

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:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.2°C	Relative Humidity:	52%
Pressure:	101 kPa		

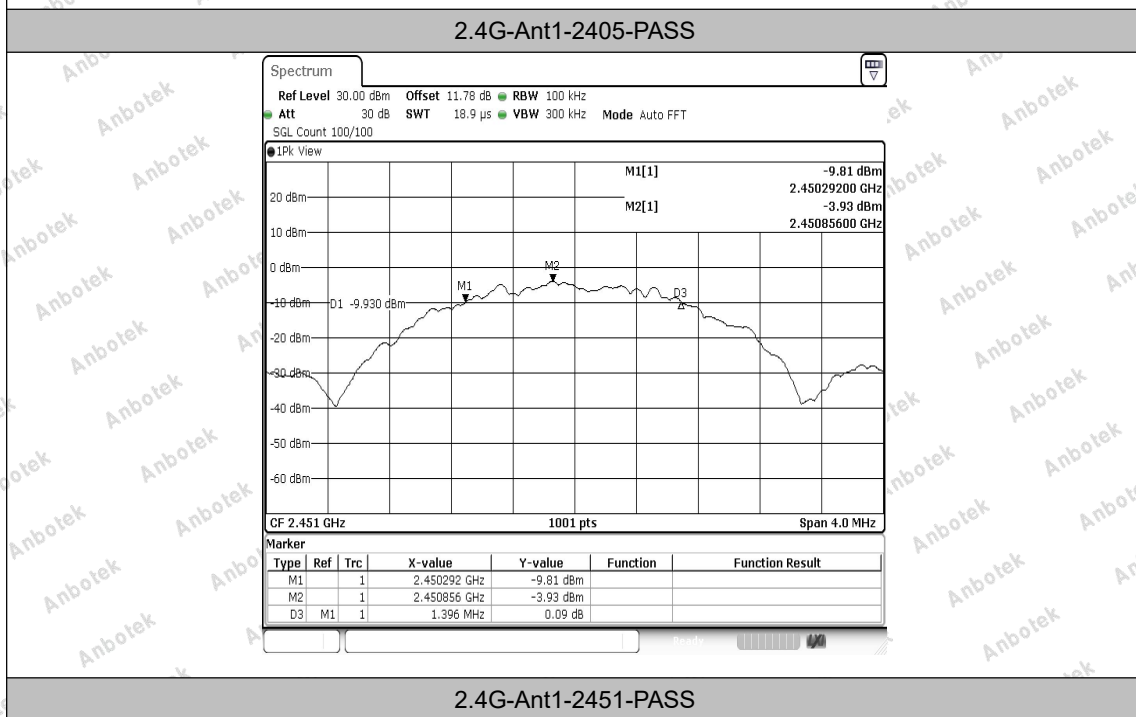
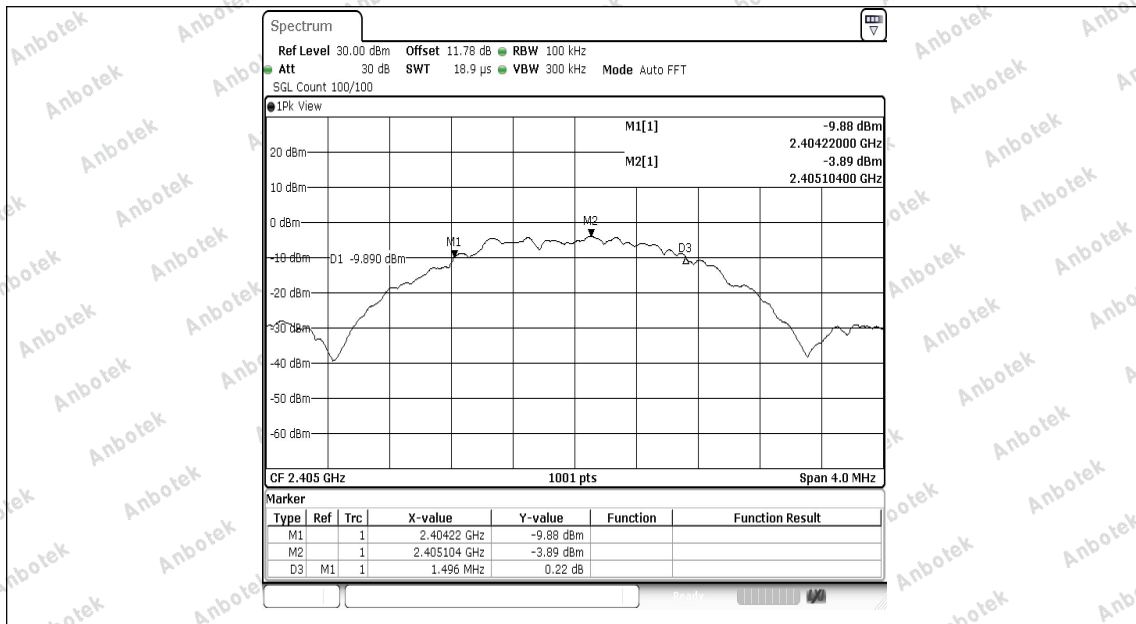
Appendix A: DTS Bandwidth

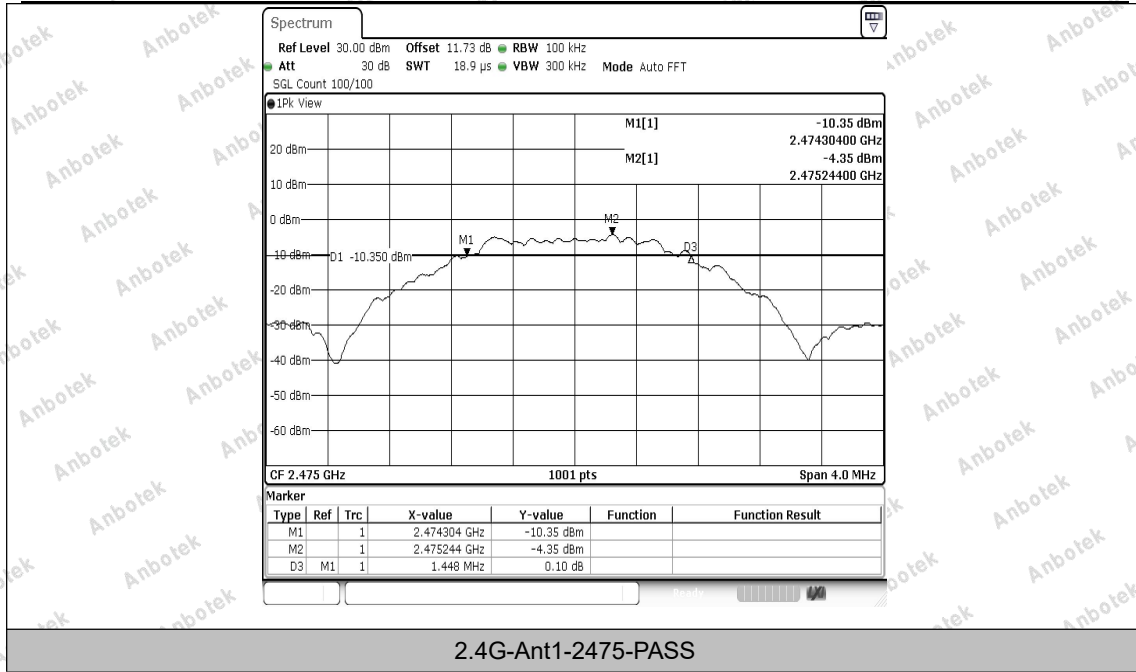
Test Result

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





Shenzhen Anbotek Compliance Laboratory Limited

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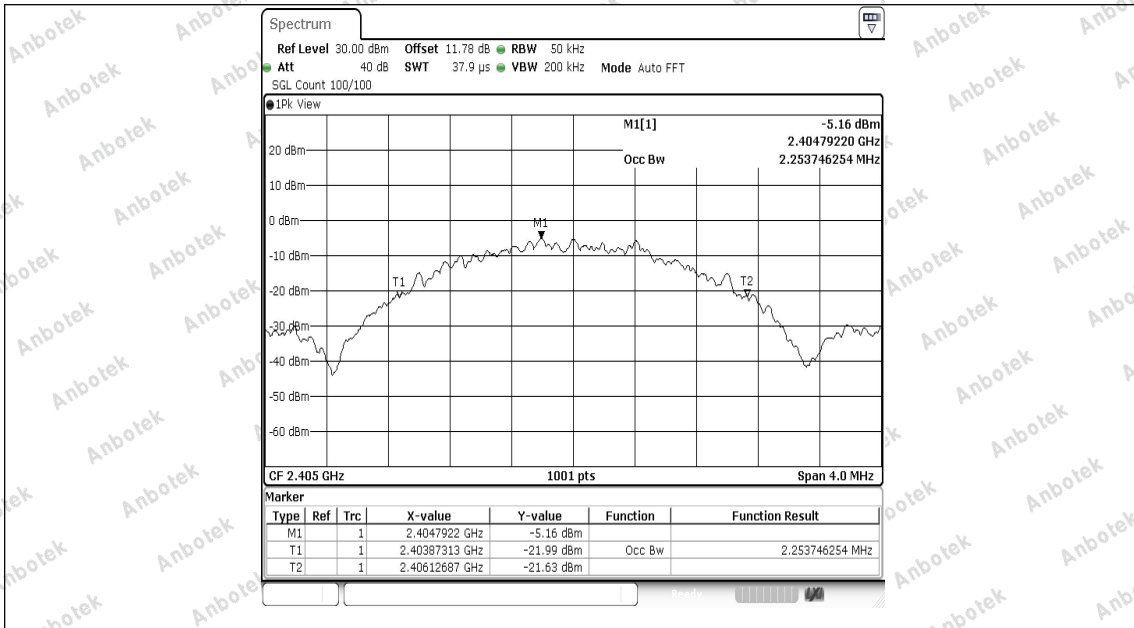
Appendix B: Occupied Channel Bandwidth

Test Result

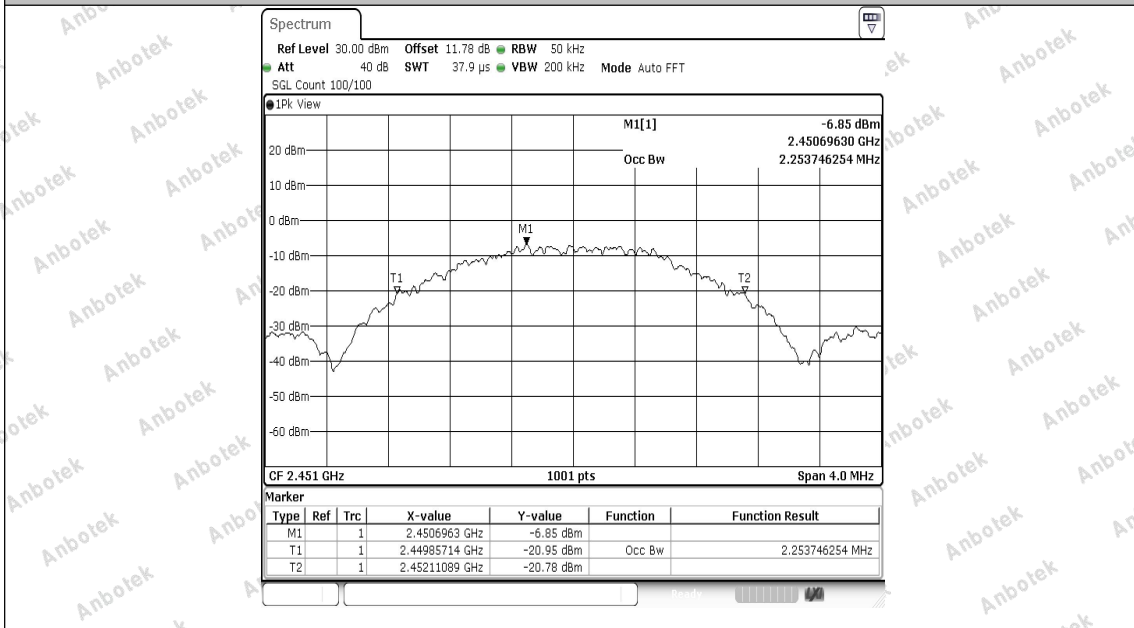
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.254	2403.8731	2406.1269	---	---
2.4G	Ant1	2451	2.254	2449.8571	2452.1109	---	---
2.4G	Ant1	2475	2.238	2473.8571	2476.0949	---	---



Test Graphs

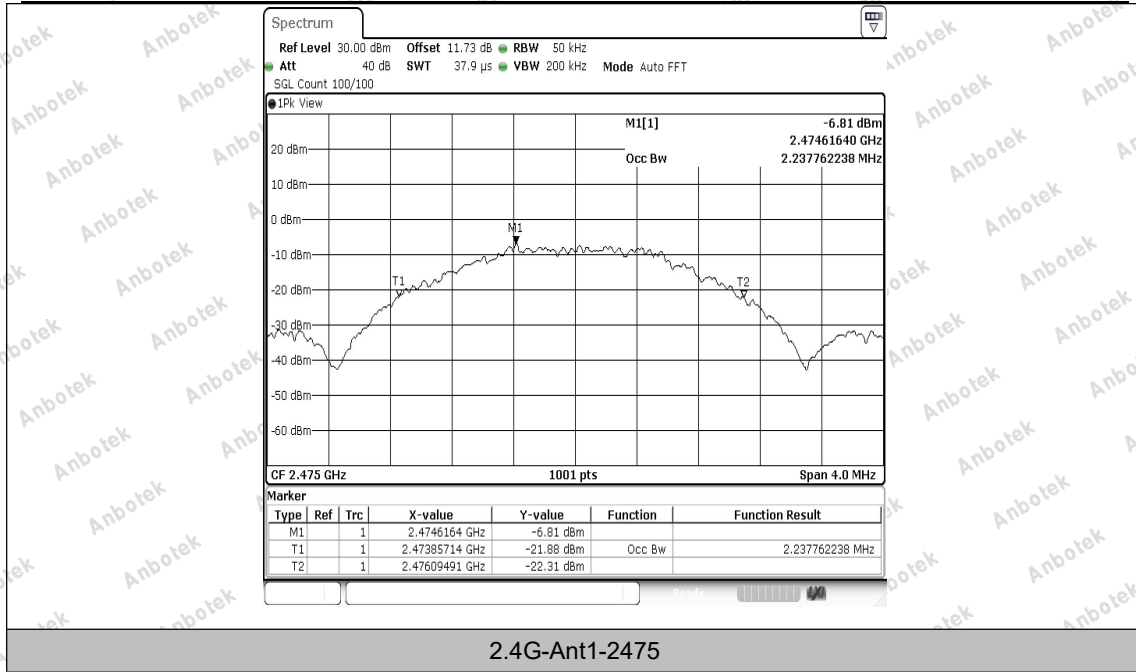


2.4G-Ant1-2405



2.4G-Ant1-2451



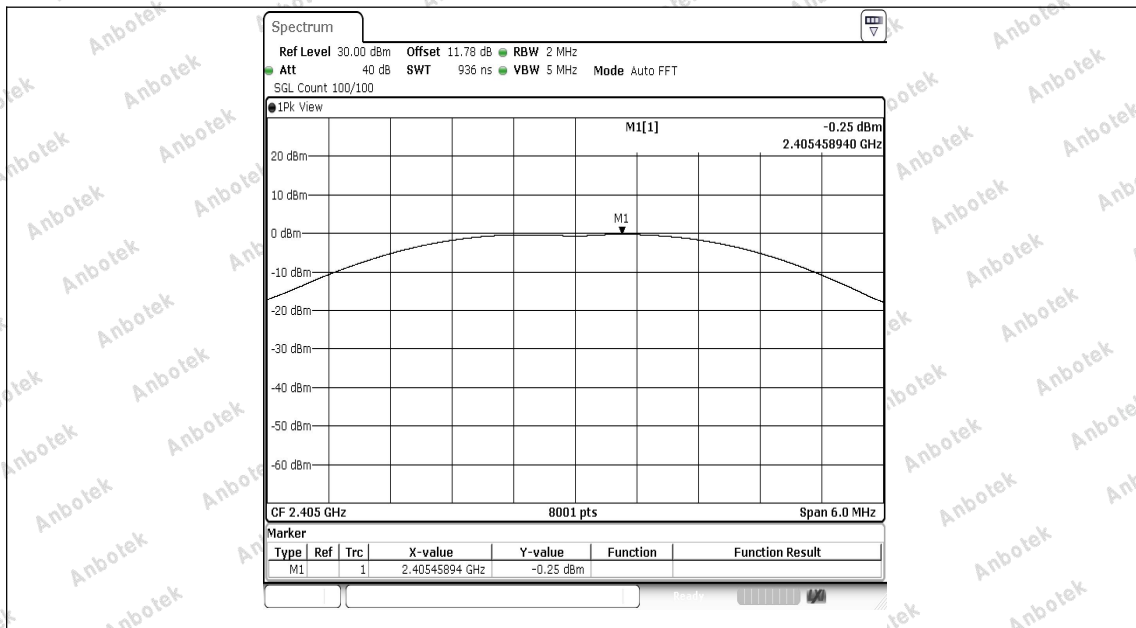


Appendix C: Maximum conducted output power

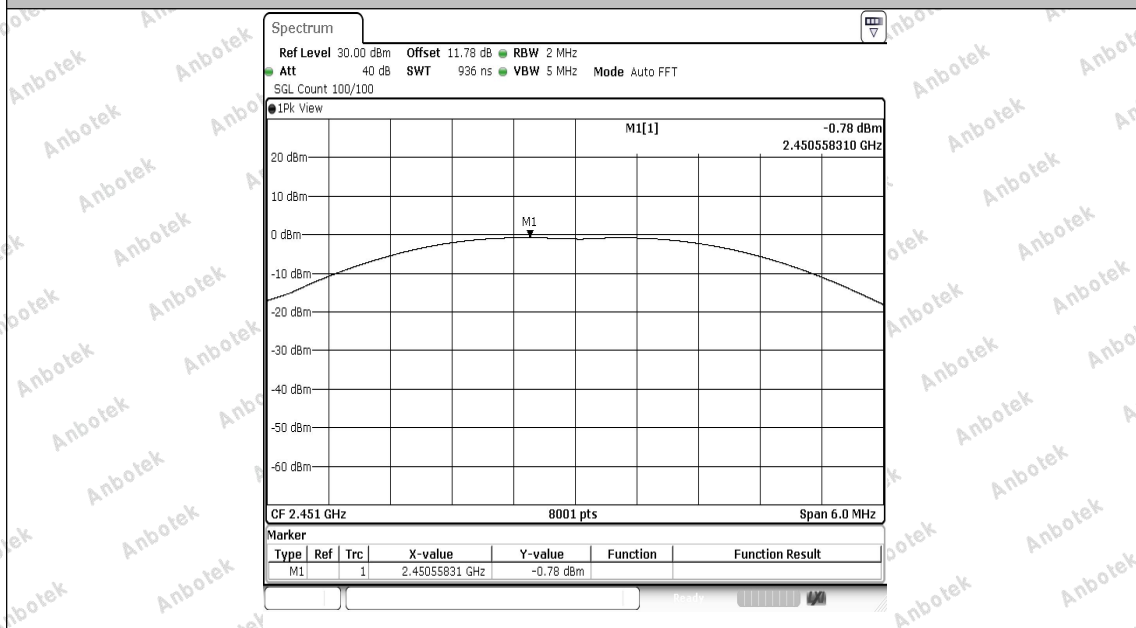
Test Result Peak

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

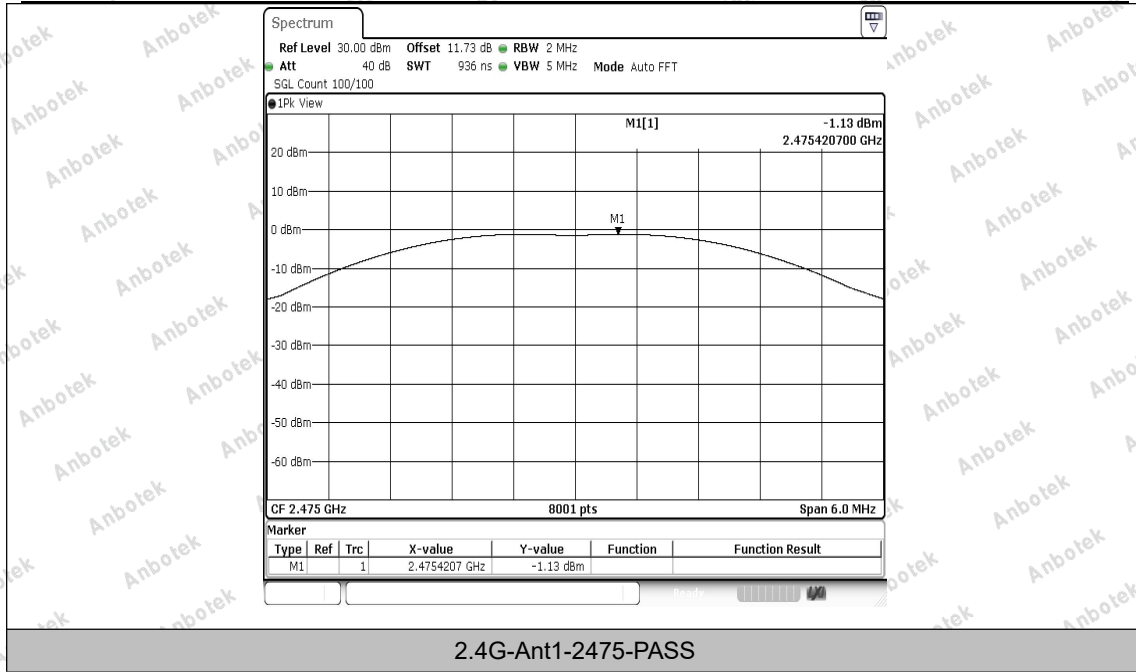


2.4G-Ant1-2405-PASS



2.4G-Ant1-2451-PASS





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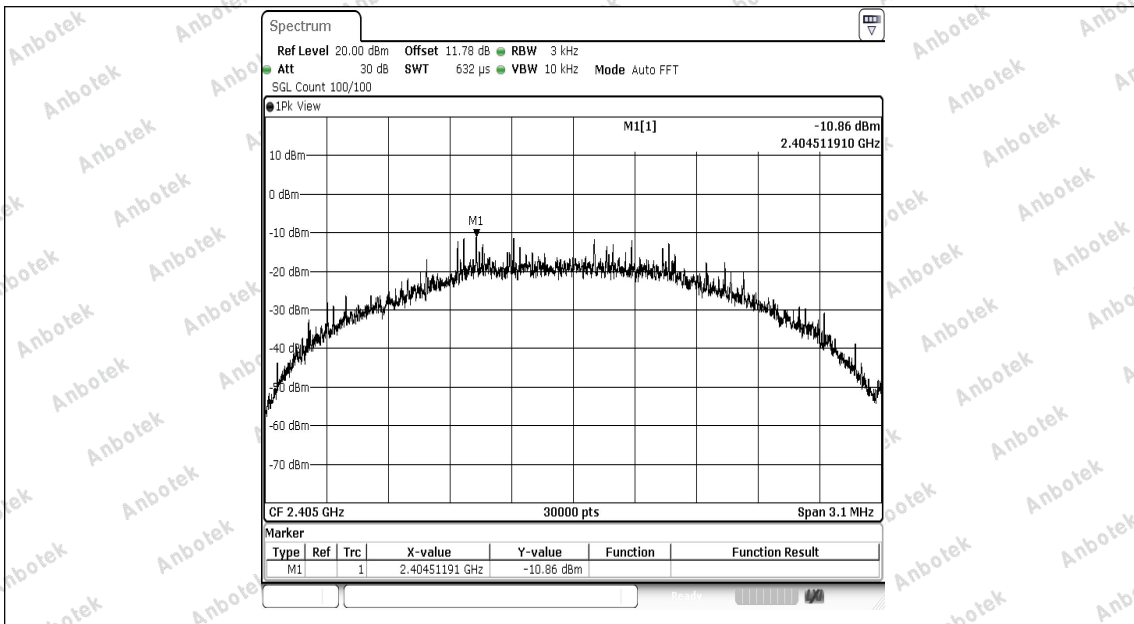
Appendix D: Maximum power spectral density

Test Result

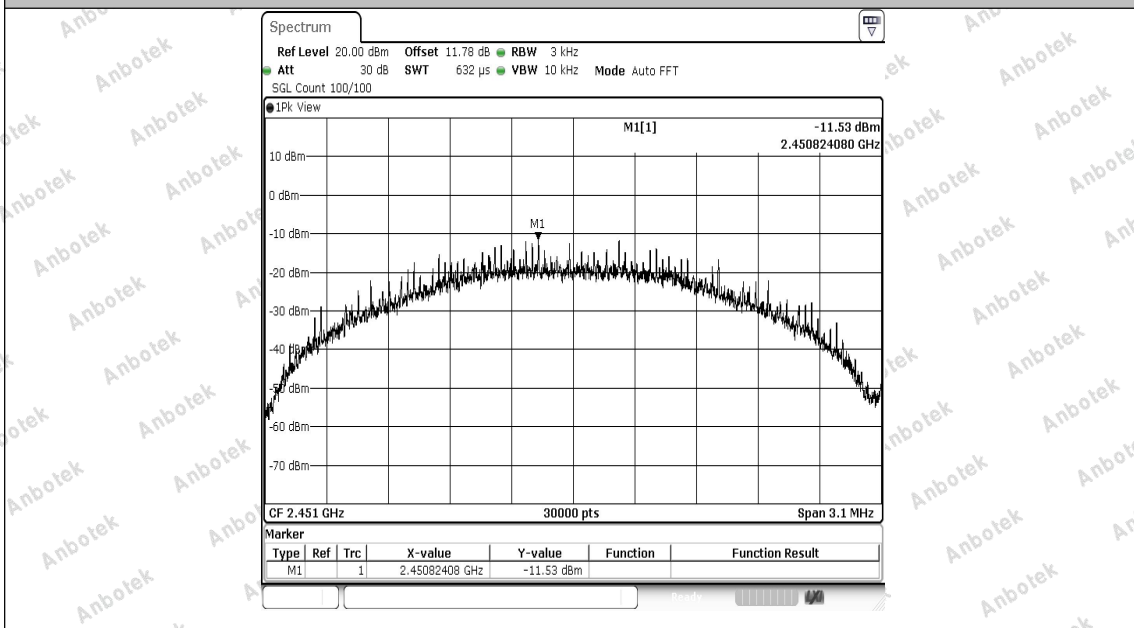
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-10.86	≤8.00	PASS
2.4G	Ant1	2451	-11.53	≤8.00	PASS
2.4G	Ant1	2475	-11.82	≤8.00	PASS



Test Graphs

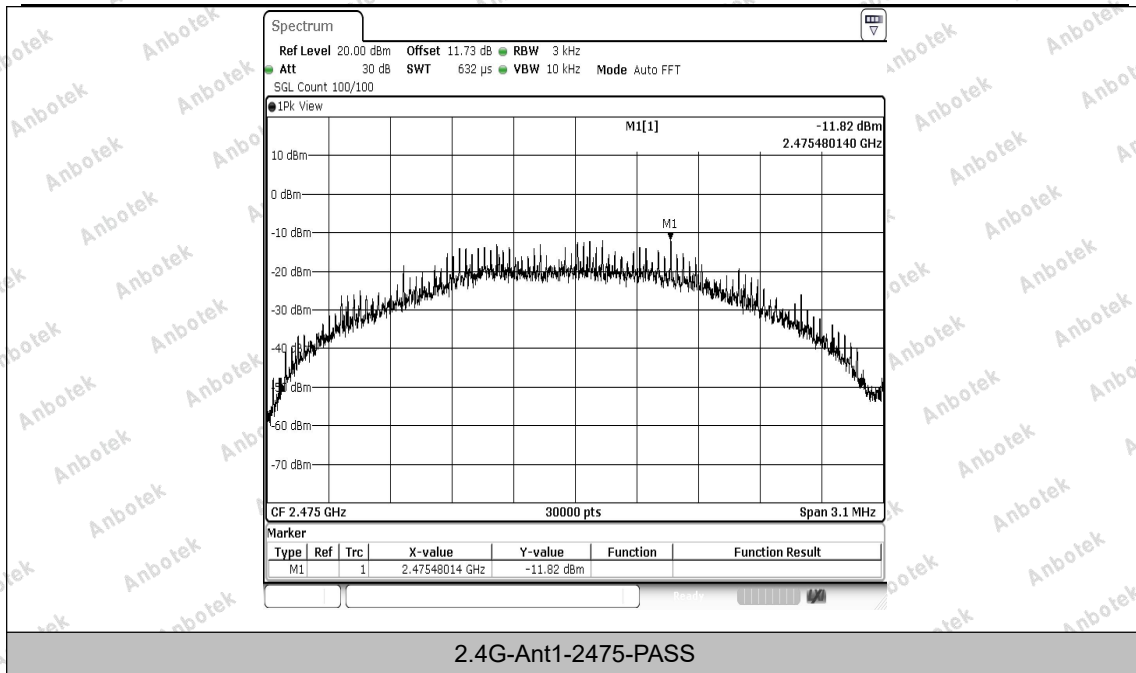


2.4G-Ant1-2405-PASS



2.4G-Ant1-2451-PASS





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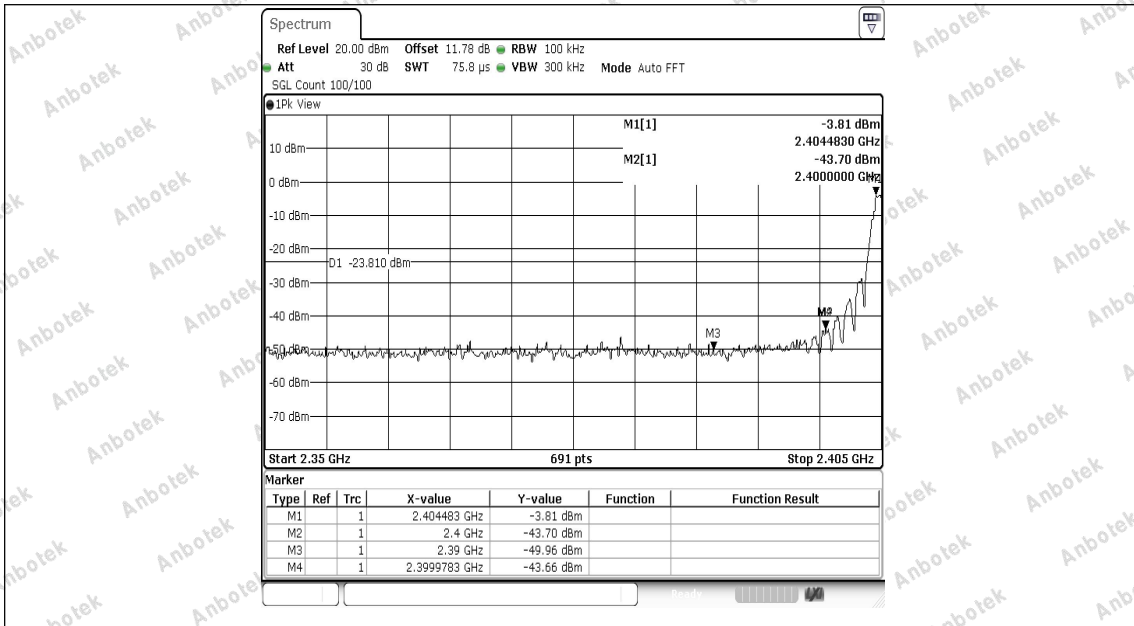
Appendix E: Band edge measurements

Test Result

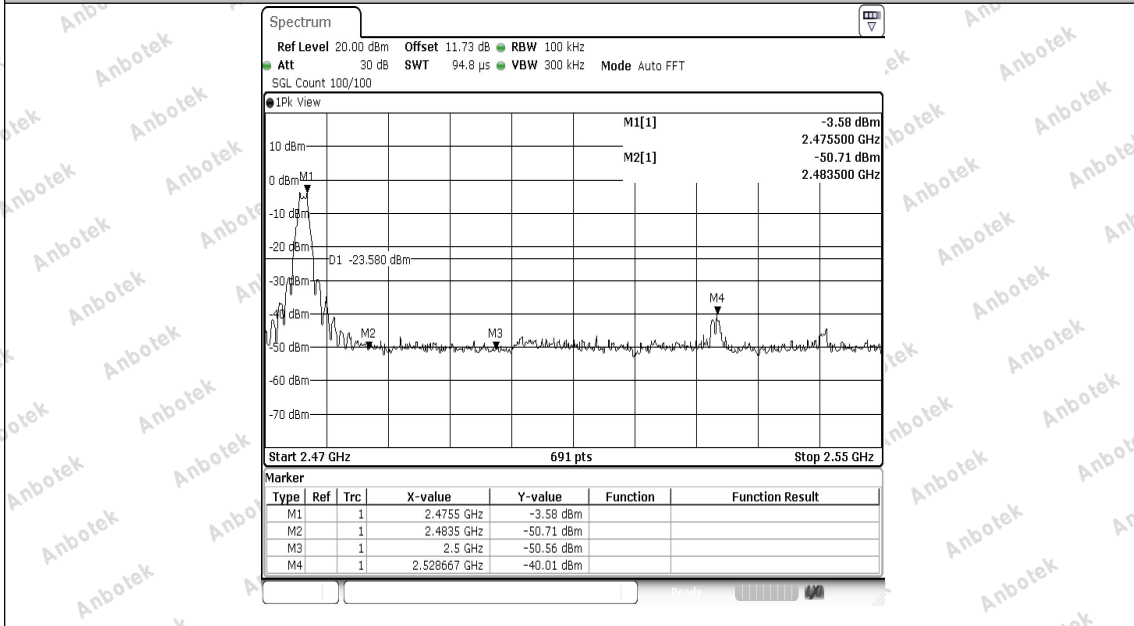
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	Low	2405	-3.81	-43.66	≤-23.81	PASS
2.4G	Ant1	High	2475	-3.58	-40.01	≤-23.58	PASS



Test Graphs



2.4G-Ant1-2405-PASS



2.4G-Ant1-2475-PASS



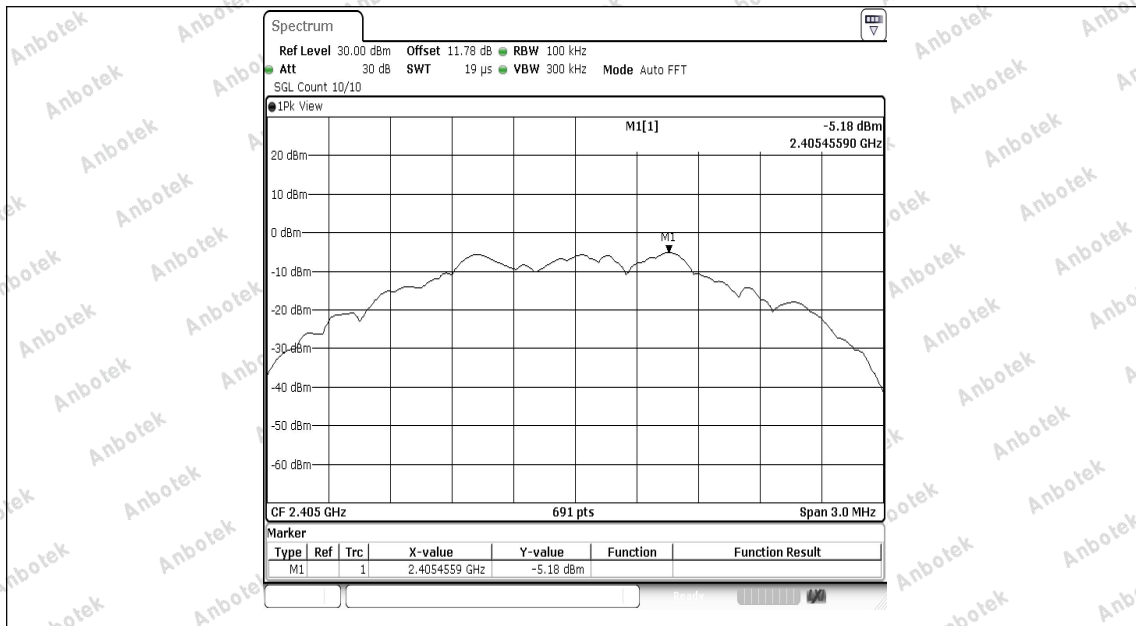
Appendix F: Conducted Spurious Emission

Test Result

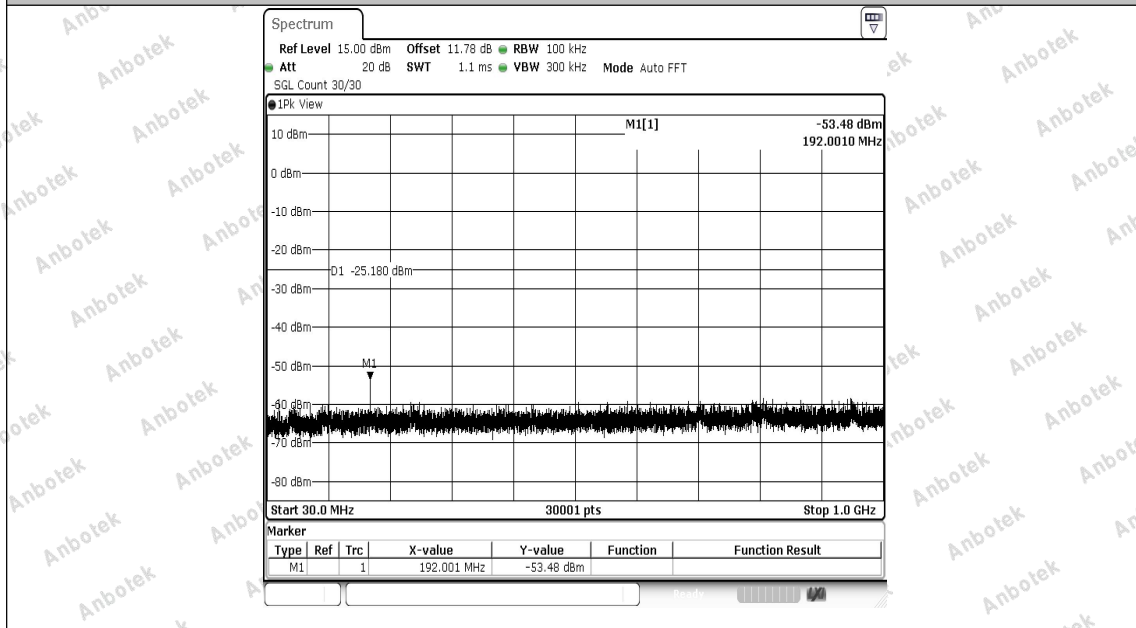
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2405	0~Reference	-5.18	-5.18	---	PASS
2.4G	Ant1	2405	30~1000	-5.18	-53.48	≤-25.18	PASS
2.4G	Ant1	2405	1000~26500	-5.18	-40.33	≤-25.18	PASS
2.4G	Ant1	2451	0~Reference	-5.95	-5.95	---	PASS
2.4G	Ant1	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

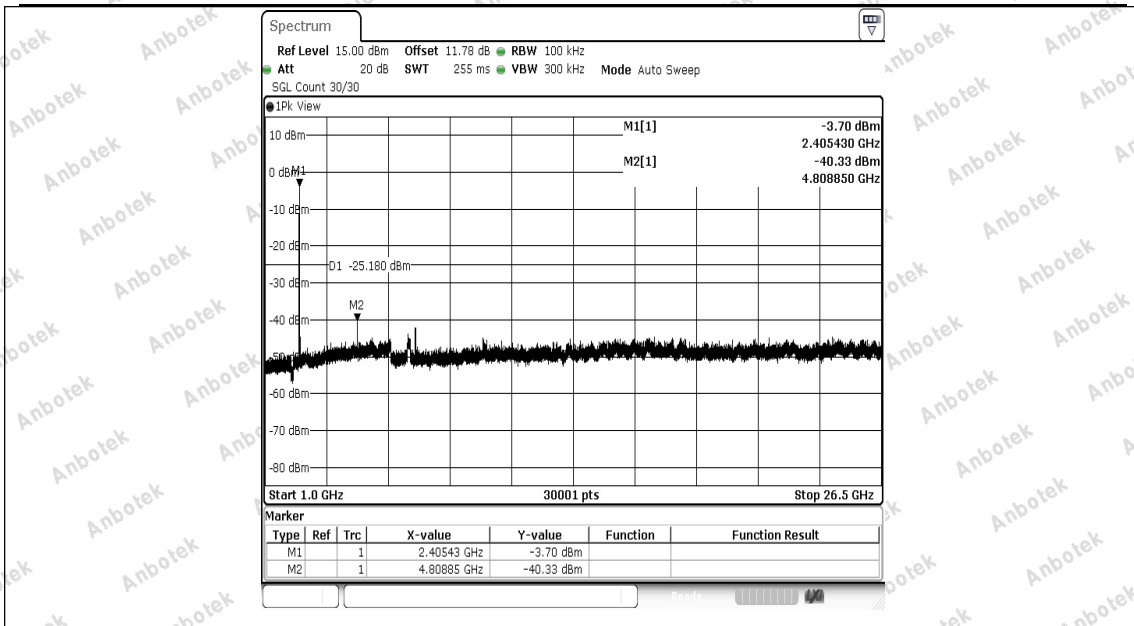


2.4G-Ant1-2405-0~Reference-PASS

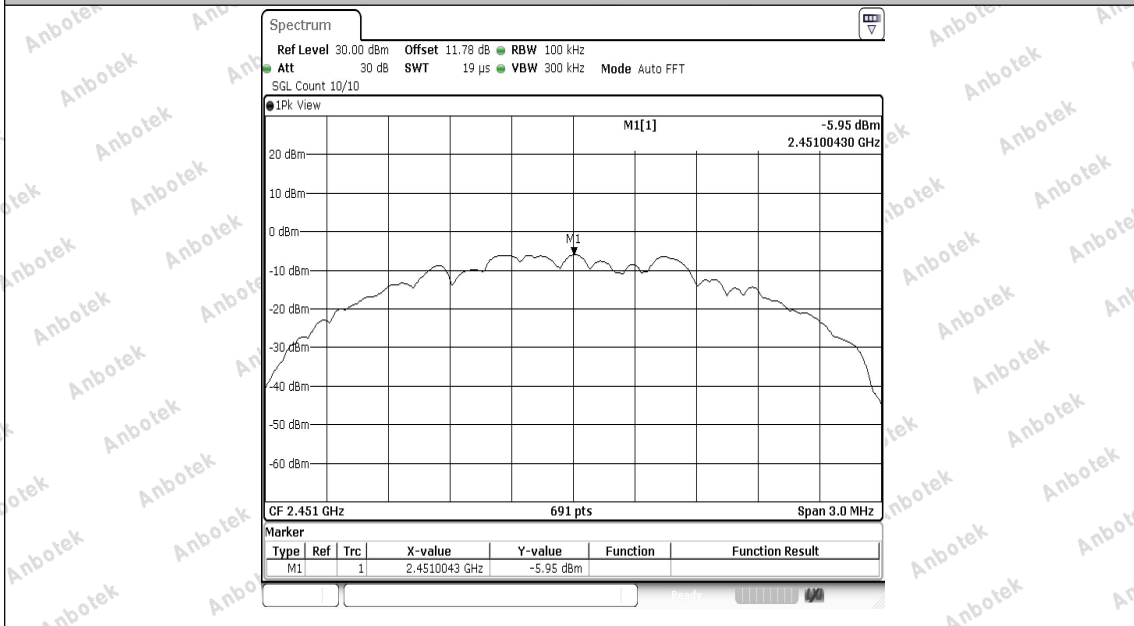


2.4G-Ant1-2405-30~1000-PASS



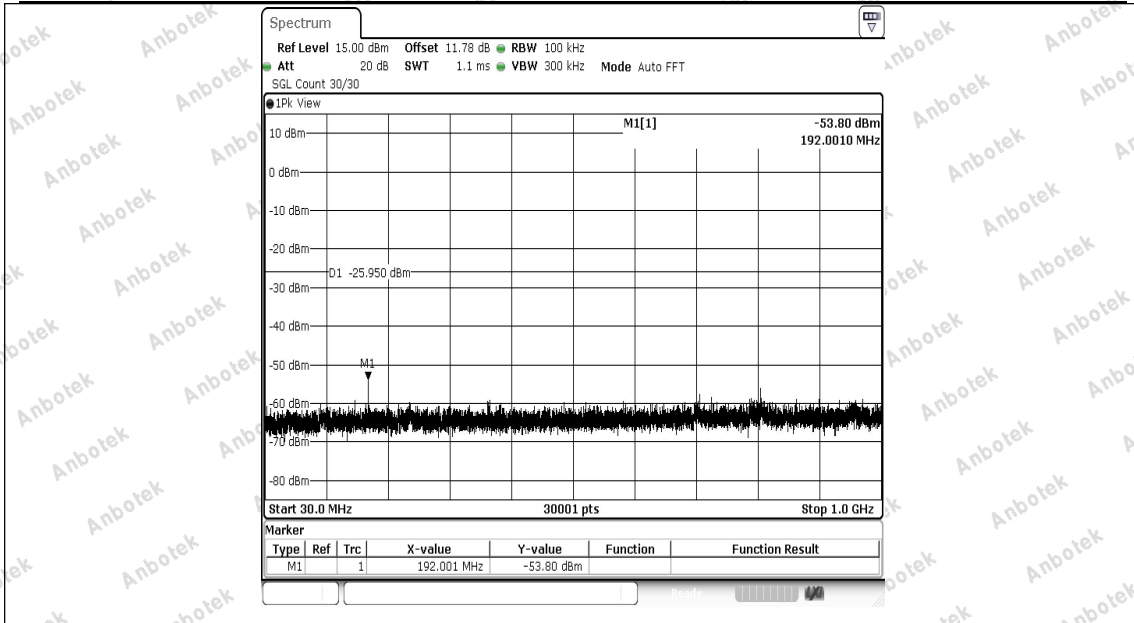


2.4G-Ant1-2405-1000~26500-PASS

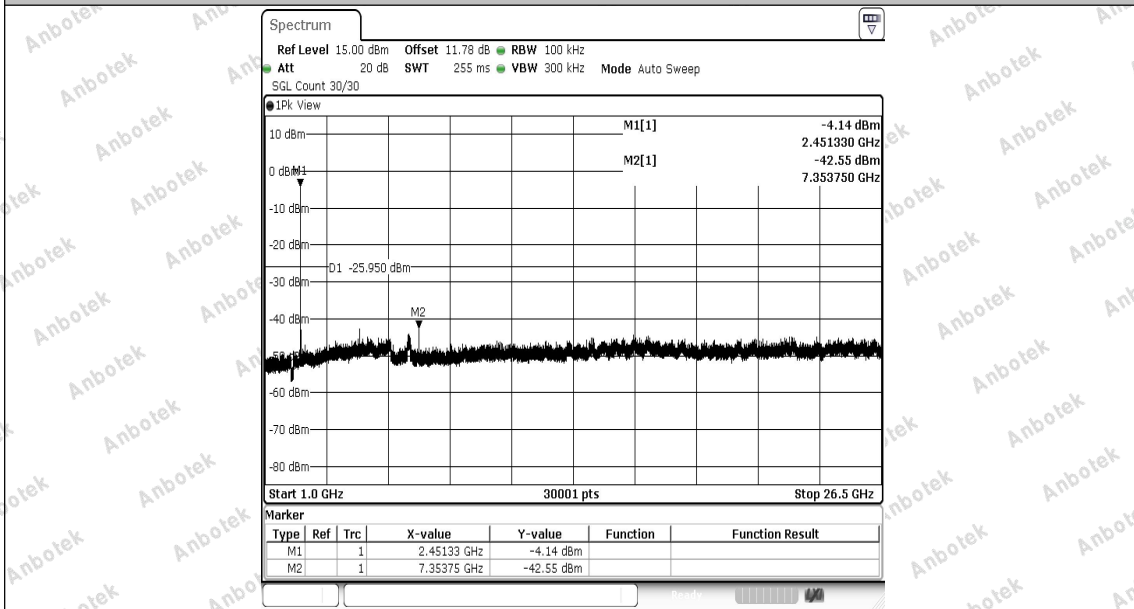


2.4G-Ant1-2451-0~Reference-PASS



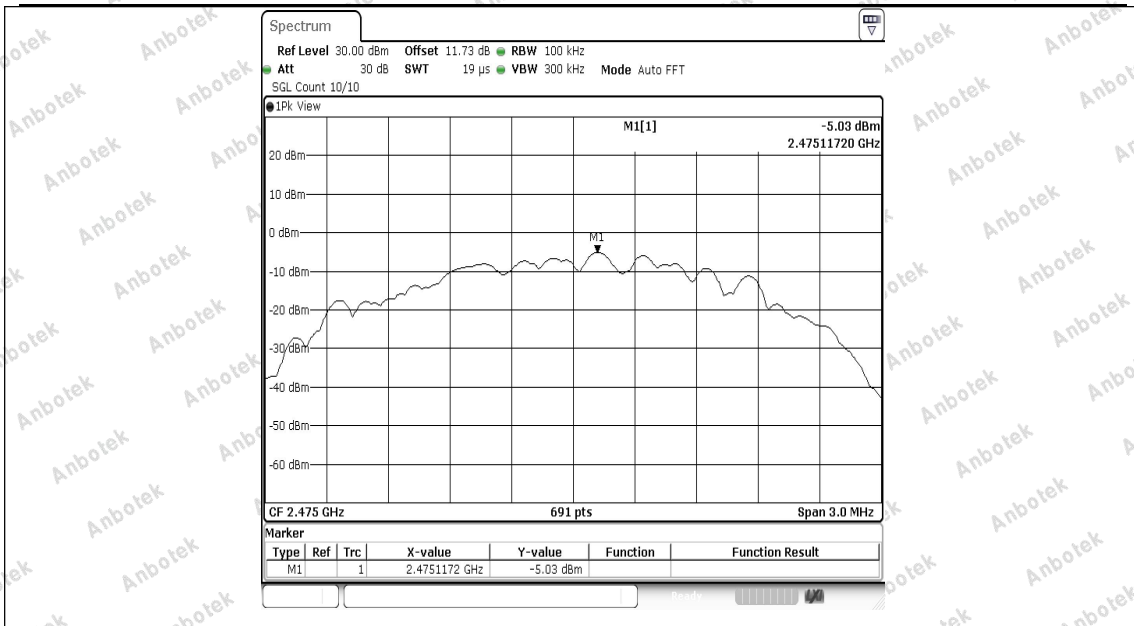


2.4G-Ant1-2451-30~1000-PASS

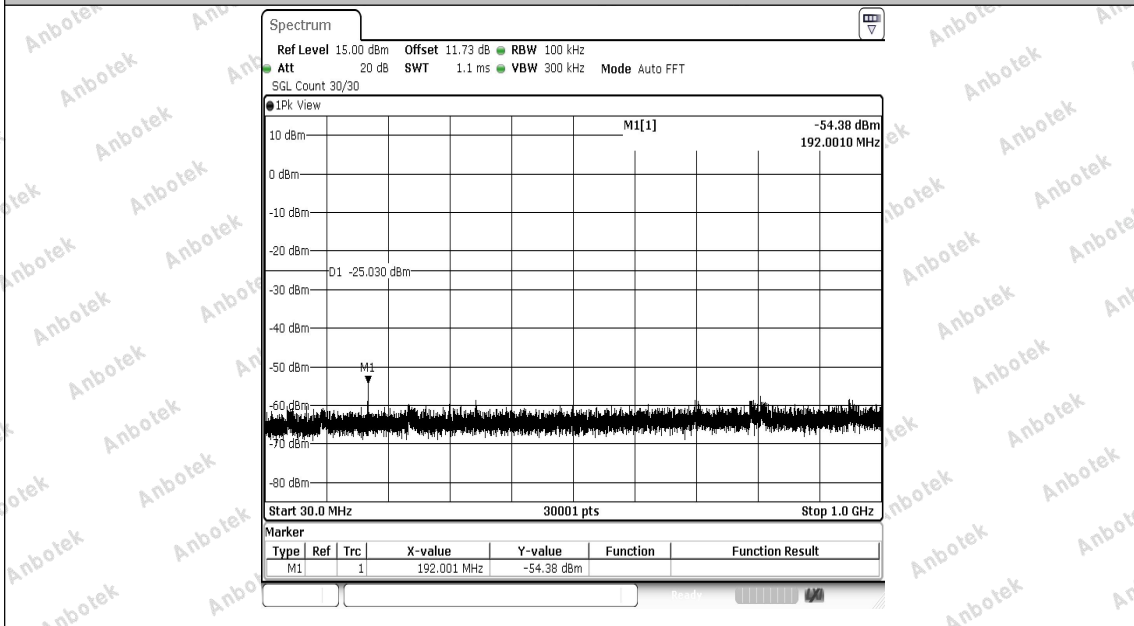


2.4G-Ant1-2451-1000~26500-PASS



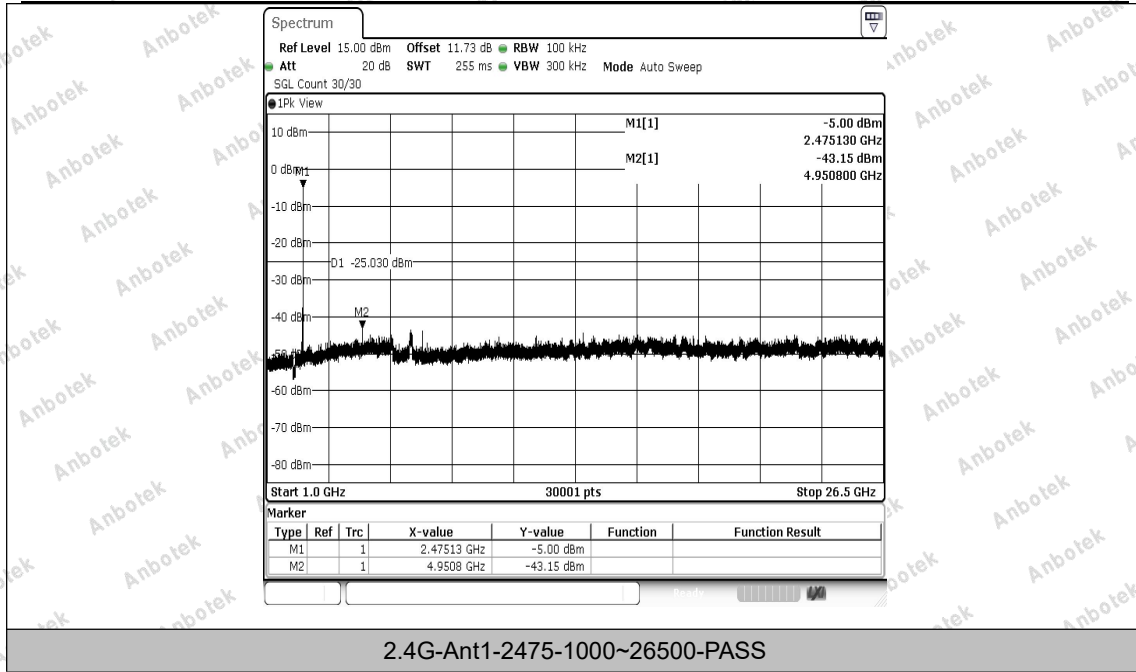


2.4G-Ant1-2475-0~Reference-PASS



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





---END---

