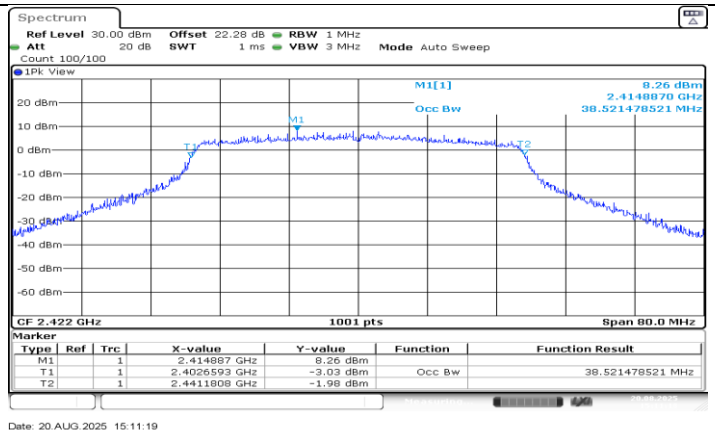
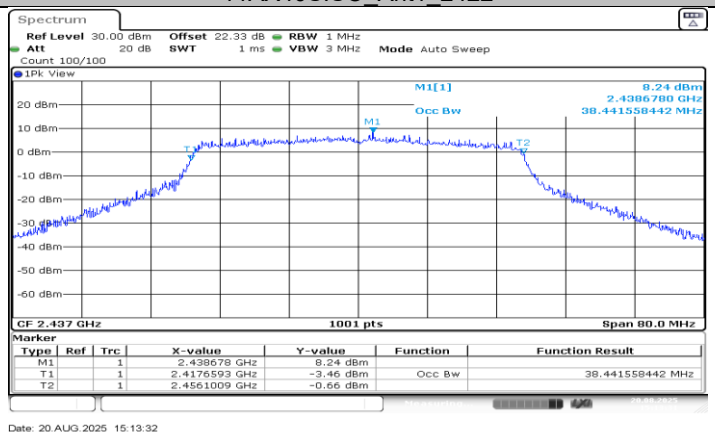
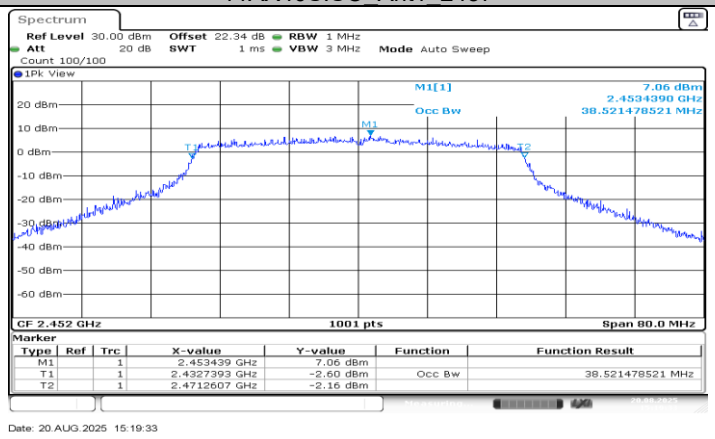


11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	7.44	≤30.00	PASS
		2437	7.79	≤30.00	PASS
		2462	7.71	≤30.00	PASS
11G	Ant1	2412	8.16	≤30.00	PASS
		2437	7.55	≤30.00	PASS
		2462	7.64	≤30.00	PASS
11N20SISO	Ant1	2412	11.51	≤30.00	PASS
		2437	11.02	≤30.00	PASS
		2462	10.45	≤30.00	PASS
11N40SISO	Ant1	2422	12.86	≤30.00	PASS
		2437	12.76	≤30.00	PASS
		2452	12.52	≤30.00	PASS
11AX20SISO	Ant1	2412	11.23	≤30.00	PASS
		2437	10.86	≤30.00	PASS
		2462	10.44	≤30.00	PASS
11AX40SISO	Ant1	2422	10.01	≤30.00	PASS
		2437	9.83	≤30.00	PASS
		2452	9.62	≤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.

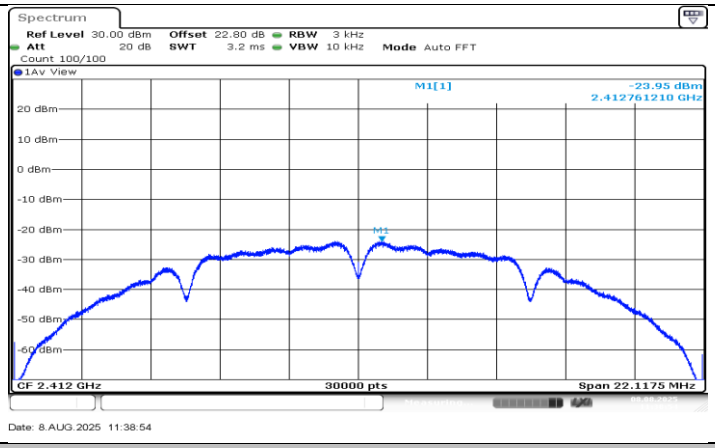
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

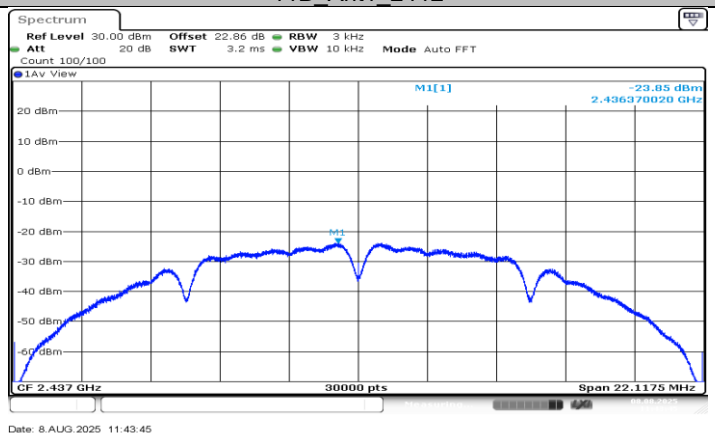
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-23.95	≤8.00	PASS
		2437	-23.85	≤8.00	PASS
		2462	-23.60	≤8.00	PASS
11G	Ant1	2412	-24.05	≤8.00	PASS
		2437	-24.74	≤8.00	PASS
		2462	-24.91	≤8.00	PASS
11N20SISO	Ant1	2412	-21.02	≤8.00	PASS
		2437	-21.99	≤8.00	PASS
		2462	-22.70	≤8.00	PASS
11N40SISO	Ant1	2422	-23.44	≤8.00	PASS
		2437	-23.58	≤8.00	PASS
		2452	-23.88	≤8.00	PASS
11AX20SISO	Ant1	2412	-22.86	≤8.00	PASS
		2437	-22.67	≤8.00	PASS
		2462	-23.16	≤8.00	PASS
11AX40SISO	Ant1	2422	-24.13	≤8.00	PASS
		2437	-24.41	≤8.00	PASS
		2452	-24.79	≤8.00	PASS

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

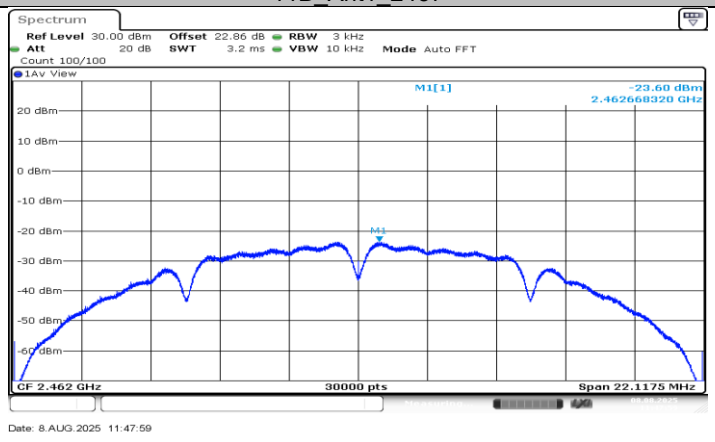
11.4.2. Test Graphs



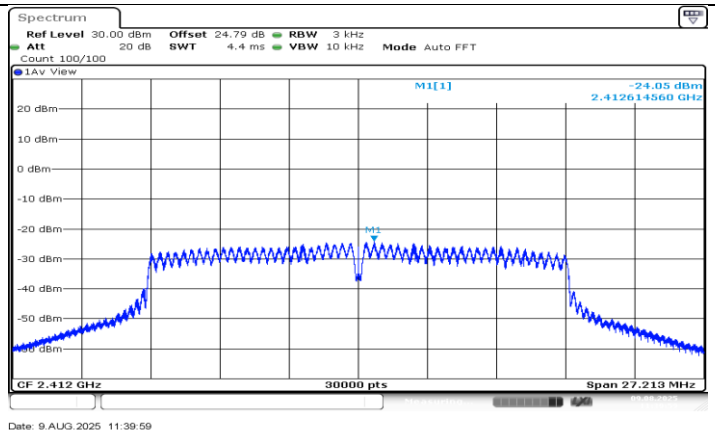
11B_Ant1_2412



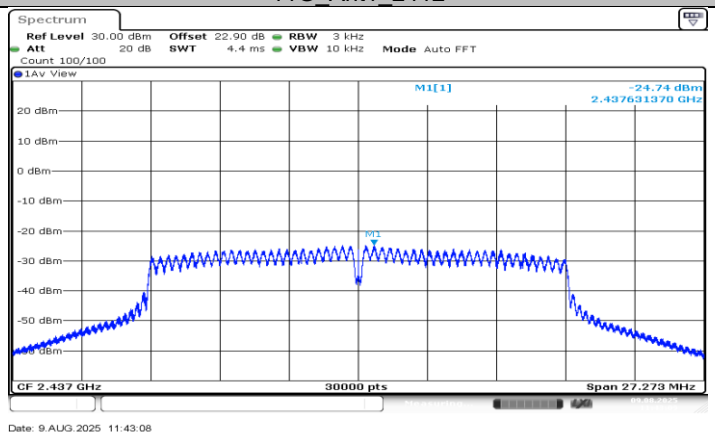
11B_Ant1_2437



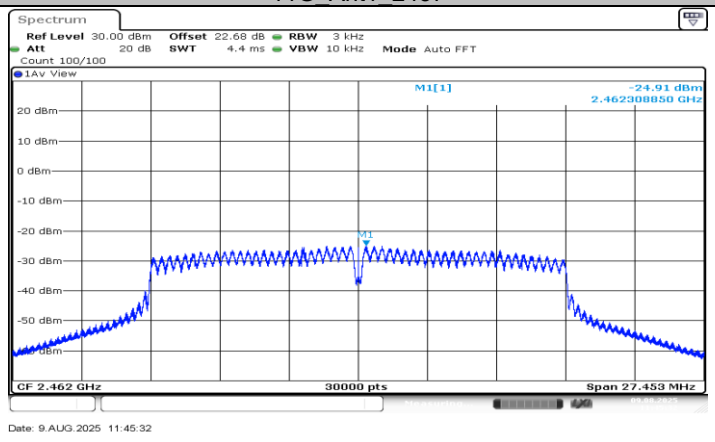
11B_Ant1_2462



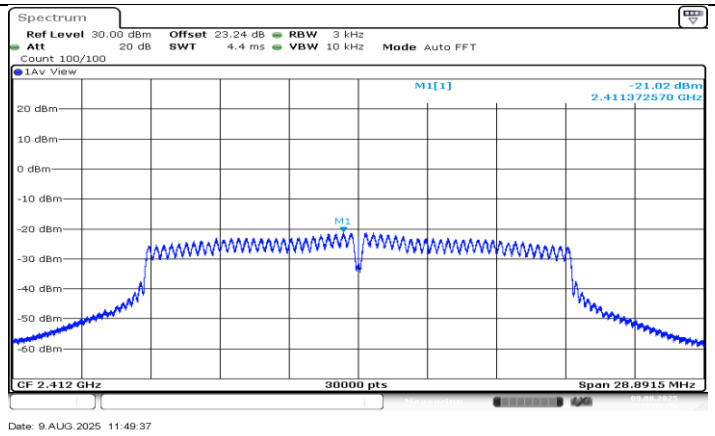
11G_Ant1_2412



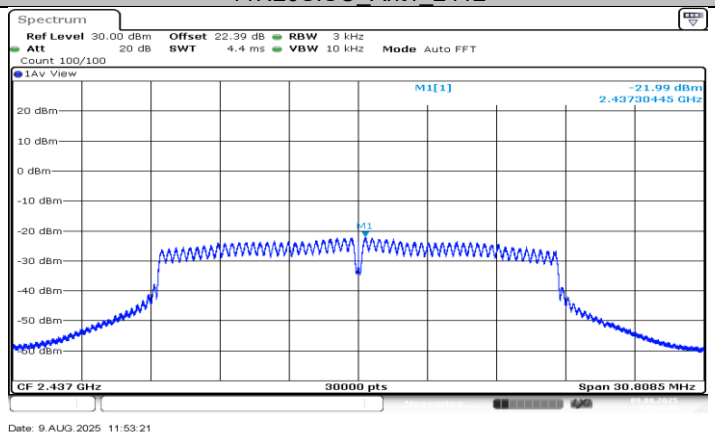
11G_Ant1_2437



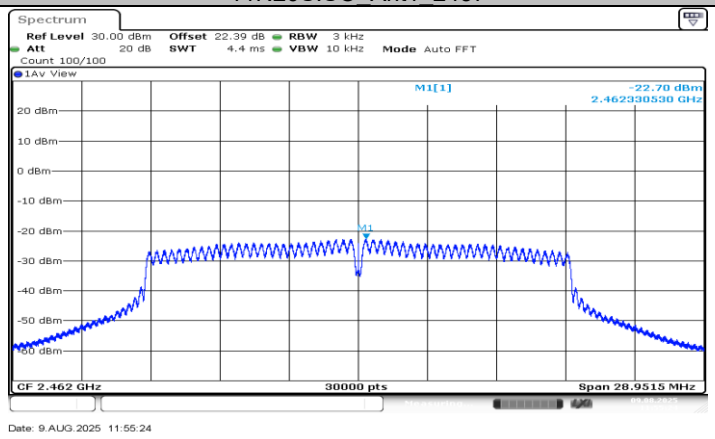
11G_Ant1_2462



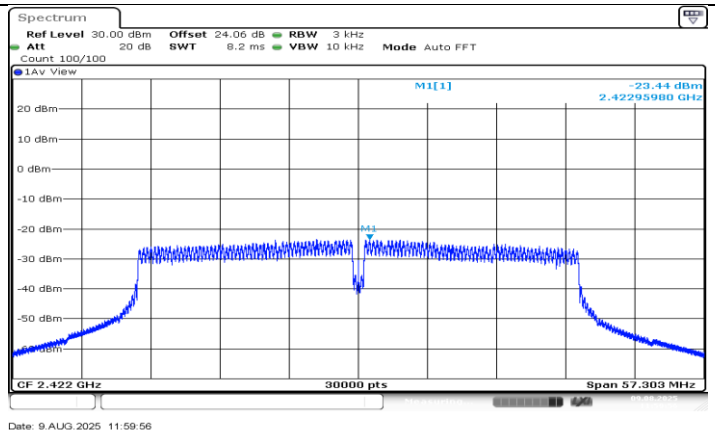
11N20SISO_Ant1_2412



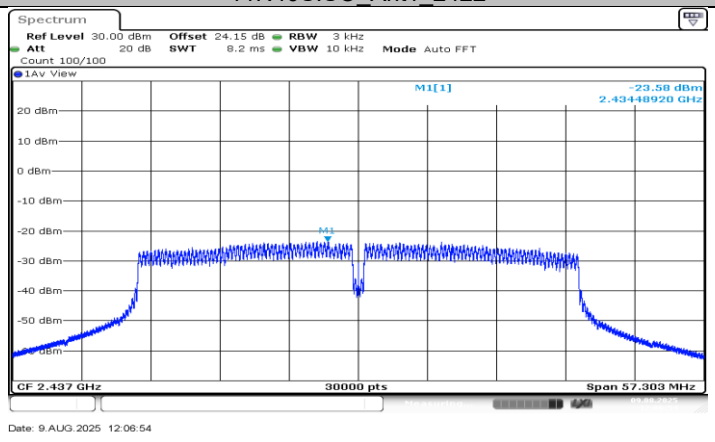
11N20SISO_Ant1_2437



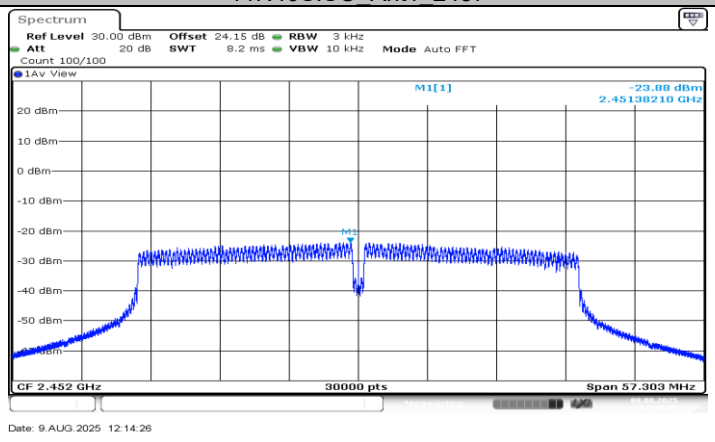
11N20SISO_Ant1_2462



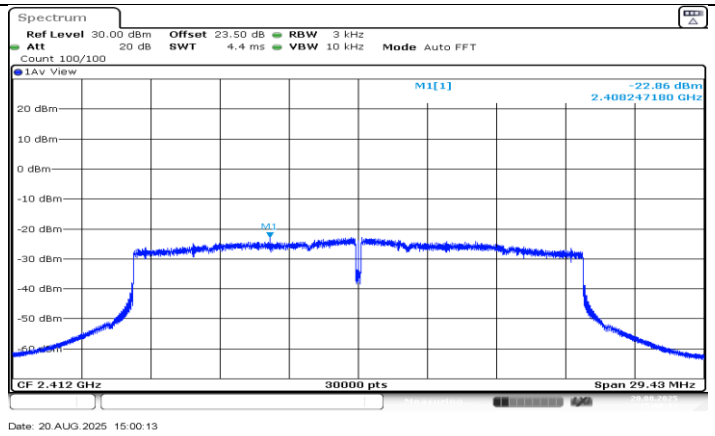
11N40SISO_Ant1_2422



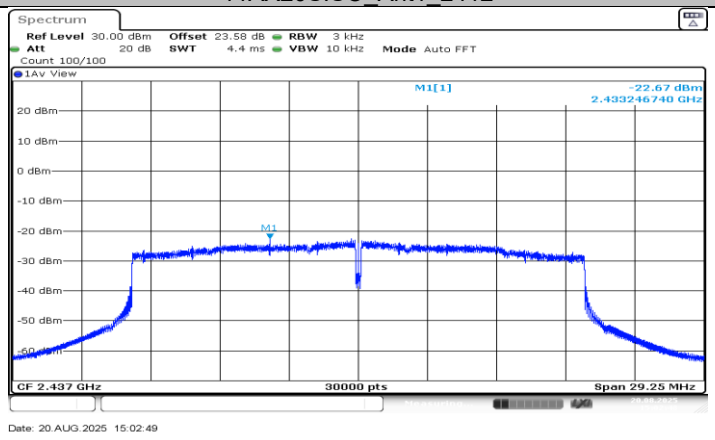
11N40SISO_Ant1_2437



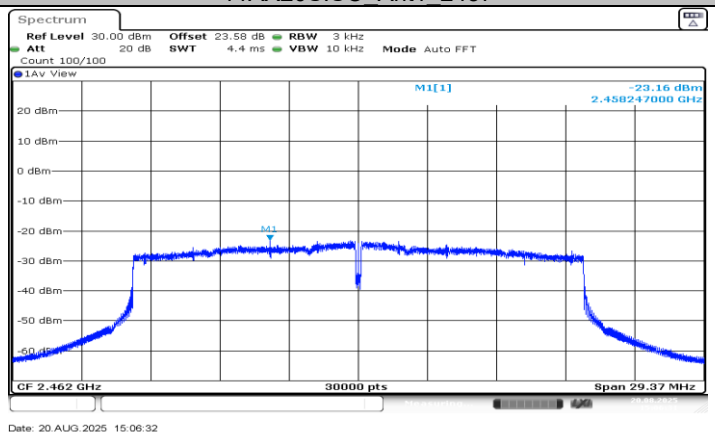
11N40SISO_Ant1_2452



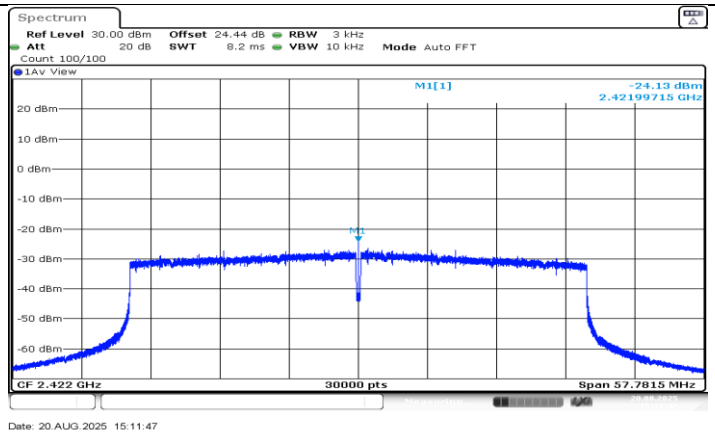
11AX20SISO_Ant1_2412



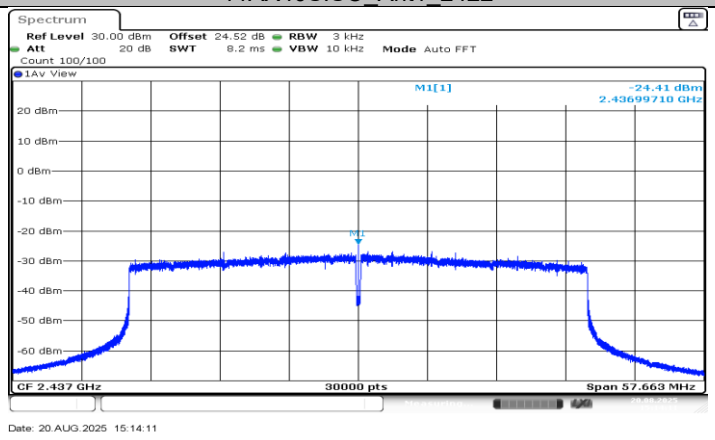
11AX20SISO_Ant1_2437



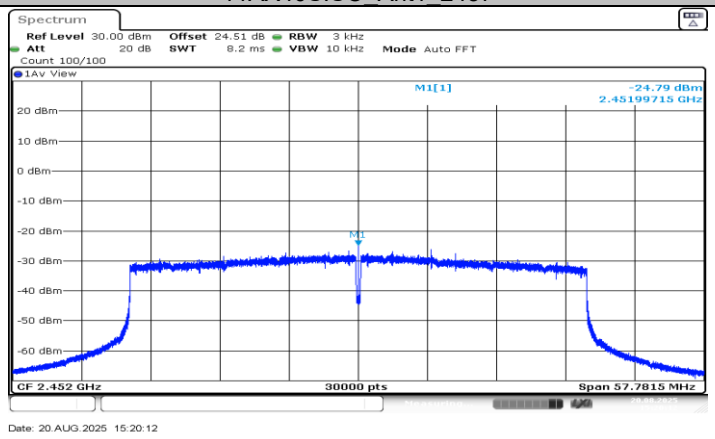
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



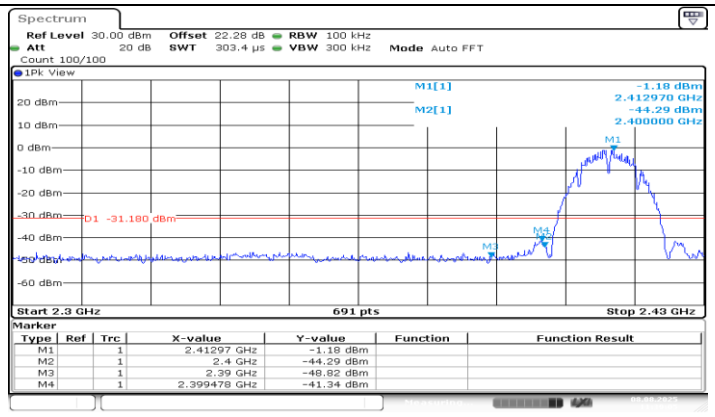
11AX40SISO_Ant1_2452

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

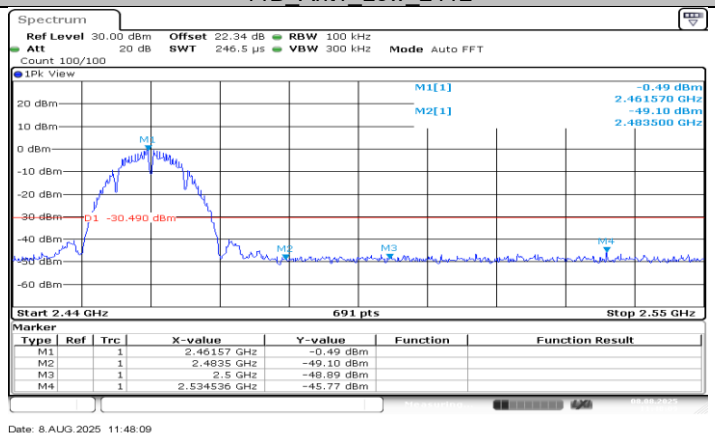
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-1.18	-41.34	≤-31.18	PASS
		High	2462	-0.49	-45.77	≤-30.49	PASS
11G	Ant1	Low	2412	-1.95	-33.45	≤-31.95	PASS
		High	2462	-3.38	-46.99	≤-33.38	PASS
11N20SISO	Ant1	Low	2412	0.33	-29.71	≤-29.67	PASS
		High	2462	-2.32	-46.4	≤-32.32	PASS
11N40SISO	Ant1	Low	2422	0.01	-31.22	≤-29.99	PASS
		High	2452	-3.62	-40.88	≤-33.62	PASS
11AX20SISO	Ant1	Low	2412	1.26	-29.35	≤-28.74	PASS
		High	2462	-0.14	-45.55	≤-30.14	PASS
11AX40SISO	Ant1	Low	2422	-4.34	-36.19	≤-34.34	PASS
		High	2452	-3.60	-44.17	≤-33.6	PASS

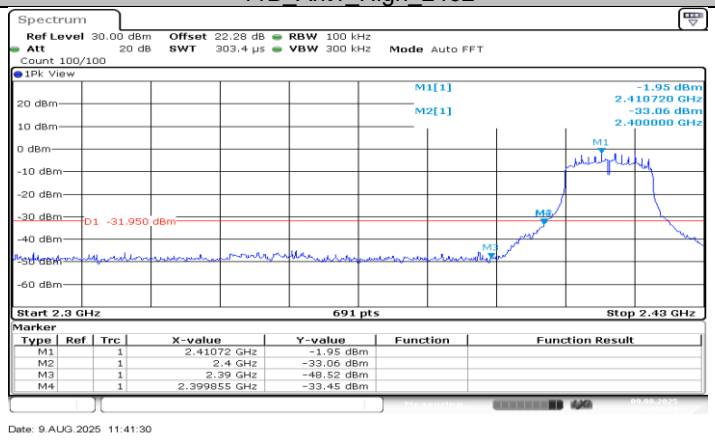
11.5.2. Test Graphs



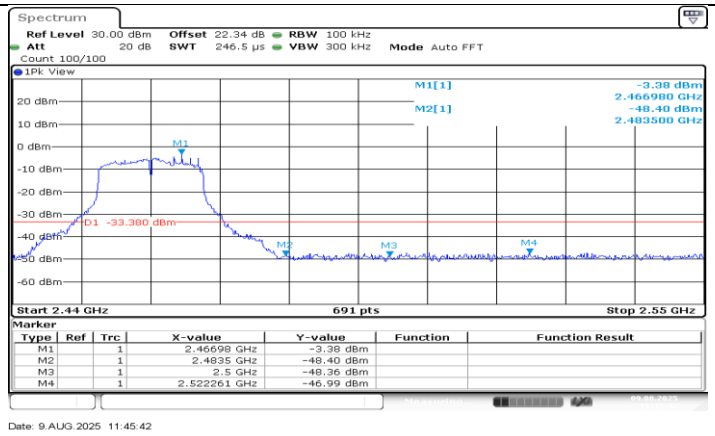
11B_Ant1_Low_2412



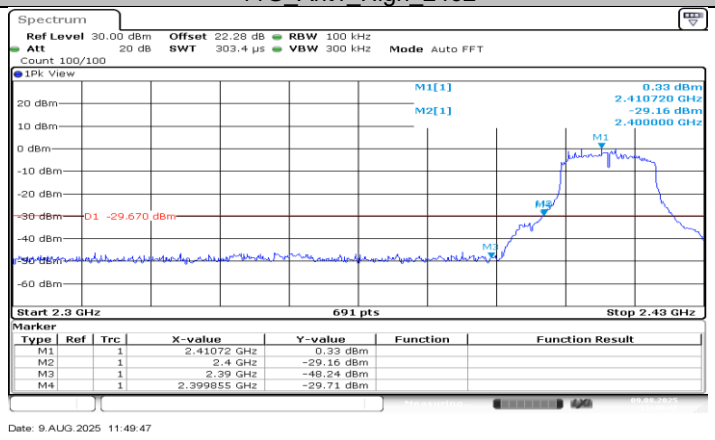
11B_Ant1_High_2462



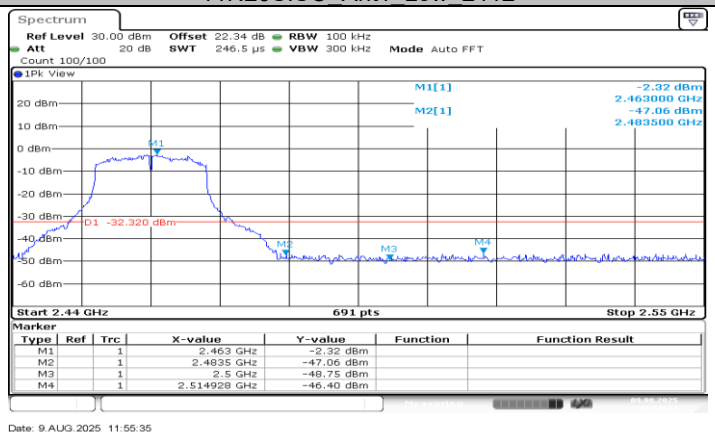
11G_Ant1_Low_2412



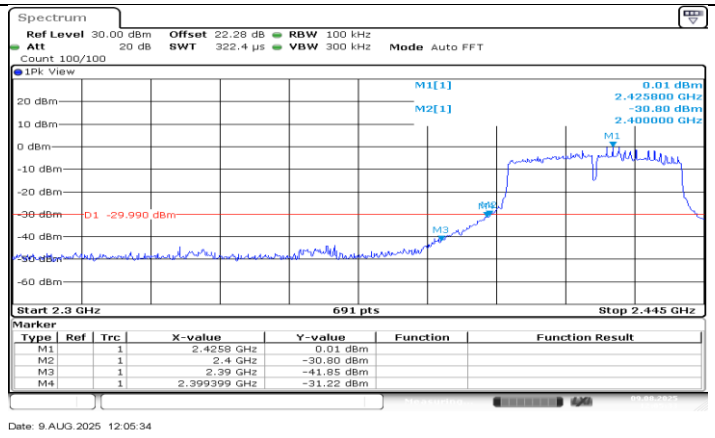
11G_Ant1_High_2462



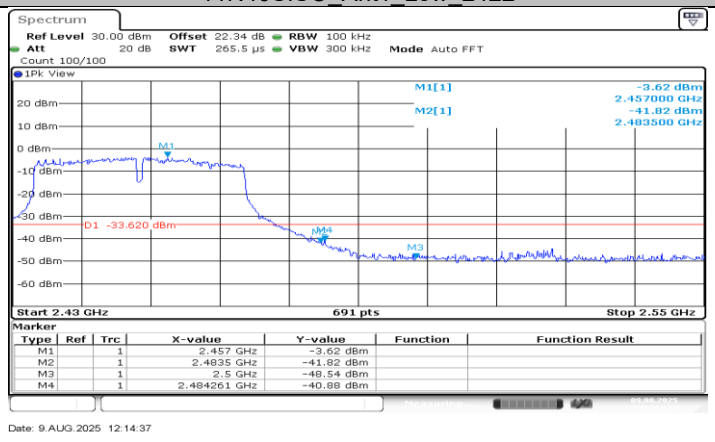
11N20SISO_Ant1_Low_2412



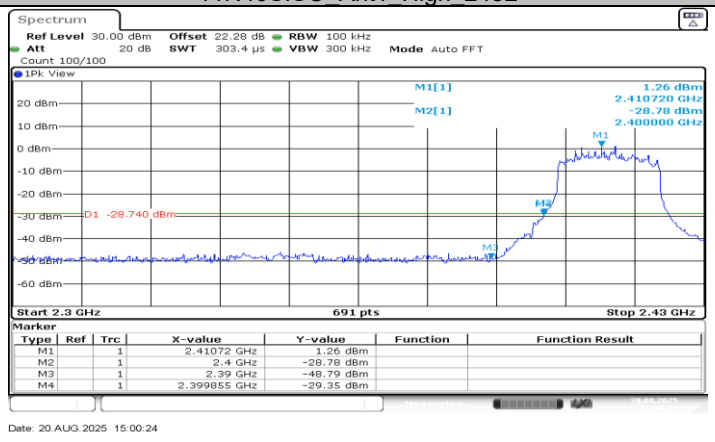
11N20SISO_Ant1_High_2462



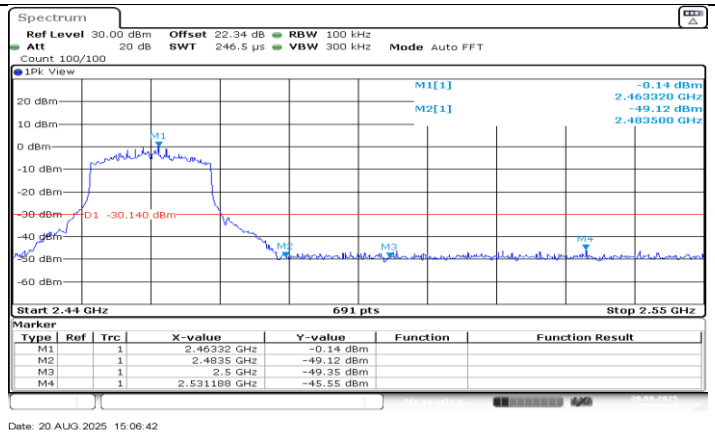
11N40SISO_Ant1_Low_2422



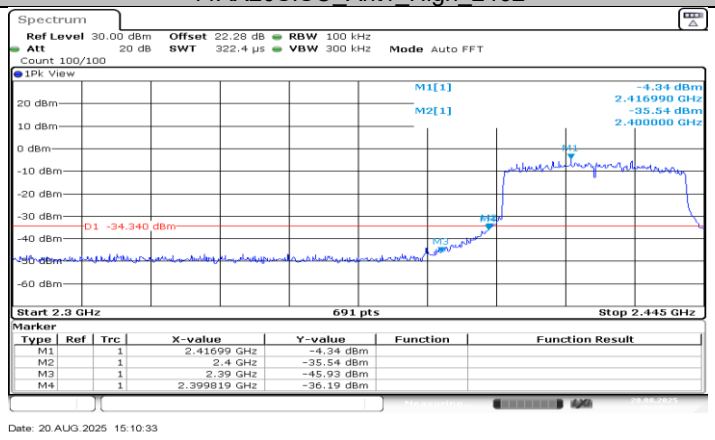
11N40SISO_Ant1_High_2452



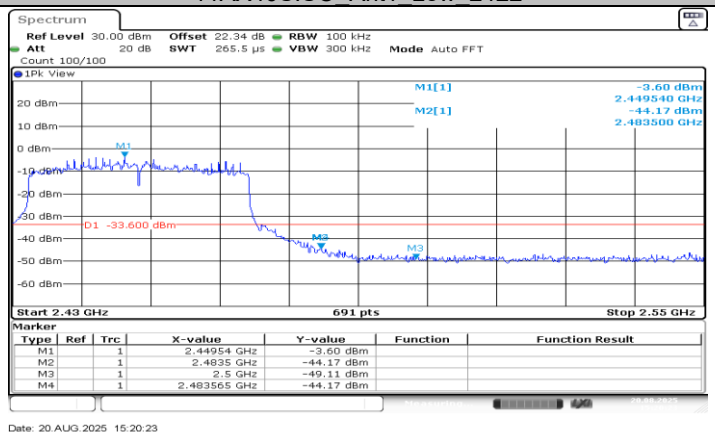
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



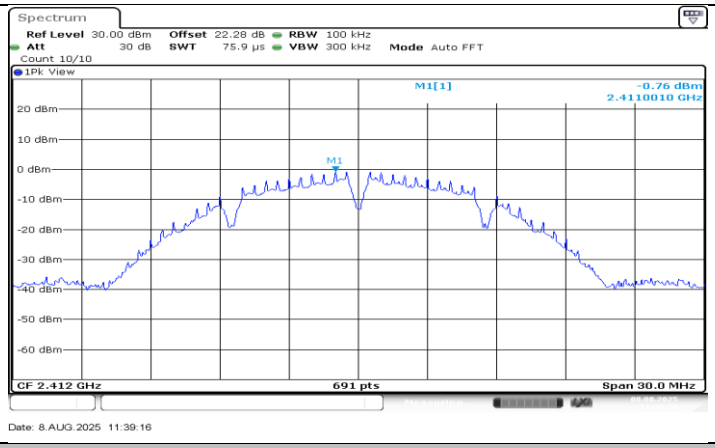
11AX40SISO_Ant1_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

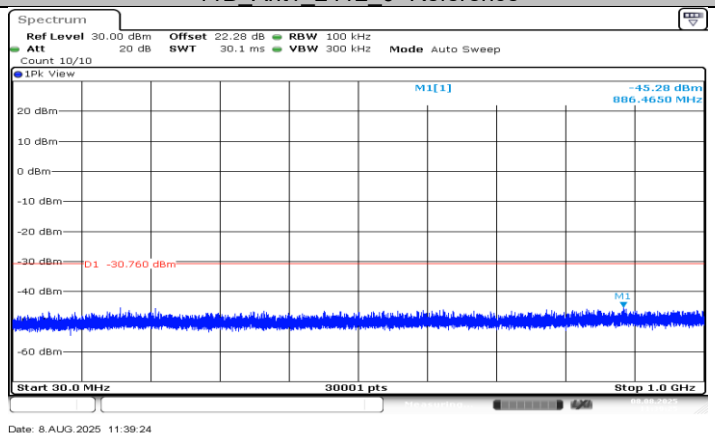
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-0.76	---	PASS
			30~1000	-45.28	≤-30.76	PASS
			1000~26500	-39.89	≤-30.76	PASS
		2437	Reference	-0.30	---	PASS
			30~1000	-45.26	≤-30.3	PASS
			1000~26500	-40.25	≤-30.3	PASS
		2462	Reference	-0.54	---	PASS
			30~1000	-45.42	≤-30.54	PASS
			1000~26500	-38.88	≤-30.54	PASS
11G	Ant1	2412	Reference	-2.08	---	PASS
			30~1000	-45.31	≤-32.08	PASS
			1000~26500	-39.75	≤-32.08	PASS
		2437	Reference	-2.43	---	PASS
			30~1000	-45.32	≤-32.43	PASS
			1000~26500	-39.83	≤-32.43	PASS
		2462	Reference	-2.41	---	PASS
			30~1000	-45.49	≤-32.41	PASS
			1000~26500	-40.25	≤-32.41	PASS
11N20SISO	Ant1	2412	Reference	1.48	---	PASS
			30~1000	-45.3	≤-28.52	PASS
			1000~26500	-39.62	≤-28.52	PASS
		2437	Reference	1.12	---	PASS
			30~1000	-45.68	≤-28.88	PASS
			1000~26500	-39.61	≤-28.88	PASS
		2462	Reference	0.53	---	PASS
			30~1000	-45.41	≤-29.47	PASS
			1000~26500	-39.8	≤-29.47	PASS
11N40SISO	Ant1	2422	Reference	0.11	---	PASS
			30~1000	-45.62	≤-29.89	PASS
			1000~26500	-39.95	≤-29.89	PASS
		2437	Reference	-1.72	---	PASS
			30~1000	-45.11	≤-31.72	PASS
			1000~26500	-39.44	≤-31.72	PASS
		2452	Reference	-0.80	---	PASS
			30~1000	-44.43	≤-30.8	PASS
			1000~26500	-39.45	≤-30.8	PASS
11AX20SISO	Ant1	2412	Reference	0.95	---	PASS
			30~1000	-45.21	≤-29.05	PASS
			1000~26500	-39.36	≤-29.05	PASS
		2437	Reference	0.03	---	PASS
			30~1000	-45.04	≤-29.97	PASS
			1000~26500	-40.43	≤-29.97	PASS
		2462	Reference	-1.61	---	PASS
			30~1000	-45.21	≤-31.61	PASS
			1000~26500	-39.07	≤-31.61	PASS
11AX40SISO	Ant1	2422	Reference	-2.93	---	PASS
			30~1000	-44.49	≤-32.93	PASS
			1000~26500	-40.15	≤-32.93	PASS
		2437	Reference	-3.53	---	PASS
			30~1000	-45.52	≤-33.53	PASS
			1000~26500	-39.88	≤-33.53	PASS
		2452	Reference	-3.39	---	PASS
			30~1000	-44.74	≤-33.39	PASS
			1000~26500	-39.87	≤-33.39	PASS

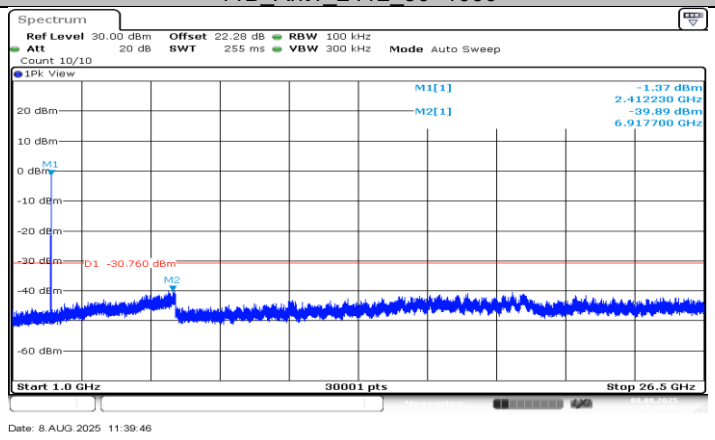
11.6.2. Test Graphs



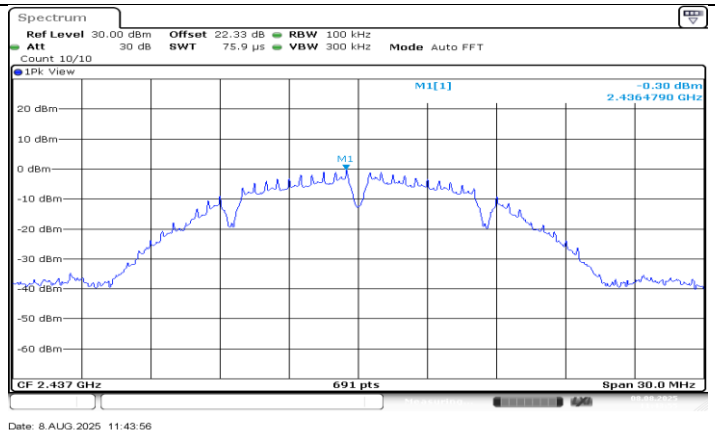
11B_Ant1_2412_0~Reference



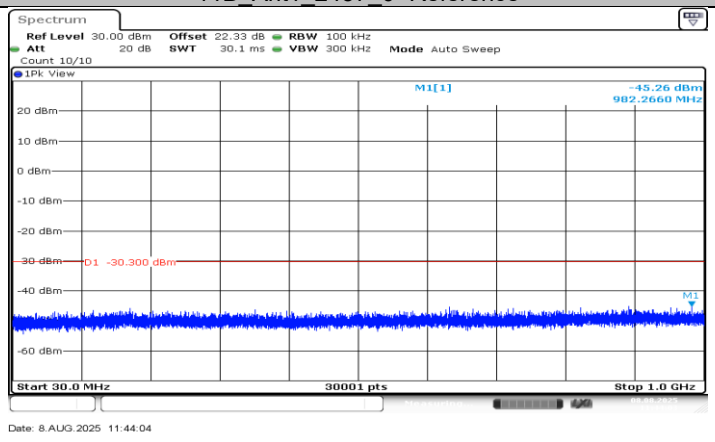
11B_Ant1_2412_30~1000



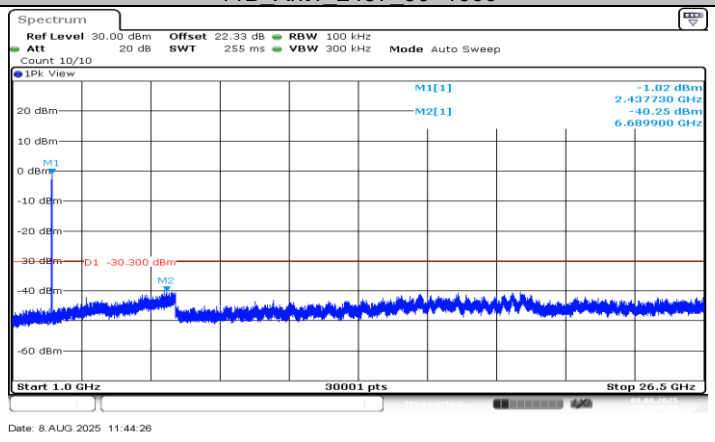
11B_Ant1_2412_1000~26500



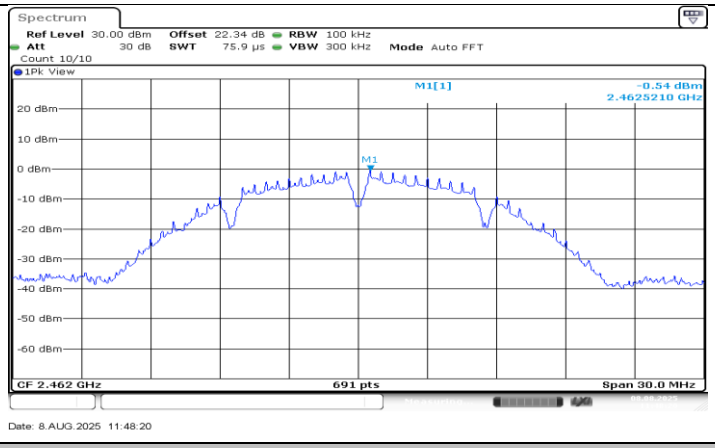
11B_Ant1_2437_0~Reference



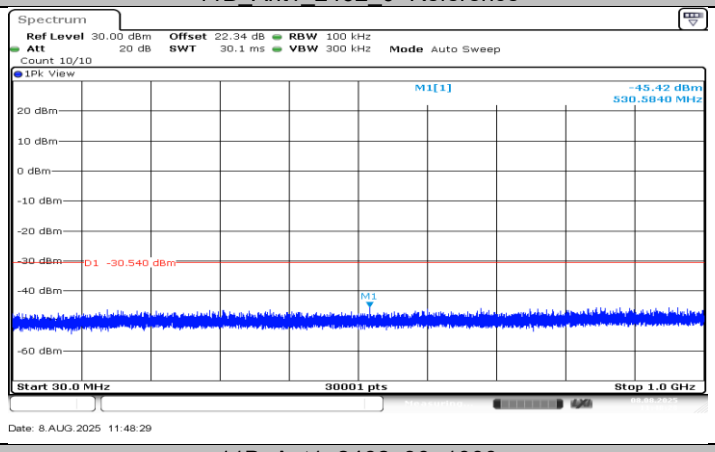
11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



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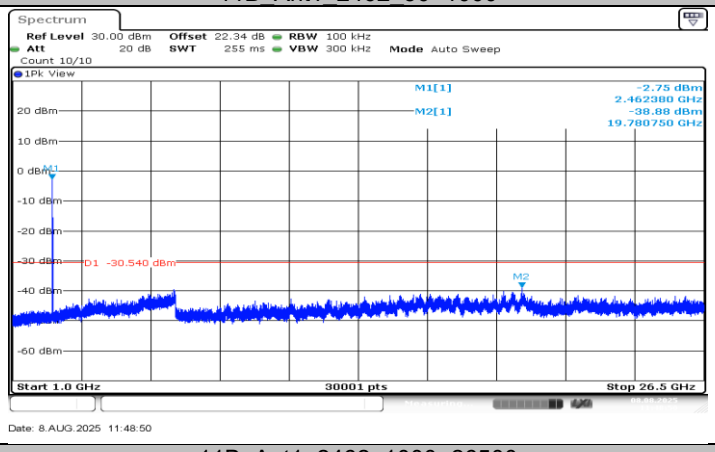

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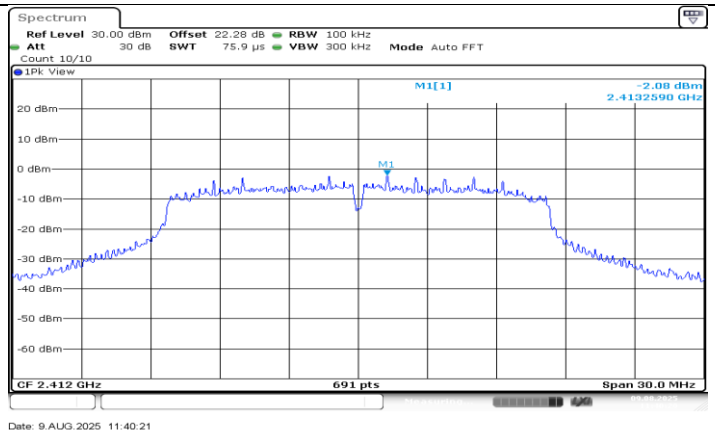

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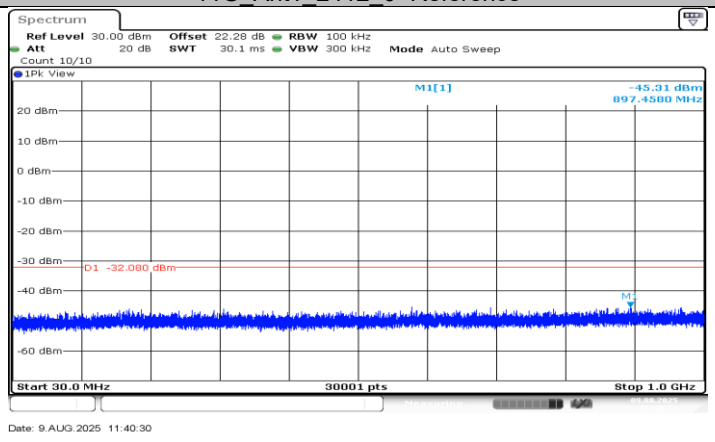

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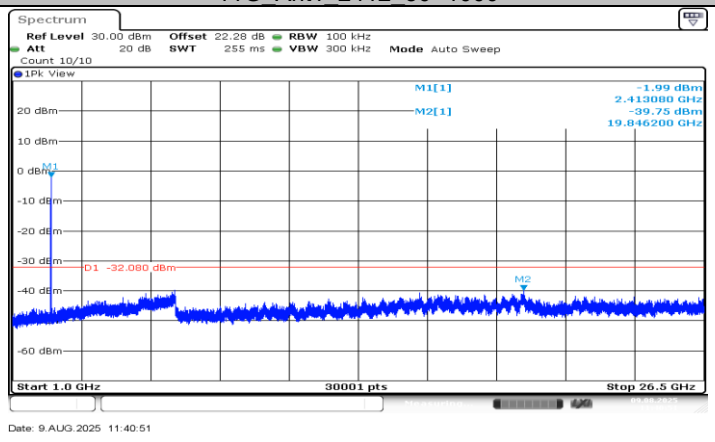

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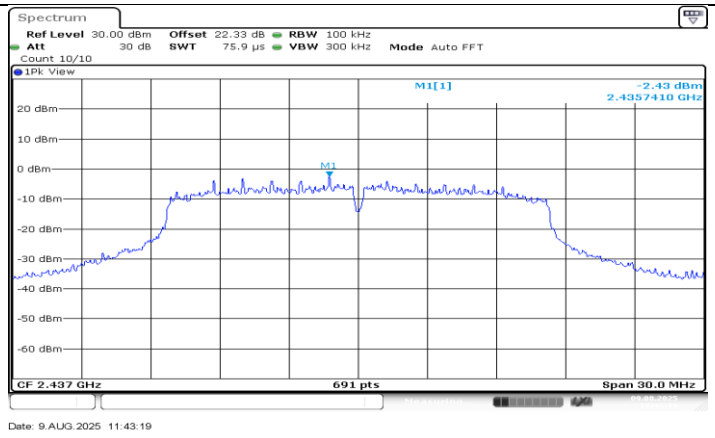

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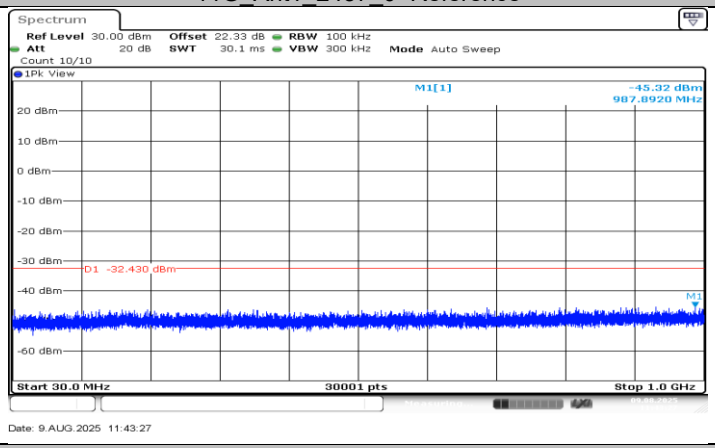

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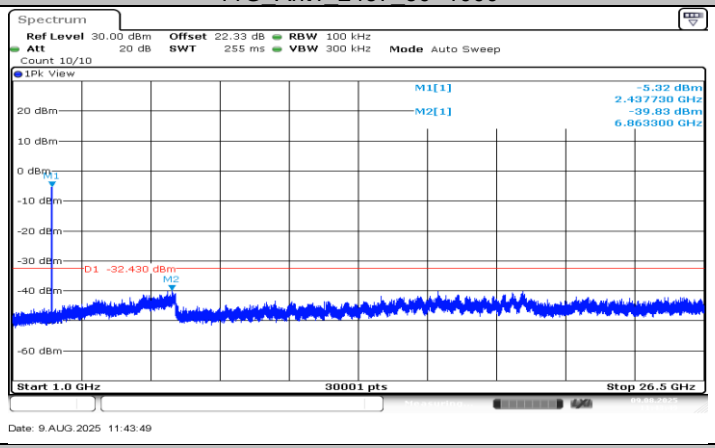

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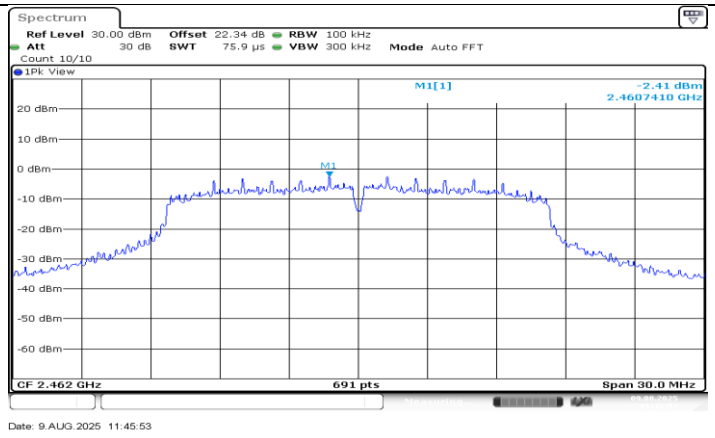

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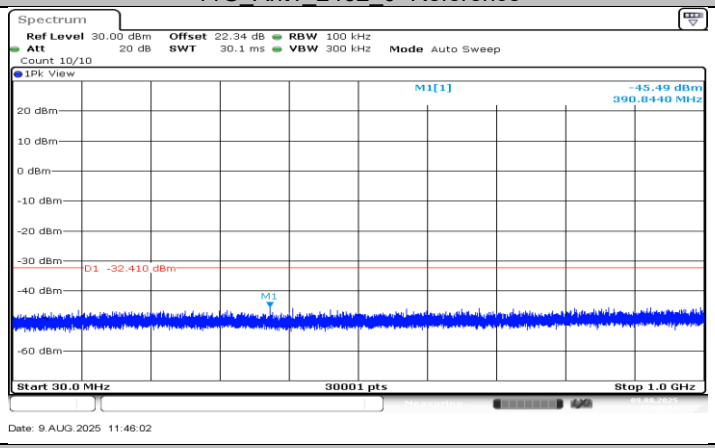

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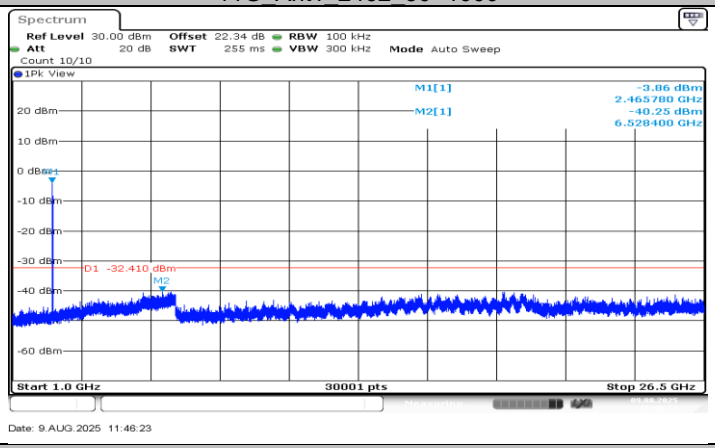

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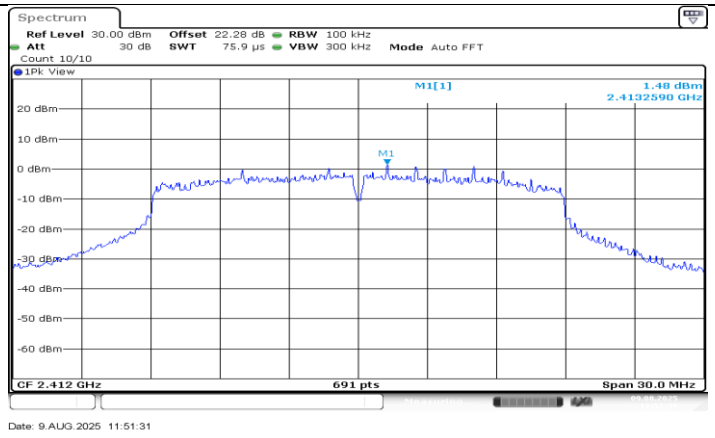

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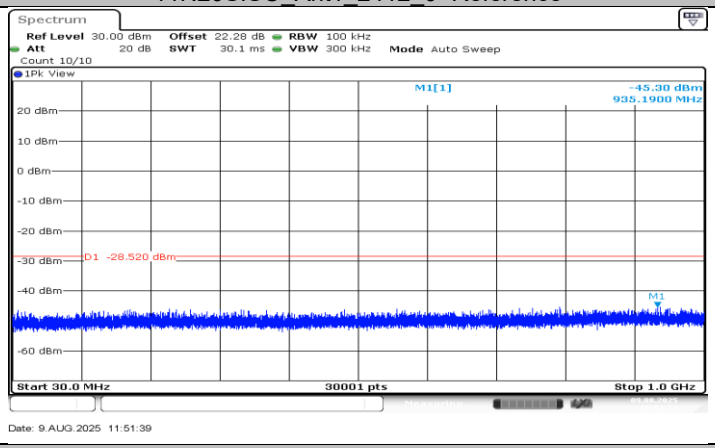

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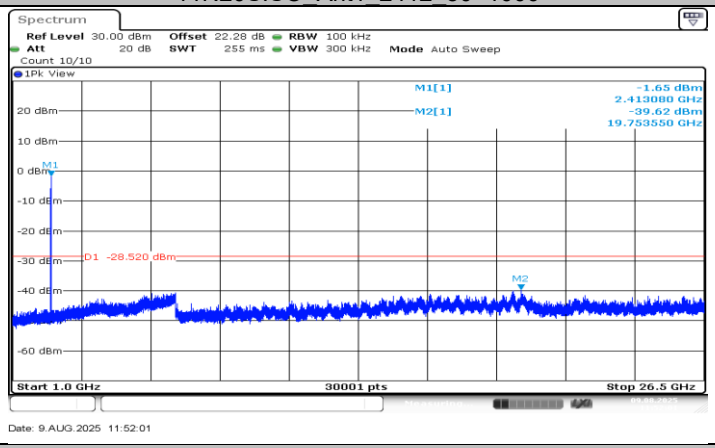

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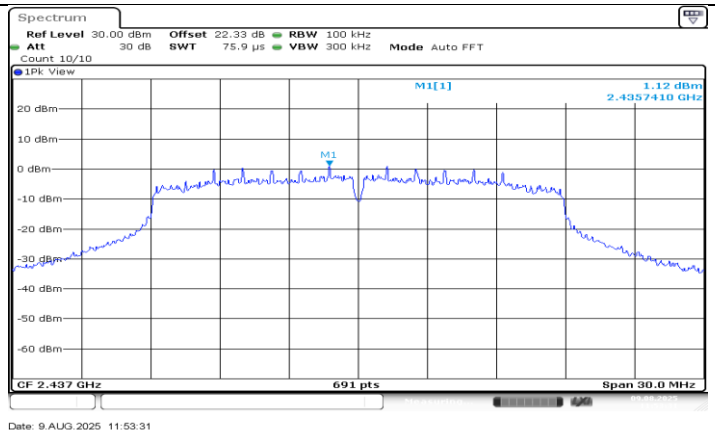

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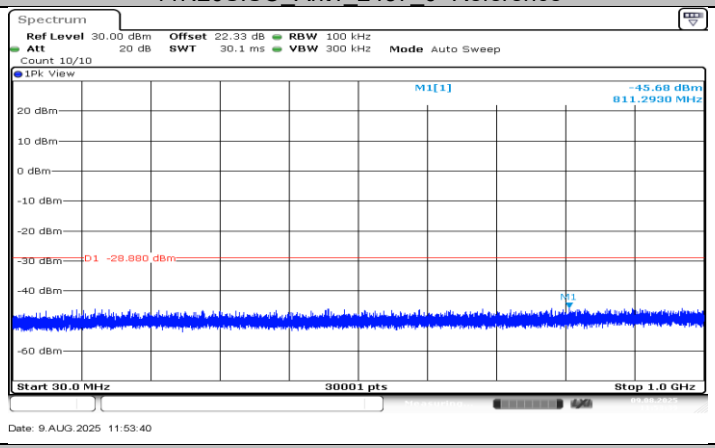

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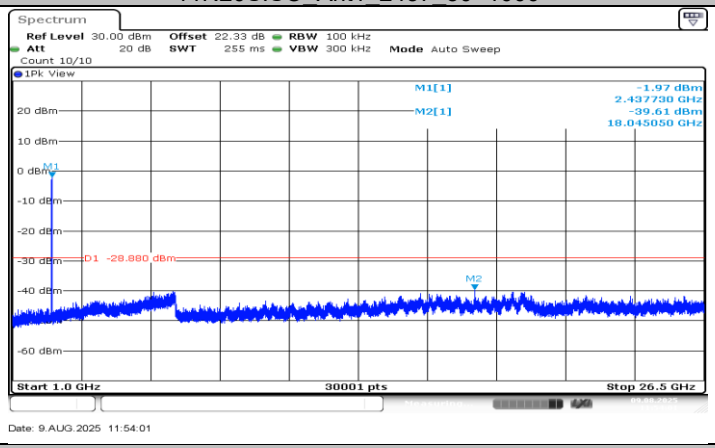

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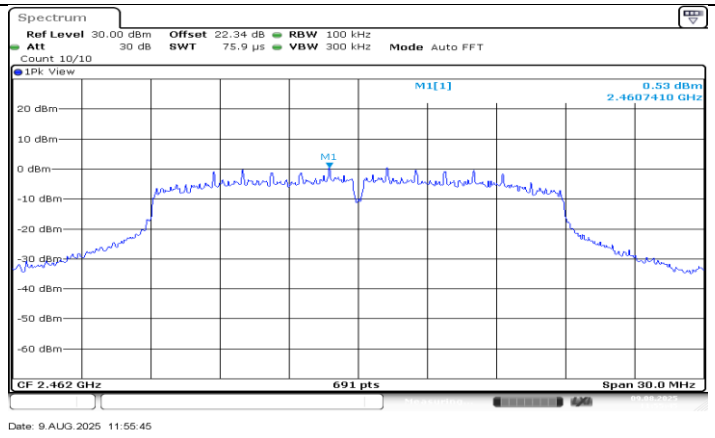

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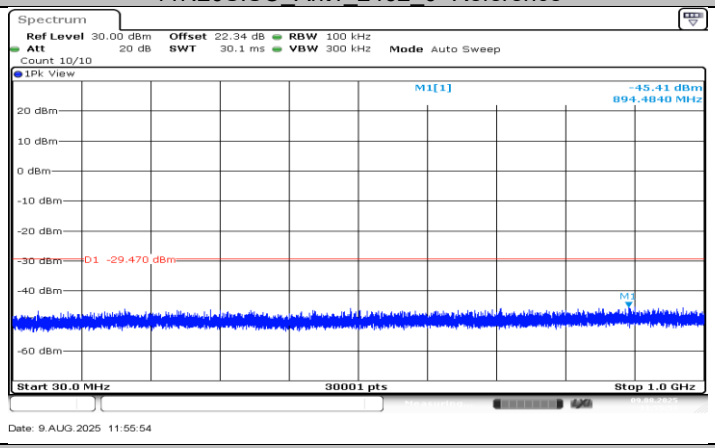

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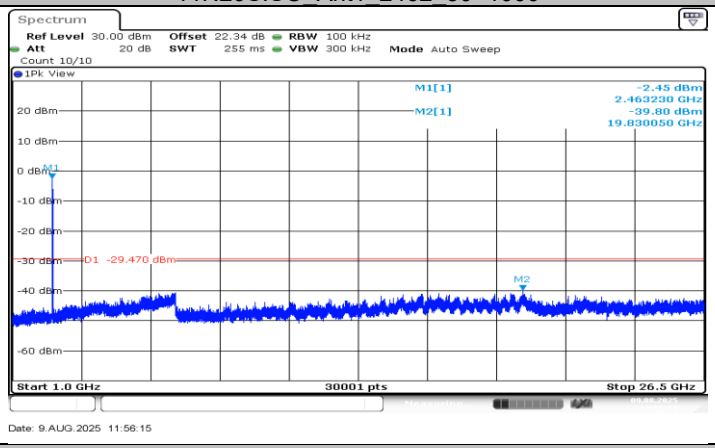

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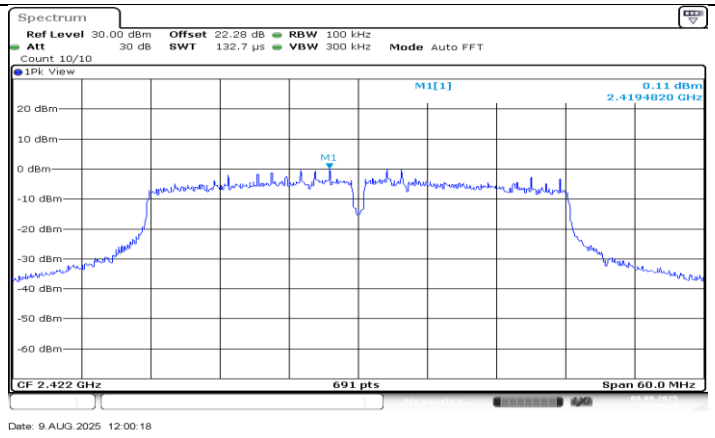

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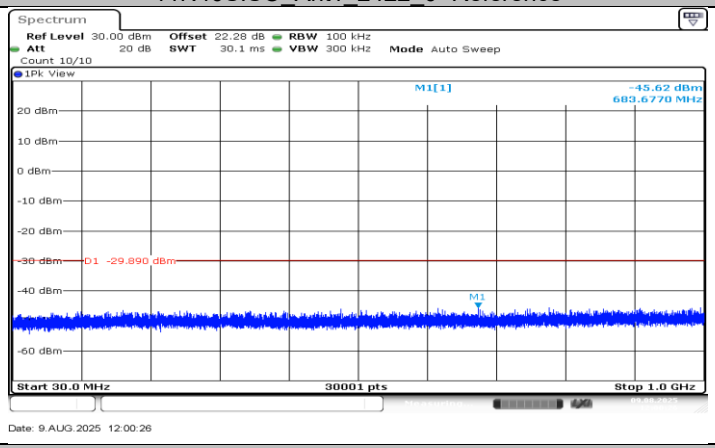

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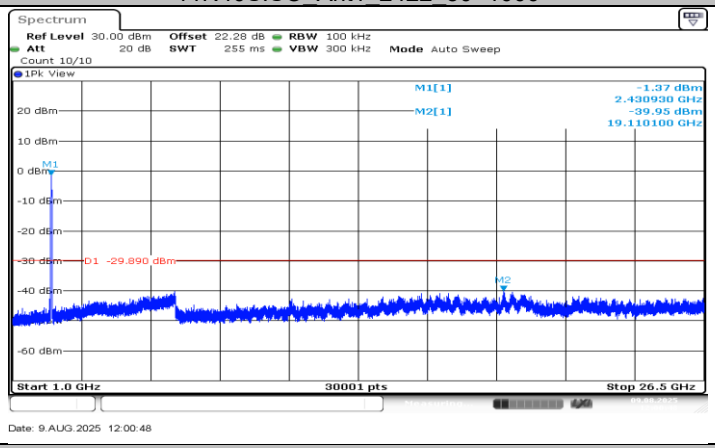

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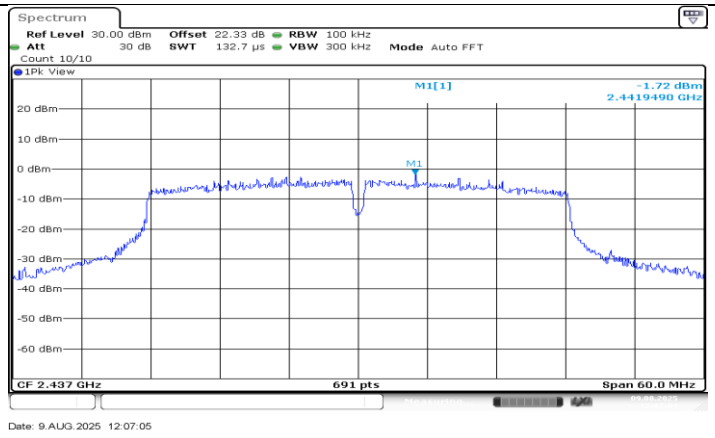

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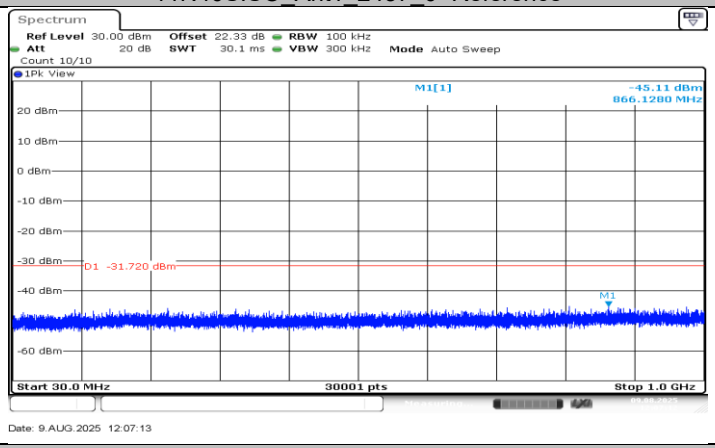

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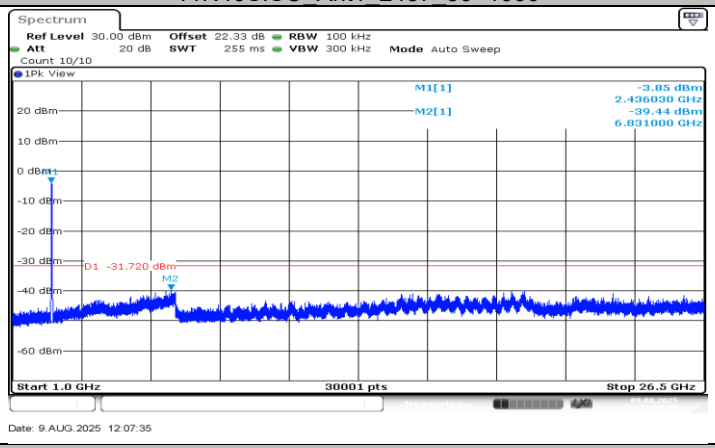

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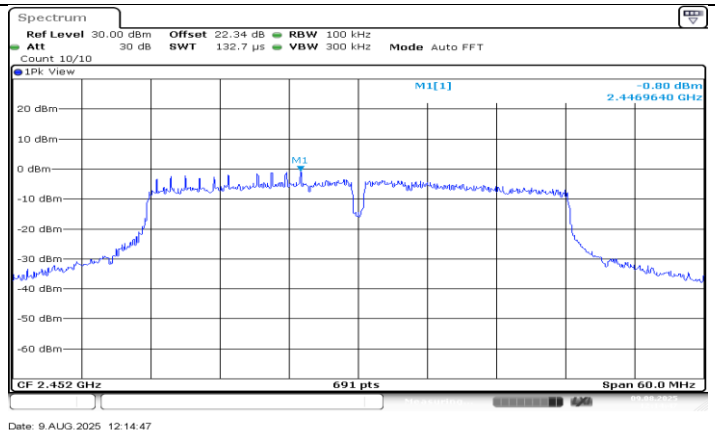

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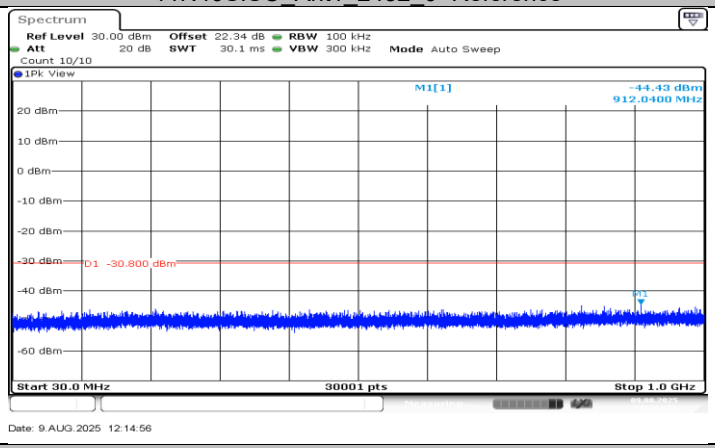

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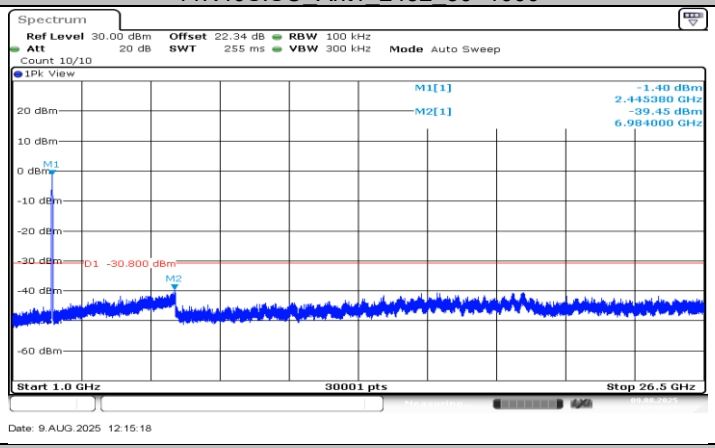

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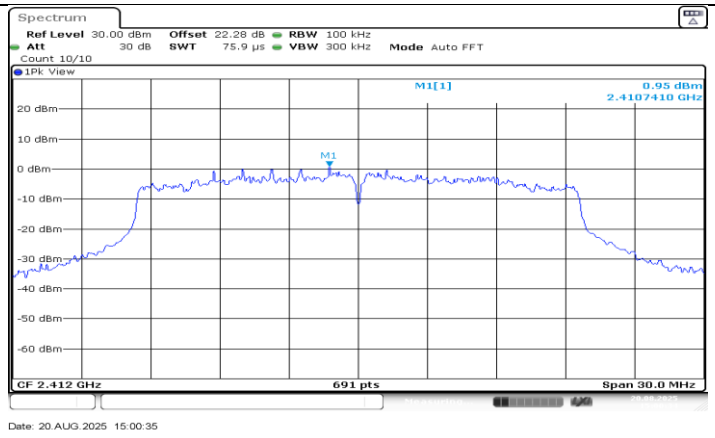

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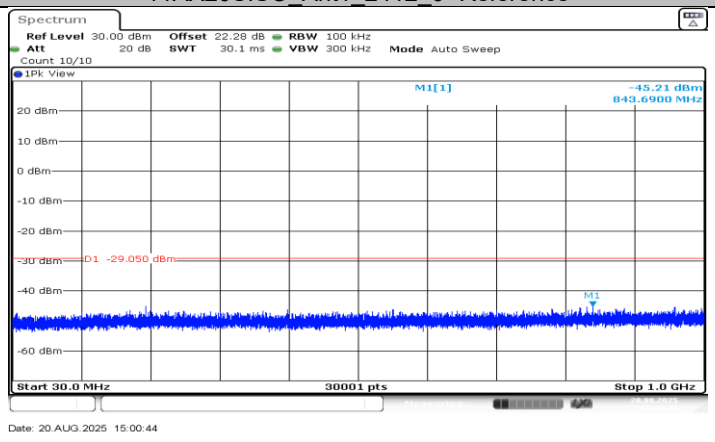

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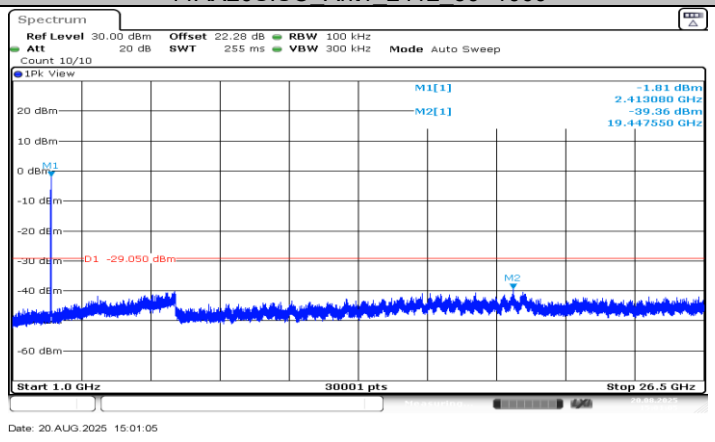

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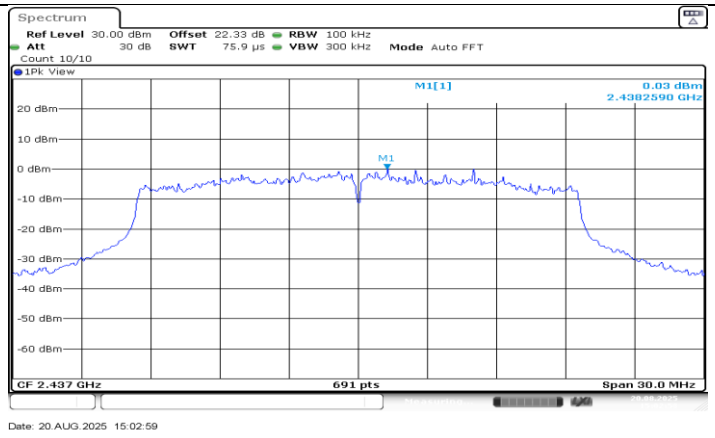

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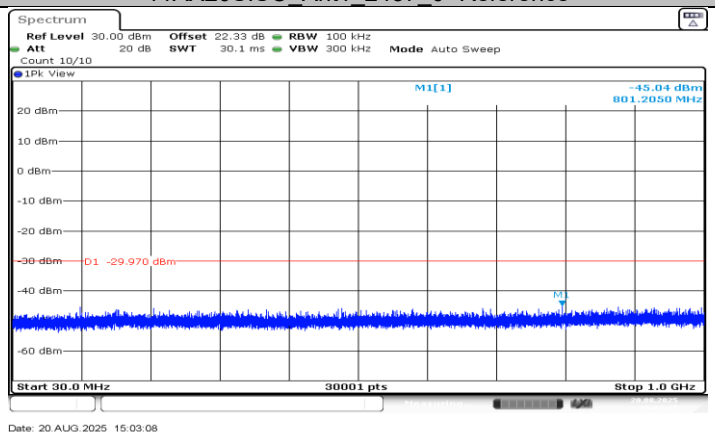

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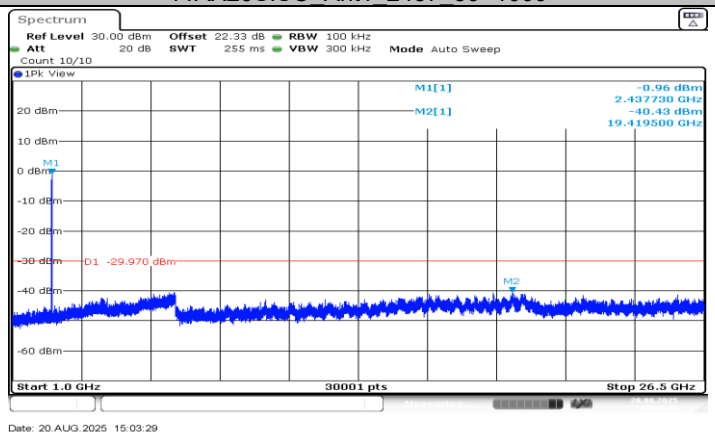

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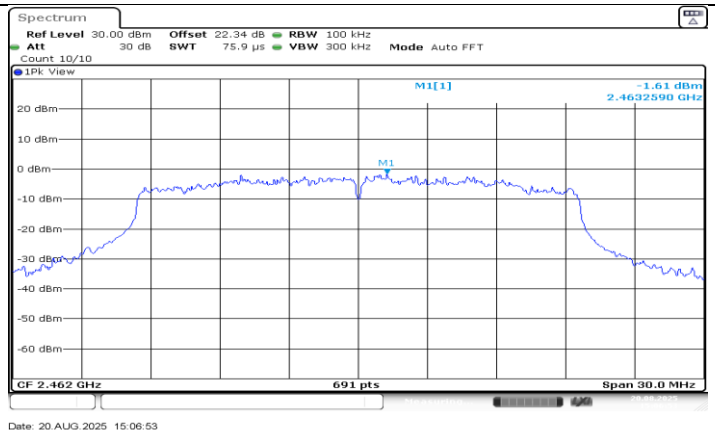

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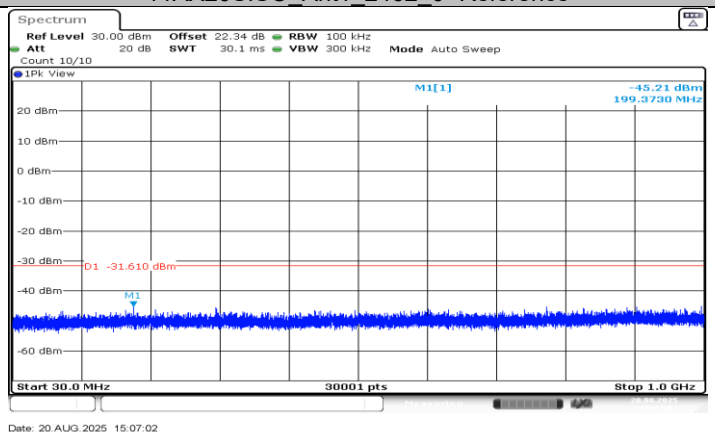

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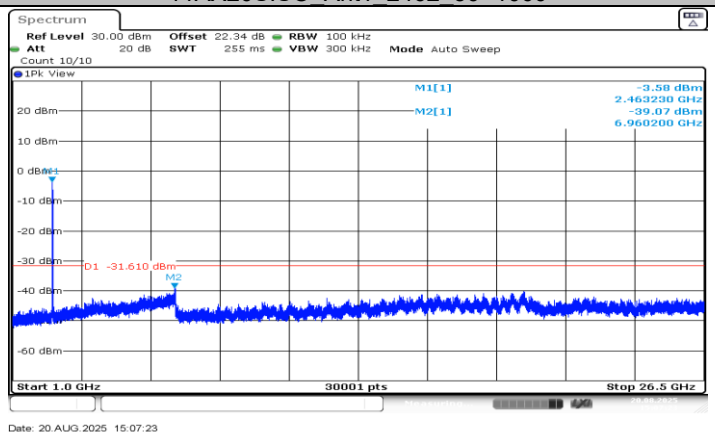

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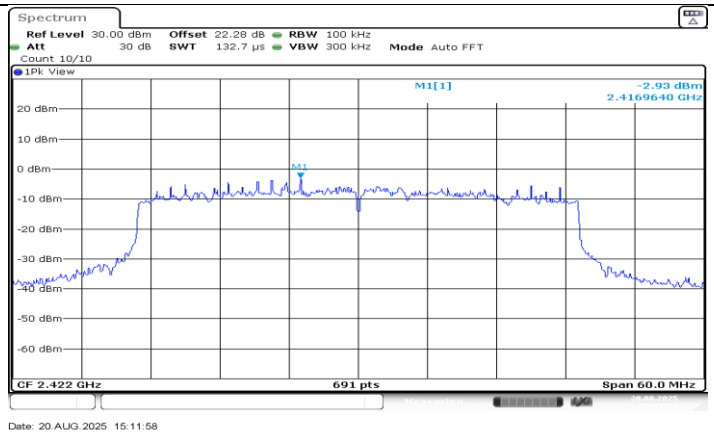

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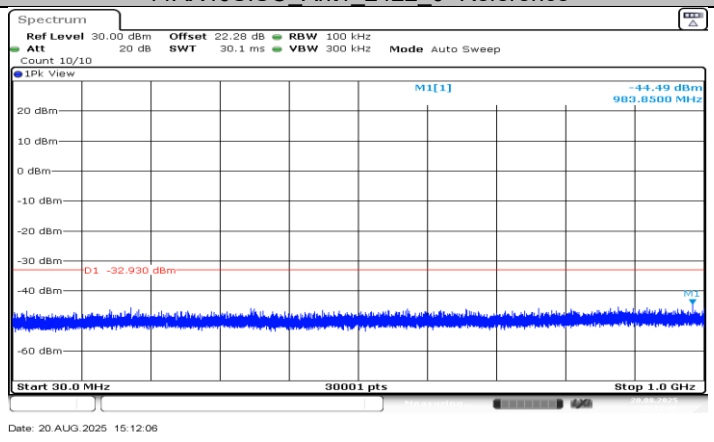

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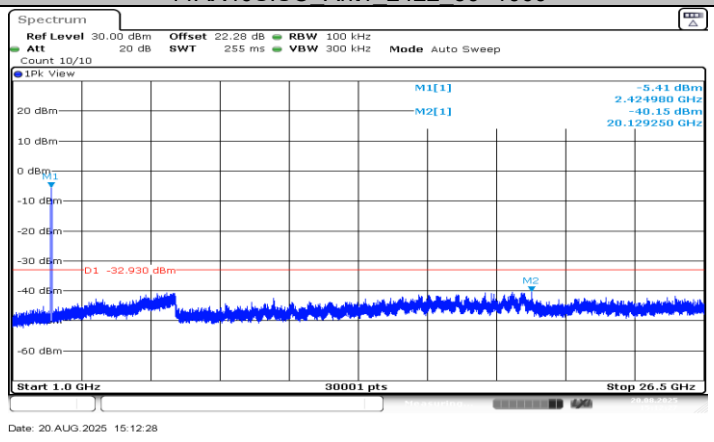

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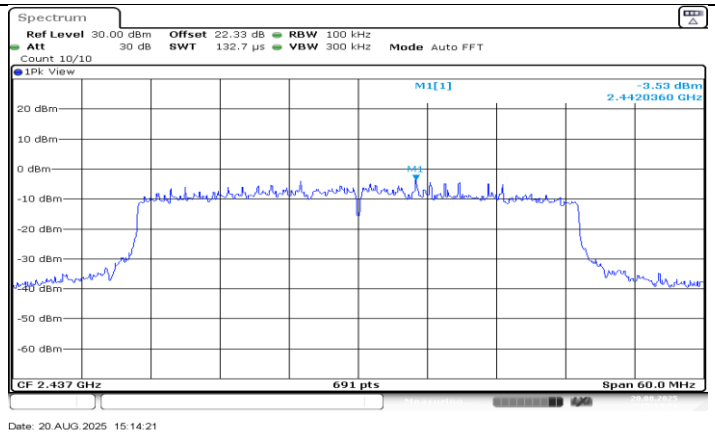

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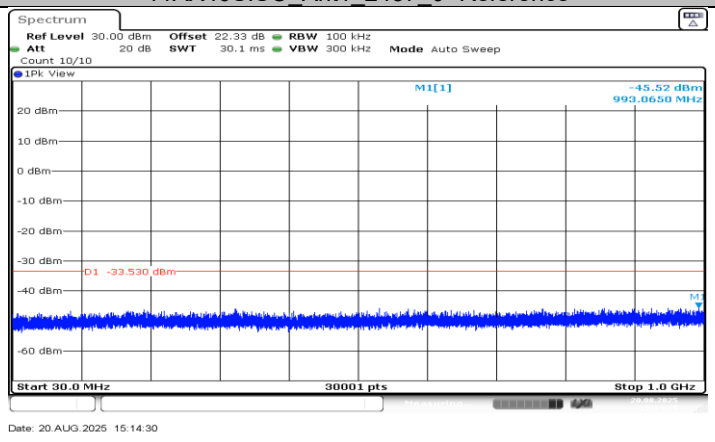

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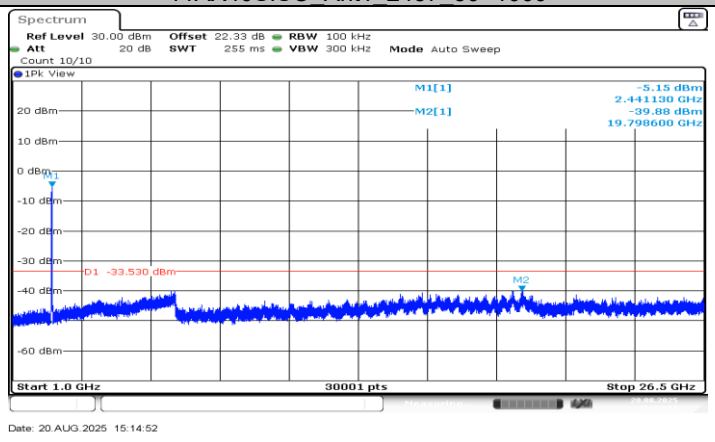

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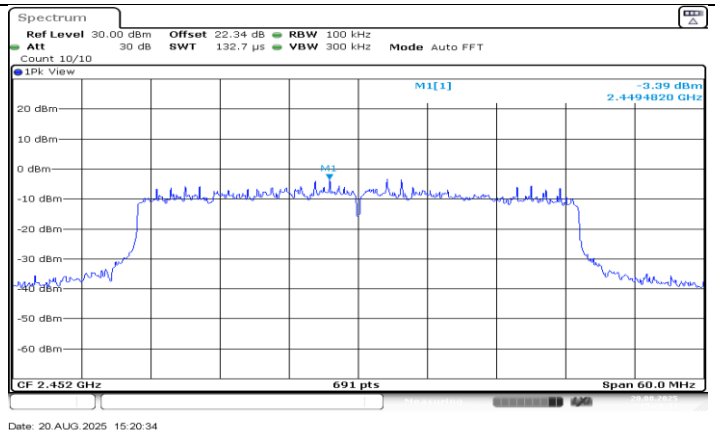

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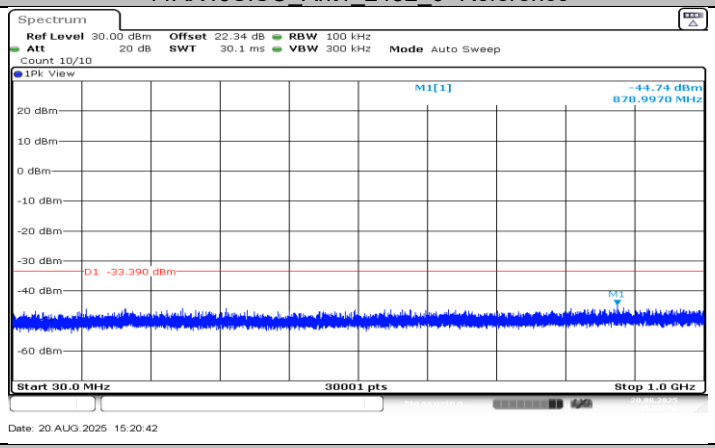

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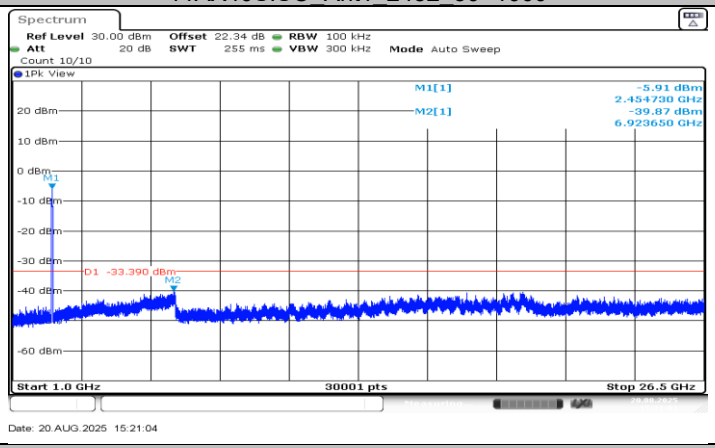


11AX40SISO_Ant1_2452_1000~26500

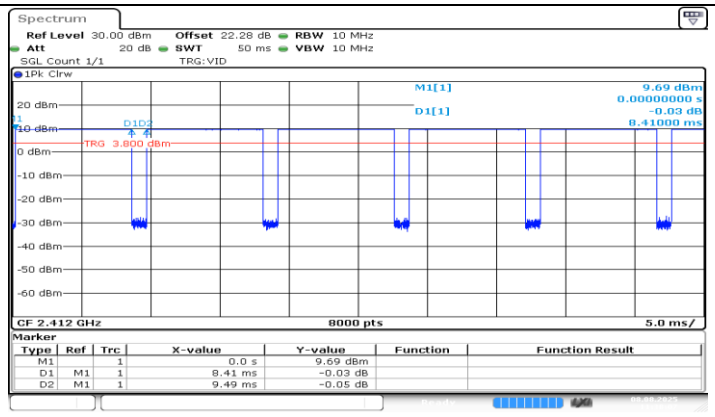
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

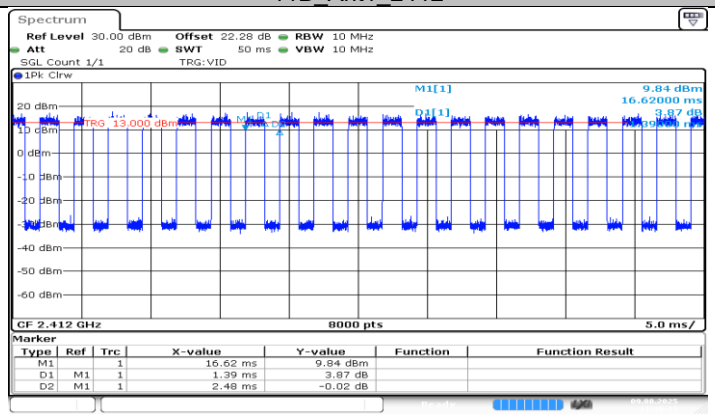
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.41	9.49	0.8862	88.62	0.52	0.12	1
11G	1.39	2.48	0.5605	56.05	2.51	0.72	1
11N20SISO	5.08	6.34	0.8013	80.13	0.96	0.20	1
11N40SISO	2.46	3.71	0.6631	66.31	1.78	0.41	1
11AX20SISO	3.87	5.12	0.7559	75.59	1.22	0.26	1
11AX40SISO	1.95	3.21	0.6075	60.75	2.16	0.51	1

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.

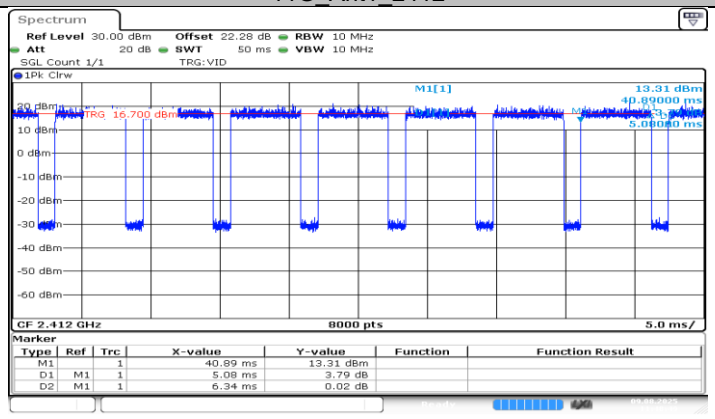
11.7.2. Test Graphs



11B_Ant1_2412



11G_Ant1_2412



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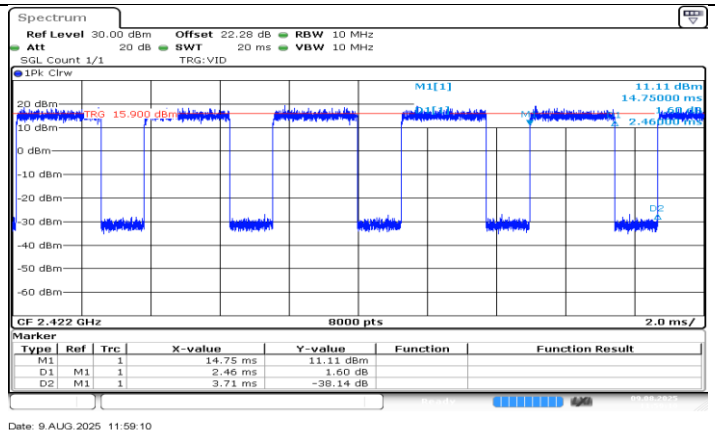

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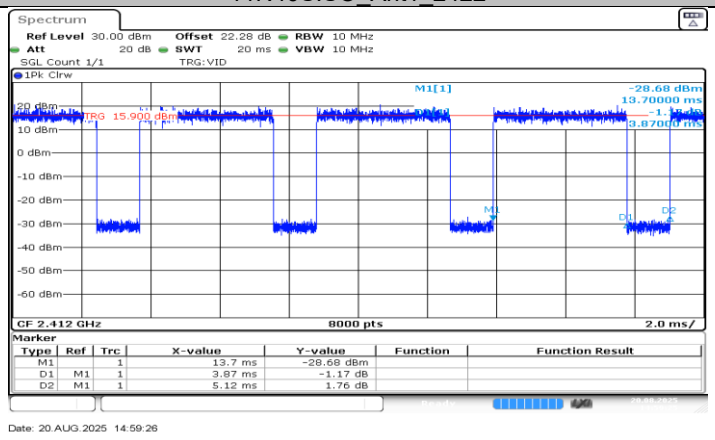

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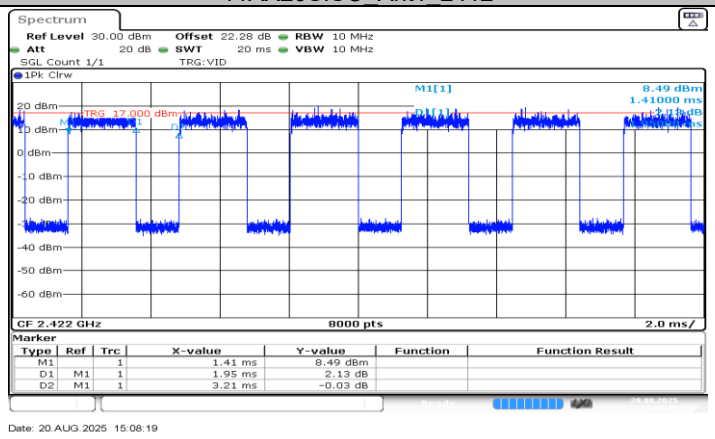

11AX40SISO_Ant1_2422