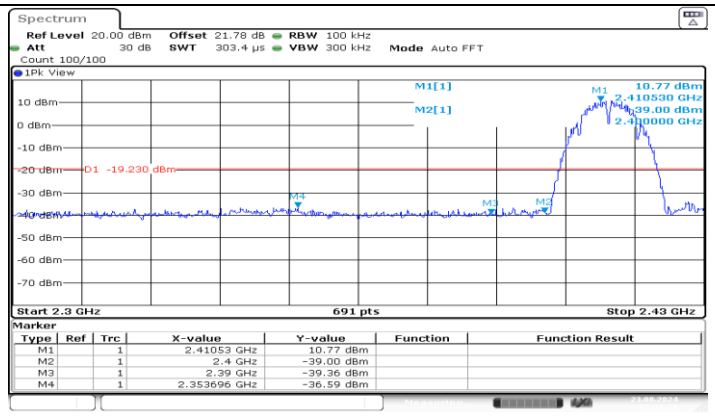
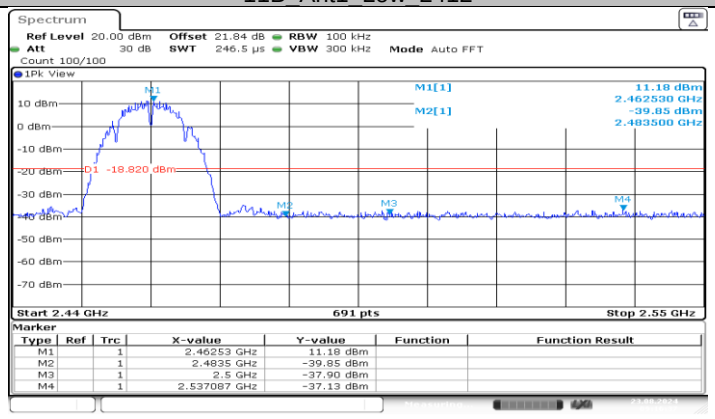
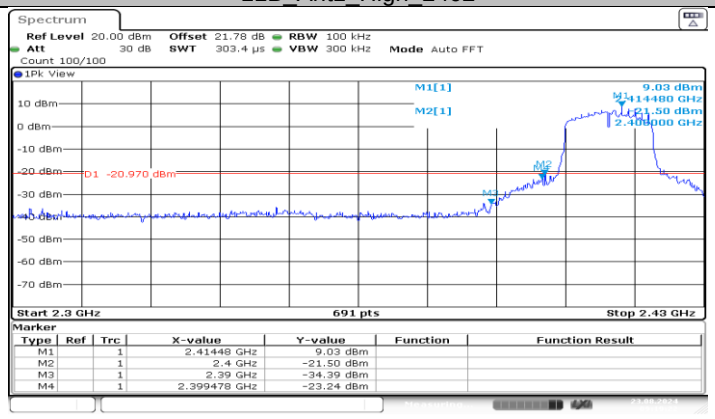
11.5.2. Test Graphs



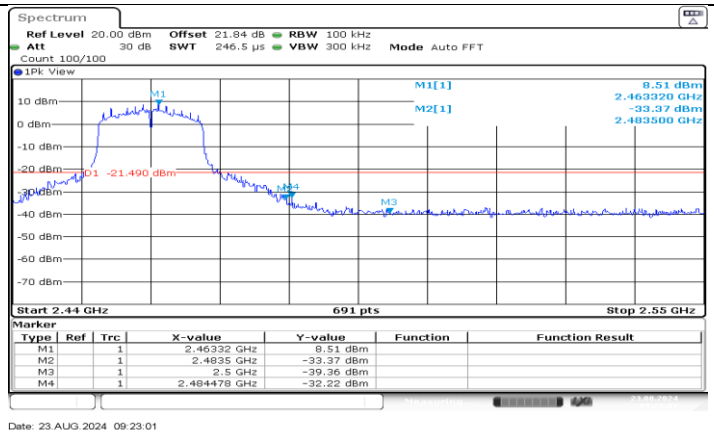
11B_Ant1_Low_2412



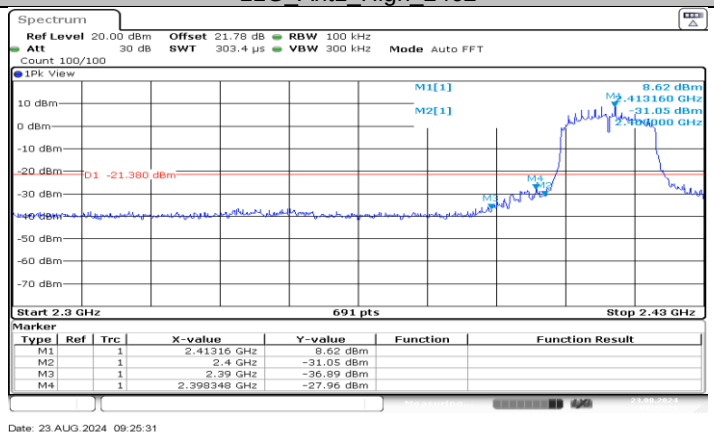
11B_Ant1_High_2462



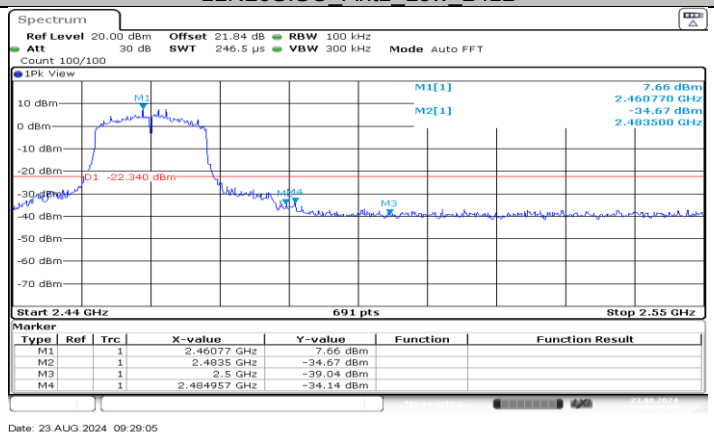
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



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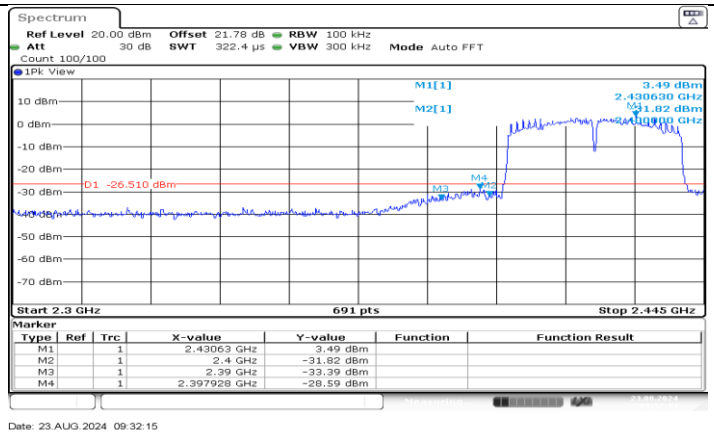
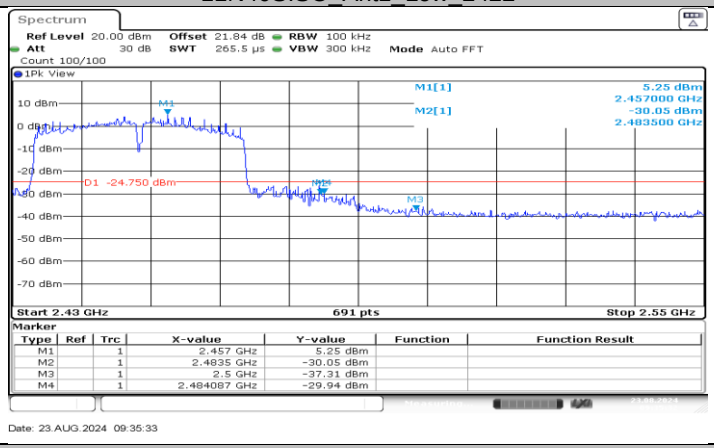


11N40SISO_Ant1_Low_2422



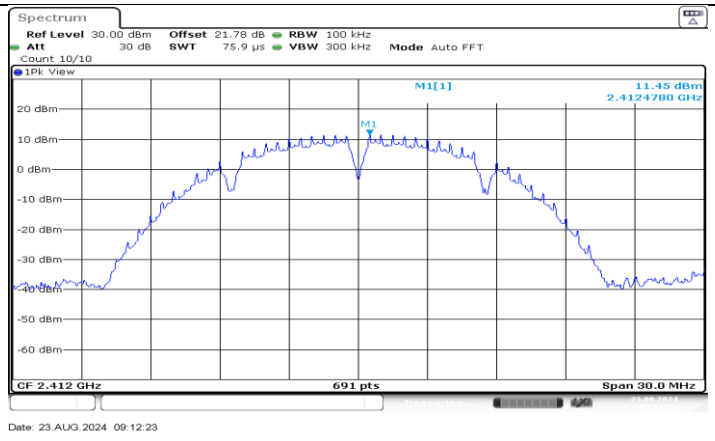
11N40SISO_Ant1_High_2452

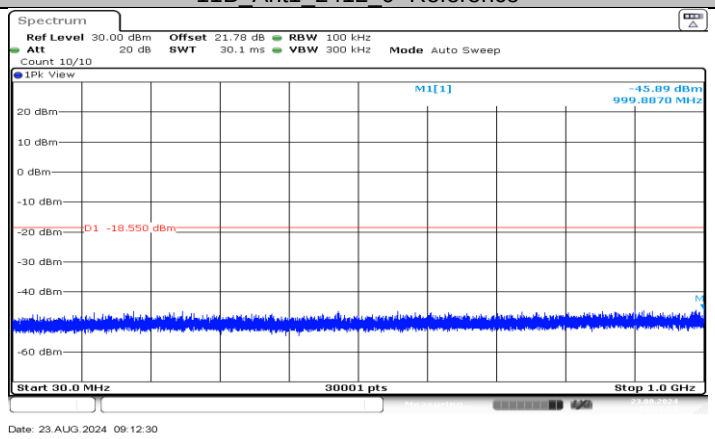
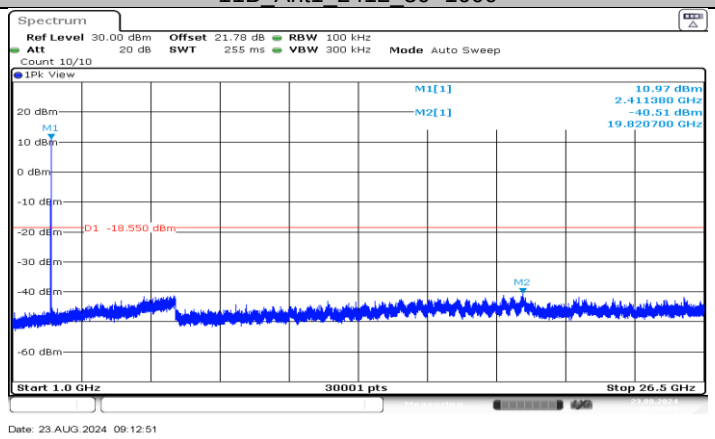
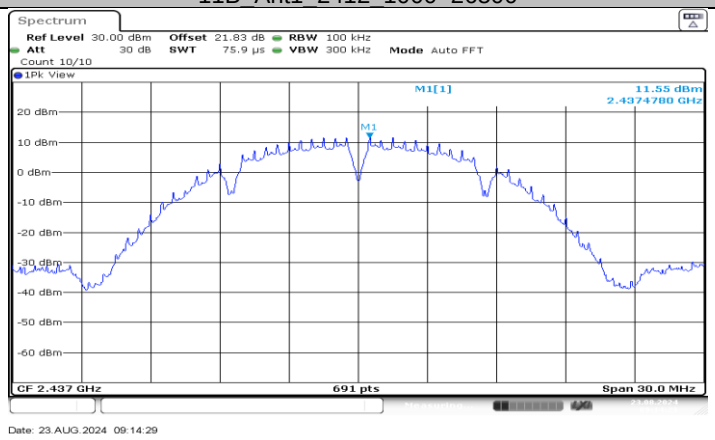
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

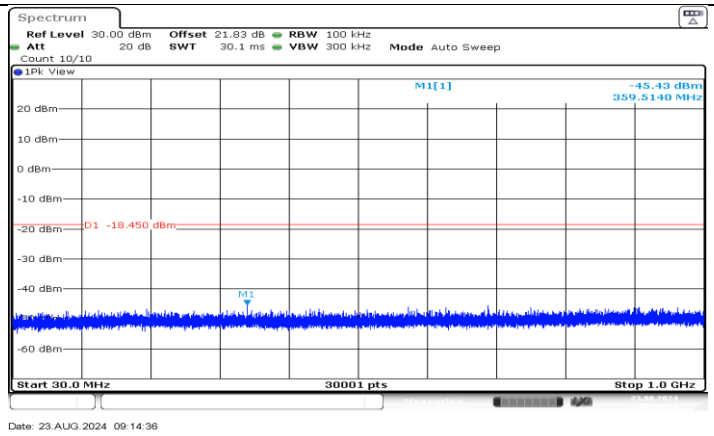
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	11.45	---	PASS
			30~1000	-45.89	≤-18.55	PASS
			1000~26500	-40.51	≤-18.55	PASS
		2437	Reference	11.55	---	PASS
			30~1000	-45.43	≤-18.45	PASS
			1000~26500	-40.27	≤-18.45	PASS
		2462	Reference	11.25	---	PASS
			30~1000	-45.13	≤-18.75	PASS
			1000~26500	-40.69	≤-18.75	PASS
11G	Ant1	2412	Reference	9.43	---	PASS
			30~1000	-45.34	≤-20.57	PASS
			1000~26500	-40.63	≤-20.57	PASS
		2437	Reference	9.55	---	PASS
			30~1000	-44.53	≤-20.45	PASS
			1000~26500	-40.06	≤-20.45	PASS
		2462	Reference	9.46	---	PASS
			30~1000	-44.64	≤-20.54	PASS
			1000~26500	-40.36	≤-20.54	PASS
11N20SISO	Ant1	2412	Reference	8.58	---	PASS
			30~1000	-44.28	≤-21.42	PASS
			1000~26500	-39.88	≤-21.42	PASS
		2437	Reference	8.48	---	PASS
			30~1000	-44.92	≤-21.52	PASS
			1000~26500	-39.28	≤-21.52	PASS
		2462	Reference	7.97	---	PASS
			30~1000	-46.22	≤-22.03	PASS
			1000~26500	-40.39	≤-22.03	PASS
11N40SISO	Ant1	2422	Reference	5.50	---	PASS
			30~1000	-45.01	≤-24.5	PASS
			1000~26500	-40.3	≤-24.5	PASS
		2437	Reference	5.92	---	PASS
			30~1000	-45.98	≤-24.08	PASS
			1000~26500	-40.64	≤-24.08	PASS
		2452	Reference	5.27	---	PASS
			30~1000	-45.99	≤-24.73	PASS
			1000~26500	-40.55	≤-24.73	PASS

11.6.2. Test Graphs



11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference



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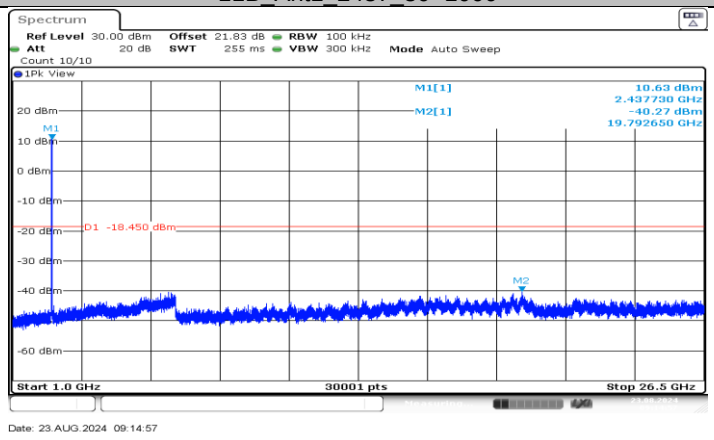
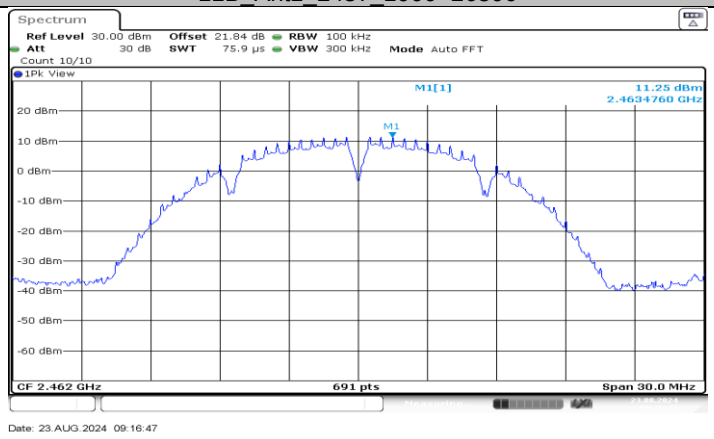
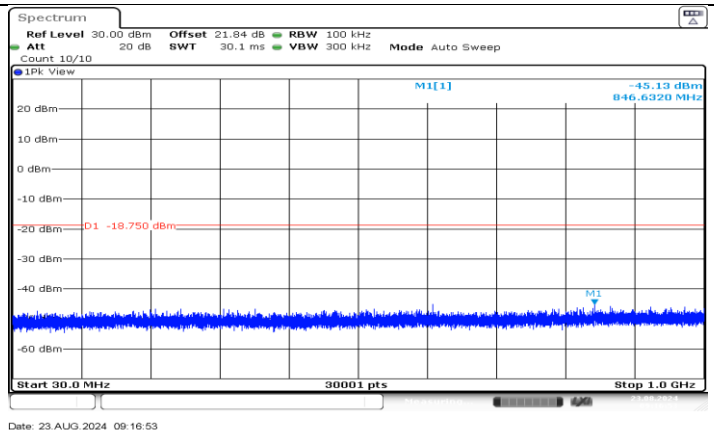


11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



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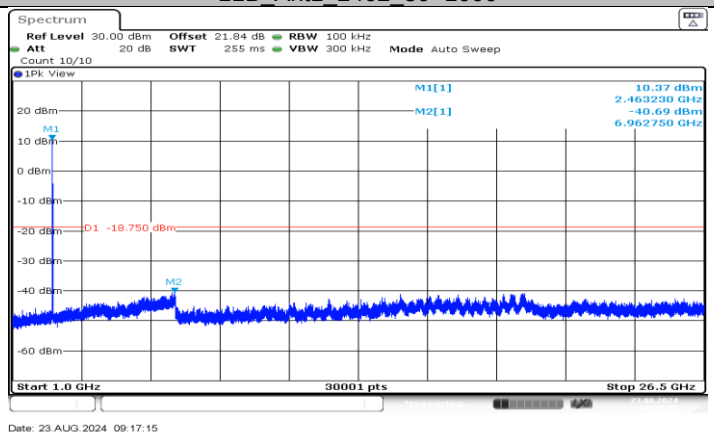

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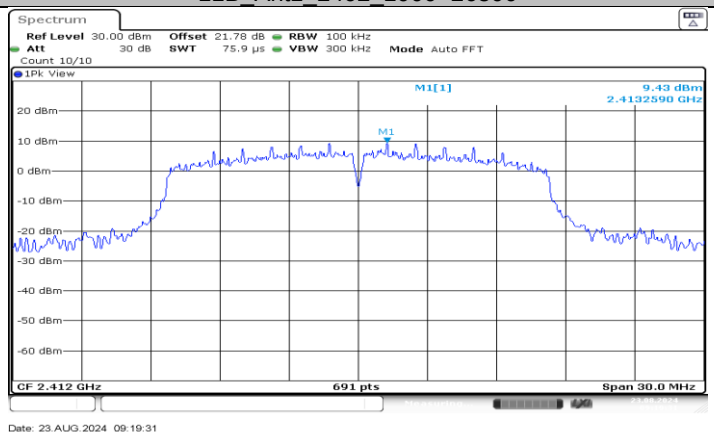
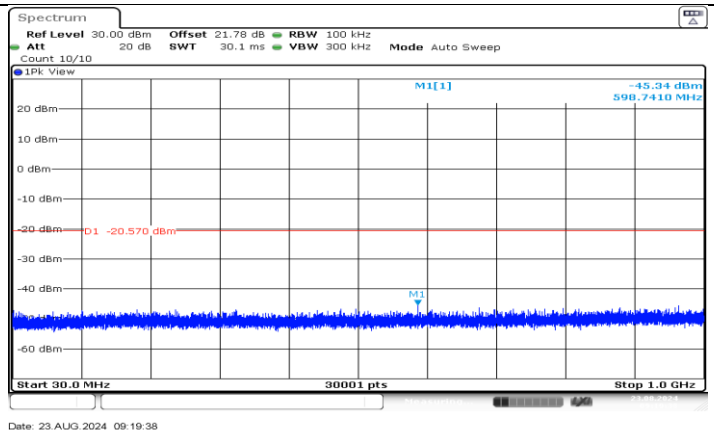


11G_Ant1_2412_0~Reference



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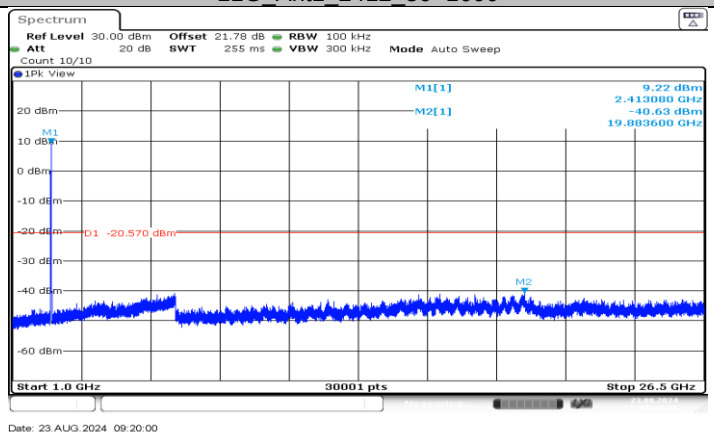

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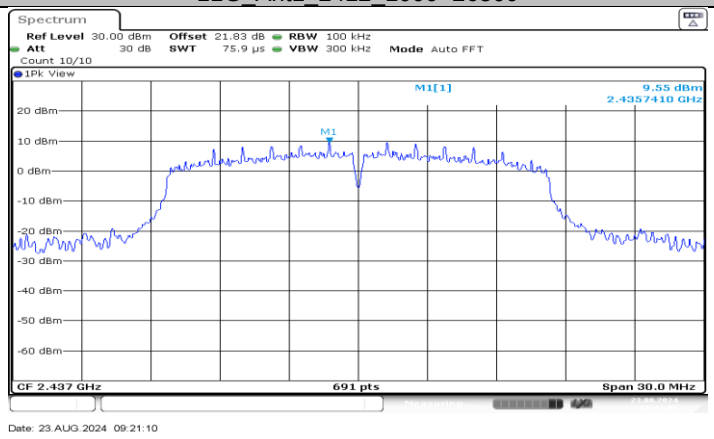

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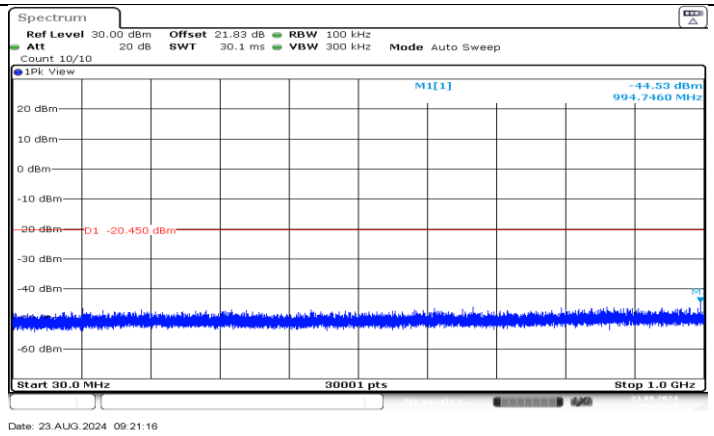

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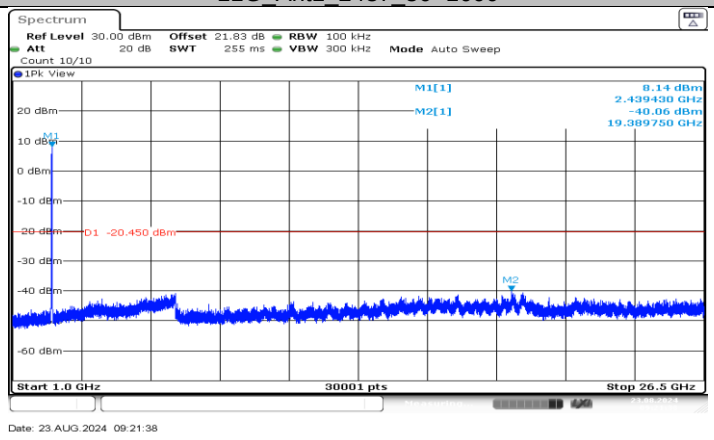
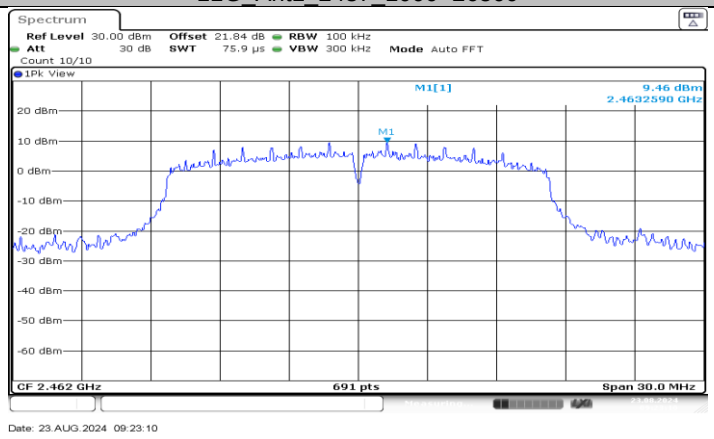


11G_Ant1_2437_1000~26500



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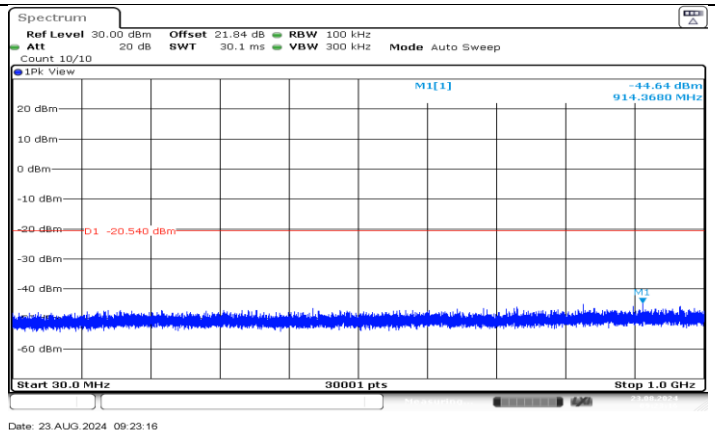

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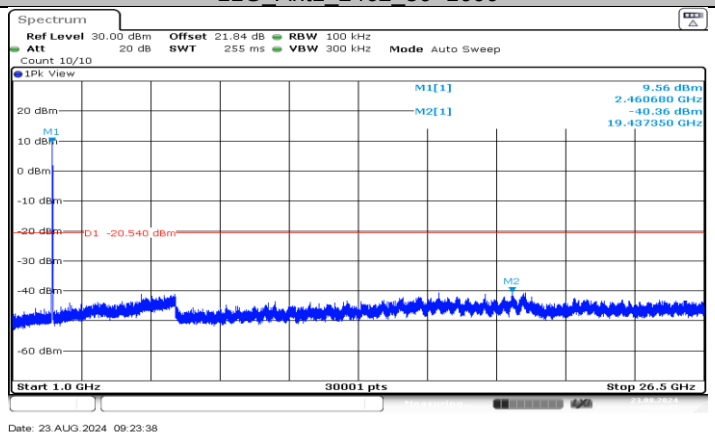
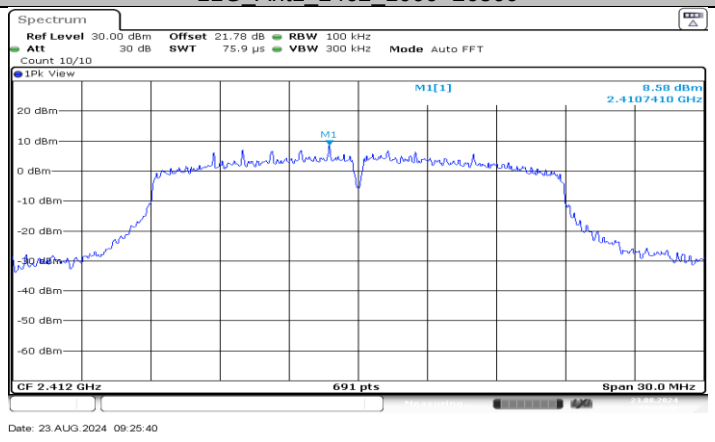


11G_Ant1_2462_1000~26500



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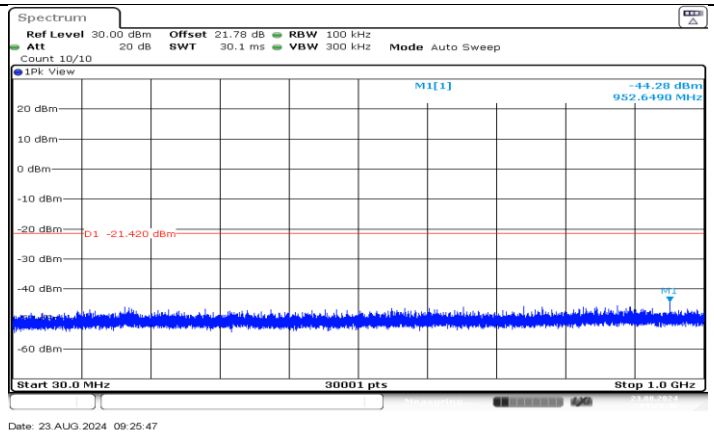

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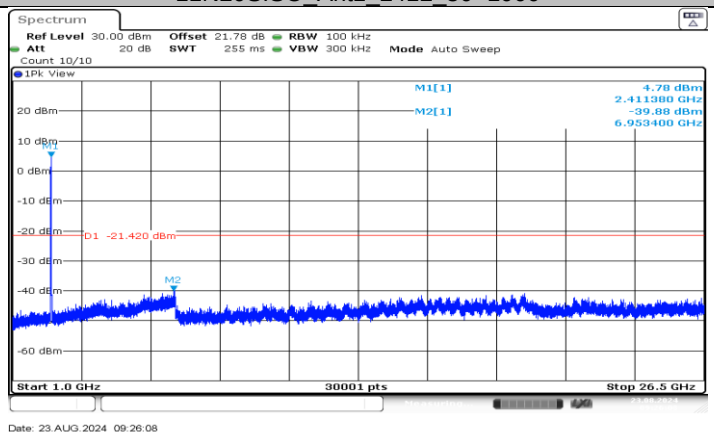

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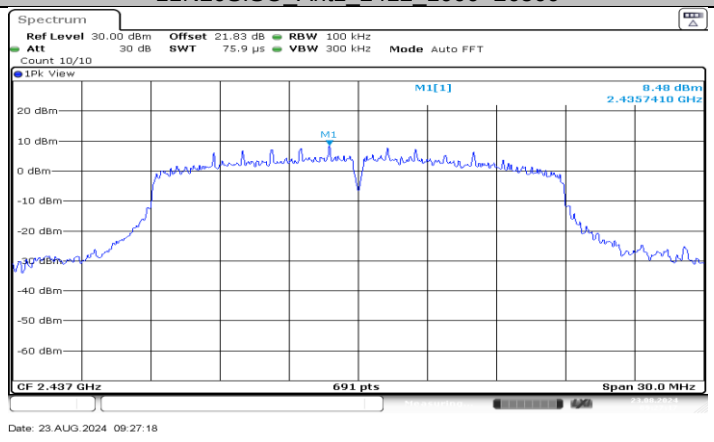

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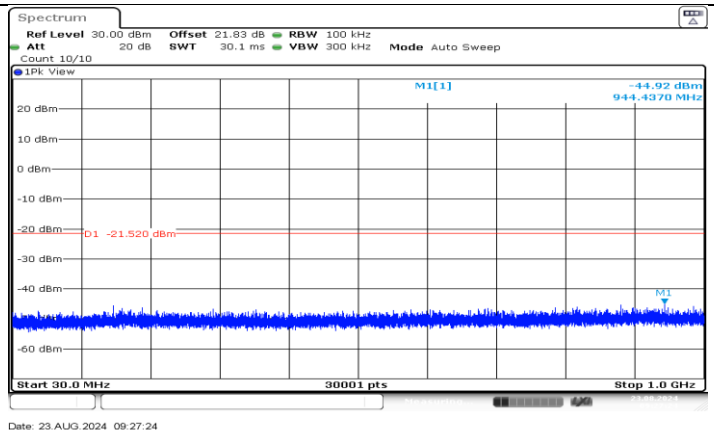

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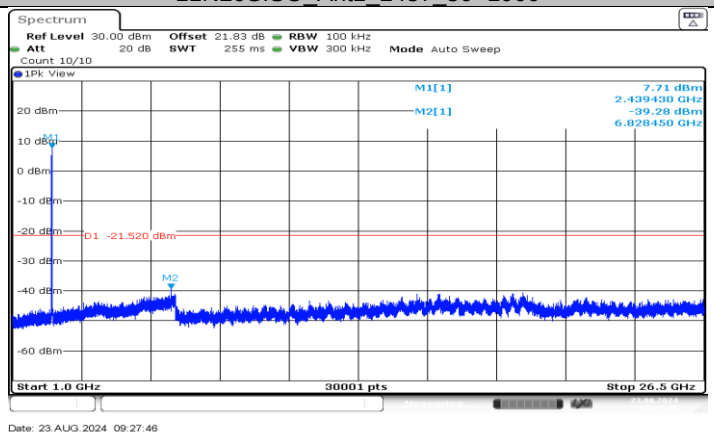

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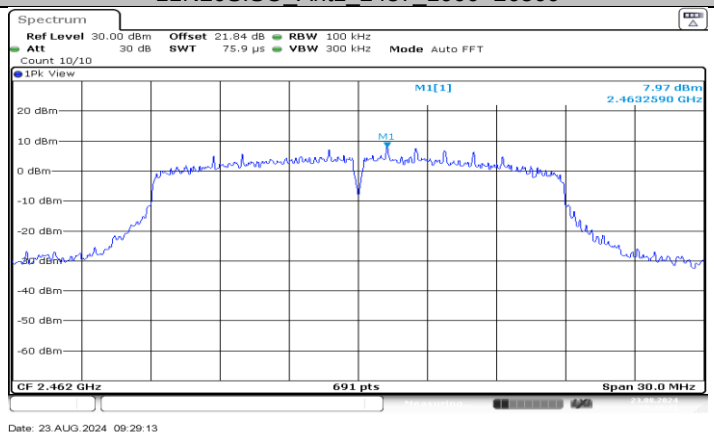

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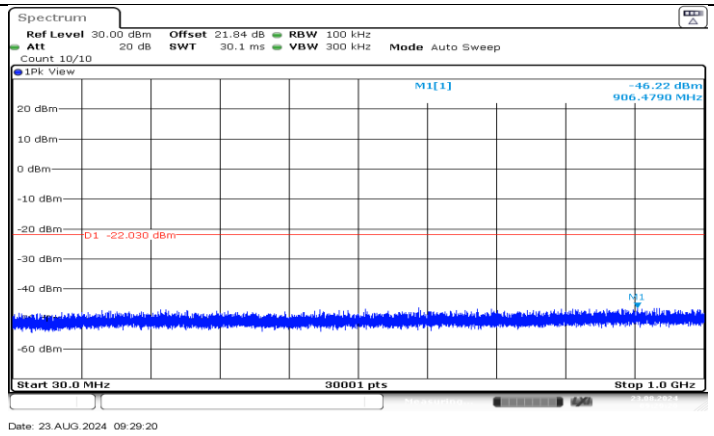

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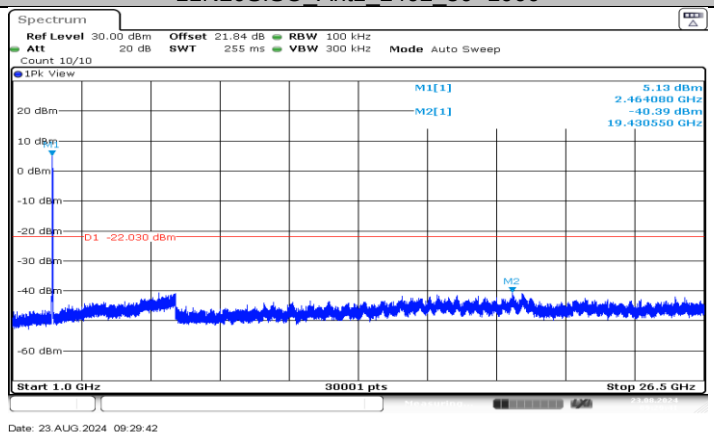

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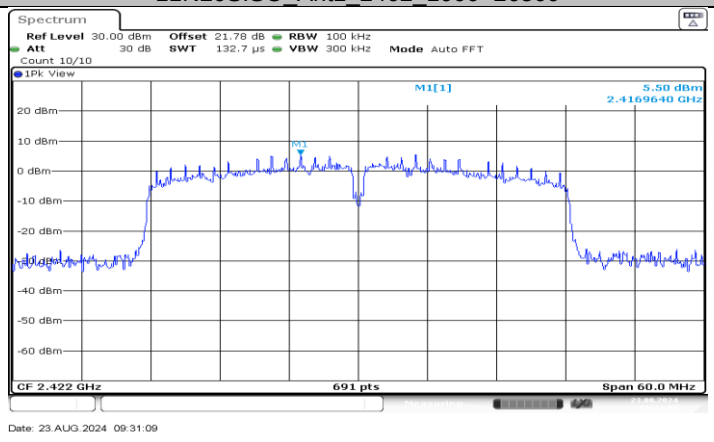

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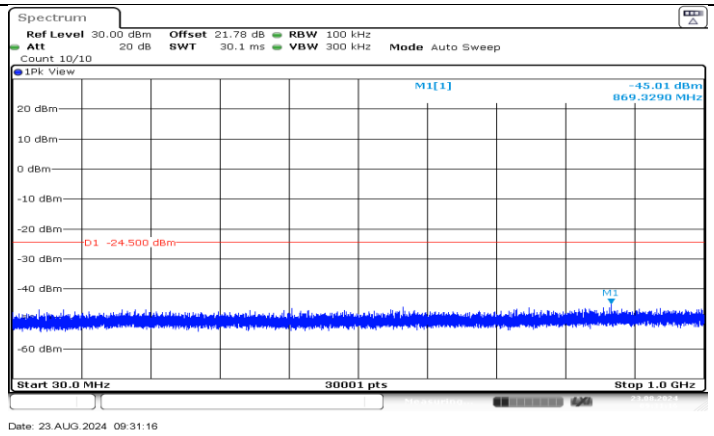

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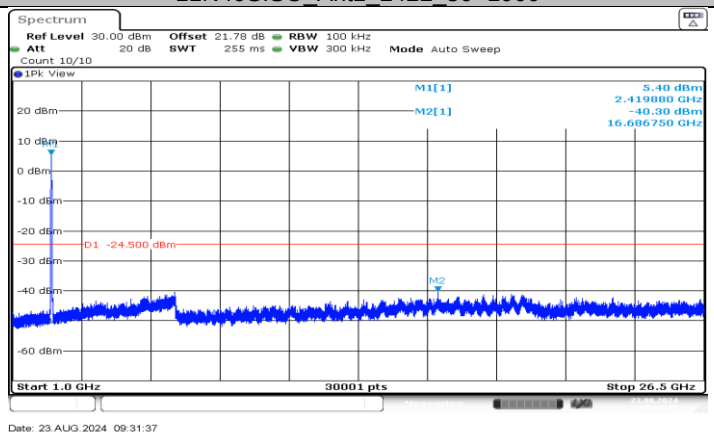
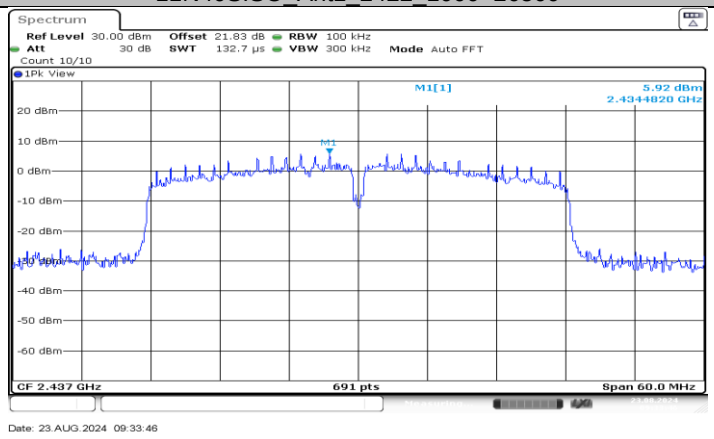


11N40SISO_Ant1_2422_1000~26500



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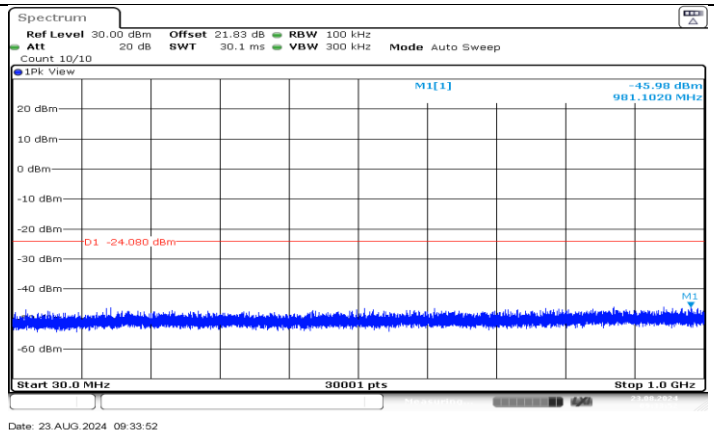

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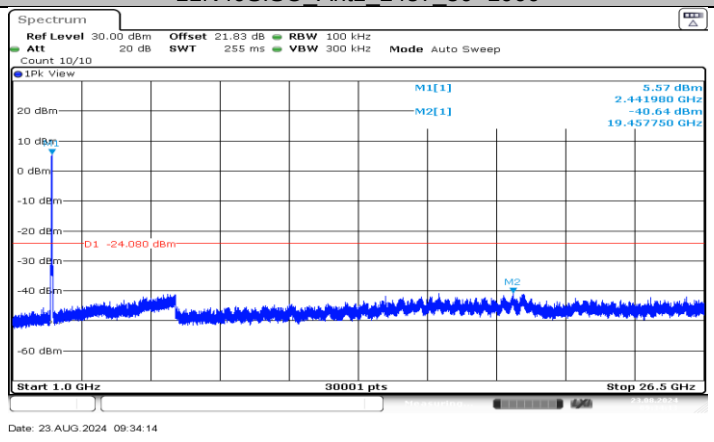

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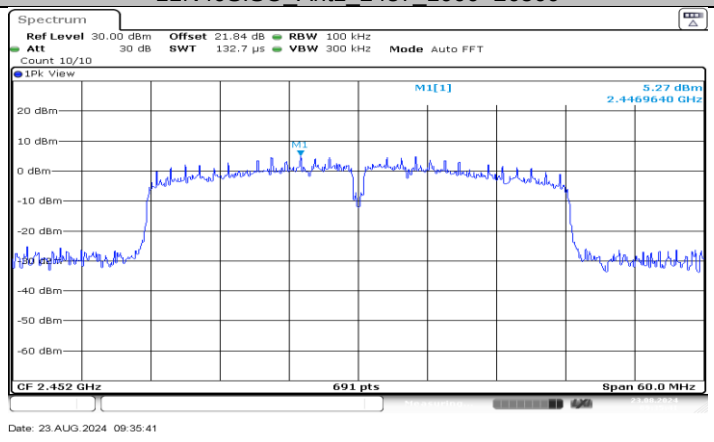
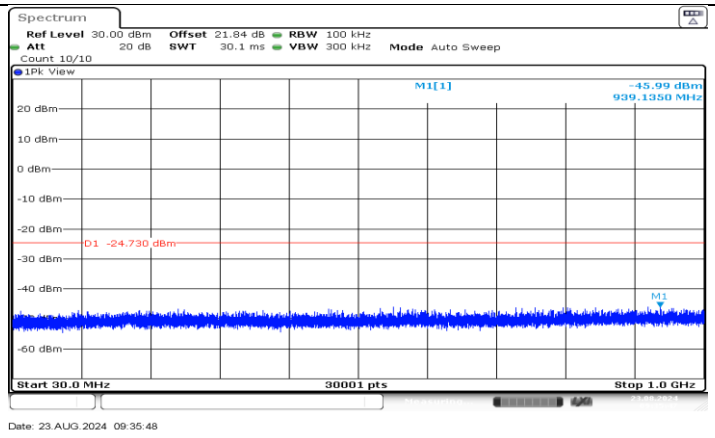
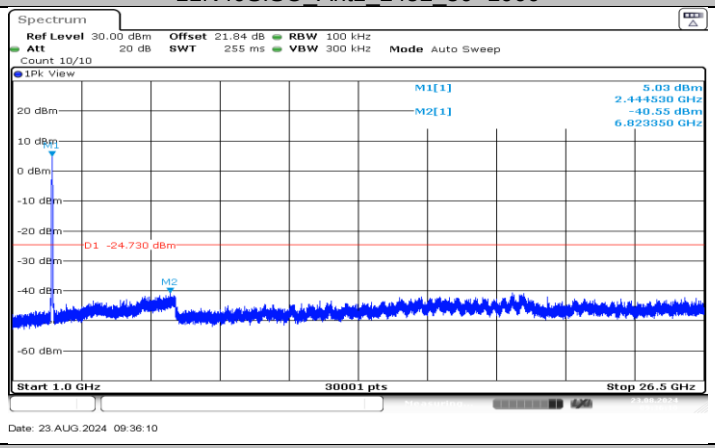


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

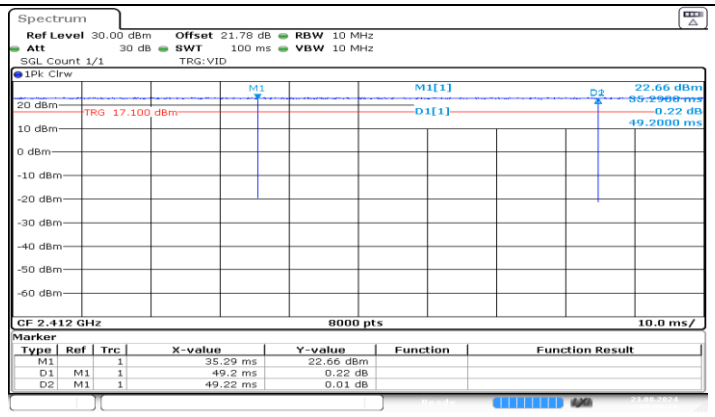
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

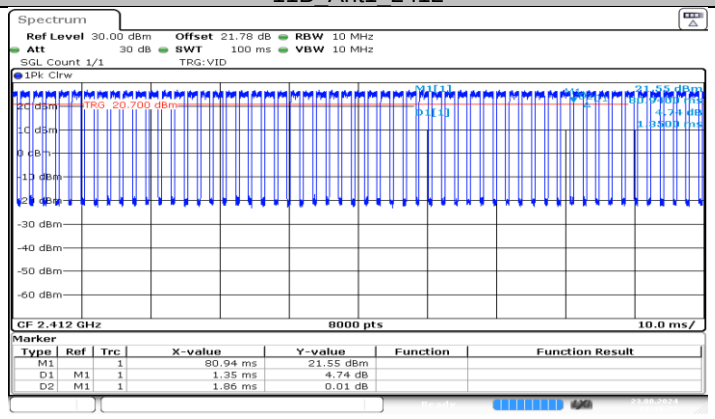
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	49.20	49.22	0.9996	99.96	0.00	0.02	N/A
11G	1.35	1.86	0.7258	72.58	1.39	0.74	1
11N20SISO	1.27	1.78	0.7135	71.35	1.47	0.79	1
11N40SISO	0.62	1.13	0.5487	54.87	2.61	1.61	2

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

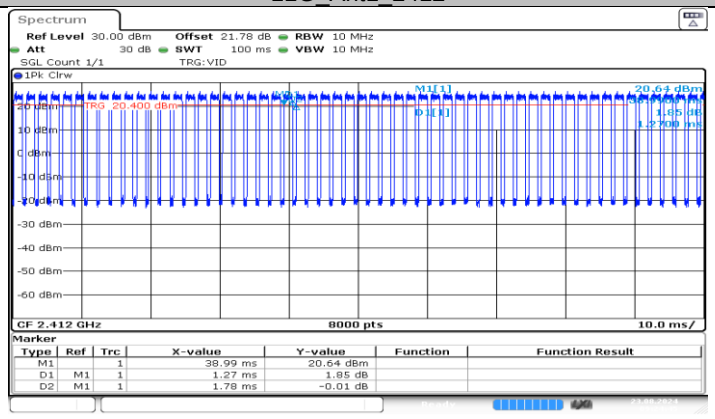
11.7.2. Test Graphs



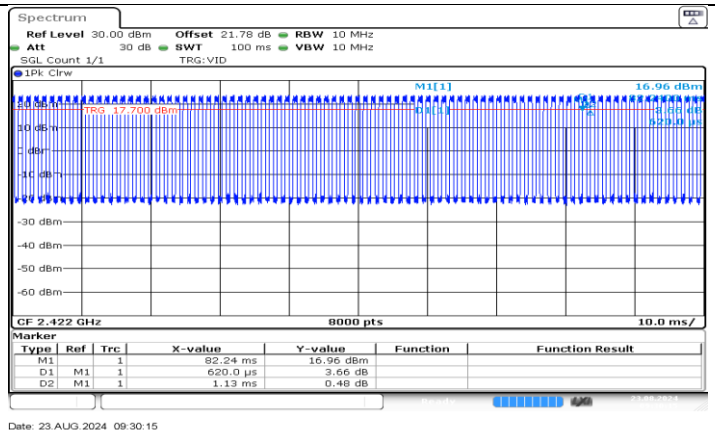
11B_Ant1_2412



11G_Ant1_2412



11N20SISO_Ant1_2412



11N40SISO_Ant1_2422

END OF REPORT