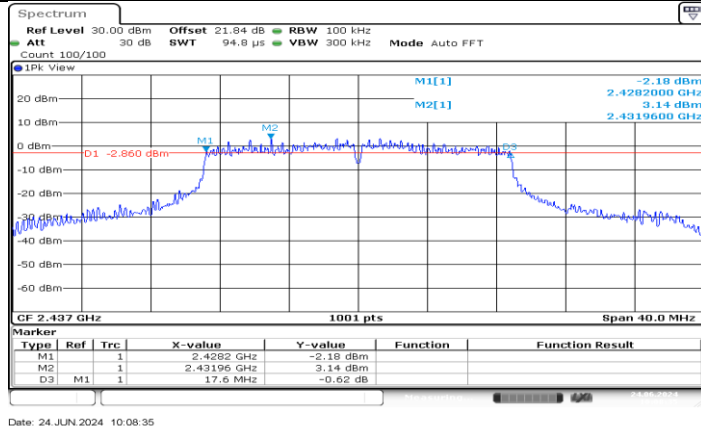
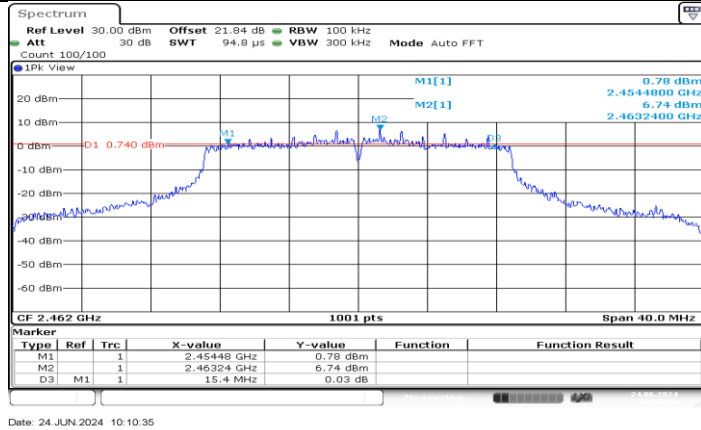
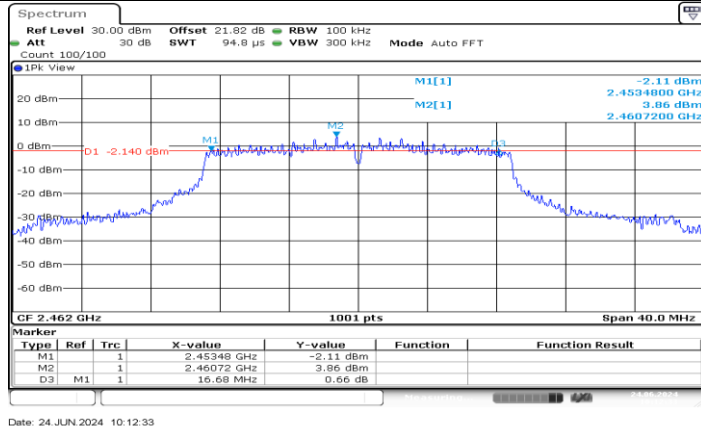




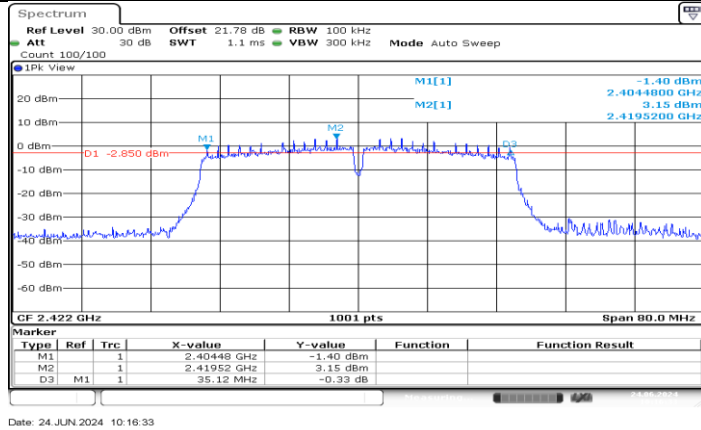
11N20MIMO_Ant2_2437



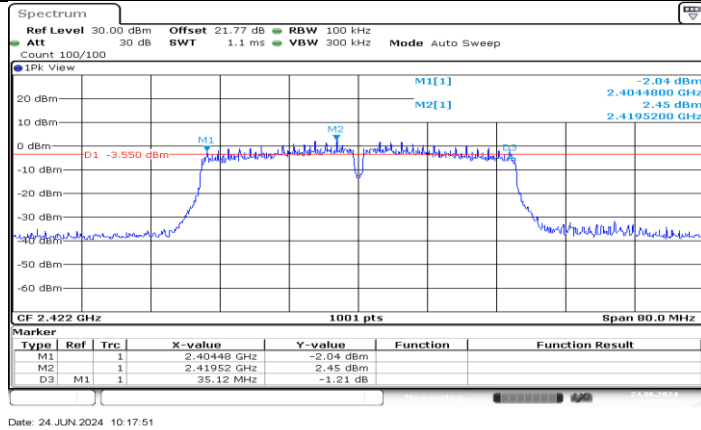
11N20MIMO_Ant1_2462



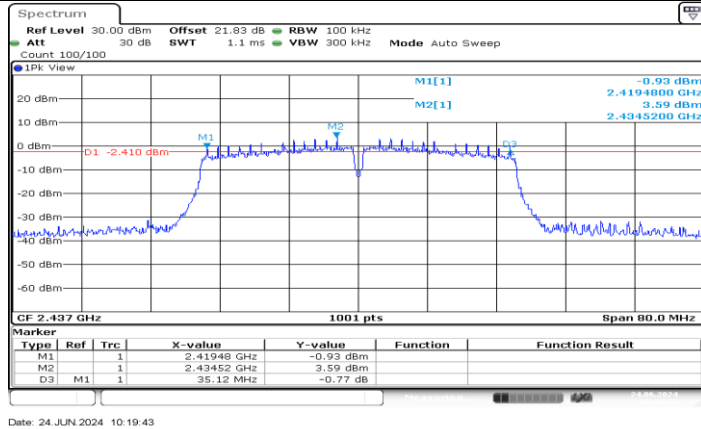
11N20MIMO_Ant2_2462



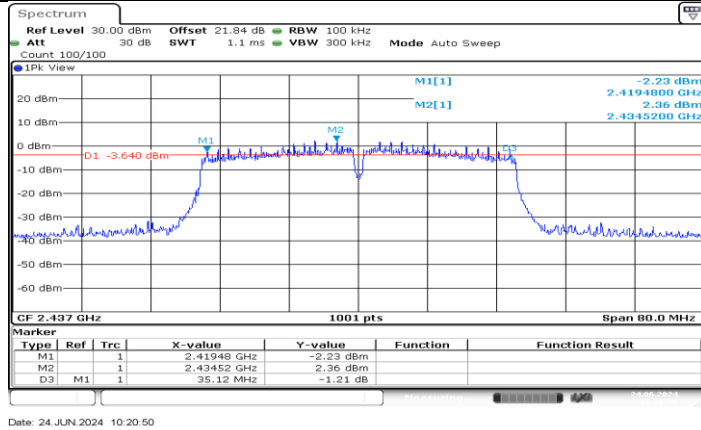
11N40MIMO Ant1 2422



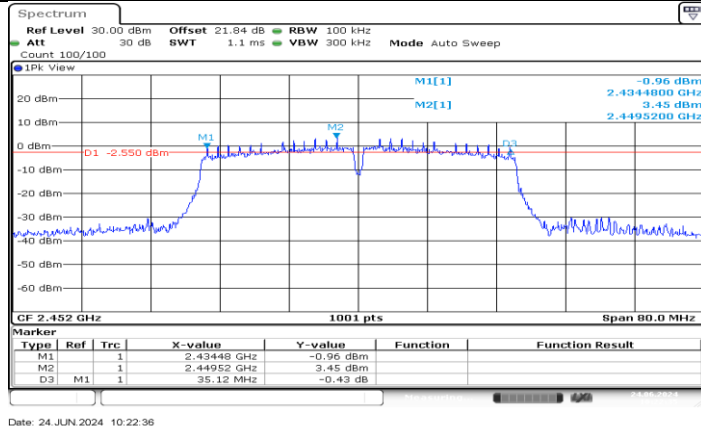
11N40MIMO Ant2 2422



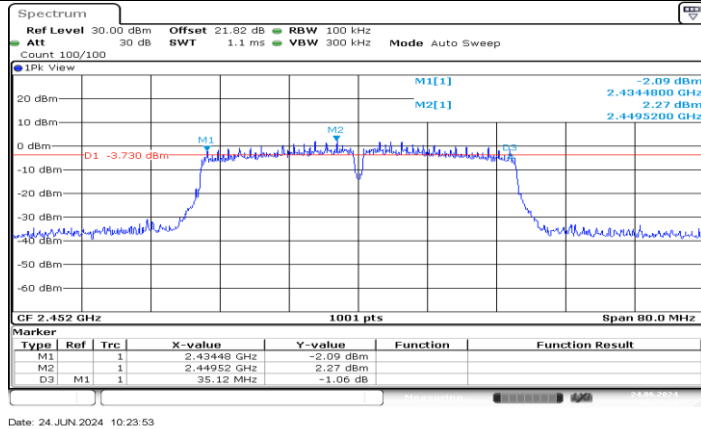
11N40MIMO Ant1 2437



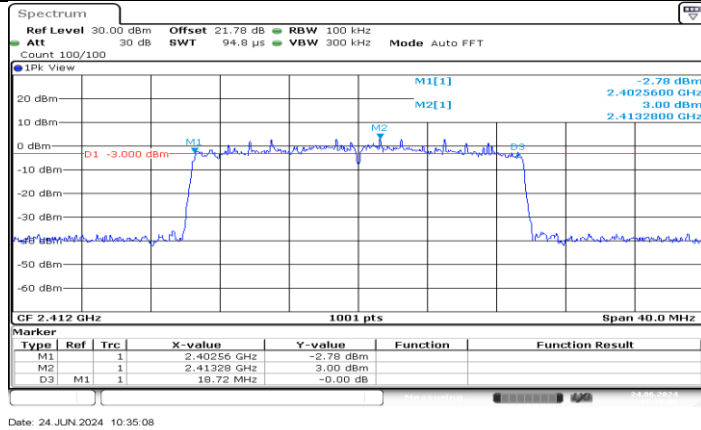
11N40MIMO_Ant2_2437



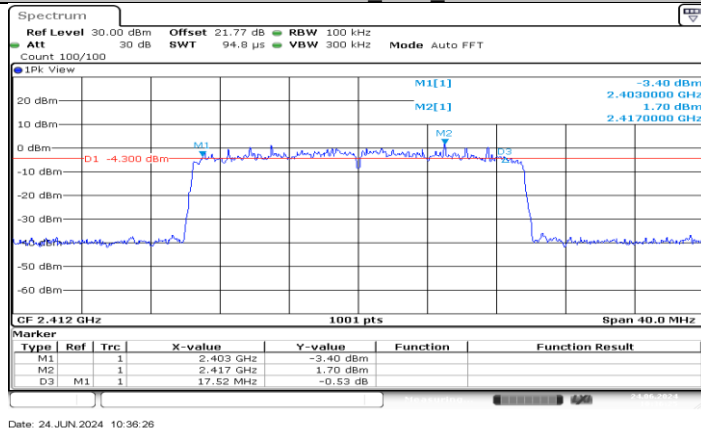
11N40MIMO_Ant1_2452



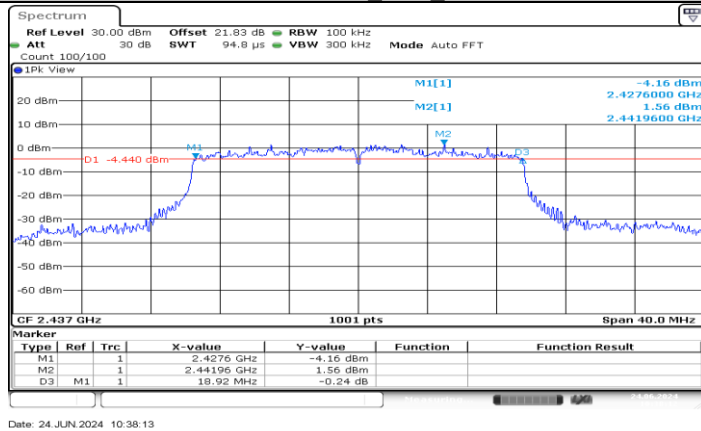
11N40MIMO_Ant2_2452



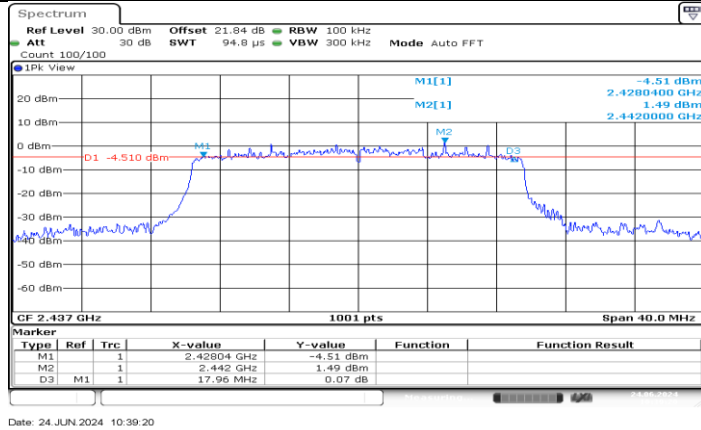
11AX20MIMO_Ant1_2412



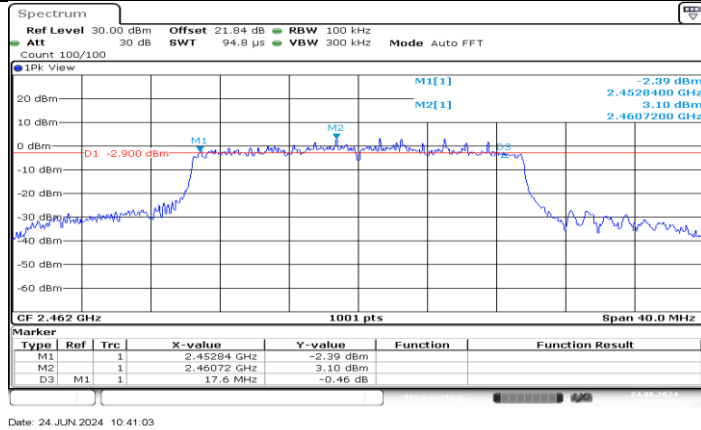
11AX20MIMO_Ant2_2412



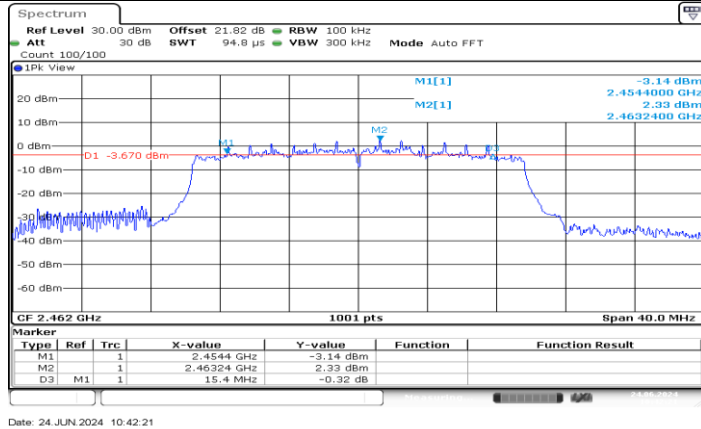
11AX20MIMO_Ant1_2437



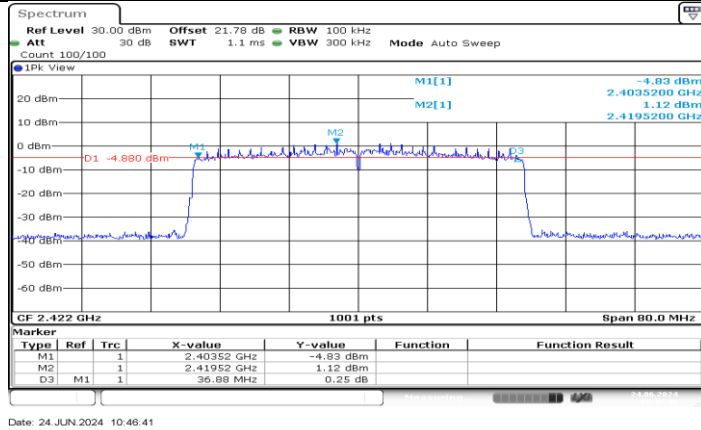
11AX20MIMO_Ant2_2437



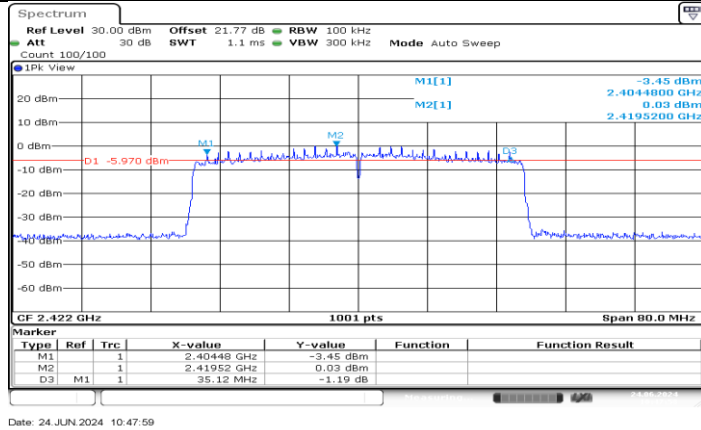
11AX20MIMO_Ant1_2462



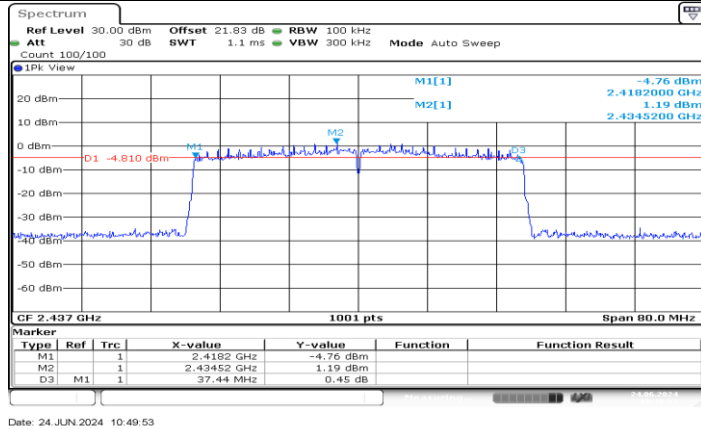
11AX20MIMO_Ant2_2462



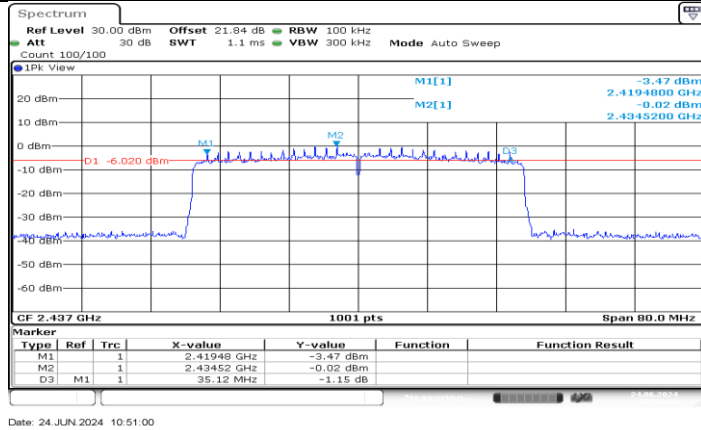
11AX40MIMO_Ant1_2422



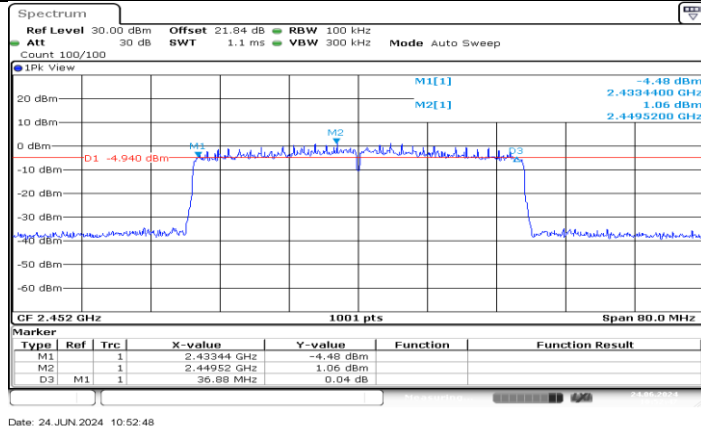
11AX40MIMO_Ant2_2422



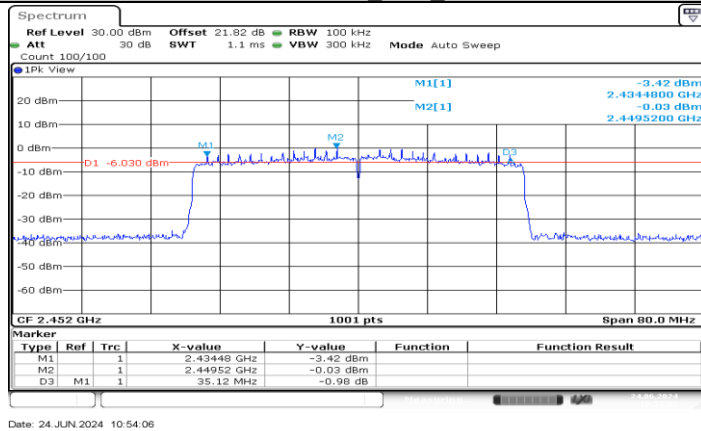
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



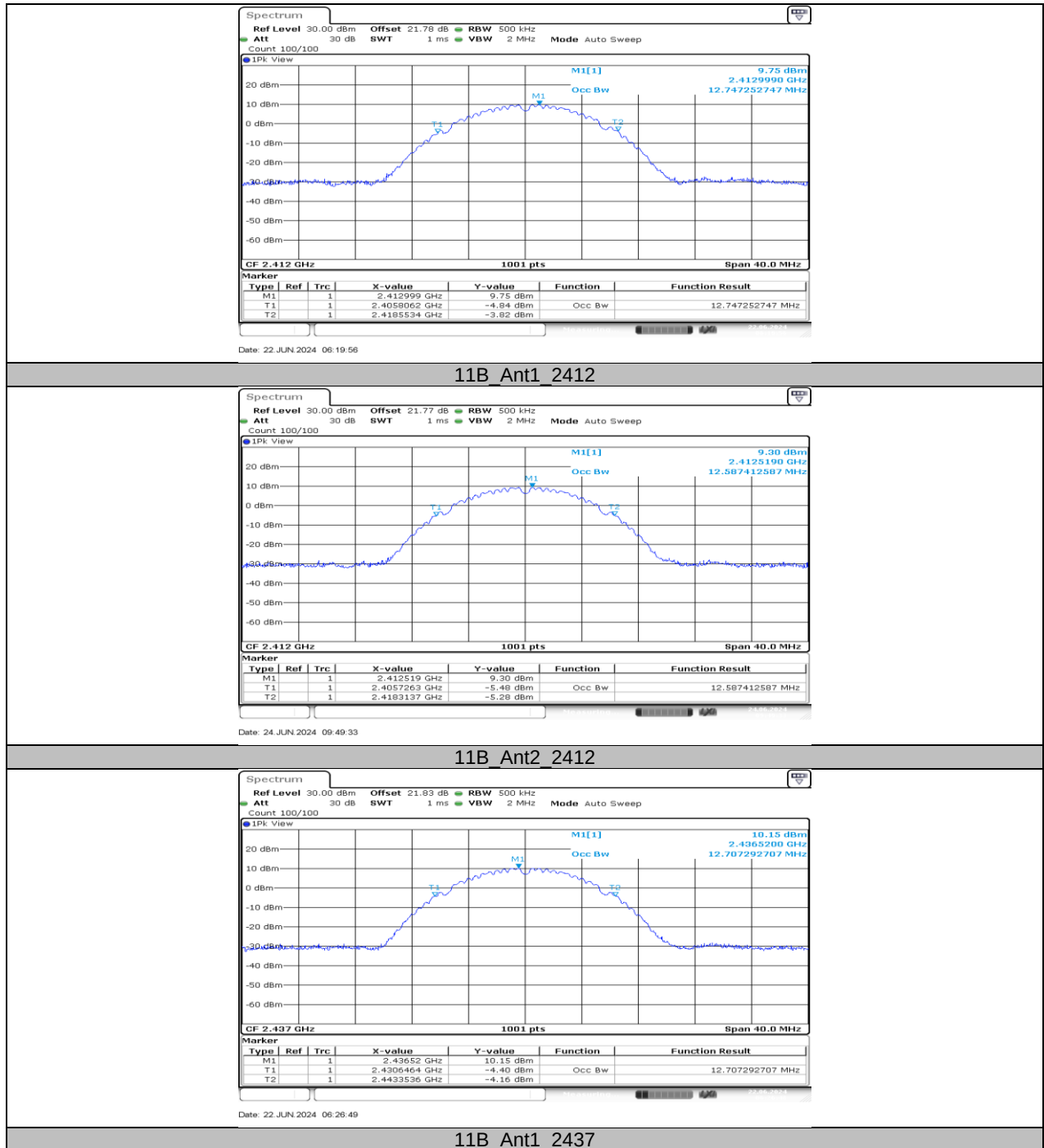
11AX40MIMO_Ant2_2452

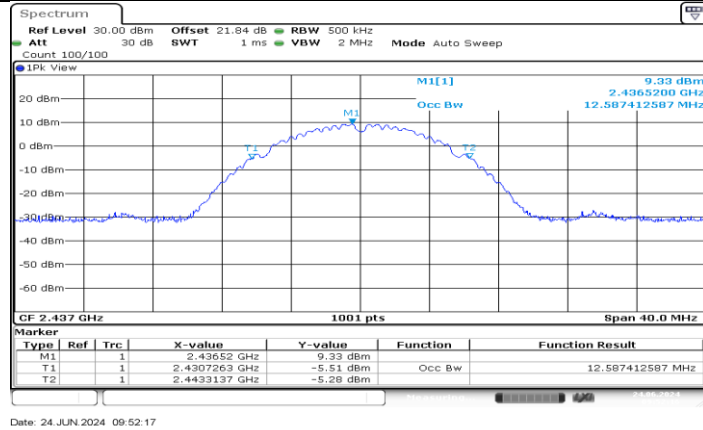
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

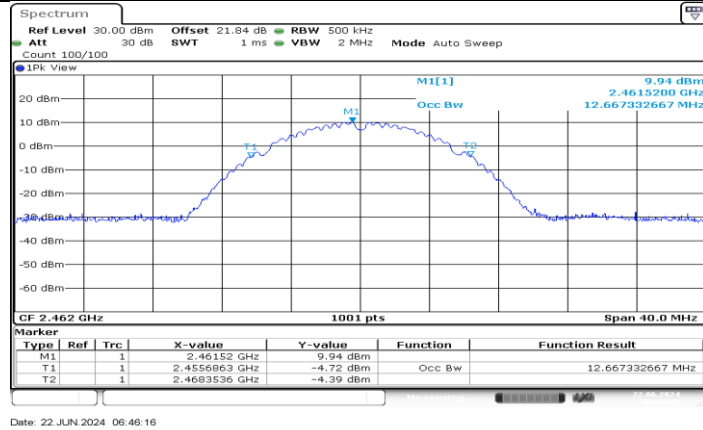
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	12.747	2405.8062	2418.5534
	Ant2	2412	12.587	2405.7263	2418.3137
	Ant1	2437	12.707	2430.6464	2443.3536
	Ant2	2437	12.587	2430.7263	2443.3137
	Ant1	2462	12.667	2455.6863	2468.3536
	Ant2	2462	12.547	2455.7263	2468.2737
11G	Ant1	2412	17.303	2403.3287	2420.6314
	Ant2	2412	17.383	2403.2887	2420.6713
	Ant1	2437	19.141	2427.2897	2446.4306
	Ant2	2437	19.181	2427.2498	2446.4306
	Ant1	2462	19.181	2452.2897	2471.4705
	Ant2	2462	19.181	2452.2897	2471.4705
11N20MIMO	Ant1	2412	17.942	2403.0490	2420.9910
	Ant2	2412	17.622	2403.2088	2420.8312
	Ant1	2437	19.7	2427.1299	2446.8302
	Ant2	2437	18.262	2427.8891	2446.1508
	Ant1	2462	19.74	2452.1698	2471.9101
	Ant2	2462	18.302	2452.8891	2471.1908
11N40MIMO	Ant1	2422	36.204	2403.9381	2440.1419
	Ant2	2422	36.444	2403.8581	2440.3017
	Ant1	2437	36.124	2418.9381	2455.0619
	Ant2	2437	36.444	2418.7782	2455.2218
	Ant1	2452	36.204	2433.9381	2470.1419
	Ant2	2452	36.523	2433.7782	2470.3017
11AX20MIMO	Ant1	2412	18.861	2402.5694	2421.4306
	Ant2	2412	18.861	2402.5694	2421.4306
	Ant1	2437	19.341	2427.3297	2446.6703
	Ant2	2437	19.181	2427.4096	2446.5904
	Ant1	2462	19.341	2452.3696	2471.7103
	Ant2	2462	19.261	2452.3696	2471.6304
11AX40MIMO	Ant1	2422	37.802	2403.1389	2440.9411
	Ant2	2422	37.802	2403.1389	2440.9411
	Ant1	2437	37.802	2418.1389	2455.9411
	Ant2	2437	37.962	2418.0589	2456.0210
	Ant1	2452	37.722	2433.2188	2470.9411
	Ant2	2452	37.802	2433.1389	2470.9411

11.2.2. Test Graphs

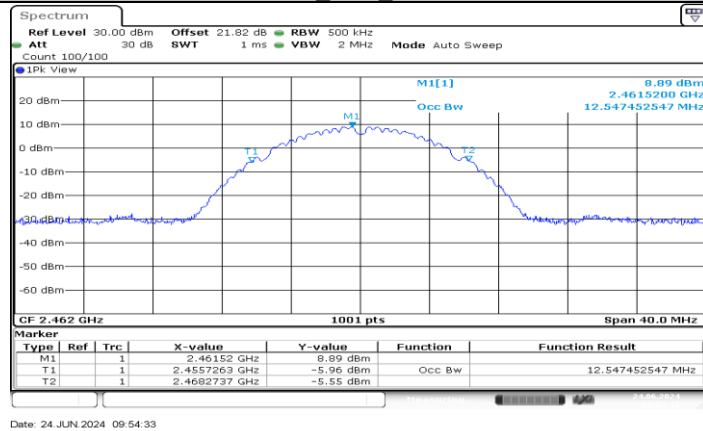




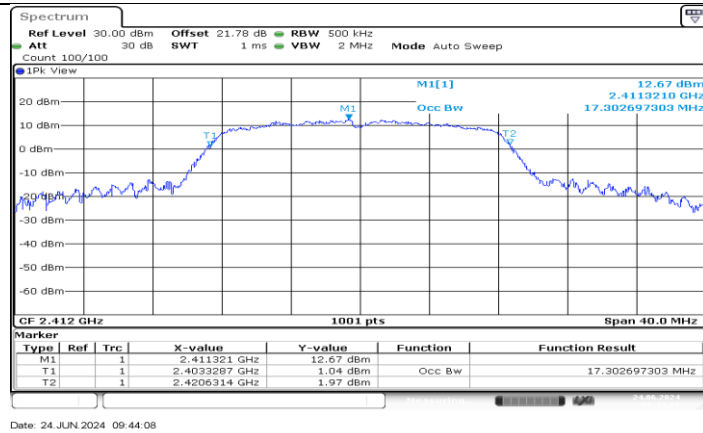
11B_Ant2_2437



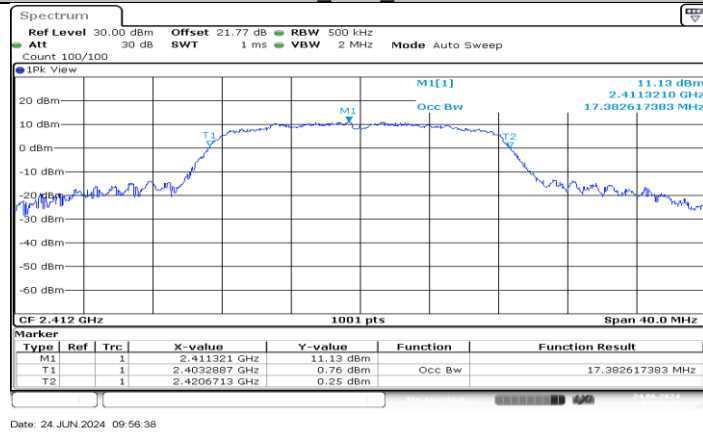
11B_Ant1_2462



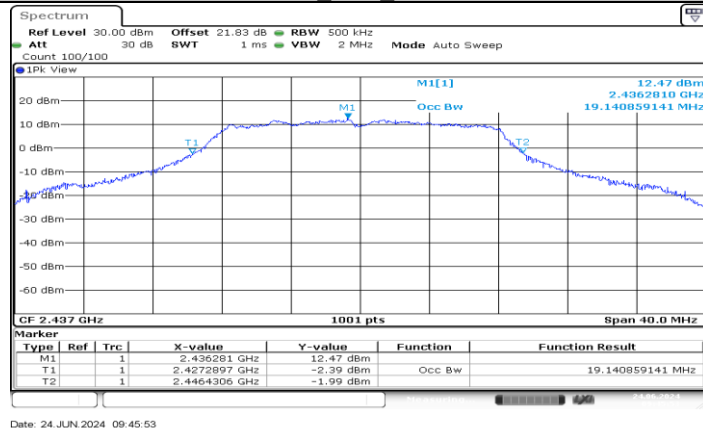
11B_Ant2_2462



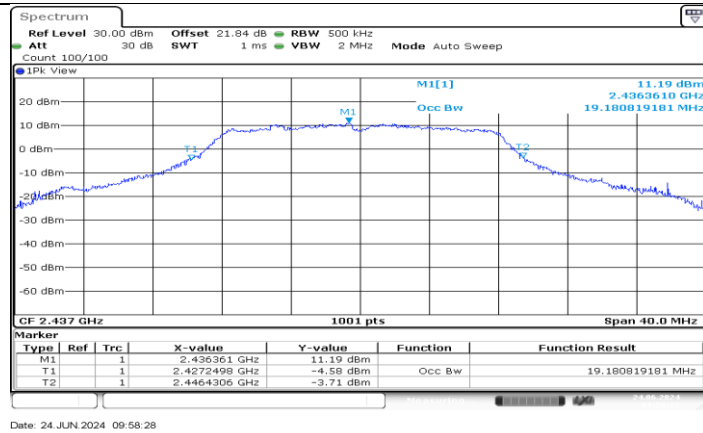
11G_Ant1_2412



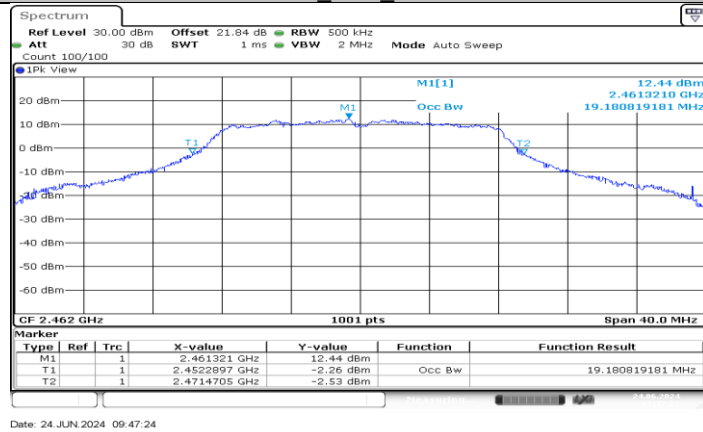
11G_Ant2_2412



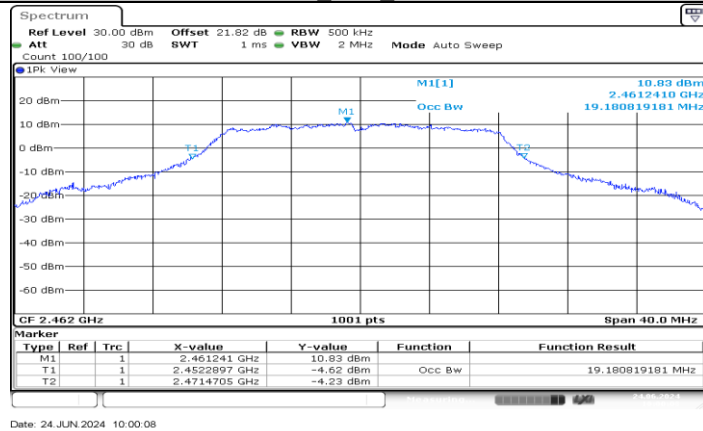
11G_Ant1_2437



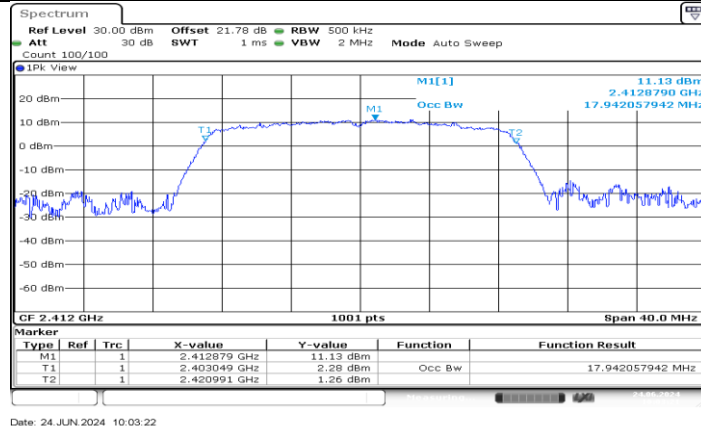
11G_Ant2_2437



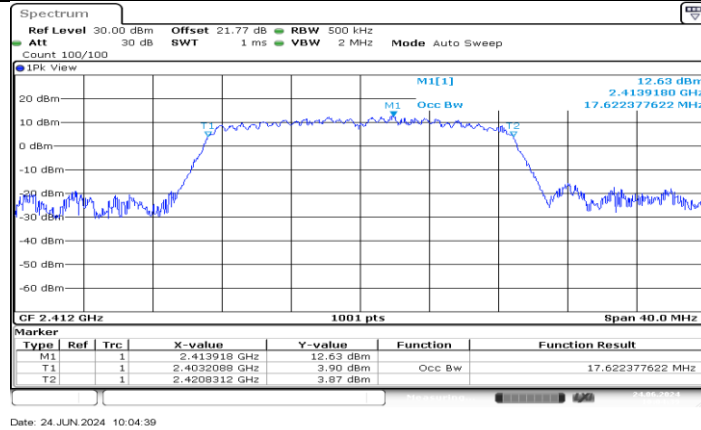
11G_Ant1_2462



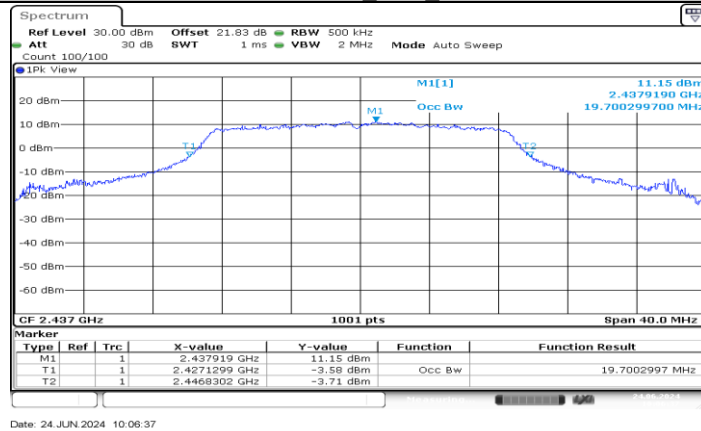
11G_Ant2_2462



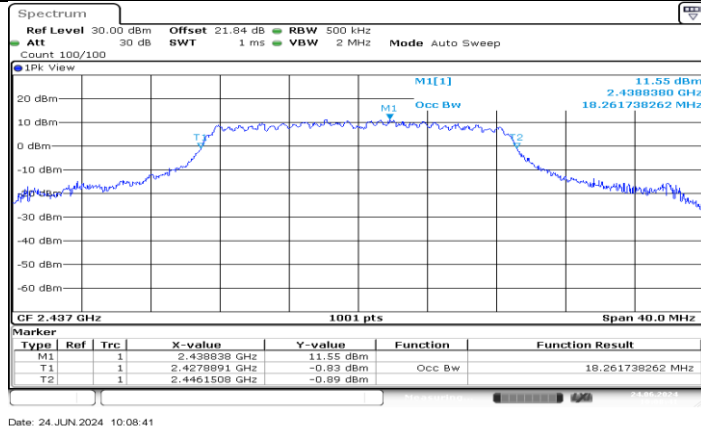
11N20MIMO Ant1 2412



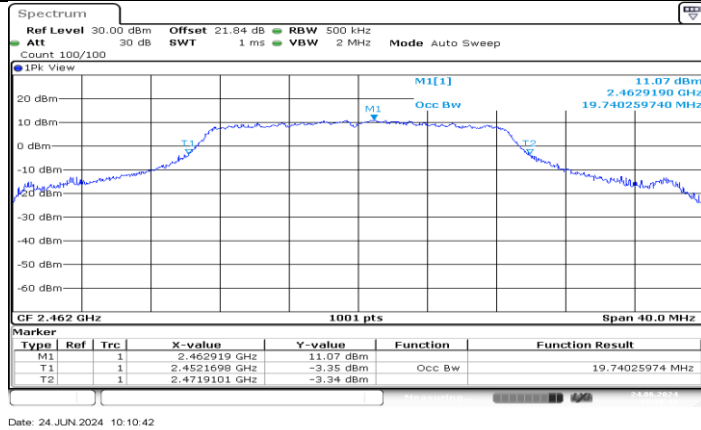
11N20MIMO Ant2 2412



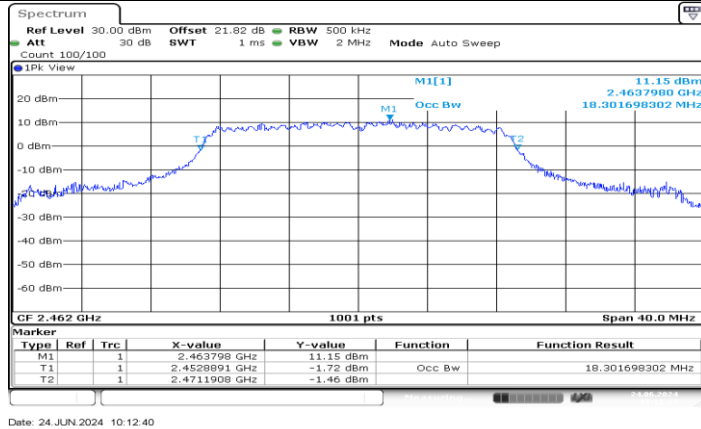
11N20MIMO Ant1 2437



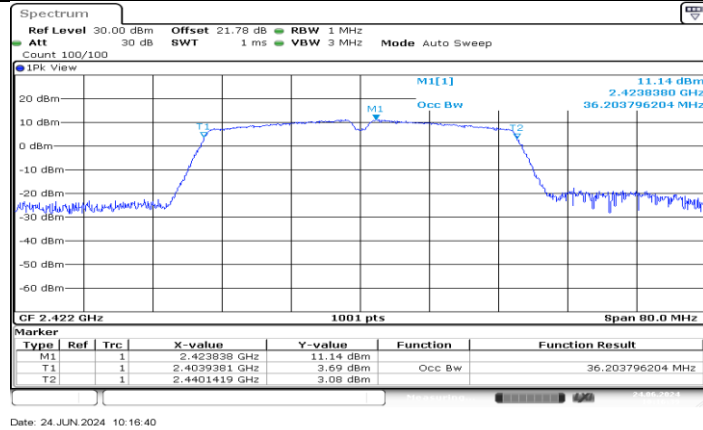
11N20MIMO Ant2_2437



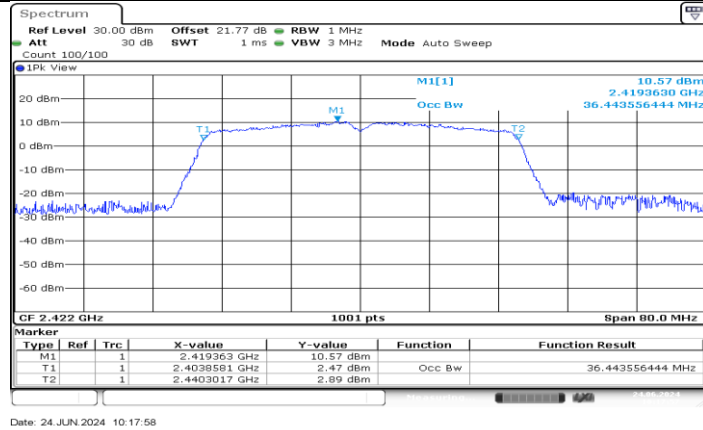
11N20MIMO Ant1_2462



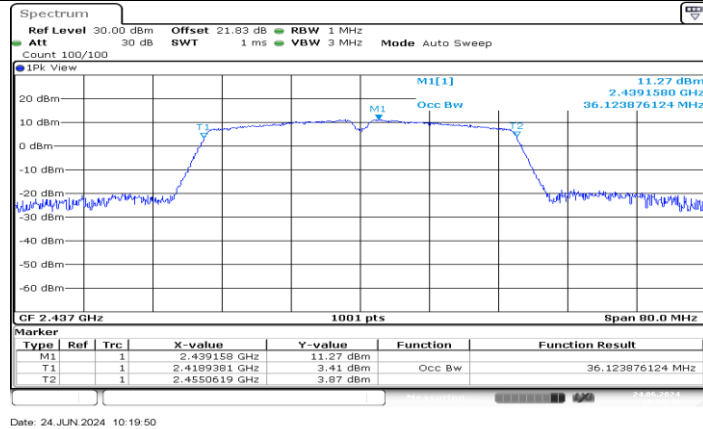
11N20MIMO Ant2_2462



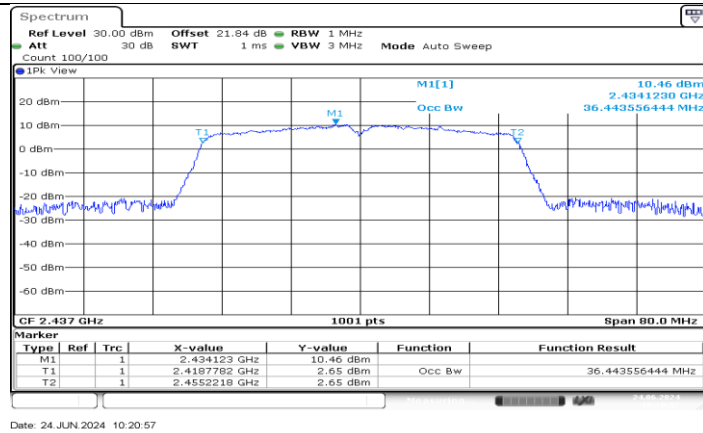
11N40MIMO Ant1 2422



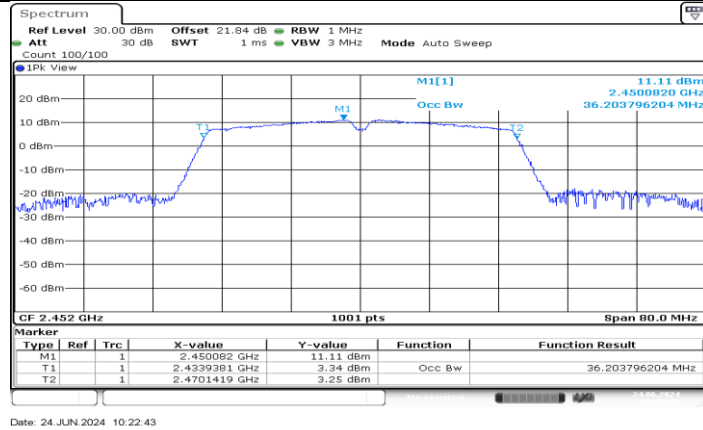
11N40MIMO Ant2 2422



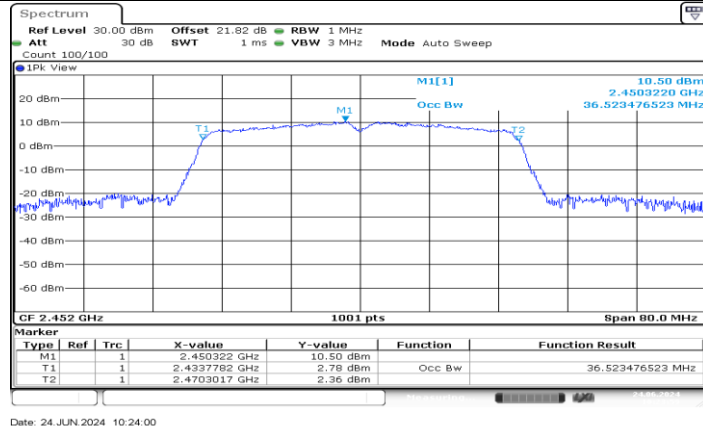
11N40MIMO Ant1 2437



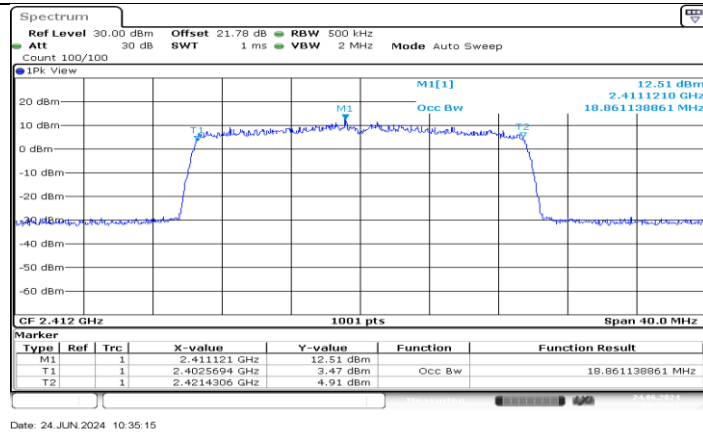
11N40MIMO Ant2_2437



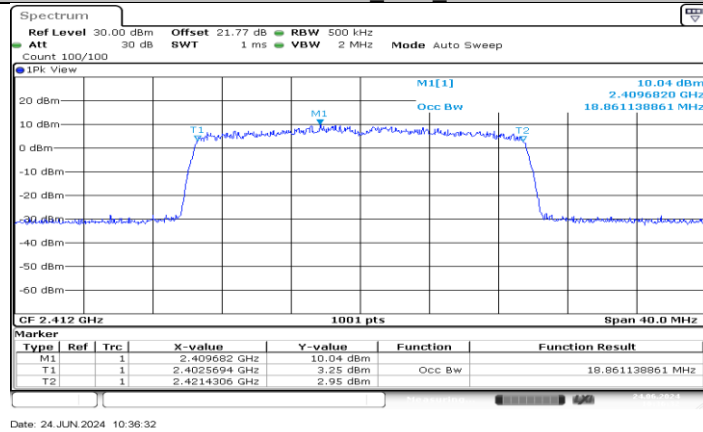
11N40MIMO Ant1_2452



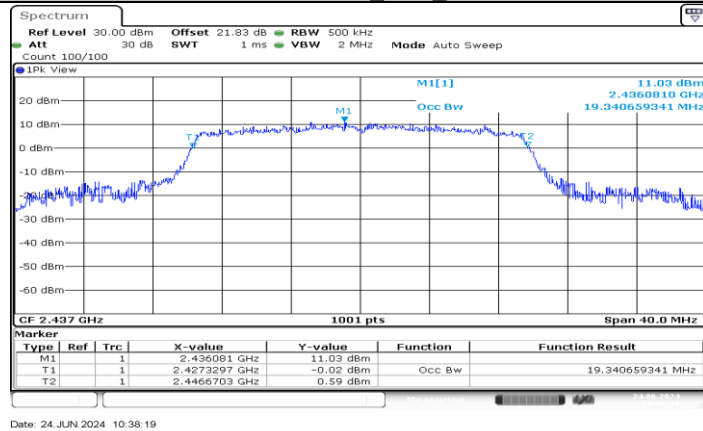
11N40MIMO Ant2_2452



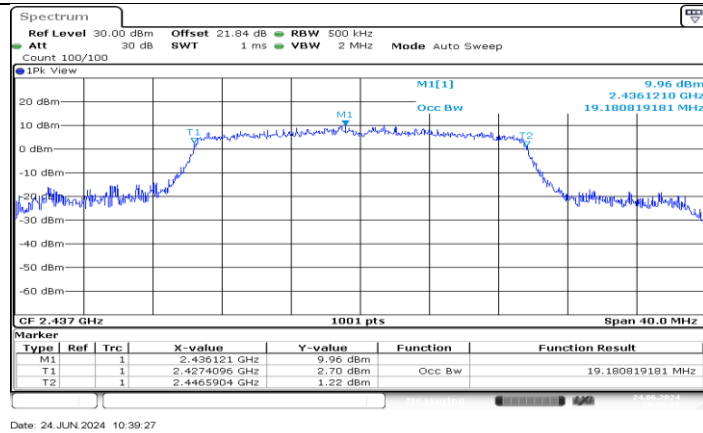
11AX20MIMO_Ant1_2412



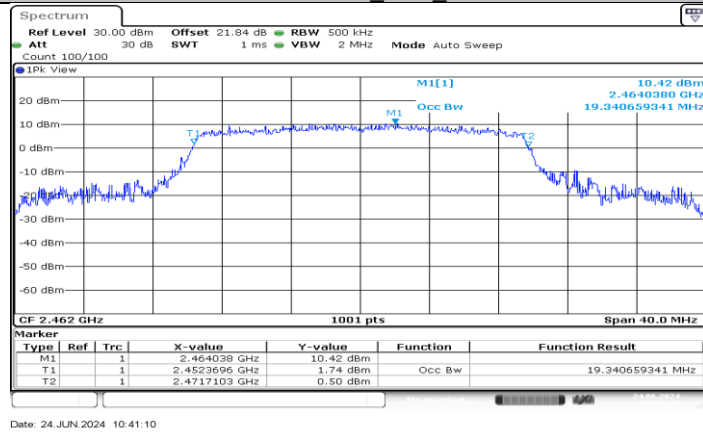
11AX20MIMO_Ant2_2412



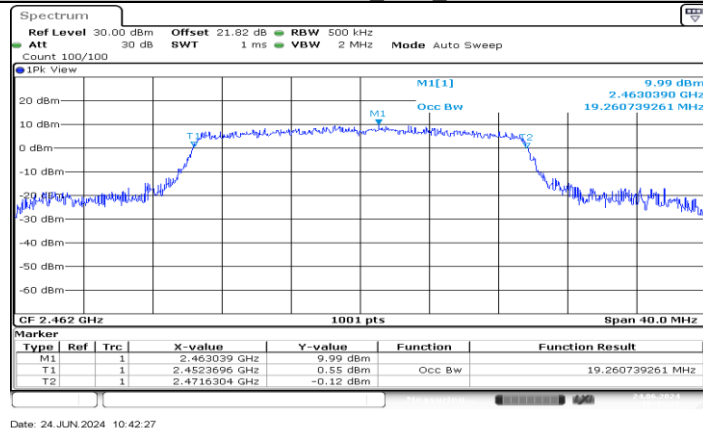
11AX20MIMO_Ant1_2437



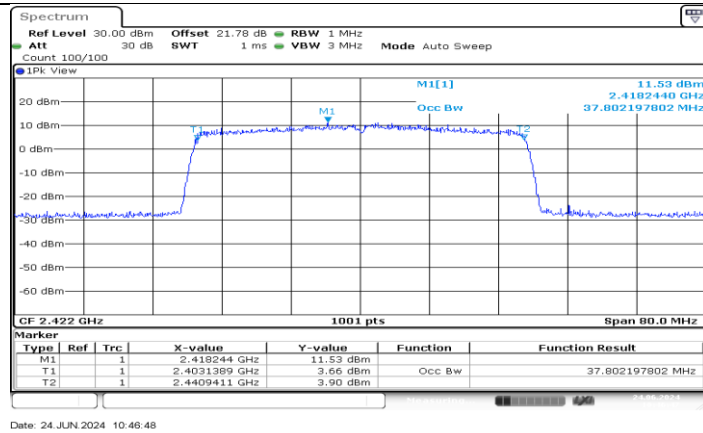
11AX20MIMO_Ant2_2437



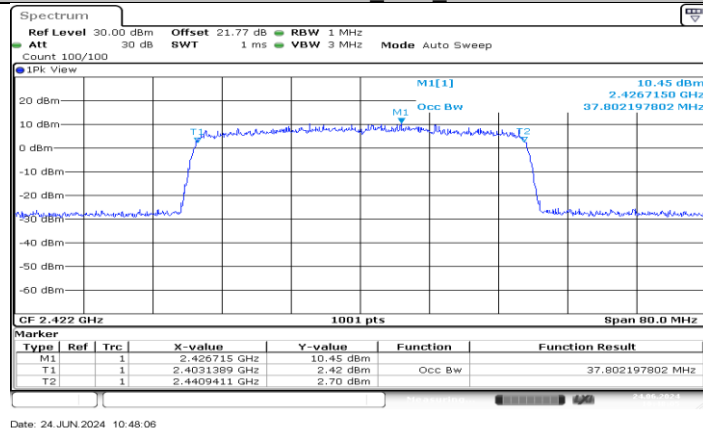
11AX20MIMO_Ant1_2462



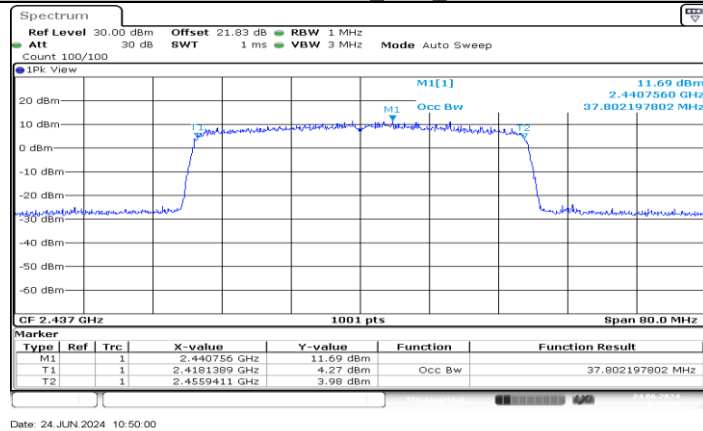
11AX20MIMO_Ant2_2462



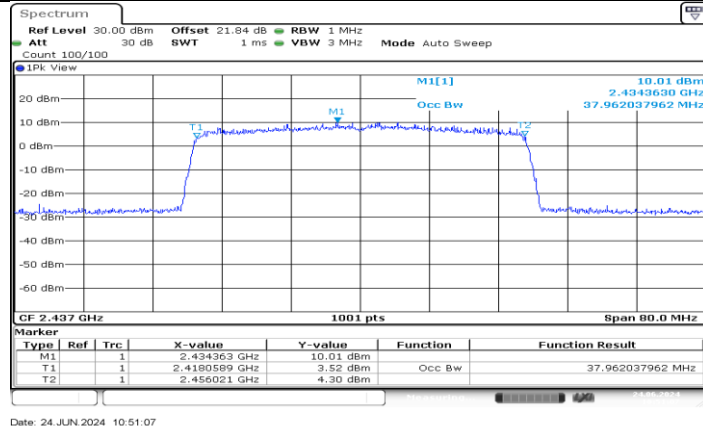
11AX40MIMO_Ant1_2422



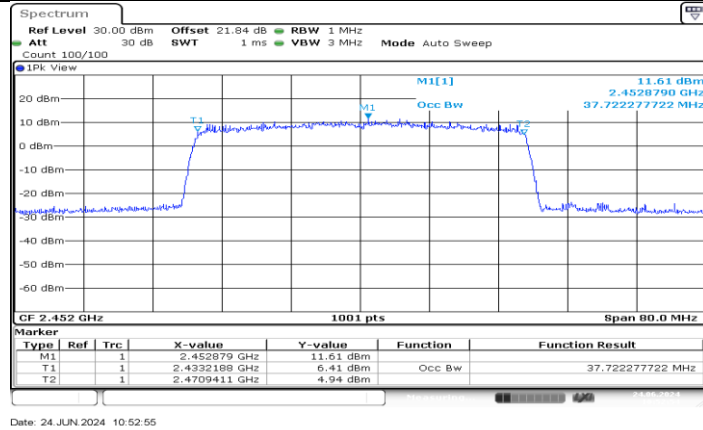
11AX40MIMO_Ant2_2422



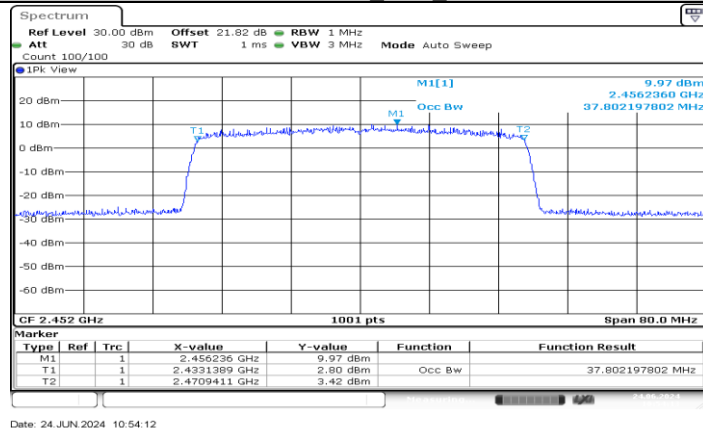
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	18.41	≤30.00	PASS
	Ant2	2412	17.54	≤30.00	PASS
	Ant1	2437	18.71	≤30.00	PASS
	Ant2	2437	17.44	≤30.00	PASS
	Ant1	2462	19.06	≤30.00	PASS
	Ant2	2462	17.56	≤30.00	PASS
11G	Ant1	2412	17.01	≤30.00	PASS
	Ant2	2412	16.08	≤30.00	PASS
	Ant1	2437	18.95	≤30.00	PASS
	Ant2	2437	16.99	≤30.00	PASS
	Ant1	2462	18.33	≤30.00	PASS
	Ant2	2462	16.50	≤30.00	PASS
11N20MIMO	Ant1	2412	16.25	≤30.00	PASS
	Ant2	2412	14.59	≤30.00	PASS
	total	2412	18.51	≤30.00	PASS
	Ant1	2437	16.77	≤30.00	PASS
	Ant2	2437	15.47	≤30.00	PASS
	total	2437	19.18	≤30.00	PASS
	Ant1	2462	17.20	≤30.00	PASS
	Ant2	2462	15.56	≤30.00	PASS
11N40MIMO	total	2462	19.47	≤30.00	PASS
	Ant1	2422	15.85	≤30.00	PASS
	Ant2	2422	14.96	≤30.00	PASS
	total	2422	18.44	≤30.00	PASS
	Ant1	2437	15.58	≤30.00	PASS
	Ant2	2437	14.22	≤30.00	PASS
	total	2437	17.96	≤30.00	PASS
	Ant1	2452	14.85	≤30.00	PASS
11AX20MIMO	Ant2	2452	13.91	≤30.00	PASS
	total	2452	17.42	≤30.00	PASS
	Ant1	2412	15.07	≤30.00	PASS
	Ant2	2412	13.90	≤30.00	PASS
	total	2412	17.53	≤30.00	PASS
	Ant1	2437	15.07	≤30.00	PASS
	Ant2	2437	13.96	≤30.00	PASS
	total	2437	17.56	≤30.00	PASS
11AX40MIMO	Ant1	2462	15.18	≤30.00	PASS
	Ant2	2462	14.07	≤30.00	PASS
	total	2462	17.67	≤30.00	PASS
	Ant1	2422	15.73	≤30.00	PASS
	Ant2	2422	14.12	≤30.00	PASS
	total	2422	18.01	≤30.00	PASS
	Ant1	2437	15.39	≤30.00	PASS
	Ant2	2437	13.74	≤30.00	PASS
	total	2437	17.65	≤30.00	PASS
	Ant1	2452	14.96	≤30.00	PASS
	Ant2	2452	13.89	≤30.00	PASS
	total	2452	17.47	≤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.

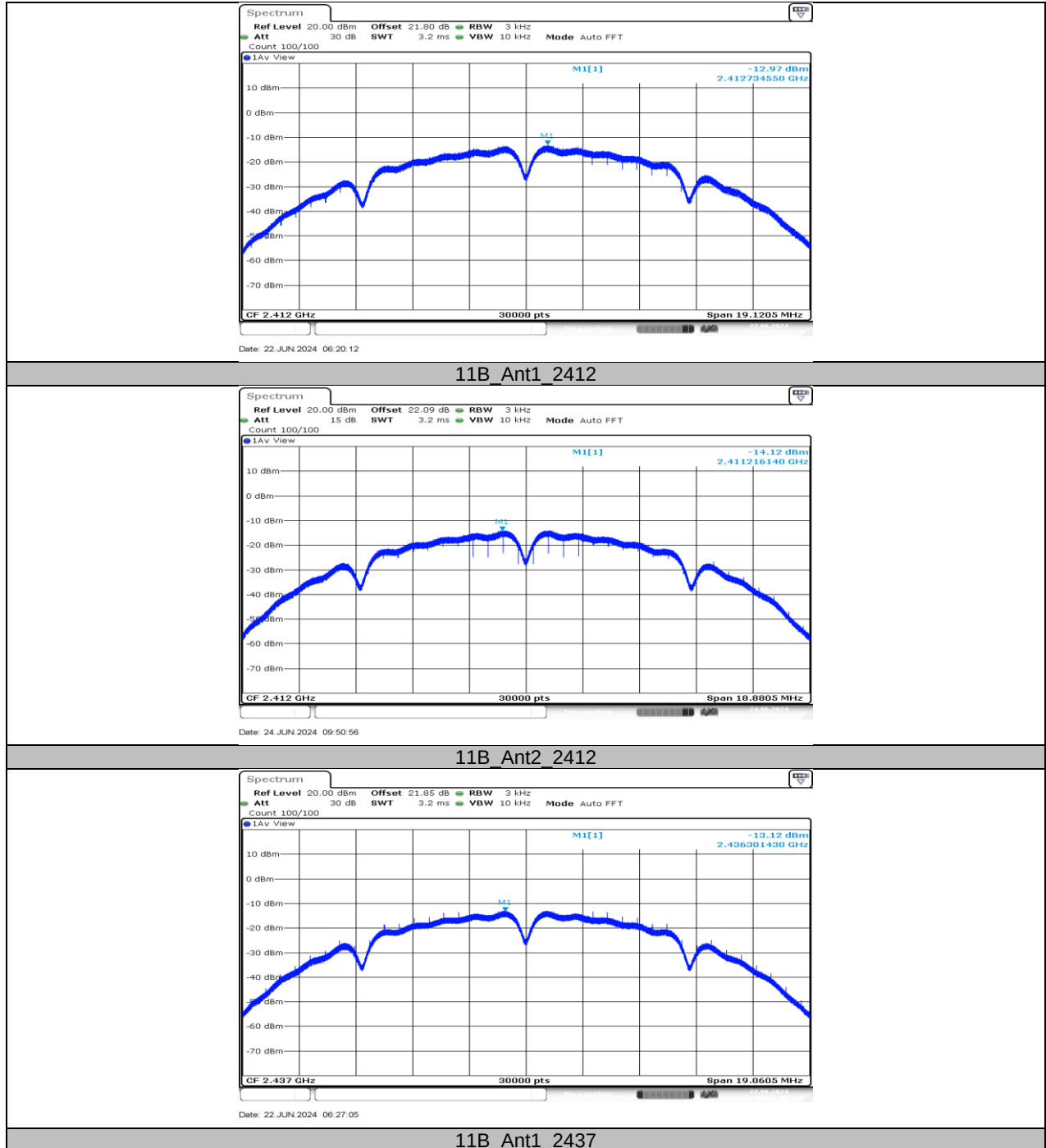
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

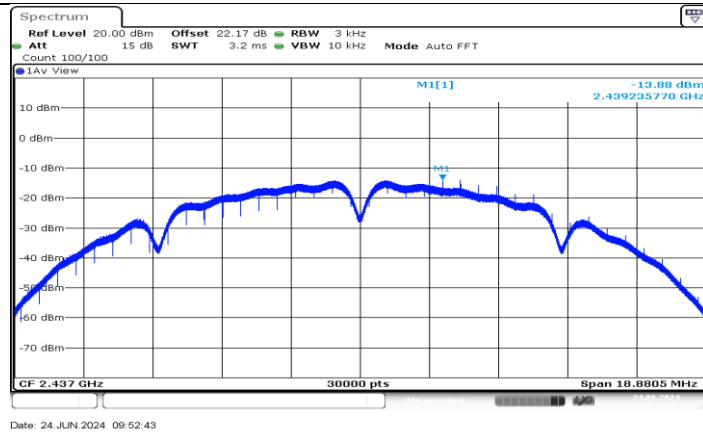
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.97	≤8.00	PASS
	Ant2	2412	-14.12	≤8.00	PASS
	Ant1	2437	-13.12	≤8.00	PASS
	Ant2	2437	-13.88	≤8.00	PASS
	Ant1	2462	-13.37	≤8.00	PASS
	Ant2	2462	-13.25	≤8.00	PASS
11G	Ant1	2412	-14.53	≤8.00	PASS
	Ant2	2412	-15.94	≤8.00	PASS
	Ant1	2437	-13.11	≤8.00	PASS
	Ant2	2437	-15.19	≤8.00	PASS
	Ant1	2462	-13.64	≤8.00	PASS
	Ant2	2462	-15.33	≤8.00	PASS
11N20MIMO	Ant1	2412	-16.09	≤8.00	PASS
	Ant2	2412	-17.31	≤8.00	PASS
	total	2412	-13.65	≤7.27	PASS
	Ant1	2437	-15.51	≤8.00	PASS
	Ant2	2437	-16.63	≤8.00	PASS
	total	2437	-13.02	≤7.27	PASS
	Ant1	2462	-14.97	≤8.00	PASS
	Ant2	2462	-16.79	≤8.00	PASS
	total	2462	-12.78	≤7.27	PASS
	Ant1	2412	-18.77	≤8.00	PASS
11N40MIMO	Ant2	2422	-19.82	≤8.00	PASS
	total	2422	-16.25	≤7.27	PASS
	Ant1	2437	-18.76	≤8.00	PASS
	Ant2	2437	-20.53	≤8.00	PASS
	total	2437	-16.55	≤7.27	PASS
	Ant1	2452	-19.32	≤8.00	PASS
	Ant2	2452	-20.74	≤8.00	PASS
	total	2452	-16.96	≤7.27	PASS
	Ant1	2412	-17.86	≤8.00	PASS
	Ant2	2412	-19.01	≤8.00	PASS
11AX20MIMO	total	2412	-15.39	≤7.27	PASS
	Ant1	2437	-17.80	≤8.00	PASS
	Ant2	2437	-19.01	≤8.00	PASS
	total	2437	-15.35	≤7.27	PASS
	Ant1	2462	-17.56	≤8.00	PASS
	Ant2	2462	-19.06	≤8.00	PASS
	total	2462	-15.24	≤7.27	PASS
	Ant1	2422	-20.46	≤8.00	PASS
	Ant2	2422	-21.47	≤8.00	PASS
	total	2422	-17.93	≤7.27	PASS
11AX40MIMO	Ant1	2437	-20.27	≤8.00	PASS
	Ant2	2437	-22.25	≤8.00	PASS
	total	2437	-18.14	≤7.27	PASS
	Ant1	2452	-20.75	≤8.00	PASS
	Ant2	2452	-22.05	≤8.00	PASS
	total	2452	-18.34	≤7.27	PASS

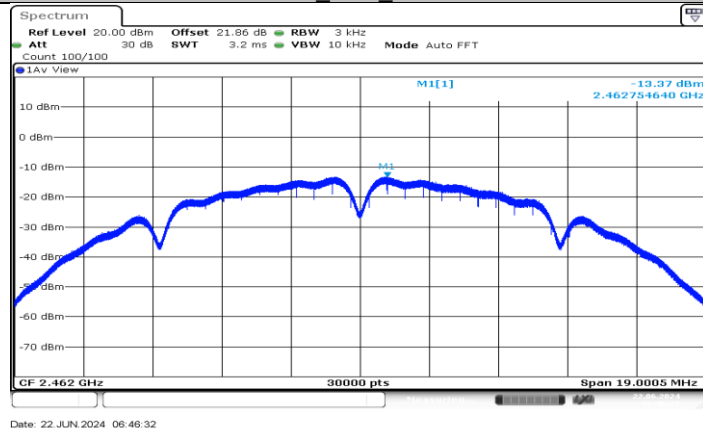
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

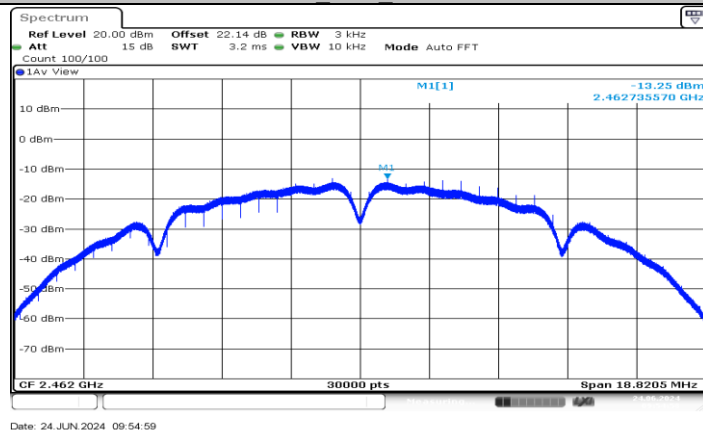




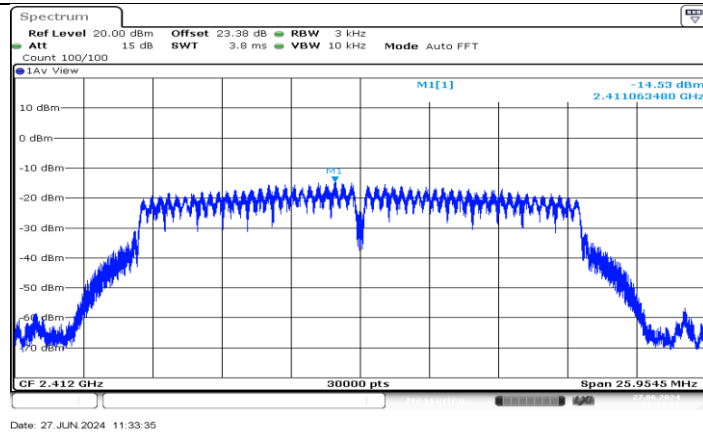
11B_Ant2_2437



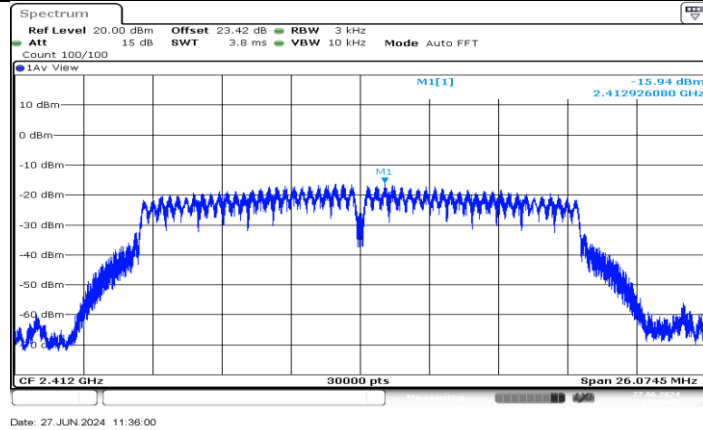
11B_Ant1_2462



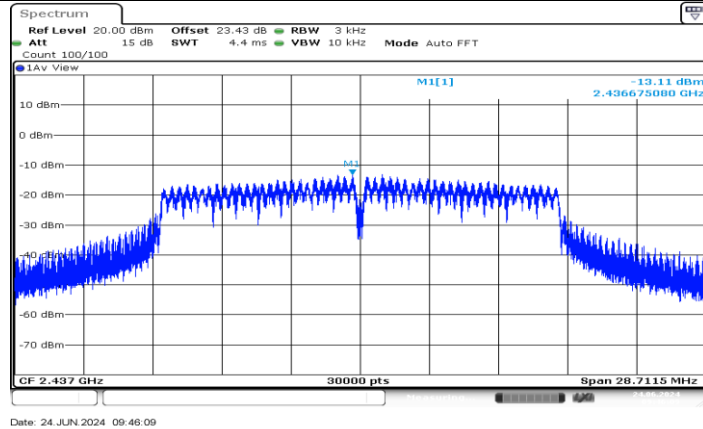
11B_Ant2_2462



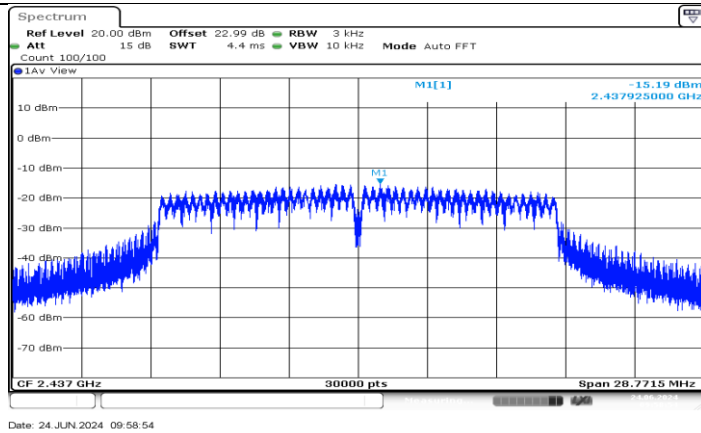
11G_Ant1_2412



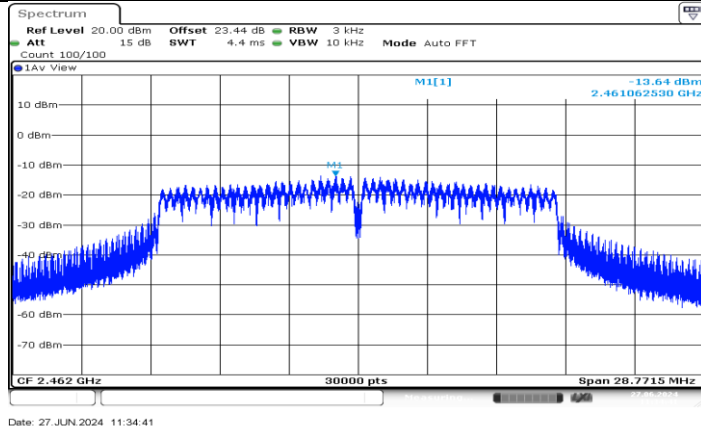
11G_Ant2_2412



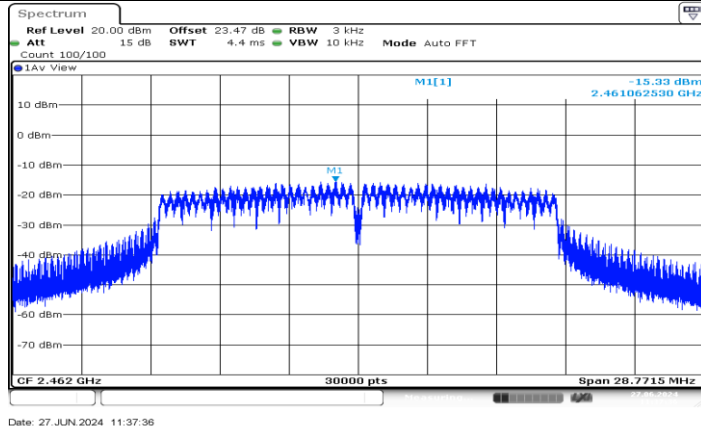
11G_Ant1_2437



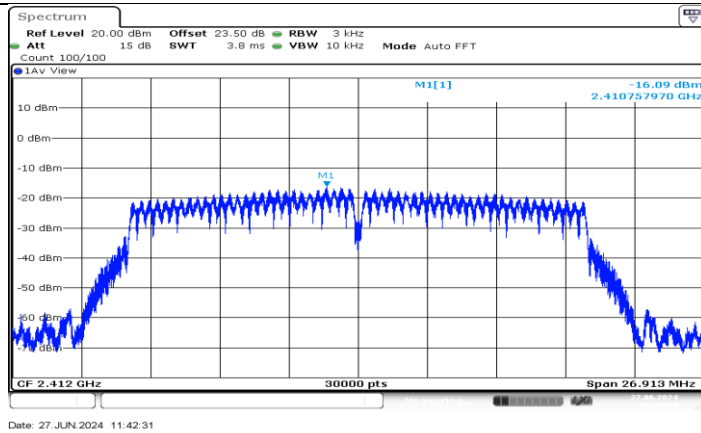
11G_Ant2_2437



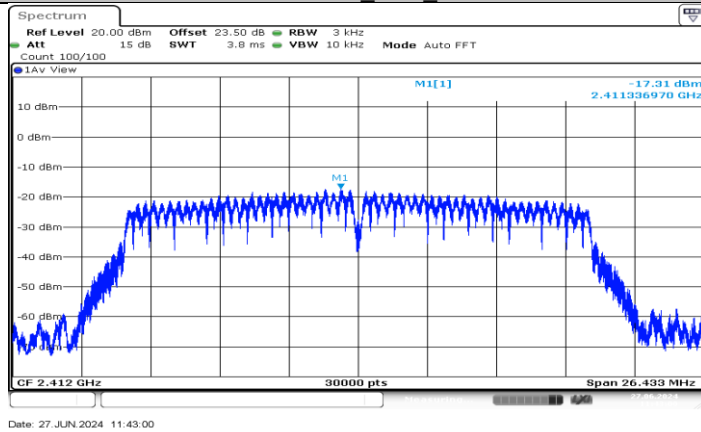
11G_Ant1_2462



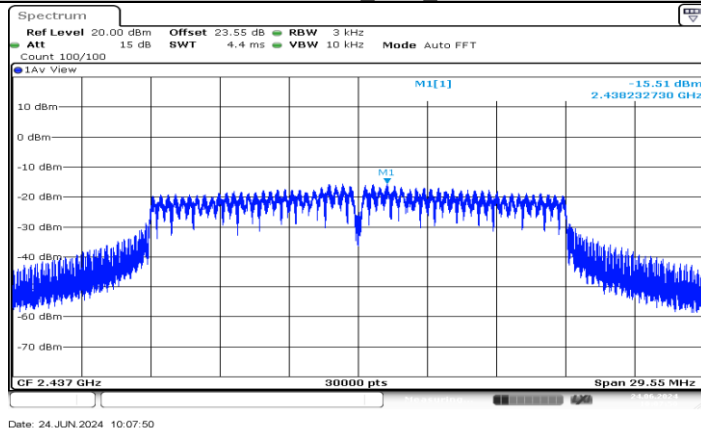
11G_Ant2_2462



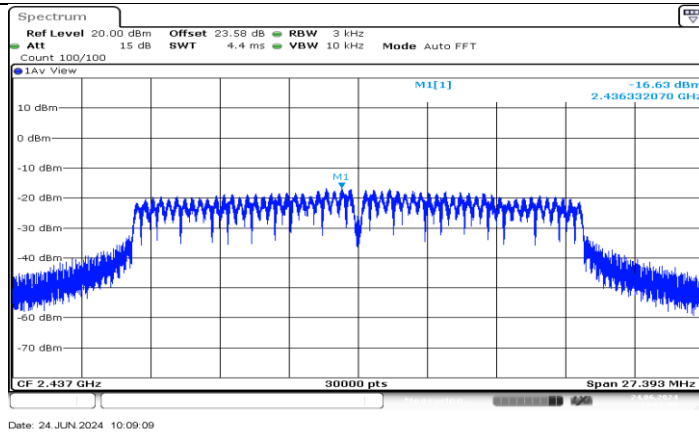
11N20MIMO Ant1 2412



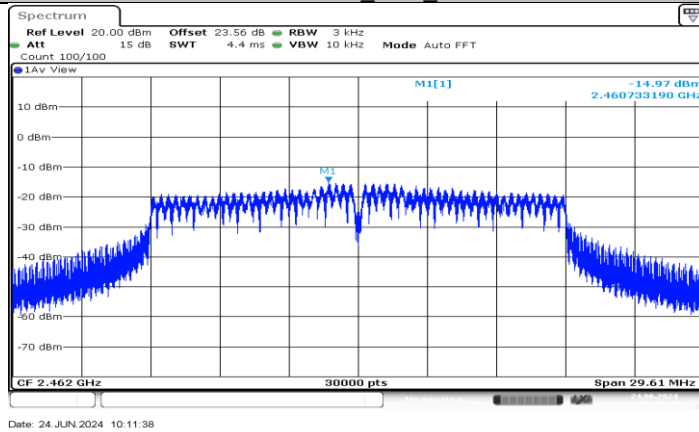
11N20MIMO Ant2 2412



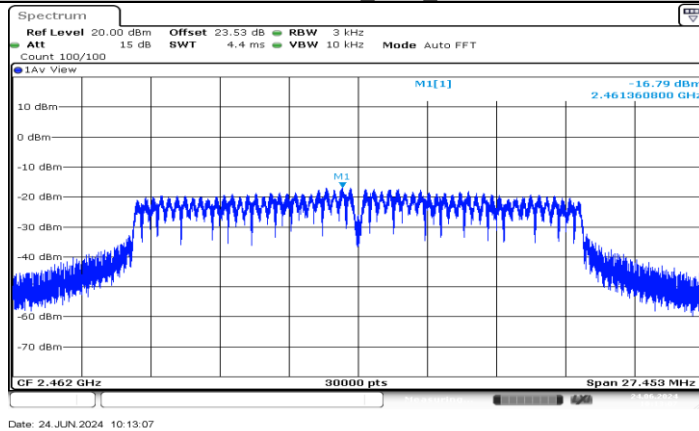
11N20MIMO Ant1 2437



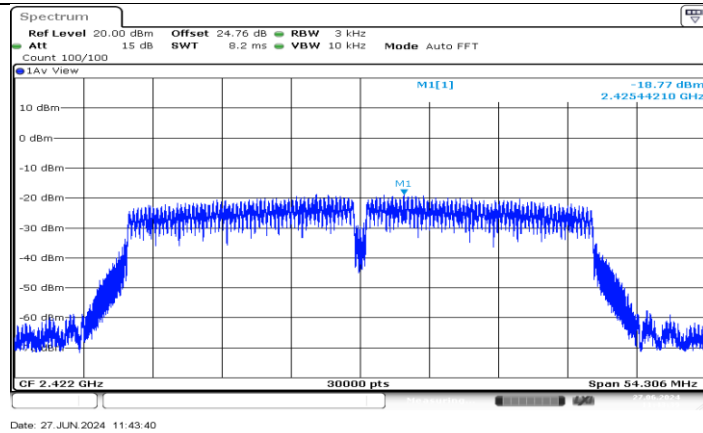
11N20MIMO_Ant2_2437



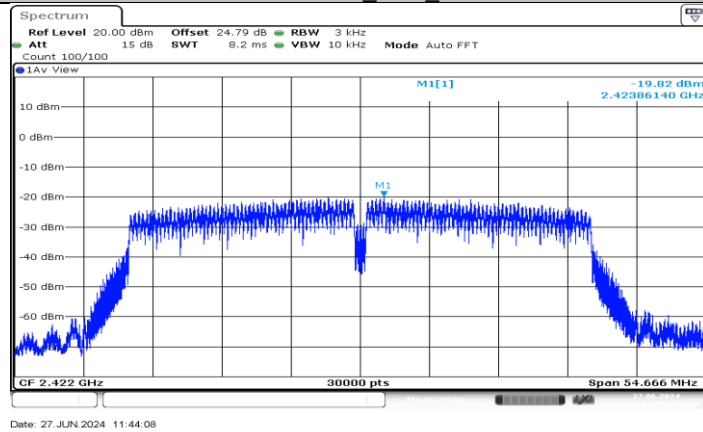
11N20MIMO_Ant1_2462



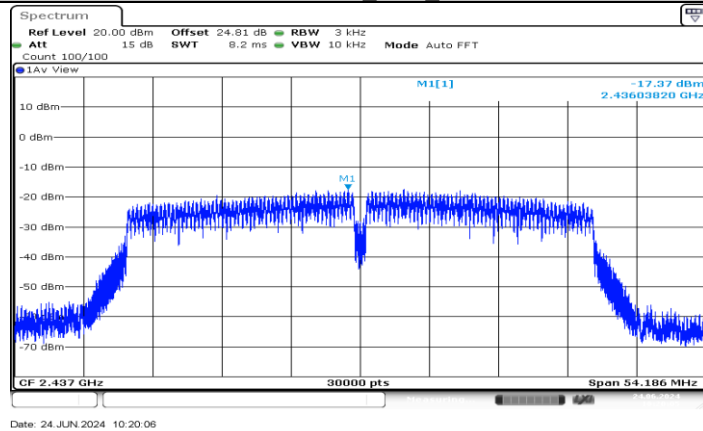
11N20MIMO_Ant2_2462



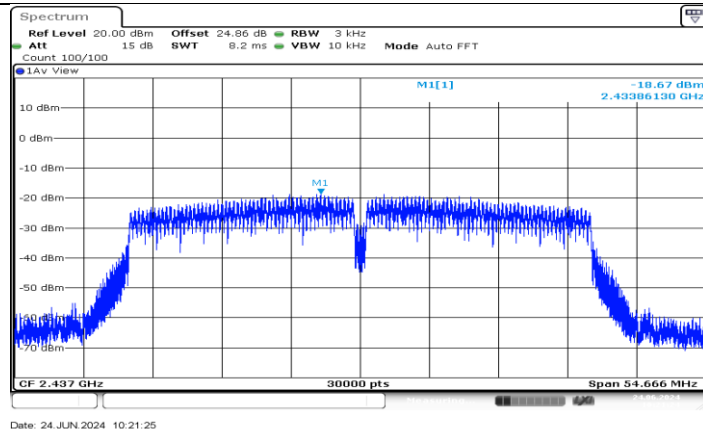
11N40MIMO_Ant1_2422



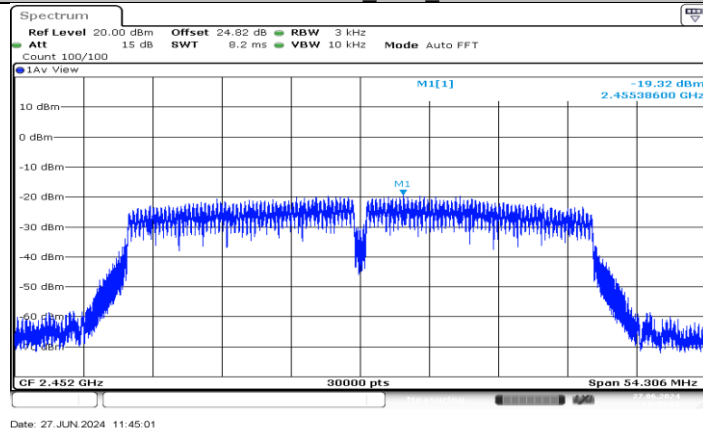
11N40MIMO_Ant2_2422



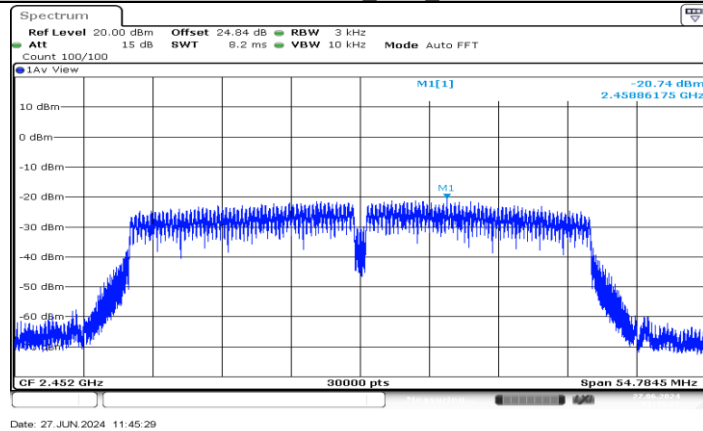
11N40MIMO_Ant1_2437



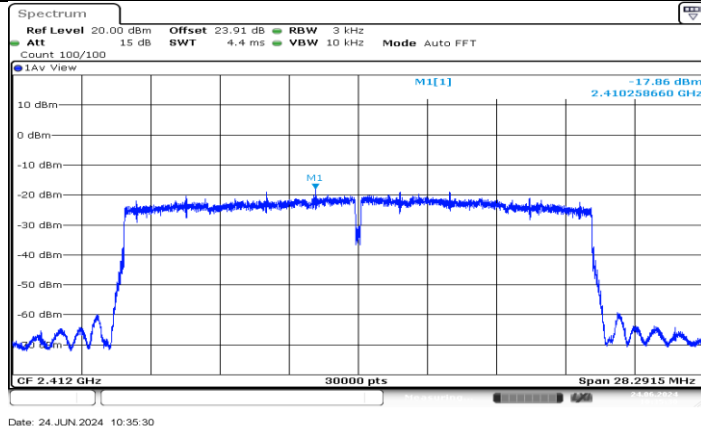
11N40MIMO_Ant2_2437



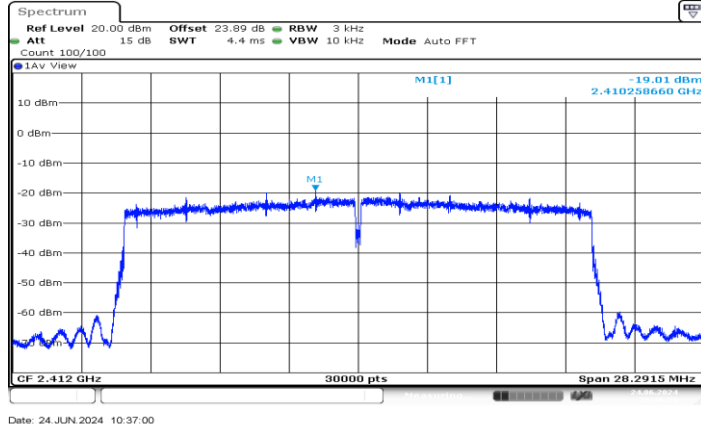
11N40MIMO_Ant1_2452



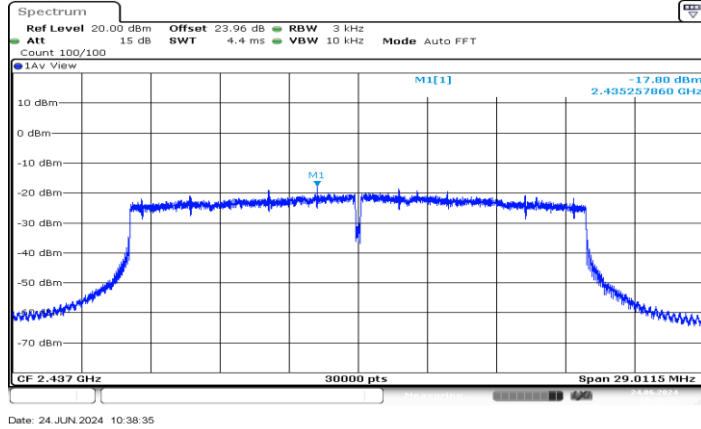
11N40MIMO_Ant2_2452



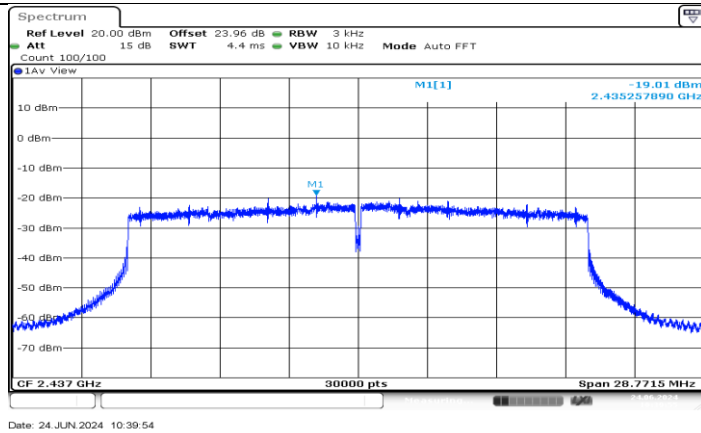
11AX20MIMO_Ant1_2412



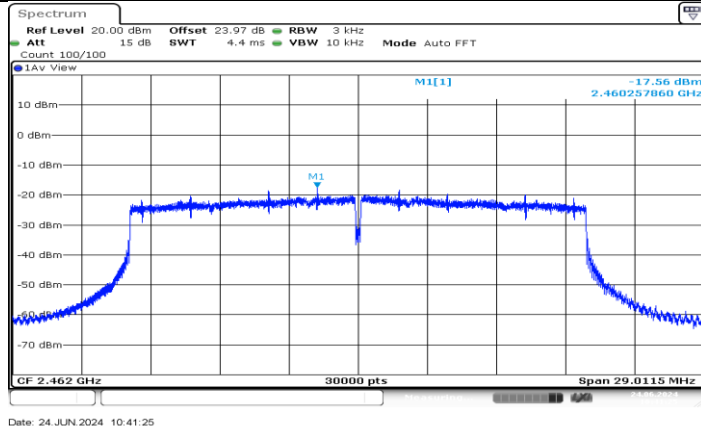
11AX20MIMO_Ant2_2412



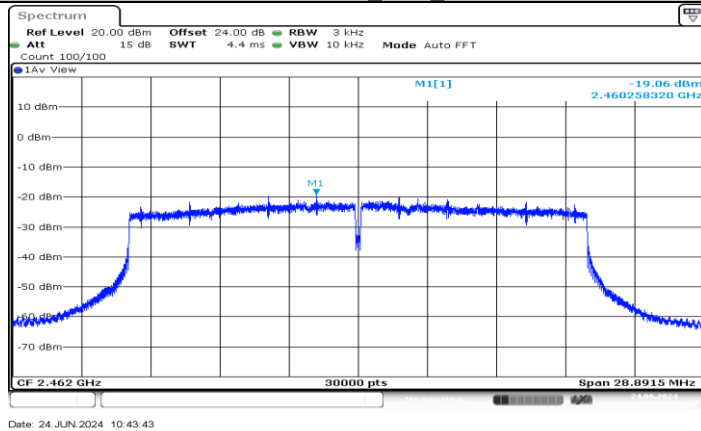
11AX20MIMO_Ant1_2437



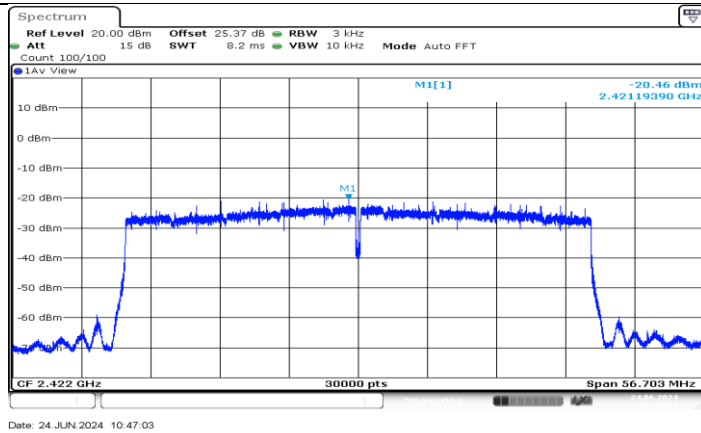
11AX20MIMO_Ant2_2437



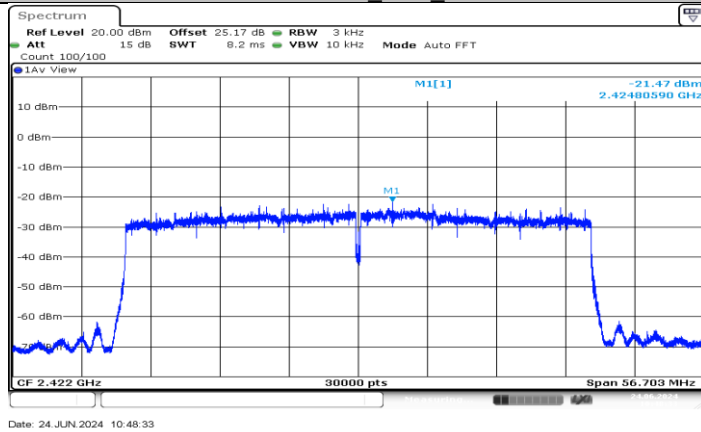
11AX20MIMO_Ant1_2462



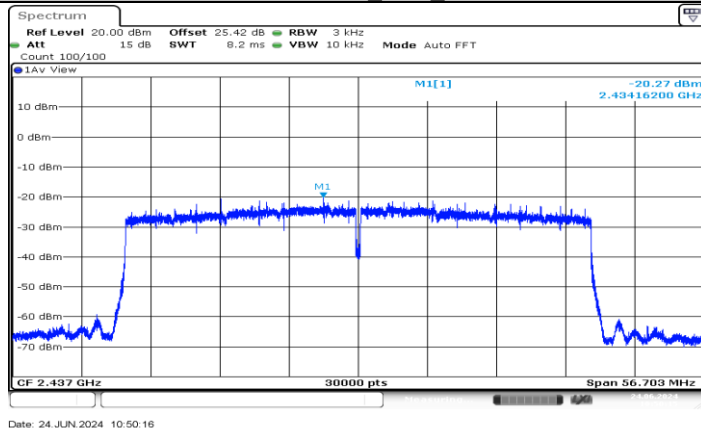
11AX20MIMO_Ant2_2462



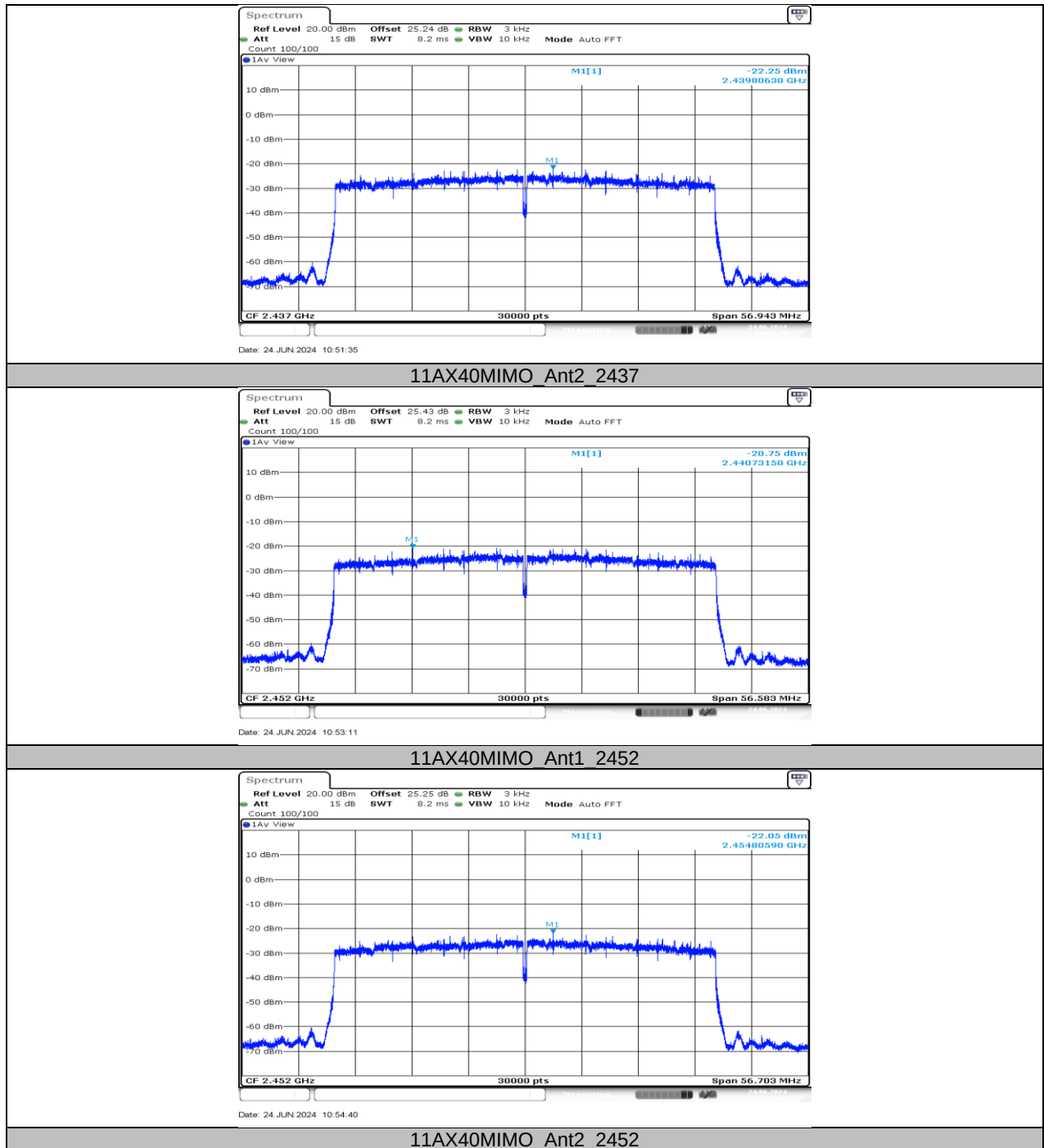
11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437

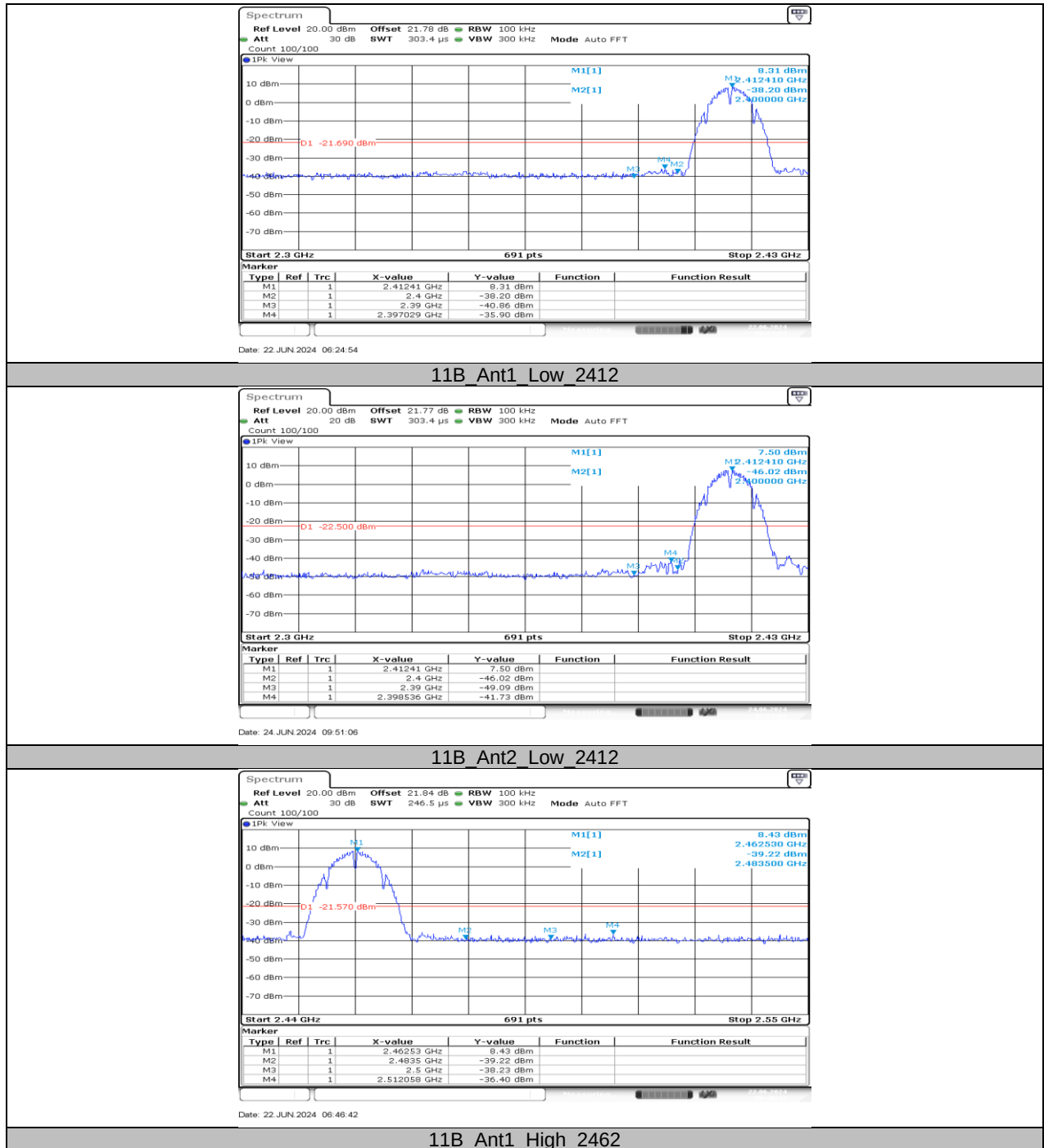


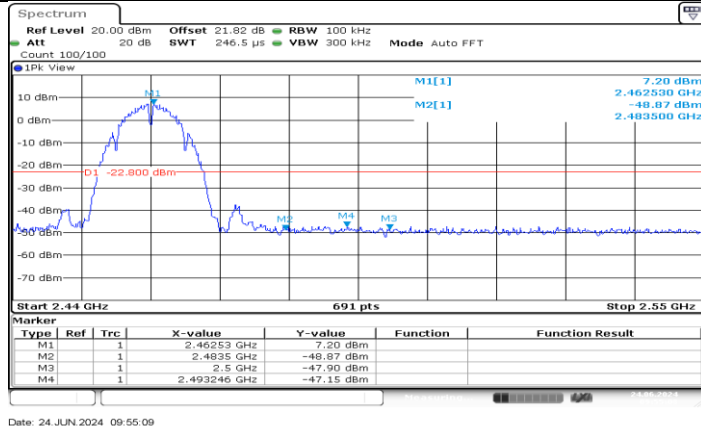
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

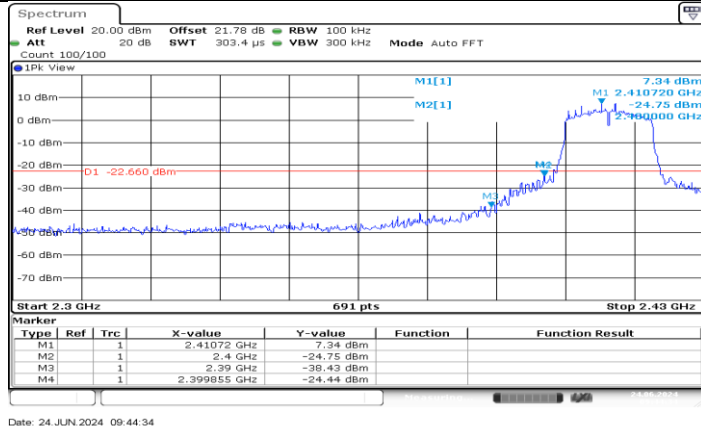
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.31	-35.9	≤-21.69	PASS
	Ant2	Low	2412	7.50	-41.73	≤-22.5	PASS
	Ant1	High	2462	8.43	-36.4	≤-21.57	PASS
	Ant2	High	2462	7.20	-47.15	≤-22.8	PASS
11G	Ant1	Low	2412	7.34	-24.44	≤-22.66	PASS
	Ant2	Low	2412	6.39	-24.71	≤-23.61	PASS
	Ant1	High	2462	5.48	-36.91	≤-24.52	PASS
	Ant2	High	2462	5.57	-38.24	≤-24.43	PASS
11N20MIMO	Ant1	Low	2412	6.36	-33.86	≤-23.64	PASS
	Ant2	Low	2412	4.81	-35.58	≤-25.19	PASS
	Ant1	High	2462	3.64	-45.3	≤-26.36	PASS
	Ant2	High	2462	4.39	-44.38	≤-25.61	PASS
11N40MIMO	Ant1	Low	2422	2.88	-38.01	≤-27.12	PASS
	Ant2	Low	2422	1.80	-39.49	≤-28.2	PASS
	Ant1	High	2452	2.30	-34.8	≤-27.7	PASS
	Ant2	High	2452	2.11	-38.78	≤-27.89	PASS
11AX20MIMO	Ant1	Low	2412	3.22	-42.59	≤-26.78	PASS
	Ant2	Low	2412	1.98	-43.3	≤-28.02	PASS
	Ant1	High	2462	3.63	-46	≤-26.37	PASS
	Ant2	High	2462	1.70	-46.13	≤-28.3	PASS
11AX40MIMO	Ant1	Low	2422	0.85	-40.53	≤-29.15	PASS
	Ant2	Low	2422	-0.16	-41.91	≤-30.16	PASS
	Ant1	High	2452	0.82	-40.03	≤-29.18	PASS
	Ant2	High	2452	-0.70	-41.98	≤-30.7	PASS

11.5.2. Test Graphs

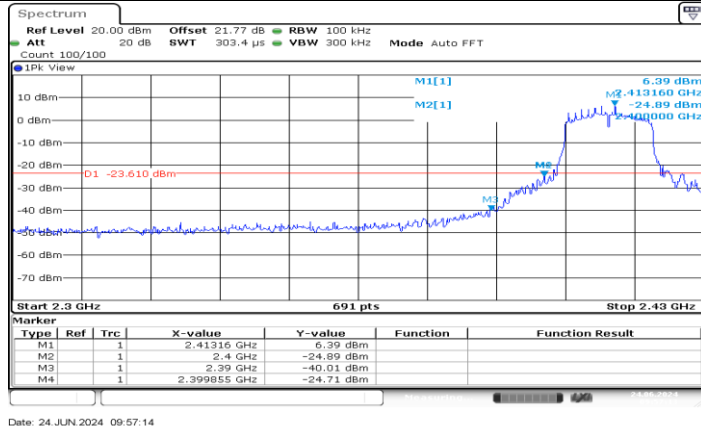




11B_Ant2_High_2462



11G_Ant1_Low_2412



11G_Ant2_Low_2412