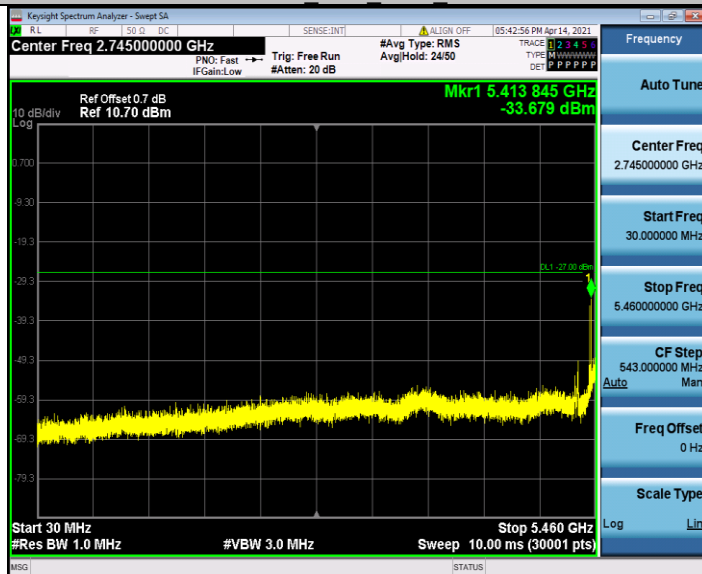
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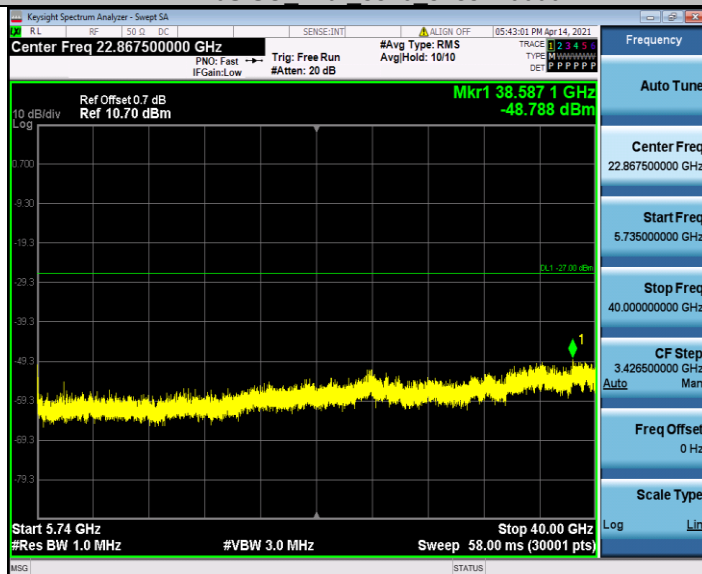
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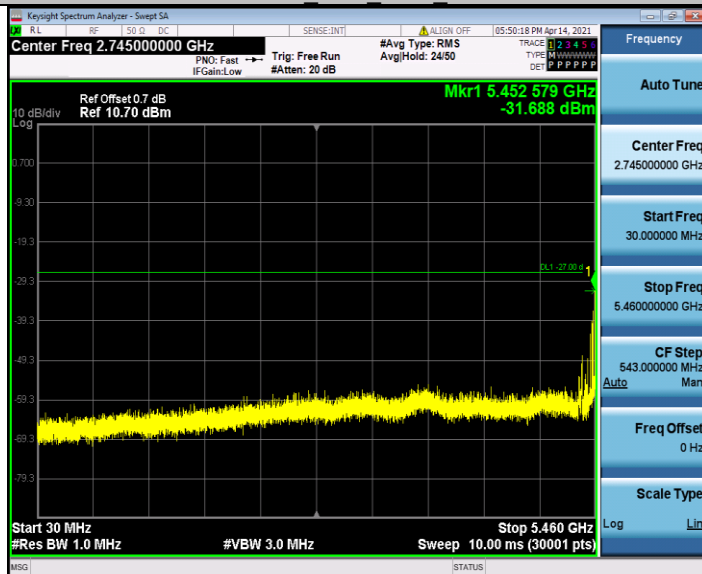
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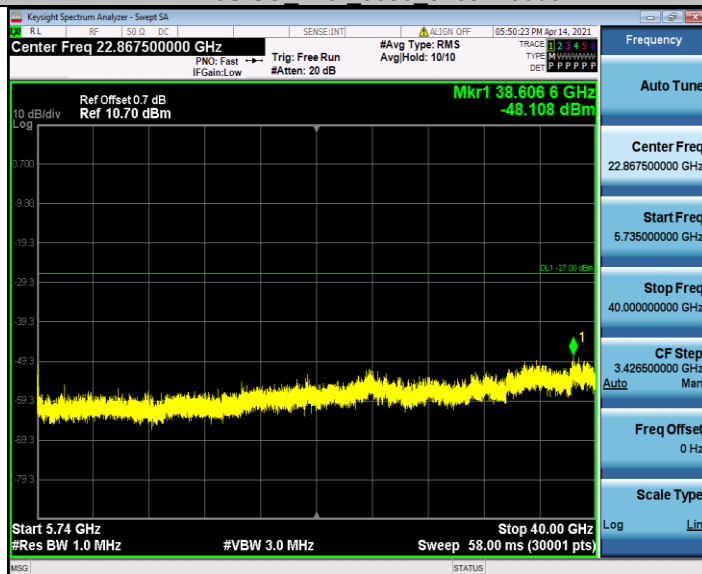
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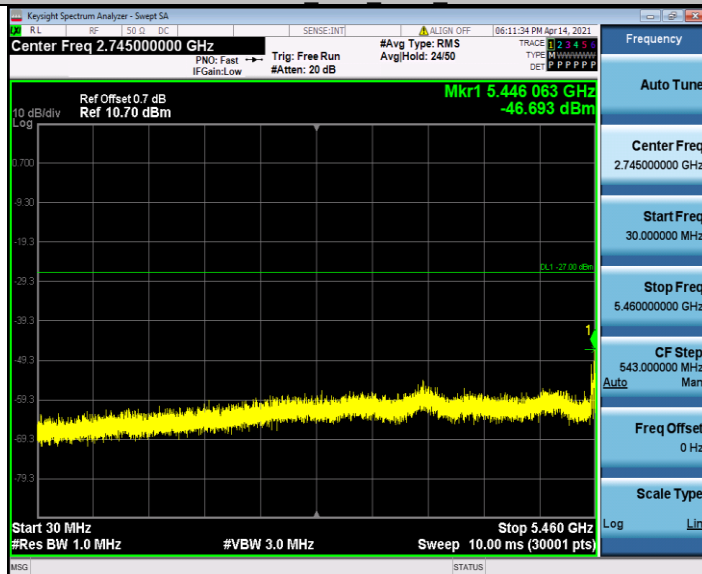
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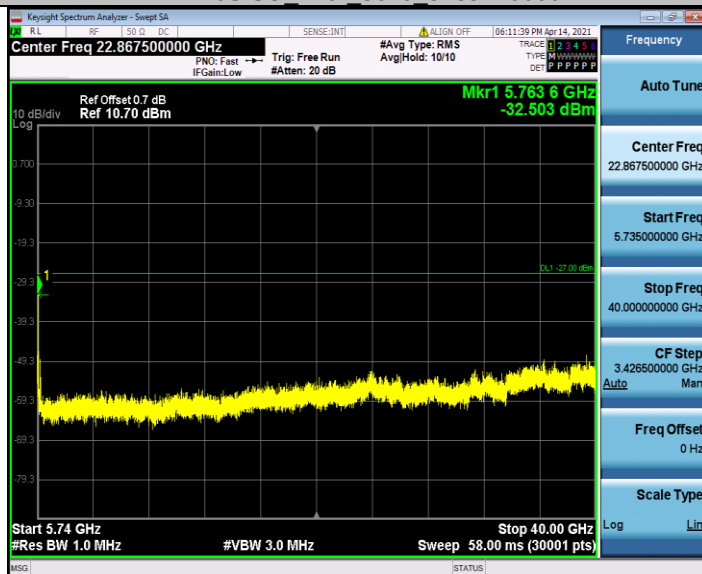
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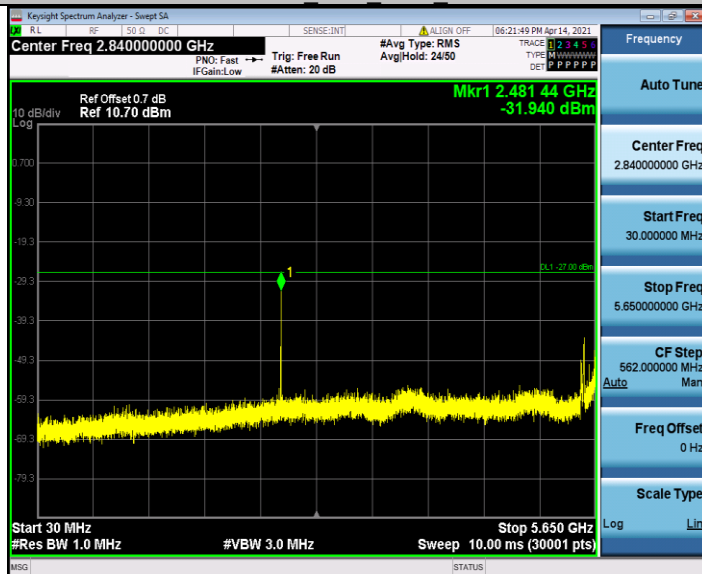
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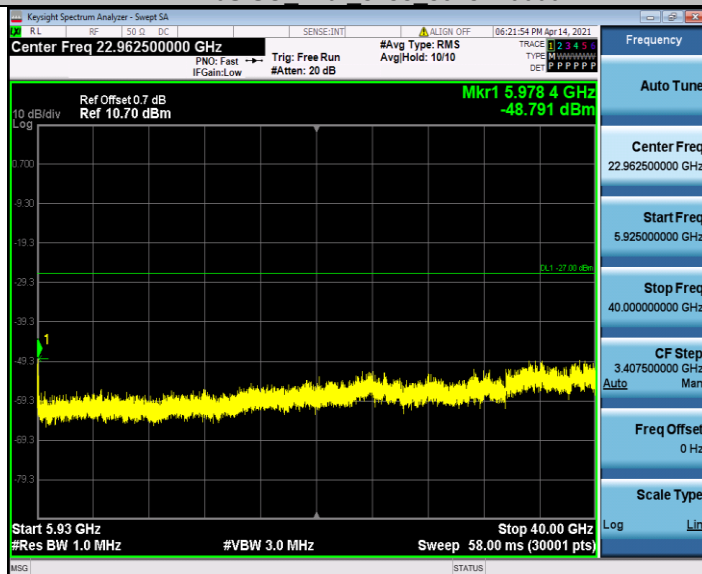
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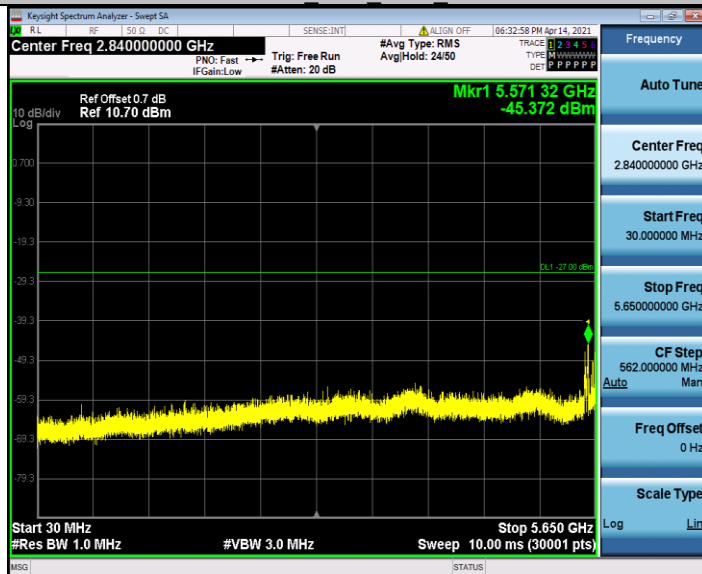
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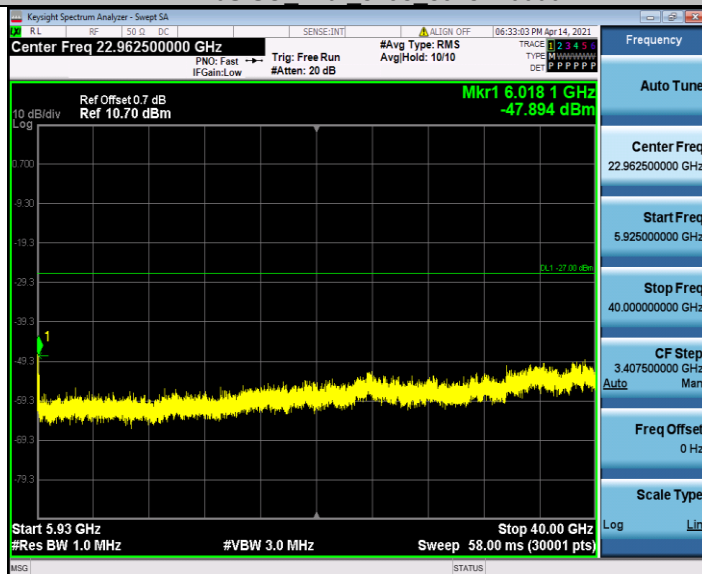
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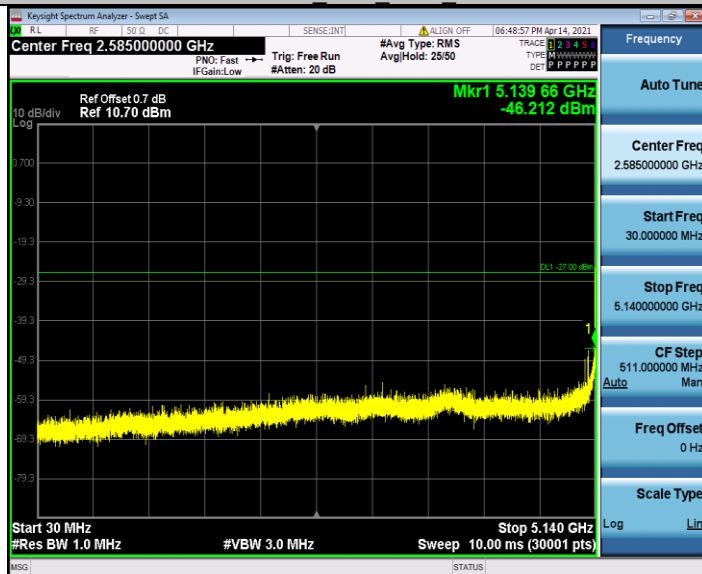
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



11AC20SISO Ant1 5180 30~5140



11AC20SISO Ant1 5180 5360~40000

