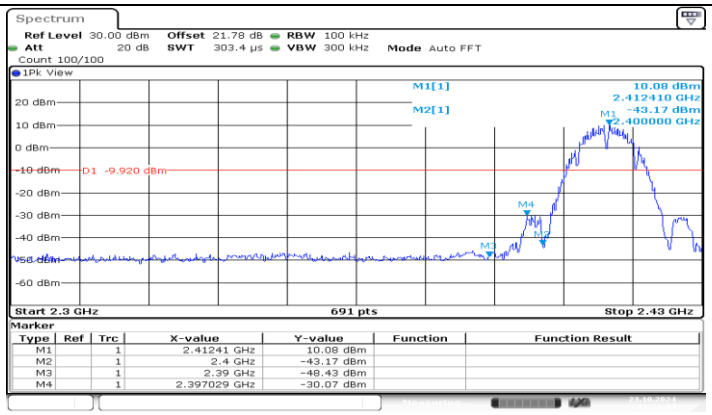
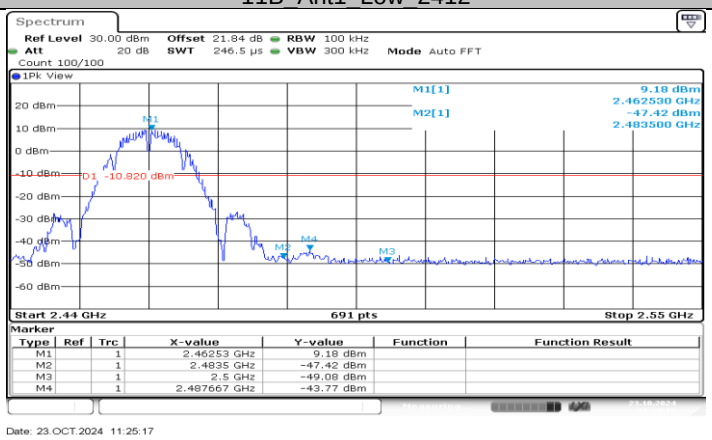
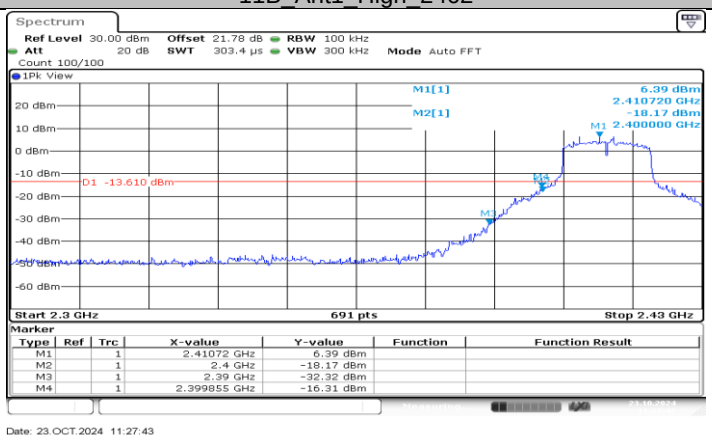
11.5.2. Test Graphs



11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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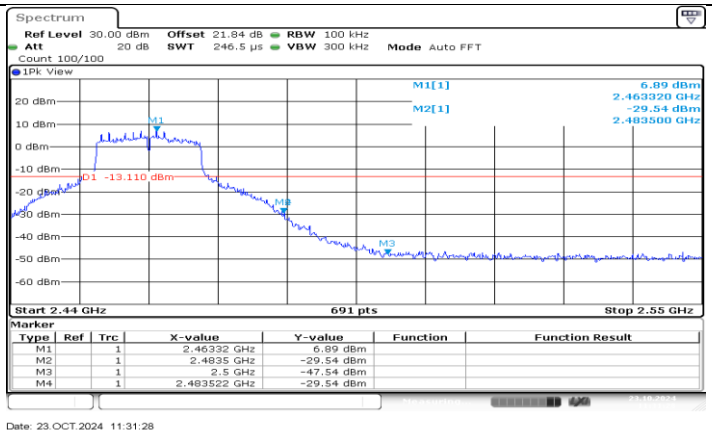

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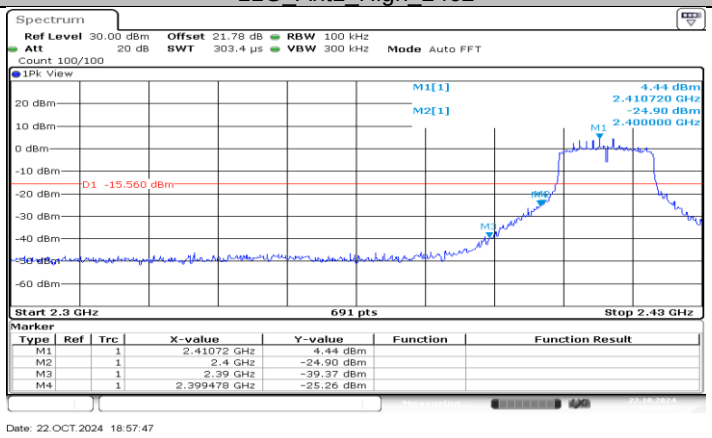
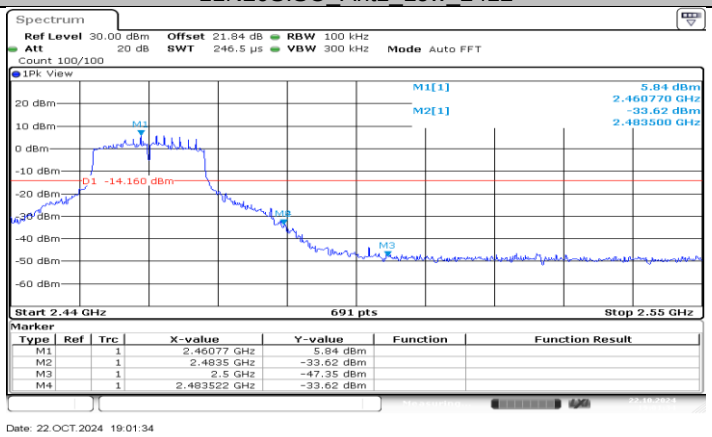


11N20SISO_Ant1_Low_2412



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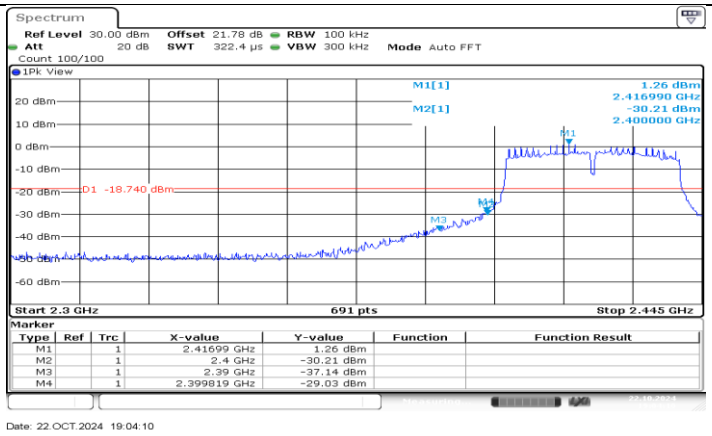
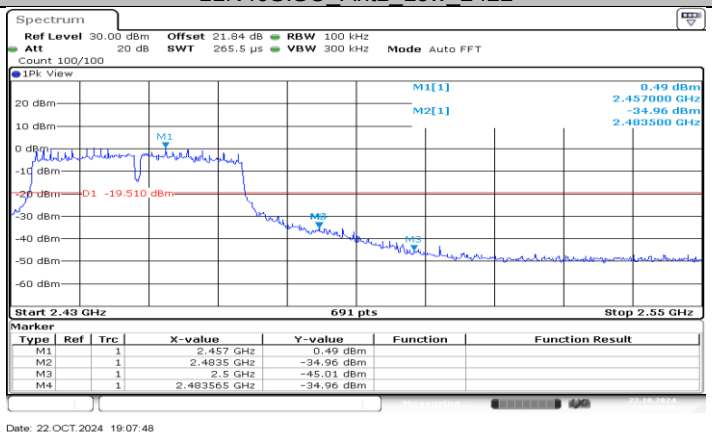


11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

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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	10.17	---	PASS
			30~1000	-45.49	≤-9.83	PASS
			1000~26500	-40.29	≤-9.83	PASS
		2437	Reference	10.25	---	PASS
			30~1000	-45.74	≤-9.75	PASS
			1000~26500	-40.47	≤-9.75	PASS
		2462	Reference	10.08	---	PASS
			30~1000	-46.14	≤-9.92	PASS
			1000~26500	-40.33	≤-9.92	PASS
11G	Ant1	2412	Reference	7.66	---	PASS
			30~1000	-45.35	≤-12.34	PASS
			1000~26500	-40.01	≤-12.34	PASS
		2437	Reference	8.03	---	PASS
			30~1000	-44.26	≤-11.97	PASS
			1000~26500	-40.45	≤-11.97	PASS
		2462	Reference	7.78	---	PASS
			30~1000	-45.75	≤-12.22	PASS
			1000~26500	-40.42	≤-12.22	PASS
11N20SISO	Ant1	2412	Reference	4.44	---	PASS
			30~1000	-45.77	≤-15.56	PASS
			1000~26500	-40.69	≤-15.56	PASS
		2437	Reference	3.92	---	PASS
			30~1000	-44.93	≤-16.08	PASS
			1000~26500	-40.06	≤-16.08	PASS
		2462	Reference	5.67	---	PASS
			30~1000	-44.89	≤-14.33	PASS
			1000~26500	-40.3	≤-14.33	PASS
11N40SISO	Ant1	2422	Reference	1.46	---	PASS
			30~1000	-45.63	≤-18.54	PASS
			1000~26500	-40.02	≤-18.54	PASS
		2437	Reference	0.94	---	PASS
			30~1000	-45.69	≤-19.06	PASS
			1000~26500	-40.68	≤-19.06	PASS
		2452	Reference	0.71	---	PASS
			30~1000	-45.38	≤-19.29	PASS
			1000~26500	-40.9	≤-19.29	PASS

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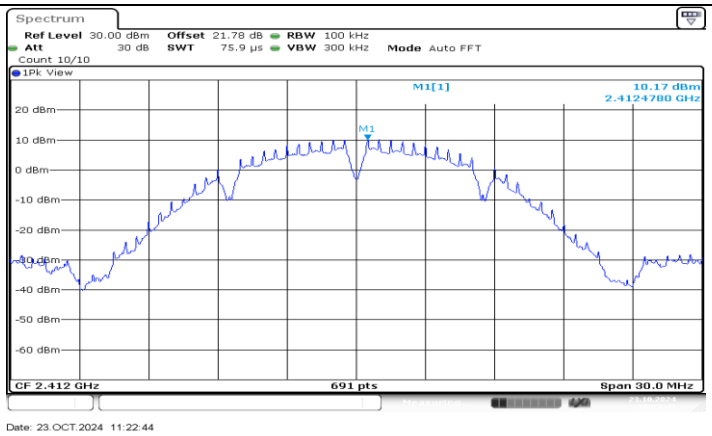
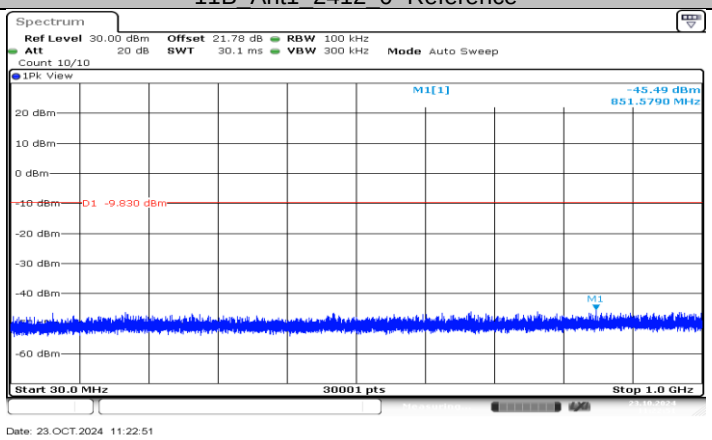
11.6.2. Test Graphs



11B_Ant1_2412_0~Reference



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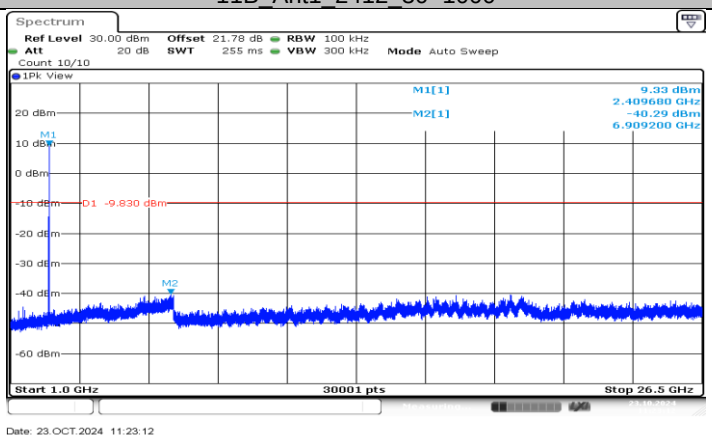

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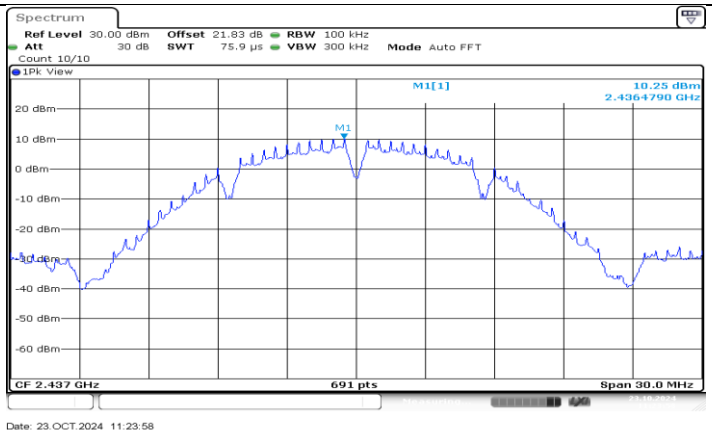

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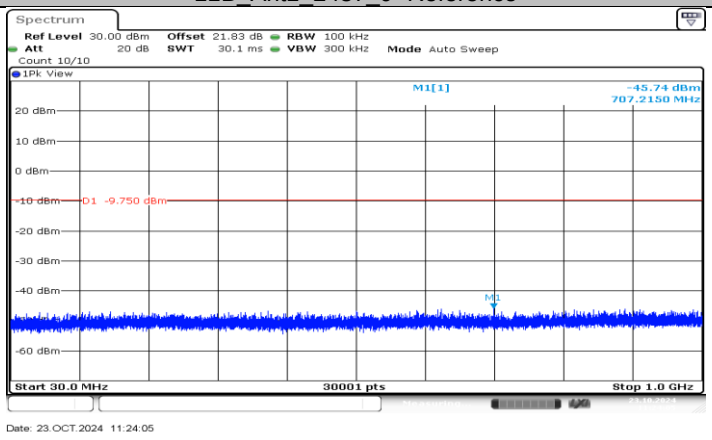

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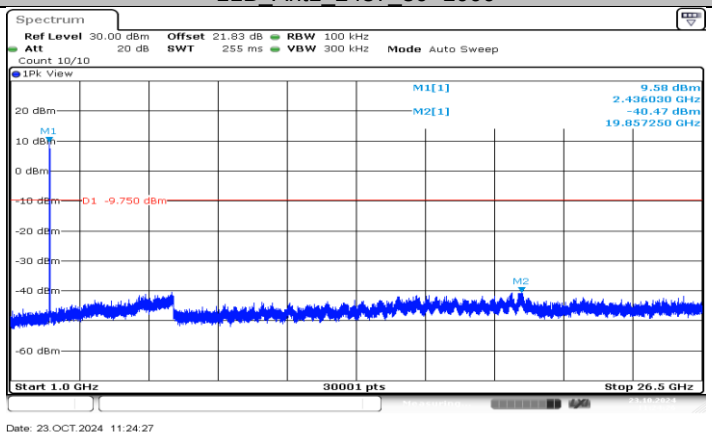

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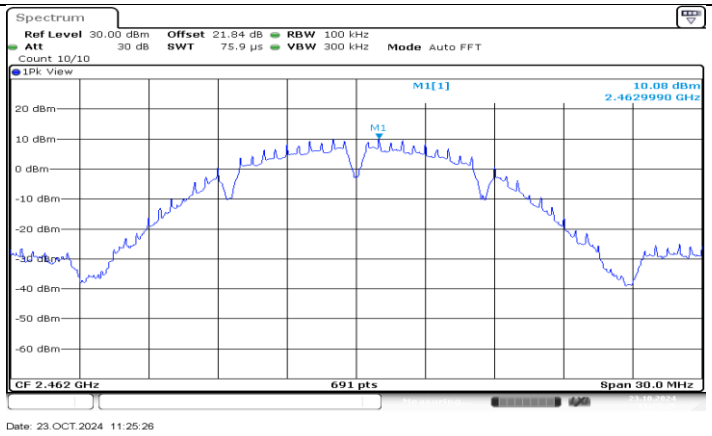

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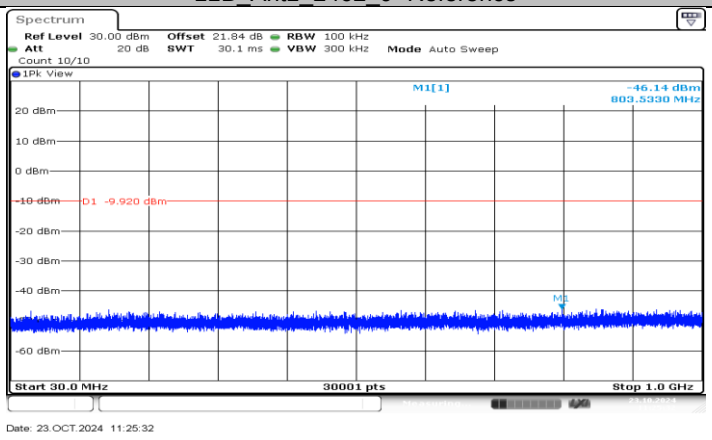

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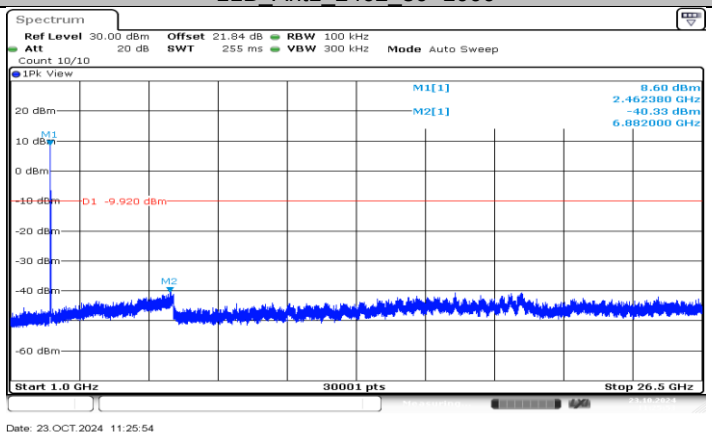

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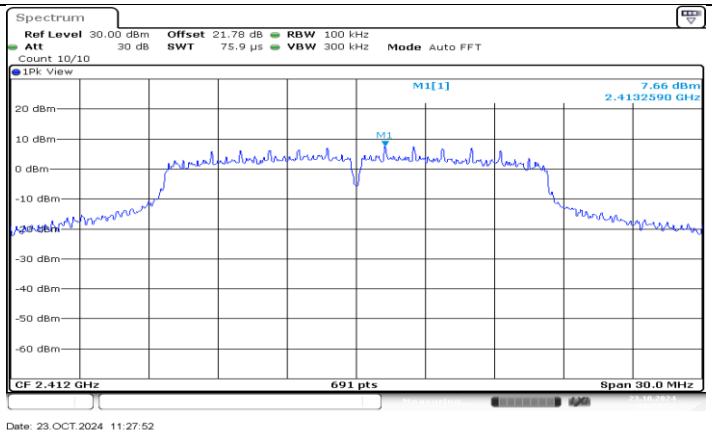

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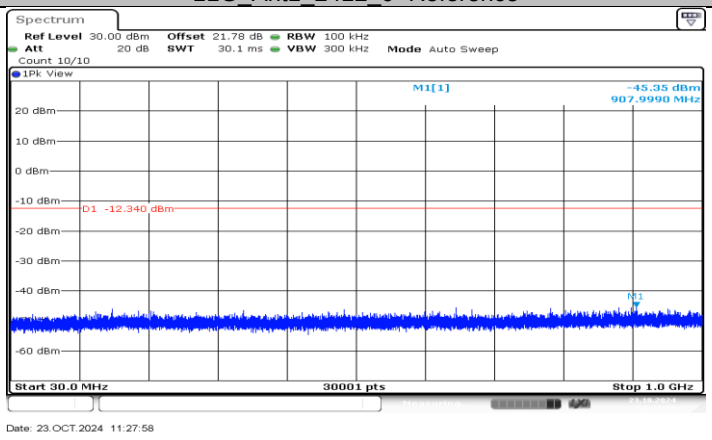

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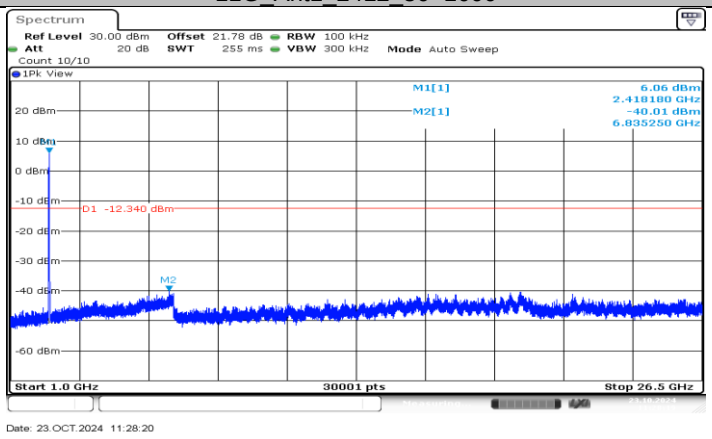

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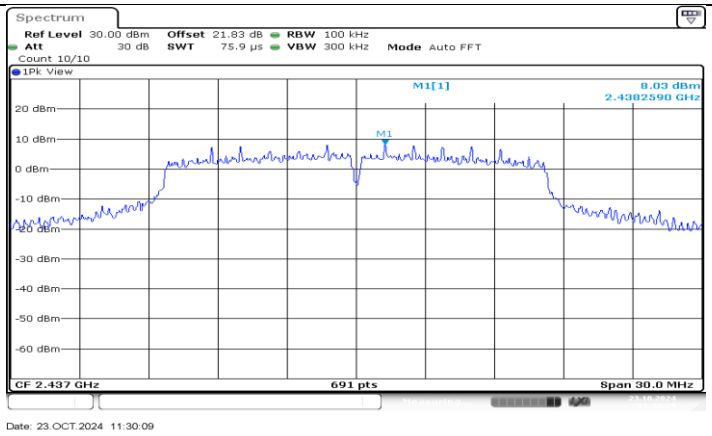

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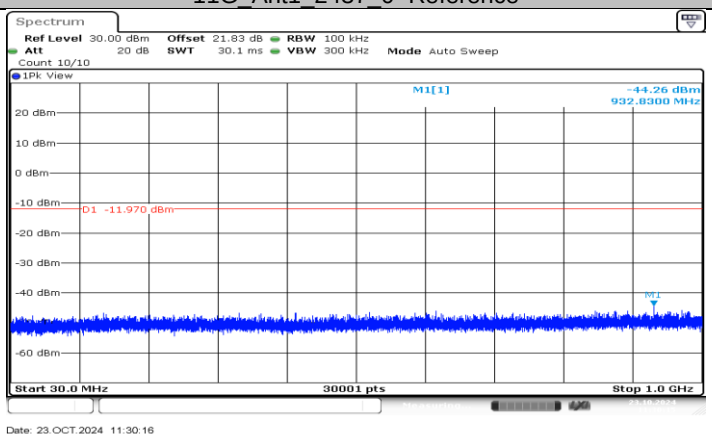

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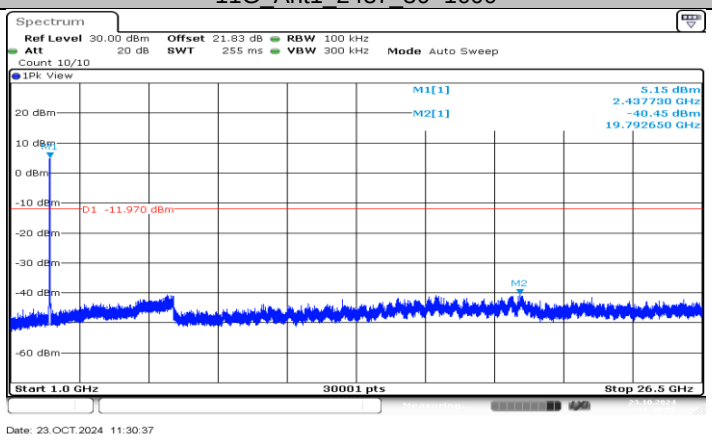

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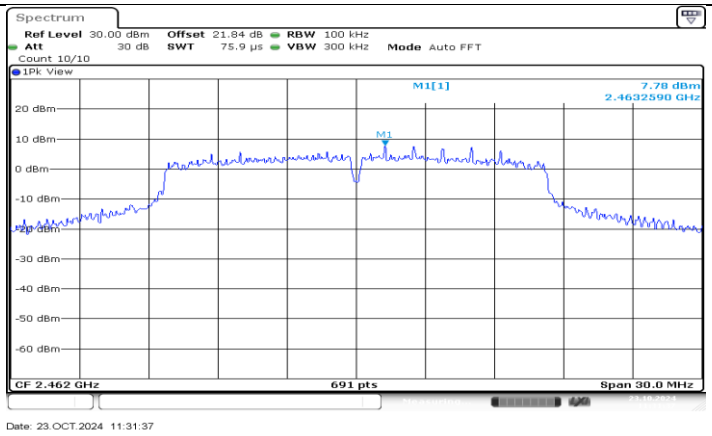

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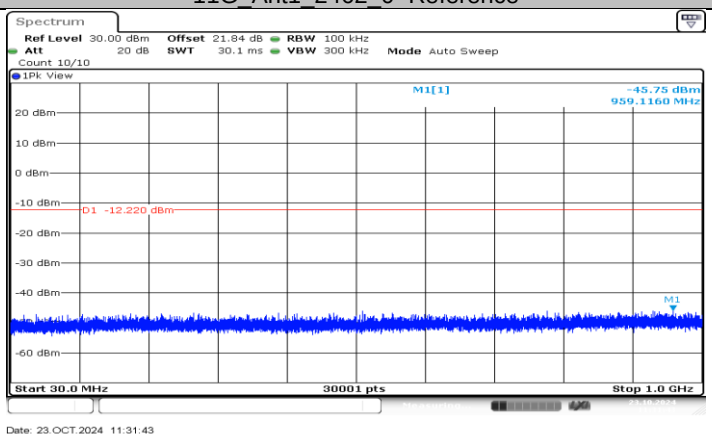

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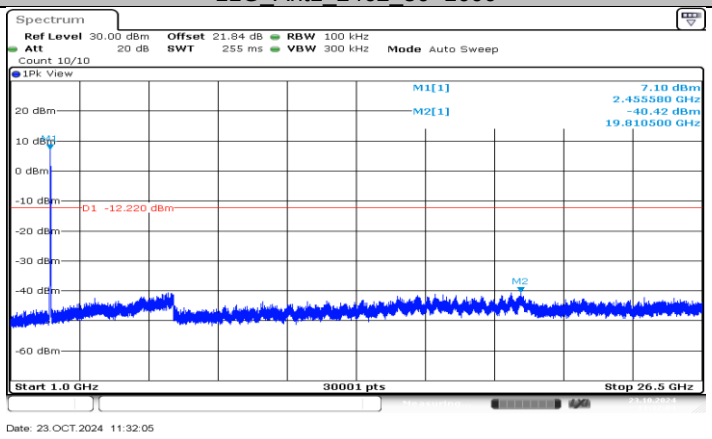

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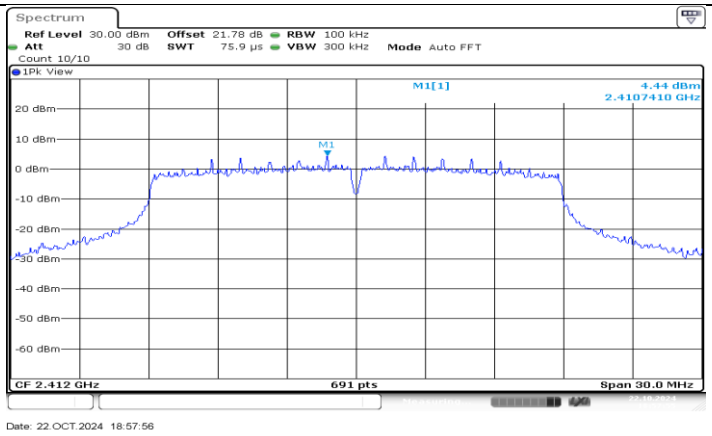

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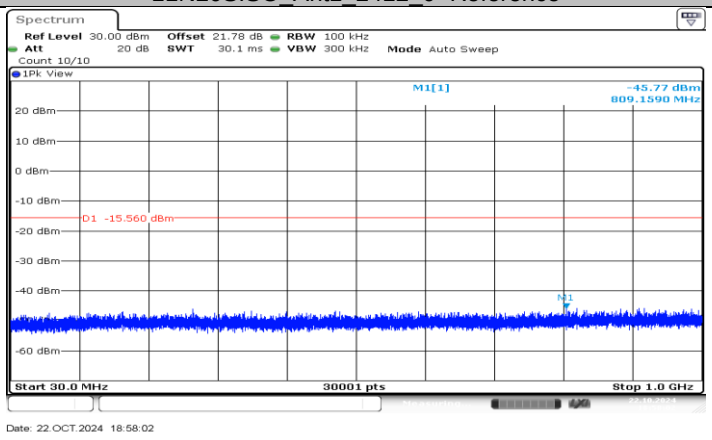

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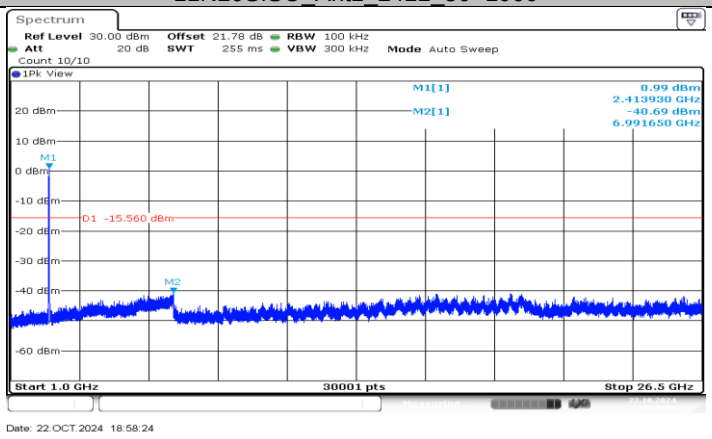

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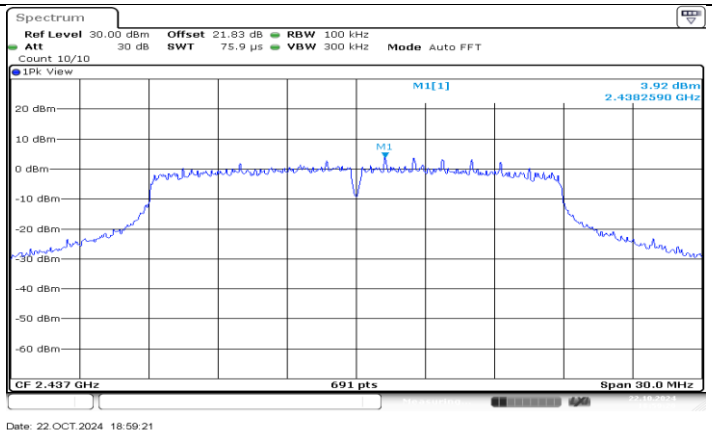

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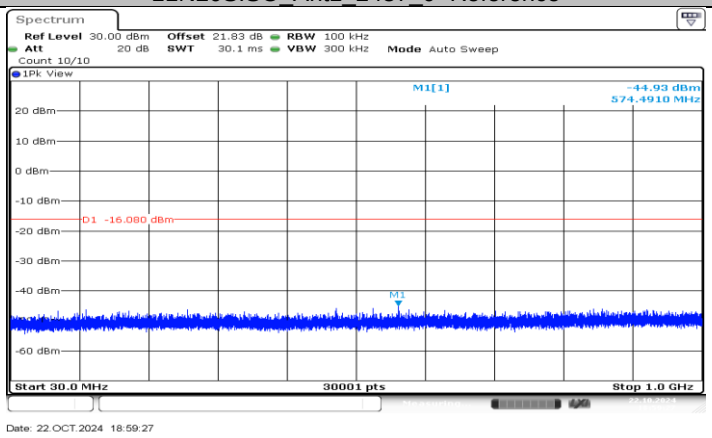

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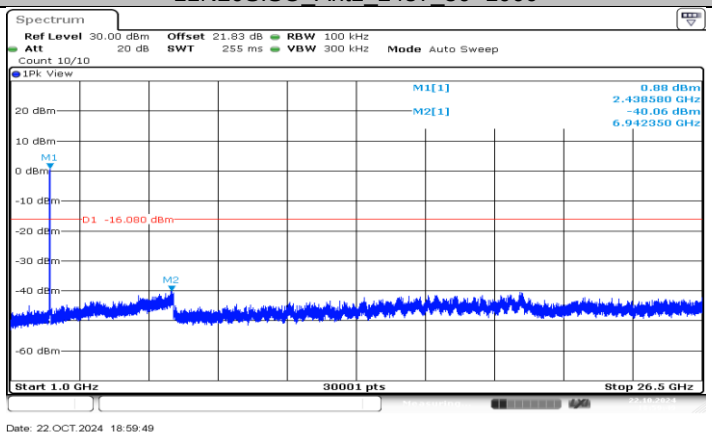

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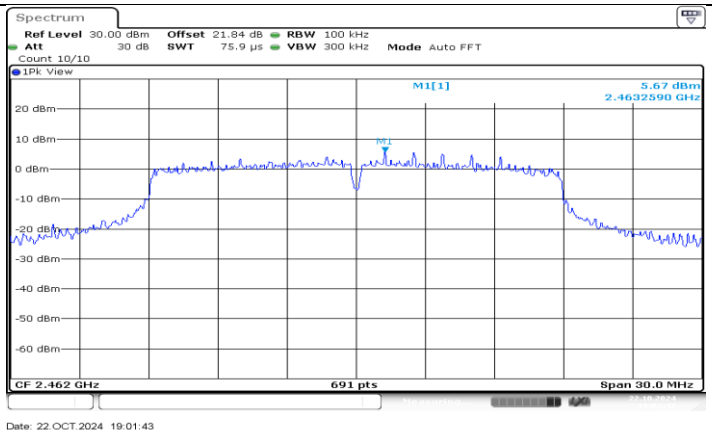

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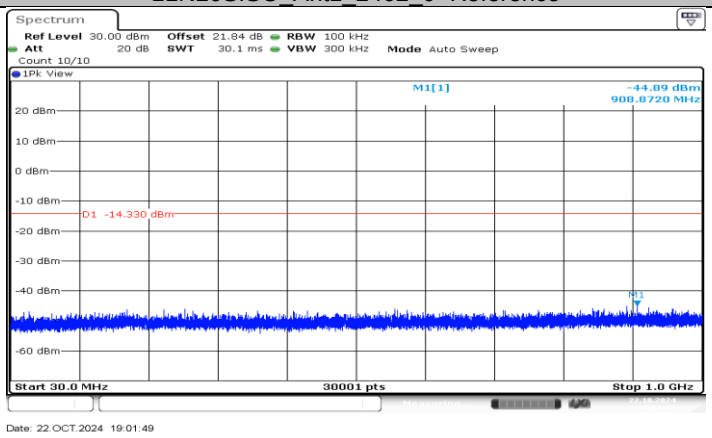

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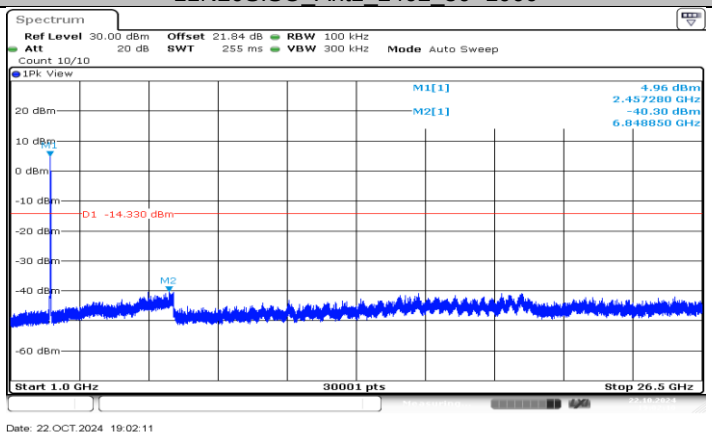

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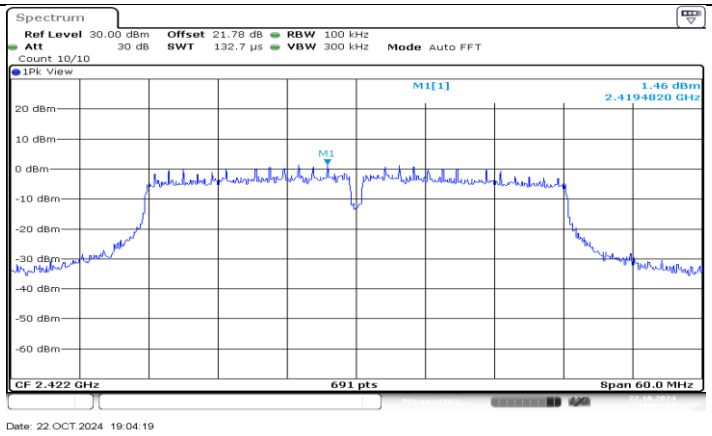

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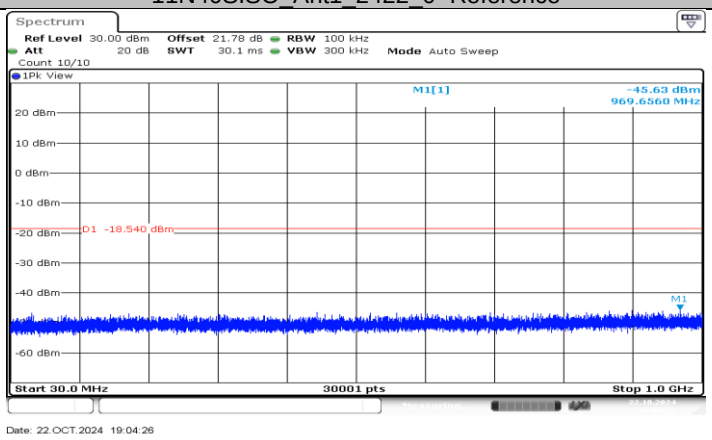

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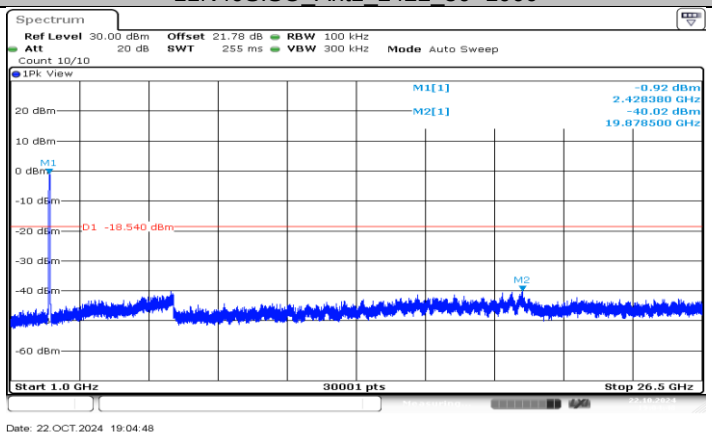

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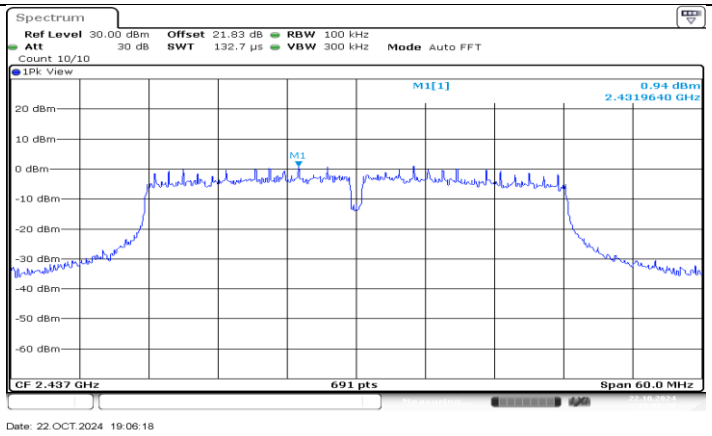

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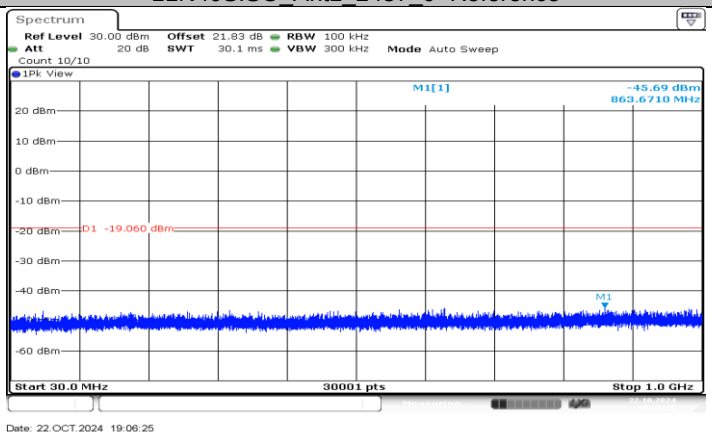

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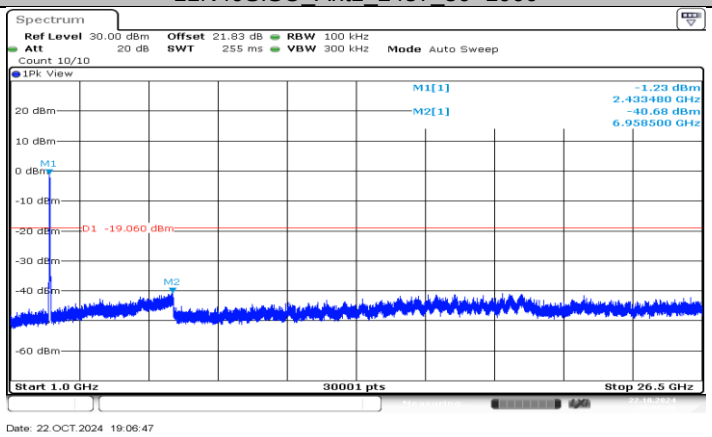

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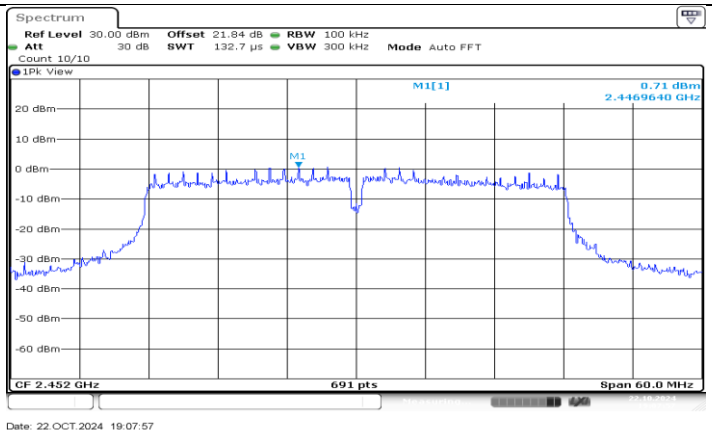

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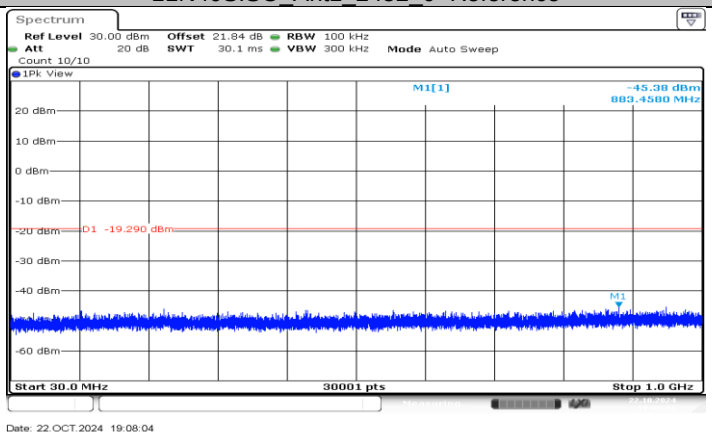

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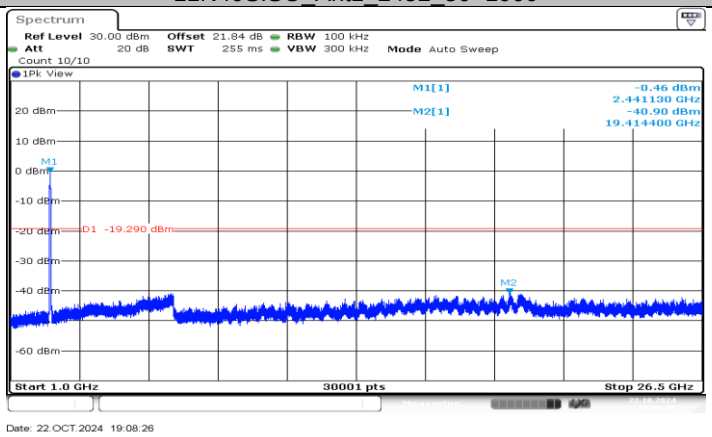

11N40SISO_Ant1_2452_1000~26500

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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	8.40	8.64	0.9722	97.22	0.12	0.12	1
11G	1.39	1.57	0.8854	88.54	0.53	0.72	1
11N20SISO	1.30	1.49	0.8725	87.25	0.59	0.77	1
11N40SISO	0.65	0.88	0.7386	73.86	1.32	1.54	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.

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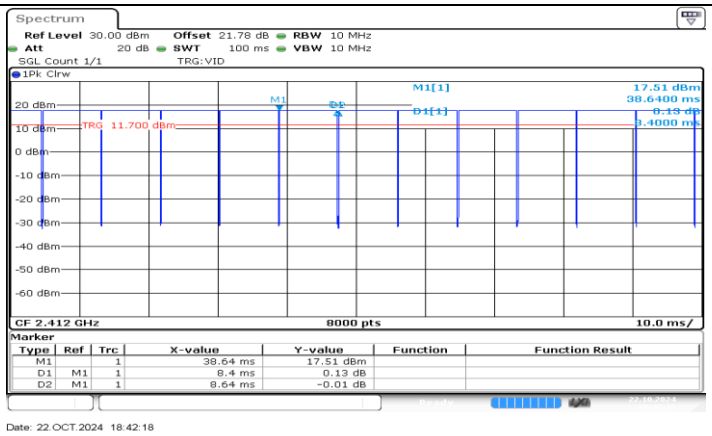
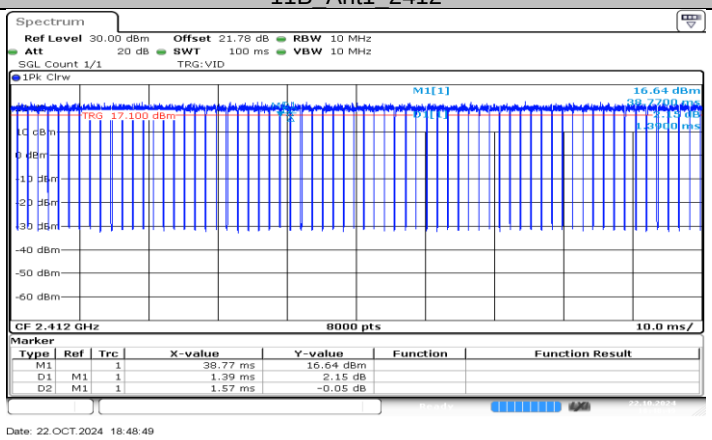
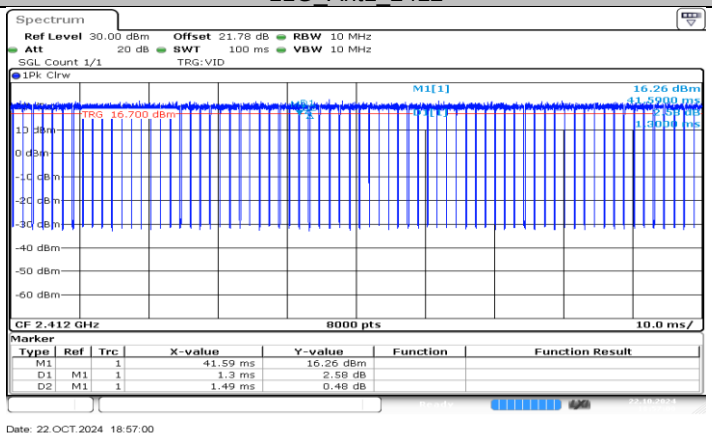
11.7.2. Test Graphs



11B_Ant1_2412



11G_Ant1_2412



11N20SISO_Ant1_2412

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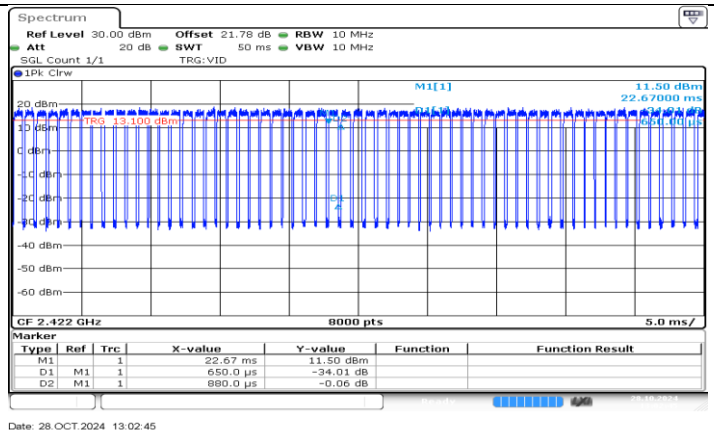

11N40SISO_Ant1_2422

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