



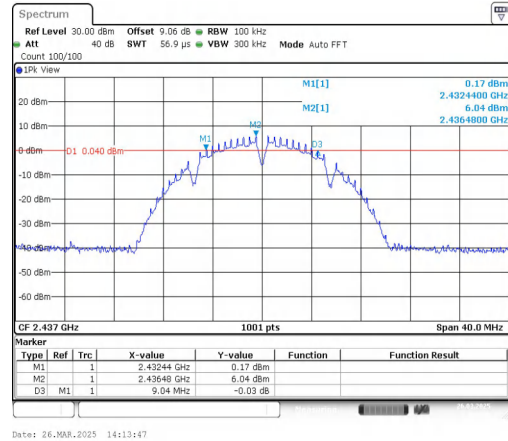
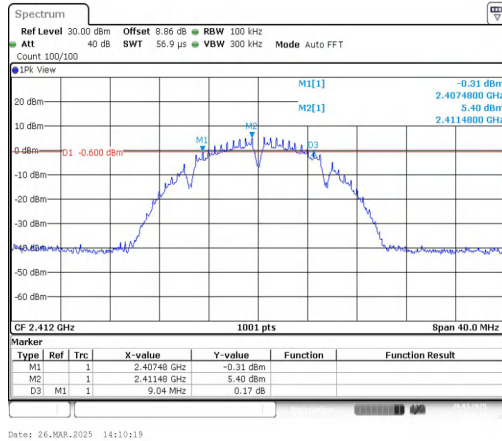
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.04	2407.48	2416.52	0.5	PASS
11B	Ant1	2437	9.04	2432.44	2441.48	0.5	PASS
11B	Ant1	2462	8.04	2457.96	2466.00	0.5	PASS
11G	Ant1	2412	16.32	2403.84	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	17.52	2403.24	2420.76	0.5	PASS
11N20SISO	Ant1	2437	17.56	2428.20	2445.76	0.5	PASS
11N20SISO	Ant1	2462	17.56	2453.20	2470.76	0.5	PASS
11N40SISO	Ant1	2422	35.20	2404.40	2439.60	0.5	PASS
11N40SISO	Ant1	2437	35.36	2419.40	2454.76	0.5	PASS
11N40SISO	Ant1	2452	36.08	2433.84	2469.92	0.5	PASS

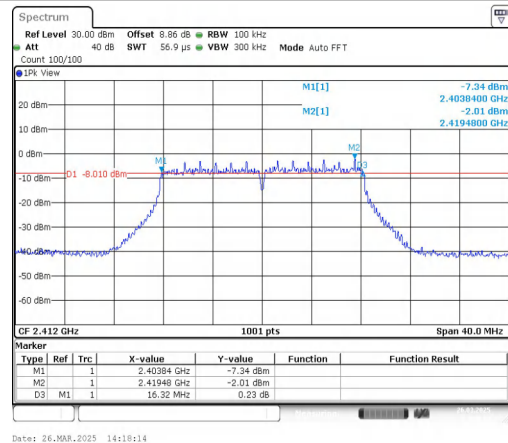
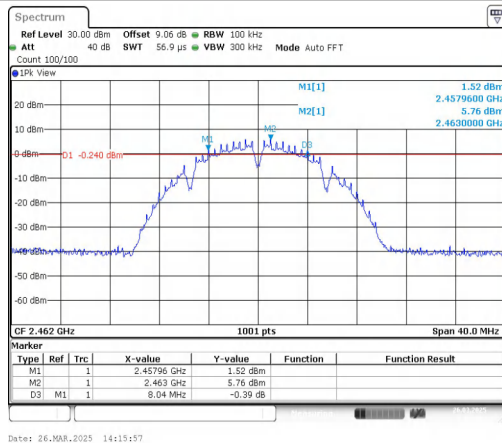


Test Graphs



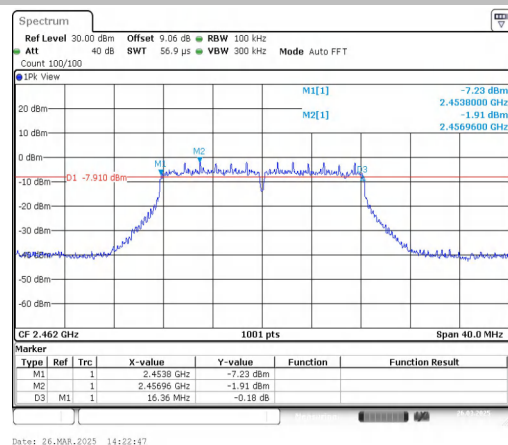
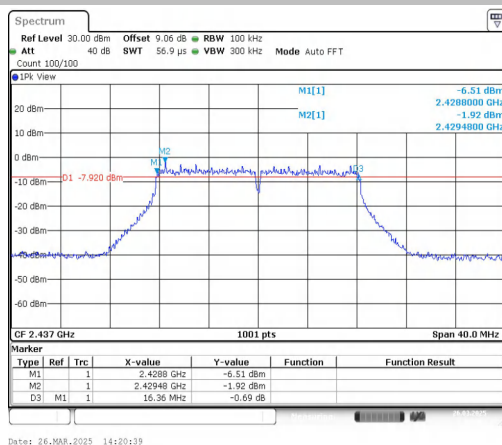
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



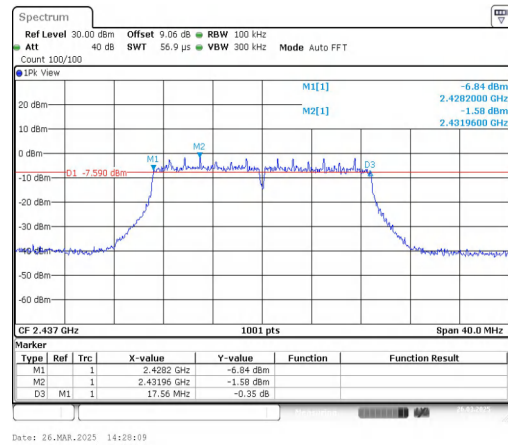
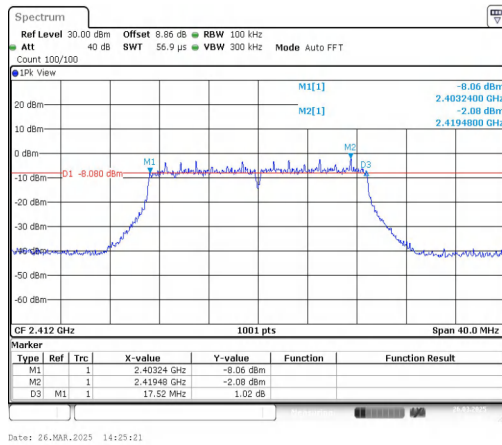
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



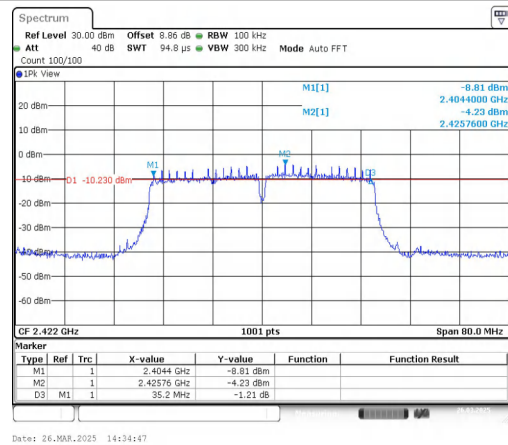
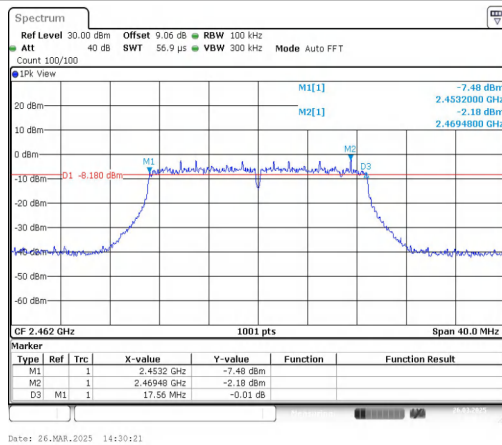
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



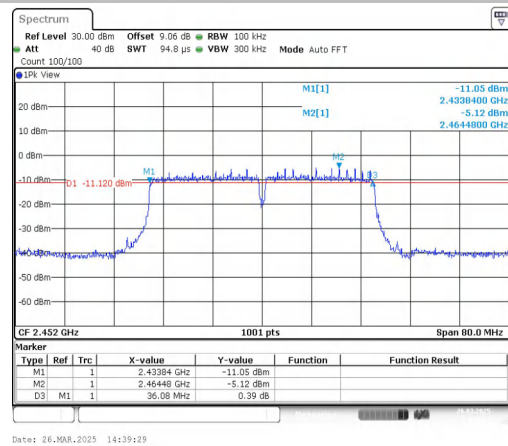
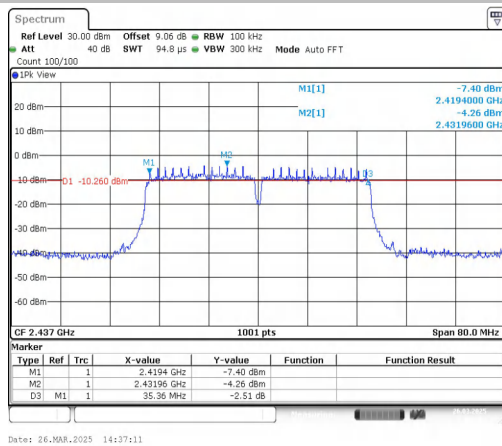
11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



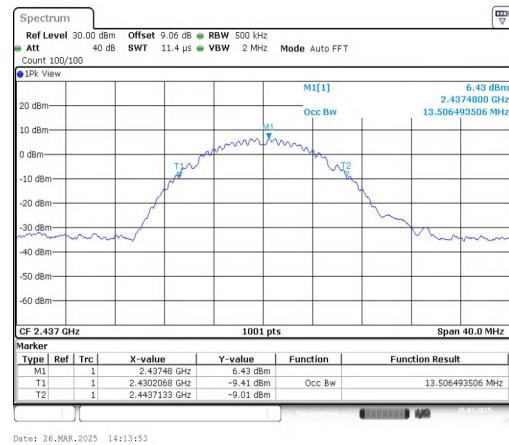
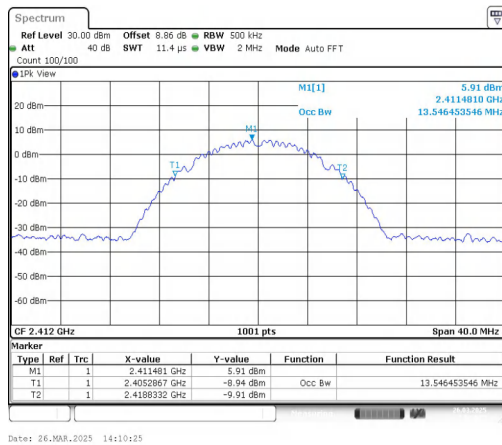
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.546	2405.2867	2418.8332	---	---
11B	Ant1	2437	13.506	2430.2068	2443.7133	---	---
11B	Ant1	2462	13.347	2455.3666	2468.7133	---	---
11G	Ant1	2412	17.303	2403.3686	2420.6713	---	---
11G	Ant1	2437	17.103	2428.3287	2445.4316	---	---
11G	Ant1	2462	17.183	2453.4086	2470.5914	---	---
11N20SISO	Ant1	2412	18.222	2402.8891	2421.1109	---	---
11N20SISO	Ant1	2437	18.142	2427.8492	2445.9910	---	---
11N20SISO	Ant1	2462	18.342	2452.7293	2471.0709	---	---
11N40SISO	Ant1	2422	36.523	2403.6184	2440.1419	---	---
11N40SISO	Ant1	2437	36.444	2418.6983	2455.1419	---	---
11N40SISO	Ant1	2452	36.364	2433.7782	2470.1419	---	---

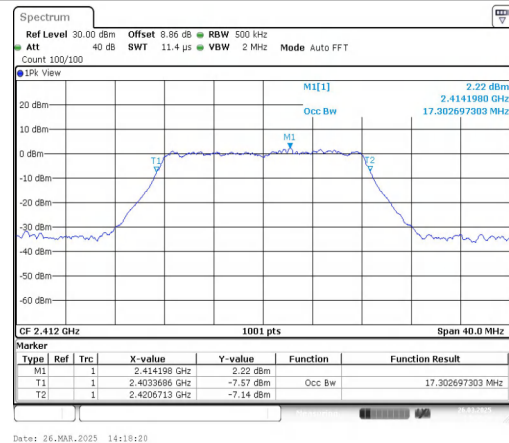
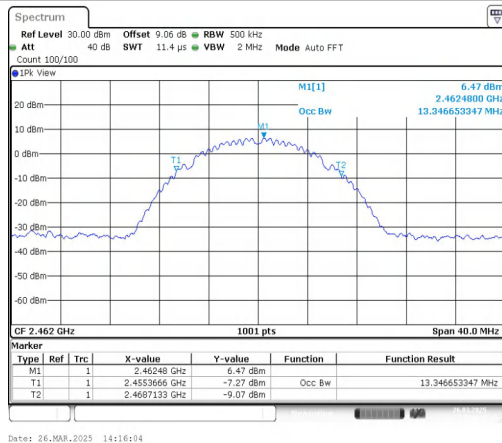


Test Graphs



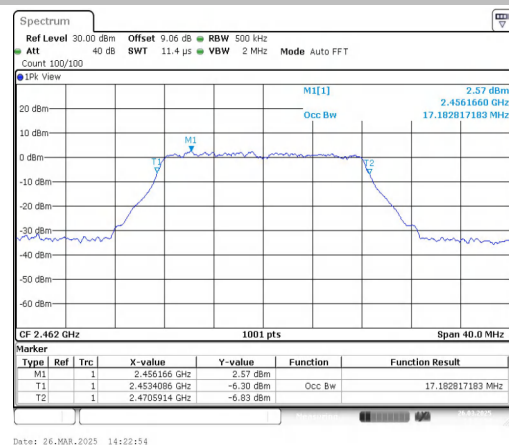
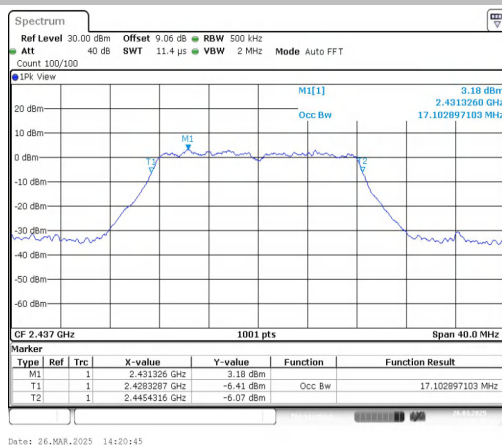
11B-Ant1-2412

11B-Ant1-2437



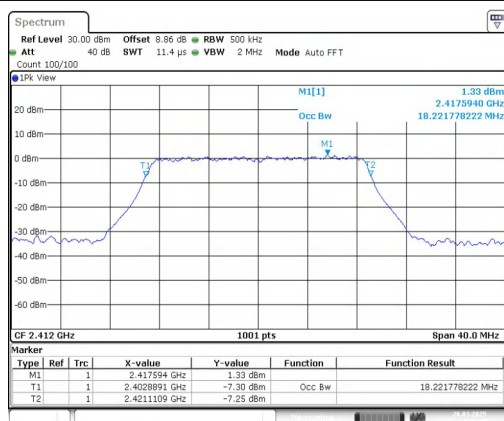
11B-Ant1-2462

11G-Ant1-2412

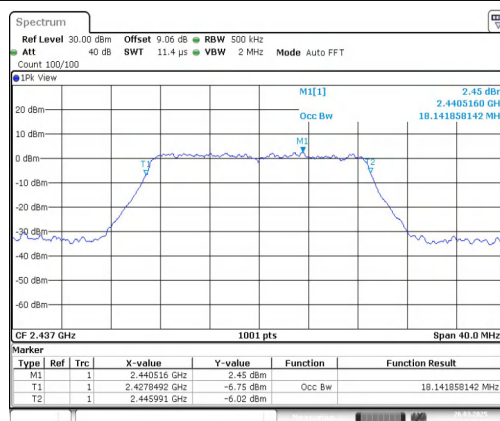


11G-Ant1-2437

11G-Ant1-2462



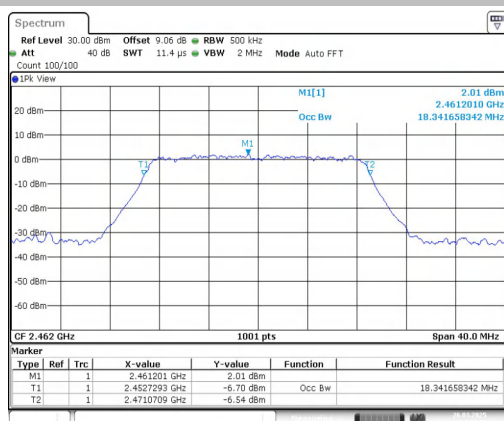
Date: 26.Nov.2025 14:29:27



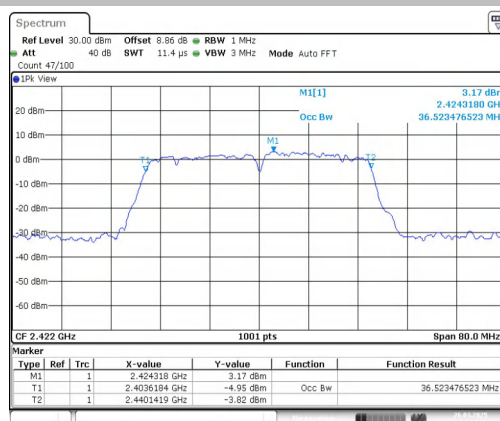
Date: 26.Nov.2025 14:28:15

11N20SISO-Ant1-2412

11N20SISO-Ant1-2437



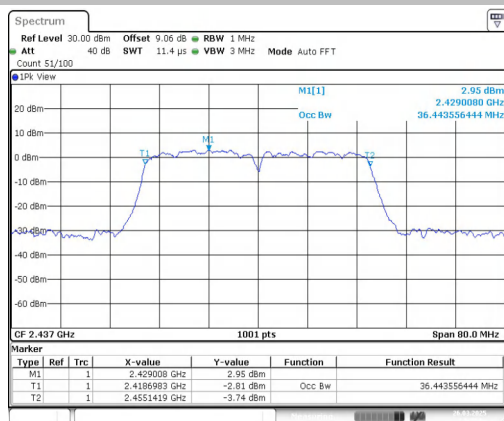
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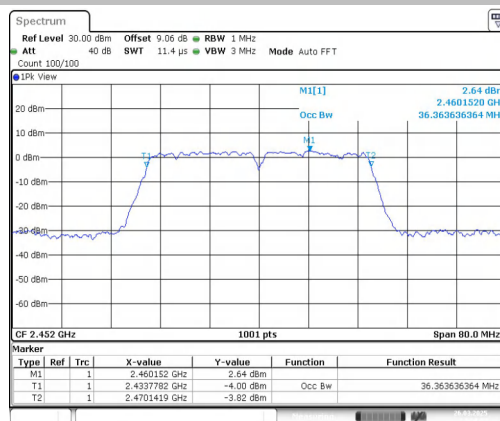
Date: 26.Nov.2025 14:34:54

11N20SISO-Ant1-2462

11N40SISO-Ant1-2422



Date: 26.Nov.2025 14:37:18



Date: 26.Nov.2025 14:39:35

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]	Verdict
11B	Ant1	2412	17.71	≤30.00	0.06	17.77	PASS
11B	Ant1	2437	17.47	≤30.00	0.06	17.53	PASS
11B	Ant1	2462	17.20	≤30.00	0.06	17.26	PASS
11G	Ant1	2412	15.76	≤30.00	0.06	15.82	PASS
11G	Ant1	2437	15.56	≤30.00	0.06	15.62	PASS
11G	Ant1	2462	15.14	≤30.00	0.06	15.20	PASS
11N20SISO	Ant1	2412	15.78	≤30.00	0.06	15.84	PASS
11N20SISO	Ant1	2437	15.51	≤30.00	0.06	15.57	PASS
11N20SISO	Ant1	2462	15.14	≤30.00	0.06	15.20	PASS
11N40SISO	Ant1	2422	14.41	≤30.00	0.06	14.47	PASS
11N40SISO	Ant1	2437	14.24	≤30.00	0.06	14.30	PASS
11N40SISO	Ant1	2452	13.97	≤30.00	0.06	14.03	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]	Verdict
11B	Ant1	2412	13.15	0.06	13.21	≤30.00	0.06	13.27	PASS
11B	Ant1	2437	12.91	0.31	13.22	≤30.00	0.06	13.28	PASS
11B	Ant1	2462	12.61	0.06	12.67	≤30.00	0.06	12.73	PASS
11G	Ant1	2412	7.84	0.34	8.18	≤30.00	0.06	8.24	PASS
11G	Ant1	2437	8.32	0.34	8.66	≤30.00	0.06	8.72	PASS
11G	Ant1	2462	8.02	0.31	8.33	≤30.00	0.06	8.39	PASS
11N20SISO	Ant1	2412	8.14	0.35	8.49	≤30.00	0.06	8.55	PASS
11N20SISO	Ant1	2437	7.90	0.18	8.08	≤30.00	0.06	8.14	PASS
11N20SISO	Ant1	2462	7.95	0.26	8.21	≤30.00	0.06	8.27	PASS
11N40SISO	Ant1	2422	7.82	0.72	8.54	≤30.00	0.06	8.60	PASS
11N40SISO	Ant1	2437	7.82	0.60	8.42	≤30.00	0.06	8.48	PASS
11N40SISO	Ant1	2452	7.88	0.60	8.48	≤30.00	0.06	8.54	PASS

AV Power [dBm]= Reading power +DC Factor



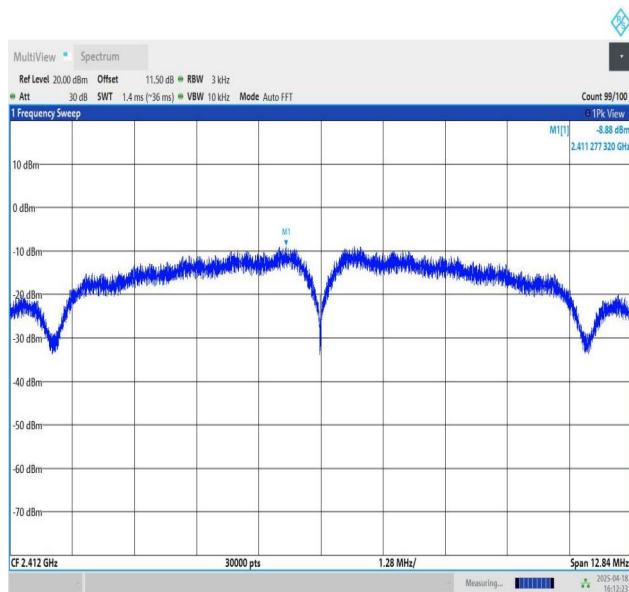
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.88	≤8.00	PASS
11B	Ant1	2437	-8.95	≤8.00	PASS
11B	Ant1	2462	-8.03	≤8.00	PASS
11G	Ant1	2412	-17.48	≤8.00	PASS
11G	Ant1	2437	-17.94	≤8.00	PASS
11G	Ant1	2462	-18.32	≤8.00	PASS
11N20SISO	Ant1	2412	-17.88	≤8.00	PASS
11N20SISO	Ant1	2437	-16.75	≤8.00	PASS
11N20SISO	Ant1	2462	-18.73	≤8.00	PASS
11N40SISO	Ant1	2422	-20.54	≤8.00	PASS
11N40SISO	Ant1	2437	-20.57	≤8.00	PASS
11N40SISO	Ant1	2452	-21.02	≤8.00	PASS

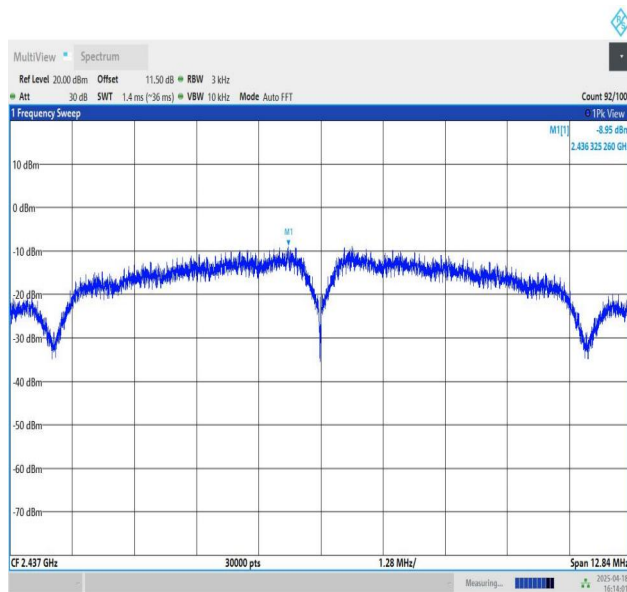


Test Graphs



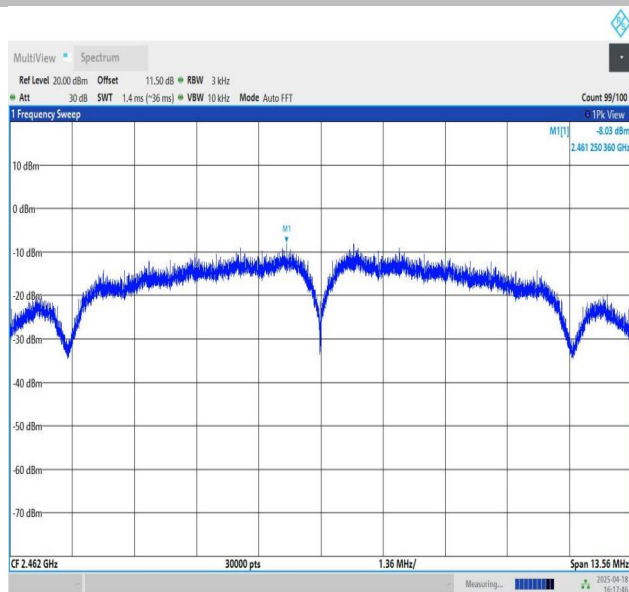
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11B-Ant1-2412-PASS



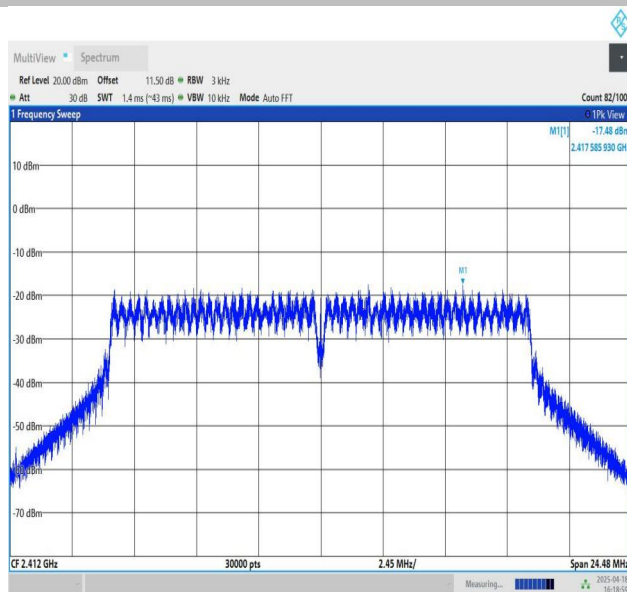
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11B-Ant1-2437-PASS



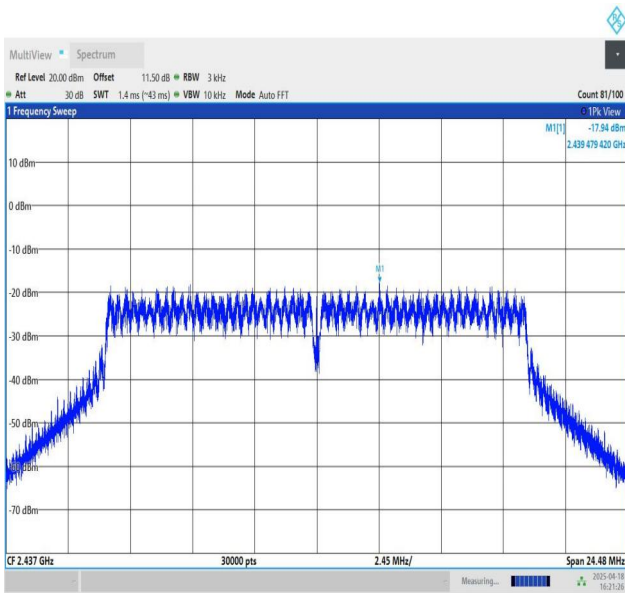
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11B-Ant1-2462-PASS



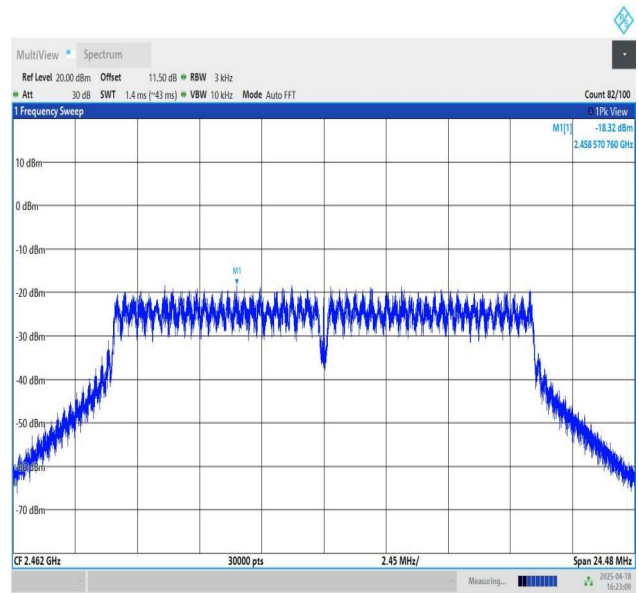
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11G-Ant1-2412-PASS



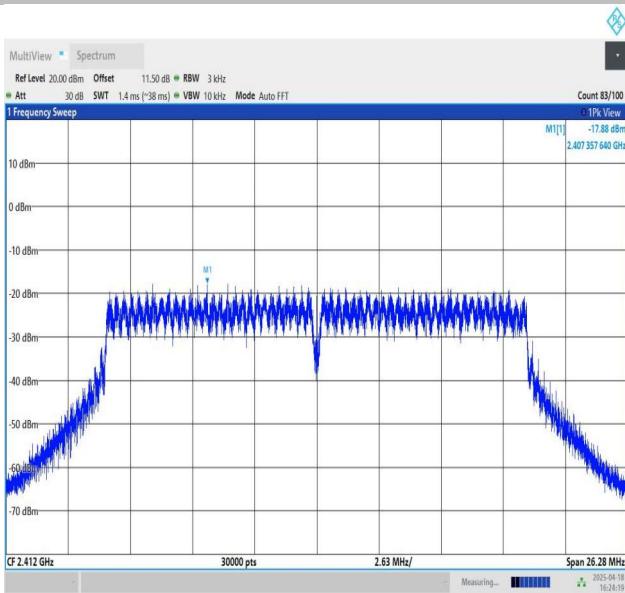
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11G-Ant1-2437-PASS



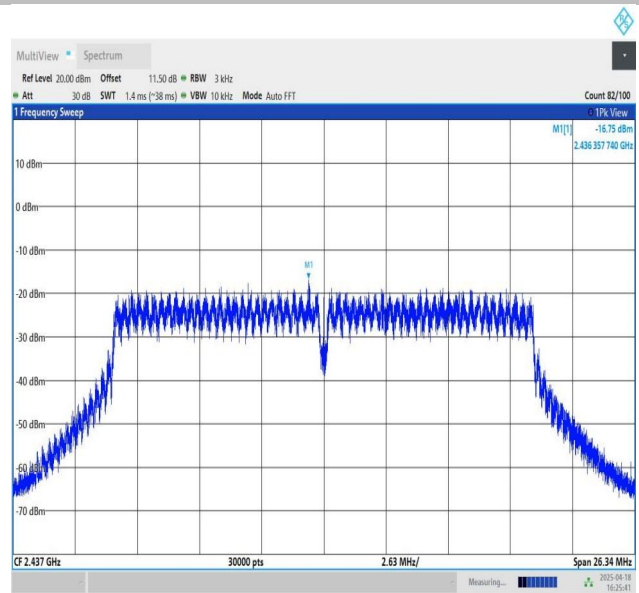
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11G-Ant1-2462-PASS



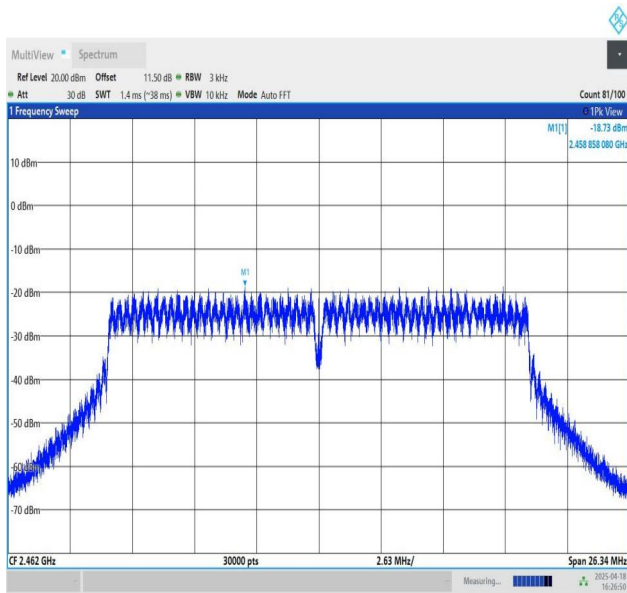
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11N20SISO-Ant1-2412-PASS



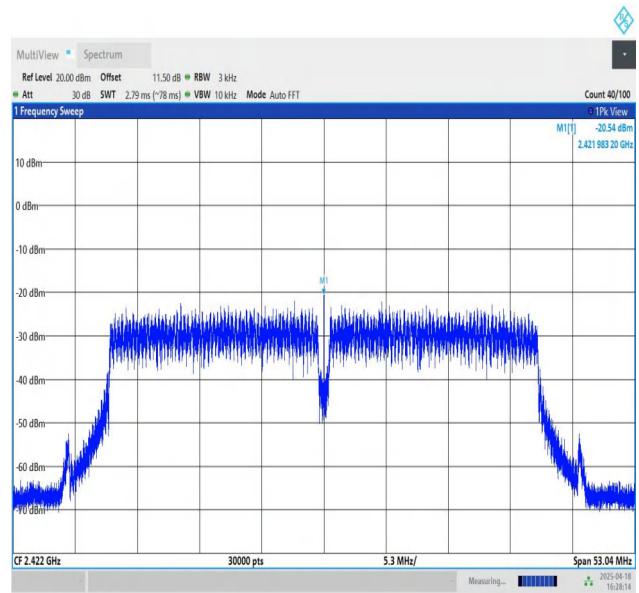
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11N20SISO-Ant1-2437-PASS



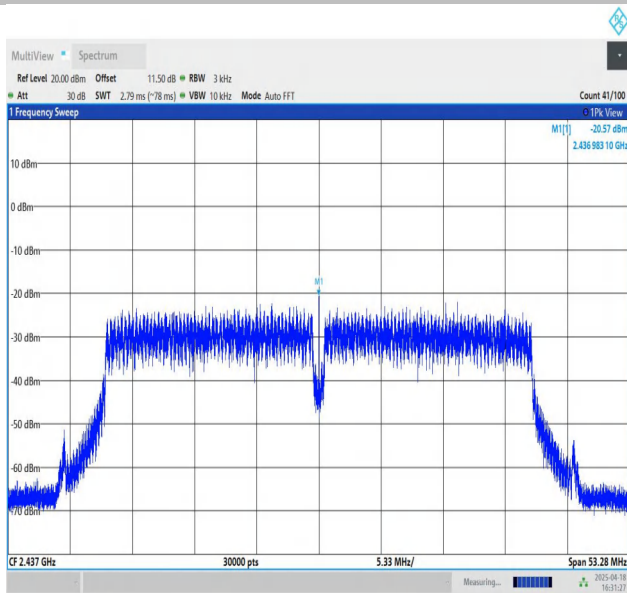
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11N20SISO-Ant1-2462-PASS



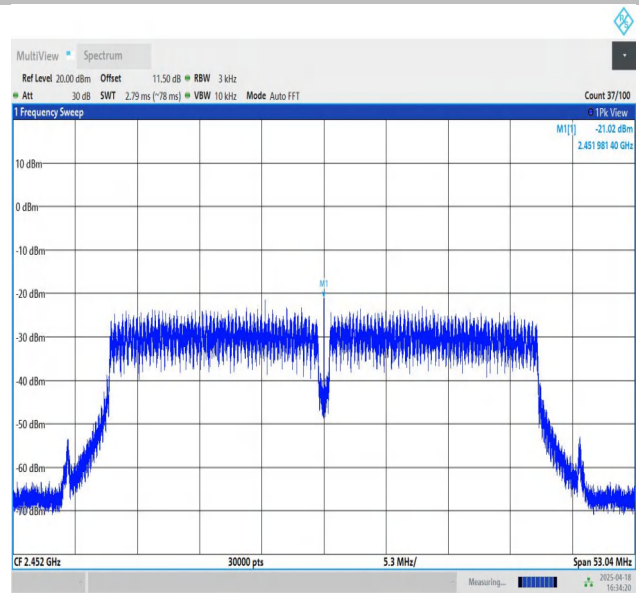
04:28:15 下午 04/18/2025

11N40SISO-Ant1-2422-PASS



04:31:27 下午 04/18/2025

11N40SISO-Ant1-2437-PASS



04:34:21 下午 04/18/2025

11N40SISO-Ant1-2452-PASS



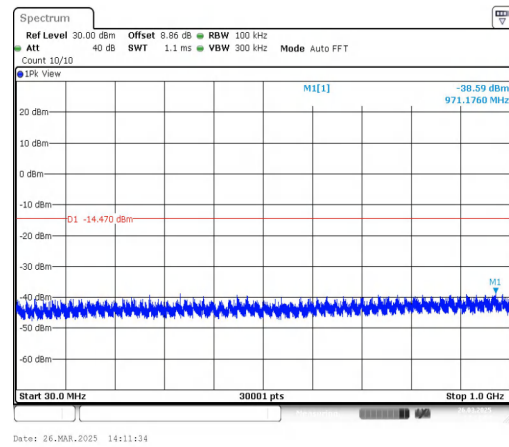
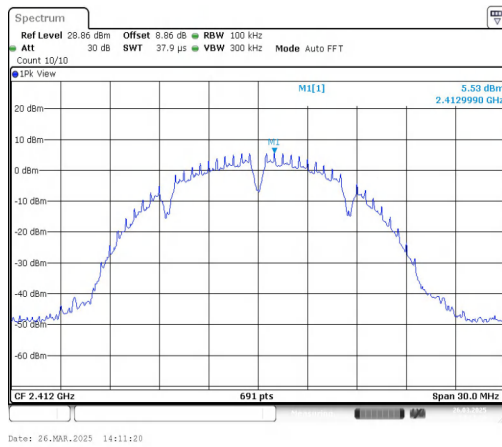
Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.53	5.53	---	PASS
11B	Ant1	2412	30~1000	5.53	-38.59	≤-14.47	PASS
11B	Ant1	2412	1000~26500	5.53	-27.13	≤-14.47	PASS
11B	Ant1	2437	0~Reference	6.14	6.14	---	PASS
11B	Ant1	2437	30~1000	6.14	-38.68	≤-13.86	PASS
11B	Ant1	2437	1000~26500	6.14	-27.34	≤-13.86	PASS
11B	Ant1	2462	0~Reference	5.79	5.79	---	PASS
11B	Ant1	2462	30~1000	5.79	-38.15	≤-14.21	PASS
11B	Ant1	2462	1000~26500	5.79	-26.5	≤-14.21	PASS
11G	Ant1	2412	0~Reference	-1.49	-1.49	---	PASS
11G	Ant1	2412	30~1000	-1.49	-38.08	≤-21.49	PASS
11G	Ant1	2412	1000~26500	-1.49	-26.87	≤-21.49	PASS
11G	Ant1	2437	0~Reference	-0.90	-0.90	---	PASS
11G	Ant1	2437	30~1000	-0.90	-37.96	≤-20.9	PASS
11G	Ant1	2437	1000~26500	-0.90	-27.44	≤-20.9	PASS
11G	Ant1	2462	0~Reference	-1.48	-1.48	---	PASS
11G	Ant1	2462	30~1000	-1.48	-37.38	≤-21.48	PASS
11G	Ant1	2462	1000~26500	-1.48	-26.04	≤-21.48	PASS
11N20SISO	Ant1	2412	0~Reference	-1.78	-1.78	---	PASS
11N20SISO	Ant1	2412	30~1000	-1.78	-38.18	≤-21.78	PASS
11N20SISO	Ant1	2412	1000~26500	-1.78	-27.62	≤-21.78	PASS
11N20SISO	Ant1	2437	0~Reference	-1.02	-1.02	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.02	-38.75	≤-21.02	PASS
11N20SISO	Ant1	2437	1000~26500	-1.02	-27.41	≤-21.02	PASS
11N20SISO	Ant1	2462	0~Reference	-1.26	-1.26	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.26	-38.11	≤-21.26	PASS
11N20SISO	Ant1	2462	1000~26500	-1.26	-27.32	≤-21.26	PASS
11N40SISO	Ant1	2422	0~Reference	-3.90	-3.90	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.90	-38.58	≤-23.9	PASS
11N40SISO	Ant1	2422	1000~26500	-3.90	-27.48	≤-23.9	PASS
11N40SISO	Ant1	2437	0~Reference	-3.99	-3.99	---	PASS
11N40SISO	Ant1	2437	30~1000	-3.99	-38.1	≤-23.99	PASS
11N40SISO	Ant1	2437	1000~26500	-3.99	-26.07	≤-23.99	PASS
11N40SISO	Ant1	2452	0~Reference	-4.32	-4.32	---	PASS
11N40SISO	Ant1	2452	30~1000	-4.32	-37.91	≤-24.32	PASS
11N40SISO	Ant1	2452	1000~26500	-4.32	-27.29	≤-24.32	PASS

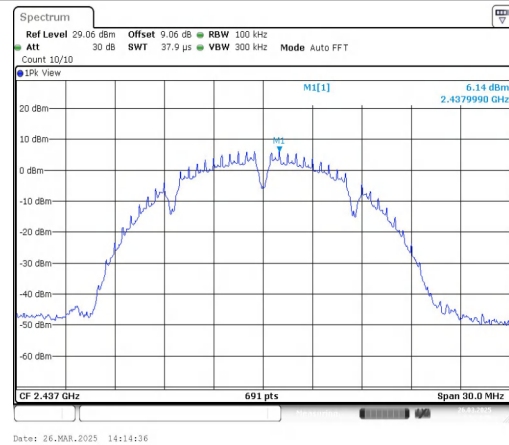
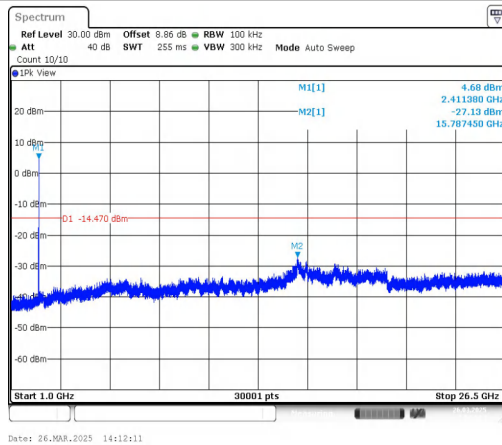


Test Graphs



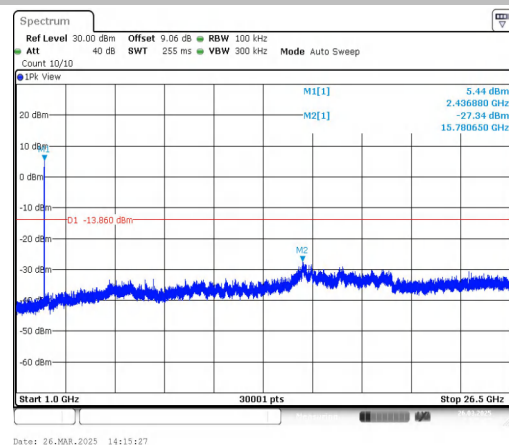
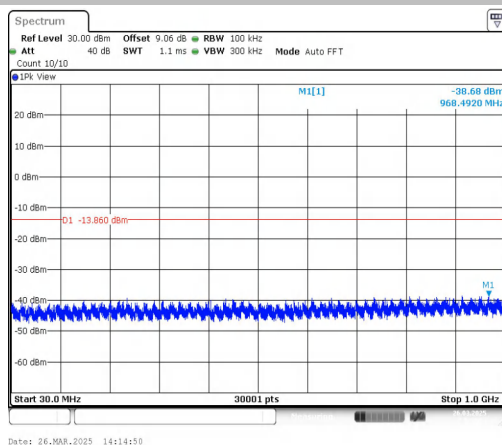
11B-Ant1-2412-0~Reference-PASS

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



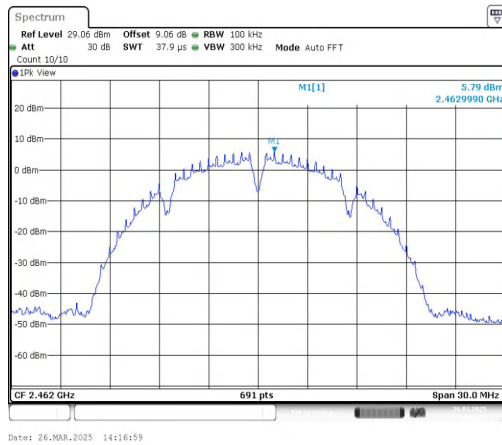
11B-Ant1-2412-1000~26500-PASS

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

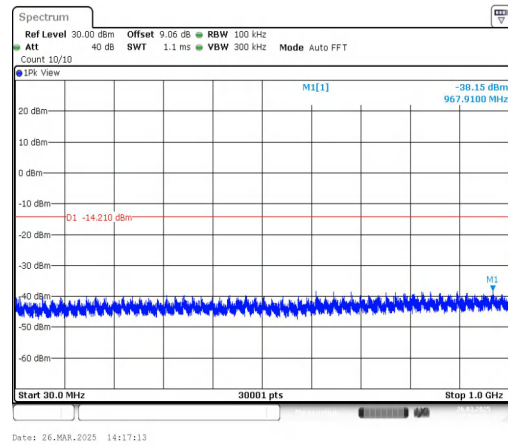


11B-Ant1-2437-30~1000-PASS

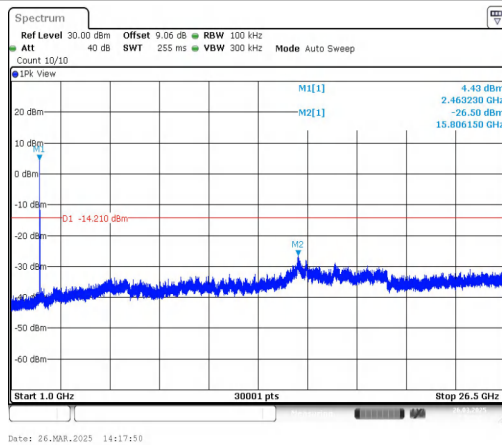
11B-Ant1-2437-1000~26500-PASS



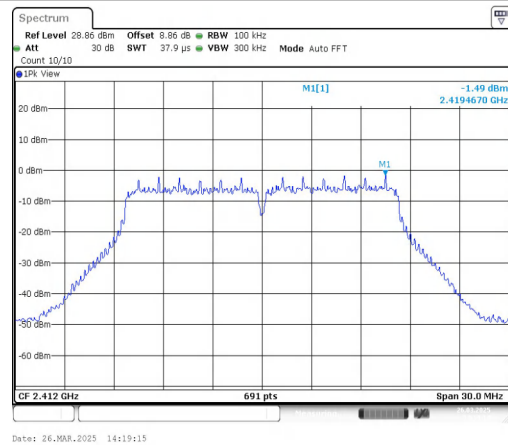
11B-Ant1-2462-0~Reference-PASS



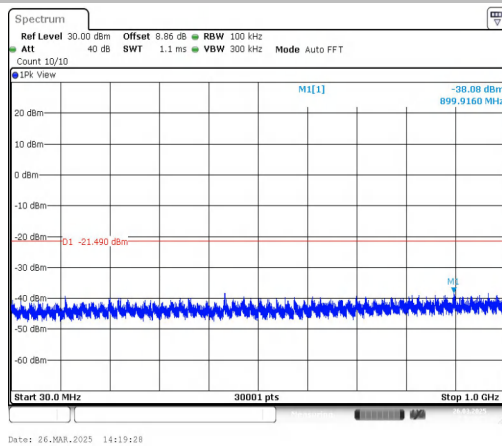
11B-Ant1-2462-30~1000-PASS



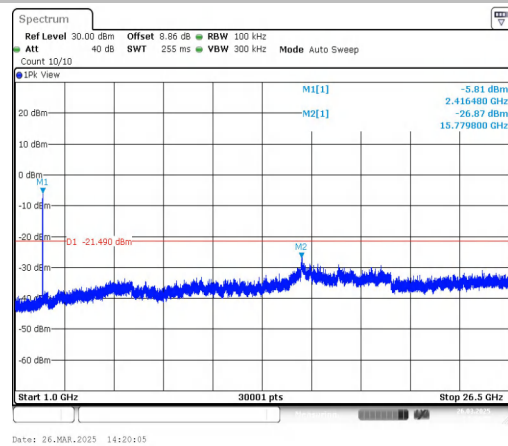
11B-Ant1-2462-1000~26500-PASS



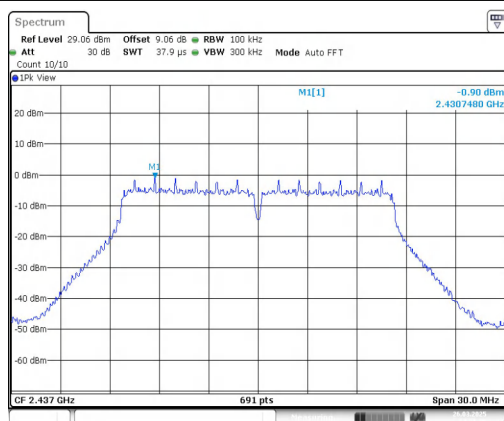
11G-Ant1-2412-0~Reference-PASS



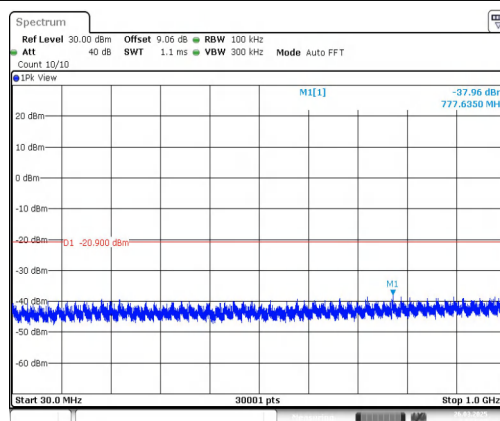
11G-Ant1-2412-30~1000-PASS



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



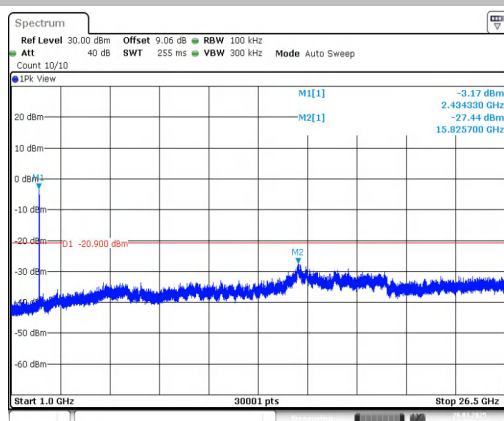
Date: 26.Nov.2025 14:21:29



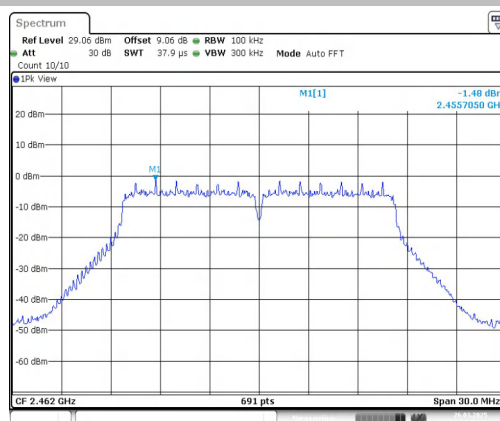
Date: 26.Nov.2025 14:21:43

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

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



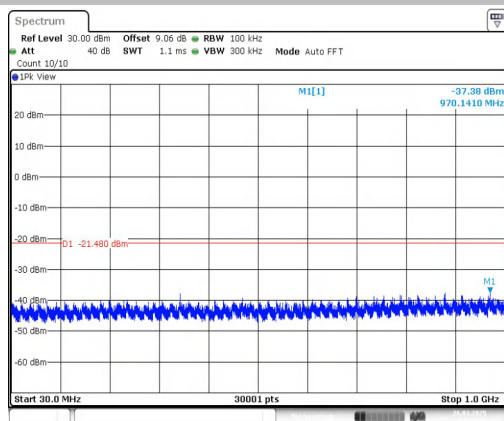
Date: 26.Nov.2025 14:22:20



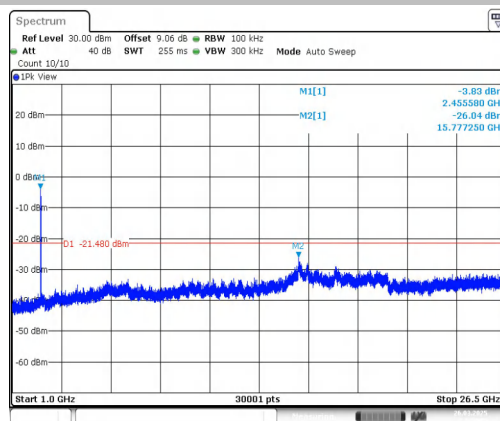
Date: 26.Nov.2025 14:23:48

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

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



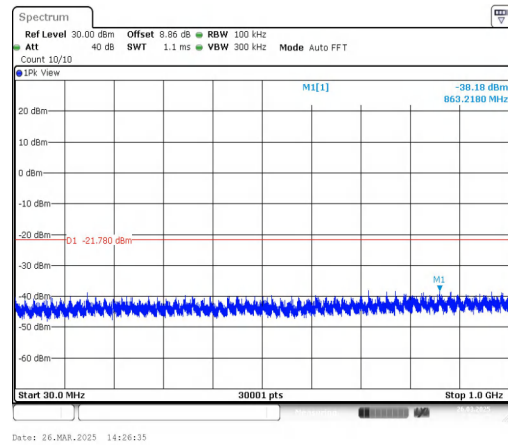
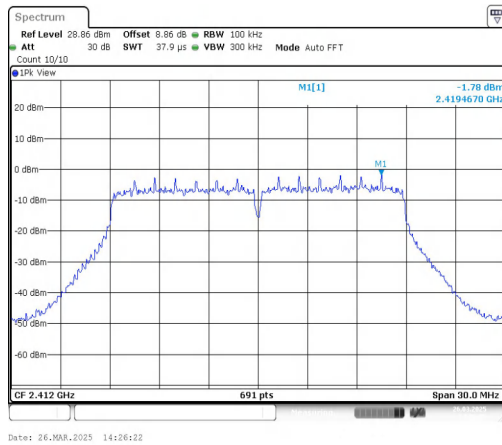
Date: 26.Nov.2025 14:24:02



Date: 26.Nov.2025 14:24:39

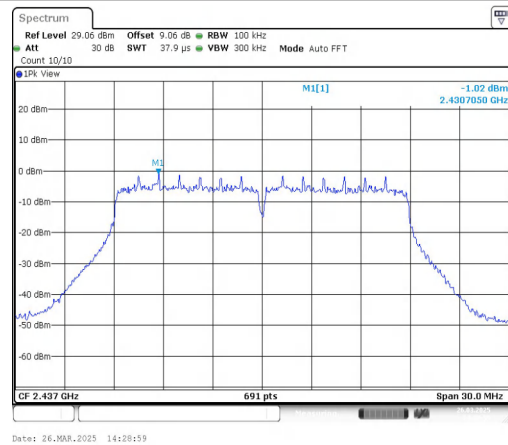
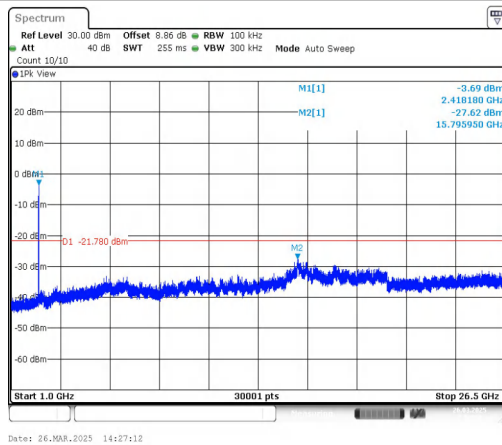
11G-Ant1-2462-30~1000-PASS

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



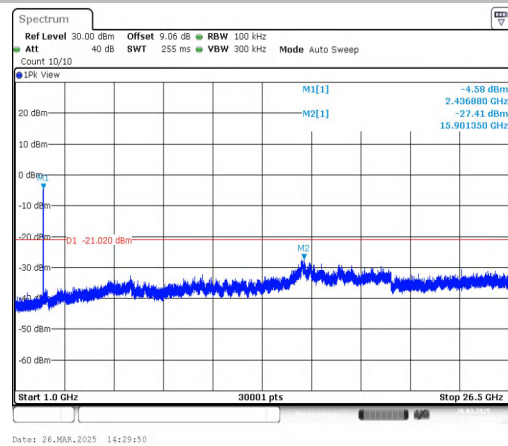
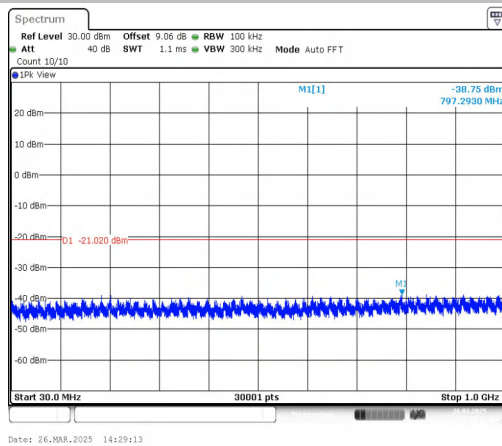
11N20SISO-Ant1-2412-0~Reference-PASS

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



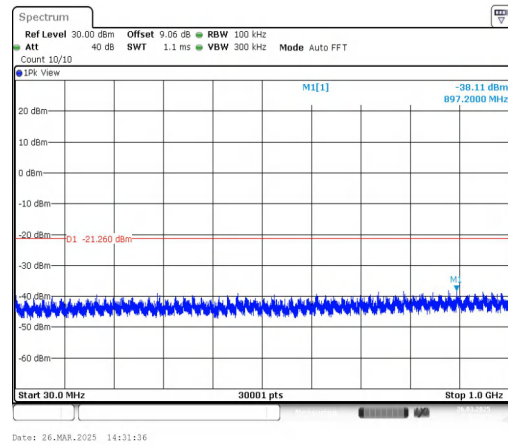
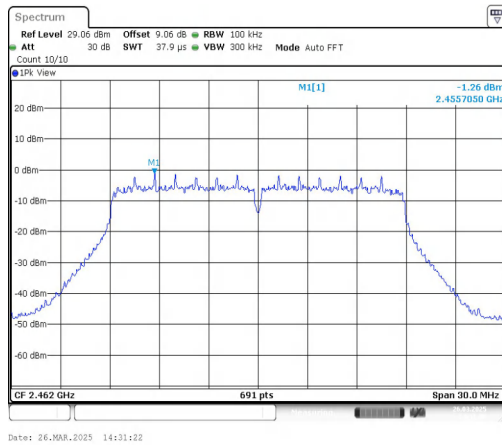
11N20SISO-Ant1-2412-1000~26500-PASS

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



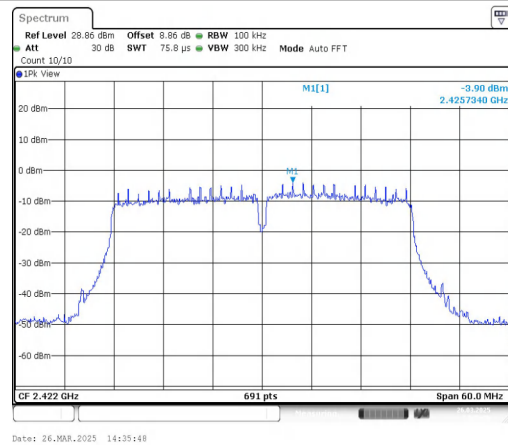
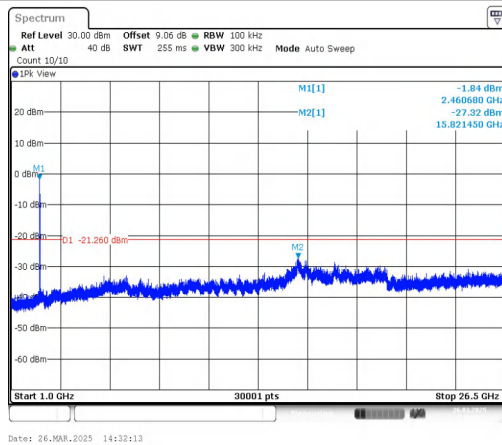
11N20SISO-Ant1-2437-30~1000-PASS

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



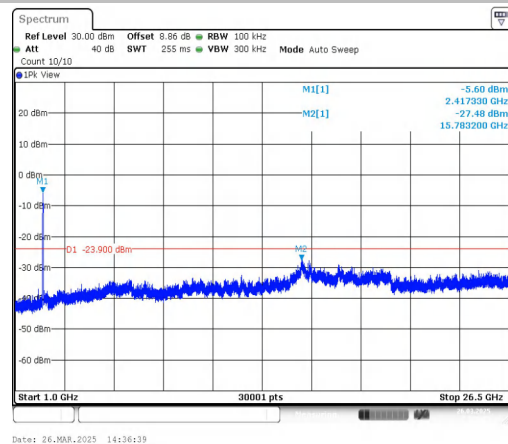
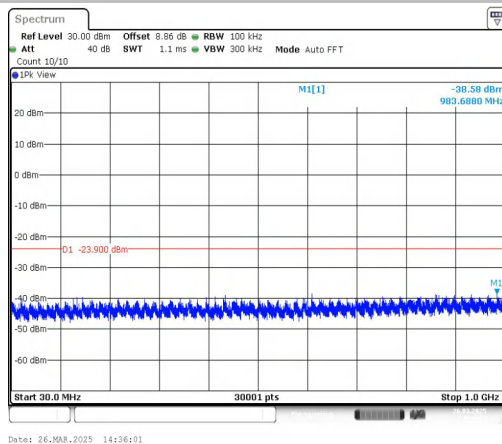
11N20SISO-Ant1-2462-0~Reference-PASS

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



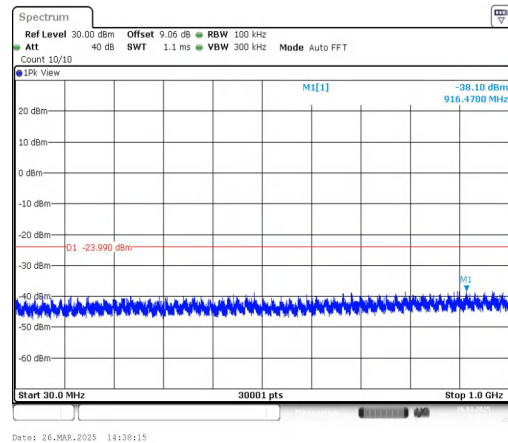
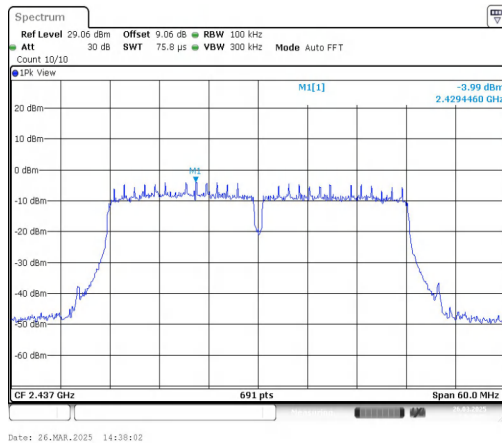
11N20SISO-Ant1-2462-1000~26500-PASS

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



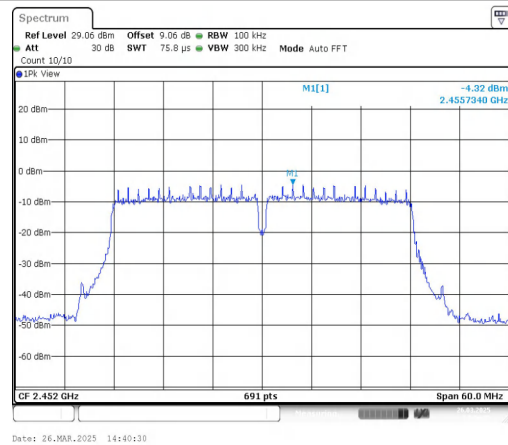
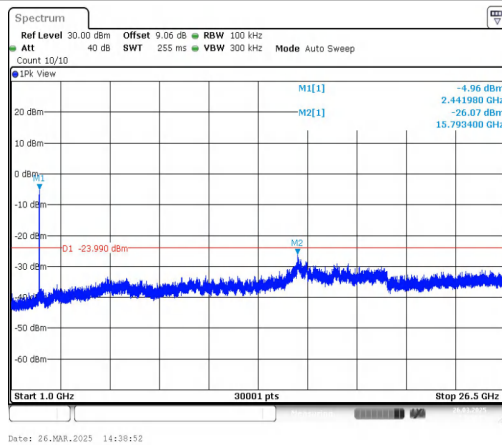
11N40SISO-Ant1-2422-30~1000-PASS

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



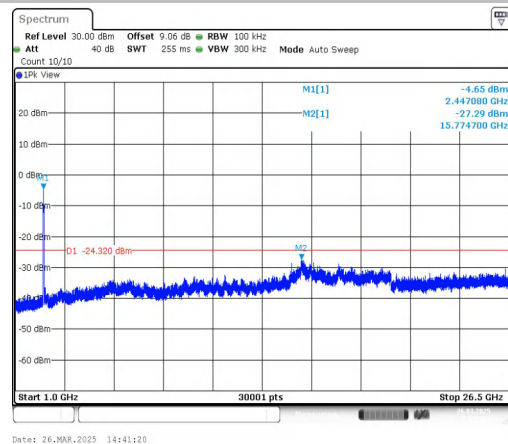
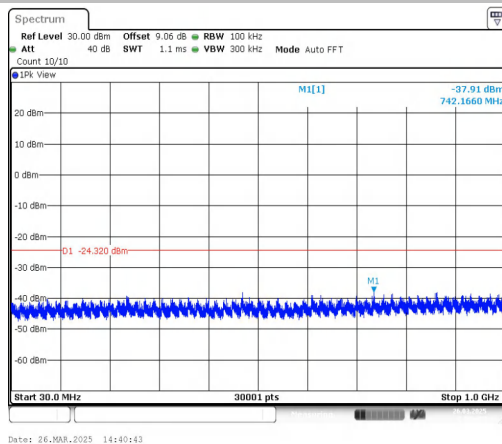
11N40SISO-Ant1-2437-0~Reference-PASS

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



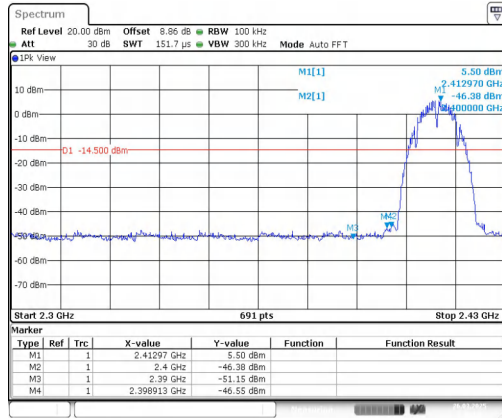
Appendix F: Band edge measurements

Test Result

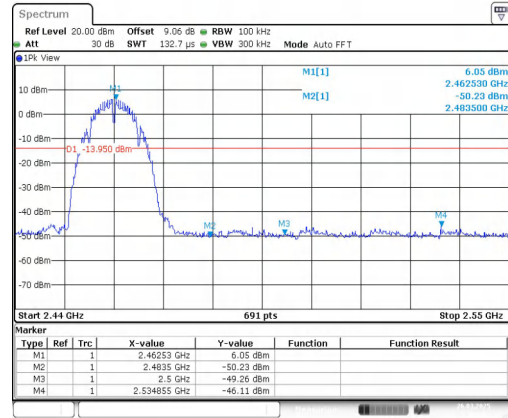
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.50	-46.55	≤ -14.5	PASS
11B	Ant1	High	2462	6.05	-46.11	≤ -13.95	PASS
11G	Ant1	Low	2412	-1.70	-41.95	≤ -21.7	PASS
11G	Ant1	High	2462	-2.07	-46.45	≤ -22.07	PASS
11N20SISO	Ant1	Low	2412	-2.00	-40.8	≤ -22	PASS
11N20SISO	Ant1	High	2462	-2.27	-46.86	≤ -22.27	PASS
11N40SISO	Ant1	Low	2422	-4.39	-44.22	≤ -24.39	PASS
11N40SISO	Ant1	High	2452	-4.56	-46.69	≤ -24.56	PASS



Test Graphs



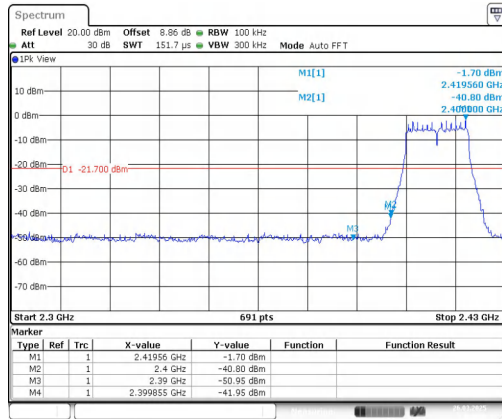
Date: 26.MAR.2025 14:11:11



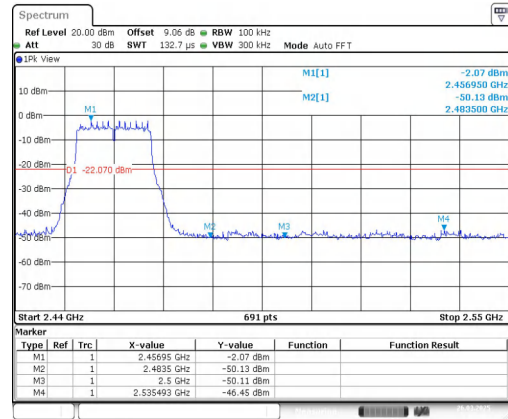
Date: 26.MAR.2025 14:16:50

11B-Ant1-2412-PASS

11B-Ant1-2462-PASS



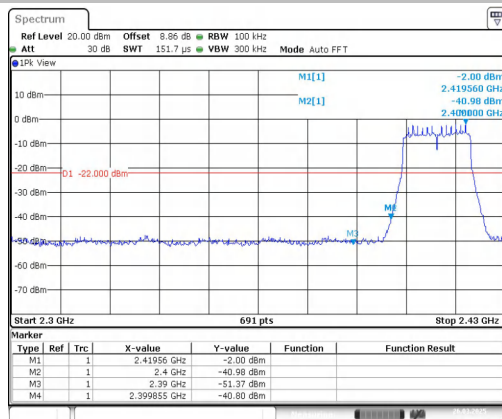
Date: 26.MAR.2025 14:19:06



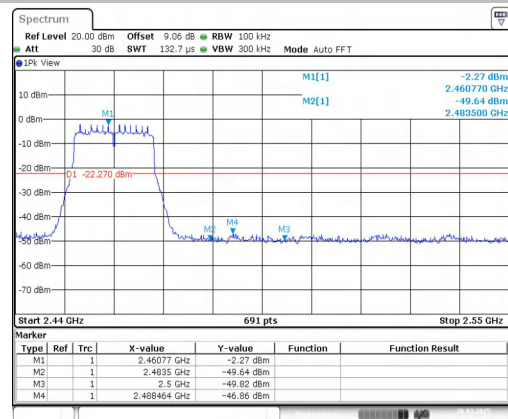
Date: 26.MAR.2025 14:23:39

11G-Ant1-2412-PASS

11G-Ant1-2462-PASS



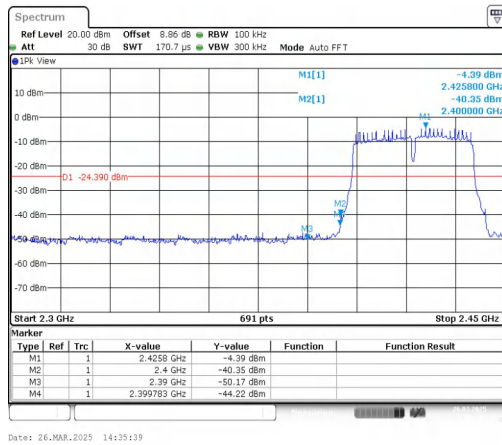
Date: 26.MAR.2025 14:26:13



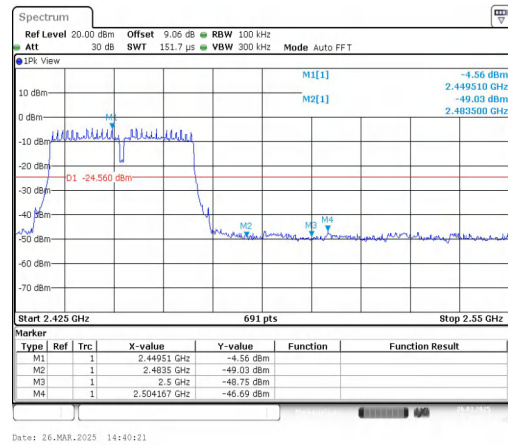
Date: 26.MAR.2025 14:31:14

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



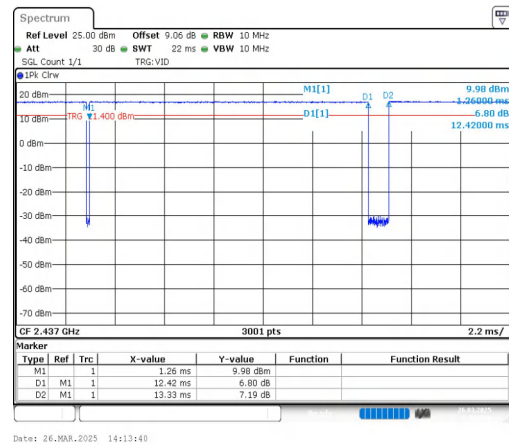
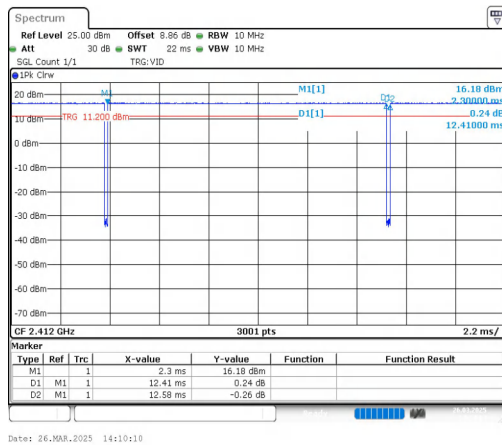
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B	Ant1	2412	12.41	12.58	98.65	0.06
11B	Ant1	2437	12.42	13.33	93.17	0.31
11B	Ant1	2462	12.41	12.57	98.73	0.06
11G	Ant1	2412	2.06	2.23	92.38	0.34
11G	Ant1	2437	2.07	2.24	92.41	0.34
11G	Ant1	2462	2.06	2.21	93.21	0.31
11N20SISO	Ant1	2412	1.91	2.07	92.27	0.35
11N20SISO	Ant1	2437	1.92	2.00	96.00	0.18
11N20SISO	Ant1	2462	1.92	2.04	94.12	0.26
11N40SISO	Ant1	2422	0.95	1.12	84.82	0.72
11N40SISO	Ant1	2437	0.94	1.08	87.04	0.60
11N40SISO	Ant1	2452	0.95	1.09	87.16	0.60

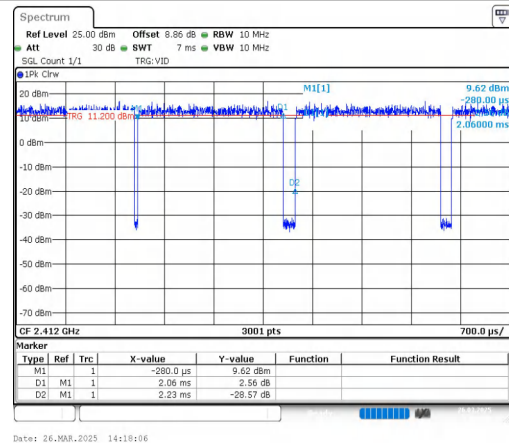
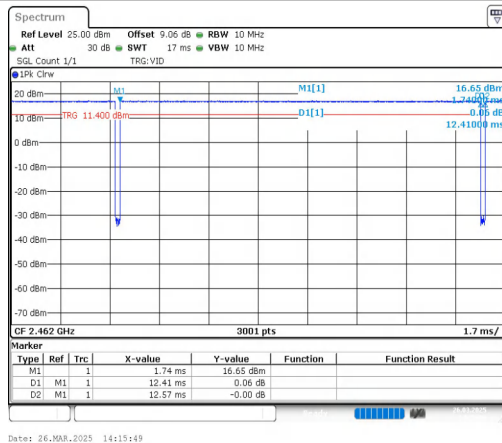


Test Graphs



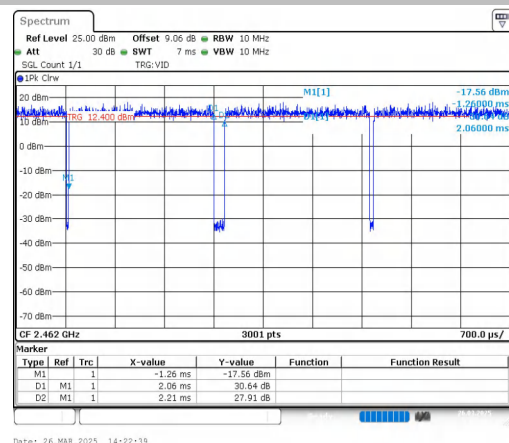
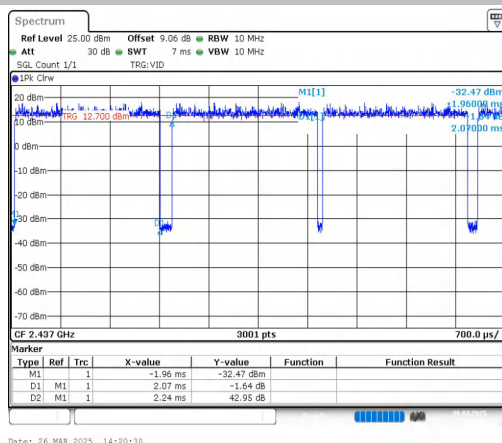
NTNV-11B-Ant1-2412

NTNV-11B-Ant1-2437



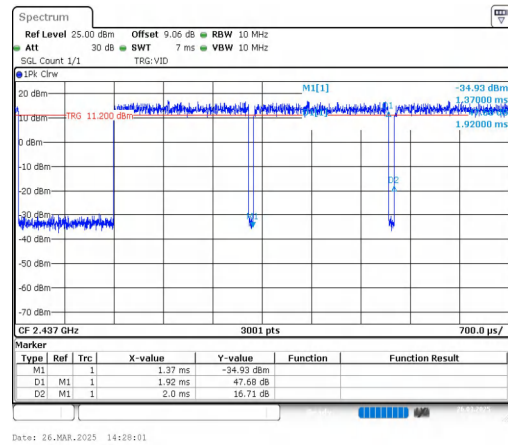
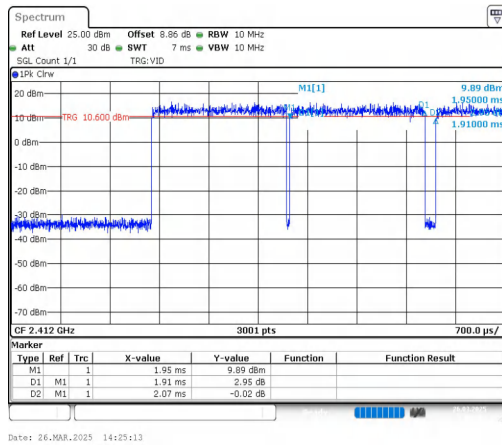
NTNV-11B-Ant1-2462

NTNV-11G-Ant1-2412



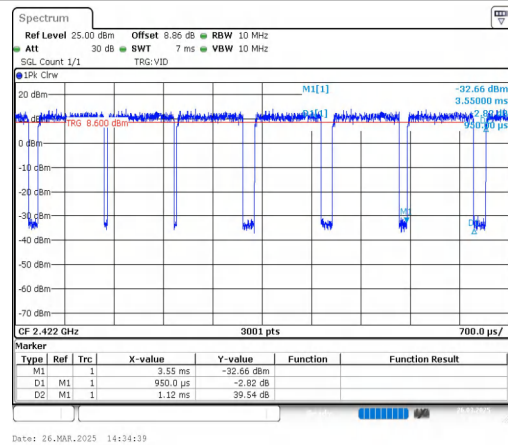
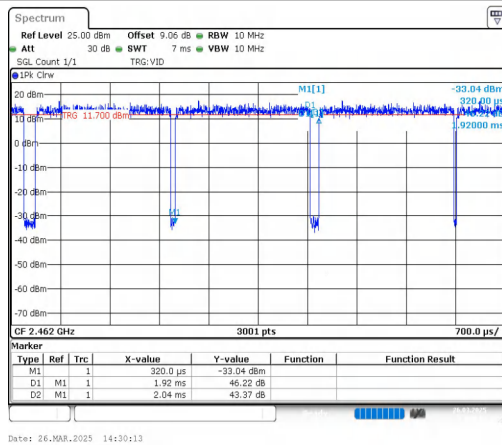
NTNV-11G-Ant1-2437

NTNV-11G-Ant1-2462



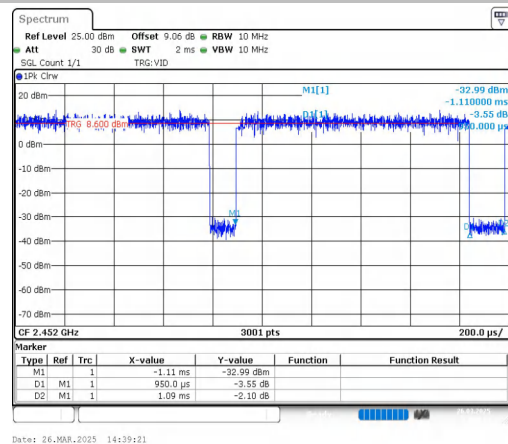
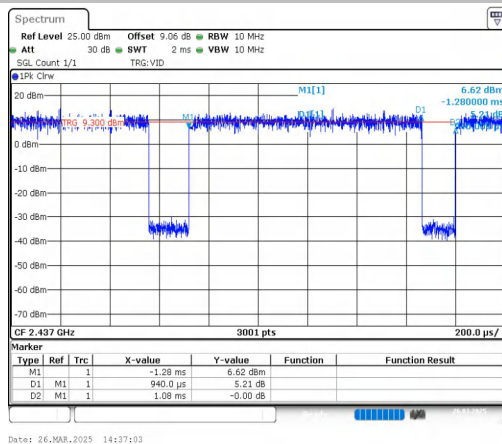
NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462

NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

NTNV-11N40SISO-Ant1-2452

-----END-----