



Appendix A: DTS Bandwidth

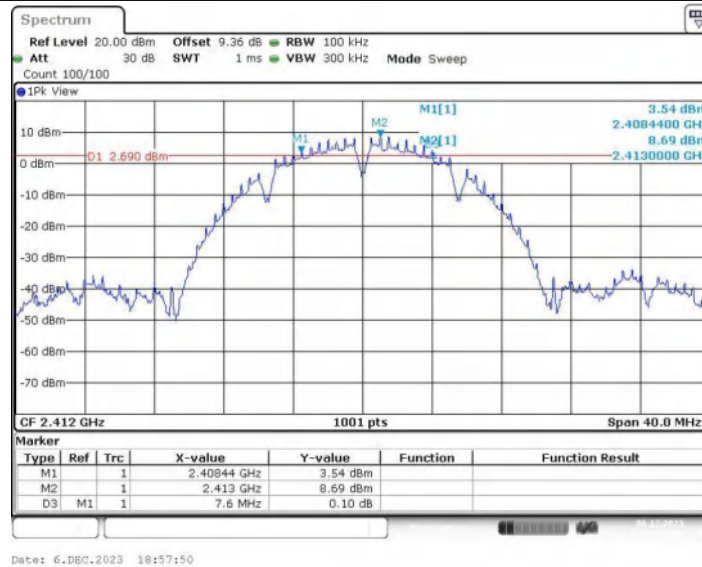
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.60	2408.44	2416.04	0.5	PASS
	Ant2	2412	9.08	2407.44	2416.52	0.5	PASS
	Ant1	2437	9.04	2432.48	2441.52	0.5	PASS
	Ant2	2437	8.56	2432.48	2441.04	0.5	PASS
	Ant1	2462	8.52	2457.96	2466.48	0.5	PASS
	Ant2	2462	8.56	2457.48	2466.04	0.5	PASS
11G	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
	Ant2	2412	16.32	2403.84	2420.16	0.5	PASS
	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant2	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant1	2462	16.36	2453.80	2470.16	0.5	PASS
	Ant2	2462	16.32	2453.84	2470.16	0.5	PASS
11N20MIMO	Ant1	2412	17.60	2403.20	2420.80	0.5	PASS
	Ant2	2412	17.60	2403.20	2420.80	0.5	PASS
	Ant1	2437	17.56	2428.20	2445.76	0.5	PASS
	Ant2	2437	17.60	2428.16	2445.76	0.5	PASS
	Ant1	2462	17.56	2453.20	2470.76	0.5	PASS
	Ant2	2462	16.96	2453.84	2470.80	0.5	PASS
11N40MIMO	Ant1	2422	36.08	2404.08	2440.16	0.5	PASS
	Ant2	2422	32.56	2403.84	2436.40	0.5	PASS
	Ant1	2437	33.76	2421.00	2454.76	0.5	PASS
	Ant2	2437	35.68	2419.48	2455.16	0.5	PASS
	Ant1	2452	36.32	2433.84	2470.16	0.5	PASS
	Ant2	2452	36.40	2433.84	2470.24	0.5	PASS

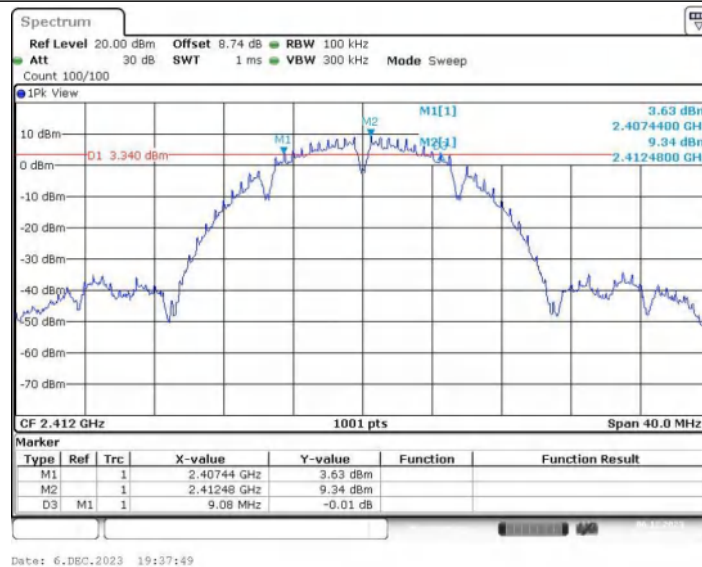


Test Graphs

11B_Ant1_2412



11B_Ant2_2412



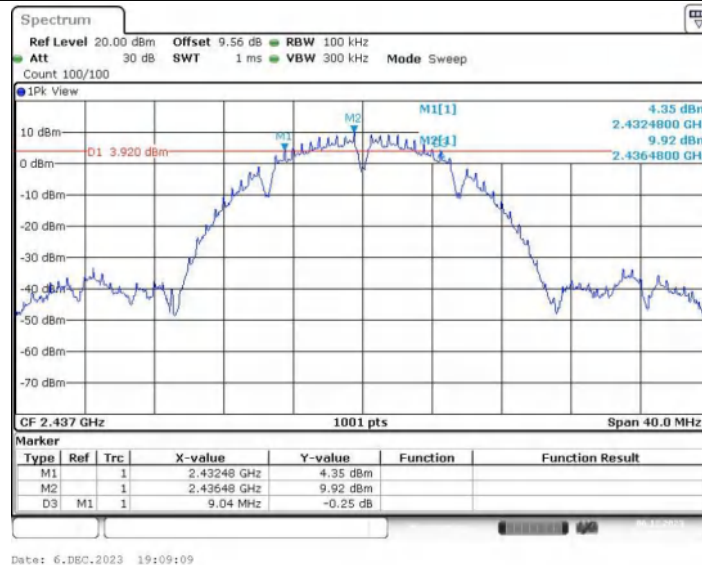
11B_Ant1_2437



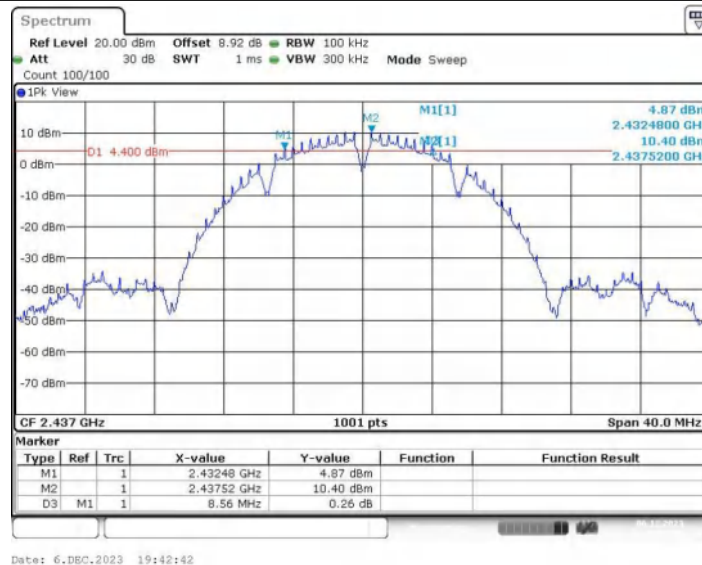
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 3 of 102



11B_Ant2_2437



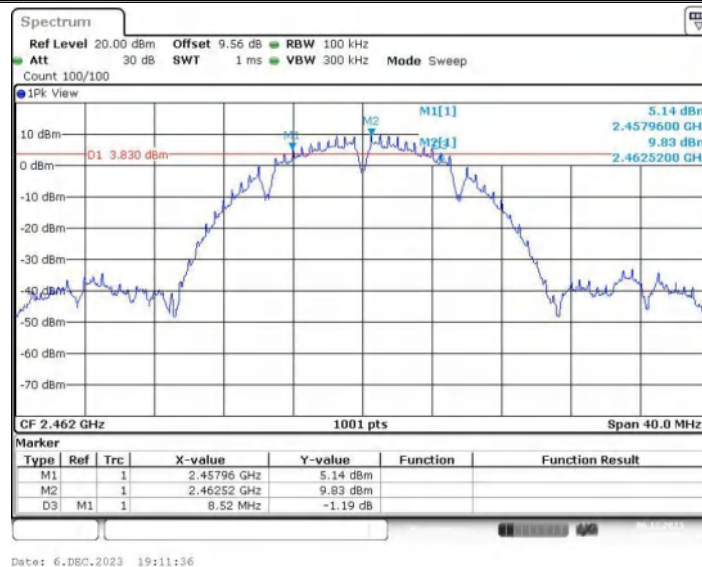
11B_Ant1_2462



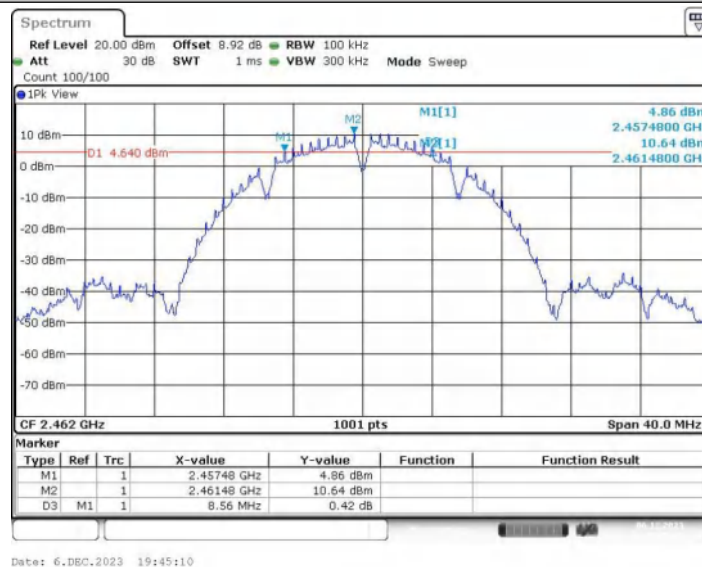
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

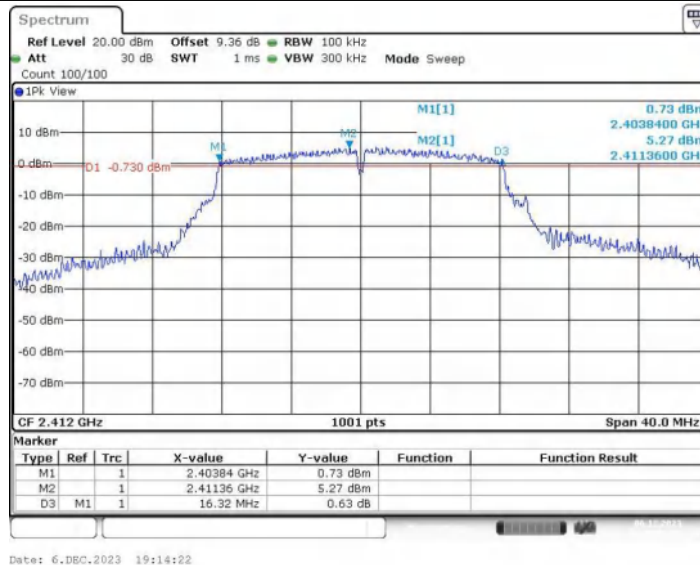
Page 4 of 102



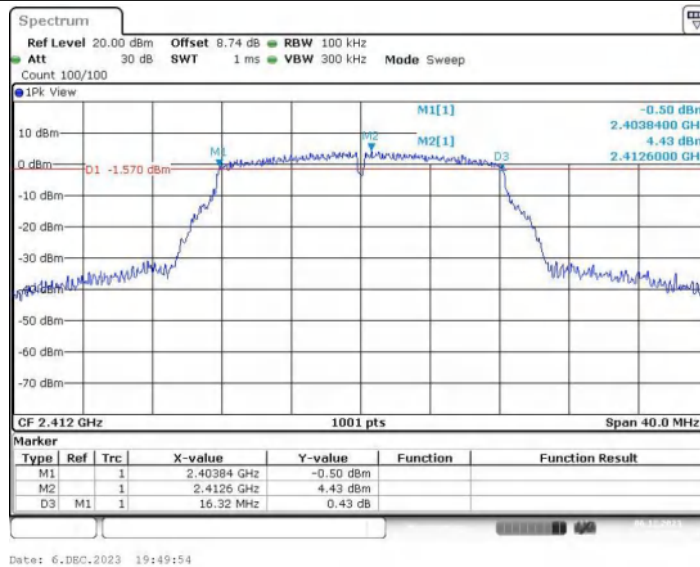
11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



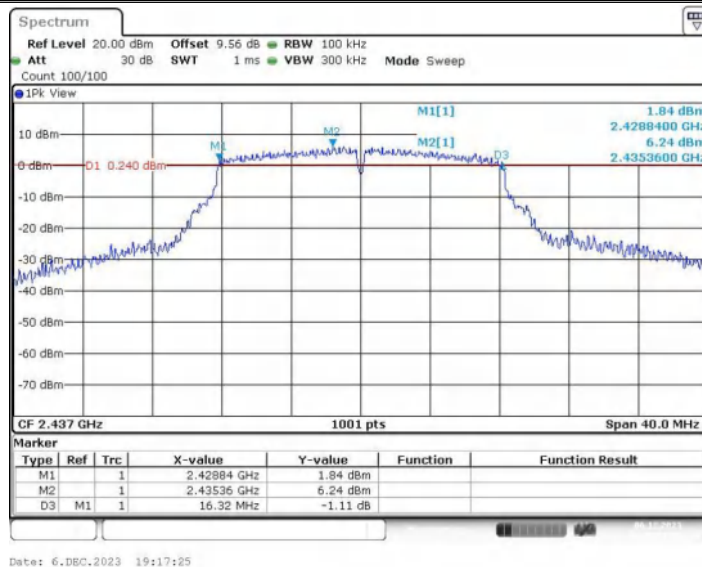
11G_Ant1_2437



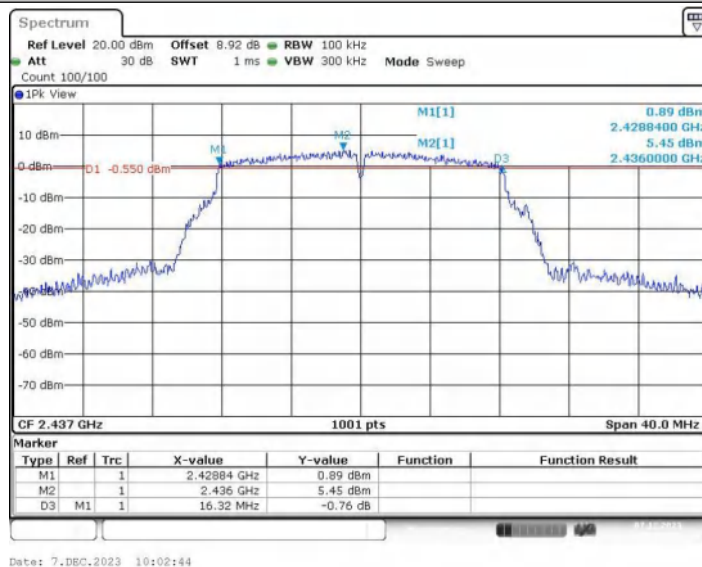
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 6 of 102



11G_Ant2_2437



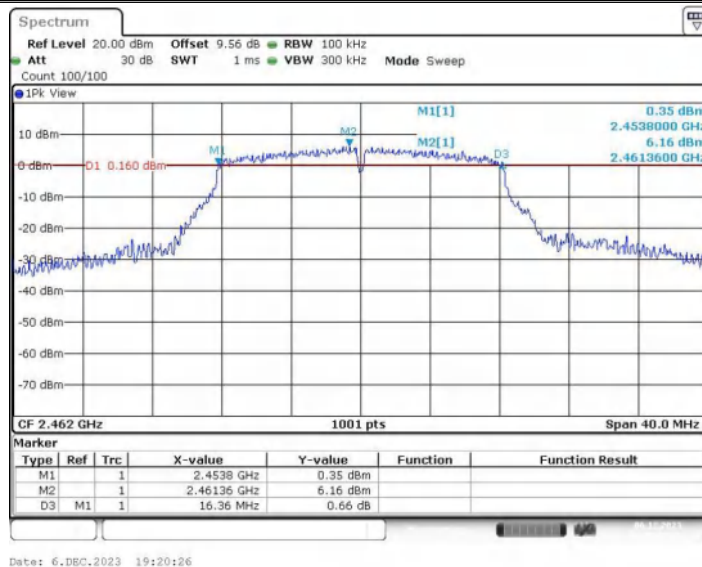
11G_Ant1_2462



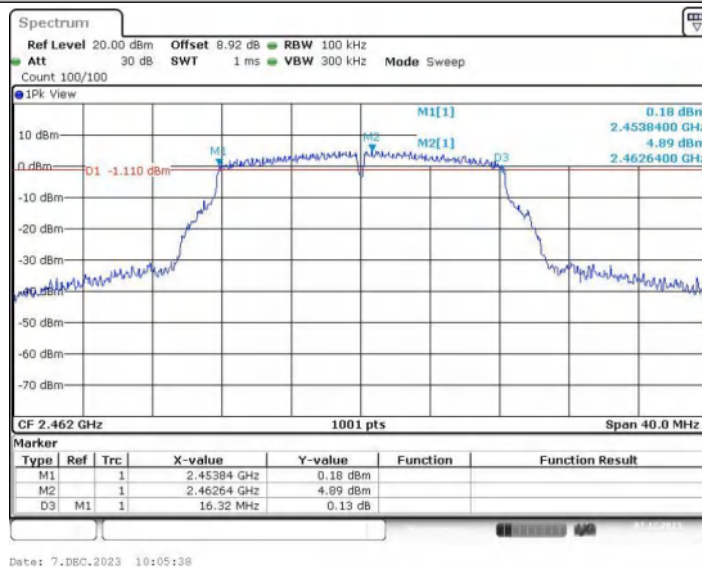
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

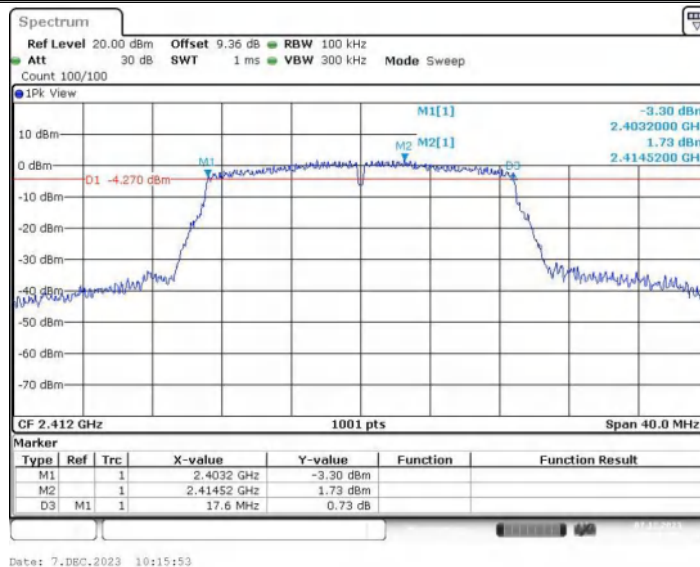
Page 7 of 102



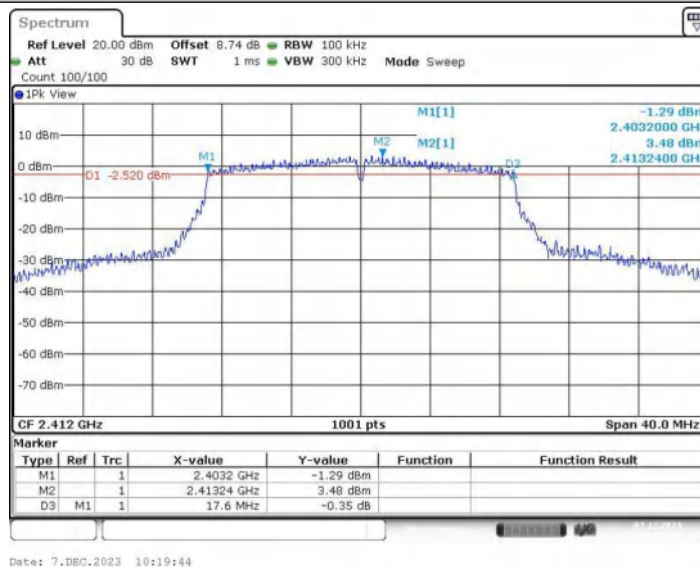
11G_Ant2_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



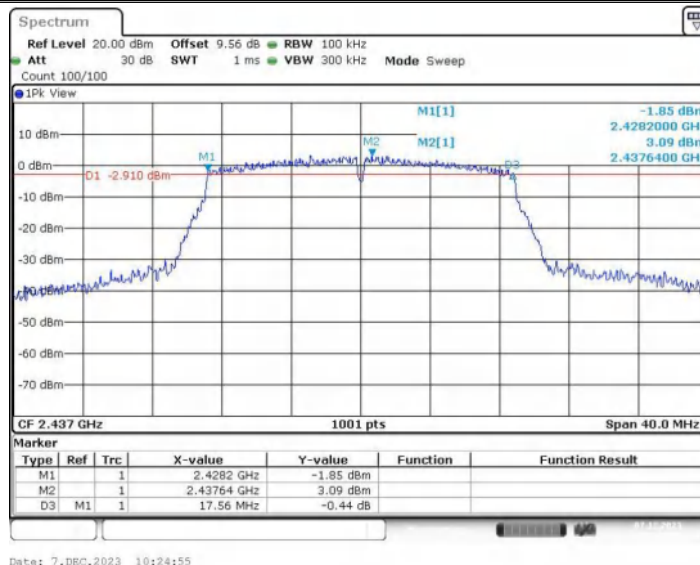
11N20MIMO_Ant1_2437



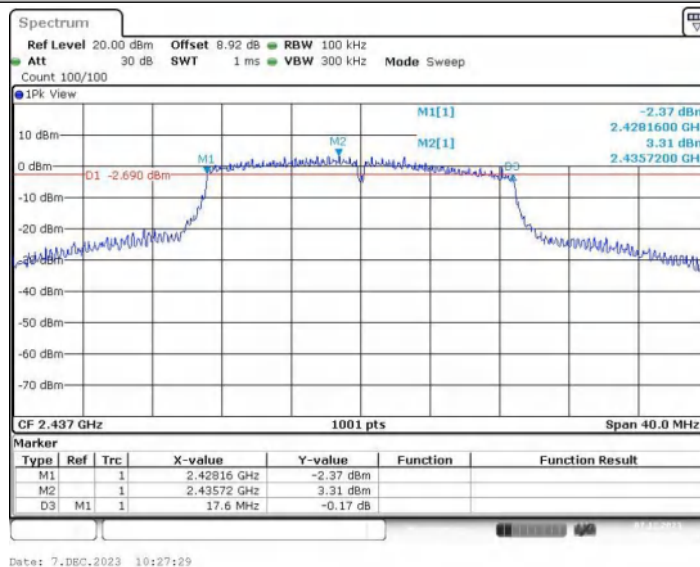
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 9 of 102



11N20MIMO_Ant2_2437



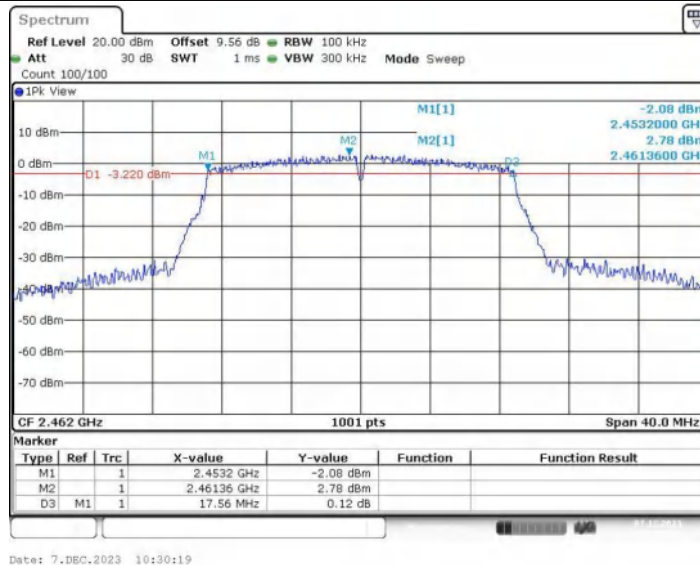
11N20MIMO_Ant1_2462



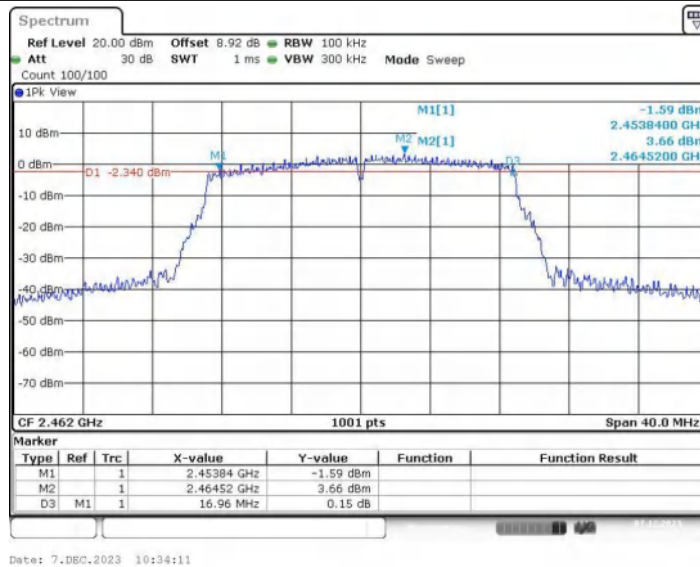
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 10 of 102



11N20MIMO_Ant2_2462



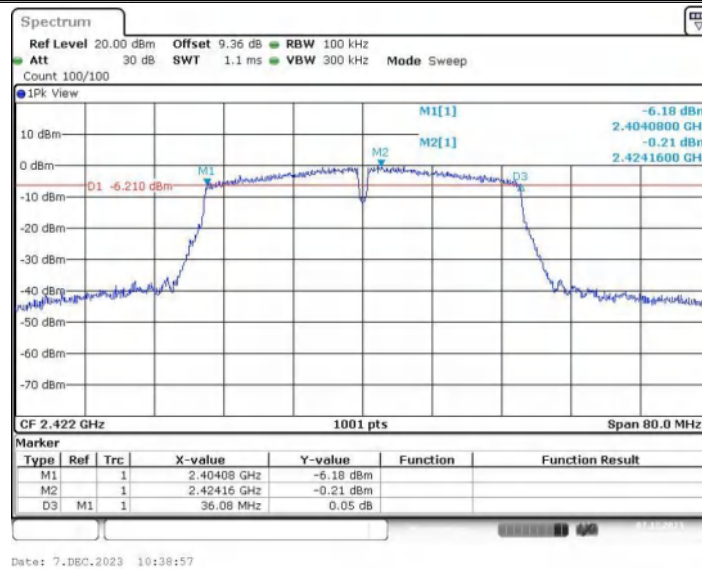
11N40MIMO_Ant1_2422



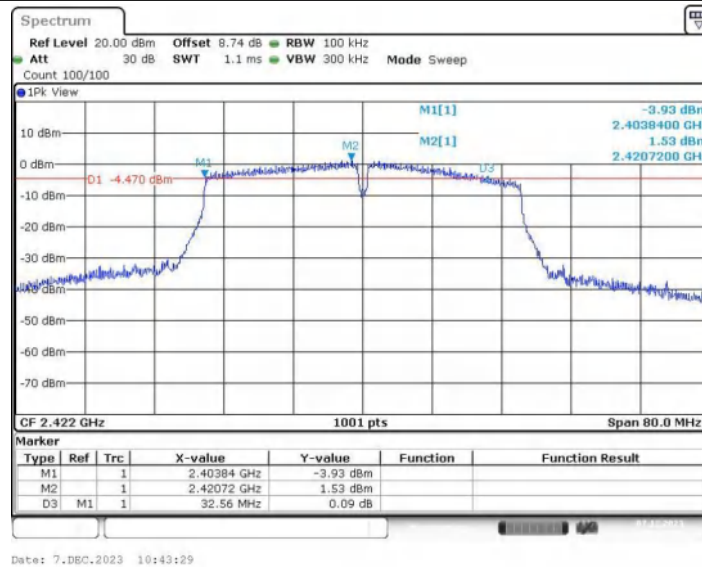
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

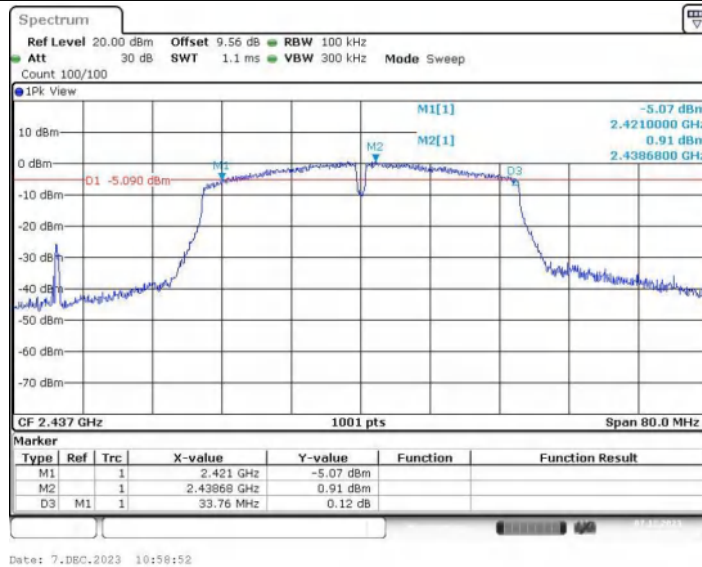
Page 11 of 102



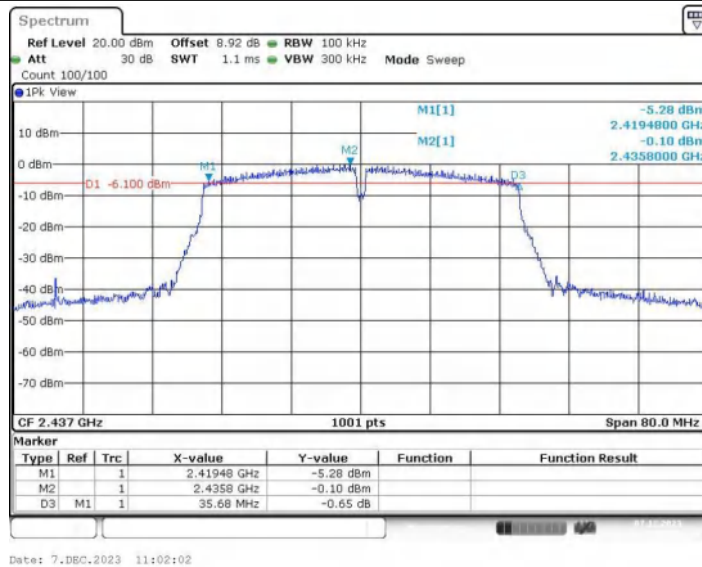
11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



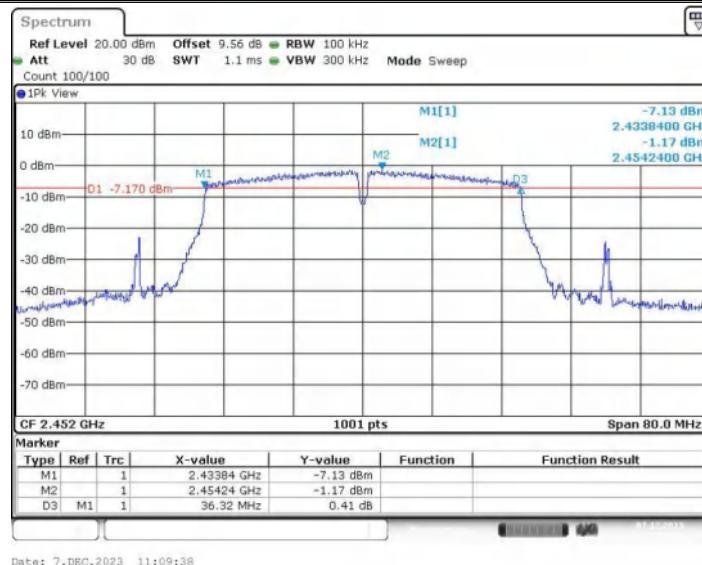
11N40MIMO_Ant1_2452



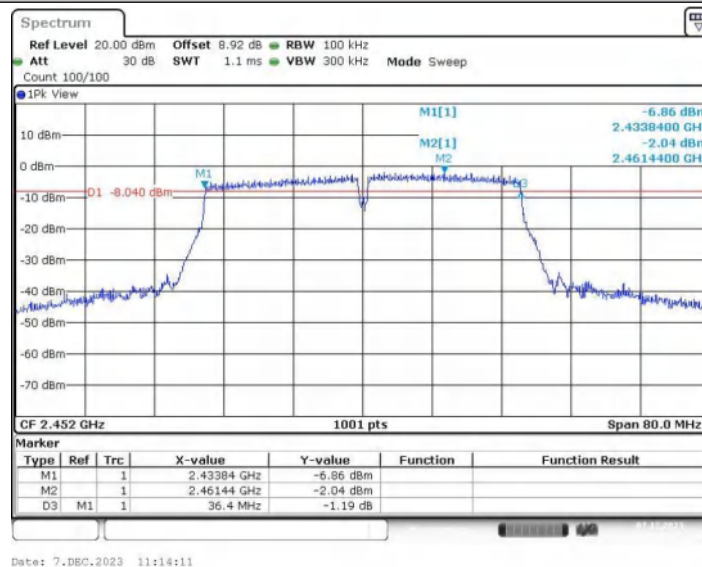
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 13 of 102



11N40MIMO_Ant2_2452





Appendix B: Occupied Channel Bandwidth

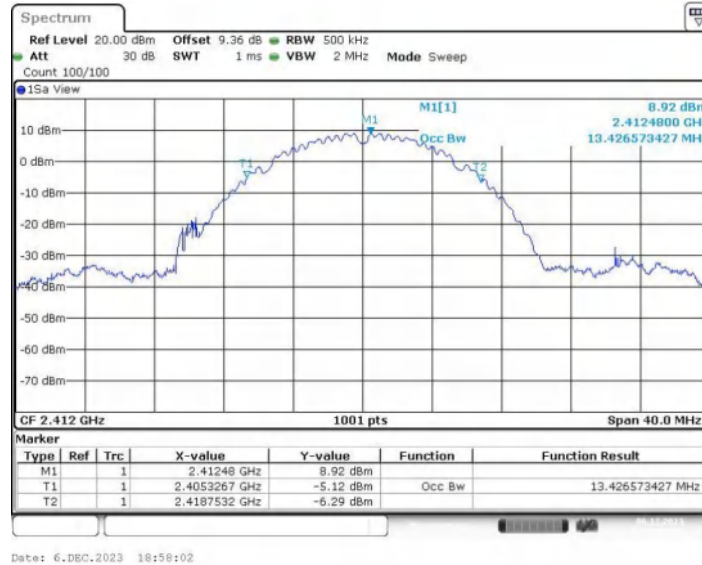
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.427	2405.3267	2418.7532	---	---
	Ant2	2412	13.546	2405.2468	2418.7932	---	---
	Ant1	2437	13.427	2430.2068	2443.6334	---	---
	Ant2	2437	13.546	2430.1269	2443.6733	---	---
	Ant1	2462	13.427	2455.2468	2468.6733	---	---
	Ant2	2462	13.427	2455.2867	2468.7133	---	---
11G	Ant1	2412	17.423	2403.3686	2420.7912	---	---
	Ant2	2412	17.223	2403.4086	2420.6314	---	---
	Ant1	2437	17.383	2428.2887	2445.6713	---	---
	Ant2	2437	17.183	2428.3686	2445.5514	---	---
	Ant1	2462	17.383	2453.3287	2470.7113	---	---
	Ant2	2462	17.183	2453.4086	2470.5914	---	---
11N20MIMO	Ant1	2412	18.062	2403.0090	2421.0709	---	---
	Ant2	2412	17.942	2403.0090	2420.9510	---	---
	Ant1	2437	18.062	2427.9291	2445.9910	---	---
	Ant2	2437	18.142	2427.7692	2445.9111	---	---
	Ant1	2462	18.062	2452.9690	2471.0310	---	---
	Ant2	2462	17.822	2453.1688	2470.9910	---	---
11N40MIMO	Ant1	2422	36.284	2403.9381	2440.2218	---	---
	Ant2	2422	36.204	2403.6983	2439.9021	---	---
	Ant1	2437	35.964	2419.1778	2455.1419	---	---
	Ant2	2437	36.284	2418.8581	2455.1419	---	---
	Ant1	2452	36.444	2433.7782	2470.2218	---	---
	Ant2	2452	36.683	2433.7782	2470.4615	---	---

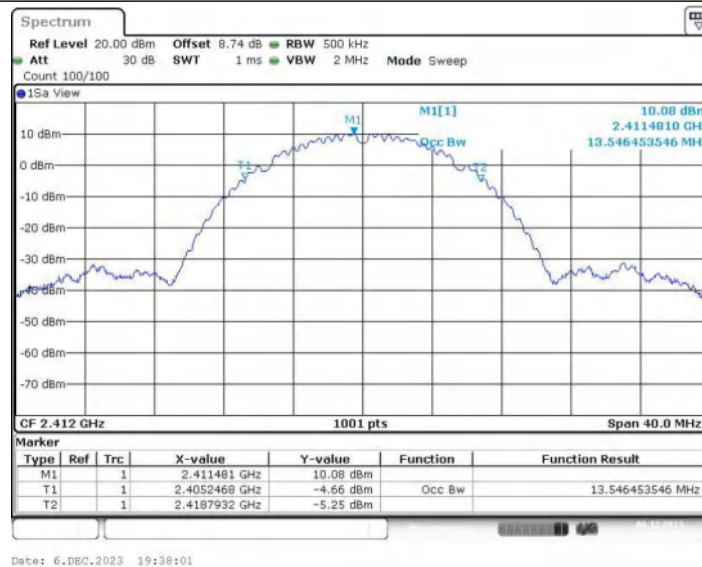


Test Graphs

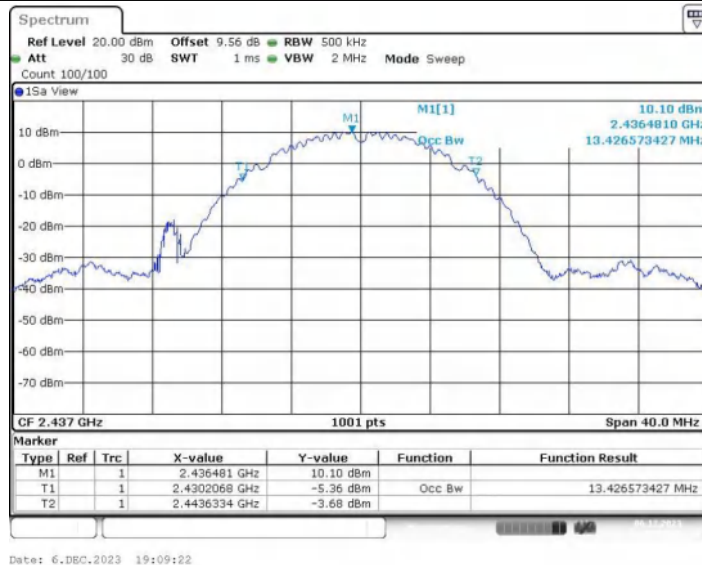
11B_Ant1_2412



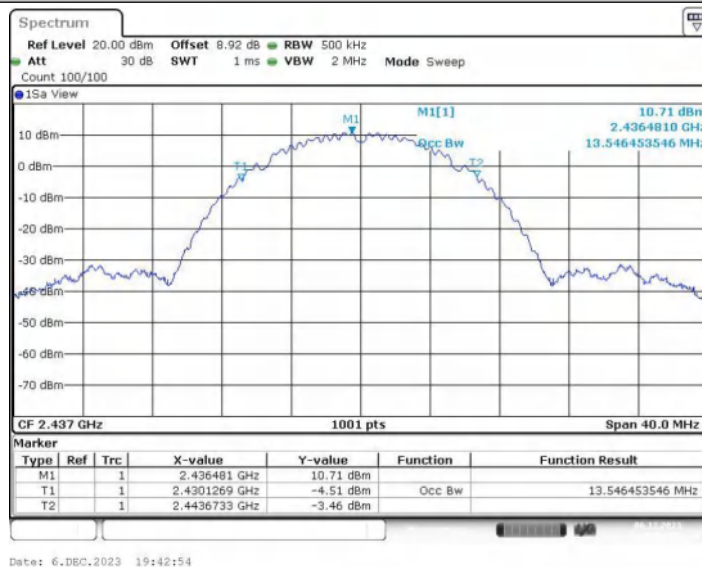
11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



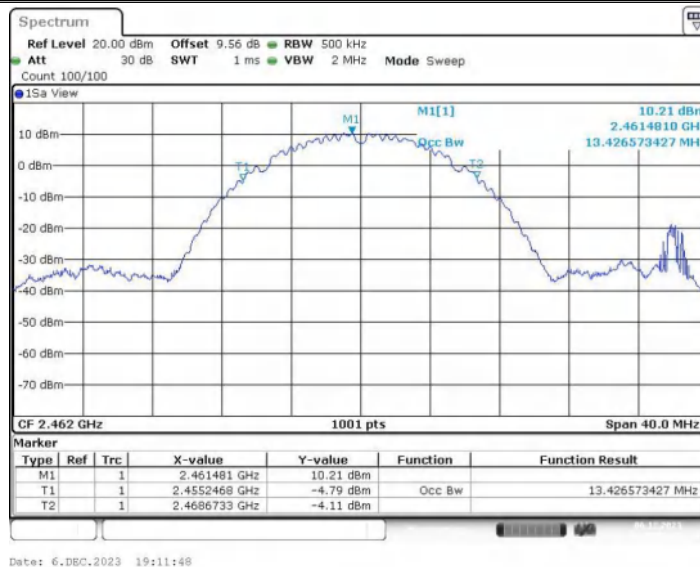
11B_Ant1_2462



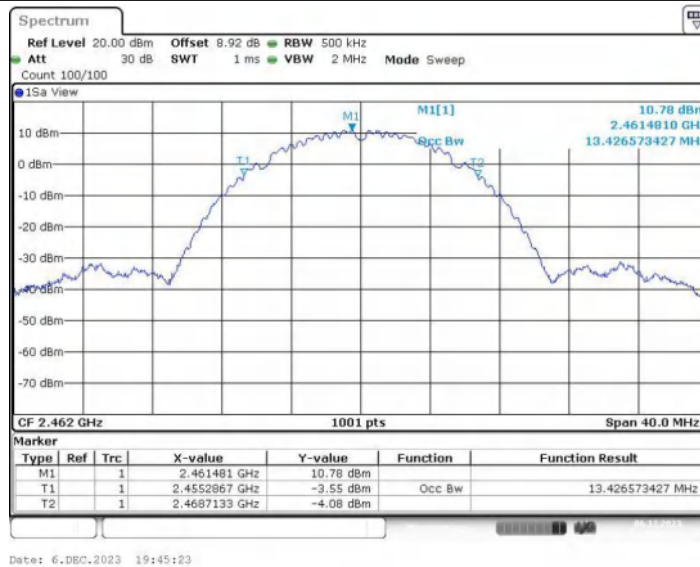
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 17 of 102



11B_Ant2_2462



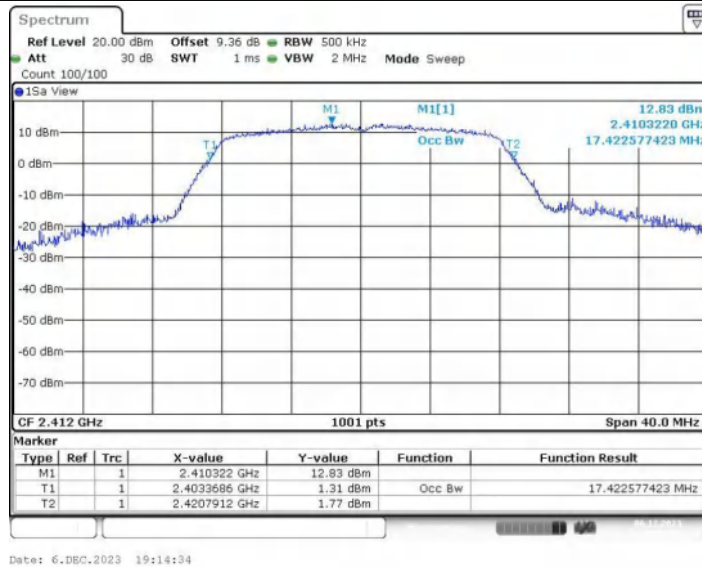
11G_Ant1_2412



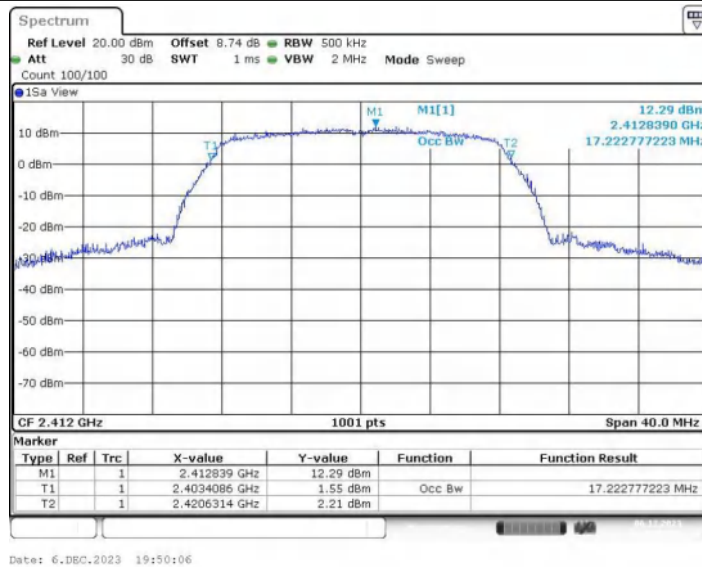
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

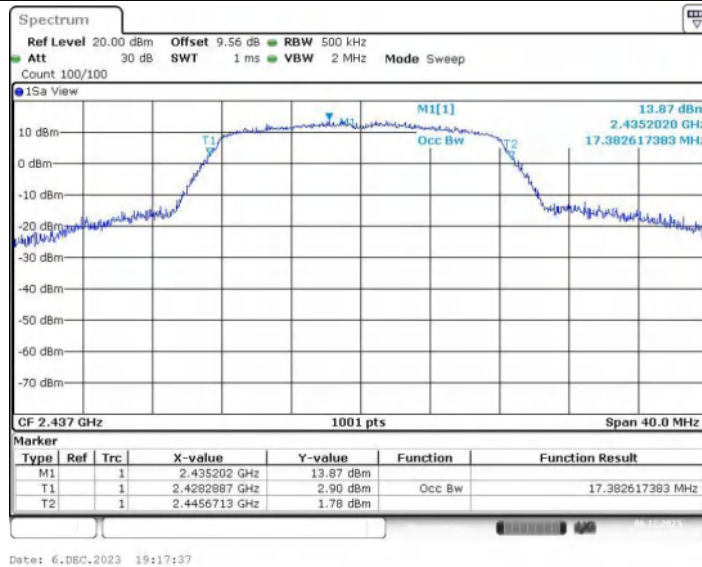
Page 18 of 102



11G_Ant2_2412



11G_Ant1_2437



11G_Ant2_2437



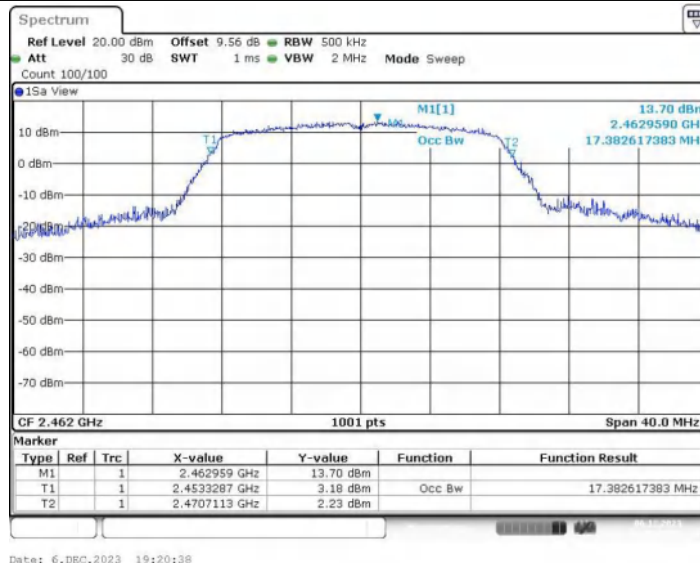
11G_Ant1_2462



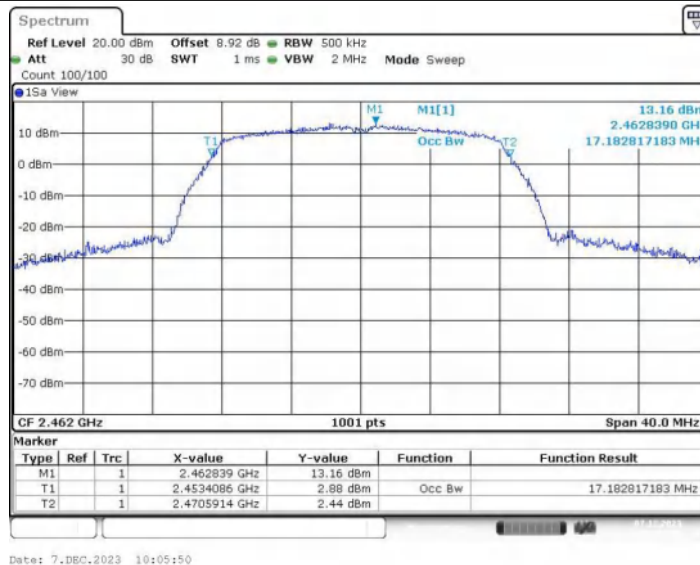
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 20 of 102



11G_Ant2_2462



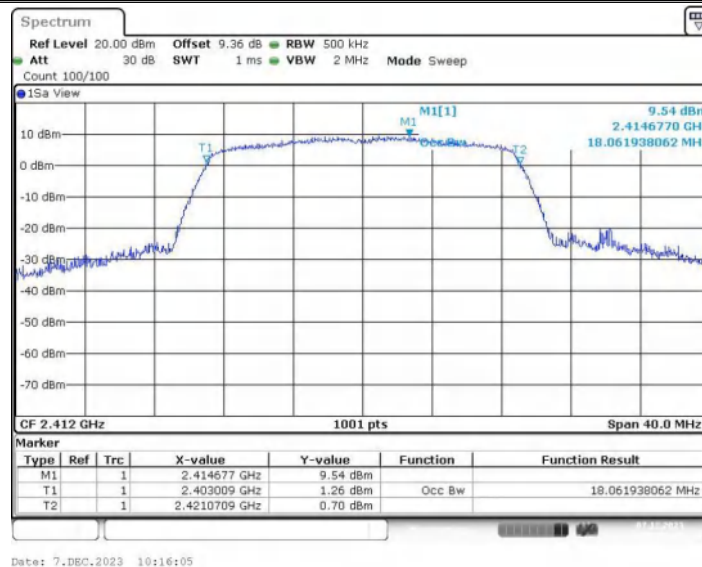
11N20MIMO_Ant1_2412



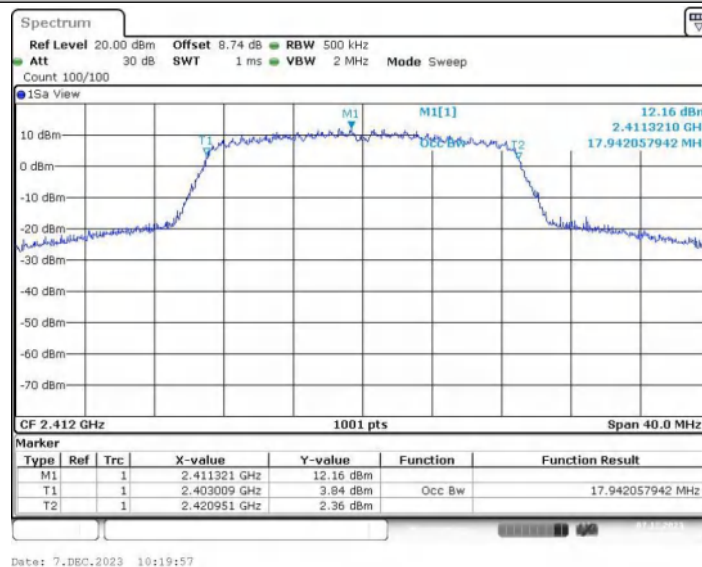
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 21 of 102



11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



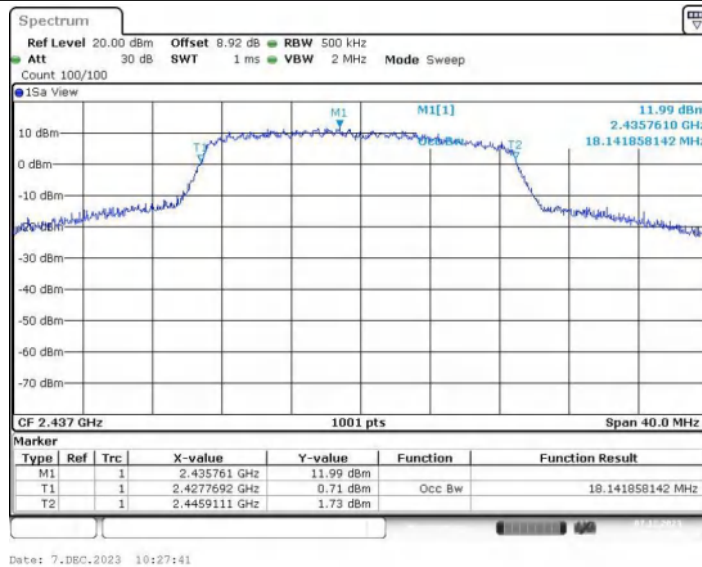
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 22 of 102



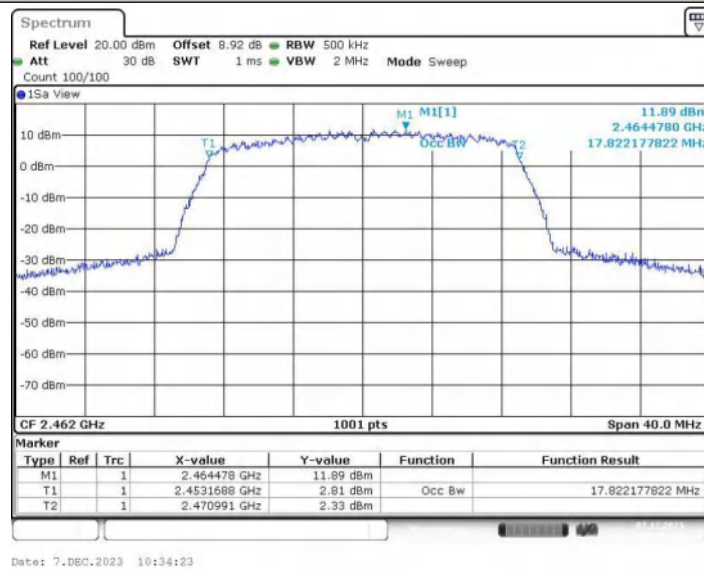
11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



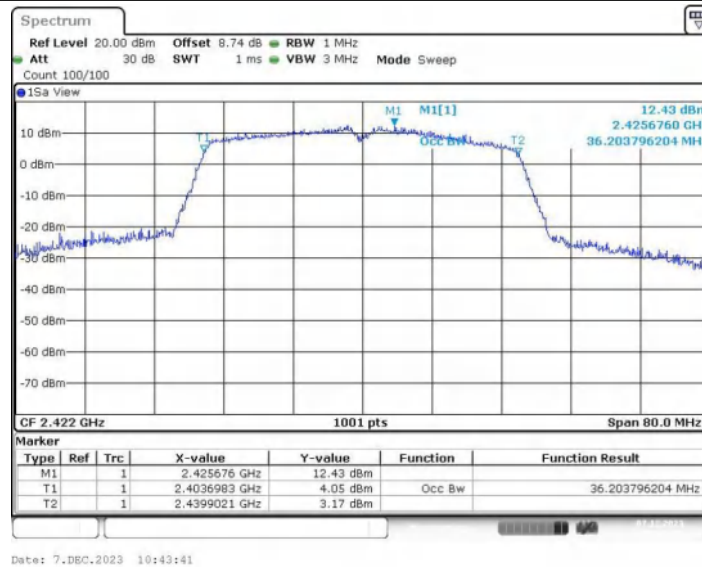
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

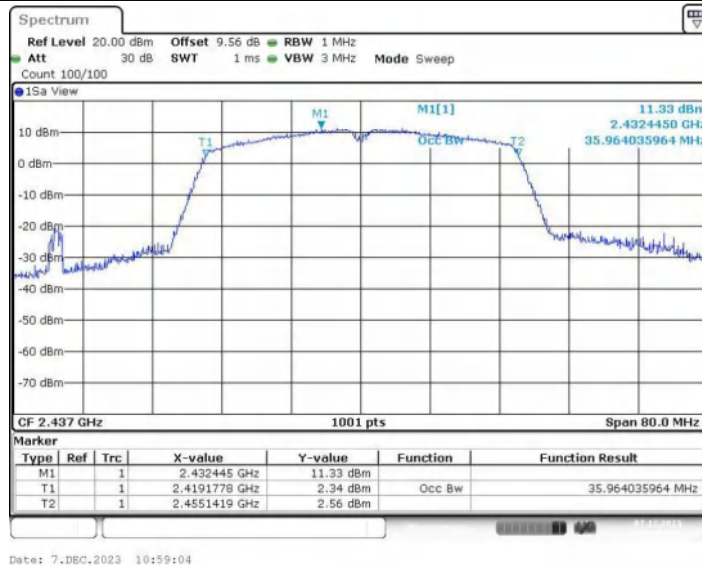
Page 24 of 102



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



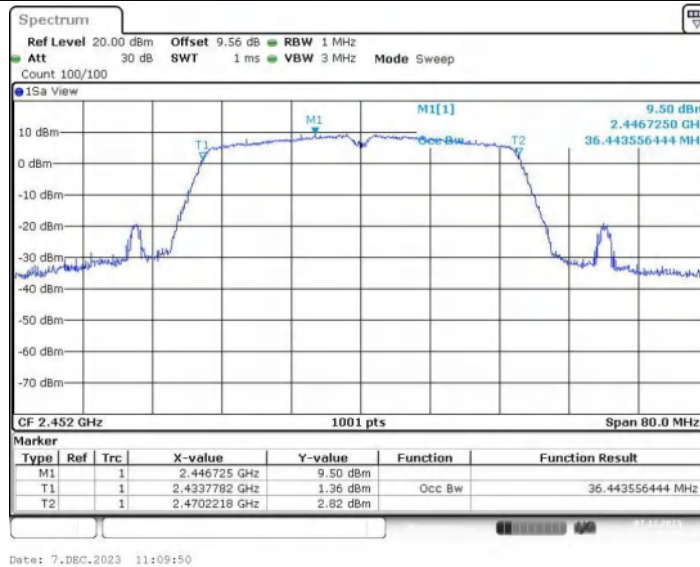
11N40MIMO_Ant1_2452



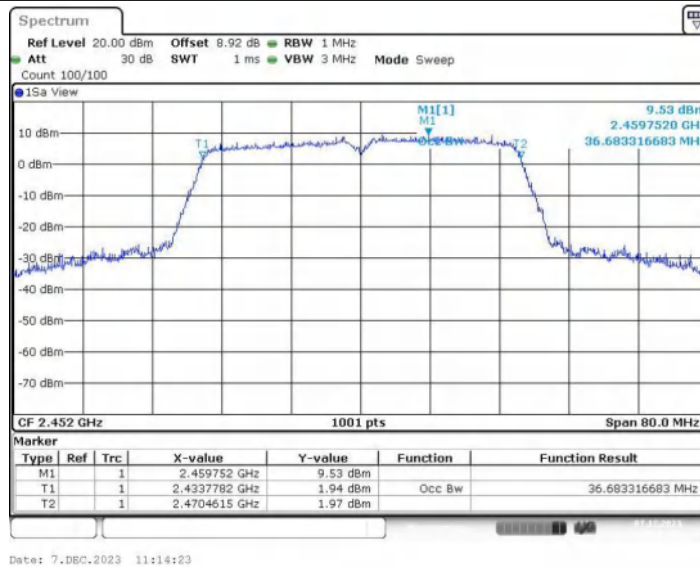
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 26 of 102



11N40MIMO_Ant2_2452





Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted power [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	15.46	15.46	≤30.00	-2.21	13.25	≤36.00	PASS
	Ant2	2412	17.50	17.50	≤30.00	-3.02	14.48	≤36.00	PASS
	Ant1	2437	16.71	16.71	≤30.00	-2.21	14.50	≤36.00	PASS
	Ant2	2437	18.09	18.09	≤30.00	-3.02	15.07	≤36.00	PASS
	Ant1	2462	16.33	16.33	≤30.00	-2.21	14.12	≤36.00	PASS
	Ant2	2462	17.97	17.97	≤30.00	-3.02	14.95	≤36.00	PASS
11G	Ant1	2412	23.55	23.55	≤30.00	-2.21	21.34	≤36.00	PASS
	Ant2	2412	24.19	24.19	≤30.00	-3.02	21.17	≤36.00	PASS
	Ant1	2437	24.12	24.12	≤30.00	-2.21	21.91	≤36.00	PASS
	Ant2	2437	24.76	24.76	≤30.00	-3.02	21.74	≤36.00	PASS
	Ant1	2462	23.87	23.87	≤30.00	-2.21	21.66	≤36.00	PASS
	Ant2	2462	24.57	24.57	≤30.00	-3.02	21.55	≤36.00	PASS
11N20MI MO	Ant1	2412	20.34	20.34	≤30.00	-2.21	18.13	≤36.00	PASS
	Ant2	2412	21.89	21.89	≤30.00	-3.02	18.87	≤36.00	PASS
	total	2412	---	24.19	≤30.00	---	21.53	≤36.00	PASS
	Ant1	2437	21.06	21.06	≤30.00	-2.21	18.85	≤36.00	PASS
	Ant2	2437	20.66	20.66	≤30.00	-3.02	17.64	≤36.00	PASS
	total	2437	---	23.87	≤30.00	---	21.30	≤36.00	PASS
	Ant1	2462	20.95	20.95	≤30.00	-2.21	18.74	≤36.00	PASS
	Ant2	2462	21.11	21.11	≤30.00	-3.02	18.09	≤36.00	PASS
	total	2462	---	24.04	≤30.00	---	21.44	≤36.00	PASS
11N40MI MO	Ant1	2422	20.81	20.81	≤30.00	-2.21	18.60	≤36.00	PASS
	Ant2	2422	21.81	21.81	≤30.00	-3.02	18.79	≤36.00	PASS
	total	2422	---	24.35	≤30.00	---	21.71	≤36.00	PASS
	Ant1	2437	21.12	21.12	≤30.00	-2.21	18.91	≤36.00	PASS
	Ant2	2437	21.00	21.00	≤30.00	-3.02	17.98	≤36.00	PASS
	total	2437	---	24.07	≤30.00	---	21.48	≤36.00	PASS
	Ant1	2452	21.17	21.17	≤30.00	-2.21	18.96	≤36.00	PASS
	Ant2	2452	20.68	20.68	≤30.00	-3.02	17.66	≤36.00	PASS
	total	2452	---	23.94	≤30.00	---	21.37	≤36.00	PASS



Test Result Average

TestMode	Antenna	Frequen cy[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	11.27	≤30.00	9.06	≤36.00	PASS
	Ant2	2412	---	14.90	≤30.00	11.88	≤36.00	PASS
	Ant1	2437	---	11.83	≤30.00	9.62	≤36.00	PASS
	Ant2	2437	---	14.75	≤30.00	11.73	≤36.00	PASS
	Ant1	2462	---	12.31	≤30.00	10.10	≤36.00	PASS
	Ant2	2462	---	14.66	≤30.00	11.64	≤36.00	PASS
11G	Ant1	2412	---	13.40	≤30.00	11.19	≤36.00	PASS
	Ant2	2412	---	16.02	≤30.00	13.00	≤36.00	PASS
	Ant1	2437	---	13.58	≤30.00	11.37	≤36.00	PASS
	Ant2	2437	---	15.77	≤30.00	12.75	≤36.00	PASS
	Ant1	2462	---	14.08	≤30.00	11.87	≤36.00	PASS
	Ant2	2462	---	15.67	≤30.00	12.65	≤36.00	PASS
11N20MI MO	Ant1	2412	---	10.25	≤30.00	8.04	≤36.00	PASS
	Ant2	2412	---	13.38	≤30.00	10.36	≤36.00	PASS
	total	2412	---	15.10	≤30.00	12.36	≤36.00	PASS
	Ant1	2437	---	10.63	≤30.00	8.42	≤36.00	PASS
	Ant2	2437	---	11.35	≤30.00	8.33	≤36.00	PASS
	total	2437	---	14.02	≤30.00	11.39	≤36.00	PASS
	Ant1	2462	---	11.29	≤30.00	9.08	≤36.00	PASS
	Ant2	2462	---	11.95	≤30.00	8.93	≤36.00	PASS
	total	2462	---	14.64	≤30.00	12.02	≤36.00	PASS
11N40MI MO	Ant1	2422	---	10.66	≤30.00	8.45	≤36.00	PASS
	Ant2	2422	---	13.23	≤30.00	10.21	≤36.00	PASS
	total	2422	---	15.14	≤30.00	12.43	≤36.00	PASS
	Ant1	2437	---	10.70	≤30.00	8.49	≤36.00	PASS
	Ant2	2437	---	11.65	≤30.00	8.63	≤36.00	PASS
	total	2437	---	14.21	≤30.00	11.57	≤36.00	PASS
	Ant1	2452	---	11.05	≤30.00	8.84	≤36.00	PASS
	Ant2	2452	---	11.44	≤30.00	8.42	≤36.00	PASS
	total	2452	---	14.26	≤30.00	11.65	≤36.00	PASS



Appendix D: Maximum power spectral density

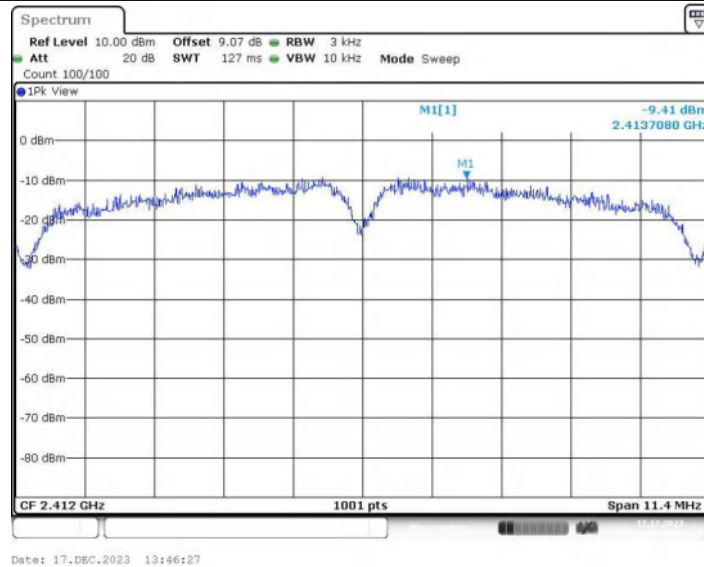
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.41	≤8.00	PASS
	Ant2	2412	-6.89	≤8.00	PASS
	Ant1	2437	-7.61	≤8.00	PASS
	Ant2	2437	-6.51	≤8.00	PASS
	Ant1	2462	-7.94	≤8.00	PASS
	Ant2	2462	-6.84	≤8.00	PASS
11G	Ant1	2412	-7.85	≤8.00	PASS
	Ant2	2412	-7.32	≤8.00	PASS
	Ant1	2437	-7.5	≤8.00	PASS
	Ant2	2437	-7.3	≤8.00	PASS
	Ant1	2462	-7.66	≤8.00	PASS
	Ant2	2462	-7.43	≤8.00	PASS
11N20MIMO	Ant1	2412	-11.69	≤8.00	PASS
	Ant2	2412	-10.98	≤8.00	PASS
	total	2412	-8.31	≤8.00	PASS
	Ant1	2437	-10.96	≤8.00	PASS
	Ant2	2437	-10.83	≤8.00	PASS
	total	2437	-7.88	≤8.00	PASS
	Ant1	2462	-10.9	≤8.00	PASS
	Ant2	2462	-10.4	≤8.00	PASS
	total	2462	-7.63	≤8.00	PASS
11N40MIMO	Ant1	2422	-11.91	≤8.00	PASS
	Ant2	2422	-12.54	≤8.00	PASS
	total	2422	-9.20	≤8.00	PASS
	Ant1	2437	-13.04	≤8.00	PASS
	Ant2	2437	-13.3	≤8.00	PASS
	total	2437	-10.16	≤8.00	PASS
	Ant1	2452	-13.64	≤8.00	PASS
	Ant2	2452	-14.8	≤8.00	PASS
	total	2452	-11.17	≤8.00	PASS

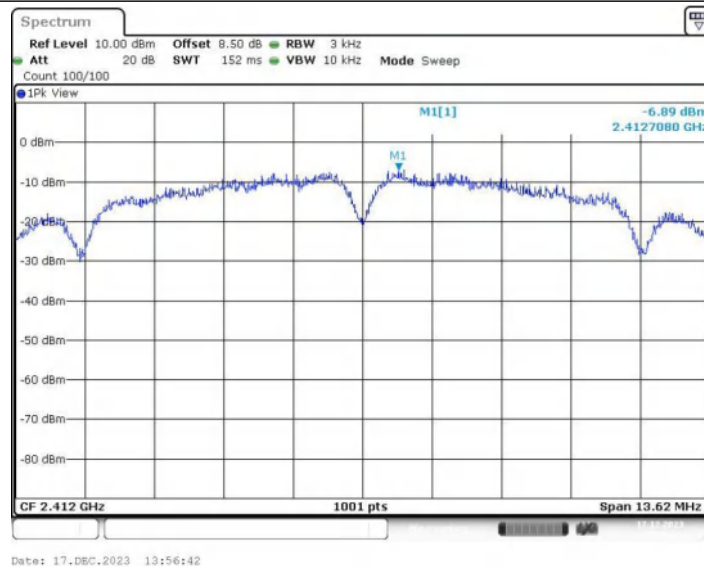


Test Graphs

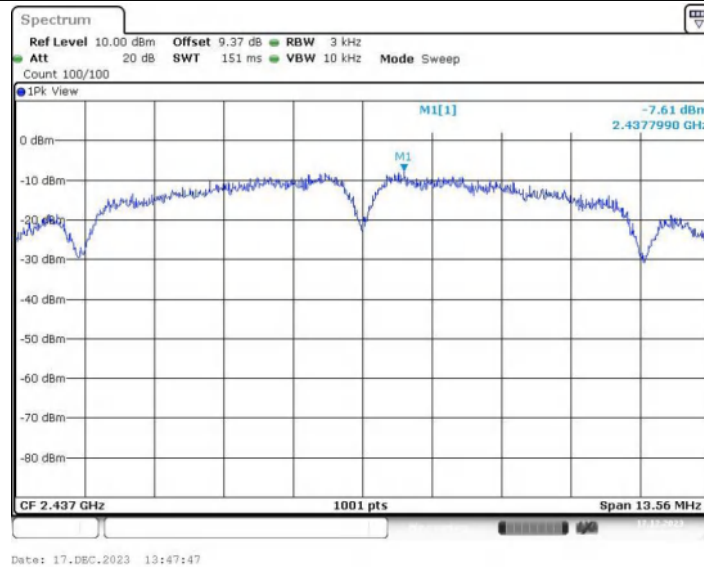
11B_Ant1_2412



11B_Ant2_2412

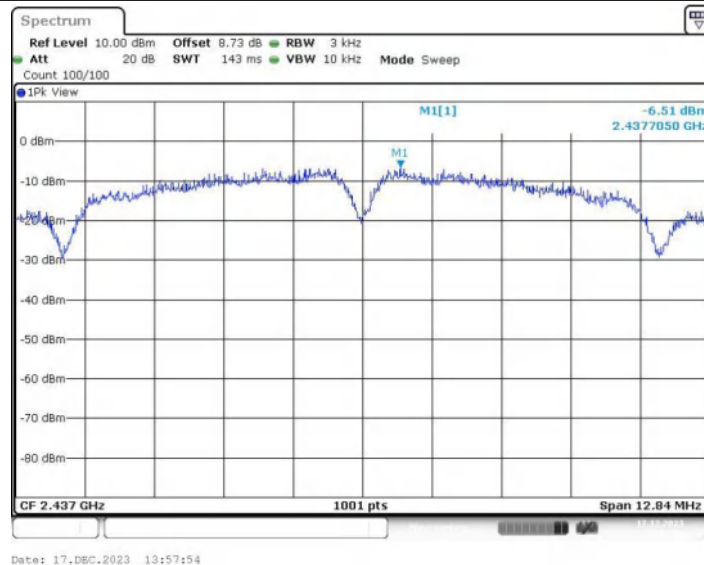


11B_Ant1_2437



Date: 17.DEC.2023 13:47:47

11B_Ant2_2437



Date: 17.DEC.2023 13:57:54

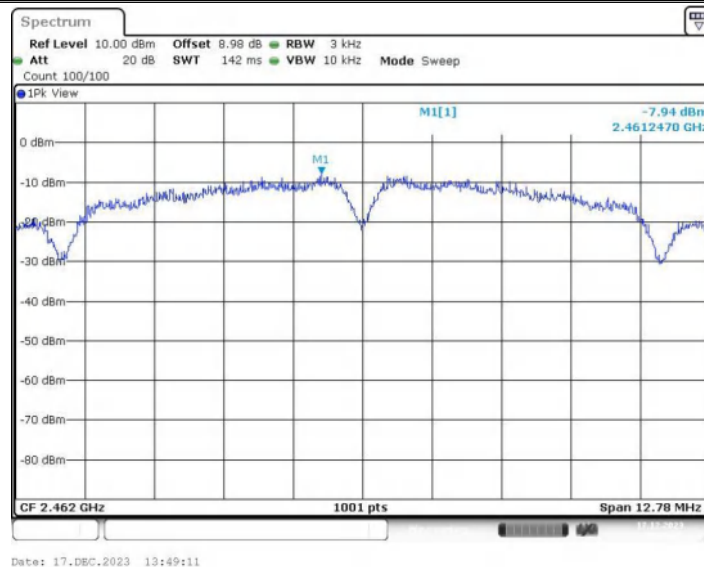
11B_Ant1_2462



CVC Testing Technology Co., Ltd.

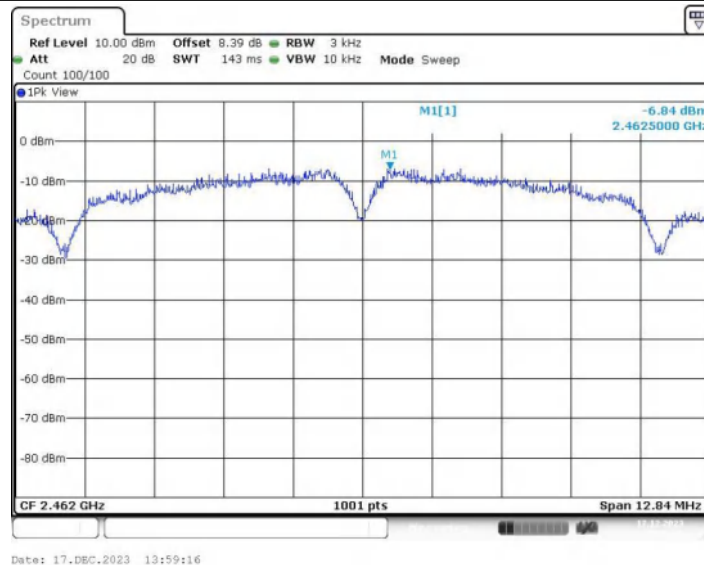
Test Report No.: FCC2023-0070-RF1-A1

Page 32 of 102



Date: 17.DEC.2023 13:49:11

11B_Ant2_2462



Date: 17.DEC.2023 13:59:16

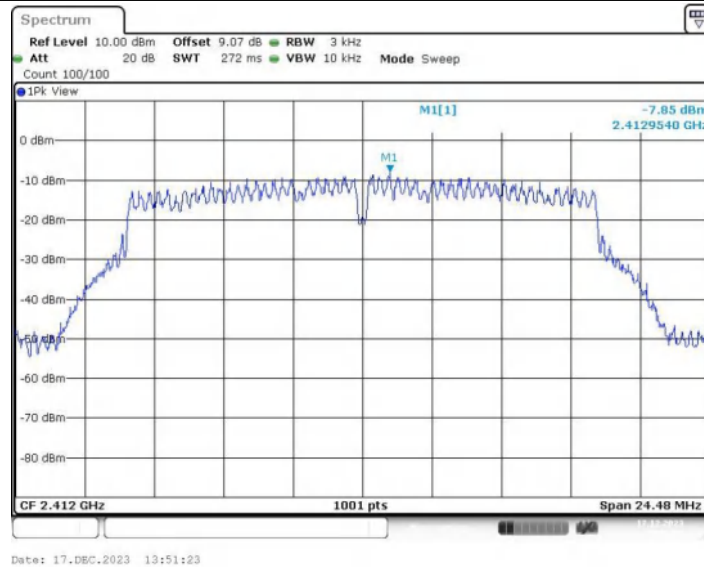
11G_Ant1_2412



CVC Testing Technology Co., Ltd.

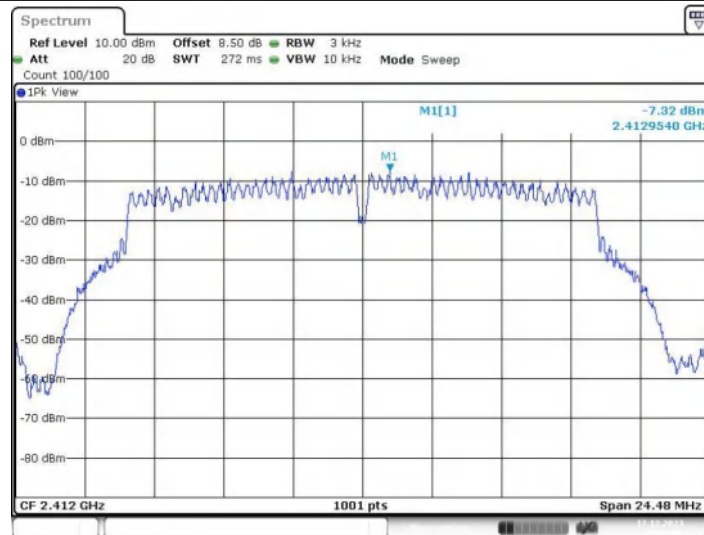
Test Report No.: FCC2023-0070-RF1-A1

Page 33 of 102



Date: 17.DEC.2023 13:51:23

11G_Ant2_2412



Date: 17.DEC.2023 14:01:07

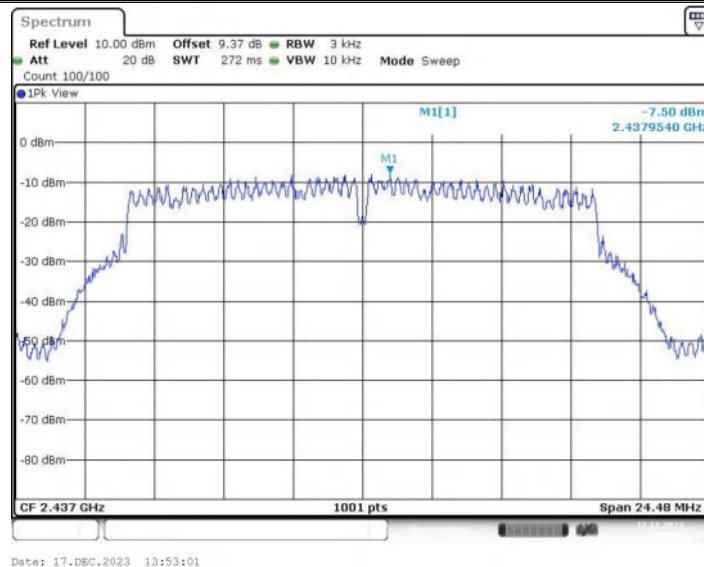
11G_Ant1_2437



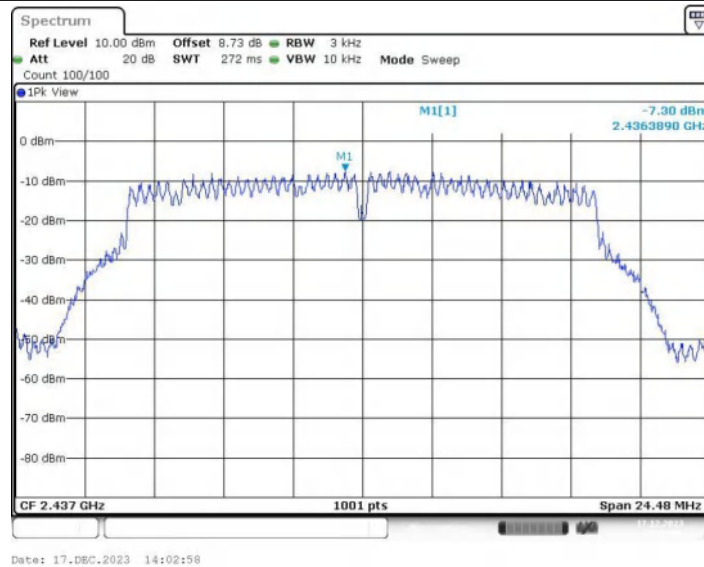
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 34 of 102



11G_Ant2_2437



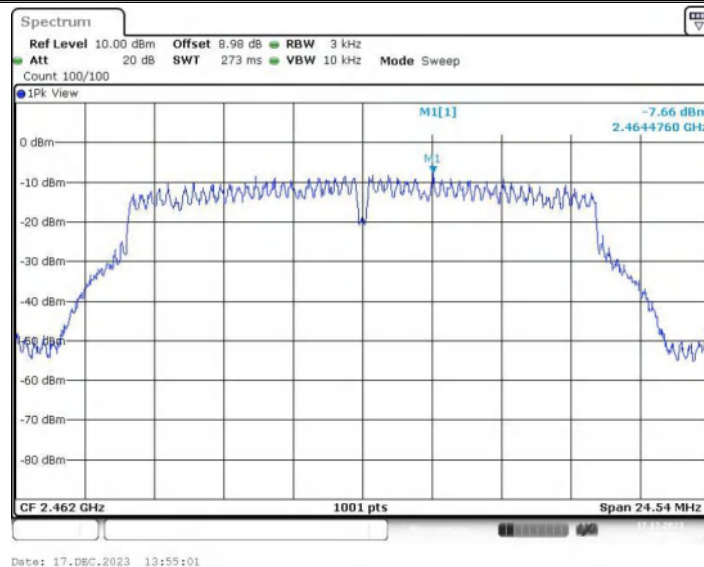
11G_Ant1_2462



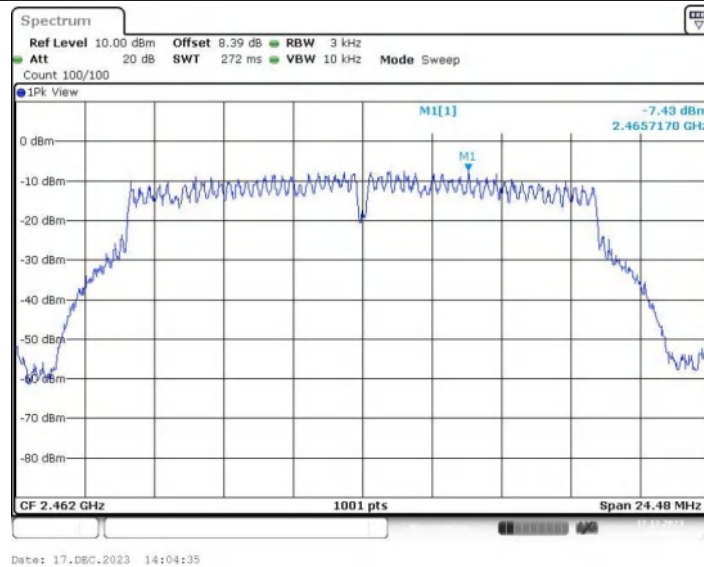
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 35 of 102



11G_Ant2_2462



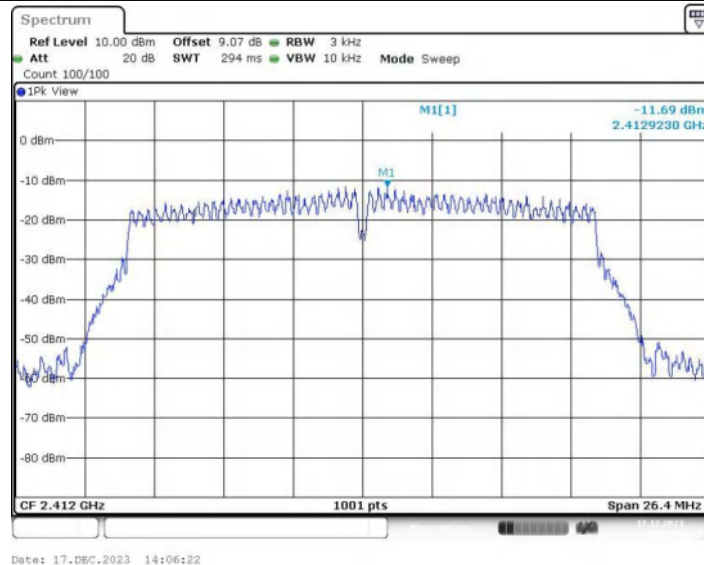
11N20MIMO_Ant1_2412



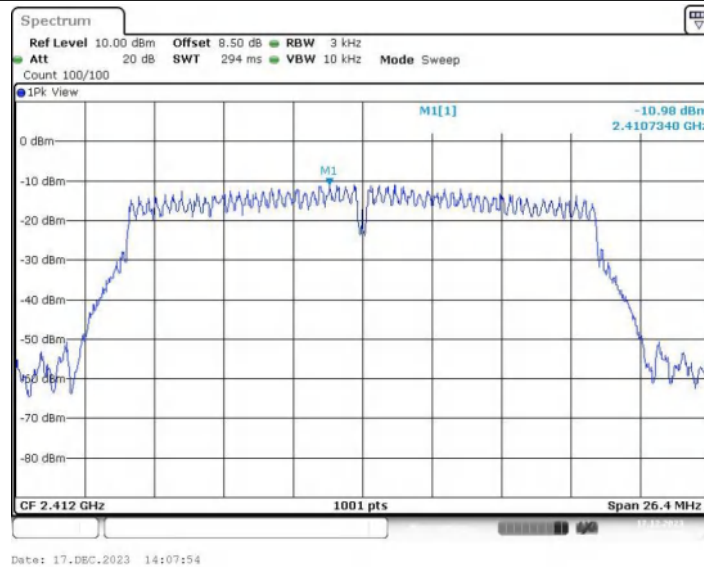
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 36 of 102



11N20MIMO_Ant2_2412



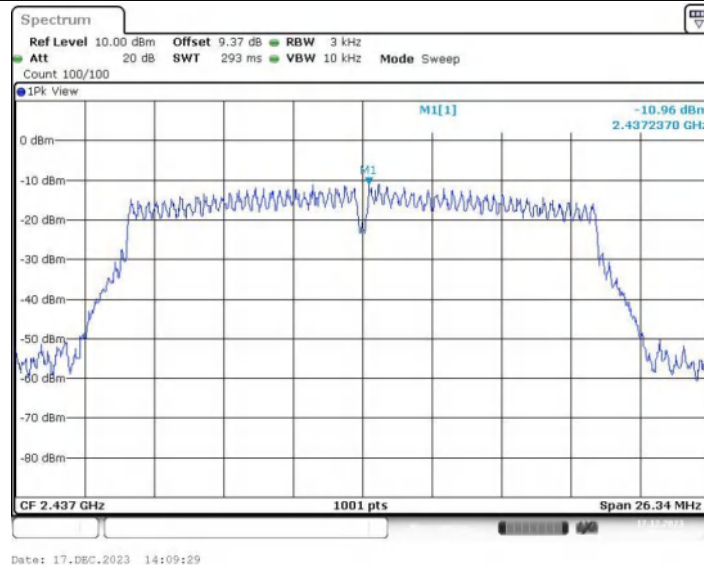
11N20MIMO_Ant1_2437



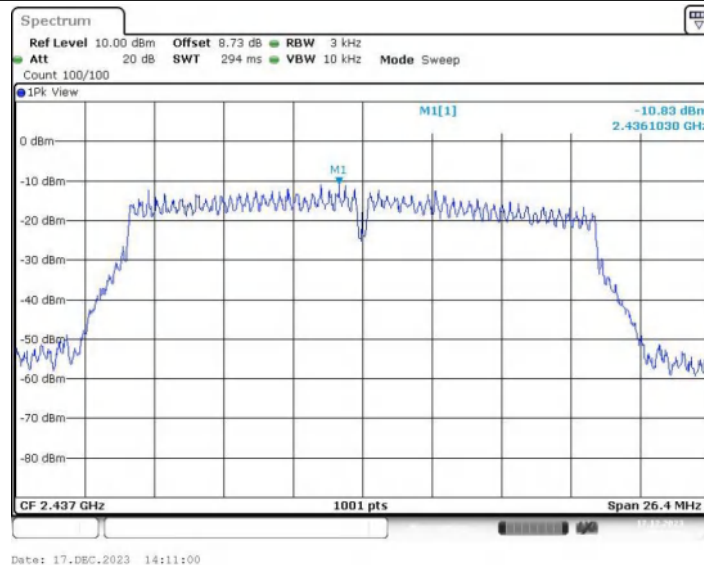
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 37 of 102



11N20MIMO_Ant2_2437



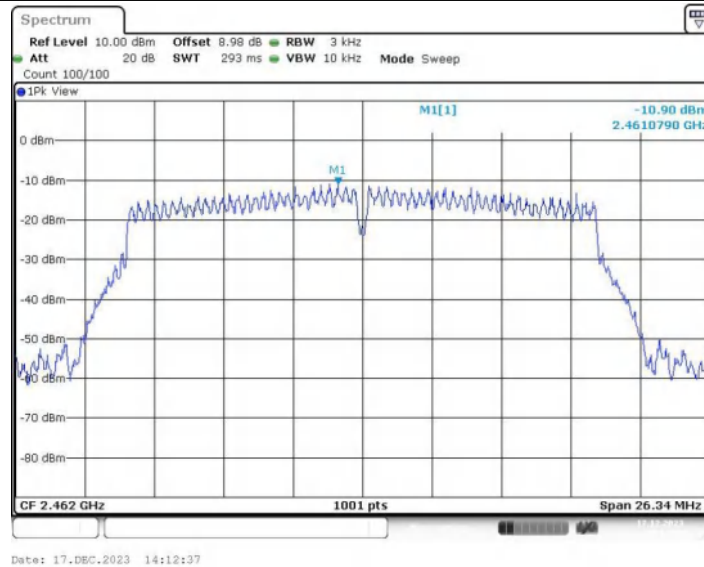
11N20MIMO_Ant1_2462



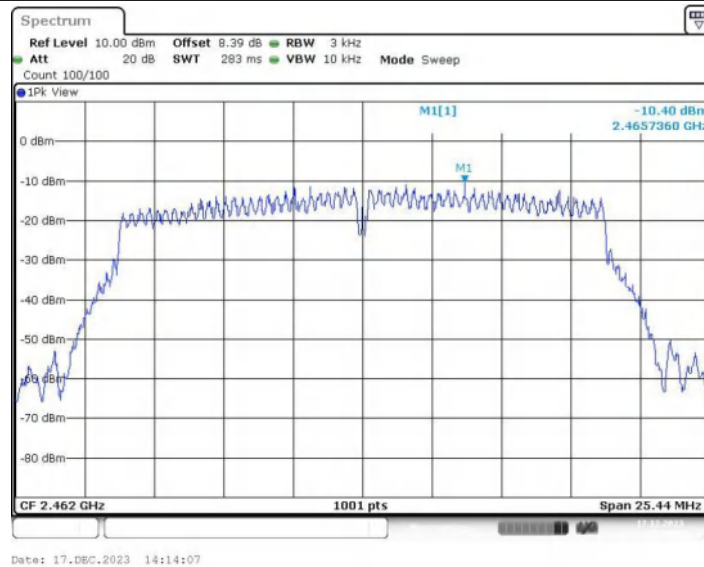
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 38 of 102



11N20MIMO_Ant2_2462



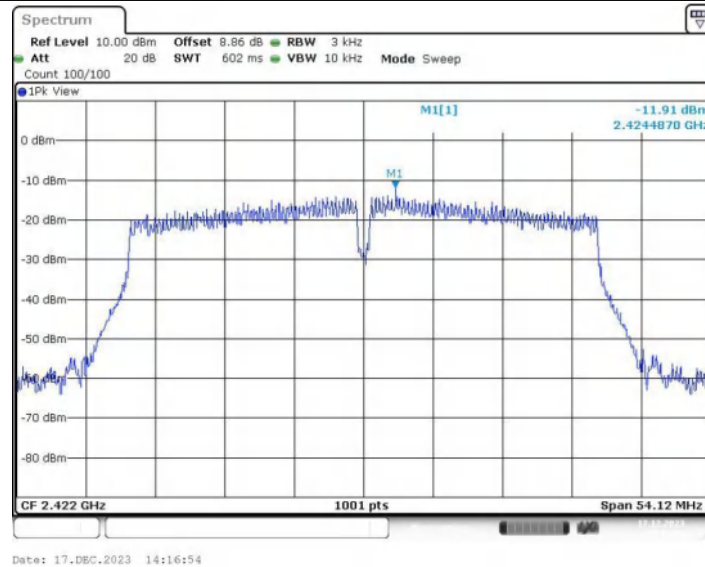
11N40MIMO_Ant1_2422



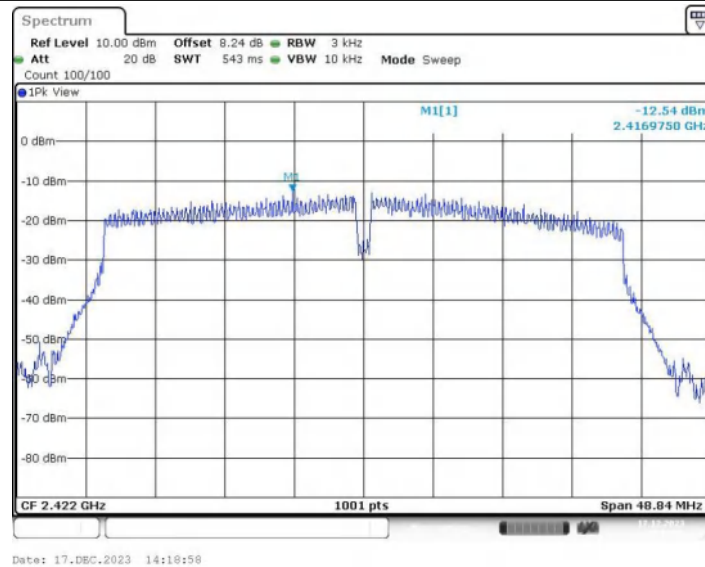
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 39 of 102



11N40MIMO_Ant2_2422



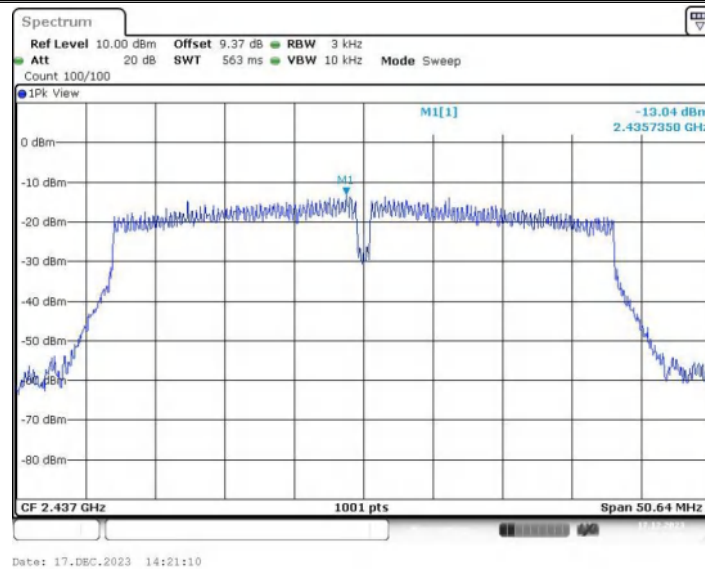
11N40MIMO_Ant1_2437



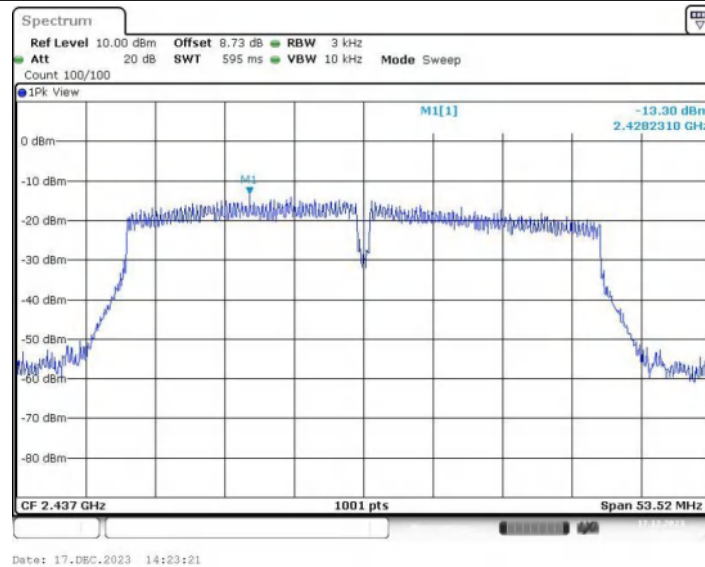
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 40 of 102



11N40MIMO_Ant2_2437



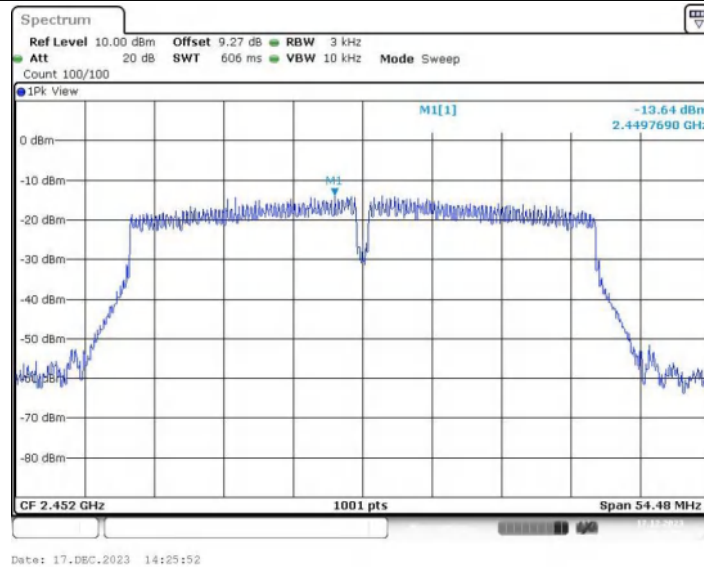
11N40MIMO_Ant1_2452



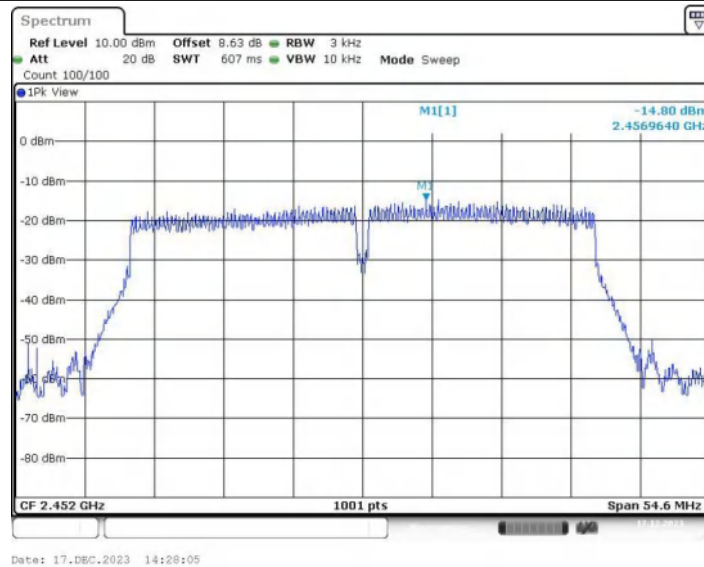
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 41 of 102



11N40MIMO_Ant2_2452





Appendix E: Reference level measurement

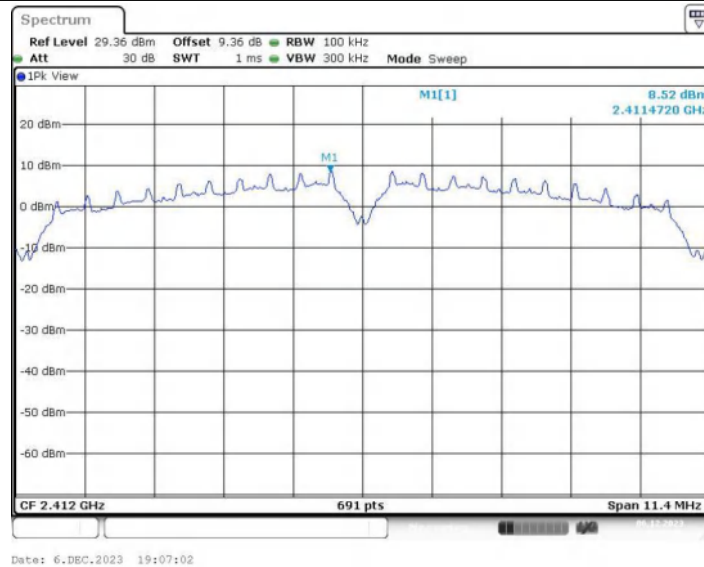
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.47	8.52
	Ant2	2412	2411.00	9.66
	Ant1	2437	2437.49	9.73
	Ant2	2437	2436.48	10.34
	Ant1	2462	2461.46	9.82
	Ant2	2462	2461.48	10.63
11G	Ant1	2412	2410.97	5.43
	Ant2	2412	2409.84	4.01
	Ant1	2437	2437.60	5.86
	Ant2	2437	2434.87	5.04
	Ant1	2462	2460.72	6.00
	Ant2	2462	2462.85	5.00
11N20MIMO	Ant1	2412	2414.25	2.25
	Ant2	2412	2413.22	3.28
	Ant1	2437	2437.95	3.28
	Ant2	2437	2435.74	2.98
	Ant1	2462	2461.12	3.17
	Ant2	2462	2460.75	3.18
11N40MIMO	Ant1	2422	2425.52	-0.62
	Ant2	2422	2420.73	0.39
	Ant1	2437	2438.25	0.28
	Ant2	2437	2435.76	-0.23
	Ant1	2452	2453.26	-1.45
	Ant2	2452	2455.71	-2.31

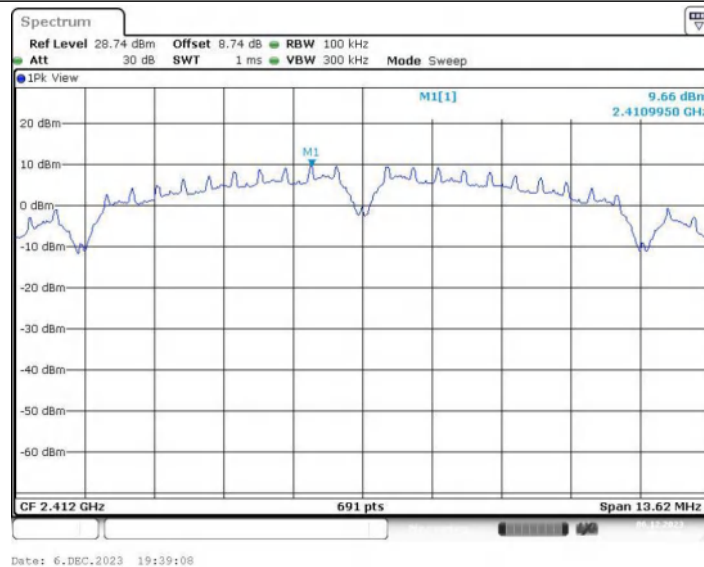


Test Graphs

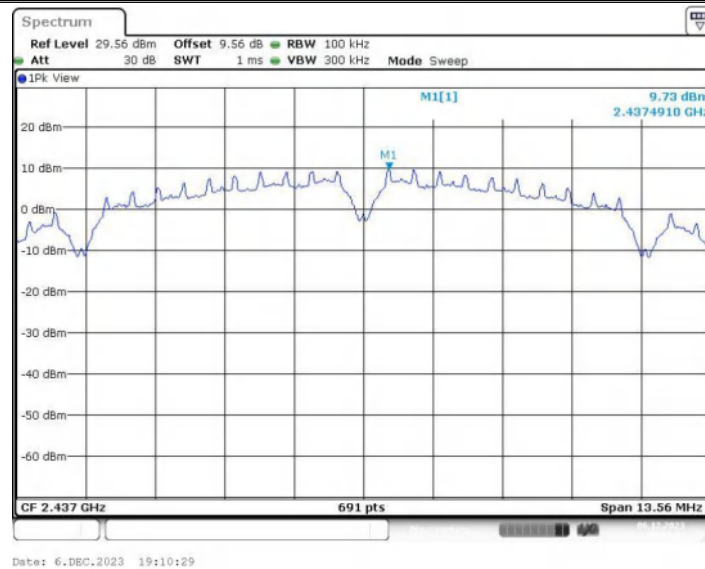
11B_Ant1_2412



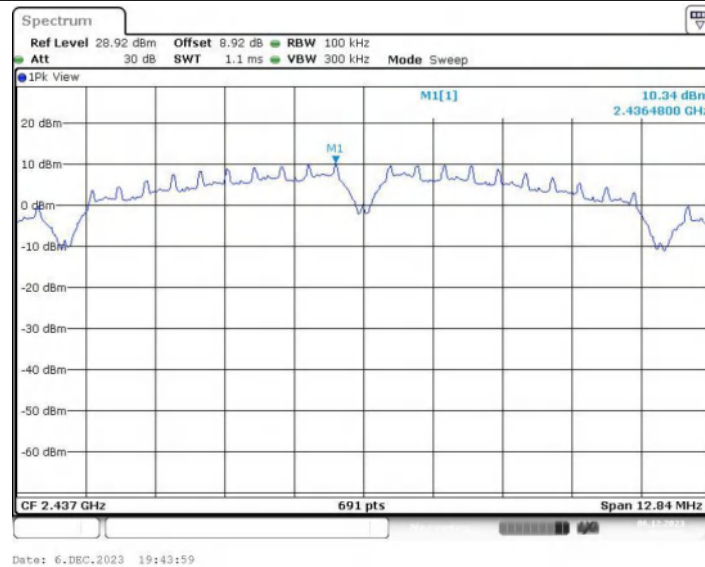
11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



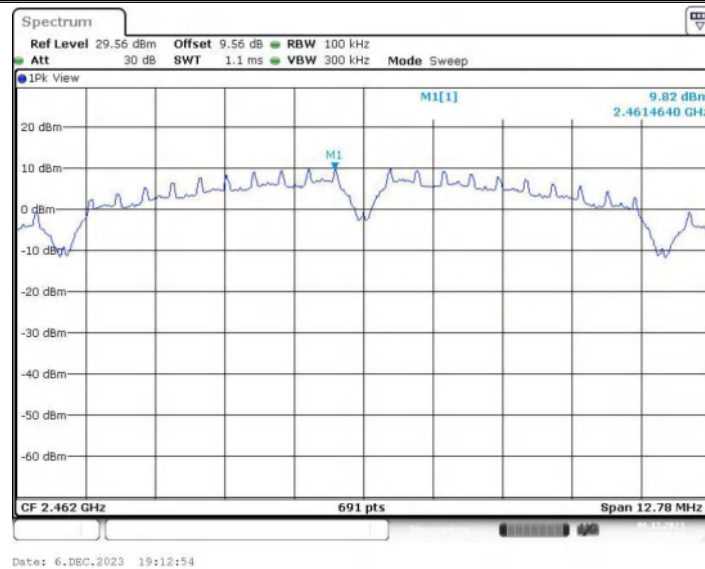
11B_Ant1_2462



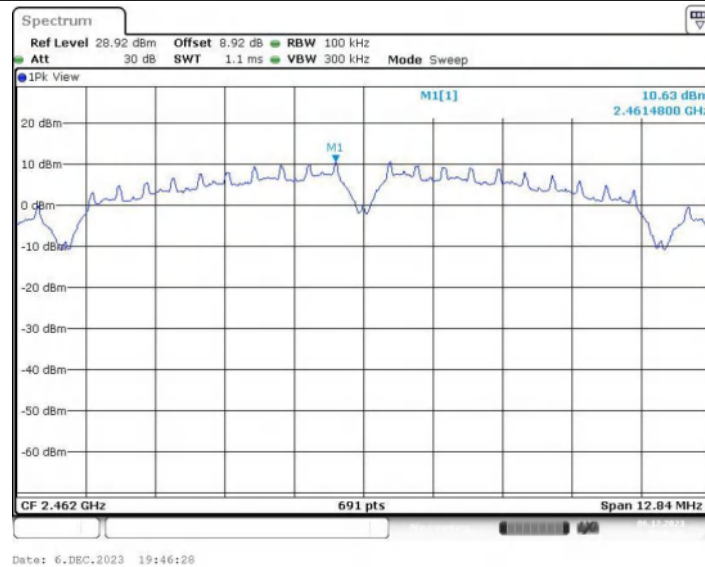
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 45 of 102



11B_Ant2_2462



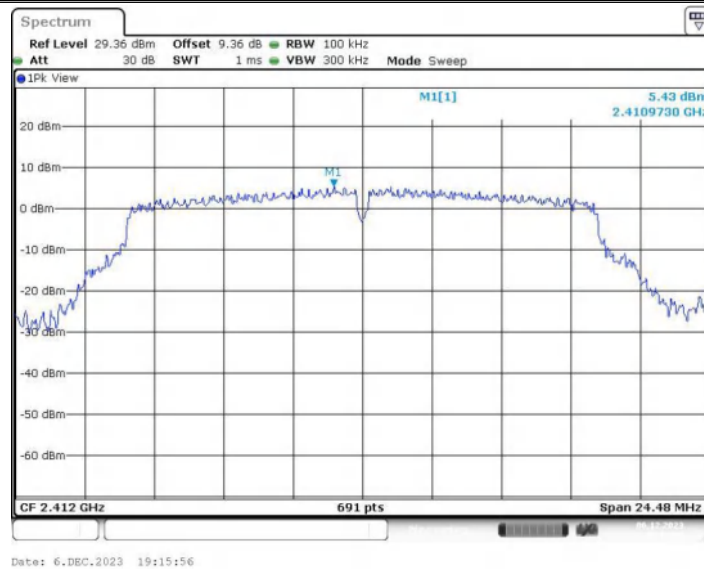
11G_Ant1_2412



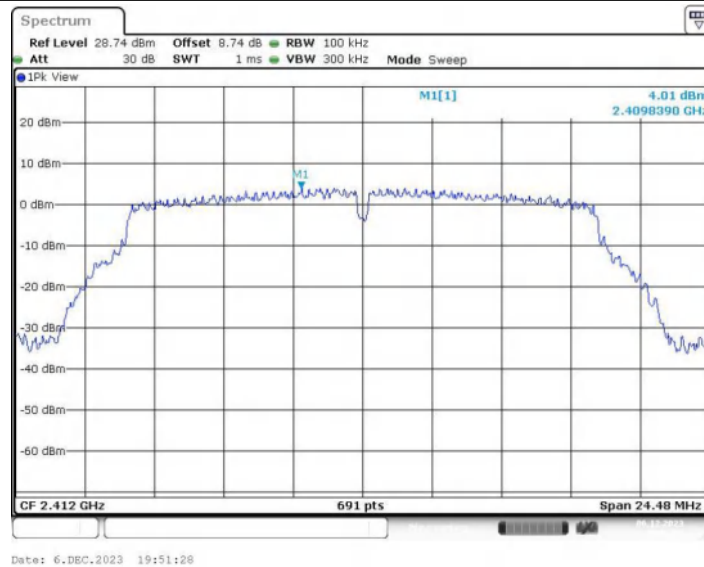
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 46 of 102



11G_Ant2_2412



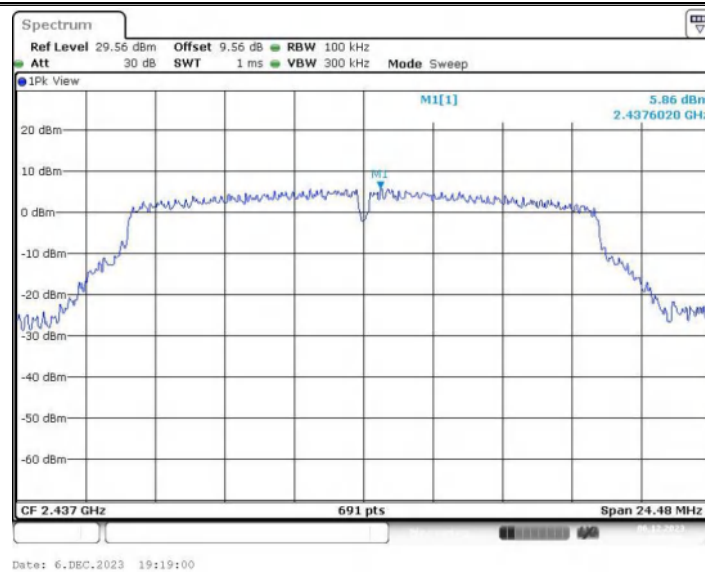
11G_Ant1_2437



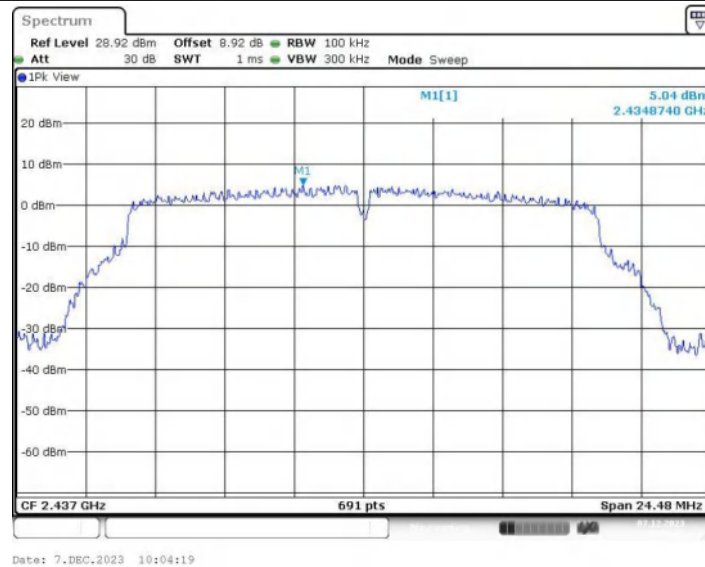
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

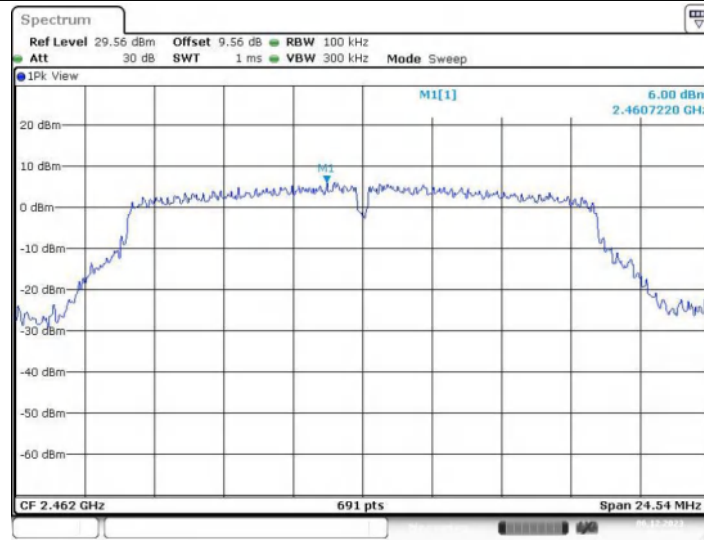
Page 47 of 102



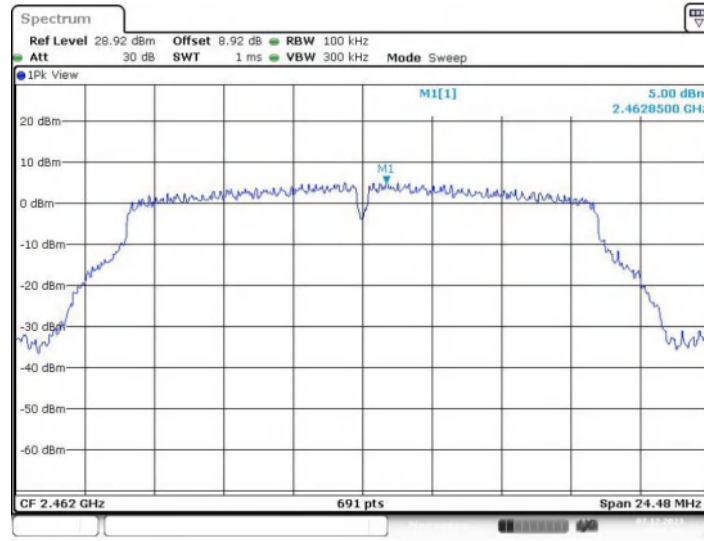
11G_Ant2_2437



11G_Ant1_2462



11G_Ant2_2462



11N20MIMO_Ant1_2412



Page 49 of 102



11N20MIMO_Ant2_2412



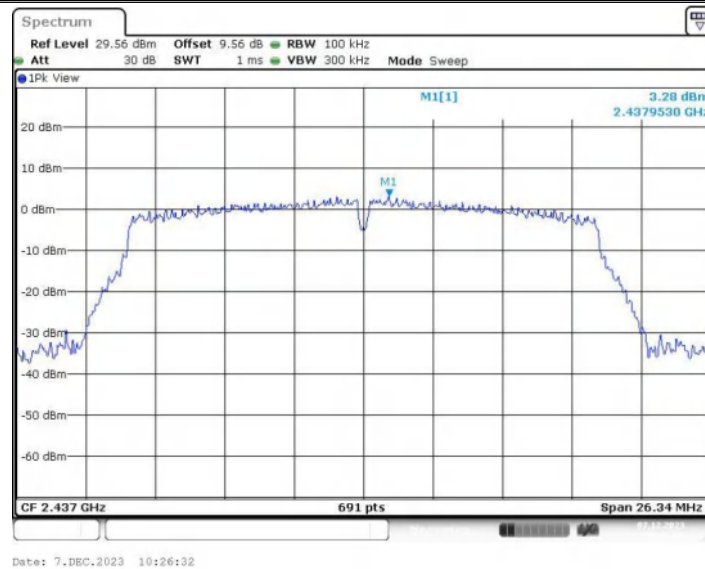
11N20MIMO_Ant1_2437



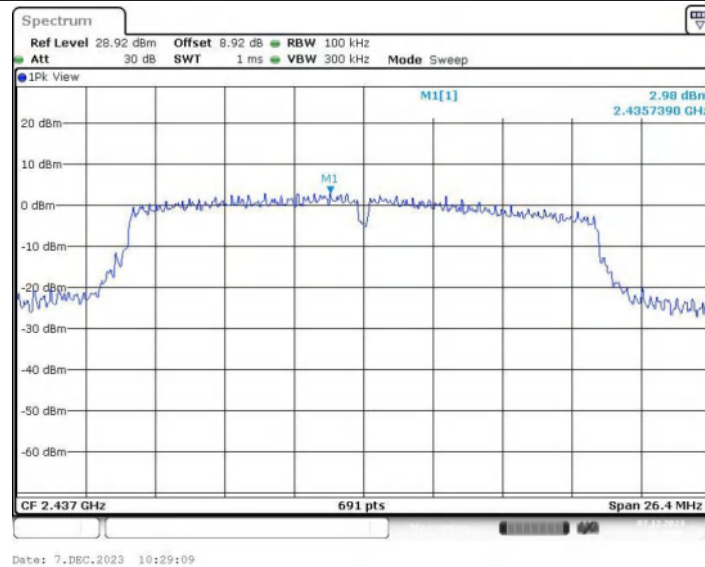
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 50 of 102



11N20MIMO_Ant2_2437



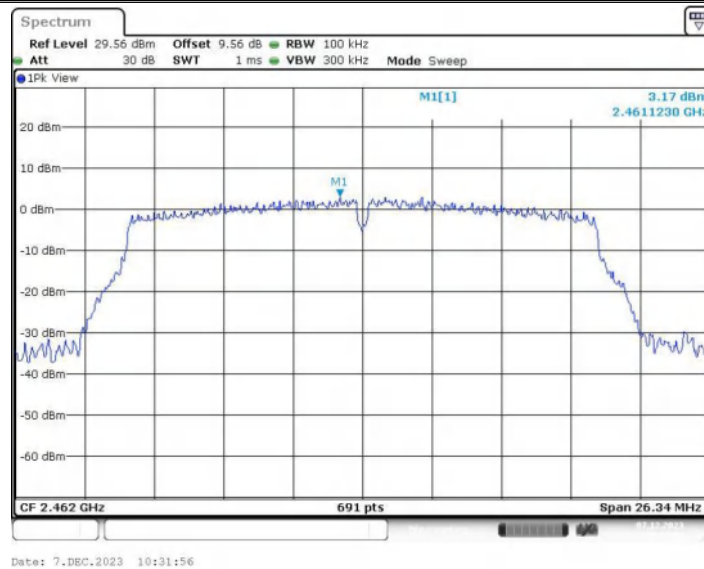
11N20MIMO_Ant1_2462



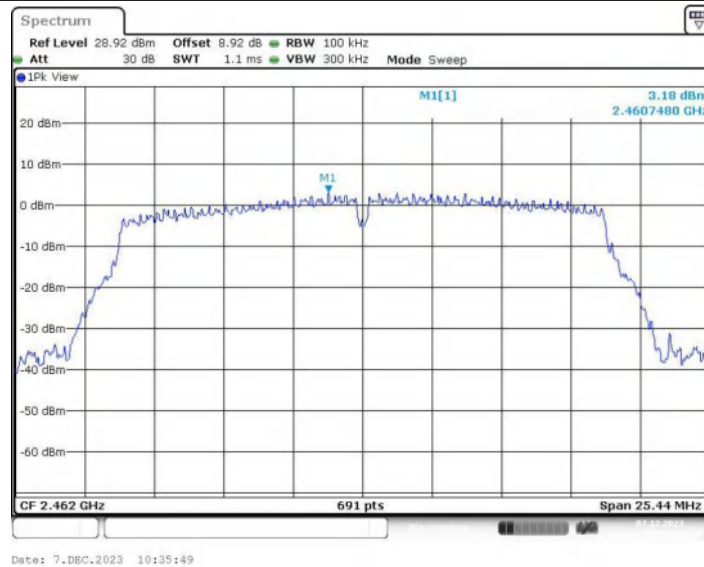
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 51 of 102



11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



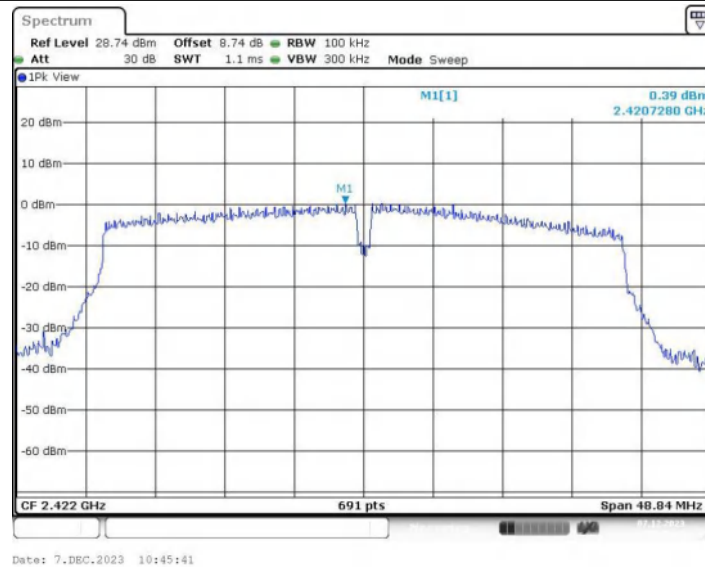
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 52 of 102



11N40MIMO_Ant2_2422



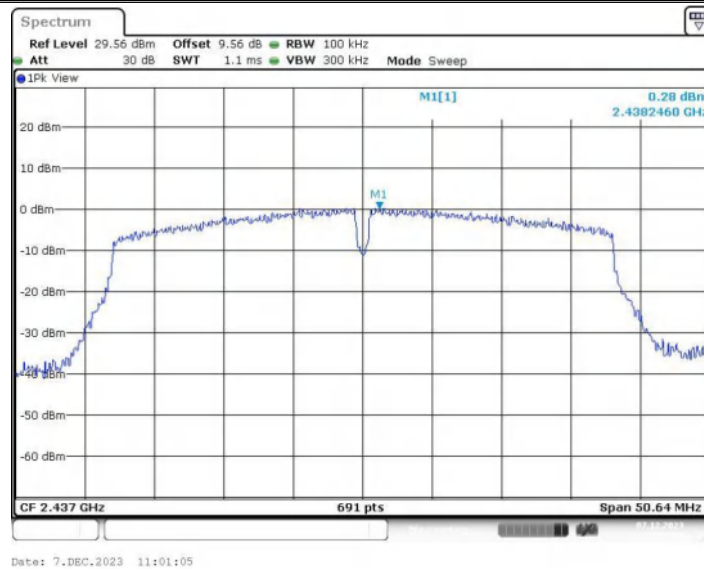
11N40MIMO_Ant1_2437



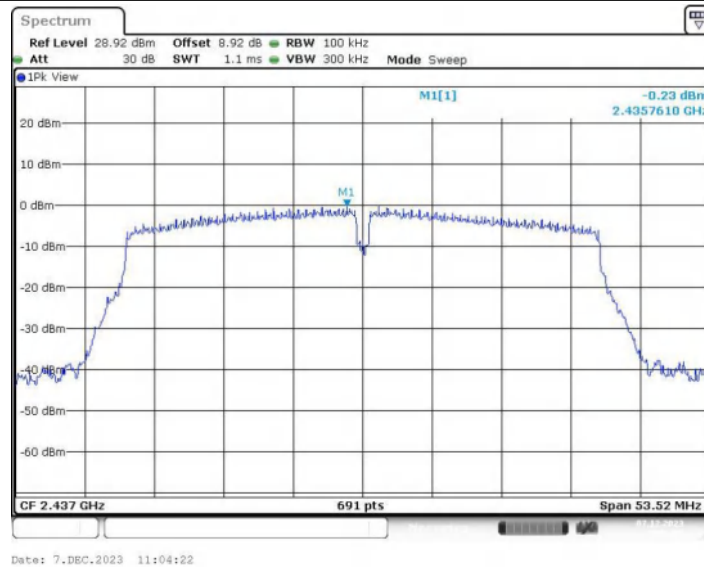
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 53 of 102



11N40MIMO_Ant2_2437



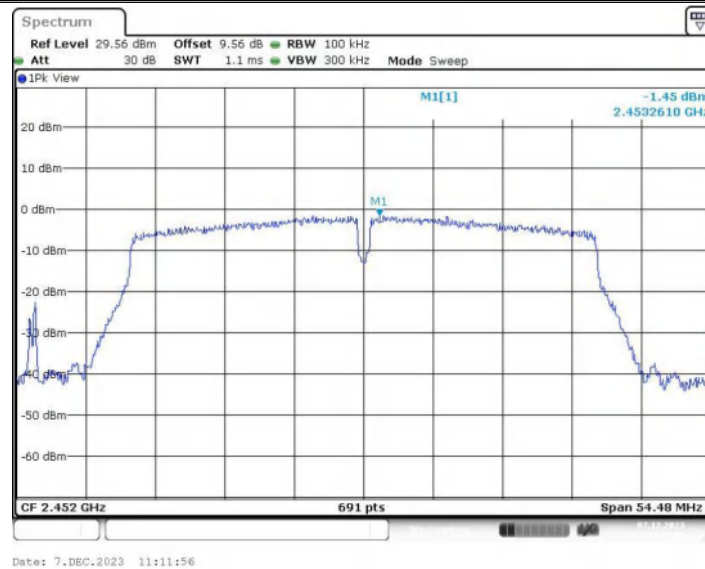
11N40MIMO_Ant1_2452



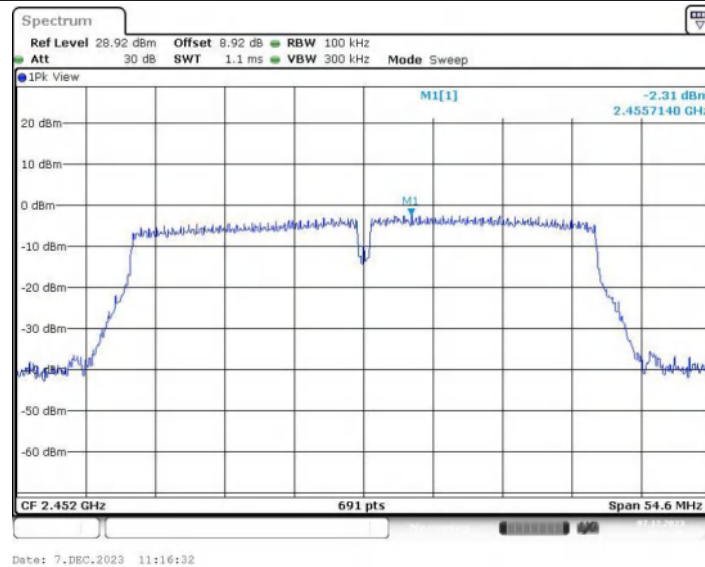
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 54 of 102



11N40MIMO_Ant2_2452





Appendix F: Band edge measurements

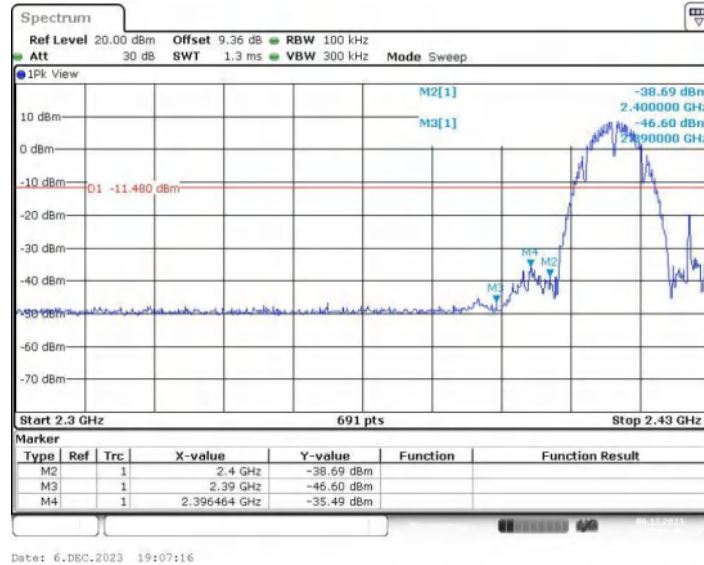
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.52	-35.49	≤-11.48	PASS
	Ant2	Low	2412	9.66	-34.18	≤-10.34	PASS
	Ant1	High	2462	9.82	-43.38	≤-10.18	PASS
	Ant2	High	2462	10.63	-45.82	≤-9.37	PASS
11G	Ant1	Low	2412	5.43	-25.29	≤-14.57	PASS
	Ant2	Low	2412	4.01	-30.45	≤-15.99	PASS
	Ant1	High	2462	6.00	-30.65	≤-14	PASS
	Ant2	High	2462	5.00	-38.12	≤-15	PASS
11N20MIMO	Ant1	Low	2412	2.25	-33.47	≤-17.75	PASS
	Ant2	Low	2412	3.28	-25.89	≤-16.72	PASS
	Ant1	High	2462	3.17	-37.34	≤-16.83	PASS
	Ant2	High	2462	3.18	-40.84	≤-16.82	PASS
11N40MIMO	Ant1	Low	2422	-0.62	-36.71	≤-20.62	PASS
	Ant2	Low	2422	0.39	-31.66	≤-19.61	PASS
	Ant1	High	2452	-1.45	-42.88	≤-21.45	PASS
	Ant2	High	2452	-2.31	-40.56	≤-22.31	PASS

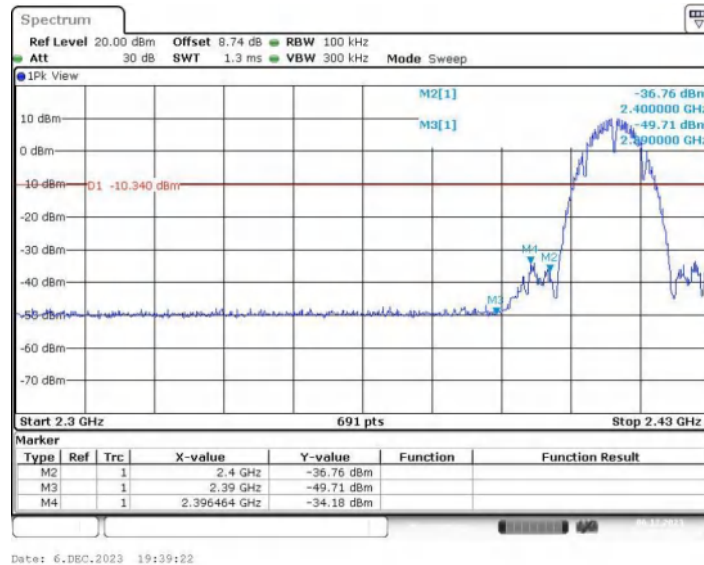


Test Graphs

11B_Ant1_Low_2412



11B_Ant2_Low_2412



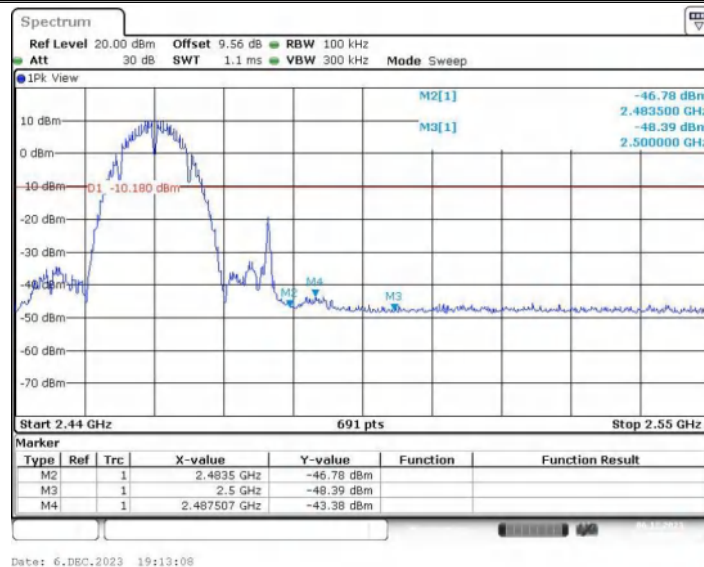
11B_Ant1_High_2462



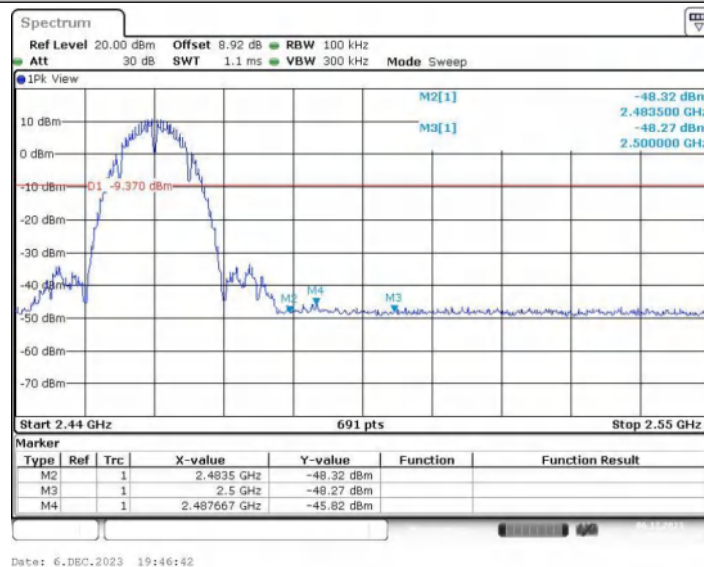
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 57 of 102



11B_Ant2_High_2462



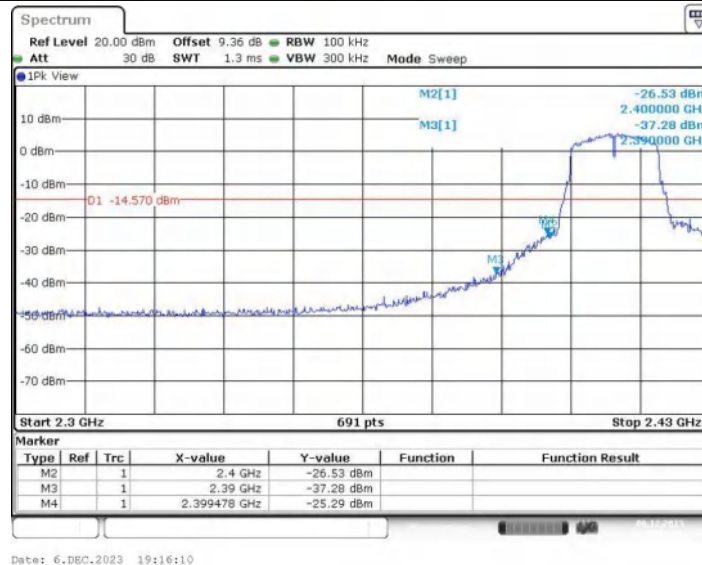
11G_Ant1_Low_2412



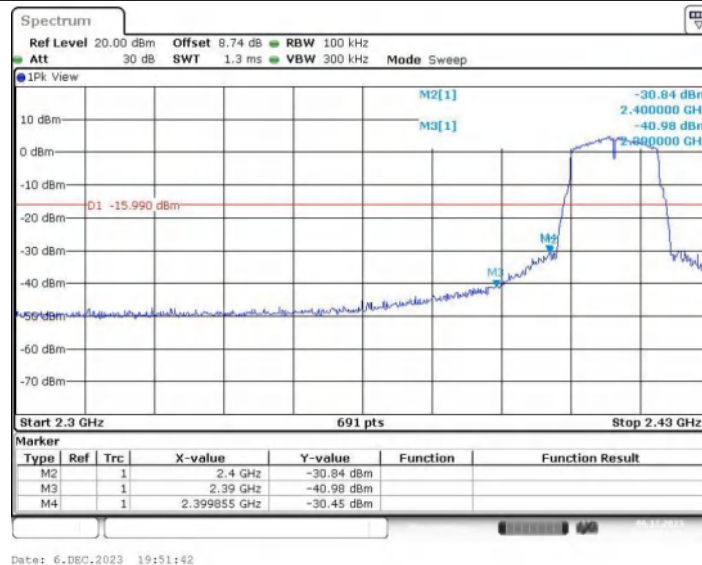
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

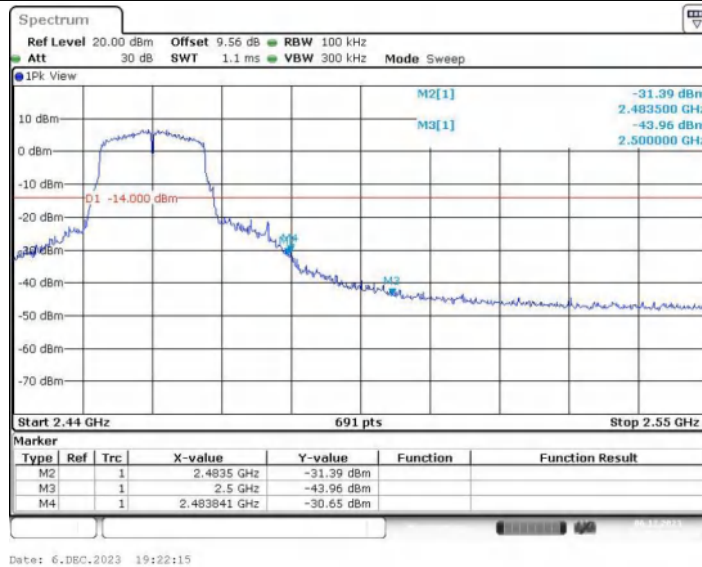
Page 58 of 102



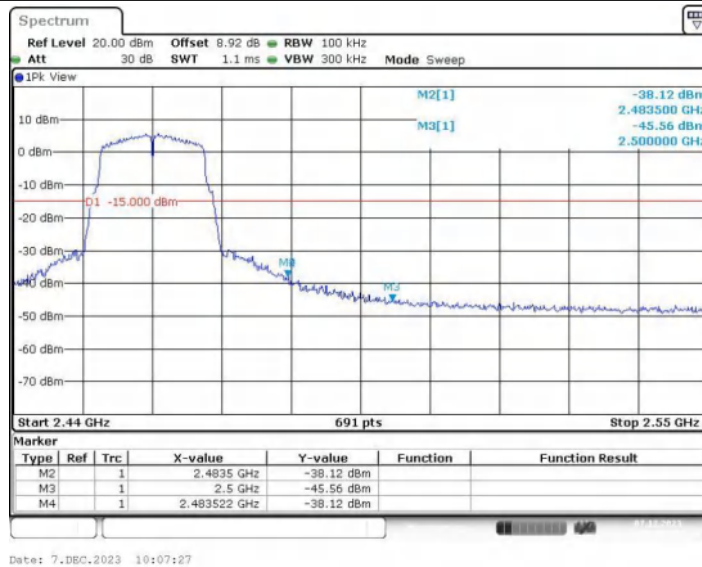
11G_Ant2_Low_2412



11G_Ant1_High_2462



11G_Ant2_High_2462



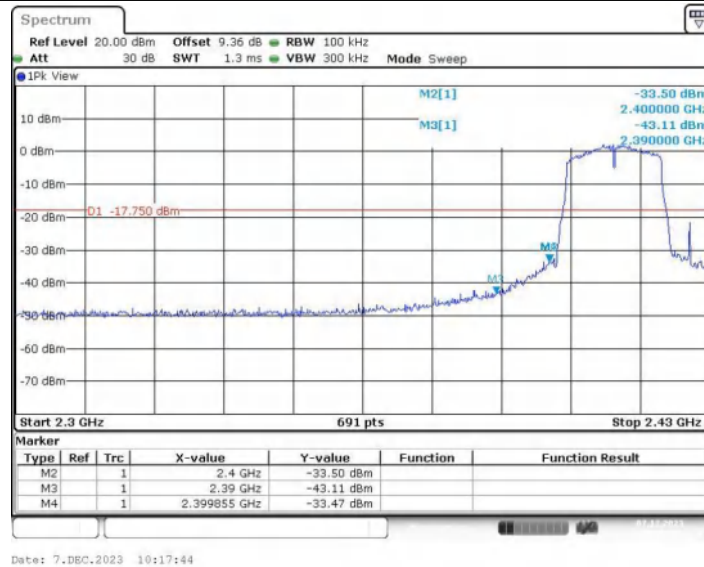
11N20MIMO_Ant1_Low_2412



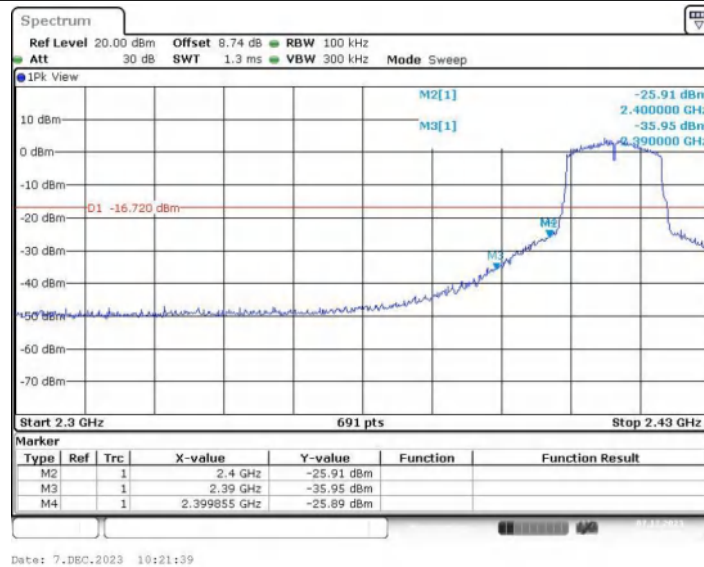
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 60 of 102



11N20MIMO_Ant2_Low_2412



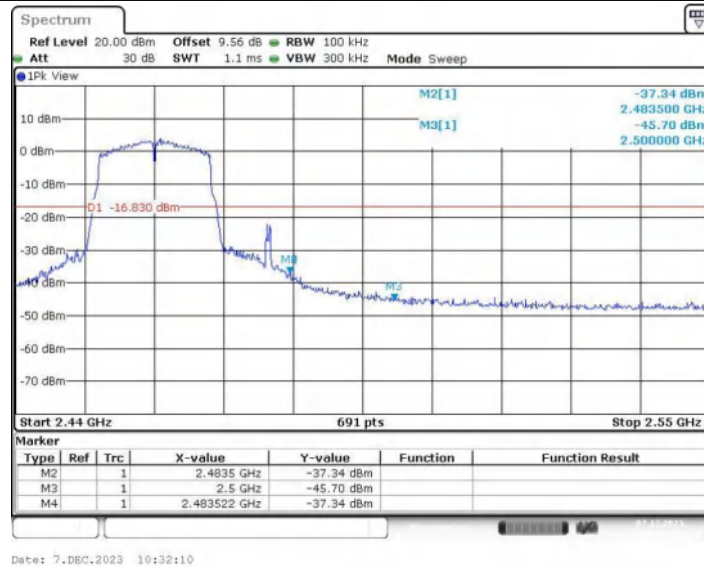
11N20MIMO_Ant1_High_2462



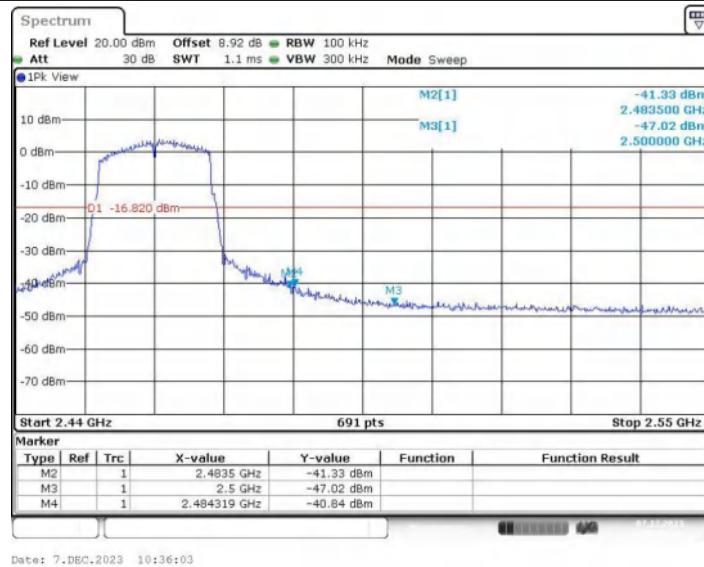
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 61 of 102



11N20MIMO_Ant2_High_2462



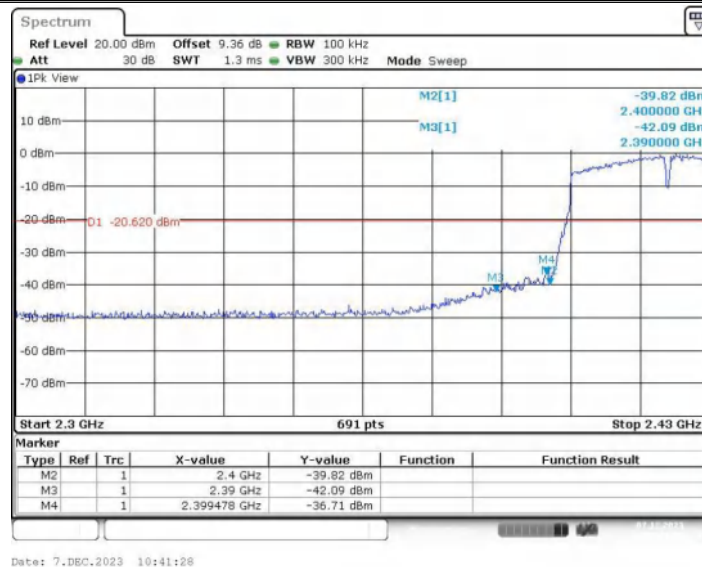
11N40MIMO_Ant1_Low_2422



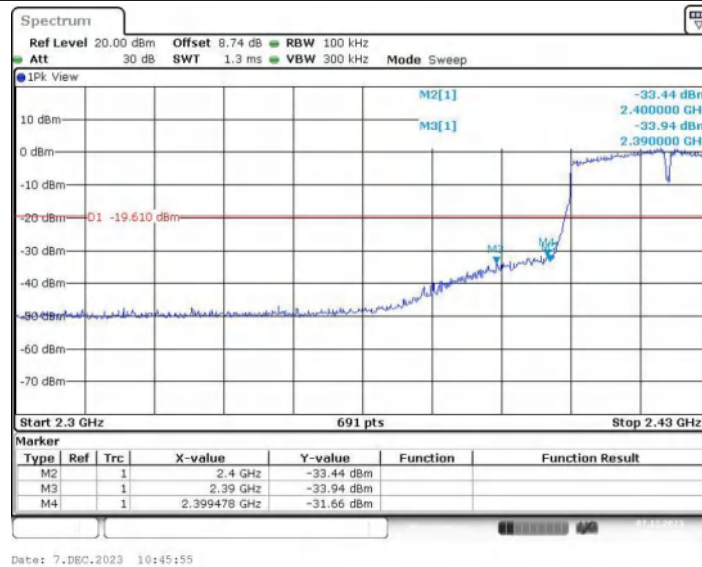
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 62 of 102



11N40MIMO_Ant2_Low_2422



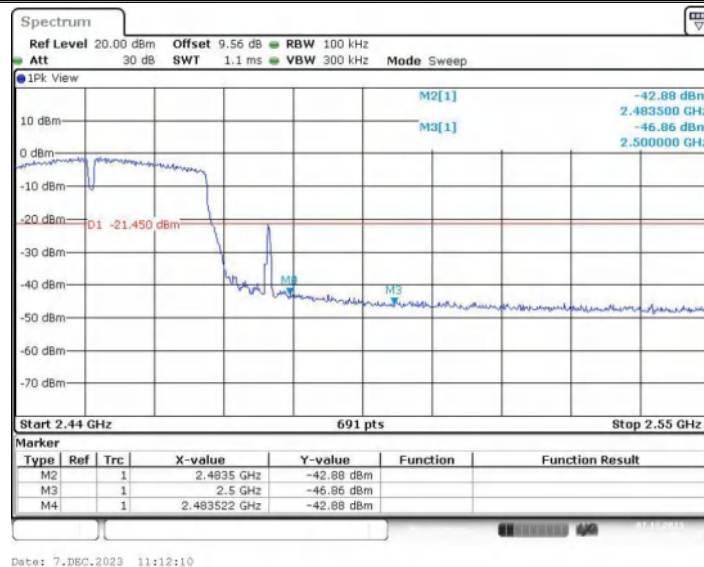
11N40MIMO_Ant1_High_2452



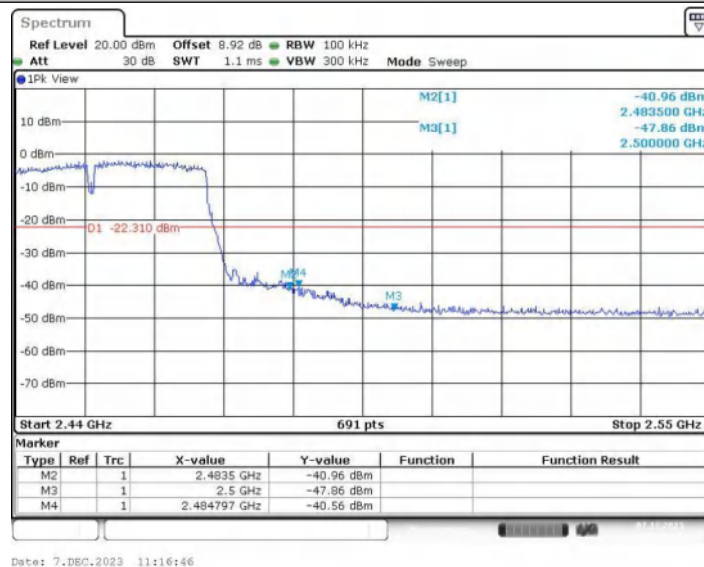
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 63 of 102



11N40MIMO_Ant2_High_2452





Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	8.52	-58.55	≤-11.48	PASS
			1000~26500	8.52	-46.67	≤-11.48	PASS
	Ant2	2412	30~1000	9.66	-59.25	≤-10.34	PASS
			1000~26500	9.66	-42.5	≤-10.34	PASS
	Ant1	2437	30~1000	9.73	-58.71	≤-10.27	PASS
			1000~26500	9.73	-47.09	≤-10.27	PASS
	Ant2	2437	30~1000	10.34	-58.99	≤-9.66	PASS
			1000~26500	10.34	-46.44	≤-9.66	PASS
	Ant1	2462	30~1000	9.82	-58.76	≤-10.18	PASS
			1000~26500	9.82	-47.57	≤-10.18	PASS
	Ant2	2462	30~1000	10.63	-59.3	≤-9.37	PASS
			1000~26500	10.63	-47.71	≤-9.37	PASS
11G	Ant1	2412	30~1000	5.43	-58.54	≤-14.57	PASS
			1000~26500	5.43	-47.07	≤-14.57	PASS
	Ant2	2412	30~1000	4.01	-57.84	≤-15.99	PASS
			1000~26500	4.01	-46.95	≤-15.99	PASS
	Ant1	2437	30~1000	5.86	-57.89	≤-14.14	PASS
			1000~26500	5.86	-46.69	≤-14.14	PASS
	Ant2	2437	30~1000	5.04	-59.25	≤-14.96	PASS
			1000~26500	5.04	-47.9	≤-14.96	PASS
	Ant1	2462	30~1000	6.00	-58.35	≤-14	PASS
			1000~26500	6.00	-46.01	≤-14	PASS
	Ant2	2462	30~1000	5.00	-59.25	≤-15	PASS
			1000~26500	5.00	-47.61	≤-15	PASS
11N20MIMO	Ant1	2412	30~1000	2.25	-58.72	≤-17.75	PASS
			1000~26500	2.25	-47.26	≤-17.75	PASS
	Ant2	2412	30~1000	3.28	-59.11	≤-16.72	PASS
			1000~26500	3.28	-47.57	≤-16.72	PASS
	Ant1	2437	30~1000	3.28	-58.12	≤-16.72	PASS
			1000~26500	3.28	-47.38	≤-16.72	PASS
	Ant2	2437	30~1000	2.98	-57.32	≤-17.02	PASS
			1000~26500	2.98	-47.81	≤-17.02	PASS
	Ant1	2462	30~1000	3.17	-58.64	≤-16.83	PASS
			1000~26500	3.17	-47.4	≤-16.83	PASS



CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

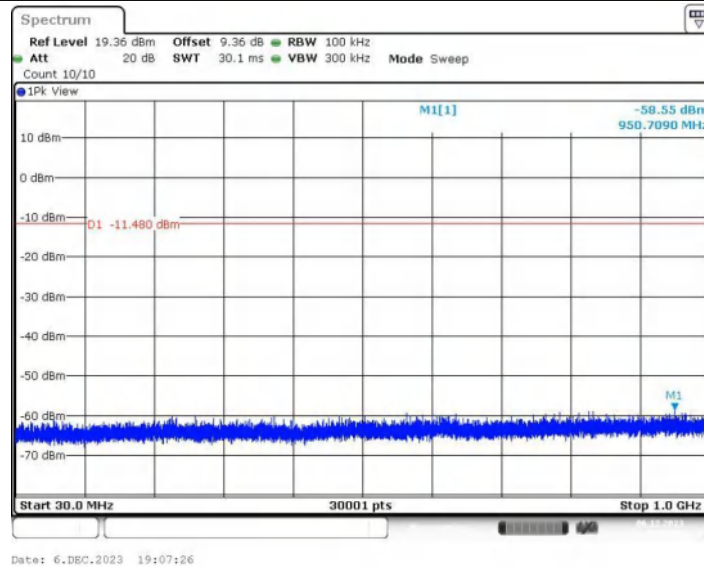
Page 65 of 102

	Ant2	2462	30~1000	3.18	-59.05	≤ -16.82	PASS
			1000~26500	3.18	-47.39	≤ -16.82	PASS
11N40MIMO	Ant1	2422	30~1000	-0.62	-56.53	≤ -20.62	PASS
			1000~26500	-0.62	-46.88	≤ -20.62	PASS
	Ant2	2422	30~1000	0.39	-59	≤ -19.61	PASS
			1000~26500	0.39	-48.18	≤ -19.61	PASS
	Ant1	2437	30~1000	0.28	-58.37	≤ -19.72	PASS
			1000~26500	0.28	-46.74	≤ -19.72	PASS
	Ant2	2437	30~1000	-0.23	-58.56	≤ -20.23	PASS
			1000~26500	-0.23	-46.7	≤ -20.23	PASS
	Ant1	2452	30~1000	-1.45	-57.87	≤ -21.45	PASS
			1000~26500	-1.45	-45.62	≤ -21.45	PASS
	Ant2	2452	30~1000	-2.31	-59.52	≤ -22.31	PASS
			1000~26500	-2.31	-47.95	≤ -22.31	PASS

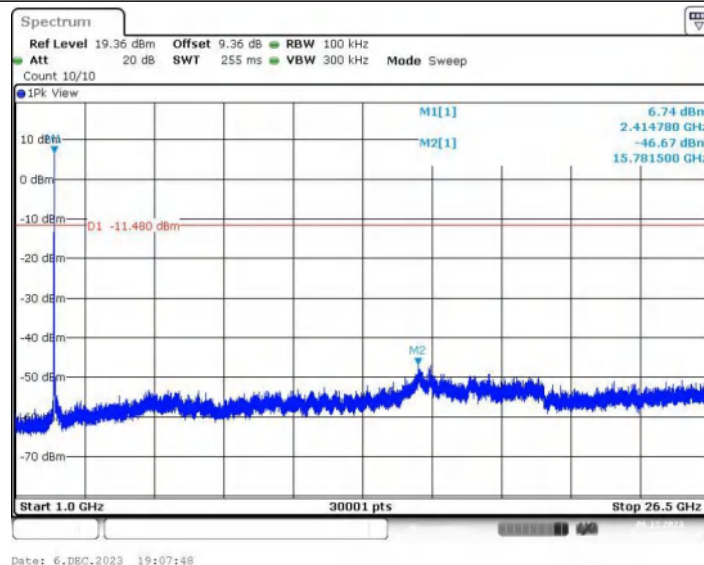


Test Graphs

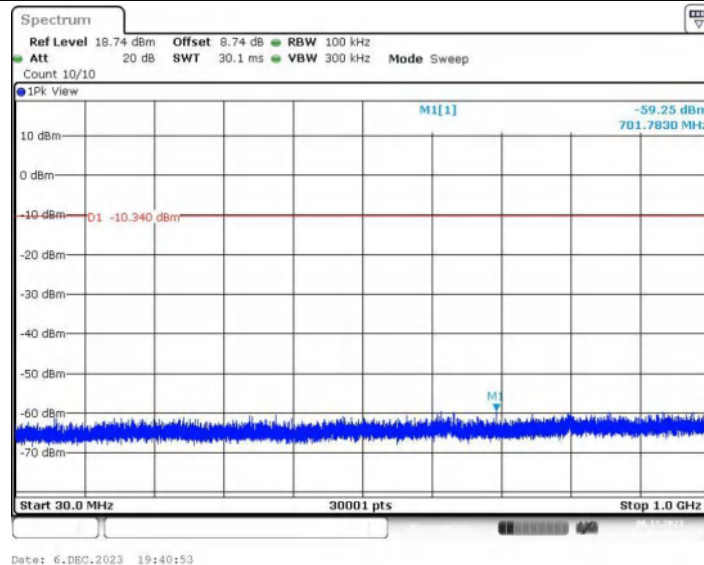
11B_Ant1_2412_30~1000



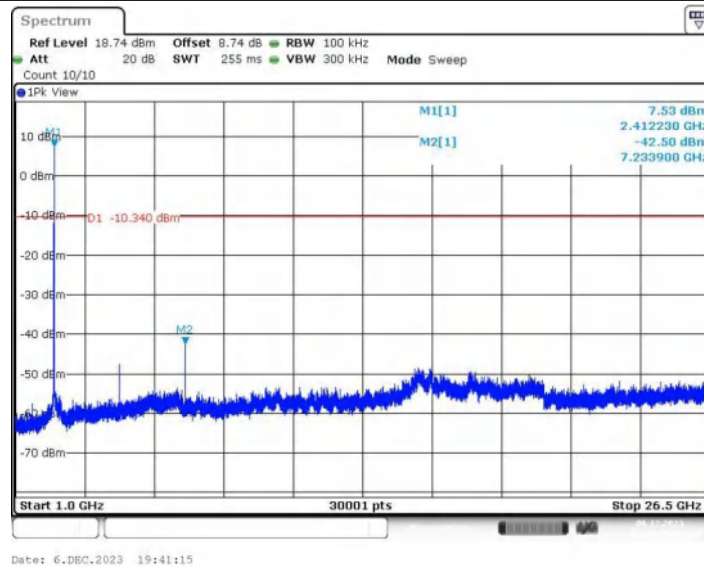
11B_Ant1_2412_1000~26500



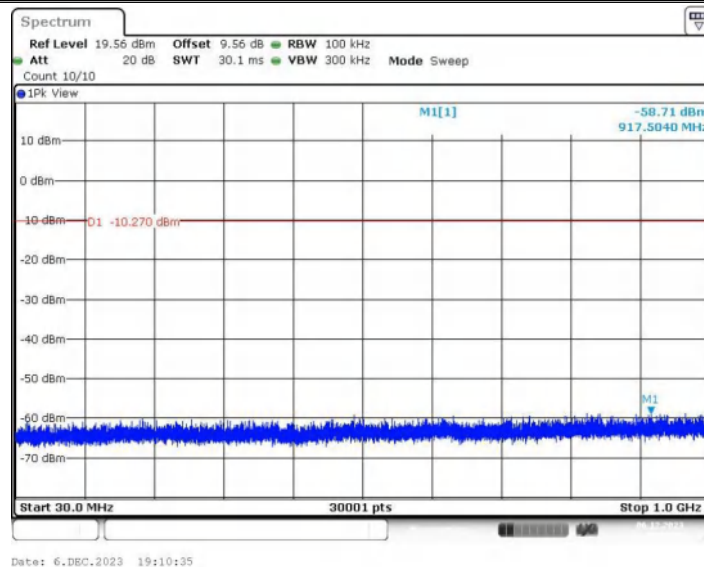
11B_Ant2_2412_30~1000



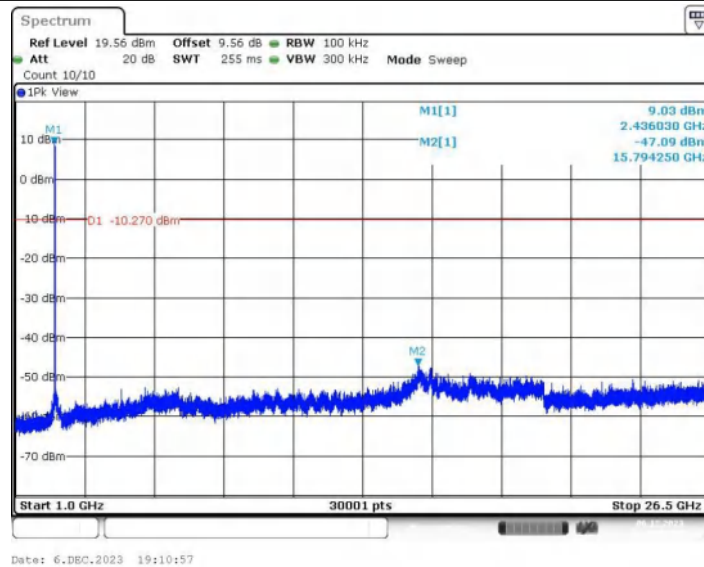
11B_Ant2_2412_1000~26500



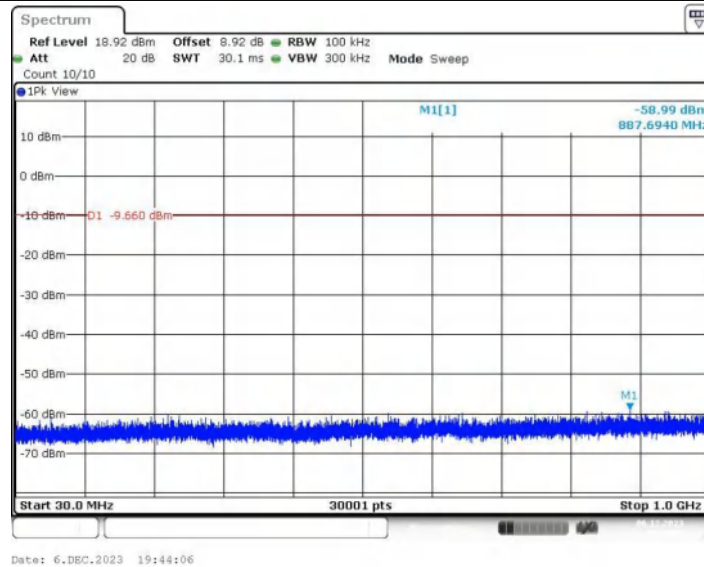
11B_Ant1_2437_30~1000



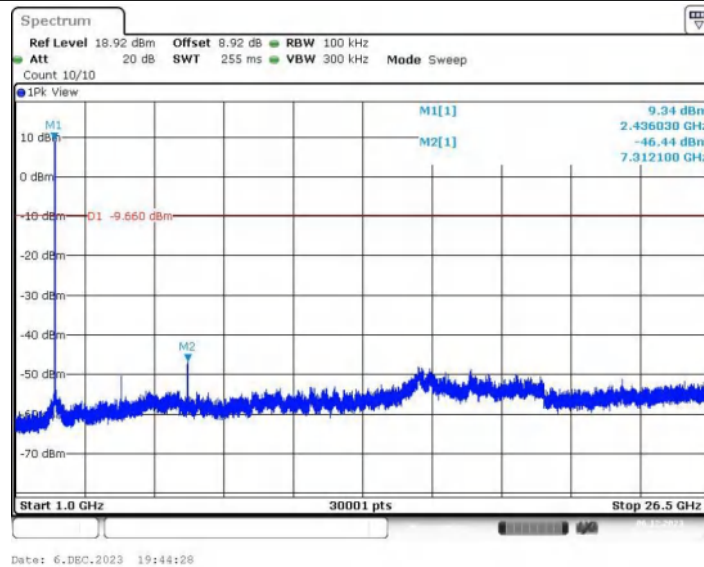
11B_Ant1_2437_1000~26500



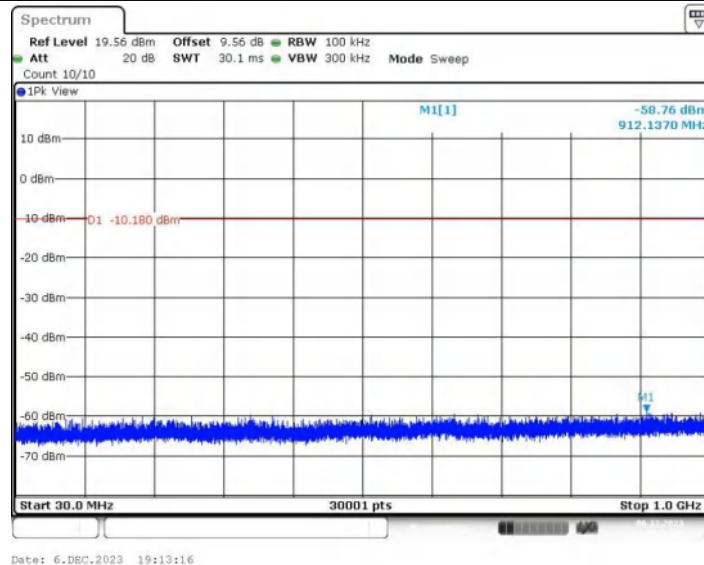
11B_Ant2_2437_30~1000



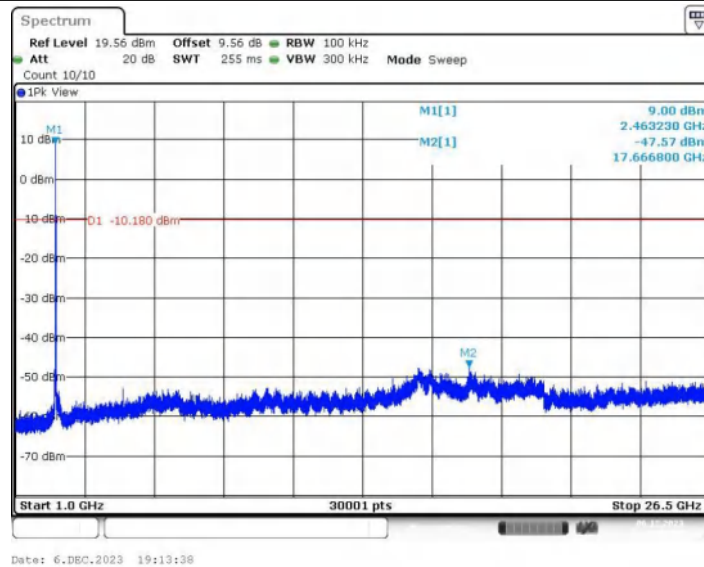
11B_Ant2_2437_1000~26500



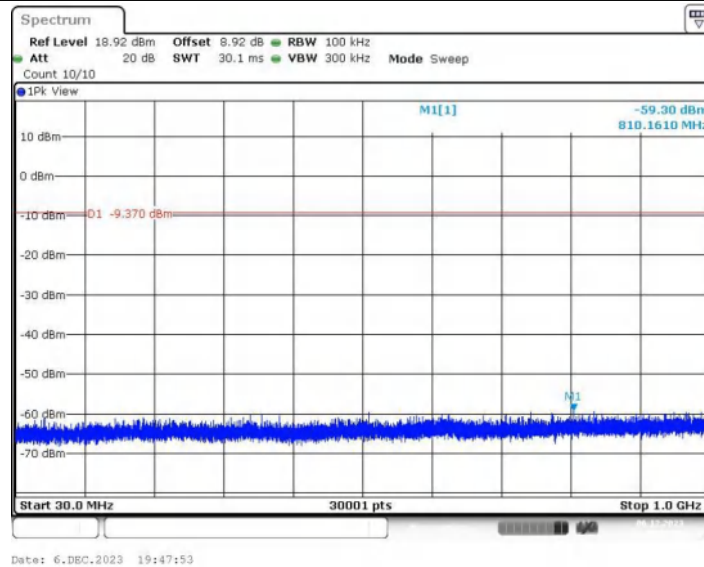
11B_Ant1_2462_30~1000



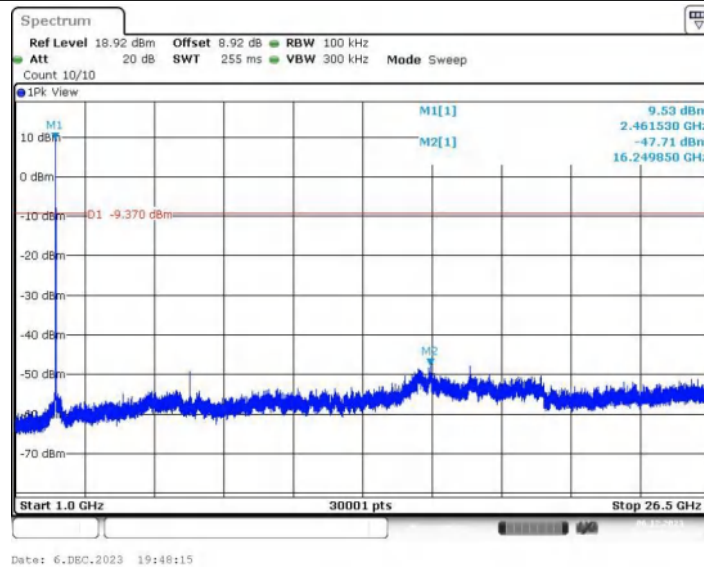
11B_Ant1_2462_1000~26500



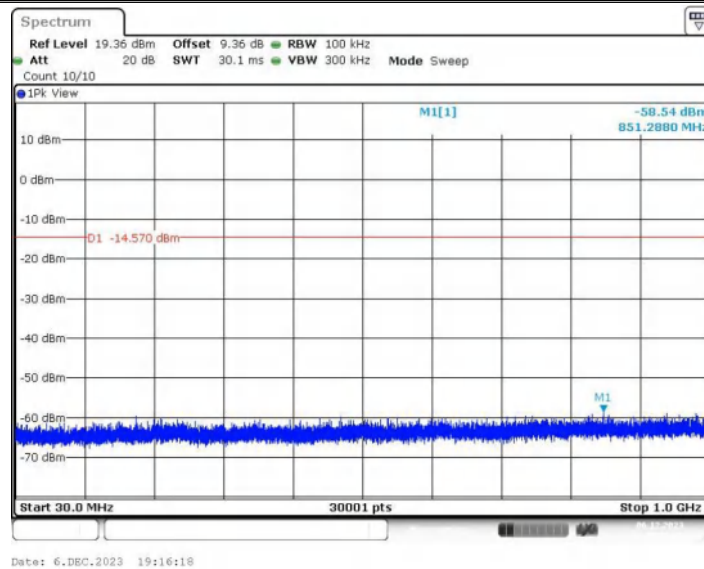
11B_Ant2_2462_30~1000



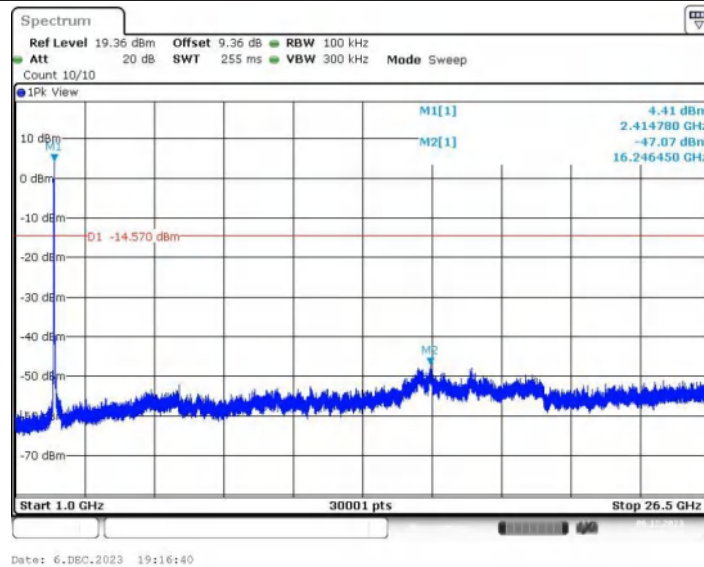
11B_Ant2_2462_1000~26500



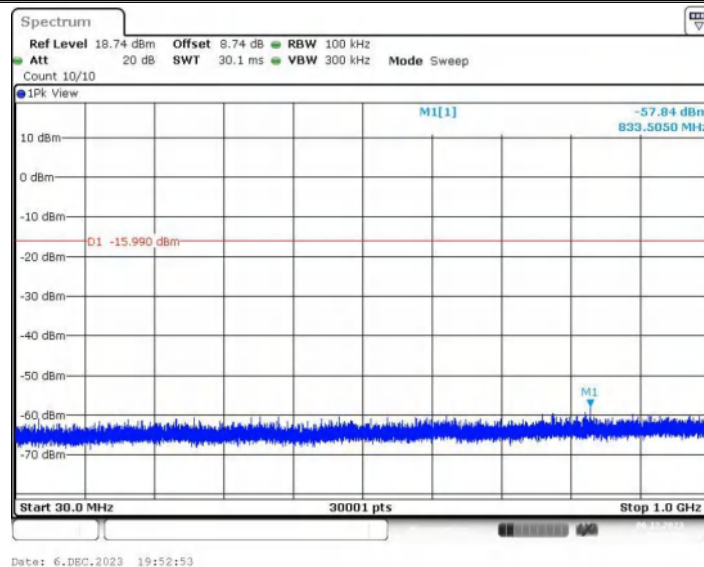
11G_Ant1_2412_30~1000



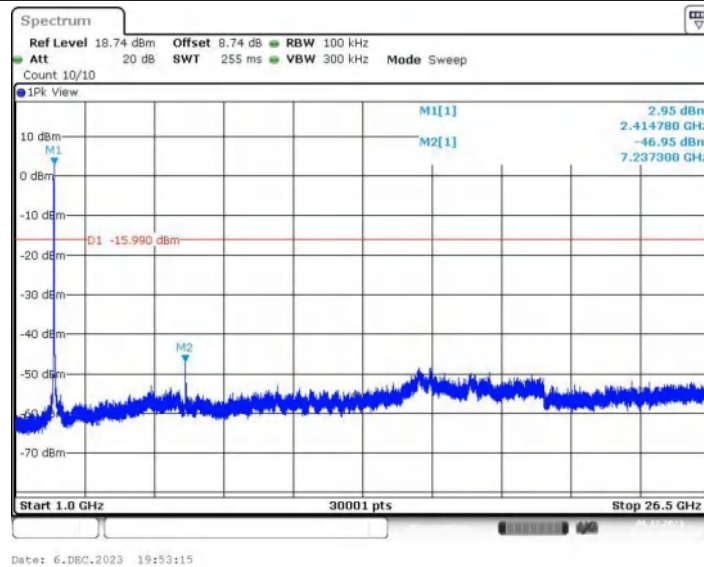
11G_Ant1_2412_1000~26500



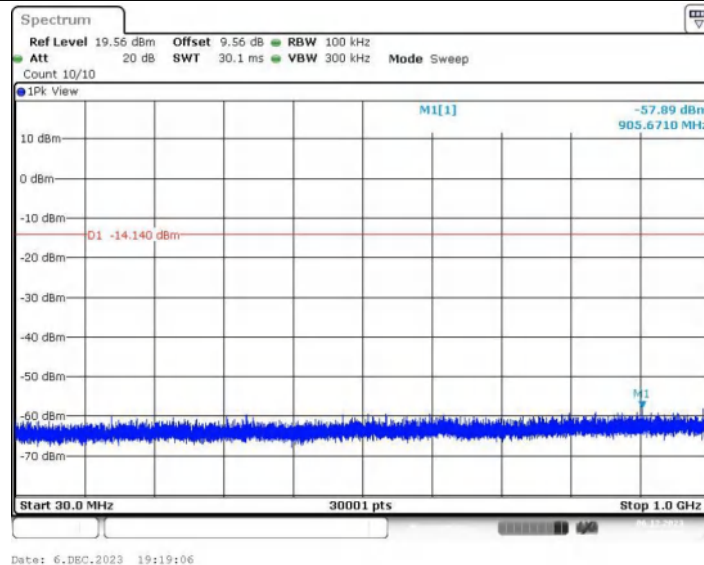
11G_Ant2_2412_30~1000



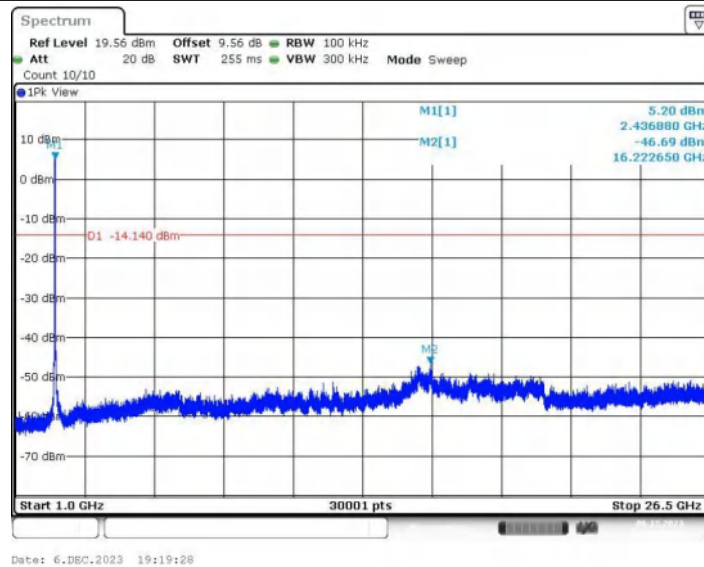
11G_Ant2_2412_1000~26500



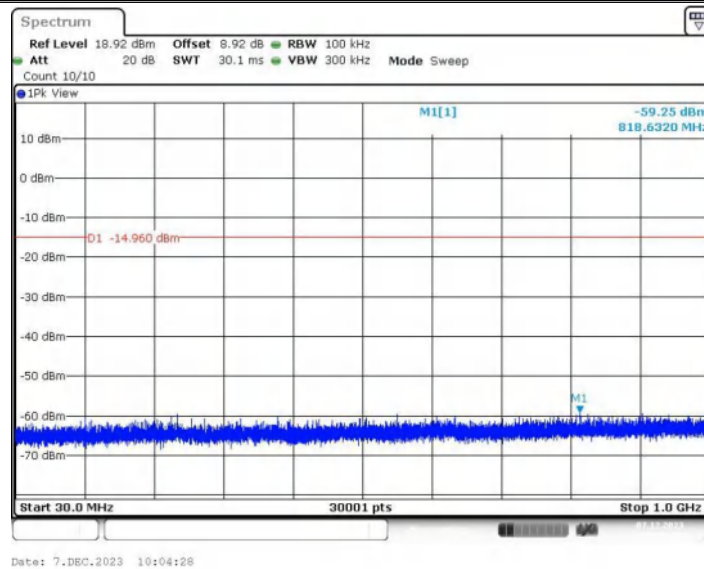
11G_Ant1_2437_30~1000



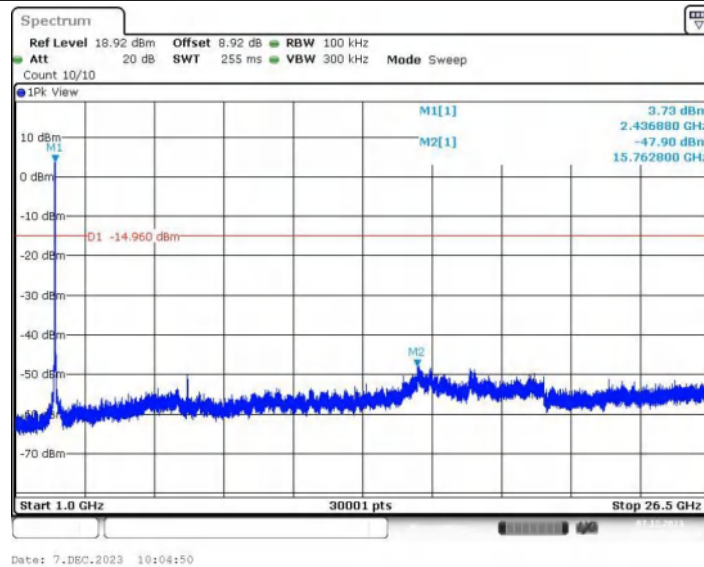
11G_Ant1_2437_1000~26500



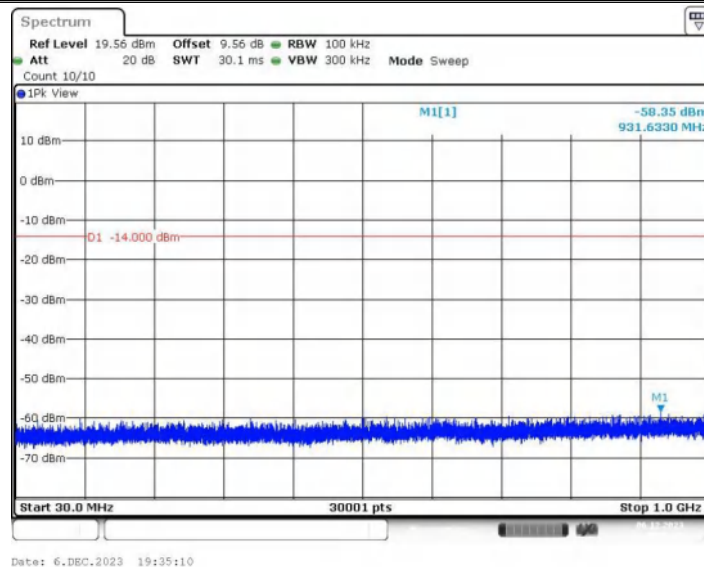
11G_Ant2_2437_30~1000



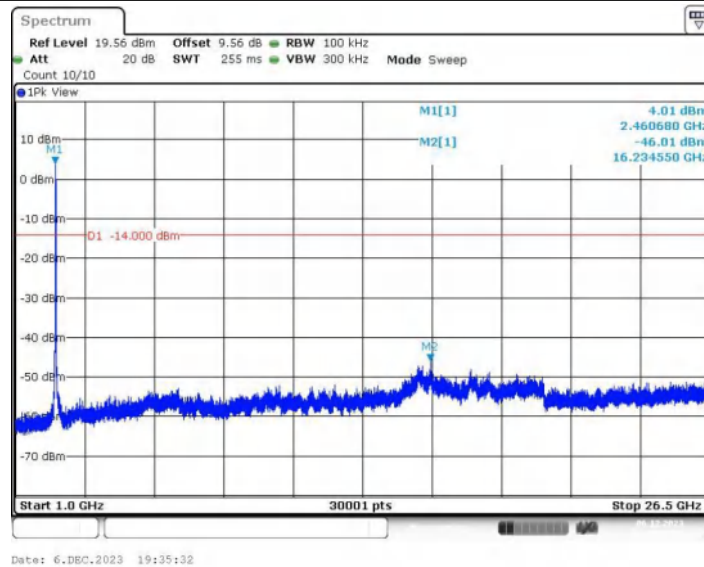
11G_Ant2_2437_1000~26500



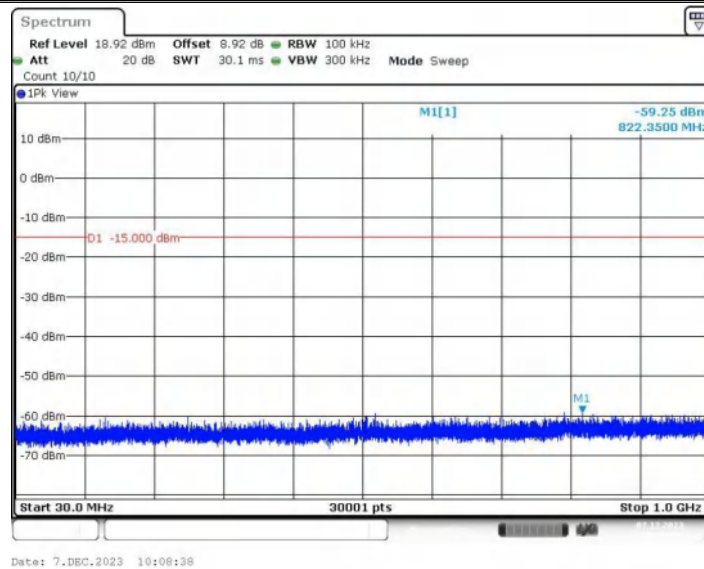
11G_Ant1_2462_30~1000



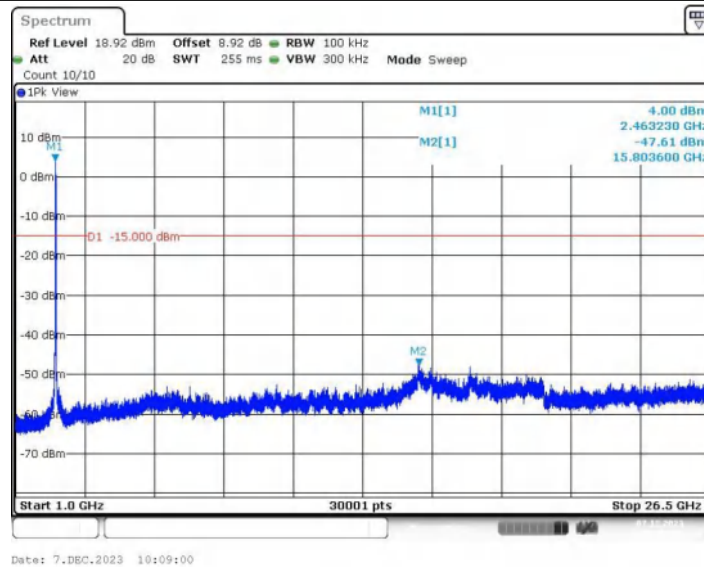
11G_Ant1_2462_1000~26500



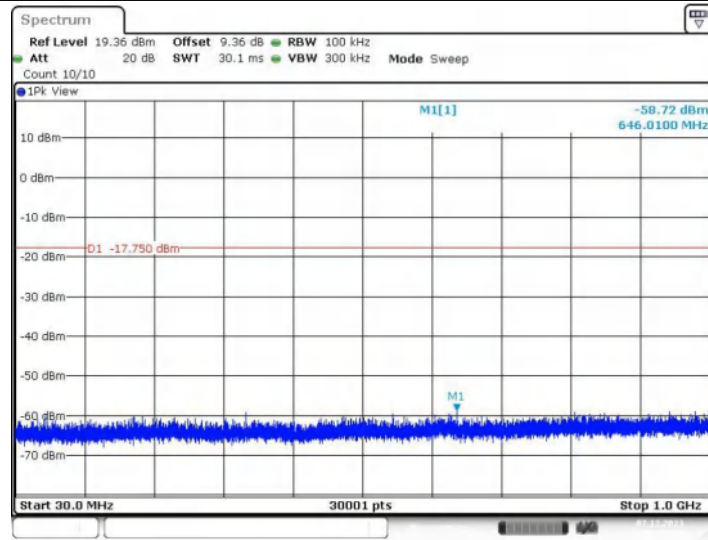
11G_Ant2_2462_30~1000



11G_Ant2_2462_1000~26500

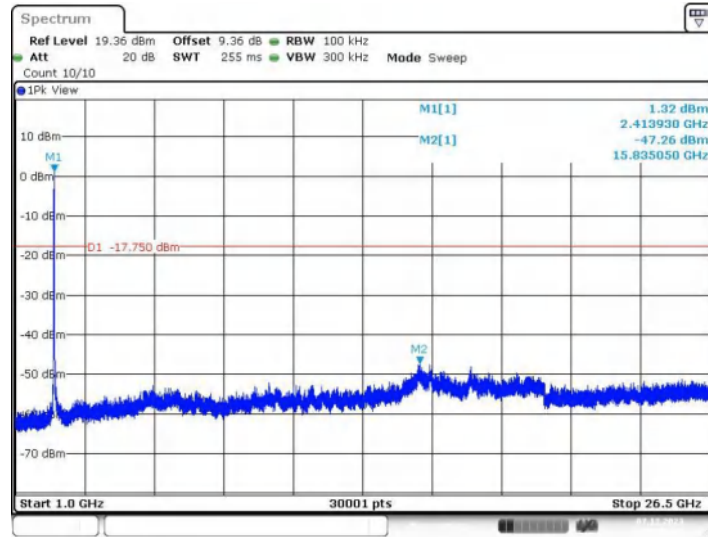


11N20MIMO_Ant1_2412_30~1000



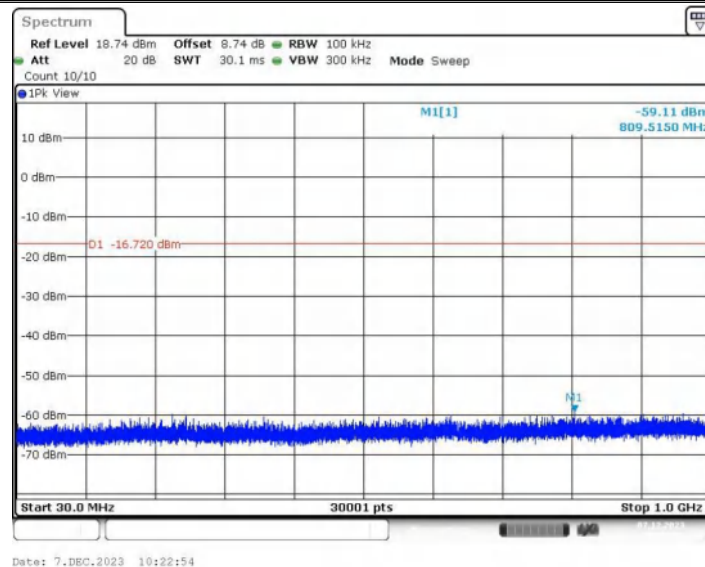
Date: 7.DEC.2023 10:18:55

11N20MIMO_Ant1_2412_1000~26500

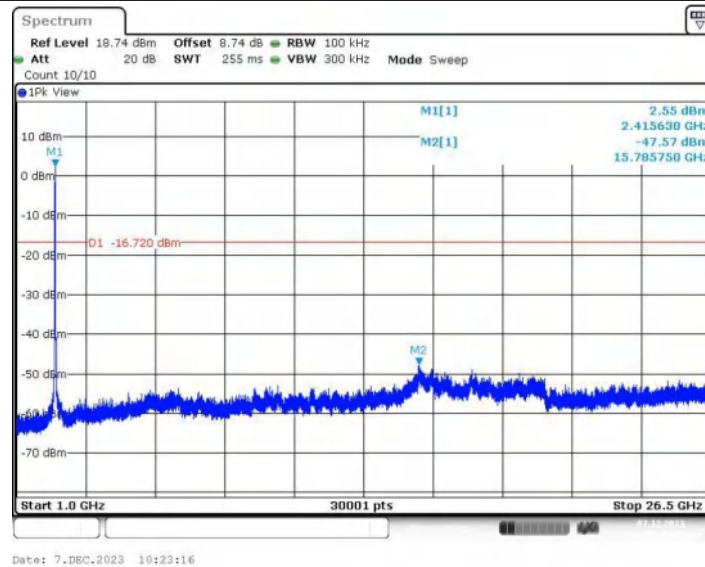


Date: 7.DEC.2023 10:19:16

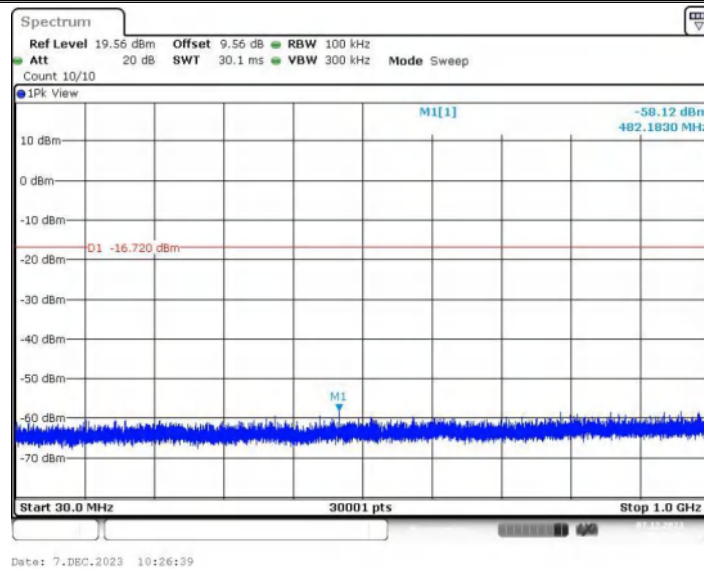
11N20MIMO_Ant2_2412_30~1000



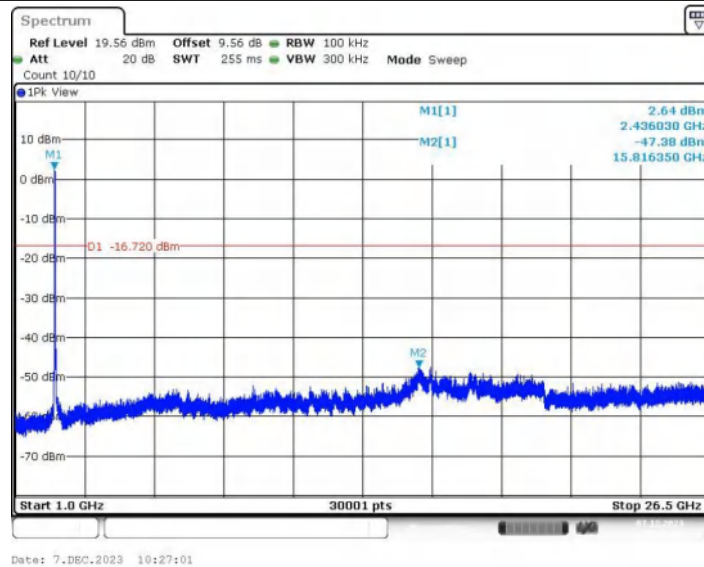
11N20MIMO_Ant2_2412_1000~26500



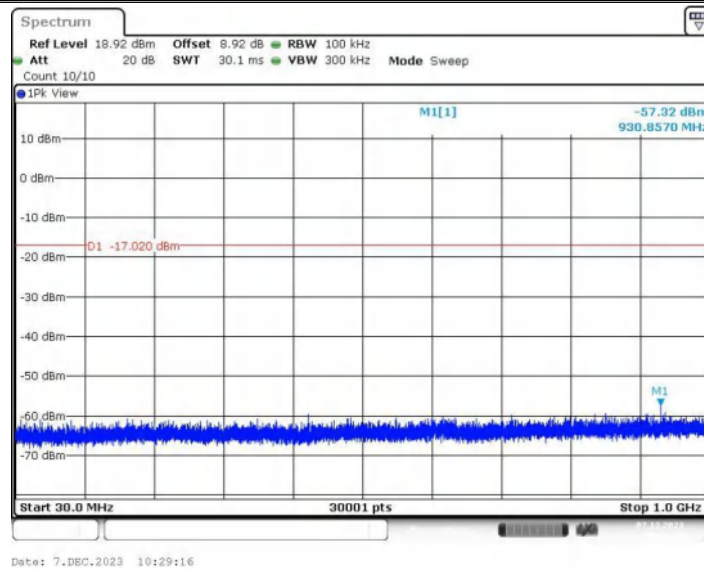
11N20MIMO_Ant1_2437_30~1000



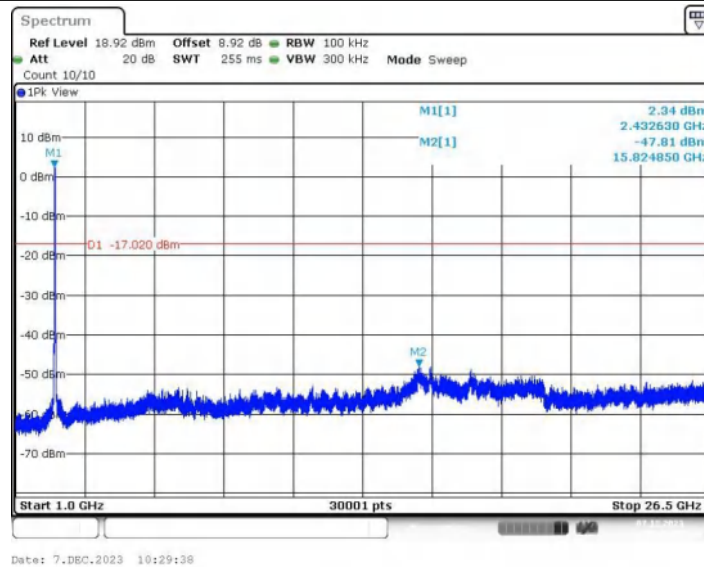
11N20MIMO_Ant1_2437_1000~26500



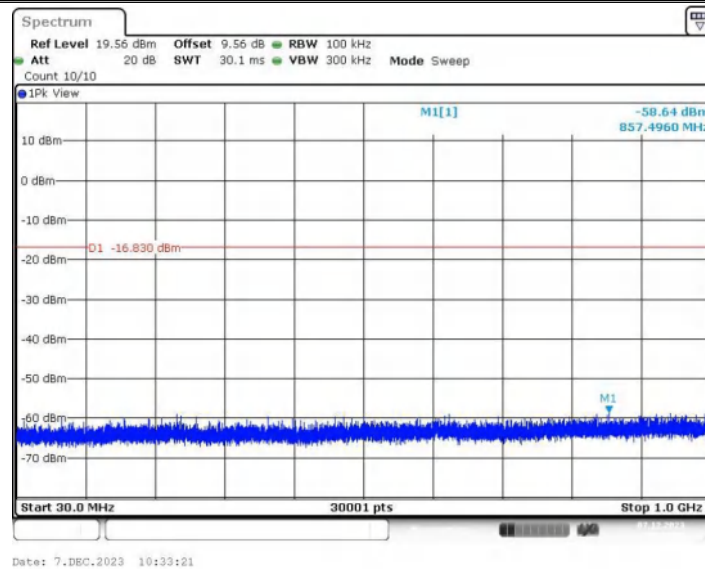
11N20MIMO_Ant2_2437_30~1000



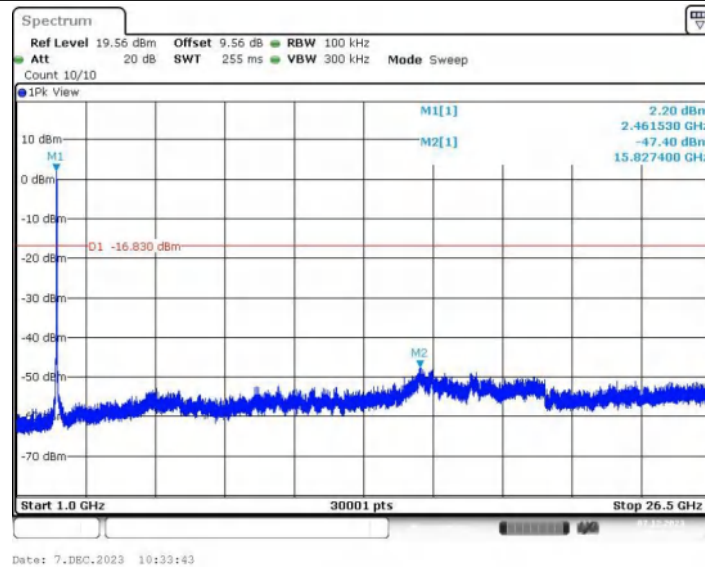
11N20MIMO_Ant2_2437_1000~26500



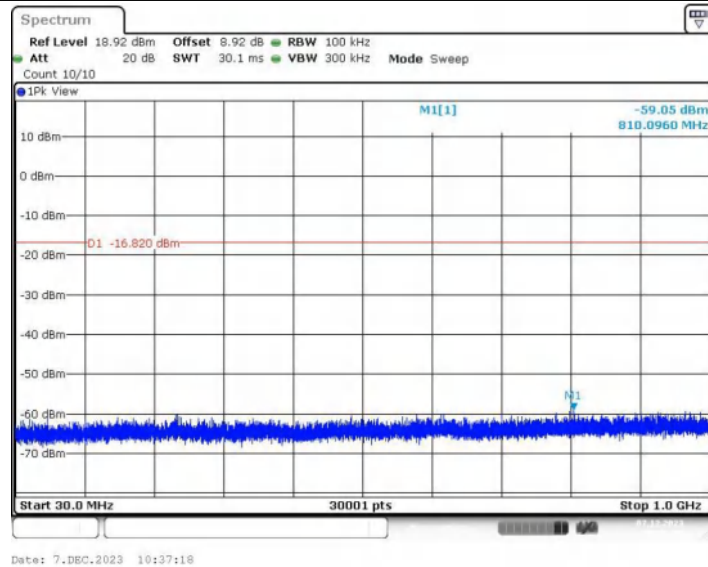
11N20MIMO_Ant1_2462_30~1000



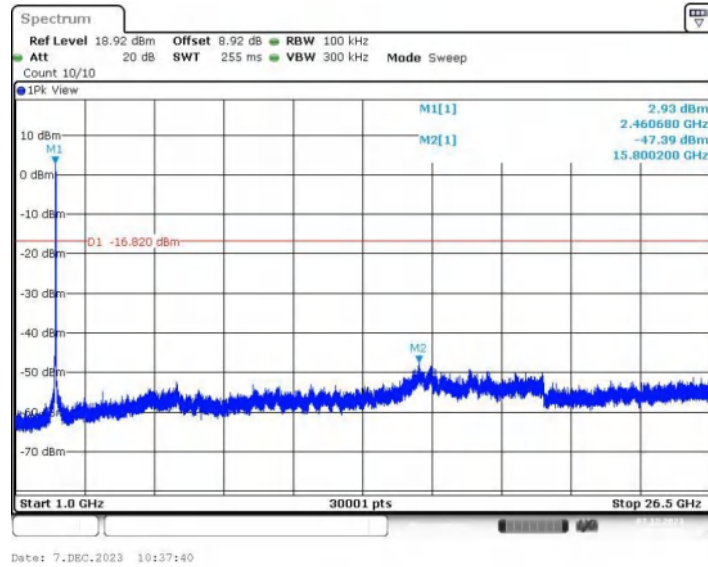
11N20MIMO_Ant1_2462_1000~26500



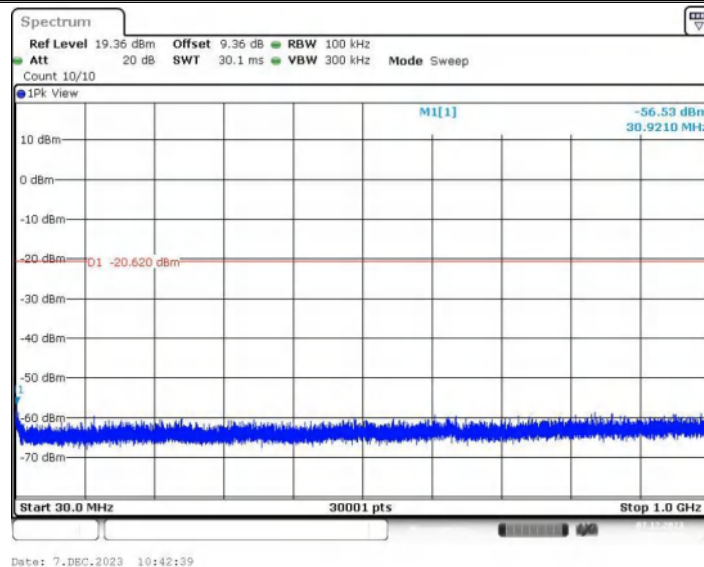
11N20MIMO_Ant2_2462_30~1000



11N20MIMO_Ant2_2462_1000~26500

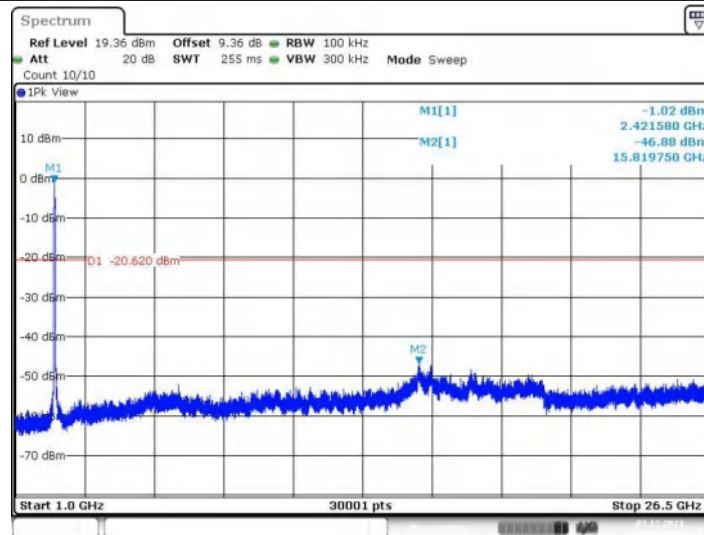


11N40MIMO_Ant1_2422_30~1000



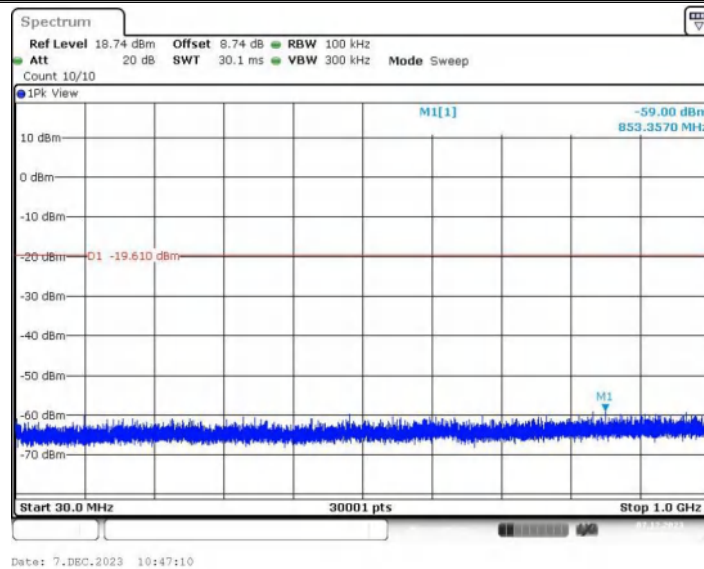
Date: 7.DEC.2023 10:42:39

11N40MIMO_Ant1_2422_1000~26500

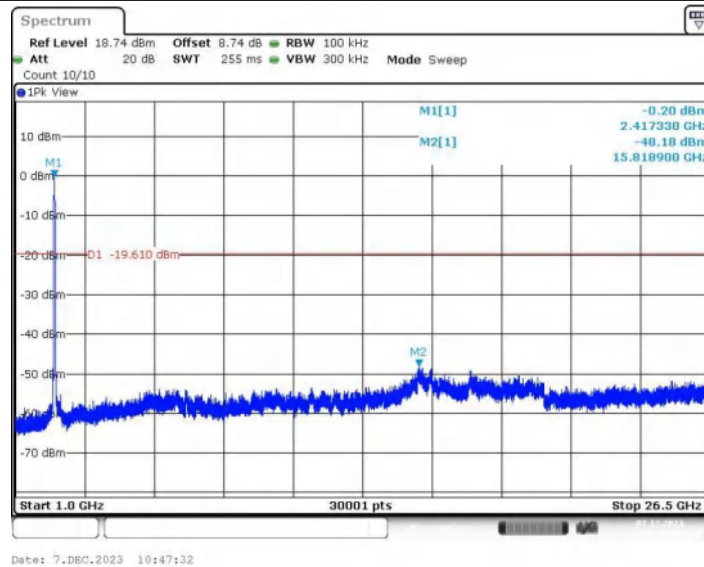


Date: 7.DEC.2023 10:43:01

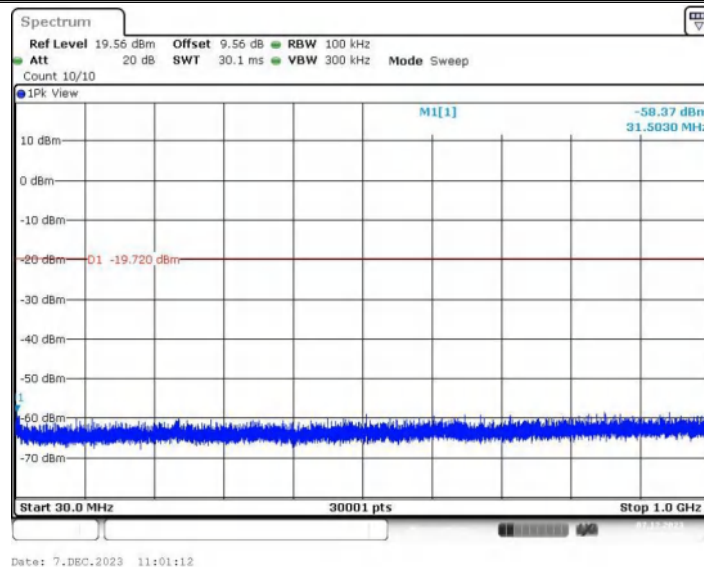
11N40MIMO_Ant2_2422_30~1000



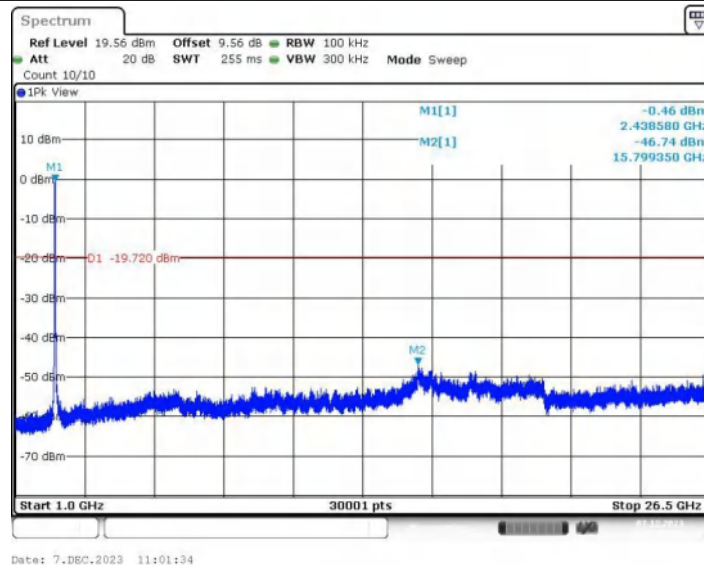
11N40MIMO_Ant2_2422_1000~26500



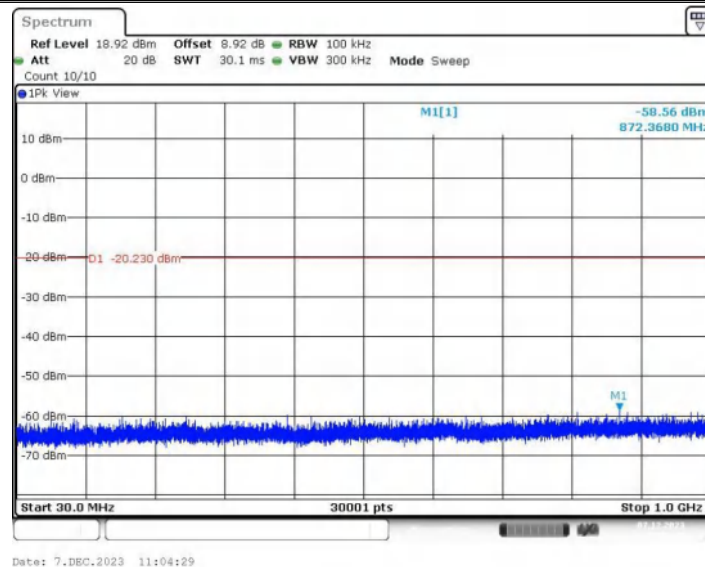
11N40MIMO_Ant1_2437_30~1000



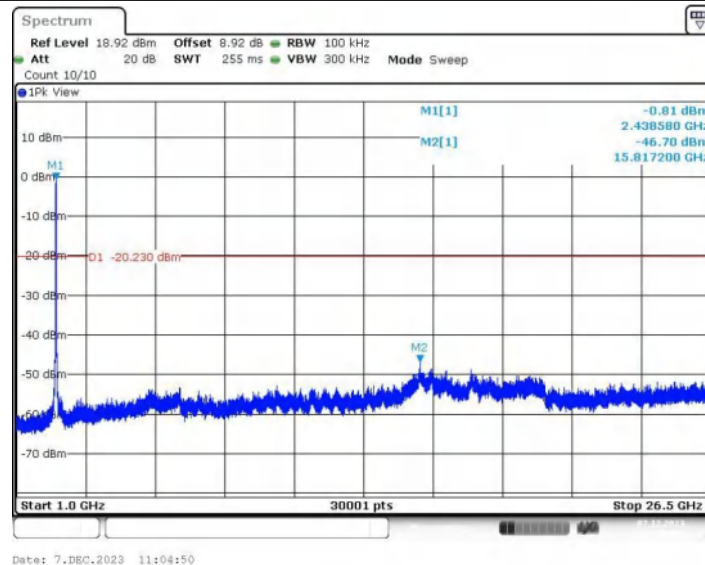
11N40MIMO_Ant1_2437_1000~26500



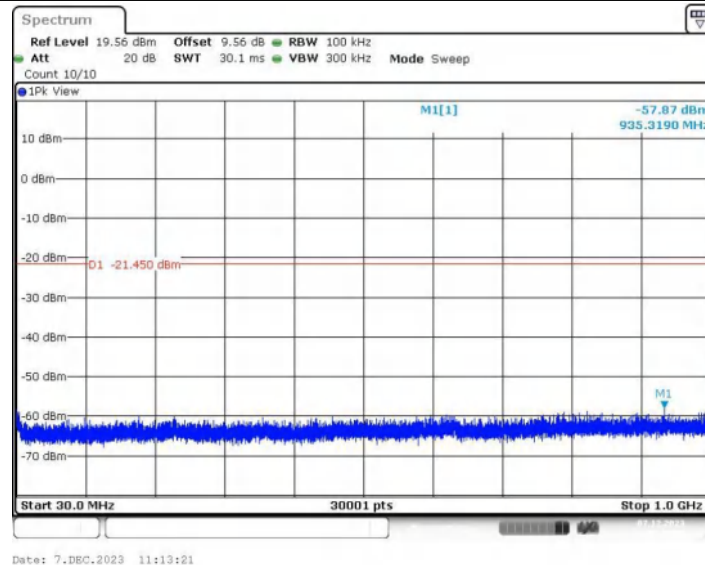
11N40MIMO_Ant2_2437_30~1000



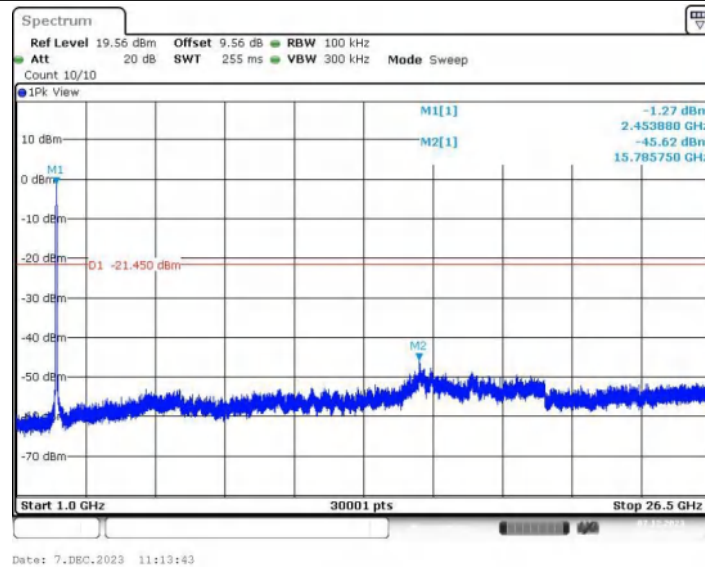
11N40MIMO_Ant2_2437_1000~26500



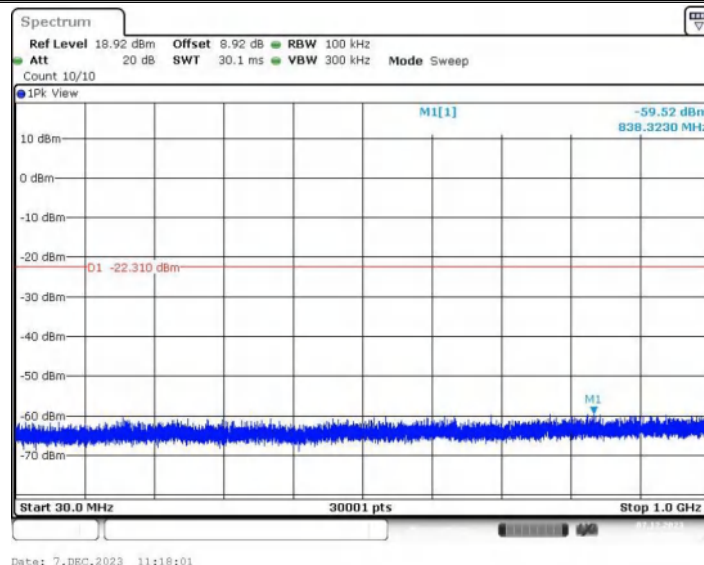
11N40MIMO_Ant1_2452_30~1000



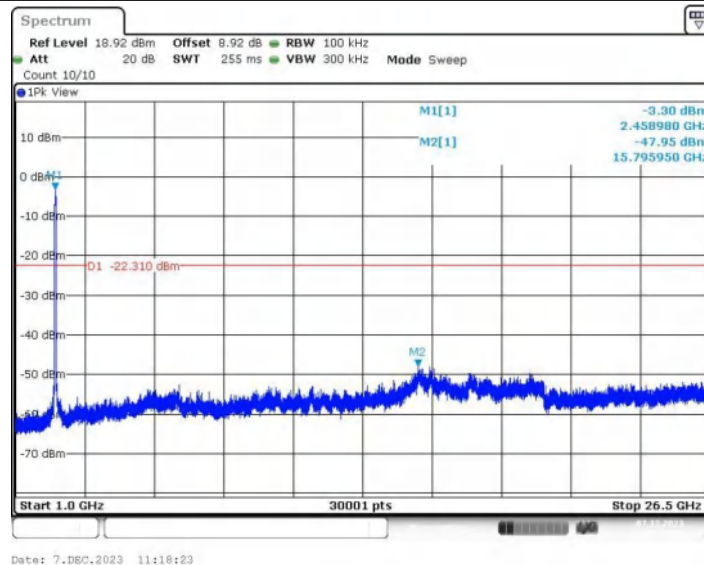
11N40MIMO_Ant1_2452_1000~26500



11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500





Appendix H: Duty Cycle

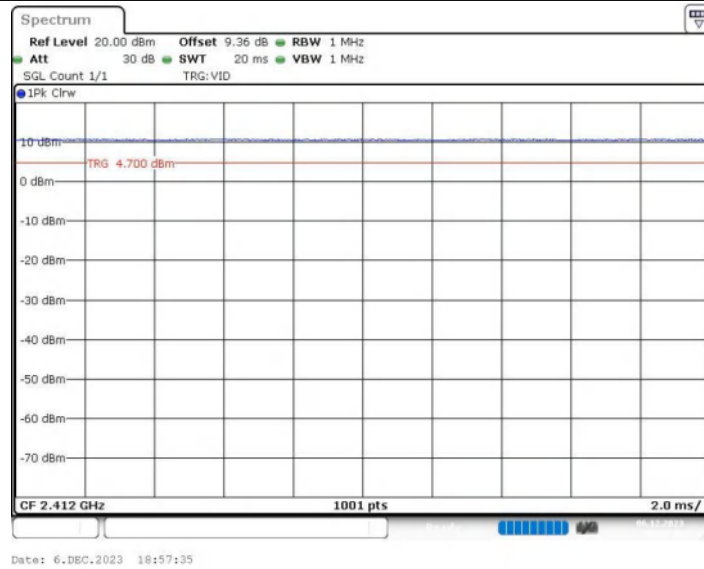
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	20.00	20.00	100.00
	Ant2	2412	20.00	20.00	100.00
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
	Ant1	2462	20.00	20.00	100.00
	Ant2	2462	20.00	20.00	100.00
11G	Ant1	2412	20.00	20.00	100.00
	Ant2	2412	20.00	20.00	100.00
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
	Ant1	2462	20.00	20.00	100.00
	Ant2	2462	20.00	20.00	100.00
11N20MIMO	Ant1	2412	20.00	20.00	100.00
	Ant2	2412	20.00	20.00	100.00
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
	Ant1	2462	20.00	20.00	100.00
	Ant2	2462	20.00	20.00	100.00
11N40MIMO	Ant1	2422	20.00	20.00	100.00
	Ant2	2422	20.00	20.00	100.00
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
	Ant1	2452	20.00	20.00	100.00
	Ant2	2452	20.00	20.00	100.00

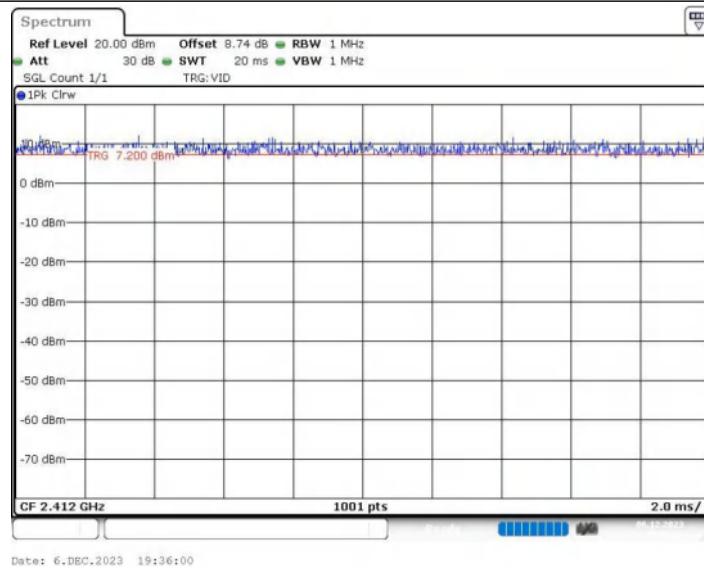


Test Graphs

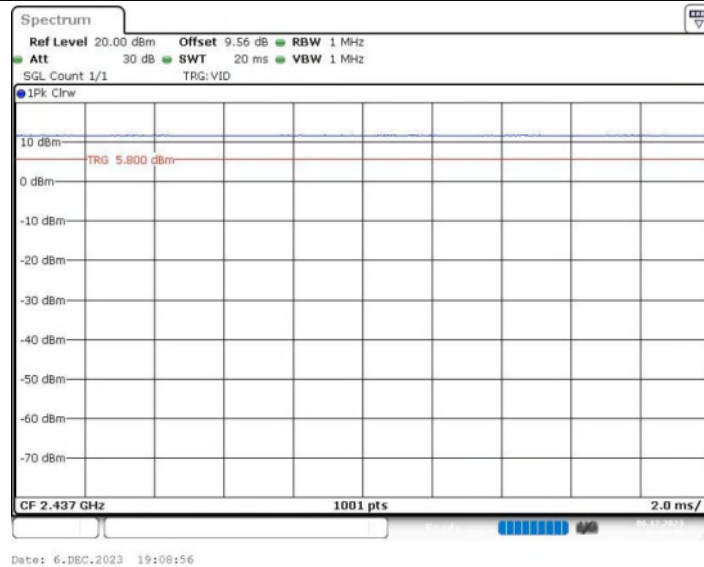
11B_Ant1_2412



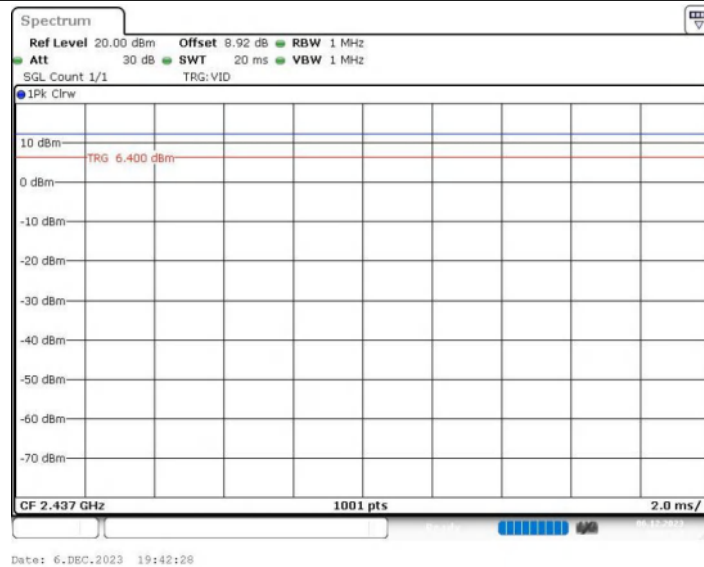
11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



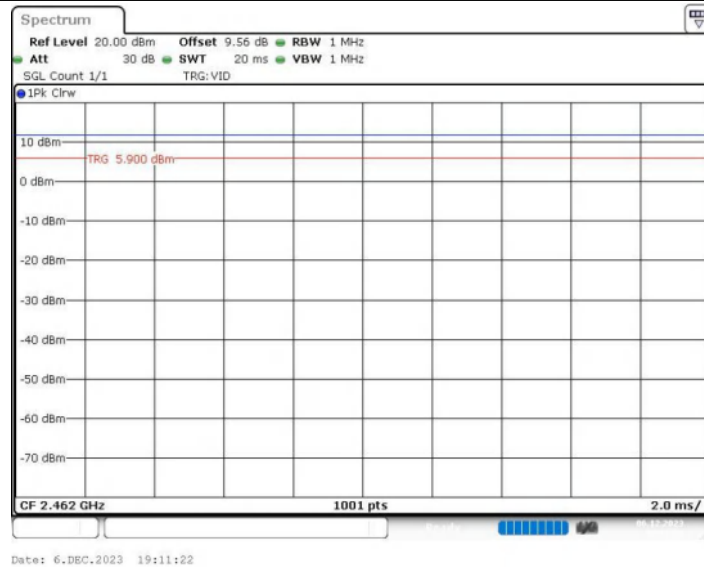
11B_Ant1_2462



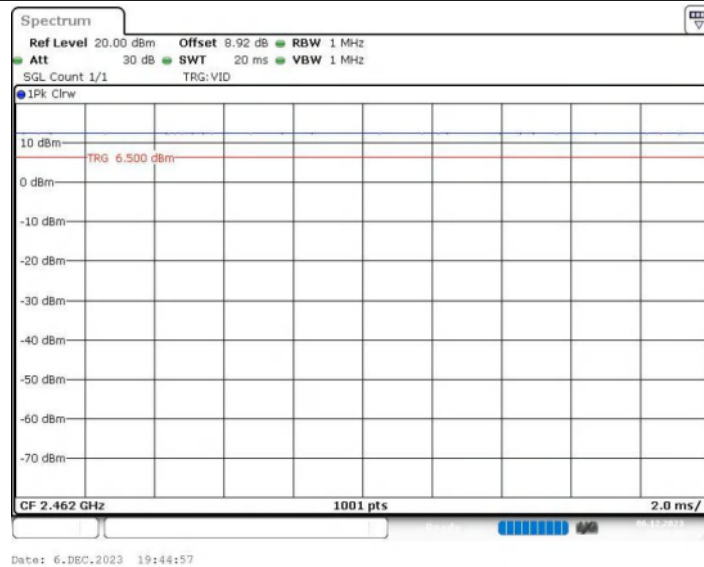
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 93 of 102



11B_Ant2_2462



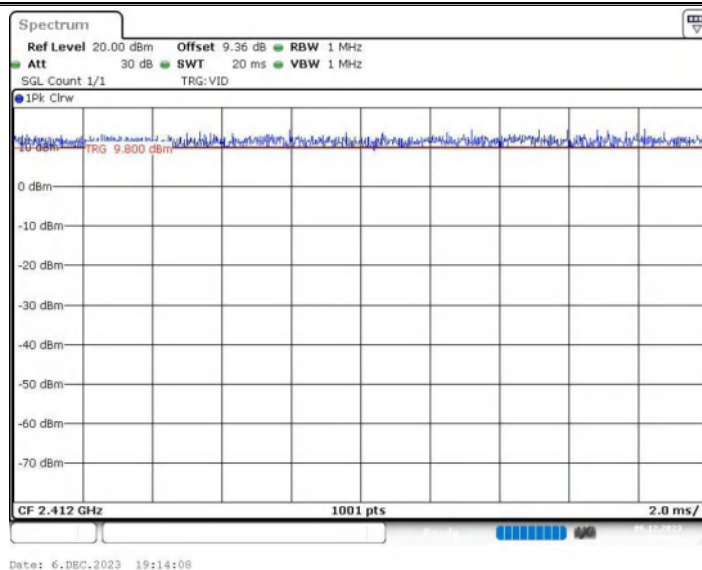
11G_Ant1_2412



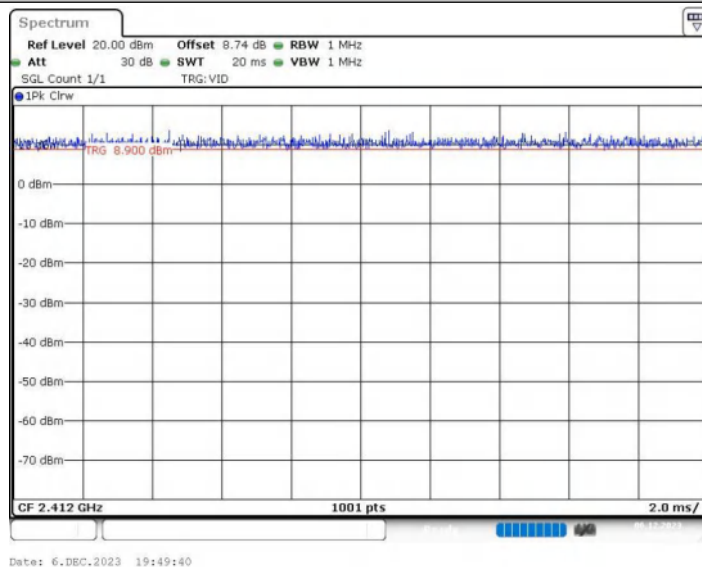
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 94 of 102



11G_Ant2_2412



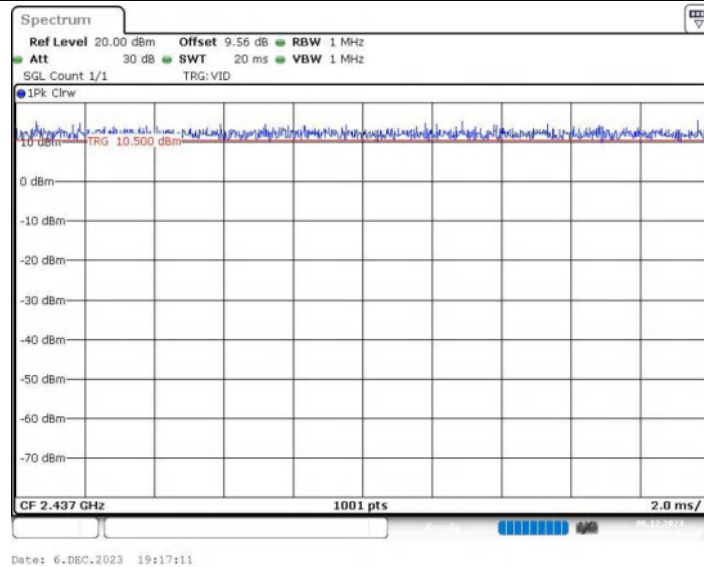
11G_Ant1_2437



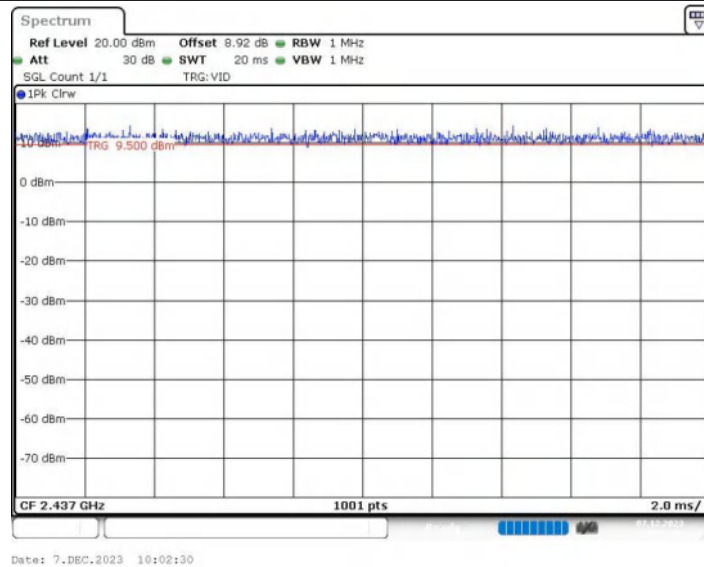
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 95 of 102



11G_Ant2_2437



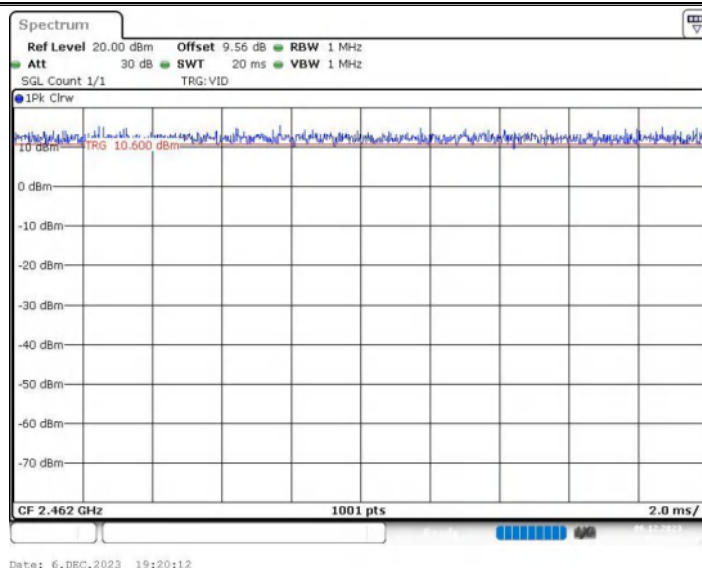
11G_Ant1_2462



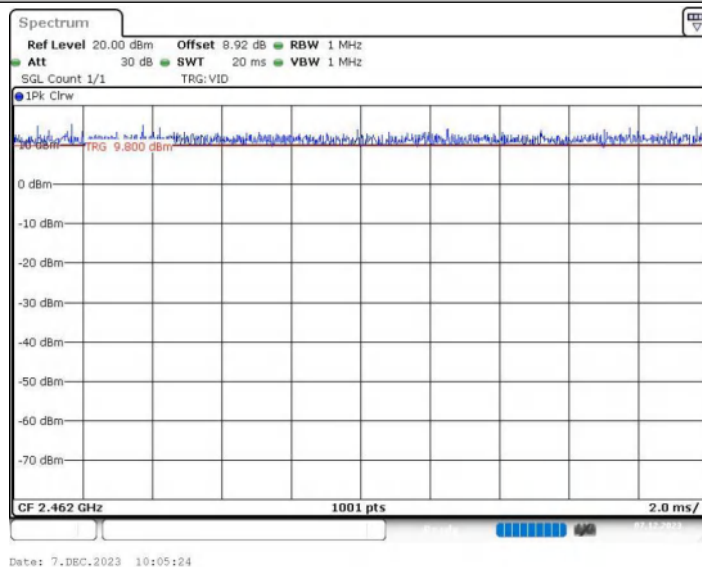
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 96 of 102



11G_Ant2_2462



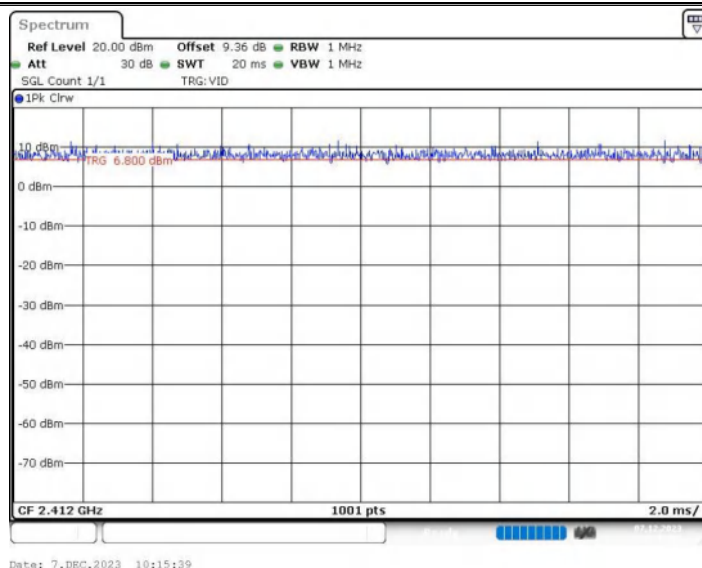
11N20MIMO_Ant1_2412



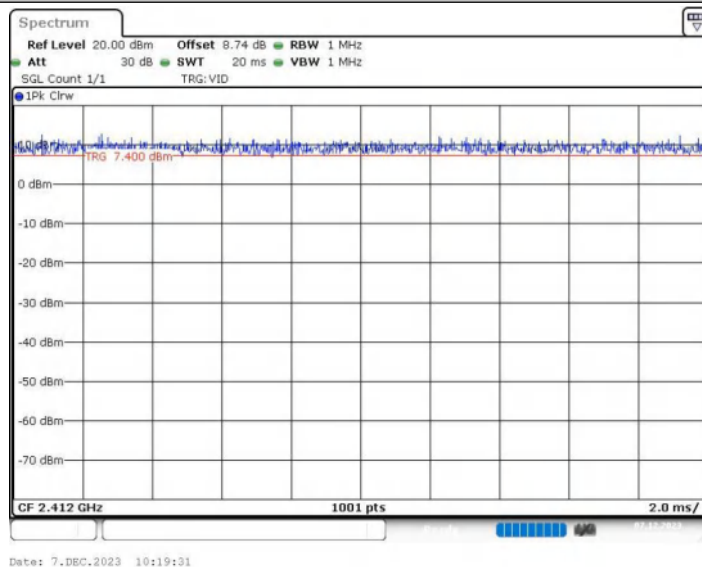
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 97 of 102



11N20MIMO_Ant2_2412



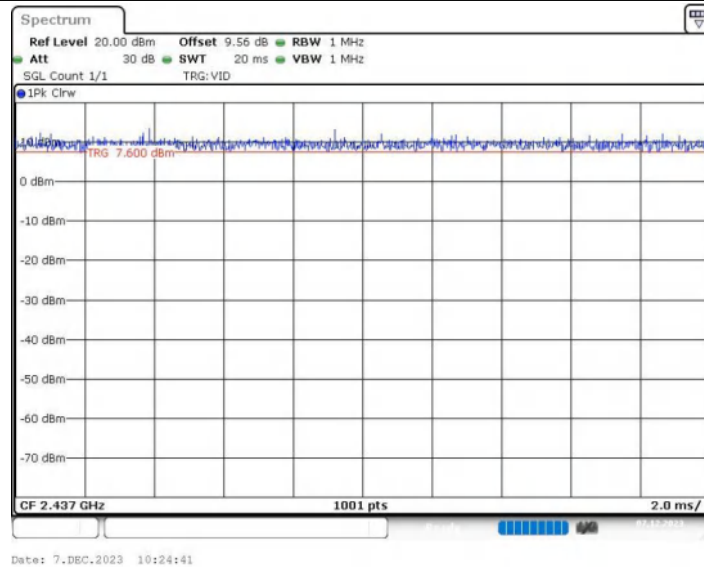
11N20MIMO_Ant1_2437



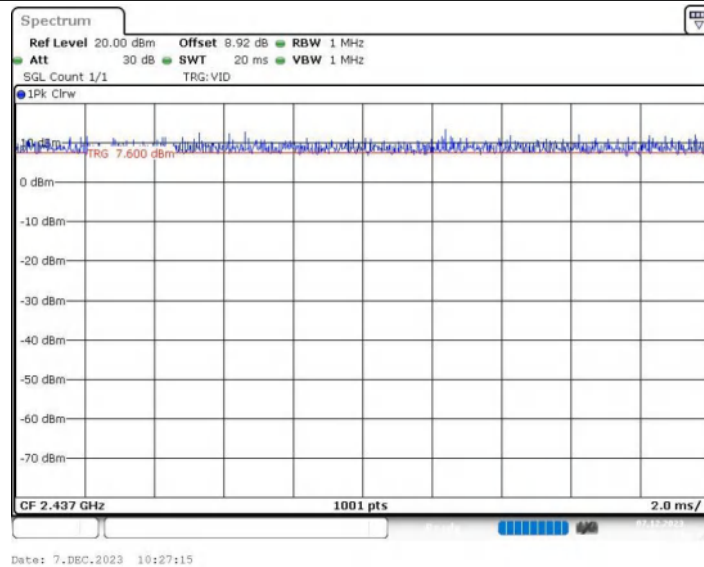
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 98 of 102



11N20MIMO_Ant2_2437



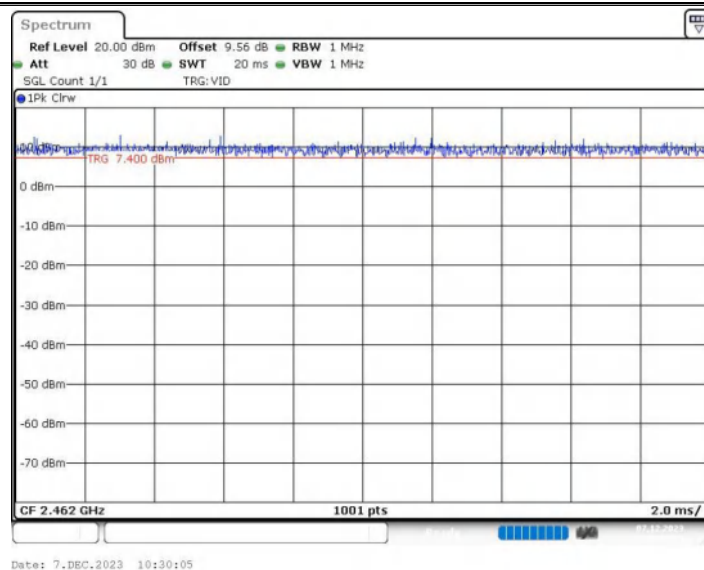
11N20MIMO_Ant1_2462



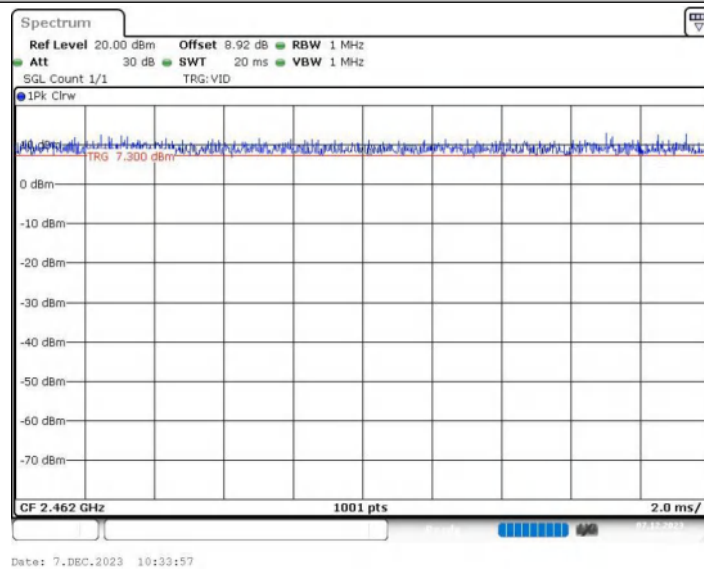
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 99 of 102



11N20MIMO_Ant2_2462



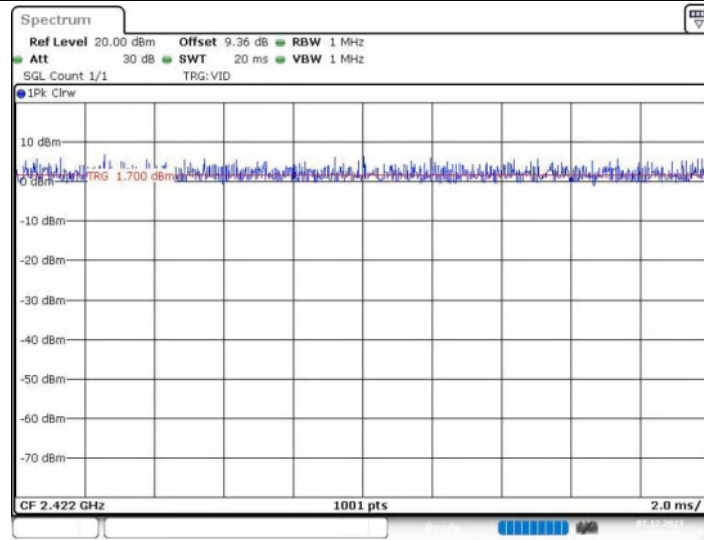
11N40MIMO_Ant1_2422



CVC Testing Technology Co., Ltd.

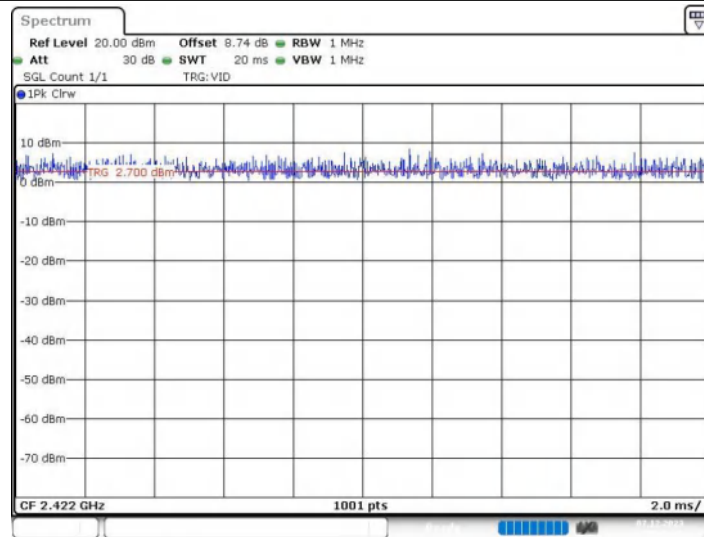
Test Report No.: FCC2023-0070-RF1-A1

Page 100 of 102



Date: 7.DEC.2023 10:38:43

11N40MIMO_Ant2_2422



Date: 7.DEC.2023 10:43:15

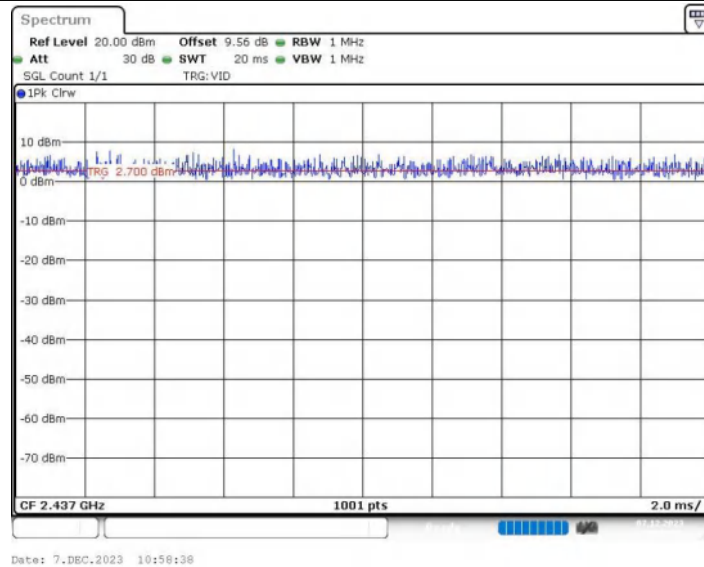
11N40MIMO_Ant1_2437



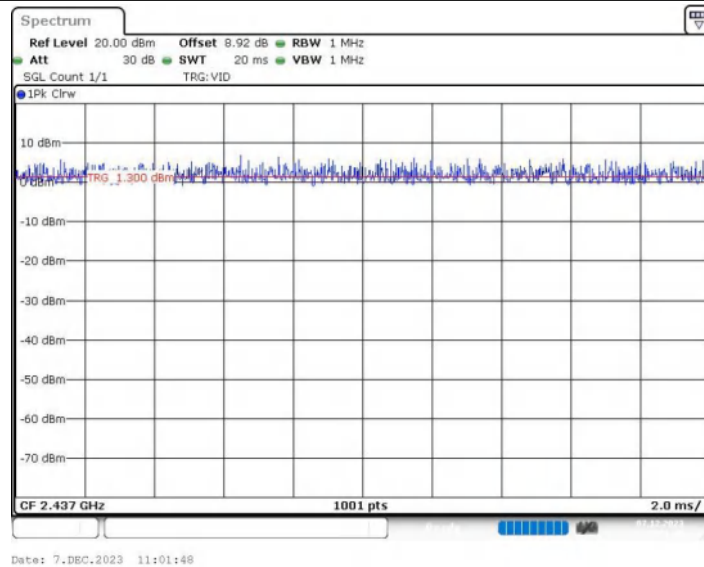
CVC Testing Technology Co., Ltd.

Test Report No.: FCC2023-0070-RF1-A1

Page 101 of 102



11N40MIMO_Ant2_2437



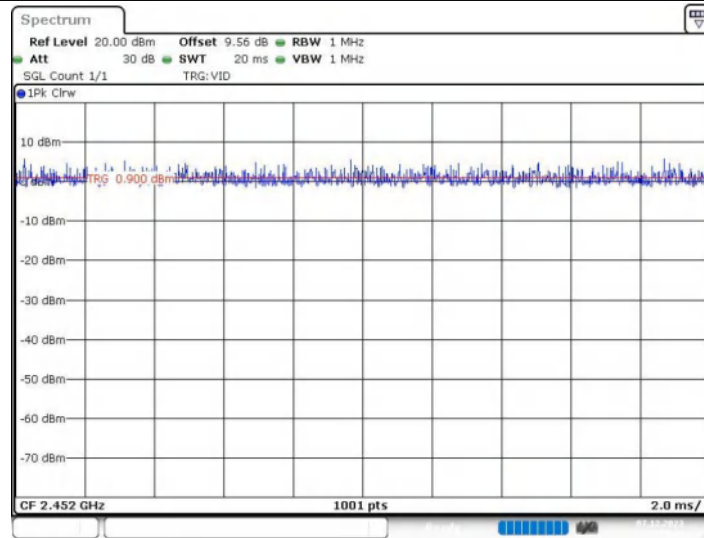
11N40MIMO_Ant1_2452



CVC Testing Technology Co., Ltd.

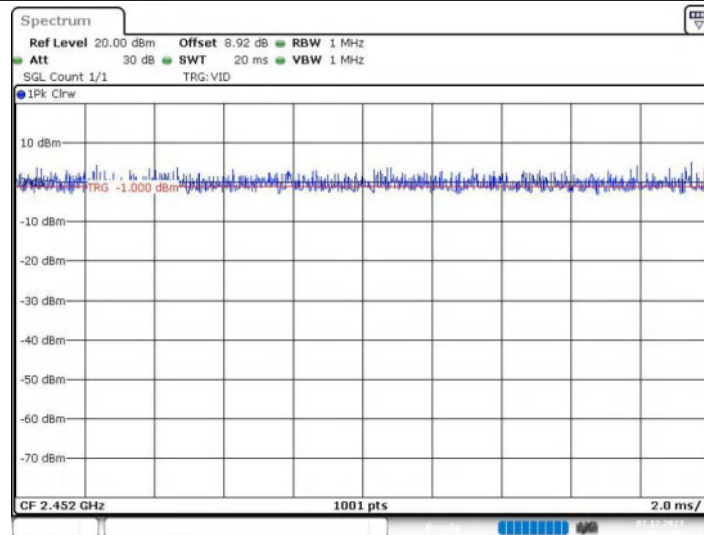
Test Report No.: FCC2023-0070-RF1-A1

Page 102 of 102



Date: 7.DEC.2023 11:09:24

11N40MIMO_Ant2_2452



Date: 7.DEC.2023 11:13:57