

## Appendix Test Data

Report No:	1813C40054312501	Test Sample NO:	1-2-2
Start Test Date:	2024.4.30	Finish Test Date:	2024.4.30
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.7°C	Relative Humidity:	49%
Pressure:	101 kPa		

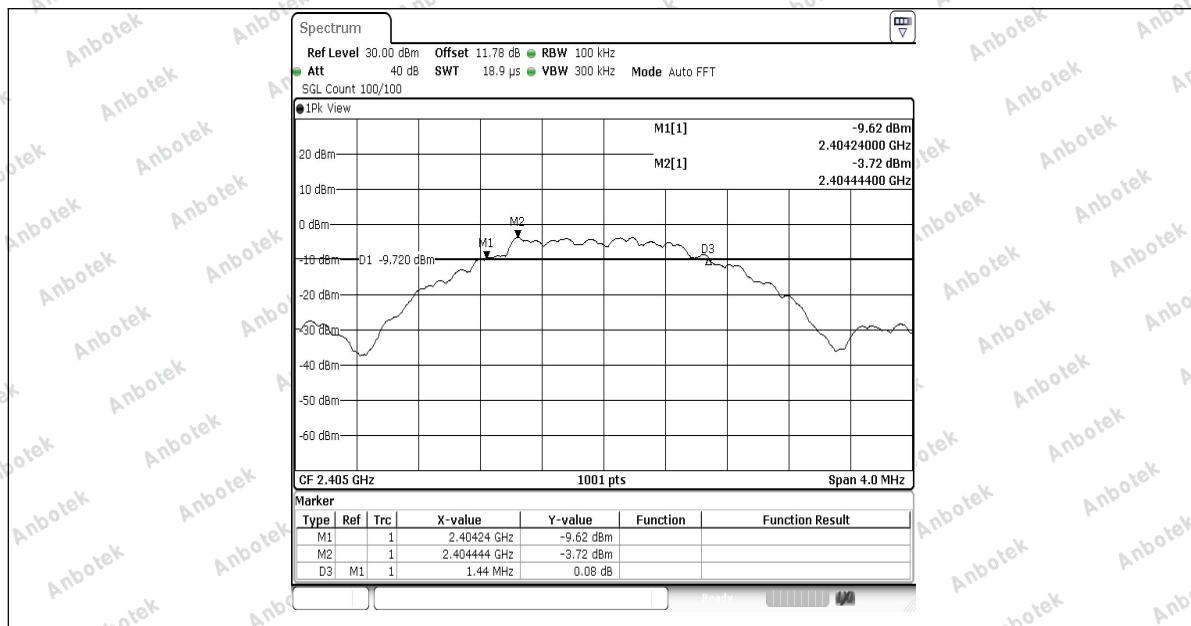
## Appendix A: DTS Bandwidth

## Test Result

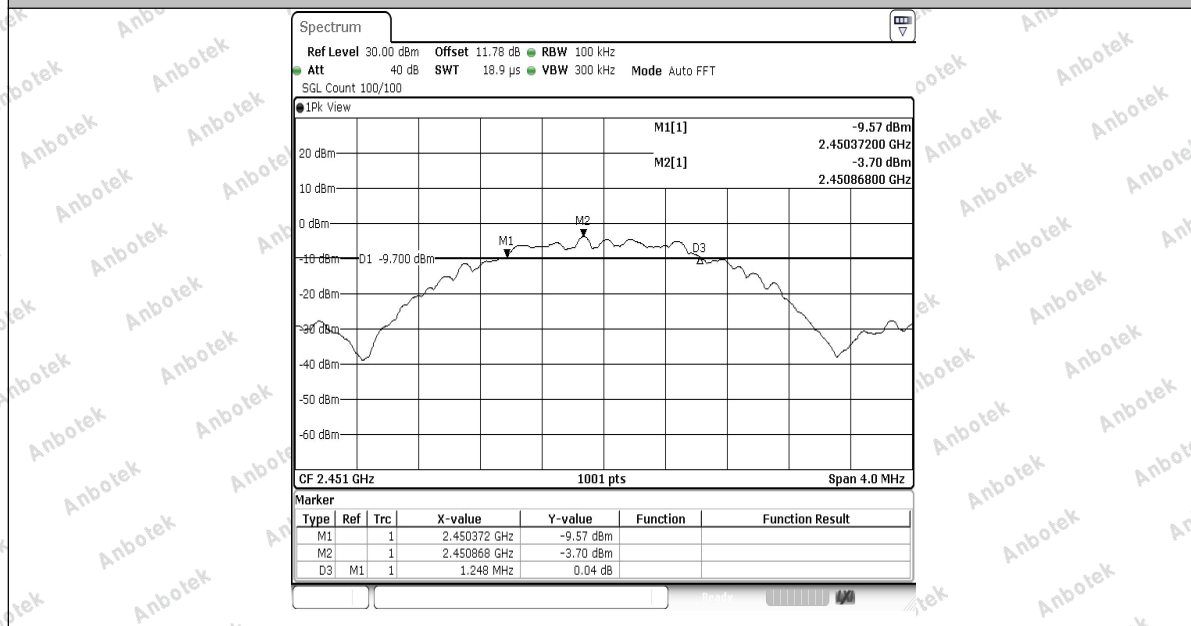
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.44	2404.24	2405.68	0.5	PASS
2.4G	Ant1	2451	1.25	2450.37	2451.62	0.5	PASS
2.4G	Ant1	2475	1.54	2474.22	2475.77	0.5	PASS



## Test Graphs

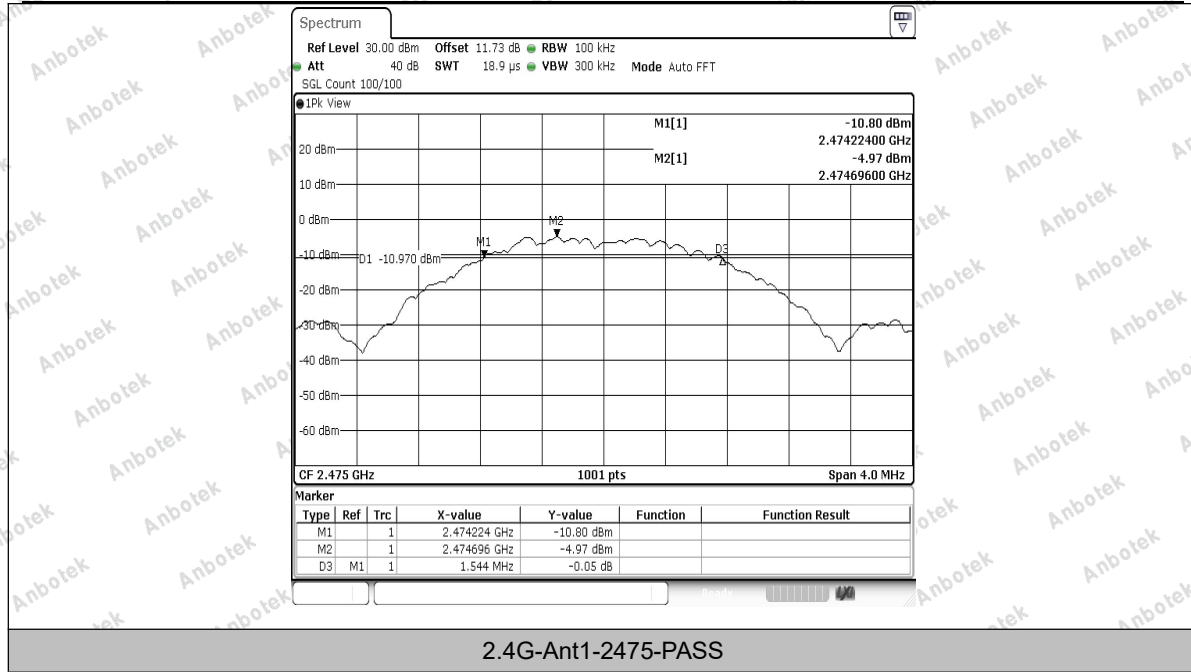


2.4G-Ant1-2405-PASS



2.4G-Ant1-2451-PASS





## Appendix B: Occupied Channel Bandwidth

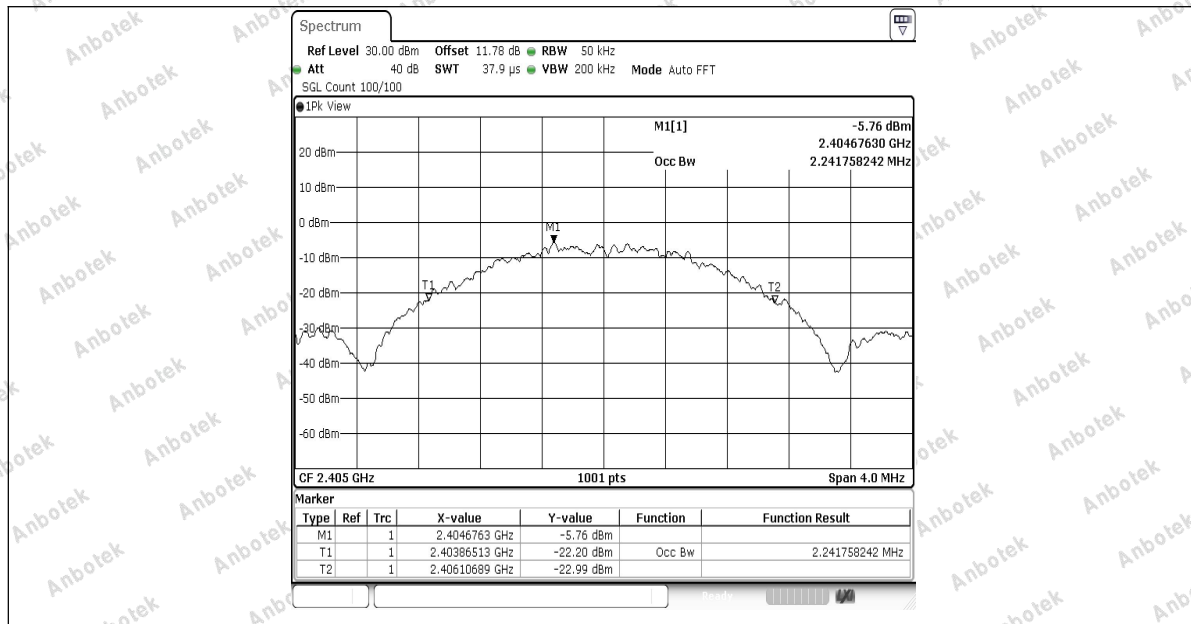
### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.242	2403.8651	2406.1069	---	---
2.4G	Ant1	2451	2.238	2449.8691	2452.1069	---	---
2.4G	Ant1	2475	2.274	2473.8332	2476.1069	---	---

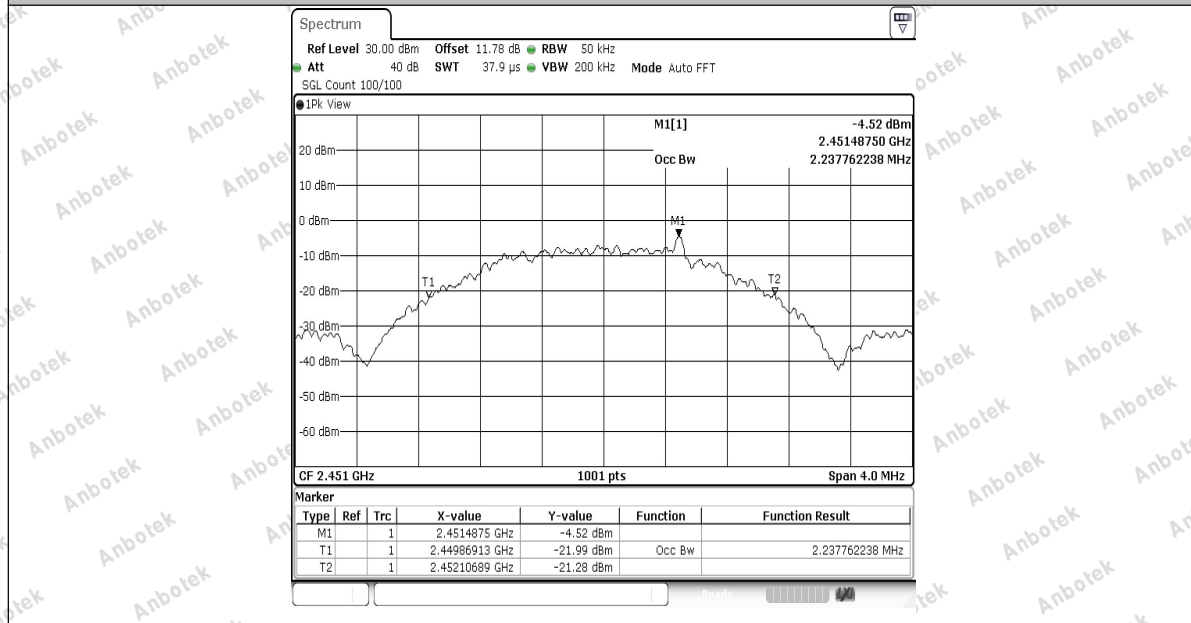




## Test Graphs

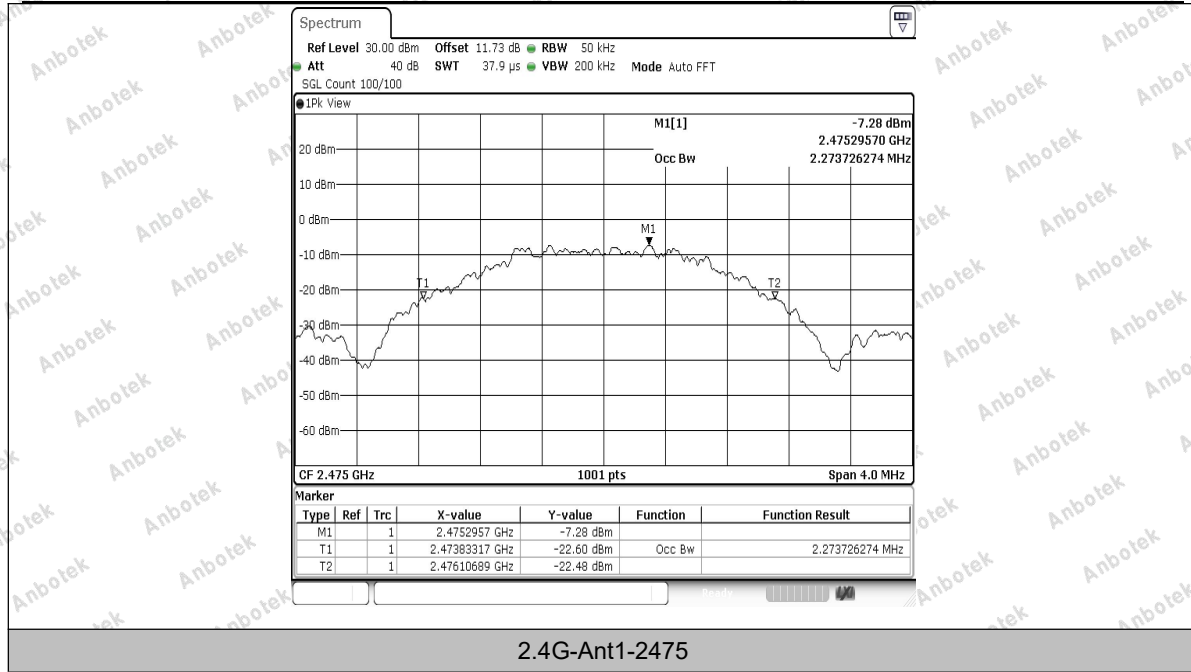


2.4G-Ant1-2405



2.4G-Ant1-2451



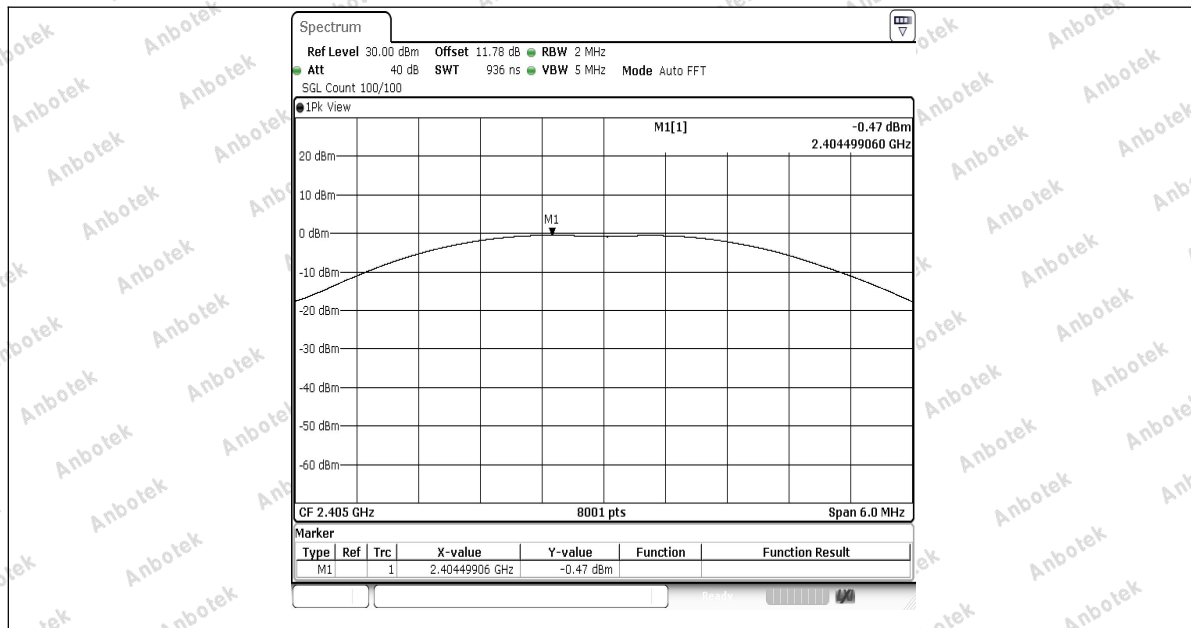


## Appendix C: Maximum conducted output power

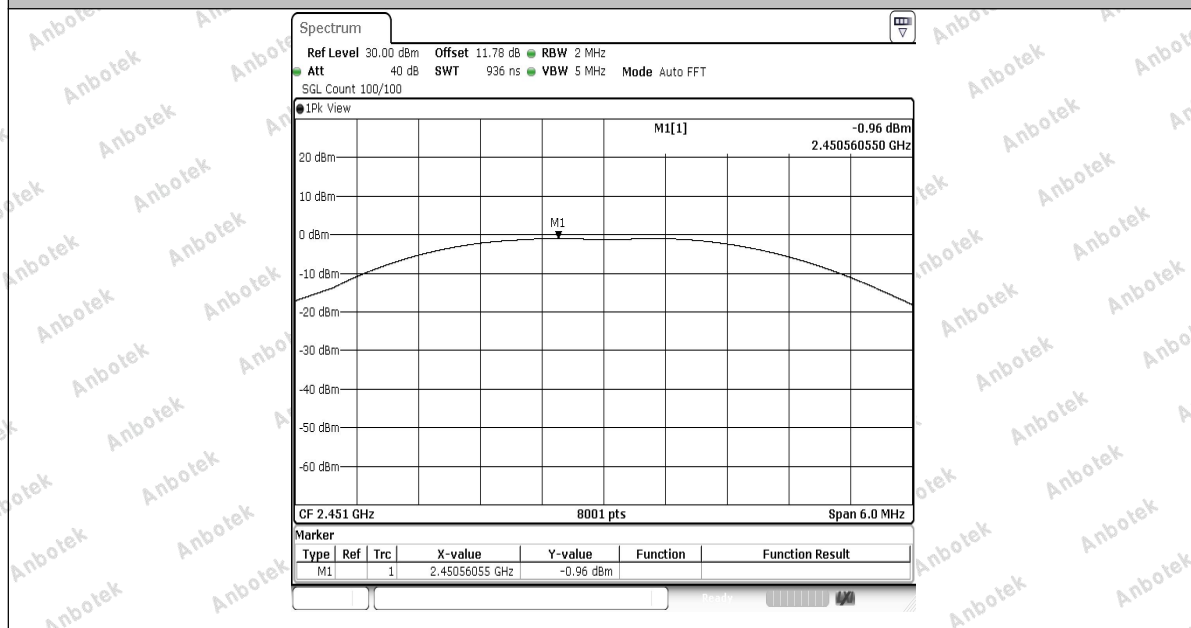
### Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	-0.47	≤30	PASS
2.4G	Ant1	2451	-0.96	≤30	PASS
2.4G	Ant1	2475	-1.22	≤30	PASS

### Test Graphs Peak

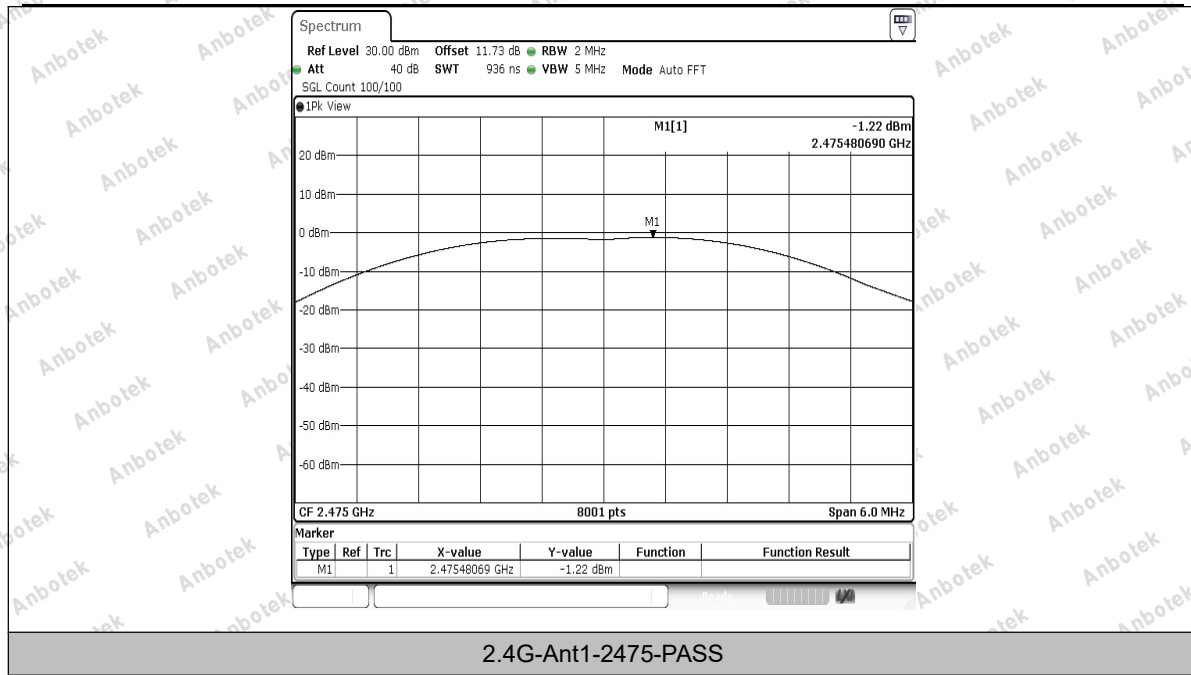


2.4G-Ant1-2405-PASS



2.4G-Ant1-2451-PASS







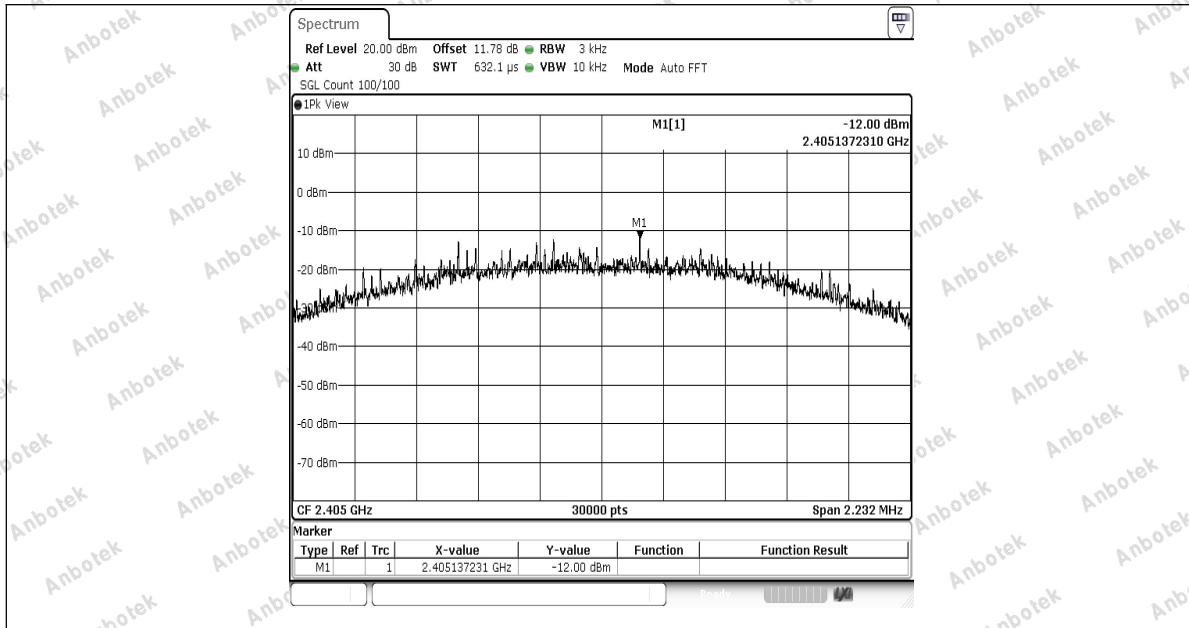
## Appendix D: Maximum power spectral density

### Test Result

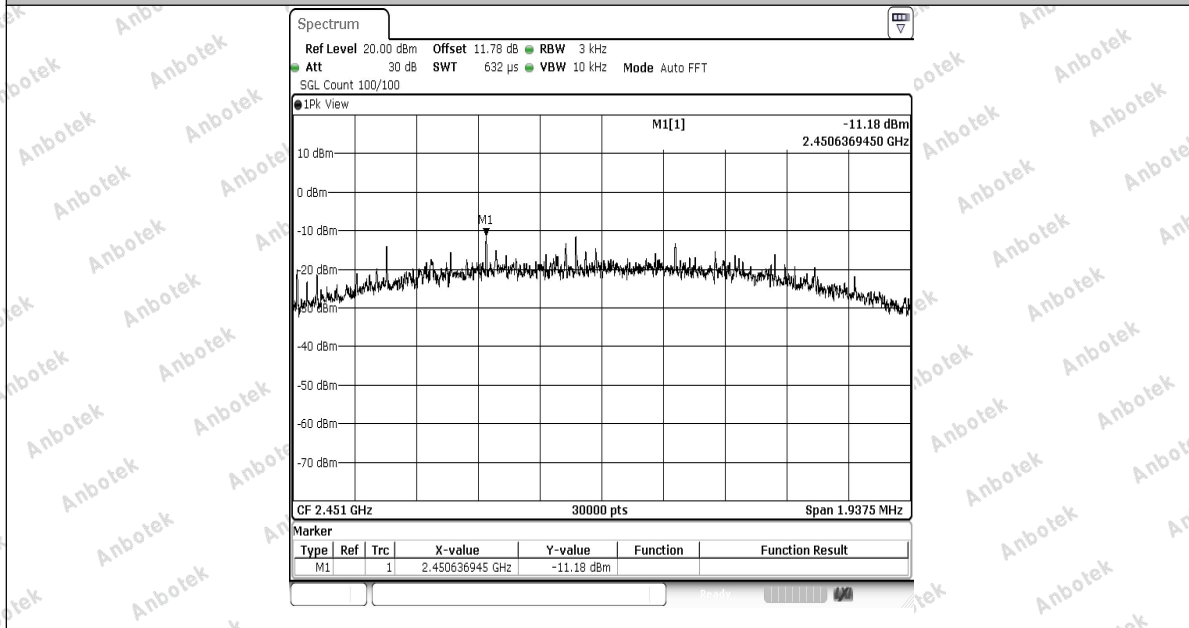
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-12.00	≤8.00	PASS
2.4G	Ant1	2451	-11.18	≤8.00	PASS
2.4G	Ant1	2475	-12.35	≤8.00	PASS



## Test Graphs

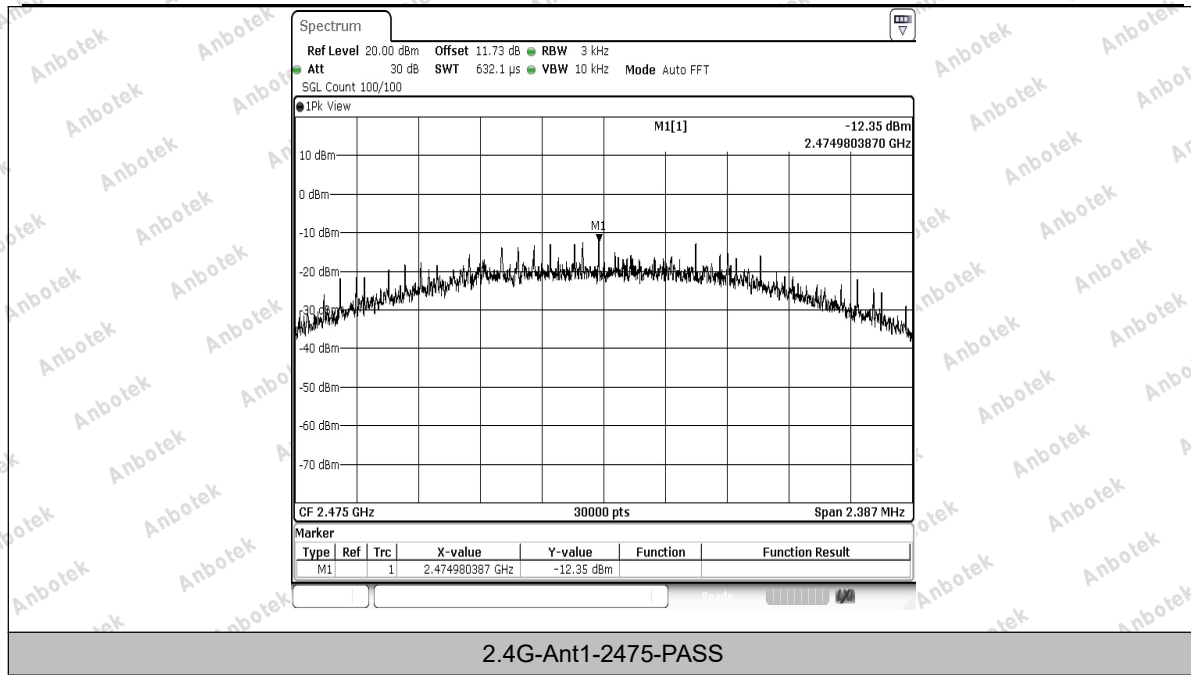


2.4G-Ant1-2405-PASS



2.4G-Ant1-2451-PASS





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400-003-0500  
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## Appendix E: Band edge measurements

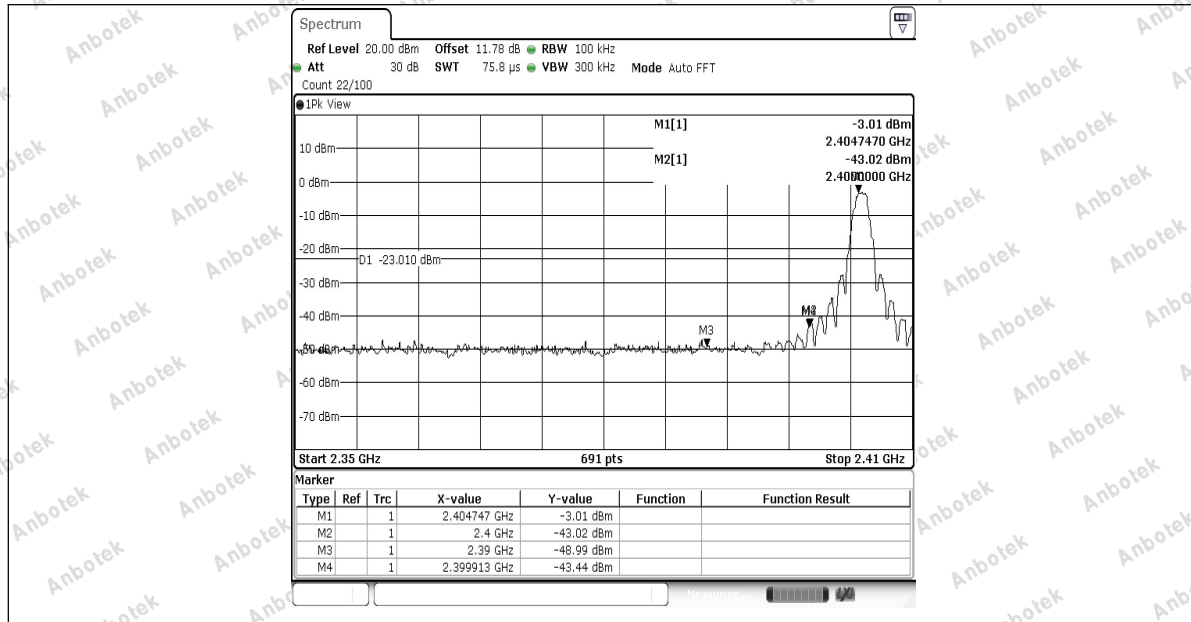
### Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	Low	2405	-3.01	-43.44	≤-23.01	PASS
2.4G	Ant1	High	2475	-4.14	-45.9	≤-24.14	PASS

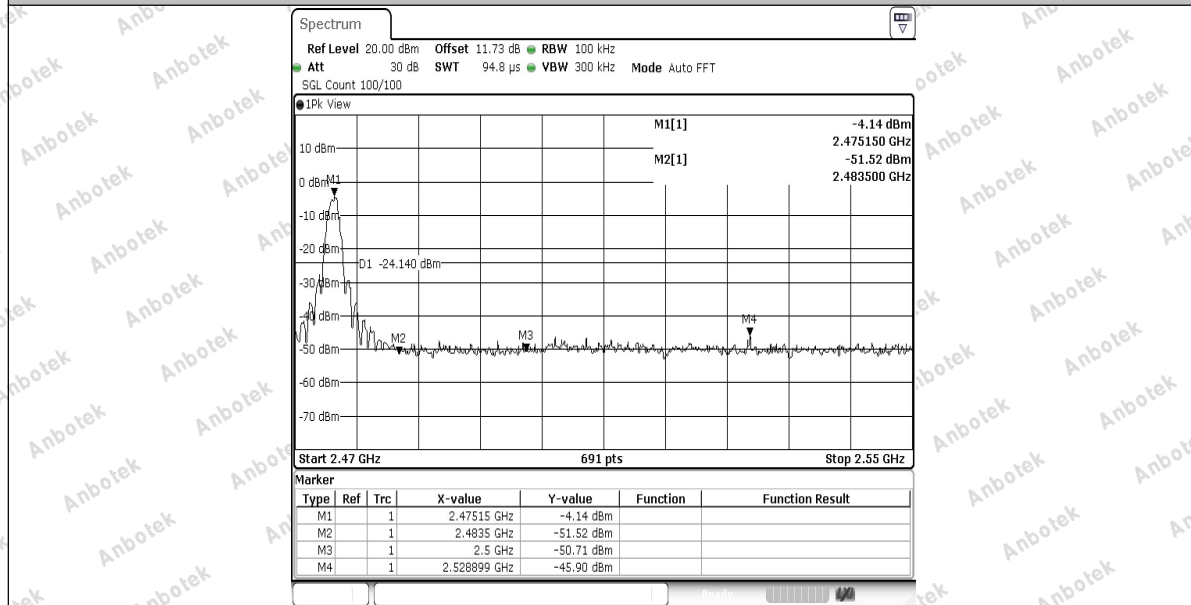




## Test Graphs



2.4G-Ant1-2405-PASS



2.4G-Ant1-2475-PASS



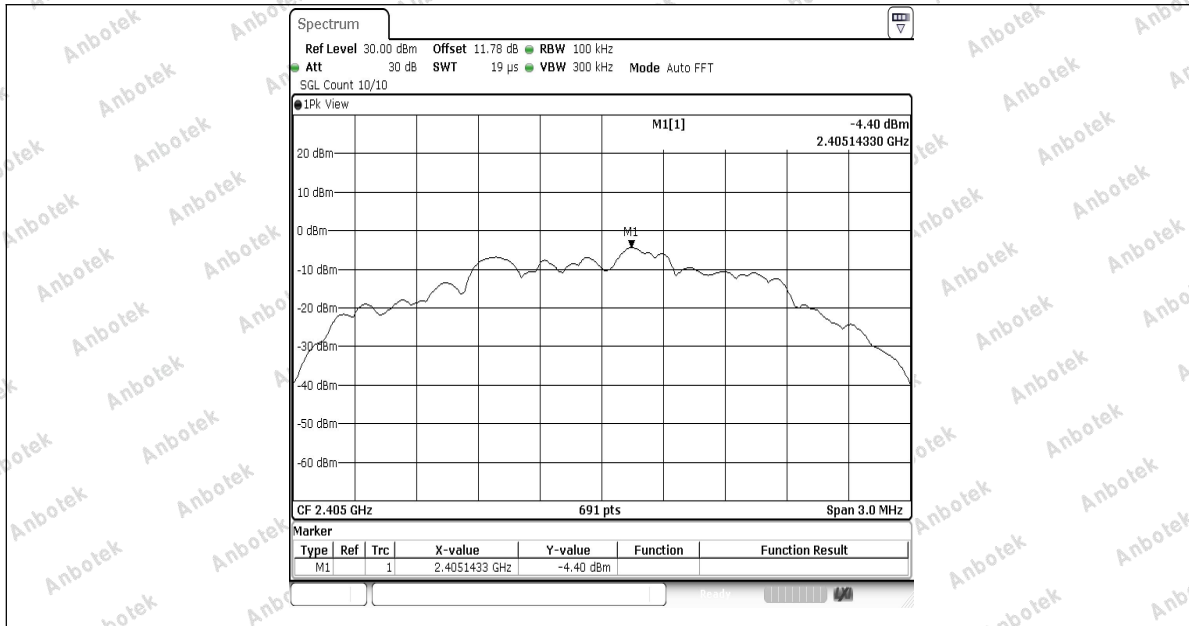
## Appendix F: Conducted Spurious Emission

### Test Result

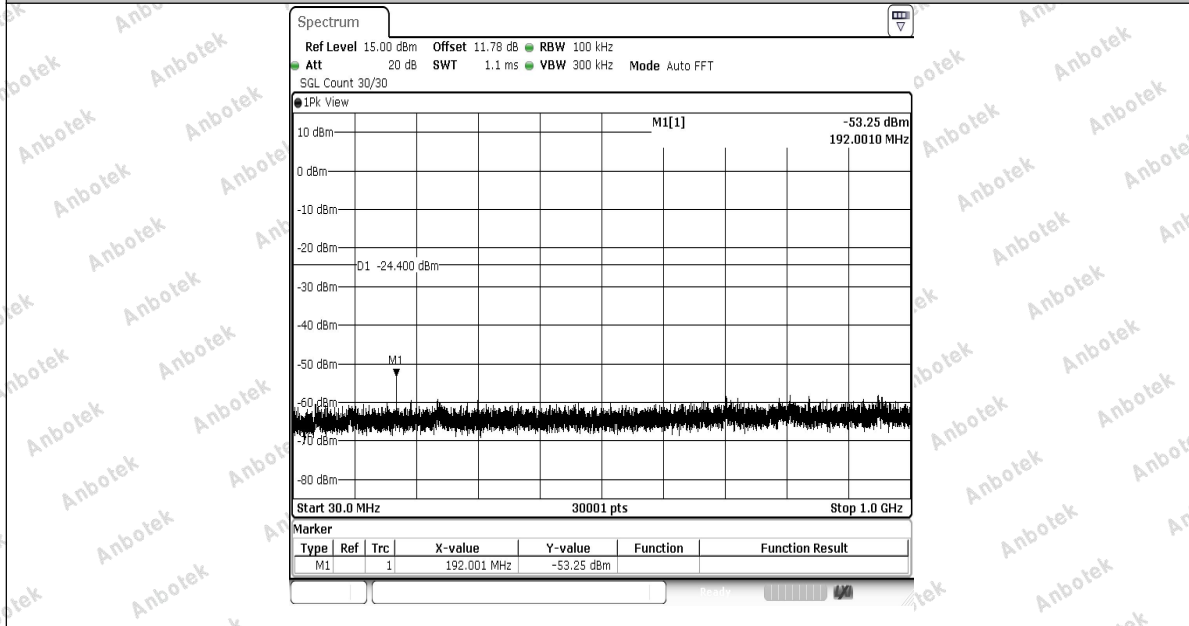
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2405	0~Reference	-4.40	-4.40	---	PASS
2.4G	Ant1	2405	30~1000	-4.40	-53.25	≤-24.4	PASS
2.4G	Ant1	2405	1000~26500	-4.40	-40.41	≤-24.4	PASS
2.4G	Ant1	2451	0~Reference	-4.53	-4.53	---	PASS
2.4G	Ant1	2451	30~1000	-4.53	-54.24	≤-24.53	PASS
2.4G	Ant1	2451	1000~26500	-4.53	-43.68	≤-24.53	PASS
2.4G	Ant1	2475	0~Reference	-6.40	-6.40	---	PASS
2.4G	Ant1	2475	30~1000	-6.40	-54.82	≤-26.4	PASS
2.4G	Ant1	2475	1000~26500	-6.40	-32.74	≤-26.4	PASS



## Test Graphs

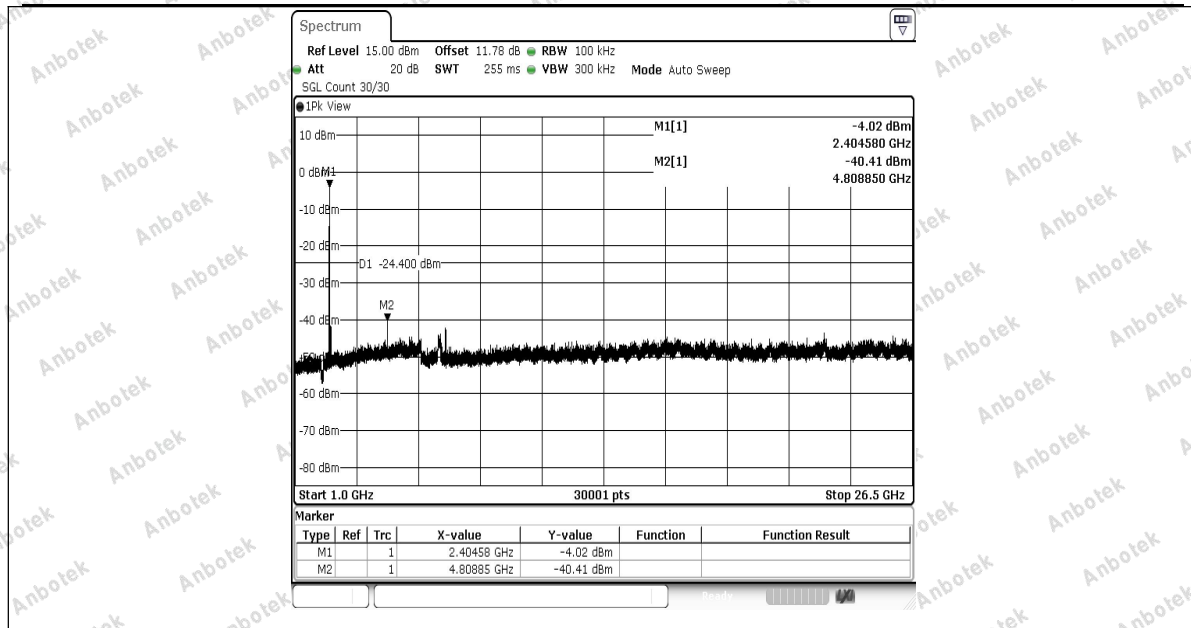


2.4G-Ant1-2405-0~Reference-PASS

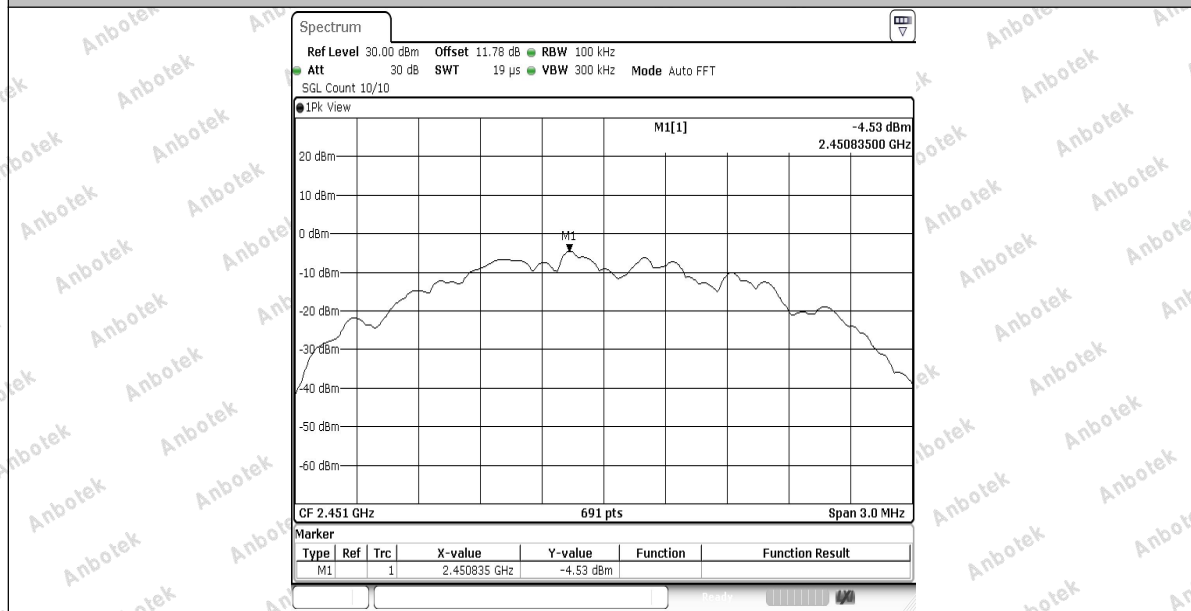


2.4G-Ant1-2405-30~1000-PASS





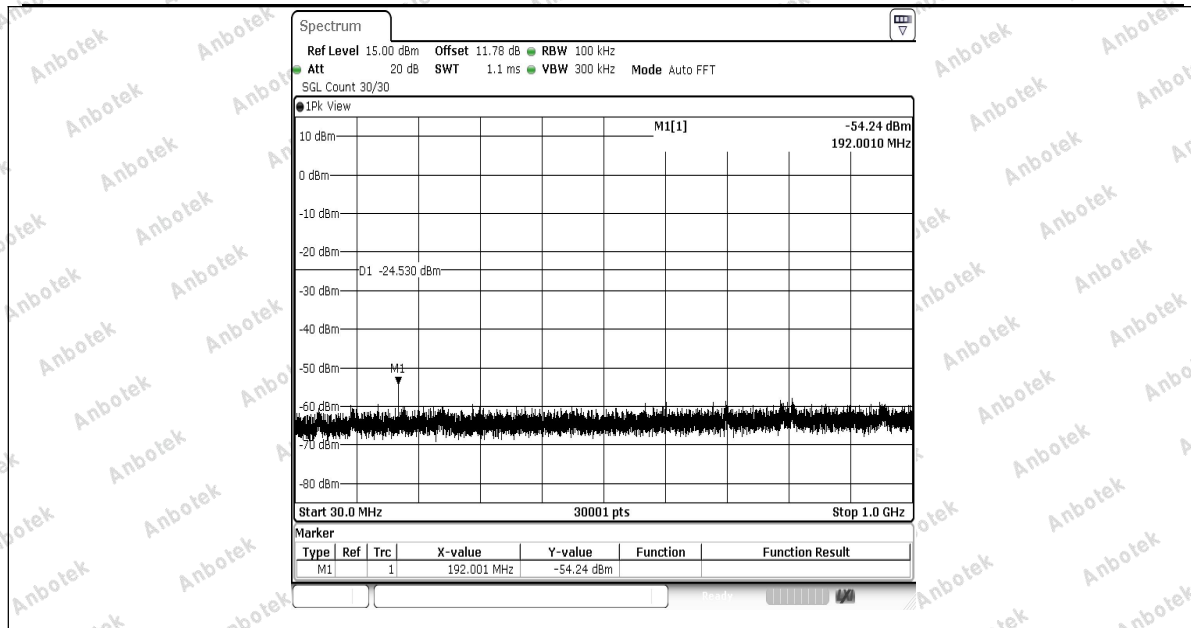
2.4G-Ant1-2405-1000~26500-PASS



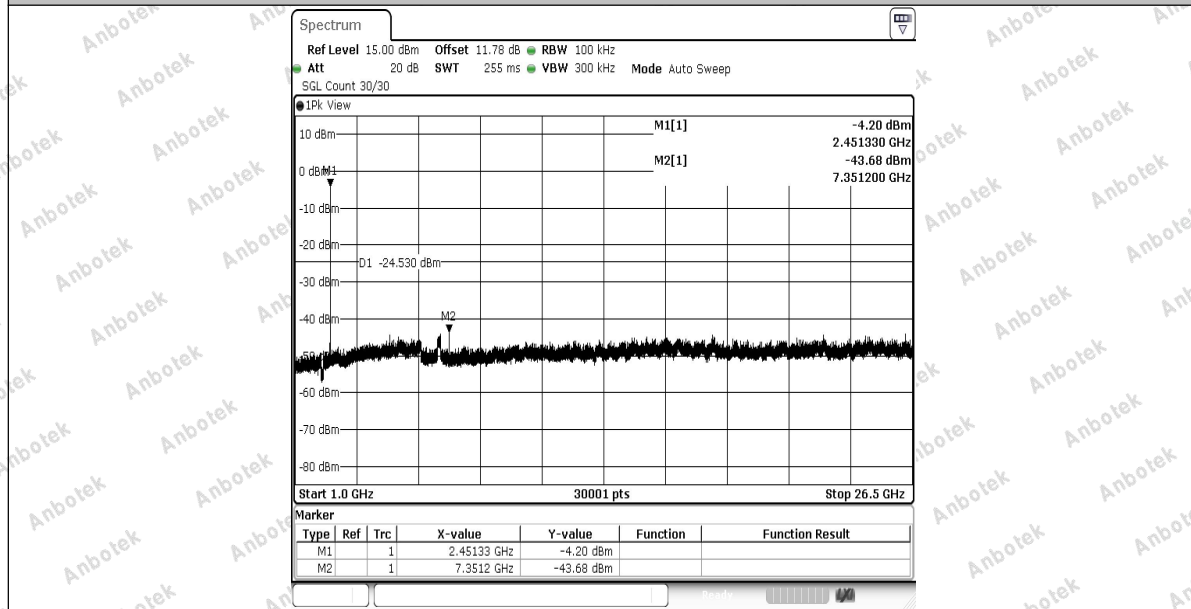
2.4G-Ant1-2451-0~Reference-PASS





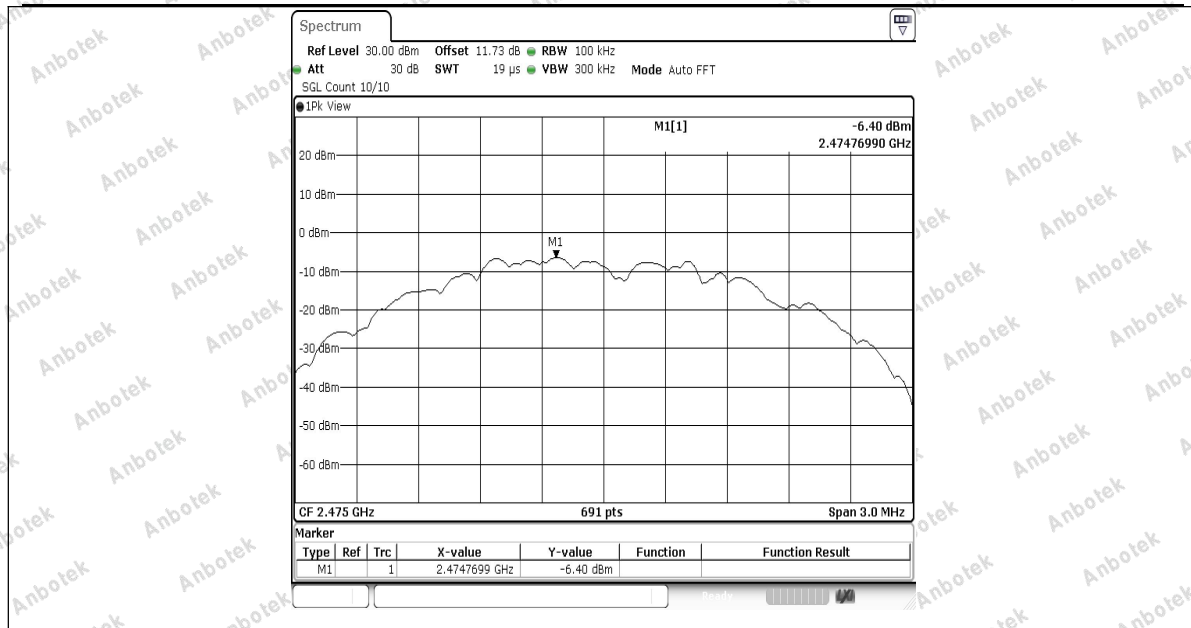


### 2.4G-Ant1-2451-30~1000-PASS

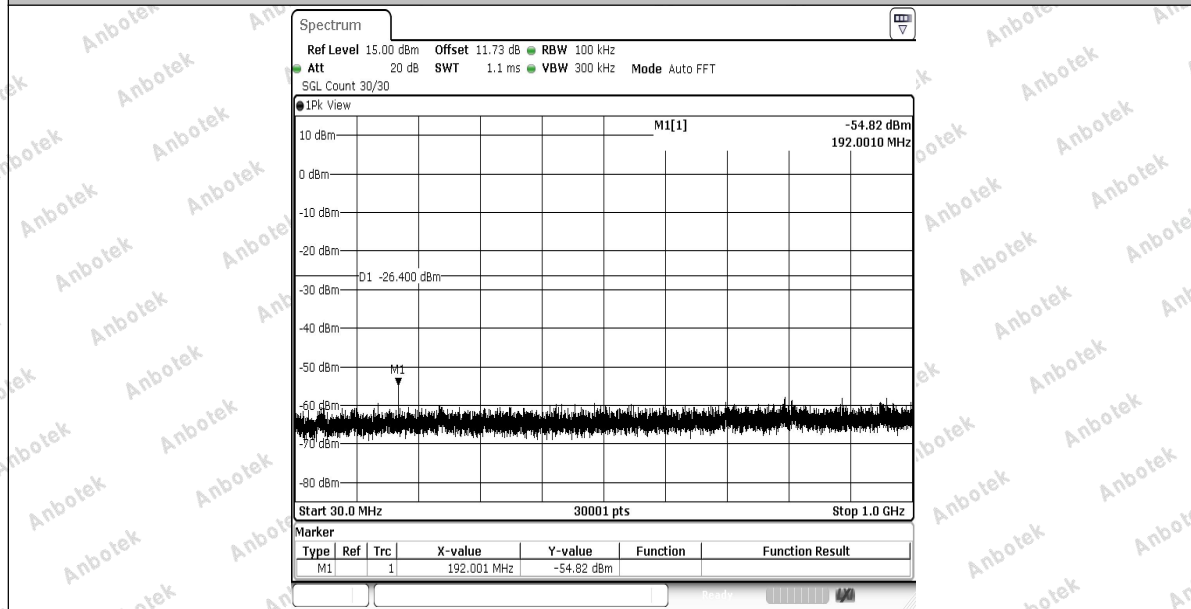


### 2.4G-Ant1-2451-1000~26500-PASS



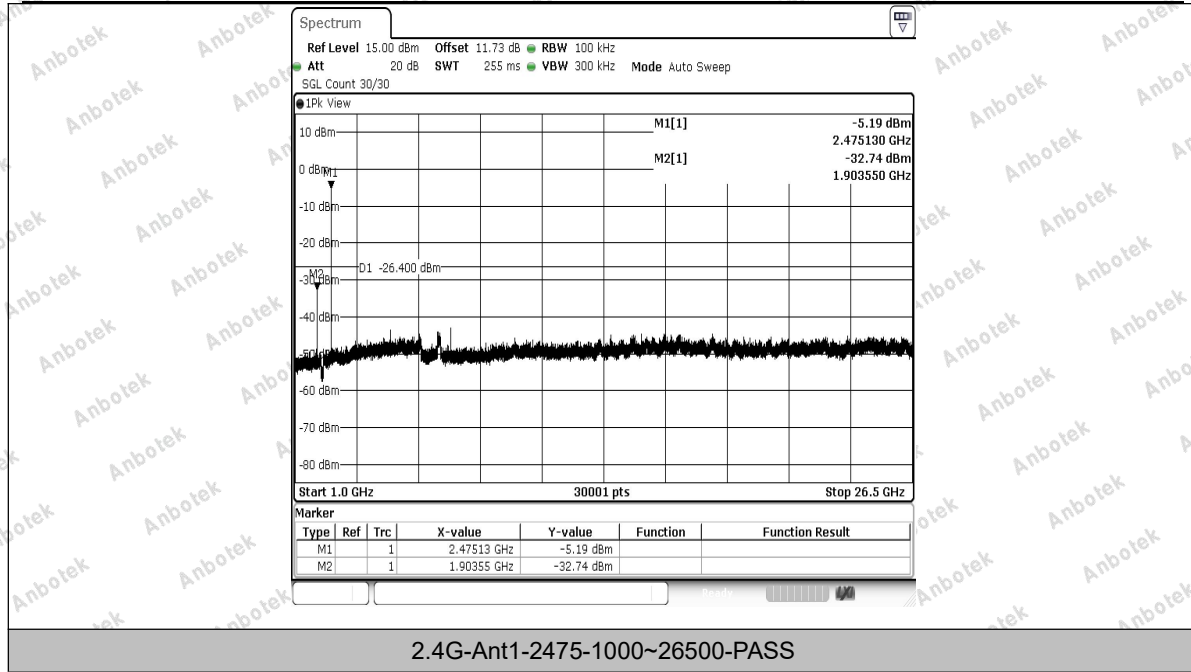


2.4G-Ant1-2475-0~Reference-PASS



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





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