

APPENDIX REPORT

Project No.	SHT2411052304W	Radio Specification	2.4G Band
Test sample No.	YPHT24110523004	Model No.	ABX00112
Start test date	2025-11-19	Finish date	2025-11-20
Temperature	21.9℃	Humidity	44%
Test Engineer	Xiangyu Wei	Auditor	Xiaodong Zhao

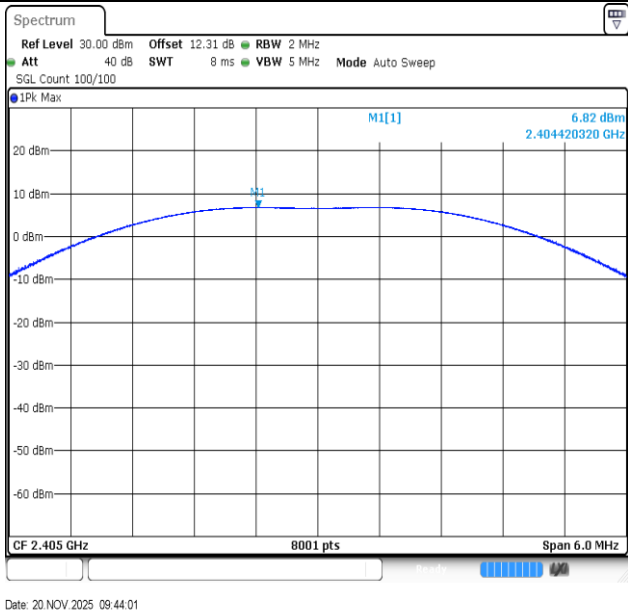
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6db Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emission(Conducted)	PASS

Appendix A: Peak Output Power

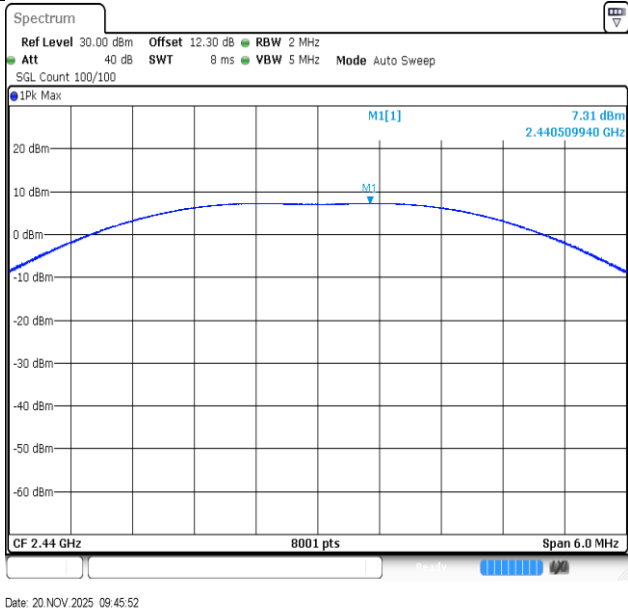
Test Result Peak

TestMode	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
2.4G	2405	6.82	≤30	PASS
2.4G	2440	7.31	≤30	PASS
2.4G	2480	7.93	≤30	PASS

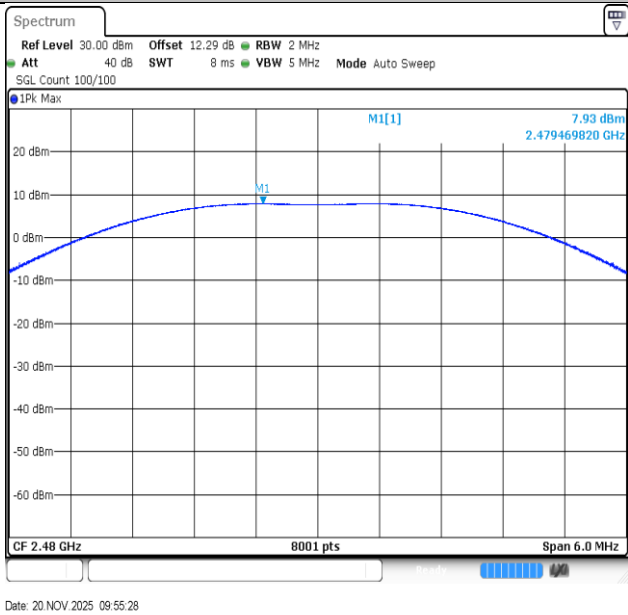
Test Graphs Peak



2.4G Band-2405-PASS



2.4G Band-2440-PASS



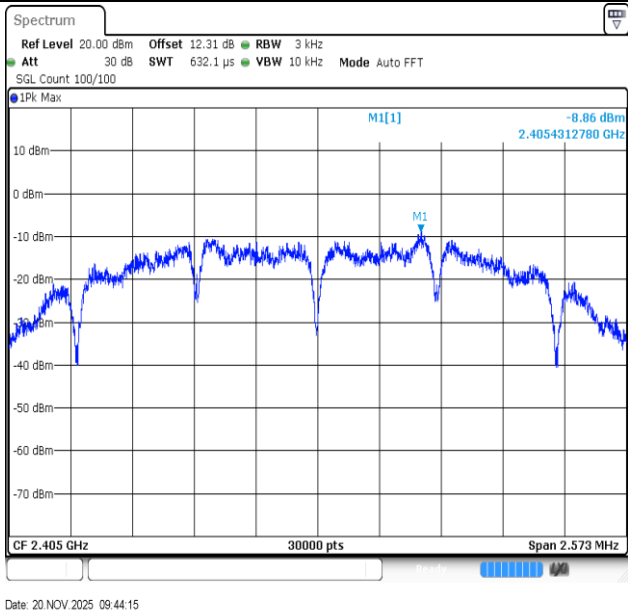
2.4G Band-2480-PASS

Appendix B: Power Spectral Density

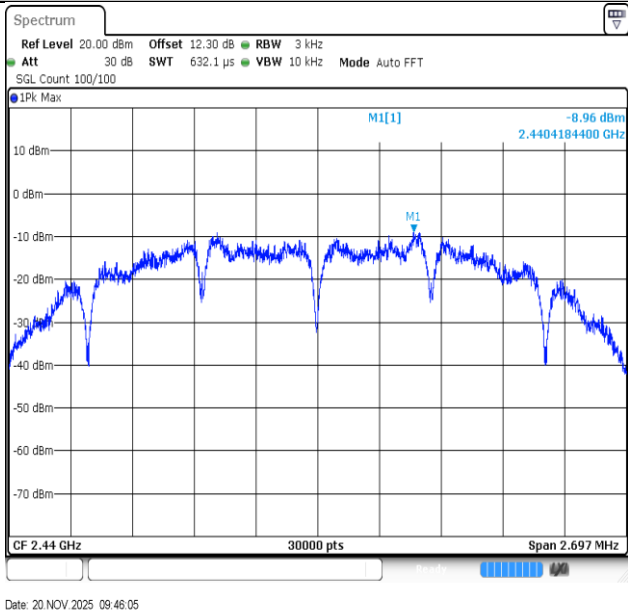
Test Result

TestMode	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	2405	-8.86	≤8.00	PASS
2.4G	2440	-8.96	≤8.00	PASS
2.4G	2480	-7.83	≤8.00	PASS

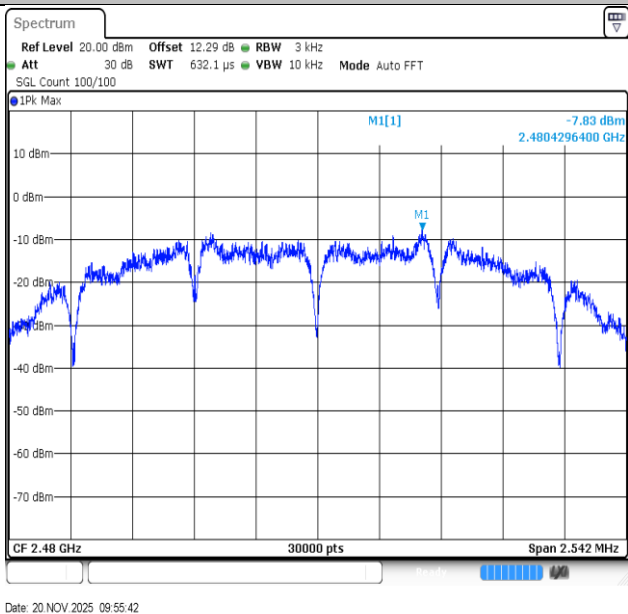
Test Graphs



2.4G Band-2405-PASS



2.4G Band-2440-PASS



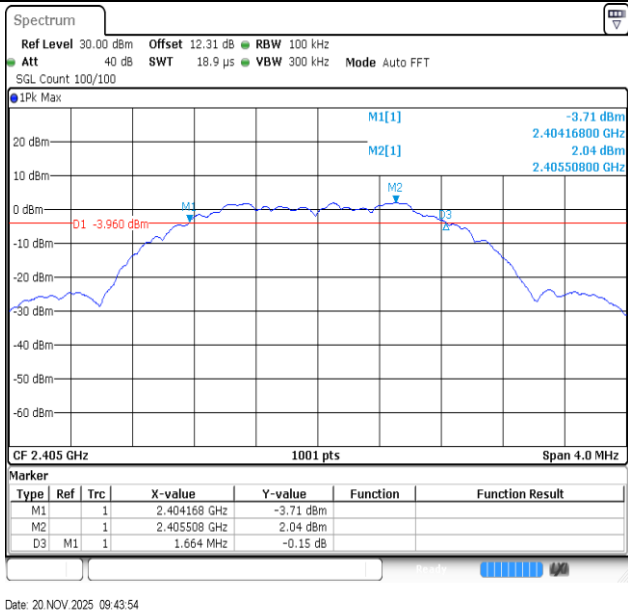
2.4G Band-2480-PASS

Appendix C: 6db Bandwidth

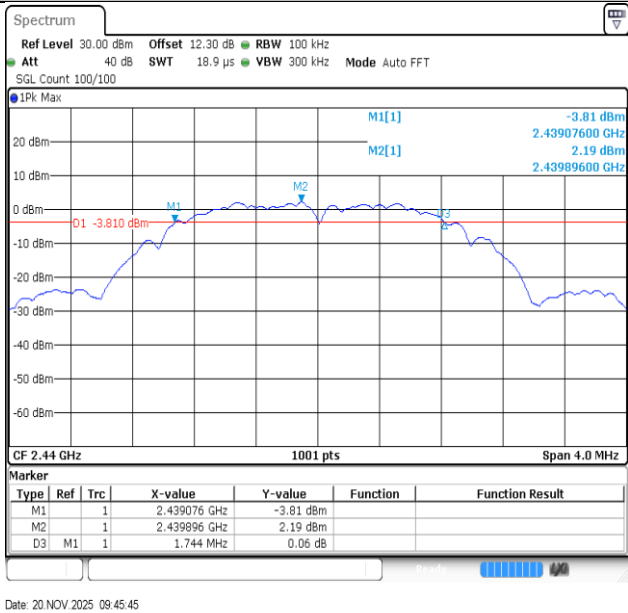
Test Result

TestMode	Frequency[MHz]	6db Bandwidth [MHz]	Limit[MHz]	Verdict
2.4G	2405	1.66	0.5	PASS
2.4G	2440	1.74	0.5	PASS
2.4G	2480	1.64	0.5	PASS

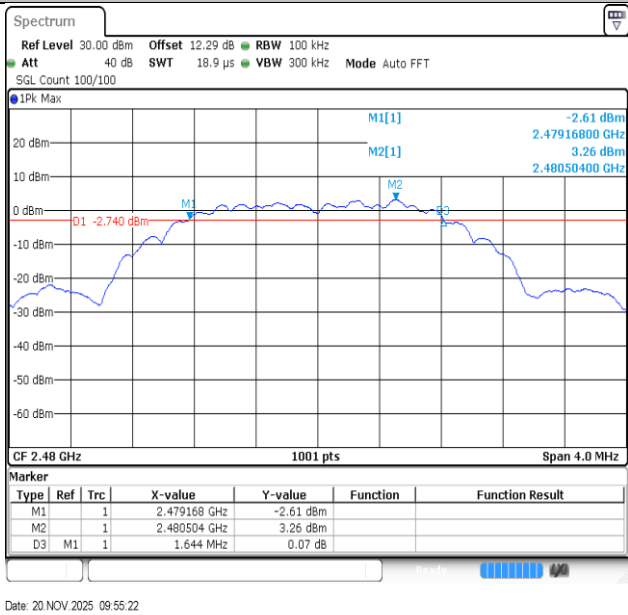
Test Graphs



2.4G Band-2405-PASS



2.4G Band-2440-PASS



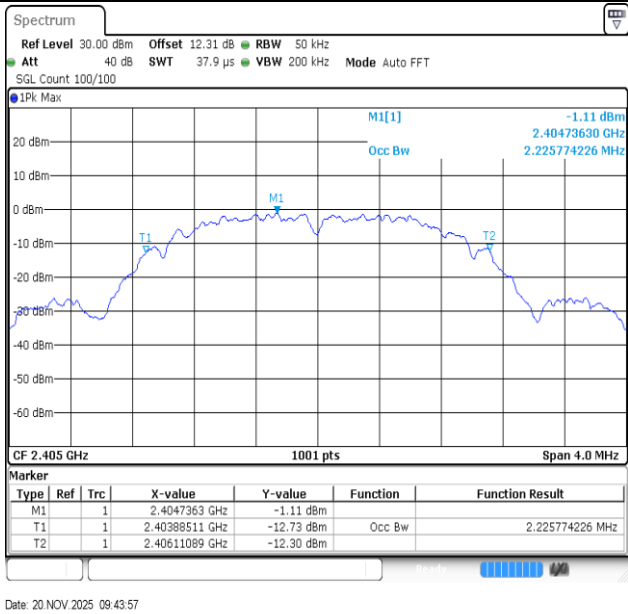
2.4G Band-2480-PASS

Appendix D: 99% Occupied Bandwidth

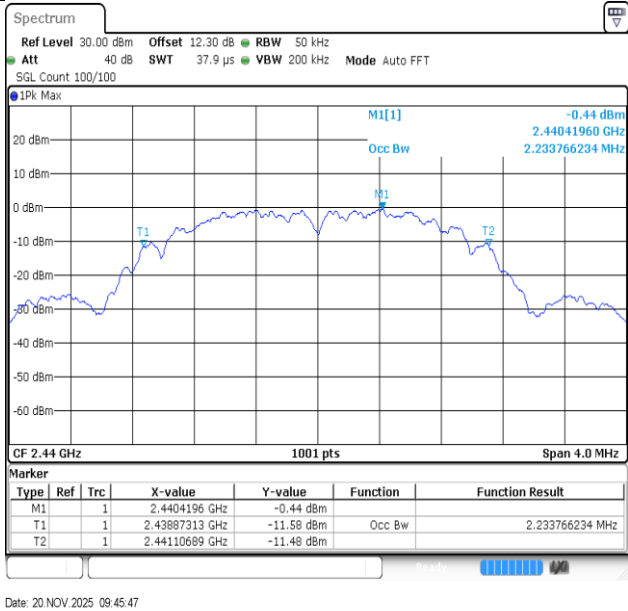
Test Result

TestMode	Frequency[MHz]	99% Occupied Bandwidth [MHz]	Limit[MHz]	Verdict
2.4G	2405	2.2258	---	---
2.4G	2440	2.2338	---	---
2.4G	2480	2.2418	---	---

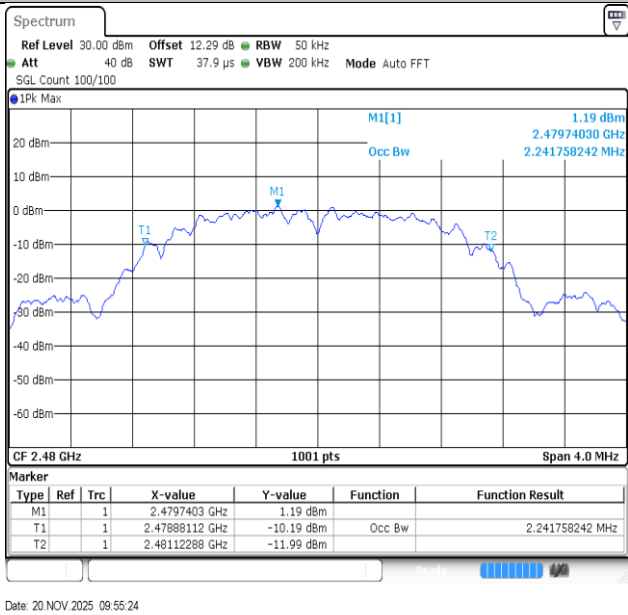
Test Graphs



2.4G Band-2405



2.4G Band-2440



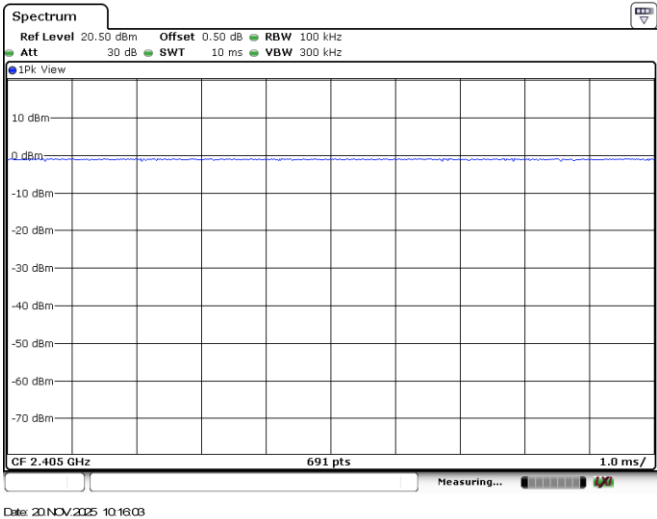
2.4G Band-2480

Appendix E: Duty Cycle

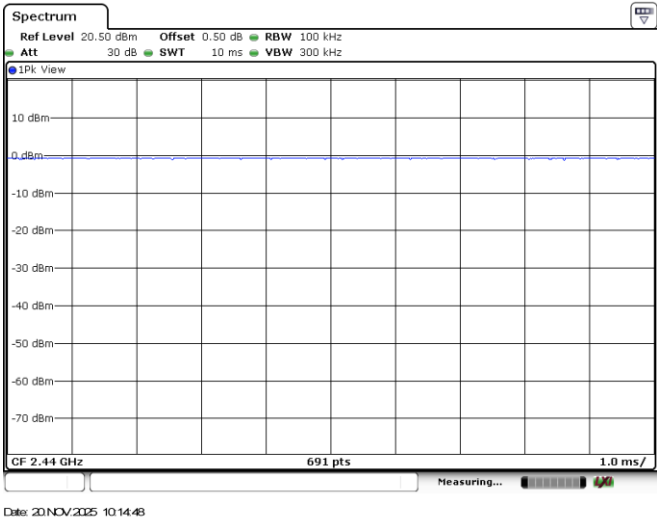
Test Result

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/Ton time(kHz)
2.4G	2405	10	10	100	0	-
2.4G	2440	10	10	100	0	-
2.4G	2480	10	10	100	0	-

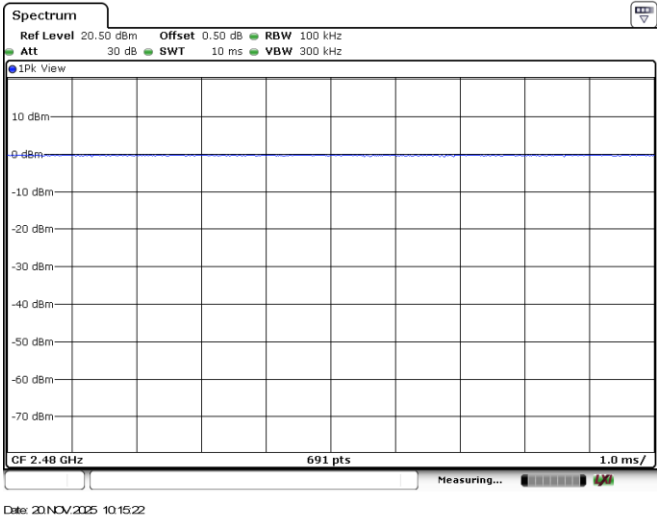
Test Graphs



2.4G Band-2405



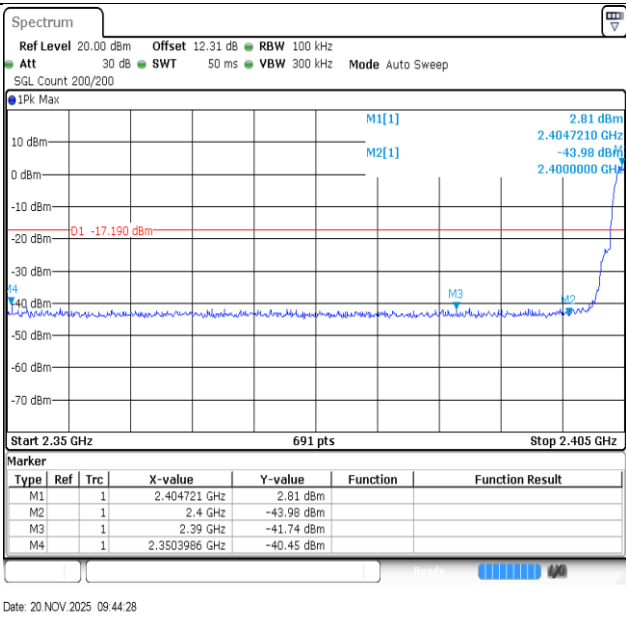
2.4G Band-2440



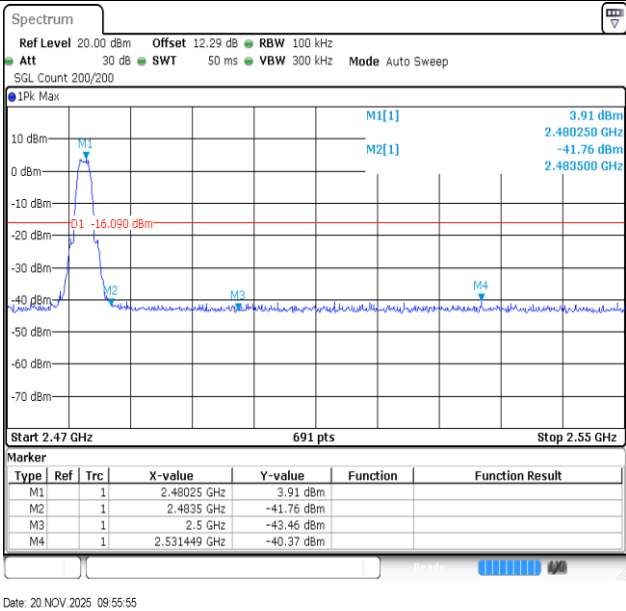
2.4G Band-2480

Appendix F: Band edge and Spurious Emission(Conducted)

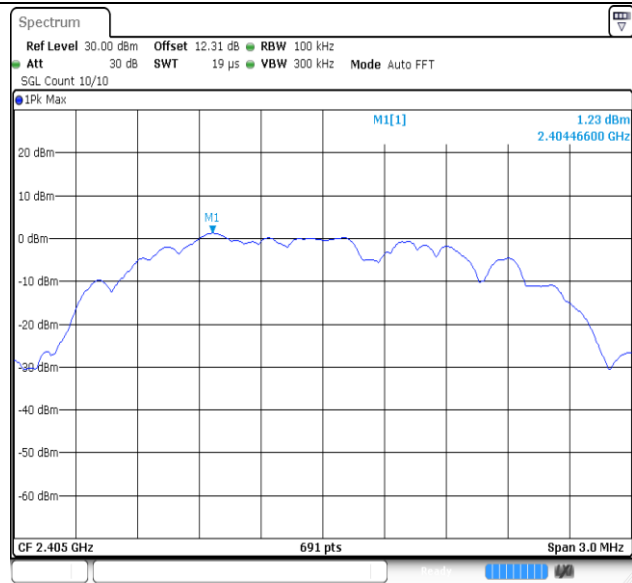
Test Graphs



2.4G Band-2405-PASS

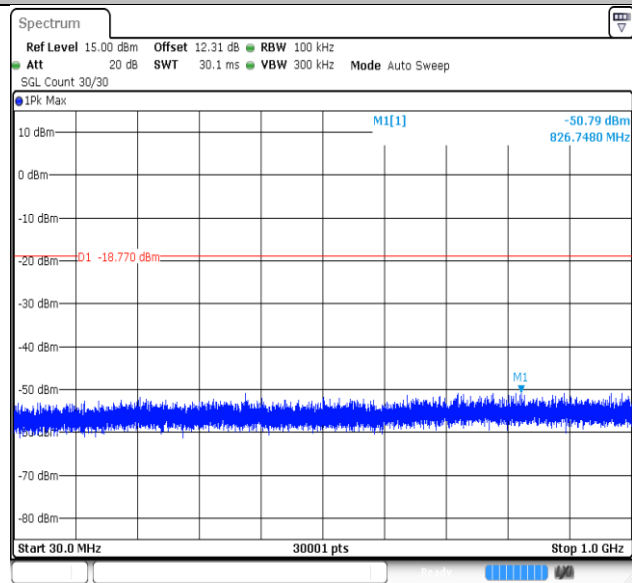


2.4G Band-2480-PASS



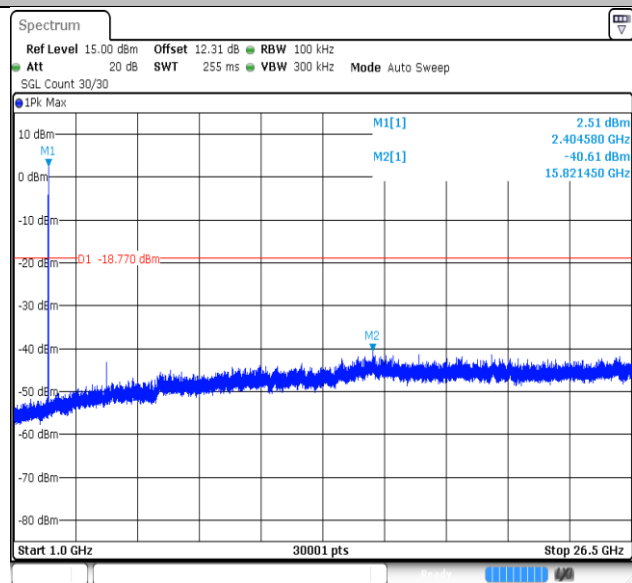
Date: 20 NOV 2025 09:44:31

2.4G Band-2405-0~Reference-PASS



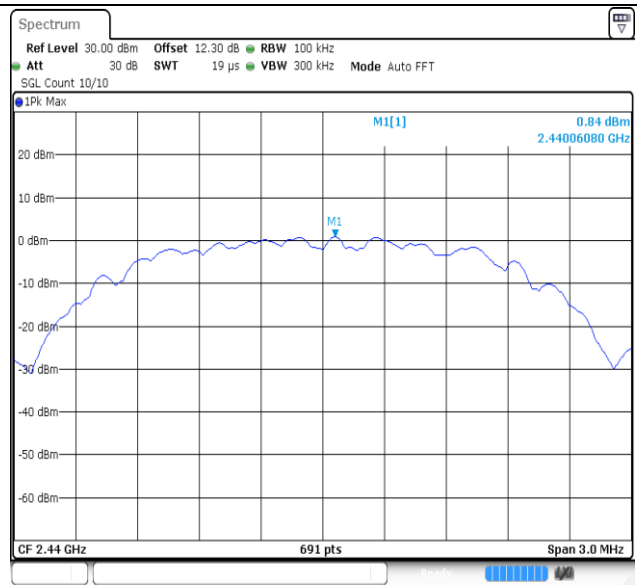
Date: 20 NOV 2025 09:44:36

2.4G Band-2405-30~1000-PASS



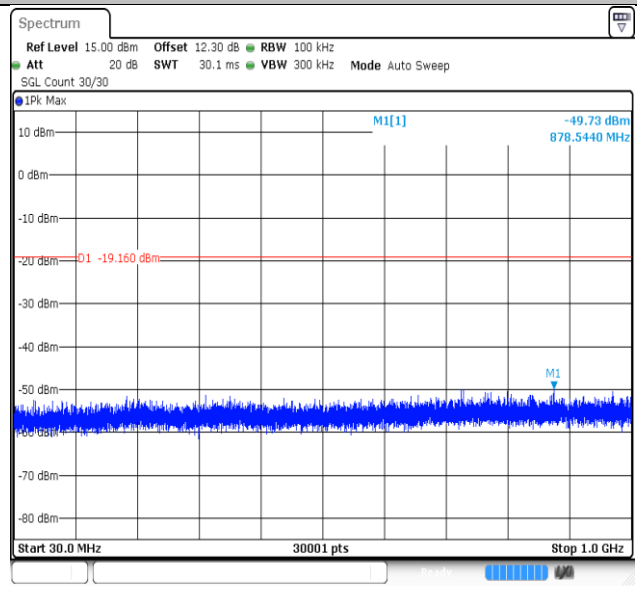
Date: 20 NOV 2025 09:45:04

2.4G Band-2405-1000~26500-PASS



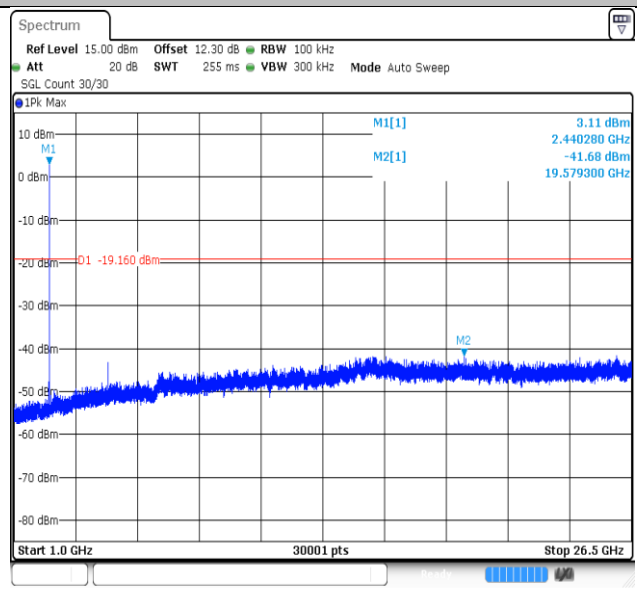
Date: 20 NOV 2025 09:46:07

2.4G Band-2440-0~Reference-PASS



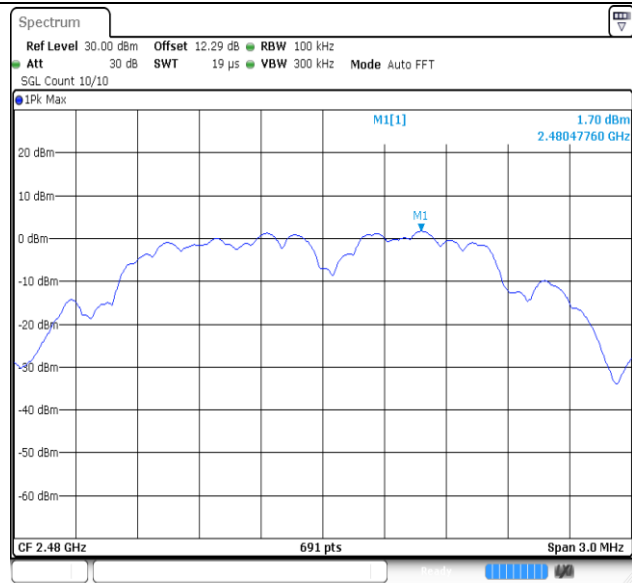
Date: 20 NOV 2025 09:46:13

2.4G Band-2440-30~1000-PASS



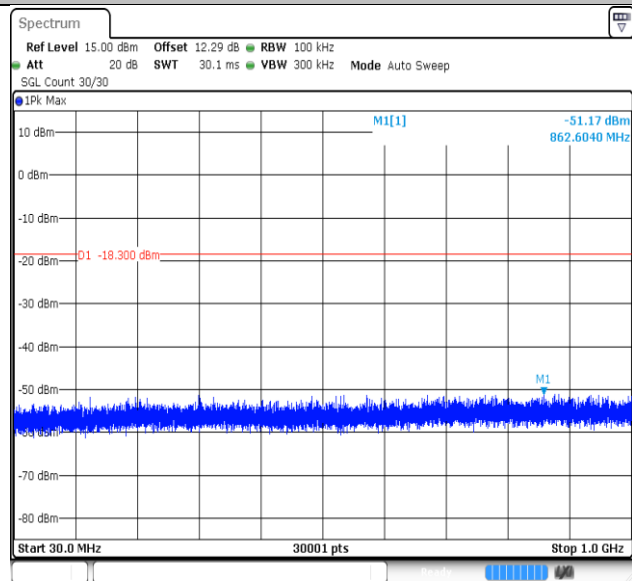
Date: 20 NOV 2025 09:46:40

2.4G Band-2440-1000~26500-PASS



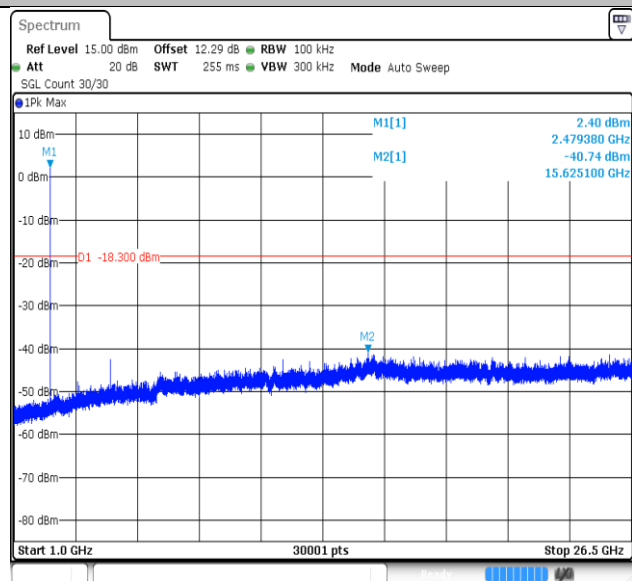
Date: 20 NOV 2025 09:55:58

2.4G Band-2480-0~Reference-PASS



Date: 20 NOV 2025 09:56:03

2.4G Band-2480-30~1000-PASS



Date: 20 NOV 2025 09:56:31

2.4G Band-2480-1000~26500-PASS

-----End of Report-----