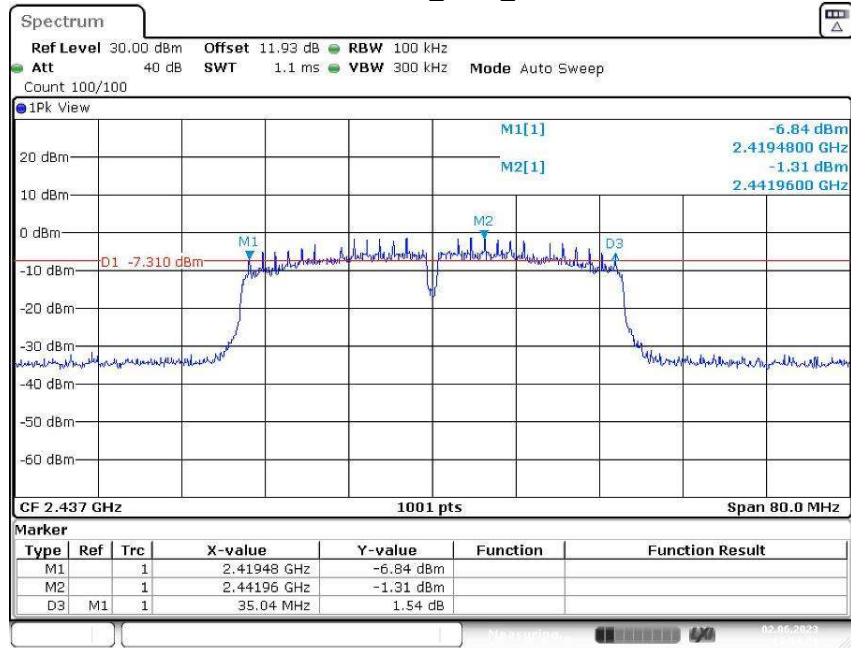
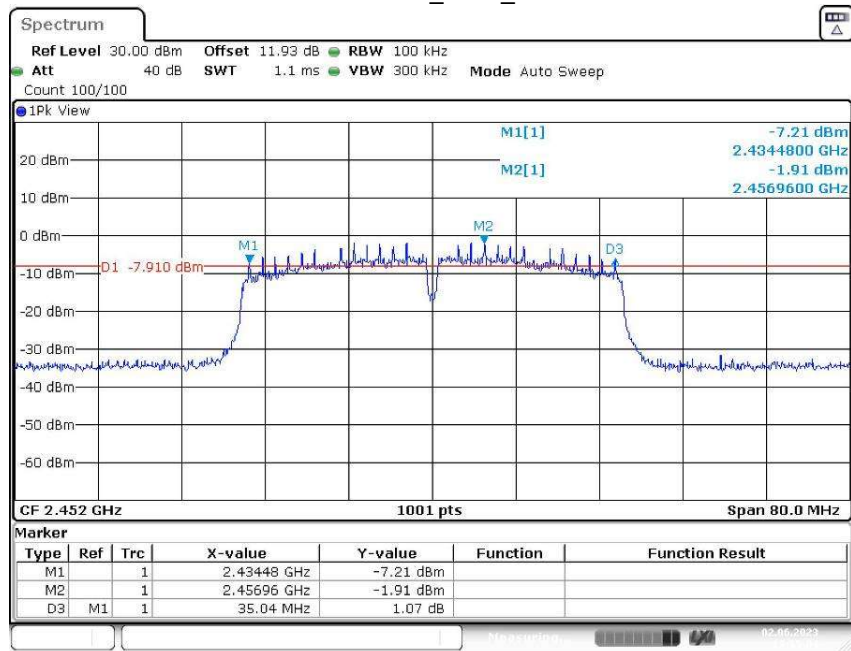


11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

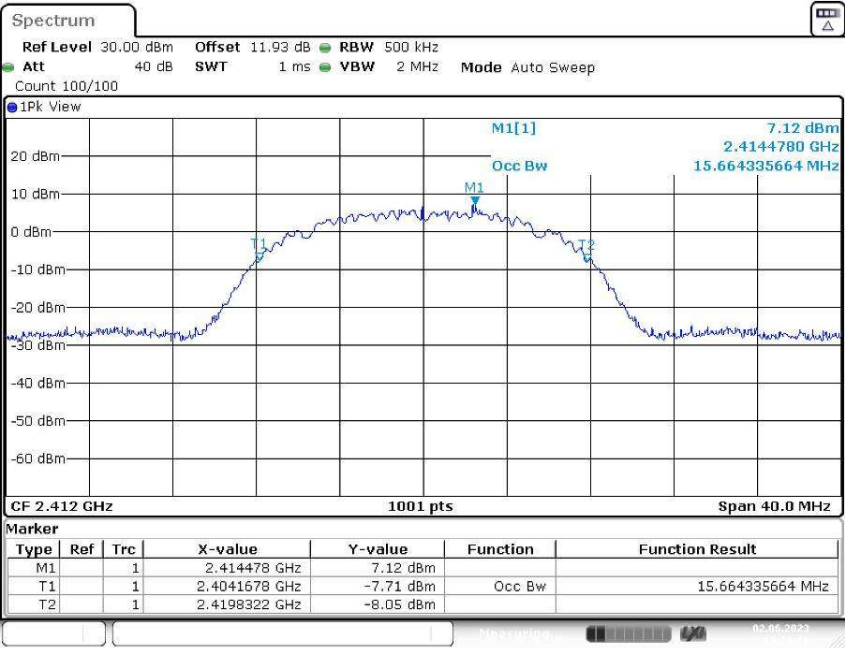


Appendix B: Occupied Channel Bandwidth**Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.664	2404.1678	2419.8322	---	PASS
		2437	15.624	2429.1678	2444.7922	---	PASS
		2462	15.744	2454.0879	2469.8322	---	PASS
11G	Ant1	2412	17.622	2403.1688	2420.7912	---	PASS
		2437	17.582	2428.1688	2445.7512	---	PASS
		2462	17.582	2453.2088	2470.7912	---	PASS
11N20SISO	Ant1	2412	18.462	2402.7692	2421.2308	---	PASS
		2437	18.462	2427.7692	2446.2308	---	PASS
		2462	18.501	2452.7293	2471.2308	---	PASS
11N40SISO	Ant1	2422	36.204	2404.0180	2440.2218	---	PASS
		2437	36.284	2418.9381	2455.2218	---	PASS
		2452	36.204	2433.9381	2470.1419	---	PASS

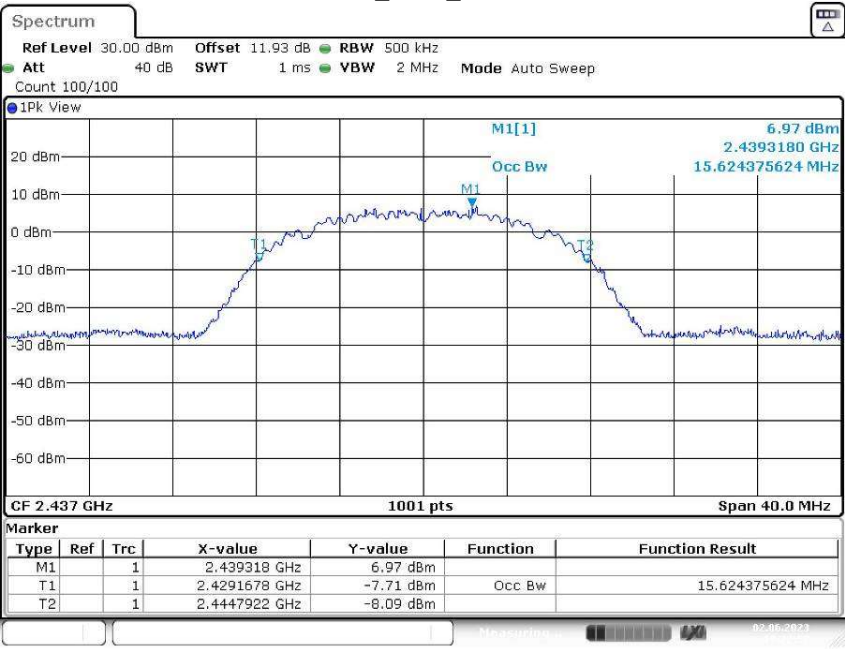
Test Graphs

11B_Ant1_2412



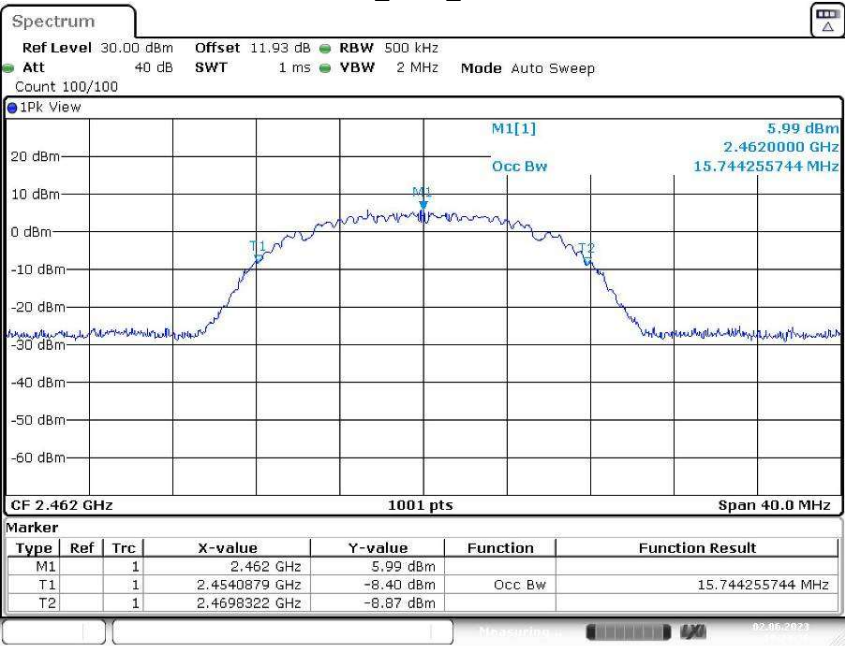
Date: 2.JUN.2023 19:29:16

11B_Ant1_2437

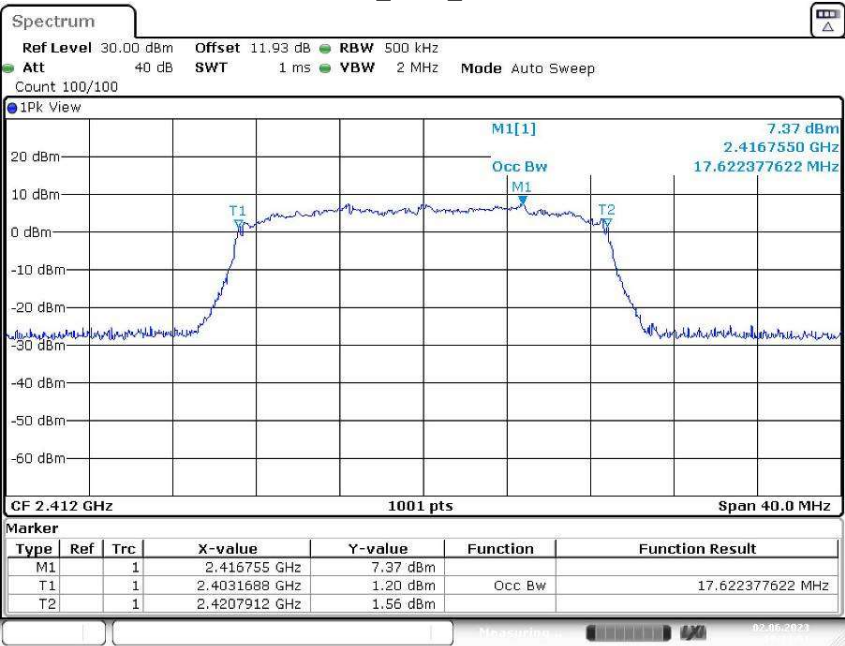


Date: 2.JUN.2023 19:22:56

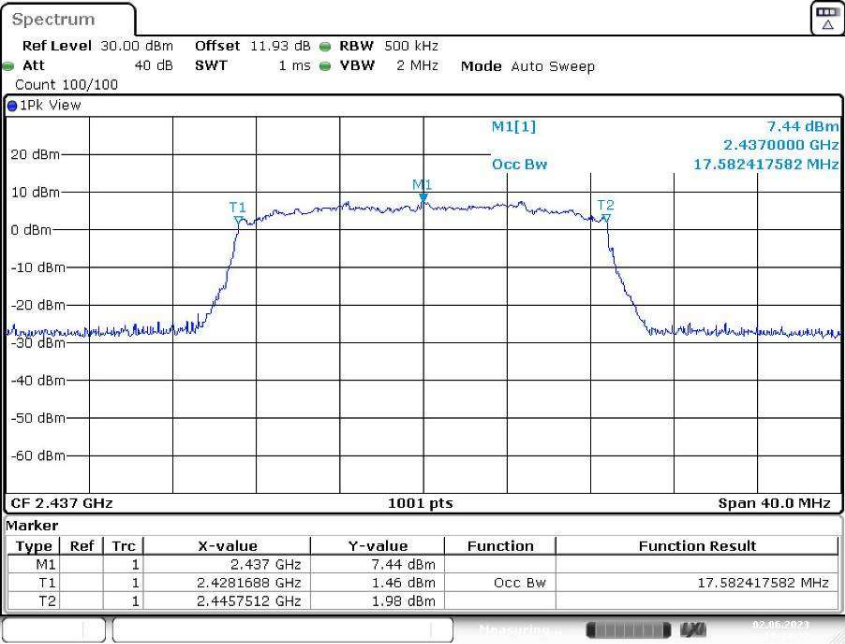
11B_Ant1_2462



11G_Ant1_2412

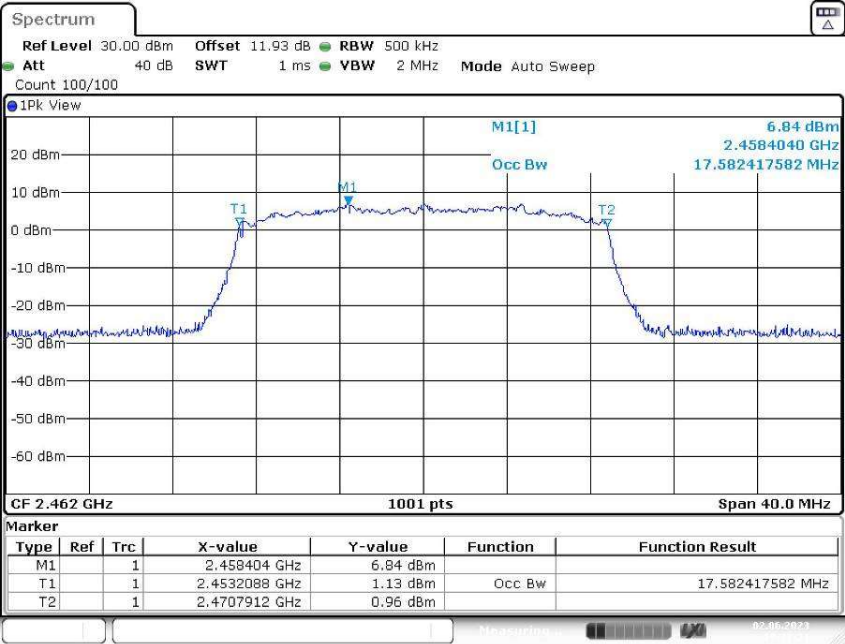


11G_Ant1_2437



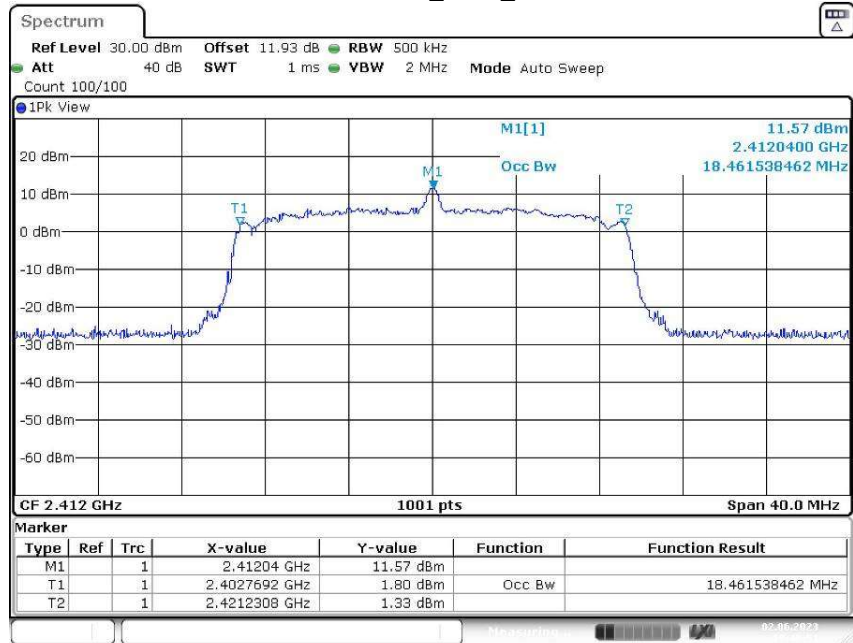
Date: 2.JUN.2023 19:34:37

11G_Ant1_2462

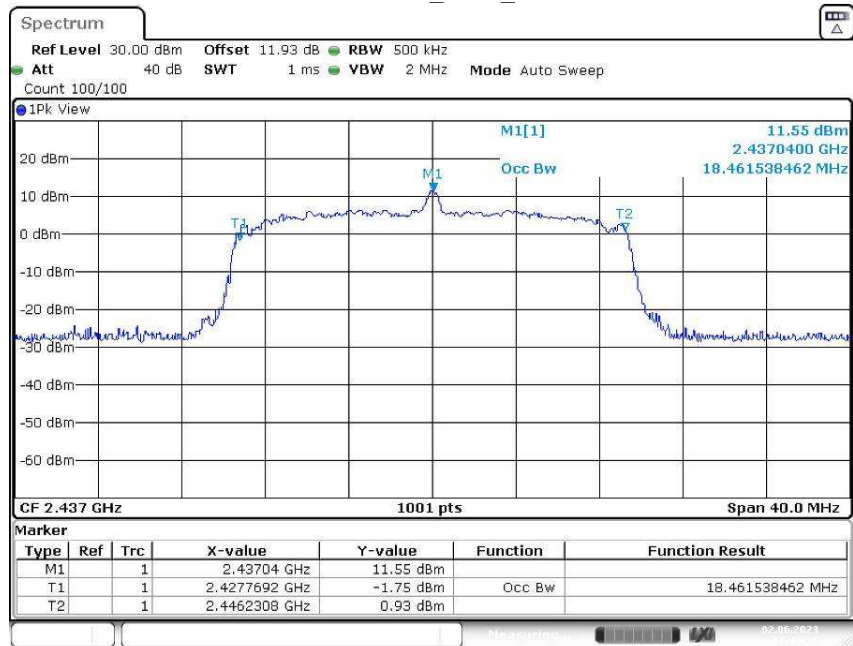


Date: 2.JUN.2023 19:37:20

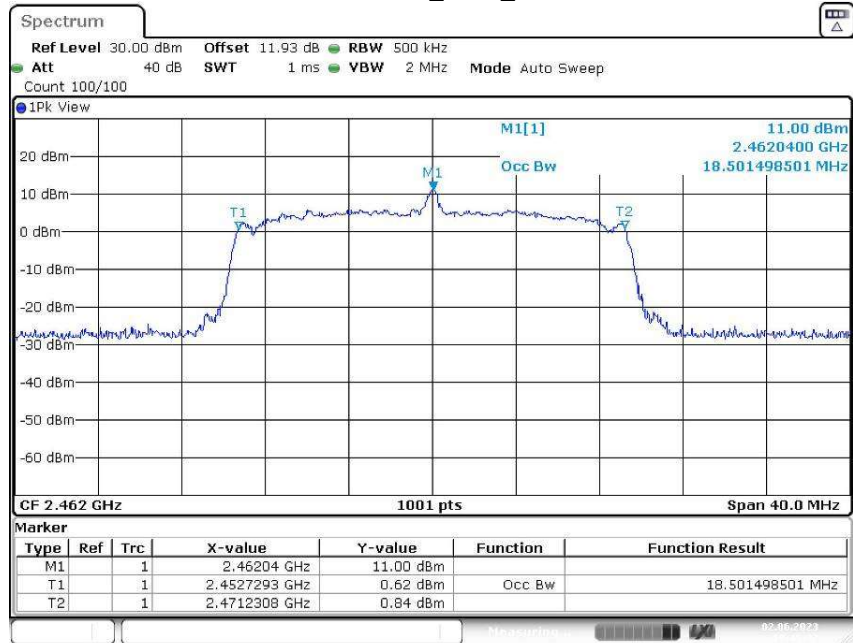
11N20SISO_Ant1_2412



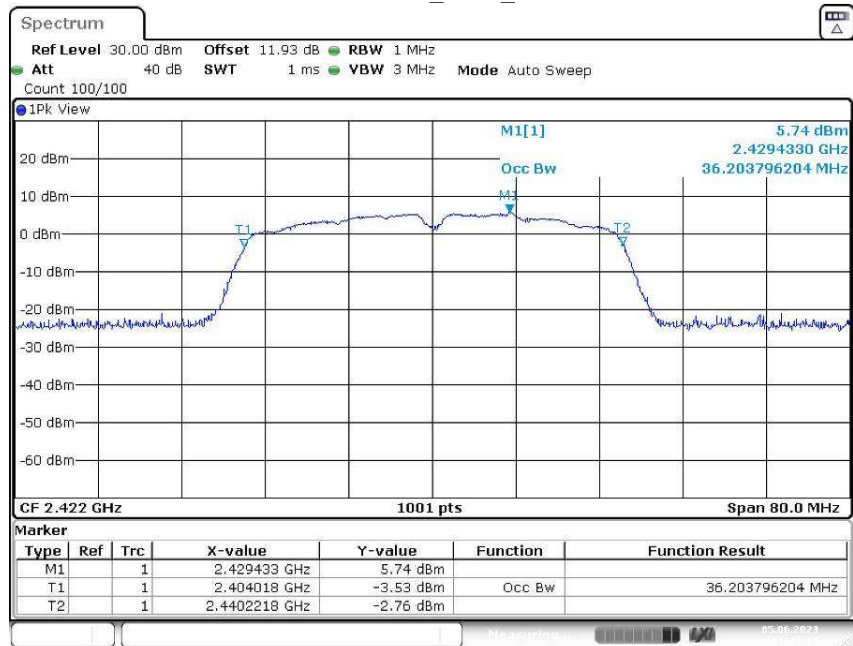
11N20SISO_Ant1_2437



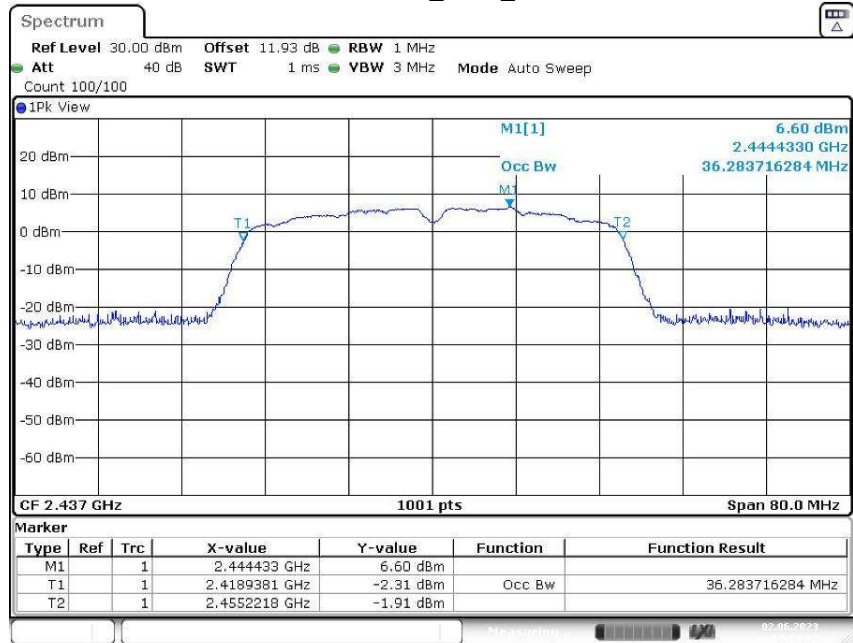
11N20SISO_Ant1_2462



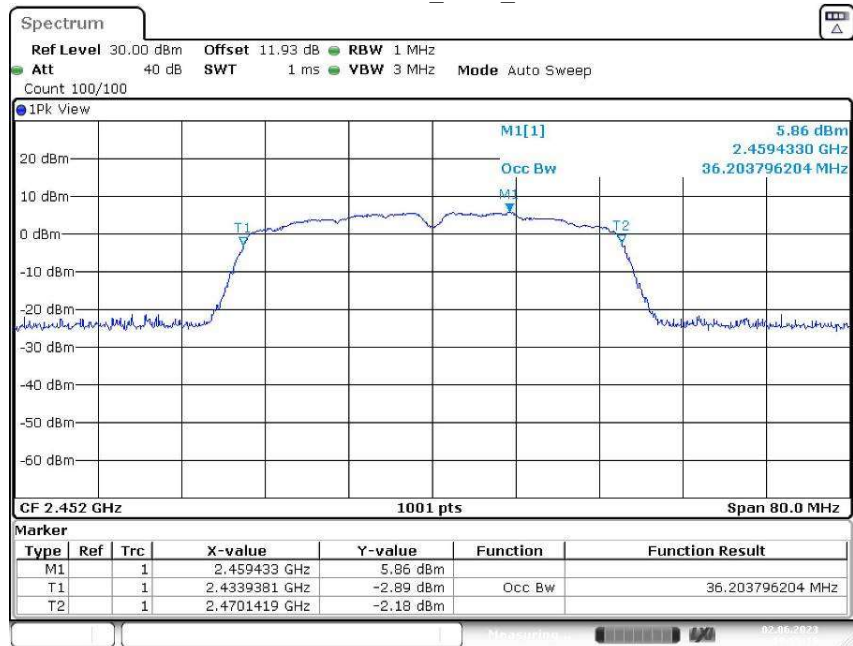
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum Conducted Output Power**Test Result**

Test Mode	Antenna	Channel	Average Power[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.51	≤ 30	PASS
		2437	14.50	≤ 30	PASS
		2462	13.91	≤ 30	PASS
11G	Ant1	2412	13.07	≤ 30	PASS
		2437	13.07	≤ 30	PASS
		2462	12.54	≤ 30	PASS
11N20SISO	Ant1	2412	12.88	≤ 30	PASS
		2437	12.88	≤ 30	PASS
		2462	12.34	≤ 30	PASS
11N40SISO	Ant1	2422	10.71	≤ 30	PASS
		2437	11.67	≤ 30	PASS
		2452	11.02	≤ 30	PASS

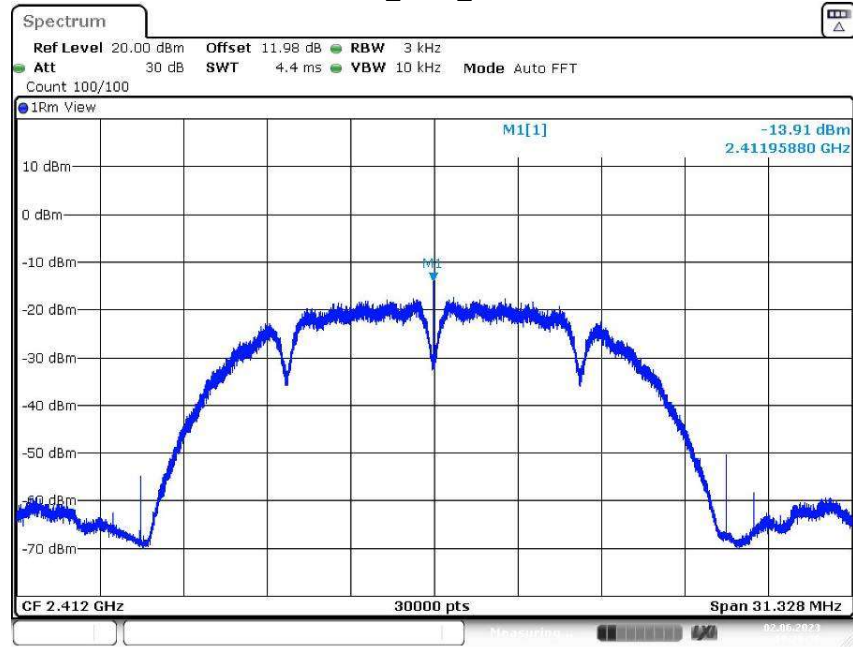
Appendix D: Power Spectral Density**Test Result**

Test Mode	Antenna	Channel[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.91	<=8	PASS
		2437	-14.12	<=8	PASS
		2462	-14.6	<=8	PASS
11G	Ant1	2412	-17.33	<=8	PASS
		2437	-17.45	<=8	PASS
		2462	-17.43	<=8	PASS
11N20SISO	Ant1	2412	-17.03	<=8	PASS
		2437	-16.56	<=8	PASS
		2462	-18.14	<=8	PASS
11N40SISO	Ant1	2422	-18.2	<=8	PASS
		2437	-17.02	<=8	PASS
		2452	-17.52	<=8	PASS

Note: The Unit of Result is dBm/10kHz for 802.11n40 mode.

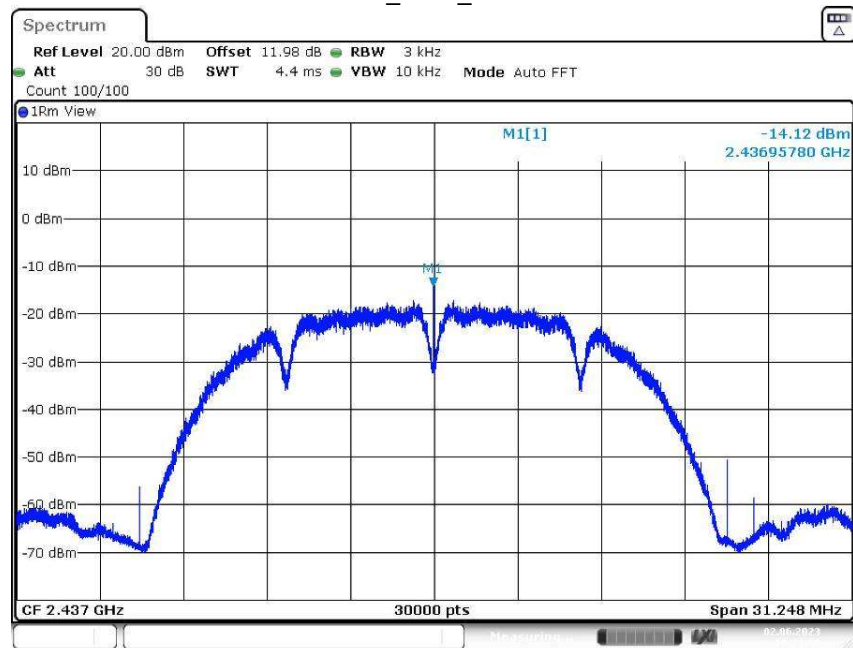
Test Graphs

11B_Ant1_2412



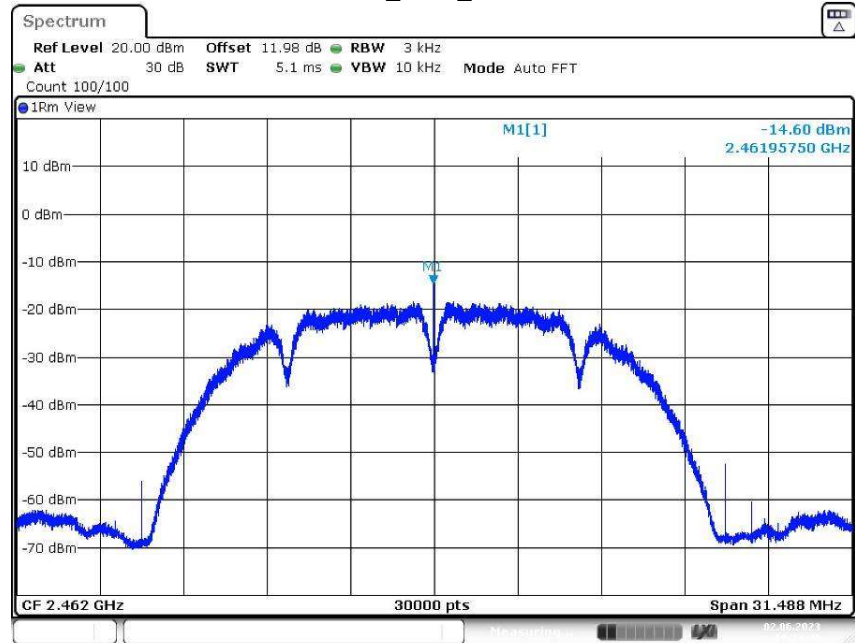
Date: 2.JUN.2023 19:29:29

11B_Ant1_2437

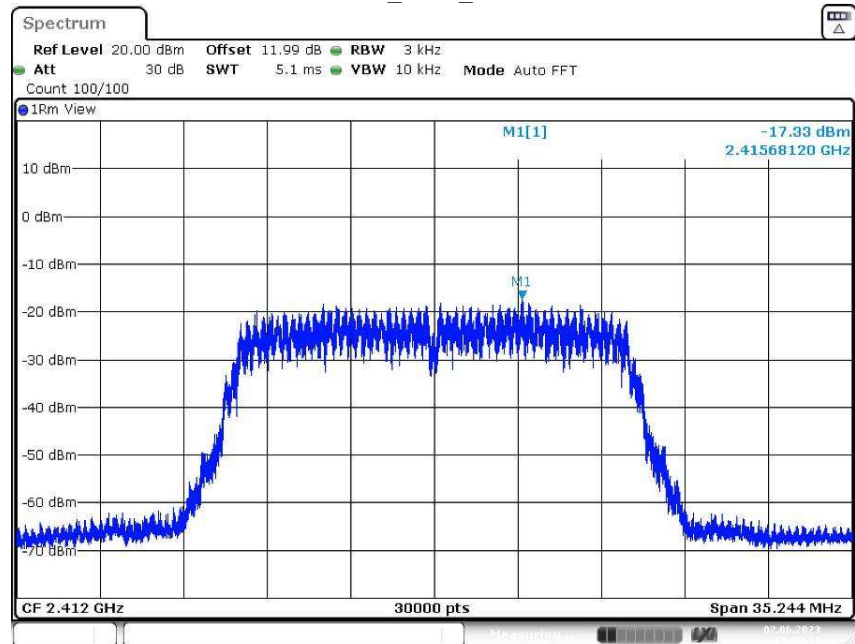


Date: 2.JUN.2023 19:23:09

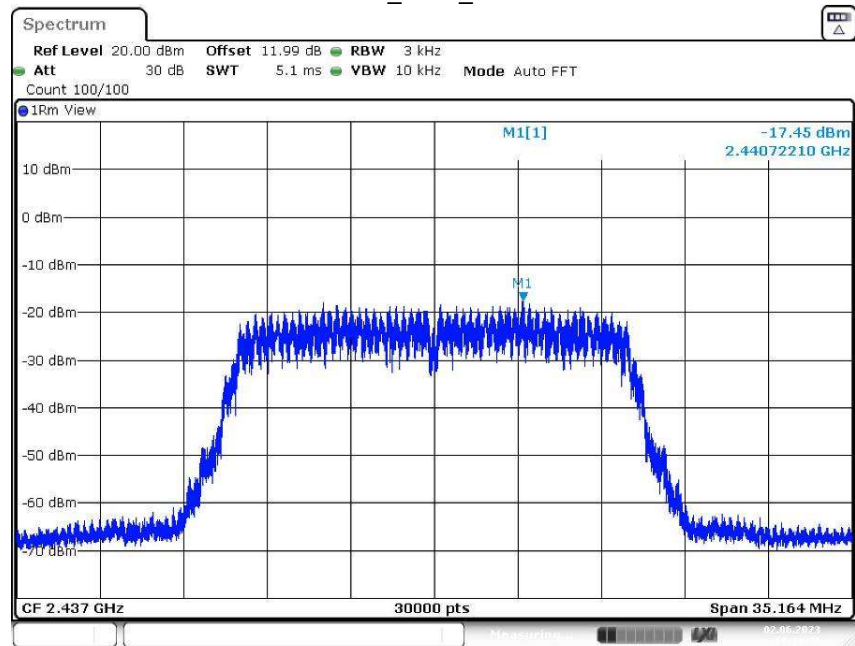
11B_Ant1_2462



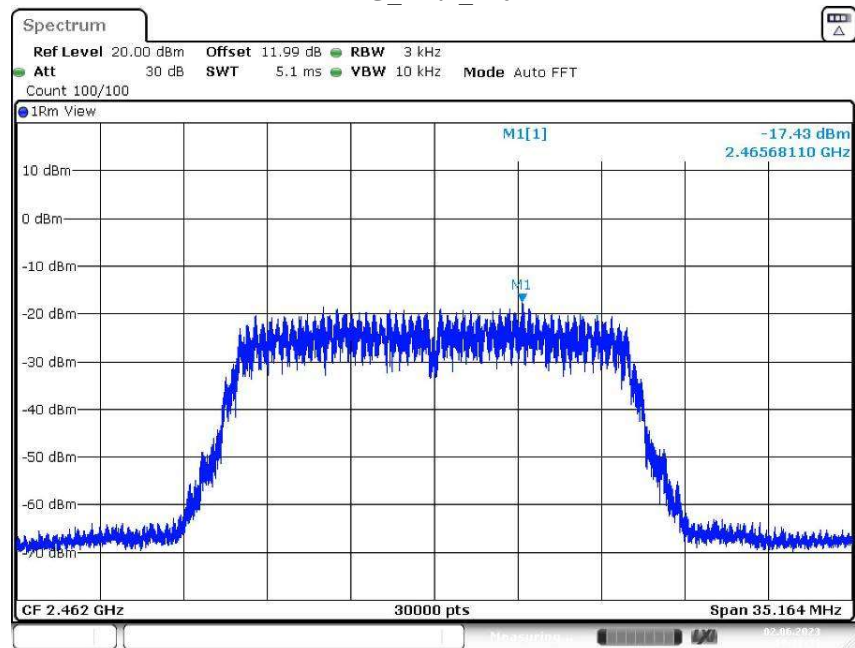
11G_Ant1_2412



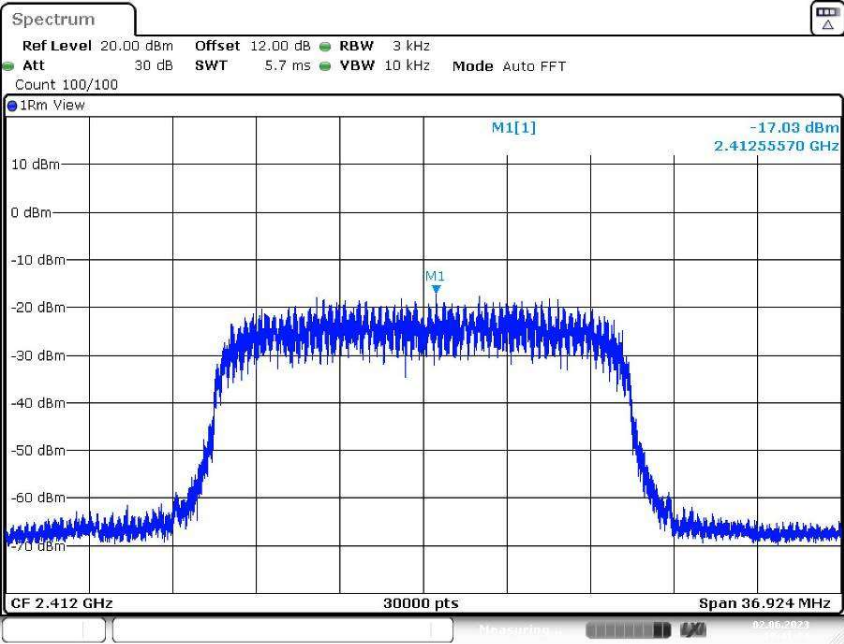
11G_Ant1_2437



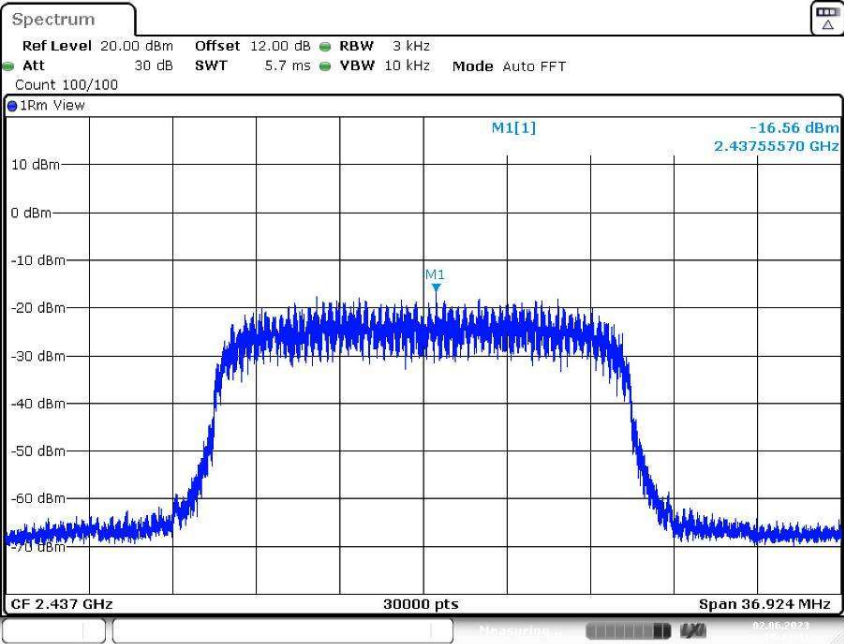
11G_Ant1_2462



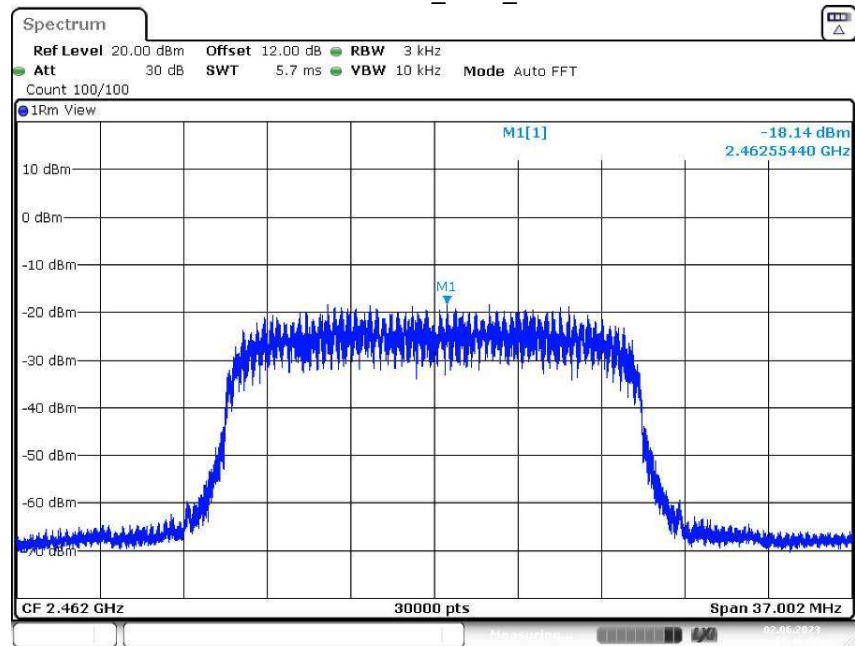
11N20SISO_Ant1_2412



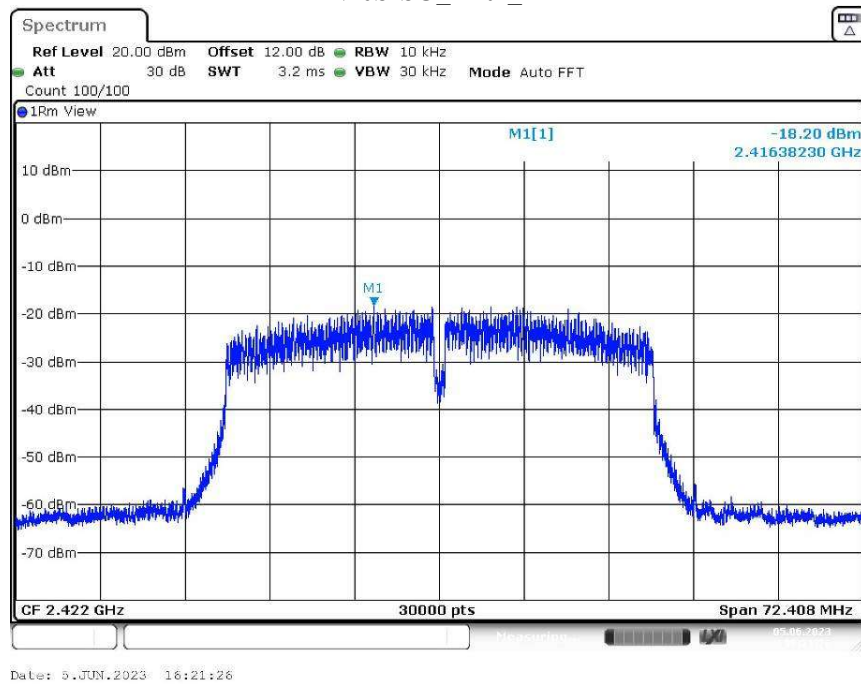
11N20SISO_Ant1_2437



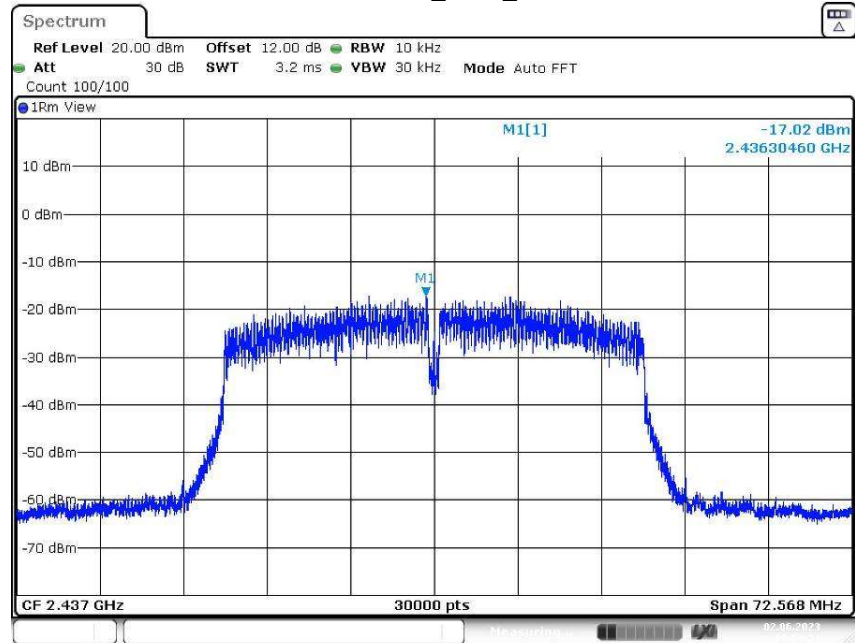
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

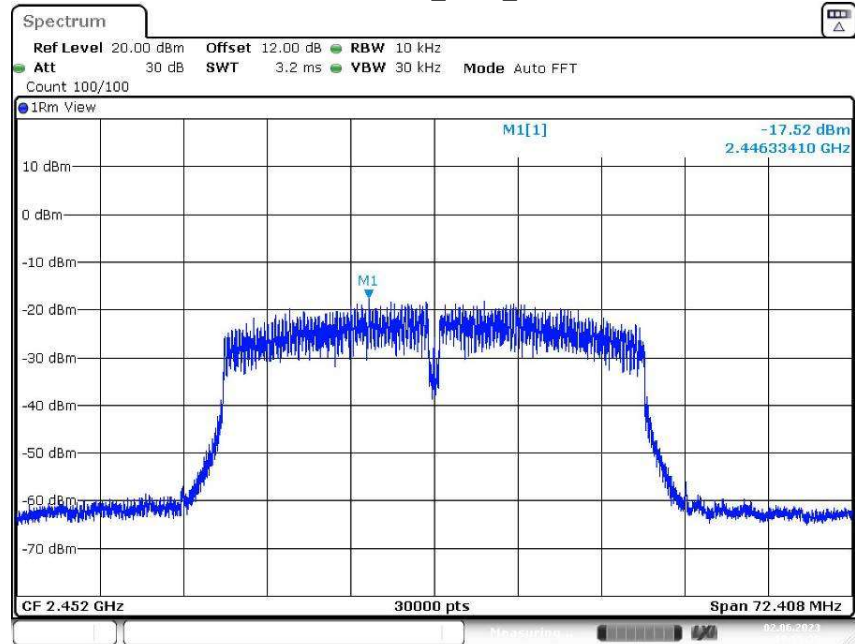


11N40SISO_Ant1_2437



Date: 2.JUN.2023 19:54:21

11N40SISO_Ant1_2452

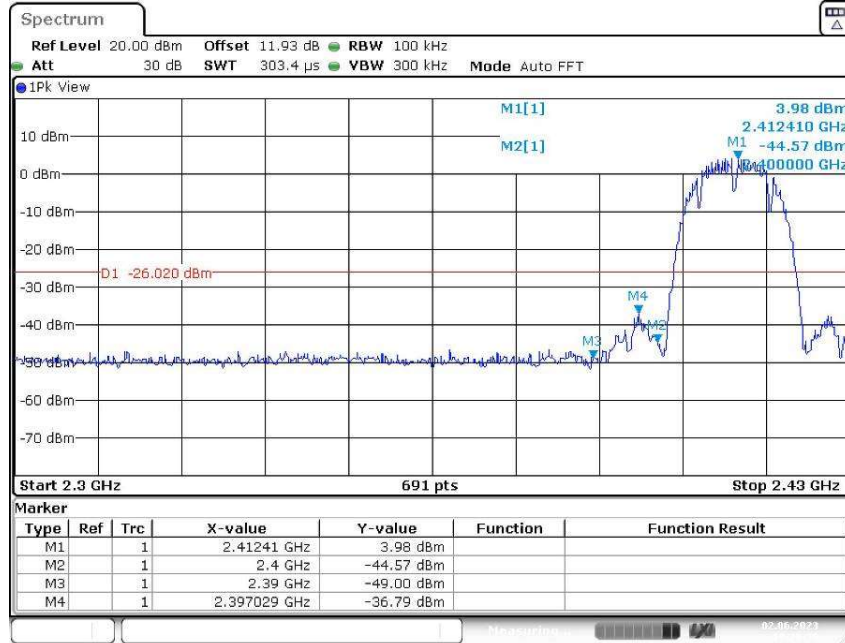


Date: 2.JUN.2023 19:55:24

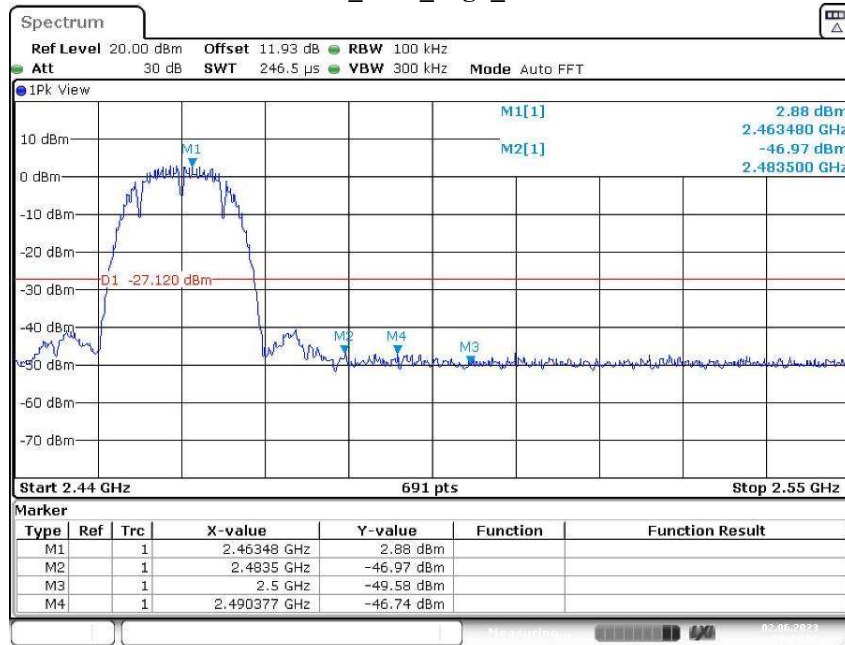
Appendix E: Band Edge Measurements

Test Graphs

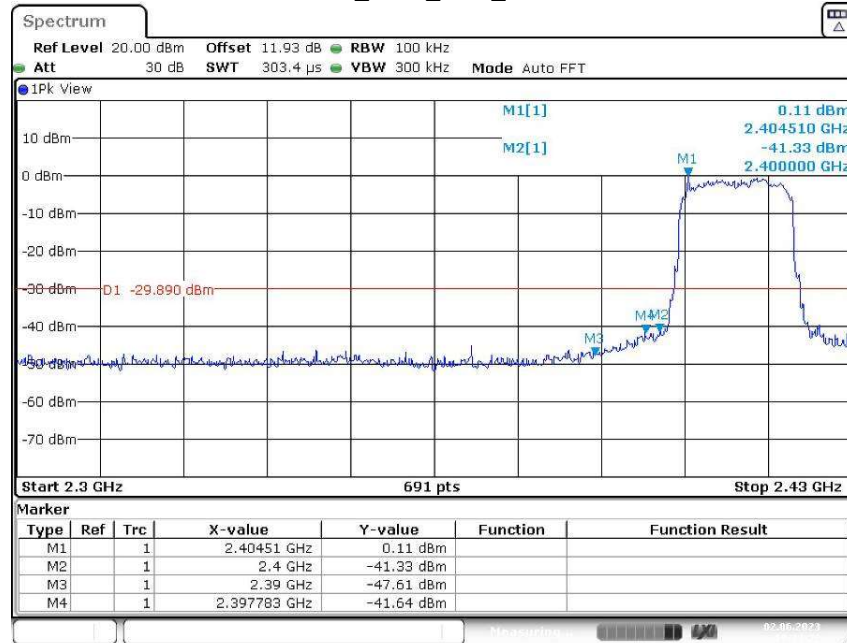
11B_Ant1_Low_2412



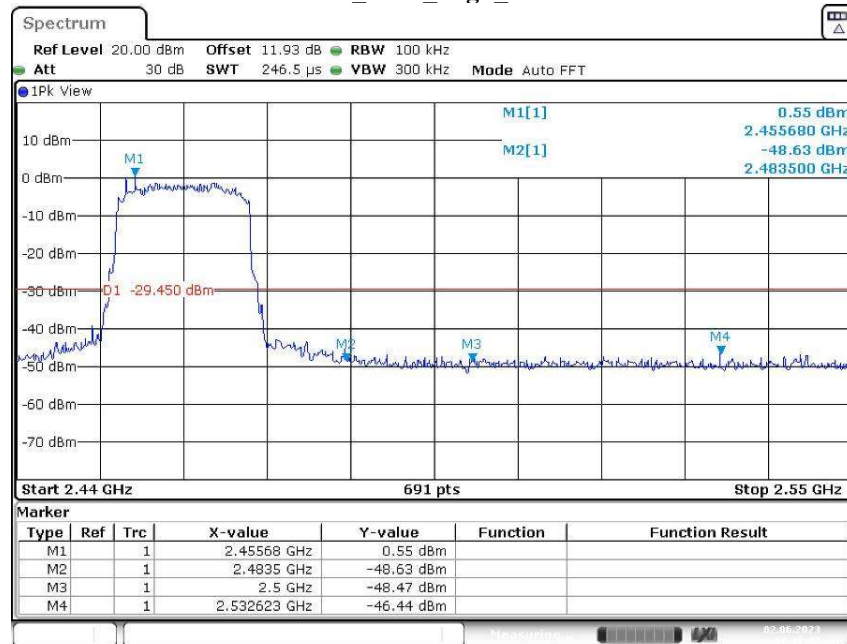
11B_Ant1_High_2462



11G_Ant1_Low_2412



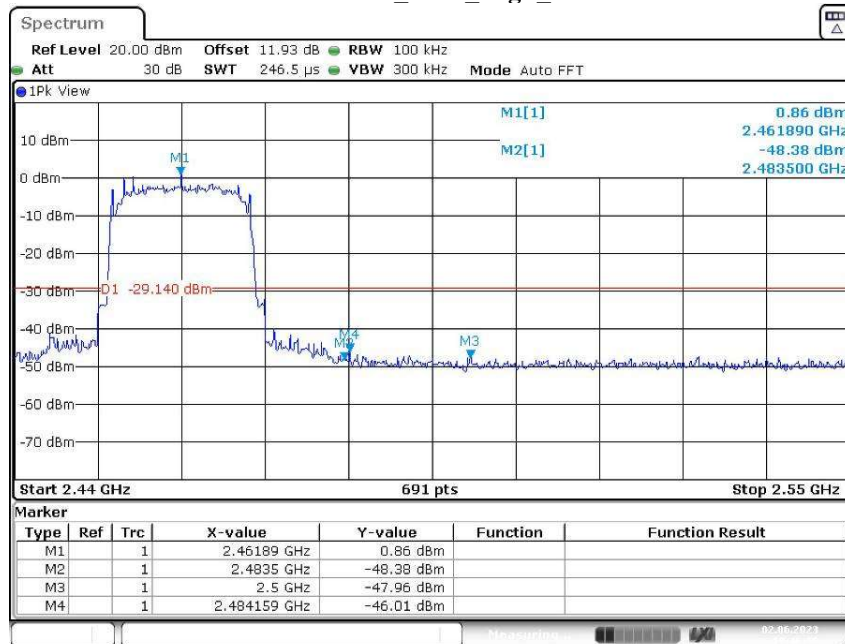
11G_Ant1_High_2462



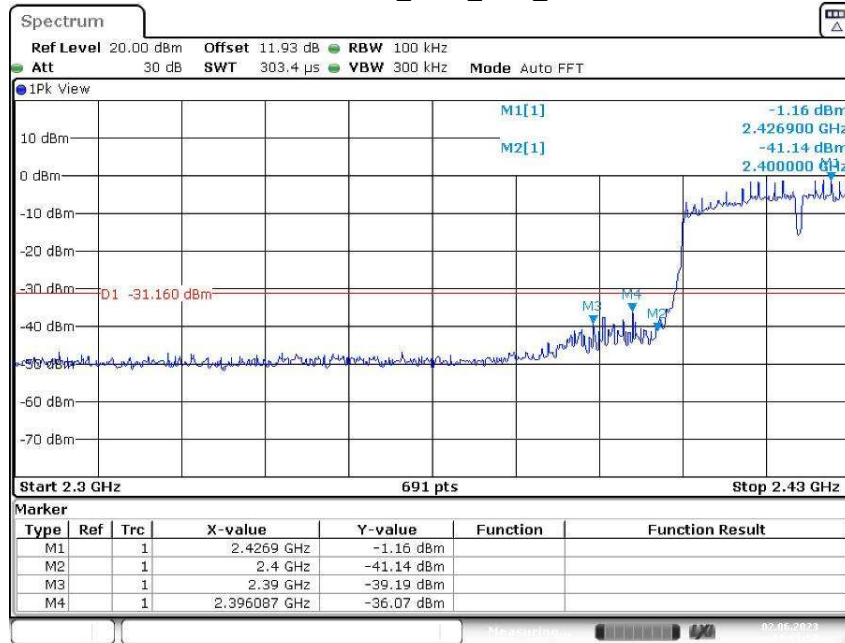
11N20SISO_Ant1_Low_2412



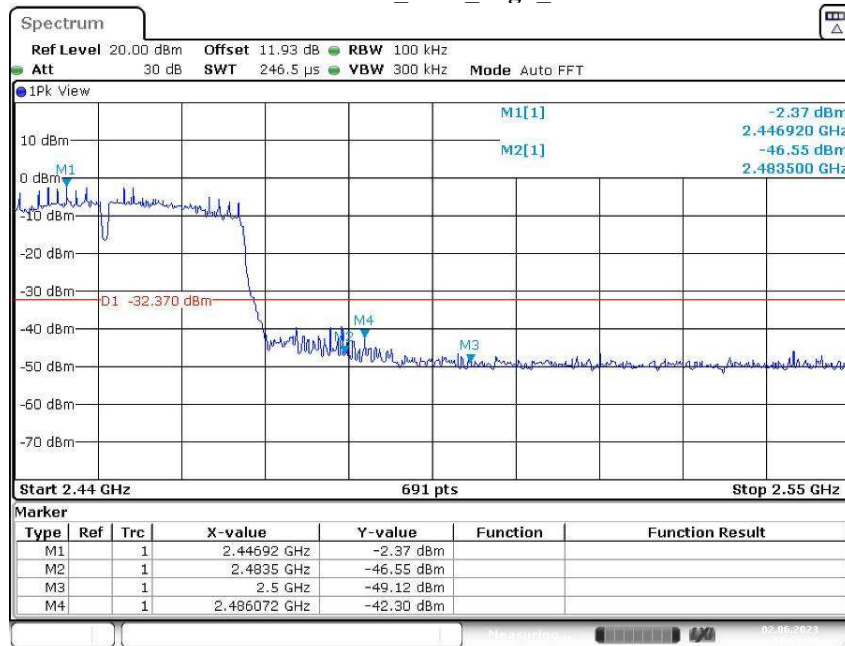
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

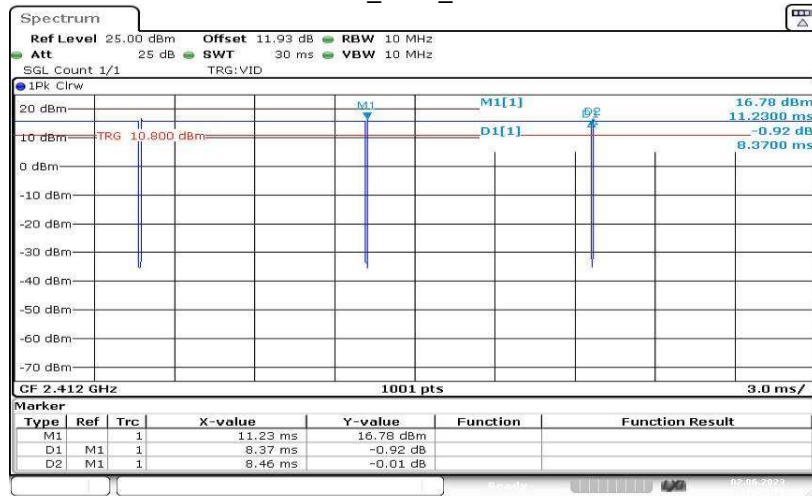


Appendix F: Duty Cycle**Test Result**

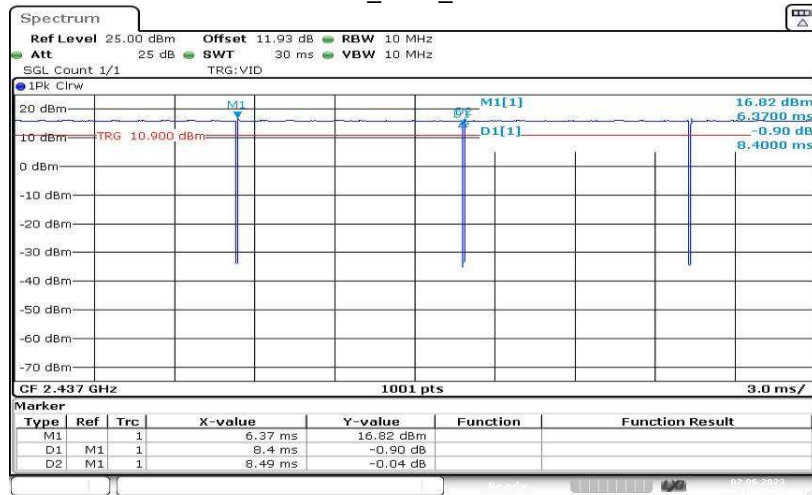
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.37	8.46	98.94
		2437	8.40	8.49	98.94
		2462	8.40	8.49	98.94
11G	Ant1	2412	1.39	1.41	98.58
		2437	1.39	1.41	98.58
		2462	1.39	1.41	98.58
11N20SISO	Ant1	2412	1.29	1.31	98.47
		2437	1.30	1.32	98.48
		2462	1.30	1.32	98.48
11N40SISO	Ant1	2422	0.65	0.66	98.48
		2437	0.65	0.66	98.48
		2452	0.65	0.66	98.48

Test Graphs

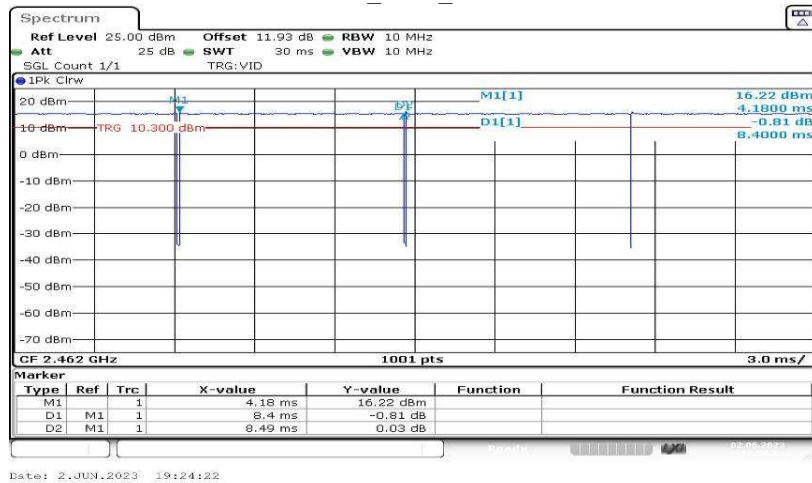
11B_Ant1_2412



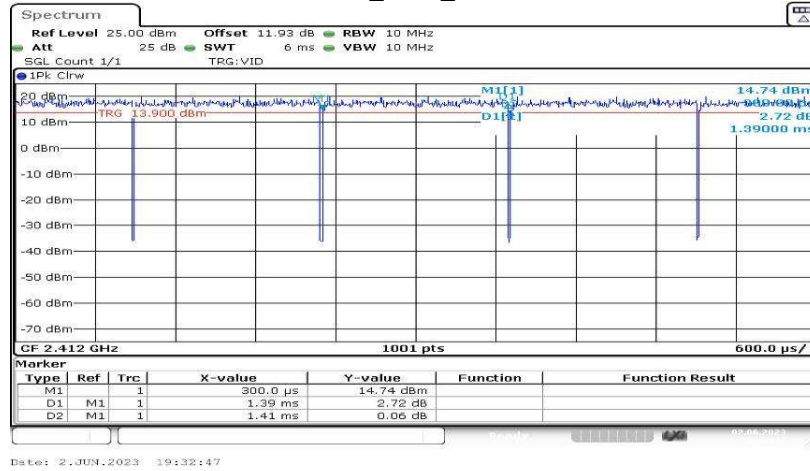
11B_Ant1_2437



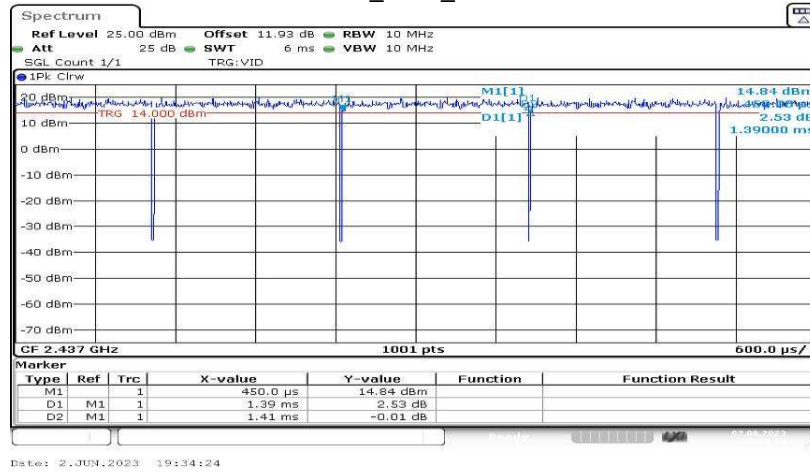
11B_Ant1_2462



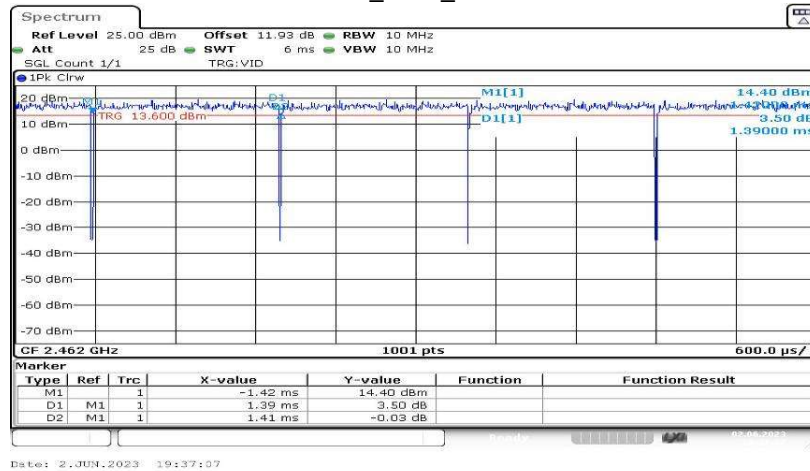
11G_Ant1_2412



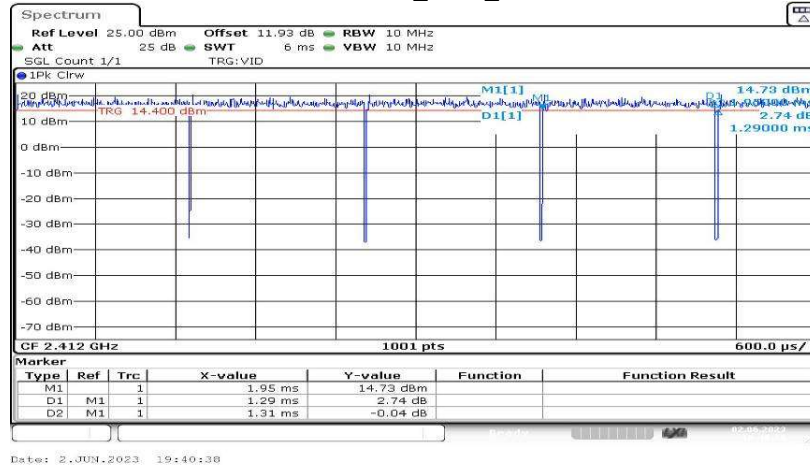
11G_Ant1_2437



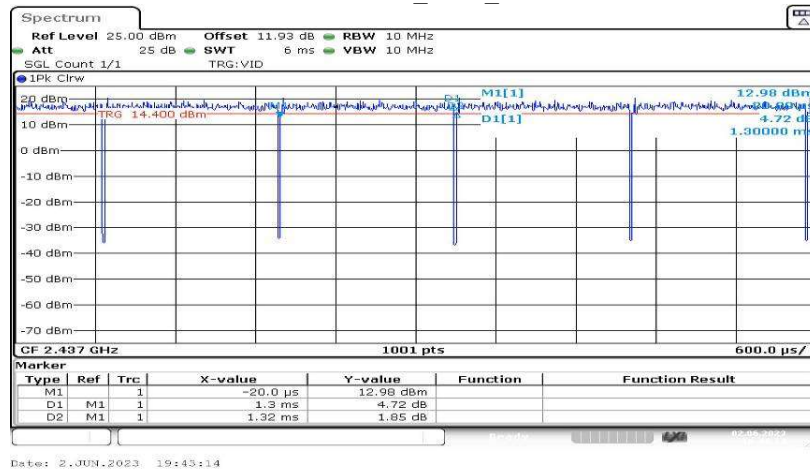
11G_Ant1_2462



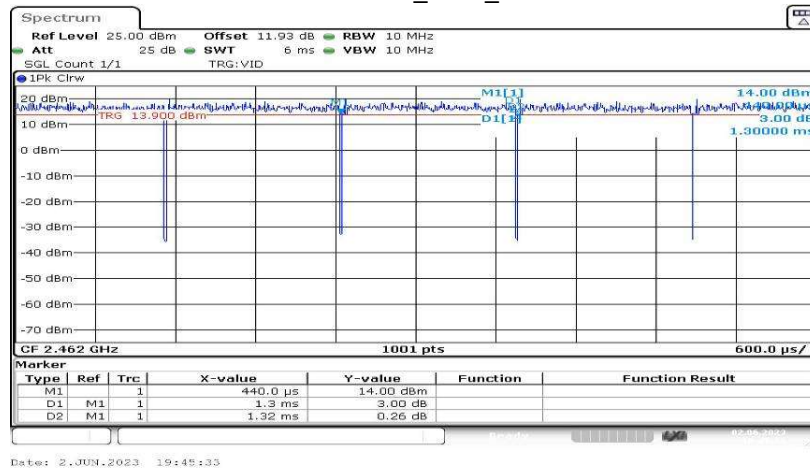
11N20SISO_Ant1_2412



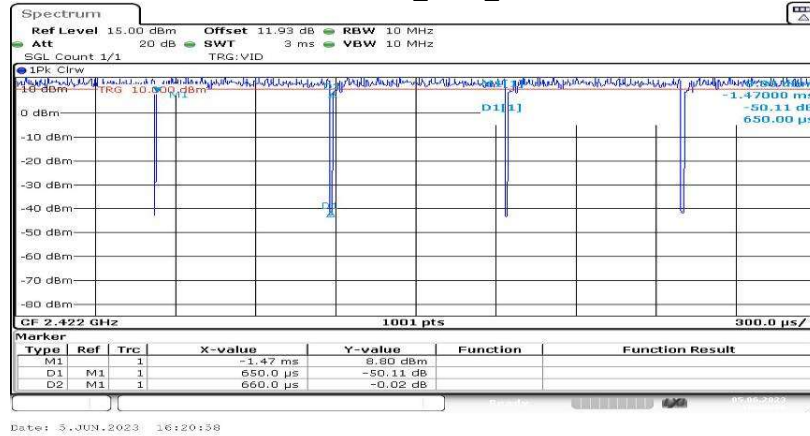
11N20SISO_Ant1_2437



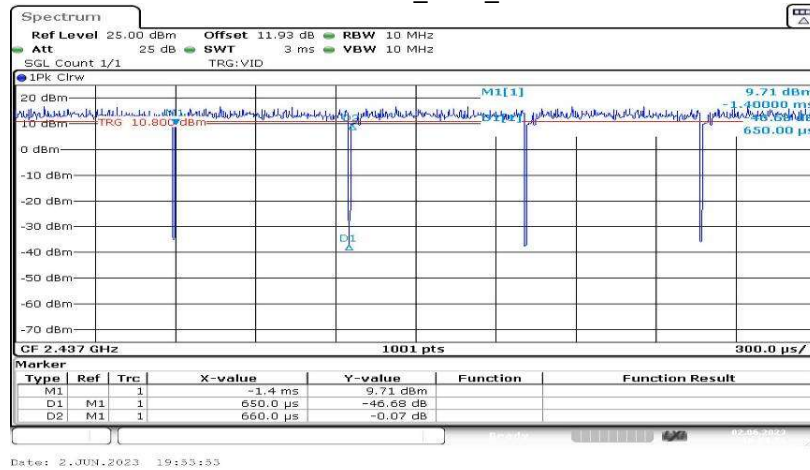
11N20SISO_Ant1_2462



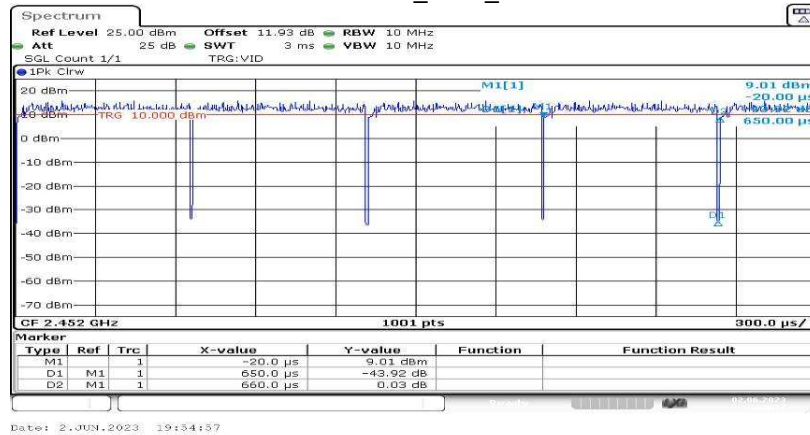
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



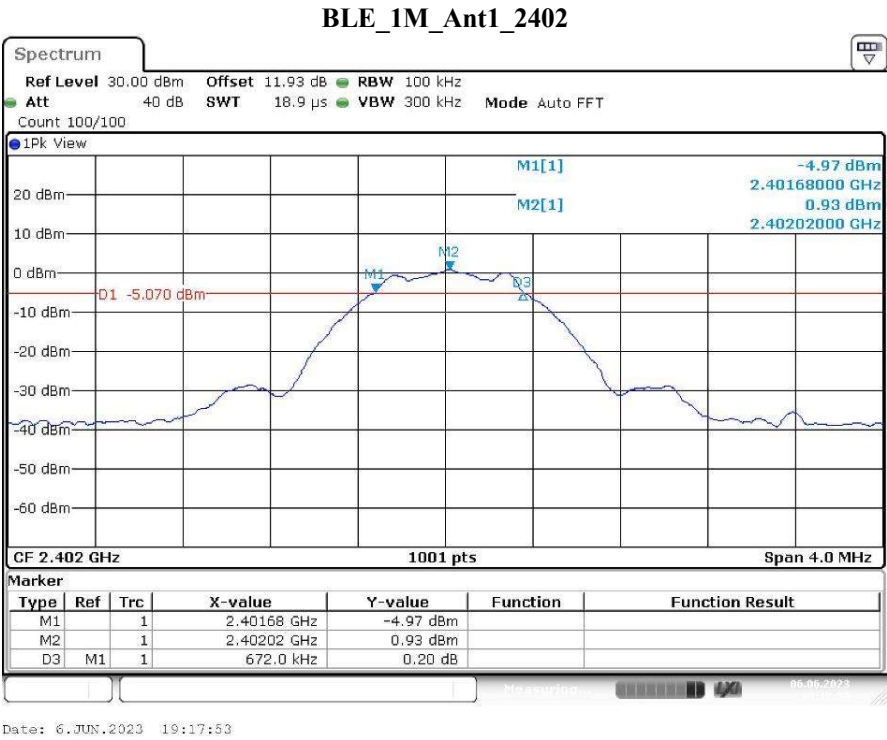
APPENDIX BLE

Appendix A: 6dB Emission Bandwidth

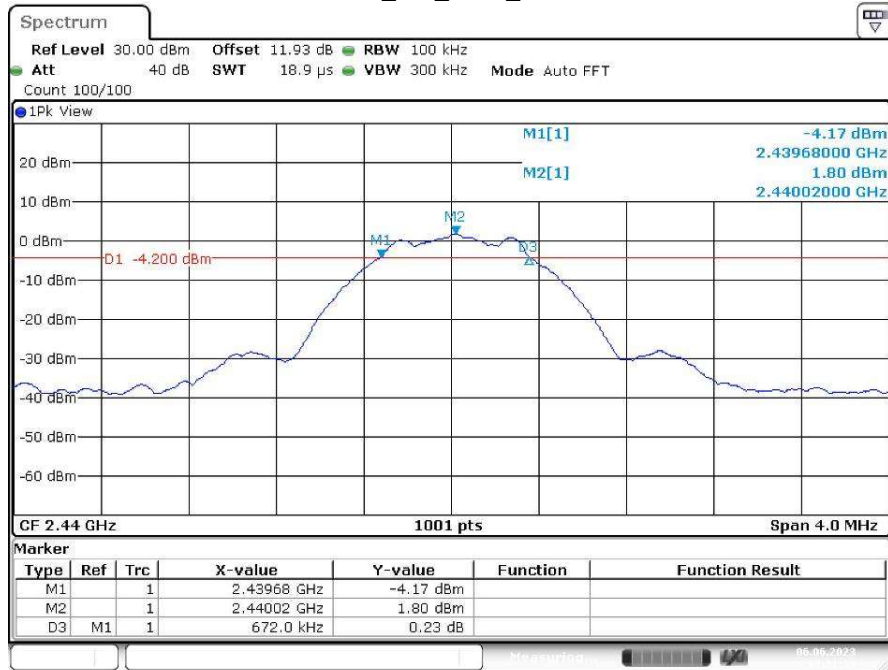
Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.67	0.5	PASS
		2440	0.67	0.5	PASS
		2480	0.70	0.5	PASS

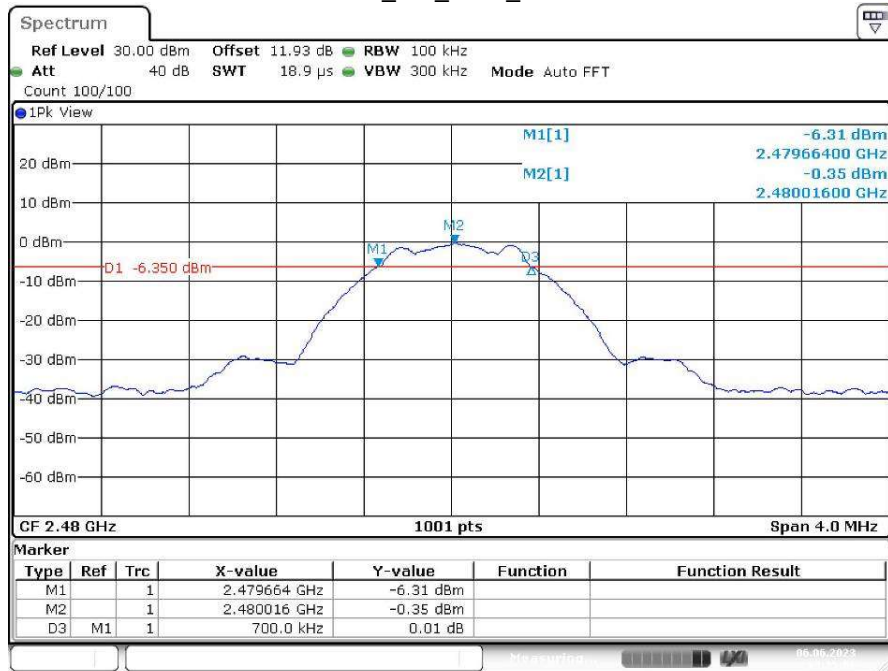
Test Graphs



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

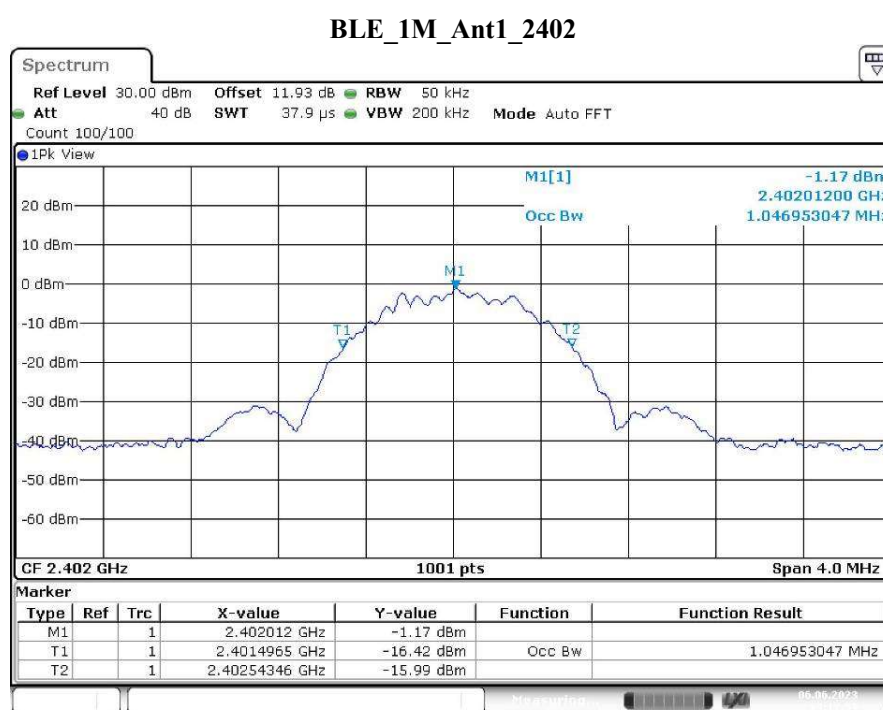


Appendix B: Occupied Channel Bandwidth

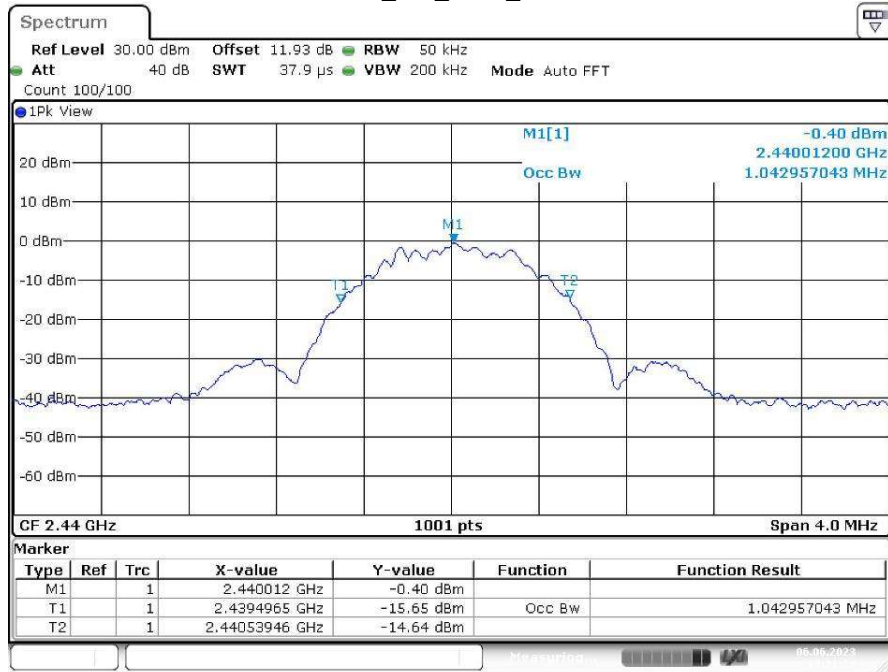
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.047	---	PASS
		2440	1.043	---	PASS
		2480	1.047	---	PASS

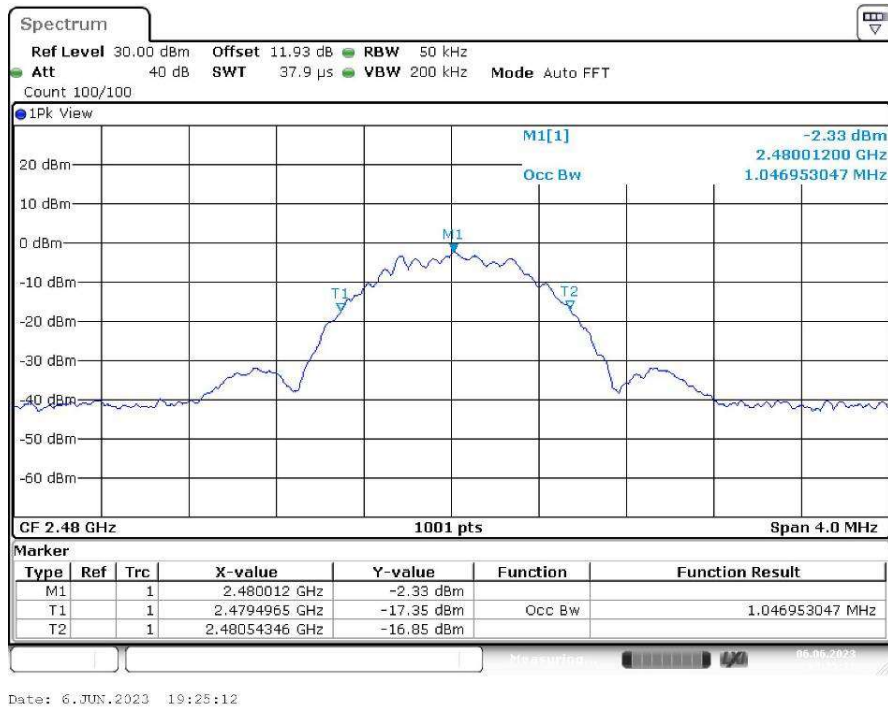
Test Graphs



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



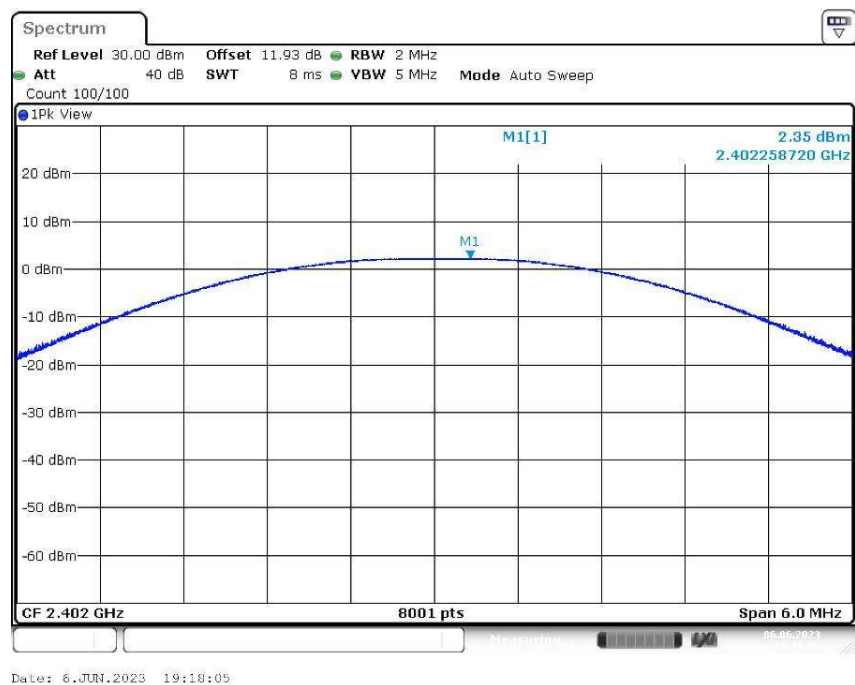
Appendix C: Maximum Conducted Peak Output Power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.35	<=30	PASS
		2440	3.14	<=30	PASS
		2480	1.31	<=30	PASS

Test Graphs

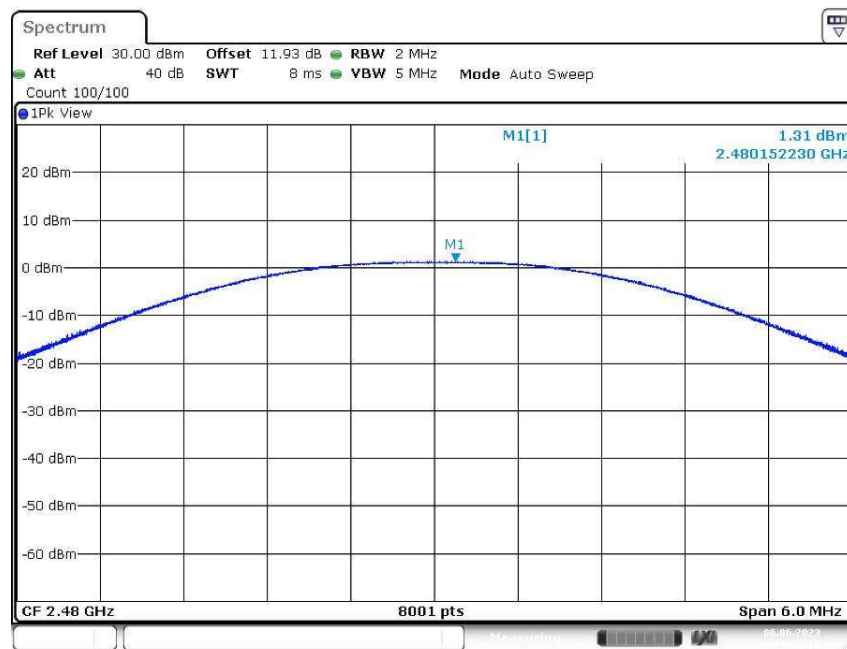
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



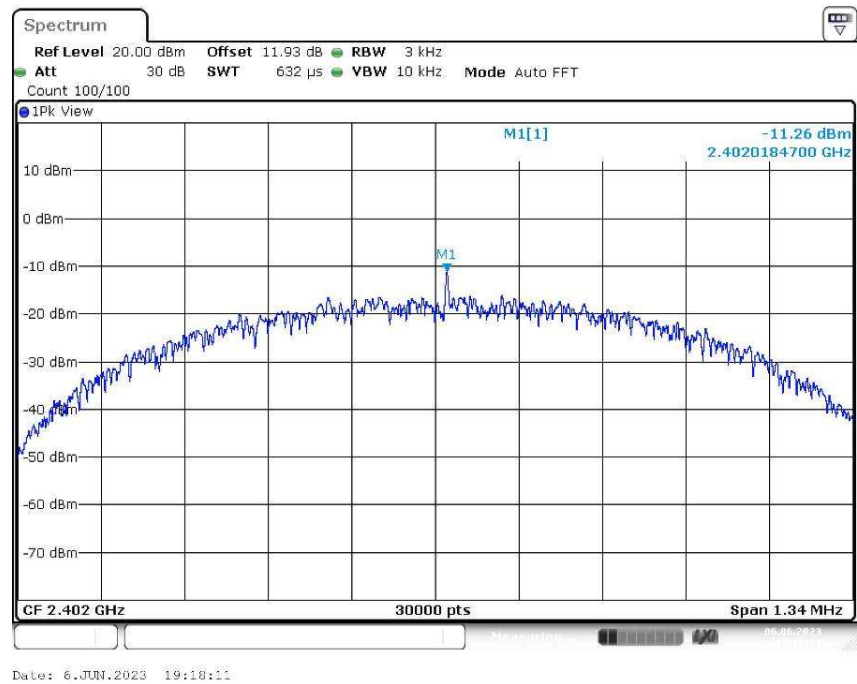
Appendix D: Power Spectral Density

Test Result

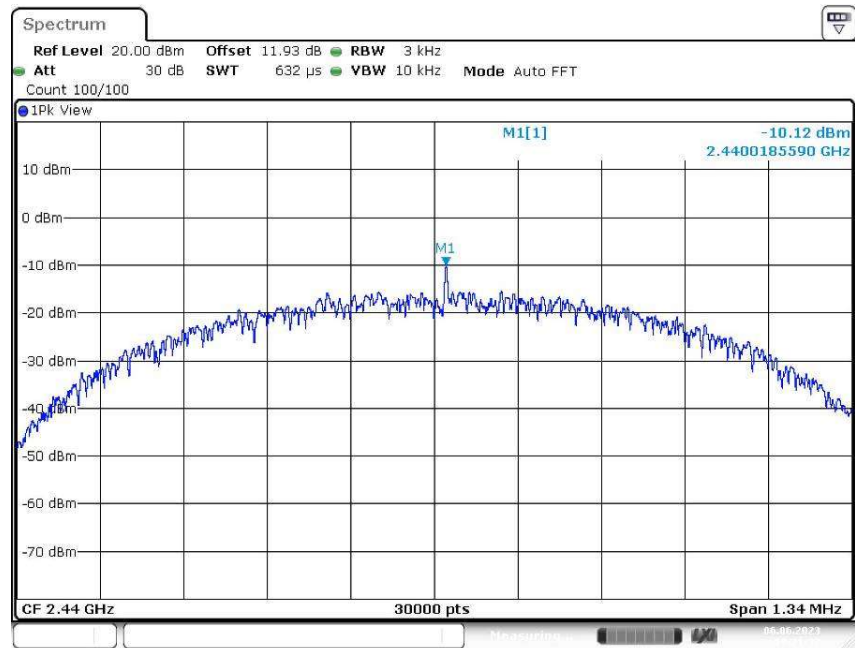
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.26	<=8	PASS
		2440	-10.12	<=8	PASS
		2480	-12.24	<=8	PASS

Test Graphs

BLE_1M_Ant1_2402

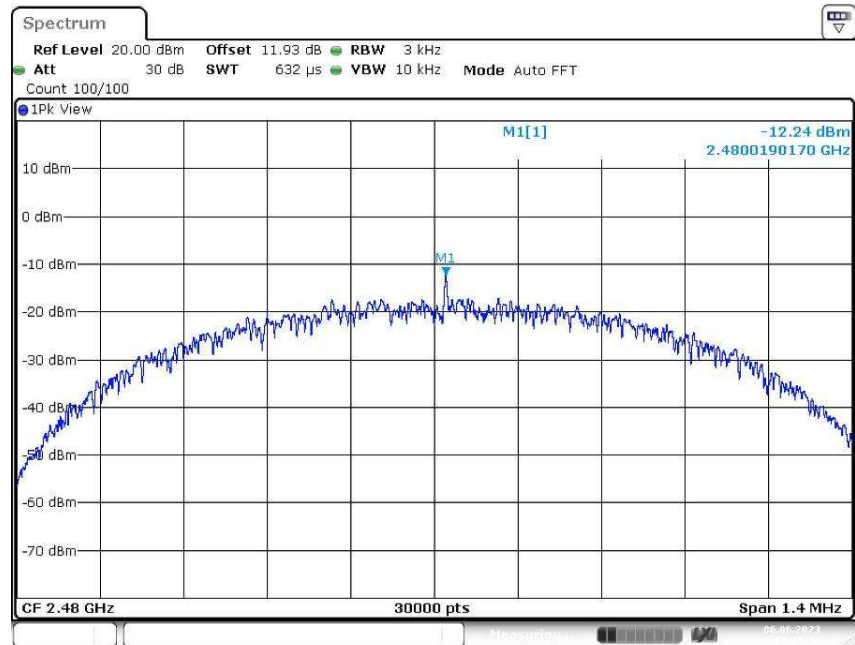


BLE_1M_Ant1_2440



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BLE_1M_Ant1_2480

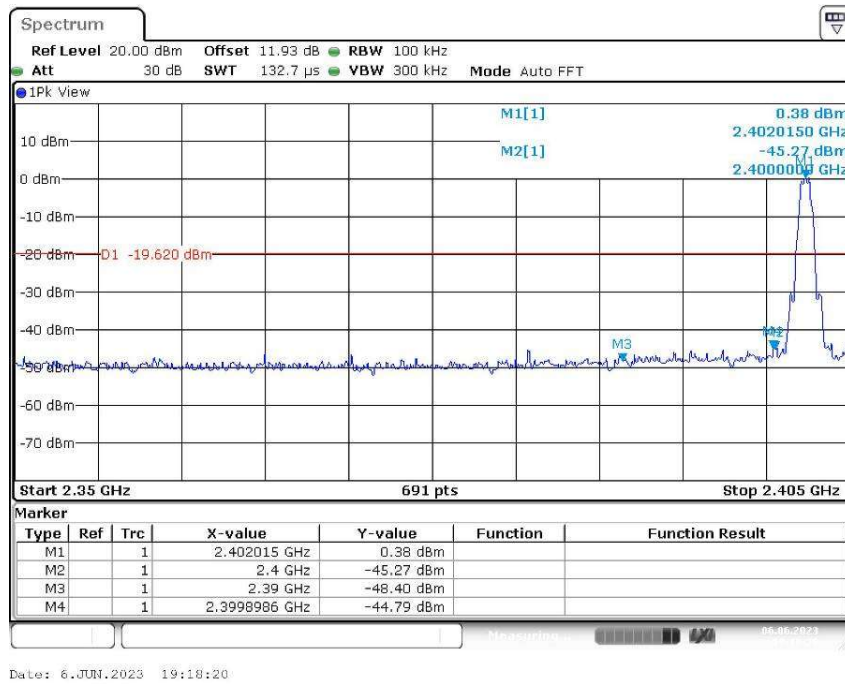


Date: 6.JUN.2023 19:25:24

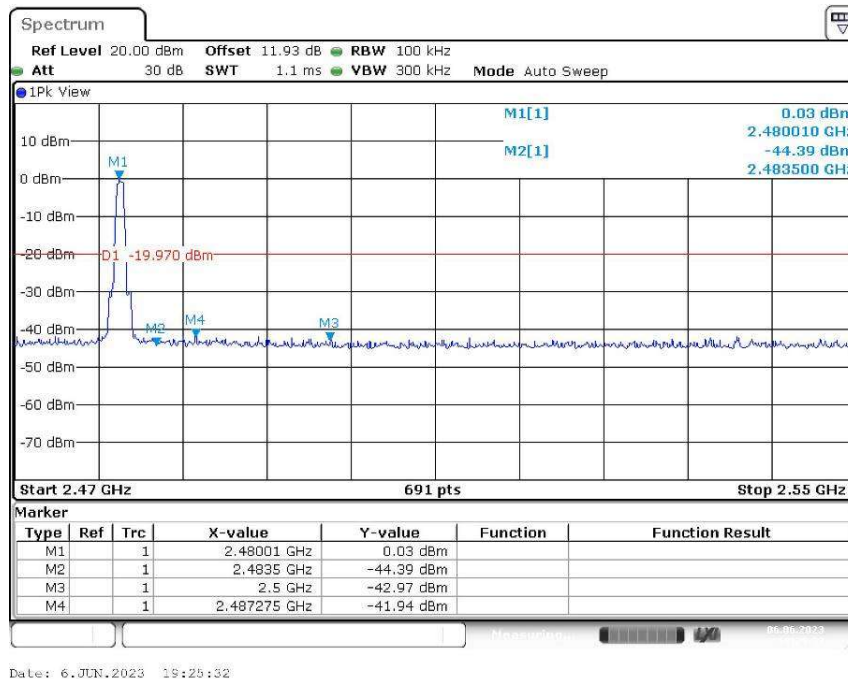
Appendix E: Band Edge Measurements

Test Graphs

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480

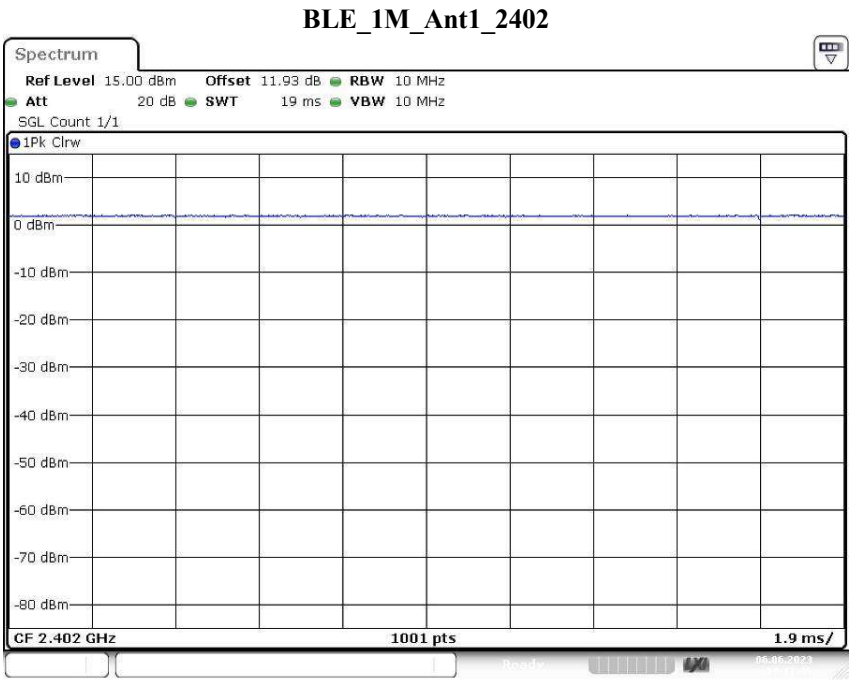


Appendix F: Duty Cycle

Test Result

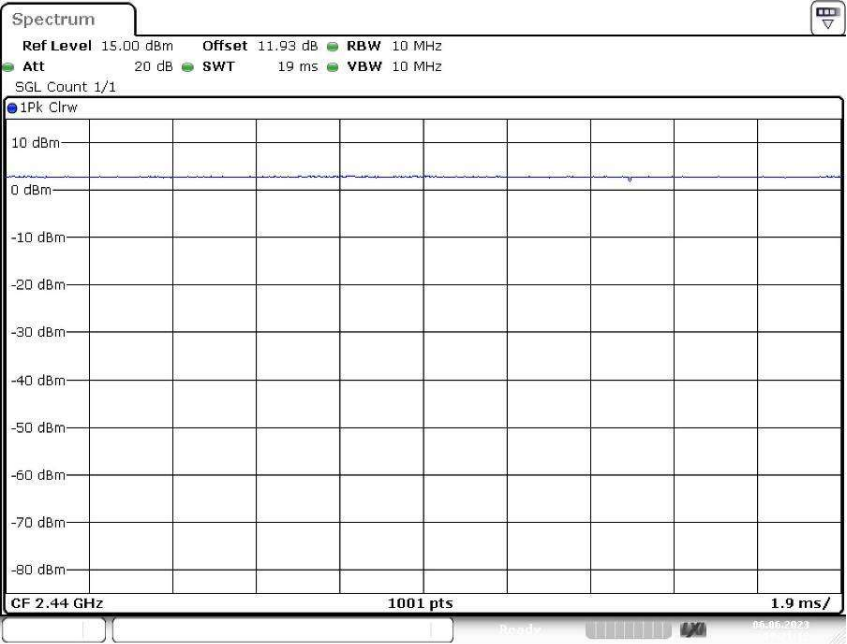
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	19.00	19.00	100
		2440	19.00	19.00	100
		2480	19.00	19.00	100

Test Graphs



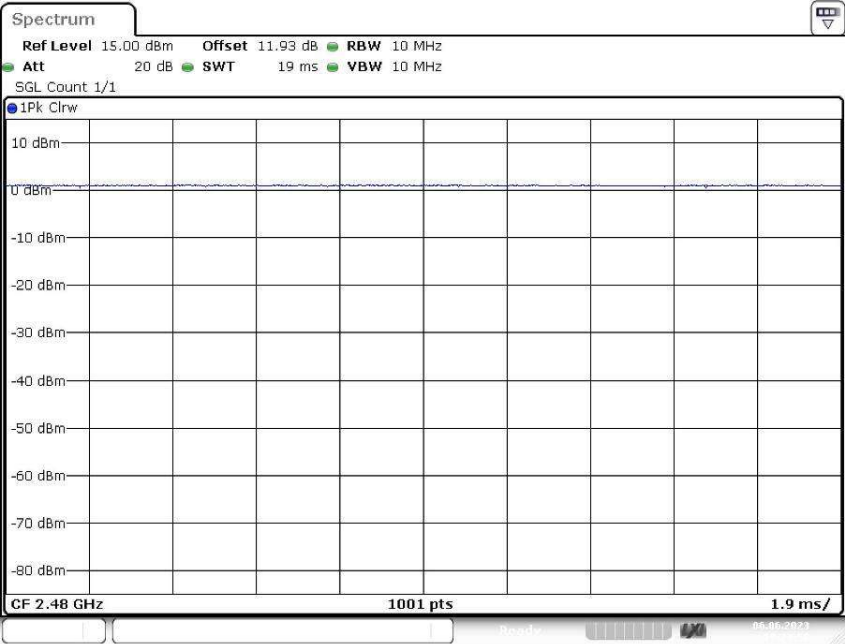
Date: 6.JUN.2023 19:17:45

BLE_1M_Ant1_2440



Date: 6.JUN.2023 19:21:12

BLE_1M_Ant1_2480



Date: 6.JUN.2023 19:24:58

***** END OF REPORT *****