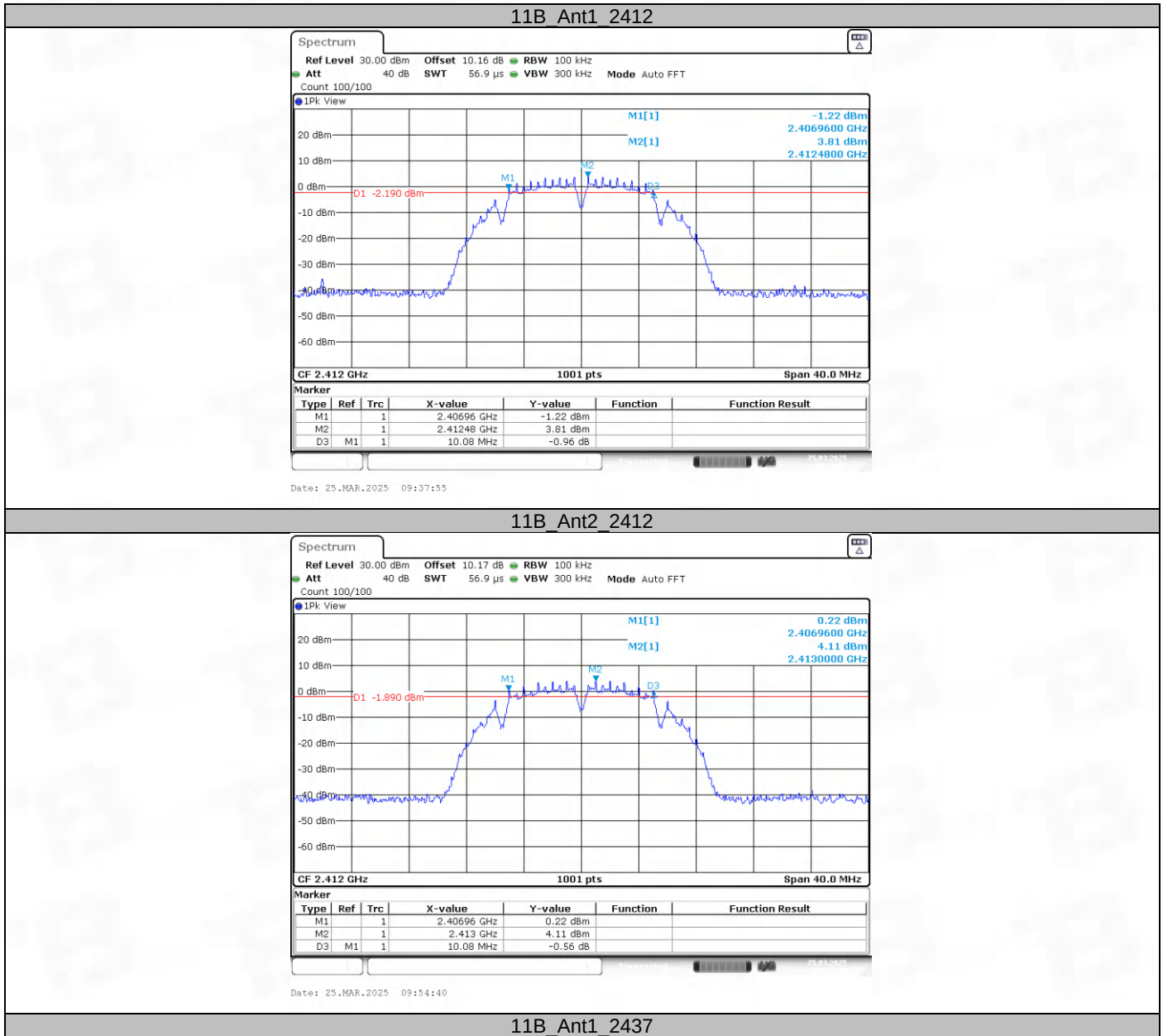


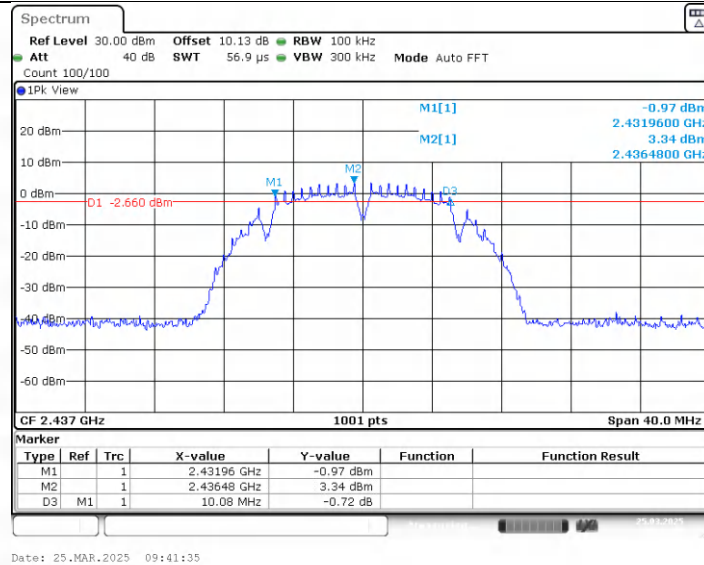
1.1 Appendix A: DTS Bandwidth

1.1.1 Test Result

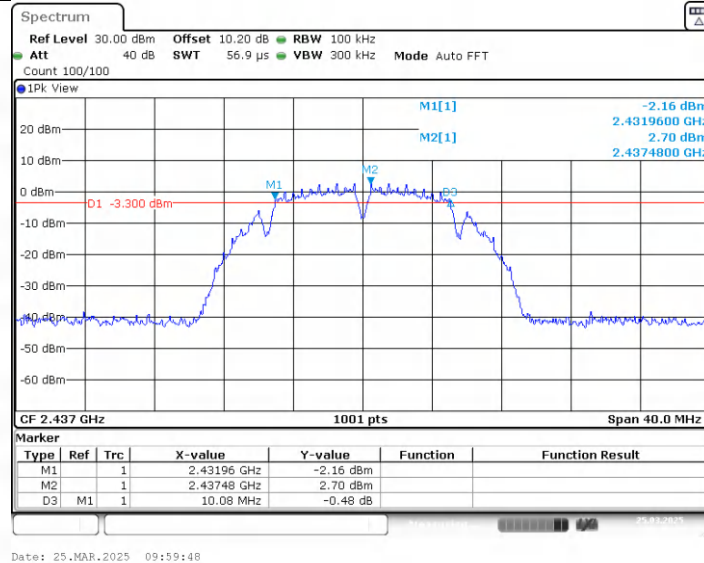
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.08	2406.96	2417.04	0.5	PASS
	Ant2	2412	10.08	2406.96	2417.04	0.5	PASS
	Ant1	2437	10.08	2431.96	2442.04	0.5	PASS
	Ant2	2437	10.08	2431.96	2442.04	0.5	PASS
	Ant1	2462	10.08	2456.96	2467.04	0.5	PASS
	Ant2	2462	10.08	2456.96	2467.04	0.5	PASS
11G	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant1	2462	16.08	2454.08	2470.16	0.5	PASS
	Ant2	2462	15.12	2454.44	2469.56	0.5	PASS
11N20MIMO	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	13.84	2430.68	2444.52	0.5	PASS
	Ant1	2462	15.12	2454.44	2469.56	0.5	PASS
	Ant2	2462	15.12	2454.44	2469.56	0.5	PASS
11N40MIMO	Ant1	2422	35.04	2404.48	2439.52	0.5	PASS
	Ant2	2422	35.04	2404.48	2439.52	0.5	PASS
	Ant1	2437	30.40	2424.12	2454.52	0.5	PASS
	Ant2	2437	26.24	2419.48	2445.72	0.5	PASS
	Ant1	2452	35.04	2434.48	2469.52	0.5	PASS
	Ant2	2452	35.68	2433.84	2469.52	0.5	PASS

1.1.2 Test Graphs

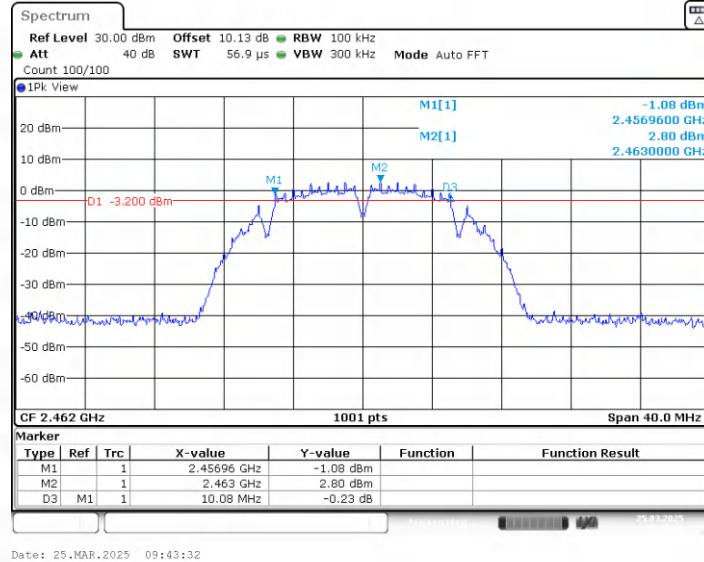




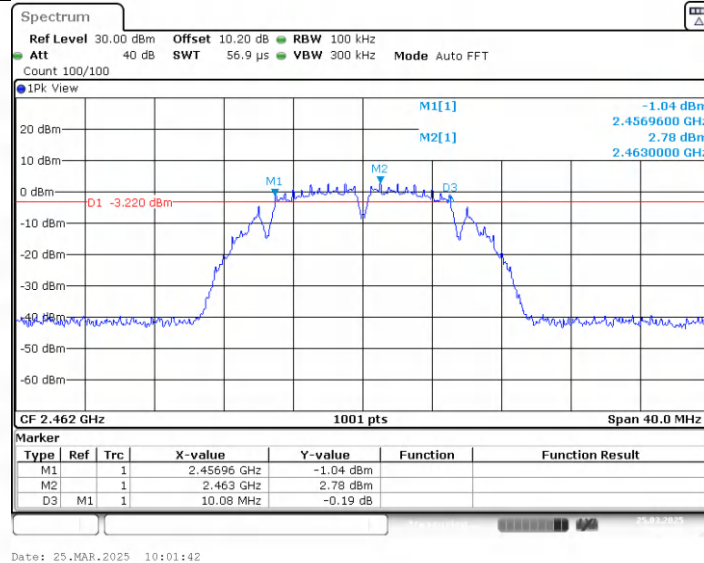
11B_Ant2_2437



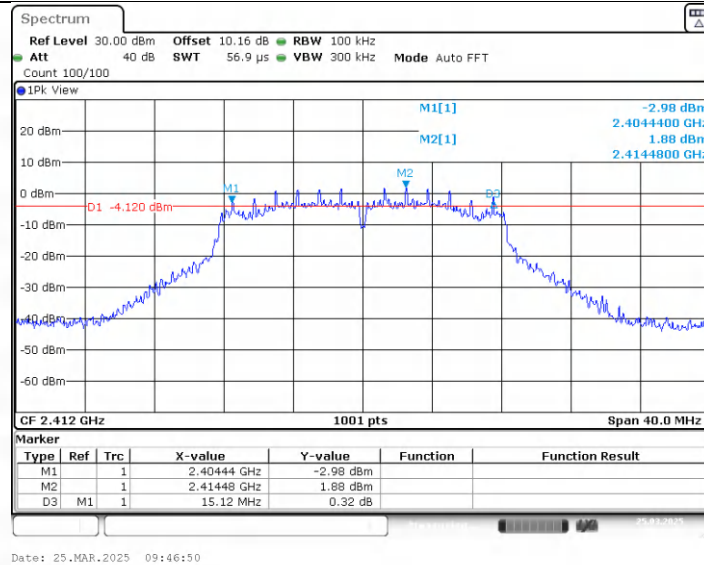
11B_Ant1_2462



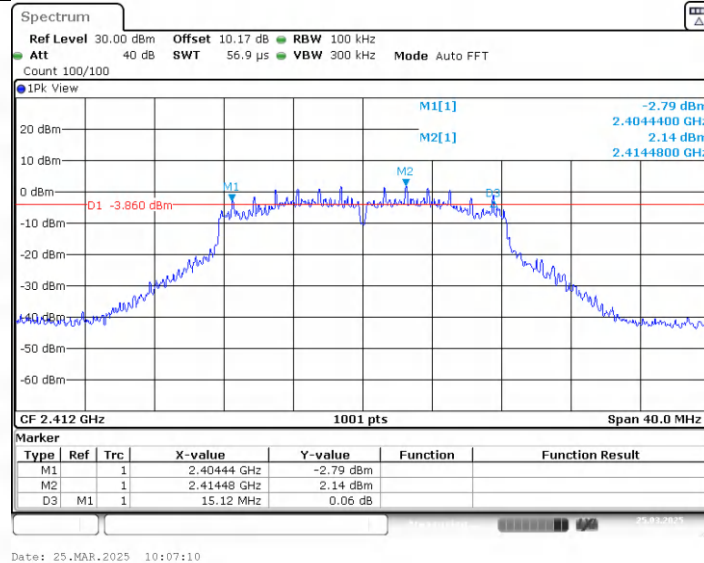
11B_Ant2_2462



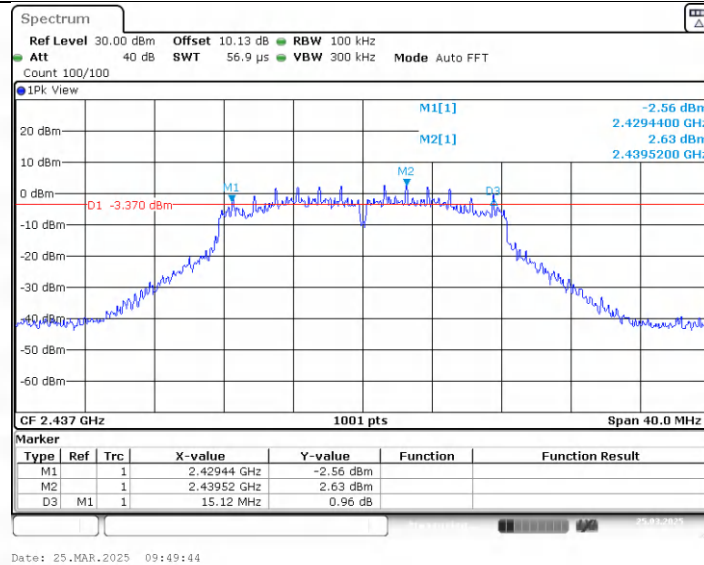
11G_Ant1_2412



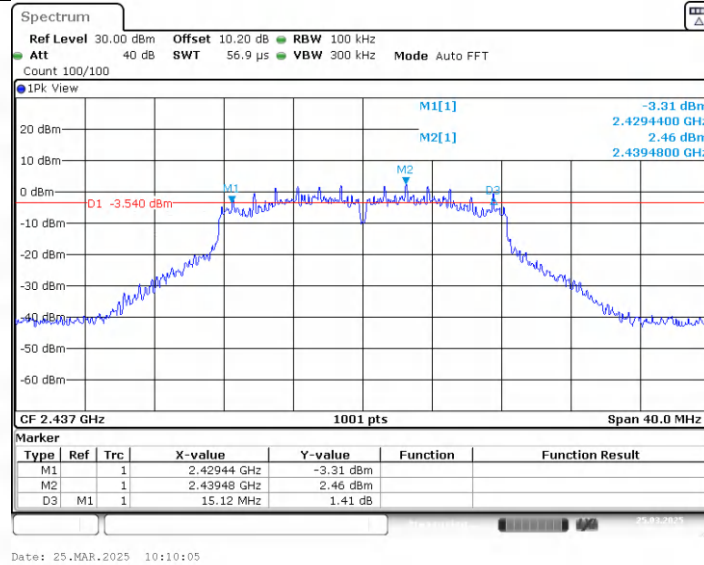
11G_Ant2_2412



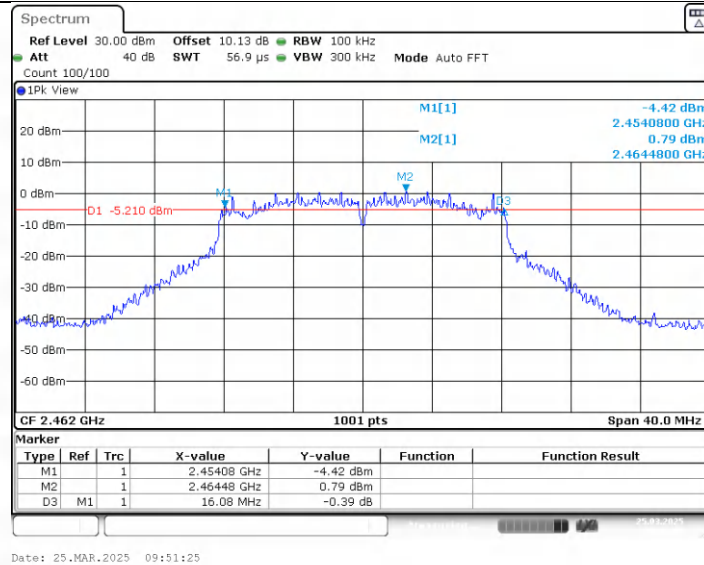
11G_Ant1_2437



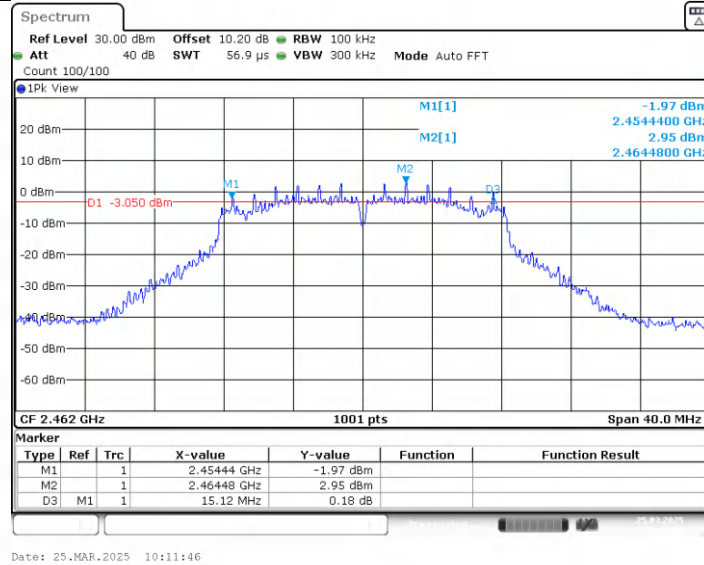
11G_Ant2_2437



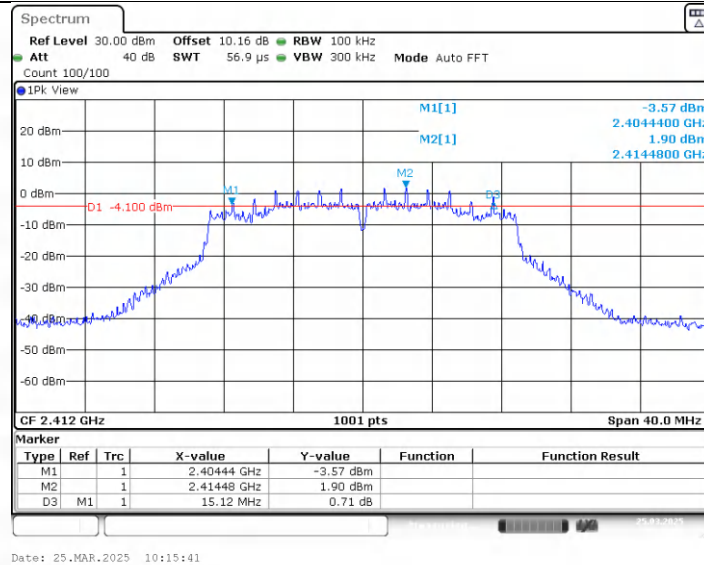
11G_Ant1_2462



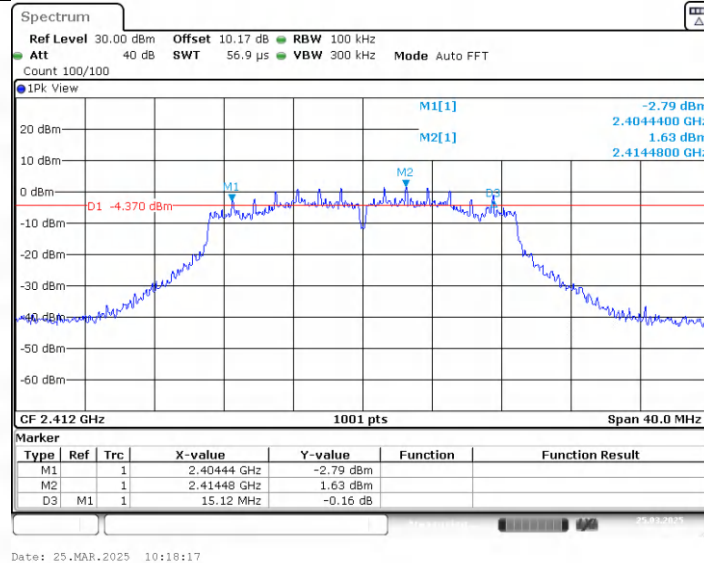
11G Ant2 2462



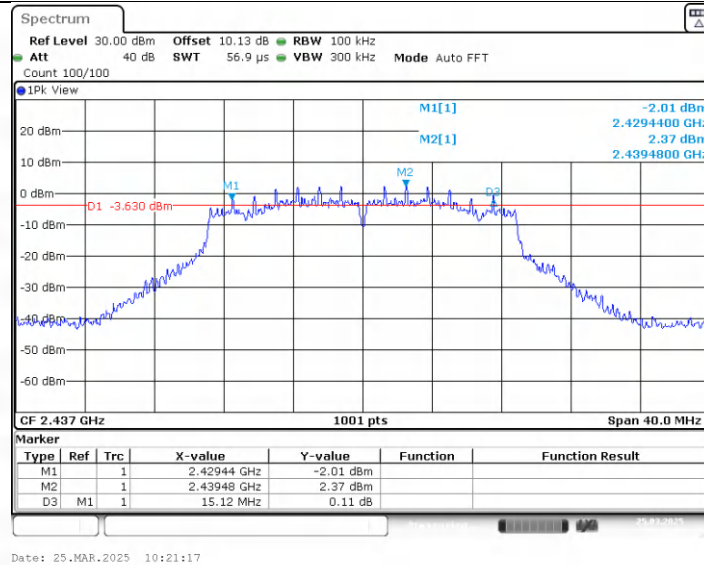
11N20MIMO Ant1 2412



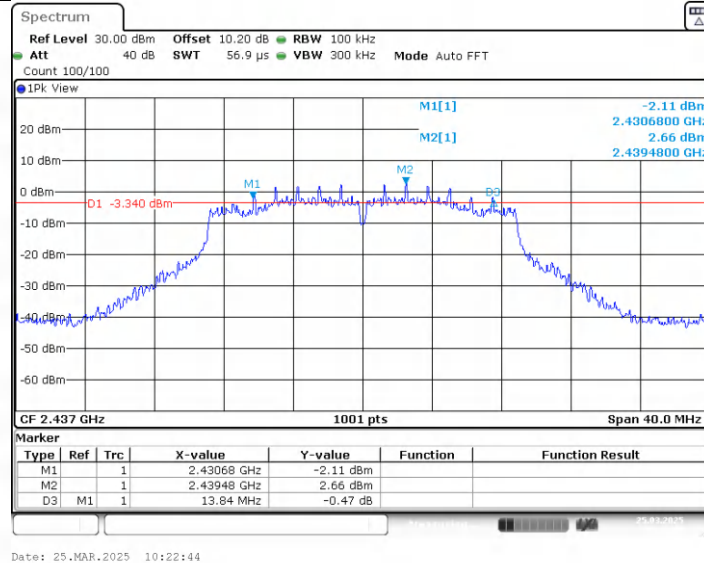
11N20MIMO Ant2 2412



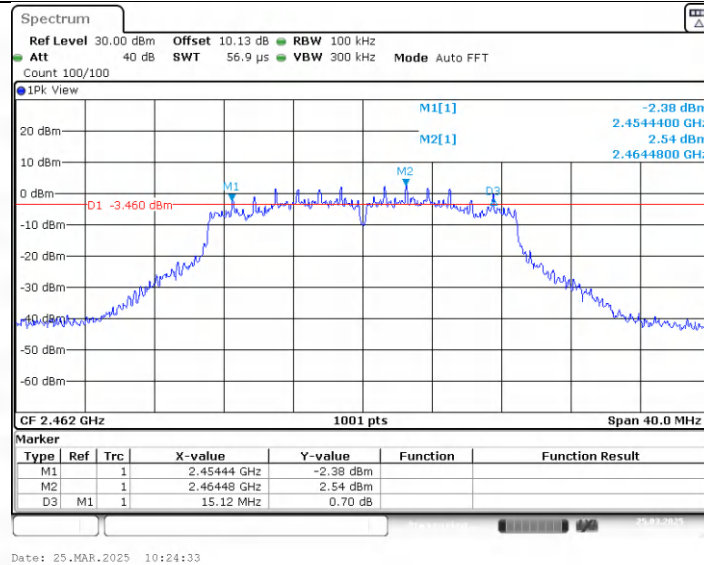
11N20MIMO Ant1 2437



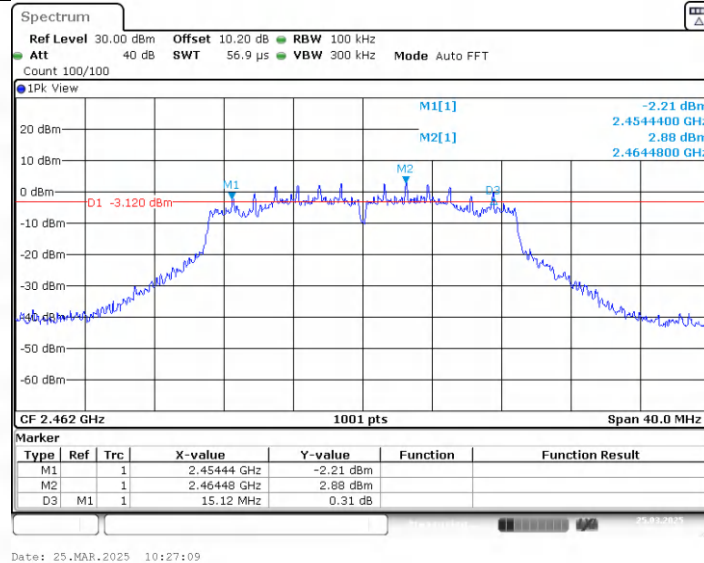
11N20MIMO Ant2 2437



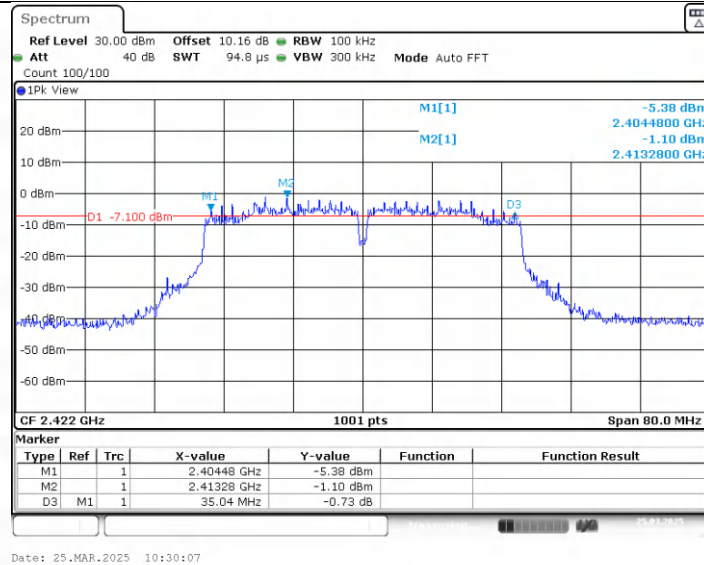
11N20MIMO Ant1 2462



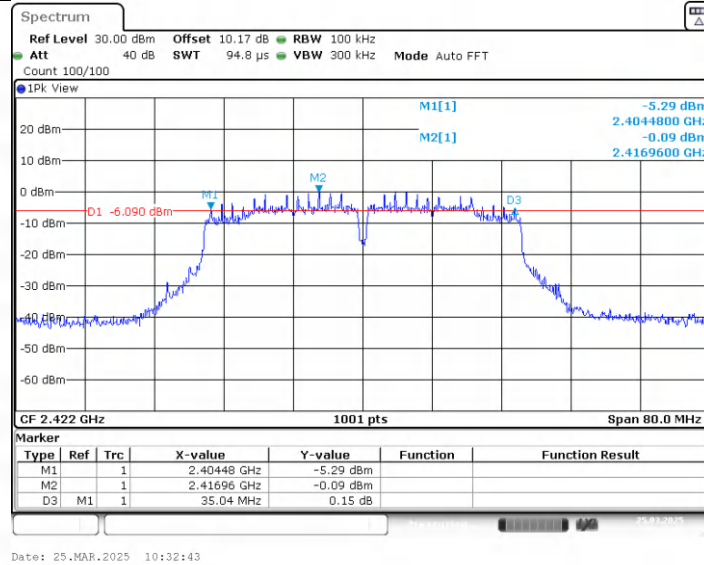
11N20MIMO Ant2 2462



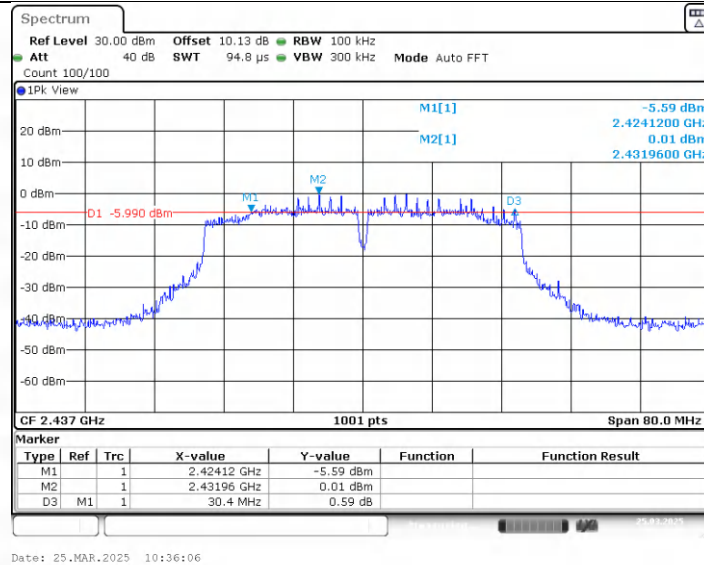
11N40MIMO Ant1 2422



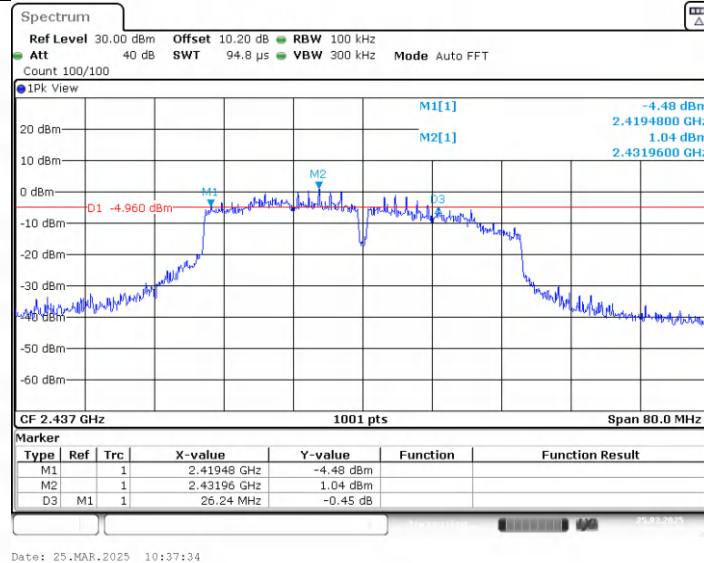
11N40MIMO Ant2 2422



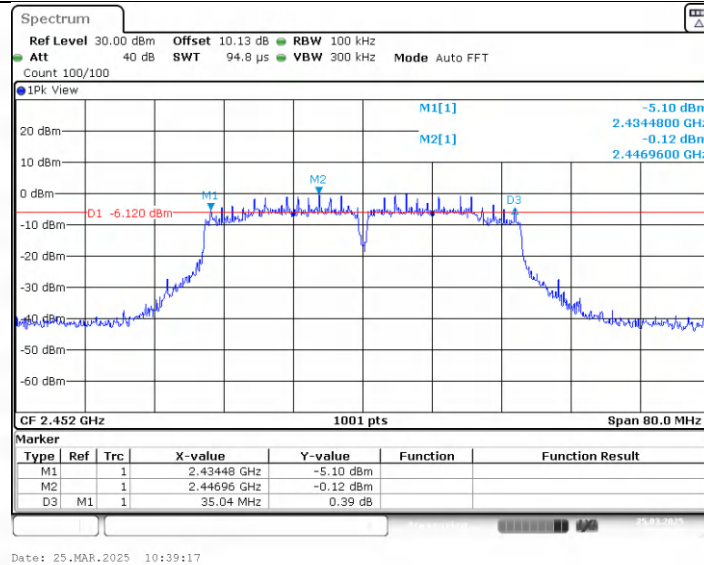
11N40MIMO Ant1 2437



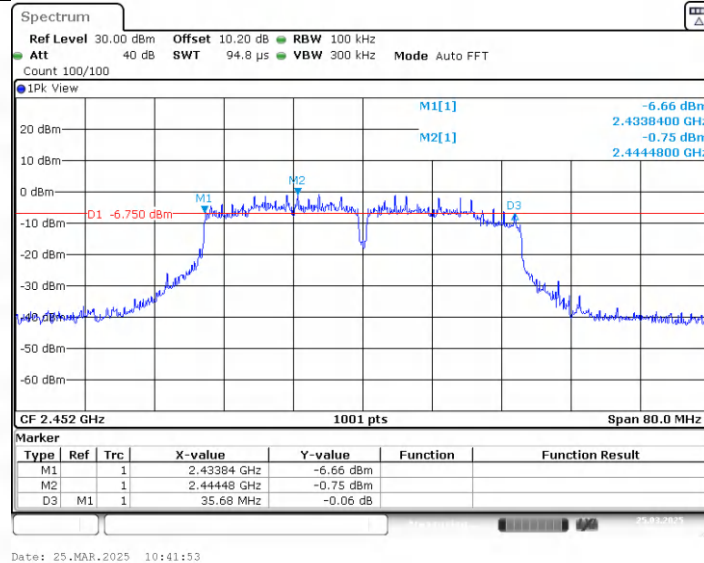
11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452

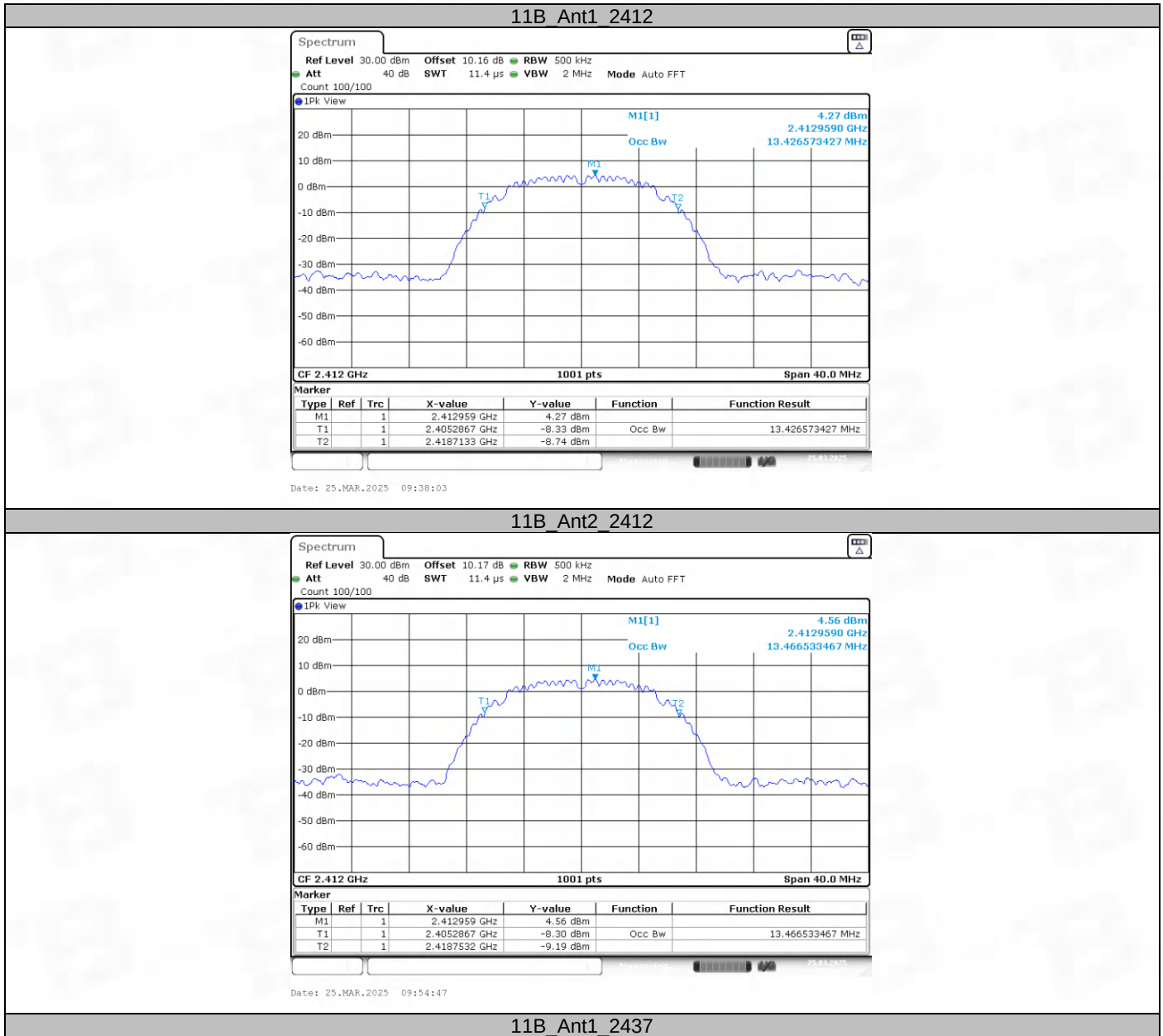


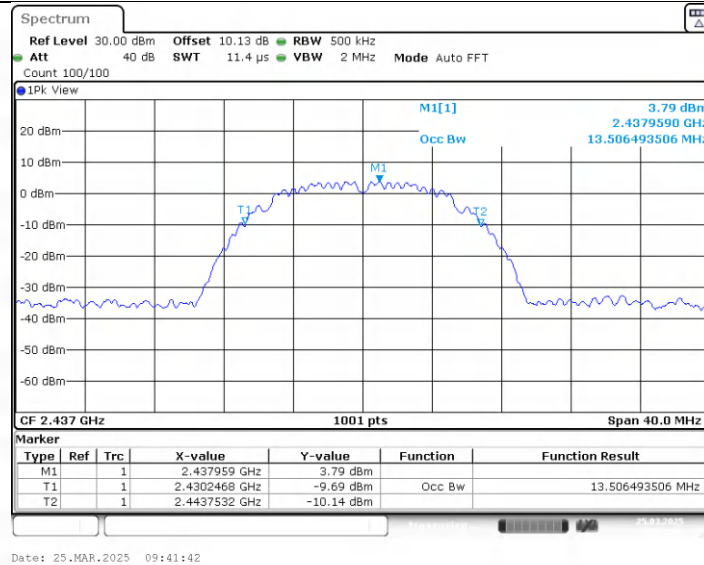
1.2 Appendix B: Occupied Channel Bandwidth

1.2.1 Test Result

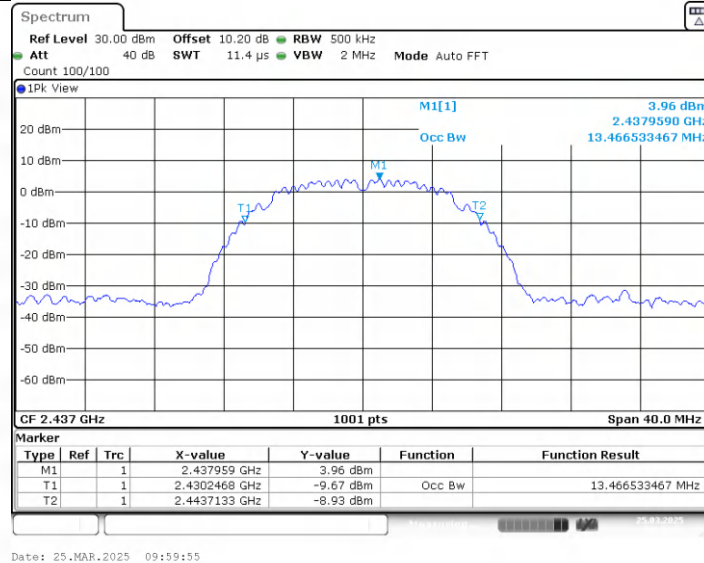
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.427	2405.2867	2418.7133	---	---
	Ant2	2412	13.467	2405.2867	2418.7532	---	---
	Ant1	2437	13.506	2430.2468	2443.7532	---	---
	Ant2	2437	13.467	2430.2468	2443.7133	---	---
	Ant1	2462	13.506	2455.2867	2468.7932	---	---
	Ant2	2462	13.467	2455.2867	2468.7532	---	---
11G	Ant1	2412	16.863	2403.4885	2420.3516	---	---
	Ant2	2412	17.023	2403.6484	2420.6713	---	---
	Ant1	2437	16.983	2428.4086	2445.3916	---	---
	Ant2	2437	17.023	2428.6084	2445.6314	---	---
	Ant1	2462	17.103	2453.4885	2470.5914	---	---
	Ant2	2462	17.023	2453.4086	2470.4316	---	---
11N20MIMO	Ant1	2412	17.942	2403.0090	2420.9510	---	---
	Ant2	2412	18.102	2402.8492	2420.9510	---	---
	Ant1	2437	18.062	2428.0090	2446.0709	---	---
	Ant2	2437	17.742	2428.1289	2445.8711	---	---
	Ant1	2462	17.822	2453.0490	2470.8711	---	---
	Ant2	2462	17.902	2453.0490	2470.9510	---	---
11N40MIMO	Ant1	2422	36.523	2403.5385	2440.0619	---	---
	Ant2	2422	36.124	2403.9381	2440.0619	---	---
	Ant1	2437	36.124	2419.0180	2455.1419	---	---
	Ant2	2437	35.724	2418.5385	2454.2627	---	---
	Ant1	2452	36.124	2434.0180	2470.1419	---	---
	Ant2	2452	36.523	2433.2987	2469.8222	---	---

1.2.2 Test Graphs

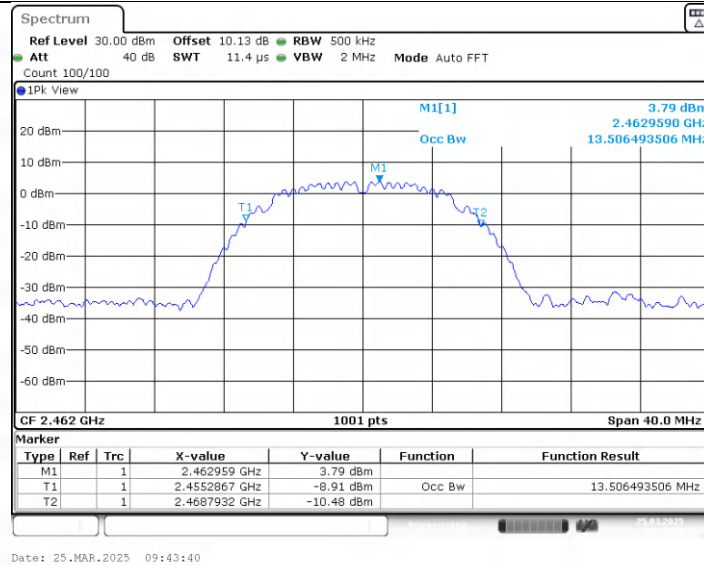




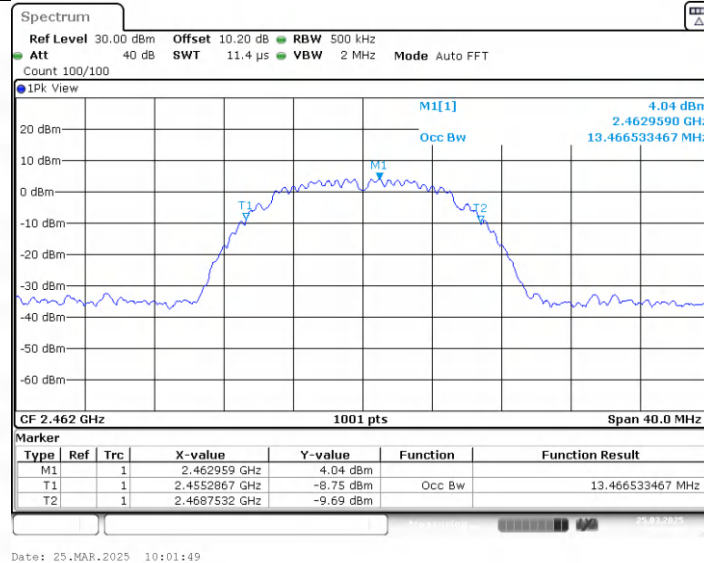
11B_Ant2_2437



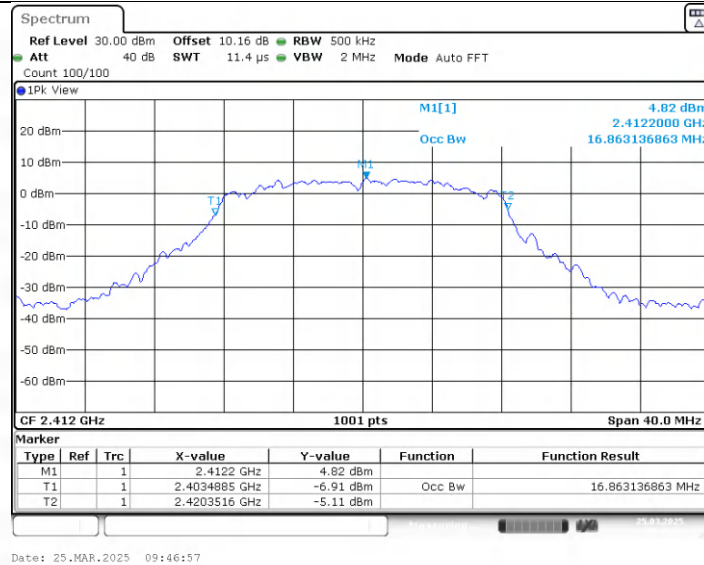
11B_Ant1_2462



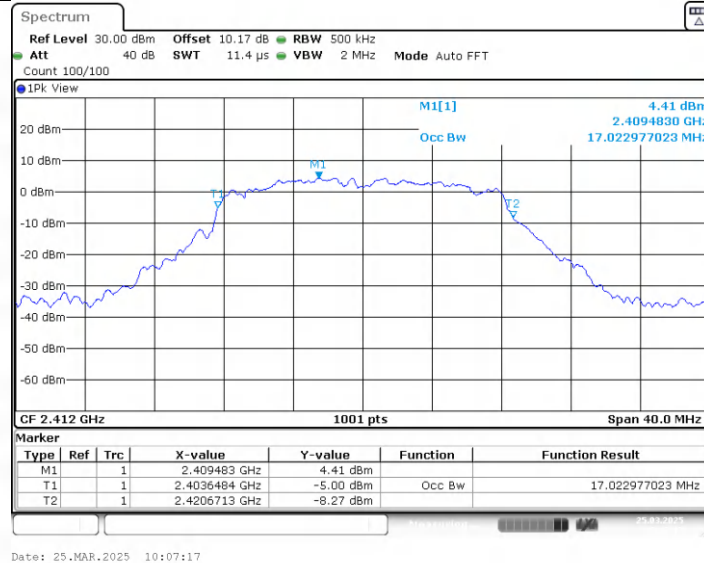
11B_Ant2_2462



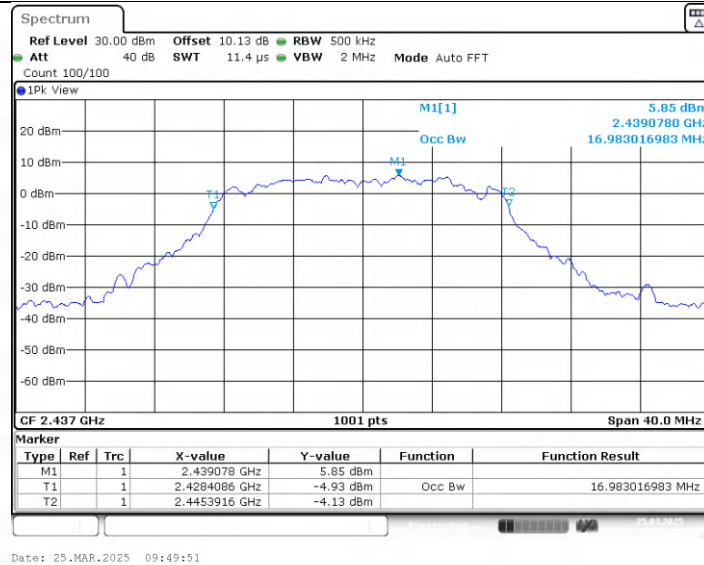
11G_Ant1_2412



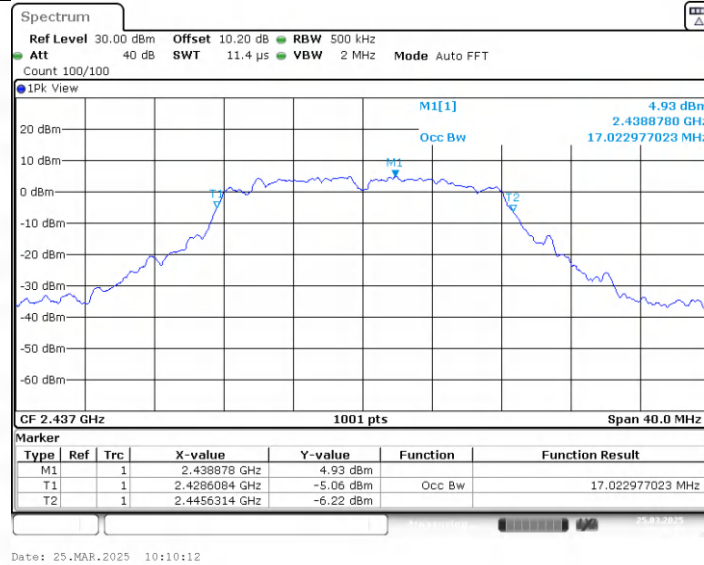
11G_Ant2_2412



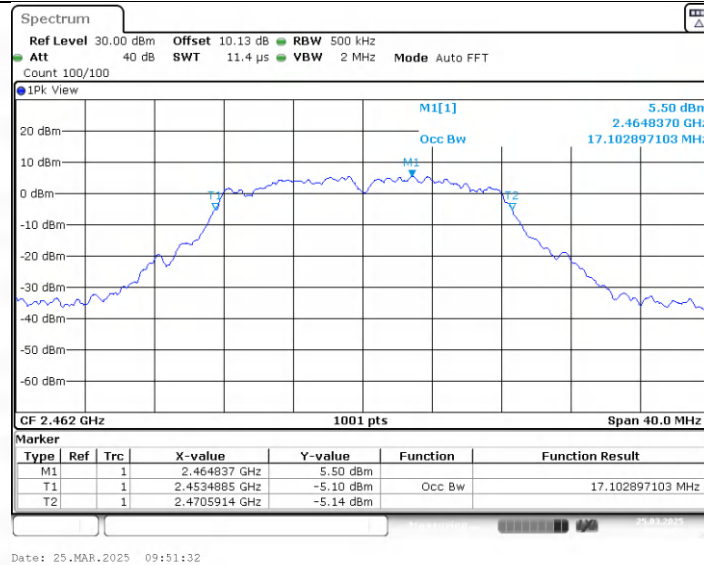
11G_Ant1_2437



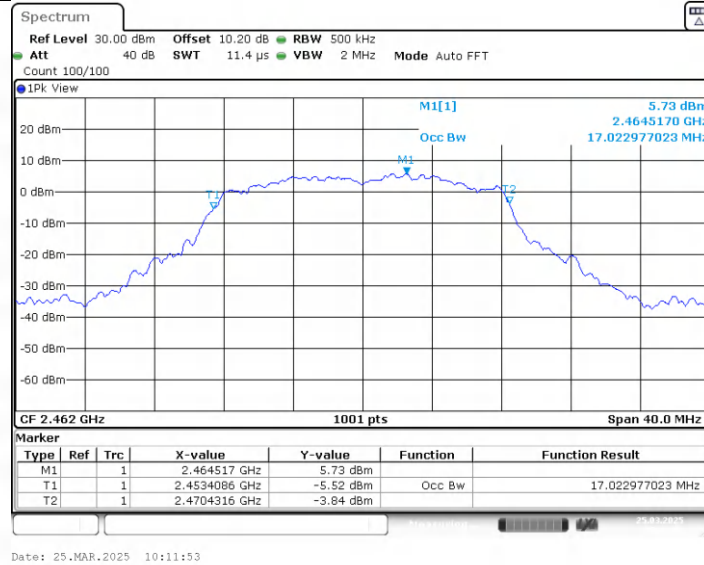
11G_Ant2_2437



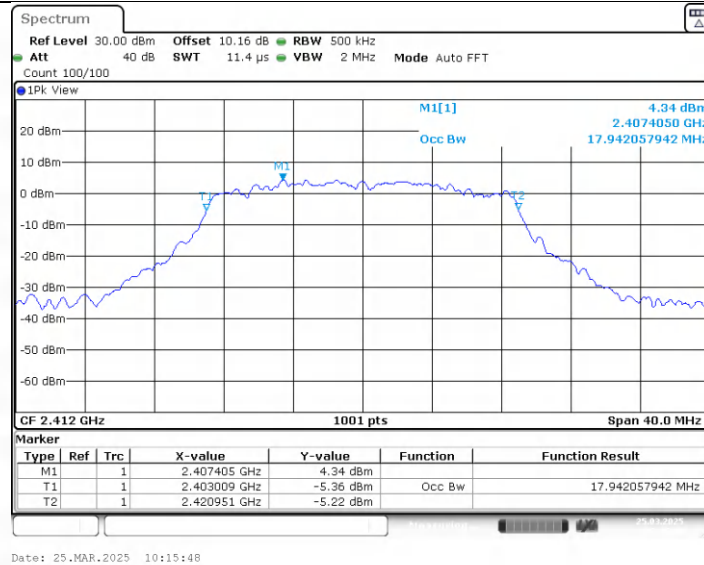
11G_Ant1_2462



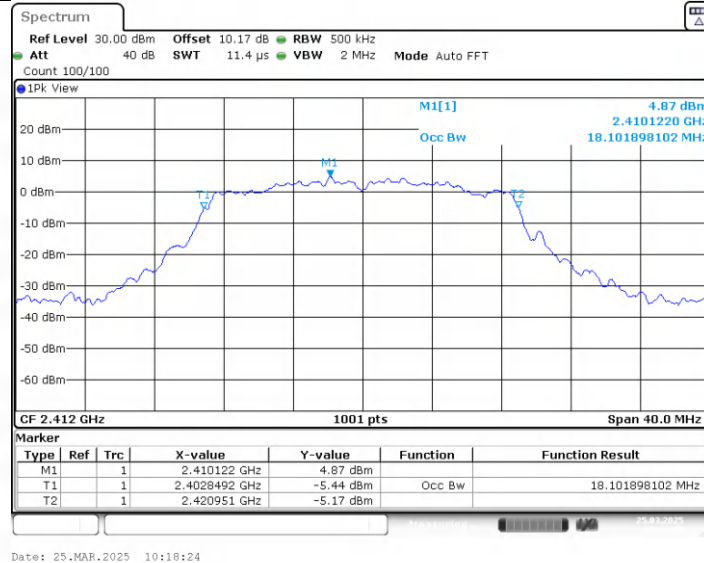
11G Ant2 2462



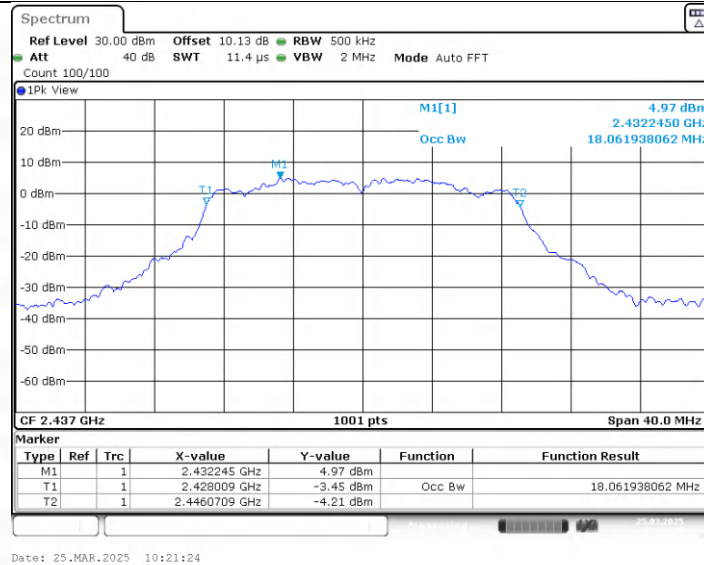
11N20MIMO Ant1 2412



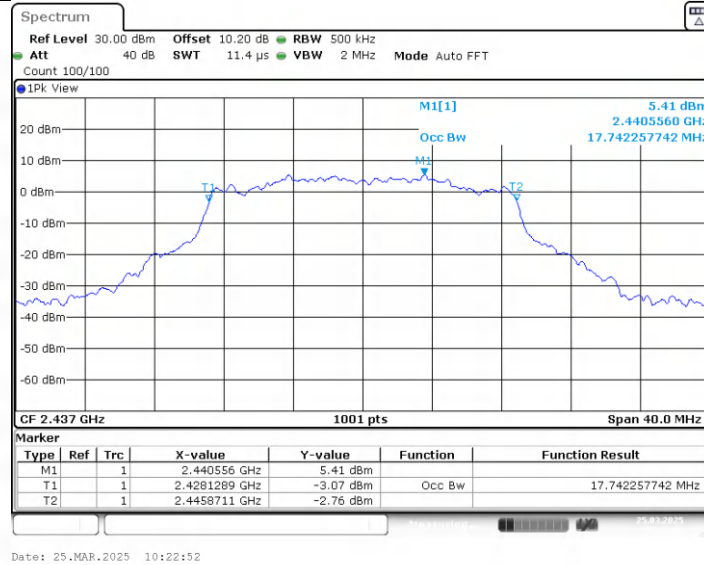
11N20MIMO Ant2 2412



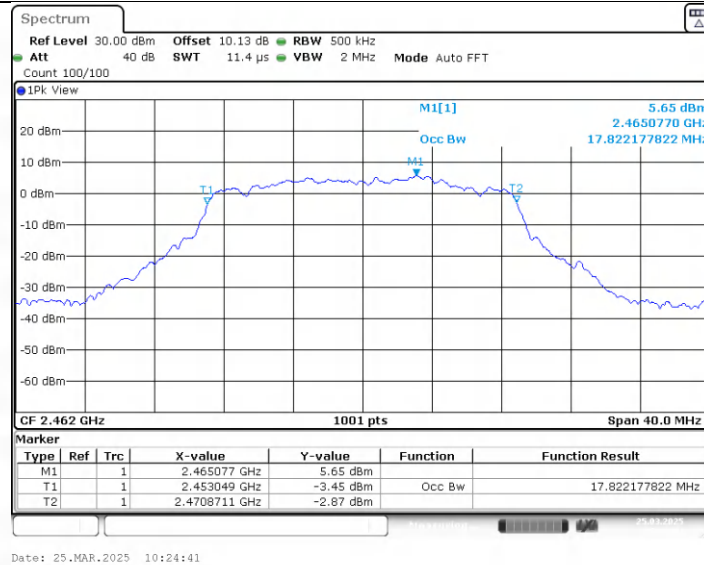
11N20MIMO Ant1 2437



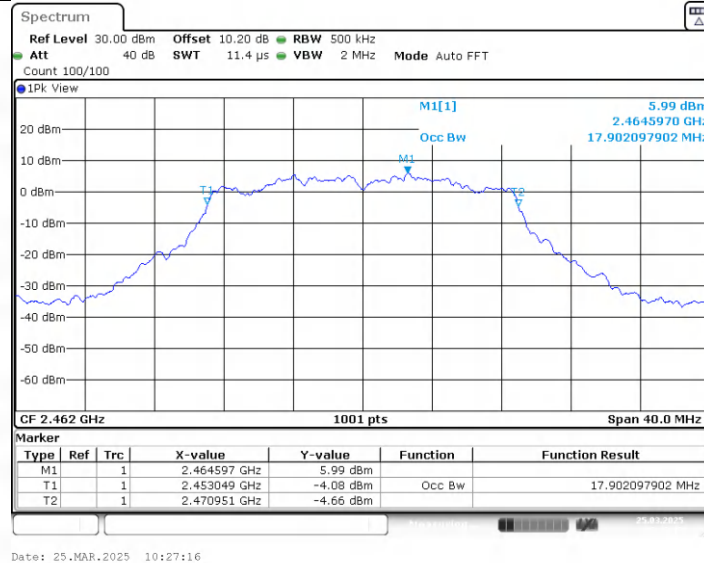
11N20MIMO Ant2 2437



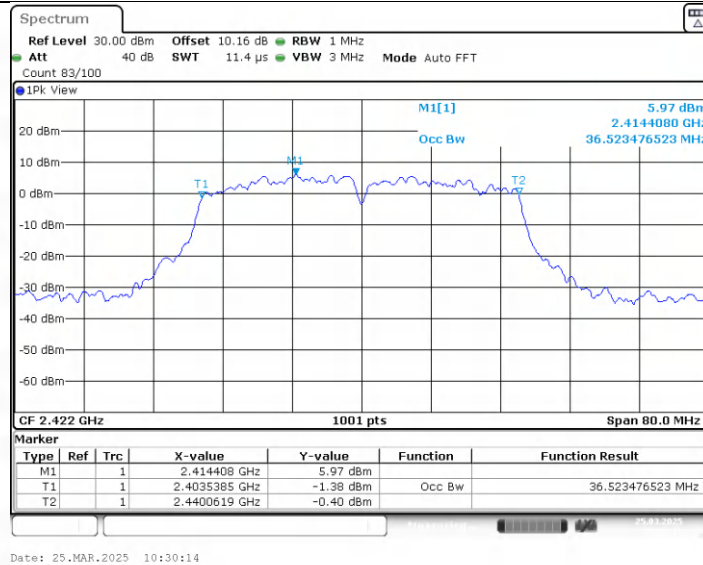
11N20MIMO Ant1 2462



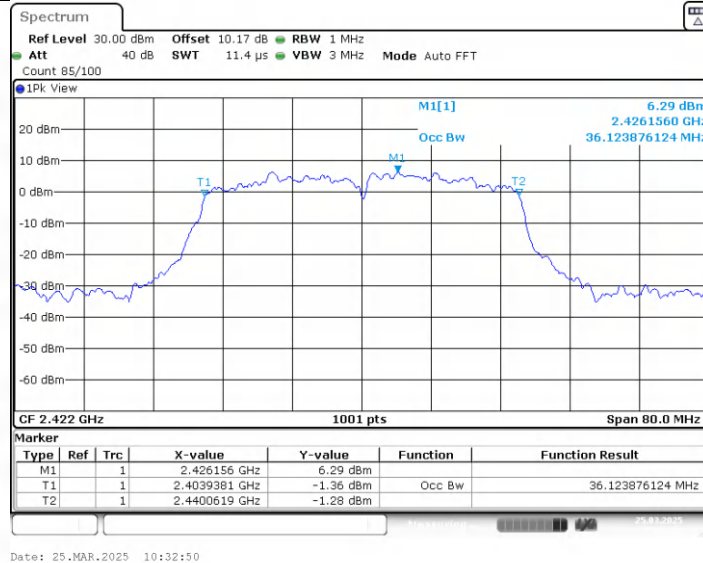
11N20MIMO Ant2 2462



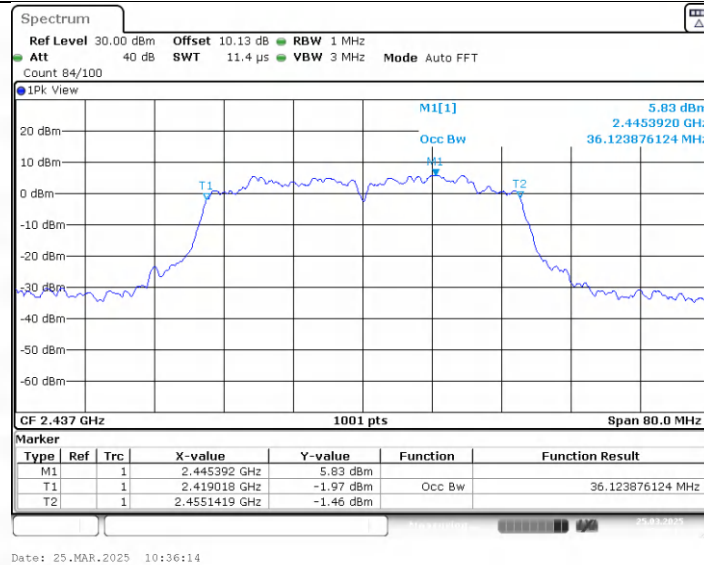
11N40MIMO Ant1 2422



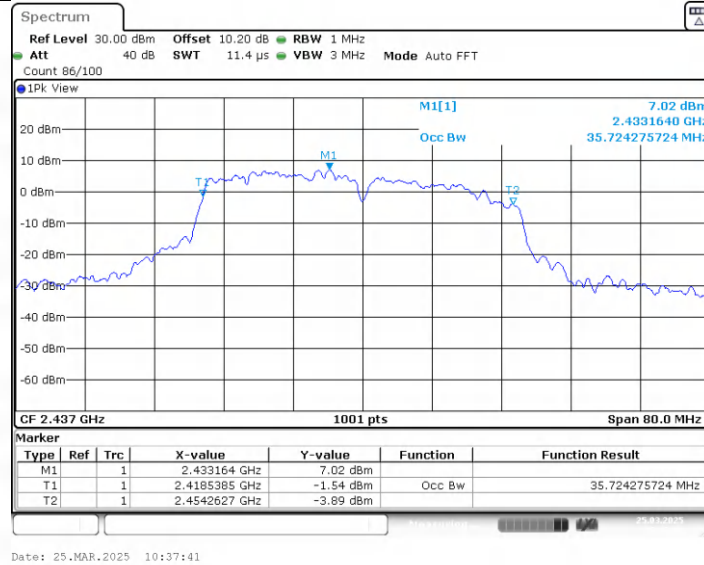
11N40MIMO Ant2 2422



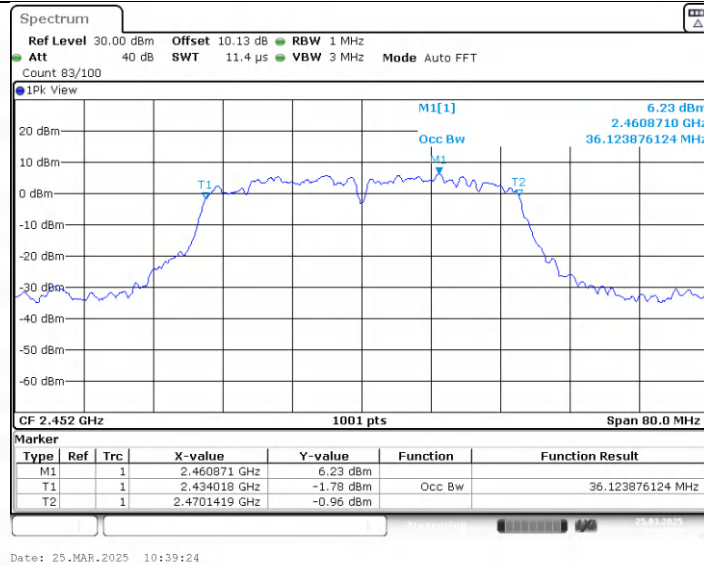
11N40MIMO Ant1 2437



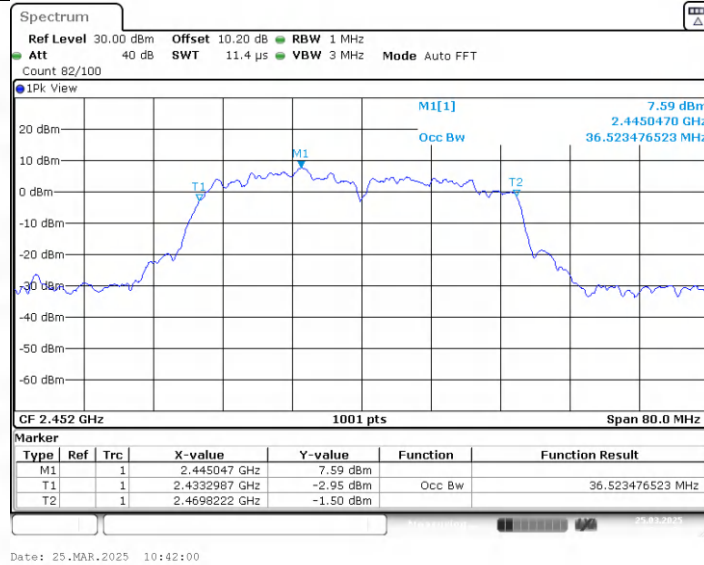
11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452

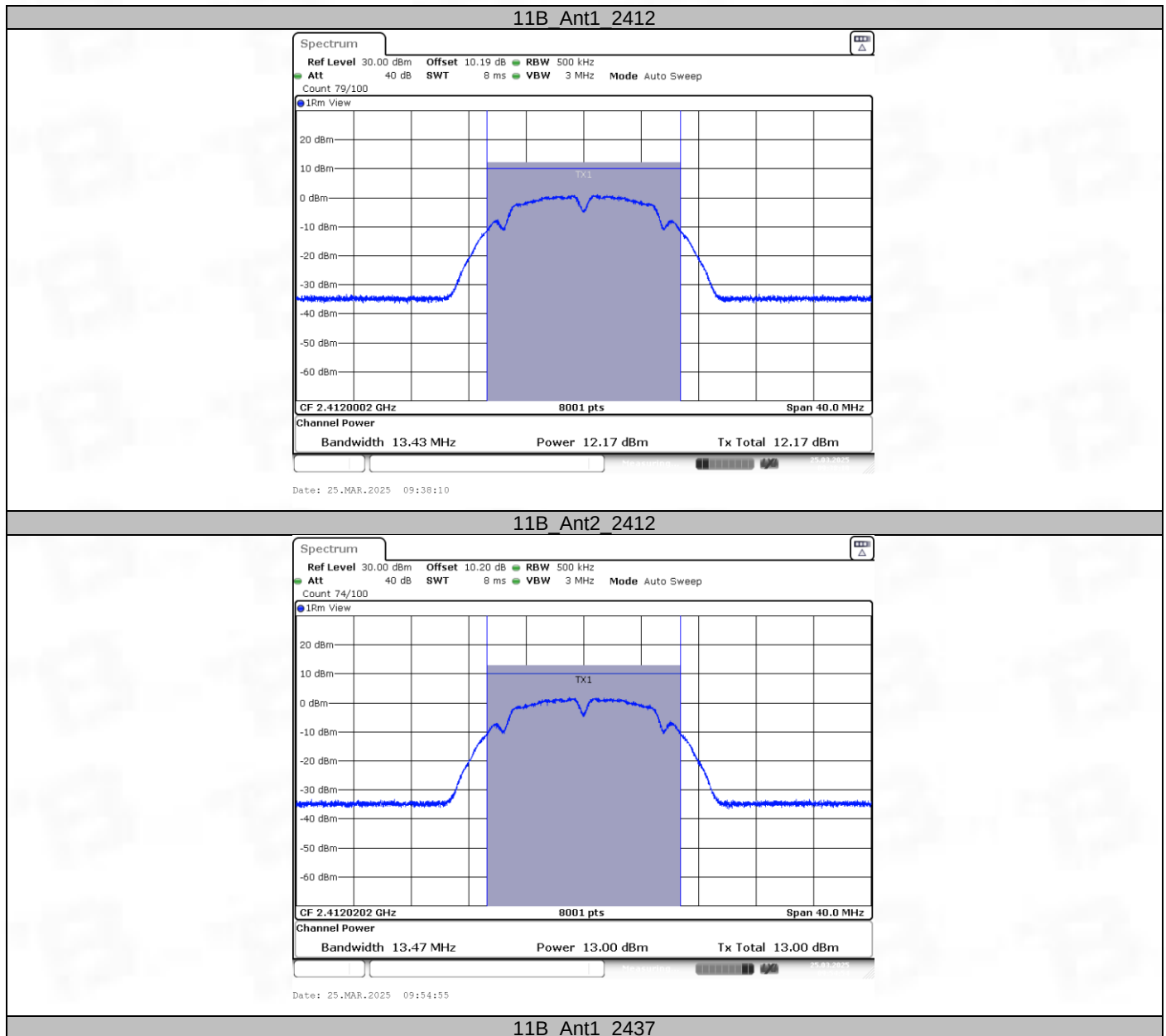


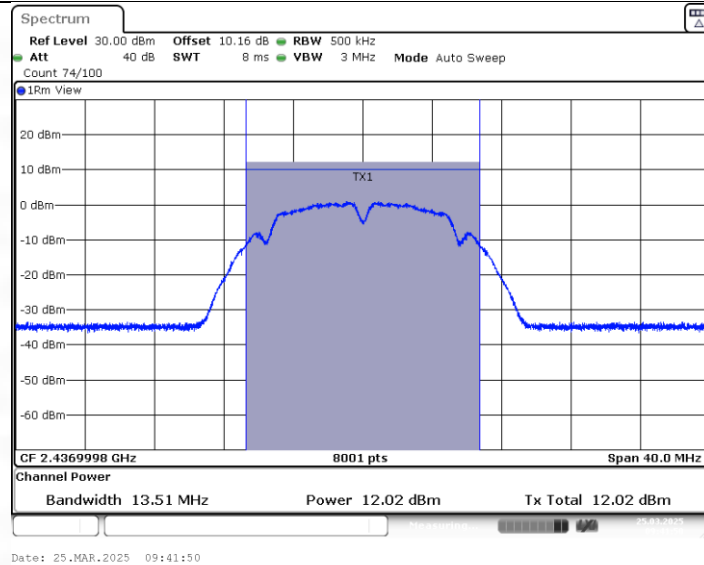
1.3 Appendix C: Maximum conducted output power

1.3.1 Test Result Average

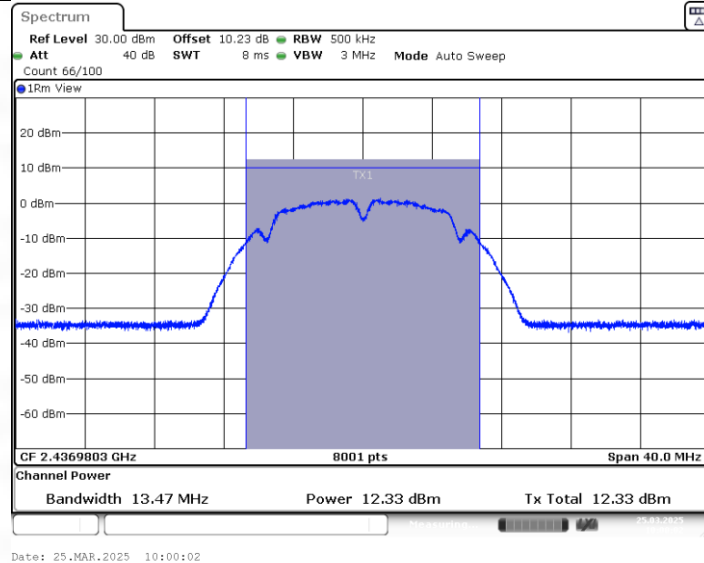
Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	12.14	99.40	0.03	12.17	≤30.00	PASS
	Ant2	2412	12.97	99.41	0.03	13.00	≤30.00	PASS
	Ant1	2437	11.99	99.40	0.03	12.02	≤30.00	PASS
	Ant2	2437	12.30	99.40	0.03	12.33	≤30.00	PASS
	Ant1	2462	11.80	99.52	0.02	11.82	≤30.00	PASS
	Ant2	2462	12.32	99.52	0.02	12.34	≤30.00	PASS
11G	Ant1	2412	10.91	97.90	0.09	11.00	≤30.00	PASS
	Ant2	2412	11.23	97.89	0.09	11.32	≤30.00	PASS
	Ant1	2437	11.75	97.20	0.12	11.87	≤30.00	PASS
	Ant2	2437	11.81	97.90	0.09	11.90	≤30.00	PASS
	Ant1	2462	11.97	97.89	0.09	12.06	≤30.00	PASS
	Ant2	2462	11.96	97.90	0.09	12.05	≤30.00	PASS
11N20MIMO	Ant1	2412	10.72	97.01	0.13	10.85	≤30.00	PASS
	Ant2	2412	10.75	97.01	0.13	10.88	≤30.00	PASS
	total	2412	---	---	---	13.88	≤30.00	PASS
	Ant1	2437	11.78	97.76	0.10	11.88	≤30.00	PASS
	Ant2	2437	11.29	97.01	0.13	11.42	≤30.00	PASS
	total	2437	---	---	---	14.67	≤30.00	PASS
	Ant1	2462	11.64	97.01	0.13	11.77	≤30.00	PASS
	Ant2	2462	12.01	97.01	0.13	12.14	≤30.00	PASS
	total	2462	---	---	---	14.97	≤30.00	PASS
	Ant1	2422	12.42	95.59	0.20	12.62	≤30.00	PASS
11N40MIMO	Ant2	2422	12.69	95.59	0.20	12.89	≤30.00	PASS
	total	2422	---	---	---	15.77	≤30.00	PASS
	Ant1	2437	12.16	94.20	0.26	12.42	≤30.00	PASS
	Ant2	2437	12.42	94.20	0.26	12.68	≤30.00	PASS
	total	2437	---	---	---	15.56	≤30.00	PASS
	Ant1	2452	12.40	94.20	0.26	12.66	≤30.00	PASS
	Ant2	2452	12.58	95.59	0.20	12.78	≤30.00	PASS
	total	2452	---	---	---	15.73	≤30.00	PASS

1.3.2 Test Graphs Average

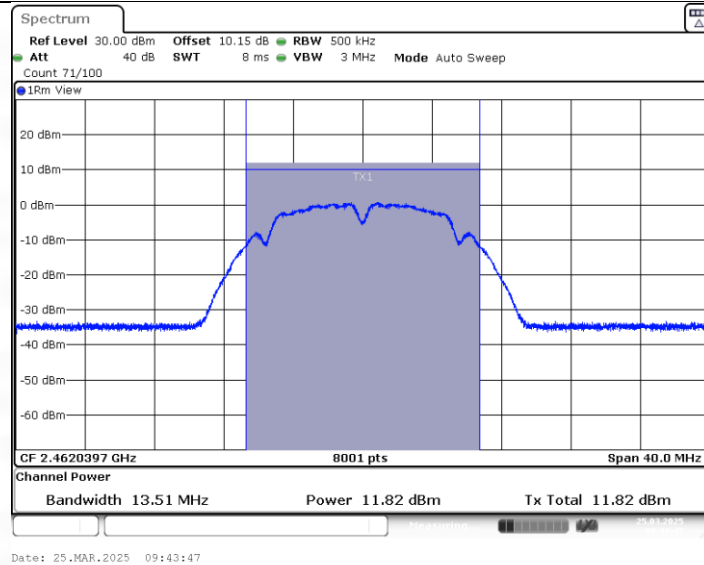




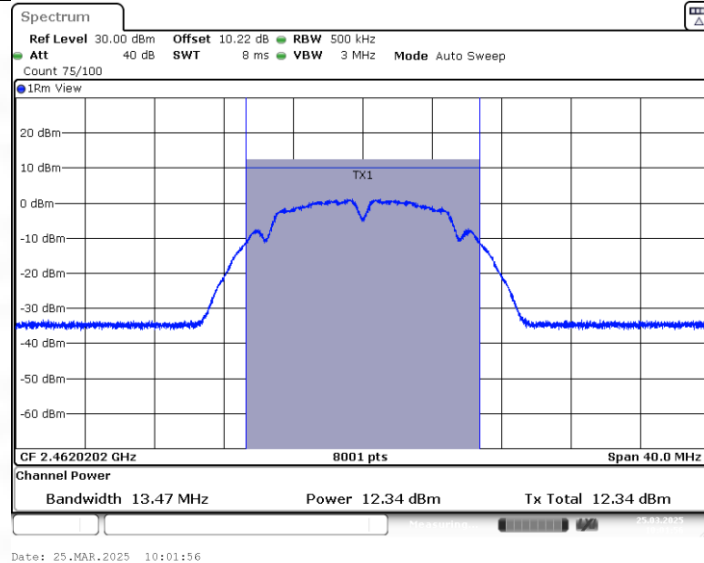
11B_Ant2_2437



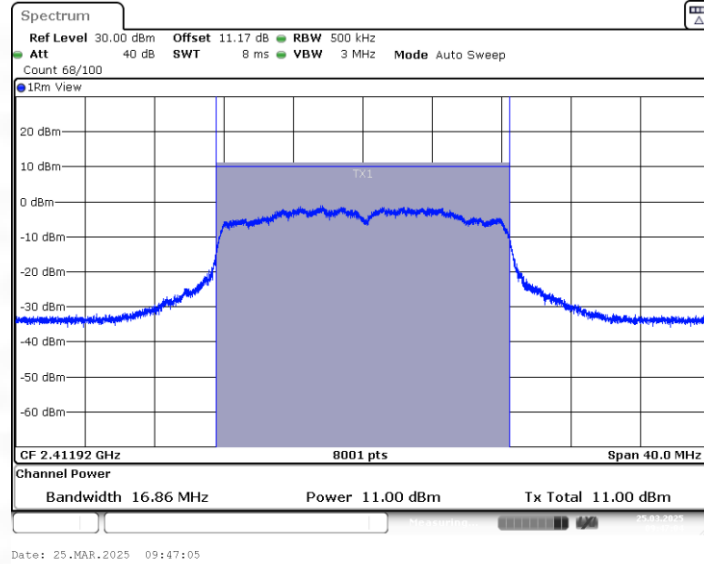
11B_Ant1_2462



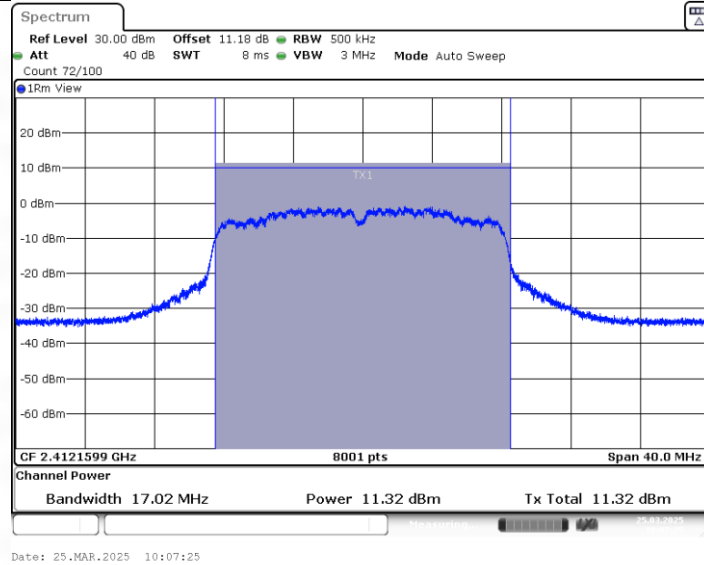
11B_Ant2_2462



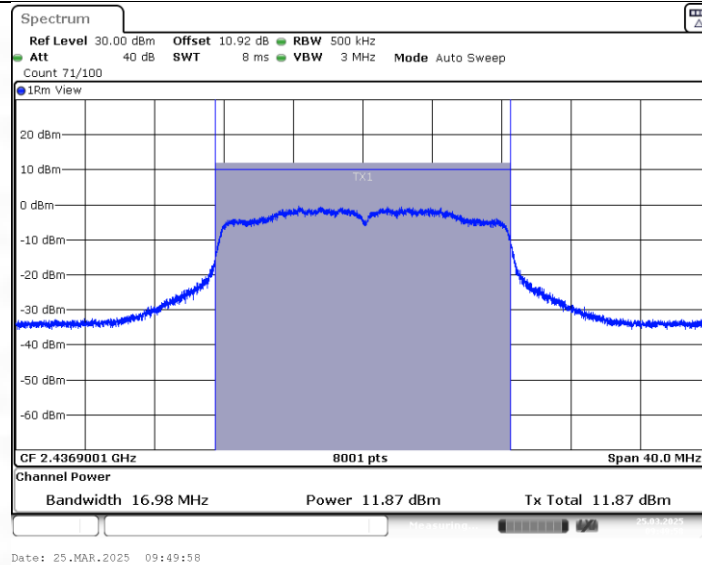
11G_Ant1_2412



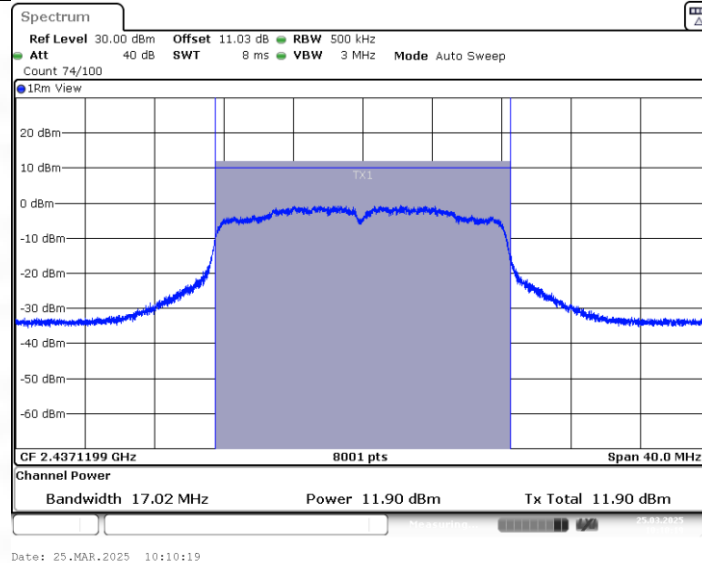
11G_Ant2_2412



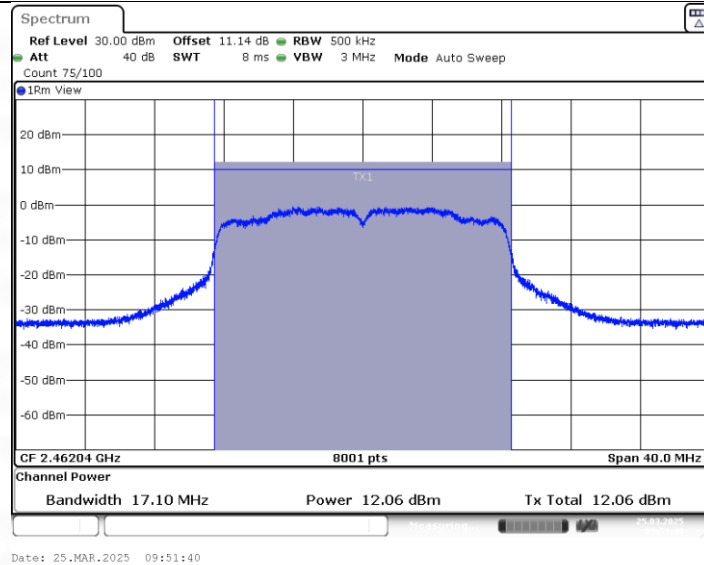
11G_Ant1_2437



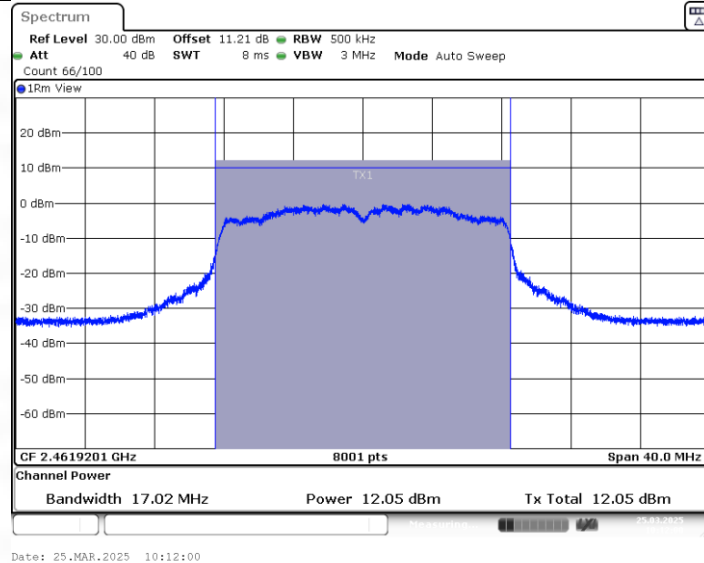
11G_Ant2_2437



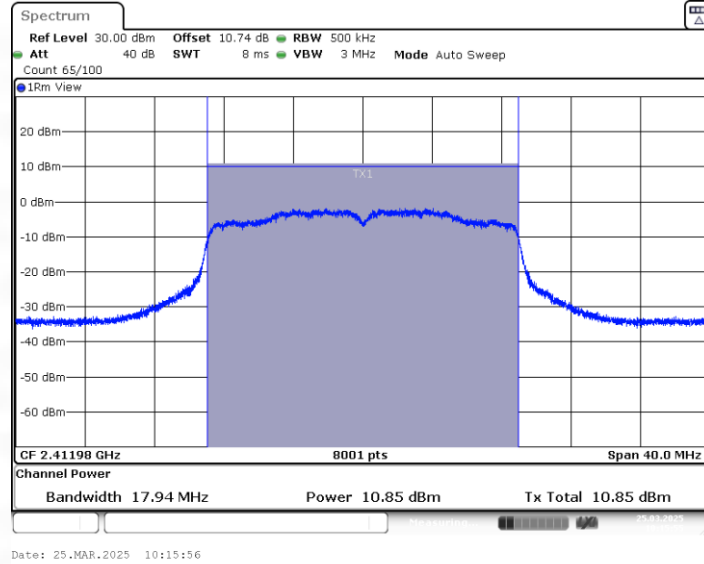
11G_Ant1_2462



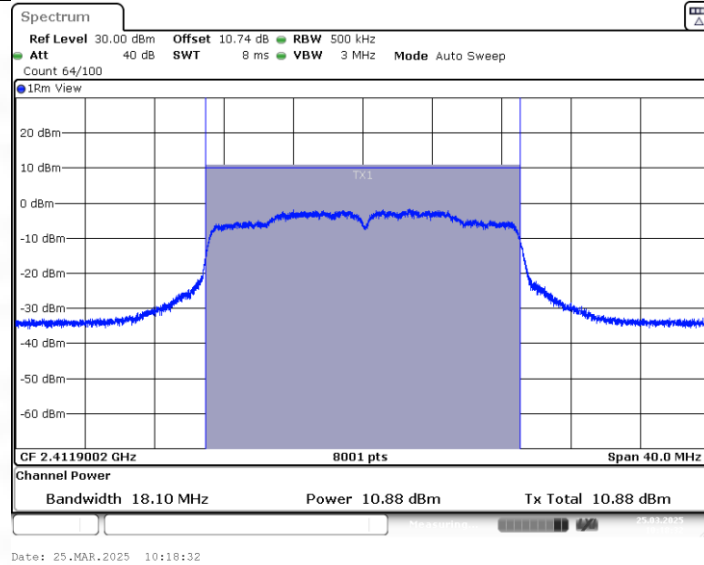
11G Ant2 2462



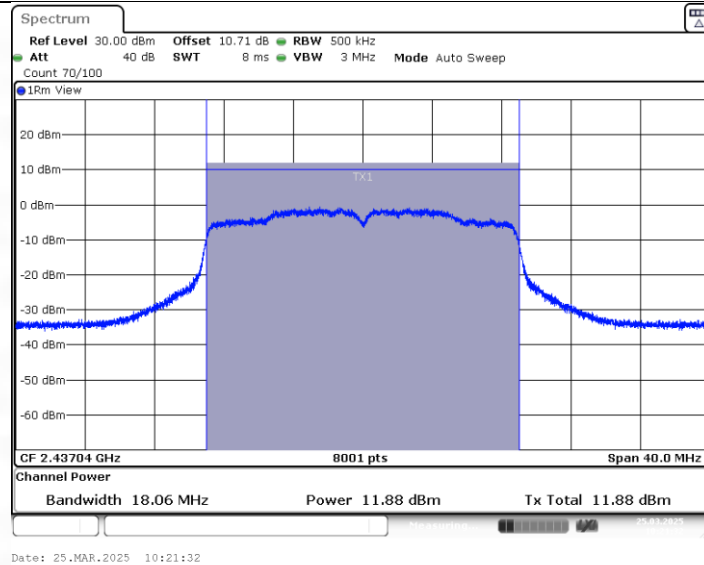
11N20MIMO Ant1 2412



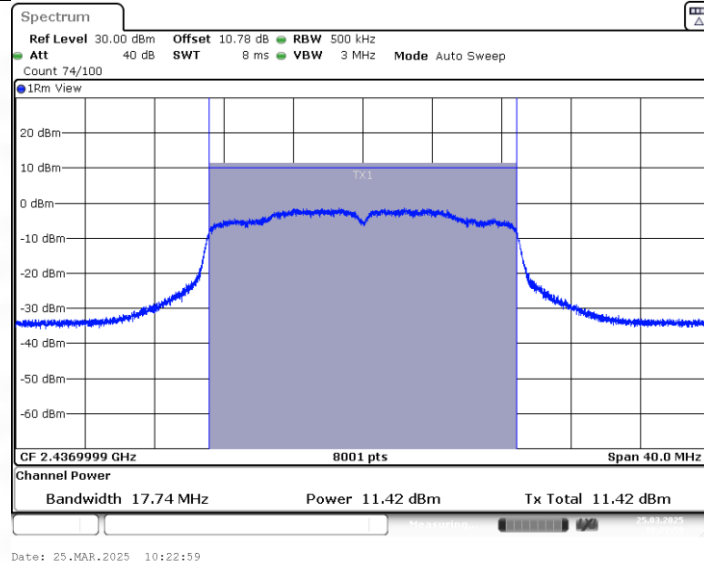
11N20MIMO Ant2 2412



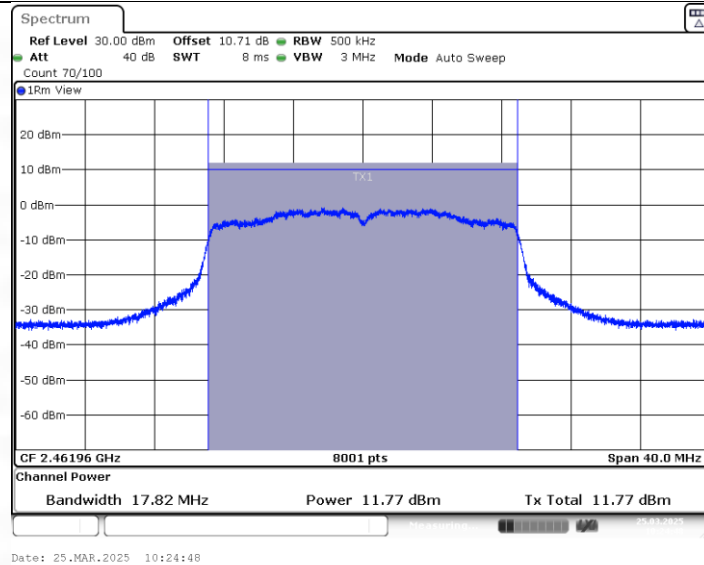
11N20MIMO Ant1 2437



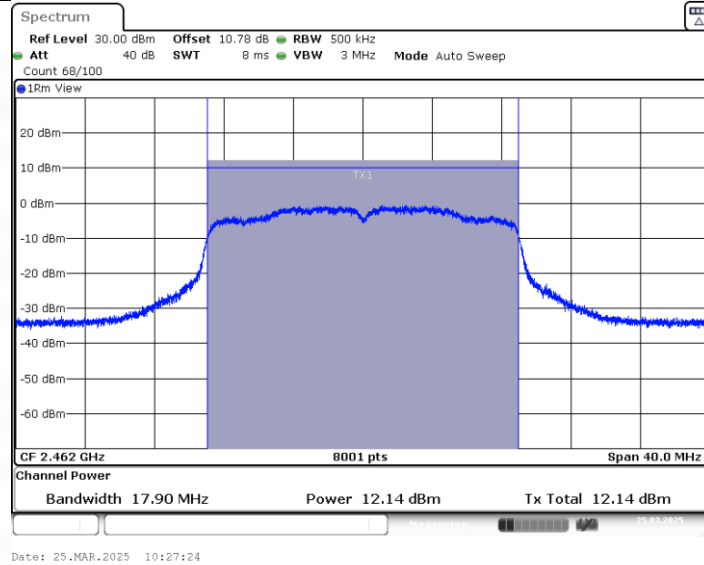
11N20MIMO_Ant2_2437



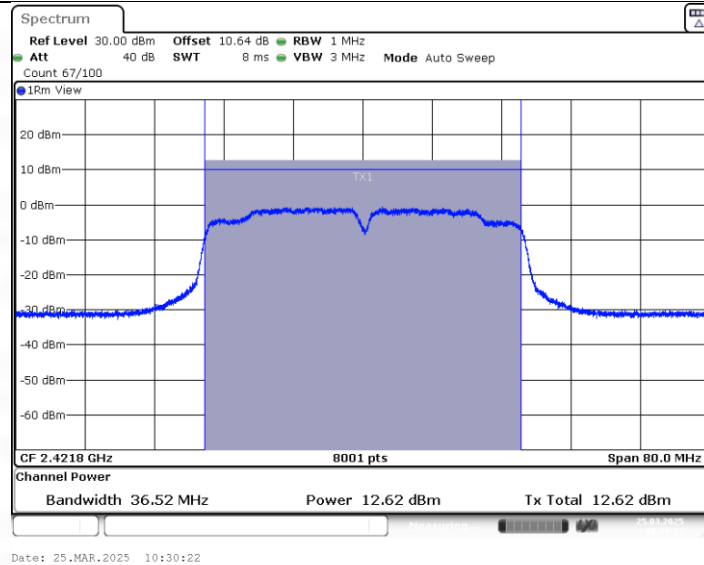
11N20MIMO_Ant1_2462



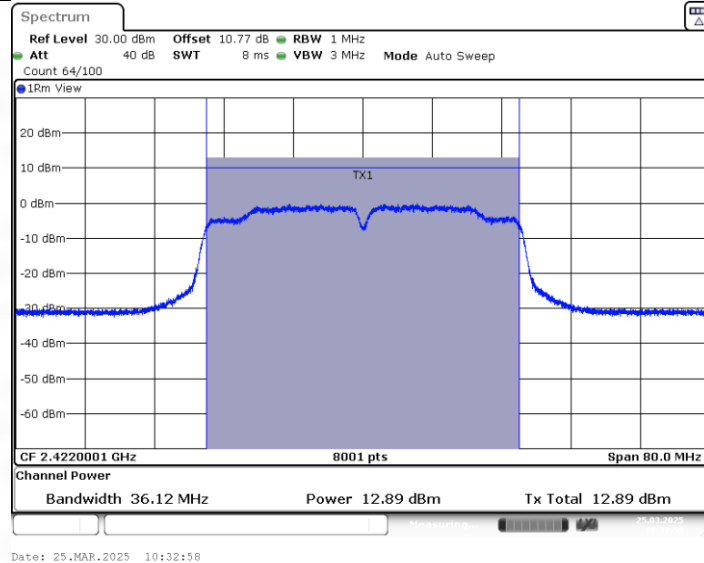
11N20MIMO Ant2 2462



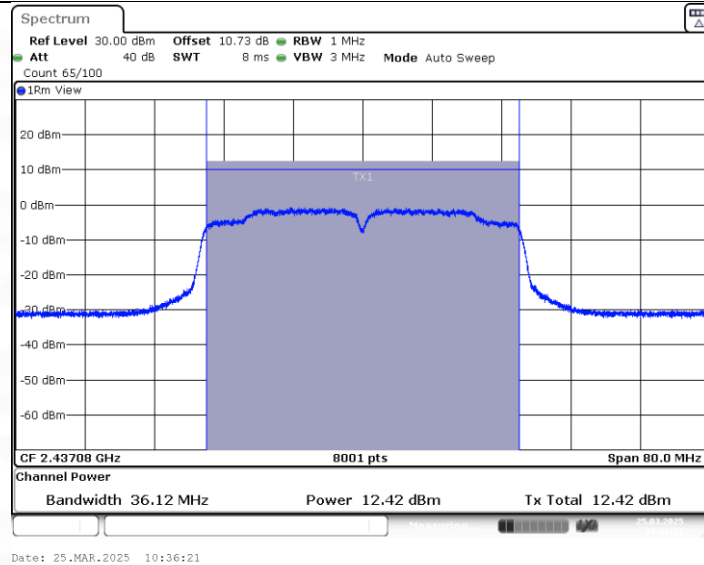
11N40MIMO Ant1 2422



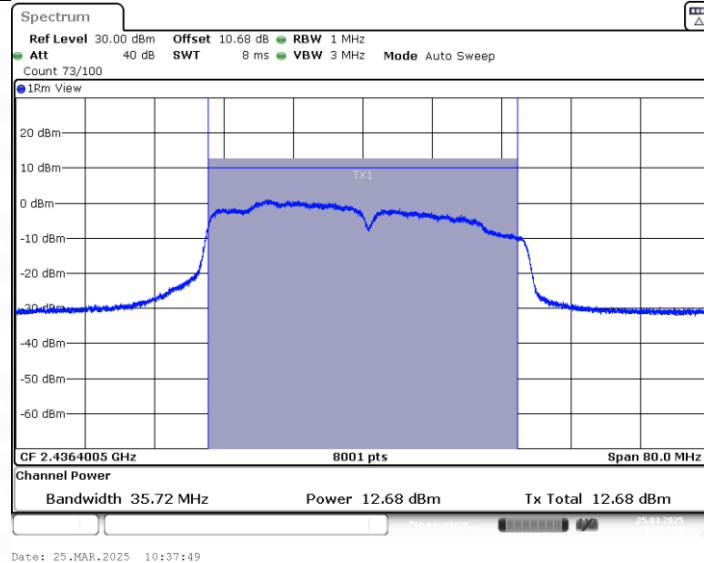
11N40MIMO_Ant2_2422



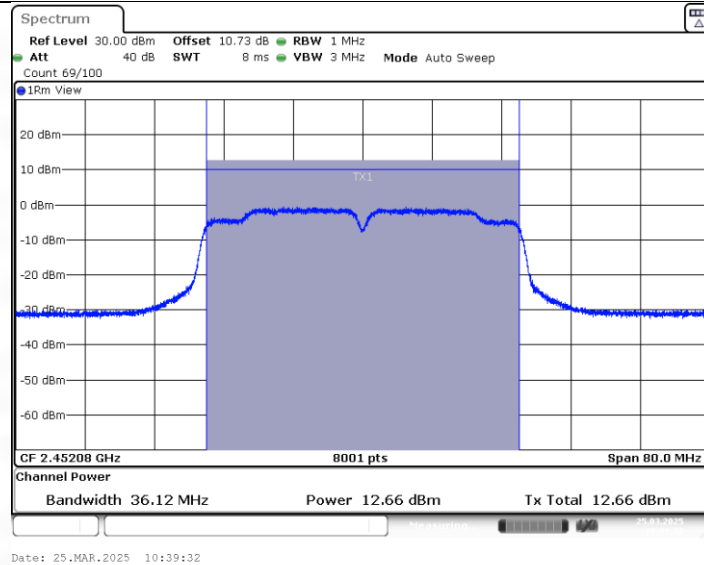
11N40MIMO_Ant1_2437



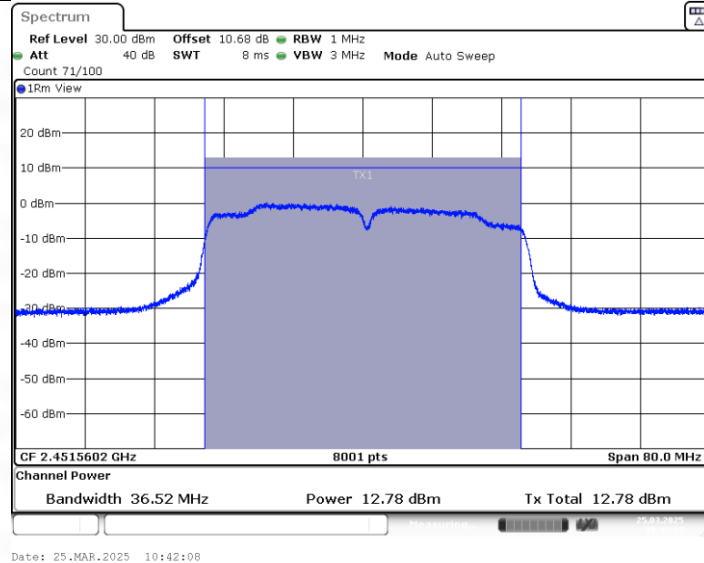
11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452

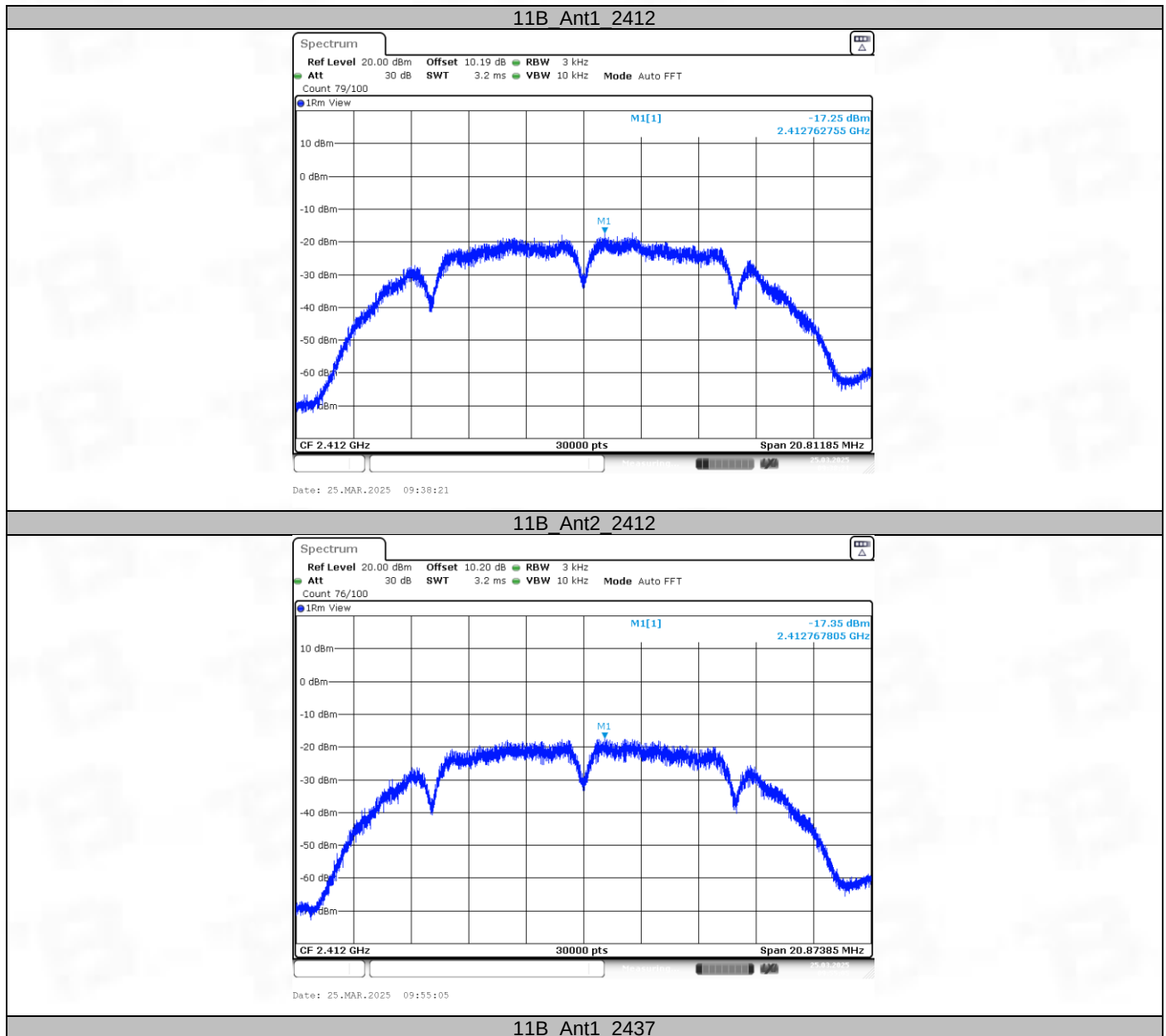


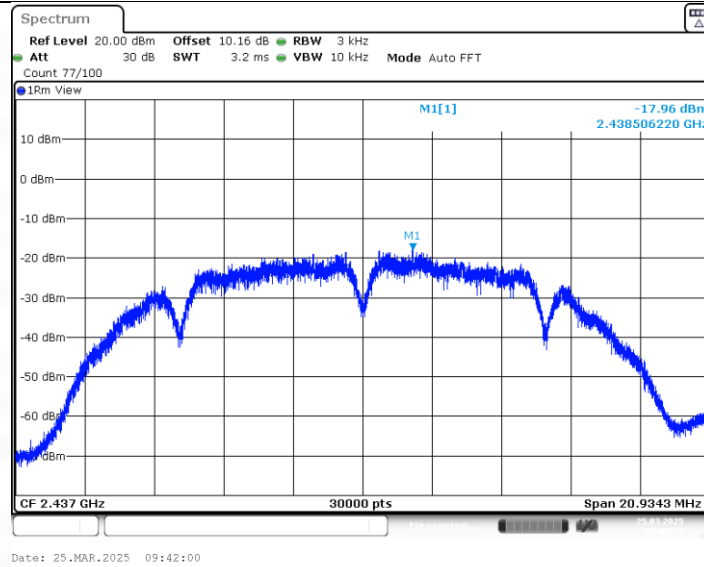
1.4 Appendix D: Maximum power spectral density

1.4.1 Test Result

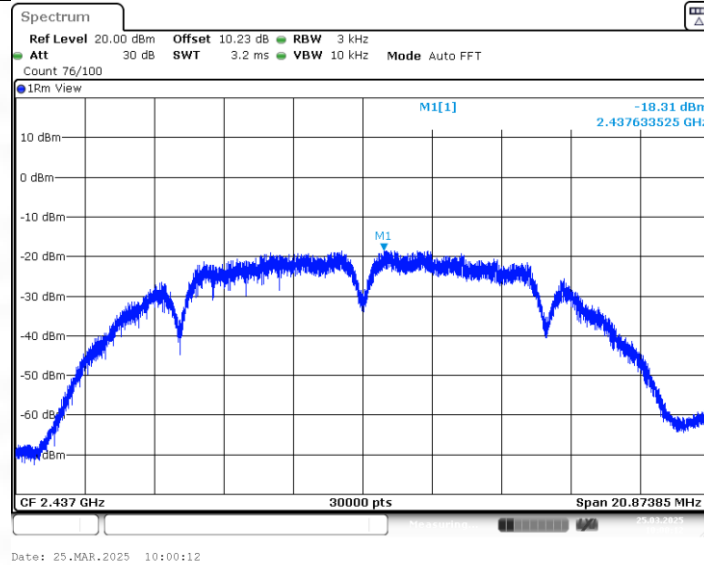
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.25	≤8.00	PASS
	Ant2	2412	-17.35	≤8.00	PASS
	Ant1	2437	-17.96	≤8.00	PASS
	Ant2	2437	-18.31	≤8.00	PASS
	Ant1	2462	-18.79	≤8.00	PASS
	Ant2	2462	-17.12	≤8.00	PASS
11G	Ant1	2412	-18.78	≤8.00	PASS
	Ant2	2412	-17.89	≤8.00	PASS
	Ant1	2437	-18.29	≤8.00	PASS
	Ant2	2437	-17.43	≤8.00	PASS
	Ant1	2462	-18.42	≤8.00	PASS
	Ant2	2462	-17.27	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.99	≤8.00	PASS
	Ant2	2412	-19.52	≤8.00	PASS
	total	2412	-16.24	≤8.00	PASS
	Ant1	2437	-18.45	≤8.00	PASS
	Ant2	2437	-18.89	≤8.00	PASS
	total	2437	-15.65	≤8.00	PASS
	Ant1	2462	-17.72	≤8.00	PASS
	Ant2	2462	-18.54	≤8.00	PASS
	total	2462	-15.10	≤8.00	PASS
11N40MIMO	Ant1	2422	-19.88	≤8.00	PASS
	Ant2	2422	-20.04	≤8.00	PASS
	total	2422	-16.95	≤8.00	PASS
	Ant1	2437	-19.62	≤8.00	PASS
	Ant2	2437	-20.08	≤8.00	PASS
	total	2437	-16.83	≤8.00	PASS
	Ant1	2452	-20.85	≤8.00	PASS
	Ant2	2452	-20.27	≤8.00	PASS
	total	2452	-17.54	≤8.00	PASS

1.4.2 Test Graphs

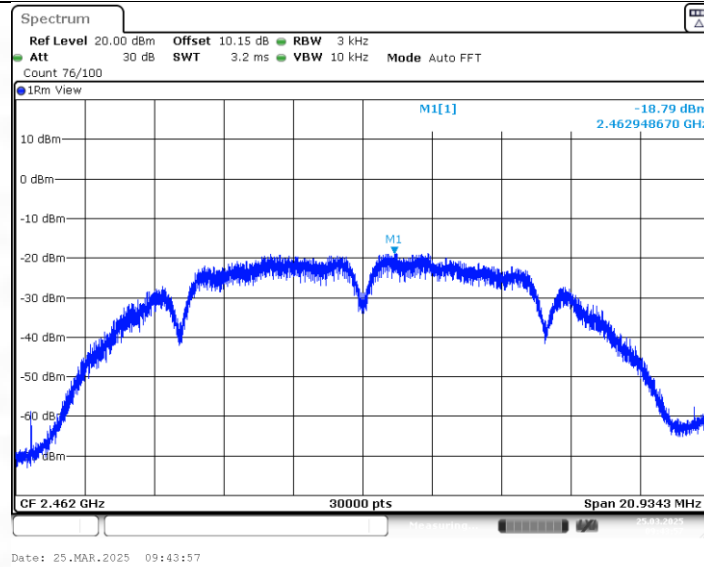




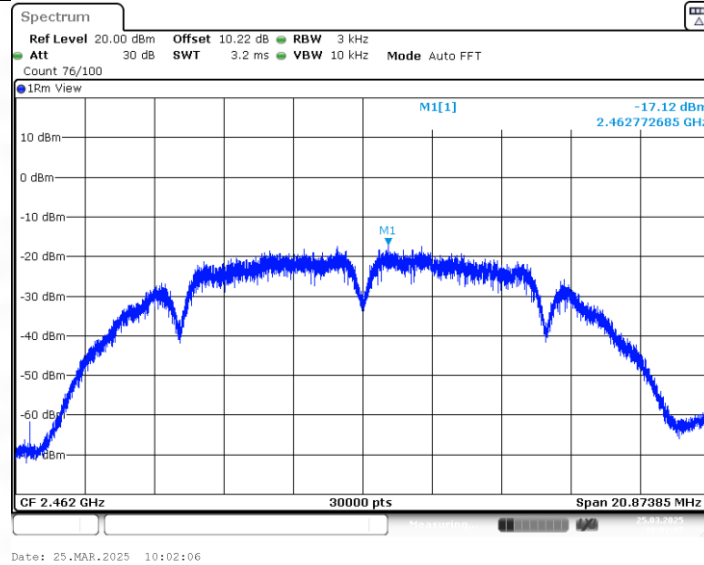
11B_Ant2_2437



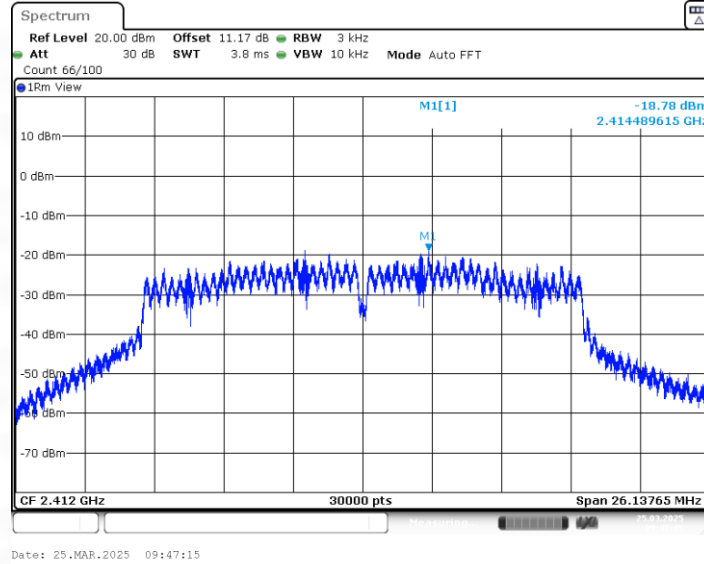
11B_Ant1_2462



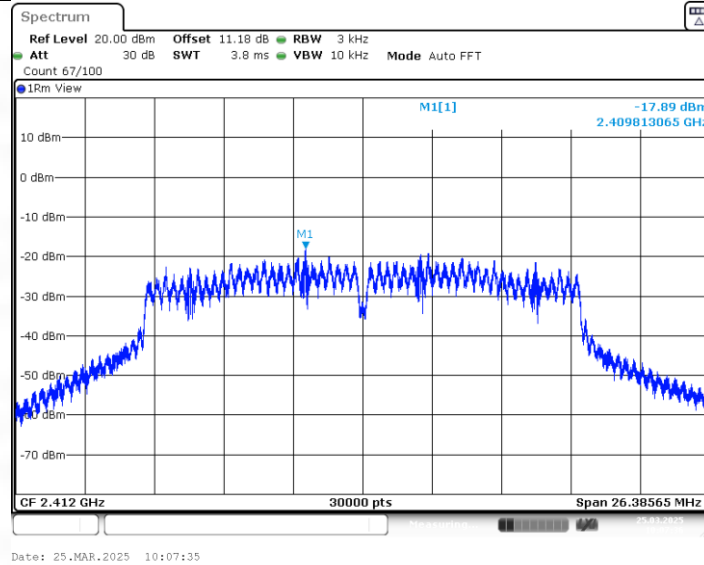
11B_Ant2_2462



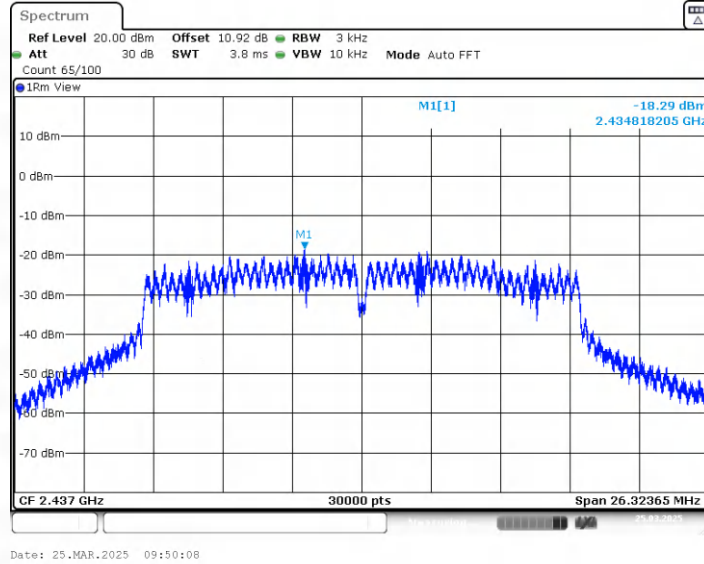
11G_Ant1_2412



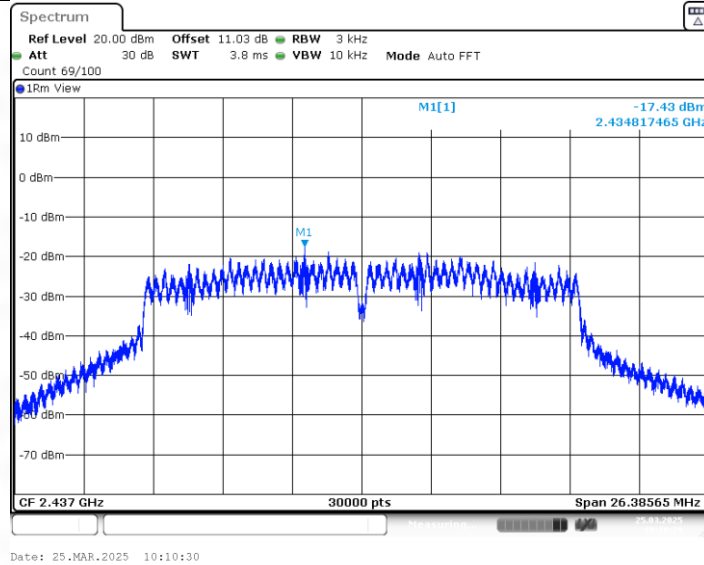
11G_Ant2_2412



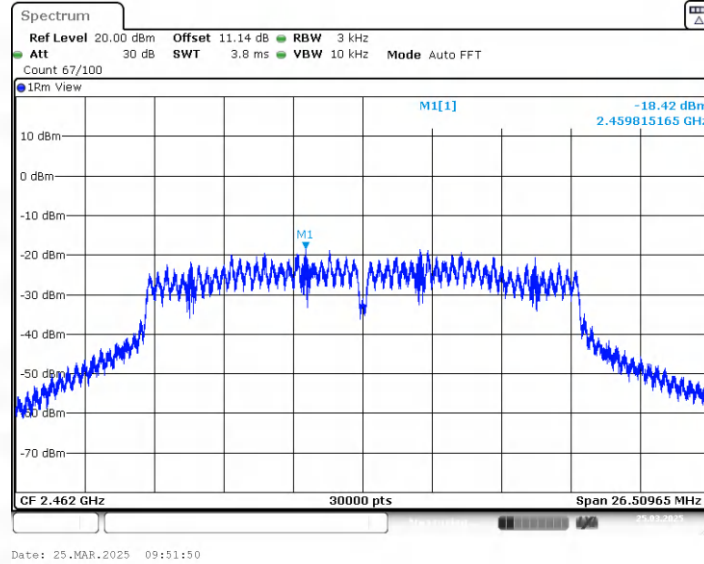
11G_Ant1_2437



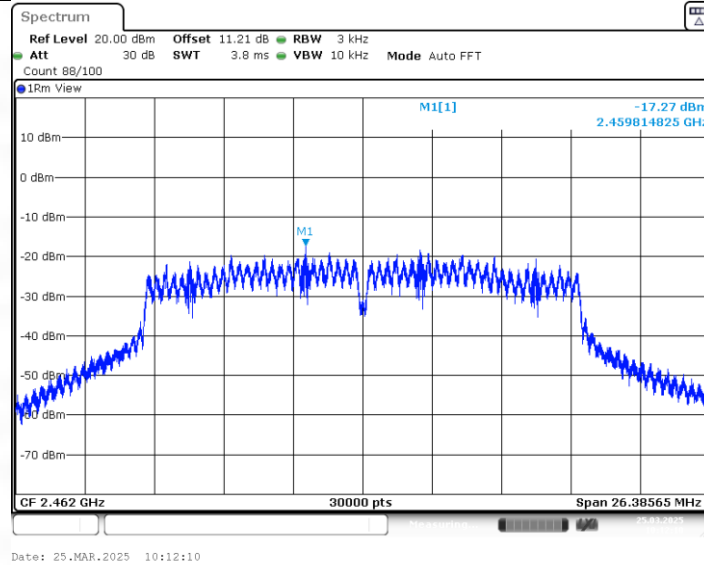
11G_Ant2_2437



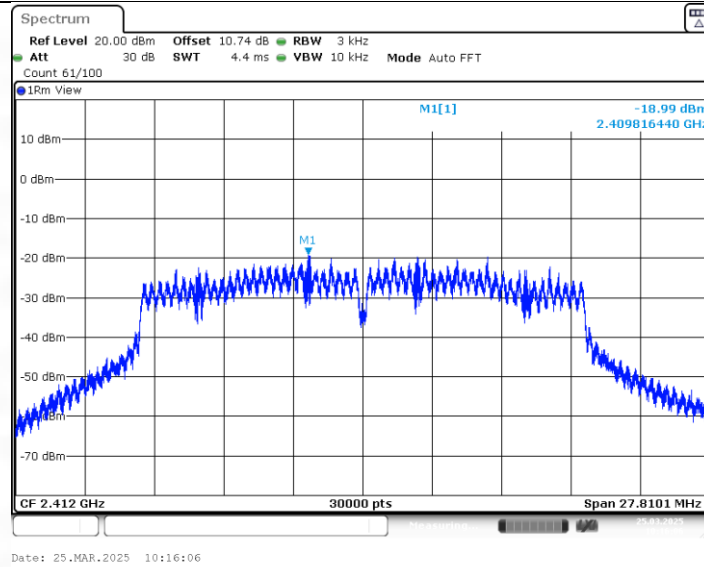
11G_Ant1_2462



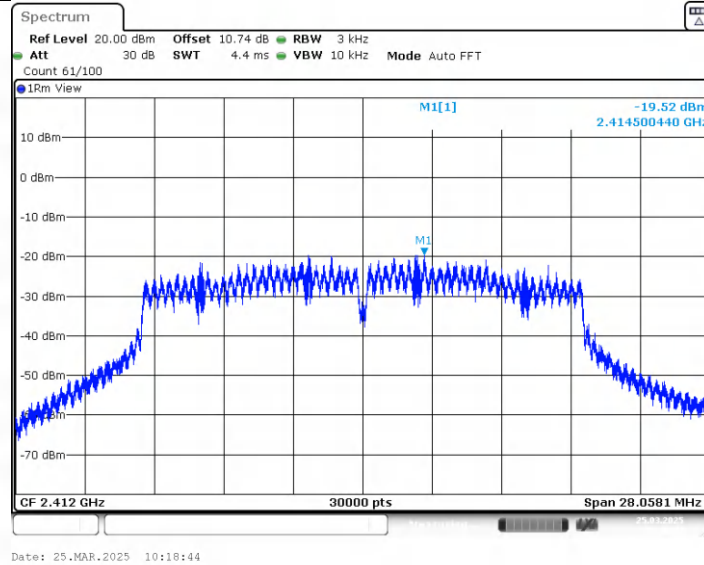
11G Ant2 2462



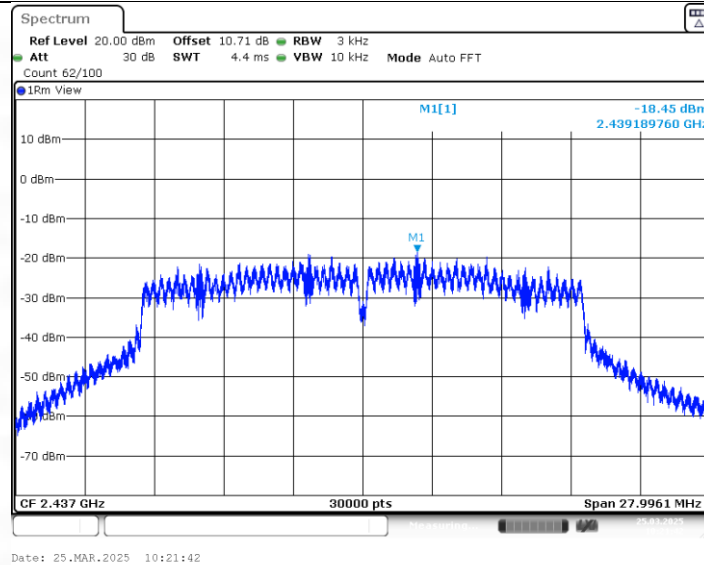
11N20MIMO Ant1 2412



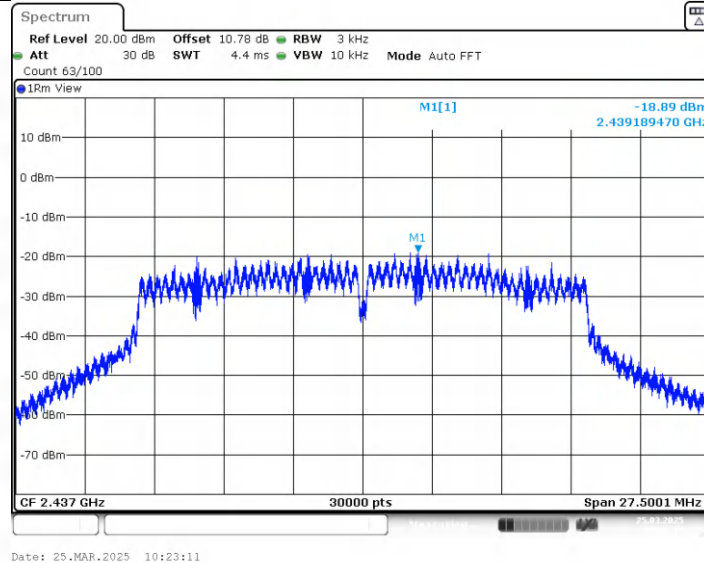
11N20MIMO Ant2 2412



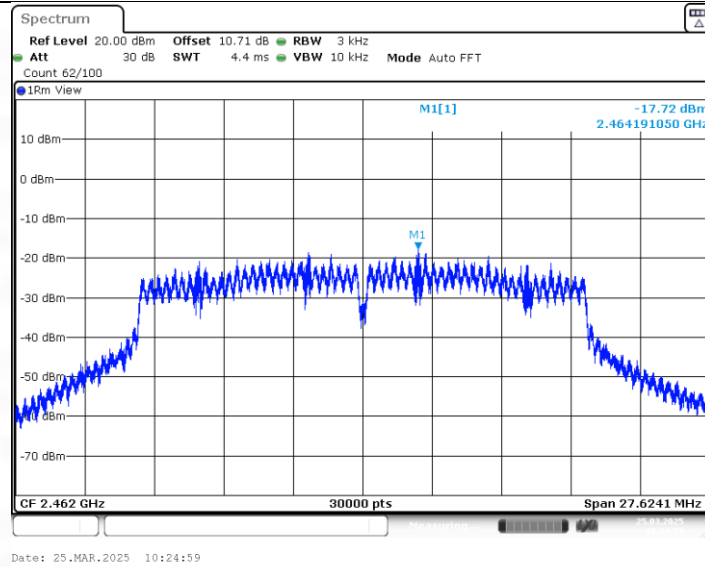
11N20MIMO Ant1 2437



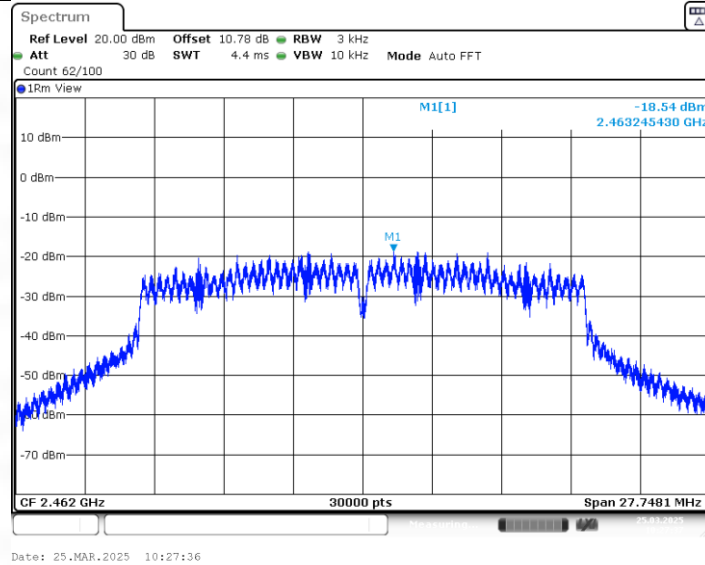
11N20MIMO Ant2 2437



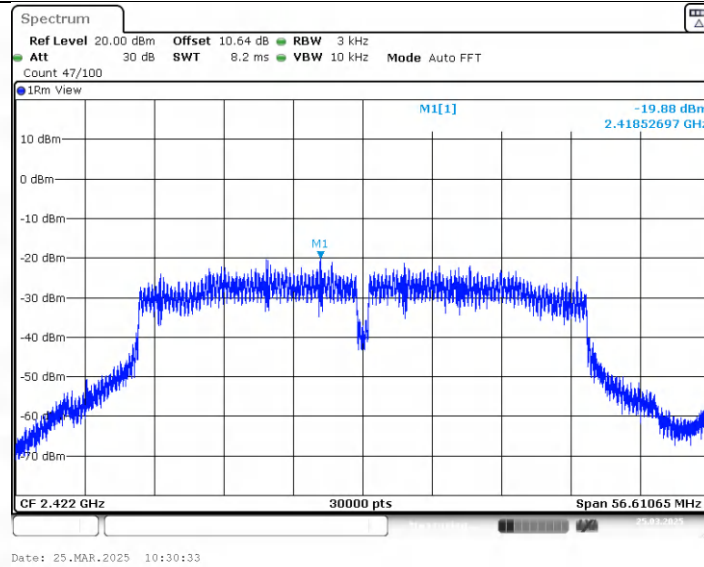
11N20MIMO Ant1 2462



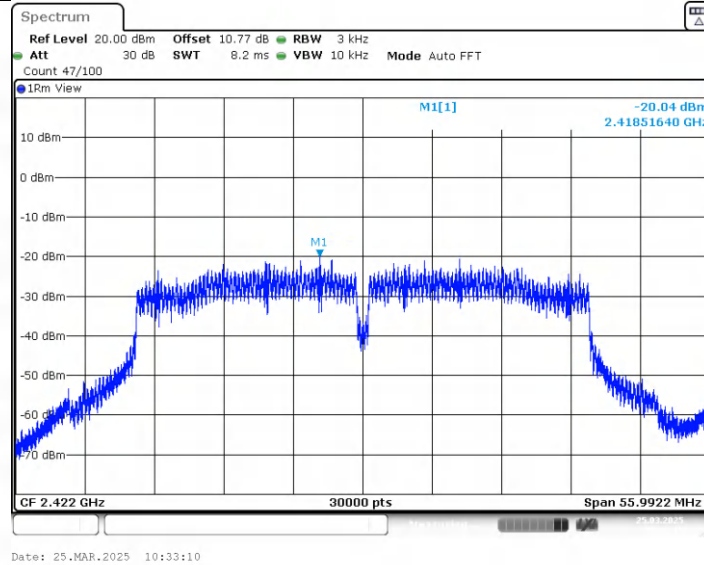
11N20MIMO Ant2 2462



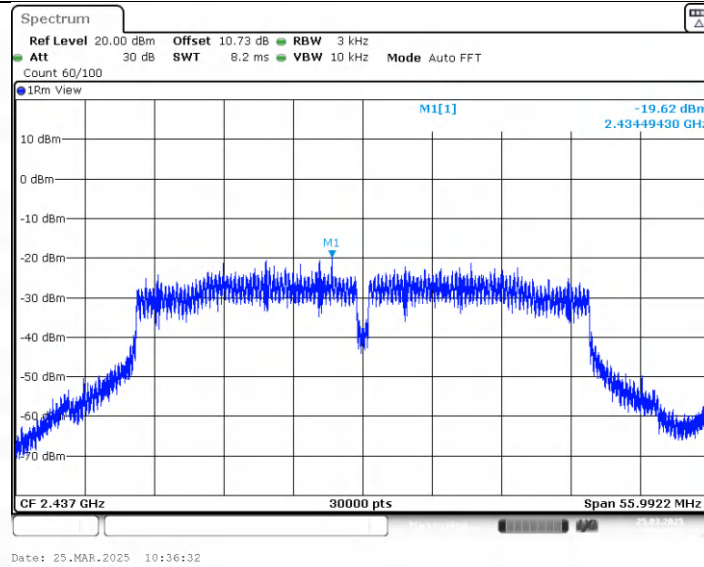
11N40MIMO Ant1 2422



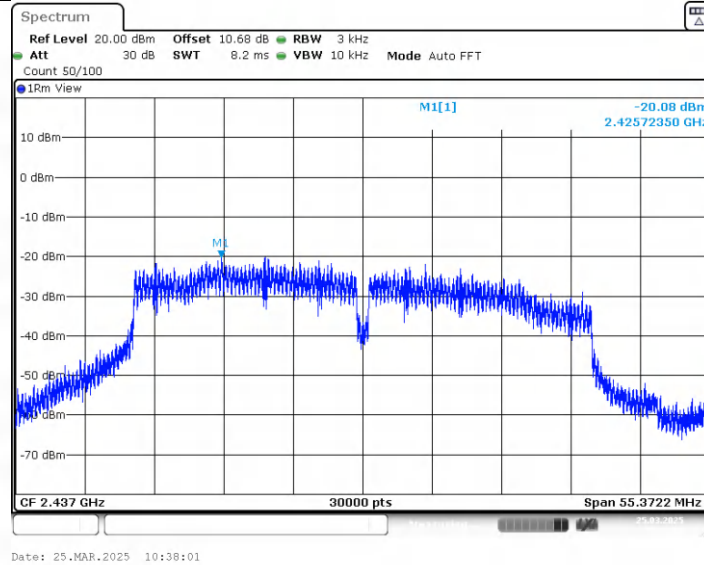
11N40MIMO Ant2 2422



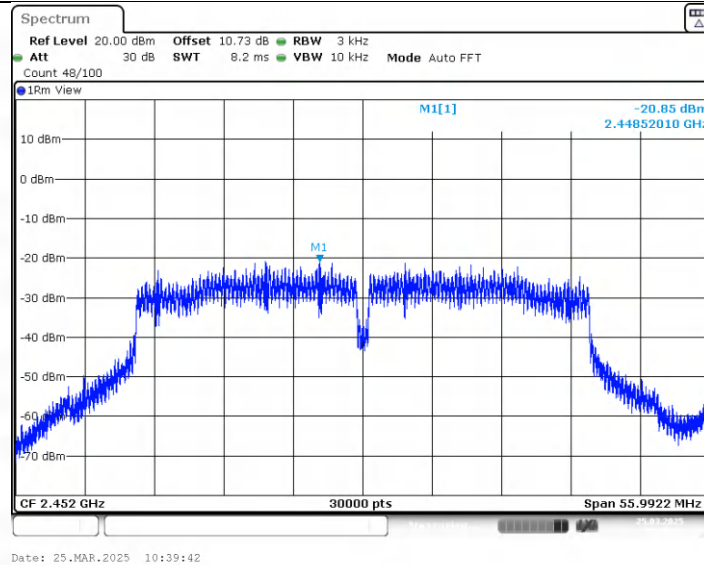
11N40MIMO Ant1 2437



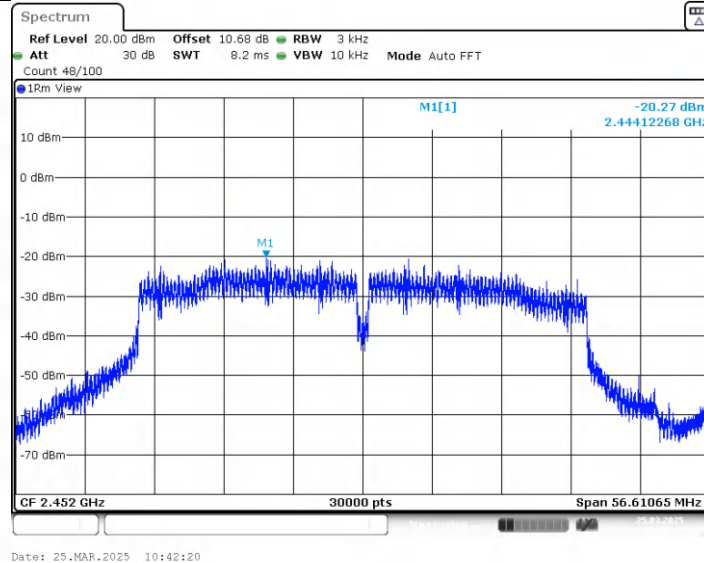
11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452

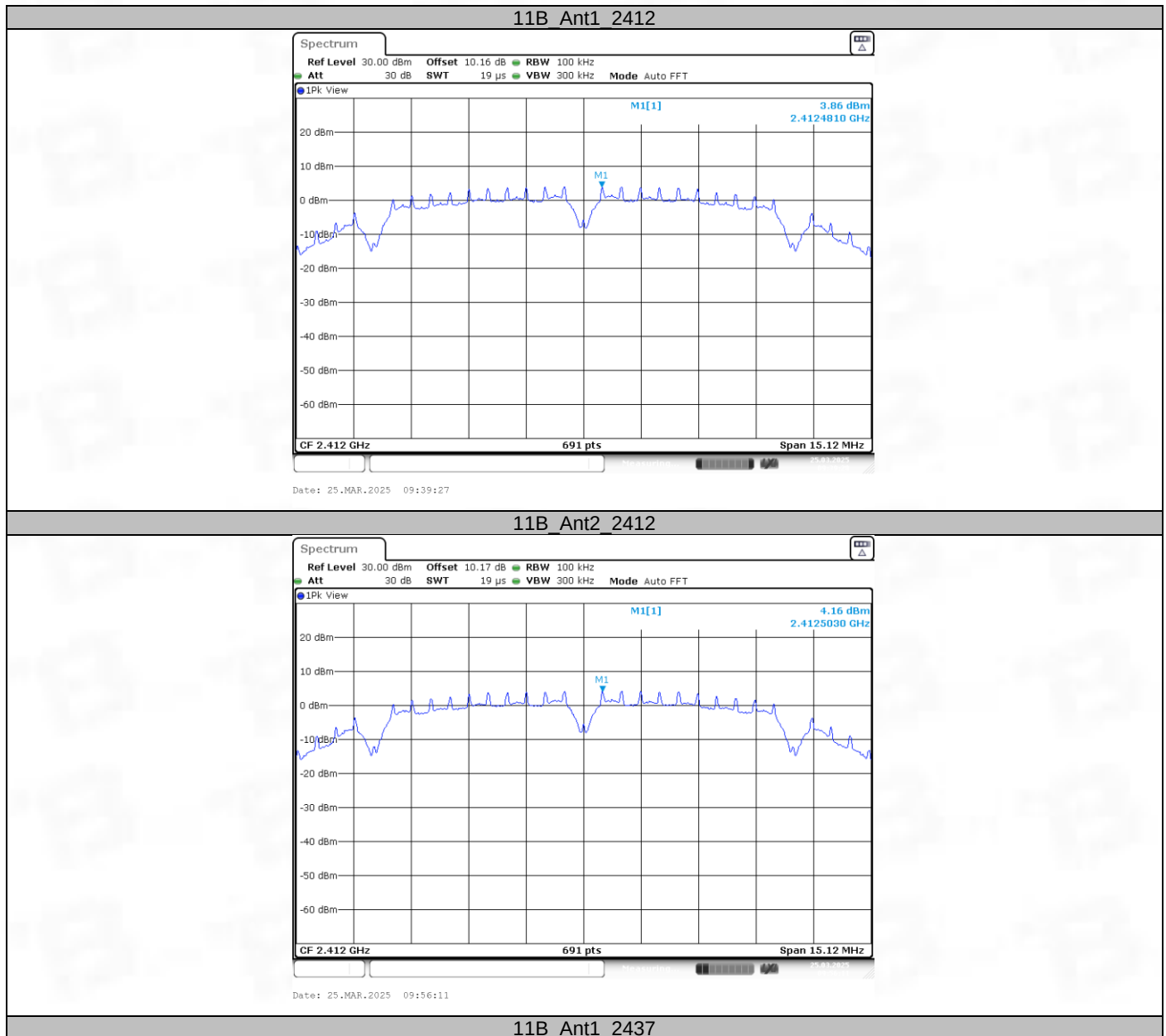


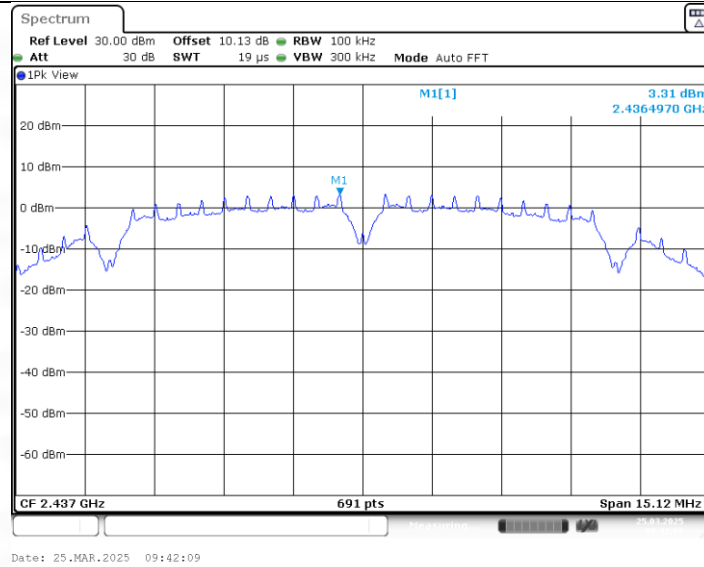
1.5 Appendix E: Reference level measurement

1.5.1 Test Result

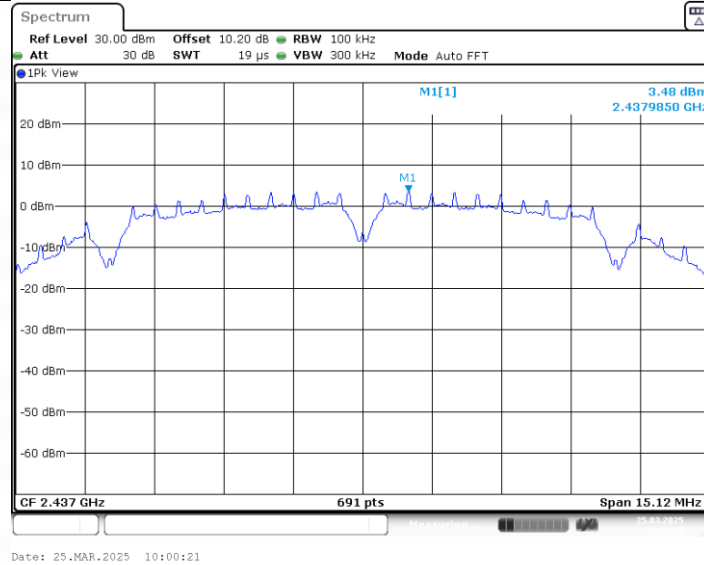
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.48	3.86
	Ant2	2412	2412.50	4.16
	Ant1	2437	2436.50	3.31
	Ant2	2437	2437.99	3.48
	Ant1	2462	2463.01	3.18
	Ant2	2462	2463.01	3.71
11G	Ant1	2412	2414.49	1.98
	Ant2	2412	2414.49	2.23
	Ant1	2437	2439.49	2.65
	Ant2	2437	2439.49	2.70
	Ant1	2462	2464.48	2.72
	Ant2	2462	2464.49	2.89
11N20MIMO	Ant1	2412	2414.49	1.82
	Ant2	2412	2414.49	2.14
	Ant1	2437	2439.49	2.60
	Ant2	2437	2439.49	2.70
	Ant1	2462	2464.49	2.71
	Ant2	2462	2464.49	3.05
11N40MIMO	Ant1	2422	2416.98	0.32
	Ant2	2422	2425.73	0.13
	Ant1	2437	2431.99	-0.15
	Ant2	2437	2425.72	1.40
	Ant1	2452	2446.98	-0.06
	Ant2	2452	2446.97	0.49

1.5.2 Test Graphs

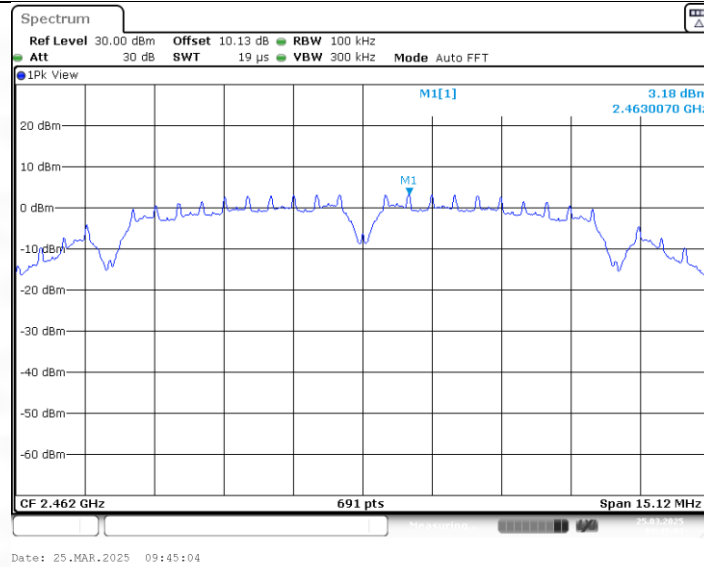




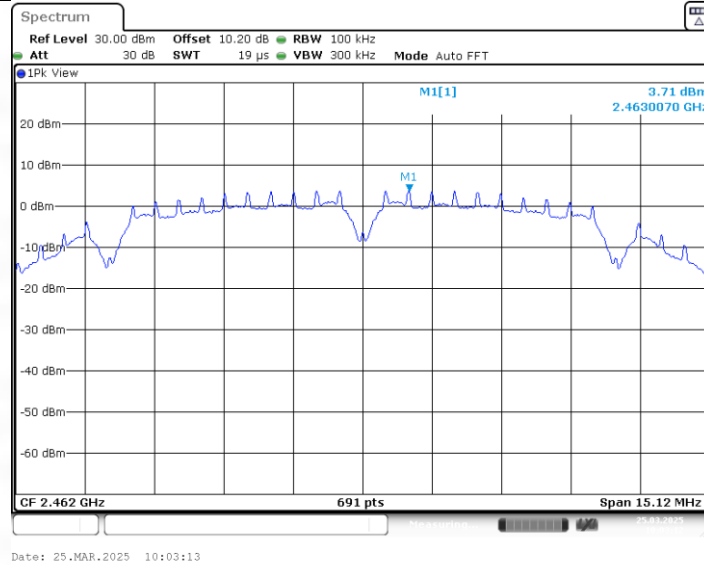
11B_Ant2_2437



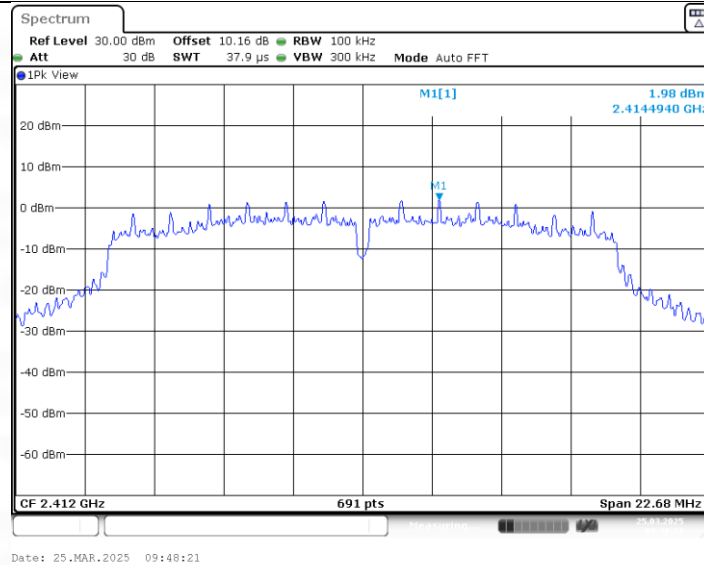
11B_Ant1_2462



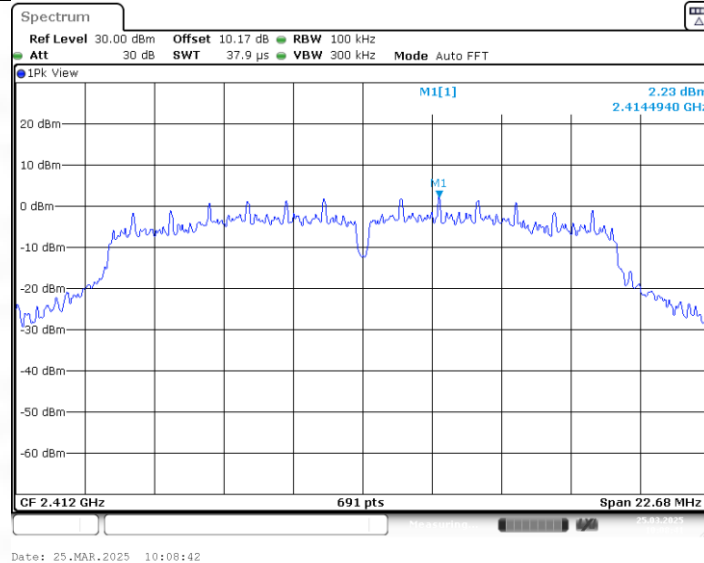
11B_Ant2_2462



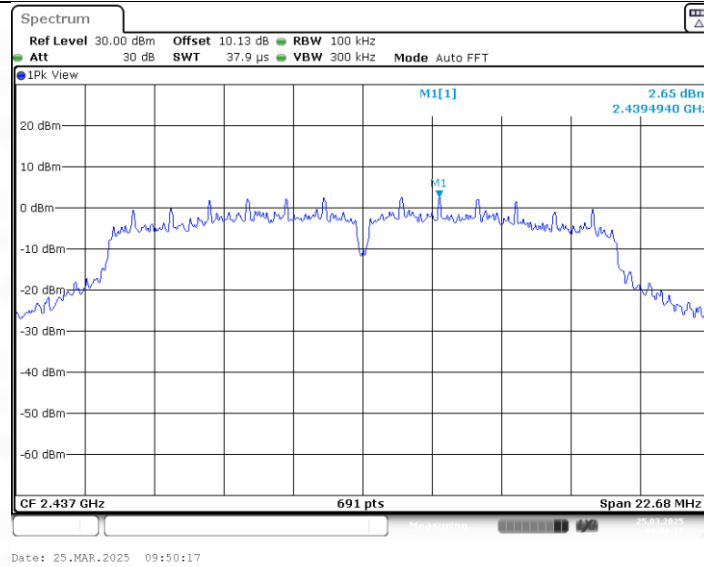
11G_Ant1_2412



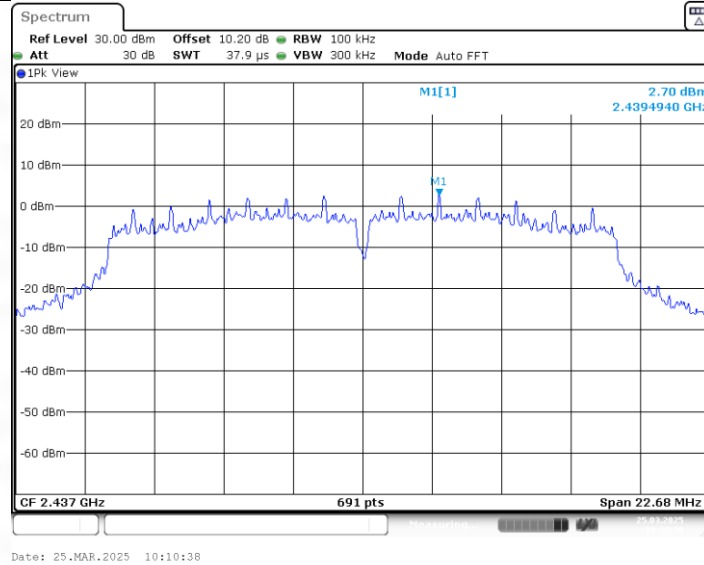
11G_Ant2_2412



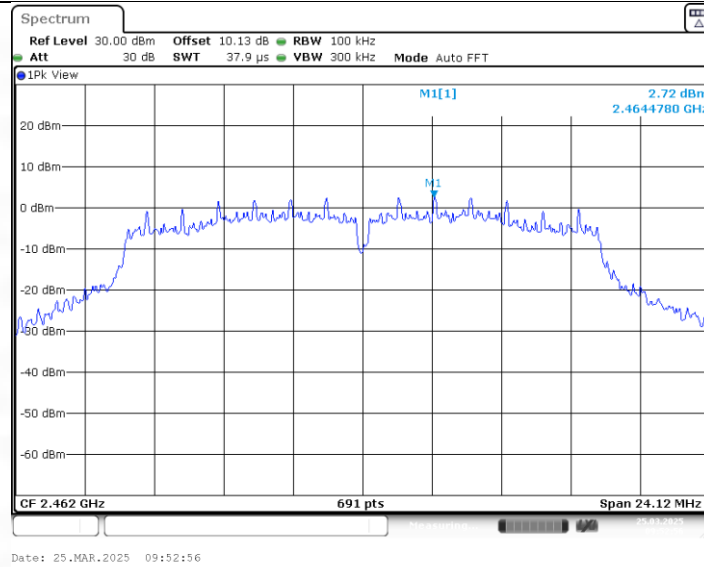
11G_Ant1_2437



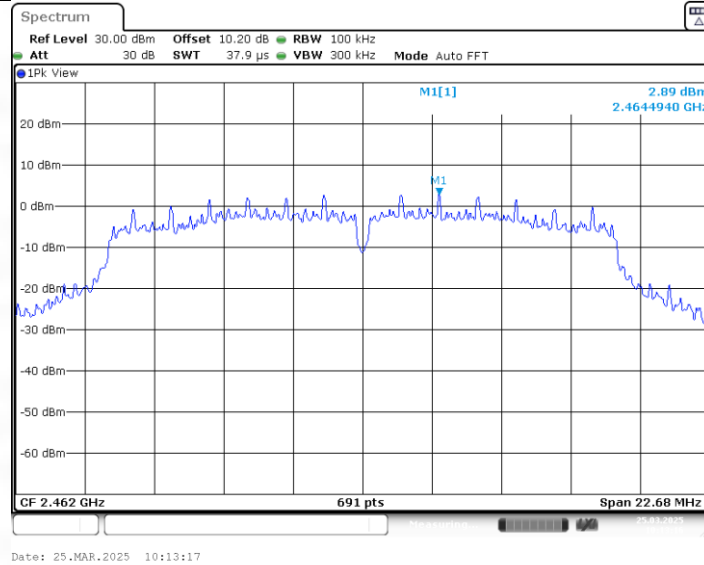
11G_Ant2_2437



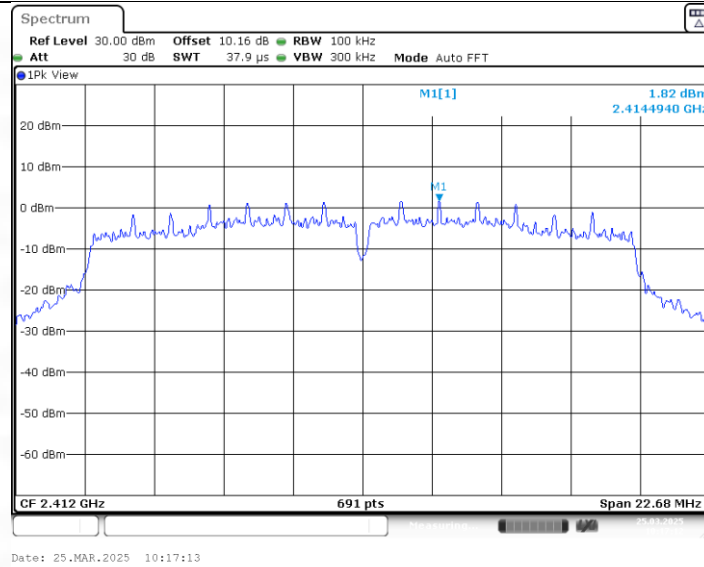
11G_Ant1_2462



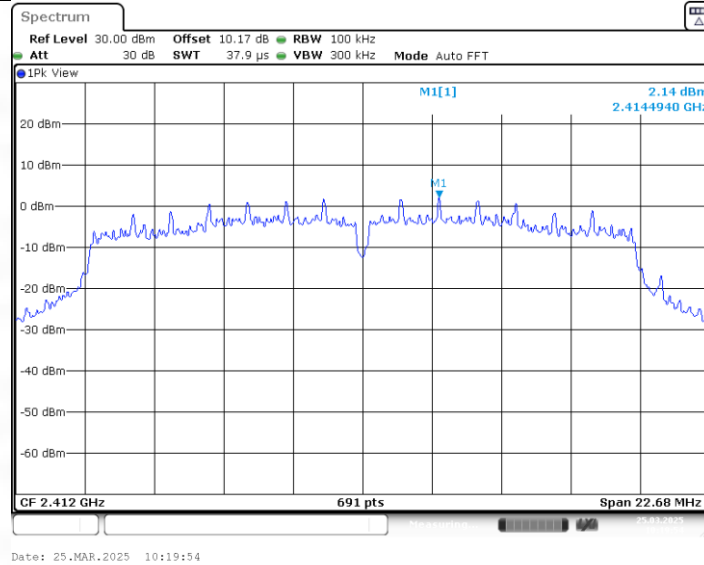
11G Ant2 2462



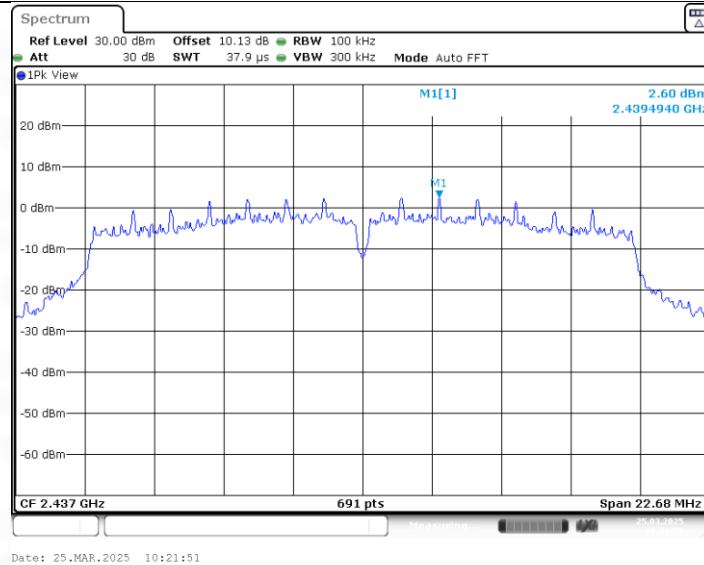
11N20MIMO Ant1 2412



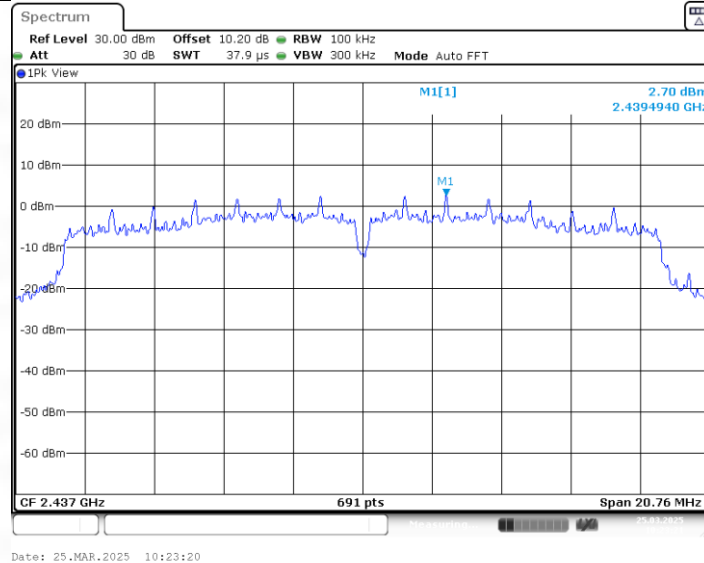
11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



11N20MIMO Ant2 2437



11N20MIMO Ant1 2462