

APPENDIX REPORT

Project No.	SHT2607061302W	Radio Specification	Bluetooth BLE
Test sample No.	YPHT26070613003	Model No.	B02-MC
Start test date	2026/8/31	Finish date	2026/8/31
Temperature	23.6℃	Humidity	57%
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

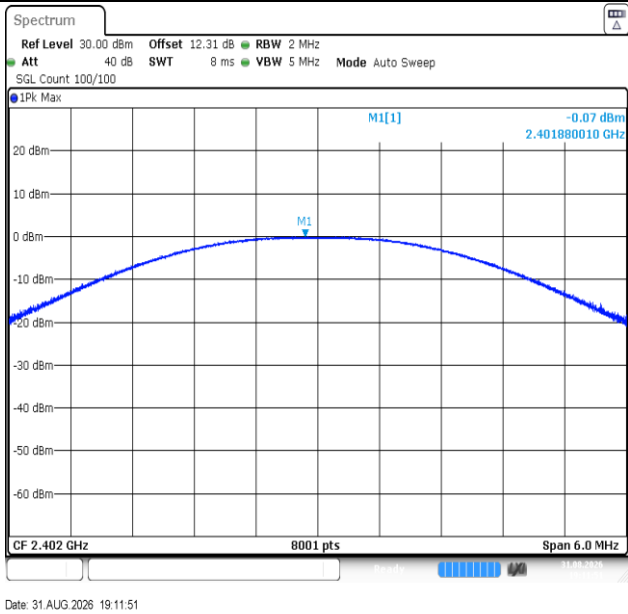
Test Result Peak

TestMode	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	2402	-0.07	≤30	PASS
BLE_1M	2440	-0.46	≤30	PASS
BLE_1M	2480	-0.95	≤30	PASS

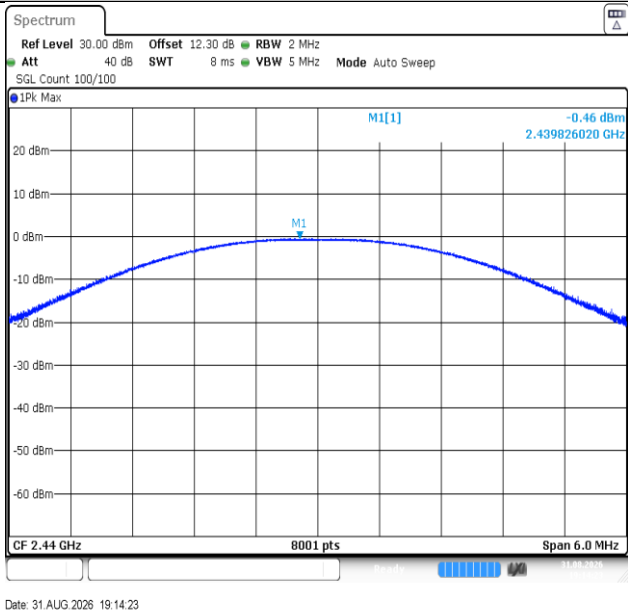
Test Result Average

Test Mode	Frequency[MHz]	Conducted Sensor power[dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	2402	-4.53	53.97	2.68	-1.85	≤30.00	PASS
BLE_1M	2440	-4.99	53.97	2.68	-2.31	≤30.00	PASS
BLE_1M	2480	-5.65	53.97	2.68	-2.97	≤30.00	PASS

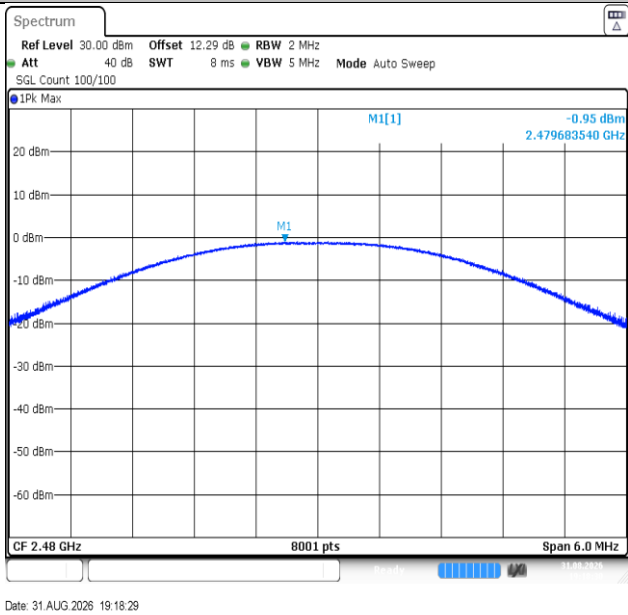
Test Graphs Peak



BLE_1M-2402-PASS



BLE_1M-2440-PASS



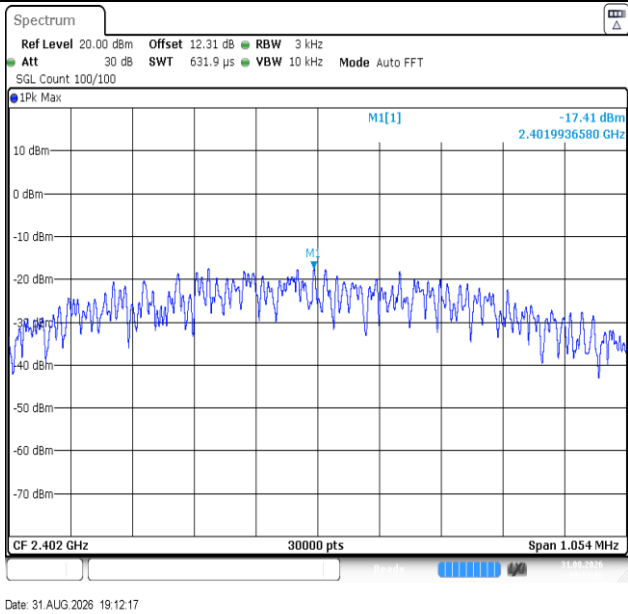
BLE_1M-2480-PASS

Appendix B: Power Spectral Density

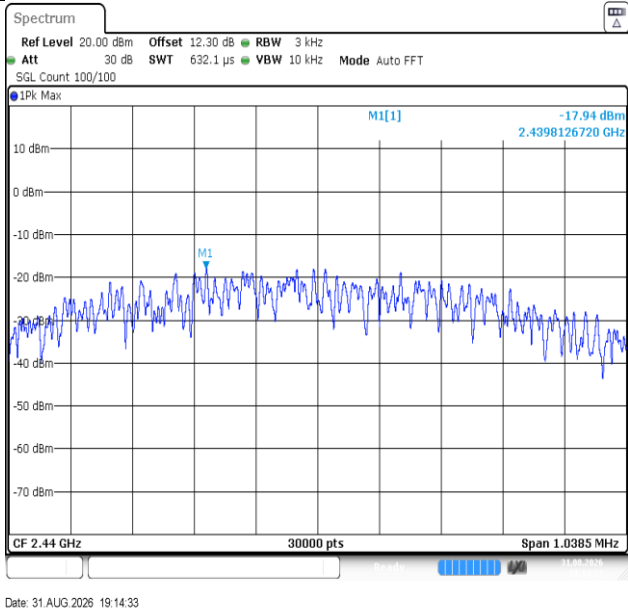
Test Result

TestMode	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	2402	-17.41	≤8.00	PASS
BLE_1M	2440	-17.94	≤8.00	PASS
BLE_1M	2480	-18.59	≤8.00	PASS

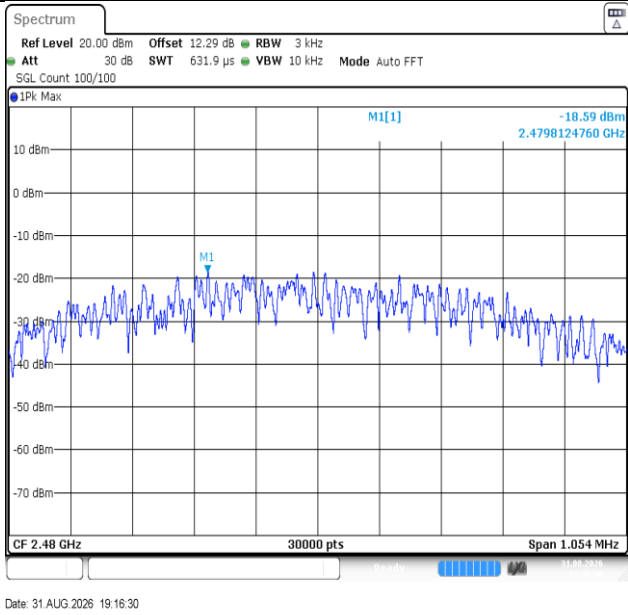
Test Graphs



BLE_1M-2402-PASS



BLE_1M-2440-PASS



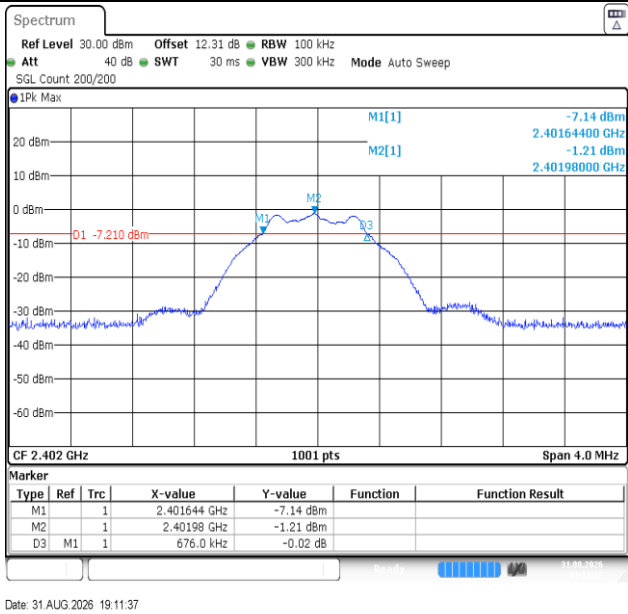
BLE_1M-2480-PASS

Appendix C: 6db Bandwidth

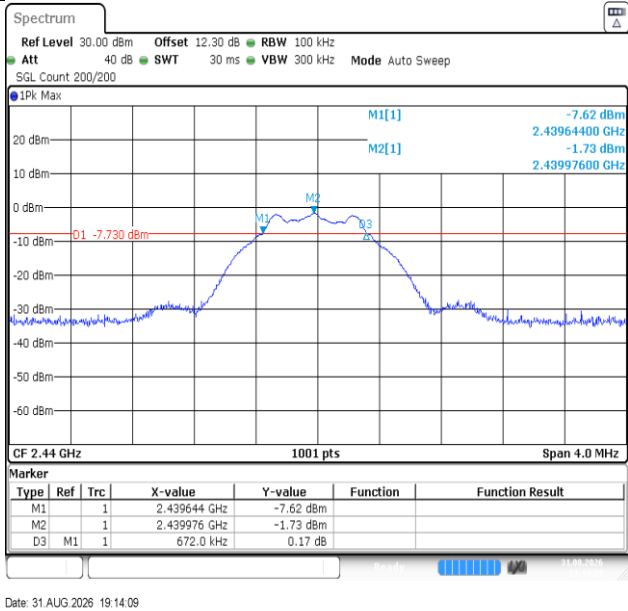
Test Result

TestMode	Frequency[MHz]	6db Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	0.68	0.5	PASS
BLE_1M	2440	0.67	0.5	PASS
BLE_1M	2480	0.68	0.5	PASS

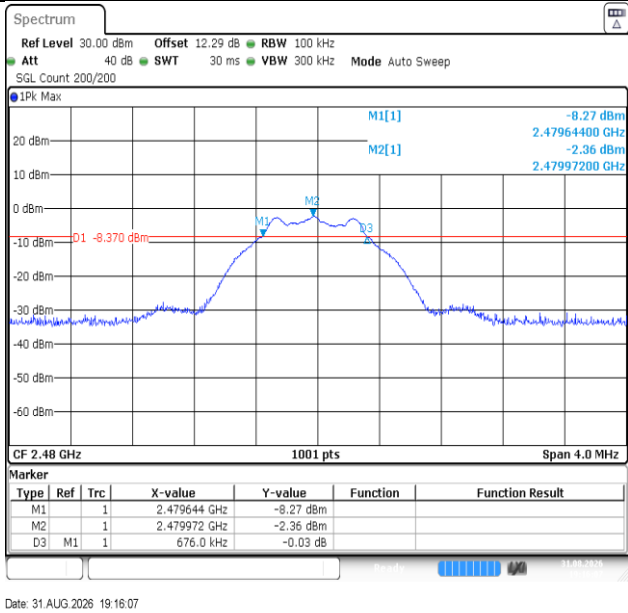
Test Graphs



BLE_1M-2402-PASS



BLE_1M-2440-PASS



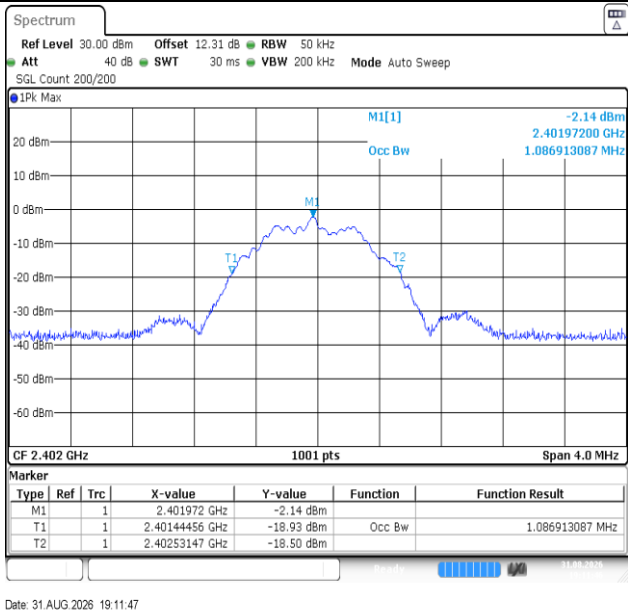
BLE_1M-2480-PASS

Appendix D: 99% Occupied Bandwidth

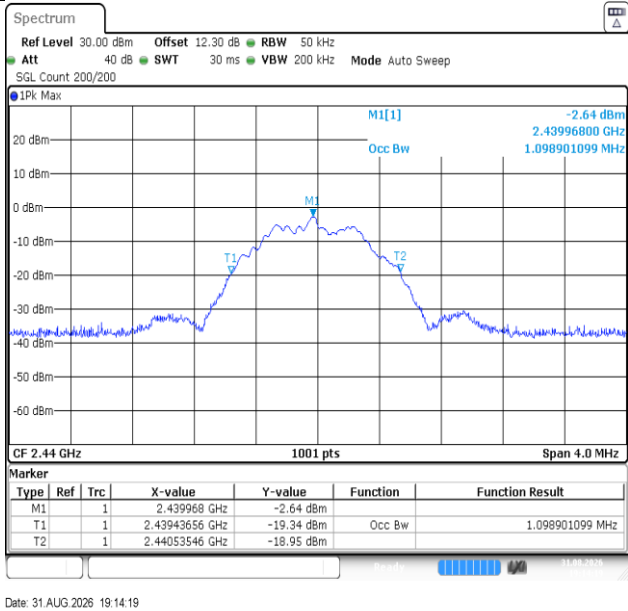
Test Result

TestMode	Frequency[MHz]	99% Occupied Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	1.0869	---	---
BLE_1M	2440	1.0989	---	---
BLE_1M	2480	1.1069	---	---

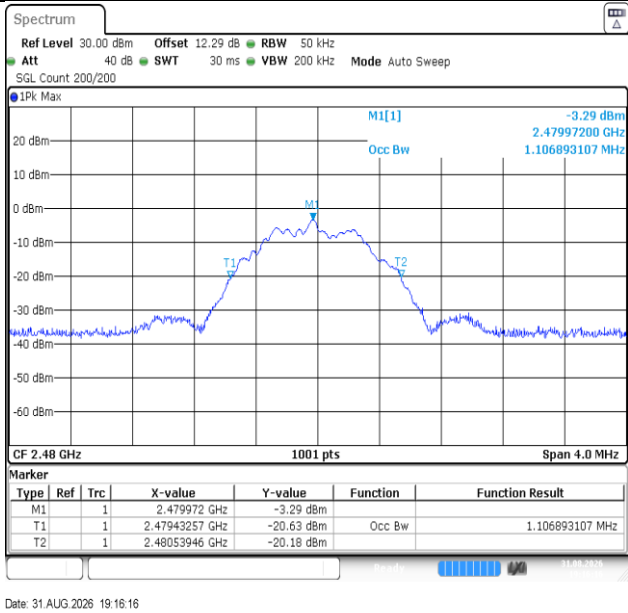
Test Graphs



BLE_1M-2402



BLE_1M-2440



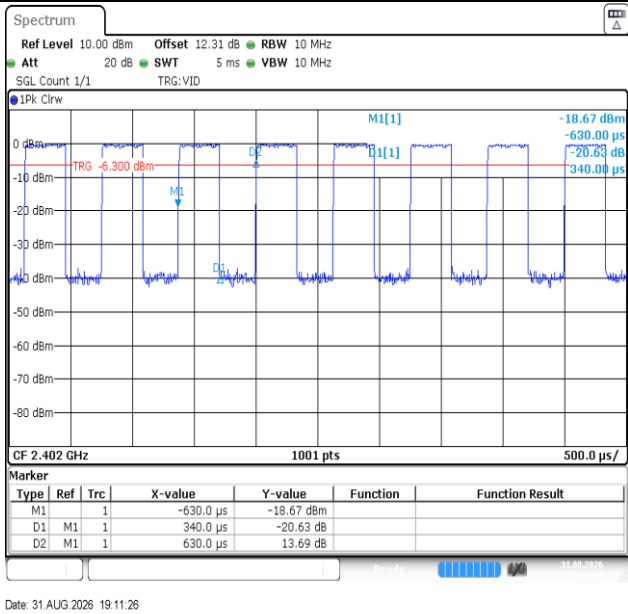
BLE_1M-2480

Appendix E: Duty Cycle

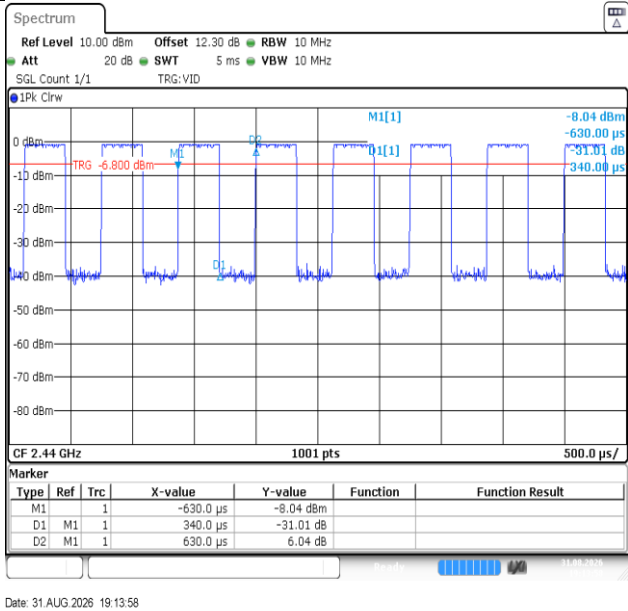
Test Result

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/Ton time(kHz)
BLE_1M	2402	0.34	0.63	53.97	2.68	2.94
BLE_1M	2440	0.34	0.63	53.97	2.68	2.94
BLE_1M	2480	0.34	0.63	53.97	2.68	2.94

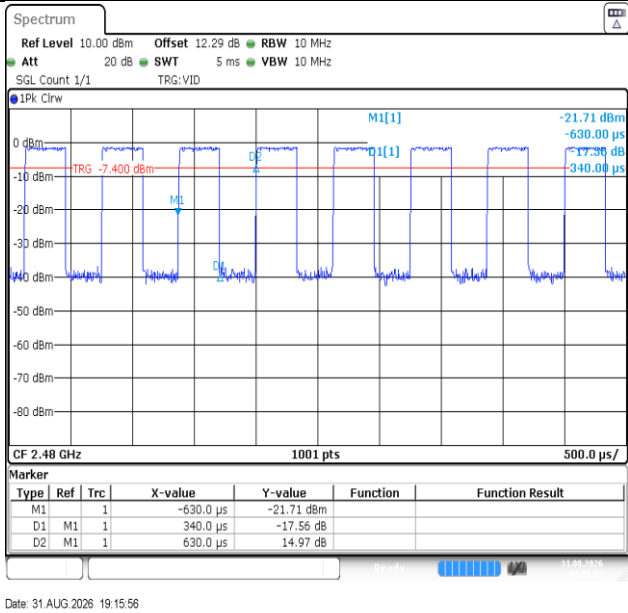
Test Graphs



NTNV-BLE_1M-2402



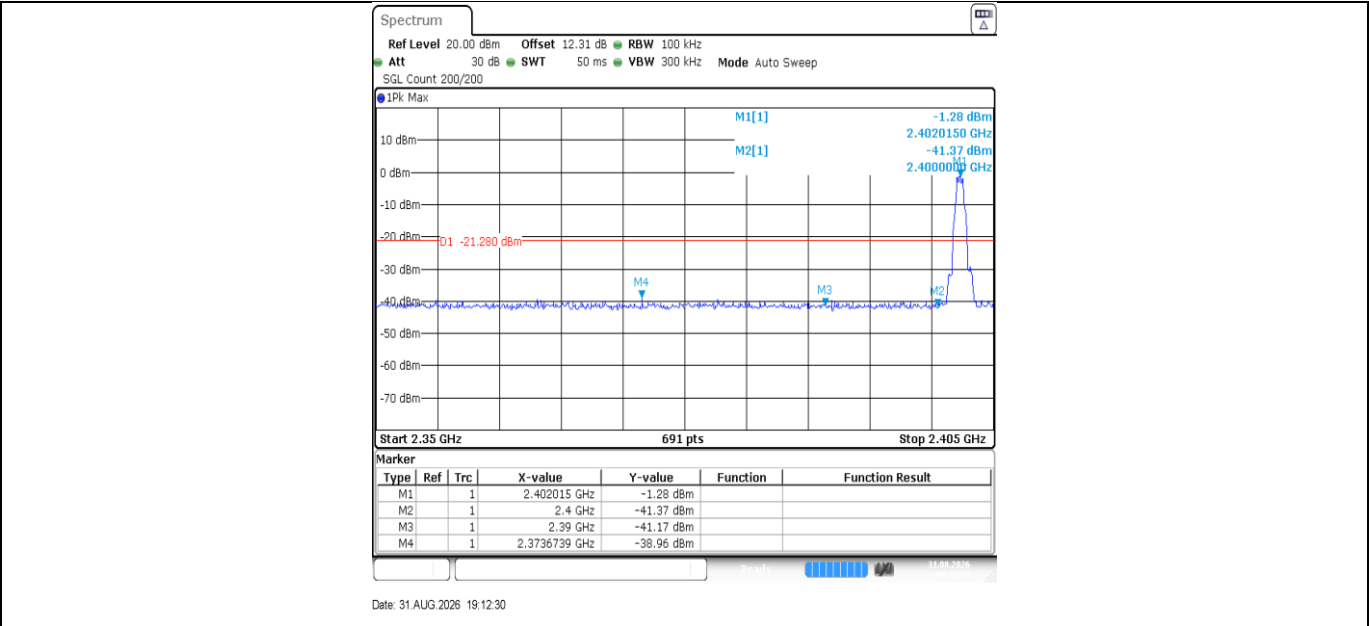
NTNV-BLE_1M-2440



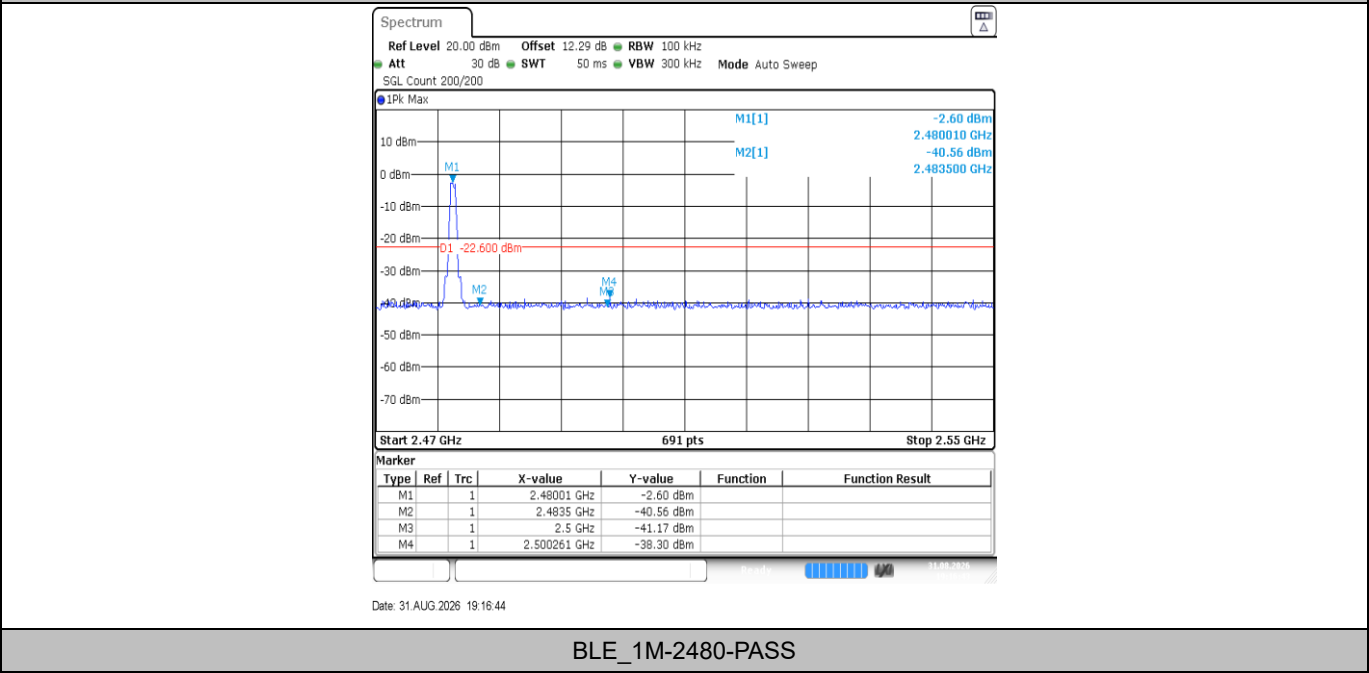
NTNV-BLE_1M-2480

Appendix F: Band edge and Spurious Emission(Conducted)

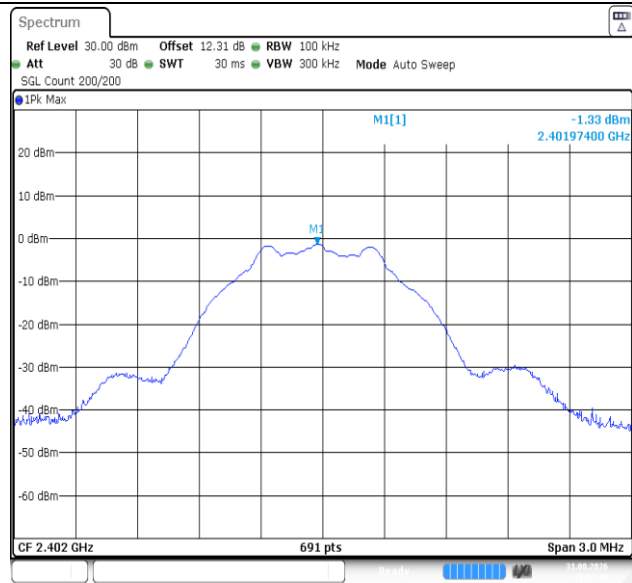
Test Graphs



BLE_1M-2402-PASS

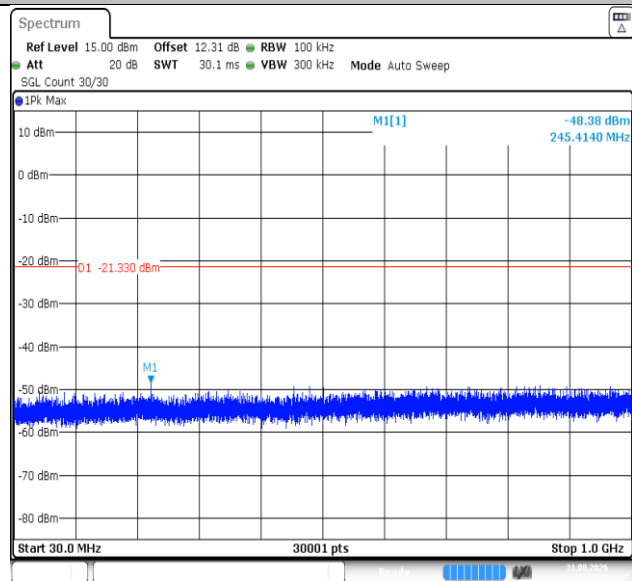


BLE_1M-2480-PASS



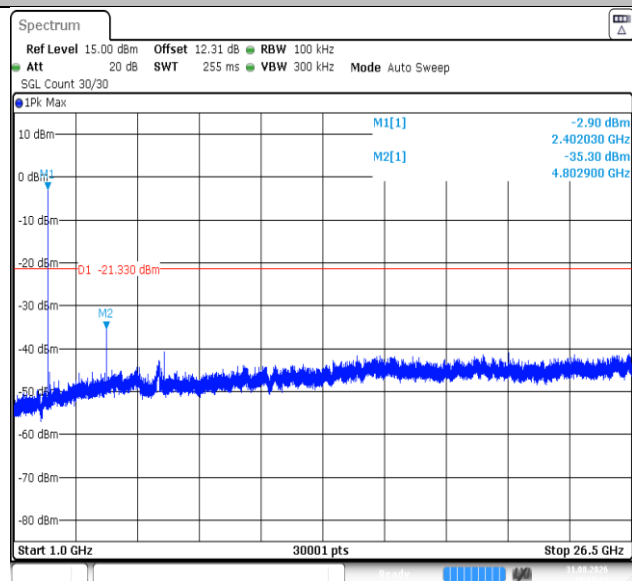
Date: 31 AUG 2026 19:12:40

BLE_1M-2402-0~Reference-PASS



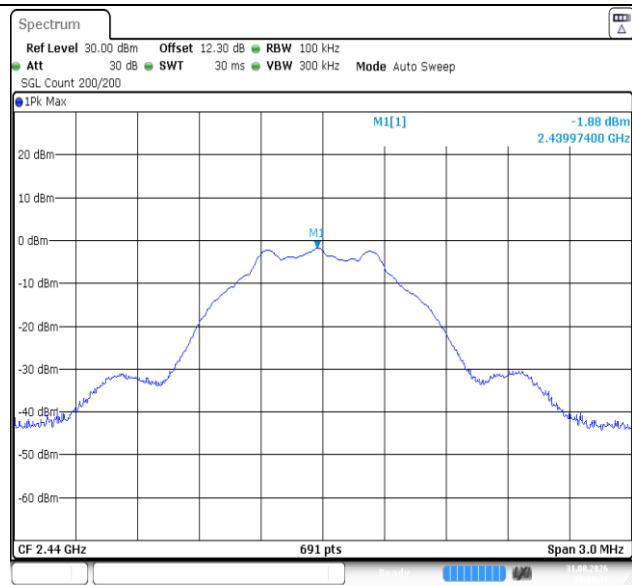
Date: 31 AUG 2026 19:12:45

BLE_1M-2402-30~1000-PASS



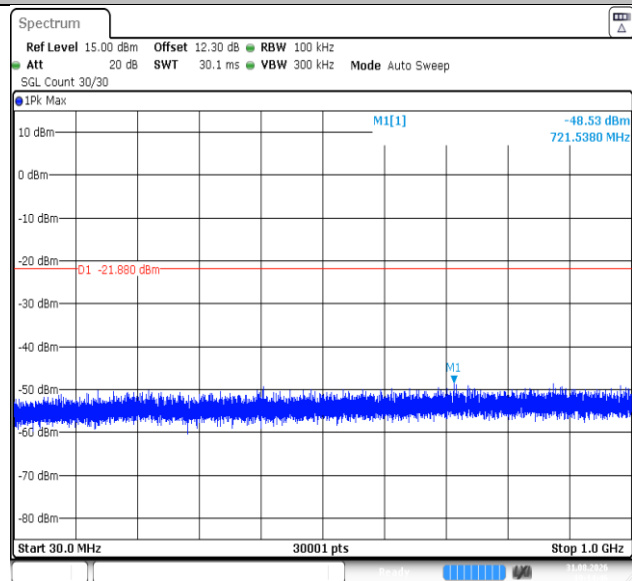
Date: 31 AUG 2026 19:13:13

BLE_1M-2402-1000~26500-PASS



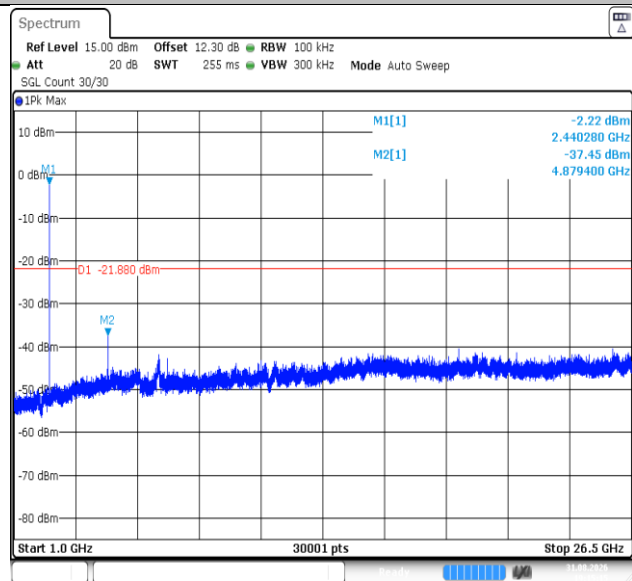
Date: 31 AUG 2026 19:14:42

BLE_1M-2440-0~Reference-PASS



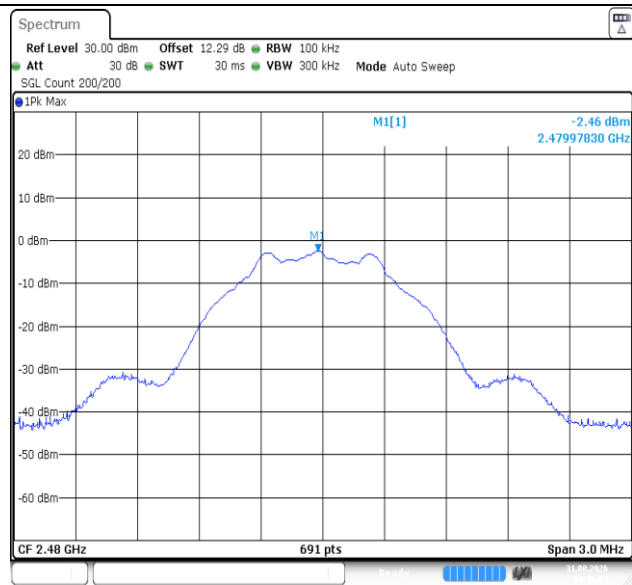
Date: 31 AUG 2026 19:14:47

BLE_1M-2440-30~1000-PASS



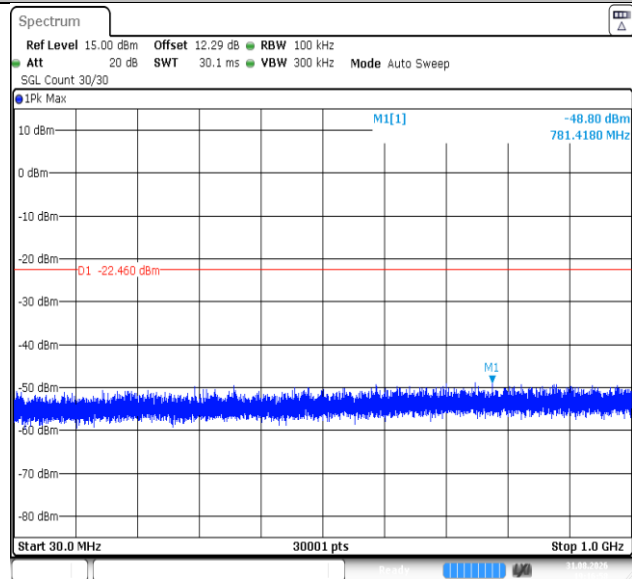
Date: 31 AUG 2026 19:15:15

BLE_1M-2440-1000~26500-PASS



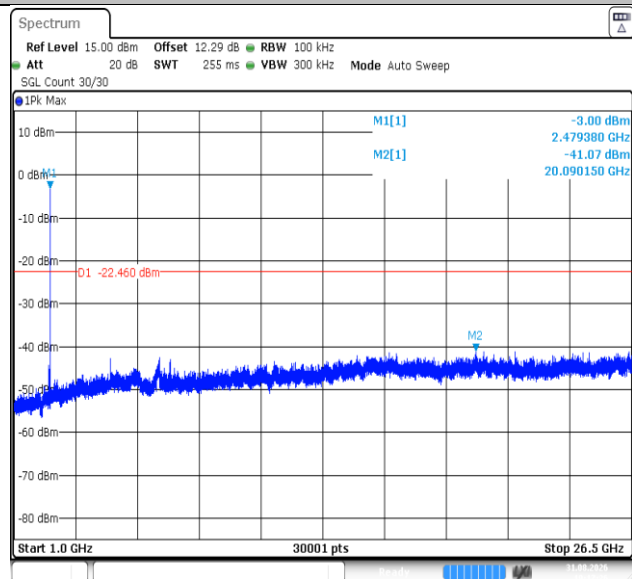
Date: 31 AUG 2026 19:16:53

BLE_1M-2480-0~Reference-PASS



Date: 31 AUG 2026 19:16:59

BLE_1M-2480-30~1000-PASS



Date: 31 AUG 2026 19:17:26

BLE_1M-2480-1000~26500-PASS

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