



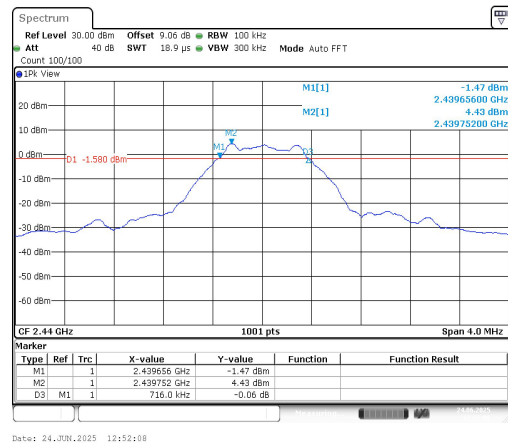
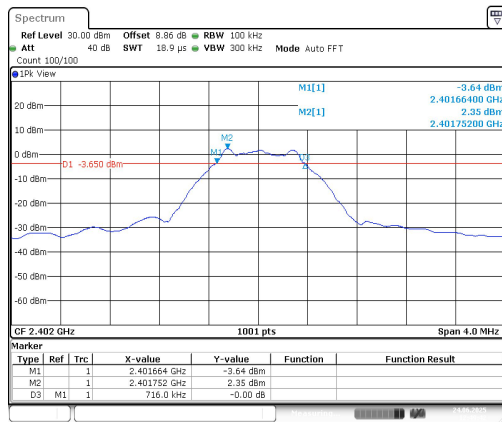
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.72	2401.66	2402.38	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.66	2440.37	0.5	PASS
BLE_1M	Ant1	2480	0.75	2479.64	2480.39	0.5	PASS

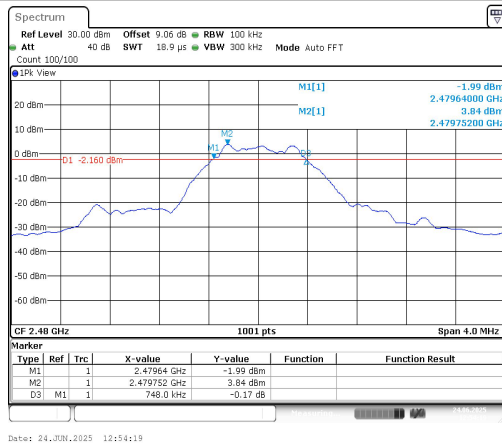


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



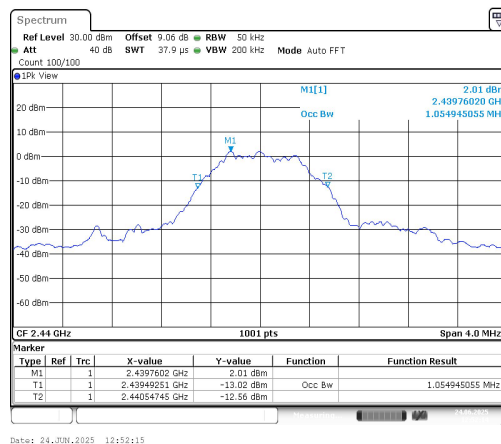
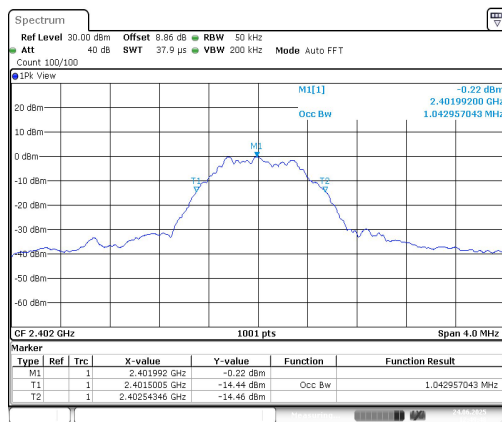
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.043	2401.5005	2402.5435	---	---
BLE_1M	Ant1	2440	1.055	2439.4925	2440.5475	---	---
BLE_1M	Ant1	2480	1.127	2479.4605	2480.5874	---	---

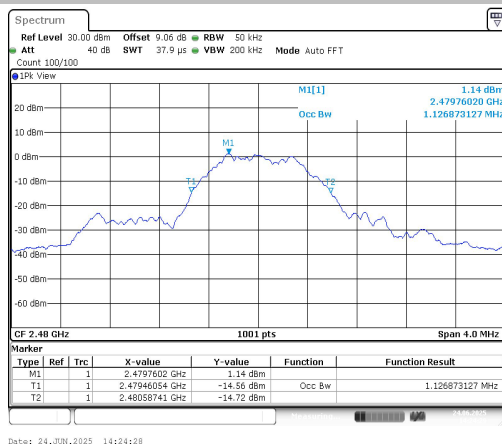


Test Graphs



BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



BLE_1M-Ant1-2480



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	3.25	≤30	0.00	3.25	--	PASS
BLE_1M	Ant1	2440	4.89	≤30	0.00	4.89	--	PASS
BLE_1M	Ant1	2480	4.33	≤30	0.00	4.33	--	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	-0.10	61.90	2.08	1.98	≤30.00	0.00	1.98	--	PASS
BLE_1M	Ant1	2440	1.66	61.90	2.08	3.74	≤30.00	0.00	3.74	--	PASS
BLE_1M	Ant1	2480	0.94	62.90	2.01	2.95	≤30.00	0.00	2.95	--	PASS



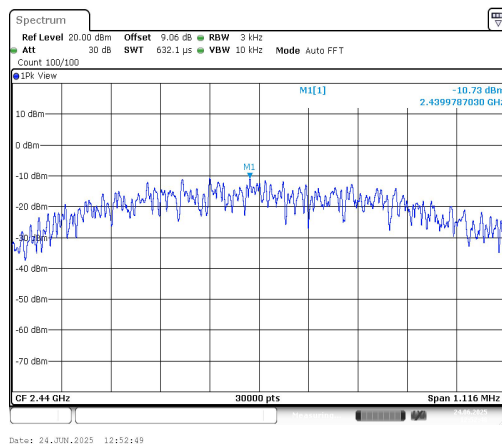
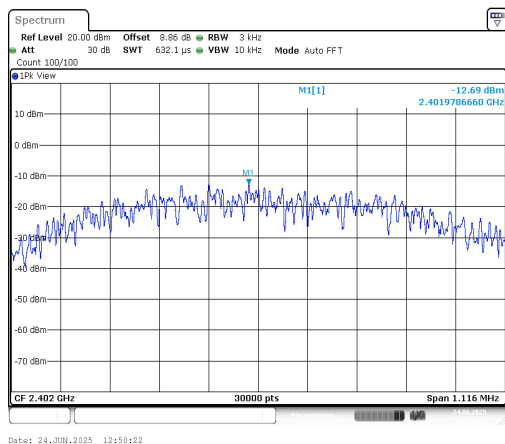
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.69	≤8.00	PASS
BLE_1M	Ant1	2440	-10.73	≤8.00	PASS
BLE_1M	Ant1	2480	-11.26	≤8.00	PASS

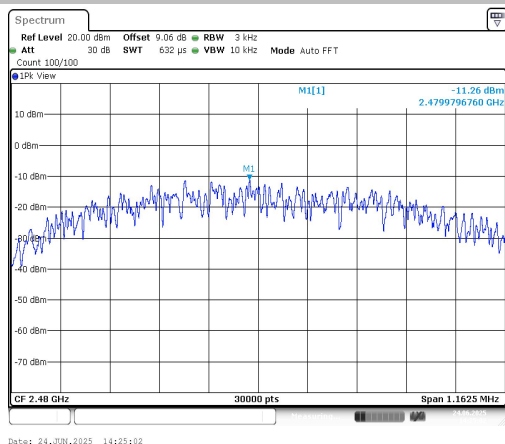


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



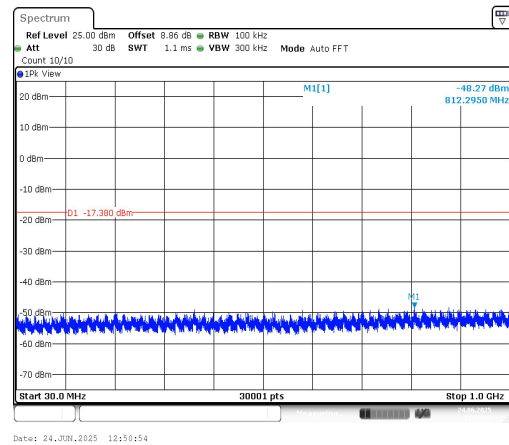
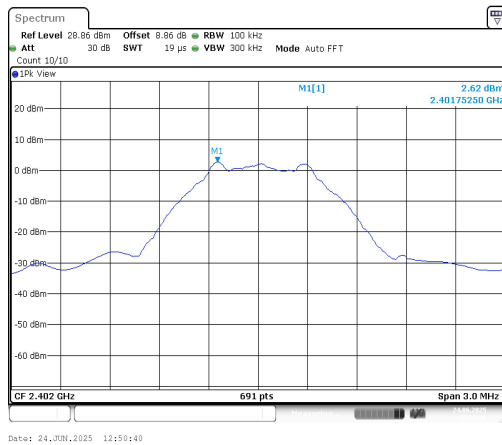
Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.62	2.62	---	PASS
BLE_1M	Ant1	2402	30~1000	2.62	-48.27	≤ -17.38	PASS
BLE_1M	Ant1	2402	1000~26500	2.62	-37.13	≤ -17.38	PASS
BLE_1M	Ant1	2440	0~Reference	4.68	4.68	---	PASS
BLE_1M	Ant1	2440	30~1000	4.68	-48.06	≤ -15.32	PASS
BLE_1M	Ant1	2440	1000~26500	4.68	-34.68	≤ -15.32	PASS
BLE_1M	Ant1	2480	0~Reference	4.10	4.10	---	PASS
BLE_1M	Ant1	2480	30~1000	4.10	-37.71	≤ -15.9	PASS
BLE_1M	Ant1	2480	1000~26500	4.10	-37.3	≤ -15.9	PASS

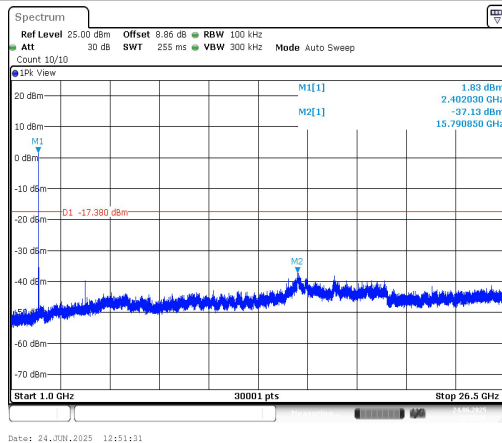


Test Graphs



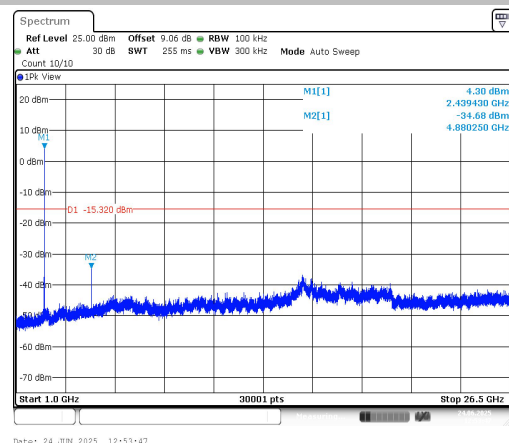
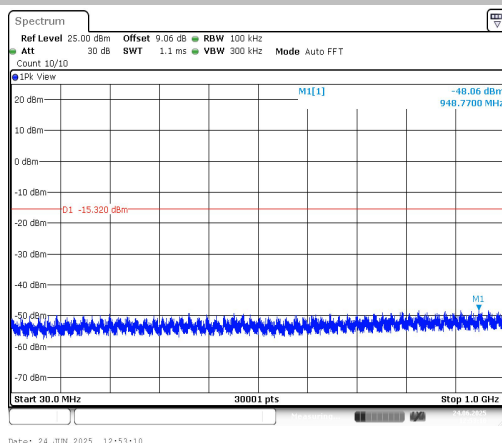
BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS



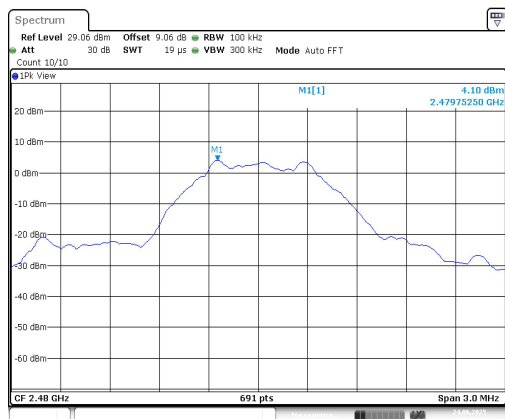
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS

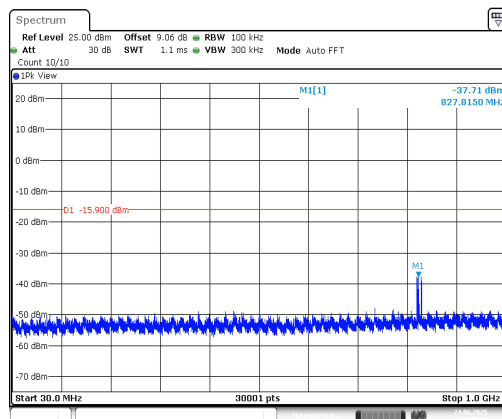


BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



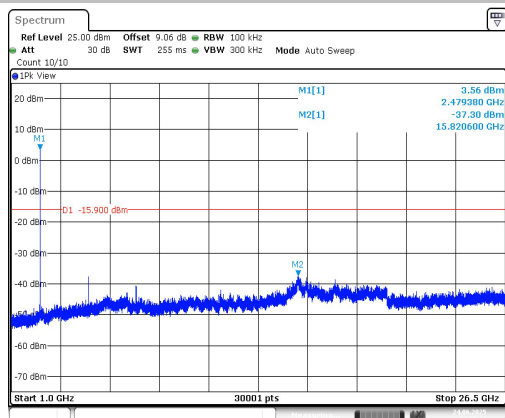
Date: 24.JUN.2025 14:25:20



Date: 24.JUN.2025 14:25:34

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



Date: 24.JUN.2025 14:26:11

BLE_1M-Ant1-2480-1000~26500-PASS



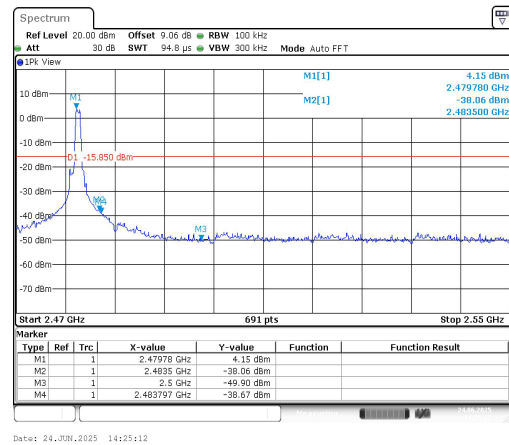
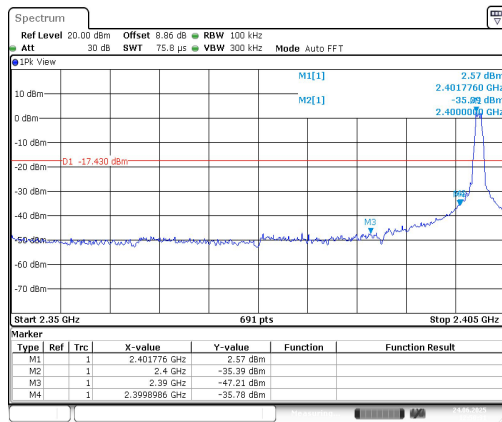
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.57	-35.78	≤ -17.43	PASS
BLE_1M	Ant1	High	2480	4.15	-38.67	≤ -15.85	PASS



Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



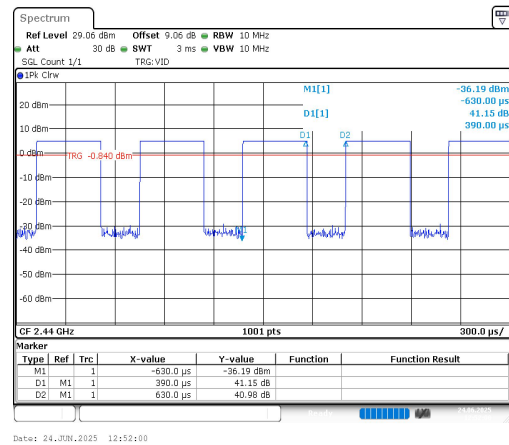
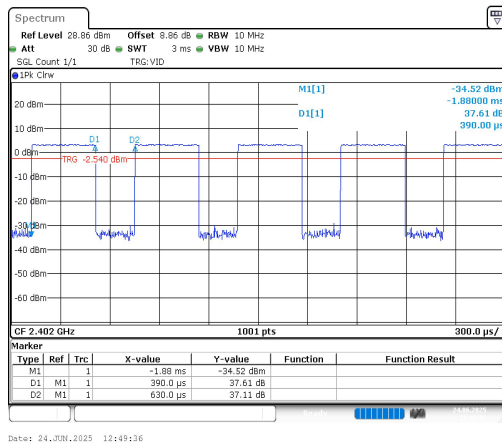
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	0.39	0.63	61.90
BLE_1M	Ant1	2440	0.39	0.63	61.90
BLE_1M	Ant1	2480	0.39	0.62	62.90

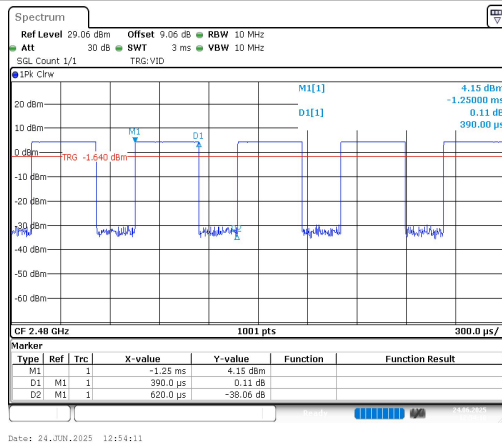


Test Graphs



NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480

-----END-----