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	8.93	≤30.00	PASS
		2437	10.23	≤30.00	PASS
		2462	10.33	≤30.00	PASS
11G	Ant1	2412	13.52	≤30.00	PASS
		2437	13.20	≤30.00	PASS
		2462	12.93	≤30.00	PASS
11N20SISO	Ant1	2412	14.26	≤30.00	PASS
		2437	14.02	≤30.00	PASS
		2462	13.66	≤30.00	PASS
11N40SISO	Ant1	2422	8.79	≤30.00	PASS
		2437	8.59	≤30.00	PASS
		2452	8.31	≤30.00	PASS
11AX20SISO	Ant1	2412	10.10	≤30.00	PASS
		2437	9.58	≤30.00	PASS
		2462	9.54	≤30.00	PASS
11AX40SISO	Ant1	2422	8.96	≤30.00	PASS
		2437	8.86	≤30.00	PASS
		2452	8.61	≤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.

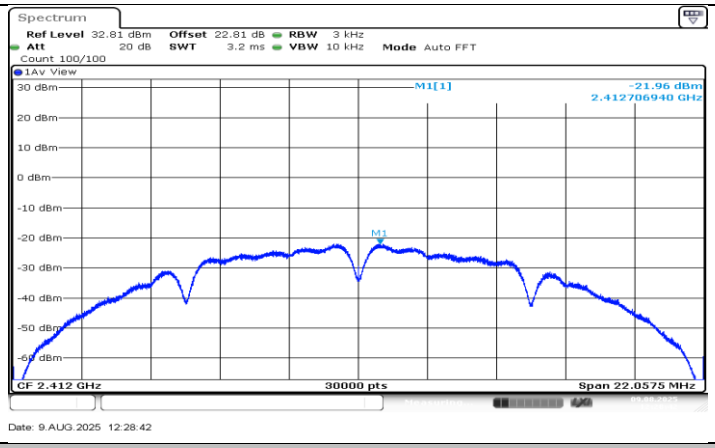
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

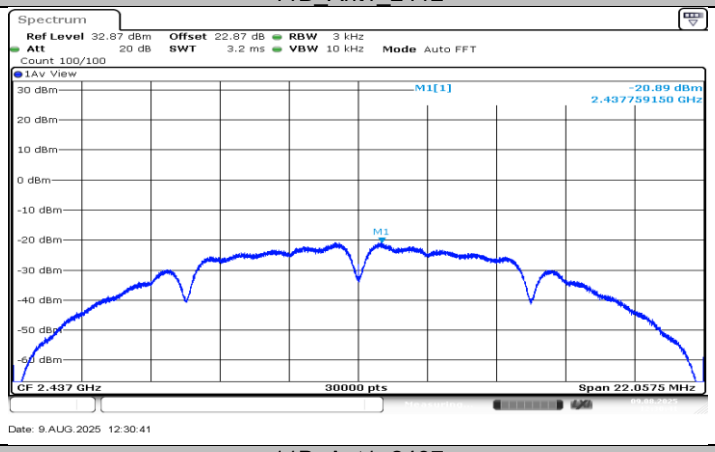
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-21.96	≤8.00	PASS
		2437	-20.89	≤8.00	PASS
		2462	-20.79	≤8.00	PASS
11G	Ant1	2412	-19.22	≤8.00	PASS
		2437	-19.22	≤8.00	PASS
		2462	-19.52	≤8.00	PASS
11N20SISO	Ant1	2412	-18.65	≤8.00	PASS
		2437	-19.13	≤8.00	PASS
		2462	-19.28	≤8.00	PASS
11N40SISO	Ant1	2422	-25.40	≤8.00	PASS
		2437	-26.26	≤8.00	PASS
		2452	-26.29	≤8.00	PASS
11AX20SISO	Ant1	2412	-22.62	≤8.00	PASS
		2437	-23.14	≤8.00	PASS
		2462	-23.84	≤8.00	PASS
11AX40SISO	Ant1	2422	-24.80	≤8.00	PASS
		2437	-24.99	≤8.00	PASS
		2452	-25.78	≤8.00	PASS

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

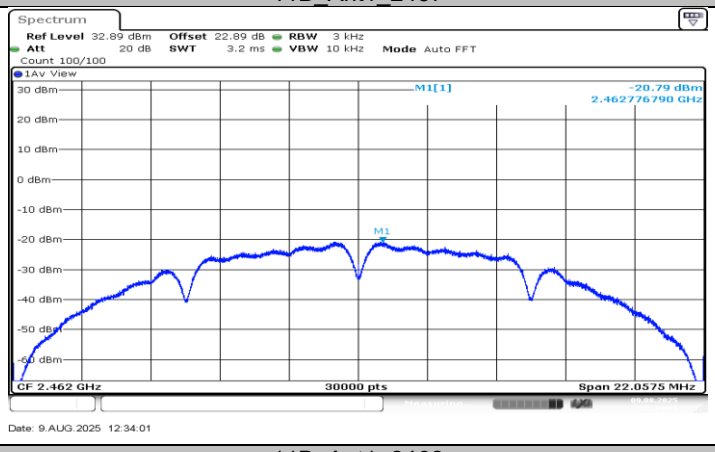
11.4.2. Test Graphs



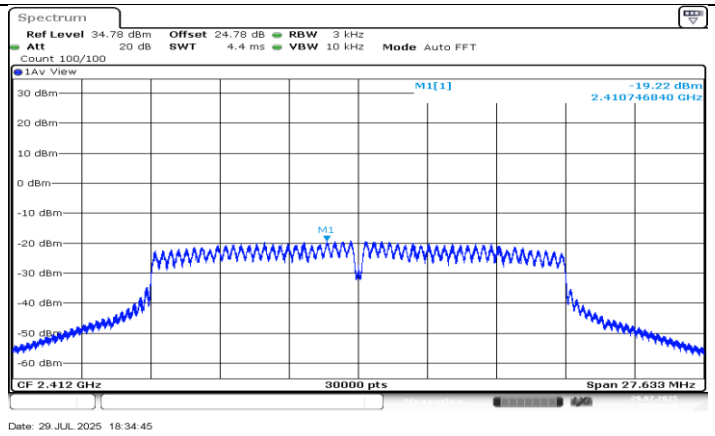
11B_Ant1_2412



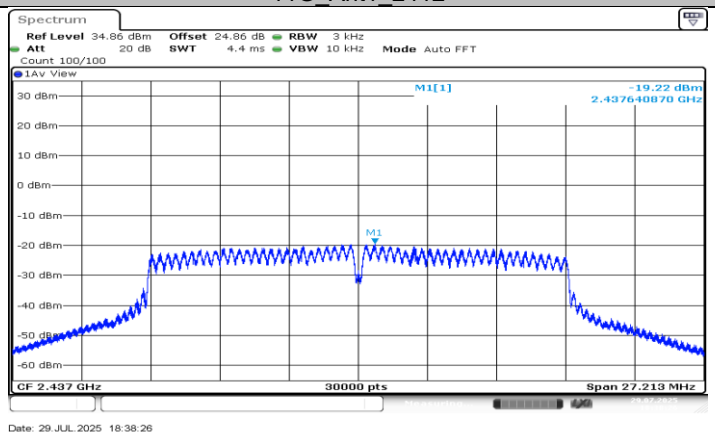
11B_Ant1_2437



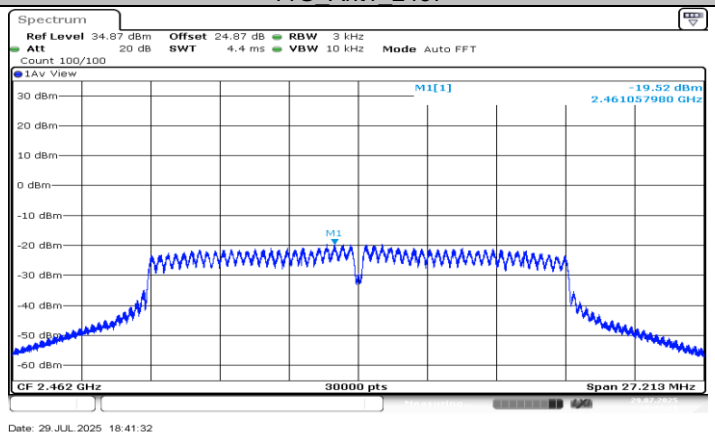
11B_Ant1_2462



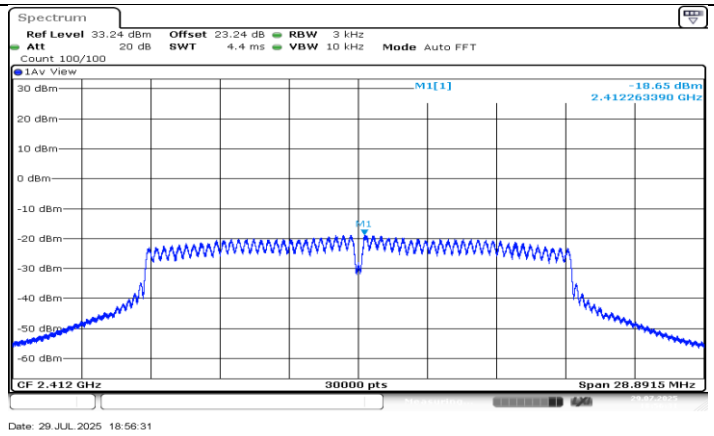
11G_Ant1_2412



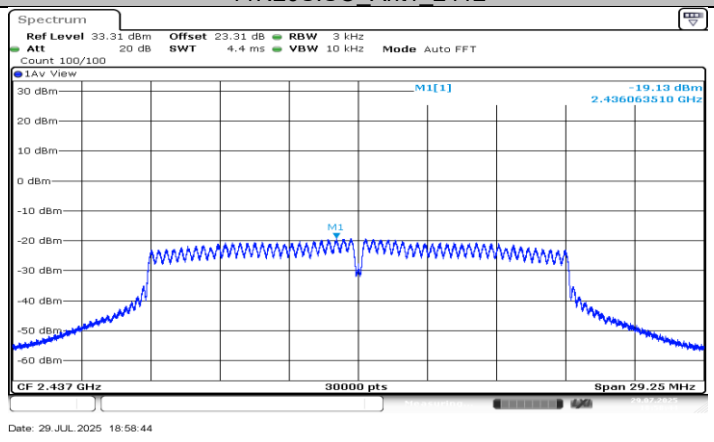
11G_Ant1_2437



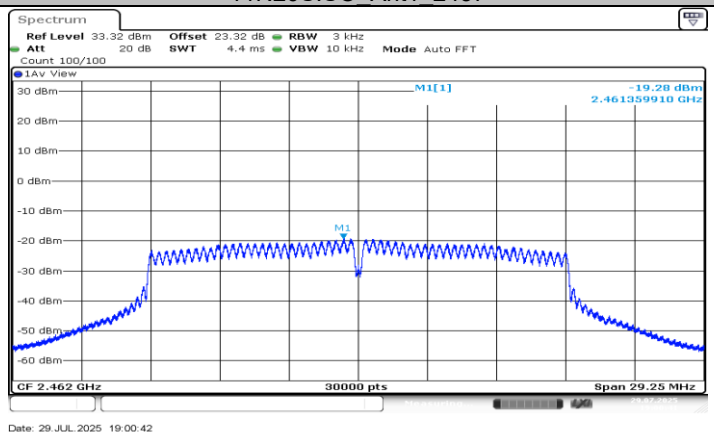
11G_Ant1_2462



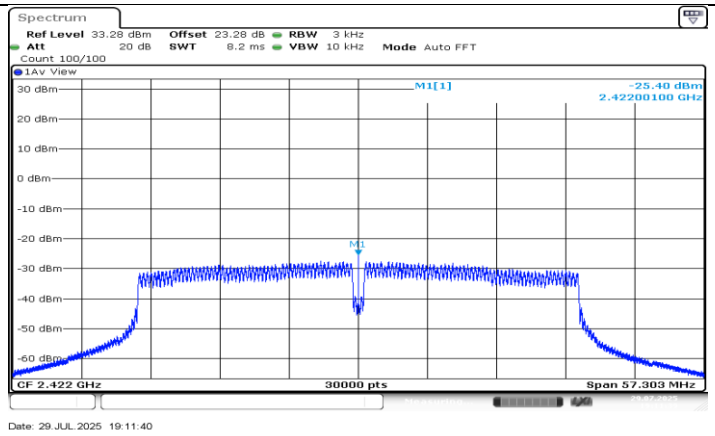
11N20SISO_Ant1_2412



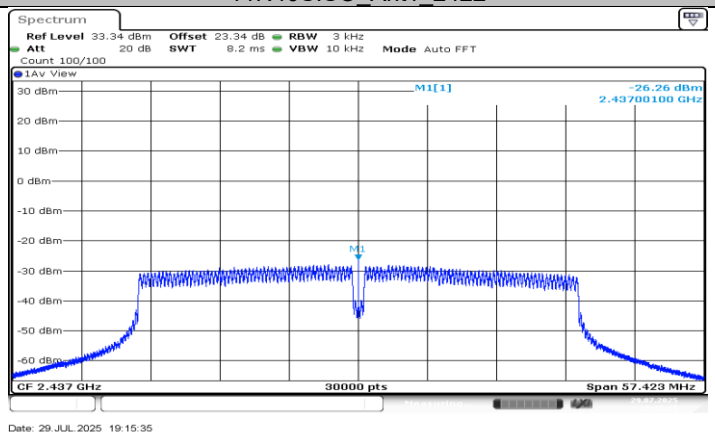
11N20SISO_Ant1_2437



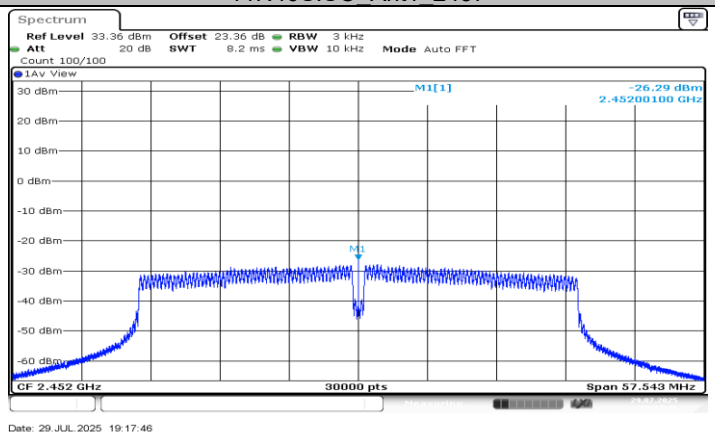
11N20SISO_Ant1_2462



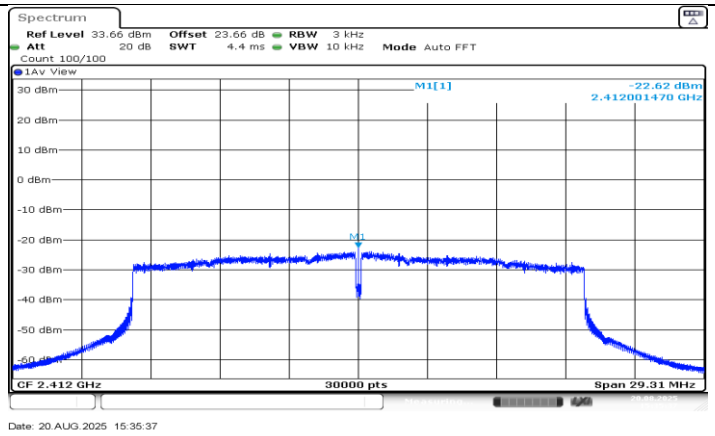
11N40SISO_Ant1_2422



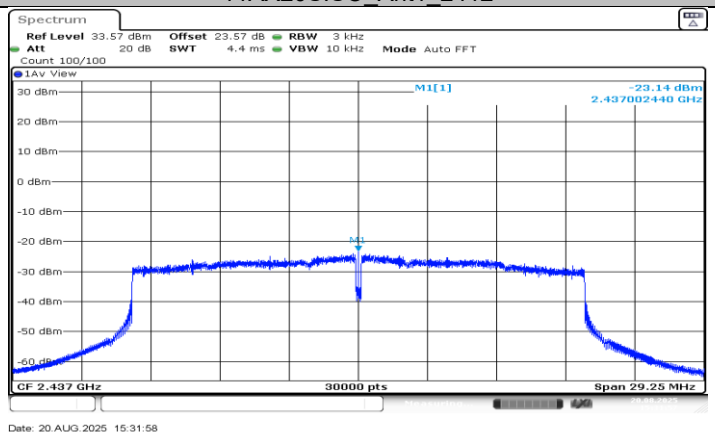
11N40SISO_Ant1_2437



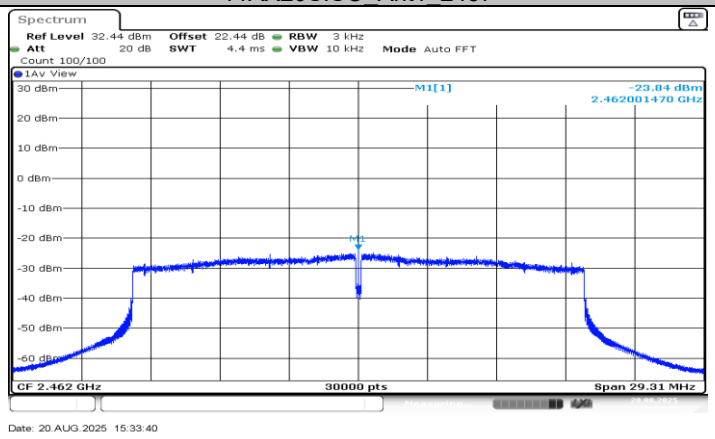
11N40SISO_Ant1_2452



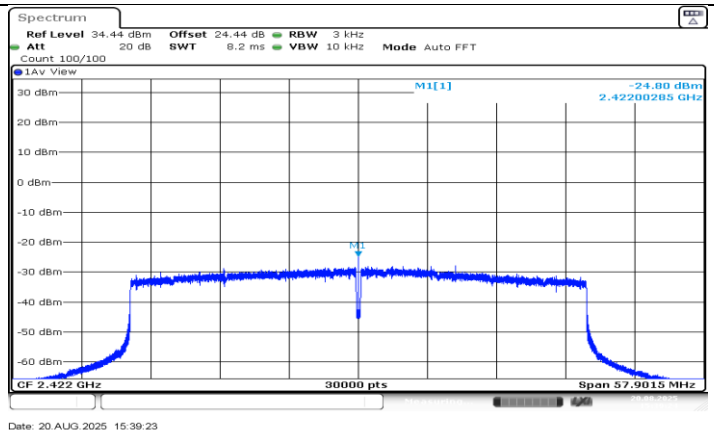
11AX20SISO_Ant1_2412



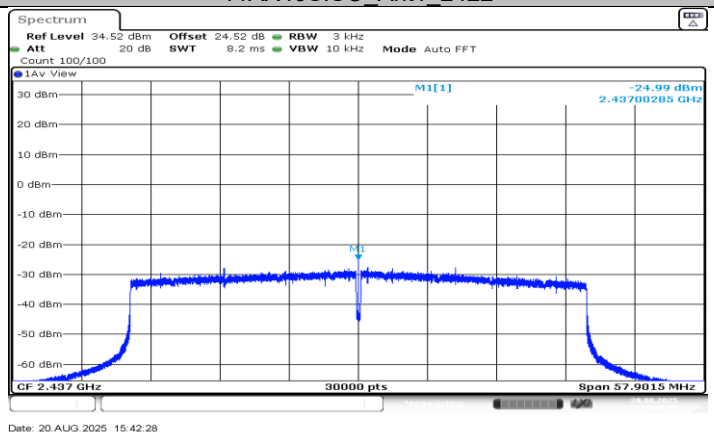
11AX20SISO_Ant1_2437



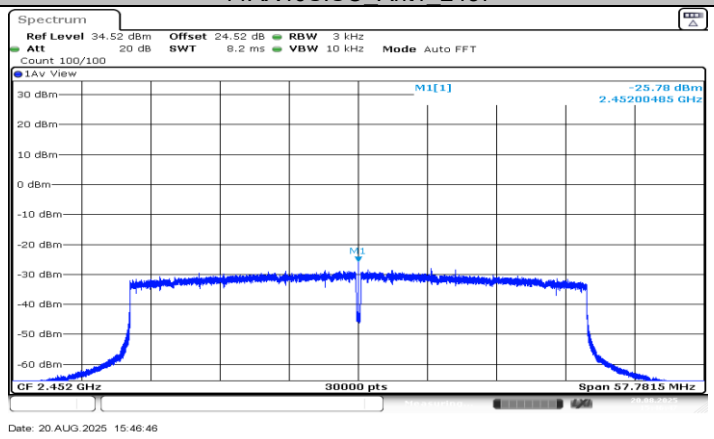
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



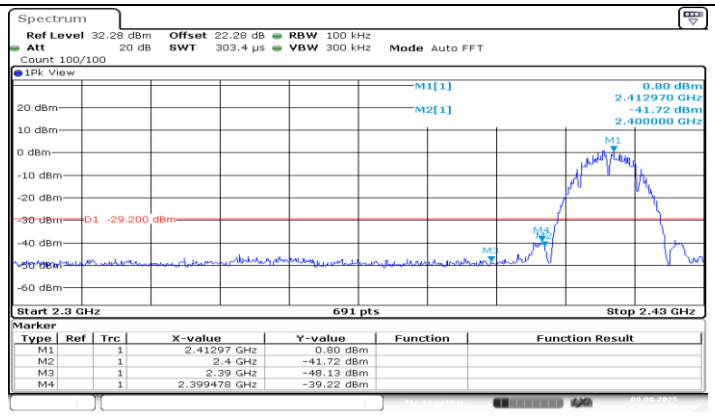
11AX40SISO_Ant1_2452

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

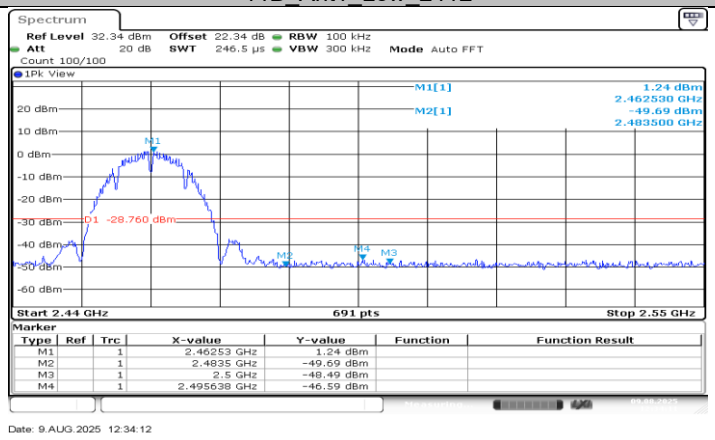
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.80	-39.22	≤-29.2	PASS
		High	2462	1.24	-46.59	≤-28.76	PASS
11G	Ant1	Low	2412	2.59	-28.49	≤-27.41	PASS
		High	2462	2.87	-46.05	≤-27.13	PASS
11N20SISO	Ant1	Low	2412	4.42	-25.75	≤-25.58	PASS
		High	2462	2.24	-44.75	≤-27.76	PASS
11N40SISO	Ant1	Low	2422	-4.15	-34.42	≤-34.15	PASS
		High	2452	-7.87	-44.79	≤-37.87	PASS
11AX20SISO	Ant1	Low	2412	-1.69	-33.78	≤-31.69	PASS
		High	2462	-2.89	-46.16	≤-32.89	PASS
11AX40SISO	Ant1	Low	2422	-4.22	-36.14	≤-34.22	PASS
		High	2452	-5.00	-45.95	≤-35	PASS

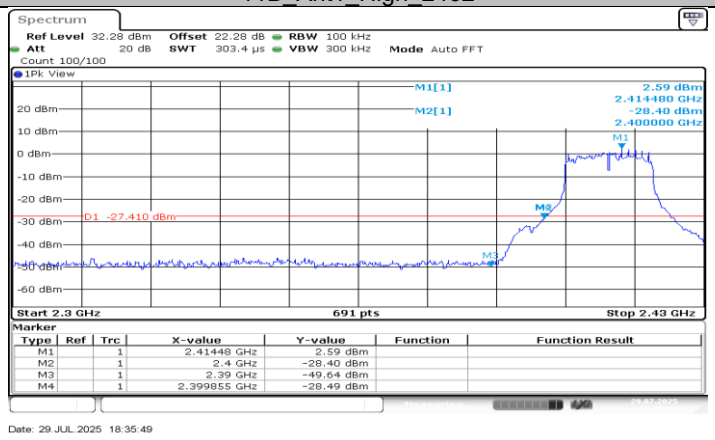
11.5.2. Test Graphs



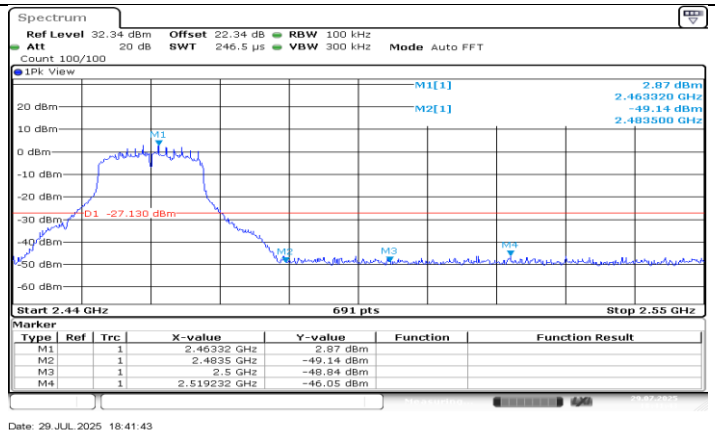
11B_Ant1_Low_2412



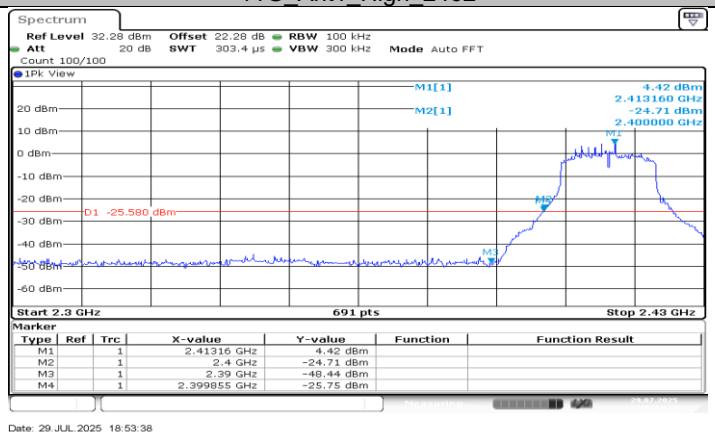
11B_Ant1_High_2462



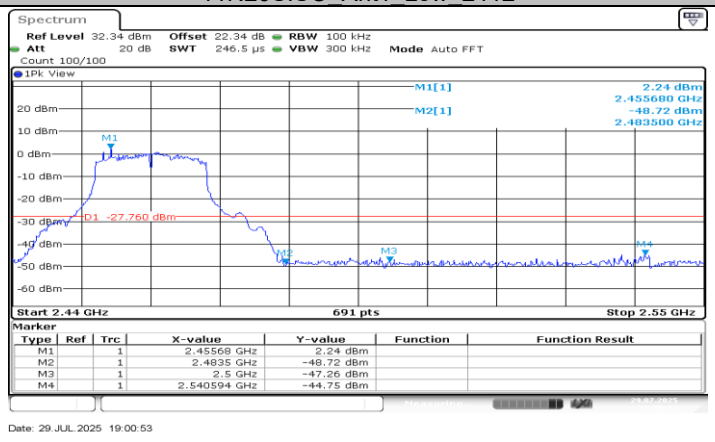
11G_Ant1_Low_2412



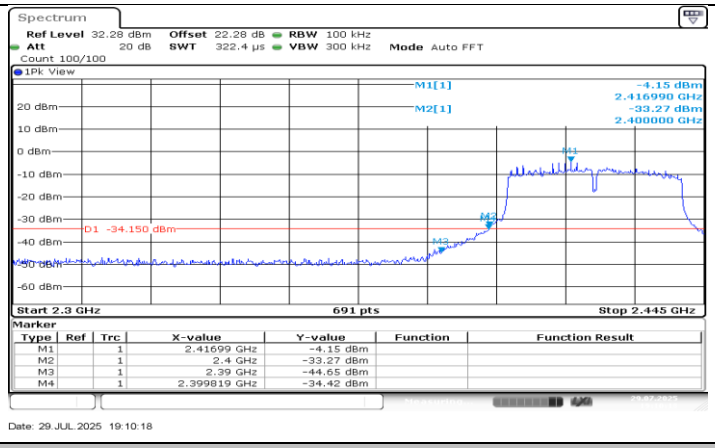
11G_Ant1_High_2462



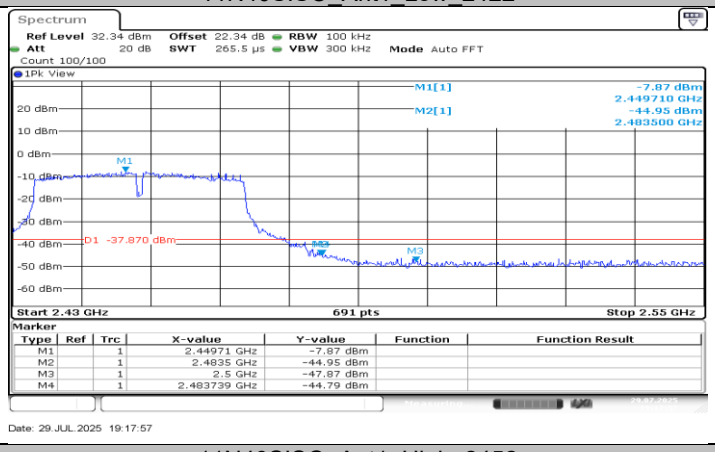
11N20SISO_Ant1_Low_2412



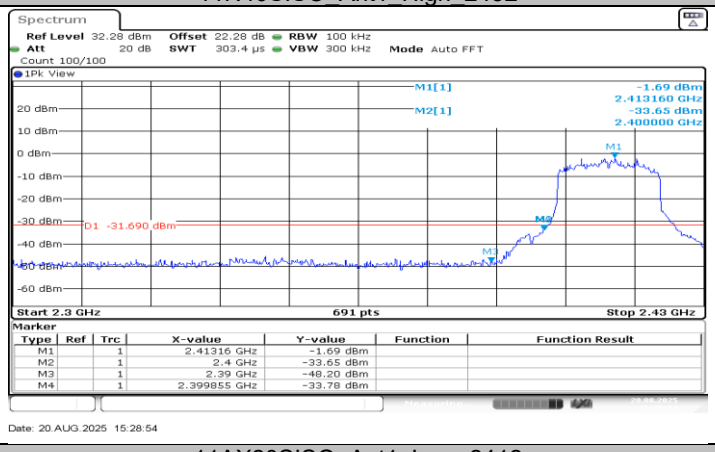
11N20SISO_Ant1_High_2462



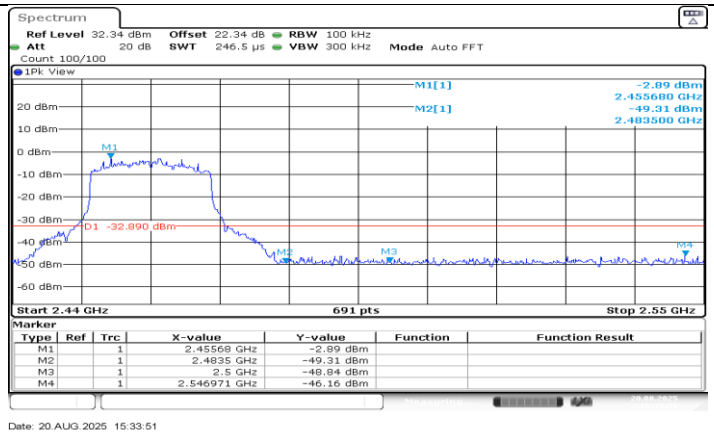
11N40SISO_Ant1_Low_2422



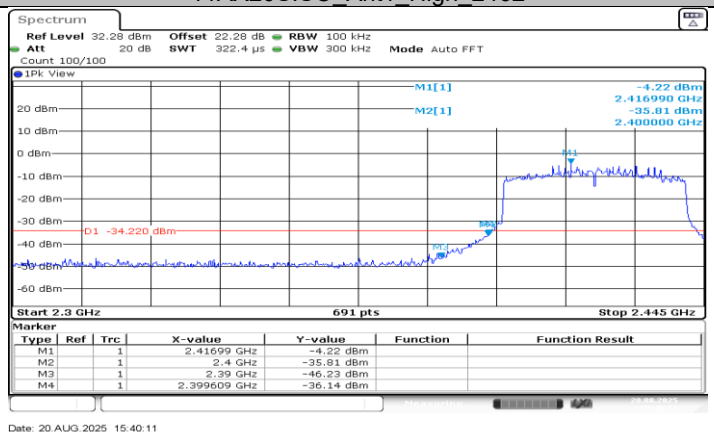
11N40SISO_Ant1_High_2452



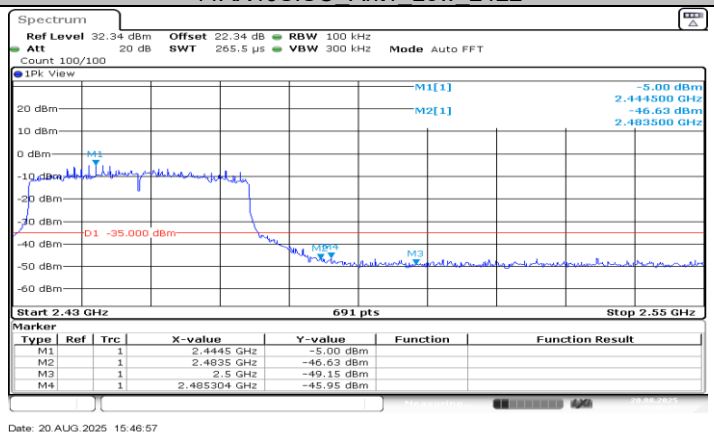
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



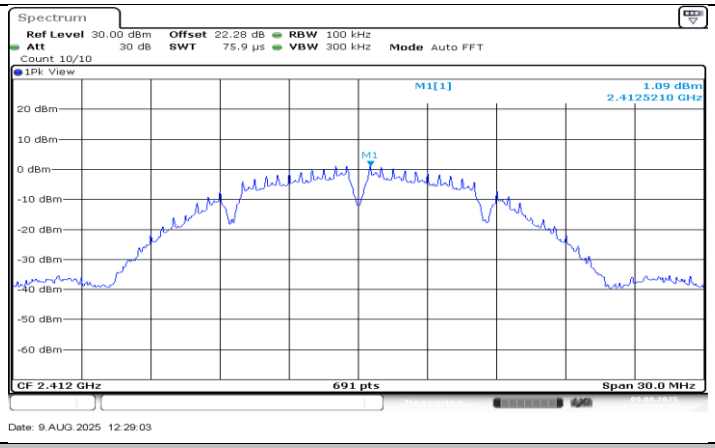
11AX40SISO_Ant1_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

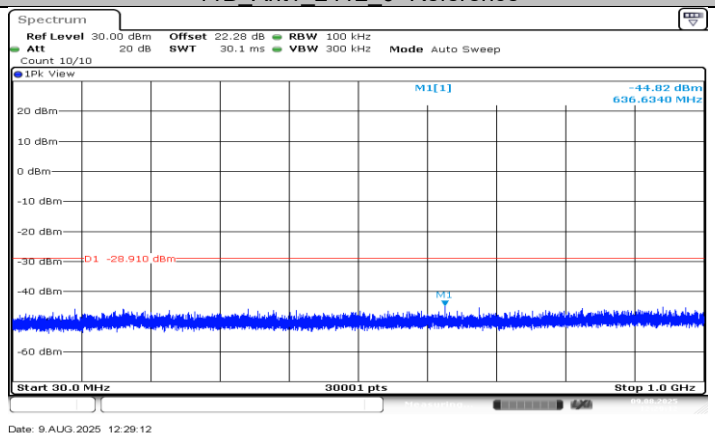
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.09	---	PASS
			30~1000	-44.82	≤-28.91	PASS
			1000~26500	-40.49	≤-28.91	PASS
		2437	Reference	2.52	---	PASS
			30~1000	-45.17	≤-27.48	PASS
			1000~26500	-39.96	≤-27.48	PASS
		2462	Reference	1.83	---	PASS
			30~1000	-44.96	≤-28.17	PASS
			1000~26500	-40.1	≤-28.17	PASS
11G	Ant1	2412	Reference	2.55	---	PASS
			30~1000	-44.97	≤-27.45	PASS
			1000~26500	-39.74	≤-27.45	PASS
		2437	Reference	3.30	---	PASS
			30~1000	-44.73	≤-26.7	PASS
			1000~26500	-40.02	≤-26.7	PASS
		2462	Reference	2.74	---	PASS
			30~1000	-44.75	≤-27.26	PASS
			1000~26500	-40.35	≤-27.26	PASS
11N20SISO	Ant1	2412	Reference	2.88	---	PASS
			30~1000	-44.78	≤-27.12	PASS
			1000~26500	-39.87	≤-27.12	PASS
		2437	Reference	3.94	---	PASS
			30~1000	-44.5	≤-26.06	PASS
			1000~26500	-40.47	≤-26.06	PASS
		2462	Reference	3.89	---	PASS
			30~1000	-45.21	≤-26.11	PASS
			1000~26500	-39.07	≤-26.11	PASS
11N40SISO	Ant1	2422	Reference	-4.42	---	PASS
			30~1000	-44.56	≤-34.42	PASS
			1000~26500	-40.37	≤-34.42	PASS
		2437	Reference	-6.98	---	PASS
			30~1000	-45.11	≤-36.98	PASS
			1000~26500	-39.6	≤-36.98	PASS
		2452	Reference	-6.61	---	PASS
			30~1000	-44.88	≤-36.61	PASS
			1000~26500	-39.91	≤-36.61	PASS
11AX20SISO	Ant1	2412	Reference	0.16	---	PASS
			30~1000	-44.48	≤-29.84	PASS
			1000~26500	-40.24	≤-29.84	PASS
		2437	Reference	-2.13	---	PASS
			30~1000	-44.8	≤-32.13	PASS
			1000~26500	-40.25	≤-32.13	PASS
		2462	Reference	-0.97	---	PASS
			30~1000	-45.15	≤-30.97	PASS
			1000~26500	-39.45	≤-30.97	PASS
11AX40SISO	Ant1	2422	Reference	-4.52	---	PASS
			30~1000	-44.67	≤-34.52	PASS
			1000~26500	-40.49	≤-34.52	PASS
		2437	Reference	-5.77	---	PASS
			30~1000	-44.88	≤-35.77	PASS
			1000~26500	-39.79	≤-35.77	PASS
		2452	Reference	-4.51	---	PASS
			30~1000	-44.5	≤-34.51	PASS
			1000~26500	-39.56	≤-34.51	PASS

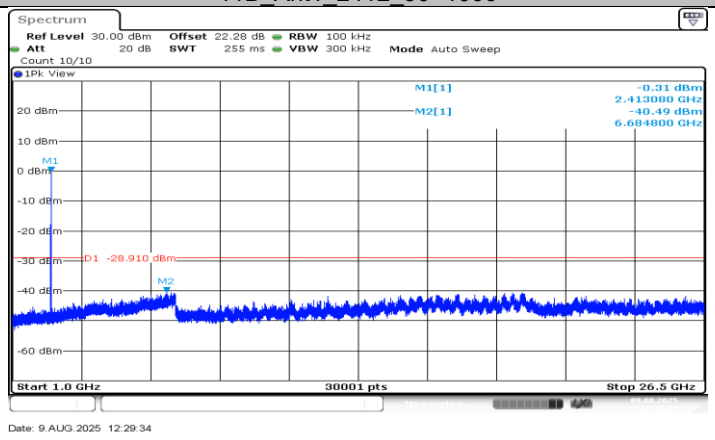
11.6.2. Test Graphs



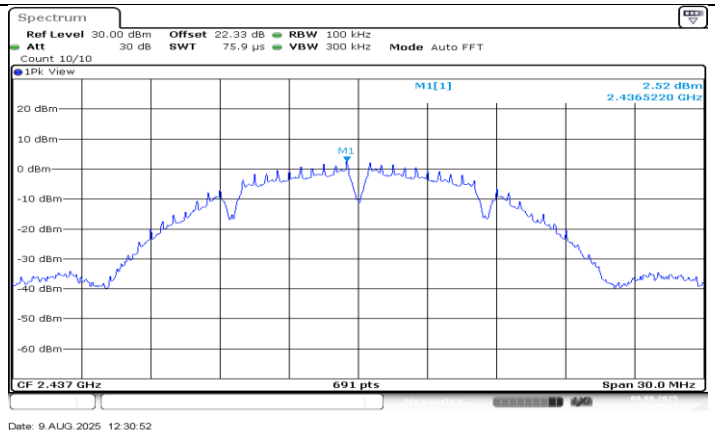
11B_Ant1_2412_0~Reference



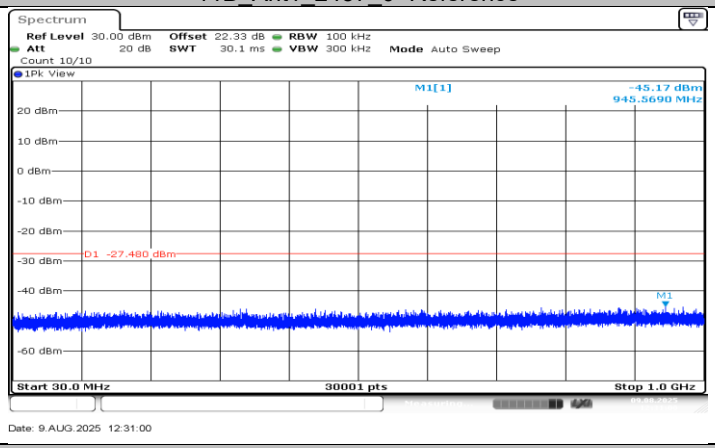
11B_Ant1_2412_30~1000



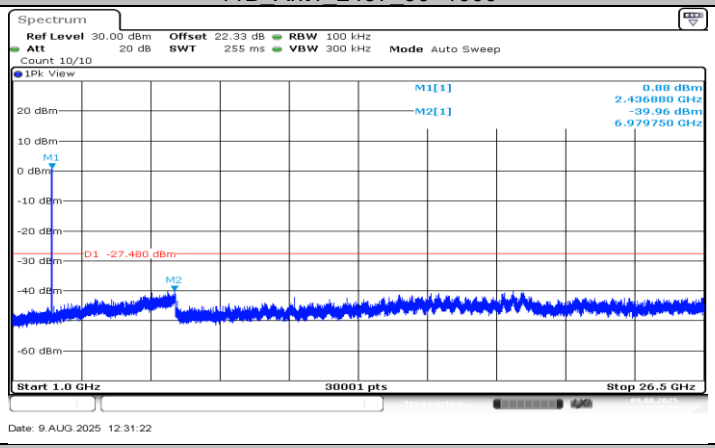
11B_Ant1_2412_1000~26500



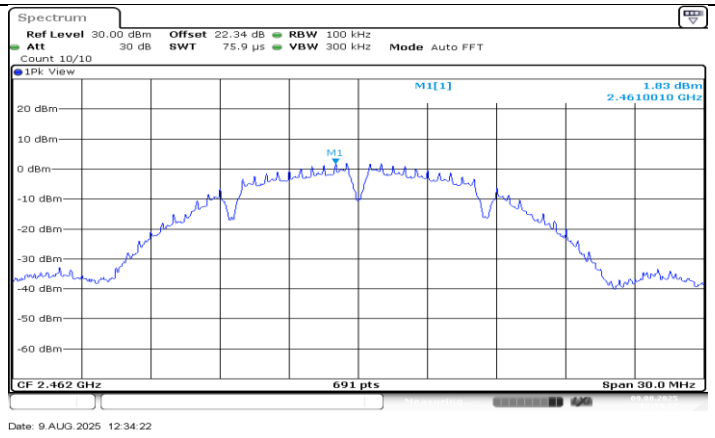
11B_Ant1_2437_0~Reference



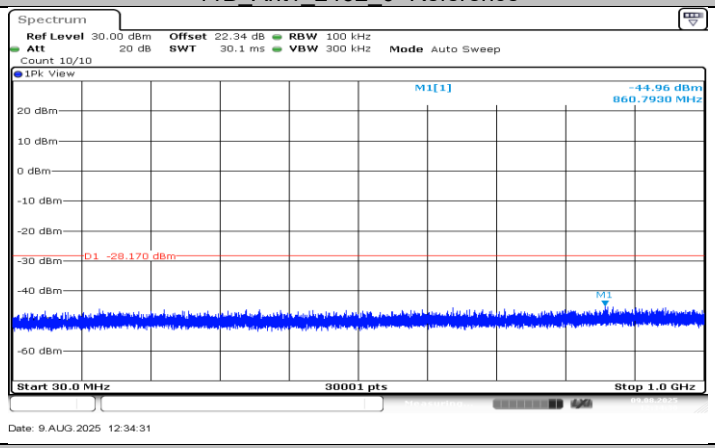
11B_Ant1_2437_30~1000



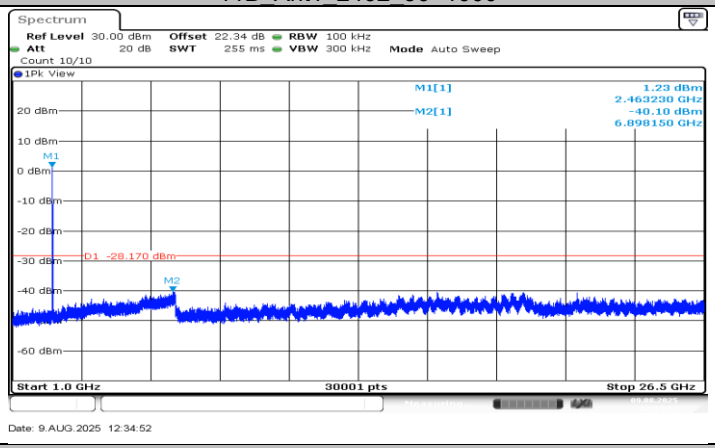
11B_Ant1_2437_1000~26500



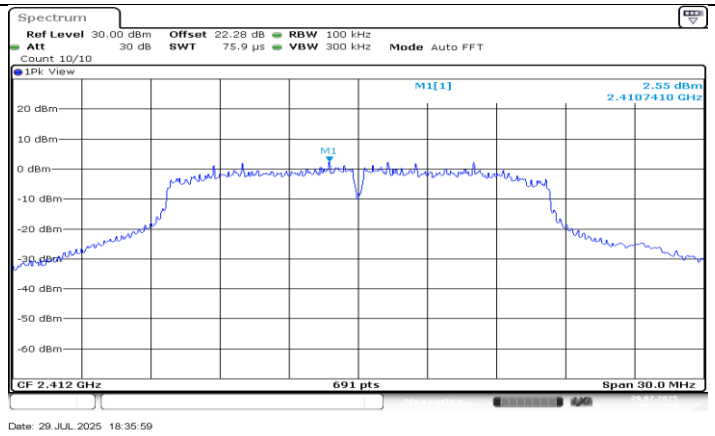
11B_Ant1_2462_0~Reference



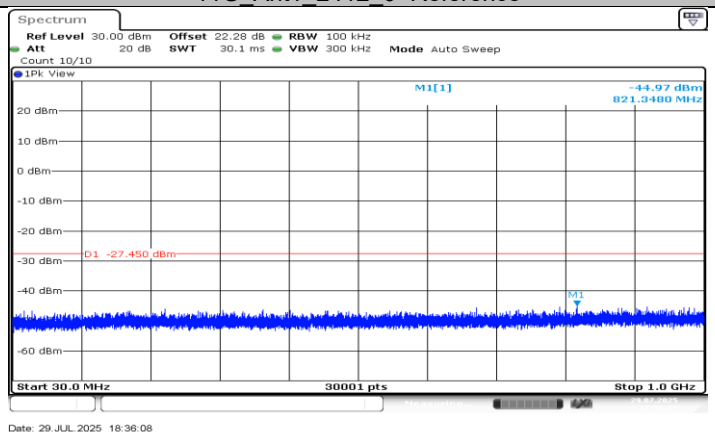
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



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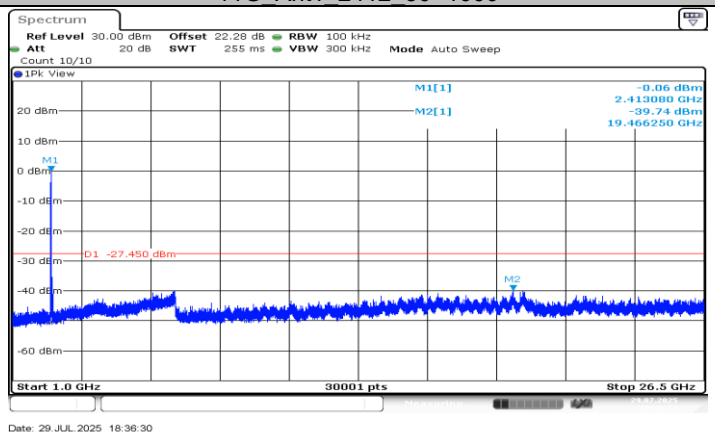

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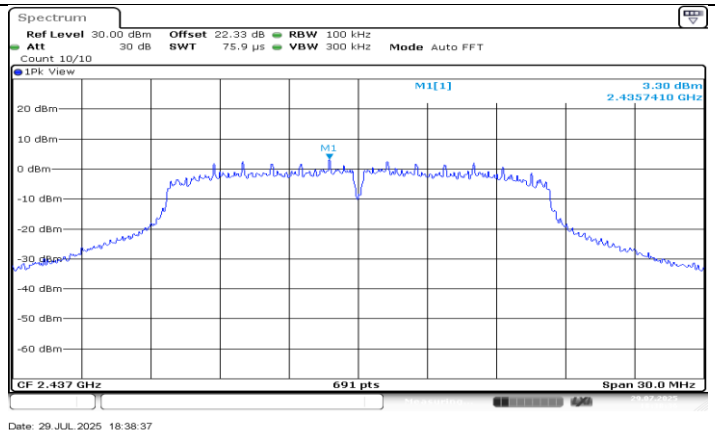

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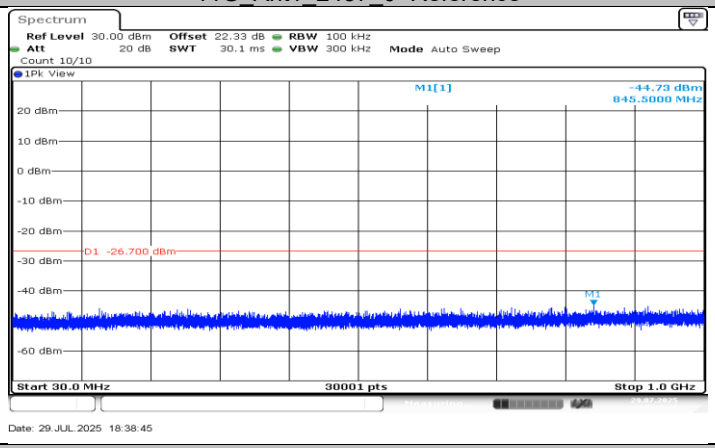

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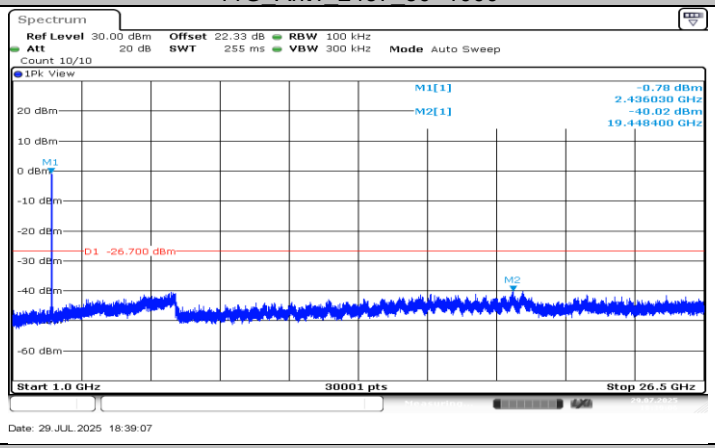

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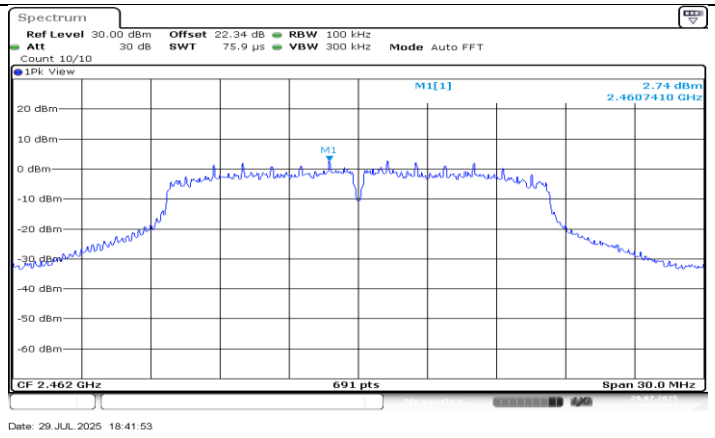

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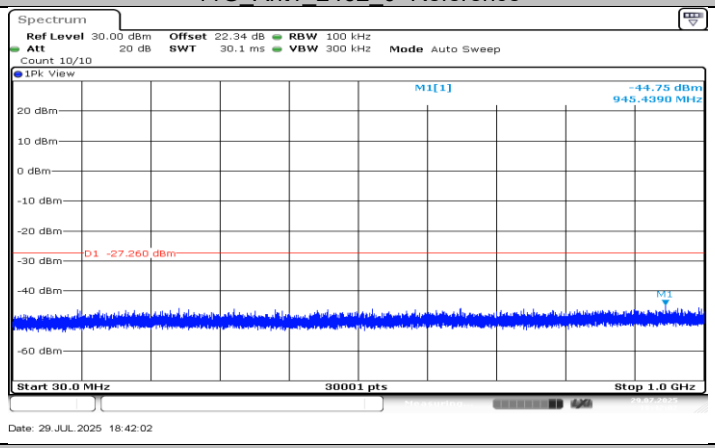

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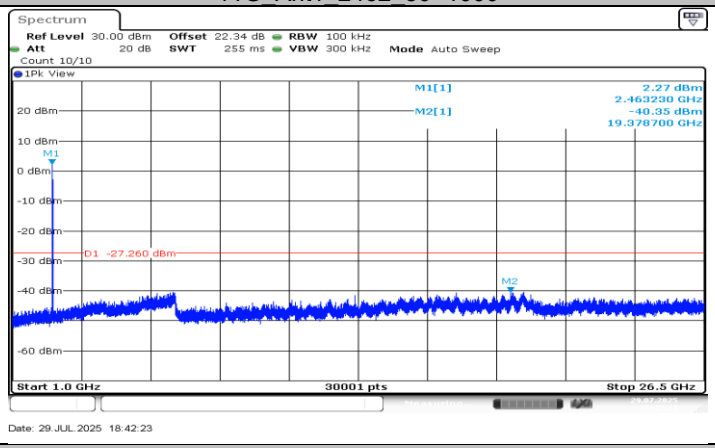

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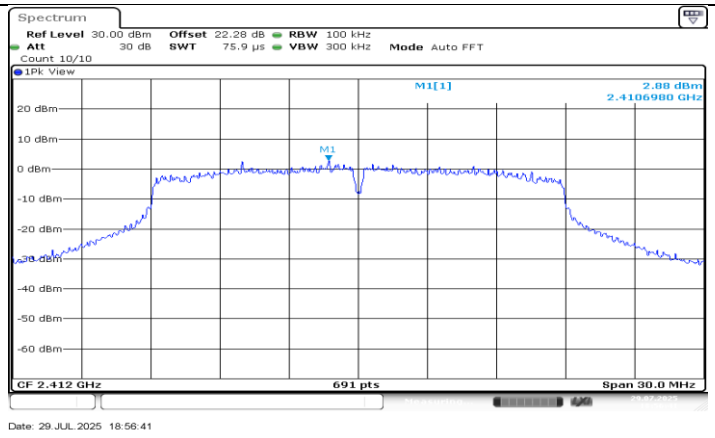

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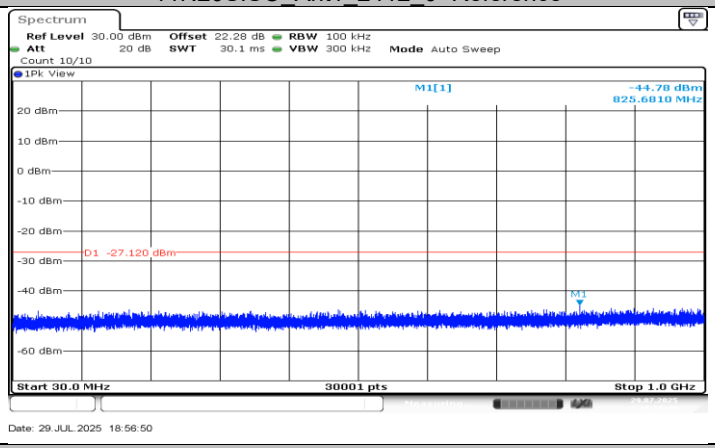

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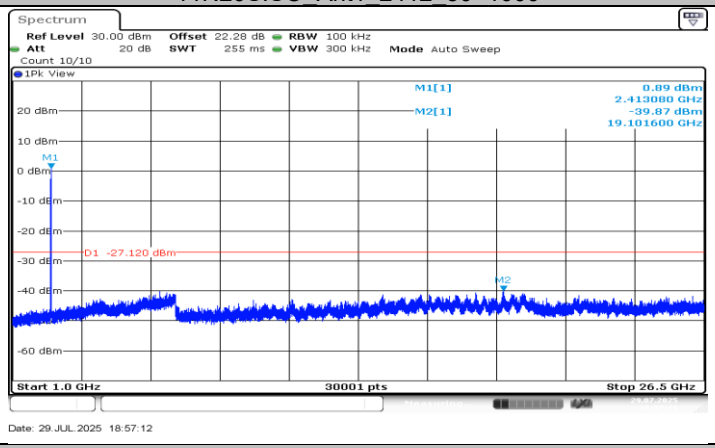

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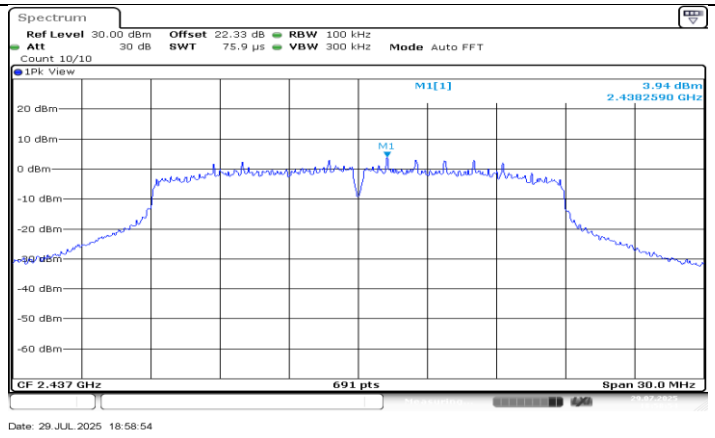

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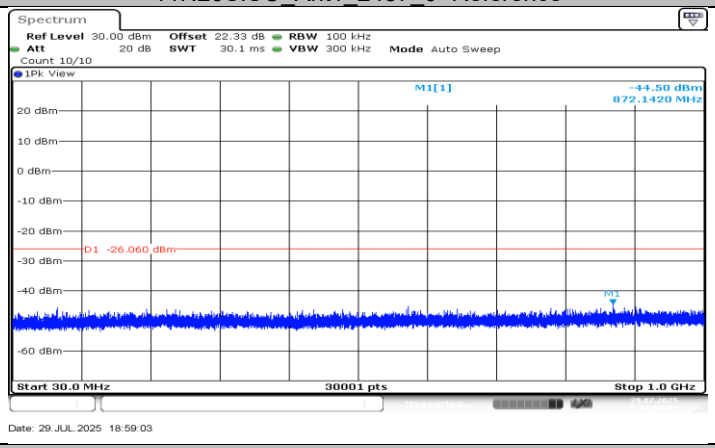

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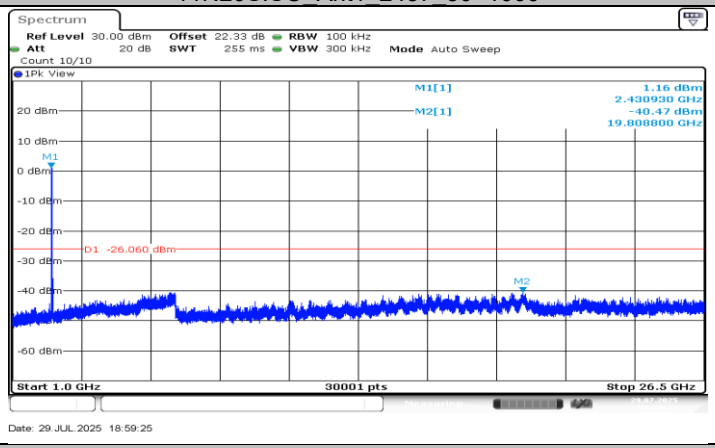

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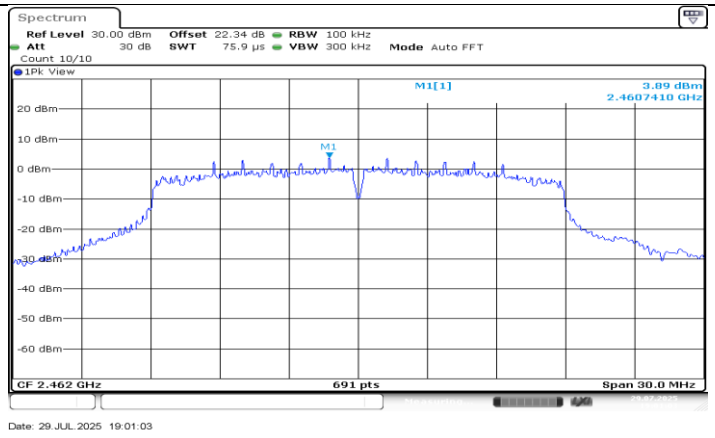

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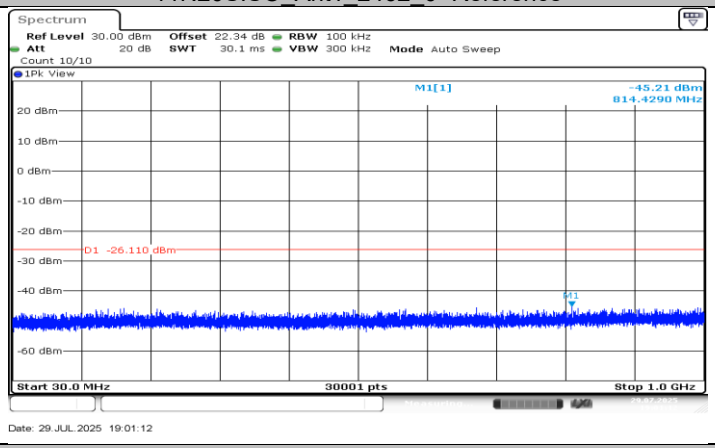

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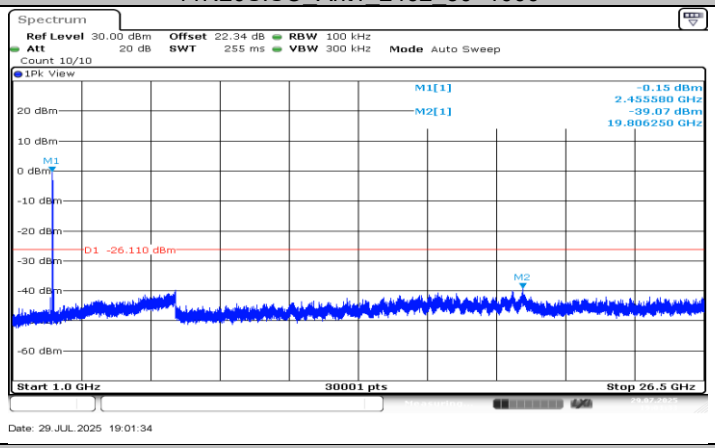

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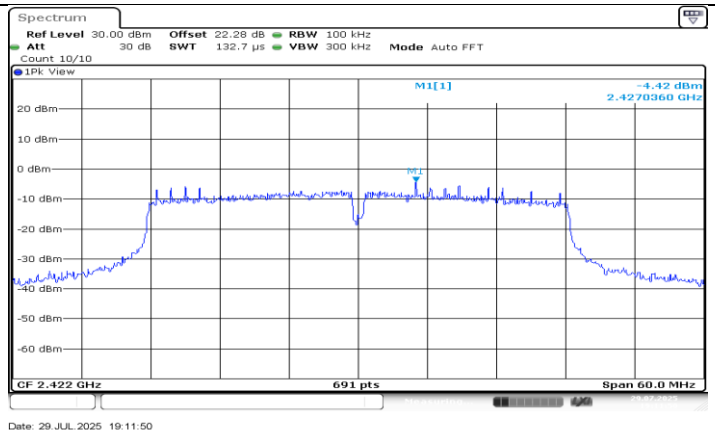

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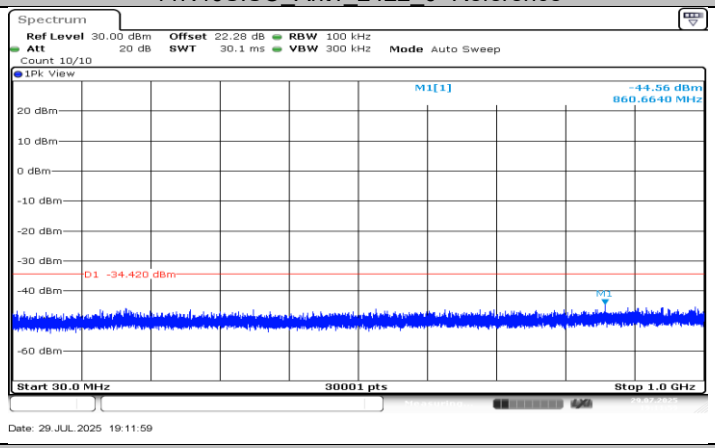

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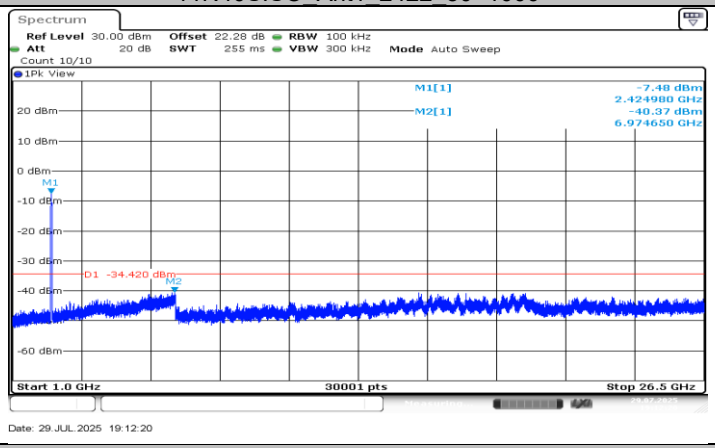

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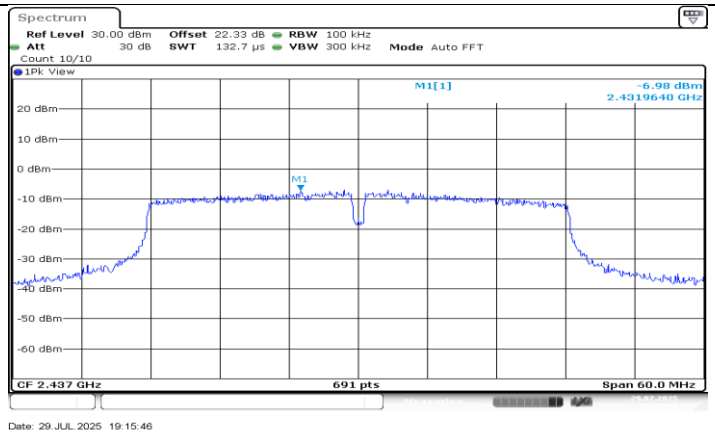

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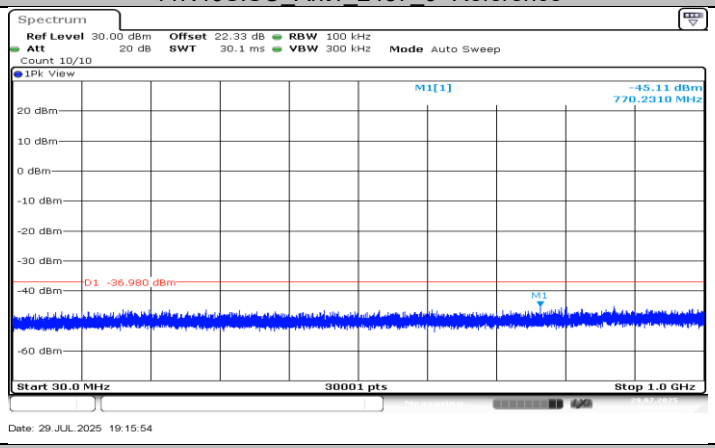

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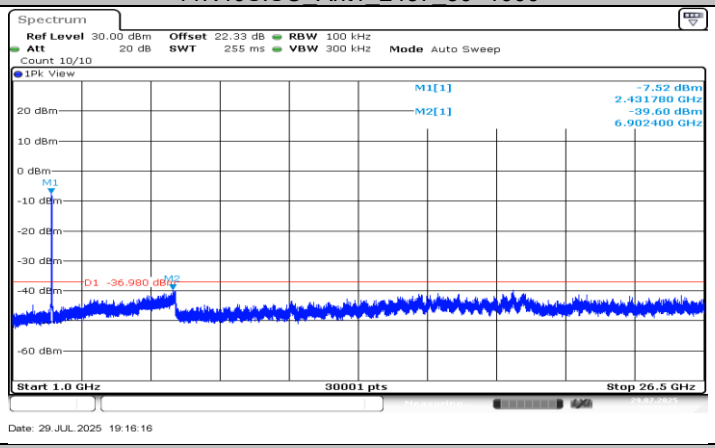

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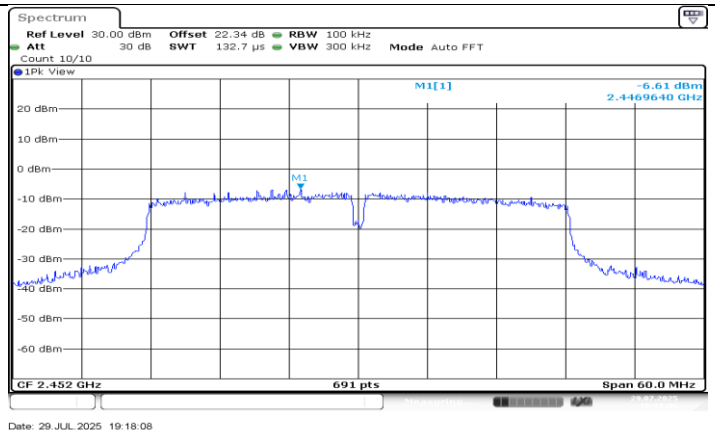

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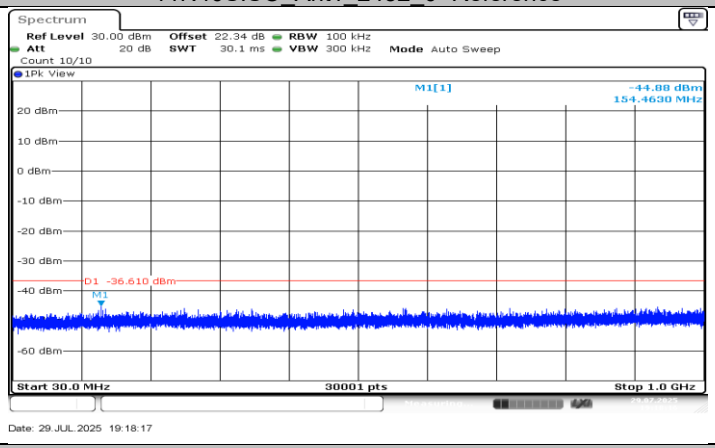

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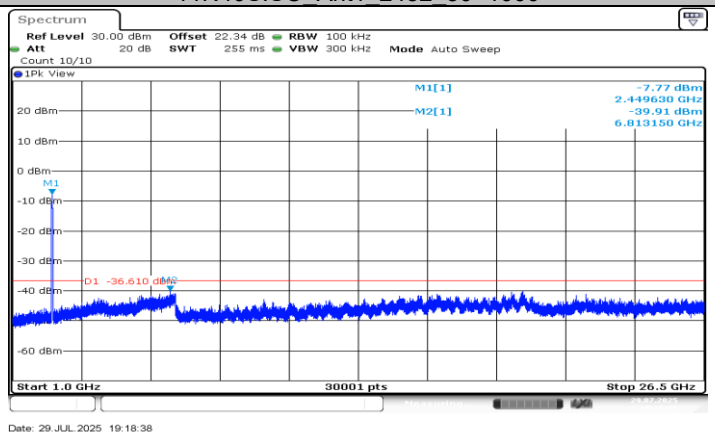

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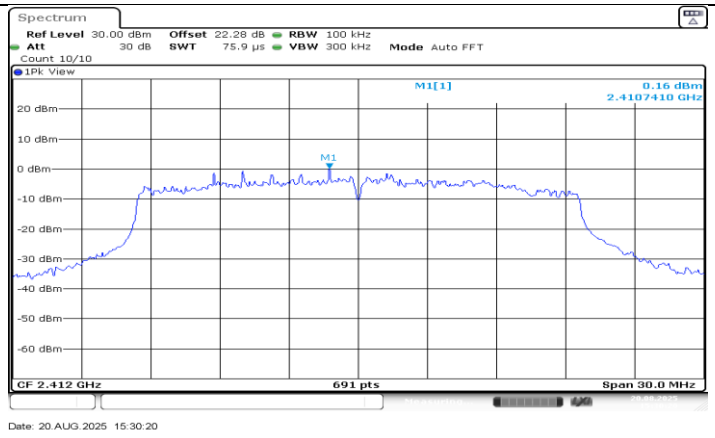

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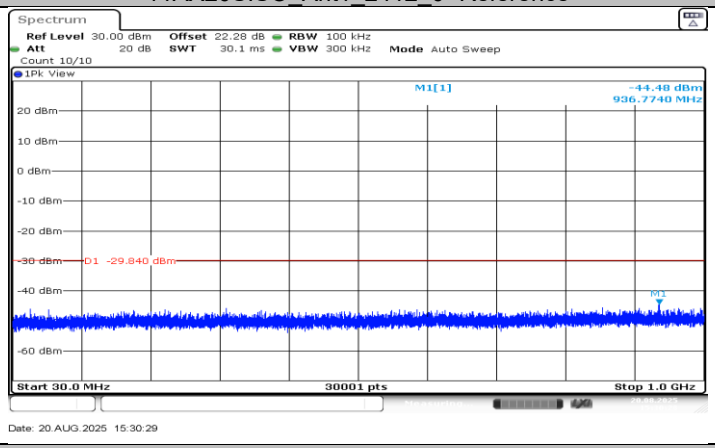

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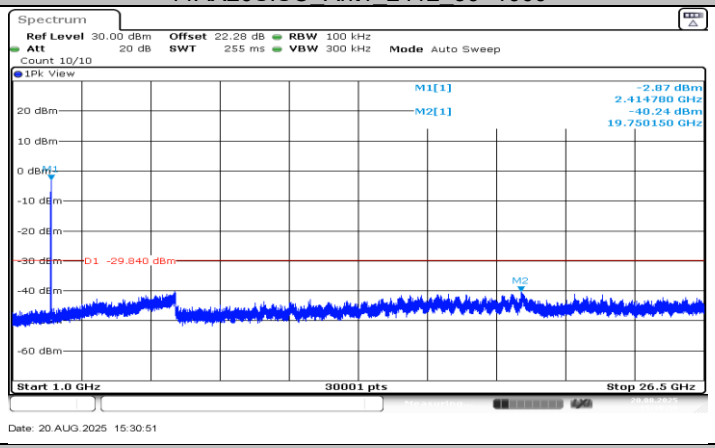

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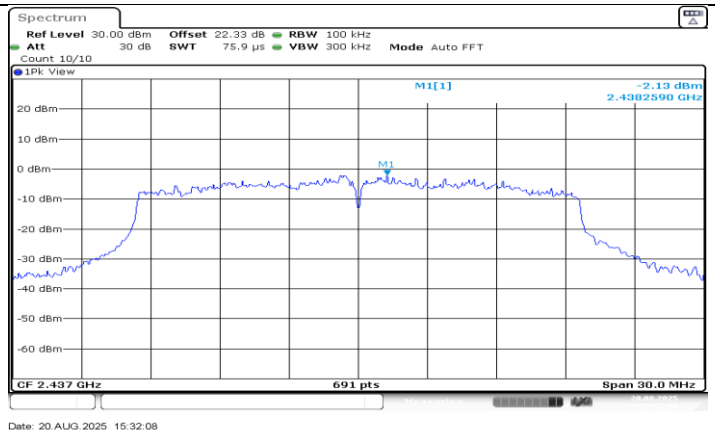

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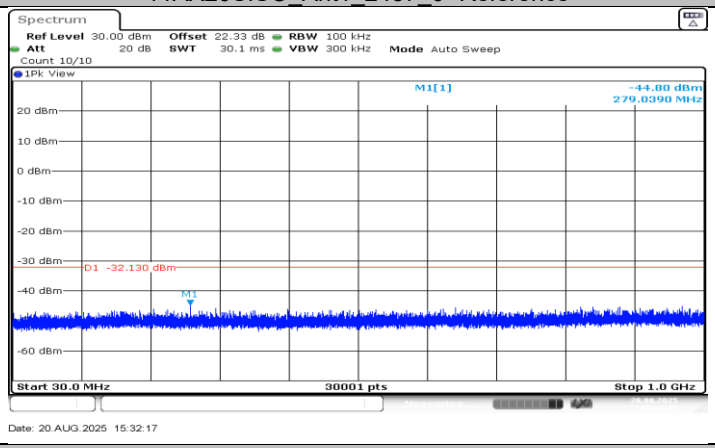

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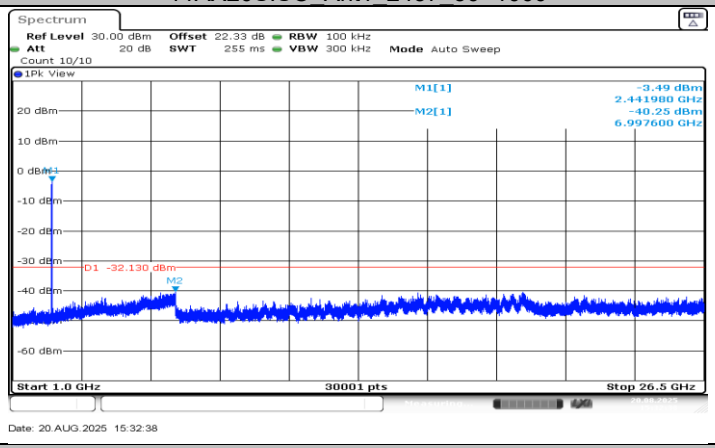

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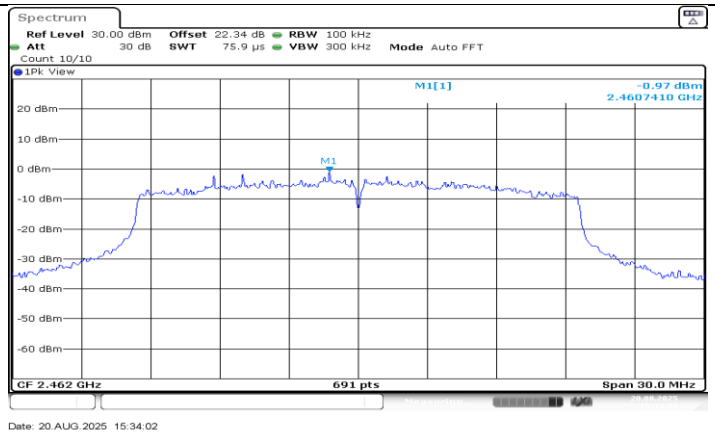

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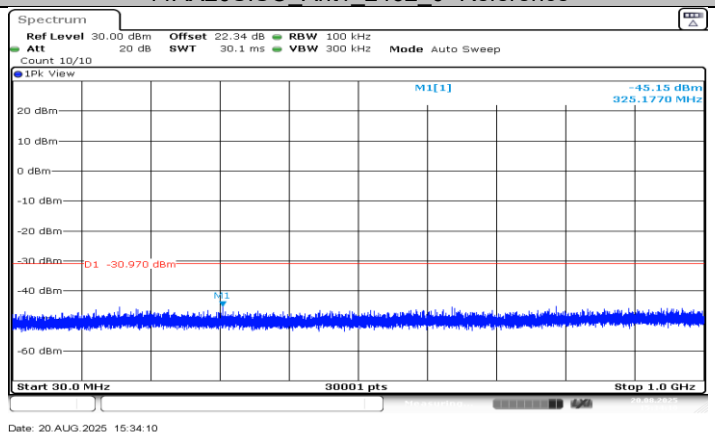

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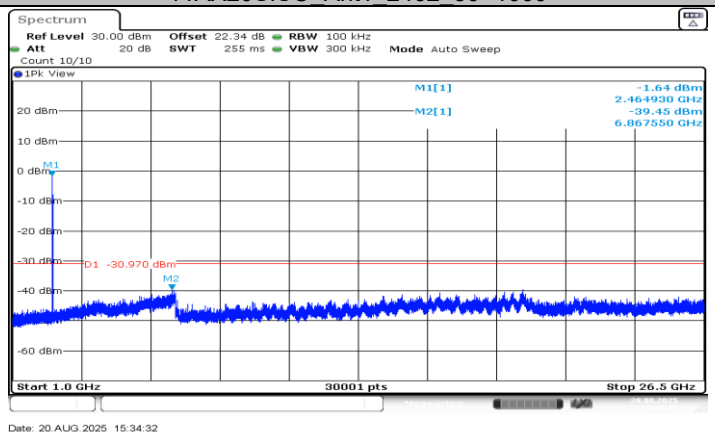

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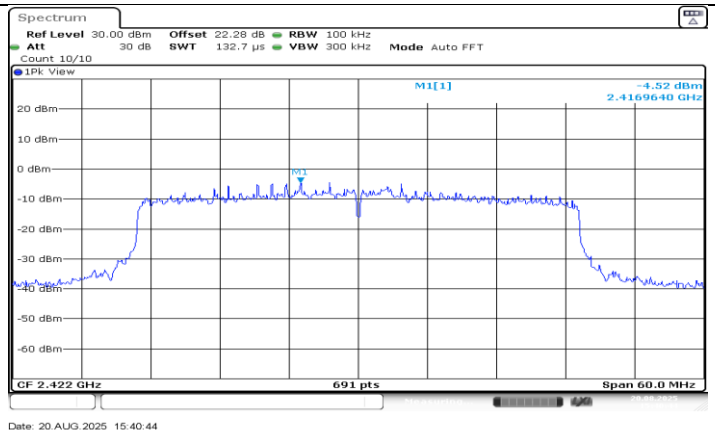

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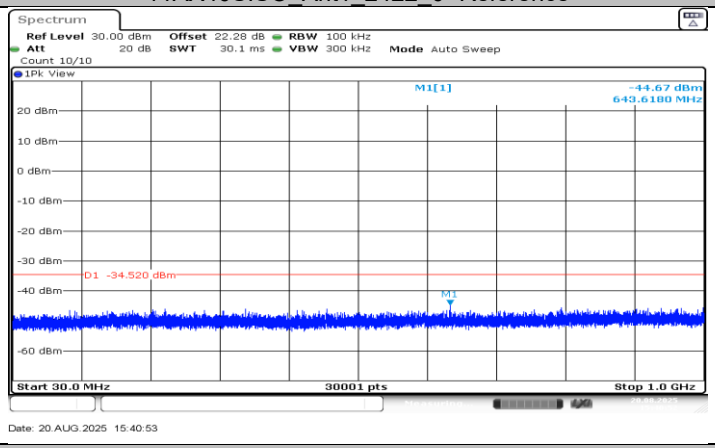

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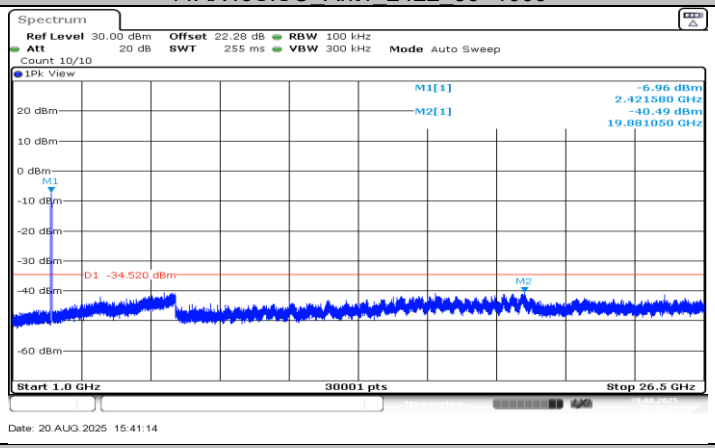

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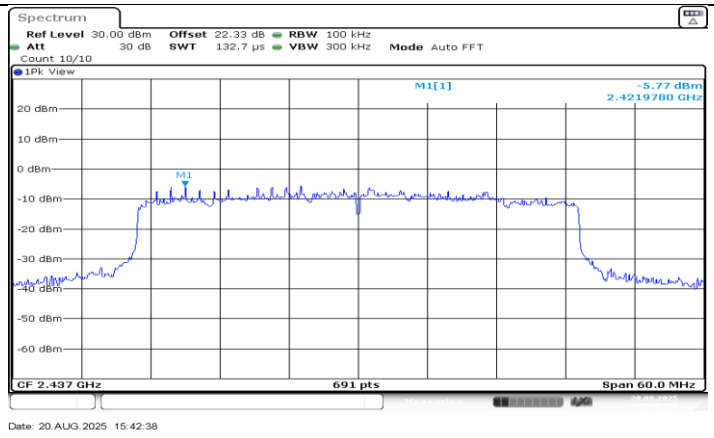

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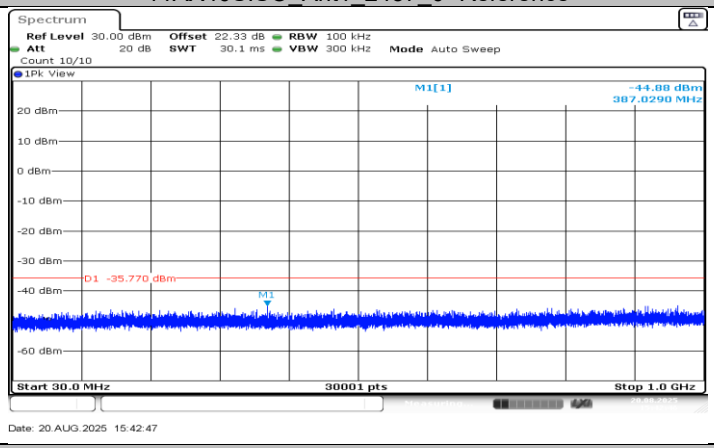

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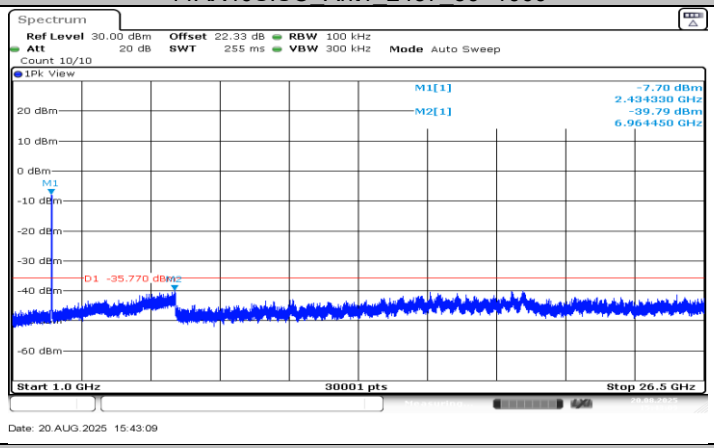

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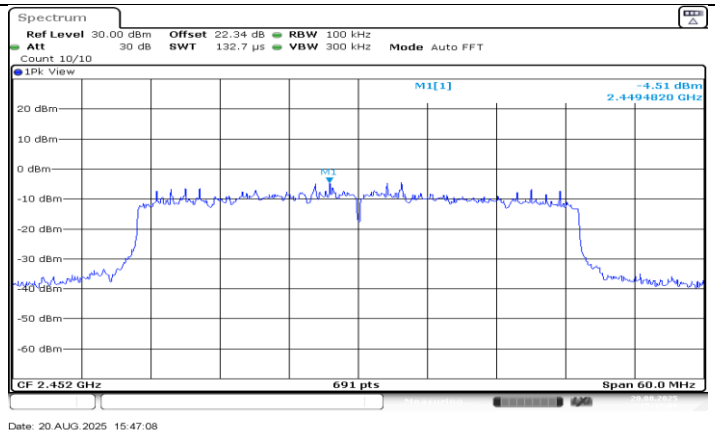

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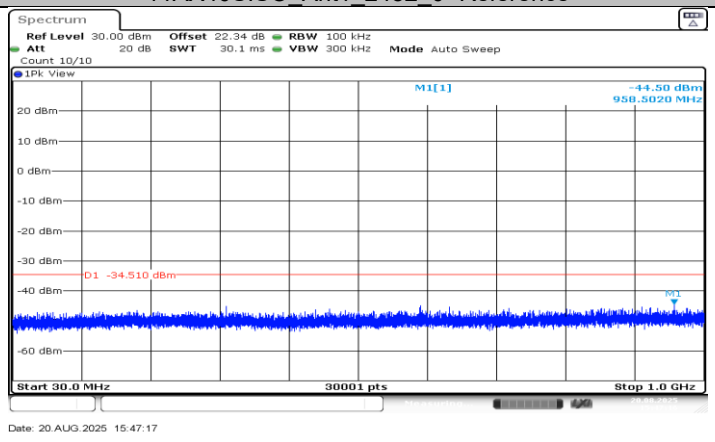

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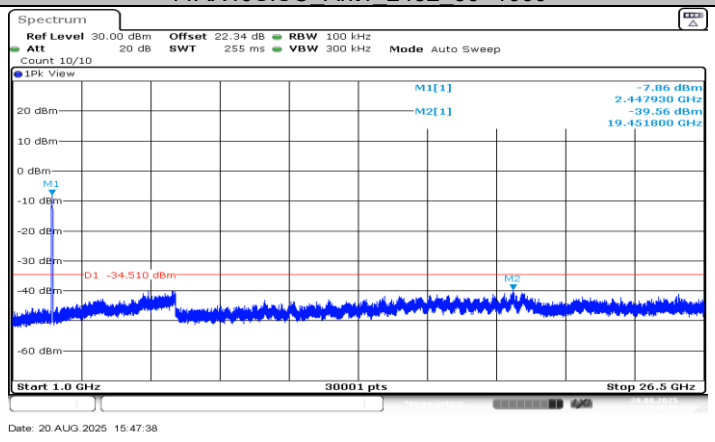


11AX40SISO_Ant1_2452_1000~26500

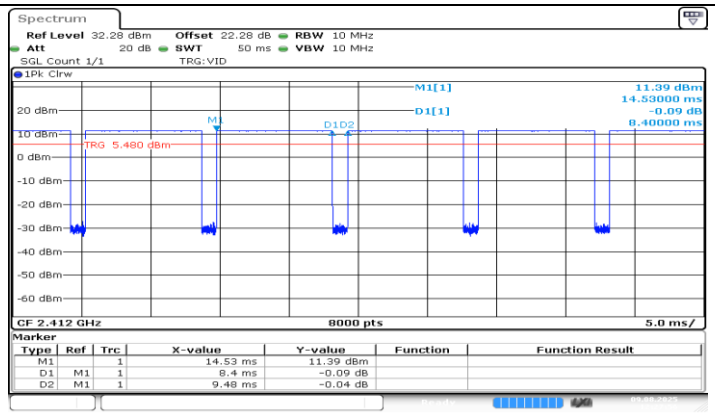
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

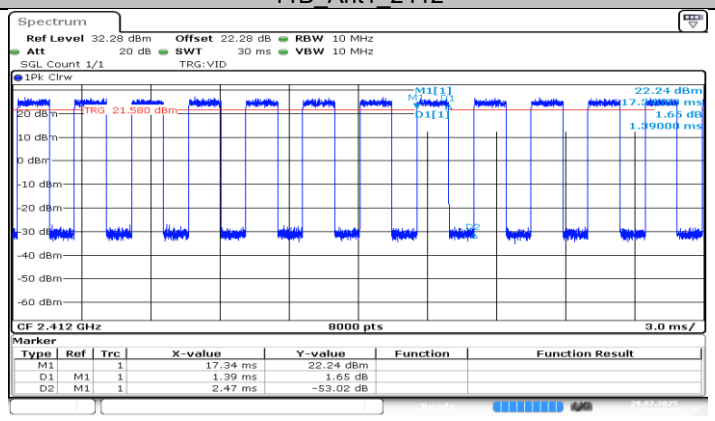
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.40	9.48	0.8861	88.61	0.53	0.12	1
11G	1.39	2.47	0.5628	56.28	2.50	0.72	1
11N20SISO	5.08	6.33	0.8025	80.25	0.96	0.20	1
11N40SISO	4.89	6.15	0.7951	79.51	1.00	0.20	1
11AX20SISO	3.86	5.30	0.7283	72.83	1.38	0.26	1
11AX40SISO	1.96	3.22	0.6087	60.87	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



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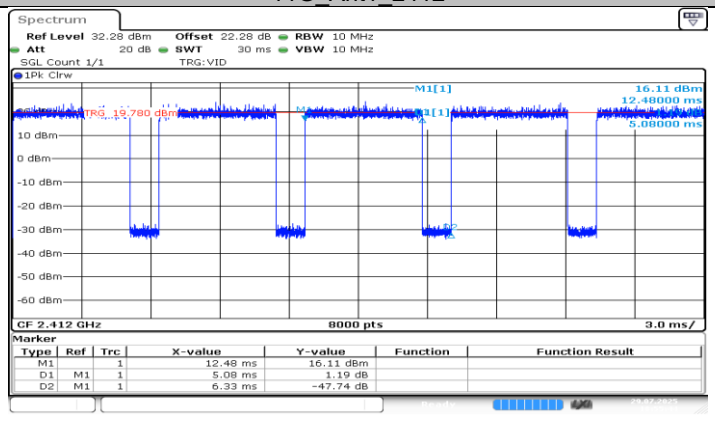

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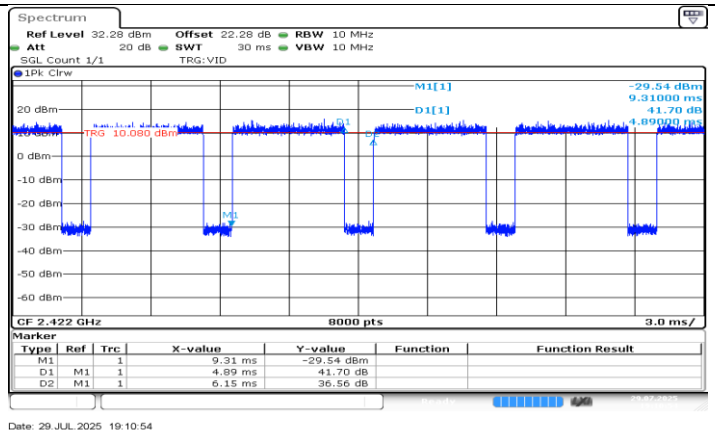

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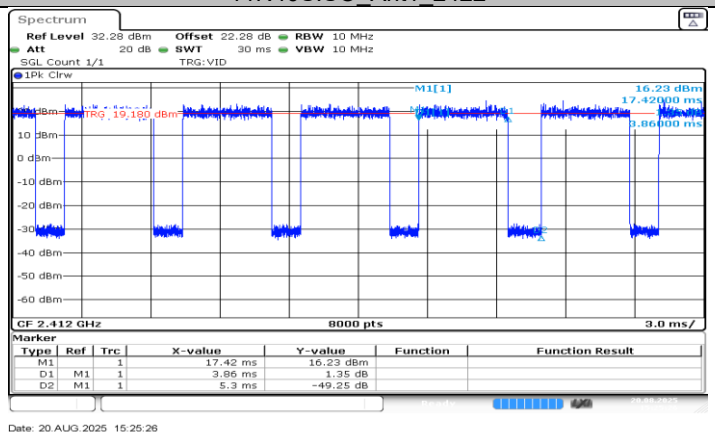

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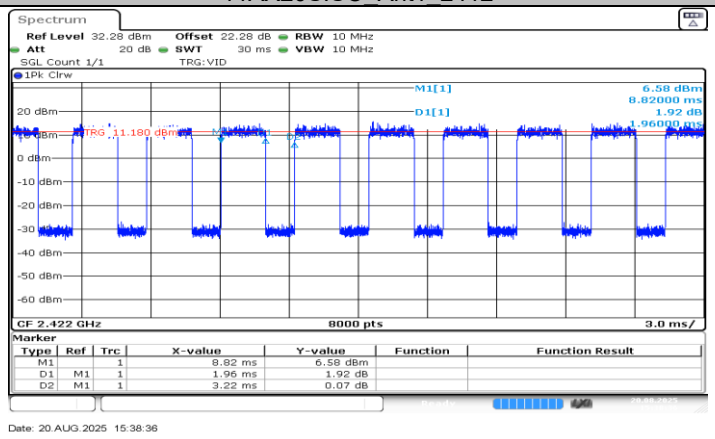

11AX40SISO_Ant1_2422

END OF REPORT