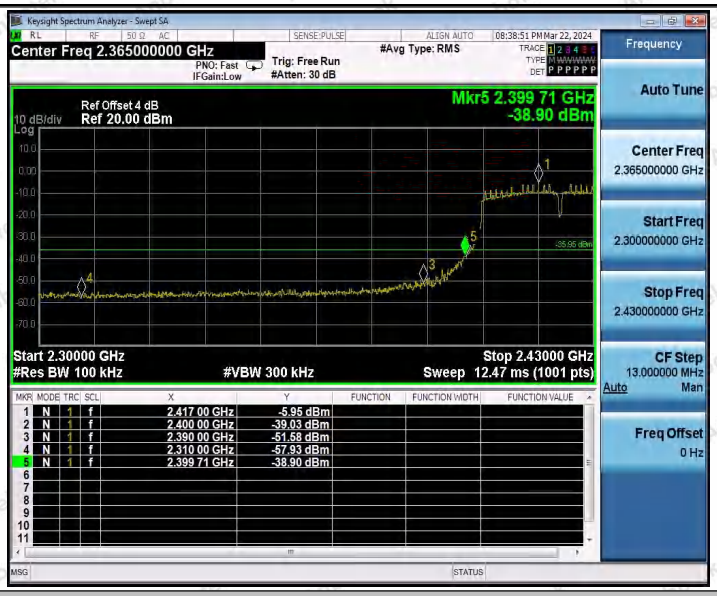
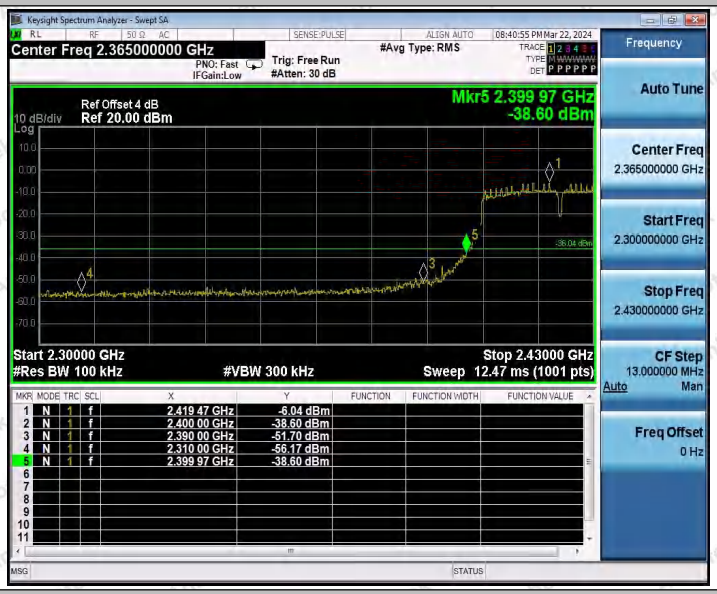
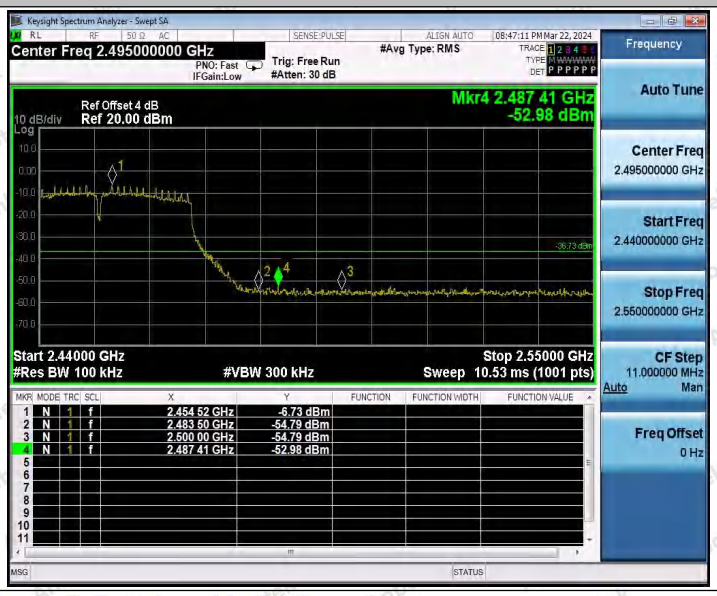


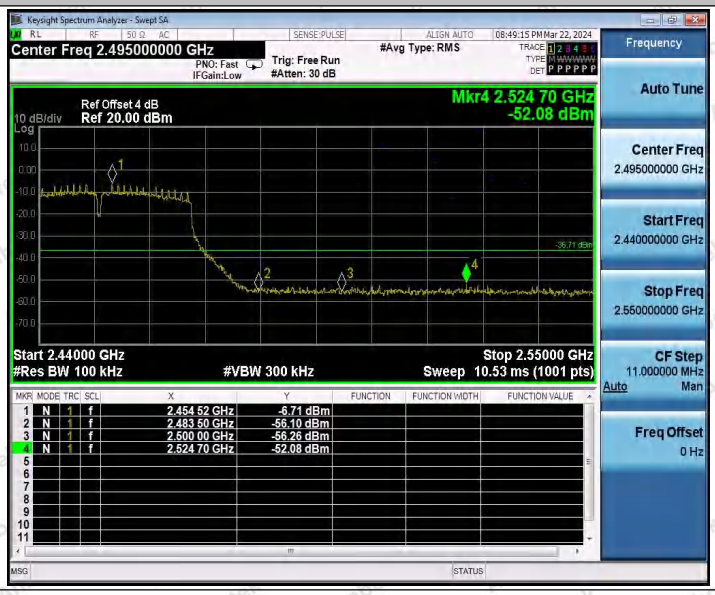
11N40SISO_Ant2_Low_2422



11N40SISO_Ant1_High_2452



11N40SISO_Ant2_High_2452



Appendix F: Conducted Spurious Emission

Test Result

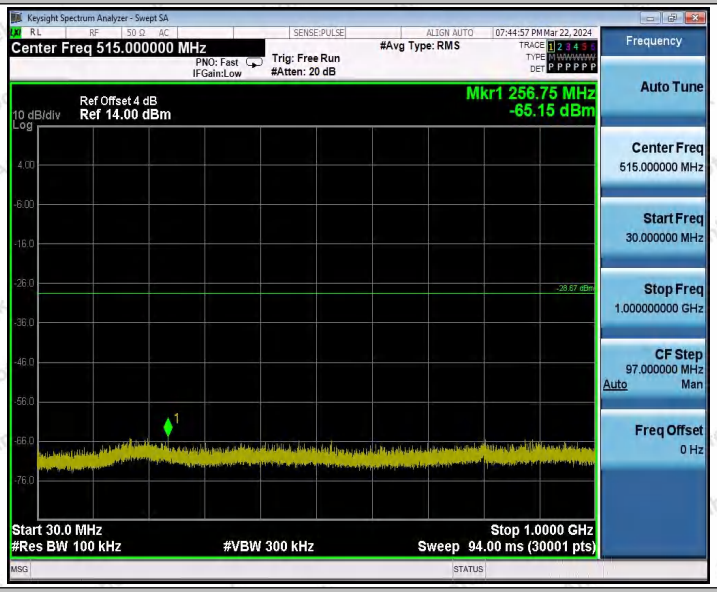
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.33	1.33	---	PASS
			30~1000	1.33	-65.15	≤-28.67	PASS
			1000~26500	1.33	-50.41	≤-28.67	PASS
	Ant2	2412	Reference	3.21	3.21	---	PASS
			30~1000	3.21	-65.46	≤-26.79	PASS
			1000~26500	3.21	-50.33	≤-26.79	PASS
	Ant1	2437	Reference	0.66	0.66	---	PASS
			30~1000	0.66	-64.79	≤-29.34	PASS
			1000~26500	0.66	-50.13	≤-29.34	PASS
	Ant2	2437	Reference	1.66	1.66	---	PASS
			30~1000	1.66	-65.40	≤-28.34	PASS
			1000~26500	1.66	-50.87	≤-28.34	PASS
	Ant1	2462	Reference	0.02	0.02	---	PASS
			30~1000	0.02	-57.99	≤-29.98	PASS
			1000~26500	0.02	-50.72	≤-29.98	PASS
	Ant2	2462	Reference	1.76	1.76	---	PASS
			30~1000	1.76	-64.86	≤-28.24	PASS
			1000~26500	1.76	-50.77	≤-28.24	PASS
11G	Ant1	2412	Reference	-3.47	-3.47	---	PASS
			30~1000	-3.47	-64.84	≤-33.47	PASS
			1000~26500	-3.47	-50.23	≤-33.47	PASS
	Ant2	2412	Reference	-3.48	-3.48	---	PASS
			30~1000	-3.48	-65.40	≤-33.48	PASS
			1000~26500	-3.48	-50.53	≤-33.48	PASS
	Ant1	2437	Reference	-4.37	-4.37	---	PASS
			30~1000	-4.37	-64.66	≤-34.37	PASS
			1000~26500	-4.37	-51.13	≤-34.37	PASS
	Ant2	2437	Reference	-4.13	-4.13	---	PASS
			30~1000	-4.13	-65.21	≤-34.13	PASS
			1000~26500	-4.13	-50.47	≤-34.13	PASS
	Ant1	2462	Reference	-4.01	-4.01	---	PASS
			30~1000	-4.01	-65.48	≤-34.01	PASS
			1000~26500	-4.01	-50.84	≤-34.01	PASS
	Ant2	2462	Reference	-3.54	-3.54	---	PASS
			30~1000	-3.54	-64.38	≤-33.54	PASS
			1000~26500	-3.54	-50.56	≤-33.54	PASS
11N20SISO	Ant1	2412	Reference	-3.74	-3.74	---	PASS

			30~1000	-3.74	-65.41	≤-33.74	PASS
			1000~26500	-3.74	-50.66	≤-33.74	PASS
	Ant2	2412	Reference	-3.87	-3.87	---	PASS
			30~1000	-3.87	-64.82	≤-33.87	PASS
			1000~26500	-3.87	-51.07	≤-33.87	PASS
	Ant1	2437	Reference	-4.35	-4.35	---	PASS
			30~1000	-4.35	-55.29	≤-34.35	PASS
			1000~26500	-4.35	-50.93	≤-34.35	PASS
	Ant2	2437	Reference	-4.31	-4.31	---	PASS
			30~1000	-4.31	-65.09	≤-34.31	PASS
			1000~26500	-4.31	-49.91	≤-34.31	PASS
	Ant1	2462	Reference	-4.82	-4.82	---	PASS
			30~1000	-4.82	-64.98	≤-34.82	PASS
			1000~26500	-4.82	-50.56	≤-34.82	PASS
	Ant2	2462	Reference	-4.83	-4.83	---	PASS
			30~1000	-4.83	-64.75	≤-34.83	PASS
			1000~26500	-4.83	-50.29	≤-34.83	PASS
11N40SISO	Ant1	2422	Reference	-5.87	-5.87	---	PASS
			30~1000	-5.87	-65.12	≤-35.87	PASS
			1000~26500	-5.87	-50.57	≤-35.87	PASS
	Ant2	2422	Reference	-5.90	-5.90	---	PASS
			30~1000	-5.90	-64.92	≤-35.90	PASS
			1000~26500	-5.90	-50.60	≤-35.90	PASS
	Ant1	2437	Reference	-6.38	-6.38	---	PASS
			30~1000	-6.38	-64.71	≤-36.38	PASS
			1000~26500	-6.38	-50.91	≤-36.38	PASS
	Ant2	2437	Reference	-6.48	-6.48	---	PASS
			30~1000	-6.48	-65.17	≤-36.48	PASS
			1000~26500	-6.48	-50.98	≤-36.48	PASS
	Ant1	2452	Reference	-6.83	-6.83	---	PASS
			30~1000	-6.83	-64.65	≤-36.83	PASS
			1000~26500	-6.83	-50.49	≤-36.83	PASS
	Ant2	2452	Reference	-6.77	-6.77	---	PASS
			30~1000	-6.77	-64.37	≤-36.77	PASS
			1000~26500	-6.77	-50.72	≤-36.77	PASS

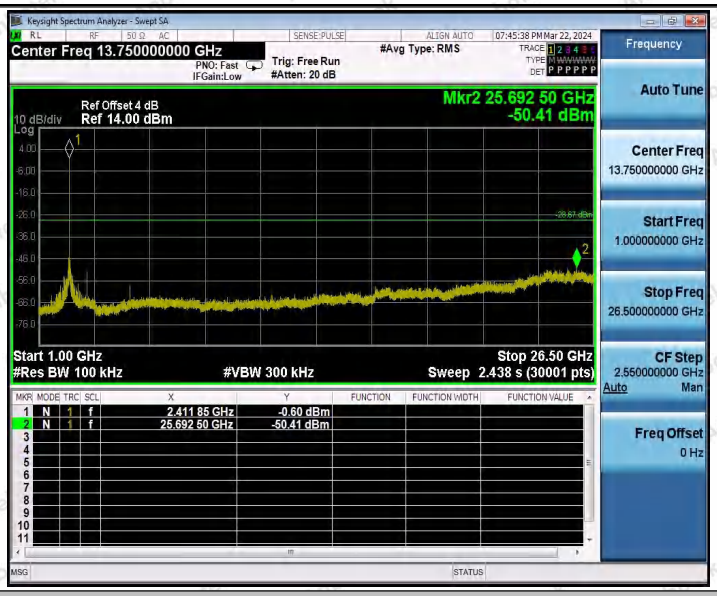
Test Graphs

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

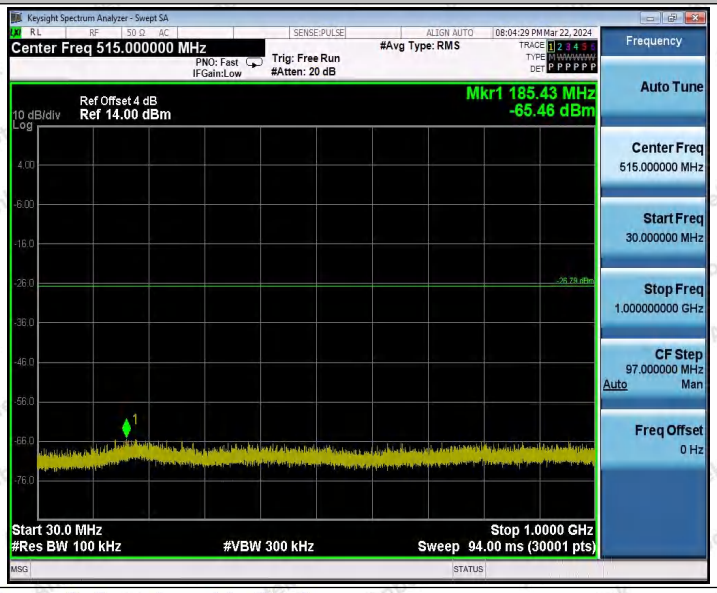


11B_Ant1_2412_1000~26500

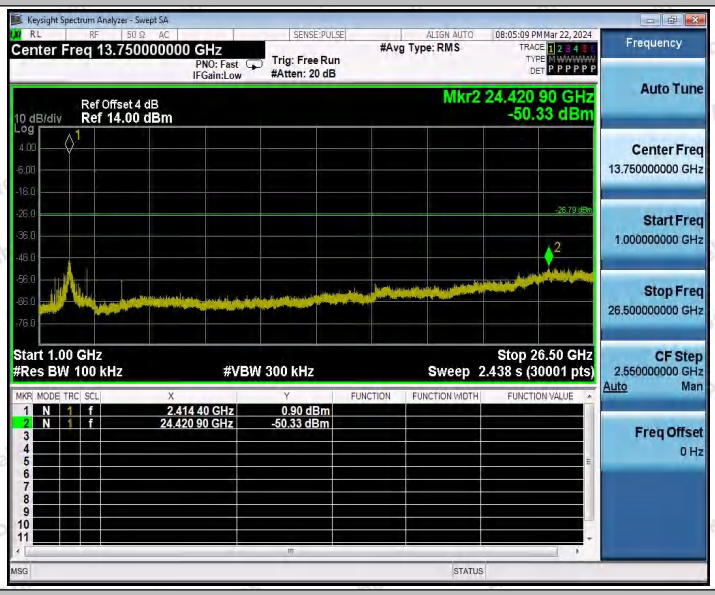


11B_Ant2_2412_0~Reference

11B_Ant2_2412_30~1000

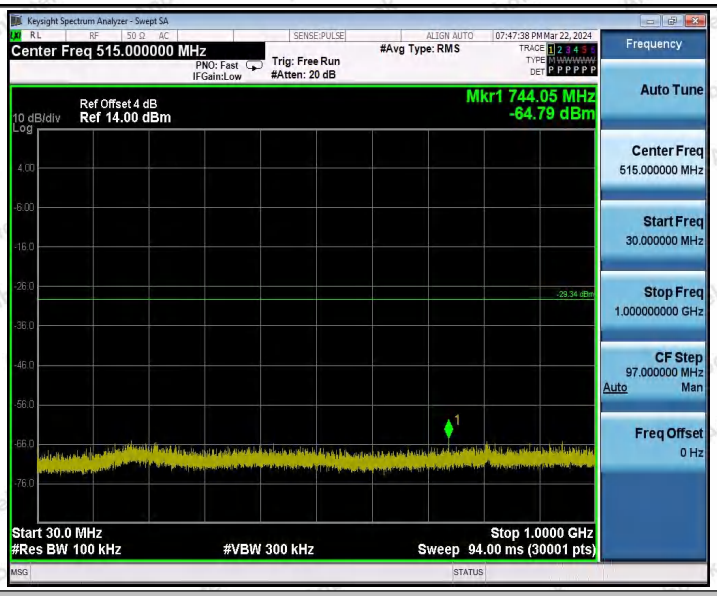


11B_Ant2_2412_1000~26500

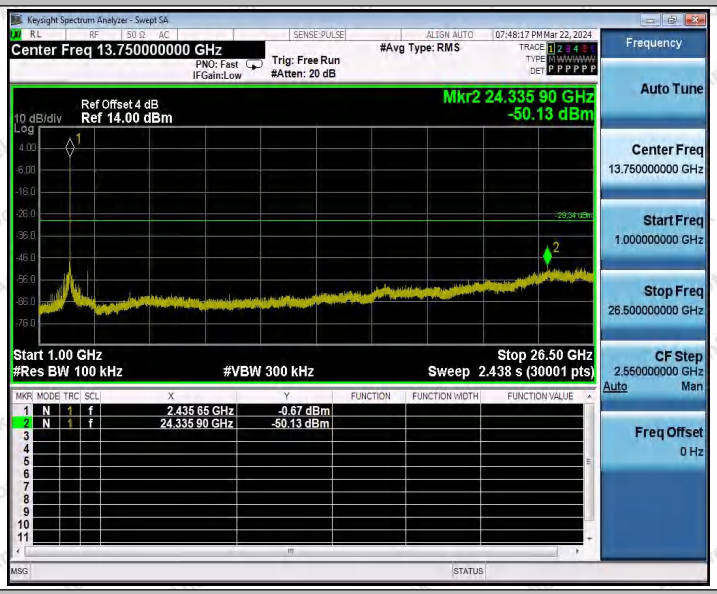


11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000



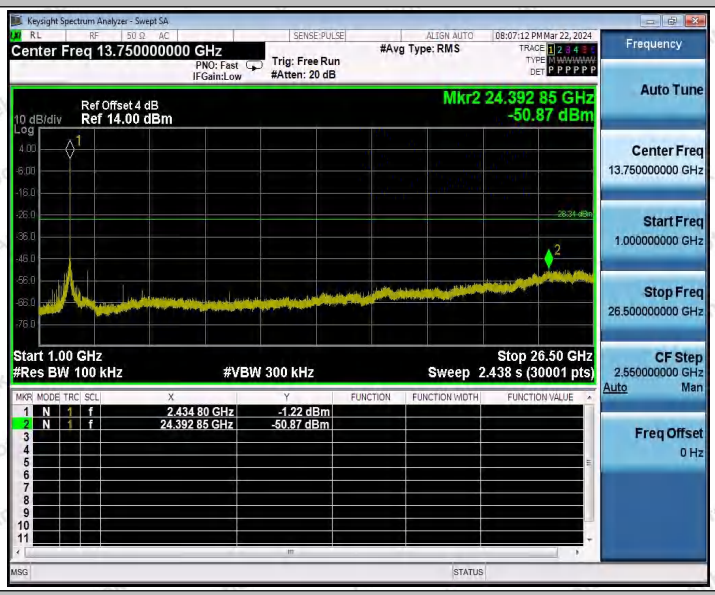
11B_Ant1_2437_1000~26500



11B_Ant2_2437_0~Reference

11B_Ant2_2437_30~1000

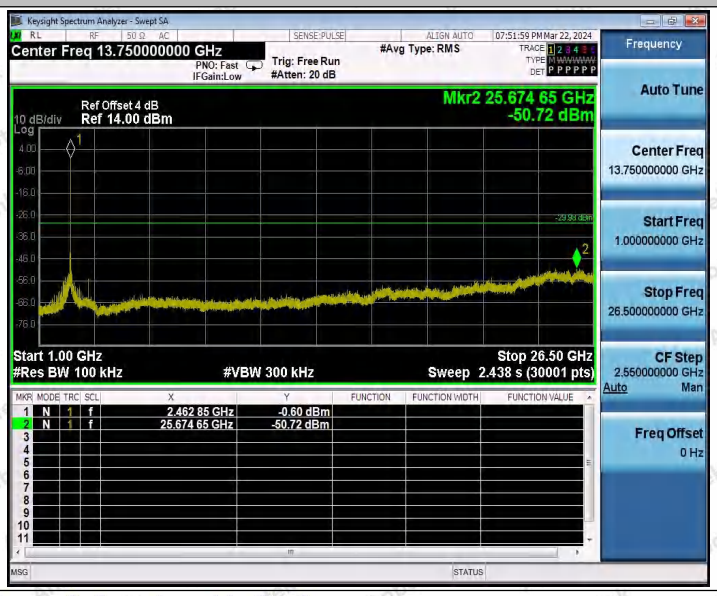
11B_Ant2_2437_1000~26500



11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000

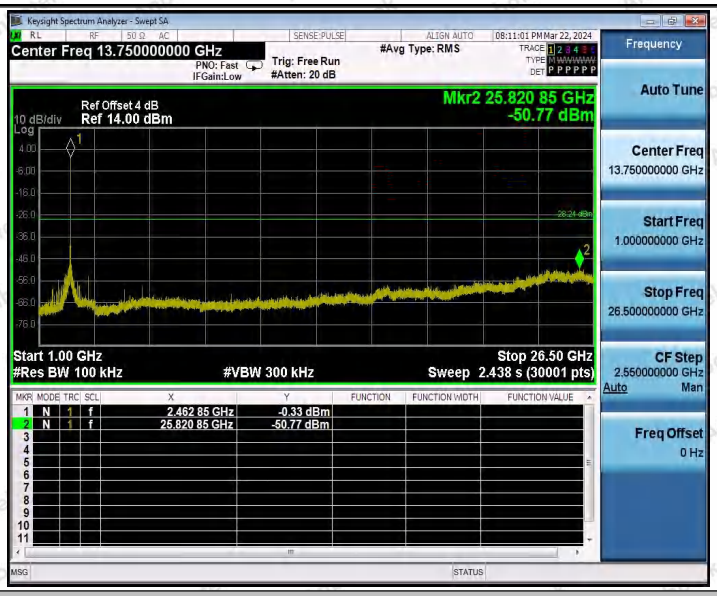
11B_Ant1_2462_1000~26500



11B_Ant2_2462_0~Reference

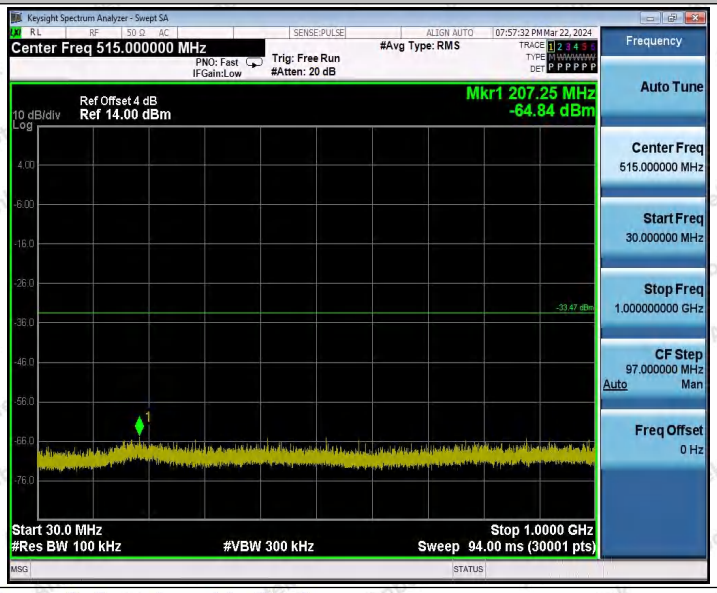
11B_Ant2_2462_30~1000

11B_Ant2_2462_1000~26500

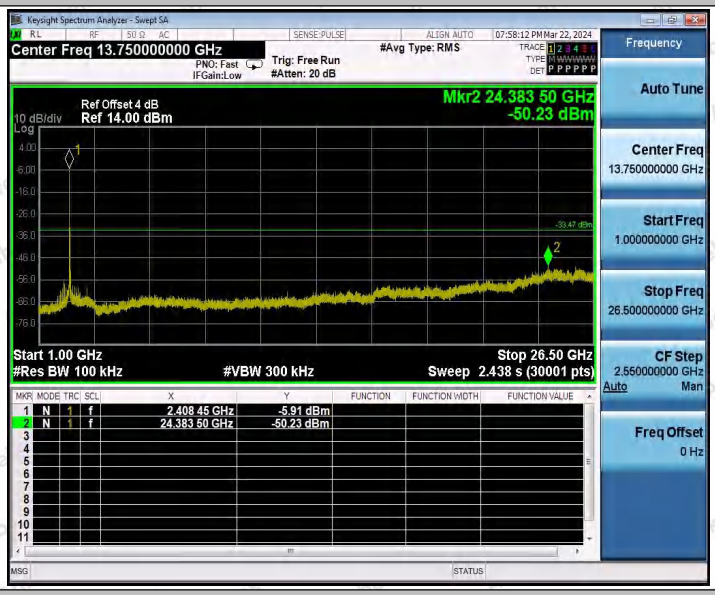


11G_Ant1_2412_0~Reference

11G_Ant1_2412_30~1000

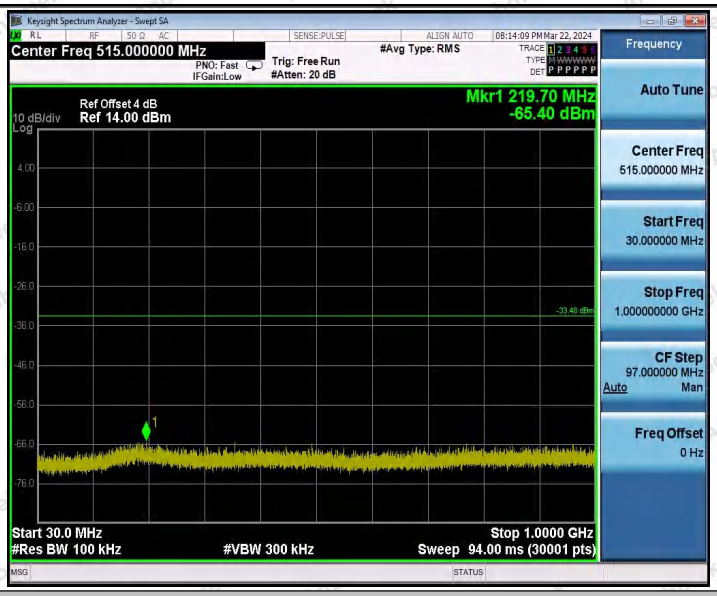


11G_Ant1_2412_1000~26500

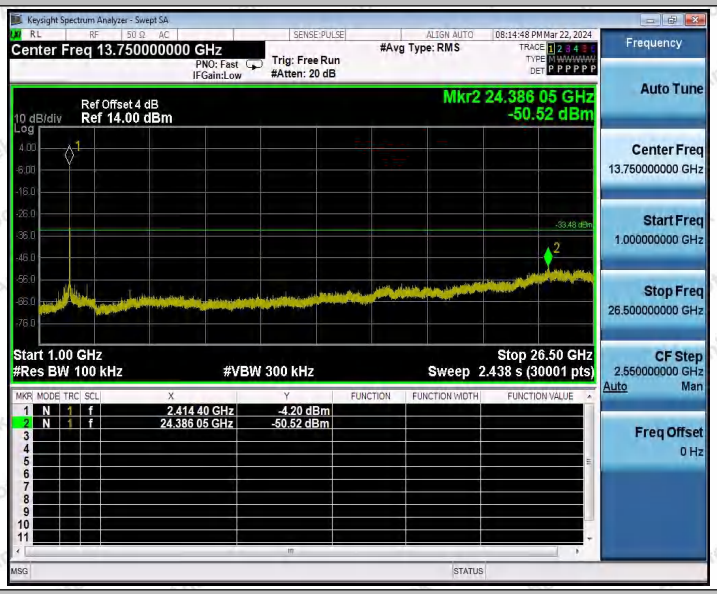


11G_Ant2_2412_0~Reference

11G_Ant2_2412_30~1000



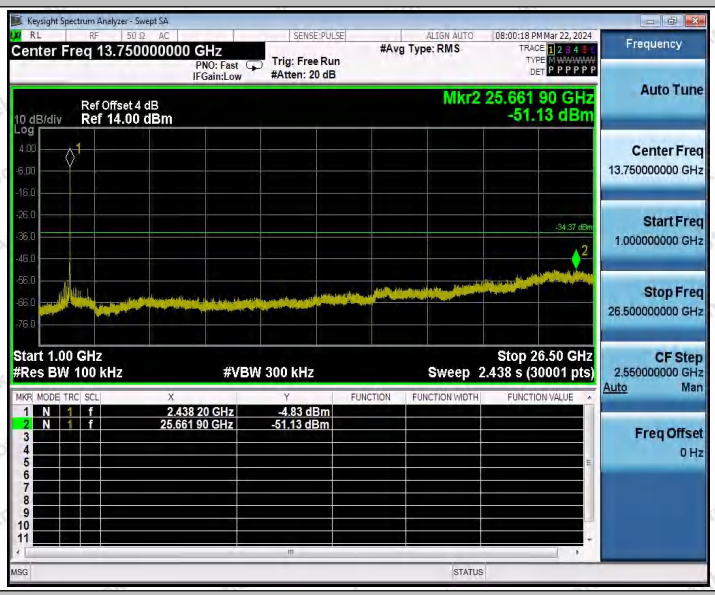
11G_Ant2_2412_1000~26500



11G_Ant1_2437_0~Reference

11G_Ant1_2437_30~1000

11G_Ant1_2437_1000~26500



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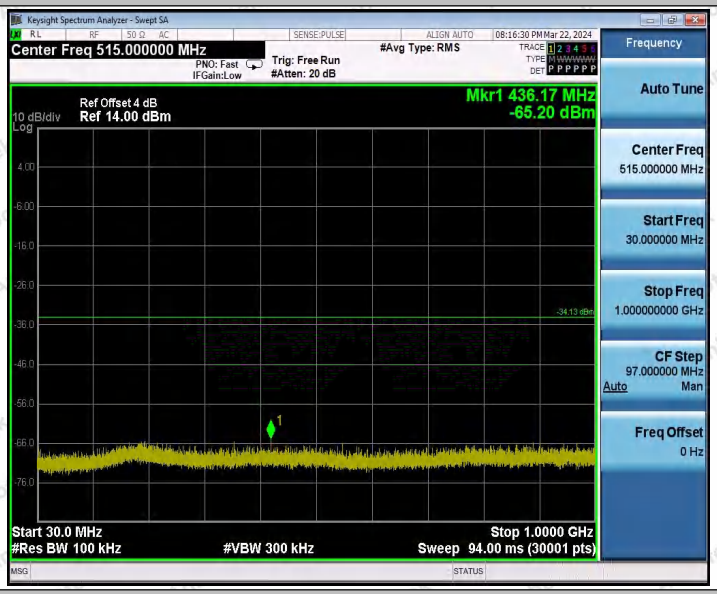
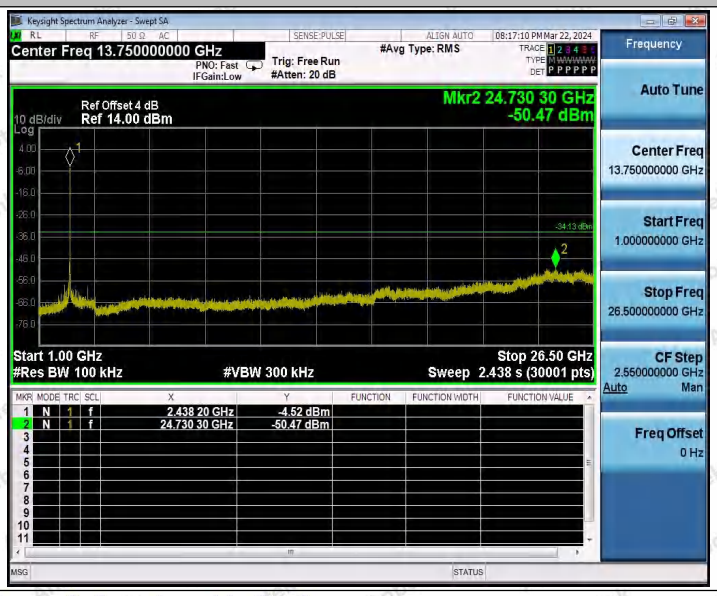
11G_Ant2_2437_30~1000

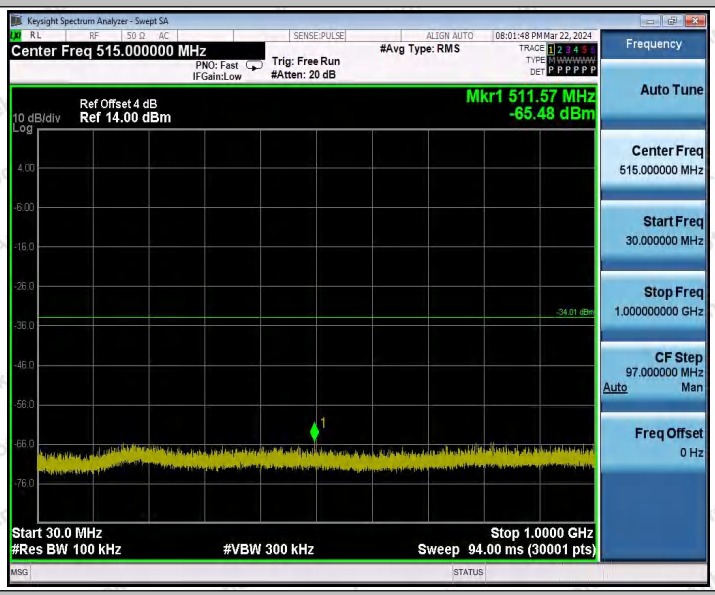


11G_Ant2_2437_1000~26500

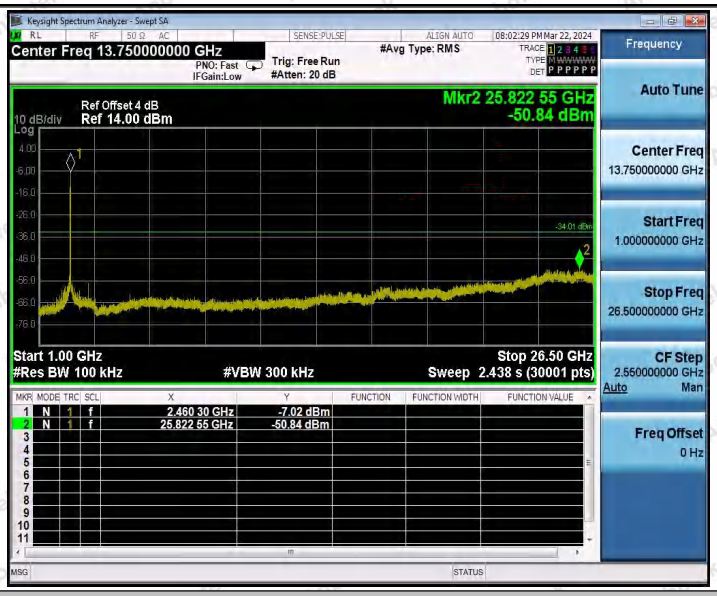


11G_Ant1_2462_0~Reference

11G_Ant1_2462_30~1000

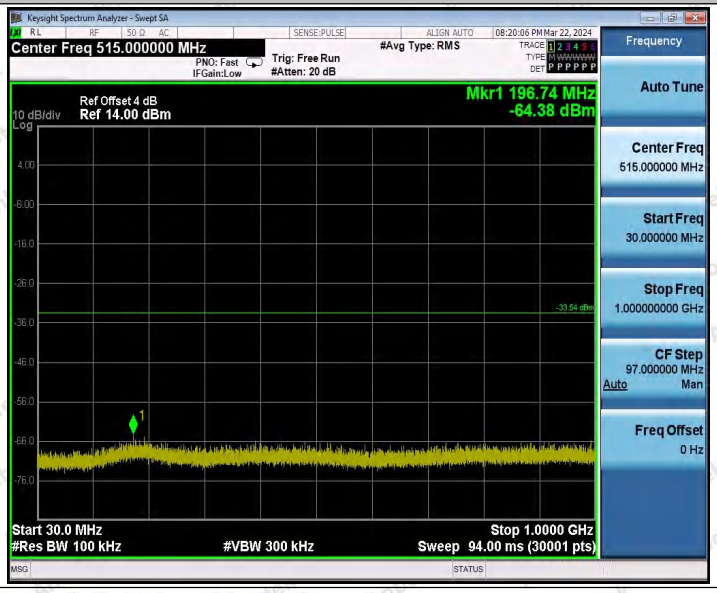


11G_Ant1_2462_1000~26500

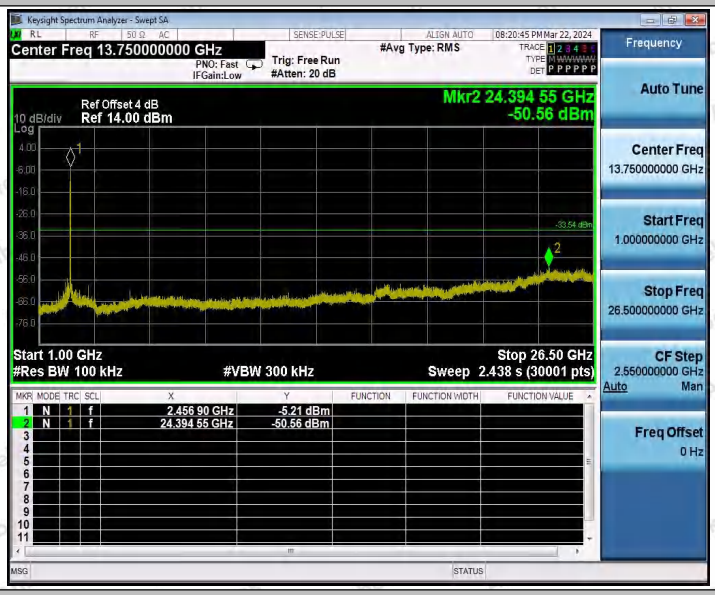


11G_Ant2_2462_0~Reference

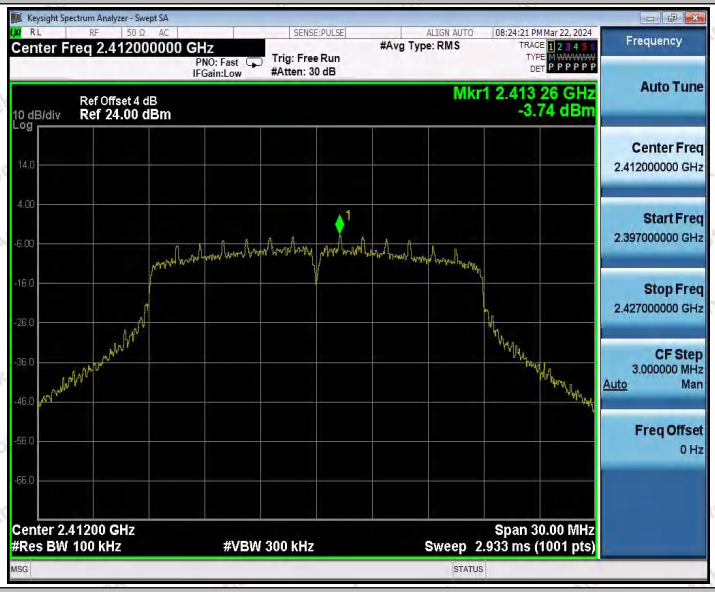
11G_Ant2_2462_30~1000



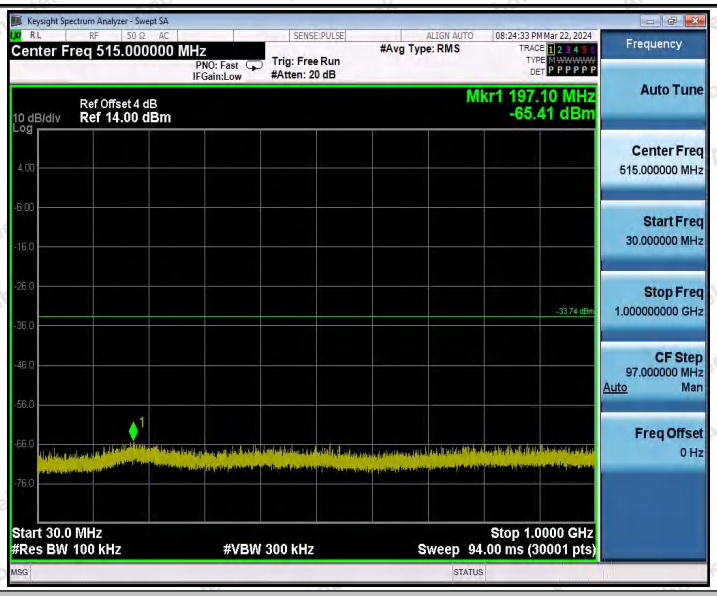
11G_Ant2_2462_1000~26500



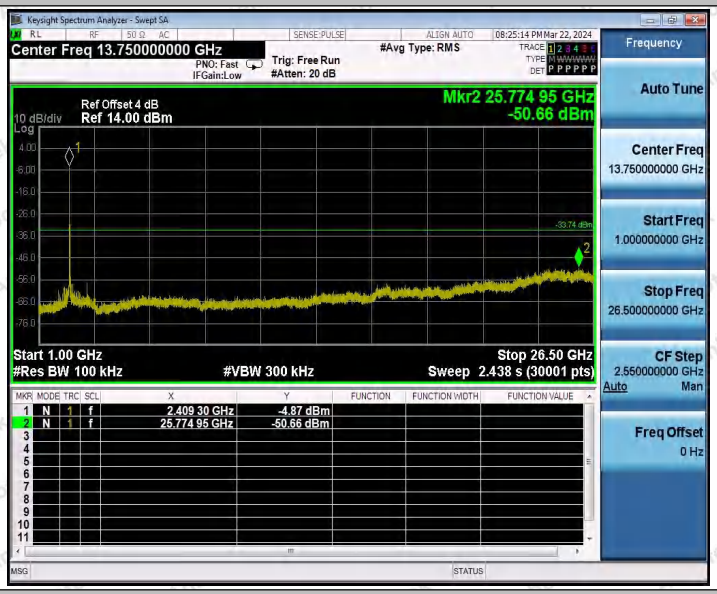
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



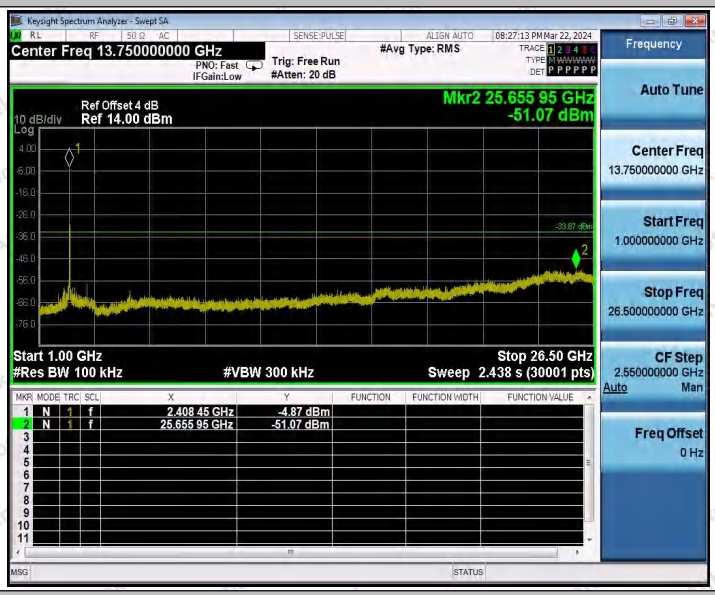
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant2_2412_0~Reference

11N20SISO_Ant2_2412_30~1000

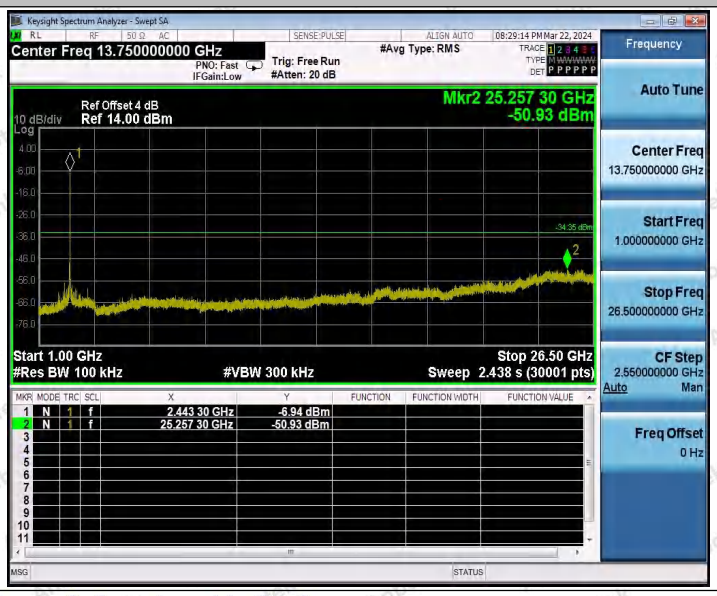
11N20SISO_Ant2_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference

11N20SISO_Ant1_2437_30~1000

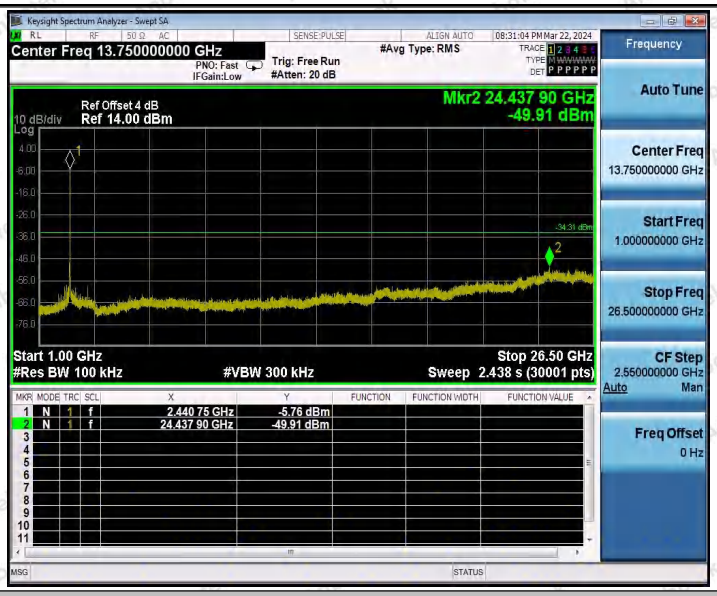
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant2_2437_0~Reference

11N20SISO_Ant2_2437_30~1000

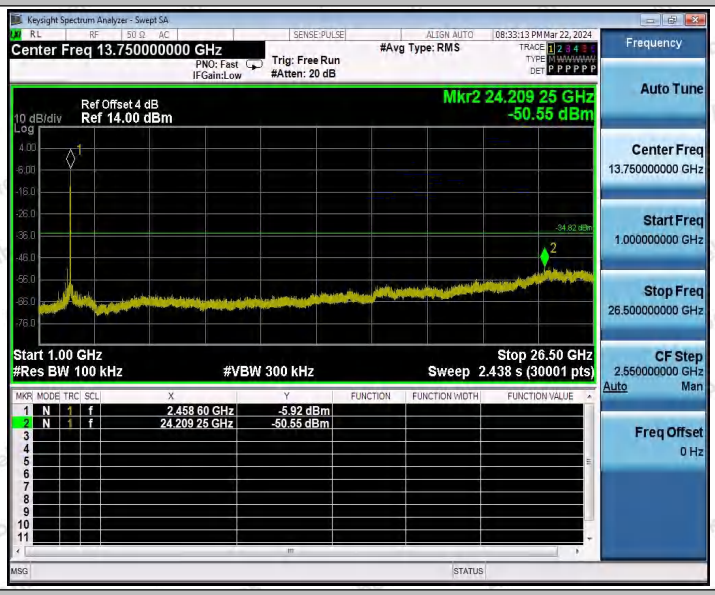
11N20SISO_Ant2_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

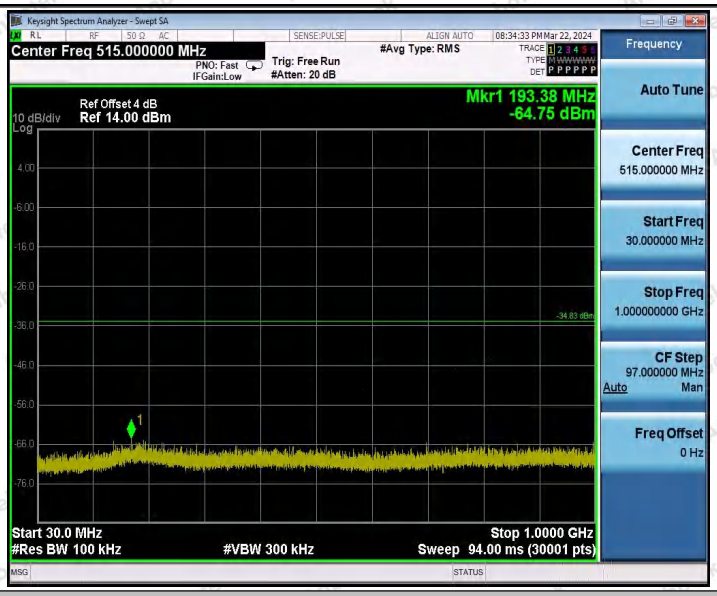
11N20SISO_Ant1_2462_30~1000

11N20SISO_Ant1_2462_1000~26500

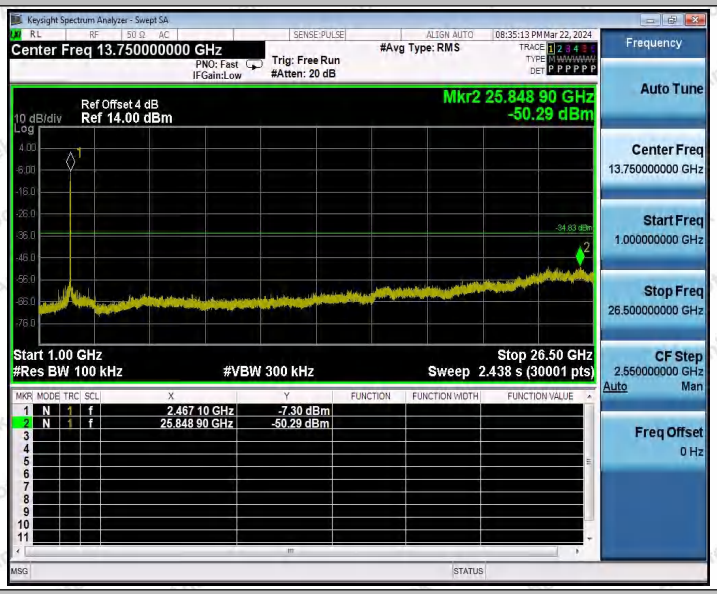


11N20SISO_Ant2_2462_0~Reference

11N20SISO_Ant2_2462_30~1000



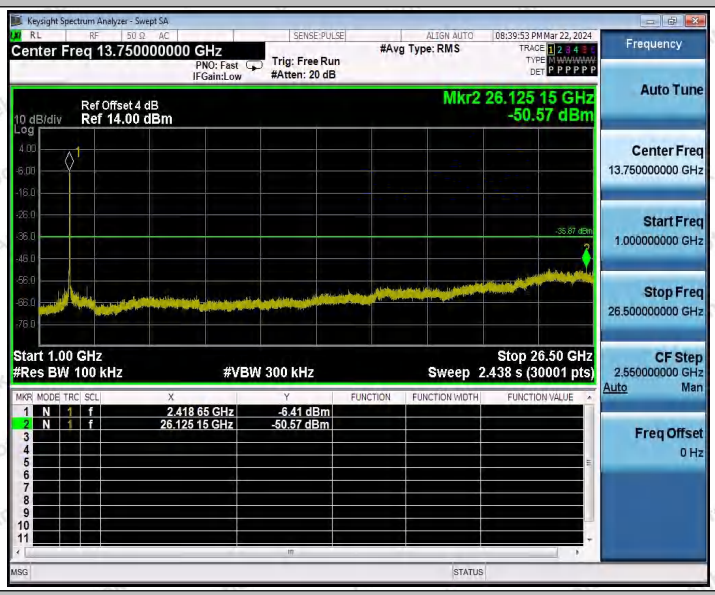
11N20SISO_Ant2_2462_1000~26500



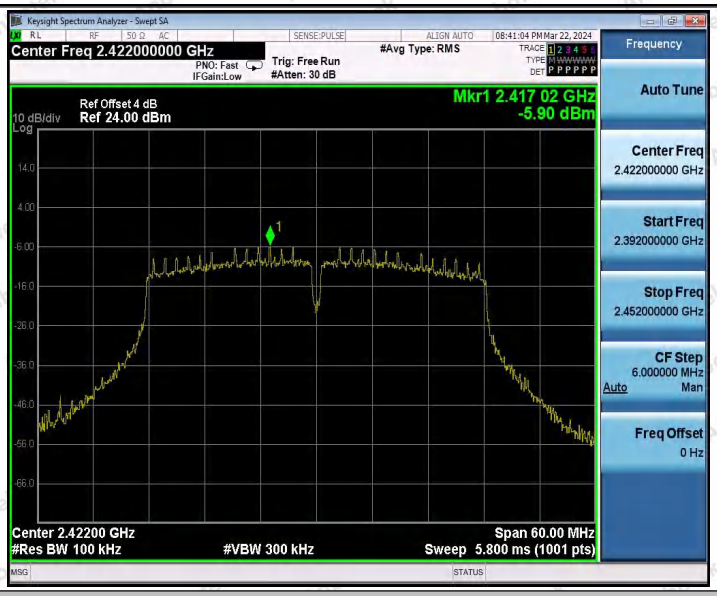
11N40SISO_Ant1_2422_0~Reference

11N40SISO_Ant1_2422_30~1000

11N40SISO_Ant1_2422_1000~26500

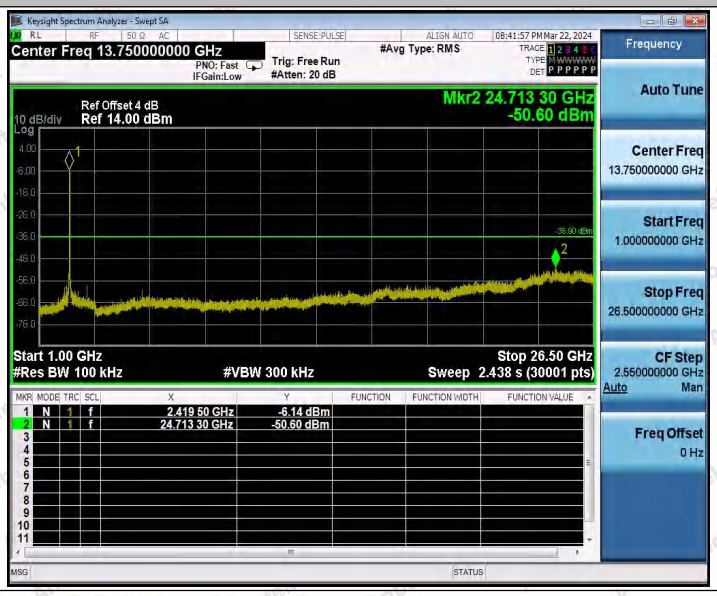


11N40SISO_Ant2_2422_0~Reference

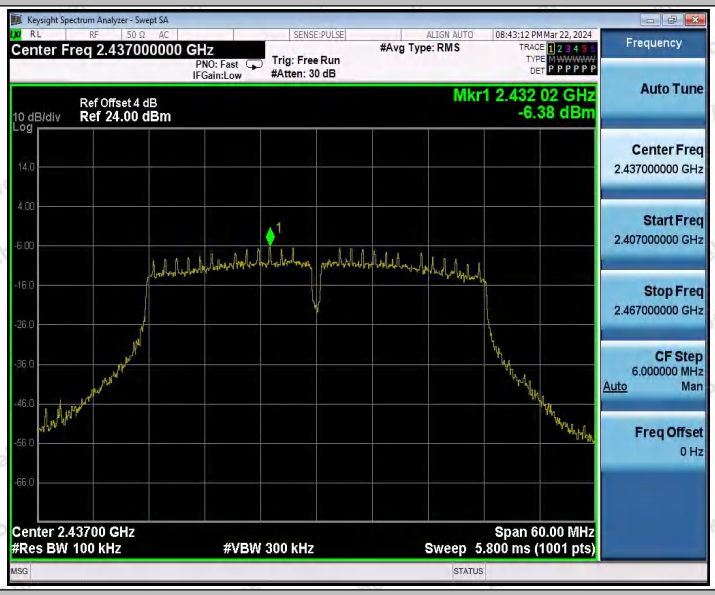


11N40SISO_Ant2_2422_30~1000

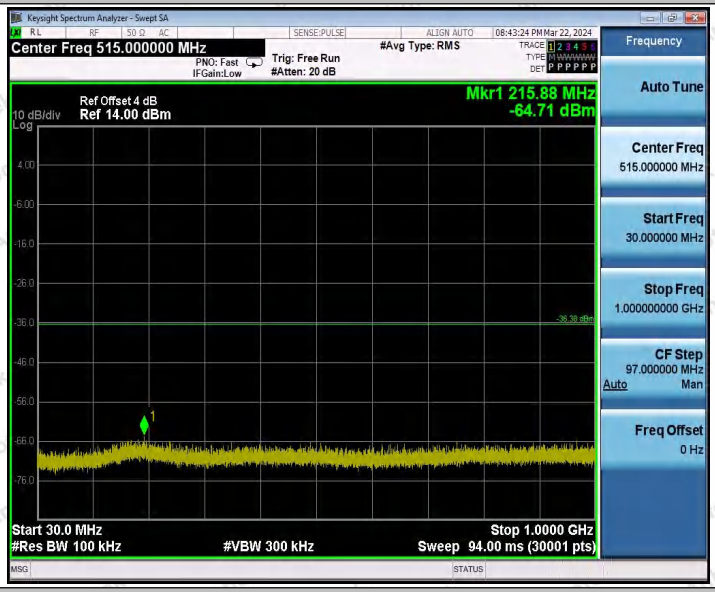
11N40SISO_Ant2_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



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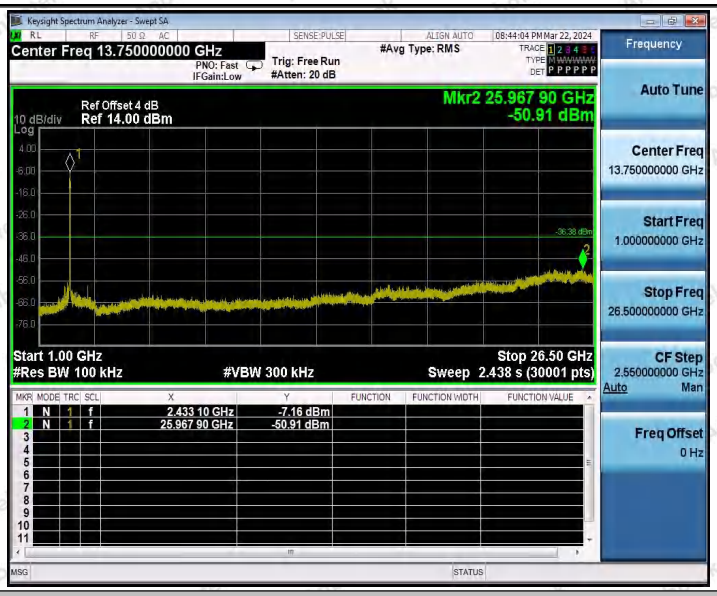

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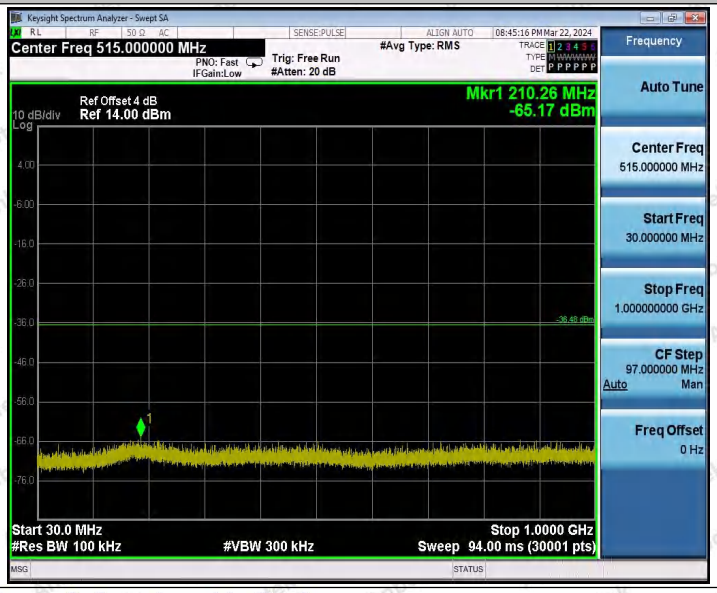

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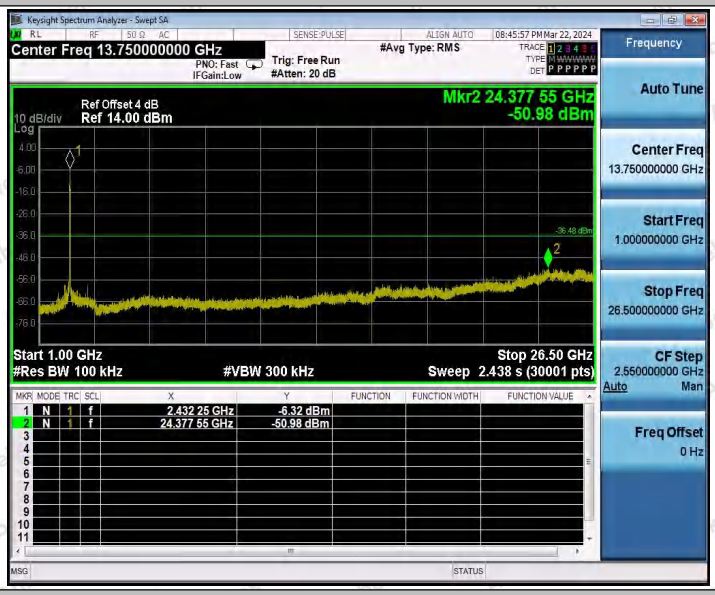

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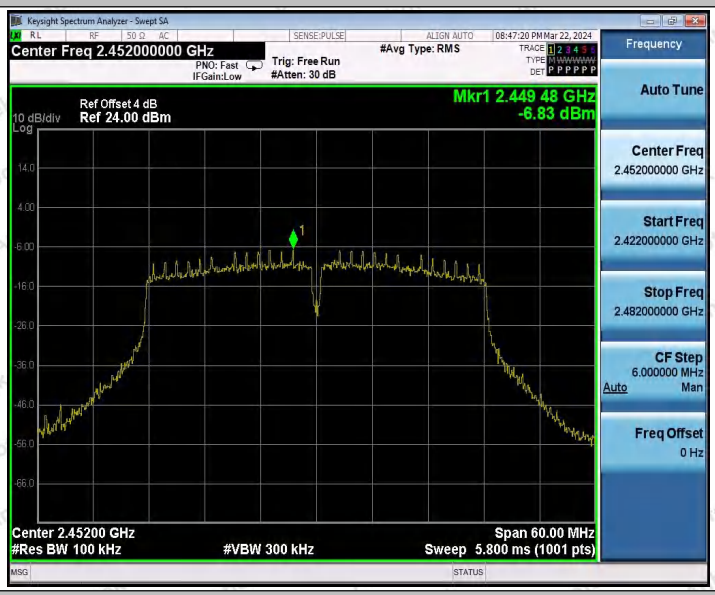

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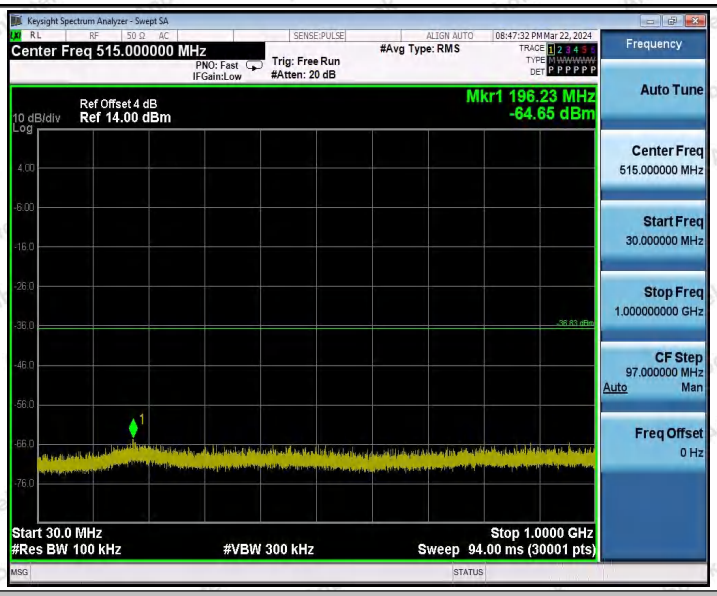

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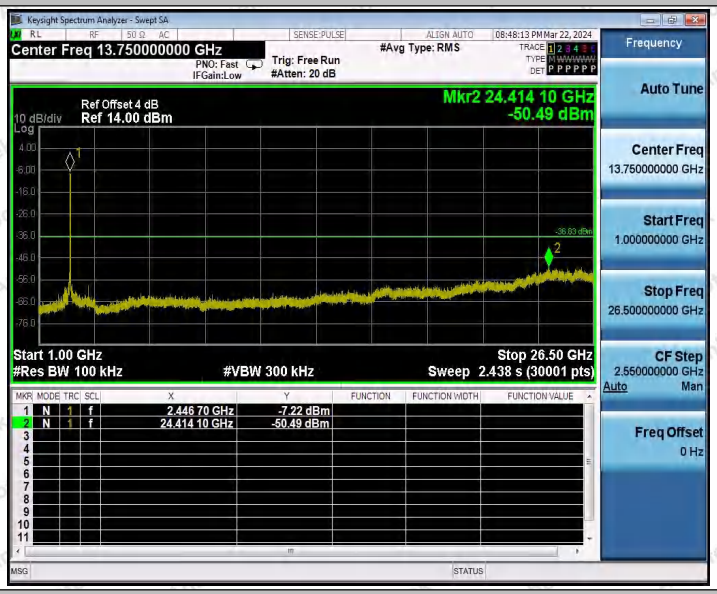

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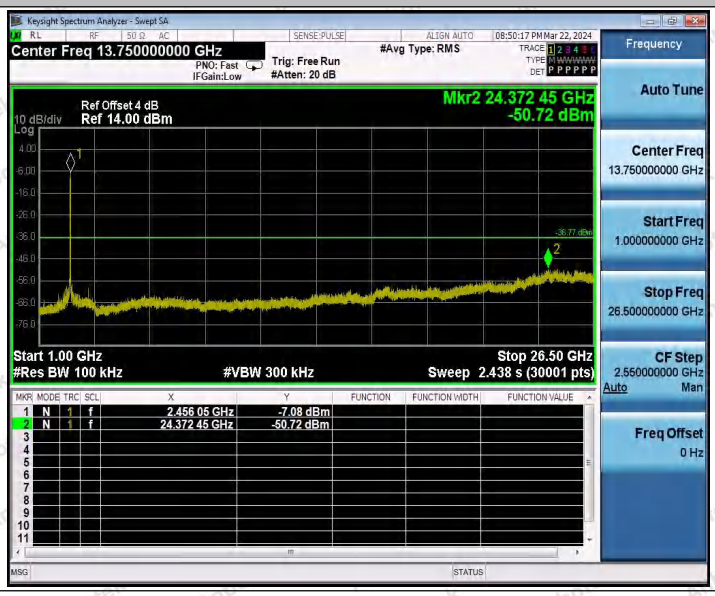
11N40SISO_Ant2_2452_30~1000

11N40SISO_Ant2_2452_1000~26500



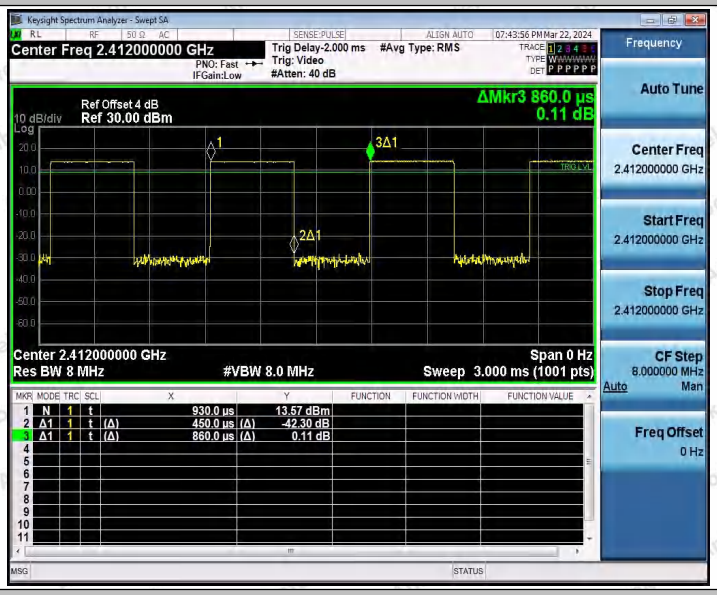
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	0.45	0.86	52.33	2.81
	Ant2	2412	0.45	0.86	52.33	2.81
	Ant1	2437	0.45	0.86	52.33	2.81
	Ant2	2437	0.45	0.86	52.33	2.81
	Ant1	2462	0.45	0.87	51.72	2.86
	Ant2	2462	0.45	0.87	51.72	2.86
11G	Ant1	2412	0.70	1.12	62.50	2.04
	Ant2	2412	0.71	1.13	62.83	2.02
	Ant1	2437	0.71	1.13	62.83	2.02
	Ant2	2437	0.70	1.12	62.50	2.04
	Ant1	2462	0.71	1.12	63.39	1.98
	Ant2	2462	0.70	1.12	62.50	2.04
11N20SISO	Ant1	2412	0.33	0.74	44.59	3.51
	Ant2	2412	0.33	0.74	44.59	3.51
	Ant1	2437	0.34	0.75	45.33	3.44
	Ant2	2437	0.33	0.74	44.59	3.51
	Ant1	2462	0.33	0.75	44.00	3.57
	Ant2	2462	0.33	0.74	44.59	3.51
11N40SISO	Ant1	2422	0.32	0.73	43.84	3.58
	Ant2	2422	0.31	0.73	42.47	3.72
	Ant1	2437	0.31	0.73	42.47	3.72
	Ant2	2437	0.31	0.72	43.06	3.66
	Ant1	2452	0.32	0.73	43.84	3.58
	Ant2	2452	0.31	0.72	43.06	3.66

Test Graphs

11B_Ant1_2412



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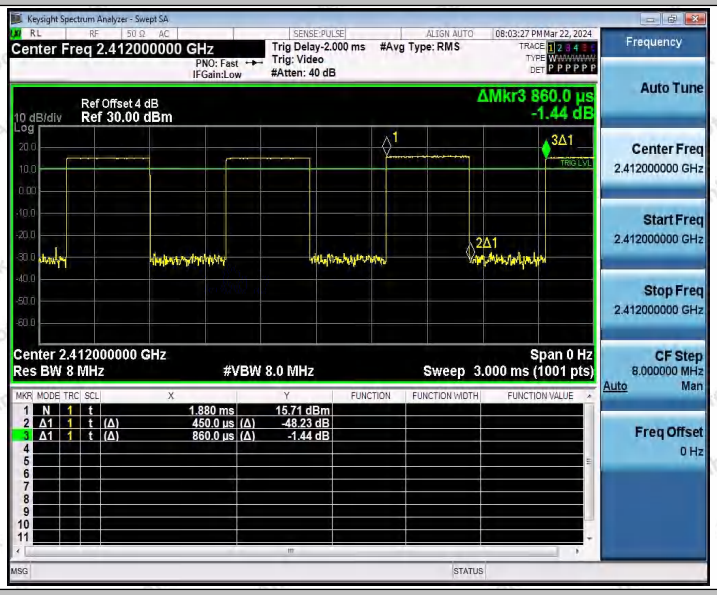

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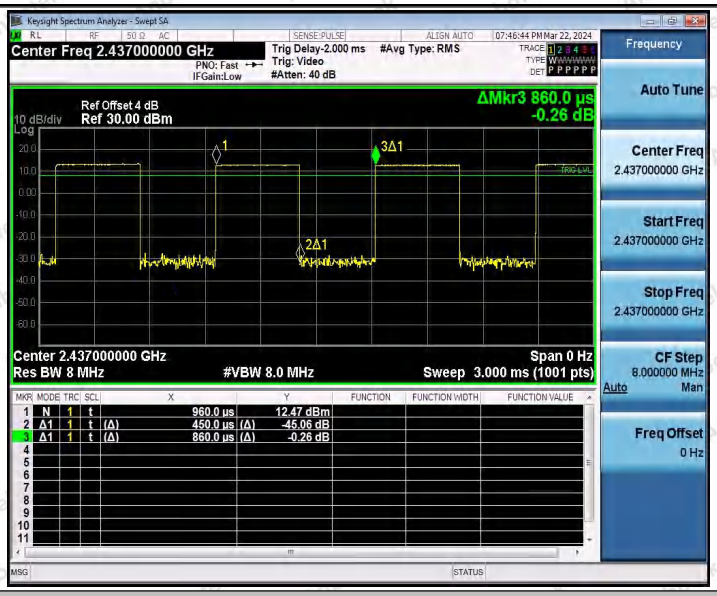

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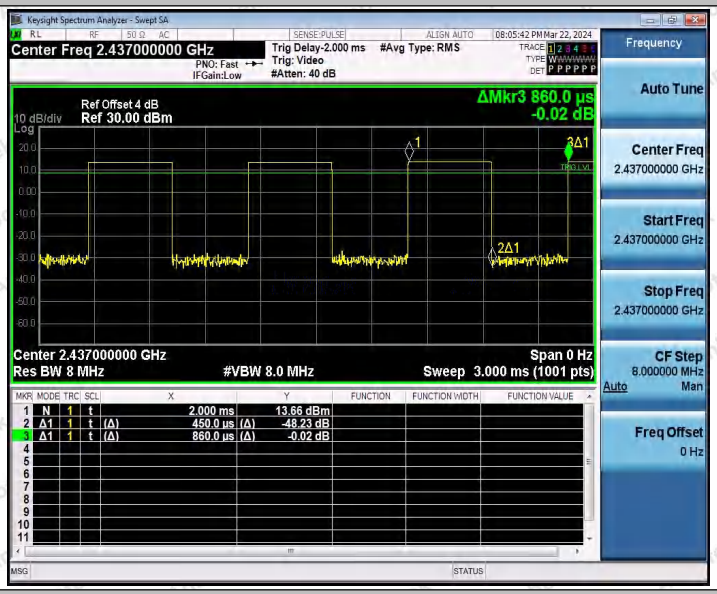

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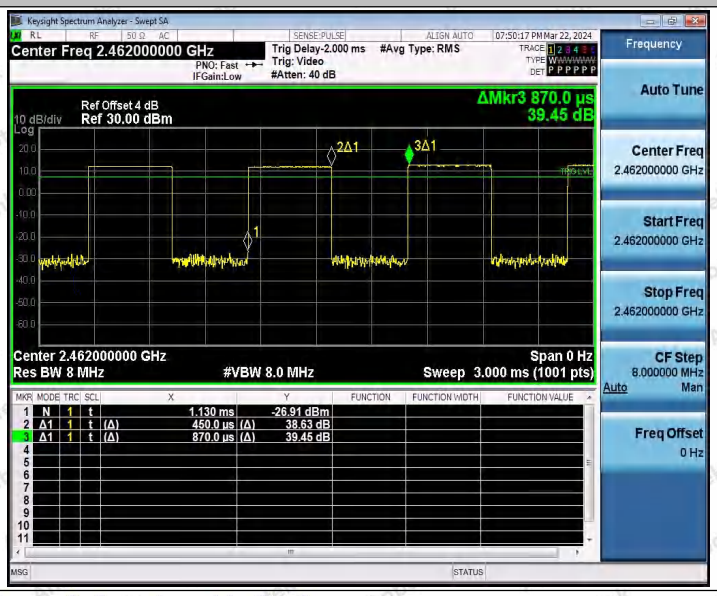

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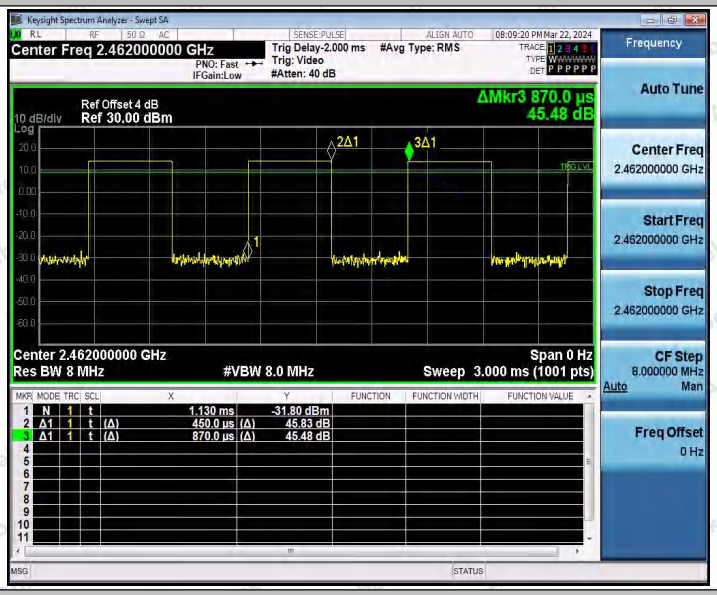

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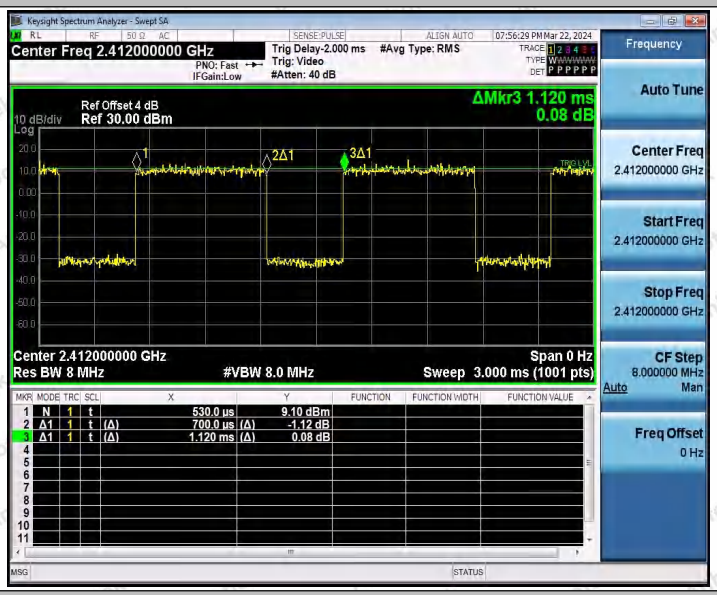

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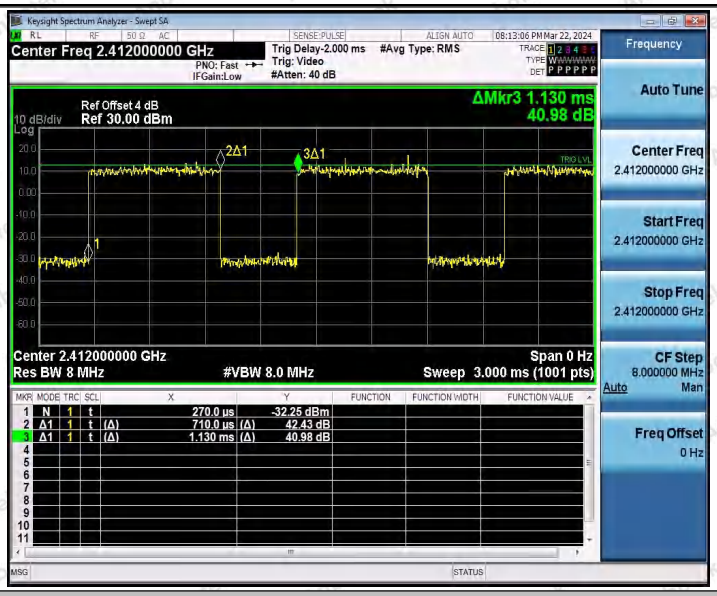

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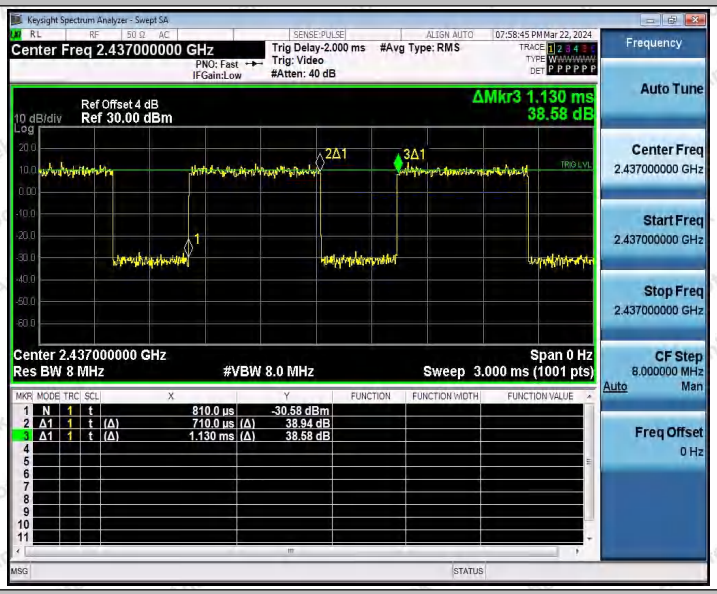

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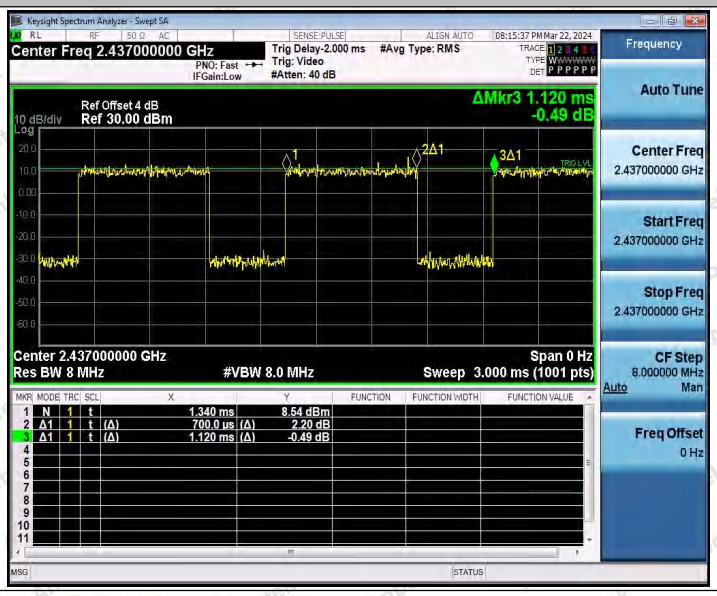

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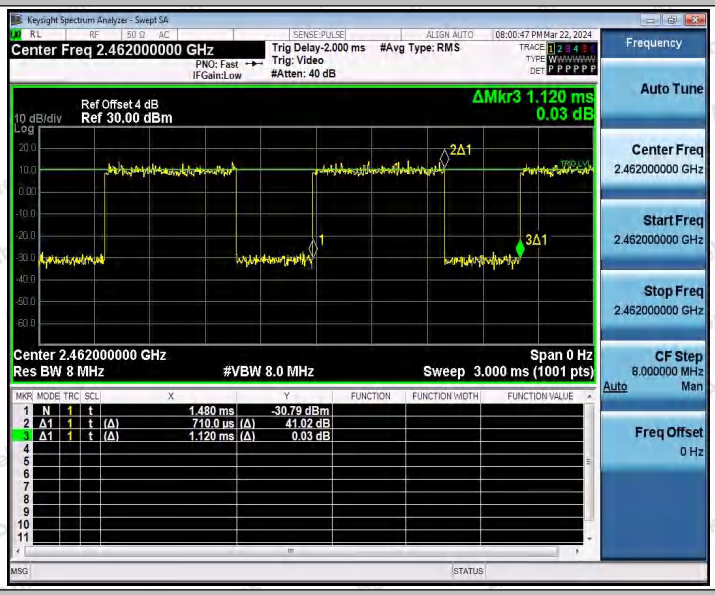

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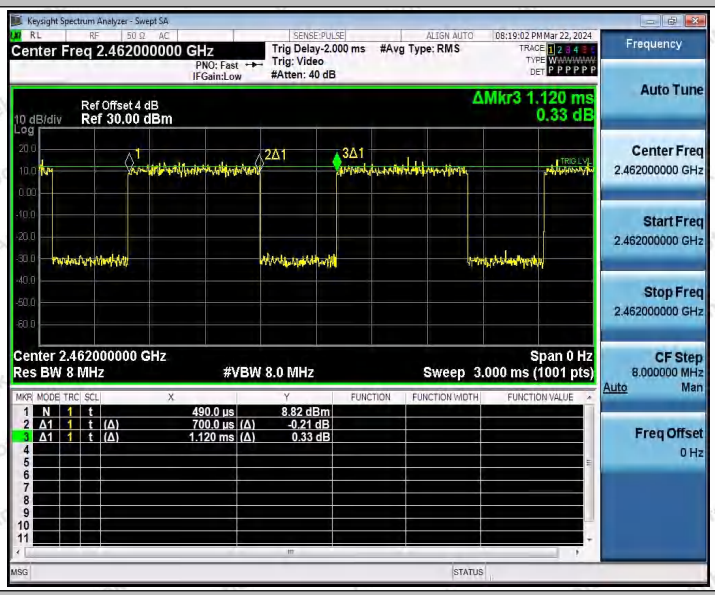

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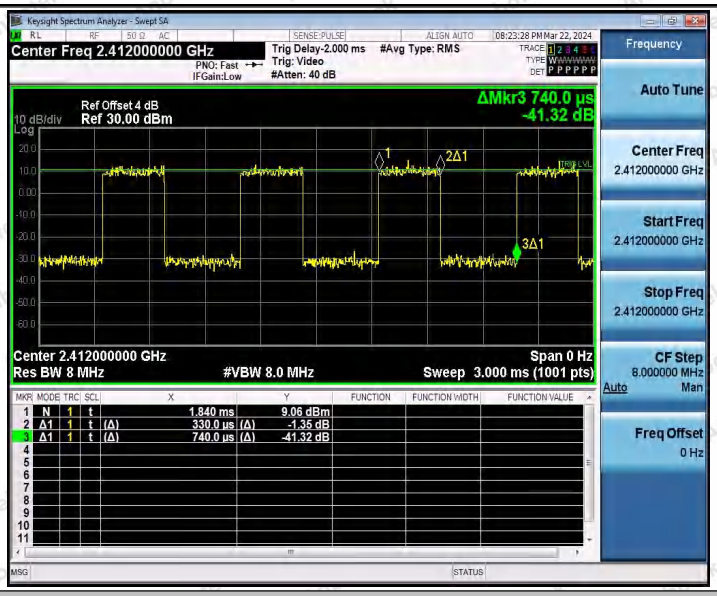

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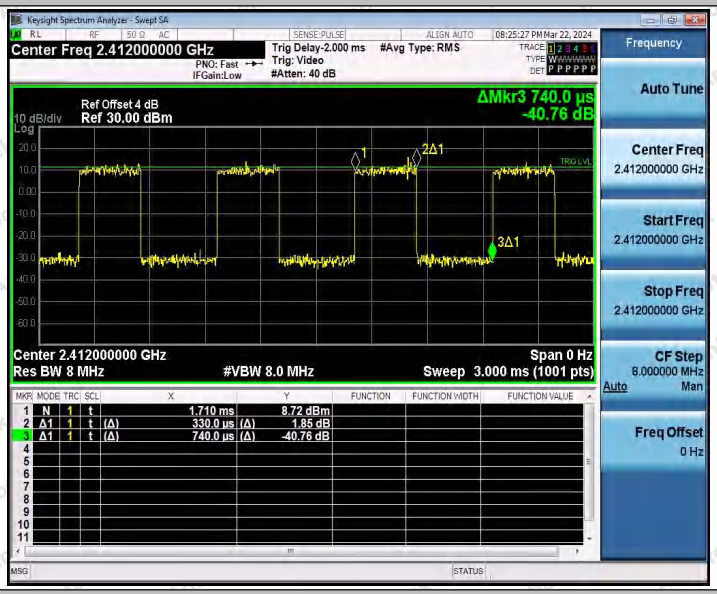

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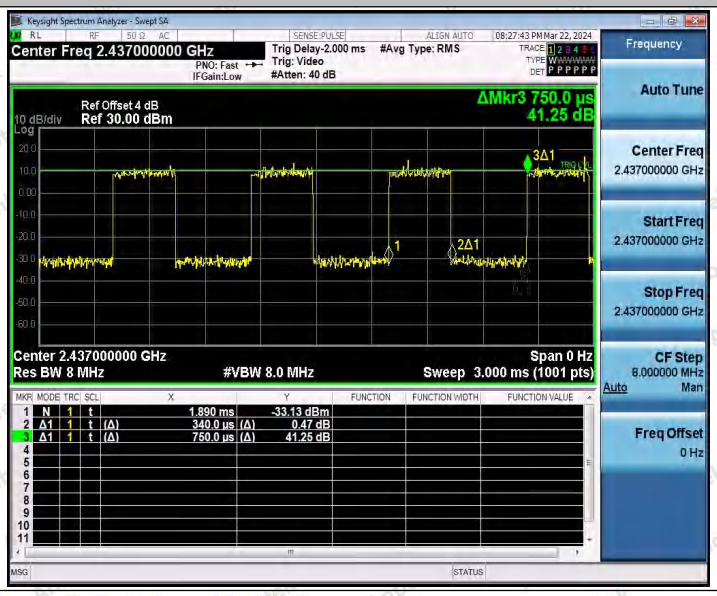

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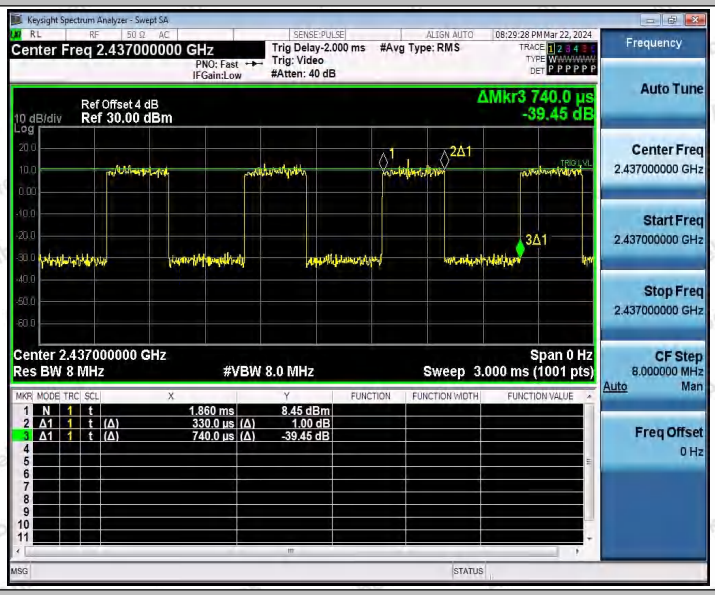

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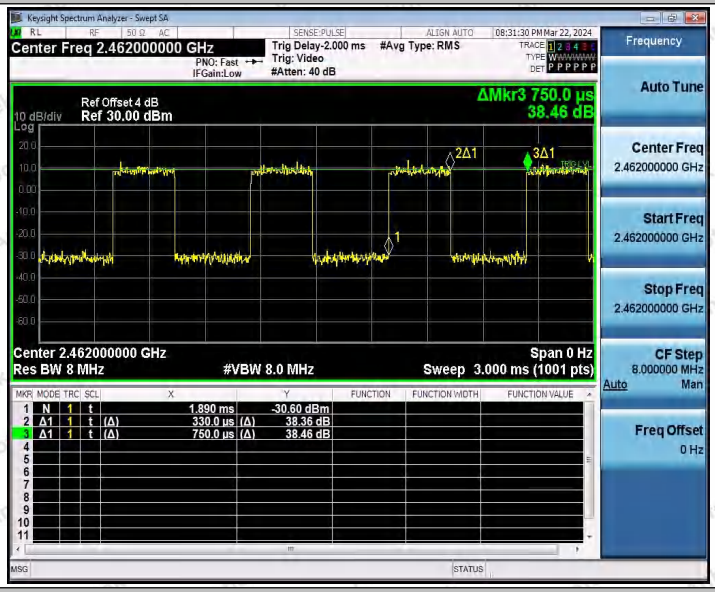

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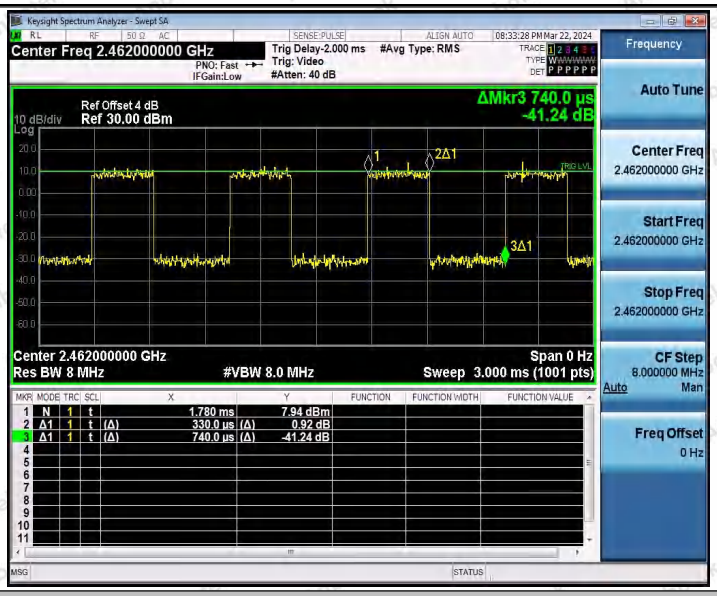

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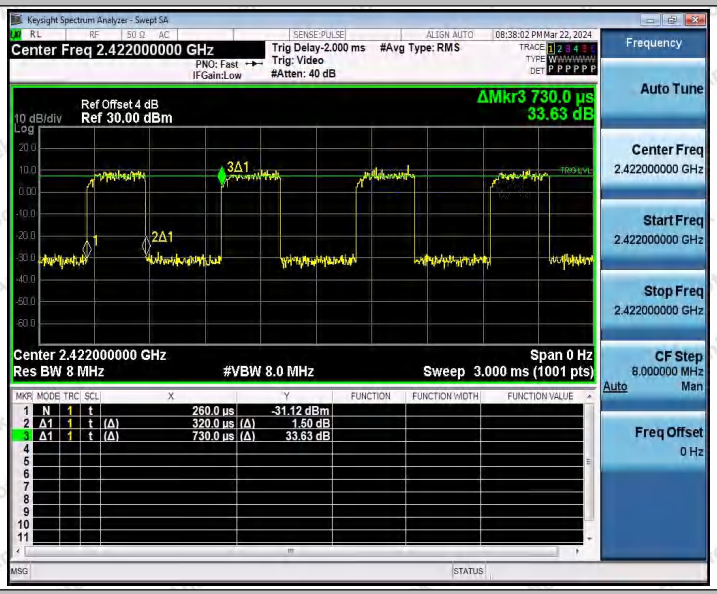

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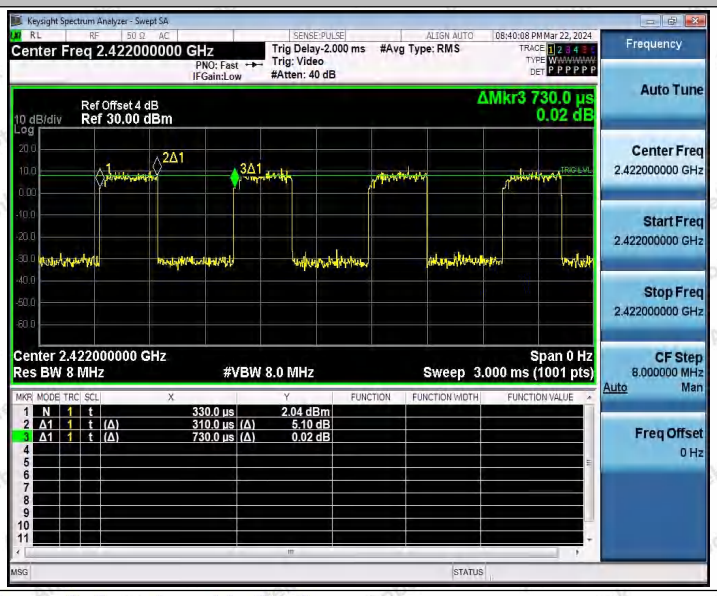

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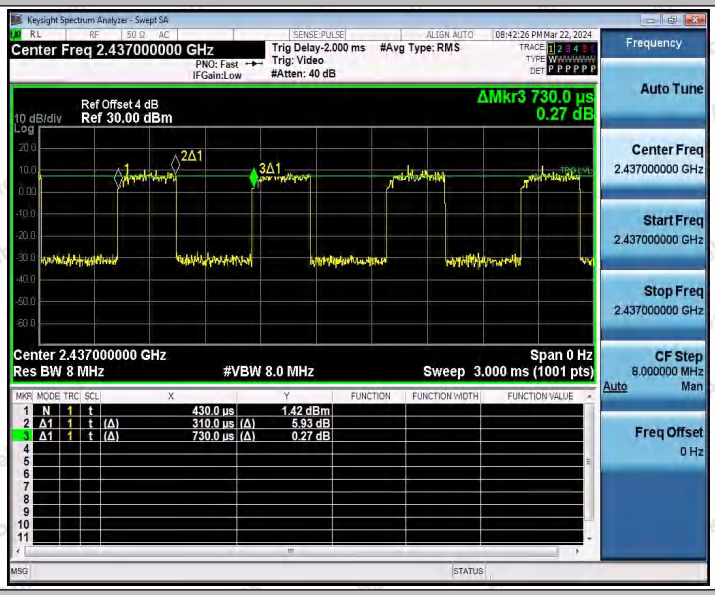

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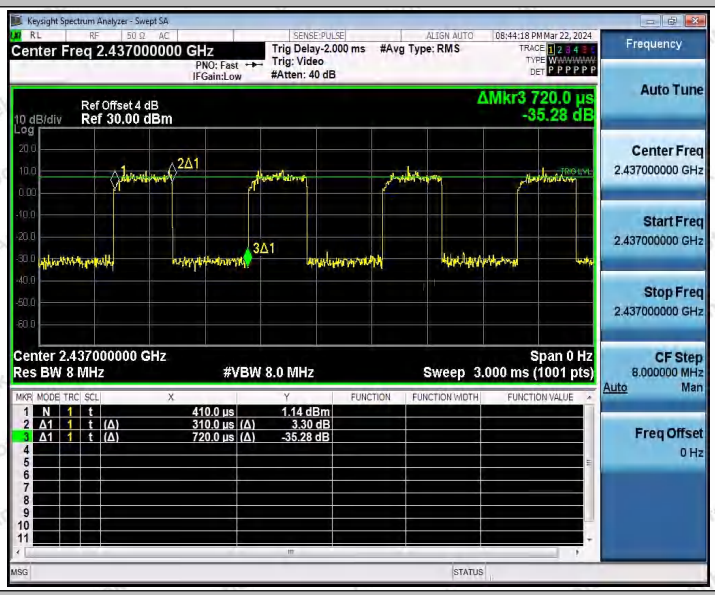

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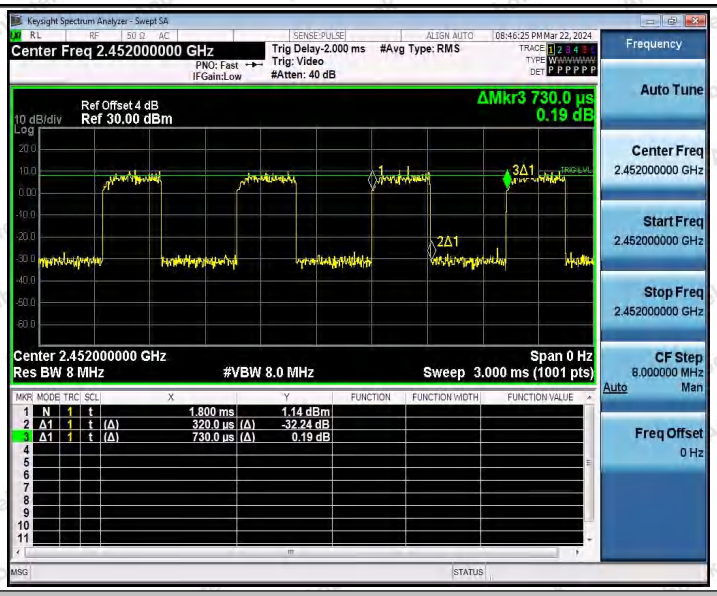

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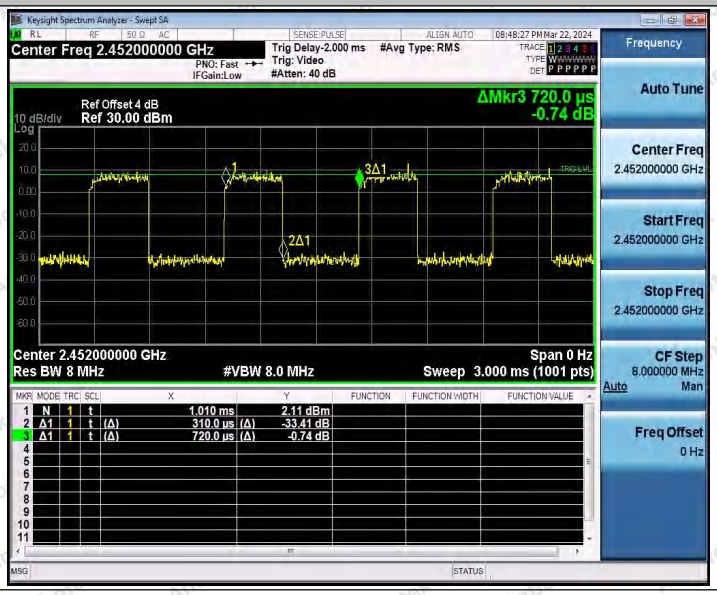

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