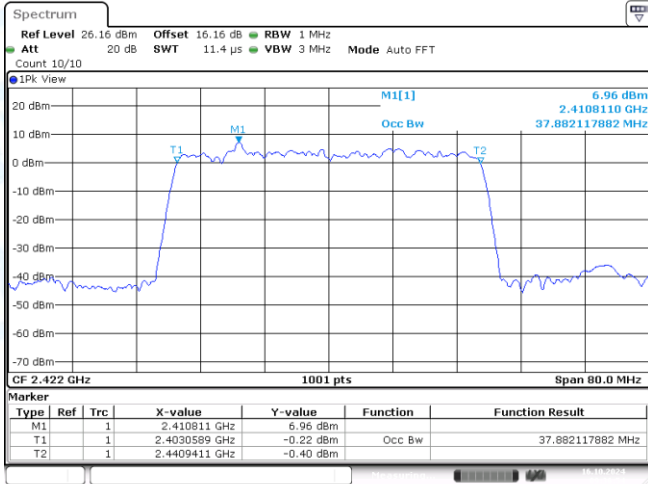
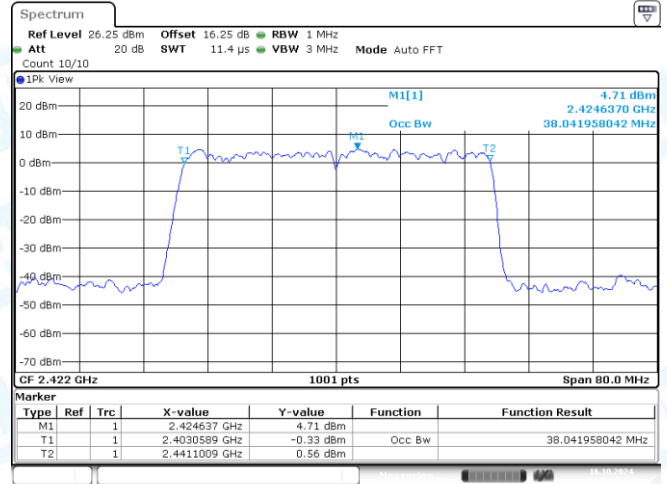




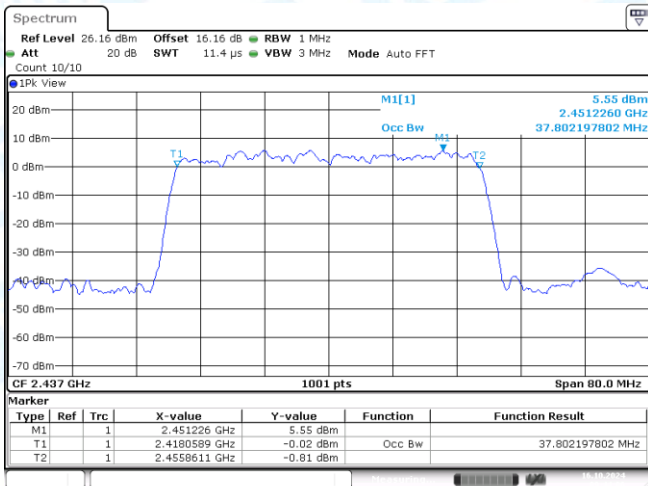
Date: 16.OCT.2024 09:36:53

11AX40MIMO-Ant1-2422



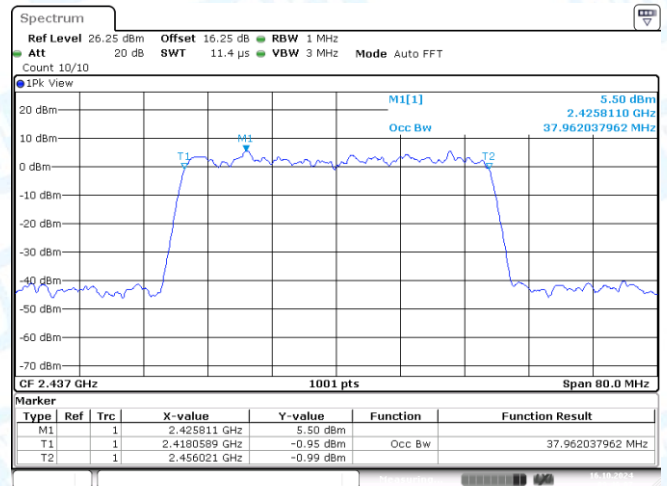
Date: 16.OCT.2024 09:40:03

11AX40MIMO-Ant2-2422



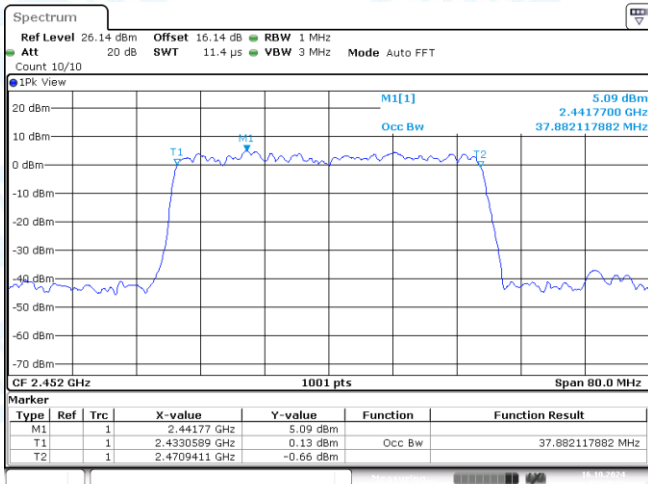
Date: 16.OCT.2024 09:44:06

11AX40MIMO-Ant1-2437



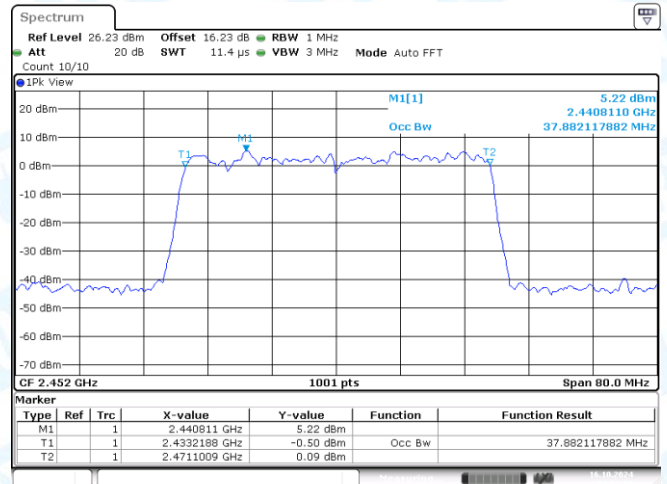
Date: 16.OCT.2024 09:46:07

11AX40MIMO-Ant2-2437



Date: 16.OCT.2024 09:48:42

11AX40MIMO-Ant1-2452



Date: 16.OCT.2024 09:52:09

11AX40MIMO-Ant2-2452

3: Maximum conducted output power

3.1 Test Result Average

Test Mode	Ant.	Frequency [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B-CDD	Ant1	2412	12.26	≤30.00	2.90	15.16	≤36.00	PASS
11B-CDD	Ant2	2412	12.21	≤30.00	2.90	15.11	≤36.00	PASS
11B-CDD	total	2412	15.25	≤30.00	2.90	18.15	≤36.00	PASS
11B-CDD	Ant1	2437	12.40	≤30.00	2.90	15.30	≤36.00	PASS
11B-CDD	Ant2	2437	12.26	≤30.00	2.90	15.16	≤36.00	PASS
11B-CDD	total	2437	15.34	≤30.00	2.90	18.24	≤36.00	PASS
11B-CDD	Ant1	2462	12.45	≤30.00	2.90	15.35	≤36.00	PASS
11B-CDD	Ant2	2462	12.15	≤30.00	2.90	15.05	≤36.00	PASS
11B-CDD	total	2462	15.31	≤30.00	2.90	18.21	≤36.00	PASS
11G-CDD	Ant1	2412	12.30	≤30.00	2.90	15.20	≤36.00	PASS
11G-CDD	Ant2	2412	11.85	≤30.00	2.90	14.75	≤36.00	PASS
11G-CDD	total	2412	15.09	≤30.00	2.90	17.99	≤36.00	PASS
11G-CDD	Ant1	2437	12.17	≤30.00	2.90	15.07	≤36.00	PASS
11G-CDD	Ant2	2437	11.50	≤30.00	2.90	14.40	≤36.00	PASS
11G-CDD	total	2437	14.86	≤30.00	2.90	17.76	≤36.00	PASS
11G-CDD	Ant1	2462	12.23	≤30.00	2.90	15.13	≤36.00	PASS
11G-CDD	Ant2	2462	11.44	≤30.00	2.90	14.34	≤36.00	PASS
11G-CDD	total	2462	14.86	≤30.00	2.90	17.76	≤36.00	PASS
11N20MIMO	Ant1	2412	12.20	≤30.00	2.90	15.10	≤36.00	PASS
11N20MIMO	Ant2	2412	11.93	≤30.00	2.90	14.83	≤36.00	PASS
11N20MIMO	total	2412	15.08	≤30.00	2.90	17.98	≤36.00	PASS
11N20MIMO	Ant1	2437	12.13	≤30.00	2.90	15.03	≤36.00	PASS
11N20MIMO	Ant2	2437	11.48	≤30.00	2.90	14.38	≤36.00	PASS
11N20MIMO	total	2437	14.83	≤30.00	2.90	17.73	≤36.00	PASS
11N20MIMO	Ant1	2462	12.18	≤30.00	2.90	15.08	≤36.00	PASS
11N20MIMO	Ant2	2462	11.56	≤30.00	2.90	14.46	≤36.00	PASS
11N20MIMO	total	2462	14.89	≤30.00	2.90	17.79	≤36.00	PASS
11N40MIMO	Ant1	2422	12.41	≤30.00	2.90	15.31	≤36.00	PASS
11N40MIMO	Ant2	2422	11.84	≤30.00	2.90	14.74	≤36.00	PASS
11N40MIMO	total	2422	15.14	≤30.00	2.90	18.04	≤36.00	PASS
11N40MIMO	Ant1	2437	12.37	≤30.00	2.90	15.27	≤36.00	PASS
11N40MIMO	Ant2	2437	11.73	≤30.00	2.90	14.63	≤36.00	PASS
11N40MIMO	total	2437	15.07	≤30.00	2.90	17.97	≤36.00	PASS
11N40MIMO	Ant1	2452	12.14	≤30.00	2.90	15.04	≤36.00	PASS
11N40MIMO	Ant2	2452	11.44	≤30.00	2.90	14.34	≤36.00	PASS
11N40MIMO	total	2452	14.81	≤30.00	2.90	17.71	≤36.00	PASS
11AX20MIMO	Ant1	2412	12.13	≤30.00	2.90	15.03	≤36.00	PASS
11AX20MIMO	Ant2	2412	11.87	≤30.00	2.90	14.77	≤36.00	PASS
11AX20MIMO	total	2412	15.01	≤30.00	2.90	17.91	≤36.00	PASS

11AX20MIMO	Ant1	2437	11.98	≤30.00	2.90	14.88	≤36.00	PASS
11AX20MIMO	Ant2	2437	11.40	≤30.00	2.90	14.30	≤36.00	PASS
11AX20MIMO	total	2437	14.71	≤30.00	2.90	17.61	≤36.00	PASS
11AX20MIMO	Ant1	2462	12.00	≤30.00	2.90	14.90	≤36.00	PASS
11AX20MIMO	Ant2	2462	11.48	≤30.00	2.90	14.38	≤36.00	PASS
11AX20MIMO	total	2462	14.76	≤30.00	2.90	17.66	≤36.00	PASS
11AX40MIMO	Ant1	2422	12.24	≤30.00	2.90	15.14	≤36.00	PASS
11AX40MIMO	Ant2	2422	12.07	≤30.00	2.90	14.97	≤36.00	PASS
11AX40MIMO	total	2422	15.17	≤30.00	2.90	18.07	≤36.00	PASS
11AX40MIMO	Ant1	2437	12.26	≤30.00	2.90	15.16	≤36.00	PASS
11AX40MIMO	Ant2	2437	11.58	≤30.00	2.90	14.48	≤36.00	PASS
11AX40MIMO	total	2437	14.94	≤30.00	2.90	17.84	≤36.00	PASS
11AX40MIMO	Ant1	2452	12.27	≤30.00	2.90	15.17	≤36.00	PASS
11AX40MIMO	Ant2	2452	11.52	≤30.00	2.90	14.42	≤36.00	PASS
11AX40MIMO	total	2452	14.92	≤30.00	2.90	17.82	≤36.00	PASS

4: Maximum power spectral density

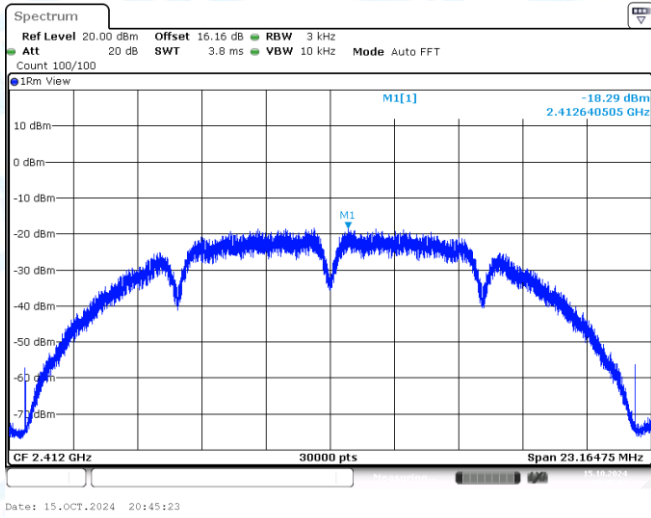
4.1 Test Result

TestMode	Ant.	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-18.27	≤8.00	PASS
11B-CDD	Ant2	2412	-18.67	≤8.00	PASS
11B-CDD	total	2412	-15.46	≤8.00	PASS
11B-CDD	Ant1	2437	-17.86	≤8.00	PASS
11B-CDD	Ant2	2437	-18.15	≤8.00	PASS
11B-CDD	total	2437	-14.99	≤8.00	PASS
11B-CDD	Ant1	2462	-18.25	≤8.00	PASS
11B-CDD	Ant2	2462	-18.45	≤8.00	PASS
11B-CDD	total	2462	-15.34	≤8.00	PASS
11G-CDD	Ant1	2412	-18.01	≤8.00	PASS
11G-CDD	Ant2	2412	-18.11	≤8.00	PASS
11G-CDD	total	2412	-15.05	≤8.00	PASS
11G-CDD	Ant1	2437	-17.95	≤8.00	PASS
11G-CDD	Ant2	2437	-18.33	≤8.00	PASS
11G-CDD	total	2437	-15.13	≤8.00	PASS
11G-CDD	Ant1	2462	-18.03	≤8.00	PASS
11G-CDD	Ant2	2462	-18.65	≤8.00	PASS
11G-CDD	total	2462	-15.32	≤8.00	PASS
11N20MIMO	Ant1	2412	-16.42	≤8.00	PASS
11N20MIMO	Ant2	2412	-14.64	≤8.00	PASS
11N20MIMO	total	2412	-12.43	≤8.00	PASS
11N20MIMO	Ant1	2437	-16.39	≤8.00	PASS
11N20MIMO	Ant2	2437	-15.73	≤8.00	PASS
11N20MIMO	total	2437	-13.04	≤8.00	PASS
11N20MIMO	Ant1	2462	-16.46	≤8.00	PASS
11N20MIMO	Ant2	2462	-15.46	≤8.00	PASS
11N20MIMO	total	2462	-12.92	≤8.00	PASS
11N40MIMO	Ant1	2422	-18.45	≤8.00	PASS
11N40MIMO	Ant2	2422	-19.15	≤8.00	PASS
11N40MIMO	total	2422	-15.78	≤8.00	PASS
11N40MIMO	Ant1	2437	-18.39	≤8.00	PASS
11N40MIMO	Ant2	2437	-19.24	≤8.00	PASS
11N40MIMO	total	2437	-15.78	≤8.00	PASS
11N40MIMO	Ant1	2452	-18.68	≤8.00	PASS
11N40MIMO	Ant2	2452	-19.92	≤8.00	PASS
11N40MIMO	total	2452	-16.25	≤8.00	PASS
11AX20MIMO	Ant1	2412	-16.28	≤8.00	PASS
11AX20MIMO	Ant2	2412	-16.63	≤8.00	PASS
11AX20MIMO	total	2412	-13.44	≤8.00	PASS
11AX20MIMO	Ant1	2437	-16.03	≤8.00	PASS

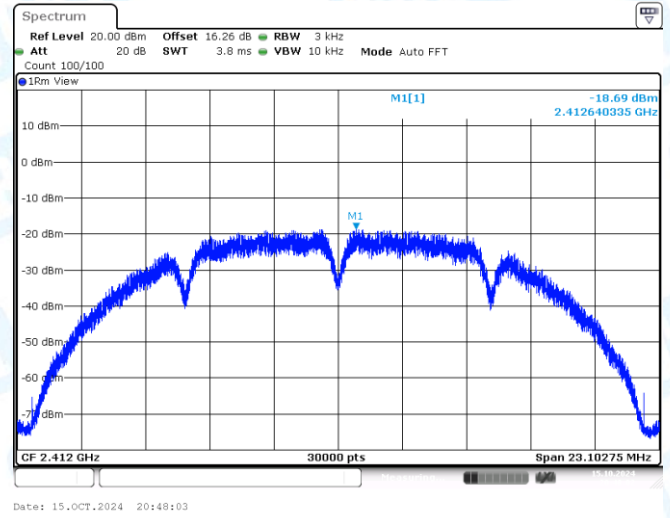
11AX20MIMO	Ant2	2437	-17.36	≤8.00	PASS
11AX20MIMO	total	2437	-13.63	≤8.00	PASS
11AX20MIMO	Ant1	2462	-16.19	≤8.00	PASS
11AX20MIMO	Ant2	2462	-16.33	≤8.00	PASS
11AX20MIMO	total	2462	-13.25	≤8.00	PASS
11AX40MIMO	Ant1	2422	-18.29	≤8.00	PASS
11AX40MIMO	Ant2	2422	-17.57	≤8.00	PASS
11AX40MIMO	total	2422	-14.90	≤8.00	PASS
11AX40MIMO	Ant1	2437	-18.03	≤8.00	PASS
11AX40MIMO	Ant2	2437	-17.08	≤8.00	PASS
11AX40MIMO	total	2437	-14.52	≤8.00	PASS
11AX40MIMO	Ant1	2452	-18.37	≤8.00	PASS
11AX40MIMO	Ant2	2452	-18.51	≤8.00	PASS
11AX40MIMO	total	2452	-15.43	≤8.00	PASS

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

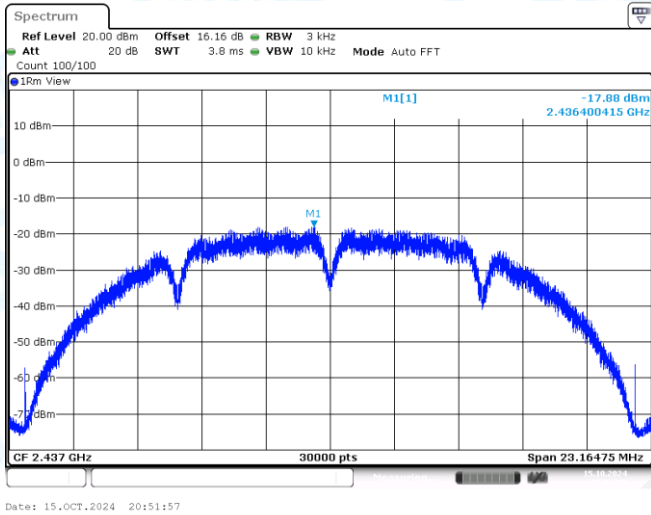
4.2 Test Graphs



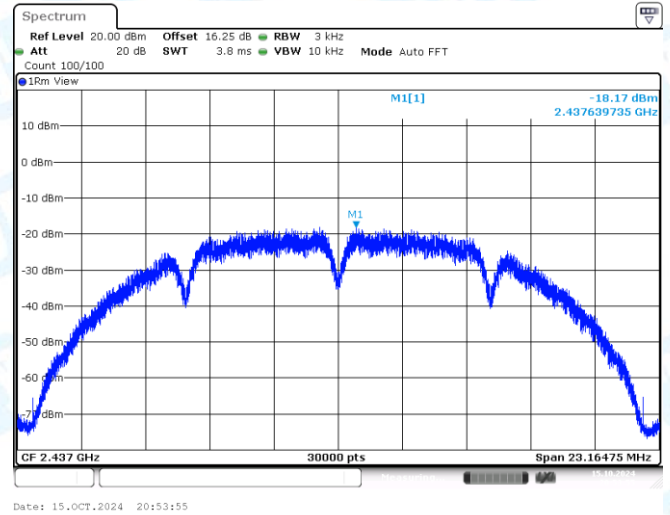
11B-CDD-Ant1-2412-PASS



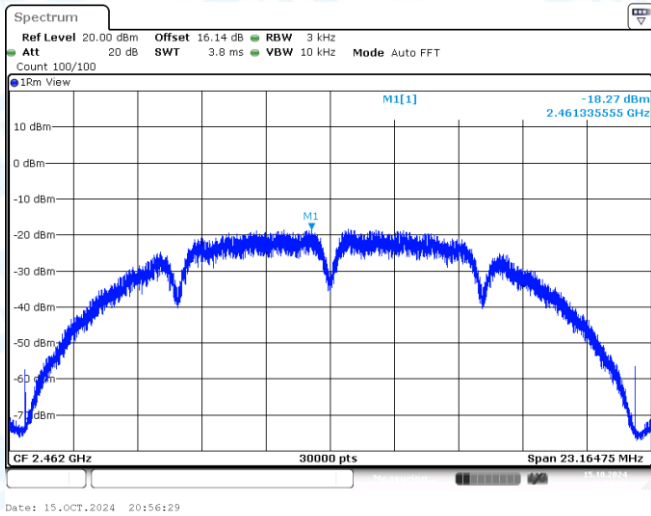
11B-CDD-Ant2-2412-PASS



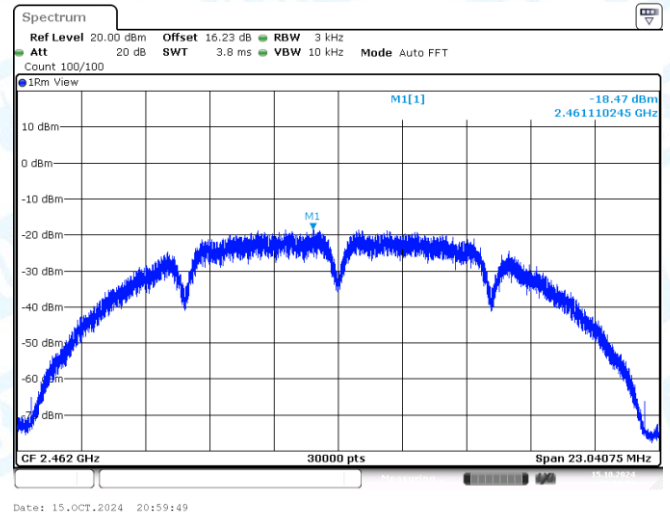
11B-CDD-Ant1-2437-PASS



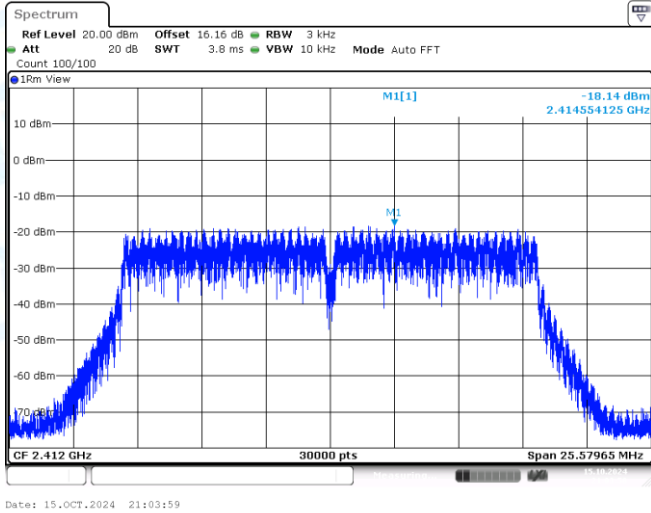
11B-CDD-Ant2-2437-PASS



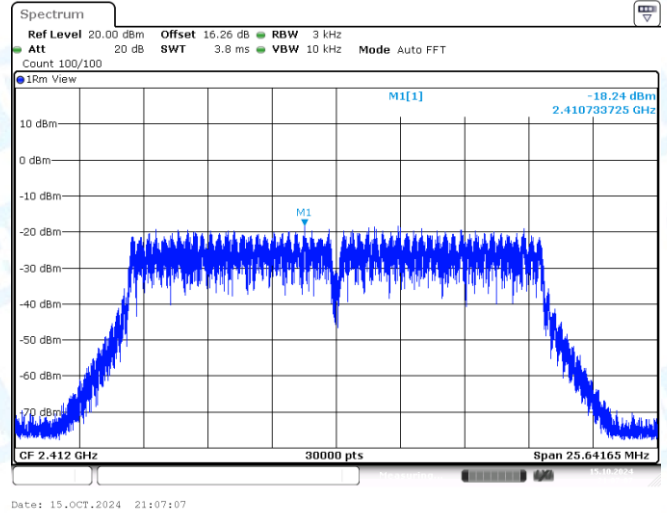
11B-CDD-Ant1-2462-PASS



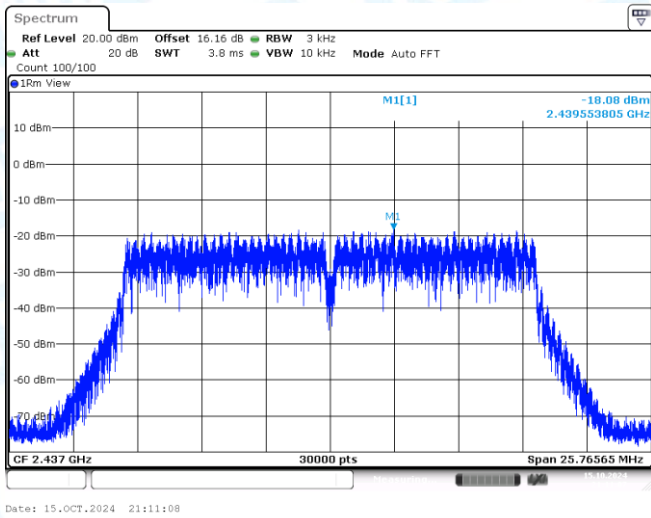
11B-CDD-Ant2-2462-PASS



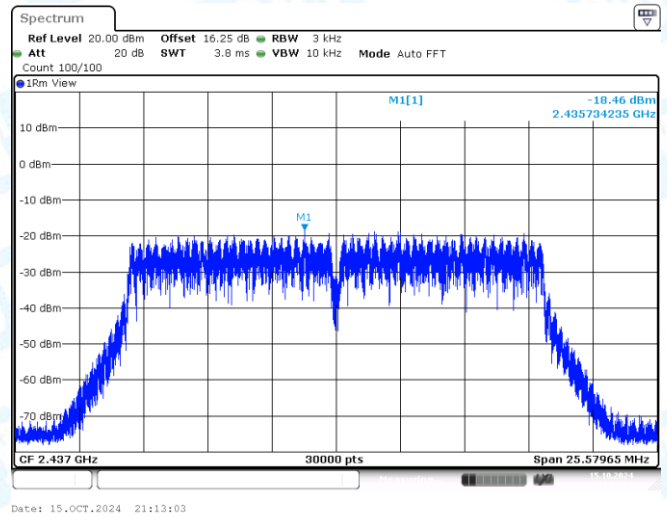
11G-CDD-Ant1-2412-PASS



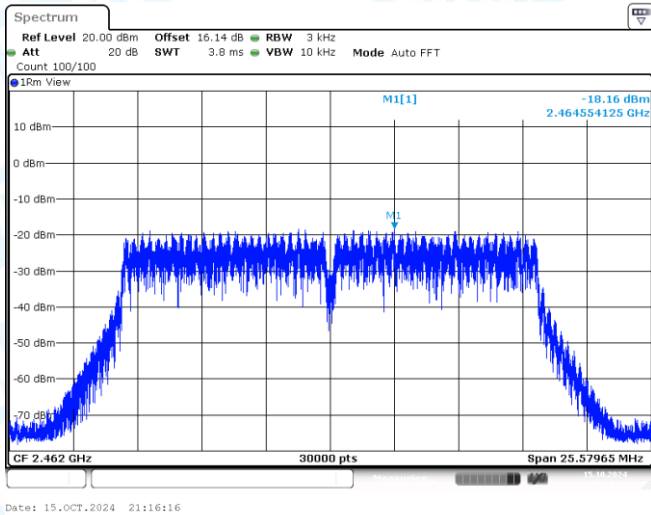
11G-CDD-Ant2-2412-PASS



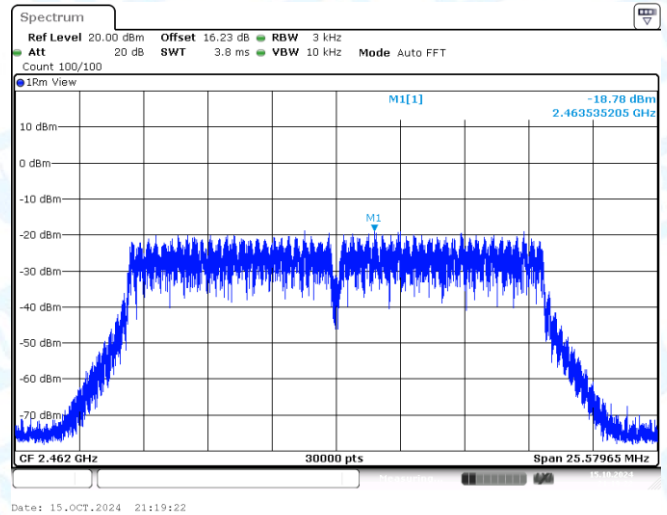
11G-CDD-Ant1-2437-PASS



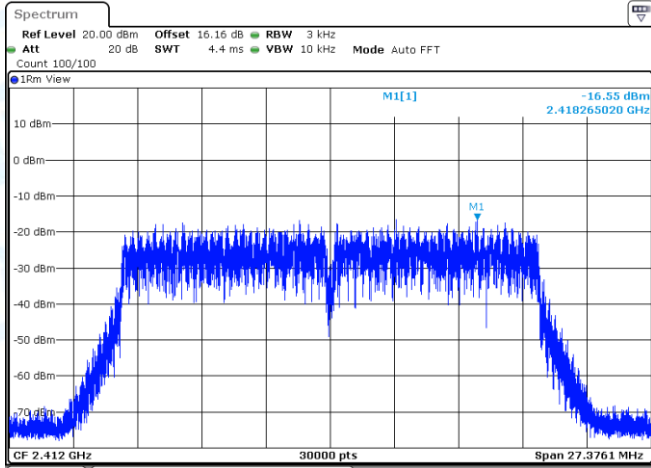
11G-CDD-Ant2-2437-PASS



11G-CDD-Ant1-2462-PASS

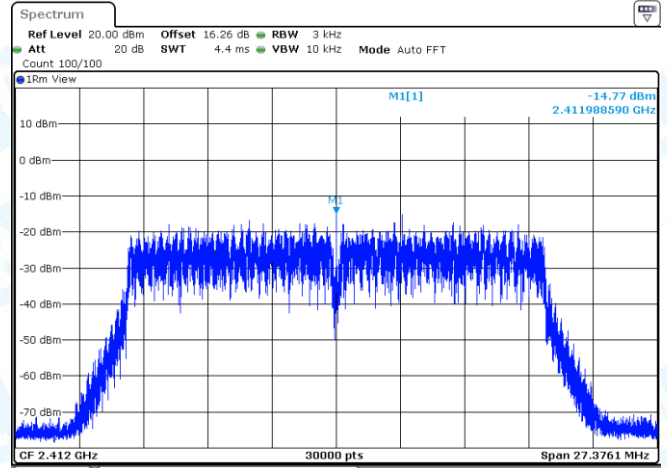


11G-CDD-Ant2-2462-PASS



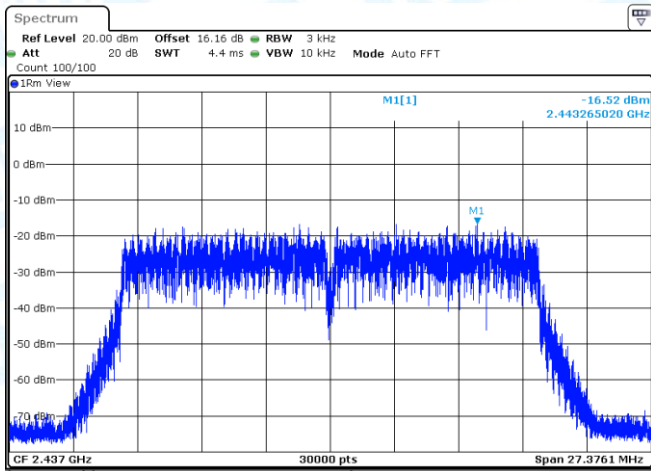
Date: 15.OCT.2024 21:23:46

11N20MIMO-Ant1-2412-PASS



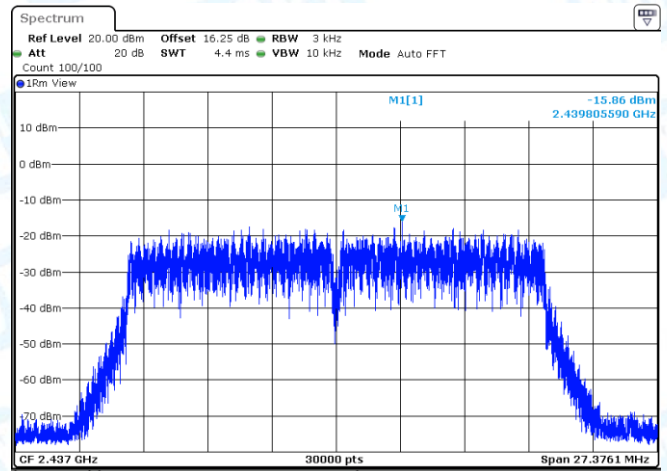
Date: 15.OCT.2024 21:26:26

11N20MIMO-Ant2-2412-PASS



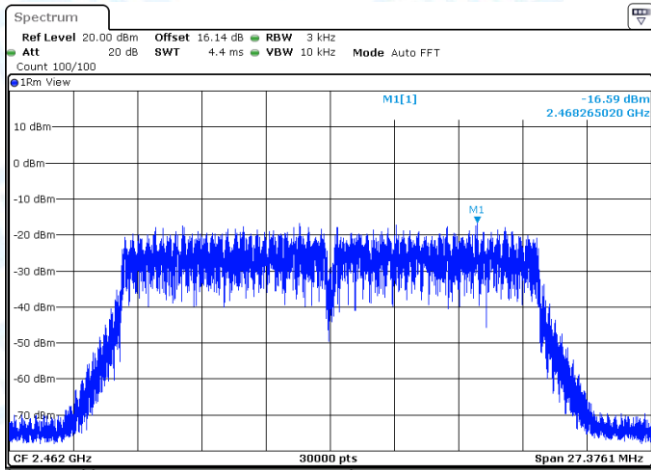
Date: 15.OCT.2024 21:29:57

11N20MIMO-Ant1-2437-PASS



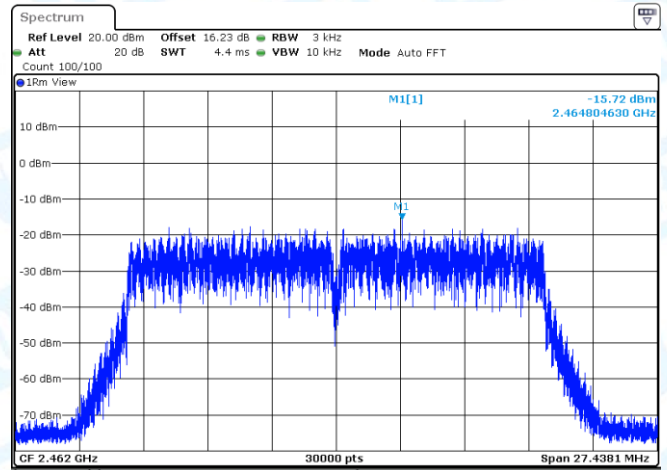
Date: 15.OCT.2024 21:31:52

11N20MIMO-Ant2-2437-PASS



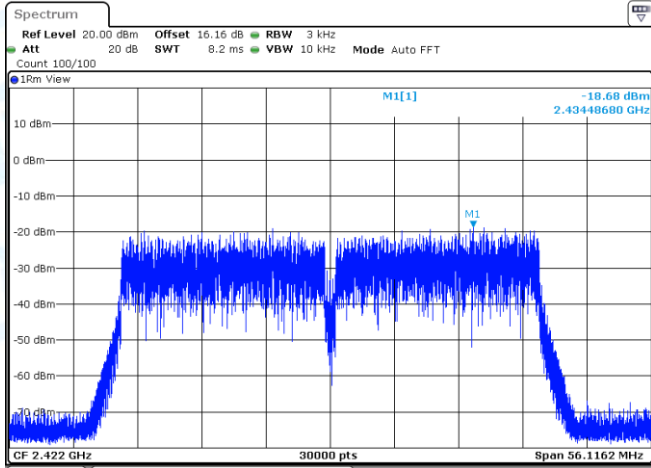
Date: 15.OCT.2024 21:33:58

11N20MIMO-Ant1-2462-PASS

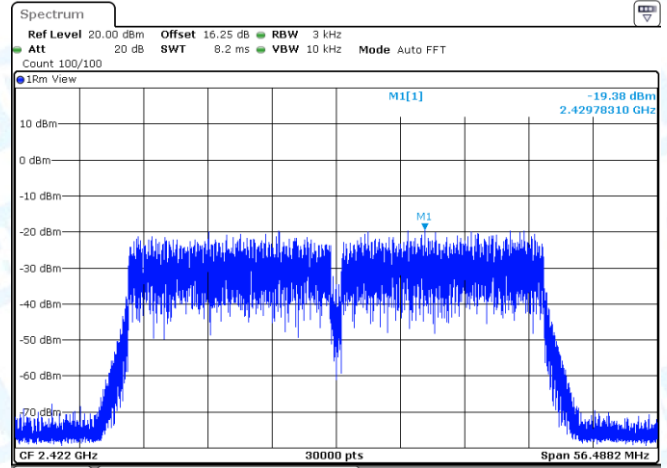


Date: 15.OCT.2024 21:37:28

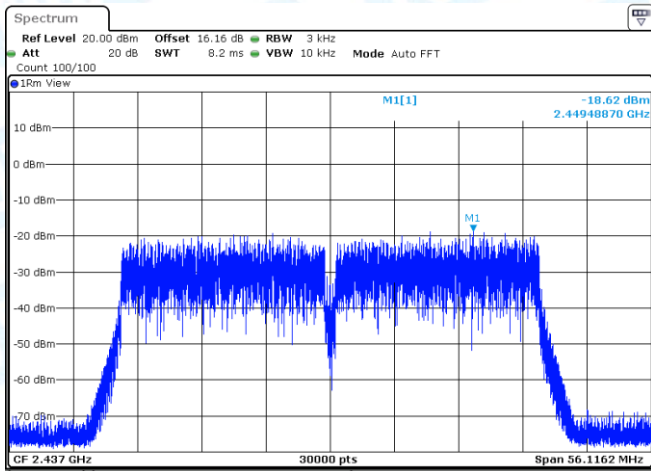
11N20MIMO-Ant2-2462-PASS



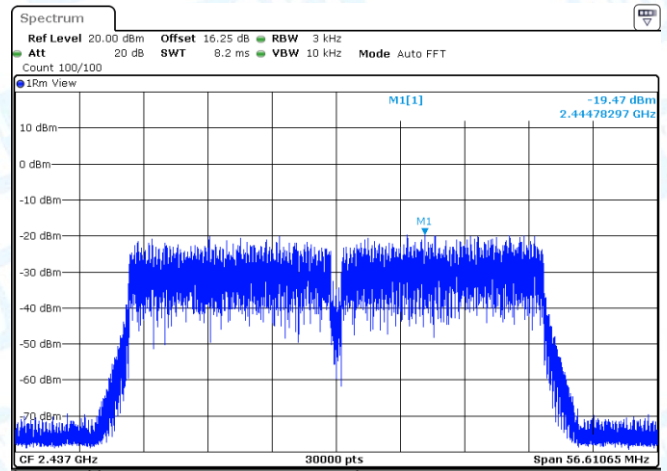
11N40MIMO-Ant1-2422-PASS



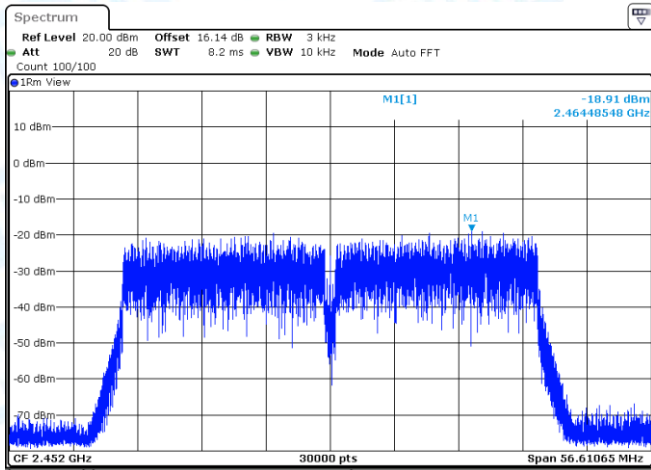
11N40MIMO-Ant2-2422-PASS



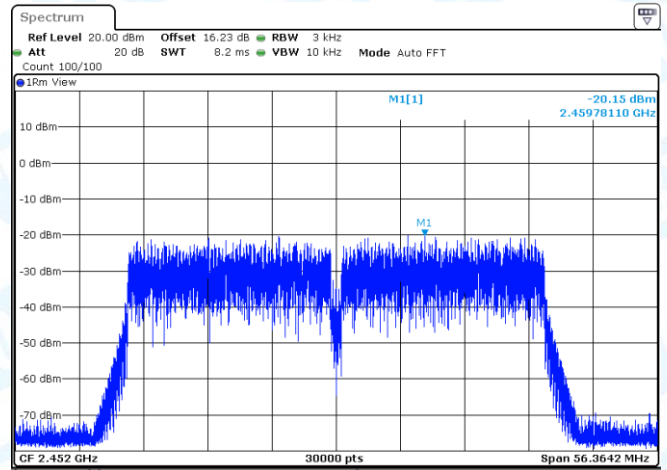
11N40MIMO-Ant1-2437-PASS



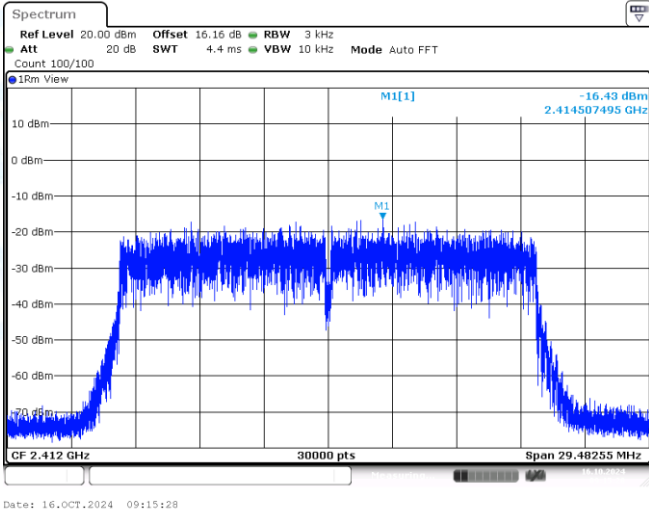
11N40MIMO-Ant2-2437-PASS



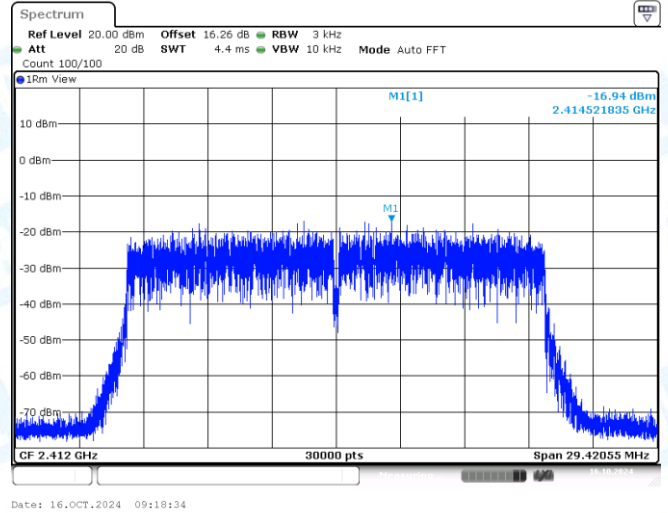
11N40MIMO-Ant1-2452-PASS



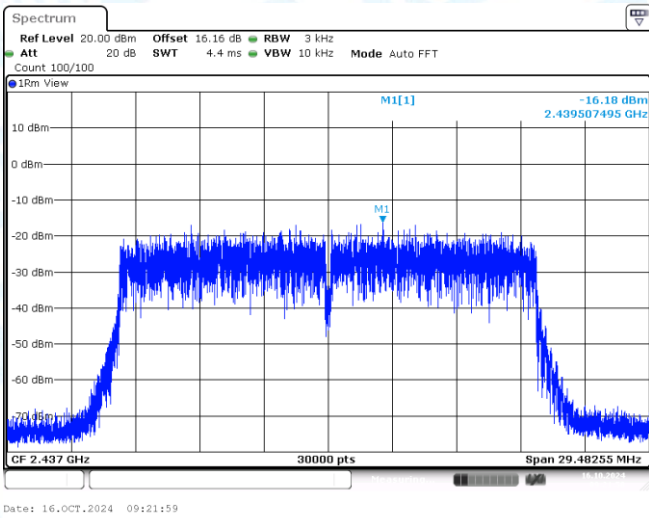
11N40MIMO-Ant2-2452-PASS



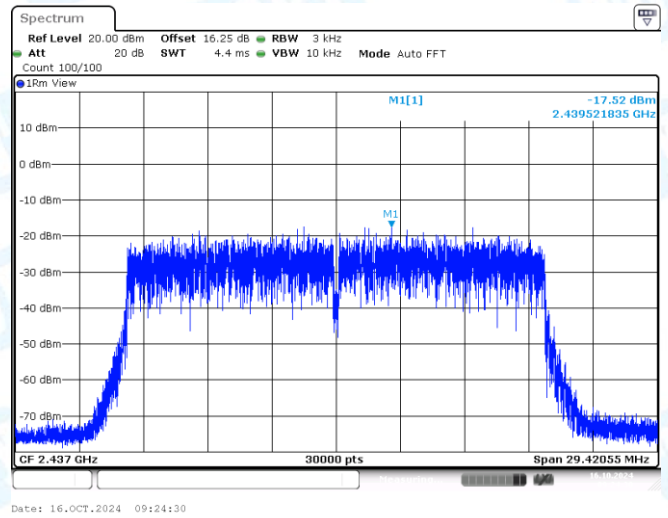
11AX20MIMO-Ant1-2412-PASS



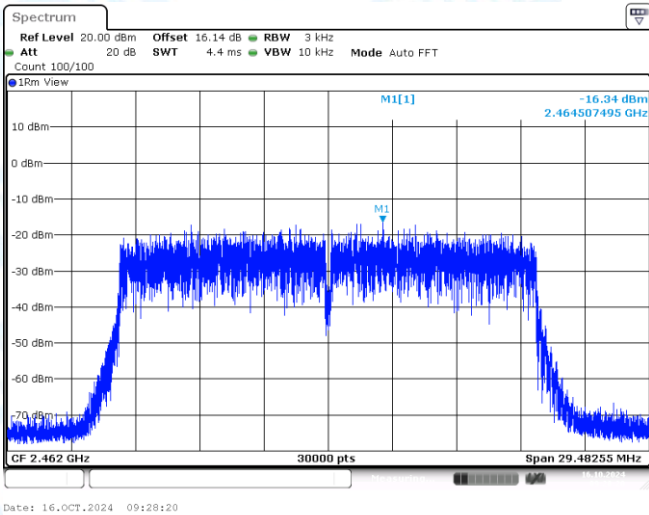
11AX20MIMO-Ant2-2412-PASS



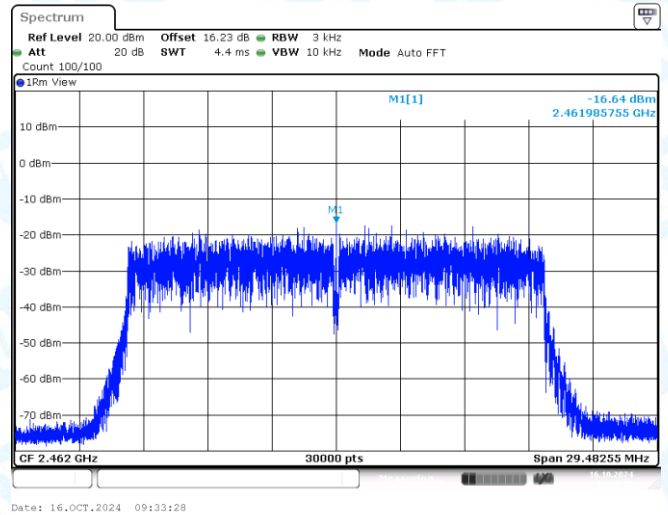
11AX20MIMO-Ant1-2437-PASS



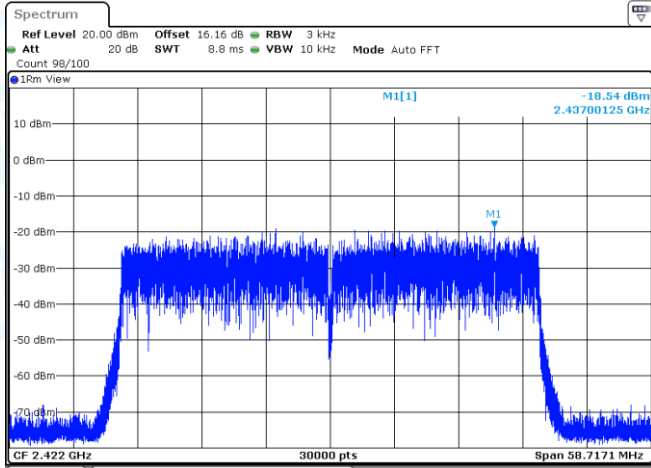
11AX20MIMO-Ant2-2437-PASS



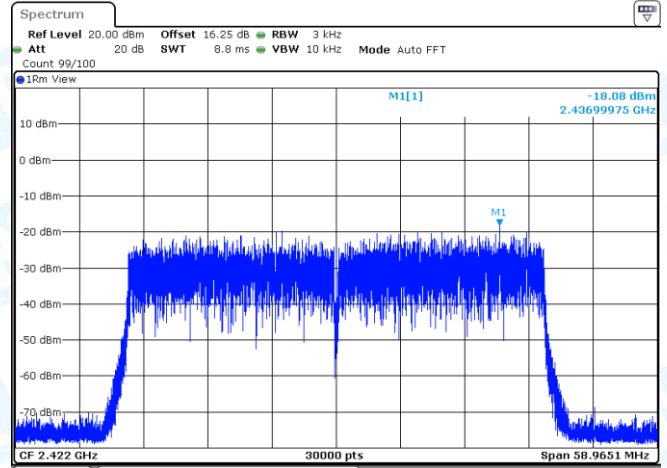
11AX20MIMO-Ant1-2462-PASS



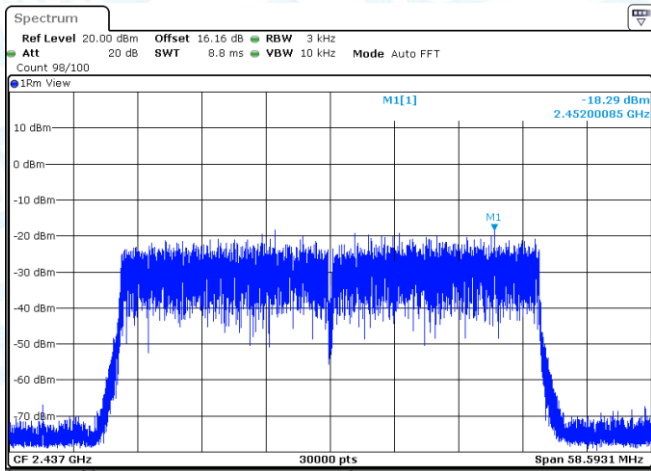
11AX20MIMO-Ant2-2462-PASS



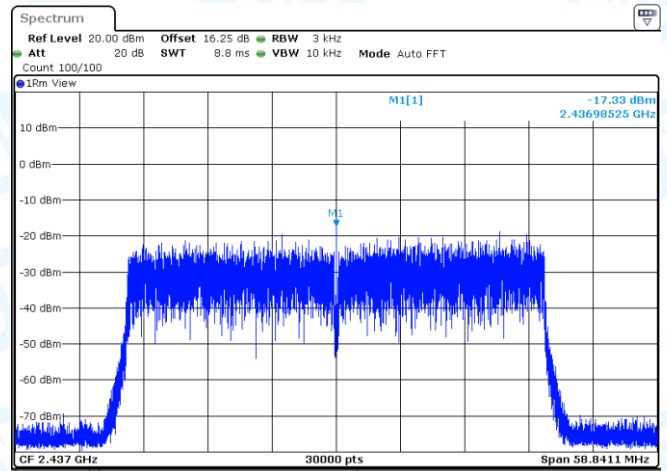
11AX40MIMO-Ant1-2422-PASS



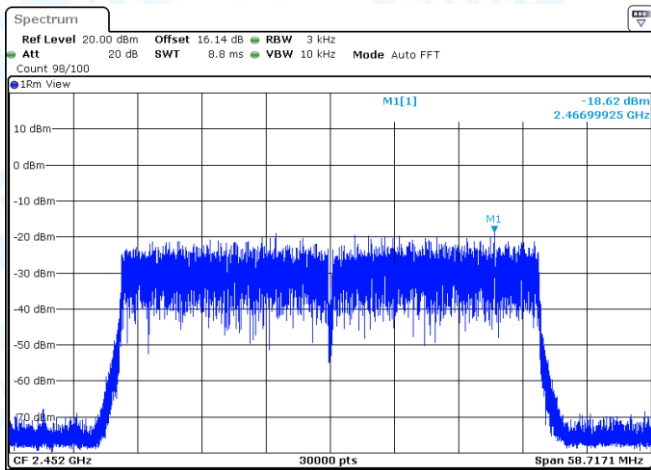
11AX40MIMO-Ant2-2422-PASS



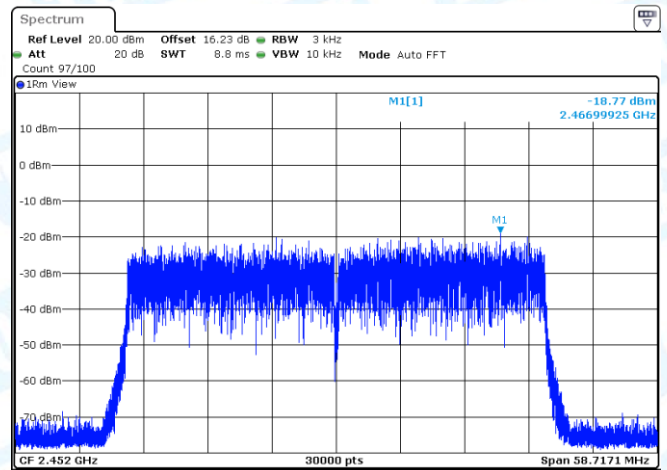
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



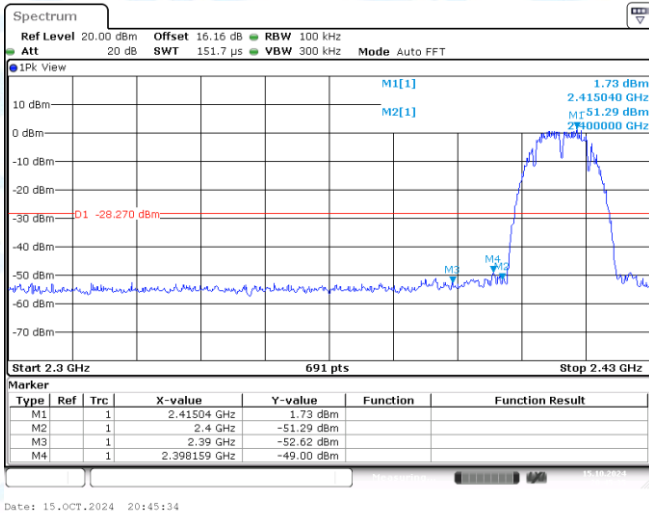
11AX40MIMO-Ant2-2452-PASS

5: Band edge measurements

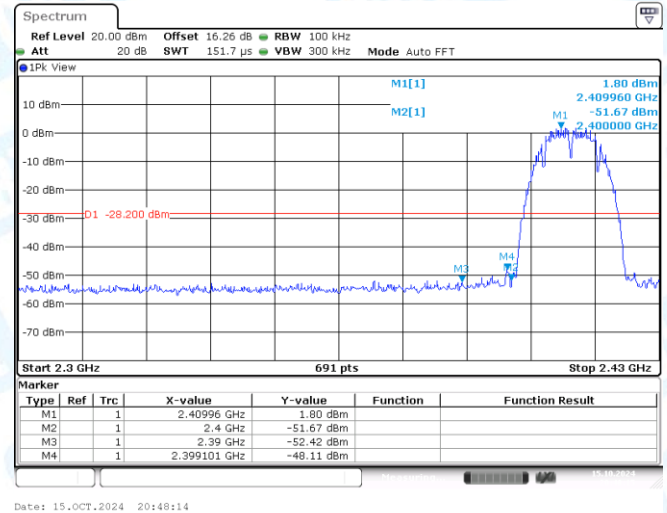
5.1 Test Result

TestMode	Ant.	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	1.73	-49	≤-28.27	PASS
11B-CDD	Ant2	Low	2412	1.80	-48.11	≤-28.2	PASS
11B-CDD	Ant1	High	2462	1.40	-51.33	≤-28.6	PASS
11B-CDD	Ant2	High	2462	1.85	-50.37	≤-28.15	PASS
11G-CDD	Ant1	Low	2412	0.70	-49.22	≤-29.3	PASS
11G-CDD	Ant2	Low	2412	0.75	-48.86	≤-29.25	PASS
11G-CDD	Ant1	High	2462	0.63	-50.68	≤-29.37	PASS
11G-CDD	Ant2	High	2462	0.26	-51.27	≤-29.74	PASS
11N20MIMO	Ant1	Low	2412	0.66	-48.51	≤-29.34	PASS
11N20MIMO	Ant2	Low	2412	0.47	-50.23	≤-29.53	PASS
11N20MIMO	Ant1	High	2462	0.71	-50.85	≤-29.29	PASS
11N20MIMO	Ant2	High	2462	0.09	-51.02	≤-29.91	PASS
11N40MIMO	Ant1	Low	2422	-2.38	-46.17	≤-32.38	PASS
11N40MIMO	Ant2	Low	2422	-2.59	-48.28	≤-32.59	PASS
11N40MIMO	Ant1	High	2452	-2.07	-45.02	≤-32.07	PASS
11N40MIMO	Ant2	High	2452	-2.87	-49.76	≤-32.87	PASS
11AX20MIMO	Ant1	Low	2412	0.07	-47.7	≤-29.93	PASS
11AX20MIMO	Ant2	Low	2412	-0.48	-46.53	≤-30.48	PASS
11AX20MIMO	Ant1	High	2462	0.06	-50.2	≤-29.94	PASS
11AX20MIMO	Ant2	High	2462	-0.43	-50.57	≤-30.43	PASS
11AX40MIMO	Ant1	Low	2422	-2.61	-46.33	≤-32.61	PASS
11AX40MIMO	Ant2	Low	2422	-3.21	-47.28	≤-33.21	PASS
11AX40MIMO	Ant1	High	2452	-2.49	-47.29	≤-32.49	PASS
11AX40MIMO	Ant2	High	2452	-2.95	-47.68	≤-32.95	PASS

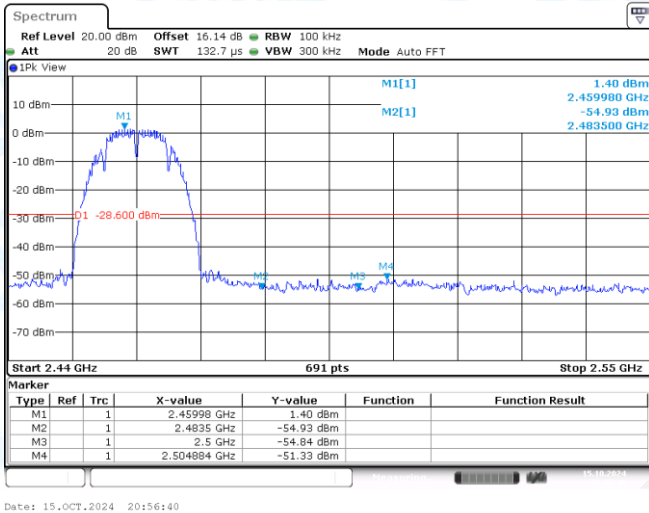
5.2 Test Graphs



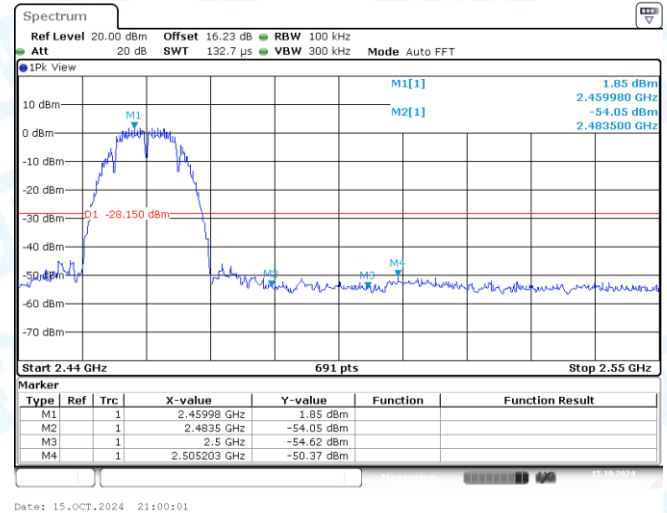
11B-CDD-Ant1-2412-PASS



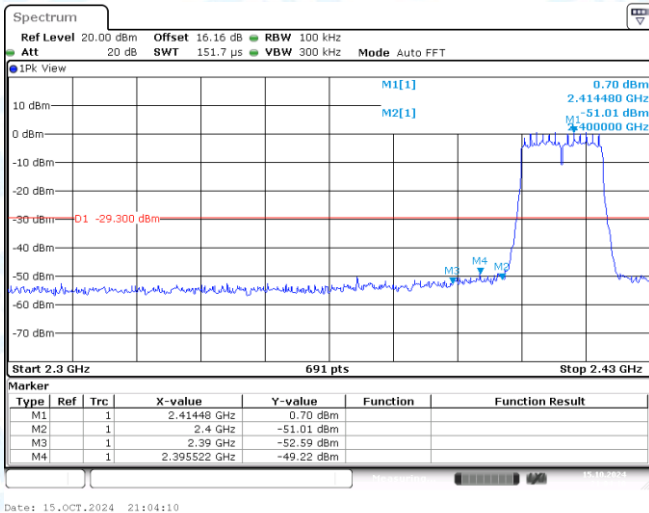
11B-CDD-Ant2-2412-PASS



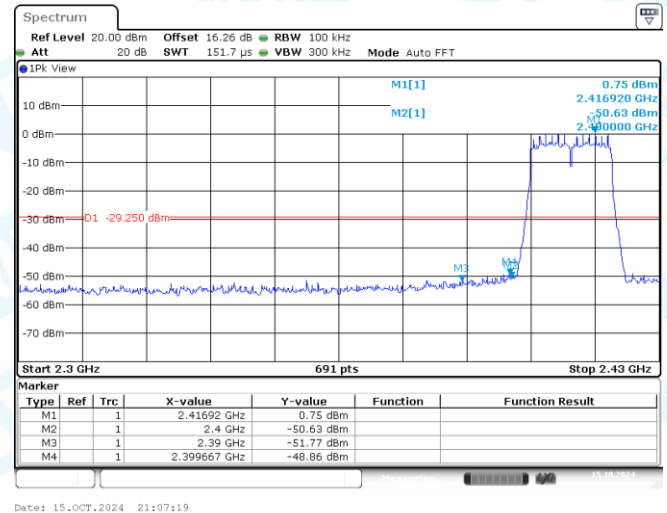
11B-CDD-Ant1-2462-PASS



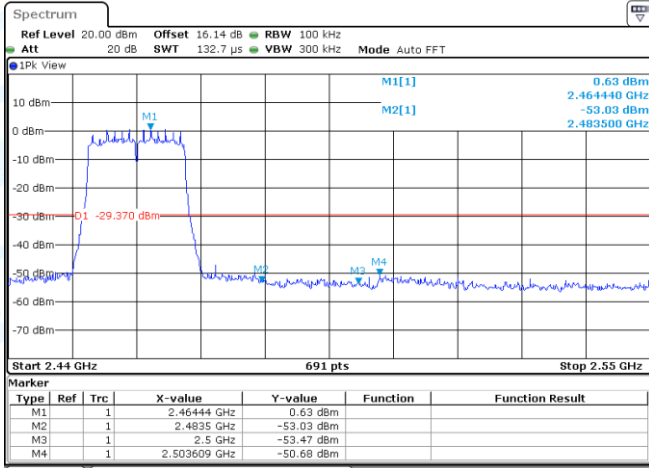
11B-CDD-Ant2-2462-PASS



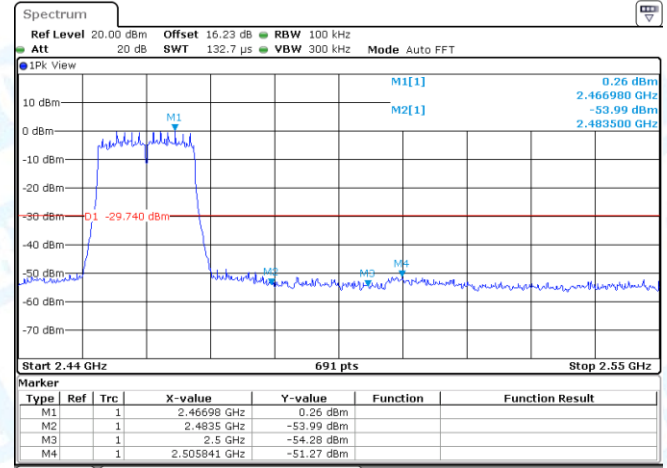
11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS



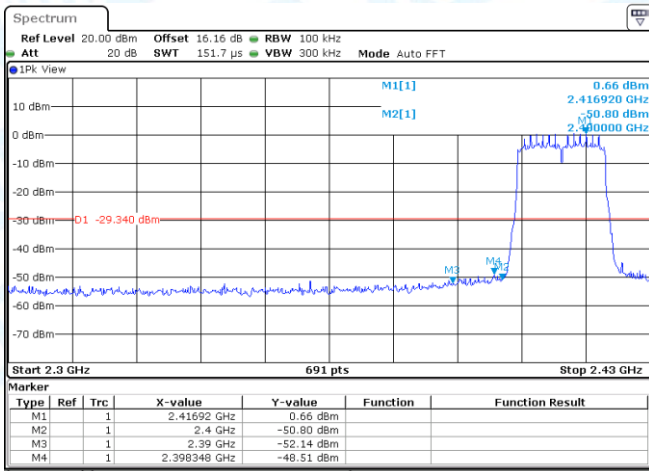
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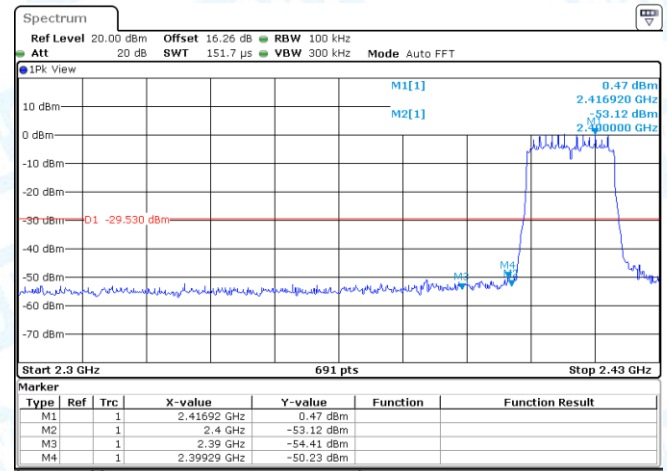
Date: 15.OCT.2024 21:19:34

11G-CDD-Ant1-2462-PASS

11G-CDD-Ant2-2462-PASS



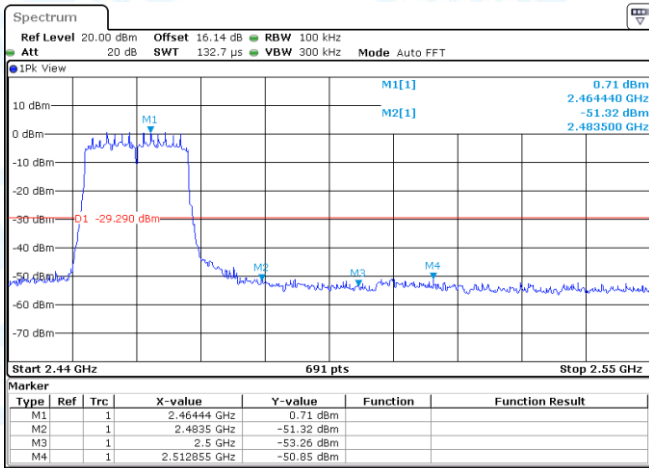
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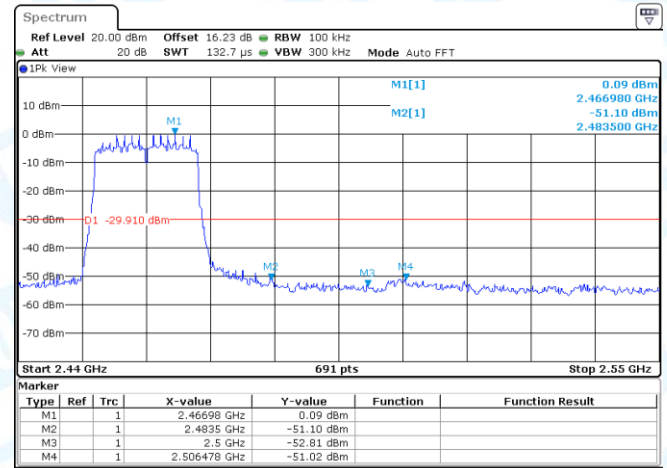
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11N20MIMO-Ant1-2412-PASS

11N20MIMO-Ant2-2412-PASS



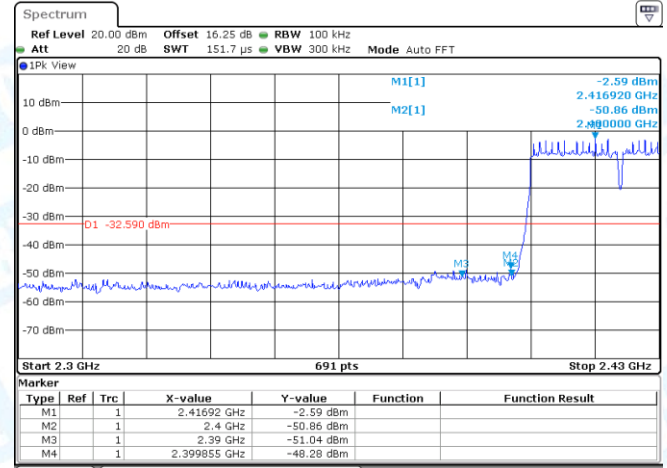
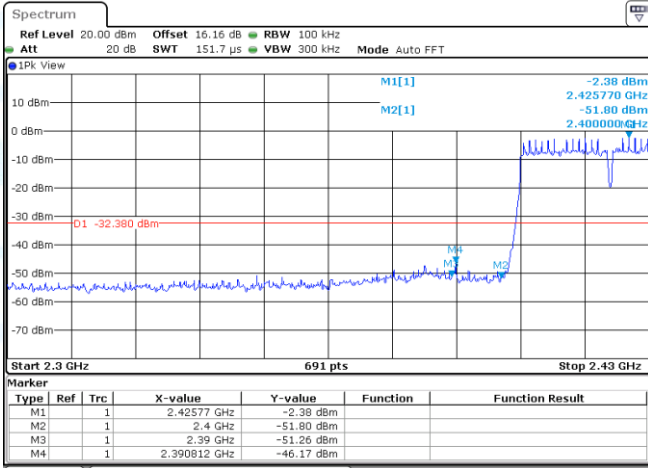
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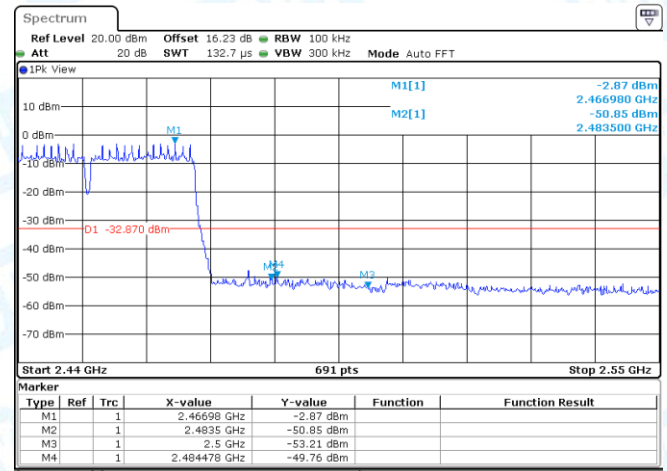
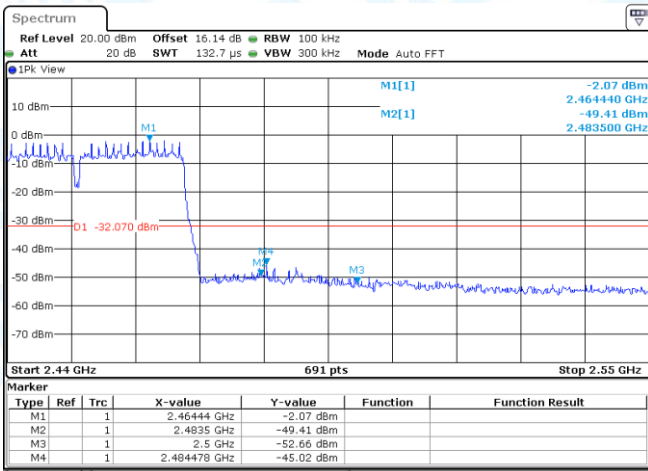
11N20MIMO-Ant1-2462-PASS

11N20MIMO-Ant2-2462-PASS



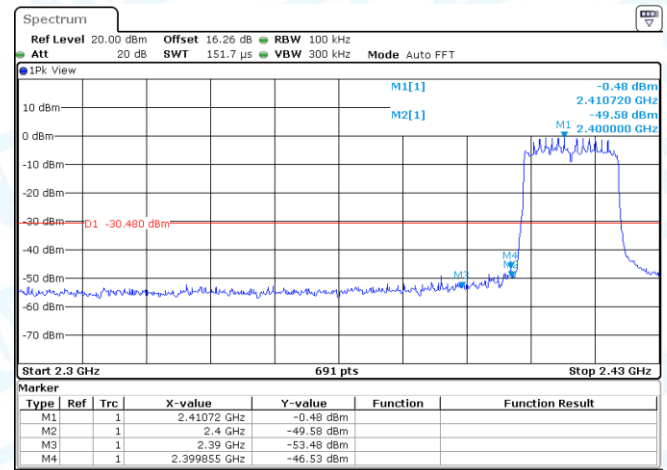
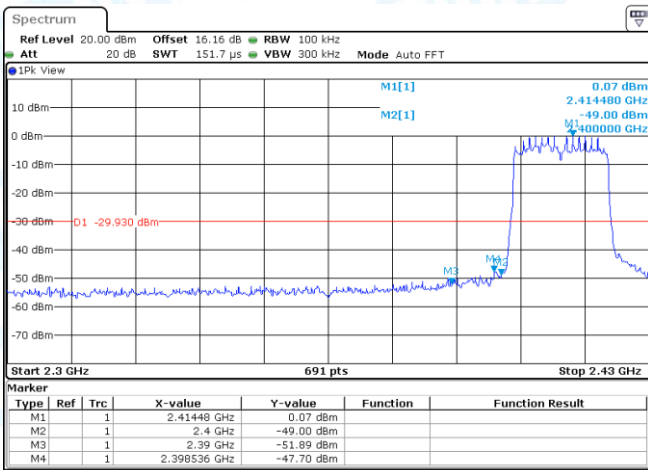
11N40MIMO-Ant1-2422-PASS

11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS

11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS

11AX20MIMO-Ant2-2412-PASS