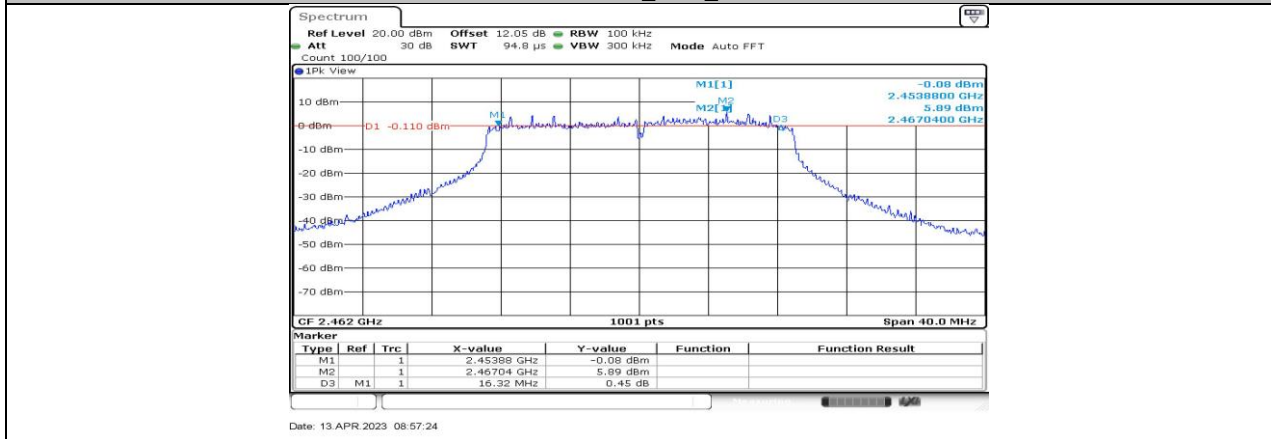
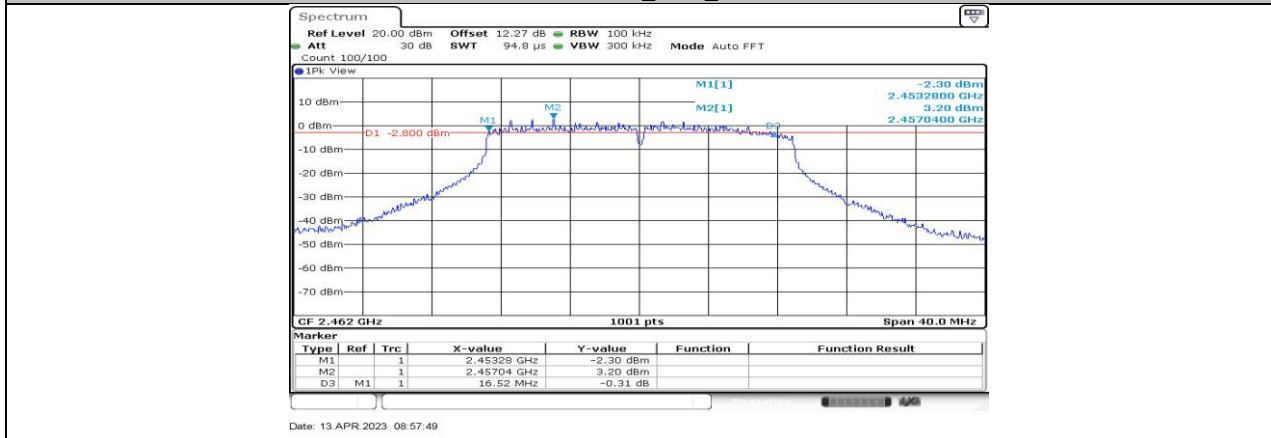


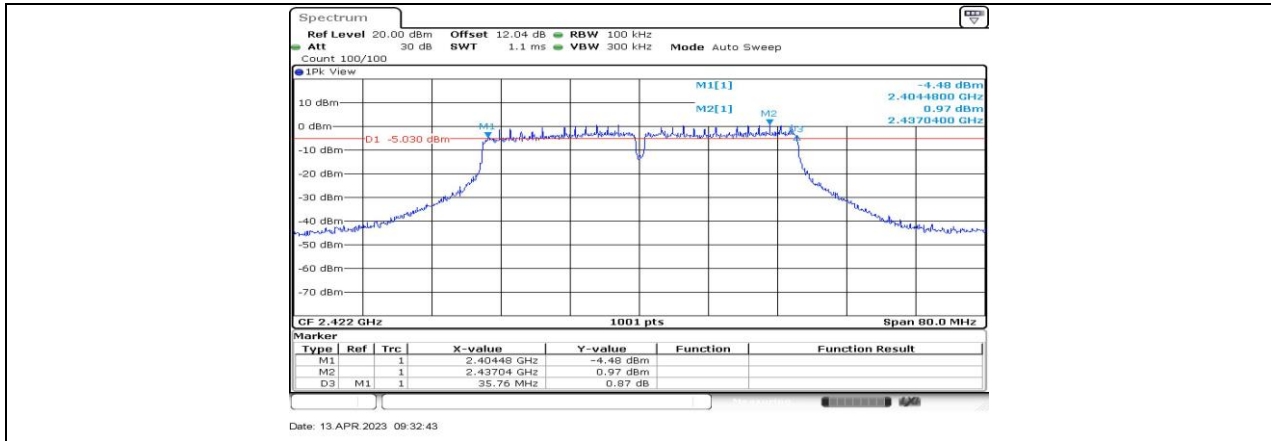
11N20MIMO_Ant2_2437



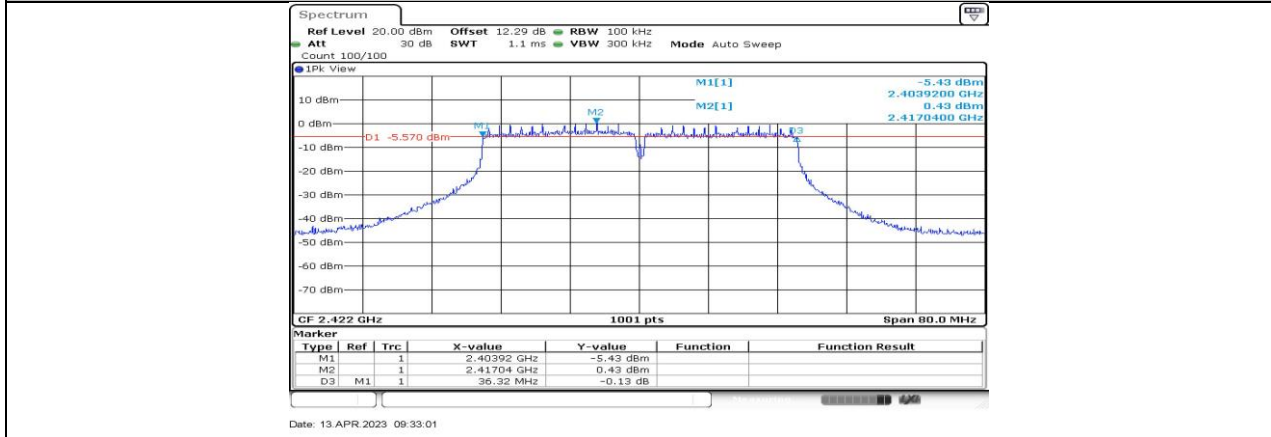
11N20MIMO_Ant1_2462



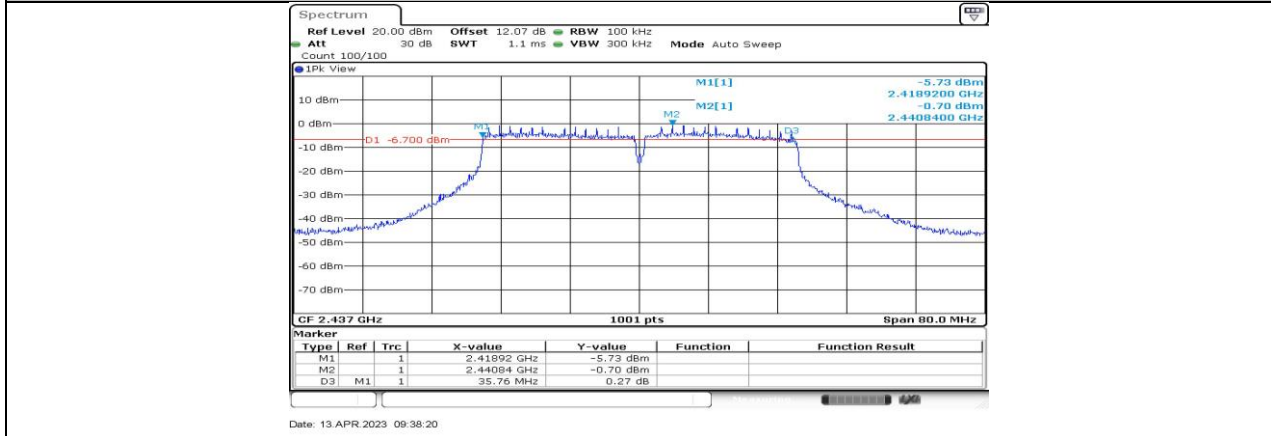
11N20MIMO_Ant2_2462



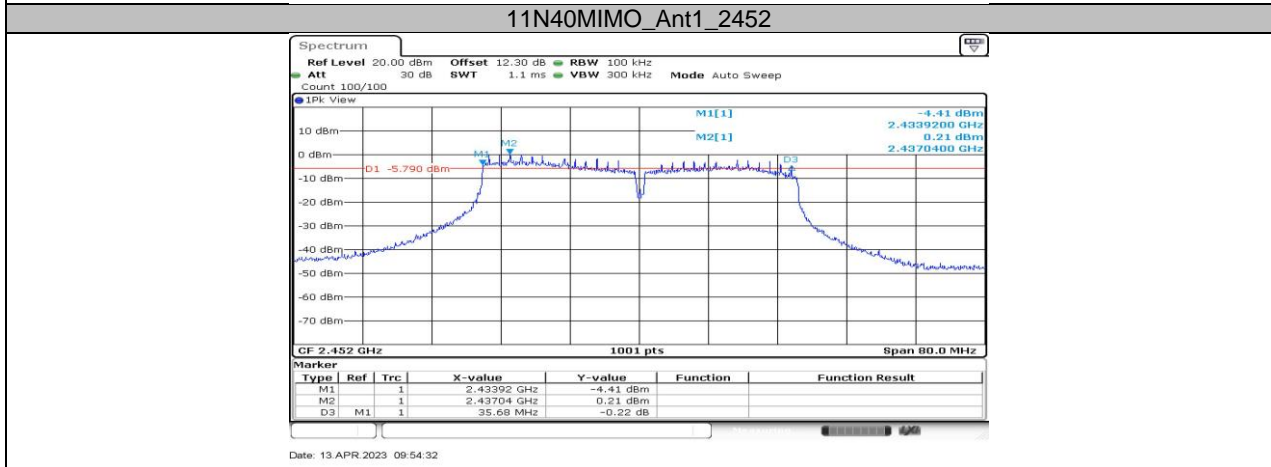
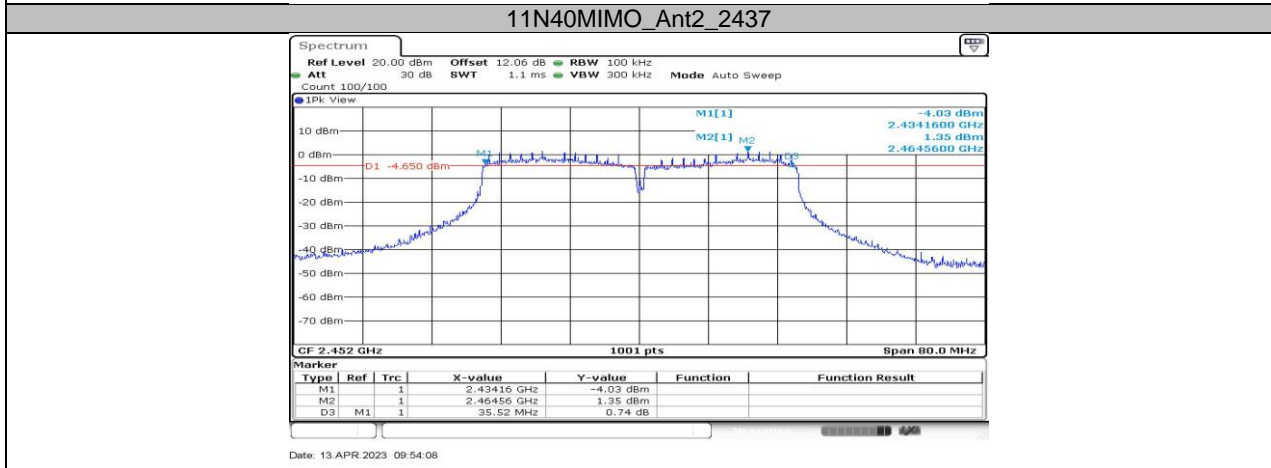
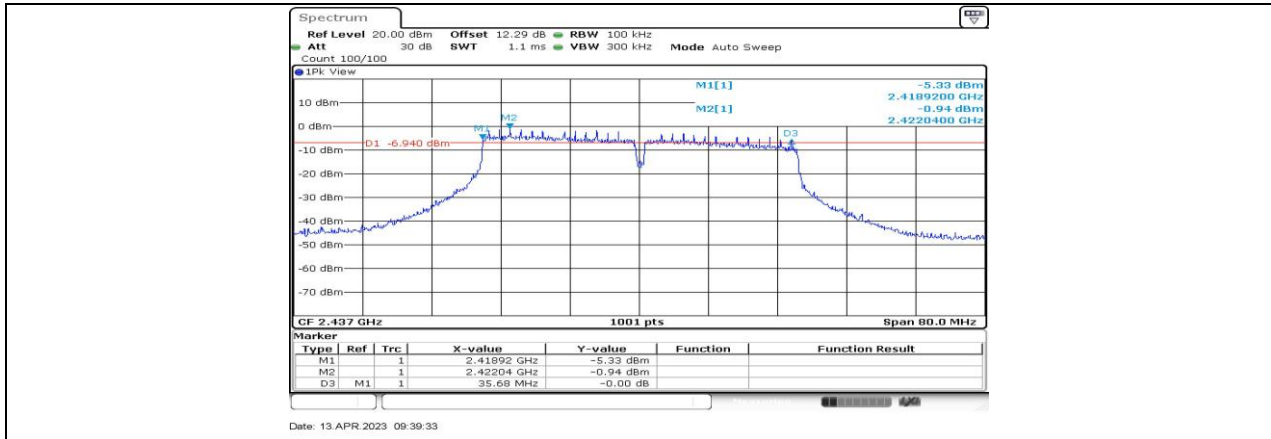
11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



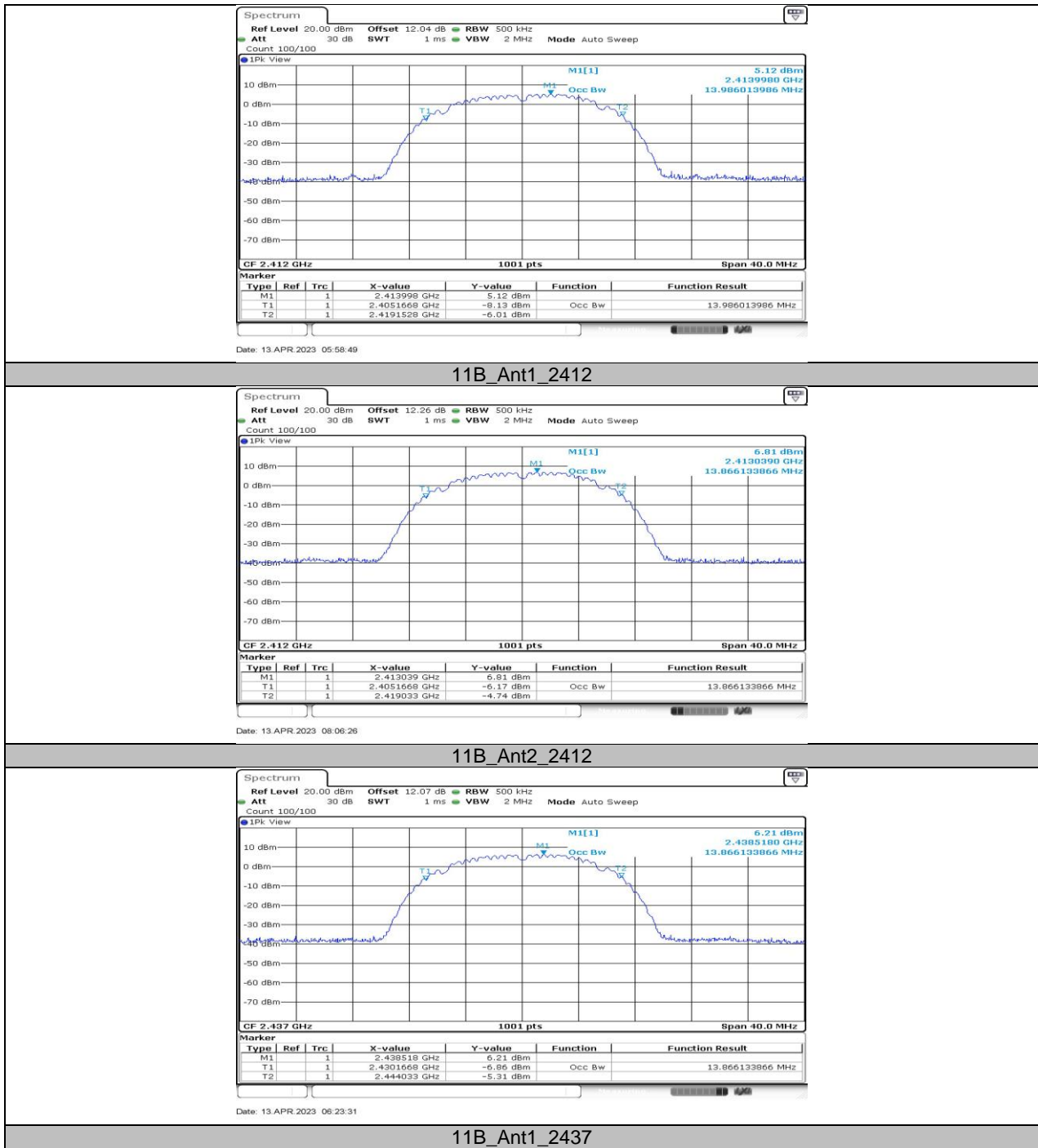
11N40MIMO_Ant2_2452

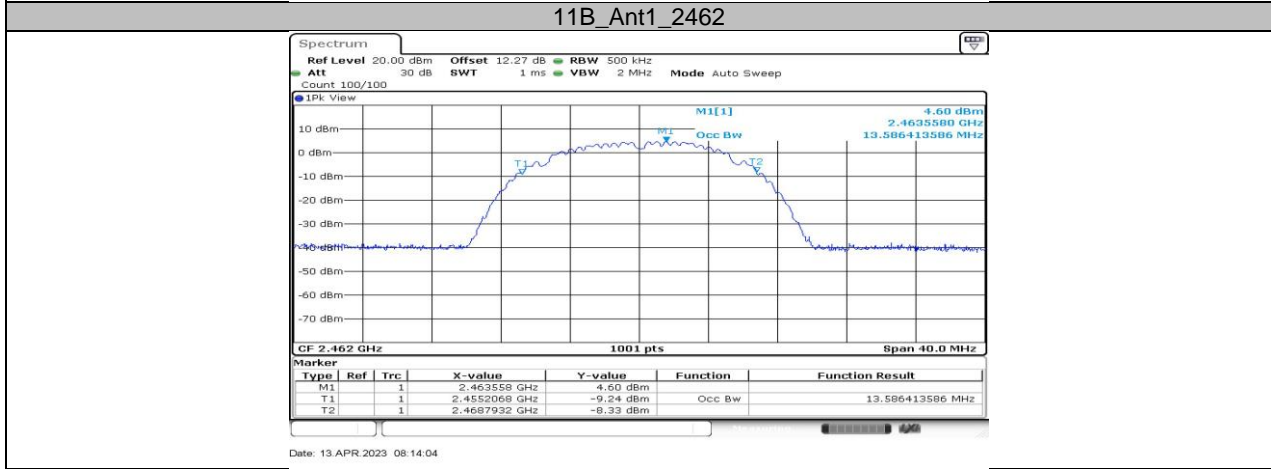
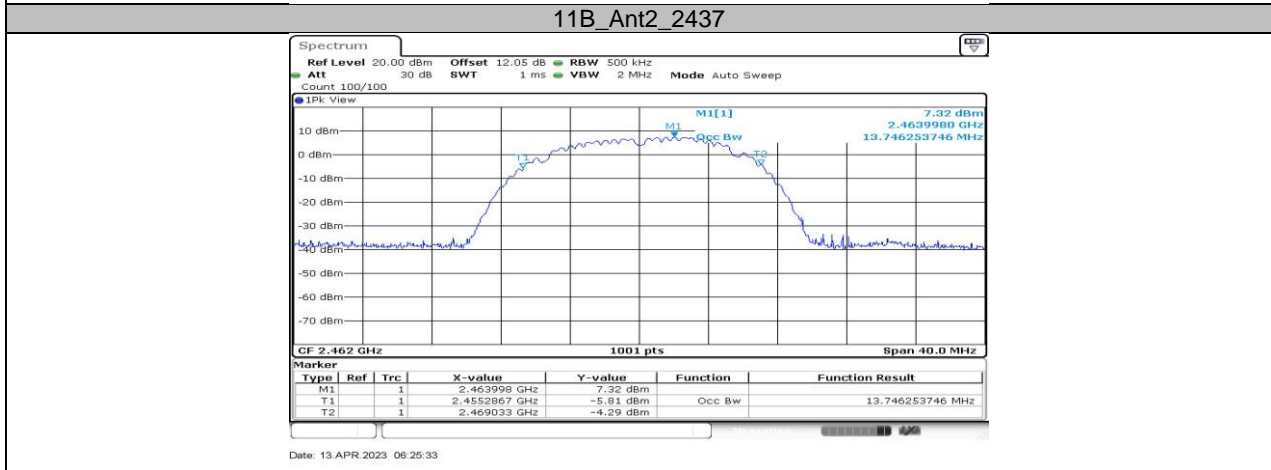
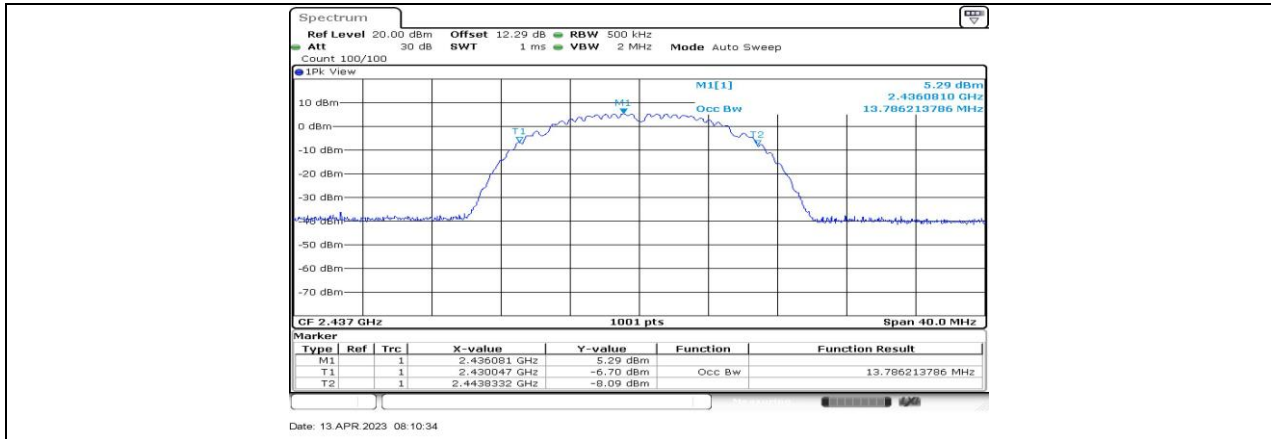
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

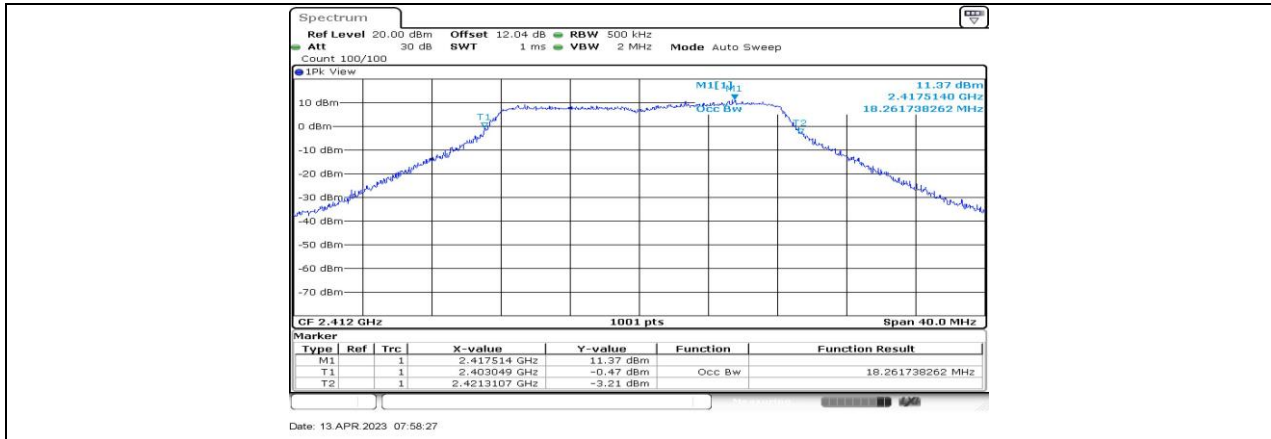
11.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	13.986	2405.1668	2419.1528	PASS
	Ant2	2412	13.866	2405.1668	2419.0330	PASS
	Ant1	2437	13.866	2430.1668	2444.0330	PASS
	Ant2	2437	13.786	2430.0470	2443.8332	PASS
	Ant1	2462	13.746	2455.2867	2469.0330	PASS
	Ant2	2462	13.586	2455.2068	2468.7932	PASS
11G	Ant1	2412	18.262	2403.0490	2421.3107	PASS
	Ant2	2412	17.942	2403.0889	2421.0310	PASS
	Ant1	2437	17.942	2428.0889	2446.0310	PASS
	Ant2	2437	17.782	2427.9291	2445.7113	PASS
	Ant1	2462	17.742	2453.1289	2470.8711	PASS
	Ant2	2462	17.582	2453.0490	2470.6314	PASS
11N20MIMO	Ant1	2412	18.981	2402.6893	2421.6703	PASS
	Ant2	2412	18.581	2402.7692	2421.3506	PASS
	Ant1	2437	18.861	2427.6494	2446.5105	PASS
	Ant2	2437	18.581	2427.6094	2446.1908	PASS
	Ant1	2462	18.541	2452.7293	2471.2707	PASS
	Ant2	2462	18.302	2452.7692	2471.0709	PASS
11N40MIMO	Ant1	2422	37.962	2403.3786	2441.3407	PASS
	Ant2	2422	37.562	2403.2188	2440.7812	PASS
	Ant1	2437	37.802	2418.0589	2455.8611	PASS
	Ant2	2437	37.802	2417.6593	2455.4615	PASS
	Ant1	2452	37.642	2433.0589	2470.7013	PASS
	Ant2	2452	37.802	2432.4995	2470.3017	PASS

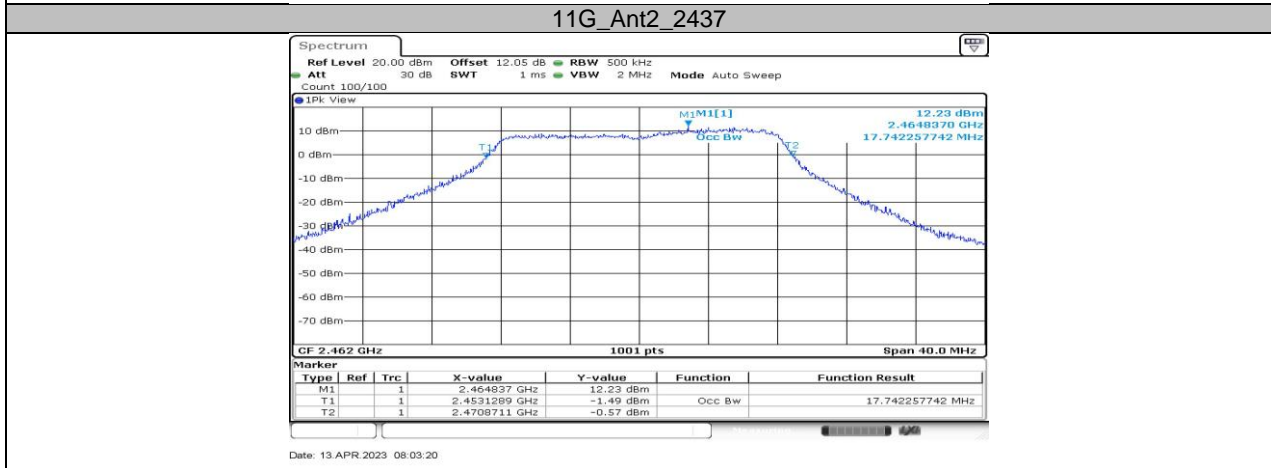
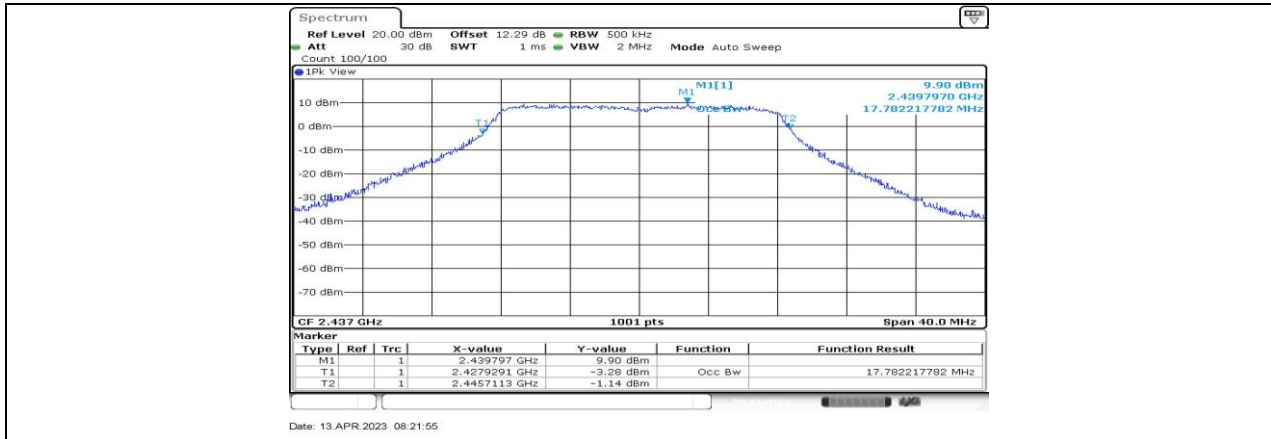
11.2.2. Test Graphs

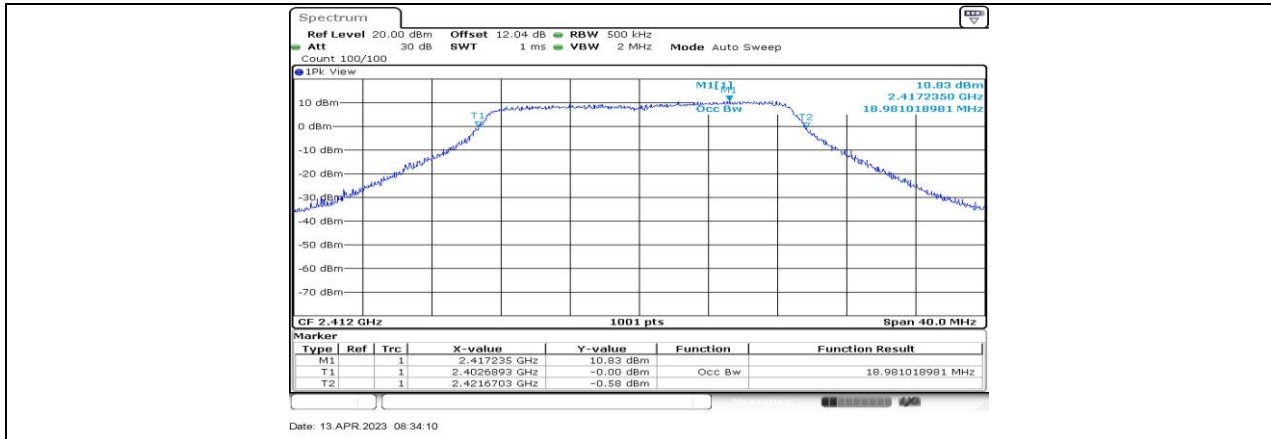




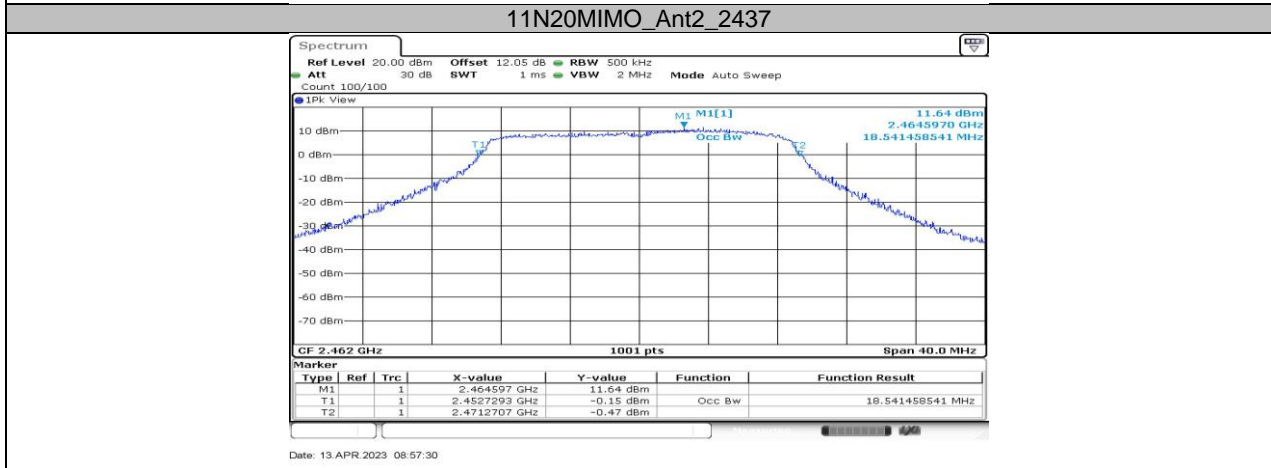
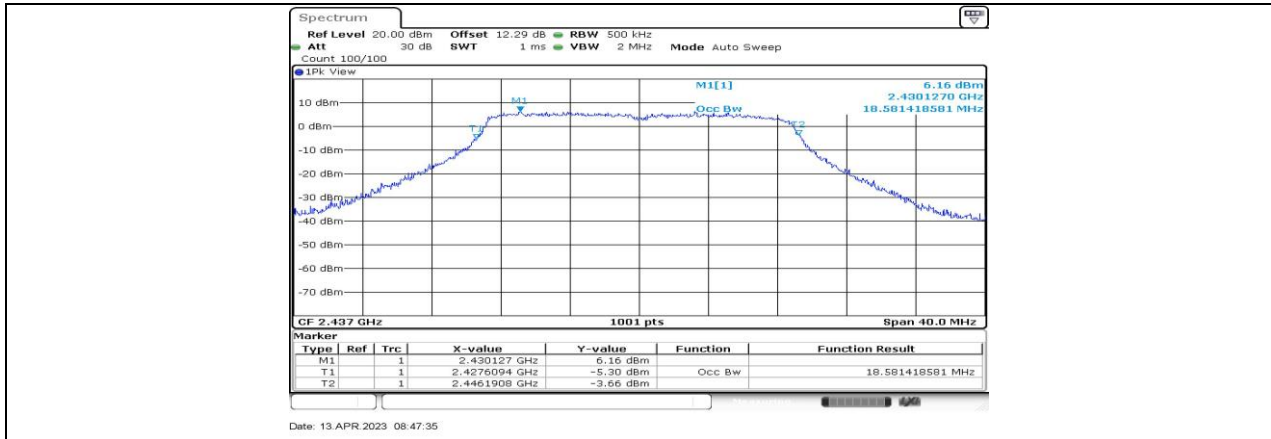


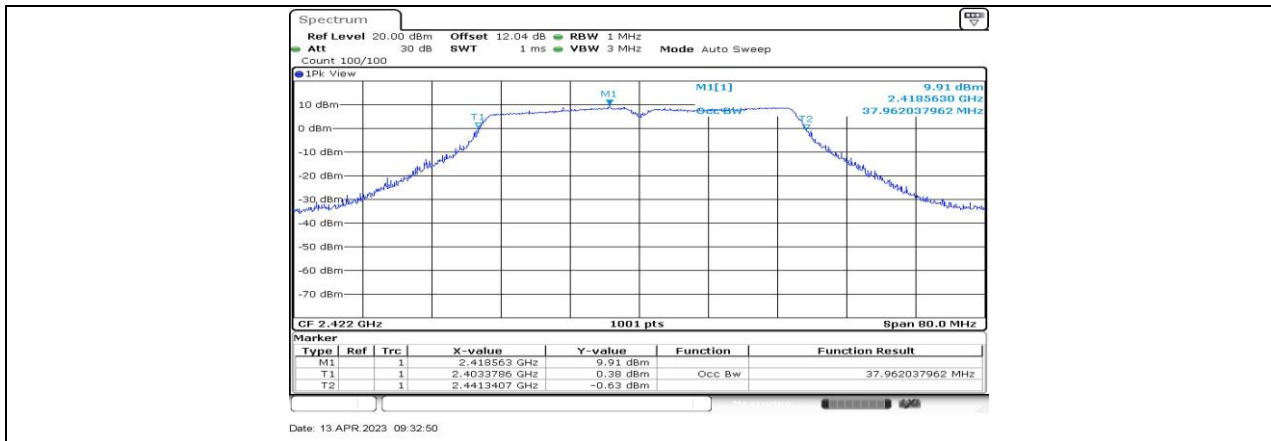
11G_Ant1_2437



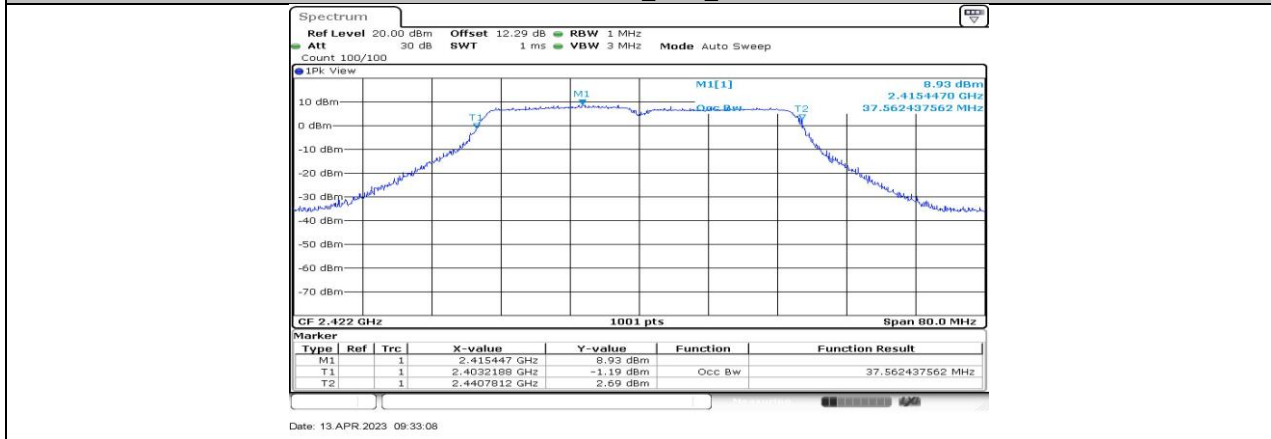


11N20MIMO_Ant1_2437

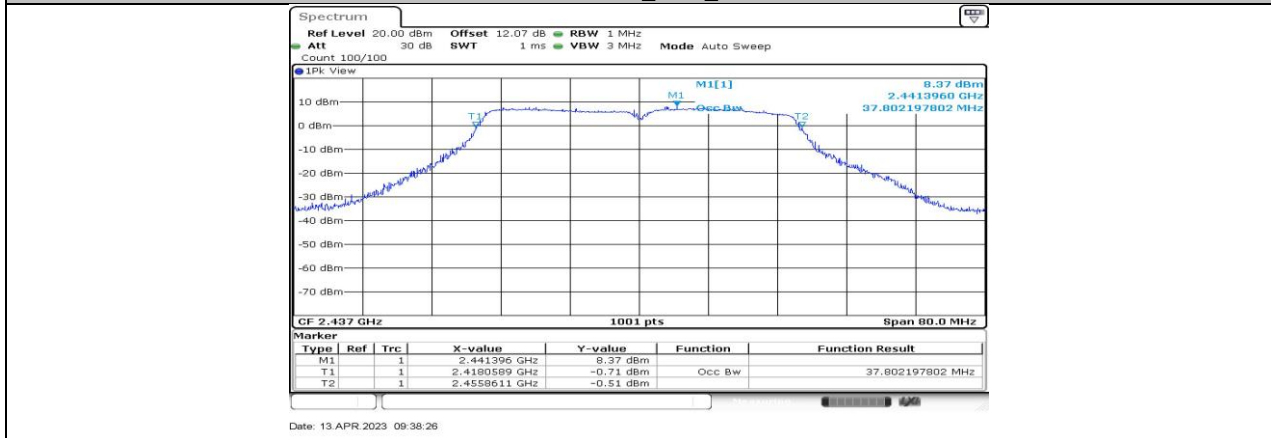




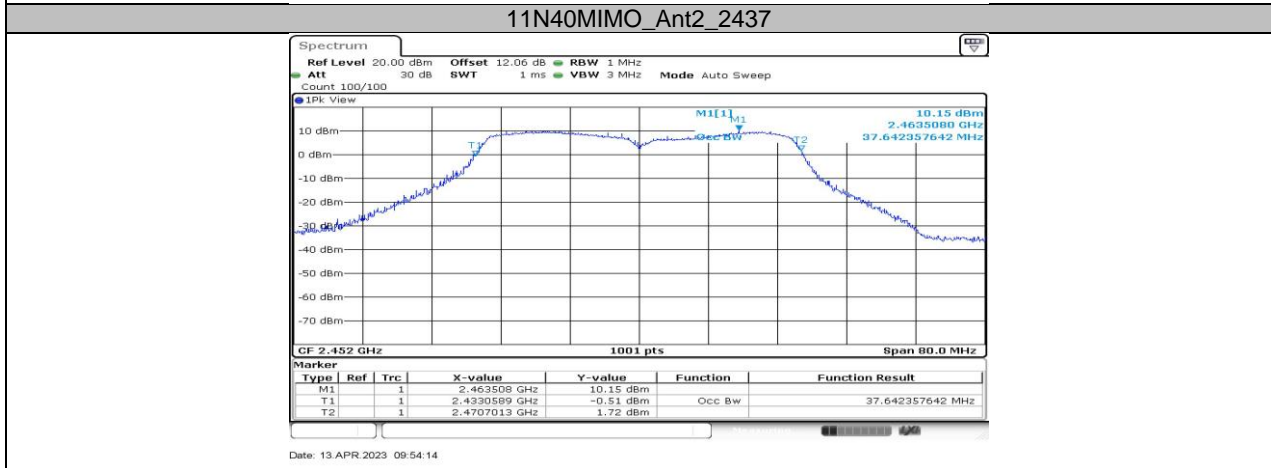
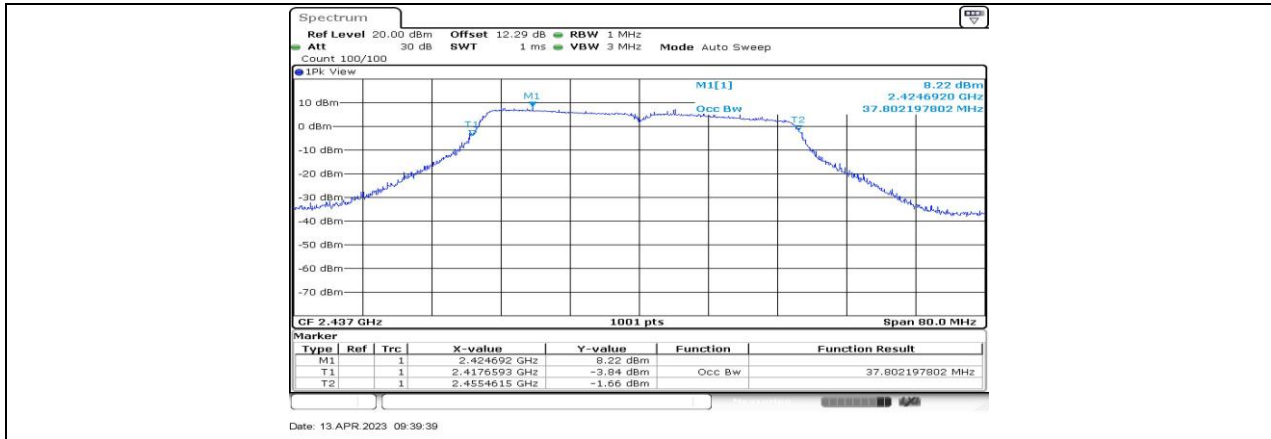
11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.05	≤30.00	PASS
	Ant2	2412	17.26	≤30.00	PASS
	Ant1	2437	16.54	≤30.00	PASS
	Ant2	2437	17.00	≤30.00	PASS
	Ant1	2462	17.11	≤30.00	PASS
	Ant2	2462	17.24	≤30.00	PASS
11G	Ant1	2412	17.68	≤30.00	PASS
	Ant2	2412	17.99	≤30.00	PASS
	Ant1	2437	16.84	≤30.00	PASS
	Ant2	2437	17.20	≤30.00	PASS
	Ant1	2462	17.67	≤30.00	PASS
	Ant2	2462	17.74	≤30.00	PASS
11N20MIMO	Ant1	2412	16.34	≤30.00	PASS
	Ant2	2412	16.65	≤30.00	PASS
	total	2412	19.51	≤30.00	PASS
	Ant1	2437	16.61	≤30.00	PASS
	Ant2	2437	15.76	≤30.00	PASS
	total	2437	19.22	≤30.00	PASS
	Ant1	2462	17.14	≤30.00	PASS
	Ant2	2462	15.11	≤30.00	PASS
total	2462	19.25	≤30.00	PASS	
11N40MIMO	Ant1	2422	16.10	≤30.00	PASS
	Ant2	2422	15.64	≤30.00	PASS
	total	2422	18.89	≤30.00	PASS
	Ant1	2437	16.22	≤30.00	PASS
	Ant2	2437	14.88	≤30.00	PASS
	total	2437	18.61	≤30.00	PASS
	Ant1	2452	16.42	≤30.00	PASS
	Ant2	2452	14.51	≤30.00	PASS
	total	2452	18.58	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

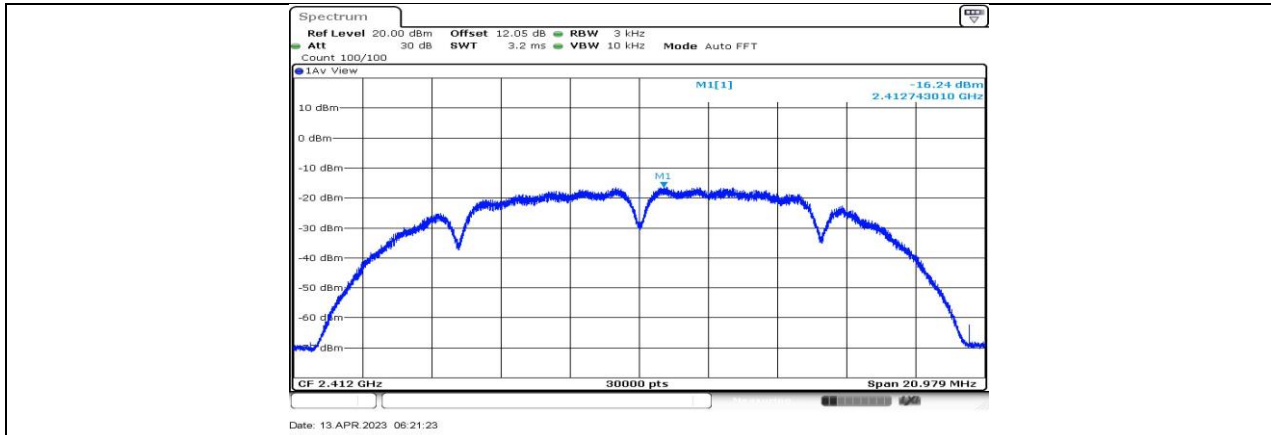
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

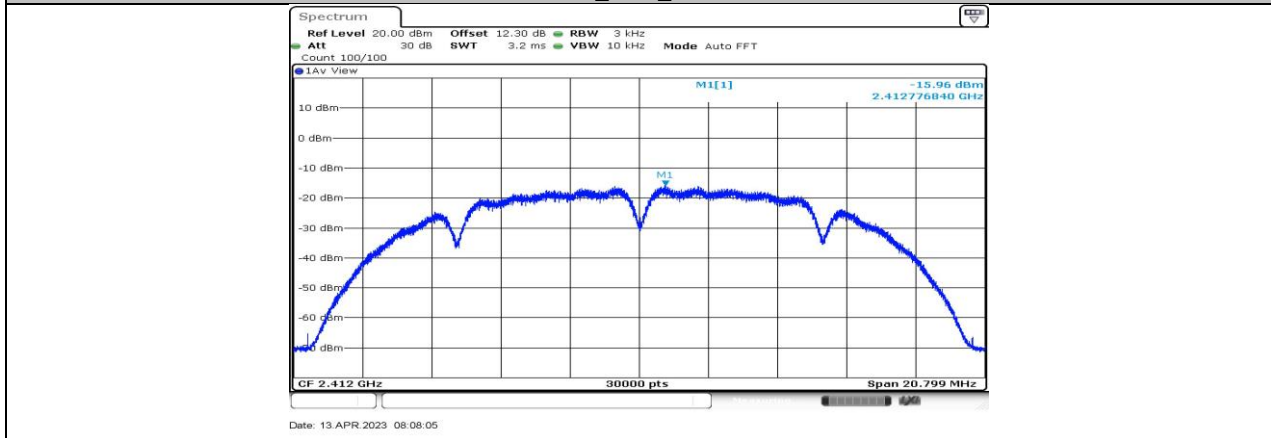
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.24	≤8.00	PASS
	Ant2	2412	-15.96	≤8.00	PASS
	Ant1	2437	-16.9	≤8.00	PASS
	Ant2	2437	-17.02	≤8.00	PASS
	Ant1	2462	-15.57	≤8.00	PASS
	Ant2	2462	-15.52	≤8.00	PASS
11G	Ant1	2412	-17.27	≤8.00	PASS
	Ant2	2412	-17.2	≤8.00	PASS
	Ant1	2437	-18.37	≤8.00	PASS
	Ant2	2437	-18.43	≤8.00	PASS
	Ant1	2462	-16.83	≤8.00	PASS
	Ant2	2462	-16.12	≤8.00	PASS
11N20MIMO	Ant1	2412	-17.92	≤8.00	PASS
	Ant2	2412	-18.53	≤8.00	PASS
	total	2412	-15.20	≤8.00	PASS
	Ant1	2437	-16.7	≤8.00	PASS
	Ant2	2437	-20.28	≤8.00	PASS
	total	2437	-15.12	≤8.00	PASS
	Ant1	2462	-17.93	≤8.00	PASS
	Ant2	2462	-20.38	≤8.00	PASS
total	2462	-15.97	≤8.00	PASS	
11N40MIMO	Ant1	2422	-21.35	≤8.00	PASS
	Ant2	2422	-15.17	≤8.00	PASS
	total	2422	-14.23	≤8.00	PASS
	Ant1	2437	-16.27	≤8.00	PASS
	Ant2	2437	-22.11	≤8.00	PASS
	total	2437	-15.26	≤8.00	PASS
	Ant1	2452	-18.56	≤8.00	PASS
	Ant2	2452	-22.31	≤8.00	PASS
	total	2452	-17.03	≤8.00	PASS

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

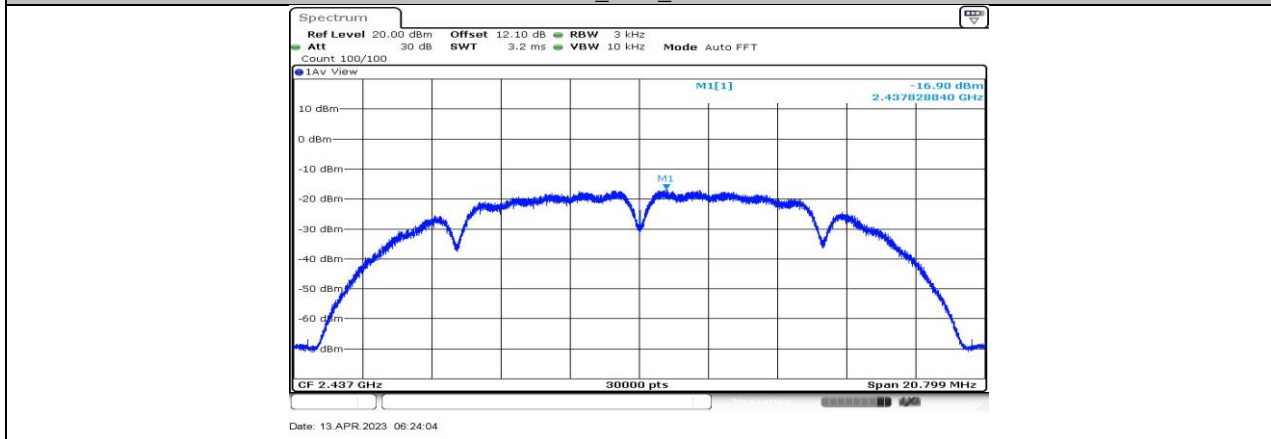
11.4.2. Test Graphs



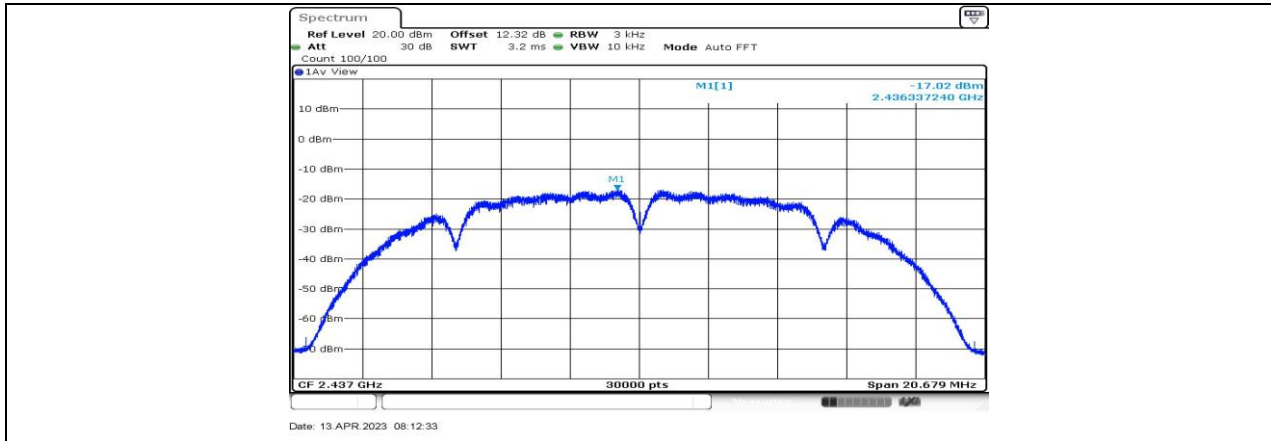
11B_Ant1_2412



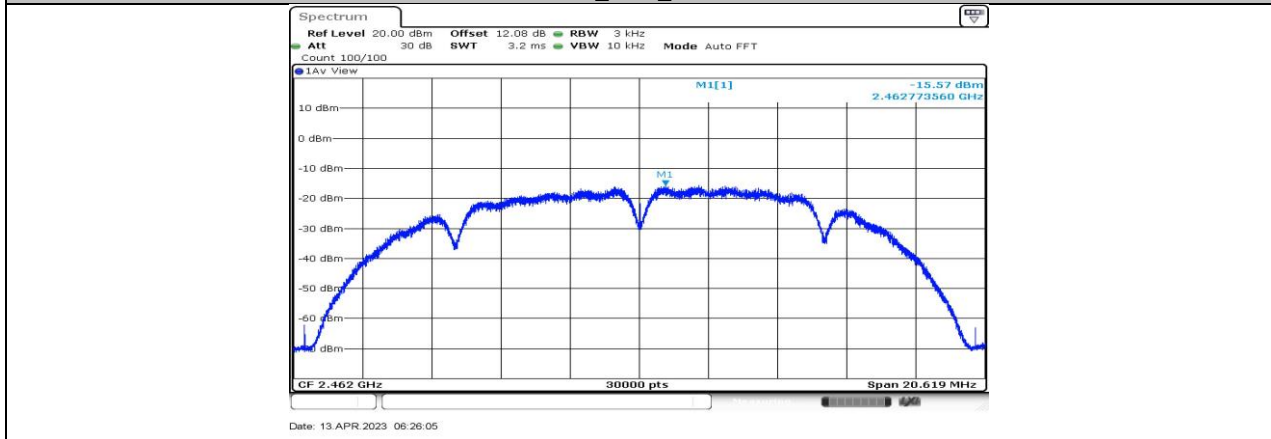
11B_Ant2_2412



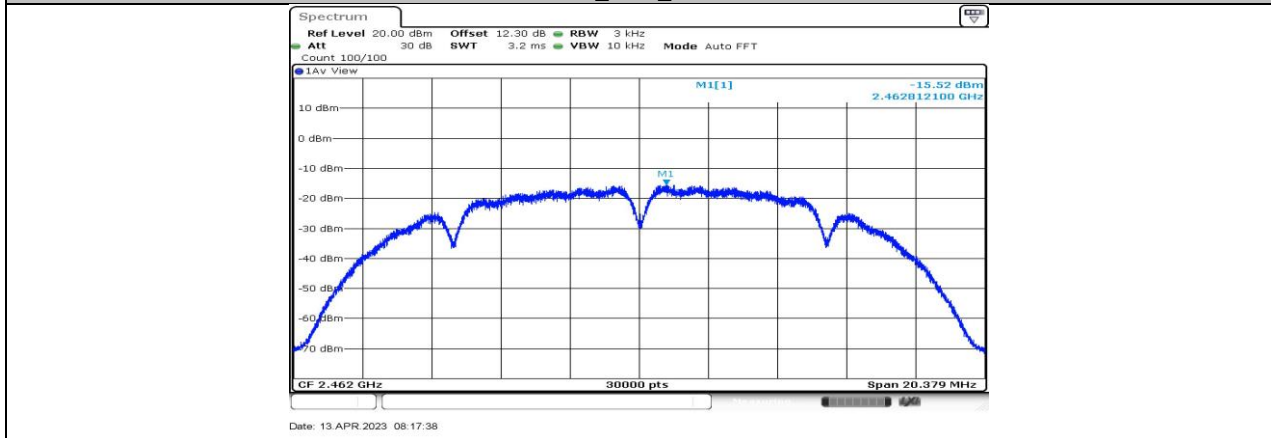
11B_Ant1_2437



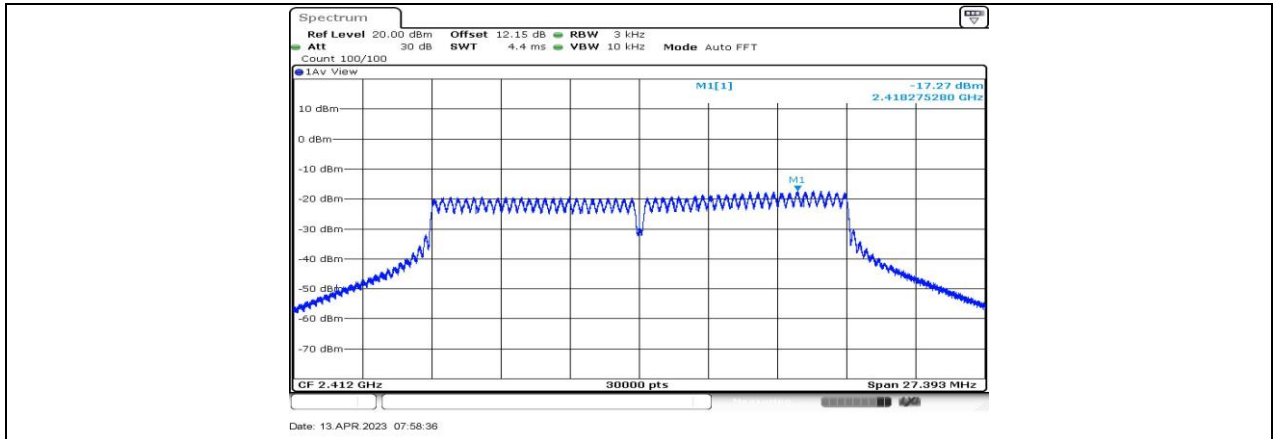
11B_Ant2_2437



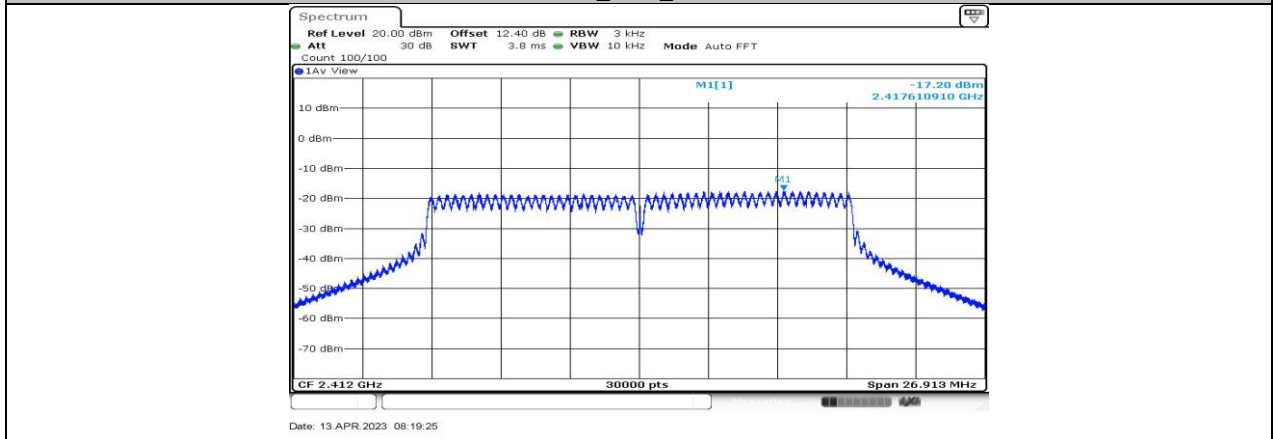
11B_Ant1_2462



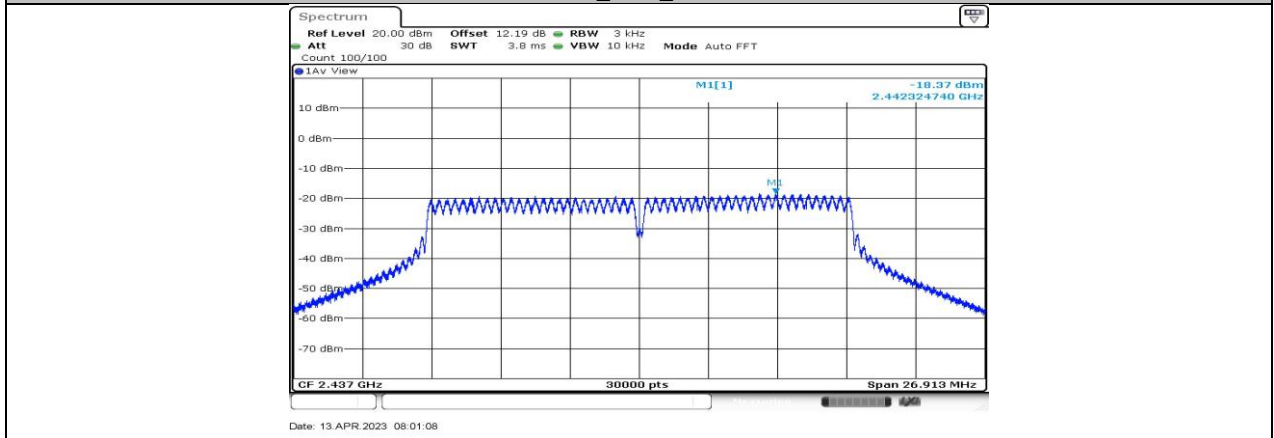
11B_Ant2_2462



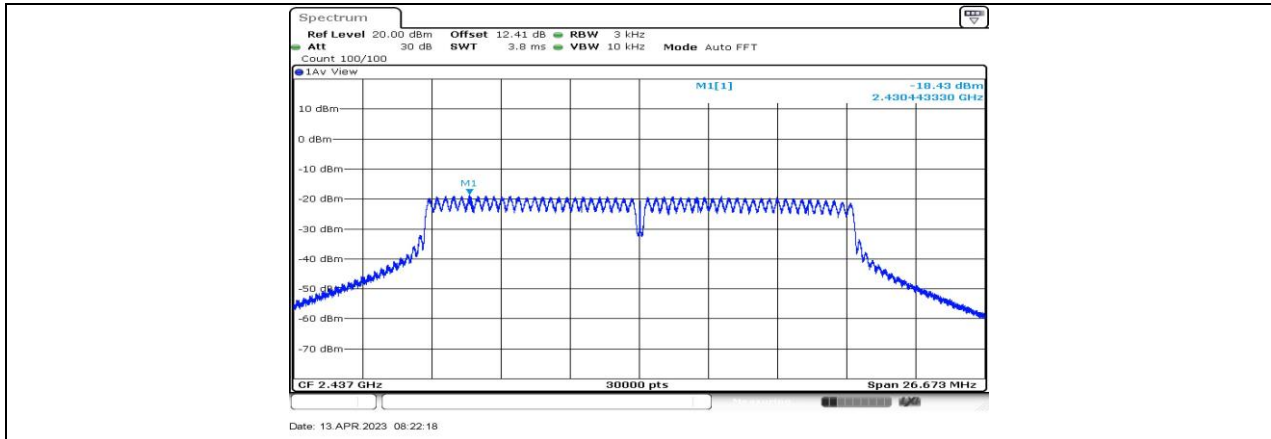
11G_Ant1_2412



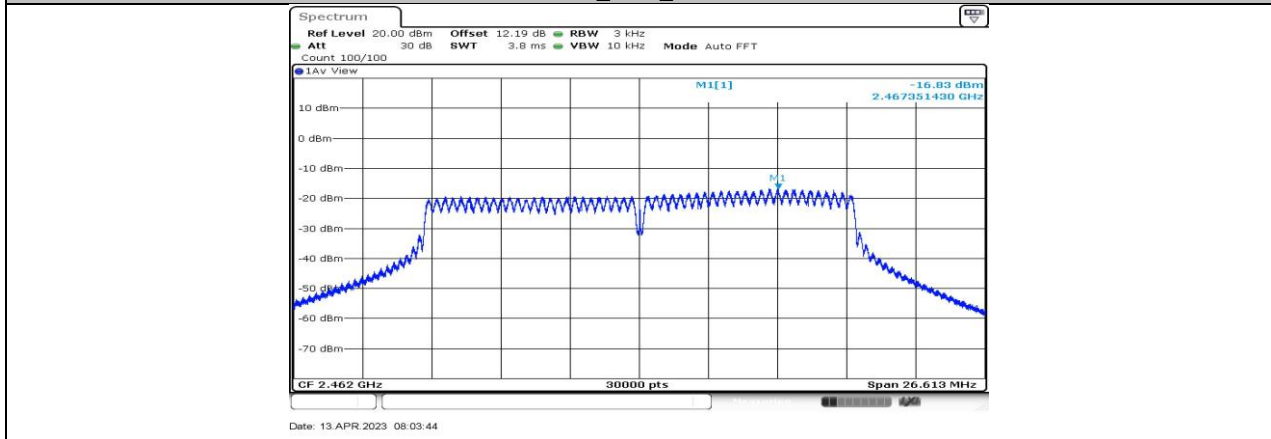
11G_Ant2_2412



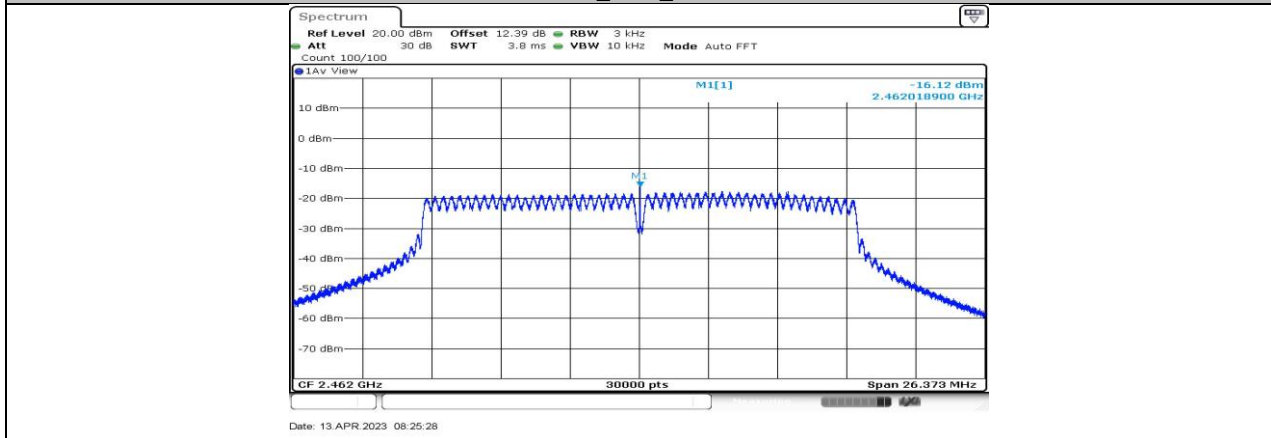
11G_Ant1_2437



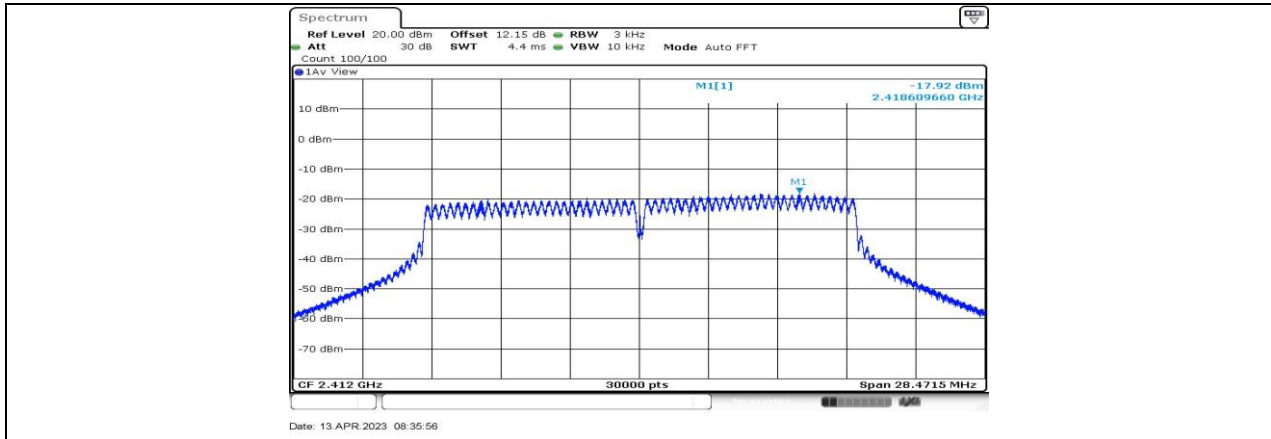
11G_Ant2_2437



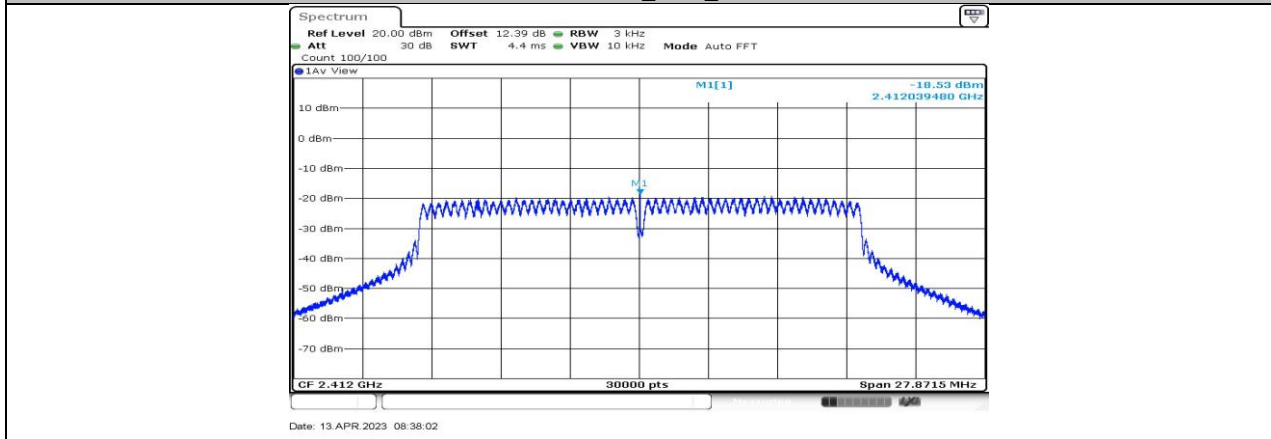
11G_Ant1_2462



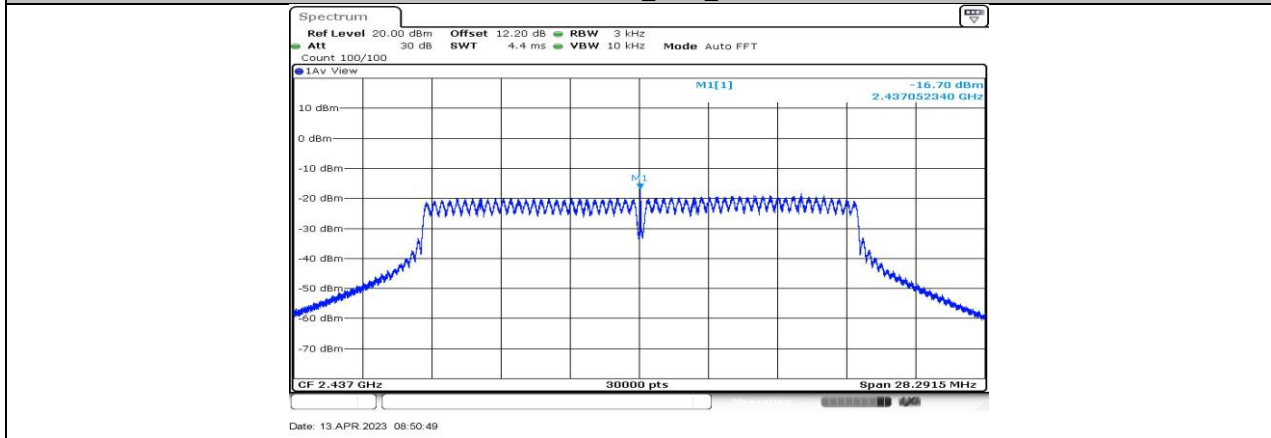
11G_Ant2_2462



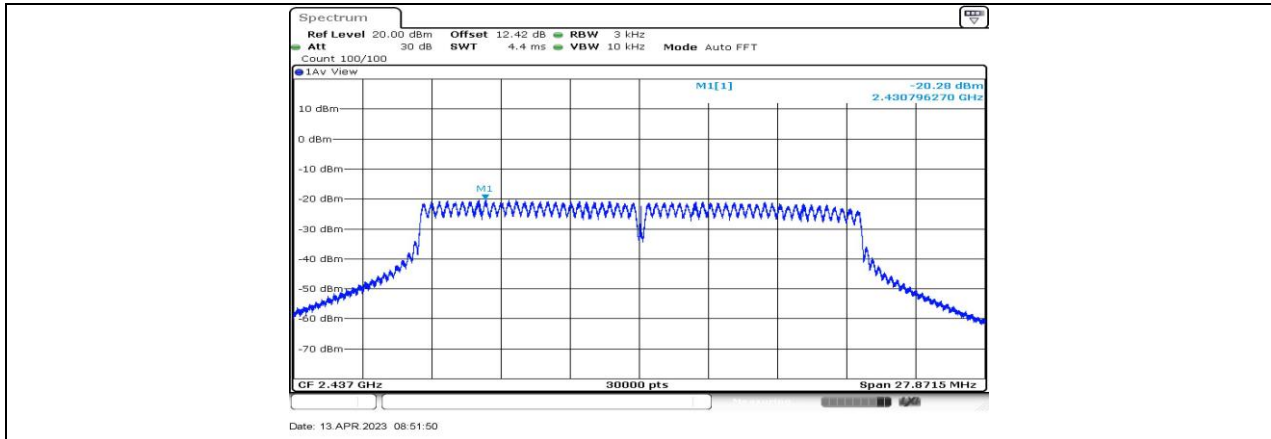
11N20MIMO_Ant1_2412



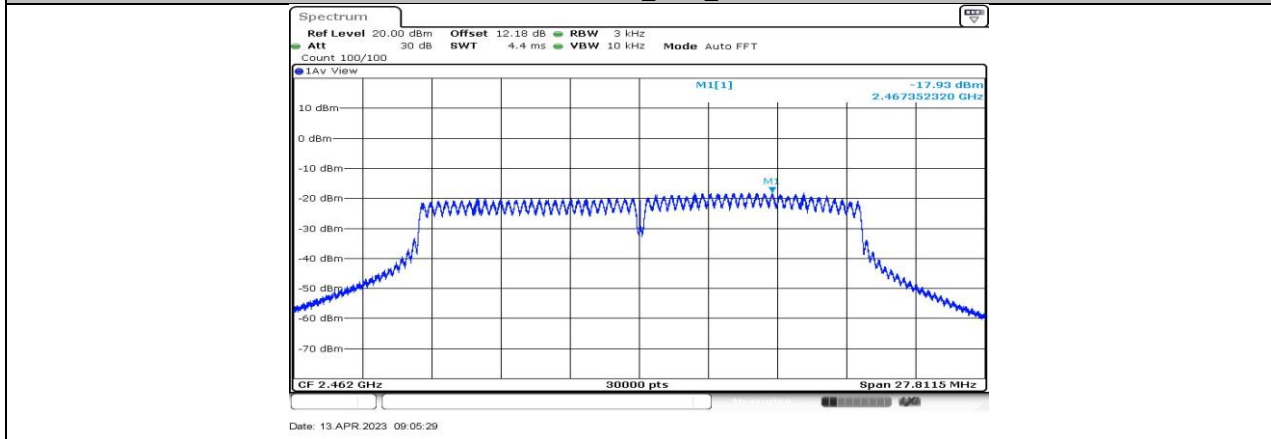
11N20MIMO_Ant2_2412



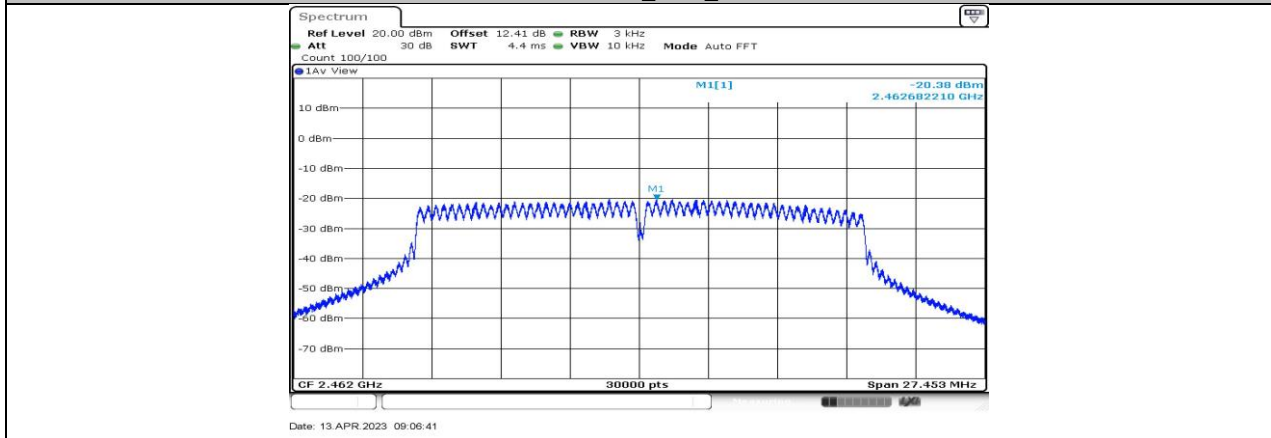
11N20MIMO_Ant1_2437



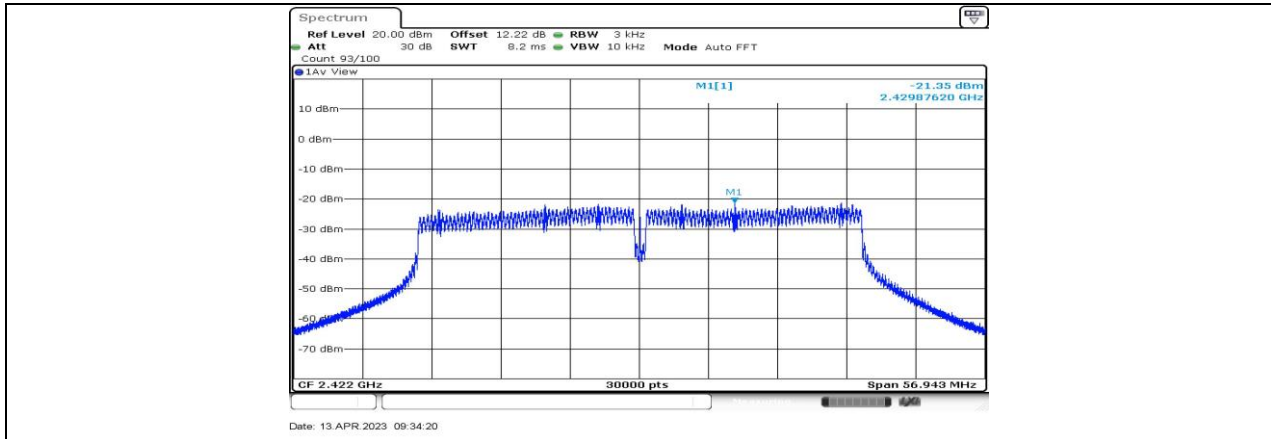
11N20MIMO_Ant2_2437



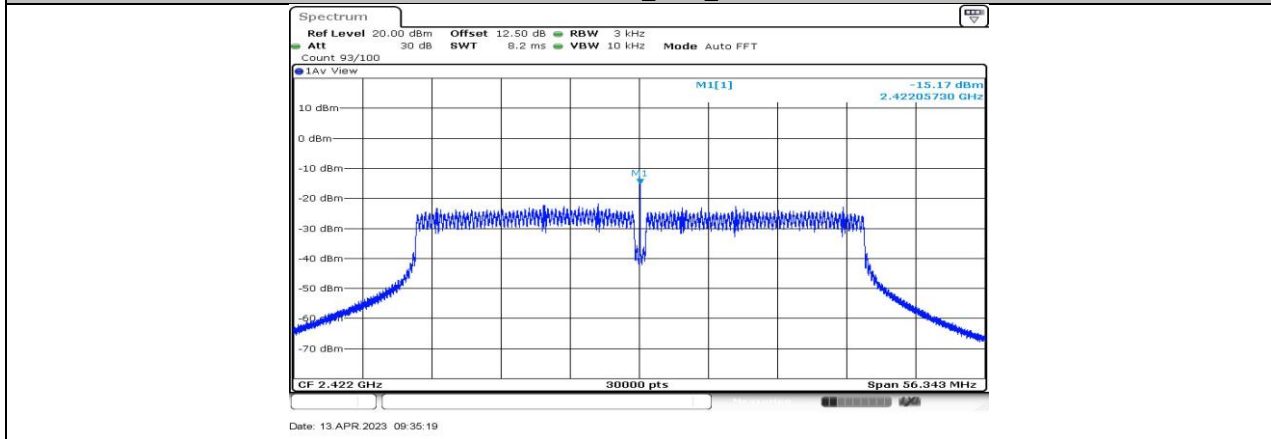
11N20MIMO_Ant1_2462



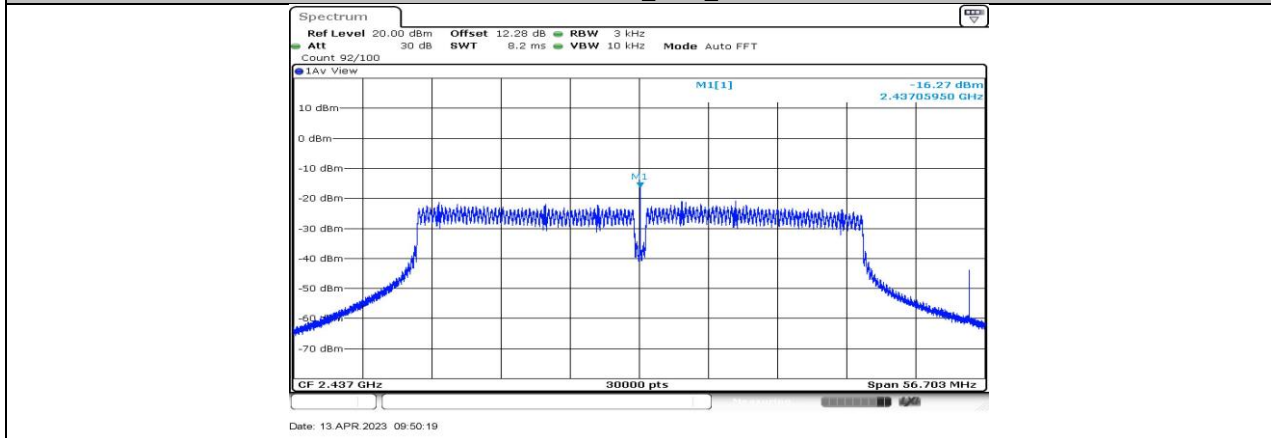
11N20MIMO_Ant2_2462



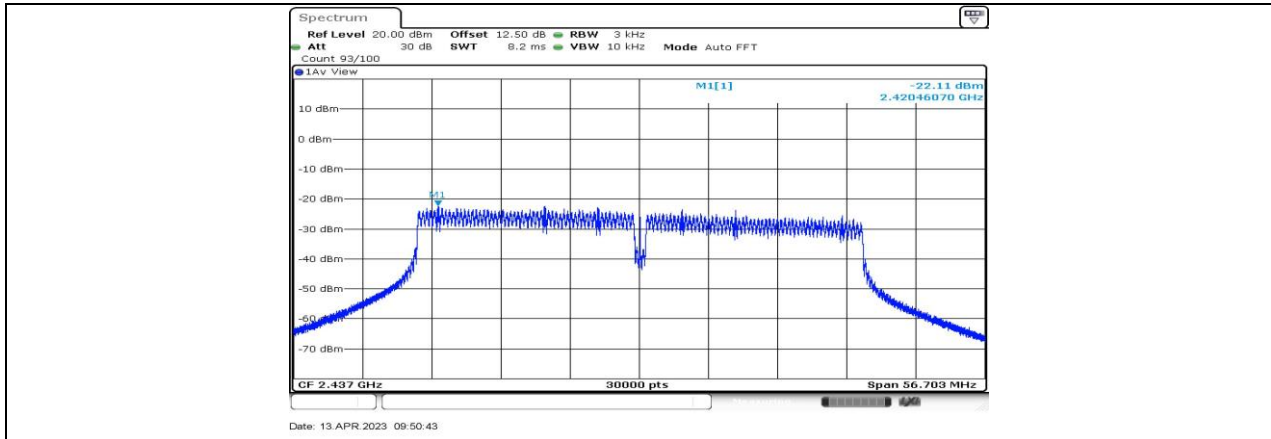
11N40MIMO_Ant1_2422



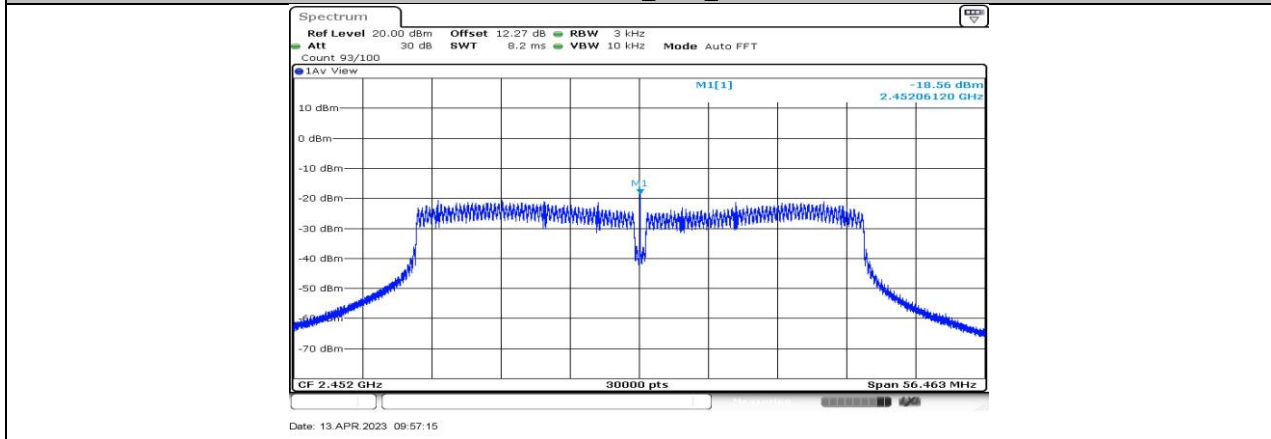
11N40MIMO_Ant2_2422



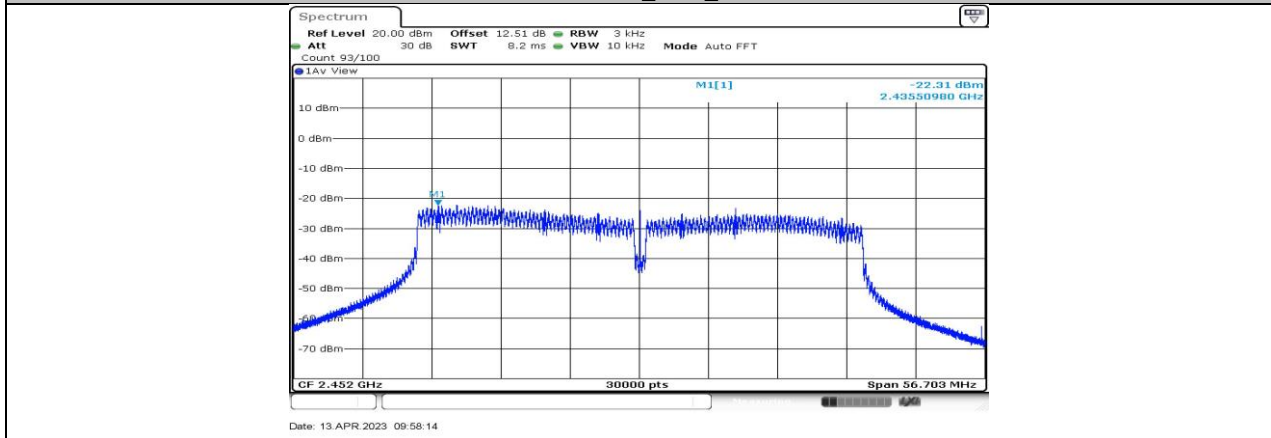
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



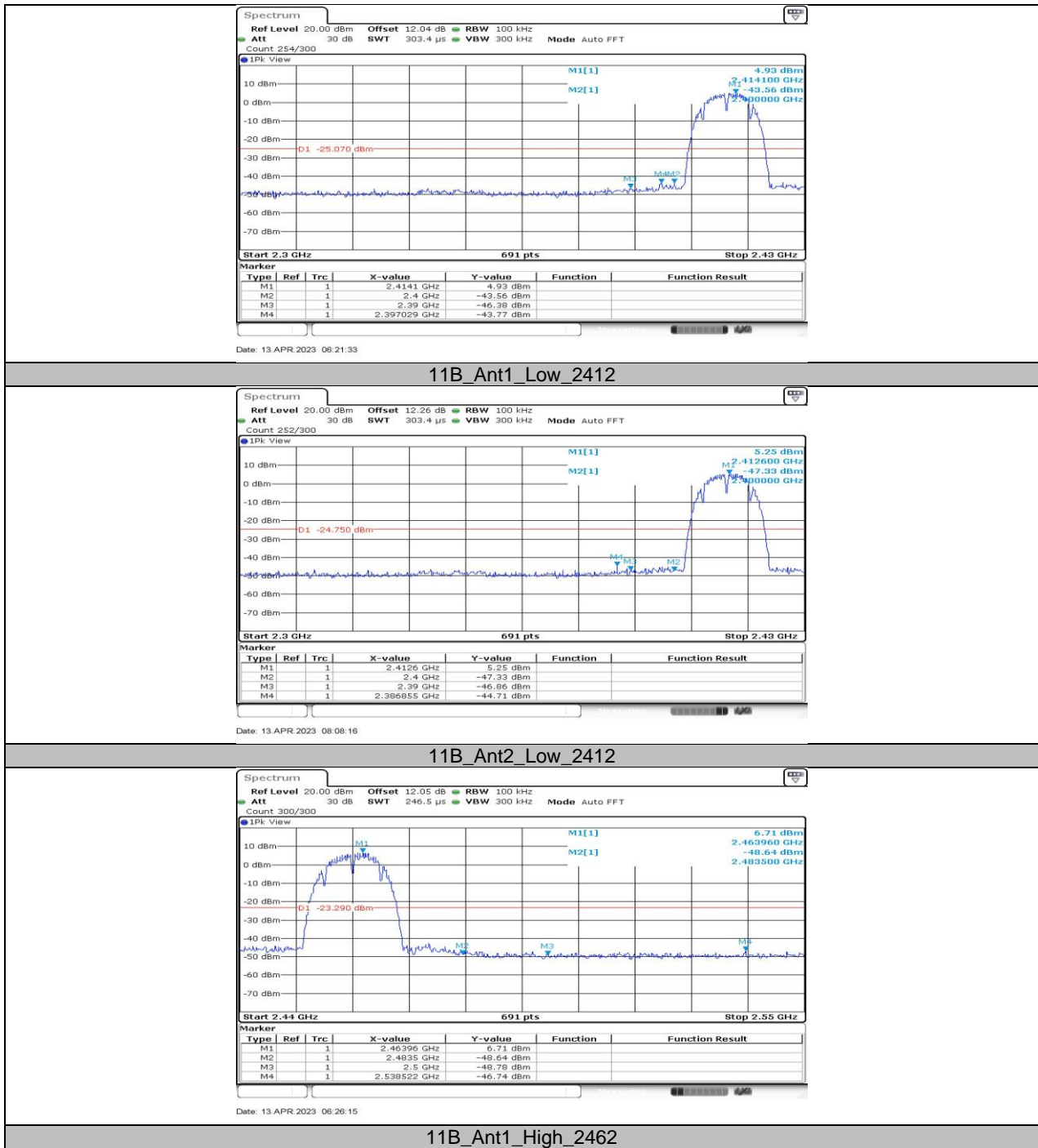
11N40MIMO_Ant2_2452

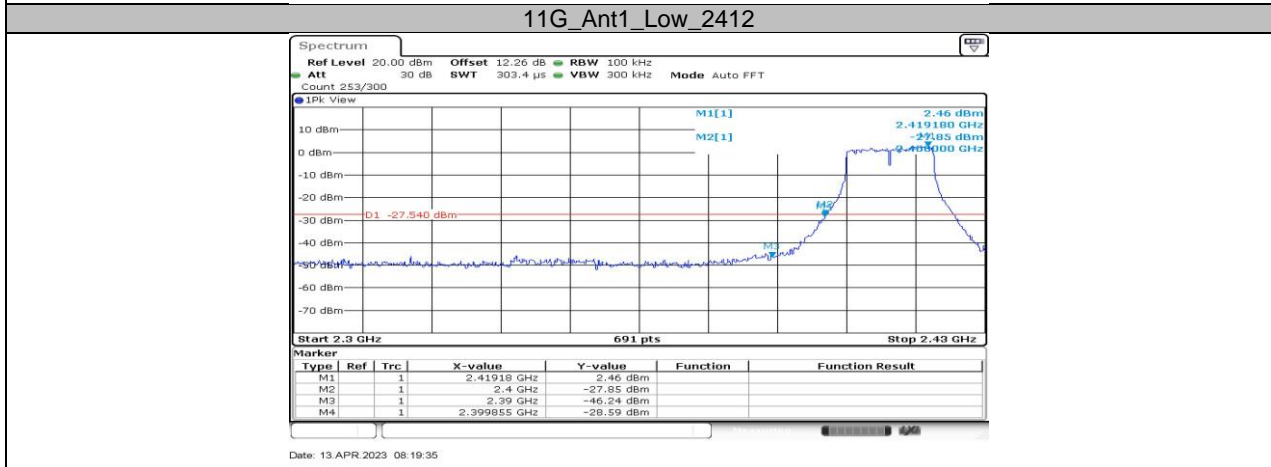
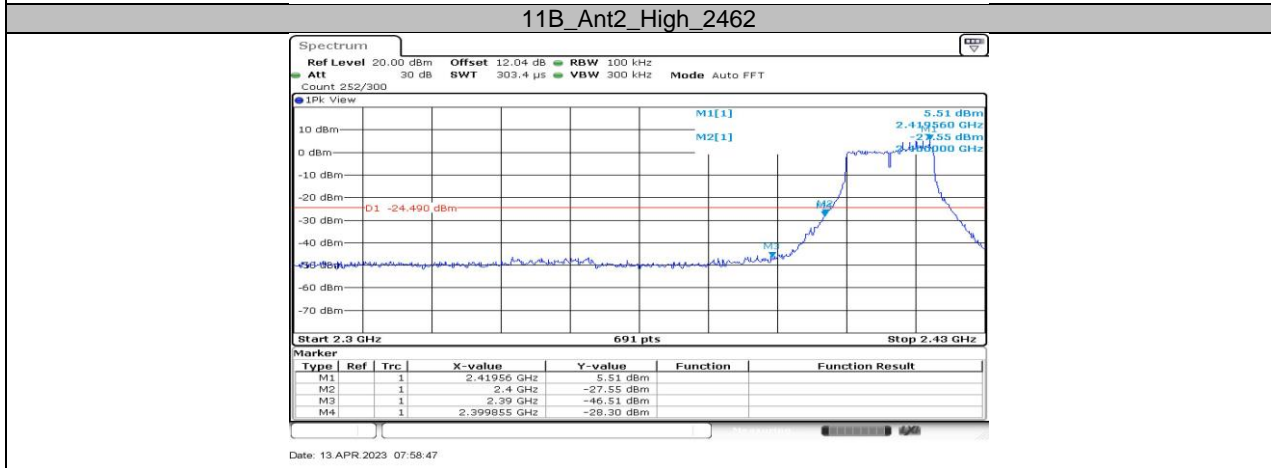
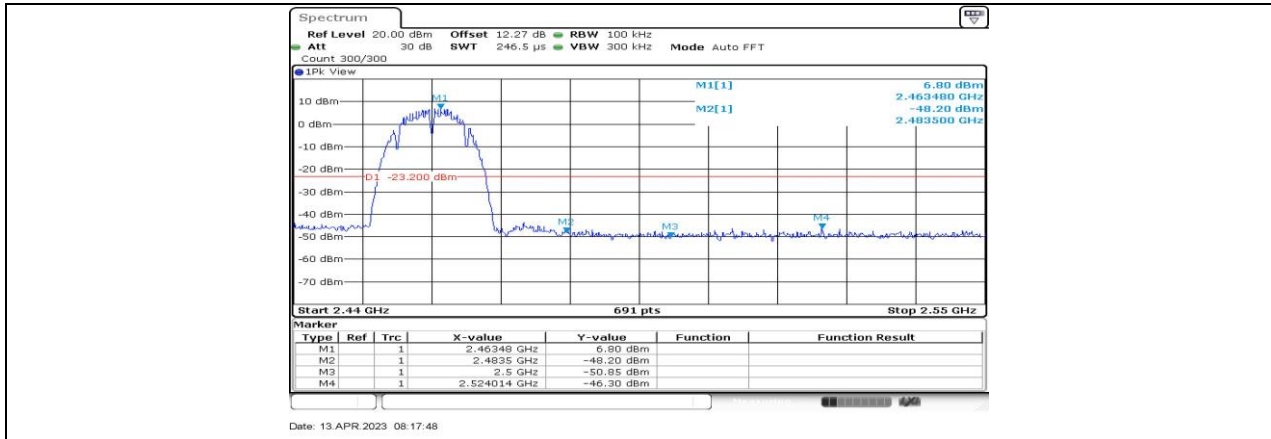
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

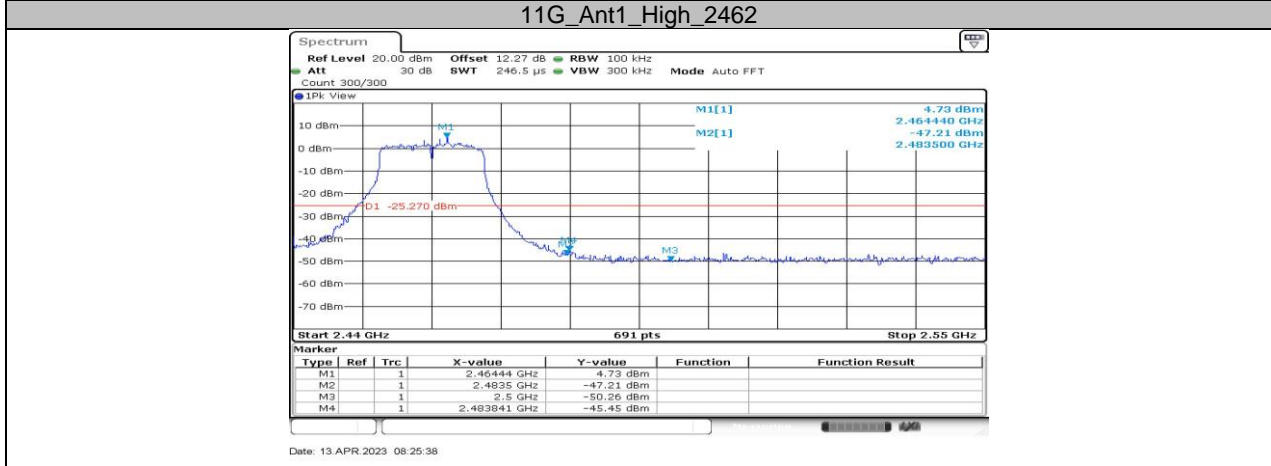
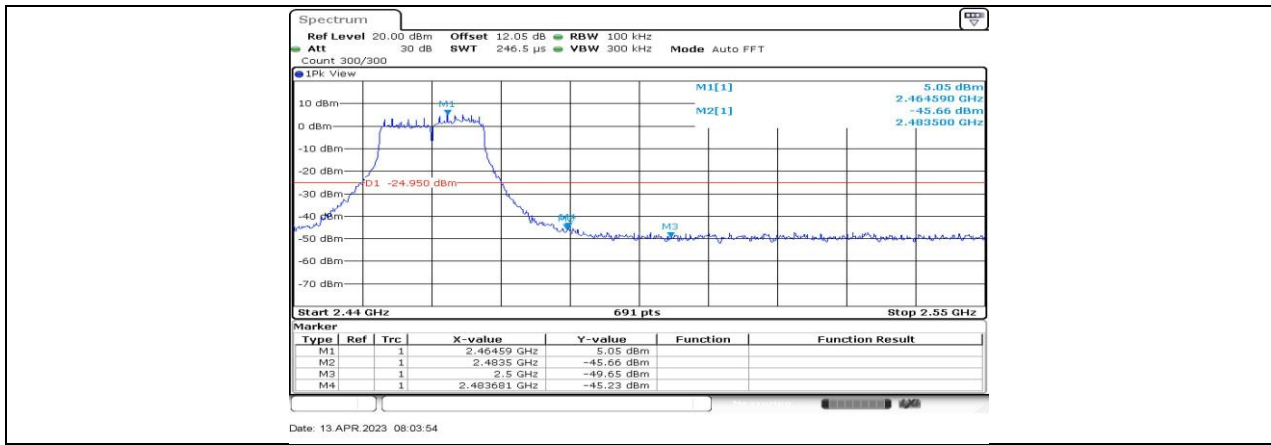
11.5.1. Test Result

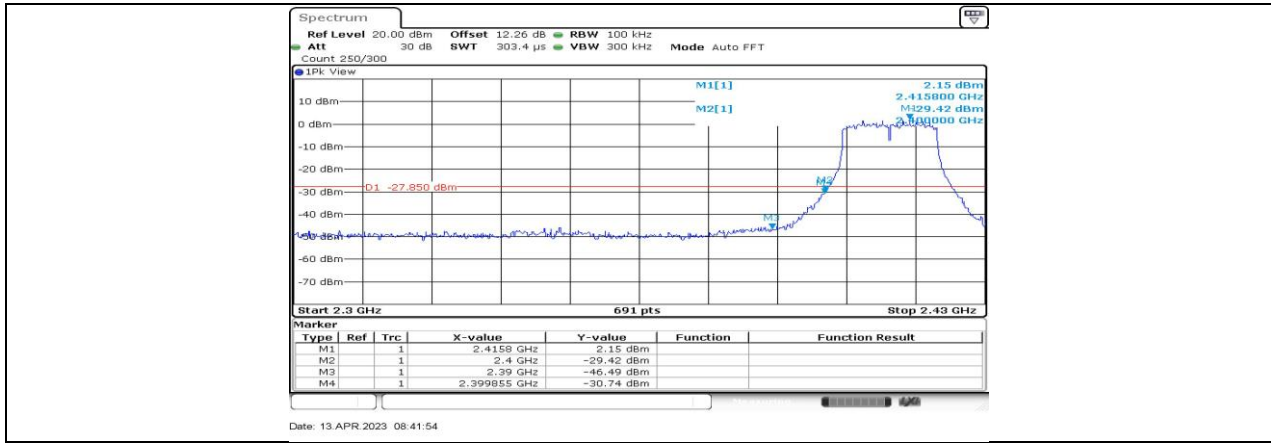
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.93	-43.77	≤-25.07	PASS
	Ant2	Low	2412	5.25	-44.71	≤-24.75	PASS
	Ant1	High	2462	6.71	-46.74	≤-23.29	PASS
	Ant2	High	2462	6.80	-46.3	≤-23.2	PASS
11G	Ant1	Low	2412	5.51	-28.3	≤-24.49	PASS
	Ant2	Low	2412	2.46	-28.59	≤-27.54	PASS
	Ant1	High	2462	5.05	-45.23	≤-24.95	PASS
	Ant2	High	2462	4.73	-45.45	≤-25.27	PASS
11N20MIMO	Ant1	Low	2412	2.45	-29.41	≤-27.55	PASS
	Ant2	Low	2412	2.15	-30.74	≤-27.85	PASS
	Ant1	High	2462	5.47	-44.15	≤-24.53	PASS
	Ant2	High	2462	1.52	-46.51	≤-28.48	PASS
11N40MIMO	Ant1	Low	2422	0.56	-31.23	≤-29.44	PASS
	Ant2	Low	2422	0.16	-31.78	≤-29.84	PASS
	Ant1	High	2452	1.56	-45.31	≤-28.44	PASS
	Ant2	High	2452	-0.04	-45.15	≤-30.04	PASS

11.5.2. Test Graphs

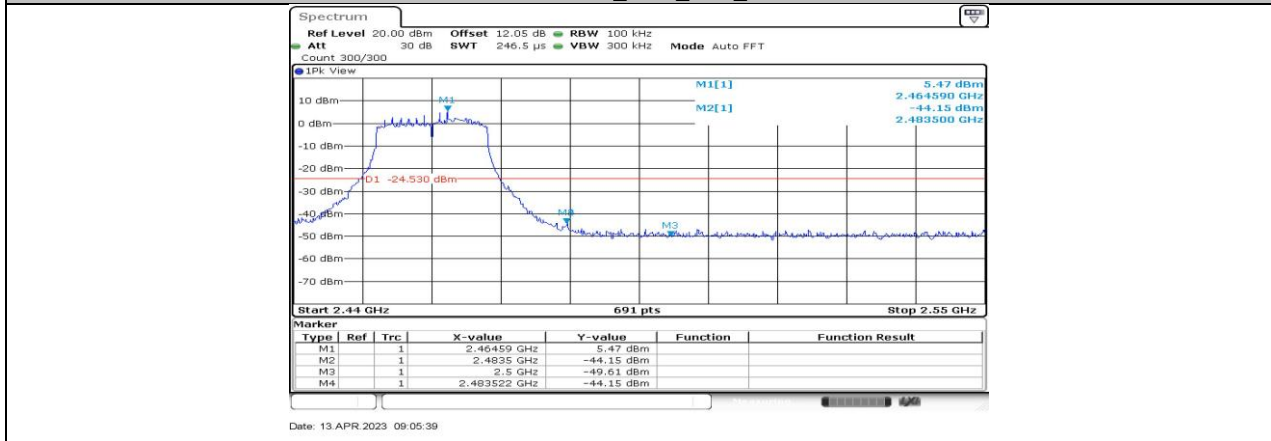




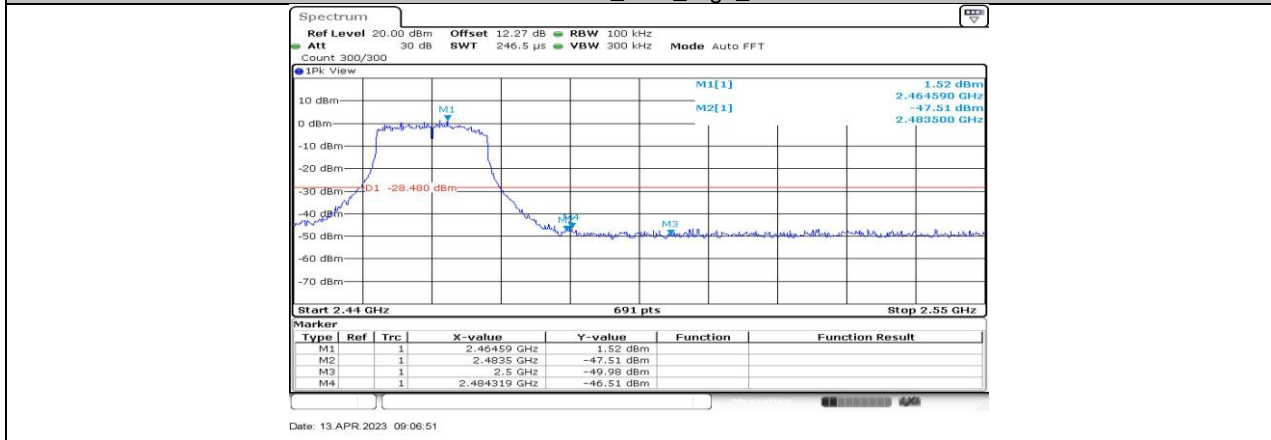




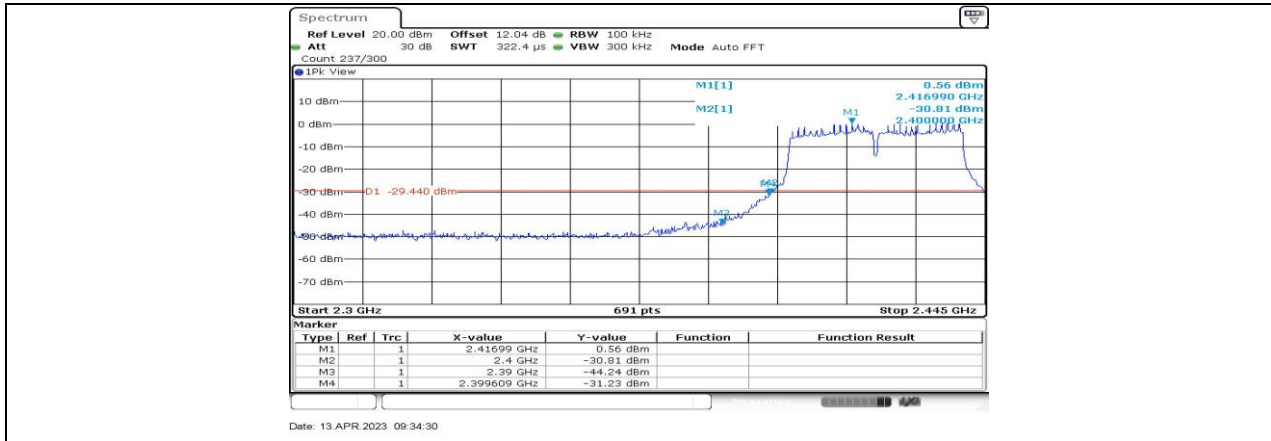
11N20MIMO_Ant2_Low_2412



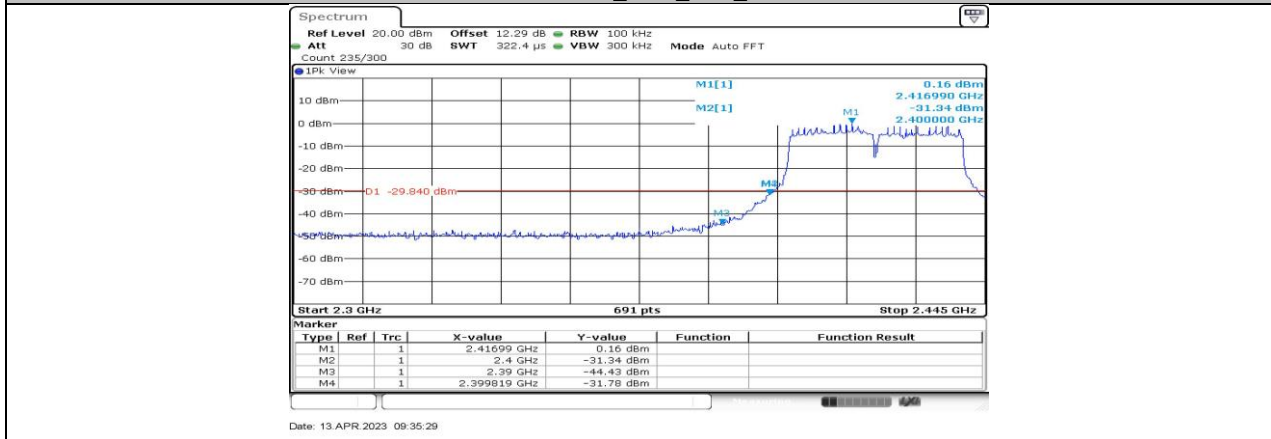
11N20MIMO_Ant1_High_2462



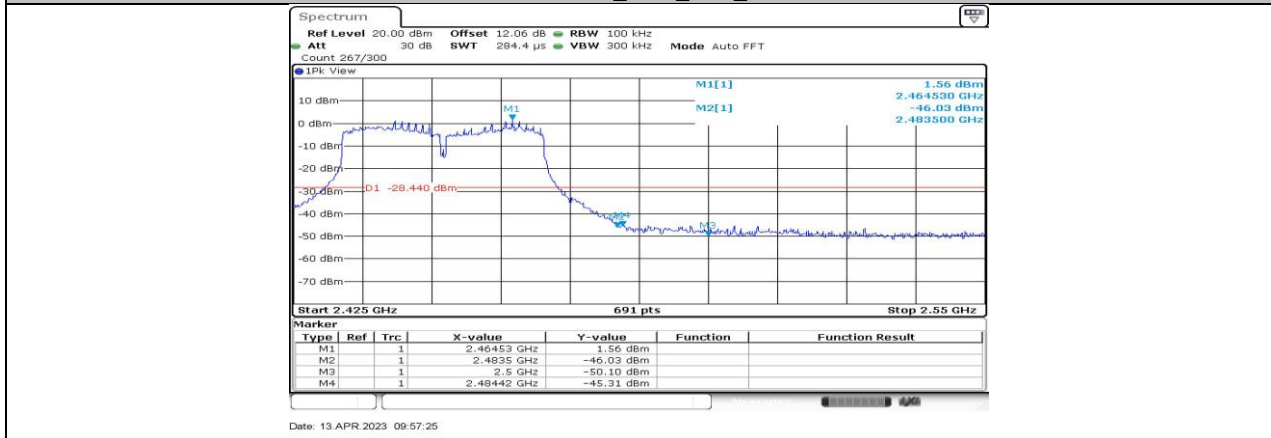
11N20MIMO_Ant2_High_2462



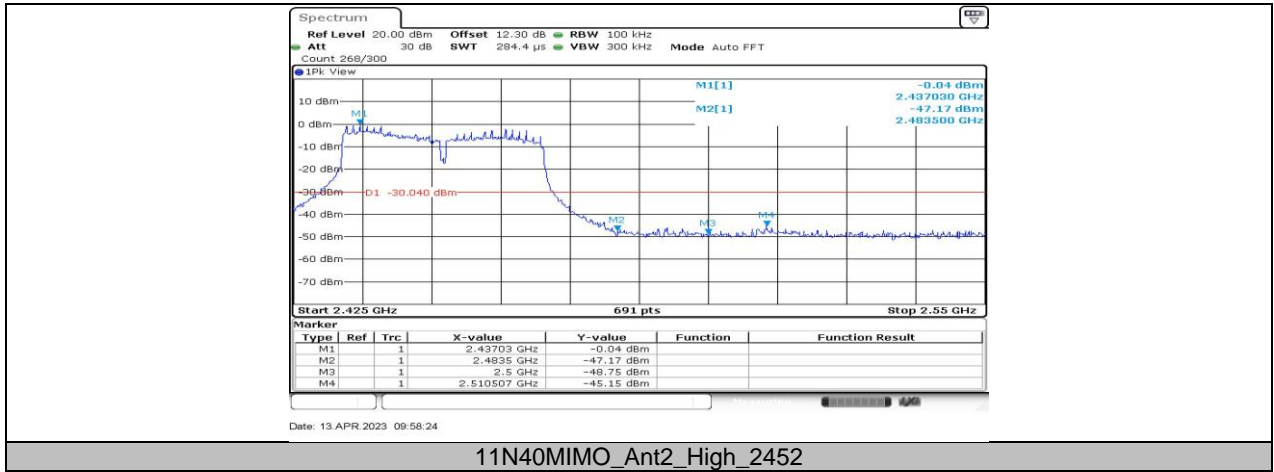
11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452

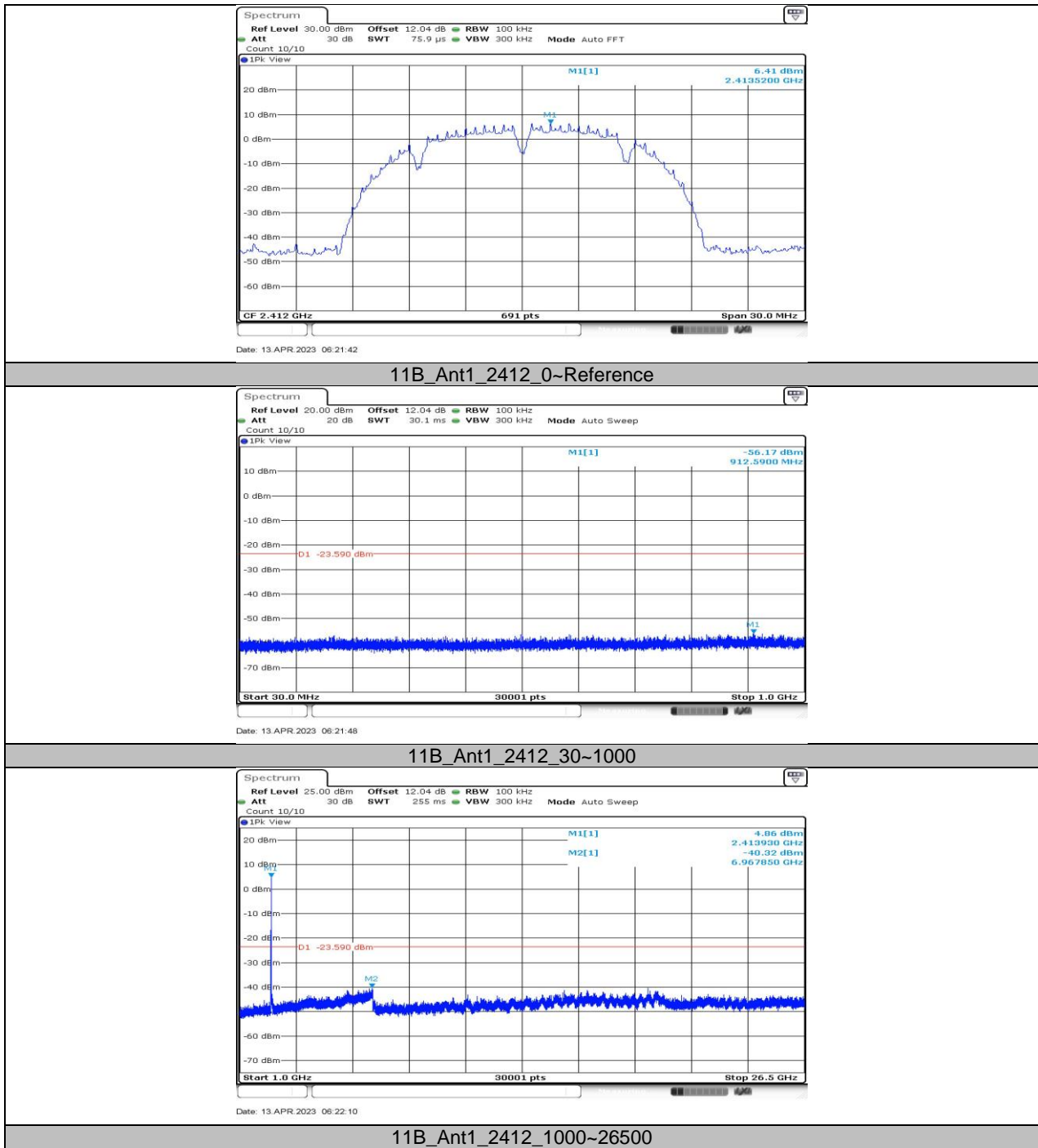
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

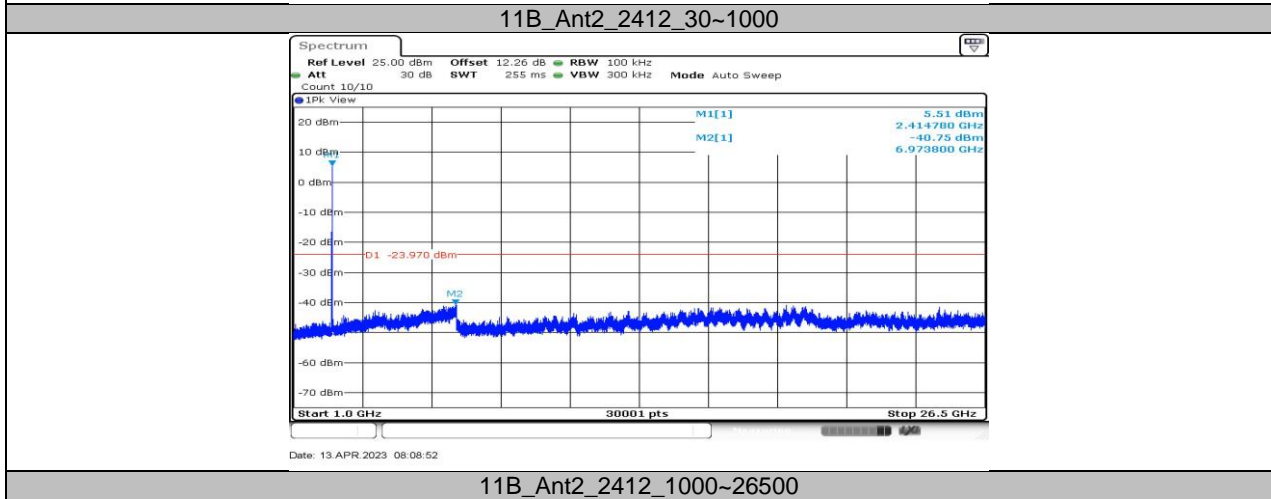
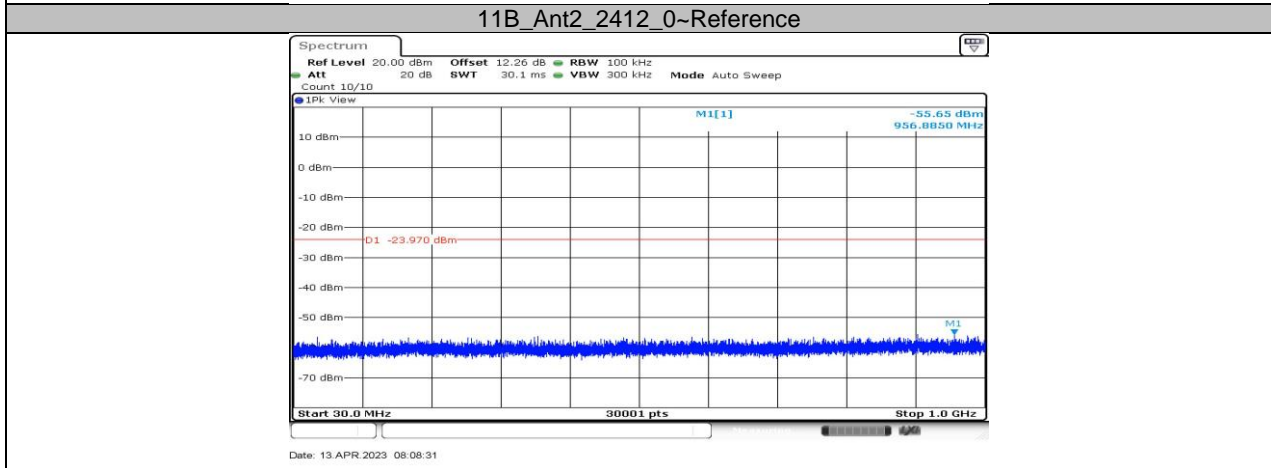
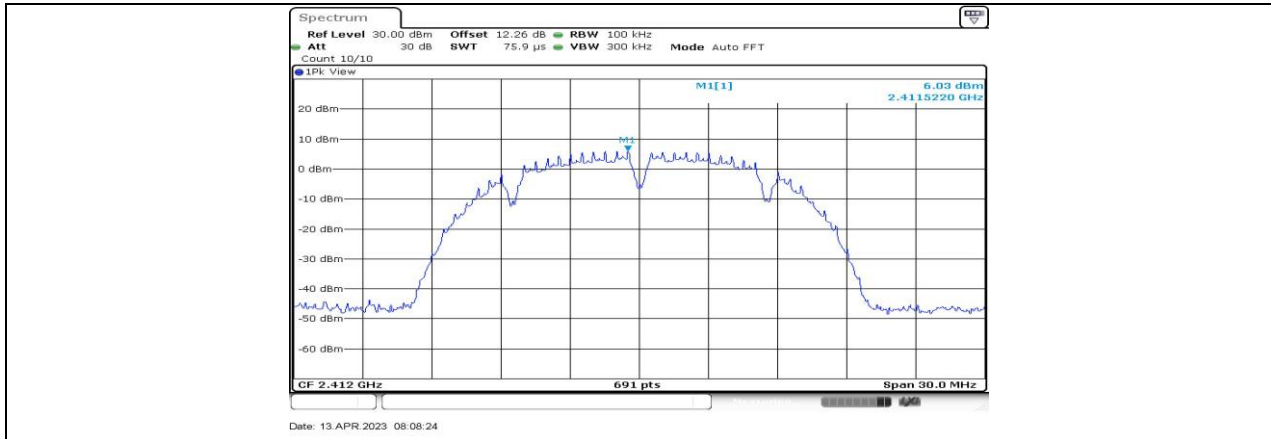
11.6.1. Test Result

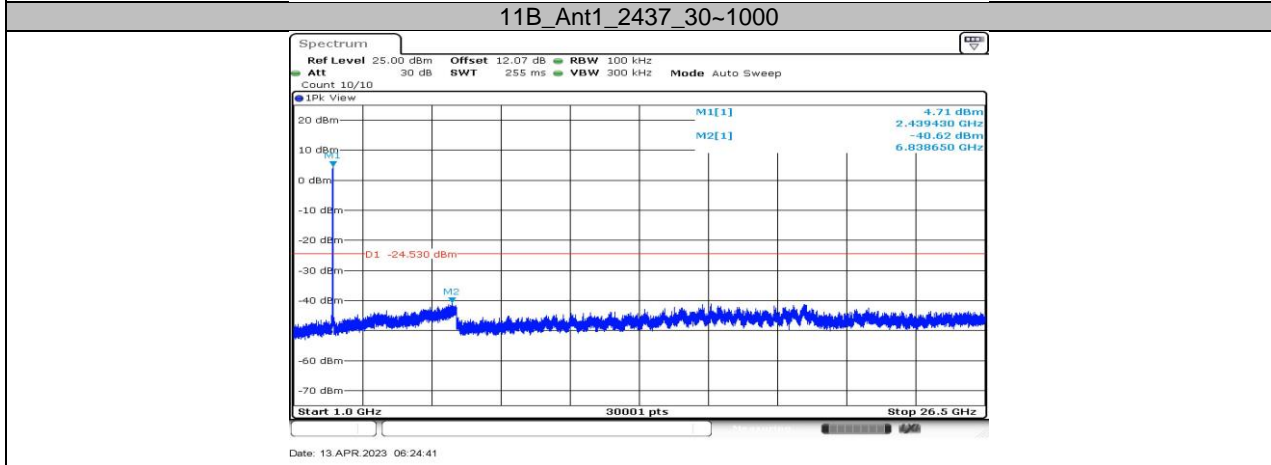
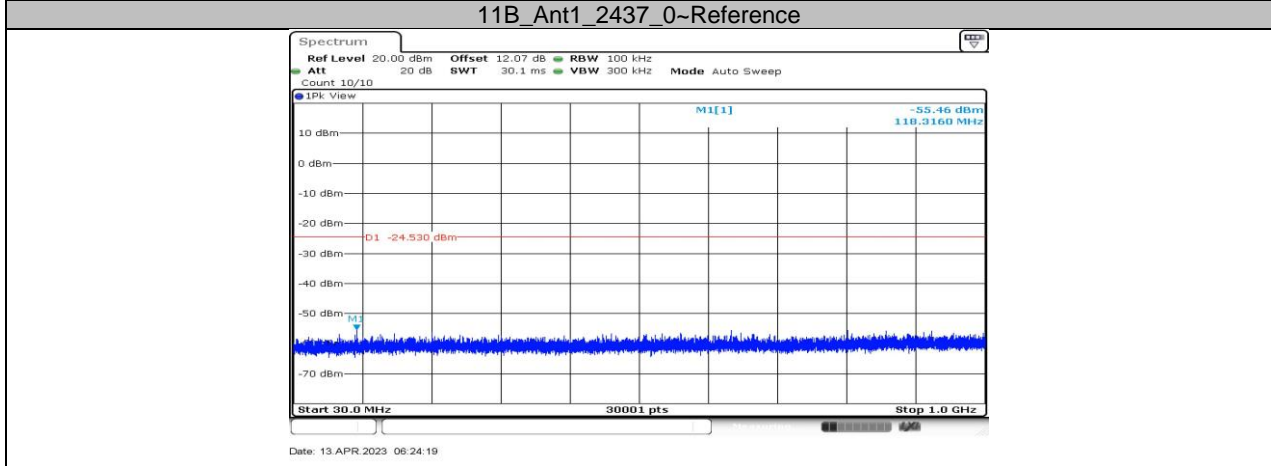
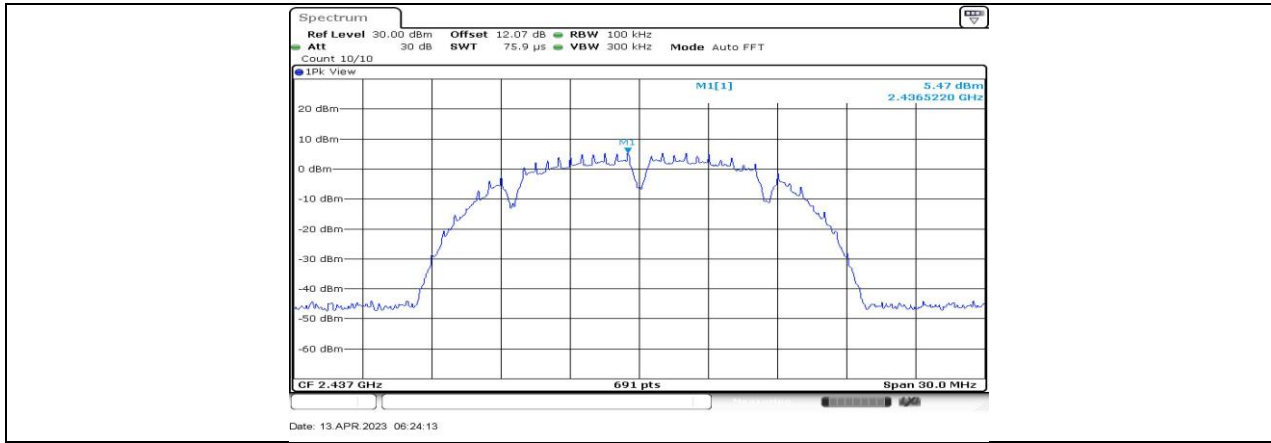
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.41	---	PASS
			30~1000	-56.17	≤-23.59	PASS
			1000~26500	-40.32	≤-23.59	PASS
	Ant2	2412	Reference	6.03	---	PASS
			30~1000	-55.65	≤-23.97	PASS
			1000~26500	-40.75	≤-23.97	PASS
	Ant1	2437	Reference	5.47	---	PASS
			30~1000	-55.46	≤-24.53	PASS
			1000~26500	-40.62	≤-24.53	PASS
	Ant2	2437	Reference	5.58	---	PASS
			30~1000	-55.03	≤-24.42	PASS
			1000~26500	-41.03	≤-24.42	PASS
	Ant1	2462	Reference	6.95	---	PASS
			30~1000	-55.47	≤-23.05	PASS
			1000~26500	-40.3	≤-23.05	PASS
	Ant2	2462	Reference	6.08	---	PASS
			30~1000	-55.55	≤-23.92	PASS
			1000~26500	-40.52	≤-23.92	PASS
11G	Ant1	2412	Reference	5.22	---	PASS
			30~1000	-54.46	≤-24.78	PASS
			1000~26500	-40.19	≤-24.78	PASS
	Ant2	2412	Reference	5.59	---	PASS
			30~1000	-55.32	≤-24.41	PASS
			1000~26500	-40.78	≤-24.41	PASS
	Ant1	2437	Reference	3.43	---	PASS
			30~1000	-54.53	≤-26.57	PASS
			1000~26500	-40.74	≤-26.57	PASS
	Ant2	2437	Reference	4.29	---	PASS
			30~1000	-55.07	≤-25.71	PASS
			1000~26500	-40.19	≤-25.71	PASS
	Ant1	2462	Reference	6.25	---	PASS
			30~1000	-55.46	≤-23.75	PASS
			1000~26500	-41.13	≤-23.75	PASS
	Ant2	2462	Reference	5.15	---	PASS
			30~1000	-55.42	≤-24.85	PASS
			1000~26500	-39.8	≤-24.85	PASS
11N20MIMO	Ant1	2412	Reference	5.03	---	PASS
			30~1000	-55.57	≤-24.97	PASS
			1000~26500	-40.6	≤-24.97	PASS
	Ant2	2412	Reference	4.16	---	PASS
			30~1000	-55.61	≤-25.84	PASS
			1000~26500	-40.82	≤-25.84	PASS
	Ant1	2437	Reference	4.05	---	PASS
			30~1000	-56.2	≤-25.95	PASS
			1000~26500	-40.4	≤-25.95	PASS
	Ant2	2437	Reference	2.76	---	PASS
			30~1000	-55.76	≤-27.24	PASS
			1000~26500	-40.14	≤-27.24	PASS
	Ant1	2462	Reference	5.55	---	PASS
			30~1000	-55.17	≤-24.45	PASS
			1000~26500	-39.99	≤-24.45	PASS
	Ant2	2462	Reference	2.14	---	PASS
			30~1000	-55.51	≤-27.86	PASS
			1000~26500	-40.33	≤-27.86	PASS
11N40MIMO	Ant1	2422	Reference	0.65	---	PASS
			30~1000	-55.6	≤-29.35	PASS
			1000~26500	-40.81	≤-29.35	PASS

	Ant2	2422	Reference	0.20	---	PASS
			30~1000	-55.48	≤ -29.8	PASS
			1000~26500	-40.21	≤ -29.8	PASS
	Ant1	2437	Reference	-0.92	---	PASS
			30~1000	-55.15	≤ -30.92	PASS
			1000~26500	-41.08	≤ -30.92	PASS
	Ant2	2437	Reference	-1.01	---	PASS
			30~1000	-55.35	≤ -31.01	PASS
			1000~26500	-40.58	≤ -31.01	PASS
	Ant1	2452	Reference	1.39	---	PASS
			30~1000	-55.21	≤ -28.61	PASS
			1000~26500	-40.14	≤ -28.61	PASS
	Ant2	2452	Reference	0.00	---	PASS
			30~1000	-55.3	≤ -30	PASS
			1000~26500	-40.44	≤ -30	PASS

11.6.2. Test Graphs

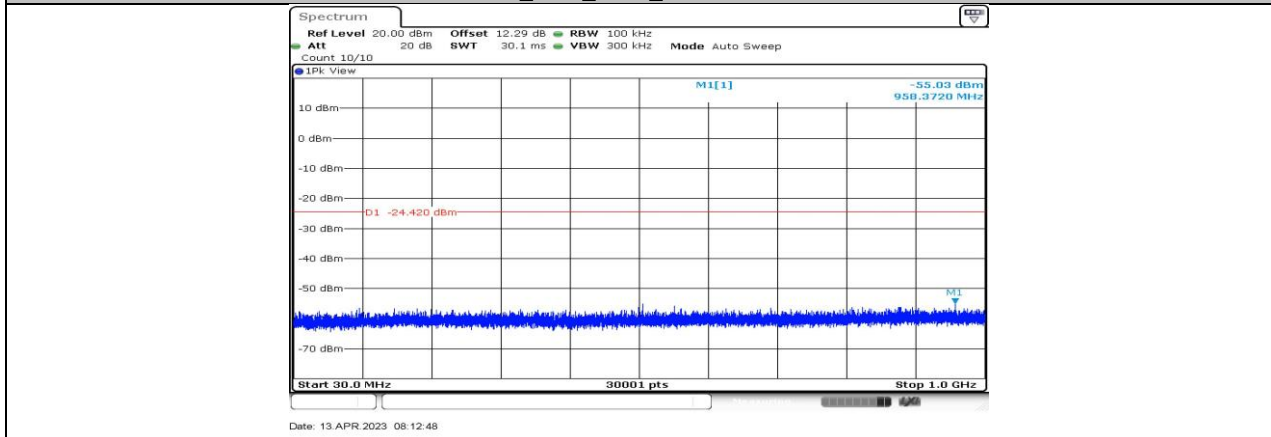




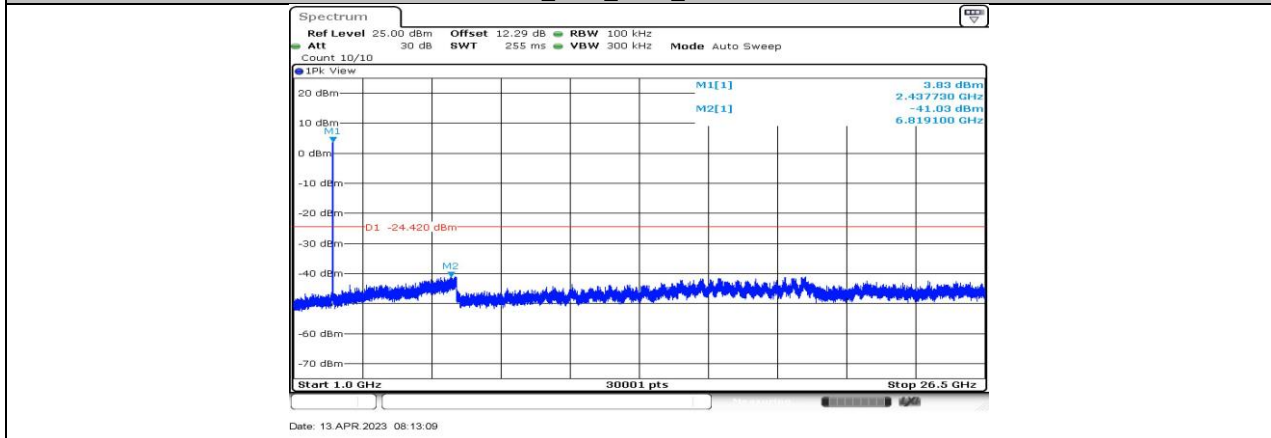




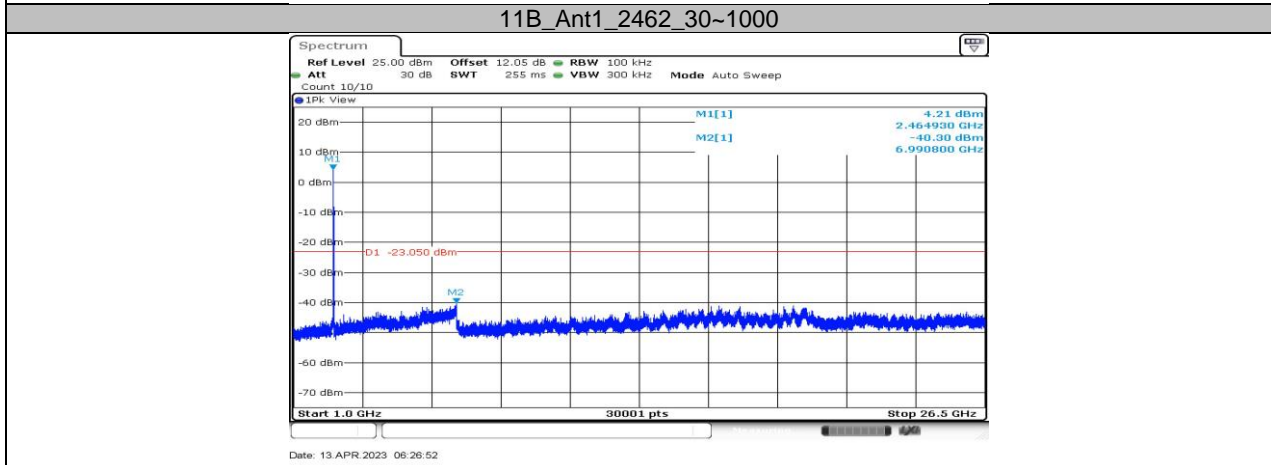
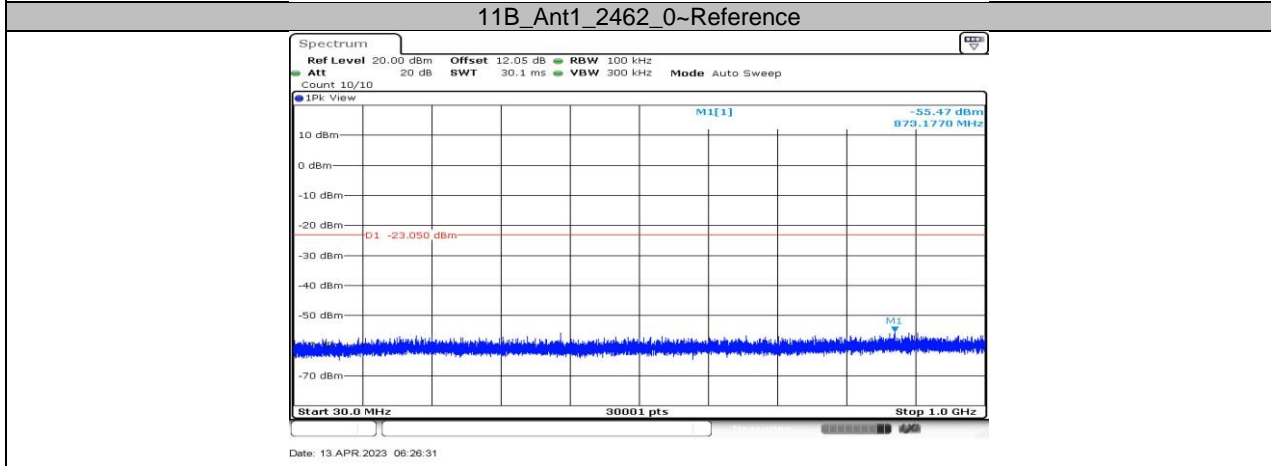
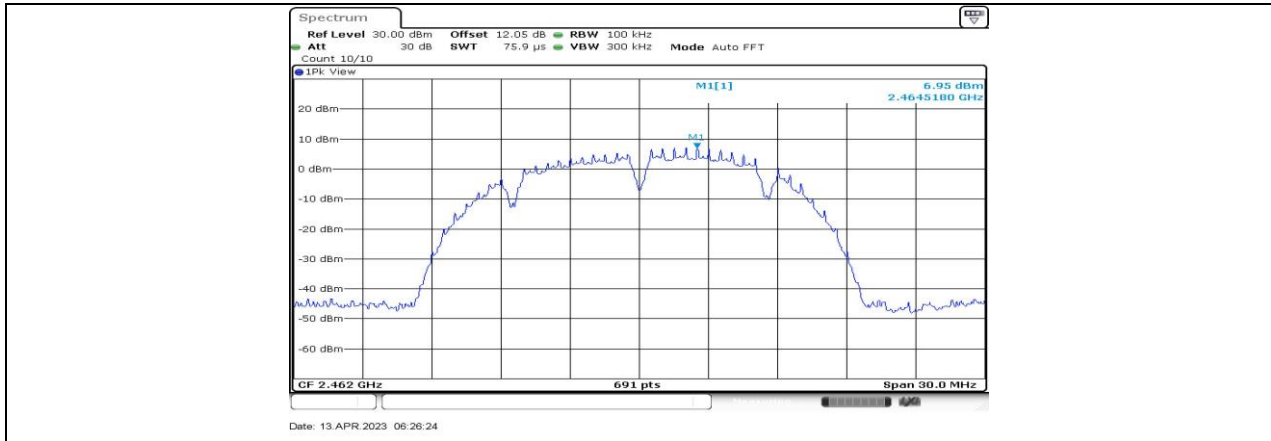
11B_Ant2_2437_0~Reference

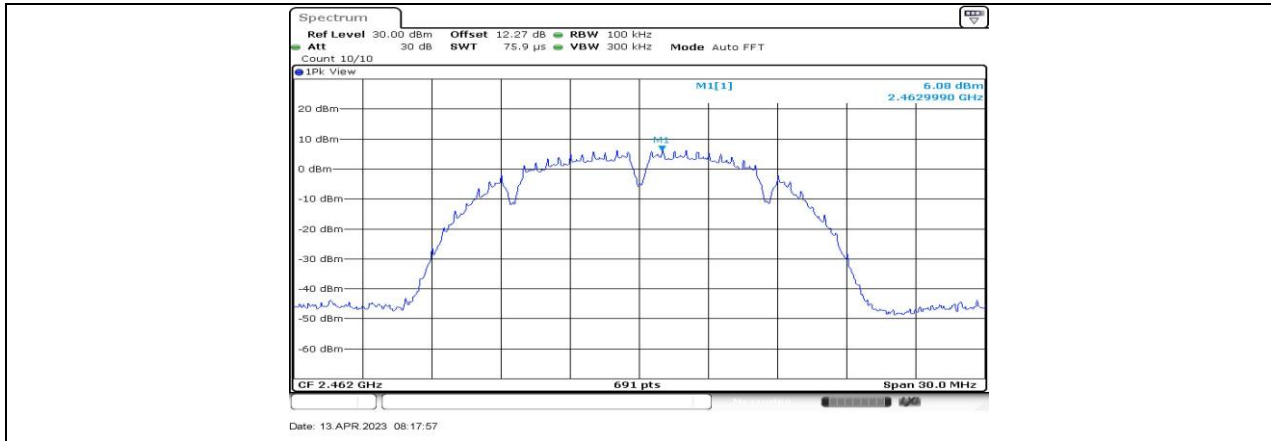


11B_Ant2_2437_30~1000

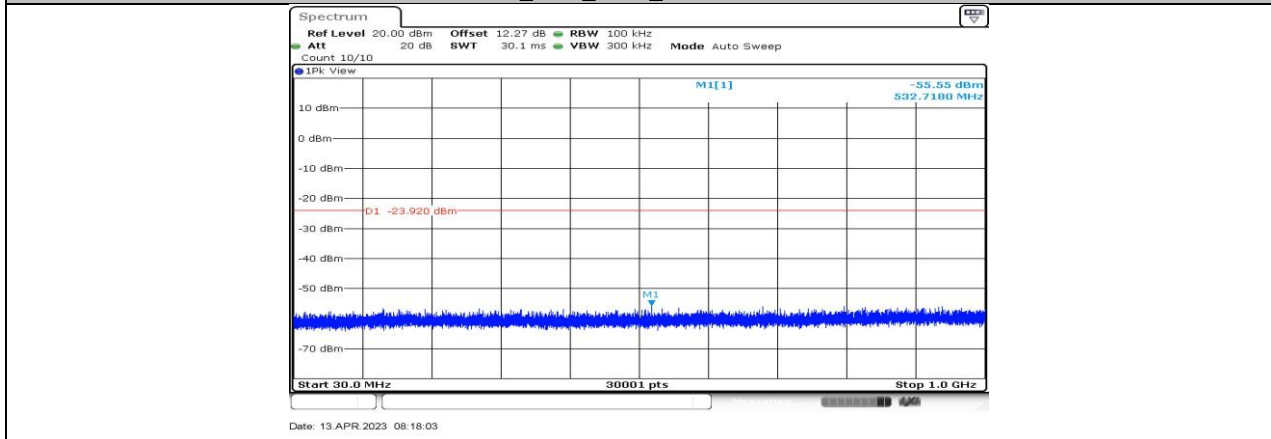


11B_Ant2_2437_1000~26500

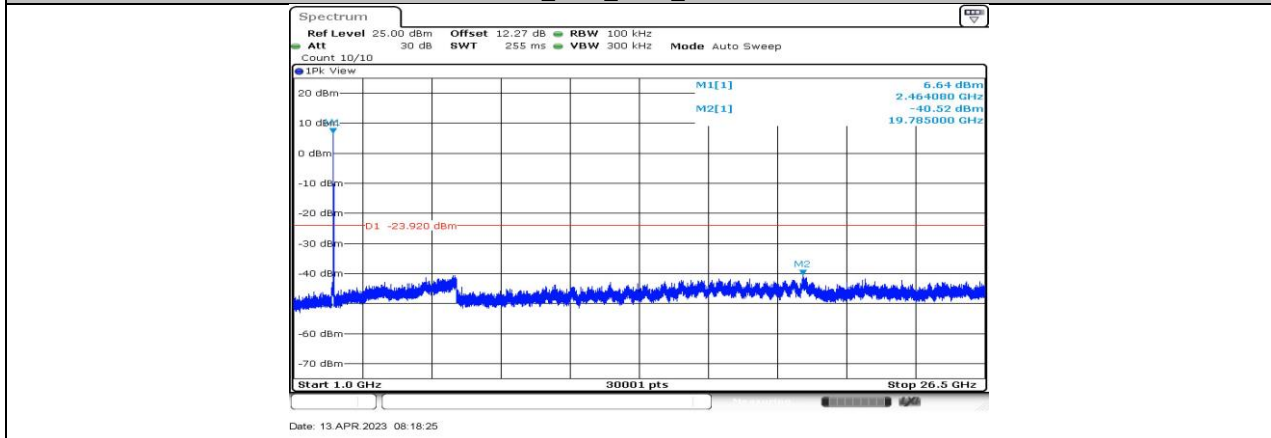




11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



11B_Ant2_2462_1000~26500