



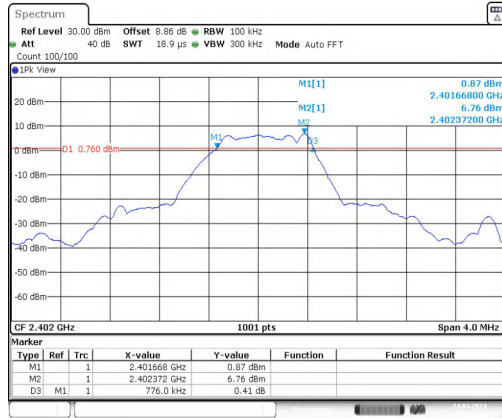
Appendix A: DTS Bandwidth

Test Result

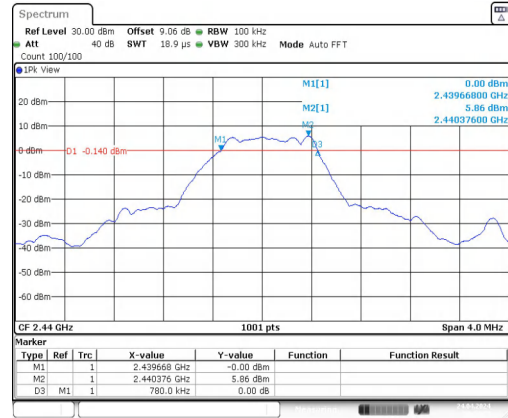
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.78	2401.67	2402.44	0.5	PASS
BLE_1M	Ant1	2440	0.78	2439.67	2440.45	0.5	PASS
BLE_1M	Ant1	2480	0.78	2479.67	2480.45	0.5	PASS
BLE_2M	Ant1	2402	1.16	2401.45	2402.60	0.5	PASS
BLE_2M	Ant1	2440	1.16	2439.45	2440.61	0.5	PASS
BLE_2M	Ant1	2480	1.16	2479.45	2480.60	0.5	PASS



Test Graphs



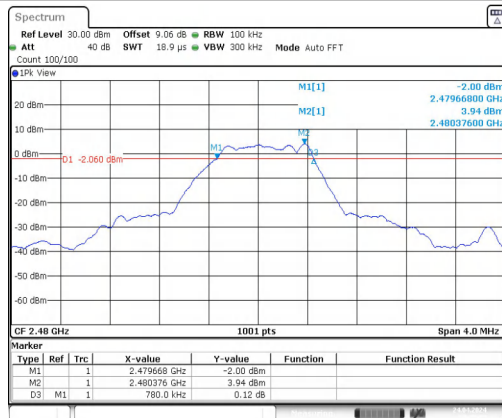
Date: 24.APR.2024 14:21:41



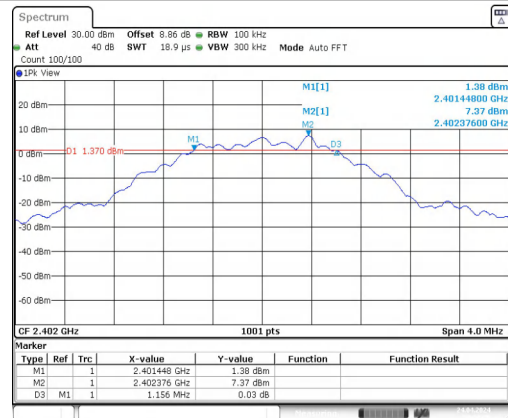
Date: 24.APR.2024 14:24:25

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



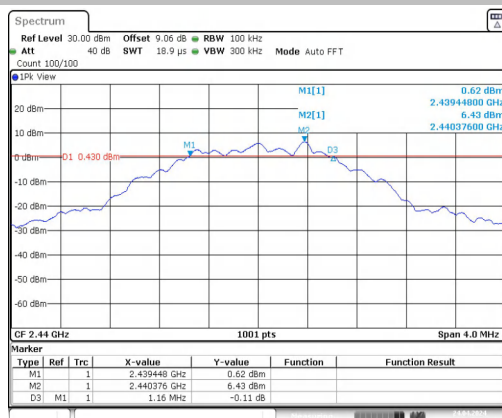
Date: 24.APR.2024 14:27:31



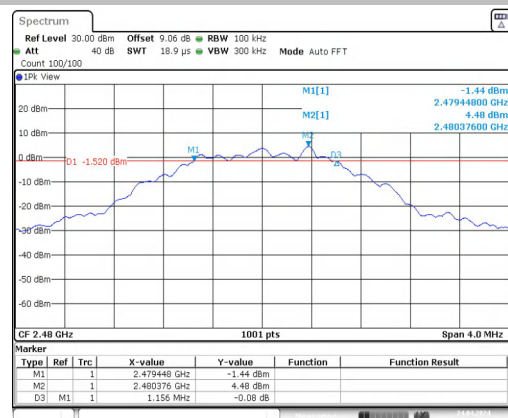
Date: 24.APR.2024 14:29:46

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 24.APR.2024 14:32:39



Date: 24.APR.2024 14:35:32

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



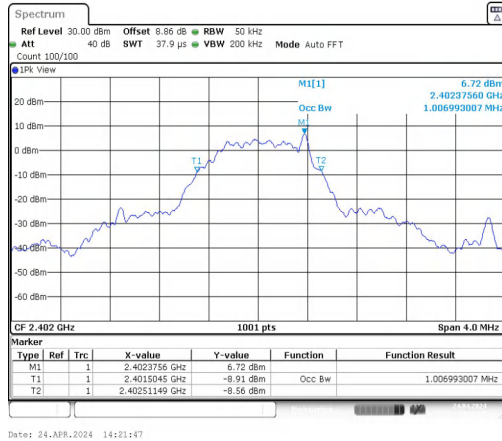
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.007	2401.5045	2402.5115	---	---
BLE_1M	Ant1	2440	1.007	2439.5045	2440.5115	---	---
BLE_1M	Ant1	2480	1.011	2479.5005	2480.5115	---	---
BLE_2M	Ant1	2402	1.982	2401.0250	2403.0070	---	---
BLE_2M	Ant1	2440	1.994	2439.0210	2441.0150	---	---
BLE_2M	Ant1	2480	2.006	2479.0130	2481.0190	---	---

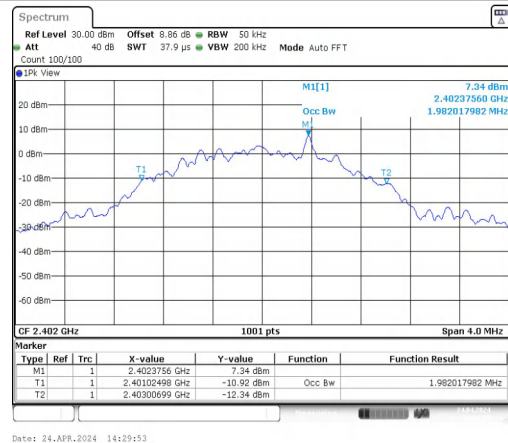
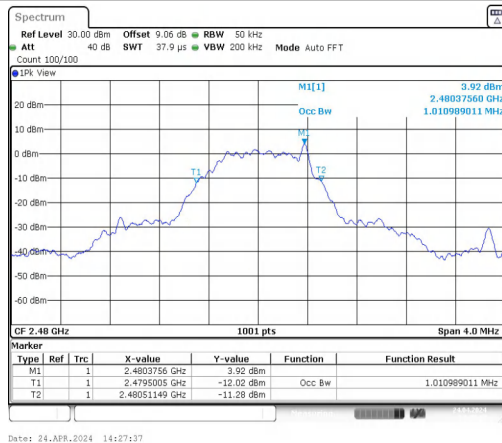


Test Graphs



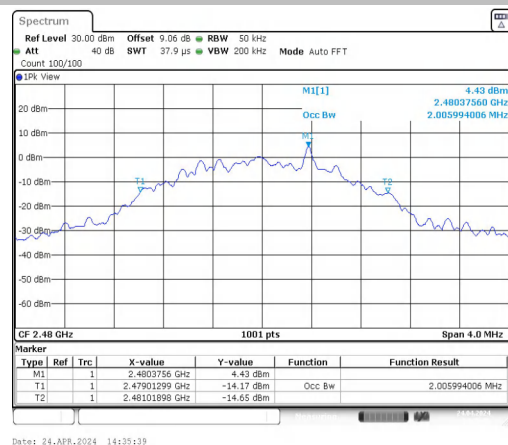
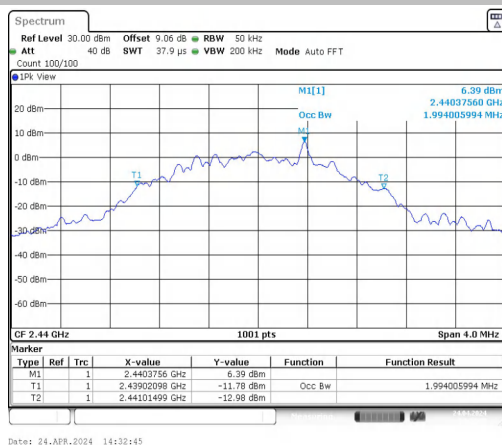
BLE_1M-Ant1-2402

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	7.57	≤30	1.20	8.77	≤36	PASS
BLE_1M	Ant1	2440	6.69	≤30	1.20	7.89	≤36	PASS
BLE_1M	Ant1	2480	4.78	≤30	1.20	5.98	≤36	PASS
BLE_2M	Ant1	2402	8.12	≤30	1.20	9.32	≤36	PASS
BLE_2M	Ant1	2440	7.22	≤30	1.20	8.42	≤36	PASS
BLE_2M	Ant1	2480	5.27	≤30	1.20	6.47	≤36	PASS



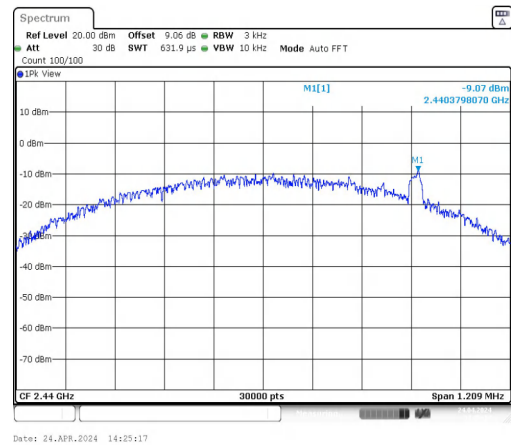
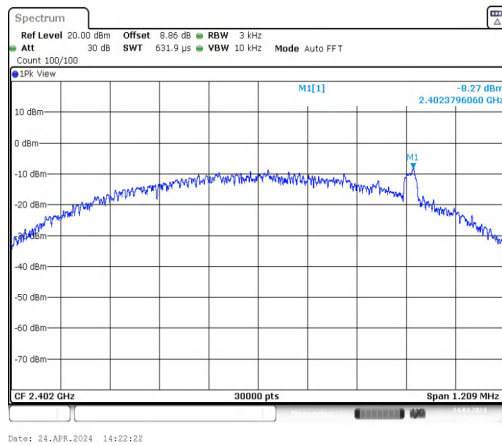
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.27	≤8.00	PASS
BLE_1M	Ant1	2440	-9.07	≤8.00	PASS
BLE_1M	Ant1	2480	-11.14	≤8.00	PASS
BLE_2M	Ant1	2402	-6.24	≤8.00	PASS
BLE_2M	Ant1	2440	-7.13	≤8.00	PASS
BLE_2M	Ant1	2480	-9.21	≤8.00	PASS

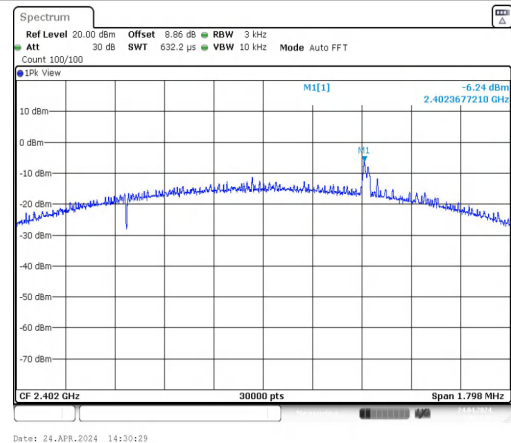
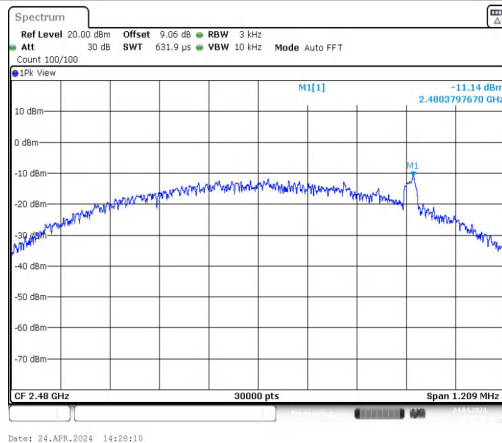


Test Graphs



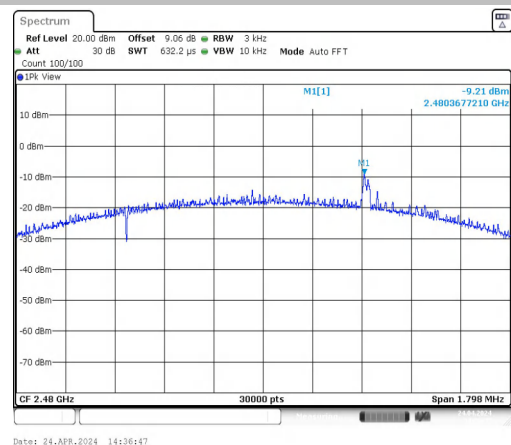
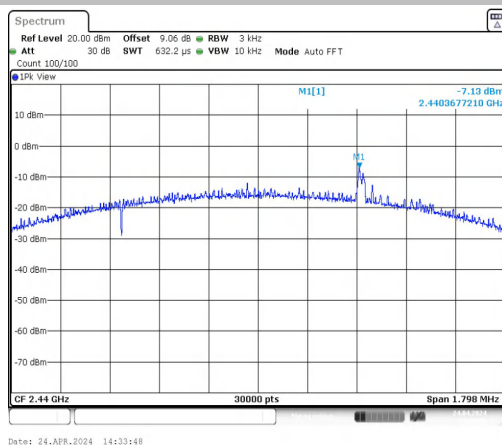
BLE_1M-Ant1-2402-PASS

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



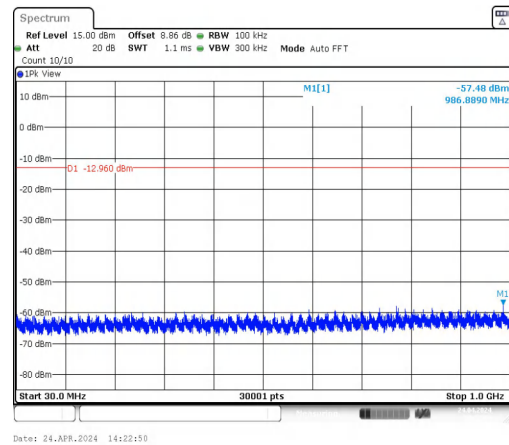
Appendix E: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	7.04	7.04	---	PASS
BLE_1M	Ant1	2402	30~1000	7.04	-57.48	≤-12.96	PASS
BLE_1M	Ant1	2402	1000~26500	7.04	-41.72	≤-12.96	PASS
BLE_1M	Ant1	2440	0~Reference	6.12	6.12	---	PASS
BLE_1M	Ant1	2440	30~1000	6.12	-53.19	≤-13.88	PASS
BLE_1M	Ant1	2440	1000~26500	6.12	-44.28	≤-13.88	PASS
BLE_1M	Ant1	2480	0~Reference	4.12	4.12	---	PASS
BLE_1M	Ant1	2480	30~1000	4.12	-51.08	≤-15.88	PASS
BLE_1M	Ant1	2480	1000~26500	4.12	-46.85	≤-15.88	PASS
BLE_2M	Ant1	2402	0~Reference	7.66	7.66	---	PASS
BLE_2M	Ant1	2402	30~1000	7.66	-56.69	≤-12.34	PASS
BLE_2M	Ant1	2402	1000~26500	7.66	-39.67	≤-12.34	PASS
BLE_2M	Ant1	2440	0~Reference	6.69	6.69	---	PASS
BLE_2M	Ant1	2440	30~1000	6.69	-50.64	≤-13.31	PASS
BLE_2M	Ant1	2440	1000~26500	6.69	-44.43	≤-13.31	PASS
BLE_2M	Ant1	2480	0~Reference	4.63	4.63	---	PASS
BLE_2M	Ant1	2480	30~1000	4.63	-57.93	≤-15.37	PASS
BLE_2M	Ant1	2480	1000~26500	4.63	-44.95	≤-15.37	PASS

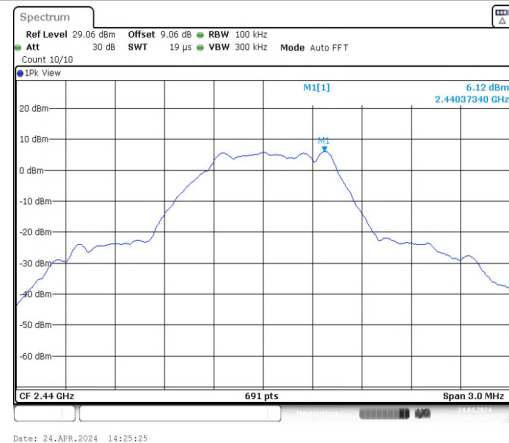
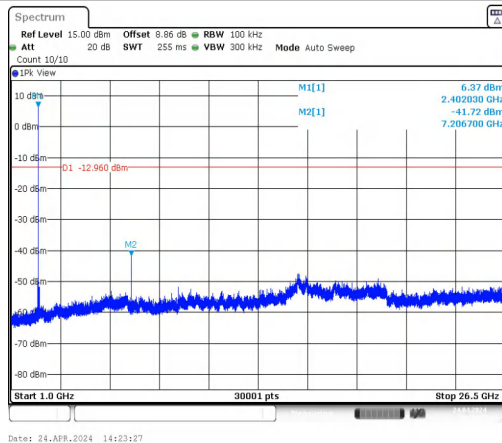


Test Graphs



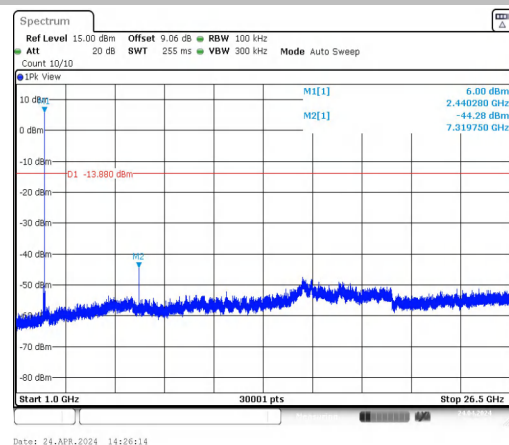
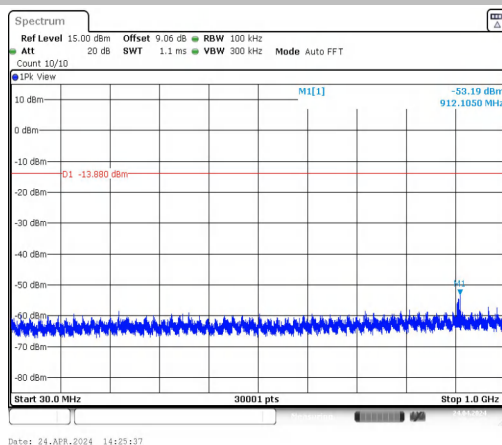
BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS



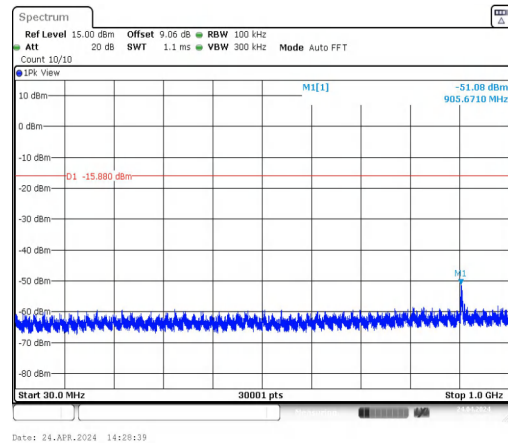
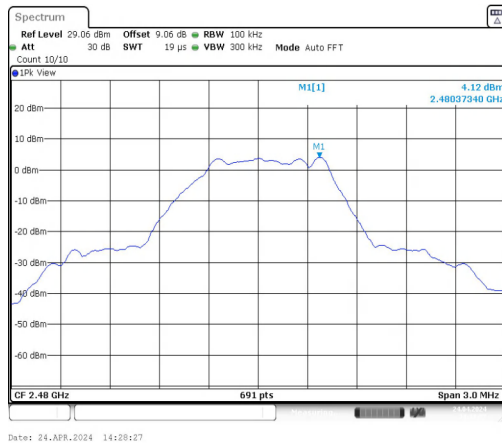
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS



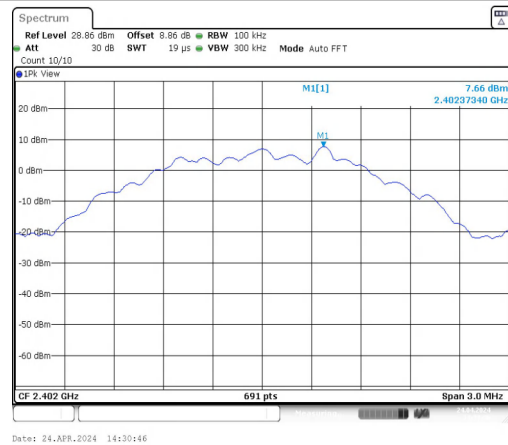
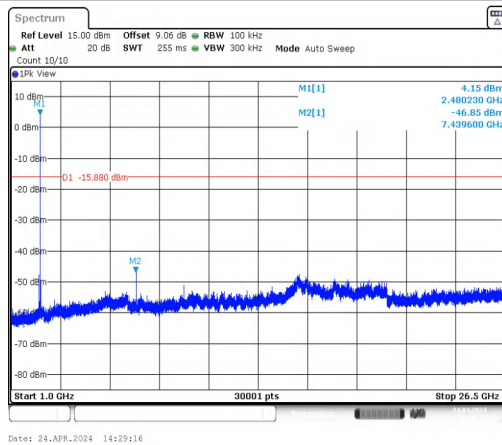
BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



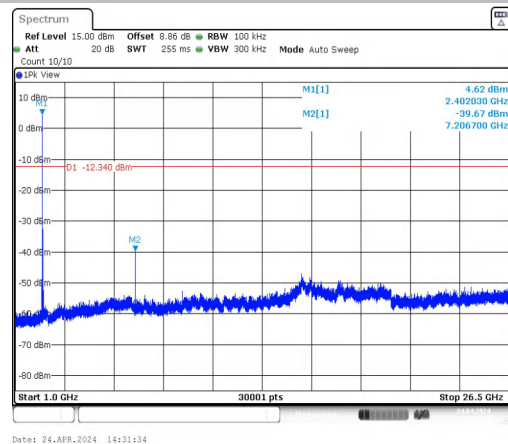
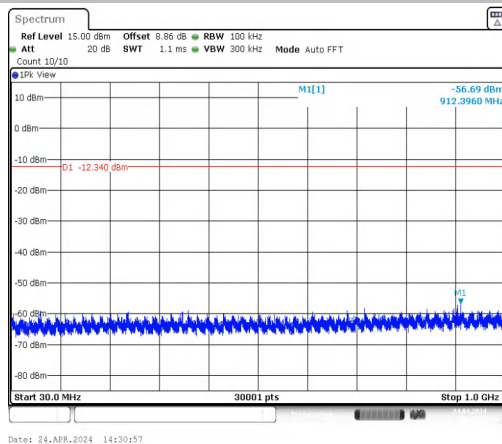
BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



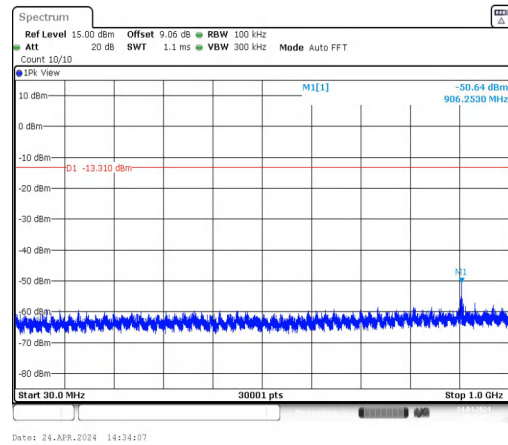
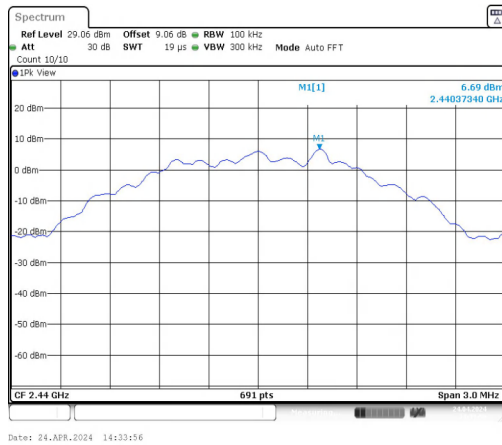
BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



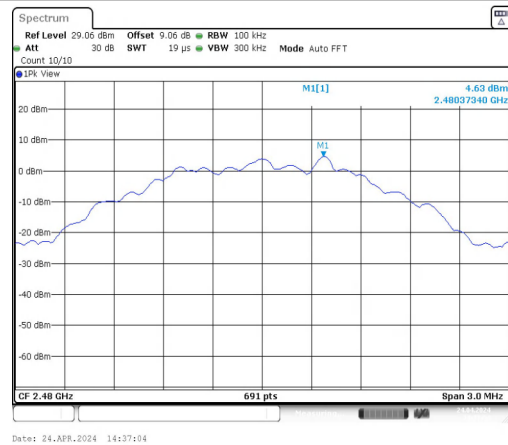
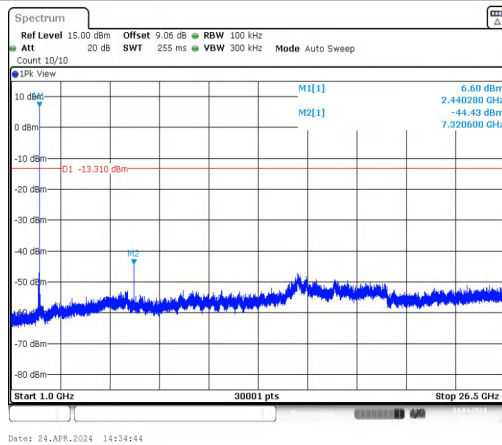
BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



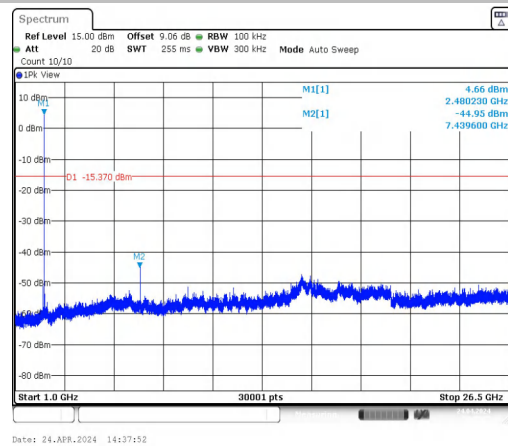
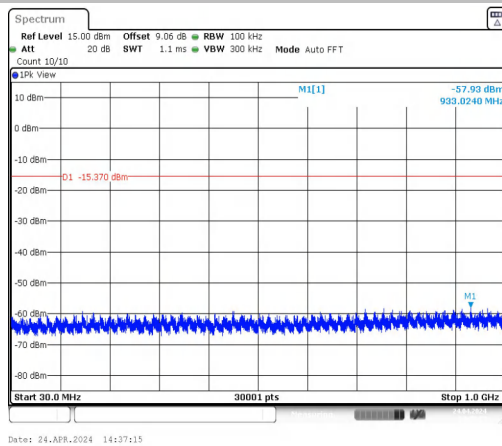
BLE_2M-Ant1-2440-0~Reference-PASS

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



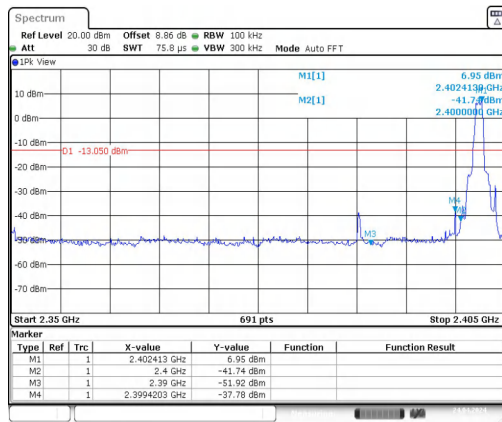
Appendix F: Band edge measurements

Test Result

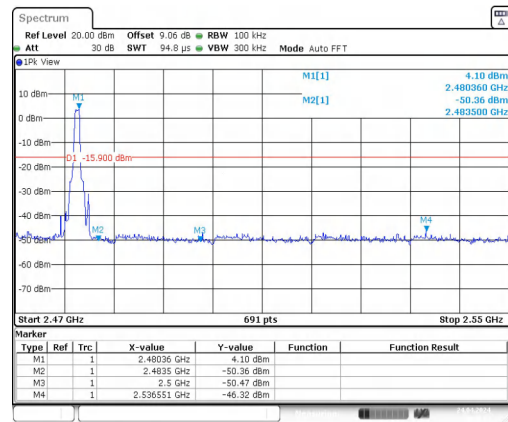
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	6.95	-37.78	≤ -13.05	PASS
BLE_1M	Ant1	High	2480	4.10	-46.32	≤ -15.9	PASS
BLE_2M	Ant1	Low	2402	7.57	-27.79	≤ -12.43	PASS
BLE_2M	Ant1	High	2480	4.62	-45.58	≤ -15.38	PASS



Test Graphs



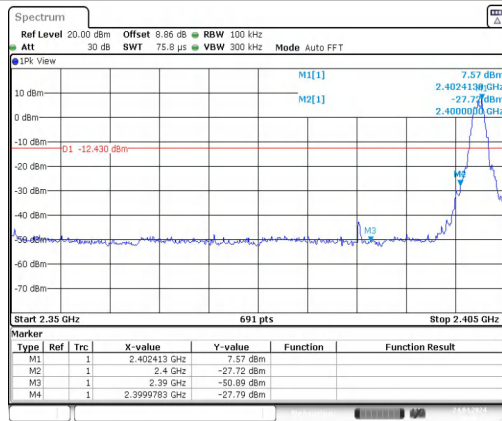
Date: 24.APR.2024 14:22:30



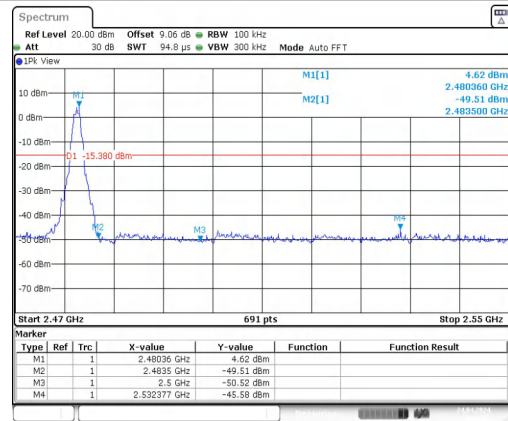
Date: 24.APR.2024 14:28:19

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



Date: 24.APR.2024 14:30:38



Date: 24.APR.2024 14:36:55

BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



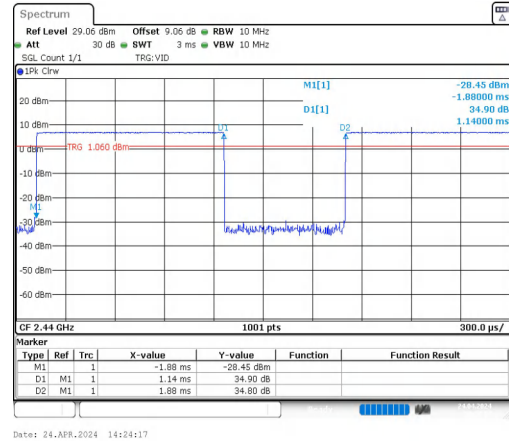
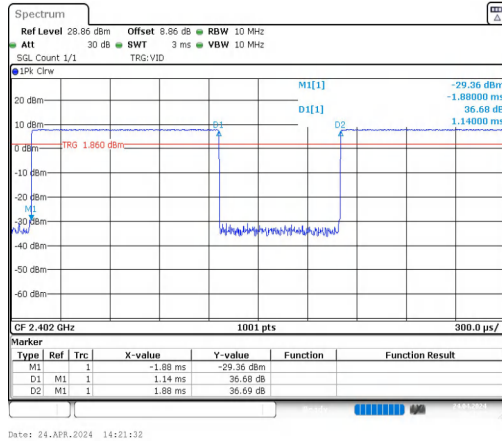
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	1.14	1.88	60.64
BLE_1M	Ant1	2440	1.14	1.88	60.64
BLE_1M	Ant1	2480	1.14	1.88	60.64
BLE_2M	Ant1	2402	0.59	1.25	47.20
BLE_2M	Ant1	2440	0.59	1.25	47.20
BLE_2M	Ant1	2480	0.59	1.25	47.20

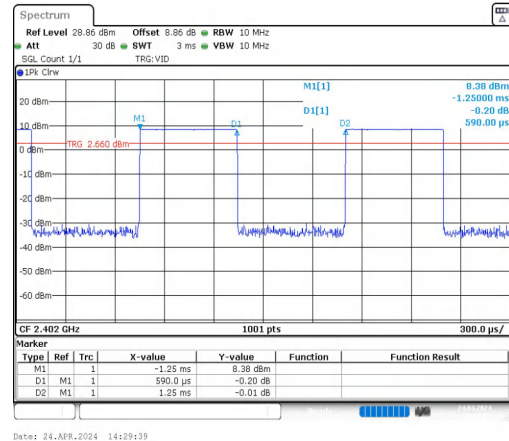
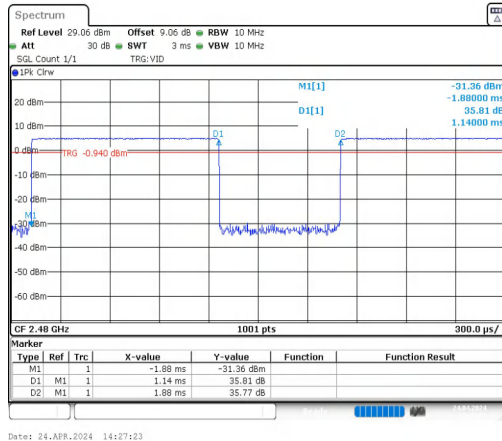


Test Graphs



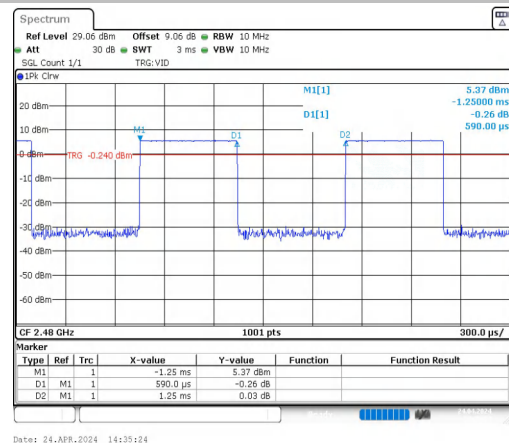
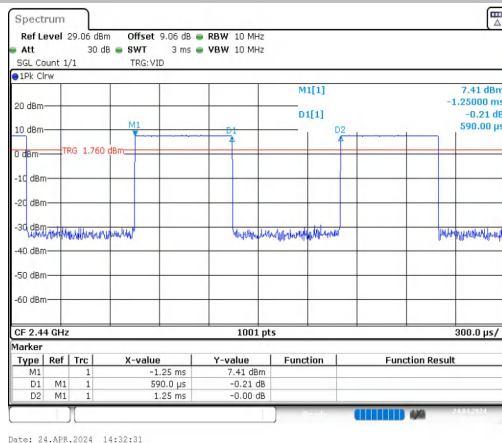
NTNV-BLE_1M-Ant1-2402

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-----