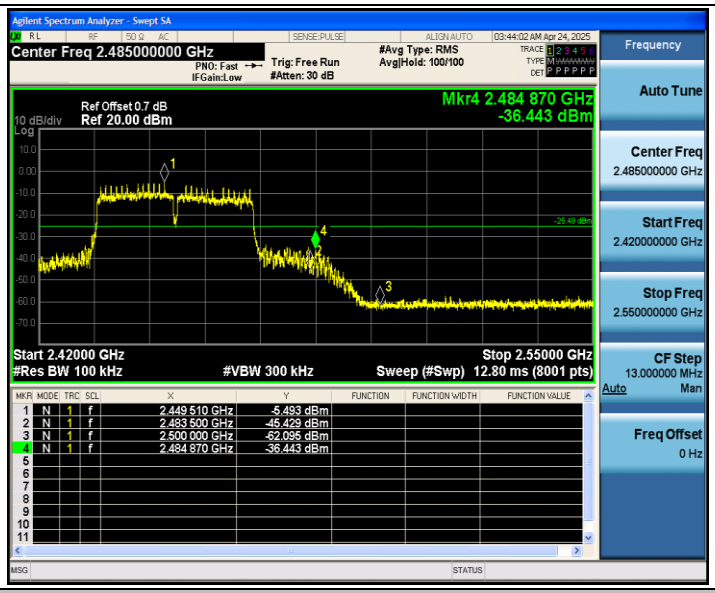
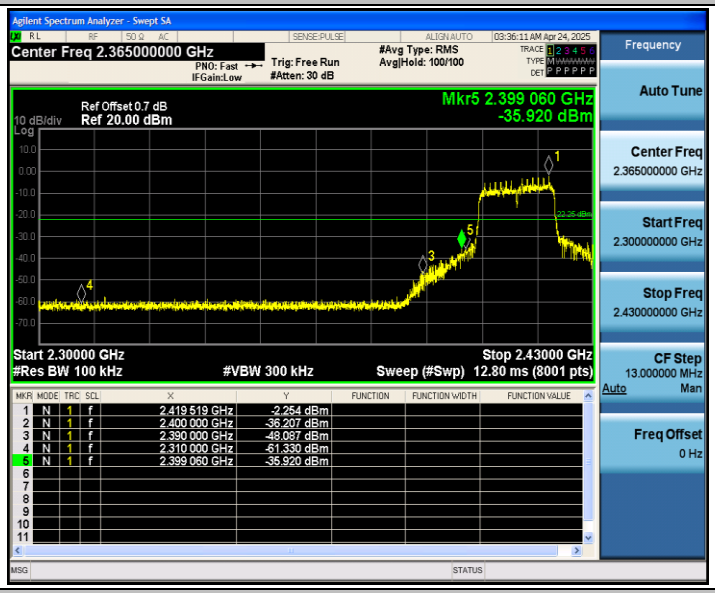
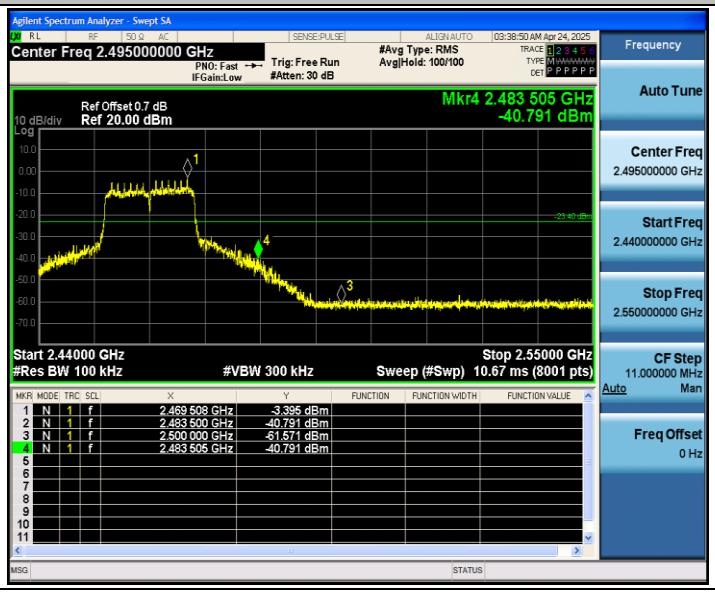
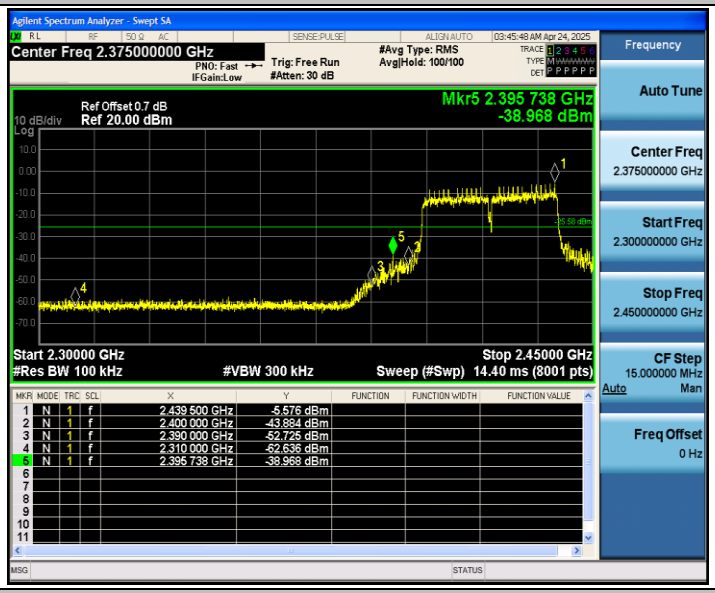


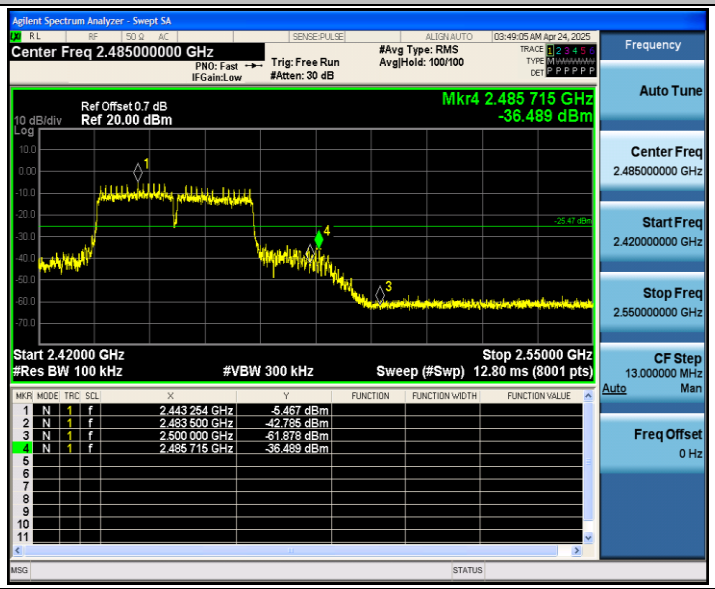
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422


11AX40SISO_Ant1_High_2452


Appendix F: Conducted Spurious Emission

Test Result

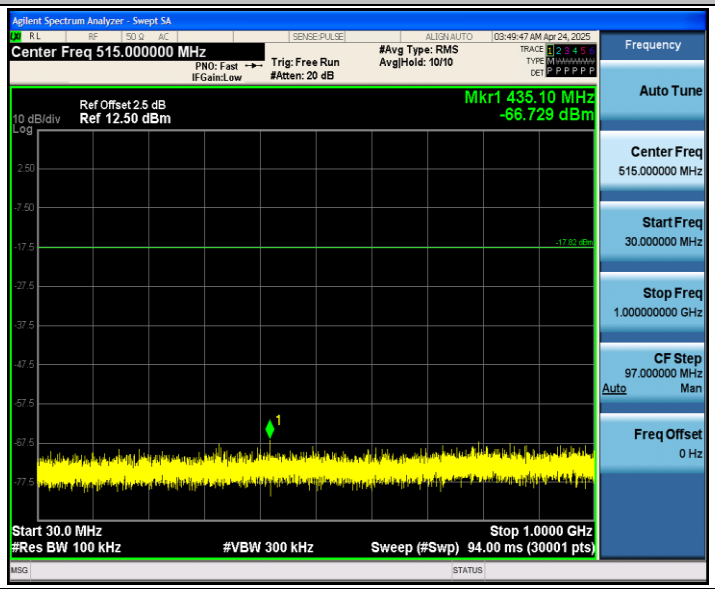
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.18	2.18	---	PASS
			30~1000	2.18	-66.73	≤-17.82	PASS
			1000~26500	2.18	-38.24	≤-17.82	PASS
		2437	Reference	4.00	4.00	---	PASS
			30~1000	4.00	-67.85	≤-16	PASS
			1000~26500	4.00	-37.32	≤-16	PASS
		2462	Reference	2.74	2.74	---	PASS
			30~1000	2.74	-67.36	≤-17.26	PASS
			1000~26500	2.74	-30.85	≤-17.26	PASS
11G	Ant1	2412	Reference	-2.12	-2.12	---	PASS
			30~1000	-2.12	-67.67	≤-22.12	PASS
			1000~26500	-2.12	-47.2	≤-22.12	PASS
		2437	Reference	-1.44	-1.44	---	PASS
			30~1000	-1.44	-67.59	≤-21.44	PASS
			1000~26500	-1.44	-50.36	≤-21.44	PASS
		2462	Reference	-2.27	-2.27	---	PASS
			30~1000	-2.27	-67.29	≤-22.27	PASS
			1000~26500	-2.27	-43.92	≤-22.27	PASS
11N20SISO	Ant1	2412	Reference	-1.05	-1.05	---	PASS
			30~1000	-1.05	-68.09	≤-21.05	PASS
			1000~26500	-1.05	-51.51	≤-21.05	PASS
		2437	Reference	-1.40	-1.40	---	PASS
			30~1000	-1.40	-67.24	≤-21.4	PASS
			1000~26500	-1.40	-48.62	≤-21.4	PASS
		2462	Reference	-2.25	-2.25	---	PASS
			30~1000	-2.25	-67.63	≤-22.25	PASS
			1000~26500	-2.25	-46.54	≤-22.25	PASS
11N40SISO	Ant1	2422	Reference	-4.04	-4.04	---	PASS
			30~1000	-4.04	-66.71	≤-24.04	PASS
			1000~26500	-4.04	-47.93	≤-24.04	PASS
		2437	Reference	-4.38	-4.38	---	PASS
			30~1000	-4.38	-67.77	≤-24.38	PASS
			1000~26500	-4.38	-51.1	≤-24.38	PASS
		2452	Reference	-3.89	-3.89	---	PASS
			30~1000	-3.89	-68.35	≤-23.89	PASS
			1000~26500	-3.89	-50.3	≤-23.89	PASS
11AX20SISO	Ant1	2412	Reference	-1.07	-1.07	---	PASS

			30~1000	-1.07	-67.38	≤-21.07	PASS
			1000~26500	-1.07	-50.22	≤-21.07	PASS
		2437	Reference	-1.39	-1.39	---	PASS
			30~1000	-1.39	-67.99	≤-21.39	PASS
			1000~26500	-1.39	-46.75	≤-21.39	PASS
		2462	Reference	-3.59	-3.59	---	PASS
			30~1000	-3.59	-68.59	≤-23.59	PASS
			1000~26500	-3.59	-47.26	≤-23.59	PASS
11AX40SISO	Ant1	2422	Reference	-3.86	-3.86	---	PASS
			30~1000	-3.86	-67.5	≤-23.86	PASS
			1000~26500	-3.86	-52.6	≤-23.86	PASS
		2437	Reference	-4.84	-4.84	---	PASS
			30~1000	-4.84	-67.96	≤-24.84	PASS
			1000~26500	-4.84	-52.21	≤-24.84	PASS
		2452	Reference	-3.51	-3.51	---	PASS
			30~1000	-3.51	-67.81	≤-23.51	PASS
			1000~26500	-3.51	-50.11	≤-23.51	PASS

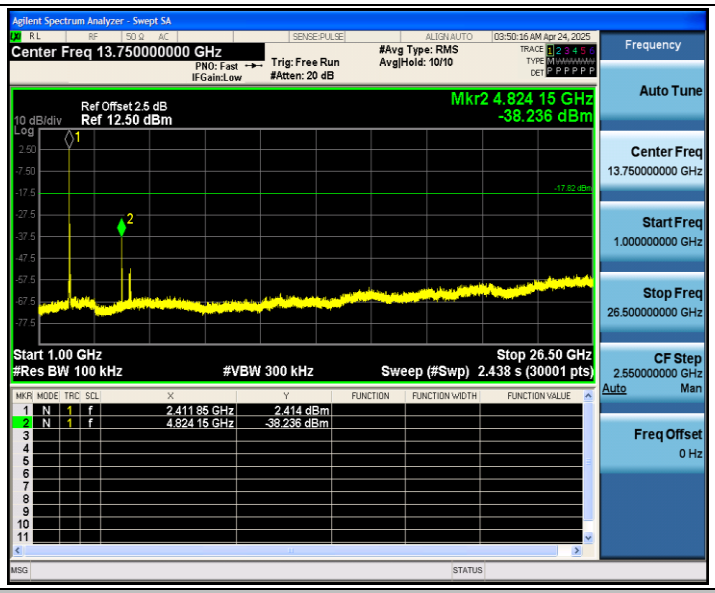
Test Graphs

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

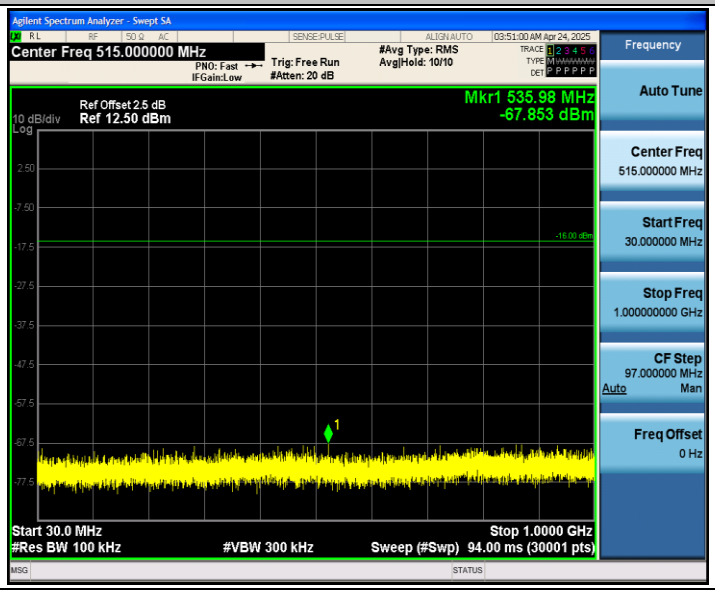


11B_Ant1_2412_1000~26500

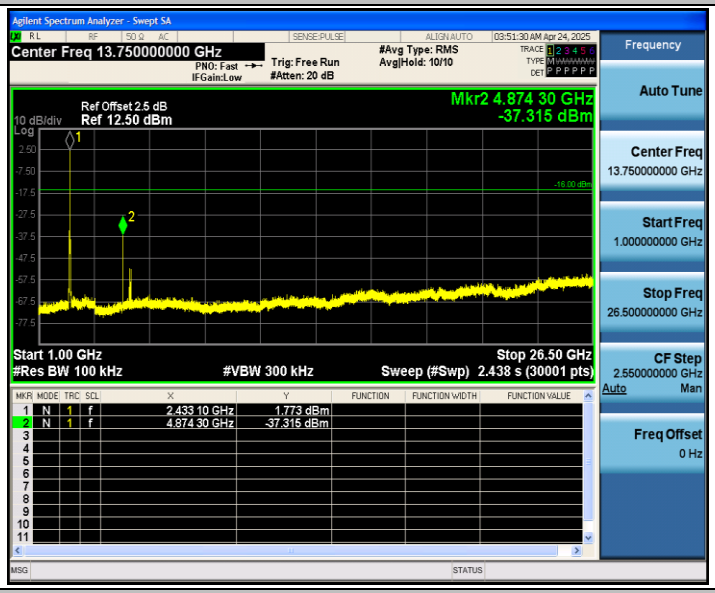


11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000

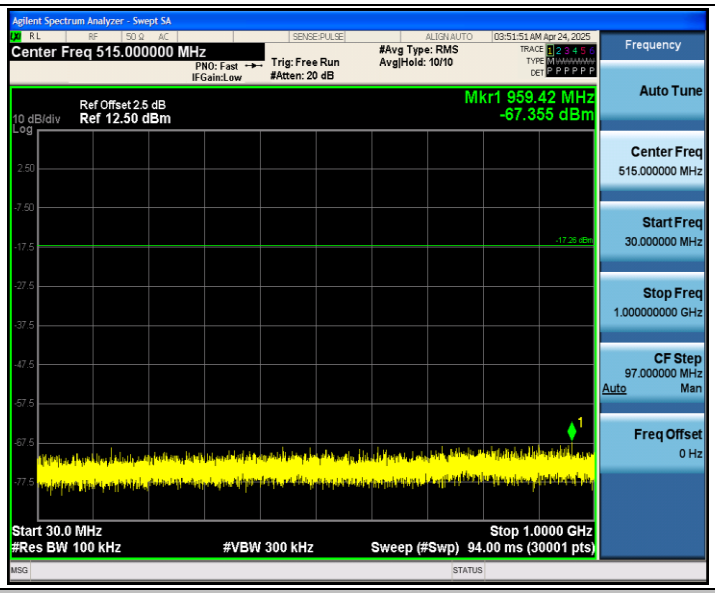


11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000



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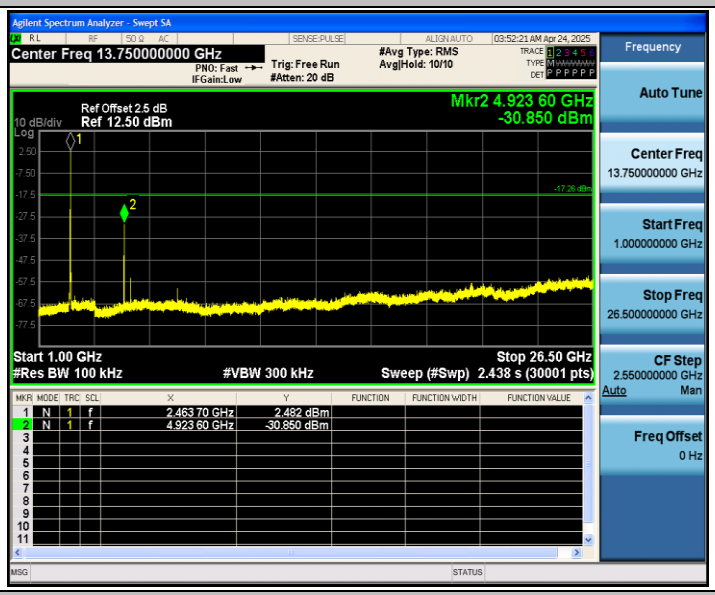
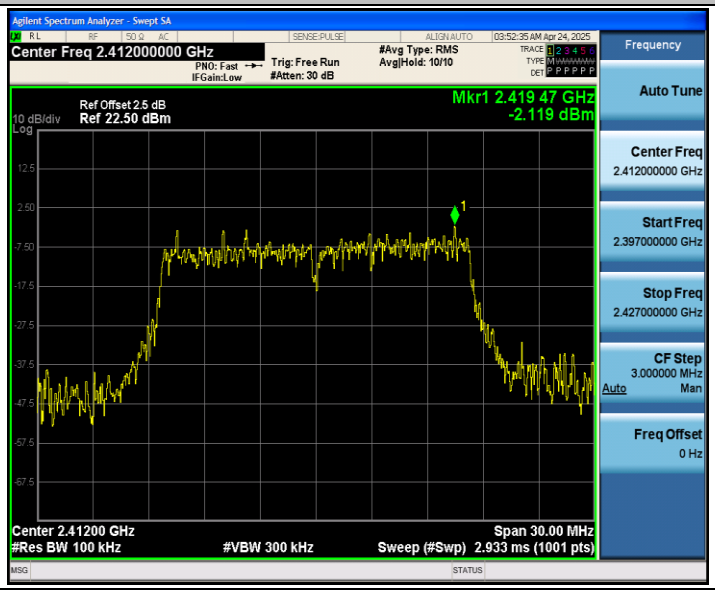
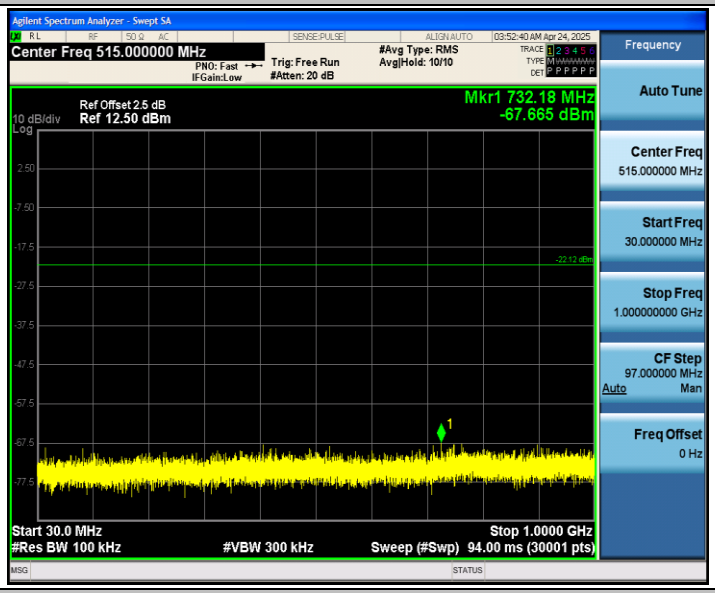


11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



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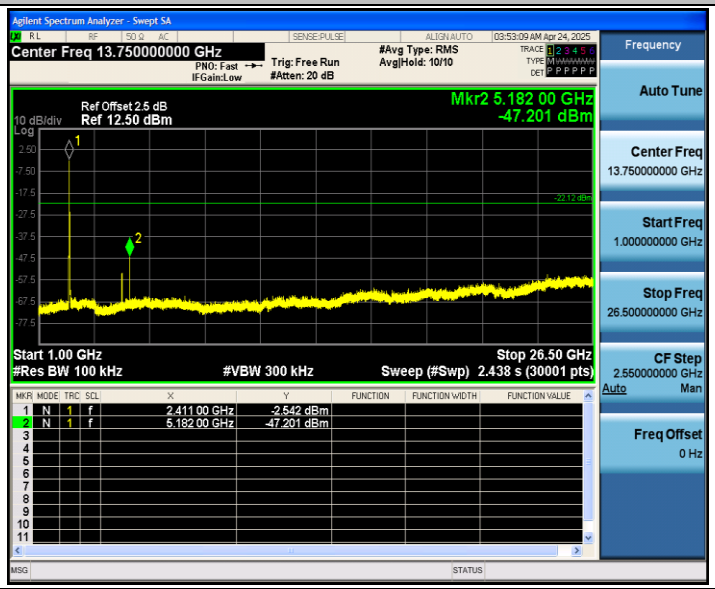

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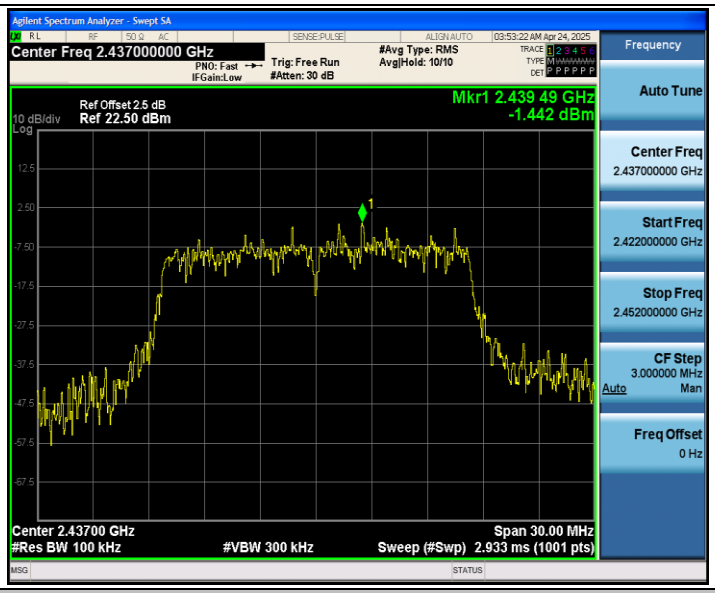
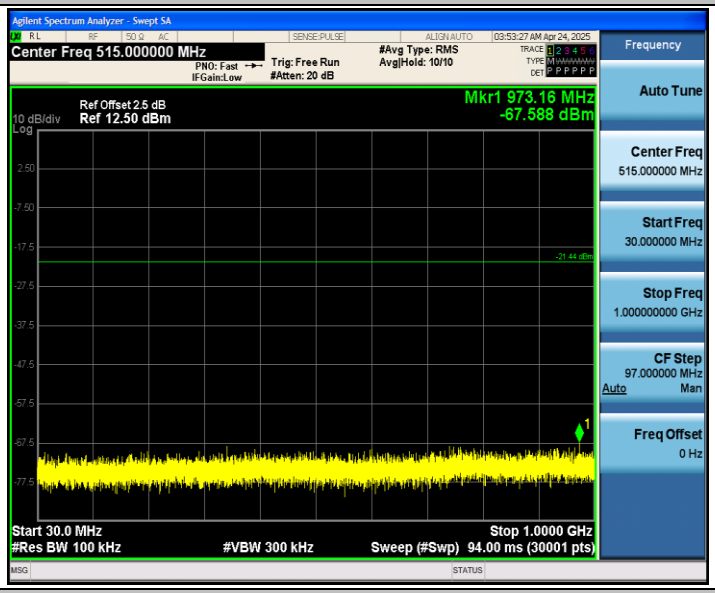
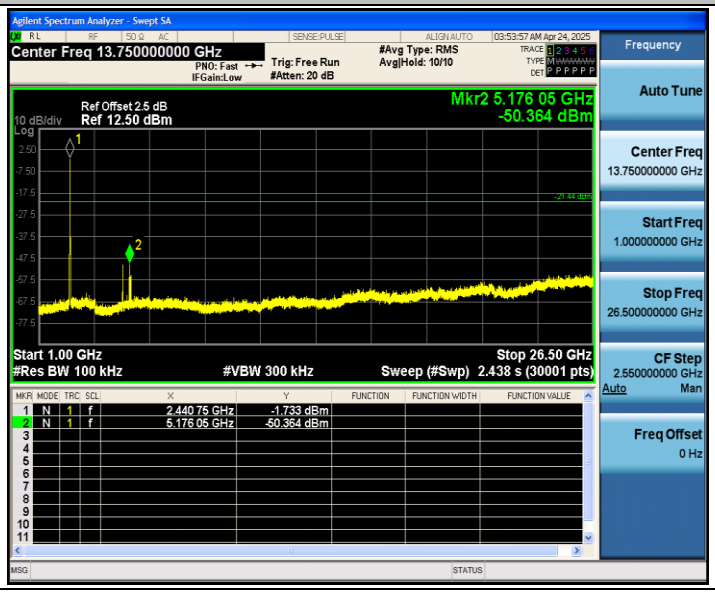


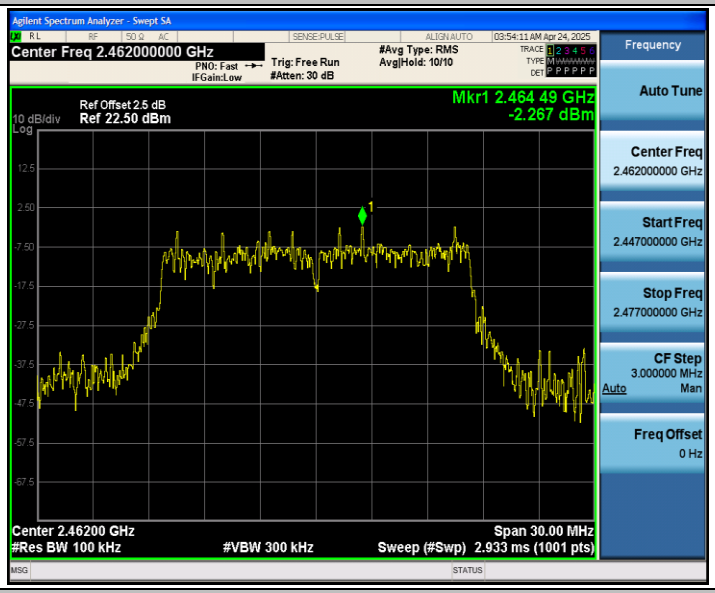
11G_Ant1_2437_30~1000



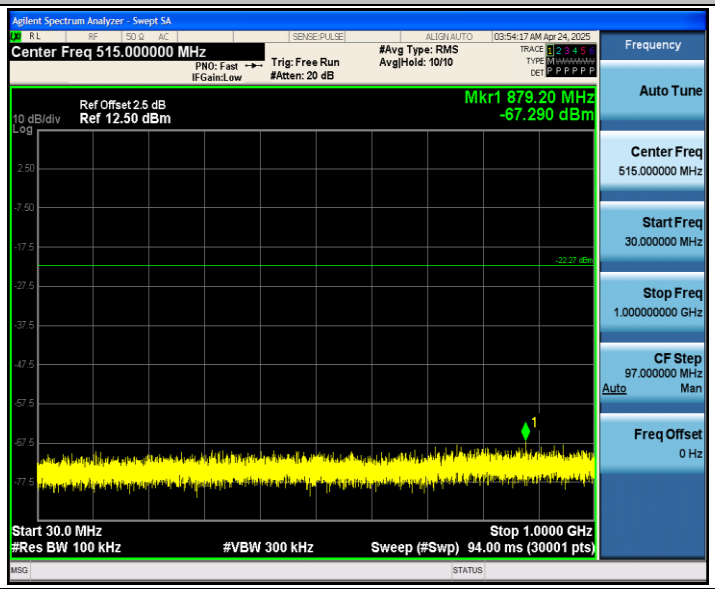
11G_Ant1_2437_1000~26500



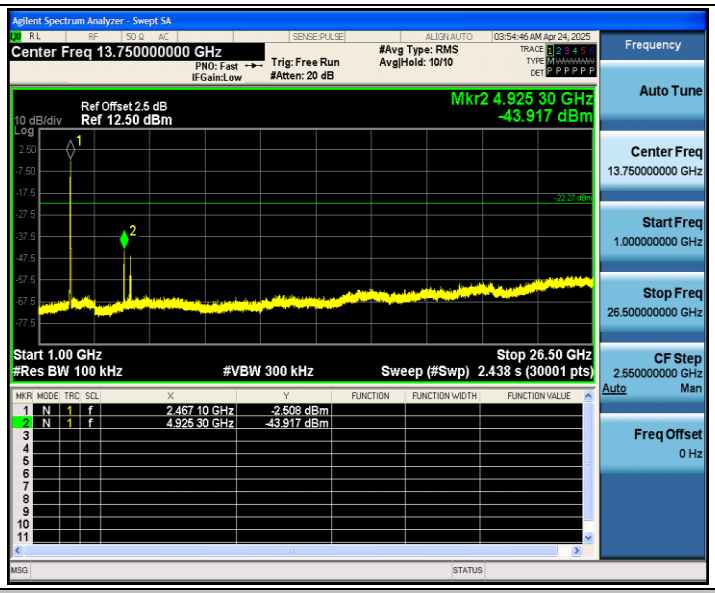
11G_Ant1_2462_0~Reference



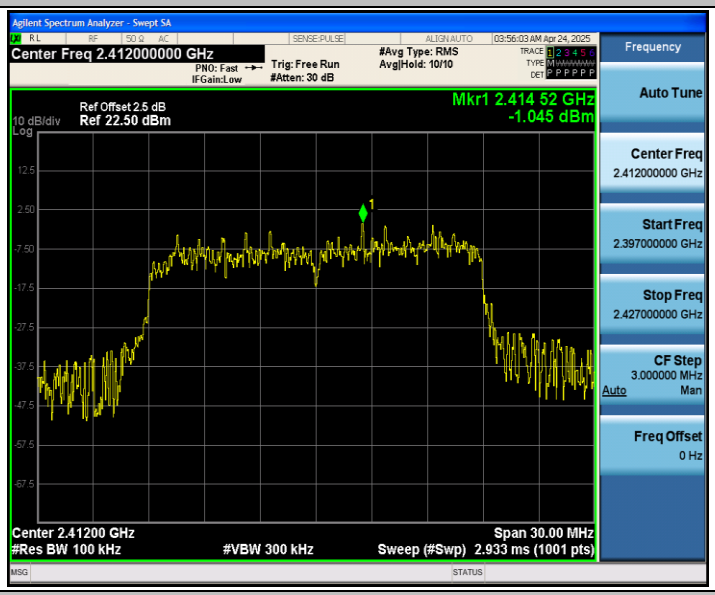
11G_Ant1_2462_30~1000



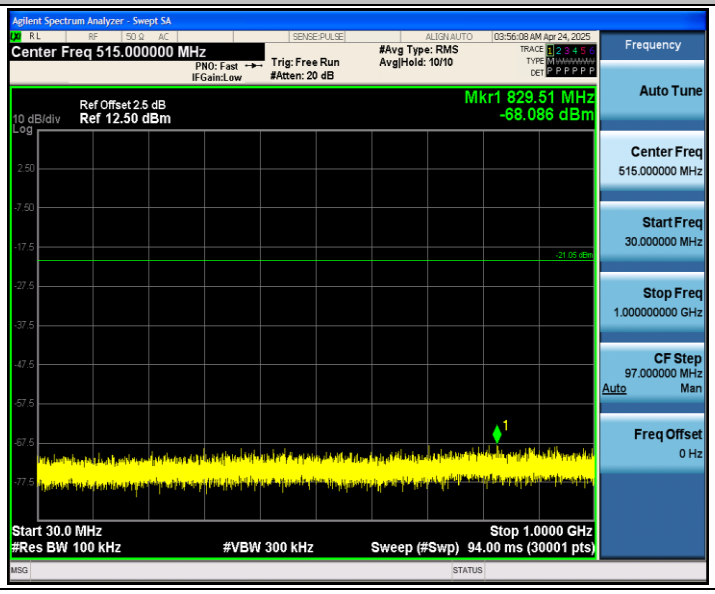
11G_Ant1_2462_1000~26500



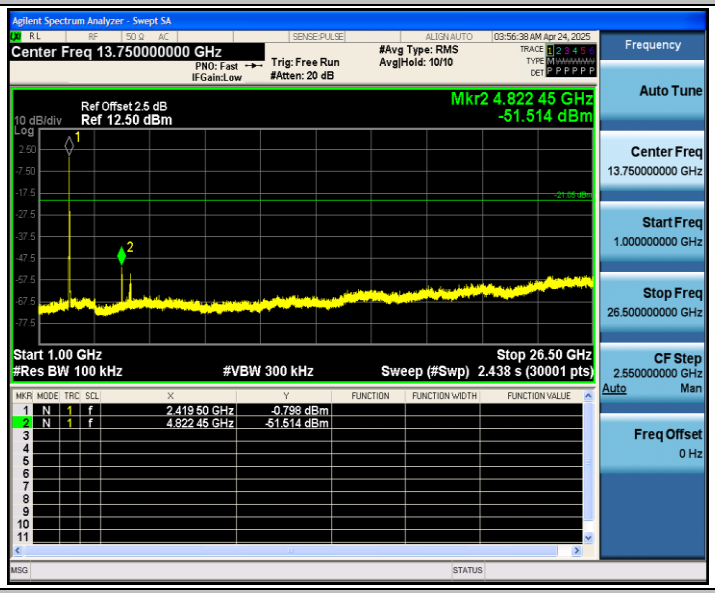
11N20SISO_Ant1_2412_0~Reference



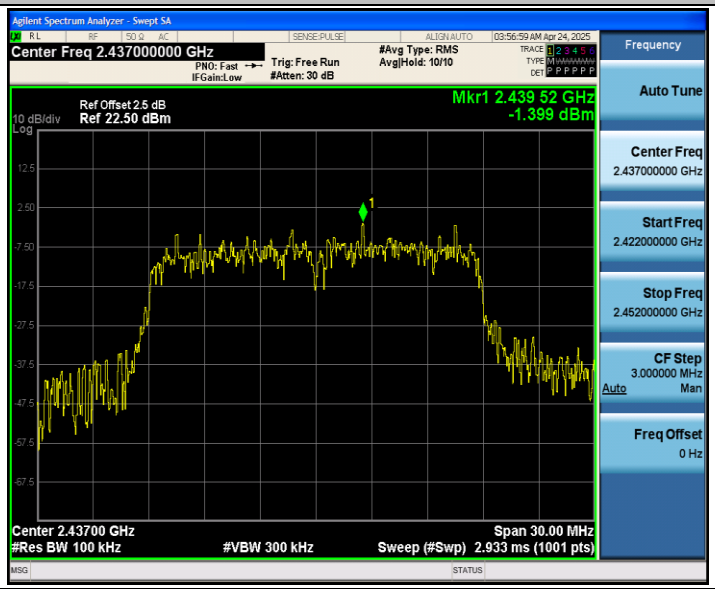
11N20SISO_Ant1_2412_30~1000



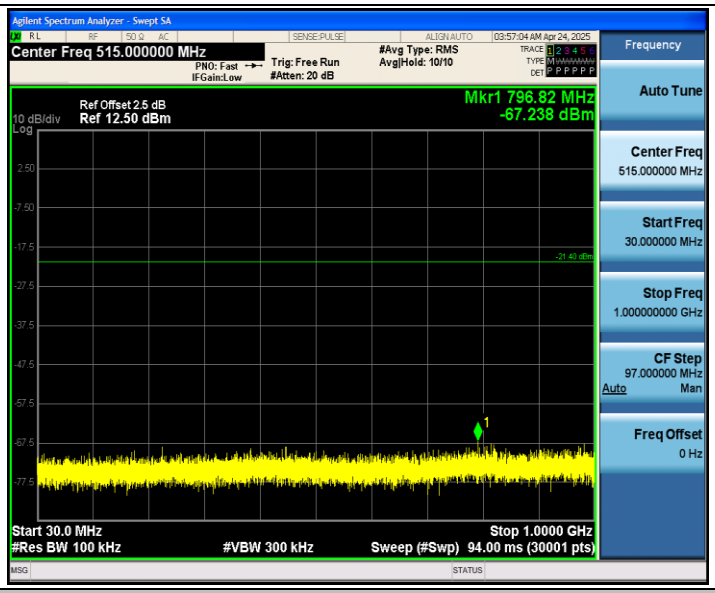
11N20SISO_Ant1_2412_1000~26500



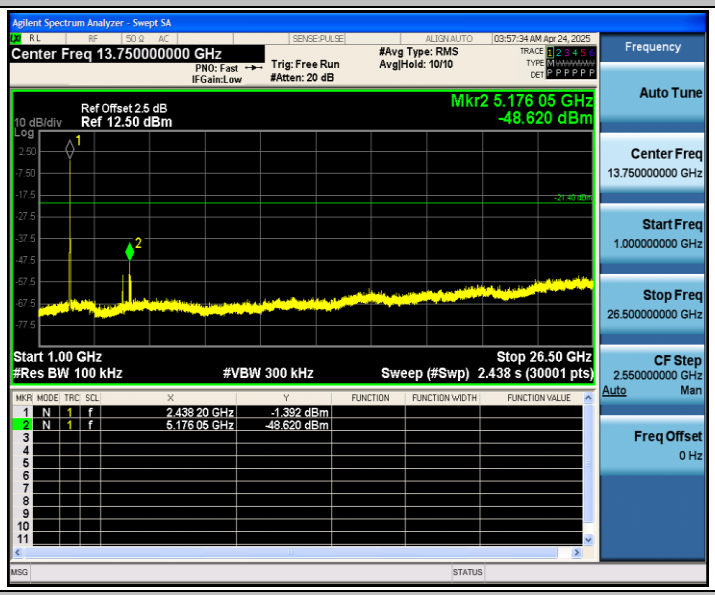
11N20SISO_Ant1_2437_0~Reference



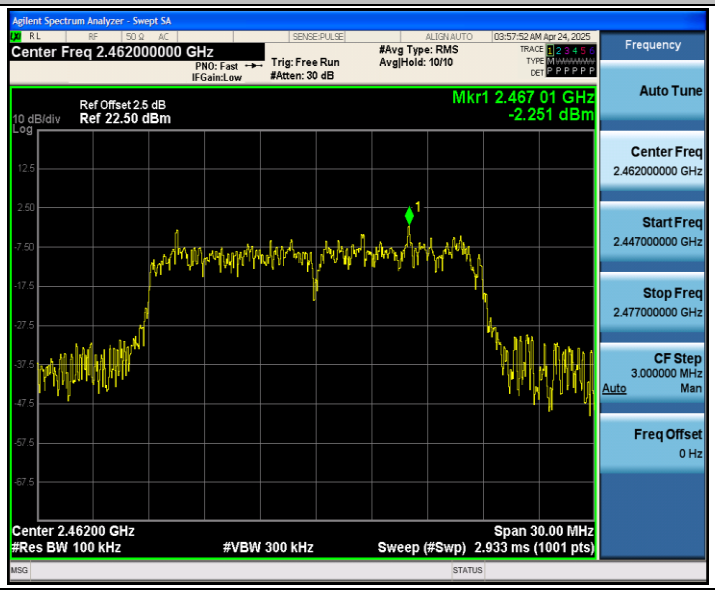
11N20SISO_Ant1_2437_30~1000



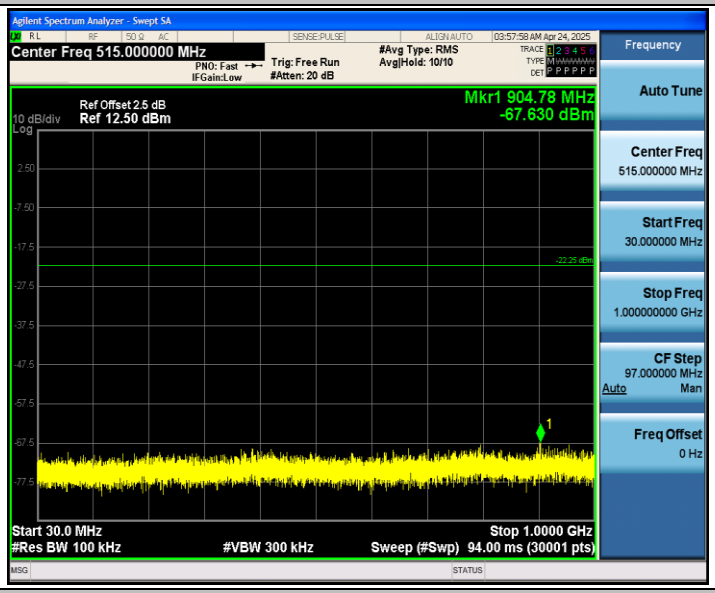
11N20SISO_Ant1_2437_1000~26500



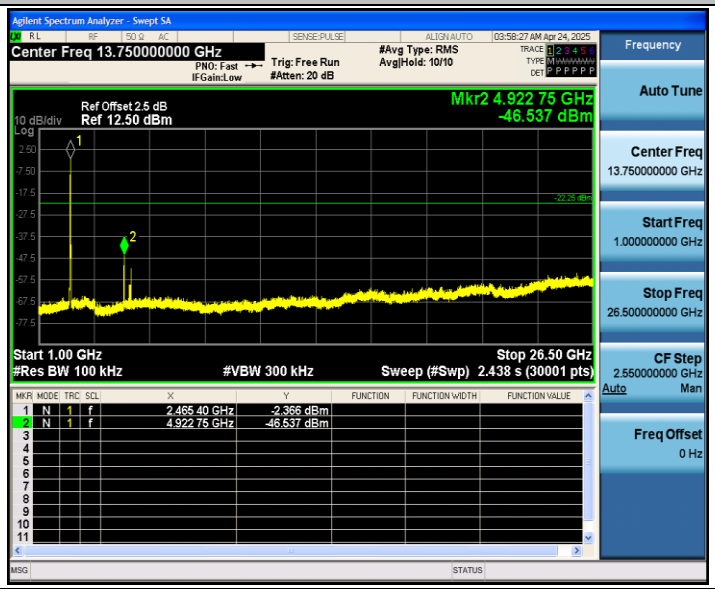
11N20SISO_Ant1_2462_0~Reference



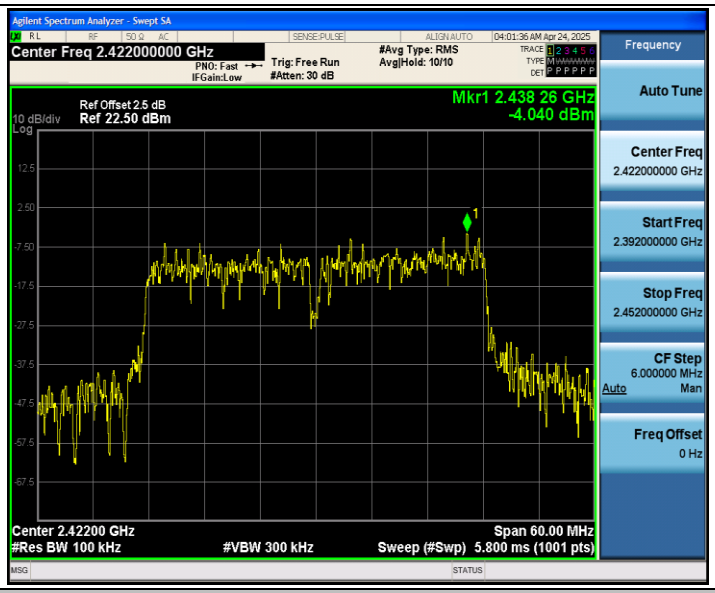
11N20SISO_Ant1_2462_30~1000



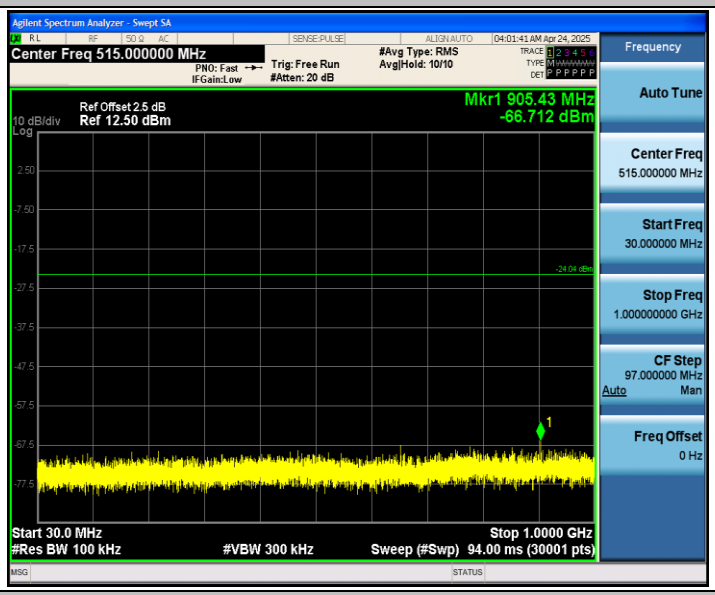
11N20SISO_Ant1_2462_1000~26500



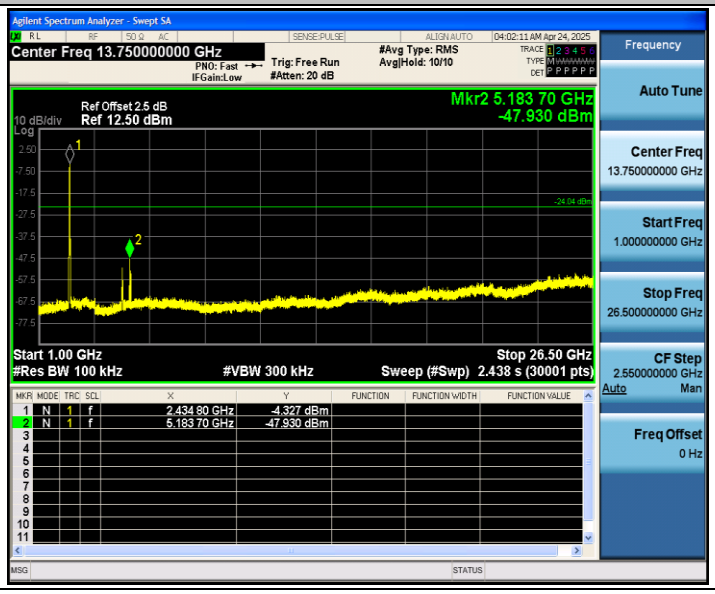
11N40SISO_Ant1_2422_0~Reference



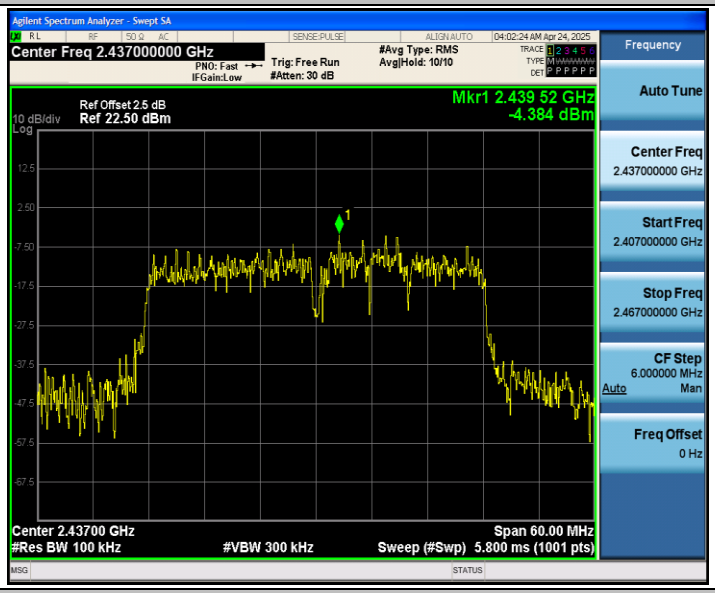
11N40SISO_Ant1_2422_30~1000



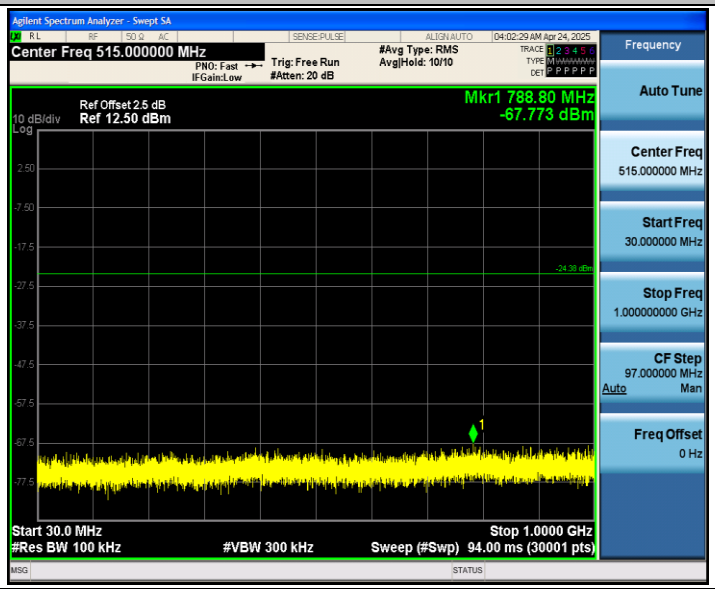
11N40SISO_Ant1_2422_1000~26500



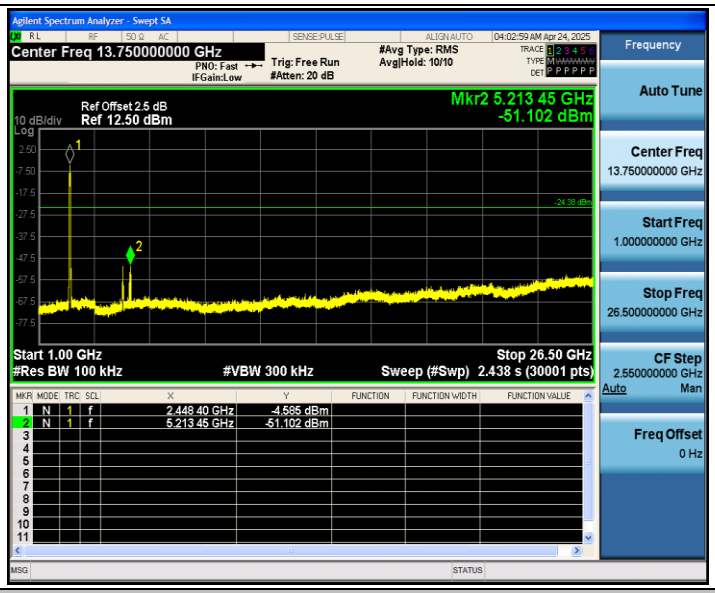
11N40SISO_Ant1_2437_0~Reference



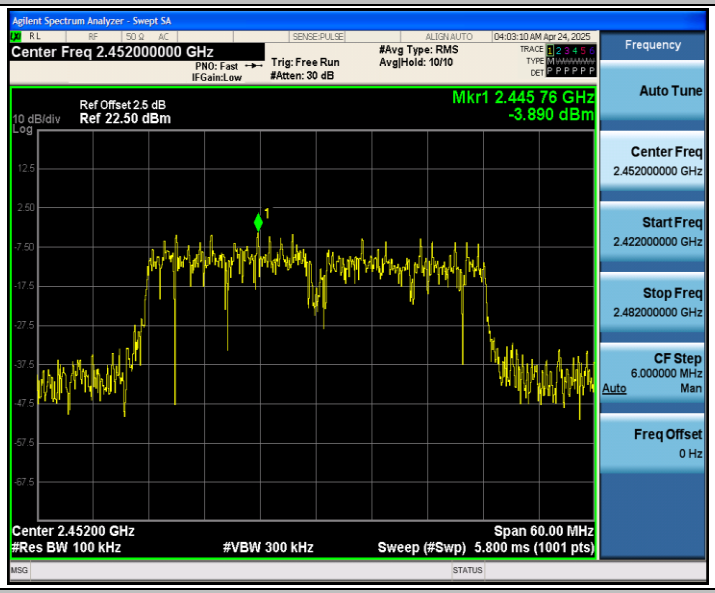
11N40SISO_Ant1_2437_30~1000



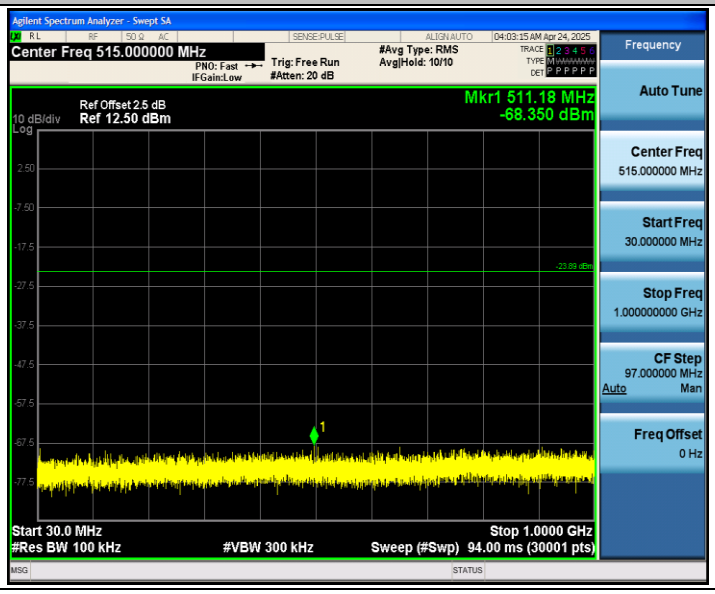
11N40SISO_Ant1_2437_1000~26500



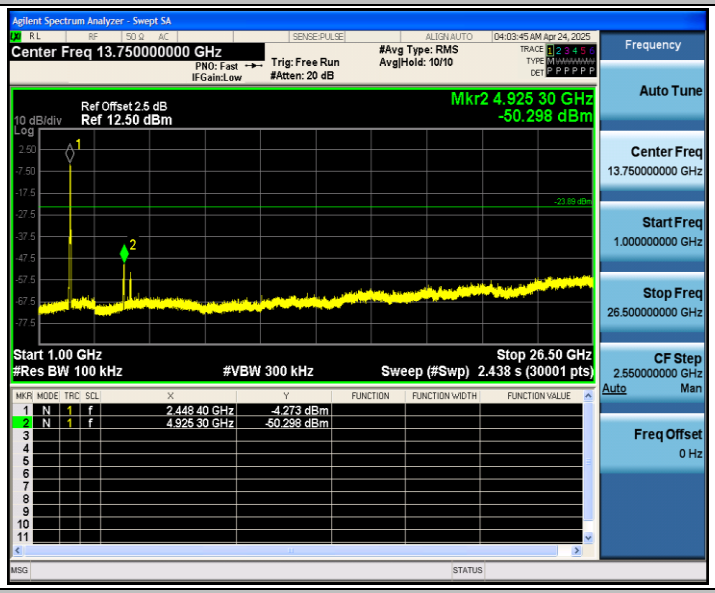
11N40SISO_Ant1_2452_0~Reference



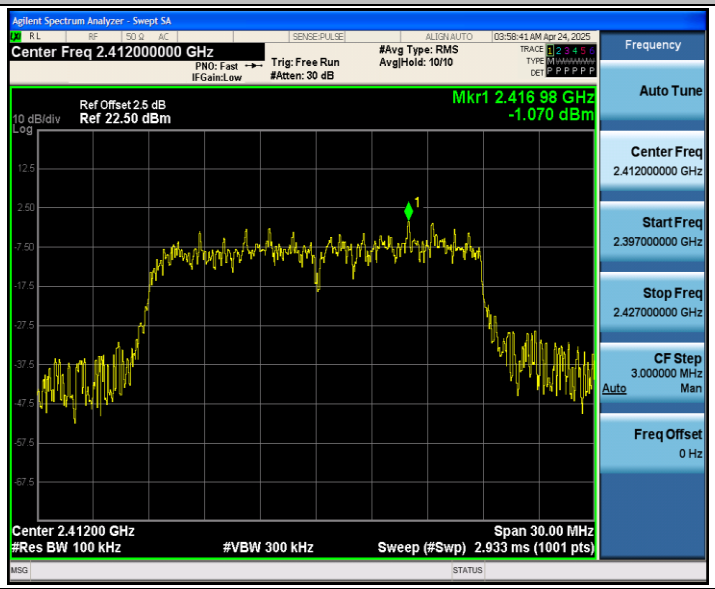
11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



11AX20SISO_Ant1_2412_0~Reference



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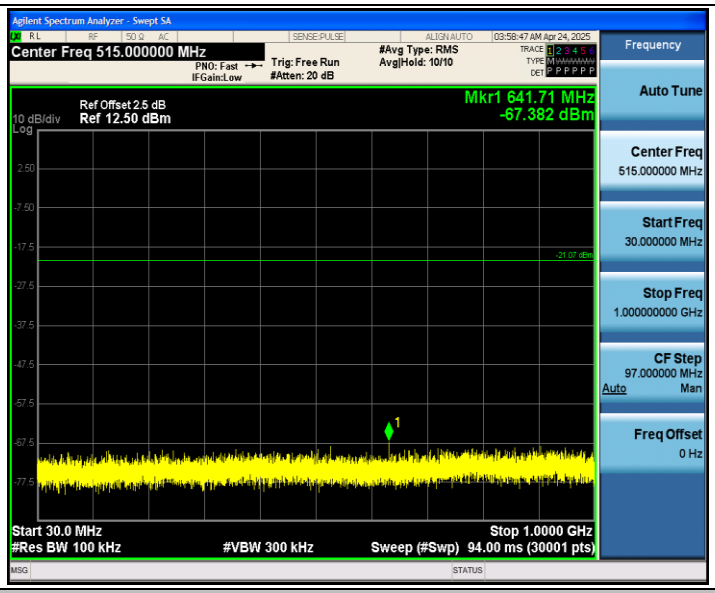
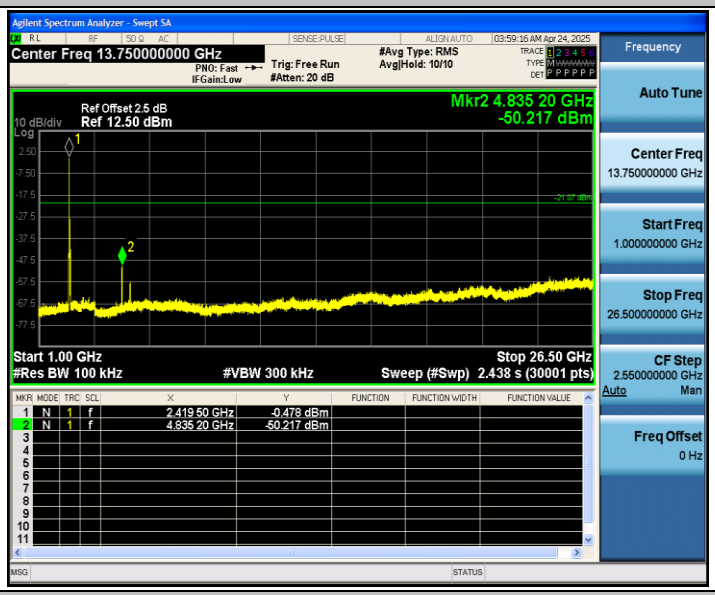


11AX20SISO_Ant1_2412_1000~26500



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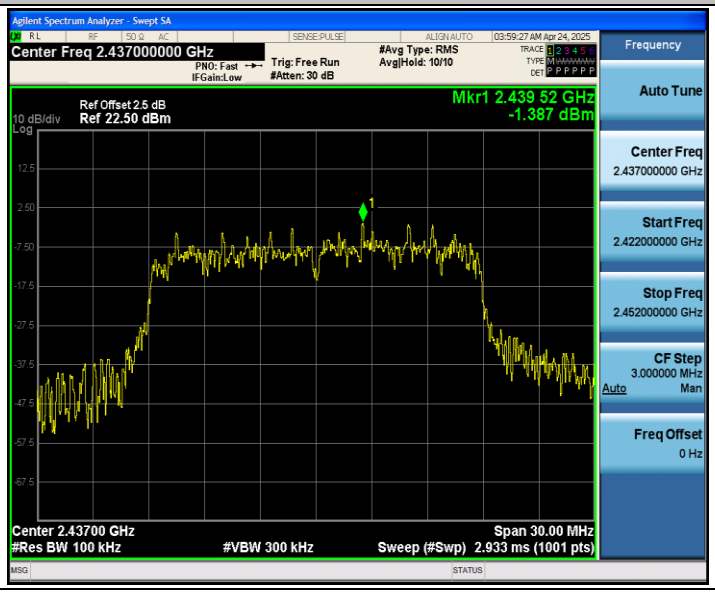

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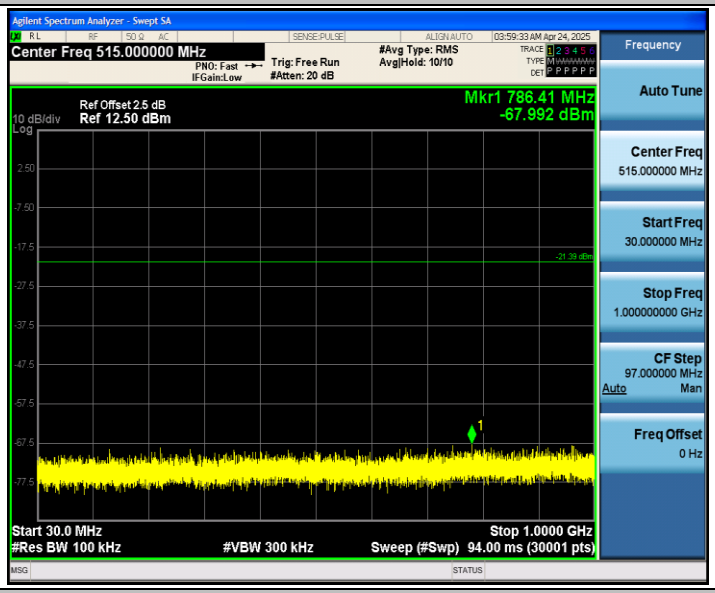
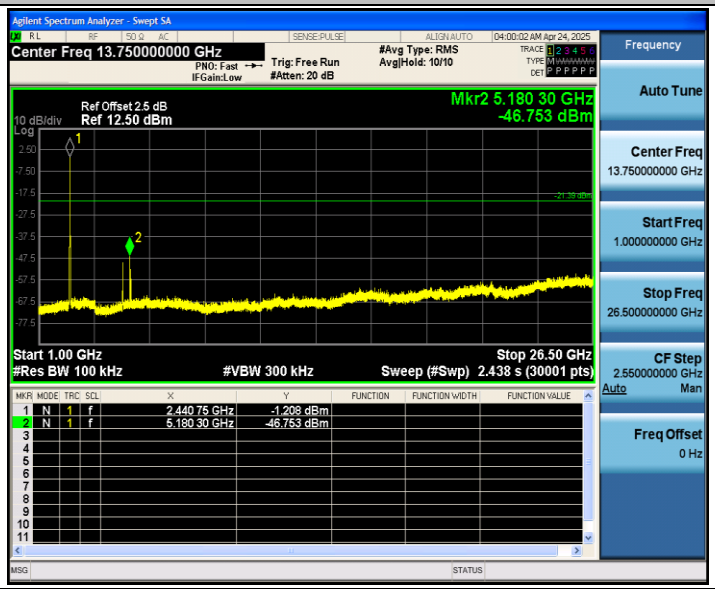
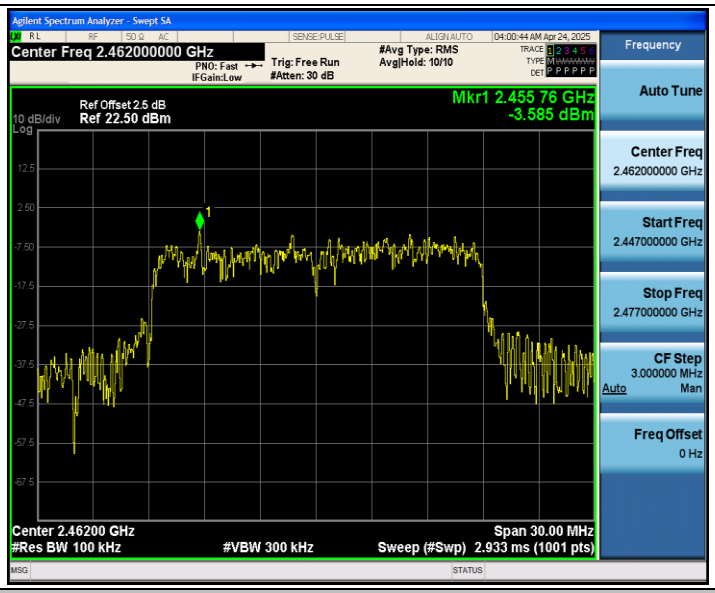


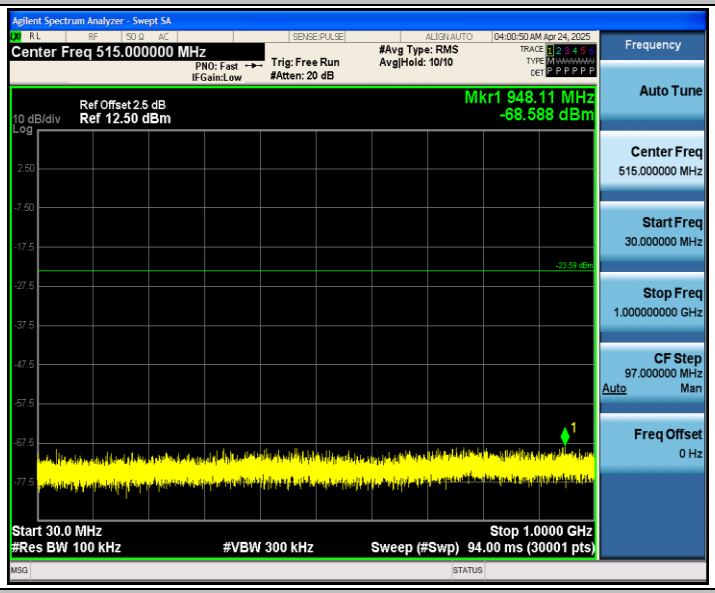
11AX20SISO_Ant1_2437_1000~26500



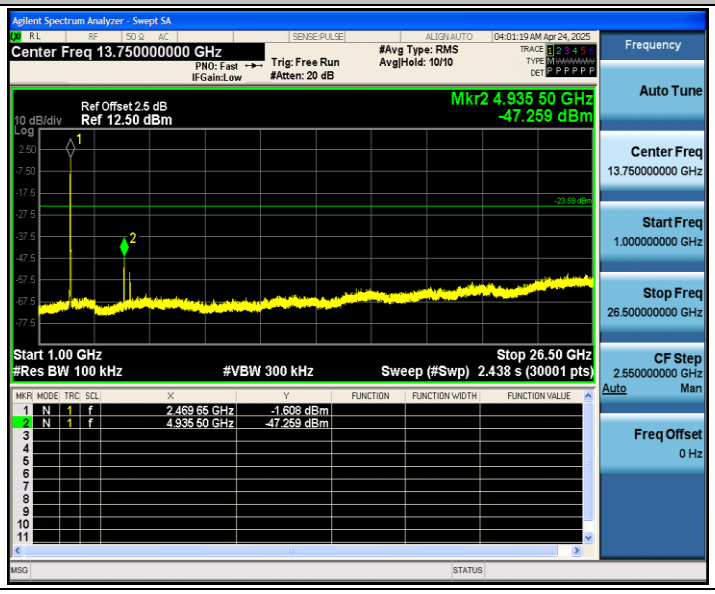
11AX20SISO_Ant1_2462_0~Reference



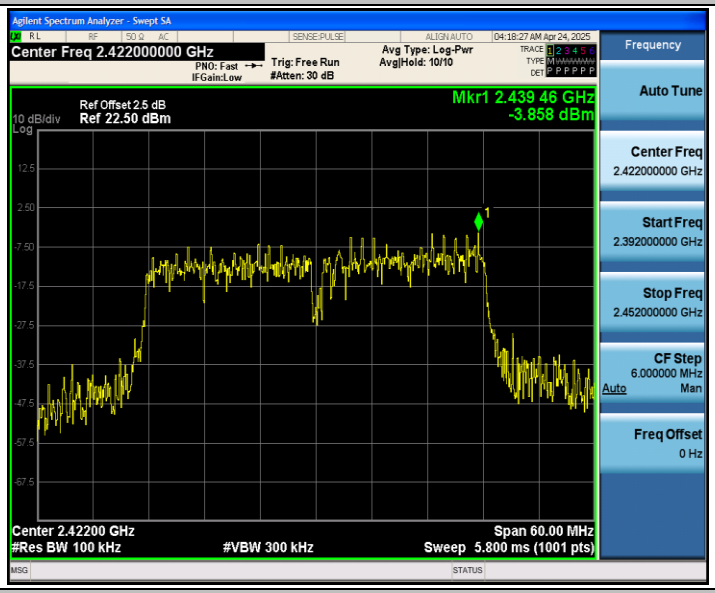
11AX20SISO_Ant1_2462_30~1000



11AX20SISO_Ant1_2462_1000~26500



11AX40SISO_Ant1_2422_0~Reference



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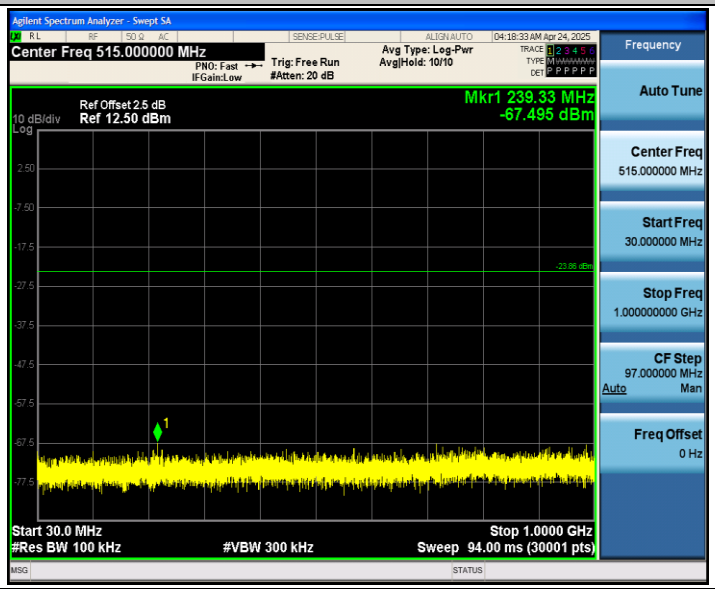

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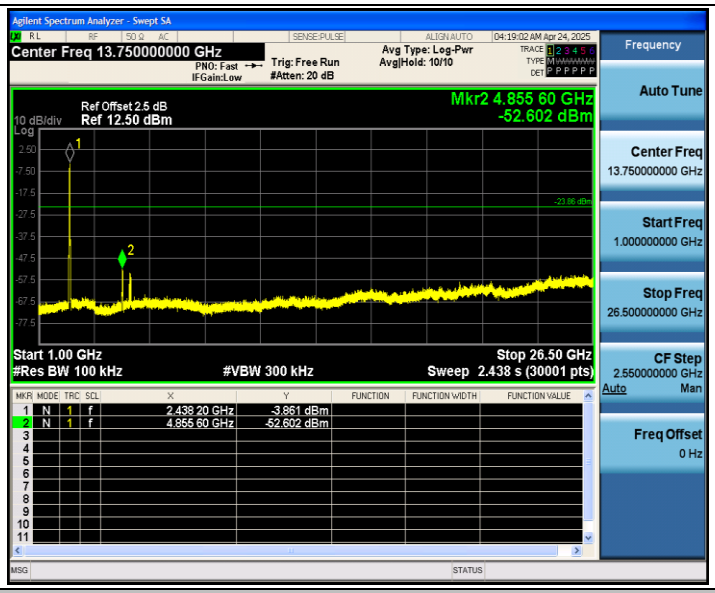

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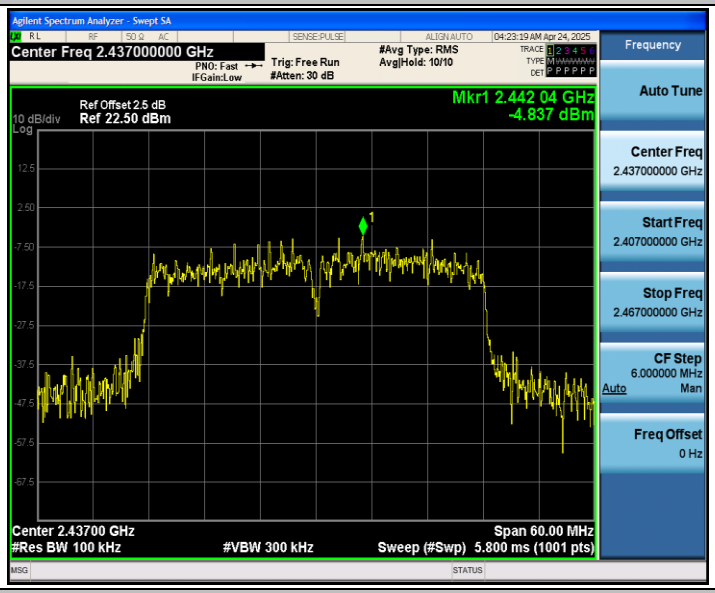

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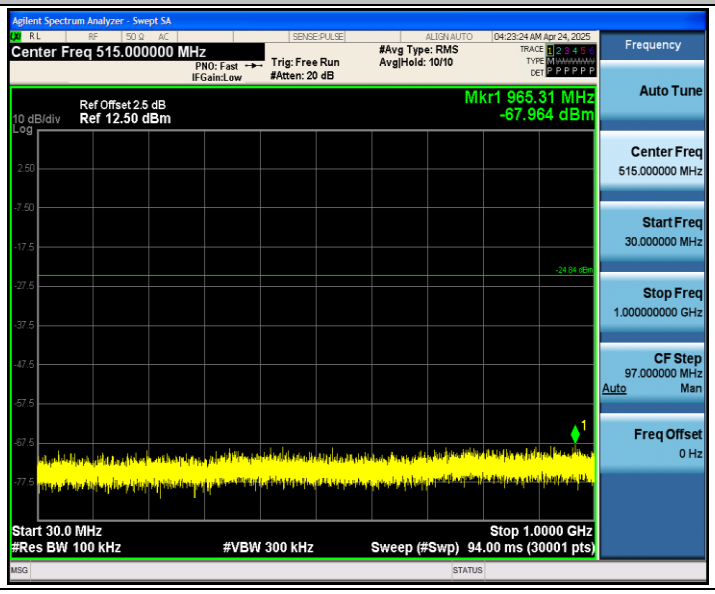

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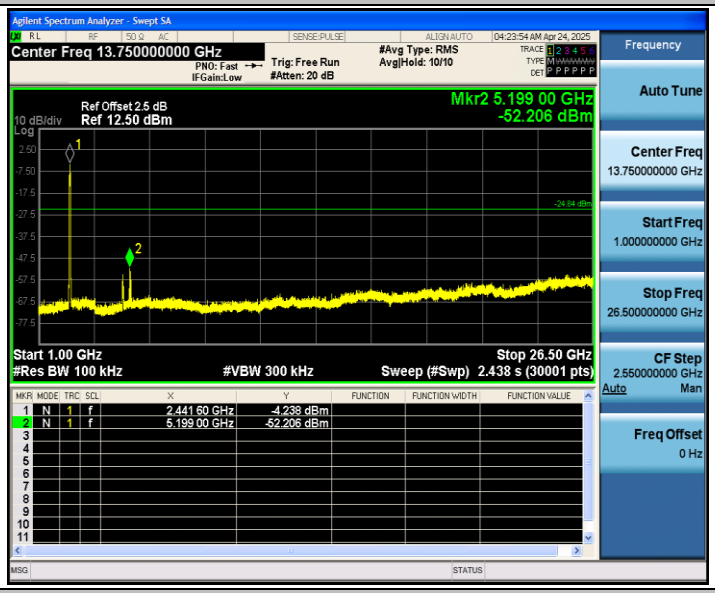
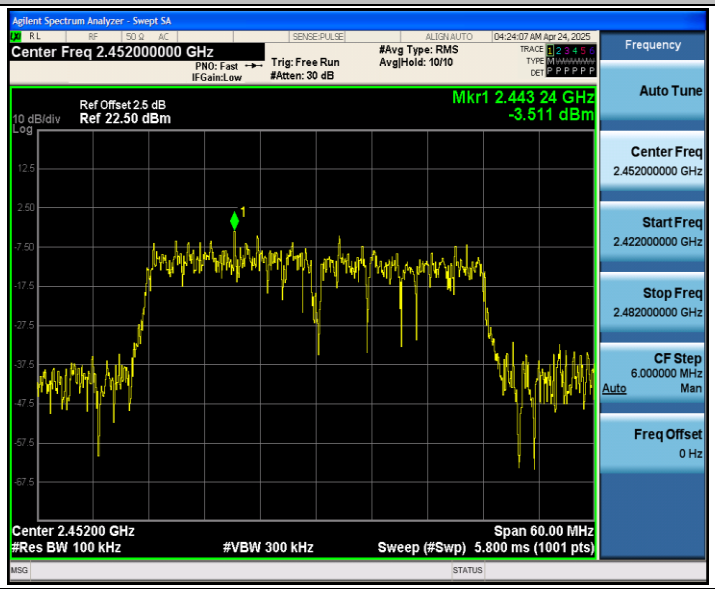


11AX40SISO_Ant1_2452_0~Reference



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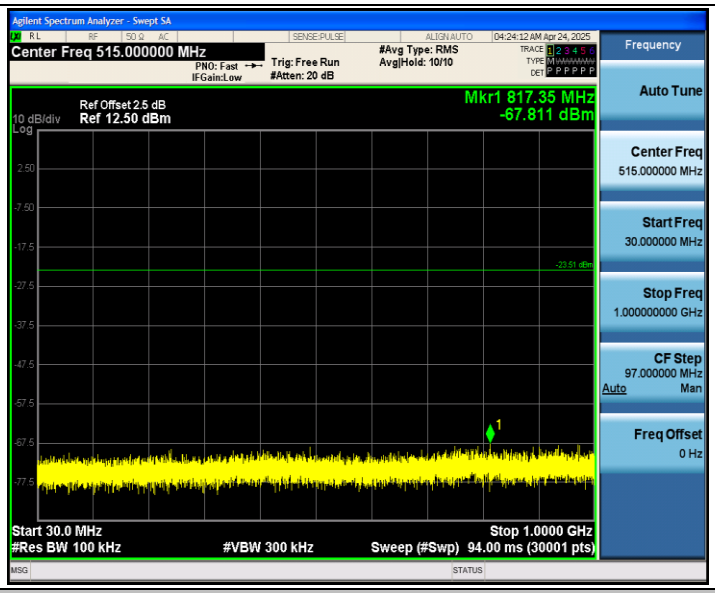

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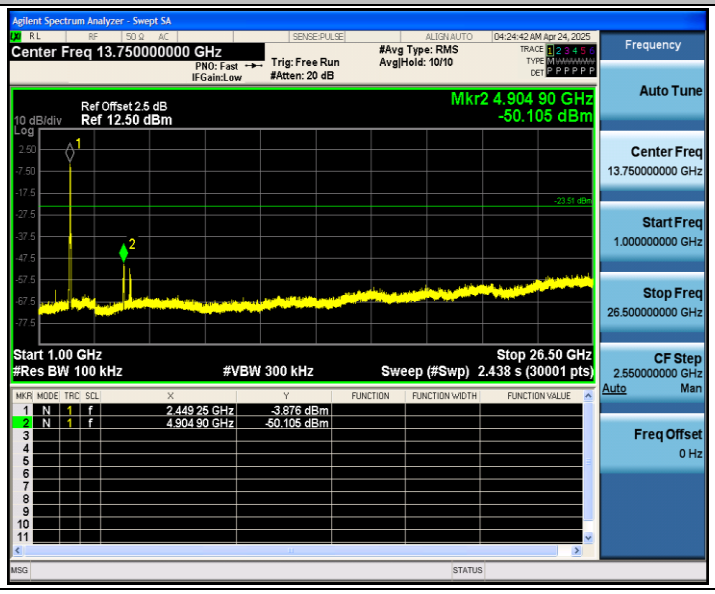

Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	0.71	0.93	76.34
		2437	0.71	0.81	87.65
		2462	0.71	0.81	87.65
11G	Ant1	2412	0.11	0.29	37.93
		2437	0.11	0.26	42.31
		2462	0.12	0.31	38.71
11N20SISO	Ant1	2412	0.11	0.28	39.29
		2437	0.12	0.30	40.00
		2462	0.12	0.30	40.00
11N40SISO	Ant1	2422	0.08	0.27	29.63
		2437	0.08	0.28	28.57
		2452	0.07	0.25	28.00
11AX20SISO	Ant1	2412	0.11	0.27	40.74
		2437	0.11	0.31	35.48
		2462	0.11	0.28	39.29
11AX40SISO	Ant1	2422	0.07	0.24	29.17
		2437	0.07	0.24	29.17
		2452	0.07	0.25	28.00