Appendix F: Conducted Spurious Emission

Test Result

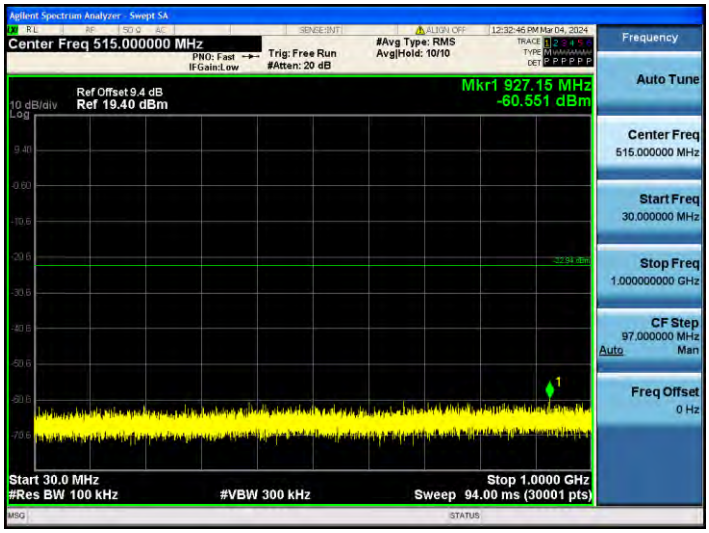
Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.06	7.06	---	PASS
			30~1000	7.06	-60.55	≤-22.94	PASS
			1000~26500	7.06	-42.78	≤-22.94	PASS
		2437	Reference	6.07	6.07	---	PASS
			30~1000	6.07	-60.97	≤-23.93	PASS
			1000~26500	6.07	-42.76	≤-23.93	PASS
		2462	Reference	6.11	6.11	---	PASS
			30~1000	6.11	-60.17	≤-23.89	PASS
			1000~26500	6.11	-43.28	≤-23.89	PASS
11G	Ant1	2412	Reference	2.90	2.90	---	PASS
			30~1000	2.90	-59.92	≤-27.1	PASS
			1000~26500	2.90	-43.52	≤-27.1	PASS
		2437	Reference	2.27	2.27	---	PASS
			30~1000	2.27	-60.32	≤-27.73	PASS
			1000~26500	2.27	-43.69	≤-27.73	PASS
		2462	Reference	-0.90	-0.90	---	PASS
			30~1000	-0.90	-60.34	≤-30.9	PASS
			1000~26500	-0.90	-43.7	≤-30.9	PASS
11N20SISO	Ant1	2412	Reference	0.77	0.77	---	PASS
			30~1000	0.77	-59.91	≤-29.23	PASS
			1000~26500	0.77	-43.71	≤-29.23	PASS
		2437	Reference	0.46	0.46	---	PASS
			30~1000	0.46	-60.44	≤-29.54	PASS
			1000~26500	0.46	-43.74	≤-29.54	PASS
		2462	Reference	1.66	1.66	---	PASS
			30~1000	1.66	-61.19	≤-28.34	PASS
			1000~26500	1.66	-43.65	≤-28.34	PASS
11N40SISO	Ant1	2422	Reference	-1.37	-1.37	---	PASS
			30~1000	-1.37	-56.05	≤-31.37	PASS
			1000~26500	-1.37	-43.56	≤-31.37	PASS
		2437	Reference	-1.70	-1.70	---	PASS
			30~1000	-1.70	-55.12	≤-31.7	PASS
			1000~26500	-1.70	-42.57	≤-31.7	PASS
		2452	Reference	-1.90	-1.90	---	PASS

			30~1000	-1.90	-56.23	≤-31.9	PASS
			1000~26500	-1.90	-44.07	≤-31.9	PASS
11AX20SISO	Ant1	2412	Reference	-0.10	-0.10	---	PASS
			30~1000	-0.10	-60.79	≤-30.1	PASS
			1000~26500	-0.10	-43.95	≤-30.1	PASS
		2437	Reference	-0.81	-0.81	---	PASS
			30~1000	-0.81	-60.08	≤-30.81	PASS
			1000~26500	-0.81	-43.82	≤-30.81	PASS
		2462	Reference	-2.22	-2.22	---	PASS
			30~1000	-2.22	-60.49	≤-32.22	PASS
			1000~26500	-2.22	-43.59	≤-32.22	PASS
11AX40SISO	Ant1	2422	Reference	-1.99	-1.99	---	PASS
			30~1000	-1.99	-58.46	≤-31.99	PASS
			1000~26500	-1.99	-43.79	≤-31.99	PASS
		2437	Reference	-5.28	-5.28	---	PASS
			30~1000	-5.28	-57.53	≤-35.28	PASS
			1000~26500	-5.28	-43.19	≤-35.28	PASS
		2452	Reference	-2.61	-2.61	---	PASS
			30~1000	-2.61	-58.05	≤-32.61	PASS
			1000~26500	-2.61	-43.27	≤-32.61	PASS

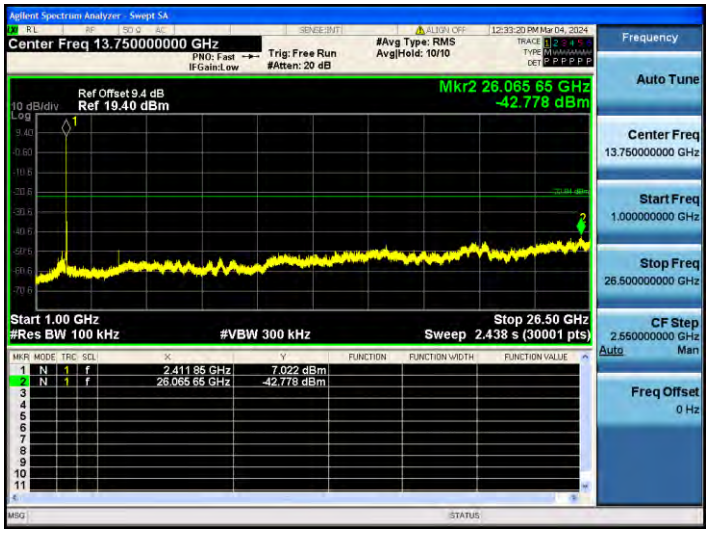
Test Graphs

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

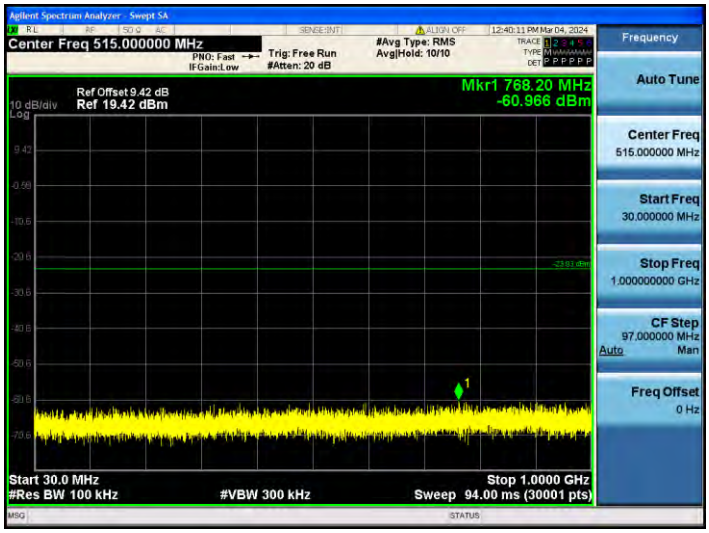


11B_Ant1_2412_1000~26500

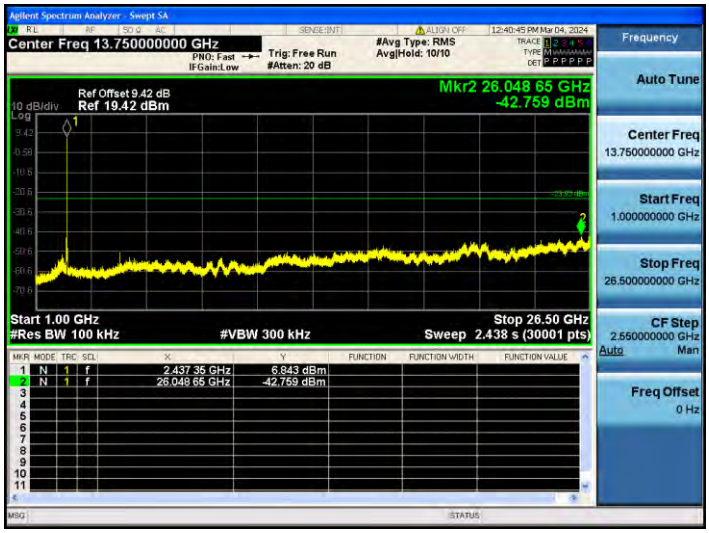


11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000

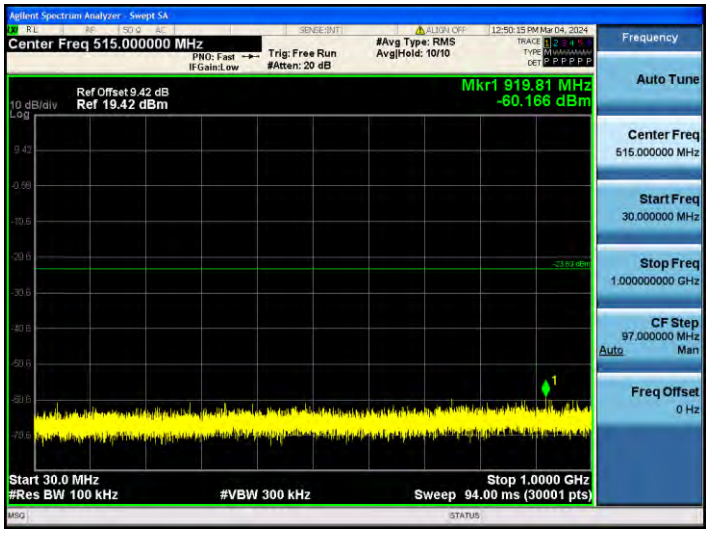


11B_Ant1_2437_1000~26500

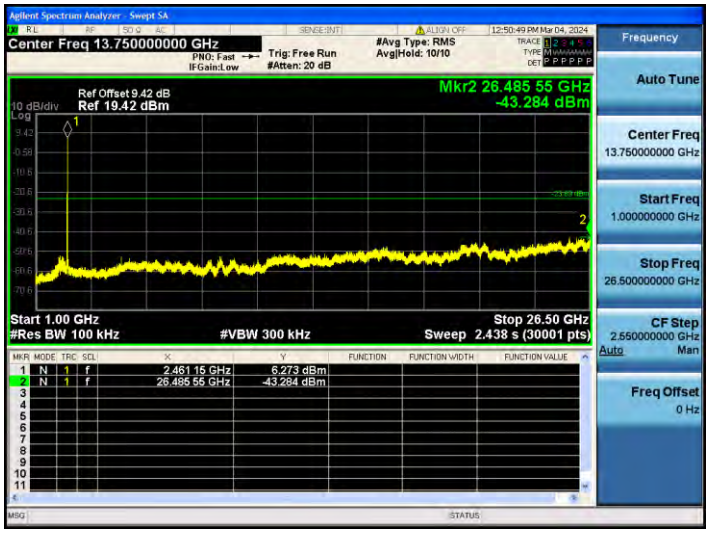


11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000

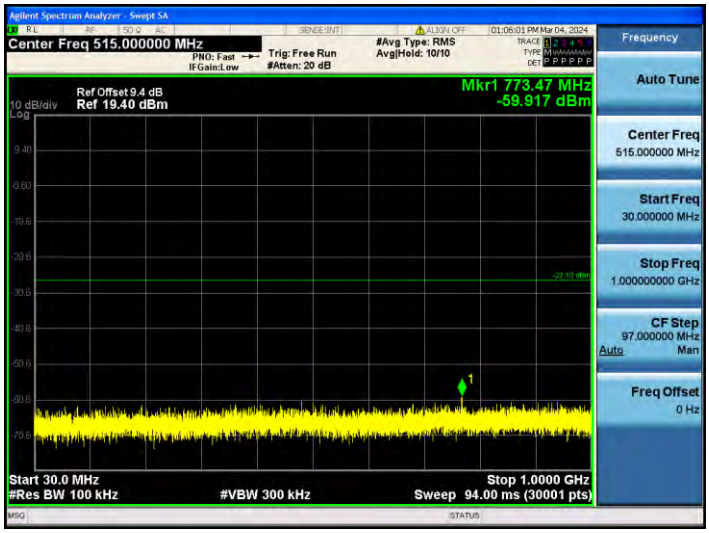


11B_Ant1_2462_1000~26500

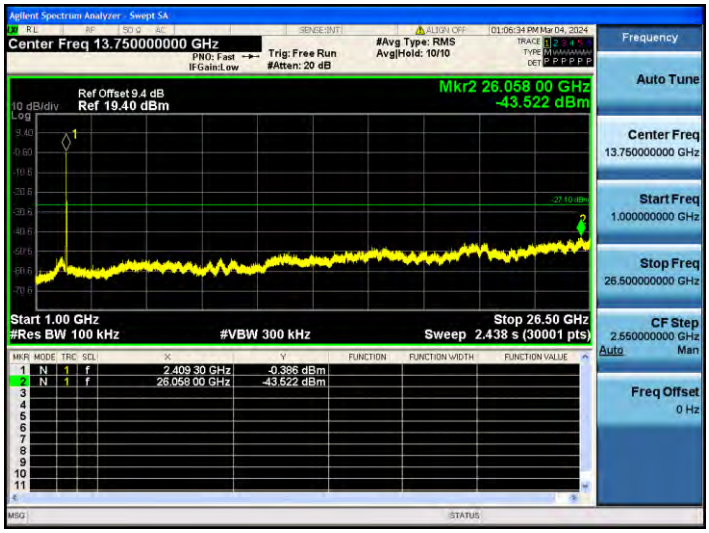


11G_Ant1_2412_0~Reference

11G_Ant1_2412_30~1000

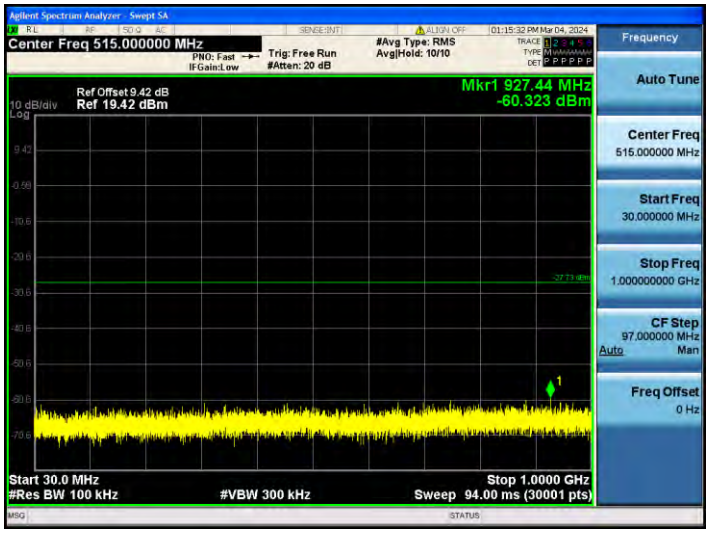


11G_Ant1_2412_1000~26500

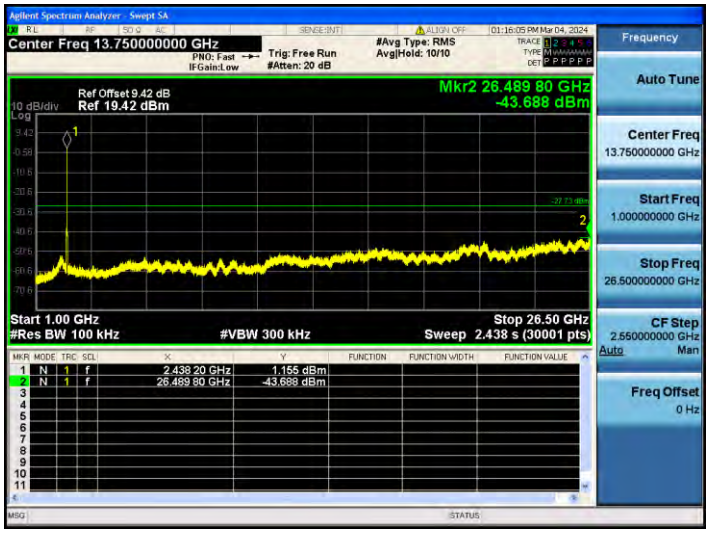


11G_Ant1_2437_0~Reference

11G_Ant1_2437_30~1000

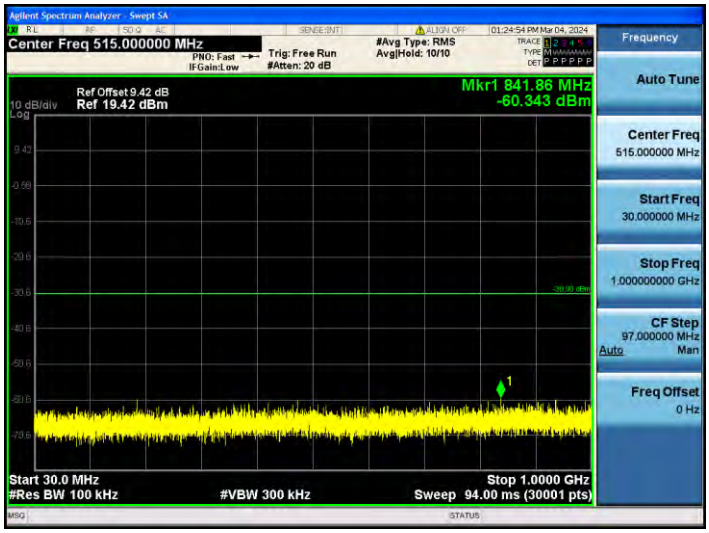


11G_Ant1_2437_1000~26500

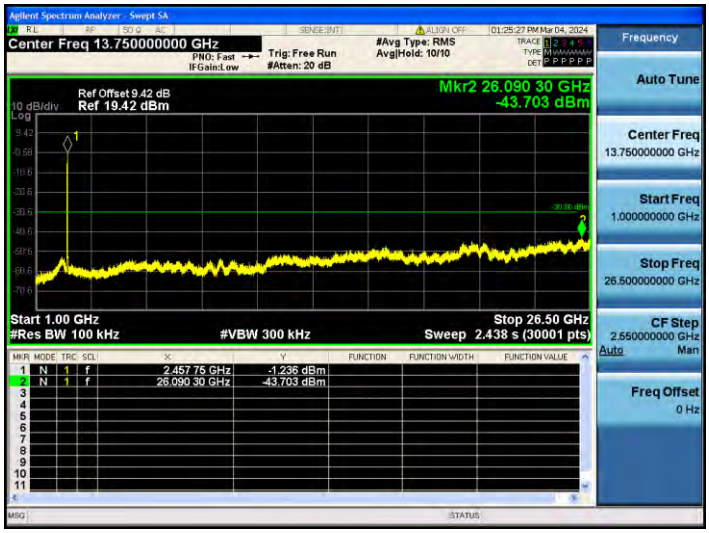


11G_Ant1_2462_0~Reference

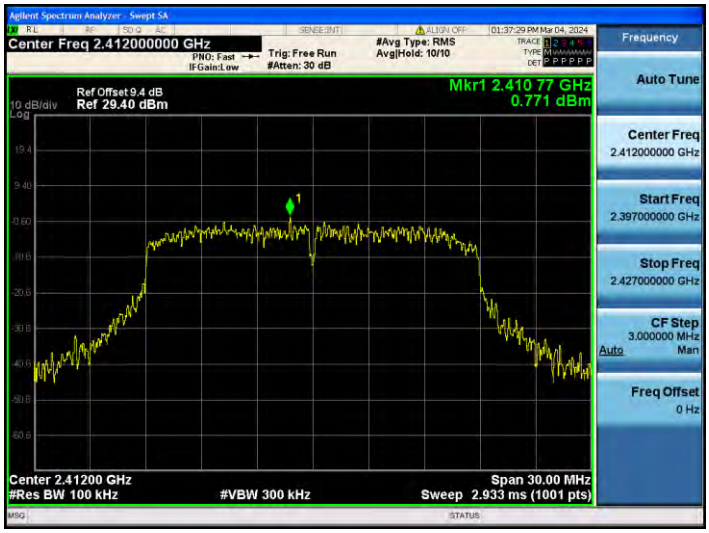
11G_Ant1_2462_30~1000



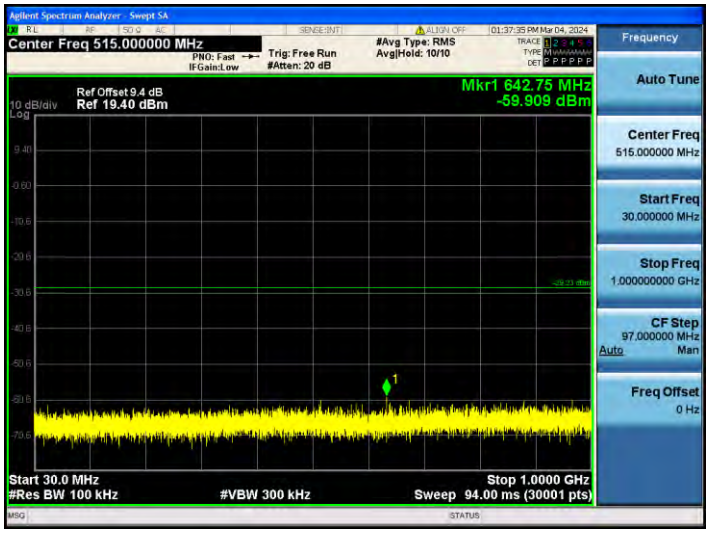
11G_Ant1_2462_1000~26500



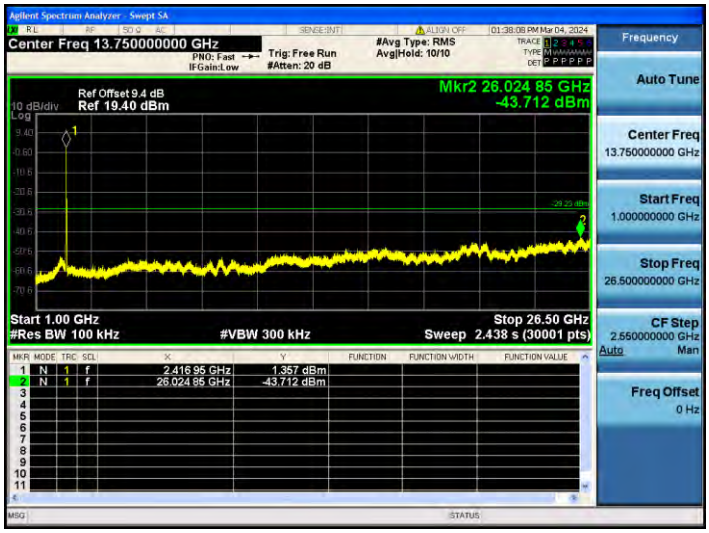
11N20SISO_Ant1_2412_0~Reference



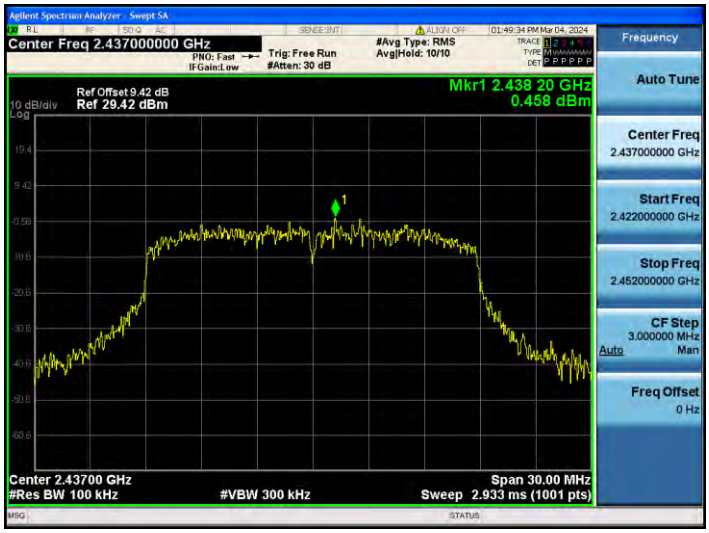
11N20SISO_Ant1_2412_30~1000



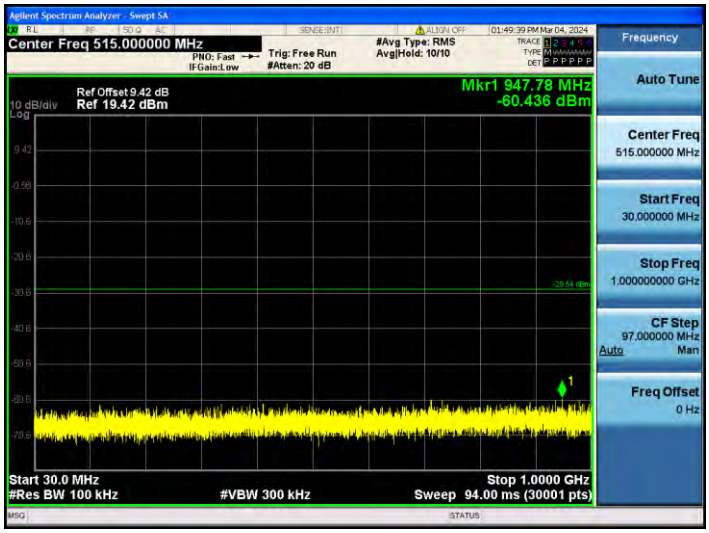
11N20SISO_Ant1_2412_1000~26500



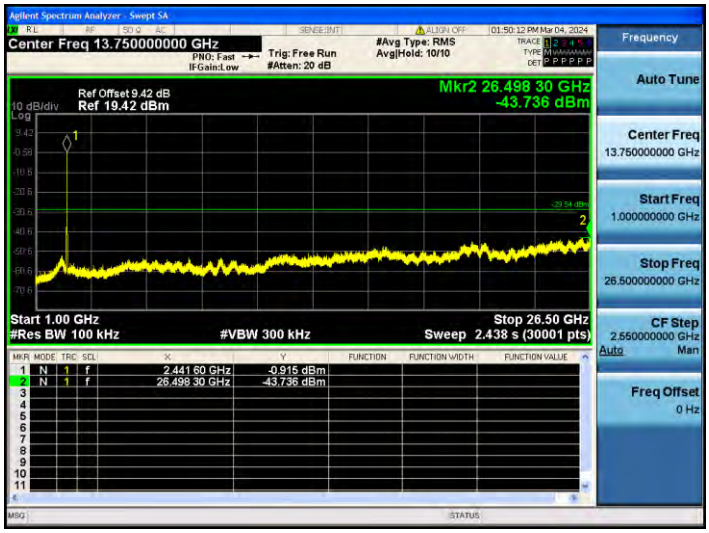
11N20SISO_Ant1_2437_0~Reference



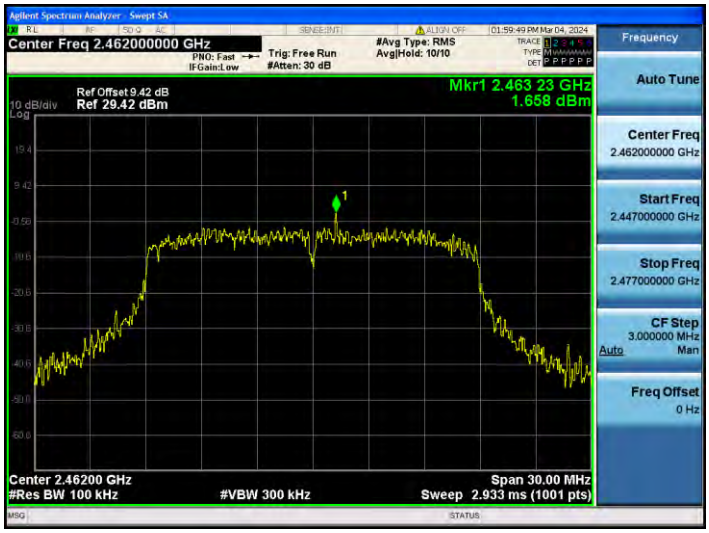
11N20SISO_Ant1_2437_30~1000



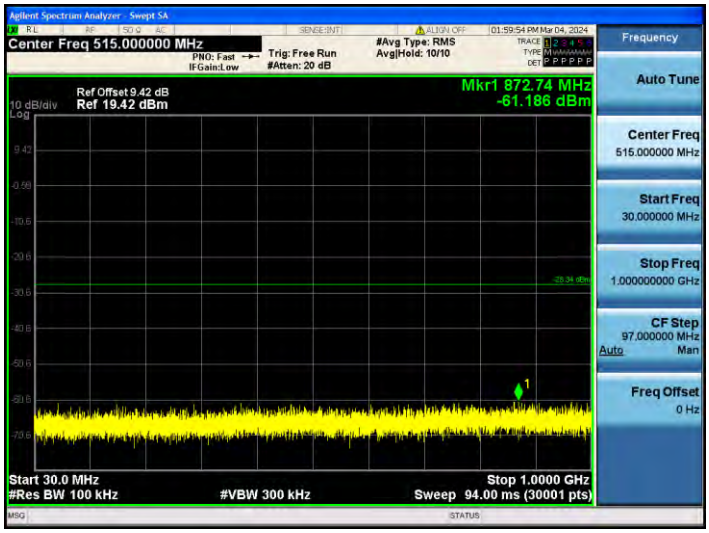
11N20SISO_Ant1_2437_1000~26500



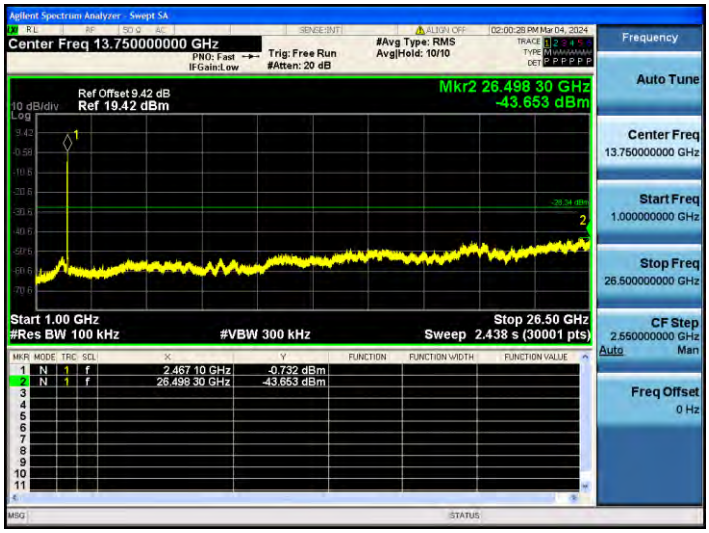
11N20SISO_Ant1_2462_0~Reference



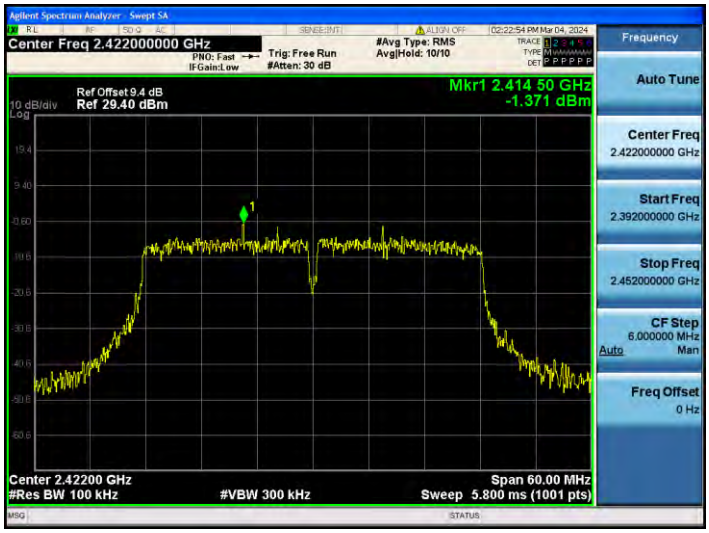
11N20SISO_Ant1_2462_30~1000



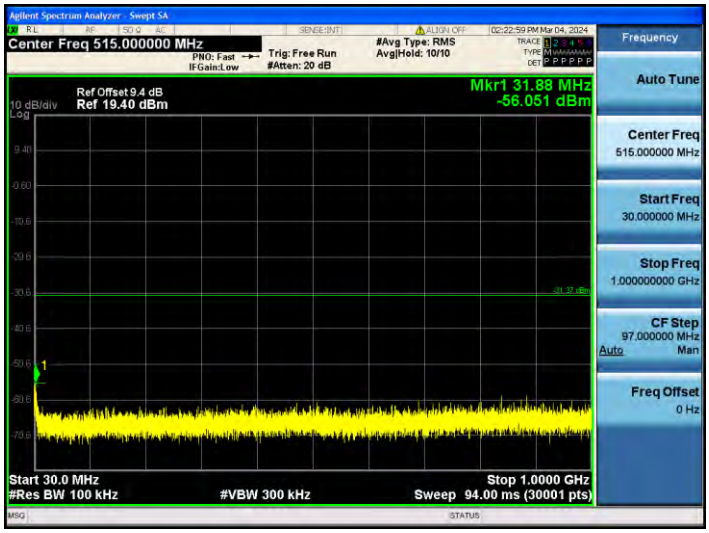
11N20SISO_Ant1_2462_1000~26500



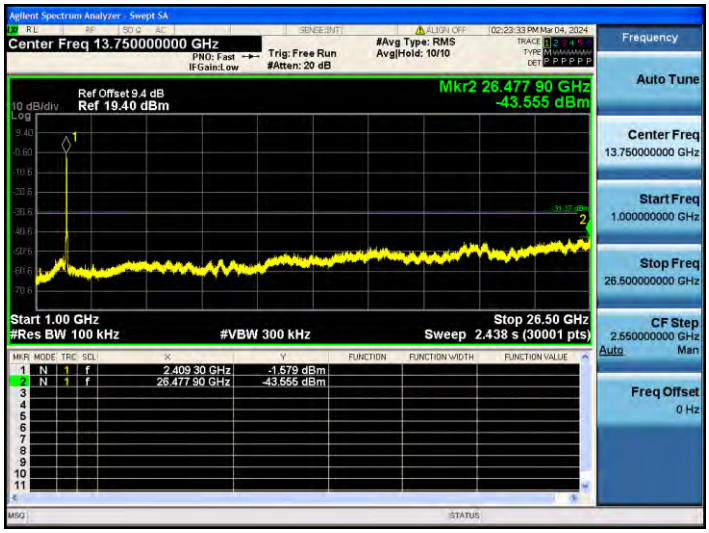
11N40SISO_Ant1_2422_0~Reference



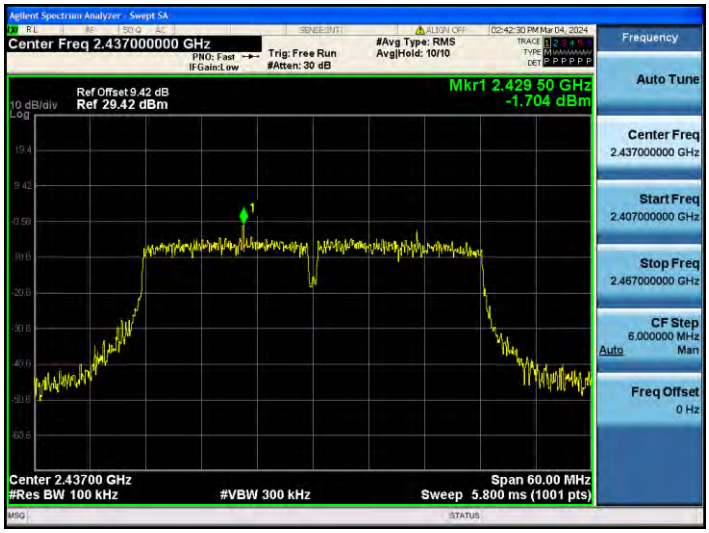
11N40SISO_Ant1_2422_30~1000



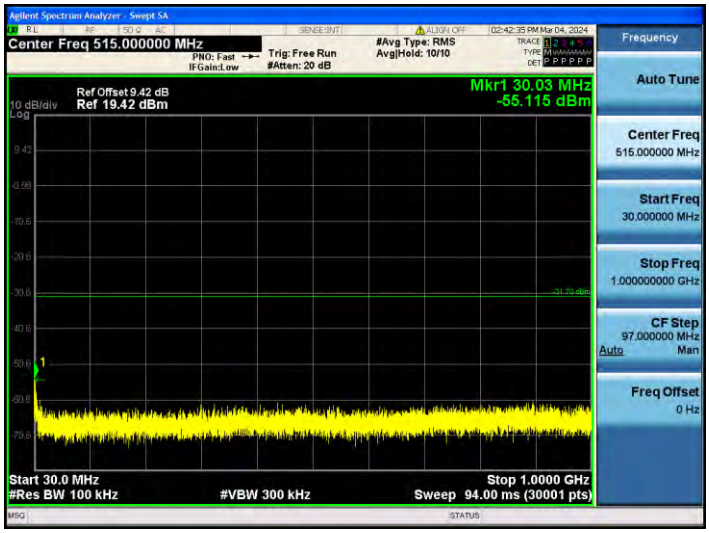
11N40SISO_Ant1_2422_1000~26500



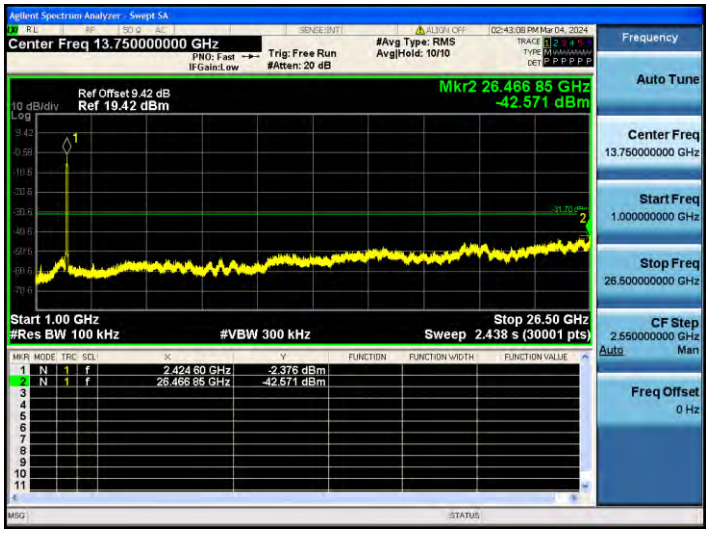
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000

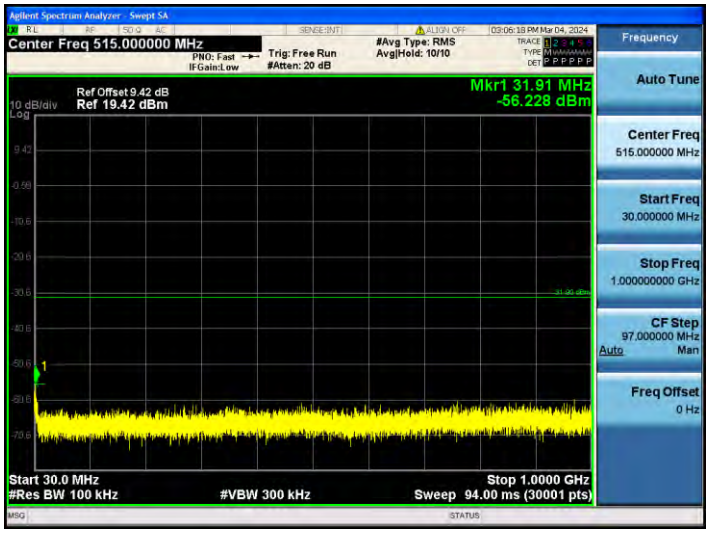


11N40SISO_Ant1_2437_1000~26500

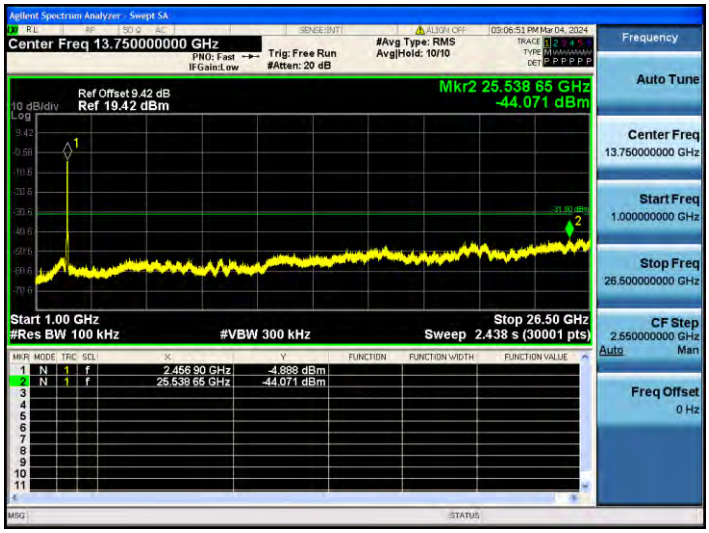


11N40SISO_Ant1_2452_0~Reference

11N40SISO_Ant1_2452_30~1000

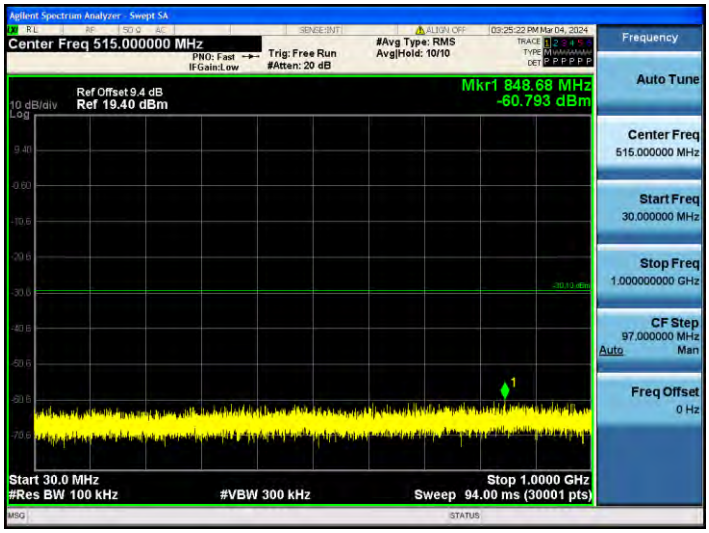


11N40SISO_Ant1_2452_1000~26500

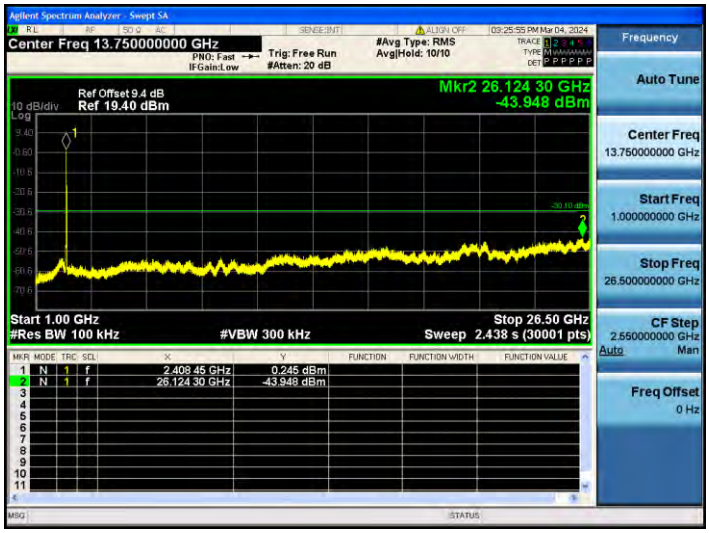


11AX20SISO_Ant1_2412_0~Reference

11AX20SISO_Ant1_2412_30~1000

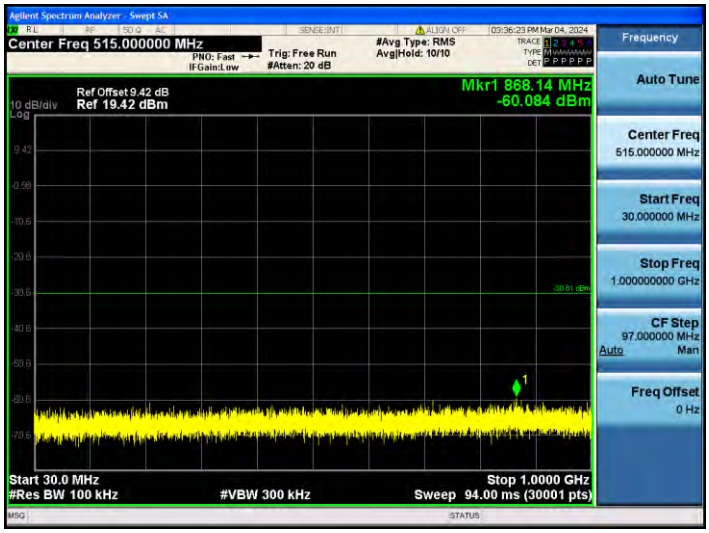


11AX20SISO_Ant1_2412_1000~26500

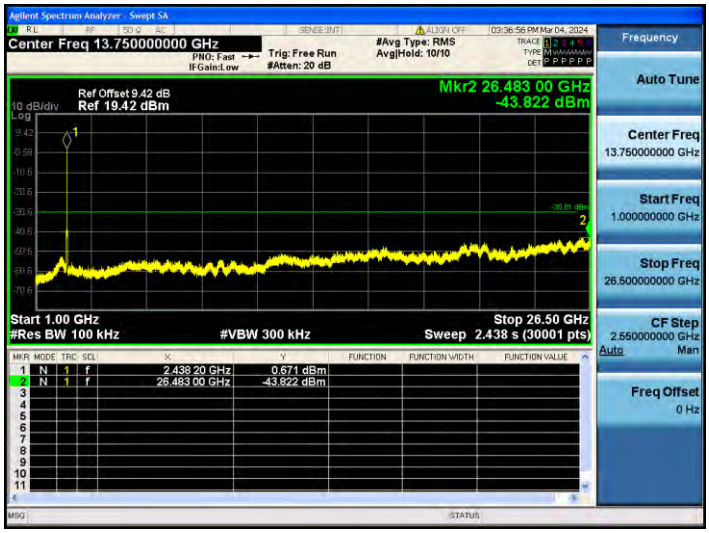


11AX20SISO_Ant1_2437_0~Reference

11AX20SISO_Ant1_2437_30~1000

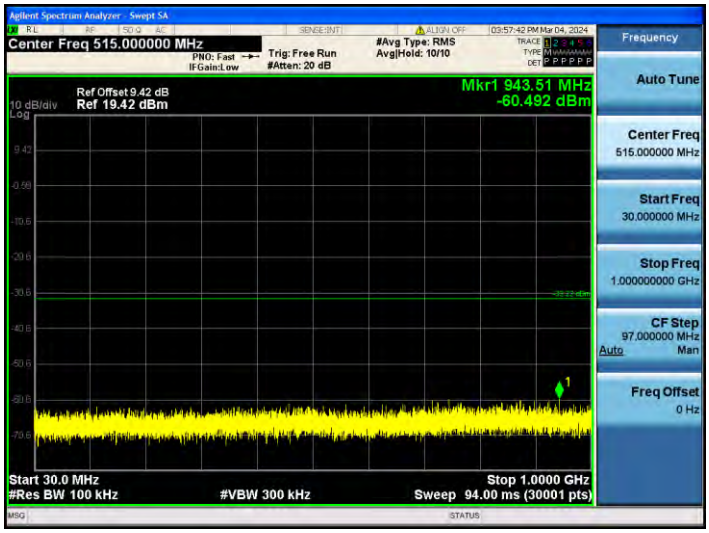


11AX20SISO_Ant1_2437_1000~26500

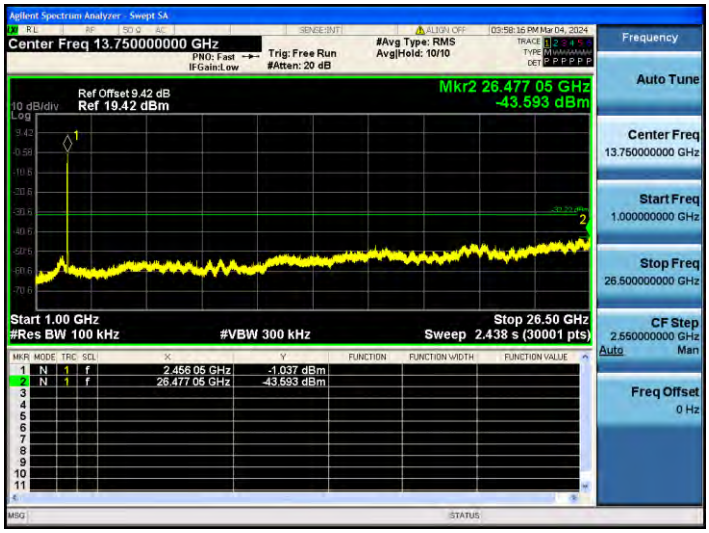


11AX20SISO_Ant1_2462_0~Reference

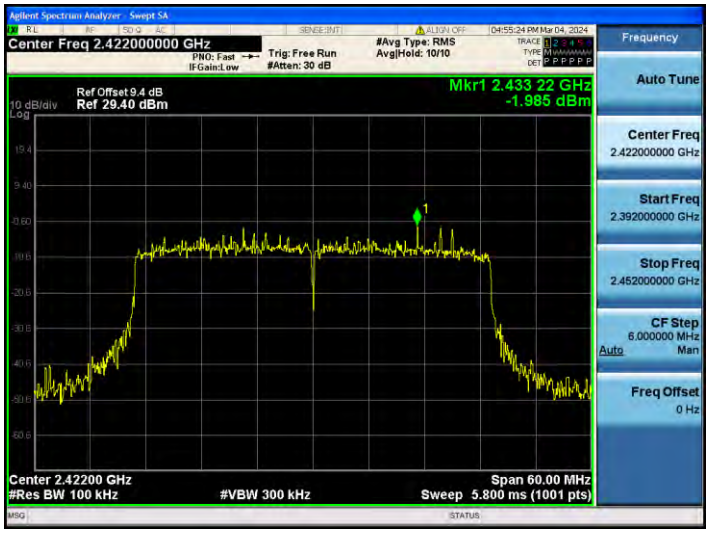
11AX20SISO_Ant1_2462_30~1000



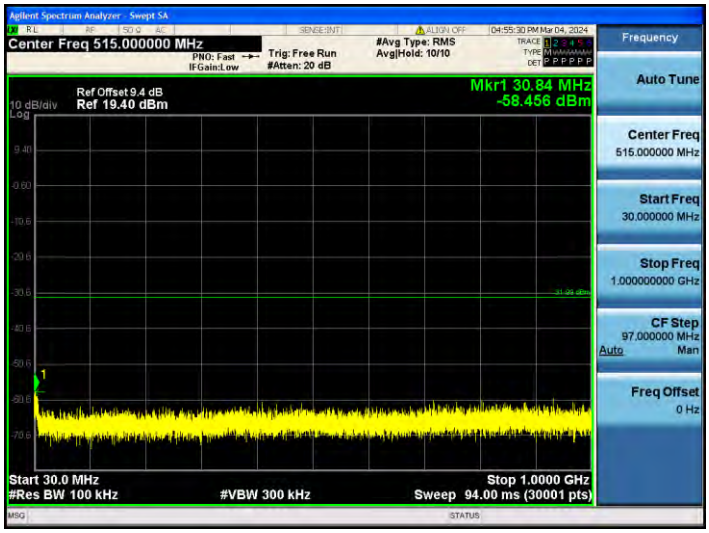
11AX20SISO_Ant1_2462_1000~26500



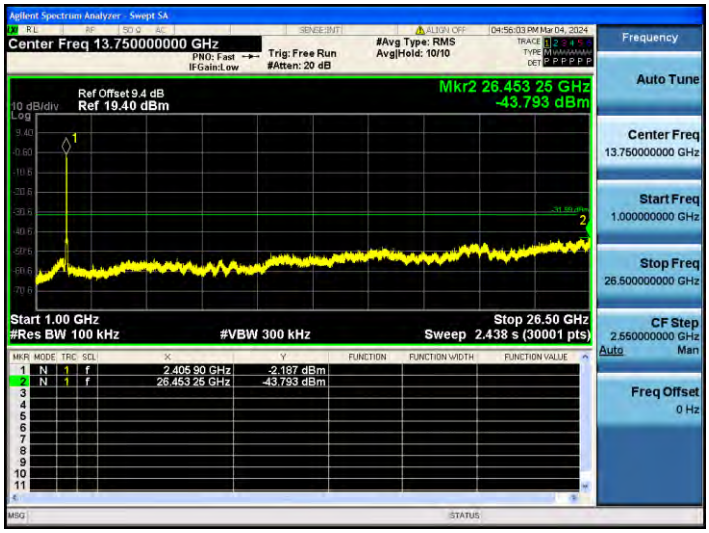
11AX40SISO_Ant1_2422_0~Reference



11AX40SISO_Ant1_2422_30~1000

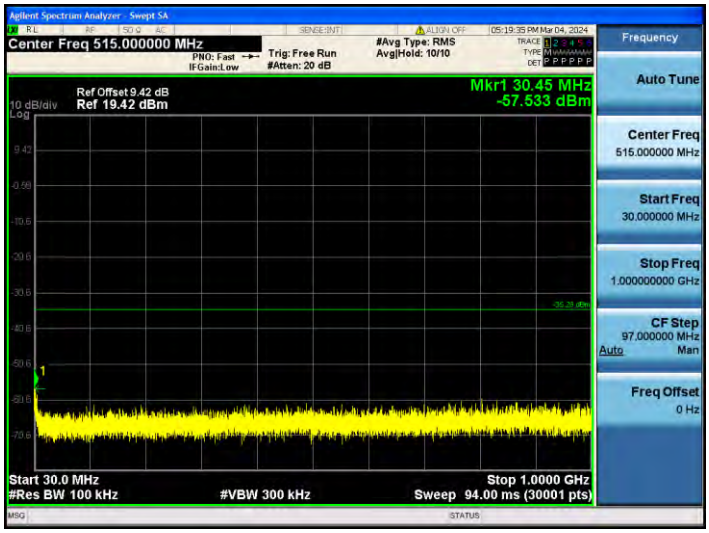


11AX40SISO_Ant1_2422_1000~26500

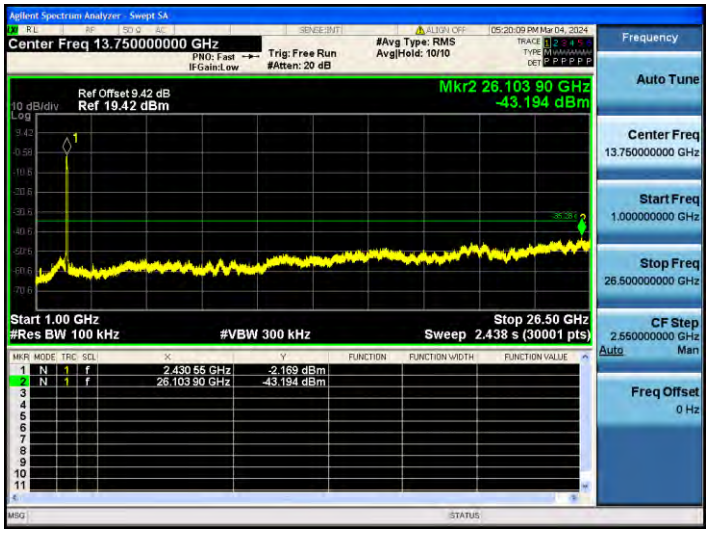


11AX40SISO_Ant1_2437_0~Reference

11AX40SISO_Ant1_2437_30~1000

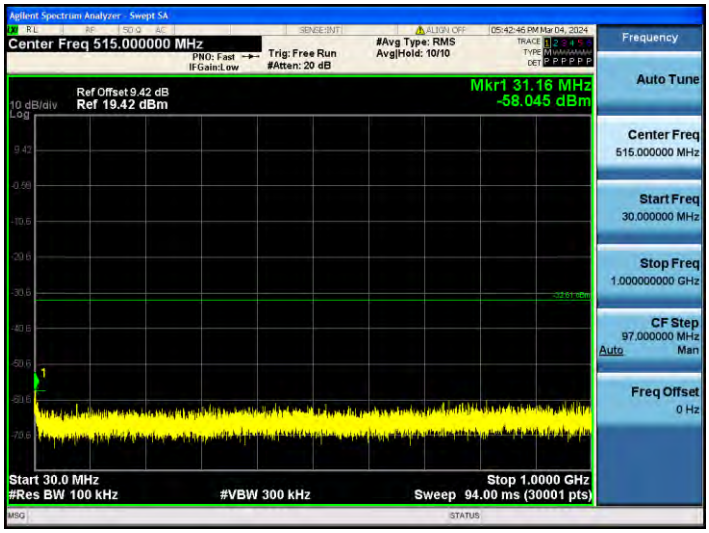


11AX40SISO_Ant1_2437_1000~26500

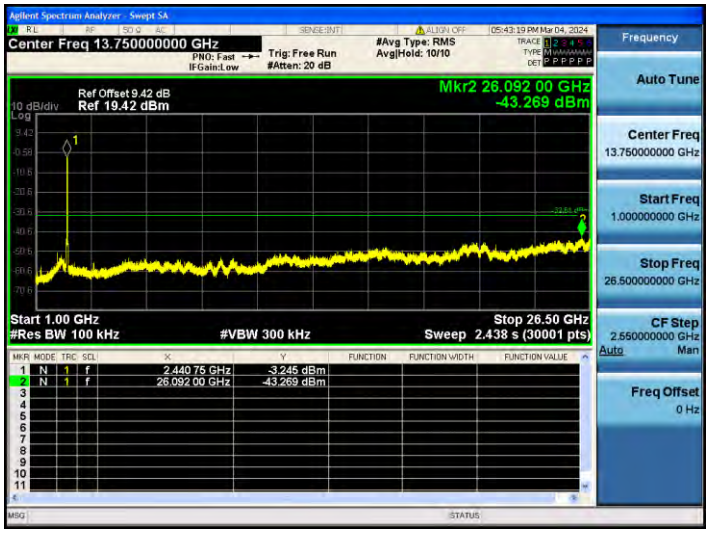


11AX40SISO_Ant1_2452_0~Reference

11AX40SISO_Ant1_2452_30~1000



11AX40SISO_Ant1_2452_1000~26500



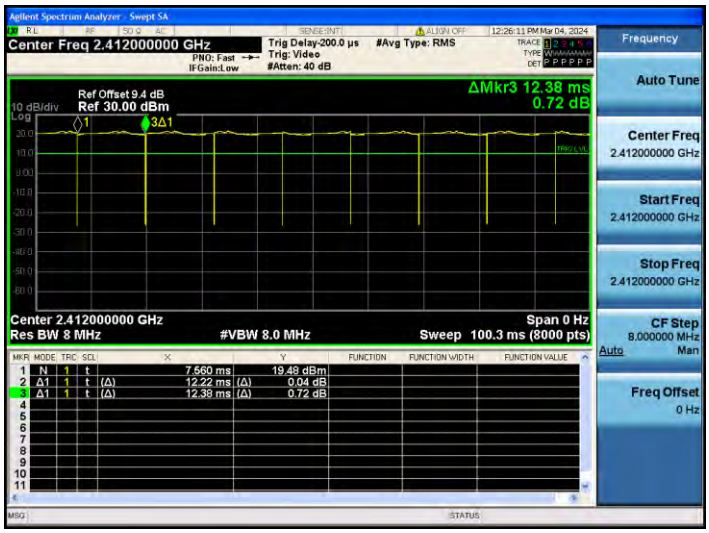
Appendix G: Duty Cycle

Test Result

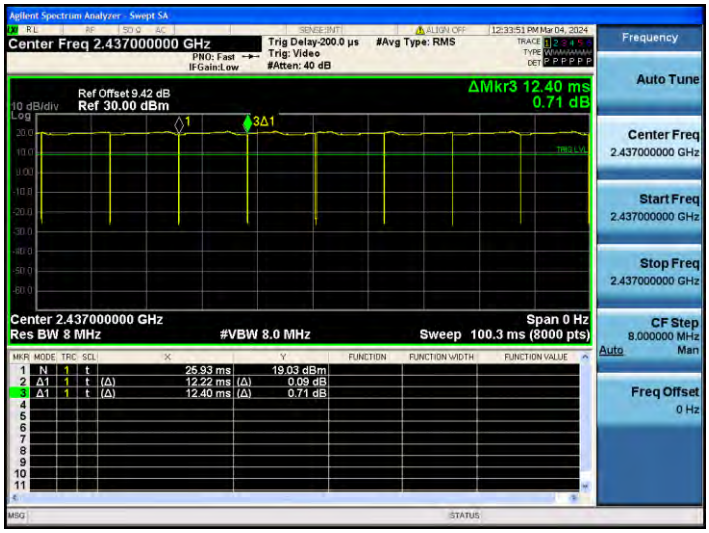
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.22	12.38	98.71	---	---
		2437	12.22	12.40	98.55	---	---
		2462	12.22	12.45	98.15	---	---
11G	Ant1	2412	2.03	2.25	90.22	---	---
		2437	2.03	2.22	91.44	---	---
		2462	2.03	2.21	91.86	---	---
11N20SISO	Ant1	2412	1.89	2.07	91.30	---	---
		2437	1.89	2.07	91.30	---	---
		2462	1.88	2.07	90.82	---	---
11N40SISO	Ant1	2422	0.92	1.10	83.64	---	---
		2437	0.92	1.08	85.19	---	---
		2452	0.92	1.10	83.64	---	---
11AX20SISO	Ant1	2412	1.45	1.69	85.80	---	---
		2437	1.45	1.62	89.51	---	---
		2462	1.45	1.63	88.96	---	---
11AX40SISO	Ant1	2422	0.74	0.92	80.43	---	---
		2437	0.76	0.94	80.85	---	---
		2452	0.74	0.90	82.22	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



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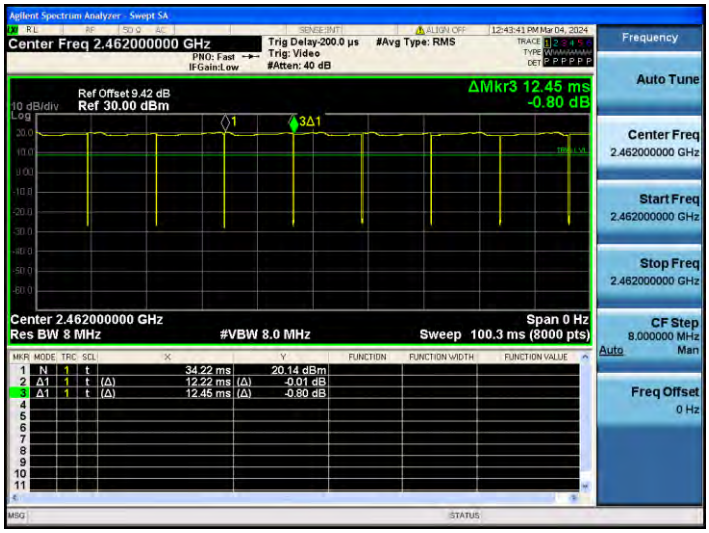

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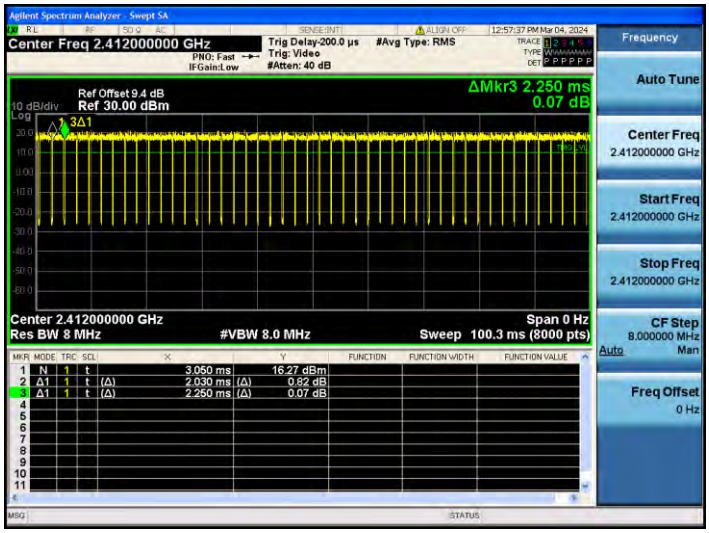

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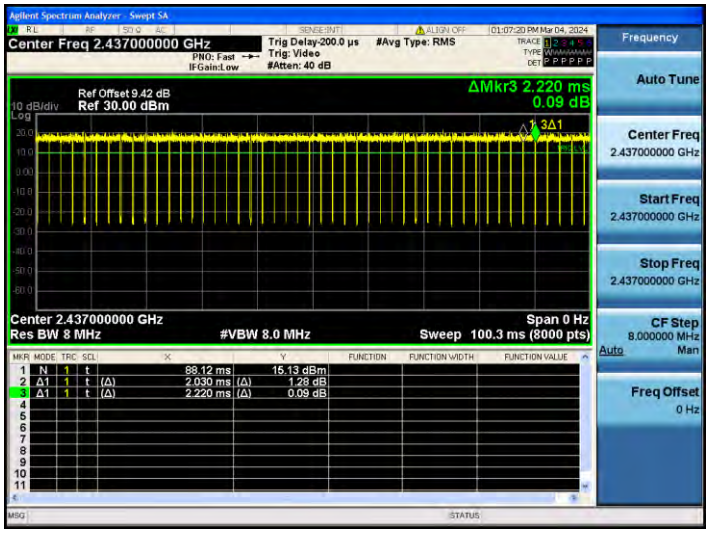

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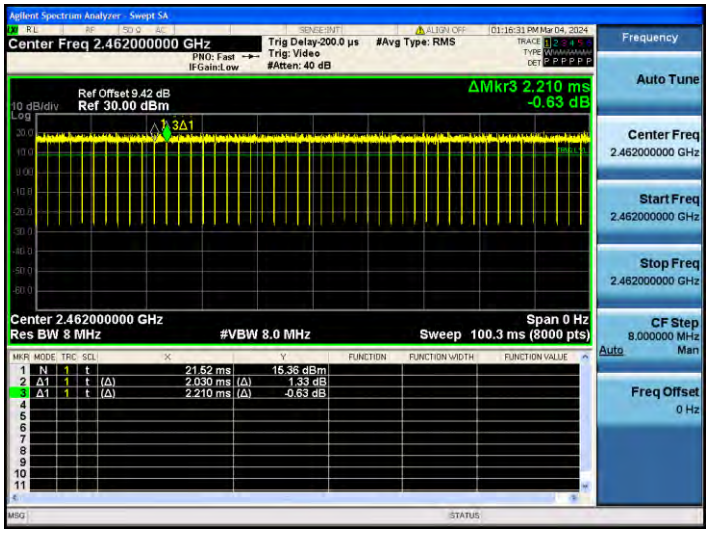

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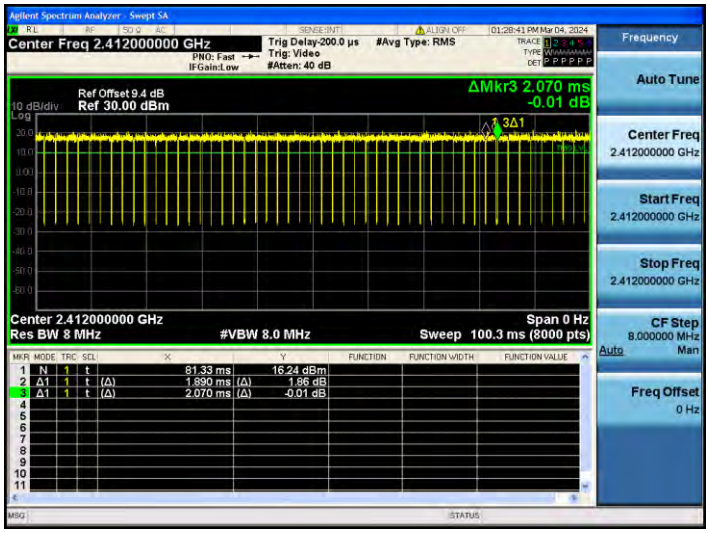

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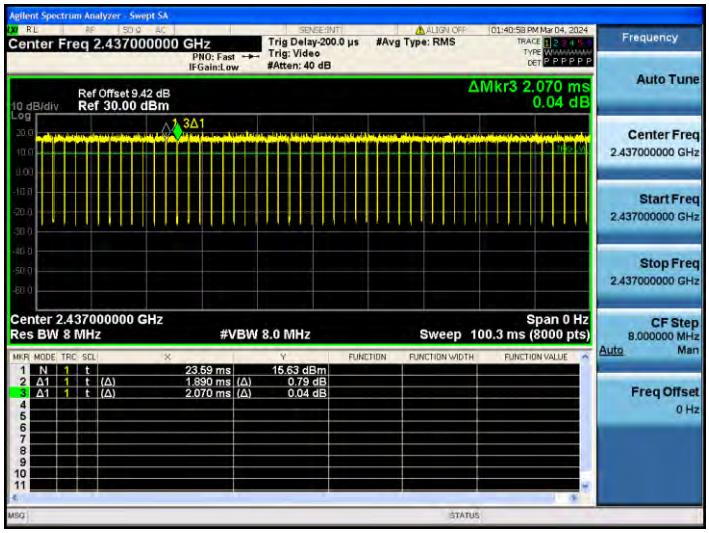

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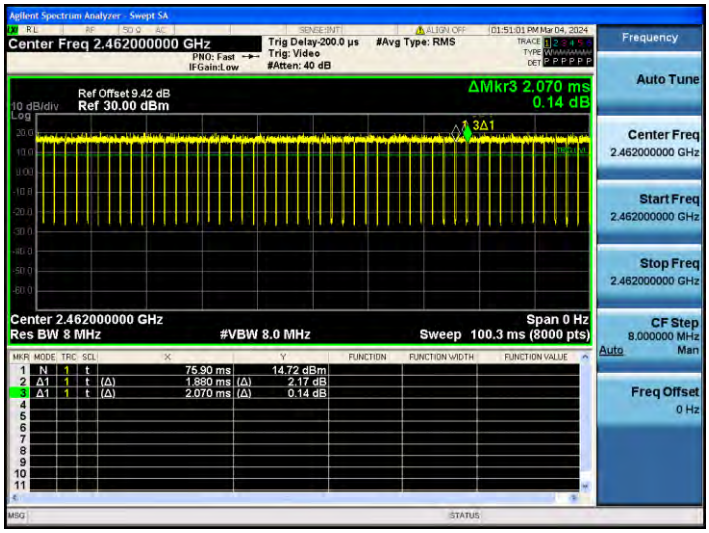

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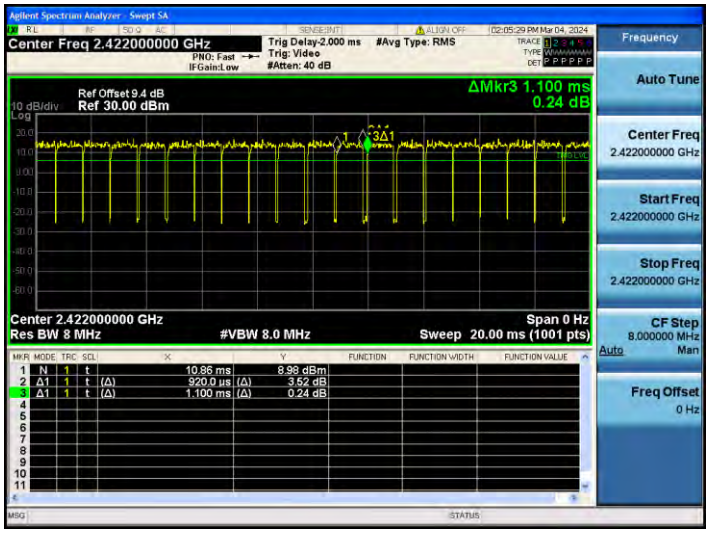

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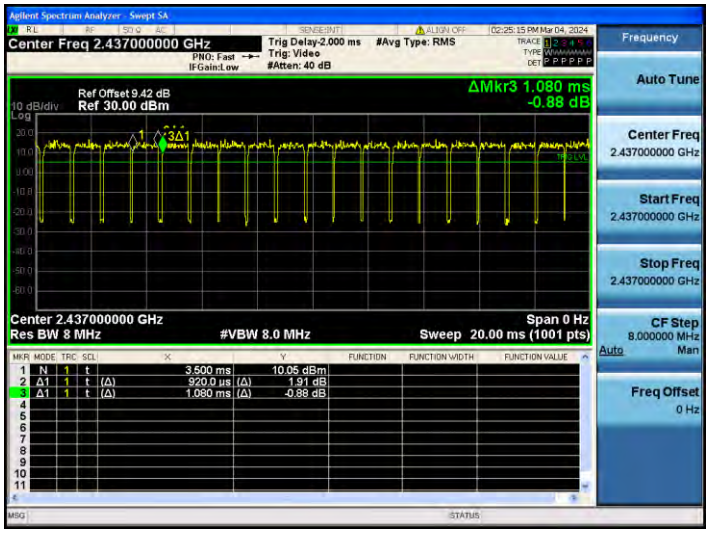

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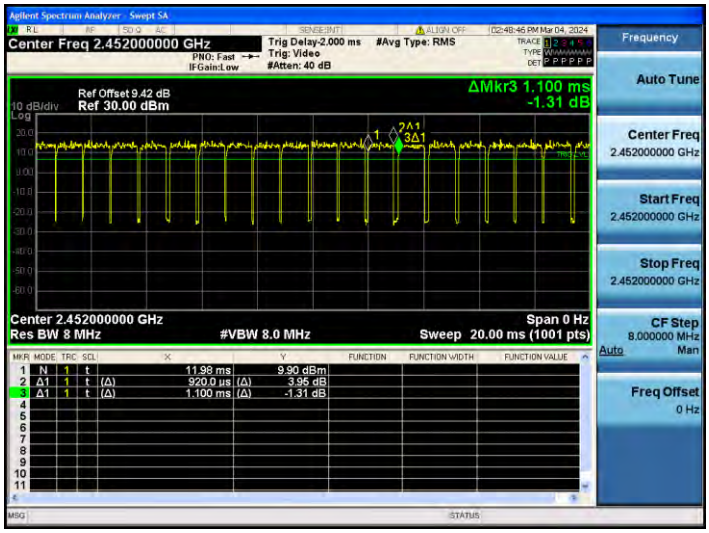

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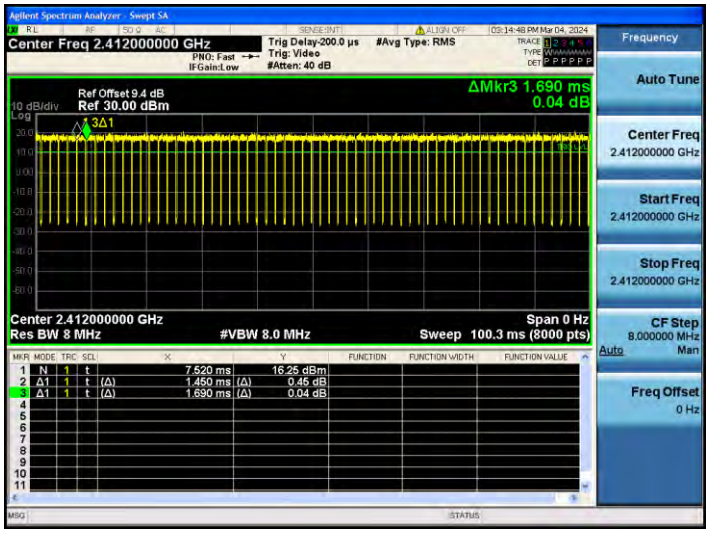

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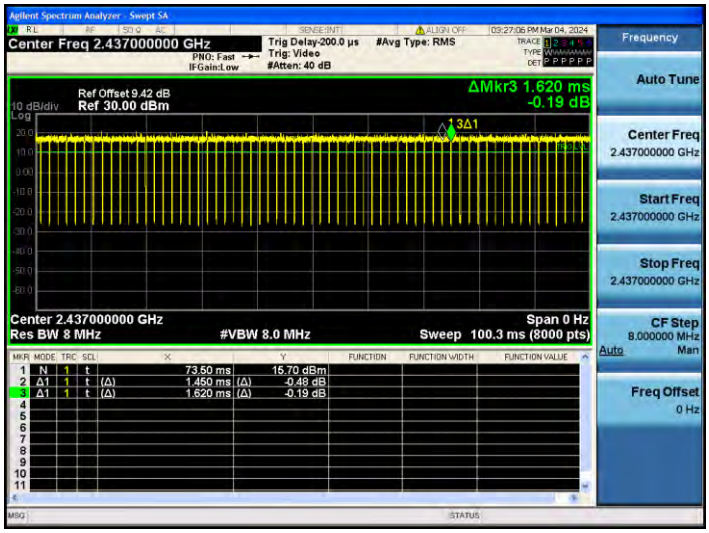

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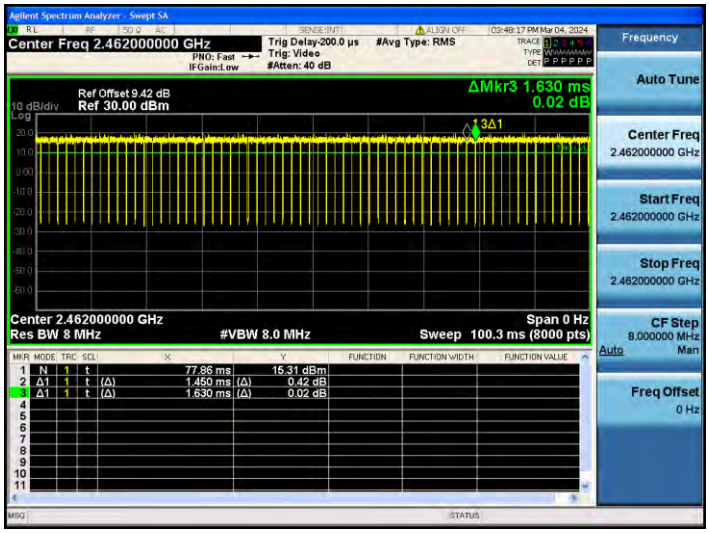

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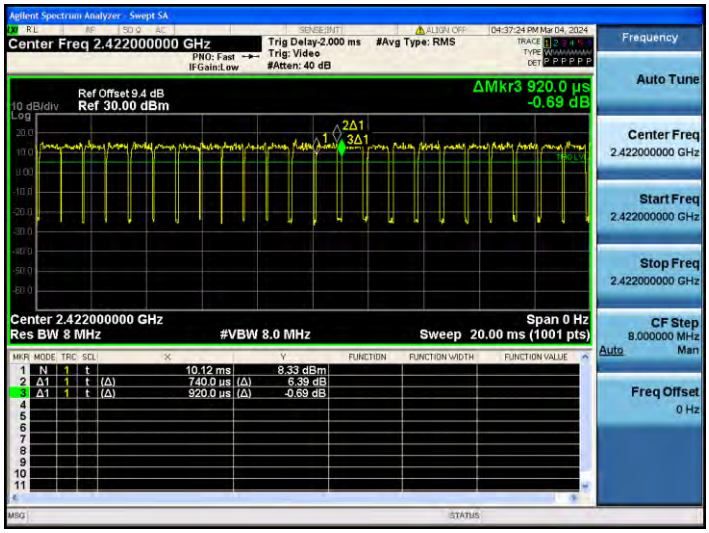

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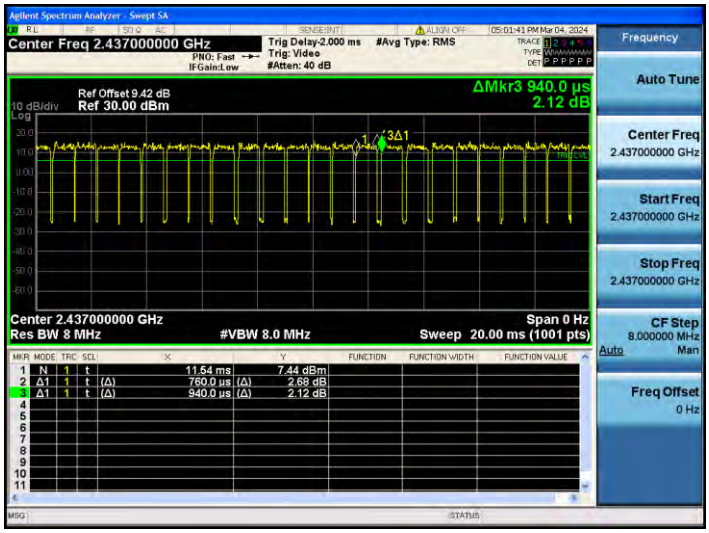
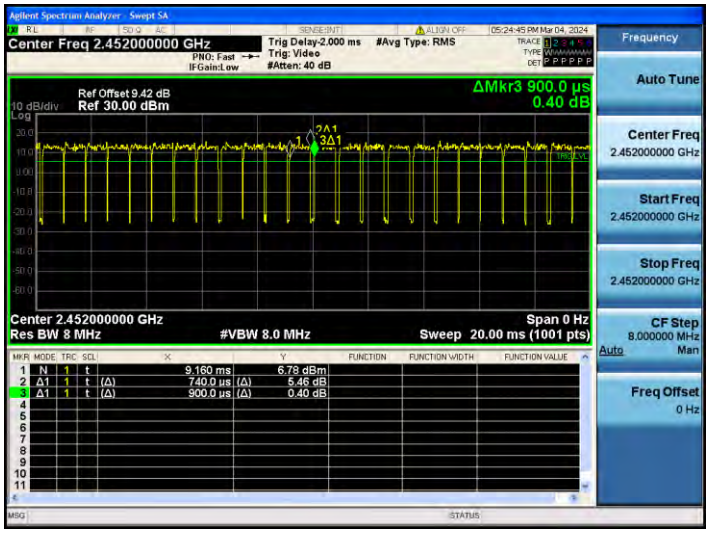
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