



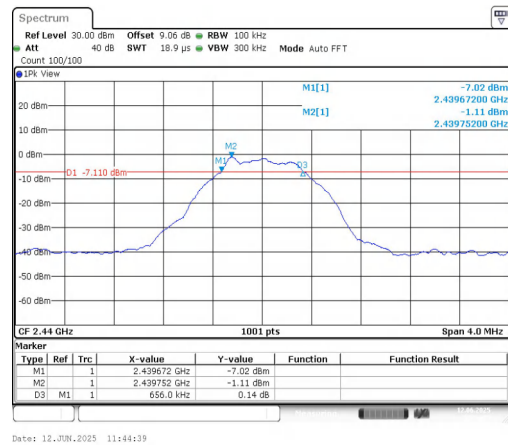
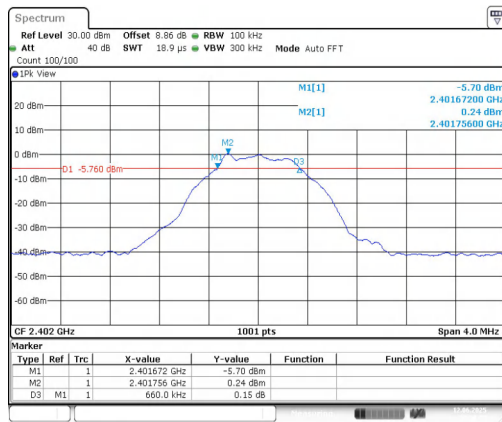
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.33	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.67	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.67	2480.33	0.5	PASS
BLE_2M	Ant1	2440	1.16	2439.42	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.15	2479.42	2480.57	0.5	PASS

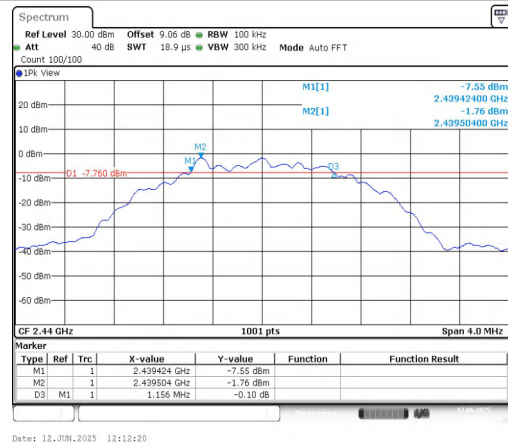
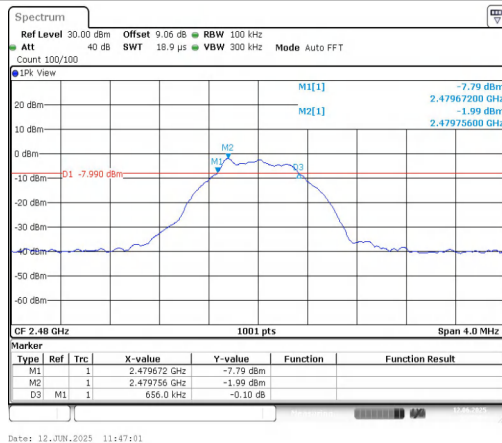


Test Graphs



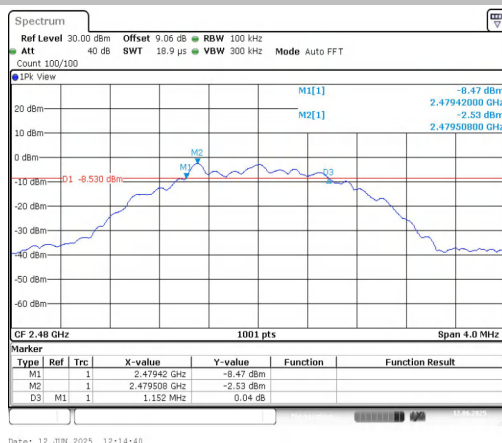
BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS



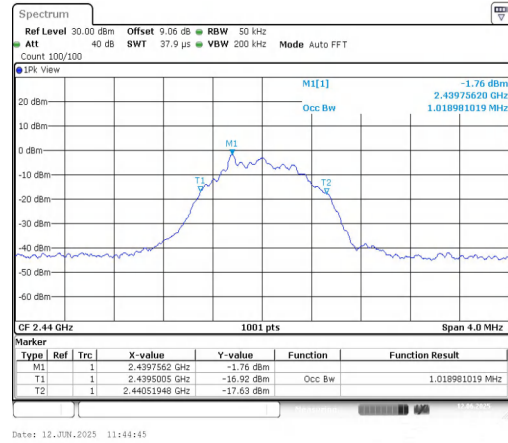
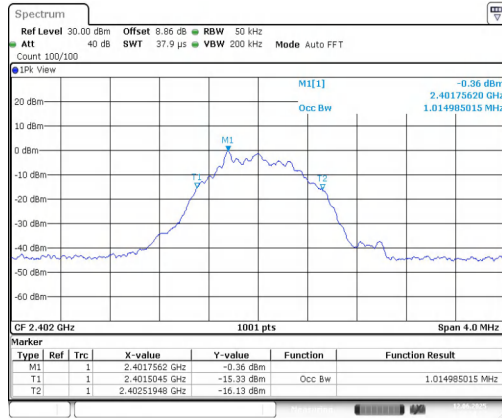
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.015	2401.5045	2402.5195	---	---
BLE_1M	Ant1	2440	1.019	2439.5005	2440.5195	---	---
BLE_1M	Ant1	2480	1.023	2479.4965	2480.5195	---	---
BLE_2M	Ant1	2402	2.03	2401.0090	2403.0390	---	---
BLE_2M	Ant1	2440	2.034	2438.9970	2441.0310	---	---
BLE_2M	Ant1	2480	2.034	2478.9890	2481.0230	---	---

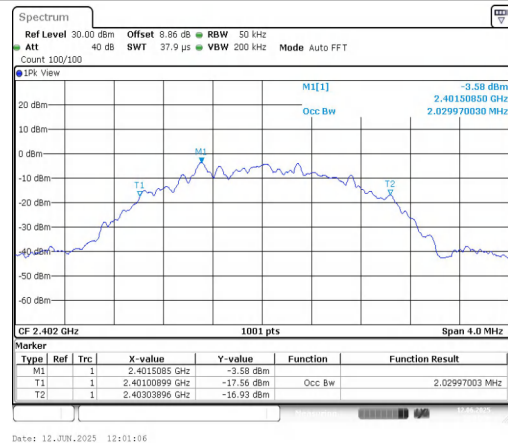
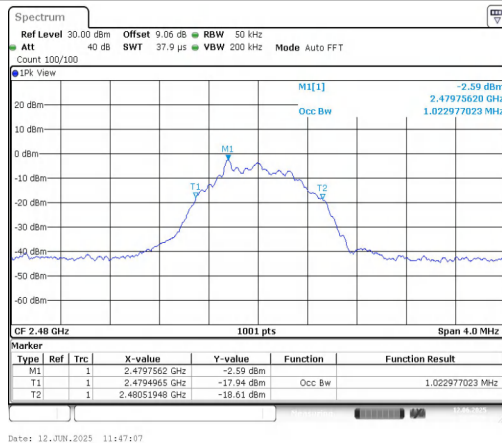


Test Graphs



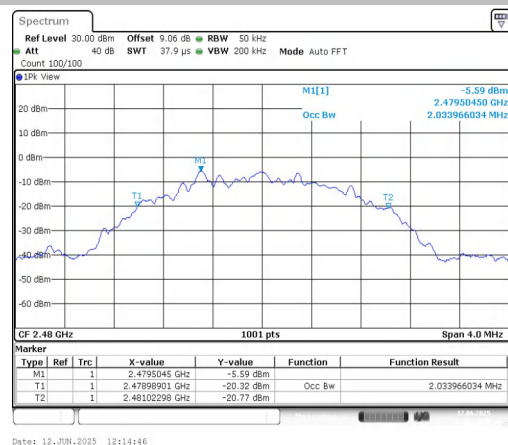
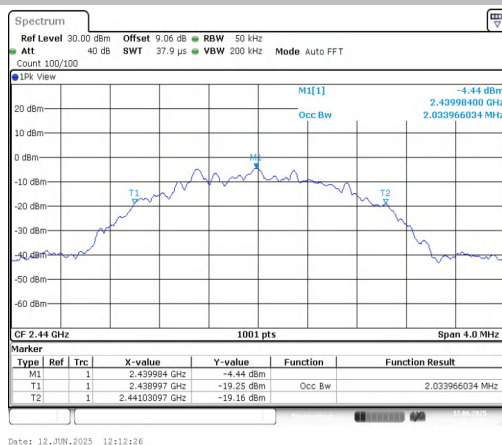
BLE_1M-Ant1-2402

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 Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0.88	≤30	3.74	4.62	≤36	PASS
BLE_1M	Ant1	2440	-0.59	≤30	3.74	3.15	≤36	PASS
BLE_1M	Ant1	2480	-1.59	≤30	3.74	2.15	≤36	PASS
BLE_2M	Ant1	2402	0.83	≤30	3.74	4.57	≤36	PASS
BLE_2M	Ant1	2440	-0.69	≤30	3.74	3.05	≤36	PASS
BLE_2M	Ant1	2480	-1.49	≤30	3.74	2.25	≤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	-4.89	32.00	4.95	0.06	≤30.00	3.74	3.80	≤36.00	PASS
BLE_1M	Ant1	2440	-6.24	32.00	4.95	-1.29	≤30.00	3.74	2.45	≤36.00	PASS
BLE_1M	Ant1	2480	-7.65	32.00	4.95	-2.70	≤30.00	3.74	1.04	≤36.00	PASS
BLE_2M	Ant1	2402	-2.32	57.75	2.38	0.06	≤30.00	3.74	3.80	≤36.00	PASS
BLE_2M	Ant1	2440	-1.30	100.00	0.00	-1.30	≤30.00	3.74	2.44	≤36.00	PASS
BLE_2M	Ant1	2480	-5.10	57.75	2.38	-2.72	≤30.00	3.74	1.02	≤36.00	PASS



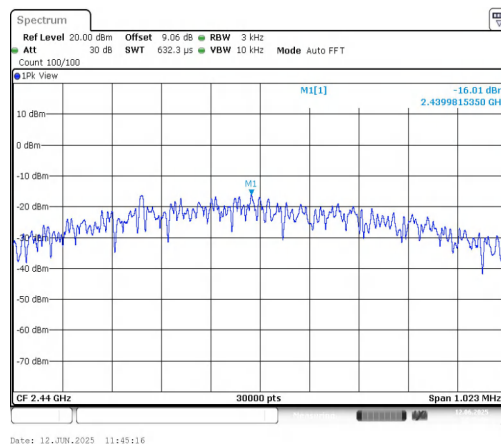
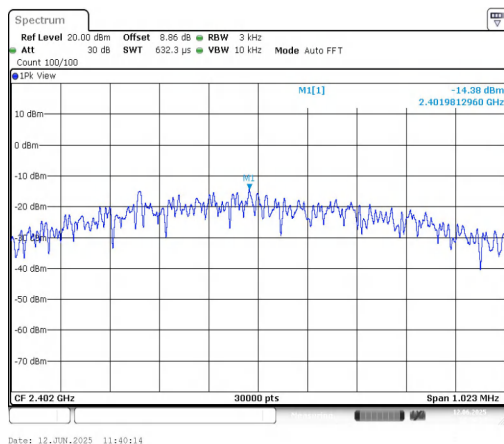
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.38	≤8.00	PASS
BLE_1M	Ant1	2440	-16.01	≤8.00	PASS
BLE_1M	Ant1	2480	-16.95	≤8.00	PASS
BLE_2M	Ant1	2402	-19.35	≤8.00	PASS
BLE_2M	Ant1	2440	-20.11	≤8.00	PASS
BLE_2M	Ant1	2480	-21.51	≤8.00	PASS

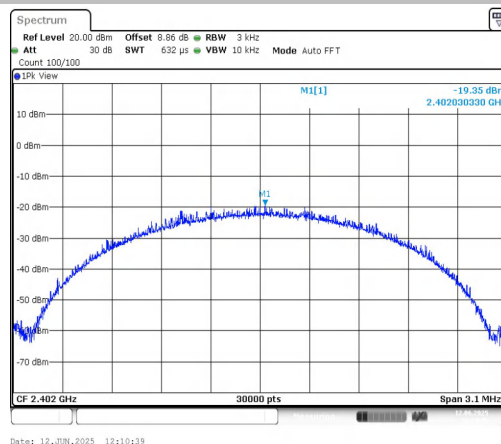
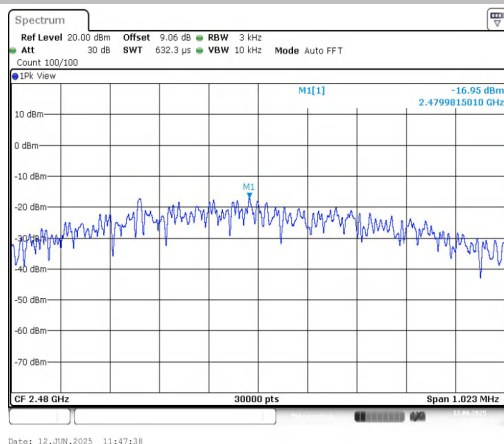


Test Graphs



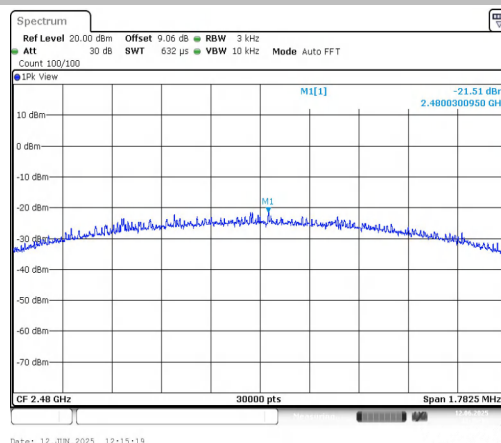
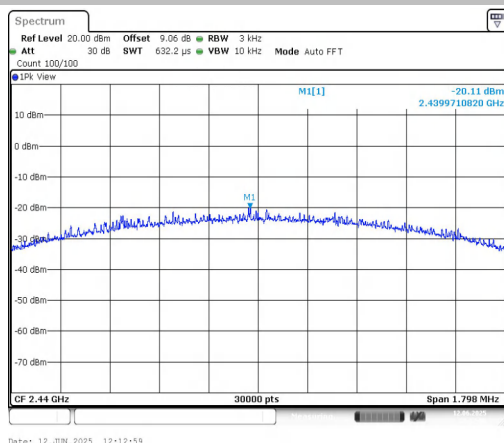
BLE_1M-Ant1-2402-PASS

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



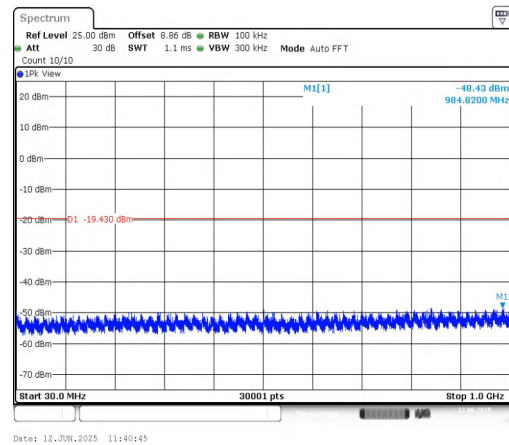
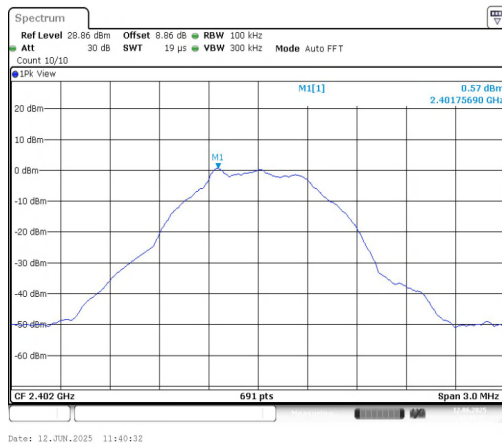
Appendix E: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.57	0.57	---	PASS
BLE_1M	Ant1	2402	30~1000	0.57	-48.43	≤ -19.43	PASS
BLE_1M	Ant1	2402	1000~26500	0.57	-37.41	≤ -19.43	PASS
BLE_1M	Ant1	2440	0~Reference	-0.87	-0.87	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.87	-47.22	≤ -20.87	PASS
BLE_1M	Ant1	2440	1000~26500	-0.87	-37.2	≤ -20.87	PASS
BLE_1M	Ant1	2480	0~Reference	-1.80	-1.80	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.80	-48.01	≤ -21.8	PASS
BLE_1M	Ant1	2480	1000~26500	-1.80	-37.24	≤ -21.8	PASS
BLE_2M	Ant1	2402	0~Reference	-0.11	-0.11	---	PASS
BLE_2M	Ant1	2402	30~1000	-0.11	-48.34	≤ -20.11	PASS
BLE_2M	Ant1	2402	1000~26500	-0.11	-36.54	≤ -20.11	PASS
BLE_2M	Ant1	2440	0~Reference	-1.49	-1.49	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.49	-47.15	≤ -21.49	PASS
BLE_2M	Ant1	2440	1000~26500	-1.49	-35.4	≤ -21.49	PASS
BLE_2M	Ant1	2480	0~Reference	-2.34	-2.34	---	PASS
BLE_2M	Ant1	2480	30~1000	-2.34	-47.62	≤ -22.34	PASS
BLE_2M	Ant1	2480	1000~26500	-2.34	-36.94	≤ -22.34	PASS

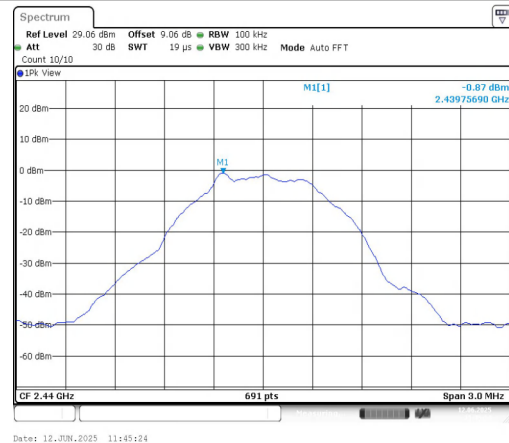
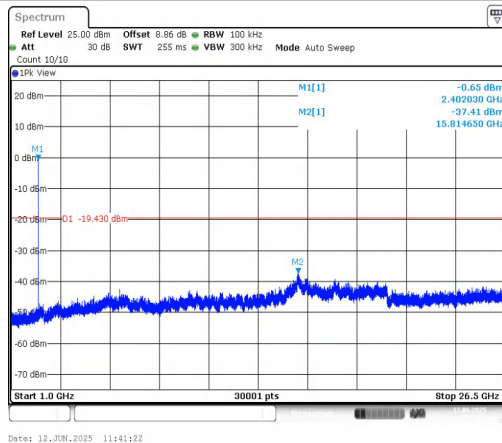


Test Graphs



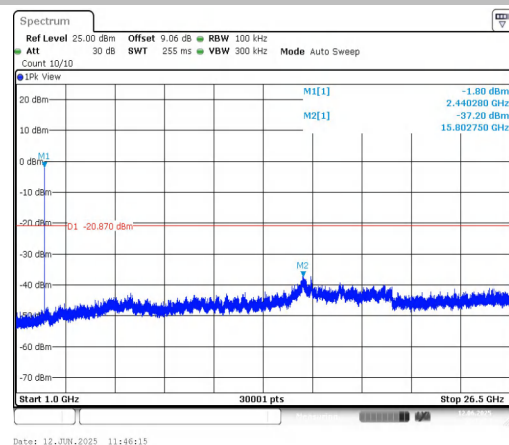
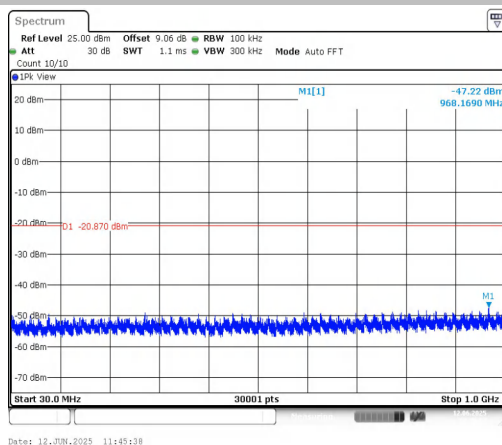
BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS



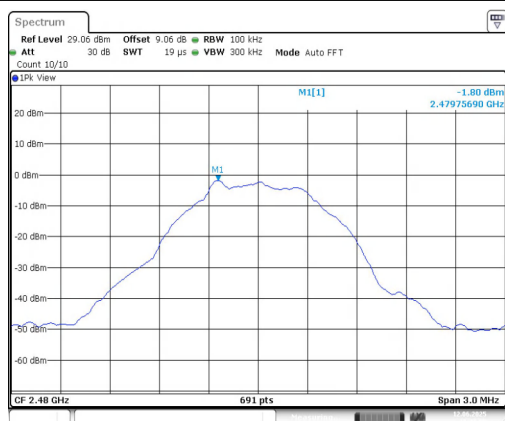
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS

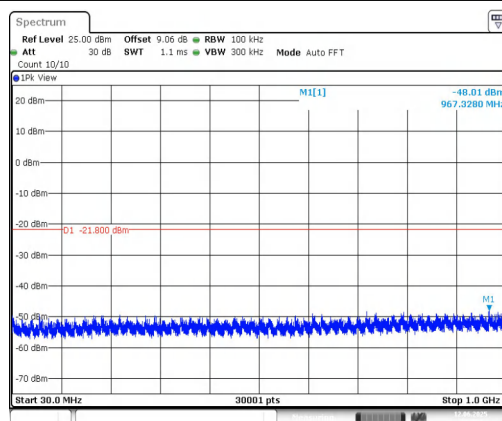


BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



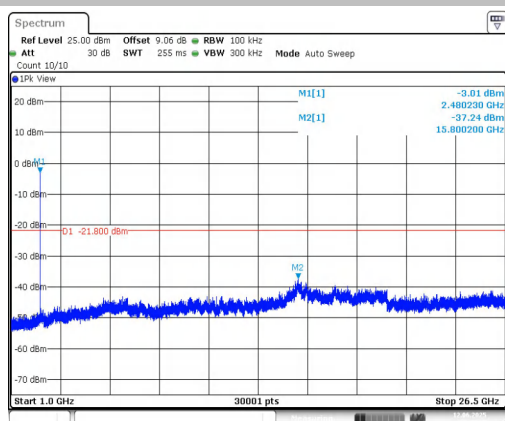
Date: 12.JUN.2025 11:47:56



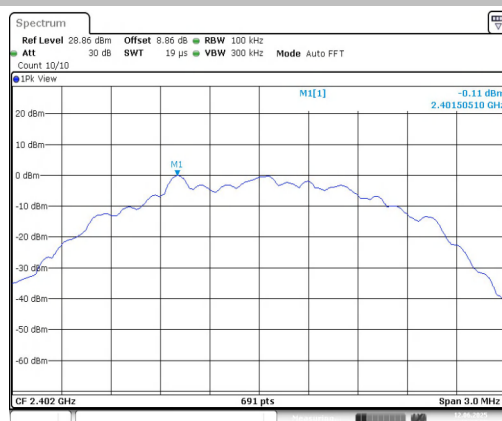
Date: 12.JUN.2025 11:48:09

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



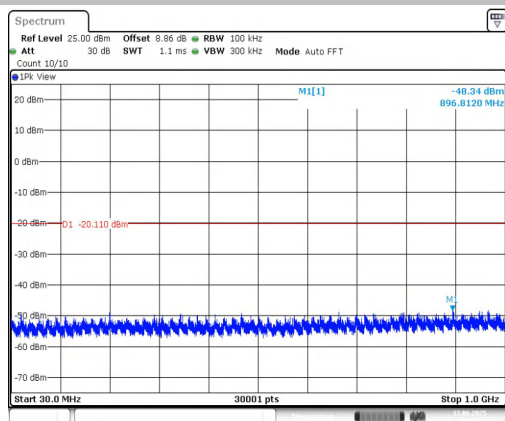
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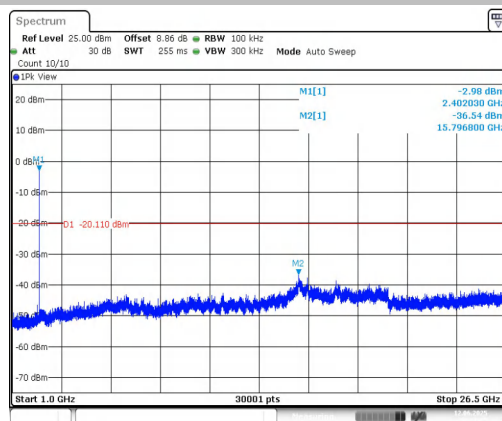
Date: 12.JUN.2025 12:10:55

BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



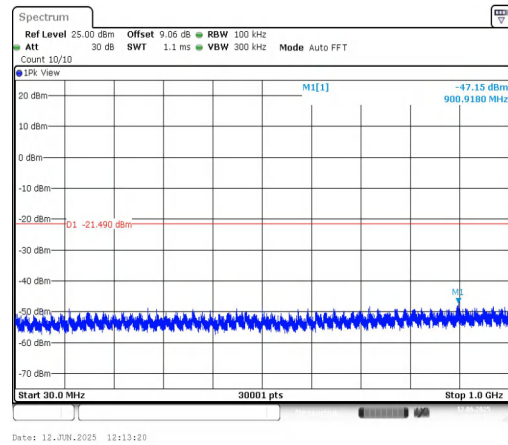
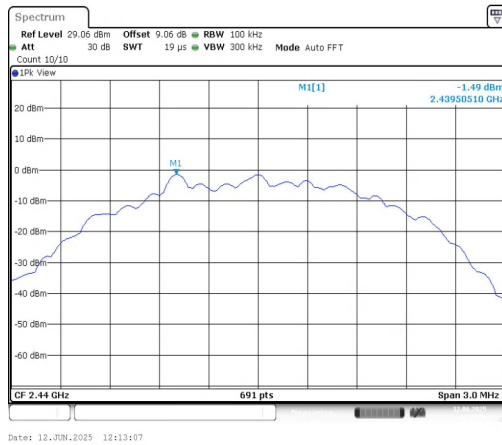
Date: 12.JUN.2025 12:11:09



Date: 12.JUN.2025 12:11:46

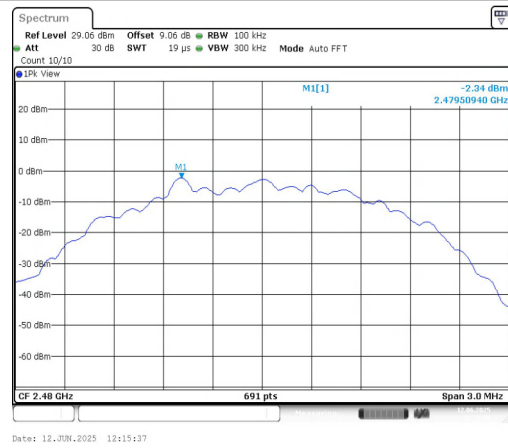
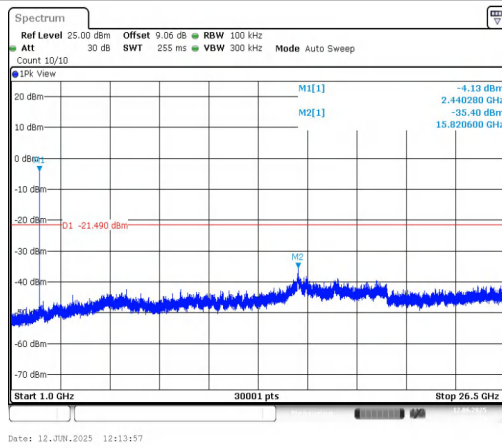
BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



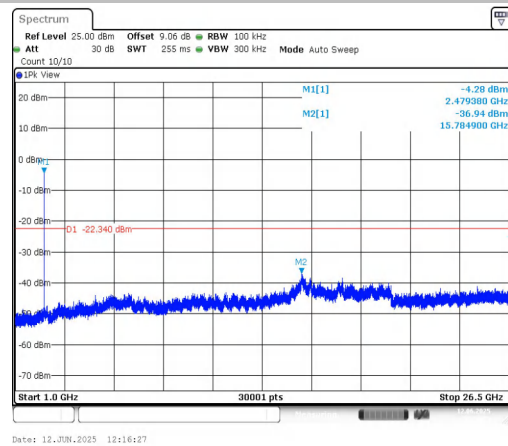
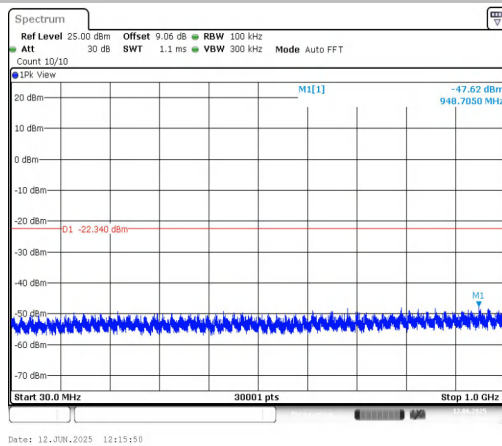
BLE_2M-Ant1-2440-0~Reference-PASS

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



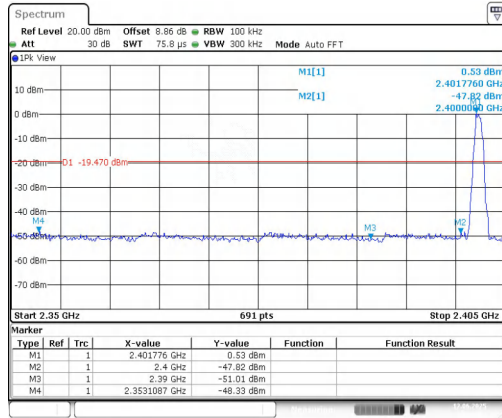
Appendix F: Band edge measurements

Test Result

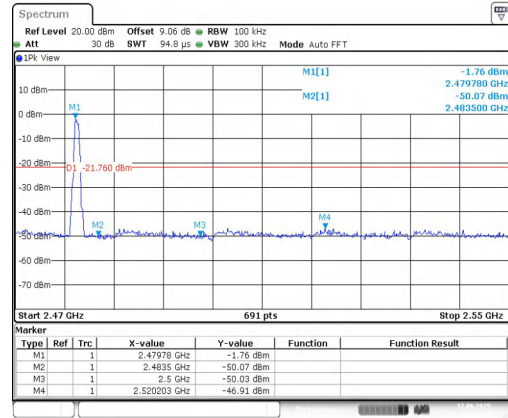
Test Mode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.53	-48.33	≤ -19.47	PASS
BLE_1M	Ant1	High	2480	-1.76	-46.91	≤ -21.76	PASS
BLE_2M	Ant1	Low	2402	-0.34	-44.96	≤ -20.34	PASS
BLE_2M	Ant1	High	2480	-2.33	-46.29	≤ -22.33	PASS



Test Graphs



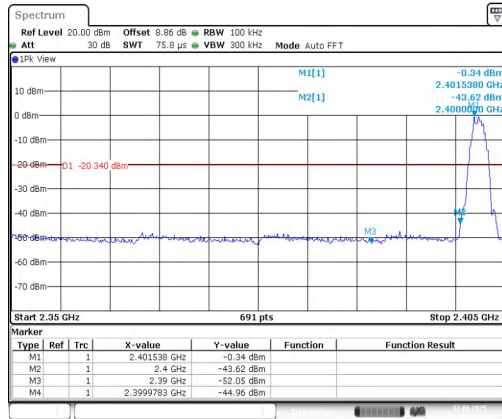
Date: 12.JUN.2025 11:40:24



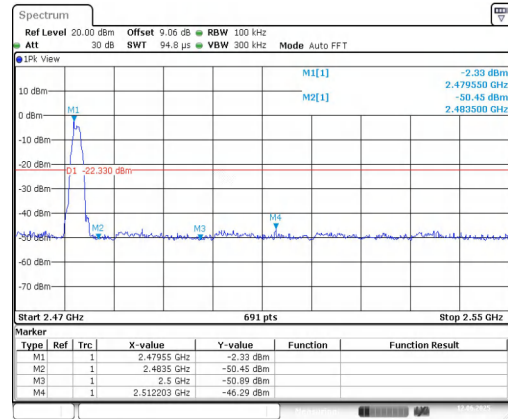
Date: 12.JUN.2025 11:47:47

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



Date: 12.JUN.2025 12:10:48



Date: 12.JUN.2025 12:15:28

BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



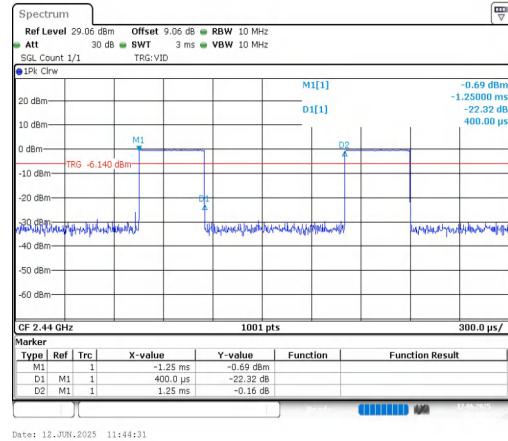
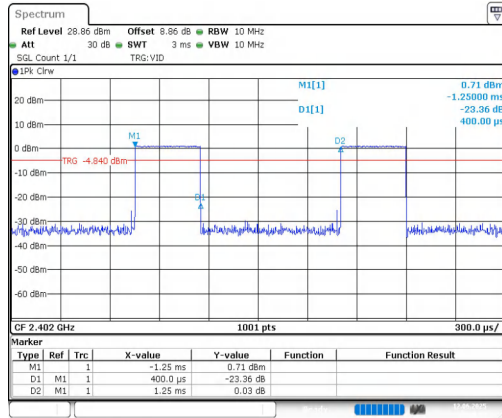
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	0.40	1.25	32.00
BLE_1M	Ant1	2440	0.40	1.25	32.00
BLE_1M	Ant1	2480	0.40	1.25	32.00
BLE_2M	Ant1	2402	1.08	1.87	57.75
BLE_2M	Ant1	2440	0.00	0.79	100
BLE_2M	Ant1	2480	1.08	1.87	57.75

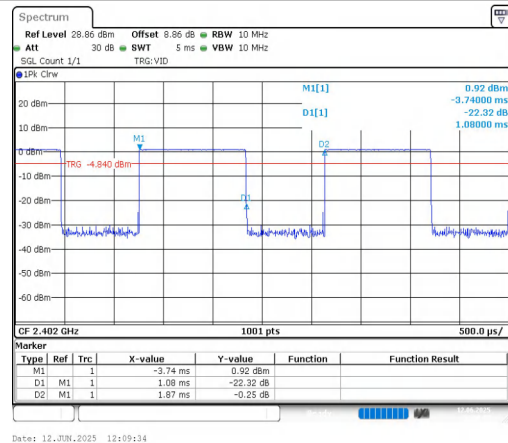
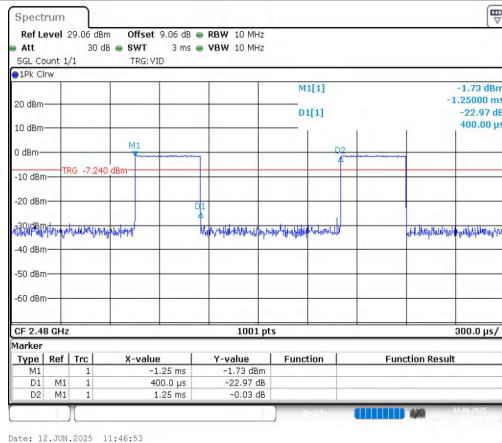


Test Graphs



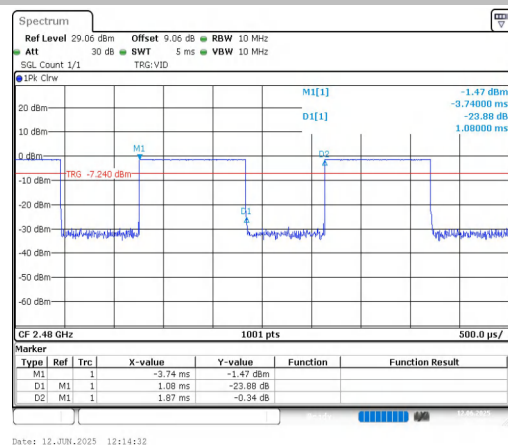
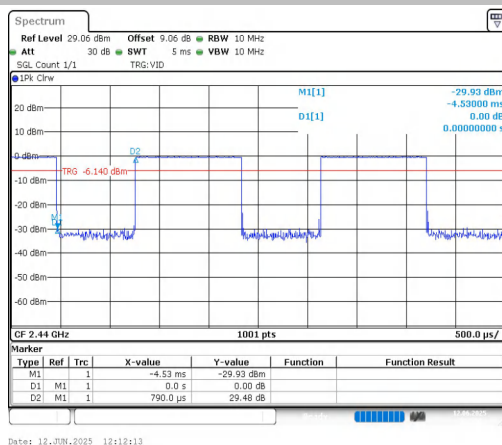
NTNV-BLE_1M-Ant1-2402

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-----