



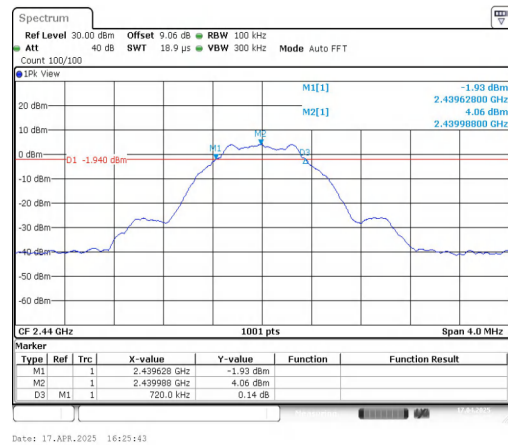
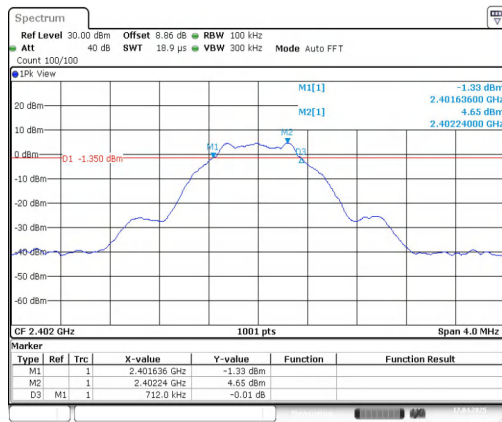
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.71	2401.64	2402.35	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.63	2440.35	0.5	PASS
BLE_1M	Ant1	2480	0.71	2479.64	2480.34	0.5	PASS
BLE_2M	Ant1	2402	1.18	2401.40	2402.58	0.5	PASS
BLE_2M	Ant1	2440	1.17	2439.41	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.17	2479.41	2480.58	0.5	PASS

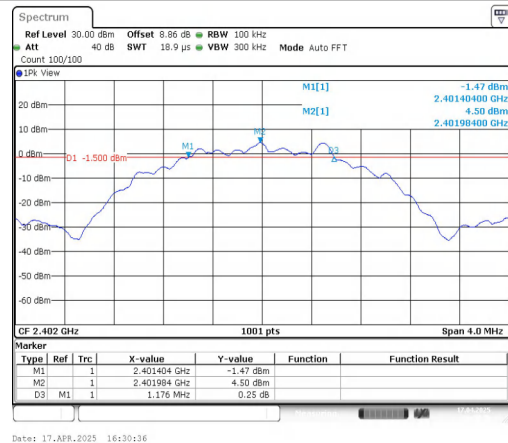
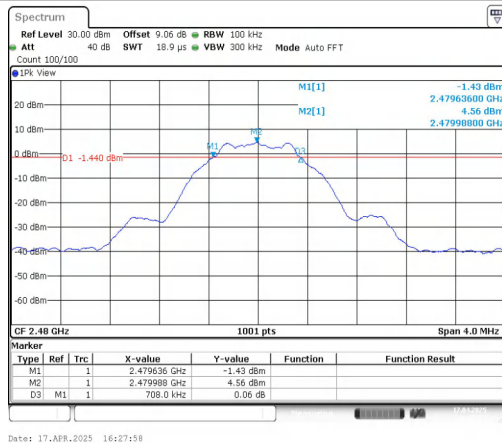


Test Graphs



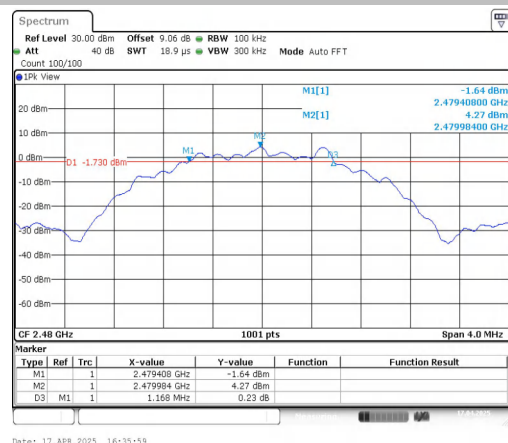
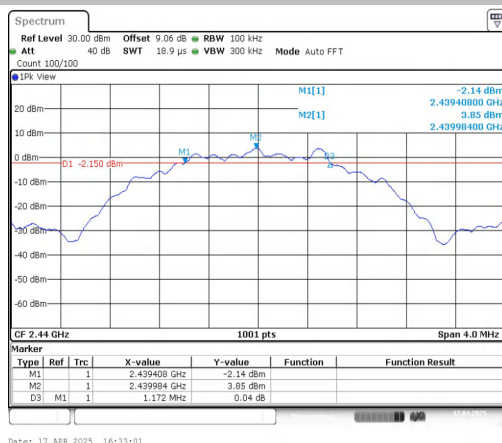
BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



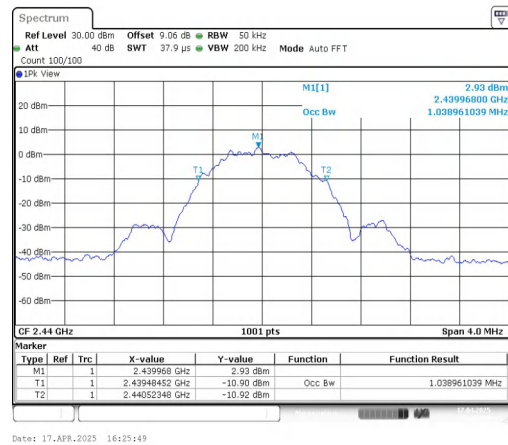
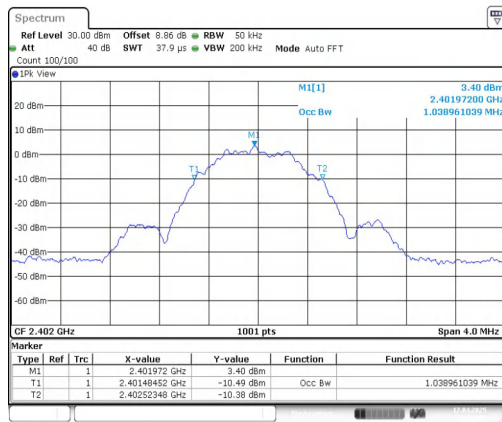
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	2401.4845	2402.5235	---	---
BLE_1M	Ant1	2440	1.039	2439.4845	2440.5235	---	---
BLE_1M	Ant1	2480	1.039	2479.4845	2480.5235	---	---
BLE_2M	Ant1	2402	2.058	2400.9810	2403.0390	---	---
BLE_2M	Ant1	2440	2.062	2438.9770	2441.0390	---	---
BLE_2M	Ant1	2480	2.058	2478.9810	2481.0390	---	---

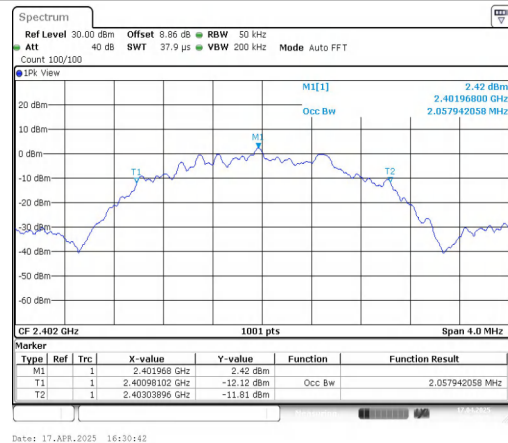
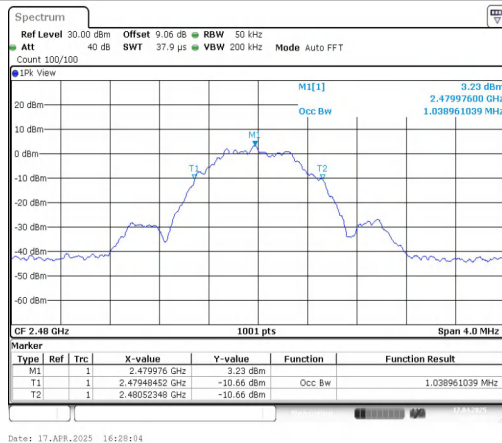


Test Graphs



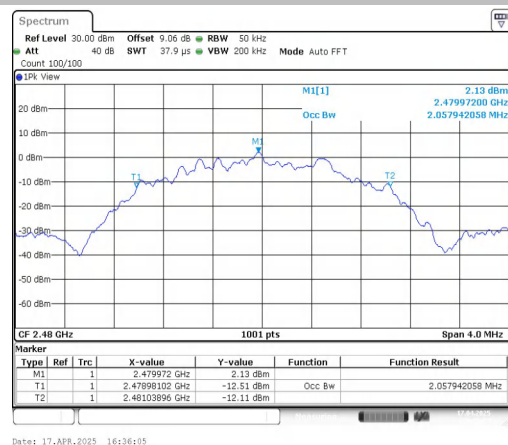
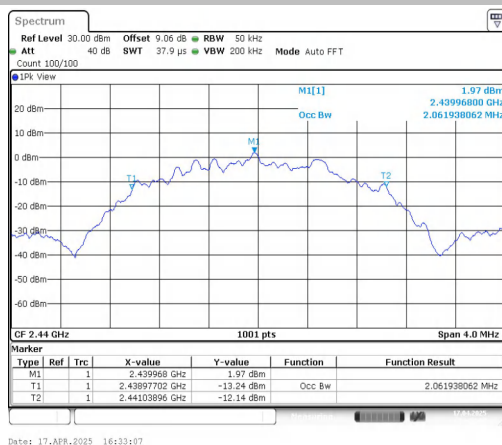
BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

BLE_2M-Ant1-2402



BLE_2M-Ant1-2440

BLE_2M-Ant1-2480



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	5.87	≤30.00	5.10	10.97	--	PASS
BLE_1M	Ant1	2440	5.24	≤30.00	5.10	10.34	--	PASS
BLE_1M	Ant1	2480	5.56	≤30.00	5.10	10.66	--	PASS
BLE_2M	Ant1	2402	5.86	≤30.00	5.10	10.96	--	PASS
BLE_2M	Ant1	2440	5.24	≤30.00	5.10	10.34	--	PASS
BLE_2M	Ant1	2480	5.57	≤30.00	5.10	10.67	--	PASS

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Reading 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	2.15	61.29	2.13	4.28	≤30.00	5.10	9.38	--	PASS
BLE_1M	Ant1	2440	2.09	61.29	2.13	4.22	≤30.00	5.10	9.32	--	PASS
BLE_1M	Ant1	2480	2.13	61.29	2.13	4.26	≤30.00	5.10	9.36	--	PASS
BLE_2M	Ant1	2402	1.86	56.91	2.45	4.31	≤30.00	5.10	9.41	--	PASS
BLE_2M	Ant1	2440	1.75	56.91	2.45	4.20	≤30.00	5.10	9.30	--	PASS
BLE_2M	Ant1	2480	1.82	56.91	2.45	4.27	≤30.00	5.10	9.37	--	PASS
AV Power [dBm]= Reading power +DC Factor											



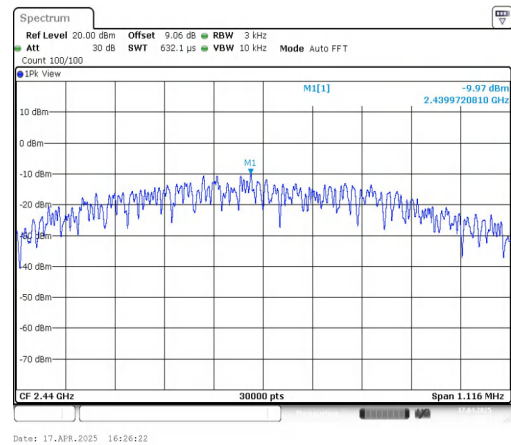
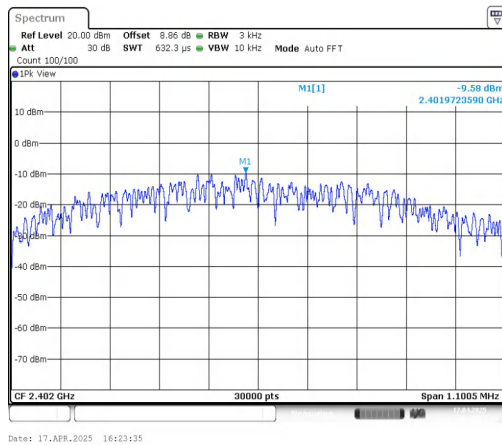
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.58	≤8.00	PASS
BLE_1M	Ant1	2440	-9.97	≤8.00	PASS
BLE_1M	Ant1	2480	-9.73	≤8.00	PASS
BLE_2M	Ant1	2402	-13.08	≤8.00	PASS
BLE_2M	Ant1	2440	-13.62	≤8.00	PASS
BLE_2M	Ant1	2480	-13.32	≤8.00	PASS

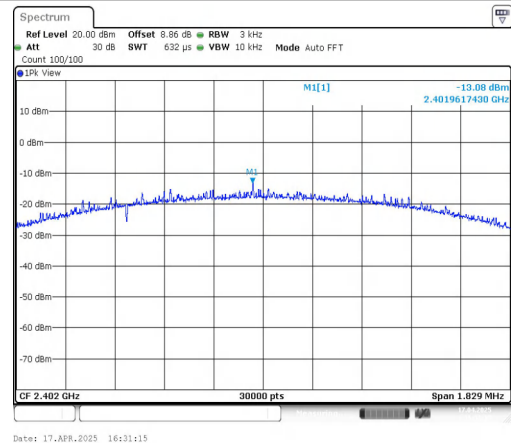
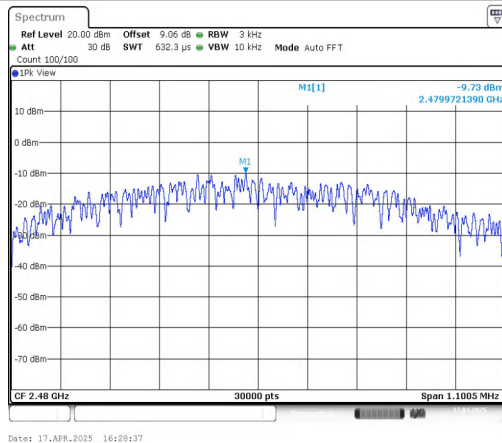


Test Graphs



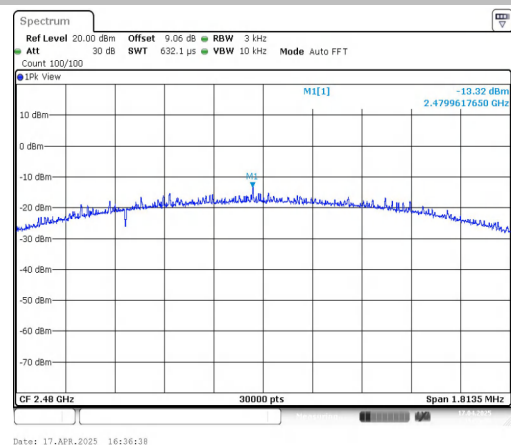
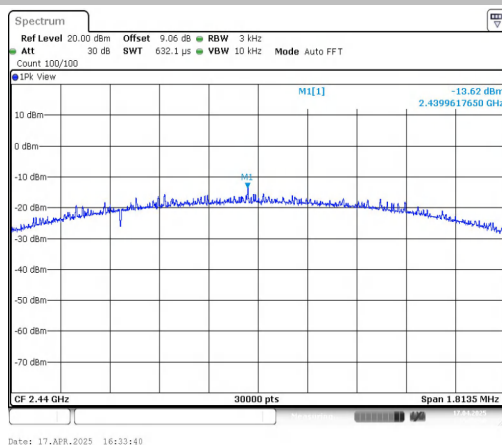
BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



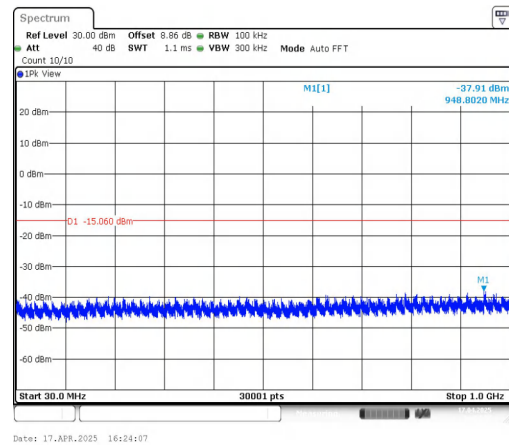
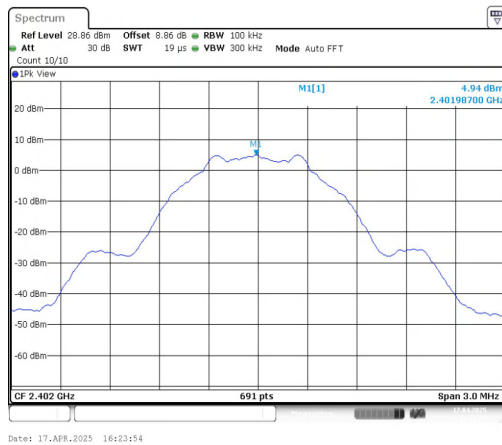
Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	4.94	4.94	---	PASS
BLE_1M	Ant1	2402	30~1000	4.94	-37.91	≤-15.06	PASS
BLE_1M	Ant1	2402	1000~26500	4.94	-27.08	≤-15.06	PASS
BLE_1M	Ant1	2440	0~Reference	4.46	4.46	---	PASS
BLE_1M	Ant1	2440	30~1000	4.46	-37.92	≤-15.54	PASS
BLE_1M	Ant1	2440	1000~26500	4.46	-26.85	≤-15.54	PASS
BLE_1M	Ant1	2480	0~Reference	4.82	4.82	---	PASS
BLE_1M	Ant1	2480	30~1000	4.82	-37.9	≤-15.18	PASS
BLE_1M	Ant1	2480	1000~26500	4.82	-26.27	≤-15.18	PASS
BLE_2M	Ant1	2402	0~Reference	4.71	4.71	---	PASS
BLE_2M	Ant1	2402	30~1000	4.71	-38.7	≤-15.29	PASS
BLE_2M	Ant1	2402	1000~26500	4.71	-27.05	≤-15.29	PASS
BLE_2M	Ant1	2440	0~Reference	4.15	4.15	---	PASS
BLE_2M	Ant1	2440	30~1000	4.15	-38.06	≤-15.85	PASS
BLE_2M	Ant1	2440	1000~26500	4.15	-26.63	≤-15.85	PASS
BLE_2M	Ant1	2480	0~Reference	4.67	4.67	---	PASS
BLE_2M	Ant1	2480	30~1000	4.67	-37.98	≤-15.33	PASS
BLE_2M	Ant1	2480	1000~26500	4.67	-27.31	≤-15.33	PASS

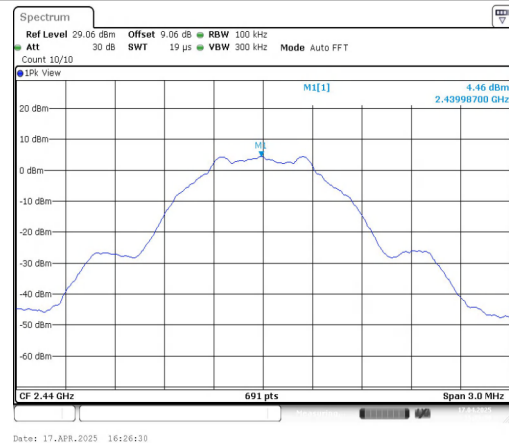
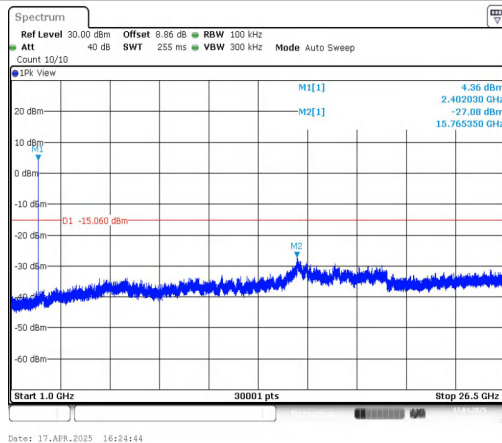


Test Graphs



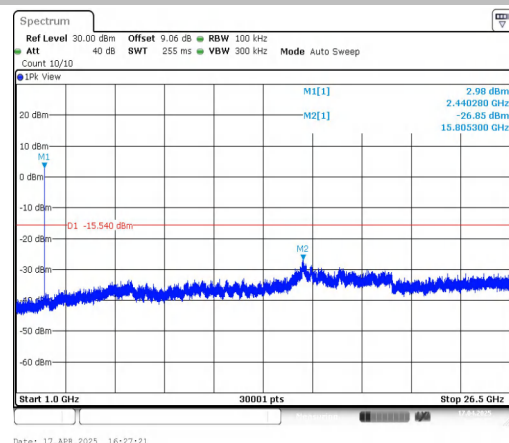
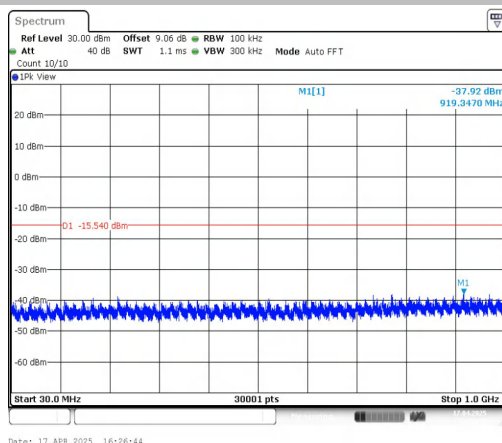
BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS



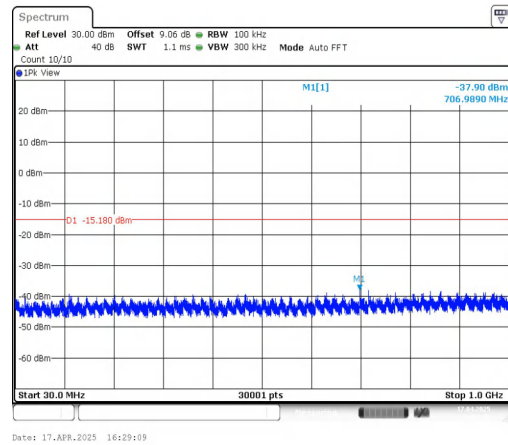
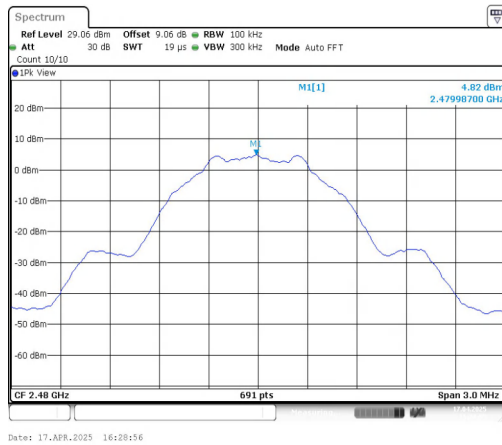
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS



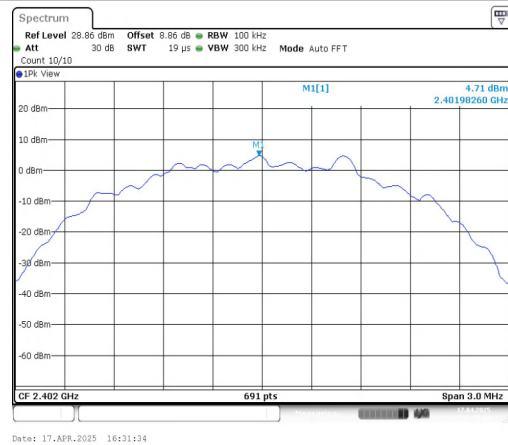
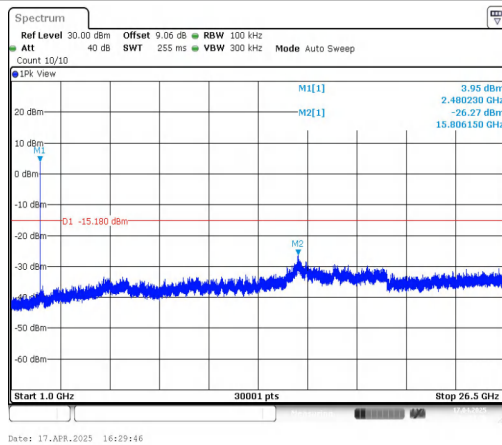
BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



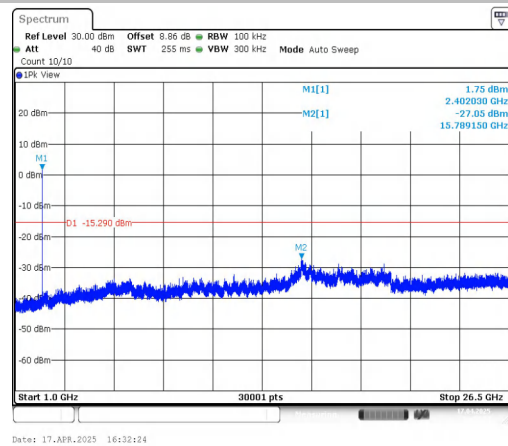
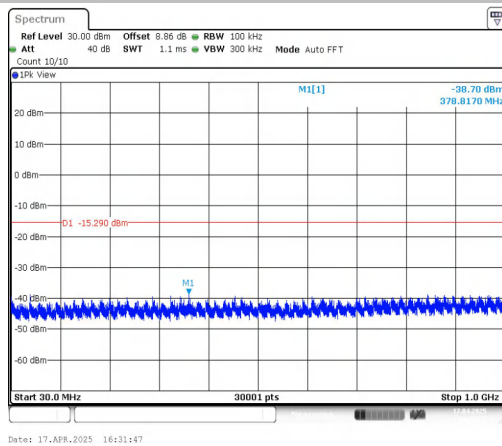
BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



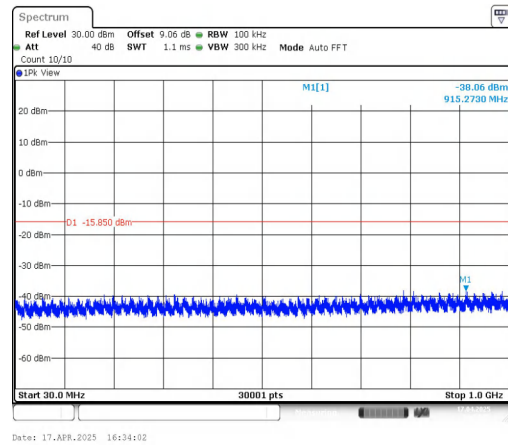
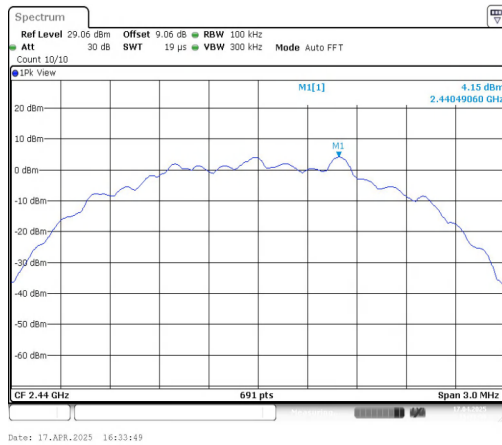
BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



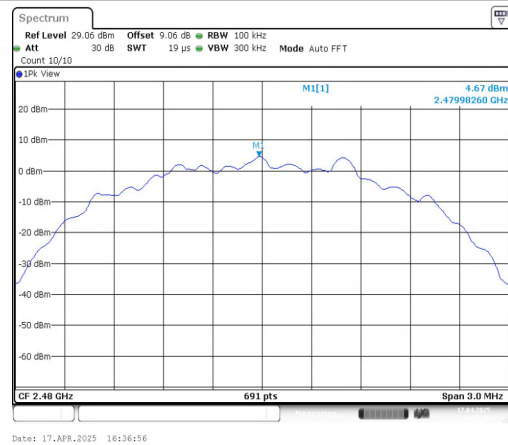
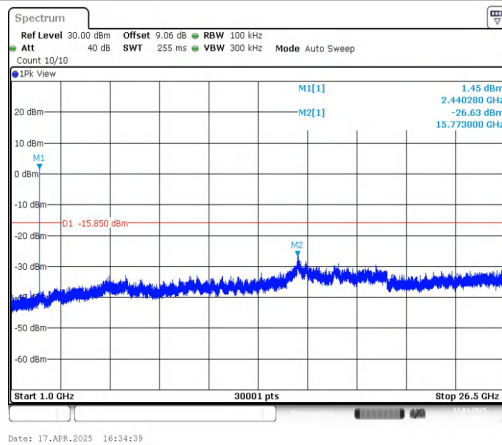
BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



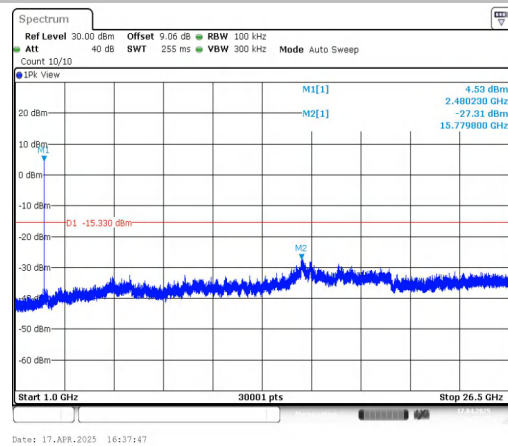
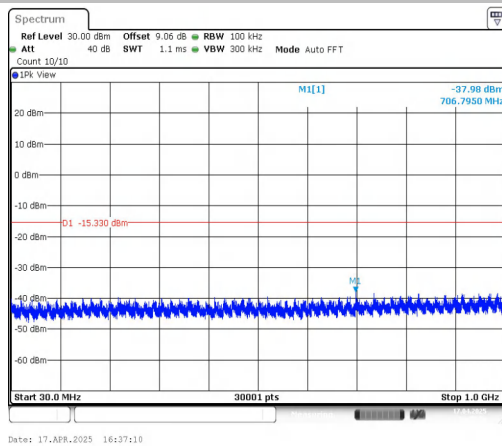
BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2480-0~Reference-PASS



BLE_2M-Ant1-2480-30~1000-PASS

BLE_2M-Ant1-2480-1000~26500-PASS



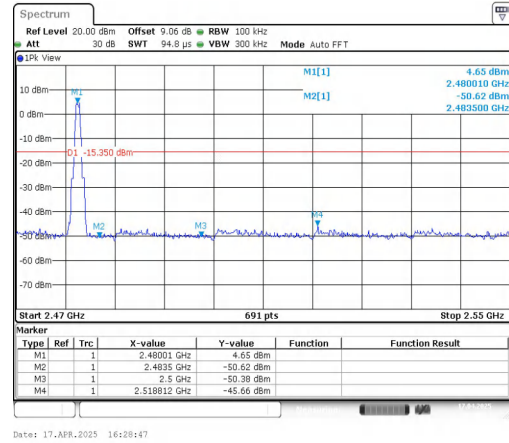
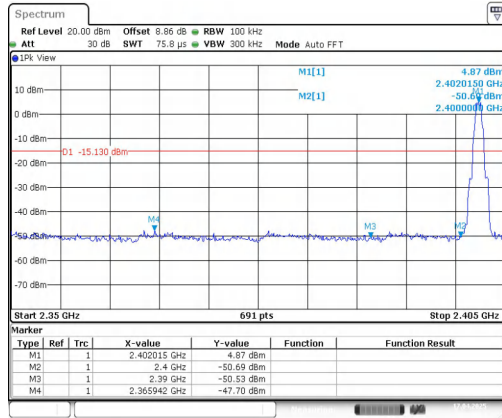
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.87	-47.7	≤ -15.13	PASS
BLE_1M	Ant1	High	2480	4.65	-45.66	≤ -15.35	PASS
BLE_2M	Ant1	Low	2402	4.74	-27.01	≤ -15.26	PASS
BLE_2M	Ant1	High	2480	4.51	-46	≤ -15.49	PASS

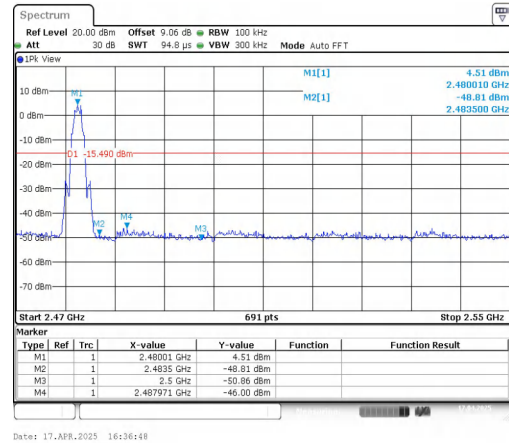
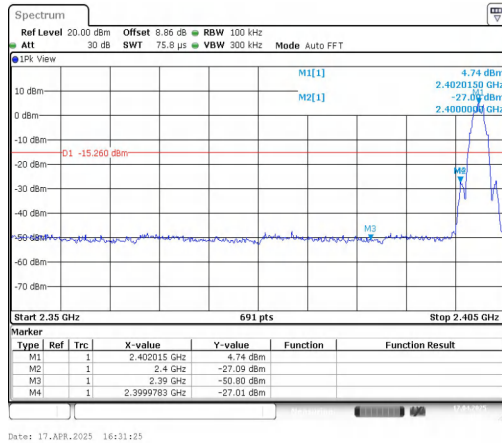


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



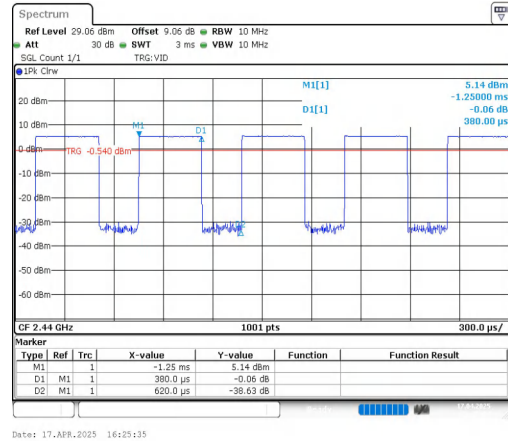
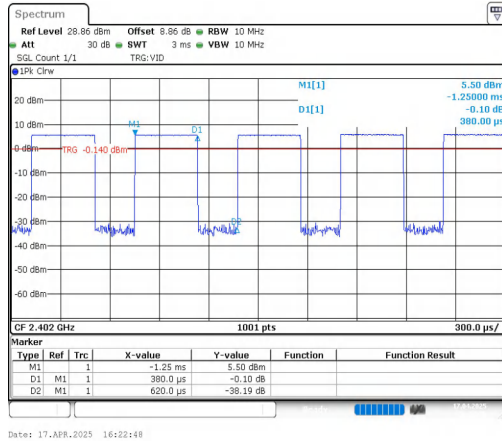
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	0.38	0.62	61.29
BLE_1M	Ant1	2440	0.38	0.62	61.29
BLE_1M	Ant1	2480	0.38	0.62	61.29
BLE_2M	Ant1	2402	1.07	1.88	56.91
BLE_2M	Ant1	2440	1.07	1.88	56.91
BLE_2M	Ant1	2480	1.07	1.88	56.91

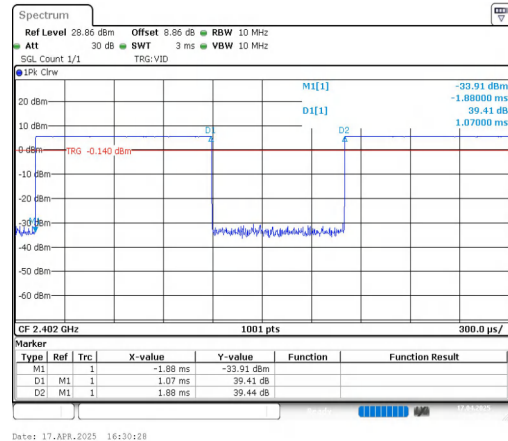
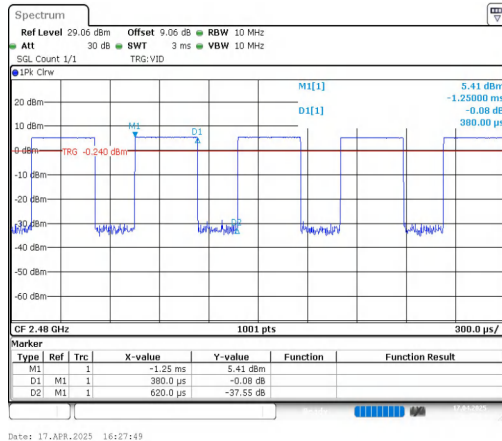


Test Graphs



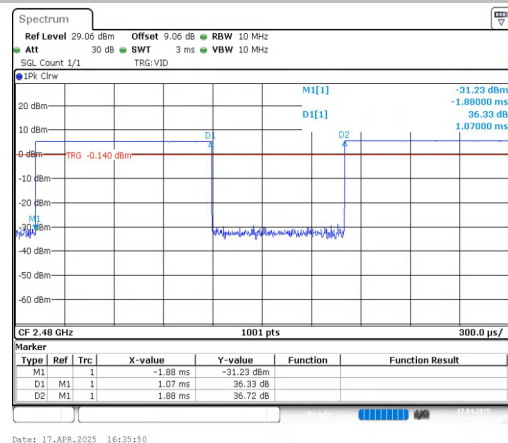
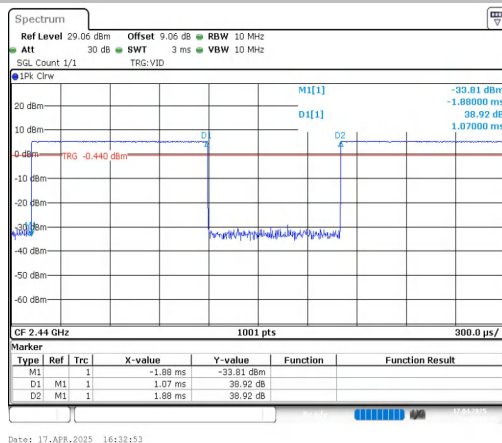
NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402



NTNV-BLE_2M-Ant1-2440

NTNV-BLE_2M-Ant1-2480

-----END-----