



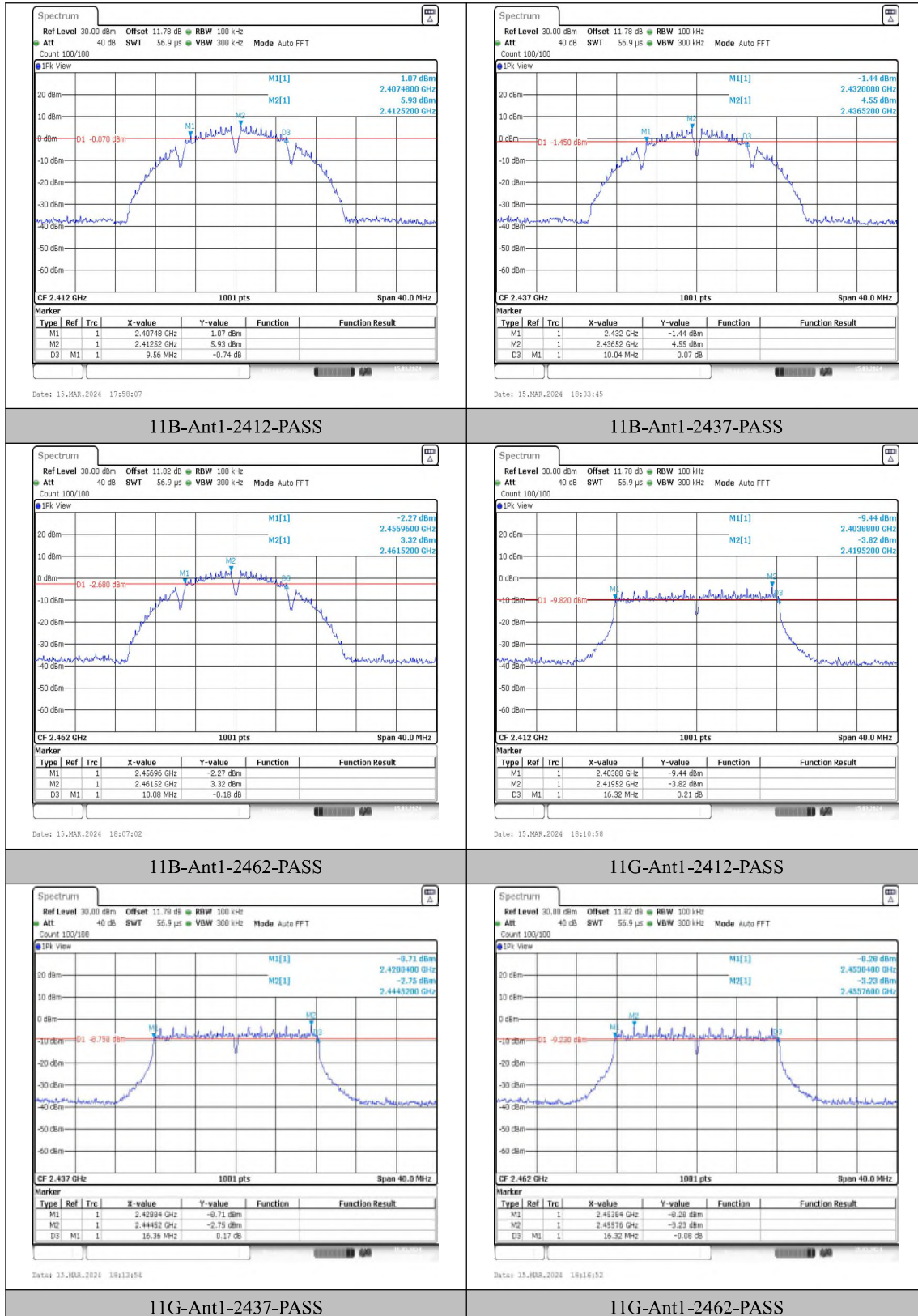
Appendix A: DTS Bandwidth

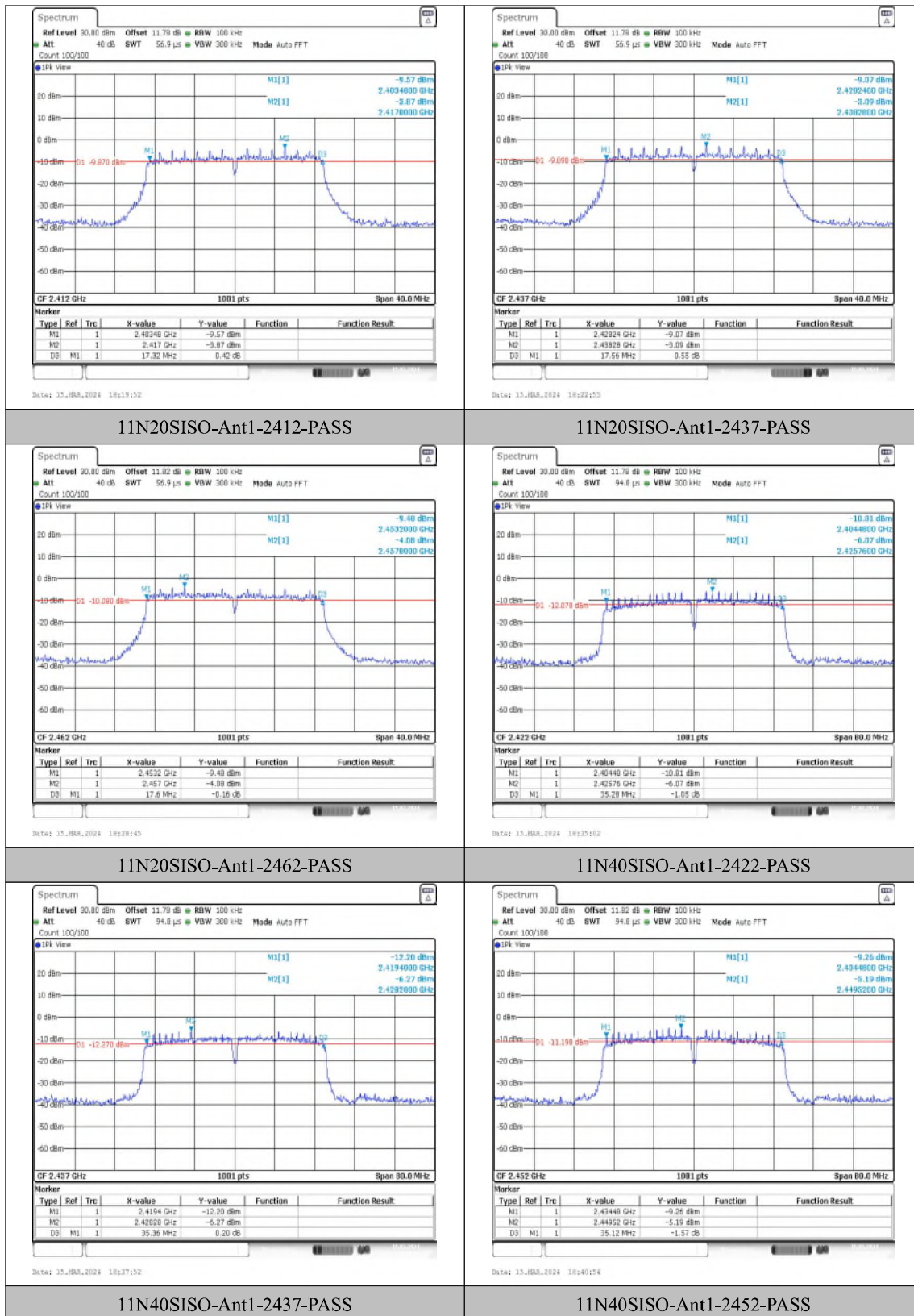
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.56	2407.48	2417.04	0.5	PASS
11B	Ant1	2437	10.04	2432.00	2442.04	0.5	PASS
11B	Ant1	2462	10.08	2456.96	2467.04	0.5	PASS
11G	Ant1	2412	16.32	2403.88	2420.20	0.5	PASS
11G	Ant1	2437	16.36	2428.84	2445.20	0.5	PASS
11G	Ant1	2462	16.32	2453.84	2470.16	0.5	PASS
11N20SISO	Ant1	2412	17.32	2403.48	2420.80	0.5	PASS
11N20SISO	Ant1	2437	17.56	2428.24	2445.80	0.5	PASS
11N20SISO	Ant1	2462	17.60	2453.20	2470.80	0.5	PASS
11N40SISO	Ant1	2422	35.28	2404.48	2439.76	0.5	PASS
11N40SISO	Ant1	2437	35.36	2419.40	2454.76	0.5	PASS
11N40SISO	Ant1	2452	35.12	2434.48	2469.60	0.5	PASS



Test Graphs







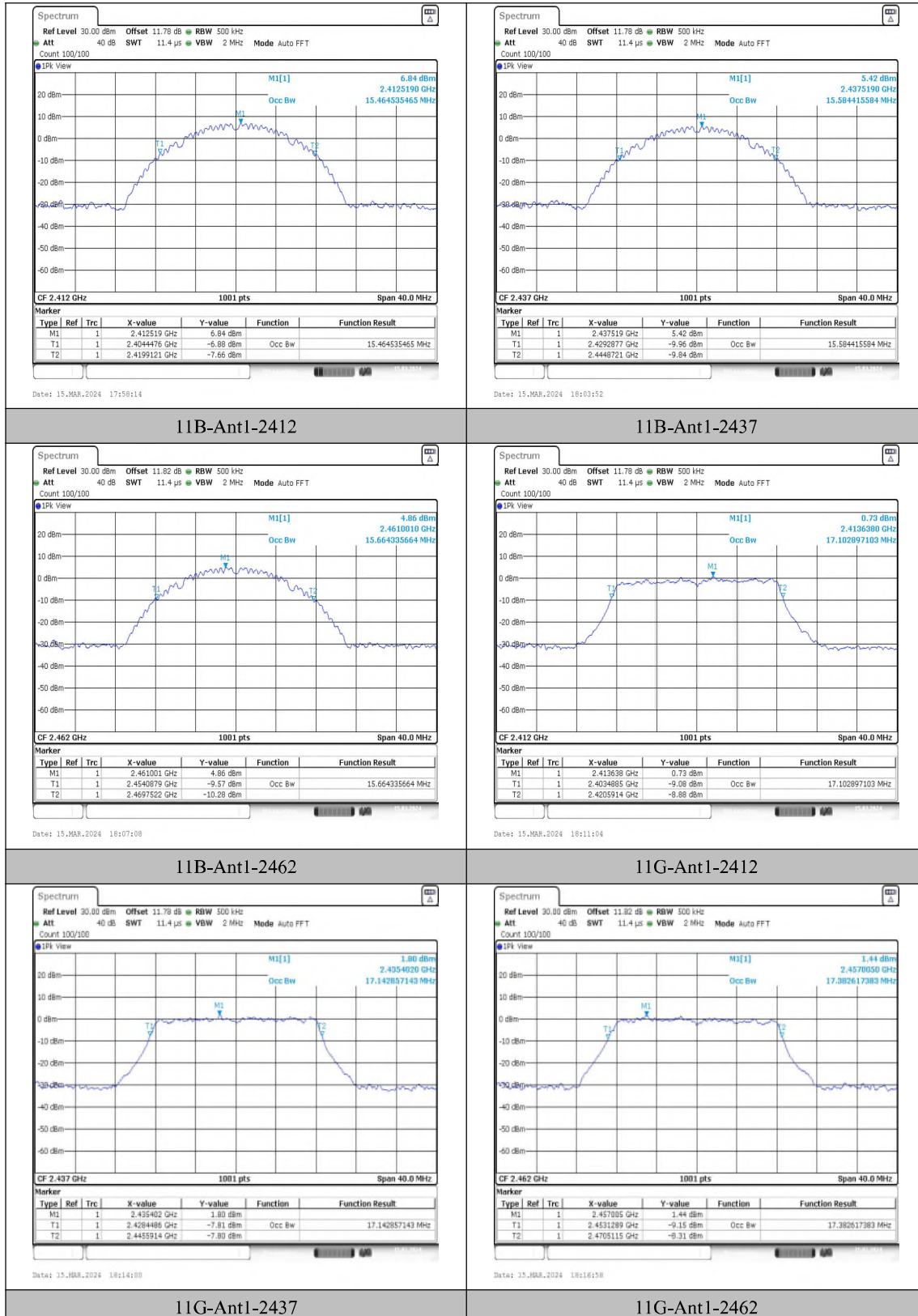
Appendix B: Occupied Channel Bandwidth

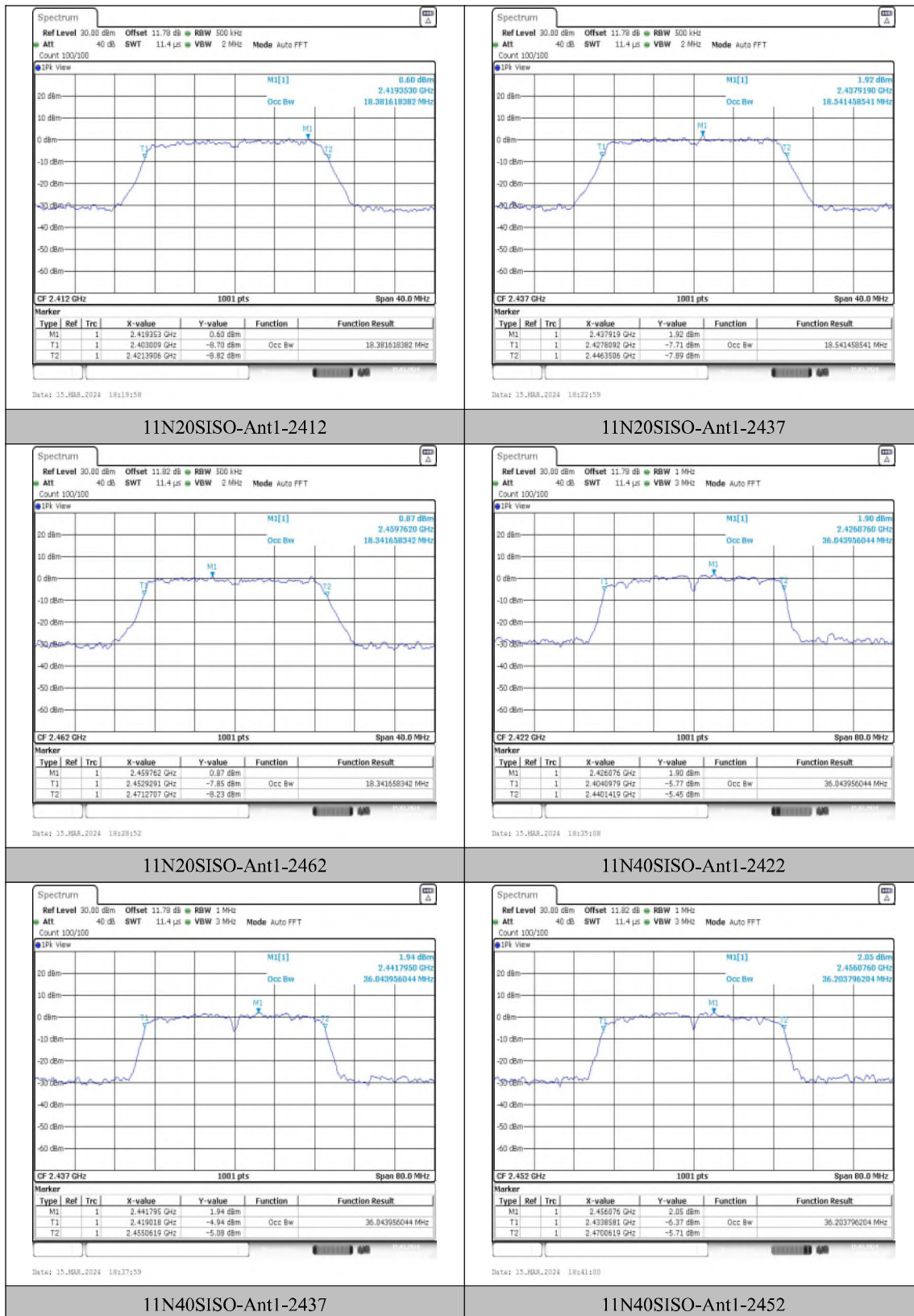
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.465	2404.4476	2419.9121	---	---
11B	Ant1	2437	15.584	2429.2877	2444.8721	---	---
11B	Ant1	2462	15.664	2454.0879	2469.7522	---	---
11G	Ant1	2412	17.103	2403.4885	2420.5914	---	---
11G	Ant1	2437	17.143	2428.4486	2445.5914	---	---
11G	Ant1	2462	17.383	2453.1289	2470.5115	---	---
11N20SISO	Ant1	2412	18.382	2403.0090	2421.3906	---	---
11N20SISO	Ant1	2437	18.541	2427.8092	2446.3506	---	---
11N20SISO	Ant1	2462	18.342	2452.9291	2471.2707	---	---
11N40SISO	Ant1	2422	36.044	2404.0979	2440.1419	---	---
11N40SISO	Ant1	2437	36.044	2419.0180	2455.0619	---	---
11N40SISO	Ant1	2452	36.204	2433.8581	2470.0619	---	---

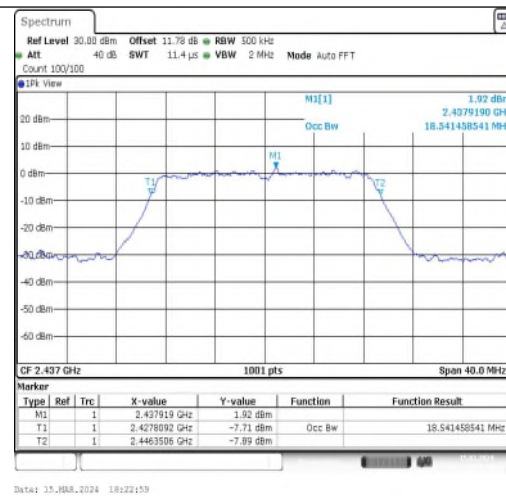


Test Graphs

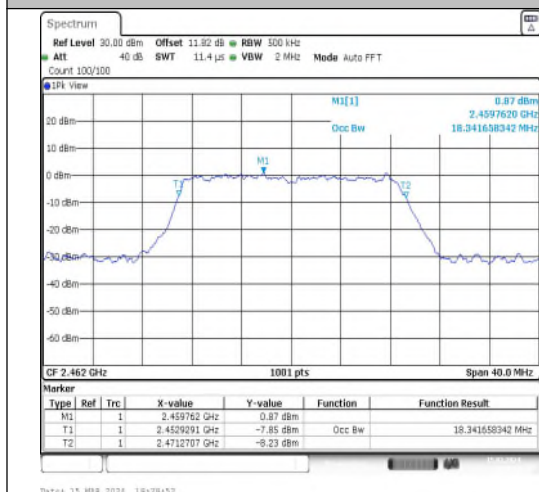




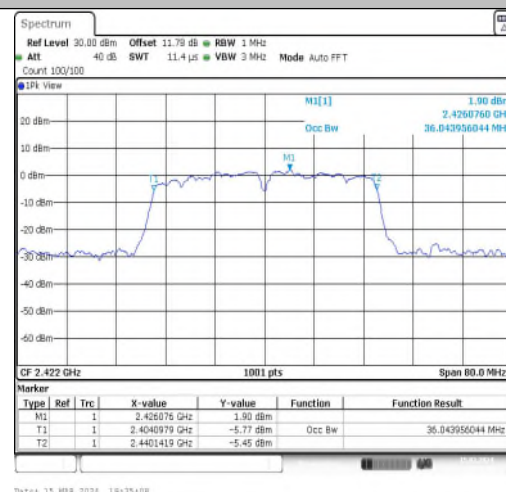
11N20SISO-Ant1-2412



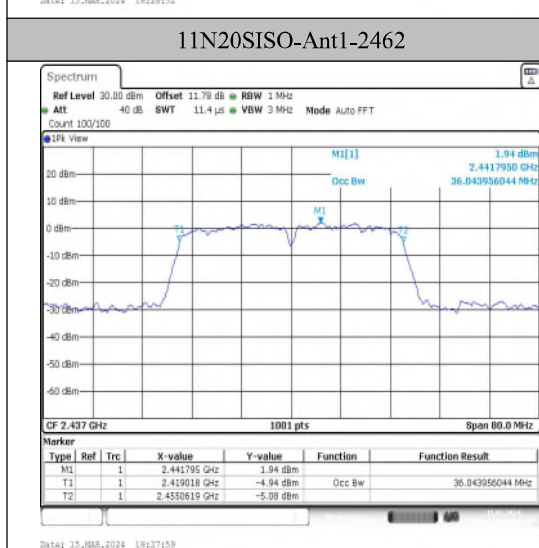
11N20SISO-Ant1-2437



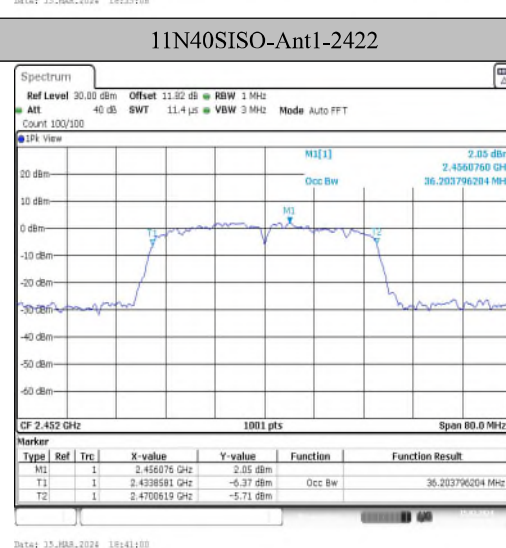
11N20SISO-Ant1-2462



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	15.41	≤30.00	2.46	17.87	≤36.00	PASS
11B	Ant1	2437	16.58	≤30.00	2.46	19.04	≤36.00	PASS
11B	Ant1	2462	16.08	≤30.00	2.46	18.54	≤36.00	PASS
11G	Ant1	2412	14.84	≤30.00	2.46	17.30	≤36.00	PASS
11G	Ant1	2437	15.99	≤30.00	2.46	18.45	≤36.00	PASS
11G	Ant1	2462	15.44	≤30.00	2.46	17.90	≤36.00	PASS
11N20SISO	Ant1	2412	14.85	≤30.00	2.46	17.31	≤36.00	PASS
11N20SISO	Ant1	2437	15.99	≤30.00	2.46	18.45	≤36.00	PASS
11N20SISO	Ant1	2462	15.51	≤30.00	2.46	17.97	≤36.00	PASS
11N40SISO	Ant1	2422	15.46	≤30.00	2.46	17.92	≤36.00	PASS
11N40SISO	Ant1	2437	16.08	≤30.00	2.46	18.54	≤36.00	PASS
11N40SISO	Ant1	2452	15.99	≤30.00	2.46	18.45	≤36.00	PASS



Test Result Average

Test Mode	Antenna	Frequency [MHz]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	12.57	≤30.00	2.46	15.03	≤36.00	PASS
11B	Ant1	2437	14.09	≤30.00	2.46	16.55	≤36.00	PASS
11B	Ant1	2462	14.10	≤30.00	2.46	16.56	≤36.00	PASS
11G	Ant1	2412	8.49	≤30.00	2.46	10.95	≤36.00	PASS
11G	Ant1	2437	7.80	≤30.00	2.46	10.26	≤36.00	PASS
11G	Ant1	2462	8.50	≤30.00	2.46	10.96	≤36.00	PASS
11N20SISO	Ant1	2412	8.23	≤30.00	2.46	10.69	≤36.00	PASS
11N20SISO	Ant1	2437	9.53	≤30.00	2.46	11.99	≤36.00	PASS
11N20SISO	Ant1	2462	8.85	≤30.00	2.46	11.31	≤36.00	PASS
11N40SISO	Ant1	2422	8.68	≤30.00	2.46	11.14	≤36.00	PASS
11N40SISO	Ant1	2437	9.38	≤30.00	2.46	11.84	≤36.00	PASS
11N40SISO	Ant1	2452	8.91	≤30.00	2.46	11.37	≤36.00	PASS



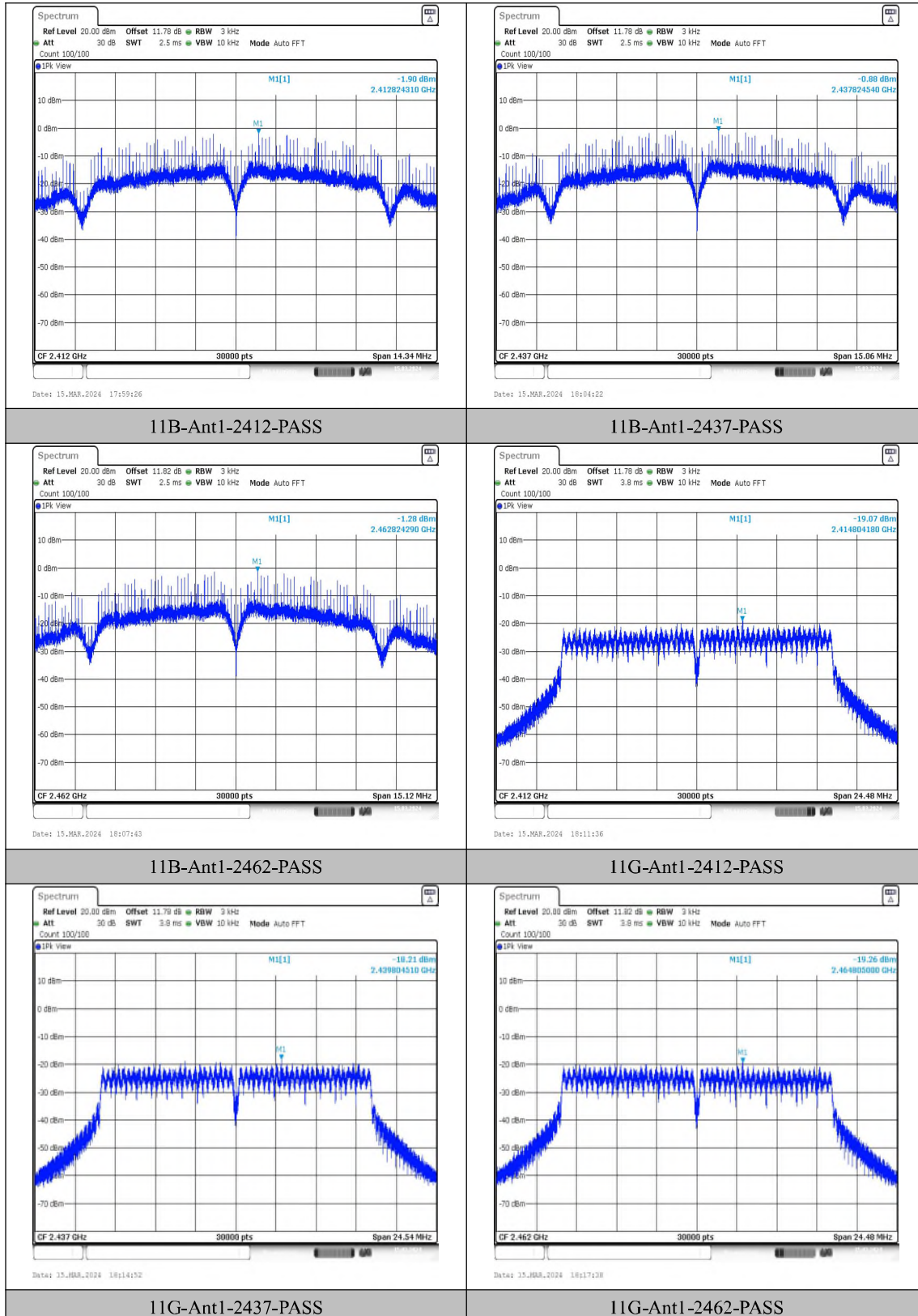
Appendix D: Maximum power spectral density

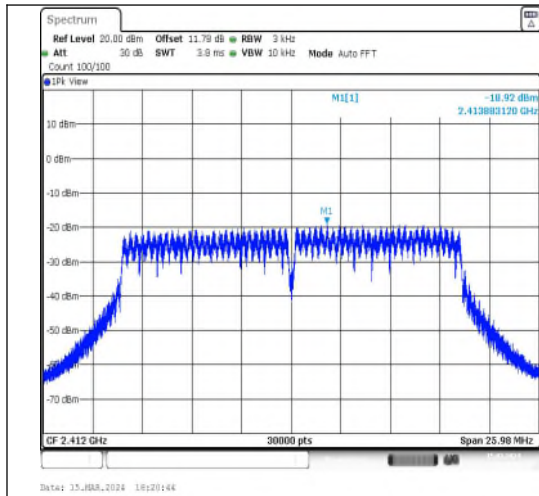
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-1.90	≤8.00	PASS
11B	Ant1	2437	-0.88	≤8.00	PASS
11B	Ant1	2462	-1.28	≤8.00	PASS
11G	Ant1	2412	-19.07	≤8.00	PASS
11G	Ant1	2437	-18.21	≤8.00	PASS
11G	Ant1	2462	-19.26	≤8.00	PASS
11N20SISO	Ant1	2412	-18.92	≤8.00	PASS
11N20SISO	Ant1	2437	-18.02	≤8.00	PASS
11N20SISO	Ant1	2462	-18.47	≤8.00	PASS
11N40SISO	Ant1	2422	-20.37	≤8.00	PASS
11N40SISO	Ant1	2437	-20.21	≤8.00	PASS
11N40SISO	Ant1	2452	-19.24	≤8.00	PASS

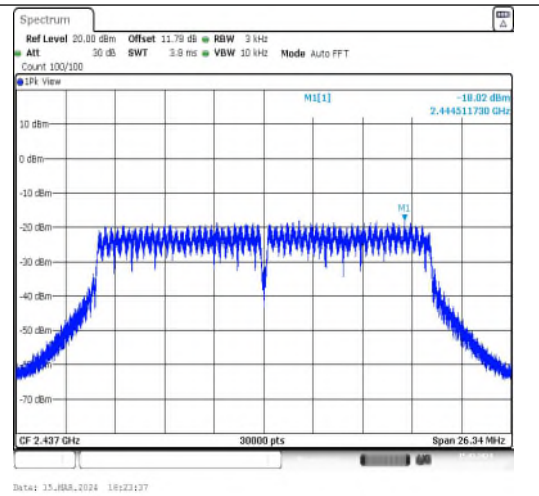


Test Graphs

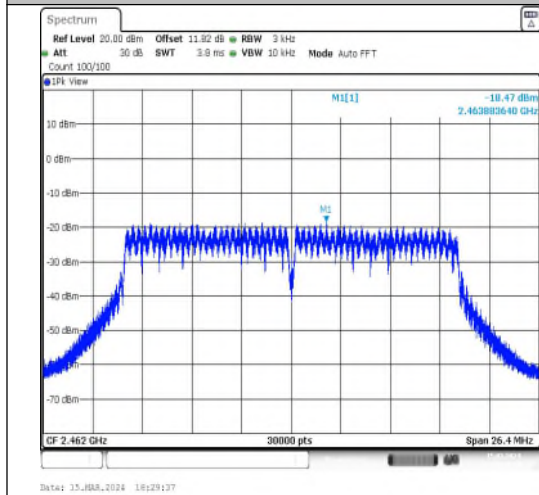




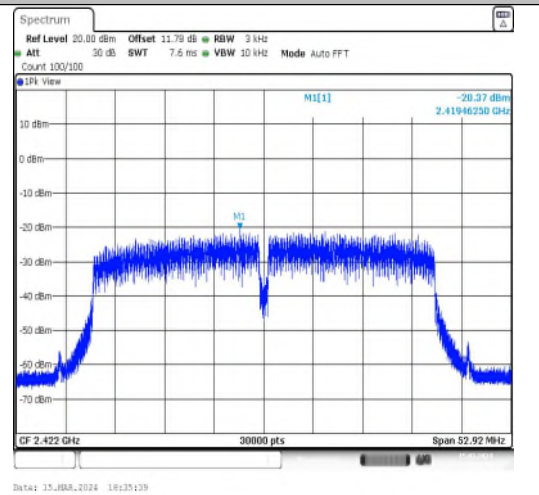
11N20SISO-Ant1-2412-PASS



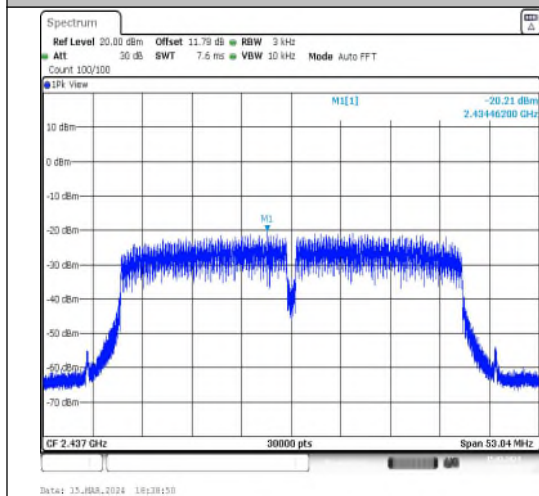
11N20SISO-Ant1-2437-PASS



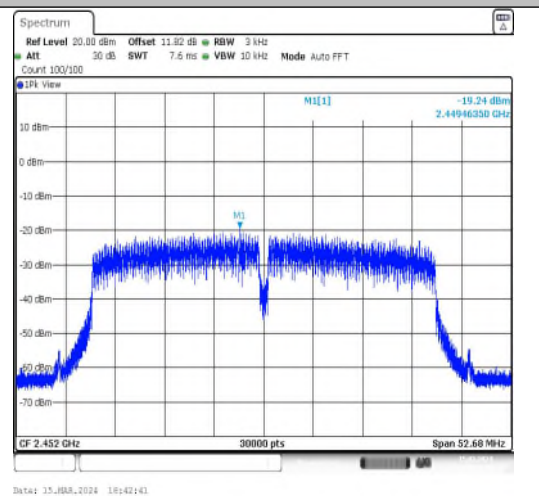
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.40	3.40	---	PASS
11B	Ant1	2412	30~1000	3.40	-55.72	≤-16.6	PASS
11B	Ant1	2412	1000~26500	3.40	-44.48	≤-16.6	PASS
11B	Ant1	2437	0~Reference	4.69	4.69	---	PASS
11B	Ant1	2437	30~1000	4.69	-54.97	≤-15.31	PASS
11B	Ant1	2437	1000~26500	4.69	-45.16	≤-15.31	PASS
11B	Ant1	2462	0~Reference	4.06	4.06	---	PASS
11B	Ant1	2462	30~1000	4.06	-55.07	≤-15.94	PASS
11B	Ant1	2462	1000~26500	4.06	-45.05	≤-15.94	PASS
11G	Ant1	2412	0~Reference	-3.38	-3.38	---	PASS
11G	Ant1	2412	30~1000	-3.38	-55.54	≤-23.38	PASS
11G	Ant1	2412	1000~26500	-3.38	-44.75	≤-23.38	PASS
11G	Ant1	2437	0~Reference	-2.59	-2.59	---	PASS
11G	Ant1	2437	30~1000	-2.59	-55.82	≤-22.59	PASS
11G	Ant1	2437	1000~26500	-2.59	-44.55	≤-22.59	PASS
11G	Ant1	2462	0~Reference	-2.73	-2.73	---	PASS
11G	Ant1	2462	30~1000	-2.73	-55.22	≤-22.73	PASS
11G	Ant1	2462	1000~26500	-2.73	-45.07	≤-22.73	PASS
11N20SISO	Ant1	2412	0~Reference	-3.27	-3.27	---	PASS
11N20SISO	Ant1	2412	30~1000	-3.27	-55.32	≤-23.27	PASS
11N20SISO	Ant1	2412	1000~26500	-3.27	-44.23	≤-23.27	PASS
11N20SISO	Ant1	2437	0~Reference	-2.45	-2.45	---	PASS
11N20SISO	Ant1	2437	30~1000	-2.45	-54.69	≤-22.45	PASS
11N20SISO	Ant1	2437	1000~26500	-2.45	-44.91	≤-22.45	PASS
11N20SISO	Ant1	2462	0~Reference	-3.24	-3.24	---	PASS
11N20SISO	Ant1	2462	30~1000	-3.24	-55.06	≤-23.24	PASS
11N20SISO	Ant1	2462	1000~26500	-3.24	-43.98	≤-23.24	PASS
11N40SISO	Ant1	2422	0~Reference	-5.48	-5.48	---	PASS
11N40SISO	Ant1	2422	30~1000	-5.48	-55.3	≤-25.48	PASS
11N40SISO	Ant1	2422	1000~26500	-5.48	-44.9	≤-25.48	PASS
11N40SISO	Ant1	2437	0~Reference	-5.00	-5.00	---	PASS
11N40SISO	Ant1	2437	30~1000	-5.00	-55.62	≤-25	PASS
11N40SISO	Ant1	2437	1000~26500	-5.00	-44.24	≤-25	PASS
11N40SISO	Ant1	2452	0~Reference	-4.89	-4.89	---	PASS



CVC Testing Technology (Shenzhen) Co., Ltd.

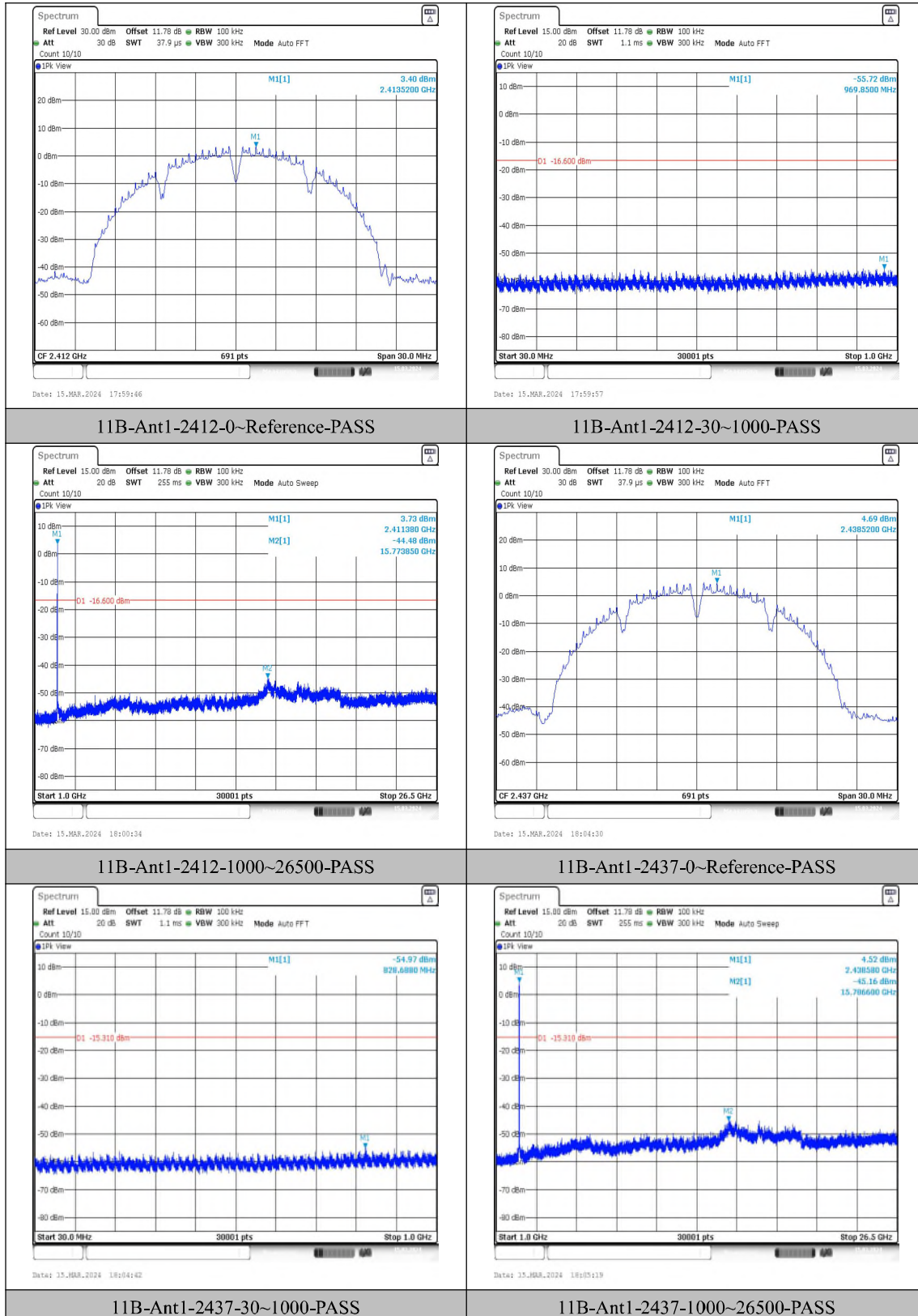
Test Report No.: FCCSZ2024-0014-RF-A1

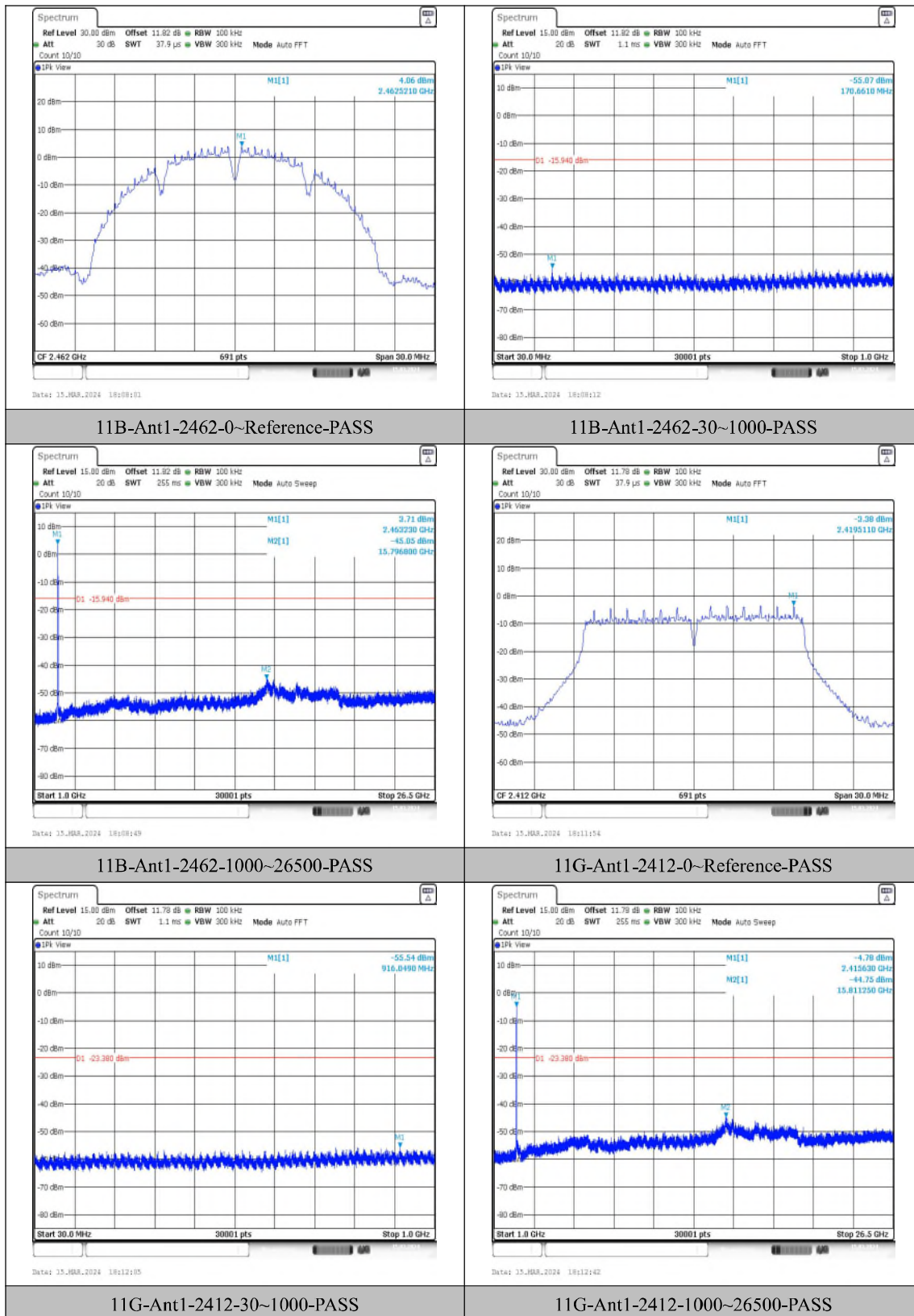
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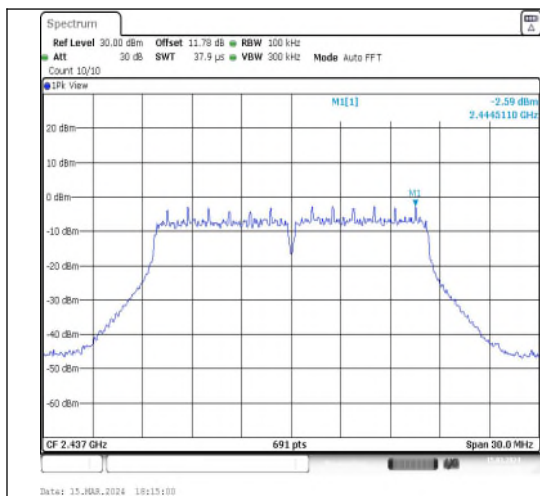
11N40SISO	Ant1	2452	30~1000	-4.89	-55.17	≤ -24.89	PASS
11N40SISO	Ant1	2452	1000~26500	-4.89	-44.59	≤ -24.89	PASS



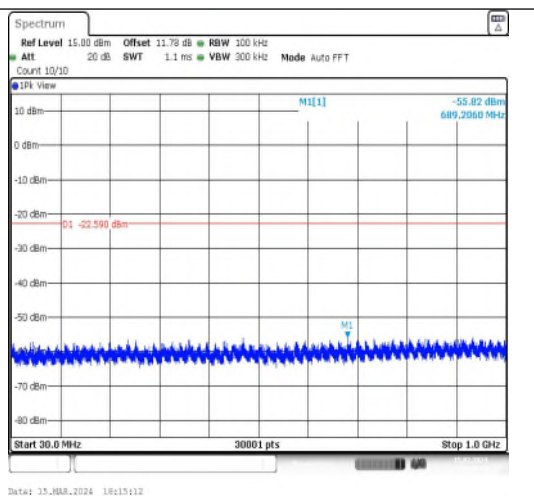
Test Graphs



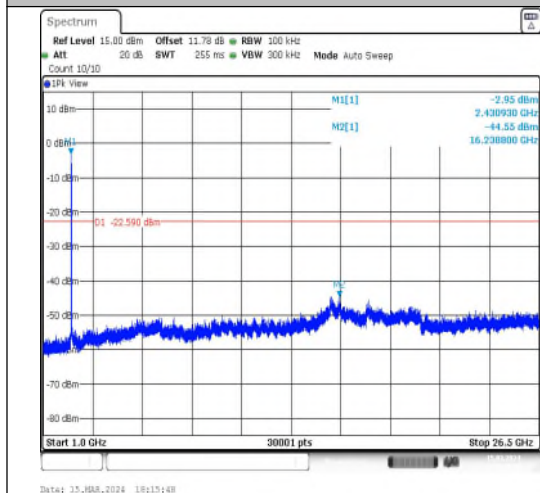




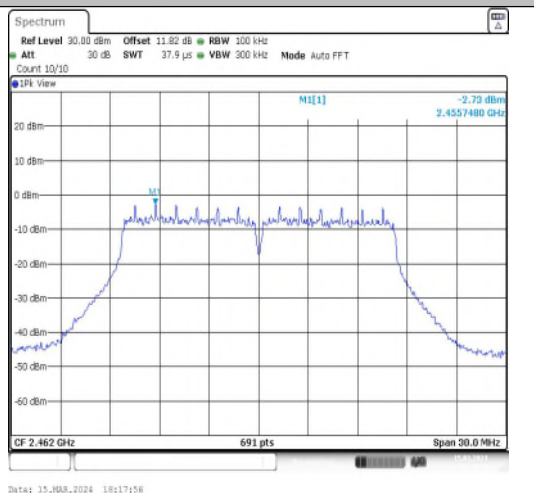
11G-Ant1-2437-0~Reference-PASS



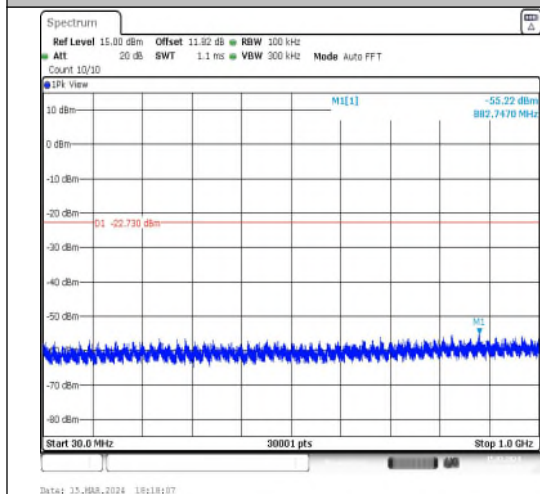
11G-Ant1-2437-30~1000-PASS



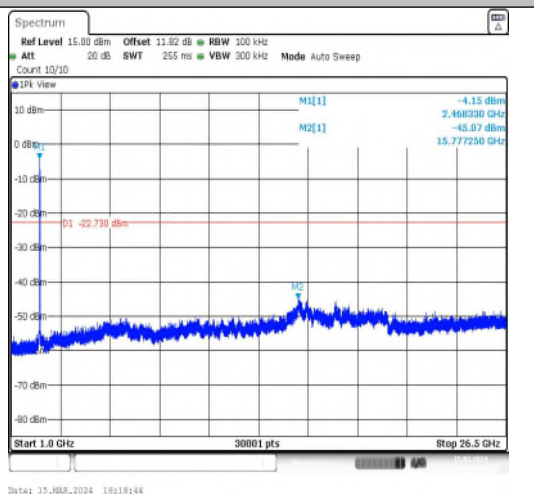
11G-Ant1-2437-1000~26500-PASS



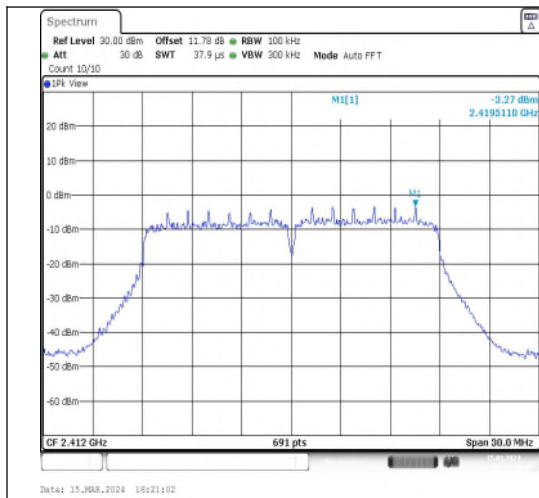
11G-Ant1-2462-0~Reference-PASS



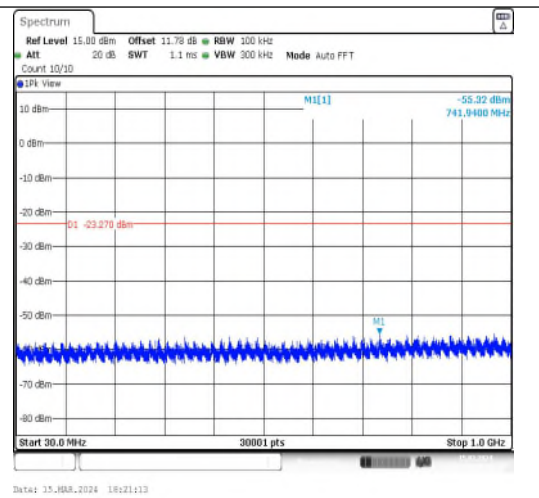
11G-Ant1-2462-30~1000-PASS



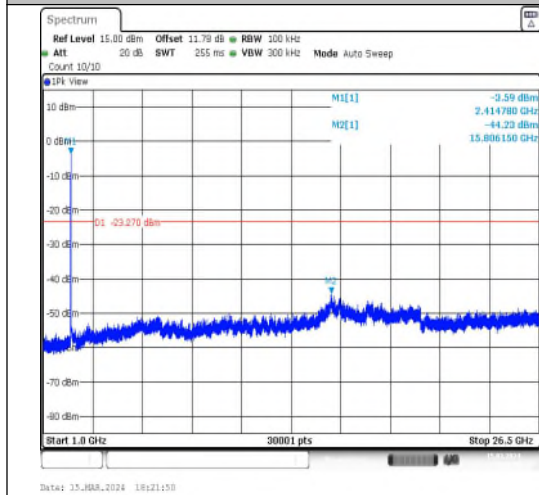
11G-Ant1-2462-1000~26500-PASS



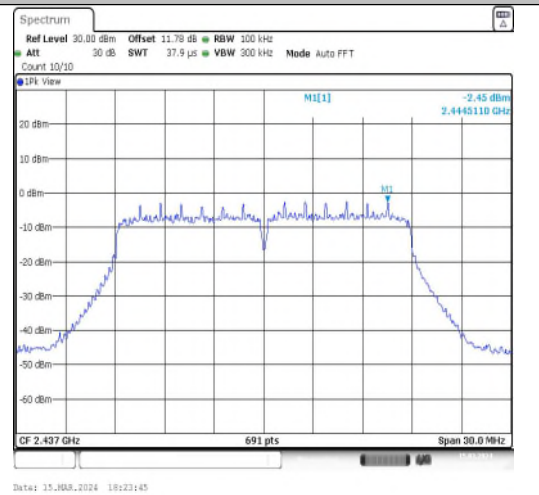
11N20SISO-Ant1-2412-0~Reference-PASS



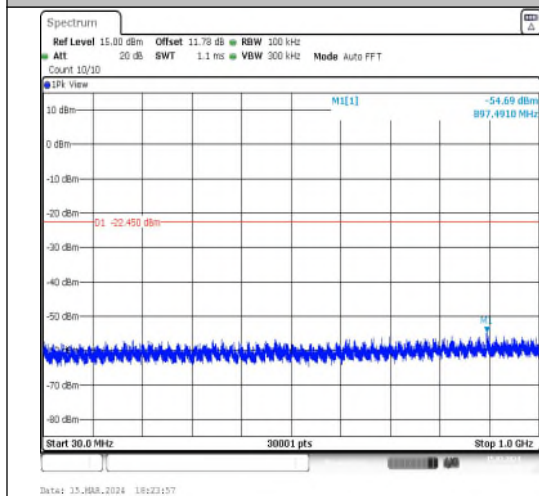
11N20SISO-Ant1-2412-30~1000-PASS



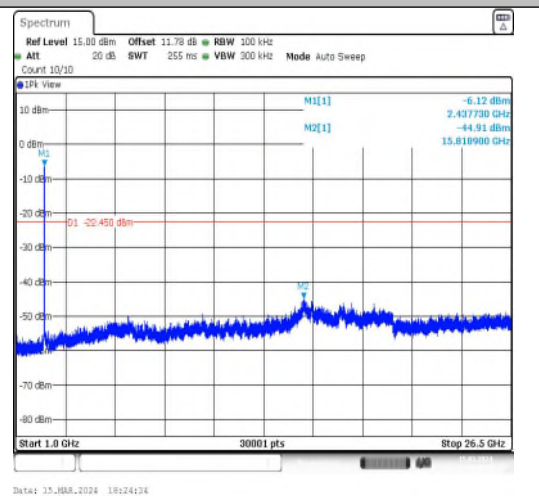
11N20SISO-Ant1-2412-1000~26500-PASS



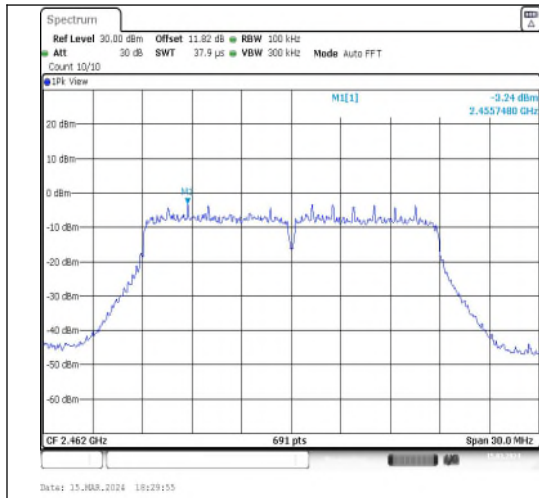
11N20SISO-Ant1-2437-0~Reference-PASS



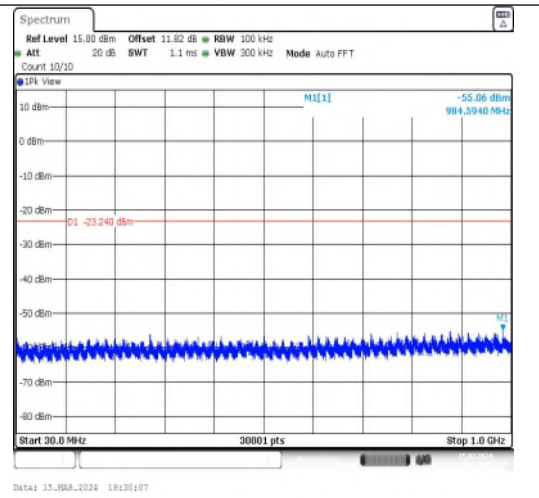
11N20SISO-Ant1-2437-30~1000-PASS



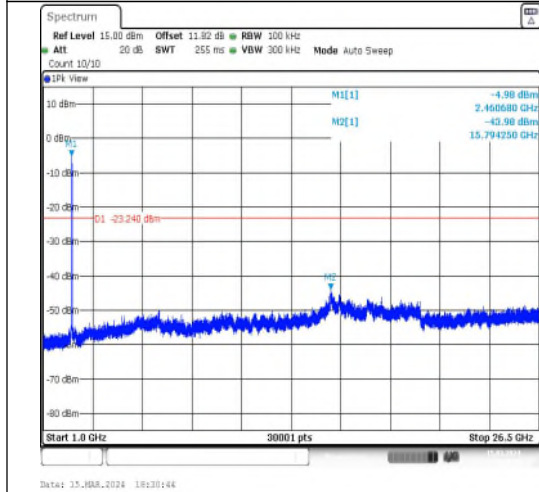
11N20SISO-Ant1-2437-1000~26500-PASS



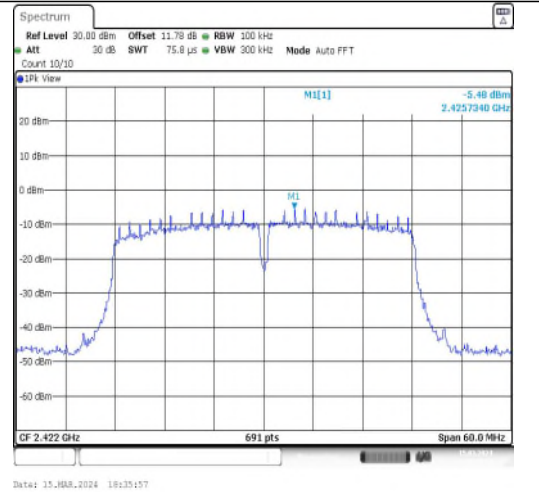
11N20SISO-Ant1-2462-0~Reference-PASS



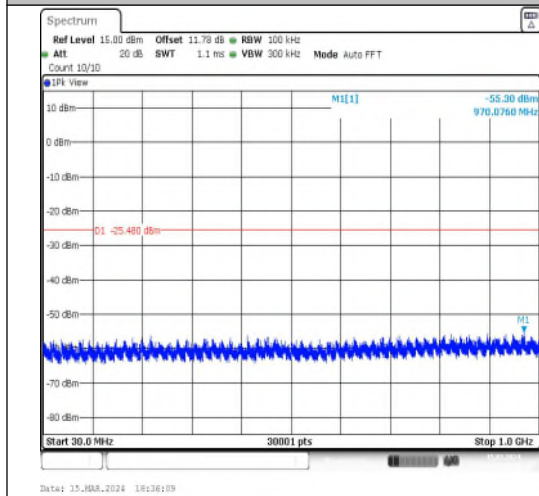
11N20SISO-Ant1-2462-30~1000-PASS



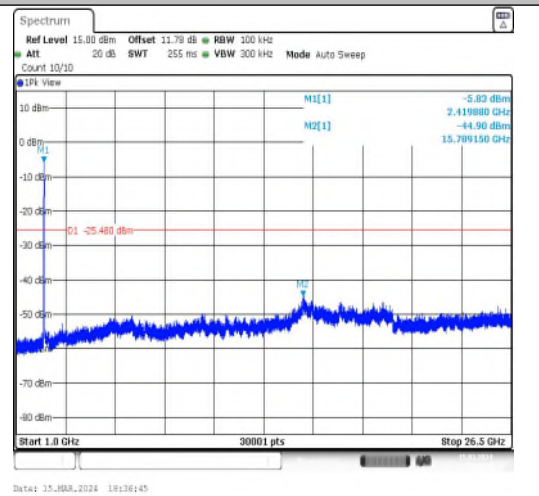
11N20SISO-Ant1-2462-1000~26500-PASS



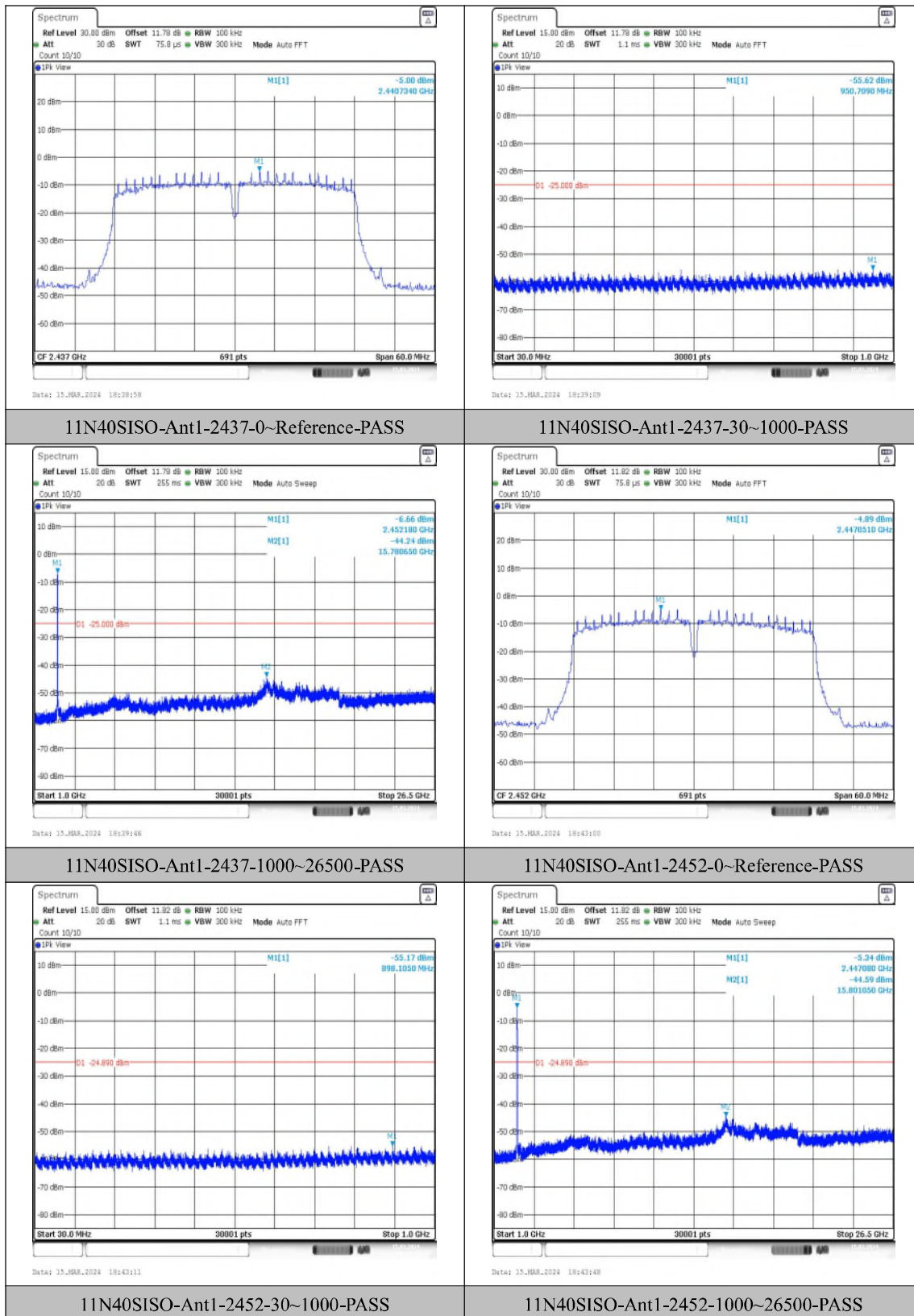
11N40SISO-Ant1-2422-0~Reference-PASS



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



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





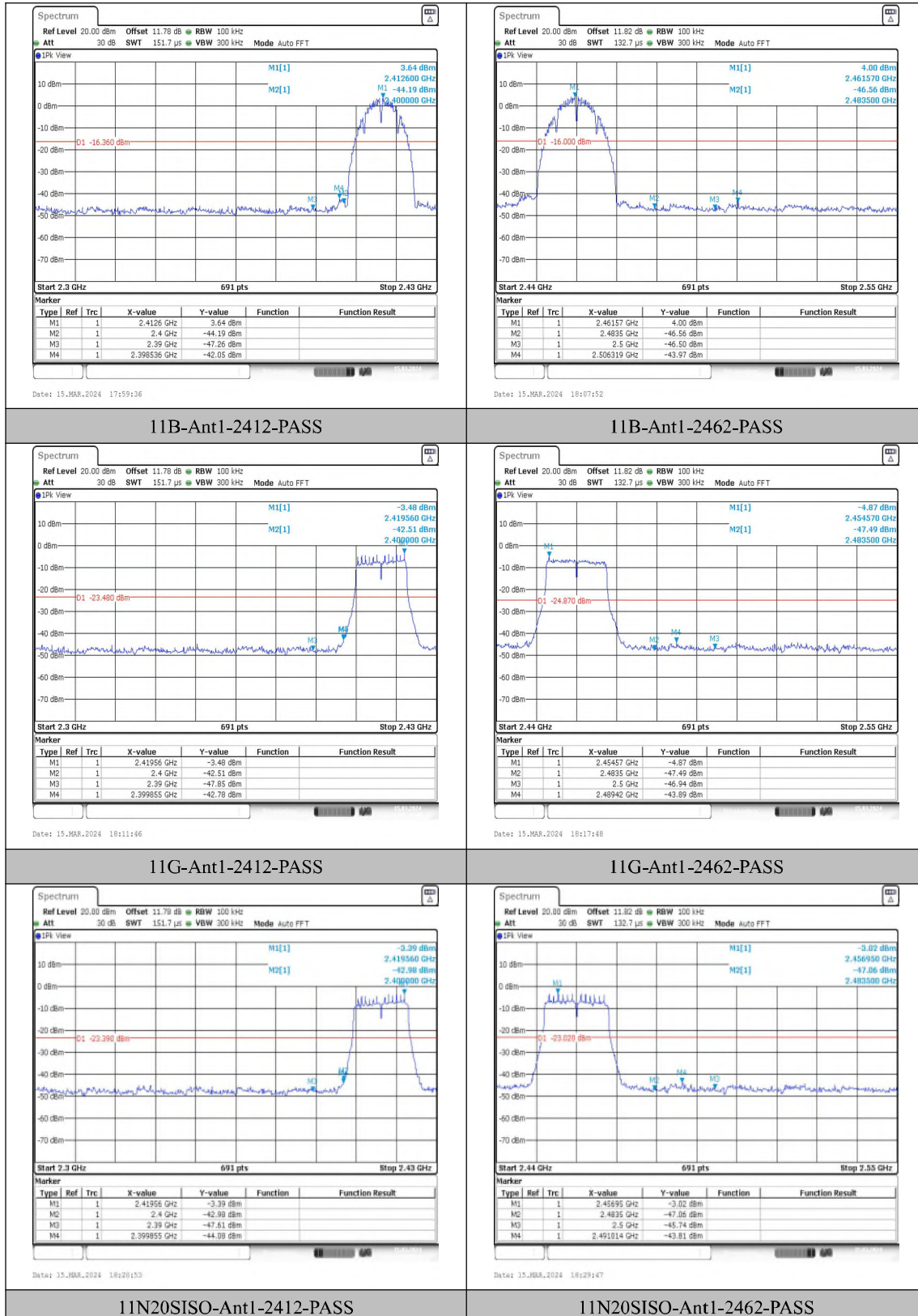
Appendix F: Band edge measurements

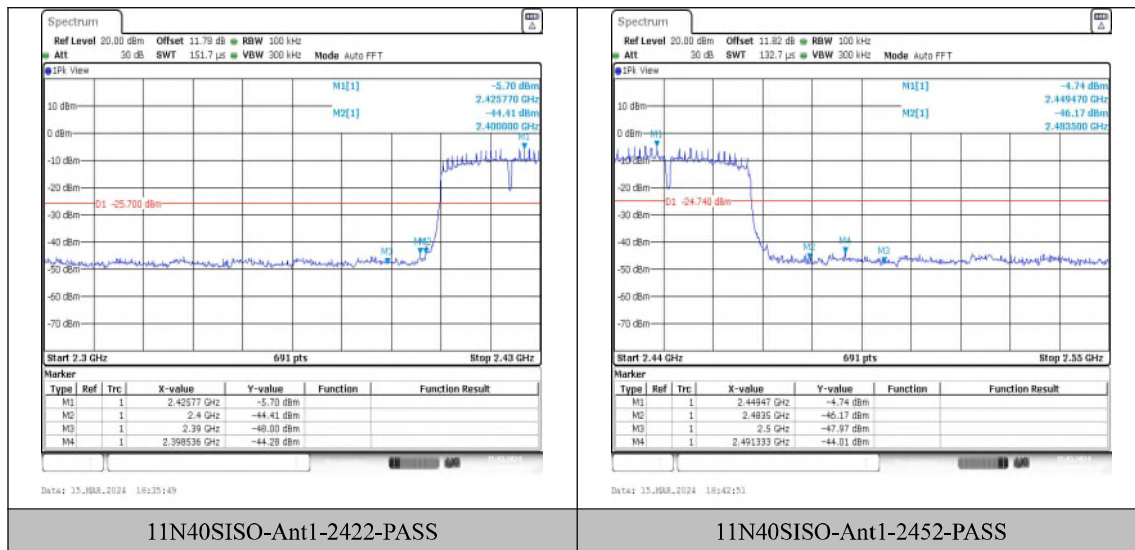
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.64	-42.05	≤ -16.36	PASS
11B	Ant1	High	2462	4.00	-43.97	≤ -16	PASS
11G	Ant1	Low	2412	-3.48	-42.78	≤ -23.48	PASS
11G	Ant1	High	2462	-4.87	-43.89	≤ -24.87	PASS
11N20SISO	Ant1	Low	2412	-3.39	-44.08	≤ -23.39	PASS
11N20SISO	Ant1	High	2462	-3.02	-43.81	≤ -23.02	PASS
11N40SISO	Ant1	Low	2422	-5.70	-44.28	≤ -25.7	PASS
11N40SISO	Ant1	High	2452	-4.74	-44.01	≤ -24.74	PASS



Test Graphs







Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	12.41	12.56	98.81
11B	Ant1	2437	12.42	14.52	85.54
11B	Ant1	2462	12.41	15.71	78.99
11G	Ant1	2412	2.06	2.31	89.18
11G	Ant1	2437	2.06	2.24	91.96
11G	Ant1	2462	2.06	2.22	92.79
11N20SISO	Ant1	2412	1.92	2.08	92.31
11N20SISO	Ant1	2437	1.92	2.08	92.31
11N20SISO	Ant1	2462	1.92	2.09	91.87
11N40SISO	Ant1	2422	0.94	1.10	85.45
11N40SISO	Ant1	2437	0.95	1.08	87.96
11N40SISO	Ant1	2452	0.95	1.06	89.62



Test Graphs

