4: Maximum power spectral density

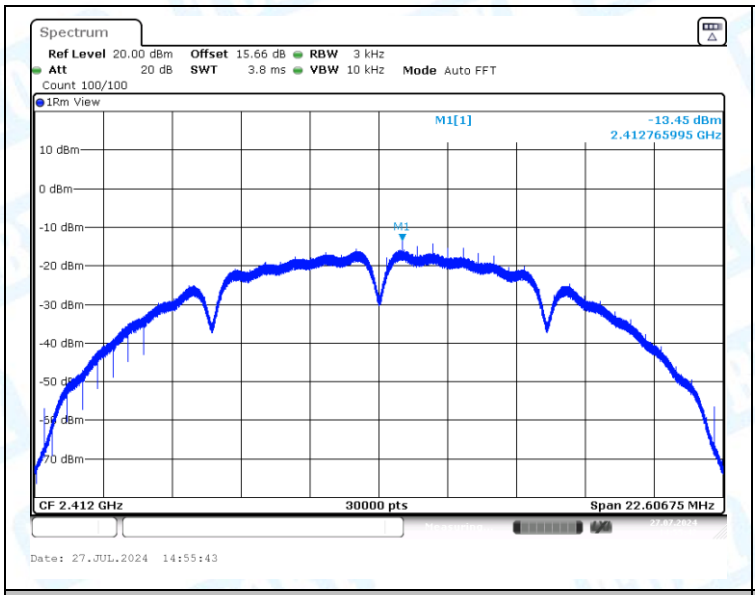
4.1 Test Result

TestMode	Ant.	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.35	≤8.00	PASS
11B	Ant2	2412	-11.92	≤8.00	PASS
11B	Ant1	2437	-15.40	≤8.00	PASS
11B	Ant2	2437	-14.96	≤8.00	PASS
11B	Ant1	2462	-12.58	≤8.00	PASS
11B	Ant2	2462	-16.16	≤8.00	PASS
11B-CDD	Ant1	2412	-14.52	≤8.00	PASS
11B-CDD	Ant2	2412	-14.32	≤8.00	PASS
11B-CDD	total	2412	-11.41	≤7.99	PASS
11B-CDD	Ant1	2437	-16.87	≤8.00	PASS
11B-CDD	Ant2	2437	-16.60	≤8.00	PASS
11B-CDD	total	2437	-13.72	≤7.99	PASS
11B-CDD	Ant1	2462	-17.90	≤8.00	PASS
11B-CDD	Ant2	2462	-15.43	≤8.00	PASS
11B-CDD	total	2462	-13.48	≤7.99	PASS
11G	Ant1	2412	-12.49	≤8.00	PASS
11G	Ant2	2412	-12.37	≤8.00	PASS
11G	Ant1	2437	-12.91	≤8.00	PASS
11G	Ant2	2437	-14.04	≤8.00	PASS
11G	Ant1	2462	-13.62	≤8.00	PASS
11G	Ant2	2462	-12.82	≤8.00	PASS
11G-CDD	Ant1	2412	-17.09	≤8.00	PASS
11G-CDD	Ant2	2412	-15.66	≤8.00	PASS
11G-CDD	total	2412	-13.31	≤7.99	PASS
11G-CDD	Ant1	2437	-16.04	≤8.00	PASS
11G-CDD	Ant2	2437	-15.02	≤8.00	PASS
11G-CDD	total	2437	-12.49	≤7.99	PASS
11G-CDD	Ant1	2462	-15.79	≤8.00	PASS
11G-CDD	Ant2	2462	-15.14	≤8.00	PASS
11G-CDD	total	2462	-12.44	≤7.99	PASS
11N20-CDD	Ant1	2412	-17.51	≤8.00	PASS
11N20-CDD	Ant2	2412	-17.96	≤8.00	PASS
11N20-CDD	total	2412	-14.72	≤7.99	PASS
11N20-CDD	Ant1	2437	-18.18	≤8.00	PASS
11N20-CDD	Ant2	2437	-18.17	≤8.00	PASS
11N20-CDD	total	2437	-15.16	≤7.99	PASS
11N20-CDD	Ant1	2462	-26.04	≤8.00	PASS
11N20-CDD	Ant2	2462	-25.29	≤8.00	PASS
11N20-CDD	total	2462	-22.64	≤7.99	PASS
11N40-CDD	Ant1	2422	-20.28	≤8.00	PASS

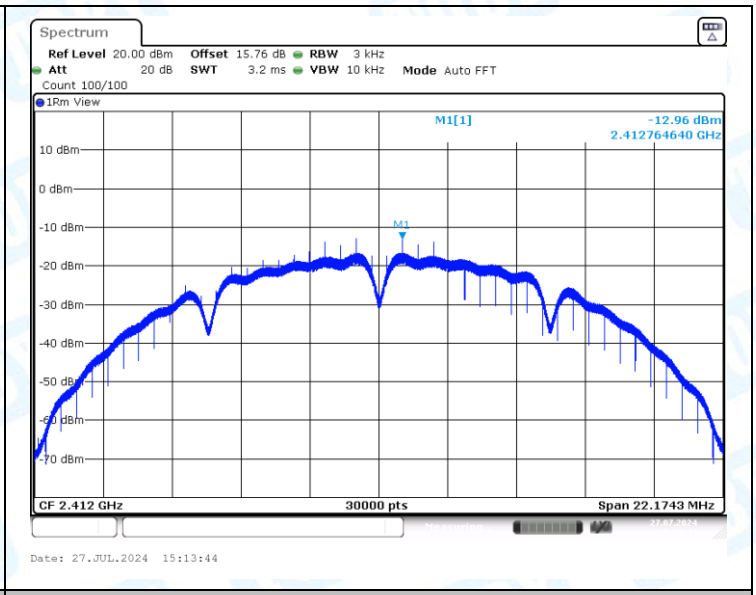
11N40-CDD	Ant2	2422	-21.32	≤8.00	PASS
11N40-CDD	total	2422	-17.76	≤7.99	PASS
11N40-CDD	Ant1	2437	-20.83	≤8.00	PASS
11N40-CDD	Ant2	2437	-22.91	≤8.00	PASS
11N40-CDD	total	2437	-18.74	≤7.99	PASS
11N40-CDD	Ant1	2452	-21.26	≤8.00	PASS
11N40-CDD	Ant2	2452	-22.07	≤8.00	PASS
11N40-CDD	total	2452	-18.64	≤7.99	PASS

Note：The Duty Cycle Factor is compensated in the graph.

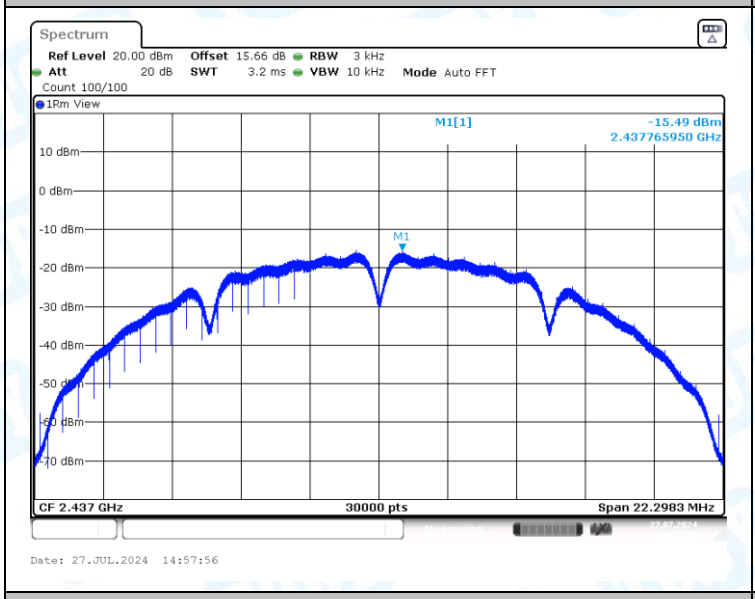
4.2 Test Graphs



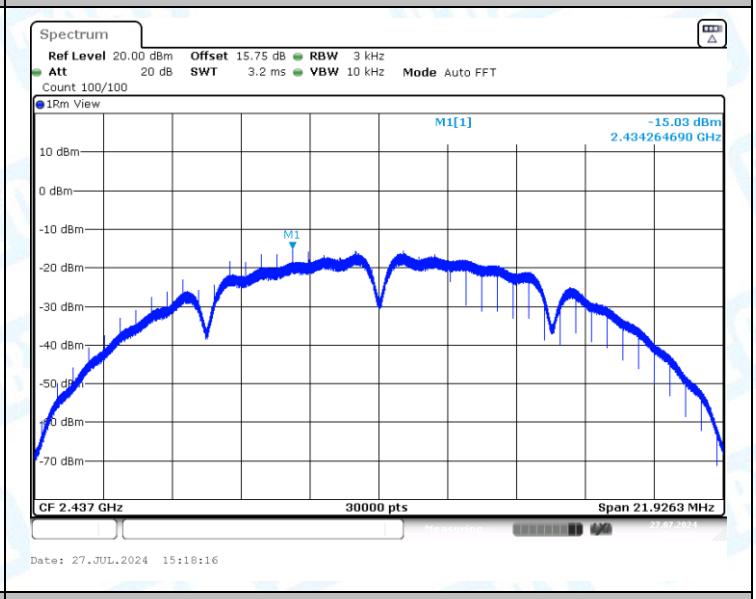
11B-Ant1-2412-PASS



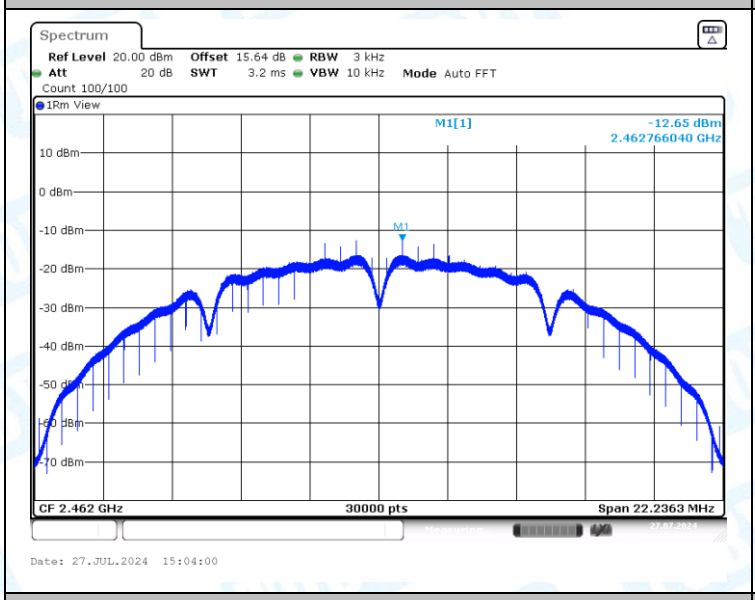
11B-Ant2-2412-PASS



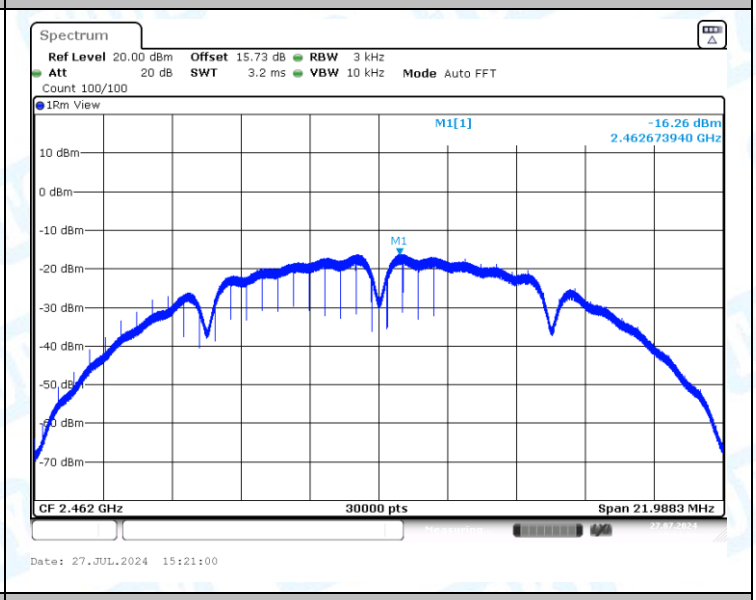
11B-Ant1-2437-PASS



11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



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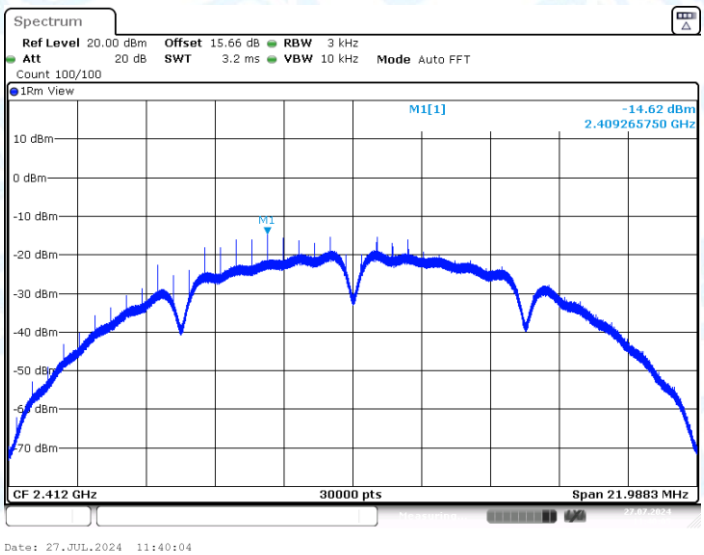
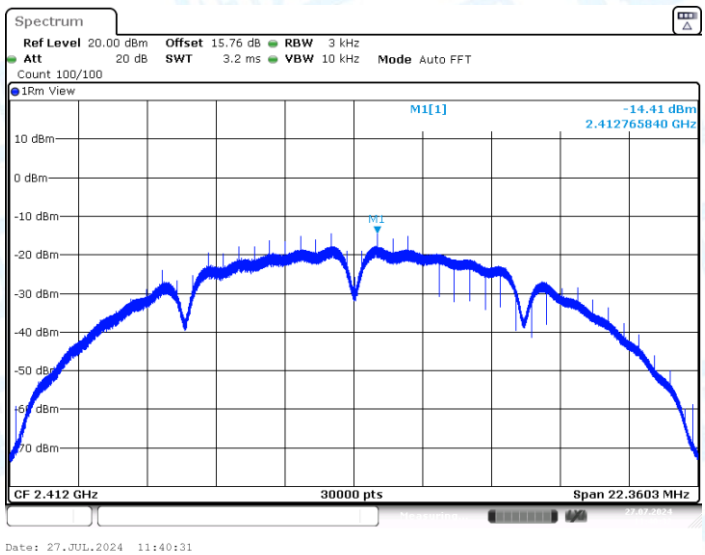
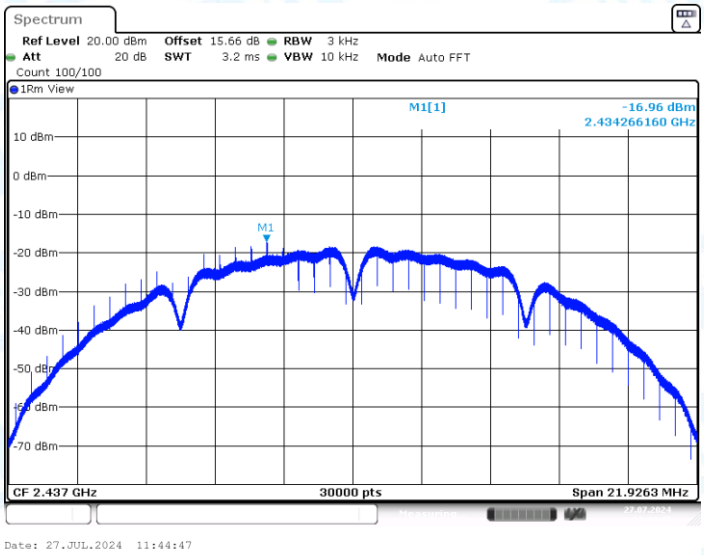


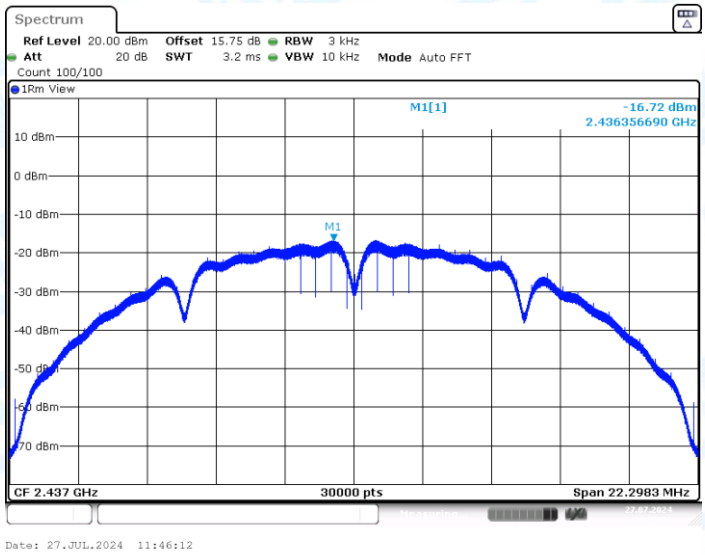
11B-CDD-Ant1-2412-PASS



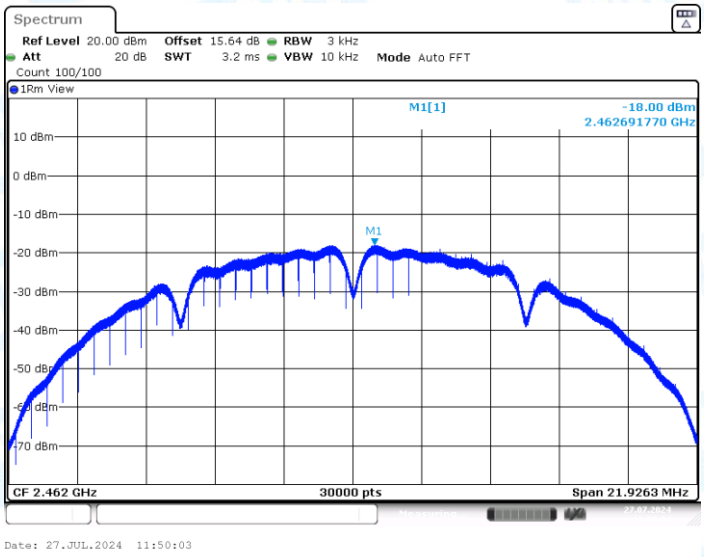
11B-CDD-Ant2-2412-PASS



11B-CDD-Ant1-2437-PASS



11B-CDD-Ant2-2437-PASS



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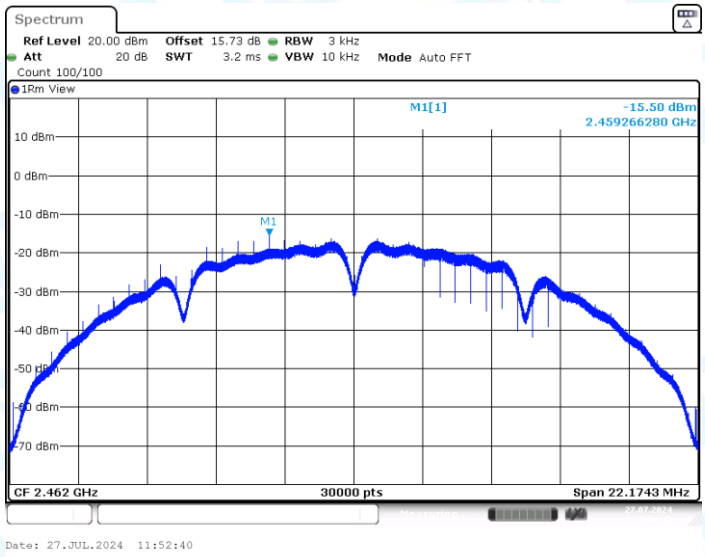
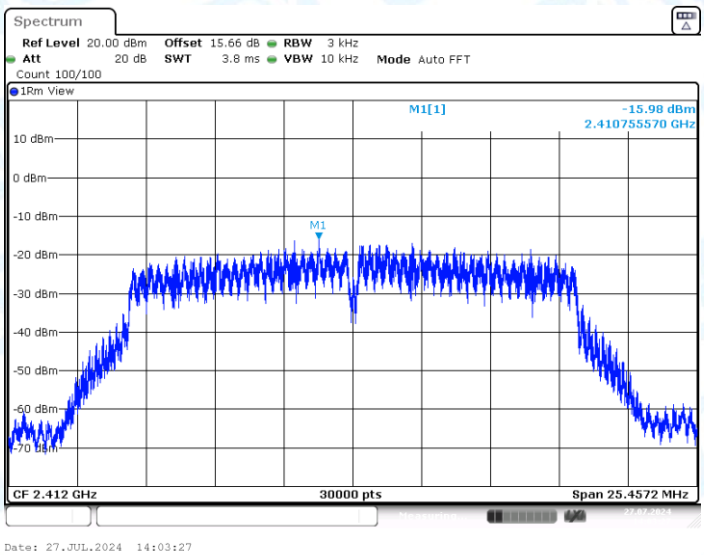
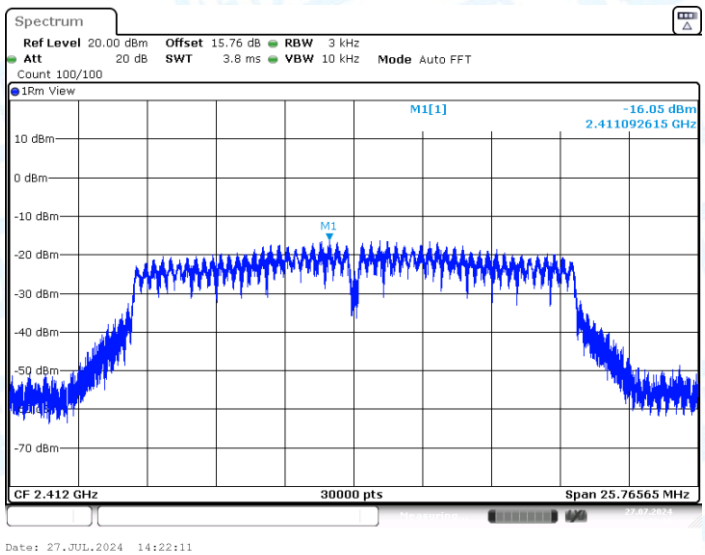


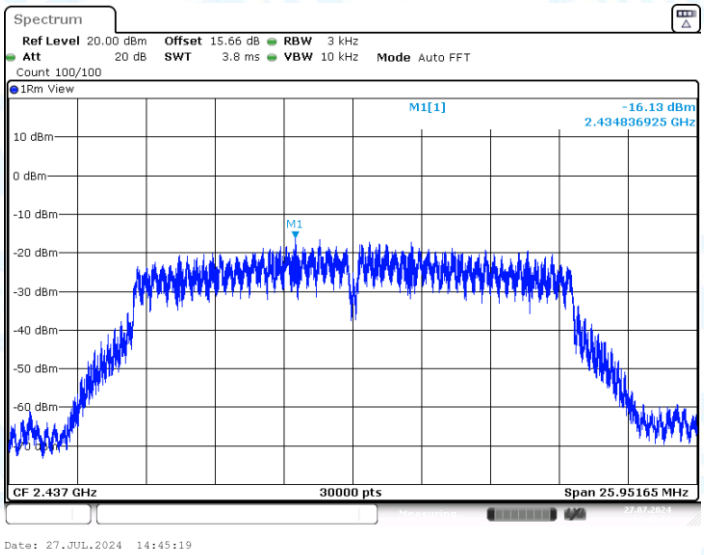
11B-CDD-Ant2-2462-PASS



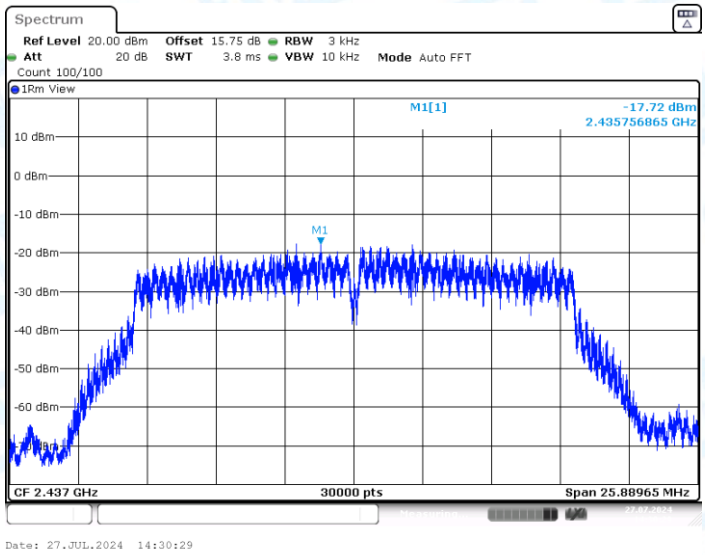
11G-Ant1-2412-PASS



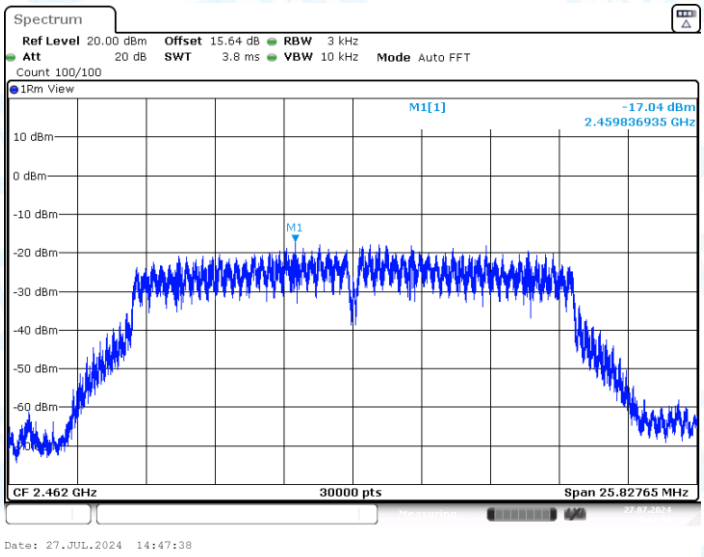
11G-Ant2-2412-PASS



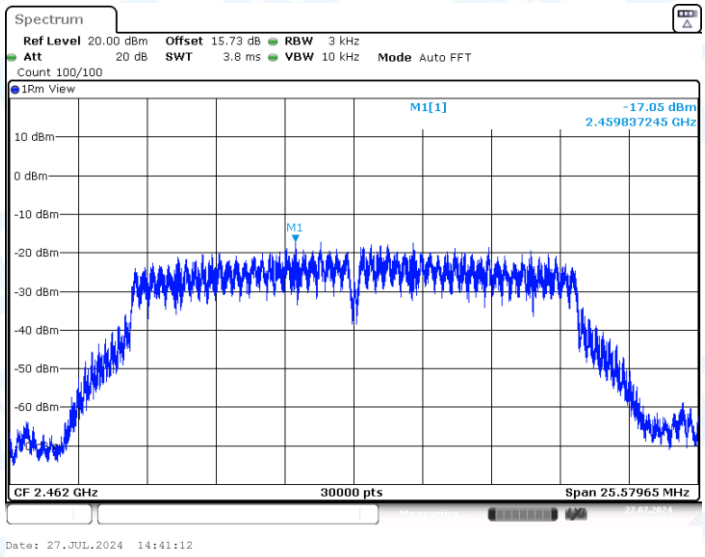
11G-Ant1-2437-PASS



11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



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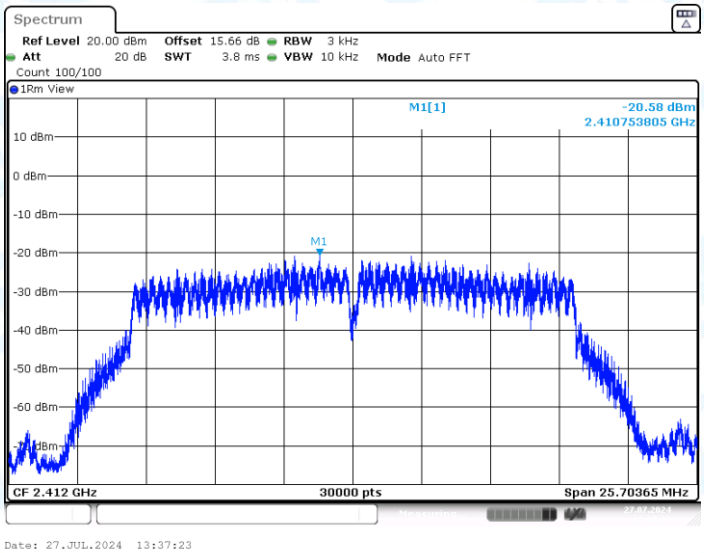
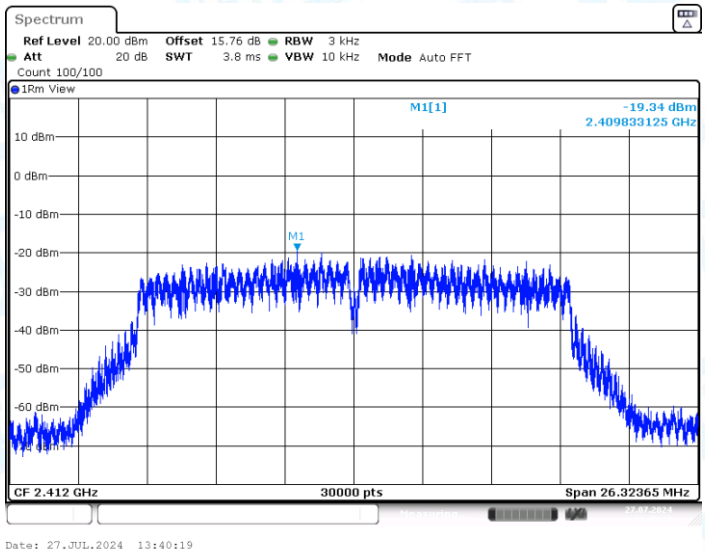
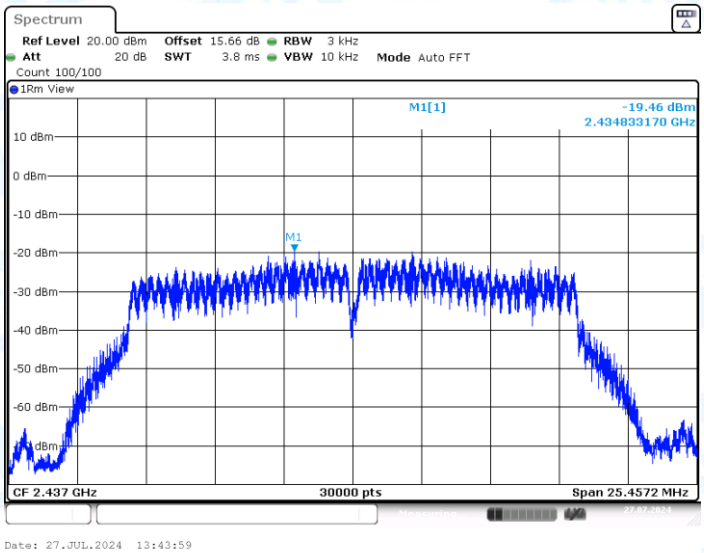


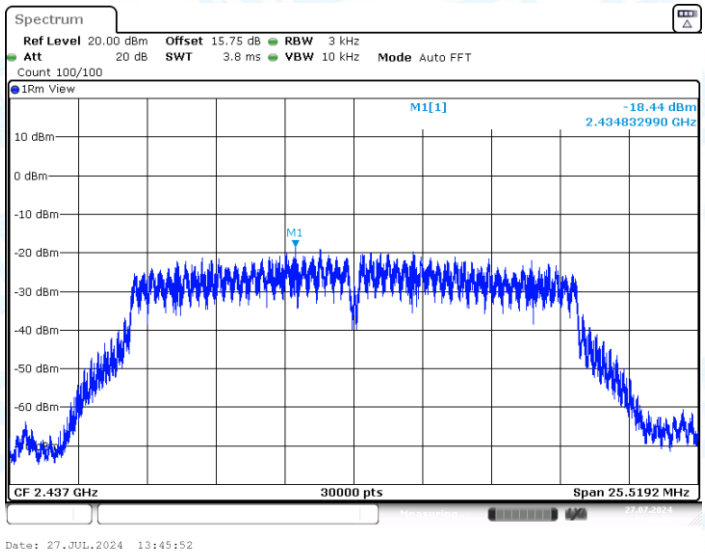
11G-CDD-Ant1-2412-PASS



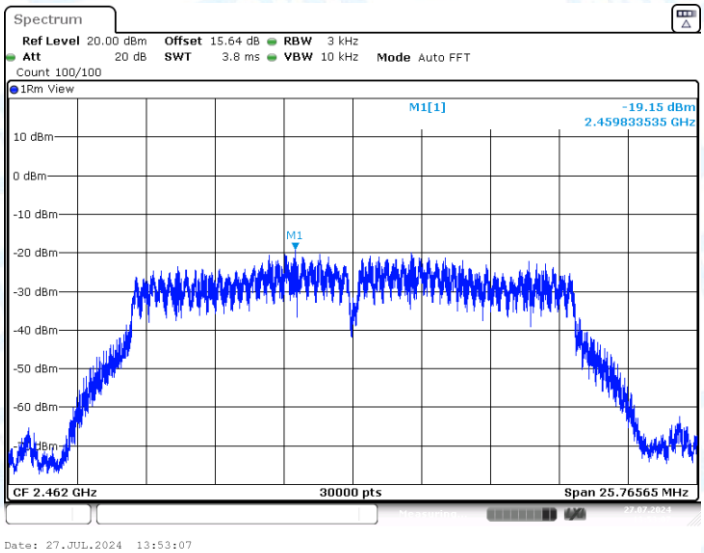
11G-CDD-Ant2-2412-PASS



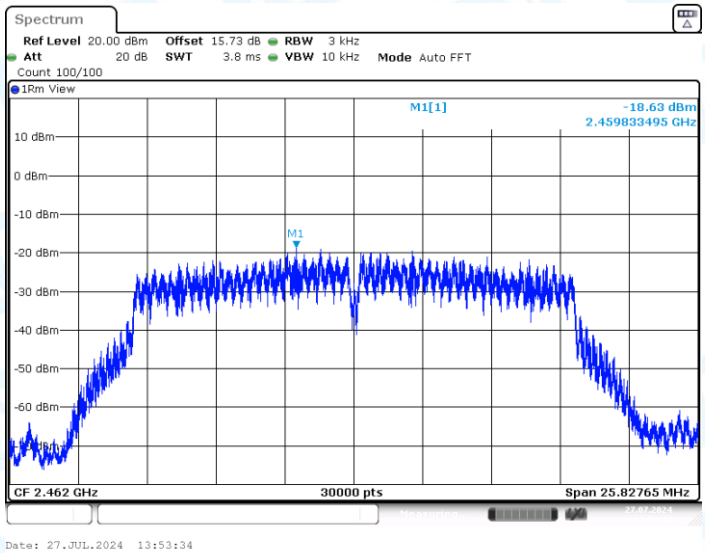
11G-CDD-Ant1-2437-PASS



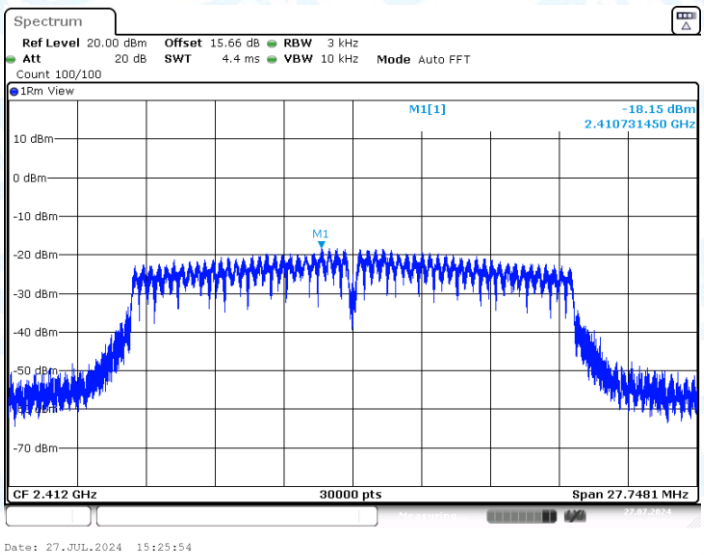
11G-CDD-Ant2-2437-PASS



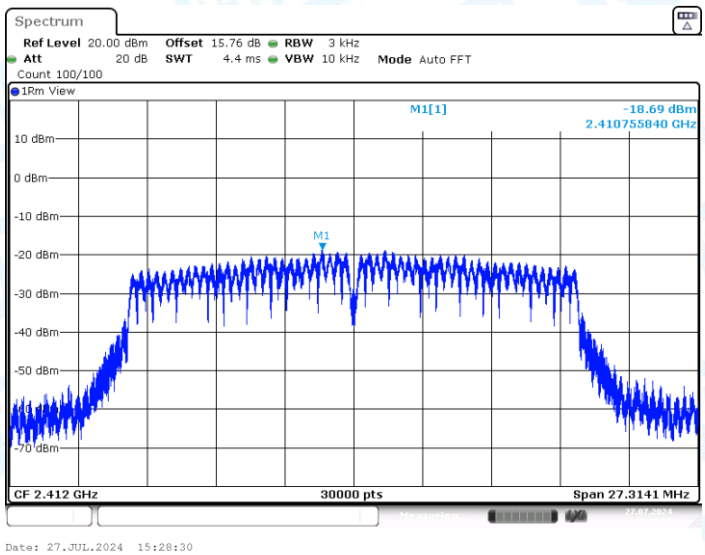
11G-CDD-Ant1-2462-PASS



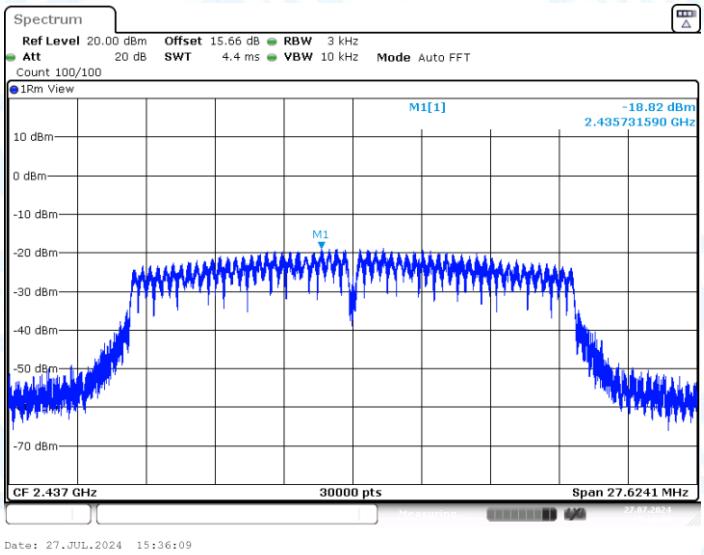
11G-CDD-Ant2-2462-PASS



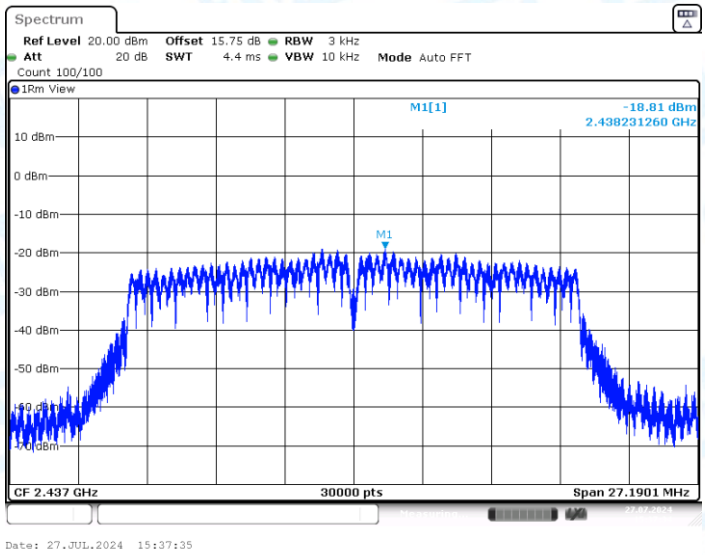
11N20-CDD-Ant1-2412-PASS



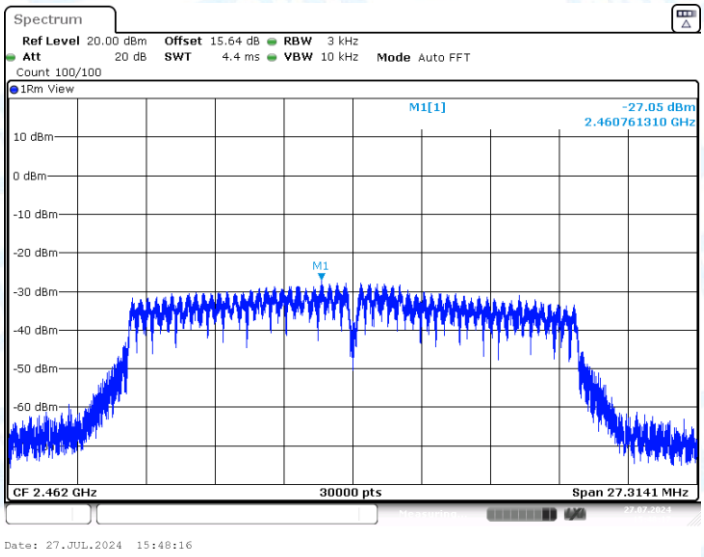
11N20-CDD-Ant2-2412-PASS



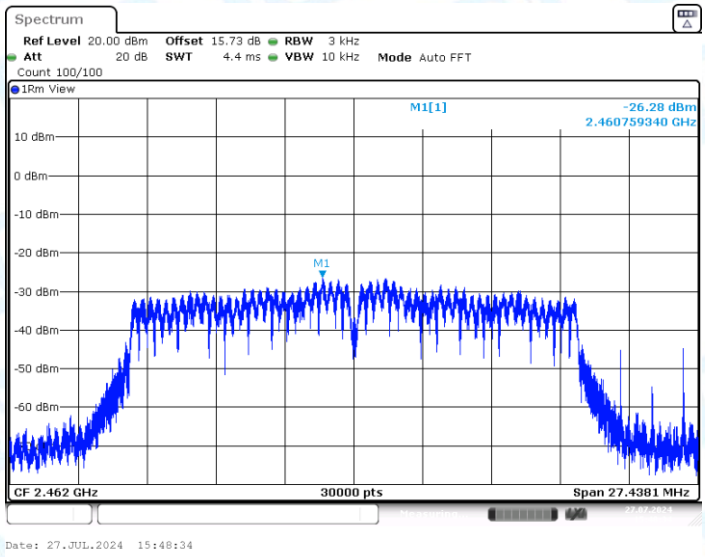
11N20-CDD-Ant1-2437-PASS



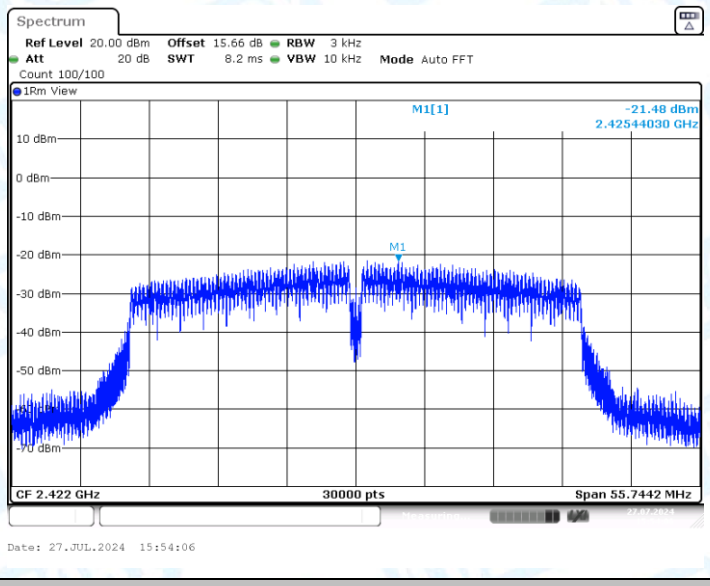
11N20-CDD-Ant2-2437-PASS



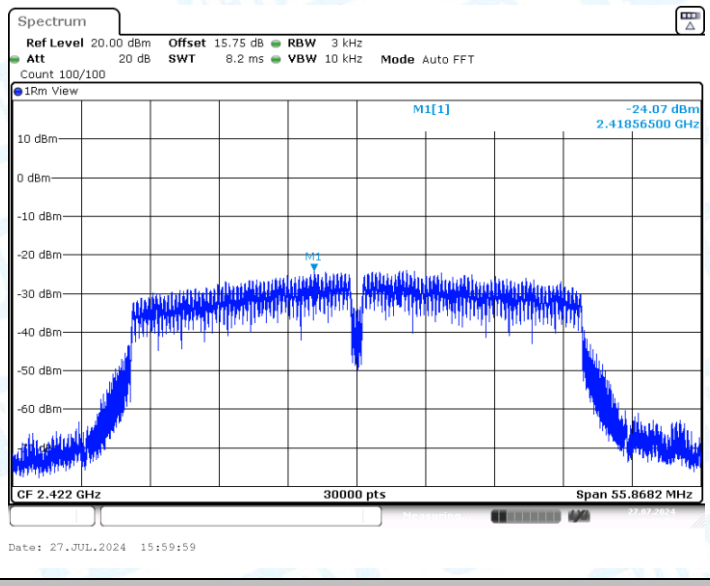
11N20-CDD-Ant1-2462-PASS



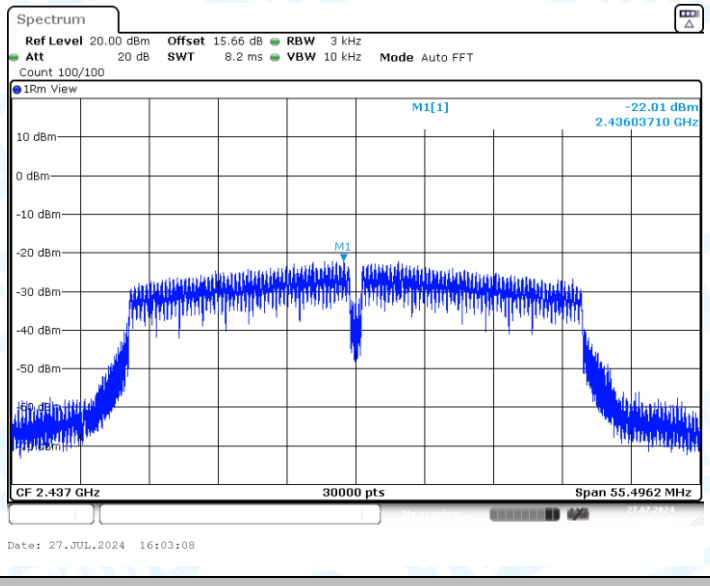
11N20-CDD-Ant2-2462-PASS



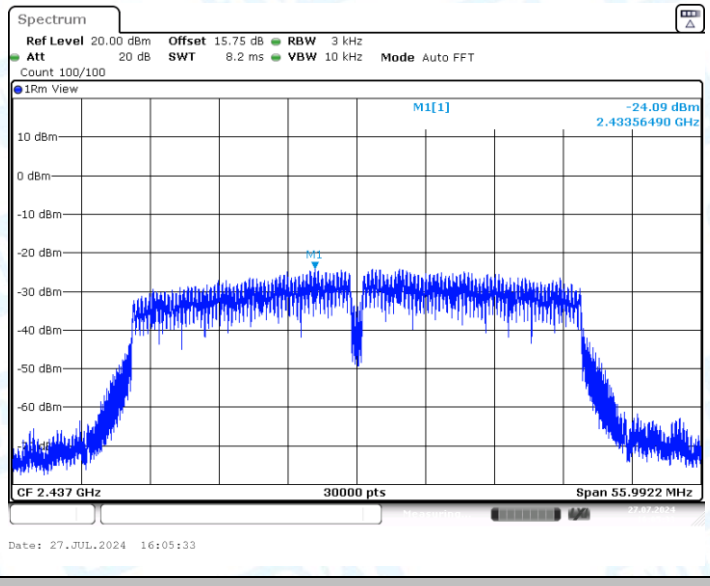
11N40-CDD-Ant1-2422-PASS



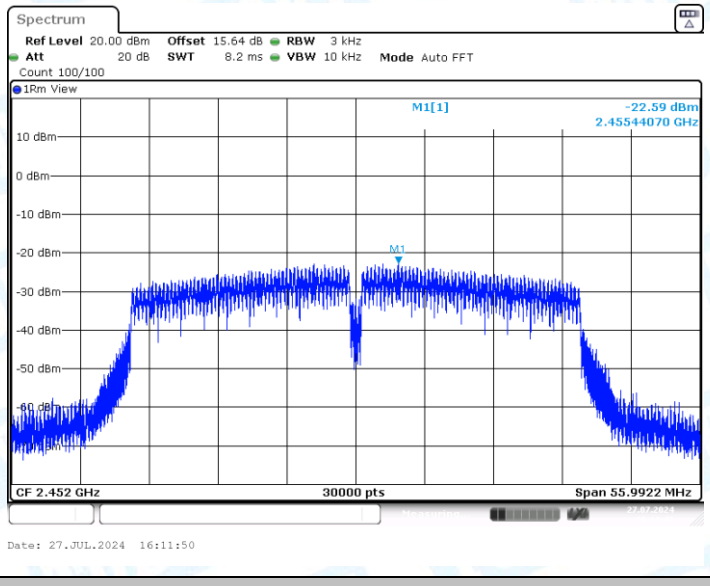
11N40-CDD-Ant2-2422-PASS



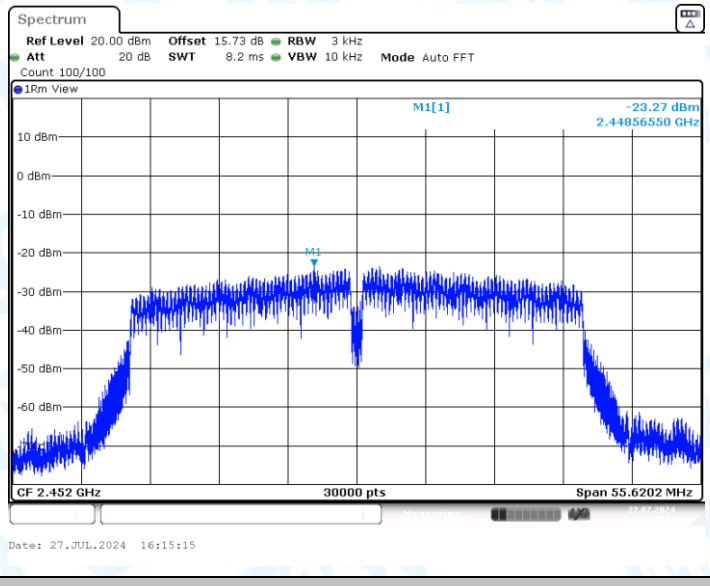
11N40-CDD-Ant1-2437-PASS



11N40-CDD-Ant2-2437-PASS



11N40-CDD-Ant1-2452-PASS



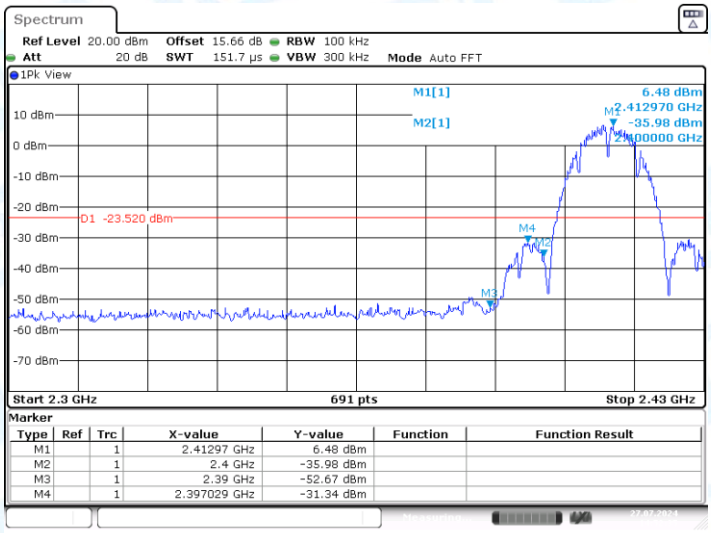
11N40-CDD-Ant2-2452-PASS

5: Band edge measurements

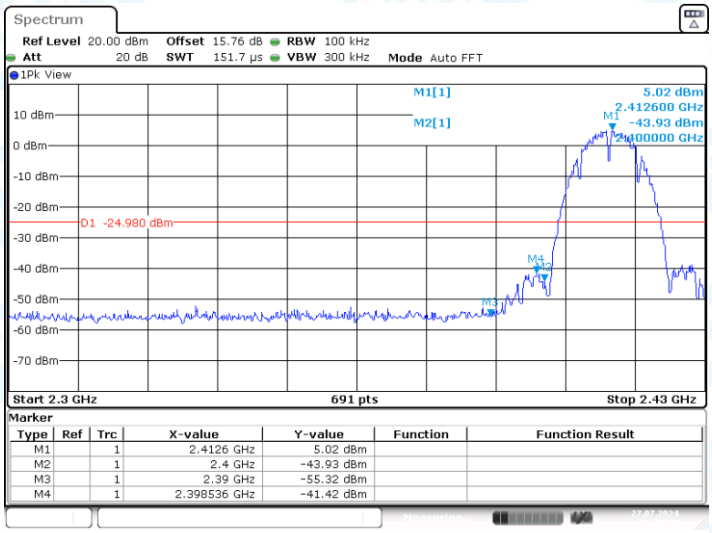
5.1 Test Result

TestMode	Ant.	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.48	-31.34	≤-23.52	PASS
11B	Ant2	Low	2412	5.02	-41.42	≤-24.98	PASS
11B	Ant1	High	2462	5.42	-50.31	≤-24.58	PASS
11B	Ant2	High	2462	5.07	-49.58	≤-24.93	PASS
11B-CDD	Ant1	Low	2412	3.86	-43.45	≤-26.14	PASS
11B-CDD	Ant2	Low	2412	3.80	-37.08	≤-26.2	PASS
11B-CDD	Ant1	High	2462	3.62	-50.27	≤-26.38	PASS
11B-CDD	Ant2	High	2462	4.77	-50.61	≤-25.23	PASS
11G	Ant1	Low	2412	4.54	-33.8	≤-25.46	PASS
11G	Ant2	Low	2412	3.35	-29.5	≤-26.65	PASS
11G	Ant1	High	2462	4.16	-43.61	≤-25.84	PASS
11G	Ant2	High	2462	3.51	-43.45	≤-26.49	PASS
11G-CDD	Ant1	Low	2412	1.10	-44.66	≤-28.9	PASS
11G-CDD	Ant2	Low	2412	1.86	-39.92	≤-28.14	PASS
11G-CDD	Ant1	High	2462	2.80	-46.04	≤-27.2	PASS
11G-CDD	Ant2	High	2462	2.50	-47.33	≤-27.5	PASS
11N20-CDD	Ant1	Low	2412	3.06	-29.2	≤-26.94	PASS
11N20-CDD	Ant2	Low	2412	2.01	-34.04	≤-27.99	PASS
11N20-CDD	Ant1	High	2462	1.21	-49.52	≤-28.79	PASS
11N20-CDD	Ant2	High	2462	0.53	-47.61	≤-29.47	PASS
11N40-CDD	Ant1	Low	2422	0.48	-33.48	≤-29.52	PASS
11N40-CDD	Ant2	Low	2422	-1.51	-44.36	≤-31.51	PASS
11N40-CDD	Ant1	High	2452	-0.44	-40.3	≤-30.44	PASS
11N40-CDD	Ant2	High	2452	-1.38	-46.46	≤-31.38	PASS

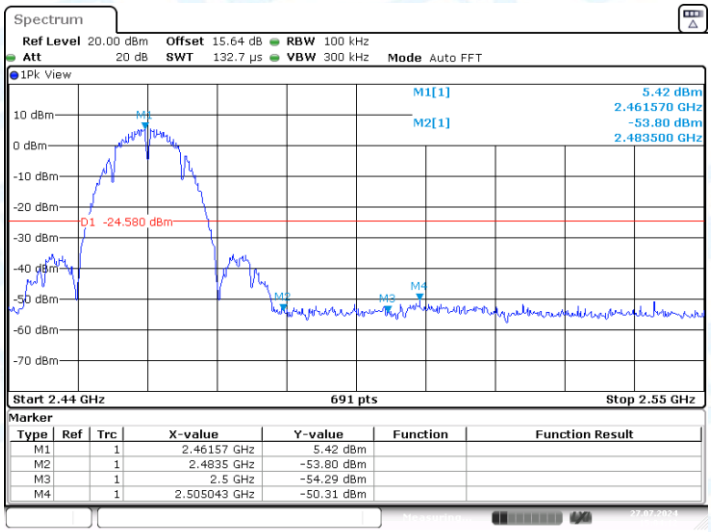
5.2 Test Graphs



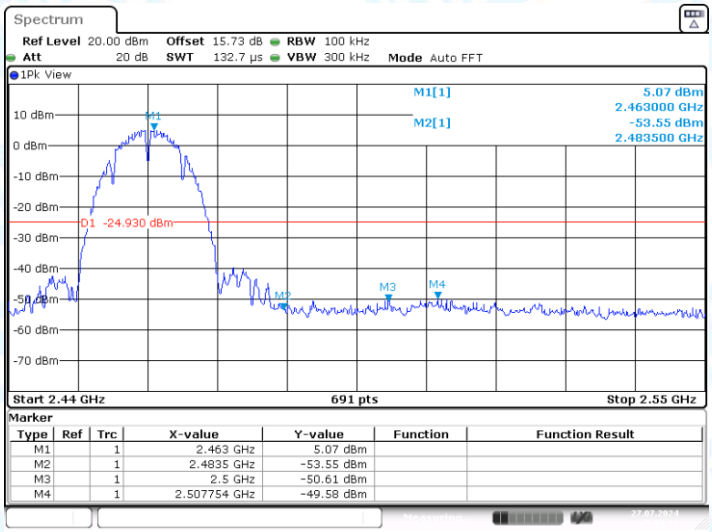
11B-Ant1-2412-PASS



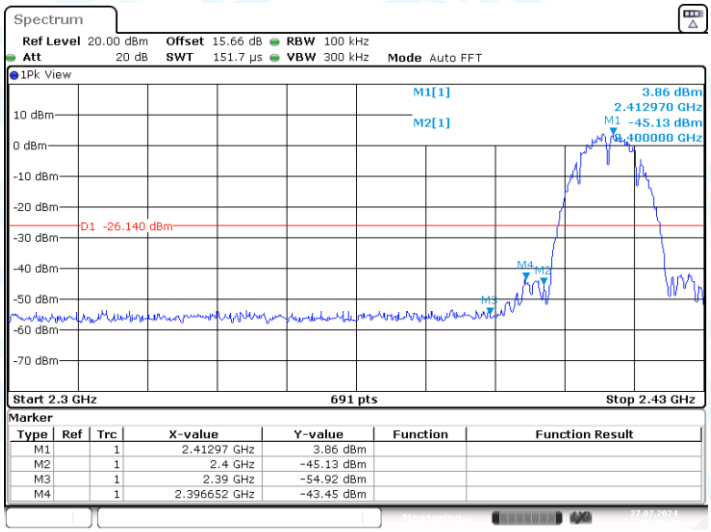
11B-Ant2-2412-PASS



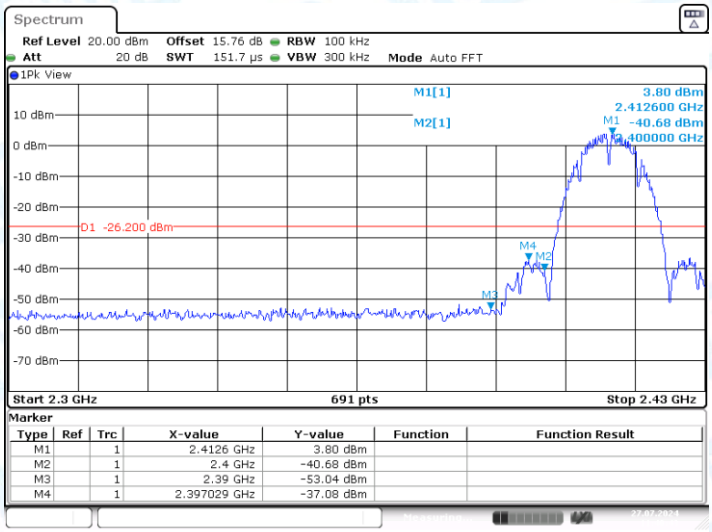
11B-Ant1-2462-PASS



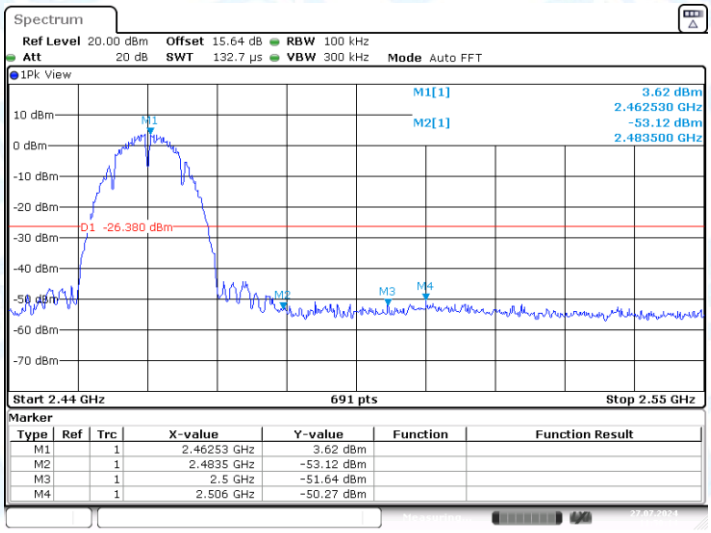
11B-Ant2-2462-PASS



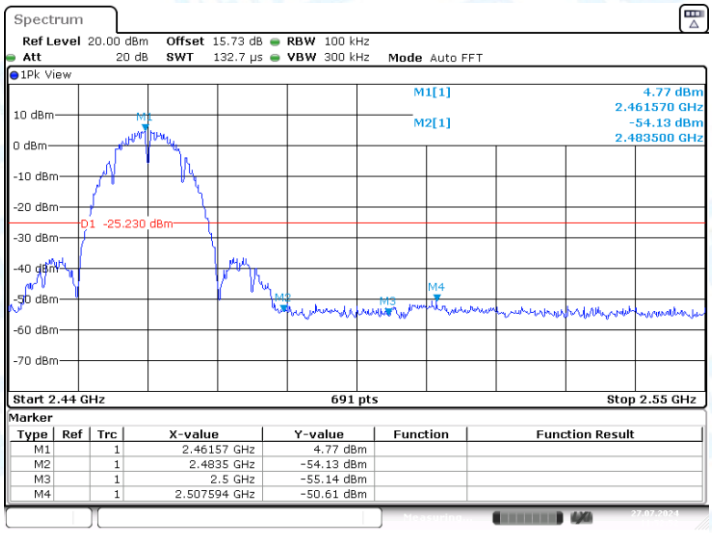
11B-CDD-Ant1-2412-PASS



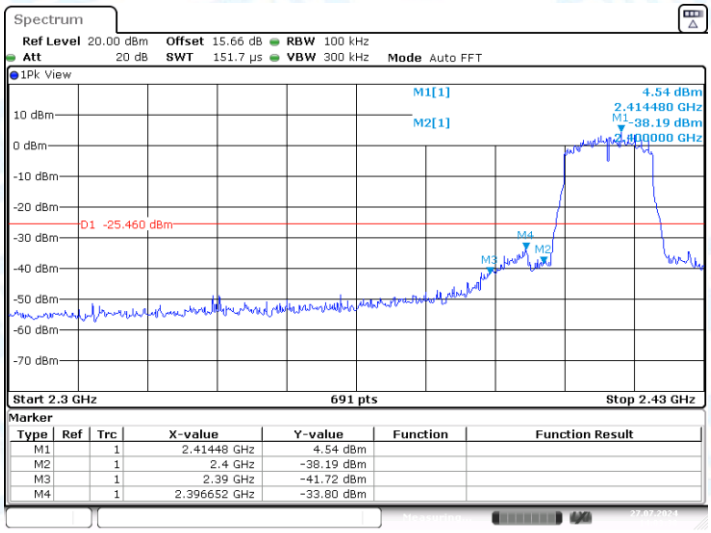
11B-CDD-Ant2-2412-PASS



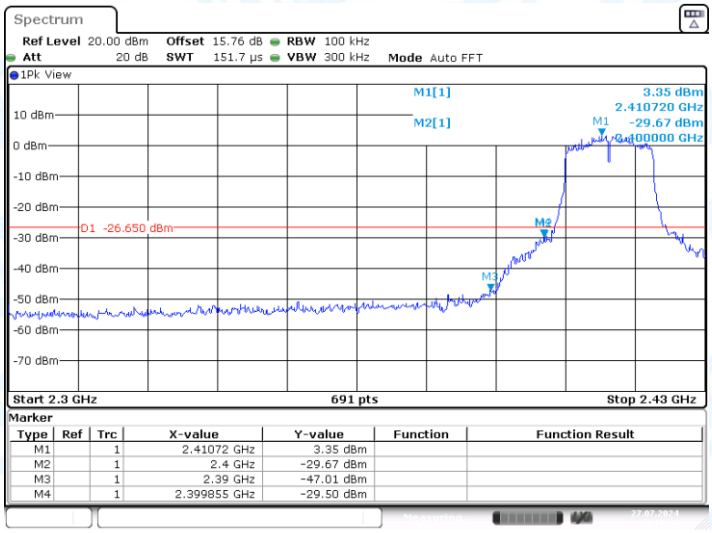
11B-CDD-Ant1-2462-PASS



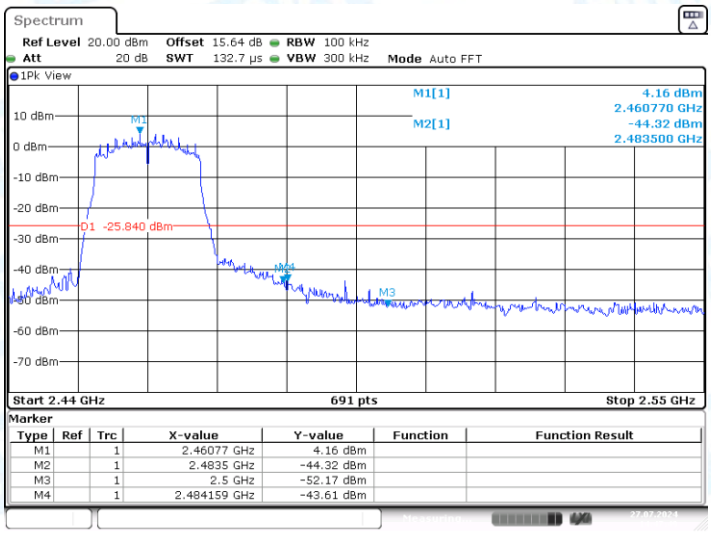
11B-CDD-Ant2-2462-PASS



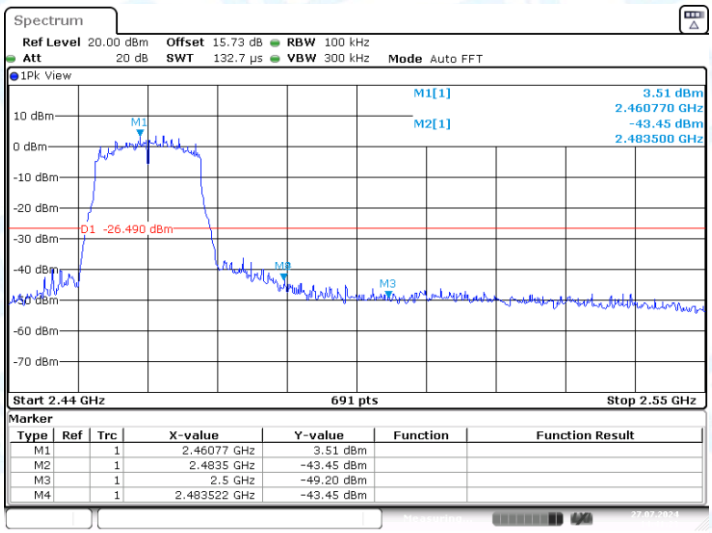
11G-Ant1-2412-PASS



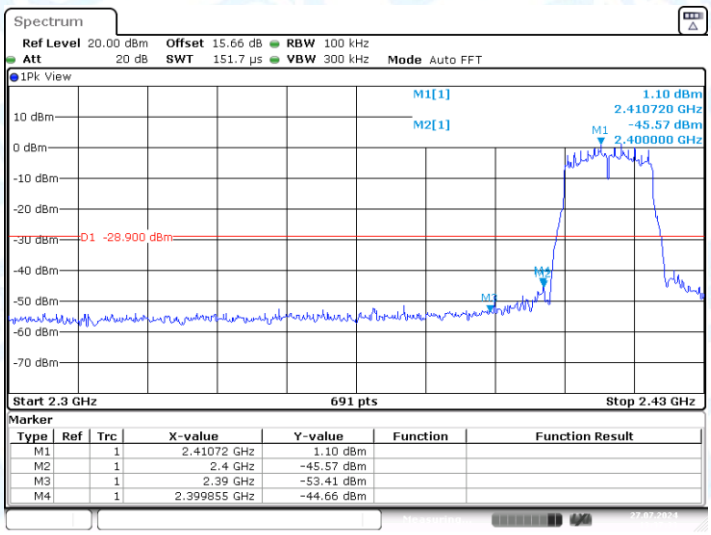
11G-Ant2-2412-PASS



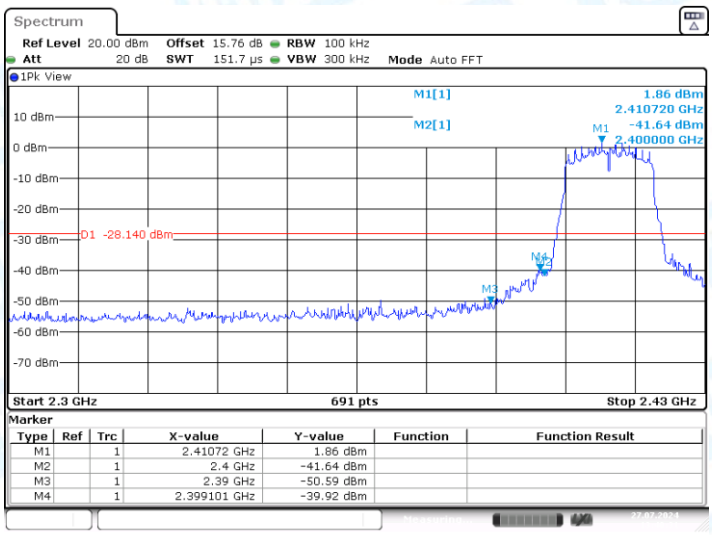
11G-Ant1-2462-PASS



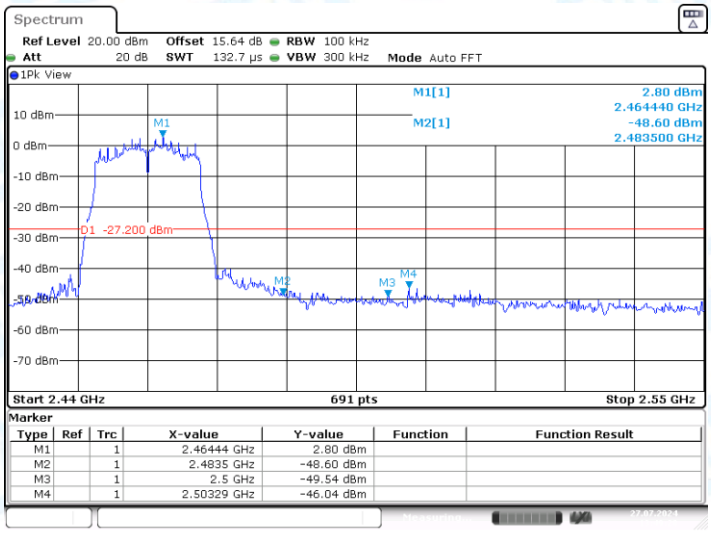
11G-Ant2-2462-PASS



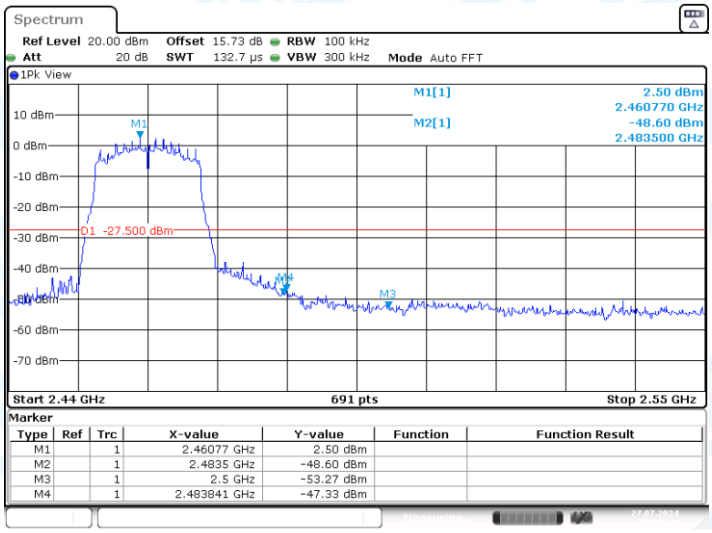
11G-CDD-Ant1-2412-PASS



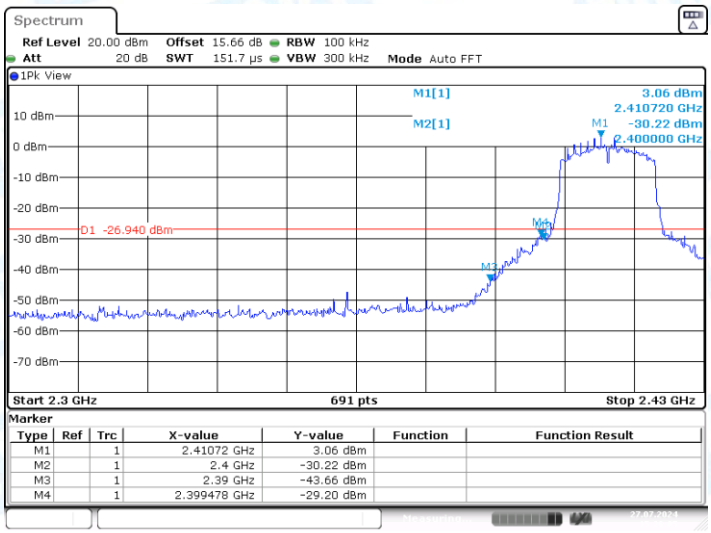
11G-CDD-Ant2-2412-PASS



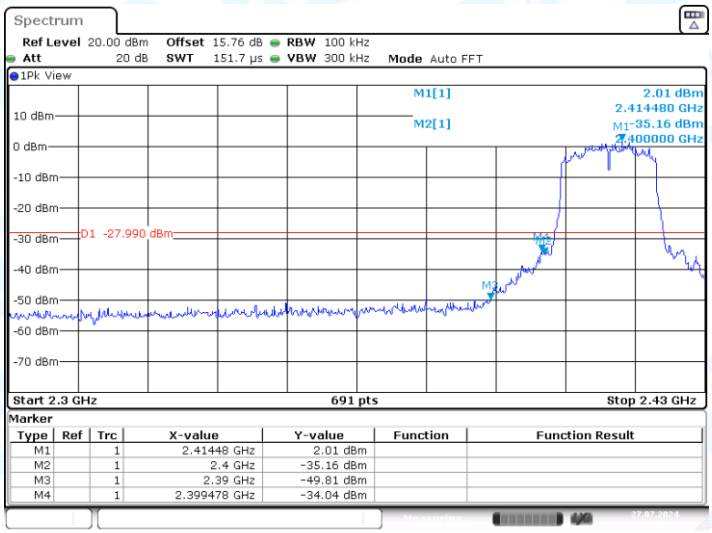
11G-CDD-Ant1-2462-PASS



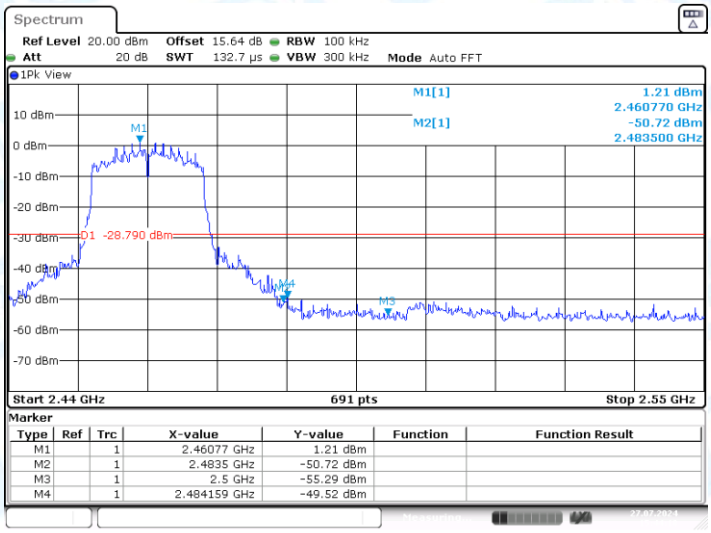
11G-CDD-Ant2-2462-PASS



11N20-CDD-Ant1-2412-PASS

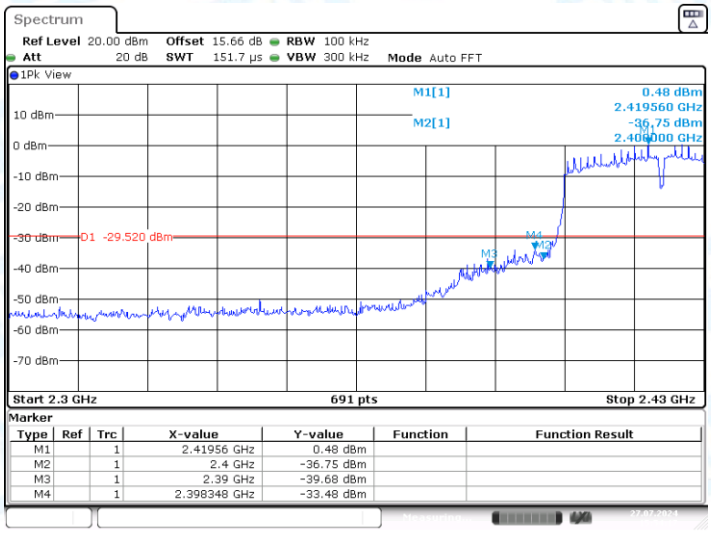


11N20-CDD-Ant2-2412-PASS

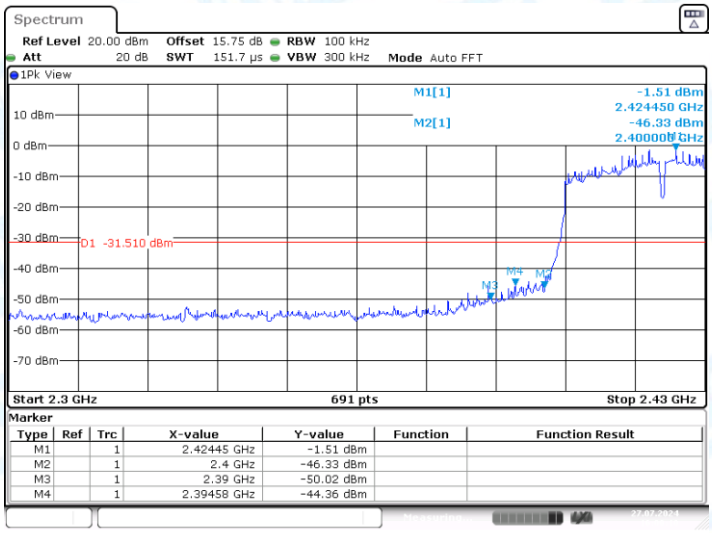


11N20-CDD-Ant1-2462-PASS

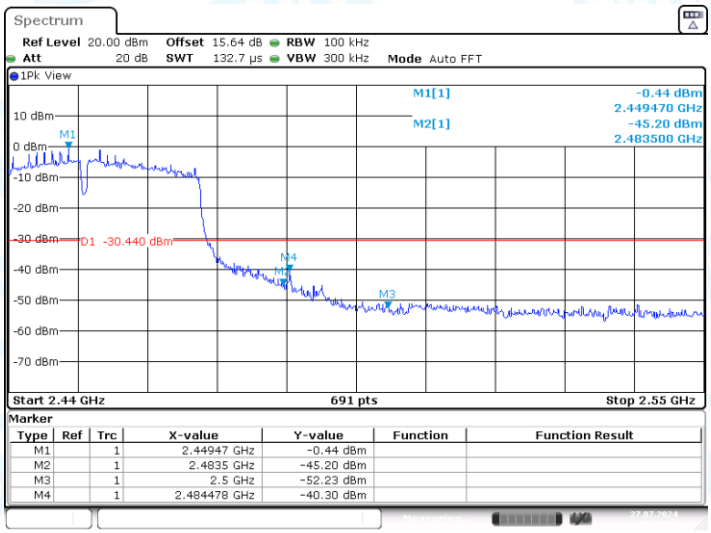
11N20-CDD-Ant2-2462-PASS



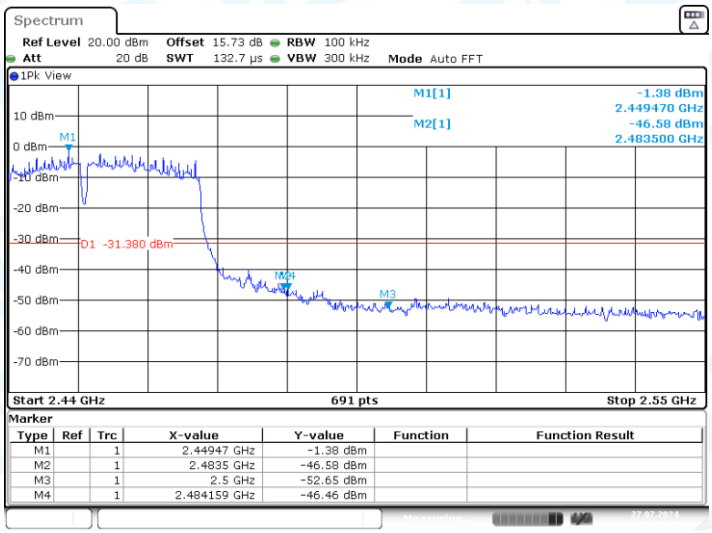
11N40-CDD-Ant1-2422-PASS



11N40-CDD-Ant2-2422-PASS



11N40-CDD-Ant1-2452-PASS



11N40-CDD-Ant2-2452-PASS

6: Conducted Spurious Emission

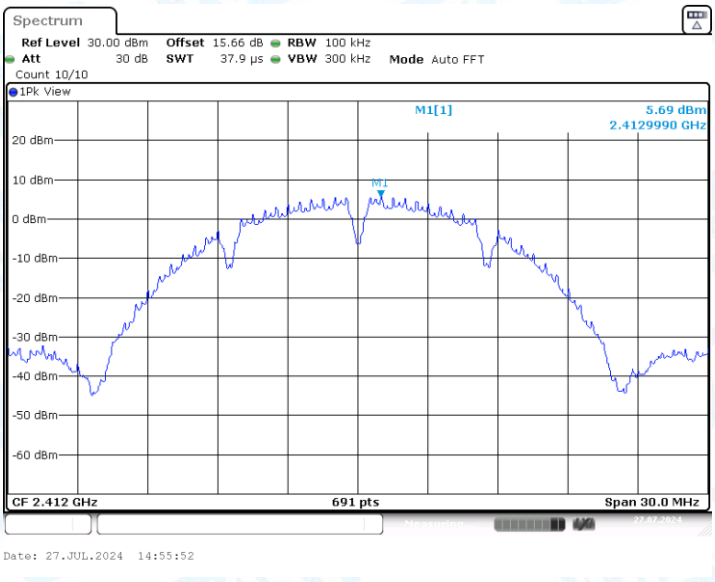
6.1 Test Result

TestMode	Ant.	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.69	5.69	---	PASS
11B	Ant1	2412	30~1000	5.69	-49.48	≤-24.31	PASS
11B	Ant1	2412	1000~26500	5.69	-34.04	≤-24.31	PASS
11B	Ant2	2412	0~Reference	4.97	4.97	---	PASS
11B	Ant2	2412	30~1000	4.97	-50.28	≤-25.03	PASS
11B	Ant2	2412	1000~26500	4.97	-45.15	≤-25.03	PASS
11B	Ant1	2437	0~Reference	5.73	5.73	---	PASS
11B	Ant1	2437	30~1000	5.73	-50.45	≤-24.27	PASS
11B	Ant1	2437	1000~26500	5.73	-33.26	≤-24.27	PASS
11B	Ant2	2437	0~Reference	5.51	5.51	---	PASS
11B	Ant2	2437	30~1000	5.51	-51.09	≤-24.49	PASS
11B	Ant2	2437	1000~26500	5.51	-45.57	≤-24.49	PASS
11B	Ant1	2462	0~Reference	5.51	5.51	---	PASS
11B	Ant1	2462	30~1000	5.51	-50.32	≤-24.49	PASS
11B	Ant1	2462	1000~26500	5.51	-33.71	≤-24.49	PASS
11B	Ant2	2462	0~Reference	5.38	5.38	---	PASS
11B	Ant2	2462	30~1000	5.38	-50.85	≤-24.62	PASS
11B	Ant2	2462	1000~26500	5.38	-45.86	≤-24.62	PASS
11B-CDD	Ant1	2412	0~Reference	3.96	3.96	---	PASS
11B-CDD	Ant1	2412	30~1000	3.96	-51.3	≤-26.04	PASS
11B-CDD	Ant1	2412	1000~26500	3.96	-46.02	≤-26.04	PASS
11B-CDD	Ant2	2412	0~Reference	3.89	3.89	---	PASS
11B-CDD	Ant2	2412	30~1000	3.89	-49.54	≤-26.11	PASS
11B-CDD	Ant2	2412	1000~26500	3.89	-37.19	≤-26.11	PASS
11B-CDD	Ant1	2437	0~Reference	3.25	3.25	---	PASS
11B-CDD	Ant1	2437	30~1000	3.25	-50.9	≤-26.75	PASS
11B-CDD	Ant1	2437	1000~26500	3.25	-45.51	≤-26.75	PASS
11B-CDD	Ant2	2437	0~Reference	4.79	4.79	---	PASS
11B-CDD	Ant2	2437	30~1000	4.79	-50.5	≤-25.21	PASS
11B-CDD	Ant2	2437	1000~26500	4.79	-34.87	≤-25.21	PASS
11B-CDD	Ant1	2462	0~Reference	3.63	3.63	---	PASS
11B-CDD	Ant1	2462	30~1000	3.63	-51.05	≤-26.37	PASS
11B-CDD	Ant1	2462	1000~26500	3.63	-45.58	≤-26.37	PASS
11B-CDD	Ant2	2462	0~Reference	4.75	4.75	---	PASS
11B-CDD	Ant2	2462	30~1000	4.75	-51.55	≤-25.25	PASS
11B-CDD	Ant2	2462	1000~26500	4.75	-34.91	≤-25.25	PASS
11G	Ant1	2412	0~Reference	5.06	5.06	---	PASS
11G	Ant1	2412	30~1000	5.06	-50.87	≤-24.94	PASS
11G	Ant1	2412	1000~26500	5.06	-41.43	≤-24.94	PASS
11G	Ant2	2412	0~Reference	5.02	5.02	---	PASS

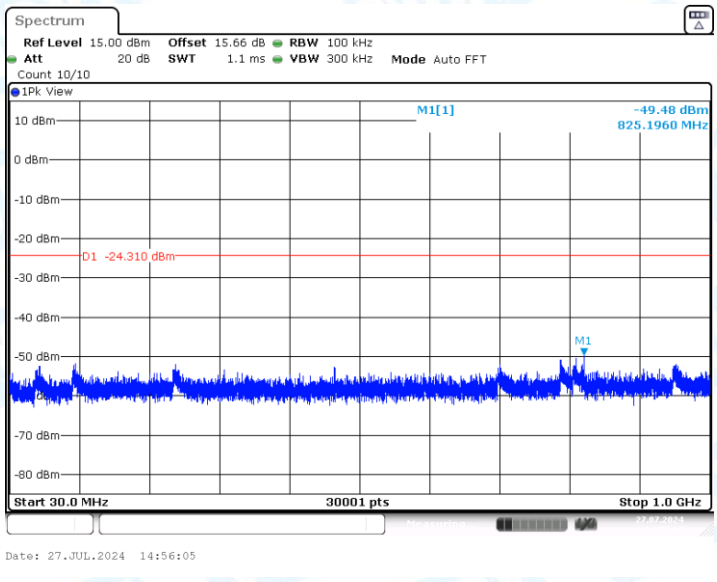
11G	Ant2	2412	30~1000	5.02	-50.45	≤-24.98	PASS
11G	Ant2	2412	1000~26500	5.02	-45.29	≤-24.98	PASS
11G	Ant1	2437	0~Reference	5.14	5.14	---	PASS
11G	Ant1	2437	30~1000	5.14	-50.59	≤-24.86	PASS
11G	Ant1	2437	1000~26500	5.14	-40.04	≤-24.86	PASS
11G	Ant2	2437	0~Reference	4.55	4.55	---	PASS
11G	Ant2	2437	30~1000	4.55	-50.25	≤-25.45	PASS
11G	Ant2	2437	1000~26500	4.55	-45.66	≤-25.45	PASS
11G	Ant1	2462	0~Reference	4.64	4.64	---	PASS
11G	Ant1	2462	30~1000	4.64	-50.4	≤-25.36	PASS
11G	Ant1	2462	1000~26500	4.64	-44.59	≤-25.36	PASS
11G	Ant2	2462	0~Reference	4.72	4.72	---	PASS
11G	Ant2	2462	30~1000	4.72	-51.23	≤-25.28	PASS
11G	Ant2	2462	1000~26500	4.72	-45.3	≤-25.28	PASS
11G-CDD	Ant1	2412	0~Reference	1.54	1.54	---	PASS
11G-CDD	Ant1	2412	30~1000	1.54	-50.6	≤-28.46	PASS
11G-CDD	Ant1	2412	1000~26500	1.54	-45.73	≤-28.46	PASS
11G-CDD	Ant2	2412	0~Reference	2.27	2.27	---	PASS
11G-CDD	Ant2	2412	30~1000	2.27	-51.29	≤-27.73	PASS
11G-CDD	Ant2	2412	1000~26500	2.27	-45.32	≤-27.73	PASS
11G-CDD	Ant1	2437	0~Reference	2.04	2.04	---	PASS
11G-CDD	Ant1	2437	30~1000	2.04	-50.23	≤-27.96	PASS
11G-CDD	Ant1	2437	1000~26500	2.04	-45.33	≤-27.96	PASS
11G-CDD	Ant2	2437	0~Reference	2.93	2.93	---	PASS
11G-CDD	Ant2	2437	30~1000	2.93	-51.37	≤-27.07	PASS
11G-CDD	Ant2	2437	1000~26500	2.93	-45.44	≤-27.07	PASS
11G-CDD	Ant1	2462	0~Reference	3.15	3.15	---	PASS
11G-CDD	Ant1	2462	30~1000	3.15	-50.66	≤-26.85	PASS
11G-CDD	Ant1	2462	1000~26500	3.15	-45.73	≤-26.85	PASS
11G-CDD	Ant2	2462	0~Reference	2.59	2.59	---	PASS
11G-CDD	Ant2	2462	30~1000	2.59	-48.6	≤-27.41	PASS
11G-CDD	Ant2	2462	1000~26500	2.59	-45.25	≤-27.41	PASS
11N20-CDD	Ant1	2412	0~Reference	4.20	4.20	---	PASS
11N20-CDD	Ant1	2412	30~1000	4.20	-50.77	≤-25.8	PASS
11N20-CDD	Ant1	2412	1000~26500	4.20	-45.26	≤-25.8	PASS
11N20-CDD	Ant2	2412	0~Reference	3.02	3.02	---	PASS
11N20-CDD	Ant2	2412	30~1000	3.02	-50.65	≤-26.98	PASS
11N20-CDD	Ant2	2412	1000~26500	3.02	-45.34	≤-26.98	PASS
11N20-CDD	Ant1	2437	0~Reference	3.82	3.82	---	PASS
11N20-CDD	Ant1	2437	30~1000	3.82	-50.72	≤-26.18	PASS
11N20-CDD	Ant1	2437	1000~26500	3.82	-44.89	≤-26.18	PASS
11N20-CDD	Ant2	2437	0~Reference	2.68	2.68	---	PASS
11N20-CDD	Ant2	2437	30~1000	2.68	-50.74	≤-27.32	PASS
11N20-CDD	Ant2	2437	1000~26500	2.68	-45.34	≤-27.32	PASS
11N20-CDD	Ant1	2462	0~Reference	-0.57	-0.57	---	PASS

11N20-CDD	Ant1	2462	30~1000	-0.57	-51.55	≤-30.57	PASS
11N20-CDD	Ant1	2462	1000~26500	-0.57	-45.62	≤-30.57	PASS
11N20-CDD	Ant2	2462	0~Reference	-0.27	-0.27	---	PASS
11N20-CDD	Ant2	2462	30~1000	-0.27	-50.71	≤-30.27	PASS
11N20-CDD	Ant2	2462	1000~26500	-0.27	-45.4	≤-30.27	PASS
11N40-CDD	Ant1	2422	0~Reference	0.56	0.56	---	PASS
11N40-CDD	Ant1	2422	30~1000	0.56	-48.99	≤-29.44	PASS
11N40-CDD	Ant1	2422	1000~26500	0.56	-45.61	≤-29.44	PASS
11N40-CDD	Ant2	2422	0~Reference	-1.23	-1.23	---	PASS
11N40-CDD	Ant2	2422	30~1000	-1.23	-49.89	≤-31.23	PASS
11N40-CDD	Ant2	2422	1000~26500	-1.23	-45.62	≤-31.23	PASS
11N40-CDD	Ant1	2437	0~Reference	-1.21	-1.21	---	PASS
11N40-CDD	Ant1	2437	30~1000	-1.21	-51.55	≤-31.21	PASS
11N40-CDD	Ant1	2437	1000~26500	-1.21	-45.67	≤-31.21	PASS
11N40-CDD	Ant2	2437	0~Reference	-1.42	-1.42	---	PASS
11N40-CDD	Ant2	2437	30~1000	-1.42	-49.89	≤-31.42	PASS
11N40-CDD	Ant2	2437	1000~26500	-1.42	-44.8	≤-31.42	PASS
11N40-CDD	Ant1	2452	0~Reference	-0.55	-0.55	---	PASS
11N40-CDD	Ant1	2452	30~1000	-0.55	-50.94	≤-30.55	PASS
11N40-CDD	Ant1	2452	1000~26500	-0.55	-45.9	≤-30.55	PASS
11N40-CDD	Ant2	2452	0~Reference	-1.27	-1.27	---	PASS
11N40-CDD	Ant2	2452	30~1000	-1.27	-51.08	≤-31.27	PASS
11N40-CDD	Ant2	2452	1000~26500	-1.27	-45.77	≤-31.27	PASS

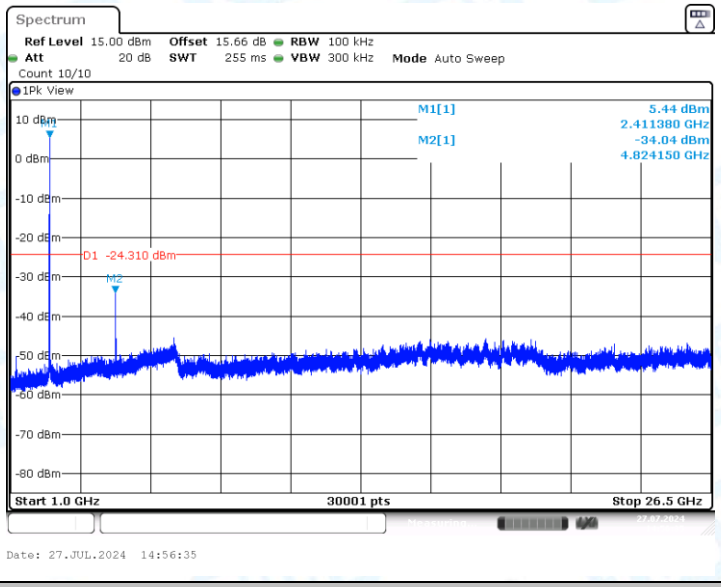
6.2 Test Graphs



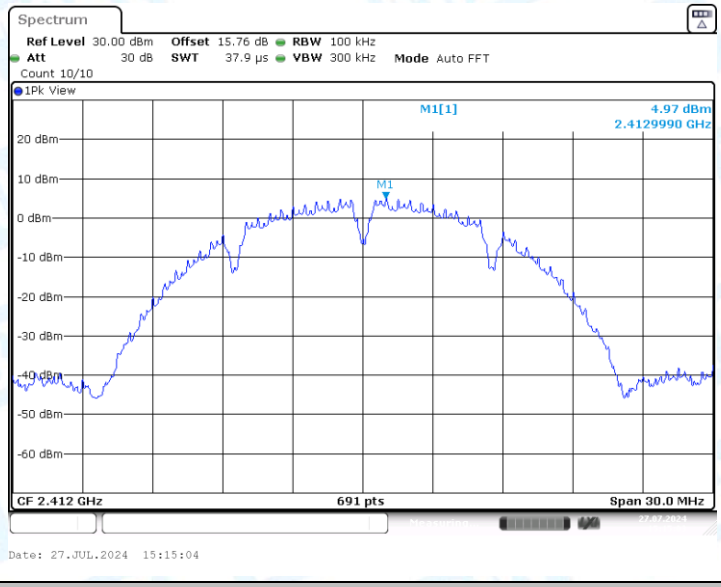
11B-Ant1-2412-0~Reference-PASS



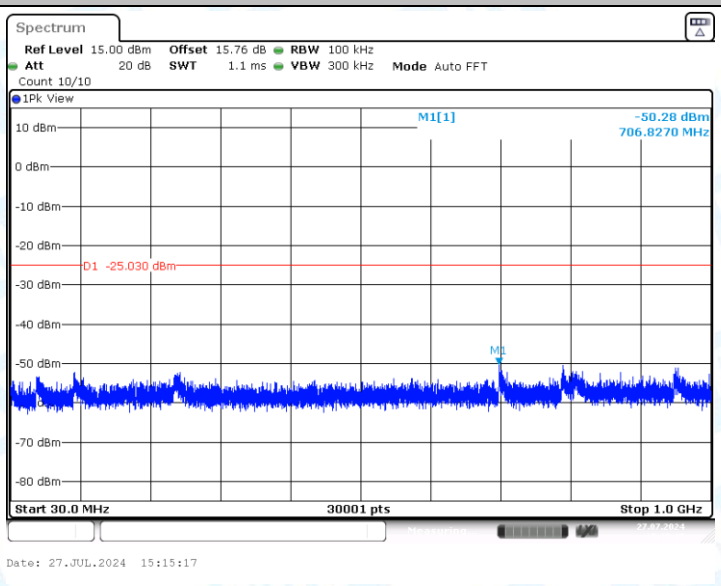
11B-Ant1-2412-30~1000-PASS



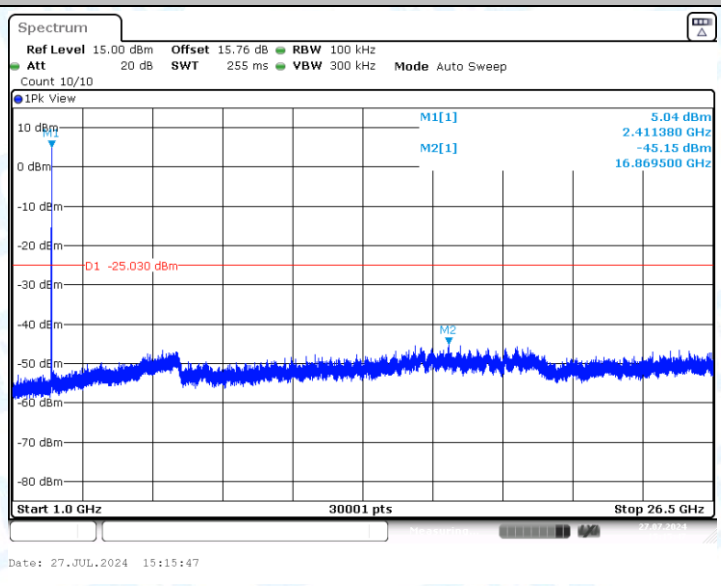
11B-Ant1-2412-1000~26500-PASS



11B-Ant2-2412-0~Reference-PASS



11B-Ant2-2412-30~1000-PASS



11B-Ant2-2412-1000~26500-PASS