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
SRD 10M	Ant0	2407.5	-7.24	≤8.00	PASS
	Ant1	2407.5	-6.92	≤8.00	PASS
	total	2407.5	-4.07	≤8.00	PASS
	Ant0	2409.5	-6.26	≤8.00	PASS
	Ant1	2409.5	-5.58	≤8.00	PASS
	total	2409.5	-2.90	≤8.00	PASS
	Ant0	2410.5	-5.07	≤8.00	PASS
	Ant1	2410.5	-4.47	≤8.00	PASS
	total	2410.5	-1.75	≤8.00	PASS
	Ant0	2437.5	-2.61	≤8.00	PASS
	Ant1	2437.5	-2.23	≤8.00	PASS
	total	2437.5	0.59	≤8.00	PASS
	Ant0	2467.5	-2.56	≤8.00	PASS
	Ant1	2467.5	-3.21	≤8.00	PASS
	total	2467.5	0.14	≤8.00	PASS
SRD 20M	Ant0	2412.5	-10.38	≤8.00	PASS
	Ant1	2412.5	-8.72	≤8.00	PASS
	total	2412.5	-6.46	≤8.00	PASS
	Ant0	2414.5	-9.20	≤8.00	PASS
	Ant1	2414.5	-7.79	≤8.00	PASS
	total	2414.5	-5.43	≤8.00	PASS
	Ant0	2437.5	-4.72	≤8.00	PASS
	Ant1	2437.5	-4.52	≤8.00	PASS
	total	2437.5	-1.61	≤8.00	PASS
	Ant0	2462.5	-4.67	≤8.00	PASS
	Ant1	2462.5	-4.97	≤8.00	PASS
	total	2462.5	-1.81	≤8.00	PASS
SRD 40M	Ant0	2422.5	-8.96	≤8.00	PASS
	Ant1	2422.5	-11.13	≤8.00	PASS
	total	2422.5	-6.90	≤8.00	PASS
	Ant0	2432.5	-10.70	≤8.00	PASS
	Ant1	2432.5	-10.43	≤8.00	PASS
	total	2432.5	-7.55	≤8.00	PASS
	Ant0	2435.5	-8.94	≤8.00	PASS
	Ant1	2435.5	-9.03	≤8.00	PASS
	total	2435.5	-5.97	≤8.00	PASS
	Ant0	2437.5	-7.14	≤8.00	PASS
	Ant1	2437.5	-8.04	≤8.00	PASS
	total	2437.5	-4.56	≤8.00	PASS
	Ant0	2452.5	-7.74	≤8.00	PASS
	Ant1	2452.5	-7.37	≤8.00	PASS
	total	2452.5	-4.54	≤8.00	PASS
SRD 60M	Ant0	2432.5	-12.04	≤8.00	PASS
	Ant1	2432.5	-13.98	≤8.00	PASS
	total	2432.5	-9.89	≤8.00	PASS
	Ant0	2435.5	-10.05	≤8.00	PASS
	Ant1	2435.5	-12.82	≤8.00	PASS
	total	2435.5	-8.21	≤8.00	PASS
	Ant0	2437.5	-5.74	≤8.00	PASS
	Ant1	2437.5	-9.71	≤8.00	PASS
	total	2437.5	-4.28	≤8.00	PASS
	Ant0	2442.5	-6.48	≤8.00	PASS
	Ant1	2442.5	-11.19	≤8.00	PASS

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	total	2442.5	-5.22	≤8.00	PASS

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

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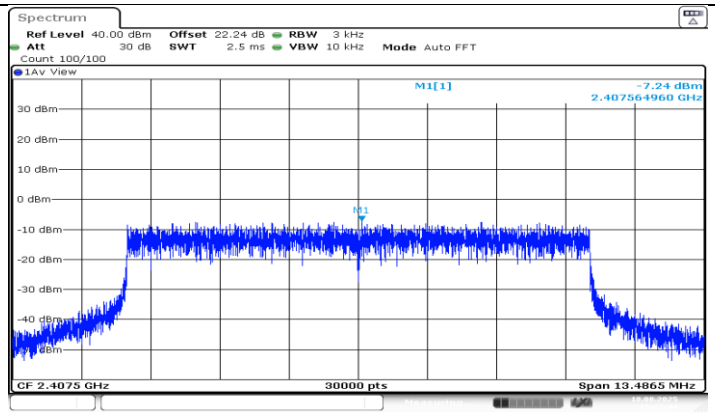
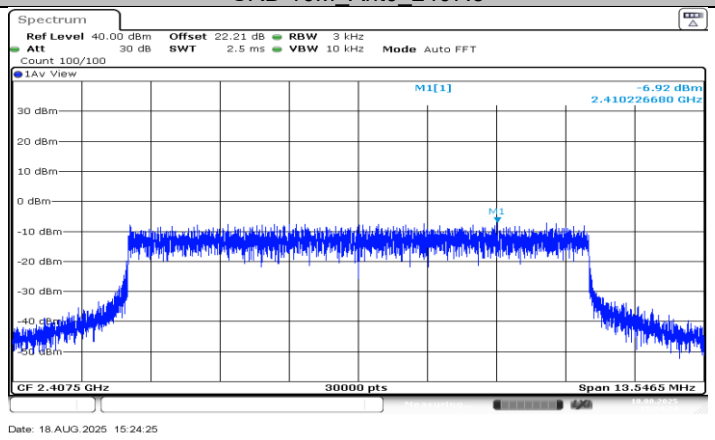
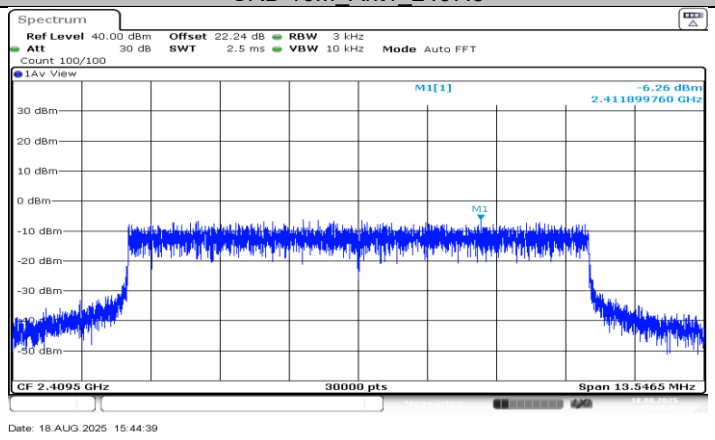
11.4.2. Test Graphs



SRD 10M_Ant0_2407.5



SRD 10M_Ant1_2407.5



SRD 10M_Ant0_2409.5

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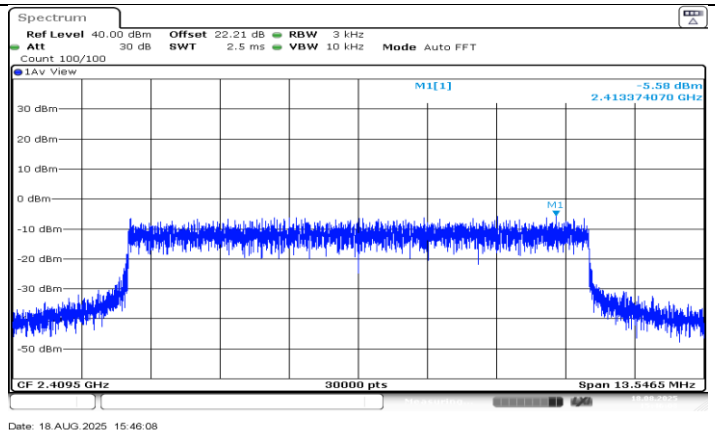
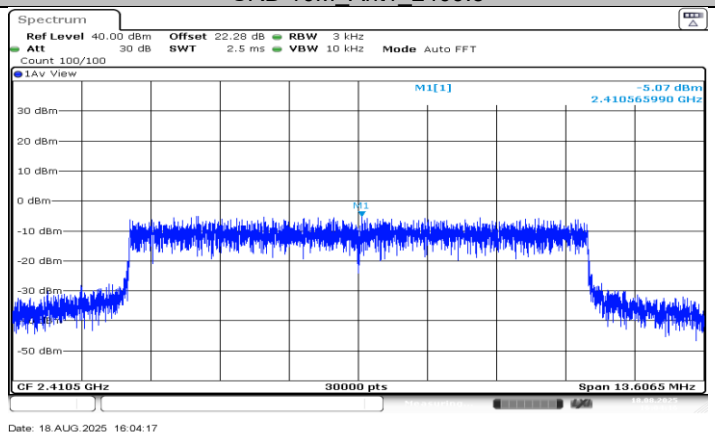
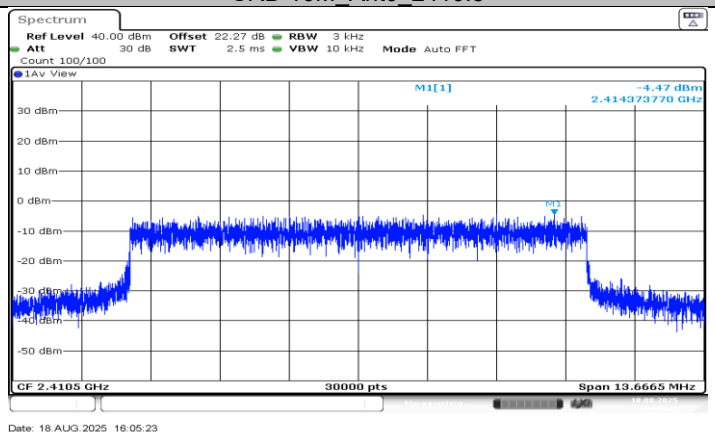


SRD 10M_Ant1_2409.5



SRD 10M_Ant0_2410.5



SRD 10M_Ant1_2410.5

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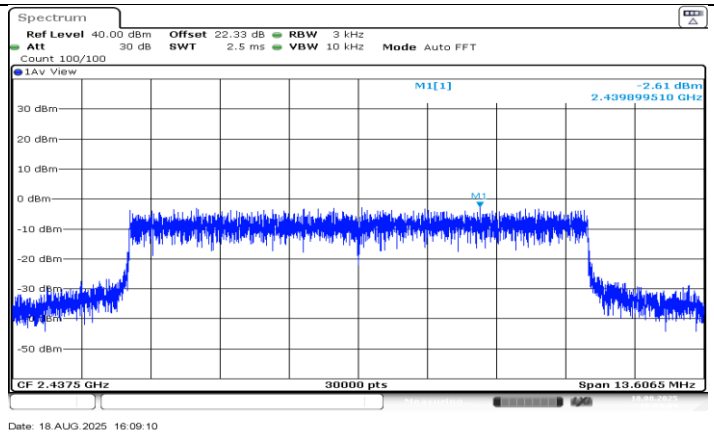
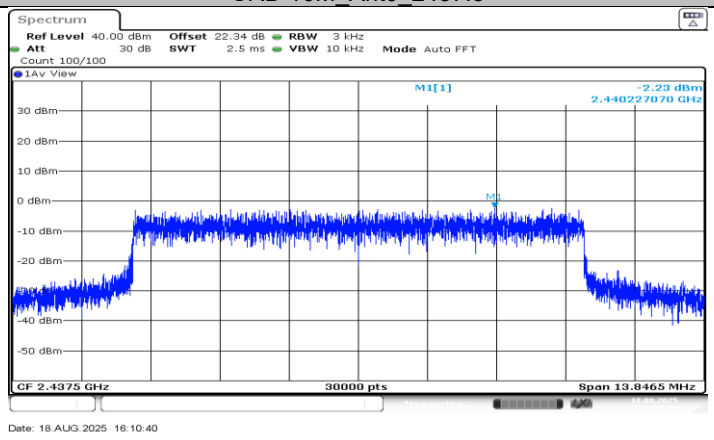
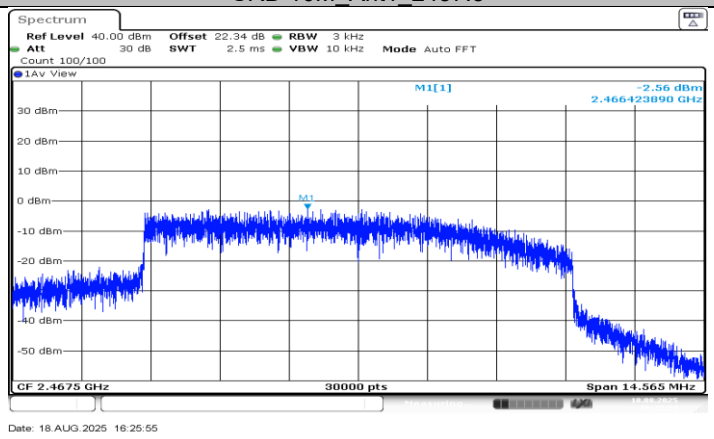


SRD 10M_Ant0_2437.5



SRD 10M_Ant1_2437.5



SRD 10M_Ant0_2467.5

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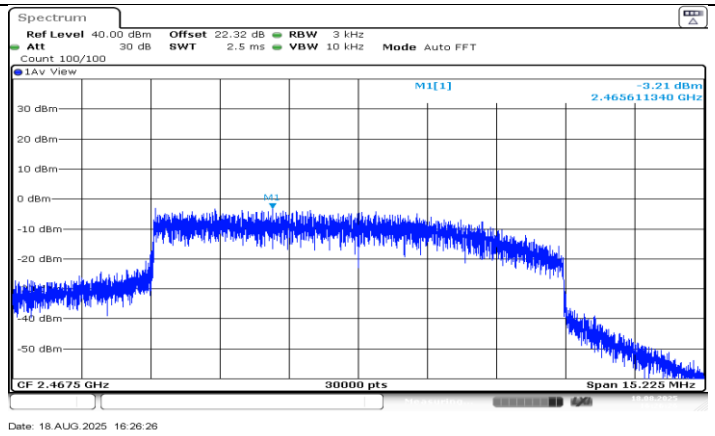
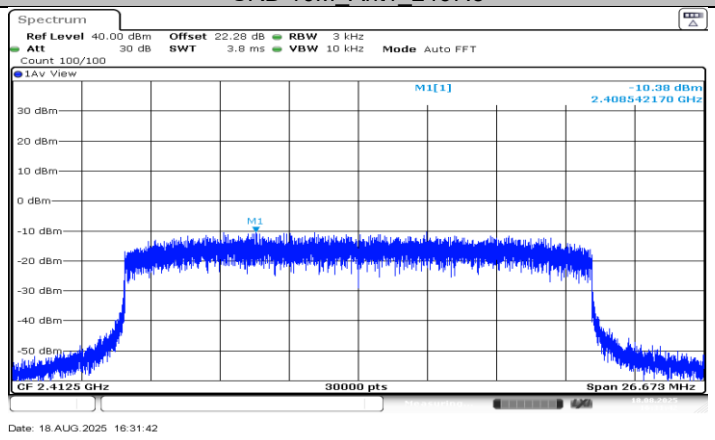
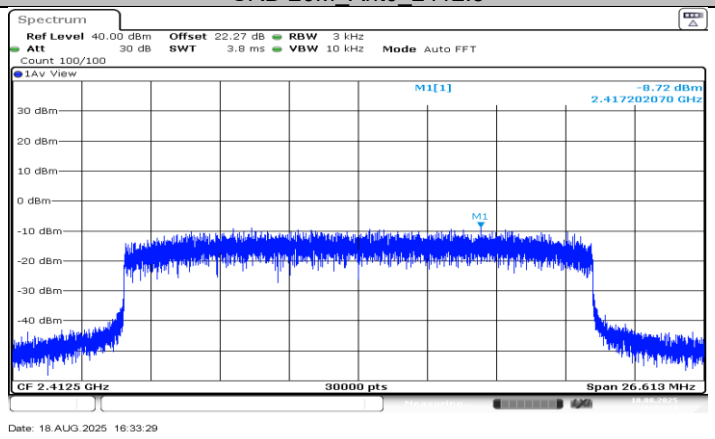


SRD 10M_Ant1_2467.5



SRD 20M_Ant0_2412.5



SRD 20M_Ant1_2412.5

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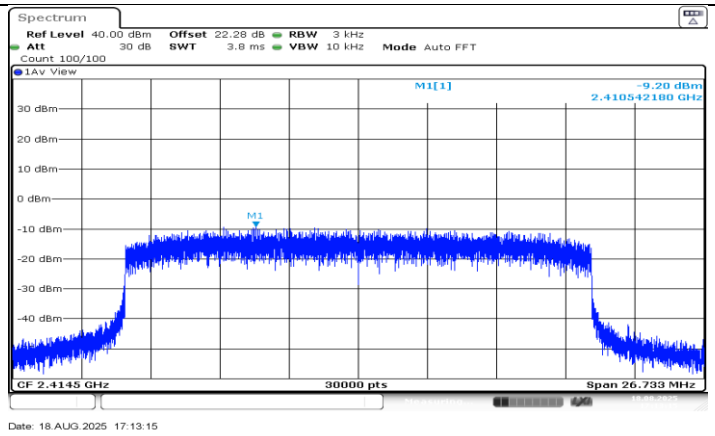
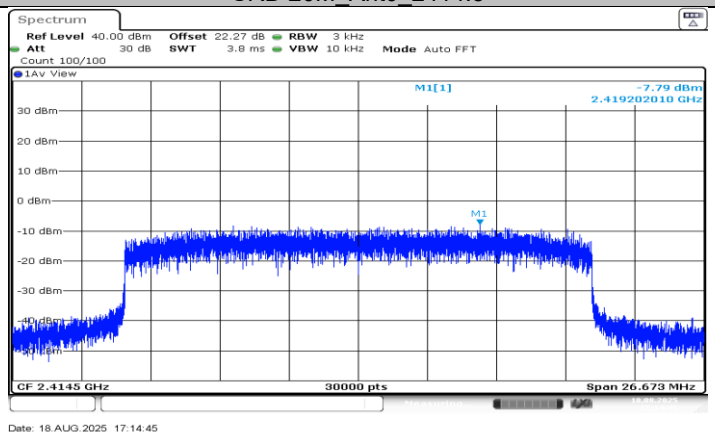
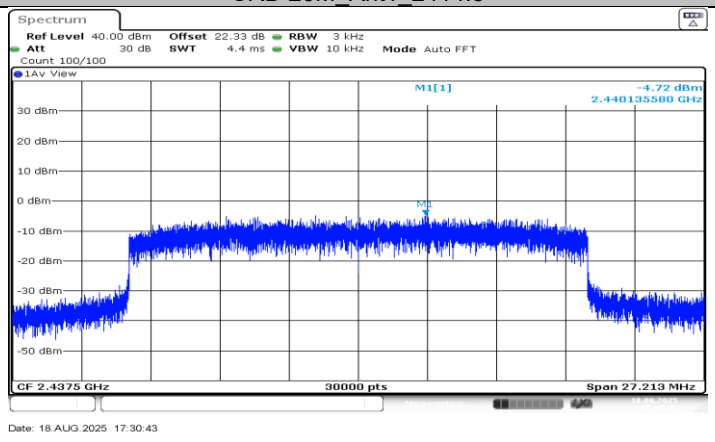


SRD 20M_Ant0_2414.5



SRD 20M_Ant1_2414.5



SRD 20M_Ant0_2437.5

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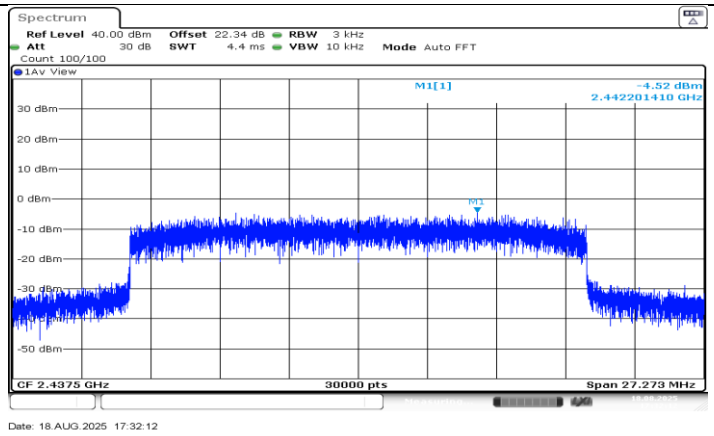

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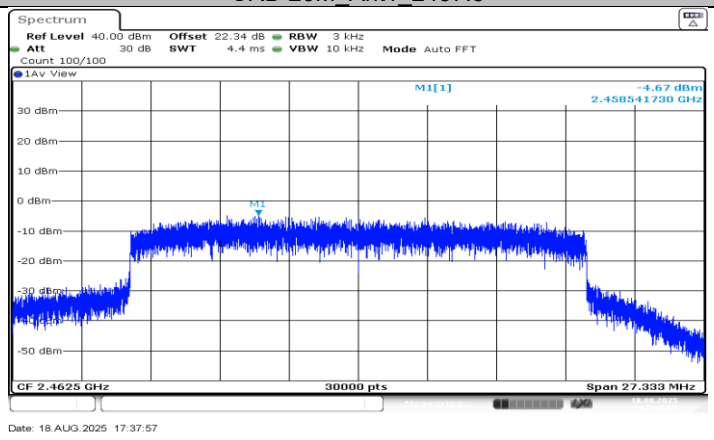
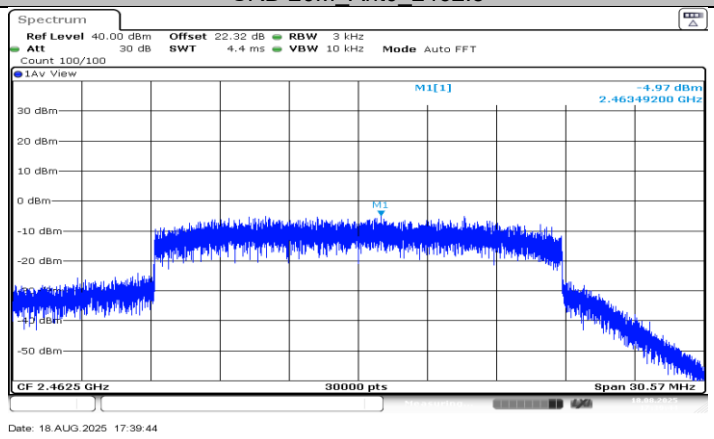


SRD 20M_Ant0_2462.5



SRD 20M_Ant1_2462.5

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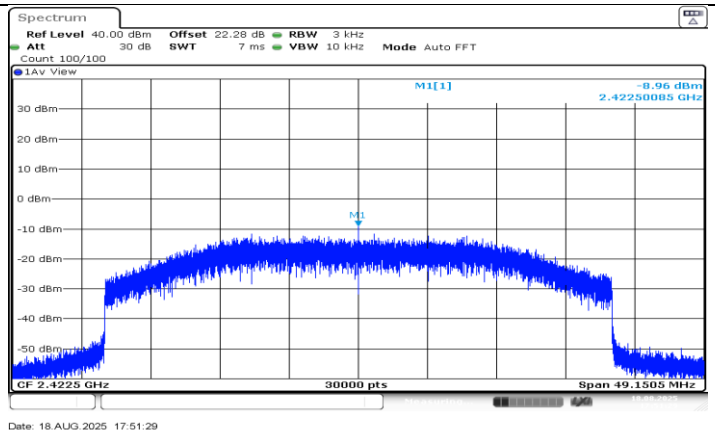
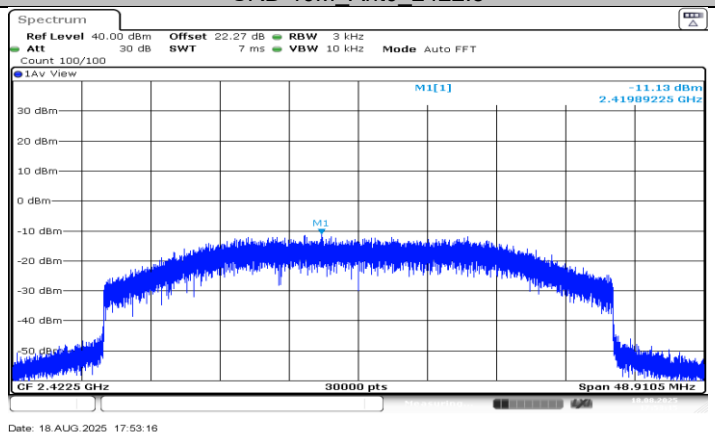
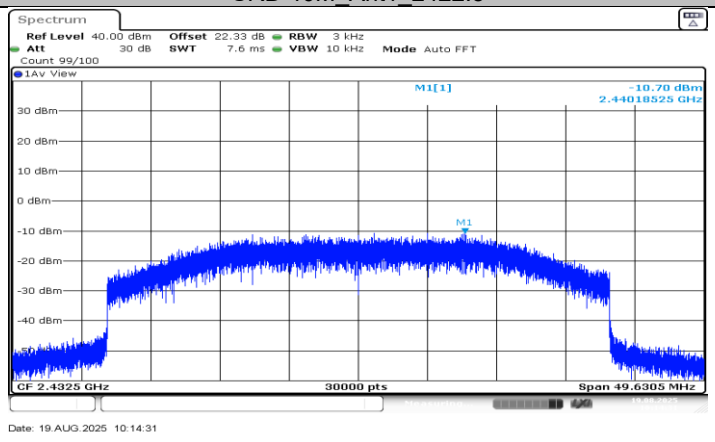


SRD 40M_Ant0_2422.5



SRD 40M_Ant1_2422.5



SRD 40M_Ant0_2432.5

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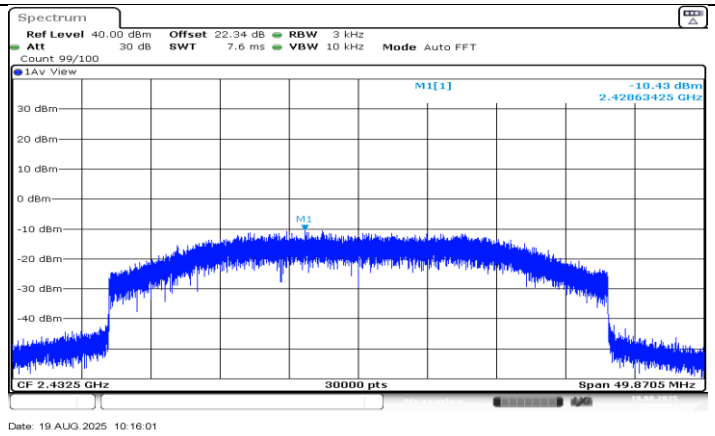
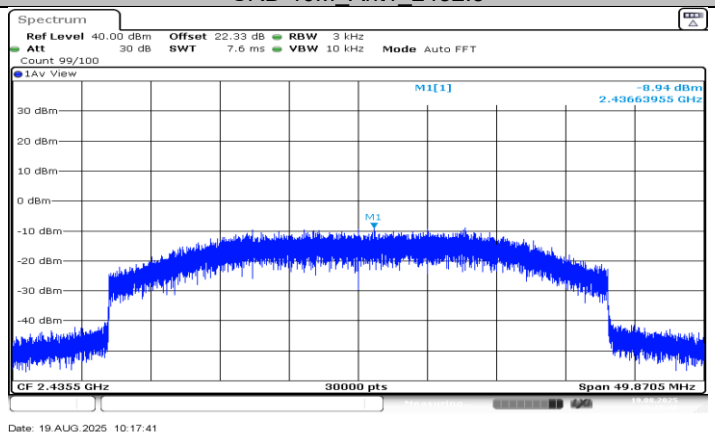
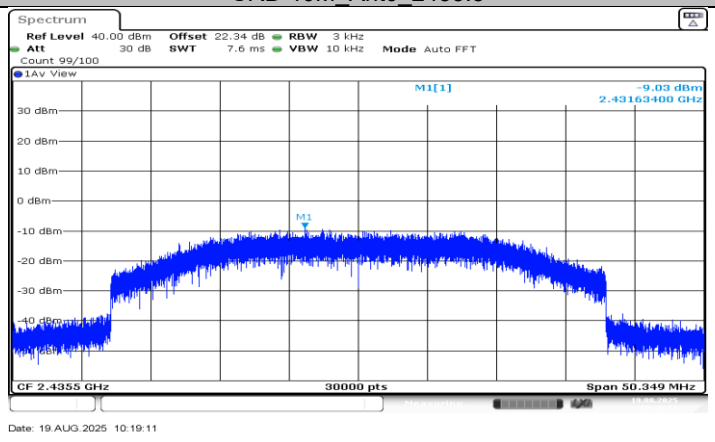


SRD 40M_Ant1_2432.5



SRD 40M_Ant0_2435.5



SRD 40M_Ant1_2435.5

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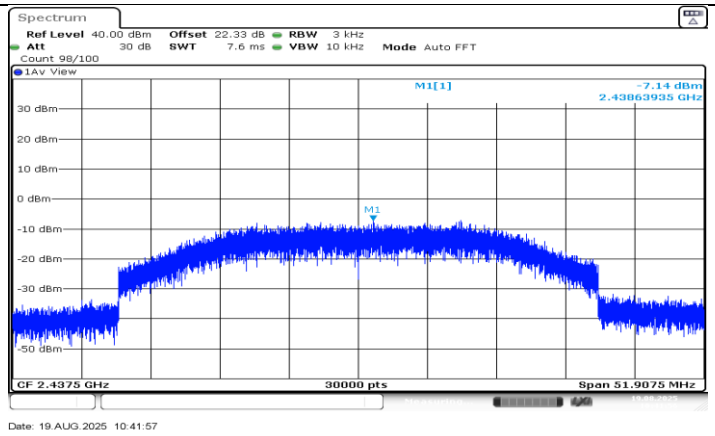
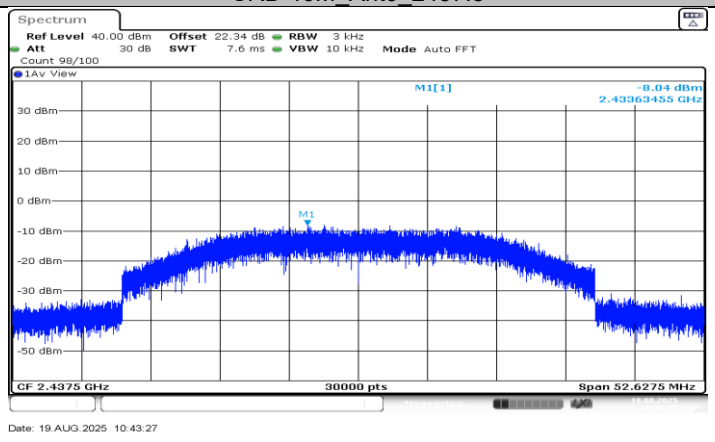
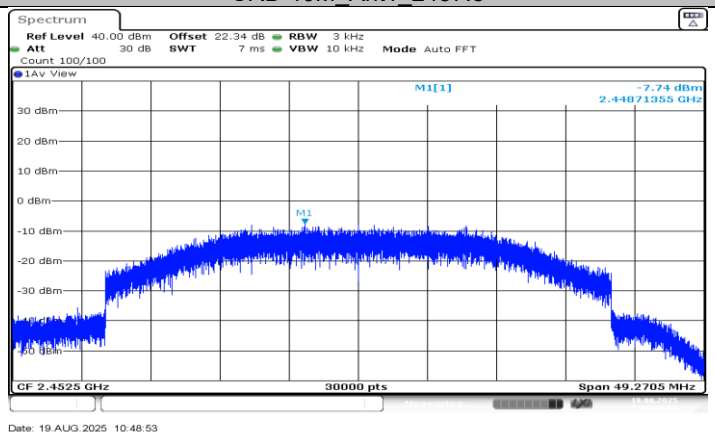


SRD 40M_Ant0_2437.5



SRD 40M_Ant1_2437.5



SRD 40M_Ant0_2452.5

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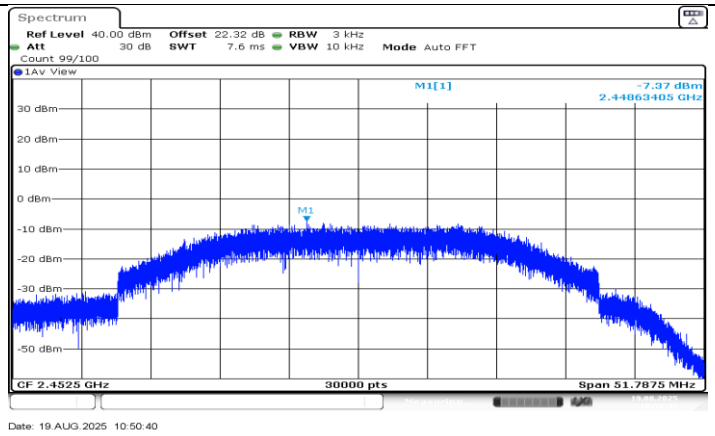
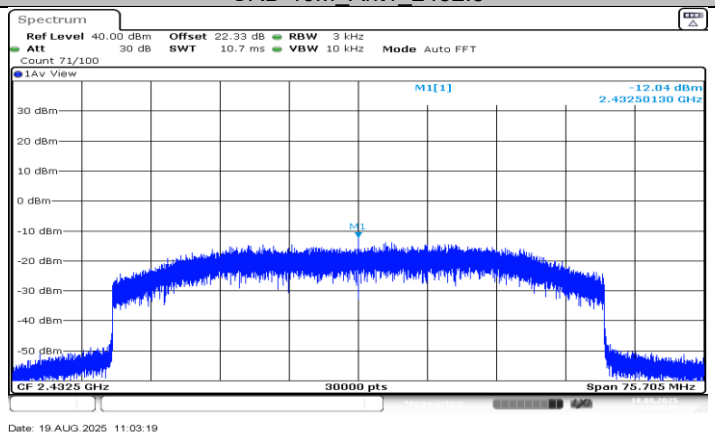
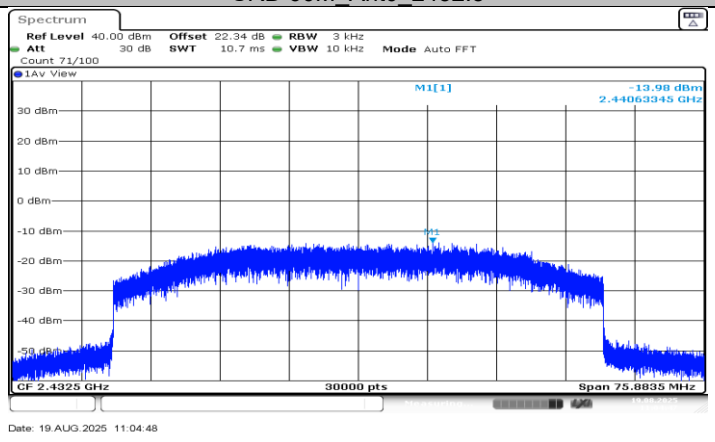


SRD 40M_Ant1_2452.5



SRD 60M_Ant0_2432.5



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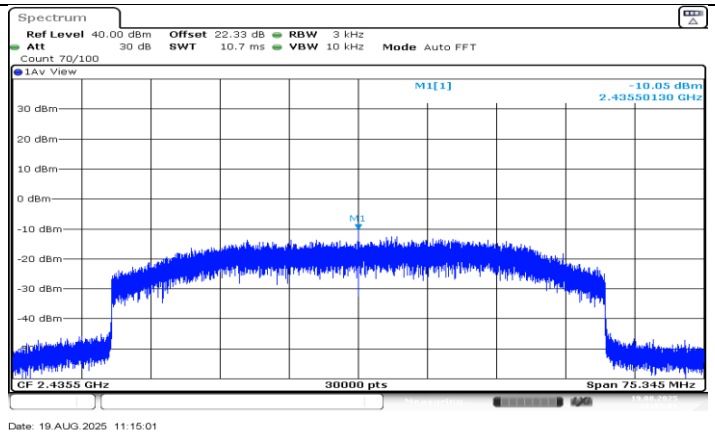

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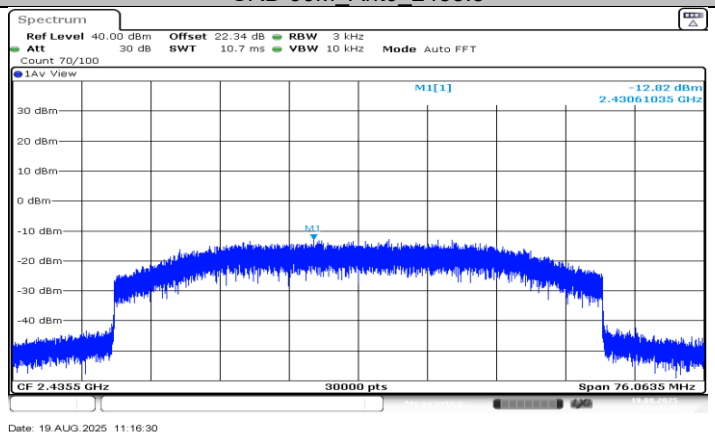

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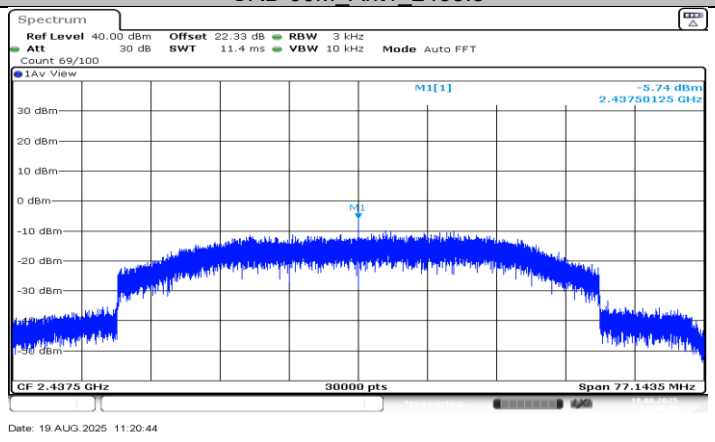

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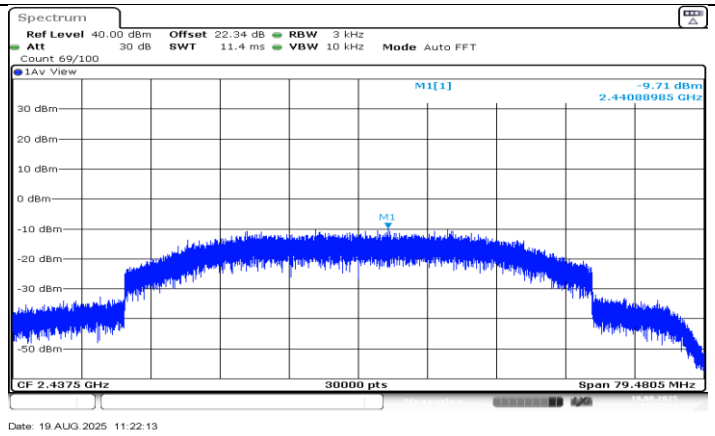

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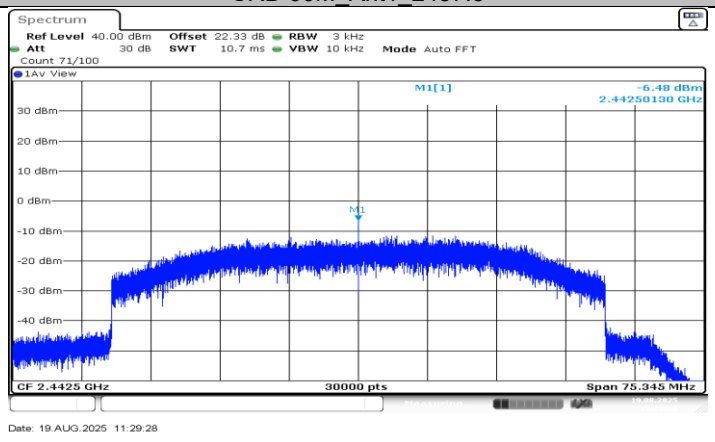
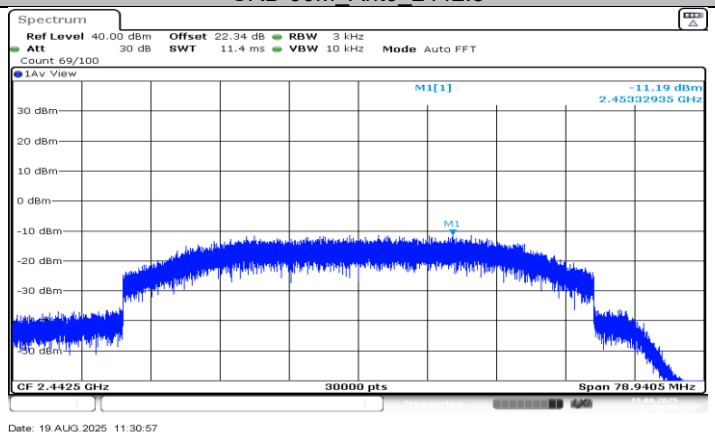


SRD 60M_Ant0_2442.5



SRD 60M_Ant1_2442.5

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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
SRD 10M	Ant0	Low	2407.5	11.08	-24.26	≤-18.92	PASS
	Ant1	Low	2407.5	11.18	-21.69	≤-18.82	PASS
	Ant0	Low	2409.5	12.01	-20.68	≤-17.99	PASS
	Ant1	Low	2409.5	12.03	-20.72	≤-17.97	PASS
	Ant0	Low	2410.5	13.43	-18.43	≤-16.57	PASS
	Ant1	Low	2410.5	13.68	-16.57	≤-16.32	PASS
	Ant0	High	2467.5	15.94	-36.51	≤-14.06	PASS
	Ant1	High	2467.5	14.95	-36.34	≤-15.05	PASS
SRD 20M	Ant0	Low	2412.5	8.37	-31.38	≤-21.63	PASS
	Ant1	Low	2412.5	9.54	-23.87	≤-20.46	PASS
	Ant0	Low	2414.5	9.37	-27.36	≤-20.63	PASS
	Ant1	Low	2414.5	10.96	-20.17	≤-19.04	PASS
	Ant0	High	2462.5	14.06	-36.13	≤-15.94	PASS
	Ant1	High	2462.5	13.81	-34.82	≤-16.19	PASS
SRD 40M	Ant0	Low	2422.5	6.89	-30.52	≤-23.11	PASS
	Ant1	Low	2422.5	8.08	-28.99	≤-21.92	PASS
	Ant0	High	2452.5	11.67	-35.64	≤-18.33	PASS
	Ant1	High	2452.5	12.38	-35.89	≤-17.62	PASS
SRD 60M	Ant0	Low	2432.5	5.64	-30.57	≤-24.36	PASS
	Ant1	Low	2432.5	6.84	-27.99	≤-23.16	PASS
	Ant0	Low	2435.5	7.07	-27.41	≤-22.93	PASS
	Ant1	Low	2435.5	7.38	-24.91	≤-22.62	PASS
	Ant0	High	2442.5	7.71	-35.24	≤-22.29	PASS
	Ant1	High	2442.5	9.40	-35.52	≤-20.6	PASS

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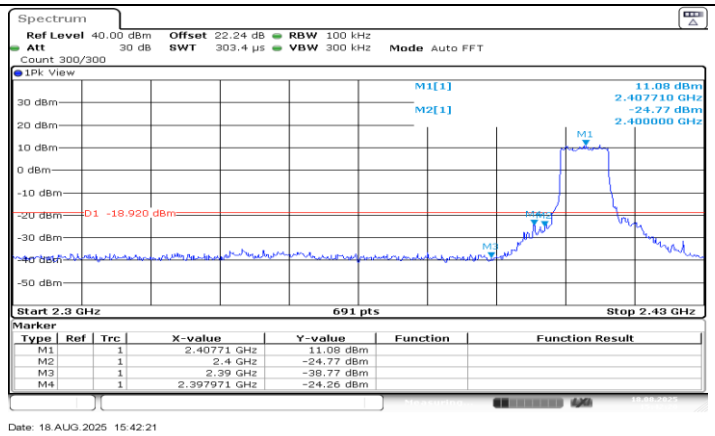
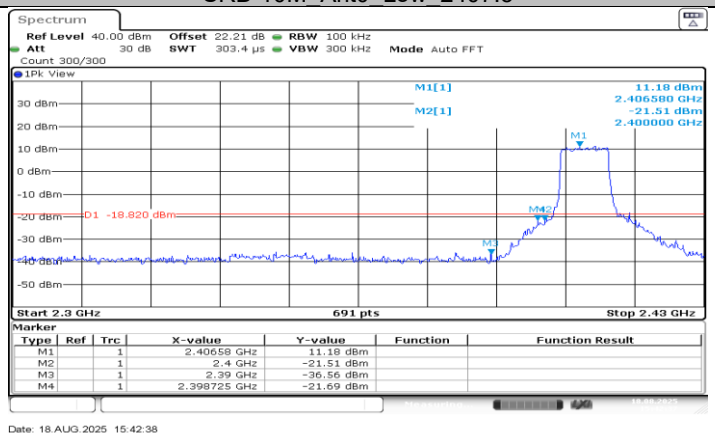
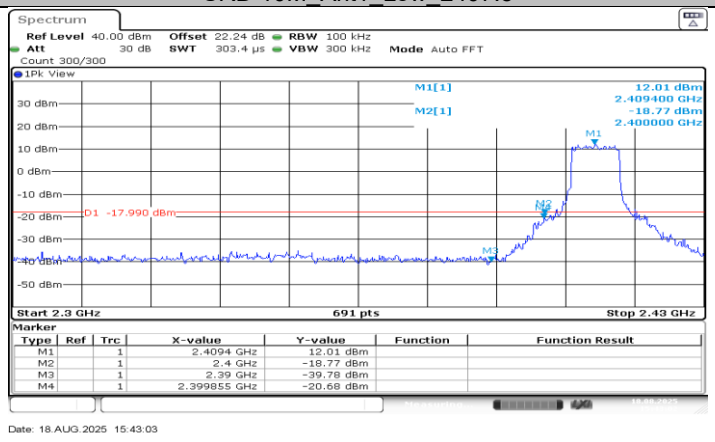
11.5.2. Test Graphs



SRD 10M_Ant0_Low_2407.5



SRD 10M_Ant1_Low_2407.5



SRD 10M_Ant0_Low_2409.5

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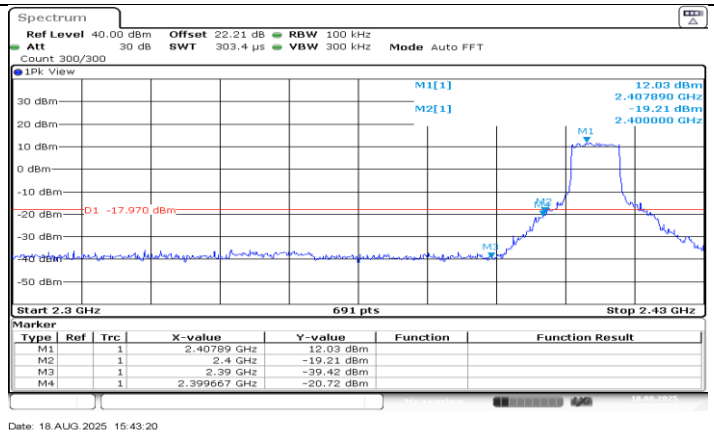
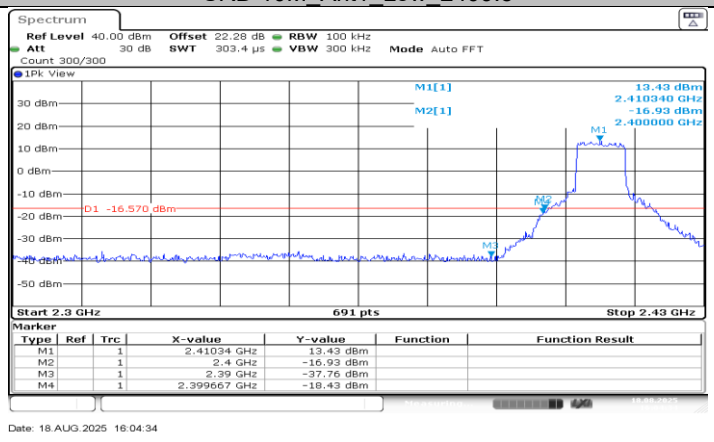


SRD 10M_Ant1_Low_2409.5



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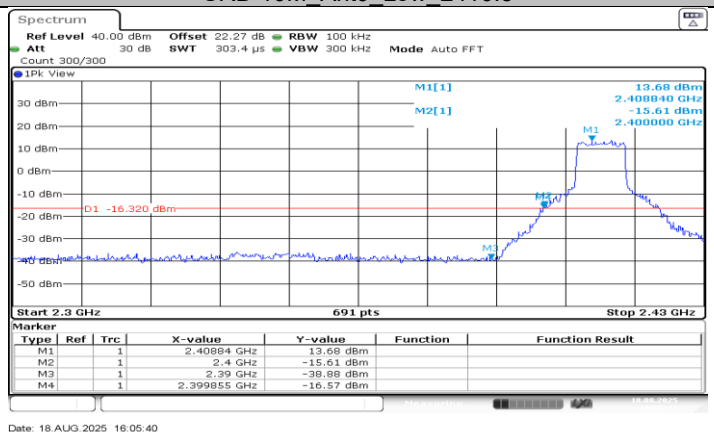

SRD 10M_Ant1_Low_2410.5

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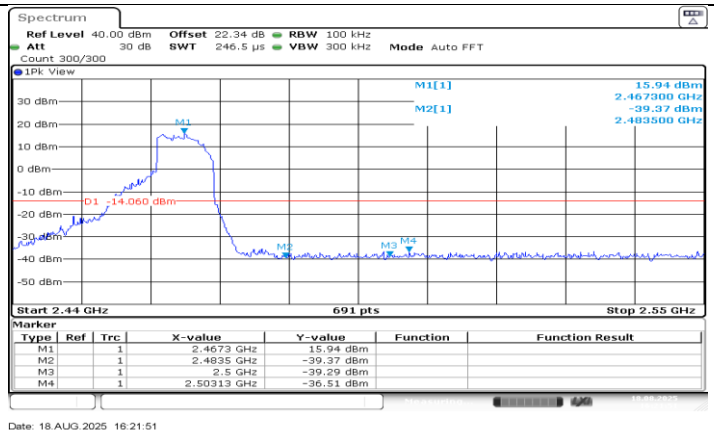
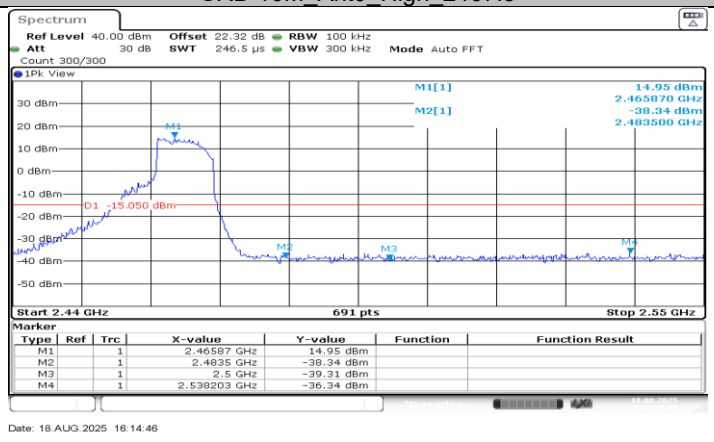
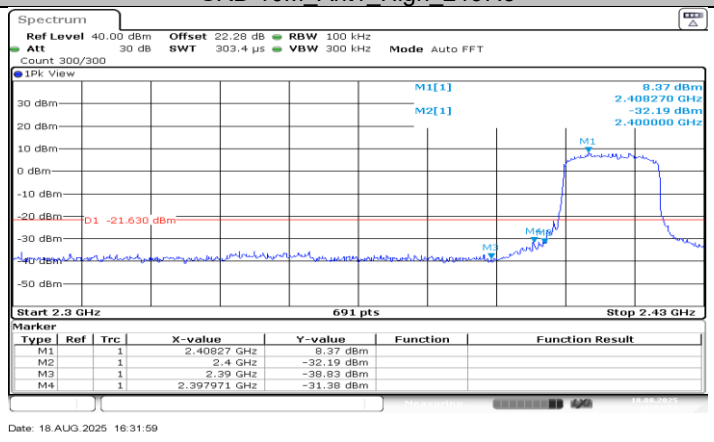


SRD 10M_Ant0_High_2467.5



SRD 10M_Ant1_High_2467.5



SRD 20M_Ant0_Low_2412.5

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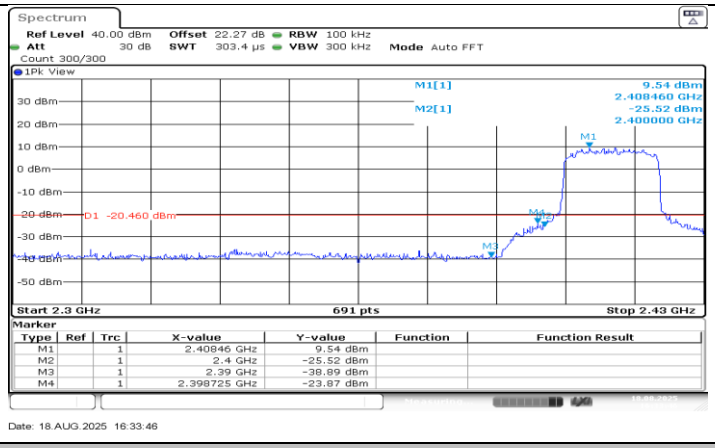
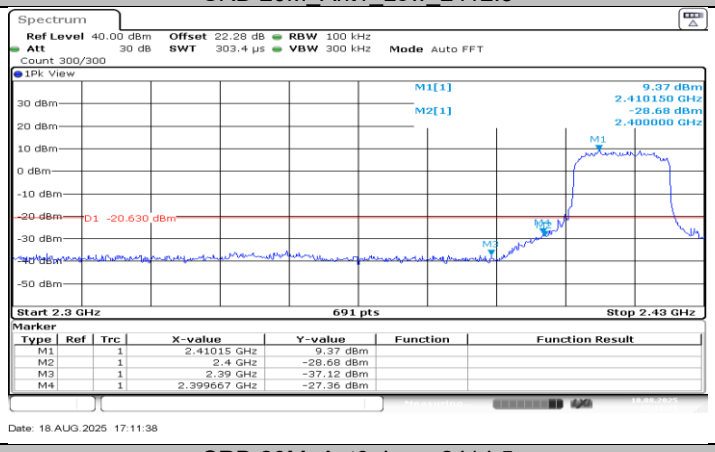
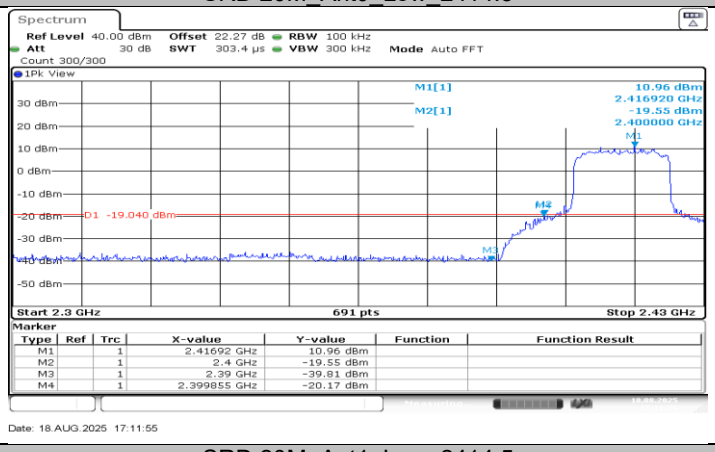


SRD 20M_Ant1_Low_2412.5



SRD 20M_Ant0_Low_2414.5



SRD 20M_Ant1_Low_2414.5

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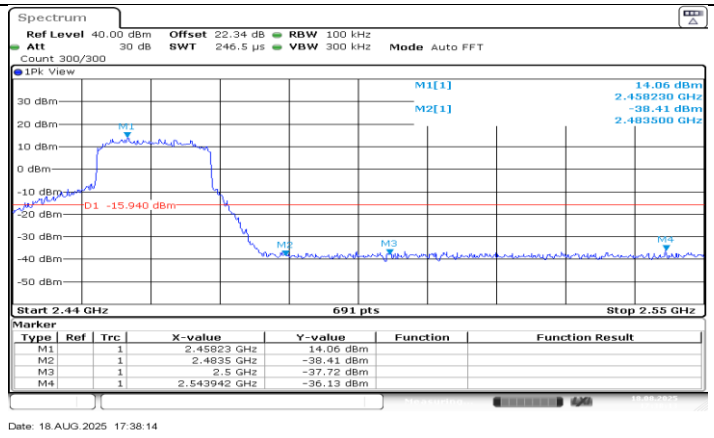
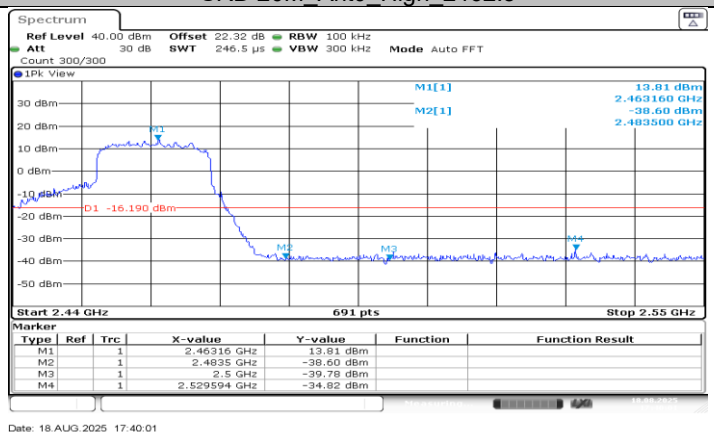
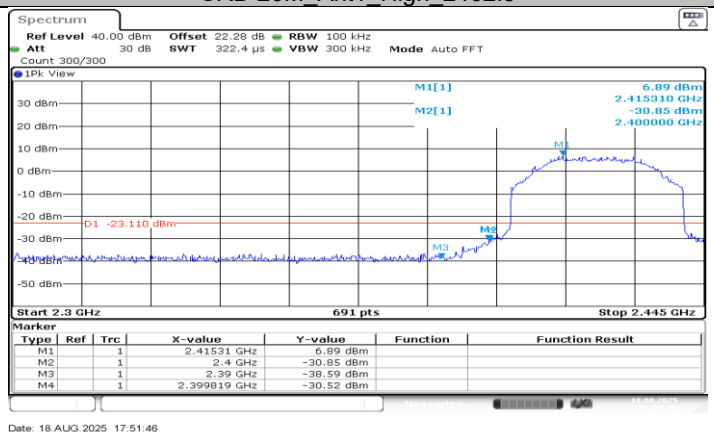


SRD 20M_Ant0_High_2462.5



SRD 20M_Ant1_High_2462.5



SRD 40M_Ant0_Low_2422.5

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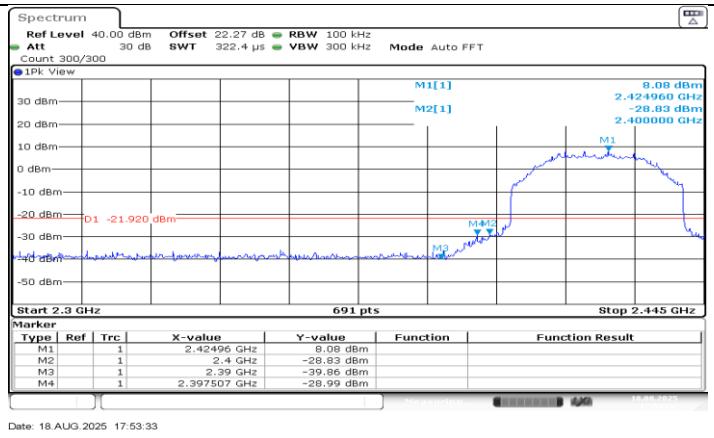

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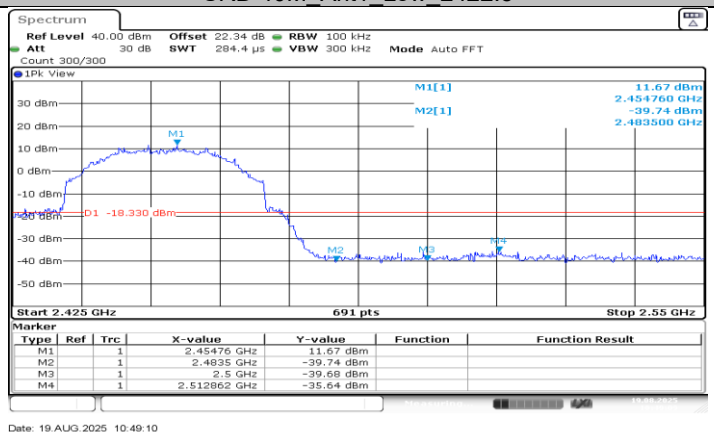

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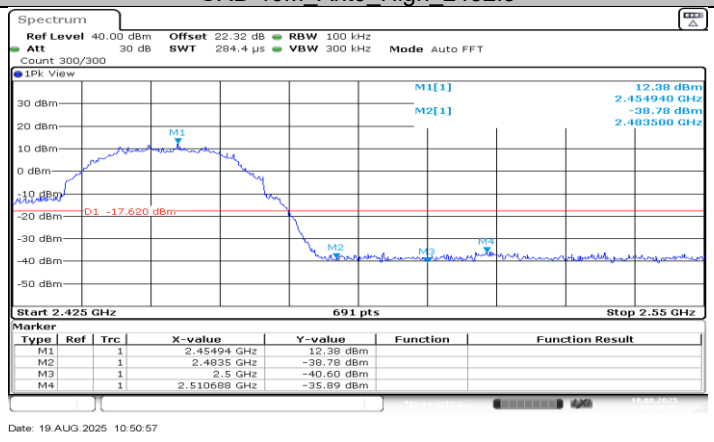

SRD 40M_Ant1_High_2452.5

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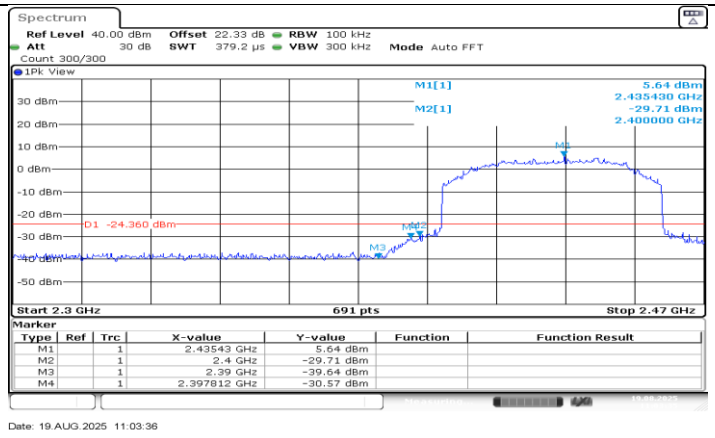
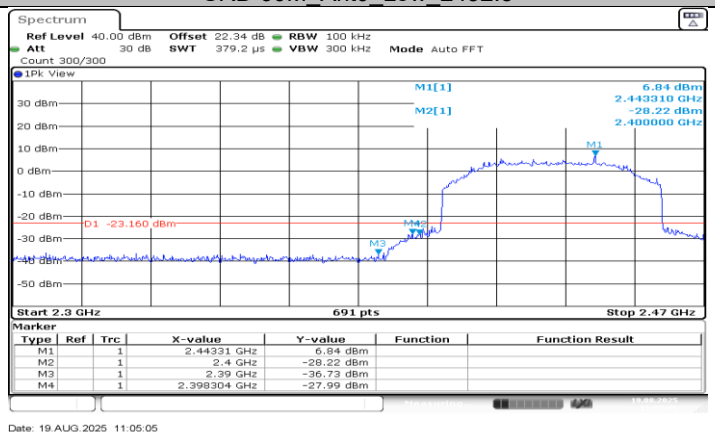
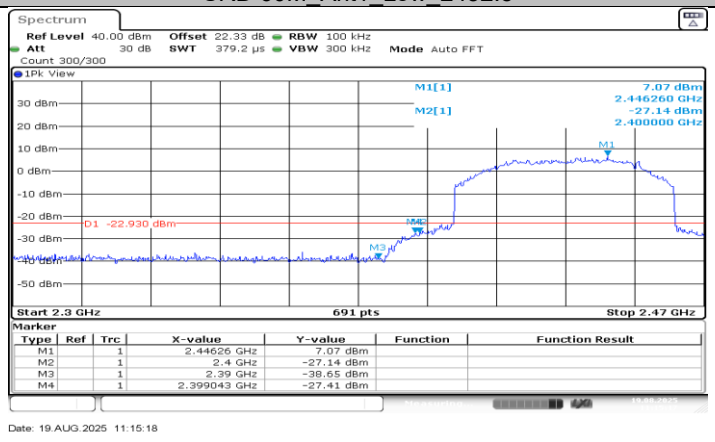


SRD 60M_Ant0_Low_2432.5



SRD 60M_Ant1_Low_2432.5



SRD 60M_Ant0_Low_2435.5

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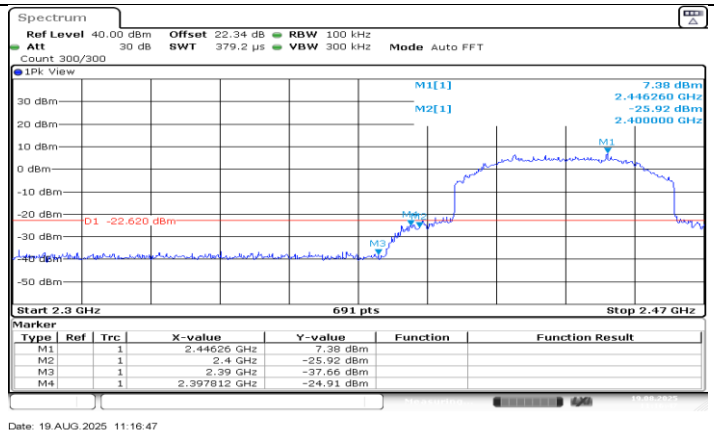
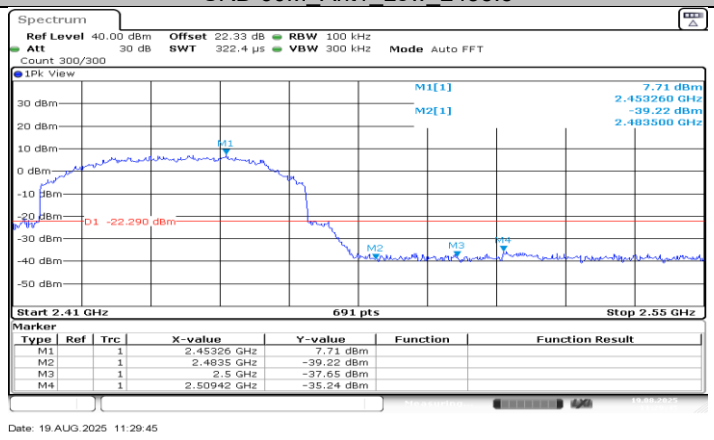
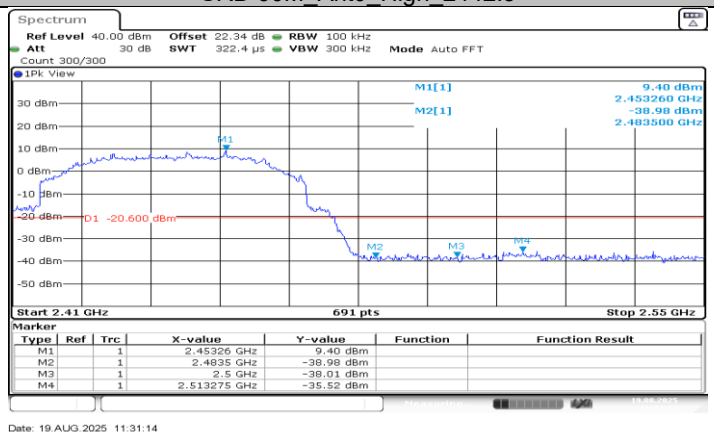


SRD 60M_Ant1_Low_2435.5



SRD 60M_Ant0_High_2442.5



SRD 60M_Ant1_High_2442.5

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11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
SRD 10M	Ant0	2407.5	Reference	10.93	---	PASS
			30~1000	-44.88	≤-19.07	PASS
			1000~26500	-39.97	≤-19.07	PASS
	Ant1	2407.5	Reference	11.01	---	PASS
			30~1000	-45.21	≤-18.99	PASS
			1000~26500	-40.21	≤-18.99	PASS
	Ant0	2409.5	Reference	11.96	---	PASS
			30~1000	-45.01	≤-18.04	PASS
			1000~26500	-39.98	≤-18.04	PASS
	Ant1	2409.5	Reference	12.32	---	PASS
			30~1000	-45.03	≤-17.68	PASS
			1000~26500	-39.21	≤-17.68	PASS
		2410.5	Reference	13.73	---	PASS
			30~1000	-44.5	≤-16.27	PASS
			1000~26500	-39.92	≤-16.27	PASS
	Ant0	2437.5	Reference	15.77	---	PASS
			30~1000	-45.28	≤-14.23	PASS
			1000~26500	-40.52	≤-14.23	PASS
	Ant1	2437.5	Reference	15.83	---	PASS
			30~1000	-44.89	≤-14.17	PASS
			1000~26500	-39.65	≤-14.17	PASS
	Ant0	2467.5	Reference	15.67	---	PASS
			30~1000	-44.99	≤-14.33	PASS
			1000~26500	-38.83	≤-14.33	PASS
	Ant1	2467.5	Reference	14.75	---	PASS
			30~1000	-45.51	≤-15.25	PASS
			1000~26500	-39.92	≤-15.25	PASS
SRD 20M	Ant0	2412.5	Reference	8.23	---	PASS
			30~1000	-44.41	≤-21.77	PASS
			1000~26500	-39.63	≤-21.77	PASS
	Ant1	2412.5	Reference	10.01	---	PASS
			30~1000	-45.38	≤-19.99	PASS
			1000~26500	-40.22	≤-19.99	PASS
	Ant0	2414.5	Reference	9.30	---	PASS
			30~1000	-45.25	≤-20.7	PASS
			1000~26500	-39.59	≤-20.7	PASS
	Ant1	2414.5	Reference	10.92	---	PASS
			30~1000	-45.11	≤-19.08	PASS
			1000~26500	-38.89	≤-19.08	PASS
	Ant0	2437.5	Reference	14.13	---	PASS
			30~1000	-45.3	≤-15.87	PASS
			1000~26500	-39.83	≤-15.87	PASS
	Ant1	2437.5	Reference	13.93	---	PASS
			30~1000	-44.39	≤-16.07	PASS
			1000~26500	-39.93	≤-16.07	PASS
	Ant0	2462.5	Reference	14.04	---	PASS
			30~1000	-45.14	≤-15.96	PASS
			1000~26500	-39.49	≤-15.96	PASS
	Ant1	2462.5	Reference	13.74	---	PASS
			30~1000	-45.52	≤-16.26	PASS
			1000~26500	-39.7	≤-16.26	PASS
SRD 40M	Ant0	2422.5	Reference	7.06	---	PASS
			30~1000	-45.27	≤-22.94	PASS
			1000~26500	-40.04	≤-22.94	PASS
	Ant1	2422.5	Reference	8.12	---	PASS

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			30~1000	-45.23	≤-21.88	PASS
			1000~26500	-39.91	≤-21.88	PASS
	Ant0	2432.5	Reference	8.75	---	PASS
			30~1000	-45.07	≤-21.25	PASS
			1000~26500	-40.15	≤-21.25	PASS
	Ant1	2432.5	Reference	8.91	---	PASS
			30~1000	-45.24	≤-21.09	PASS
			1000~26500	-40.26	≤-21.09	PASS
	Ant0	2435.5	Reference	10.39	---	PASS
			30~1000	-45.25	≤-19.61	PASS
			1000~26500	-40.03	≤-19.61	PASS
	Ant1	2435.5	Reference	10.58	---	PASS
			30~1000	-44.86	≤-19.42	PASS
			1000~26500	-40.39	≤-19.42	PASS
	Ant0	2437.5	Reference	12.43	---	PASS
			30~1000	-45.03	≤-17.57	PASS
			1000~26500	-40.08	≤-17.57	PASS
	Ant1	2437.5	Reference	12.51	---	PASS
			30~1000	-44.98	≤-17.49	PASS
			1000~26500	-40.23	≤-17.49	PASS
	Ant0	2452.5	Reference	11.73	---	PASS
			30~1000	-45.12	≤-18.27	PASS
			1000~26500	-39.81	≤-18.27	PASS
	Ant1	2452.5	Reference	12.26	---	PASS
			30~1000	-45.24	≤-17.74	PASS
			1000~26500	-40.06	≤-17.74	PASS
SRD 60M	Ant0	2432.5	Reference	5.81	---	PASS
			30~1000	-45	≤-24.19	PASS
			1000~26500	-40.23	≤-24.19	PASS
	Ant1	2432.5	Reference	6.65	---	PASS
			30~1000	-45.53	≤-23.35	PASS
			1000~26500	-39.93	≤-23.35	PASS
	Ant0	2435.5	Reference	6.92	---	PASS
			30~1000	-45.17	≤-23.08	PASS
			1000~26500	-40.55	≤-23.08	PASS
	Ant1	2435.5	Reference	7.05	---	PASS
			30~1000	-44.67	≤-22.95	PASS
			1000~26500	-39.77	≤-22.95	PASS
	Ant0	2437.5	Reference	9.68	---	PASS
			30~1000	-45.17	≤-20.32	PASS
			1000~26500	-40.32	≤-20.32	PASS
	Ant1	2437.5	Reference	10.18	---	PASS
			30~1000	-45.24	≤-19.82	PASS
			1000~26500	-39.82	≤-19.82	PASS
	Ant0	2442.5	Reference	8.19	---	PASS
			30~1000	-44.72	≤-21.81	PASS
			1000~26500	-40	≤-21.81	PASS
	Ant1	2442.5	Reference	9.38	---	PASS
			30~1000	-45.05	≤-20.62	PASS
			1000~26500	-38.17	≤-20.62	PASS

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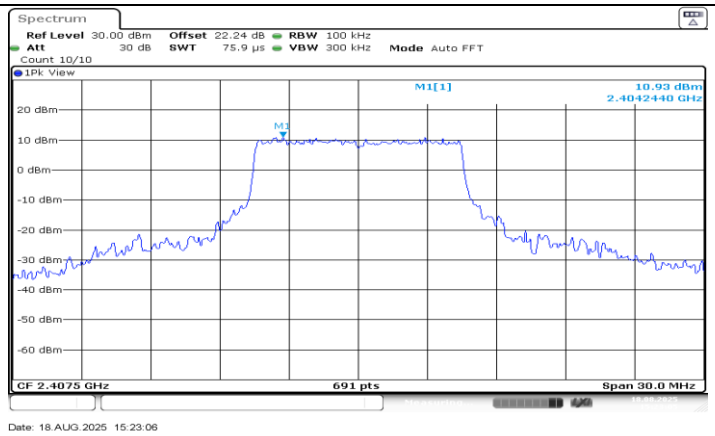
11.6.2. Test Graphs



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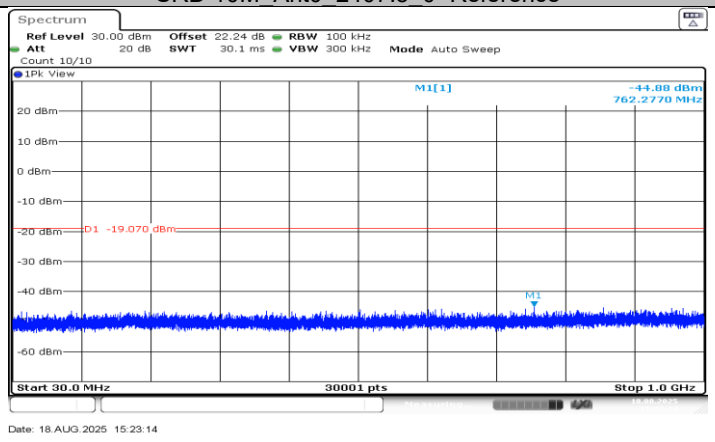

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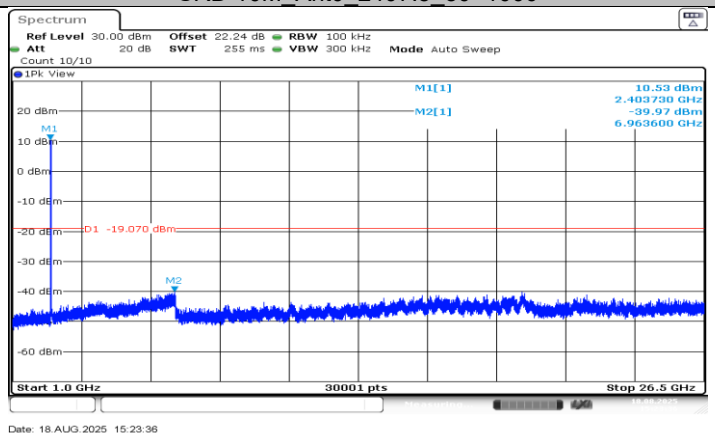

SRD 10M_Ant0_2407.5_1000~26500

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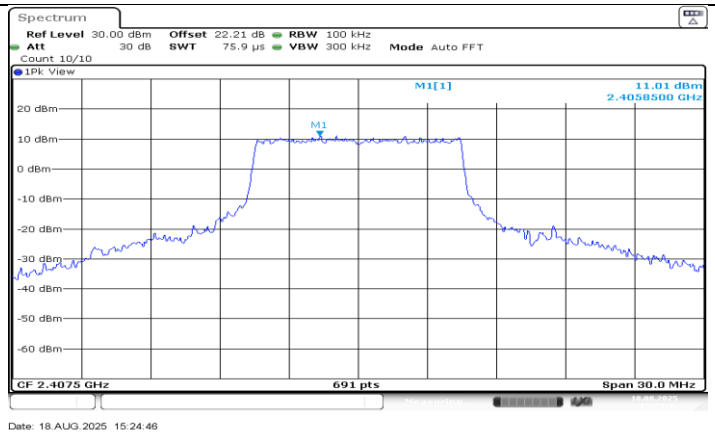
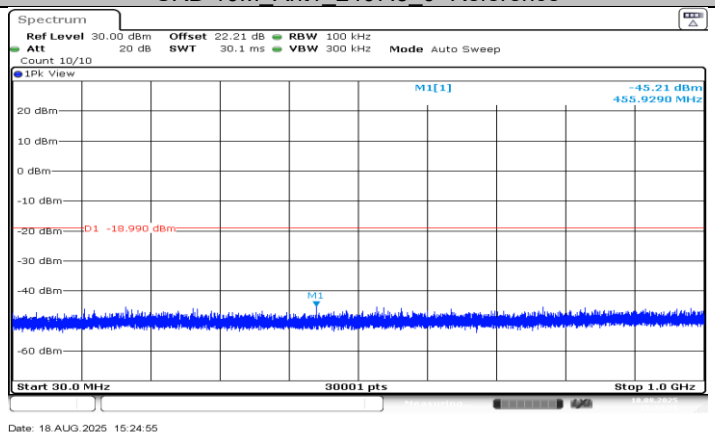


SRD 10M_Ant1_2407.5_0~Reference



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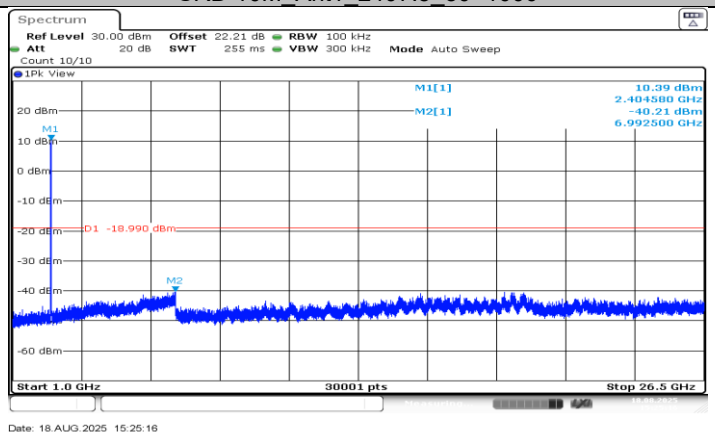

SRD 10M_Ant1_2407.5_1000~26500

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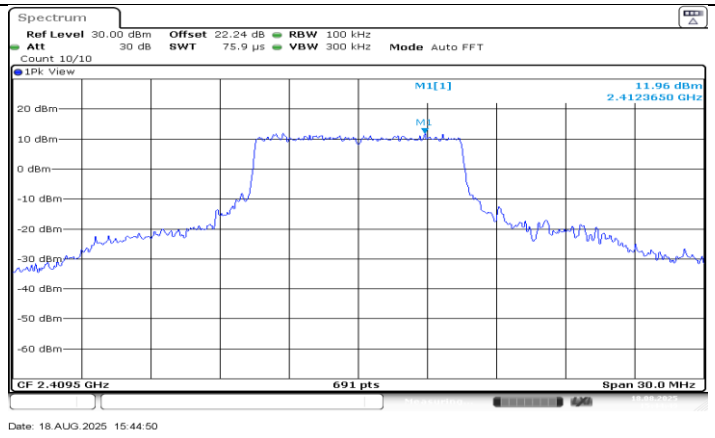
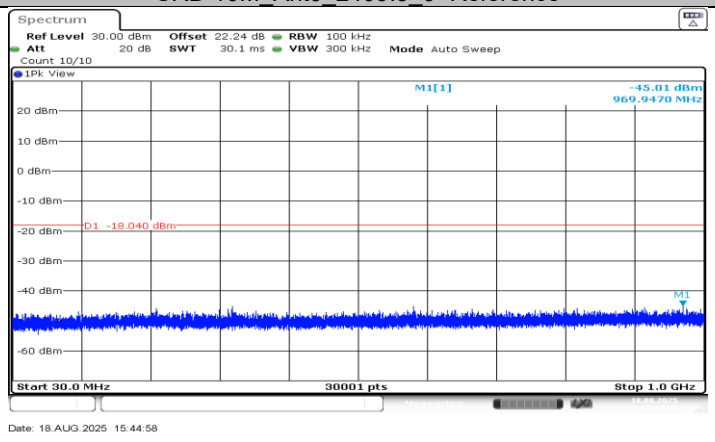


SRD 10M_Ant0_2409.5_0~Reference



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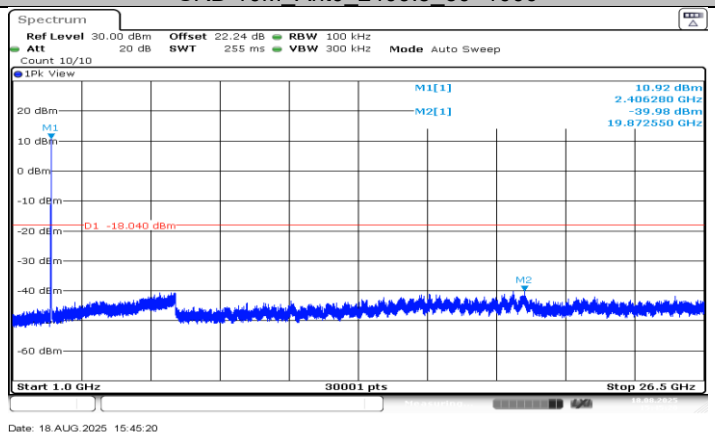

SRD 10M_Ant0_2409.5_1000~26500

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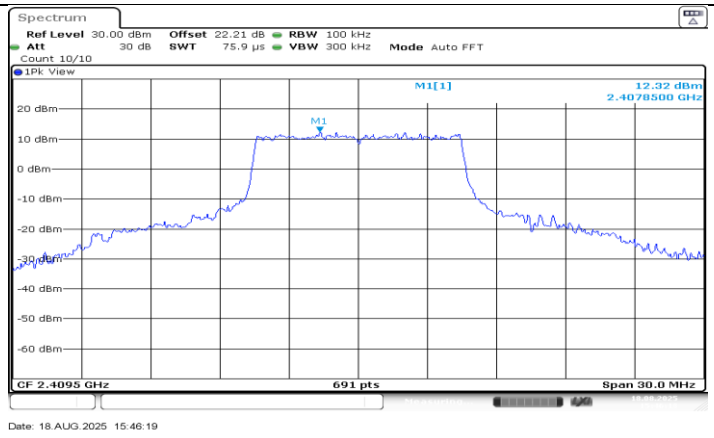
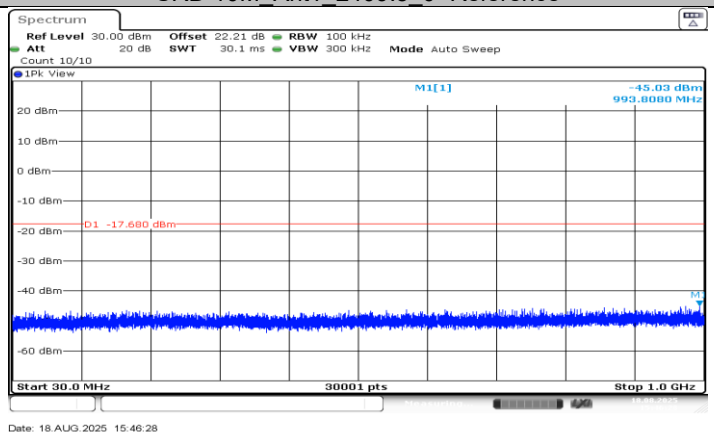
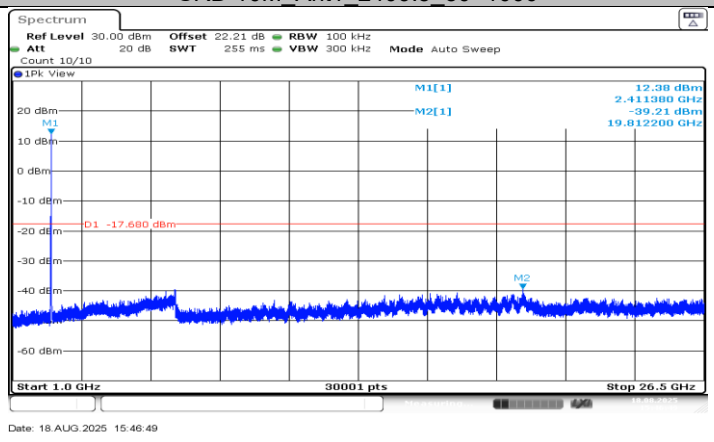


SRD 10M_Ant1_2409.5_0~Reference



SRD 10M_Ant1_2409.5_30~1000



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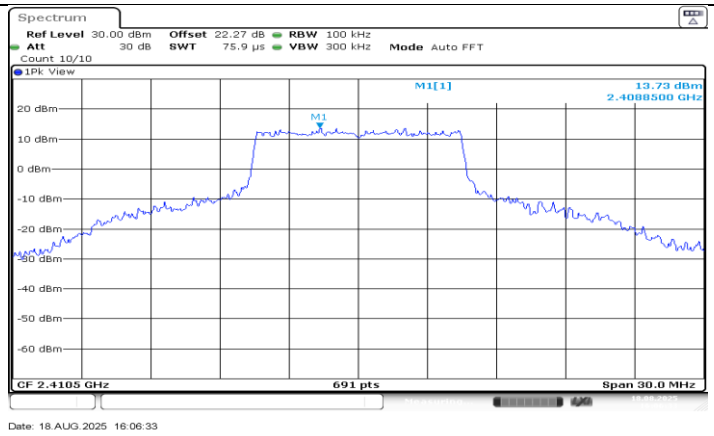

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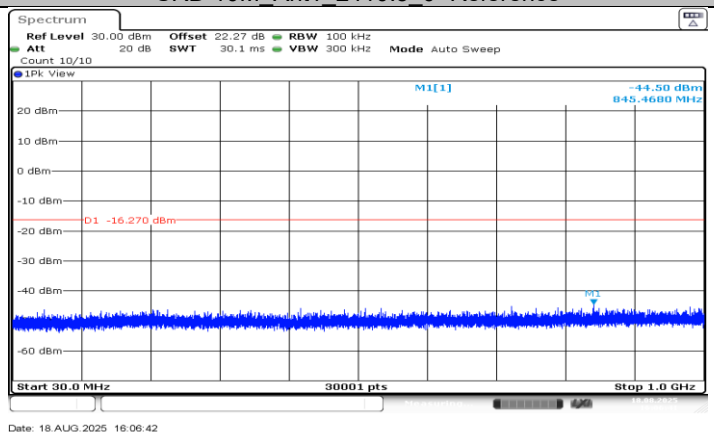

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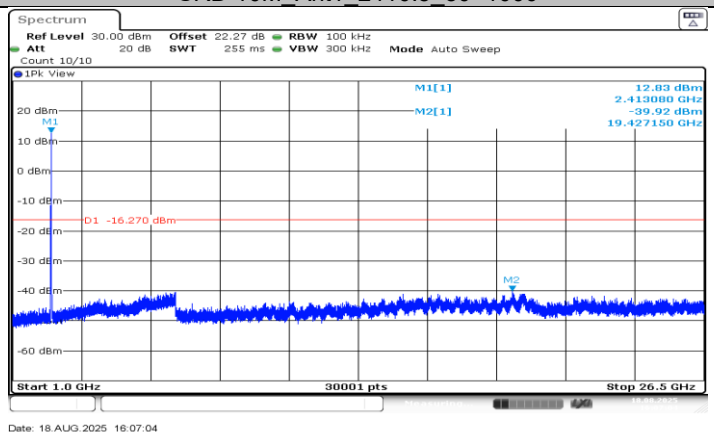

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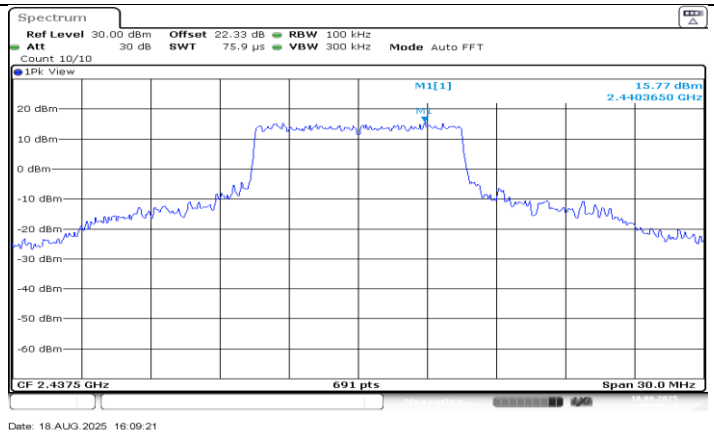

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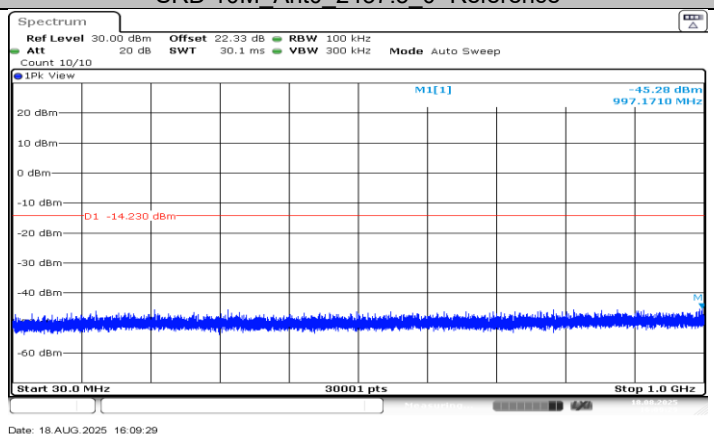

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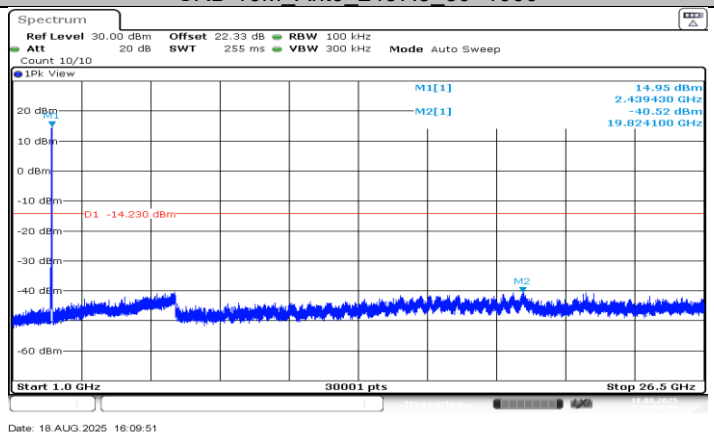

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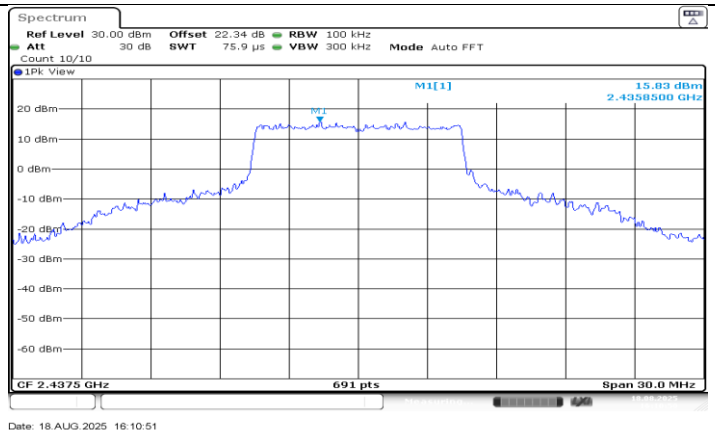

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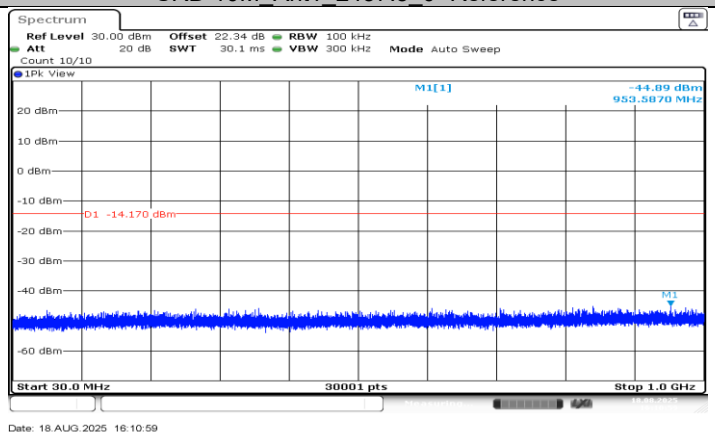

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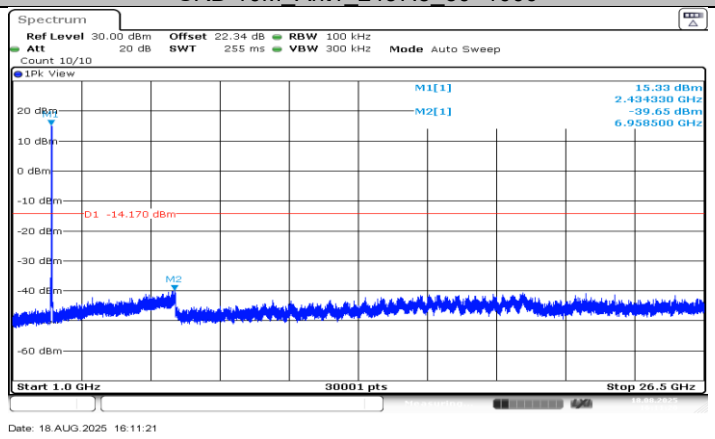

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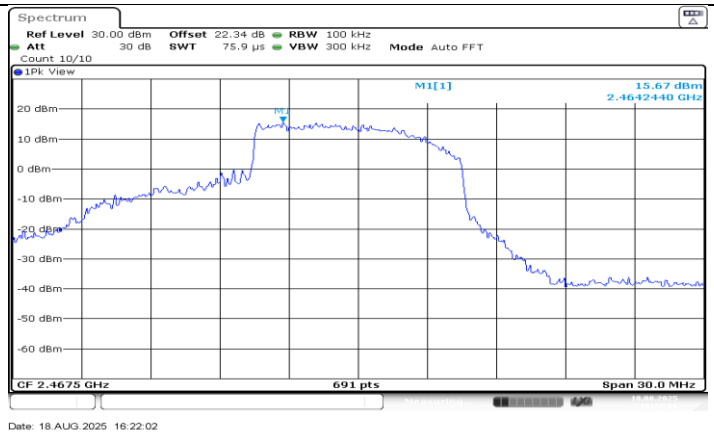

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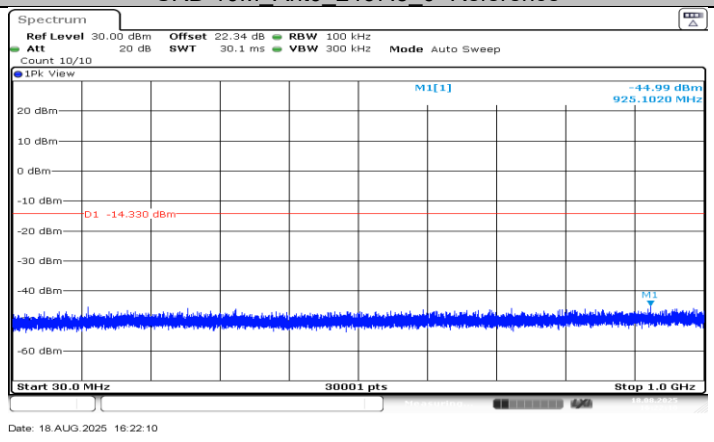

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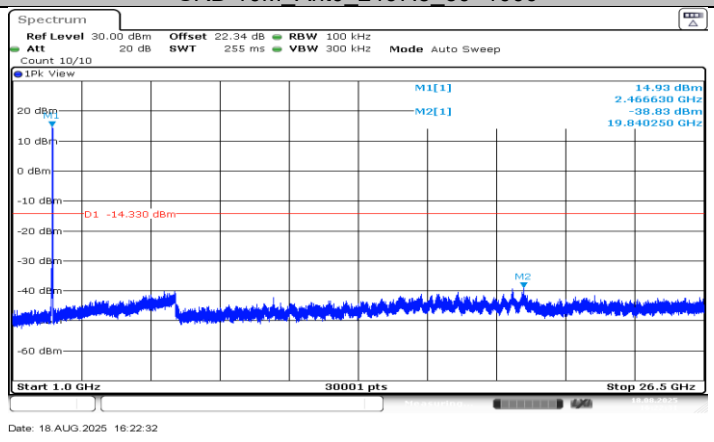

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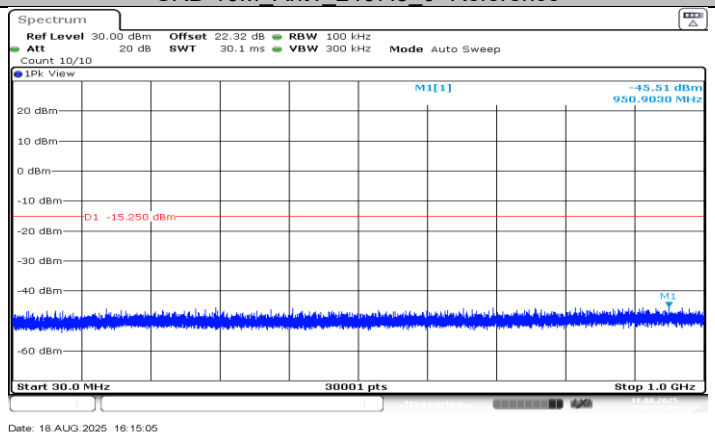

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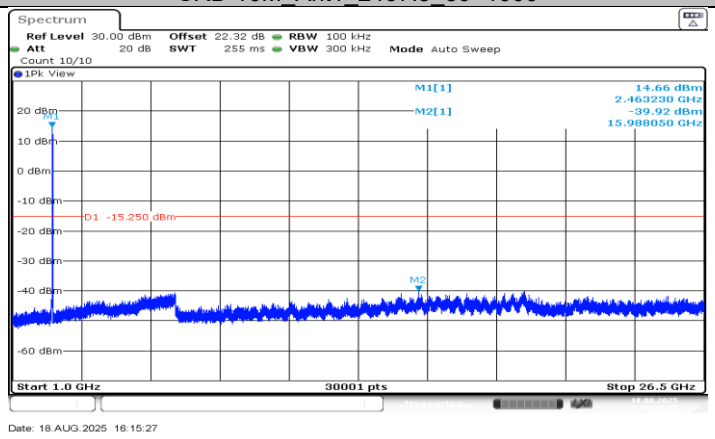

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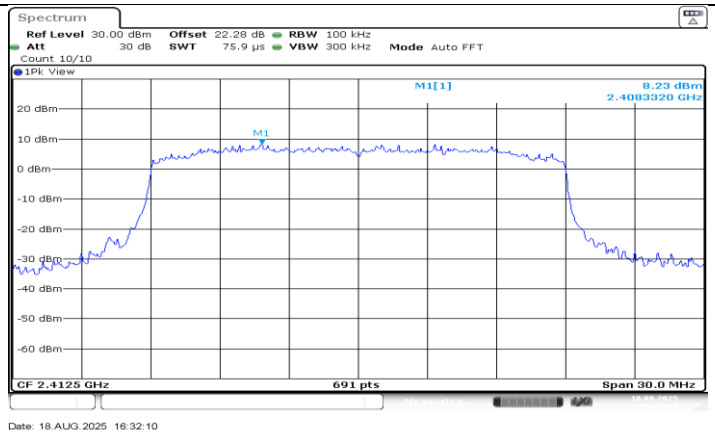

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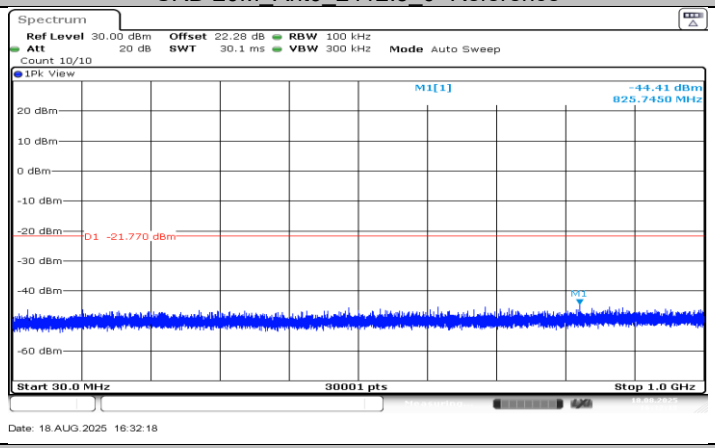

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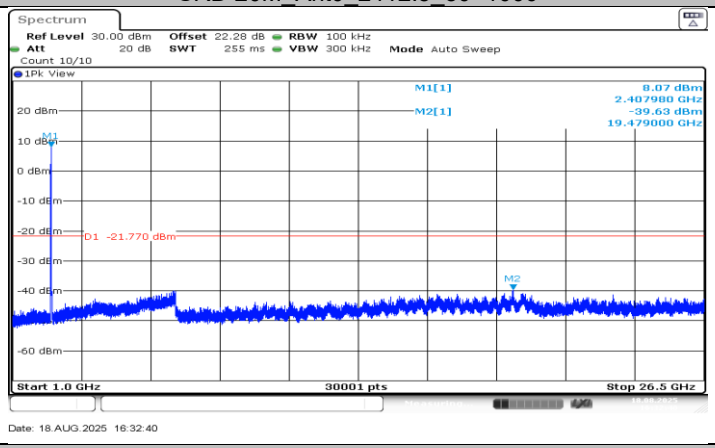

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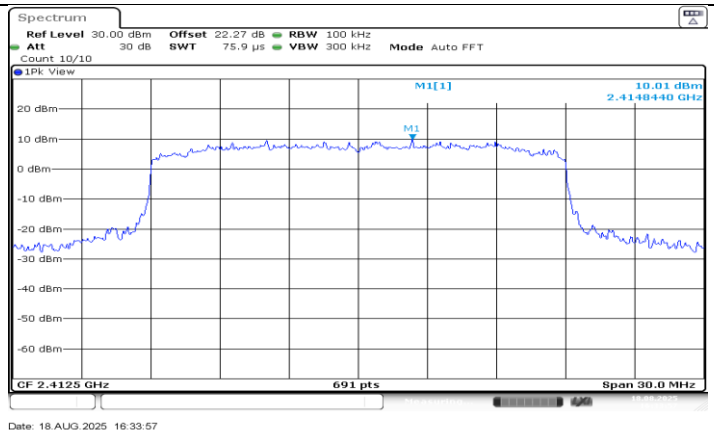

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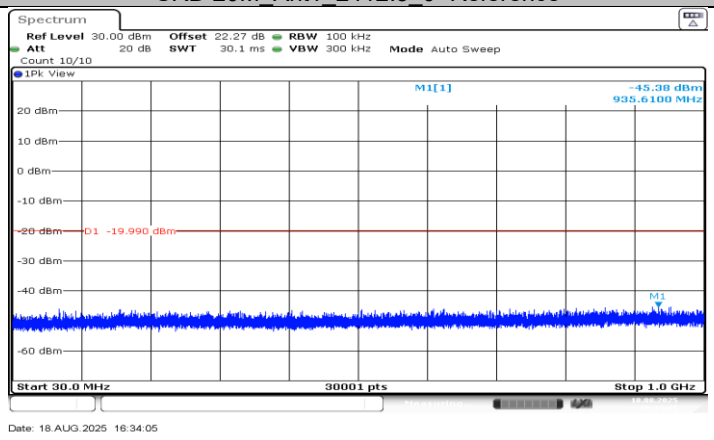

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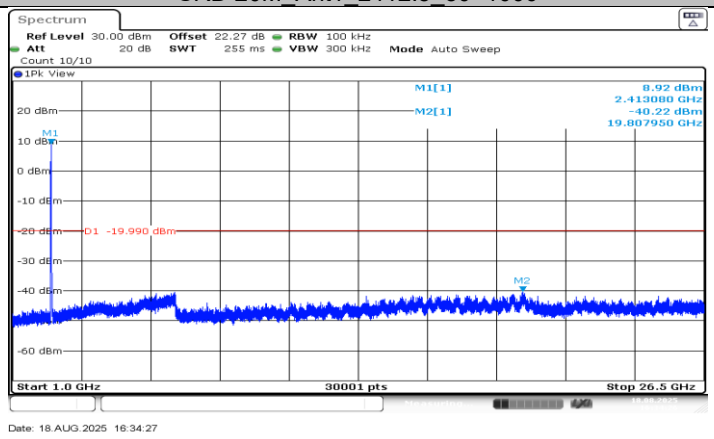

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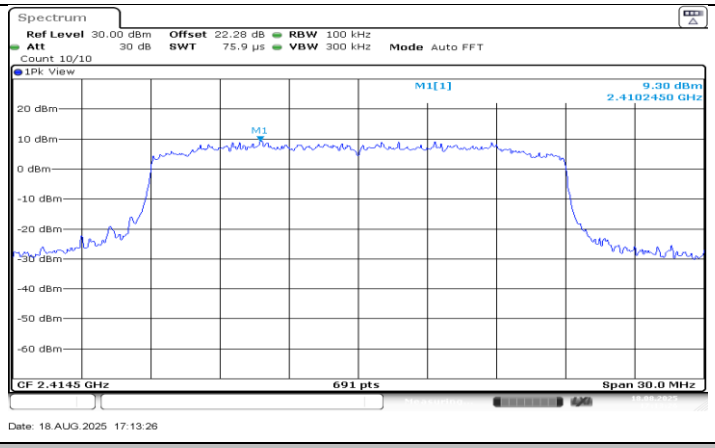

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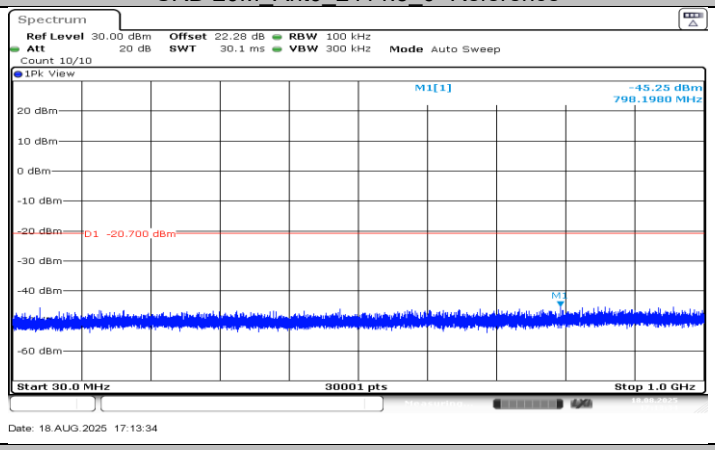

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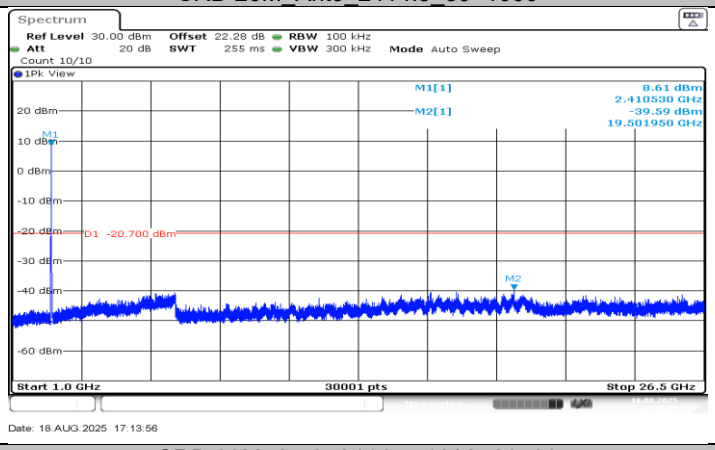

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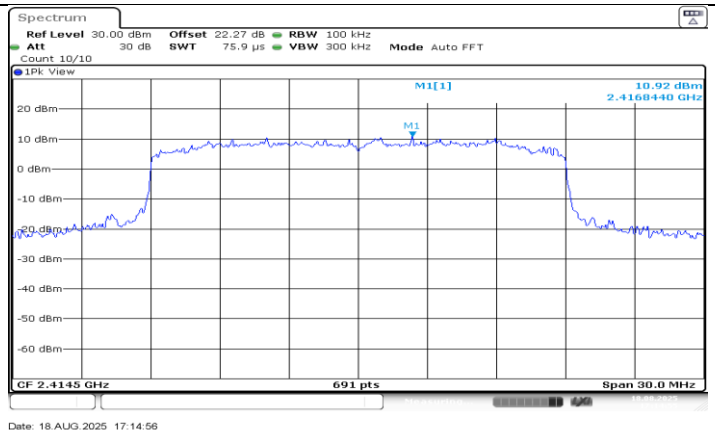

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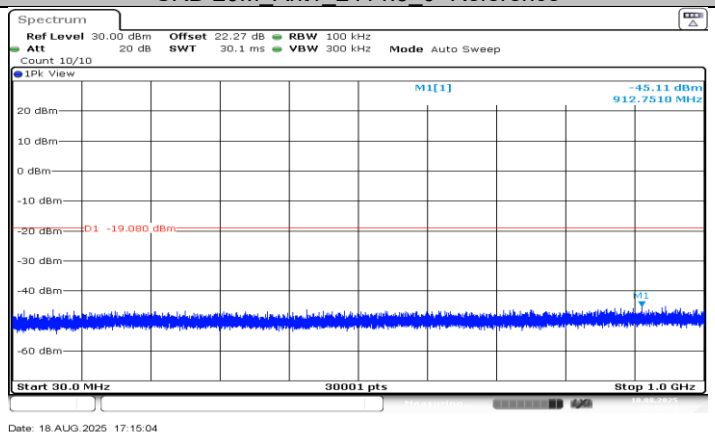

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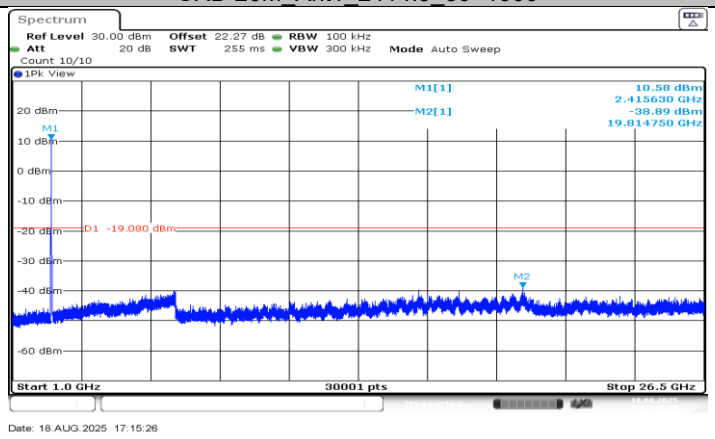

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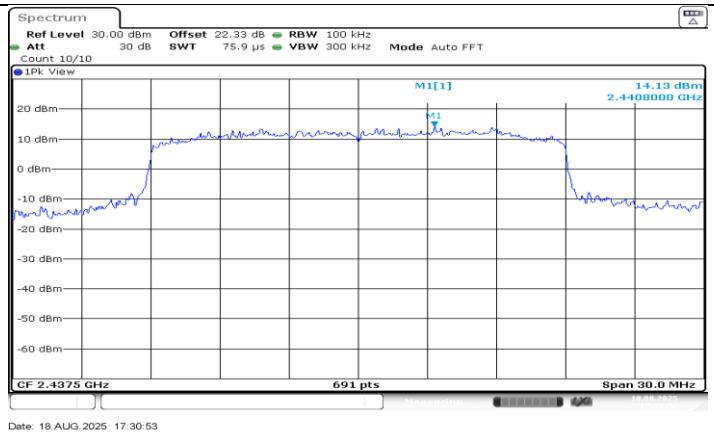

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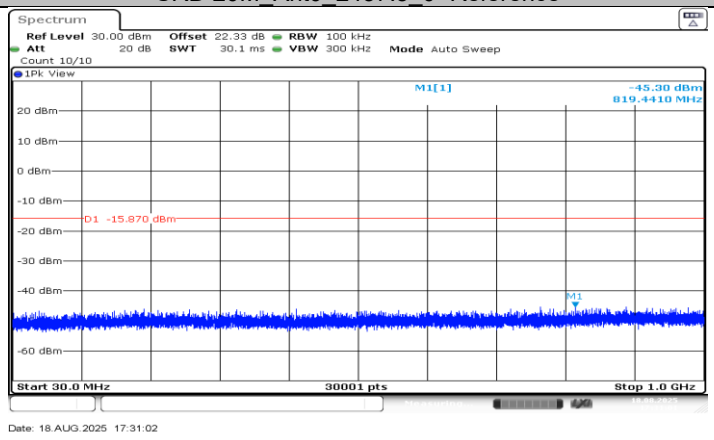

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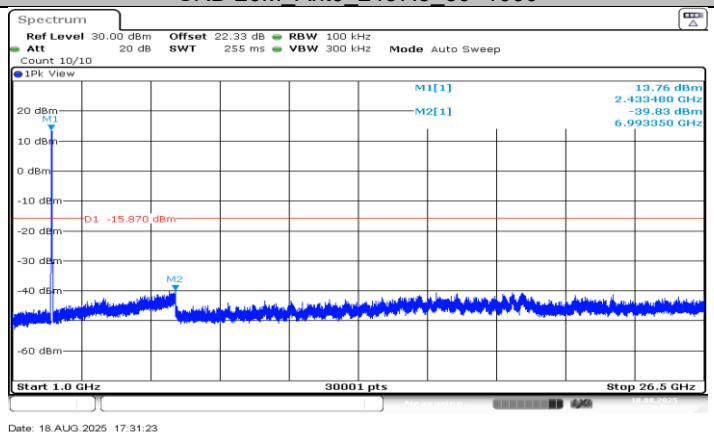

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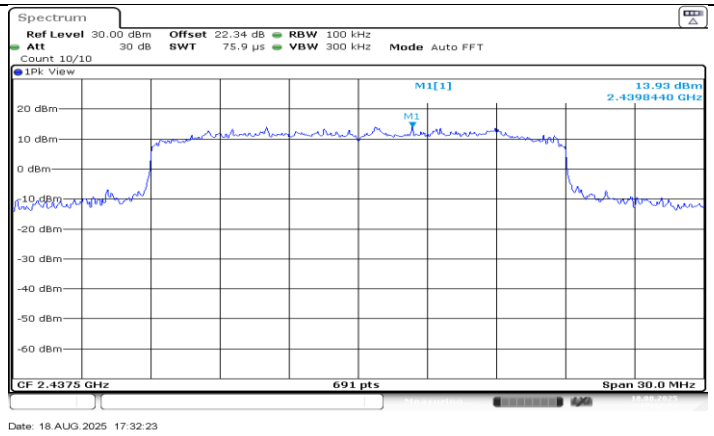

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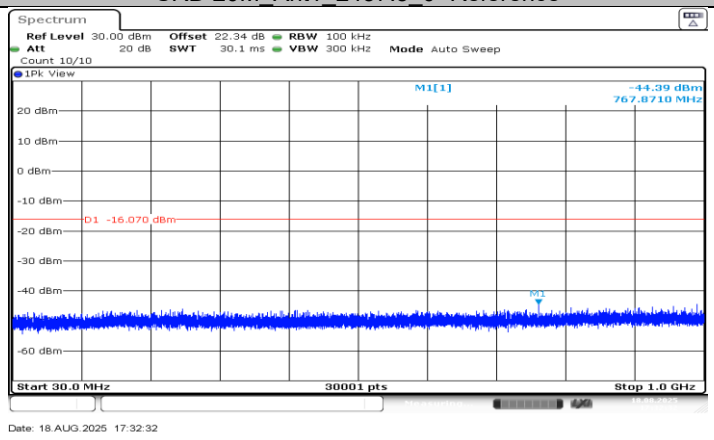

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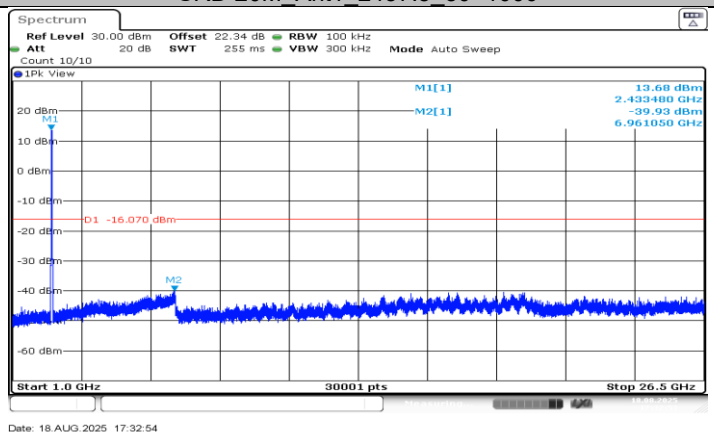

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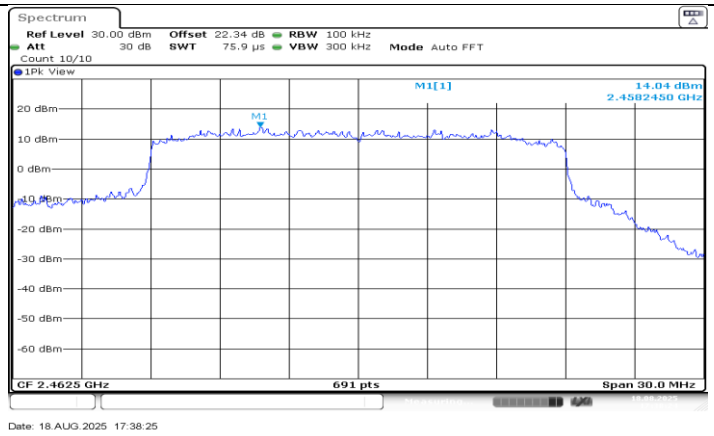

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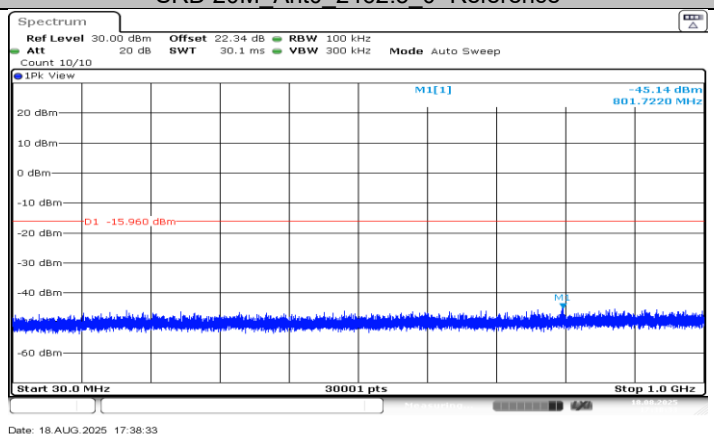

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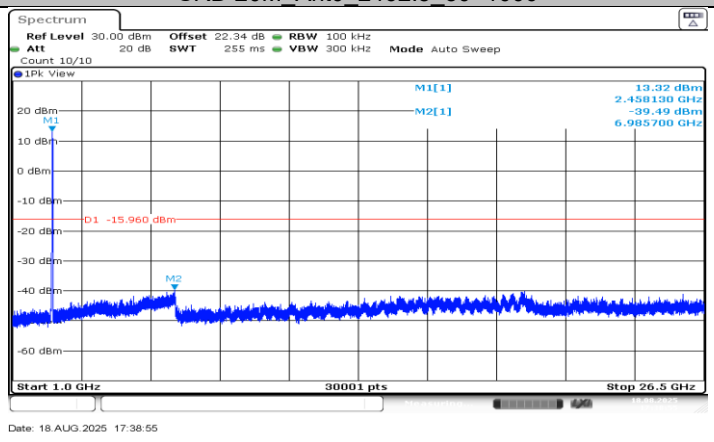

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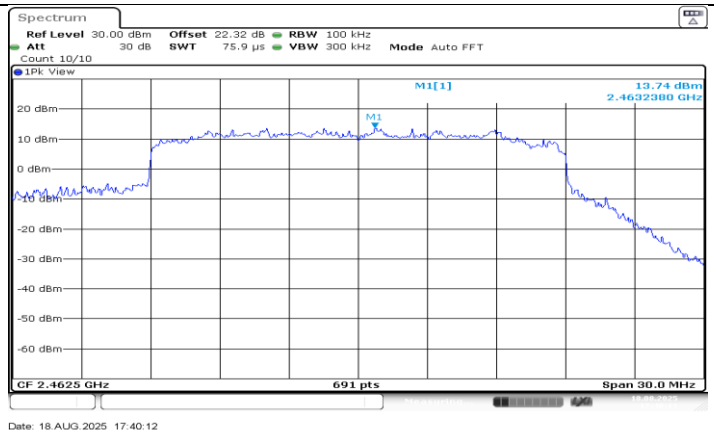

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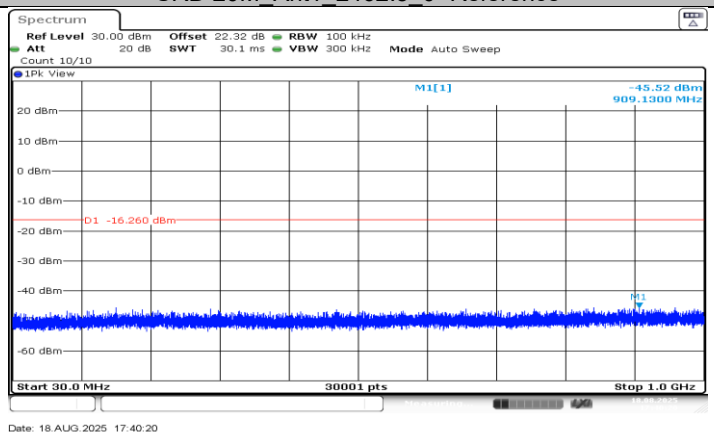

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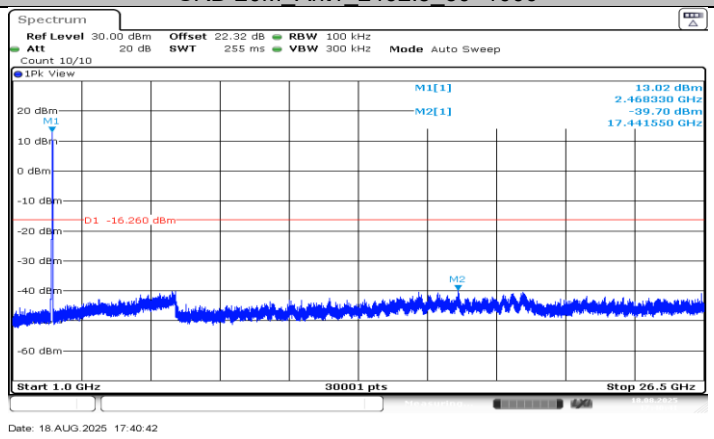

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