APPENDIX REPORT

Project No.	SHT2606033403W	Radio Specification	Bluetooth BLE
Test sample No.	YPHT26060334002	Model No.	CZ-B801
Start test date	2026-7-27	Finish date	2026-7-27
Temperature	23.6℃	Humidity	56%
Test Engineer	Jiaxing Si	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

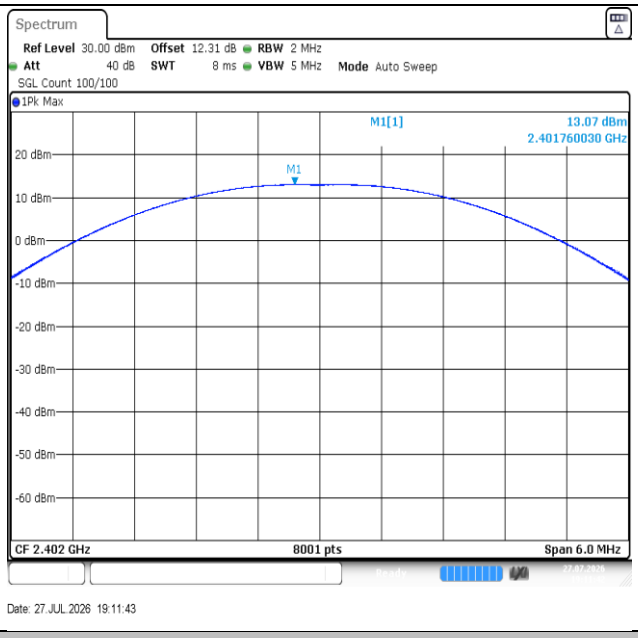
Test Result Peak

TestMode	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	2402	13.07	≤30	PASS
BLE_1M	2440	13.09	≤30	PASS
BLE_1M	2480	13.34	≤30	PASS
BLE_2M	2402	13.10	≤30	PASS
BLE_2M	2440	13.17	≤30	PASS
BLE_2M	2480	13.41	≤30	PASS

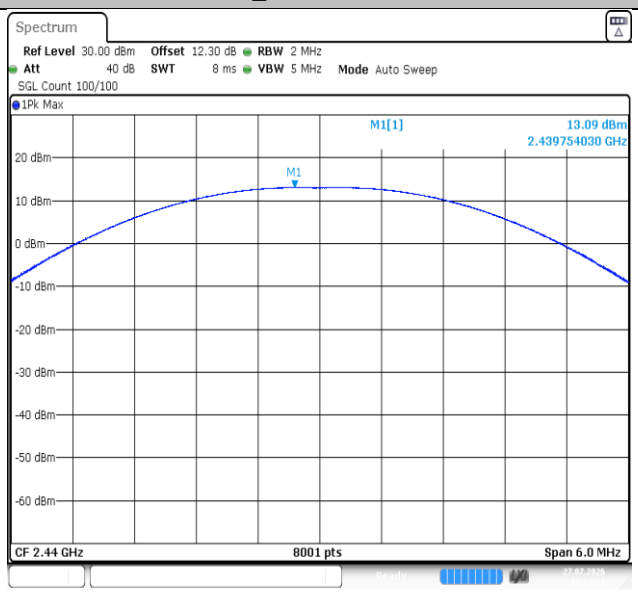
Test Result Average

Test Mode	Frequency[MHz]	Conducted Sensor power[dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	2402	10.12	60.32	2.20	12.32	≤30.00	PASS
BLE_1M	2440	10.15	61.29	2.13	12.28	≤30.00	PASS
BLE_1M	2480	10.34	61.29	2.13	12.47	≤30.00	PASS
BLE_2M	2402	7.39	31.75	4.98	12.37	≤30.00	PASS
BLE_2M	2440	7.35	31.75	4.98	12.33	≤30.00	PASS
BLE_2M	2480	7.59	31.75	4.98	12.57	≤30.00	PASS

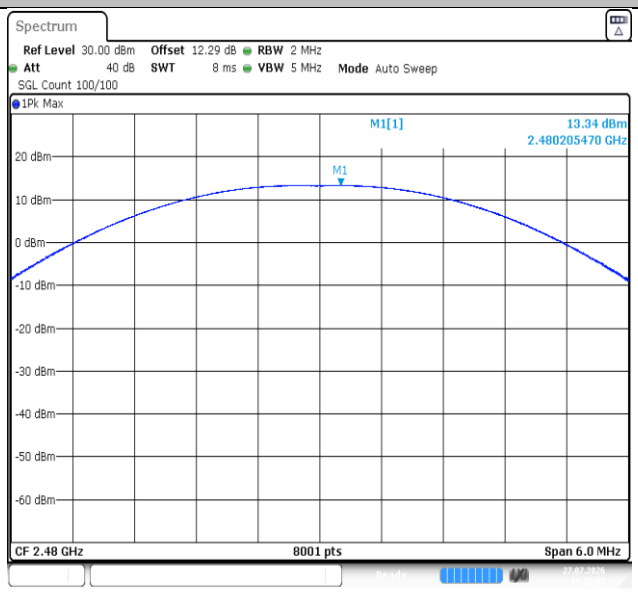
Test Graphs Peak



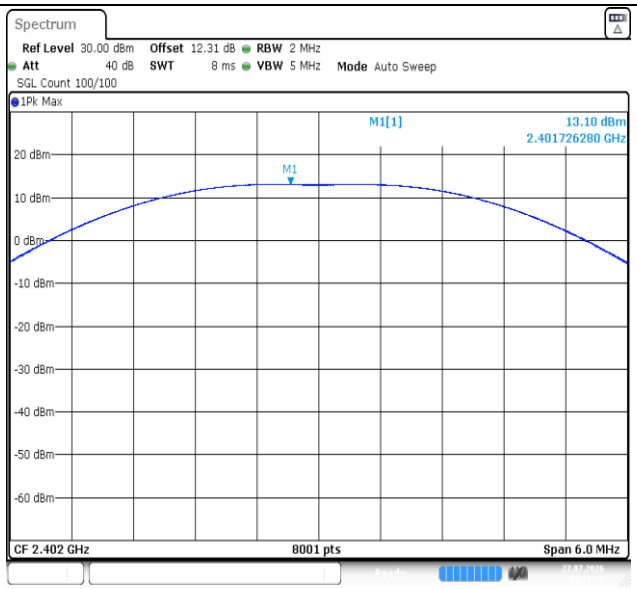
BLE_1M-2402-PASS



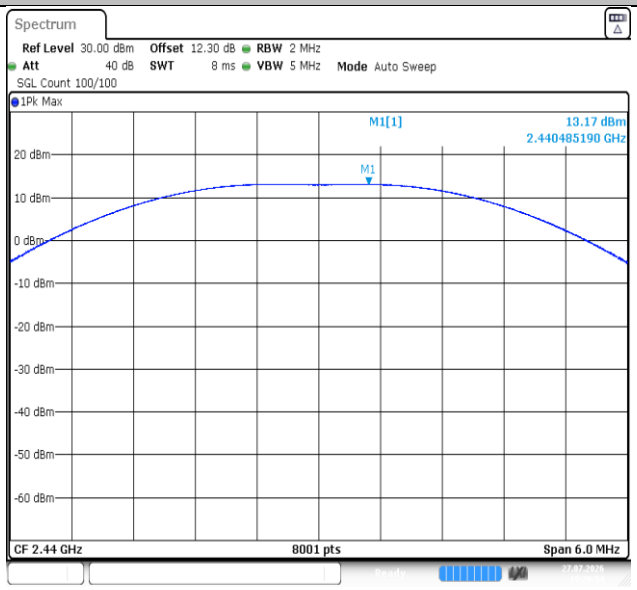
BLE_1M-2440-PASS



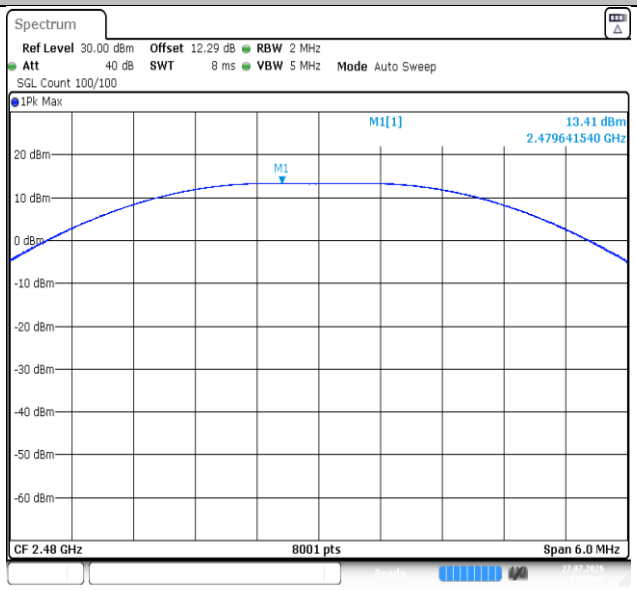
BLE_1M-2480-PASS



BLE_2M-2402-PASS



BLE_2M-2440-PASS



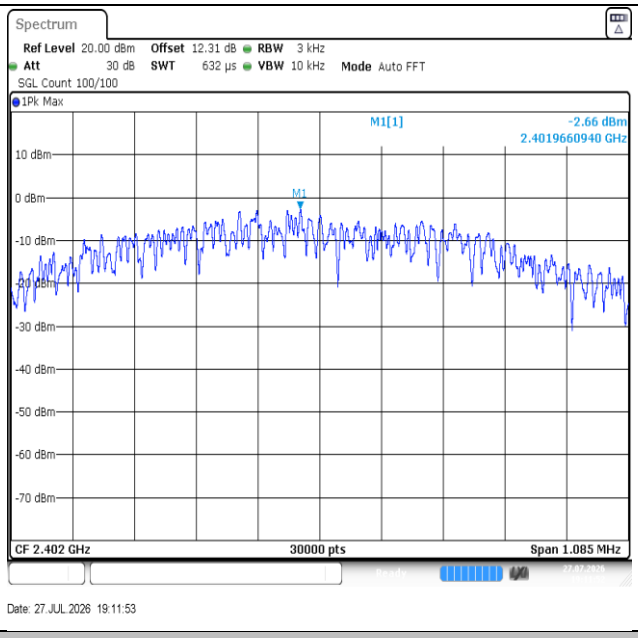
BLE_2M-2480-PASS

Appendix B: Power Spectral Density

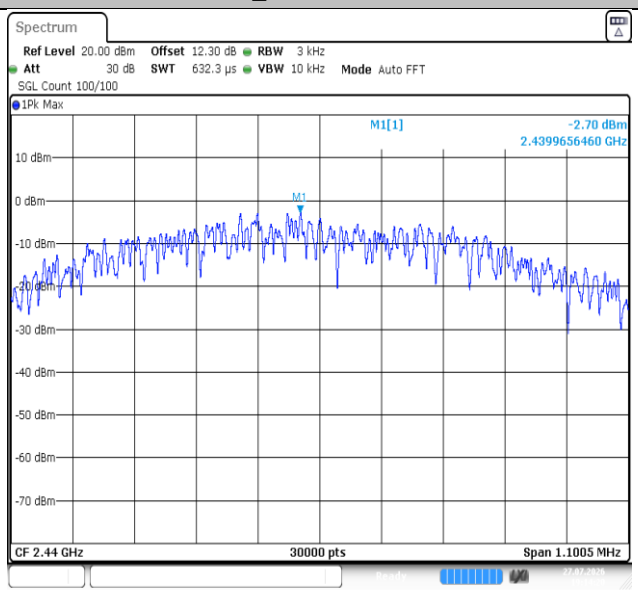
Test Result

TestMode	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	2402	-2.66	≤8.00	PASS
BLE_1M	2440	-2.70	≤8.00	PASS
BLE_1M	2480	-2.47	≤8.00	PASS
BLE_2M	2402	-4.89	≤8.00	PASS
BLE_2M	2440	-4.88	≤8.00	PASS
BLE_2M	2480	-4.67	≤8.00	PASS

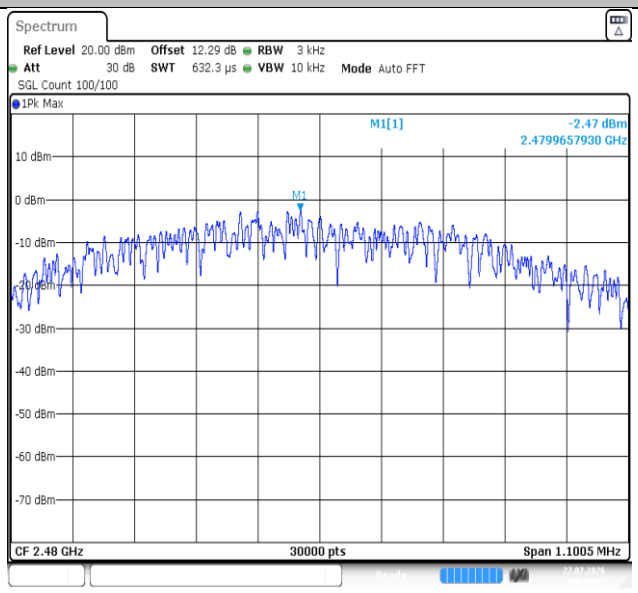
Test Graphs



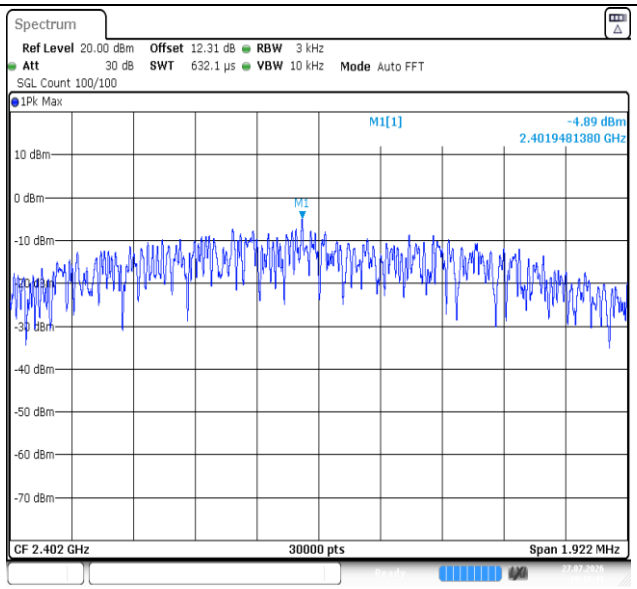
BLE_1M-2402-PASS



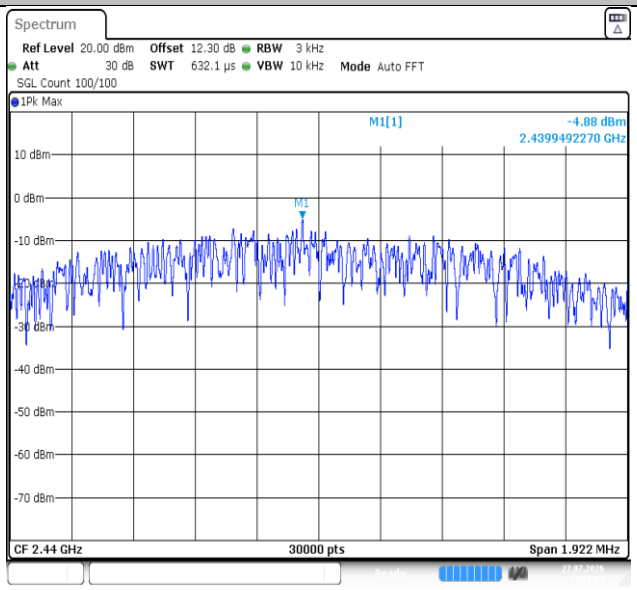
BLE_1M-2440-PASS



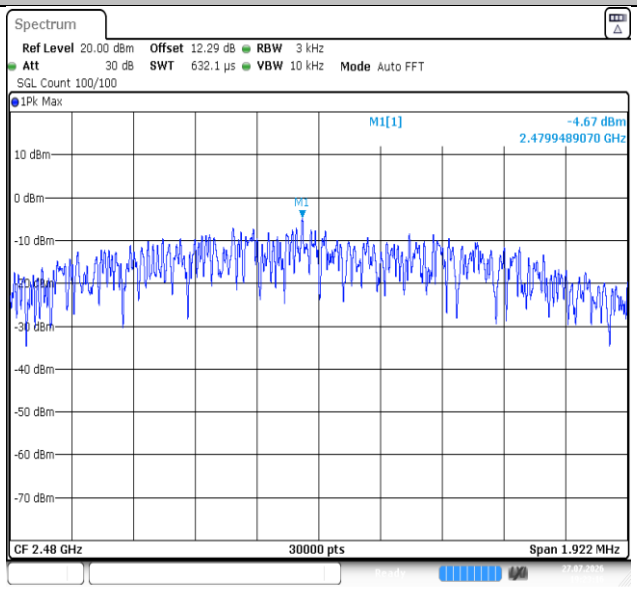
BLE_1M-2480-PASS



BLE_2M-2402-PASS



BLE_2M-2440-PASS



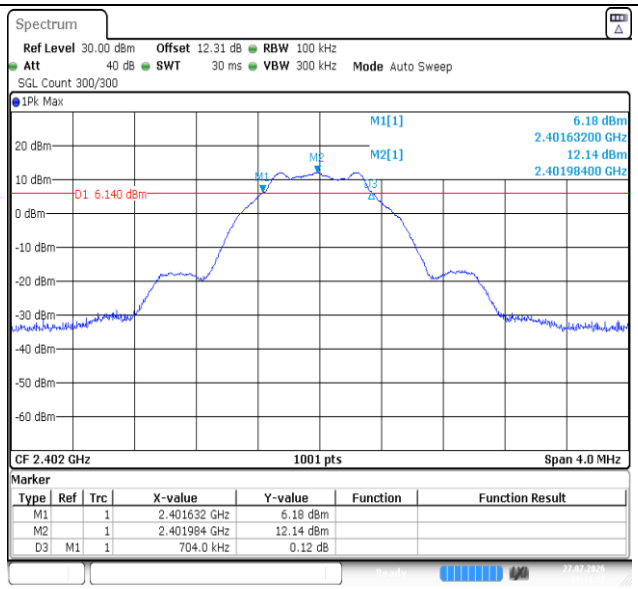
BLE_2M-2480-PASS

Appendix C: 6db Bandwidth

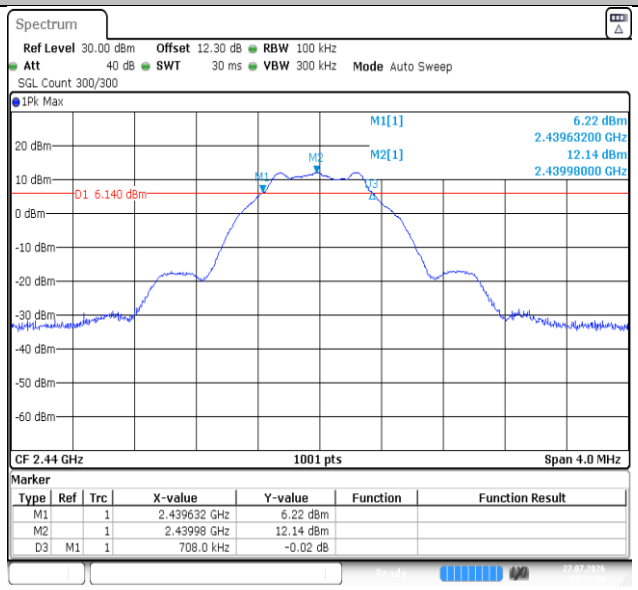
Test Result

TestMode	Frequency[MHz]	6db Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	0.70	0.5	PASS
BLE_1M	2440	0.71	0.5	PASS
BLE_1M	2480	0.71	0.5	PASS
BLE_2M	2402	1.24	0.5	PASS
BLE_2M	2440	1.24	0.5	PASS
BLE_2M	2480	1.24	0.5	PASS

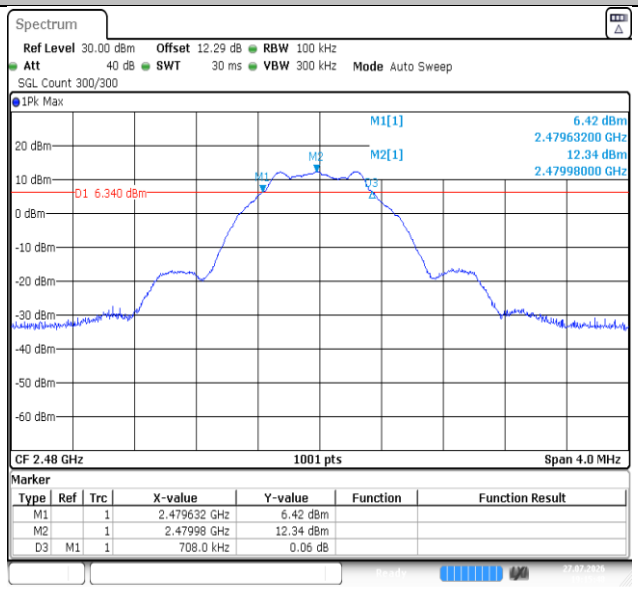
Test Graphs



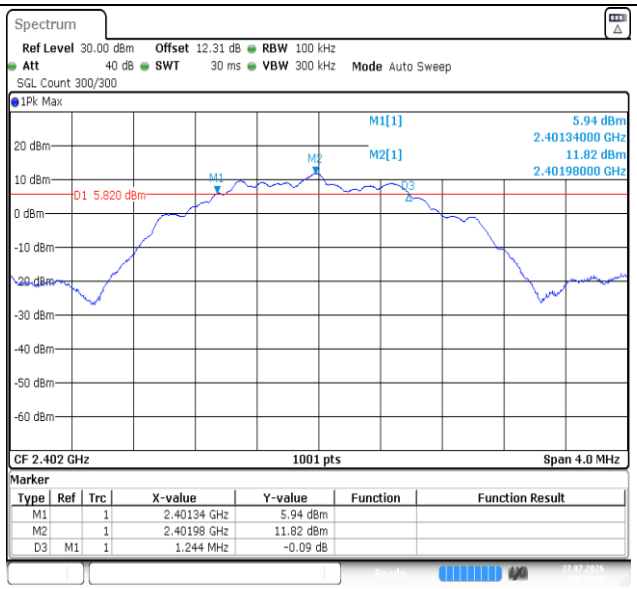
BLE_1M-2402-PASS



BLE_1M-2440-PASS

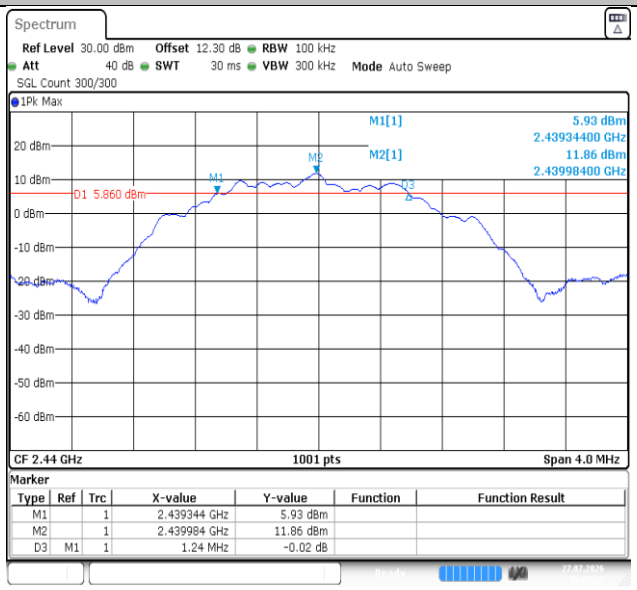


BLE_1M-2480-PASS



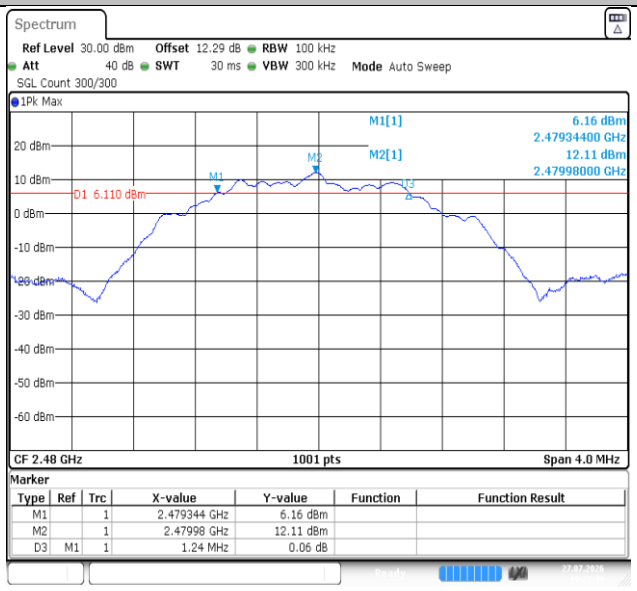
Date: 27.JUL.2026 19:18:15

BLE_2M-2402-PASS



Date: 27.JUL.2026 19:20:37

BLE_2M-2440-PASS



Date: 27.JUL.2026 19:22:49

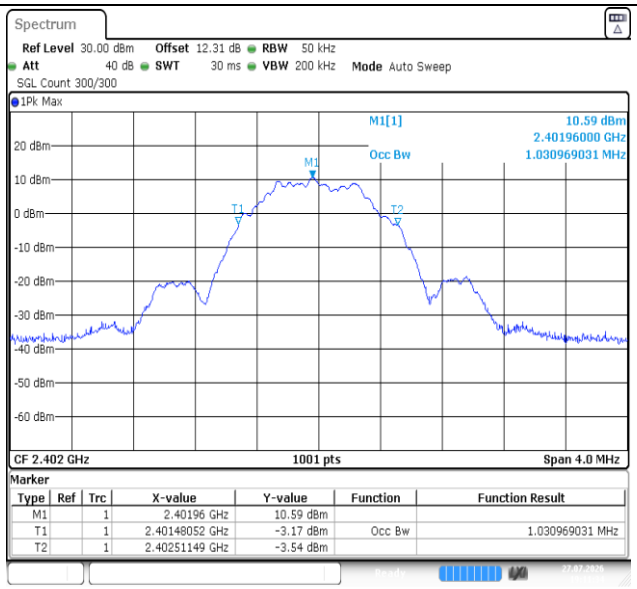
BLE_2M-2480-PASS

Appendix D: 99% Occupied Bandwidth

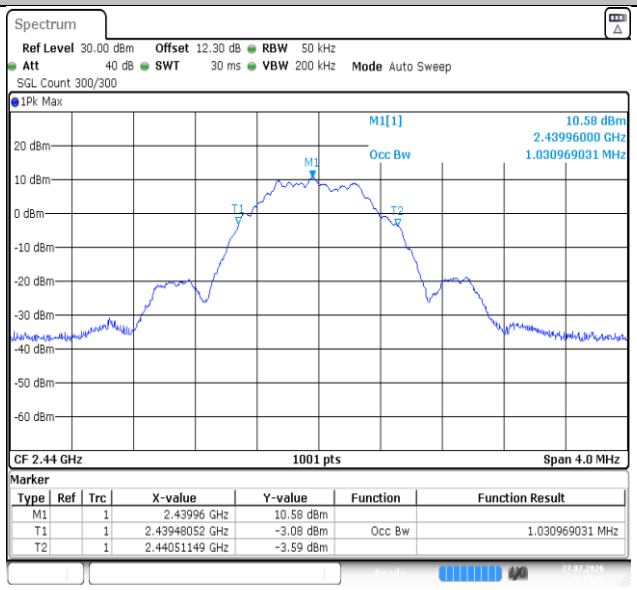
Test Result

TestMode	Frequency[MHz]	99% Occupied Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	1.0310	---	---
BLE_1M	2440	1.0310	---	---
BLE_1M	2480	1.0310	---	---
BLE_2M	2402	2.0539	---	---
BLE_2M	2440	2.0500	---	---
BLE_2M	2480	2.0500	---	---

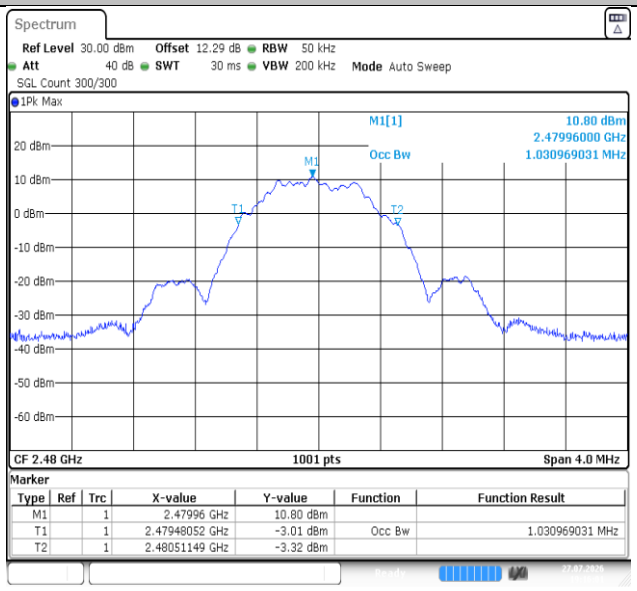
Test Graphs



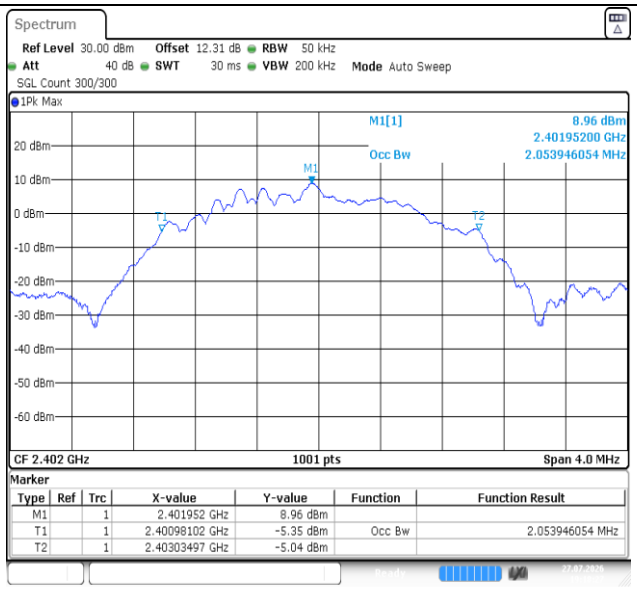
BLE_1M-2402



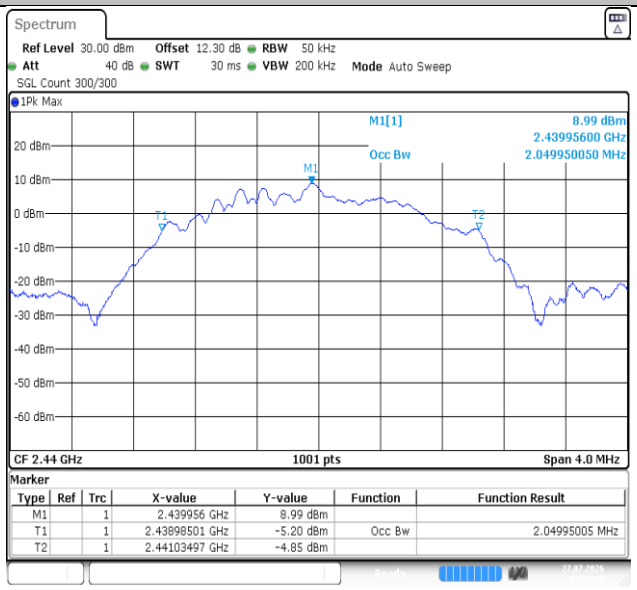
BLE_1M-2440



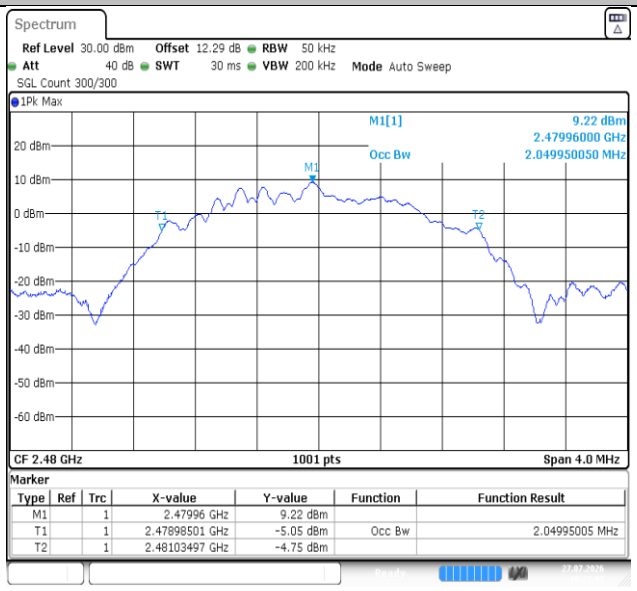
BLE_1M-2480



BLE_2M-2402



BLE_2M-2440



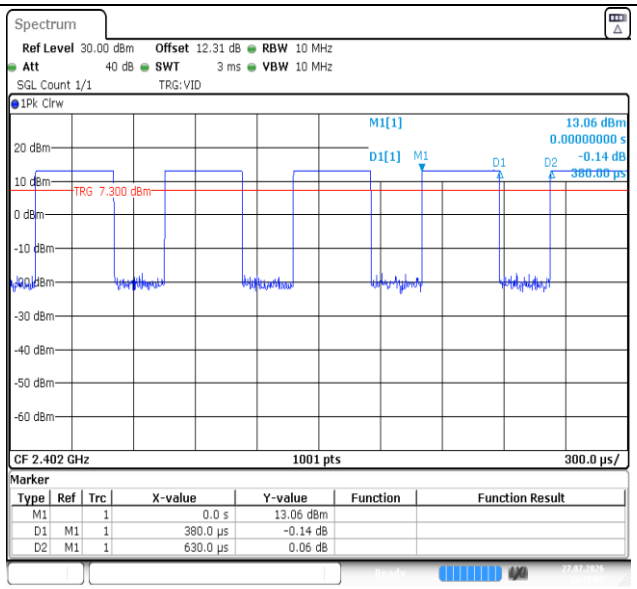
BLE_2M-2480

Appendix E: Duty Cycle

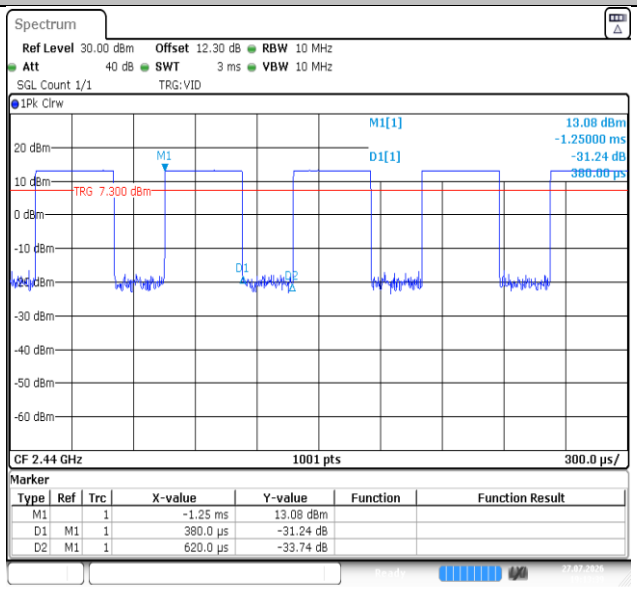
Test Result

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/Ton time(kHz)
BLE_1M	2402	0.38	0.63	60.32	2.20	2.63
BLE_1M	2440	0.38	0.62	61.29	2.13	2.63
BLE_1M	2480	0.38	0.62	61.29	2.13	2.63
BLE_2M	2402	0.20	0.63	31.75	4.98	5.00
BLE_2M	2440	0.20	0.63	31.75	4.98	5.00
BLE_2M	2480	0.20	0.63	31.75	4.98	5.00

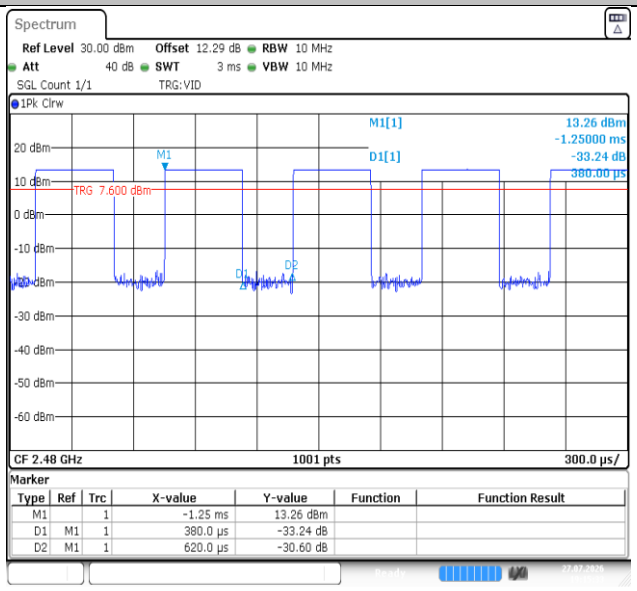
Test Graphs



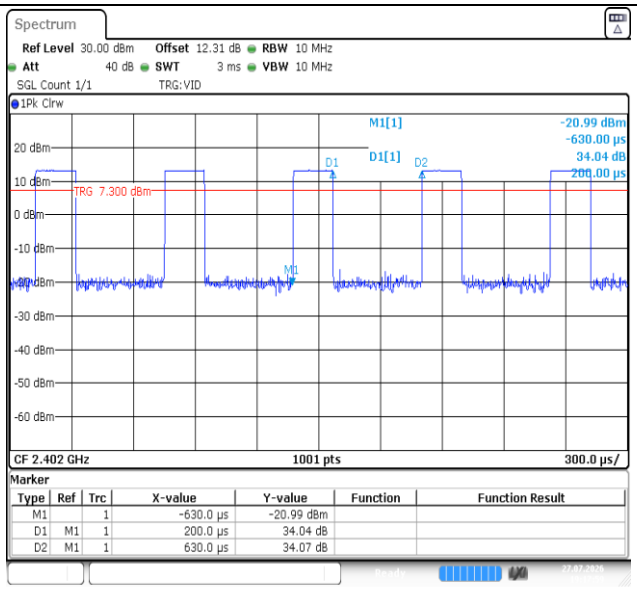
NTNV-BLE_1M-2402



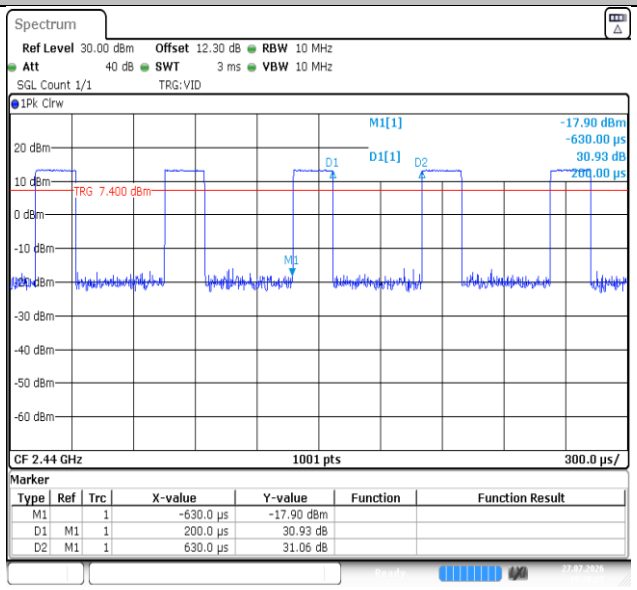
NTNV-BLE_1M-2440



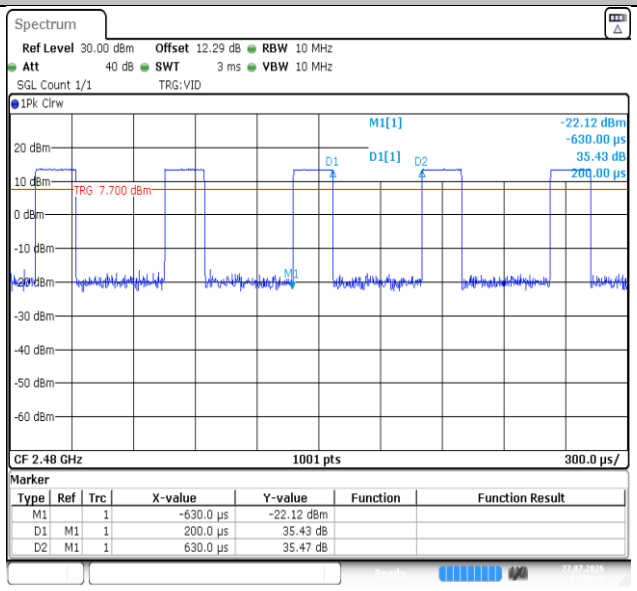
NTNV-BLE_1M-2480



NTNV-BLE_2M-2402



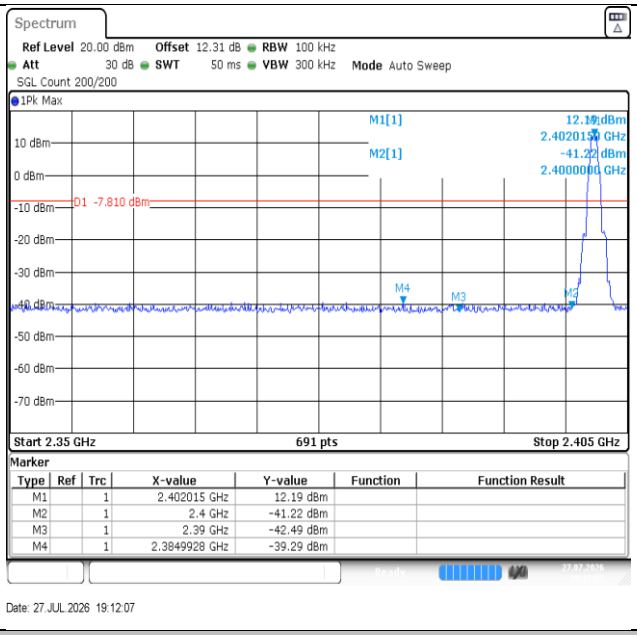
NTNV-BLE_2M-2440



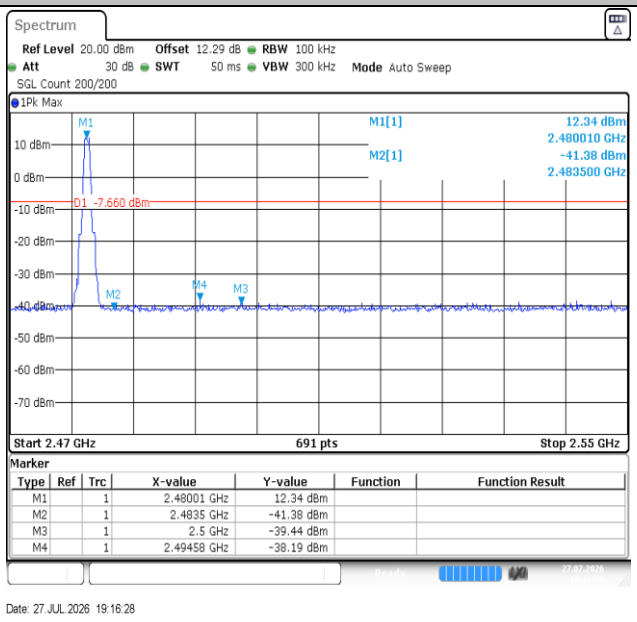
NTNV-BLE_2M-2480

Appendix F: Band edge and Spurious Emission(Conducted)

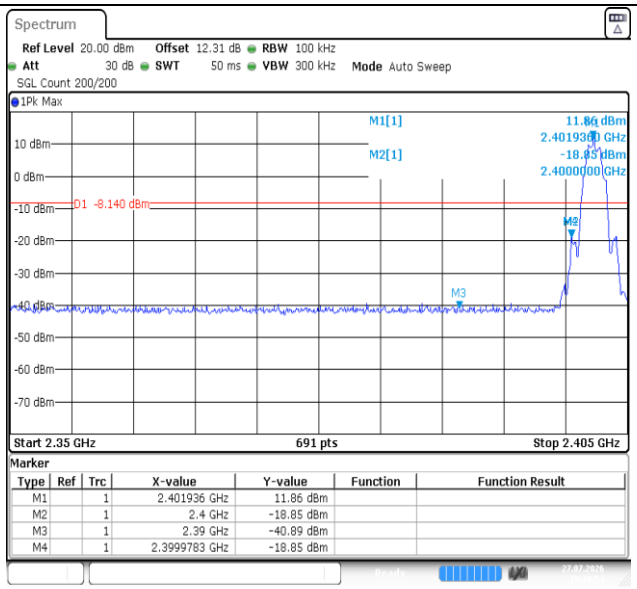
Test Graphs



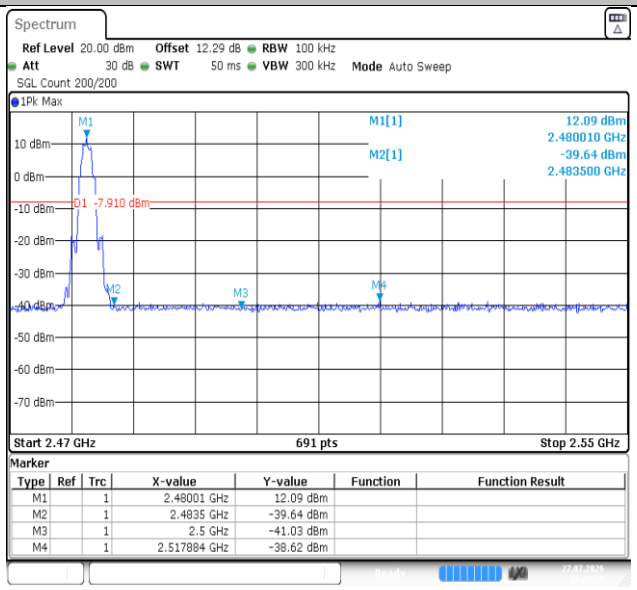
BLE_1M-2402-PASS



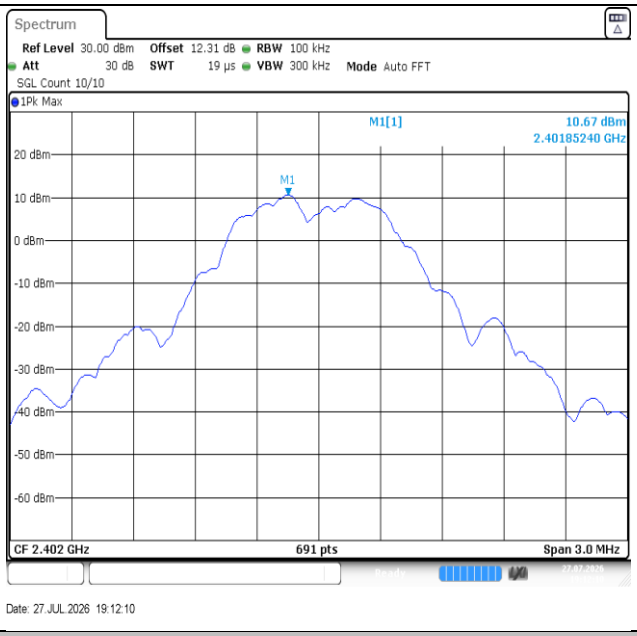
BLE_1M-2480-PASS



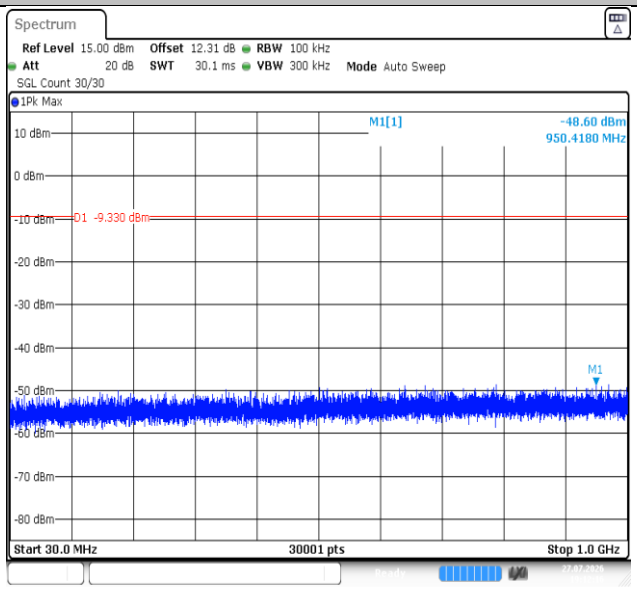
BLE_2M-2402-PASS



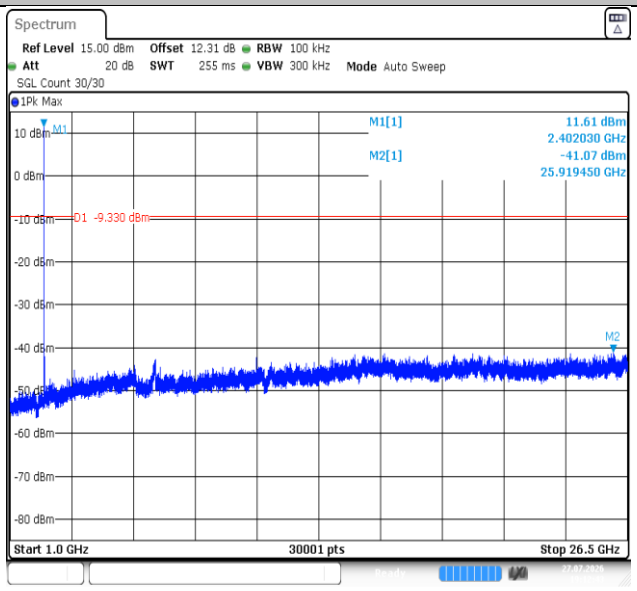
BLE_2M-2480-PASS



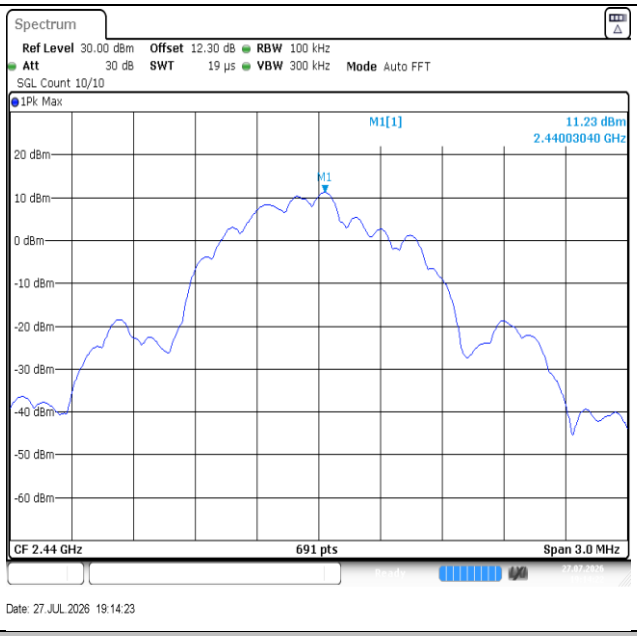
BLE_1M-2402-0~Reference-PASS



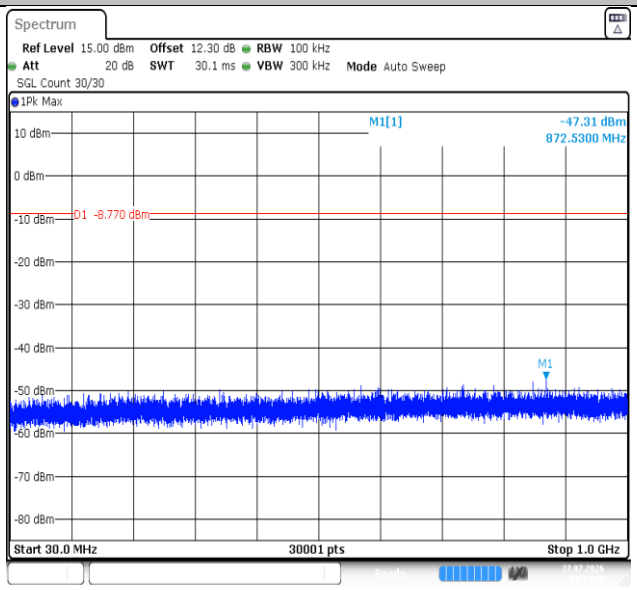
BLE_1M-2402-30~1000-PASS



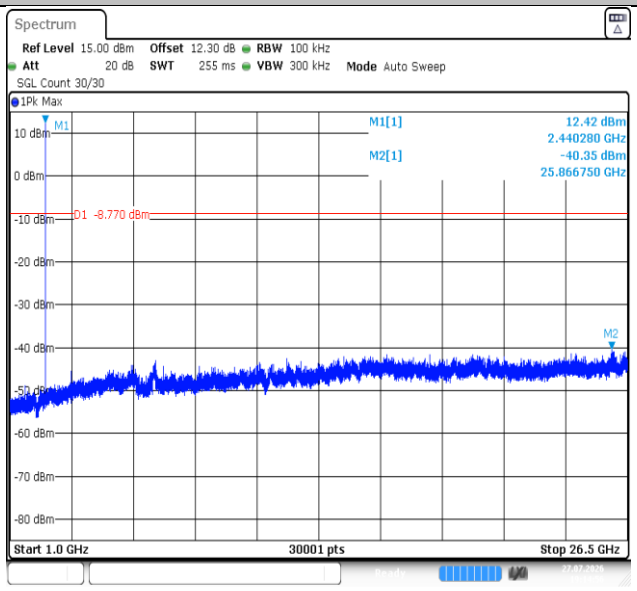
BLE_1M-2402-1000~26500-PASS



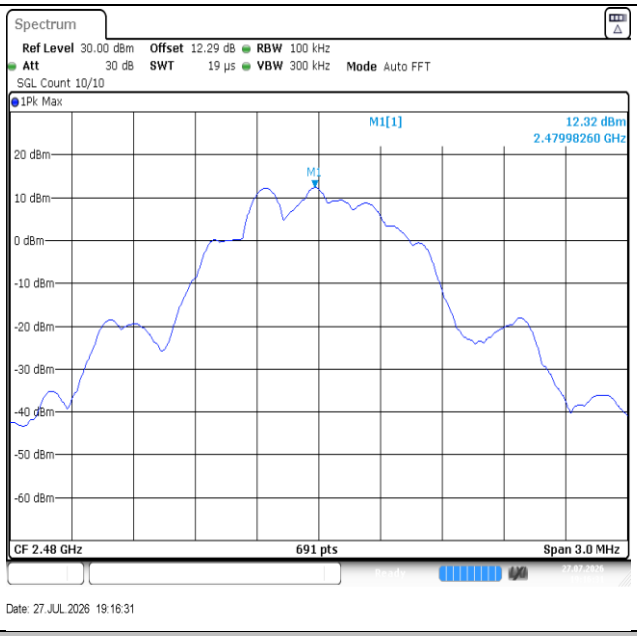
BLE_1M-2440-0~Reference-PASS



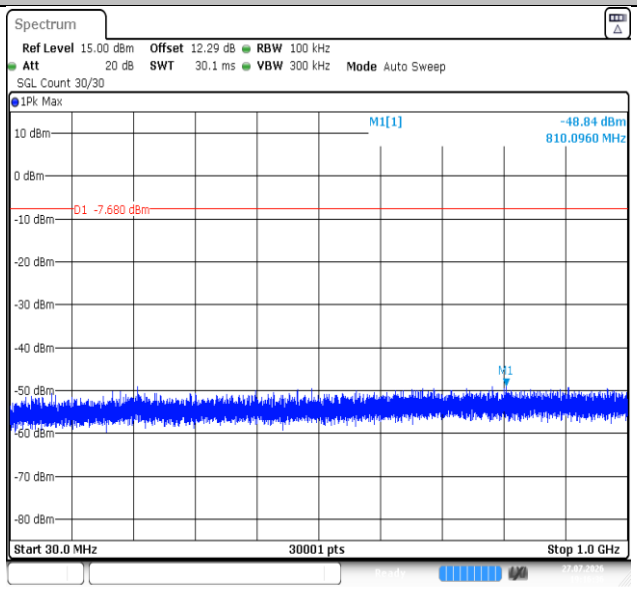
BLE_1M-2440-30~1000-PASS



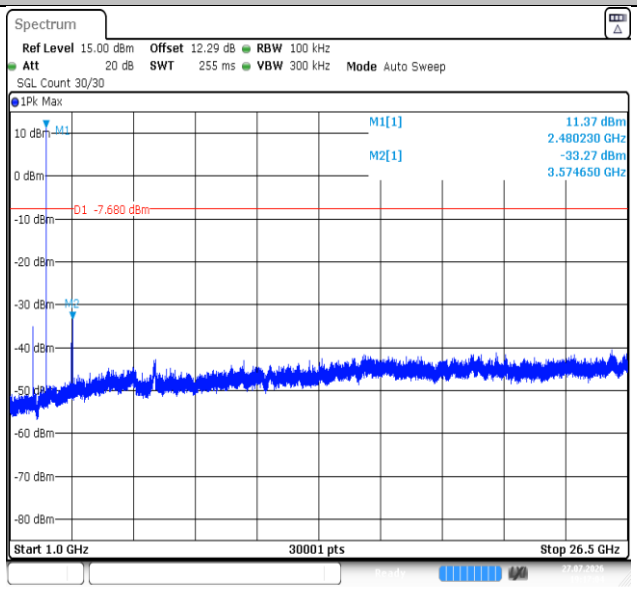
BLE_1M-2440-1000~26500-PASS



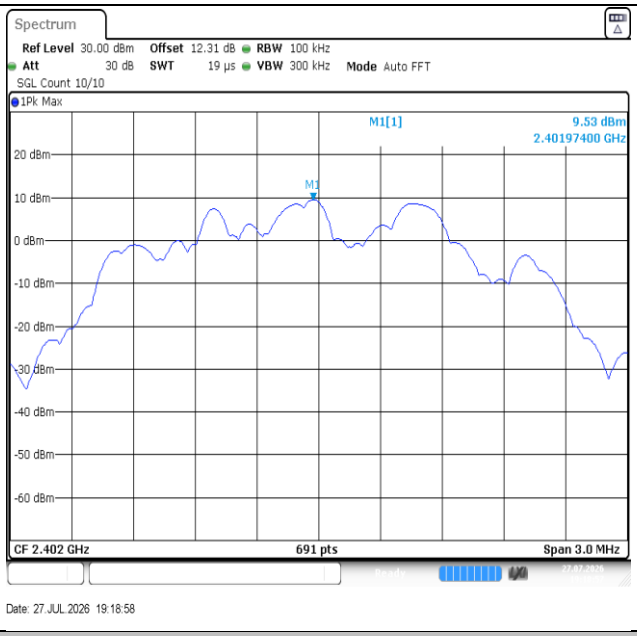
BLE_1M-2480-0~Reference-PASS



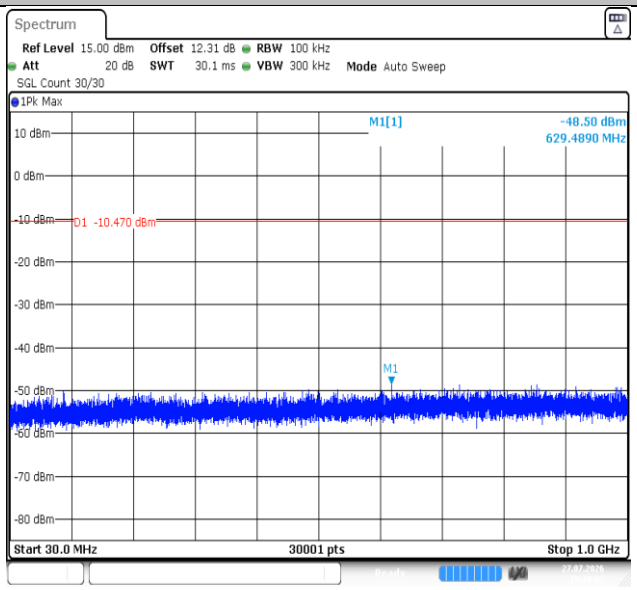
BLE_1M-2480-30~1000-PASS



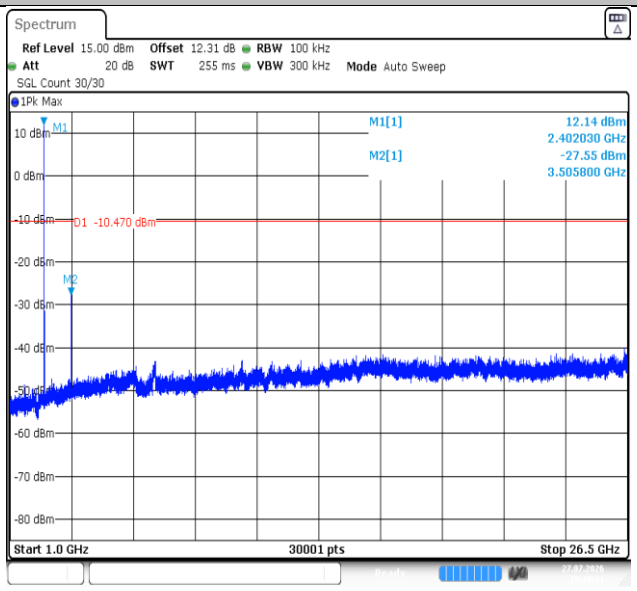
BLE_1M-2480-1000~26500-PASS



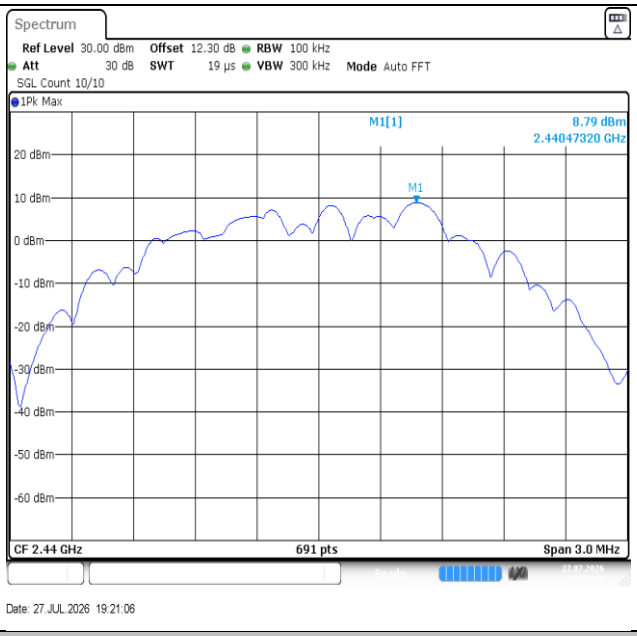
BLE_2M-2402-0~Reference-PASS



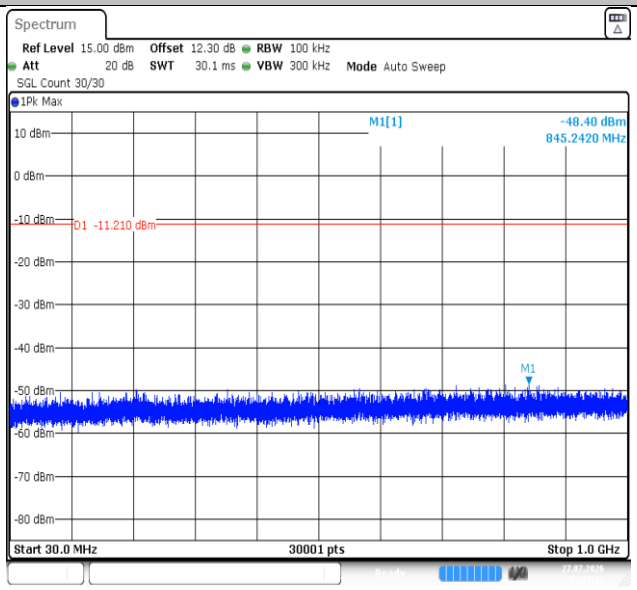
BLE_2M-2402-30~1000-PASS



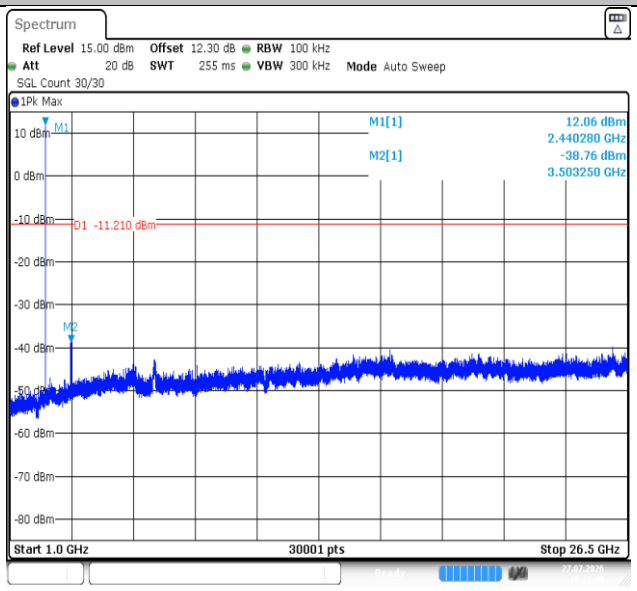
BLE_2M-2402-1000~26500-PASS



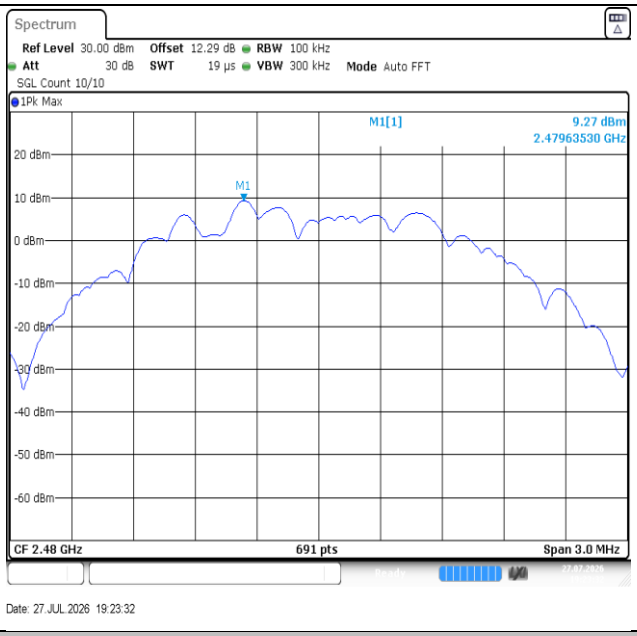
BLE_2M-2440-0~Reference-PASS



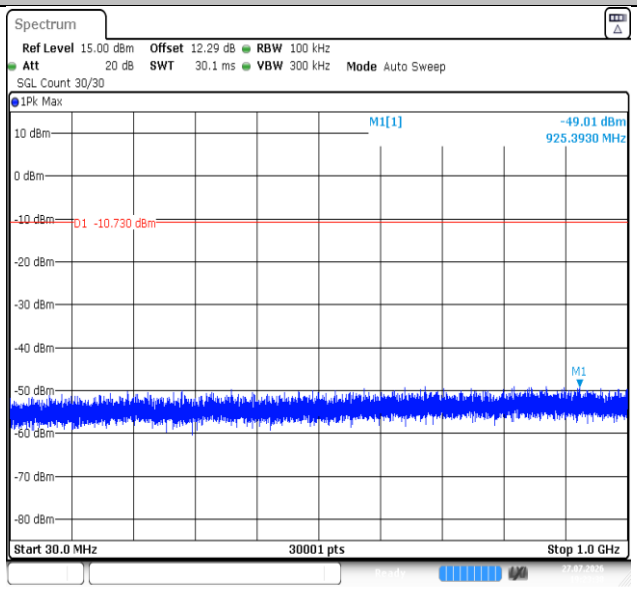
BLE_2M-2440-30~1000-PASS



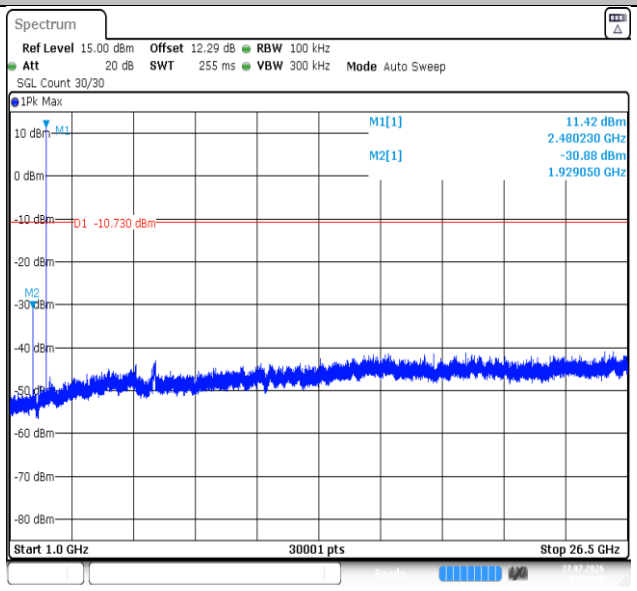
BLE_2M-2440-1000~26500-PASS



BLE_2M-2480-0~Reference-PASS



BLE_2M-2480-30~1000-PASS



BLE_2M-2480-1000~26500-PASS

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