



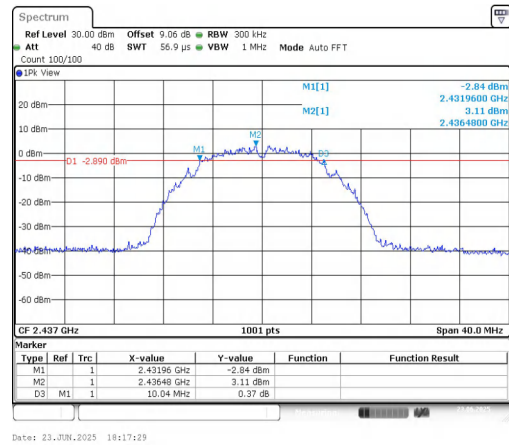
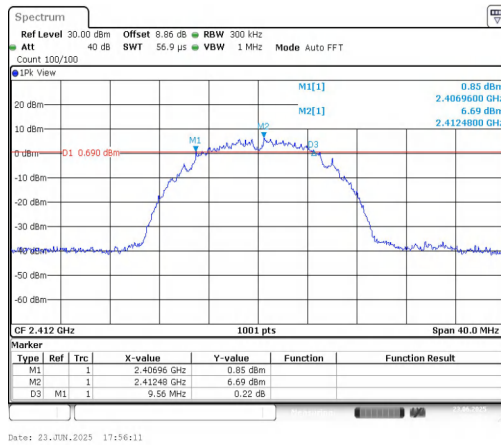
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.56	2406.96	2416.52	0.5	PASS
11B	Ant1	2437	10.04	2431.96	2442.00	0.5	PASS
11B	Ant1	2462	9.24	2457.24	2466.48	0.5	PASS
11G	Ant1	2412	16.36	2403.80	2420.16	0.5	PASS
11G	Ant1	2437	16.36	2428.80	2445.16	0.5	PASS
11G	Ant1	2462	16.36	2453.80	2470.16	0.5	PASS
11N20SISO	Ant1	2412	17.72	2403.16	2420.88	0.5	PASS
11N20SISO	Ant1	2437	17.60	2428.16	2445.76	0.5	PASS
11N20SISO	Ant1	2462	17.80	2453.08	2470.88	0.5	PASS
11N40SISO	Ant1	2422	36.08	2404.08	2440.16	0.5	PASS
11N40SISO	Ant1	2437	36.40	2418.76	2455.16	0.5	PASS
11N40SISO	Ant1	2452	36.40	2433.76	2470.16	0.5	PASS

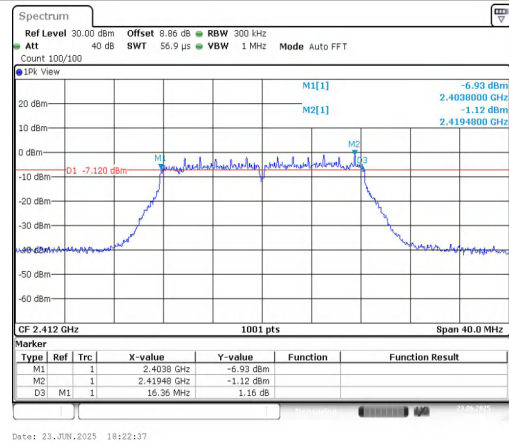
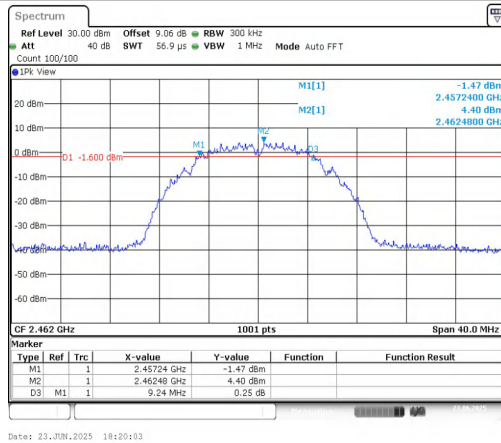


Test Graphs



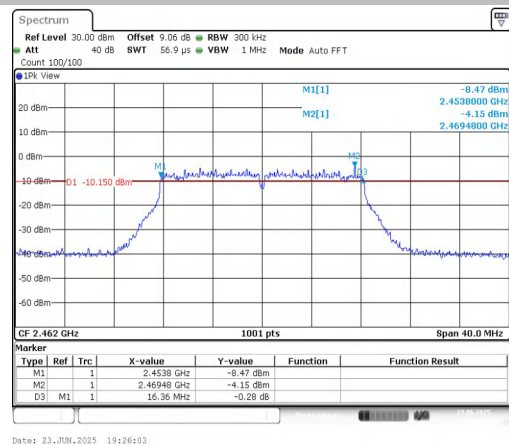
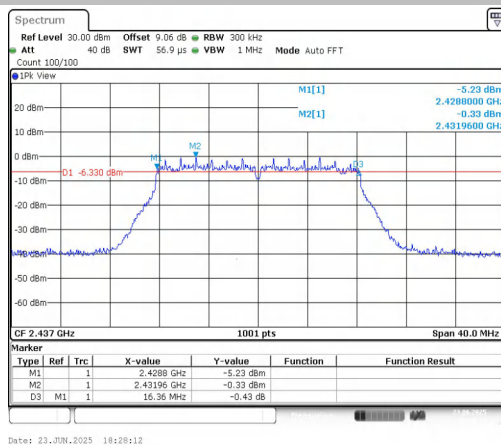
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



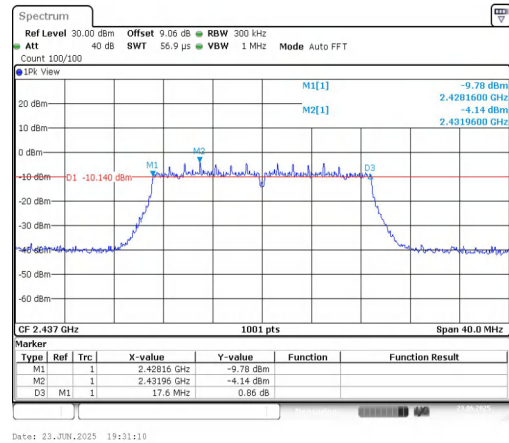
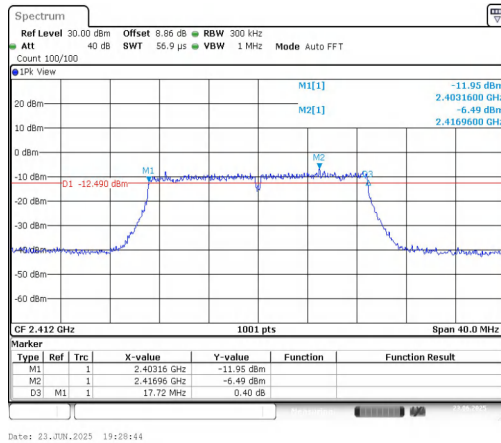
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



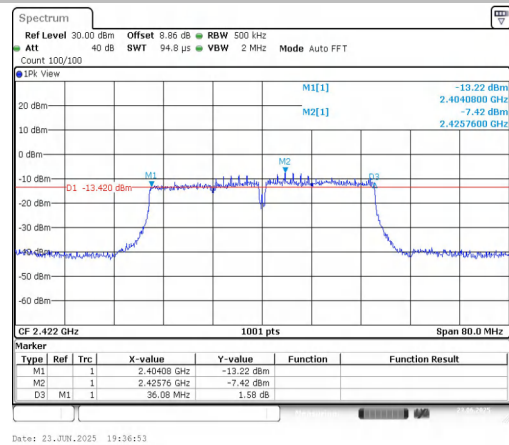
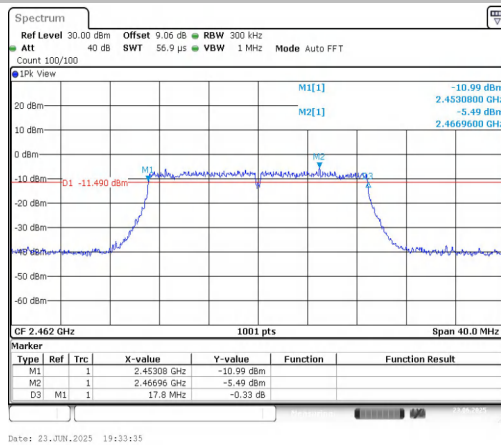
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



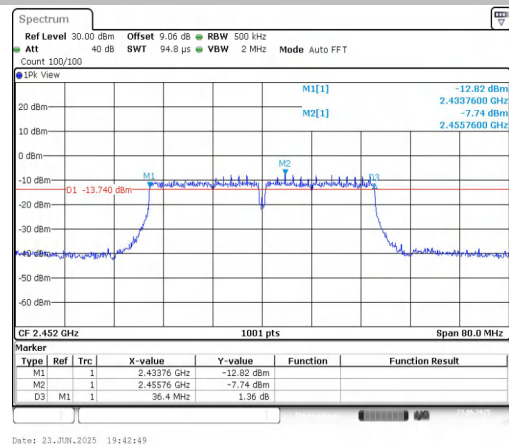
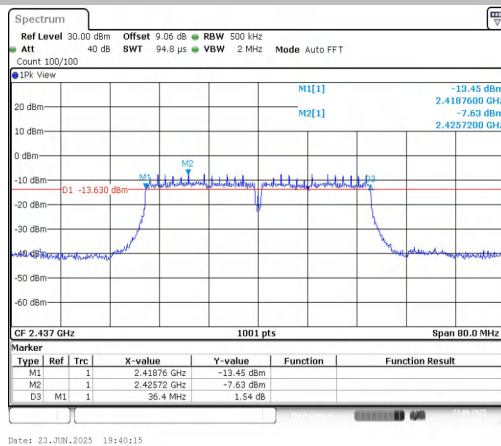
11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



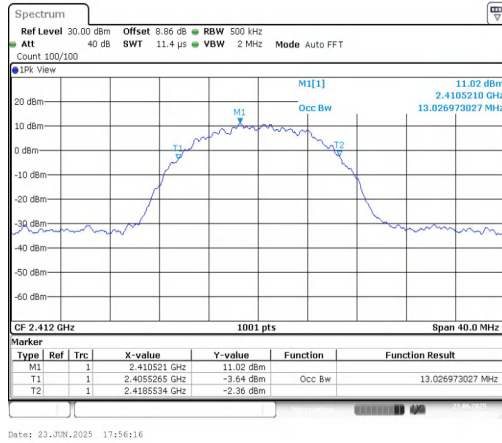
Appendix B: Occupied Channel Bandwidth

Test Result

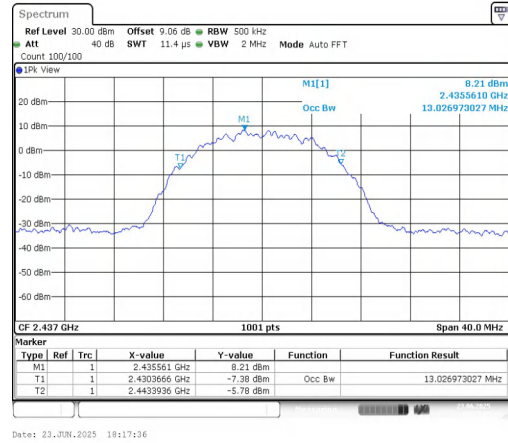
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.027	2405.5265	2418.5534	---	---
11B	Ant1	2437	13.027	2430.3666	2443.3936	---	---
11B	Ant1	2462	13.027	2455.4066	2468.4336	---	---
11G	Ant1	2412	17.822	2403.2488	2421.0709	---	---
11G	Ant1	2437	17.982	2427.8891	2445.8711	---	---
11G	Ant1	2462	17.502	2453.1289	2470.6314	---	---
11N20SISO	Ant1	2412	18.342	2402.8492	2421.1908	---	---
11N20SISO	Ant1	2437	18.342	2427.7692	2446.1109	---	---
11N20SISO	Ant1	2462	18.262	2452.8492	2471.1109	---	---
11N40SISO	Ant1	2422	37.403	2403.6184	2441.0210	---	---
11N40SISO	Ant1	2437	36.923	2418.5385	2455.4615	---	---
11N40SISO	Ant1	2452	37.323	2433.1389	2470.4615	---	---



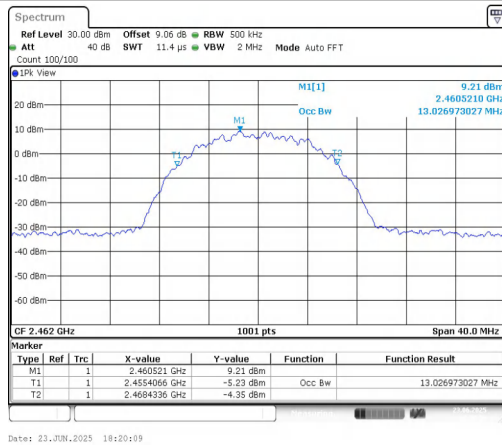
Test Graphs



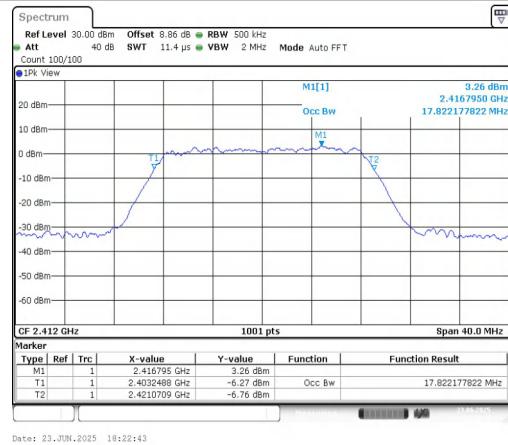
11B-Ant1-2412



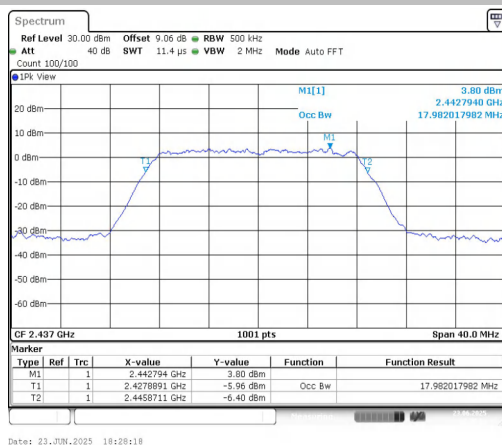
11B-Ant1-2437



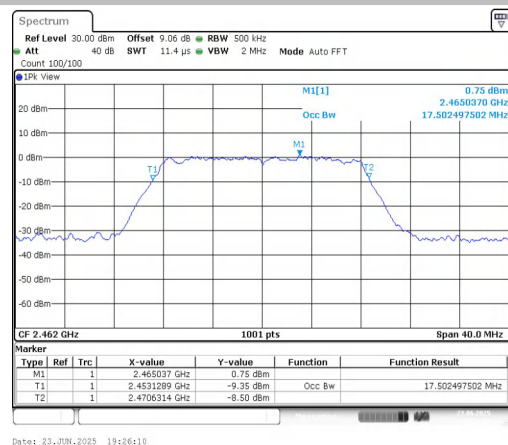
11B-Ant1-2462



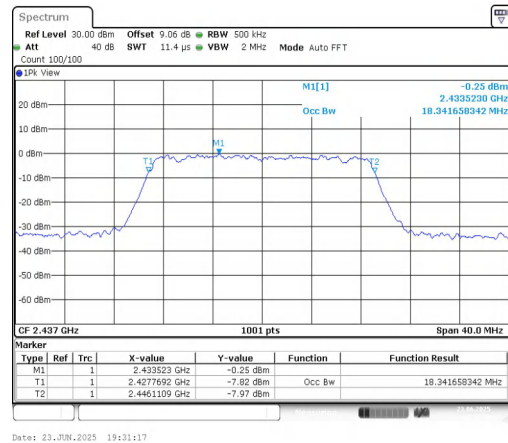
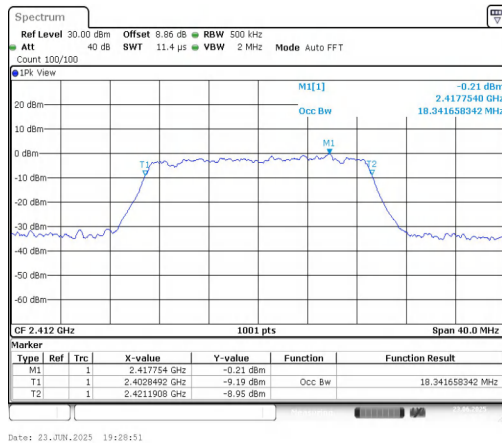
11G-Ant1-2412



11G-Ant1-2437

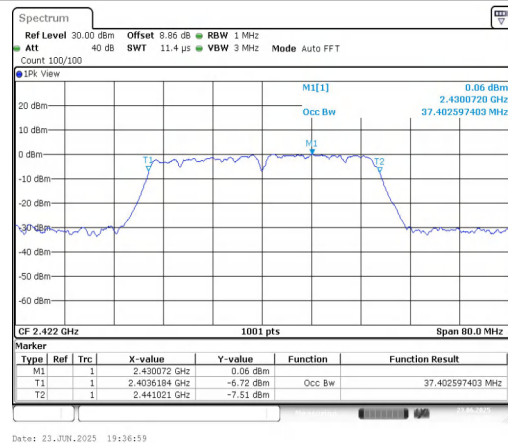
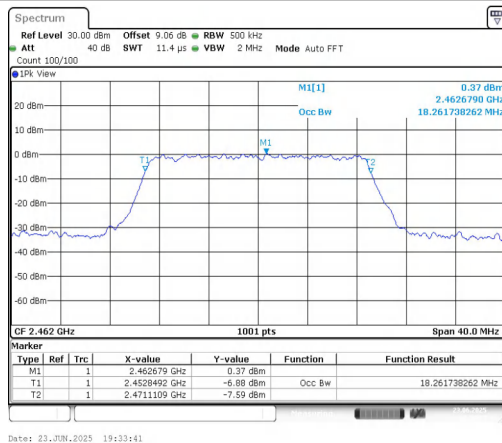


11G-Ant1-2462



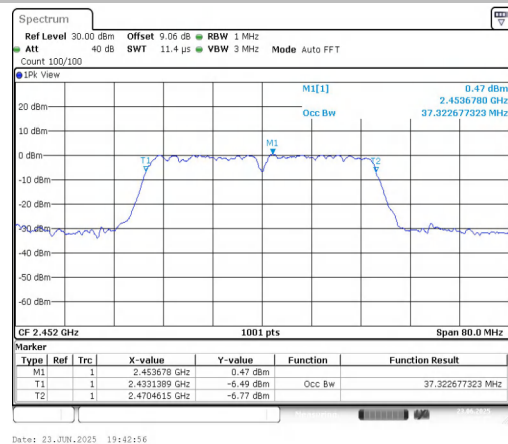
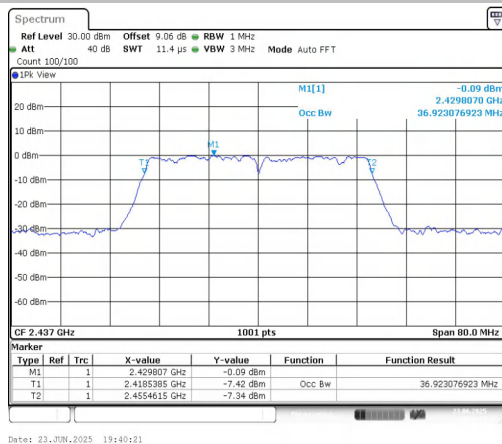
11N20SISO-Ant1-2412

11N20SISO-Ant1-2437



11N20SISO-Ant1-2462

11N40SISO-Ant1-2422



11N40SISO-Ant1-2437

11N40SISO-Ant1-2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	16.44	≤30.00	-2.42	14.02	--	PASS
11B	Ant1	2437	17.13	≤30.00	-2.42	14.71	--	PASS
11B	Ant1	2462	17.90	≤30.00	-2.42	15.48	--	PASS
11G	Ant1	2412	13.81	≤30.00	-2.42	11.39	--	PASS
11G	Ant1	2437	14.86	≤30.00	-2.42	12.44	--	PASS
11G	Ant1	2462	15.76	≤30.00	-2.42	13.34	--	PASS
11N20SISO	Ant1	2412	13.95	≤30.00	-2.42	11.53	--	PASS
11N20SISO	Ant1	2437	14.89	≤30.00	-2.42	12.47	--	PASS
11N20SISO	Ant1	2462	15.70	≤30.00	-2.42	13.28	--	PASS
11N40SISO	Ant1	2422	14.72	≤30.00	-2.42	12.30	--	PASS
11N40SISO	Ant1	2437	15.00	≤30.00	-2.42	12.58	--	PASS
11N40SISO	Ant1	2452	15.31	≤30.00	-2.42	12.89	--	PASS

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Reading Power [dBm]	DC Factor [dB]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	9.67	0.00	9.67	≤30.00	0.00	9.67	--	PASS
11B	Ant1	2437	9.92	0.00	9.92	≤30.00	0.00	9.92	--	PASS
11B	Ant1	2462	10.56	0.00	10.56	≤30.00	0.00	10.56	--	PASS
11G	Ant1	2412	5.81	0.10	5.91	≤30.00	0.00	5.91	--	PASS
11G	Ant1	2437	6.12	0.11	6.23	≤30.00	0.00	6.23	--	PASS
11G	Ant1	2462	6.96	0.10	7.06	≤30.00	0.00	7.06	--	PASS
11N20SISO	Ant1	2412	5.76	0.11	5.87	≤30.00	0.00	5.87	--	PASS
11N20SISO	Ant1	2437	6.02	0.12	6.14	≤30.00	0.00	6.14	--	PASS
11N20SISO	Ant1	2462	6.88	0.12	7.00	≤30.00	0.00	7.00	--	PASS
11N40SISO	Ant1	2422	5.95	0.22	6.17	≤30.00	0.00	6.17	--	PASS
11N40SISO	Ant1	2437	5.90	0.22	6.12	≤30.00	0.00	6.12	--	PASS
11N40SISO	Ant1	2452	6.35	0.24	6.59	≤30.00	0.00	6.59	--	PASS

AV Power [dBm]= Reading power +DC Factor



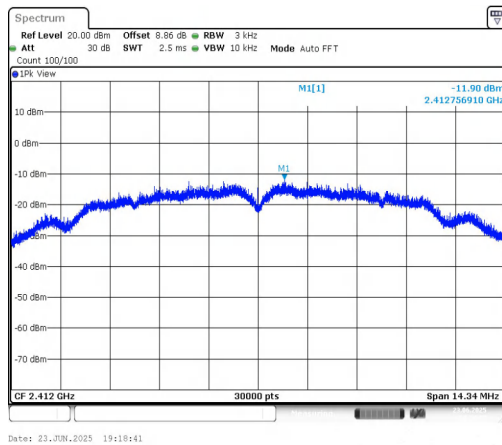
Appendix D: Maximum power spectral density

Test Result

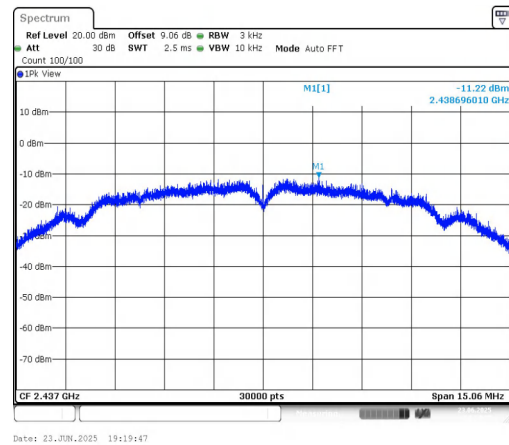
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.90	≤8.00	PASS
11B	Ant1	2437	-11.22	≤8.00	PASS
11B	Ant1	2462	-10.76	≤8.00	PASS
11G	Ant1	2412	-18.64	≤8.00	PASS
11G	Ant1	2437	-18.21	≤8.00	PASS
11G	Ant1	2462	-17.18	≤8.00	PASS
11N20SISO	Ant1	2412	-18.51	≤8.00	PASS
11N20SISO	Ant1	2437	-17.42	≤8.00	PASS
11N20SISO	Ant1	2462	-16.63	≤8.00	PASS
11N40SISO	Ant1	2422	-20.05	≤8.00	PASS
11N40SISO	Ant1	2437	-19.43	≤8.00	PASS
11N40SISO	Ant1	2452	-19.96	≤8.00	PASS



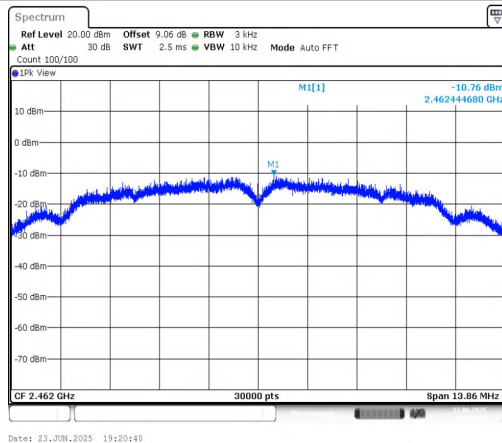
Test Graphs



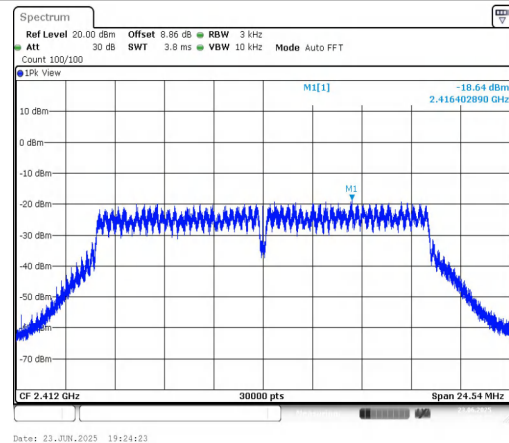
11B-Ant1-2412-PASS



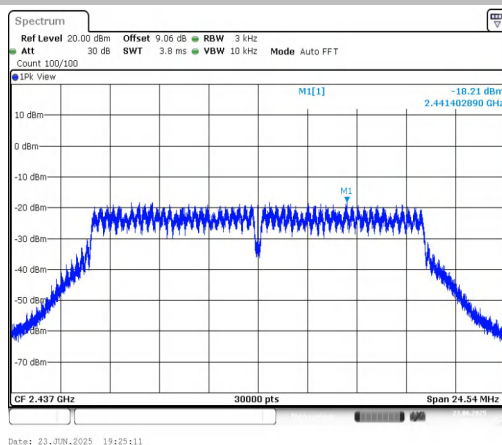
11B-Ant1-2437-PASS



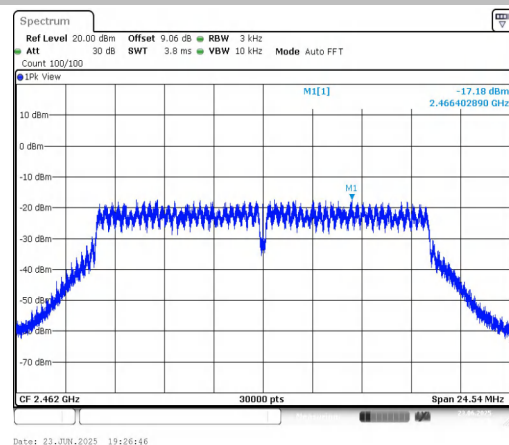
11B-Ant1-2462-PASS



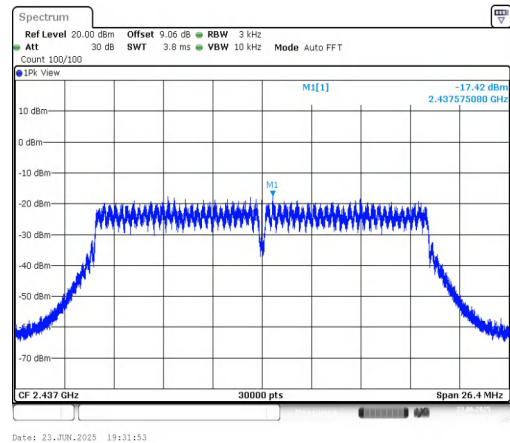
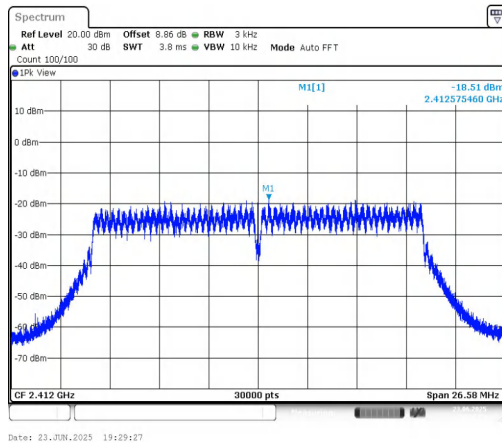
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS

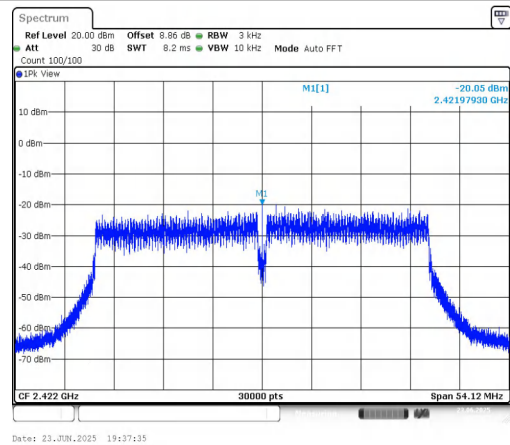
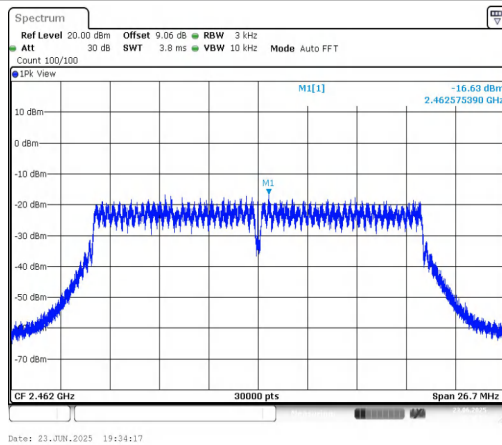


11G-Ant1-2462-PASS



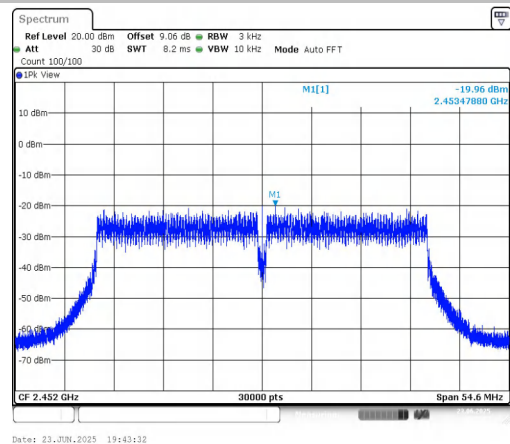
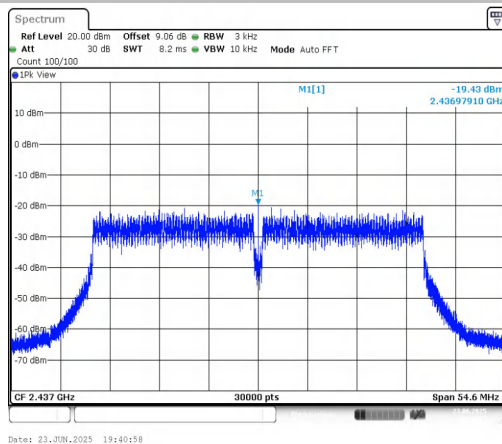
11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



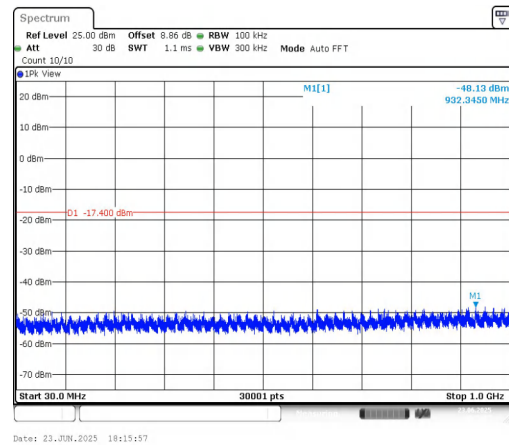
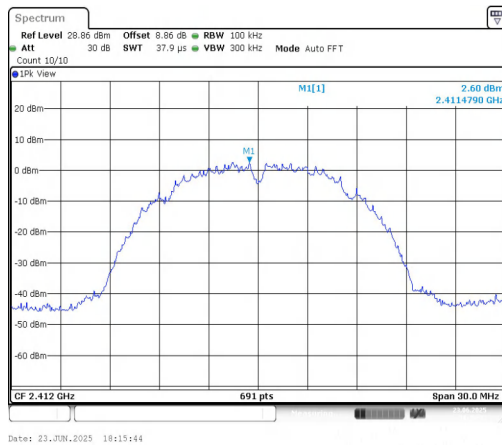
Appendix E: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.60	2.60	---	PASS
11B	Ant1	2412	30~1000	2.60	-48.13	≤-17.4	PASS
11B	Ant1	2412	1000~26500	2.60	-37.91	≤-17.4	PASS
11B	Ant1	2437	0~Reference	4.07	4.07	---	PASS
11B	Ant1	2437	30~1000	4.07	-47.8	≤-15.93	PASS
11B	Ant1	2437	1000~26500	4.07	-36.7	≤-15.93	PASS
11B	Ant1	2462	0~Reference	4.66	4.66	---	PASS
11B	Ant1	2462	30~1000	4.66	-47.48	≤-15.34	PASS
11B	Ant1	2462	1000~26500	4.66	-36.85	≤-15.34	PASS
11G	Ant1	2412	0~Reference	-0.76	-0.76	---	PASS
11G	Ant1	2412	30~1000	-0.76	-47.55	≤-20.76	PASS
11G	Ant1	2412	1000~26500	-0.76	-37.36	≤-20.76	PASS
11G	Ant1	2437	0~Reference	-0.37	-0.37	---	PASS
11G	Ant1	2437	30~1000	-0.37	-47.89	≤-20.37	PASS
11G	Ant1	2437	1000~26500	-0.37	-35.96	≤-20.37	PASS
11G	Ant1	2462	0~Reference	-2.95	-2.95	---	PASS
11G	Ant1	2462	30~1000	-2.95	-47.66	≤-22.95	PASS
11G	Ant1	2462	1000~26500	-2.95	-36.62	≤-22.95	PASS
11N20SISO	Ant1	2412	0~Reference	-4.63	-4.63	---	PASS
11N20SISO	Ant1	2412	30~1000	-4.63	-47.69	≤-24.63	PASS
11N20SISO	Ant1	2412	1000~26500	-4.63	-35.33	≤-24.63	PASS
11N20SISO	Ant1	2437	0~Reference	-4.24	-4.24	---	PASS
11N20SISO	Ant1	2437	30~1000	-4.24	-47.5	≤-24.24	PASS
11N20SISO	Ant1	2437	1000~26500	-4.24	-37.11	≤-24.24	PASS
11N20SISO	Ant1	2462	0~Reference	-3.23	-3.23	---	PASS
11N20SISO	Ant1	2462	30~1000	-3.23	-48	≤-23.23	PASS
11N20SISO	Ant1	2462	1000~26500	-3.23	-37.02	≤-23.23	PASS
11N40SISO	Ant1	2422	0~Reference	-7.71	-7.71	---	PASS
11N40SISO	Ant1	2422	30~1000	-7.71	-47.63	≤-27.71	PASS
11N40SISO	Ant1	2422	1000~26500	-7.71	-37.24	≤-27.71	PASS
11N40SISO	Ant1	2437	0~Reference	-7.40	-7.40	---	PASS
11N40SISO	Ant1	2437	30~1000	-7.40	-48.37	≤-27.4	PASS
11N40SISO	Ant1	2437	1000~26500	-7.40	-37.16	≤-27.4	PASS
11N40SISO	Ant1	2452	0~Reference	-7.17	-7.17	---	PASS
11N40SISO	Ant1	2452	30~1000	-7.17	-48.17	≤-27.17	PASS
11N40SISO	Ant1	2452	1000~26500	-7.17	-36.91	≤-27.17	PASS

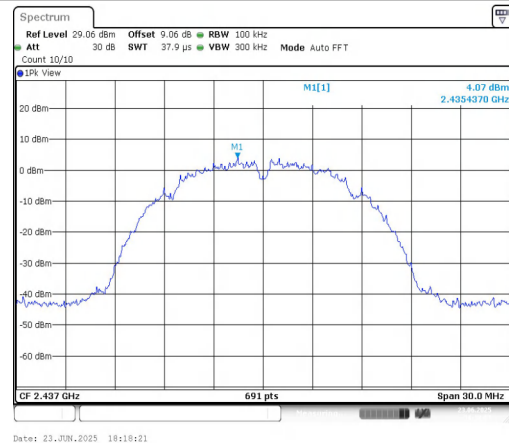
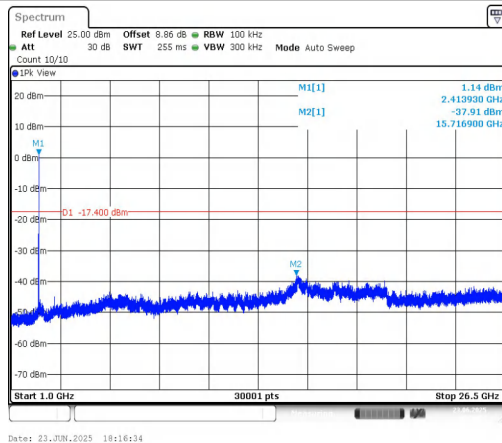


Test Graphs



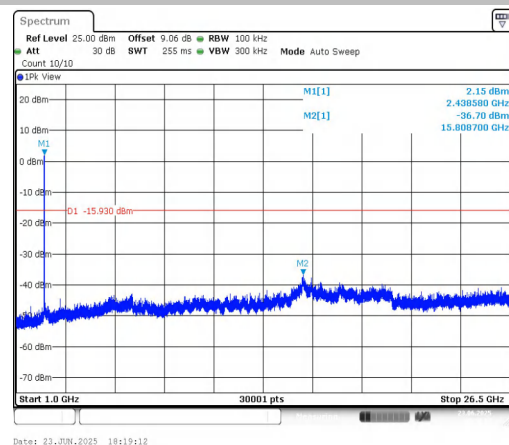
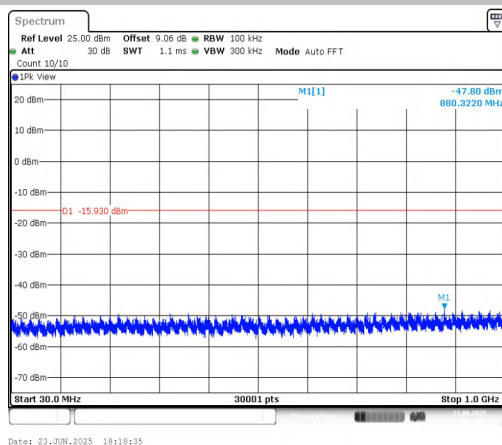
11B-Ant1-2412-0~Reference-PASS

11B-Ant1-2412-30~1000-PASS



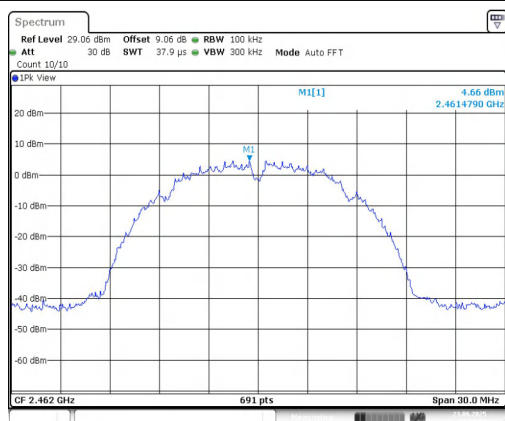
11B-Ant1-2412-1000~26500-PASS

11B-Ant1-2437-0~Reference-PASS

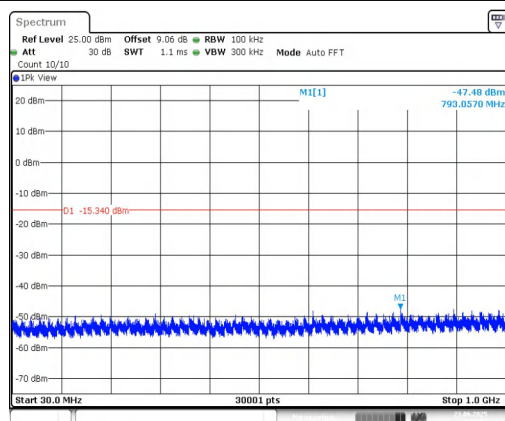


11B-Ant1-2437-30~1000-PASS

11B-Ant1-2437-1000~26500-PASS



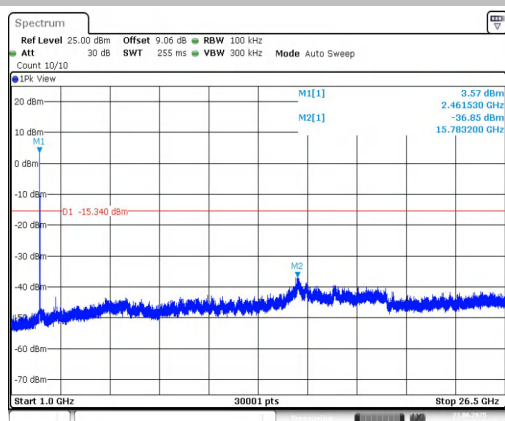
Date: 23 JUN 2025 18:21:05



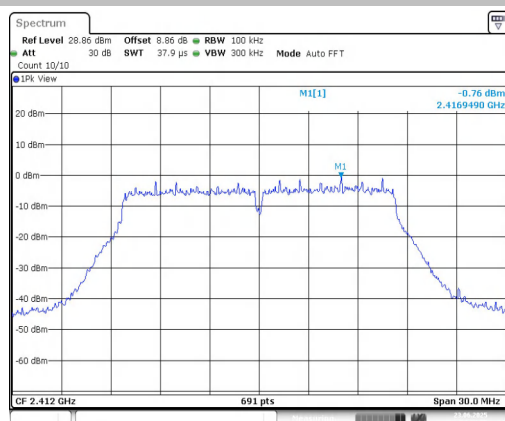
Date: 23 JUN 2025 18:21:18

11B-Ant1-2462-0~Reference-PASS

11B-Ant1-2462-30~1000-PASS



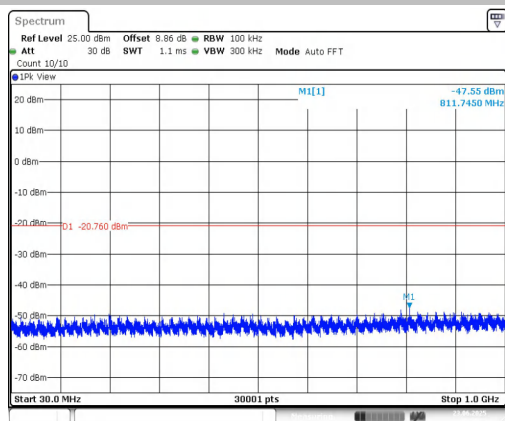
Date: 23 JUN 2025 18:21:55



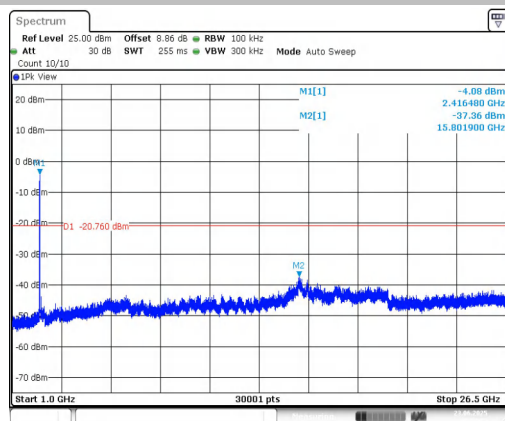
Date: 23 JUN 2025 18:21:39

11B-Ant1-2462-1000~26500-PASS

11G-Ant1-2412-0~Reference-PASS



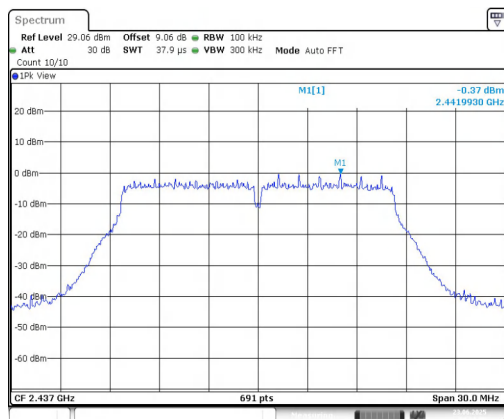
Date: 23 JUN 2025 18:23:52



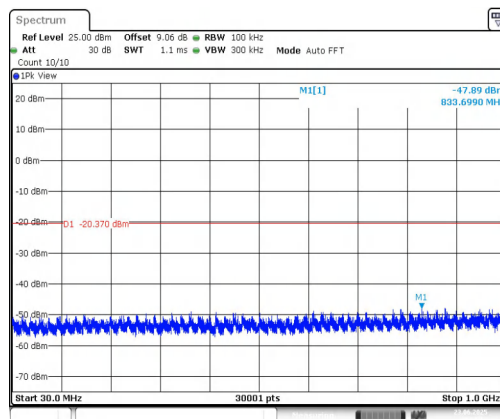
Date: 23 JUN 2025 18:24:29

11G-Ant1-2412-30~1000-PASS

11G-Ant1-2412-1000~26500-PASS



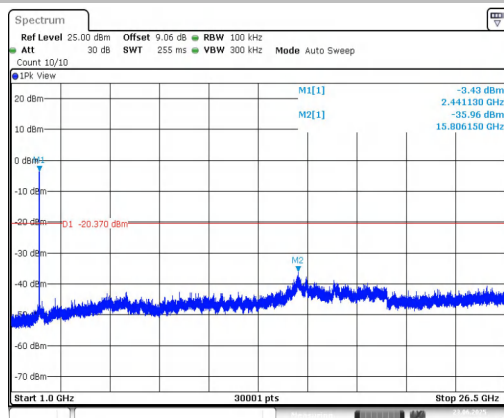
Date: 23 JUN 2025 18:29:03



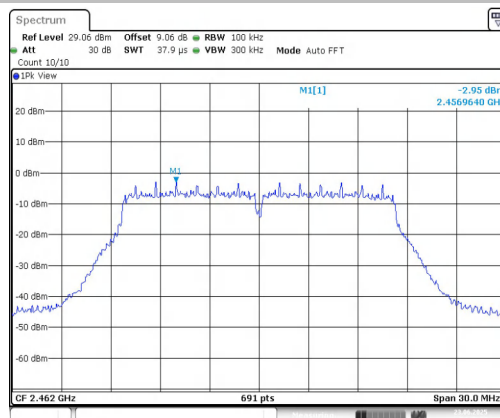
Date: 23 JUN 2025 18:29:16

11G-Ant1-2437-0~Reference-PASS

11G-Ant1-2437-30~1000-PASS



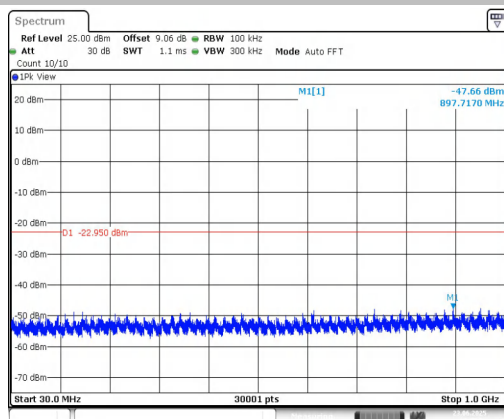
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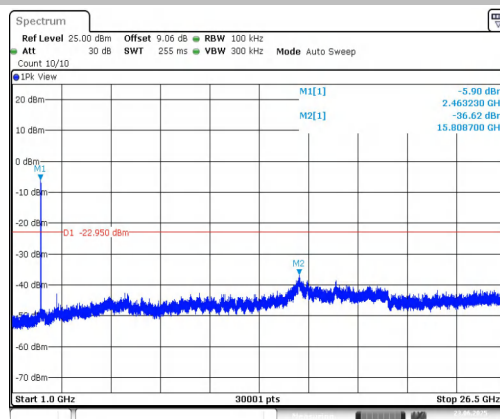
Date: 23 JUN 2025 19:27:05

11G-Ant1-2437-1000~26500-PASS

11G-Ant1-2462-0~Reference-PASS



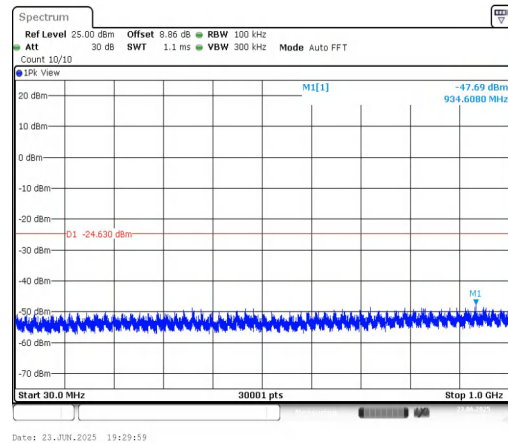
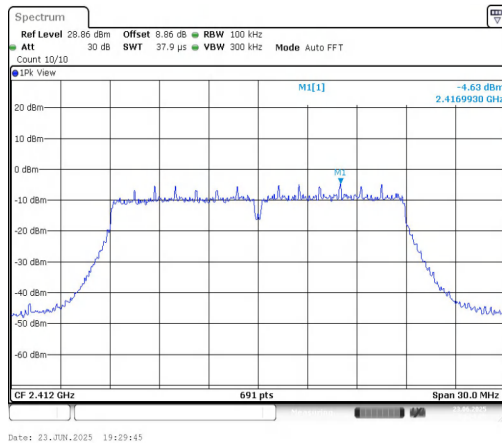
Date: 23 JUN 2025 19:27:18



Date: 23 JUN 2025 19:27:55

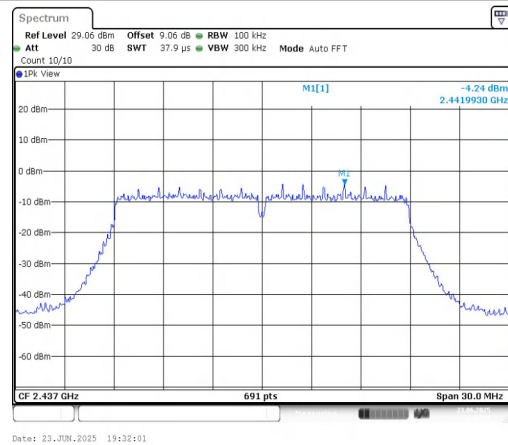
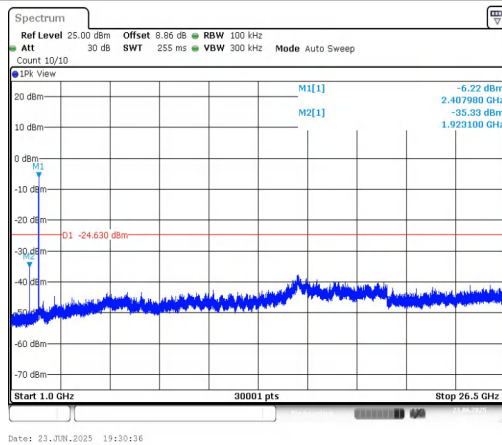
11G-Ant1-2462-30~1000-PASS

11G-Ant1-2462-1000~26500-PASS



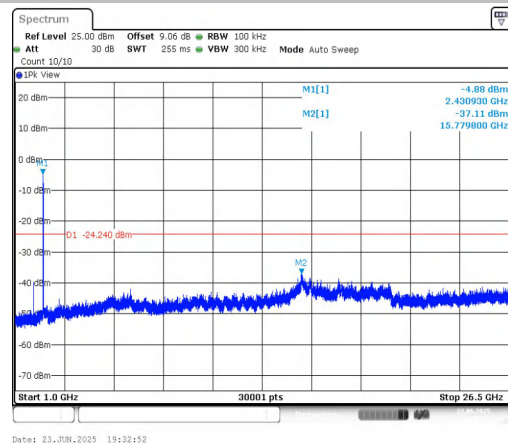
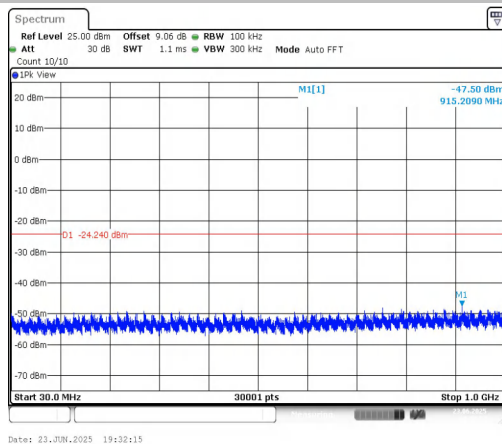
11N20SISO-Ant1-2412-0~Reference-PASS

11N20SISO-Ant1-2412-30~1000-PASS



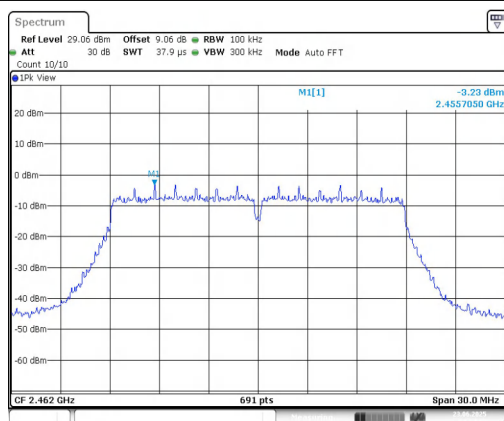
11N20SISO-Ant1-2412-1000~26500-PASS

11N20SISO-Ant1-2437-0~Reference-PASS

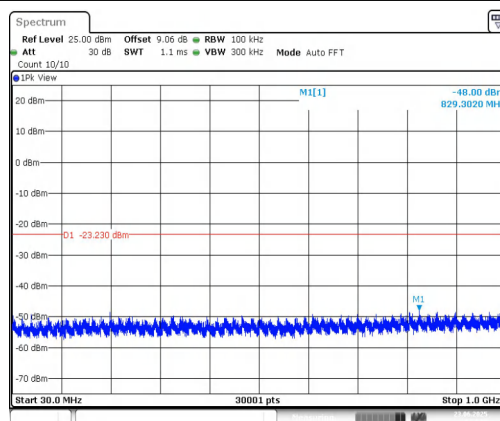


11N20SISO-Ant1-2437-30~1000-PASS

11N20SISO-Ant1-2437-1000~26500-PASS



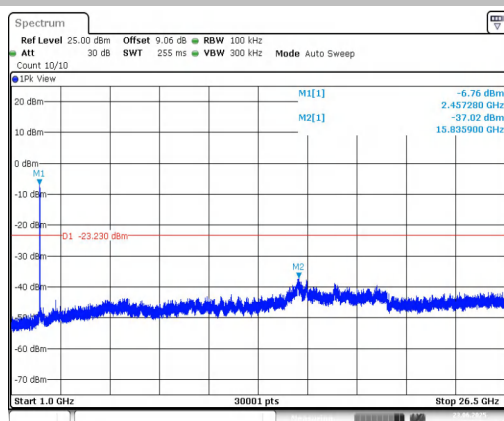
Date: 23.JUN.2025 19:34:36



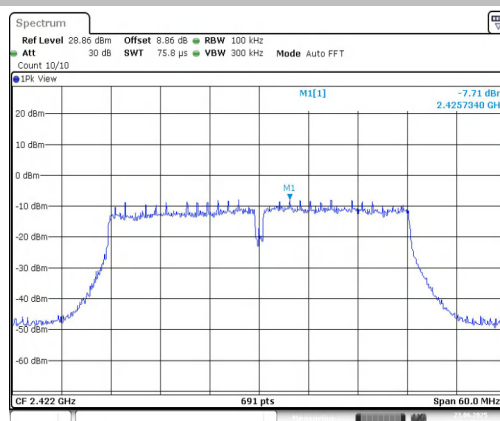
Date: 23.JUN.2025 19:34:49

11N20SISO-Ant1-2462-0~Reference-PASS

11N20SISO-Ant1-2462-30~1000-PASS



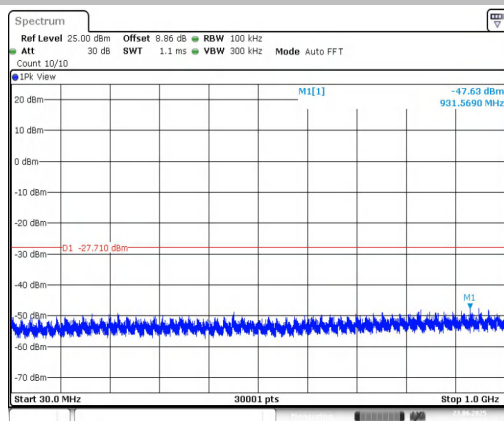
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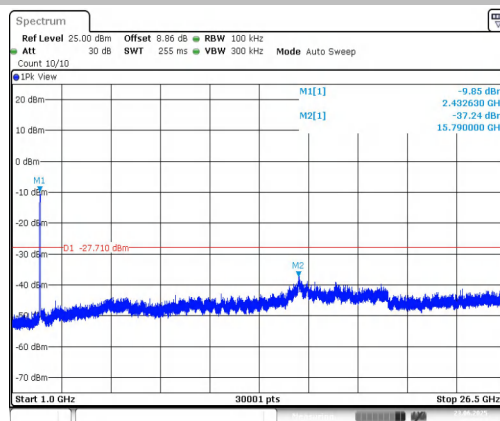
Date: 23.JUN.2025 19:37:54

11N20SISO-Ant1-2462-1000~26500-PASS

11N40SISO-Ant1-2422-0~Reference-PASS



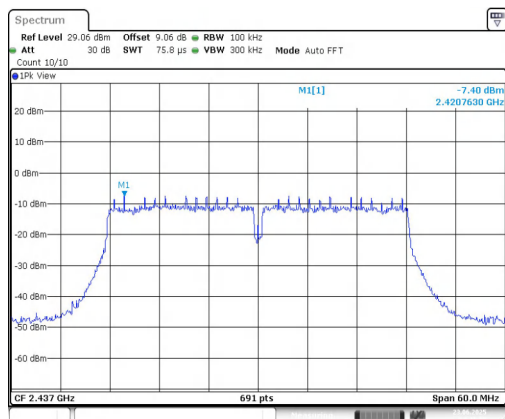
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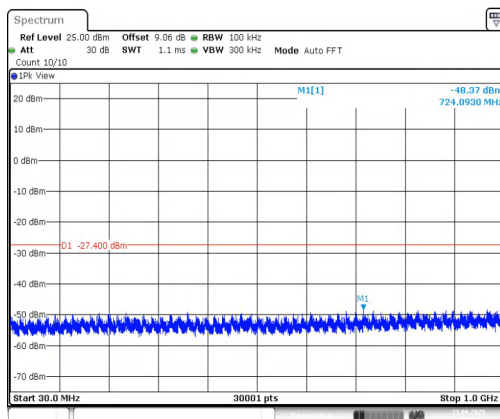
Date: 23.JUN.2025 19:38:44

11N40SISO-Ant1-2422-30~1000-PASS

11N40SISO-Ant1-2422-1000~26500-PASS



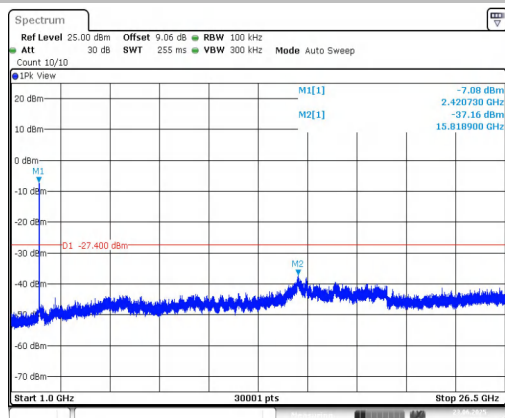
Date: 23 JUN 2025 19:41:06



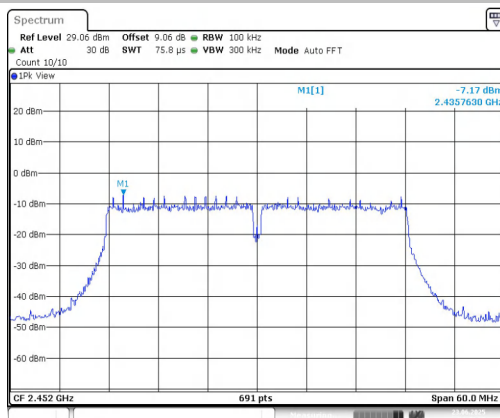
Date: 23 JUN 2025 19:41:19

11N40SISO-Ant1-2437-0~Reference-PASS

11N40SISO-Ant1-2437-30~1000-PASS



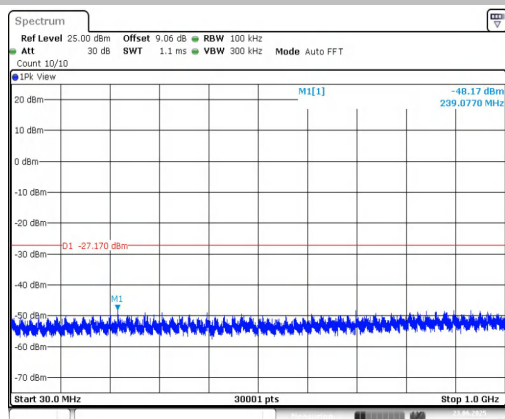
Date: 23 JUN 2025 19:41:56



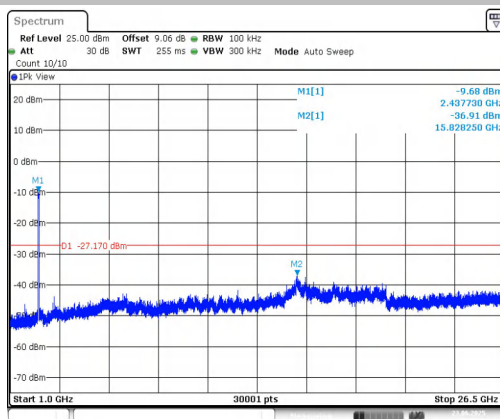
Date: 23 JUN 2025 19:41:50

11N40SISO-Ant1-2437-1000~26500-PASS

11N40SISO-Ant1-2452-0~Reference-PASS



Date: 23 JUN 2025 19:44:04



Date: 23 JUN 2025 19:44:41

11N40SISO-Ant1-2452-30~1000-PASS

11N40SISO-Ant1-2452-1000~26500-PASS



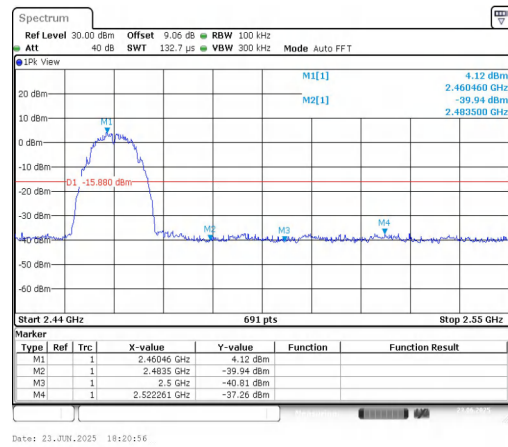
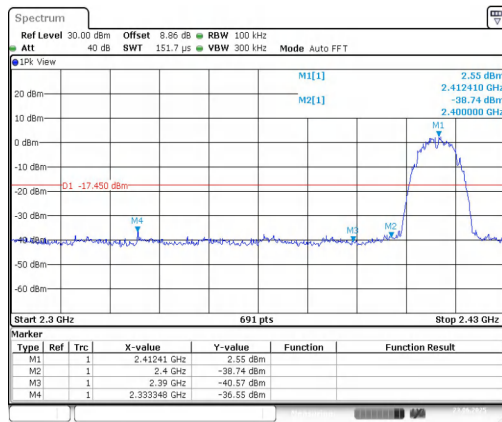
Appendix F: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.55	-36.55	≤ -17.45	PASS
11B	Ant1	High	2462	4.12	-37.26	≤ -15.88	PASS
11G	Ant1	Low	2412	-2.06	-37.27	≤ -22.06	PASS
11G	Ant1	High	2462	-4.52	-37.17	≤ -24.52	PASS
11N20SISO	Ant1	Low	2412	-5.85	-37.87	≤ -25.85	PASS
11N20SISO	Ant1	High	2462	-4.92	-36.92	≤ -24.92	PASS
11N40SISO	Ant1	Low	2422	-8.83	-38.54	≤ -28.83	PASS
11N40SISO	Ant1	High	2452	-7.37	-36.94	≤ -27.37	PASS

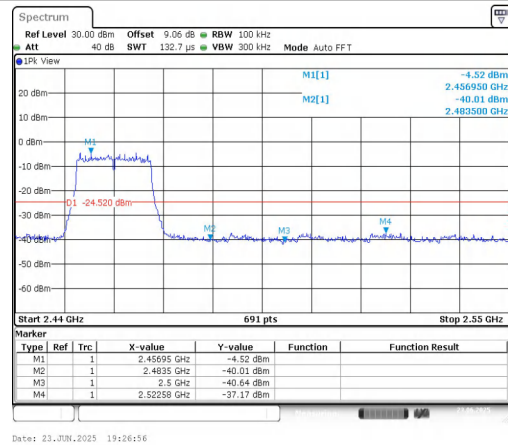
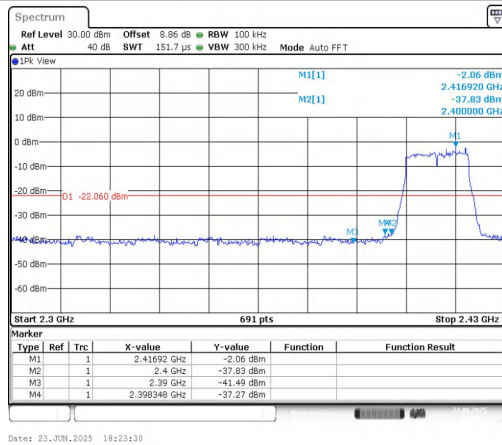


Test Graphs



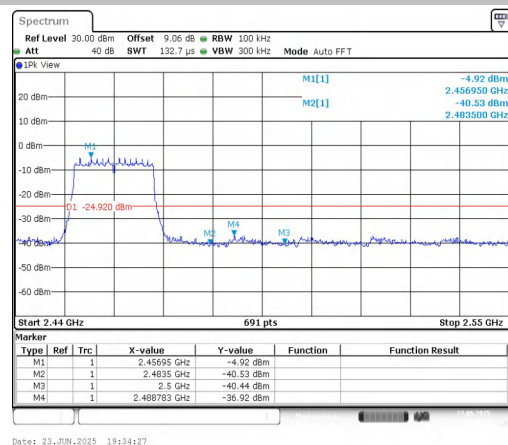
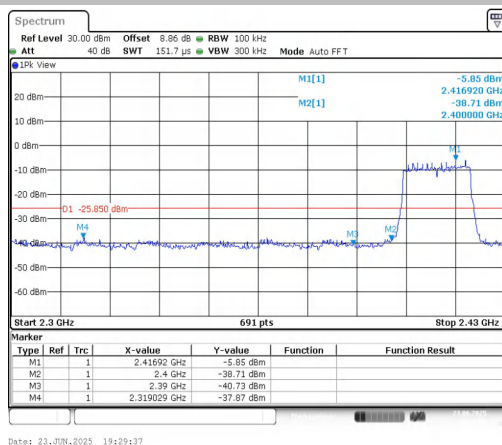
11B-Ant1-2412-PASS

11B-Ant1-2462-PASS



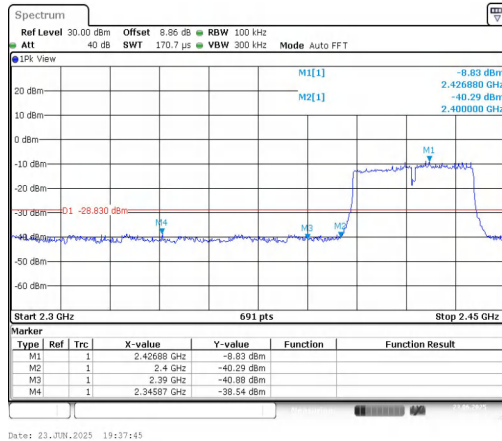
11G-Ant1-2412-PASS

11G-Ant1-2462-PASS

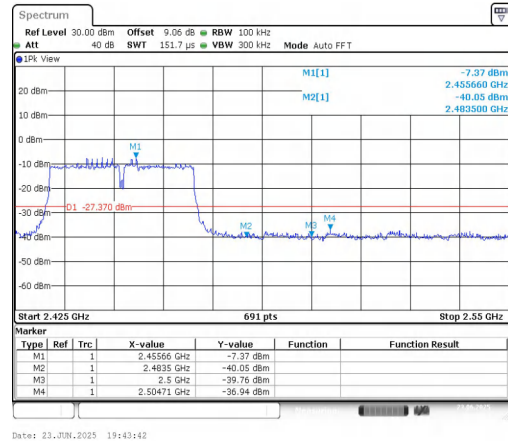


11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



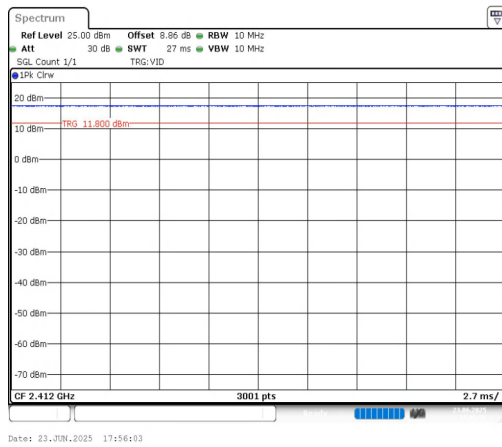
Appendix G: Duty Cycle

Test Result

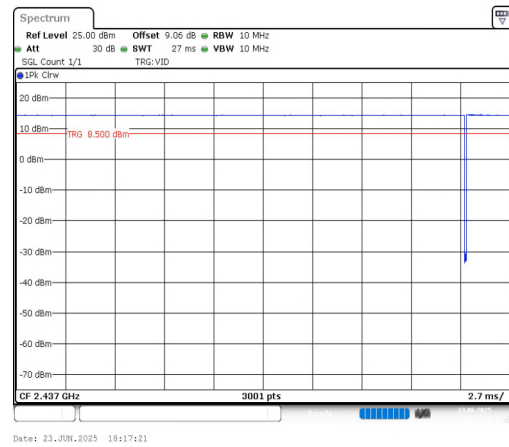
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B	Ant1	2412	27.00	27.00	100.00	0.00
11B	Ant1	2437	22.00	22.00	100.00	0.00
11B	Ant1	2462	17.00	17.00	100.00	0.00
11G	Ant1	2412	5.49	5.62	97.69	0.10
11G	Ant1	2437	5.47	5.61	97.50	0.11
11G	Ant1	2462	5.49	5.62	97.69	0.10
11N20SISO	Ant1	2412	5.08	5.21	97.50	0.11
11N20SISO	Ant1	2437	5.07	5.21	97.31	0.12
11N20SISO	Ant1	2462	5.08	5.22	97.32	0.12
11N40SISO	Ant1	2422	2.46	2.59	94.98	0.22
11N40SISO	Ant1	2437	2.47	2.60	95.00	0.22
11N40SISO	Ant1	2452	2.46	2.60	94.62	0.24



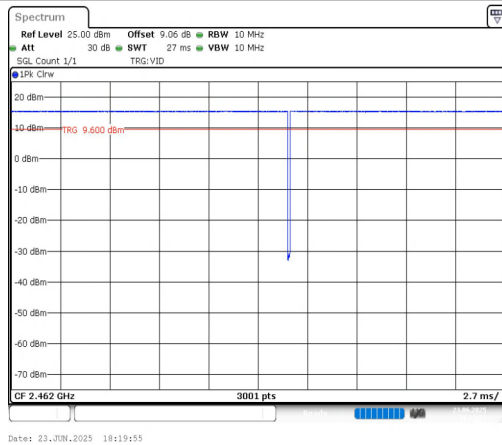
Test Graphs



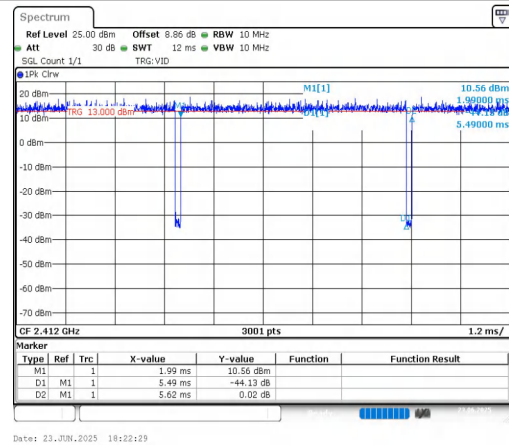
NTNV-11B-Ant1-2412



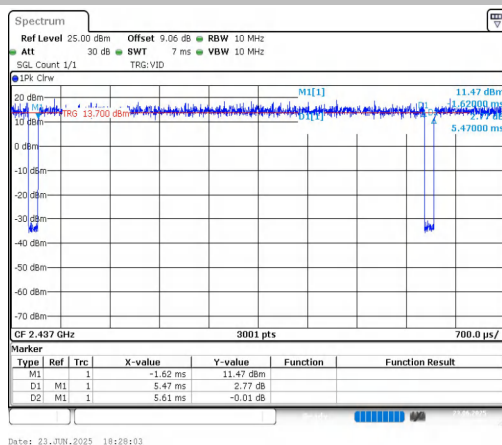
NTNV-11B-Ant1-2437



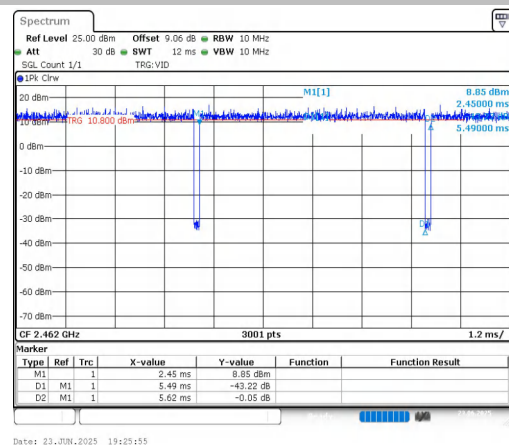
NTNV-11B-Ant1-2462



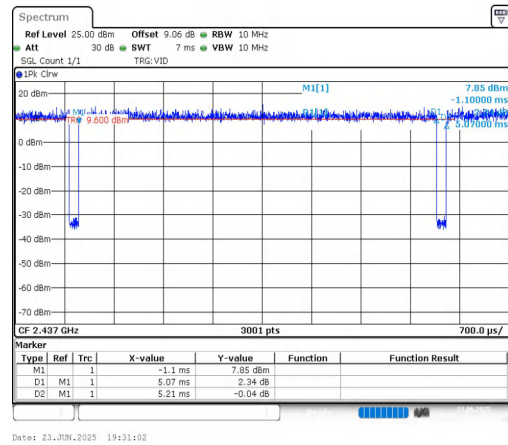
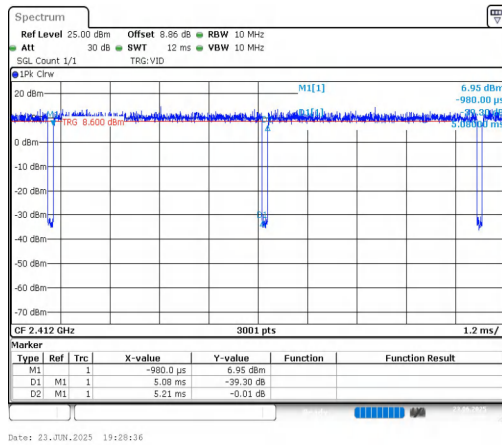
NTNV-11G-Ant1-2412



NTNV-11G-Ant1-2437

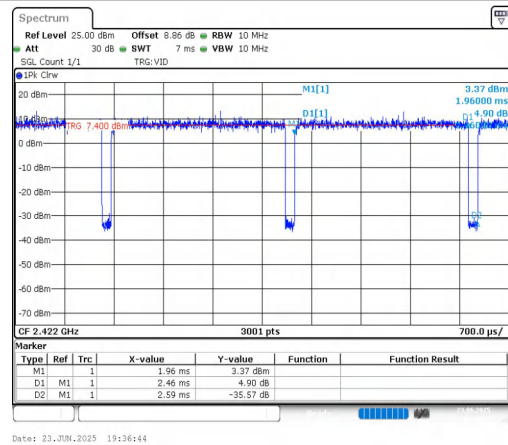
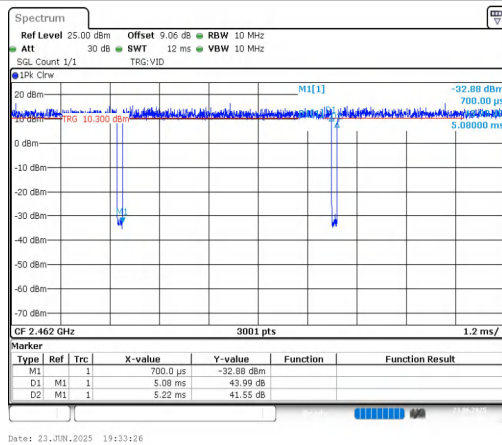


NTNV-11G-Ant1-2462



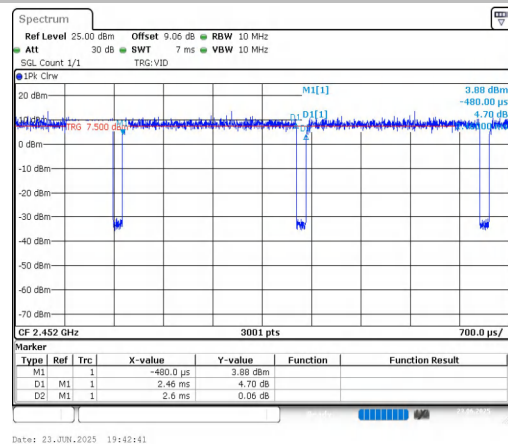
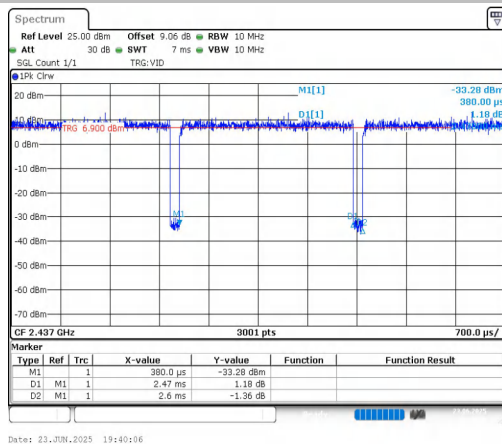
NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462

NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

NTNV-11N40SISO-Ant1-2452

-----END-----