



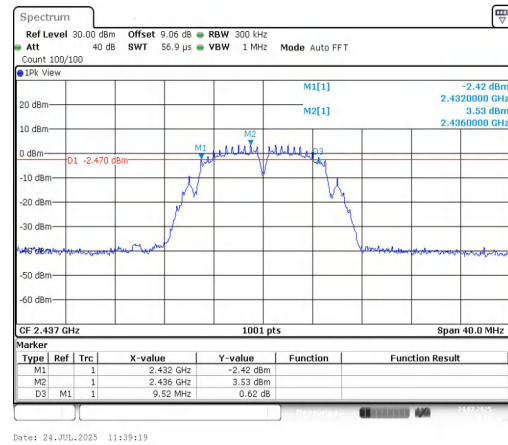
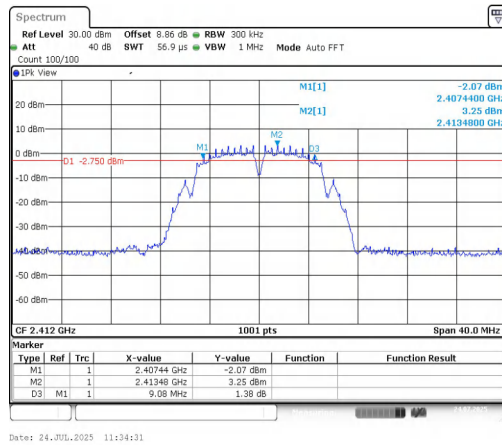
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.08	2407.44	2416.52	0.5	PASS
11B	Ant1	2437	9.52	2432.00	2441.52	0.5	PASS
11B	Ant1	2462	9.08	2457.44	2466.52	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	16.32	2453.84	2470.16	0.5	PASS
11N20SISO	Ant1	2412	17.60	2403.20	2420.80	0.5	PASS
11N20SISO	Ant1	2437	17.60	2428.20	2445.80	0.5	PASS
11N20SISO	Ant1	2462	17.56	2453.24	2470.80	0.5	PASS

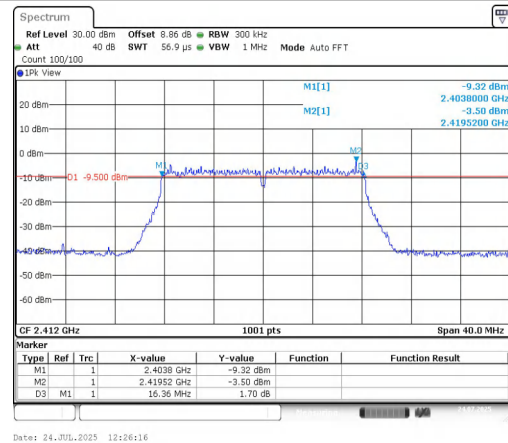
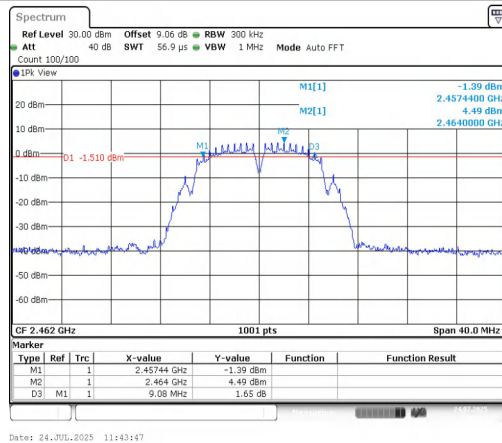


Test Graphs



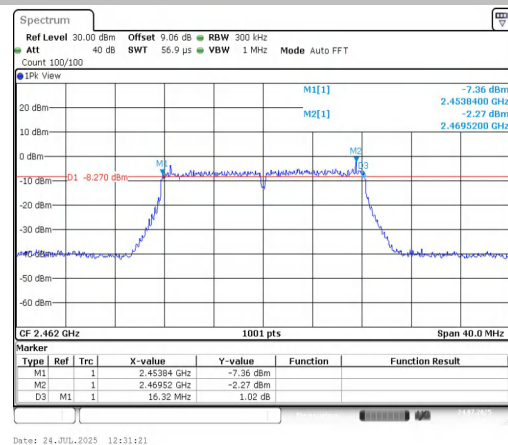
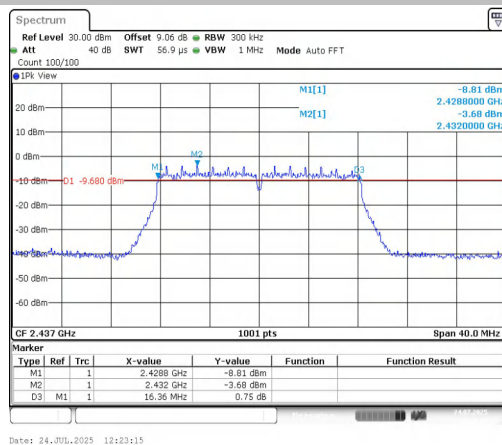
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



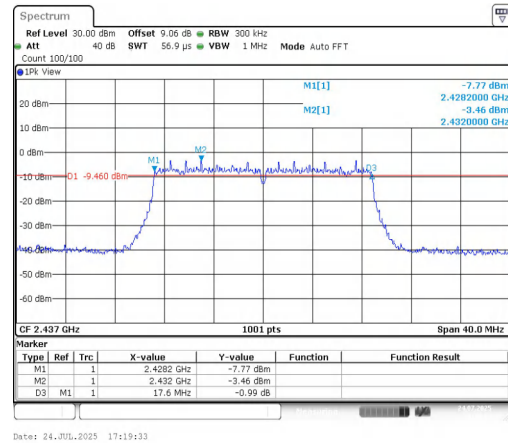
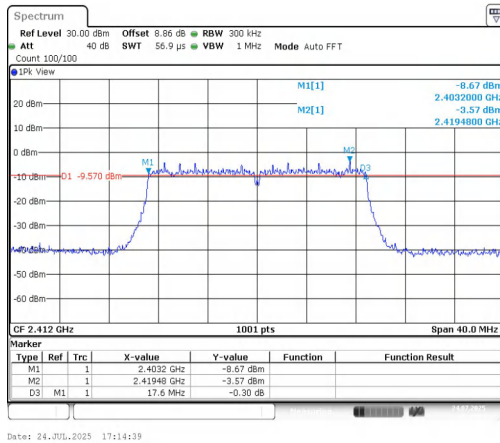
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



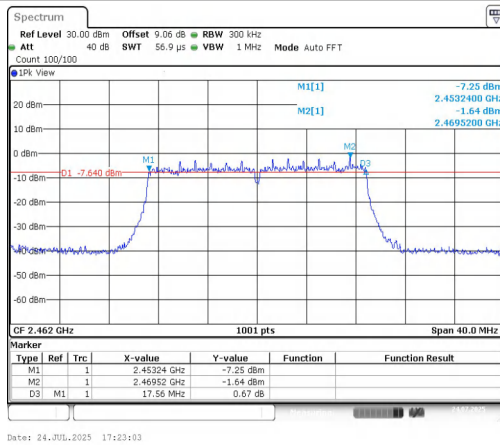
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



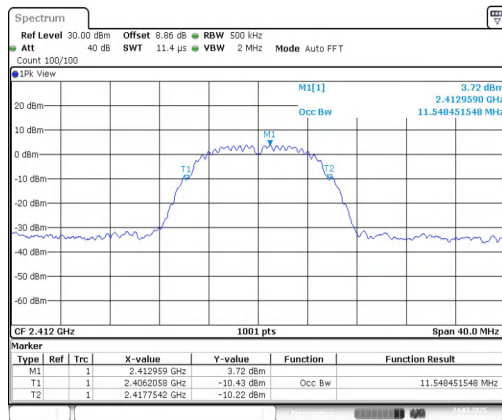
Appendix B: Occupied Channel Bandwidth

Test Result

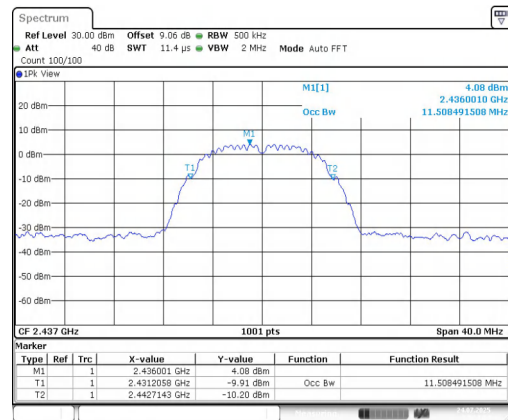
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.548	2406.2058	2417.7542	---	---
11B	Ant1	2437	11.508	2431.2058	2442.7143	---	---
11B	Ant1	2462	11.469	2456.3257	2467.7942	---	---
11G	Ant1	2412	16.903	2403.5285	2420.4316	---	---
11G	Ant1	2437	16.943	2428.5285	2445.4715	---	---
11G	Ant1	2462	16.983	2453.5285	2470.5115	---	---
11N20SISO	Ant1	2412	17.902	2403.0889	2420.9910	---	---
11N20SISO	Ant1	2437	17.822	2428.0490	2445.8711	---	---
11N20SISO	Ant1	2462	17.862	2453.1289	2470.9910	---	---



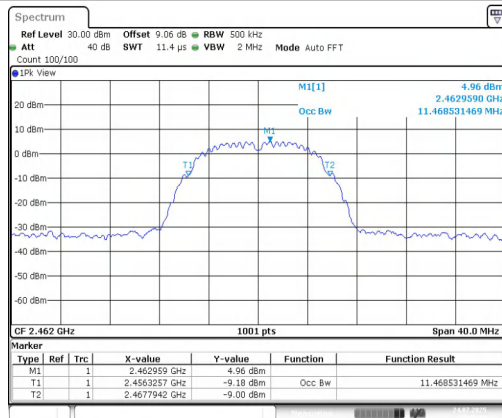
Test Graphs



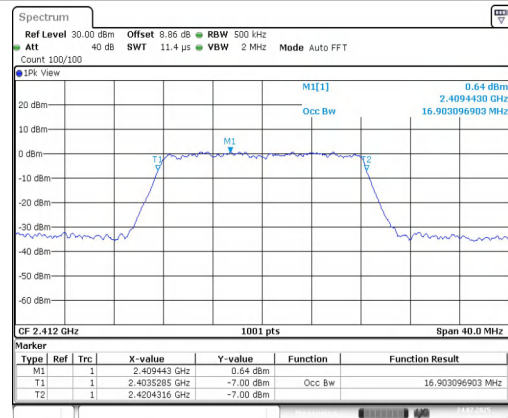
11B-Ant1-2412



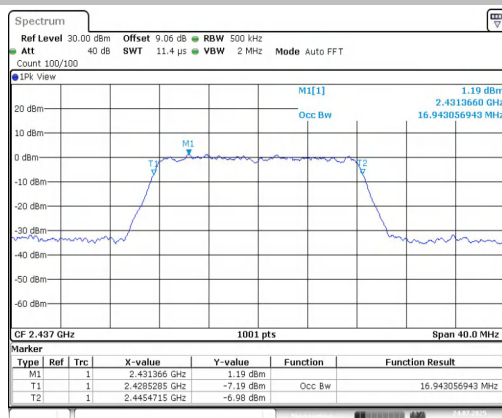
11B-Ant1-2437



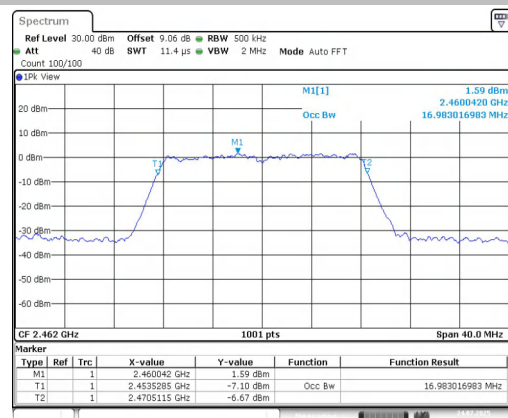
11B-Ant1-2462



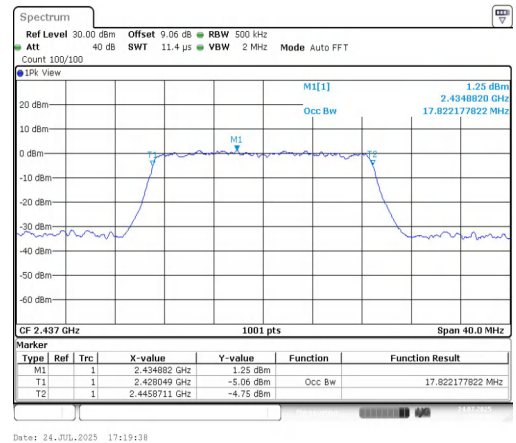
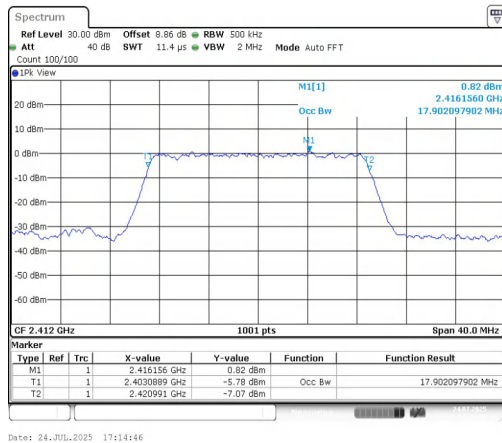
11G-Ant1-2412



11G-Ant1-2437

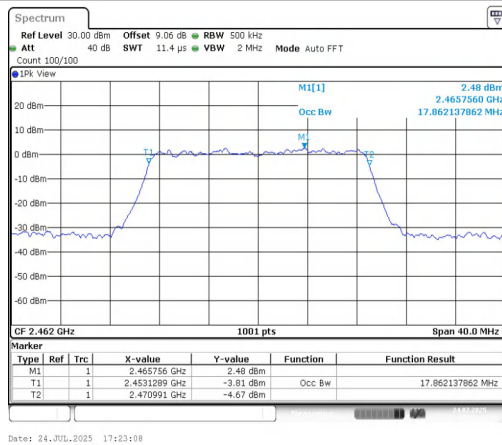


11G-Ant1-2462



11N20SISO-Ant1-2412

11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	Verdict
11B	Ant1	2412	15.40	≤30.00	2.08	PASS
11B	Ant1	2437	15.75	≤30.00	2.08	PASS
11B	Ant1	2462	16.58	≤30.00	2.08	PASS
11G	Ant1	2412	16.00	≤30.00	2.08	PASS
11G	Ant1	2437	15.92	≤30.00	2.08	PASS
11G	Ant1	2462	16.81	≤30.00	2.08	PASS
11N20SISO	Ant1	2412	15.89	≤30.00	2.08	PASS
11N20SISO	Ant1	2437	16.37	≤30.00	2.08	PASS
11N20SISO	Ant1	2462	17.45	≤30.00	2.08	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	11.99	0.01	12.00	≤30.00	2.08	PASS
11B	Ant1	2437	11.83	0.01	11.84	≤30.00	2.08	PASS
11B	Ant1	2462	12.58	0.01	12.59	≤30.00	2.08	PASS
11G	Ant1	2412	7.57	0.06	7.63	≤30.00	2.08	PASS
11G	Ant1	2437	7.12	0.06	7.18	≤30.00	2.08	PASS
11G	Ant1	2462	7.90	0.06	7.96	≤30.00	2.08	PASS
11N20SISO	Ant1	2412	7.40	0.07	7.47	≤30.00	2.08	PASS
11N20SISO	Ant1	2437	7.54	0.07	7.61	≤30.00	2.08	PASS
11N20SISO	Ant1	2462	8.44	0.07	8.51	≤30.00	2.08	PASS

AV Power [dBm]= Reading power +DC Factor



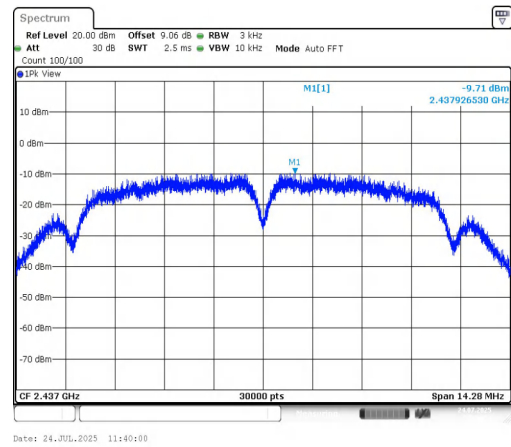
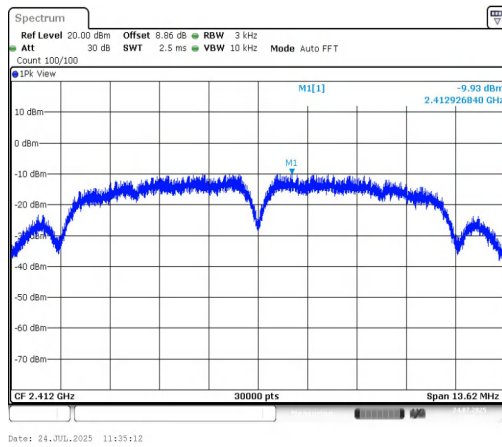
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.93	≤8.00	PASS
11B	Ant1	2437	-9.71	≤8.00	PASS
11B	Ant1	2462	-8.78	≤8.00	PASS
11G	Ant1	2412	-16.48	≤8.00	PASS
11G	Ant1	2437	-16.64	≤8.00	PASS
11G	Ant1	2462	-15.55	≤8.00	PASS
11N20SISO	Ant1	2412	-16.28	≤8.00	PASS
11N20SISO	Ant1	2437	-15.54	≤8.00	PASS
11N20SISO	Ant1	2462	-14.71	≤8.00	PASS

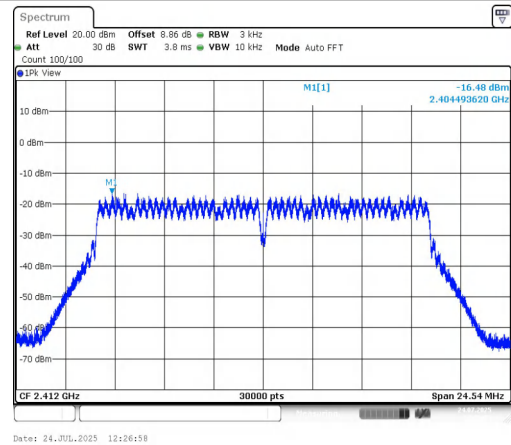
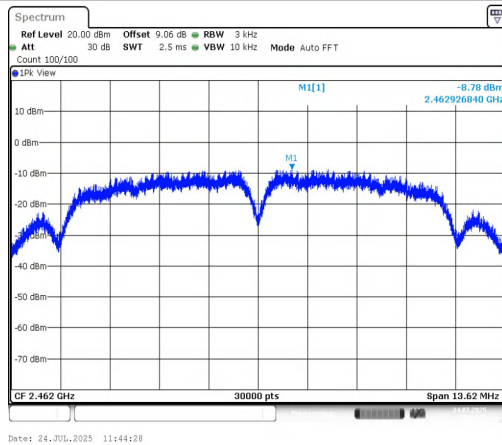


Test Graphs



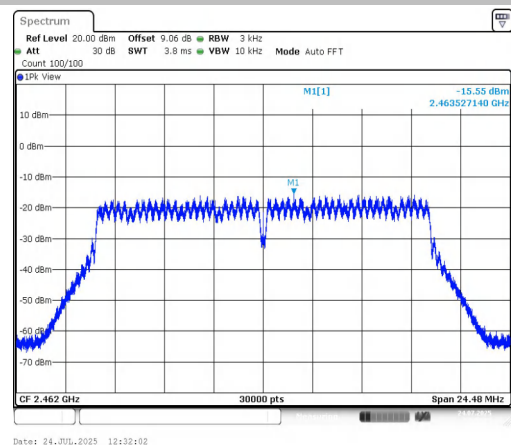
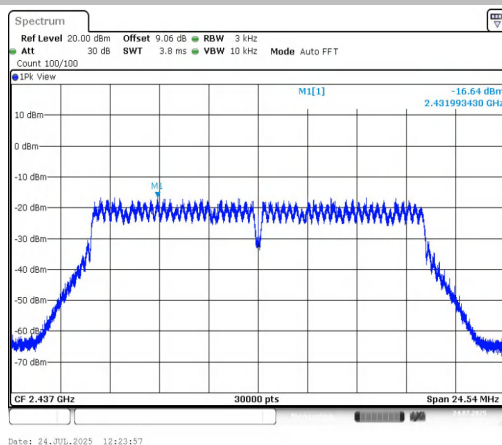
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



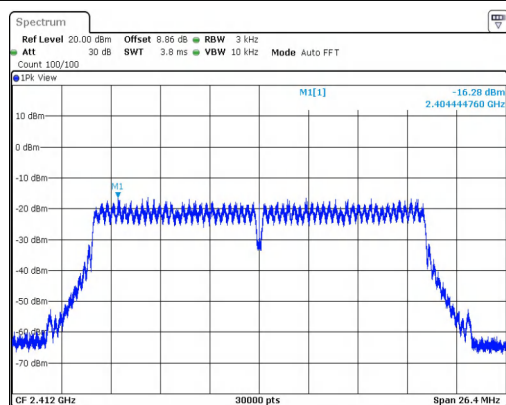
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



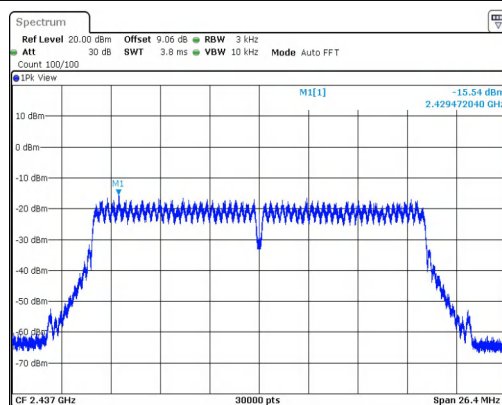
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



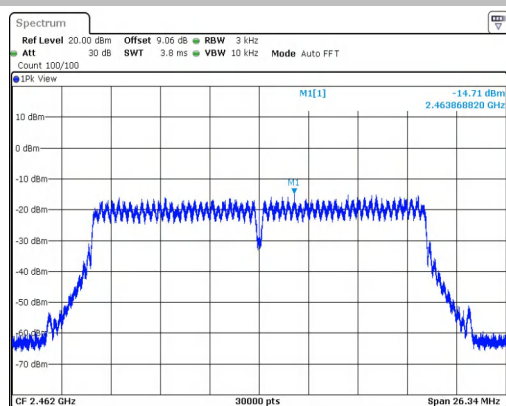
Date: 24.JUL.2025 17:15:23

11N20SISO-Ant1-2412-PASS



Date: 24.JUL.2025 17:20:14

11N20SISO-Ant1-2437-PASS



Date: 24.JUL.2025 17:23:44

11N20SISO-Ant1-2462-PASS



Appendix E: Conducted Spurious Emission

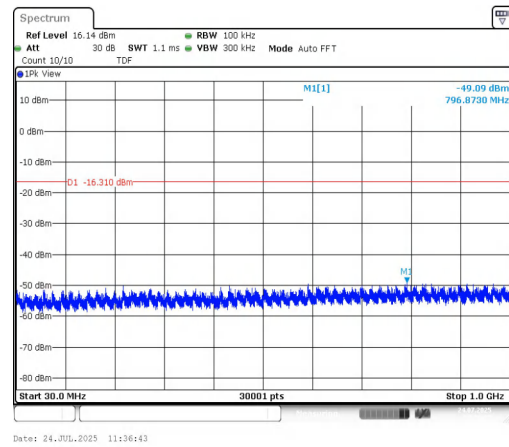
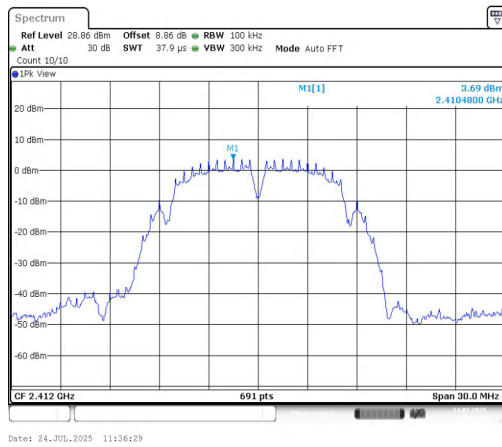
Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.69	3.69	---	PASS
11B	Ant1	2412	30~1000	3.69	-49.09	≤-16.31	PASS
11B	Ant1	2412	1000~26500	3.69	-33.55	≤-16.31	PASS
11B	Ant1	2437	0~Reference	4.00	4.00	---	PASS
11B	Ant1	2437	30~1000	4.00	-49.07	≤-16	PASS
11B	Ant1	2437	1000~26500	4.00	-32.85	≤-16	PASS
11B	Ant1	2462	0~Reference	4.91	4.91	---	PASS
11B	Ant1	2462	30~1000	4.91	-48.72	≤-15.09	PASS
11B	Ant1	2462	1000~26500	4.91	-33.07	≤-15.09	PASS
11G	Ant1	2412	0~Reference	-3.30	-3.30	---	PASS
11G	Ant1	2412	30~1000	-3.30	-47.66	≤-23.3	PASS
11G	Ant1	2412	1000~26500	-3.30	-33.21	≤-23.3	PASS
11G	Ant1	2437	0~Reference	-3.65	-3.65	---	PASS
11G	Ant1	2437	30~1000	-3.65	-48.66	≤-23.65	PASS
11G	Ant1	2437	1000~26500	-3.65	-32.85	≤-23.65	PASS
11G	Ant1	2462	0~Reference	-2.26	-2.26	---	PASS
11G	Ant1	2462	30~1000	-2.26	-48.67	≤-22.26	PASS
11G	Ant1	2462	1000~26500	-2.26	-33.23	≤-22.26	PASS
11N20SISO	Ant1	2412	0~Reference	-3.24	-3.24	---	PASS
11N20SISO	Ant1	2412	30~1000	-3.24	-48.51	≤-23.24	PASS
11N20SISO	Ant1	2412	1000~26500	-3.24	-32.86	≤-23.24	PASS
11N20SISO	Ant1	2437	0~Reference	-3.20	-3.20	---	PASS
11N20SISO	Ant1	2437	30~1000	-3.20	-48.64	≤-23.2	PASS
11N20SISO	Ant1	2437	1000~26500	-3.20	-32.89	≤-23.2	PASS
11N20SISO	Ant1	2462	0~Reference	-1.92	-1.92	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.92	-47.98	≤-21.92	PASS
11N20SISO	Ant1	2462	1000~26500	-1.92	-33.36	≤-21.92	PASS

Note: The built-in loss(TDF) includes the cable loss and attenuation coefficient.

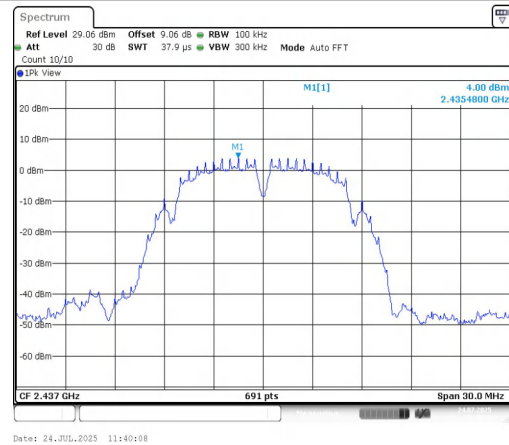
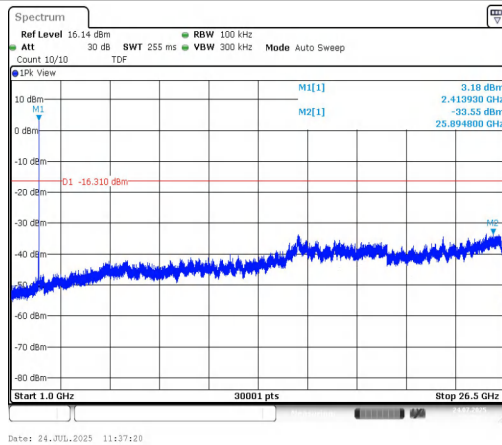


Test Graphs



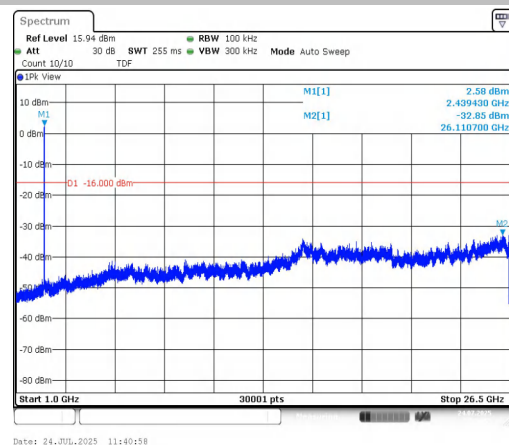
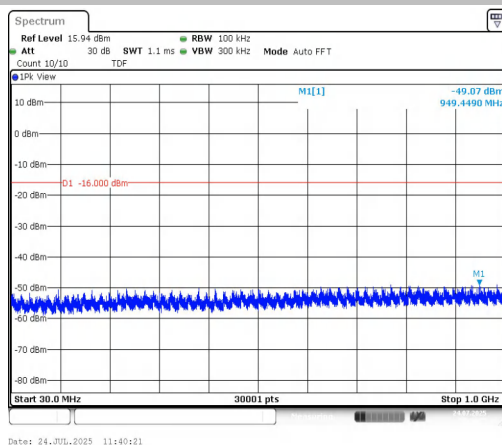
11B-Ant1-2412-0~Reference-PASS

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



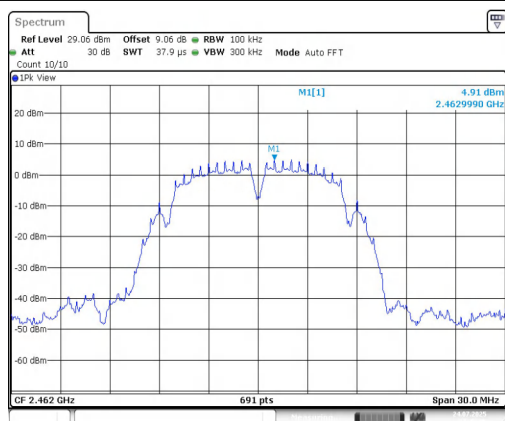
11B-Ant1-2412-1000~26500-PASS

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

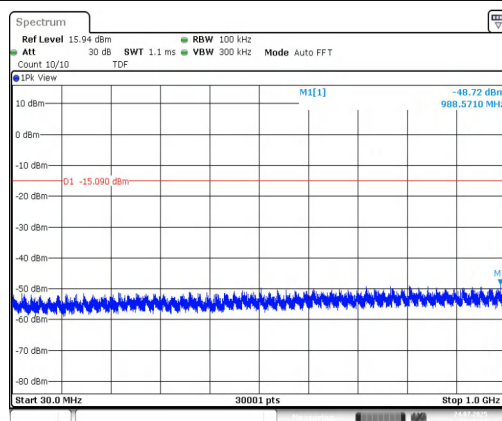


11B-Ant1-2437-30~1000-PASS

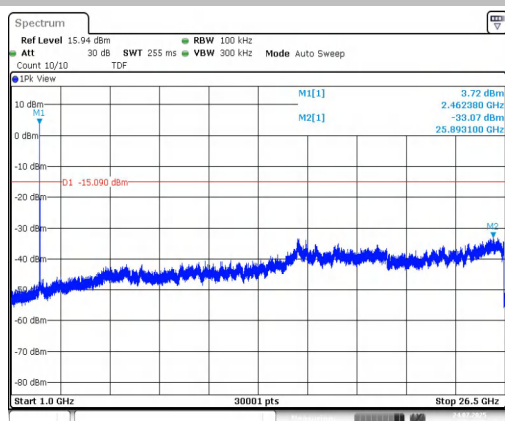
11B-Ant1-2437-1000~26500-PASS



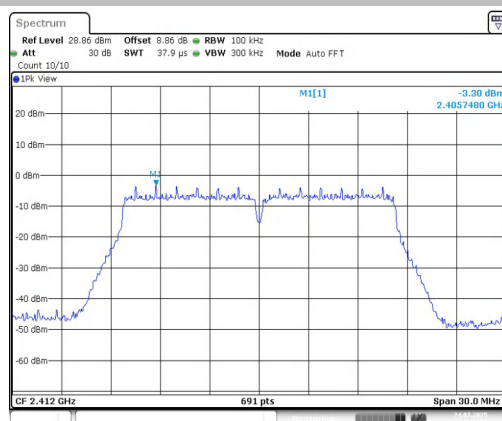
11B-Ant1-2462-0~Reference-PASS



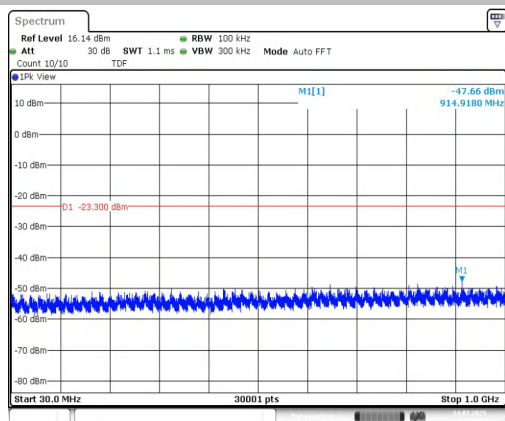
11B-Ant1-2462-30~1000-PASS



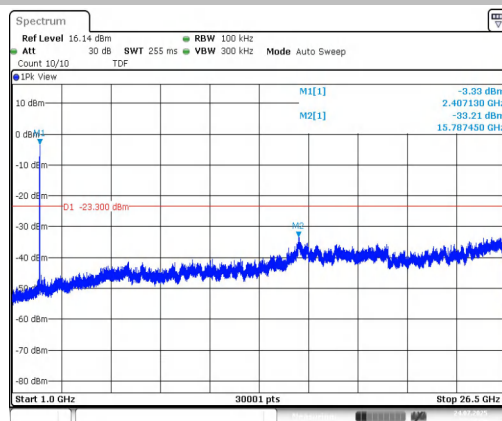
11B-Ant1-2462-1000~26500-PASS



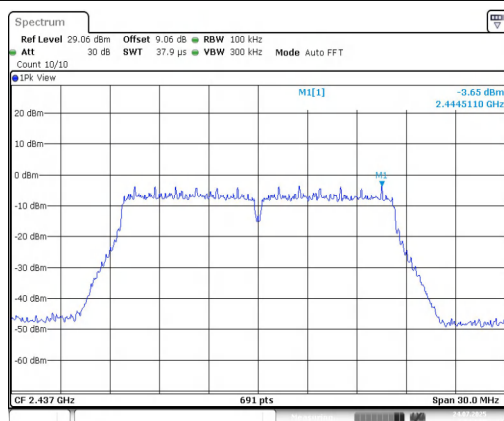
11G-Ant1-2412-0~Reference-PASS



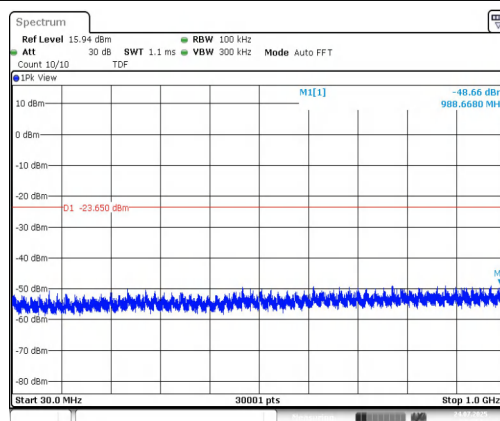
11G-Ant1-2412-30~1000-PASS



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



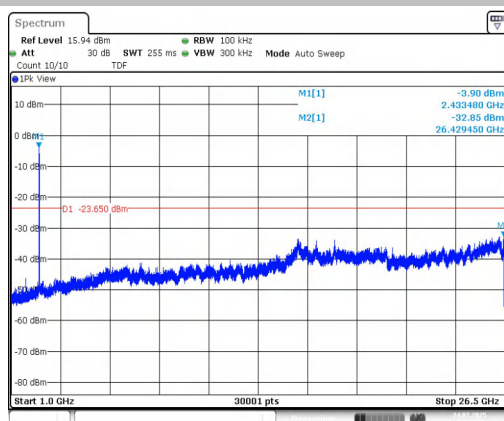
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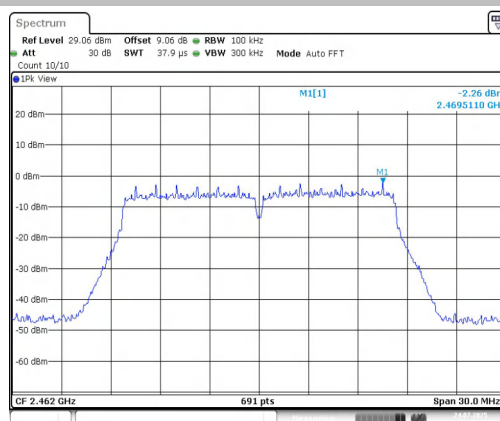
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11G-Ant1-2437-0~Reference-PASS

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



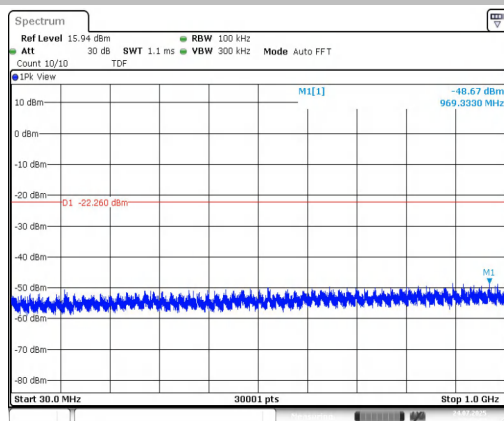
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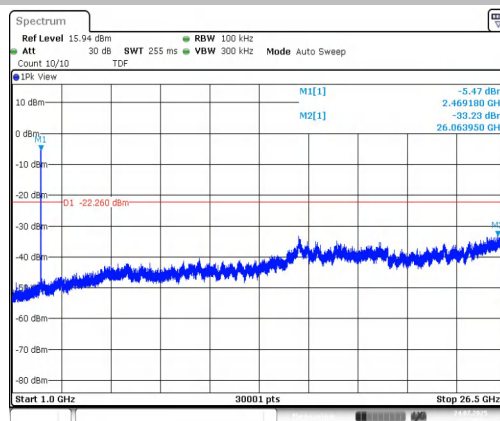
Date: 24.JUL.2025 12:33:20

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

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



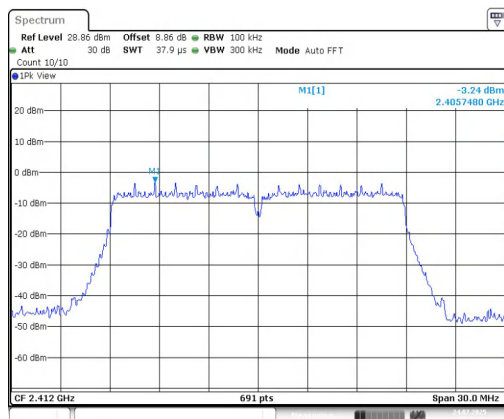
Date: 24.JUL.2025 12:33:33



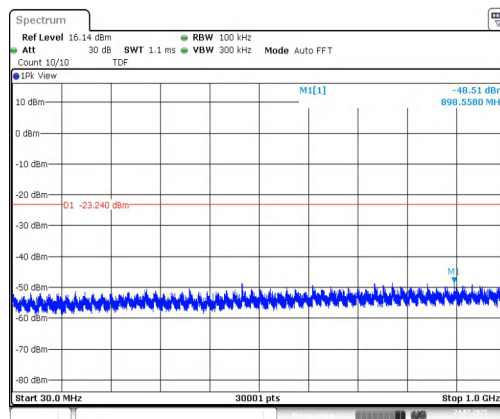
Date: 24.JUL.2025 12:34:10

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

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



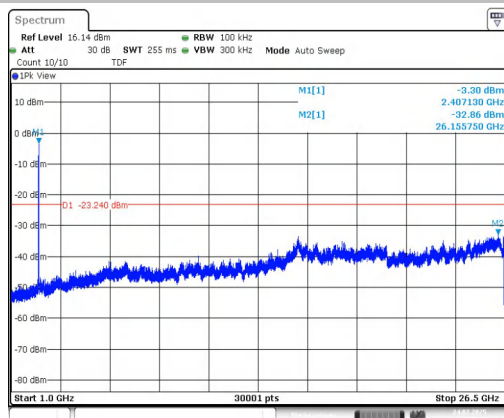
Date: 24.JUL.2025 17:16:41



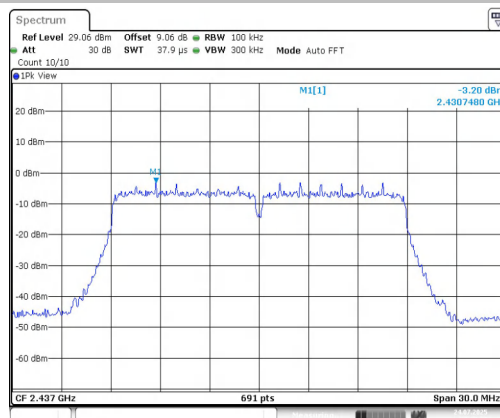
Date: 24.JUL.2025 17:16:54

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

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



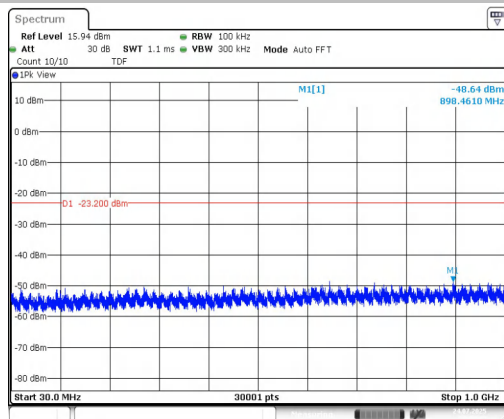
Date: 24.JUL.2025 17:17:31



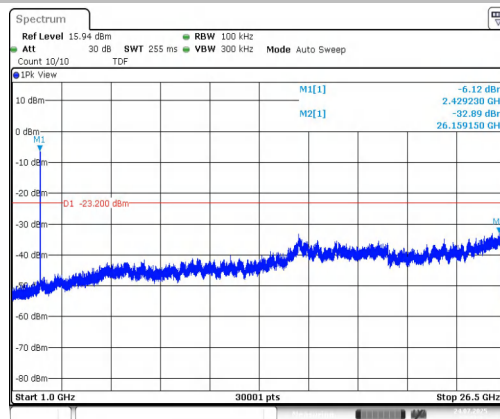
Date: 24.JUL.2025 17:20:22

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

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



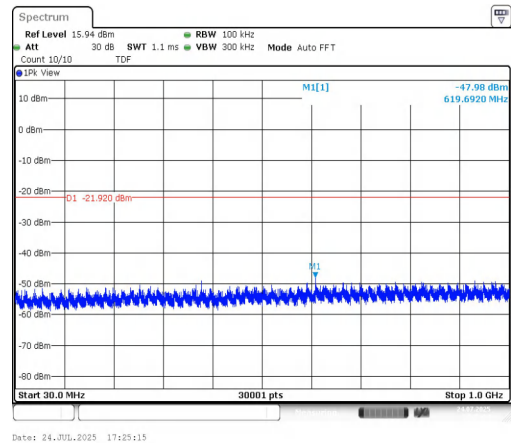
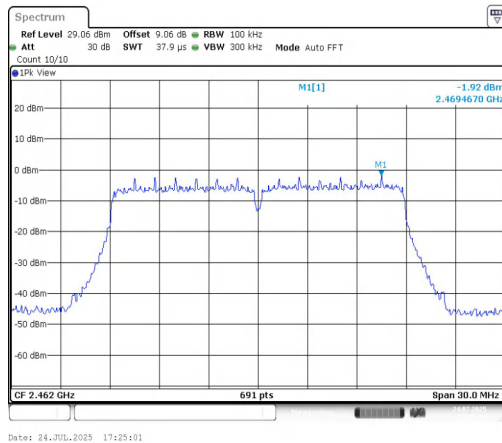
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Date: 24.JUL.2025 17:21:12

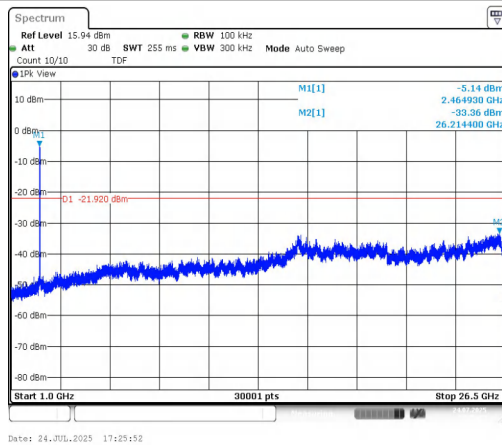
11N20SISO-Ant1-2437-30~1000-PASS

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



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

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



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



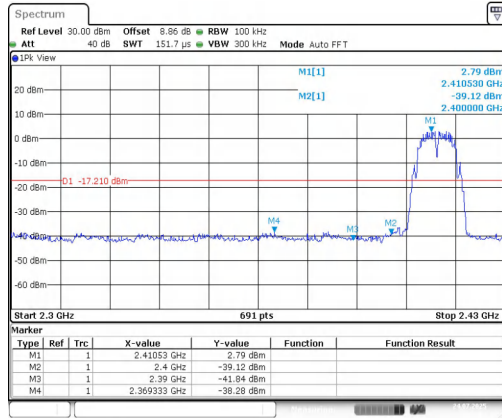
Appendix F: Band edge measurements

Test Result

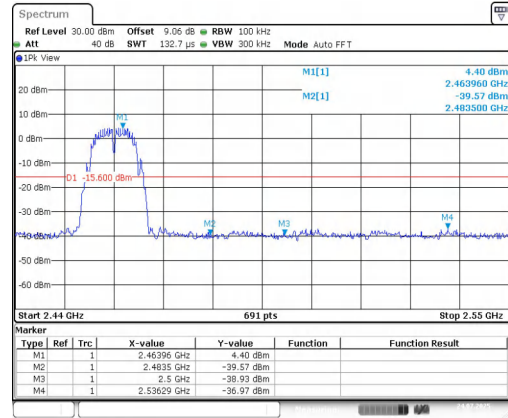
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.79	-38.28	≤ -17.21	PASS
11B	Ant1	High	2462	4.40	-36.97	≤ -15.6	PASS
11G	Ant1	Low	2412	-3.44	-37.59	≤ -23.44	PASS
11G	Ant1	High	2462	-2.83	-36.51	≤ -22.83	PASS
11N20SISO	Ant1	Low	2412	-3.39	-37.64	≤ -23.39	PASS
11N20SISO	Ant1	High	2462	-2.73	-37.29	≤ -22.73	PASS



Test Graphs



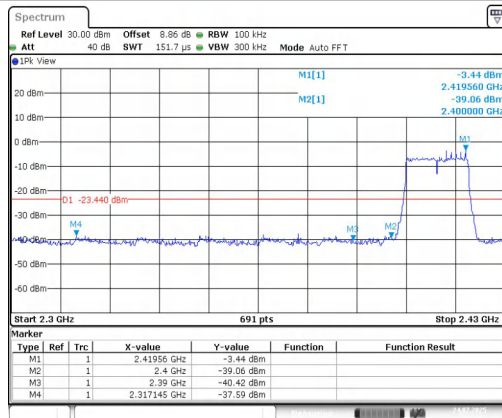
Date: 24.JUL.2025 11:39:21



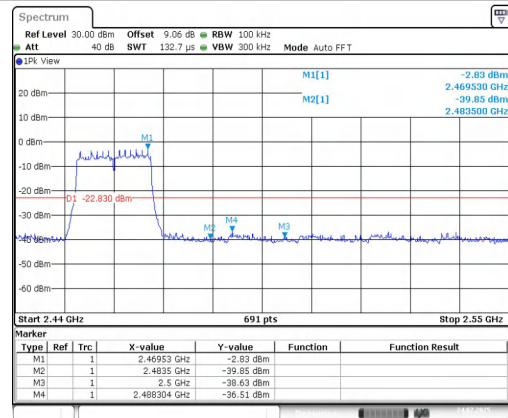
Date: 24.JUL.2025 11:44:37

11B-Ant1-2412-PASS

11B-Ant1-2462-PASS



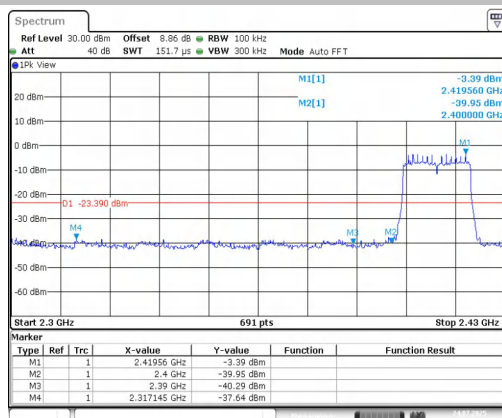
Date: 24.JUL.2025 12:27:07



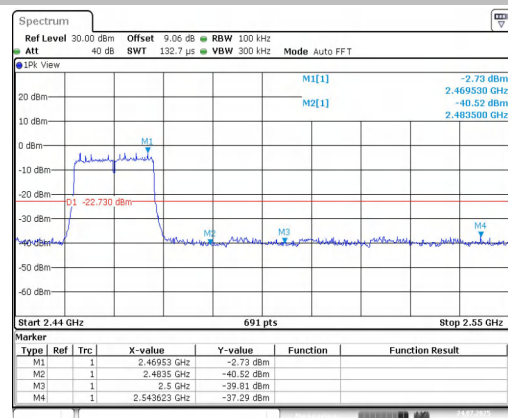
Date: 24.JUL.2025 12:32:12

11G-Ant1-2412-PASS

11G-Ant1-2462-PASS



Date: 24.JUL.2025 17:15:32



Date: 24.JUL.2025 17:23:53

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS



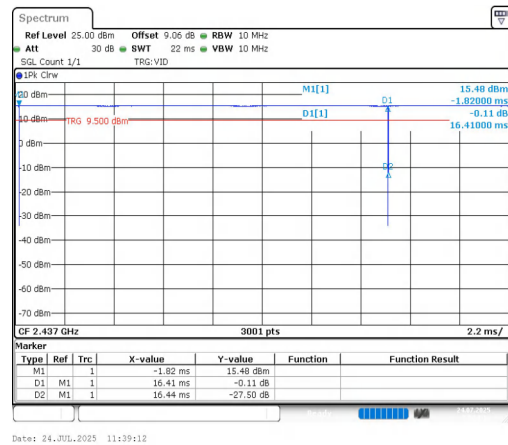
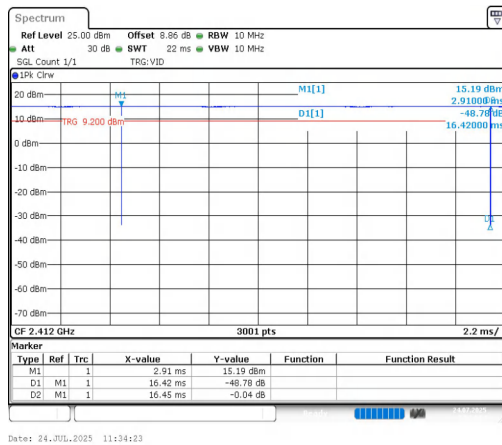
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B	Ant1	2412	16.42	16.45	99.82	0.01
11B	Ant1	2437	16.41	16.44	99.82	0.01
11B	Ant1	2462	16.42	16.45	99.82	0.01
11G	Ant1	2412	2.73	2.77	98.56	0.06
11G	Ant1	2437	2.72	2.76	98.55	0.06
11G	Ant1	2462	2.72	2.76	98.55	0.06
11N20SISO	Ant1	2412	2.53	2.57	98.44	0.07
11N20SISO	Ant1	2437	2.53	2.57	98.44	0.07
11N20SISO	Ant1	2462	2.53	2.57	98.44	0.07

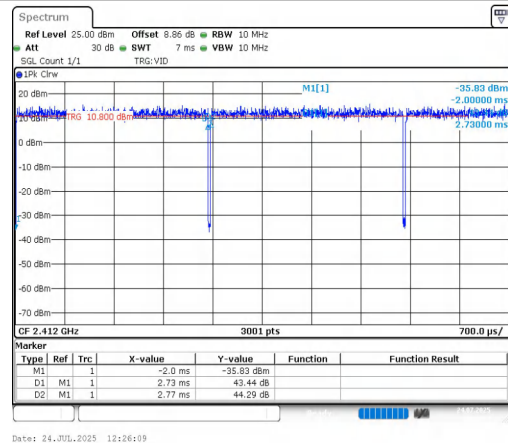
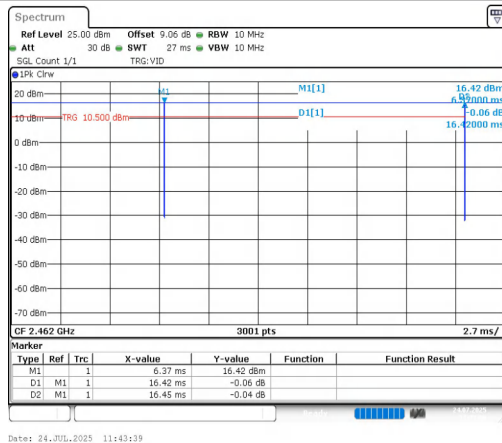


Test Graphs



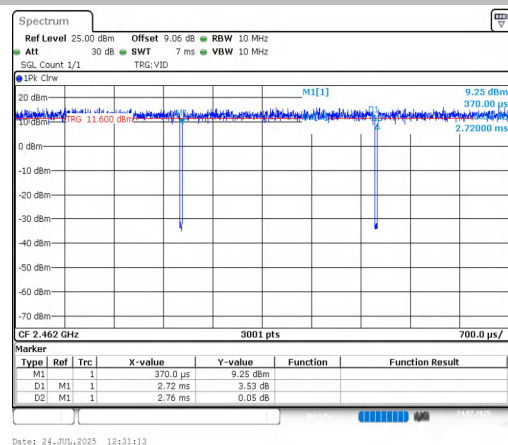
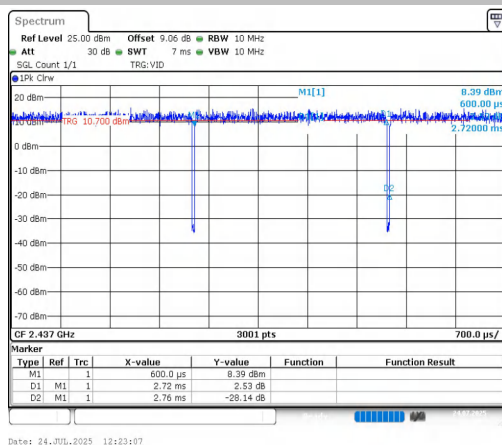
NTNV-11B-Ant1-2412

NTNV-11B-Ant1-2437



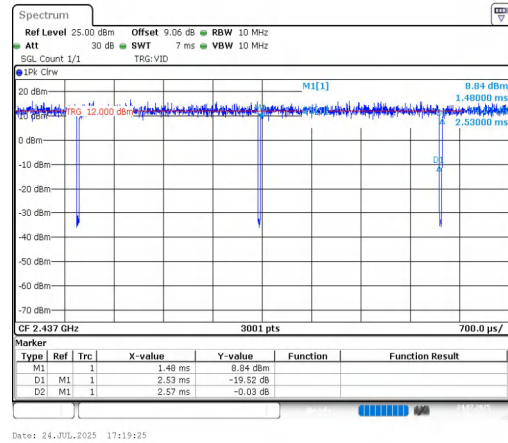
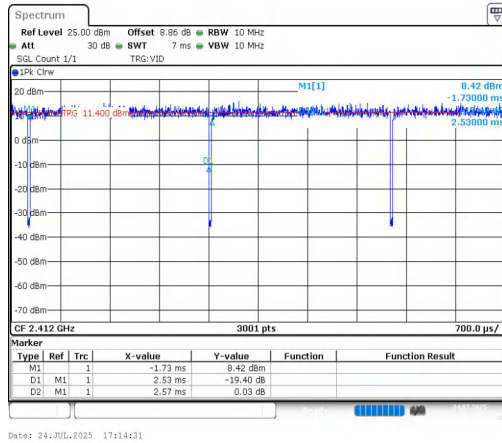
NTNV-11B-Ant1-2462

NTNV-11G-Ant1-2412



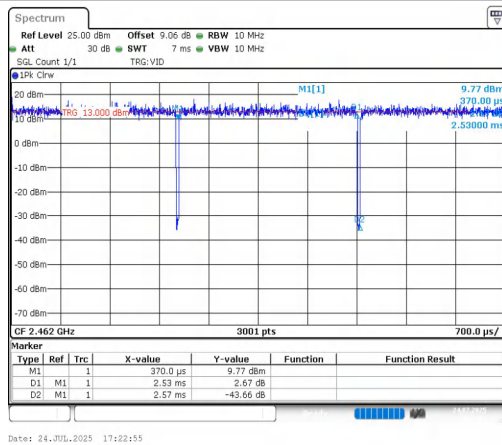
NTNV-11G-Ant1-2437

NTNV-11G-Ant1-2462



NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462

-----END-----