11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	2412	14.10	≤30.00	PASS
	Ant1	2412	14.01	≤30.00	PASS
	Ant0	2437	14.38	≤30.00	PASS
	Ant1	2437	14.38	≤30.00	PASS
	Ant0	2462	14.17	≤30.00	PASS
	Ant1	2462	14.08	≤30.00	PASS
11G	Ant0	2412	11.72	≤30.00	PASS
	Ant1	2412	11.88	≤30.00	PASS
	Ant0	2437	11.64	≤30.00	PASS
	Ant1	2437	11.92	≤30.00	PASS
	Ant0	2462	11.61	≤30.00	PASS
	Ant1	2462	11.82	≤30.00	PASS
11N20MIMO	Ant0	2412	14.74	≤30.00	PASS
	Ant1	2412	14.63	≤30.00	PASS
	total	2412	17.70	≤30.00	PASS
	Ant0	2437	14.71	≤30.00	PASS
	Ant1	2437	14.47	≤30.00	PASS
	total	2437	17.60	≤30.00	PASS
	Ant0	2462	14.68	≤30.00	PASS
	Ant1	2462	14.51	≤30.00	PASS
	total	2462	17.61	≤30.00	PASS
11N40MIMO	Ant0	2422	12.64	≤30.00	PASS
	Ant1	2422	12.48	≤30.00	PASS
	total	2422	15.57	≤30.00	PASS
	Ant0	2437	12.60	≤30.00	PASS
	Ant1	2437	12.43	≤30.00	PASS
	total	2437	15.53	≤30.00	PASS
	Ant0	2452	12.73	≤30.00	PASS
	Ant1	2452	12.53	≤30.00	PASS
	total	2452	15.64	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

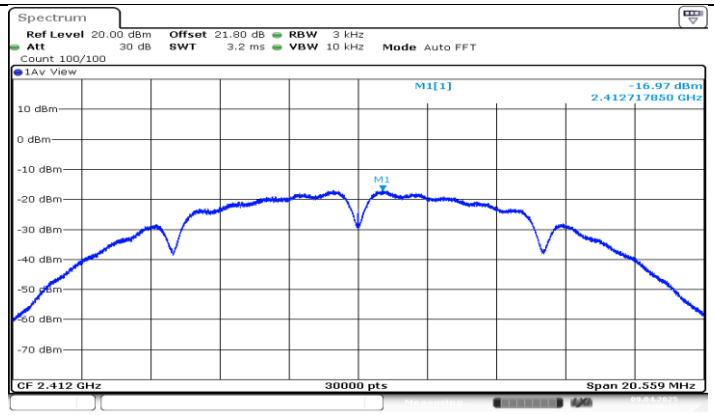
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

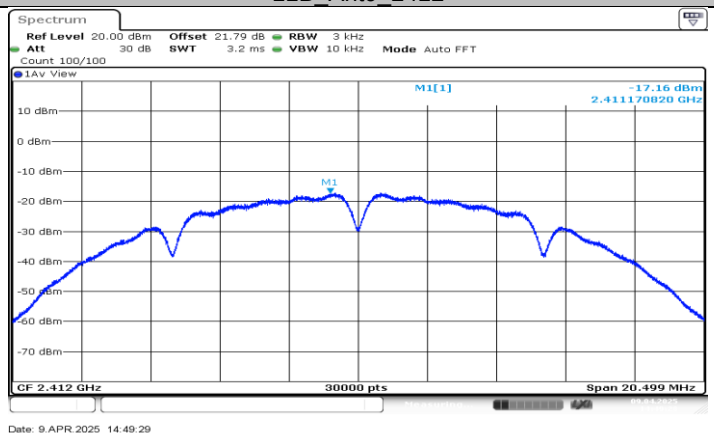
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-16.97	≤8.00	PASS
	Ant1	2412	-17.16	≤8.00	PASS
	Ant0	2437	-16.82	≤8.00	PASS
	Ant1	2437	-16.81	≤8.00	PASS
	Ant0	2462	-17.04	≤8.00	PASS
	Ant1	2462	-16.91	≤8.00	PASS
11G	Ant0	2412	-20.91	≤8.00	PASS
	Ant1	2412	-20.78	≤8.00	PASS
	Ant0	2437	-20.68	≤8.00	PASS
	Ant1	2437	-20.88	≤8.00	PASS
	Ant0	2462	-21.10	≤8.00	PASS
	Ant1	2462	-20.93	≤8.00	PASS
11N20MIMO	Ant0	2412	-17.68	≤8.00	PASS
	Ant1	2412	-17.32	≤8.00	PASS
	total	2412	-14.49	≤8.00	PASS
	Ant0	2437	-18.09	≤8.00	PASS
	Ant1	2437	-18.16	≤8.00	PASS
	total	2437	-15.11	≤8.00	PASS
	Ant0	2462	-17.74	≤8.00	PASS
	Ant1	2462	-17.67	≤8.00	PASS
	total	2462	-14.69	≤8.00	PASS
11N40MIMO	Ant0	2422	-21.30	≤8.00	PASS
	Ant1	2422	-21.99	≤8.00	PASS
	total	2422	-18.62	≤8.00	PASS
	Ant0	2437	-20.85	≤8.00	PASS
	Ant1	2437	-21.26	≤8.00	PASS
	total	2437	-18.04	≤8.00	PASS
	Ant0	2452	-21.23	≤8.00	PASS
	Ant1	2452	-21.20	≤8.00	PASS
	total	2452	-18.20	≤8.00	PASS

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

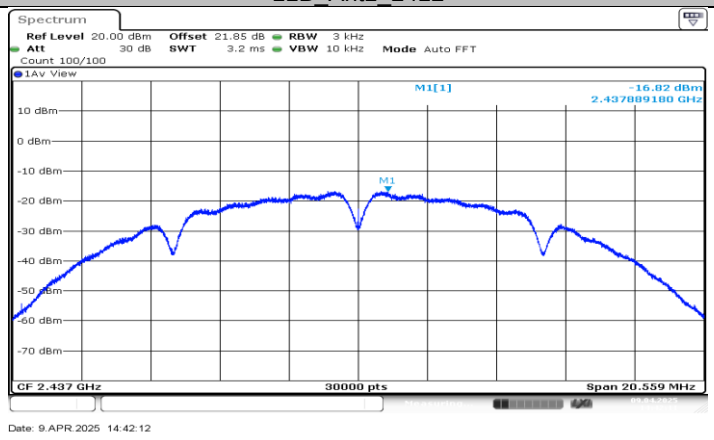
11.4.2. Test Graphs



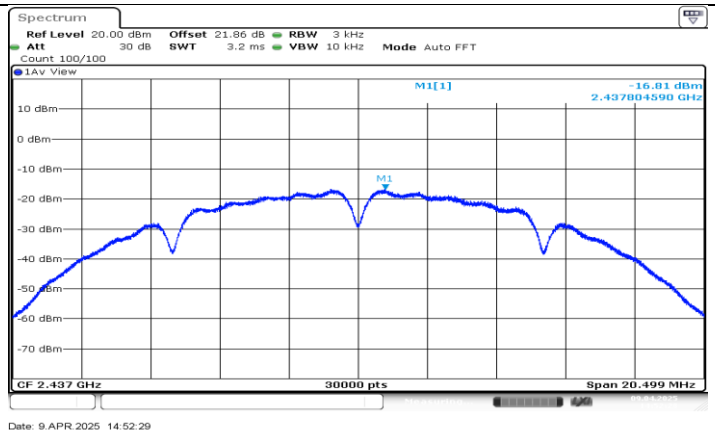
11B_Ant0_2412



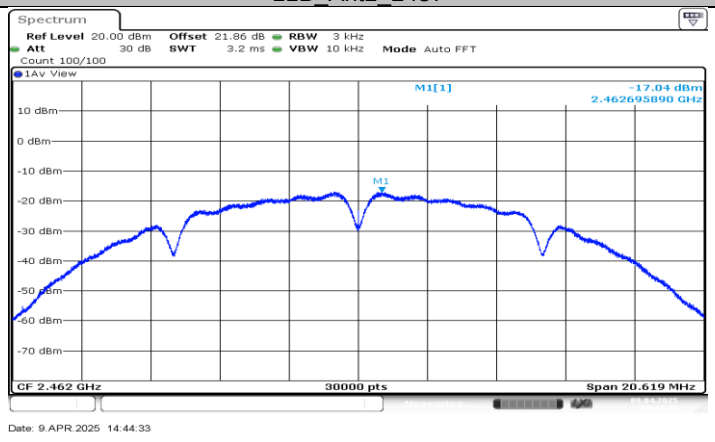
11B_Ant1_2412



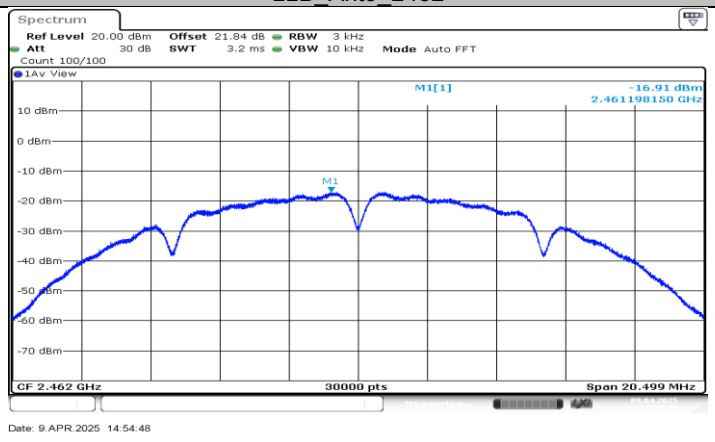
11B_Ant0_2437



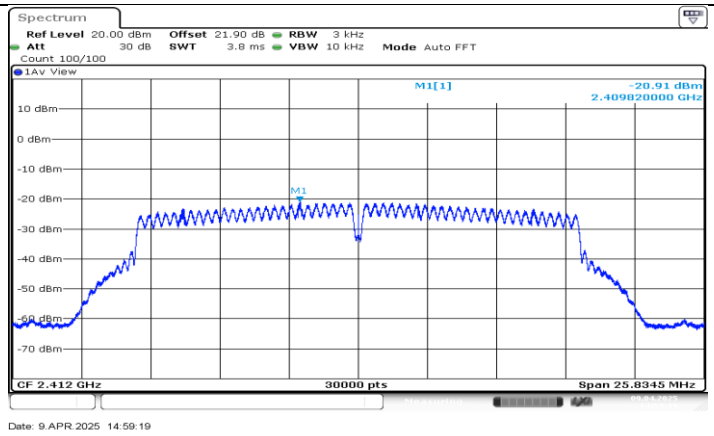
11B_Ant1_2437



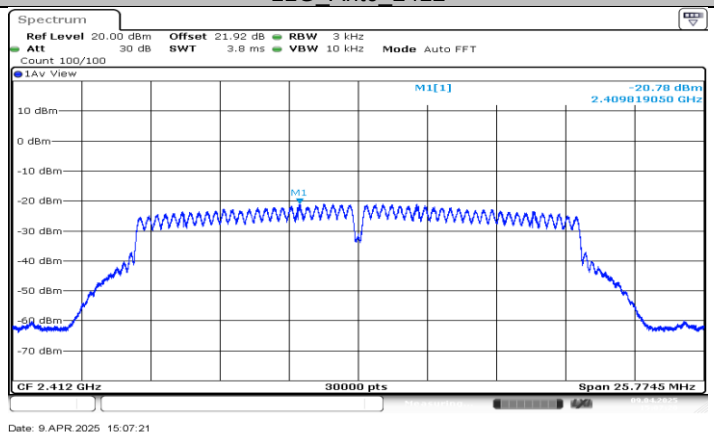
11B_Ant0_2462



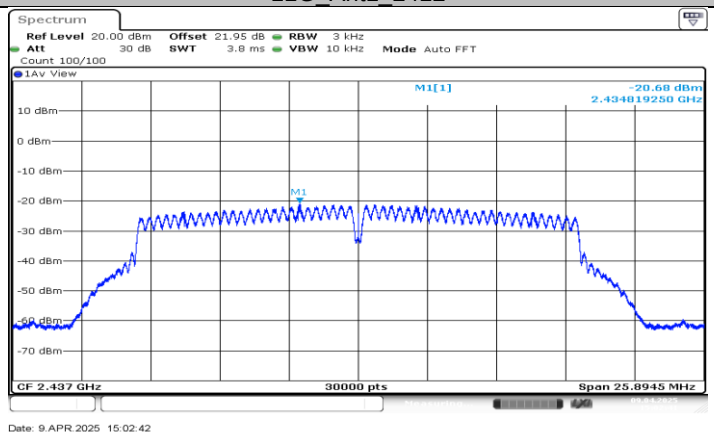
11B_Ant1_2462



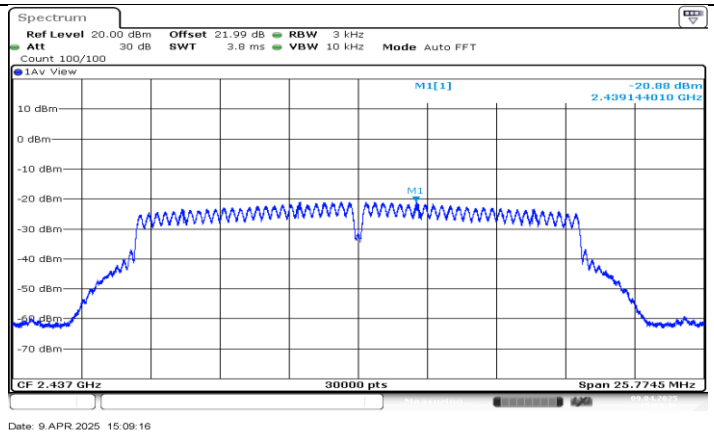
11G_Ant0_2412



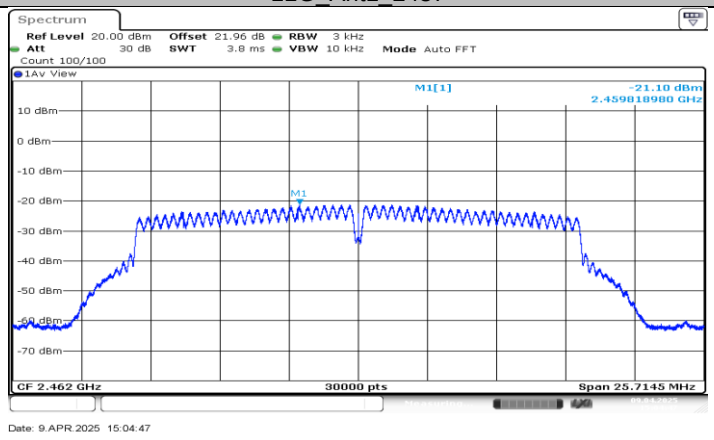
11G_Ant1_2412



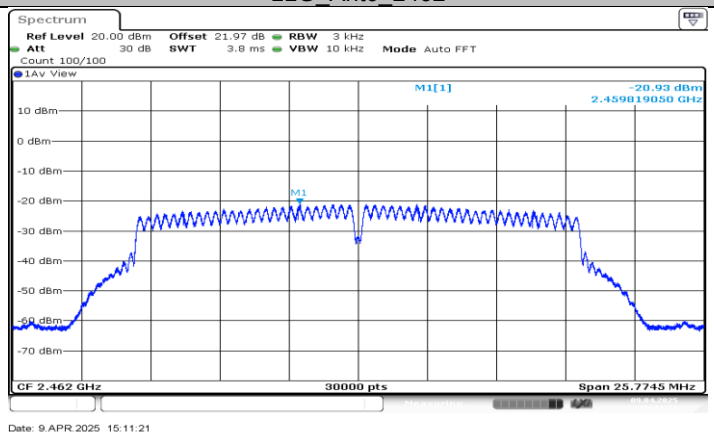
11G_Ant0_2437



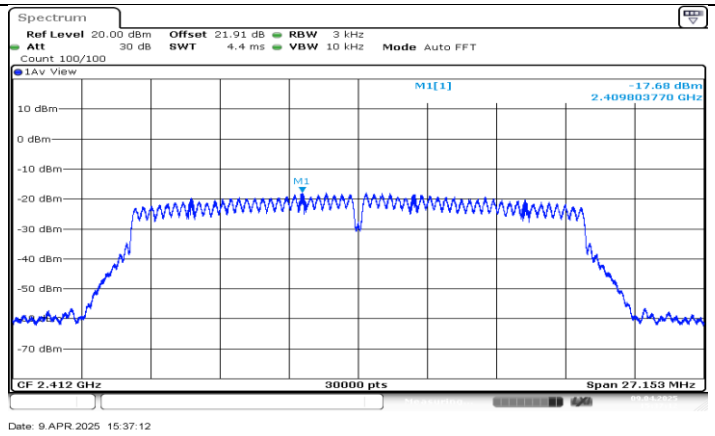
11G_Ant1_2437



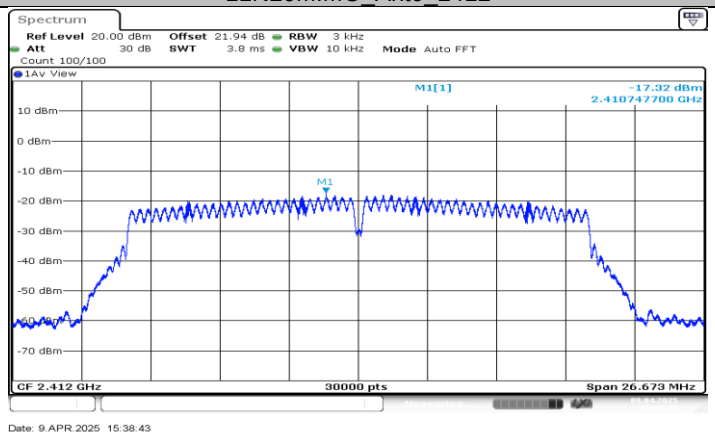
11G_Ant0_2462



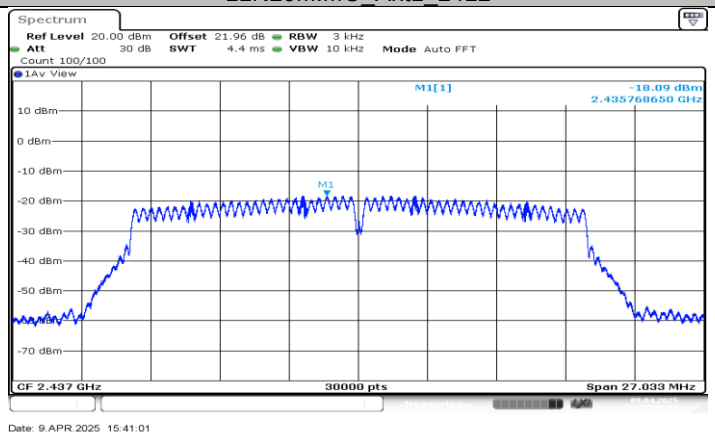
11G_Ant1_2462



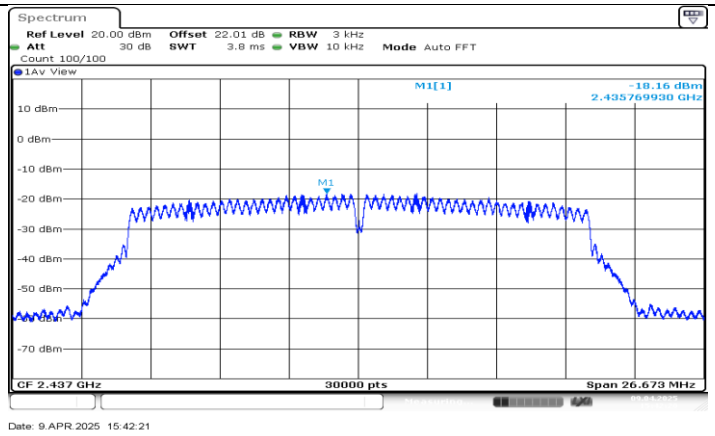
11N20MIMO_Ant0_2412



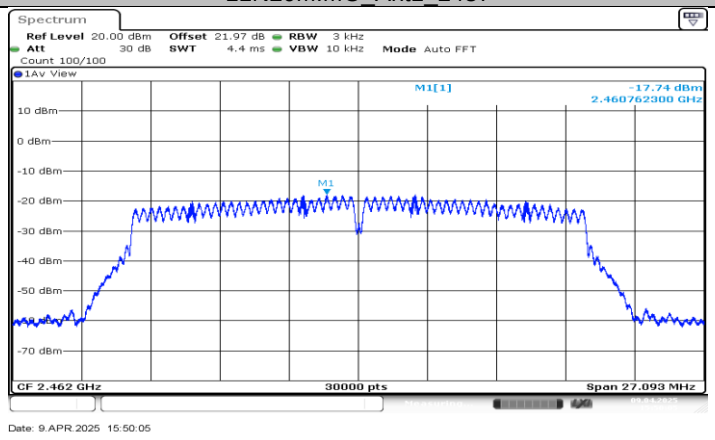
11N20MIMO_Ant1_2412



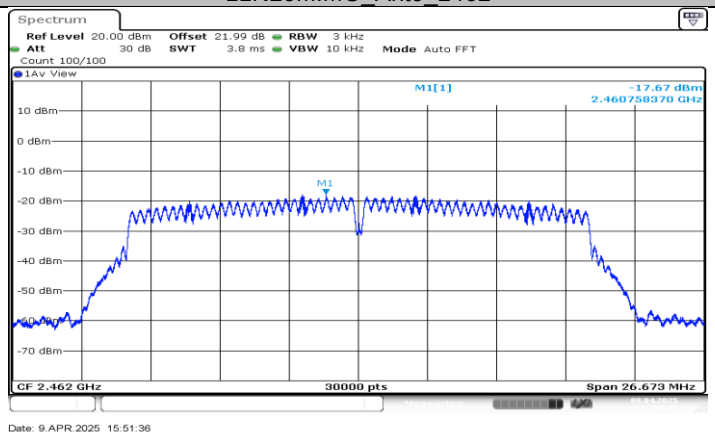
11N20MIMO_Ant0_2437



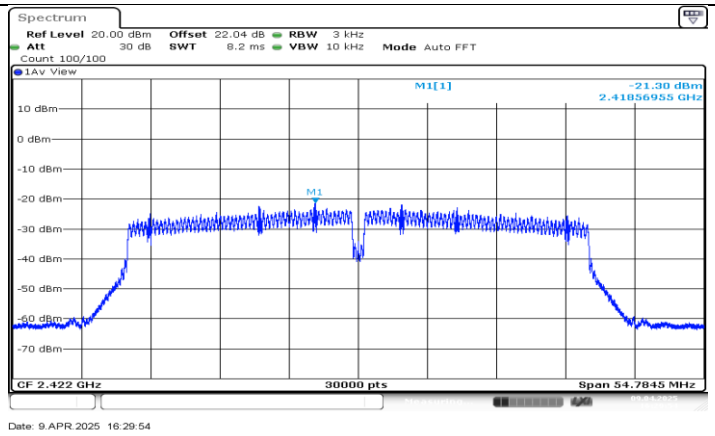
11N20MIMO_Ant1_2437



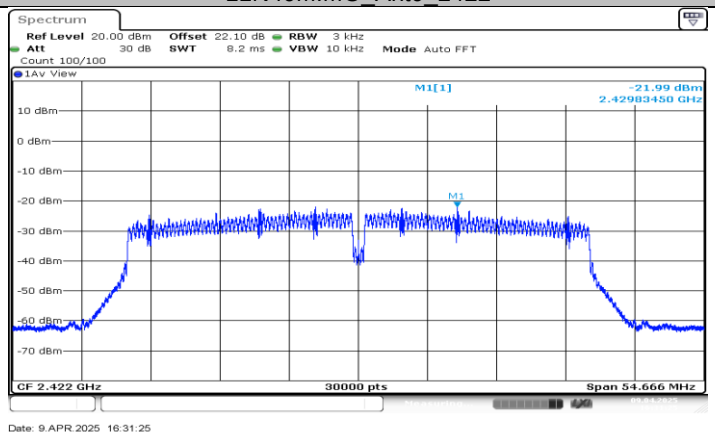
11N20MIMO_Ant0_2462



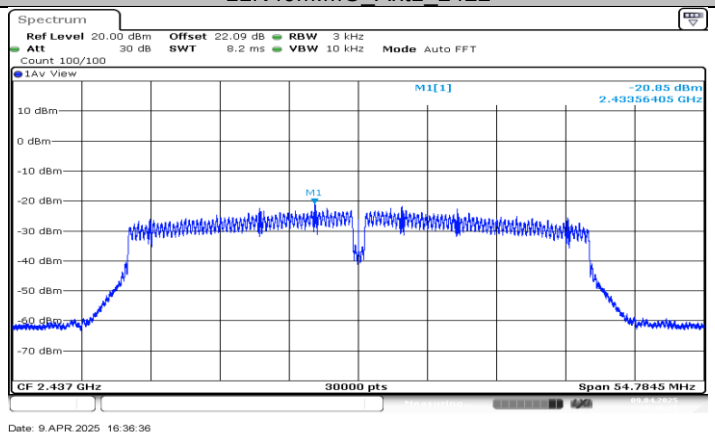
11N20MIMO_Ant1_2462



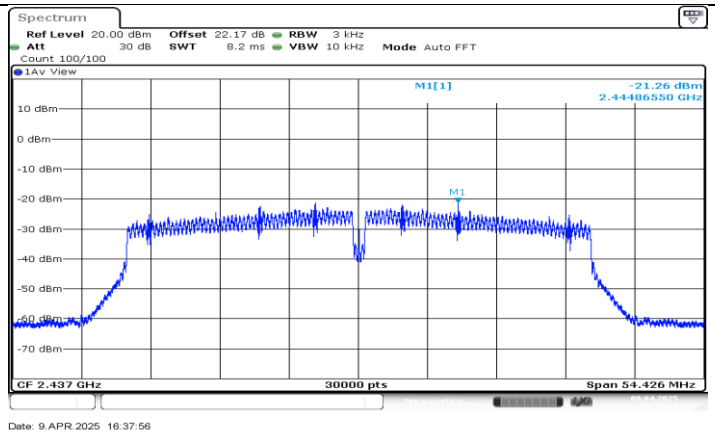
11N40MIMO_Ant0_2422



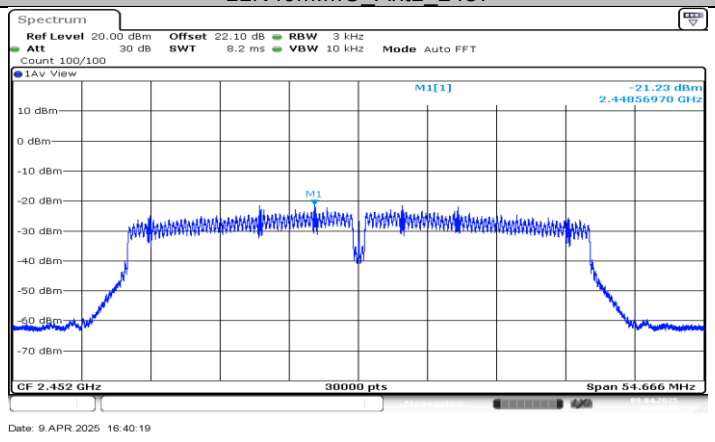
11N40MIMO_Ant1_2422



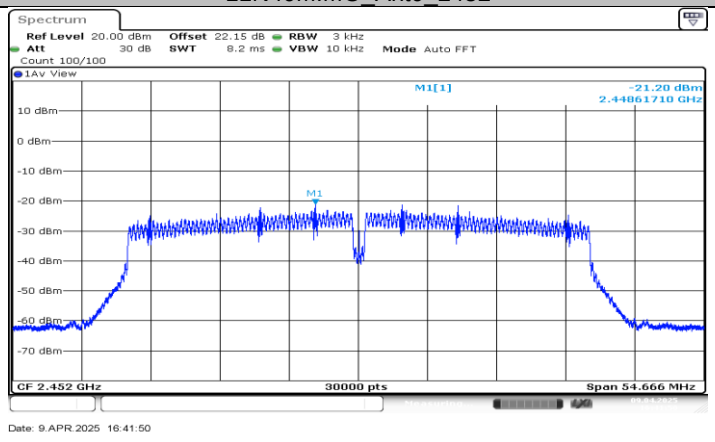
11N40MIMO_Ant0_2437



11N40MIMO_Ant1_2437



11N40MIMO_Ant0_2452



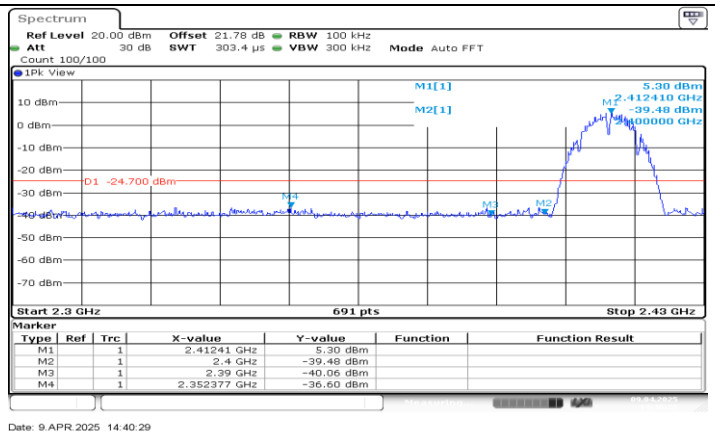
11N40MIMO_Ant1_2452

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

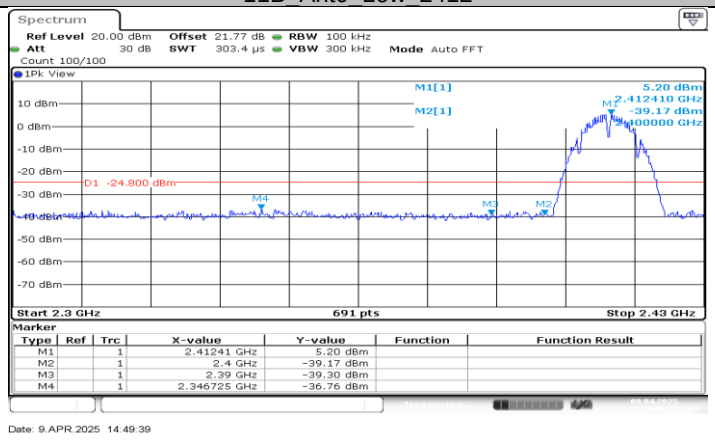
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	5.30	-36.6	≤-24.7	PASS
	Ant1	Low	2412	5.20	-36.76	≤-24.8	PASS
	Ant0	High	2462	5.52	-36.86	≤-24.48	PASS
	Ant1	High	2462	5.82	-37.26	≤-24.18	PASS
11G	Ant0	Low	2412	1.40	-35.96	≤-28.6	PASS
	Ant1	Low	2412	1.46	-36.63	≤-28.54	PASS
	Ant0	High	2462	1.75	-36.76	≤-28.25	PASS
	Ant1	High	2462	1.87	-35.81	≤-28.13	PASS
11N20MIMO	Ant0	Low	2412	4.34	-35.95	≤-25.66	PASS
	Ant1	Low	2412	4.72	-36.36	≤-25.28	PASS
	Ant0	High	2462	3.03	-36.69	≤-26.97	PASS
	Ant1	High	2462	4.55	-36.64	≤-25.45	PASS
11N40MIMO	Ant0	Low	2422	-0.01	-36.09	≤-30.01	PASS
	Ant1	Low	2422	-0.44	-36.97	≤-30.44	PASS
	Ant0	High	2452	0.14	-36.1	≤-29.86	PASS
	Ant1	High	2452	0.32	-36.65	≤-29.68	PASS

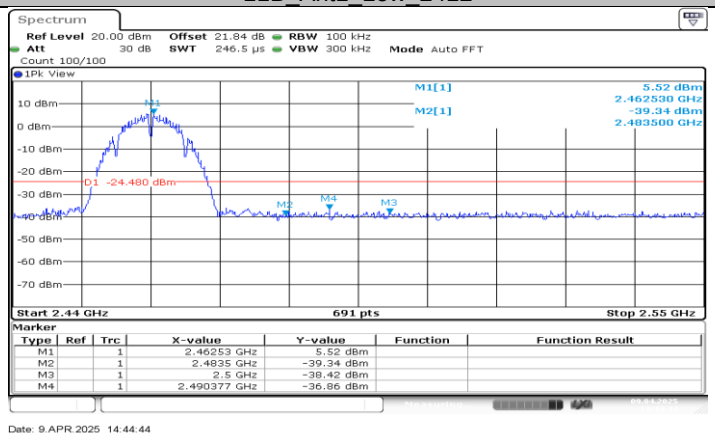
11.5.2. Test Graphs



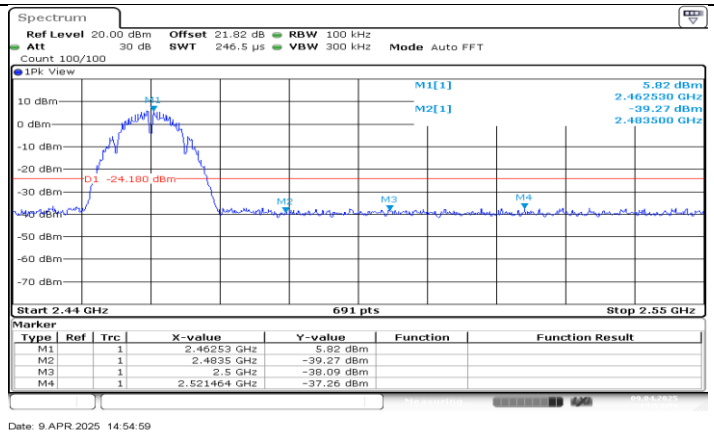
11B_Ant0_Low_2412



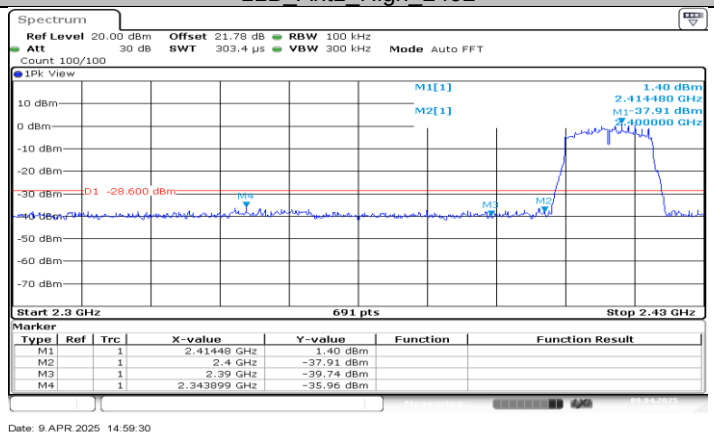
11B_Ant1_Low_2412



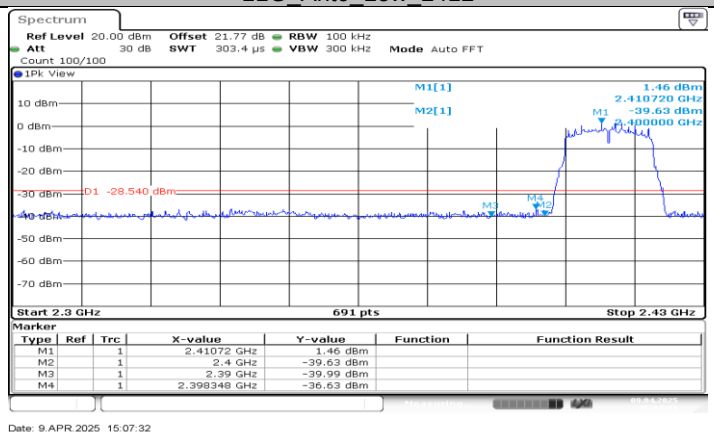
11B_Ant0_High_2462



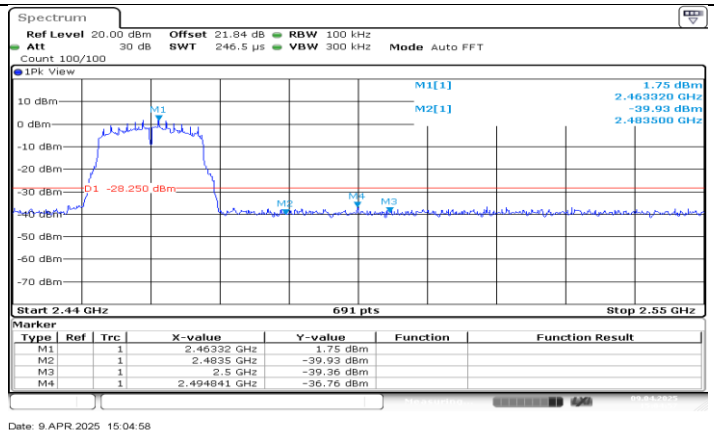
11B_Ant1_High_2462



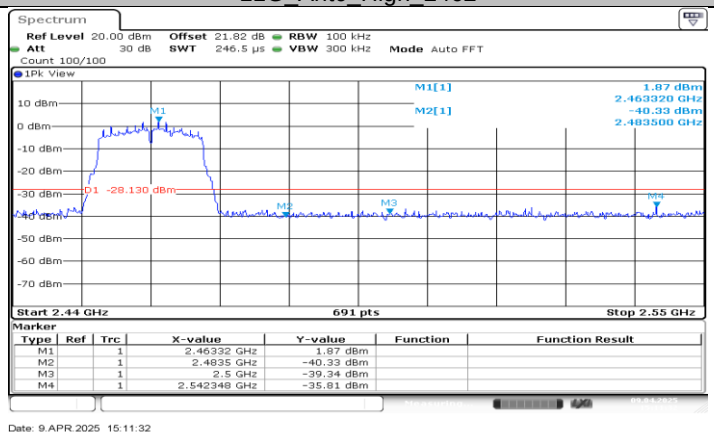
11G_Ant0_Low_2412



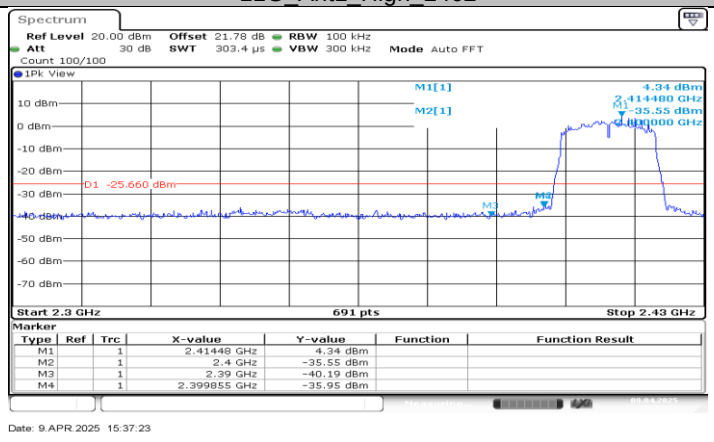
11G_Ant1_Low_2412



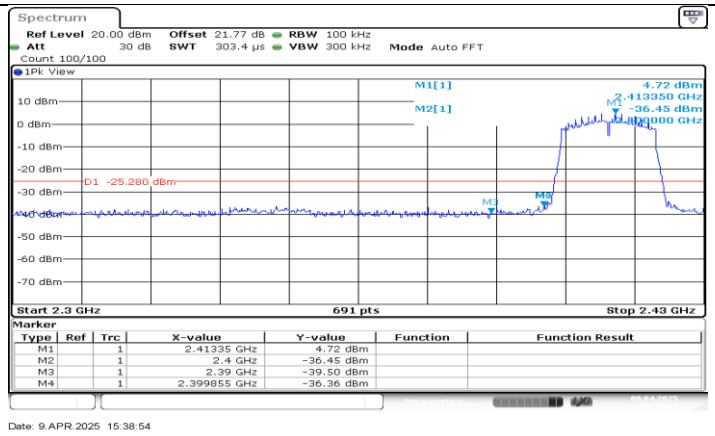
11G_Ant0_High_2462



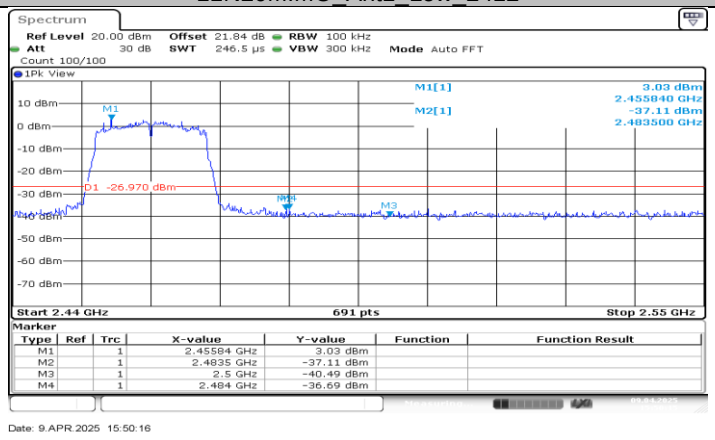
11G_Ant1_High_2462



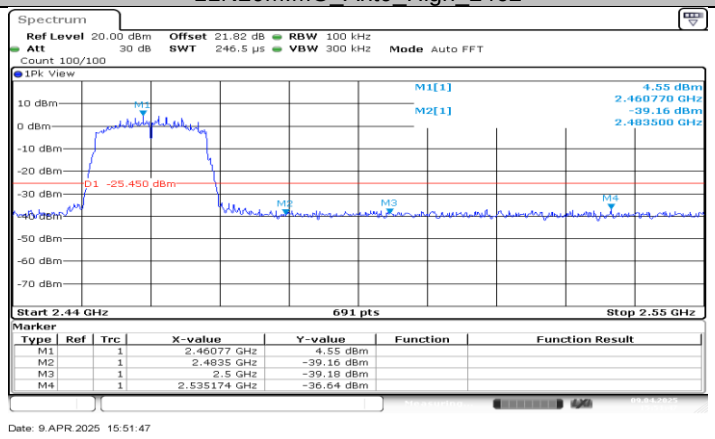
11N20MIMO_Ant0_Low_2412



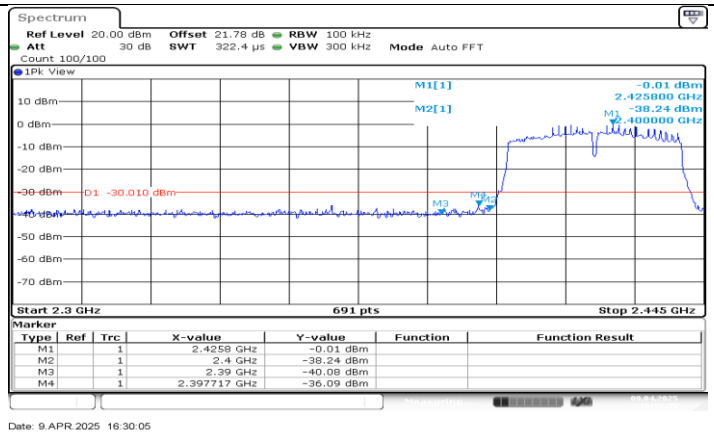
11N20MIMO_Ant1_Low_2412



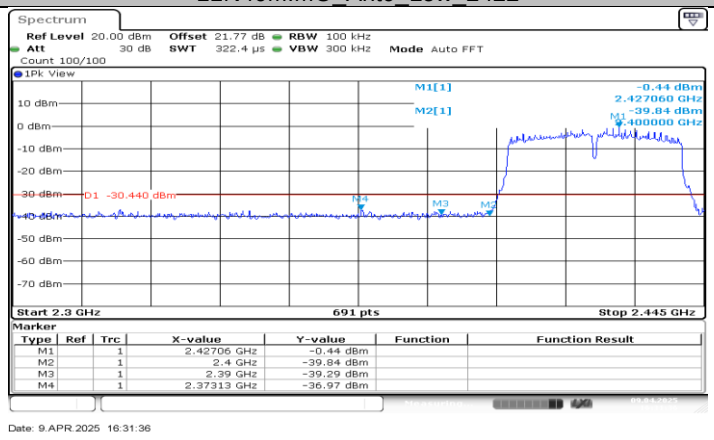
11N20MIMO_Ant0_High_2462



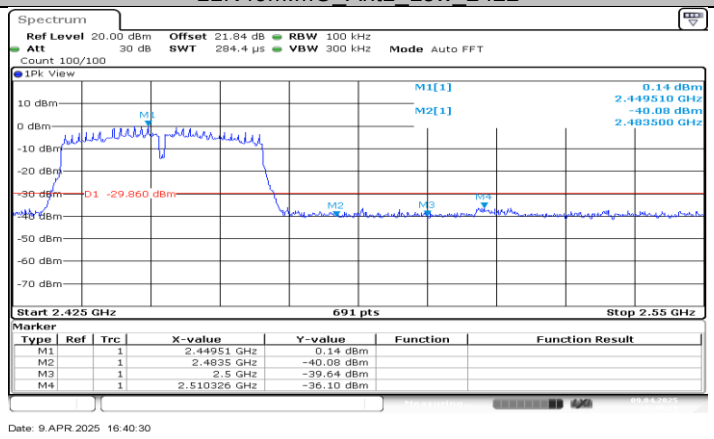
11N20MIMO_Ant1_High_2462



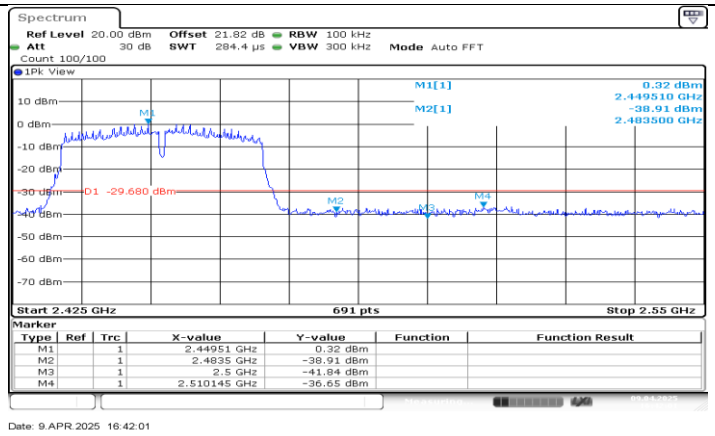
11N40MIMO_Ant0_Low_2422



11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant0_High_2452



11N40MIMO_Ant1_High_2452

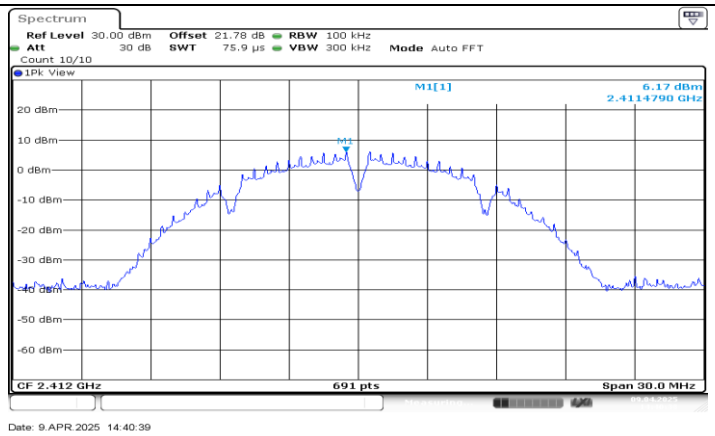
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

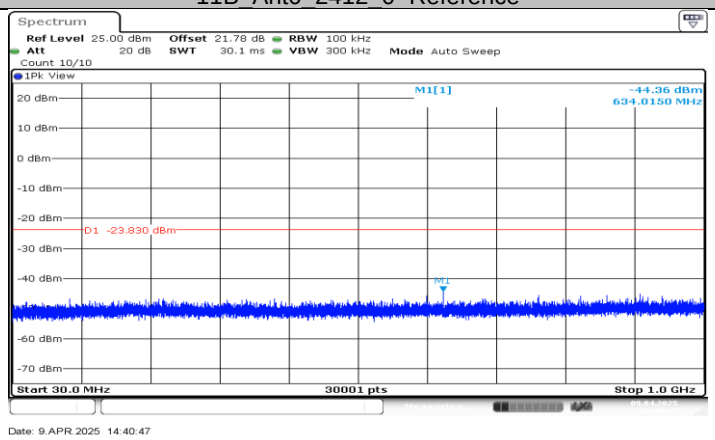
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	6.17	---	PASS
			30~1000	-44.36	≤-23.83	PASS
			1000~26500	-40.81	≤-23.83	PASS
	Ant1	2412	Reference	6.04	---	PASS
			30~1000	-45.62	≤-23.96	PASS
			1000~26500	-39.98	≤-23.96	PASS
	Ant0	2437	Reference	6.54	---	PASS
			30~1000	-44.84	≤-23.46	PASS
			1000~26500	-40.96	≤-23.46	PASS
	Ant1	2437	Reference	6.73	---	PASS
			30~1000	-45.68	≤-23.27	PASS
			1000~26500	-39.45	≤-23.27	PASS
	Ant0	2462	Reference	6.08	---	PASS
			30~1000	-45.76	≤-23.92	PASS
			1000~26500	-40.22	≤-23.92	PASS
	Ant1	2462	Reference	6.44	---	PASS
			30~1000	-45.76	≤-23.56	PASS
			1000~26500	-40.06	≤-23.56	PASS
11G	Ant0	2412	Reference	1.93	---	PASS
			30~1000	-45.54	≤-28.07	PASS
			1000~26500	-40.64	≤-28.07	PASS
	Ant1	2412	Reference	1.86	---	PASS
			30~1000	-45.93	≤-28.14	PASS
			1000~26500	-40.57	≤-28.14	PASS
	Ant0	2437	Reference	1.84	---	PASS
			30~1000	-45.3	≤-28.16	PASS
			1000~26500	-40.27	≤-28.16	PASS
	Ant1	2437	Reference	2.05	---	PASS
			30~1000	-45.4	≤-27.95	PASS
			1000~26500	-40.12	≤-27.95	PASS
	Ant0	2462	Reference	1.84	---	PASS
			30~1000	-45.75	≤-28.16	PASS
			1000~26500	-39.98	≤-28.16	PASS
	Ant1	2462	Reference	1.82	---	PASS
			30~1000	-45.75	≤-28.18	PASS
			1000~26500	-40.16	≤-28.18	PASS
11N20MIMO	Ant0	2412	Reference	4.94	---	PASS
			30~1000	-46.04	≤-25.06	PASS
			1000~26500	-40.61	≤-25.06	PASS
	Ant1	2412	Reference	4.57	---	PASS
			30~1000	-45.36	≤-25.43	PASS
			1000~26500	-39.97	≤-25.43	PASS
	Ant0	2437	Reference	5.27	---	PASS
			30~1000	-45.94	≤-24.73	PASS
			1000~26500	-39.81	≤-24.73	PASS
	Ant1	2437	Reference	4.72	---	PASS
			30~1000	-45.6	≤-25.28	PASS
			1000~26500	-40.08	≤-25.28	PASS
	Ant0	2462	Reference	3.88	---	PASS
			30~1000	-45.51	≤-26.12	PASS
			1000~26500	-40.71	≤-26.12	PASS
	Ant1	2462	Reference	4.67	---	PASS
			30~1000	-46.12	≤-25.33	PASS
			1000~26500	-39.96	≤-25.33	PASS
11N40MIMO	Ant0	2422	Reference	0.09	---	PASS

			30~1000	-45.51	≤-29.91	PASS
			1000~26500	-40.27	≤-29.91	PASS
	Ant1	2422	Reference	0.05	---	PASS
			30~1000	-45.03	≤-29.95	PASS
			1000~26500	-40.88	≤-29.95	PASS
	Ant0	2437	Reference	0.42	---	PASS
			30~1000	-45.92	≤-29.58	PASS
			1000~26500	-40.65	≤-29.58	PASS
	Ant1	2437	Reference	0.22	---	PASS
			30~1000	-45.84	≤-29.78	PASS
			1000~26500	-40.16	≤-29.78	PASS
	Ant0	2452	Reference	-0.16	---	PASS
			30~1000	-45.27	≤-30.16	PASS
			1000~26500	-40.58	≤-30.16	PASS
	Ant1	2452	Reference	-0.28	---	PASS
			30~1000	-45.91	≤-30.28	PASS
			1000~26500	-40.27	≤-30.28	PASS

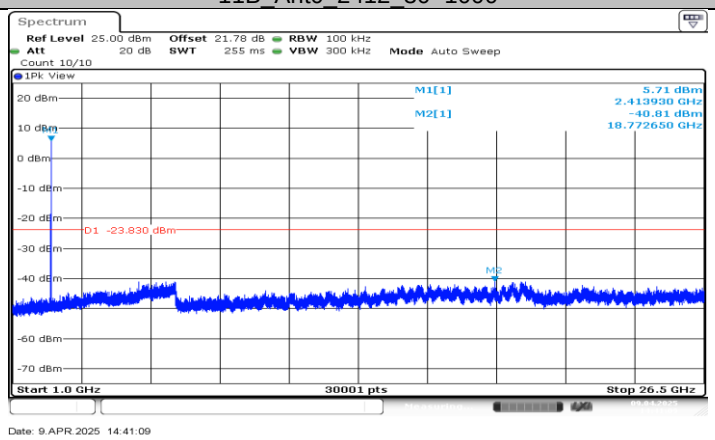
11.6.2. Test Graphs



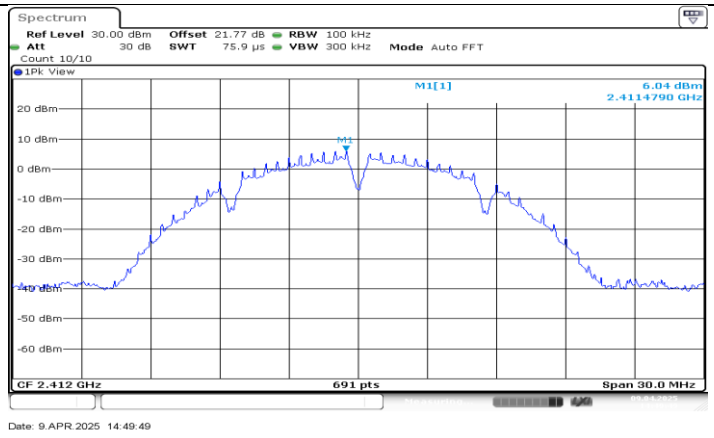
11B_Ant0_2412_0~Reference



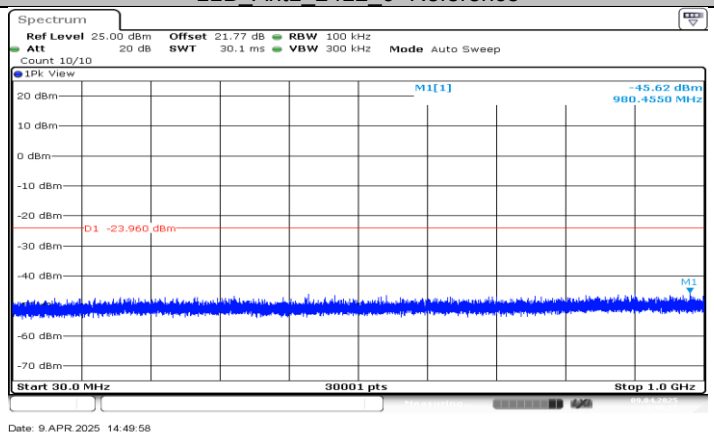
11B_Ant0_2412_30~1000



11B_Ant0_2412_1000~26500



11B_Ant1_2412_0~Reference



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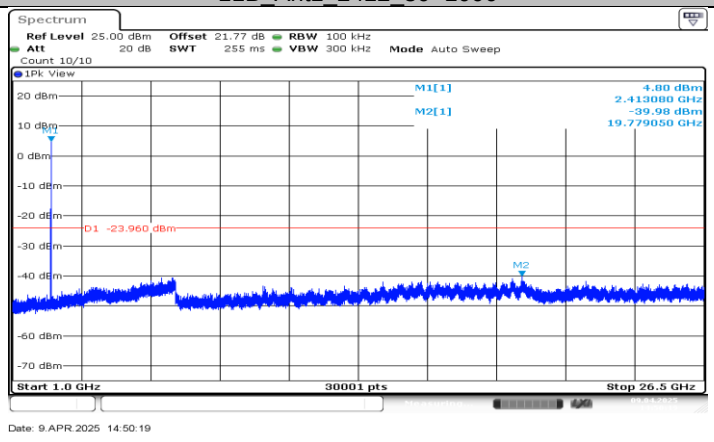

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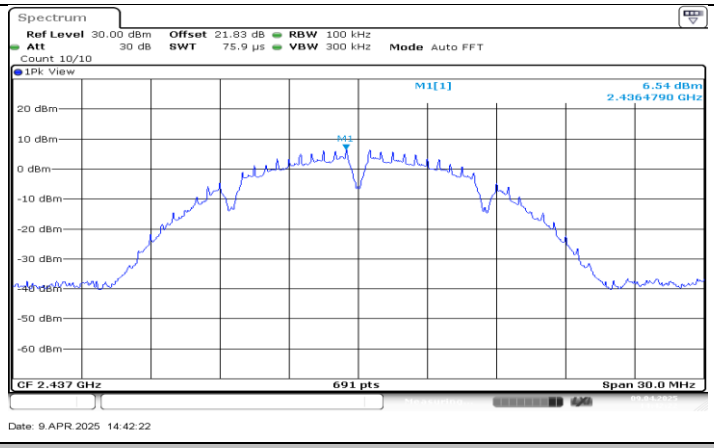

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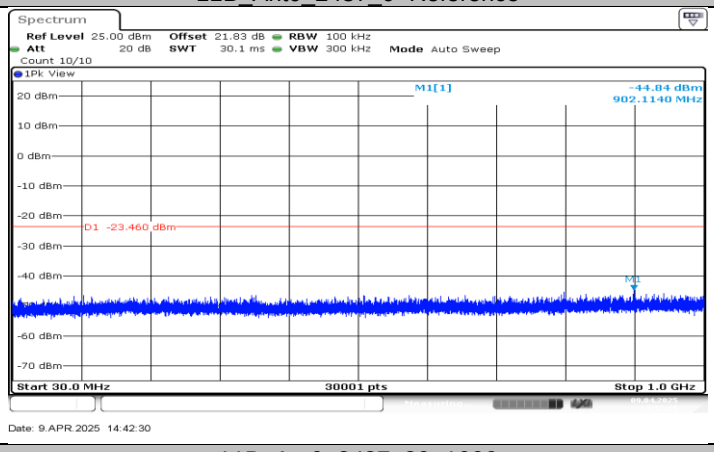

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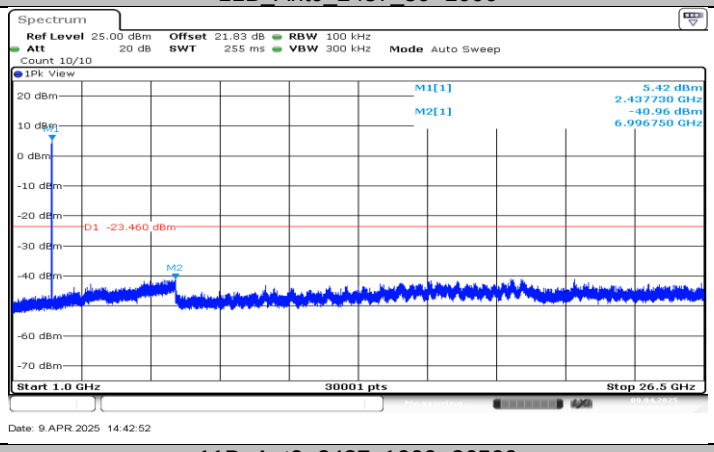

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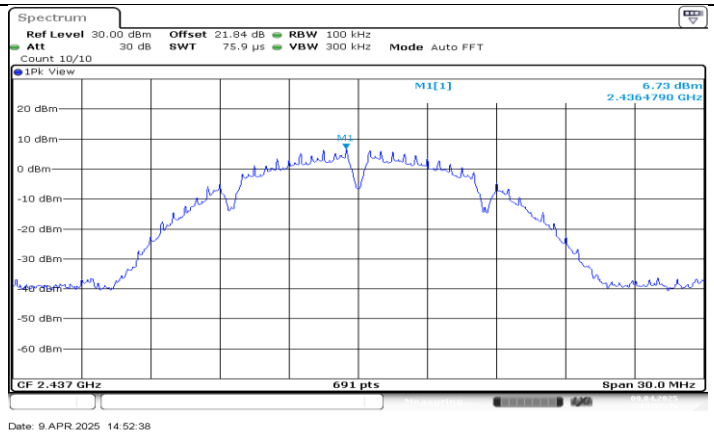

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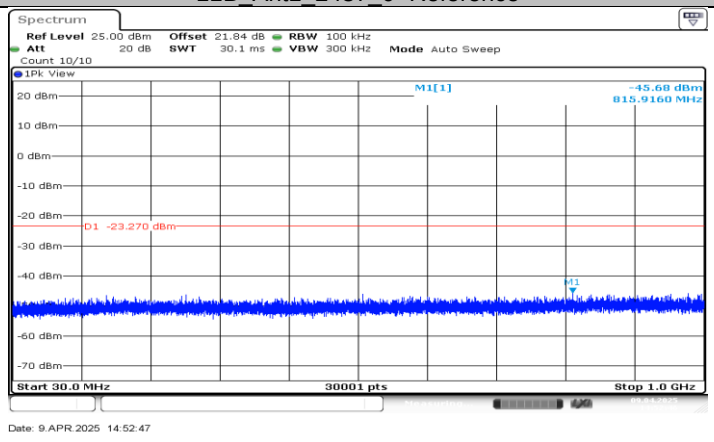

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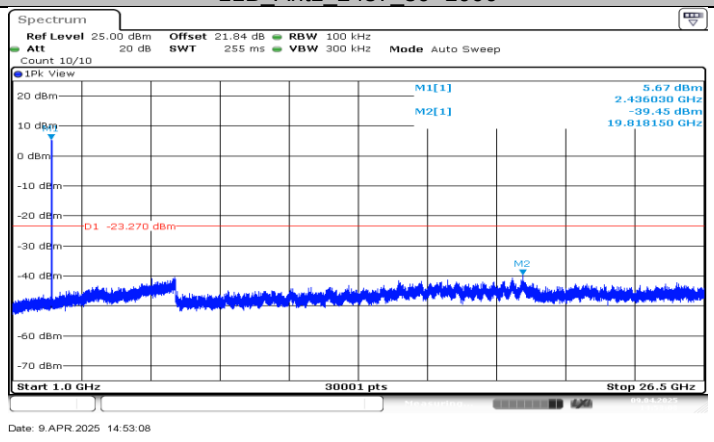

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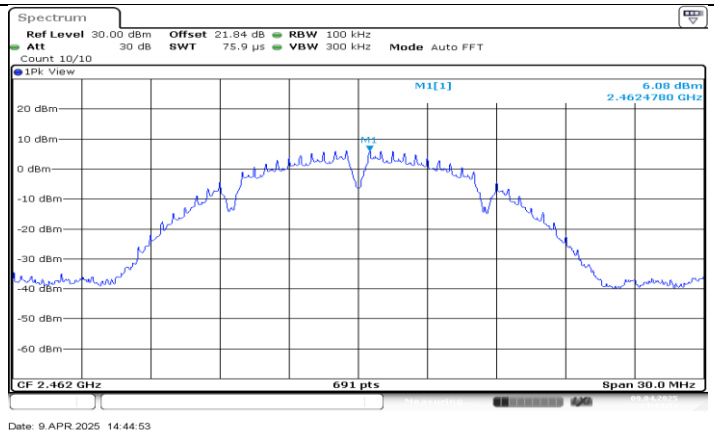
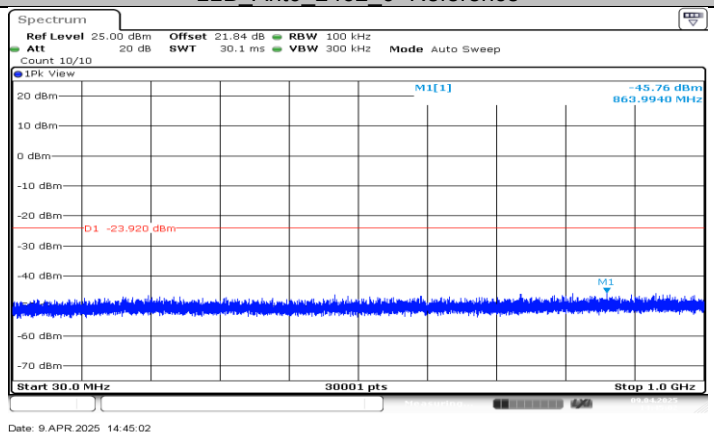


11B_Ant0_2462_0~Reference



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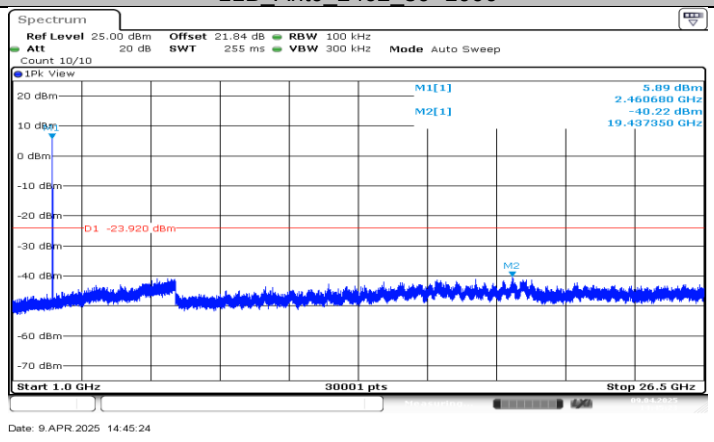
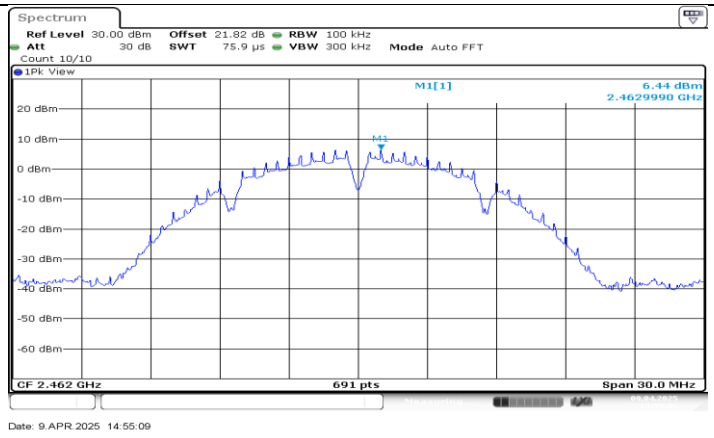


11B_Ant0_2462_1000~26500



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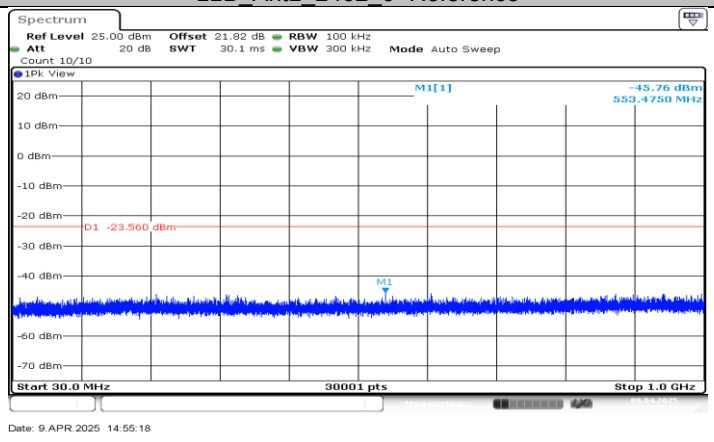
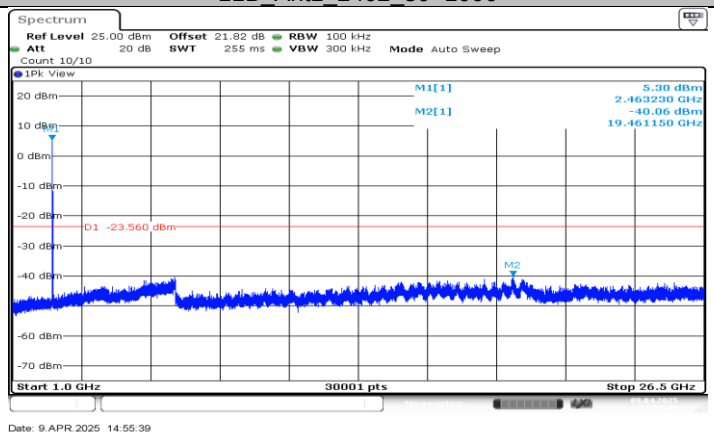
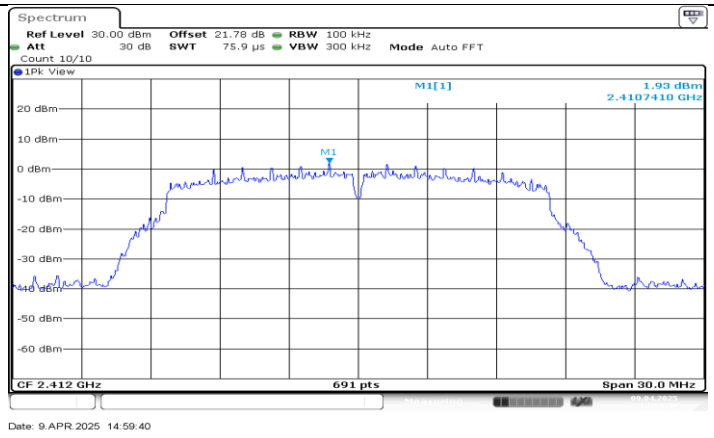


11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



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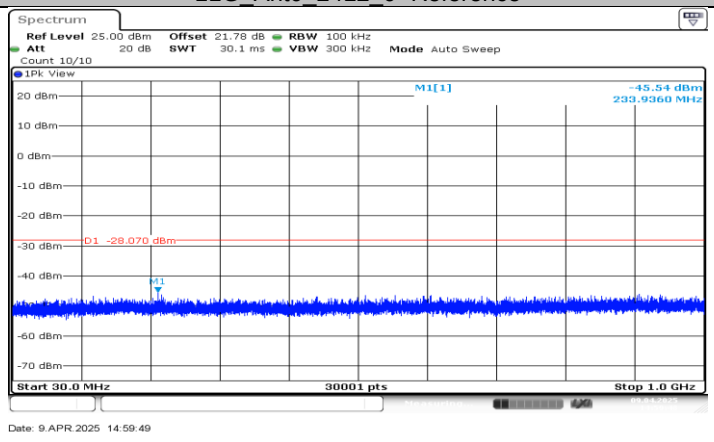

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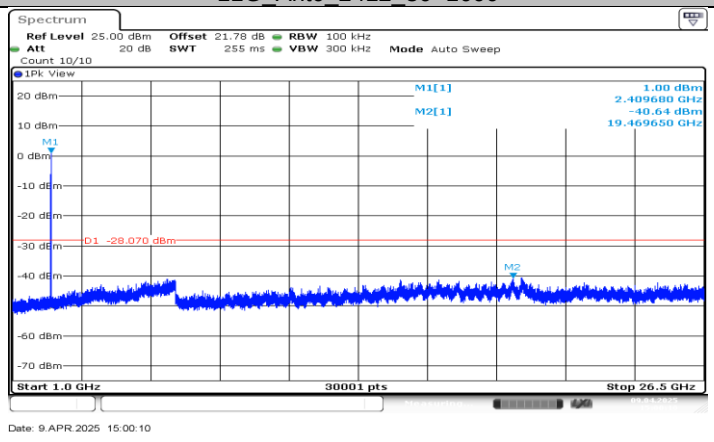

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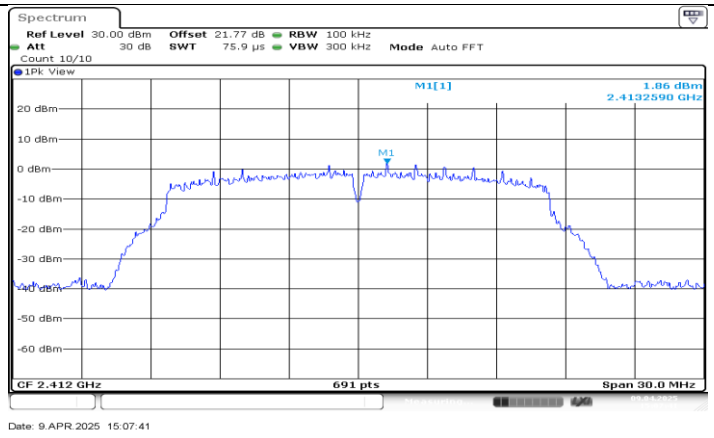

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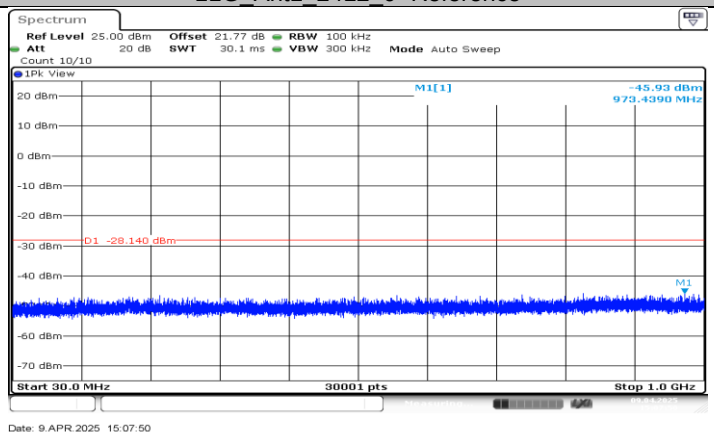

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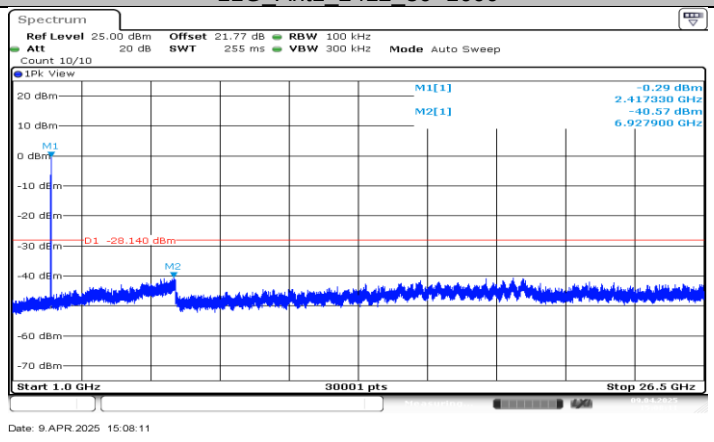

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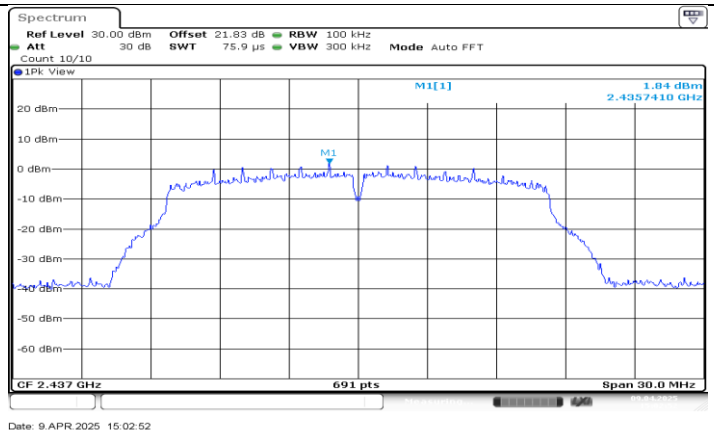

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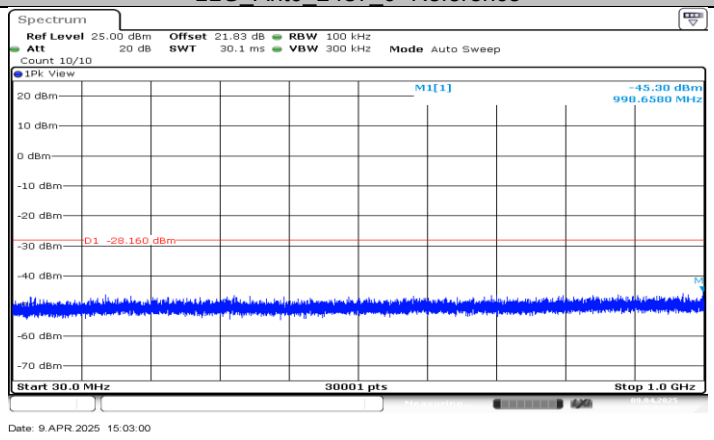

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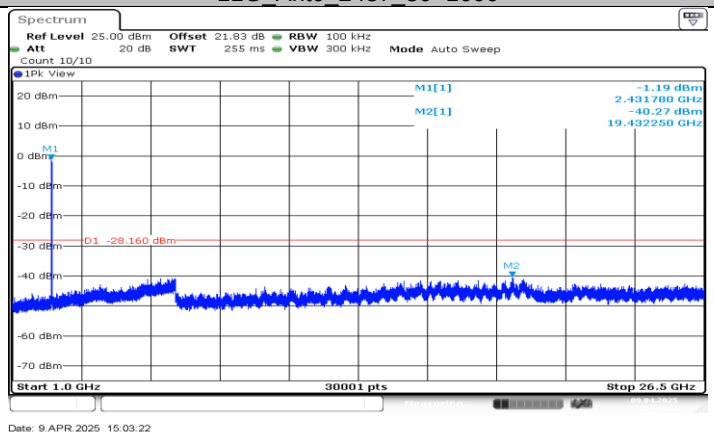

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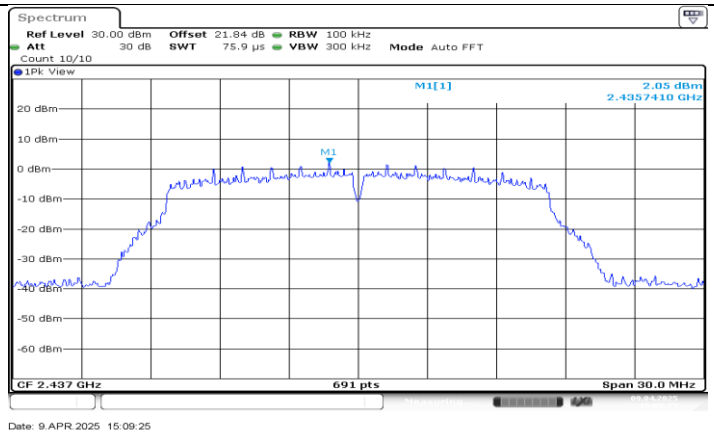

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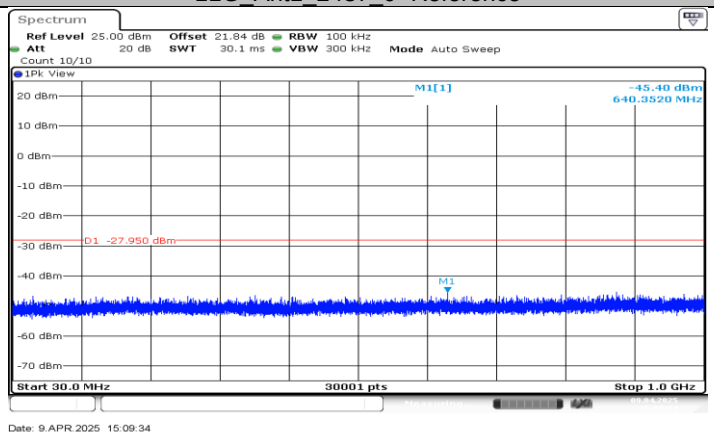

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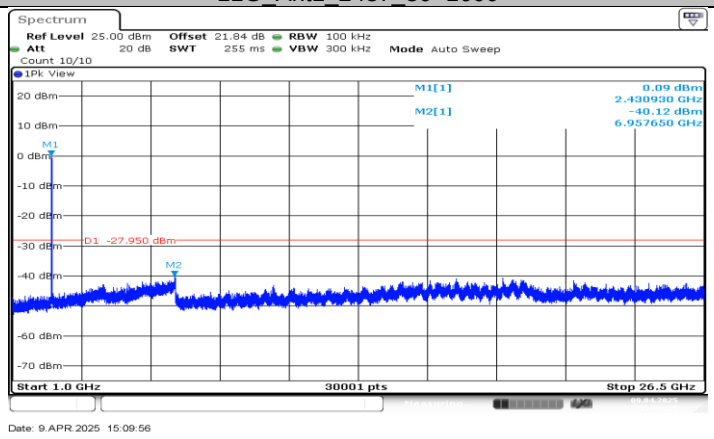

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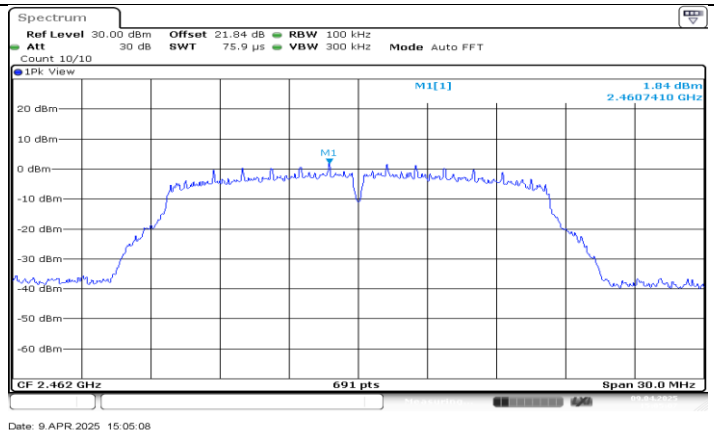

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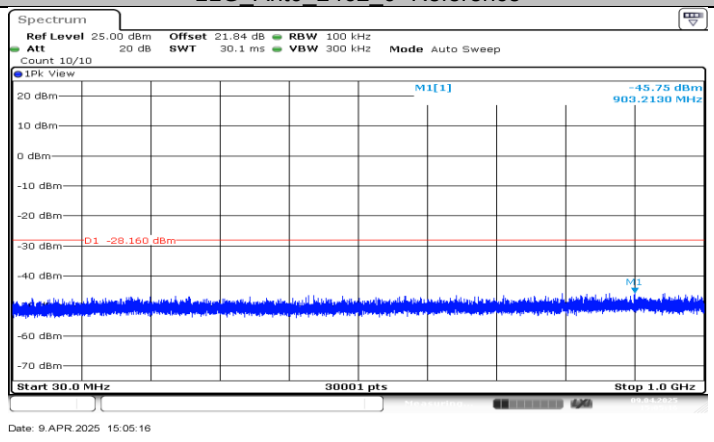

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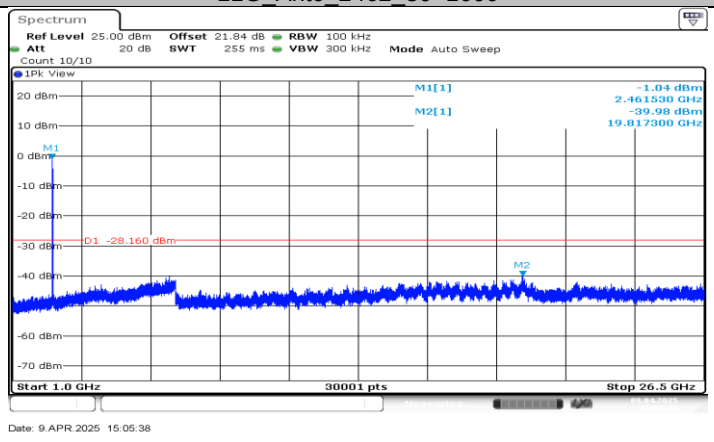

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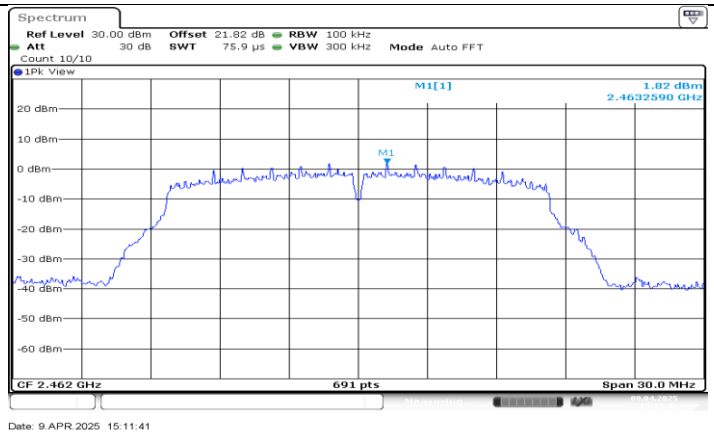

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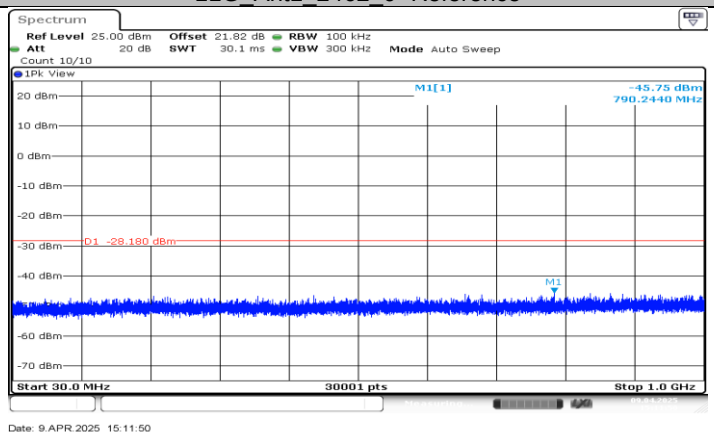

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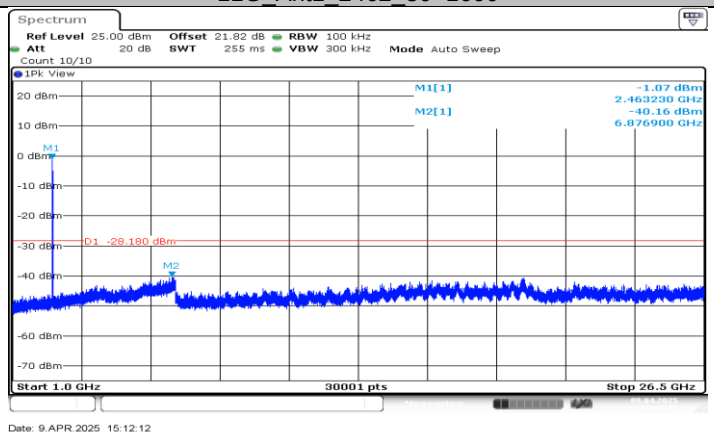

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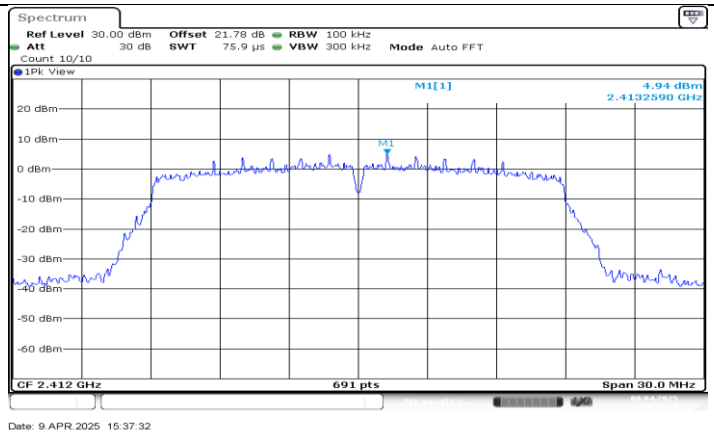
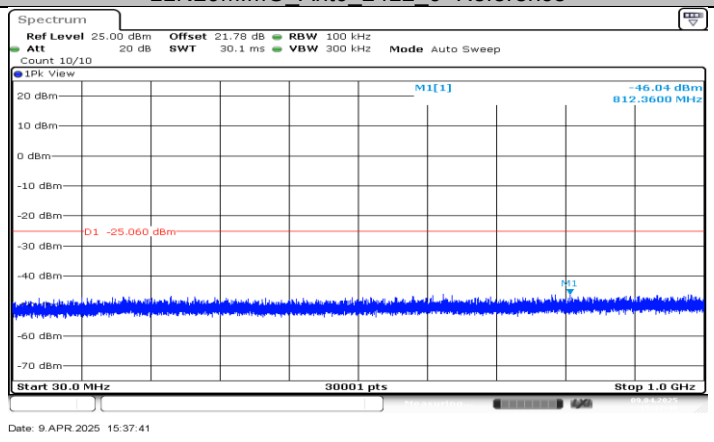


11N20MIMO_Ant0_2412_0~Reference



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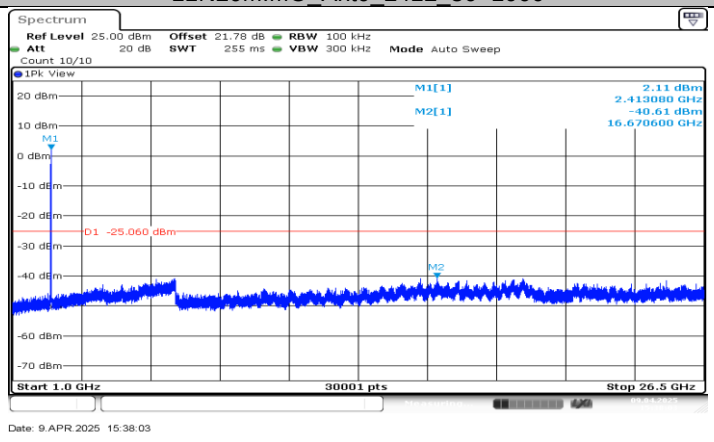

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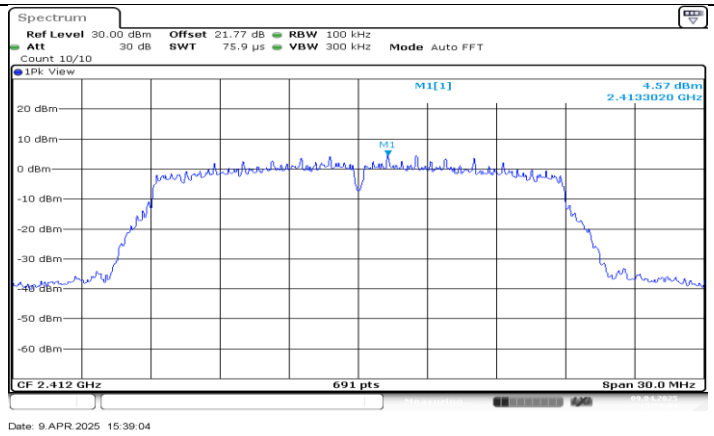

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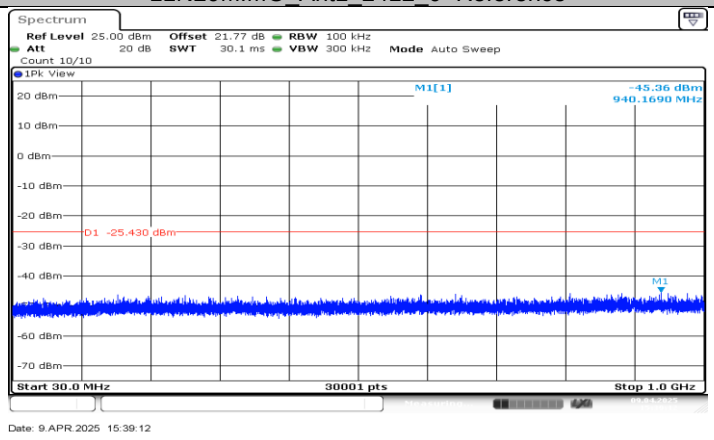

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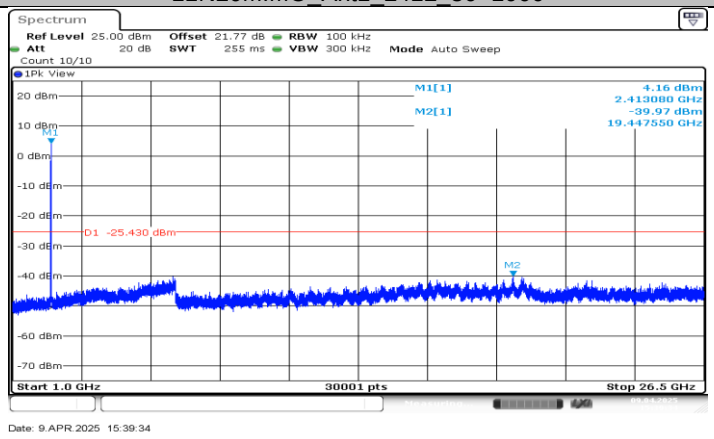

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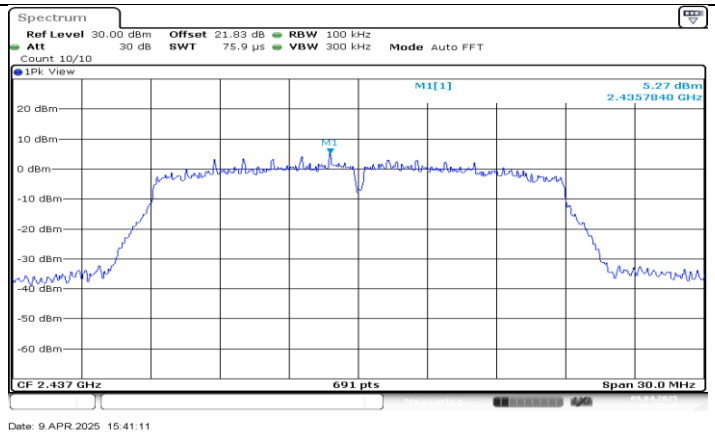

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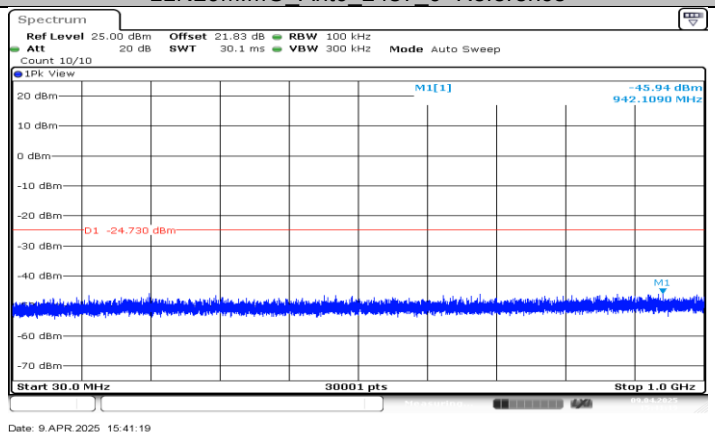

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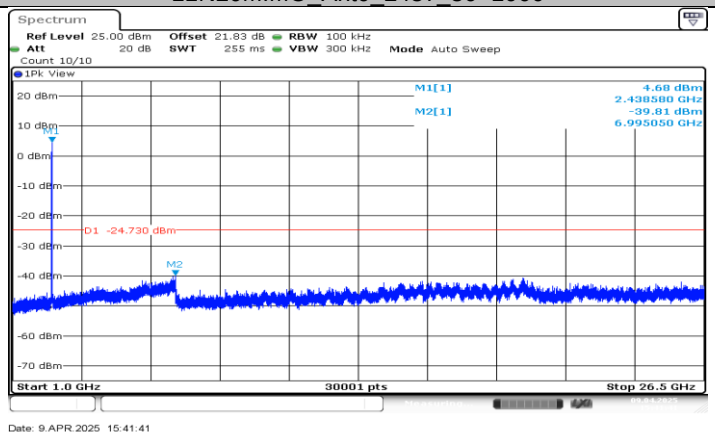

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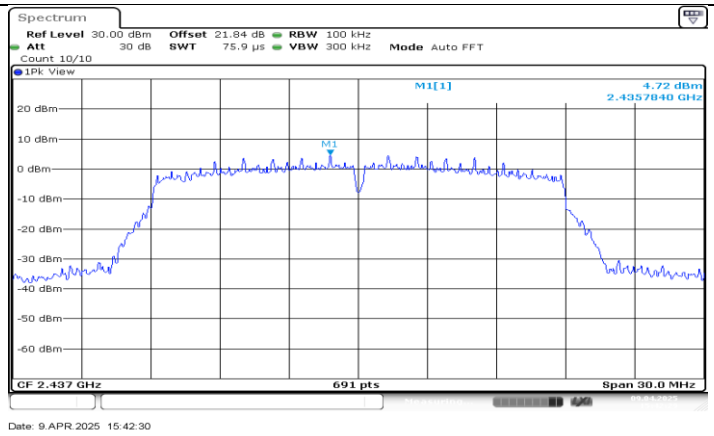

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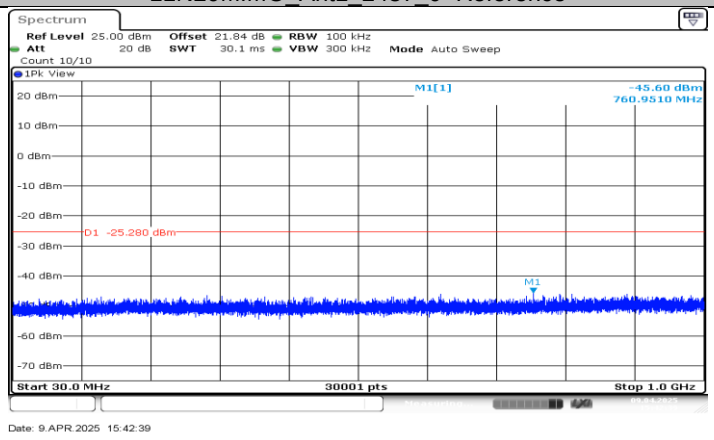

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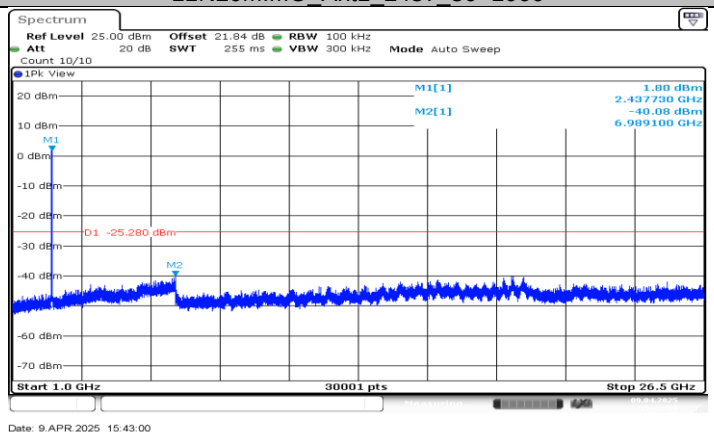

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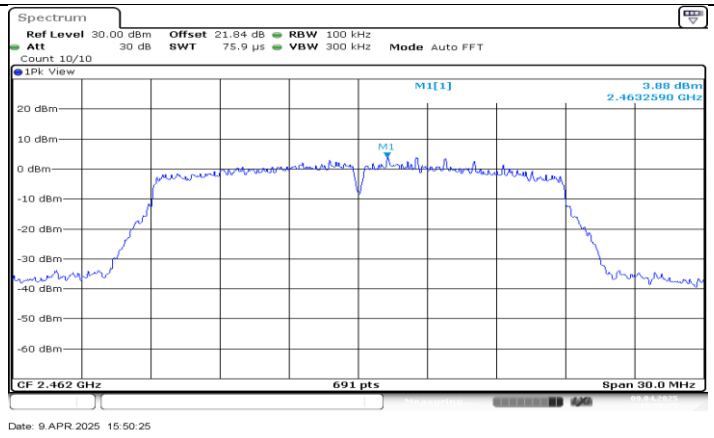

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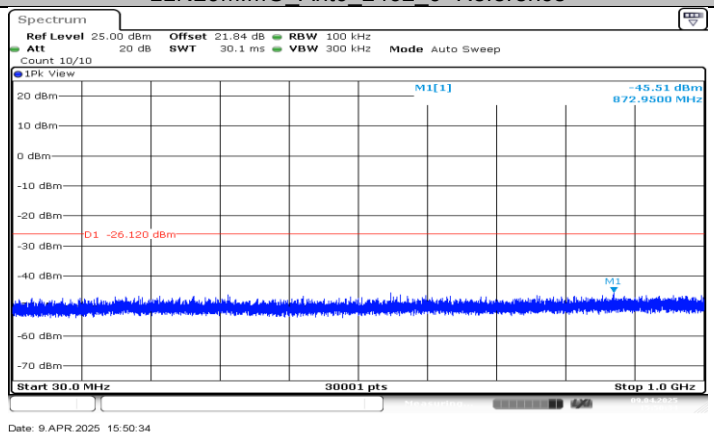

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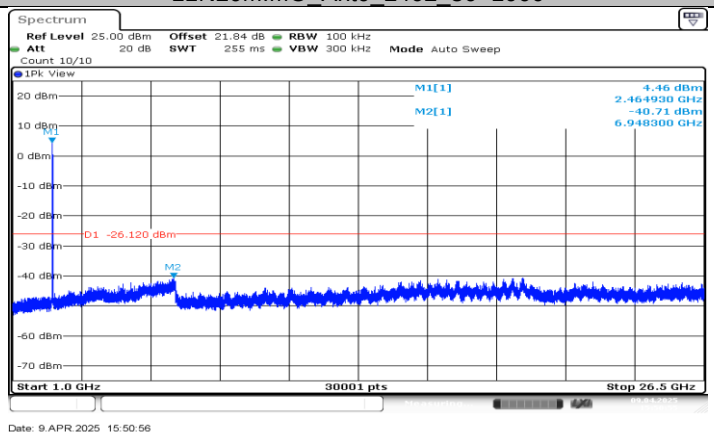
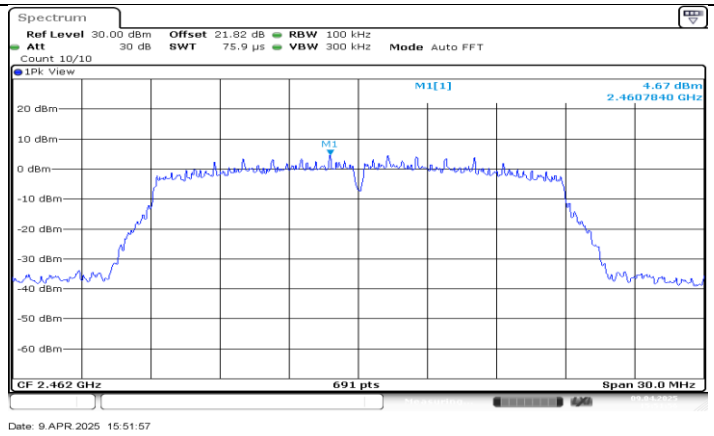


11N20MIMO_Ant0_2462_1000~26500



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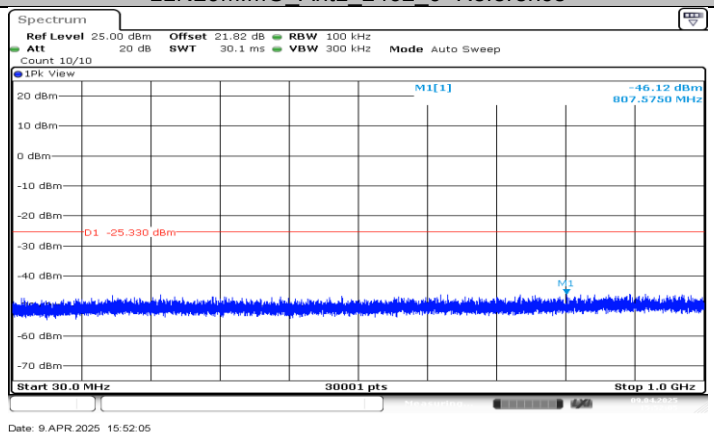
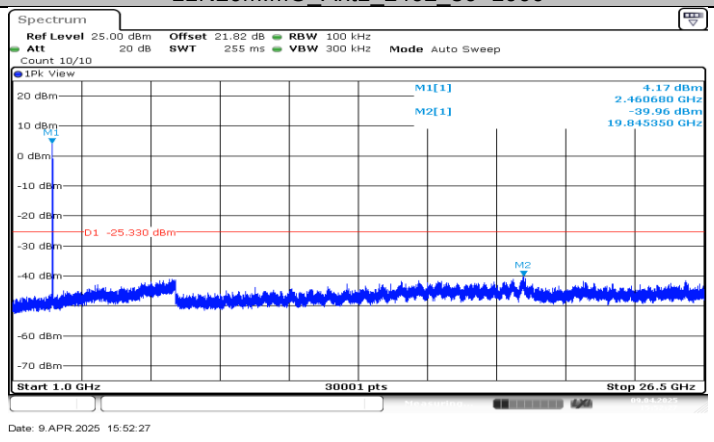


11N20MIMO_Ant1_2462_30~1000



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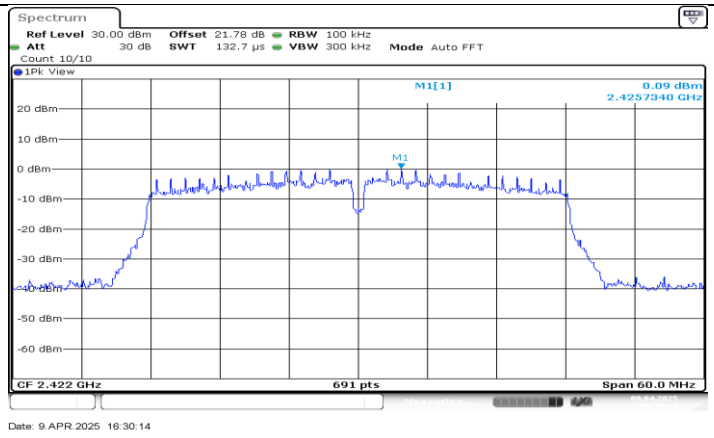
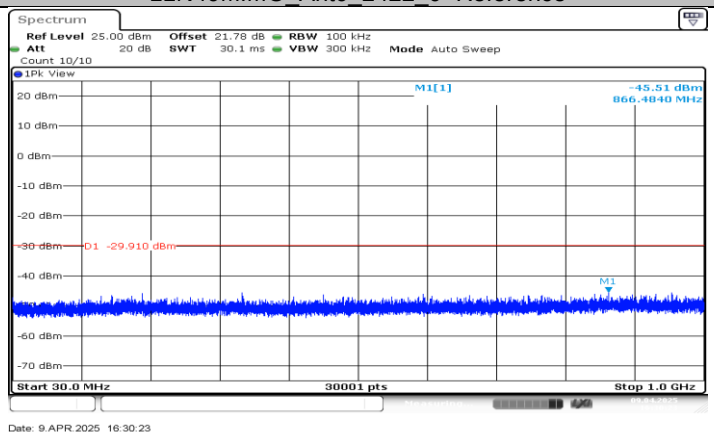


11N40MIMO_Ant0_2422_0~Reference



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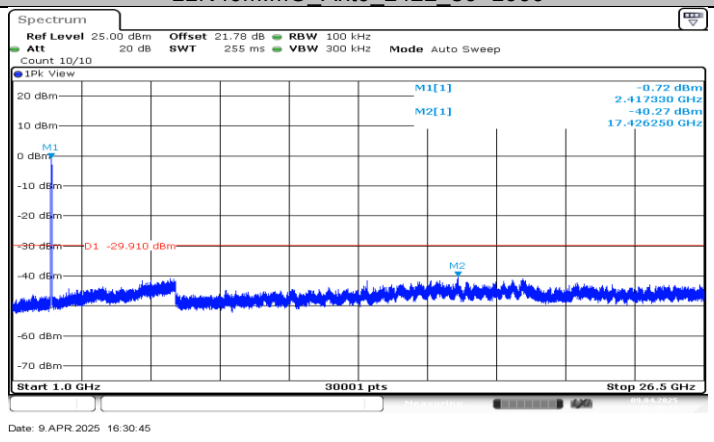

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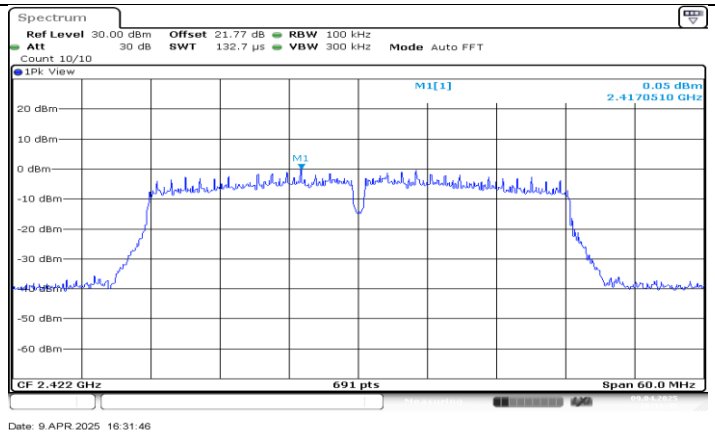

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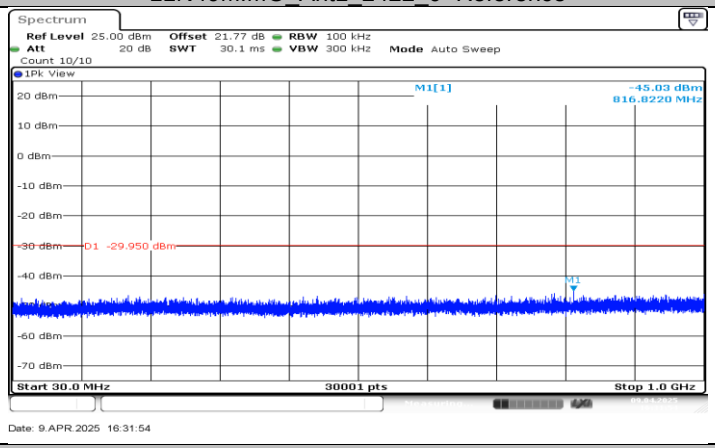

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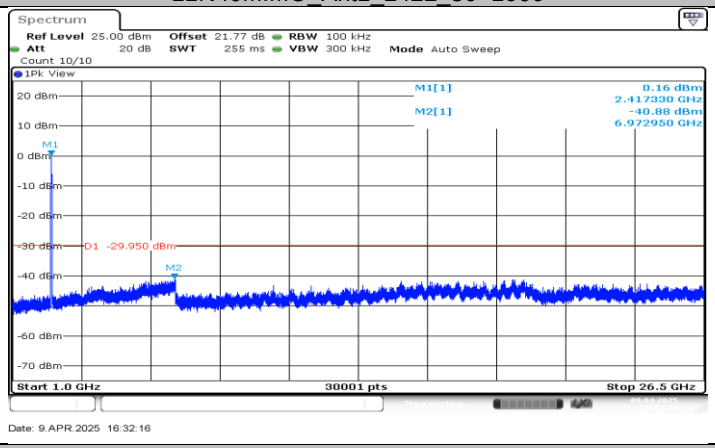

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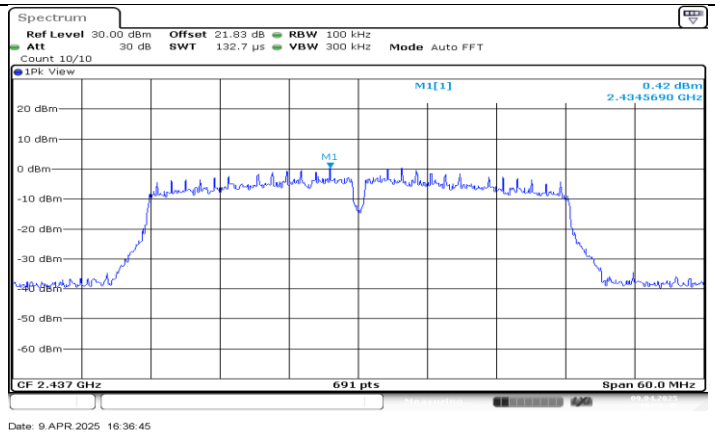
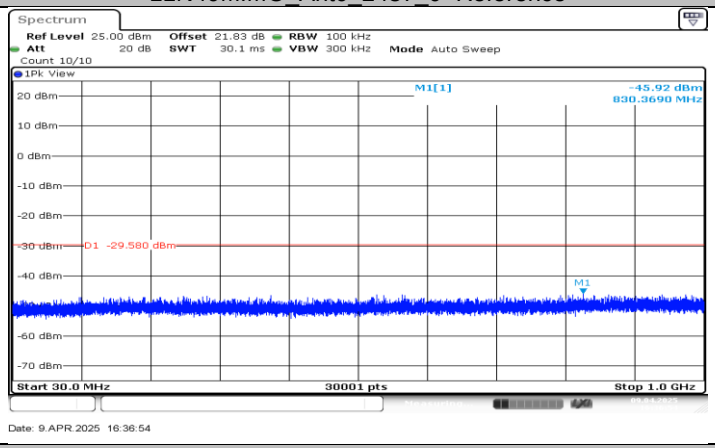


11N40MIMO_Ant0_2437_0~Reference



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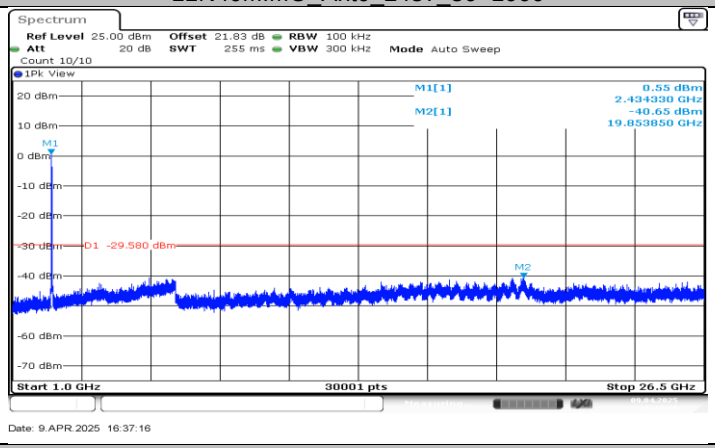

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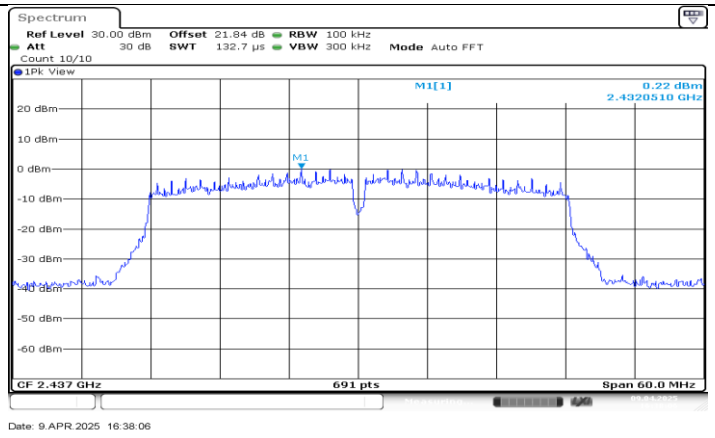

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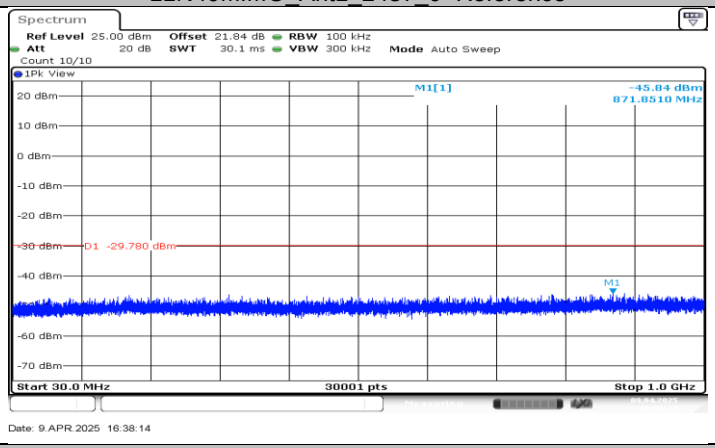

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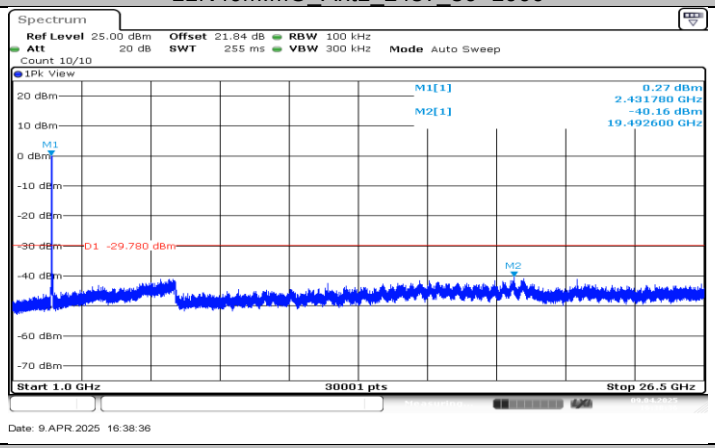

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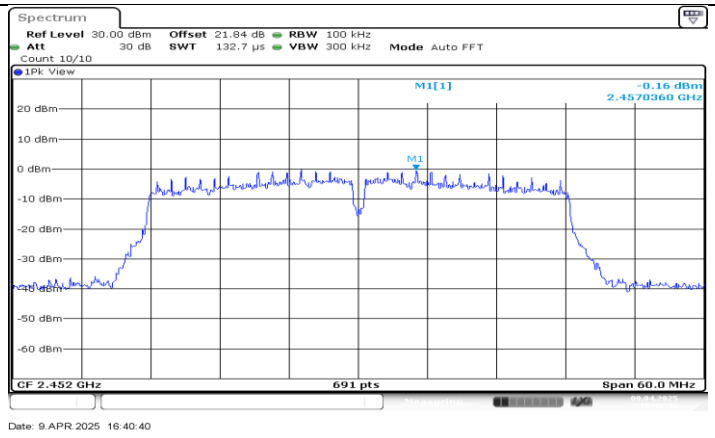

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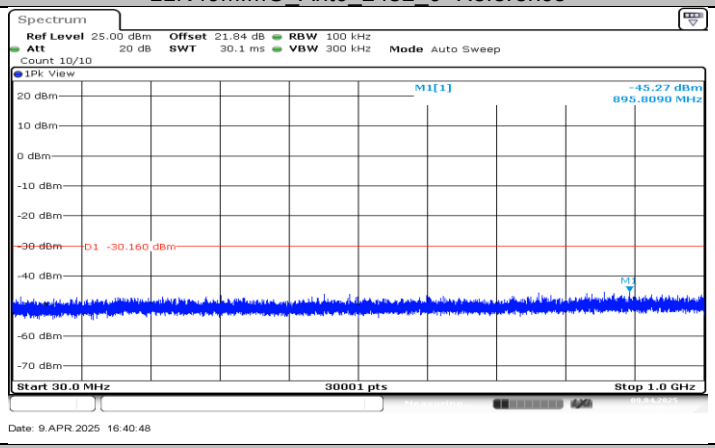

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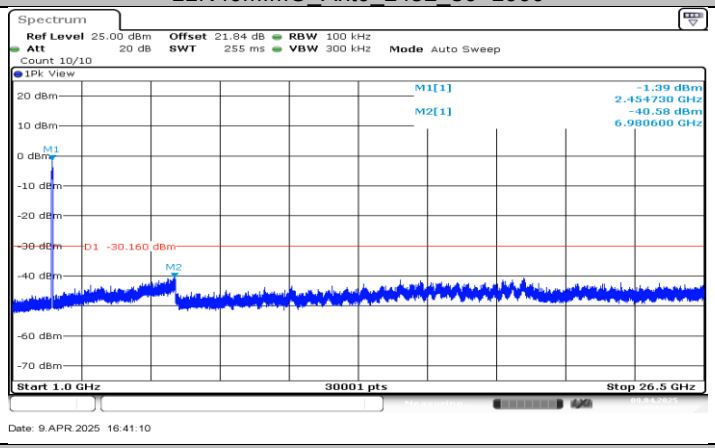

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