



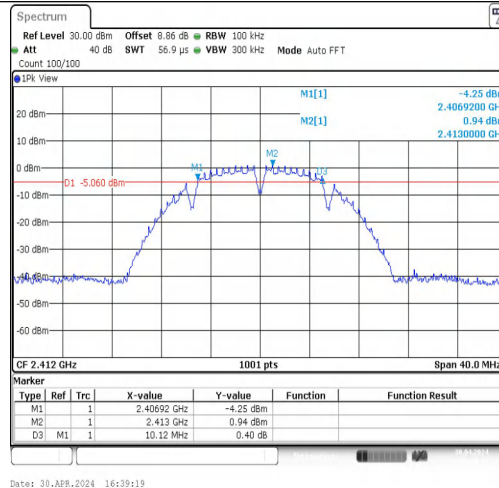
Appendix A: 6dB Bandwidth

Test Result

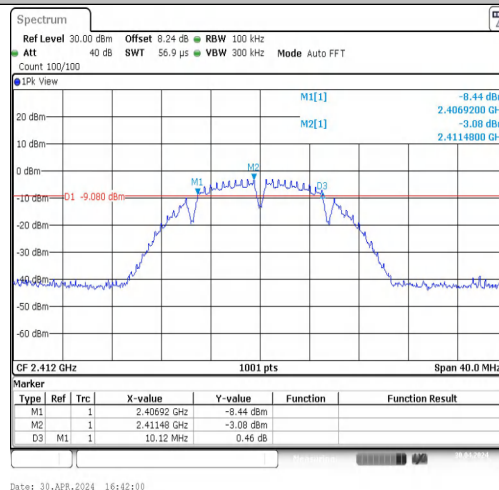
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	10.12	2406.92	2417.04	0.5	PASS
11B-CDD	Ant2	2412	10.12	2406.92	2417.04	0.5	PASS
11B-CDD	Ant1	2437	10.12	2431.92	2442.04	0.5	PASS
11B-CDD	Ant2	2437	10.12	2431.92	2442.04	0.5	PASS
11B-CDD	Ant1	2462	10.12	2456.92	2467.04	0.5	PASS
11B-CDD	Ant2	2462	10.12	2456.92	2467.04	0.5	PASS
11G-CDD	Ant1	2412	15.92	2404.20	2420.12	0.5	PASS
11G-CDD	Ant2	2412	16.36	2403.80	2420.16	0.5	PASS
11G-CDD	Ant1	2437	15.68	2429.20	2444.88	0.5	PASS
11G-CDD	Ant2	2437	16.28	2428.84	2445.12	0.5	PASS
11G-CDD	Ant1	2462	15.68	2454.20	2469.88	0.5	PASS
11G-CDD	Ant2	2462	16.28	2453.84	2470.12	0.5	PASS
11N20MIMO	Ant1	2412	17.56	2403.20	2420.76	0.5	PASS
11N20MIMO	Ant2	2412	16.28	2403.84	2420.12	0.5	PASS
11N20MIMO	Ant1	2437	17.56	2428.20	2445.76	0.5	PASS
11N20MIMO	Ant2	2437	16.88	2428.48	2445.36	0.5	PASS
11N20MIMO	Ant1	2462	16.28	2453.84	2470.12	0.5	PASS
11N20MIMO	Ant2	2462	16.52	2453.84	2470.36	0.5	PASS
11N40MIMO	Ant1	2422	35.20	2404.40	2439.60	0.5	PASS
11N40MIMO	Ant2	2422	35.52	2404.08	2439.60	0.5	PASS
11N40MIMO	Ant1	2437	36.40	2418.76	2455.16	0.5	PASS
11N40MIMO	Ant2	2437	36.40	2418.76	2455.16	0.5	PASS
11N40MIMO	Ant1	2452	36.40	2433.76	2470.16	0.5	PASS
11N40MIMO	Ant2	2452	36.40	2433.76	2470.16	0.5	PASS



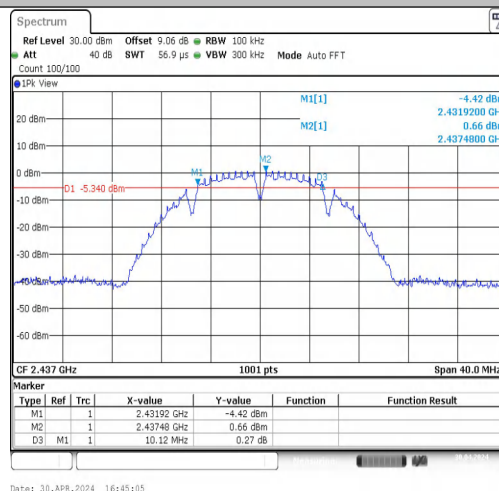
Test Graphs



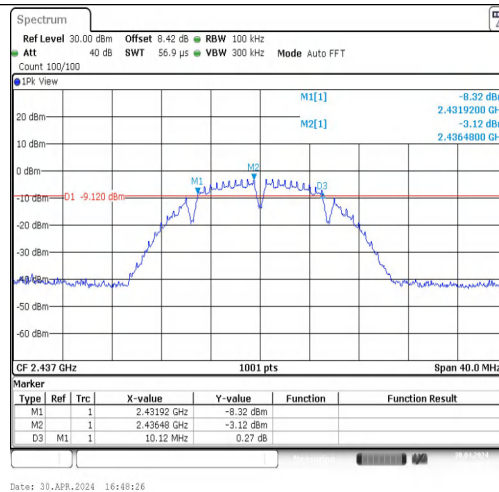
11B-CDD-Ant1-2412-PASS



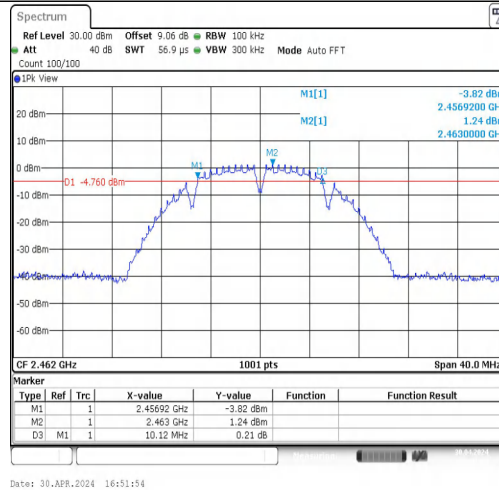
11B-CDD-Ant2-2412-PASS



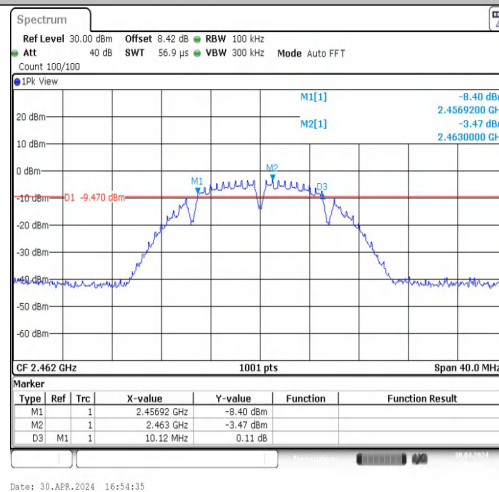
11B-CDD-Ant1-2437-PASS



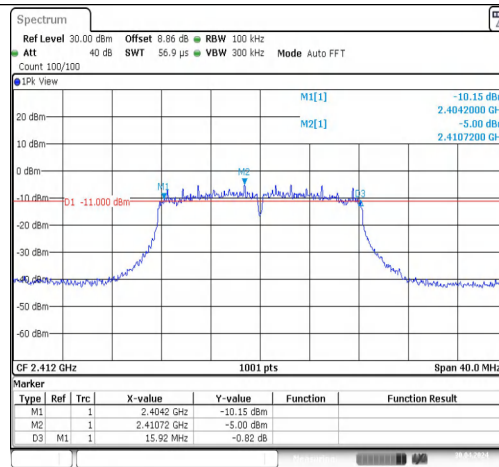
11B-CDD-Ant2-2437-PASS



11B-CDD-Ant1-2462-PASS

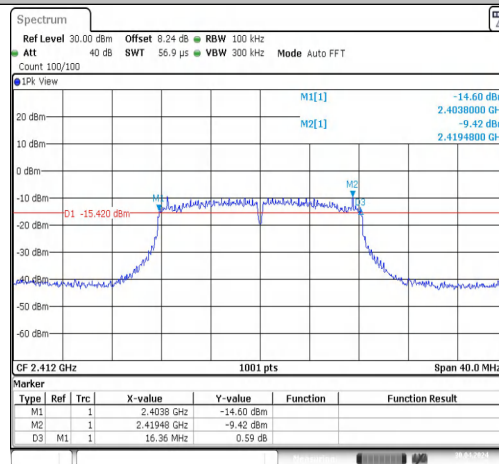


11B-CDD-Ant2-2462-PASS



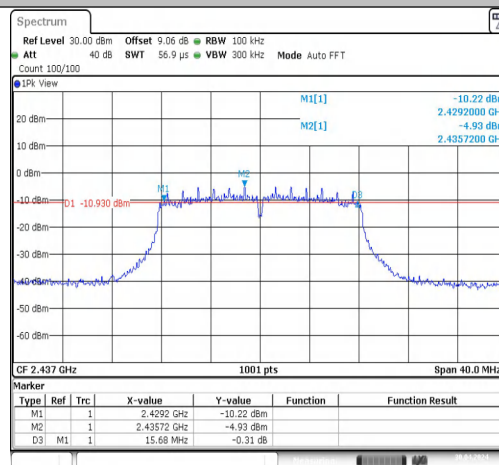
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11G-CDD-Ant1-2412-PASS



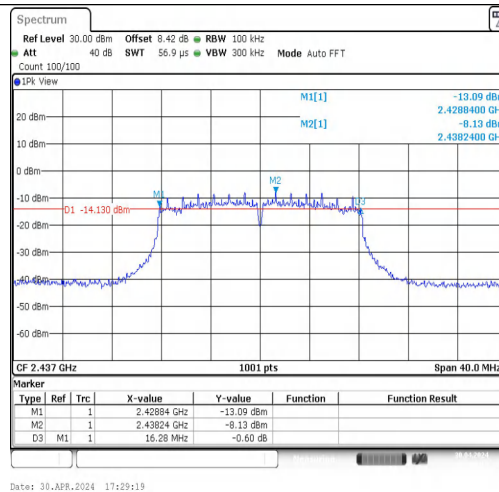
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11G-CDD-Ant2-2412-PASS

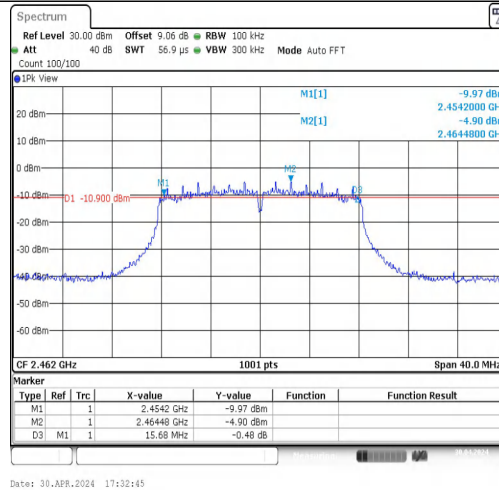


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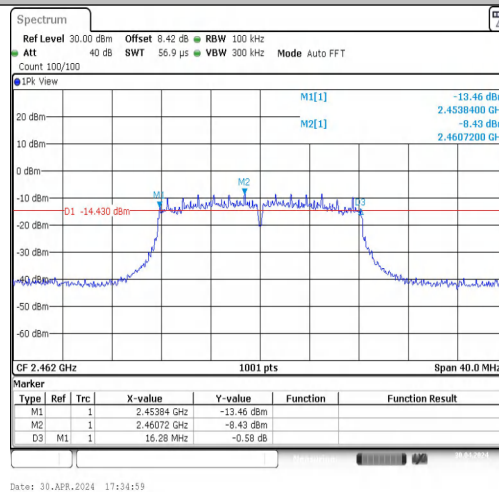
11G-CDD-Ant1-2437-PASS



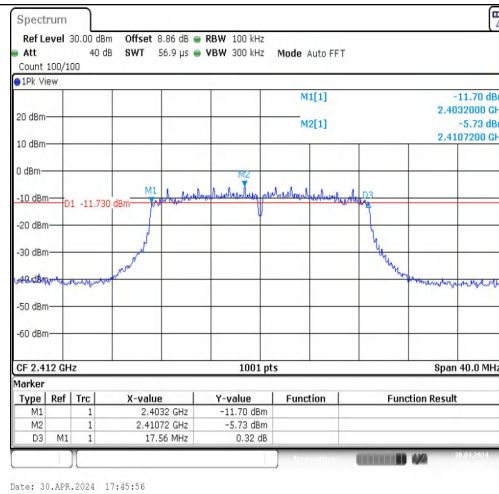
11G-CDD-Ant2-2437-PASS



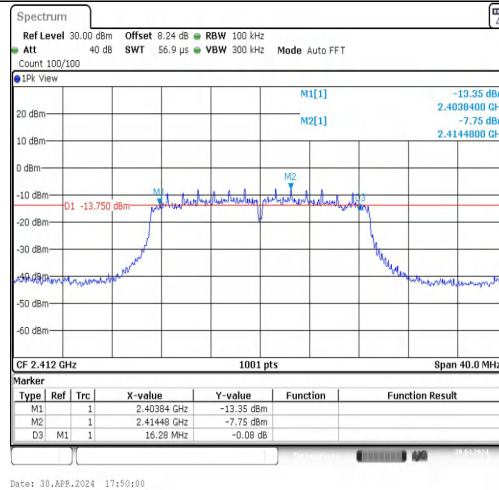
11G-CDD-Ant1-2462-PASS



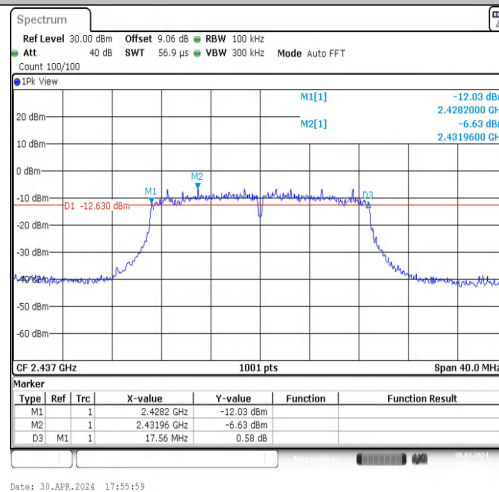
11G-CDD-Ant2-2462-PASS



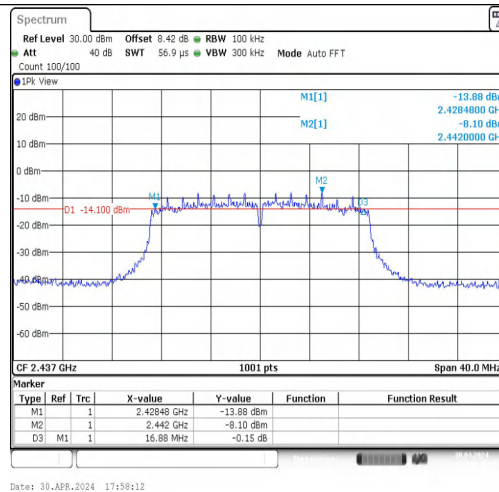
11N20MIMO-Ant1-2412-PASS



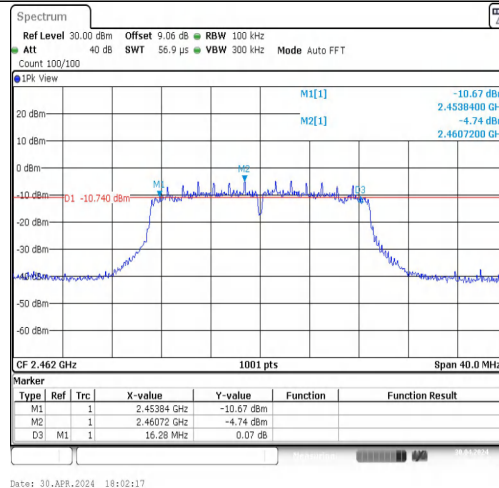
11N20MIMO-Ant2-2412-PASS



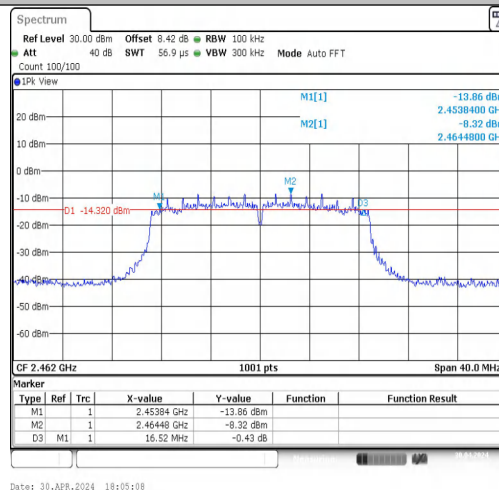
11N20MIMO-Ant1-2437-PASS



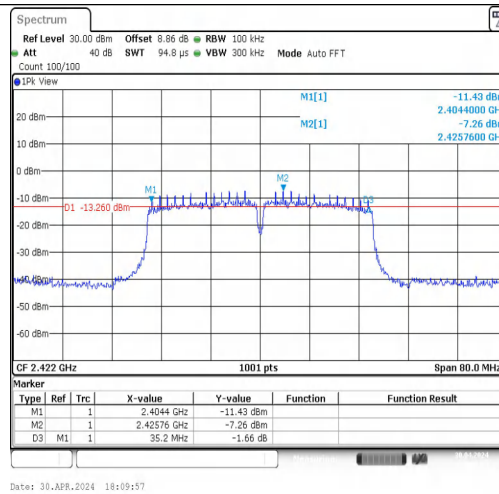
11N20MIMO-Ant2-2437-PASS



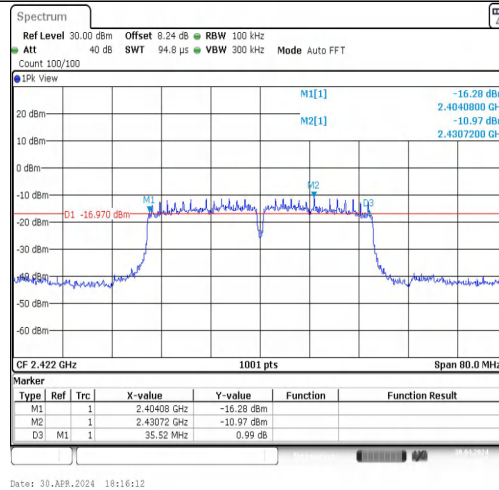
11N20MIMO-Ant1-2462-PASS



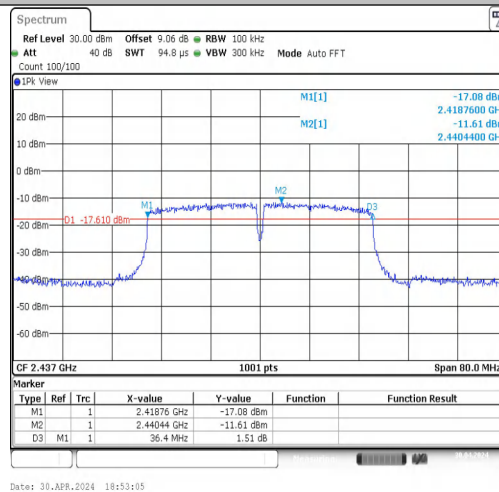
11N20MIMO-Ant2-2462-PASS



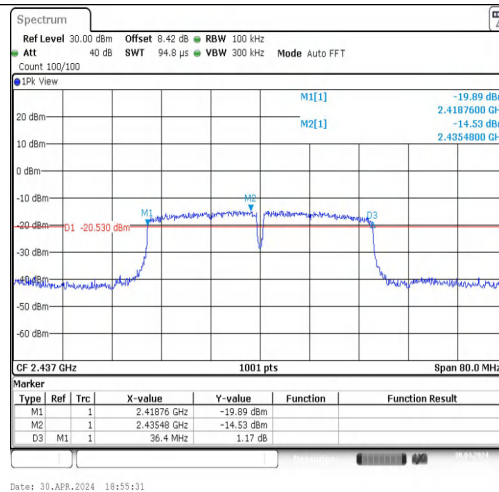
11N40MIMO-Ant1-2422-PASS



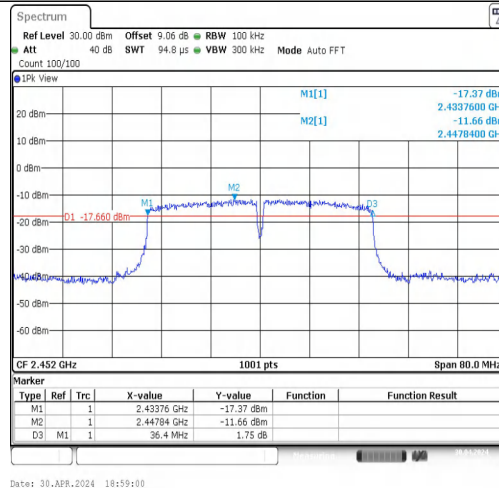
11N40MIMO-Ant2-2422-PASS



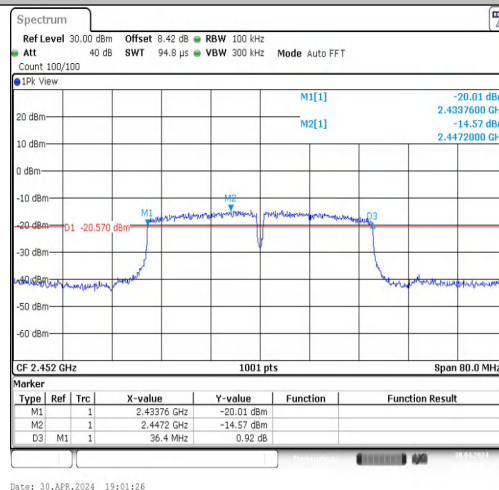
11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



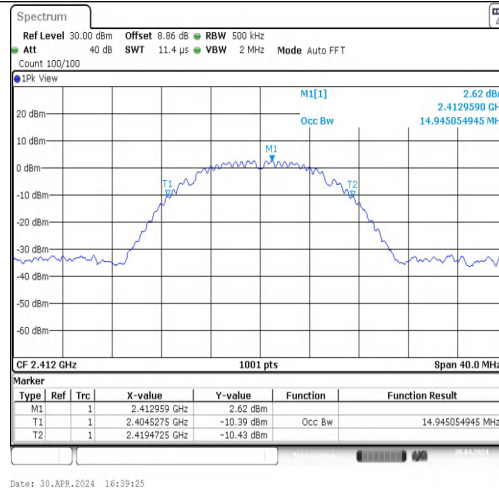
Appendix B: Occupied Channel Bandwidth

Test Result

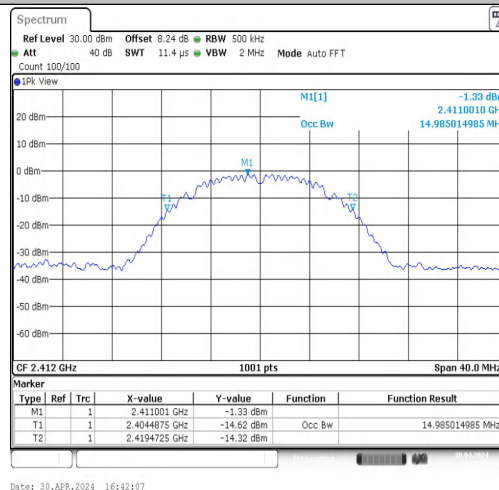
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	14.945	2404.5275	2419.4725	---	---
11B-CDD	Ant2	2412	14.985	2404.4875	2419.4725	---	---
11B-CDD	Ant1	2437	14.945	2429.5275	2444.4725	---	---
11B-CDD	Ant2	2437	15.025	2429.4875	2444.5125	---	---
11B-CDD	Ant1	2462	14.865	2454.5674	2469.4326	---	---
11B-CDD	Ant2	2462	15.025	2454.4875	2469.5125	---	---
11G-CDD	Ant1	2412	16.983	2403.5684	2420.5514	---	---
11G-CDD	Ant2	2412	16.743	2403.6084	2420.3516	---	---
11G-CDD	Ant1	2437	17.063	2428.4885	2445.5514	---	---
11G-CDD	Ant2	2437	16.903	2428.5285	2445.4316	---	---
11G-CDD	Ant1	2462	17.023	2453.5684	2470.5914	---	---
11G-CDD	Ant2	2462	16.823	2453.5684	2470.3916	---	---
11N20MIMO	Ant1	2412	18.182	2402.8092	2420.9910	---	---
11N20MIMO	Ant2	2412	18.302	2402.8092	2421.1109	---	---
11N20MIMO	Ant1	2437	18.022	2427.9690	2445.9910	---	---
11N20MIMO	Ant2	2437	17.982	2428.0490	2446.0310	---	---
11N20MIMO	Ant1	2462	17.982	2453.0490	2471.0310	---	---
11N20MIMO	Ant2	2462	18.022	2452.9291	2470.9510	---	---
11N40MIMO	Ant1	2422	36.444	2403.6184	2440.0619	---	---
11N40MIMO	Ant2	2422	36.603	2403.6184	2440.2218	---	---
11N40MIMO	Ant1	2437	36.364	2418.7782	2455.1419	---	---
11N40MIMO	Ant2	2437	36.683	2418.7782	2455.4615	---	---
11N40MIMO	Ant1	2452	36.603	2433.6184	2470.2218	---	---
11N40MIMO	Ant2	2452	36.683	2433.7782	2470.4615	---	---



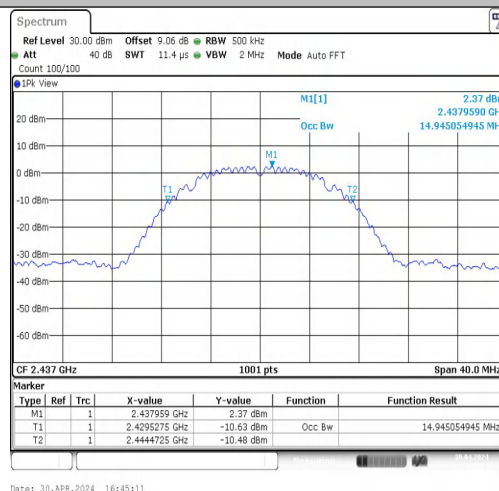
Test Graphs



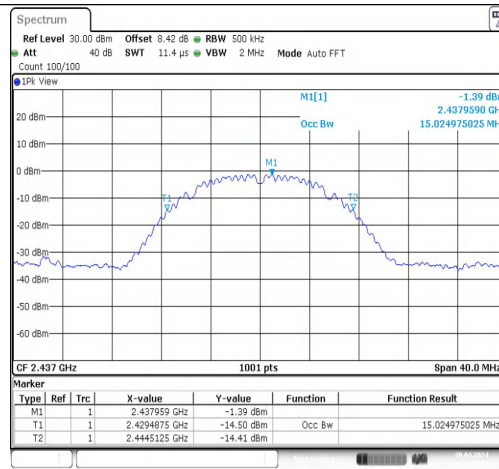
11B-CDD-Ant1-2412



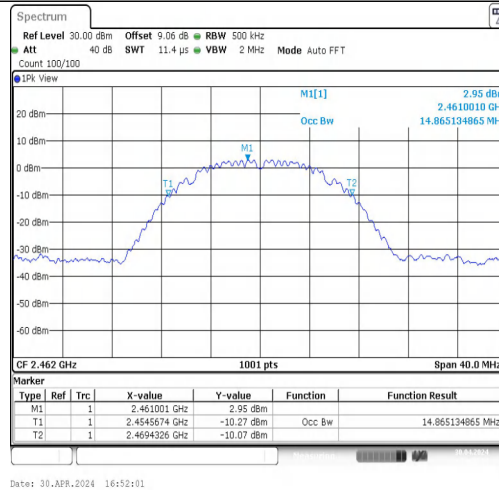
11B-CDD-Ant1-2412



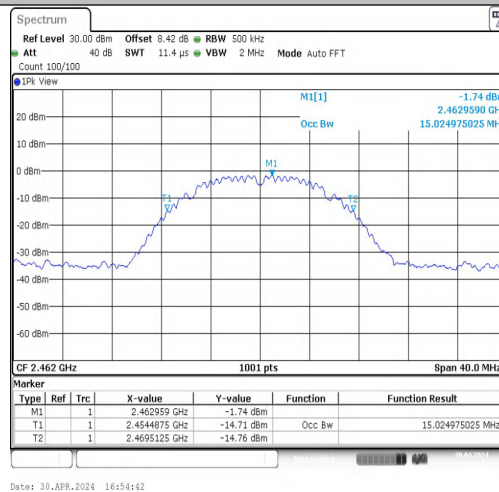
11B-CDD-Ant1-2437



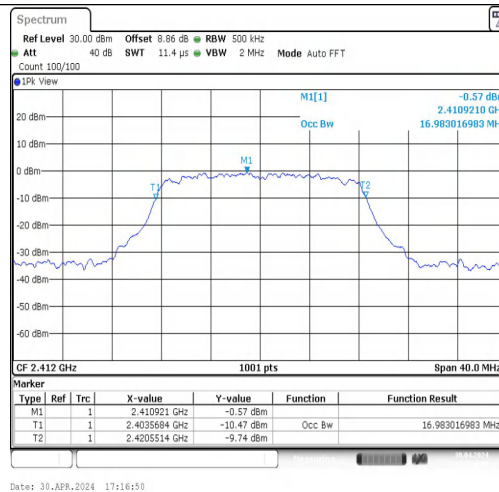
11B-CDD-Ant2-2437



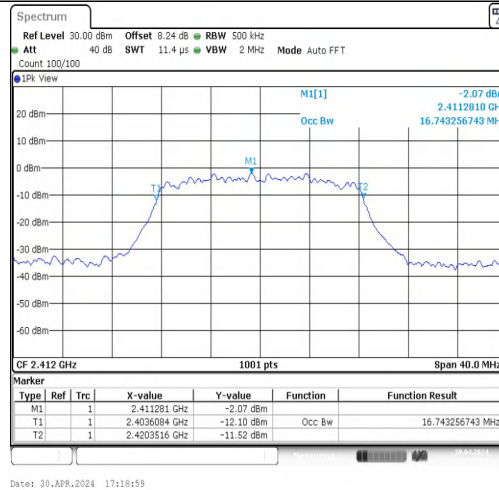
11B-CDD-Ant1-2462



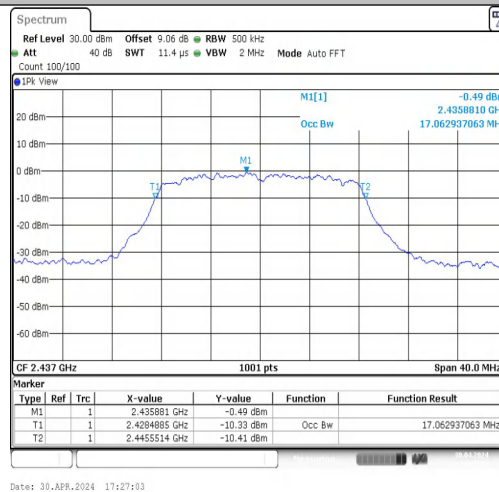
11B-CDD-Ant2-2462



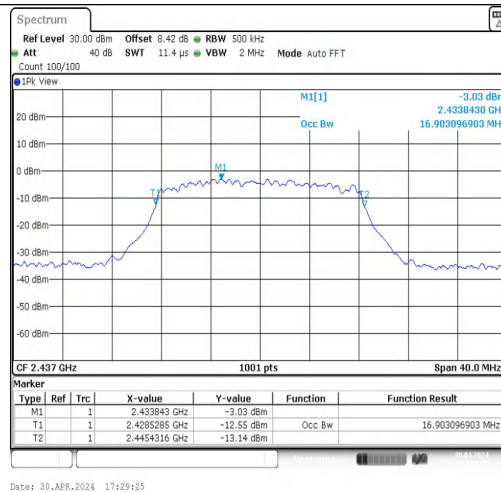
11G-CDD-Ant1-2412



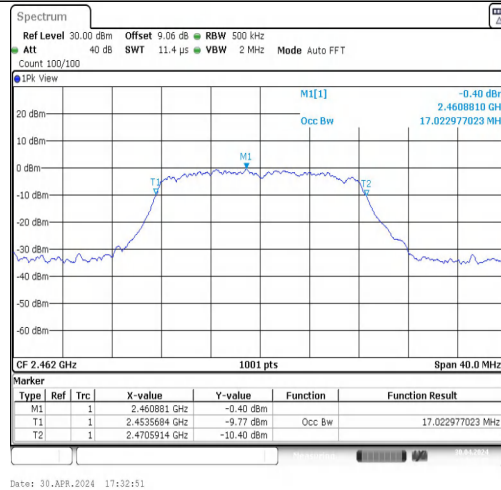
11G-CDD-Ant2-2412



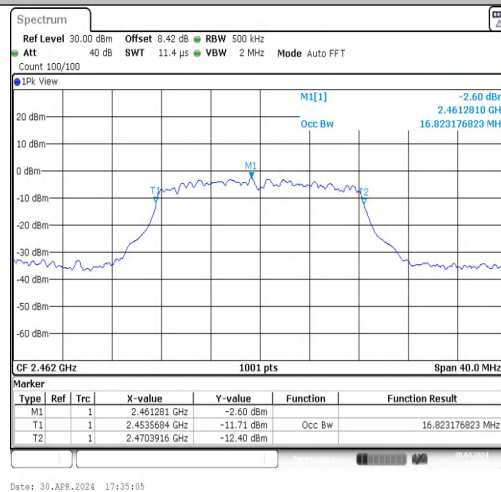
11G-CDD-Ant1-2437



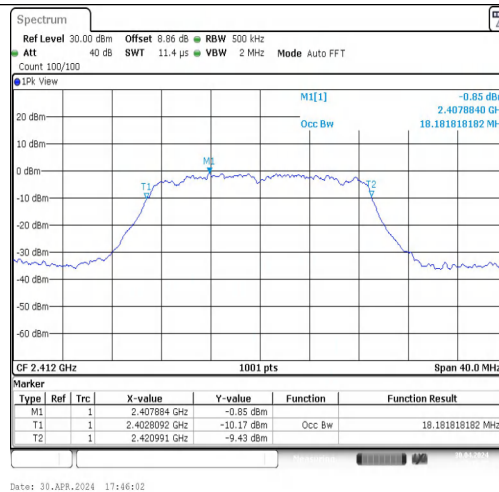
11G-CDD-Ant2-2437



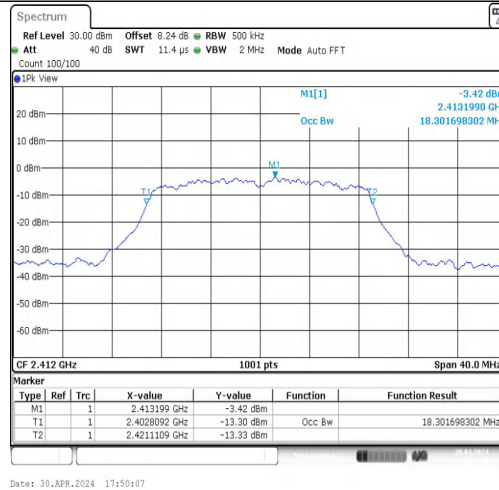
11G-CDD-Ant1-2462



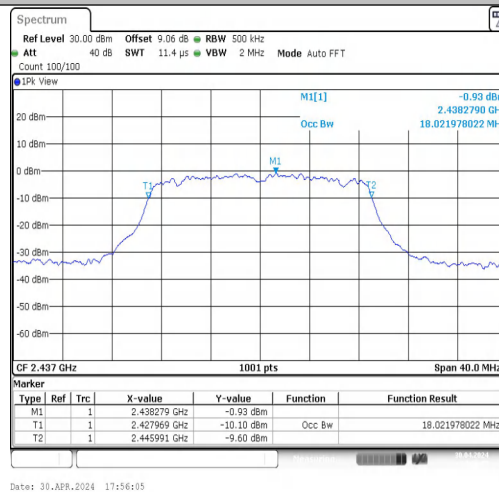
11G-CDD-Ant2-2462



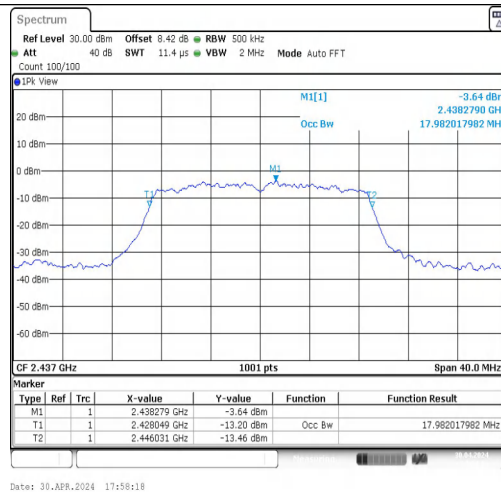
11N20MIMO-Ant1-2412



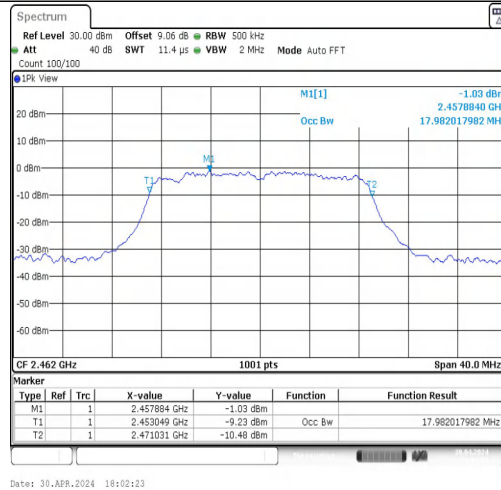
11N20MIMO-Ant2-2412



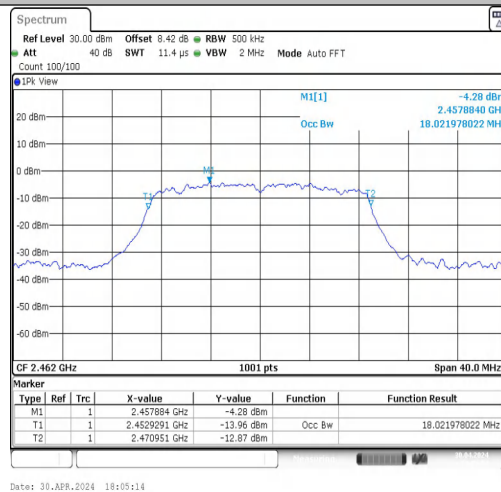
11N20MIMO-Ant1-2437



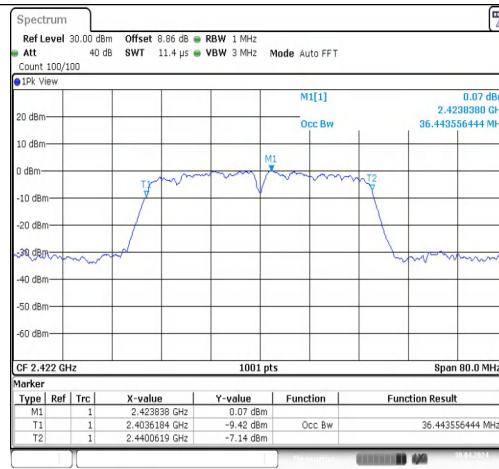
11N20MIMO-Ant2-2437



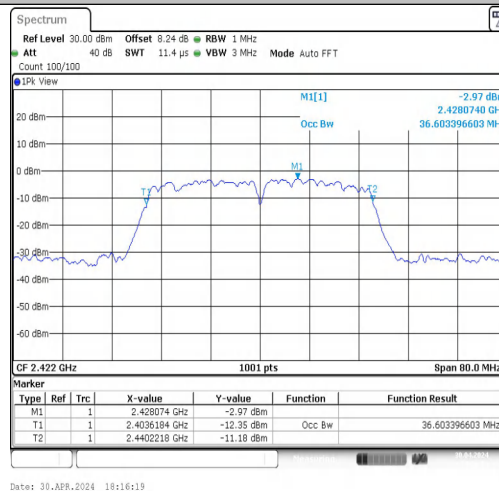
11N20MIMO-Ant1-2462



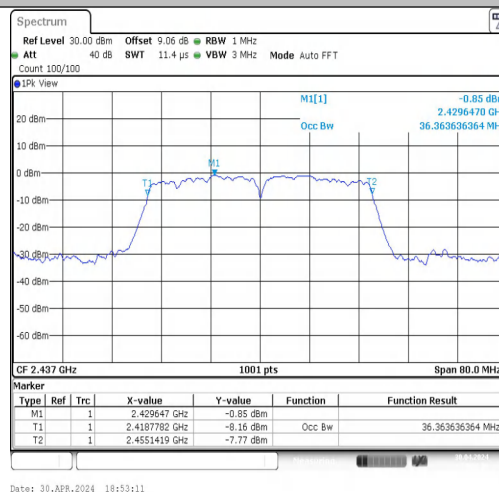
11N20MIMO-Ant2-2462



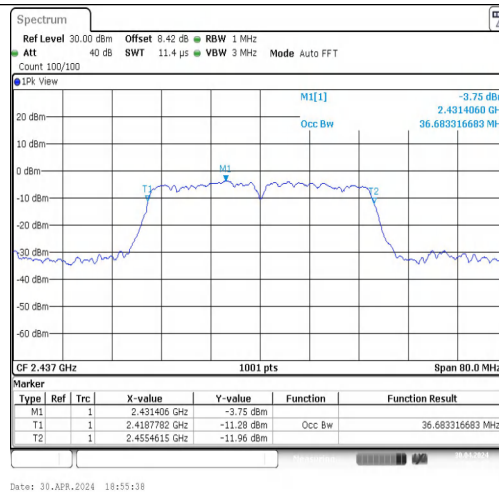
11N40MIMO-Ant1-2422



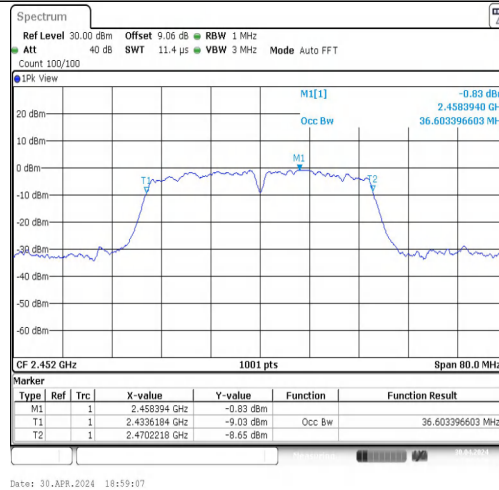
11N40MIMO-Ant2-2422



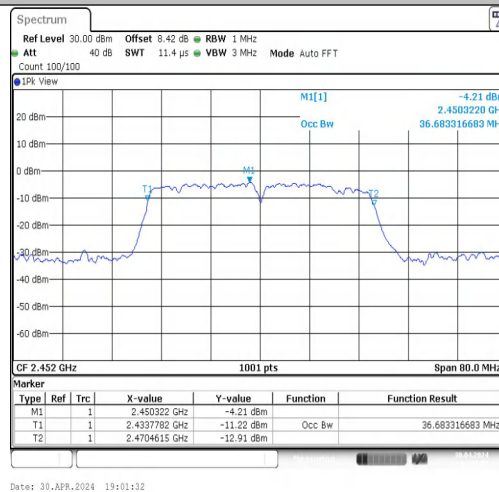
11N40MIMO-Ant1-2437



11N40MIMO-Ant2-2437



11N40MIMO-Ant1-2452



11N40MIMO-Ant2-2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B-CDD	Ant1	2412	14.22	≤30.00	2.19	16.41	--	PASS
11B-CDD	Ant2	2412	10.22	≤30.00	2.28	12.50	--	PASS
11B-CDD	total	2412	15.68	≤30.00	2.28	17.96	--	PASS
11B-CDD	Ant1	2437	13.99	≤30.00	2.19	16.18	--	PASS
11B-CDD	Ant2	2437	10.21	≤30.00	2.28	12.49	--	PASS
11B-CDD	total	2437	15.51	≤30.00	2.28	17.79	--	PASS
11B-CDD	Ant1	2462	14.55	≤30.00	2.19	16.74	--	PASS
11B-CDD	Ant2	2462	9.93	≤30.00	2.28	12.21	--	PASS
11B-CDD	total	2462	15.84	≤30.00	2.28	18.12	--	PASS
11G-CDD	Ant1	2412	13.86	≤30.00	2.19	16.05	--	PASS
11G-CDD	Ant2	2412	11.25	≤30.00	2.28	13.53	--	PASS
11G-CDD	total	2412	15.76	≤30.00	2.28	18.04	--	PASS
11G-CDD	Ant1	2437	13.41	≤30.00	2.19	15.60	--	PASS
11G-CDD	Ant2	2437	10.91	≤30.00	2.28	13.19	--	PASS
11G-CDD	total	2437	15.35	≤30.00	2.28	17.63	--	PASS
11G-CDD	Ant1	2462	13.57	≤30.00	2.19	15.76	--	PASS
11G-CDD	Ant2	2462	10.65	≤30.00	2.28	12.93	--	PASS
11G-CDD	total	2462	15.36	≤30.00	2.28	17.64	--	PASS
11N20MIMO	Ant1	2412	13.72	≤30.00	2.19	15.91	--	PASS
11N20MIMO	Ant2	2412	10.67	≤30.00	2.28	12.95	--	PASS
11N20MIMO	total	2412	15.47	≤30.00	2.28	17.75	--	PASS
11N20MIMO	Ant1	2437	13.54	≤30.00	2.19	15.73	--	PASS
11N20MIMO	Ant2	2437	10.54	≤30.00	2.28	12.82	--	PASS
11N20MIMO	total	2437	15.30	≤30.00	2.28	17.58	--	PASS
11N20MIMO	Ant1	2462	13.4	≤30.00	2.19	15.59	--	PASS
11N20MIMO	Ant2	2462	10.18	≤30.00	2.28	12.46	--	PASS
11N20MIMO	total	2462	15.09	≤30.00	2.28	17.37	--	PASS
11N40MIMO	Ant1	2422	13.87	≤30.00	2.19	16.06	--	PASS
11N40MIMO	Ant2	2422	10.99	≤30.00	2.28	13.27	--	PASS
11N40MIMO	total	2422	15.67	≤30.00	2.28	17.95	--	PASS
11N40MIMO	Ant1	2437	13.28	≤30.00	2.19	15.47	--	PASS
11N40MIMO	Ant2	2437	10.35	≤30.00	2.28	12.63	--	PASS
11N40MIMO	total	2437	15.07	≤30.00	2.28	17.35	--	PASS
11N40MIMO	Ant1	2452	13.34	≤30.00	2.19	15.53	--	PASS
11N40MIMO	Ant2	2452	10.10	≤30.00	2.28	12.38	--	PASS



11N40MIMO	total	2452	15.03	≤30.00	2.28	17.31	--	PASS
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Test Result Average

TestMode	Antenna	Frequency[MHz]	Average Power[dBm]	Limit[dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B-CDD	Ant1	2412	11.30	≤30.00	2.19	13.49	--	PASS
11B-CDD	Ant2	2412	8.55	≤30.00	2.28	10.83	--	PASS
11B-CDD	total	2412	13.15	≤30.00	2.28	15.43	--	PASS
11B-CDD	Ant1	2437	10.74	≤30.00	2.19	12.93	--	PASS
11B-CDD	Ant2	2437	8.32	≤30.00	2.28	10.60	--	PASS
11B-CDD	total	2437	12.71	≤30.00	2.28	14.99	--	PASS
11B-CDD	Ant1	2462	10.88	≤30.00	2.19	13.07	--	PASS
11B-CDD	Ant2	2462	7.86	≤30.00	2.28	10.14	--	PASS
11B-CDD	total	2462	12.64	≤30.00	2.28	14.92	--	PASS
11G-CDD	Ant1	2412	6.07	≤30.00	2.19	8.26	--	PASS
11G-CDD	Ant2	2412	4.56	≤30.00	2.28	6.84	--	PASS
11G-CDD	total	2412	8.39	≤30.00	2.28	10.67	--	PASS
11G-CDD	Ant1	2437	5.42	≤30.00	2.19	7.61	--	PASS
11G-CDD	Ant2	2437	4.00	≤30.00	2.28	6.28	--	PASS
11G-CDD	total	2437	7.78	≤30.00	2.28	10.06	--	PASS
11G-CDD	Ant1	2462	5.22	≤30.00	2.19	7.41	--	PASS
11G-CDD	Ant2	2462	3.68	≤30.00	2.28	5.96	--	PASS
11G-CDD	total	2462	7.53	≤30.00	2.28	9.81	--	PASS
11N20MIMO	Ant1	2412	6.05	≤30.00	2.19	8.24	--	PASS
11N20MIMO	Ant2	2412	4.49	≤30.00	2.28	6.77	--	PASS
11N20MIMO	total	2412	8.35	≤30.00	2.28	10.63	--	PASS
11N20MIMO	Ant1	2437	5.59	≤30.00	2.19	7.78	--	PASS
11N20MIMO	Ant2	2437	4.05	≤30.00	2.28	6.33	--	PASS
11N20MIMO	total	2437	7.90	≤30.00	2.28	10.18	--	PASS
11N20MIMO	Ant1	2462	5.22	≤30.00	2.19	7.41	--	PASS
11N20MIMO	Ant2	2462	3.68	≤30.00	2.28	5.96	--	PASS
11N20MIMO	total	2462	7.53	≤30.00	2.28	9.81	--	PASS
11N40MIMO	Ant1	2422	6.29	≤30.00	2.19	8.48	--	PASS
11N40MIMO	Ant2	2422	4.84	≤30.00	2.28	7.12	--	PASS
11N40MIMO	total	2422	8.64	≤30.00	2.28	10.92	--	PASS
11N40MIMO	Ant1	2437	5.25	≤30.00	2.19	7.44	--	PASS
11N40MIMO	Ant2	2437	3.76	≤30.00	2.28	6.04	--	PASS
11N40MIMO	total	2437	7.58	≤30.00	2.28	9.86	--	PASS
11N40MIMO	Ant1	2452	5.08	≤30.00	2.19	7.27	--	PASS
11N40MIMO	Ant2	2452	3.47	≤30.00	2.28	5.75	--	PASS
11N40MIMO	total	2452	7.36	≤30.00	2.28	9.64	--	PASS



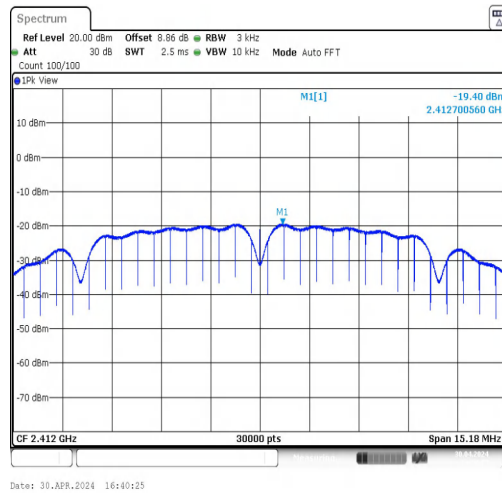
Appendix D: Maximum power spectral density

Test Result

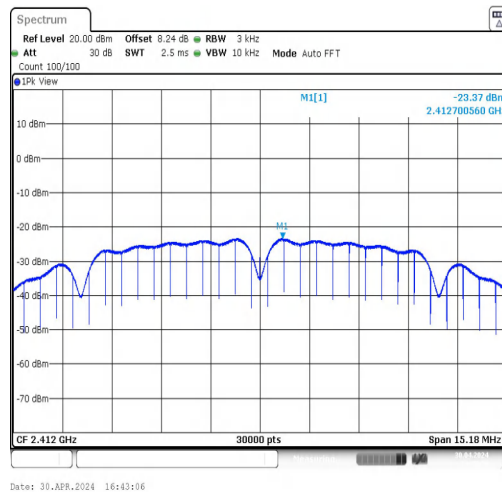
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-19.40	≤8.00	PASS
11B-CDD	Ant2	2412	-23.37	≤8.00	PASS
11B-CDD	total	2412	-17.94	≤8.00	PASS
11B-CDD	Ant1	2437	-19.80	≤8.00	PASS
11B-CDD	Ant2	2437	-23.52	≤8.00	PASS
11B-CDD	total	2437	-18.26	≤8.00	PASS
11B-CDD	Ant1	2462	-19.15	≤8.00	PASS
11B-CDD	Ant2	2462	-23.82	≤8.00	PASS
11B-CDD	total	2462	-17.88	≤8.00	PASS
11G-CDD	Ant1	2412	-22.04	≤8.00	PASS
11G-CDD	Ant2	2412	-25.27	≤8.00	PASS
11G-CDD	total	2412	-20.35	≤8.00	PASS
11G-CDD	Ant1	2437	-22.55	≤8.00	PASS
11G-CDD	Ant2	2437	-25.73	≤8.00	PASS
11G-CDD	total	2437	-20.84	≤8.00	PASS
11G-CDD	Ant1	2462	-22.35	≤8.00	PASS
11G-CDD	Ant2	2462	-25.96	≤8.00	PASS
11G-CDD	total	2462	-20.78	≤8.00	PASS
11N20MIMO	Ant1	2412	-20.98	≤8.00	PASS
11N20MIMO	Ant2	2412	-23.92	≤8.00	PASS
11N20MIMO	total	2412	-19.20	≤8.00	PASS
11N20MIMO	Ant1	2437	-21.50	≤8.00	PASS
11N20MIMO	Ant2	2437	-24.41	≤8.00	PASS
11N20MIMO	total	2437	-19.71	≤8.00	PASS
11N20MIMO	Ant1	2462	-21.23	≤8.00	PASS
11N20MIMO	Ant2	2462	-24.55	≤8.00	PASS
11N20MIMO	total	2462	-19.57	≤8.00	PASS
11N40MIMO	Ant1	2422	-22.25	≤8.00	PASS
11N40MIMO	Ant2	2422	-25.18	≤8.00	PASS
11N40MIMO	total	2422	-20.46	≤8.00	PASS
11N40MIMO	Ant1	2437	-22.99	≤8.00	PASS
11N40MIMO	Ant2	2437	-25.56	≤8.00	PASS
11N40MIMO	total	2437	-21.08	≤8.00	PASS
11N40MIMO	Ant1	2452	-22.62	≤8.00	PASS
11N40MIMO	Ant2	2452	-25.77	≤8.00	PASS
11N40MIMO	total	2452	-20.91	≤8.00	PASS



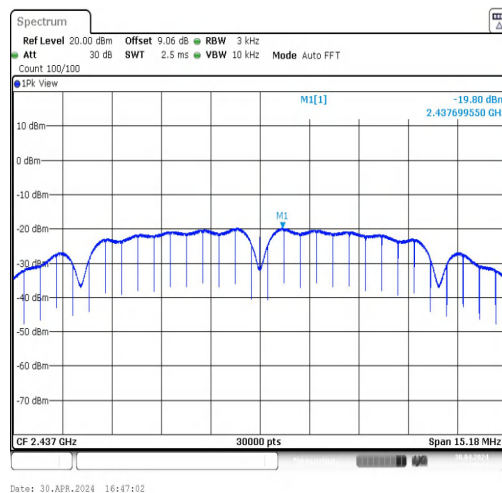
Test Graphs



11B-CDD-Ant1-2412-PASS

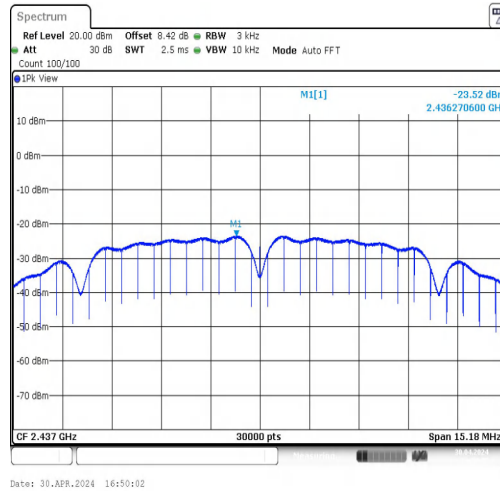


11B-CDD-Ant2-2412-PASS

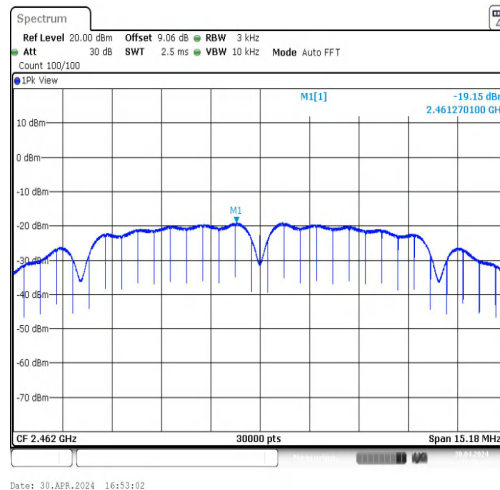




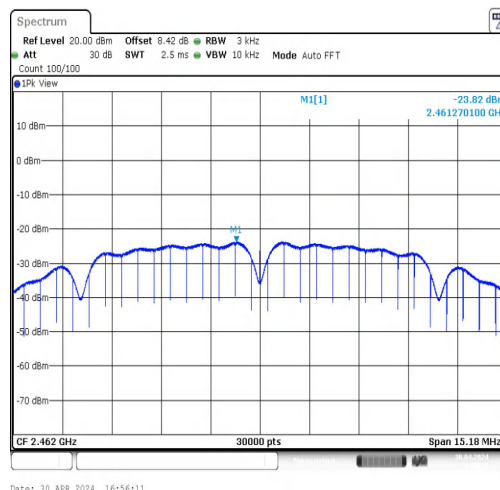
11B-CDD-Ant1-2437-PASS



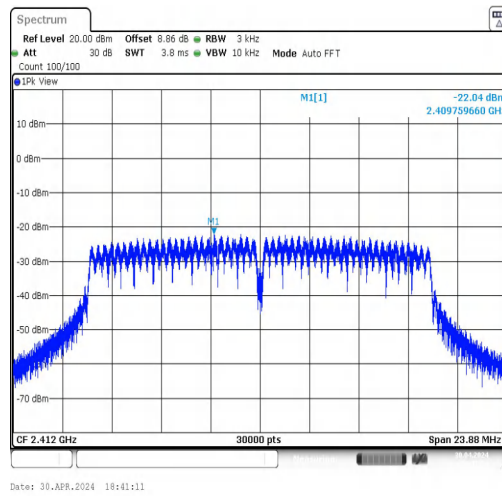
11B-CDD-Ant2-2437-PASS



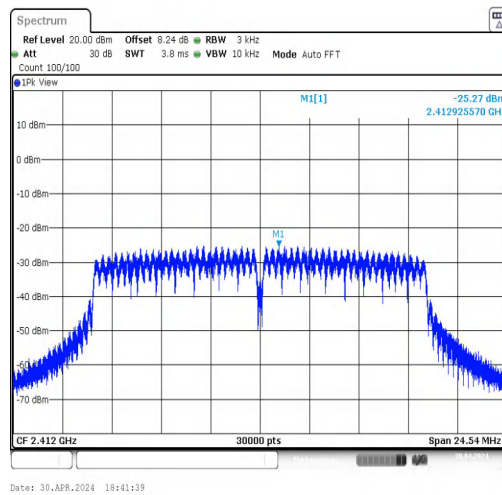
11B-CDD-Ant1-2462-PASS



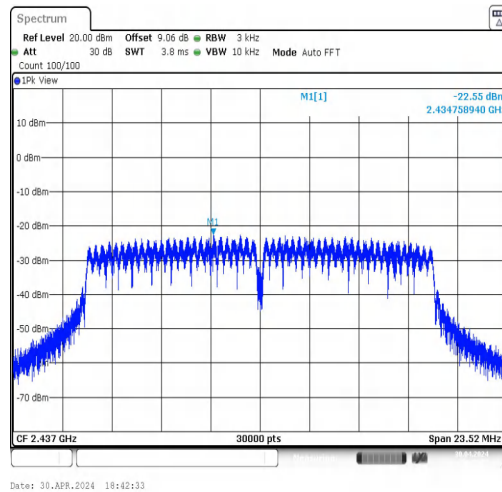
11B-CDD-Ant2-2462-PASS



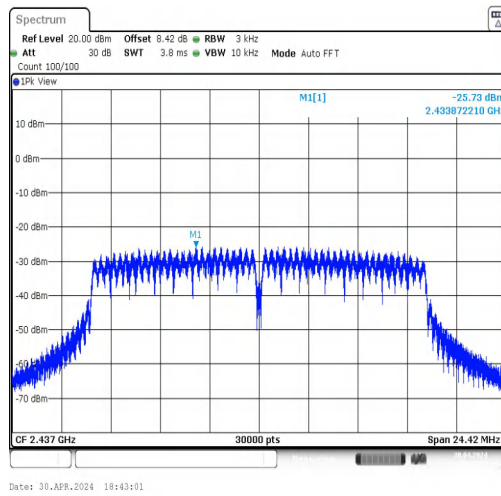
11G-CDD-Ant1-2412-PASS



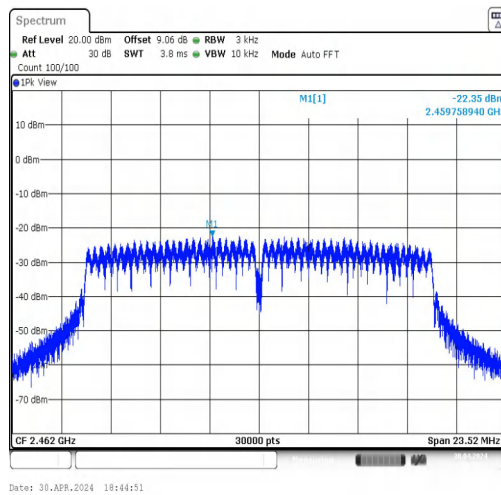
11G-CDD-Ant2-2412-PASS



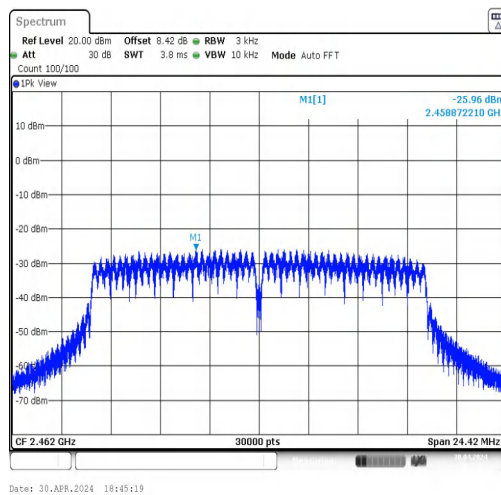
11G-CDD-Ant1-2437-PASS



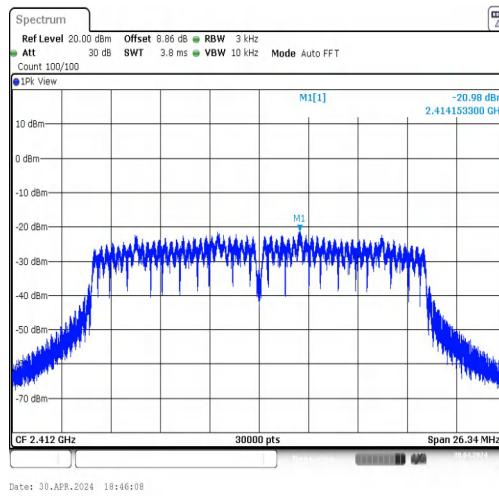
11G-CDD-Ant2-2437-PASS



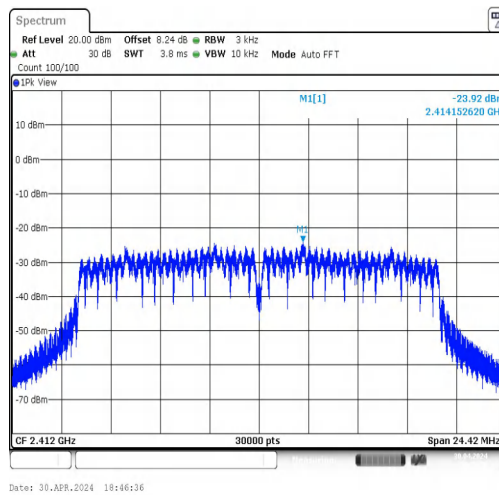
11G-CDD-Ant1-2462-PASS



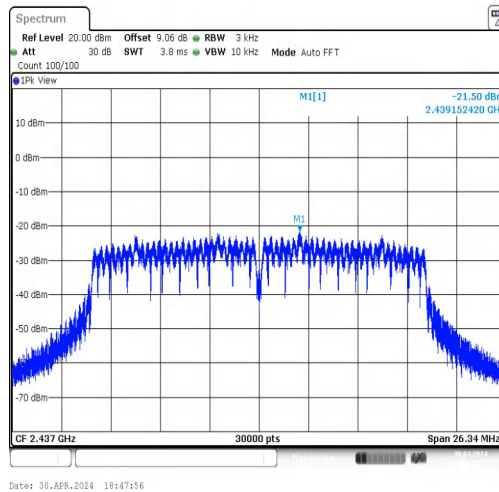
11G-CDD-Ant2-2462-PASS



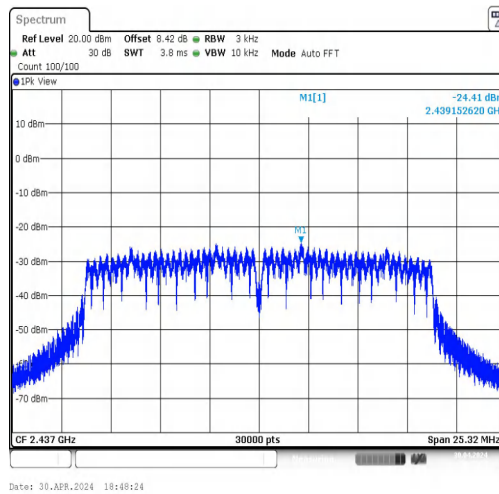
11N20MIMO-Ant1-2412-PASS



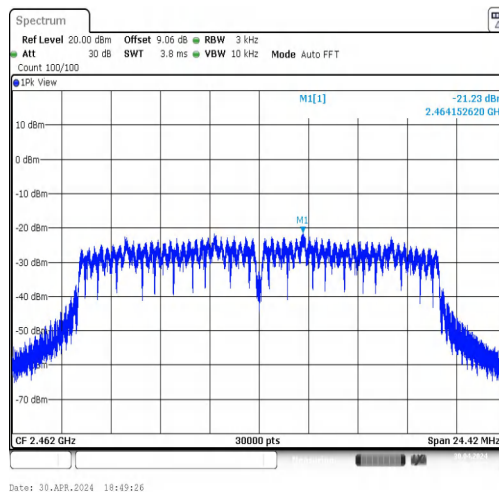
11N20MIMO-Ant2-2412-PASS



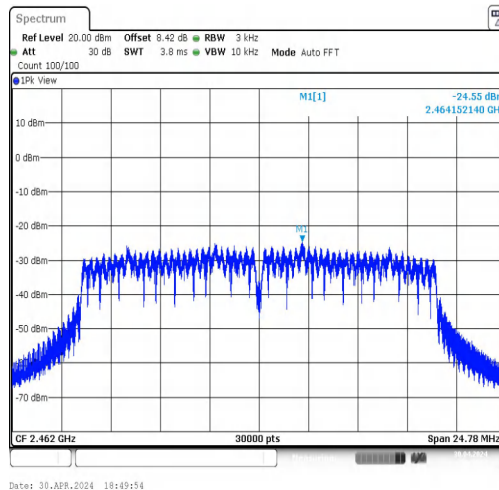
11N20MIMO-Ant1-2437-PASS



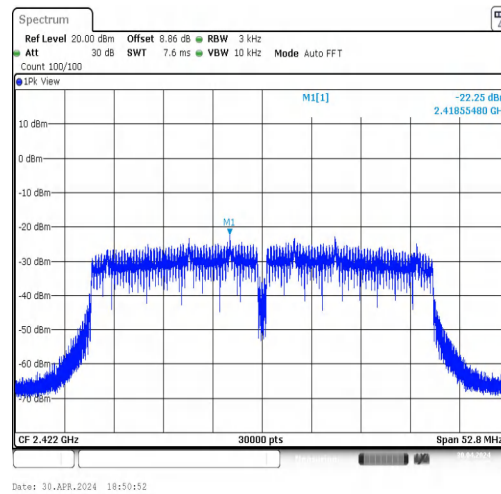
11N20MIMO-Ant2-2437-PASS



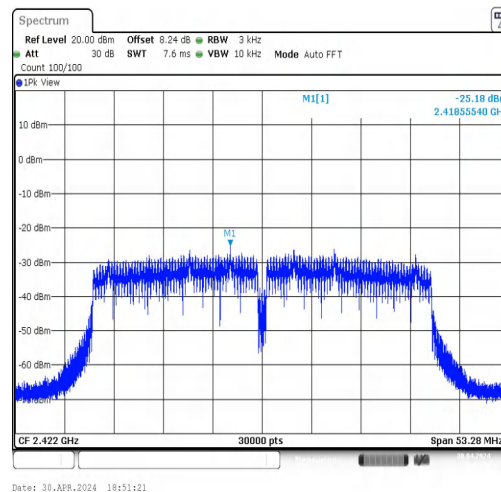
11N20MIMO-Ant1-2462-PASS



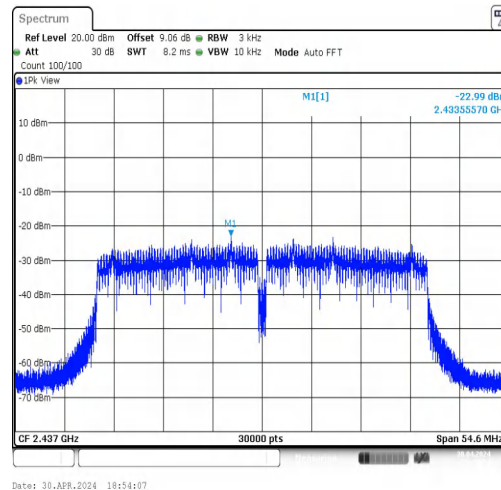
11N20MIMO-Ant2-2462-PASS



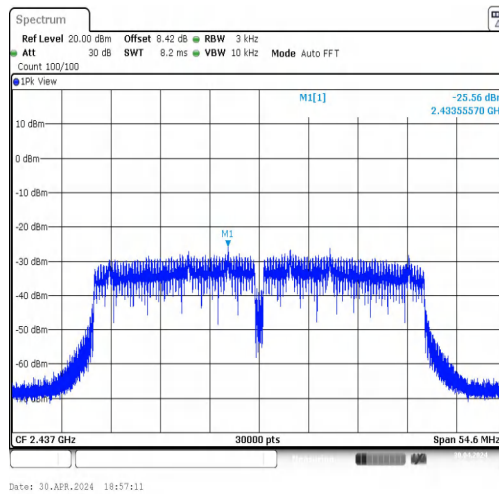
11N40MIMO-Ant1-2422-PASS



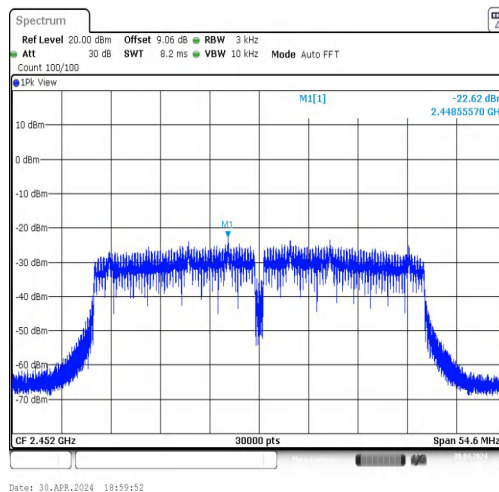
11N40MIMO-Ant2-2422-PASS



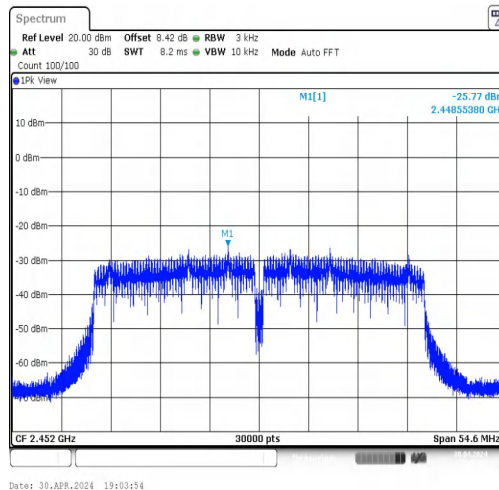
11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



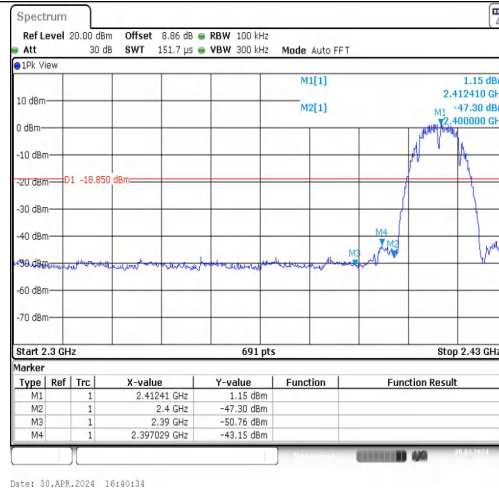
Appendix E: Band edge measurements

Test Result

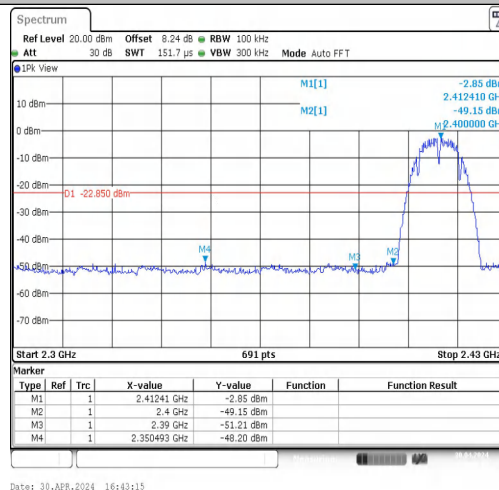
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	1.15	-43.15	≤ -18.85	PASS
11B-CDD	Ant2	Low	2412	-2.85	-48.2	≤ -22.85	PASS
11B-CDD	Ant1	High	2462	1.48	-47.08	≤ -18.52	PASS
11B-CDD	Ant2	High	2462	-3.20	-47.8	≤ -23.2	PASS
11G-CDD	Ant1	Low	2412	-4.47	-43.07	≤ -24.47	PASS
11G-CDD	Ant2	Low	2412	-7.40	-46.27	≤ -27.4	PASS
11G-CDD	Ant1	High	2462	-4.71	-46.9	≤ -24.71	PASS
11G-CDD	Ant2	High	2462	-8.68	-47.82	≤ -28.68	PASS
11N20MIMO	Ant1	Low	2412	-4.36	-41.62	≤ -24.36	PASS
11N20MIMO	Ant2	Low	2412	-7.56	-44.85	≤ -27.56	PASS
11N20MIMO	Ant1	High	2462	-4.45	-47.41	≤ -24.45	PASS
11N20MIMO	Ant2	High	2462	-9.90	-47.84	≤ -29.9	PASS
11N40MIMO	Ant1	Low	2422	-7.14	-45.67	≤ -27.14	PASS
11N40MIMO	Ant2	Low	2422	-9.50	-47.05	≤ -29.5	PASS
11N40MIMO	Ant1	High	2452	-11.34	-47.46	≤ -31.34	PASS
11N40MIMO	Ant2	High	2452	-14.48	-48.16	≤ -34.48	PASS



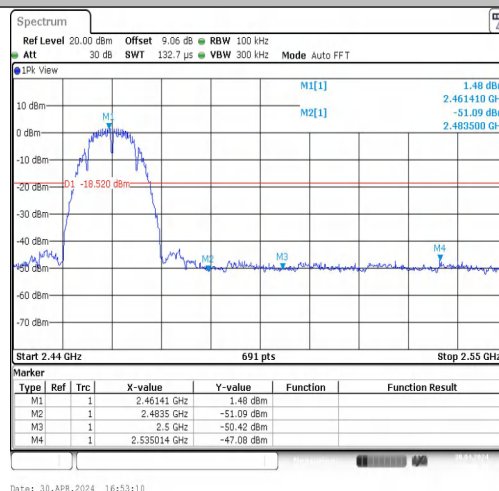
Test Graphs



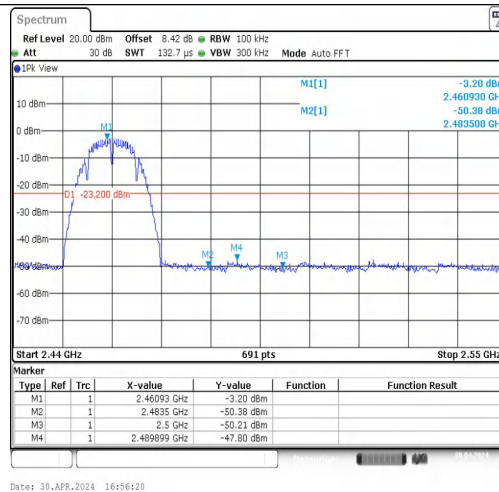
11B-CDD-Ant1-2412-PASS



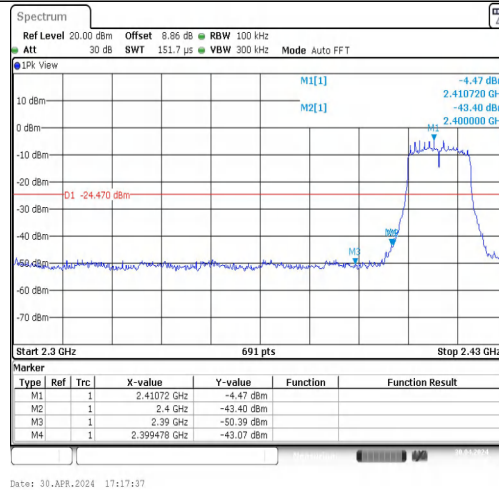
11B-CDD-Ant2-2412-PASS



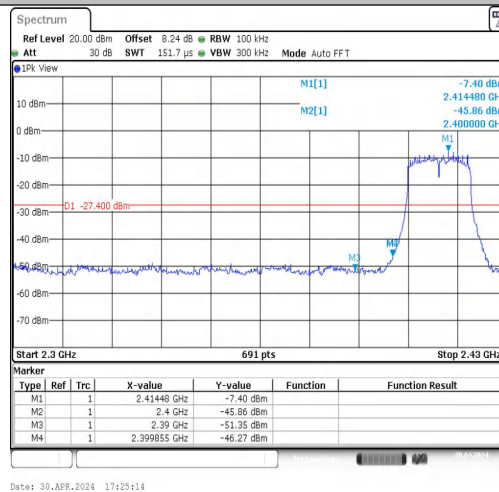
11B-CDD-Ant1-2462-PASS



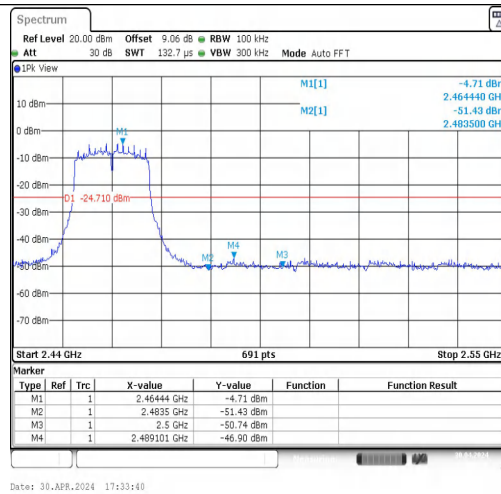
11B-CDD-Ant2-2462-PASS



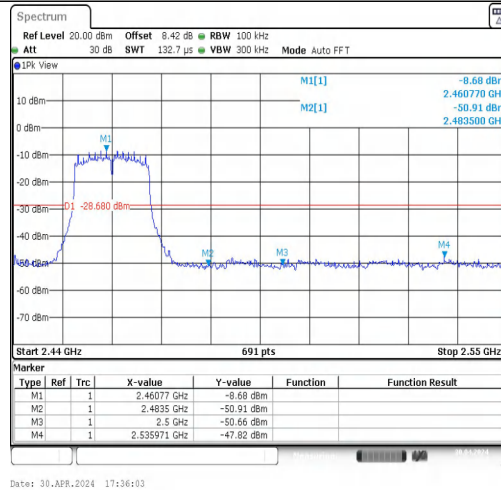
11G-CDD-Ant1-2412-PASS



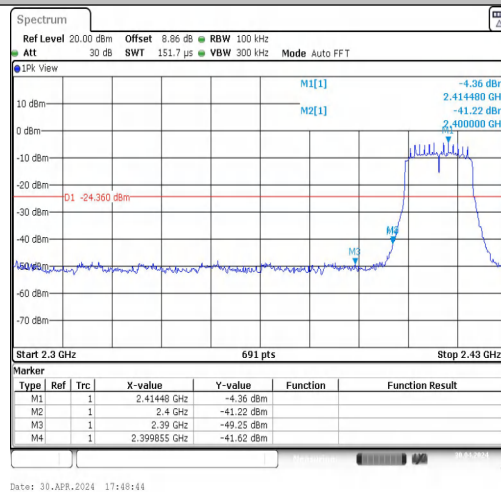
11G-CDD-Ant2-2412-PASS



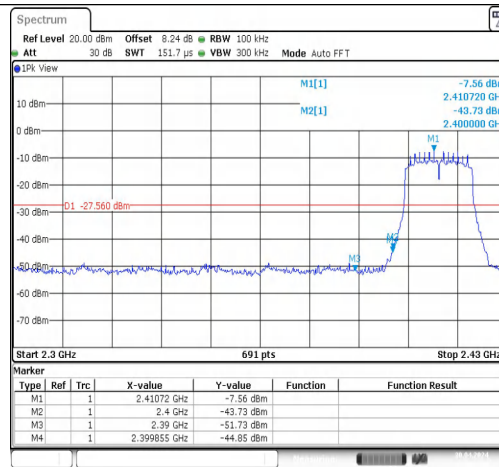
11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-PASS

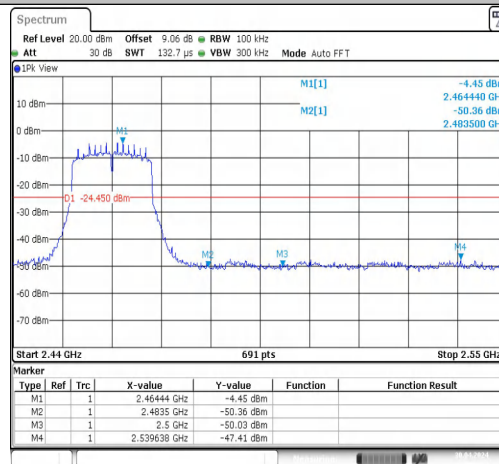


11N20MIMO-Ant1-2412-PASS



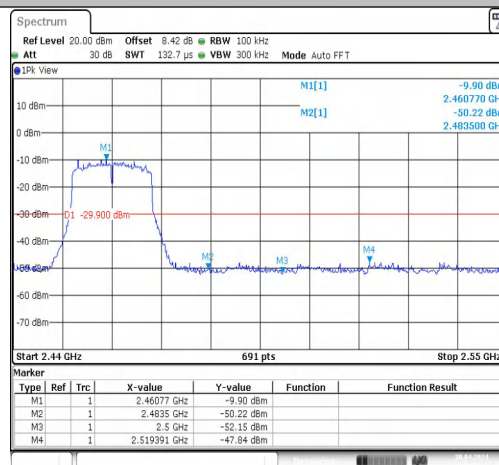
Date: 30.APR.2024 17:52:31

11N20MIMO-Ant2-2412-PASS



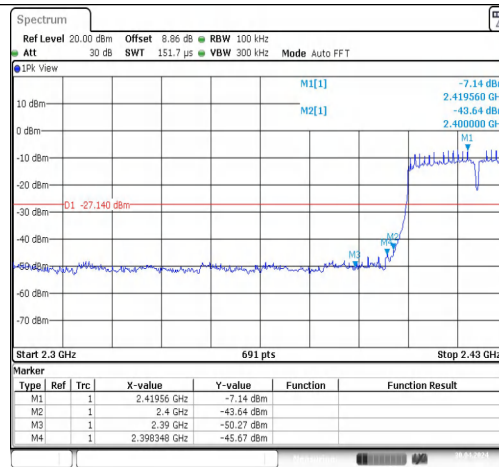
Date: 30.APR.2024 18:03:49

11N20MIMO-Ant1-2462-PASS

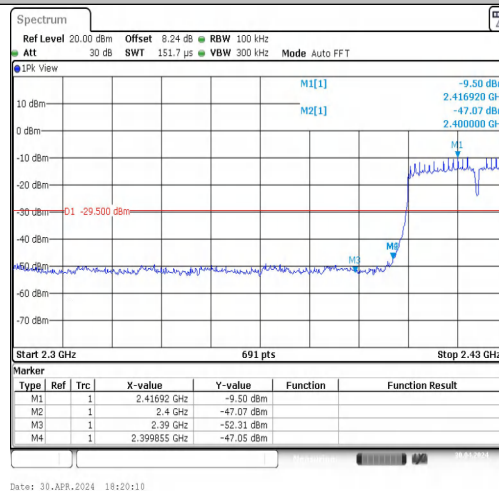


Date: 30.APR.2024 18:08:10

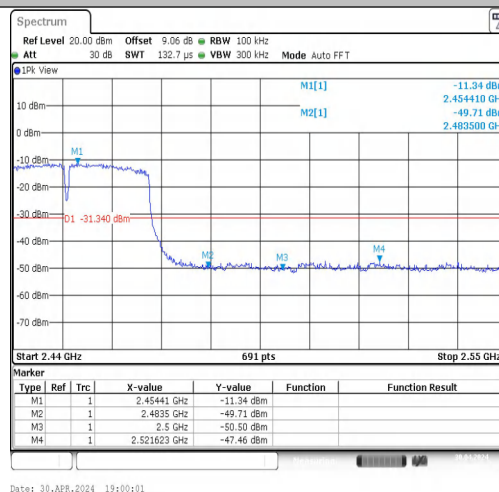
11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS