



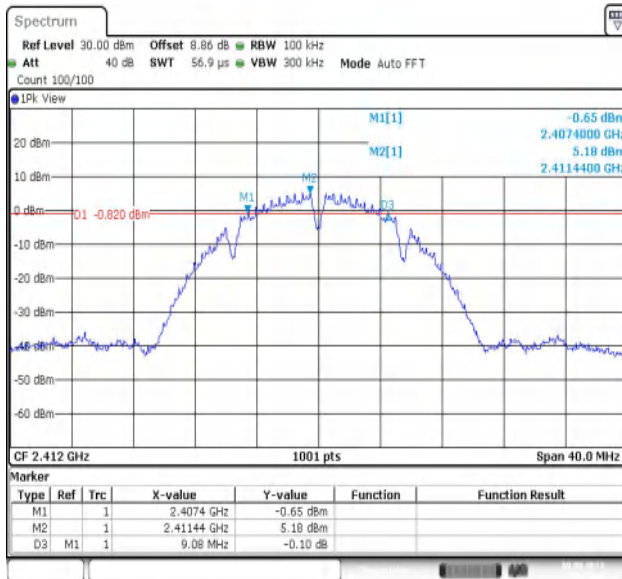
Appendix A: DTS Bandwidth

Test Result

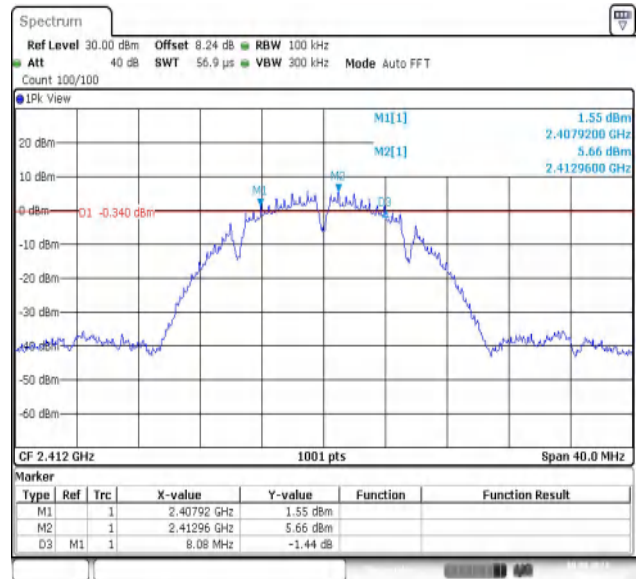
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	9.08	2407.40	2416.48	0.5	PASS
11B-CDD	Ant2	2412	8.08	2407.92	2416.00	0.5	PASS
11B-CDD	Ant1	2437	9.04	2432.40	2441.44	0.5	PASS
11B-CDD	Ant2	2437	9.08	2432.40	2441.48	0.5	PASS
11B-CDD	Ant1	2462	9.04	2457.44	2466.48	0.5	PASS
11B-CDD	Ant2	2462	9.08	2457.40	2466.48	0.5	PASS
11G-CDD	Ant1	2412	15.12	2404.40	2419.52	0.5	PASS
11G-CDD	Ant2	2412	15.12	2404.40	2419.52	0.5	PASS
11G-CDD	Ant1	2437	15.12	2429.40	2444.52	0.5	PASS
11G-CDD	Ant2	2437	15.48	2429.04	2444.52	0.5	PASS
11G-CDD	Ant1	2462	15.12	2454.40	2469.52	0.5	PASS
11G-CDD	Ant2	2462	15.12	2454.40	2469.52	0.5	PASS
11N20MIMO	Ant1	2412	15.72	2403.80	2419.52	0.5	PASS
11N20MIMO	Ant2	2412	15.12	2404.40	2419.52	0.5	PASS
11N20MIMO	Ant1	2437	15.72	2428.80	2444.52	0.5	PASS
11N20MIMO	Ant2	2437	15.16	2429.36	2444.52	0.5	PASS
11N20MIMO	Ant1	2462	15.68	2454.40	2470.08	0.5	PASS
11N20MIMO	Ant2	2462	15.12	2454.40	2469.52	0.5	PASS
11N40MIMO	Ant1	2422	35.12	2404.40	2439.52	0.5	PASS
11N40MIMO	Ant2	2422	35.12	2404.40	2439.52	0.5	PASS
11N40MIMO	Ant1	2437	35.12	2419.40	2454.52	0.5	PASS
11N40MIMO	Ant2	2437	32.56	2419.40	2451.96	0.5	PASS
11N40MIMO	Ant1	2452	35.12	2434.40	2469.52	0.5	PASS
11N40MIMO	Ant2	2452	35.12	2434.40	2469.52	0.5	PASS



Test Graphs



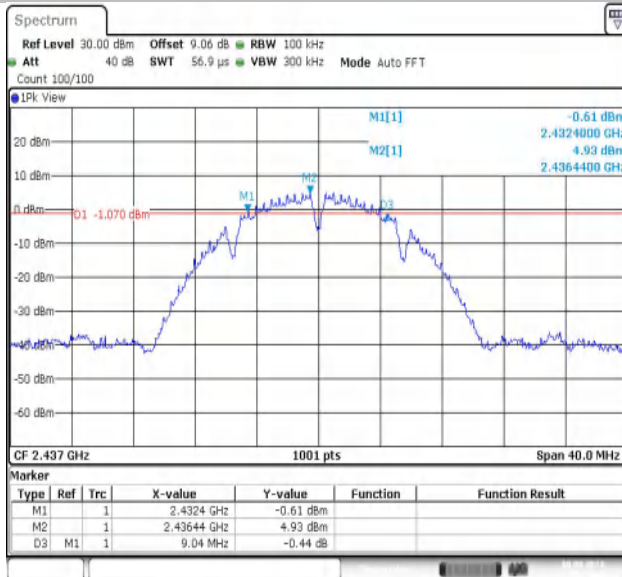
Date: 9.SEP.2024 09:11:40



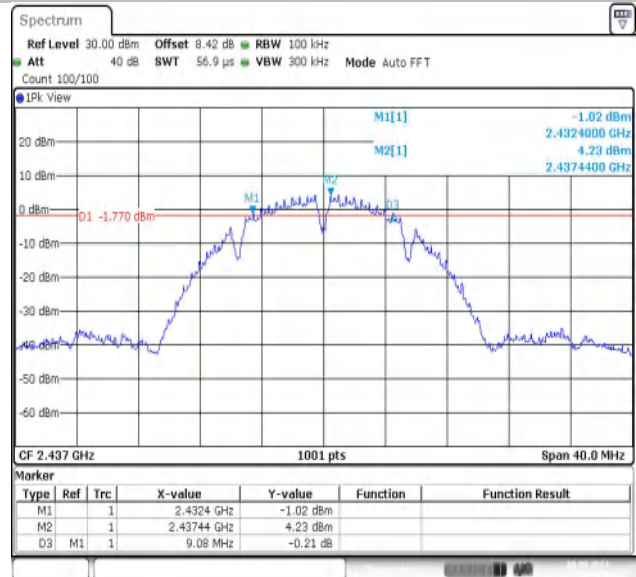
Date: 9.SEP.2024 09:14:48

11B-CDD-Ant1-2412-PASS

11B-CDD-Ant2-2412-PASS



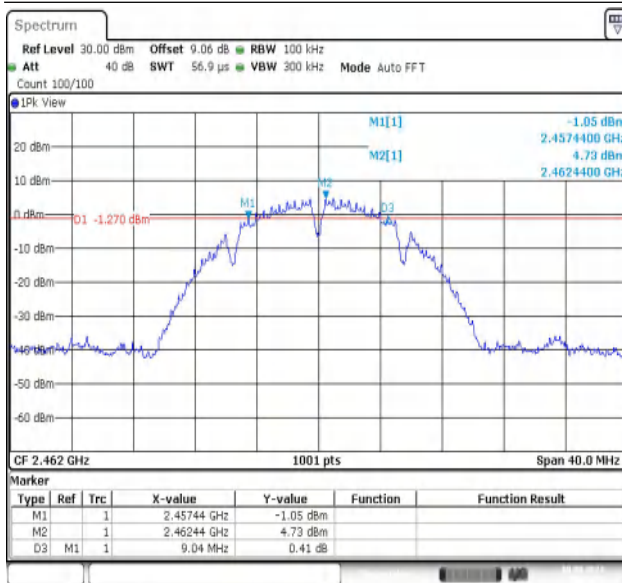
Date: 9.SEP.2024 09:17:46



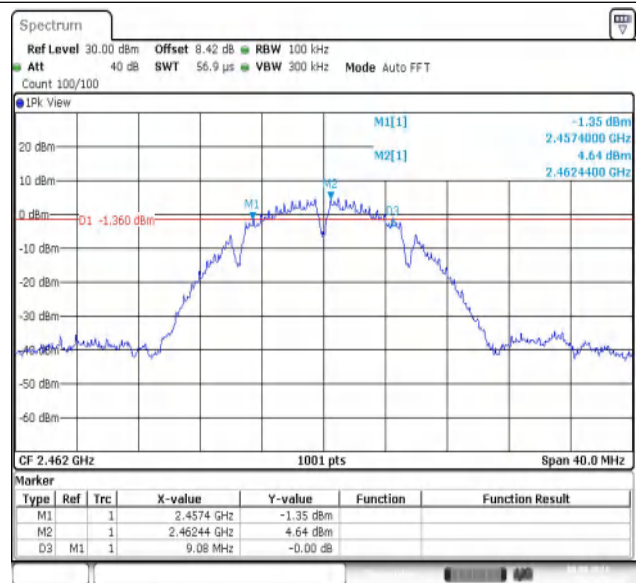
Date: 9.SEP.2024 09:20:13

11B-CDD-Ant1-2437-PASS

11B-CDD-Ant2-2437-PASS



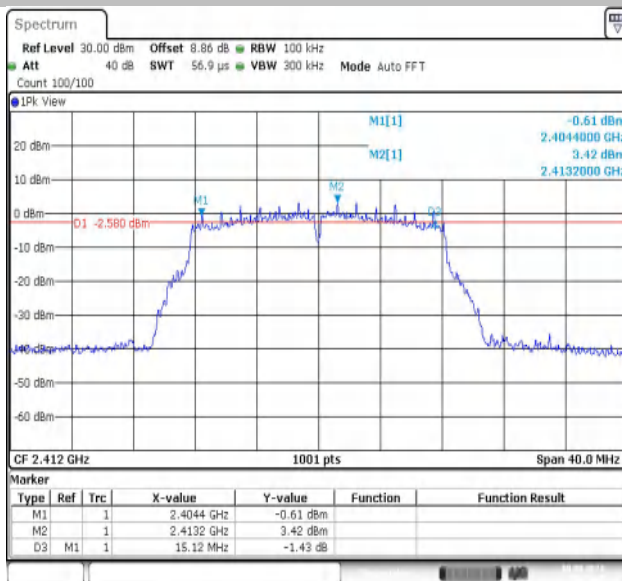
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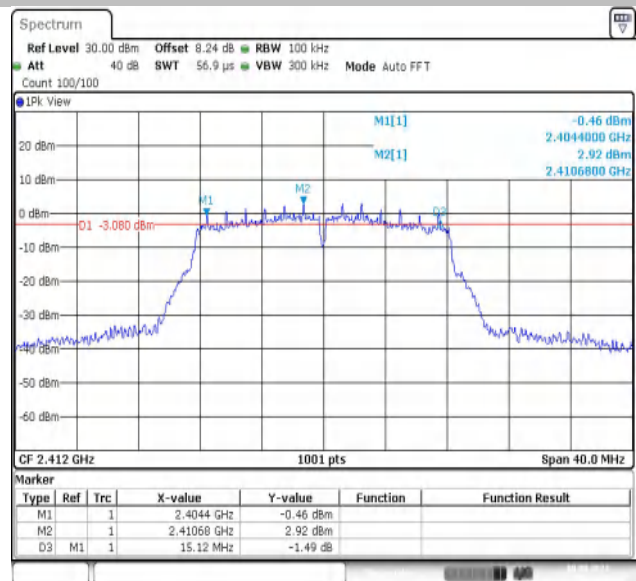
Date: 9.SEP.2024 09:25:31

11B-CDD-Ant1-2462-PASS

11B-CDD-Ant2-2462-PASS



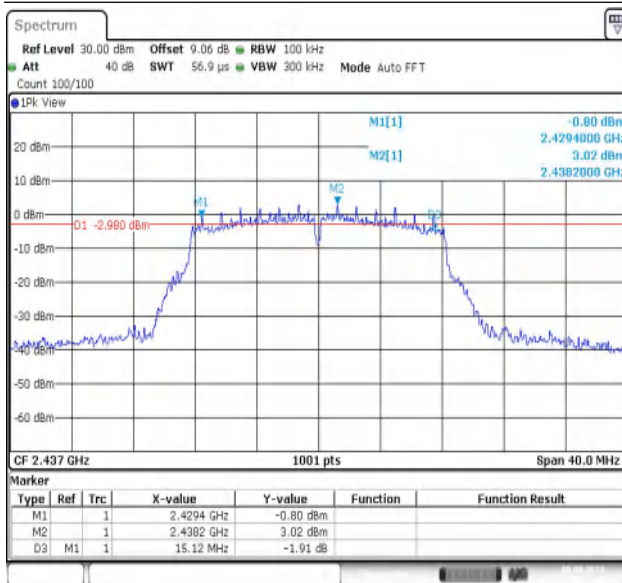
Date: 9.SEP.2024 09:28:17



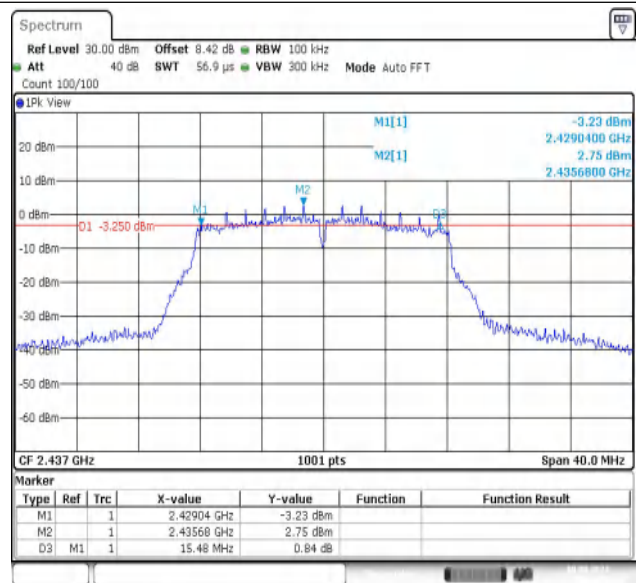
Date: 9.SEP.2024 09:32:15

11G-CDD-Ant1-2412-PASS

11G-CDD-Ant2-2412-PASS



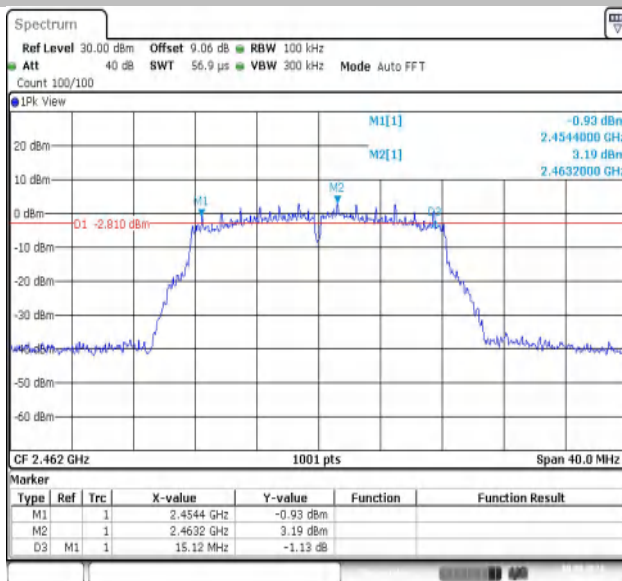
Date: 9.SEP.2024 09:35:45



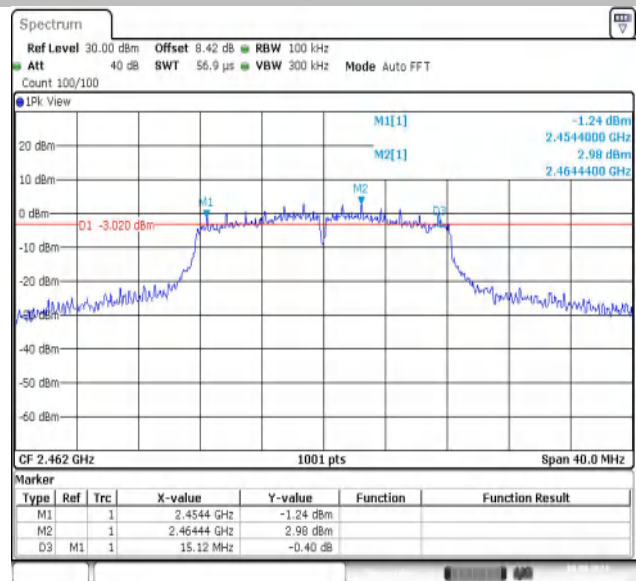
Date: 9.SEP.2024 09:38:09

11G-CDD-Ant1-2437-PASS

11G-CDD-Ant2-2437-PASS



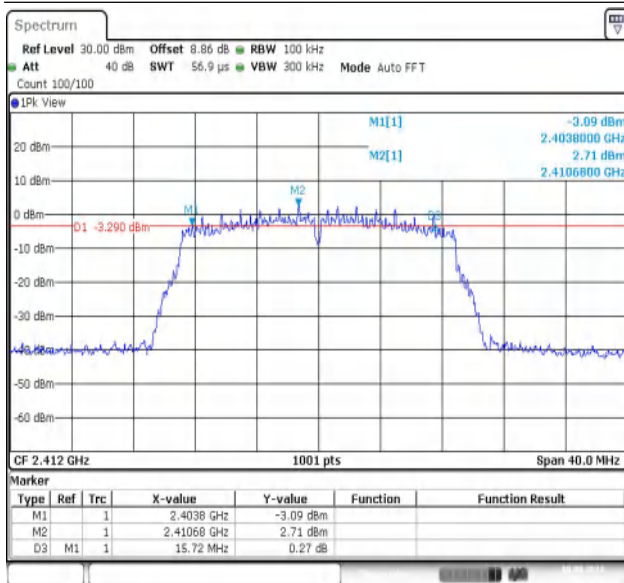
Date: 9.SEP.2024 09:42:52



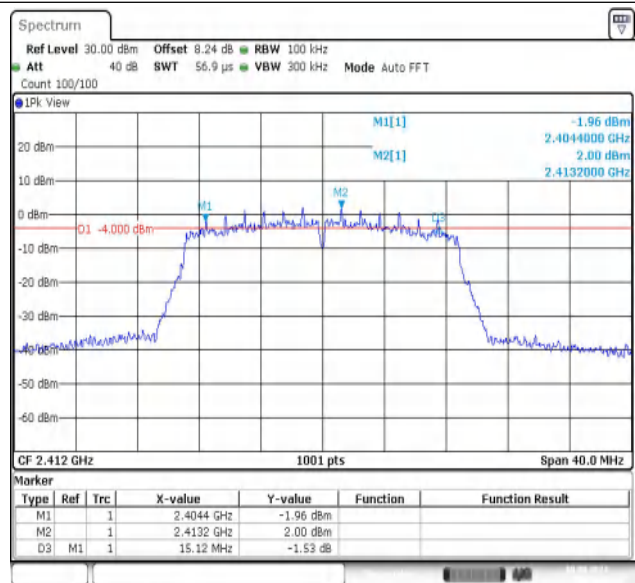
Date: 9.SEP.2024 09:47:19

11G-CDD-Ant1-2462-PASS

11G-CDD-Ant2-2462-PASS



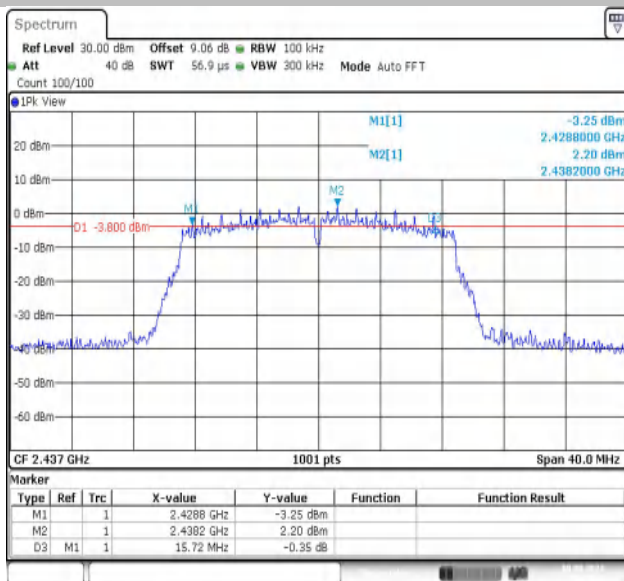
Date: 9.SEP.2024 09:51:28



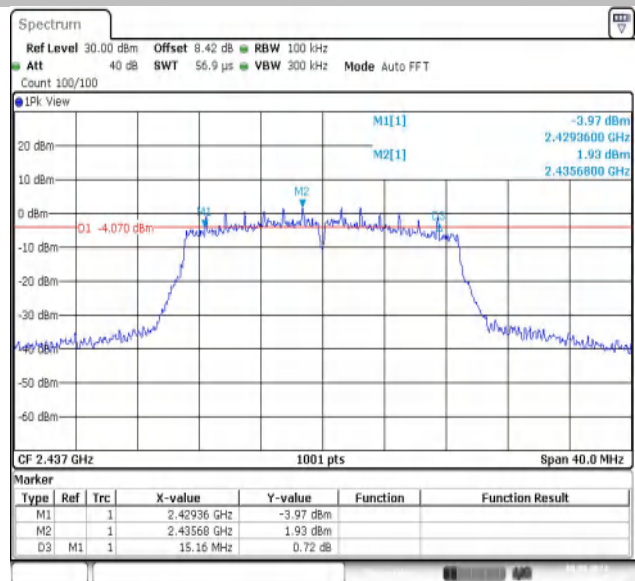
Date: 9.SEP.2024 09:54:36

11N20MIMO-Ant1-2412-PASS

11N20MIMO-Ant2-2412-PASS



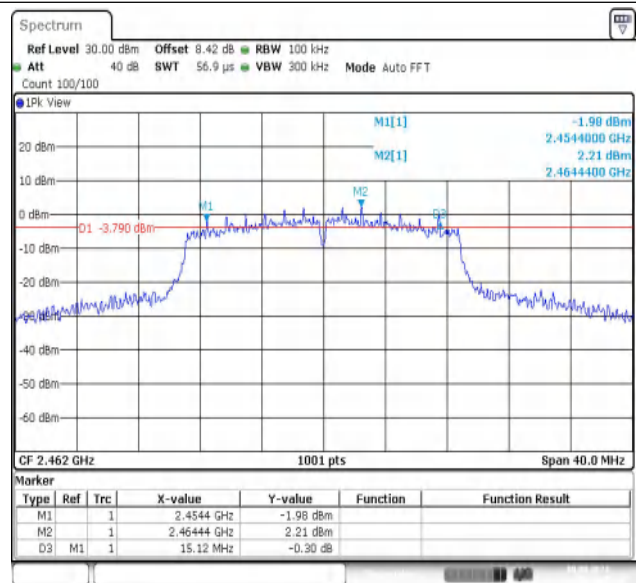
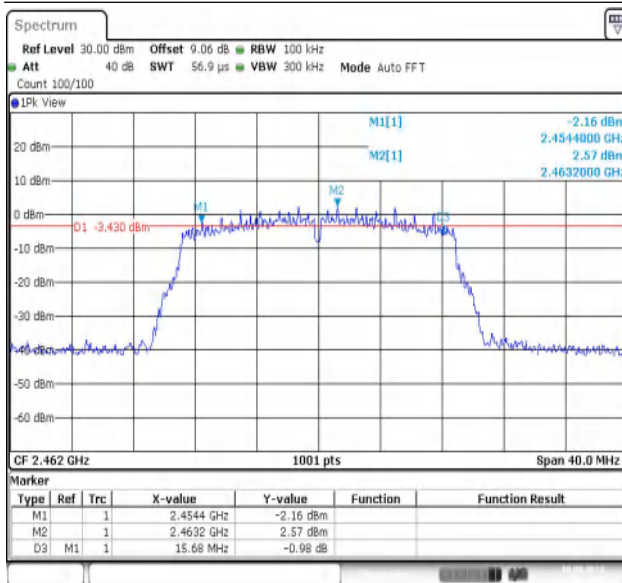
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Date: 9.SEP.2024 10:00:48

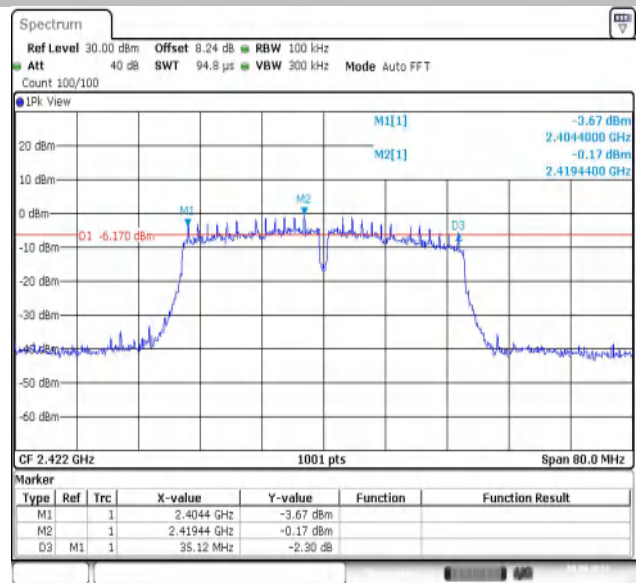
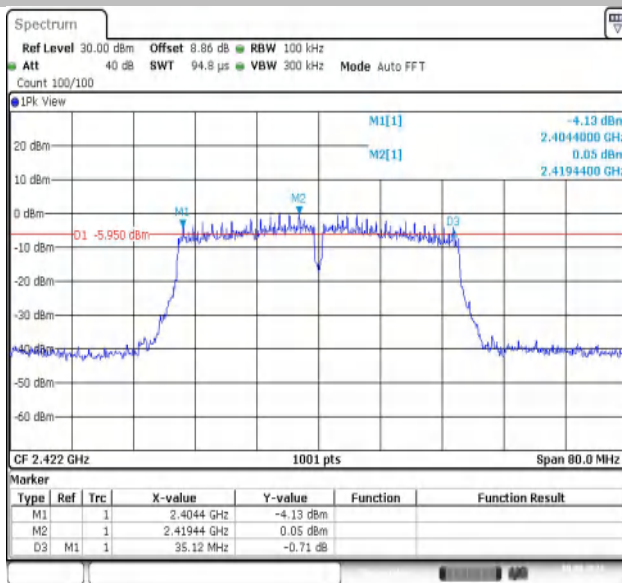
11N20MIMO-Ant1-2437-PASS

11N20MIMO-Ant2-2437-PASS



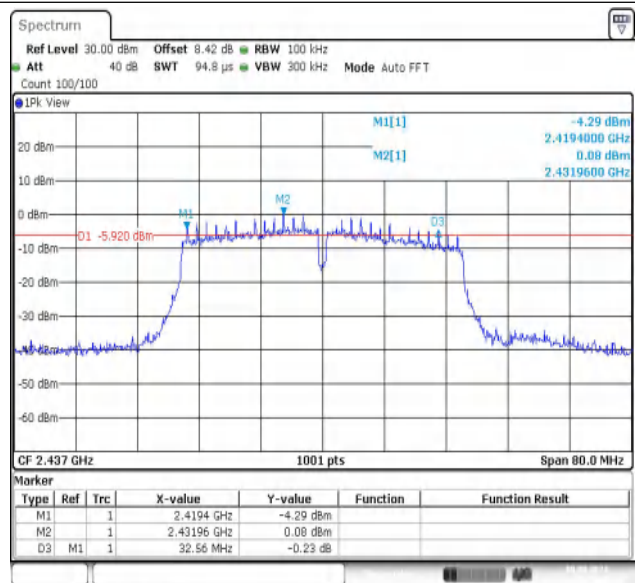
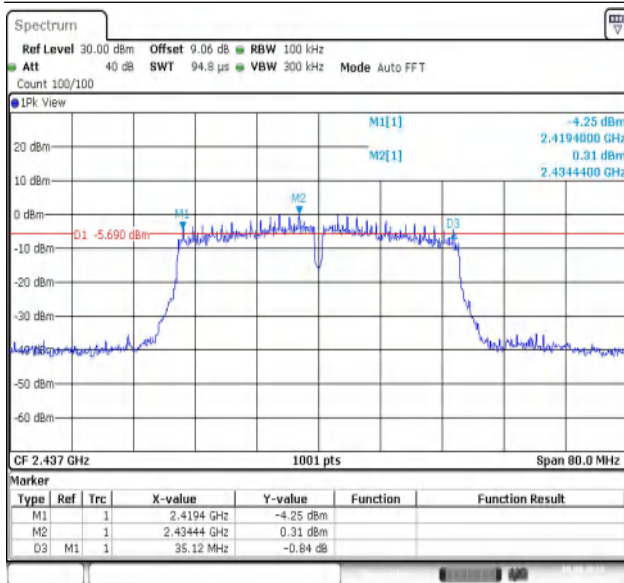
11N20MIMO-Ant1-2462-PASS

11N20MIMO-Ant2-2462-PASS



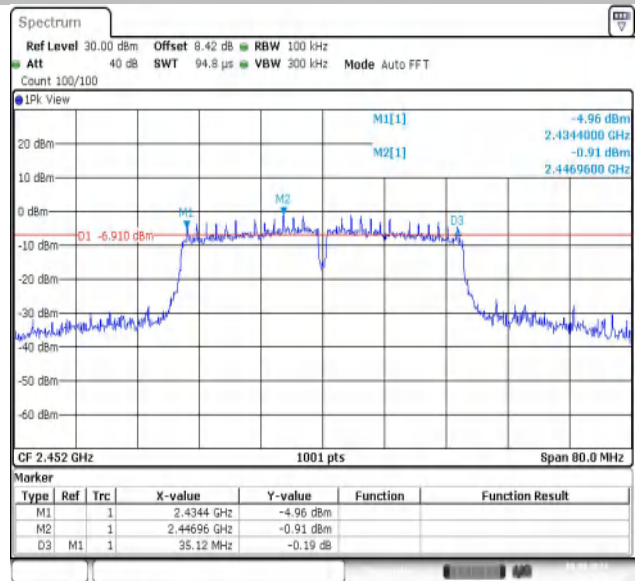
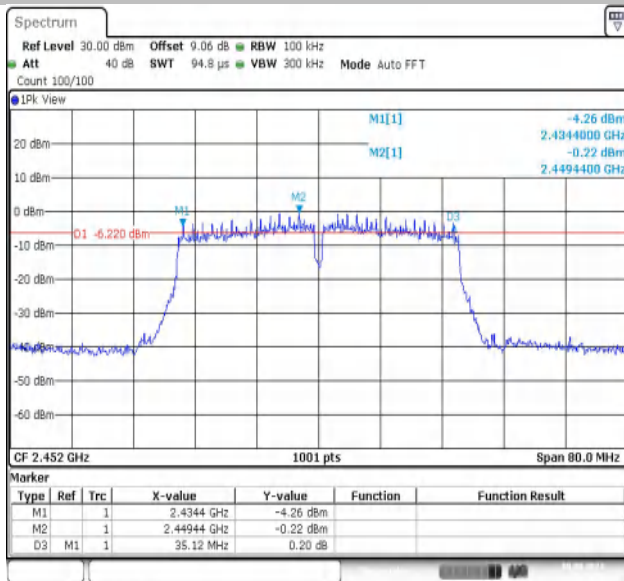
11N40MIMO-Ant1-2422-PASS

11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2437-PASS

11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS

11N40MIMO-Ant2-2452-PASS



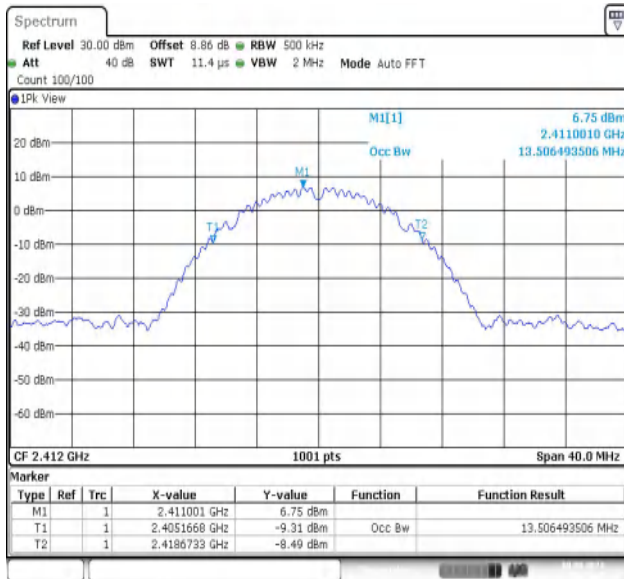
Appendix B: Occupied Channel Bandwidth

Test Result

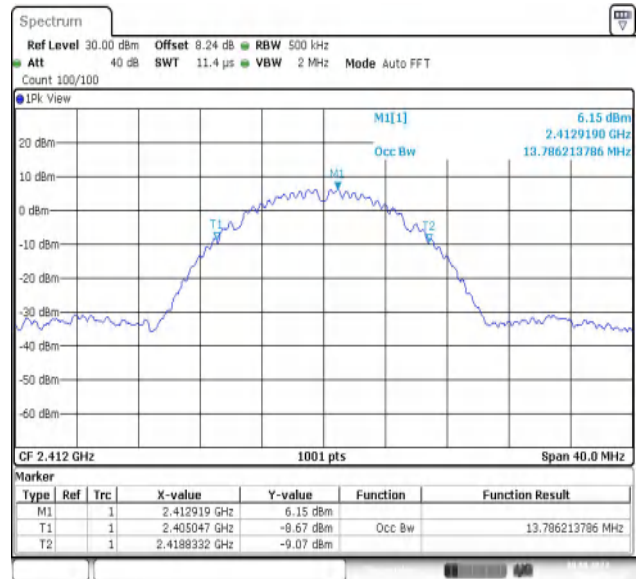
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	13.506	2405.1668	2418.6733	---	---
11B-CDD	Ant2	2412	13.786	2405.0470	2418.8332	---	---
11B-CDD	Ant1	2437	13.546	2430.1269	2443.6733	---	---
11B-CDD	Ant2	2437	13.866	2430.0070	2443.8731	---	---
11B-CDD	Ant1	2462	13.666	2455.2468	2468.9131	---	---
11B-CDD	Ant2	2462	13.506	2455.2867	2468.7932	---	---
11G-CDD	Ant1	2412	16.783	2403.4885	2420.2717	---	---
11G-CDD	Ant2	2412	17.103	2403.4086	2420.5115	---	---
11G-CDD	Ant1	2437	16.703	2428.5684	2445.2717	---	---
11G-CDD	Ant2	2437	17.263	2428.1289	2445.3916	---	---
11G-CDD	Ant1	2462	16.743	2453.5684	2470.3117	---	---
11G-CDD	Ant2	2462	17.582	2453.1688	2470.7512	---	---
11N20MIMO	Ant1	2412	17.662	2403.0889	2420.7512	---	---
11N20MIMO	Ant2	2412	17.902	2402.9291	2420.8312	---	---
11N20MIMO	Ant1	2437	17.662	2428.0889	2445.7512	---	---
11N20MIMO	Ant2	2437	17.902	2427.8891	2445.7912	---	---
11N20MIMO	Ant1	2462	17.702	2453.1289	2470.8312	---	---
11N20MIMO	Ant2	2462	18.581	2452.7293	2471.3107	---	---
11N40MIMO	Ant1	2422	36.284	2403.8581	2440.1419	---	---
11N40MIMO	Ant2	2422	36.044	2403.6983	2439.7423	---	---
11N40MIMO	Ant1	2437	36.044	2418.8581	2454.9021	---	---
11N40MIMO	Ant2	2437	36.204	2418.6983	2454.9021	---	---
11N40MIMO	Ant1	2452	36.444	2433.8581	2470.3017	---	---
11N40MIMO	Ant2	2452	36.444	2433.6983	2470.1419	---	---



Test Graphs



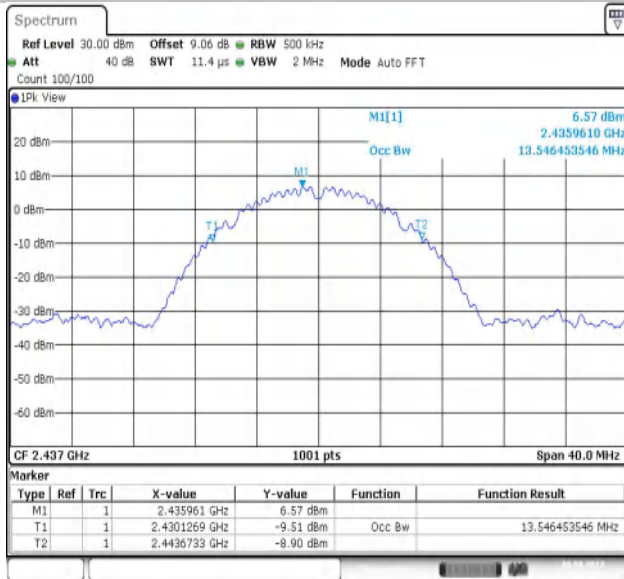
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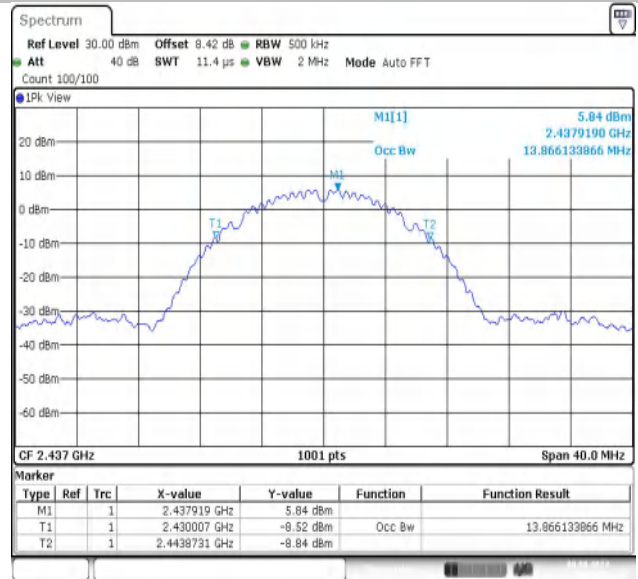
Date: 9.SEP.2024 09:14:56

11B-CDD-Ant1-2412

11B-CDD-Ant2-2412



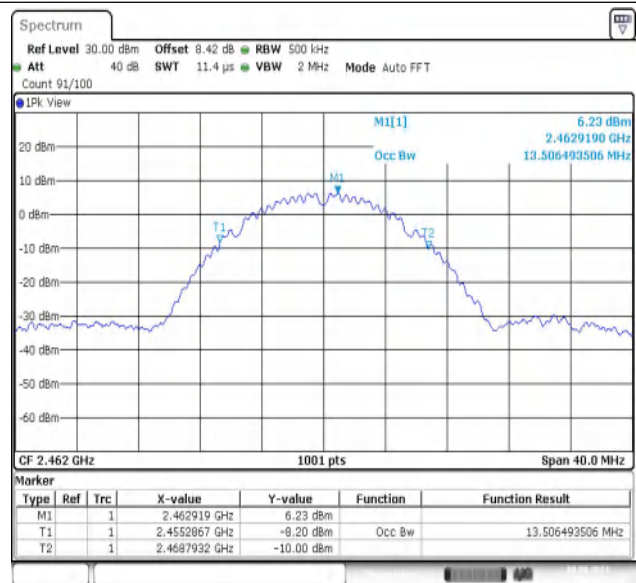
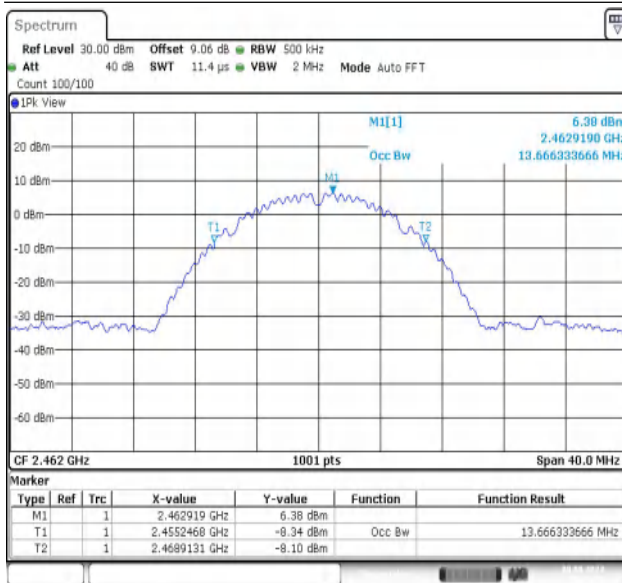
Date: 9.SEP.2024 09:17:54



Date: 9.SEP.2024 09:20:20

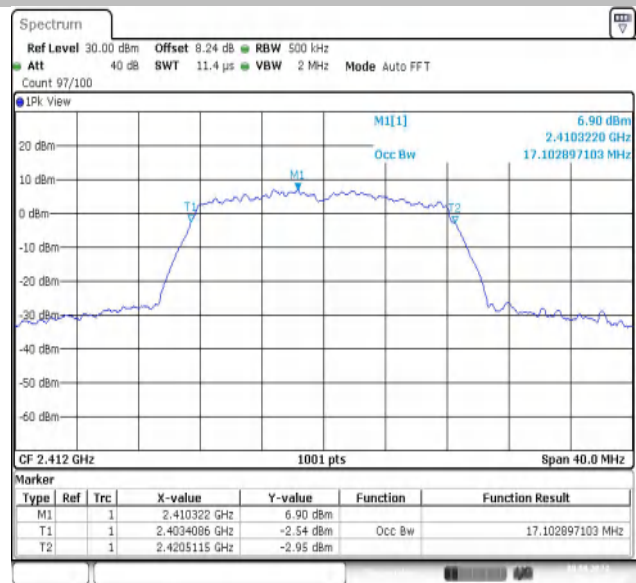
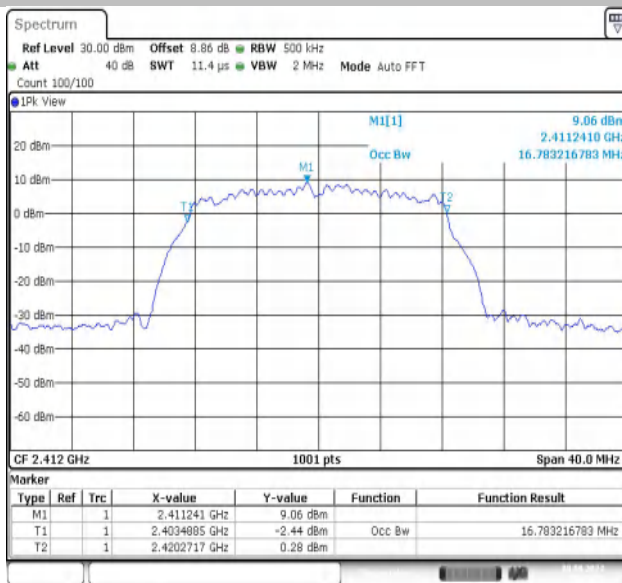
11B-CDD-Ant1-2437

11B-CDD-Ant2-2437



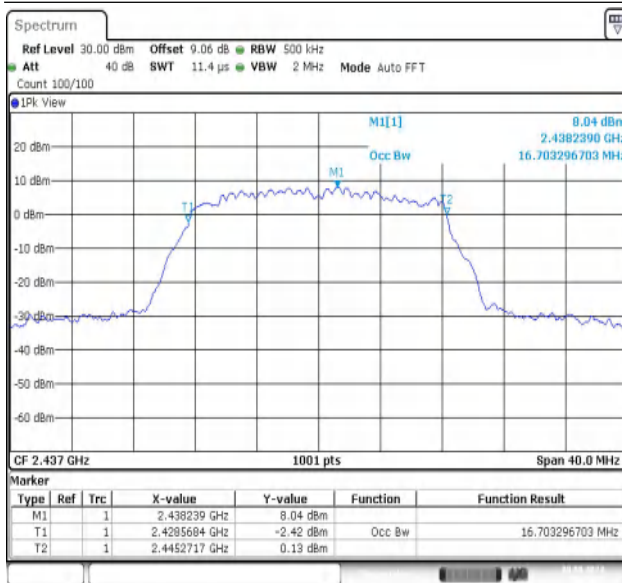
11B-CDD-Ant1-2462

11B-CDD-Ant2-2462

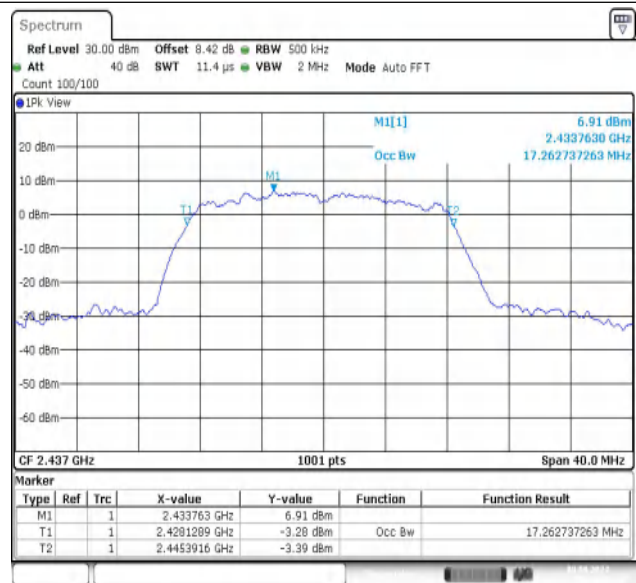


11G-CDD-Ant1-2412

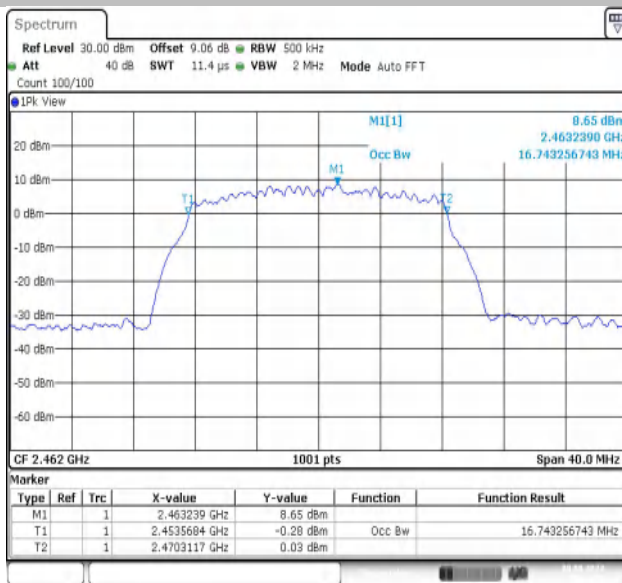
11G-CDD-Ant2-2412



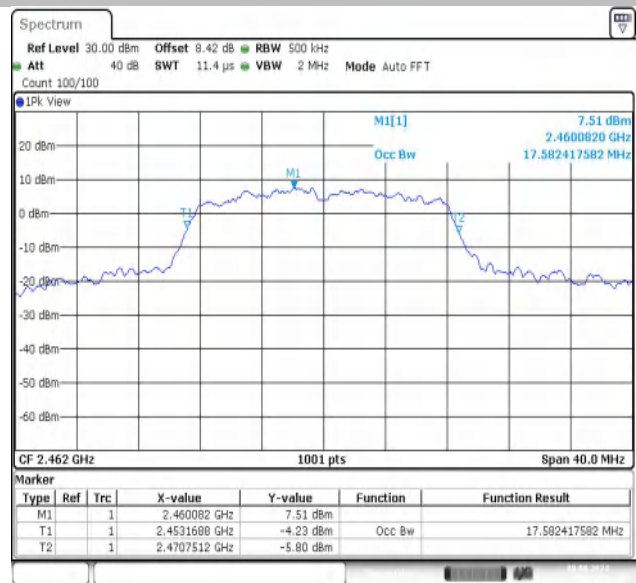
11G-CDD-Ant1-2437



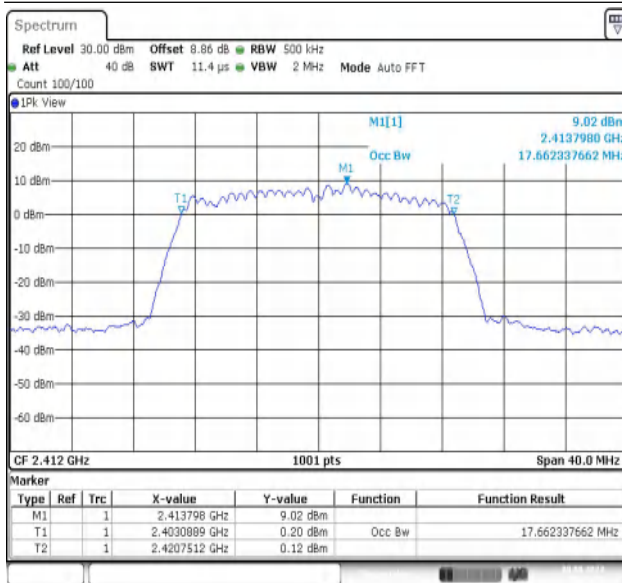
11G-CDD-Ant2-2437



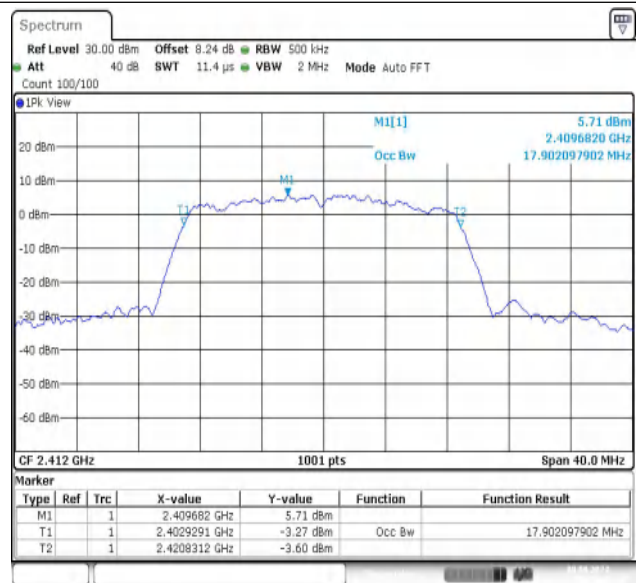
11G-CDD-Ant1-2462



11G-CDD-Ant2-2462



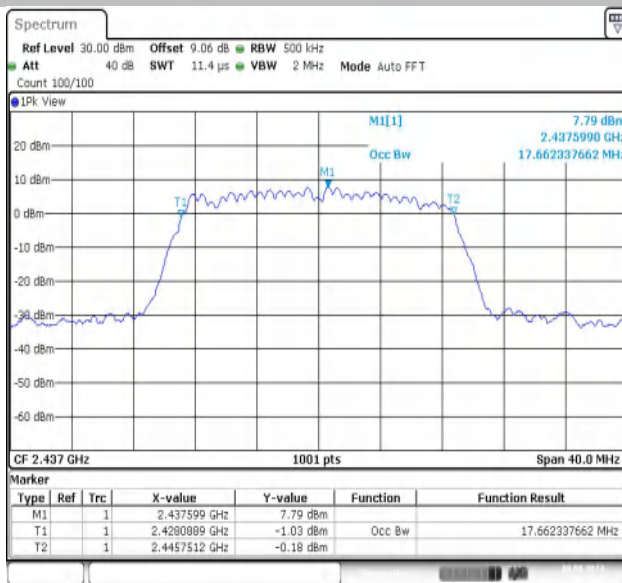
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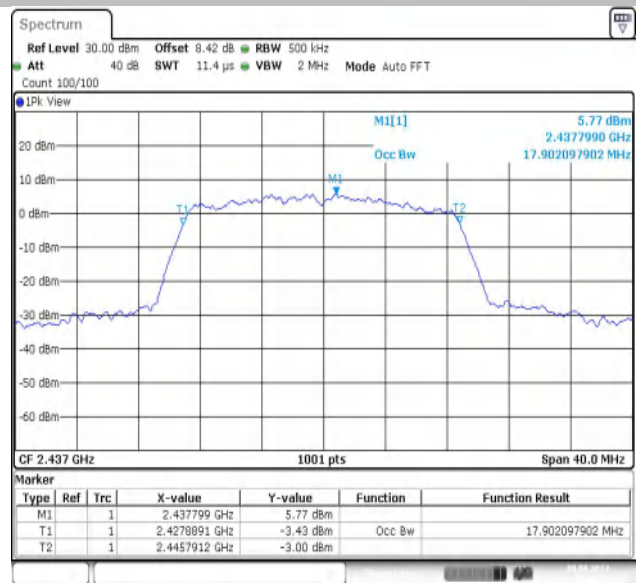
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11N20MIMO-Ant1-2412

11N20MIMO-Ant2-2412



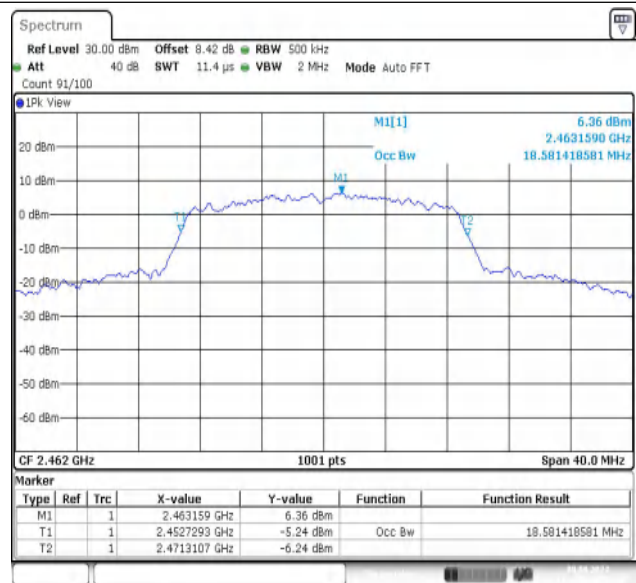
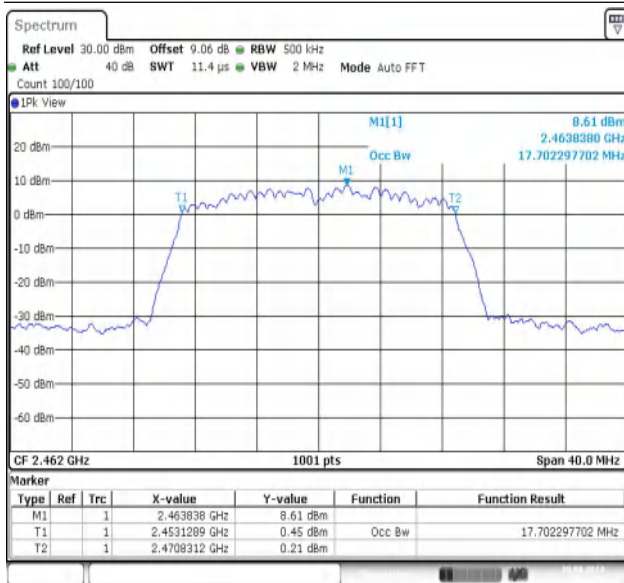
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Date: 9.SEP.2024 10:00:55

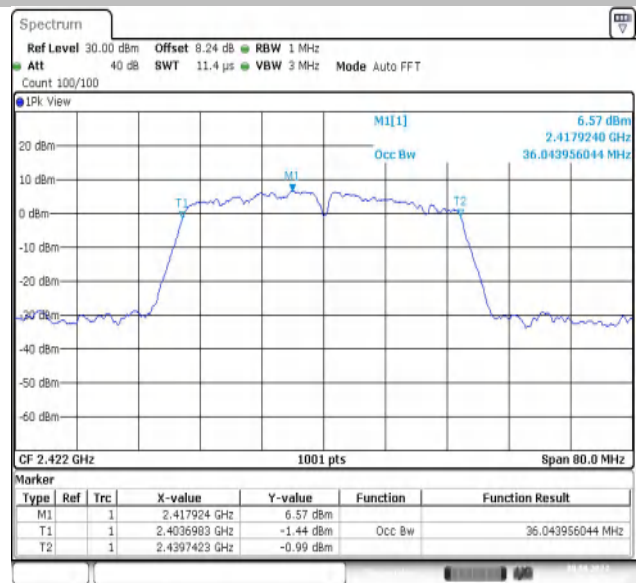
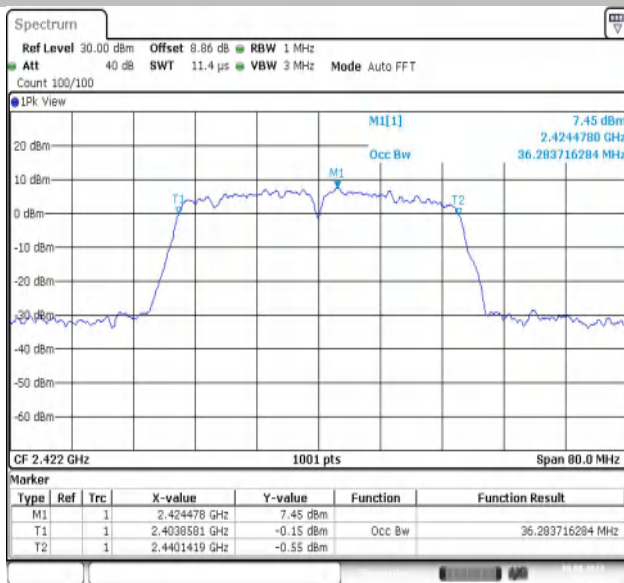
11N20MIMO-Ant1-2437

11N20MIMO-Ant2-2437



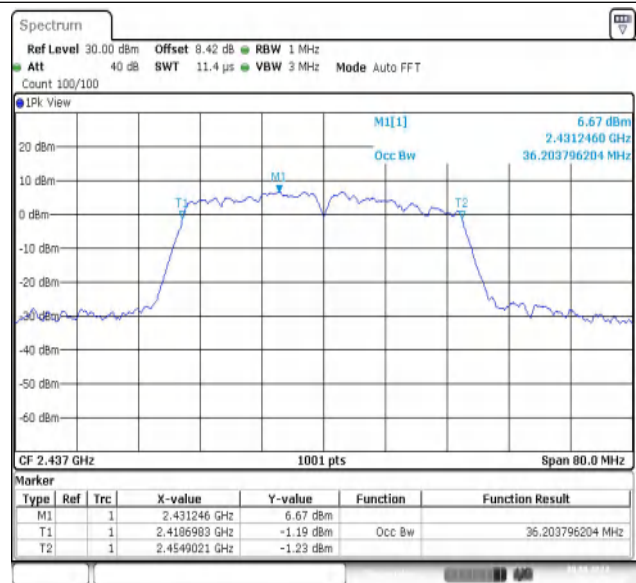
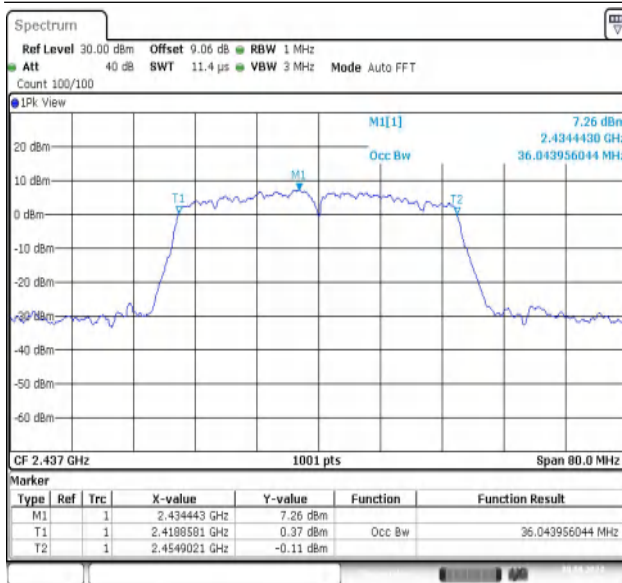
11N20MIMO-Ant1-2462

11N20MIMO-Ant2-2462



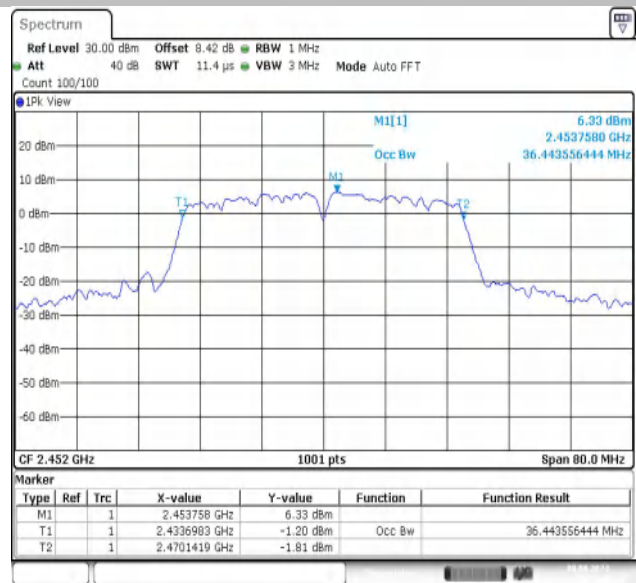
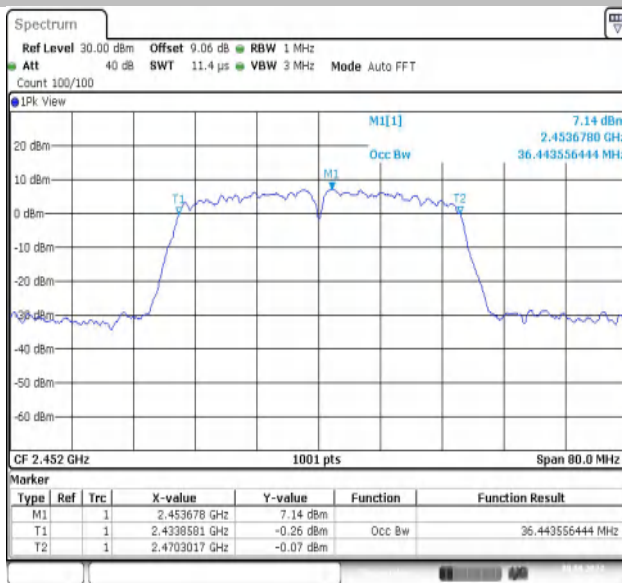
11N40MIMO-Ant1-2422

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]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11B-CDD	Ant1	2412	13.86	≤30.00	1.82	15.68	PASS
11B-CDD	Ant2	2412	14.11	≤30.00	1.82	15.93	PASS
11B-CDD	total	2412	17.00	≤30.00	4.83	21.83	PASS
11B-CDD	Ant1	2437	13.73	≤30.00	1.82	15.55	PASS
11B-CDD	Ant2	2437	14.24	≤30.00	1.82	16.06	PASS
11B-CDD	total	2437	17.00	≤30.00	4.83	21.83	PASS
11B-CDD	Ant1	2462	13.76	≤30.00	1.82	15.58	PASS
11B-CDD	Ant2	2462	14.87	≤30.00	1.82	16.69	PASS
11B-CDD	total	2462	17.36	≤30.00	4.83	22.19	PASS
11G-CDD	Ant1	2412	13.39	≤30.00	1.82	15.21	PASS
11G-CDD	Ant2	2412	13.19	≤30.00	1.82	15.01	PASS
11G-CDD	total	2412	16.30	≤30.00	4.83	21.13	PASS
11G-CDD	Ant1	2437	12.81	≤30.00	1.82	14.63	PASS
11G-CDD	Ant2	2437	13.24	≤30.00	1.82	15.06	PASS
11G-CDD	total	2437	16.04	≤30.00	4.83	20.87	PASS
11G-CDD	Ant1	2462	12.96	≤30.00	1.82	14.78	PASS
11G-CDD	Ant2	2462	14.12	≤30.00	1.82	15.94	PASS
11G-CDD	total	2462	16.59	≤30.00	4.83	21.42	PASS
11N20MIMO	Ant1	2412	12.49	≤30.00	1.82	14.31	PASS
11N20MIMO	Ant2	2412	12.09	≤30.00	1.82	13.91	PASS
11N20MIMO	total	2412	15.30	≤30.00	4.83	20.13	PASS
11N20MIMO	Ant1	2437	12.25	≤30.00	1.82	14.07	PASS
11N20MIMO	Ant2	2437	12.05	≤30.00	1.82	13.87	PASS
11N20MIMO	total	2437	15.16	≤30.00	4.83	19.99	PASS
11N20MIMO	Ant1	2462	12.44	≤30.00	1.82	14.26	PASS
11N20MIMO	Ant2	2462	13.08	≤30.00	1.82	14.90	PASS
11N20MIMO	total	2462	15.78	≤30.00	4.83	20.61	PASS
11N40MIMO	Ant1	2422	12.38	≤30.00	1.82	14.20	PASS
11N40MIMO	Ant2	2422	12.02	≤30.00	1.82	13.84	PASS
11N40MIMO	total	2422	15.21	≤30.00	4.83	20.04	PASS
11N40MIMO	Ant1	2437	12.19	≤30.00	1.82	14.01	PASS
11N40MIMO	Ant2	2437	11.99	≤30.00	1.82	13.81	PASS
11N40MIMO	total	2437	15.10	≤30.00	4.83	19.93	PASS
11N40MIMO	Ant1	2452	12.11	≤30.00	1.82	13.93	PASS
11N40MIMO	Ant2	2452	12.81	≤30.00	1.82	14.63	PASS
11N40MIMO	total	2452	15.48	≤30.00	4.83	20.31	PASS



Test Result Average

Test Mode	Antenna	Frequency [MHz]	Reading Power [dBm]	DC Factor [dB]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11B-CDD	Ant1	2412	10.61	0.02	10.63	≤30.00	1.82	12.45	PASS
11B-CDD	Ant2	2412	12.36	0.02	12.38	≤30.00	1.82	14.20	PASS
11B-CDD	total	2412	---	---	14.60	≤30.00	4.83	19.43	PASS
11B-CDD	Ant1	2437	10.93	0.02	10.95	≤30.00	1.82	12.77	PASS
11B-CDD	Ant2	2437	12.73	0.02	12.75	≤30.00	1.82	14.57	PASS
11B-CDD	total	2437	---	---	14.95	≤30.00	4.83	19.78	PASS
11B-CDD	Ant1	2462	10.75	0.02	10.77	≤30.00	1.82	12.59	PASS
11B-CDD	Ant2	2462	12.94	0.02	12.96	≤30.00	1.82	14.78	PASS
11B-CDD	total	2462	---	---	15.01	≤30.00	4.83	19.84	PASS
11G-CDD	Ant1	2412	5.24	0.15	5.39	≤30.00	1.82	7.21	PASS
11G-CDD	Ant2	2412	6.43	0.18	6.61	≤30.00	1.82	8.43	PASS
11G-CDD	total	2412	---	---	9.05	≤30.00	4.83	13.88	PASS
11G-CDD	Ant1	2437	5.08	0.15	5.23	≤30.00	1.82	7.05	PASS
11G-CDD	Ant2	2437	6.86	0.18	7.04	≤30.00	1.82	8.86	PASS
11G-CDD	total	2437	---	---	9.24	≤30.00	4.83	14.07	PASS
11G-CDD	Ant1	2462	5.23	0.15	5.38	≤30.00	1.82	7.20	PASS
11G-CDD	Ant2	2462	7.31	0.18	7.49	≤30.00	1.82	9.31	PASS
11G-CDD	total	2462	---	---	9.57	≤30.00	4.83	14.40	PASS
11N20MIMO	Ant1	2412	4.48	0.20	4.68	≤30.00	1.82	6.50	PASS
11N20MIMO	Ant2	2412	5.46	0.20	5.66	≤30.00	1.82	7.48	PASS
11N20MIMO	total	2412	---	---	8.21	≤30.00	4.83	13.04	PASS
11N20MIMO	Ant1	2437	4.27	0.20	4.47	≤30.00	1.82	6.29	PASS
11N20MIMO	Ant2	2437	5.79	0.20	5.99	≤30.00	1.82	7.81	PASS
11N20MIMO	total	2437	---	---	8.31	≤30.00	4.83	13.14	PASS
11N20MIMO	Ant1	2462	4.40	0.20	4.60	≤30.00	1.82	6.42	PASS
11N20MIMO	Ant2	2462	6.24	0.20	6.44	≤30.00	1.82	8.26	PASS
11N20MIMO	total	2462	---	---	8.63	≤30.00	4.83	13.46	PASS
11N40MIMO	Ant1	2422	4.07	0.32	4.39	≤30.00	1.82	6.21	PASS
11N40MIMO	Ant2	2422	5.50	0.32	5.82	≤30.00	1.82	7.64	PASS
11N40MIMO	total	2422	---	---	8.17	≤30.00	4.83	13.00	PASS
11N40MIMO	Ant1	2437	4.03	0.32	4.35	≤30.00	1.82	6.17	PASS
11N40MIMO	Ant2	2437	5.83	0.32	6.15	≤30.00	1.82	7.97	PASS
11N40MIMO	total	2437	---	---	8.35	≤30.00	4.83	13.18	PASS
11N40MIMO	Ant1	2452	4.08	0.32	4.40	≤30.00	1.82	6.22	PASS
11N40MIMO	Ant2	2452	6.12	0.32	6.44	≤30.00	1.82	8.26	PASS
11N40MIMO	total	2452	---	---	8.55	≤30.00	4.83	13.38	PASS

AV Power [dBm]= Reading power +DC Factor



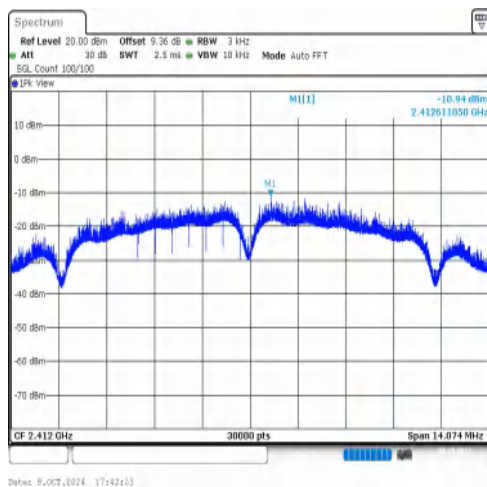
Appendix D: Maximum power spectral density

Test Result

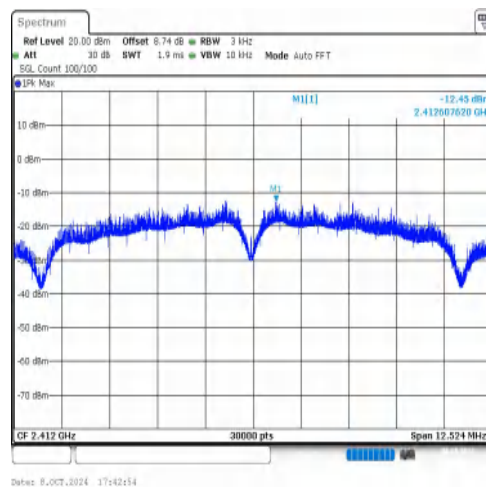
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-10.94	≤8.00	PASS
11B-CDD	Ant2	2412	-12.45	≤8.00	PASS
11B-CDD	total	2412	-8.62	≤8.00	PASS
11B-CDD	Ant1	2437	-9.75	≤8.00	PASS
11B-CDD	Ant2	2437	-11.11	≤8.00	PASS
11B-CDD	total	2437	-7.37	≤8.00	PASS
11B-CDD	Ant1	2462	-11.03	≤8.00	PASS
11B-CDD	Ant2	2462	-11.42	≤8.00	PASS
11B-CDD	total	2462	-8.21	≤8.00	PASS
11G-CDD	Ant1	2412	-18.68	≤8.00	PASS
11G-CDD	Ant2	2412	-19.12	≤8.00	PASS
11G-CDD	total	2412	-15.88	≤8.00	PASS
11G-CDD	Ant1	2437	-18.54	≤8.00	PASS
11G-CDD	Ant2	2437	-18.75	≤8.00	PASS
11G-CDD	total	2437	-15.63	≤8.00	PASS
11G-CDD	Ant1	2462	-17.99	≤8.00	PASS
11G-CDD	Ant2	2462	-19.20	≤8.00	PASS
11G-CDD	total	2462	-15.54	≤8.00	PASS
11N20MIMO	Ant1	2412	-20.33	≤8.00	PASS
11N20MIMO	Ant2	2412	-19.81	≤8.00	PASS
11N20MIMO	total	2412	-17.05	≤8.00	PASS
11N20MIMO	Ant1	2437	-20.40	≤8.00	PASS
11N20MIMO	Ant2	2437	-18.35	≤8.00	PASS
11N20MIMO	total	2437	-16.24	≤8.00	PASS
11N20MIMO	Ant1	2462	-18.44	≤8.00	PASS
11N20MIMO	Ant2	2462	-19.34	≤8.00	PASS
11N20MIMO	total	2462	-15.86	≤8.00	PASS
11N40MIMO	Ant1	2422	-22.75	≤8.00	PASS
11N40MIMO	Ant2	2422	-23.23	≤8.00	PASS
11N40MIMO	total	2422	-19.97	≤8.00	PASS
11N40MIMO	Ant1	2437	-23.00	≤8.00	PASS
11N40MIMO	Ant2	2437	-22.47	≤8.00	PASS
11N40MIMO	total	2437	-19.72	≤8.00	PASS
11N40MIMO	Ant1	2452	-21.91	≤8.00	PASS
11N40MIMO	Ant2	2452	-23.58	≤8.00	PASS
11N40MIMO	total	2452	-19.65	≤8.00	PASS



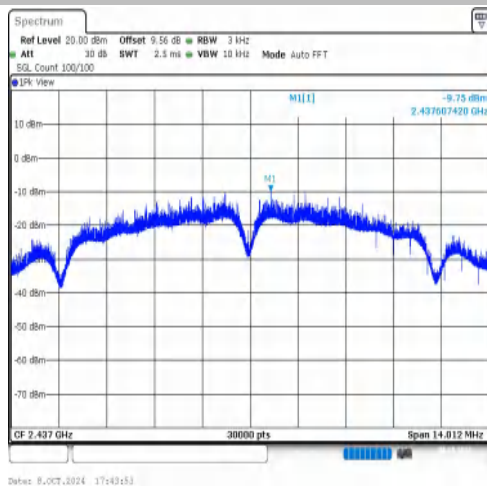
Test Graphs



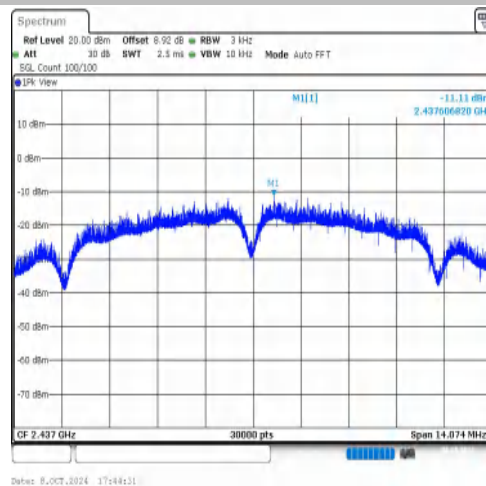
11B-CDD-Ant1-2412-PASS



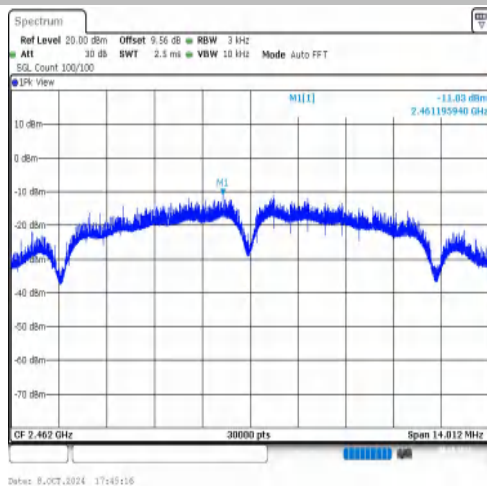
11B-CDD-Ant2-2412-PASS



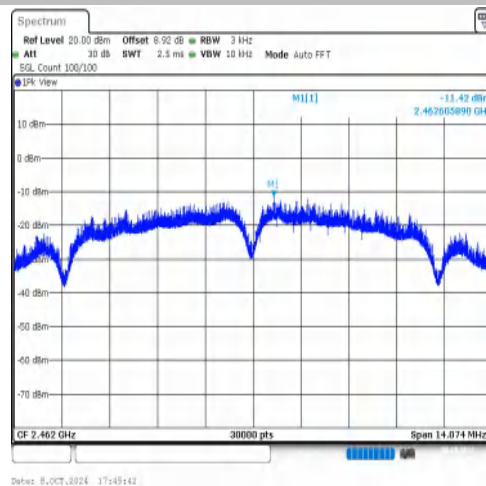
11B-CDD-Ant1-2437-PASS



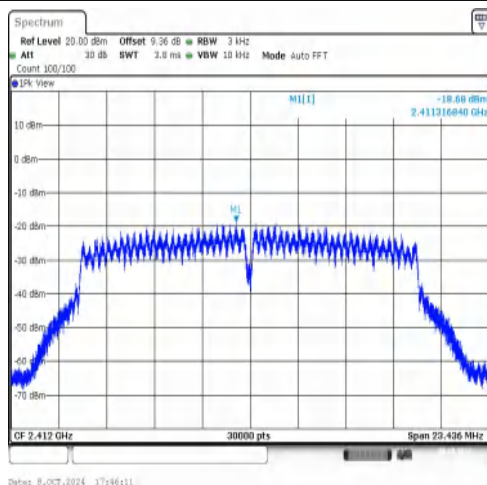
11B-CDD-Ant2-2437-PASS



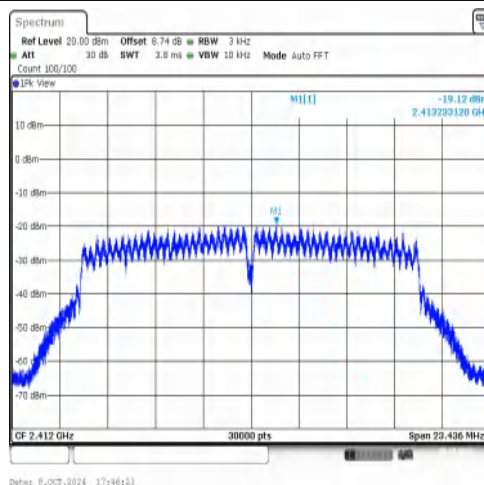
11B-CDD-Ant1-2462-PASS



11B-CDD-Ant2-2462-PASS



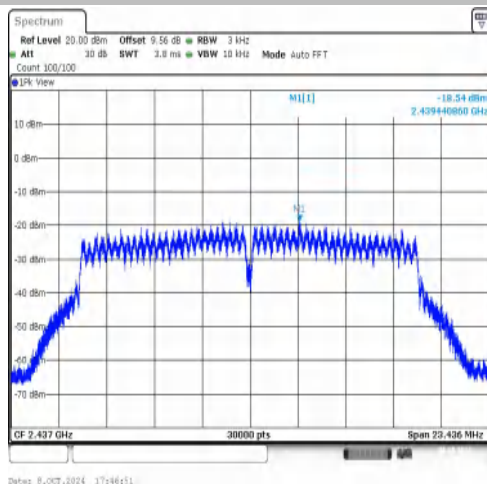
Date: 8, OCT, 2024 17:46:11



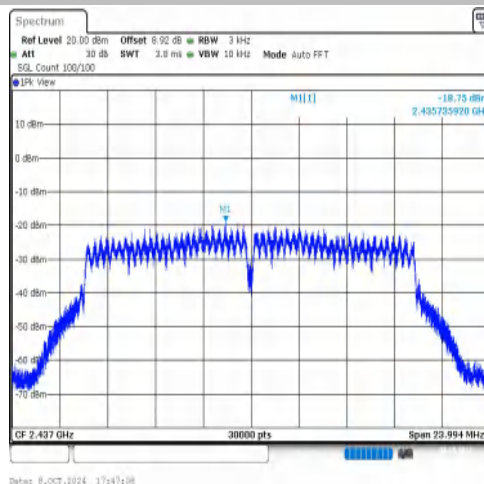
Date: 8, OCT, 2024 17:46:13

11G-CDD-Ant1-2412-PASS

11G-CDD-Ant2-2412-PASS



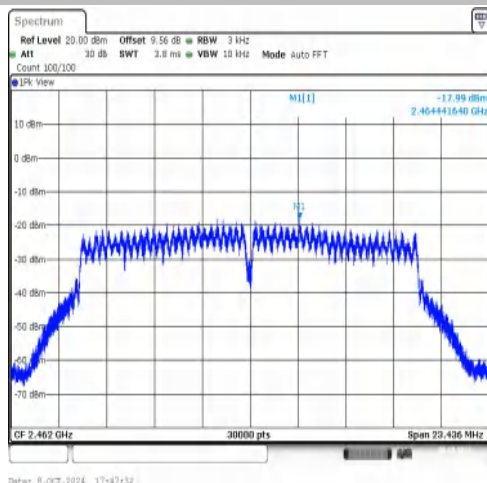
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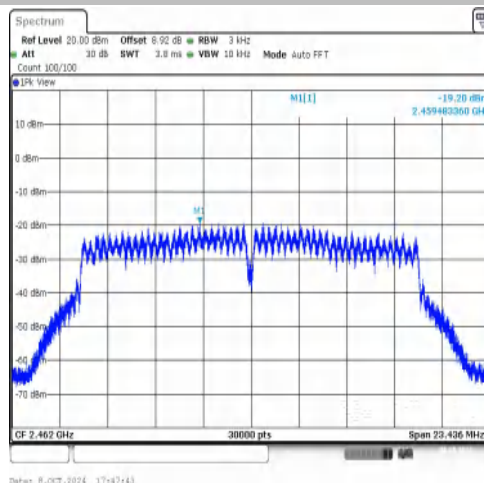
Date: 8, OCT, 2024 17:47:08

11G-CDD-Ant1-2437-PASS

11G-CDD-Ant2-2437-PASS



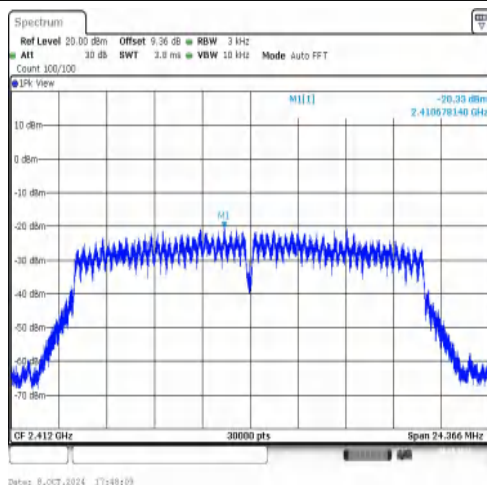
Date: 8, OCT, 2024 17:47:32



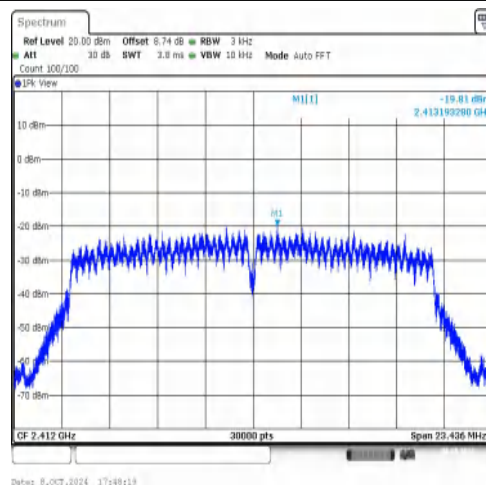
Date: 8, OCT, 2024 17:47:43

11G-CDD-Ant1-2462-PASS

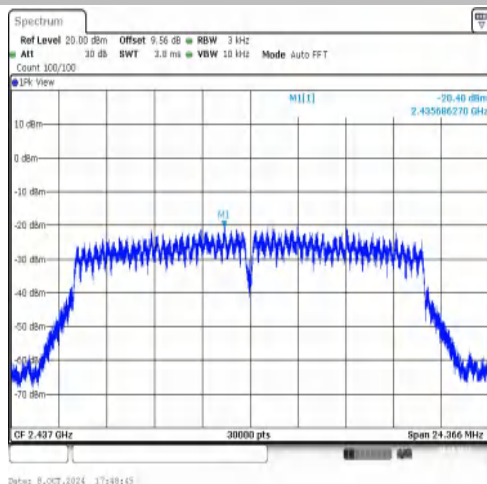
11G-CDD-Ant2-2462-PASS



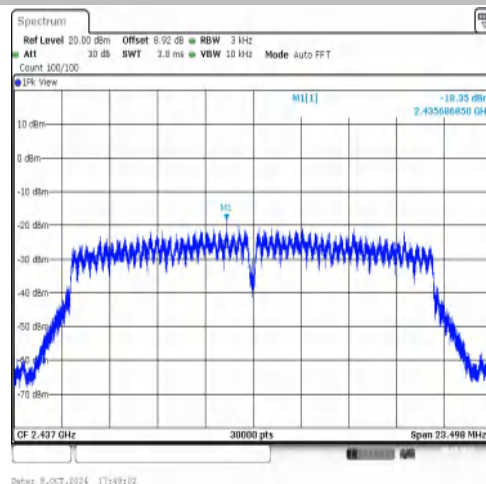
11N20MIMO-Ant1-2412-PASS



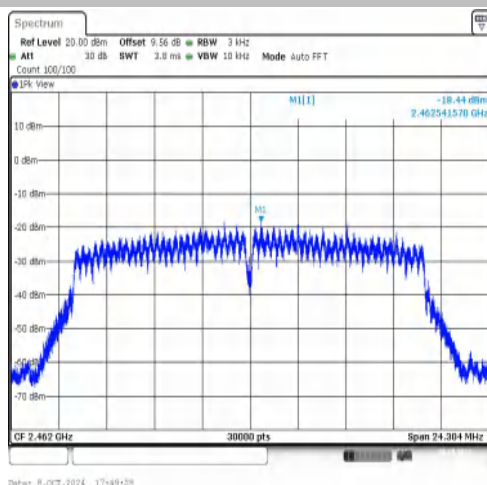
11N20MIMO-Ant2-2412-PASS



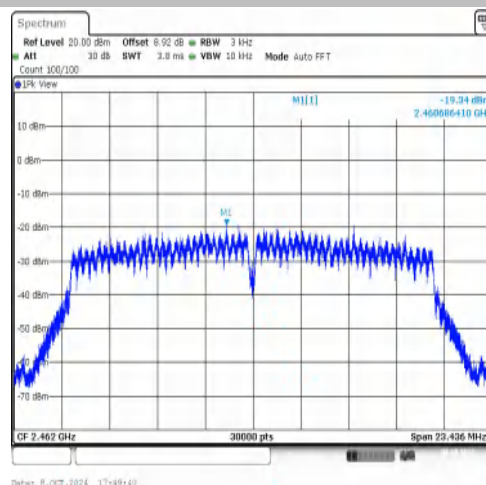
11N20MIMO-Ant1-2437-PASS



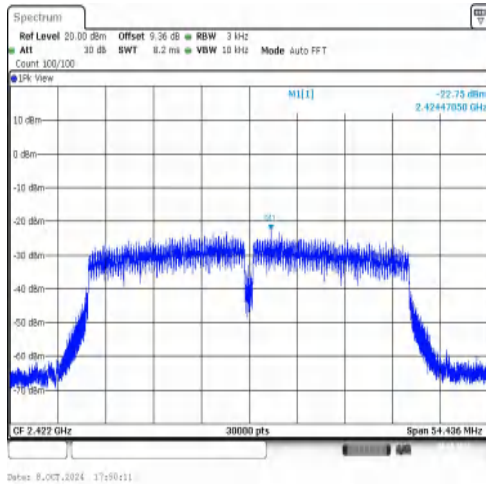
11N20MIMO-Ant2-2437-PASS



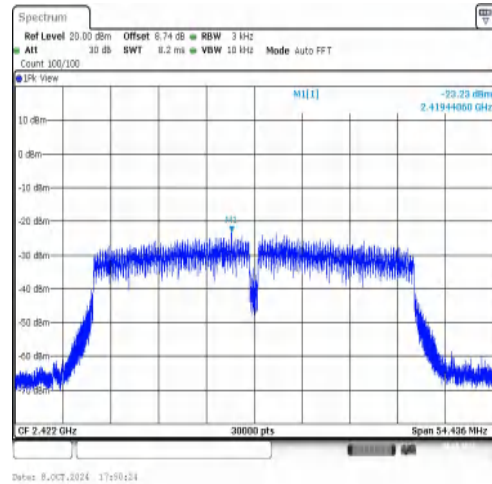
11N20MIMO-Ant1-2462-PASS



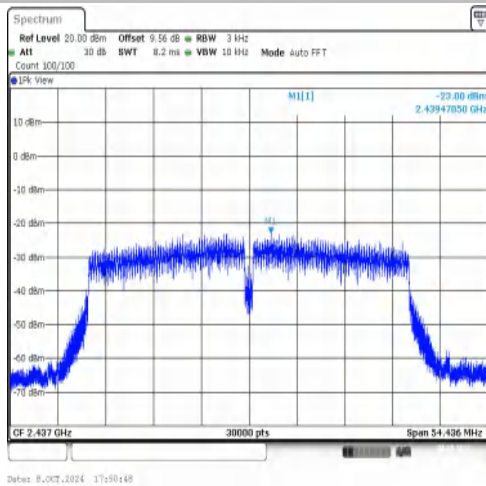
11N20MIMO-Ant2-2462-PASS



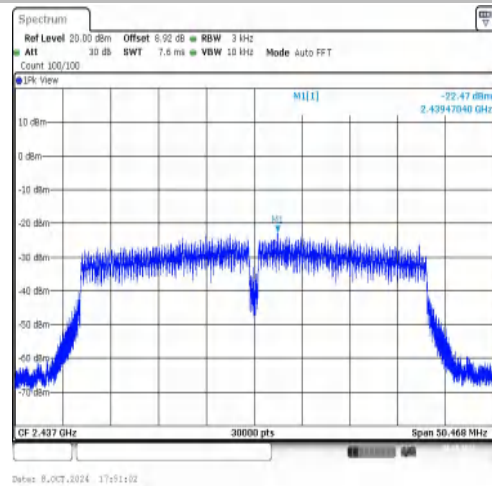
11N40MIMO-Ant1-2422-PASS



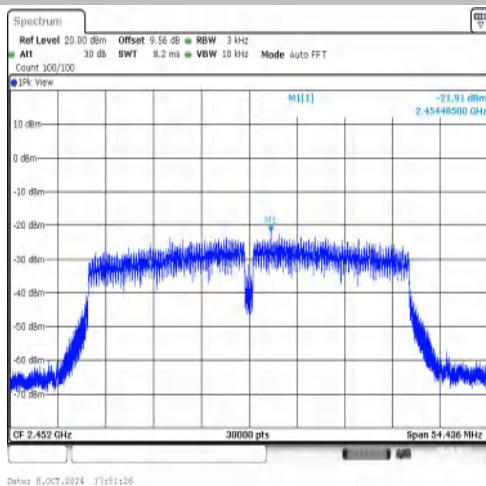
11N40MIMO-Ant2-2422-PASS



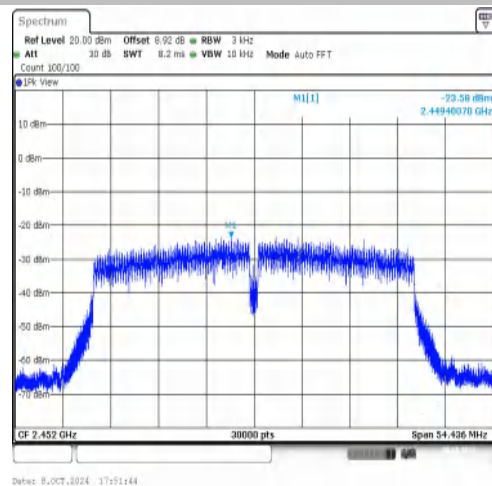
11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



Appendix E: Conducted Spurious Emission

Test Result

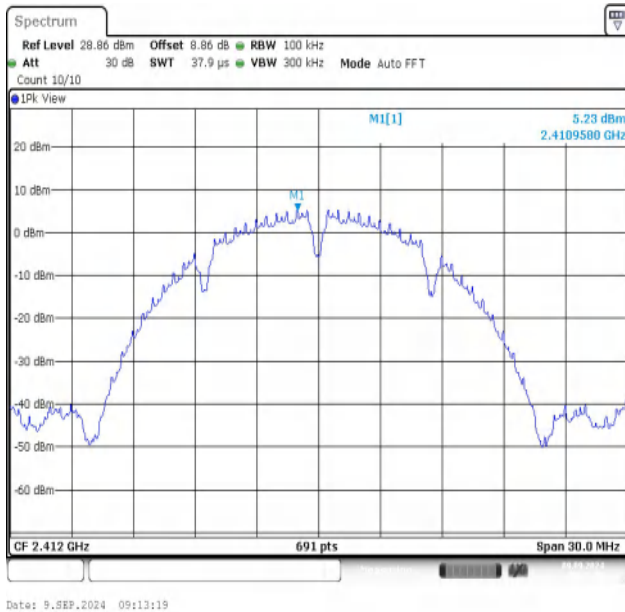
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	0~Reference	5.23	5.23	---	PASS
11B-CDD	Ant2	2412	0~Reference	4.69	4.69	---	PASS
11B-CDD	Ant1	2412	30~1000	5.23	-57.95	≤-14.77	PASS
11B-CDD	Ant2	2412	30~1000	4.69	-59.09	≤-15.31	PASS
11B-CDD	Ant1	2412	1000~26500	5.23	-48.35	≤-14.77	PASS
11B-CDD	Ant2	2412	1000~26500	4.69	-47.31	≤-15.31	PASS
11B-CDD	Ant1	2437	0~Reference	5.03	5.03	---	PASS
11B-CDD	Ant2	2437	0~Reference	4.43	4.43	---	PASS
11B-CDD	Ant1	2437	30~1000	5.03	-58.33	≤-14.97	PASS
11B-CDD	Ant2	2437	30~1000	4.43	-59.02	≤-15.57	PASS
11B-CDD	Ant1	2437	1000~26500	5.03	-47.03	≤-14.97	PASS
11B-CDD	Ant2	2437	1000~26500	4.43	-46.99	≤-15.57	PASS
11B-CDD	Ant1	2462	0~Reference	5.10	5.10	---	PASS
11B-CDD	Ant2	2462	0~Reference	6.17	6.17	---	PASS
11B-CDD	Ant1	2462	30~1000	5.10	-57.62	≤-14.9	PASS
11B-CDD	Ant2	2462	30~1000	6.17	-58.64	≤-13.83	PASS
11B-CDD	Ant1	2462	1000~26500	5.10	-47.79	≤-14.9	PASS
11B-CDD	Ant2	2462	1000~26500	6.17	-49.12	≤-13.83	PASS
11G-CDD	Ant1	2412	0~Reference	3.81	3.81	---	PASS
11G-CDD	Ant2	2412	0~Reference	3.29	3.29	---	PASS
11G-CDD	Ant1	2412	30~1000	3.81	-58	≤-16.19	PASS
11G-CDD	Ant2	2412	30~1000	3.29	-56.99	≤-16.71	PASS
11G-CDD	Ant1	2412	1000~26500	3.81	-47.27	≤-16.19	PASS
11G-CDD	Ant2	2412	1000~26500	3.29	-47.99	≤-16.71	PASS
11G-CDD	Ant1	2437	0~Reference	3.37	3.37	---	PASS
11G-CDD	Ant2	2437	0~Reference	2.84	2.84	---	PASS
11G-CDD	Ant1	2437	30~1000	3.37	-57.6	≤-16.63	PASS
11G-CDD	Ant2	2437	30~1000	2.84	-58.27	≤-17.16	PASS
11G-CDD	Ant1	2437	1000~26500	3.37	-47.37	≤-16.63	PASS
11G-CDD	Ant2	2437	1000~26500	2.84	-48.18	≤-17.16	PASS
11G-CDD	Ant1	2462	0~Reference	3.68	3.68	---	PASS
11G-CDD	Ant2	2462	0~Reference	3.33	3.33	---	PASS
11G-CDD	Ant1	2462	30~1000	3.68	-58.45	≤-16.32	PASS
11G-CDD	Ant2	2462	30~1000	3.33	-57.76	≤-16.67	PASS
11G-CDD	Ant1	2462	1000~26500	3.68	-47.66	≤-16.32	PASS
11G-CDD	Ant2	2462	1000~26500	3.33	-47.97	≤-16.67	PASS
11N20MIMO	Ant1	2412	0~Reference	2.55	2.55	---	PASS



11N20MIMO	Ant2	2412	0~Reference	2.36	2.36	---	PASS
11N20MIMO	Ant1	2412	30~1000	2.55	-58.7	≤ -17.45	PASS
11N20MIMO	Ant2	2412	30~1000	2.36	-59.06	≤ -17.64	PASS
11N20MIMO	Ant1	2412	1000~26500	2.55	-47.71	≤ -17.45	PASS
11N20MIMO	Ant2	2412	1000~26500	2.36	-48.87	≤ -17.64	PASS
11N20MIMO	Ant1	2437	0~Reference	2.58	2.58	---	PASS
11N20MIMO	Ant2	2437	0~Reference	2.02	2.02	---	PASS
11N20MIMO	Ant1	2437	30~1000	2.58	-58.67	≤ -17.42	PASS
11N20MIMO	Ant2	2437	30~1000	2.02	-58.73	≤ -17.98	PASS
11N20MIMO	Ant1	2437	1000~26500	2.58	-47.8	≤ -17.42	PASS
11N20MIMO	Ant2	2437	1000~26500	2.02	-48.41	≤ -17.98	PASS
11N20MIMO	Ant1	2462	0~Reference	3.11	3.11	---	PASS
11N20MIMO	Ant2	2462	0~Reference	2.64	2.64	---	PASS
11N20MIMO	Ant1	2462	30~1000	3.11	-57.31	≤ -16.89	PASS
11N20MIMO	Ant2	2462	30~1000	2.64	-58.85	≤ -17.36	PASS
11N20MIMO	Ant1	2462	1000~26500	3.11	-47.93	≤ -16.89	PASS
11N20MIMO	Ant2	2462	1000~26500	2.64	-47.84	≤ -17.36	PASS
11N40MIMO	Ant1	2422	0~Reference	0.33	0.33	---	PASS
11N40MIMO	Ant2	2422	0~Reference	0.06	0.06	---	PASS
11N40MIMO	Ant1	2422	30~1000	0.33	-48.39	≤ -19.67	PASS
11N40MIMO	Ant2	2422	30~1000	0.06	-49.24	≤ -19.94	PASS
11N40MIMO	Ant1	2422	1000~26500	0.33	-48	≤ -19.67	PASS
11N40MIMO	Ant2	2422	1000~26500	0.06	-47.47	≤ -19.94	PASS
11N40MIMO	Ant1	2437	0~Reference	0.47	0.47	---	PASS
11N40MIMO	Ant2	2437	0~Reference	0.23	0.23	---	PASS
11N40MIMO	Ant1	2437	30~1000	0.47	-49.19	≤ -19.53	PASS
11N40MIMO	Ant2	2437	30~1000	0.23	-48.42	≤ -19.77	PASS
11N40MIMO	Ant1	2437	1000~26500	0.47	-46.85	≤ -19.53	PASS
11N40MIMO	Ant2	2437	1000~26500	0.23	-48.1	≤ -19.77	PASS
11N40MIMO	Ant1	2452	0~Reference	-0.09	-0.09	---	PASS
11N40MIMO	Ant2	2452	0~Reference	-0.54	-0.54	---	PASS
11N40MIMO	Ant1	2452	30~1000	-0.09	-49.55	≤ -20.09	PASS
11N40MIMO	Ant2	2452	30~1000	-0.54	-47.69	≤ -20.54	PASS
11N40MIMO	Ant1	2452	1000~26500	-0.09	-47.91	≤ -20.09	PASS
11N40MIMO	Ant2	2452	1000~26500	-0.54	-47.59	≤ -20.54	PASS



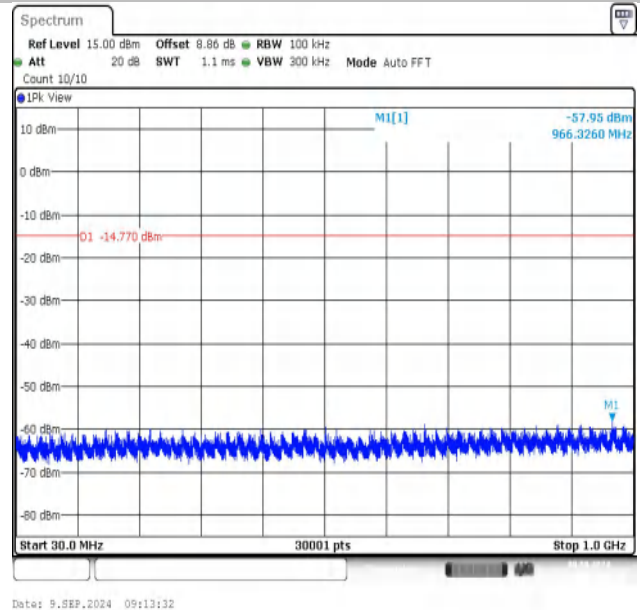
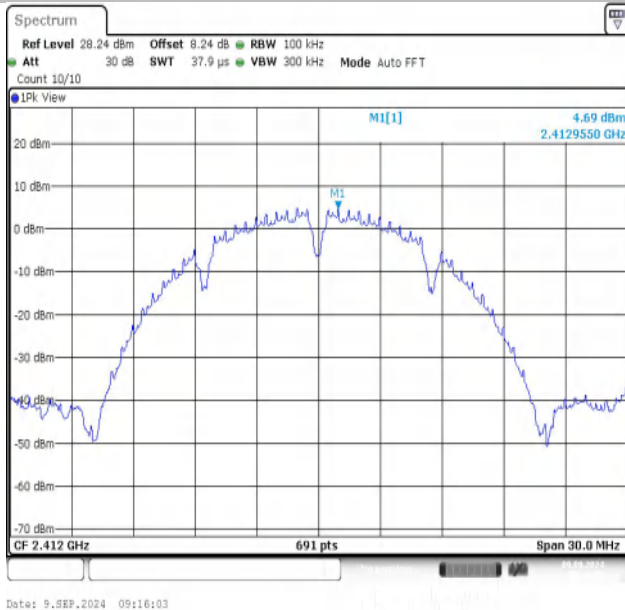
Test Graphs



N/A

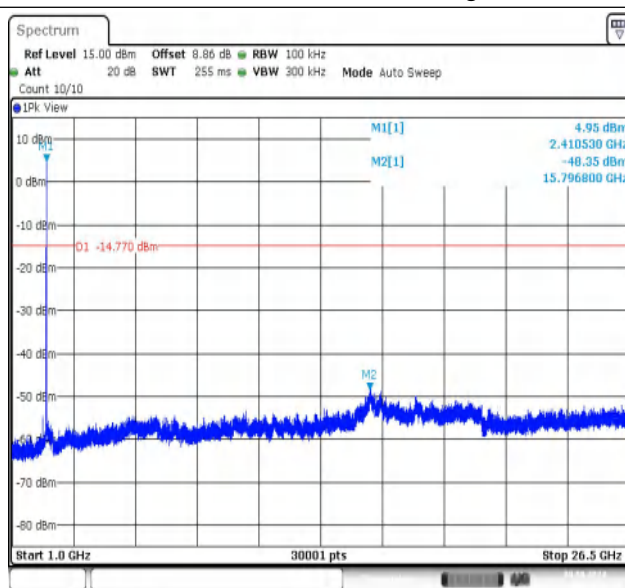
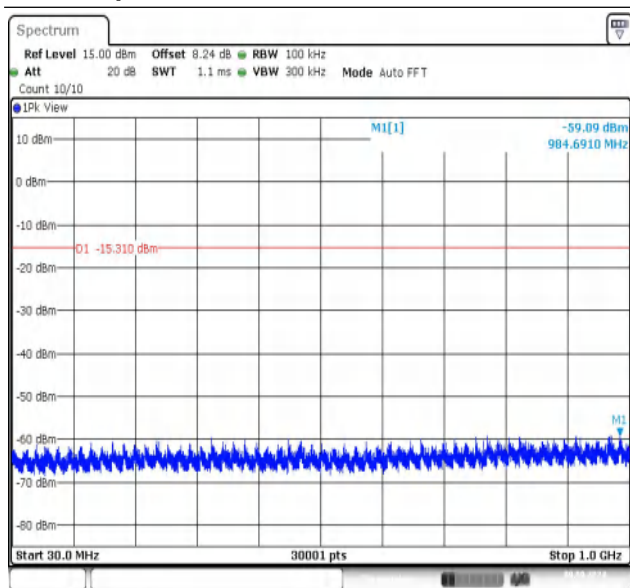
11B-CDD-Ant1-2412-0~Reference-PASS

N/A



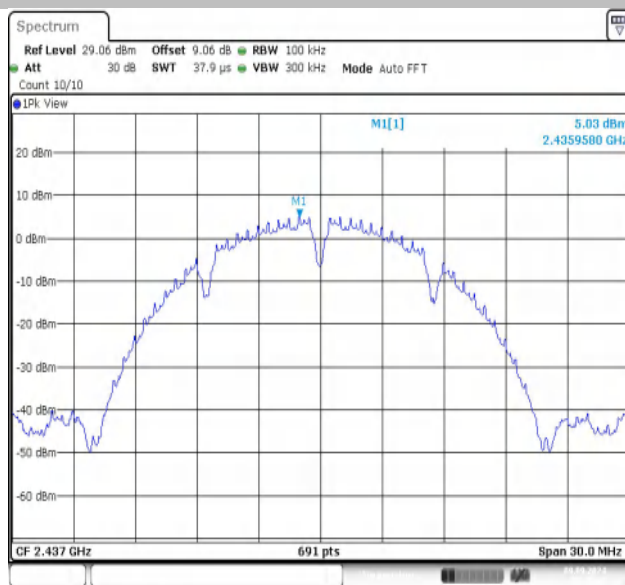
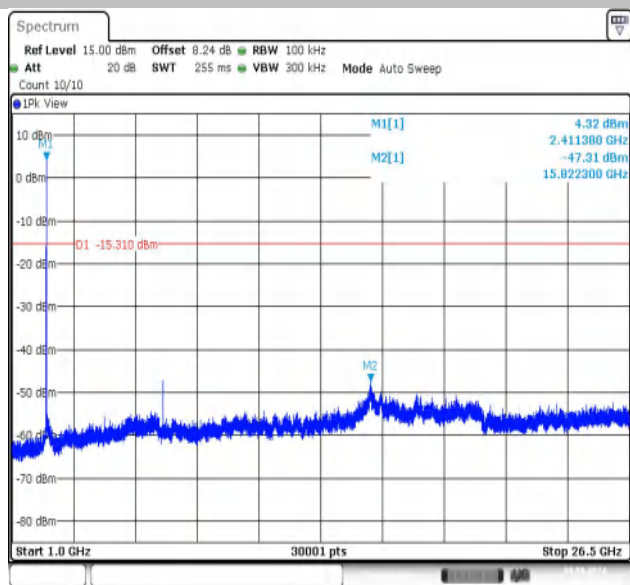
11B-CDD-Ant2-2412-0~Reference-PASS

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



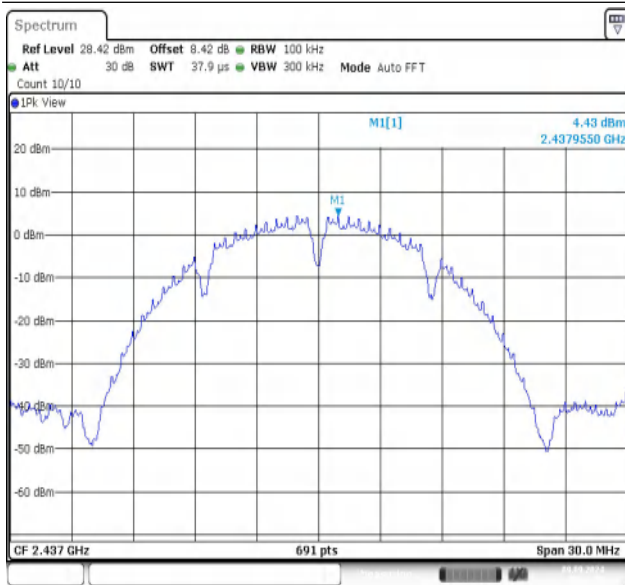
11B-CDD-Ant2-2412-30~1000-PASS

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

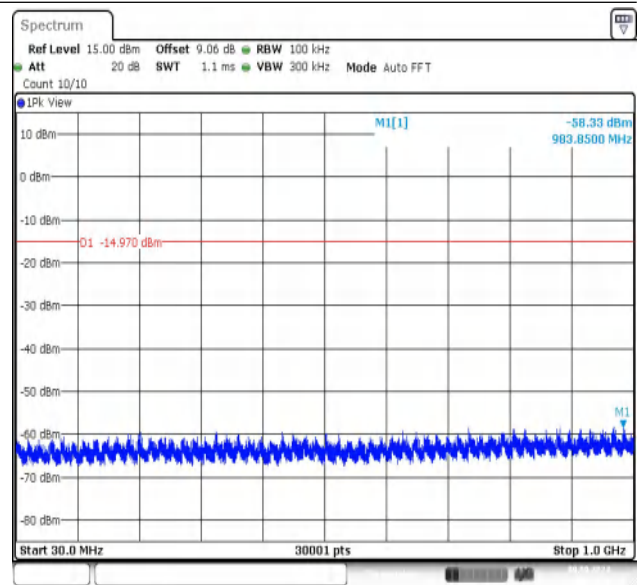


11B-CDD-Ant2-2412-1000~26500-PASS

11B-CDD-Ant1-2437-0~Reference-PASS



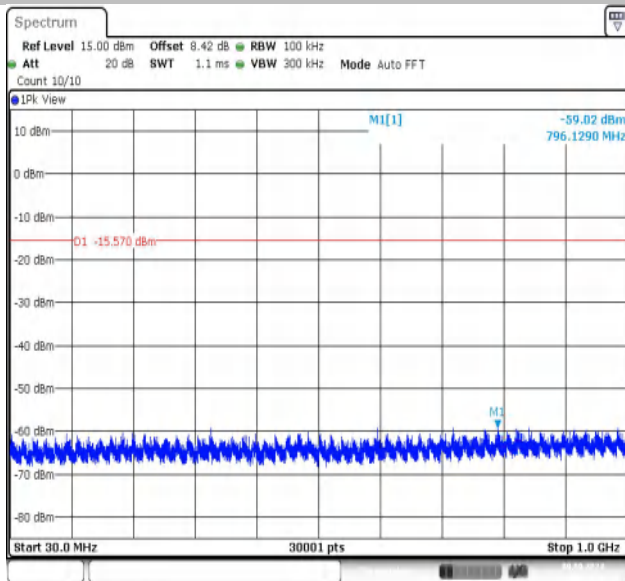
Date: 9.SEP.2024 09:21:18



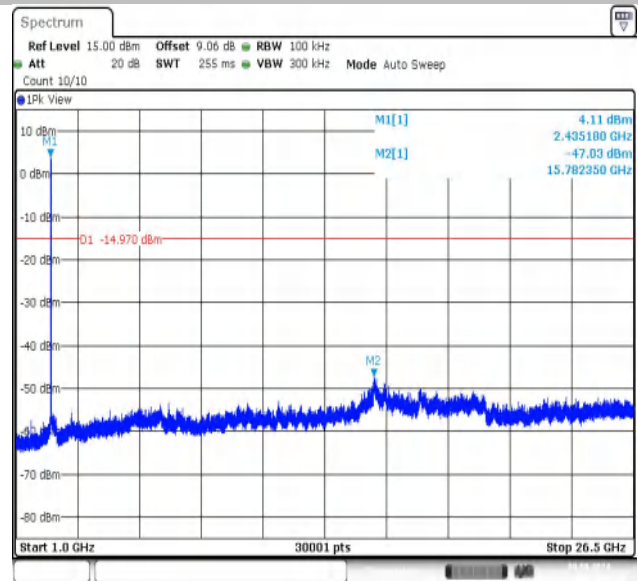
Date: 9.SEP.2024 09:19:00

11B-CDD-Ant2-2437-0~Reference-PASS

11B-CDD-Ant1-2437-30~1000-PASS



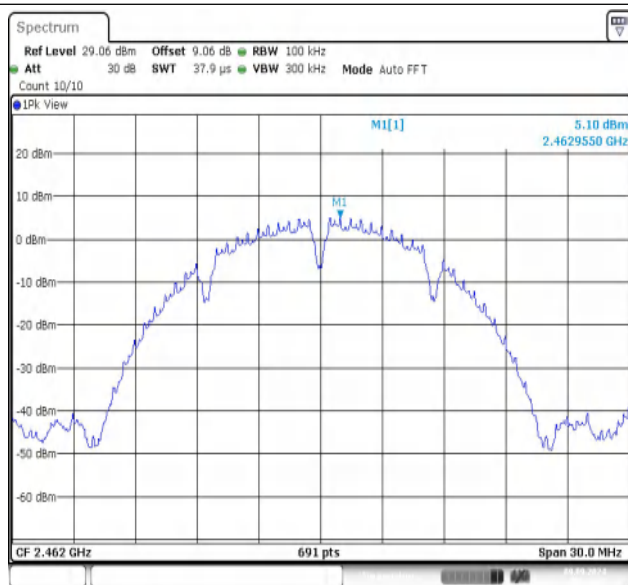
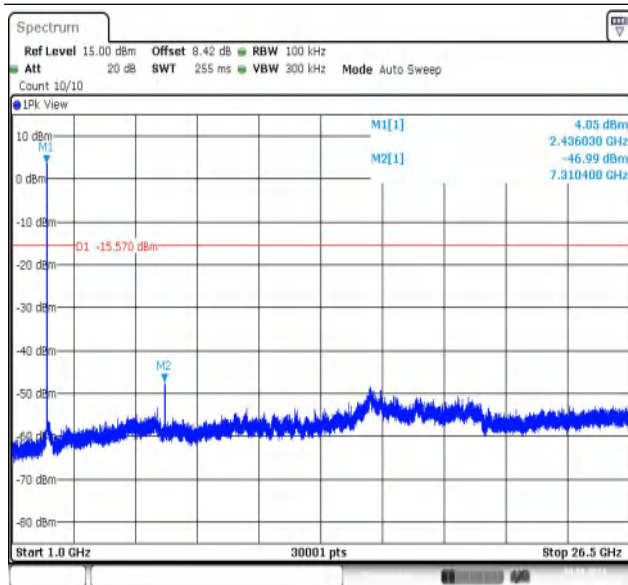
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Date: 9.SEP.2024 09:19:37

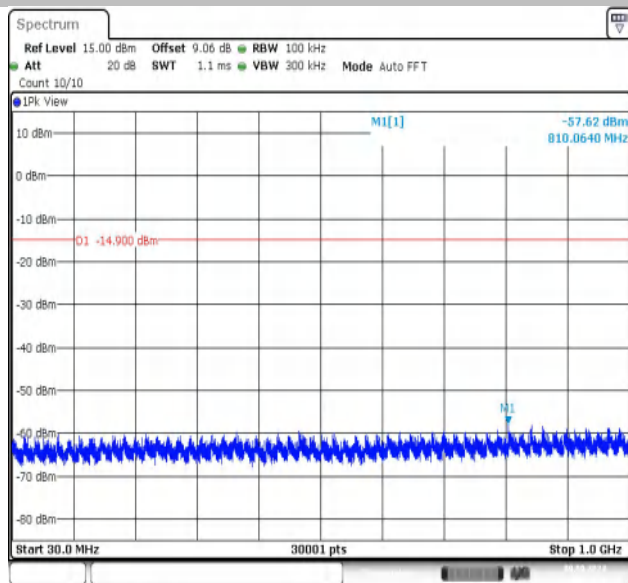
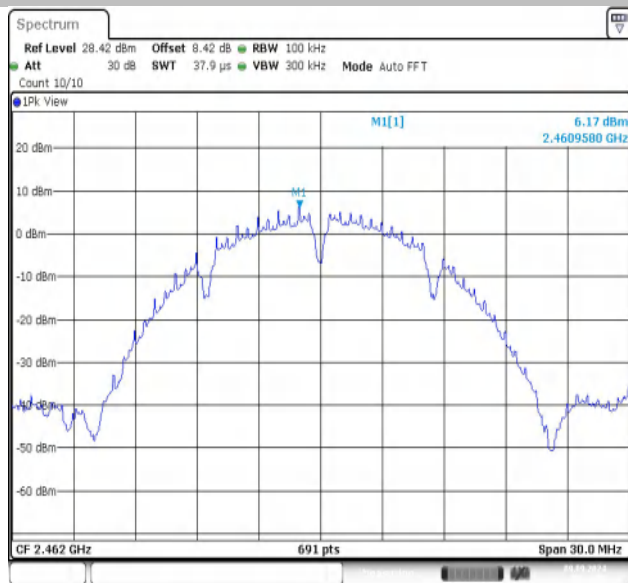
11B-CDD-Ant2-2437-30~1000-PASS

11B-CDD-Ant1-2437-1000~26500-PASS



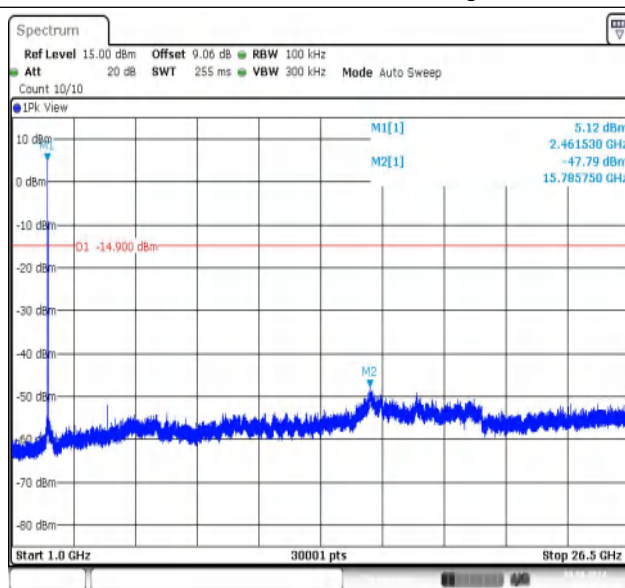
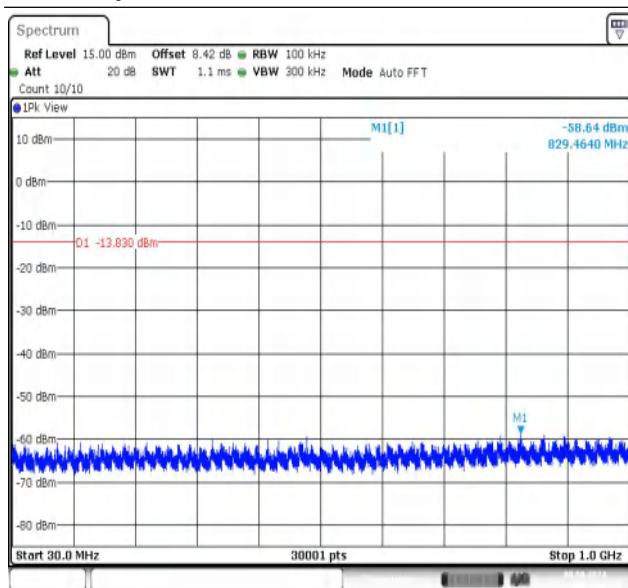
11B-CDD-Ant2-2437-1000~26500-PASS

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



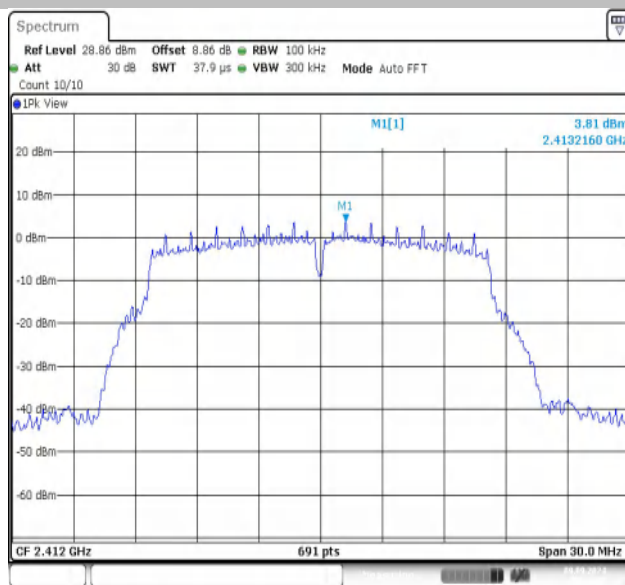
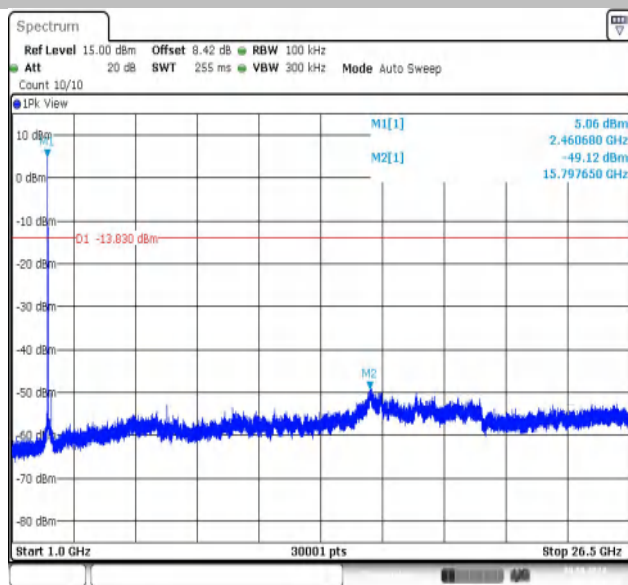
11B-CDD-Ant2-2462-0~Reference-PASS

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



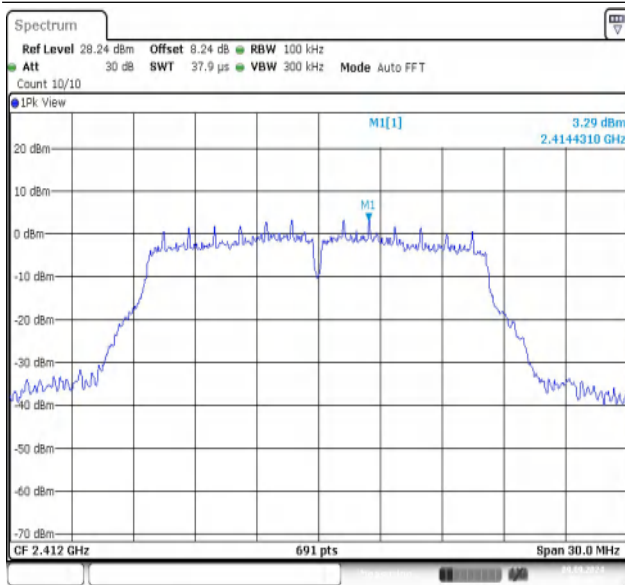
11B-CDD-Ant2-2462-30~1000-PASS

11B-CDD-Ant1-2462-1000~26500-PASS

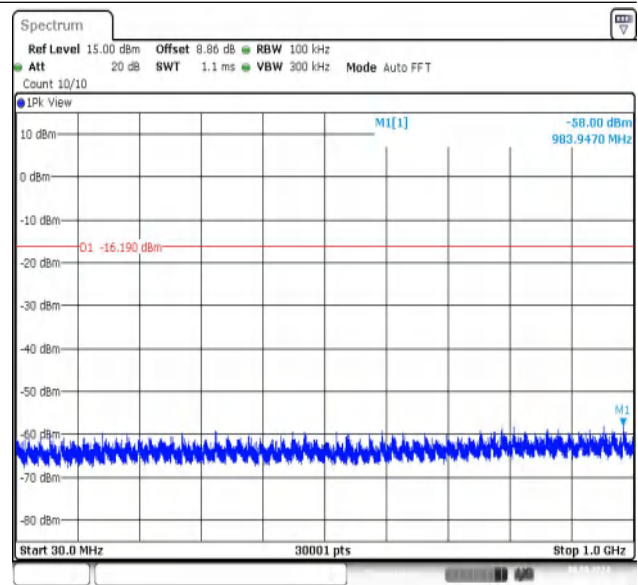


11B-CDD-Ant2-2462-1000~26500-PASS

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



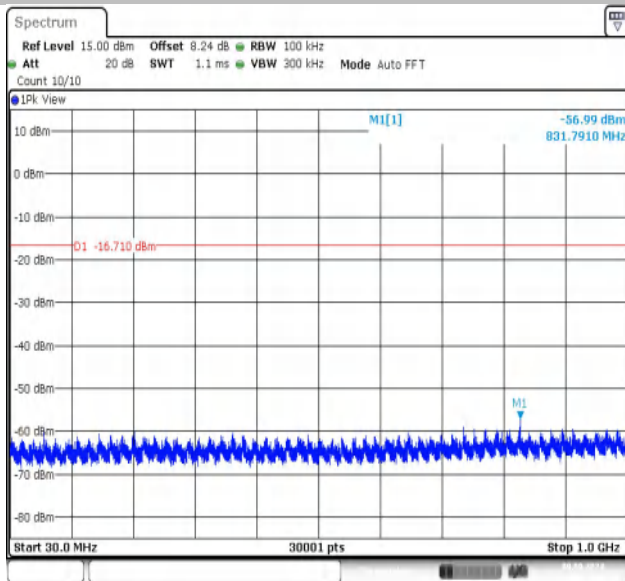
Date: 9.SEP.2024 09:34:21



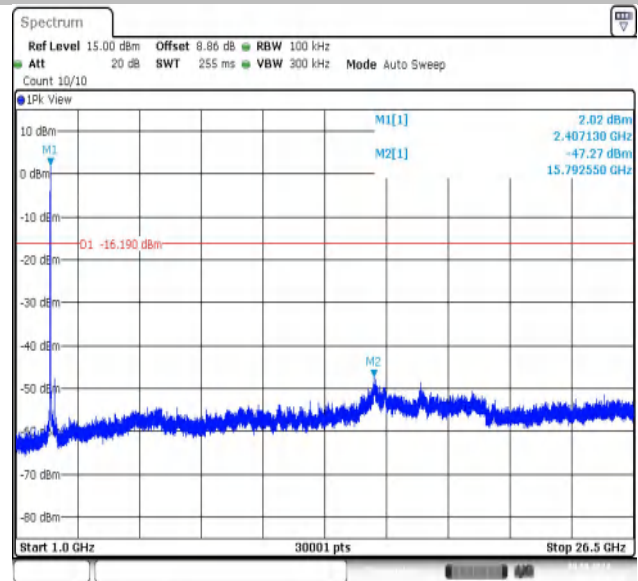
Date: 9.SEP.2024 09:31:14

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

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



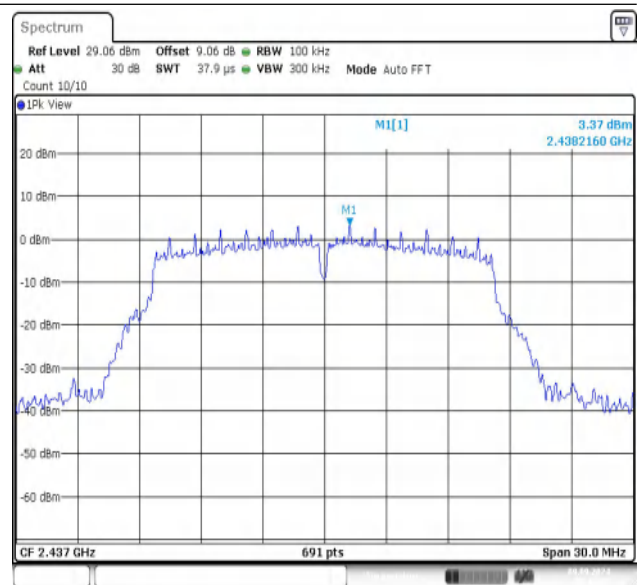
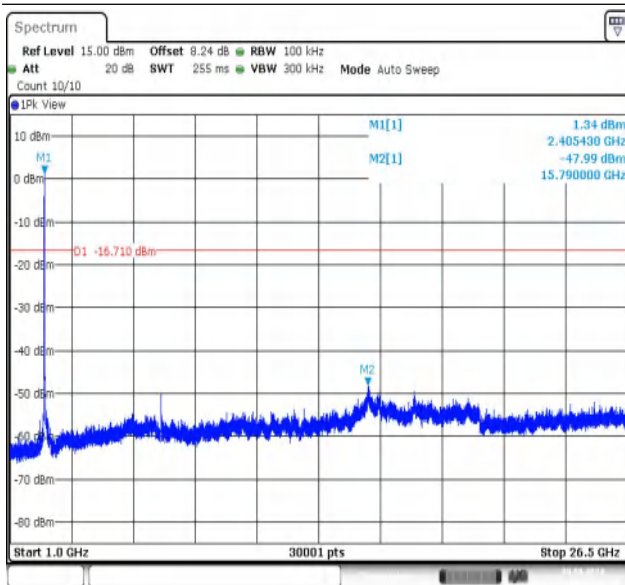
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Date: 9.SEP.2024 09:31:51

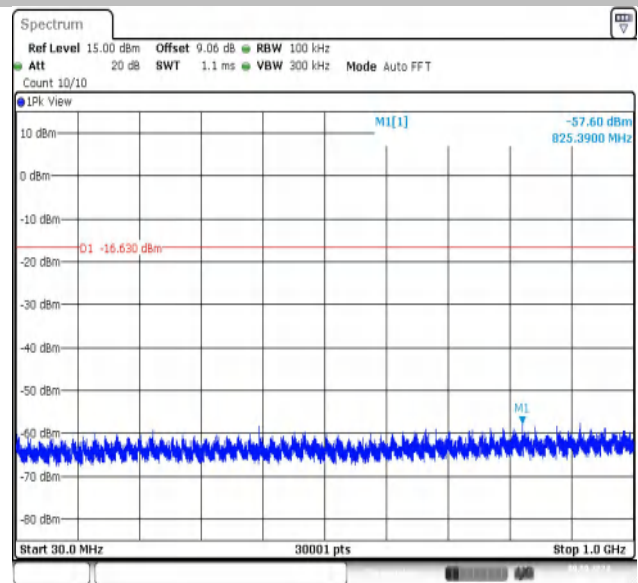
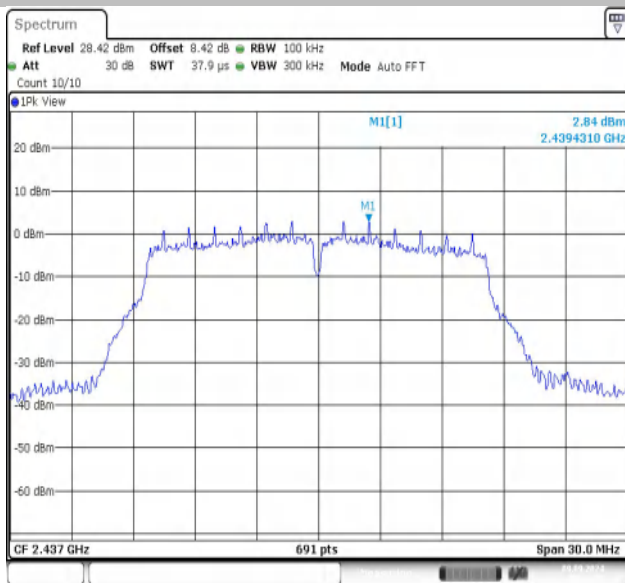
11G-CDD-Ant2-2412-30~1000-PASS

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



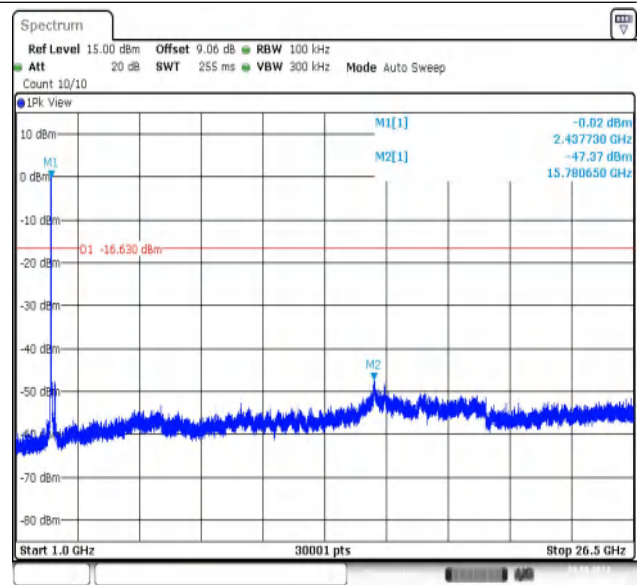
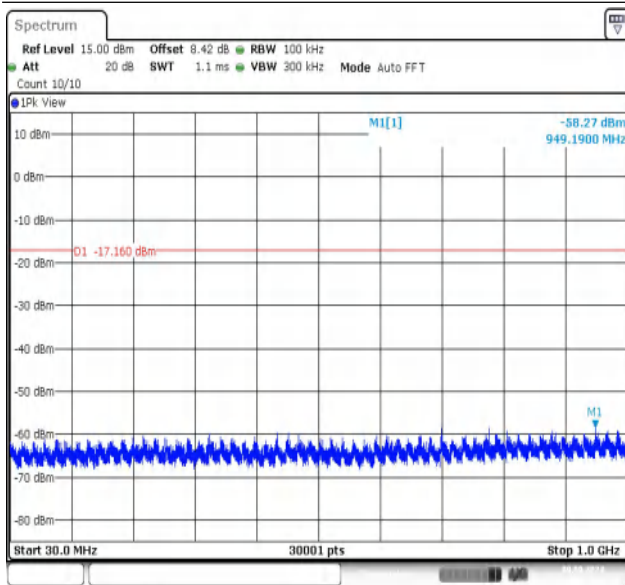
11G-CDD-Ant2-2412-1000~26500-PASS

11G-CDD-Ant1-2437-0~Reference-PASS



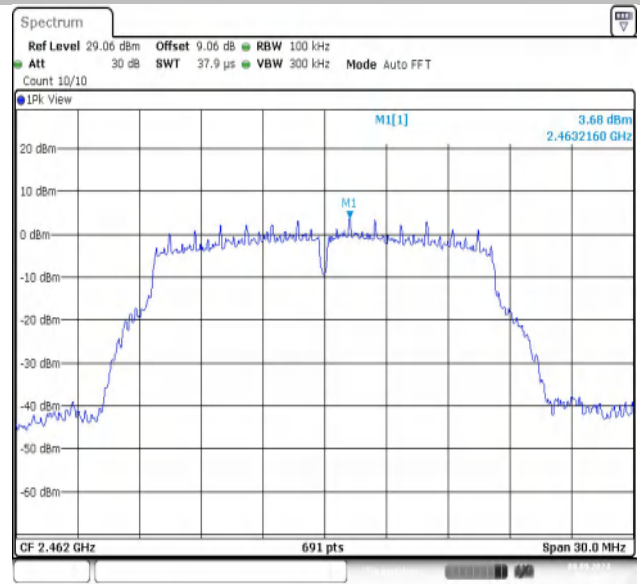
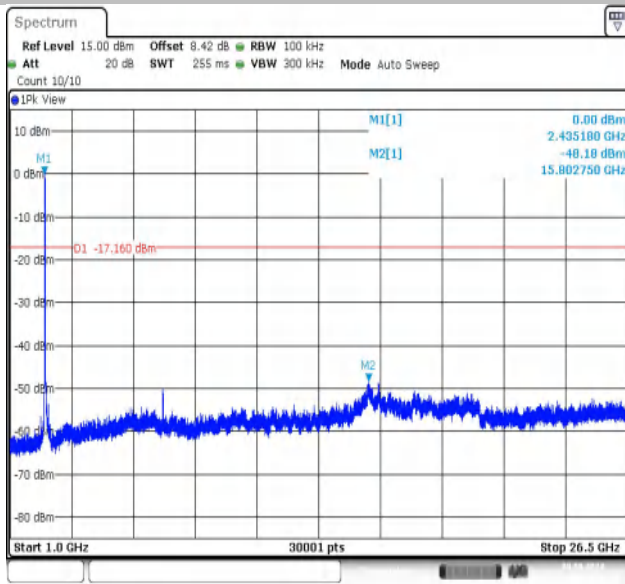
11G-CDD-Ant2-2437-0~Reference-PASS

11G-CDD-Ant1-2437-30~1000-PASS



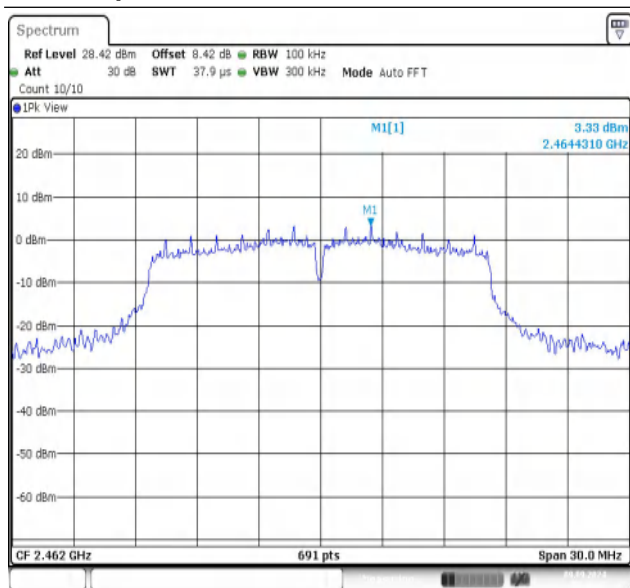
11G-CDD-Ant2-2437-30~1000-PASS

11G-CDD-Ant1-2437-1000~26500-PASS

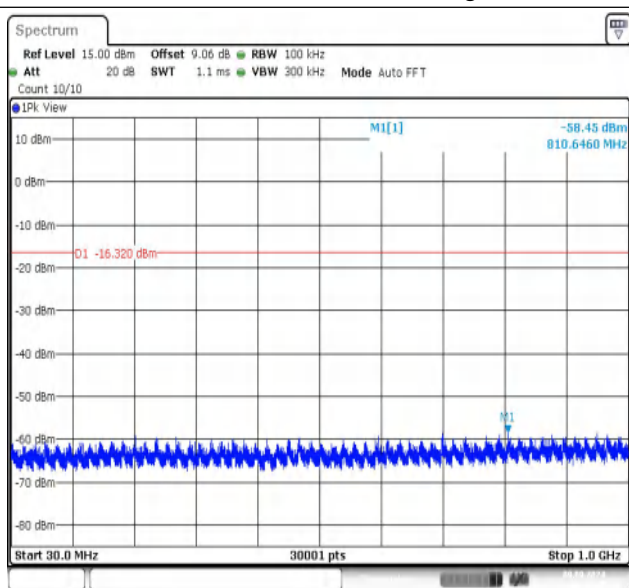


11G-CDD-Ant2-2437-1000~26500-PASS

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



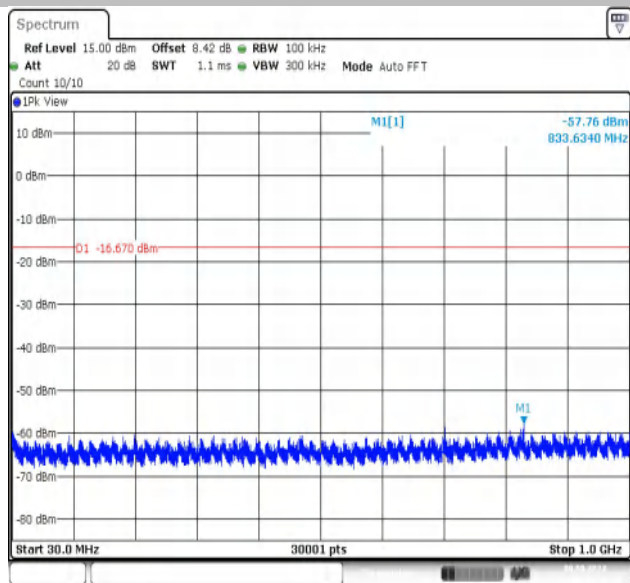
Date: 9.SEP.2024 09:45:13



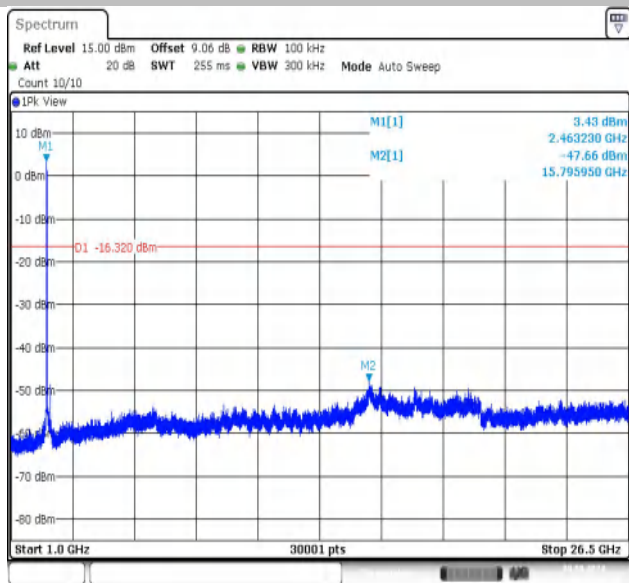
Date: 9.SEP.2024 09:46:17

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

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



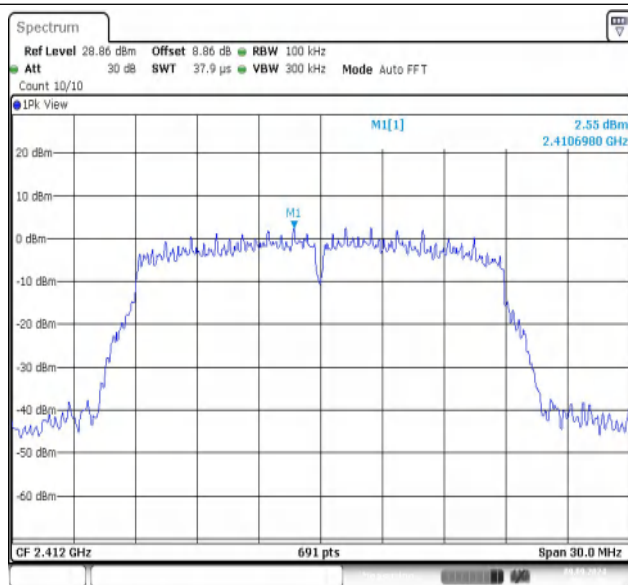
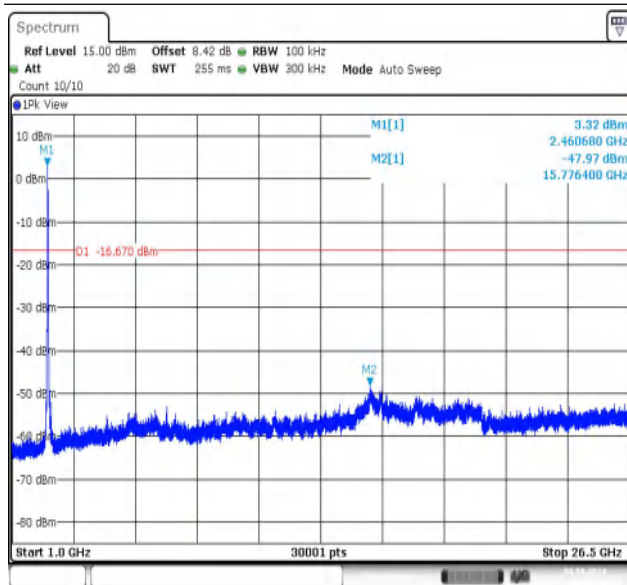
Date: 9.SEP.2024 09:45:24



Date: 9.SEP.2024 09:46:54

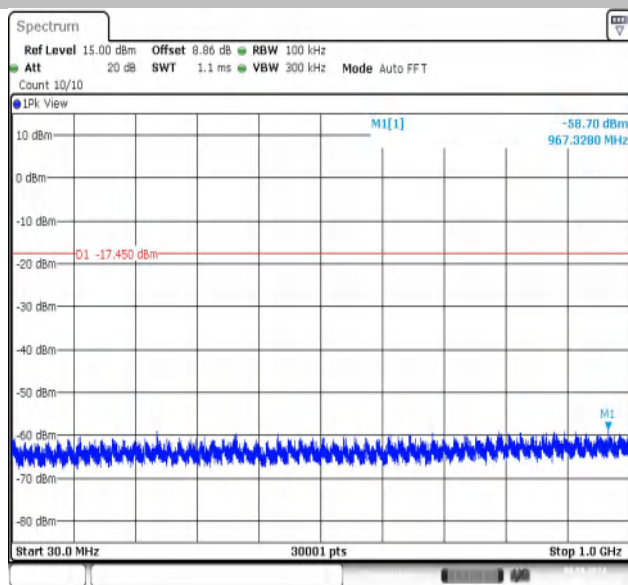
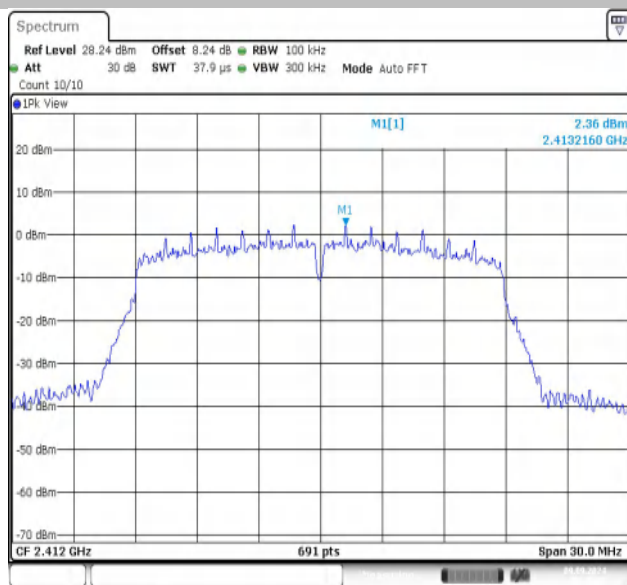
11G-CDD-Ant2-2462-30~1000-PASS

11G-CDD-Ant1-2462-1000~26500-PASS



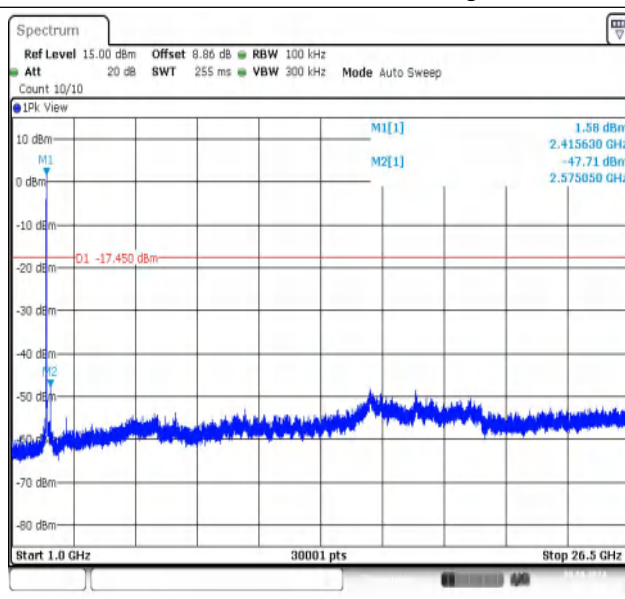
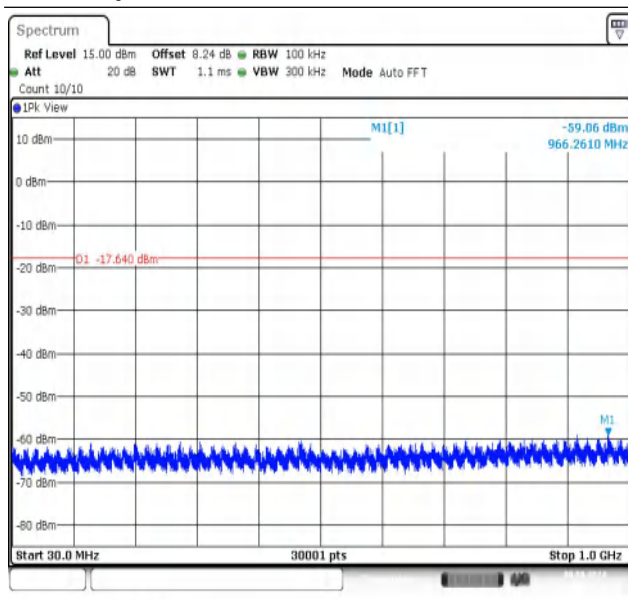
11G-CDD-Ant2-2462-1000~26500-PASS

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



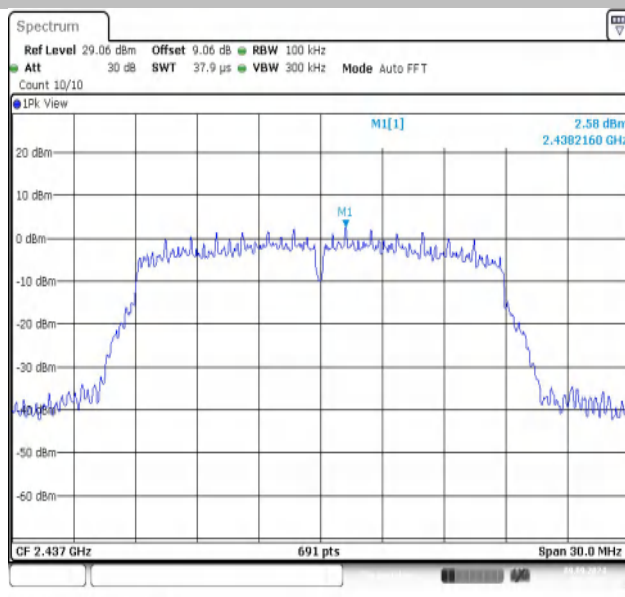
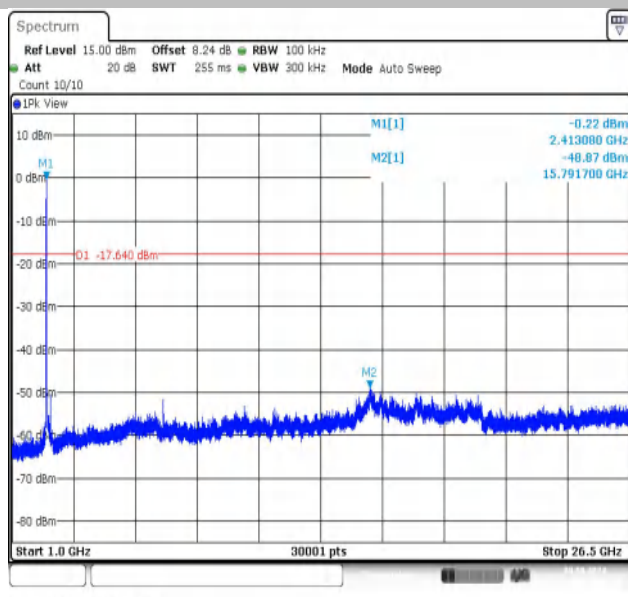
11N20MIMO-Ant2-2412-0~Reference-PASS

11N20MIMO-Ant1-2412-30~1000-PASS



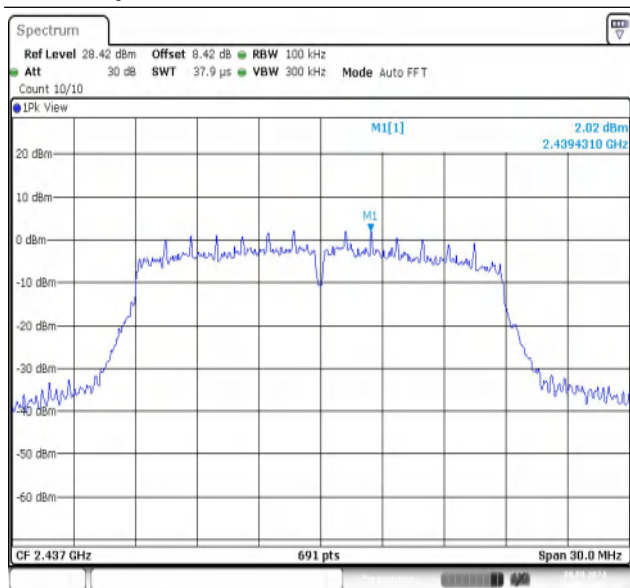
11N20MIMO-Ant2-2412-30~1000-PASS

11N20MIMO-Ant1-2412-1000~26500-PASS

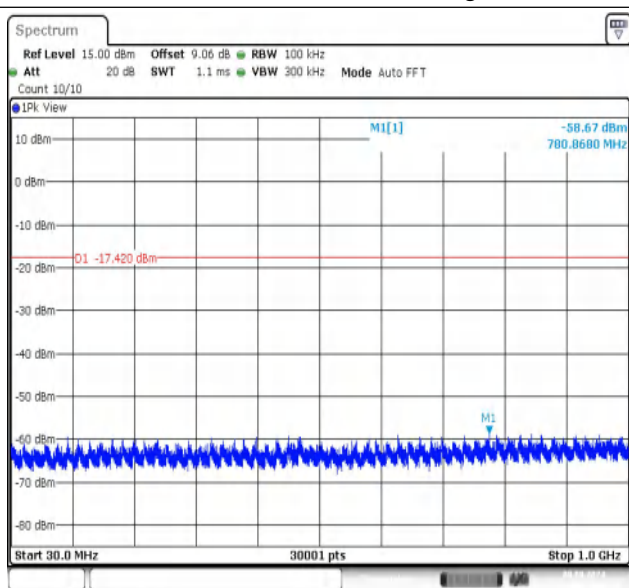


11N20MIMO-Ant2-2412-1000~26500-PASS

11N20MIMO-Ant1-2437-0~Reference-PASS



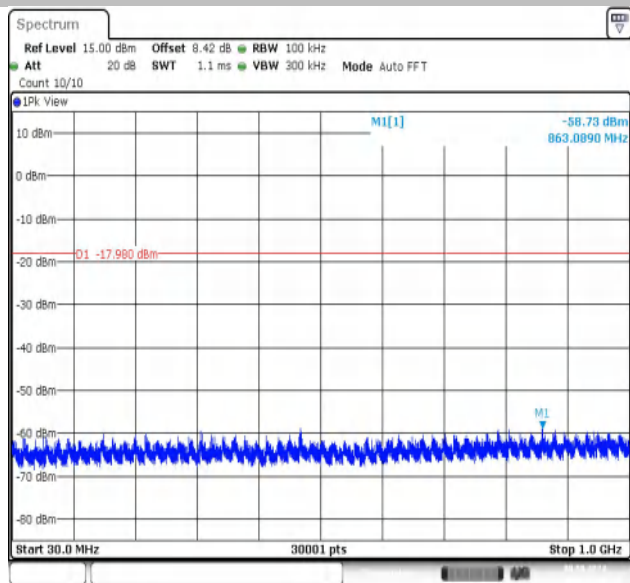
Date: 9.SEP.2024 10:34:57



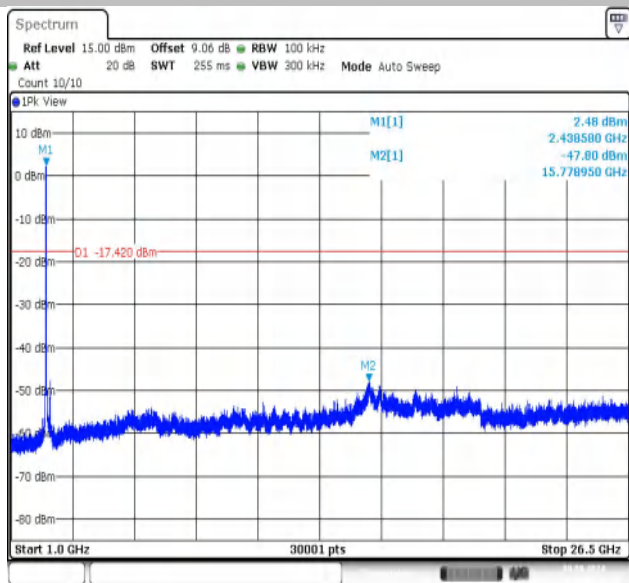
Date: 9.SEP.2024 09:59:46

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

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



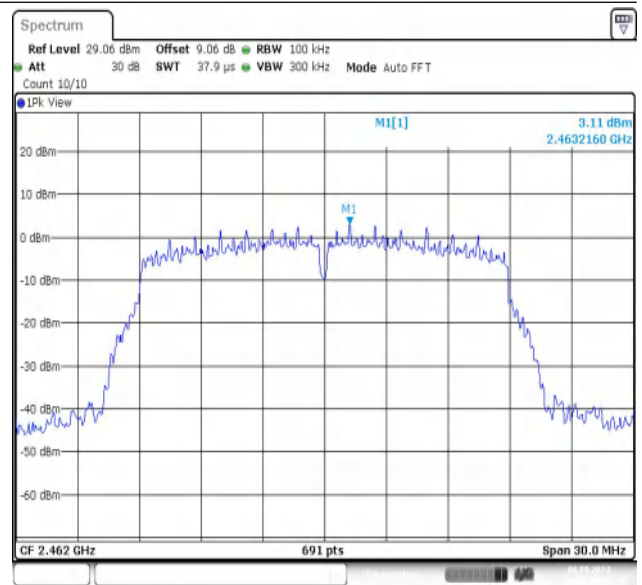
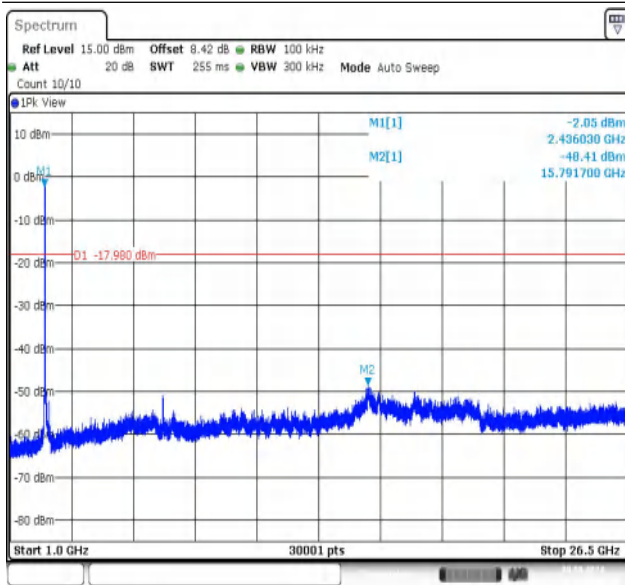
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Date: 9.SEP.2024 10:00:24

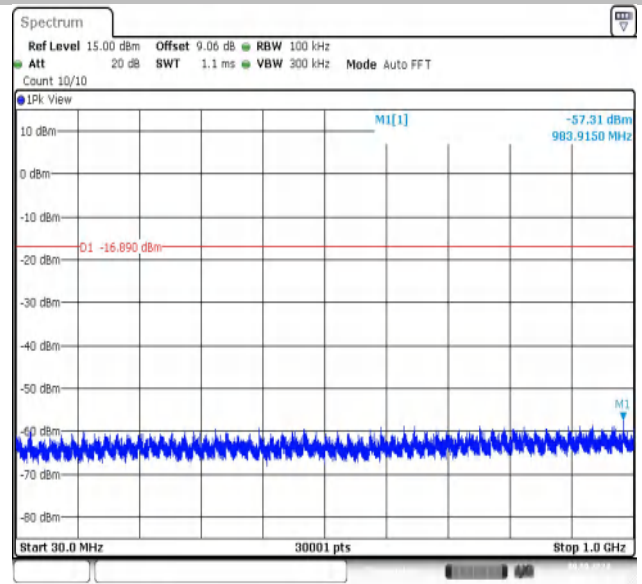
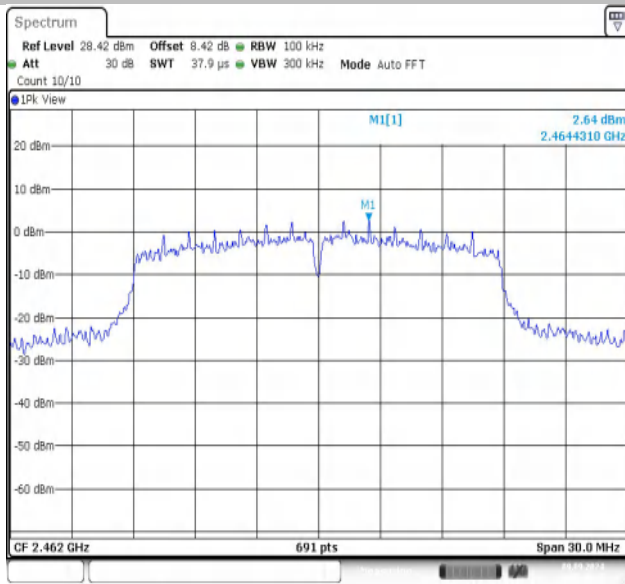
11N20MIMO-Ant2-2437-30~1000-PASS

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



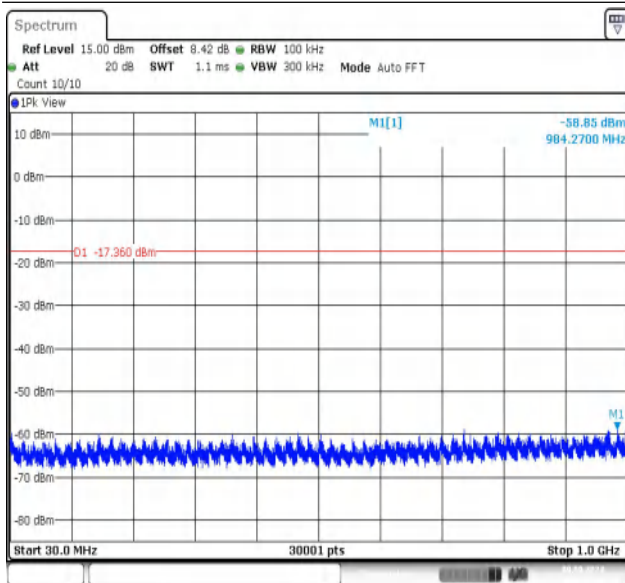
11N20MIMO-Ant2-2437-1000~26500-PASS

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

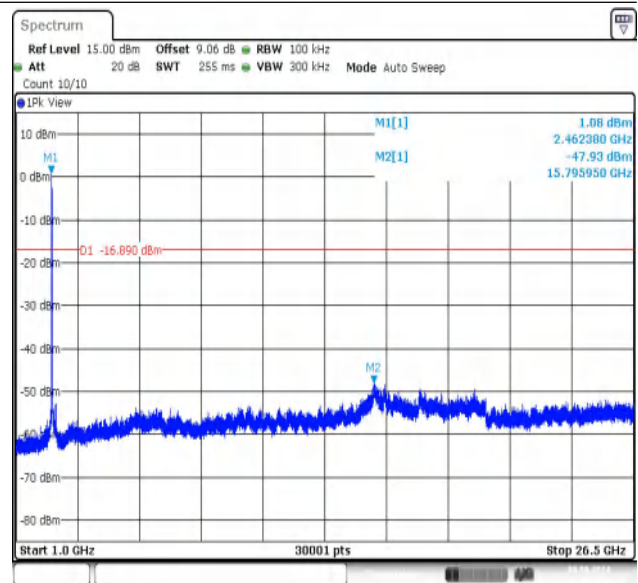


11N20MIMO-Ant2-2462-0~Reference-PASS

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



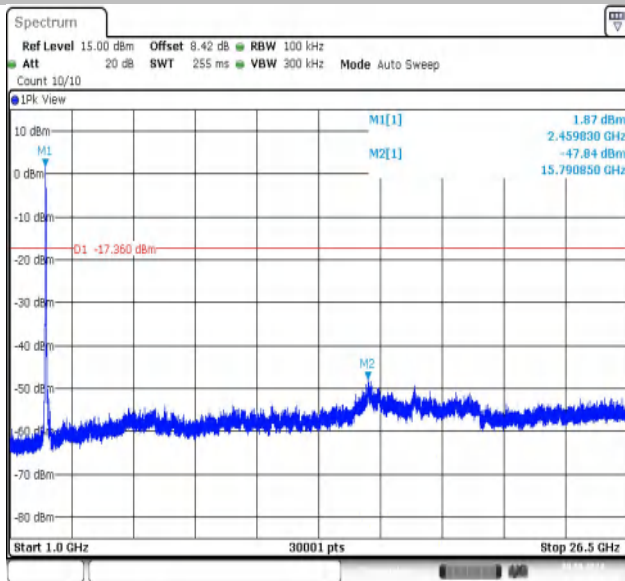
Date: 9.SEP.2024 10:40:54



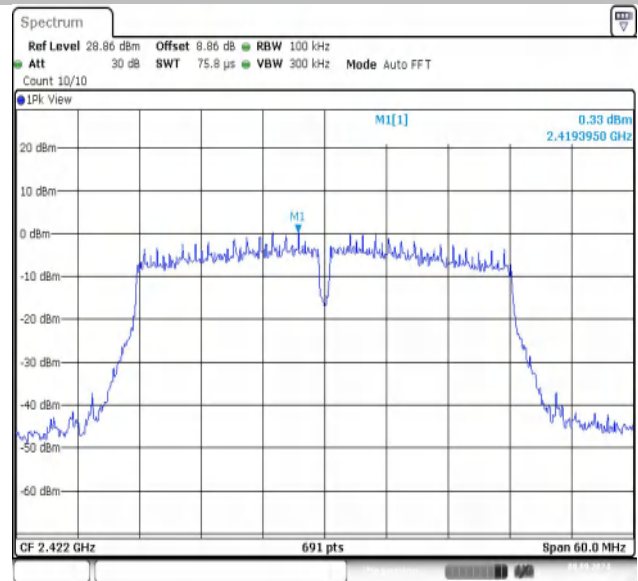
Date: 9.SEP.2024 10:38:53

11N20MIMO-Ant2-2462-30~1000-PASS

11N20MIMO-Ant1-2462-1000~26500-PASS



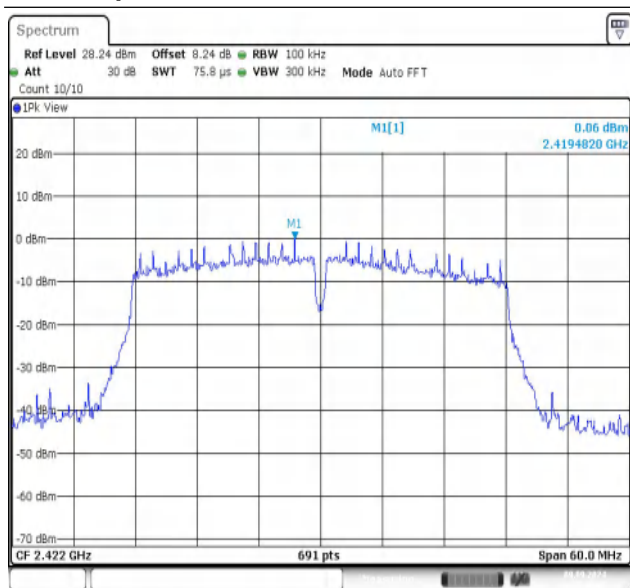
Date: 9.SEP.2024 10:41:31



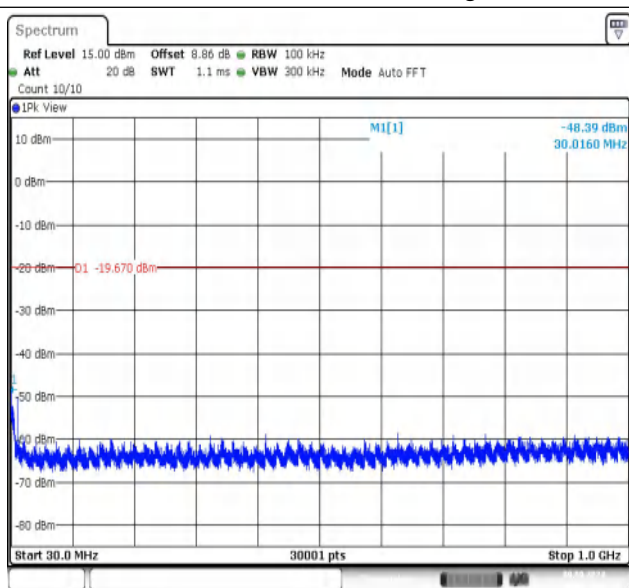
Date: 9.SEP.2024 10:43:44

11N20MIMO-Ant2-2462-1000~26500-PASS

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



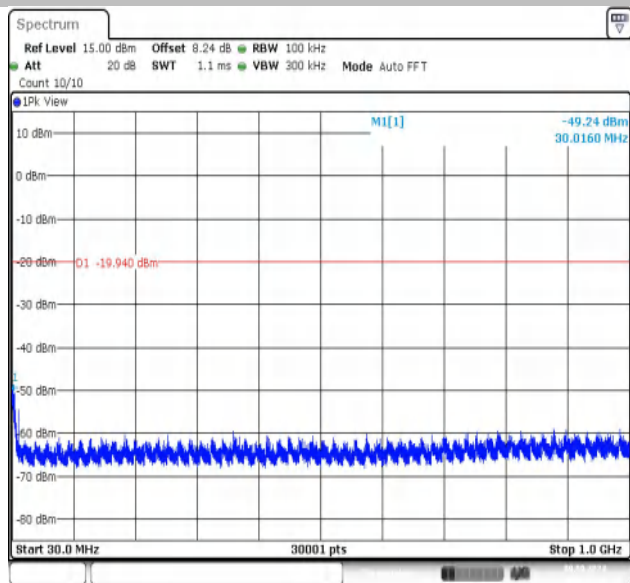
Date: 9.SEP.2024 10:46:45



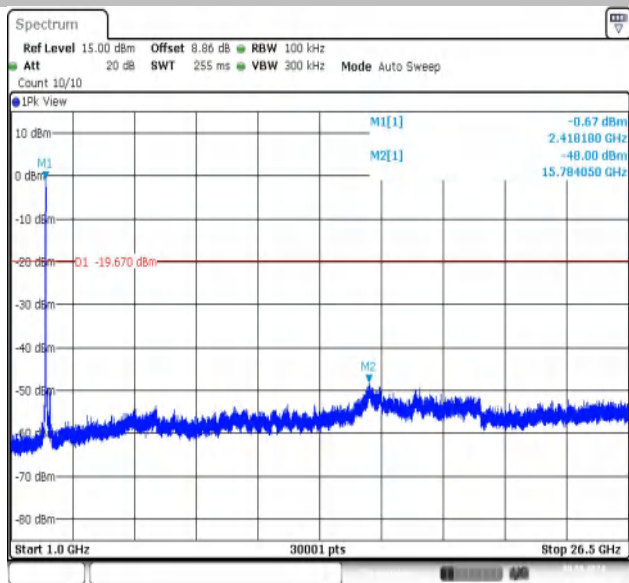
Date: 9.SEP.2024 10:43:55

11N40MIMO-Ant2-2422-0~Reference-PASS

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



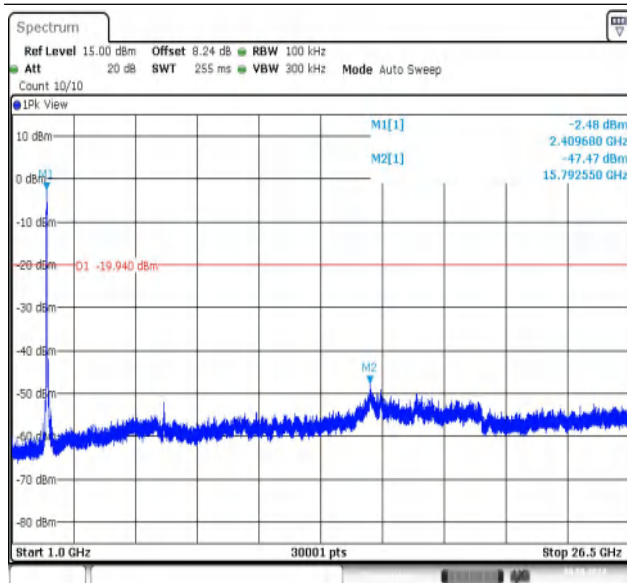
Date: 9.SEP.2024 10:46:57



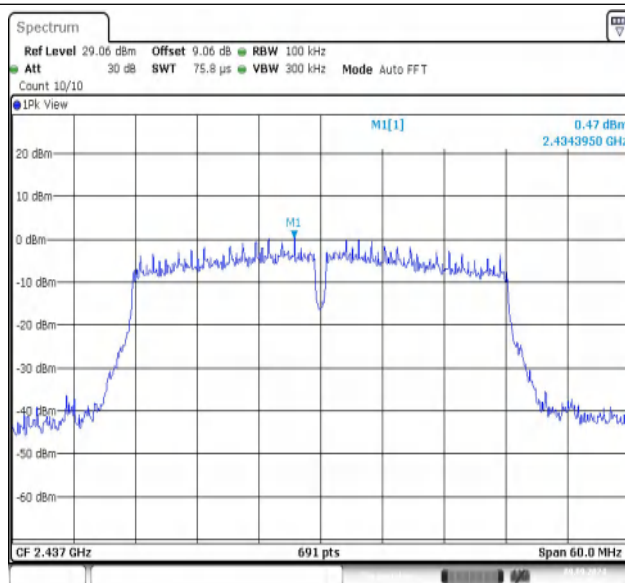
Date: 9.SEP.2024 10:44:32

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

11N40MIMO-Ant1-2422-1000~26500-PASS



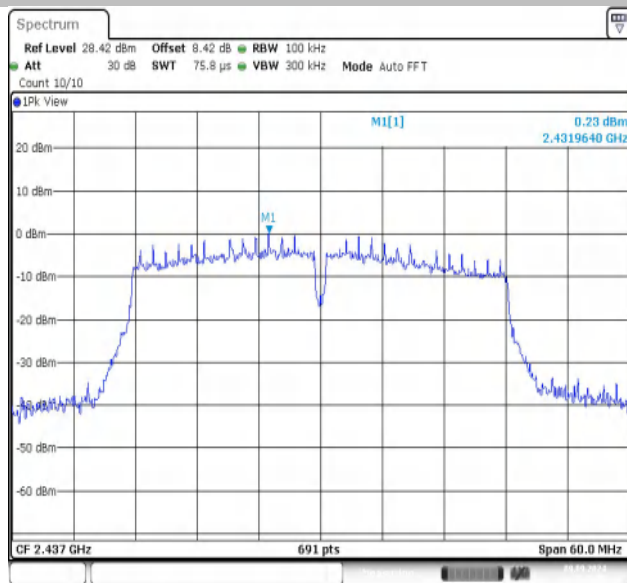
Date: 9.SEP.2024 10:47:34



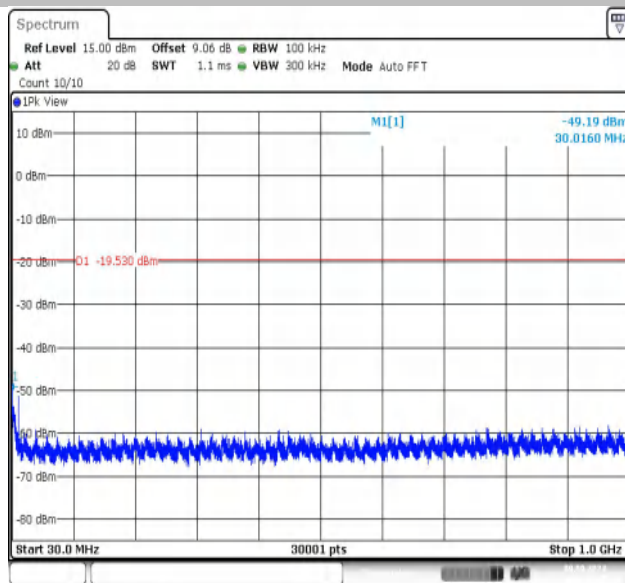
Date: 9.SEP.2024 10:50:36

11N40MIMO-Ant2-2422-1000~26500-PASS

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



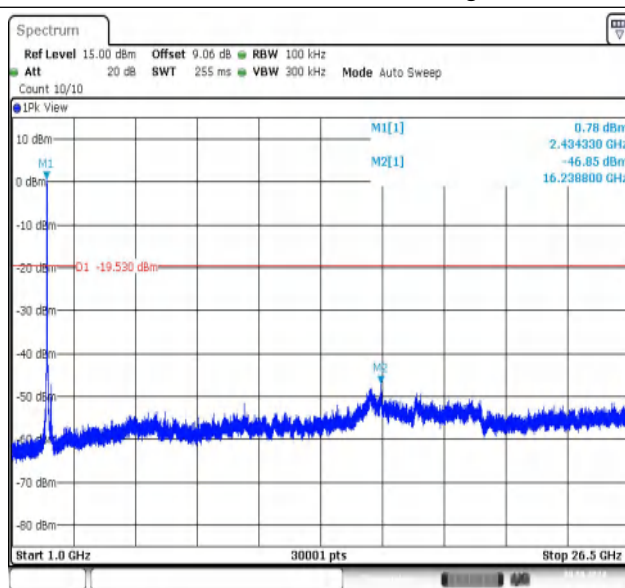
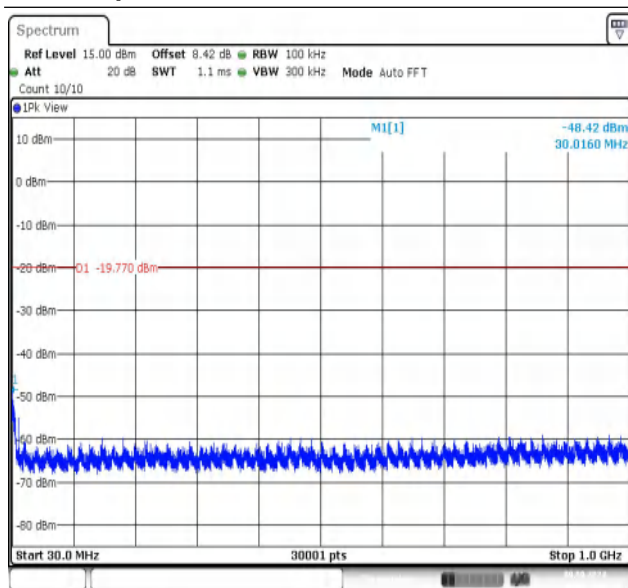
Date: 9.SEP.2024 10:53:31



Date: 9.SEP.2024 10:50:47

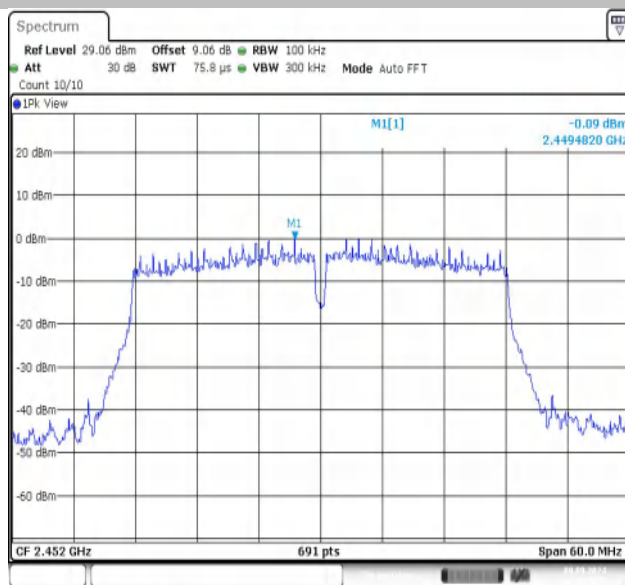
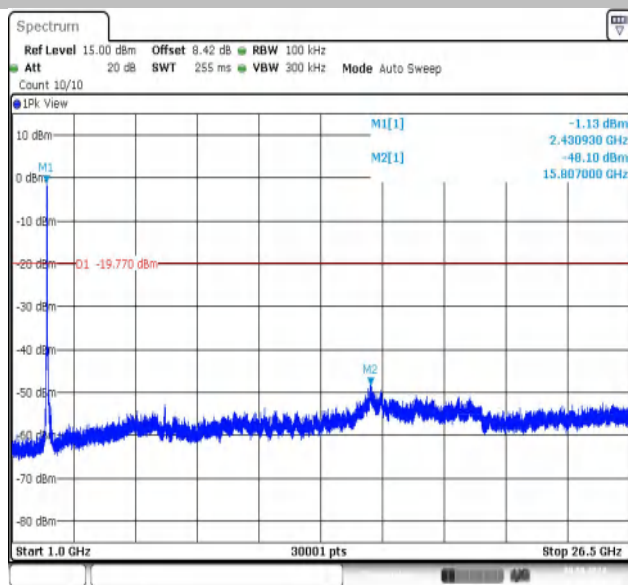
11N40MIMO-Ant2-2437-0~Reference-PASS

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



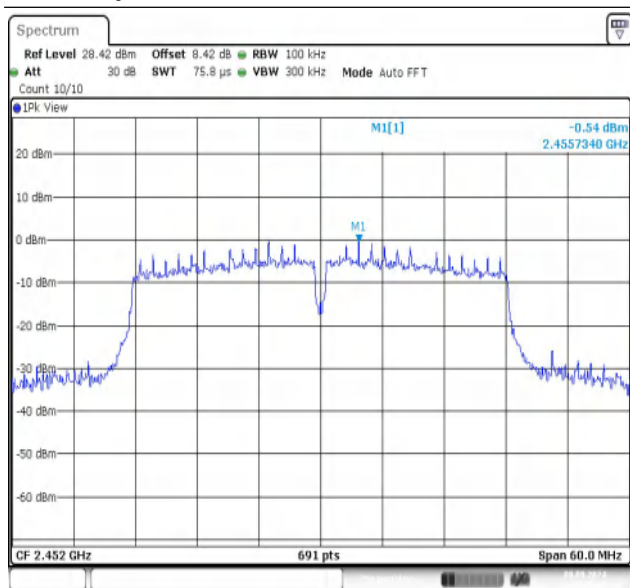
11N40MIMO-Ant2-2437-30~1000-PASS

11N40MIMO-Ant1-2437-1000~26500-PASS

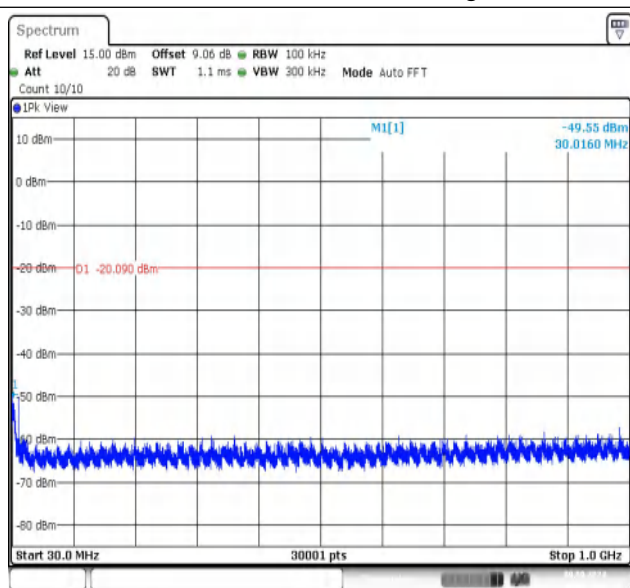


11N40MIMO-Ant2-2437-1000~26500-PASS

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



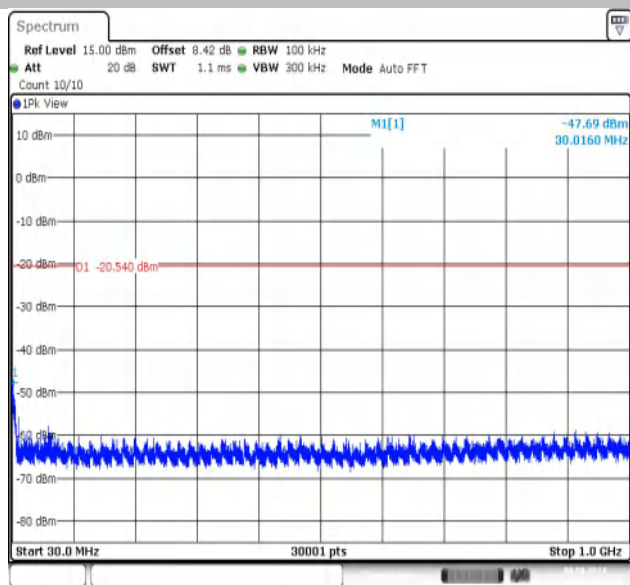
Date: 9.SEP.2024 10:59:08



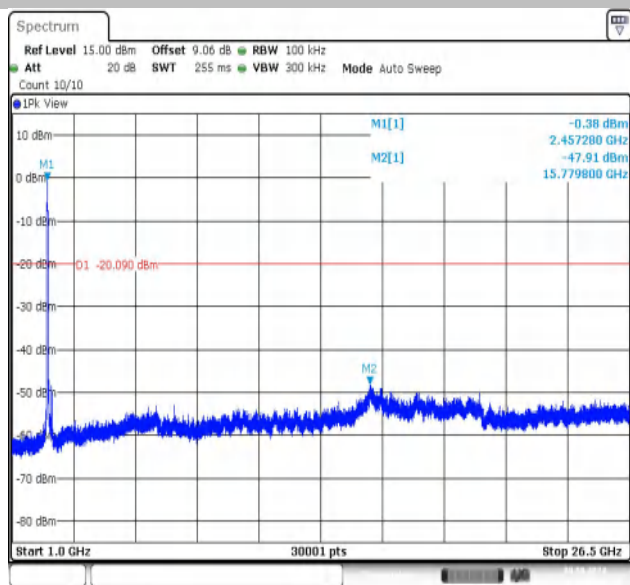
Date: 9.SEP.2024 10:56:36

11N40MIMO-Ant2-2452-0~Reference-PASS

11N40MIMO-Ant1-2452-30~1000-PASS



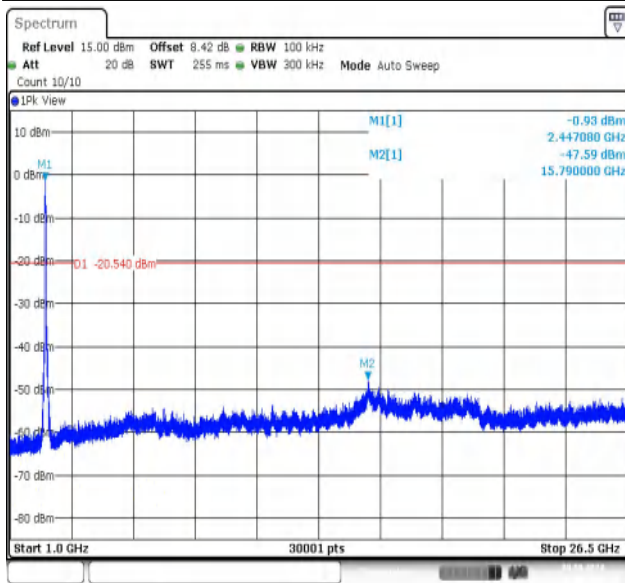
Date: 9.SEP.2024 10:59:19



Date: 9.SEP.2024 10:57:13

11N40MIMO-Ant2-2452-30~1000-PASS

11N40MIMO-Ant1-2452-1000~26500-PASS



Date: 9.SEP.2024 10:59:56

N/A

11N40MIMO-Ant2-2452-1000~26500-PASS

N/A



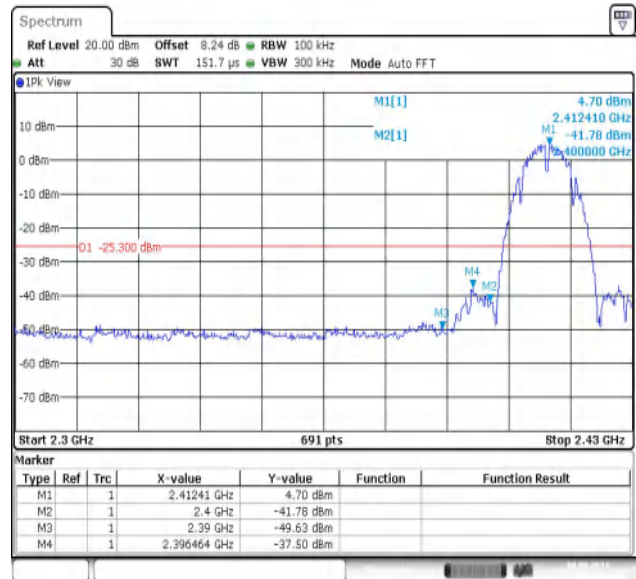
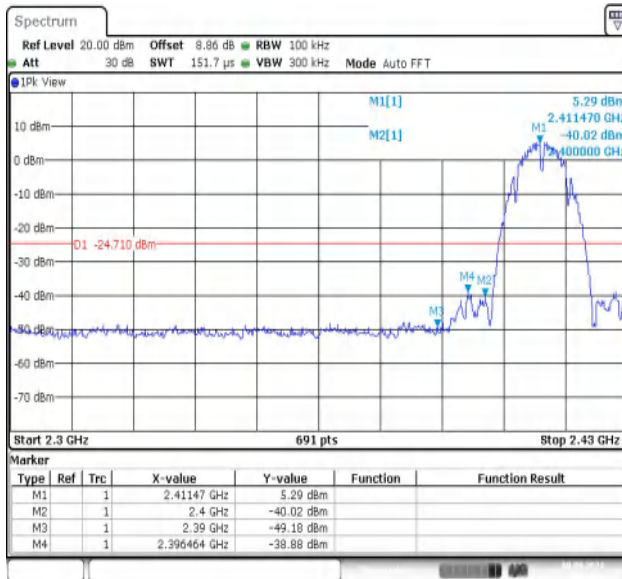
Appendix F: Band edge measurements

Test Result

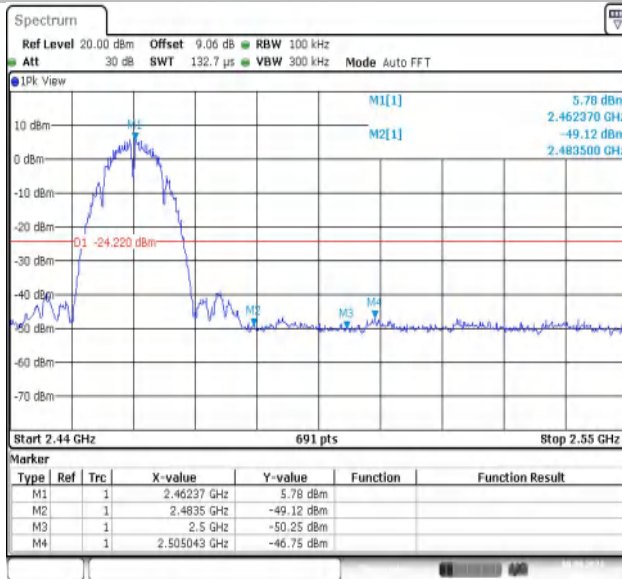
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	5.29	-38.88	≤ -24.71	PASS
11B-CDD	Ant2	Low	2412	4.70	-37.5	≤ -25.3	PASS
11B-CDD	Ant1	High	2462	5.78	-46.75	≤ -24.22	PASS
11B-CDD	Ant2	High	2462	4.97	-47.41	≤ -25.03	PASS
11G-CDD	Ant1	Low	2412	3.31	-39.16	≤ -26.69	PASS
11G-CDD	Ant2	Low	2412	2.99	-33.2	≤ -27.01	PASS
11G-CDD	Ant1	High	2462	3.51	-44.57	≤ -26.49	PASS
11G-CDD	Ant2	High	2462	3.07	-27.95	≤ -26.93	PASS
11N20MIMO	Ant1	Low	2412	2.99	-39.23	≤ -27.01	PASS
11N20MIMO	Ant2	Low	2412	2.28	-35.29	≤ -27.72	PASS
11N20MIMO	Ant1	High	2462	2.44	-42.83	≤ -27.56	PASS
11N20MIMO	Ant2	High	2462	2.00	-29.4	≤ -28	PASS
11N40MIMO	Ant1	Low	2422	0.48	-37.12	≤ -29.52	PASS
11N40MIMO	Ant2	Low	2422	0.12	-33.89	≤ -29.88	PASS
11N40MIMO	Ant1	High	2452	0.11	-40.54	≤ -29.89	PASS
11N40MIMO	Ant2	High	2452	-1.46	-31.94	≤ -31.46	PASS



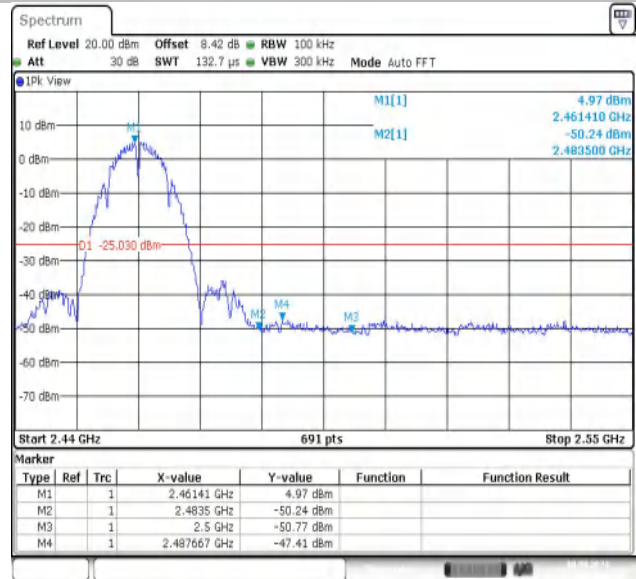
Test Graphs



11B-CDD-Ant1-2412-PASS



11B-CDD-Ant2-2412-PASS

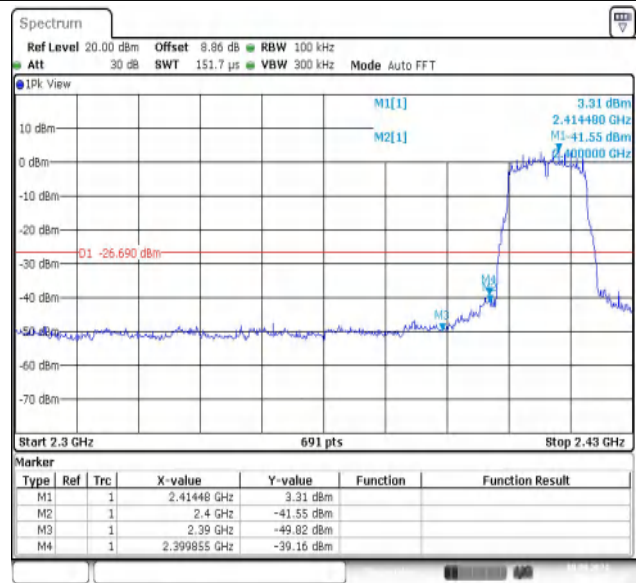


11B-CDD-Ant1-2462-PASS

11B-CDD-Ant2-2462-PASS

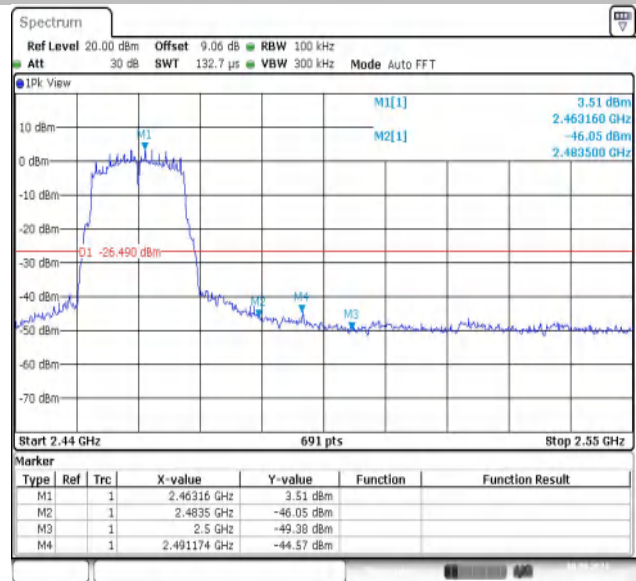
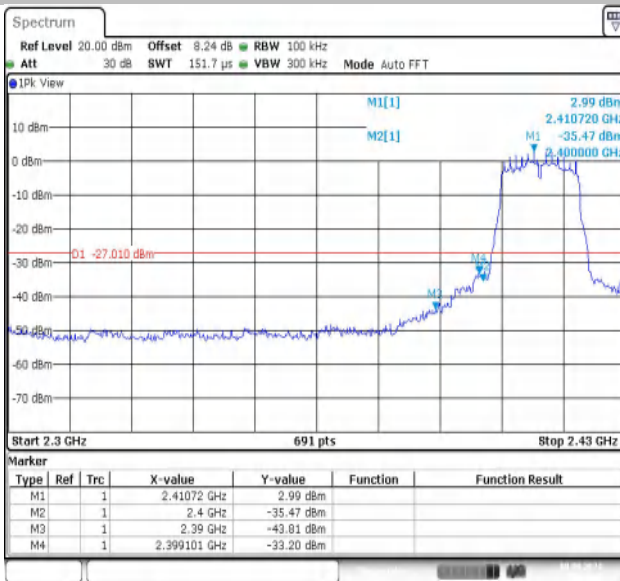


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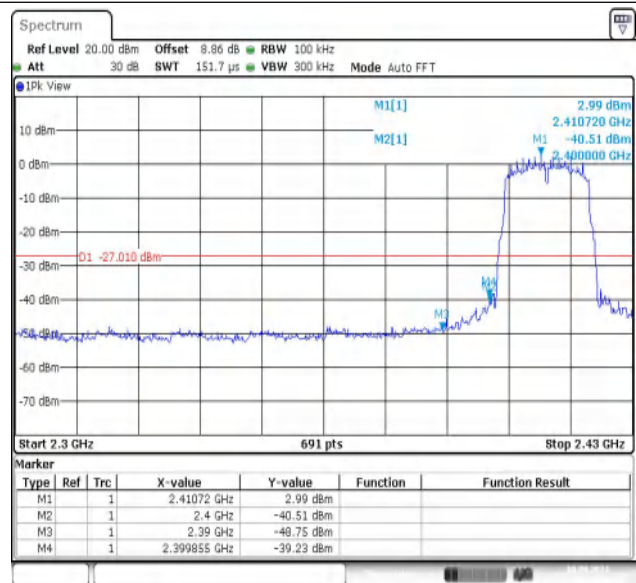
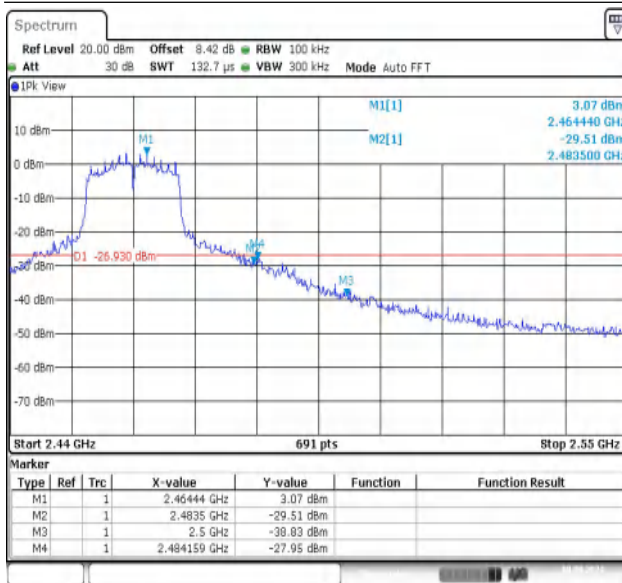
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11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS

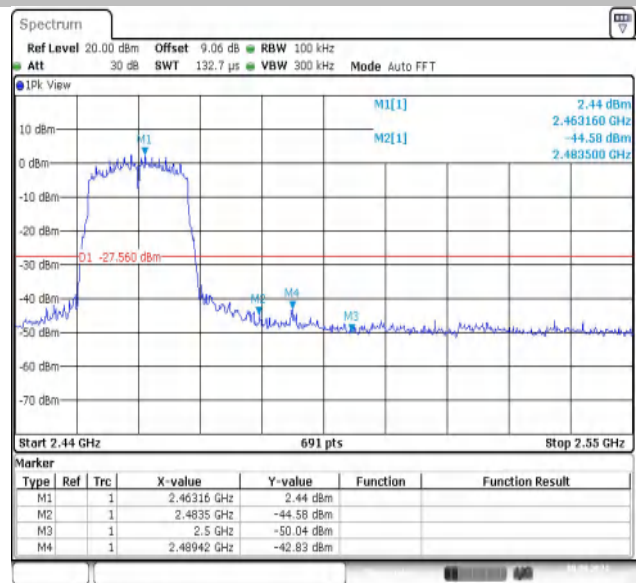
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11G-CDD-Ant2-2462-PASS

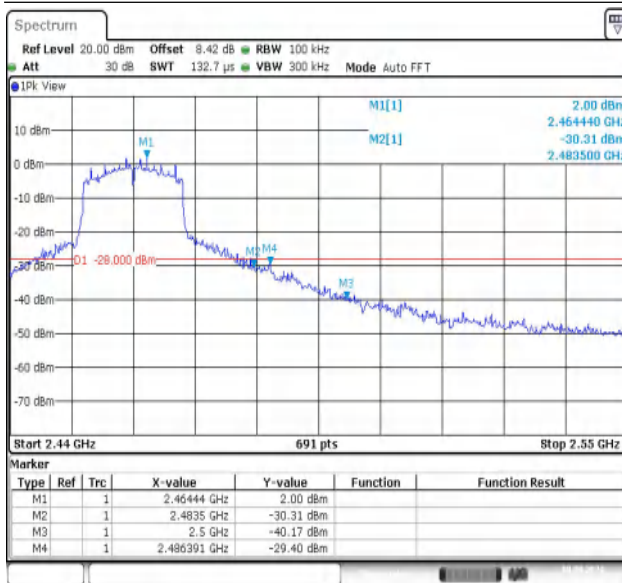


11N20MIMO-Ant1-2412-PASS

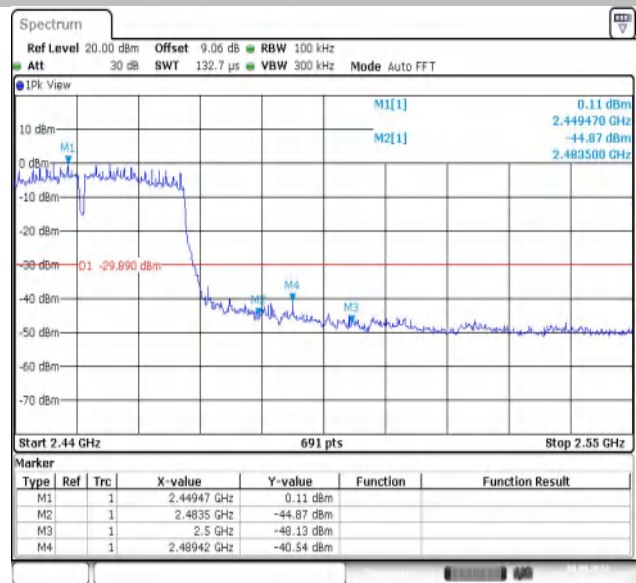
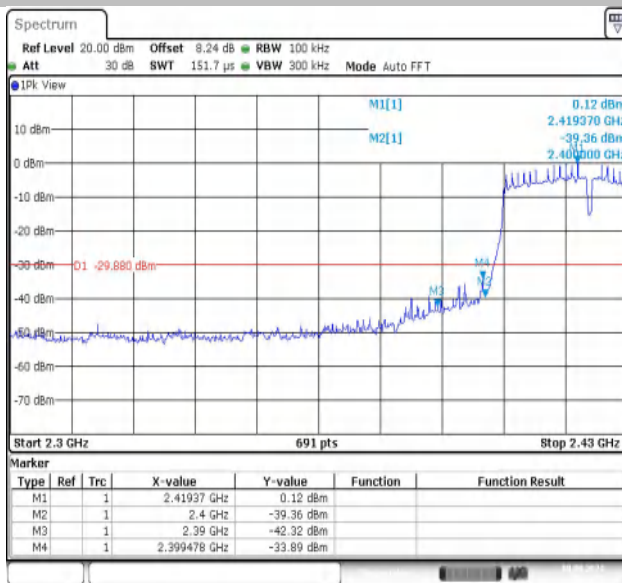


11N20MIMO-Ant2-2412-PASS

11N20MIMO-Ant1-2462-PASS

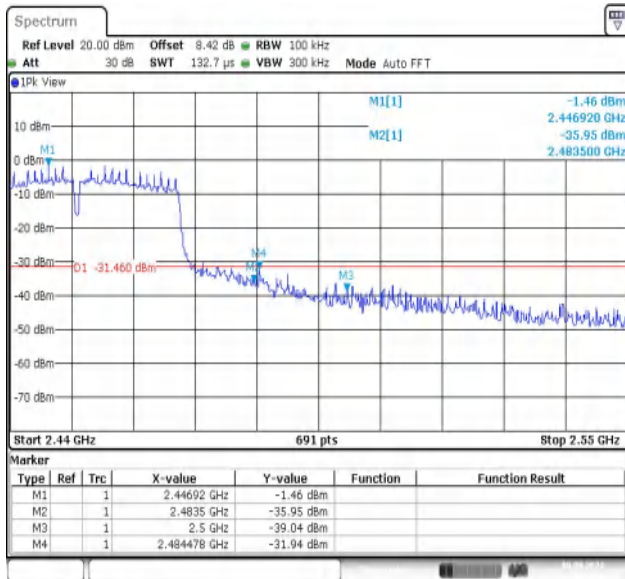


11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant2-2422-PASS

11N40MIMO-Ant1-2452-PASS



Date: 9.SEP.2024 11:03:28

N/A

11N40MIMO-Ant2-2452-PASS

N/A



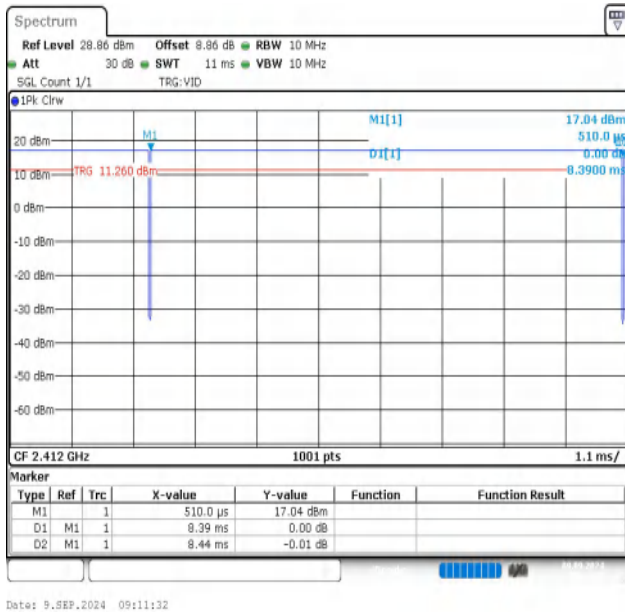
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B-CDD	Ant1	2412	8.39	8.44	99.41	0.03
11B-CDD	Ant2	2412	8.38	8.43	99.41	0.03
11B-CDD	Ant1	2437	8.38	8.43	99.41	0.03
11B-CDD	Ant2	2437	8.38	8.43	99.41	0.03
11B-CDD	Ant1	2462	8.40	8.44	99.53	0.02
11B-CDD	Ant2	2462	8.40	8.44	99.53	0.02
11G-CDD	Ant1	2412	1.39	1.45	95.86	0.18
11G-CDD	Ant2	2412	1.39	1.45	95.86	0.18
11G-CDD	Ant1	2437	1.39	1.45	95.86	0.18
11G-CDD	Ant2	2437	1.40	1.45	96.55	0.15
11G-CDD	Ant1	2462	1.40	1.45	96.55	0.15
11G-CDD	Ant2	2462	1.39	1.45	95.86	0.18
11N20MIMO	Ant1	2412	1.30	1.35	96.30	0.16
11N20MIMO	Ant2	2412	1.30	1.35	96.30	0.16
11N20MIMO	Ant1	2437	1.30	1.35	96.30	0.16
11N20MIMO	Ant2	2437	1.30	1.36	95.59	0.20
11N20MIMO	Ant1	2462	1.30	1.36	95.59	0.20
11N20MIMO	Ant2	2462	1.30	1.36	95.59	0.20
11N40MIMO	Ant1	2422	0.65	0.71	91.55	0.38
11N40MIMO	Ant2	2422	0.65	0.70	92.86	0.32
11N40MIMO	Ant1	2437	0.64	0.70	91.43	0.39
11N40MIMO	Ant2	2437	0.65	0.70	92.86	0.32
11N40MIMO	Ant1	2452	0.65	0.70	92.86	0.32
11N40MIMO	Ant2	2452	0.65	0.70	92.86	0.32

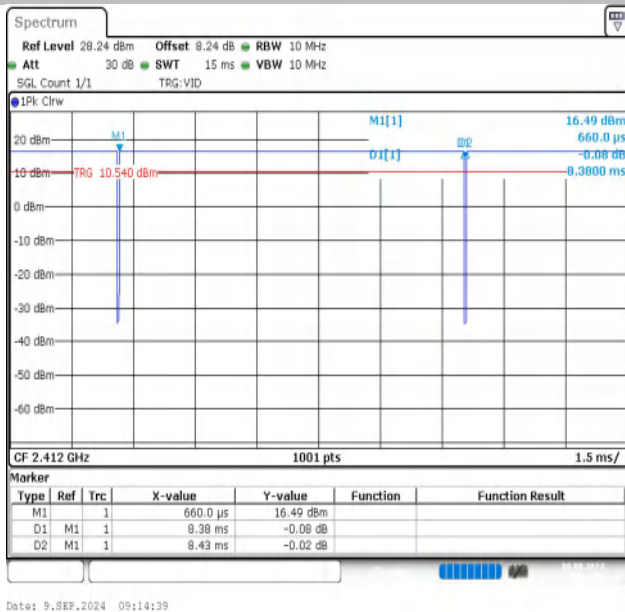


Test Graphs

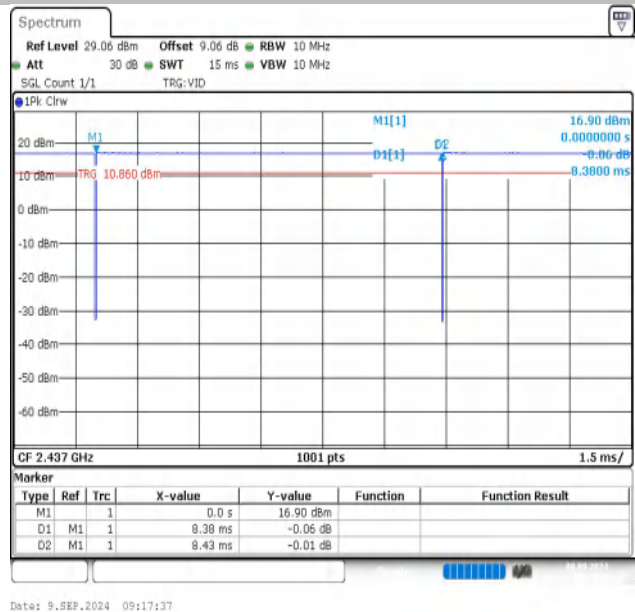


N/A

NTNV-11B-CDD-Ant1-2412

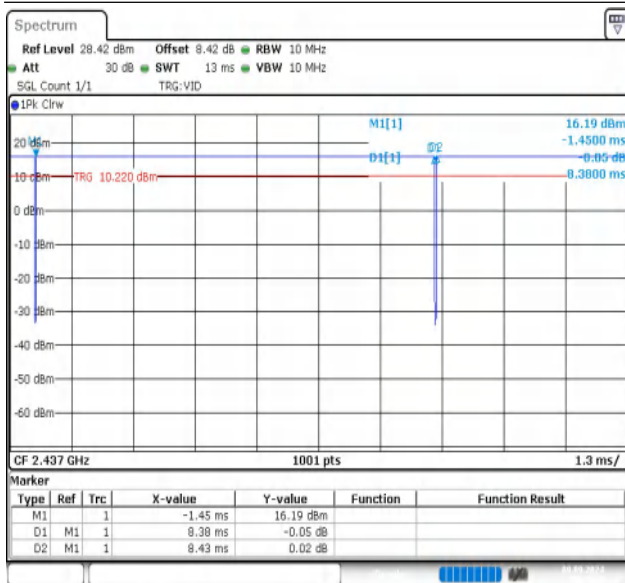


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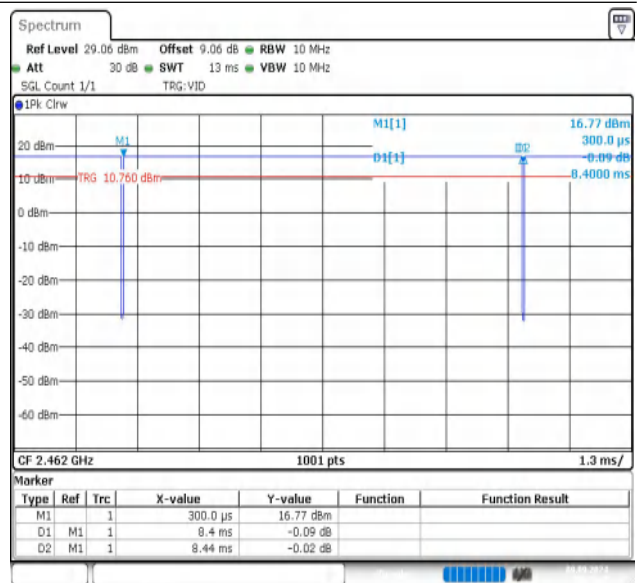


NTNV-11B-CDD-Ant2-2412

NTNV-11B-CDD-Ant1-2437



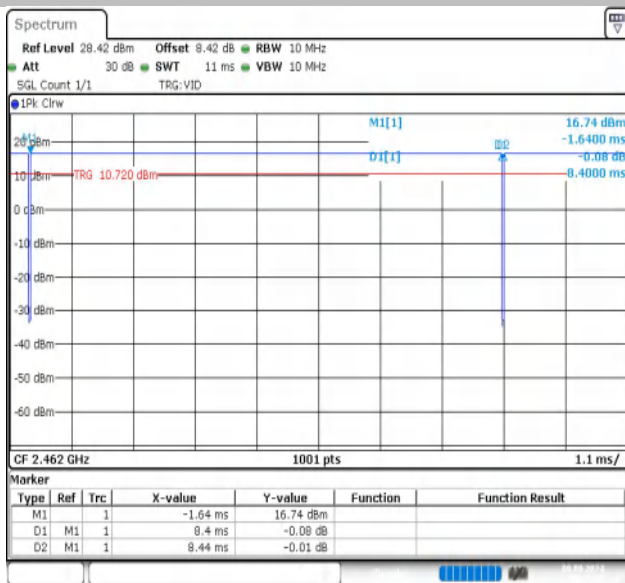
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Date: 9.SEP.2024 09:22:47

NTNV-11B-CDD-Ant2-2437

NTNV-11B-CDD-Ant1-2462

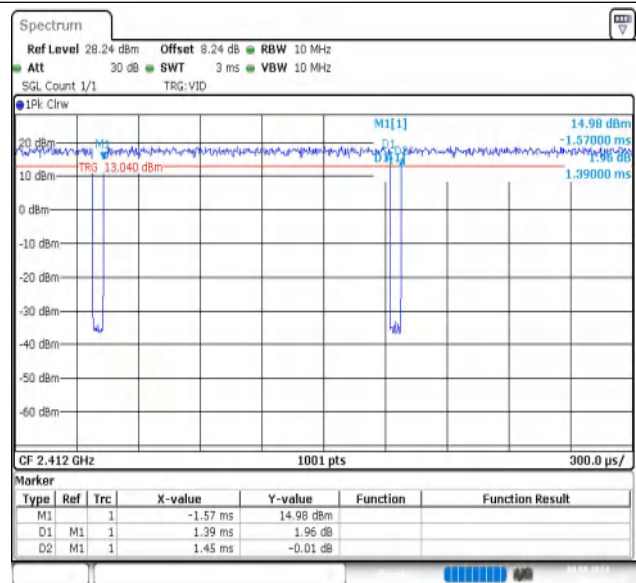
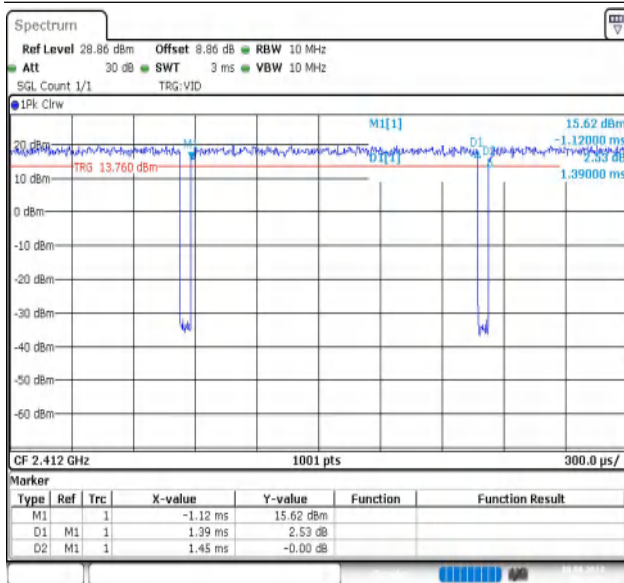


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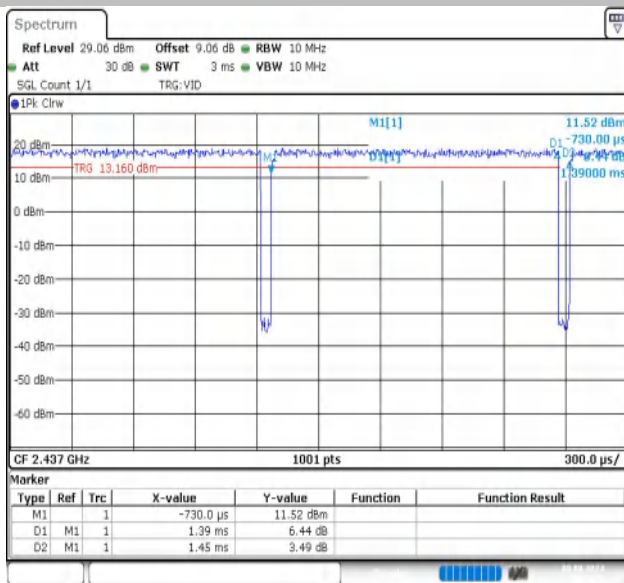
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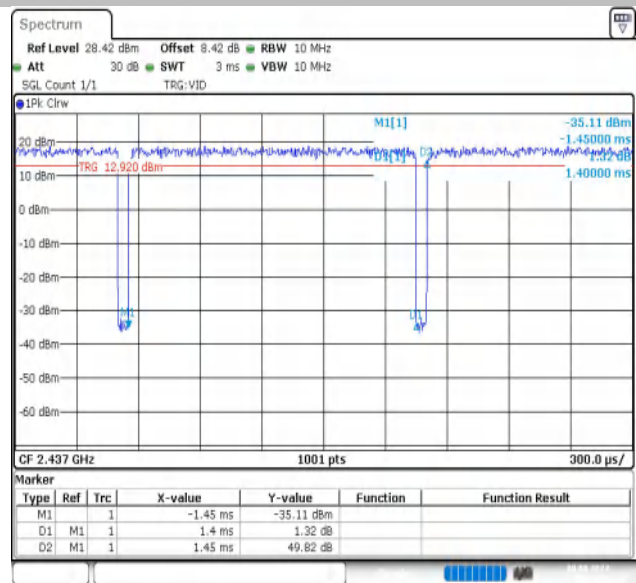
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NTNV-11G-CDD-Ant1-2412

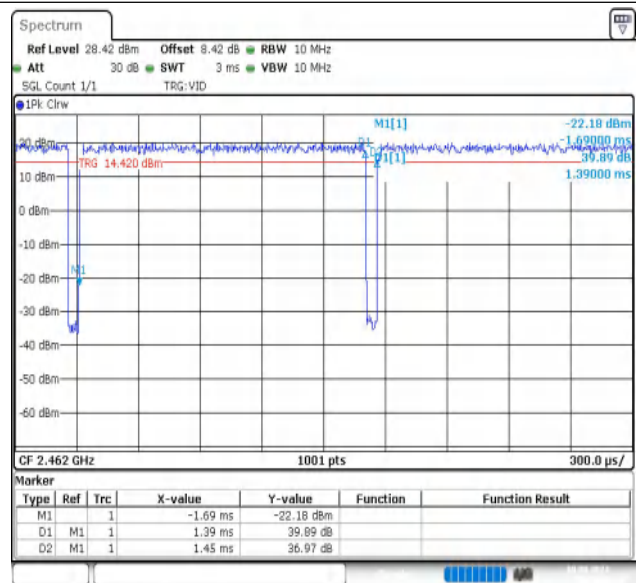
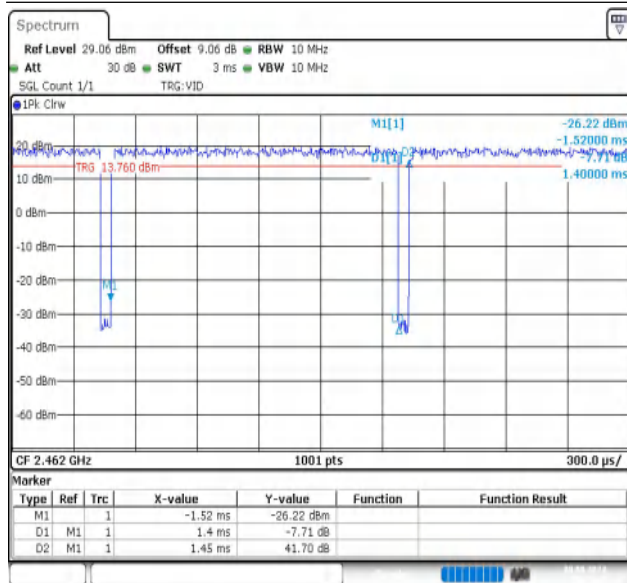


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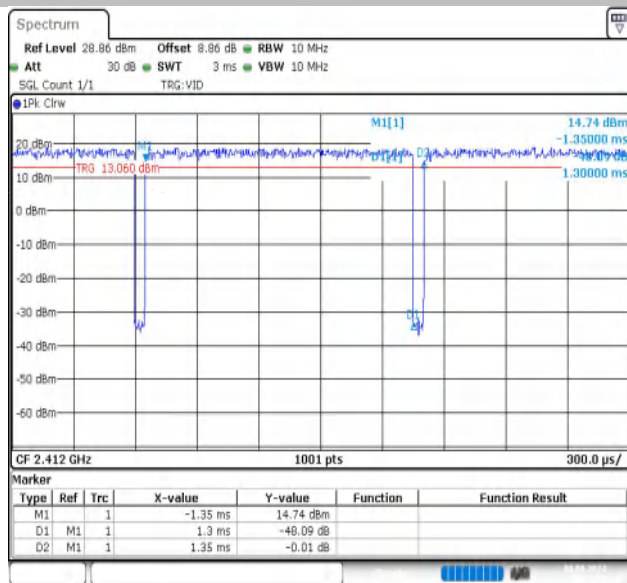


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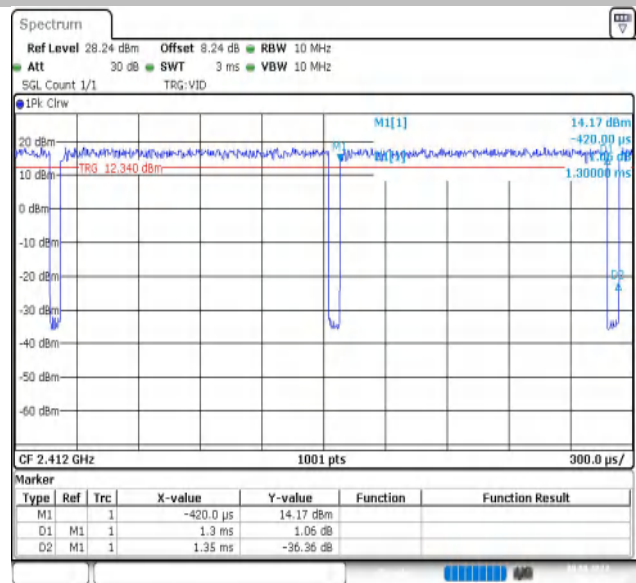
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NTNV-11G-CDD-Ant1-2462

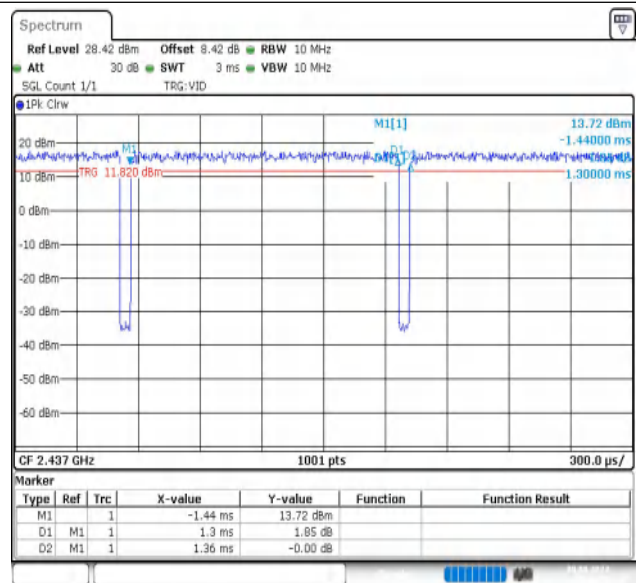
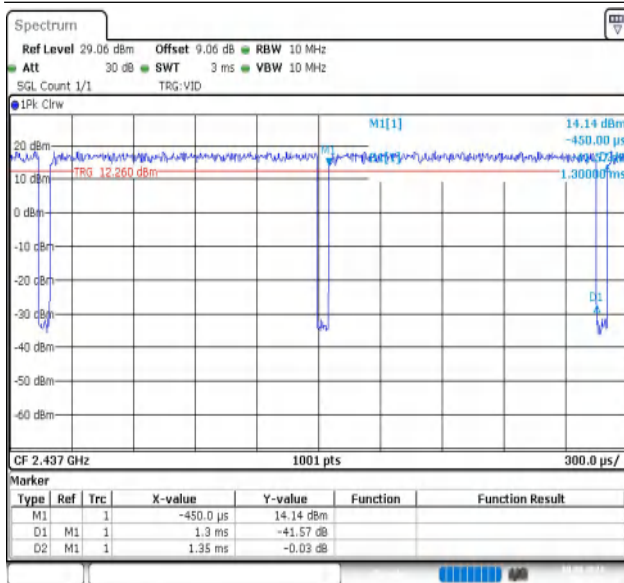


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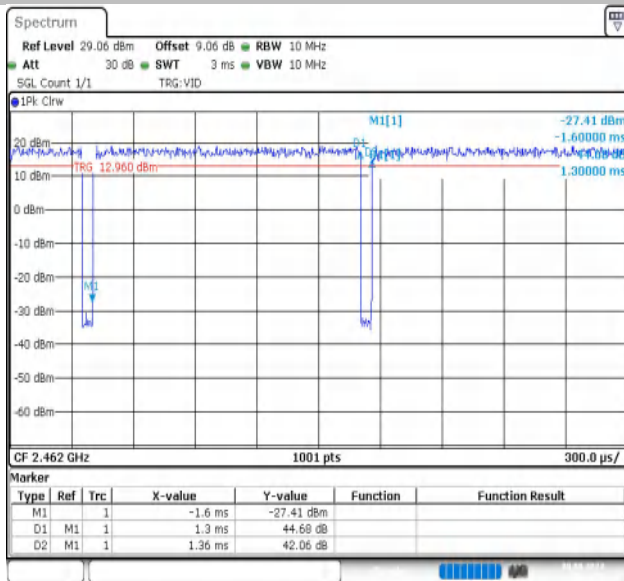


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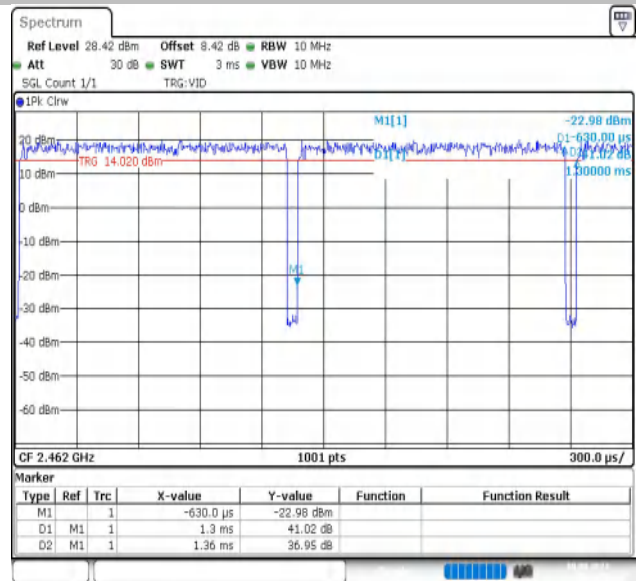
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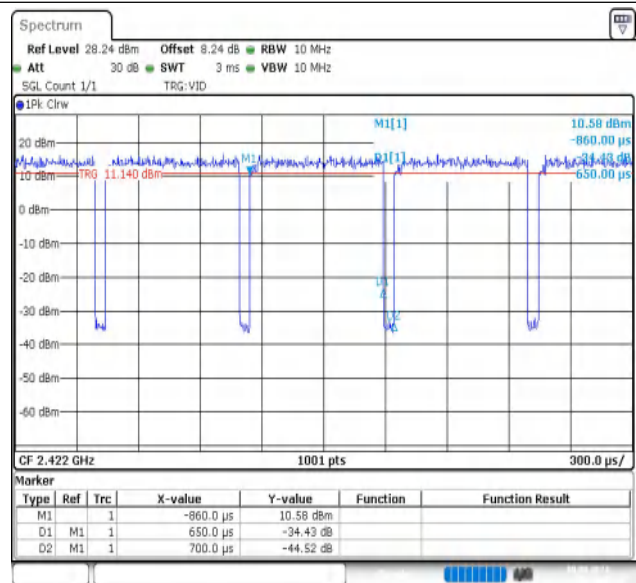
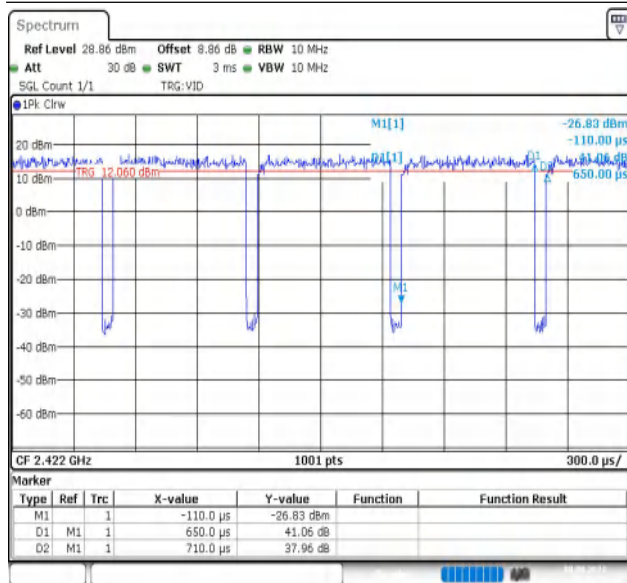


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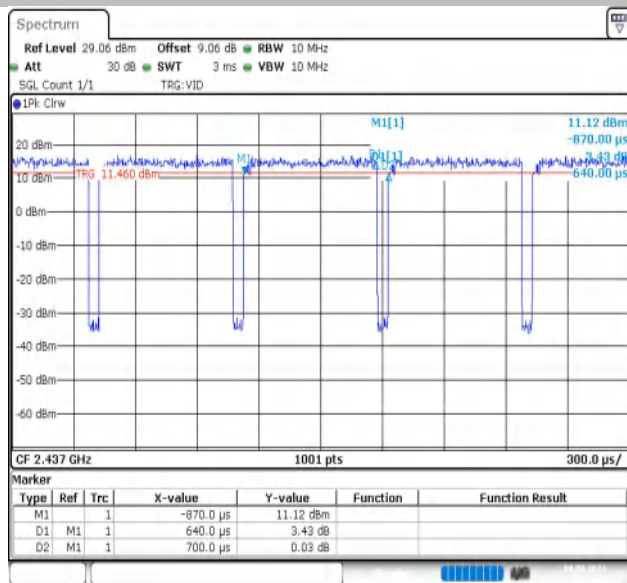


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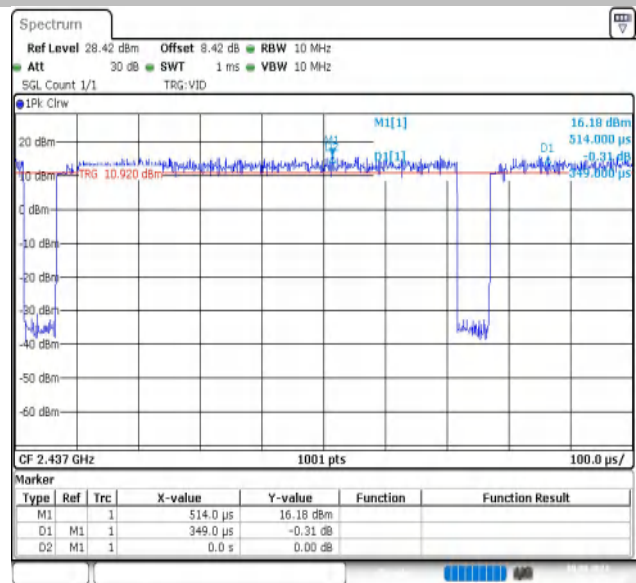
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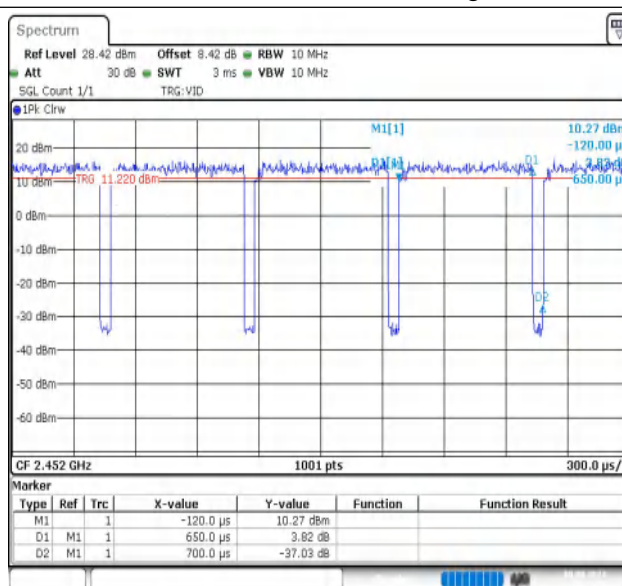
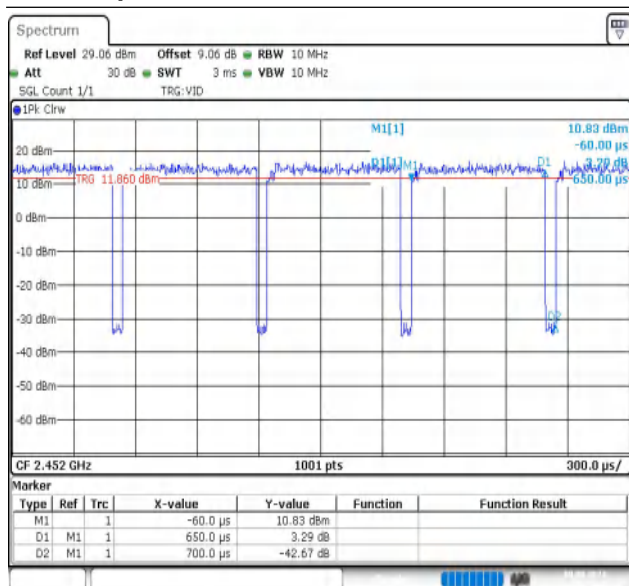


NTNV-11N40MIMO-Ant2-2422



NTNV-11N40MIMO-Ant1-2437

NTNV-11N40MIMO-Ant2-2437



NTNV-11N40MIMO-Ant1-2452

NTNV-11N40MIMO-Ant2-2452

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