



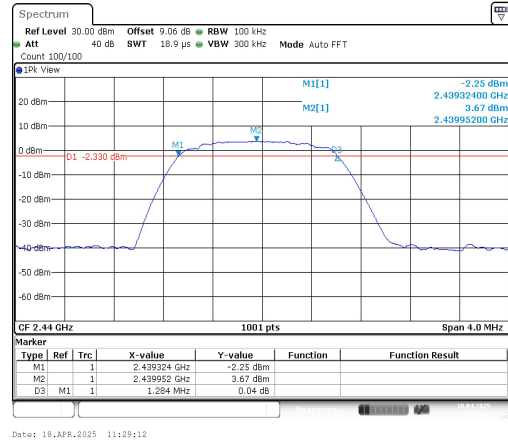
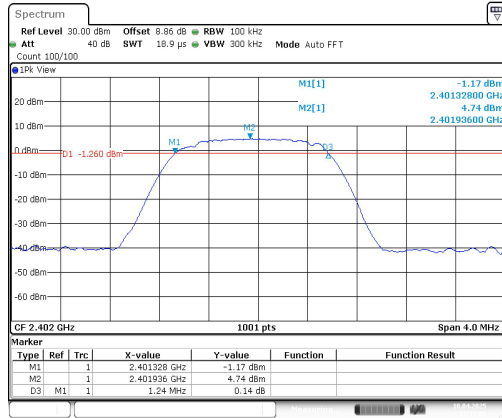
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.24	2401.33	2402.57	0.5	PASS
BLE_1M	Ant1	2440	1.28	2439.32	2440.61	0.5	PASS
BLE_1M	Ant1	2480	1.35	2479.29	2480.64	0.5	PASS

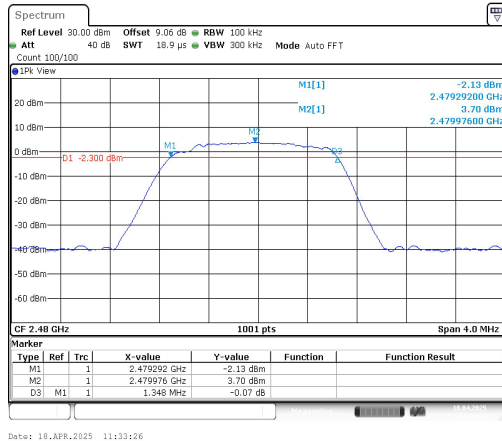


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



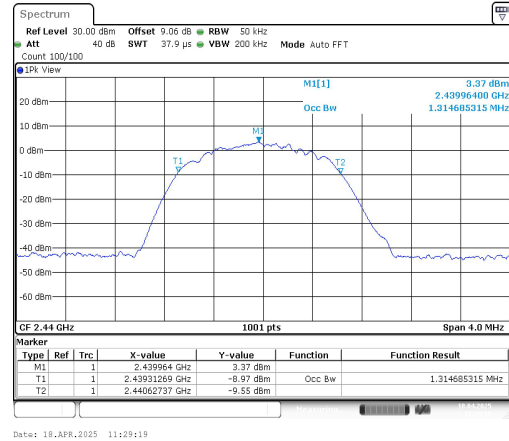
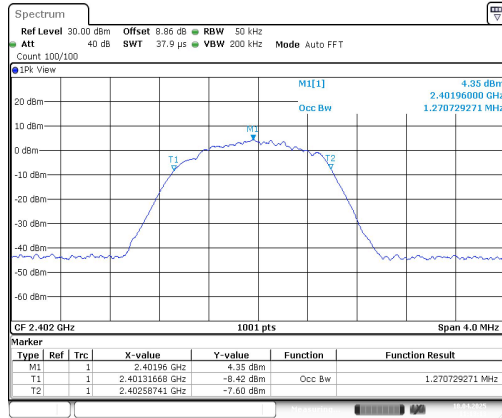
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.271	2401.3167	2402.5874	---	---
BLE_1M	Ant1	2440	1.315	2439.3127	2440.6274	---	---
BLE_1M	Ant1	2480	1.367	2479.2727	2480.6394	---	---

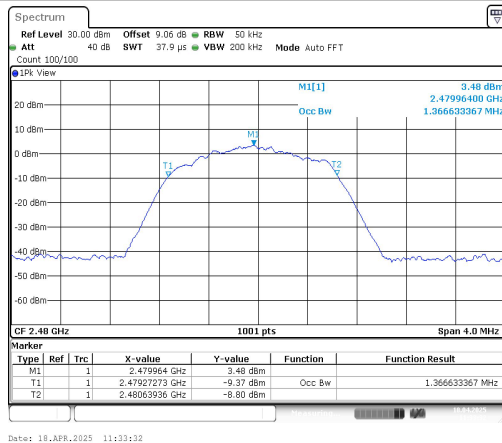


Test Graphs



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]	Verdict
BLE_1M	Ant1	2402	4.90	≤30	1.83	6.73	PASS
BLE_1M	Ant1	2440	4.03	≤30	1.83	5.86	PASS
BLE_1M	Ant1	2480	3.97	≤30	1.83	5.80	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]	Verdict
BLE_1M	Ant1	2402	3.67	100.00	0.00	3.67	≤30.00	1.83	5.50	PASS
BLE_1M	Ant1	2440	3.47	100.00	0.00	3.47	≤30.00	1.83	5.30	PASS
BLE_1M	Ant1	2480	3.31	100.00	0.00	3.31	≤30.00	1.83	5.14	PASS



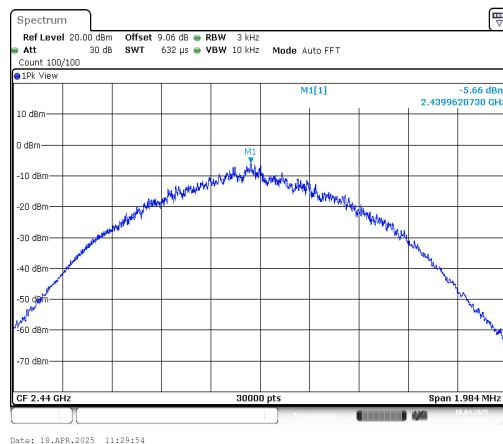
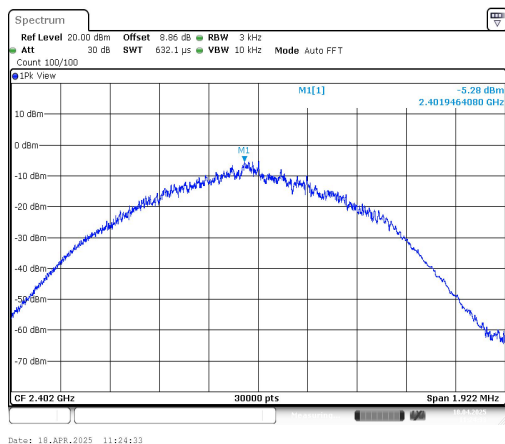
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-5.28	≤8.00	PASS
BLE_1M	Ant1	2440	-5.66	≤8.00	PASS
BLE_1M	Ant1	2480	-5.25	≤8.00	PASS

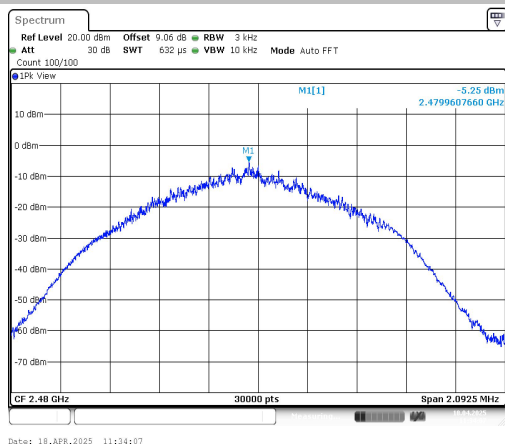


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



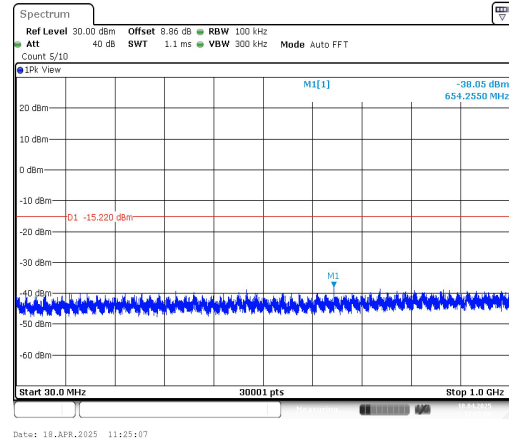
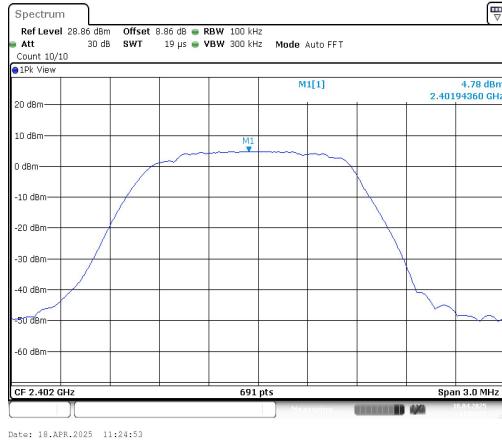
Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	4.78	4.78	---	PASS
BLE_1M	Ant1	2402	30~1000	4.78	-38.05	≤-15.22	PASS
BLE_1M	Ant1	2402	1000~26500	4.78	-26.73	≤-15.22	PASS
BLE_1M	Ant1	2440	0~Reference	3.94	3.94	---	PASS
BLE_1M	Ant1	2440	30~1000	3.94	-37.97	≤-16.06	PASS
BLE_1M	Ant1	2440	1000~26500	3.94	-25.6	≤-16.06	PASS
BLE_1M	Ant1	2480	0~Reference	3.86	3.86	---	PASS
BLE_1M	Ant1	2480	30~1000	3.86	-38.52	≤-16.14	PASS
BLE_1M	Ant1	2480	1000~26500	3.86	-26.97	≤-16.14	PASS

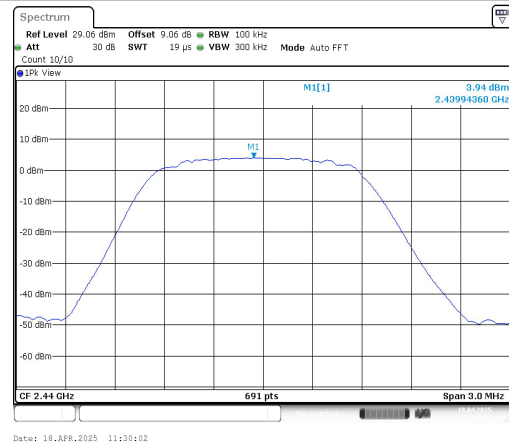
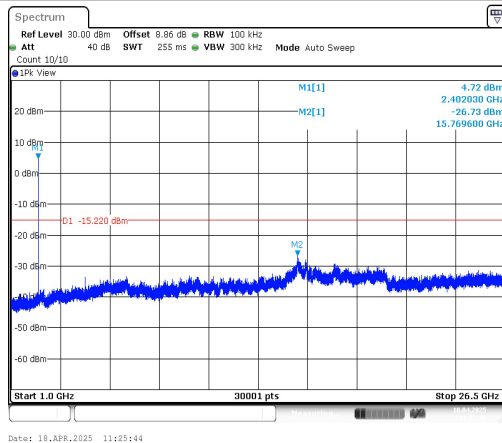


Test Graphs



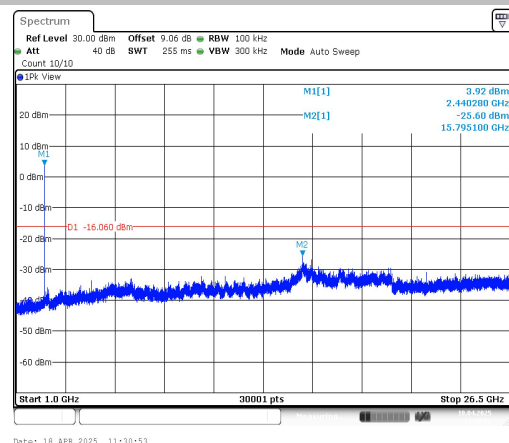
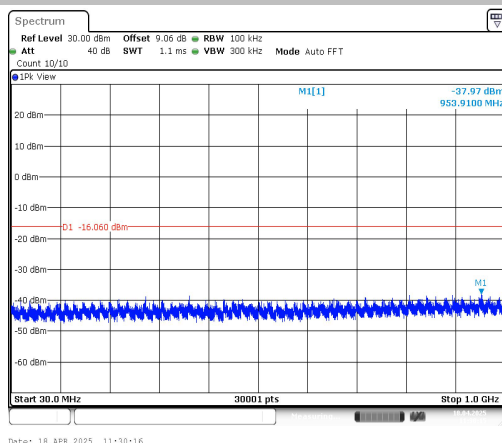
BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS



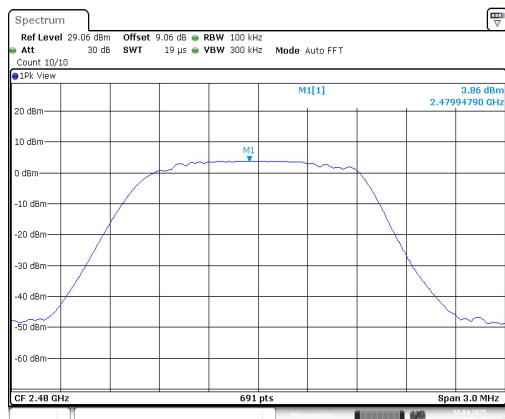
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS

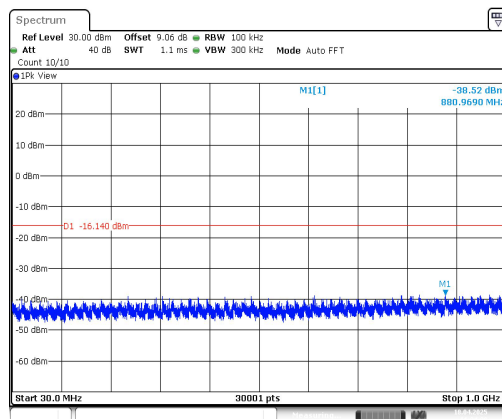


BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



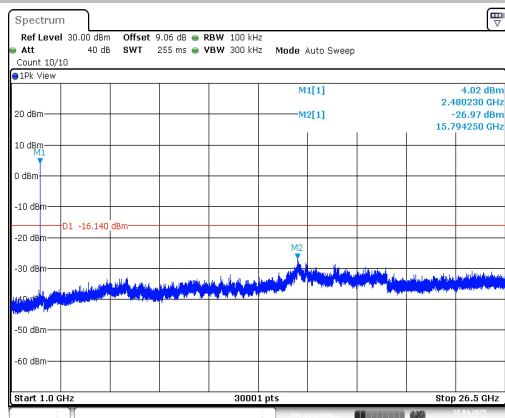
Date: 18.APR.2025 11:34:26



Date: 18.APR.2025 11:34:39

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



Date: 18.APR.2025 11:35:16

BLE_1M-Ant1-2480-1000~26500-PASS



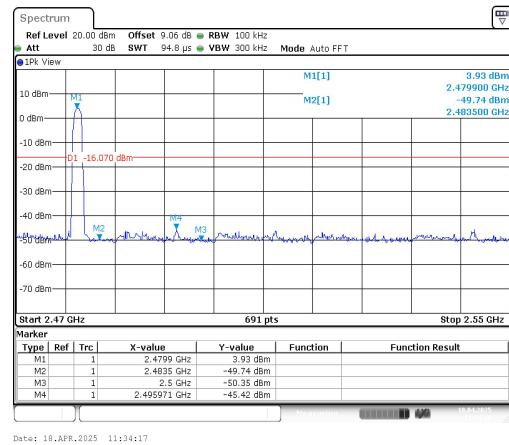
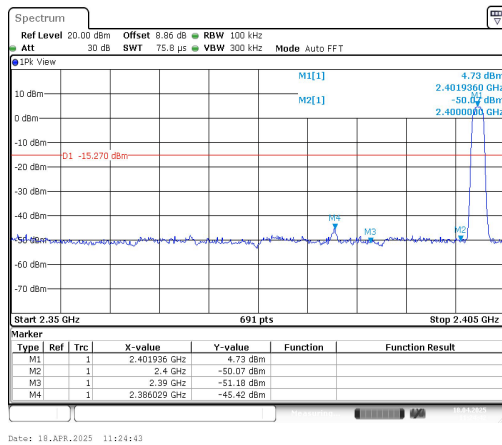
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.73	-45.42	≤ -15.27	PASS
BLE_1M	Ant1	High	2480	3.93	-45.42	≤ -16.07	PASS



Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



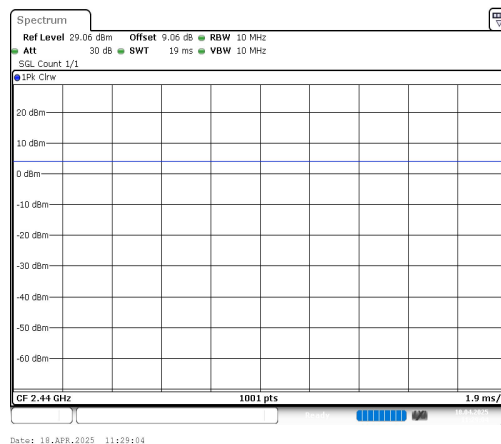
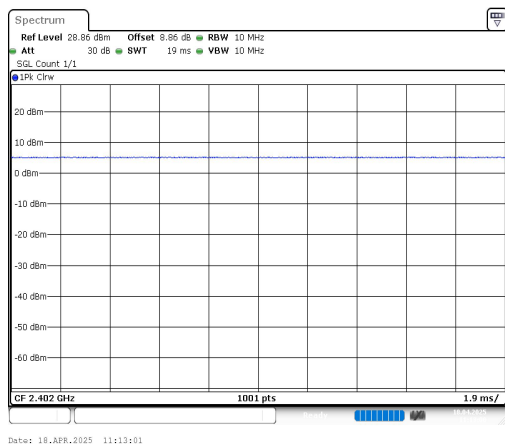
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	0.00	0.00	100
BLE_1M	Ant1	2440	0.00	0.00	100
BLE_1M	Ant1	2480	0.00	0.00	100

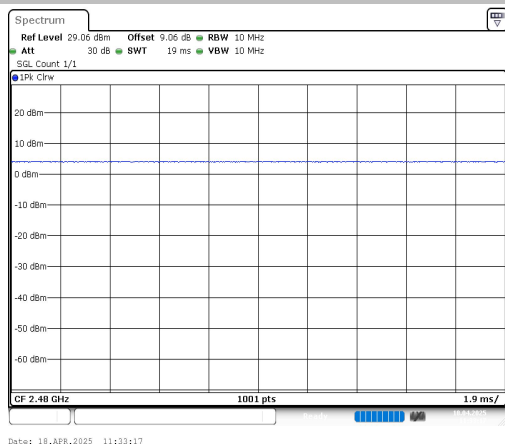


Test Graphs



NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480

-----END-----