



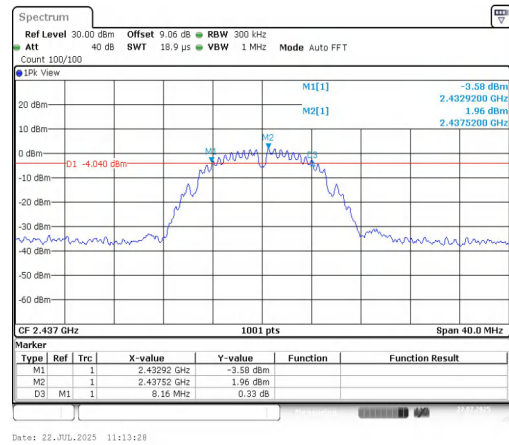
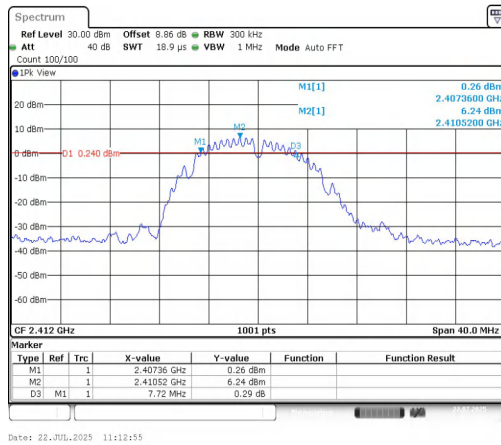
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.72	2407.36	2415.08	0.5	PASS
11B	Ant1	2437	8.16	2432.92	2441.08	0.5	PASS
11B	Ant1	2462	8.20	2457.88	2466.08	0.5	PASS
11G	Ant1	2412	16.40	2403.84	2420.24	0.5	PASS
11G	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
11G	Ant1	2462	16.28	2453.96	2470.24	0.5	PASS
11N20SISO	Ant1	2412	17.24	2403.40	2420.64	0.5	PASS
11N20SISO	Ant1	2437	17.40	2428.28	2445.68	0.5	PASS
11N20SISO	Ant1	2462	17.40	2453.44	2470.84	0.5	PASS
11N40SISO	Ant1	2422	35.68	2404.16	2439.84	0.5	PASS
11N40SISO	Ant1	2437	36.16	2418.84	2455.00	0.5	PASS
11N40SISO	Ant1	2452	36.00	2434.08	2470.08	0.5	PASS

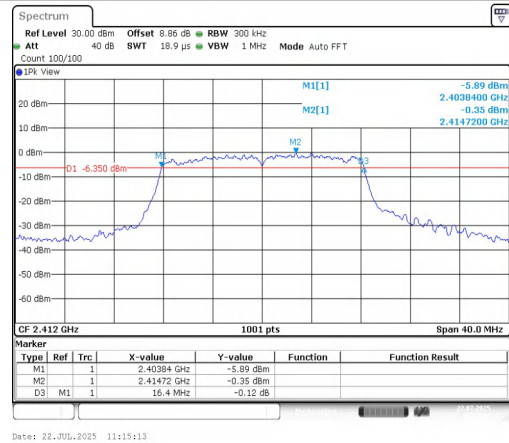
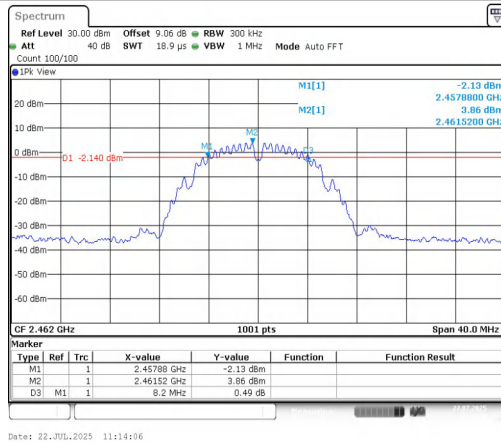


Test Graphs



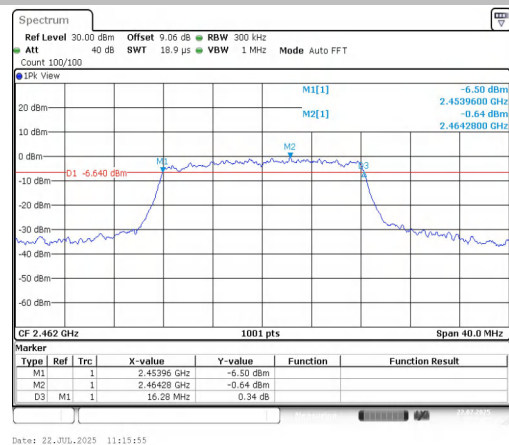
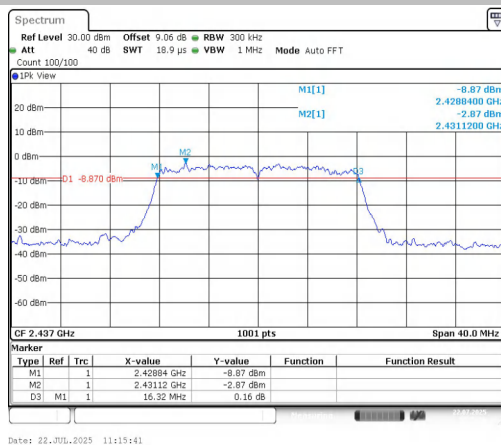
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



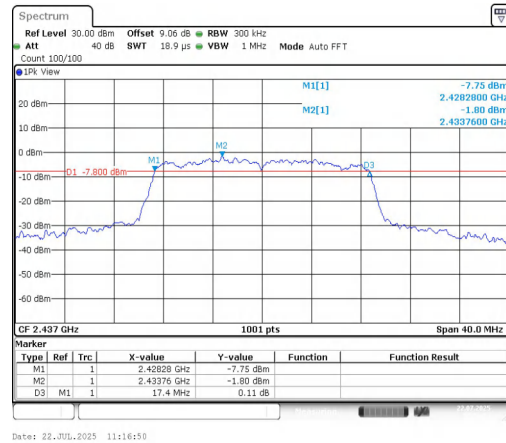
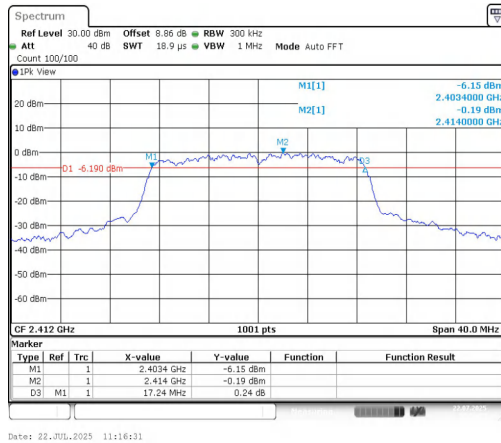
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



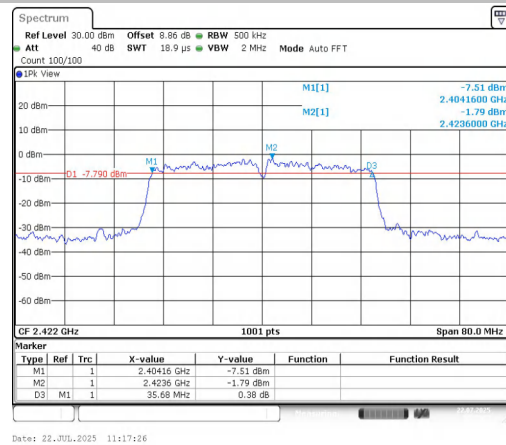
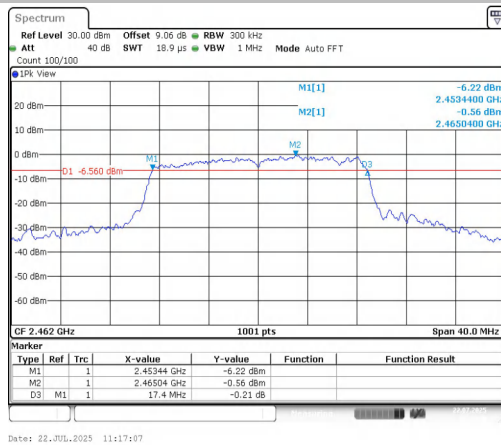
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



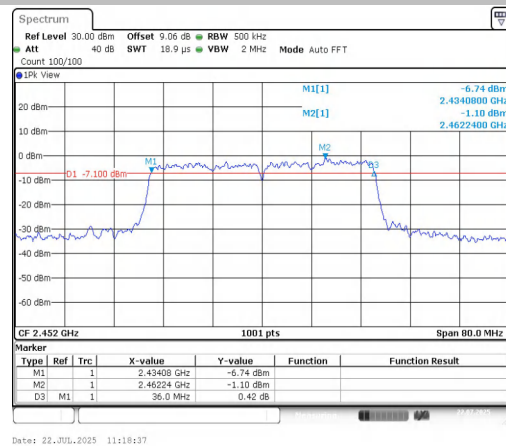
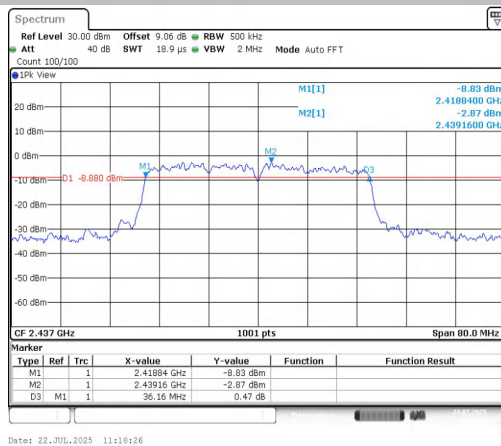
11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



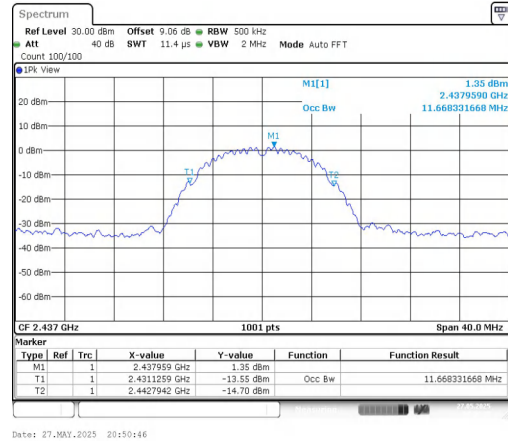
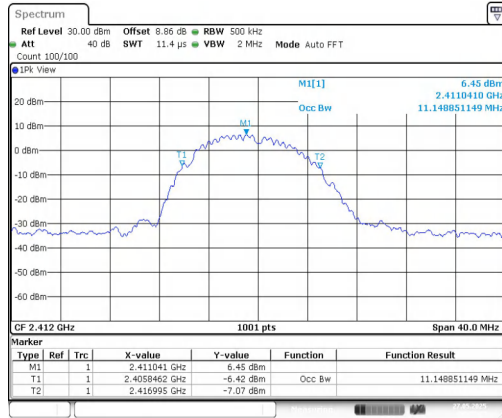
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.149	2405.8462	2416.9950	---	---
11B	Ant1	2437	11.668	2431.1259	2442.7942	---	---
11B	Ant1	2462	11.508	2456.3257	2467.8342	---	---
11G	Ant1	2412	16.783	2403.6484	2420.4316	---	---
11G	Ant1	2437	16.863	2428.5684	2445.4316	---	---
11G	Ant1	2462	16.943	2453.5285	2470.4715	---	---
11N20SISO	Ant1	2412	17.702	2403.1688	2420.8711	---	---
11N20SISO	Ant1	2437	17.782	2428.1289	2445.9111	---	---
11N20SISO	Ant1	2462	17.702	2453.1688	2470.8711	---	---
11N40SISO	Ant1	2422	36.204	2403.9381	2440.1419	---	---
11N40SISO	Ant1	2437	36.523	2418.7782	2455.3017	---	---
11N40SISO	Ant1	2452	36.364	2433.9381	2470.3017	---	---

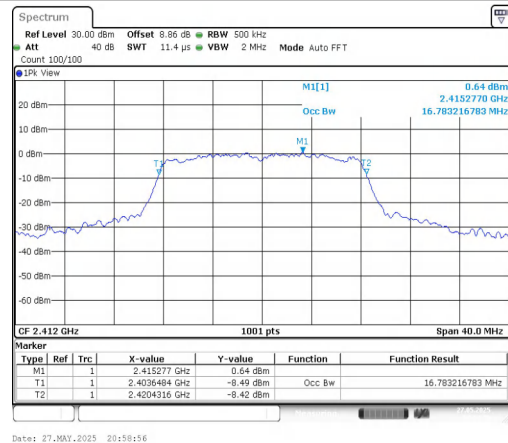
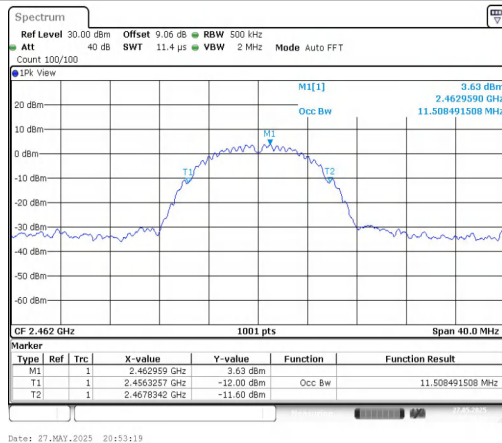


Test Graphs



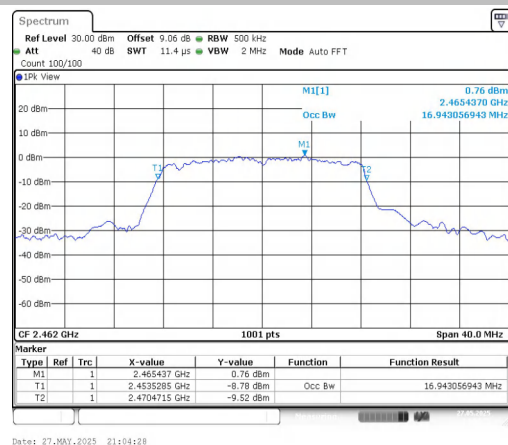
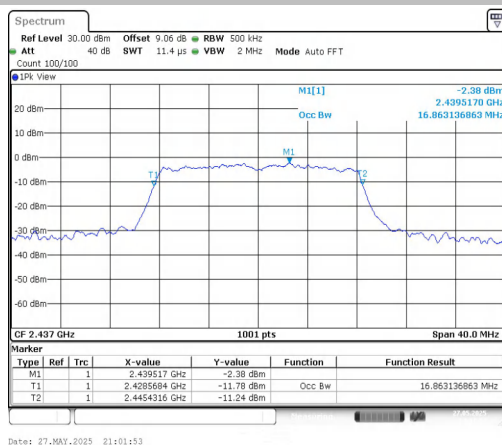
11B-Ant1-2412

11B-Ant1-2437



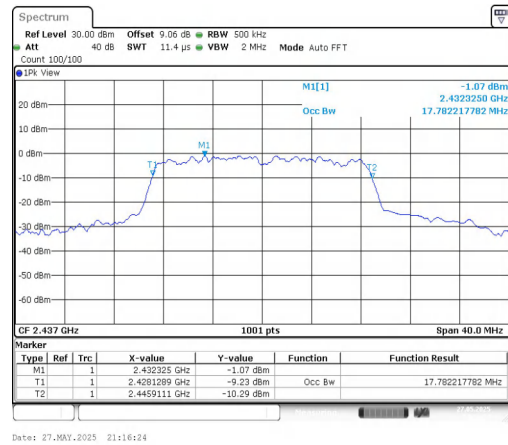
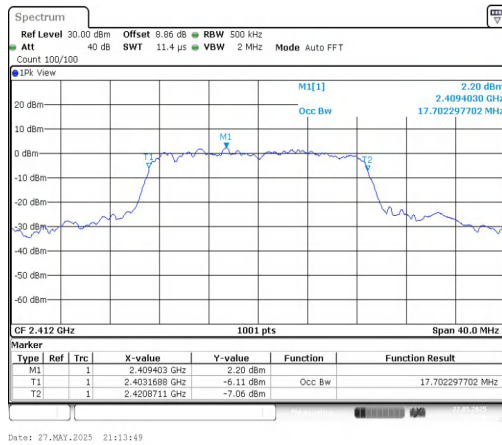
11B-Ant1-2462

11G-Ant1-2412



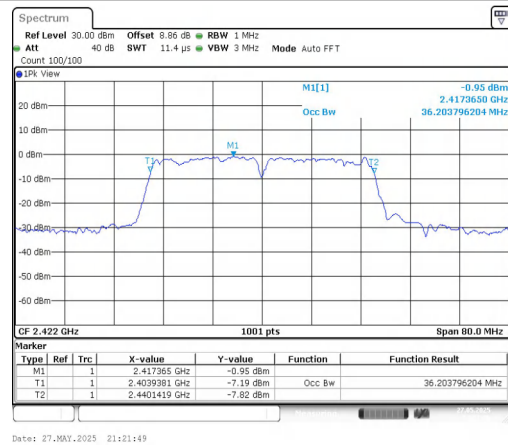
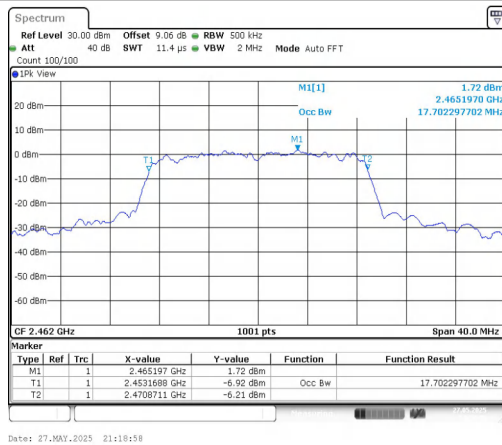
11G-Ant1-2437

11G-Ant1-2462



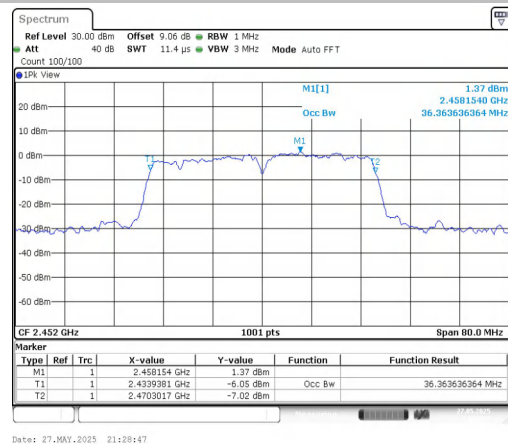
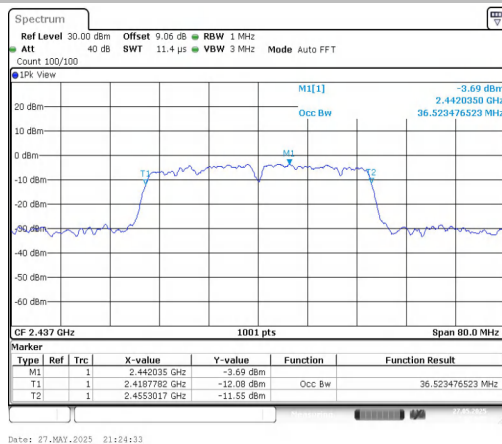
11N20SISO-Ant1-2412

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 Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	16.78	≤30.00	0.99	17.77	--	PASS
11B	Ant1	2437	11.87	≤30.00	0.99	12.86	--	PASS
11B	Ant1	2462	14.38	≤30.00	0.99	15.37	--	PASS
11G	Ant1	2412	15.20	≤30.00	0.99	16.19	--	PASS
11G	Ant1	2437	12.49	≤30.00	0.99	13.48	--	PASS
11G	Ant1	2462	14.93	≤30.00	0.99	15.92	--	PASS
11N20SISO	Ant1	2412	15.90	≤30.00	0.99	16.89	--	PASS
11N20SISO	Ant1	2437	13.37	≤30.00	0.99	14.36	--	PASS
11N20SISO	Ant1	2462	15.77	≤30.00	0.99	16.76	--	PASS
11N40SISO	Ant1	2422	13.85	≤30.00	0.99	14.84	--	PASS
11N40SISO	Ant1	2437	10.46	≤30.00	0.99	11.45	--	PASS
11N40SISO	Ant1	2452	15.13	≤30.00	0.99	16.12	--	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	13.06	0.02	13.08	≤30.00	0.99	14.07	--	PASS
11B	Ant1	2437	7.98	0.03	8.01	≤30.00	0.99	9.00	--	PASS
11B	Ant1	2462	10.49	0.03	10.52	≤30.00	0.99	11.51	--	PASS
11G	Ant1	2412	6.61	0.16	6.77	≤30.00	0.99	7.76	--	PASS
11G	Ant1	2437	3.91	0.16	4.07	≤30.00	0.99	5.06	--	PASS
11G	Ant1	2462	6.14	0.19	6.33	≤30.00	0.99	7.32	--	PASS
11N20SISO	Ant1	2412	7.06	0.22	7.28	≤30.00	0.99	8.27	--	PASS
11N20SISO	Ant1	2437	4.57	0.22	4.79	≤30.00	0.99	5.78	--	PASS
11N20SISO	Ant1	2462	6.73	0.22	6.95	≤30.00	0.99	7.94	--	PASS
11N40SISO	Ant1	2422	4.80	0.36	5.16	≤30.00	0.99	6.15	--	PASS
11N40SISO	Ant1	2437	1.77	0.36	2.13	≤30.00	0.99	3.12	--	PASS
11N40SISO	Ant1	2452	6.03	0.36	6.39	≤30.00	0.99	7.38	--	PASS

AV Power [dBm]= Reading power +DC Factor



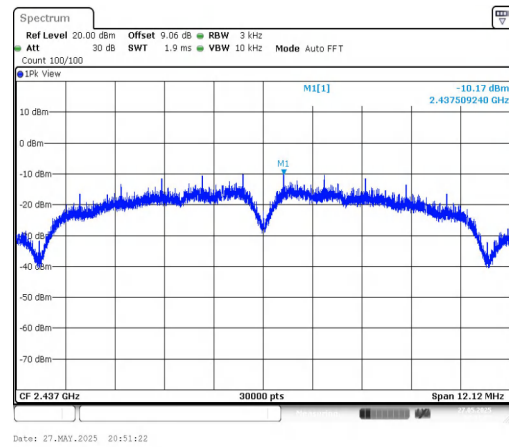
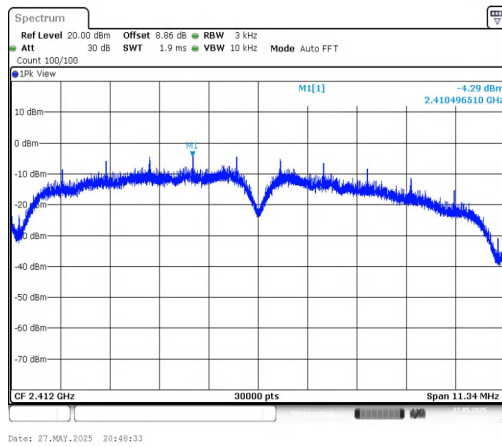
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.29	≤8.00	PASS
11B	Ant1	2437	-10.17	≤8.00	PASS
11B	Ant1	2462	-7.96	≤8.00	PASS
11G	Ant1	2412	-17.47	≤8.00	PASS
11G	Ant1	2437	-19.76	≤8.00	PASS
11G	Ant1	2462	-17.87	≤8.00	PASS
11N20SISO	Ant1	2412	-17.14	≤8.00	PASS
11N20SISO	Ant1	2437	-19.98	≤8.00	PASS
11N20SISO	Ant1	2462	-17.12	≤8.00	PASS
11N40SISO	Ant1	2422	-22.34	≤8.00	PASS
11N40SISO	Ant1	2437	-25.96	≤8.00	PASS
11N40SISO	Ant1	2452	-21.13	≤8.00	PASS

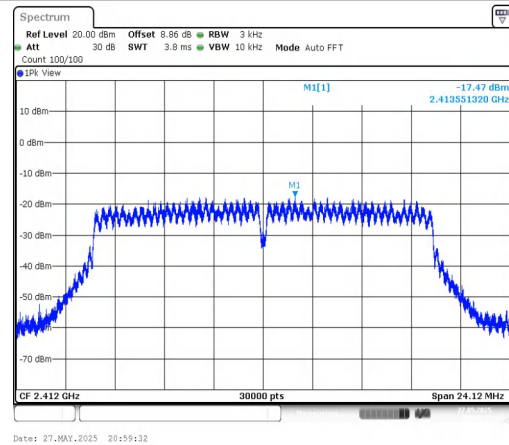
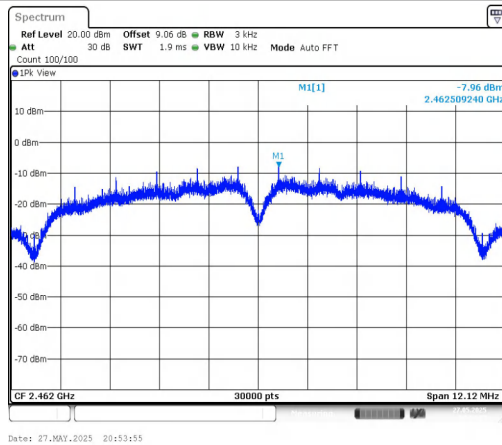


Test Graphs



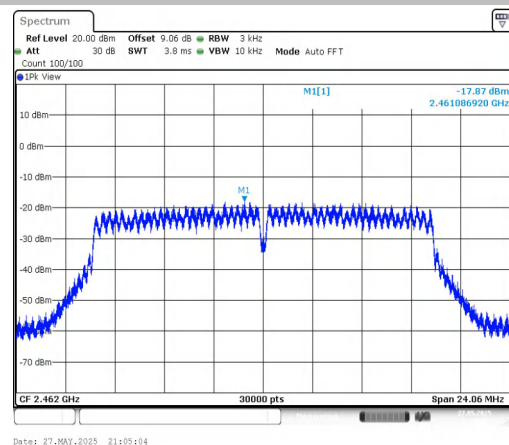
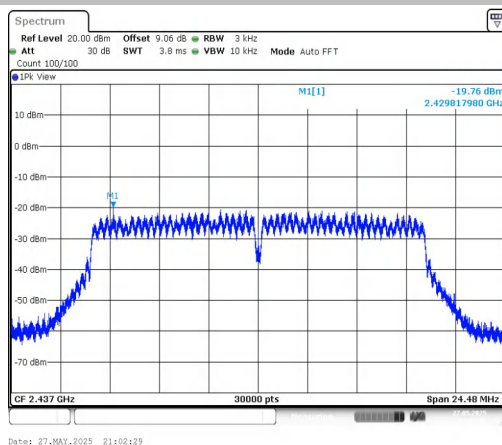
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



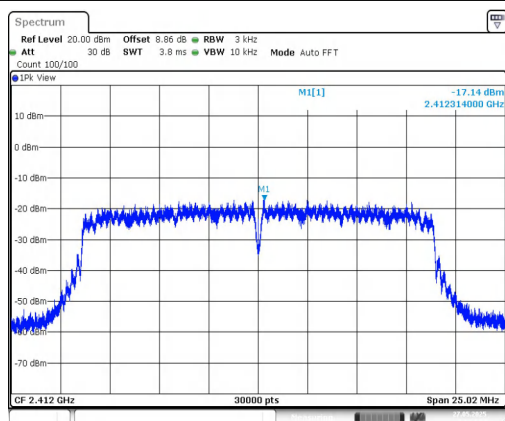
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

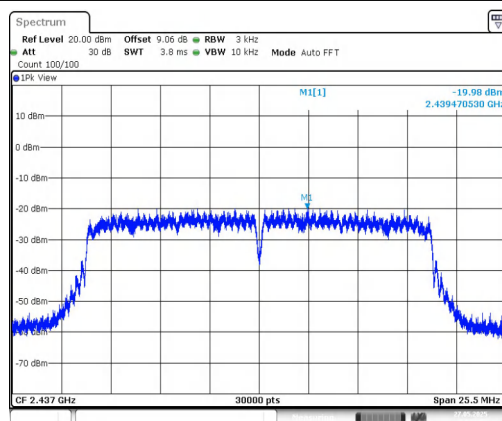


11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



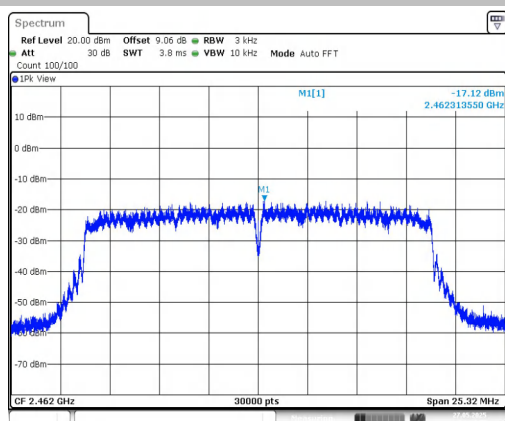
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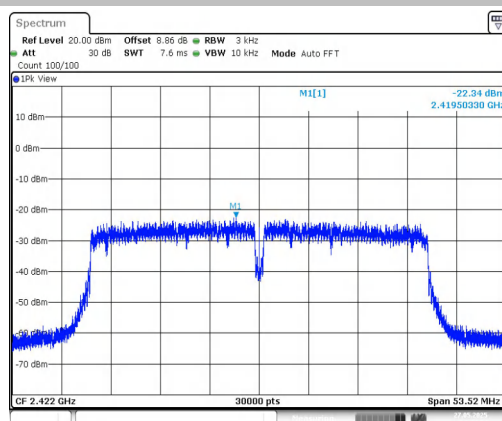
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11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



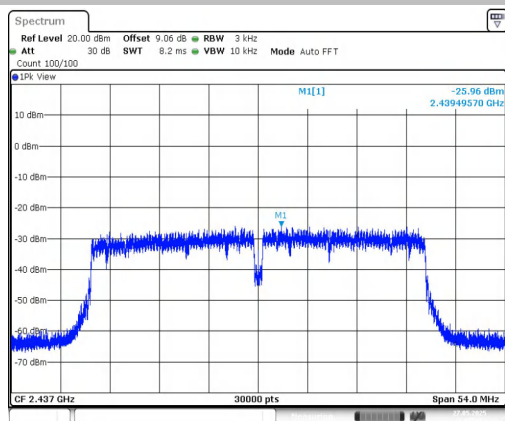
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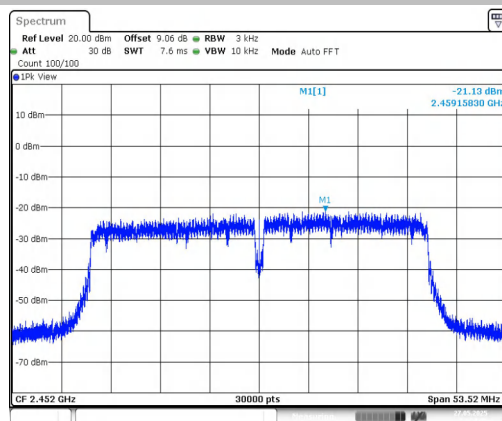
Date: 27.MAY.2025 21:22:24

11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



Date: 27.MAY.2025 21:25:08



Date: 27.MAY.2025 21:29:23

11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



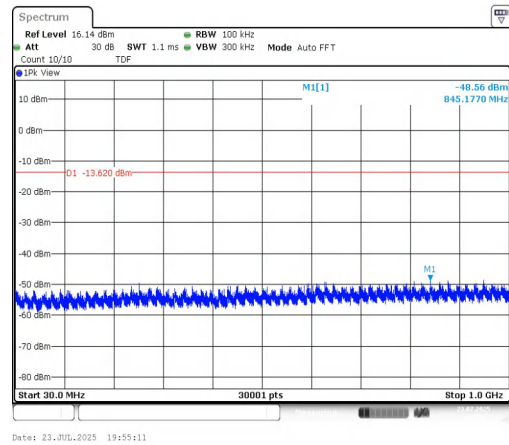
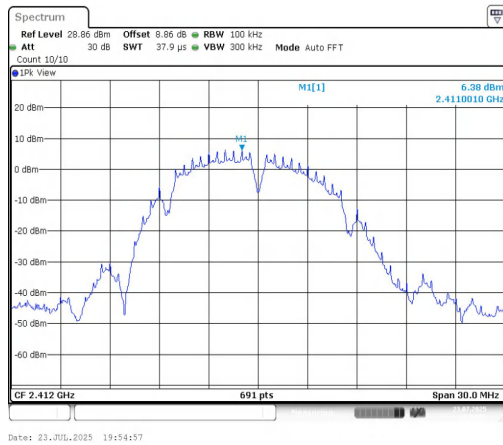
Appendix E: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.38	6.38	---	PASS
11B	Ant1	2412	30~1000	6.38	-48.56	≤-13.62	PASS
11B	Ant1	2412	1000~26500	6.38	-32.74	≤-13.62	PASS
11B	Ant1	2437	0~Reference	2.60	2.60	---	PASS
11B	Ant1	2437	30~1000	2.60	-48.13	≤-17.4	PASS
11B	Ant1	2437	1000~26500	2.60	-32.77	≤-17.4	PASS
11B	Ant1	2462	0~Reference	6.03	6.03	---	PASS
11B	Ant1	2462	30~1000	6.03	-48.6	≤-13.97	PASS
11B	Ant1	2462	1000~26500	6.03	-33.39	≤-13.97	PASS
11G	Ant1	2412	0~Reference	5.13	5.13	---	PASS
11G	Ant1	2412	30~1000	5.13	-49.17	≤-14.87	PASS
11G	Ant1	2412	1000~26500	5.13	-32.36	≤-14.87	PASS
11G	Ant1	2437	0~Reference	1.60	1.60	---	PASS
11G	Ant1	2437	30~1000	1.60	-47.55	≤-18.4	PASS
11G	Ant1	2437	1000~26500	1.60	-33.43	≤-18.4	PASS
11G	Ant1	2462	0~Reference	4.56	4.56	---	PASS
11G	Ant1	2462	30~1000	4.56	-48.66	≤-15.44	PASS
11G	Ant1	2462	1000~26500	4.56	-32.54	≤-15.44	PASS
11N20SISO	Ant1	2412	0~Reference	4.93	4.93	---	PASS
11N20SISO	Ant1	2412	30~1000	4.93	-48.52	≤-15.07	PASS
11N20SISO	Ant1	2412	1000~26500	4.93	-33.17	≤-15.07	PASS
11N20SISO	Ant1	2437	0~Reference	-1.45	-1.45	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.45	-48.72	≤-21.45	PASS
11N20SISO	Ant1	2437	1000~26500	-1.45	-33.12	≤-21.45	PASS
11N20SISO	Ant1	2462	0~Reference	-0.11	-0.11	---	PASS
11N20SISO	Ant1	2462	30~1000	-0.11	-48.07	≤-20.11	PASS
11N20SISO	Ant1	2462	1000~26500	-0.11	-32.65	≤-20.11	PASS
11N40SISO	Ant1	2422	0~Reference	-3.49	-3.49	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.49	-49.1	≤-23.49	PASS
11N40SISO	Ant1	2422	1000~26500	-3.49	-32.53	≤-23.49	PASS
11N40SISO	Ant1	2437	0~Reference	-4.59	-4.59	---	PASS
11N40SISO	Ant1	2437	30~1000	-4.59	-44.36	≤-24.59	PASS
11N40SISO	Ant1	2437	1000~26500	-4.59	-31.86	≤-24.59	PASS
11N40SISO	Ant1	2452	0~Reference	-3.03	-3.03	---	PASS
11N40SISO	Ant1	2452	30~1000	-3.03	-48.92	≤-23.03	PASS
11N40SISO	Ant1	2452	1000~26500	-3.03	-33.05	≤-23.03	PASS

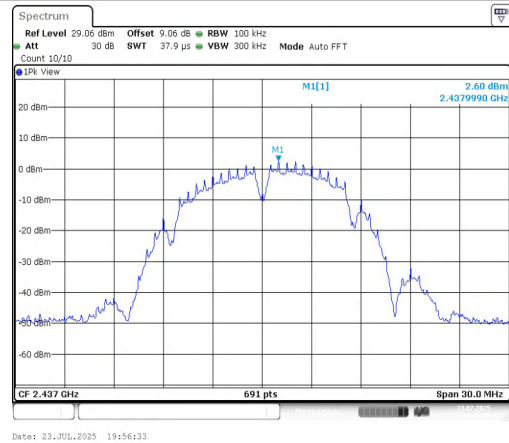
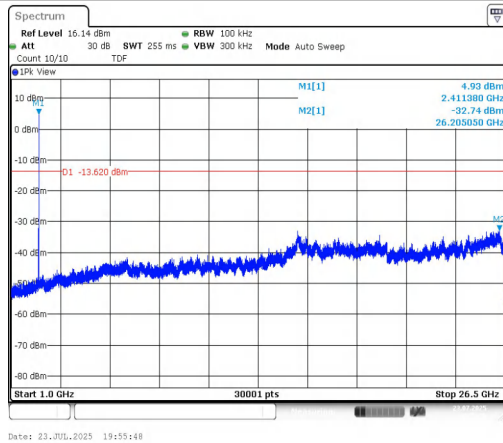


Test Graphs



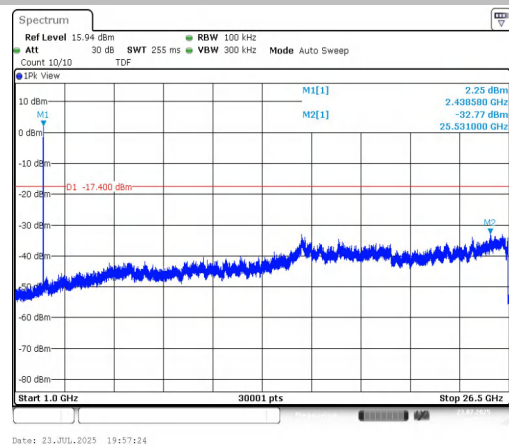
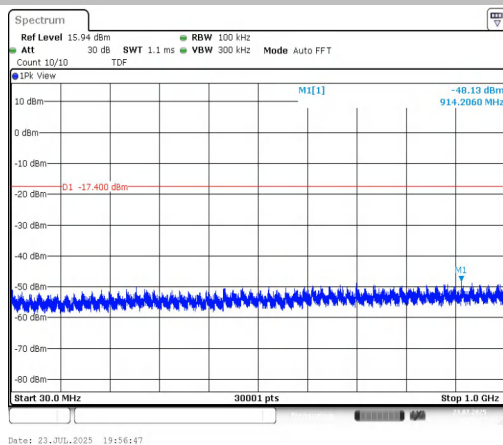
11B-Ant1-2412-0~Reference-PASS

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



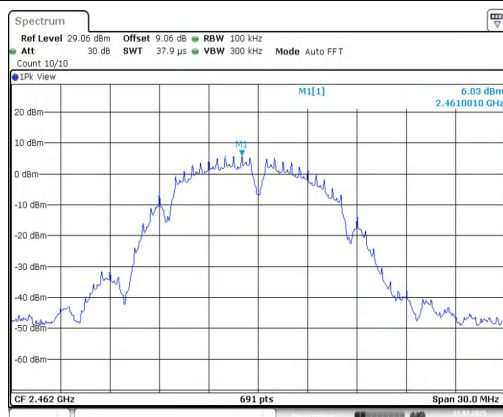
11B-Ant1-2412-1000~26500-PASS

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

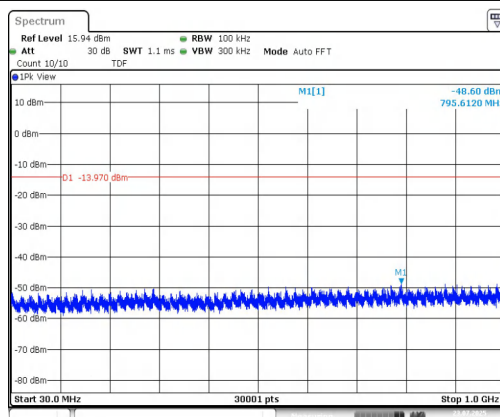


11B-Ant1-2437-30~1000-PASS

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



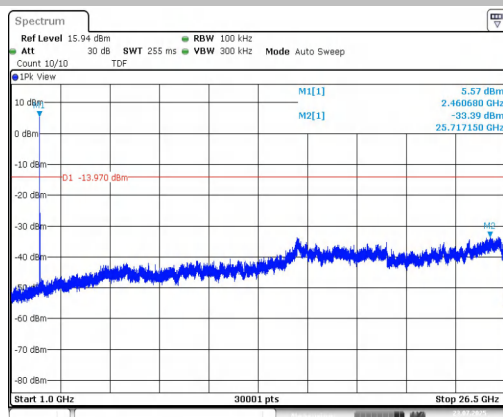
Date: 23.JUL.2025 19:58:58



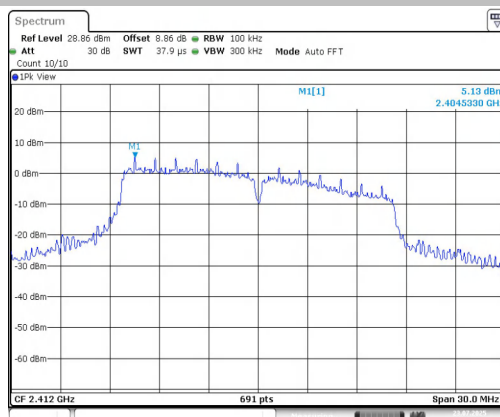
Date: 23.JUL.2025 19:59:12

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

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



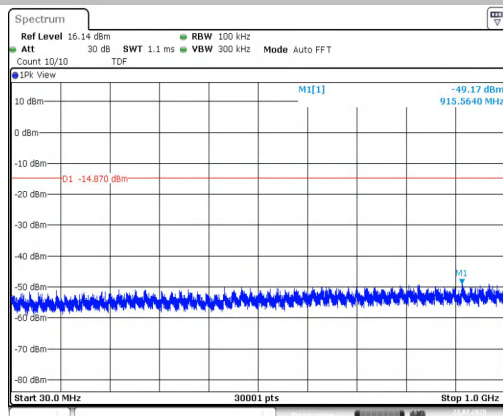
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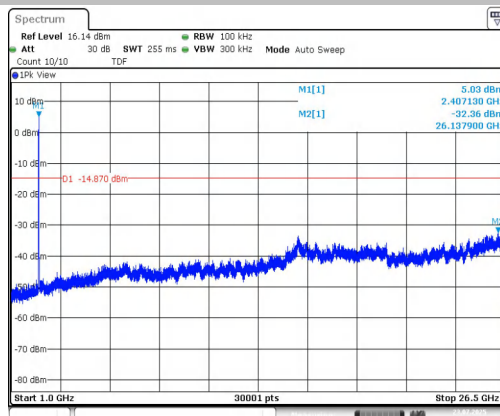
Date: 23.JUL.2025 20:00:41

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

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



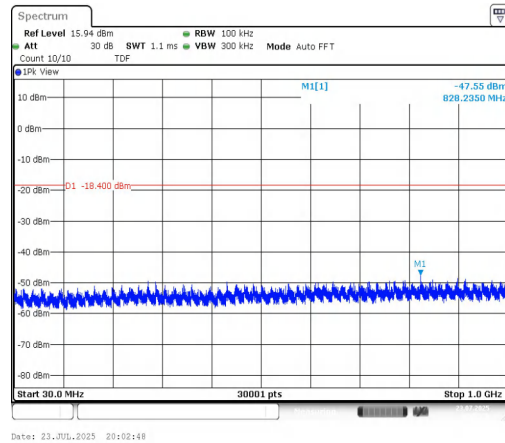
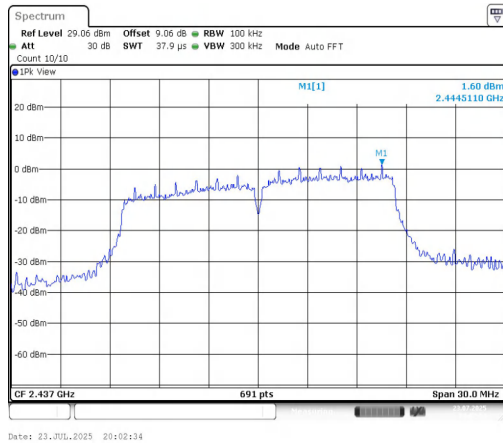
Date: 23.JUL.2025 20:00:55



Date: 23.JUL.2025 20:01:32

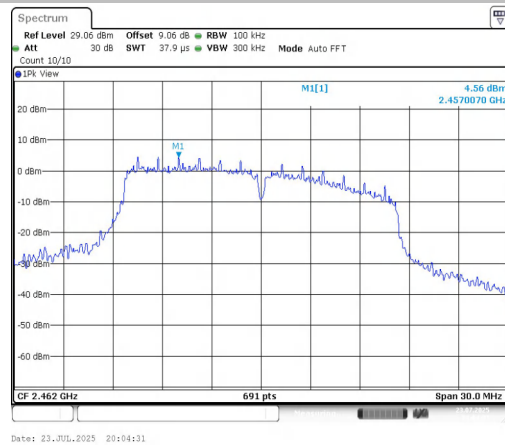
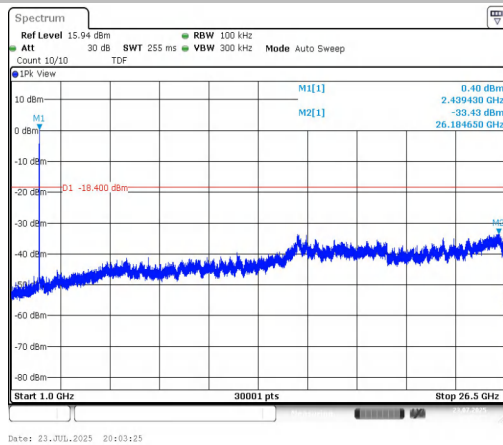
11G-Ant1-2412-30~1000-PASS

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



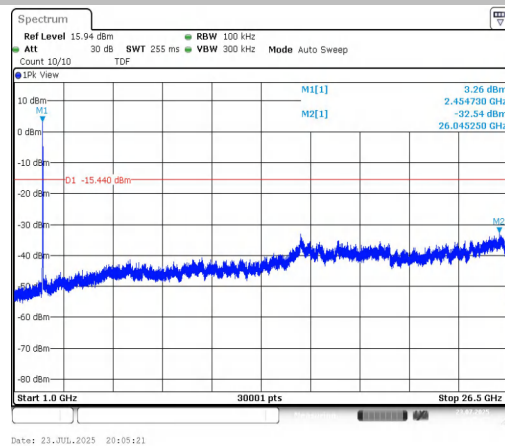
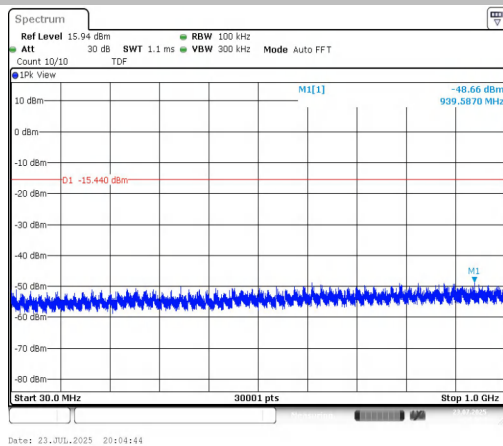
11G-Ant1-2437-0~Reference-PASS

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



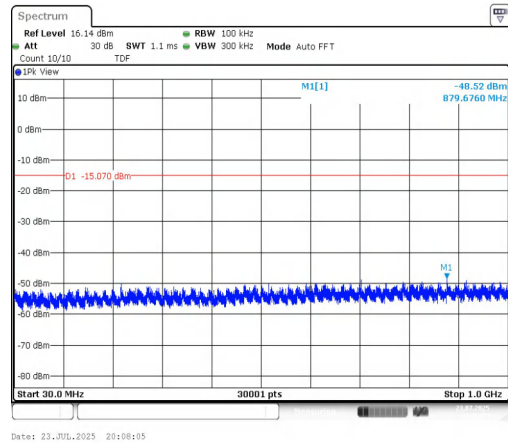
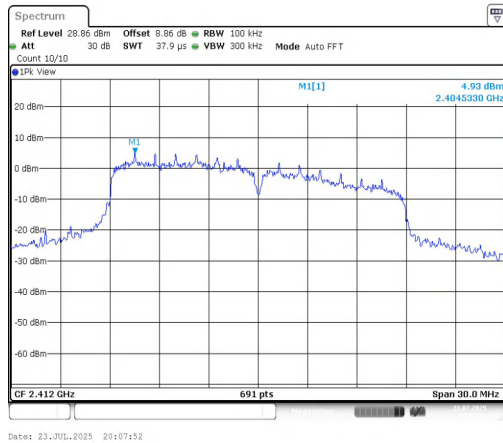
11G-Ant1-2437-1000~26500-PASS

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



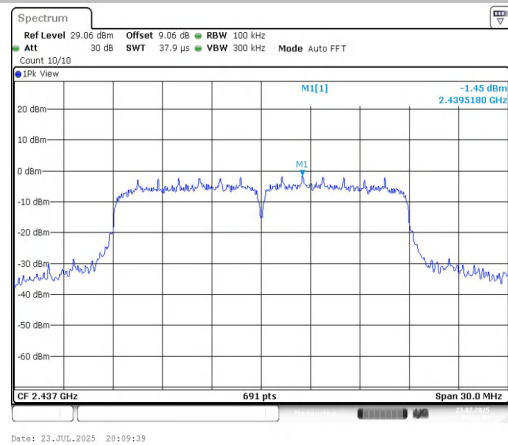
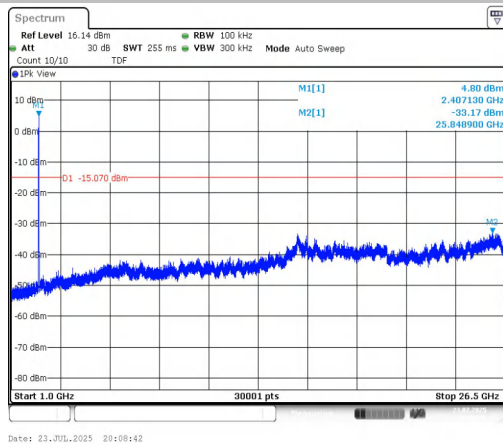
11G-Ant1-2462-30~1000-PASS

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



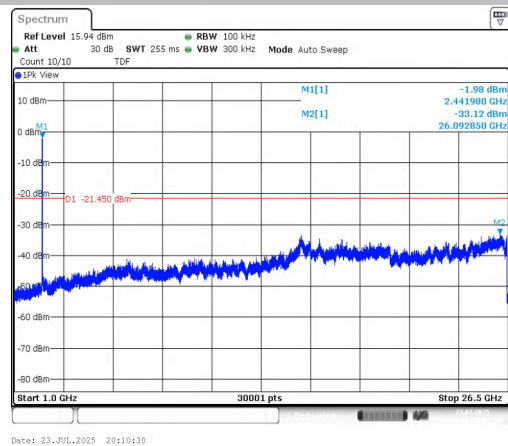
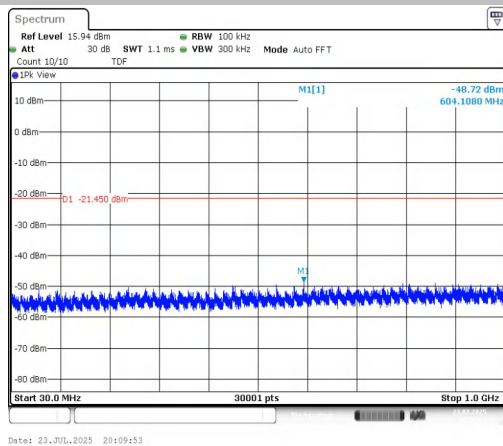
11N20SISO-Ant1-2412-0~Reference-PASS

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



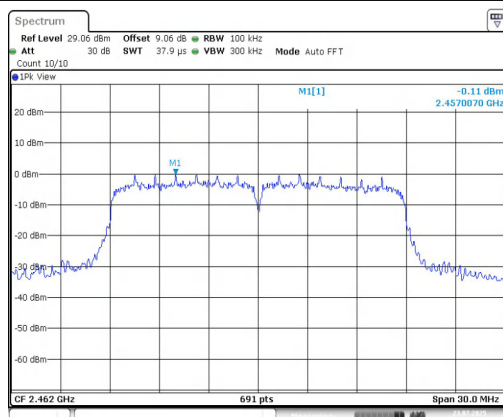
11N20SISO-Ant1-2412-1000~26500-PASS

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

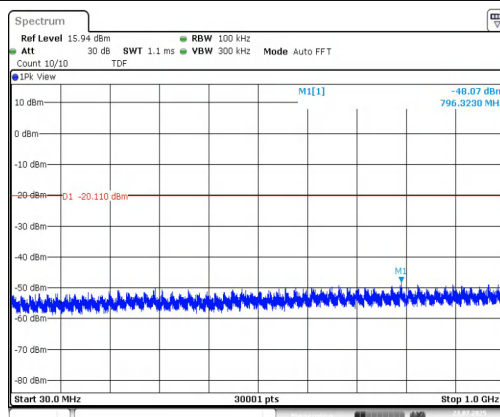


11N20SISO-Ant1-2437-30~1000-PASS

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



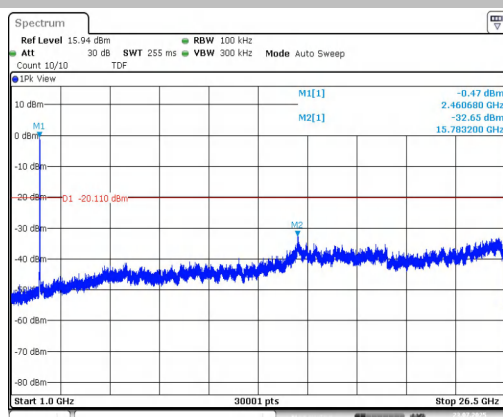
Date: 23-JUL-2025 20:11:00



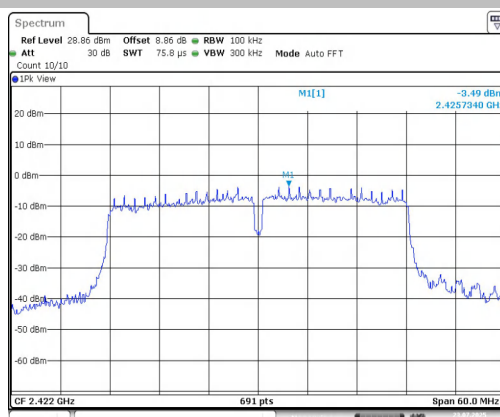
Date: 23-JUL-2025 20:11:13

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

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



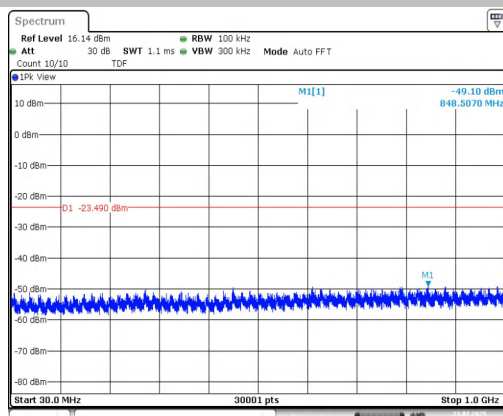
Date: 23-JUL-2025 20:11:51



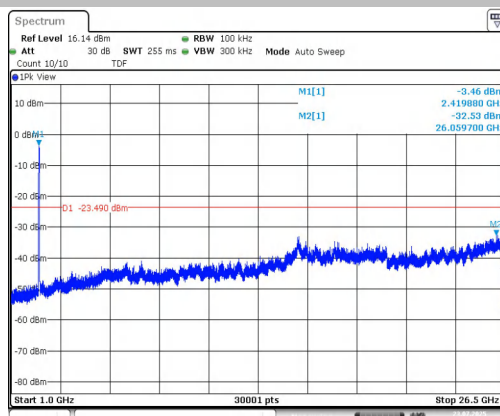
Date: 23-JUL-2025 20:12:10

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

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



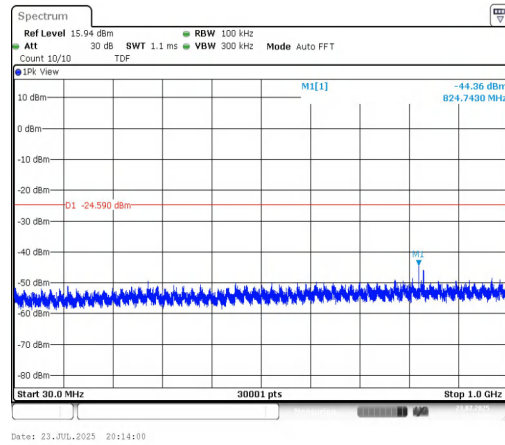
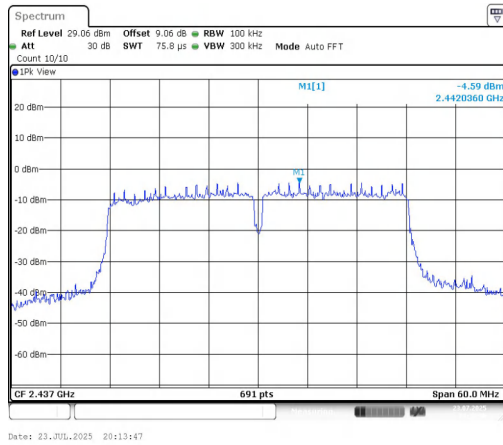
Date: 23-JUL-2025 20:12:43



Date: 23-JUL-2025 20:13:20

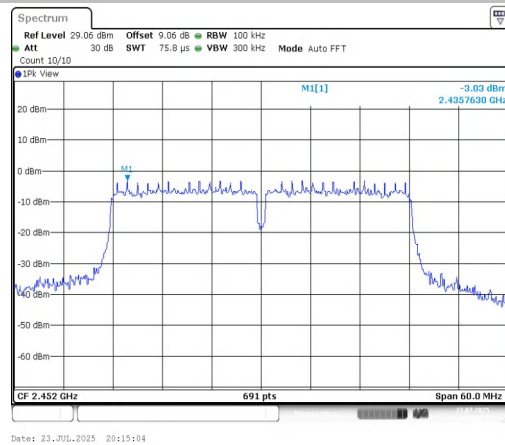
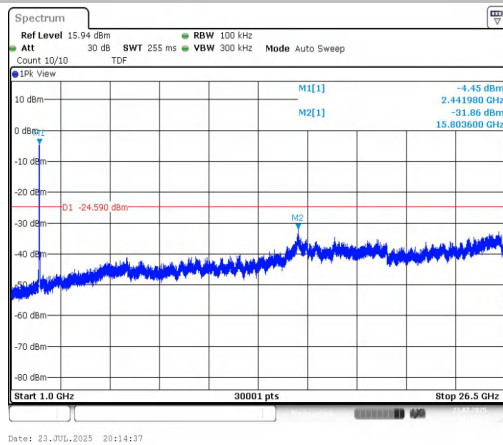
11N40SISO-Ant1-2422-30~1000-PASS

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



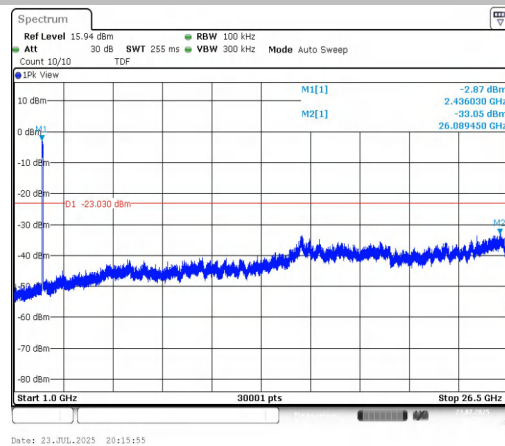
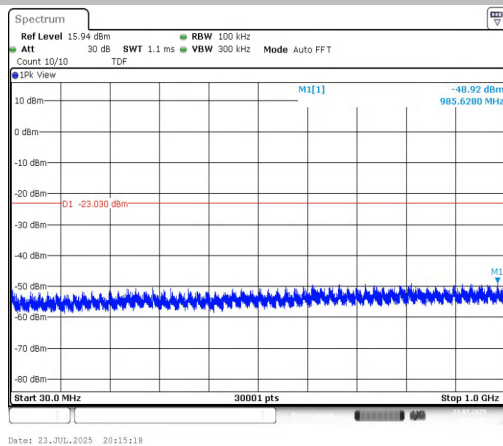
11N40SISO-Ant1-2437-0~Reference-PASS

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



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

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



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

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



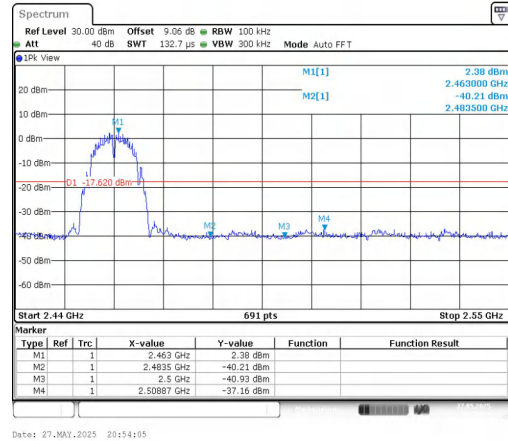
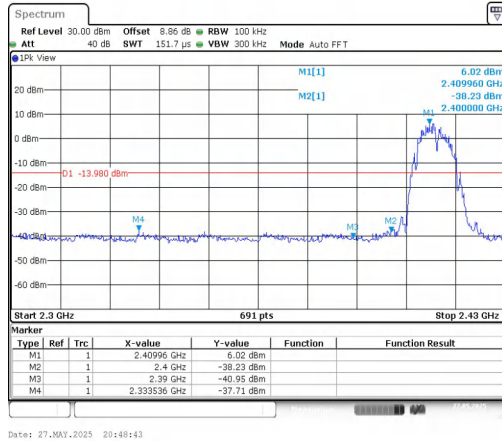
Appendix F: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.02	-37.71	≤ -13.98	PASS
11B	Ant1	High	2462	2.38	-37.16	≤ -17.62	PASS
11G	Ant1	Low	2412	-3.83	-34.72	≤ -23.83	PASS
11G	Ant1	High	2462	-4.68	-36.5	≤ -24.68	PASS
11N20SISO	Ant1	Low	2412	-3.77	-34.23	≤ -23.77	PASS
11N20SISO	Ant1	High	2462	-3.55	-37.17	≤ -23.55	PASS
11N40SISO	Ant1	Low	2422	-8.48	-37.85	≤ -28.48	PASS
11N40SISO	Ant1	High	2452	-7.24	-36.04	≤ -27.24	PASS

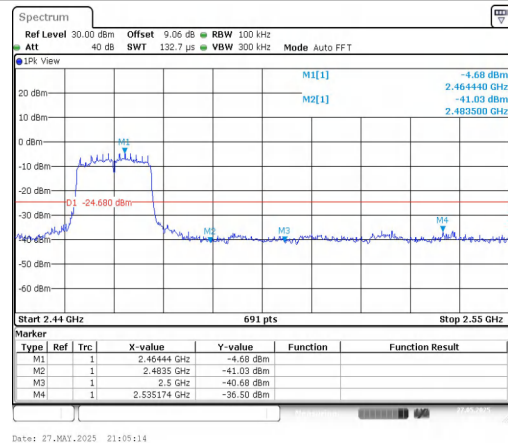
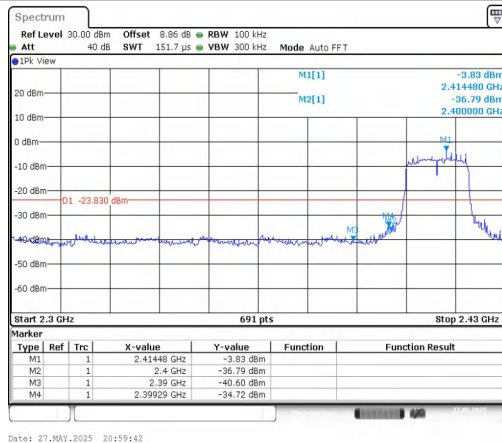


Test Graphs



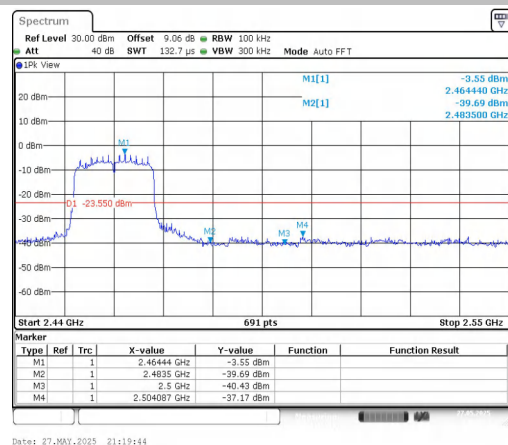
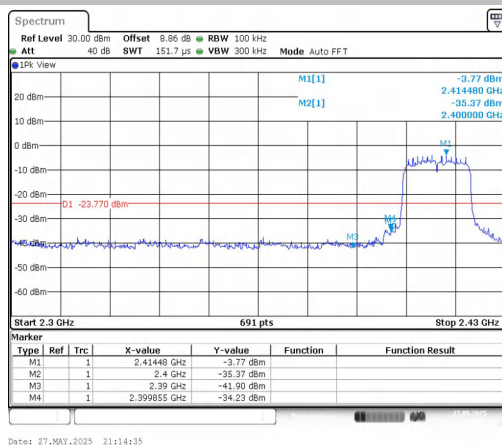
11B-Ant1-2412-PASS

11B-Ant1-2462-PASS



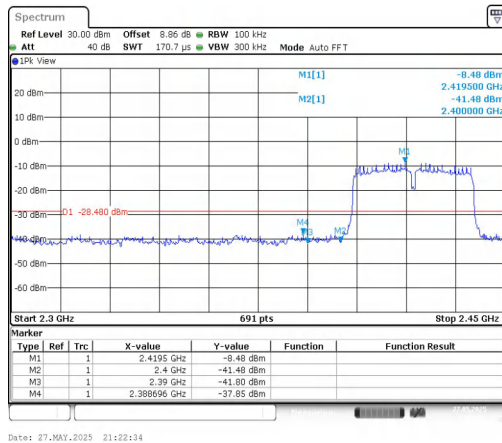
11G-Ant1-2412-PASS

11G-Ant1-2462-PASS

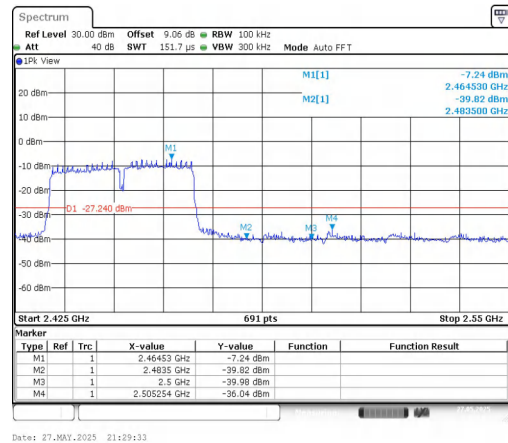


11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



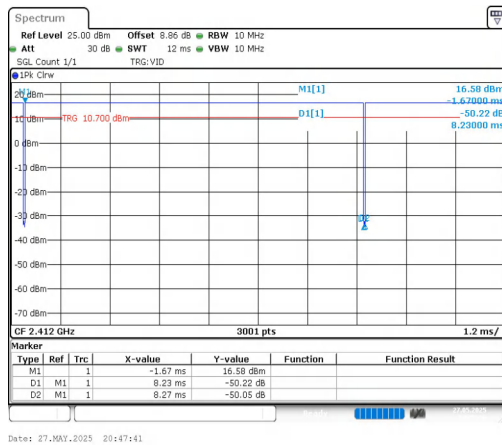
Appendix G: Duty Cycle

Test Result

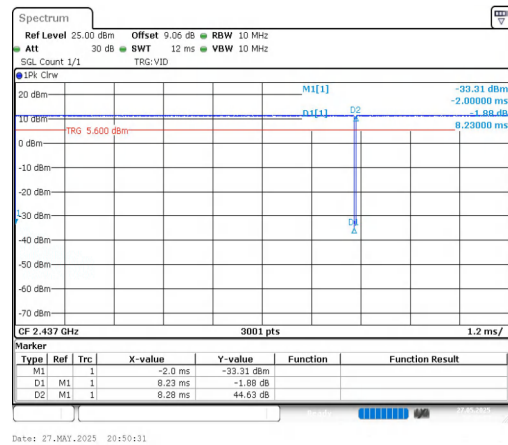
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B	Ant1	2412	8.23	8.27	99.52	0.02
11B	Ant1	2437	8.23	8.28	99.40	0.03
11B	Ant1	2462	8.22	8.27	99.40	0.03
11G	Ant1	2412	1.37	1.42	96.48	0.16
11G	Ant1	2437	1.36	1.41	96.45	0.16
11G	Ant1	2462	1.36	1.42	95.77	0.19
11N20SISO	Ant1	2412	1.15	1.21	95.04	0.22
11N20SISO	Ant1	2437	1.15	1.21	95.04	0.22
11N20SISO	Ant1	2462	1.15	1.21	95.04	0.22
11N40SISO	Ant1	2422	0.58	0.63	92.06	0.36
11N40SISO	Ant1	2437	0.58	0.63	92.06	0.36
11N40SISO	Ant1	2452	0.58	0.63	92.06	0.36



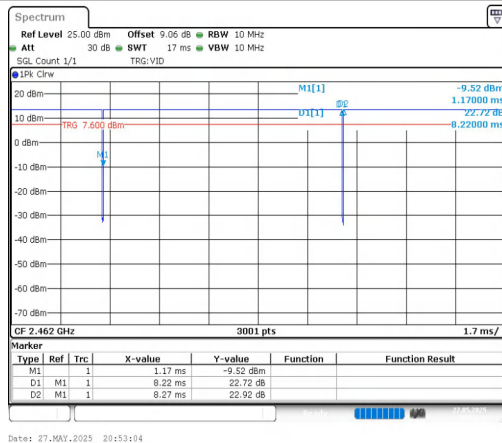
Test Graphs



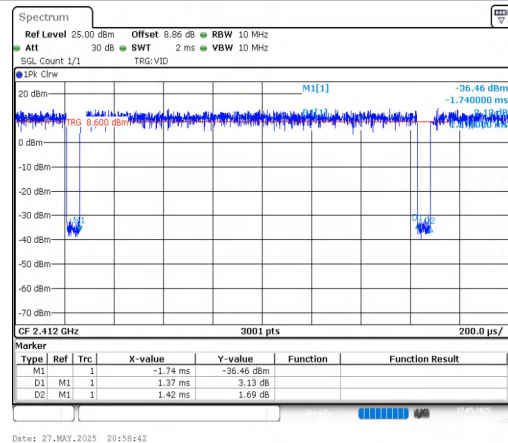
NTNV-11B-Ant1-2412



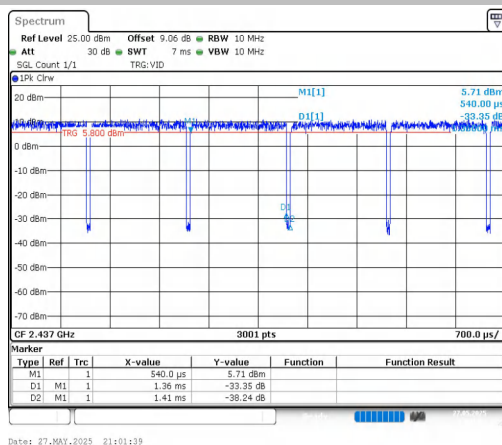
NTNV-11B-Ant1-2437



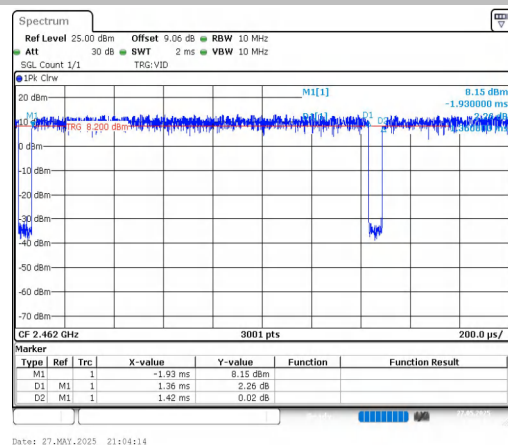
NTNV-11B-Ant1-2462



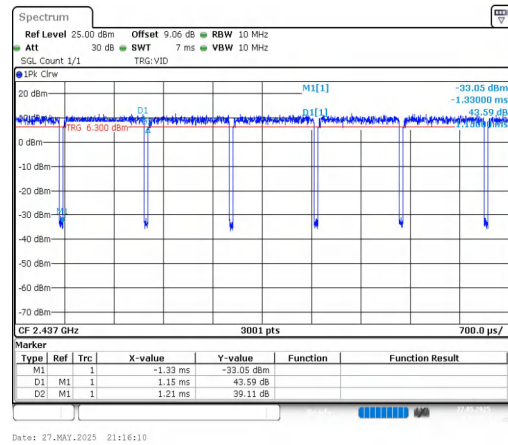
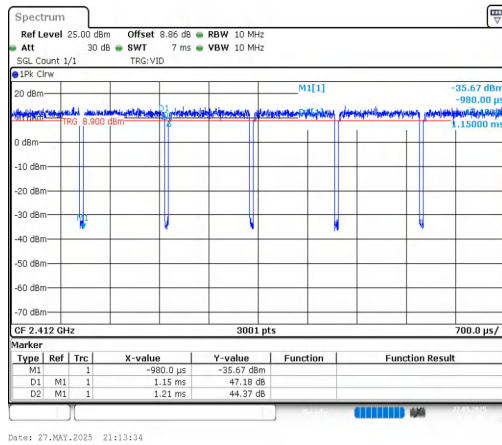
NTNV-11G-Ant1-2412



NTNV-11G-Ant1-2437

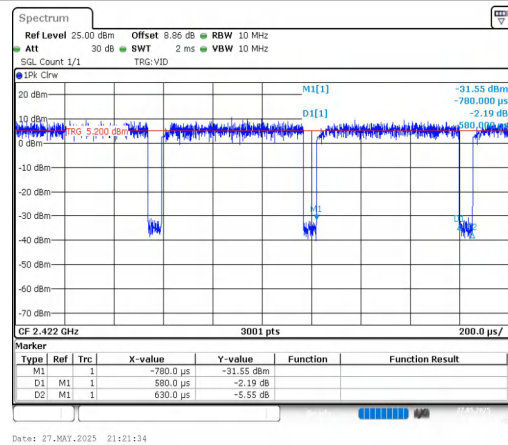
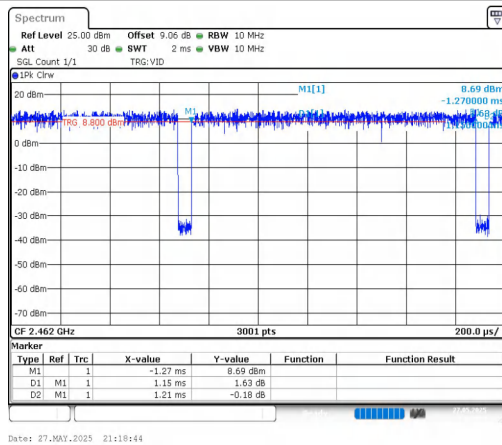


NTNV-11G-Ant1-2462



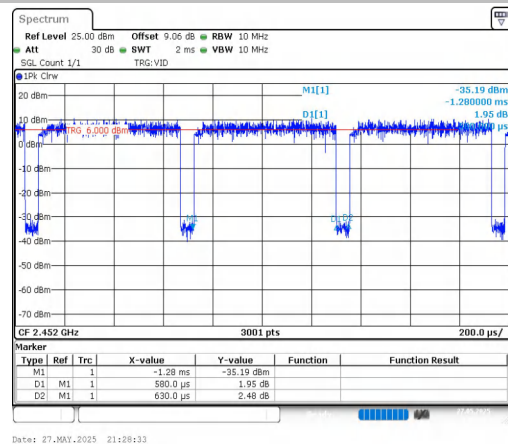
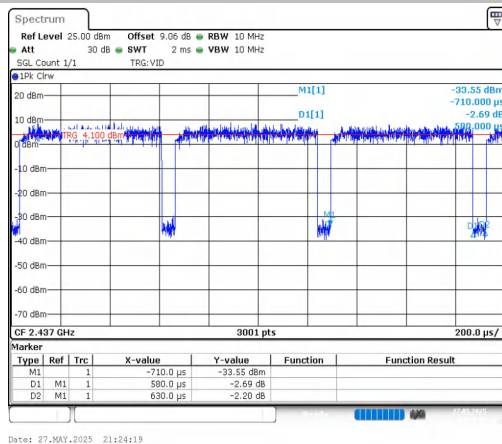
NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462

NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

NTNV-11N40SISO-Ant1-2452

END