

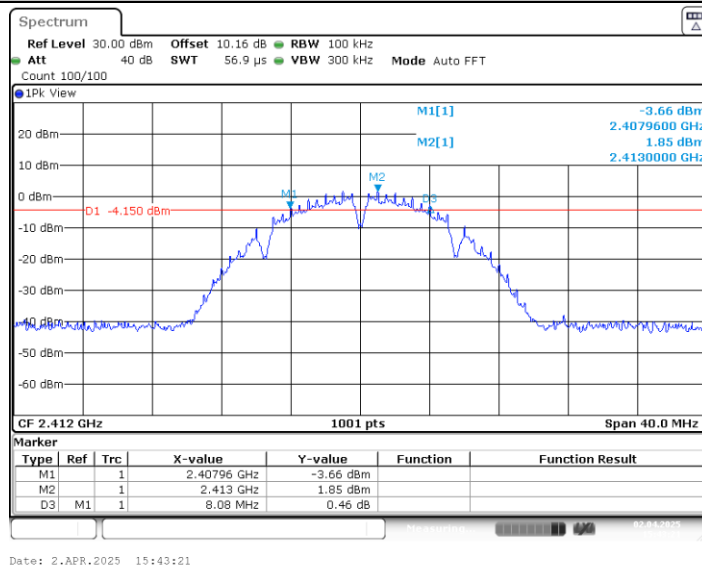
Appendix A: DTS Bandwidth

Test Result

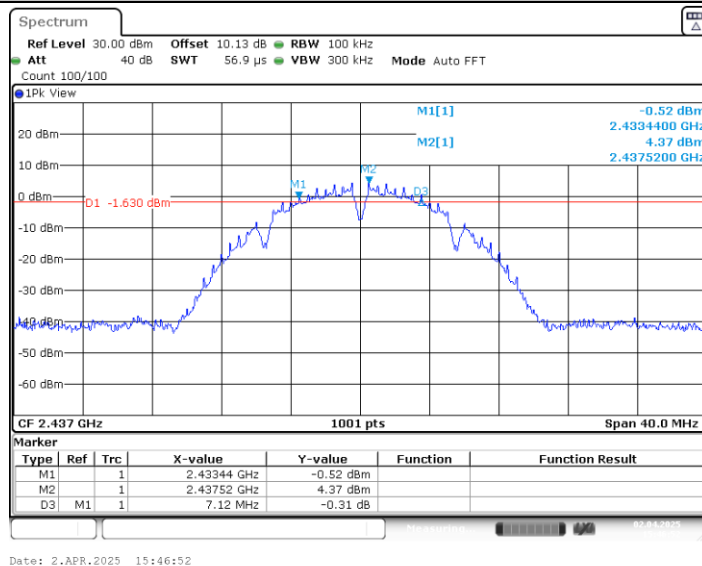
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.08	2407.96	2416.04	0.5	PASS
		2437	7.12	2433.44	2440.56	0.5	PASS
		2462	8.08	2457.96	2466.04	0.5	PASS
11G	Ant1	2412	13.60	2405.68	2419.28	0.5	PASS
		2437	13.84	2430.68	2444.52	0.5	PASS
		2462	16.32	2453.84	2470.16	0.5	PASS
11N20SISO	Ant1	2412	15.08	2404.44	2419.52	0.5	PASS
		2437	15.08	2429.44	2444.52	0.5	PASS
		2462	12.64	2455.68	2468.32	0.5	PASS
11N40SISO	Ant1	2422	35.20	2404.40	2439.60	0.5	PASS
		2437	34.80	2419.48	2454.28	0.5	PASS
		2452	35.04	2434.48	2469.52	0.5	PASS

Test Graphs

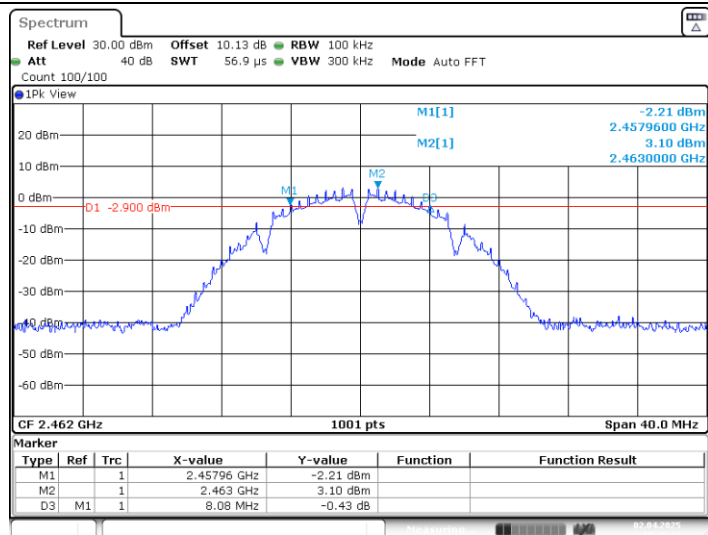
11B_Ant1_2412



11B_Ant1_2437

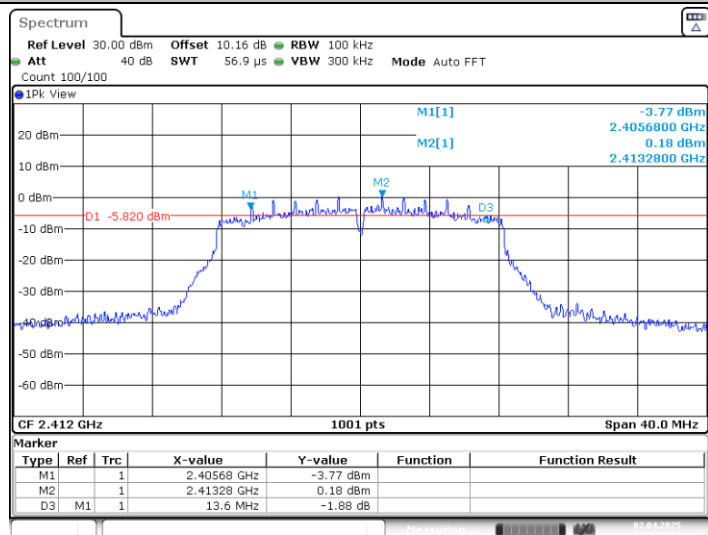


11B_Ant1_2462



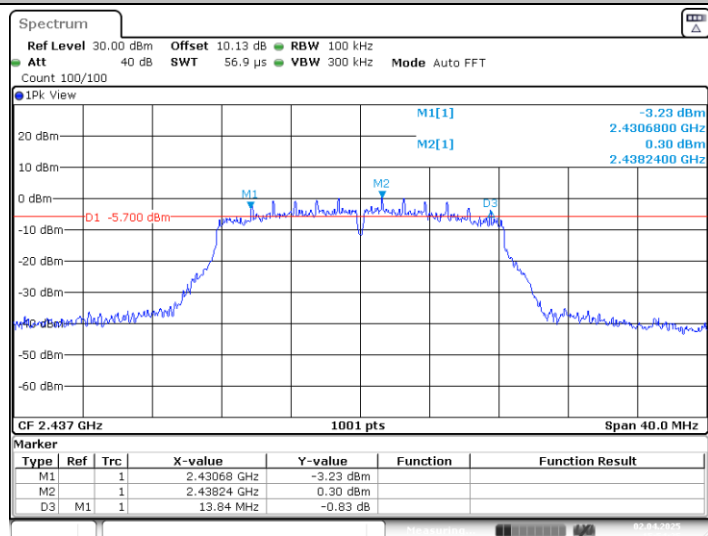
Date: 2.APR.2025 15:46:44

11G_Ant1_2412



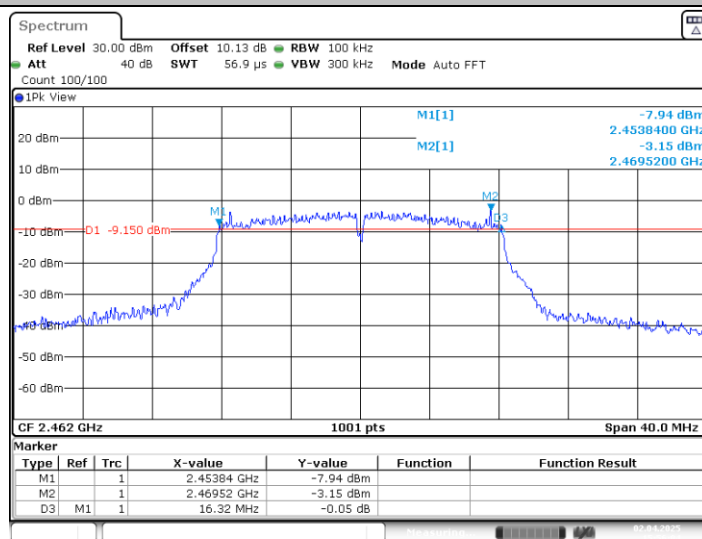
Date: 2.APR.2025 15:51:33

11G_Ant1_2437

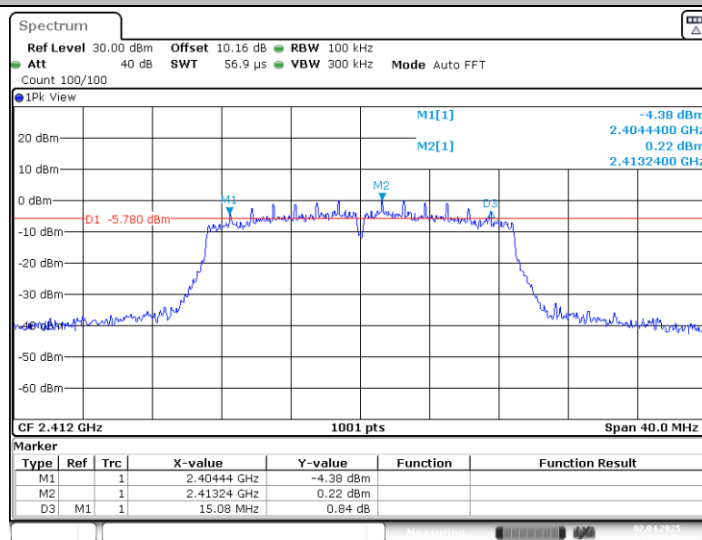


Date: 2.APR.2025 15:54:25

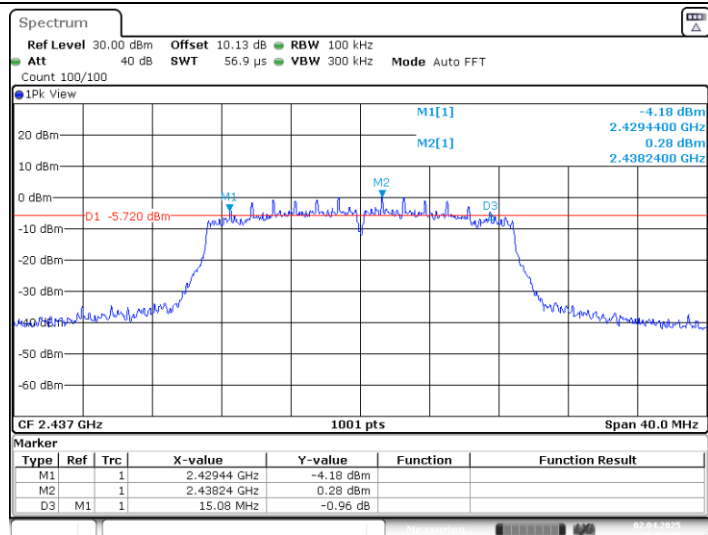
11G_Ant1_2462



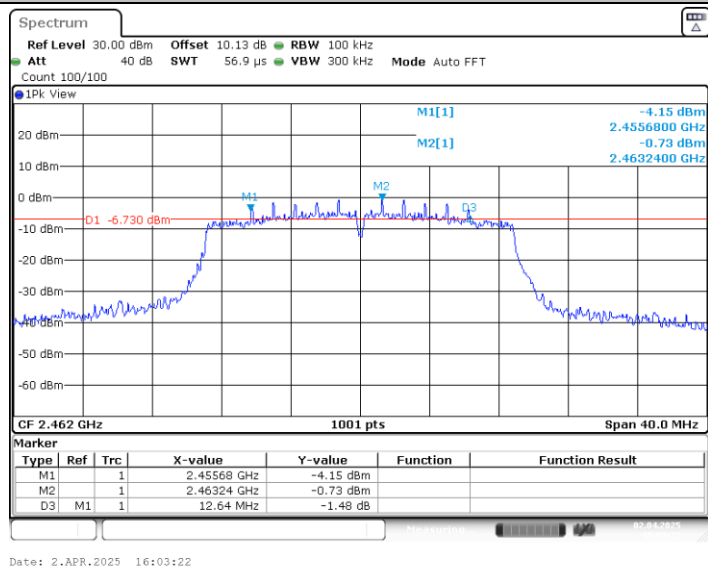
11N20SISO_Ant1_2412



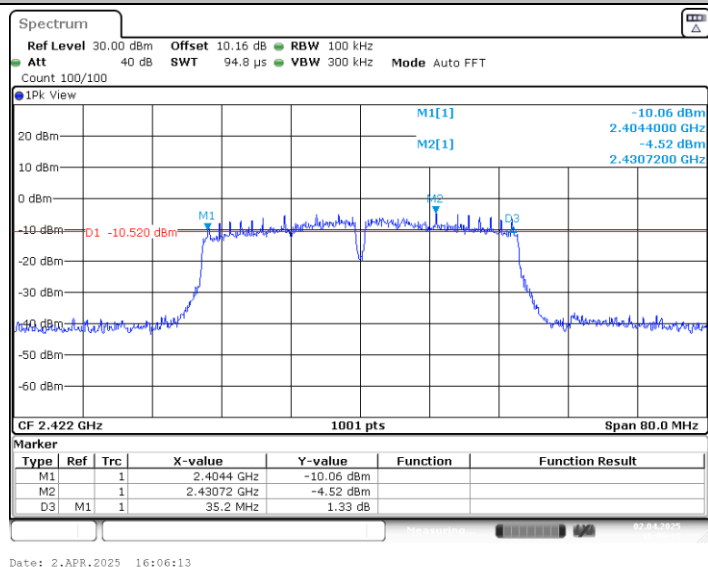
11N20SISO_Ant1_2437



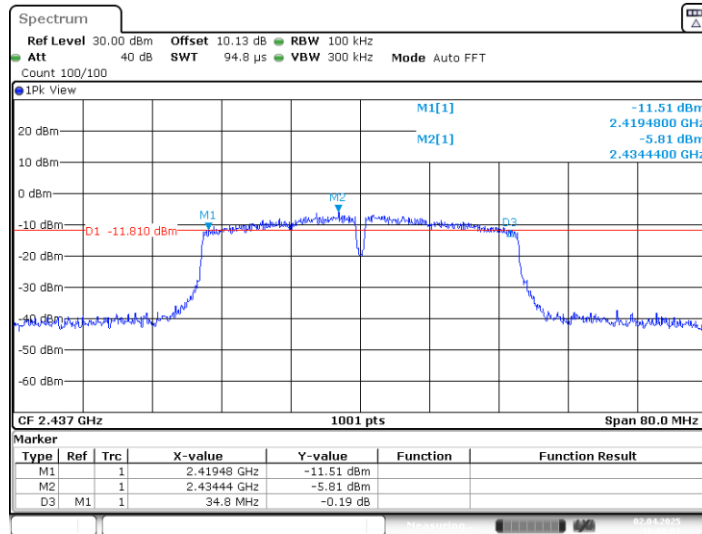
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

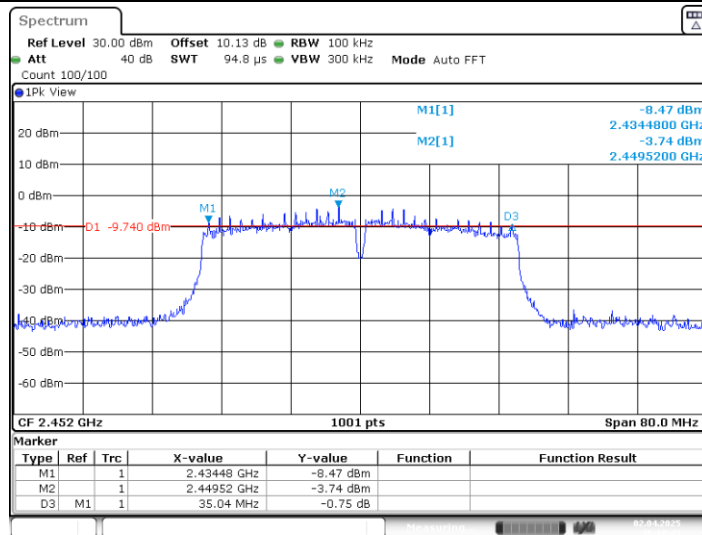


11N40SISO_Ant1_2437



Date: 2.APR.2025 16:09:01

11N40SISO_Ant1_2452



Date: 2.APR.2025 16:10:43

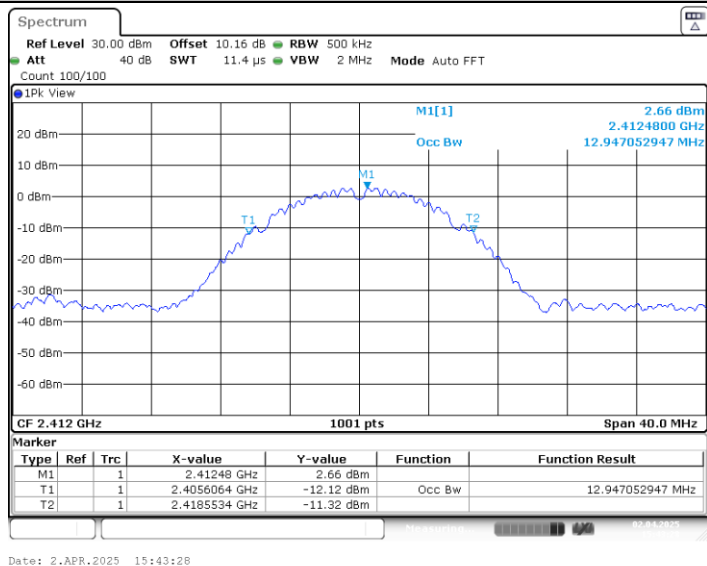
Appendix B: Occupied Channel Bandwidth

Test Result

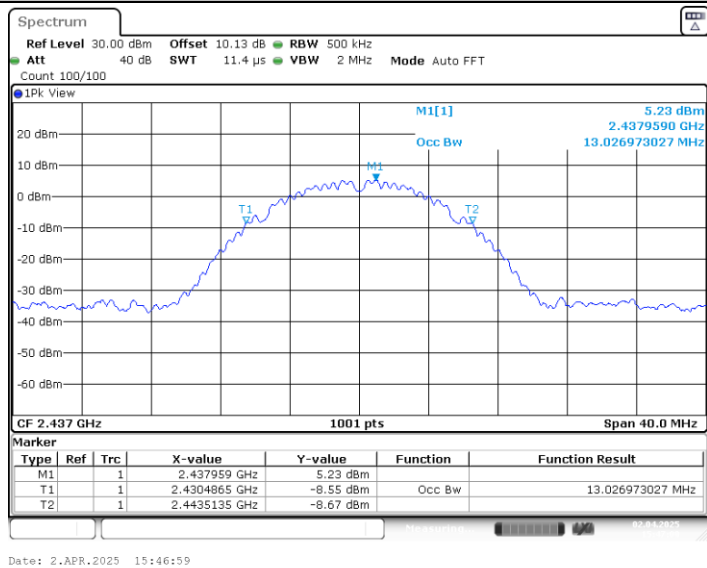
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.947	2405.6064	2418.5534	---	---
		2437	13.027	2430.4865	2443.5135	---	---
		2462	13.187	2455.3666	2468.5534	---	---
11G	Ant1	2412	16.903	2403.5684	2420.4715	---	---
		2437	16.623	2428.6484	2445.2717	---	---
		2462	16.783	2453.6084	2470.3916	---	---
11N20SISO	Ant1	2412	17.862	2403.0490	2420.9111	---	---
		2437	17.862	2427.9690	2445.8312	---	---
		2462	18.102	2452.8092	2470.9111	---	---
11N40SISO	Ant1	2422	36.204	2404.0979	2440.3017	---	---
		2437	36.044	2418.9381	2454.9820	---	---
		2452	36.364	2433.6184	2469.9820	---	---

Test Graphs

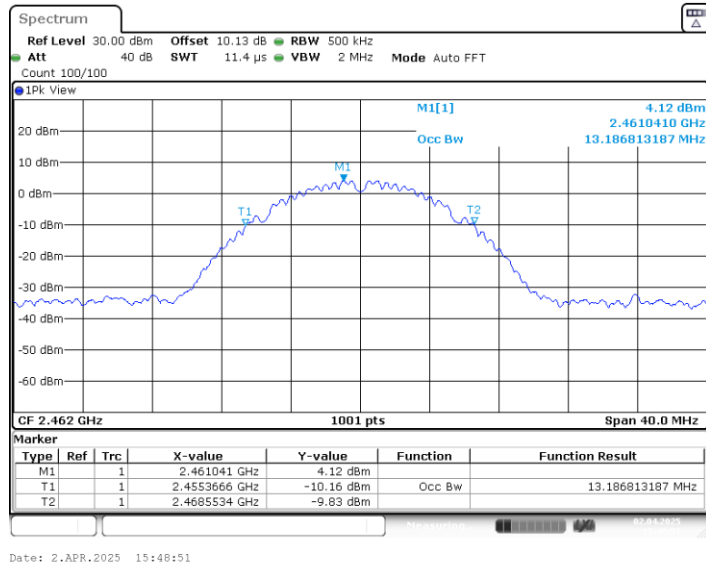
11B_Ant1_2412



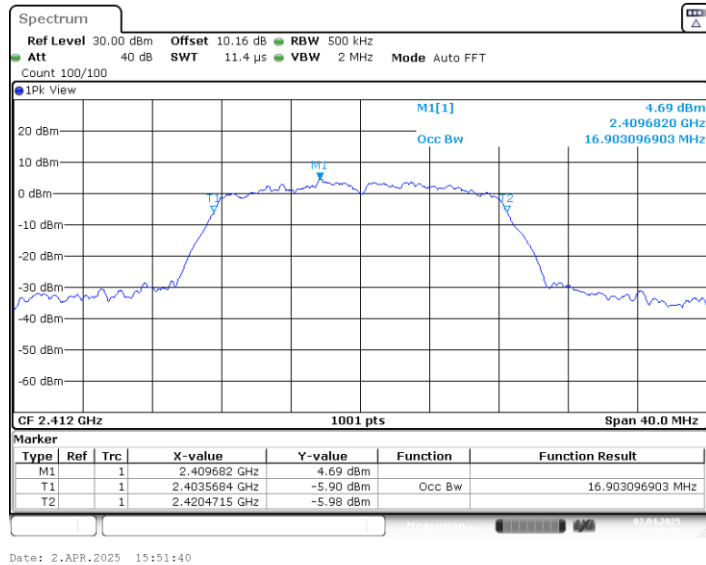
11B_Ant1_2437



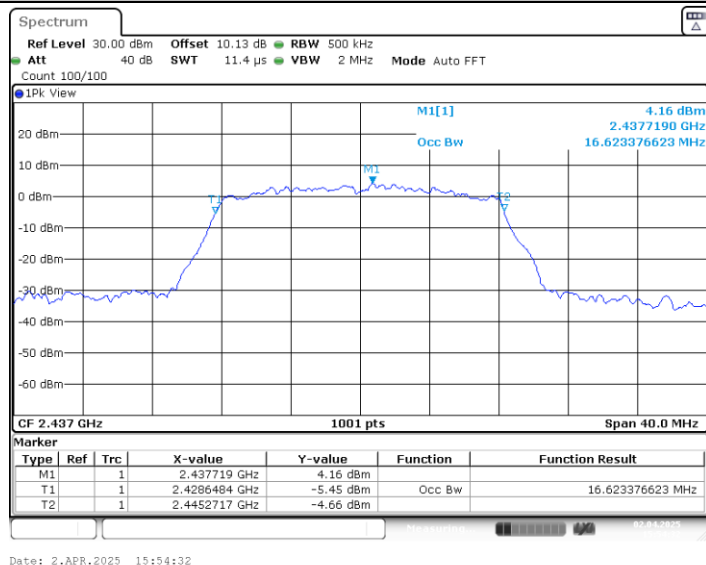
11B_Ant1_2462



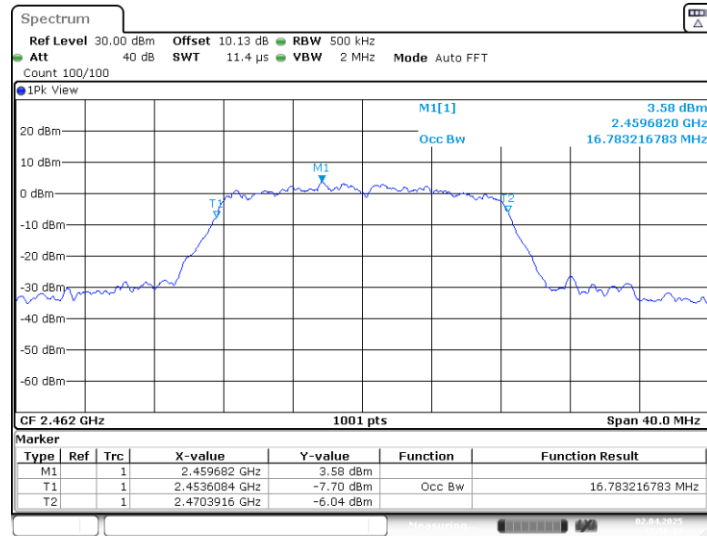
11G_Ant1_2412



11G_Ant1_2437

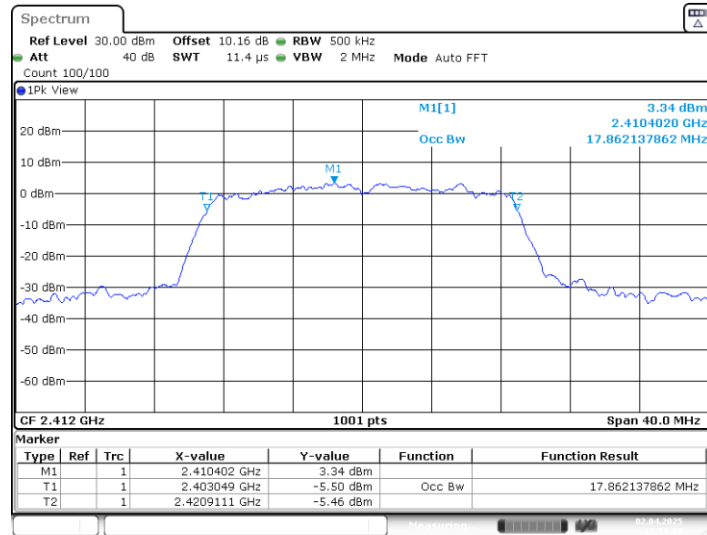


11G_Ant1_2462



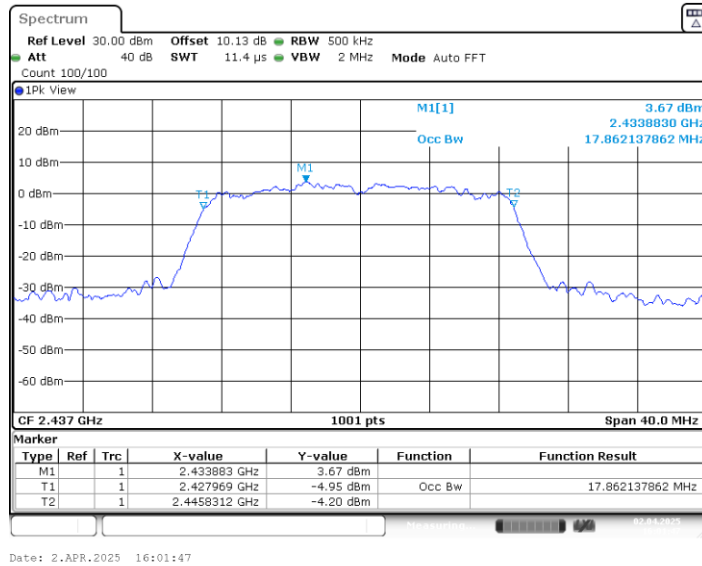
Date: 2.APR.2025 15:56:11

11N20SISO_Ant1_2412

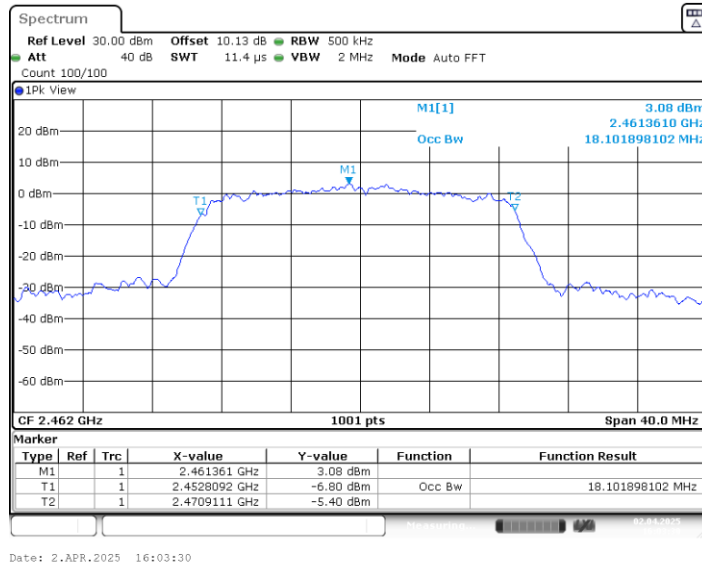


Date: 2.APR.2025 15:59:00

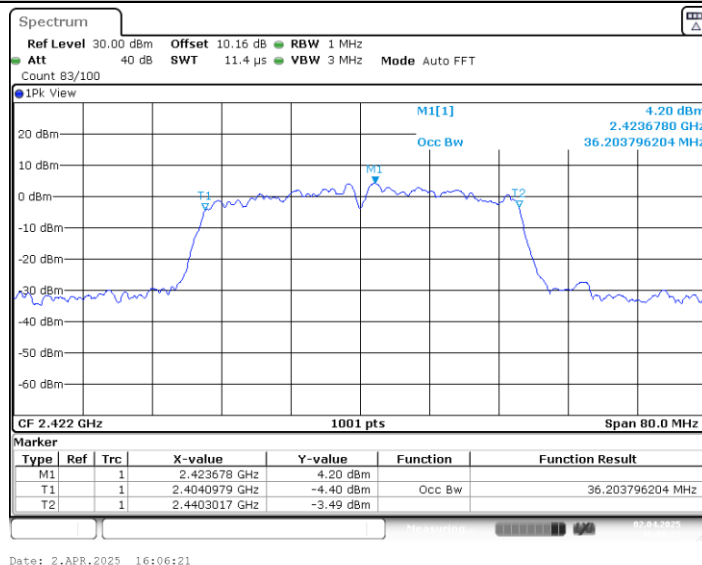
11N20SISO_Ant1_2437



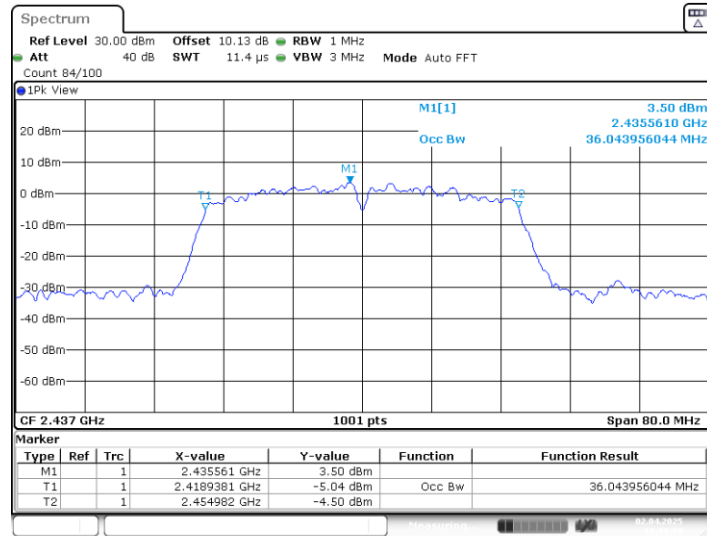
11N20SISO_Ant1_2462



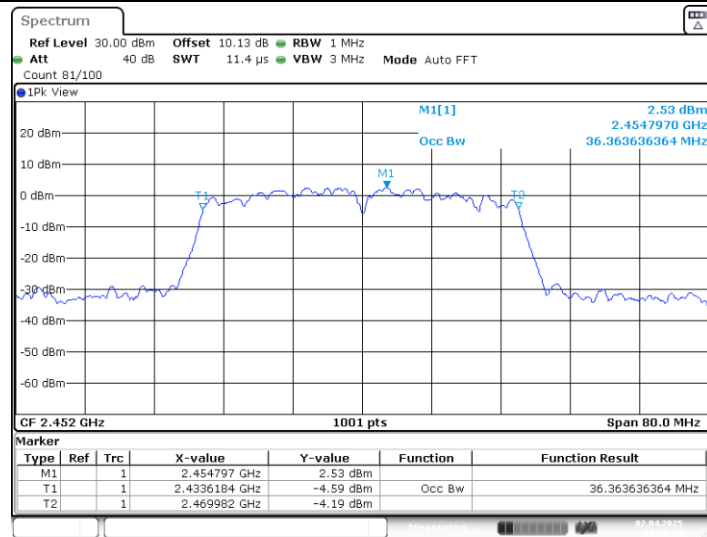
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



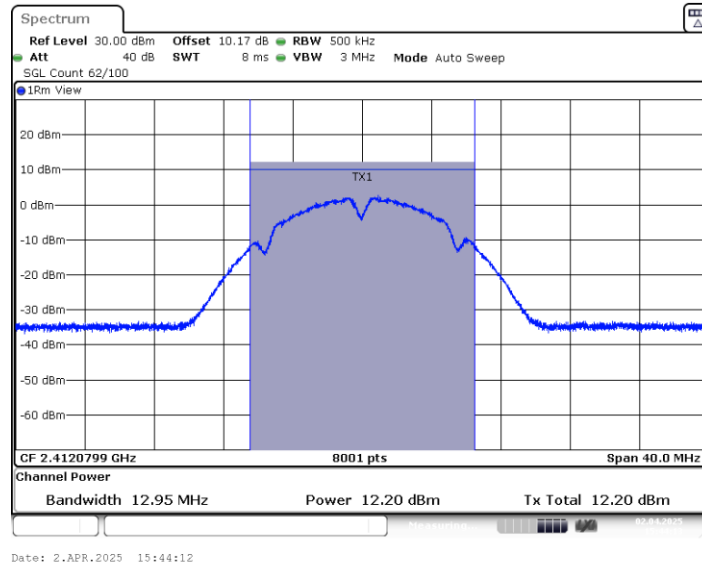
Appendix C: Maximum conducted output power

Test Result Average

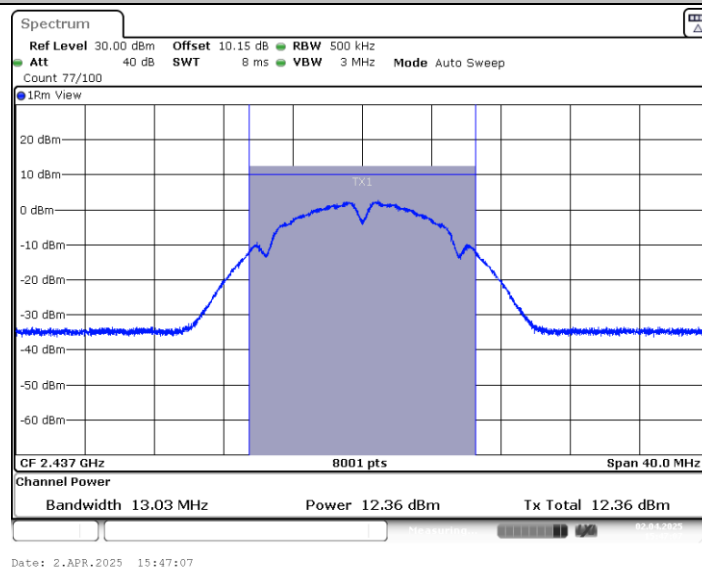
Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	12.20	100	0	12.20	≤30.00	PASS
		2437	12.36	100	0	12.36	≤30.00	PASS
		2462	11.20	100	0	11.20	≤30.00	PASS
11G	Ant1	2412	10.22	97.20	0.12	10.34	≤30.00	PASS
		2437	10.08	97.20	0.12	10.20	≤30.00	PASS
		2462	9.17	97.20	0.12	9.29	≤30.00	PASS
11N20SI SO	Ant1	2412	9.16	84.21	0.75	9.91	≤30.00	PASS
		2437	9.13	80.00	0.97	10.10	≤30.00	PASS
		2462	8.18	80.00	0.97	9.15	≤30.00	PASS
11N40SI SO	Ant1	2422	7.85	71.43	1.46	9.31	≤30.00	PASS
		2437	7.51	71.43	1.46	8.97	≤30.00	PASS
		2452	7.21	71.43	1.46	8.67	≤30.00	PASS

Test Graphs Average

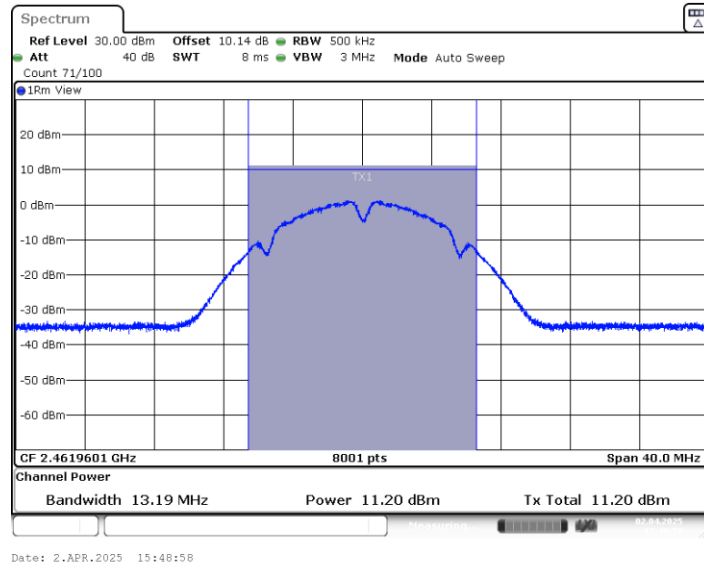
11B_Ant1_2412



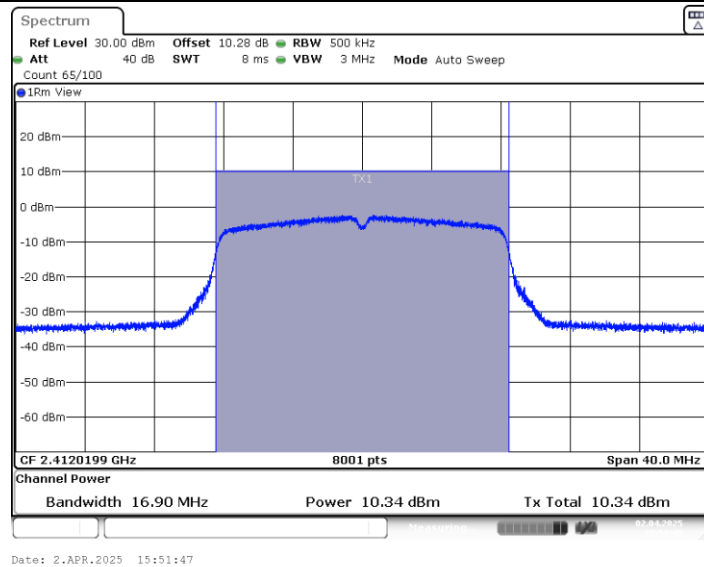
11B_Ant1_2437



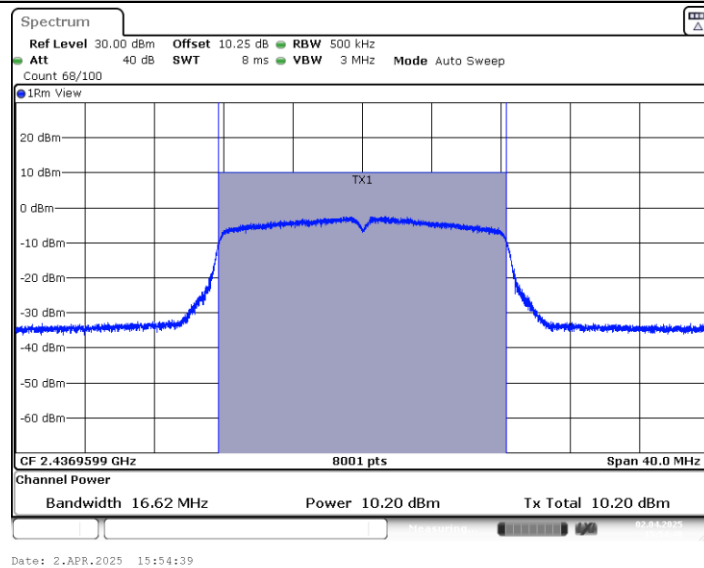
11B_Ant1_2462



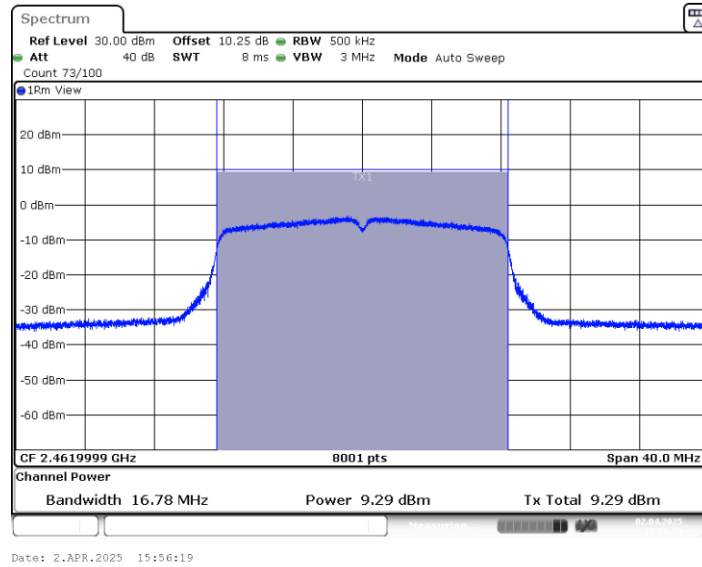
11G_Ant1_2412



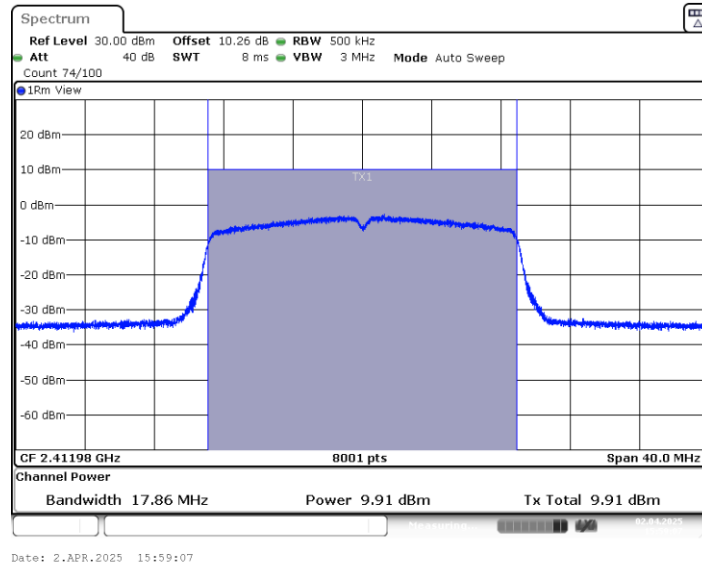
11G_Ant1_2437



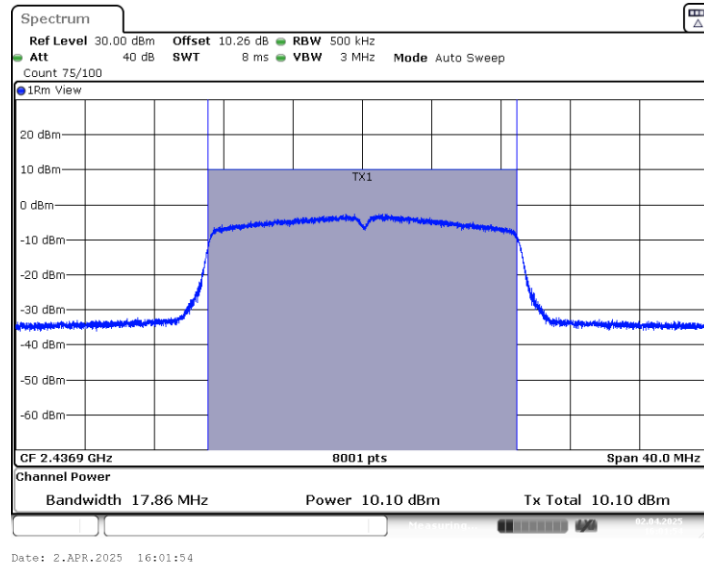
11G_Ant1_2462



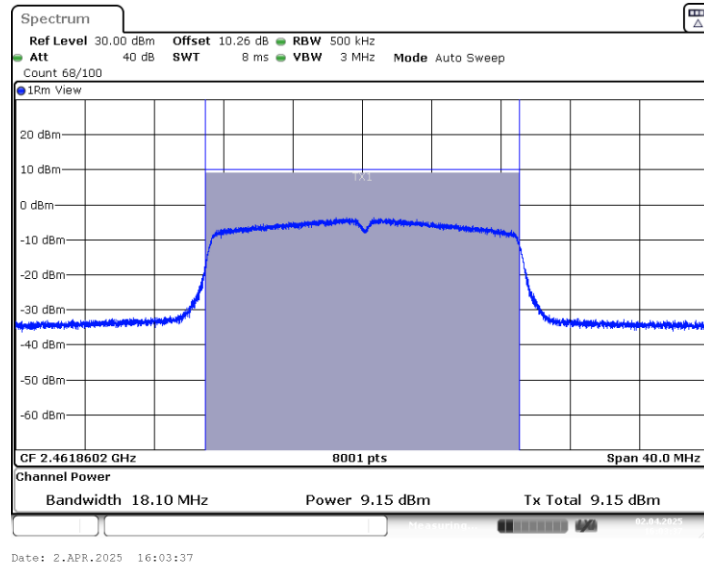
11N20SISO_Ant1_2412



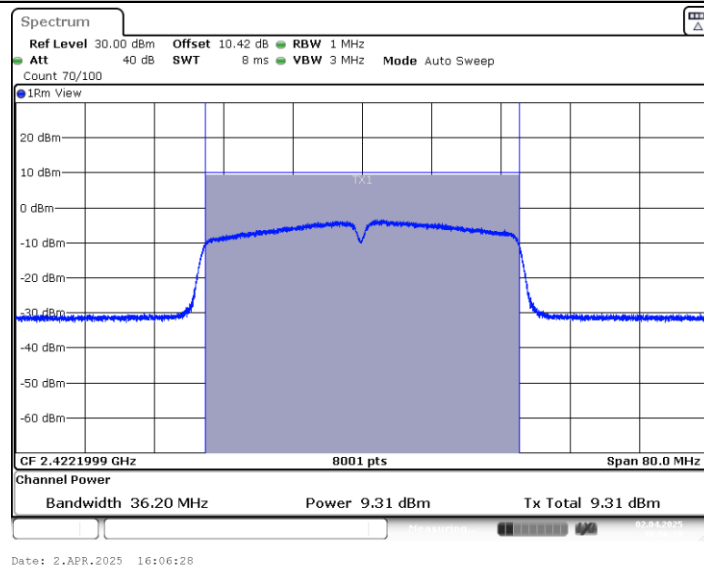
11N20SISO_Ant1_2437



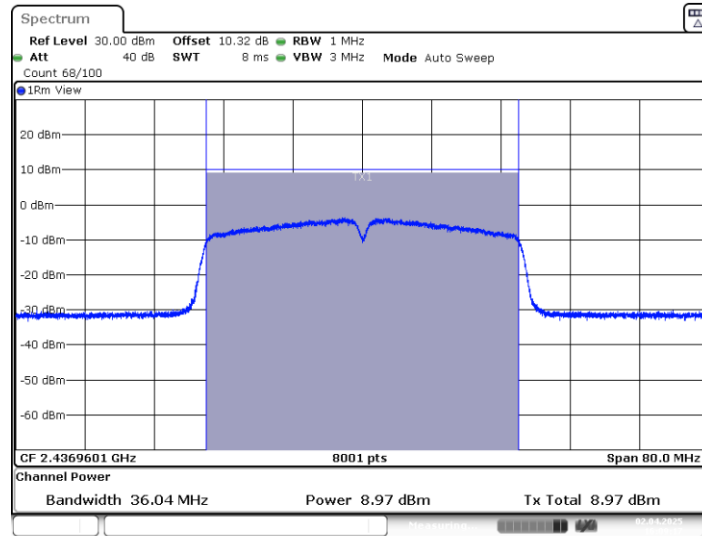
11N20SISO_Ant1_2462



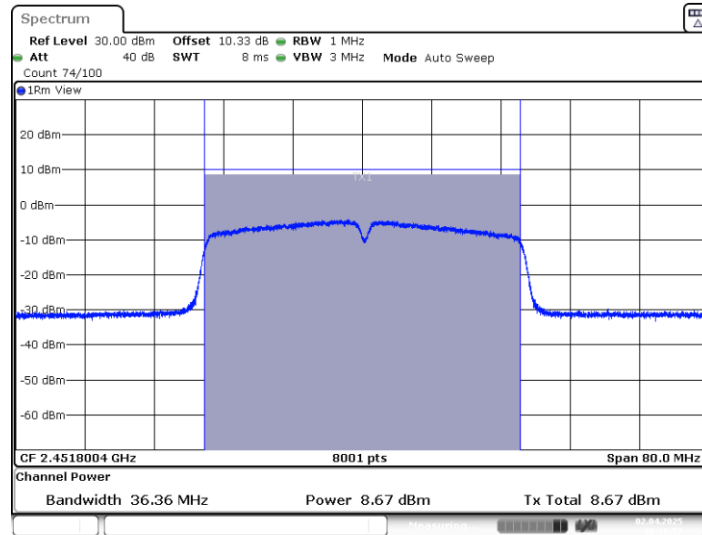
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix D: Maximum power spectral density

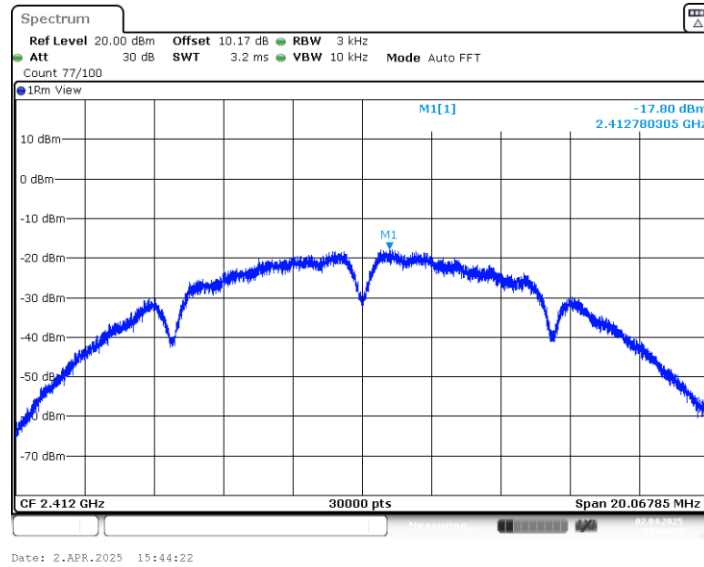
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.80	≤8.00	PASS
		2437	-17.30	≤8.00	PASS
		2462	-18.93	≤8.00	PASS
11G	Ant1	2412	-21.85	≤8.00	PASS
		2437	-21.91	≤8.00	PASS
		2462	-22.39	≤8.00	PASS
11N20SISO	Ant1	2412	-21.30	≤8.00	PASS
		2437	-22.03	≤8.00	PASS
		2462	-22.94	≤8.00	PASS
11N40SISO	Ant1	2422	-23.88	≤8.00	PASS
		2437	-25.05	≤8.00	PASS
		2452	-25.27	≤8.00	PASS

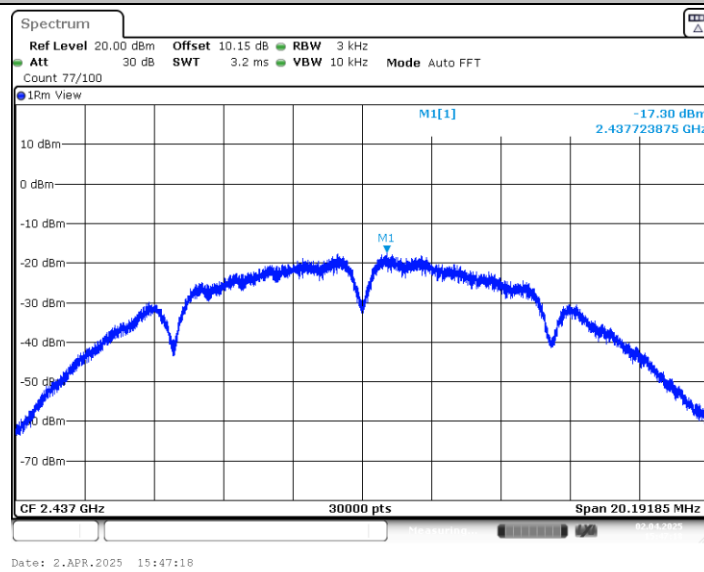
Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

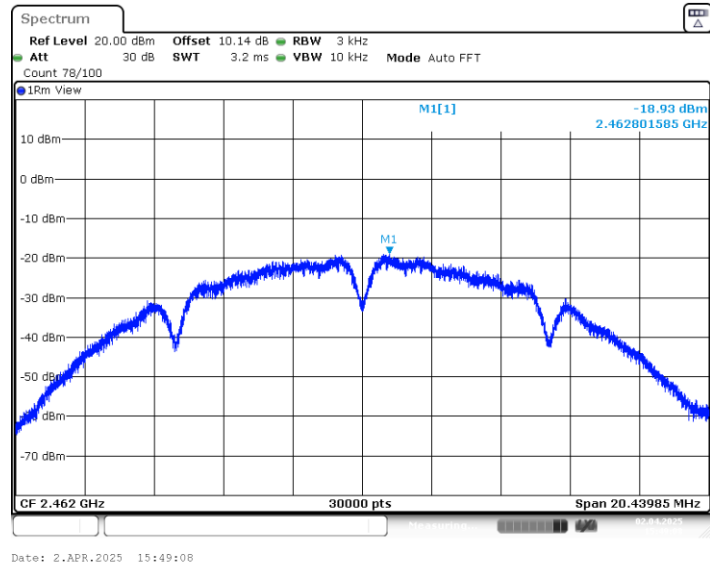
11B_Ant1_2412



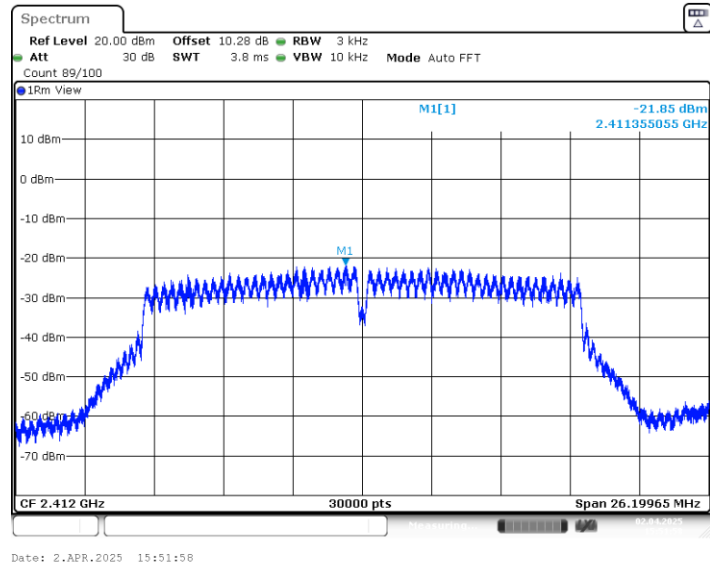
11B_Ant1_2437



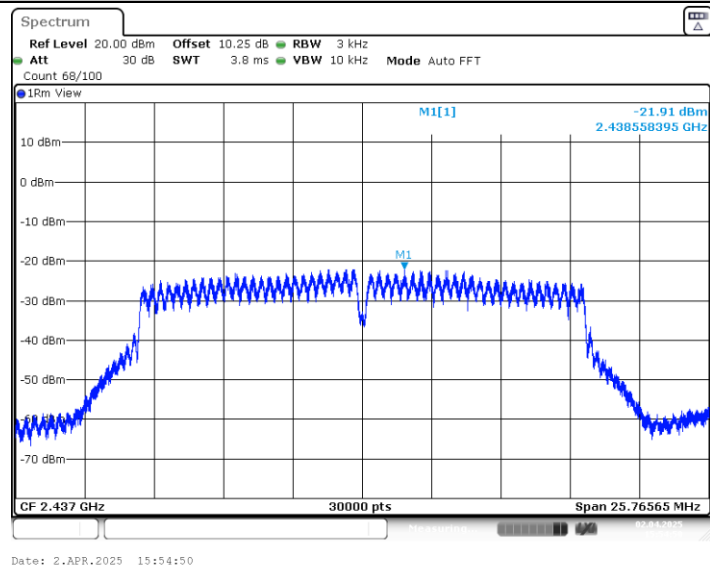
11B_Ant1_2462



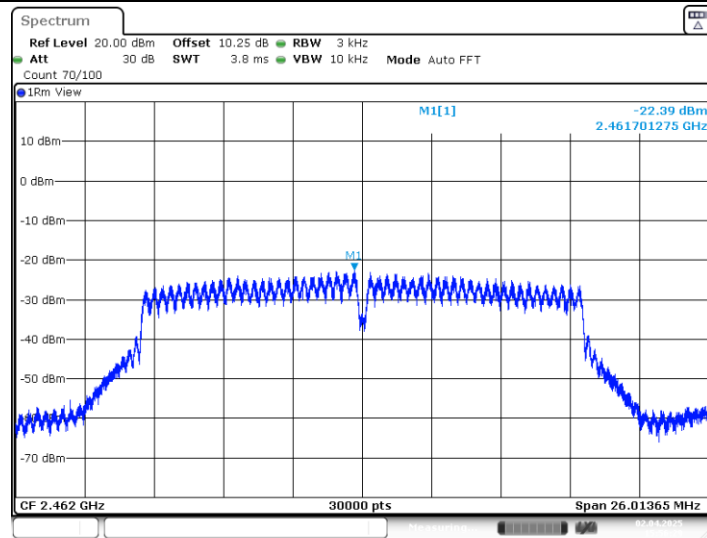
11G_Ant1_2412



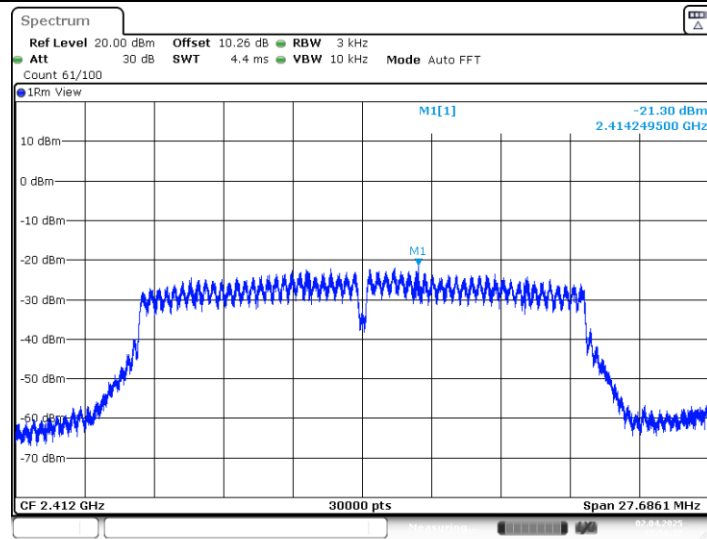
11G_Ant1_2437



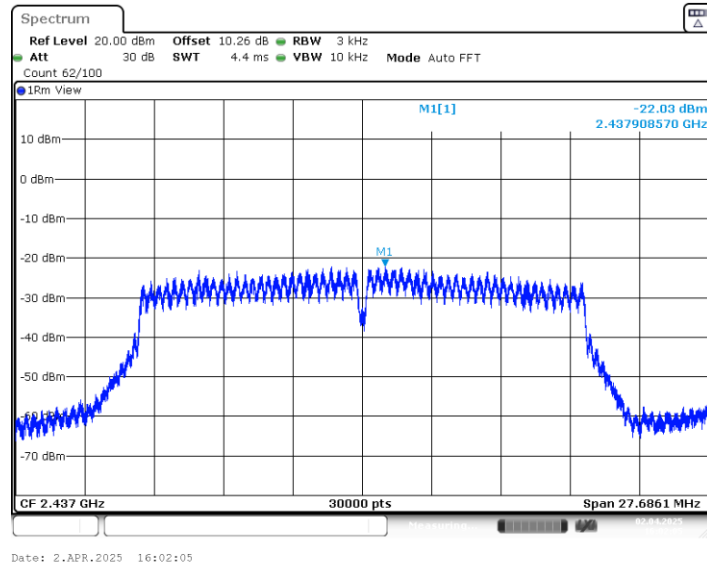
11G_Ant1_2462



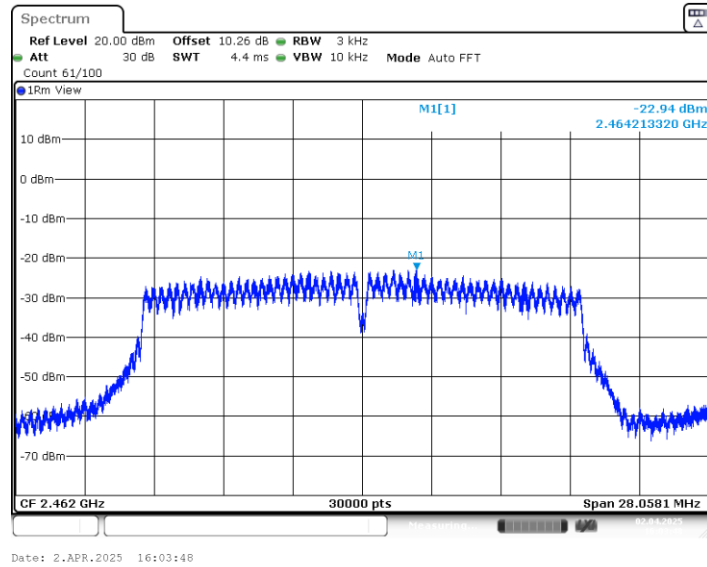
11N20SISO_Ant1_2412



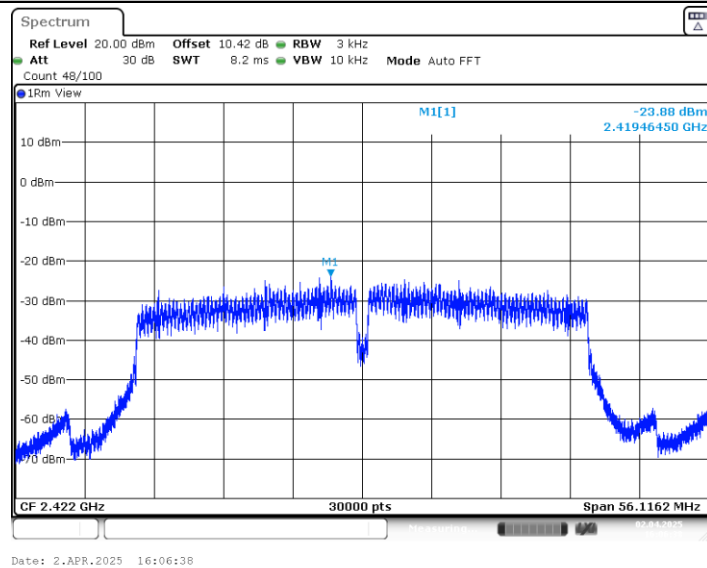
11N20SISO_Ant1_2437



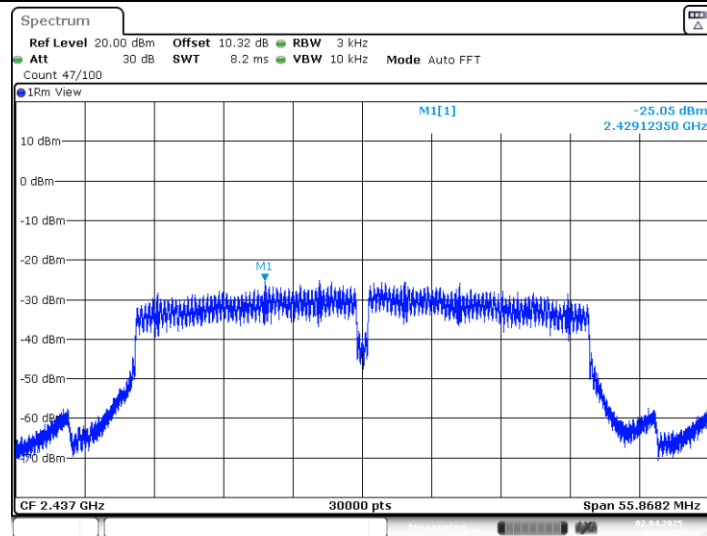
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

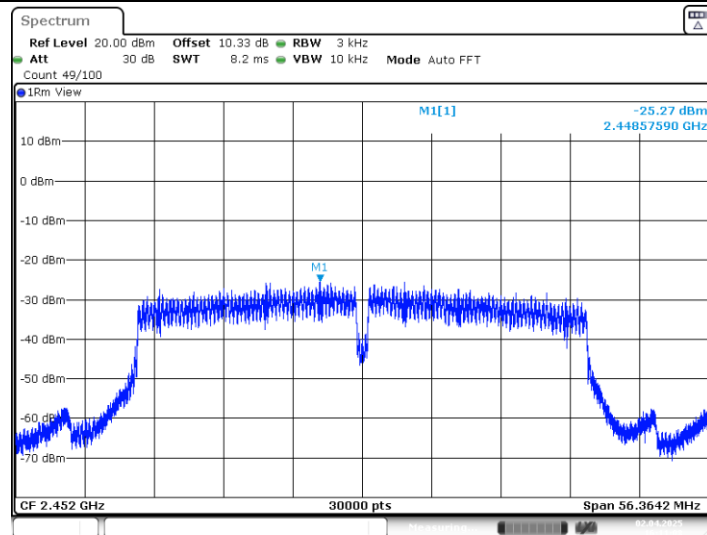


11N40SISO_Ant1_2437



Date: 2.APR.2025 16:09:26

11N40SISO_Ant1_2452



Date: 2.APR.2025 16:11:08

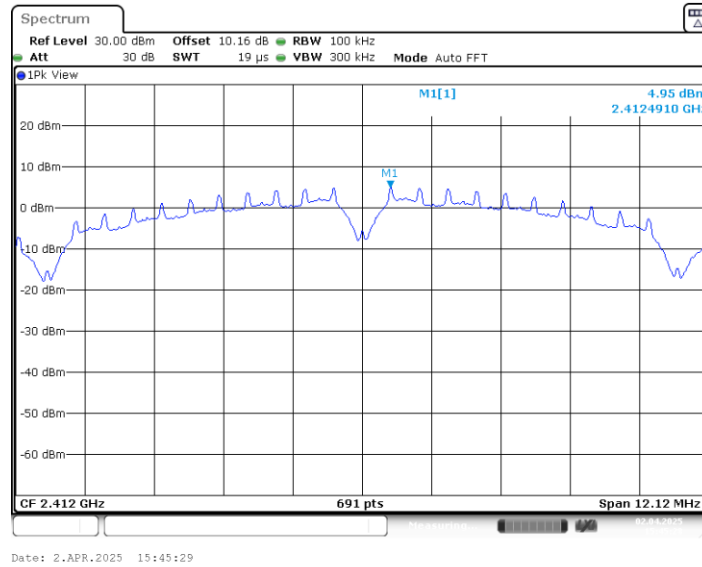
Appendix E: Reference level measurement

Test Result

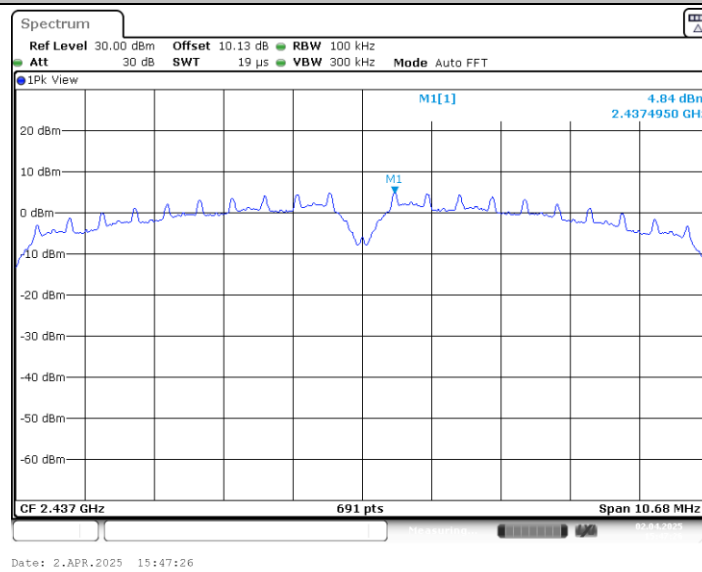
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.49	4.95
		2437	2437.50	4.84
		2462	2463.00	3.82
11G	Ant1	2412	2410.73	0.25
		2437	2438.26	-0.49
		2462	2460.73	-0.65
11N20SISO	Ant1	2412	2410.72	0.24
		2437	2438.24	0.46
		2462	2460.74	-0.65
11N40SISO	Ant1	2422	2425.74	-2.96
		2437	2434.51	-3.33
		2452	2449.49	-3.92

Test Graphs

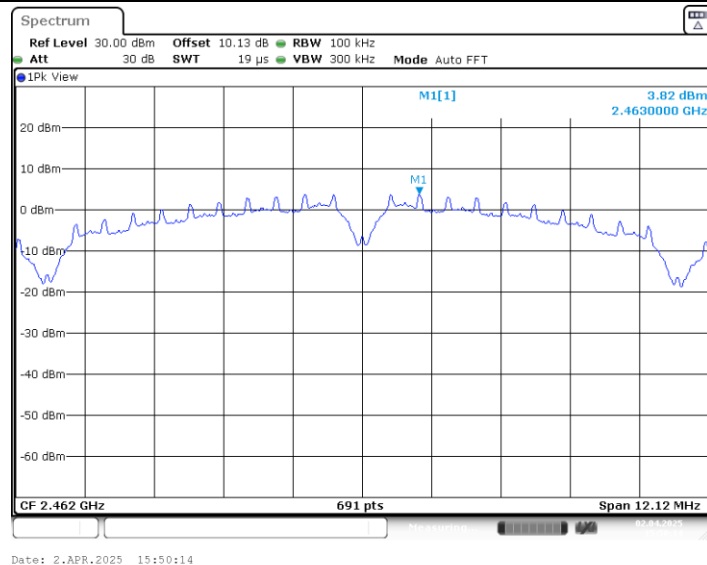
11B_Ant1_2412



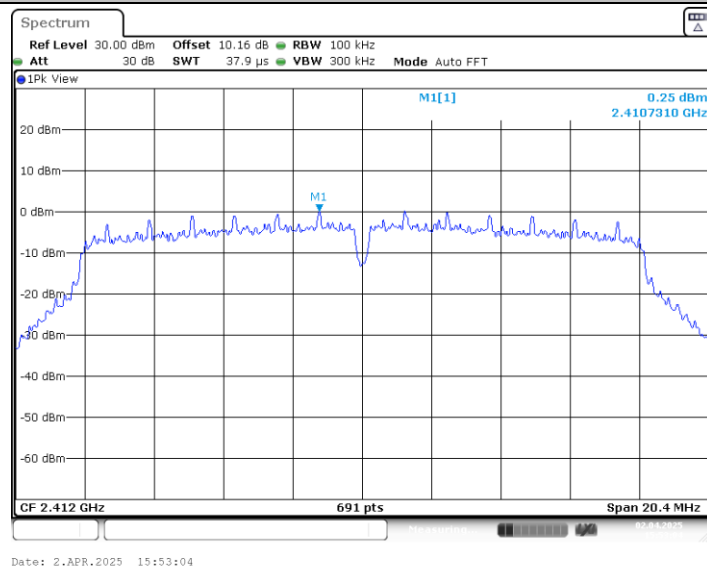
11B_Ant1_2437



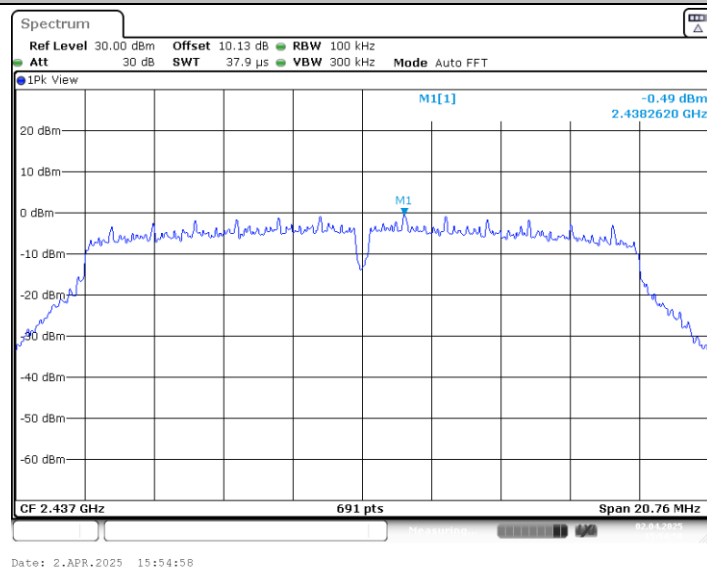
11B_Ant1_2462



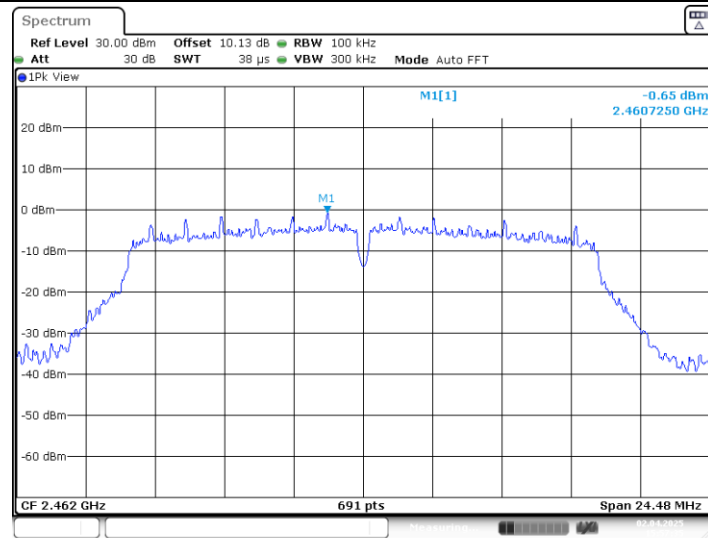
11G_Ant1_2412



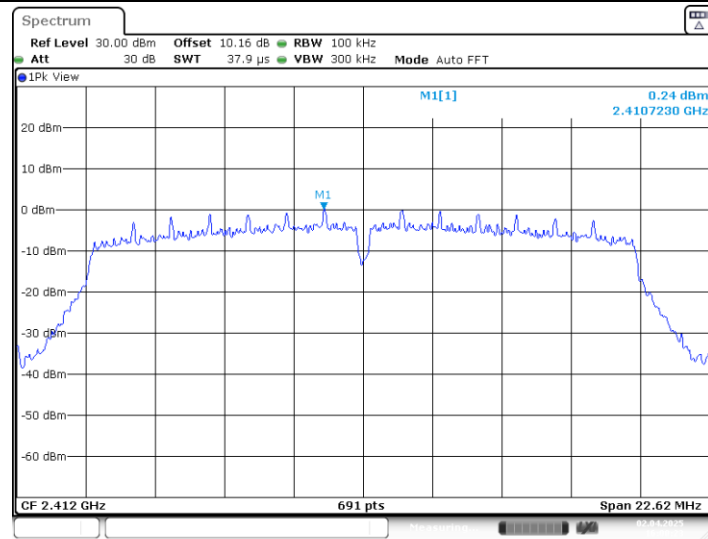
11G_Ant1_2437



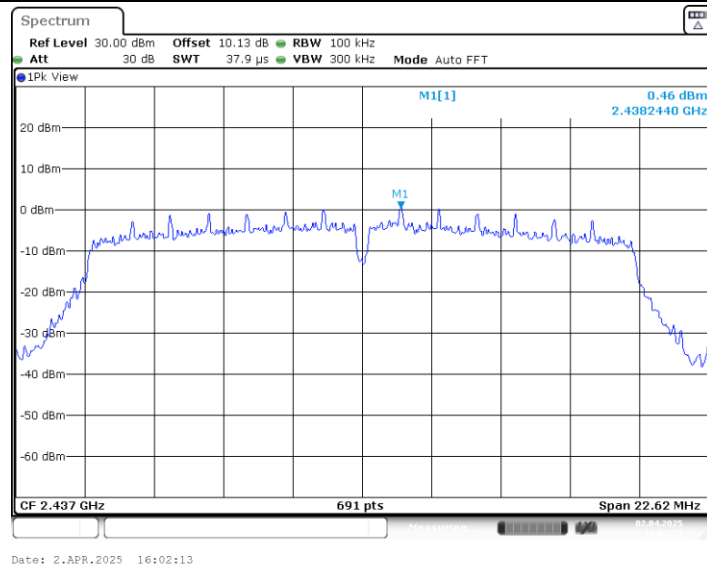
11G_Ant1_2462



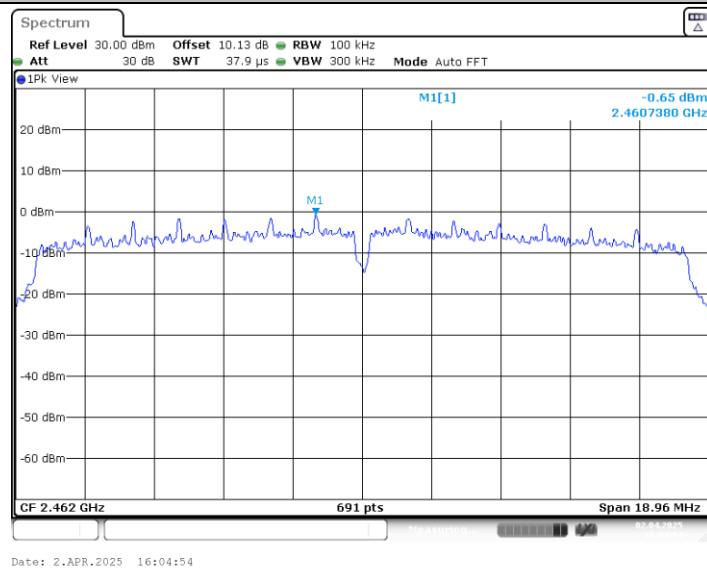
11N20SISO_Ant1_2412



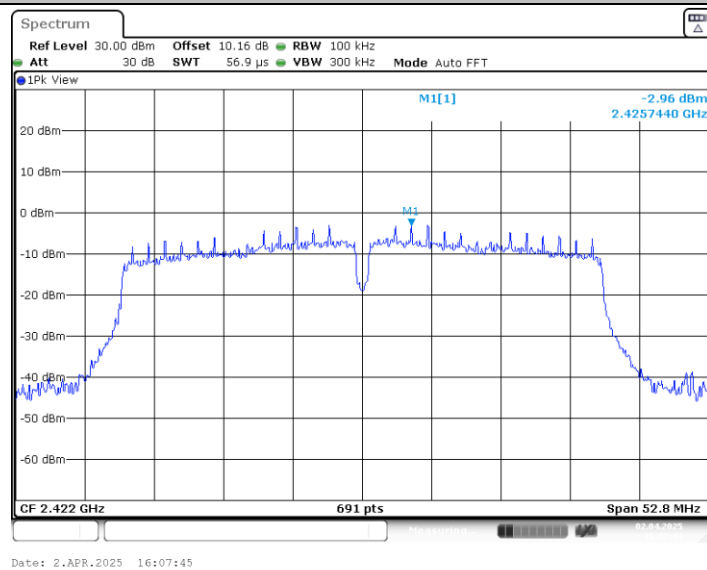
11N20SISO_Ant1_2437



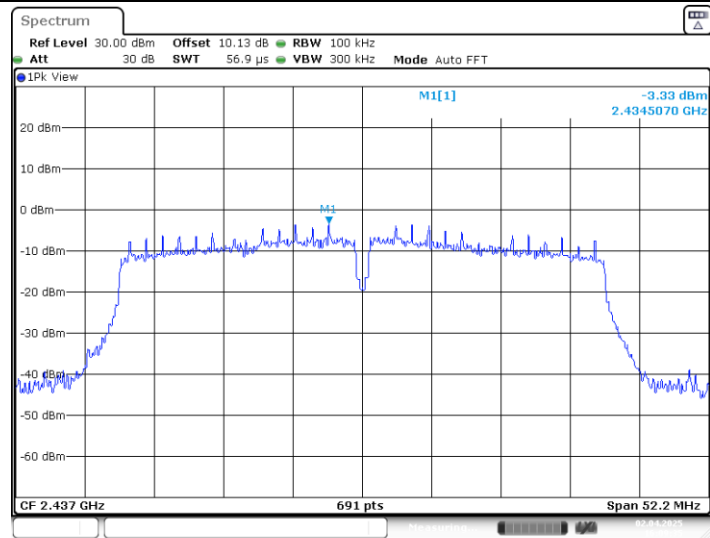
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

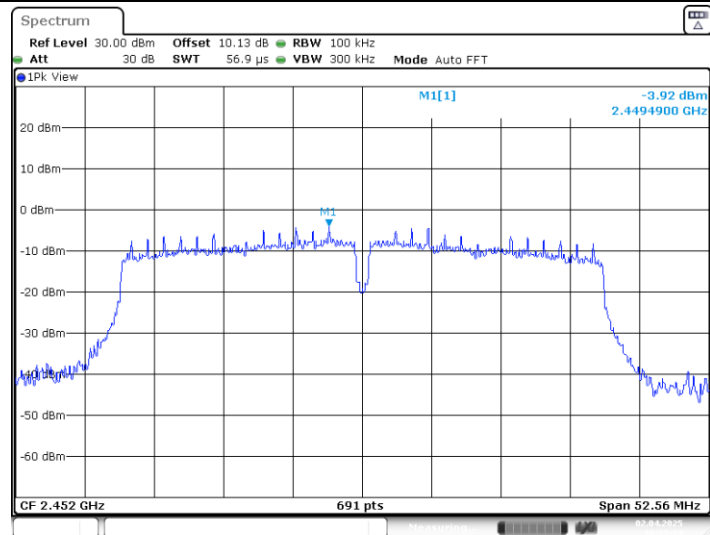


11N40SISO_Ant1_2437



Date: 2.APR.2025 16:09:35

11N40SISO_Ant1_2452



Date: 2.APR.2025 16:12:14

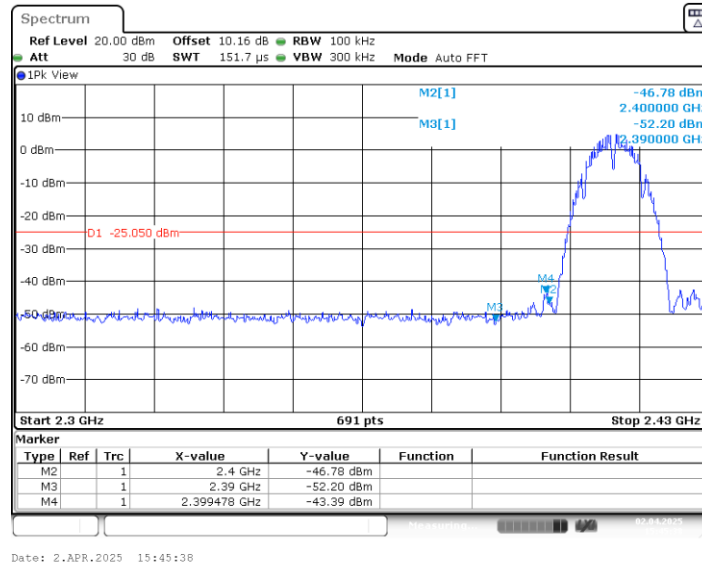
Appendix F: Band edge measurements

Test Result

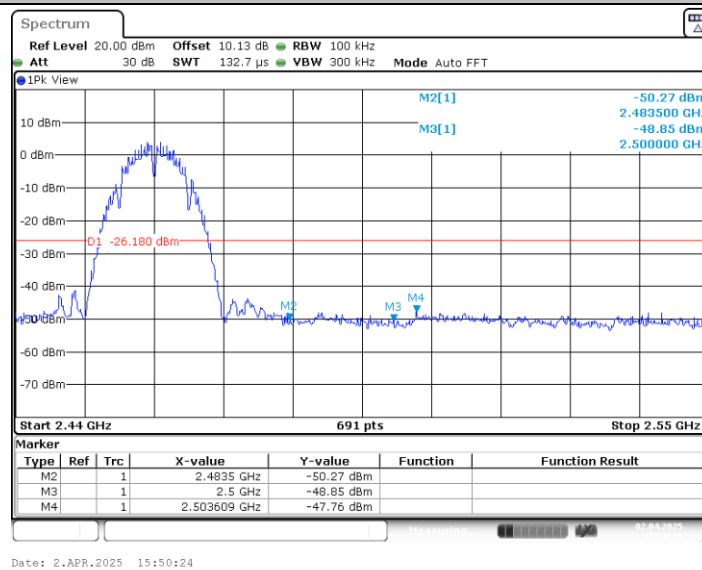
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.95	-43.39	≤-25.05	PASS
		High	2462	3.82	-47.76	≤-26.18	PASS
11G	Ant1	Low	2412	0.25	-36.99	≤-29.75	PASS
		High	2462	-0.65	-46.21	≤-30.65	PASS
11N20SISO	Ant1	Low	2412	0.24	-37.19	≤-29.76	PASS
		High	2462	-0.65	-46.31	≤-30.65	PASS
11N40SISO	Ant1	Low	2422	-2.96	-40.57	≤-32.96	PASS
		High	2452	-3.92	-40.73	≤-33.92	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412