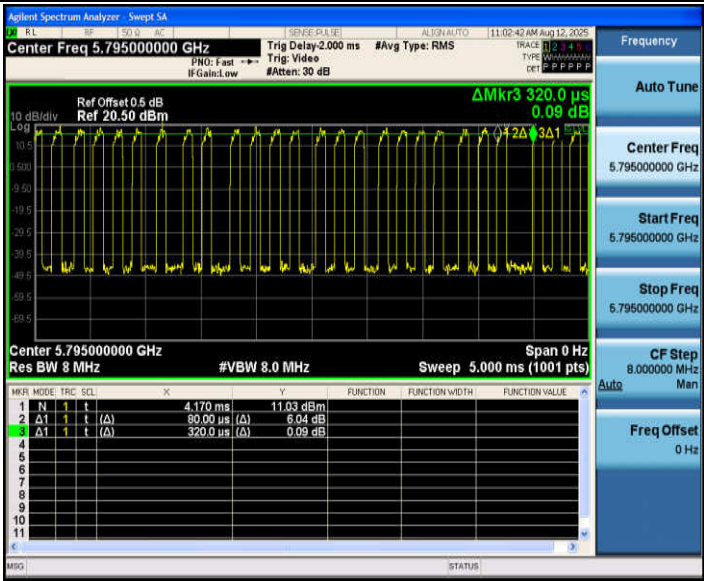


11AC40SISO_Ant1_5795



Appendix C: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.66	4.06	17.72	≤23.98	PASS
		5220	13.16	4.64	17.80	≤23.98	PASS
		5240	13.08	4.06	17.14	≤23.98	PASS
		5745	14.44	4.64	19.08	≤30.00	PASS
		5785	14.13	4.06	18.19	≤30.00	PASS
		5825	13.65	4.64	18.29	≤30.00	PASS
11N20SISO	Ant1	5180	13.69	3.98	17.67	≤23.98	PASS
		5220	13.34	4.12	17.46	≤23.98	PASS
		5240	13.20	3.98	17.18	≤23.98	PASS
		5745	14.56	4.39	18.95	≤30.00	PASS
		5785	14.24	3.98	18.22	≤30.00	PASS
		5825	13.77	4.39	18.16	≤30.00	PASS
11N40SISO	Ant1	5190	12.77	5.53	18.30	≤23.98	PASS
		5230	12.46	6.17	18.63	≤23.98	PASS
		5755	13.52	5.53	19.05	≤30.00	PASS
		5795	13.14	5.53	18.67	≤30.00	PASS
11AC20SISO	Ant1	5180	13.85	3.98	17.83	≤23.98	PASS
		5220	13.48	4.26	17.74	≤23.98	PASS
		5240	13.32	4.30	17.62	≤23.98	PASS
		5745	14.74	3.63	18.37	≤30.00	PASS
		5785	14.48	3.63	18.11	≤30.00	PASS
		5825	14.02	3.83	17.85	≤30.00	PASS
11AC40SISO	Ant1	5190	13.05	6.02	19.07	≤23.98	PASS
		5230	12.82	5.08	17.90	≤23.98	PASS
		5755	13.82	5.28	19.10	≤30.00	PASS
		5795	13.57	6.02	19.59	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz] For 5.2G	Duty factor (dB)	Result [dBm/MHz] For 5.2G	Limit[dBm/MHz] For 5.2G	Verdict
11A	Ant1	5180	3.385	4.06	7.45	≤11.00	PASS
		5220	2.726	4.64	7.37	≤11.00	PASS
		5240	2.62	4.06	6.68	≤11.00	PASS
11N20SISO	Ant1	5180	2.842	3.98	6.82	≤11.00	PASS
		5220	2.479	4.12	6.6	≤11.00	PASS
		5240	2.217	3.98	6.2	≤11.00	PASS
11N40SISO	Ant1	5190	-0.719	5.53	4.81	≤11.00	PASS
		5230	-0.716	6.17	5.45	≤11.00	PASS
11AC20SISO	Ant1	5180	3.40	3.98	7.38	≤11.00	PASS
		5220	2.596	4.26	6.86	≤11.00	PASS
		5240	2.328	4.3	6.63	≤11.00	PASS
11AC40SISO	Ant1	5190	0.354	6.02	6.37	≤11.00	PASS
		5230	-0.216	5.08	4.86	≤11.00	PASS

TestMode	Antenna	Freq(MHz)	Result [dBm/300KHz] For 5.8G	RBW Factor (dB)	Duty factor (dB)	Result [dBm/500KHz] For 5.8G	Limit [dBm/500KHz] For 5.8G	Verdict
11A	Ant1	5745	-0.934	2.22	4.64	5.93	≤30.00	PASS
		5785	-0.125	2.22	4.06	6.15	≤30.00	PASS
		5825	-1.514	2.22	4.64	5.35	≤30.00	PASS
11N20SISO	Ant1	5745	-0.47	2.22	4.39	6.14	≤30.00	PASS
		5785	-0.745	2.22	3.98	5.45	≤30.00	PASS
		5825	-1.322	2.22	4.39	5.29	≤30.00	PASS
11N40SISO	Ant1	5755	-3.847	2.22	5.53	3.9	≤30.00	PASS
		5795	-4.422	2.22	5.53	3.33	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.461	2.22	3.63	5.39	≤30.00	PASS
		5785	-0.504	2.22	3.63	5.35	≤30.00	PASS
		5825	-0.664	2.22	3.83	5.39	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.721	2.22	5.28	3.78	≤30.00	PASS
		5795	-4.027	2.22	6.02	4.21	≤30.00	PASS

Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz)+Duty cycle.

2. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



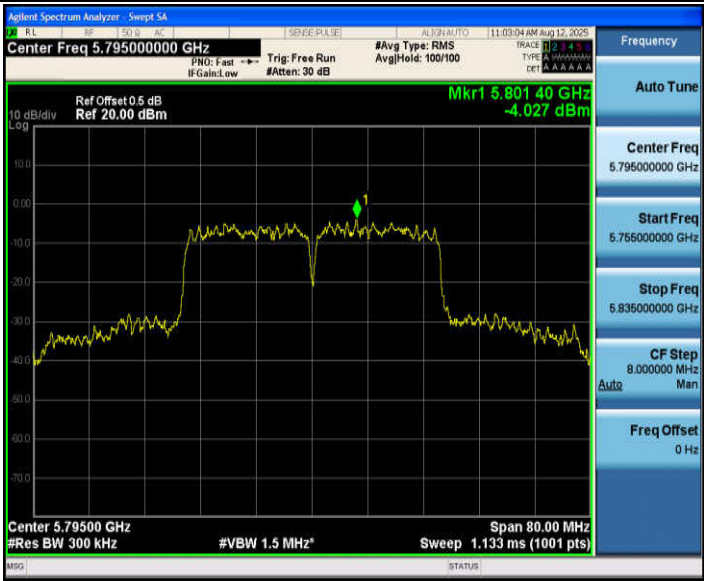
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-34.63	≤-27	PASS
		High	5240	-49.34	≤-27	PASS
11N20SISO	Ant1	Low	5180	-36.68	≤-27	PASS
		High	5240	-49.49	≤-27	PASS
11N40SISO	Ant1	Low	5190	-34.52	≤-27	PASS
		High	5230	-40.68	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-27.37	≤-27	PASS
		High	5240	-48.8	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-33.48	≤-27	PASS
		High	5230	-42.16	≤-27	PASS

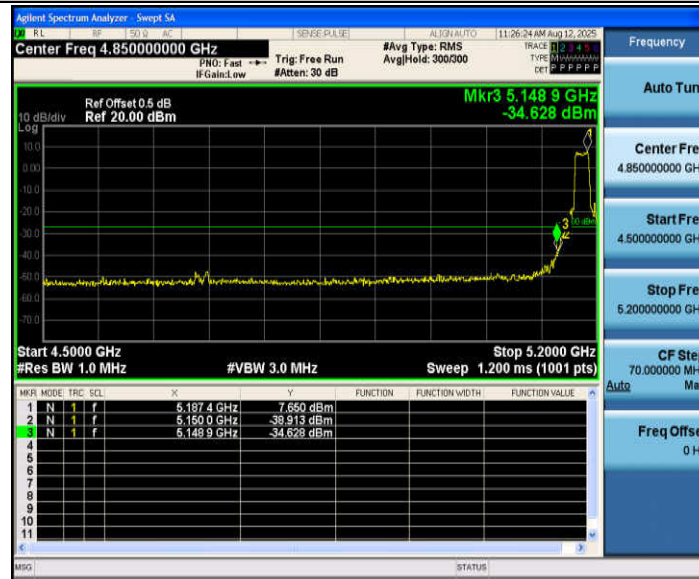
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-48.75	≤-26.79	PASS
				5700~5720	-25.37	≤15.18	PASS
				5720~5725	-16.3	≤26.04	PASS
				5760~5650	-49.79	≤-27	PASS
		High	5825	5850~5855	-28.88	≤17.57	PASS
				5855~5875	-29.14	≤15.39	PASS
				5875~5925	-49.13	≤-25.91	PASS
				5925~5935	-48.58	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-48.8	≤-26.02	PASS
				5700~5720	-26.25	≤15.47	PASS
				5720~5725	-18.55	≤19.23	PASS
				5760~5650	-48.34	≤-27	PASS
		High	5825	5850~5855	-27.78	≤16.03	PASS
				5855~5875	-28.84	≤15.12	PASS
				5875~5925	-49.07	≤-25.51	PASS
				5925~5935	-49	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-43.74	≤-26.40	PASS
				5700~5720	-12.13	≤15.20	PASS
				5720~5725	-14.04	≤17.28	PASS
				5780~5650	-44.08	≤-27	PASS
		High	5795	5850~5855	-31.96	≤16.79	PASS
				5855~5875	-32.57	≤14.78	PASS
				5875~5925	-50.63	≤-26.83	PASS

				5925~5935	-49.1	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-48.72	≤ -26.79	PASS
				5700~5720	-23.7	≤ 14.89	PASS
				5720~5725	-18.42	≤ 18.70	PASS
				5760~5650	-48.65	≤ -27	PASS
		High	5825	5850~5855	-26.87	≤ 19.73	PASS
				5855~5875	-29.3	≤ 15.50	PASS
				5875~5925	-49.42	≤ -25.91	PASS
				5925~5935	-48.79	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-45.01	≤ -26.70	PASS
				5700~5720	-14.89	≤ 15.01	PASS
				5720~5725	-15.5	≤ 15.74	PASS
				5780~5650	-44.61	≤ -27	PASS
		High	5795	5850~5855	-34.46	≤ 15.66	PASS
				5855~5875	-32.18	≤ 14.22	PASS
				5875~5925	-50.33	≤ -26.71	PASS
				5925~5935	-49.91	≤ -27	PASS

Test Graphs B1

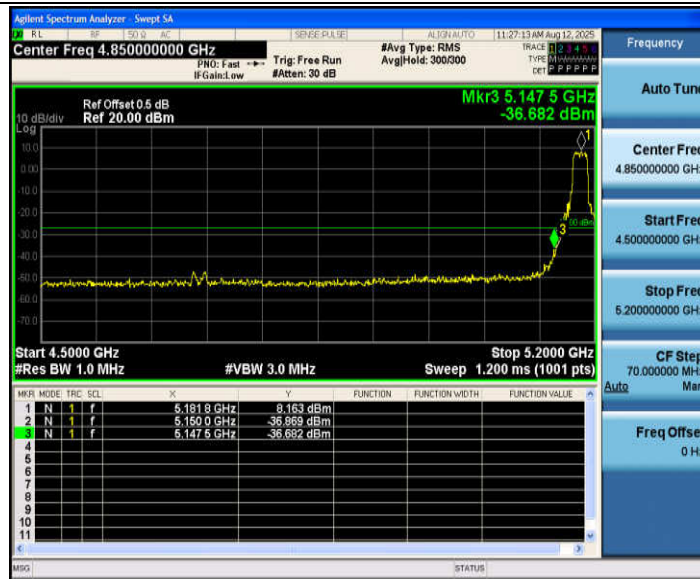
11A_Ant1_Low_5180



11A_Ant1_High_5240



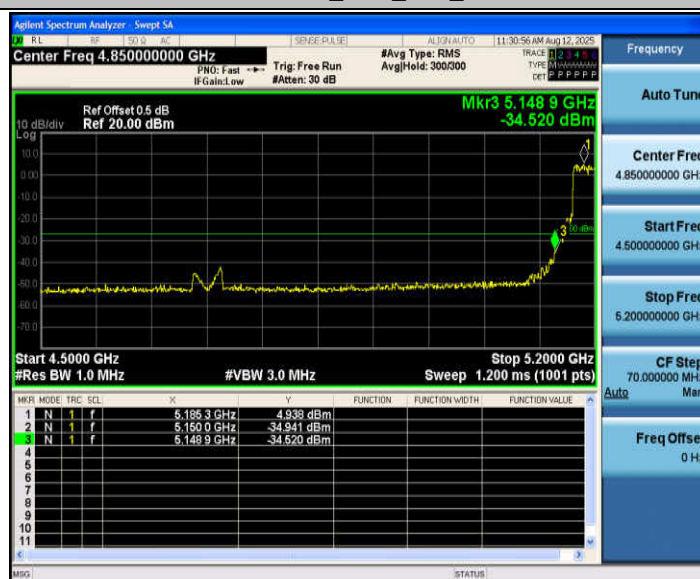
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11N20SISO_Ant1_High_5240



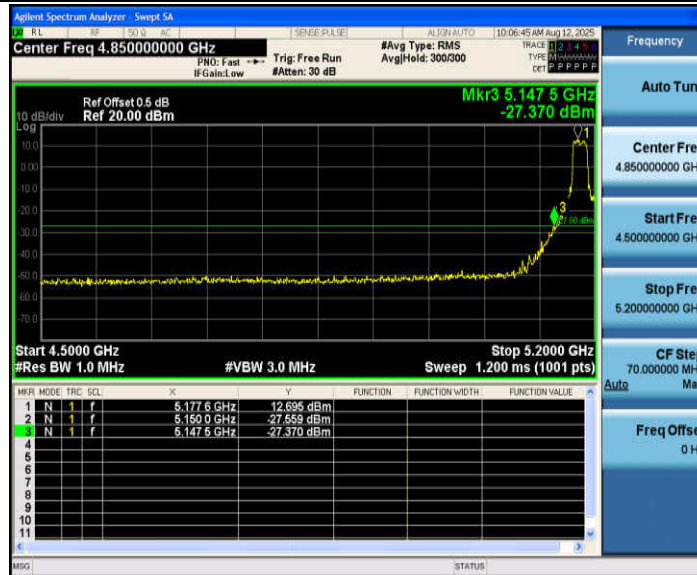
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



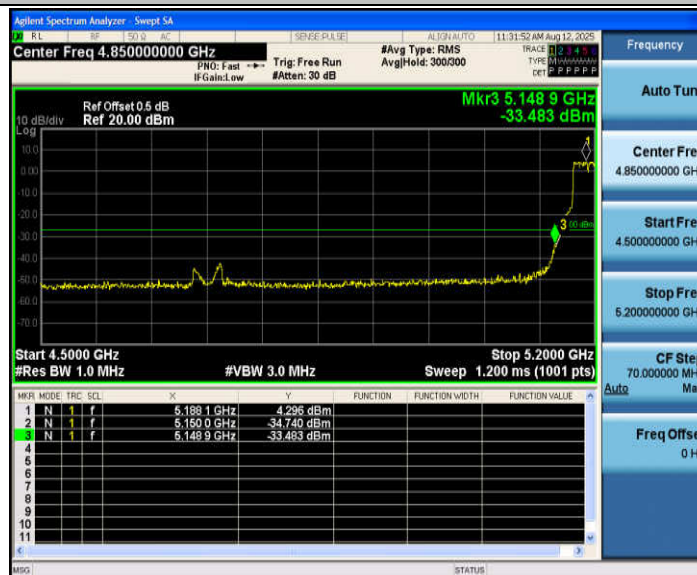
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11AC20SISO_Ant1_High_5240



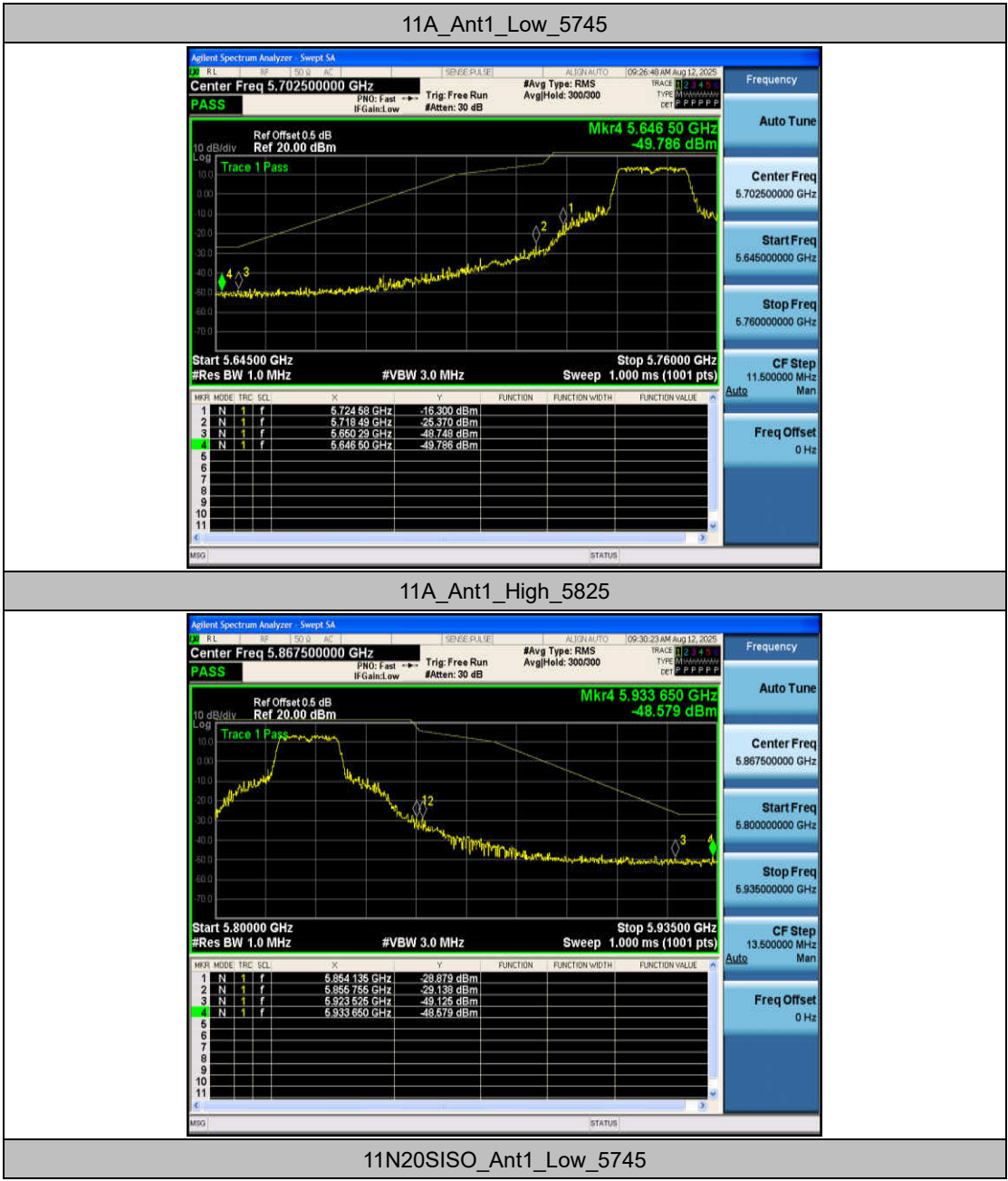
11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



Test Graphs B4





11N20ISO_Ant1_High_5825



11N40ISO_Ant1_Low_5755





11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5139.15	-48.41	≤-27	PASS
			5360~40000	6216.22	-51.41	≤-27	PASS
		5220	30~5140	4176.42	-48.65	≤-27	PASS
			5360~40000	15649.1	-37.64	≤-27	PASS
		5240	30~5140	4192.61	-48.92	≤-27	PASS
			5360~40000	15728.45	-36.8	≤-27	PASS
		5745	30~5650	4596.62	-43.42	≤-27	PASS
			5925~40000	17242.98	-49.24	≤-27	PASS
		5785	30~5650	4628.28	-42.21	≤-27	PASS
			5925~40000	11578.02	-52.45	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5138.64	-46.62	≤-27	PASS
			5360~40000	6216.22	-52.51	≤-27	PASS
		5220	30~5140	4176.59	-49.14	≤-27	PASS
			5360~40000	15657.75	-36.69	≤-27	PASS
		5240	30~5140	4192.61	-48.06	≤-27	PASS
			5360~40000	15708.25	-39.62	≤-27	PASS
		5745	30~5650	4596.44	-45.73	≤-27	PASS
			5925~40000	11488.8	-47.37	≤-27	PASS
		5785	30~5650	4628.66	-42.9	≤-27	PASS
			5925~40000	17351.16	-51.24	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	2663.35	-66.84	≤-27	PASS
			5360~40000	25789.6	-57.47	≤-27	PASS
		5230	30~5140	5121.09	-41.9	≤-27	PASS
			5360~40000	15696.71	-39.08	≤-27	PASS
		5755	30~5650	4604.49	-45.65	≤-27	PASS
			5925~40000	17273.19	-50.82	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5135.06	-49.07	≤-27	PASS
			5360~40000	6216.94	-51.75	≤-27	PASS
		5220	30~5140	4176.42	-52.72	≤-27	PASS
			5360~40000	15664.97	-36.79	≤-27	PASS

		5240	30~5140	4192.44	-48.28	≤-27	PASS
			5360~40000	15716.9	-37.65	≤-27	PASS
		5745	30~5650	4597	-46.51	≤-27	PASS
			5925~40000	11493.02	-50.29	≤-27	PASS
		5785	30~5650	4628.47	-42.9	≤-27	PASS
			5925~40000	11570.29	-51.08	≤-27	PASS
		5825	30~5650	4661.44	-45.39	≤-27	PASS
			5925~40000	11660.21	-53.83	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5133.19	-27.29	≤-27	PASS
			5360~40000	15573.36	-40.47	≤-27	PASS
		5230	30~5140	5122.8	-42.07	≤-27	PASS
			5360~40000	15679.39	-38.72	≤-27	PASS
		5755	30~5650	4604.68	-45.78	≤-27	PASS
			5925~40000	11516.2	-50.44	≤-27	PASS
		5795	30~5650	4636.53	-44.16	≤-27	PASS
			5925~40000	11599.09	-54.46	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



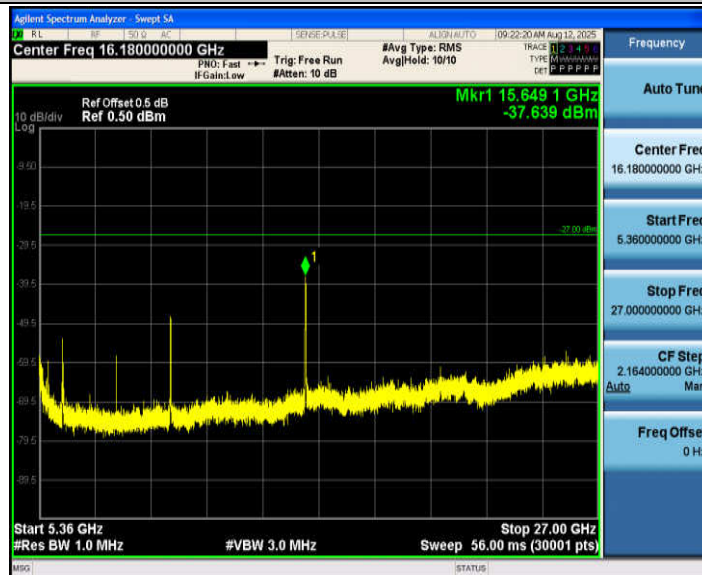
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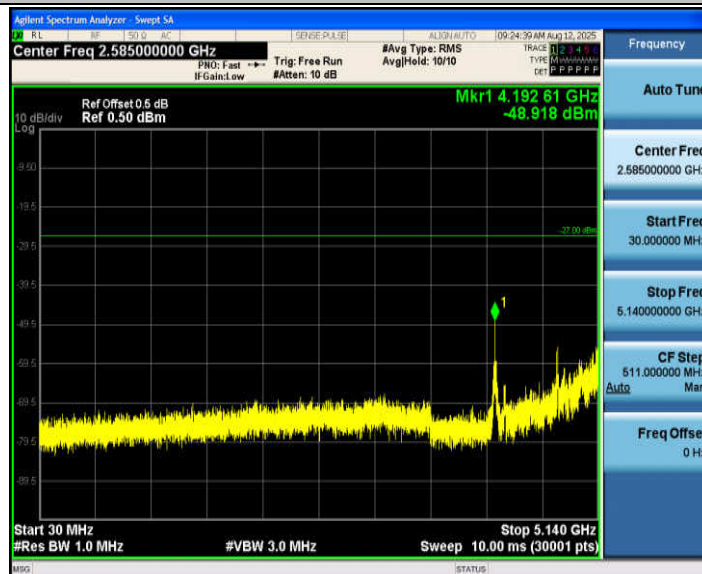
11A_Ant1_5220_30~5140



11A_Ant1_5220_5360~40000



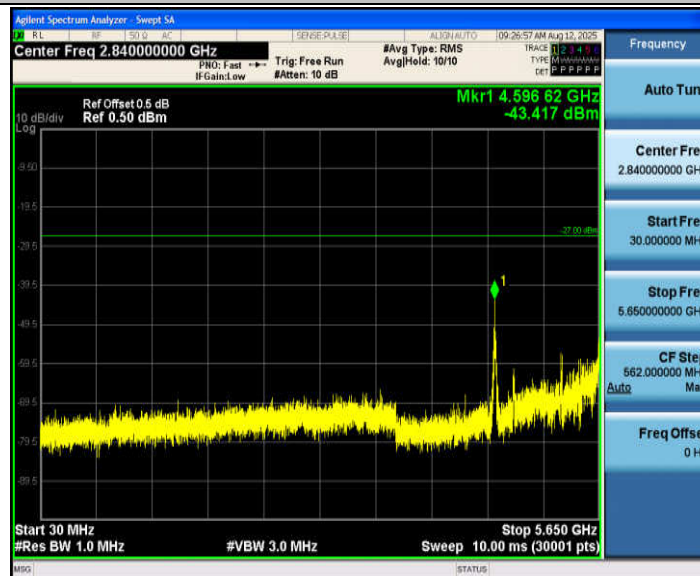
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11A_Ant1_5240_5360~40000



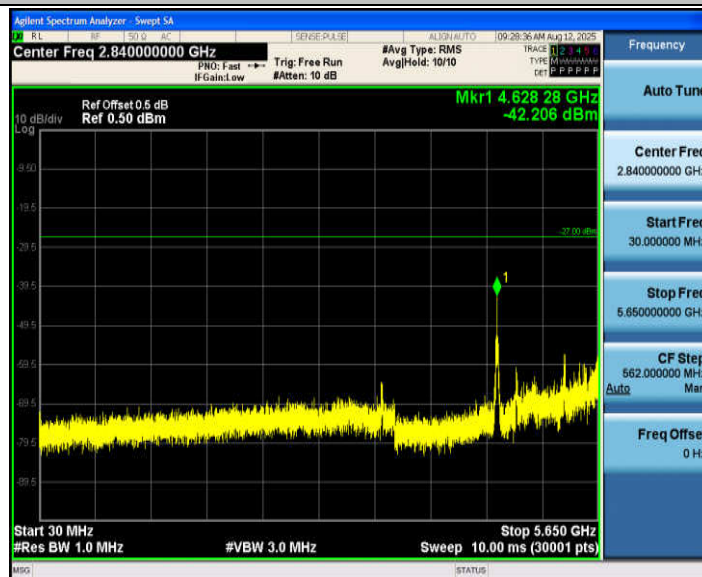
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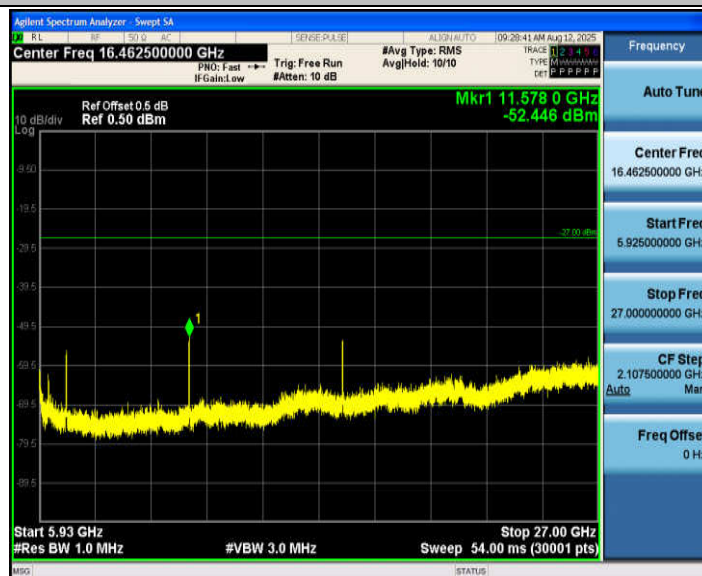
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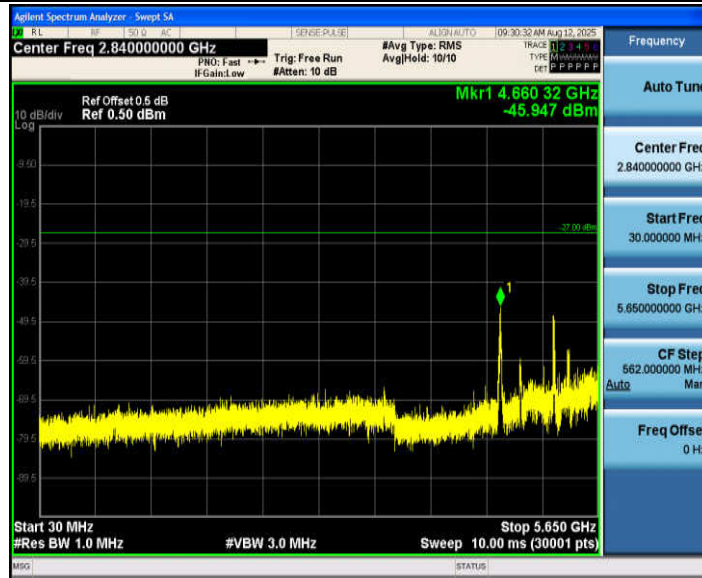
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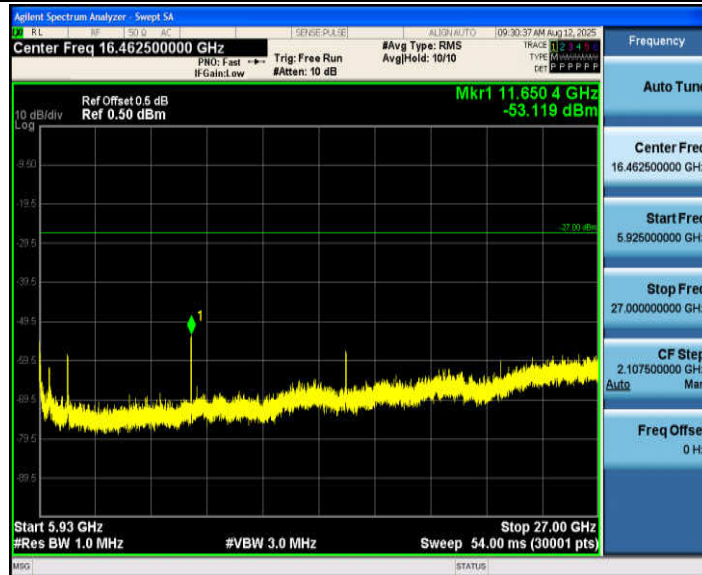
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11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



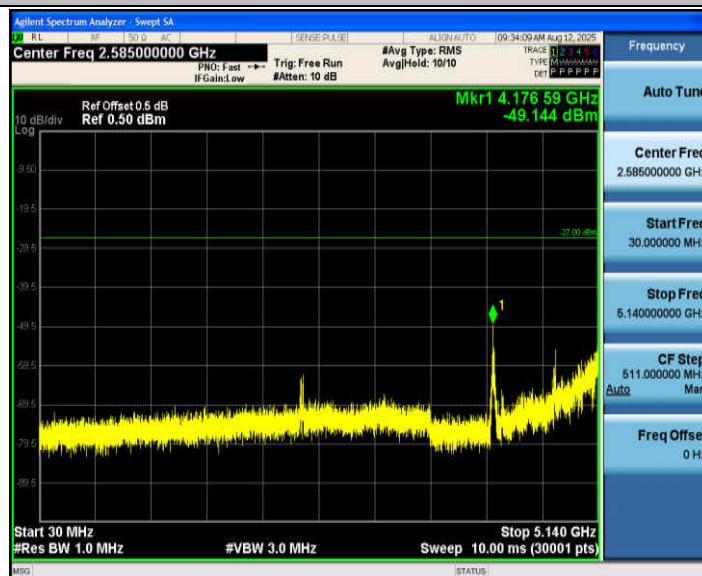
11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~40000



11N20SISO_Ant1_5220_30~5140



11N20SISO_Ant1_5220_5360~40000



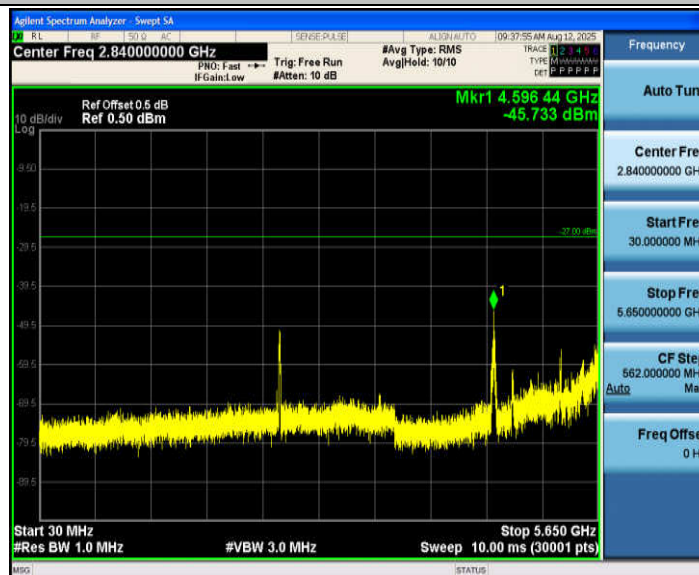
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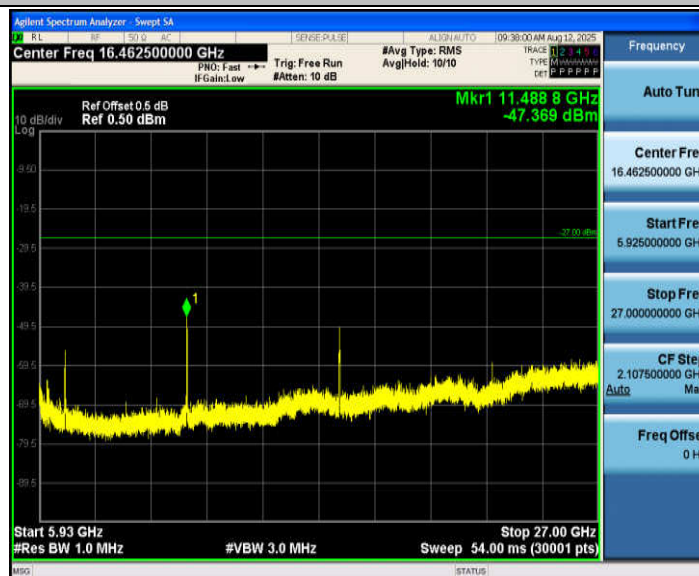
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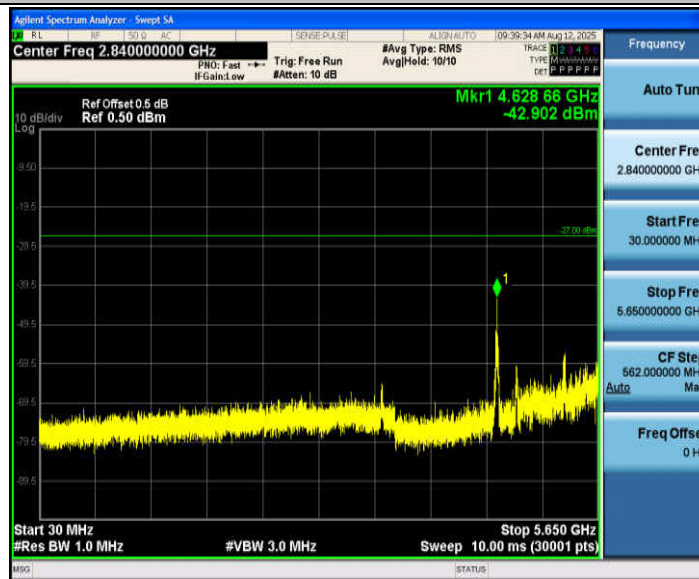
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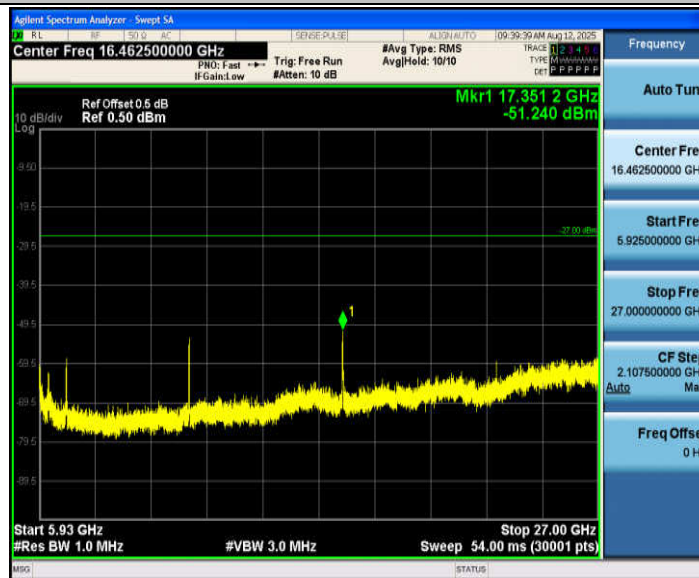
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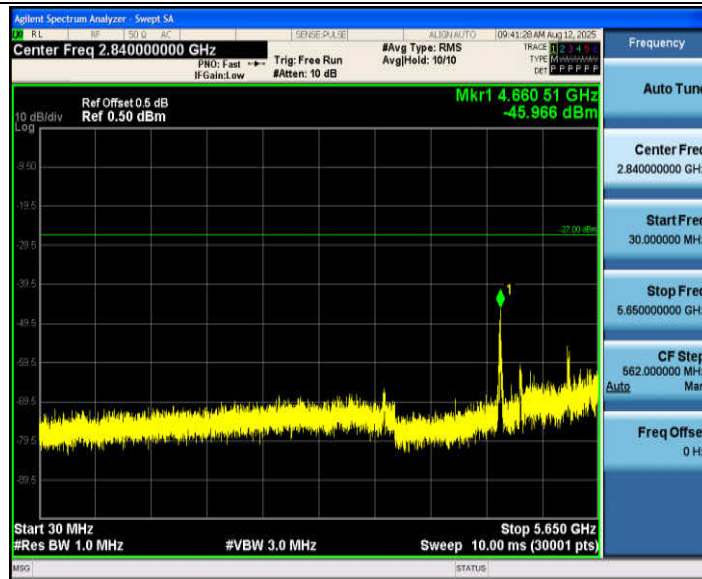
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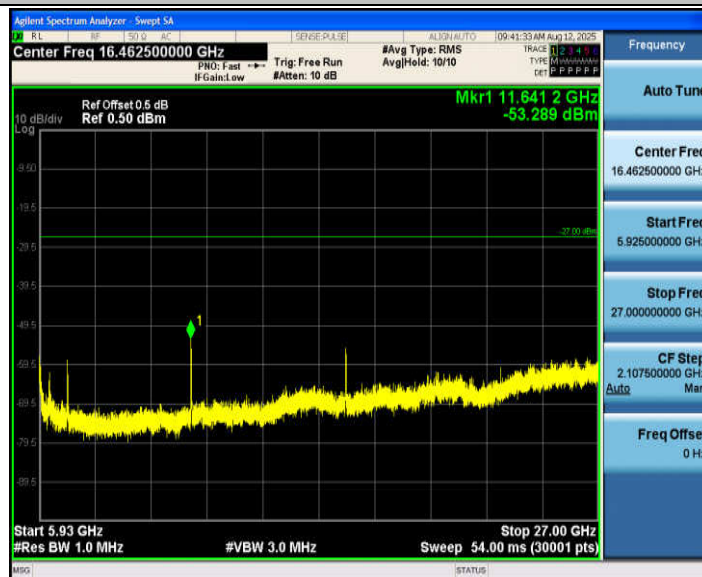
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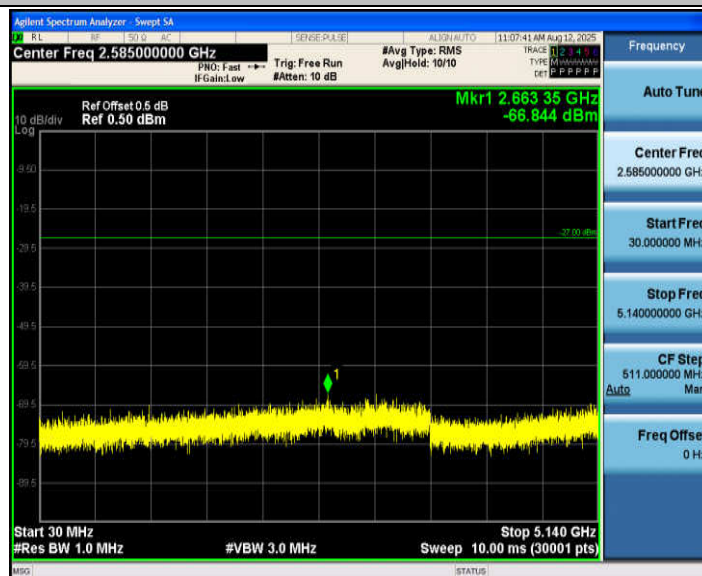
11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~40000



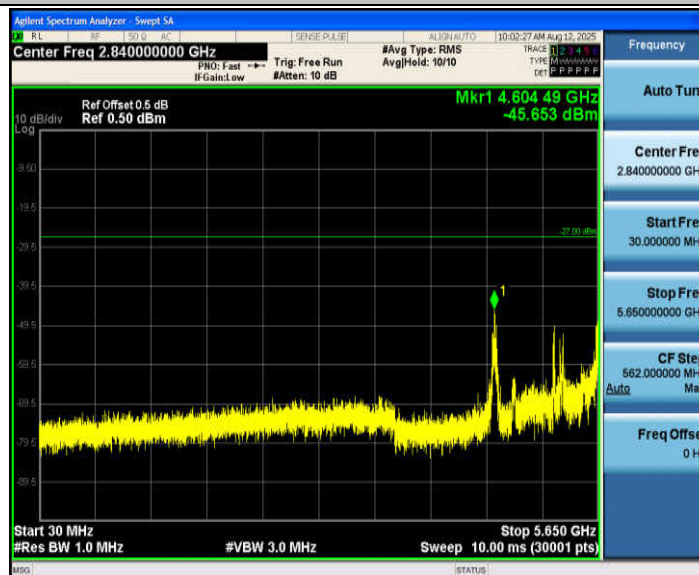
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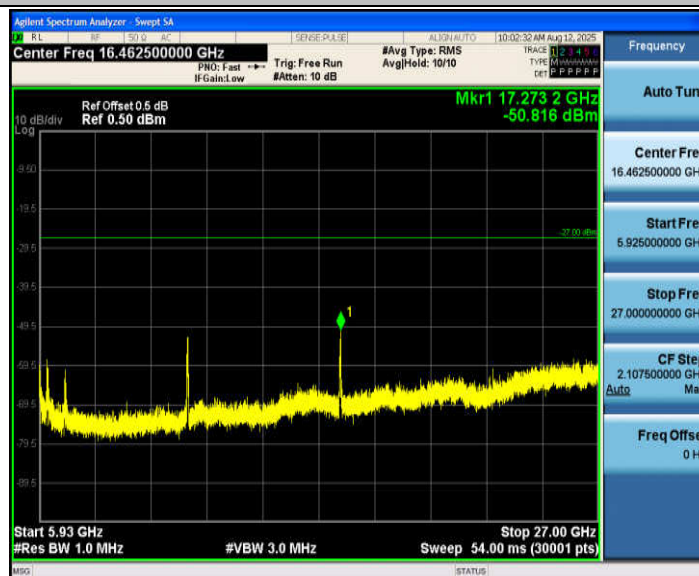
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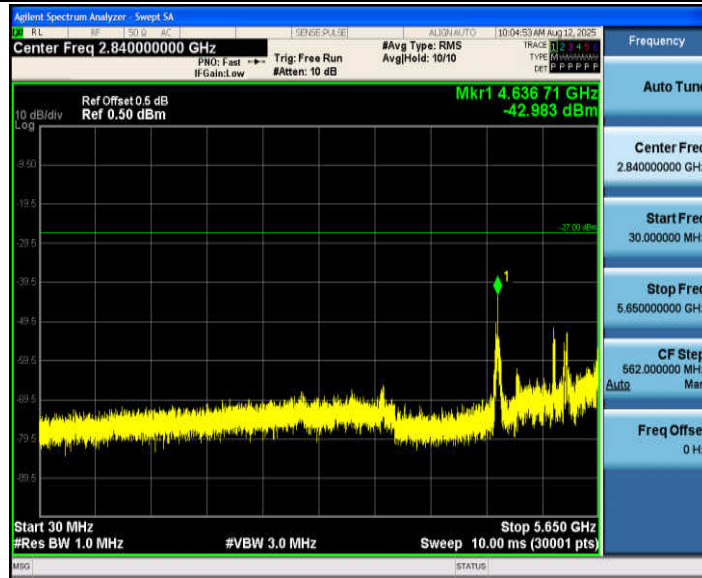
11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~40000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



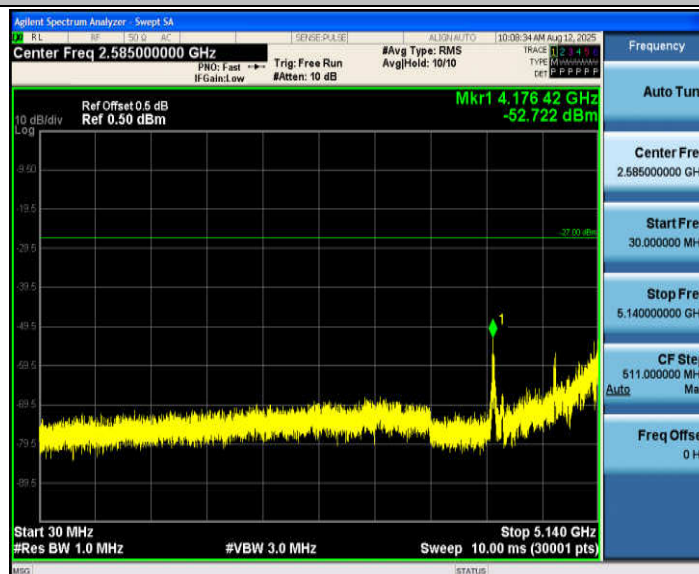
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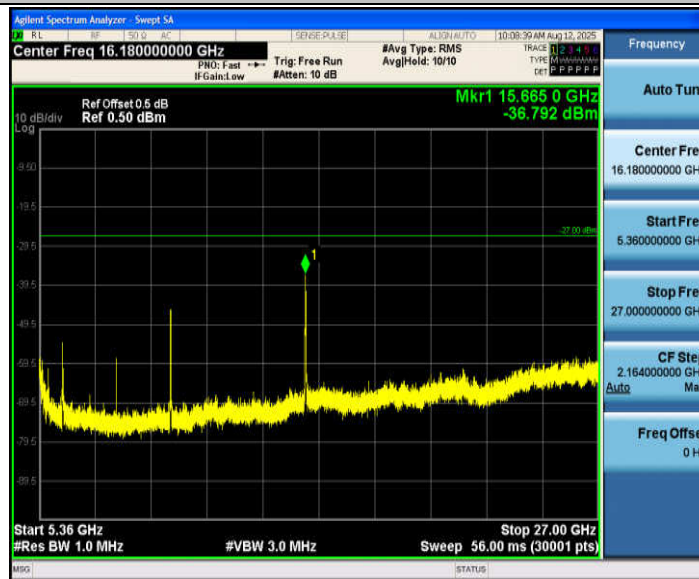
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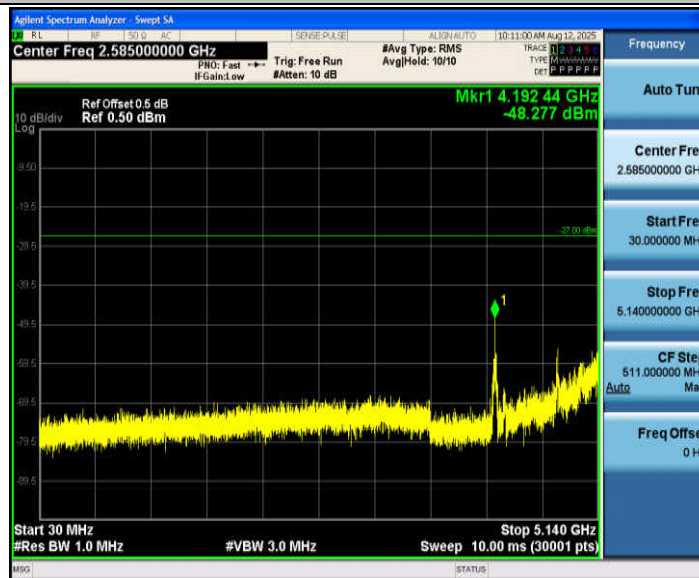
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11AC20SISO_Ant1_5220_5360~40000



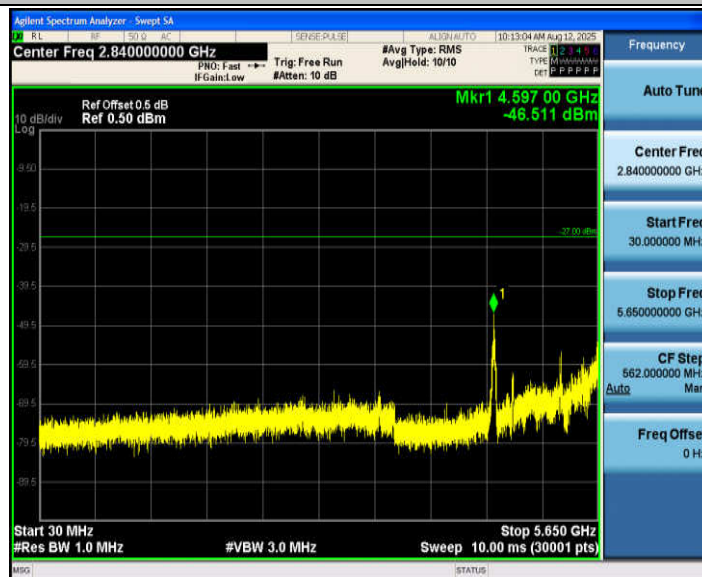
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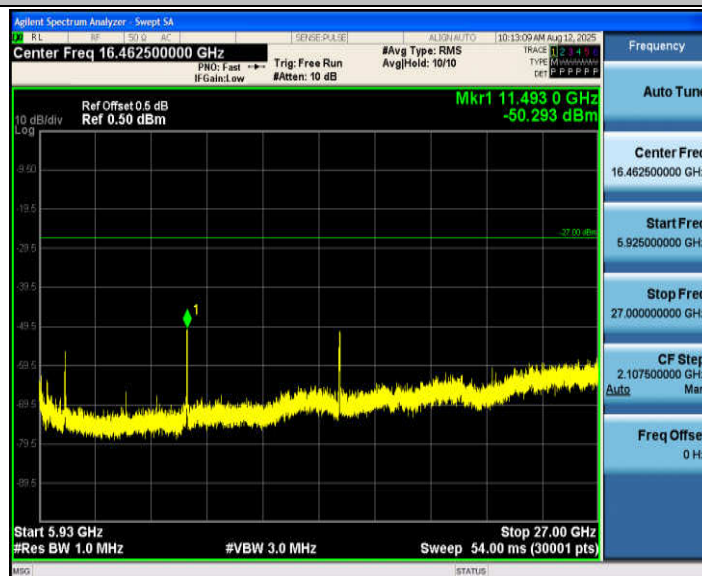
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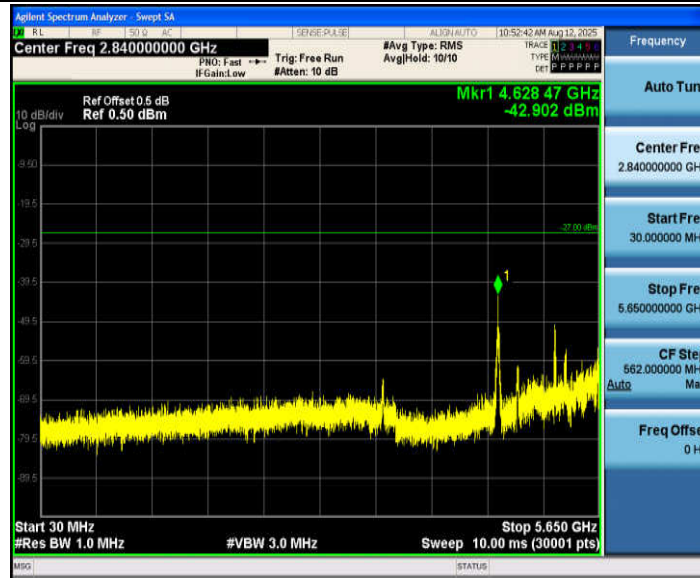
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11AC20SISO_Ant1_5745_5925~40000



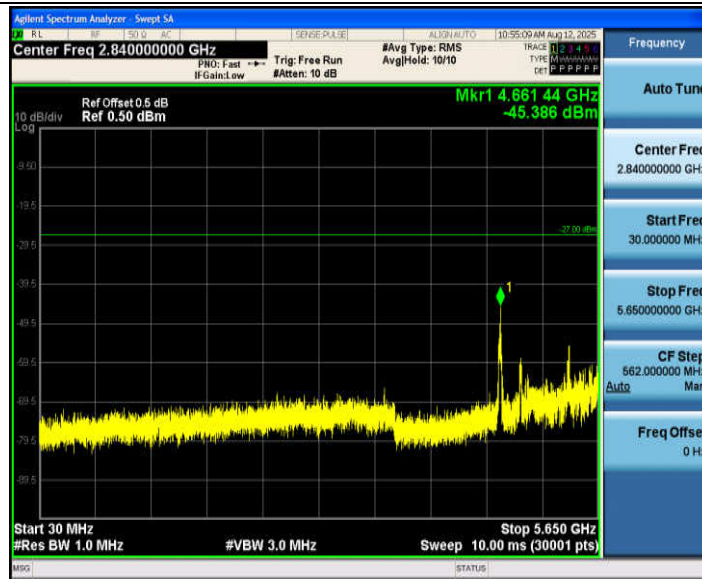
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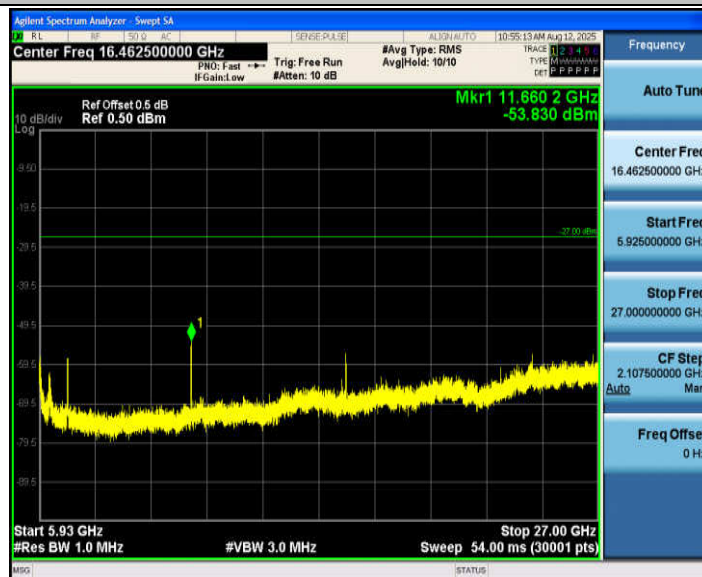
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11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~40000



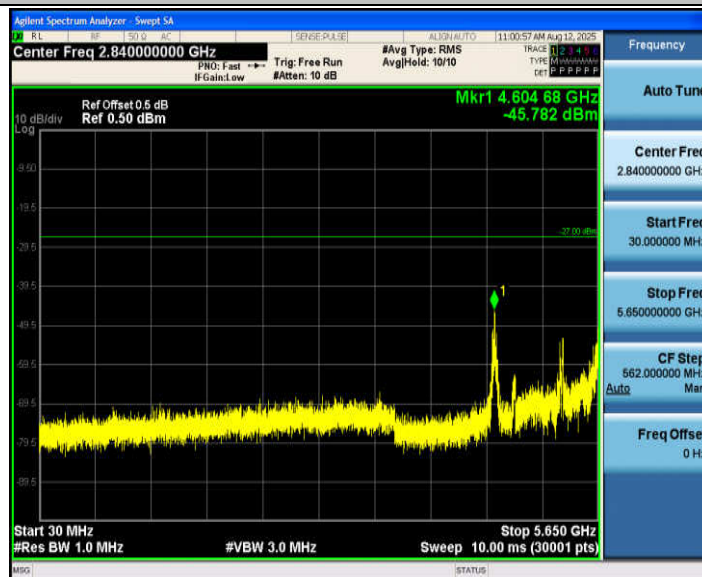
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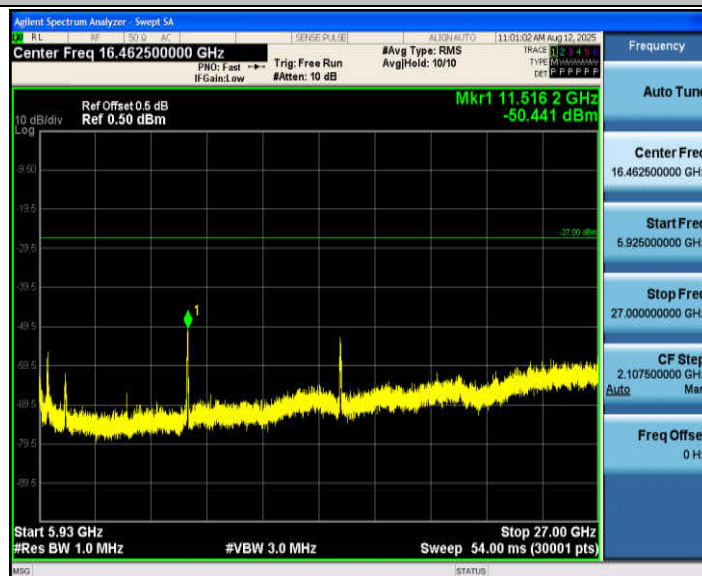
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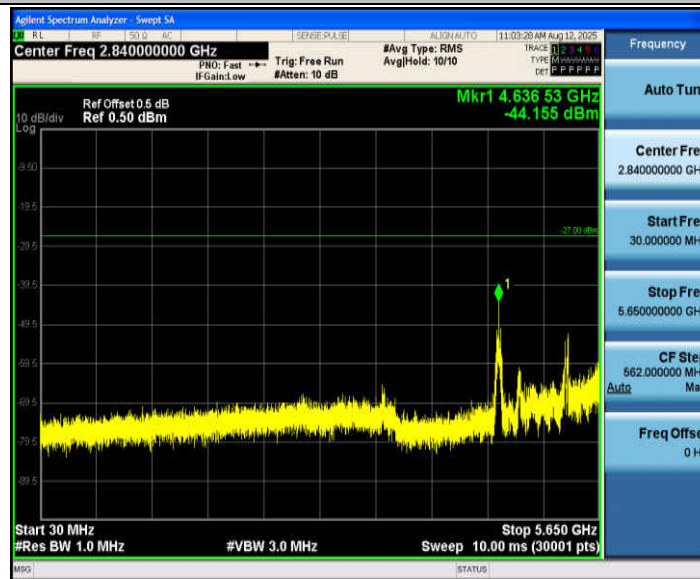
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11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000

