

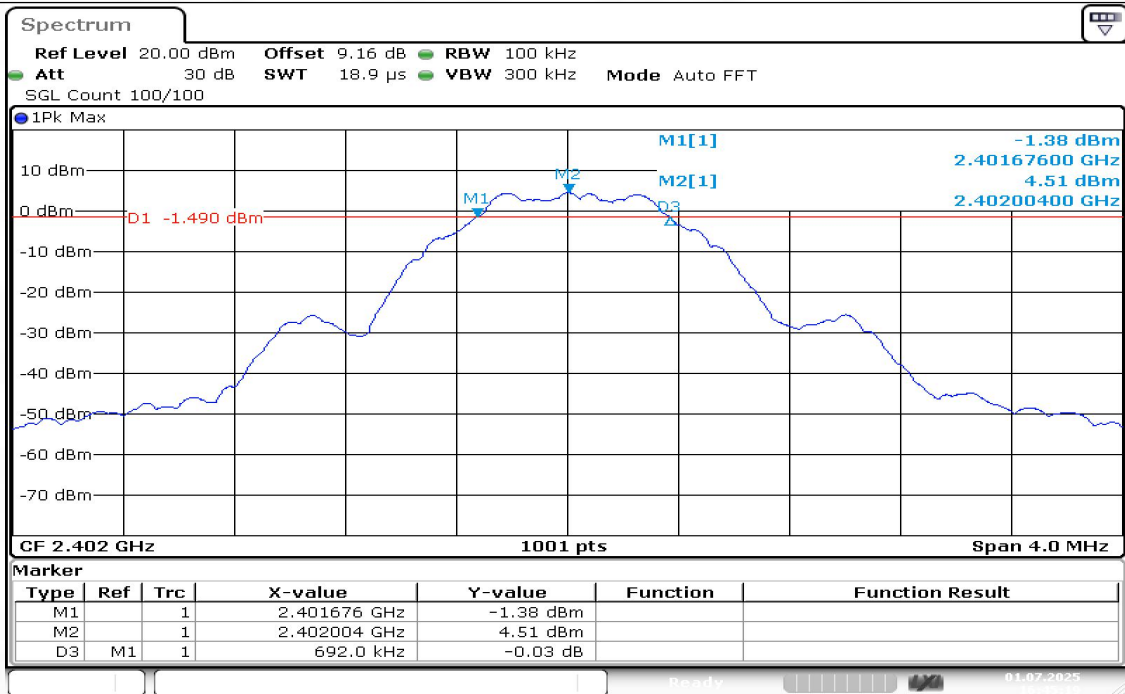
Appendix - BLE

1.1 Appendix A: DTS Bandwidth

1.1.1 Test Result

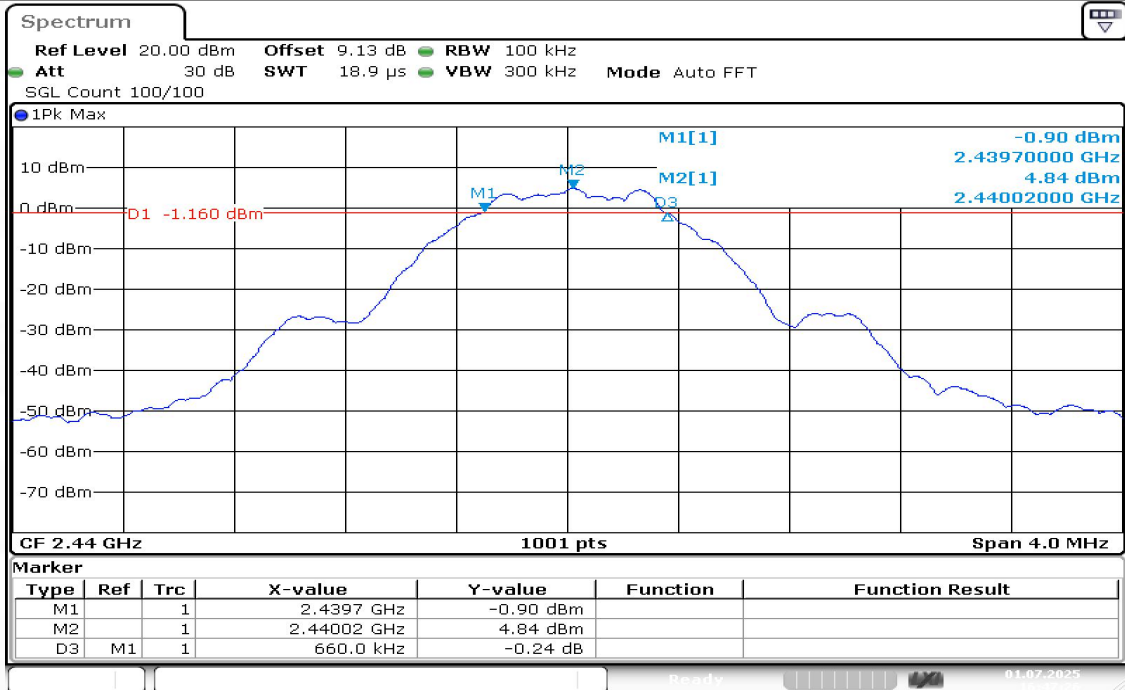
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	2401.68	2402.37	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.70	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.70	2480.34	0.5	PASS
BLE_2M	Ant1	2402	0.80	2401.62	2402.42	0.5	PASS
BLE_2M	Ant1	2440	1.12	2439.46	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.06	2479.46	2480.53	0.5	PASS

1.1.2 Test Graphs



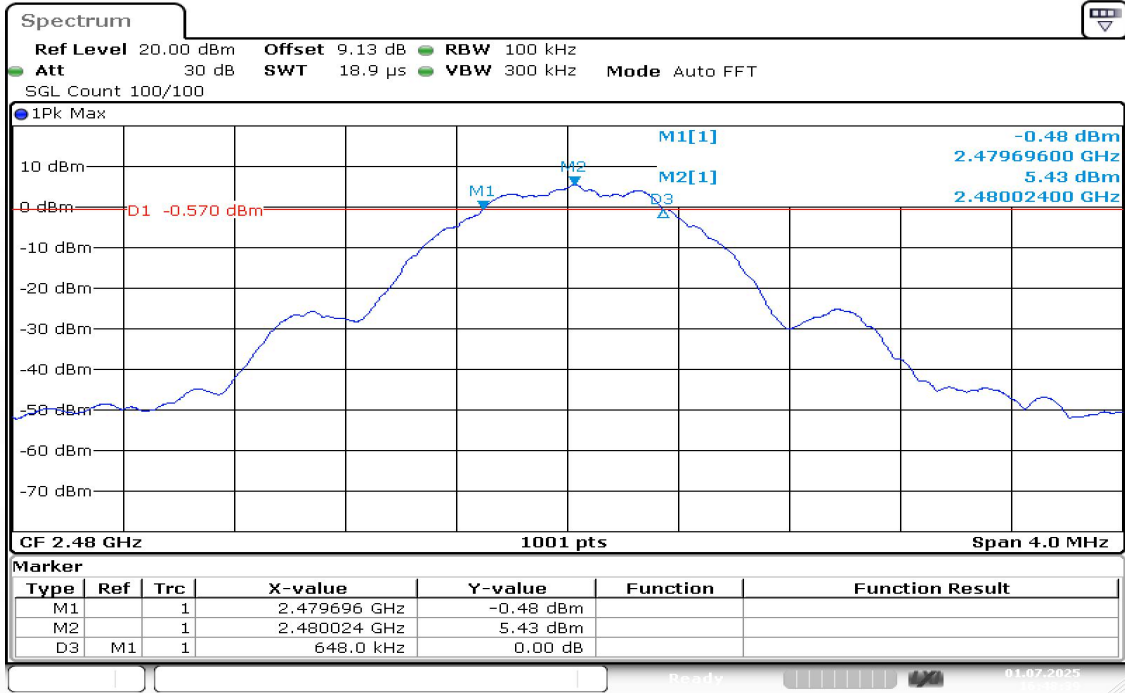
Date: 1.JUL.2025 16:45:19

BLE_1M-Ant1-2402-PASS



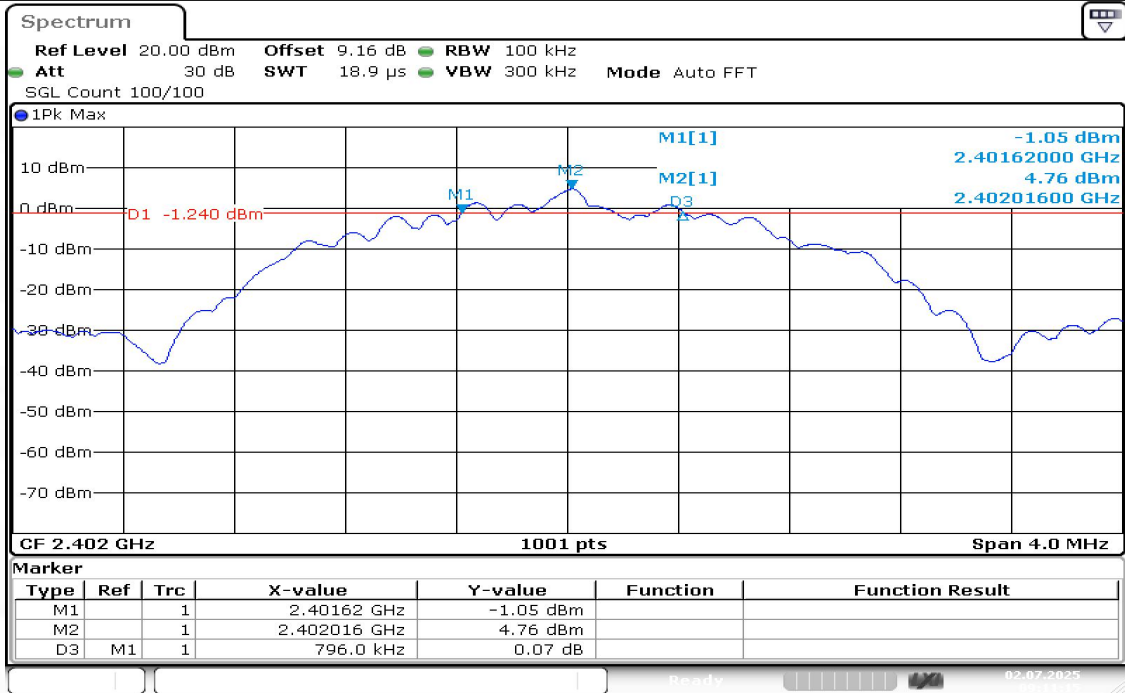
Date: 1.JUL.2025 16:47:26

BLE_1M-Ant1-2440-PASS



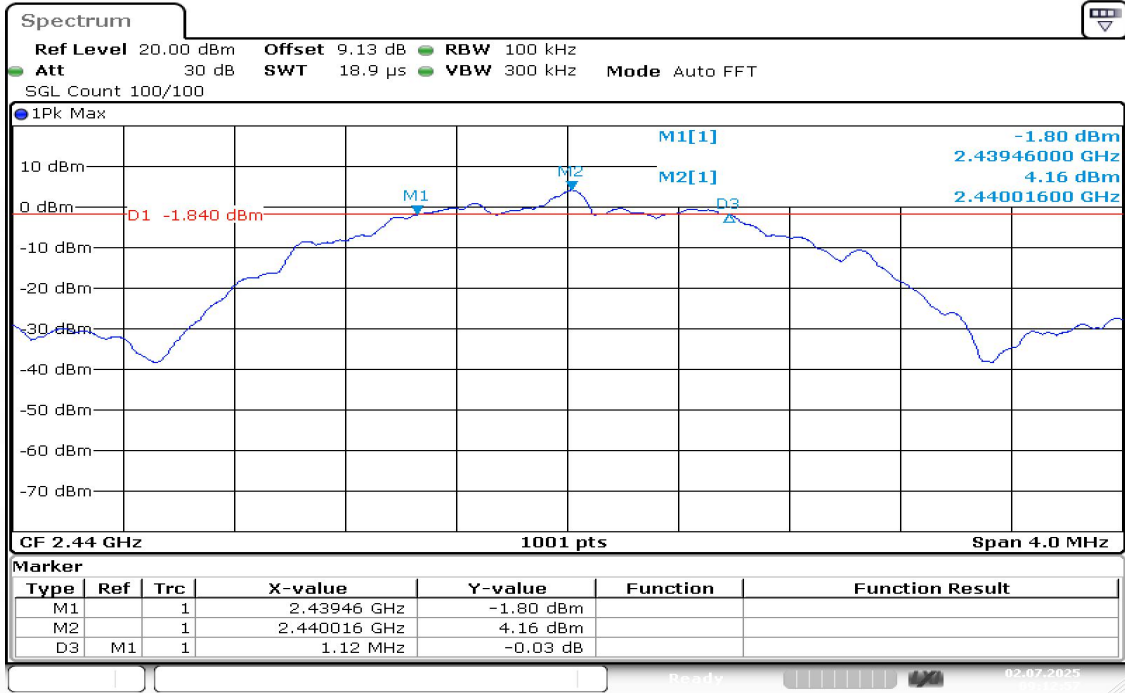
Date: 1.JUL.2025 16:48:39

BLE_1M-Ant1-2480-PASS



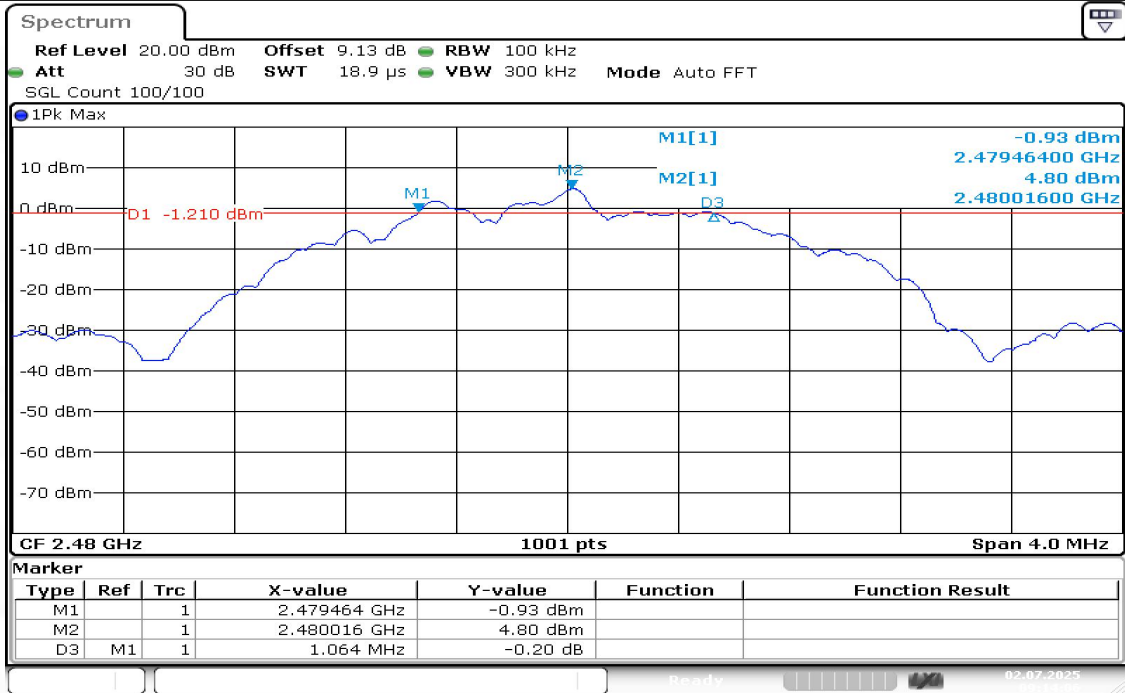
Date: 2.JUL.2025 09:11:15

BLE_2M-Ant1-2402-PASS



Date: 2.JUL.2025 09:12:57

BLE 2M-Ant1-2440-PASS



Date: 2.JUL.2025 09:14:06

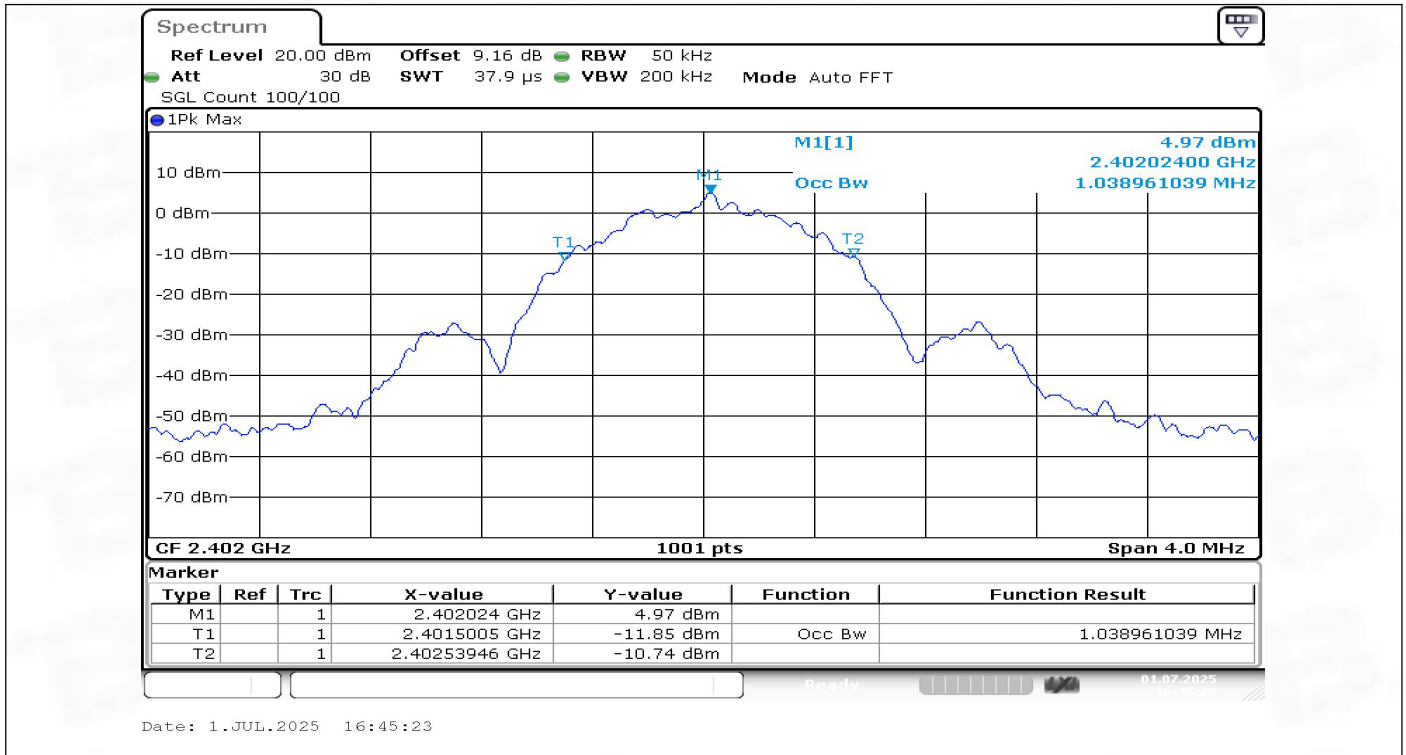
BLE 2M-Ant1-2480-PASS

1.2 Appendix B: Occupied Channel Bandwidth

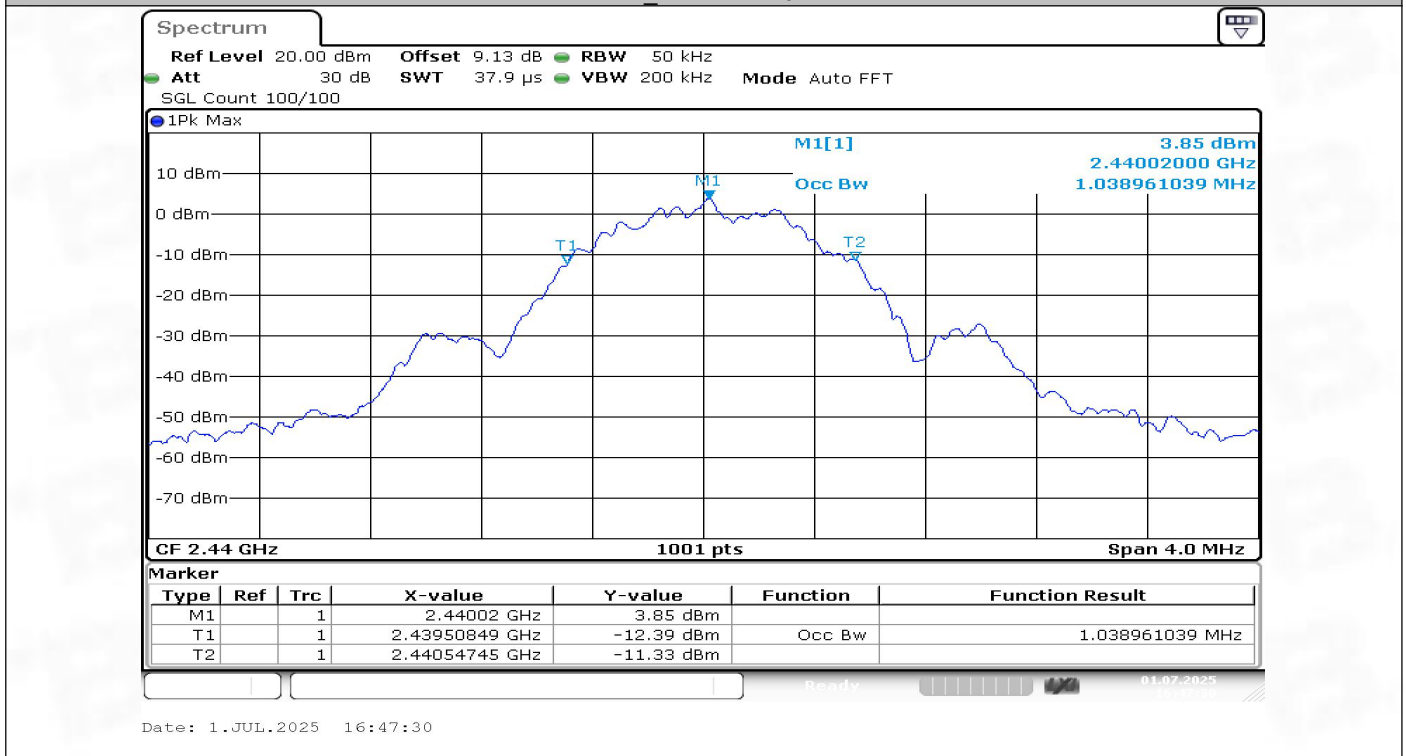
1.2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0390	2401.5005	2402.5395	---	---
BLE_1M	Ant1	2440	1.0390	2439.5085	2440.5475	---	---
BLE_1M	Ant1	2480	1.0390	2479.5045	2480.5435	---	---
BLE_2M	Ant1	2402	2.0460	2401.0170	2403.0629	---	---
BLE_2M	Ant1	2440	2.0539	2439.0090	2441.0629	---	---
BLE_2M	Ant1	2480	2.0420	2479.0170	2481.0589	---	---

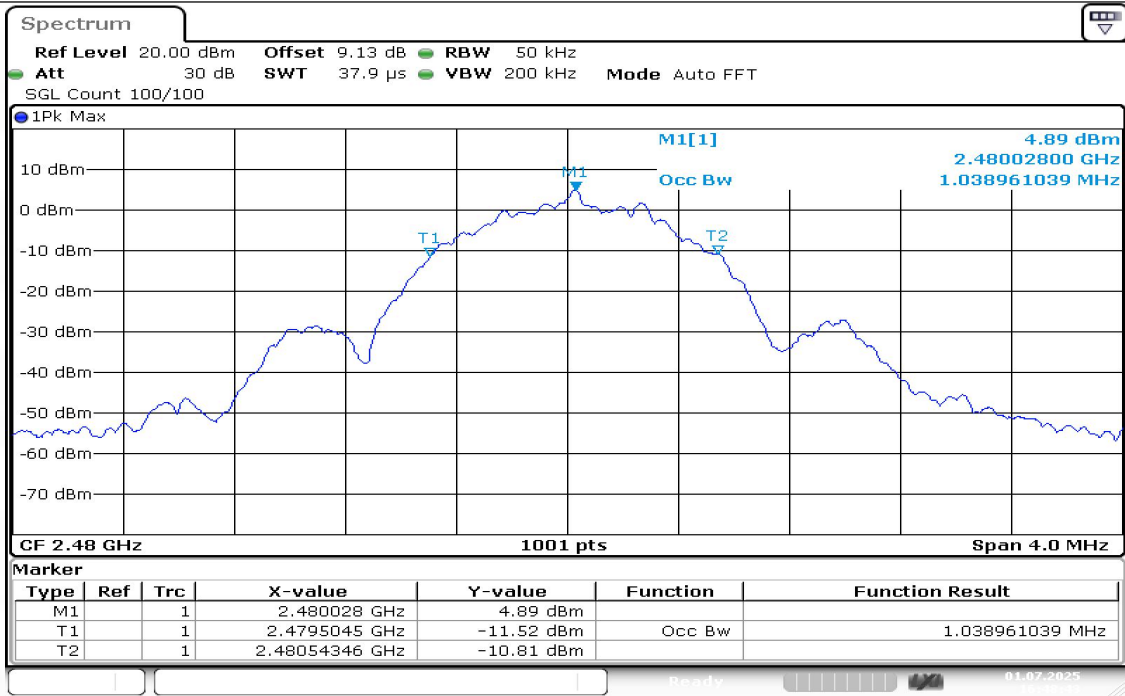
1.2.2 Test Graphs



BLE_1M-Ant1-2402

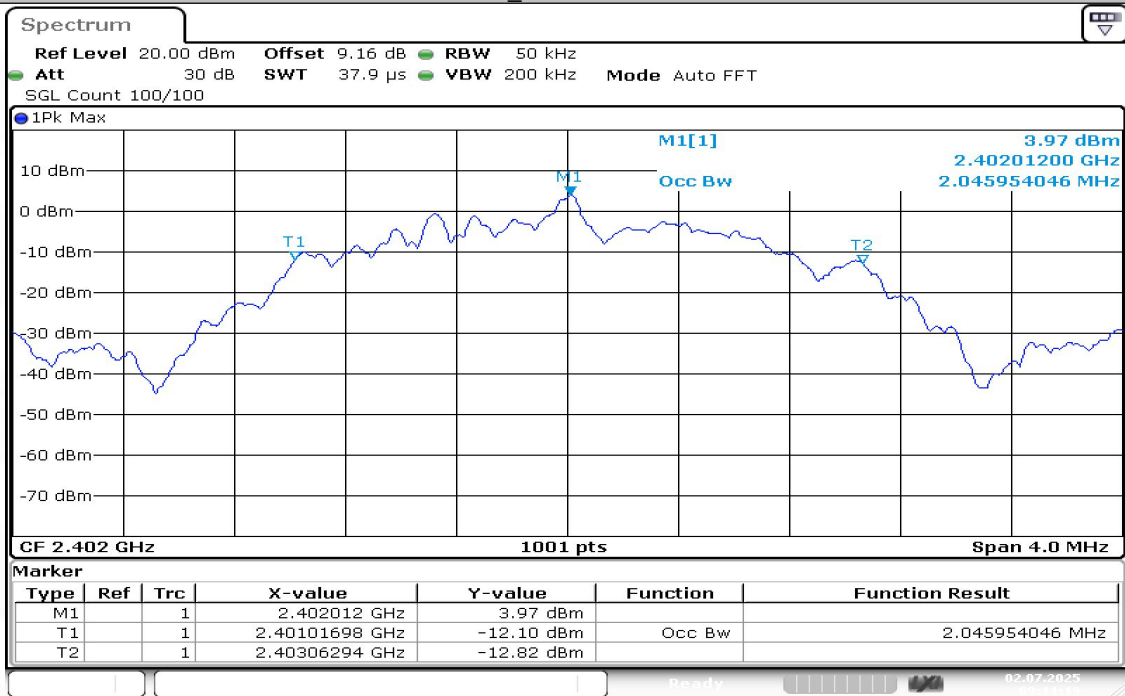


BLE_1M-Ant1-2440



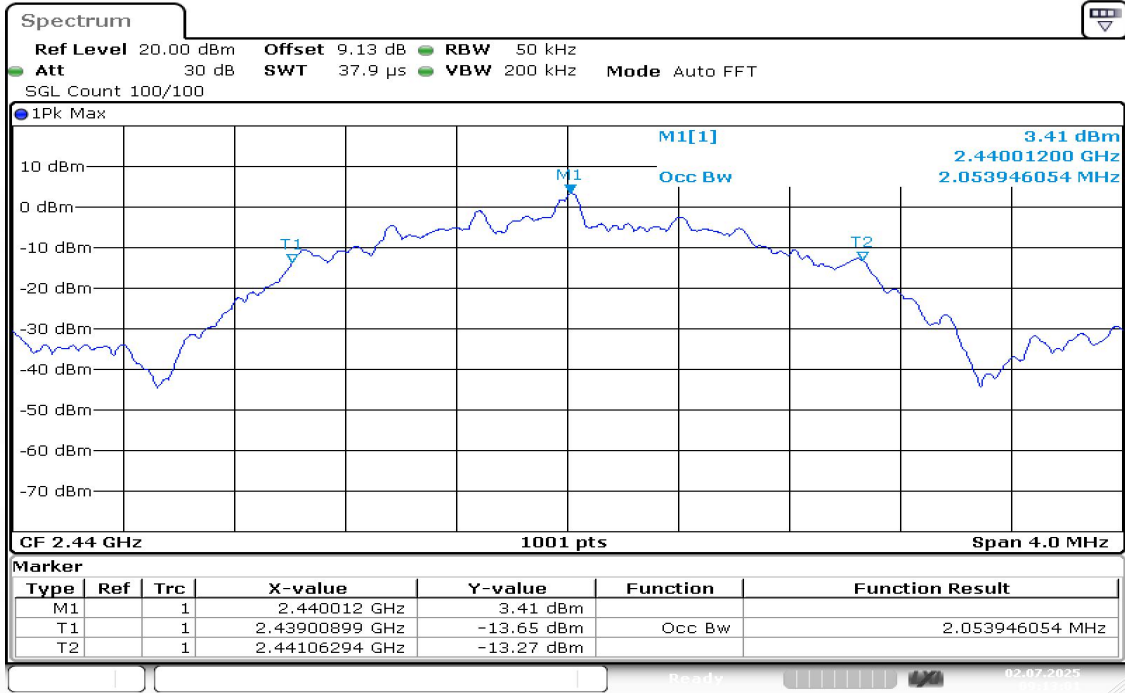
Date: 1.JUL.2025 16:48:44

BLE_1M-Ant1-2480



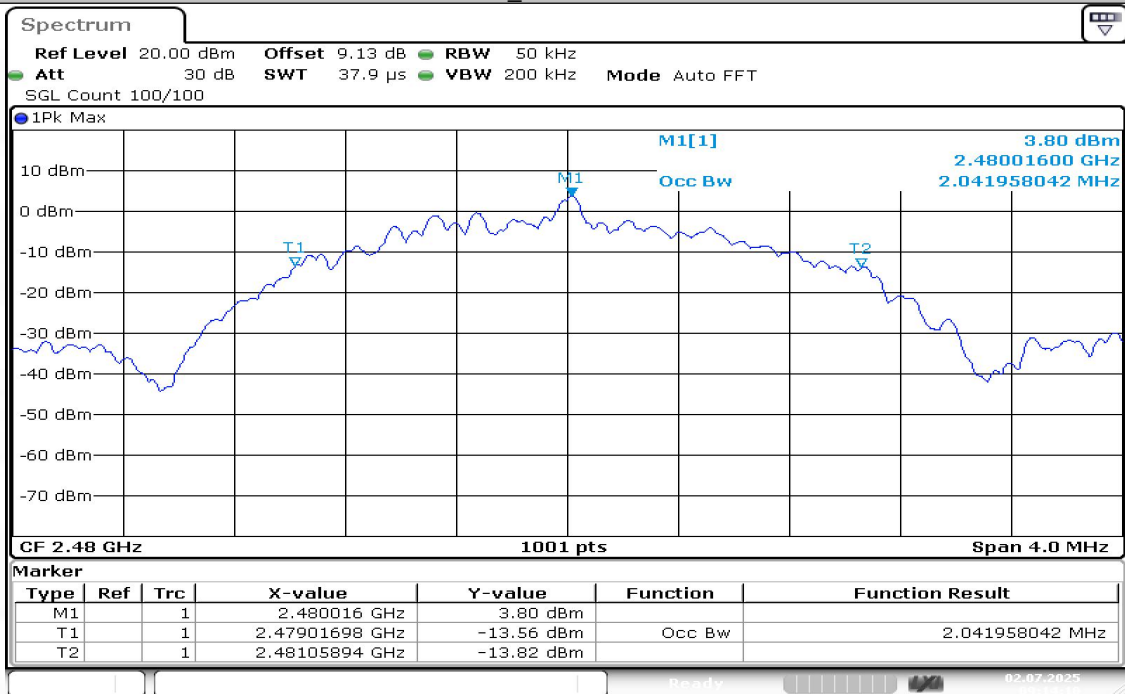
Date: 2.JUL.2025 09:11:20

BLE_2M-Ant1-2402



Date: 2.JUL.2025 09:13:01

BLE_2M-Ant1-2440



Date: 2.JUL.2025 09:14:11

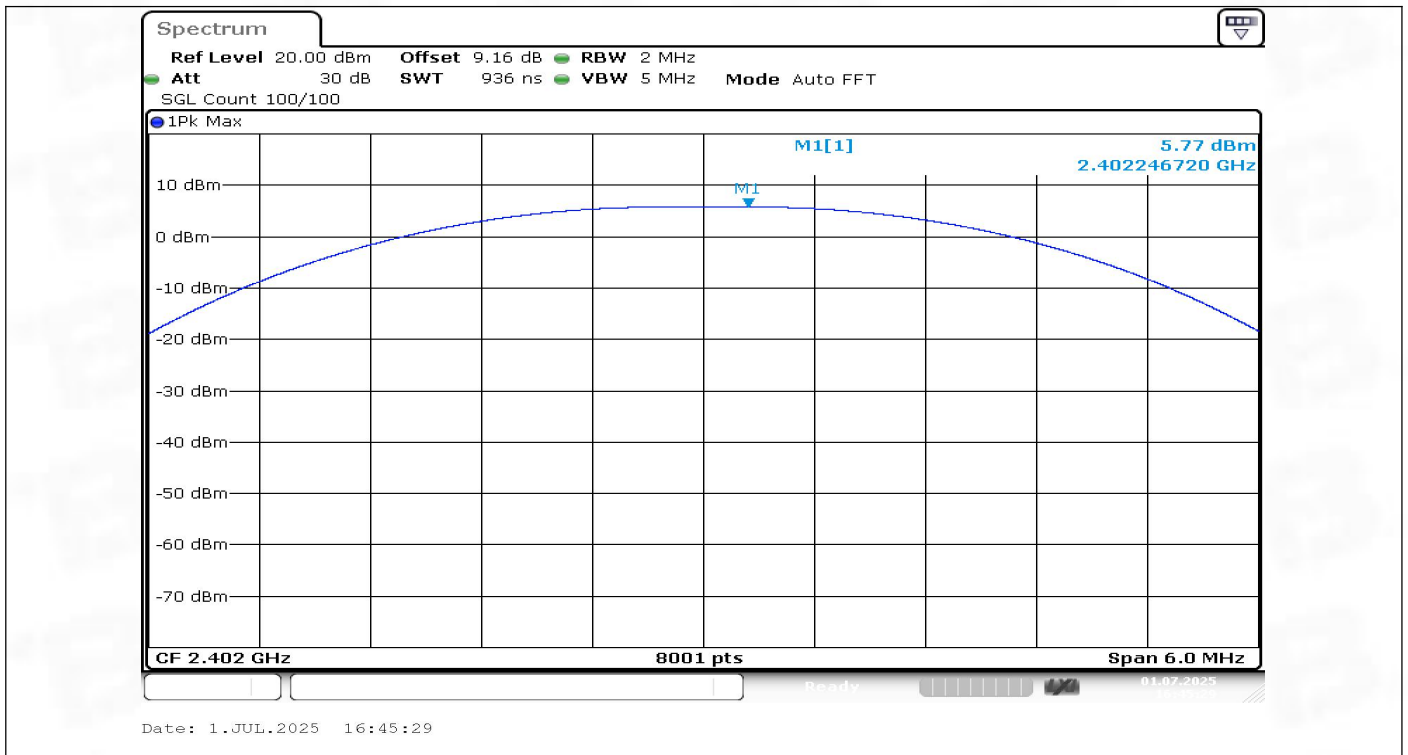
BLE_2M-Ant1-2480

1.3 Appendix C: Maximum conducted output power

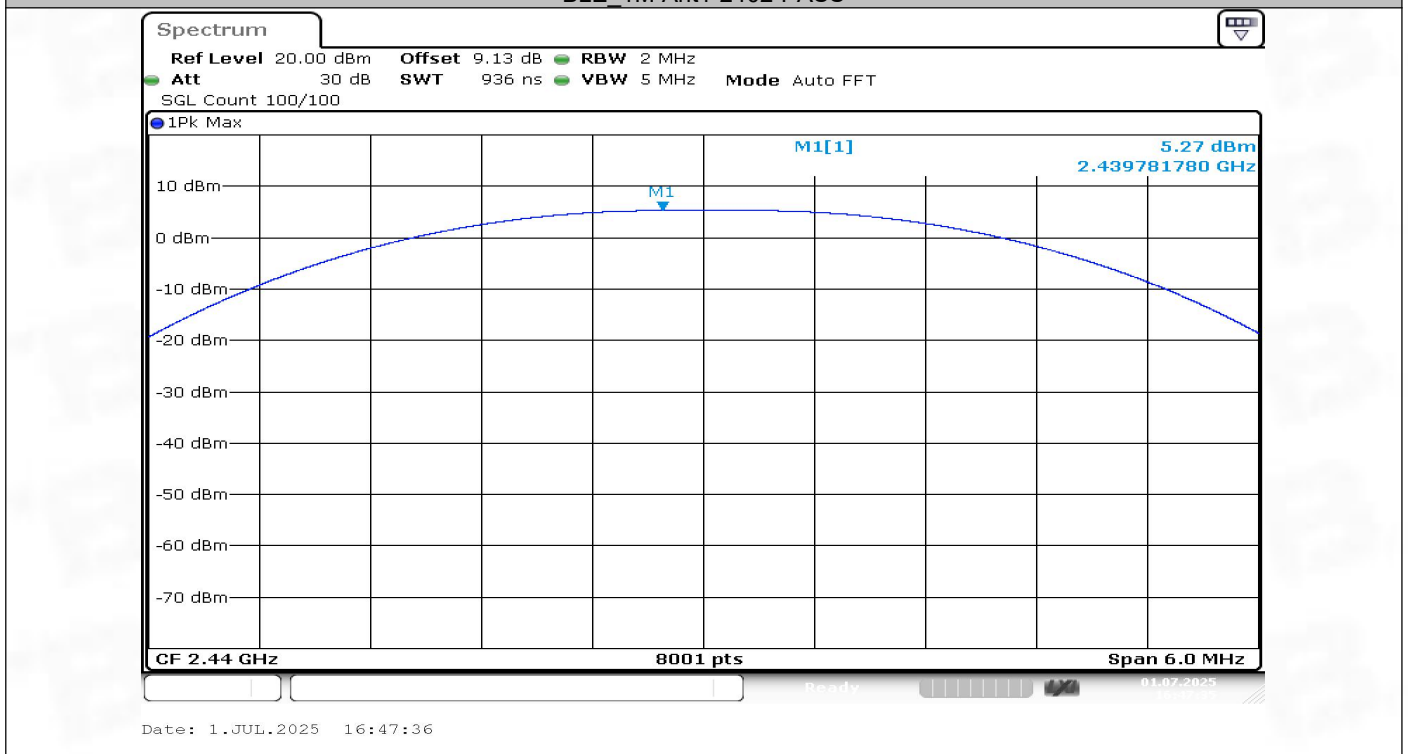
1.3.1 Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	5.77	≤30	PASS
BLE_1M	Ant1	2440	5.27	≤30	PASS
BLE_1M	Ant1	2480	5.74	≤30	PASS
BLE_2M	Ant1	2402	5.21	≤30	PASS
BLE_2M	Ant1	2440	4.69	≤30	PASS
BLE_2M	Ant1	2480	5.15	≤30	PASS

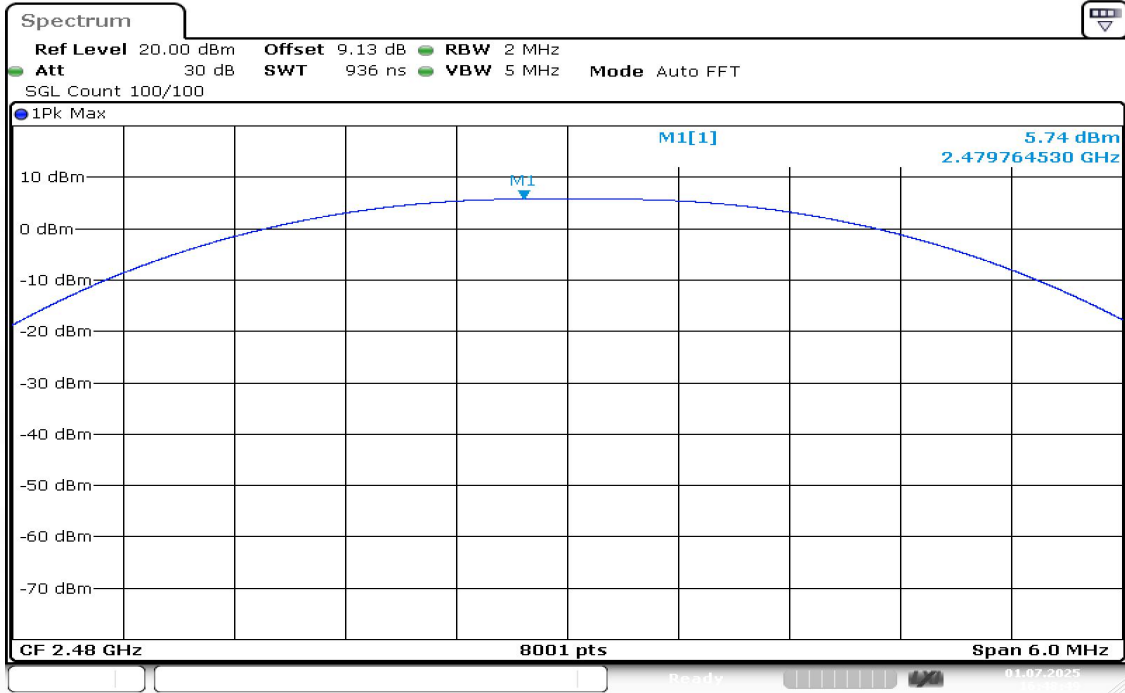
1.3.2 Test Graphs Peak



BLE_1M-Ant1-2402-PASS

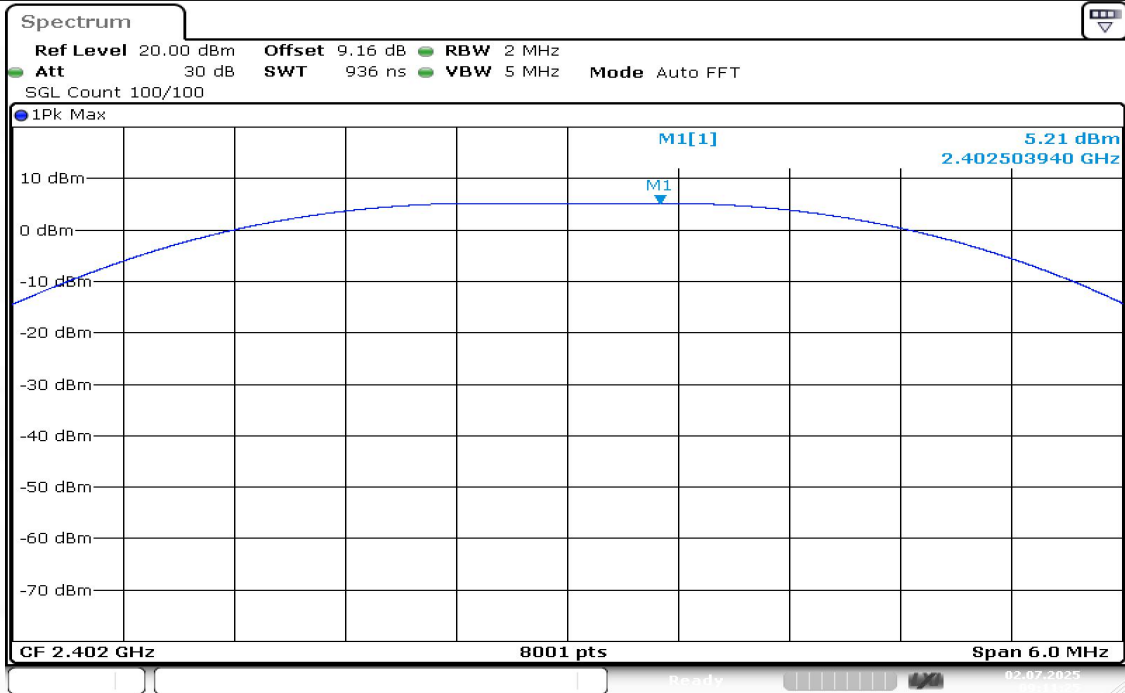


BLE_1M-Ant1-2440-PASS



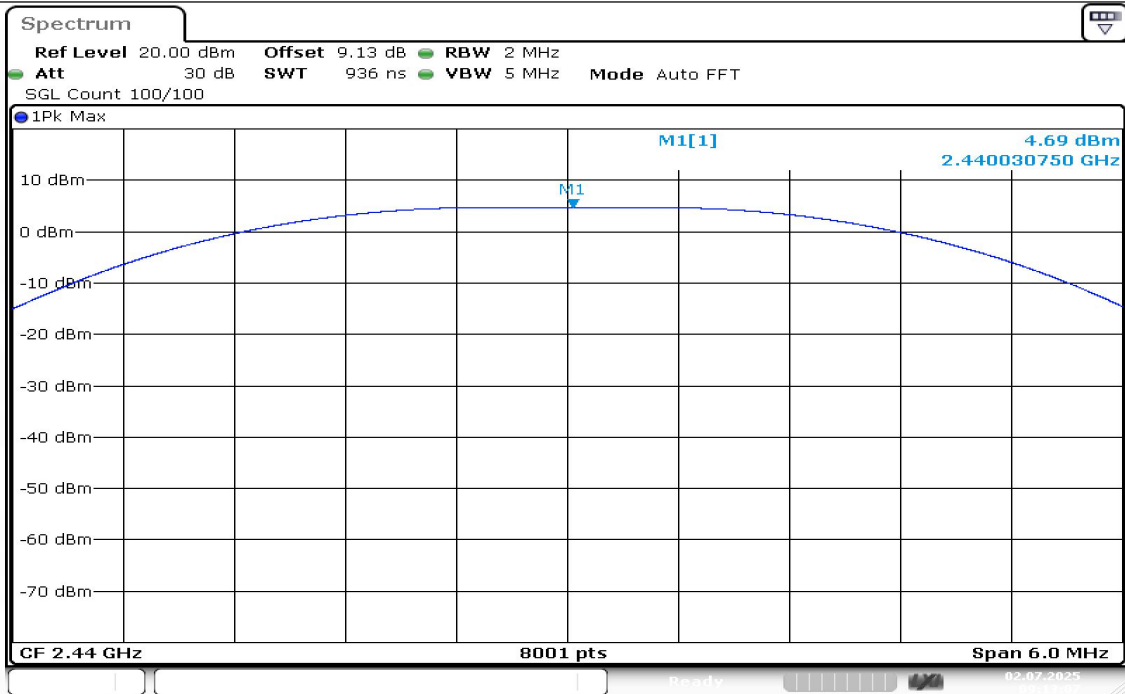
Date: 1.JUL.2025 16:48:49

BLE_1M-Ant1-2480-PASS



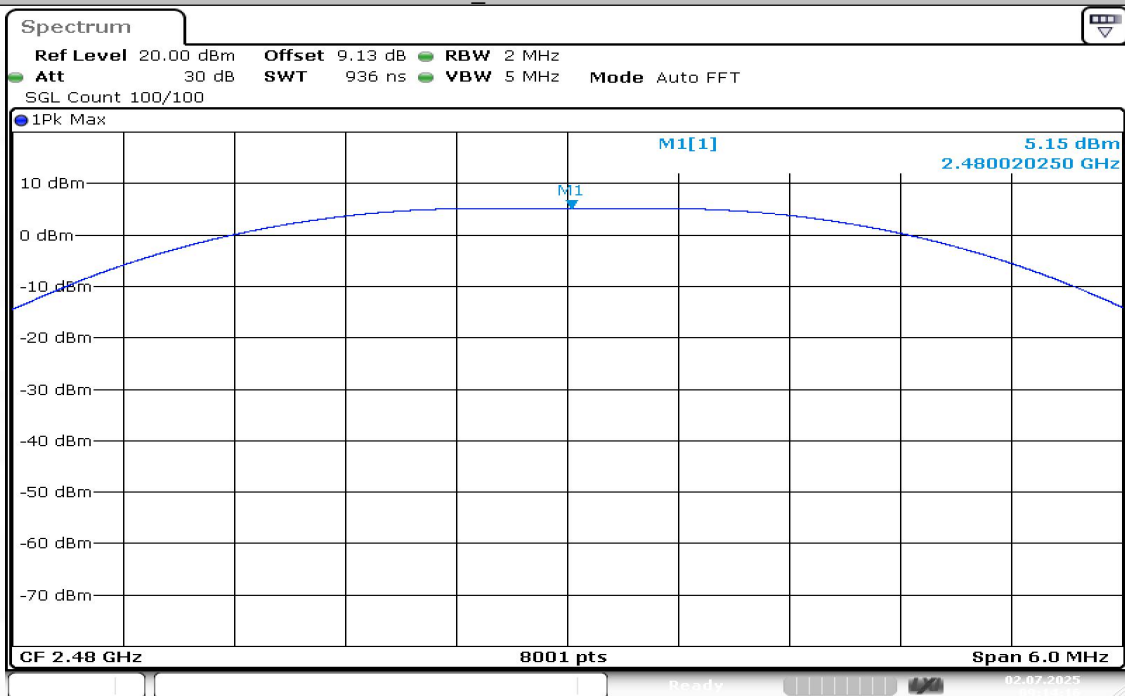
Date: 2.JUL.2025 09:11:25

BLE_2M-Ant1-2402-PASS



Date: 2.JUL.2025 09:13:07

BLE_2M-Ant1-2440-PASS



Date: 2.JUL.2025 09:14:16

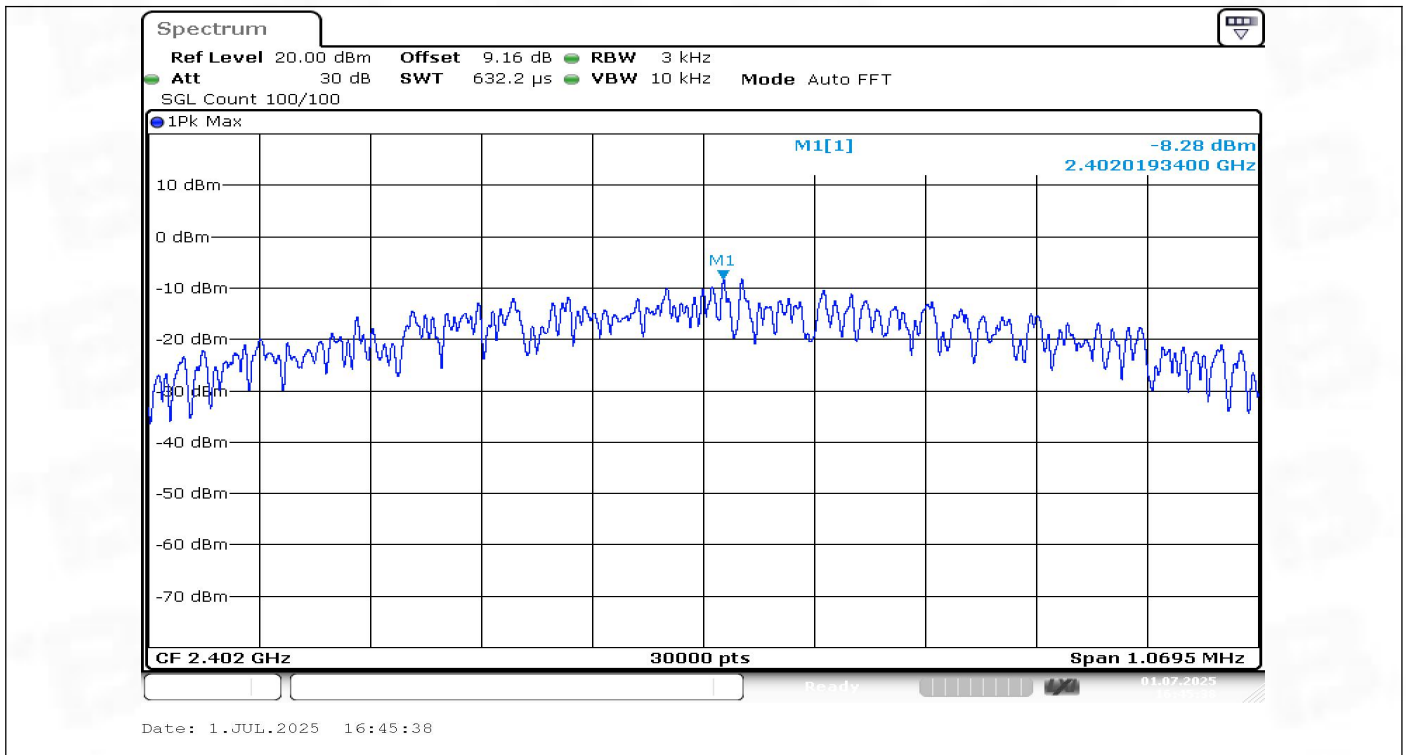
BLE_2M-Ant1-2480-PASS

1.4 Appendix D: Maximum power spectral density

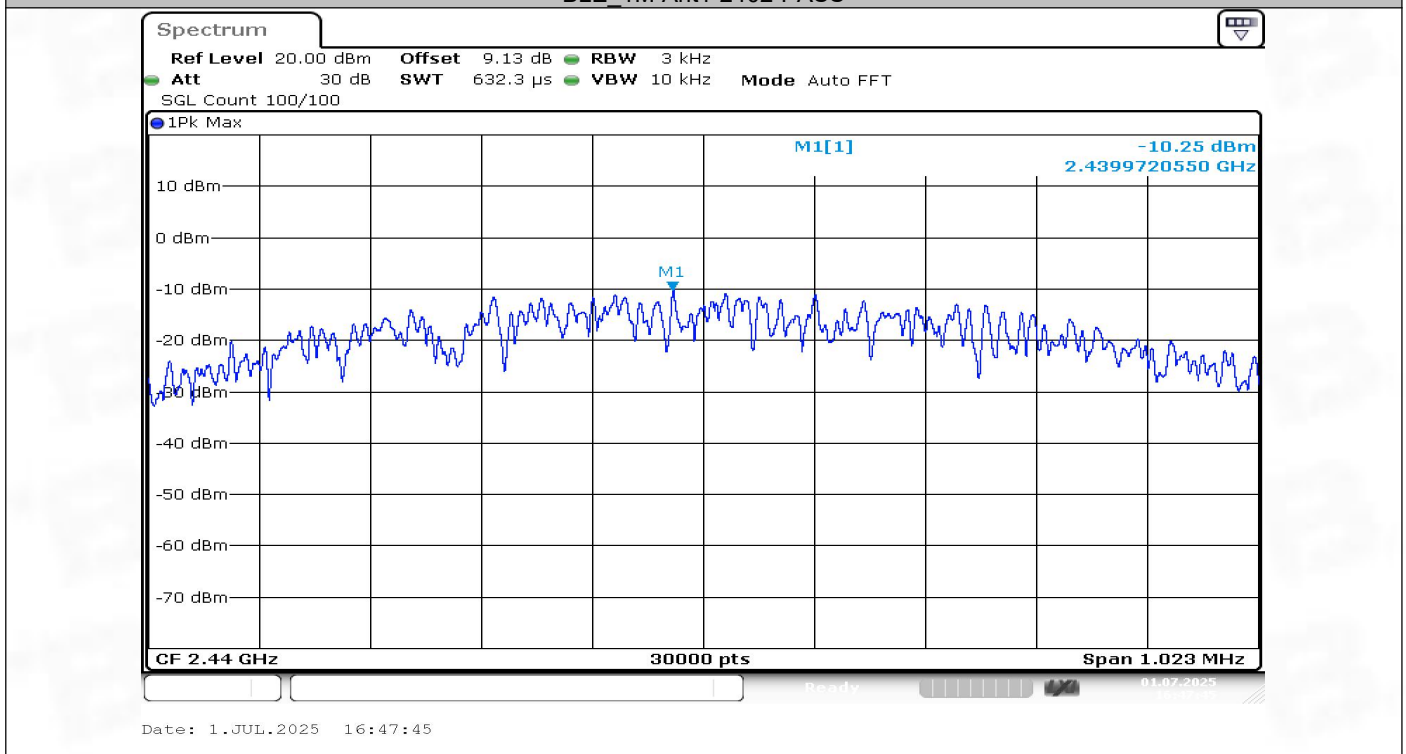
1.4.1 Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.28	≤8.00	PASS
BLE_1M	Ant1	2440	-10.25	≤8.00	PASS
BLE_1M	Ant1	2480	-9.65	≤8.00	PASS
BLE_2M	Ant1	2402	-11.68	≤8.00	PASS
BLE_2M	Ant1	2440	-11.84	≤8.00	PASS
BLE_2M	Ant1	2480	-11.05	≤8.00	PASS

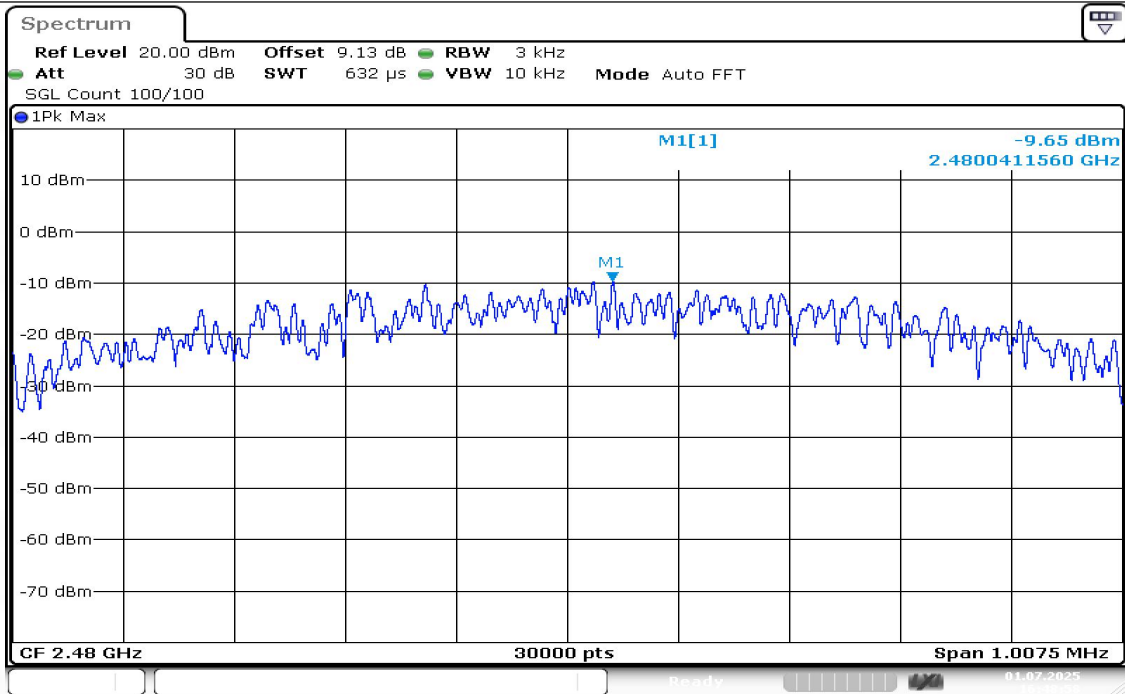
1.4.2 Test Graphs



BLE_1M-Ant1-2402-PASS

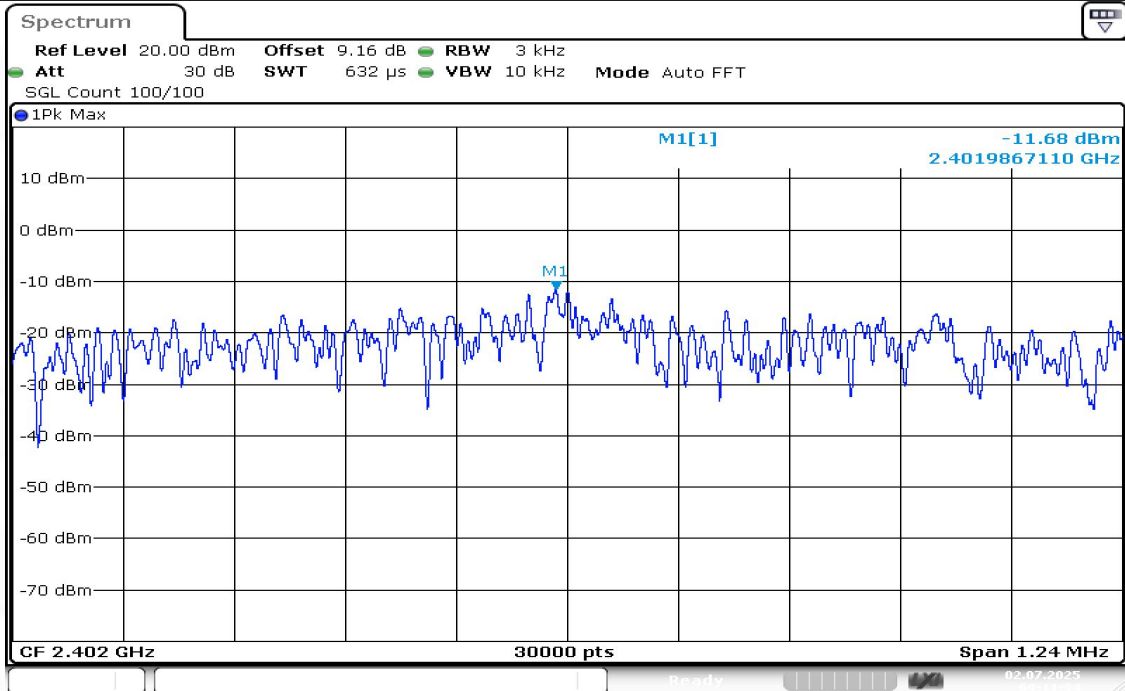


BLE_1M-Ant1-2440-PASS



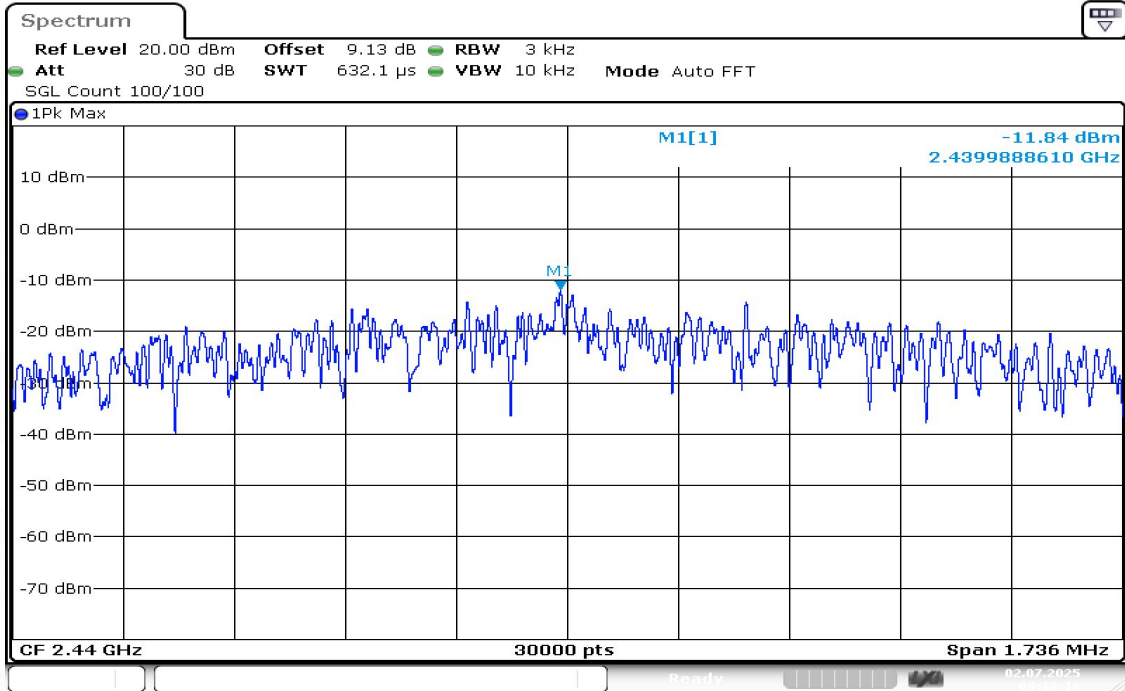
Date: 1.JUL.2025 16:48:58

BLE_1M-Ant1-2480-PASS

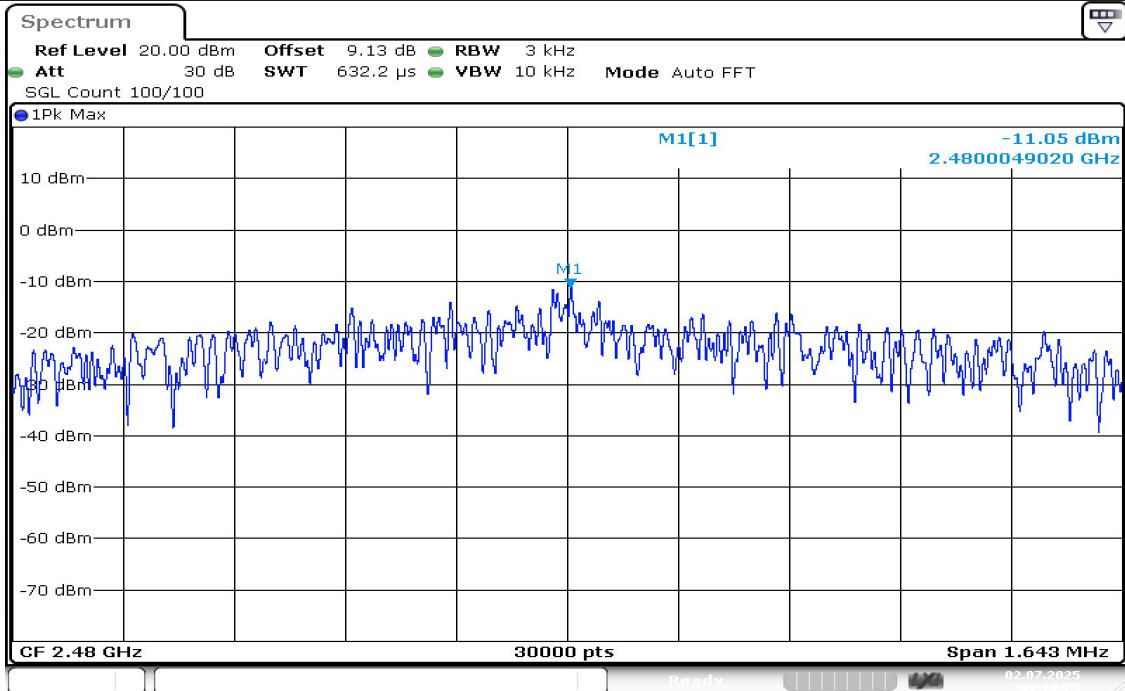


Date: 2.JUL.2025 09:11:34

BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



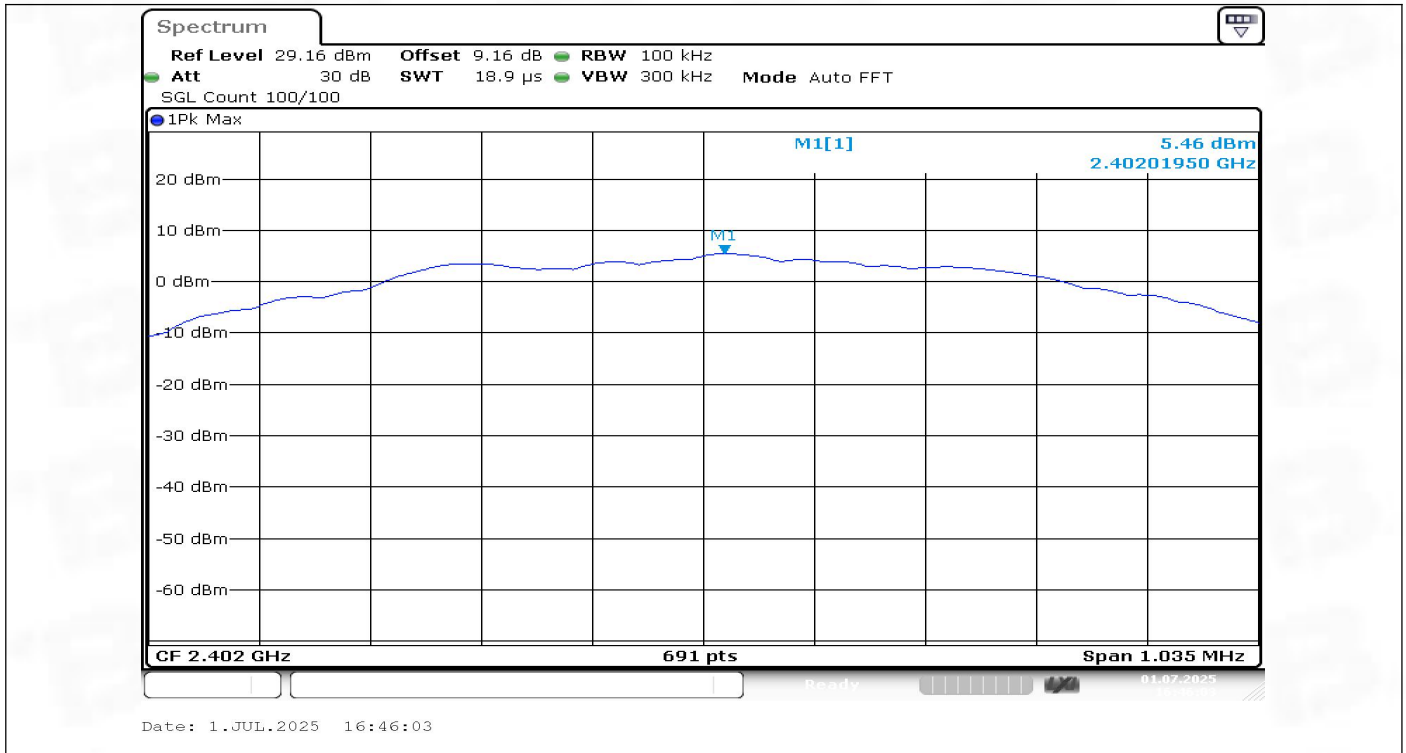
BLE_2M-Ant1-2480-PASS

1.5 Appendix E: Reference level measurement

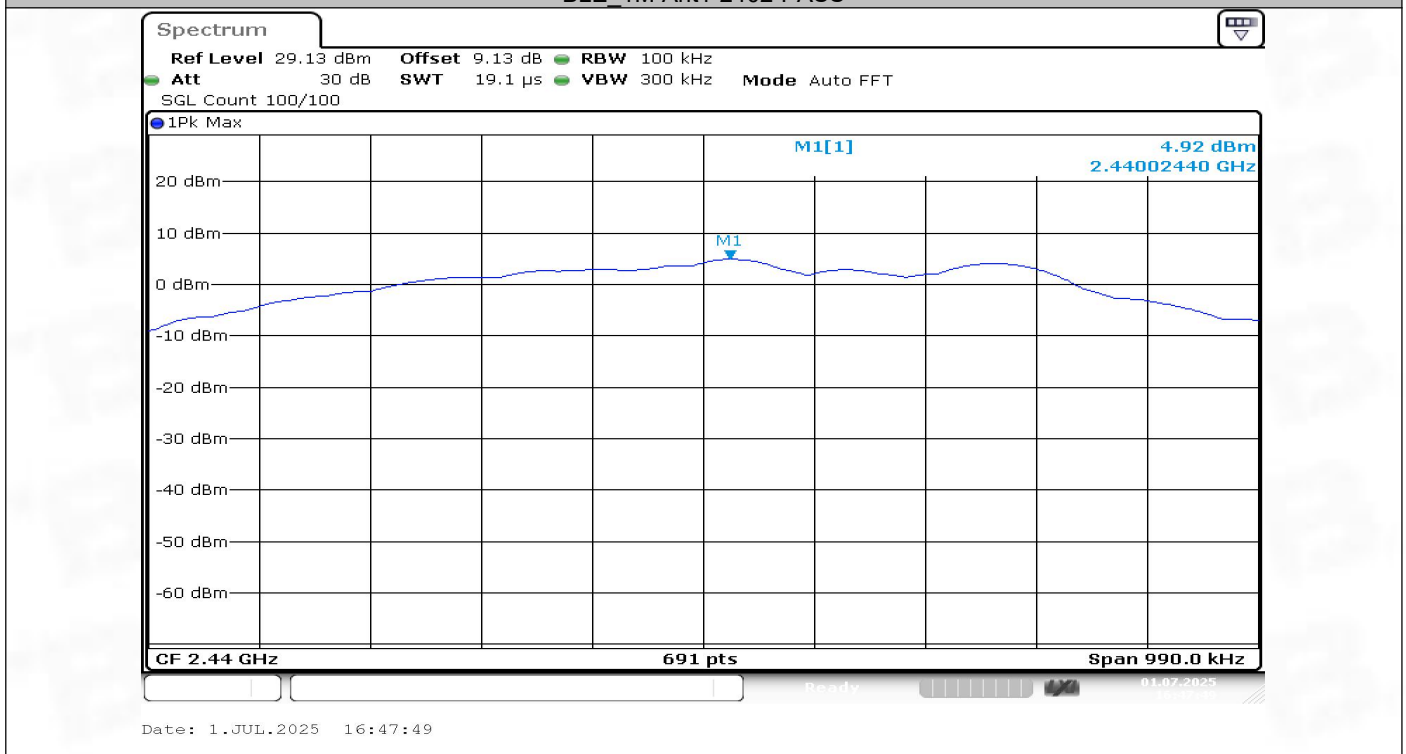
1.5.1 Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.02	5.46
BLE_1M	Ant1	2440	2440.02	4.92
BLE_1M	Ant1	2480	2480.02	4.82
BLE_2M	Ant1	2402	2402.02	4.87
BLE_2M	Ant1	2440	2440.01	4.00
BLE_2M	Ant1	2480	2480.02	4.86

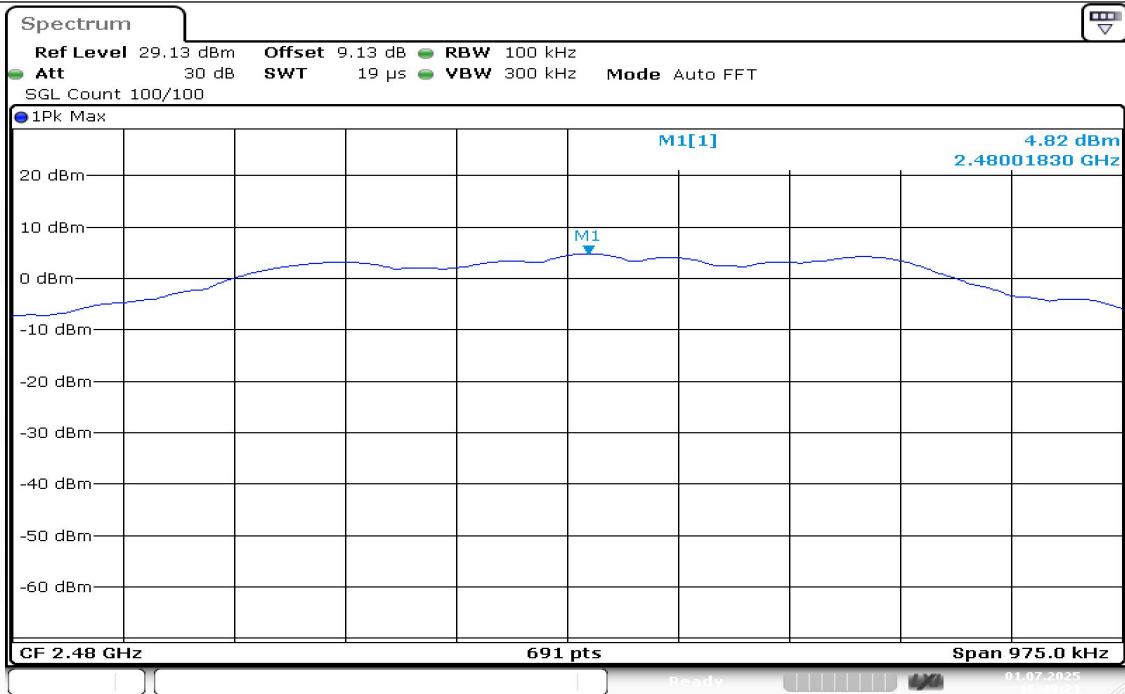
1.5.2 Test Graphs



BLE_1M-Ant1-2402-PASS

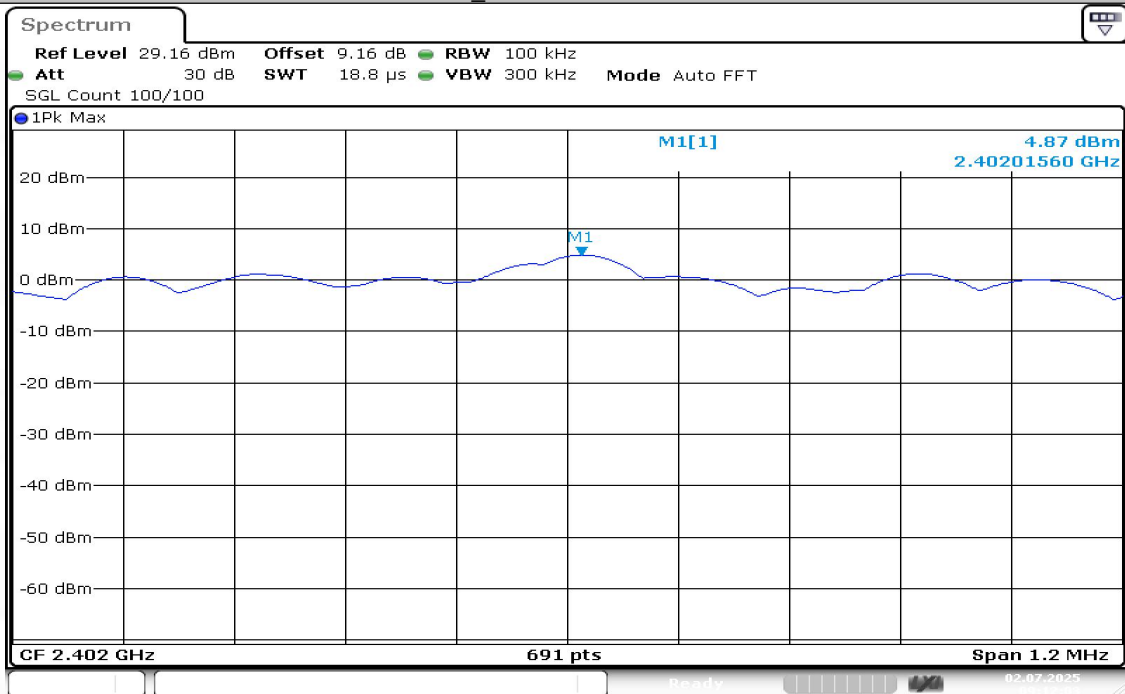


BLE_1M-Ant1-2440-PASS



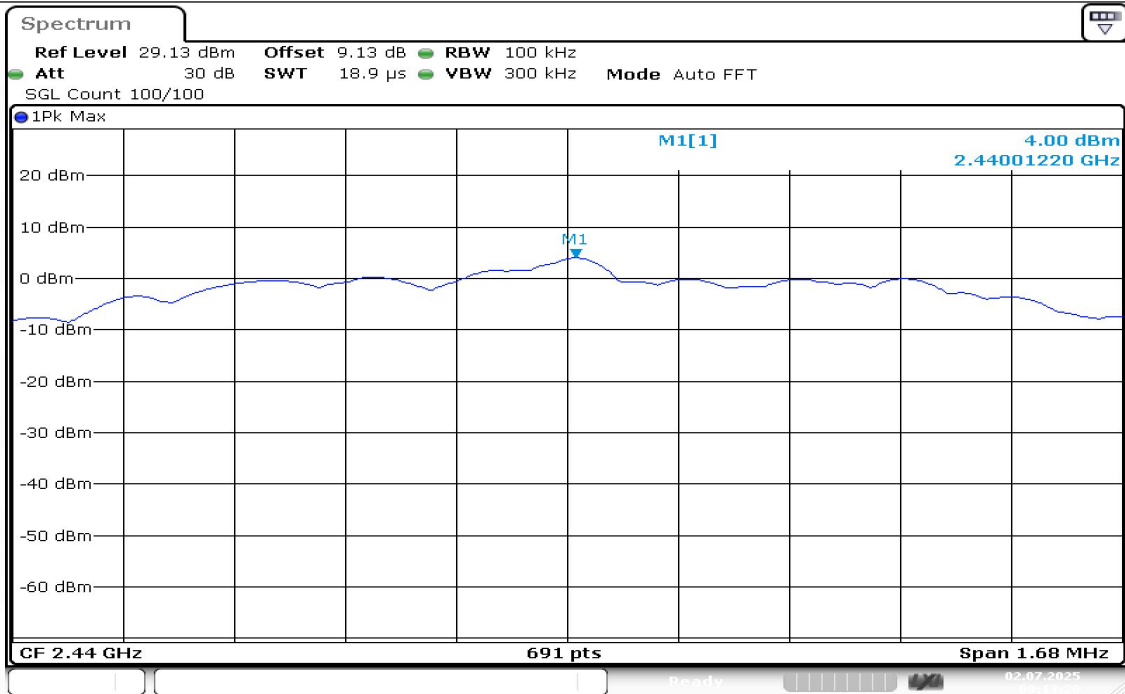
Date: 1.JUL.2025 16:49:21

BLE_1M-Ant1-2480-PASS



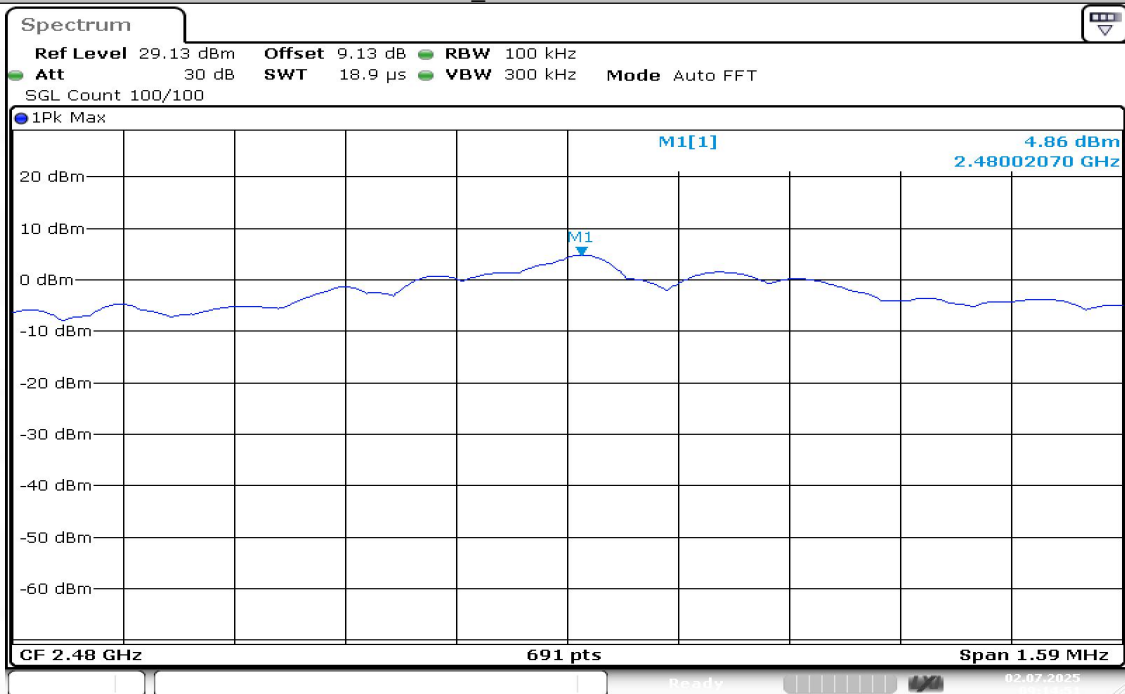
Date: 2.JUL.2025 09:12:03

BLE_2M-Ant1-2402-PASS



Date: 2.JUL.2025 09:13:20

BLE_2M-Ant1-2440-PASS



Date: 2.JUL.2025 09:14:51

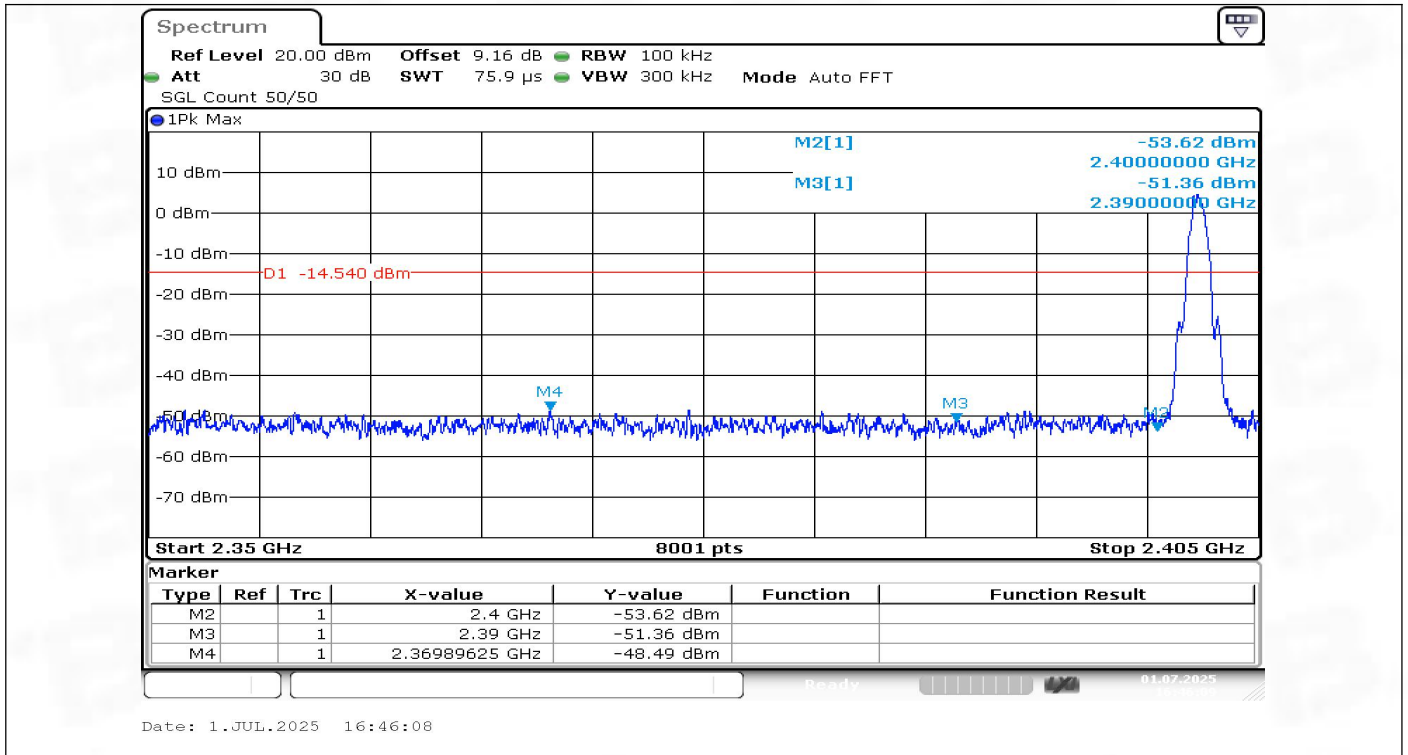
BLE_2M-Ant1-2480-PASS

1.6 Appendix F: Band edge measurements

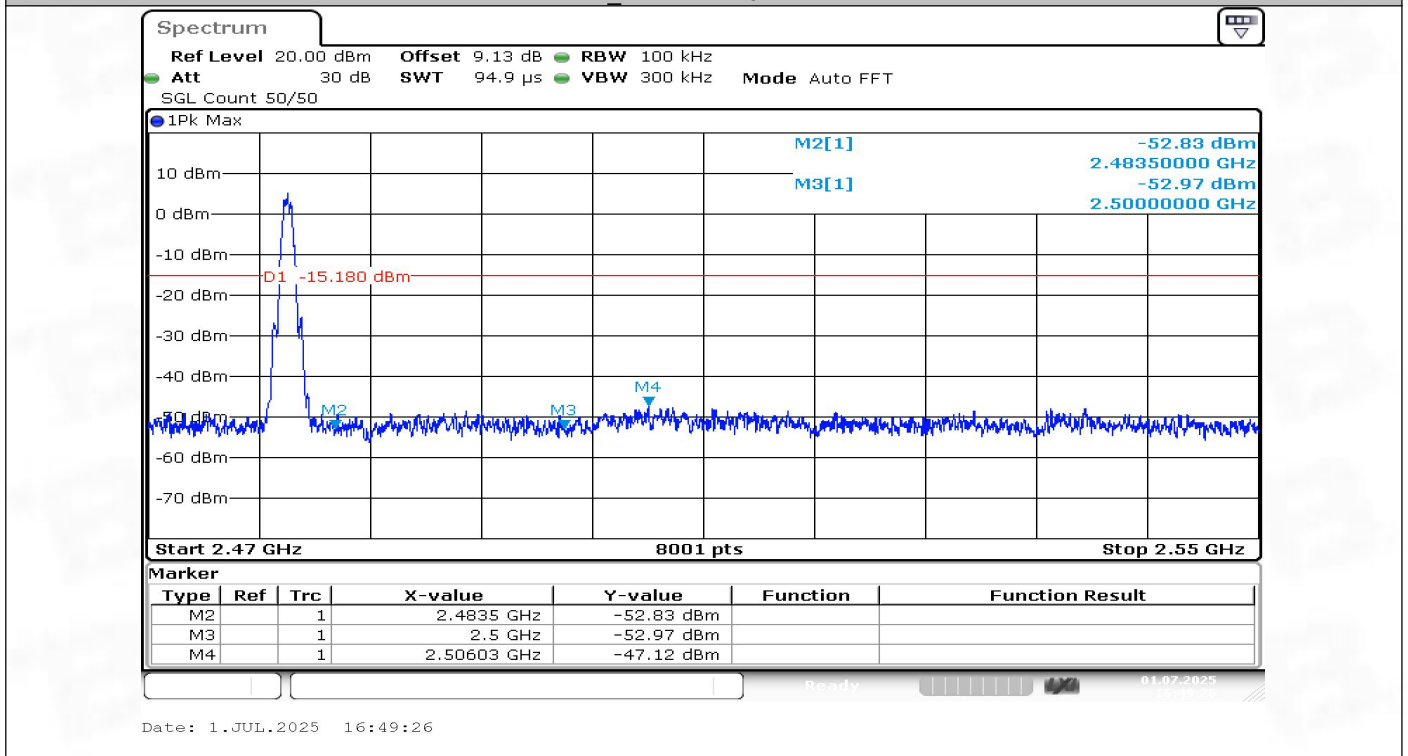
1.6.1 Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.46	-48.49	≤-14.54	PASS
BLE_1M	Ant1	High	2480	4.82	-47.12	≤-15.18	PASS
BLE_2M	Ant1	Low	2402	4.87	-31.06	≤-15.13	PASS
BLE_2M	Ant1	High	2480	4.86	-46.44	≤-15.14	PASS

1.6.2 Test Graphs



BLE 1M-Ant1-2402-PASS



BLE 1M-Ant1-2480-PASS