



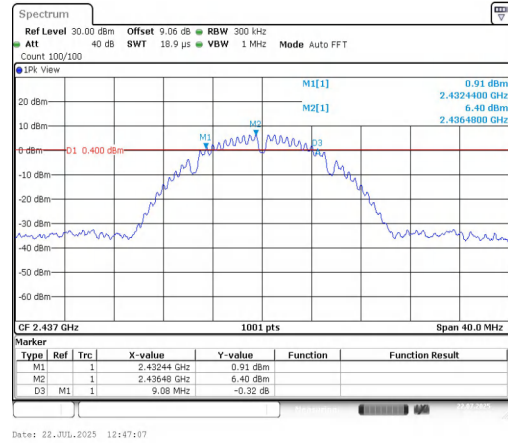
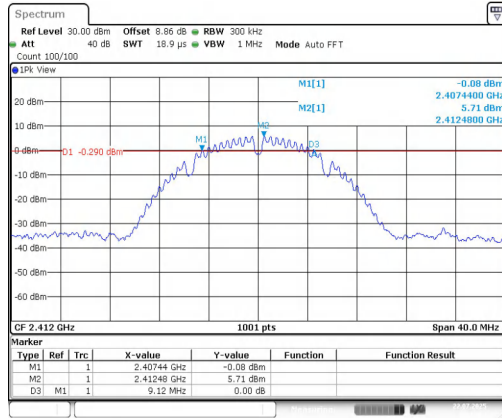
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.12	2407.44	2416.56	0.5	PASS
11B	Ant1	2437	9.08	2432.44	2441.52	0.5	PASS
11B	Ant1	2462	9.12	2457.44	2466.56	0.5	PASS
11G	Ant1	2412	16.20	2403.92	2420.12	0.5	PASS
11G	Ant1	2437	16.08	2429.00	2445.08	0.5	PASS
11G	Ant1	2462	16.16	2453.96	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.52	2403.24	2420.76	0.5	PASS
11N20SISO	Ant1	2437	17.28	2428.32	2445.60	0.5	PASS
11N20SISO	Ant1	2462	17.16	2453.48	2470.64	0.5	PASS
11N40SISO	Ant1	2422	35.44	2404.56	2440.00	0.5	PASS
11N40SISO	Ant1	2437	34.56	2419.64	2454.20	0.5	PASS
11N40SISO	Ant1	2452	35.68	2434.48	2470.16	0.5	PASS

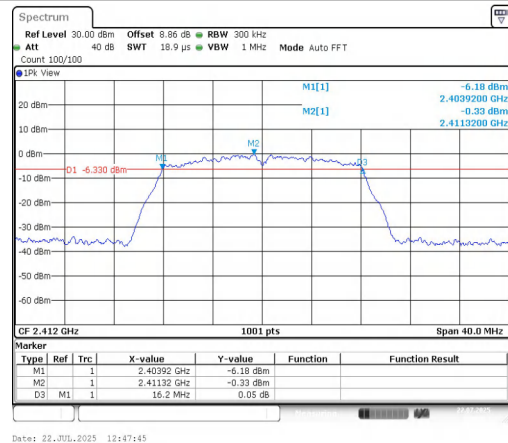
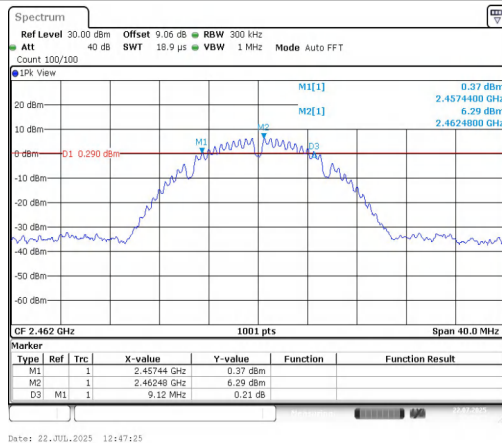


Test Graphs



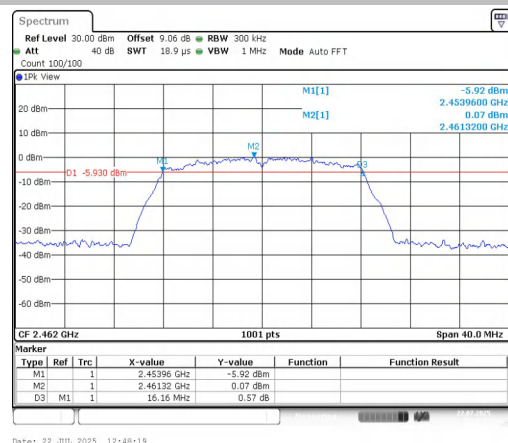
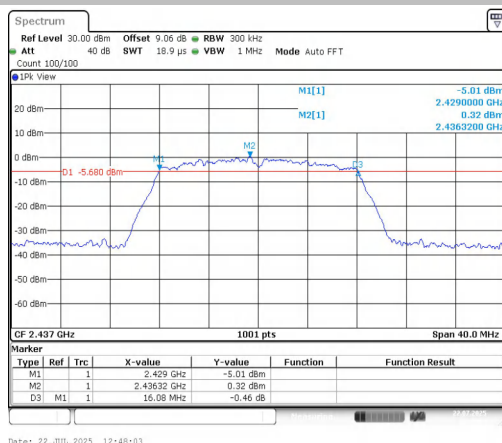
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



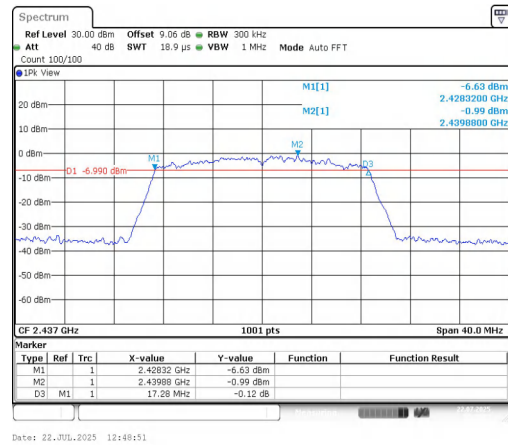
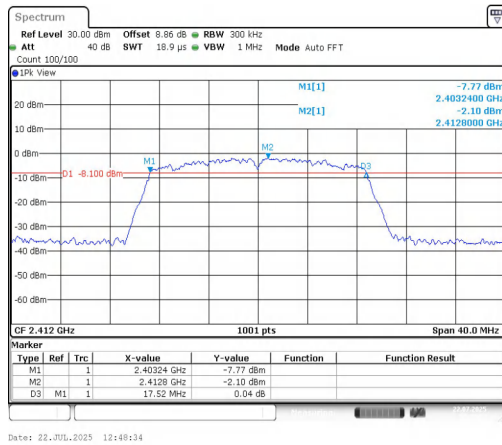
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



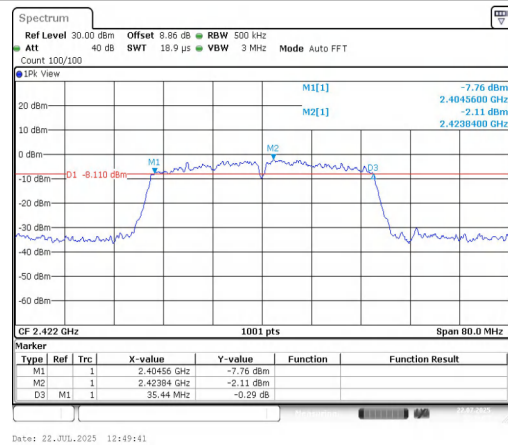
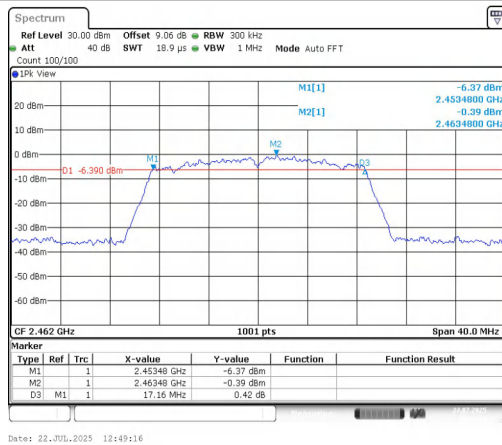
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



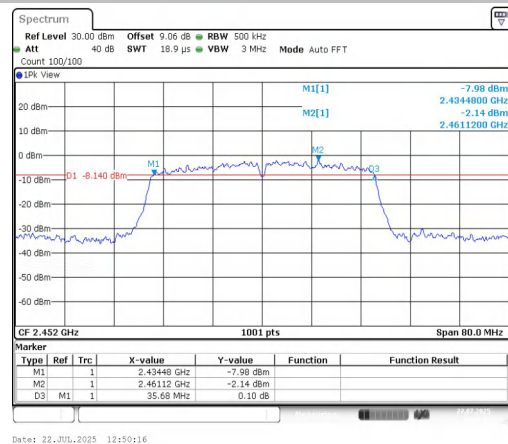
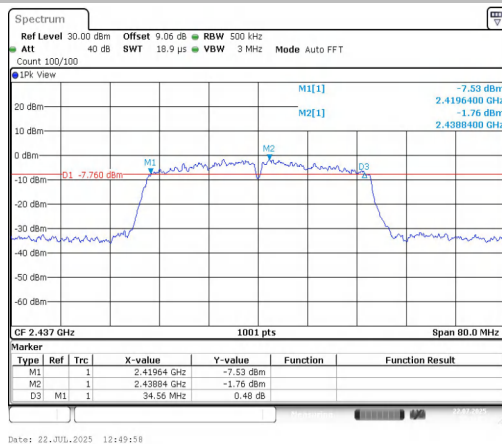
11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



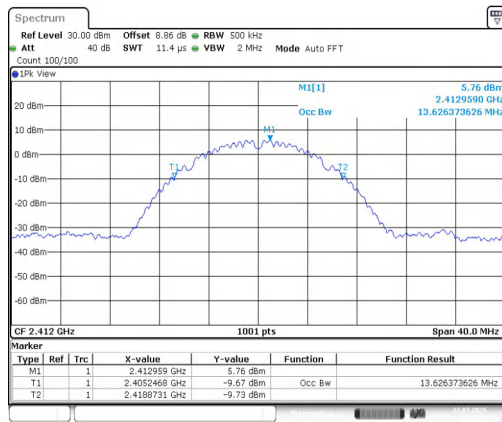
Appendix B: Occupied Channel Bandwidth

Test Result

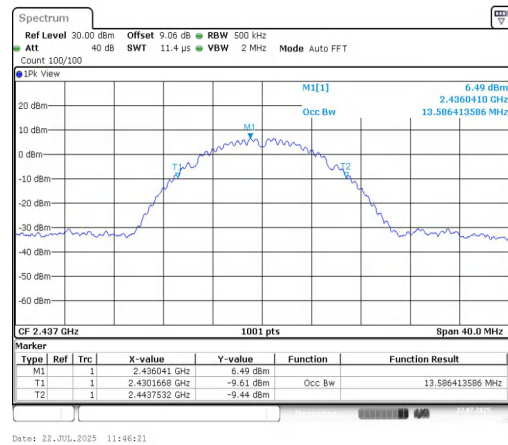
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.626	2405.2468	2418.8731	---	---
11B	Ant1	2437	13.586	2430.1668	2443.7532	---	---
11B	Ant1	2462	13.626	2455.2867	2468.9131	---	---
11G	Ant1	2412	16.983	2403.4486	2420.4316	---	---
11G	Ant1	2437	16.943	2428.5684	2445.5115	---	---
11G	Ant1	2462	17.263	2453.4086	2470.6713	---	---
11N20SISO	Ant1	2412	17.942	2403.0490	2420.9910	---	---
11N20SISO	Ant1	2437	17.902	2428.0090	2445.9111	---	---
11N20SISO	Ant1	2462	17.982	2453.0490	2471.0310	---	---
11N40SISO	Ant1	2422	36.284	2403.9381	2440.2218	---	---
11N40SISO	Ant1	2437	35.964	2419.0979	2455.0619	---	---
11N40SISO	Ant1	2452	36.523	2433.8581	2470.3816	---	---



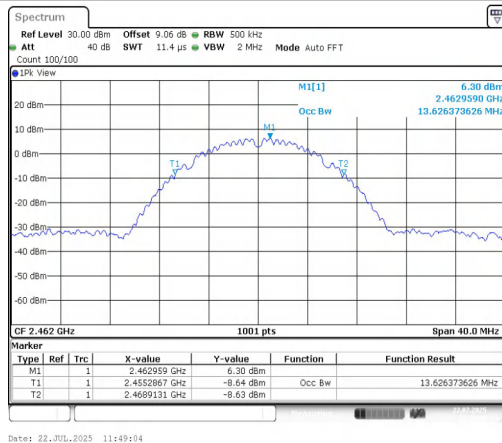
Test Graphs



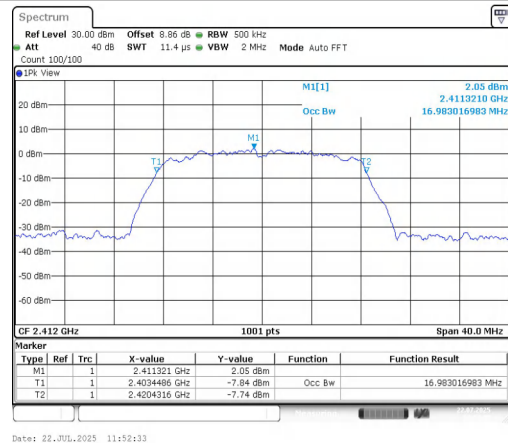
11B-Ant1-2412



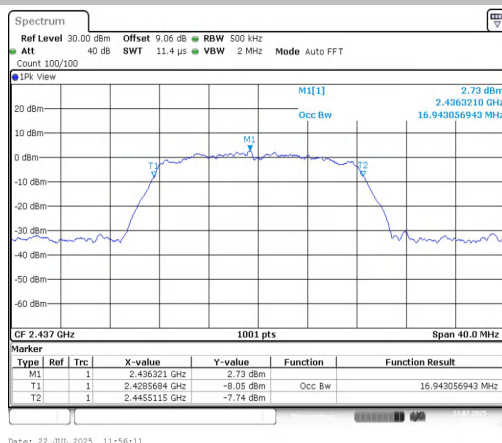
11B-Ant1-2437



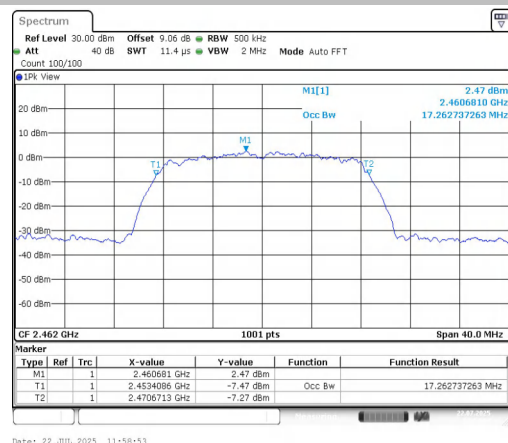
11B-Ant1-2462



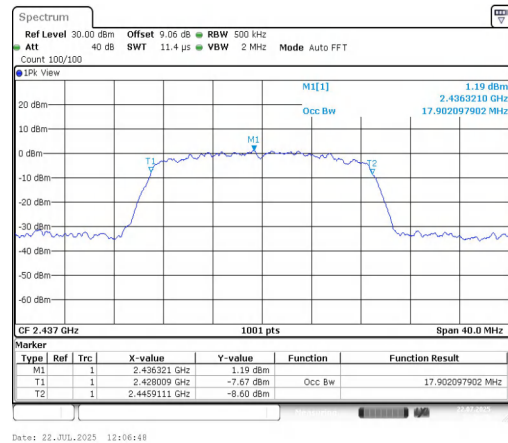
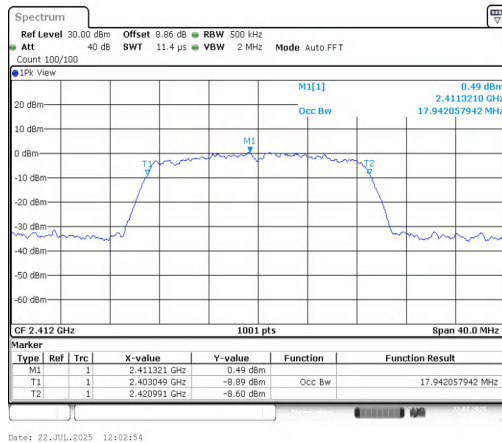
11G-Ant1-2412



11G-Ant1-2437

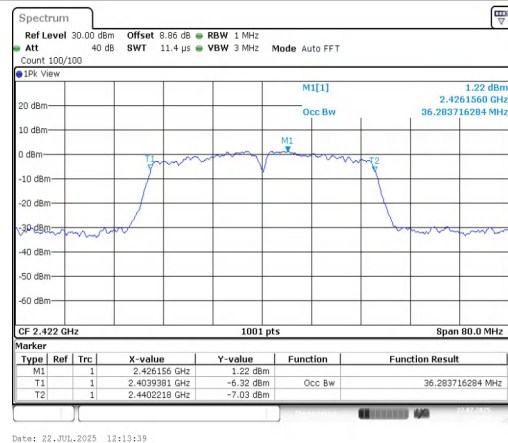
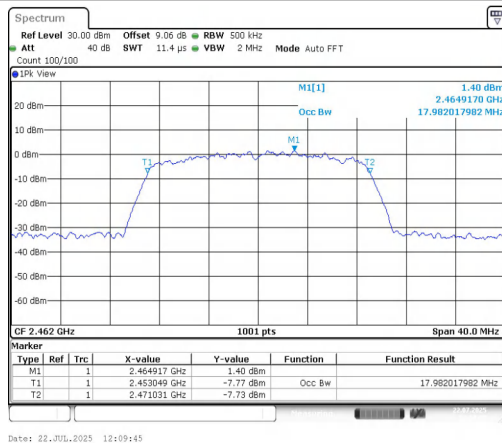


11G-Ant1-2462



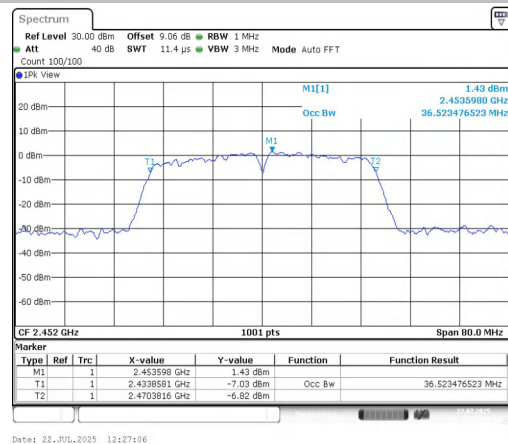
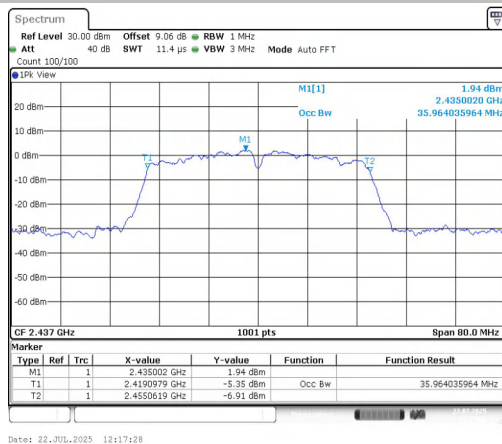
11N20SISO-Ant1-2412

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]	Verdict
11B	Ant1	2412	16.38	≤30.00	PASS
11B	Ant1	2437	17.27	≤30.00	PASS
11B	Ant1	2462	16.99	≤30.00	PASS
11G	Ant1	2412	16.30	≤30.00	PASS
11G	Ant1	2437	16.59	≤30.00	PASS
11G	Ant1	2462	16.85	≤30.00	PASS
11N20SISO	Ant1	2412	15.23	≤30.00	PASS
11N20SISO	Ant1	2437	15.73	≤30.00	PASS
11N20SISO	Ant1	2462	15.89	≤30.00	PASS
11N40SISO	Ant1	2422	15.25	≤30.00	PASS
11N40SISO	Ant1	2437	15.43	≤30.00	PASS
11N40SISO	Ant1	2452	15.35	≤30.00	PASS



Test Result Average

Test Mode	Antenna	Frequency [MHz]	Reading Power [dBm]	DC Factor [dB]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	Verdict
11B	Ant1	2412	13.41	0.02	13.43	≤30.00	2.90	PASS
11B	Ant1	2437	13.78	0.02	13.80	≤30.00	2.90	PASS
11B	Ant1	2462	13.70	0.02	13.72	≤30.00	2.90	PASS
11G	Ant1	2412	7.86	0.18	8.04	≤30.00	2.90	PASS
11G	Ant1	2437	7.81	0.15	7.96	≤30.00	2.90	PASS
11G	Ant1	2462	8.18	0.18	8.36	≤30.00	2.90	PASS
11N20SISO	Ant1	2412	6.68	0.20	6.88	≤30.00	2.90	PASS
11N20SISO	Ant1	2437	6.87	0.16	7.03	≤30.00	2.90	PASS
11N20SISO	Ant1	2462	7.11	0.16	7.27	≤30.00	2.90	PASS
11N40SISO	Ant1	2422	6.64	0.32	6.96	≤30.00	2.90	PASS
11N40SISO	Ant1	2437	6.79	0.32	7.11	≤30.00	2.90	PASS
11N40SISO	Ant1	2452	6.83	0.32	7.15	≤30.00	2.90	PASS

AV Power [dBm]= Reading power +DC Factor



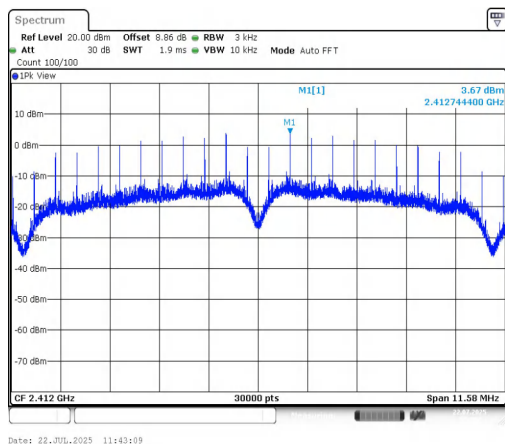
Appendix D: Maximum power spectral density

Test Result

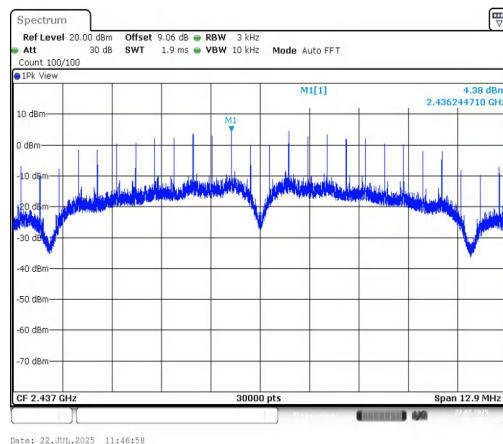
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	3.67	≤8.00	PASS
11B	Ant1	2437	4.38	≤8.00	PASS
11B	Ant1	2462	4.20	≤8.00	PASS
11G	Ant1	2412	-17.20	≤8.00	PASS
11G	Ant1	2437	-16.43	≤8.00	PASS
11G	Ant1	2462	-16.83	≤8.00	PASS
11N20SISO	Ant1	2412	-16.79	≤8.00	PASS
11N20SISO	Ant1	2437	-17.57	≤8.00	PASS
11N20SISO	Ant1	2462	-17.39	≤8.00	PASS
11N40SISO	Ant1	2422	-20.93	≤8.00	PASS
11N40SISO	Ant1	2437	-19.74	≤8.00	PASS
11N40SISO	Ant1	2452	-21.21	≤8.00	PASS



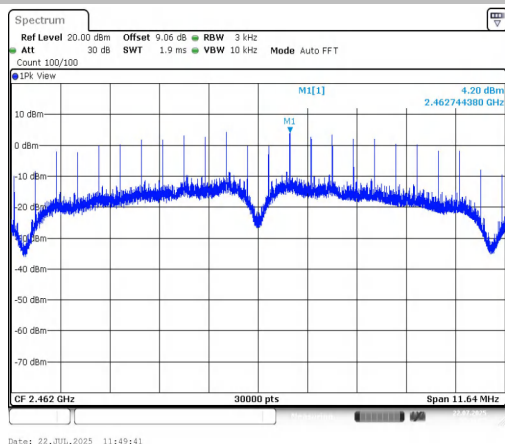
Test Graphs



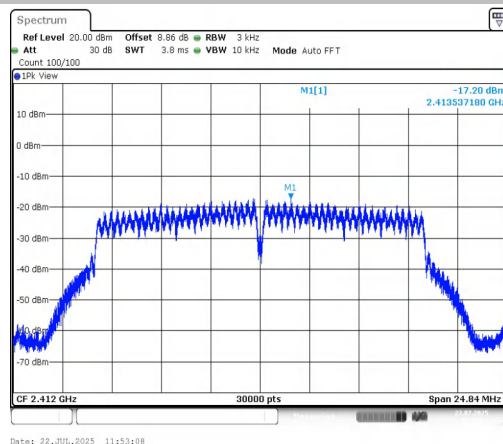
11B-Ant1-2412-PASS



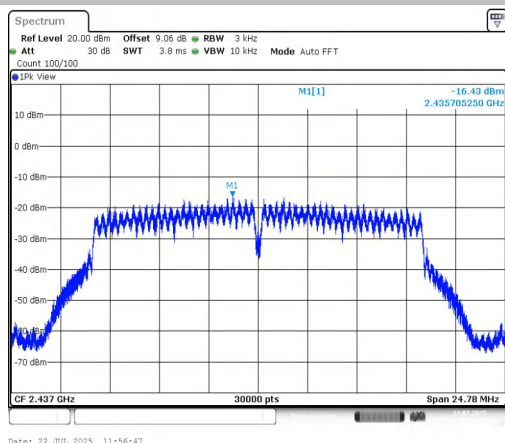
11B-Ant1-2437-PASS



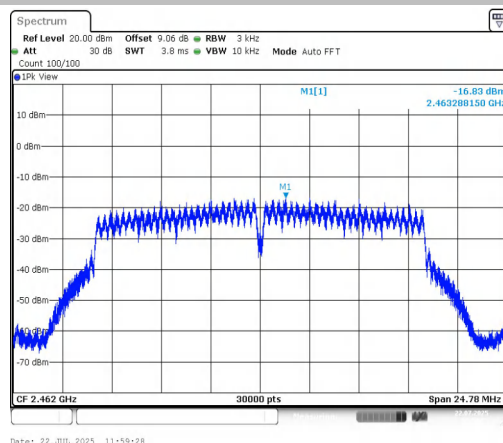
11B-Ant1-2462-PASS



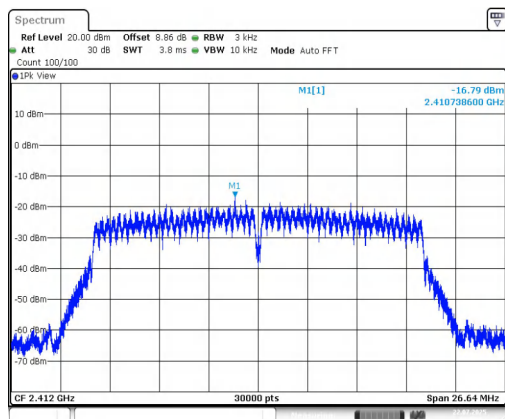
11G-Ant1-2412-PASS



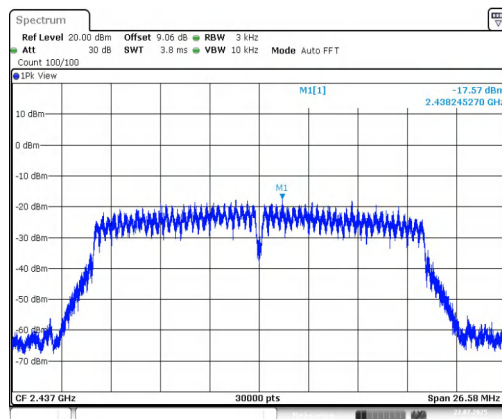
11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



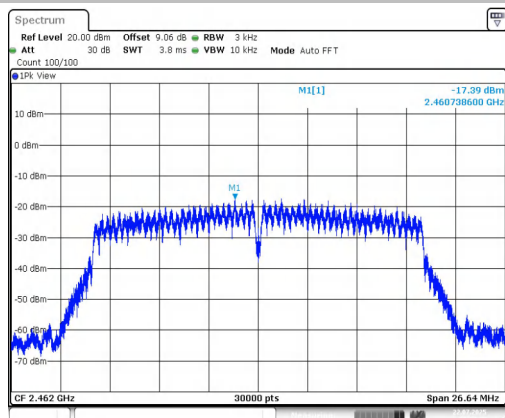
Date: 22.JUL.2025 12:03:30



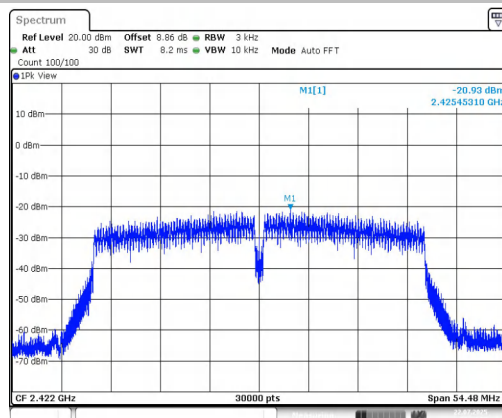
Date: 22.JUL.2025 12:07:24

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



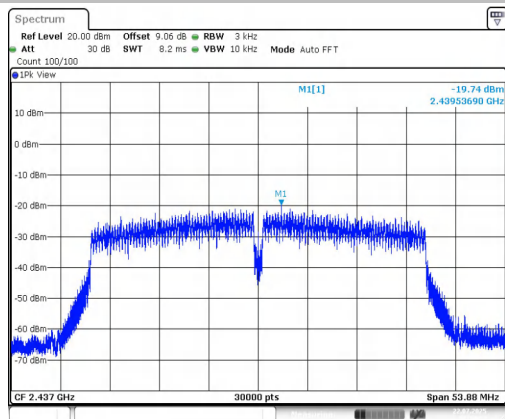
Date: 22.JUL.2025 12:10:21



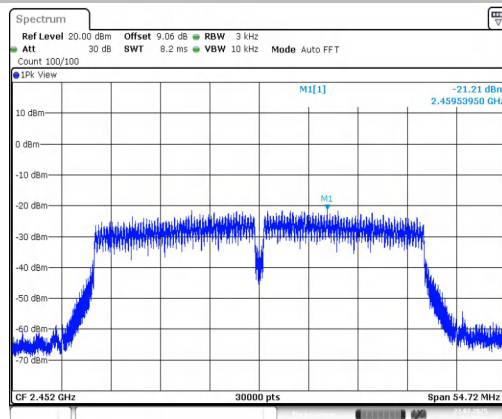
Date: 22.JUL.2025 12:14:15

11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



Date: 22.JUL.2025 12:18:04



Date: 22.JUL.2025 12:27:40

11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



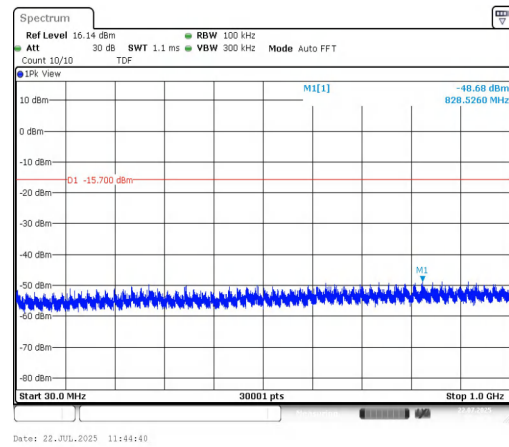
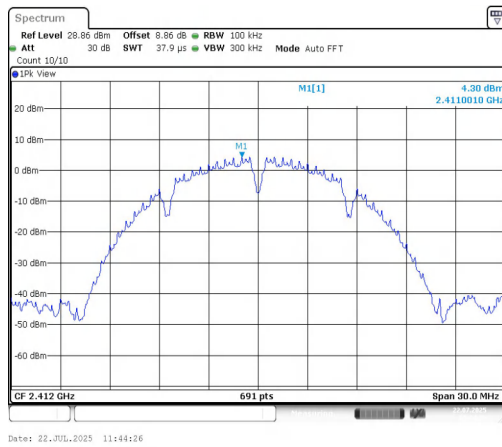
Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	4.30	4.30	---	PASS
11B	Ant1	2412	30~1000	4.30	-48.68	≤-15.7	PASS
11B	Ant1	2412	1000~26500	4.30	-32.98	≤-15.7	PASS
11B	Ant1	2437	0~Reference	5.03	5.03	---	PASS
11B	Ant1	2437	30~1000	5.03	-48.9	≤-14.97	PASS
11B	Ant1	2437	1000~26500	5.03	-33.02	≤-14.97	PASS
11B	Ant1	2462	0~Reference	4.99	4.99	---	PASS
11B	Ant1	2462	30~1000	4.99	-48.8	≤-15.01	PASS
11B	Ant1	2462	1000~26500	4.99	-33.33	≤-15.01	PASS
11G	Ant1	2412	0~Reference	-2.09	-2.09	---	PASS
11G	Ant1	2412	30~1000	-2.09	-49.16	≤-22.09	PASS
11G	Ant1	2412	1000~26500	-2.09	-33.43	≤-22.09	PASS
11G	Ant1	2437	0~Reference	-1.70	-1.70	---	PASS
11G	Ant1	2437	30~1000	-1.70	-48.3	≤-21.7	PASS
11G	Ant1	2437	1000~26500	-1.70	-32.58	≤-21.7	PASS
11G	Ant1	2462	0~Reference	-1.54	-1.54	---	PASS
11G	Ant1	2462	30~1000	-1.54	-48.57	≤-21.54	PASS
11G	Ant1	2462	1000~26500	-1.54	-32.81	≤-21.54	PASS
11N20SISO	Ant1	2412	0~Reference	-3.30	-3.30	---	PASS
11N20SISO	Ant1	2412	30~1000	-3.30	-48.86	≤-23.3	PASS
11N20SISO	Ant1	2412	1000~26500	-3.30	-33.07	≤-23.3	PASS
11N20SISO	Ant1	2437	0~Reference	-2.68	-2.68	---	PASS
11N20SISO	Ant1	2437	30~1000	-2.68	-49.01	≤-22.68	PASS
11N20SISO	Ant1	2437	1000~26500	-2.68	-32.82	≤-22.68	PASS
11N20SISO	Ant1	2462	0~Reference	-2.38	-2.38	---	PASS
11N20SISO	Ant1	2462	30~1000	-2.38	-49.15	≤-22.38	PASS
11N20SISO	Ant1	2462	1000~26500	-2.38	-32.93	≤-22.38	PASS
11N40SISO	Ant1	2422	0~Reference	-5.53	-5.53	---	PASS
11N40SISO	Ant1	2422	30~1000	-5.53	-49.33	≤-25.53	PASS
11N40SISO	Ant1	2422	1000~26500	-5.53	-32.73	≤-25.53	PASS
11N40SISO	Ant1	2437	0~Reference	-5.11	-5.11	---	PASS
11N40SISO	Ant1	2437	30~1000	-5.11	-48.85	≤-25.11	PASS
11N40SISO	Ant1	2437	1000~26500	-5.11	-32.97	≤-25.11	PASS
11N40SISO	Ant1	2452	0~Reference	-5.80	-5.80	---	PASS
11N40SISO	Ant1	2452	30~1000	-5.80	-48.82	≤-25.8	PASS
11N40SISO	Ant1	2452	1000~26500	-5.80	-32.2	≤-25.8	PASS

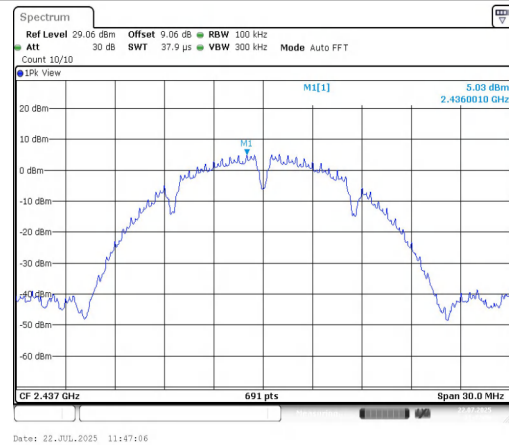
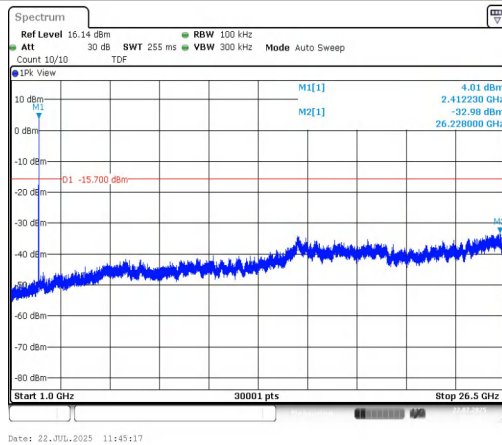


Test Graphs



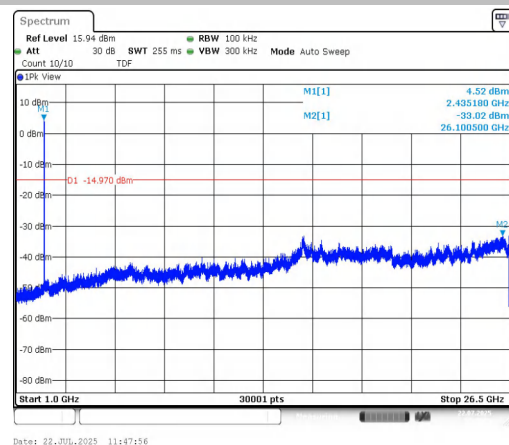
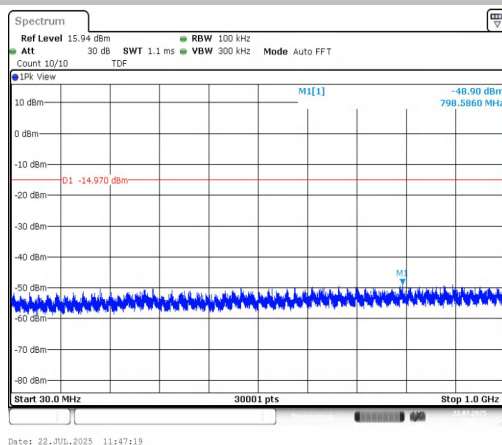
11B-Ant1-2412-0~Reference-PASS

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



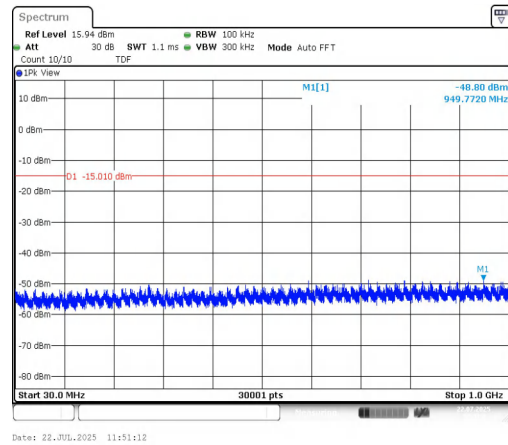
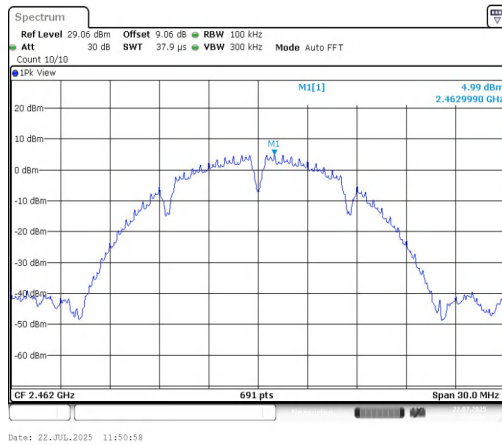
11B-Ant1-2412-1000~26500-PASS

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



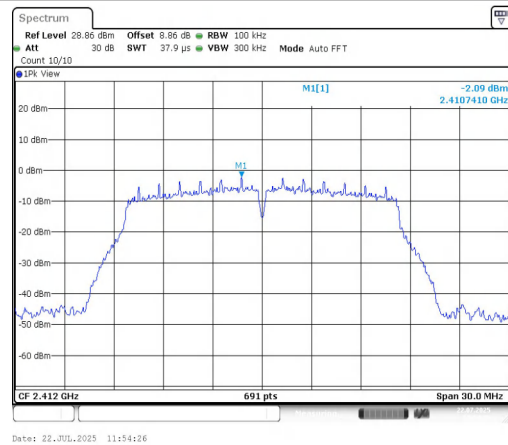
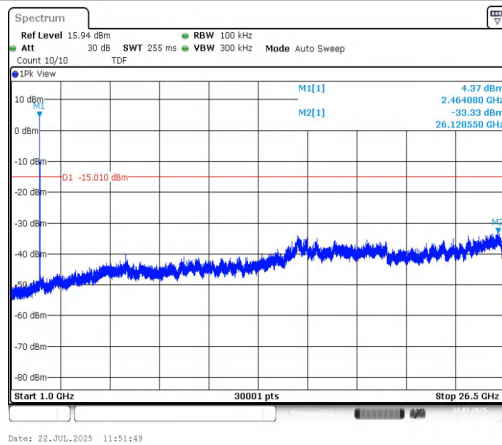
11B-Ant1-2437-30~1000-PASS

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



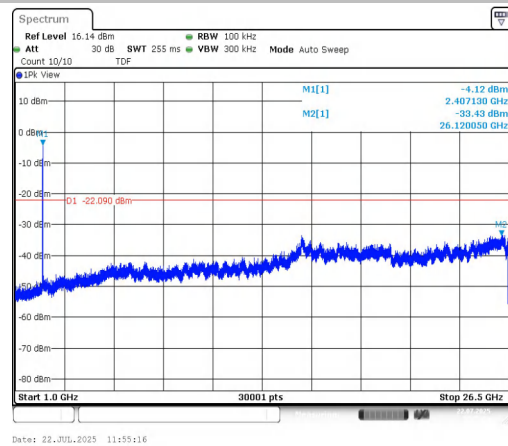
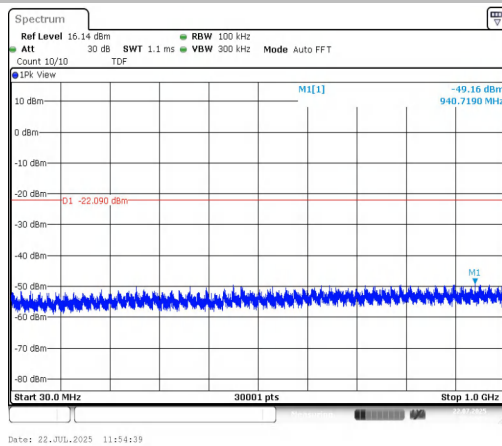
11B-Ant1-2462-0~Reference-PASS

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



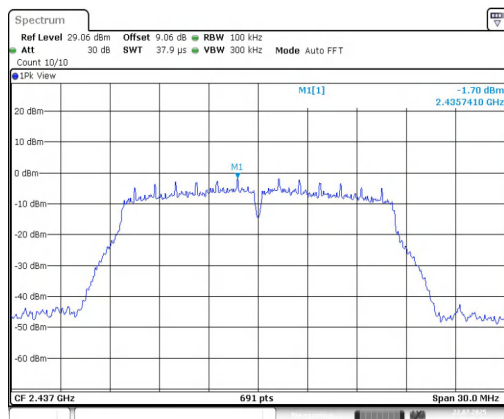
11B-Ant1-2462-1000~26500-PASS

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

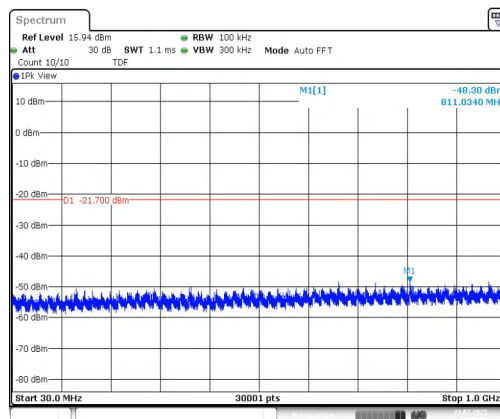


11G-Ant1-2412-30~1000-PASS

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



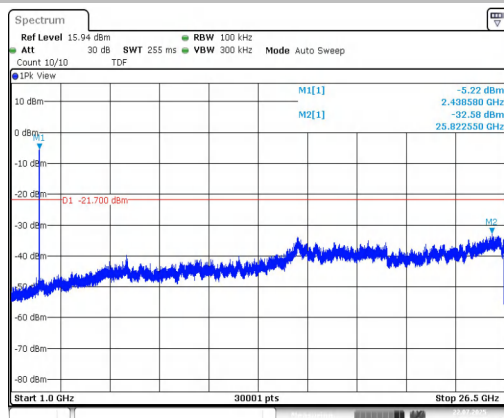
Date: 22.JUL.2025 11:56:55



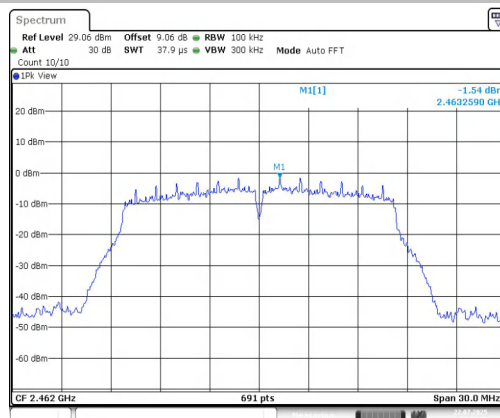
Date: 22.JUL.2025 11:57:08

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

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



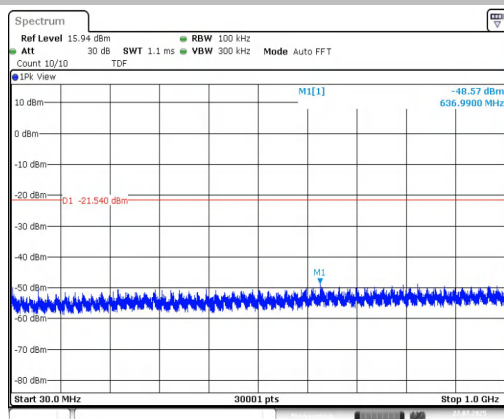
Date: 22.JUL.2025 11:57:45



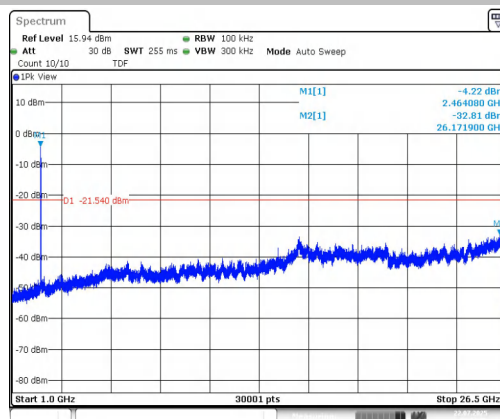
Date: 22.JUL.2025 12:00:46

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

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



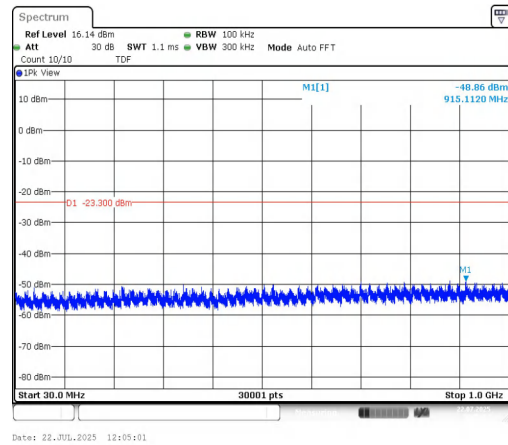
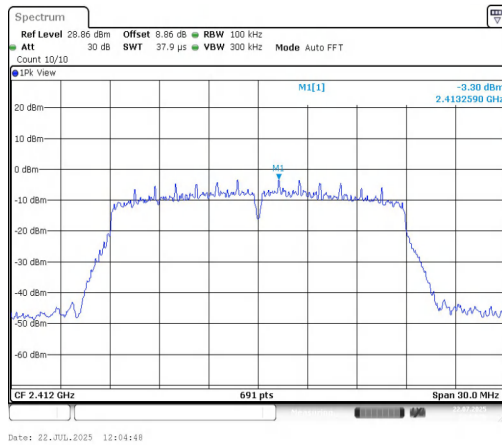
Date: 22.JUL.2025 12:00:59



Date: 22.JUL.2025 12:01:36

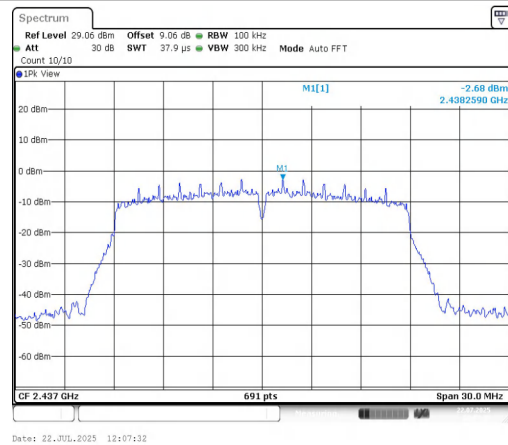
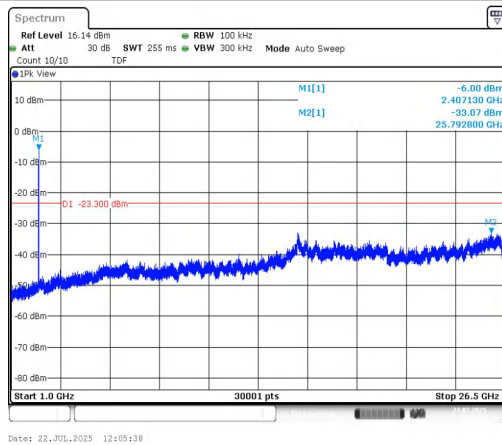
11G-Ant1-2462-30~1000-PASS

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



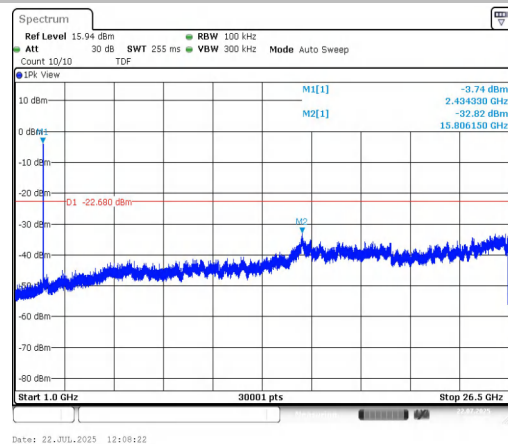
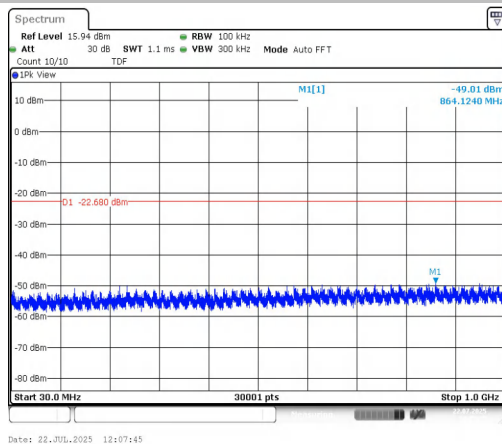
11N20SISO-Ant1-2412-0~Reference-PASS

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



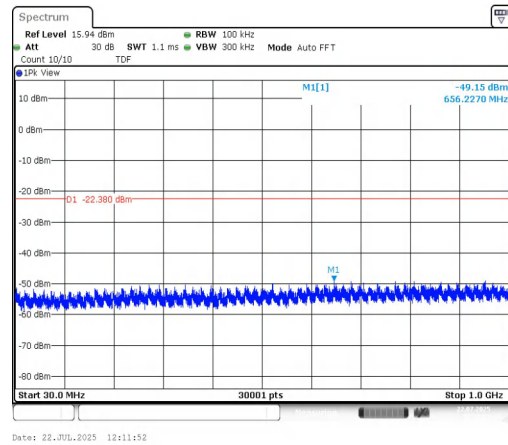
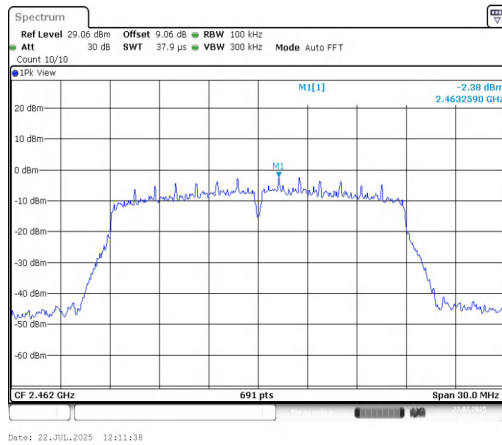
11N20SISO-Ant1-2412-1000~26500-PASS

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



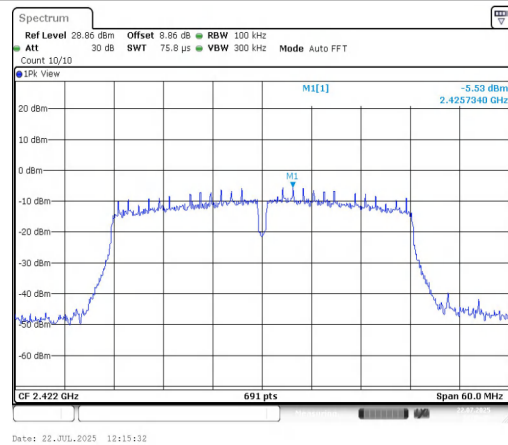
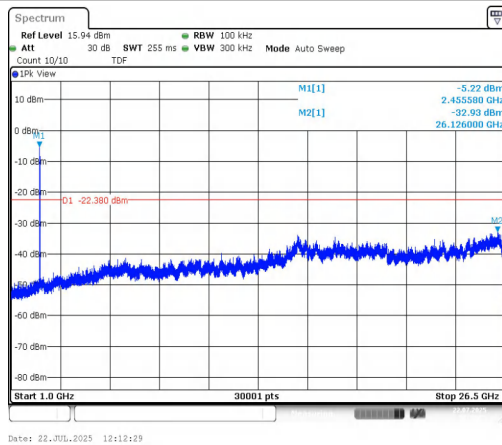
11N20SISO-Ant1-2437-30~1000-PASS

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



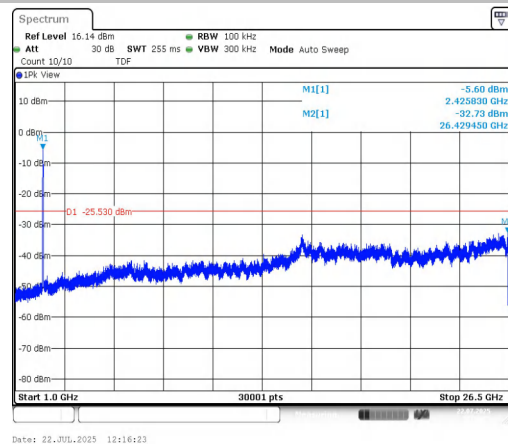
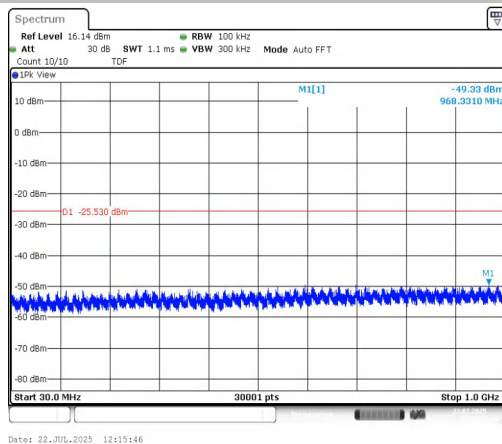
11N20SISO-Ant1-2462-0~Reference-PASS

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



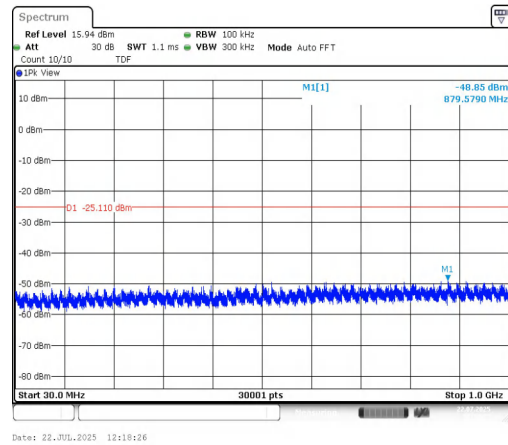
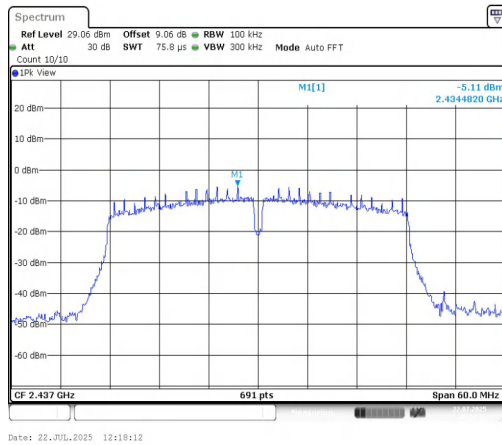
11N20SISO-Ant1-2462-1000~26500-PASS

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



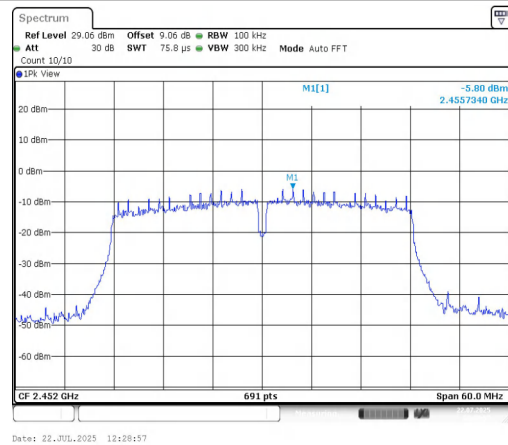
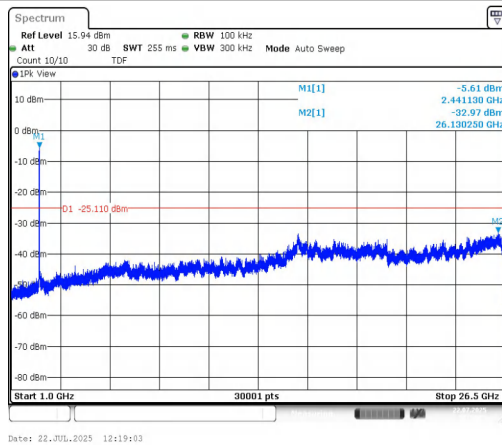
11N40SISO-Ant1-2422-30~1000-PASS

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



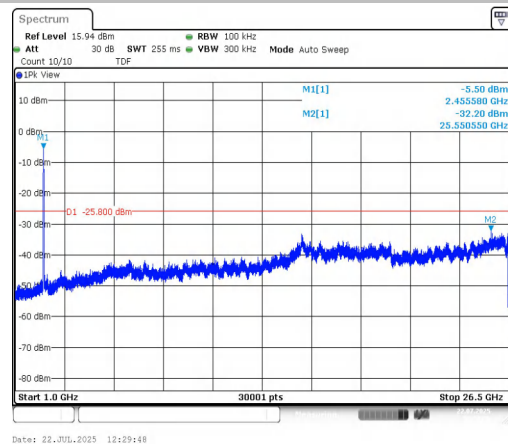
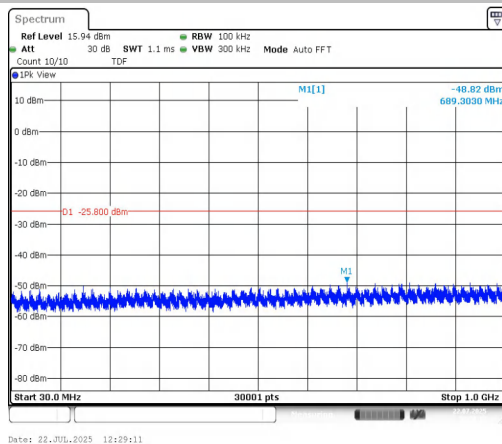
11N40SISO-Ant1-2437-0~Reference-PASS

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



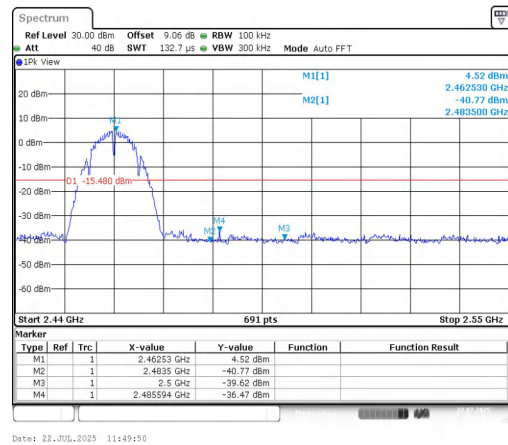
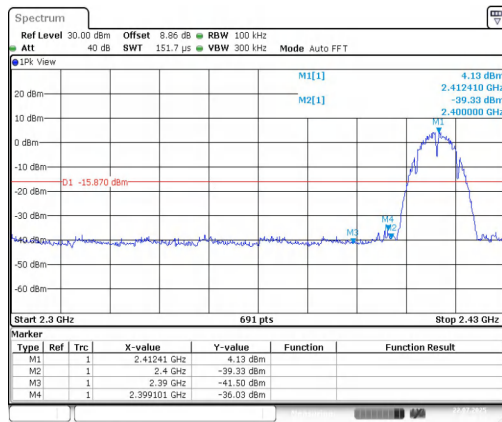
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.13	-36.03	≤ -15.87	PASS
11B	Ant1	High	2462	4.52	-36.47	≤ -15.48	PASS
11G	Ant1	Low	2412	-2.57	-38	≤ -22.57	PASS
11G	Ant1	High	2462	-1.78	-37.39	≤ -21.78	PASS
11N20SISO	Ant1	Low	2412	-3.99	-37.59	≤ -23.99	PASS
11N20SISO	Ant1	High	2462	-2.87	-35.79	≤ -22.87	PASS
11N40SISO	Ant1	Low	2422	-5.93	-37.74	≤ -25.93	PASS
11N40SISO	Ant1	High	2452	-6.20	-37.82	≤ -26.2	PASS

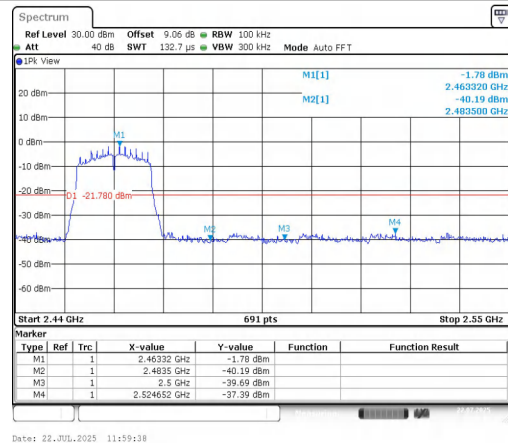
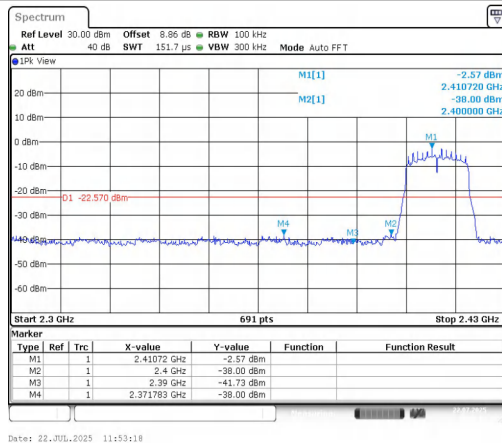


Test Graphs



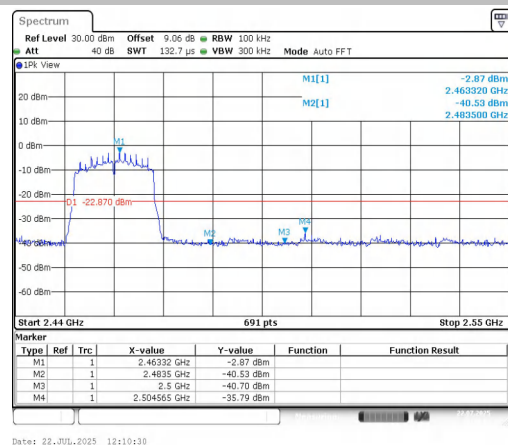
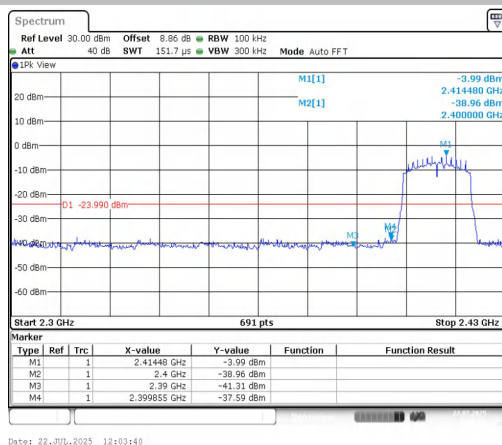
11B-Ant1-2412-PASS

11B-Ant1-2462-PASS



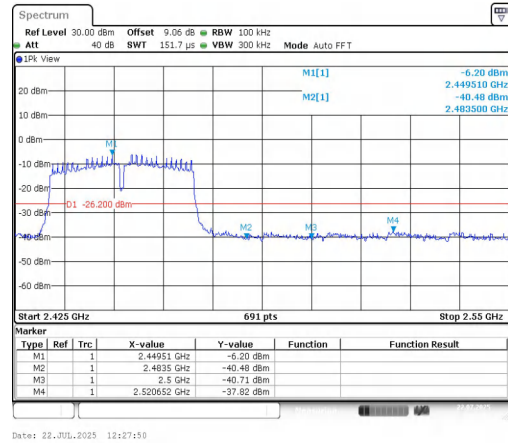
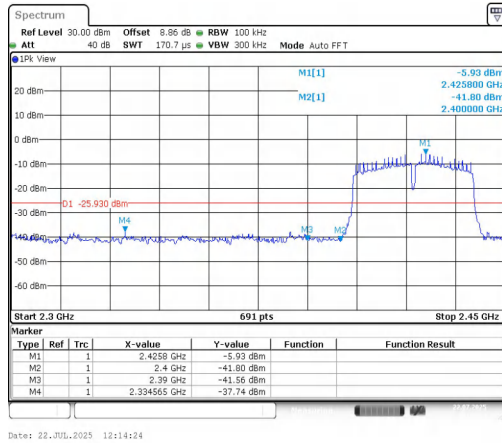
11G-Ant1-2412-PASS

11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2452-PASS



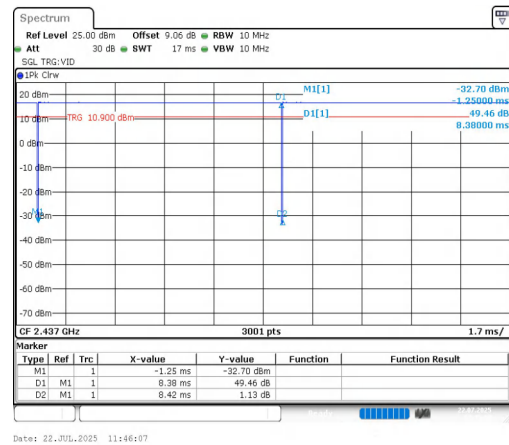
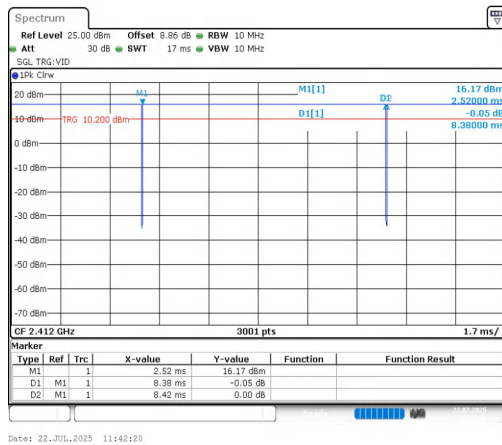
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B	Ant1	2412	8.38	8.42	99.52	0.02
11B	Ant1	2437	8.38	8.42	99.52	0.02
11B	Ant1	2462	8.38	8.42	99.52	0.02
11G	Ant1	2412	1.39	1.45	95.86	0.18
11G	Ant1	2437	1.40	1.45	96.55	0.15
11G	Ant1	2462	1.39	1.45	95.86	0.18
11N20SISO	Ant1	2412	1.30	1.36	95.59	0.20
11N20SISO	Ant1	2437	1.30	1.35	96.30	0.16
11N20SISO	Ant1	2462	1.30	1.35	96.30	0.16
11N40SISO	Ant1	2422	0.65	0.70	92.86	0.32
11N40SISO	Ant1	2437	0.65	0.70	92.86	0.32
11N40SISO	Ant1	2452	0.65	0.70	92.86	0.32

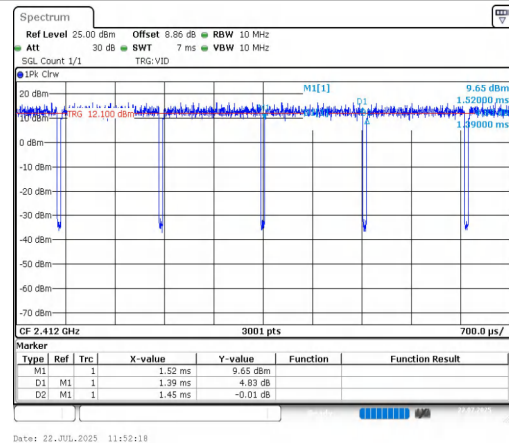
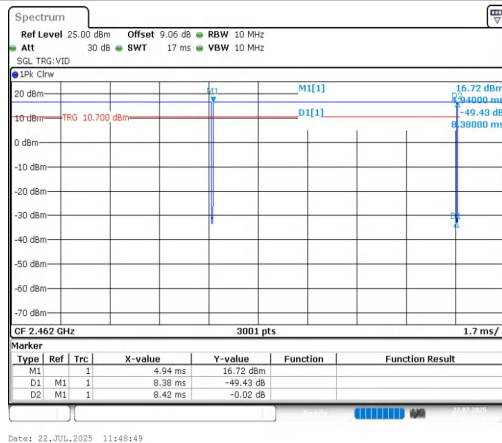


Test Graphs



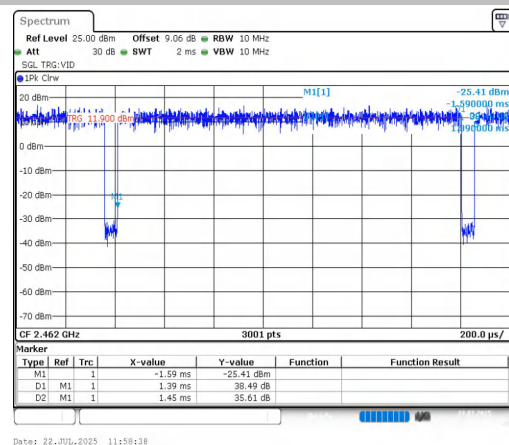
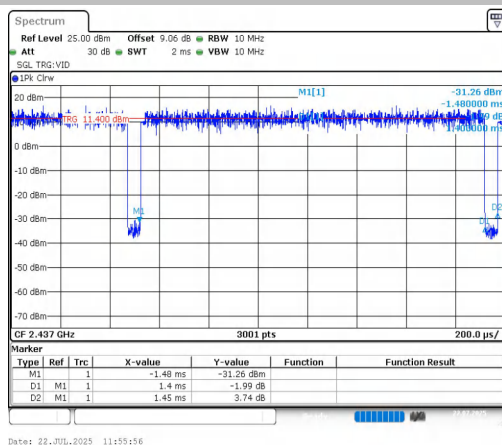
NTNV-11B-Ant1-2412

NTNV-11B-Ant1-2437



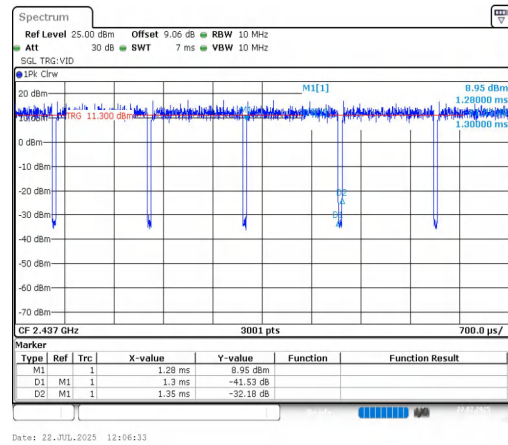
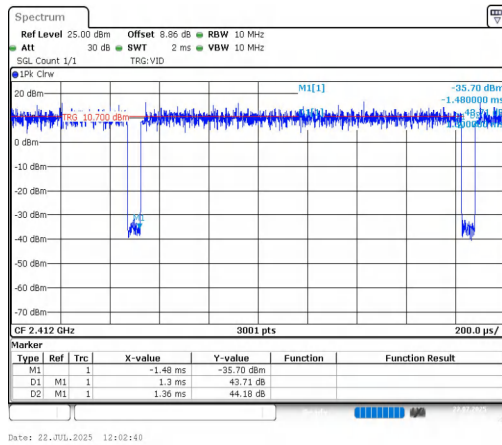
NTNV-11B-Ant1-2462

NTNV-11G-Ant1-2412



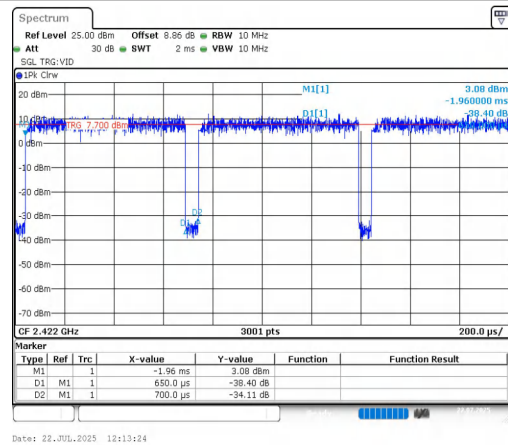
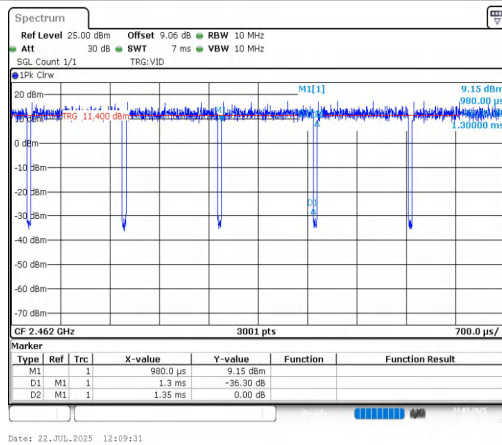
NTNV-11G-Ant1-2437

NTNV-11G-Ant1-2462



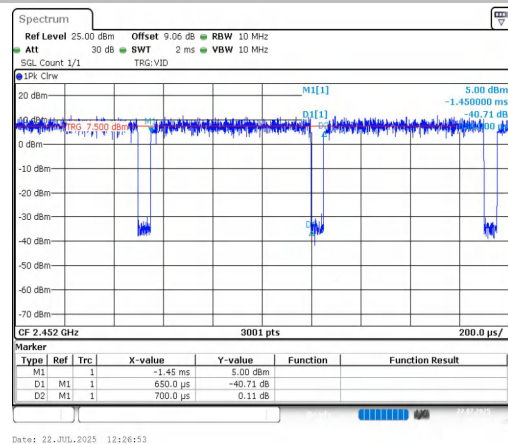
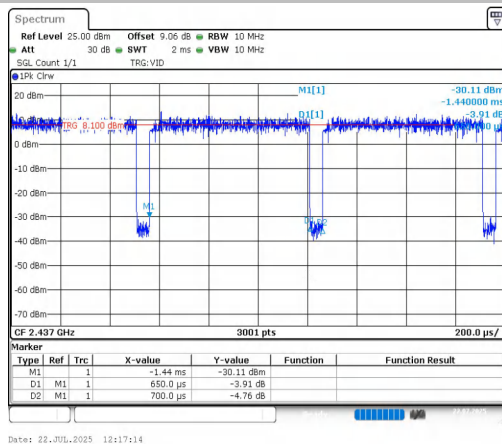
NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462

NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

NTNV-11N40SISO-Ant1-2452

-----END-----