

Appendix E: Band edge measurements

Test Result U-NII-1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-42.63	≤-27	PASS
		High	5240	-45.64	≤-27	PASS
11N20SISO	Ant1	Low	5180	-43.62	≤-27	PASS
		High	5240	-45.32	≤-27	PASS
11N40SISO	Ant1	Low	5190	-42.88	≤-27	PASS
		High	5230	-45.34	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-43.7	≤-27	PASS
		High	5240	-44.76	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-42.75	≤-27	PASS
		High	5230	-45.12	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-43.61	≤-27	PASS
		High	5240	-45.5	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-43.06	≤-27	PASS
		High	5230	-45.42	≤-27	PASS

Test Graphs U-NII-3

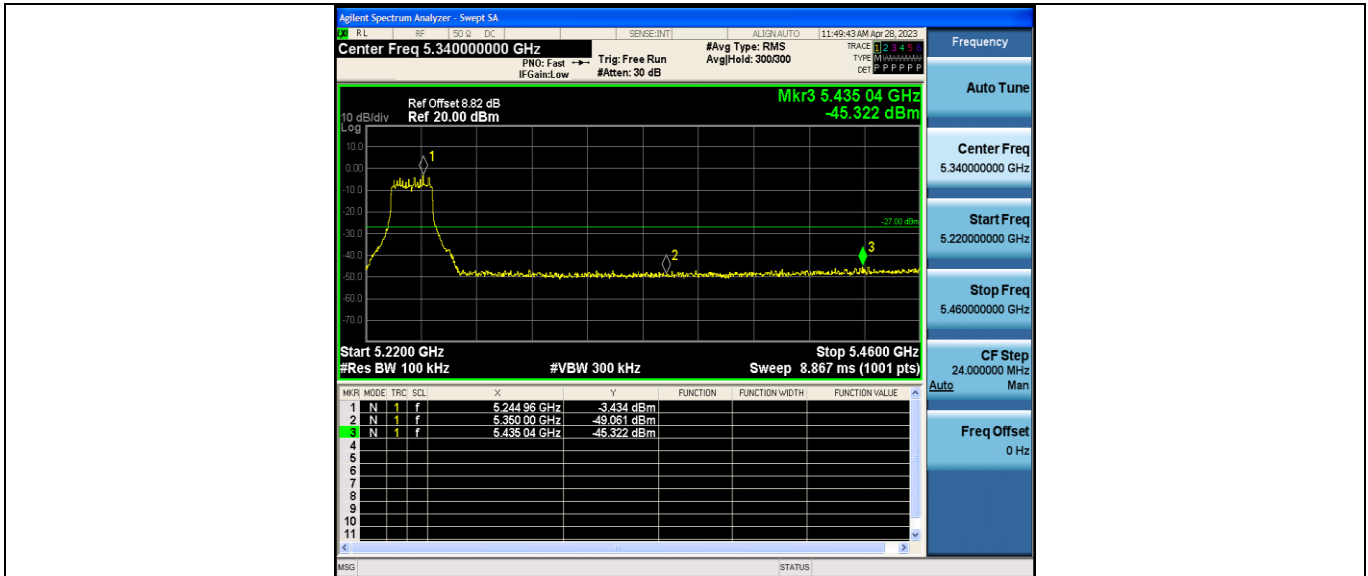
TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-46.23	≤-1.94	PASS
				5700~5720	-45.06	≤14.34	PASS
				5720~5725	-45.84	≤26.04	PASS
				5760~5650	-46.51	≤-27	PASS
		High	5825	5850~5855	-45.27	≤19.49	PASS
				5855~5875	-46.12	≤10.40	PASS
				5875~5925	-46.02	≤-2.98	PASS
				5925~5935	-46.26	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-46.81	≤-17.68	PASS
				5700~5720	-46.14	≤11.76	PASS
				5720~5725	-42.8	≤23.42	PASS
				5760~5650	-47.29	≤-27	PASS
		High	5825	5850~5855	-46.58	≤19.80	PASS
				5855~5875	-45.53	≤15.58	PASS
				5875~5925	-45.59	≤-5.18	PASS
				5925~5935	-46.33	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-46.64	≤7.16	PASS
				5700~5720	-45.68	≤14.18	PASS
				5720~5725	-43.76	≤17.58	PASS
				5780~5650	-47.24	≤-27	PASS
		High	5795	5850~5855	-45.48	≤18.29	PASS
				5855~5875	-45.52	≤11.06	PASS
				5875~5925	-45.46	≤-5.07	PASS
				5925~5935	-46.15	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-46.62	≤5.55	PASS
				5700~5720	-46.51	≤15.50	PASS
				5720~5725	-44.52	≤26.04	PASS
				5760~5650	-47.79	≤-27	PASS
		High	5825	5850~5855	-45.8	≤26.87	PASS
				5855~5875	-45.32	≤10.36	PASS
				5875~5925	-45.47	≤-2.88	PASS
				5925~5935	-45.73	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-46.01	≤-5.03	PASS
				5700~5720	-44.86	≤14.90	PASS
				5720~5725	-42.79	≤19.12	PASS
				5780~5650	-47.54	≤-27	PASS
		High	5795	5850~5855	-45.71	≤17.16	PASS
				5855~5875	-45.16	≤13.46	PASS
				5875~5925	-45.39	≤-12.39	PASS
				5925~5935	-46.3	≤-27	PASS

11AX20SISO	Ant1	Low	5745	5650~5700	-46.72	≤ -4.57	PASS
				5700~5720	-46.54	≤ 13.08	PASS
				5720~5725	-44.08	≤ 26.57	PASS
				5760~5650	-48.22	≤ -27	PASS
		High	5825	5850~5855	-45.33	≤ 18.26	PASS
				5855~5875	-45.59	≤ 15.20	PASS
				5875~5925	-44.27	≤ -5.18	PASS
				5925~5935	-46.39	≤ -27	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-46.77	≤ -2.33	PASS
				5700~5720	-43.61	≤ 15.24	PASS
				5720~5725	-43.79	≤ 25.28	PASS
				5780~5650	-46.49	≤ -27	PASS
		High	5795	5850~5855	-46.25	≤ 20.55	PASS
				5855~5875	-45.33	≤ 10.18	PASS
				5875~5925	-44.71	≤ 7.39	PASS
				5925~5935	-46.38	≤ -27	PASS

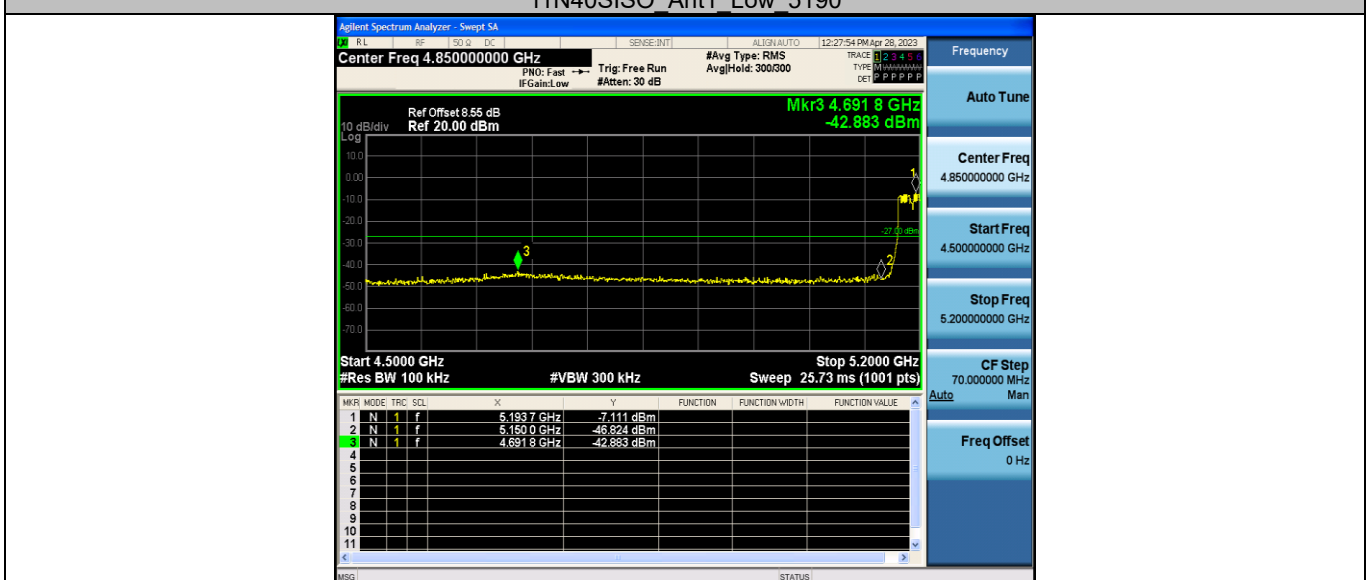
Note : The antenna gain is compensated in the graph.

Test Graphs U-NII-1

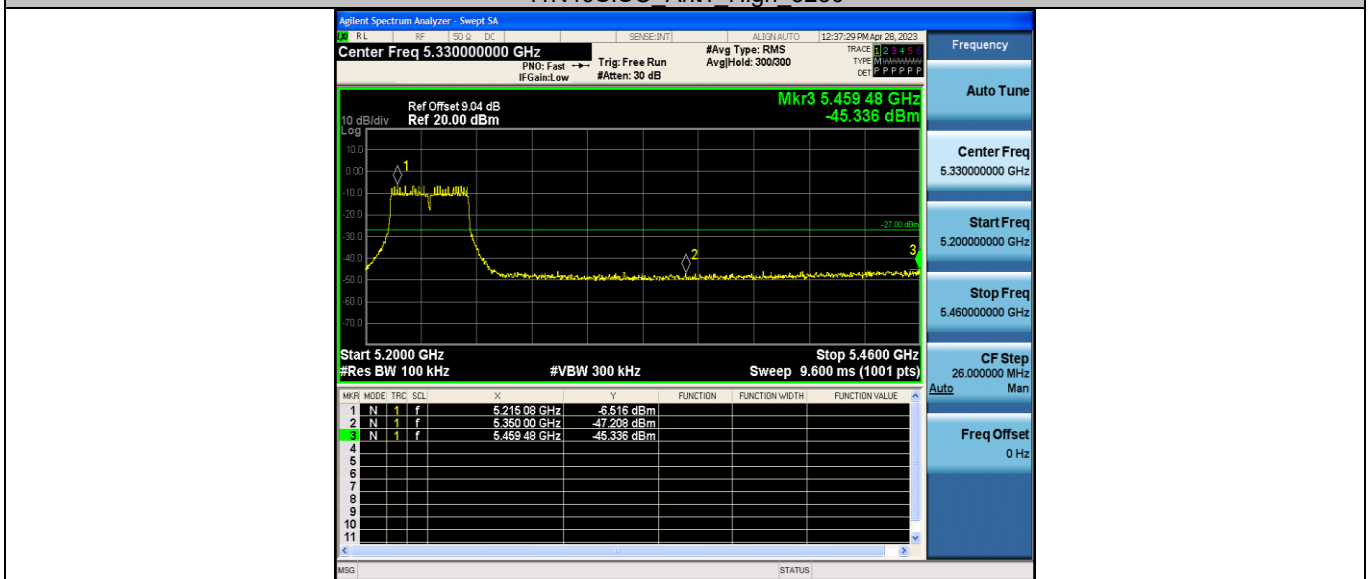




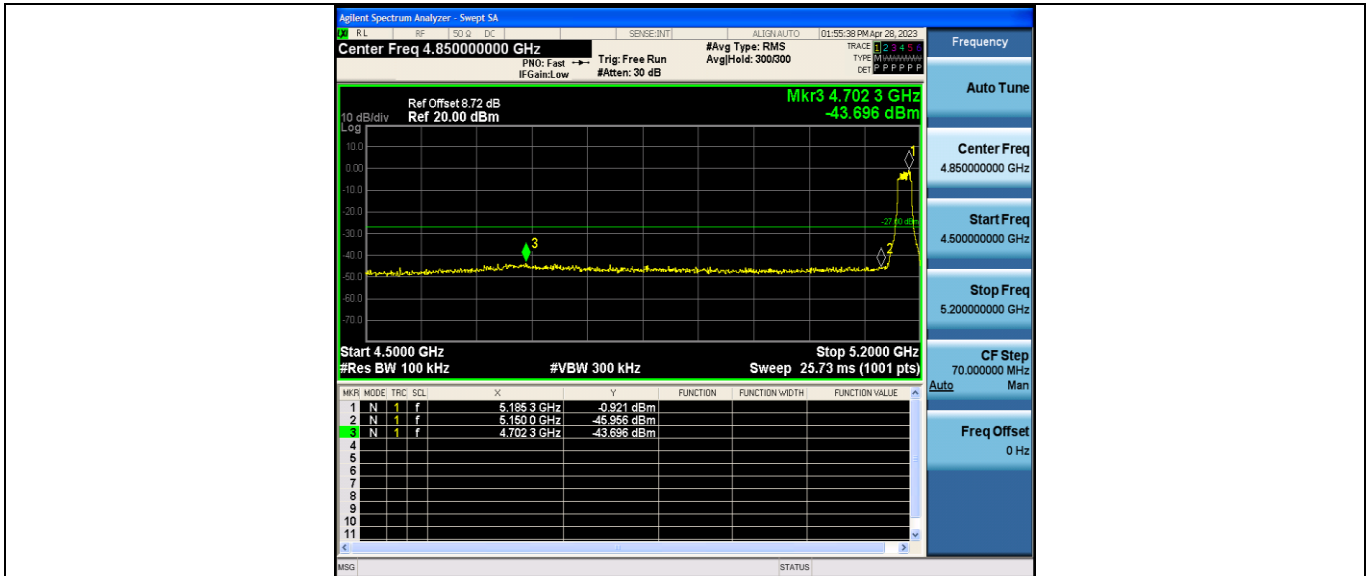
11N40SISO Ant1 Low 5190



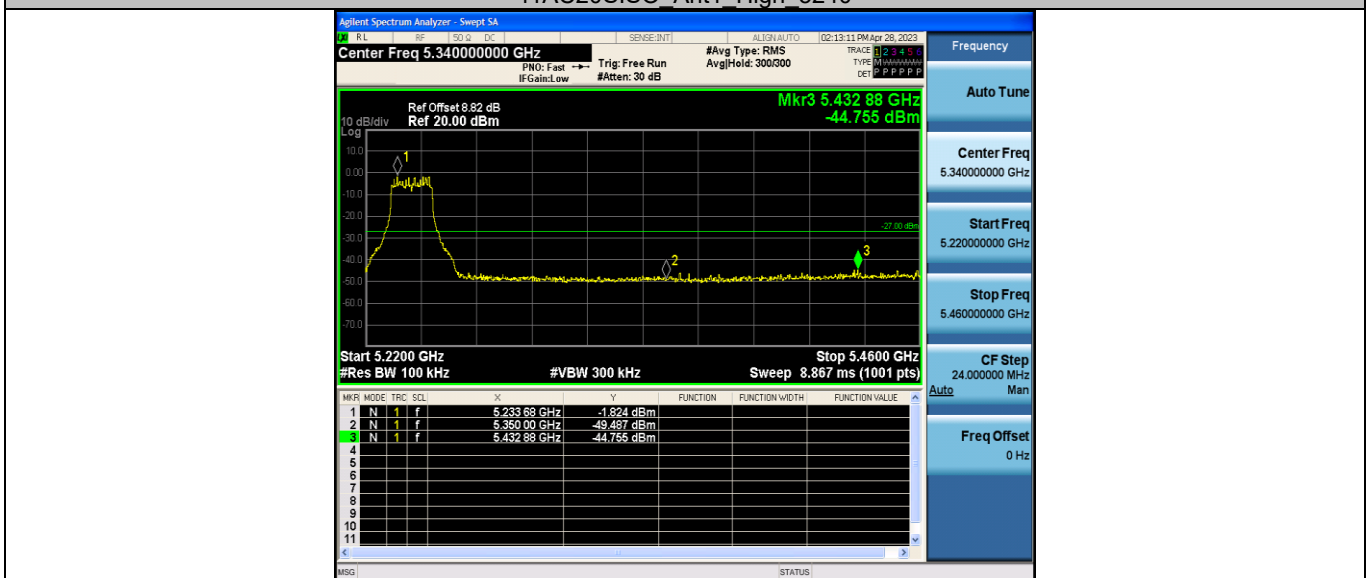
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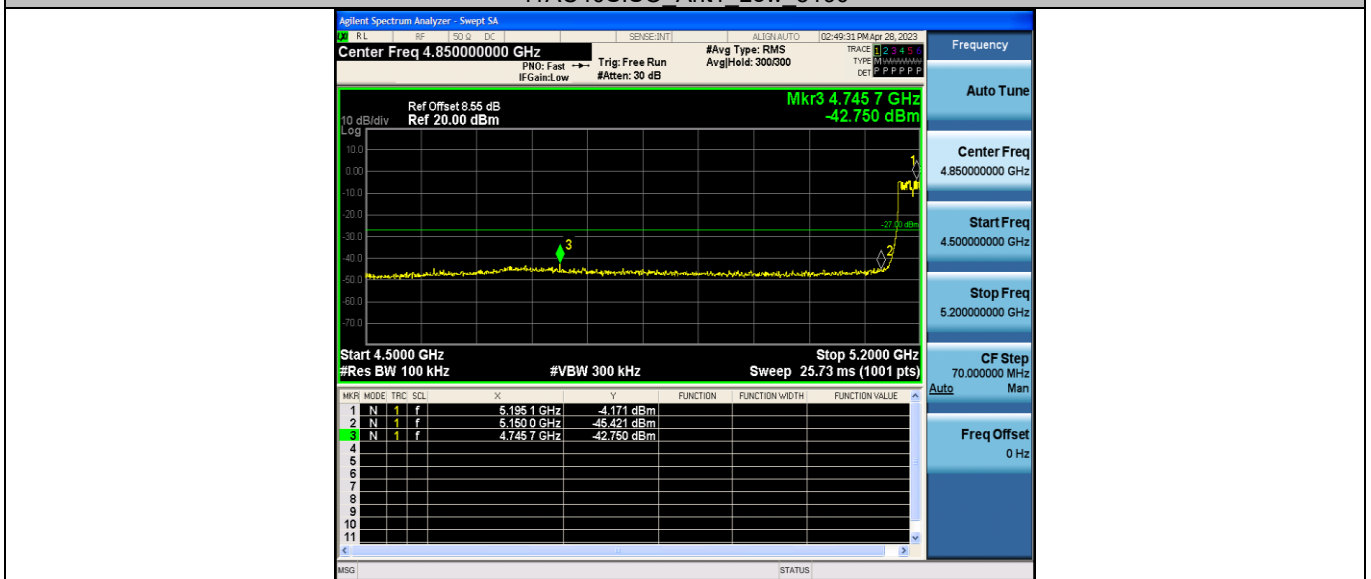
11A20SISO Ant1 Low 5180



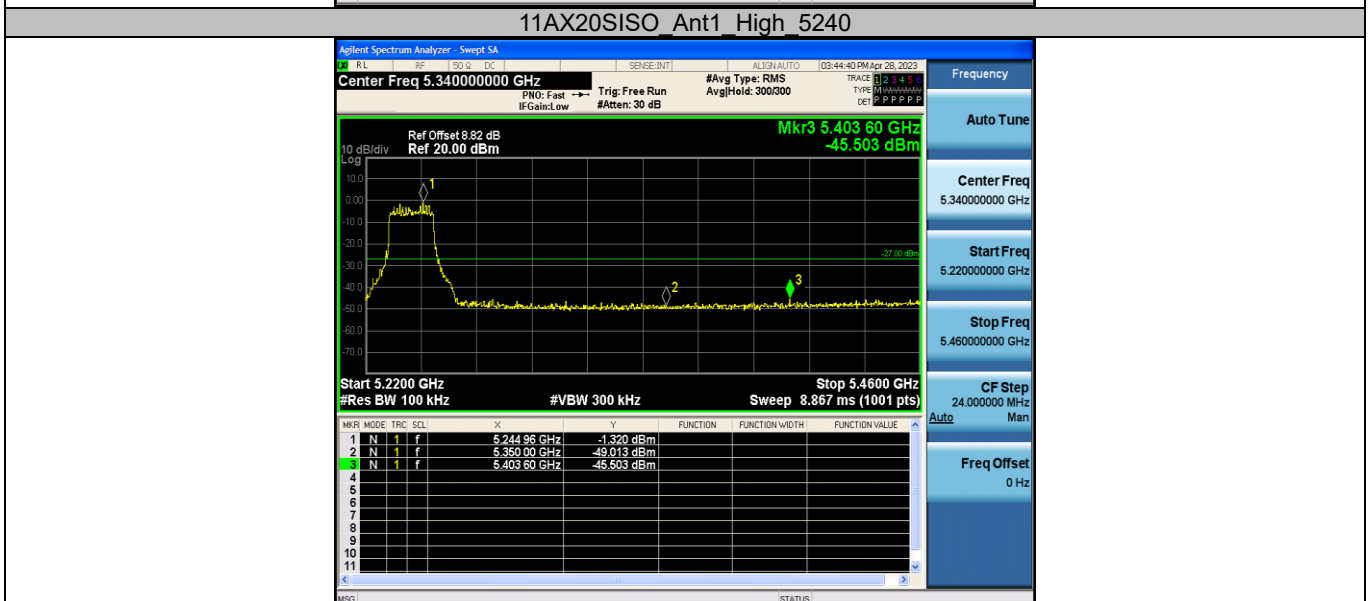
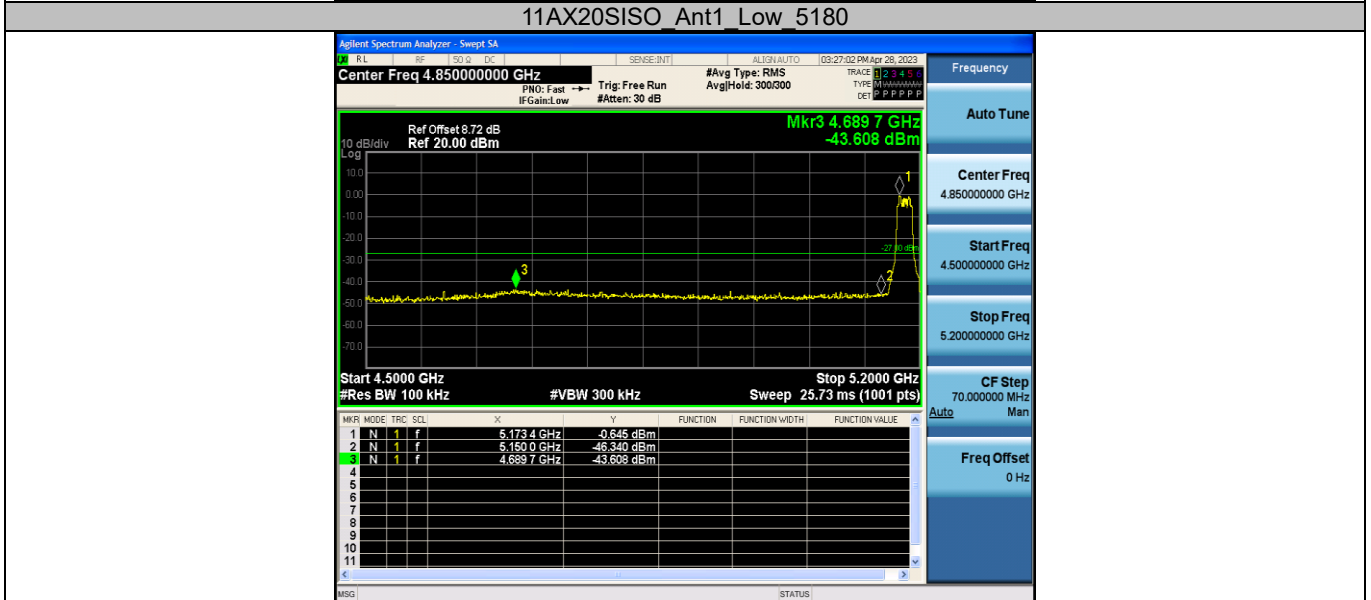
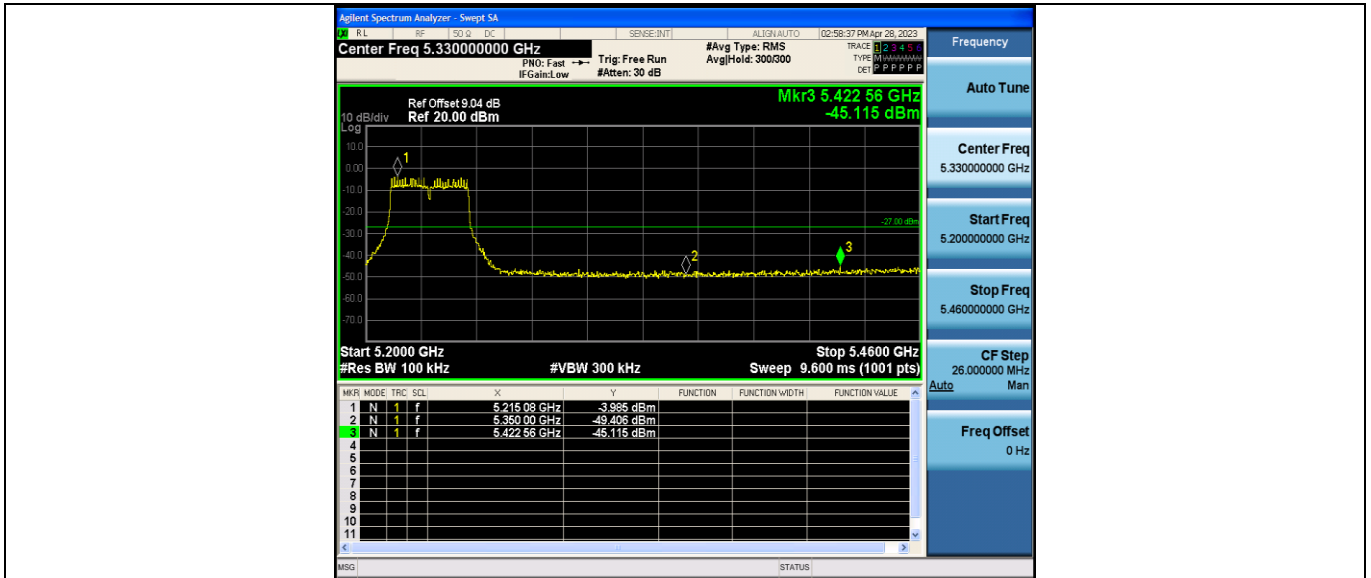
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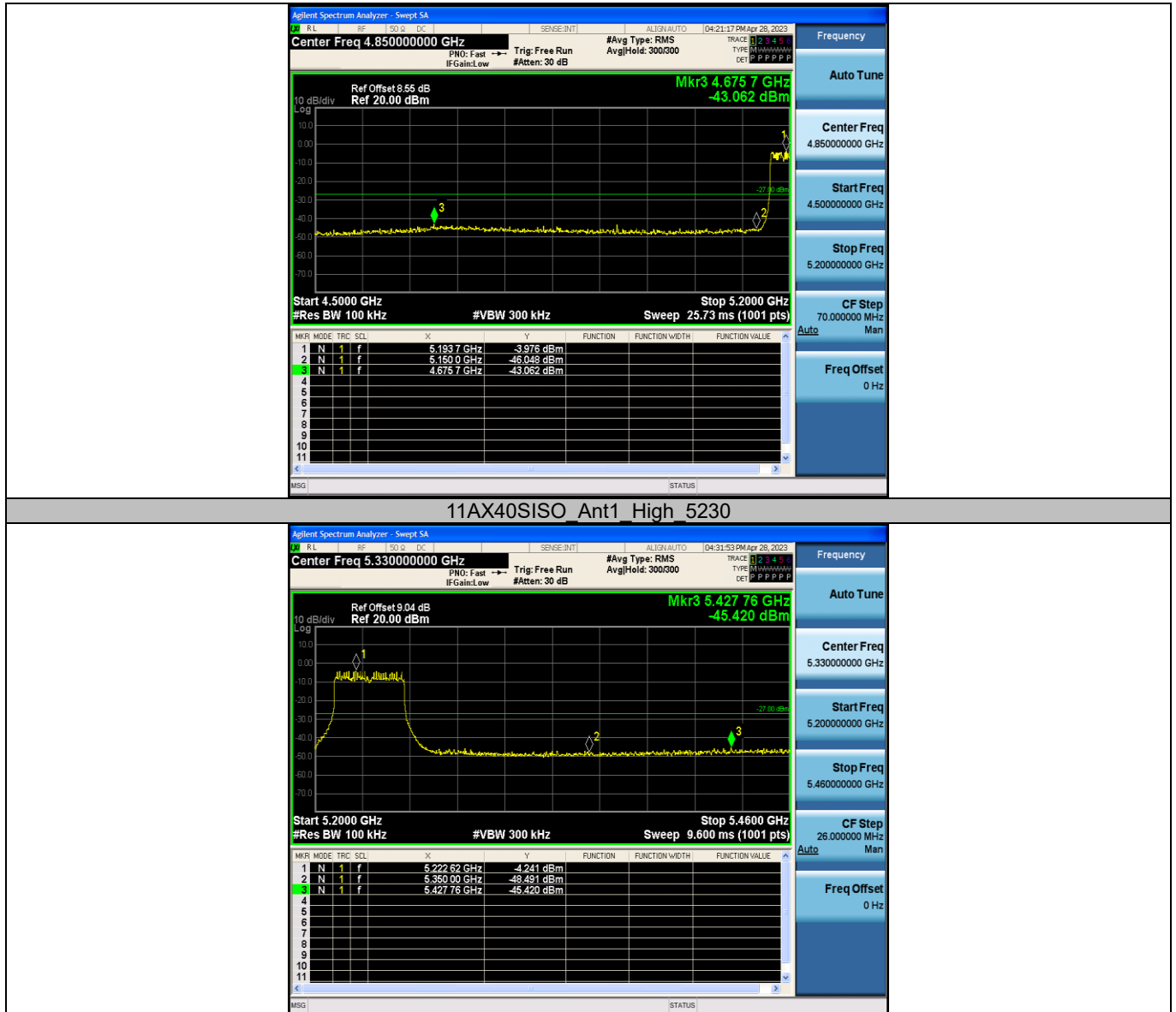


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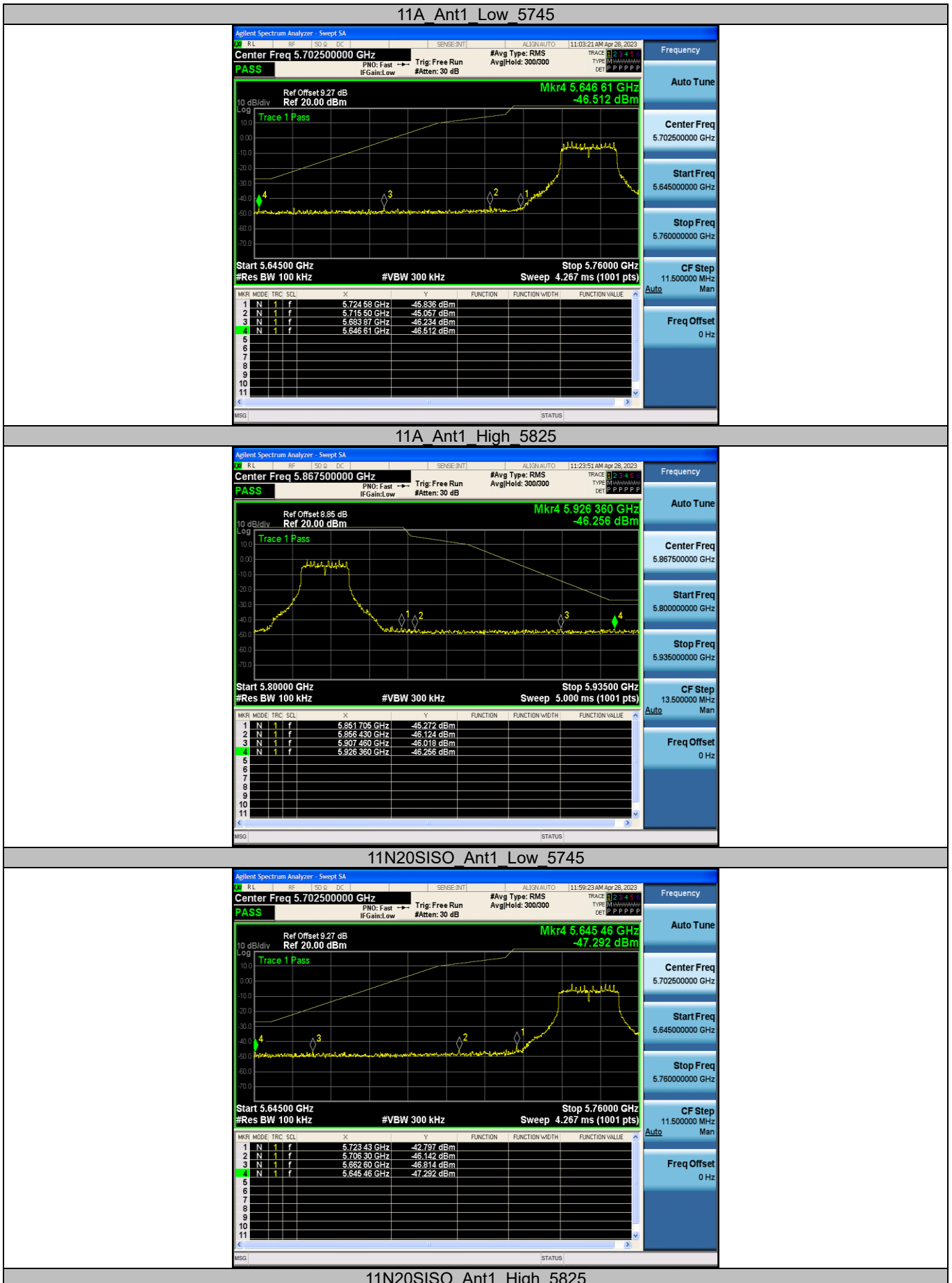


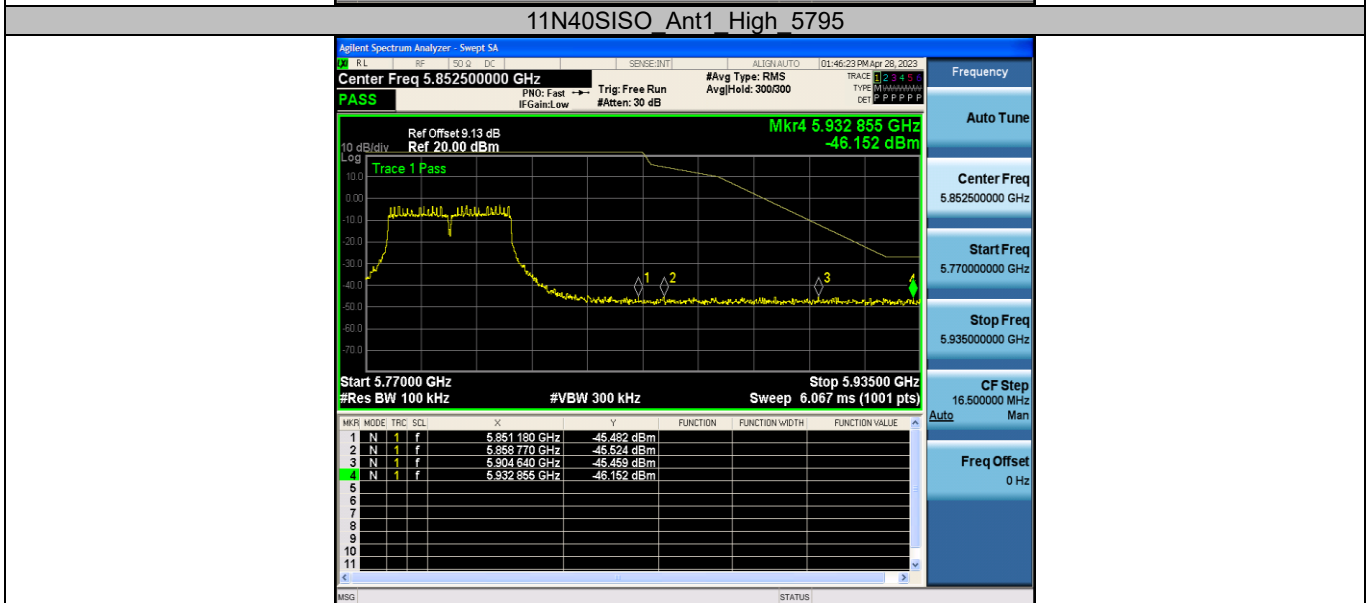
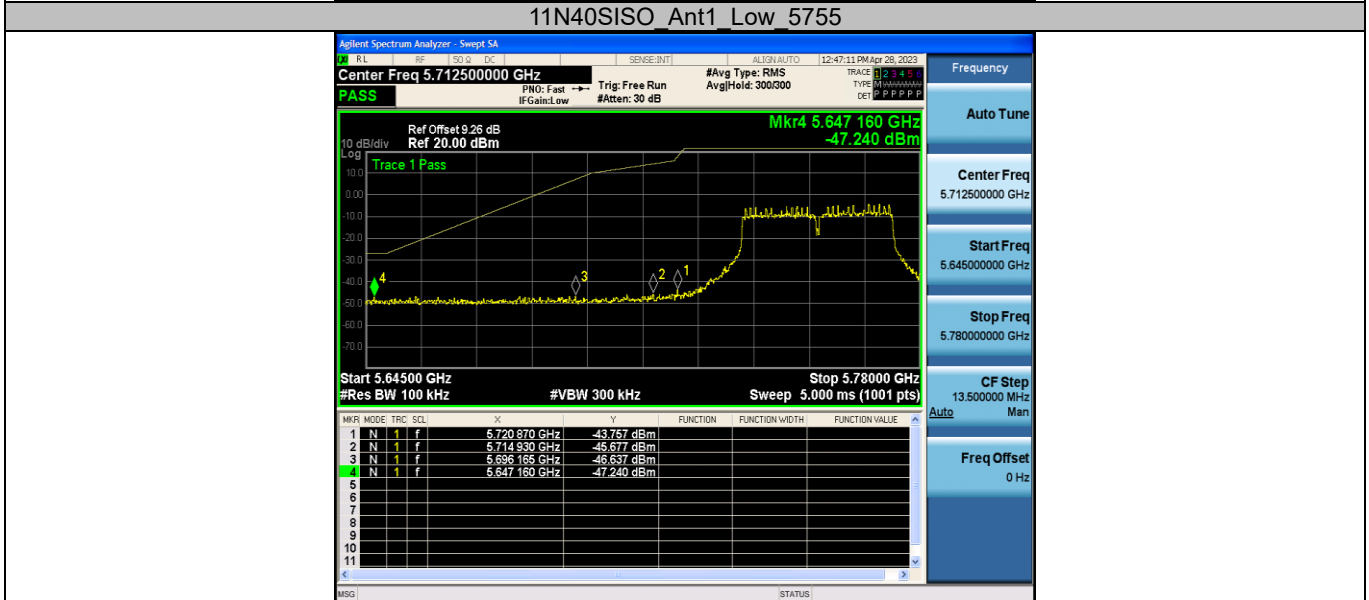
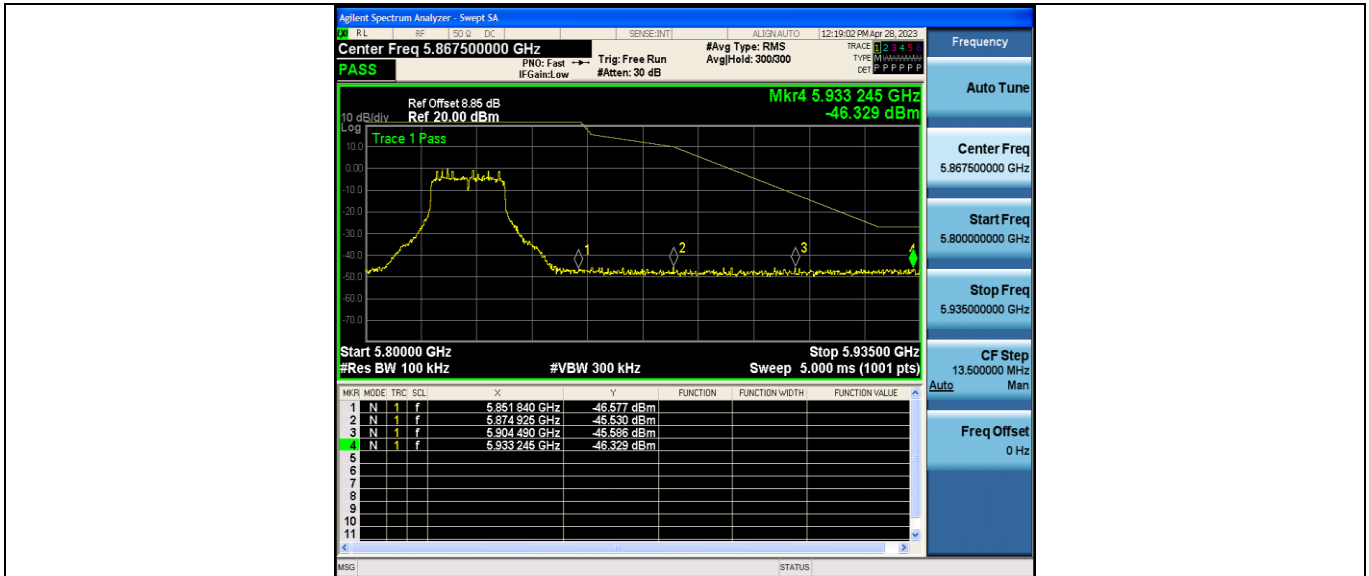
11AC40SISO Ant1 High 5230

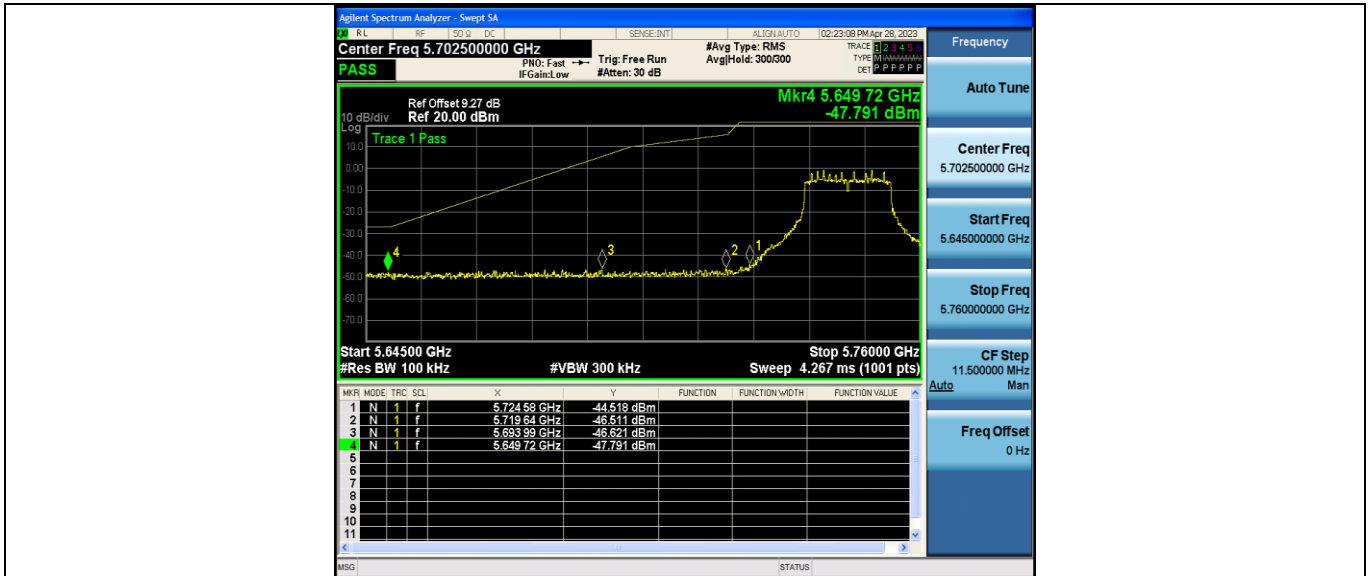




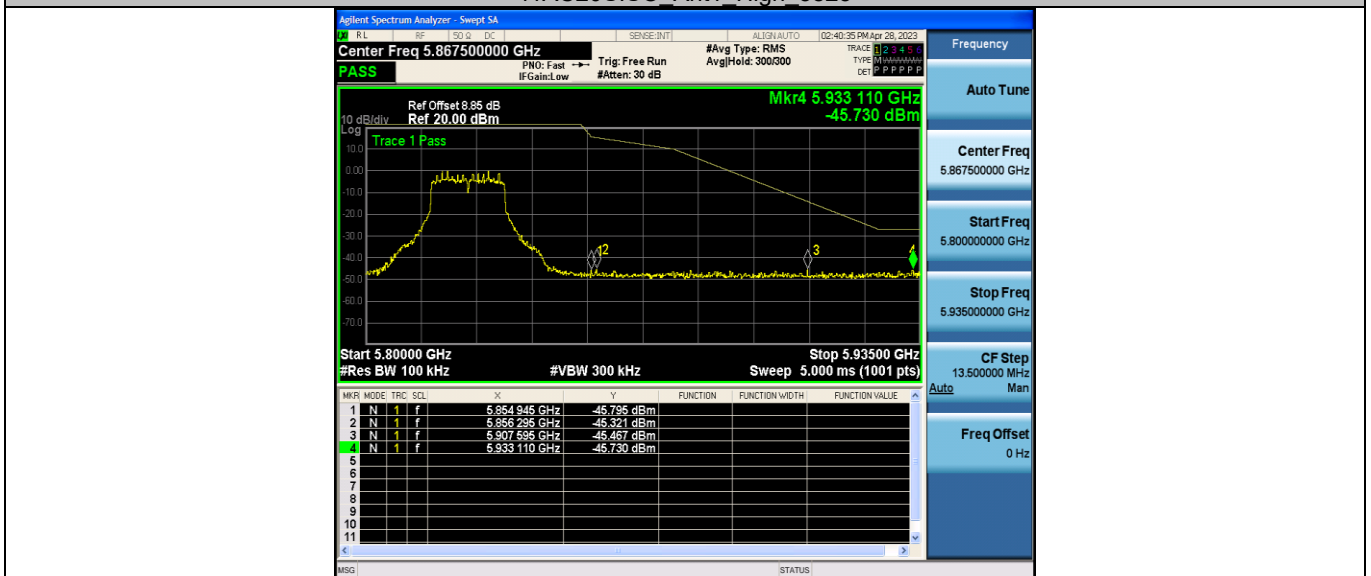
Test Graphs U-NII-3



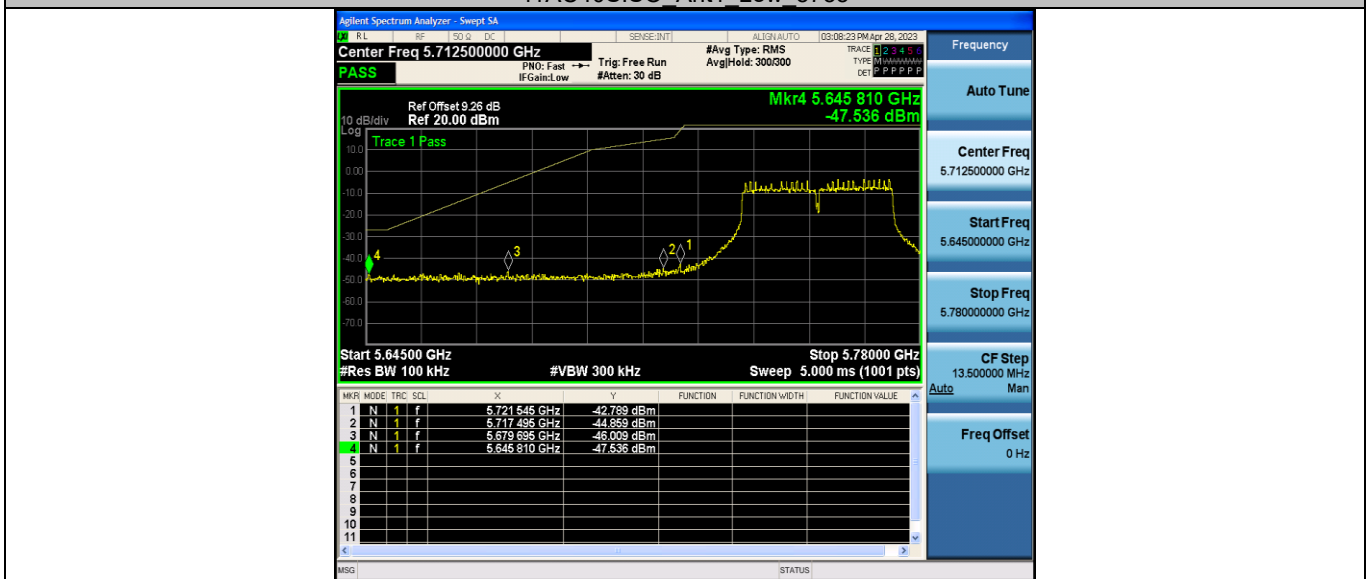




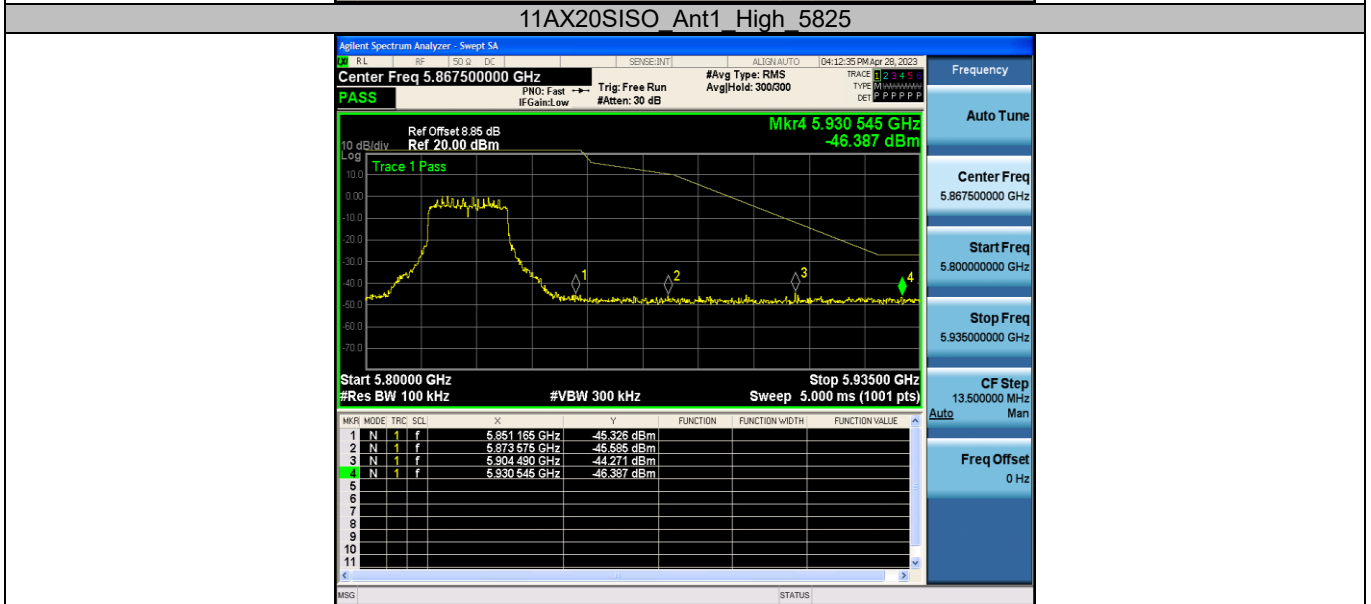
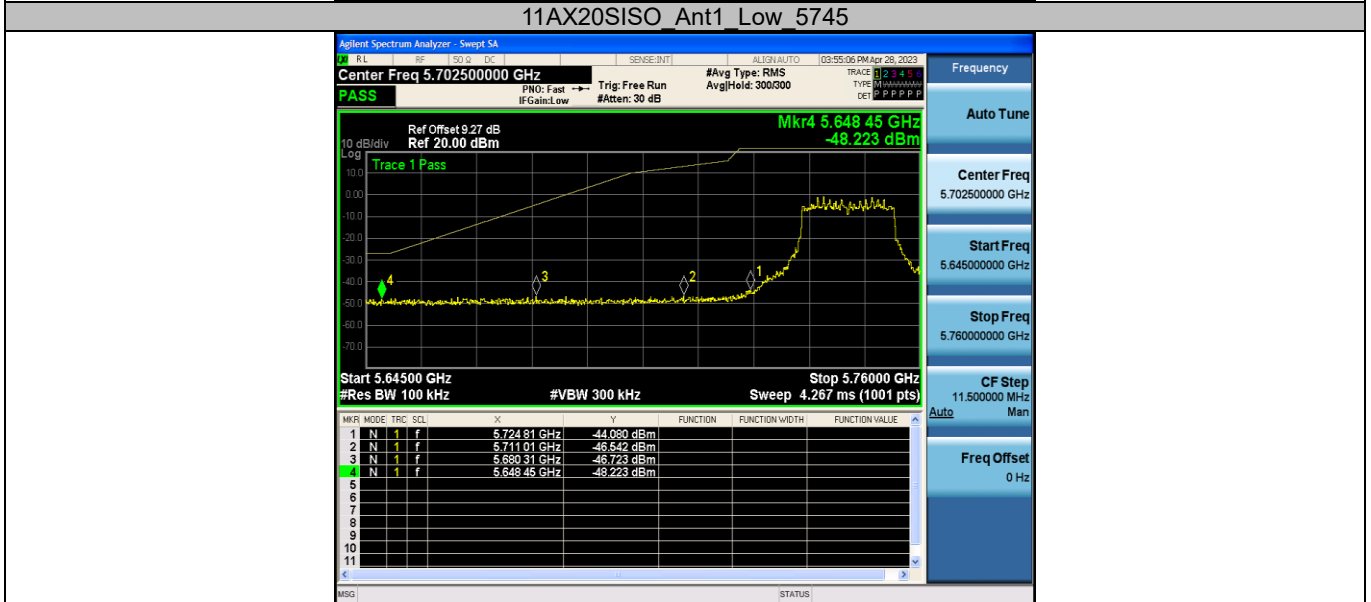
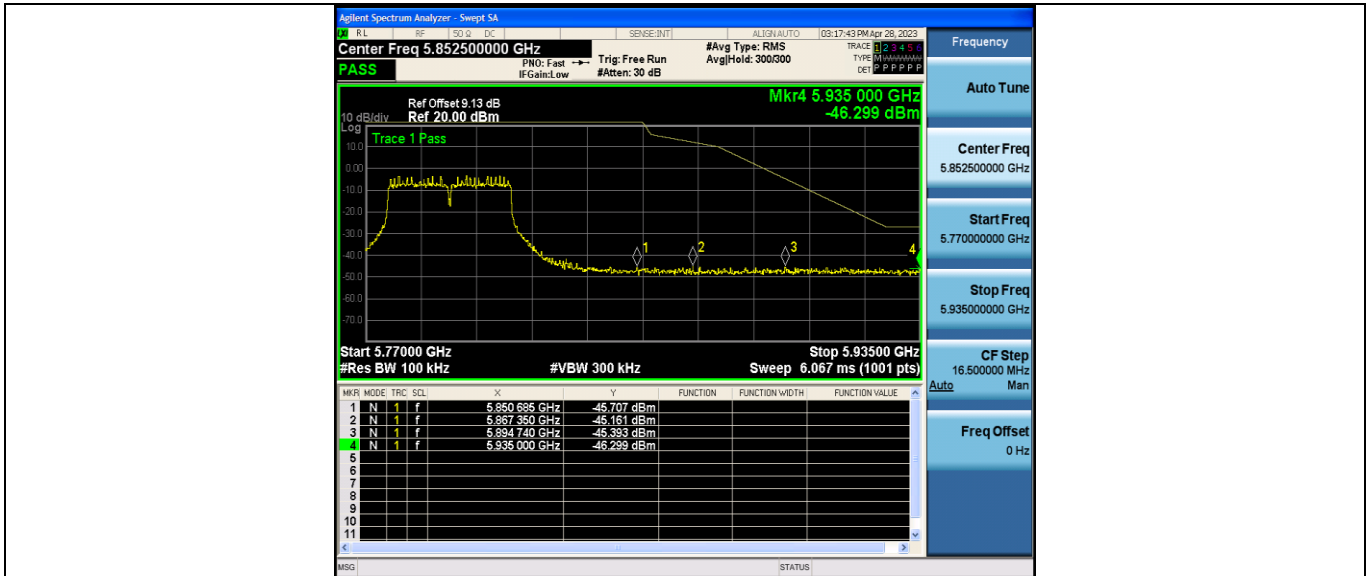
11AC20SISO Ant1 High 5825

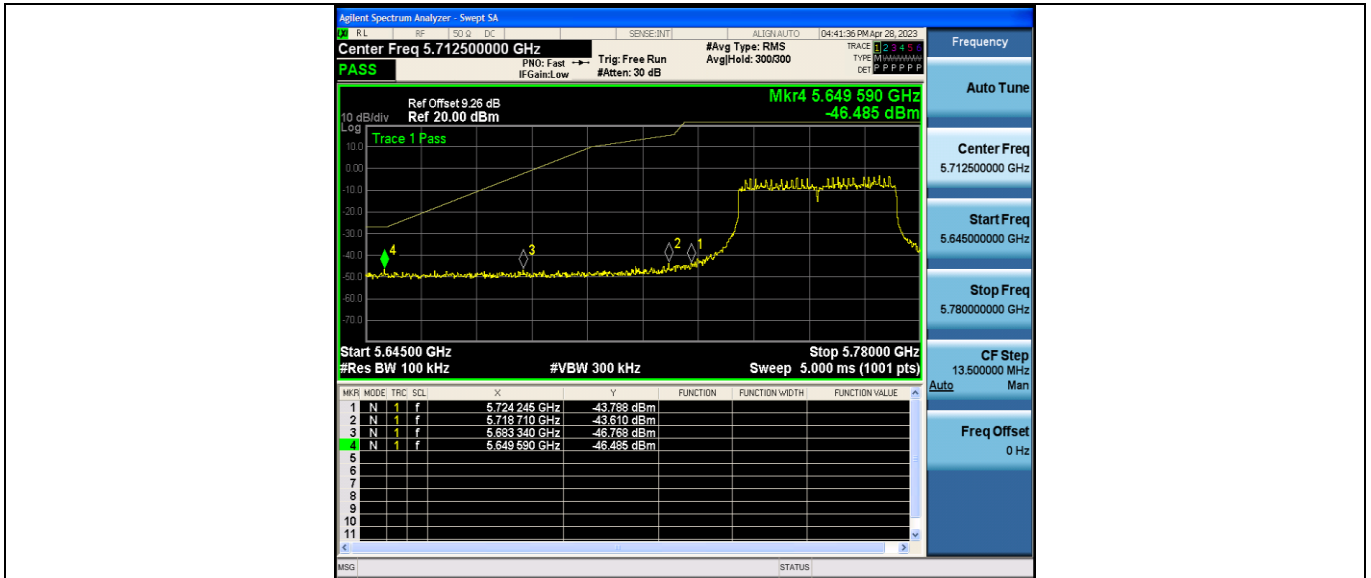


11AC40SISO Ant1 Low 5755

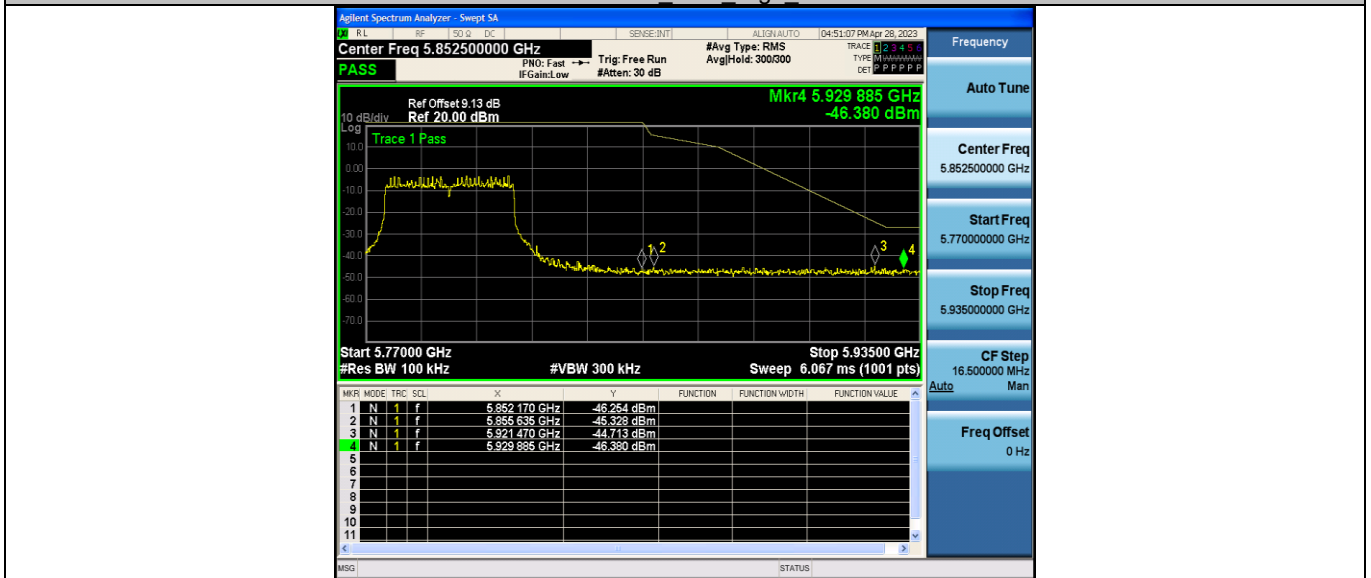


11AC40SISO Ant1 High 5795



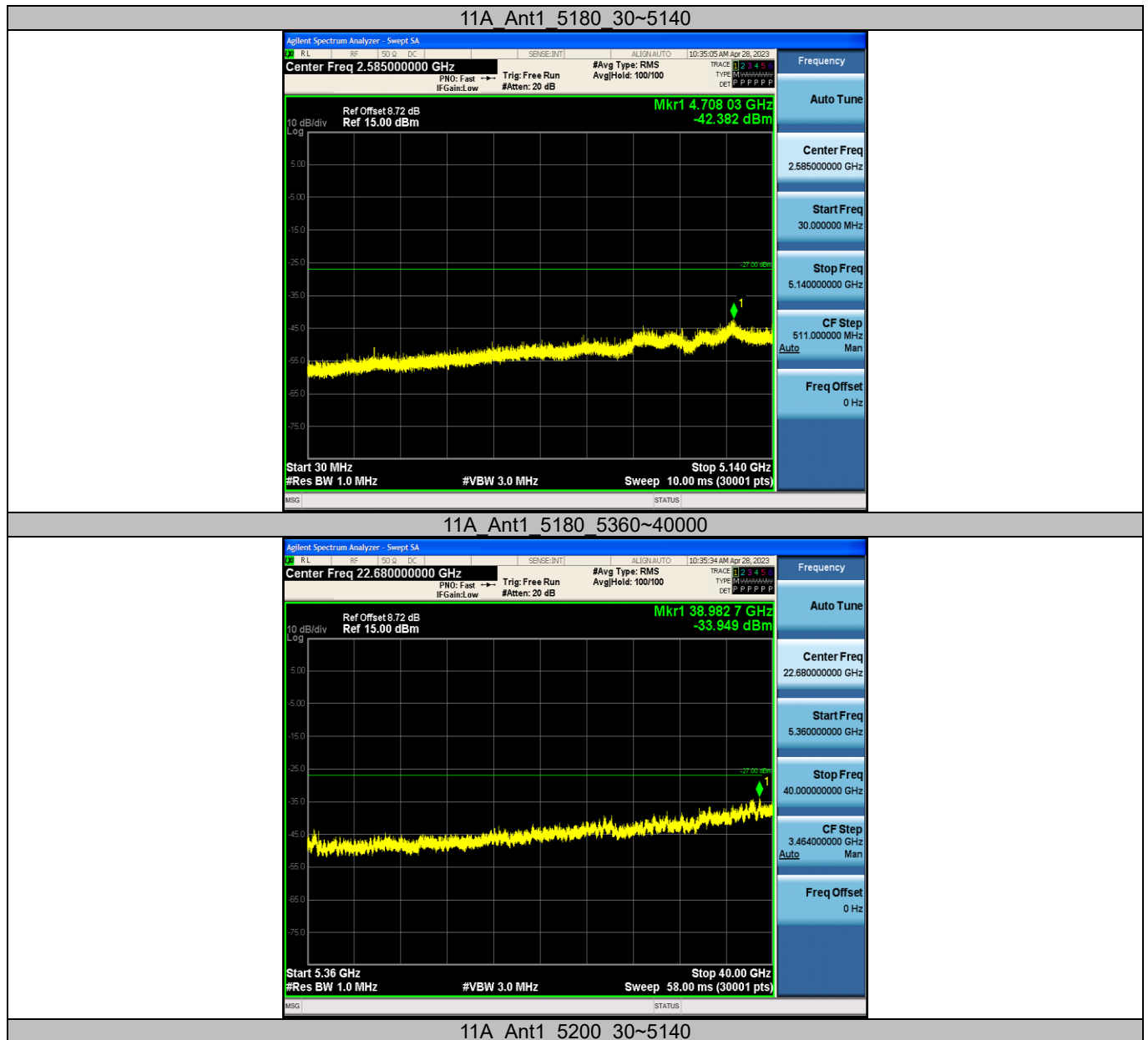


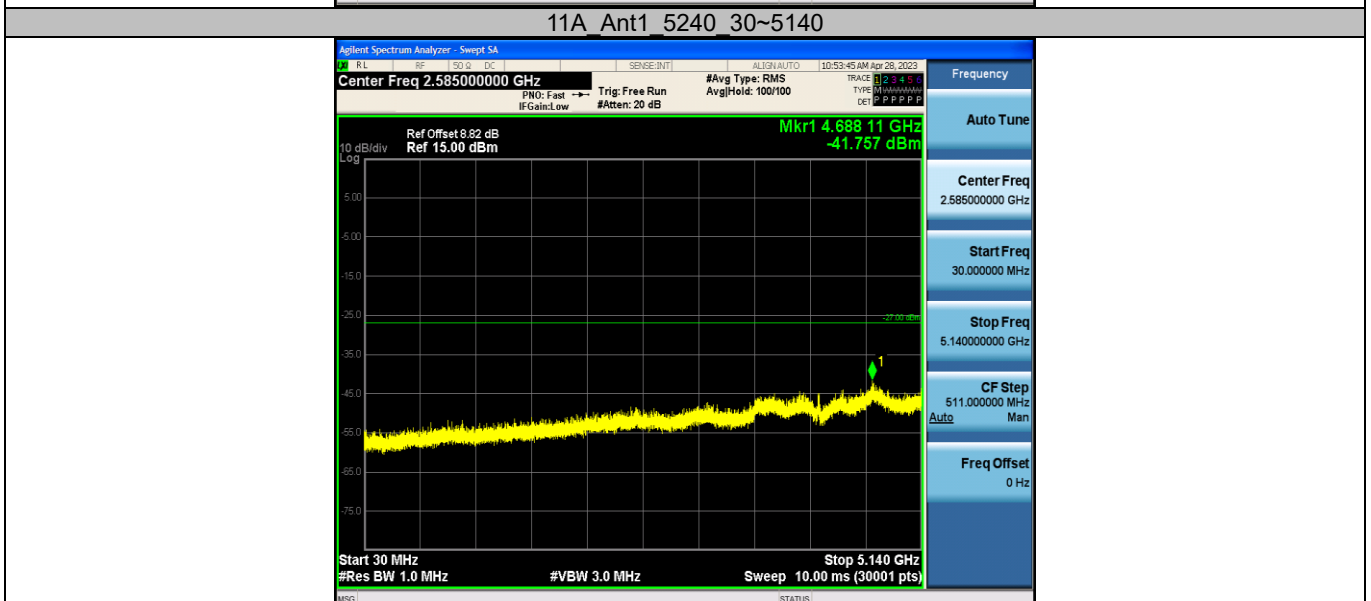
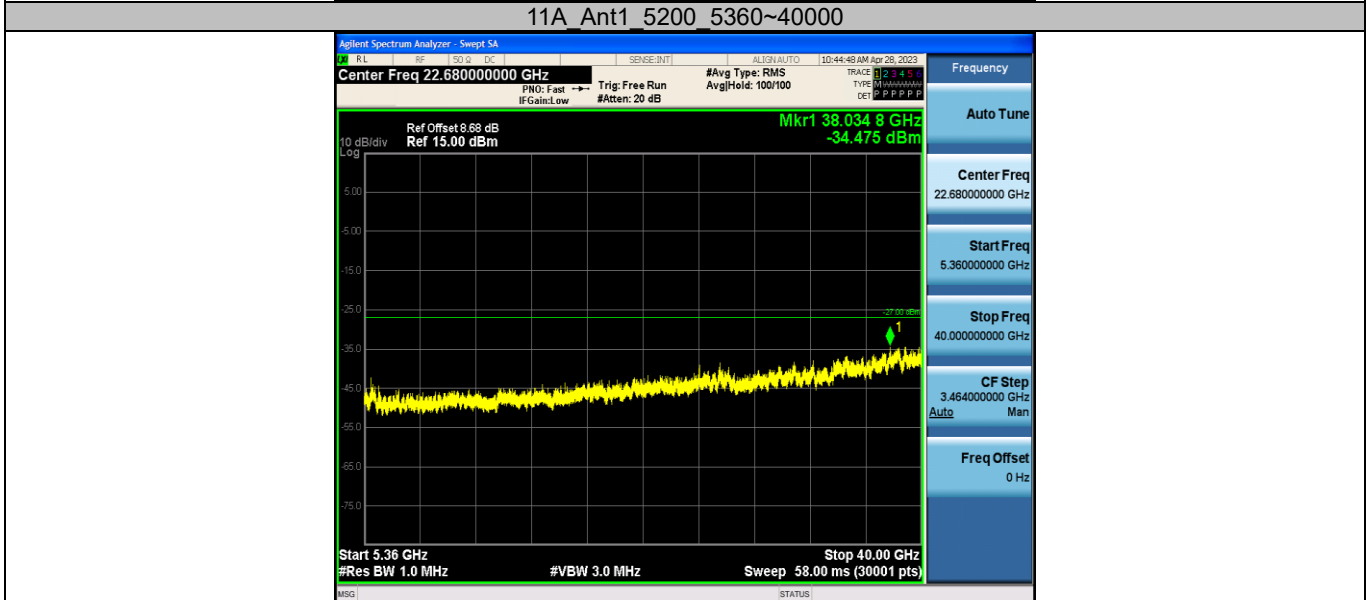
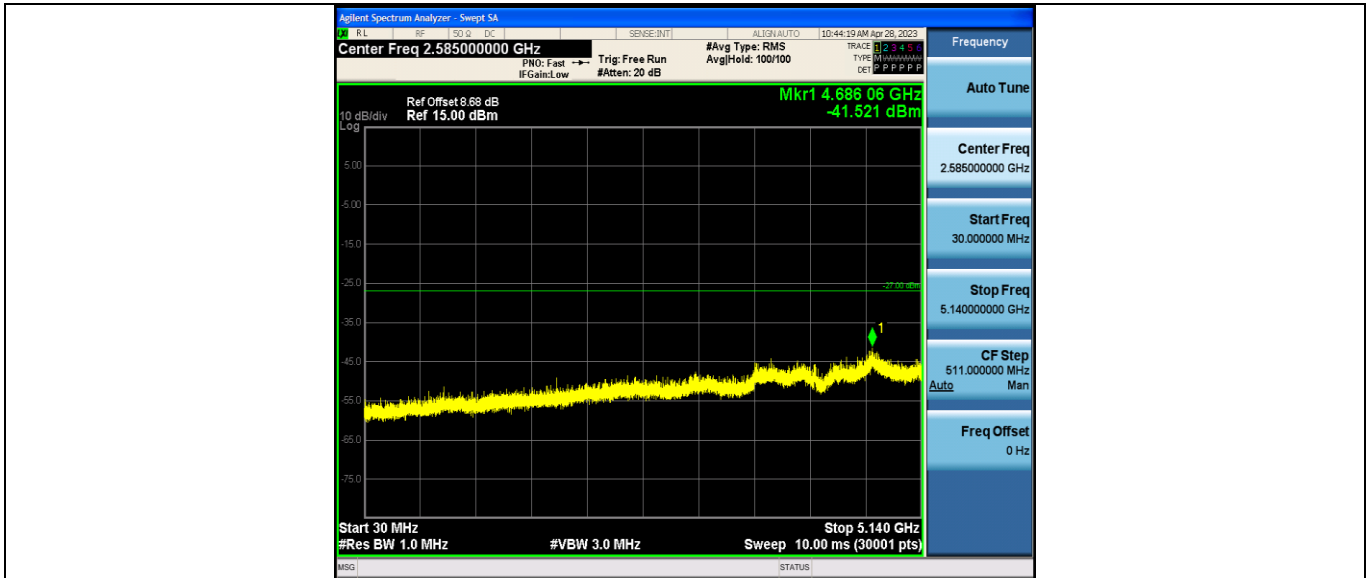
11AX40SISO Ant1 High 5795

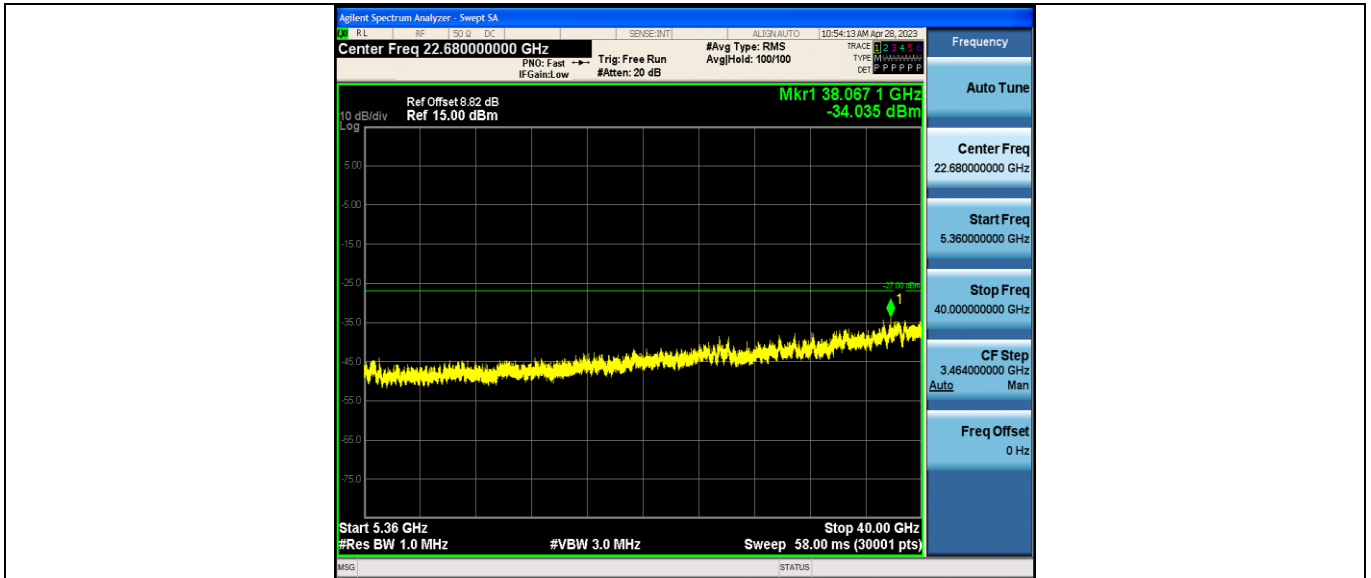


Appendix F: Conducted Spurious Emission

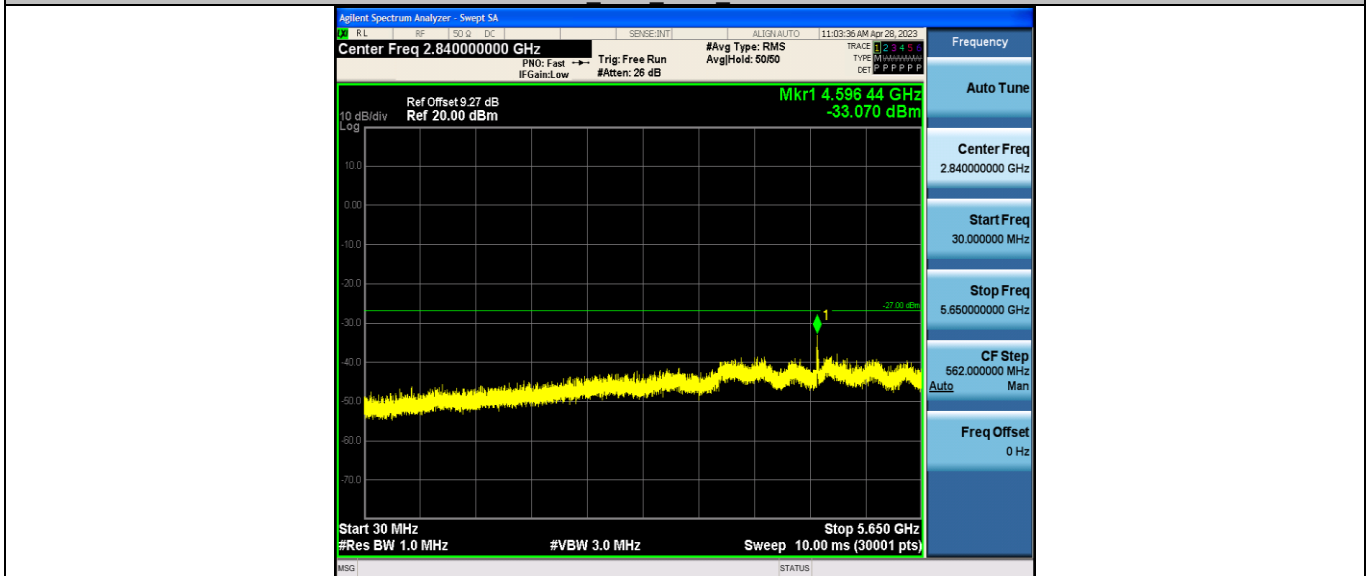
Test Graphs



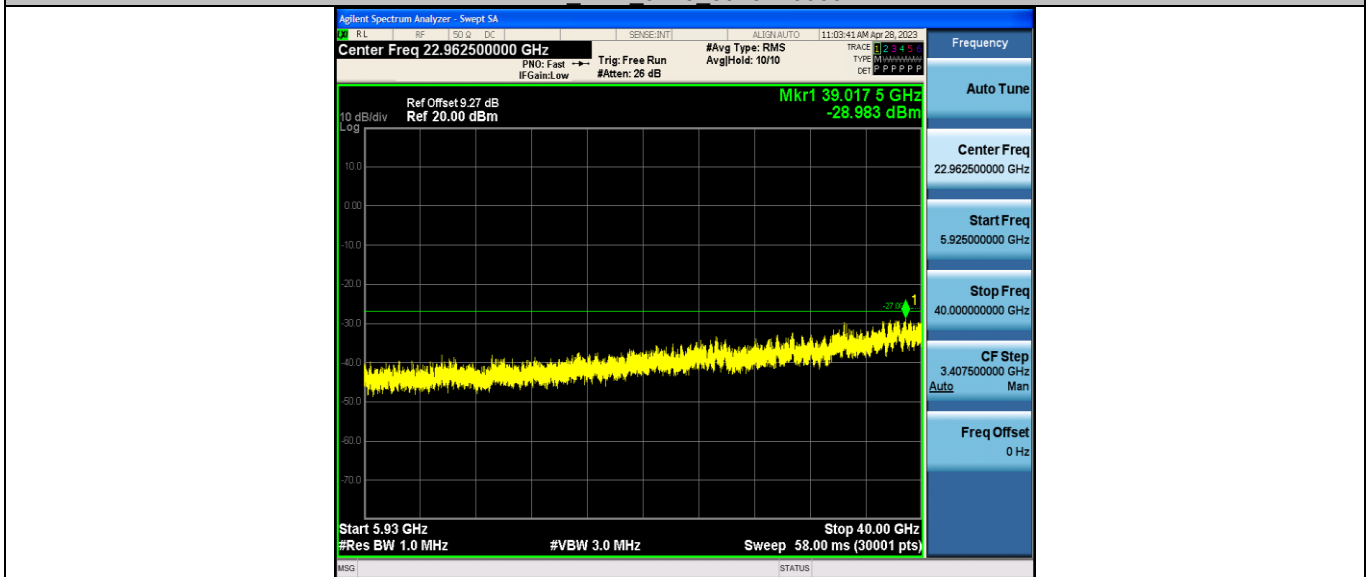




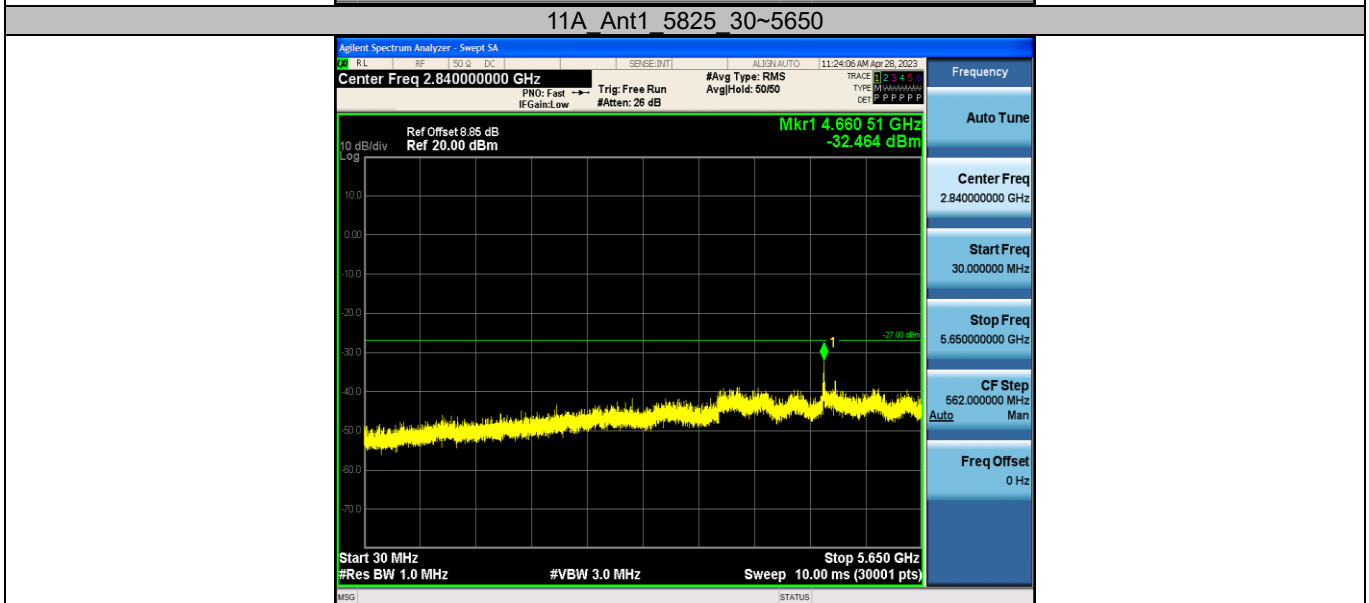
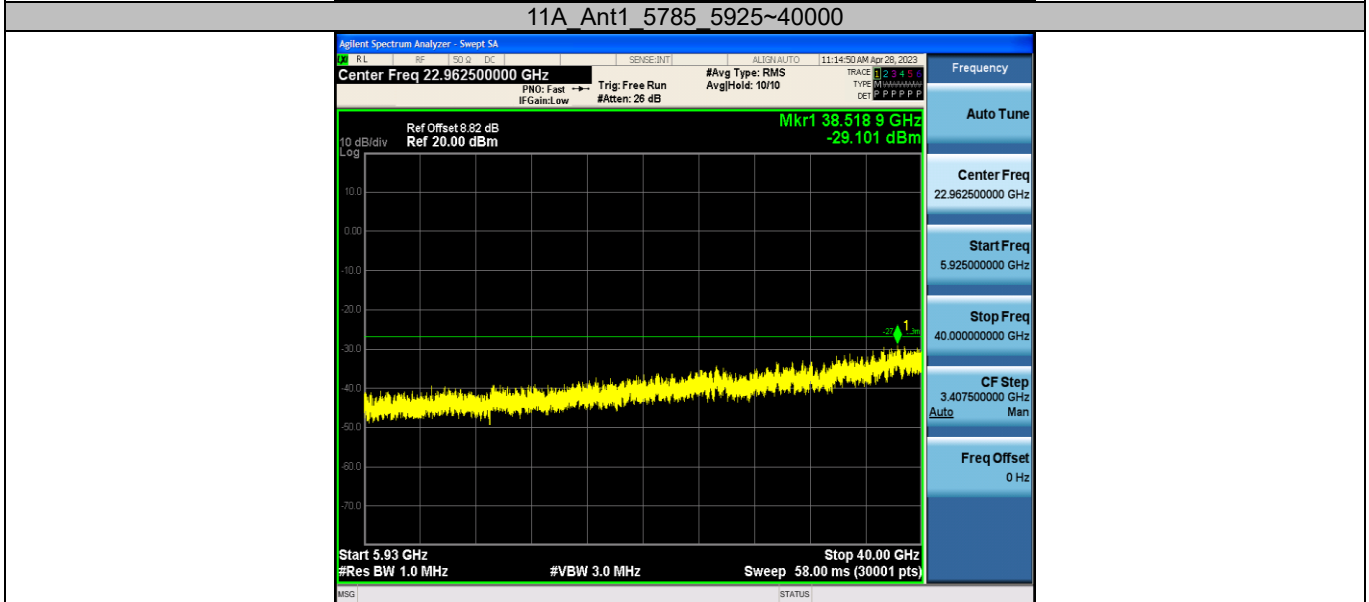
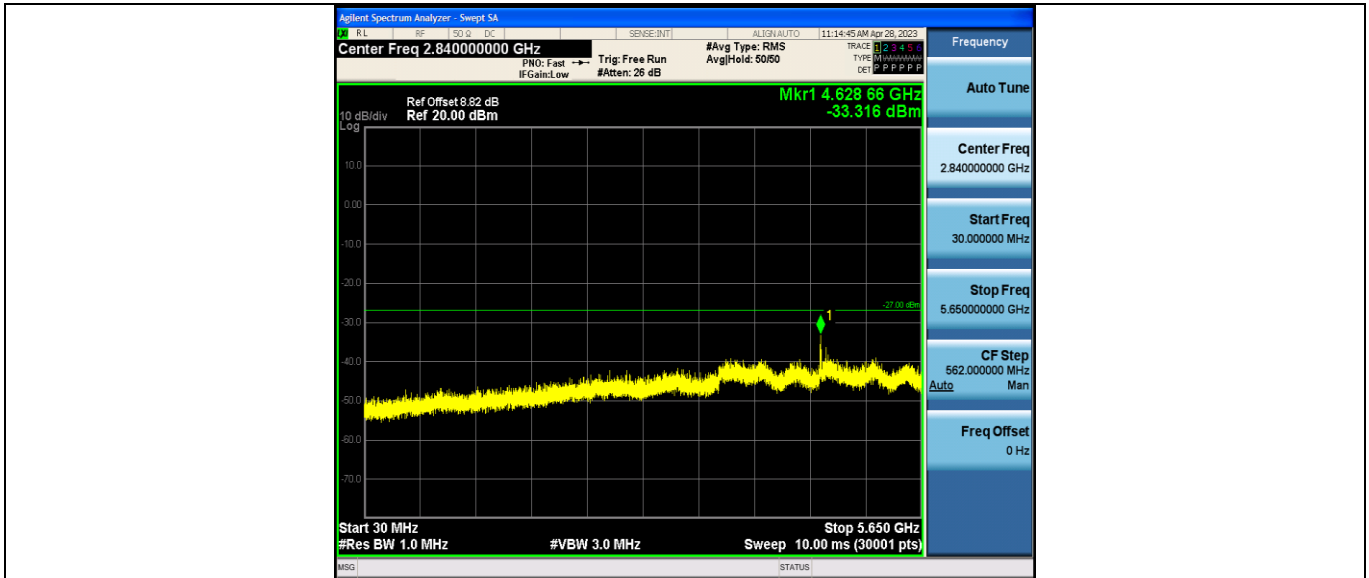
11A Ant1 5745 30~5650

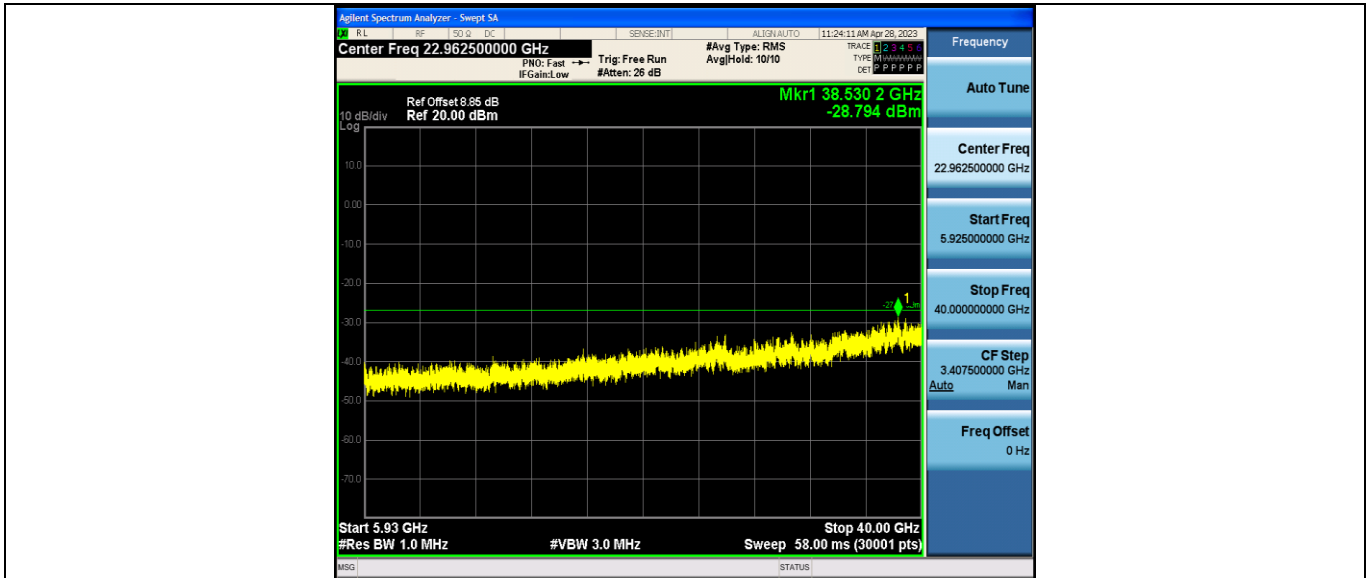


11A Ant1 5745 5925~40000

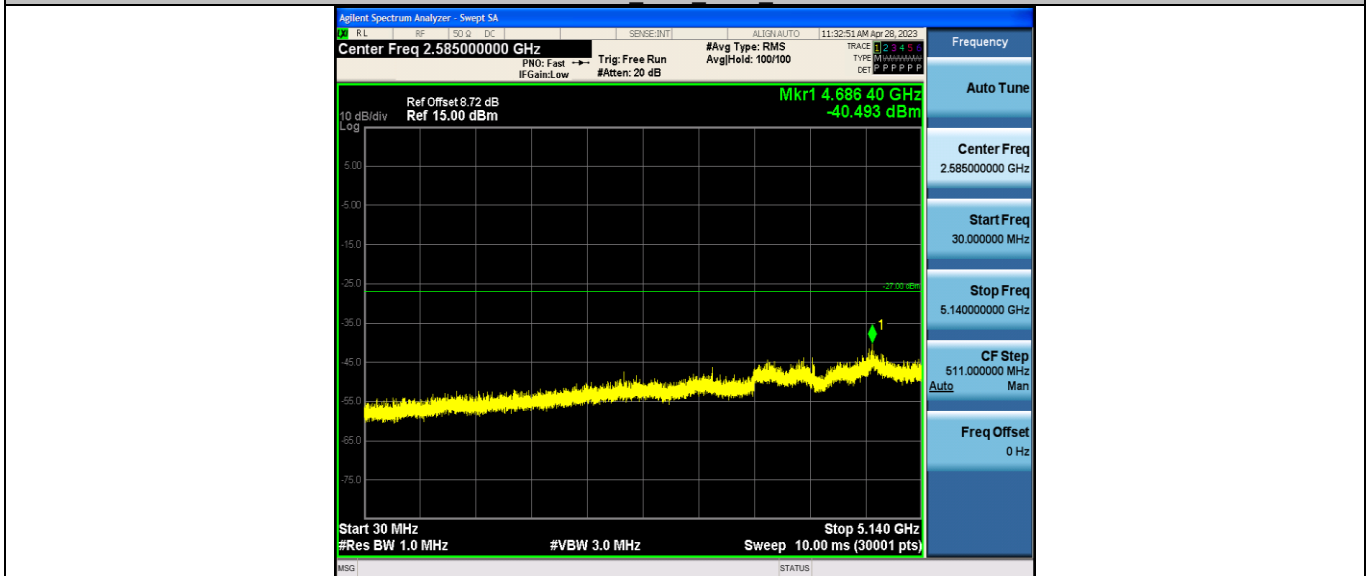


11A Ant1 5785 30~5650

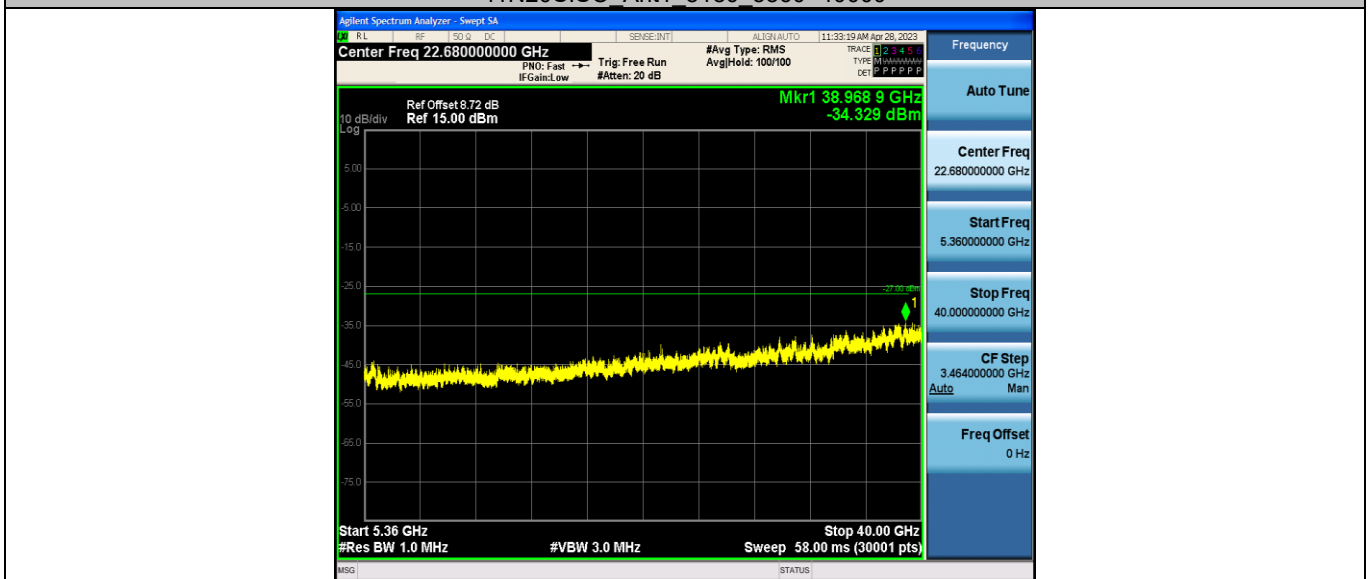




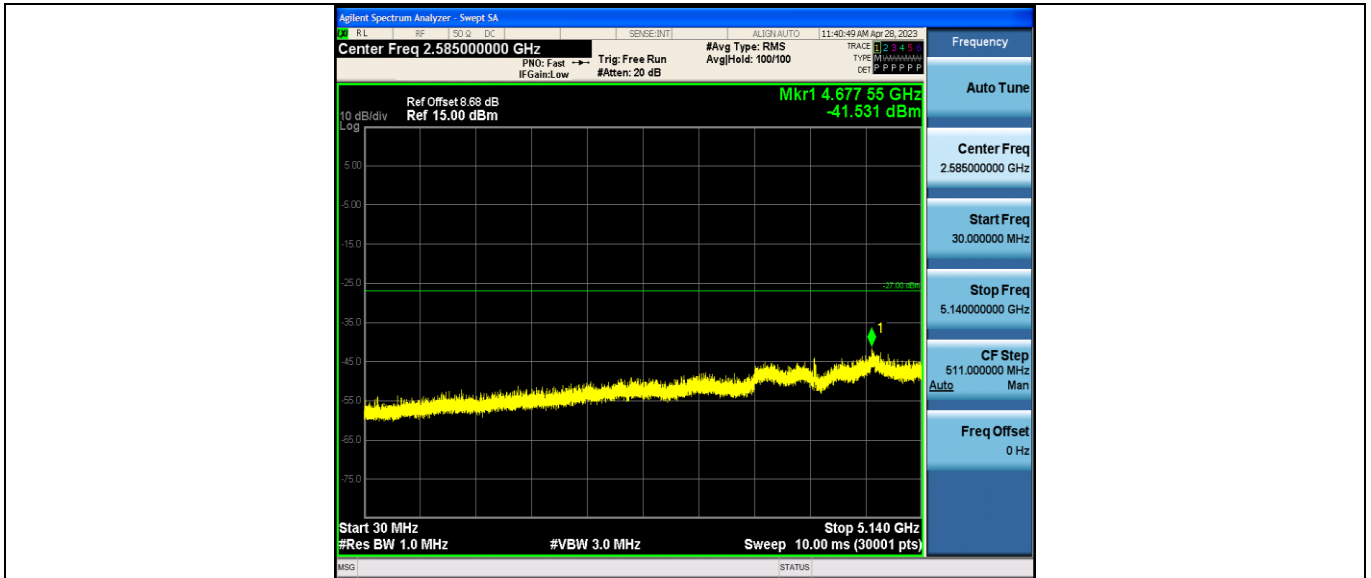
11N20SISO Ant1 5180_30~5140



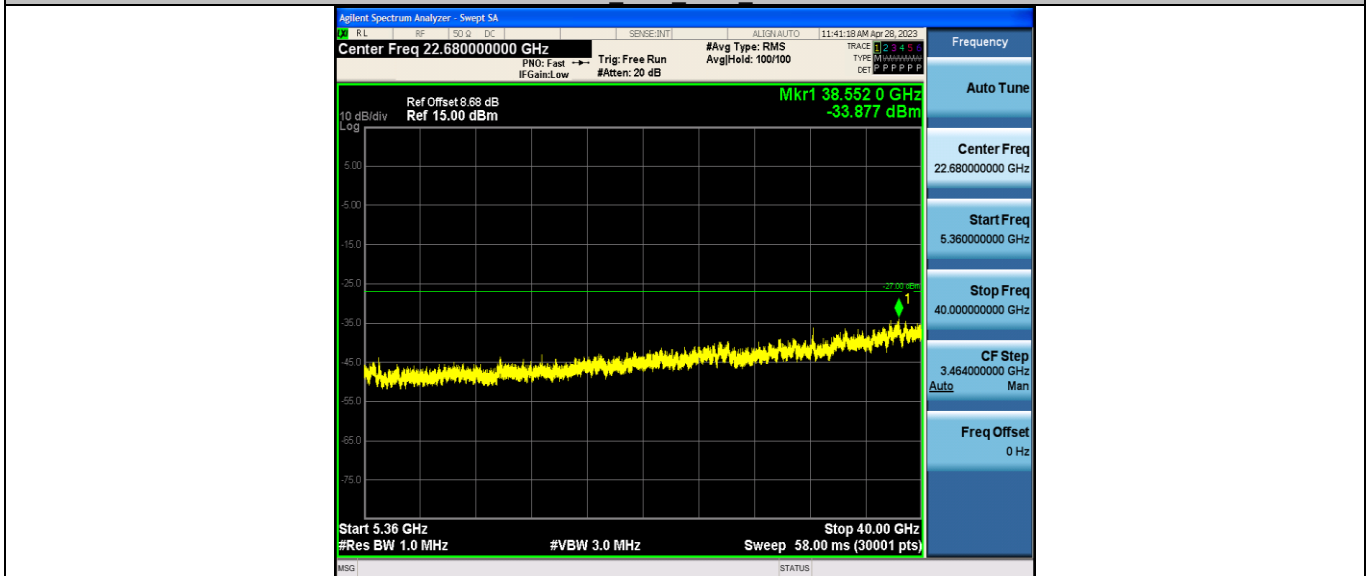
11N20SISO Ant1 5180_5360~40000



11N20SISO Ant1 5200_30~5140



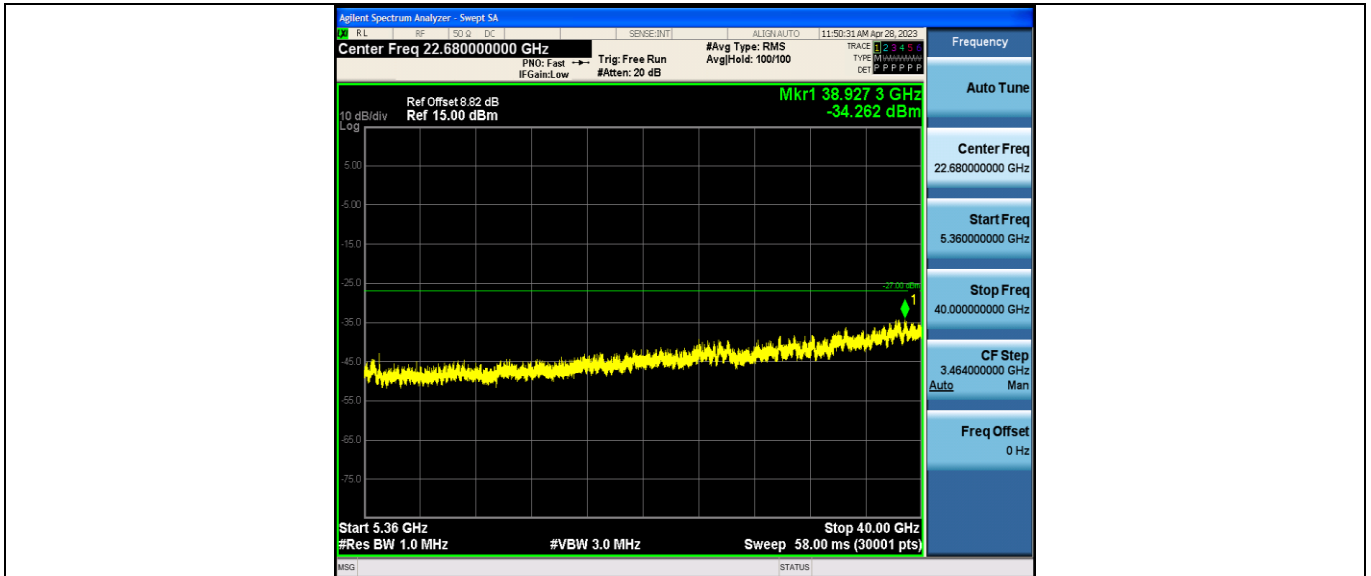
11N20SISO Ant1 5200 5360~40000



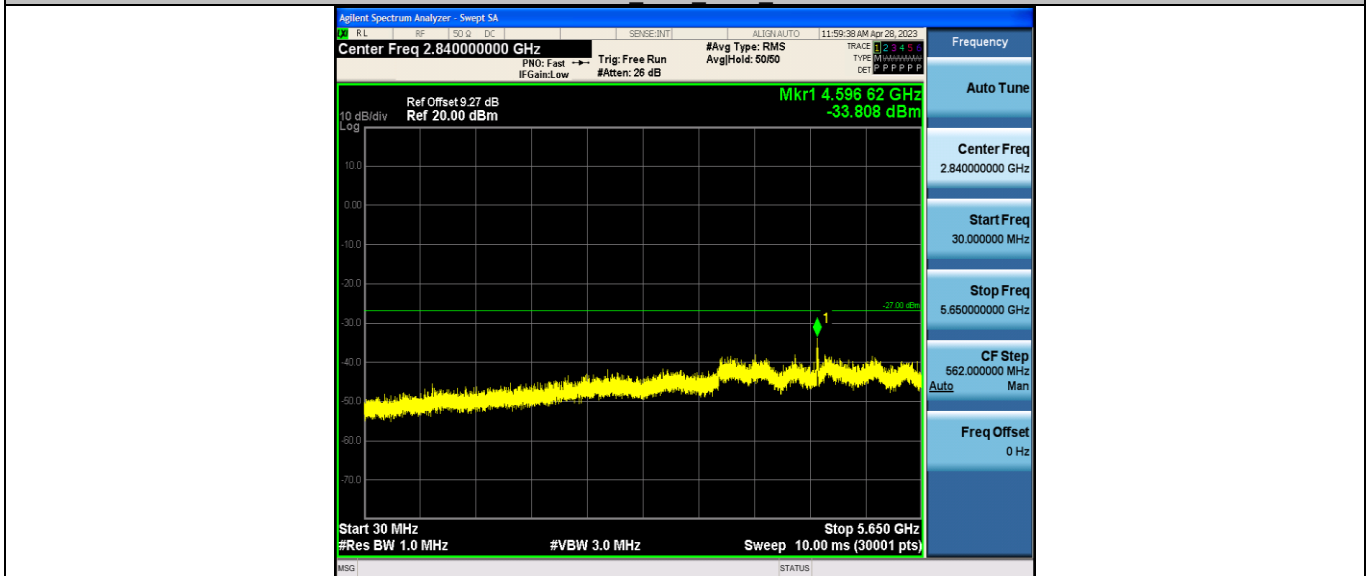
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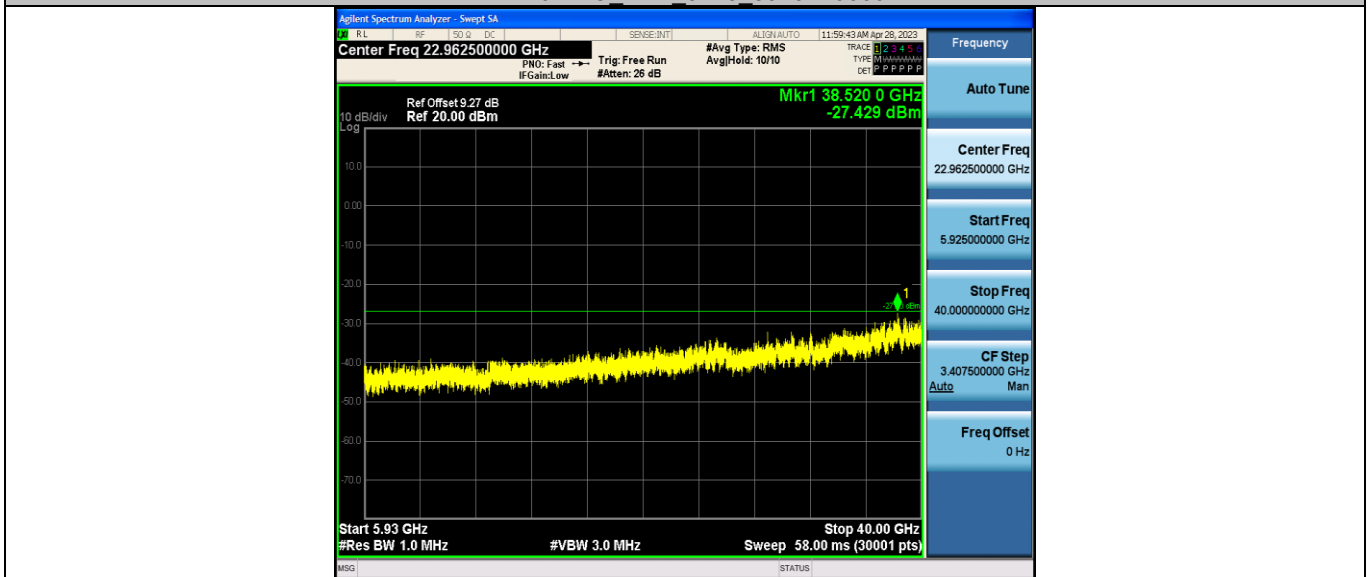
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11N20SISO Ant1 5745 30~5650



11N20SISO Ant1 5745 5925~40000



11N20SISO Ant1 5785 30~5650