

APPENDIX REPORT

Project No.	SHT2507079403W	Radio Specification	Bluetooth BLE
Test sample No.	YPHT25070794005	Model No.	ABX00063
Start test date	2025-11-13	Finish date	2025-11-17
Temperature	23.5℃	Humidity	51%
Test Engineer	Xiangyu Wei	Auditor	Xiaodong Zhao

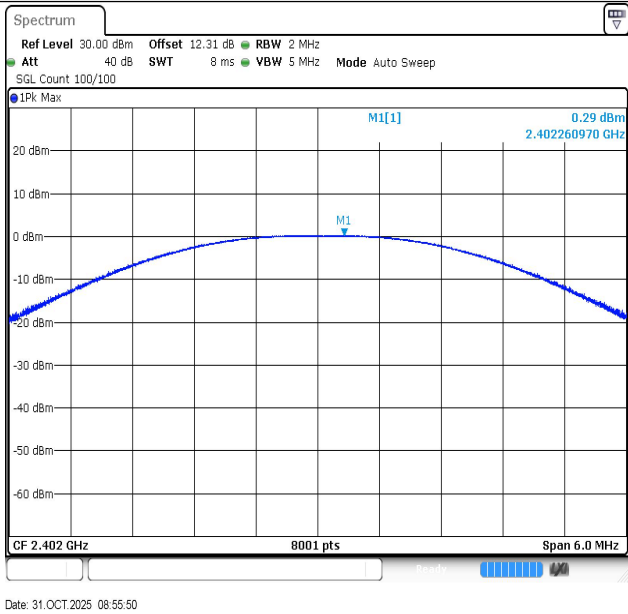
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6db Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emission(Conducted)	PASS

Appendix A: Peak Output Power

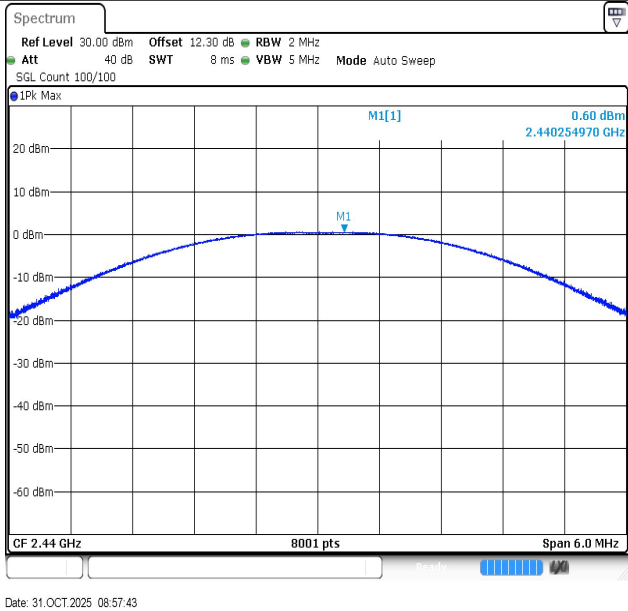
Test Result Peak

TestMode	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	2402	0.29	≤30	PASS
BLE_1M	2440	0.60	≤30	PASS
BLE_1M	2480	0.70	≤30	PASS

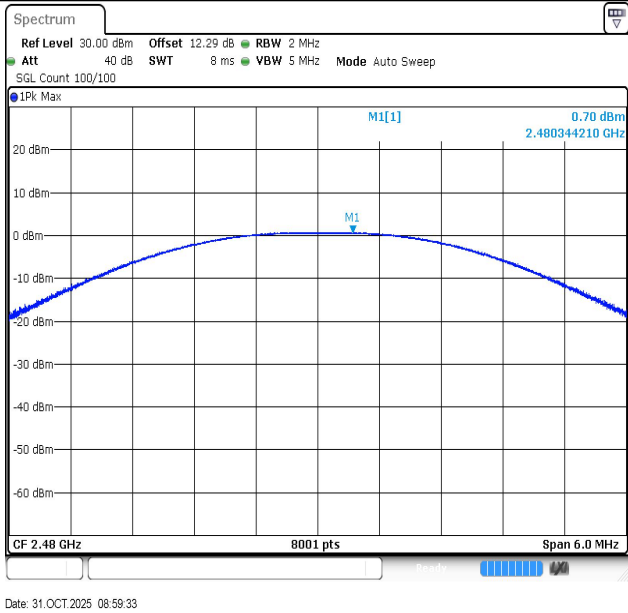
Test Graphs Peak



BLE_1M-2402-PASS



BLE_1M-2440-PASS



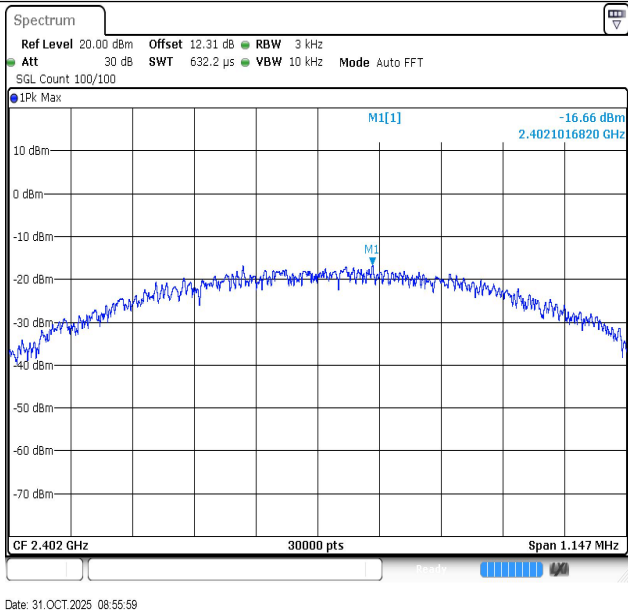
BLE_1M-2480-PASS

Appendix B: Power Spectral Density

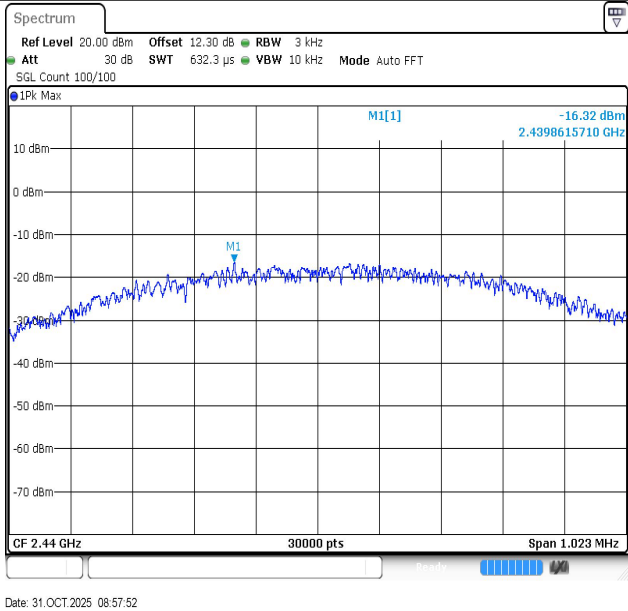
Test Result

TestMode	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	2402	-16.66	≤8.00	PASS
BLE_1M	2440	-16.32	≤8.00	PASS
BLE_1M	2480	-16.14	≤8.00	PASS

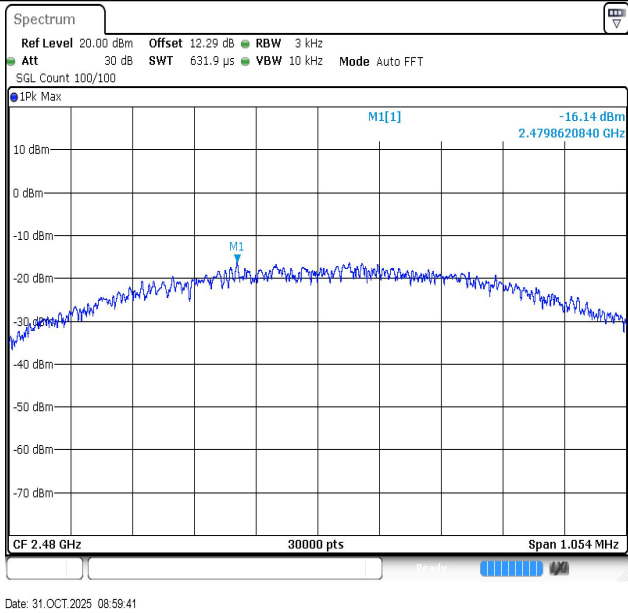
Test Graphs



BLE_1M-2402-PASS



BLE_1M-2440-PASS



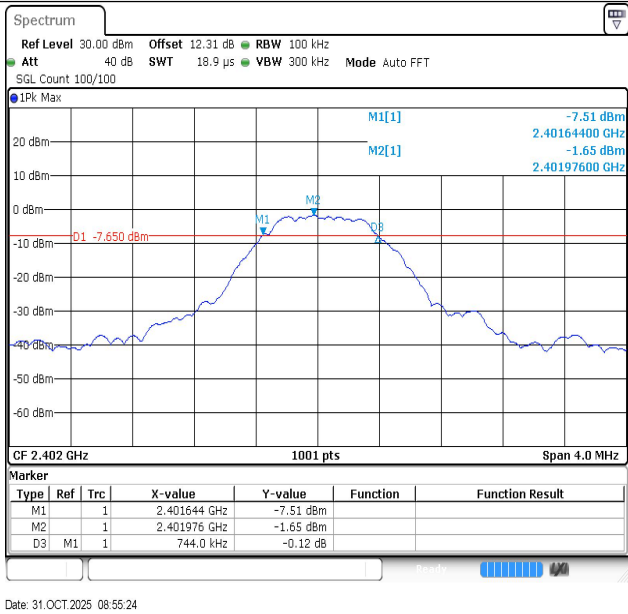
BLE_1M-2480-PASS

Appendix C: 6db Bandwidth

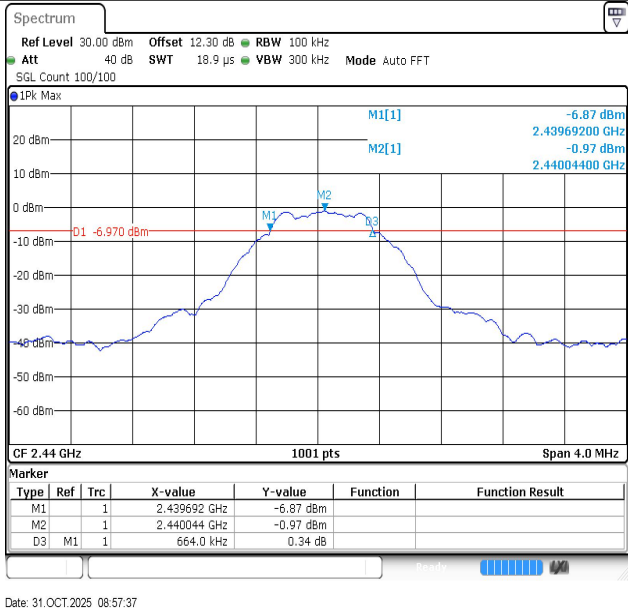
Test Result

TestMode	Frequency[MHz]	6db Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	0.74	0.5	PASS
BLE_1M	2440	0.66	0.5	PASS
BLE_1M	2480	0.68	0.5	PASS

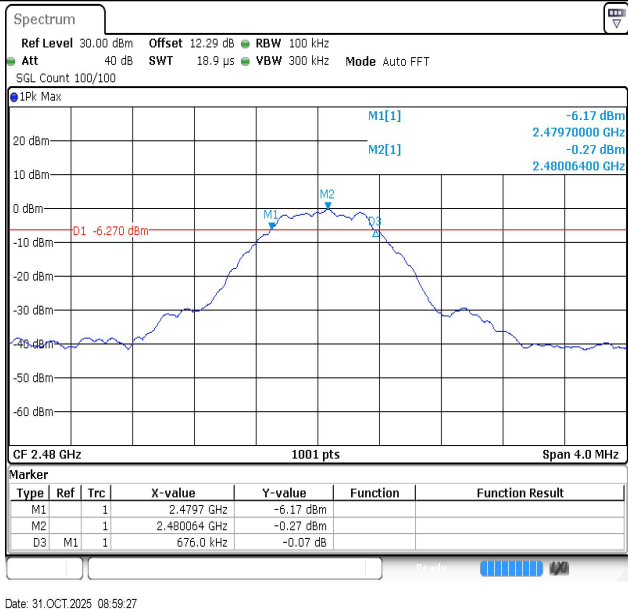
Test Graphs



BLE_1M-2402-PASS



BLE_1M-2440-PASS



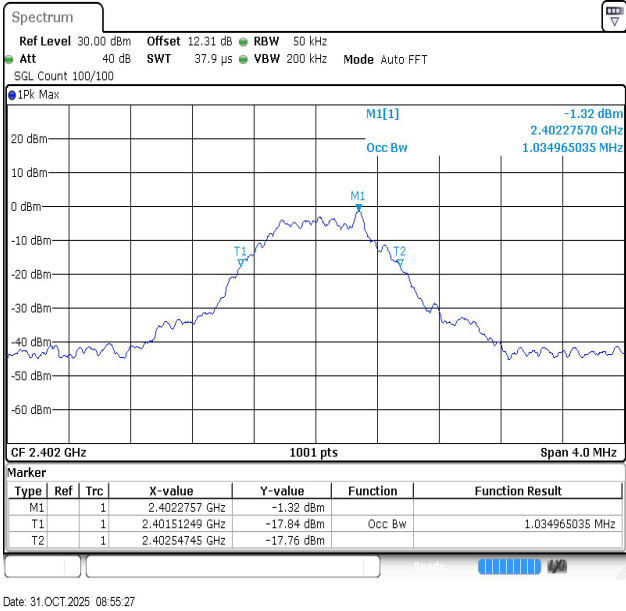
BLE_1M-2480-PASS

Appendix D: 99% Occupied Bandwidth

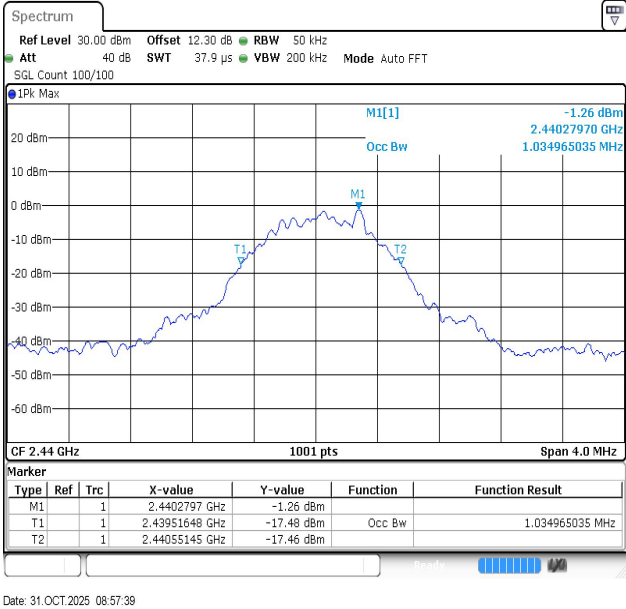
Test Result

TestMode	Frequency[MHz]	99% Occupied Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	1.0350	---	---
BLE_1M	2440	1.0350	---	---
BLE_1M	2480	1.0430	---	---

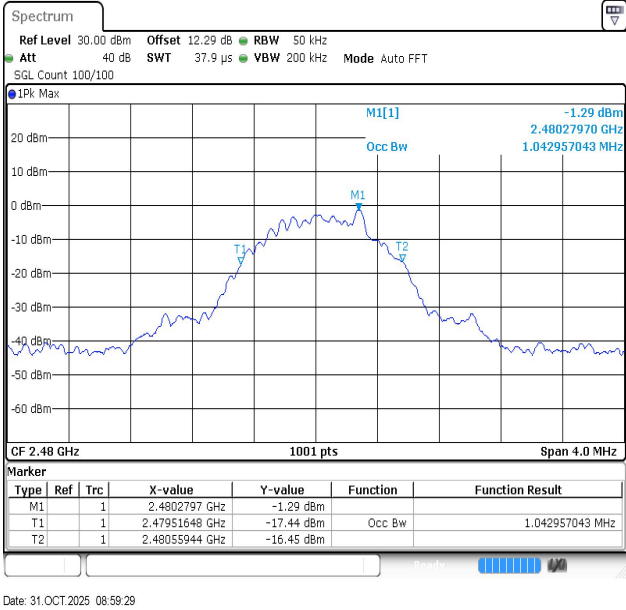
Test Graphs



BLE_1M-2402



BLE_1M-2440



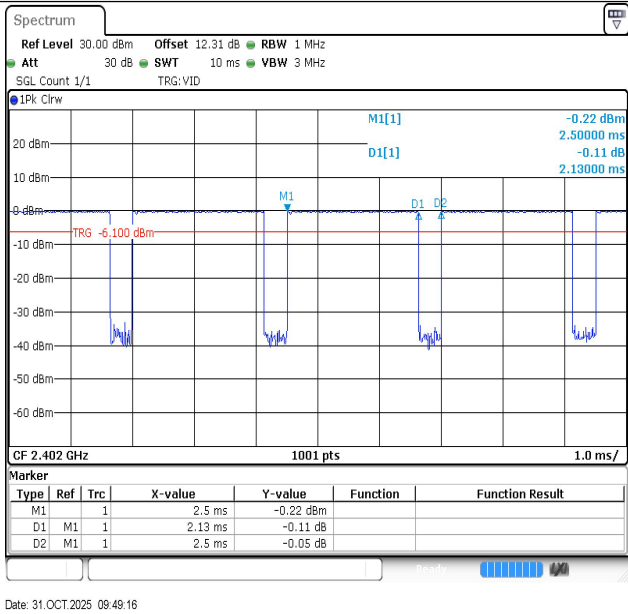
BLE_1M-2480

Appendix E: Duty Cycle

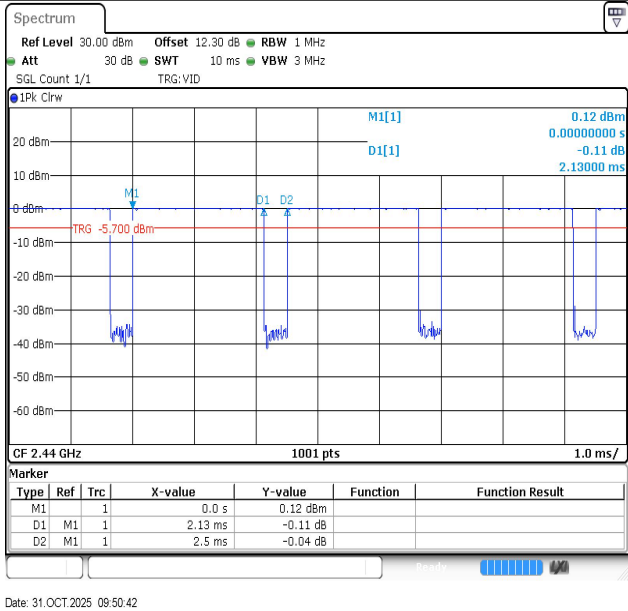
Test Result

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/Ton time(kHz)
BLE_1M	2402	2.13	2.50	85.20	0.70	0.47
BLE_1M	2440	2.13	2.50	85.20	0.70	0.47
BLE_1M	2480	2.13	2.50	85.20	0.70	0.47

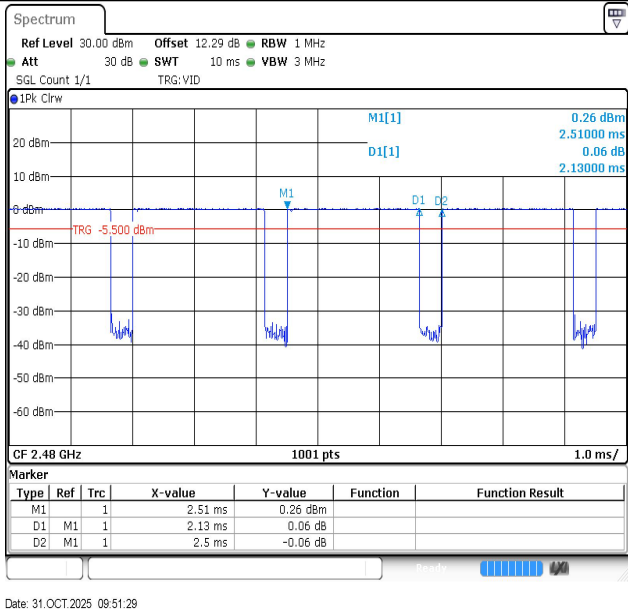
Test Graphs



NTNV-BLE_1M-2402



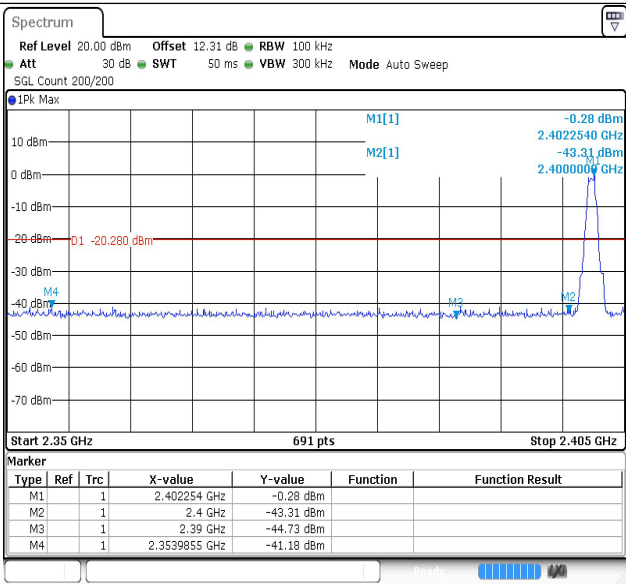
NTNV-BLE_1M-2440



NTNV-BLE_1M-2480

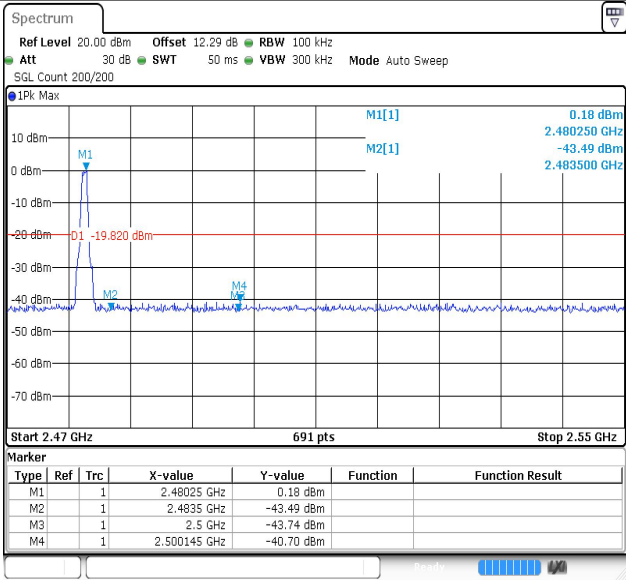
Appendix F: Band edge and Spurious Emission(Conducted)

Test Graphs



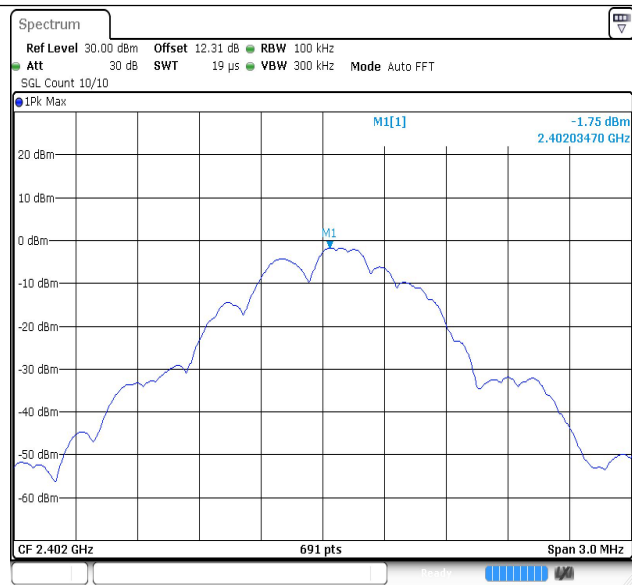
Date: 31.OCT.2025 08:56:12

BLE_1M-2402-PASS



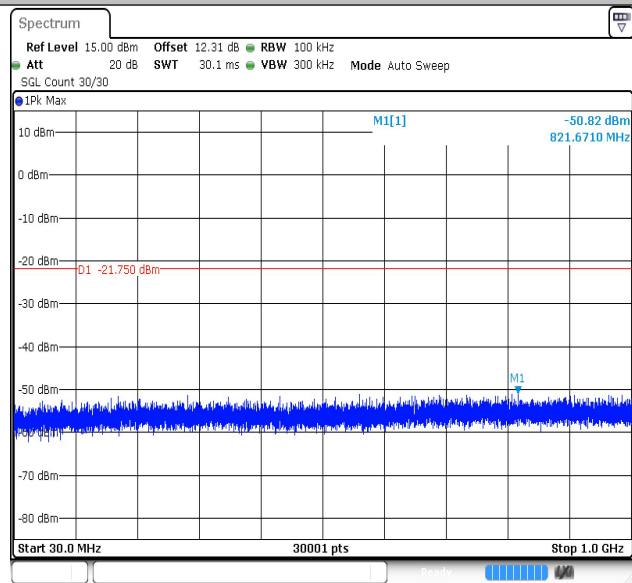
Date: 31.OCT.2025 08:59:55

BLE_1M-2480-PASS



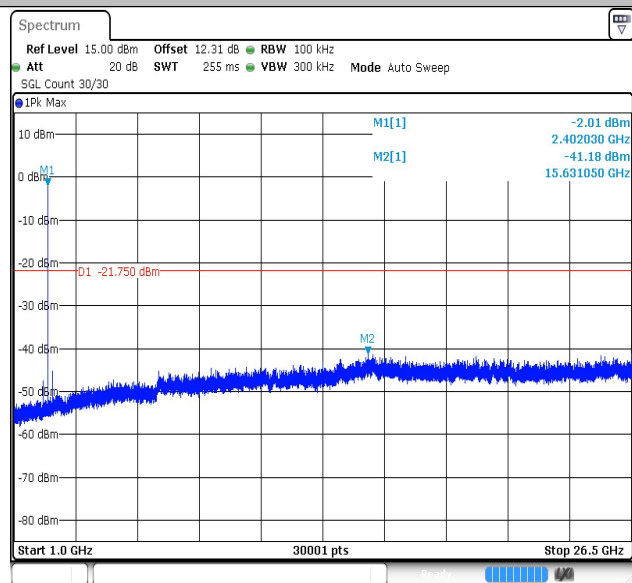
Date: 31.OCT.2025 08:56:15

BLE_1M-2402-0~Reference-PASS



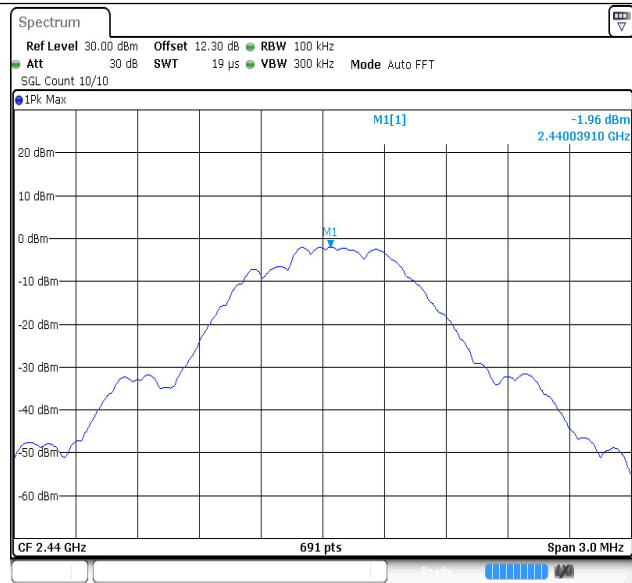
Date: 31.OCT.2025 08:56:20

BLE_1M-2402-30~1000-PASS



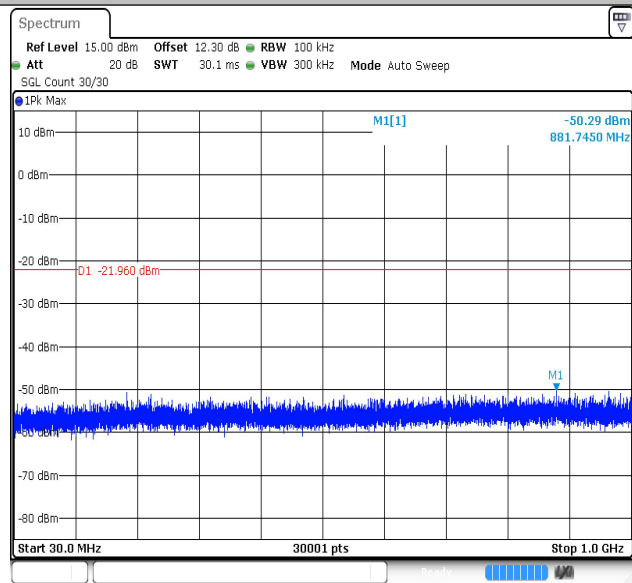
Date: 31.OCT.2025 08:56:46

BLE_1M-2402-1000~26500-PASS



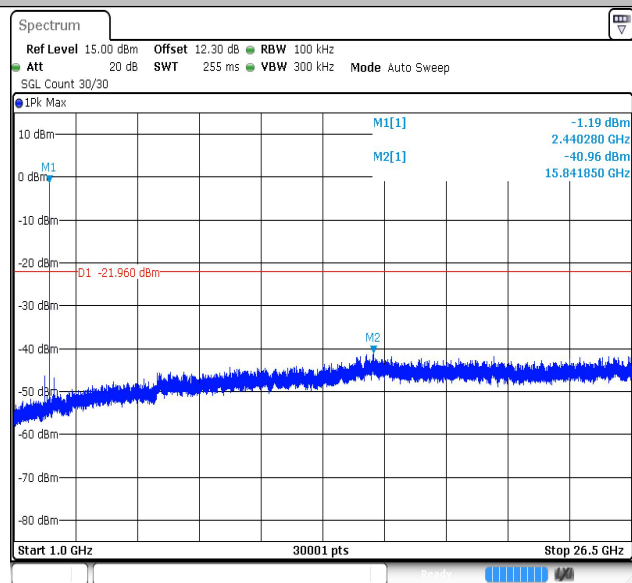
Date: 31.OCT.2025 08:57:54

BLE_1M-2440-0~Reference-PASS



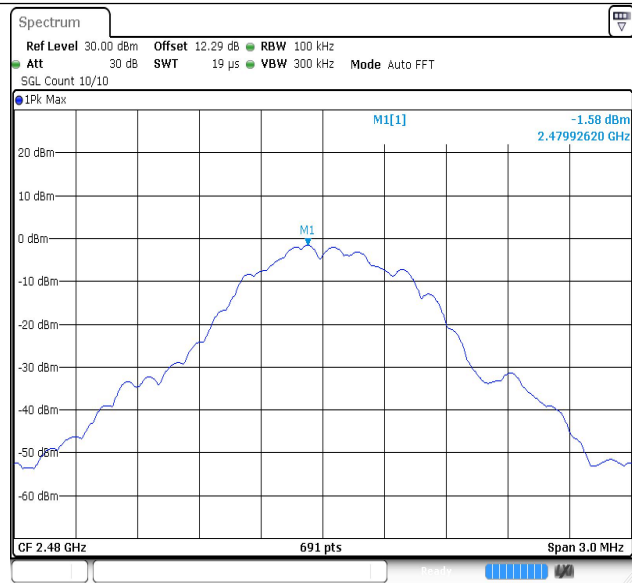
Date: 31.OCT.2025 08:58:00

BLE_1M-2440-30~1000-PASS



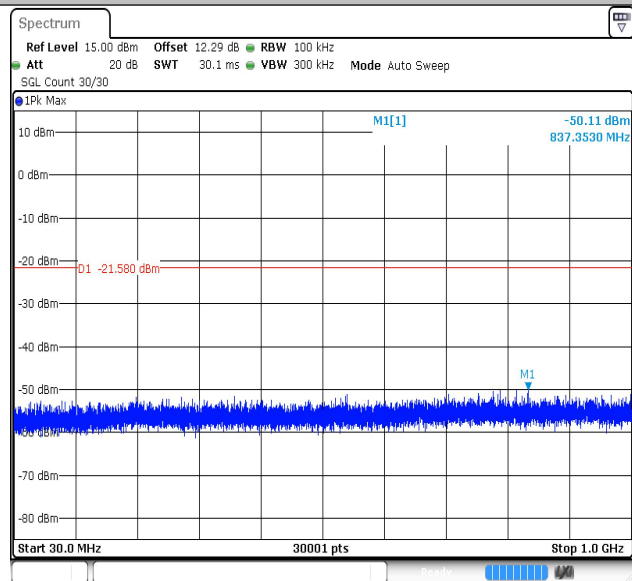
Date: 31.OCT.2025 08:58:27

BLE_1M-2440-1000~26500-PASS



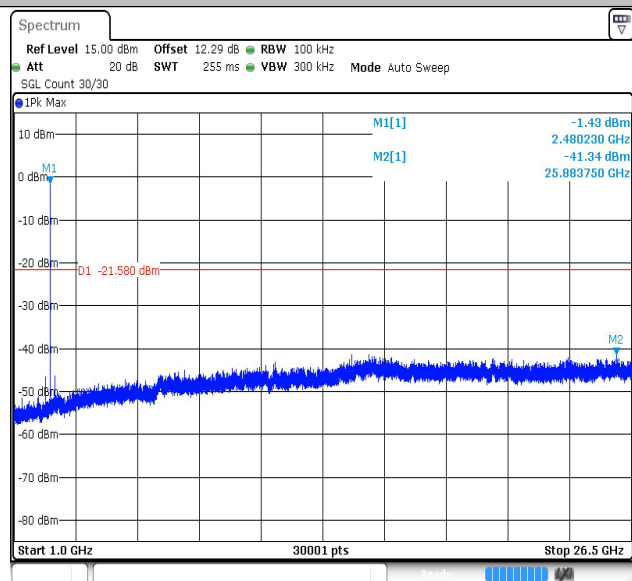
Date: 31.OCT.2025 08:59:58

BLE_1M-2480-0~Reference-PASS



Date: 31.OCT.2025 09:00:03

BLE_1M-2480-30~1000-PASS



Date: 31.OCT.2025 09:00:31

BLE_1M-2480-1000~26500-PASS

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