

Appendix Test Data

Report No:	1813C40063912501	Test Sample NO:	1-2-2
Start Test Date:	2024.9.12	Finish Test Date:	2024.9.12
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.2℃	Relative Humidity:	52%
Pressure:	101 kPa		

Appendix A: DTS Bandwidth

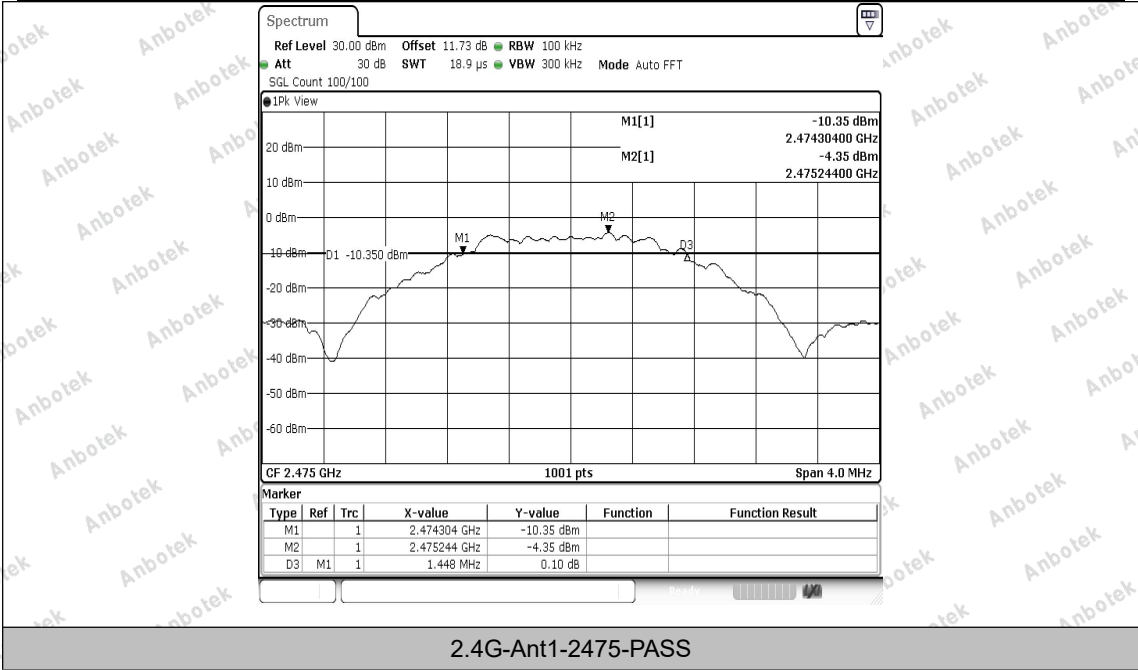
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.50	2404.22	2405.72	0.5	PASS
2.4G	Ant1	2451	1.40	2450.29	2451.69	0.5	PASS
2.4G	Ant1	2475	1.45	2474.30	2475.75	0.5	PASS



Test Graphs





Appendix B: Occupied Channel Bandwidth

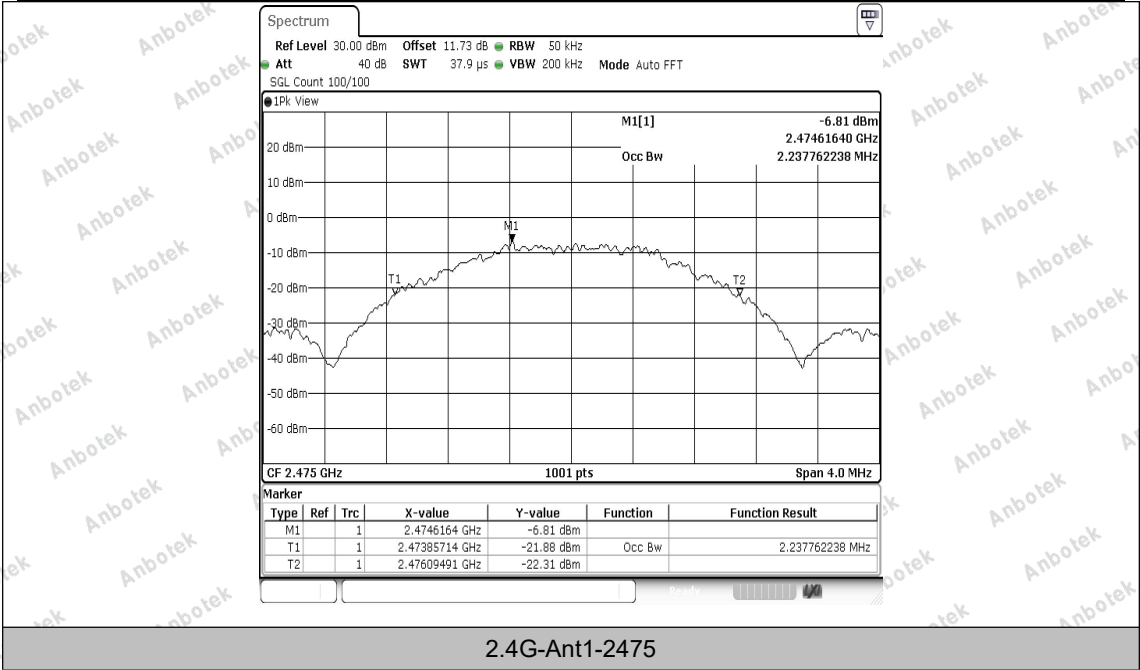
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.254	2403.8731	2406.1269	---	---
2.4G	Ant1	2451	2.254	2449.8571	2452.1109	---	---
2.4G	Ant1	2475	2.238	2473.8571	2476.0949	---	---



Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	-0.25	≤30	PASS
2.4G	Ant1	2451	-0.78	≤30	PASS
2.4G	Ant1	2475	-1.13	≤30	PASS

Test Graphs Peak



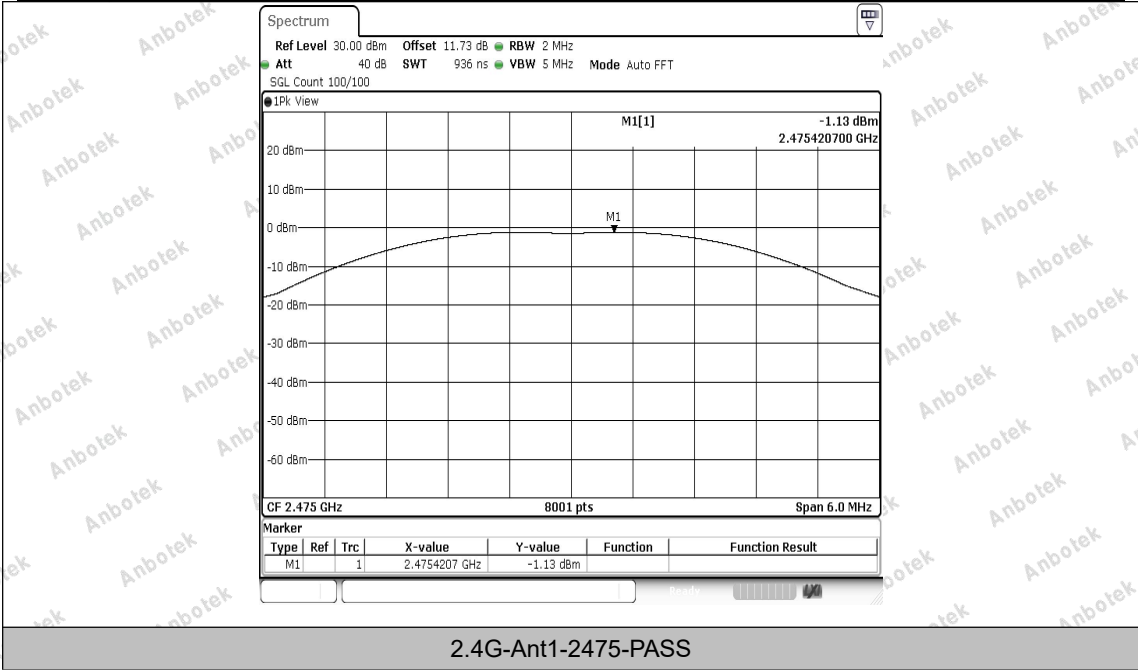
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com





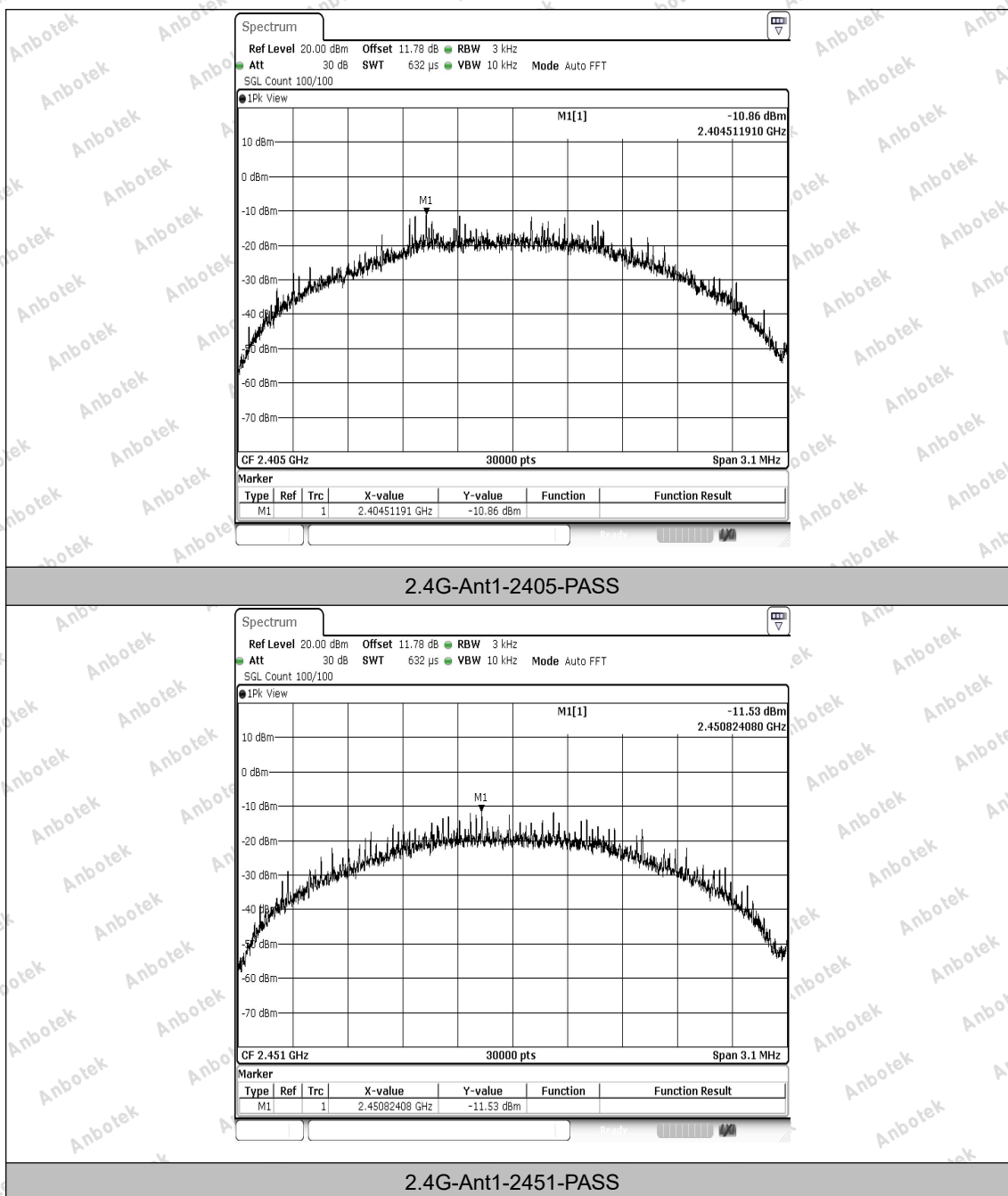
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-10.86	≤8.00	PASS
2.4G	Ant1	2451	-11.53	≤8.00	PASS
2.4G	Ant1	2475	-11.82	≤8.00	PASS



Test Graphs



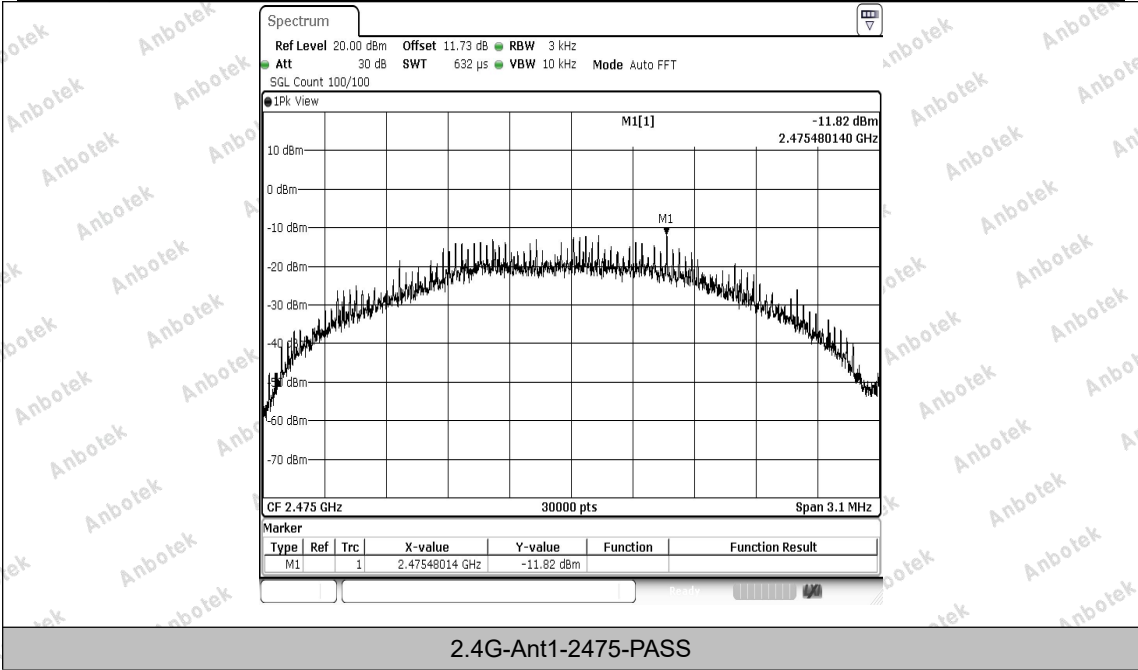
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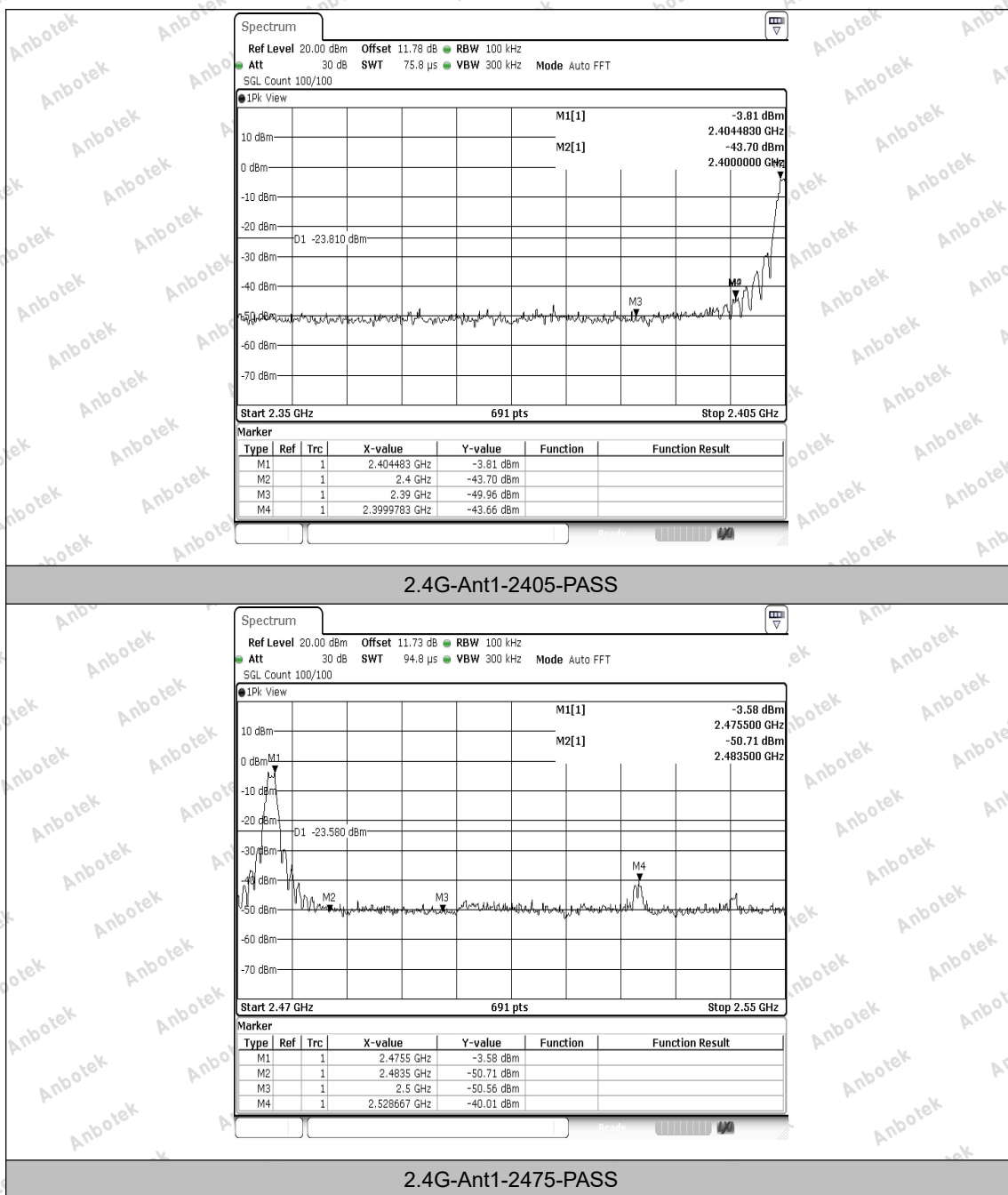
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	Low	2405	-3.81	-43.66	≤-23.81	PASS
2.4G	Ant1	High	2475	-3.58	-40.01	≤-23.58	PASS



Test Graphs



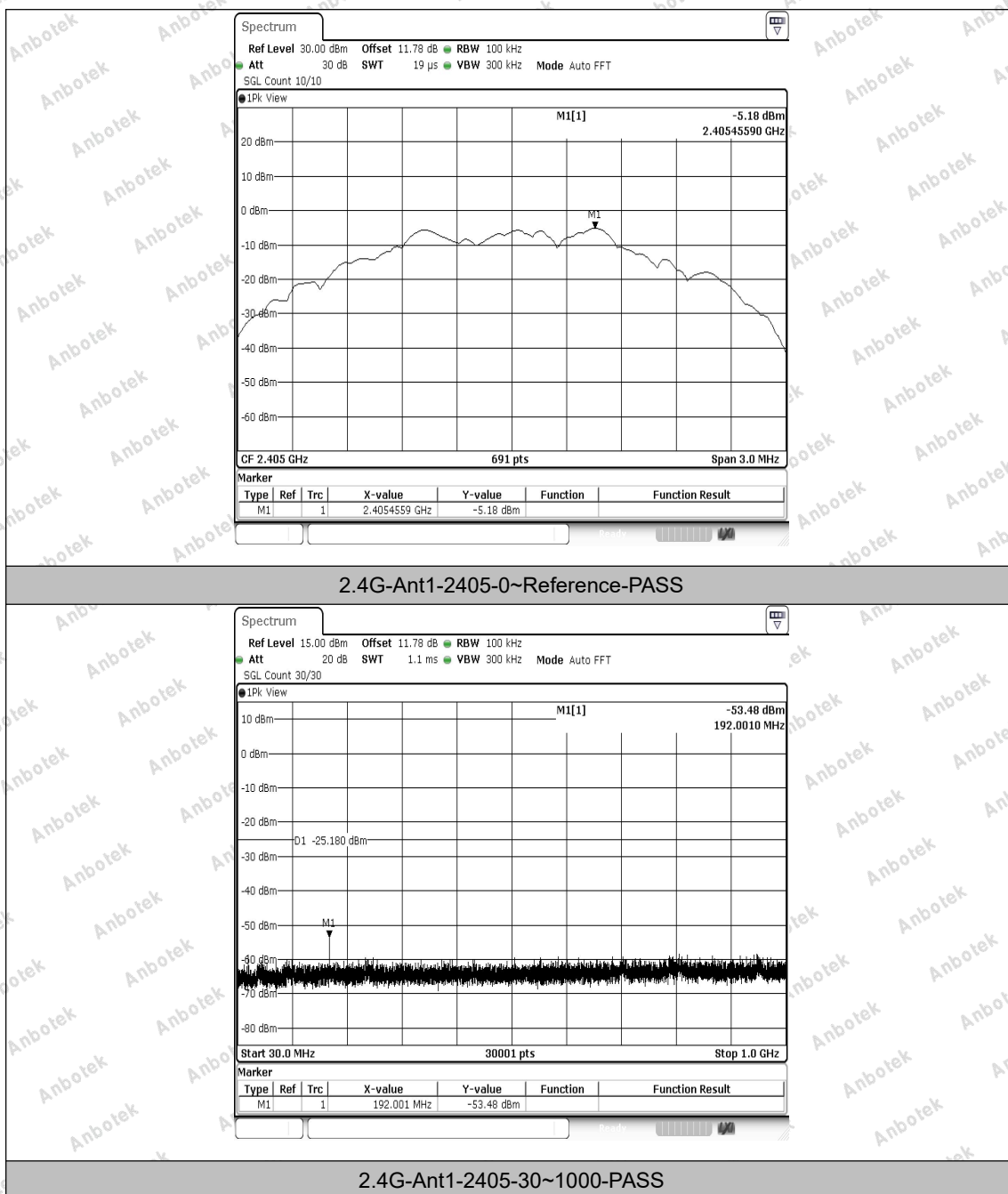
Appendix F: Conducted Spurious Emission

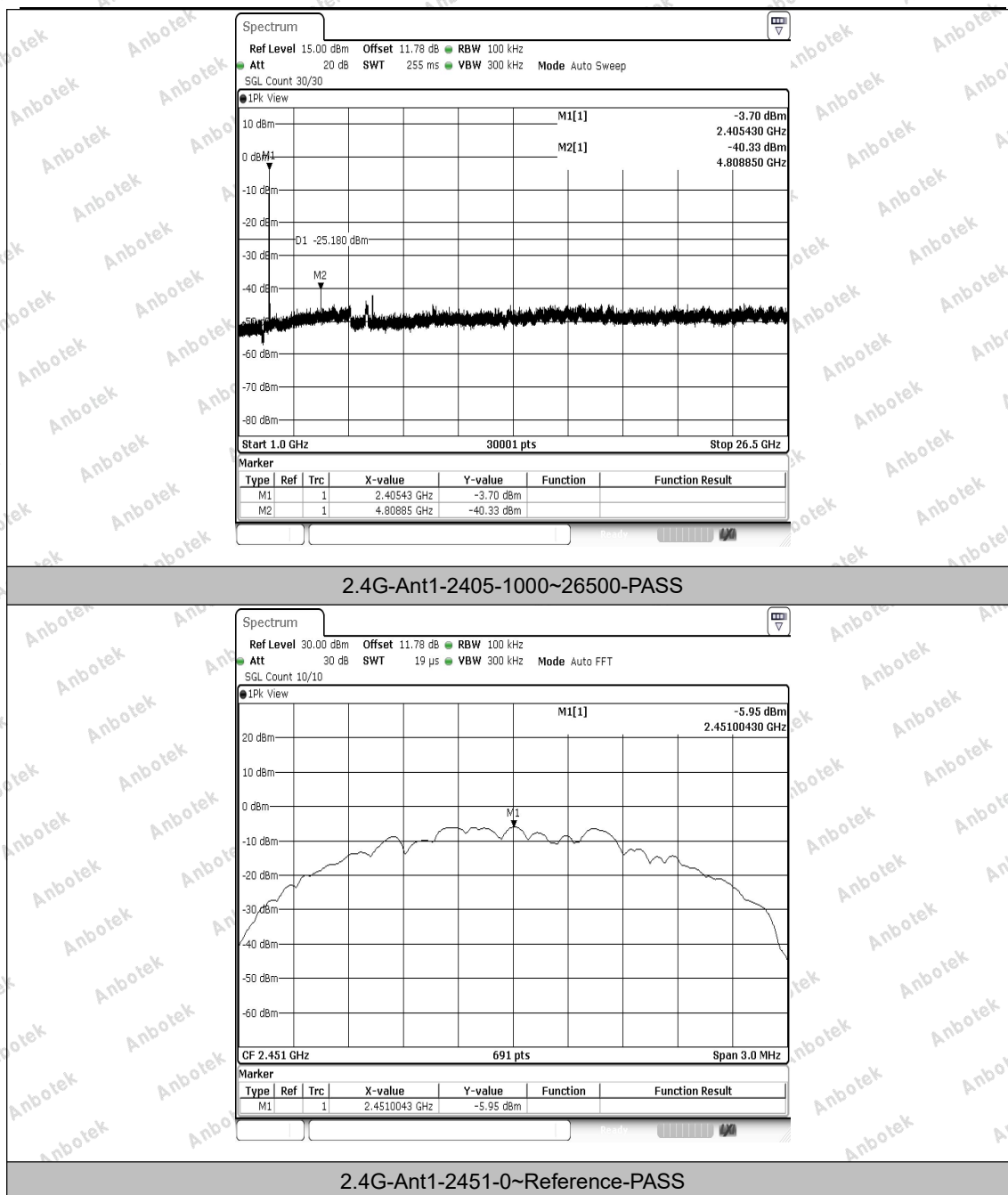
Test Result

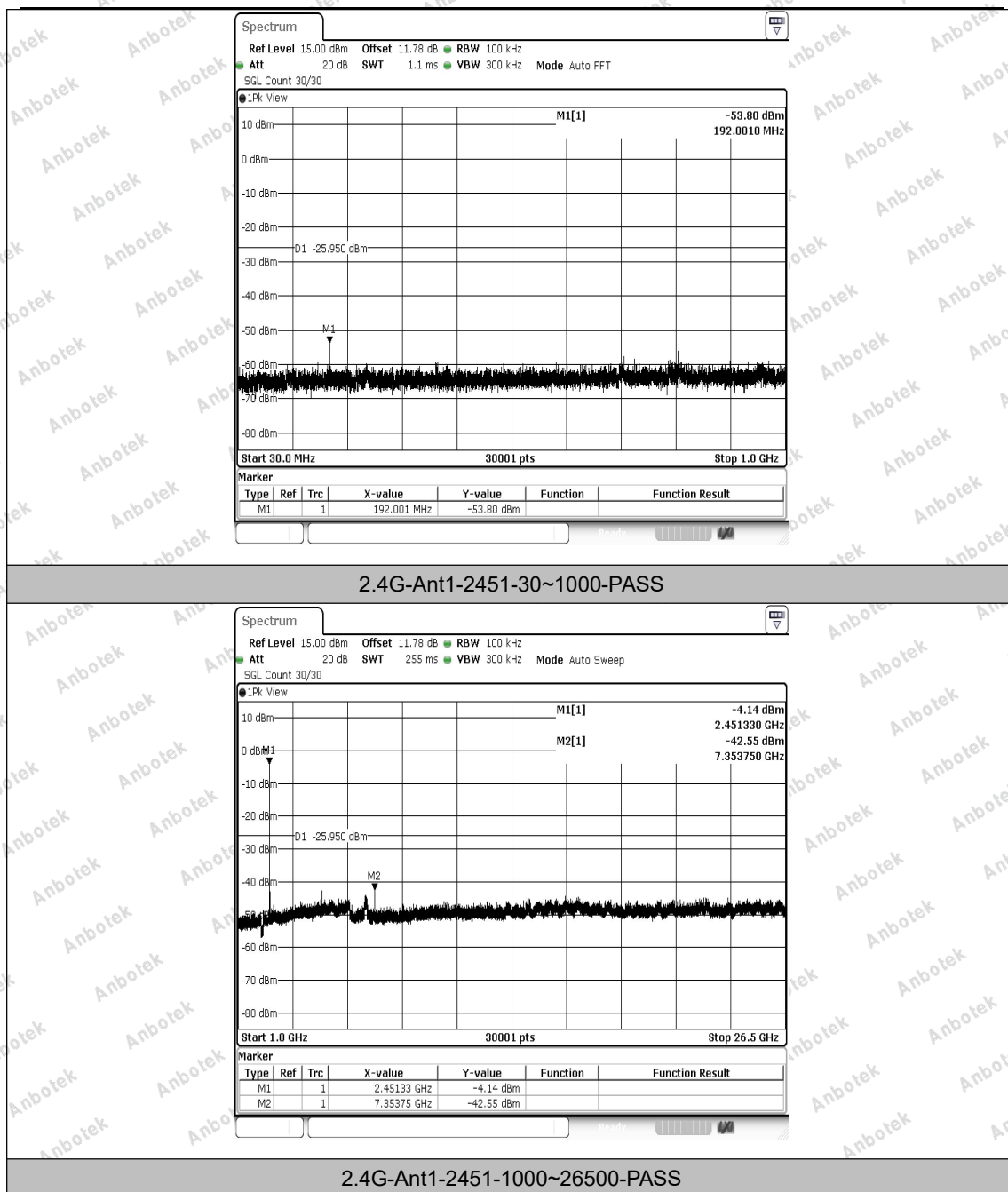
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2405	0~Reference	-5.18	-5.18	---	PASS
2.4G	Ant1	2405	30~1000	-5.18	-53.48	≤-25.18	PASS
2.4G	Ant1	2405	1000~26500	-5.18	-40.33	≤-25.18	PASS
2.4G	Ant1	2451	0~Reference	-5.95	-5.95	---	PASS
2.4G	Ant1	2451	30~1000	-5.95	-53.8	≤-25.95	PASS
2.4G	Ant1	2451	1000~26500	-5.95	-42.55	≤-25.95	PASS
2.4G	Ant1	2475	0~Reference	-5.03	-5.03	---	PASS
2.4G	Ant1	2475	30~1000	-5.03	-54.38	≤-25.03	PASS
2.4G	Ant1	2475	1000~26500	-5.03	-43.15	≤-25.03	PASS

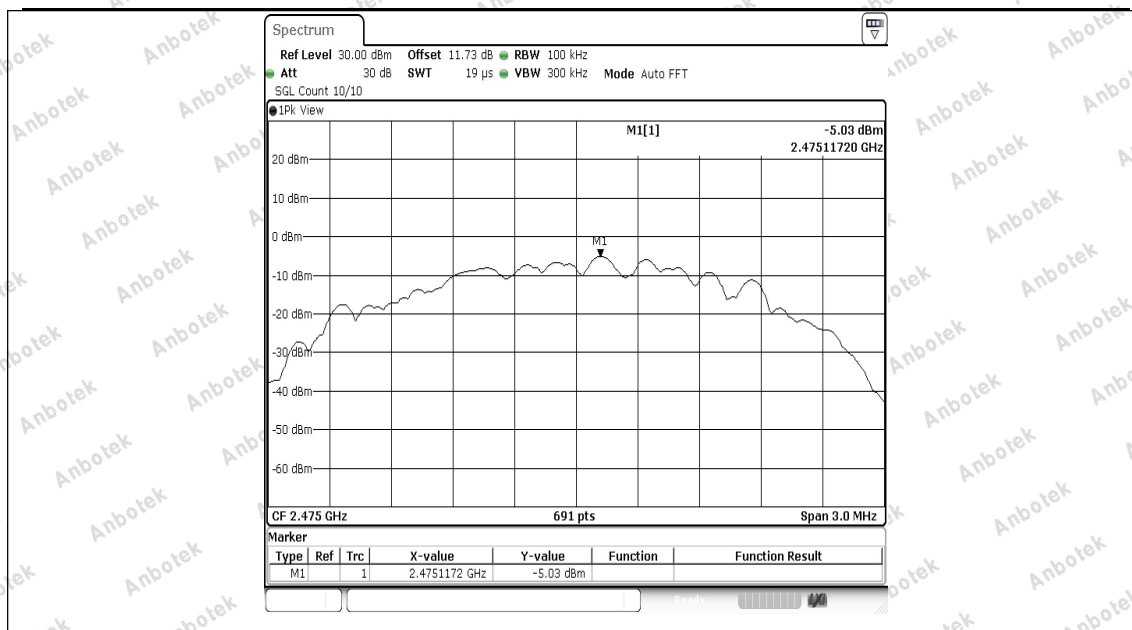


Test Graphs

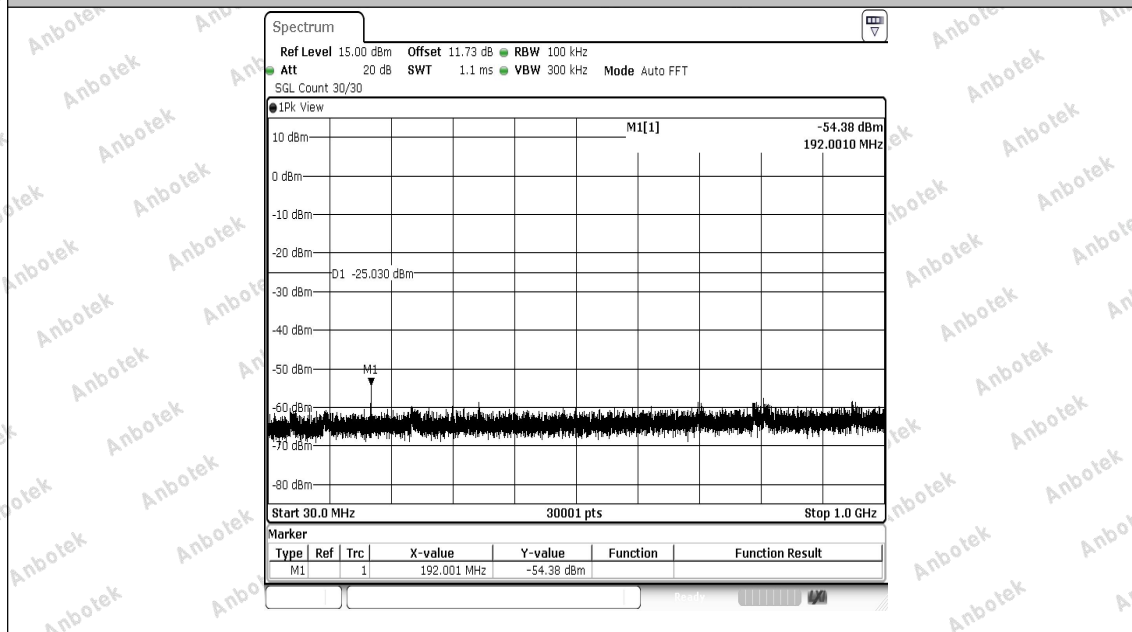






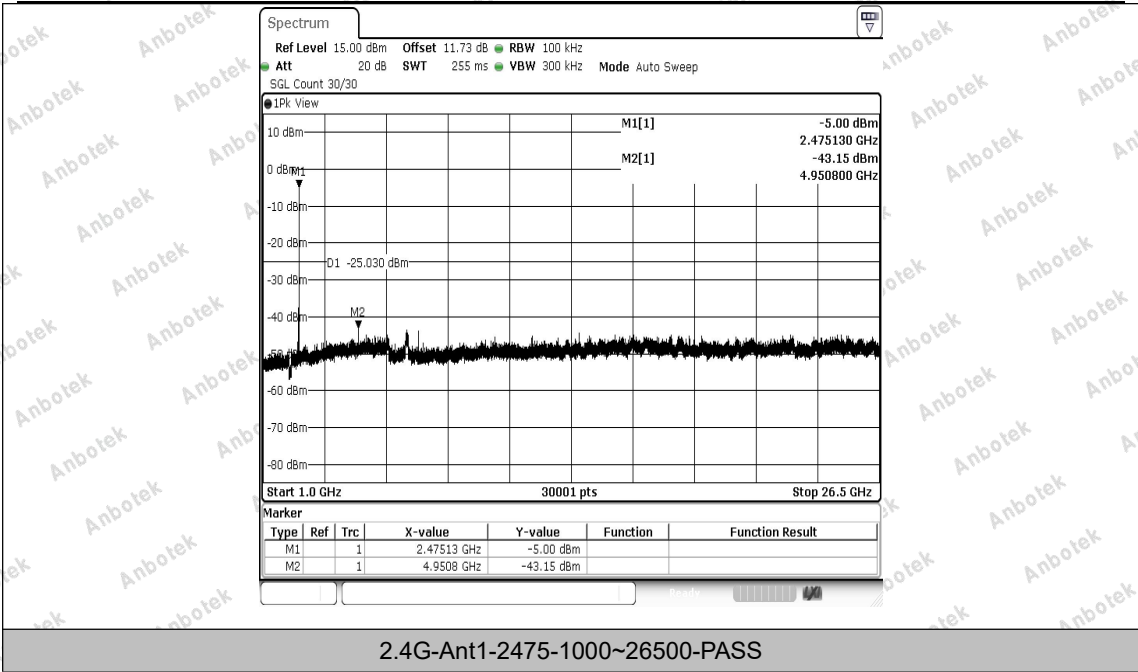


2.4G-Ant1-2475-0~Reference-PASS



2.4G-Ant1-2475-30~1000-PASS





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