

APPENDIX REPORT

Project No.	SHT2607067201W	Radio Specification	Bluetooth BLE
Test sample No.	YPHT26070672004	Model No.	SEI 100A
Start test date	2026/8/11	Finish date	2026/8/11
Temperature	23.4℃	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

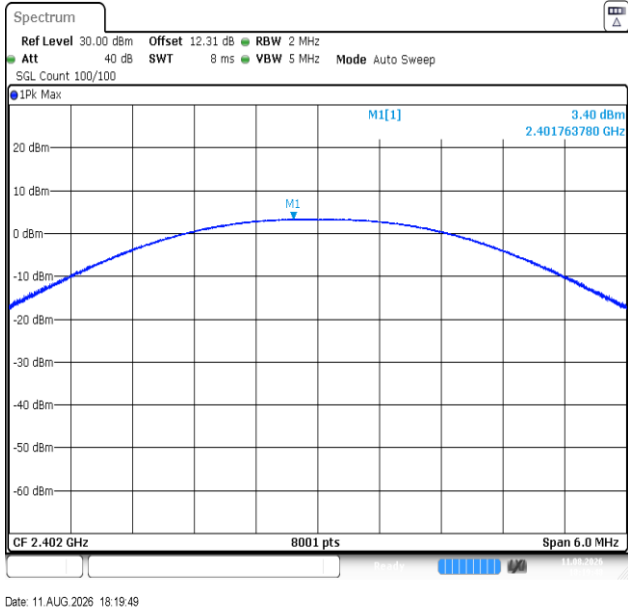
Test Result Peak

TestMode	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	2402	3.40	≤30	PASS
BLE_1M	2440	4.19	≤30	PASS
BLE_1M	2480	4.76	≤30	PASS

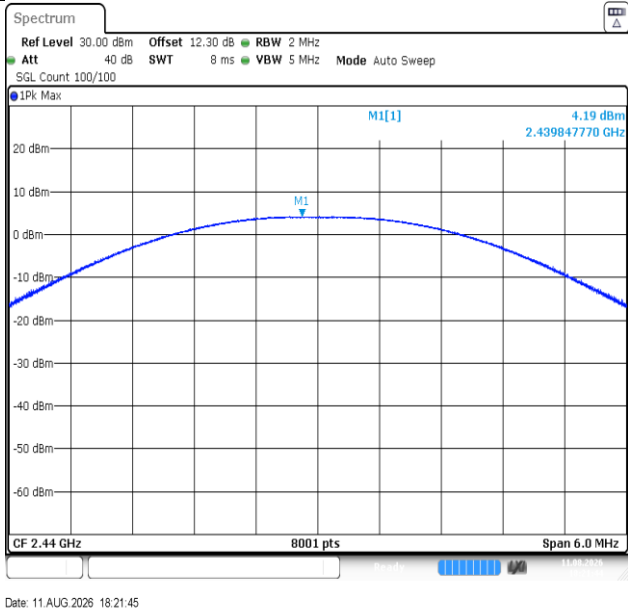
Test Result Average

Test Mode	Frequency[MHz]	Conducted Sensor power[dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	2402	1.86	98.13	0.08	1.94	≤30.00	PASS
BLE_1M	2440	2.91	98.13	0.08	2.99	≤30.00	PASS
BLE_1M	2480	3.31	98.13	0.08	3.39	≤30.00	PASS

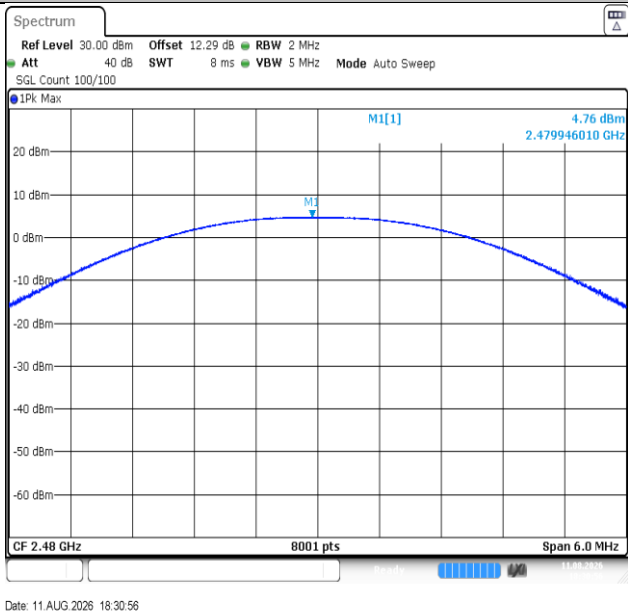
Test Graphs Peak



BLE_1M-2402-PASS



BLE_1M-2440-PASS



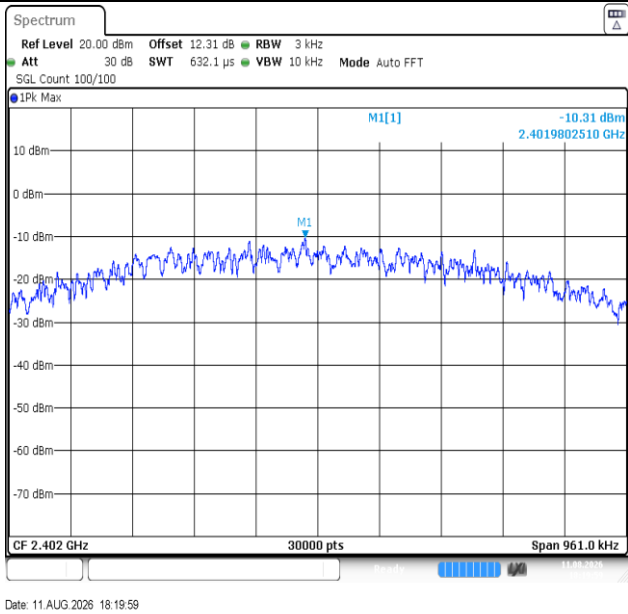
BLE_1M-2480-PASS

Appendix B: Power Spectral Density

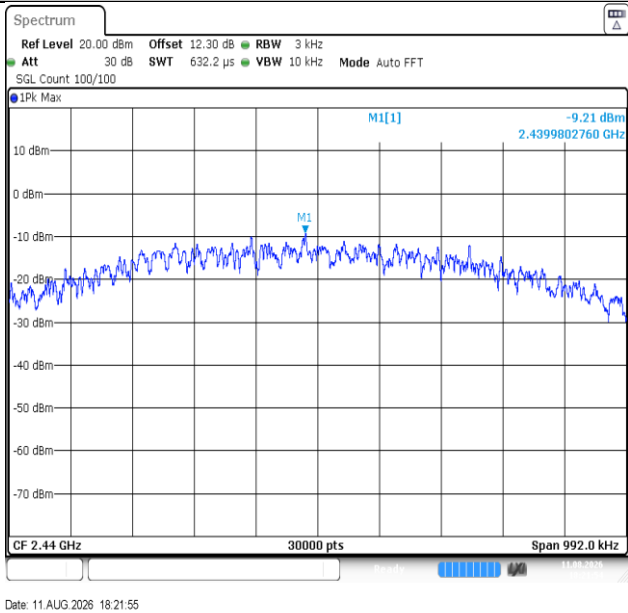
Test Result

TestMode	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	2402	-10.31	≤8.00	PASS
BLE_1M	2440	-9.21	≤8.00	PASS
BLE_1M	2480	-9.34	≤8.00	PASS

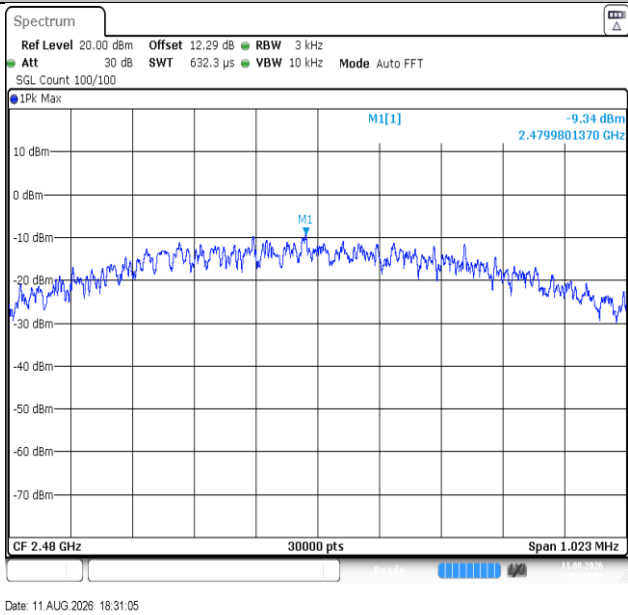
Test Graphs



BLE_1M-2402-PASS



BLE_1M-2440-PASS



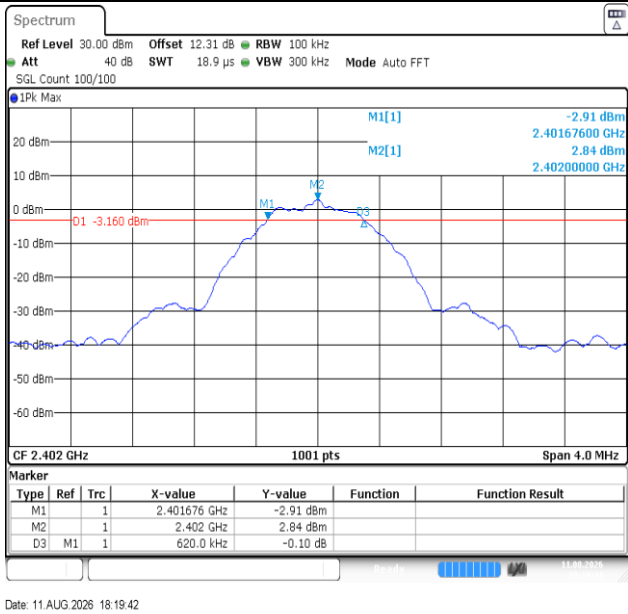
BLE_1M-2480-PASS

Appendix C: 6db Bandwidth

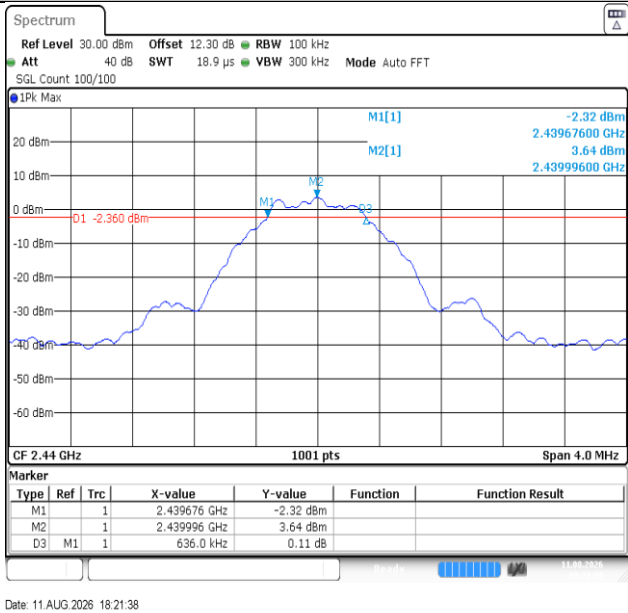
Test Result

TestMode	Frequency[MHz]	6db Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	0.62	0.5	PASS
BLE_1M	2440	0.64	0.5	PASS
BLE_1M	2480	0.66	0.5	PASS

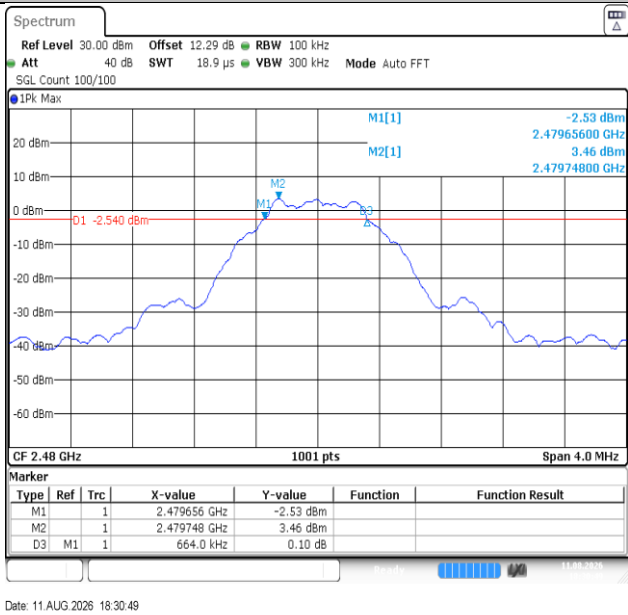
Test Graphs



BLE_1M-2402-PASS



BLE_1M-2440-PASS



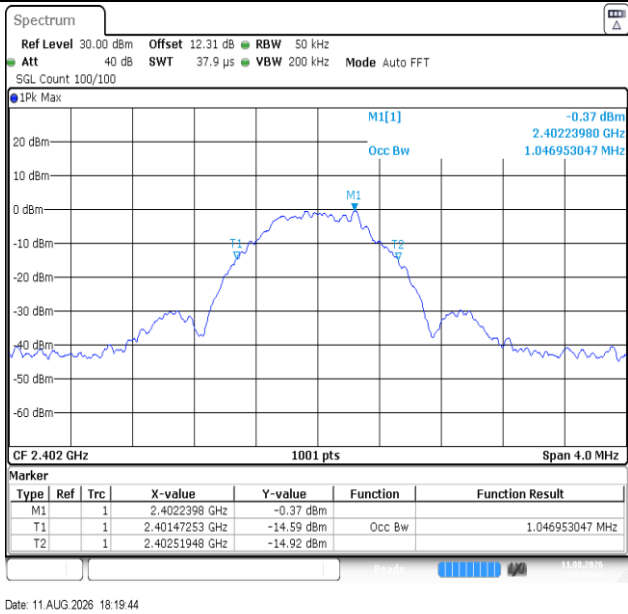
BLE_1M-2480-PASS

Appendix D: 99% Occupied Bandwidth

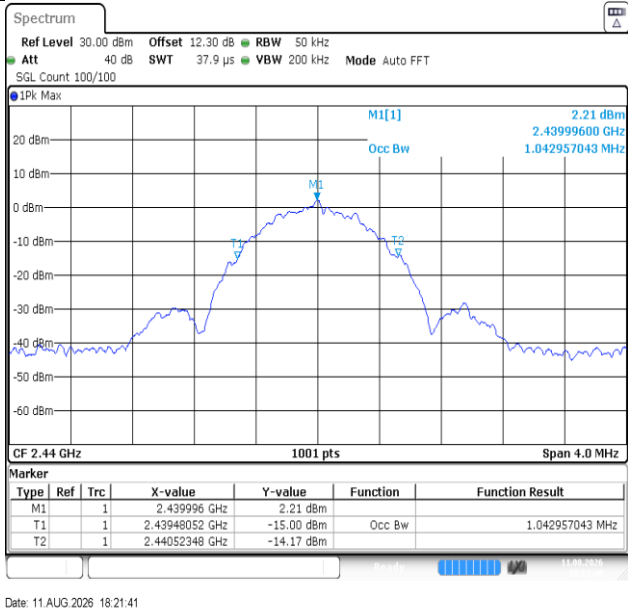
Test Result

TestMode	Frequency[MHz]	99% Occupied Bandwidth [MHz]	Limit[MHz]	Verdict
BLE_1M	2402	1.0470	---	---
BLE_1M	2440	1.0430	---	---
BLE_1M	2480	1.0390	---	---

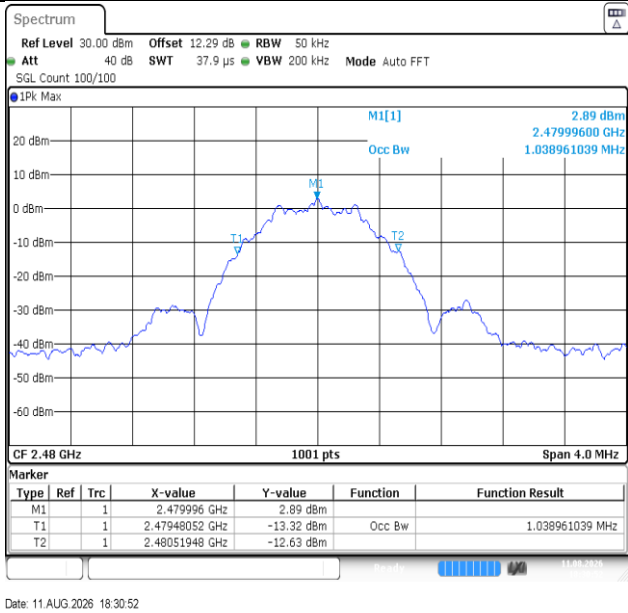
Test Graphs



BLE_1M-2402



BLE_1M-2440



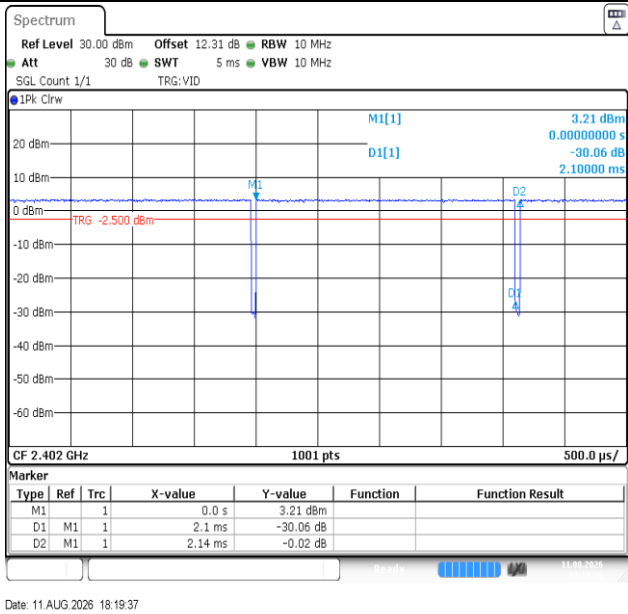
BLE_1M-2480

Appendix E: Duty Cycle

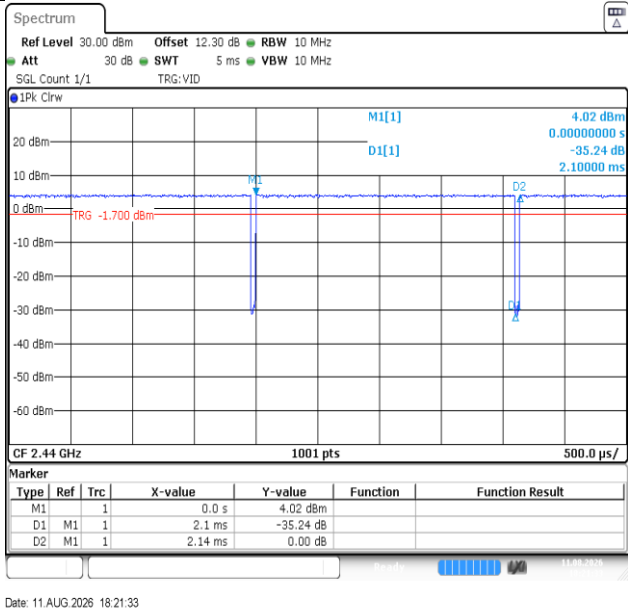
Test Result

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/Ton time(kHz)
BLE_1M	2402	2.10	2.14	98.13	0.08	0.48
BLE_1M	2440	2.10	2.14	98.13	0.08	0.48
BLE_1M	2480	2.10	2.14	98.13	0.08	0.48

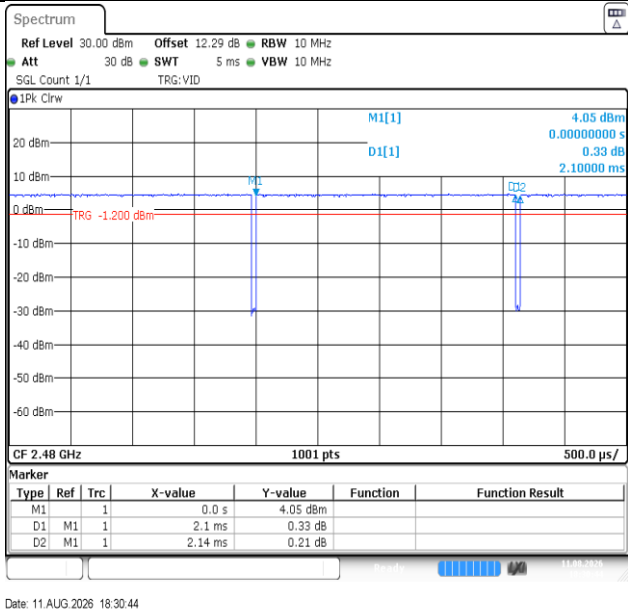
Test Graphs



NTNV-BLE_1M-2402



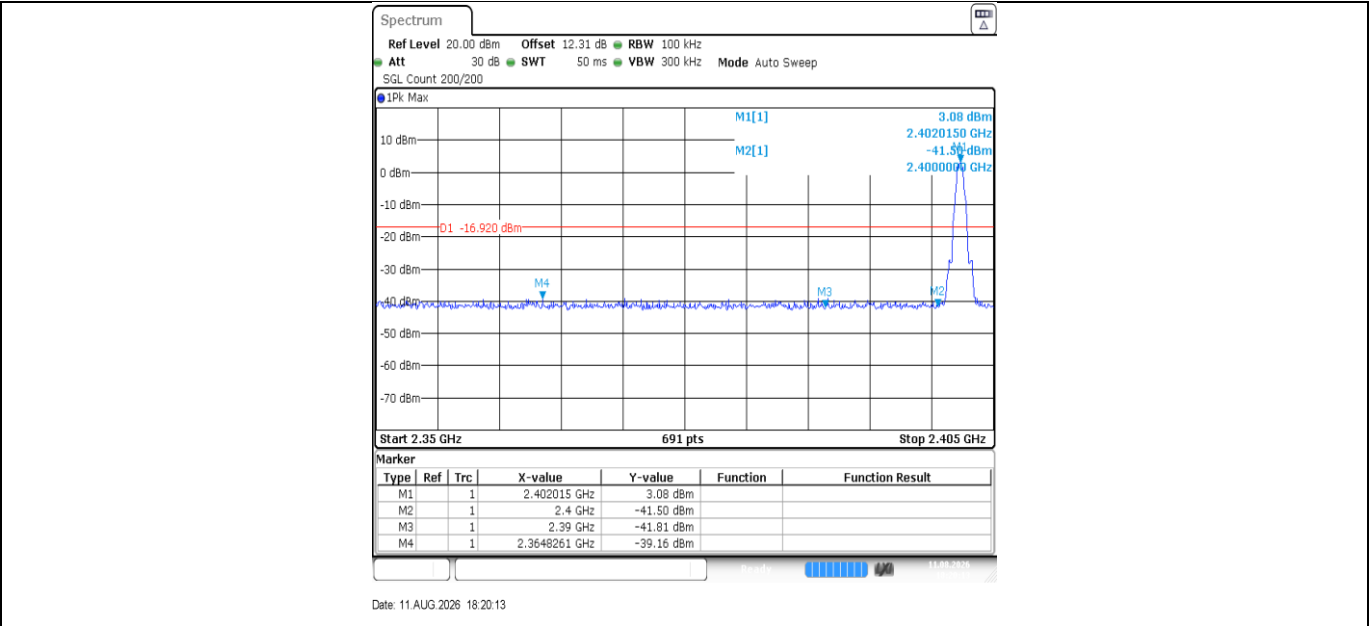
NTNV-BLE_1M-2440



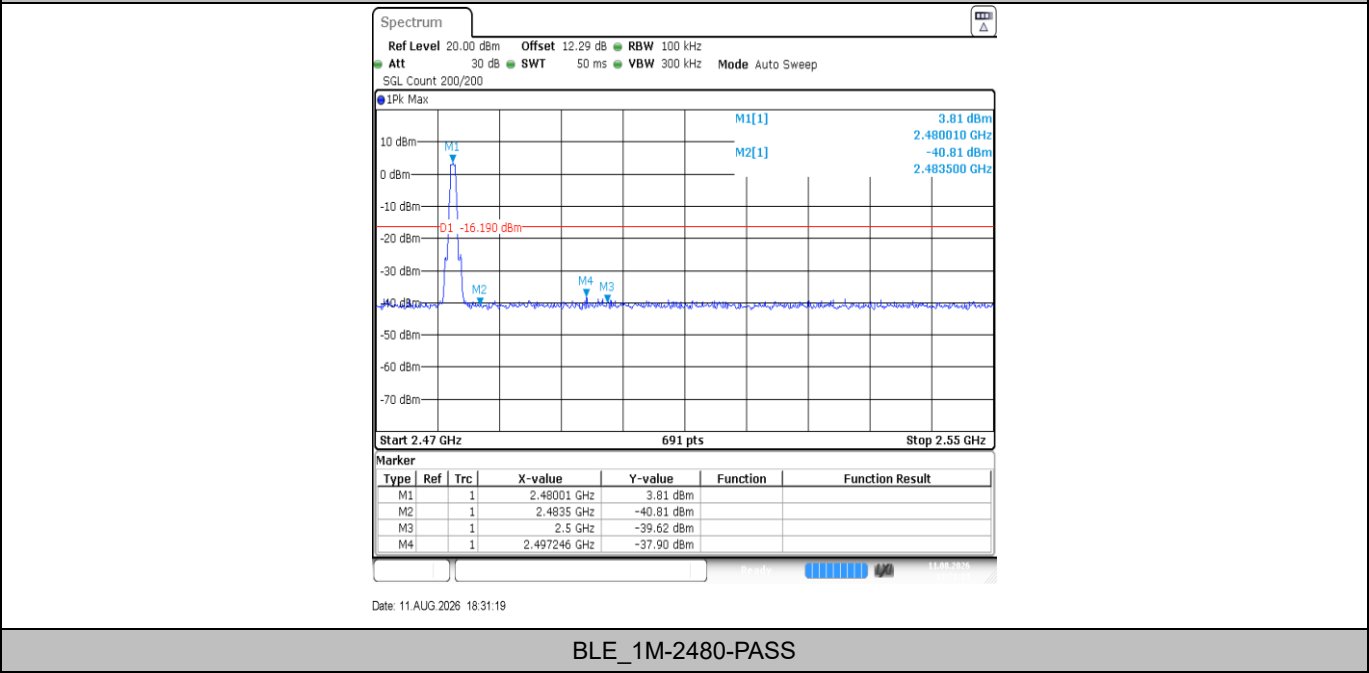
NTNV-BLE_1M-2480

Appendix F: Band edge and Spurious Emission(Conducted)

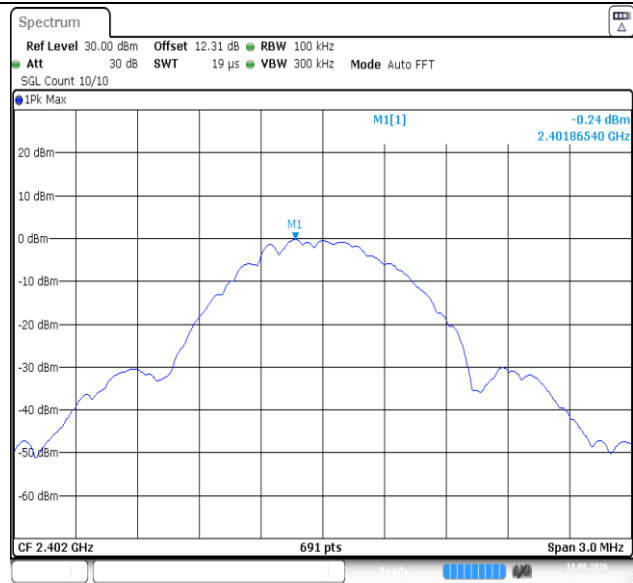
Test Graphs



BLE_1M-2402-PASS

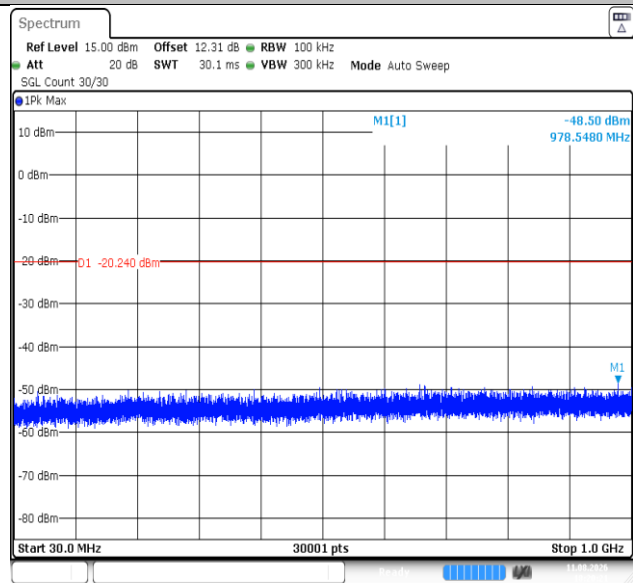


BLE_1M-2480-PASS



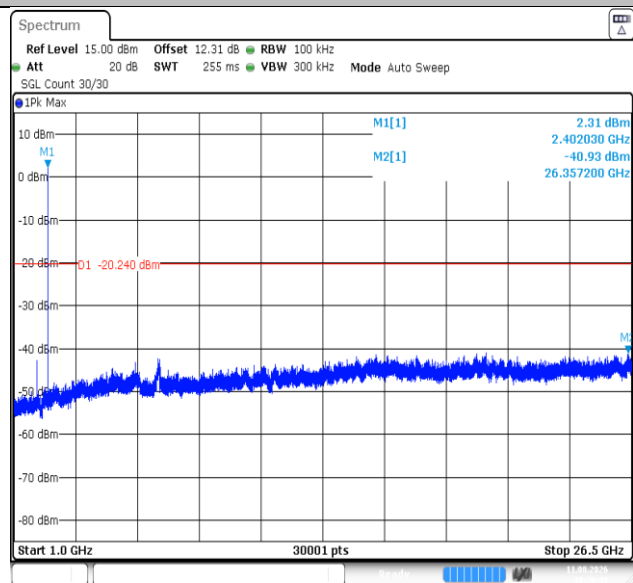
Date: 11 AUG 2026 18:20:16

BLE_1M-2402-0~Reference-PASS



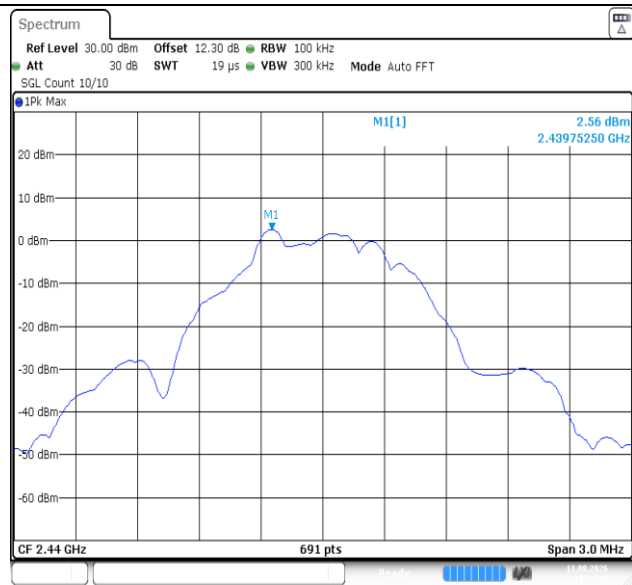
Date: 11 AUG 2026 18:20:21

BLE_1M-2402-30~1000-PASS



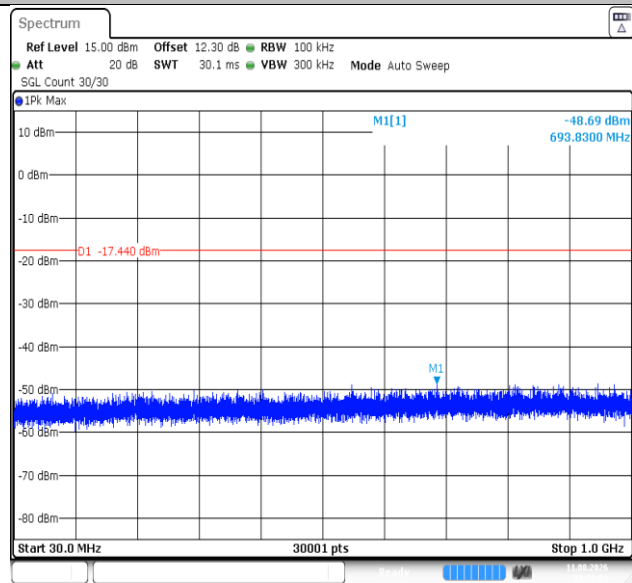
Date: 11 AUG 2026 18:20:49

BLE_1M-2402-1000~26500-PASS



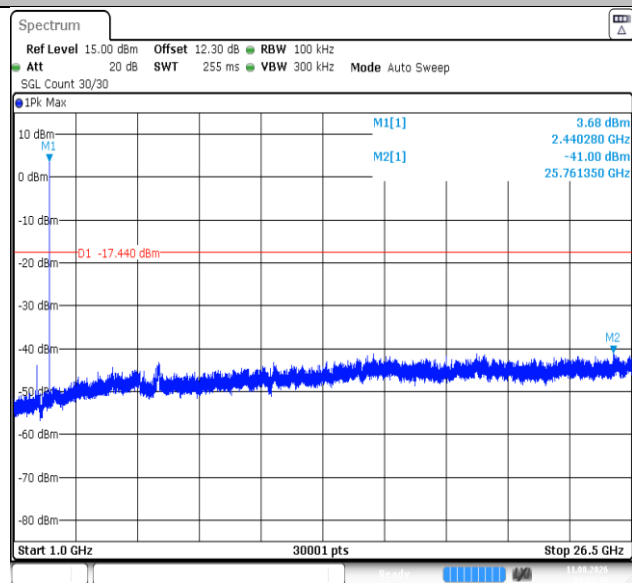
Date: 11 AUG 2026 18:21:57

BLE_1M-2440-0~Reference-PASS



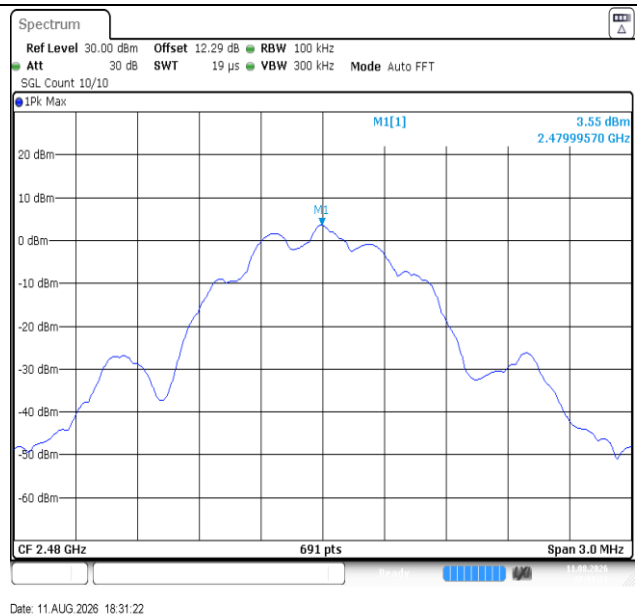
Date: 11 AUG 2026 18:22:03

BLE_1M-2440-30~1000-PASS

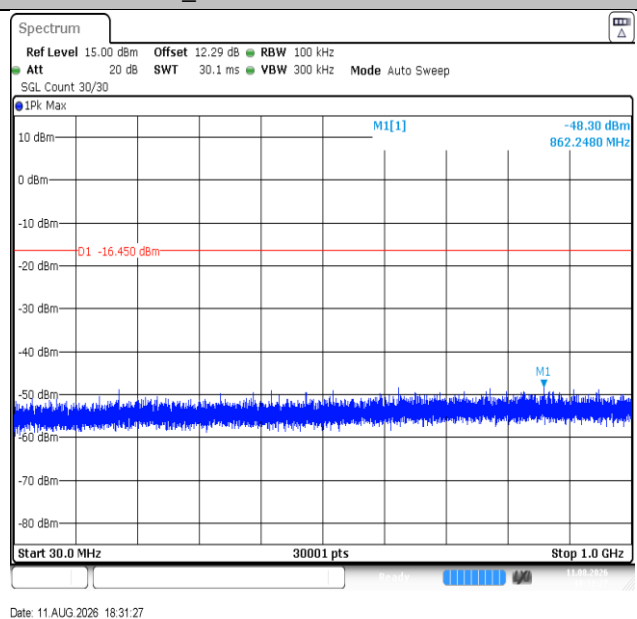


Date: 11 AUG 2026 18:22:30

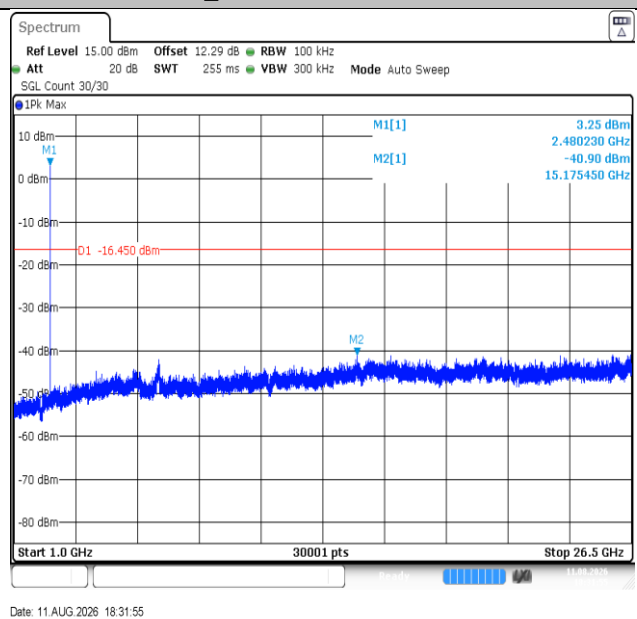
BLE_1M-2440-1000~26500-PASS



BLE_1M-2480-0~Reference-PASS



BLE_1M-2480-30~1000-PASS



BLE_1M-2480-1000~26500-PASS

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