



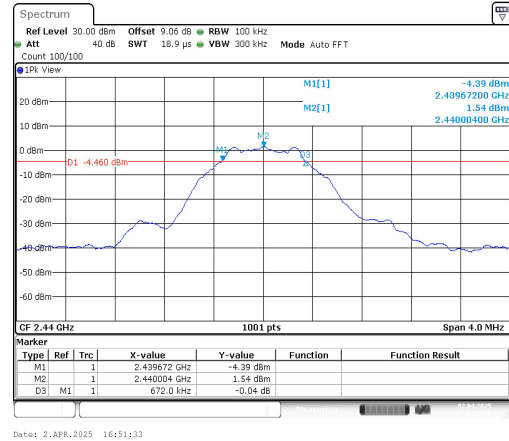
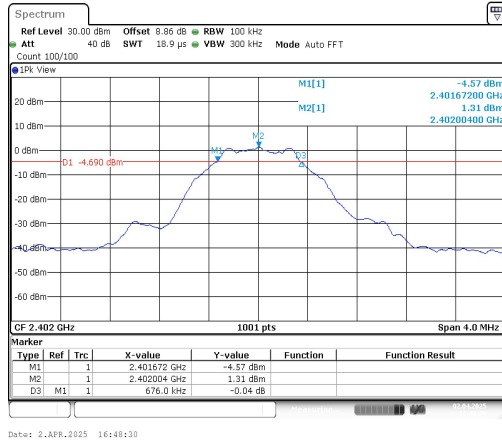
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.68	2401.67	2402.35	0.5	PASS
BLE_1M	Ant1	2440	0.67	2439.67	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.68	2479.67	2480.35	0.5	PASS

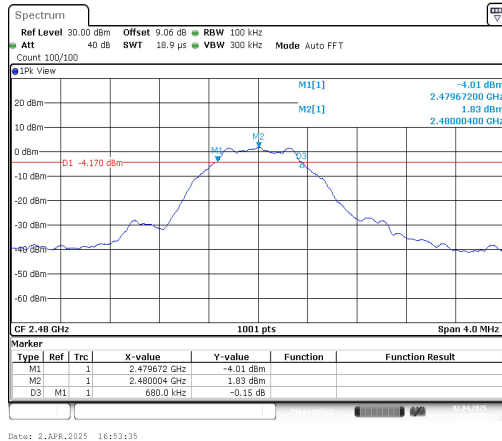


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



N/A

BLE_1M-Ant1-2480-PASS

N/A



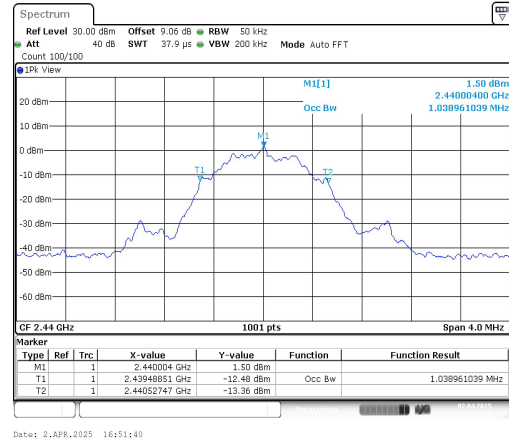
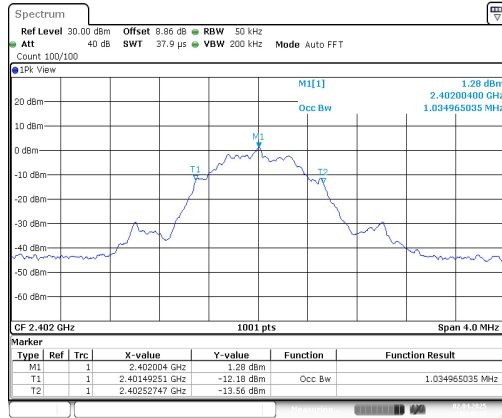
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.035	2401.4925	2402.5275	---	---
BLE_1M	Ant1	2440	1.039	2439.4885	2440.5275	---	---
BLE_1M	Ant1	2480	1.035	2479.4925	2480.5275	---	---

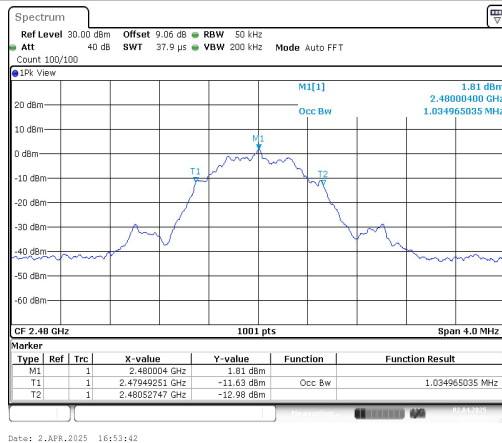


Test Graphs



BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



N/A

BLE_1M-Ant1-2480

N/A



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	2.06	≤30	1.92	3.98	≤36	PASS
BLE_1M	Ant1	2440	2.27	≤30	1.92	4.19	≤36	PASS
BLE_1M	Ant1	2480	2.51	≤30	1.92	4.43	≤36	PASS

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Conducted Sensor Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	-3.31	33.60	4.74	1.43	≤30.00	1.92	3.35	≤36.00	PASS
BLE_1M	Ant1	2440	-3.37	33.60	4.74	1.37	≤30.00	1.92	3.29	≤36.00	PASS
BLE_1M	Ant1	2480	-3.43	33.60	4.74	1.31	≤30.00	1.92	3.23	≤36.00	PASS



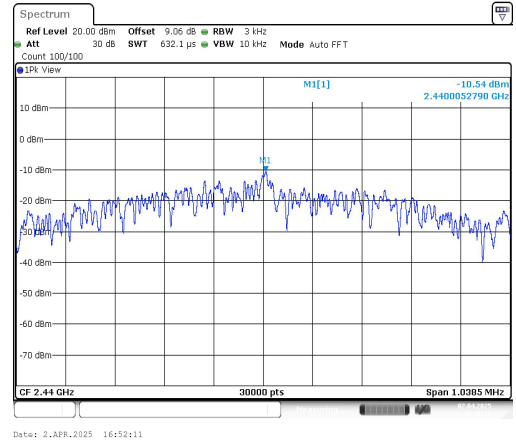
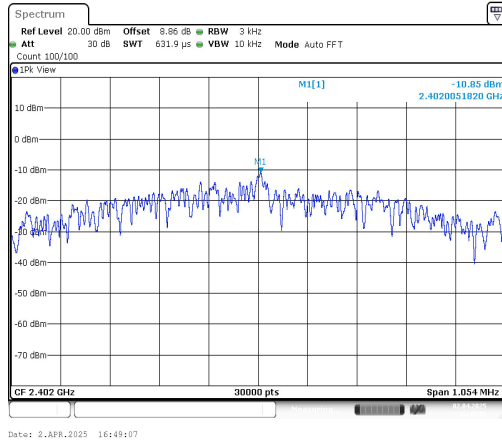
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.85	≤8.00	PASS
BLE_1M	Ant1	2440	-10.54	≤8.00	PASS
BLE_1M	Ant1	2480	-10.33	≤8.00	PASS

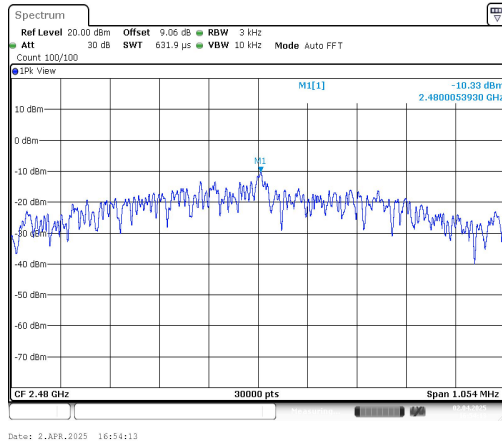


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



N/A

BLE_1M-Ant1-2480-PASS

N/A



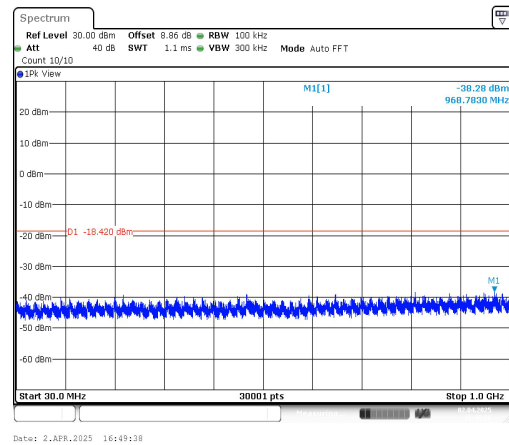
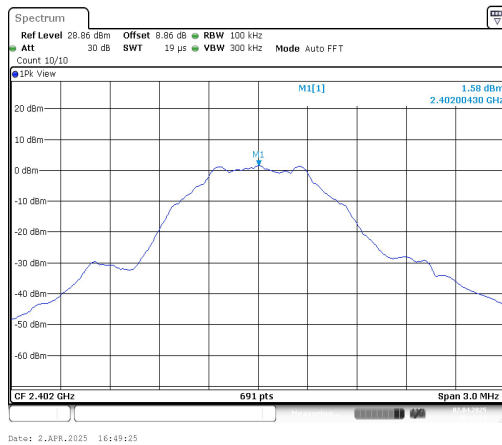
Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.58	1.58	---	PASS
BLE_1M	Ant1	2402	30~1000	1.58	-38.28	≤-18.42	PASS
BLE_1M	Ant1	2402	1000~26500	1.58	-27.5	≤-18.42	PASS
BLE_1M	Ant1	2440	0~Reference	1.79	1.79	---	PASS
BLE_1M	Ant1	2440	30~1000	1.79	-38.4	≤-18.21	PASS
BLE_1M	Ant1	2440	1000~26500	1.79	-26.92	≤-18.21	PASS
BLE_1M	Ant1	2480	0~Reference	2.04	2.04	---	PASS
BLE_1M	Ant1	2480	30~1000	2.04	-38.08	≤-17.96	PASS
BLE_1M	Ant1	2480	1000~26500	2.04	-27.11	≤-17.96	PASS

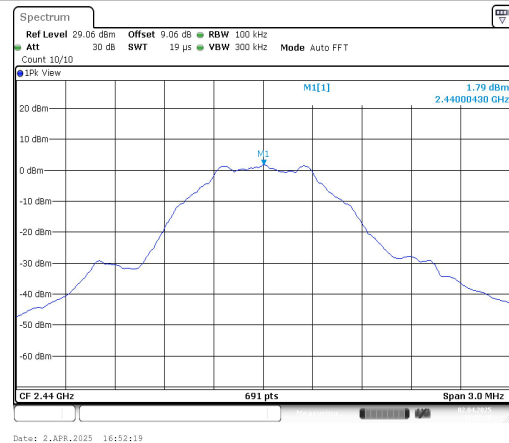
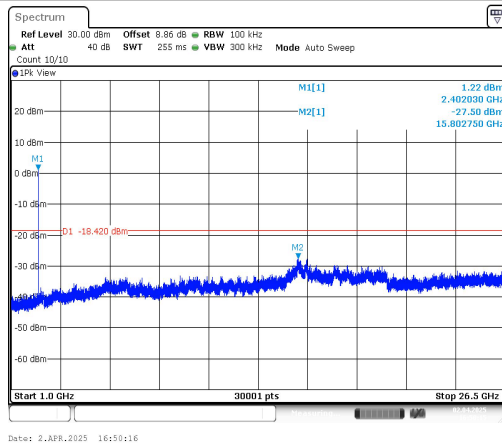


Test Graphs



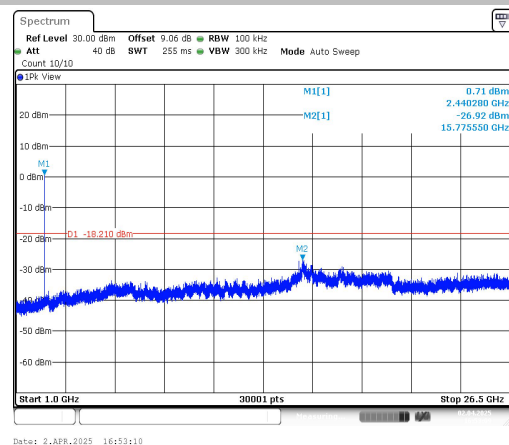
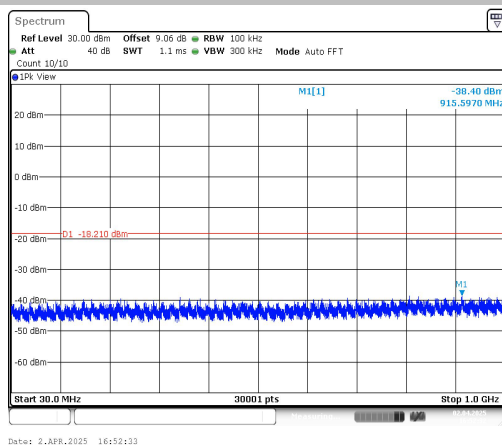
BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS



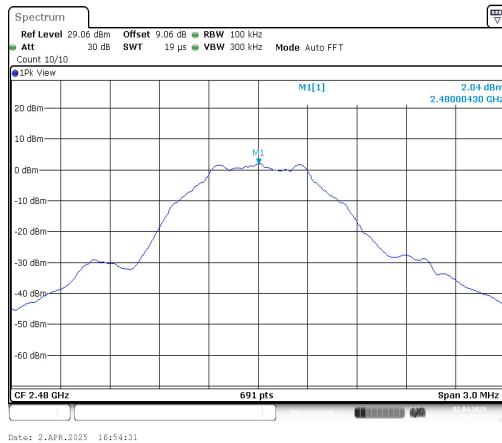
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS

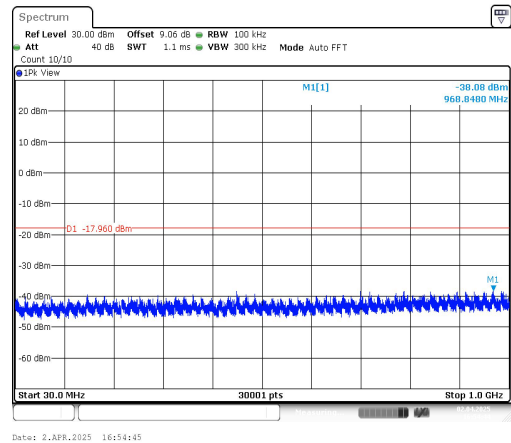


BLE_1M-Ant1-2440-30~1000-PASS

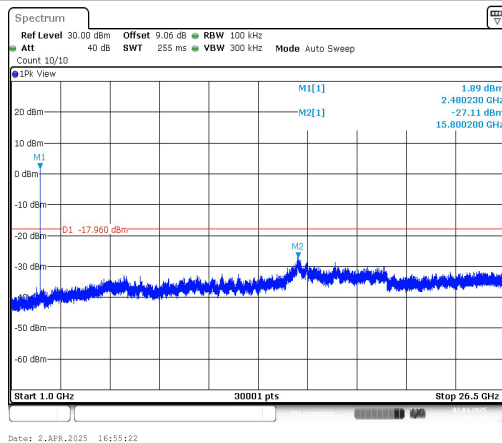
BLE_1M-Ant1-2440-1000~26500-PASS



BLE_1M-Ant1-2480-0~Reference-PASS



BLE_1M-Ant1-2480-30~1000-PASS



BLE_1M-Ant1-2480-1000~26500-PASS

N/A

N/A



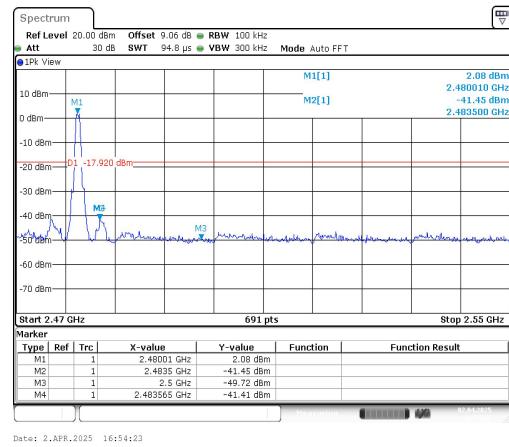
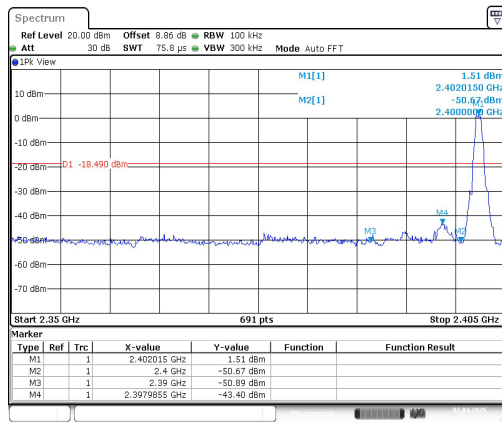
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.51	-43.4	≤ -18.49	PASS
BLE_1M	Ant1	High	2480	2.08	-41.41	≤ -17.92	PASS



Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



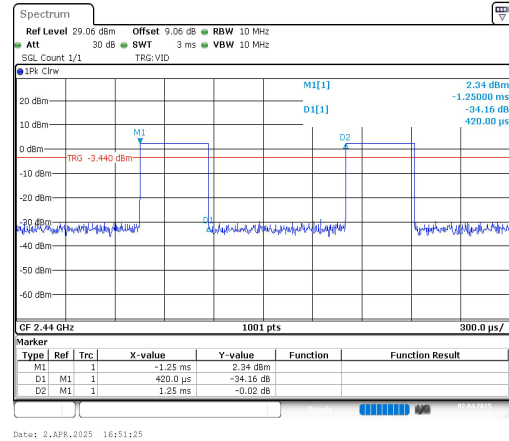
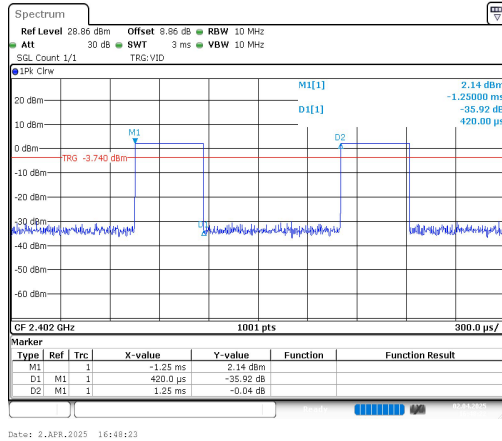
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	0.42	1.25	33.60
BLE_1M	Ant1	2440	0.42	1.25	33.60
BLE_1M	Ant1	2480	0.42	1.25	33.60

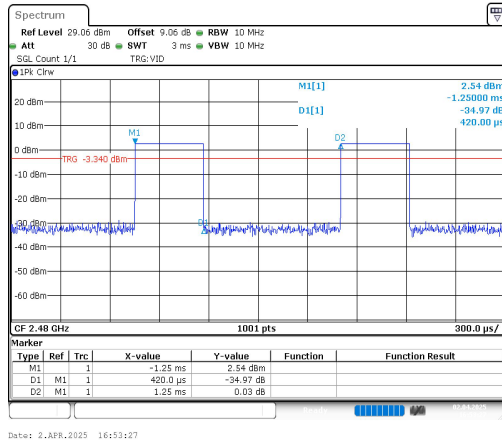


Test Graphs



NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



N/A

NTNV-BLE_1M-Ant1-2480

N/A

-----END-----