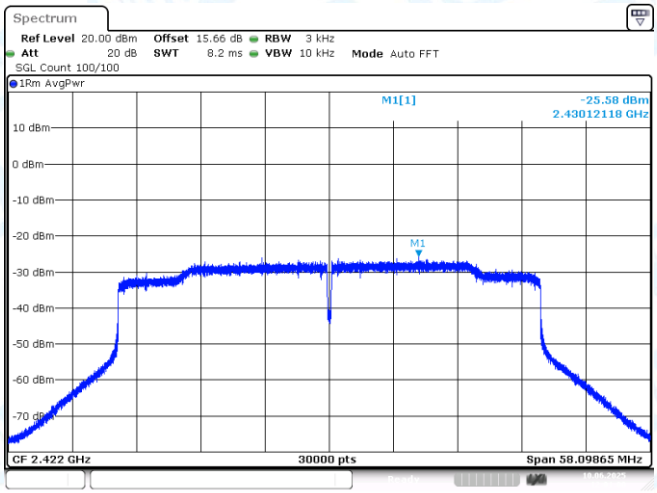
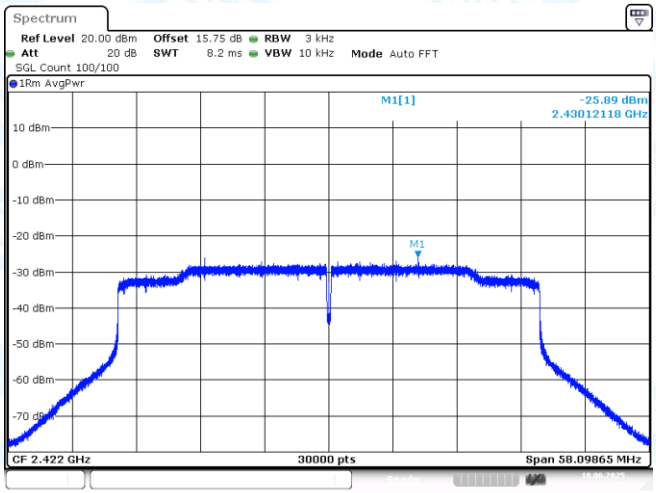
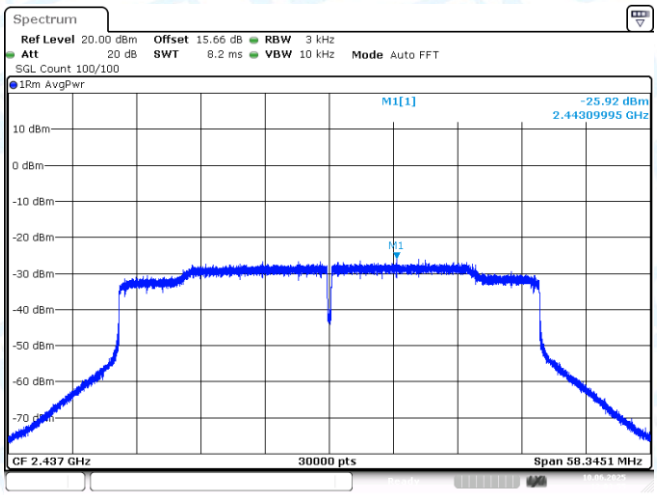


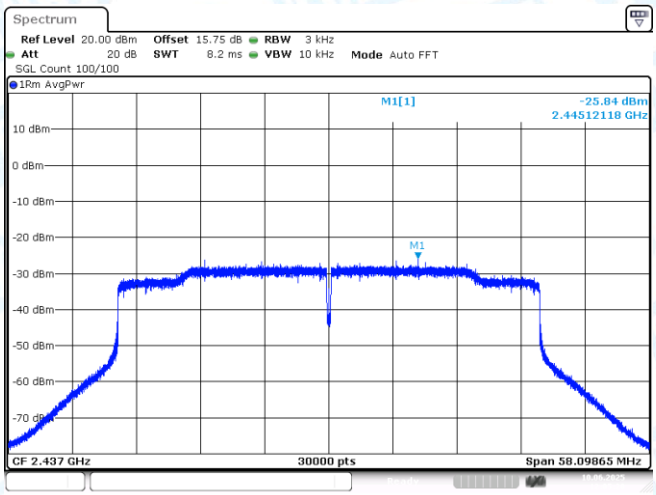
11AX40MIMO-Ant1-2422-PASS



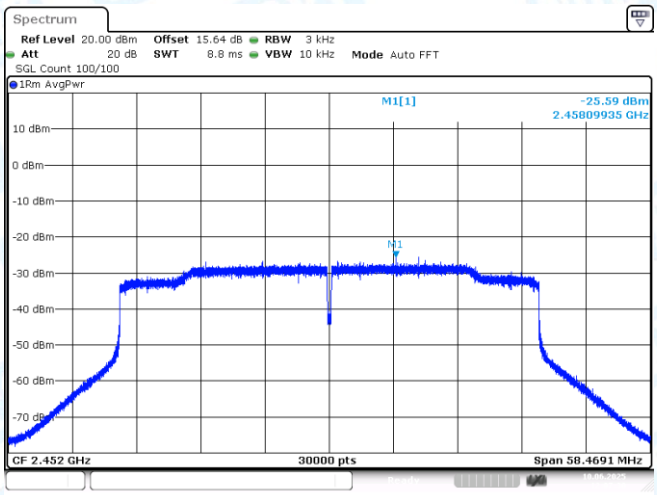
11AX40MIMO-Ant2-2422-PASS



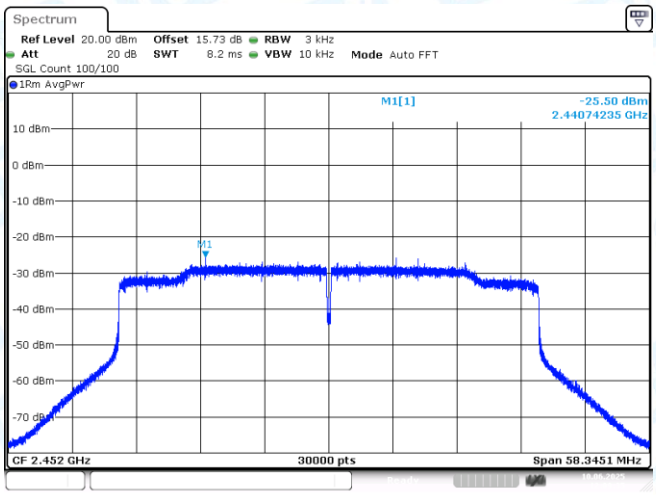
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



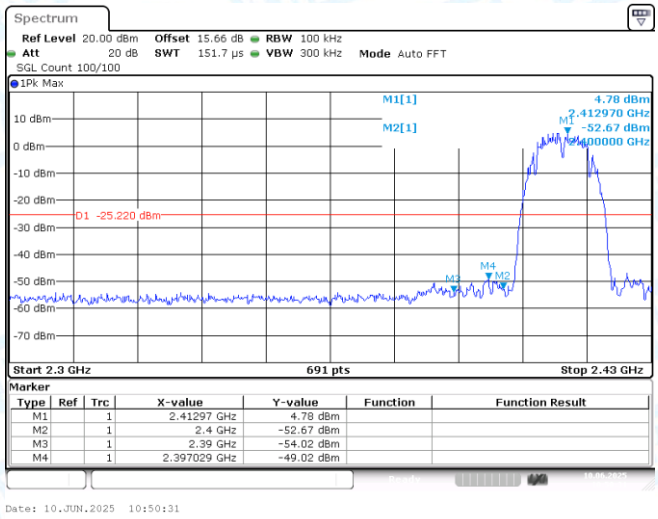
11AX40MIMO-Ant2-2452-PASS

5: Band edge measurements

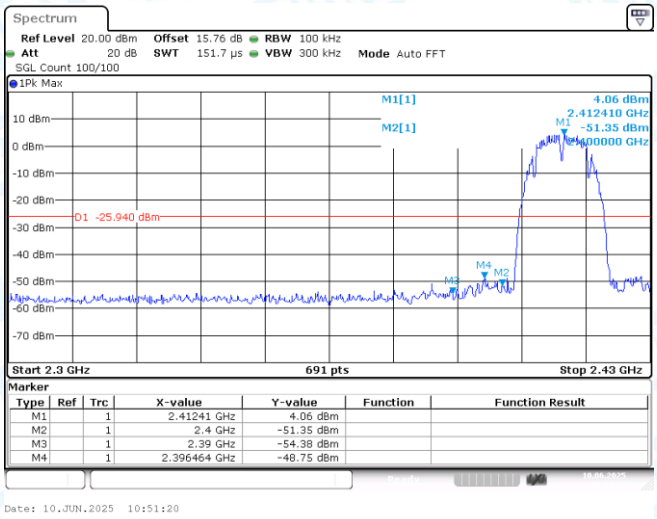
5.1 Test Result

TestMode	Ant.	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	4.78	-49.02	≤-25.22	PASS
11B-CDD	Ant2	Low	2412	4.06	-48.75	≤-25.94	PASS
11B-CDD	Ant1	High	2462	4.48	-51.19	≤-25.52	PASS
11B-CDD	Ant2	High	2462	5.21	-50.89	≤-24.79	PASS
11G-CDD	Ant1	Low	2412	3.76	-28.4	≤-26.24	PASS
11G-CDD	Ant2	Low	2412	3.12	-27.96	≤-26.88	PASS
11G-CDD	Ant1	High	2462	4.70	-51.3	≤-25.3	PASS
11G-CDD	Ant2	High	2462	4.71	-51.91	≤-25.29	PASS
11N20MIMO	Ant1	Low	2412	3.76	-28.4	≤-26.24	PASS
11N20MIMO	Ant2	Low	2412	3.35	-28.78	≤-26.65	PASS
11N20MIMO	Ant1	High	2462	2.51	-52.67	≤-27.49	PASS
11N20MIMO	Ant2	High	2462	2.61	-52.01	≤-27.39	PASS
11N40MIMO	Ant1	Low	2422	0.23	-34.27	≤-29.77	PASS
11N40MIMO	Ant2	Low	2422	-0.16	-34.38	≤-30.16	PASS
11N40MIMO	Ant1	High	2452	-0.23	-47.28	≤-30.23	PASS
11N40MIMO	Ant2	High	2452	-0.19	-48.97	≤-30.19	PASS
11AX20MIMO	Ant1	Low	2412	-0.15	-30.16	≤-30.15	PASS
11AX20MIMO	Ant2	Low	2412	-1.31	-32.13	≤-31.31	PASS
11AX20MIMO	Ant1	High	2462	0.73	-52.57	≤-29.27	PASS
11AX20MIMO	Ant2	High	2462	-1.20	-51.94	≤-31.2	PASS
11AX40MIMO	Ant1	Low	2422	-2.19	-36.32	≤-32.19	PASS
11AX40MIMO	Ant2	Low	2422	-3.61	-37.18	≤-33.61	PASS
11AX40MIMO	Ant1	High	2452	-5.83	-51.38	≤-35.83	PASS
11AX40MIMO	Ant2	High	2452	-2.88	-53.26	≤-32.88	PASS

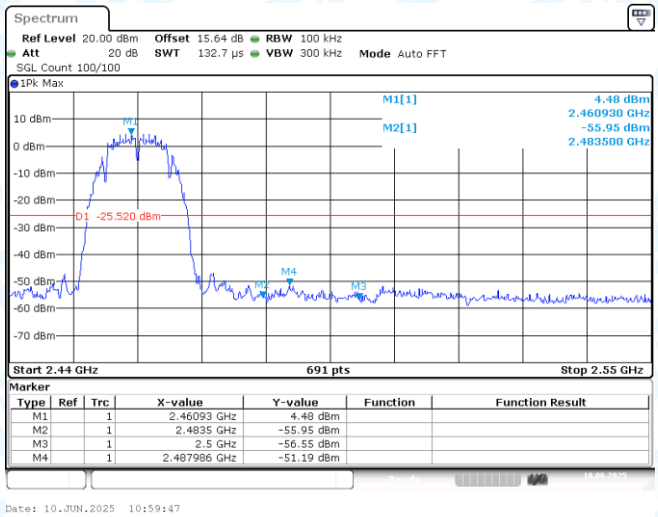
5.2 Test Graphs



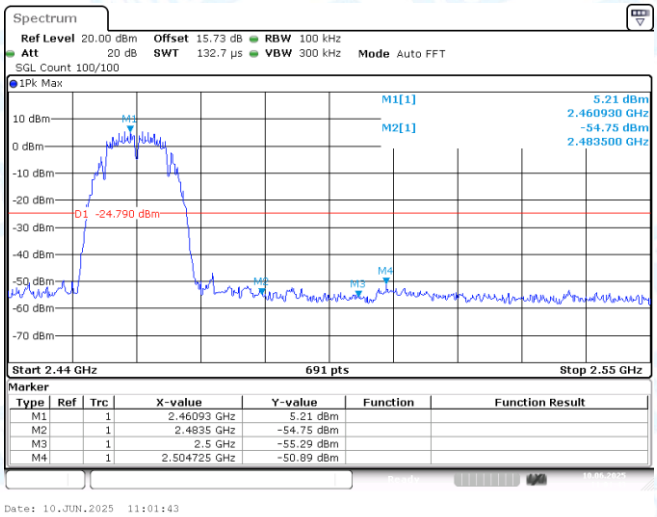
11B-CDD-Ant1-2412-PASS



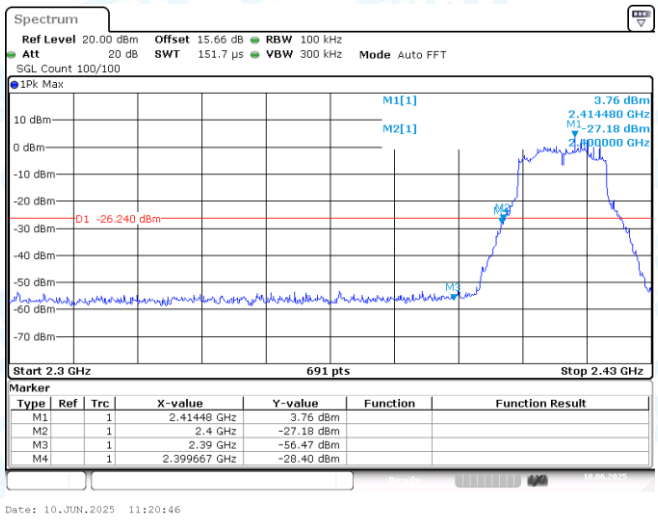
11B-CDD-Ant2-2412-PASS



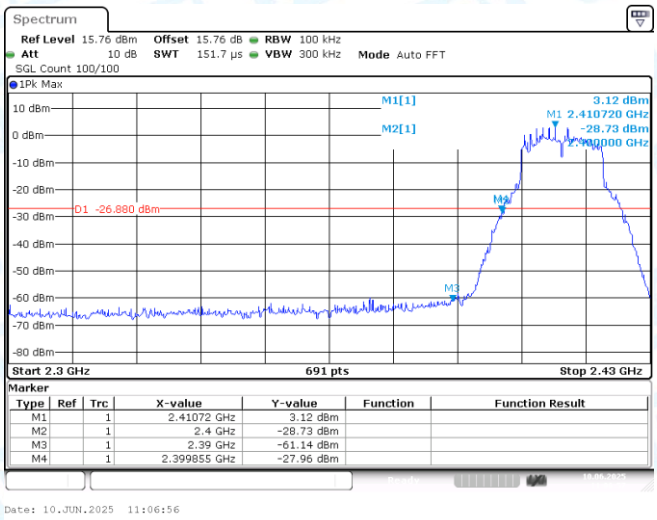
11B-CDD-Ant1-2462-PASS



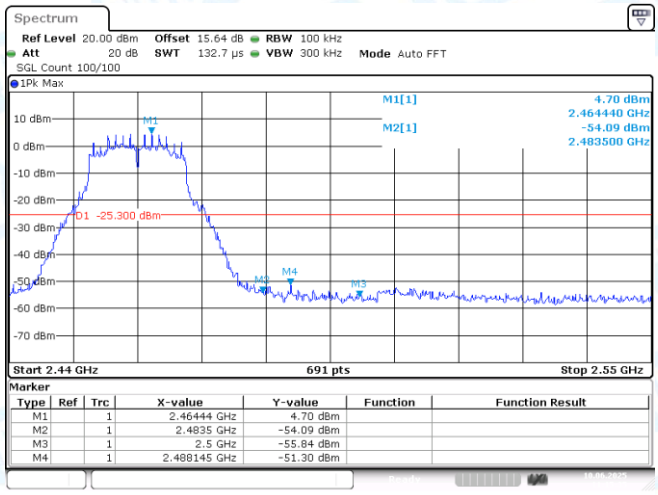
11B-CDD-Ant2-2462-PASS



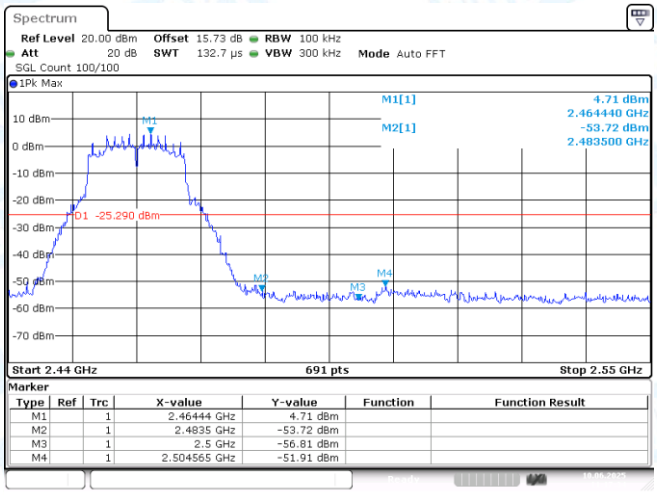
11G-CDD-Ant1-2412-PASS



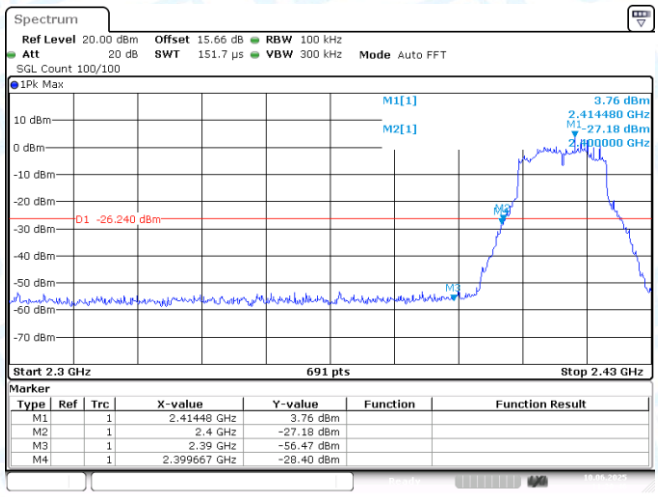
11G-CDD-Ant2-2412-PASS



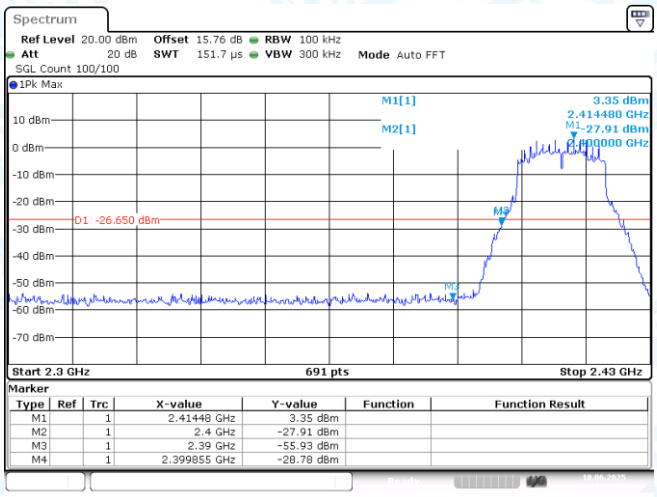
11G-CDD-Ant1-2462-PASS



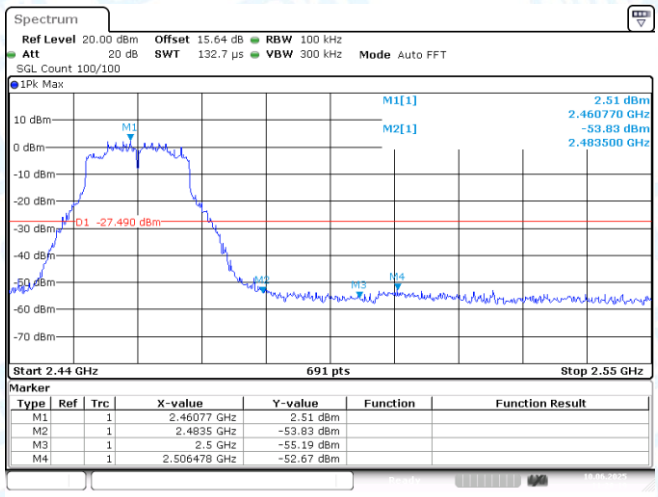
11G-CDD-Ant2-2462-PASS



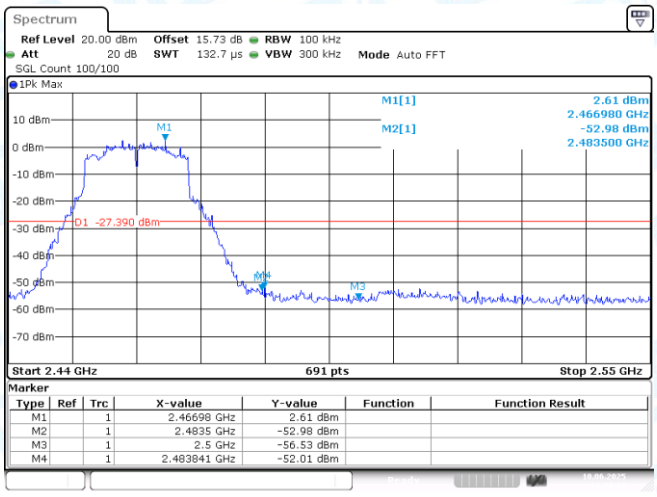
11N20MIMO-Ant1-2412-PASS



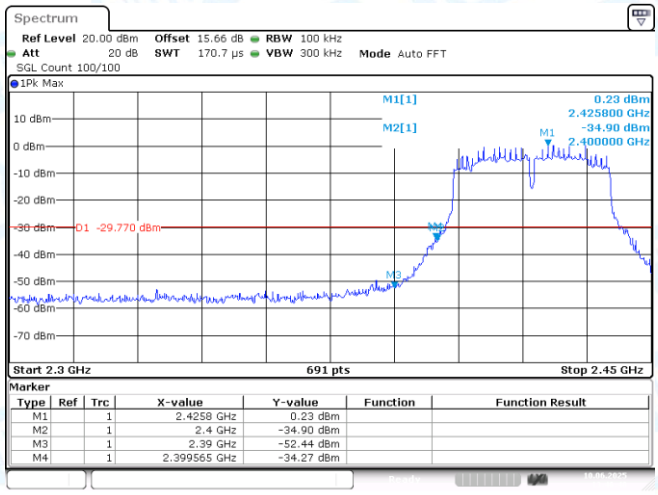
11N20MIMO-Ant2-2412-PASS



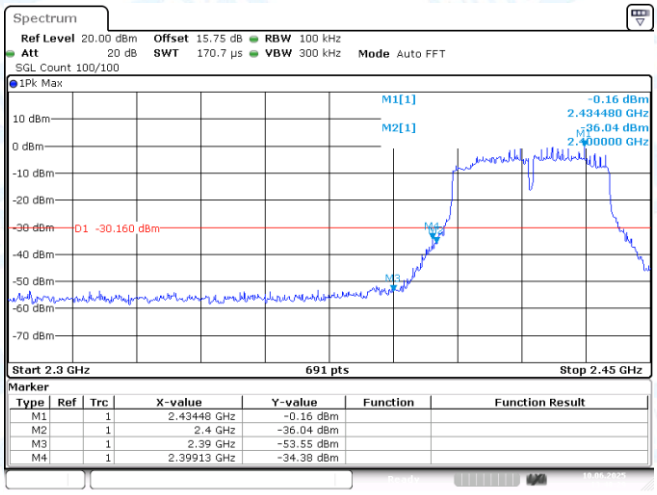
11N20MIMO-Ant1-2462-PASS



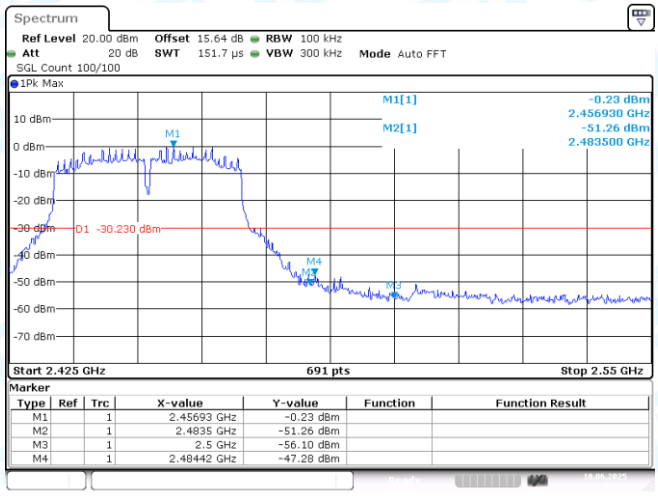
11N20MIMO-Ant2-2462-PASS



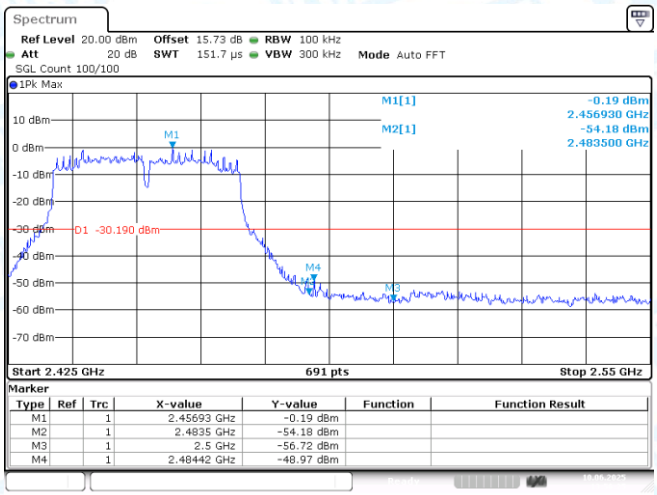
11N40MIMO-Ant1-2422-PASS



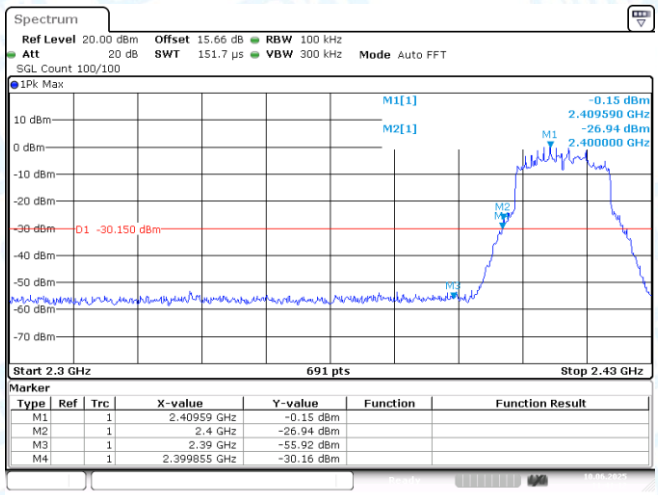
11N40MIMO-Ant2-2422-PASS



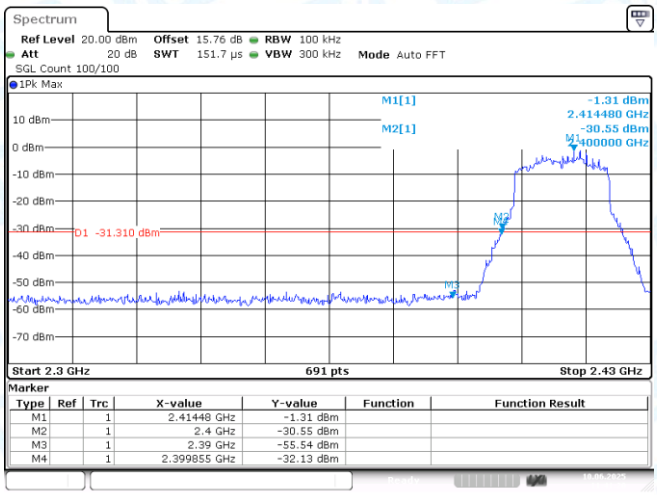
11N40MIMO-Ant1-2452-PASS



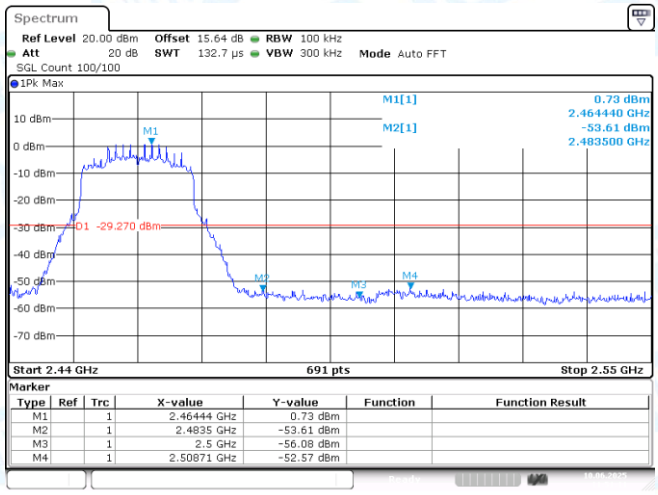
11N40MIMO-Ant2-2452-PASS



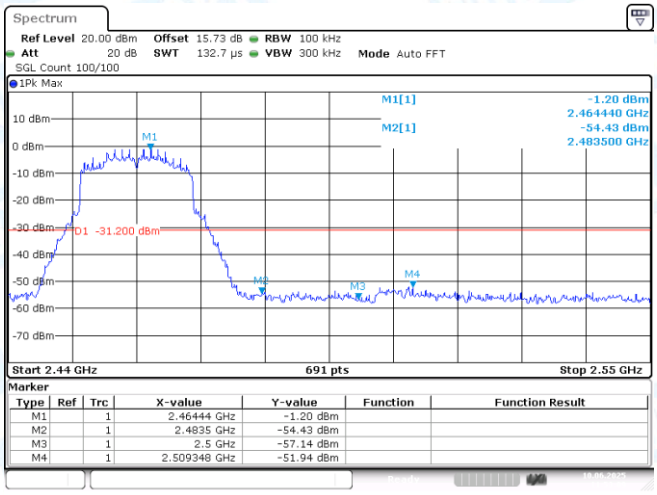
11AX20MIMO-Ant1-2412-PASS



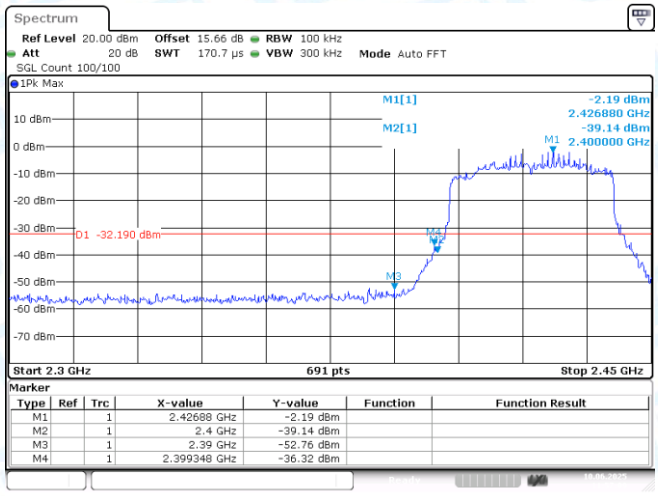
11AX20MIMO-Ant2-2412-PASS



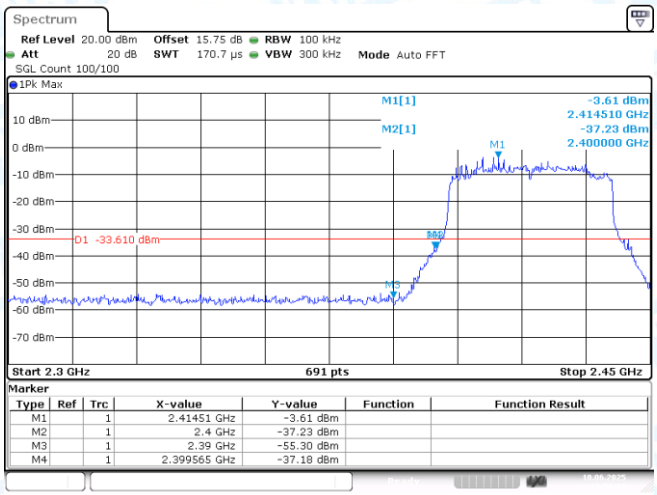
11AX20MIMO-Ant1-2462-PASS



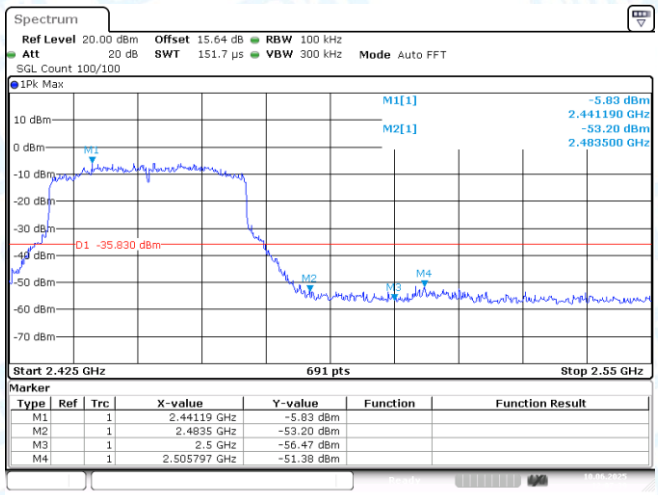
11AX20MIMO-Ant2-2462-PASS



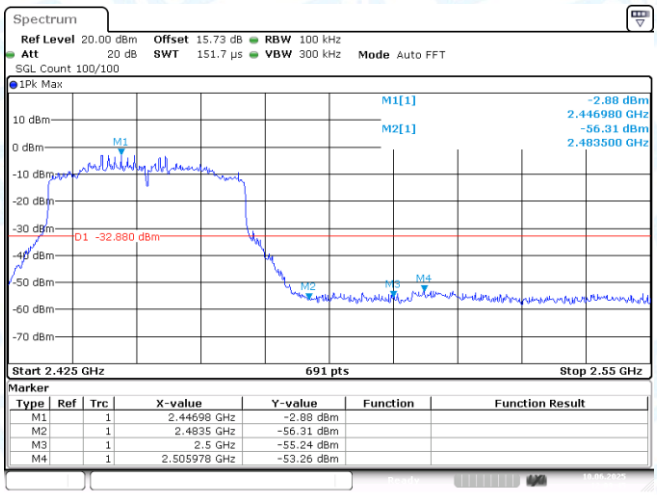
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

6: Conducted Spurious Emission

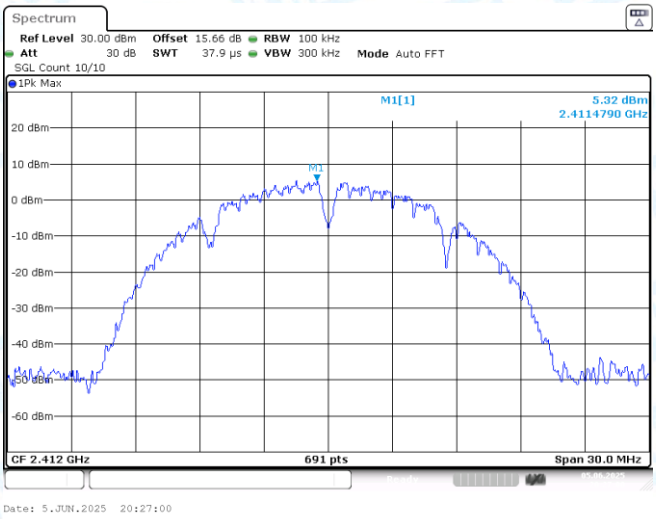
6.1 Test Result

TestMode	Ant.	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	0~Reference	5.32	5.32	---	PASS
11B-CDD	Ant2	2412	0~Reference	5.19	5.19	---	PASS
11B-CDD	Ant1	2412	30~1000	5.32	-64.16	≤-24.68	PASS
11B-CDD	Ant2	2412	30~1000	5.19	-61.82	≤-24.81	PASS
11B-CDD	Ant1	2412	1000~26500	5.32	-45.56	≤-24.68	PASS
11B-CDD	Ant2	2412	1000~26500	5.19	-46.83	≤-24.81	PASS
11B-CDD	Ant1	2437	0~Reference	3.47	3.47	---	PASS
11B-CDD	Ant2	2437	0~Reference	5.03	5.03	---	PASS
11B-CDD	Ant1	2437	30~1000	3.47	-61.15	≤-26.53	PASS
11B-CDD	Ant2	2437	30~1000	5.03	-60.69	≤-24.97	PASS
11B-CDD	Ant1	2437	1000~26500	3.47	-55.62	≤-26.53	PASS
11B-CDD	Ant2	2437	1000~26500	5.03	-55.12	≤-24.97	PASS
11B-CDD	Ant1	2462	0~Reference	3.54	3.54	---	PASS
11B-CDD	Ant2	2462	0~Reference	4.93	4.93	---	PASS
11B-CDD	Ant1	2462	30~1000	3.54	-61.9	≤-26.46	PASS
11B-CDD	Ant2	2462	30~1000	4.93	-62.4	≤-25.07	PASS
11B-CDD	Ant1	2462	1000~26500	3.54	-55.73	≤-26.46	PASS
11B-CDD	Ant2	2462	1000~26500	4.93	-55.82	≤-25.07	PASS
11G-CDD	Ant1	2412	0~Reference	-1.16	-1.16	---	PASS
11G-CDD	Ant2	2412	0~Reference	-0.44	-0.44	---	PASS
11G-CDD	Ant1	2412	30~1000	-1.16	-61.26	≤-31.16	PASS
11G-CDD	Ant2	2412	30~1000	-0.44	-61.39	≤-30.44	PASS
11G-CDD	Ant1	2412	1000~26500	-1.16	-55.89	≤-31.16	PASS
11G-CDD	Ant2	2412	1000~26500	-0.44	-55.26	≤-30.44	PASS
11G-CDD	Ant1	2437	0~Reference	3.08	3.08	---	PASS
11G-CDD	Ant2	2437	0~Reference	-0.24	-0.24	---	PASS
11G-CDD	Ant1	2437	30~1000	3.08	-61.7	≤-26.92	PASS
11G-CDD	Ant2	2437	30~1000	-0.24	-62.07	≤-30.24	PASS
11G-CDD	Ant1	2437	1000~26500	3.08	-55.47	≤-26.92	PASS
11G-CDD	Ant2	2437	1000~26500	-0.24	-55.94	≤-30.24	PASS
11G-CDD	Ant1	2462	0~Reference	4.41	4.41	---	PASS
11G-CDD	Ant2	2462	0~Reference	4.25	4.25	---	PASS
11G-CDD	Ant1	2462	30~1000	4.41	-61.9	≤-25.59	PASS
11G-CDD	Ant2	2462	30~1000	4.25	-60.76	≤-25.75	PASS
11G-CDD	Ant1	2462	1000~26500	4.41	-55.17	≤-25.59	PASS
11G-CDD	Ant2	2462	1000~26500	4.25	-55.84	≤-25.75	PASS
11N20MIMO	Ant1	2412	0~Reference	0.58	0.58	---	PASS
11N20MIMO	Ant2	2412	0~Reference	-0.72	-0.72	---	PASS
11N20MIMO	Ant1	2412	30~1000	0.58	-61.82	≤-29.42	PASS
11N20MIMO	Ant2	2412	30~1000	-0.72	-61.39	≤-30.72	PASS

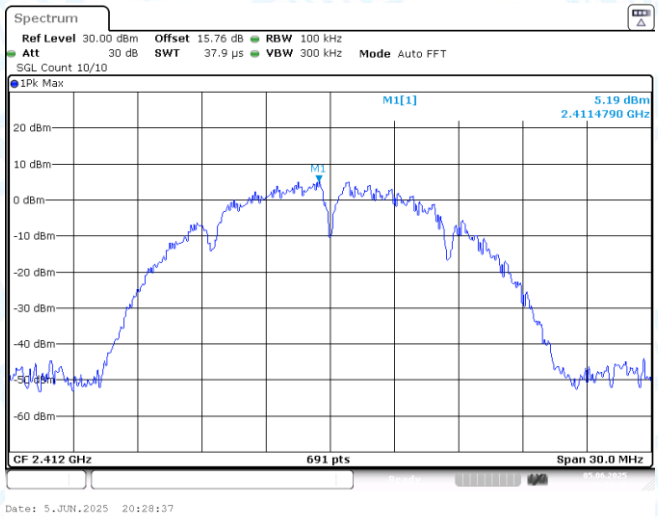
11N20MIMO	Ant1	2412	1000~26500	0.58	-55.38	≤-29.42	PASS
11N20MIMO	Ant2	2412	1000~26500	-0.72	-55.71	≤-30.72	PASS
11N20MIMO	Ant1	2437	0~Reference	0.26	0.26	---	PASS
11N20MIMO	Ant2	2437	0~Reference	4.83	4.83	---	PASS
11N20MIMO	Ant1	2437	30~1000	0.26	-61.89	≤-29.74	PASS
11N20MIMO	Ant2	2437	30~1000	4.83	-61.35	≤-25.17	PASS
11N20MIMO	Ant1	2437	1000~26500	0.26	-56.14	≤-29.74	PASS
11N20MIMO	Ant2	2437	1000~26500	4.83	-55.31	≤-25.17	PASS
11N20MIMO	Ant1	2462	0~Reference	0.18	0.18	---	PASS
11N20MIMO	Ant2	2462	0~Reference	2.67	2.67	---	PASS
11N20MIMO	Ant1	2462	30~1000	0.18	-61.43	≤-29.82	PASS
11N20MIMO	Ant2	2462	30~1000	2.67	-61.26	≤-27.33	PASS
11N20MIMO	Ant1	2462	1000~26500	0.18	-55.69	≤-29.82	PASS
11N20MIMO	Ant2	2462	1000~26500	2.67	-55.68	≤-27.33	PASS
11N40MIMO	Ant1	2422	0~Reference	-3.37	-3.37	---	PASS
11N40MIMO	Ant2	2422	0~Reference	-4.46	-4.46	---	PASS
11N40MIMO	Ant1	2422	30~1000	-3.37	-60.87	≤-33.37	PASS
11N40MIMO	Ant2	2422	30~1000	-4.46	-61.35	≤-34.46	PASS
11N40MIMO	Ant1	2422	1000~26500	-3.37	-55.79	≤-33.37	PASS
11N40MIMO	Ant2	2422	1000~26500	-4.46	-55.26	≤-34.46	PASS
11N40MIMO	Ant1	2437	0~Reference	-1.47	-1.47	---	PASS
11N40MIMO	Ant2	2437	0~Reference	-4.36	-4.36	---	PASS
11N40MIMO	Ant1	2437	30~1000	-1.47	-61.95	≤-31.47	PASS
11N40MIMO	Ant2	2437	30~1000	-4.36	-61.07	≤-34.36	PASS
11N40MIMO	Ant1	2437	1000~26500	-1.47	-55.94	≤-31.47	PASS
11N40MIMO	Ant2	2437	1000~26500	-4.36	-55.84	≤-34.36	PASS
11N40MIMO	Ant1	2452	0~Reference	-4.22	-4.22	---	PASS
11N40MIMO	Ant2	2452	0~Reference	-0.32	-0.32	---	PASS
11N40MIMO	Ant1	2452	30~1000	-4.22	-61.39	≤-34.22	PASS
11N40MIMO	Ant2	2452	30~1000	-0.32	-62.25	≤-30.32	PASS
11N40MIMO	Ant1	2452	1000~26500	-4.22	-55.86	≤-34.22	PASS
11N40MIMO	Ant2	2452	1000~26500	-0.32	-56.02	≤-30.32	PASS
11AX20MIMO	Ant1	2412	0~Reference	-4.01	-4.01	---	PASS
11AX20MIMO	Ant2	2412	0~Reference	-5.16	-5.16	---	PASS
11AX20MIMO	Ant1	2412	30~1000	-4.01	-61.21	≤-34.01	PASS
11AX20MIMO	Ant2	2412	30~1000	-5.16	-60.33	≤-35.16	PASS
11AX20MIMO	Ant1	2412	1000~26500	-4.01	-55.5	≤-34.01	PASS
11AX20MIMO	Ant2	2412	1000~26500	-5.16	-55.67	≤-35.16	PASS
11AX20MIMO	Ant1	2437	0~Reference	-3.51	-3.51	---	PASS
11AX20MIMO	Ant2	2437	0~Reference	-5.18	-5.18	---	PASS
11AX20MIMO	Ant1	2437	30~1000	-3.51	-61.45	≤-33.51	PASS
11AX20MIMO	Ant2	2437	30~1000	-5.18	-61.64	≤-35.18	PASS
11AX20MIMO	Ant1	2437	1000~26500	-3.51	-56.31	≤-33.51	PASS
11AX20MIMO	Ant2	2437	1000~26500	-5.18	-55.74	≤-35.18	PASS
11AX20MIMO	Ant1	2462	0~Reference	-1.21	-1.21	---	PASS

11AX20MIMO	Ant2	2462	0~Reference	-3.02	-3.02	---	PASS
11AX20MIMO	Ant1	2462	30~1000	-1.21	-61.99	≤-31.21	PASS
11AX20MIMO	Ant2	2462	30~1000	-3.02	-47.47	≤-33.02	PASS
11AX20MIMO	Ant1	2462	1000~26500	-1.21	-56.29	≤-31.21	PASS
11AX20MIMO	Ant2	2462	1000~26500	-3.02	-55.32	≤-33.02	PASS
11AX40MIMO	Ant1	2422	0~Reference	-7.37	-7.37	---	PASS
11AX40MIMO	Ant2	2422	0~Reference	-2.96	-2.96	---	PASS
11AX40MIMO	Ant1	2422	30~1000	-7.37	-61.42	≤-37.37	PASS
11AX40MIMO	Ant2	2422	30~1000	-2.96	-61.61	≤-32.96	PASS
11AX40MIMO	Ant1	2422	1000~26500	-7.37	-56	≤-37.37	PASS
11AX40MIMO	Ant2	2422	1000~26500	-2.96	-56.04	≤-32.96	PASS
11AX40MIMO	Ant1	2437	0~Reference	-6.21	-6.21	---	PASS
11AX40MIMO	Ant2	2437	0~Reference	-6.60	-6.60	---	PASS
11AX40MIMO	Ant1	2437	30~1000	-6.21	-61.84	≤-36.21	PASS
11AX40MIMO	Ant2	2437	30~1000	-6.60	-60.52	≤-36.6	PASS
11AX40MIMO	Ant1	2437	1000~26500	-6.21	-56.25	≤-36.21	PASS
11AX40MIMO	Ant2	2437	1000~26500	-6.60	-56.42	≤-36.6	PASS
11AX40MIMO	Ant1	2452	0~Reference	-6.26	-6.26	---	PASS
11AX40MIMO	Ant2	2452	0~Reference	-5.38	-5.38	---	PASS
11AX40MIMO	Ant1	2452	30~1000	-6.26	-61.09	≤-36.26	PASS
11AX40MIMO	Ant2	2452	30~1000	-5.38	-61.16	≤-35.38	PASS
11AX40MIMO	Ant1	2452	1000~26500	-6.26	-56.21	≤-36.26	PASS
11AX40MIMO	Ant2	2452	1000~26500	-5.38	-55.46	≤-35.38	PASS

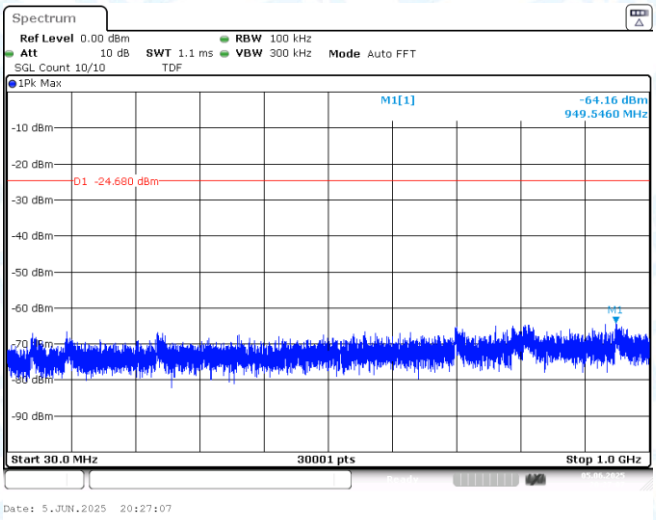
6.2 Test Graphs



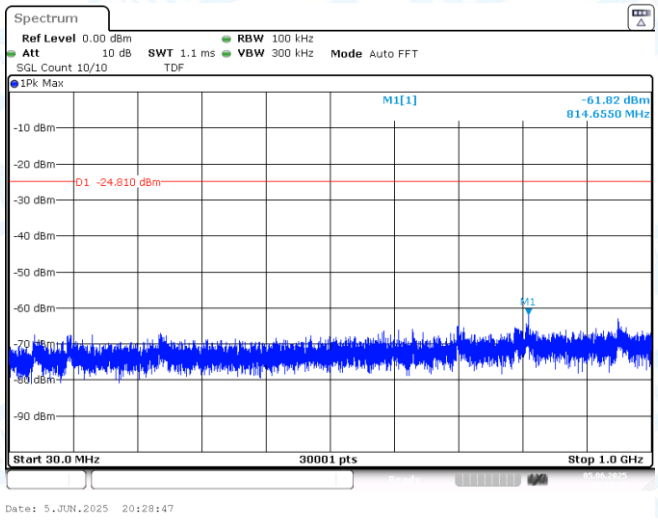
11B-CDD-Ant1-2412-0~Reference-PASS



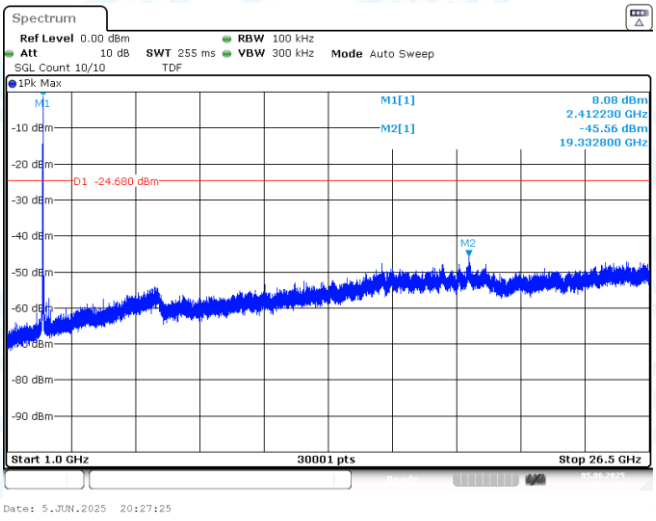
11B-CDD-Ant2-2412-0~Reference-PASS



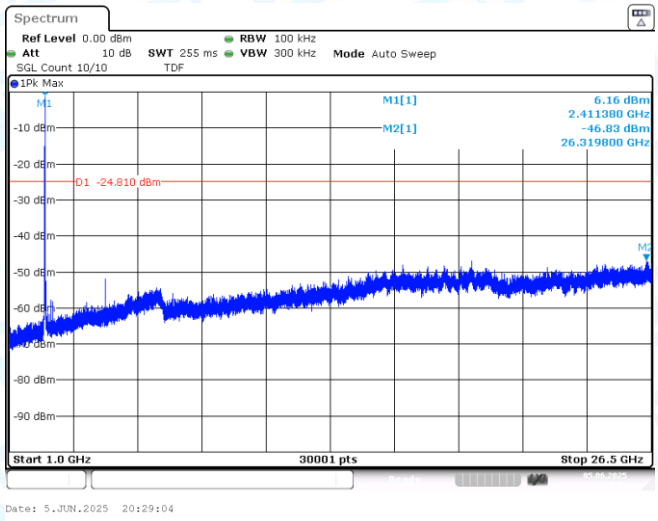
11B-CDD-Ant1-2412-30~1000-PASS



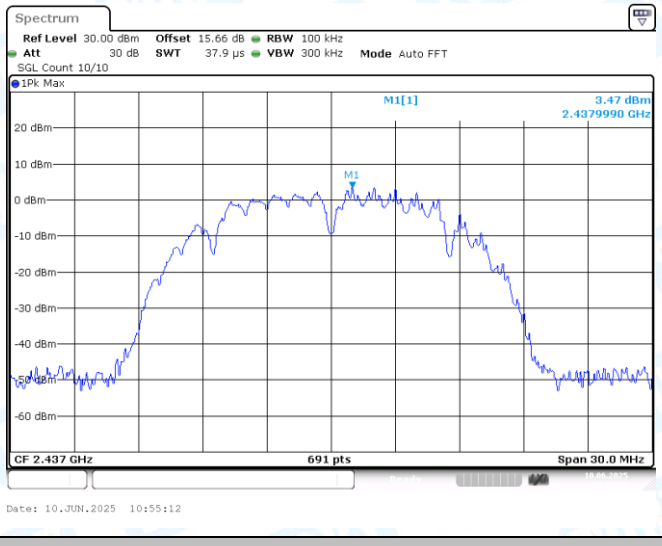
11B-CDD-Ant2-2412-30~1000-PASS



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



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



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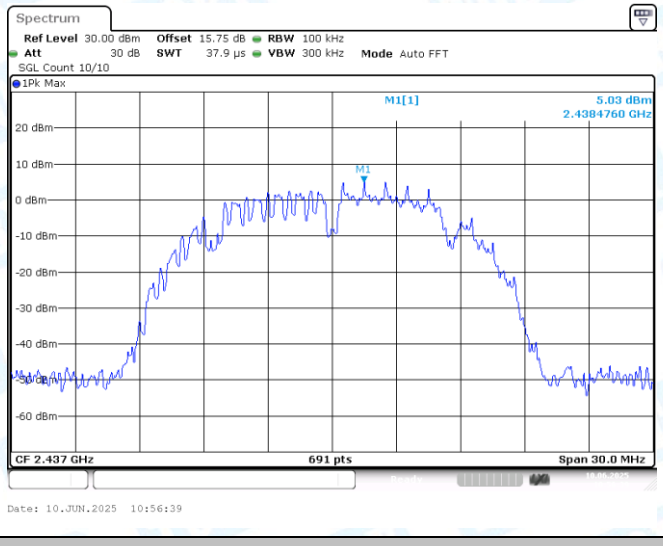

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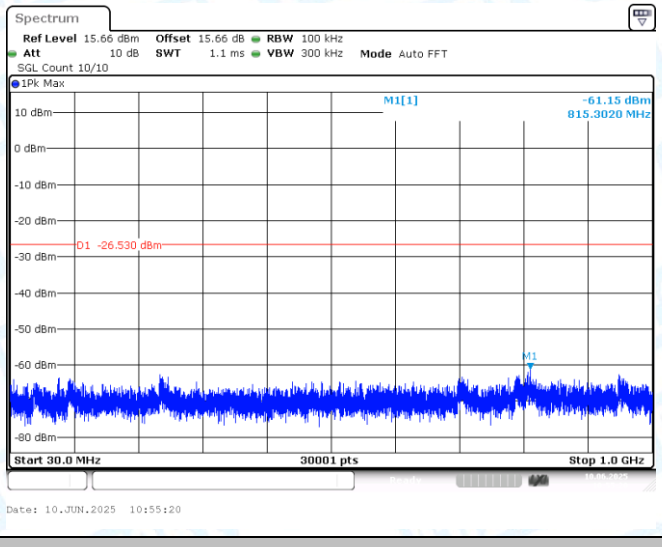

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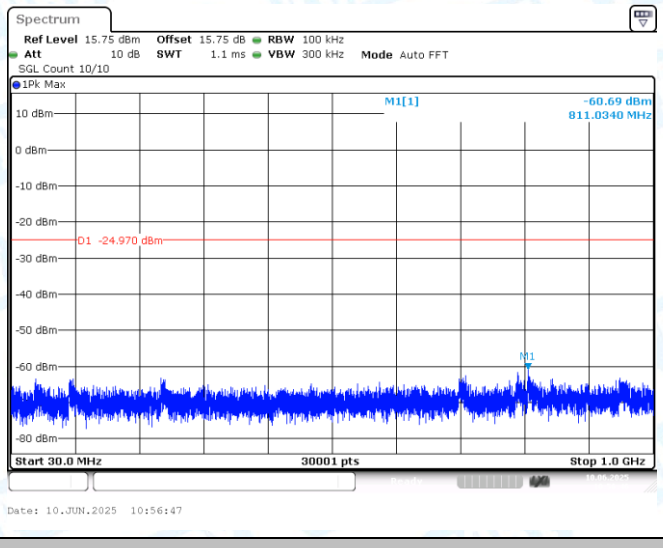
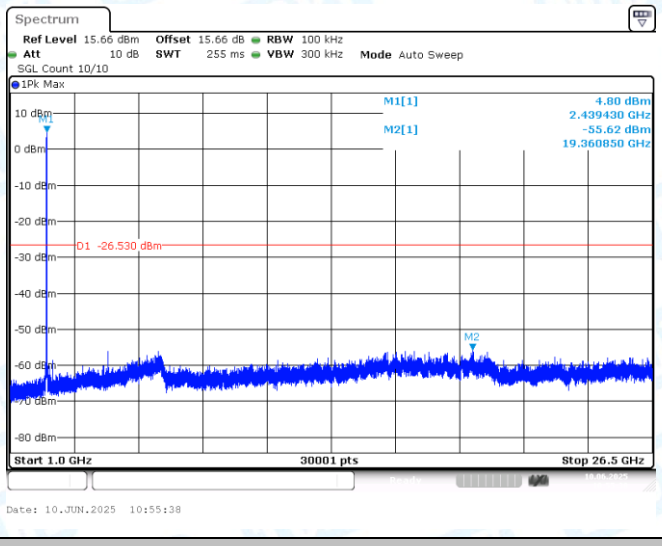


11B-CDD-Ant2-2437-30~1000-PASS



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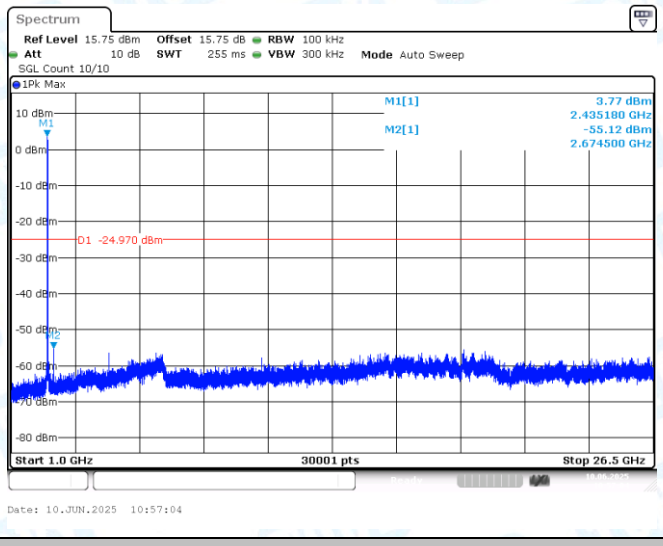
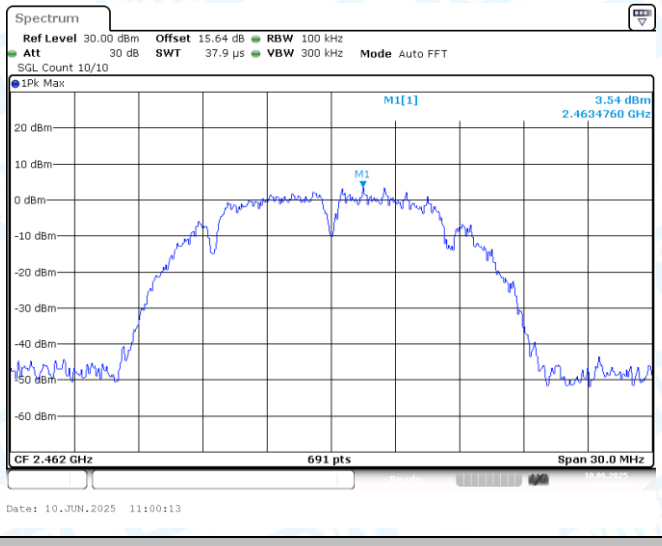
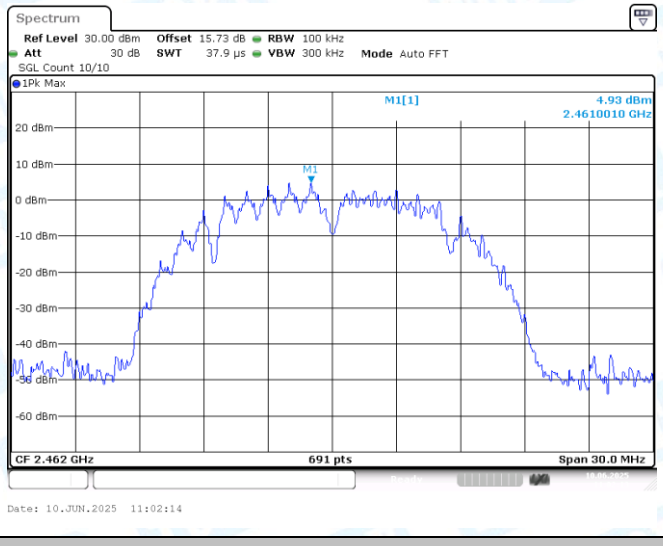


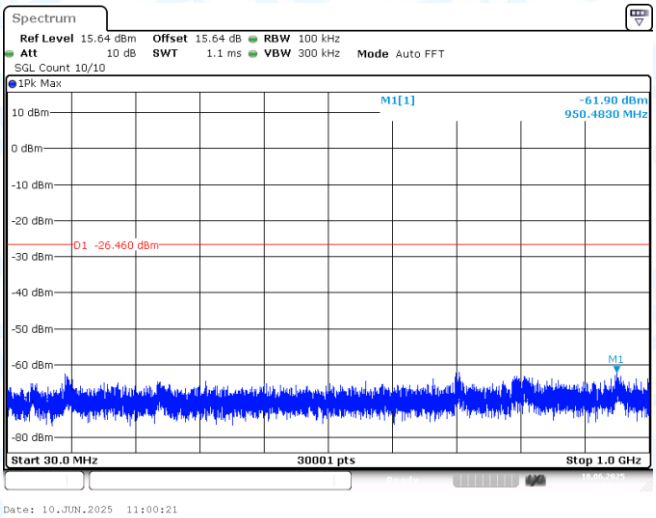
11B-CDD-Ant2-2437-1000~26500-PASS



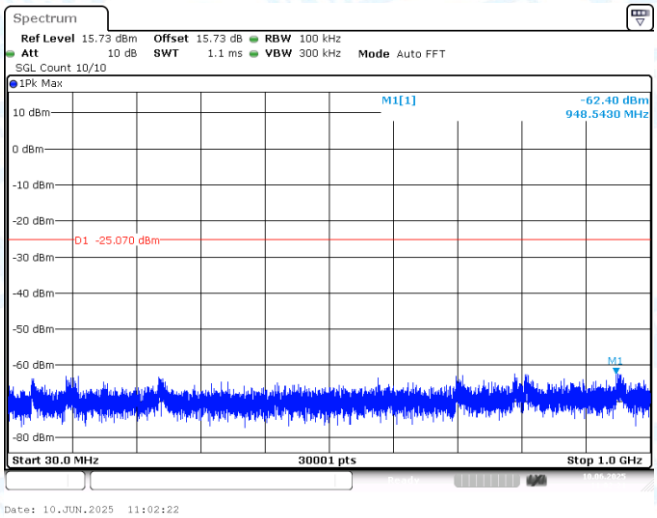
11B-CDD-Ant1-2462-0~Reference-PASS



11B-CDD-Ant2-2462-0~Reference-PASS



11B-CDD-Ant1-2462-30~1000-PASS



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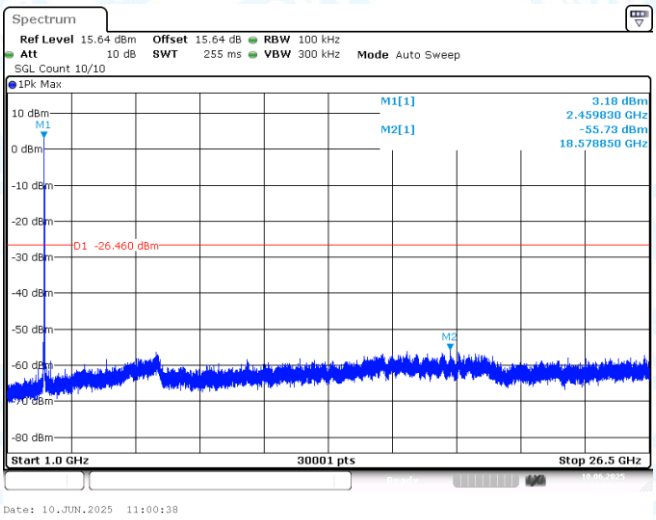

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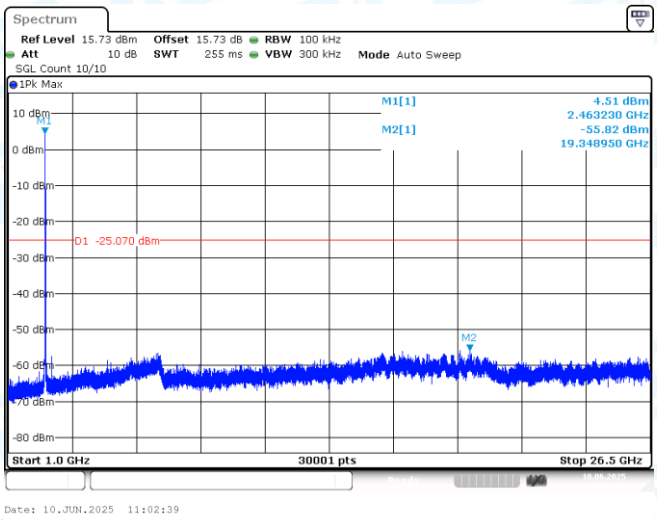

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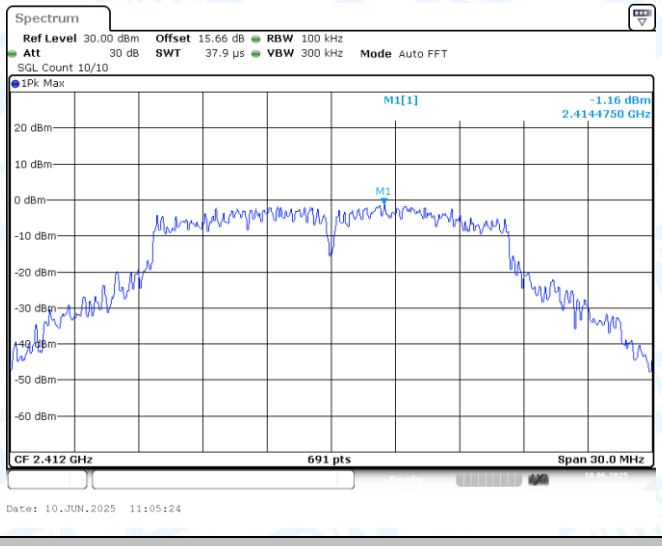

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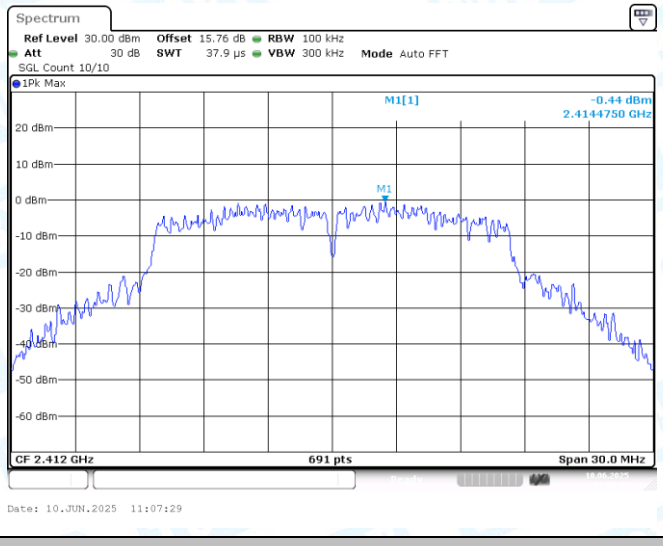

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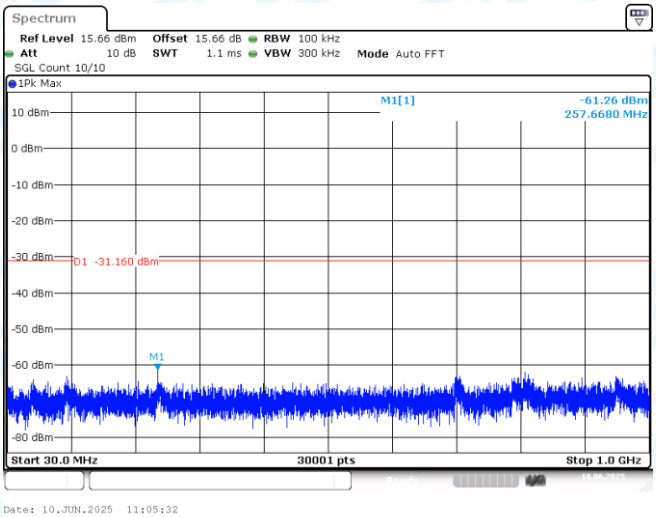

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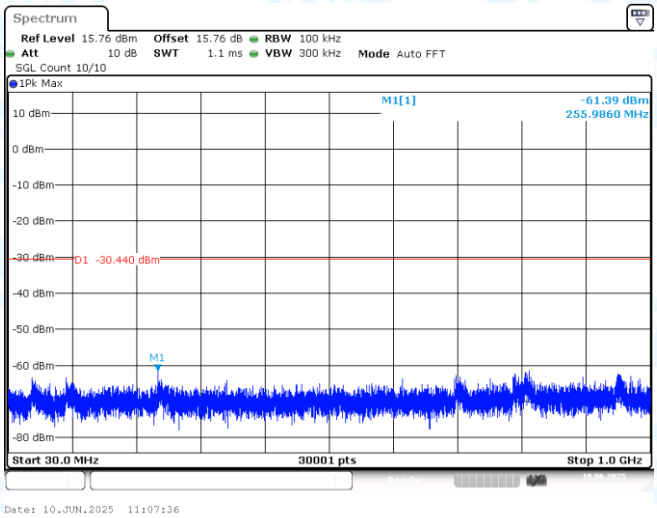
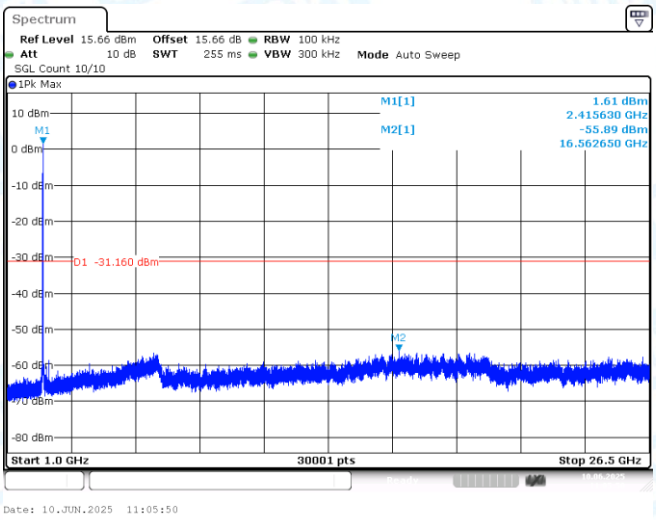


11G-CDD-Ant2-2412-30~1000-PASS



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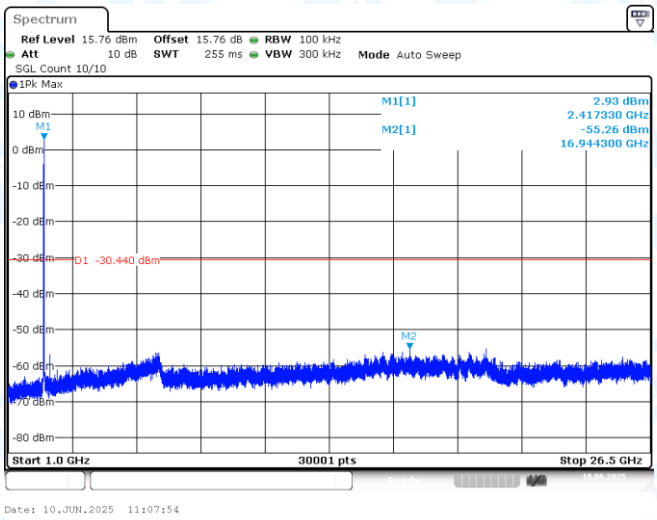

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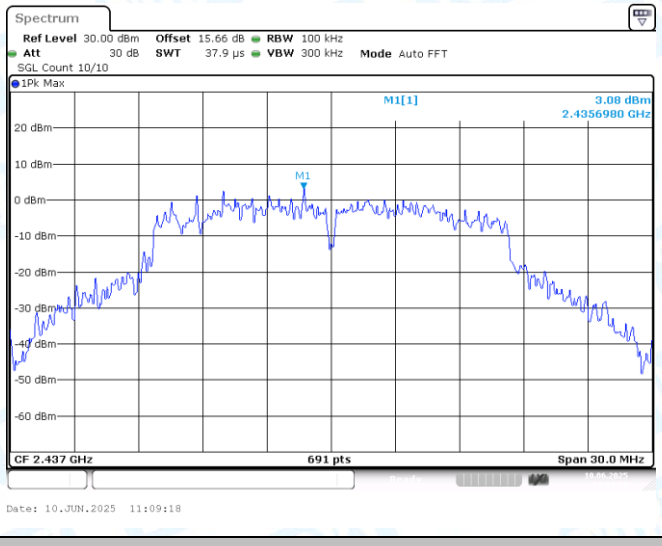

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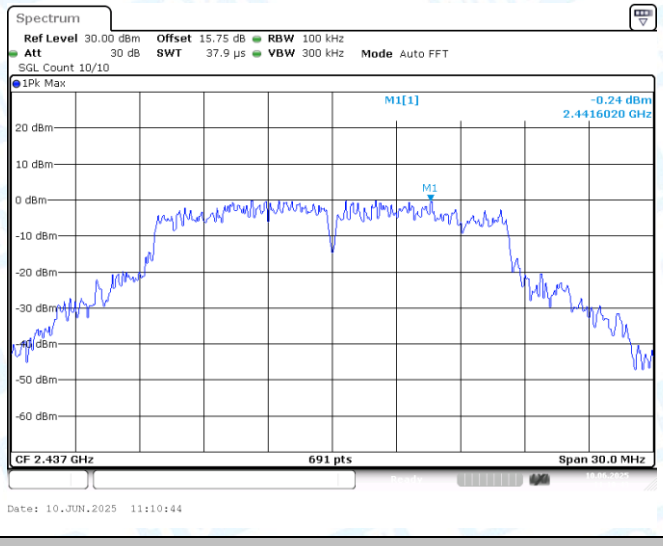

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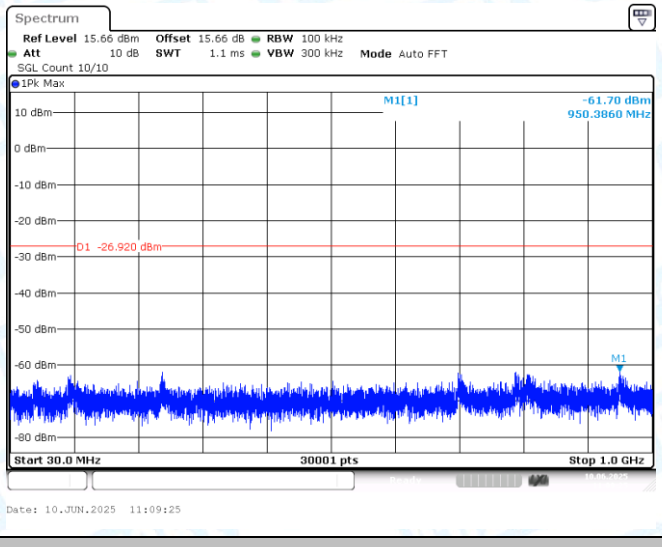

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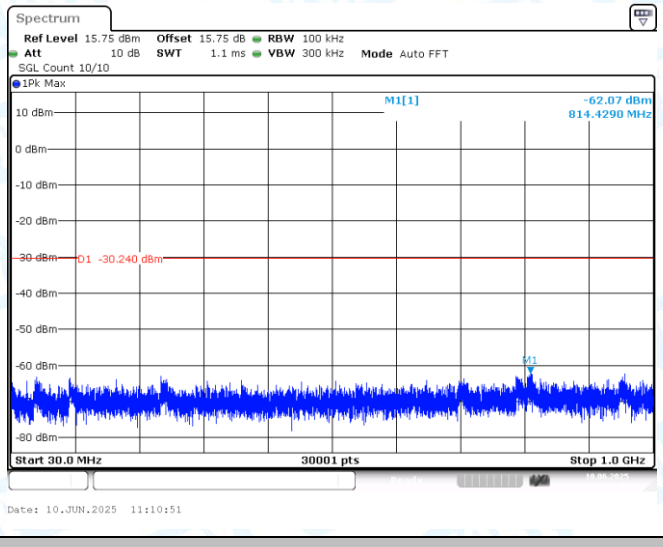

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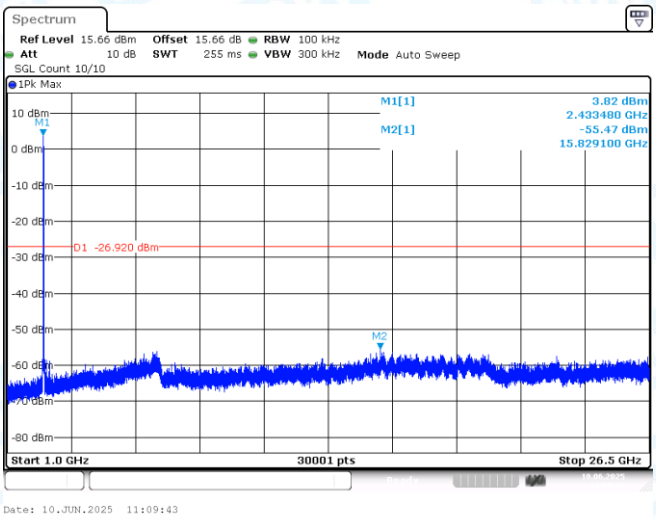

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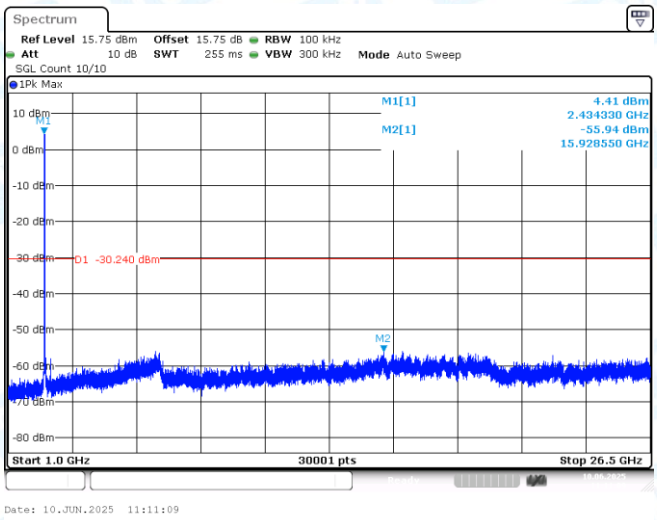

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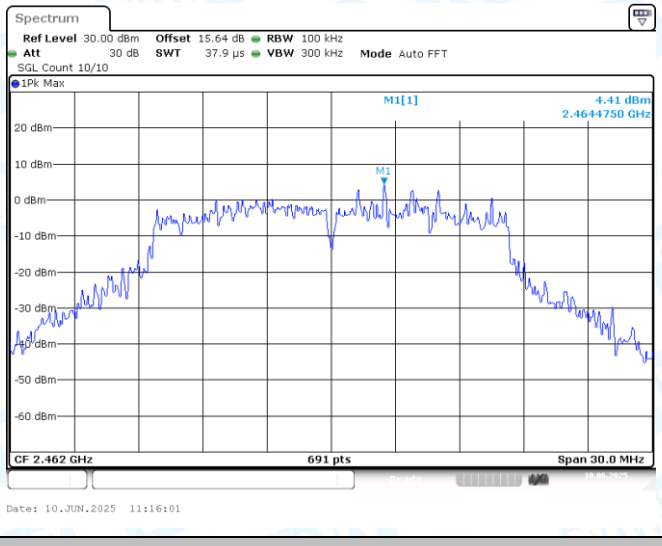

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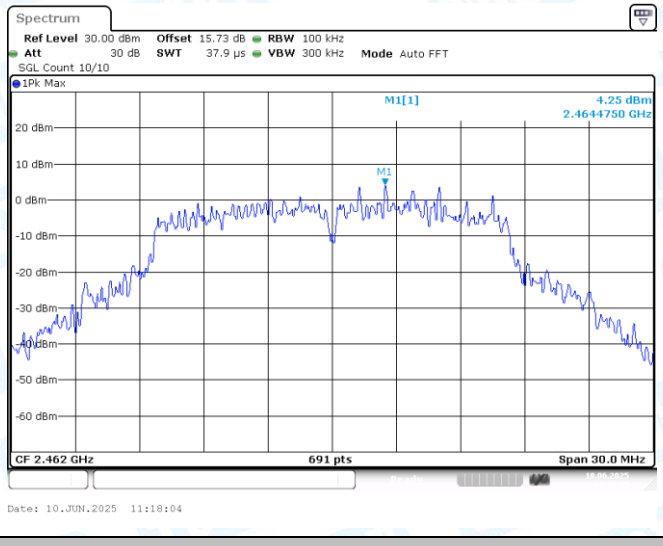

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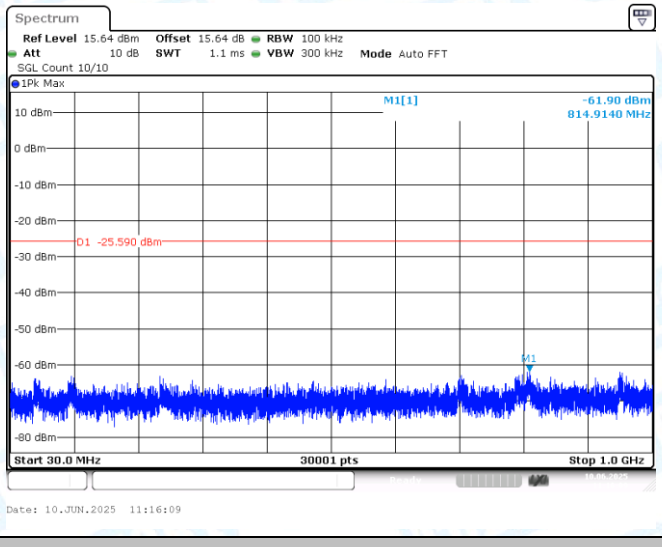

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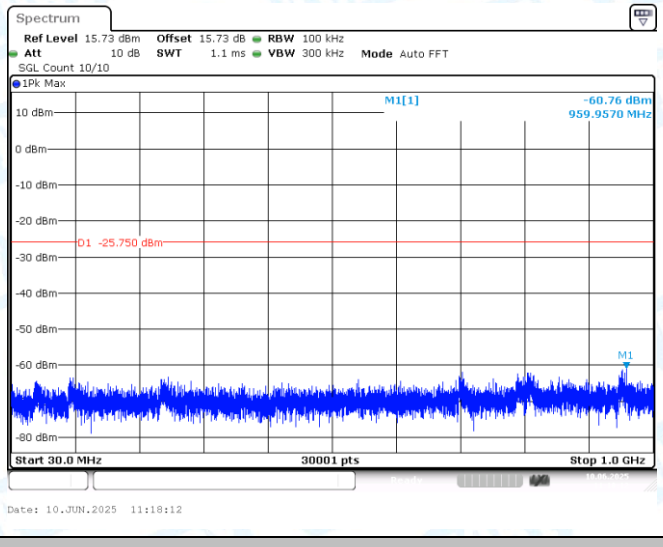

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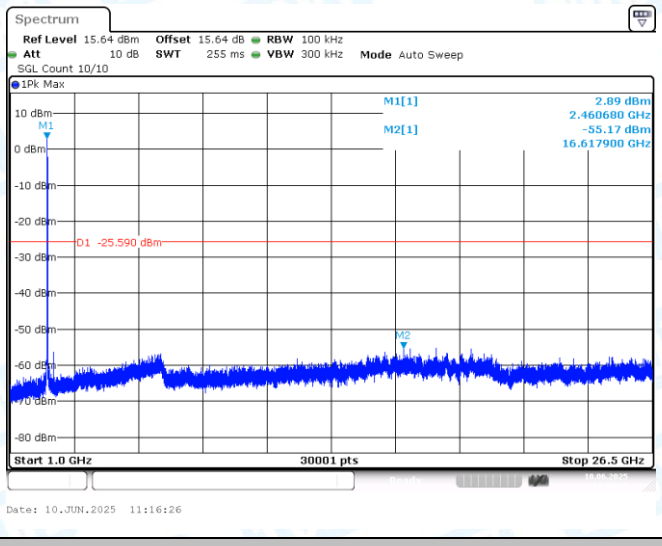

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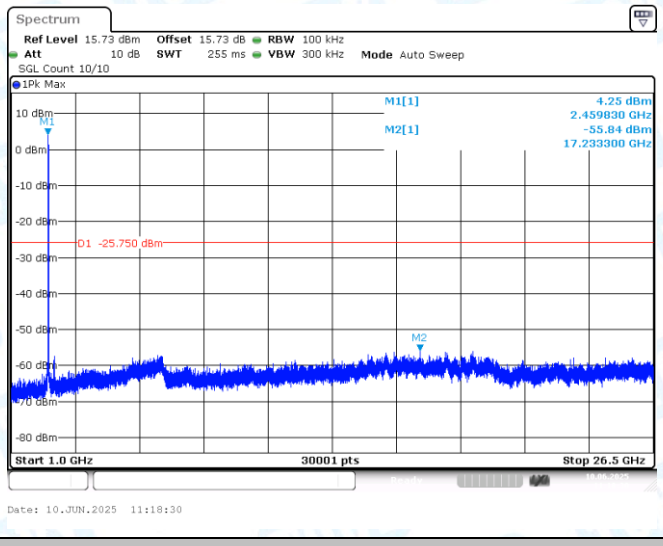

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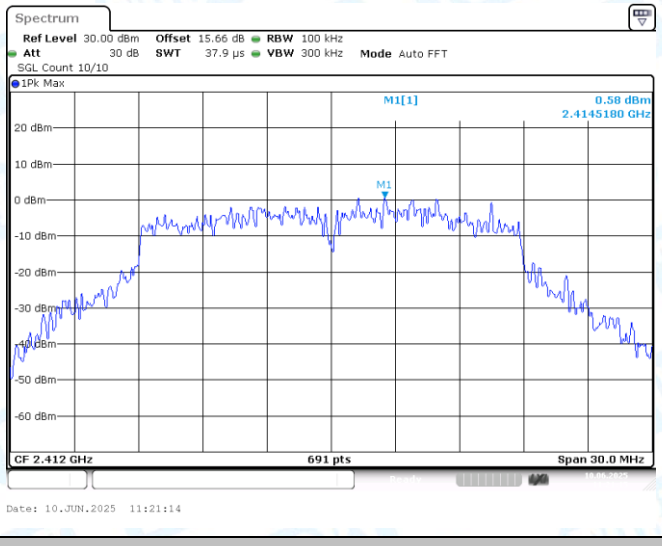
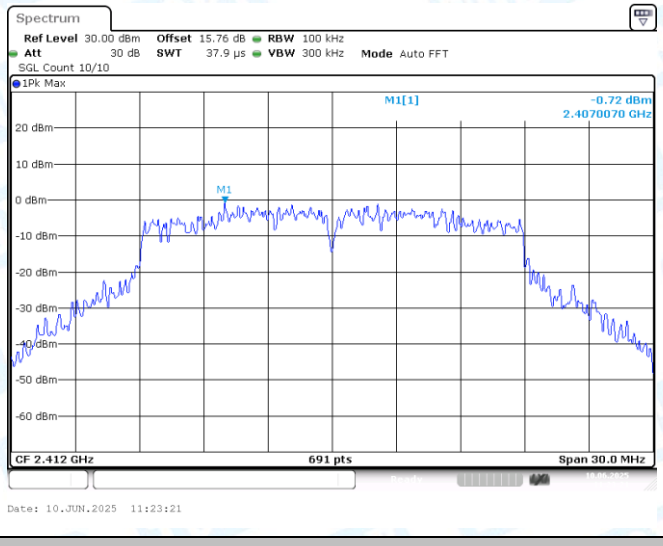


11N20MIMO-Ant1-2412-0~Reference-PASS



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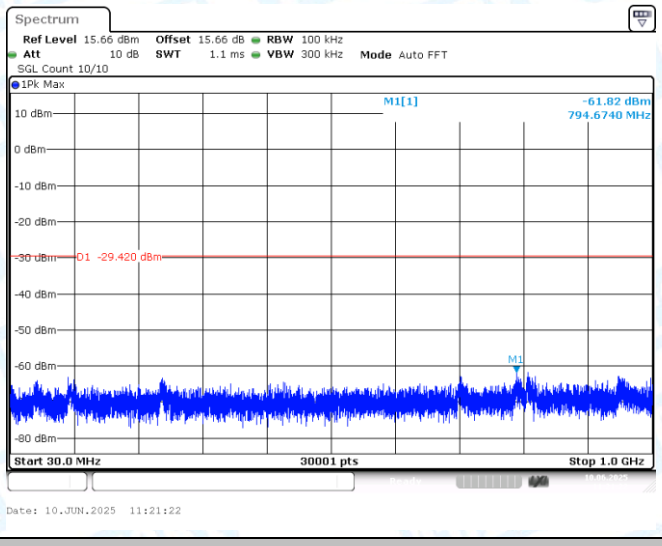

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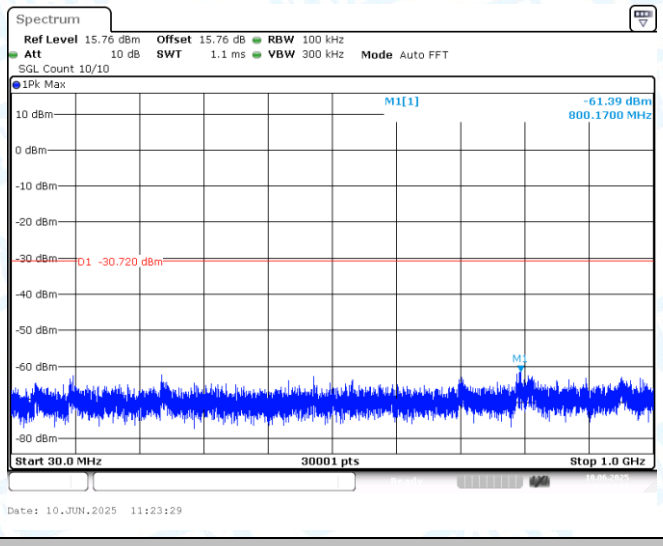

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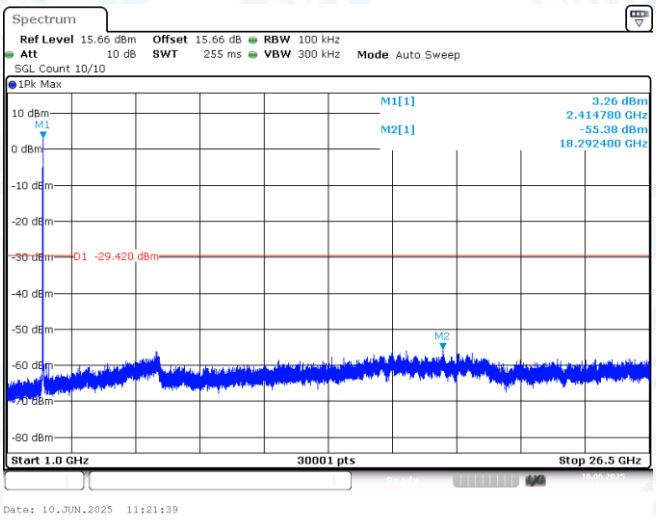

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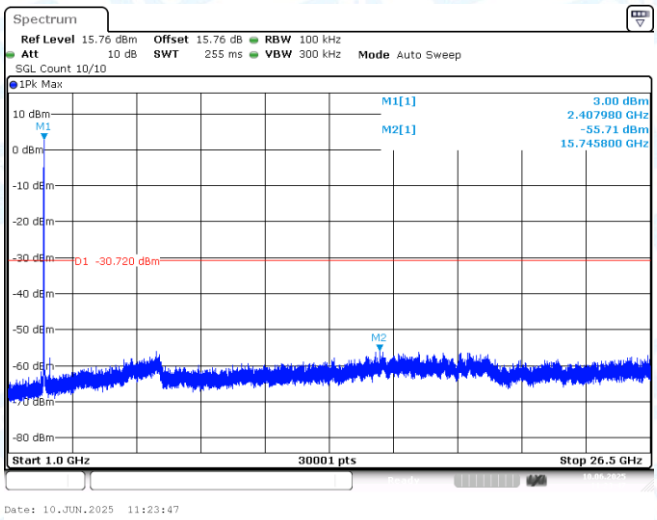

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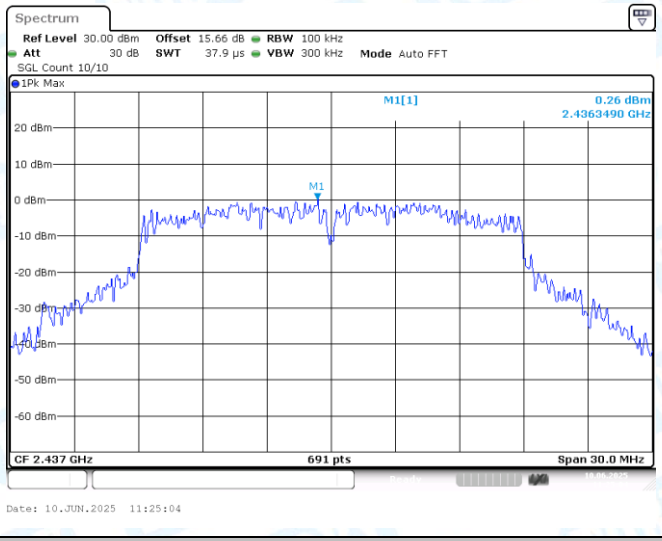

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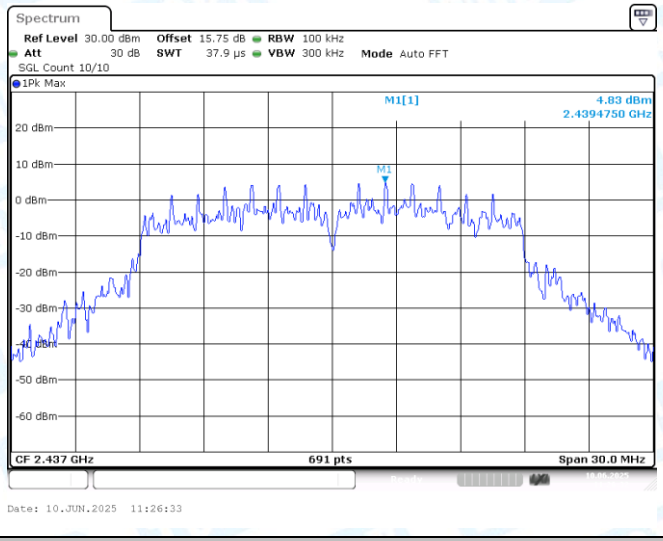
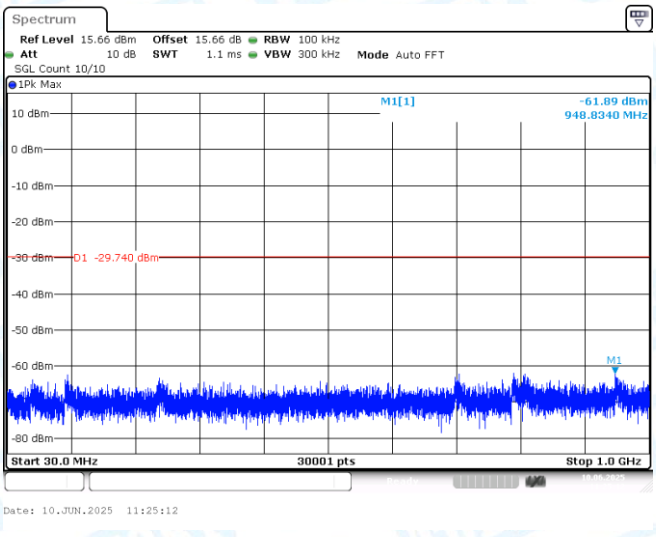
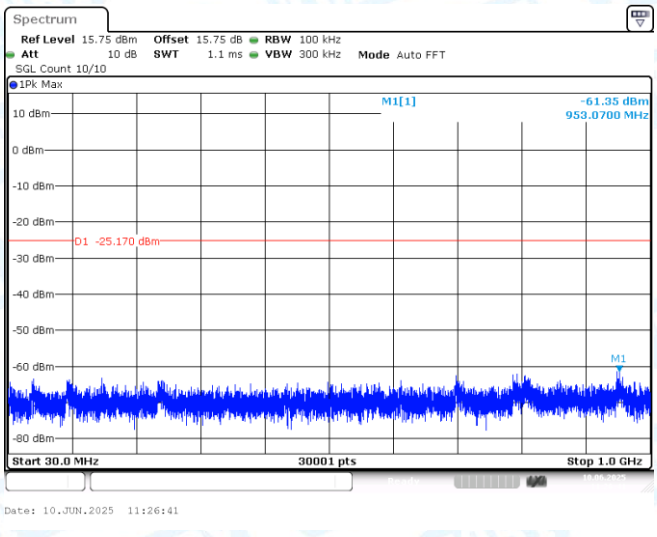


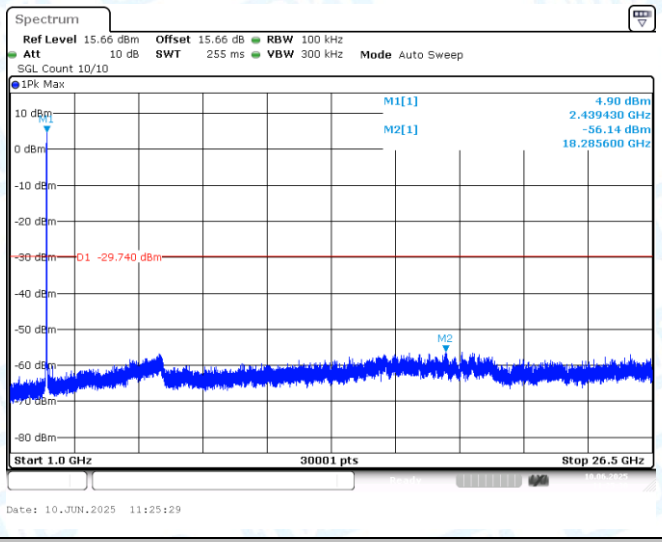
11N20MIMO-Ant2-2437-0~Reference-PASS



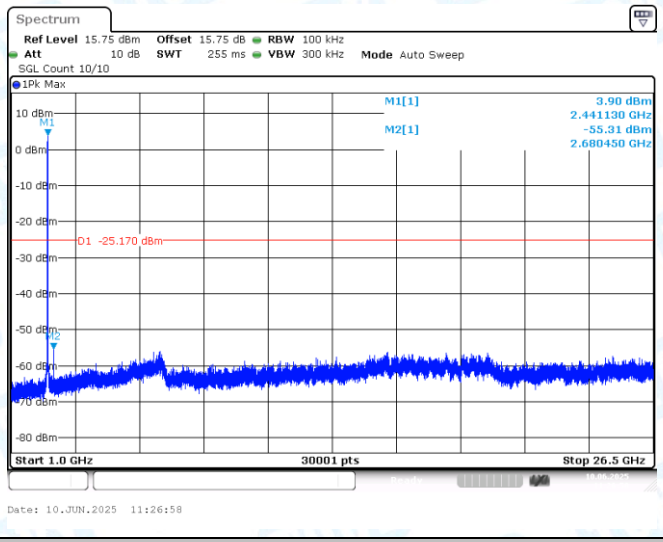
11N20MIMO-Ant1-2437-30~1000-PASS



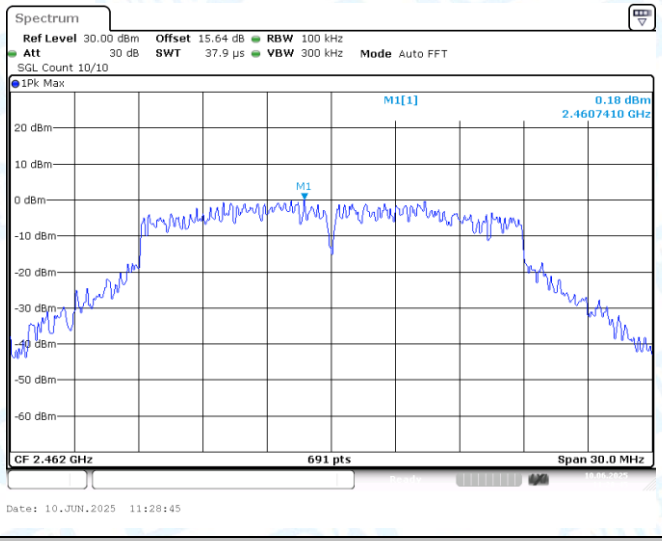
11N20MIMO-Ant2-2437-30~1000-PASS



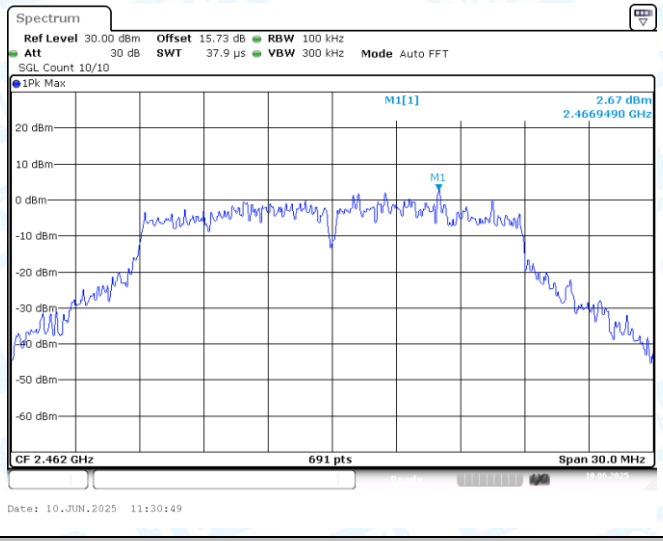
11N20MIMO-Ant1-2437-1000~26500-PASS



11N20MIMO-Ant2-2437-1000~26500-PASS



11N20MIMO-Ant1-2462-0~Reference-PASS



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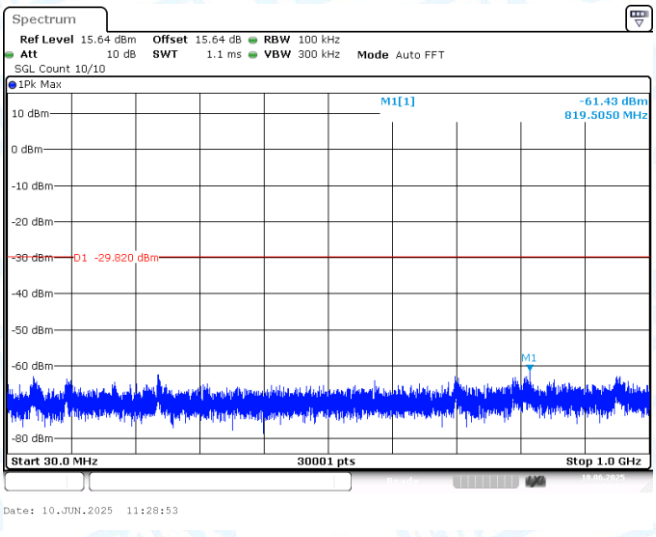
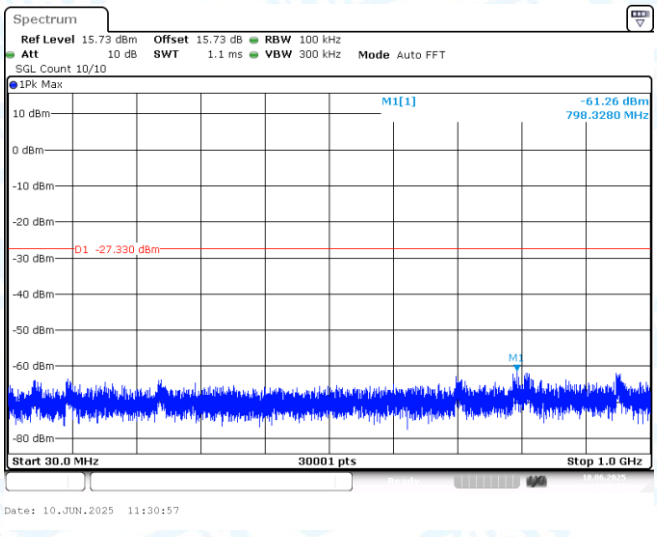


11N20MIMO-Ant1-2462-30~1000-PASS



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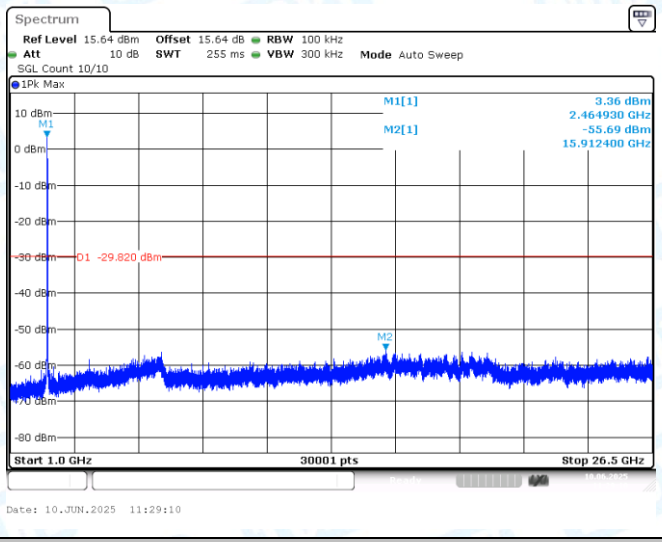

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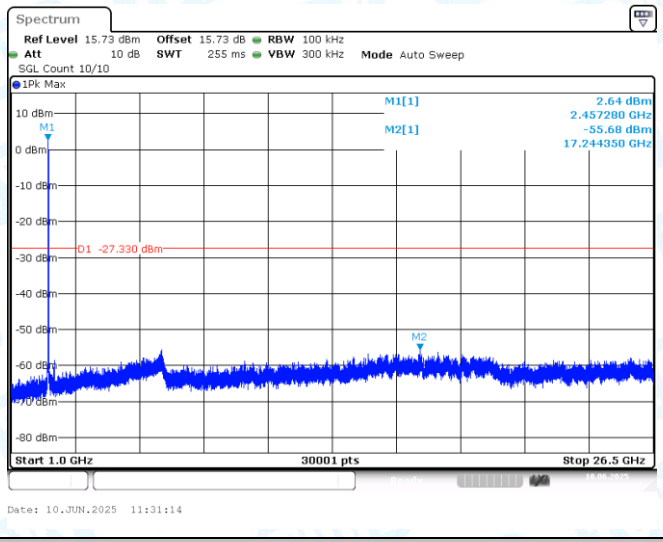

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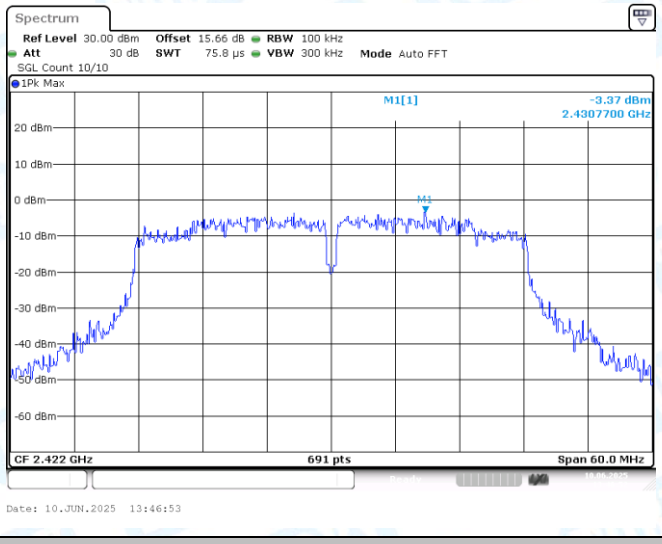
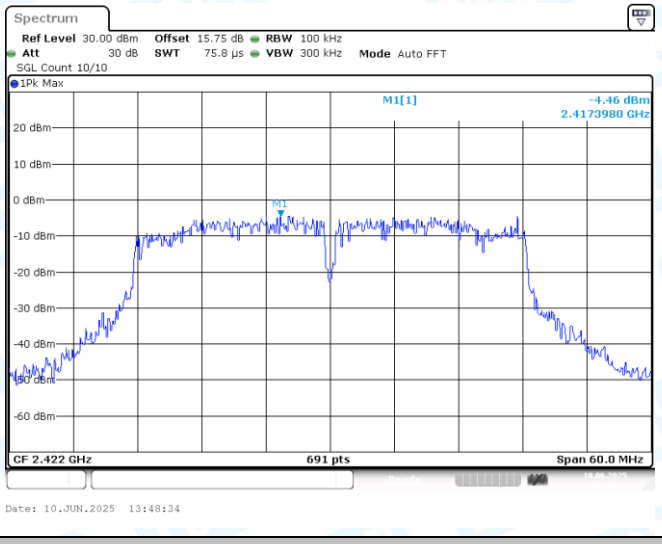


11N40MIMO-Ant1-2422-0~Reference-PASS



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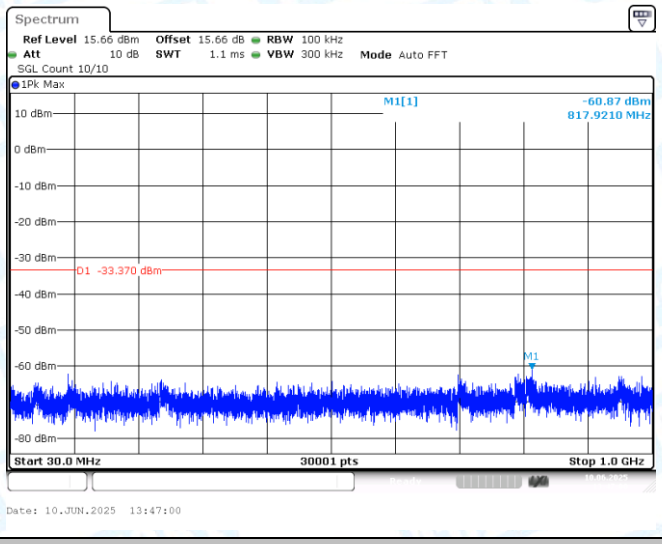
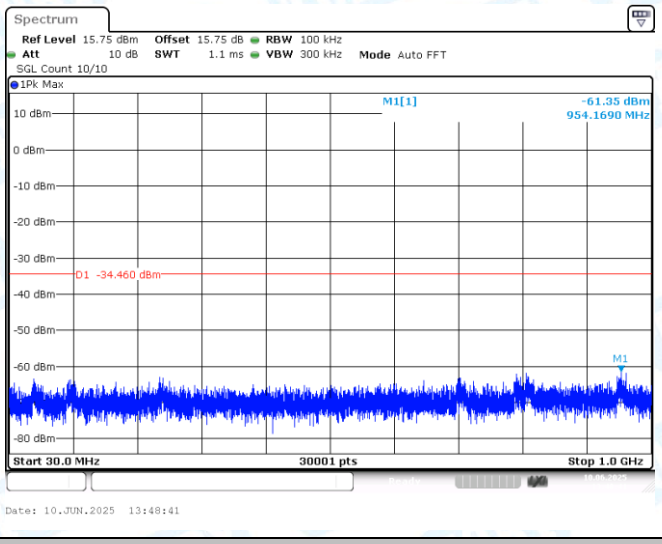
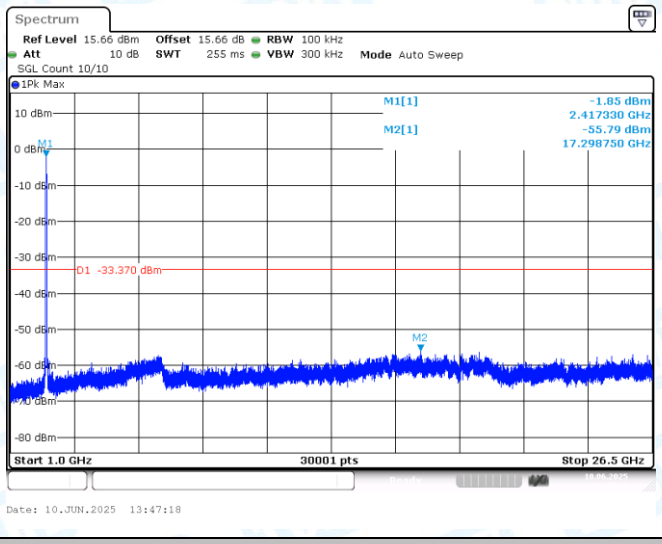


11N40MIMO-Ant1-2422-30~1000-PASS



11N40MIMO-Ant2-2422-30~1000-PASS



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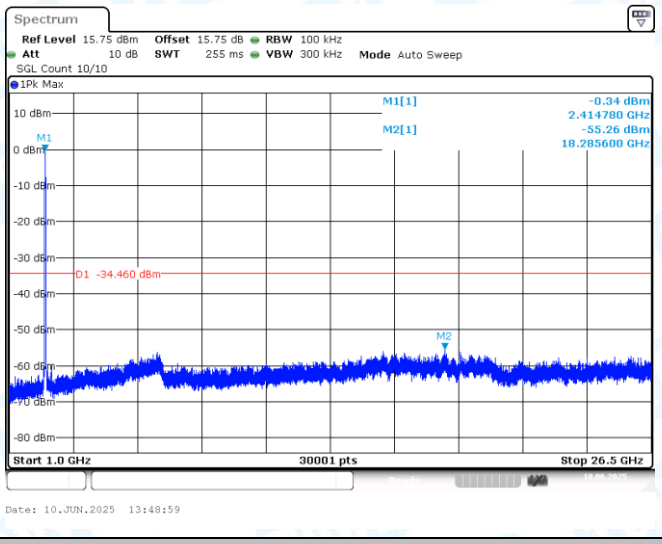

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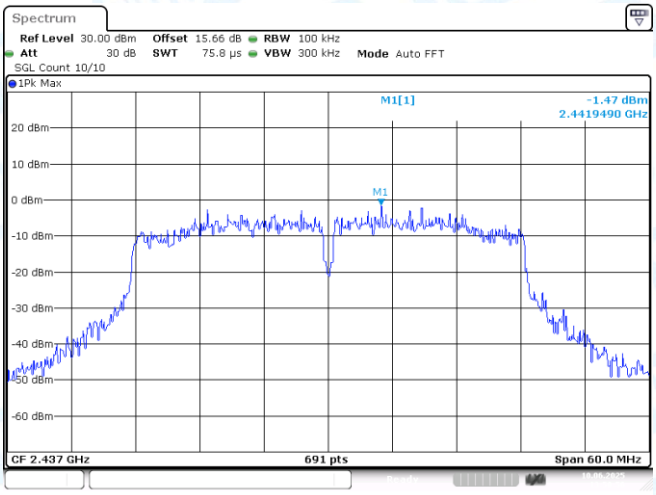
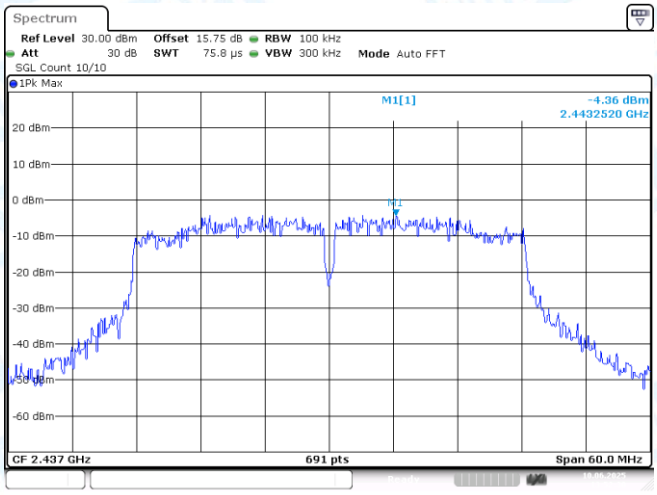


11N40MIMO-Ant1-2437-0~Reference-PASS



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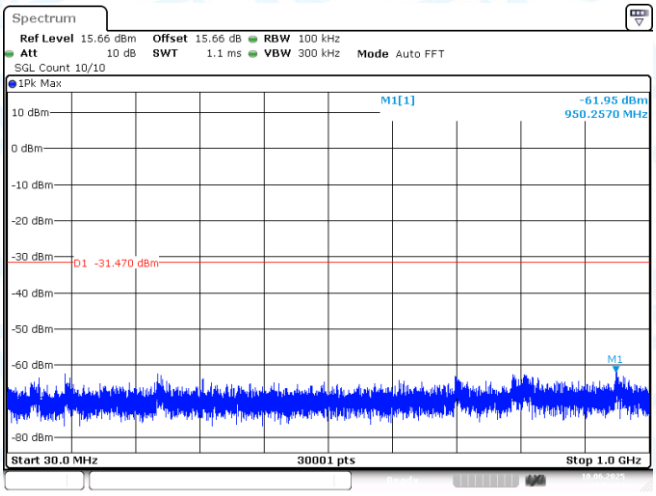
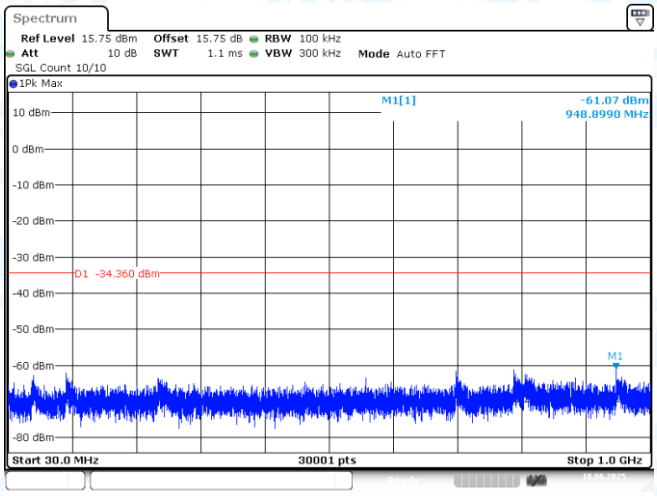


11N40MIMO-Ant1-2437-30~1000-PASS



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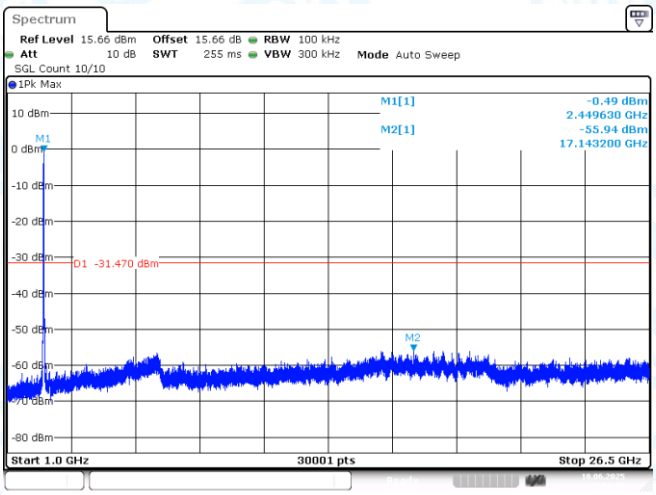

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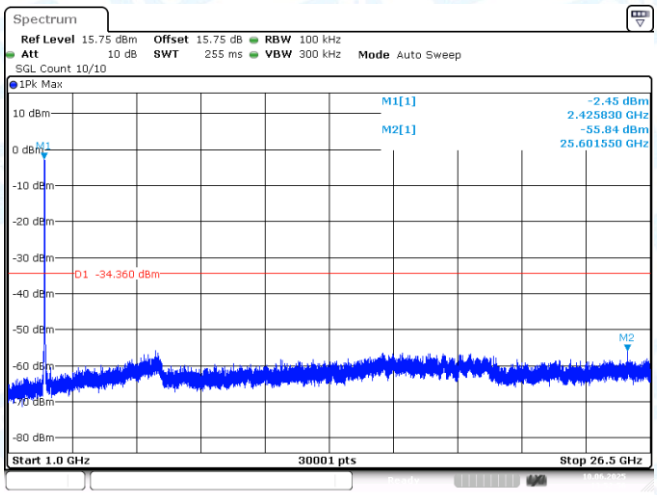

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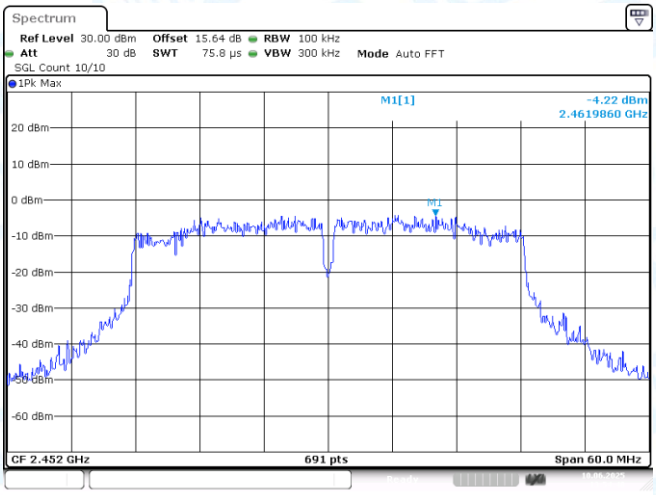
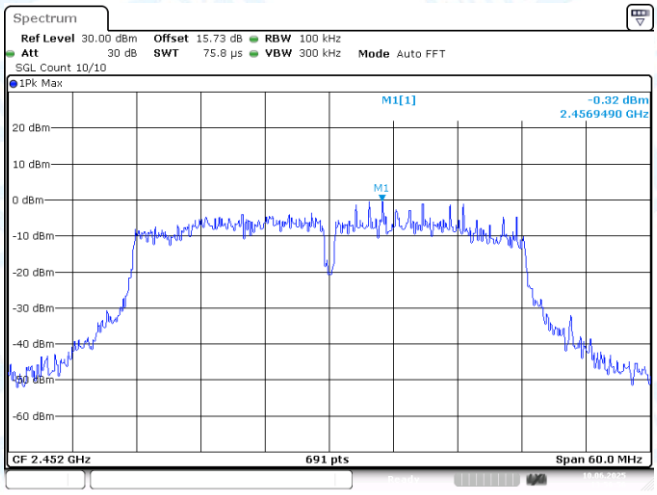


11N40MIMO-Ant1-2452-0~Reference-PASS



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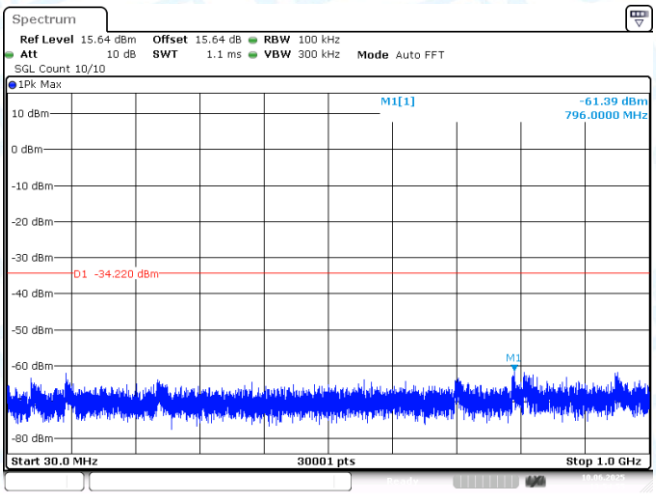

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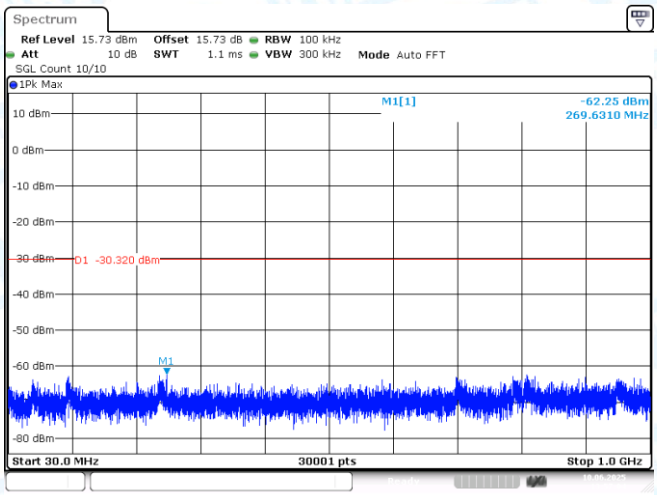

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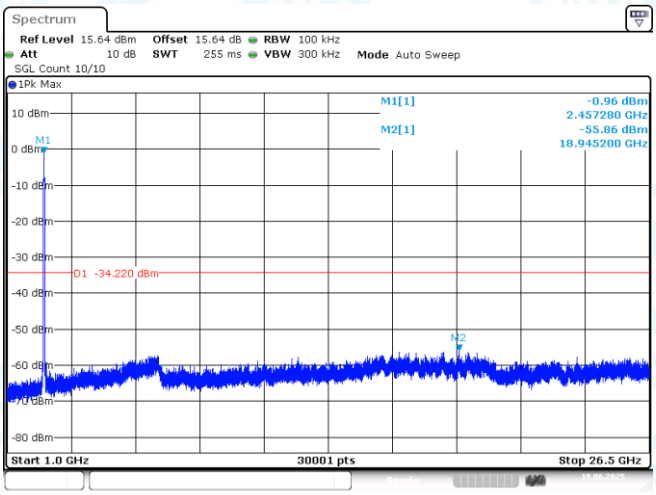

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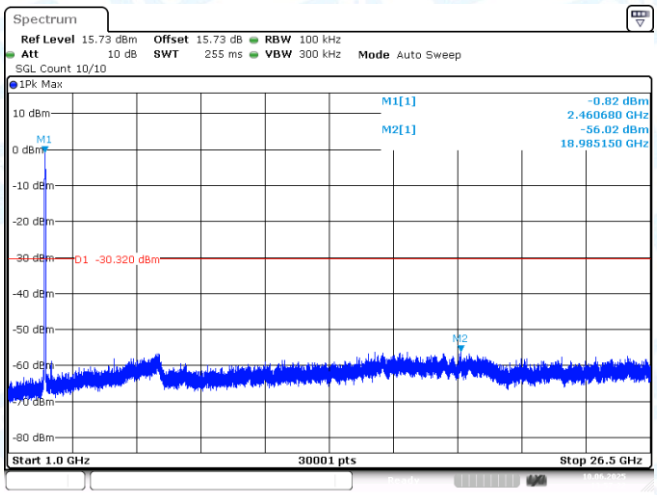

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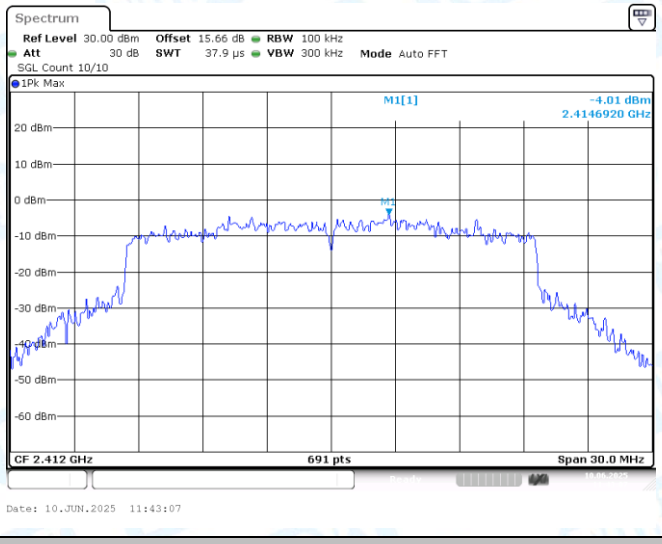
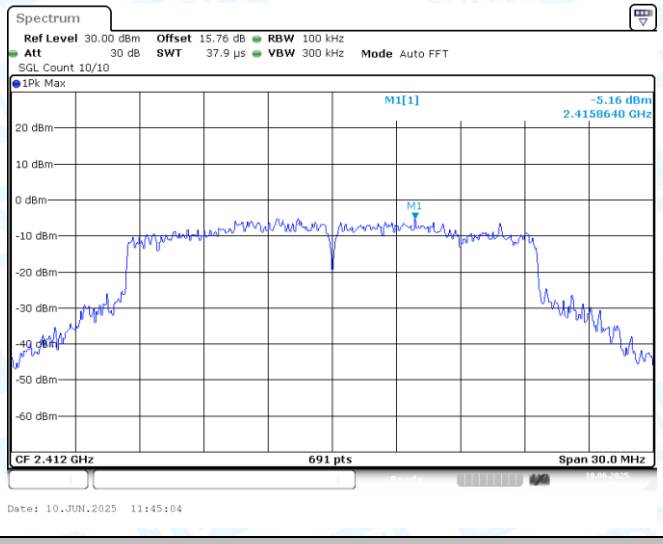
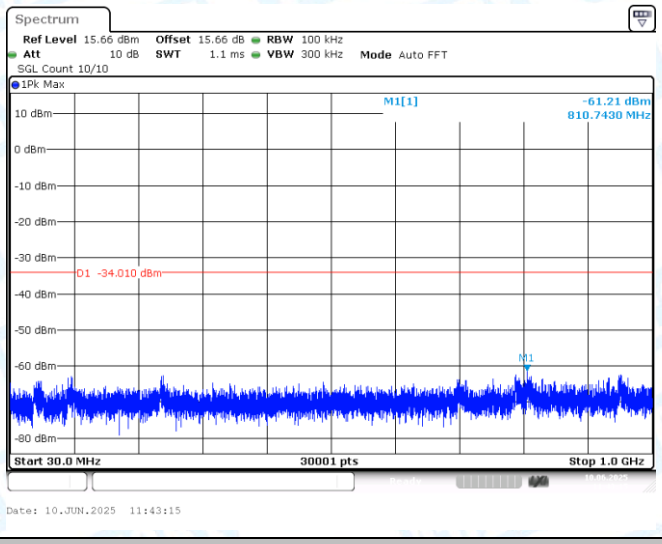


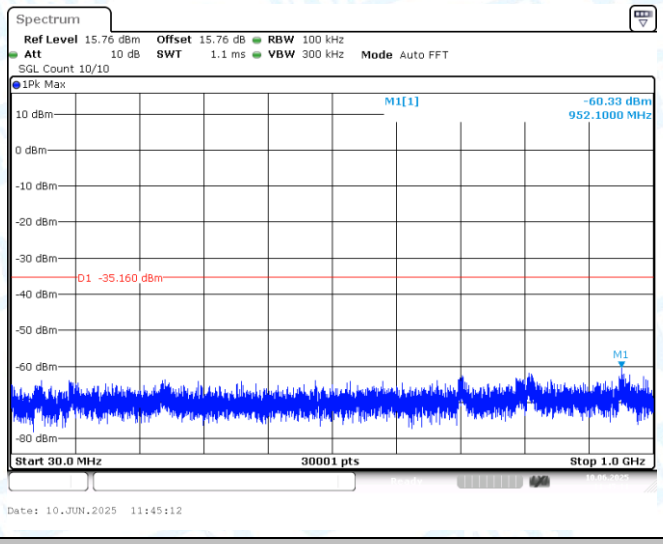
11AX20MIMO-Ant1-2412-0~Reference-PASS



11AX20MIMO-Ant2-2412-0~Reference-PASS



11AX20MIMO-Ant1-2412-30~1000-PASS



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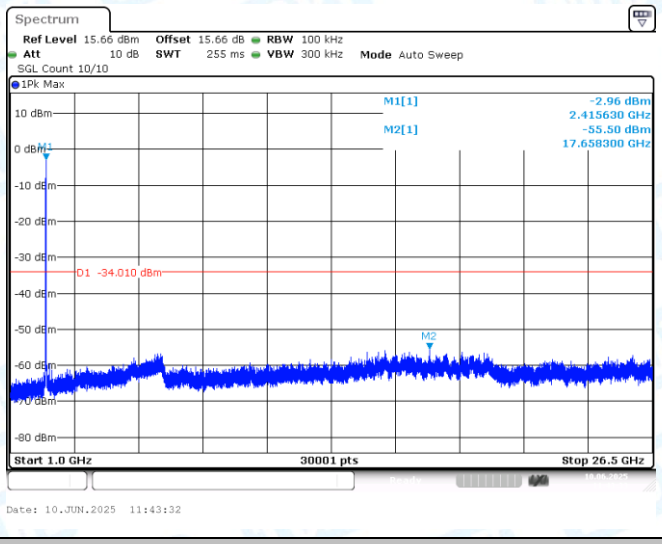

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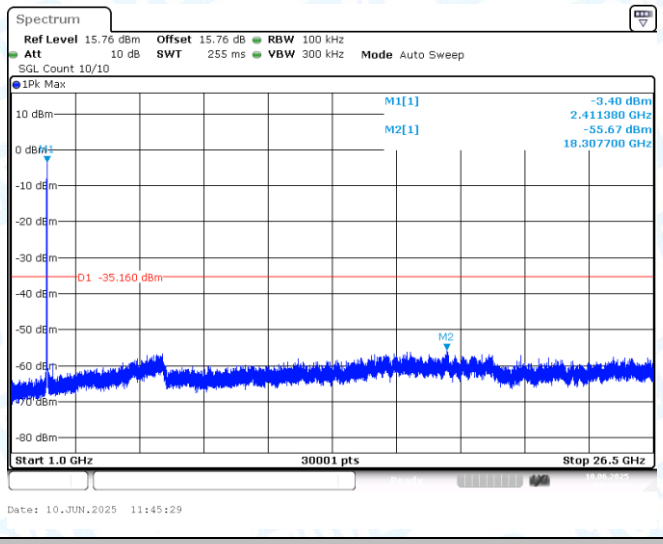

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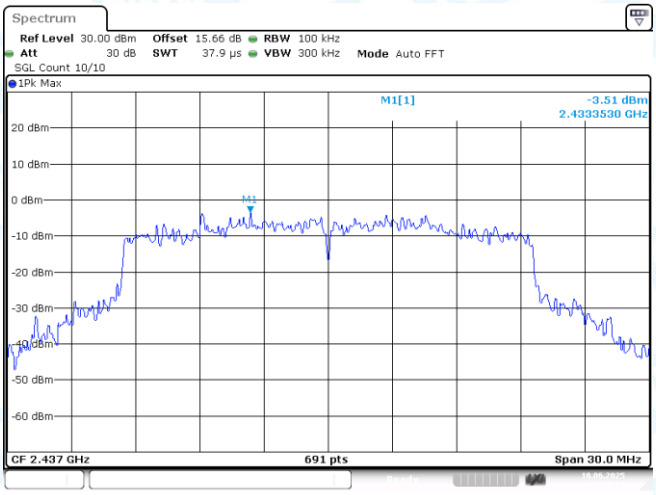

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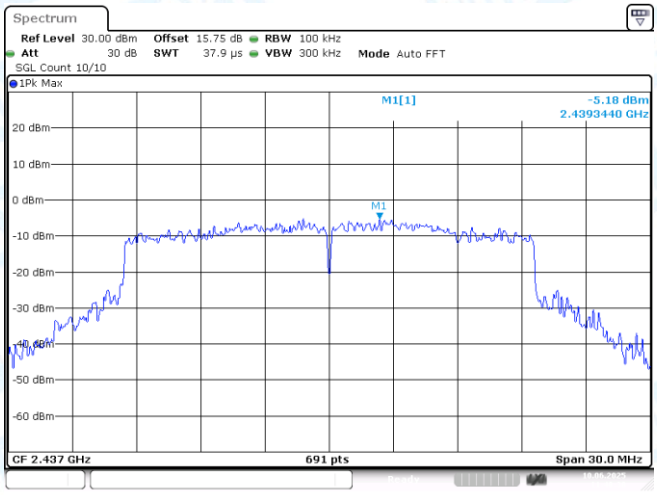

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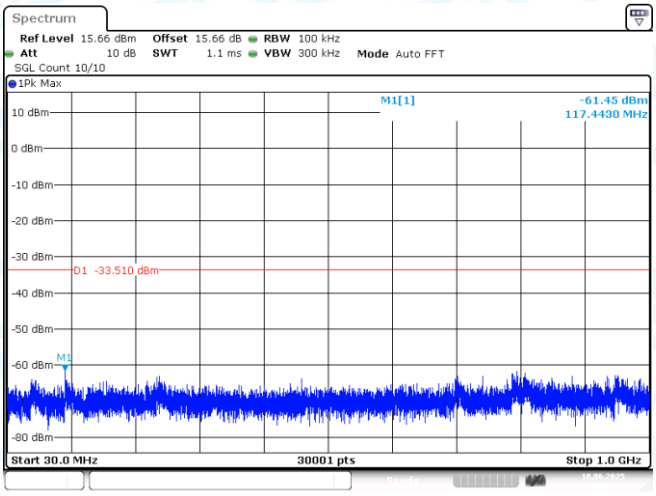

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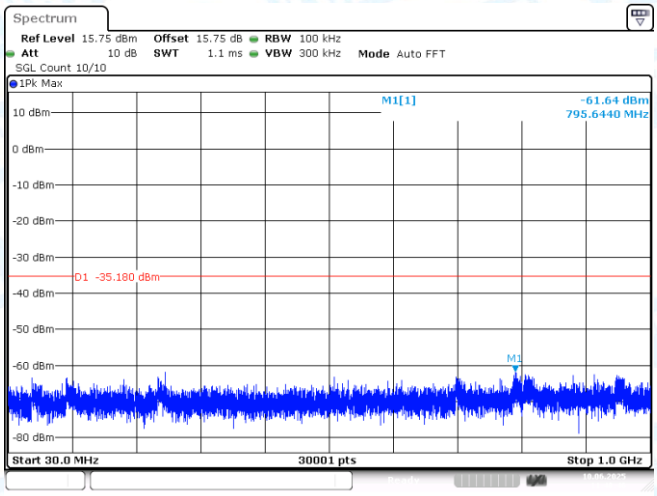
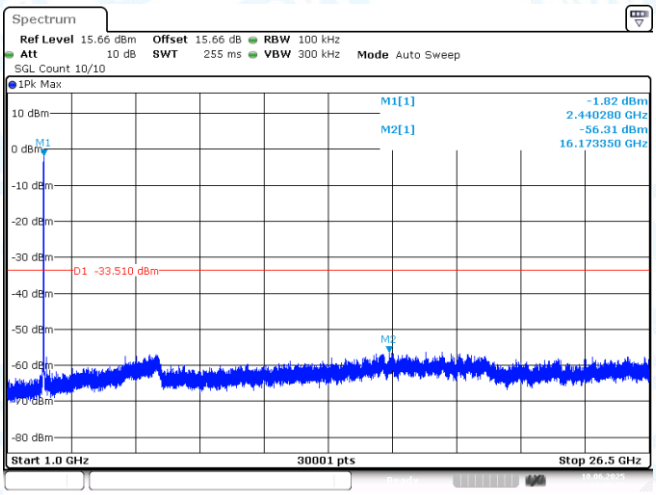
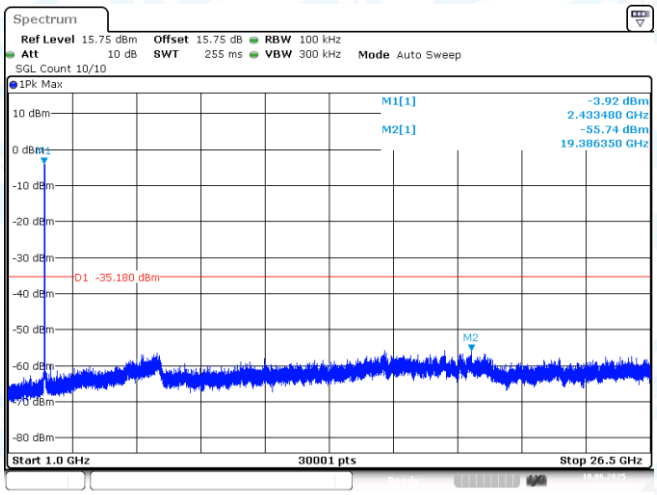


11AX20MIMO-Ant2-2437-30~1000-PASS



11AX20MIMO-Ant1-2437-1000~26500-PASS



11AX20MIMO-Ant2-2437-1000~26500-PASS