



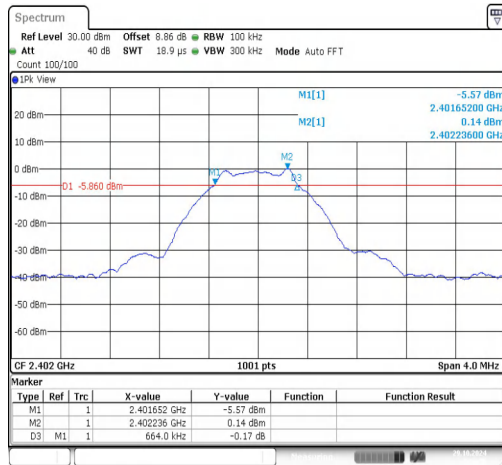
Appendix A: DTS Bandwidth

Test Result

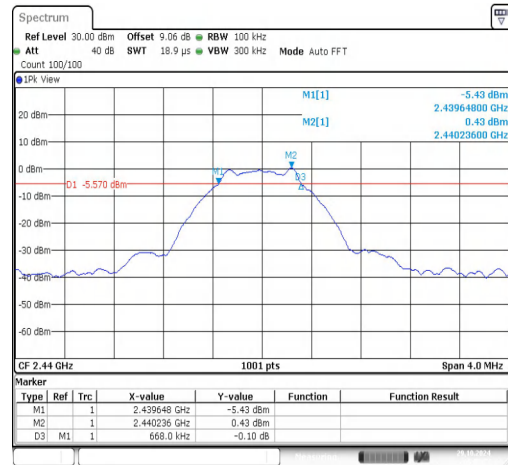
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.65	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.67	2439.65	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.65	2480.31	0.5	PASS
BLE_2M	Ant1	2402	1.24	2401.34	2402.58	0.5	PASS
BLE_2M	Ant1	2440	1.24	2439.34	2440.57	0.5	PASS
BLE_2M	Ant1	2480	1.24	2479.33	2480.57	0.5	PASS



Test Graphs

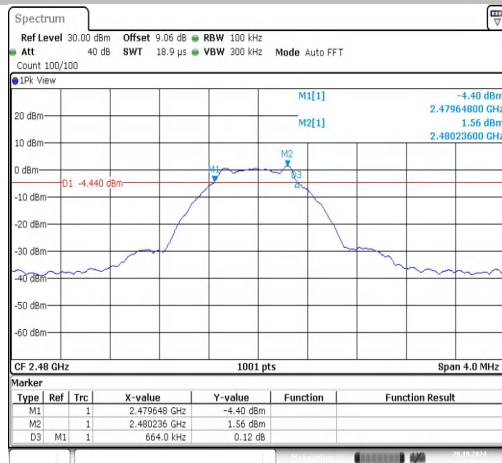


Date: 29.OCT.2024 14:56:37



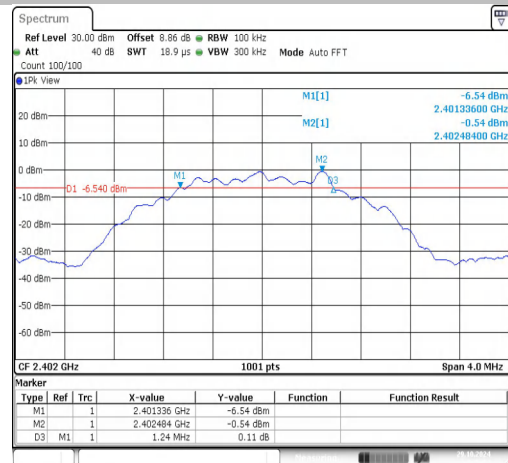
Date: 29.OCT.2024 15:07:31

BLE_1M-Ant1-2402-PASS



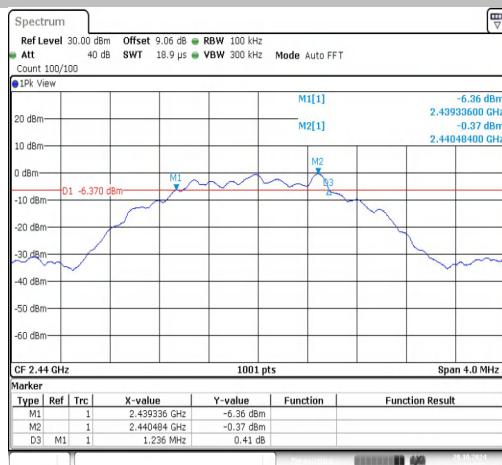
Date: 29.OCT.2024 15:09:33

BLE_1M-Ant1-2440-PASS



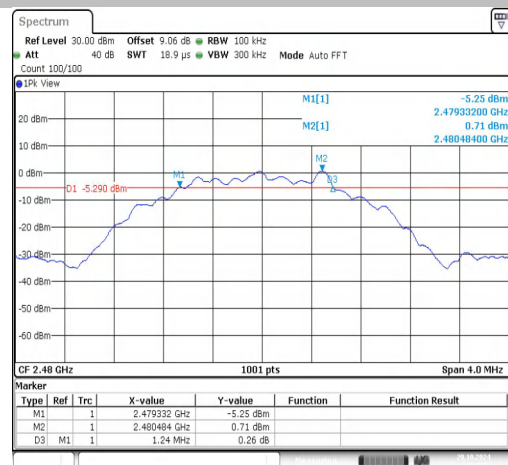
Date: 29.OCT.2024 15:25:05

BLE_1M-Ant1-2480-PASS



Date: 29.OCT.2024 15:26:59

BLE_2M-Ant1-2402-PASS



Date: 29.OCT.2024 15:29:32

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



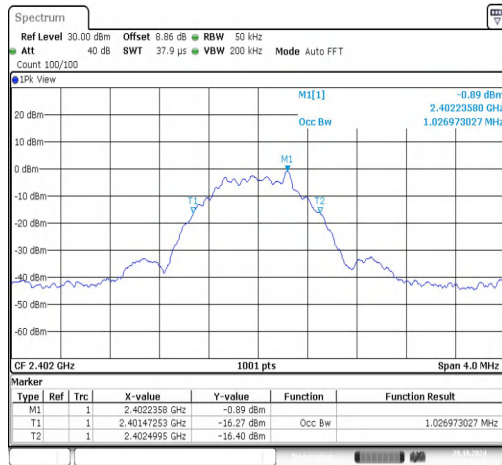
Appendix B: Occupied Channel Bandwidth

Test Result

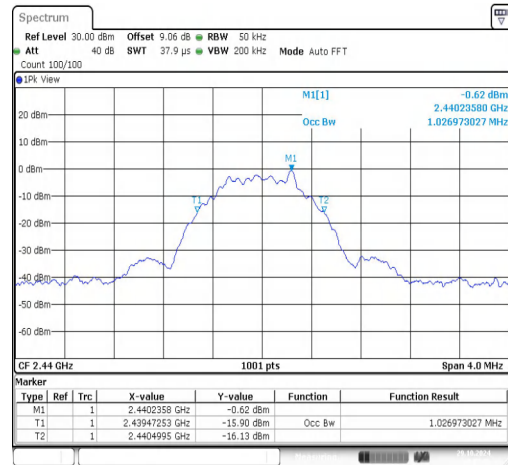
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.027	2401.4725	2402.4995	---	---
BLE_1M	Ant1	2440	1.027	2439.4725	2440.4995	---	---
BLE_1M	Ant1	2480	1.031	2479.4685	2480.4995	---	---
BLE_2M	Ant1	2402	2.054	2400.9730	2403.0270	---	---
BLE_2M	Ant1	2440	2.058	2438.9690	2441.0270	---	---
BLE_2M	Ant1	2480	2.054	2478.9730	2481.0270	---	---



Test Graphs

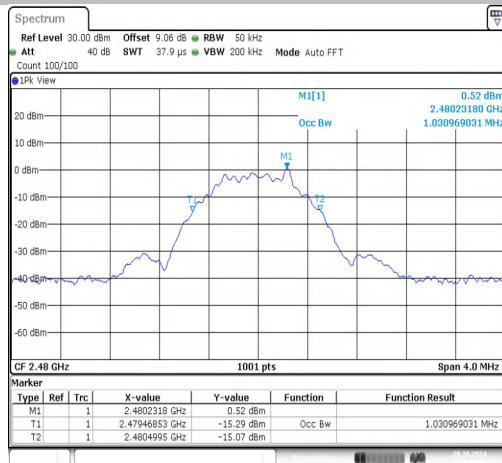


Date: 29.OCT.2024 14:56:45



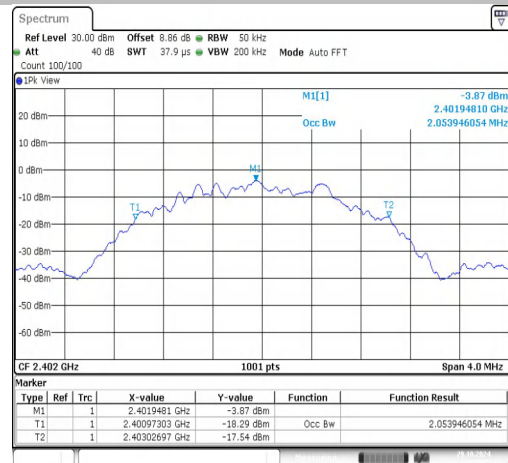
Date: 29.OCT.2024 15:07:39

BLE_1M-Ant1-2402



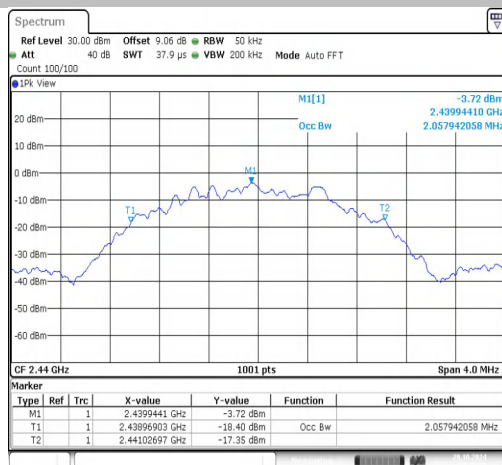
Date: 29.OCT.2024 15:09:41

BLE_1M-Ant1-2440



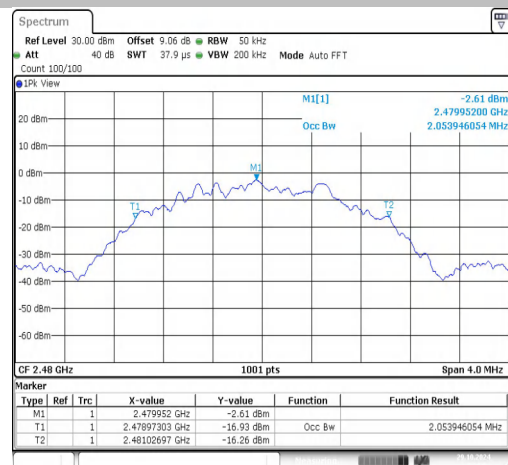
Date: 29.OCT.2024 15:25:12

BLE_1M-Ant1-2480



Date: 29.OCT.2024 15:27:06

BLE_2M-Ant1-2402



Date: 29.OCT.2024 15:29:39

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	0.91	≤30	0.70	1.61	≤36	PASS
BLE_1M	Ant1	2440	0.77	≤30	0.70	1.47	≤36	PASS
BLE_1M	Ant1	2480	1.92	≤30	0.70	2.62	≤36	PASS
BLE_2M	Ant1	2402	0.77	≤30	0.70	1.47	≤36	PASS
BLE_2M	Ant1	2440	0.96	≤30	0.70	1.66	≤36	PASS
BLE_2M	Ant1	2480	2.00	≤30	0.70	2.70	≤36	PASS



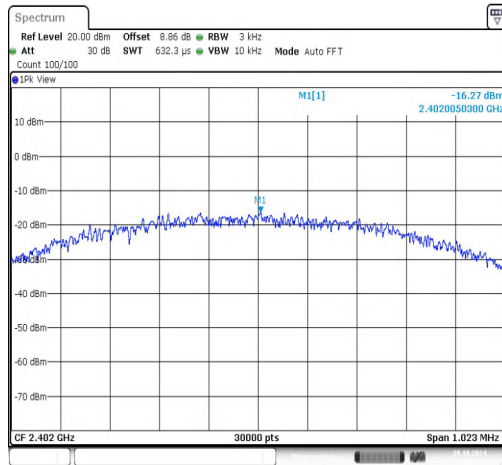
Appendix D: Maximum power spectral density

Test Result

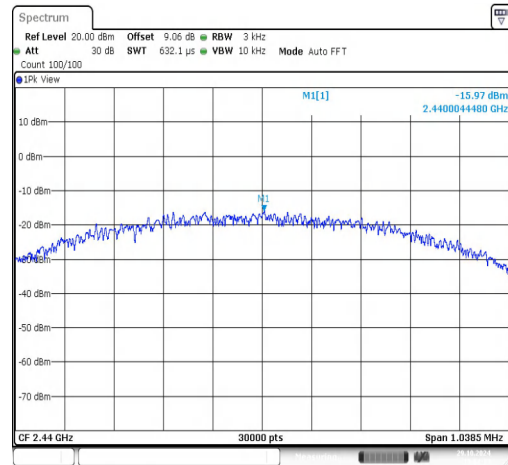
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.27	≤8.00	PASS
BLE_1M	Ant1	2440	-15.97	≤8.00	PASS
BLE_1M	Ant1	2480	-14.69	≤8.00	PASS
BLE_2M	Ant1	2402	-18.65	≤8.00	PASS
BLE_2M	Ant1	2440	-18.46	≤8.00	PASS
BLE_2M	Ant1	2480	-17.46	≤8.00	PASS



Test Graphs



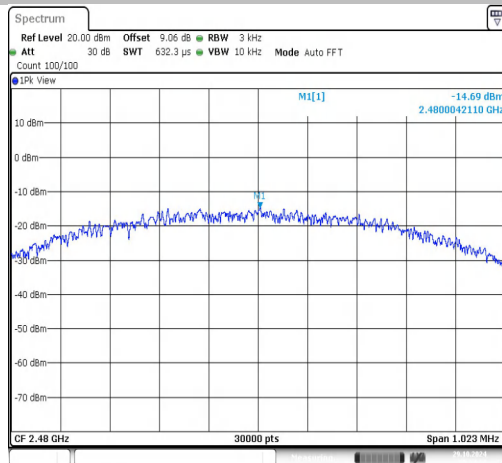
Date: 29.OCT.2024 14:57:22



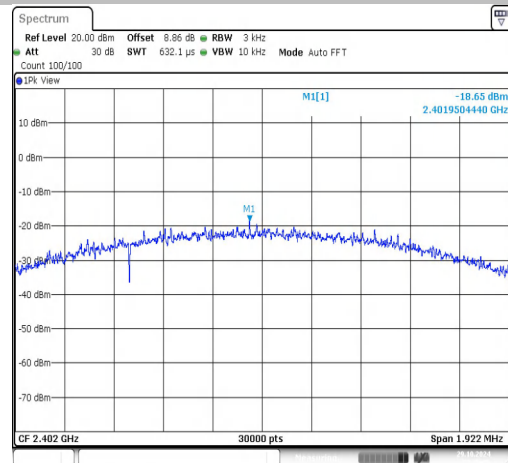
Date: 29.OCT.2024 15:08:15

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



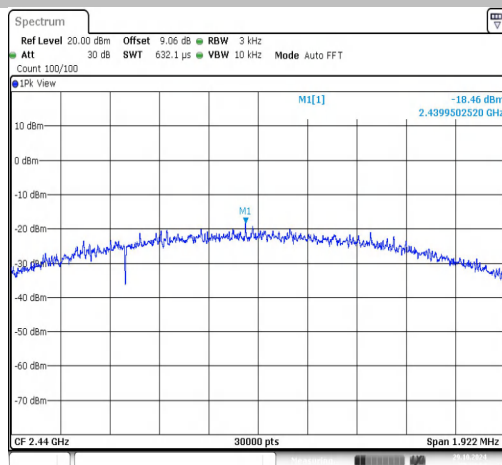
Date: 29.OCT.2024 15:24:05



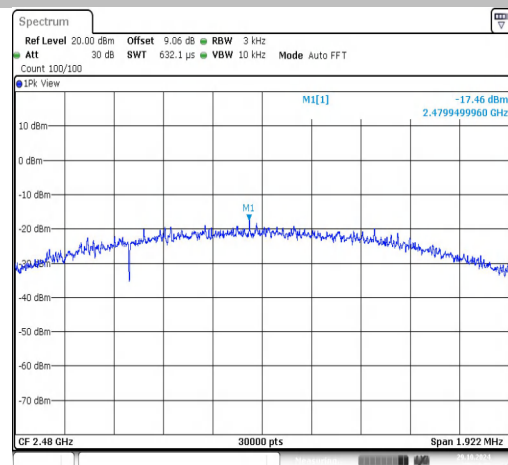
Date: 29.OCT.2024 15:25:48

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 29.OCT.2024 15:28:34



Date: 29.OCT.2024 15:30:46

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



Appendix E: Conducted Spurious Emission

Test Result

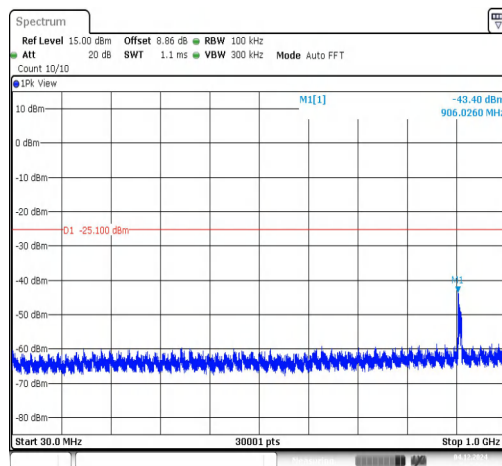
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-5.10	-5.10	---	PASS
BLE_1M	Ant1	2402	30~1000	-5.10	-43.4	≤ -25.1	PASS
BLE_1M	Ant1	2402	1000~26500	-5.10	-47.82	≤ -25.1	PASS
BLE_1M	Ant1	2440	0~Reference	-5.75	-5.75	---	PASS
BLE_1M	Ant1	2440	30~1000	-5.75	-58.08	≤ -25.75	PASS
BLE_1M	Ant1	2440	1000~26500	-5.75	-47.1	≤ -25.75	PASS
BLE_1M	Ant1	2480	0~Reference	-5.29	-5.29	---	PASS
BLE_1M	Ant1	2480	30~1000	-5.29	-48.73	≤ -25.29	PASS
BLE_1M	Ant1	2480	1000~26500	-5.29	-47.86	≤ -25.29	PASS
BLE_2M	Ant1	2402	0~Reference	-5.86	-5.86	---	PASS
BLE_2M	Ant1	2402	30~1000	-5.86	-58.36	≤ -25.86	PASS
BLE_2M	Ant1	2402	1000~26500	-5.86	-47.24	≤ -25.86	PASS
BLE_2M	Ant1	2440	0~Reference	-6.43	-6.43	---	PASS
BLE_2M	Ant1	2440	30~1000	-6.43	-44.85	≤ -26.43	PASS
BLE_2M	Ant1	2440	1000~26500	-6.43	-47.95	≤ -26.43	PASS
BLE_2M	Ant1	2480	0~Reference	-6.04	-6.04	---	PASS
BLE_2M	Ant1	2480	30~1000	-6.04	-44.61	≤ -26.04	PASS
BLE_2M	Ant1	2480	1000~26500	-6.04	-46.76	≤ -26.04	PASS



Test Graphs

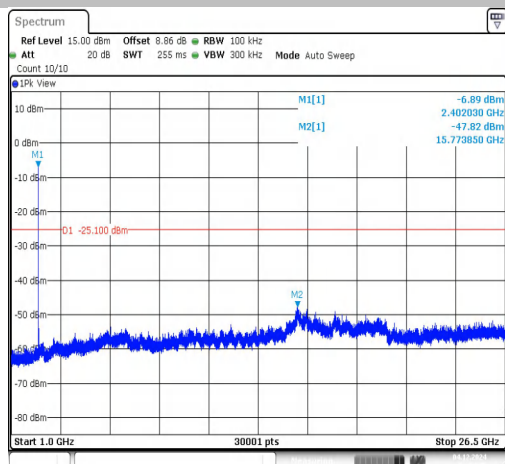


Date: 4.DEC.2024 11:29:57



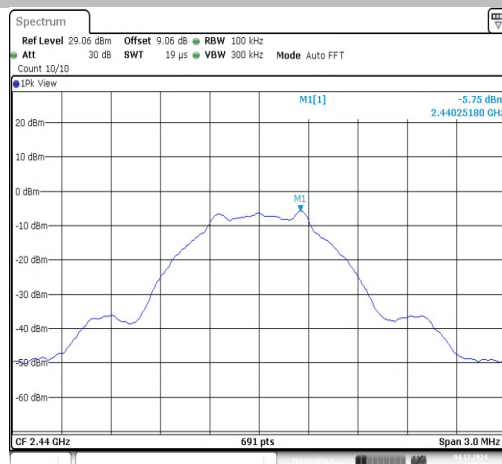
Date: 4.DEC.2024 11:30:09

BLE_1M-Ant1-2402-0~Reference-PASS



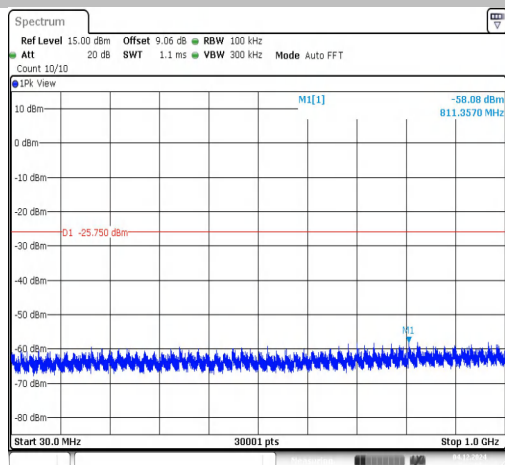
Date: 4.DEC.2024 11:30:46

BLE_1M-Ant1-2402-30~1000-PASS



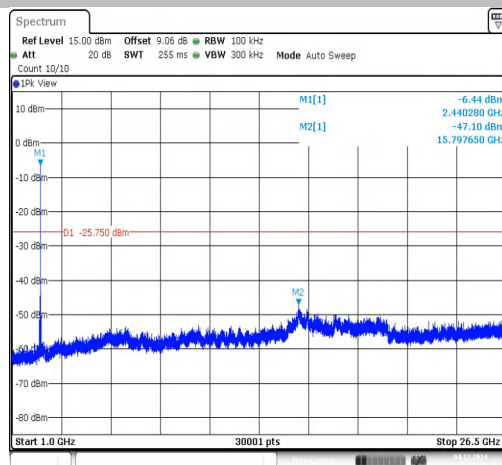
Date: 4.DEC.2024 11:33:58

BLE_1M-Ant1-2402-1000~26500-PASS



Date: 4.DEC.2024 11:34:09

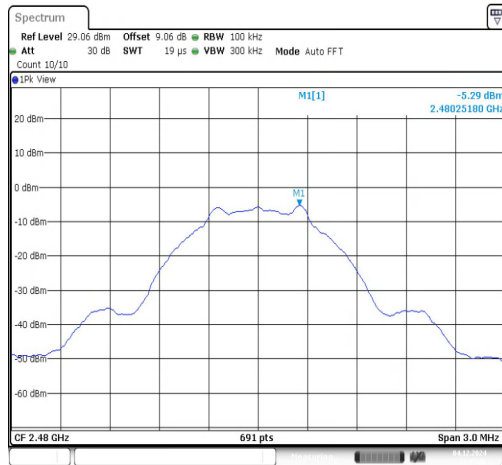
BLE_1M-Ant1-2440-0~Reference-PASS



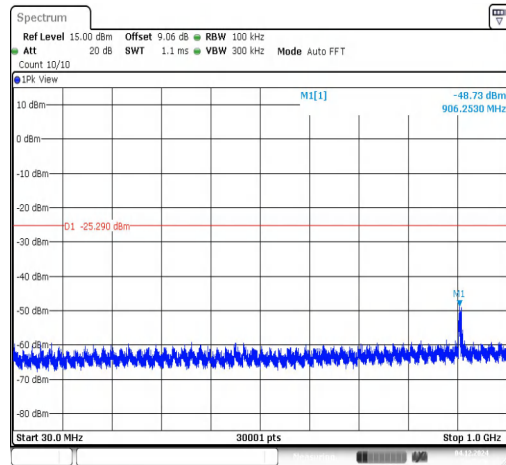
Date: 4.DEC.2024 11:34:46

BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



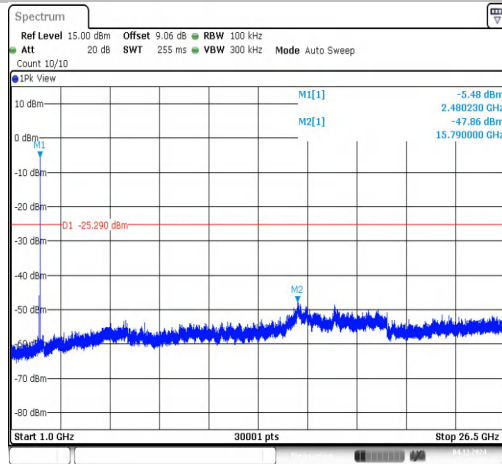
Date: 4.DEC.2024 11:35:28



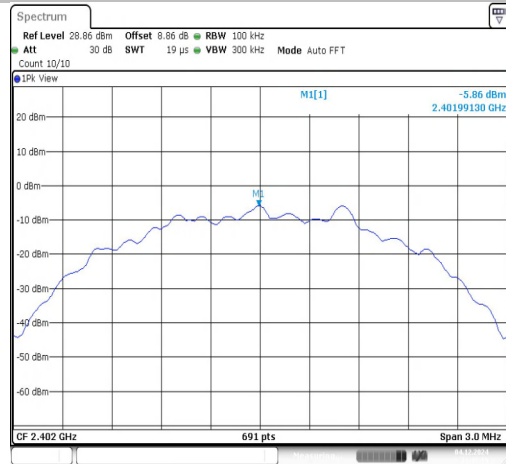
Date: 4.DEC.2024 11:35:40

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



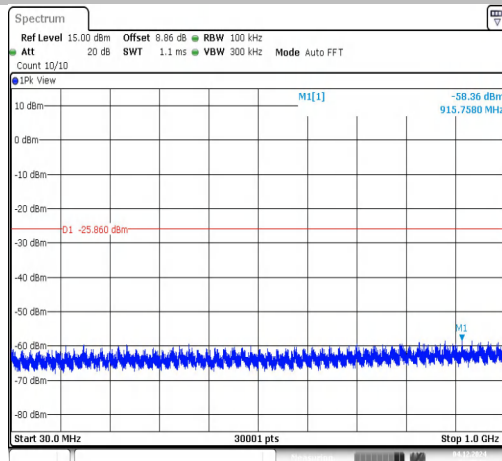
Date: 4.DEC.2024 11:36:17



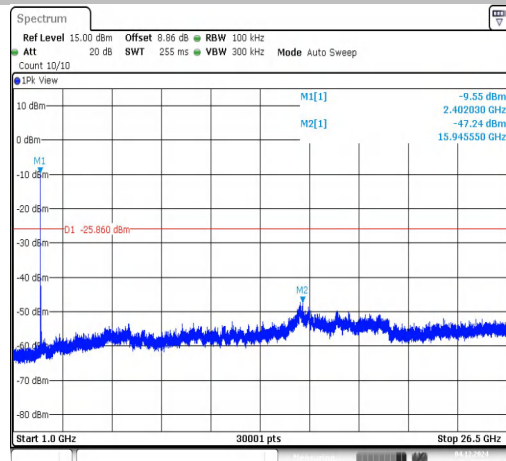
Date: 4.DEC.2024 11:37:19

BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



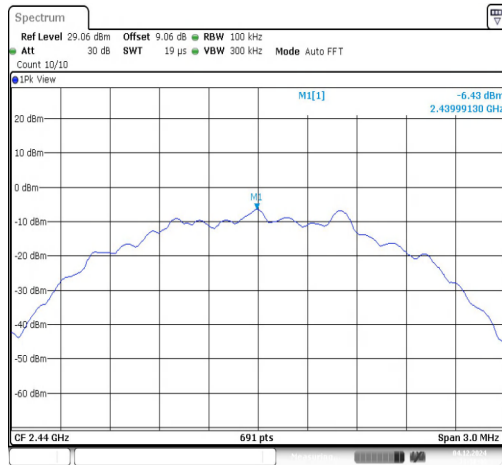
Date: 4.DEC.2024 11:37:31



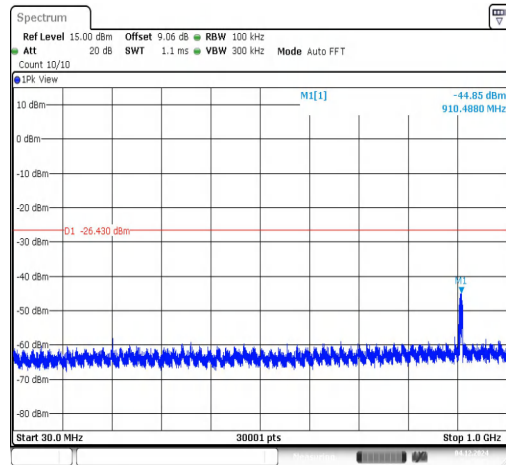
Date: 4.DEC.2024 11:38:07

BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



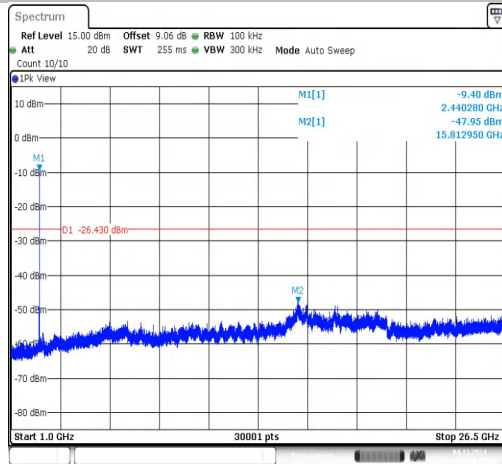
Date: 4.DEC.2024 11:38:44



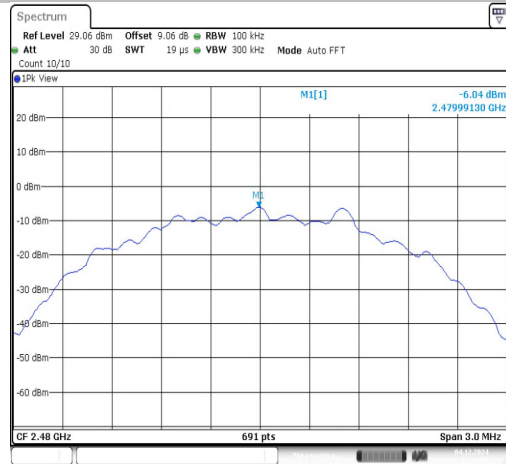
Date: 4.DEC.2024 11:38:56

BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



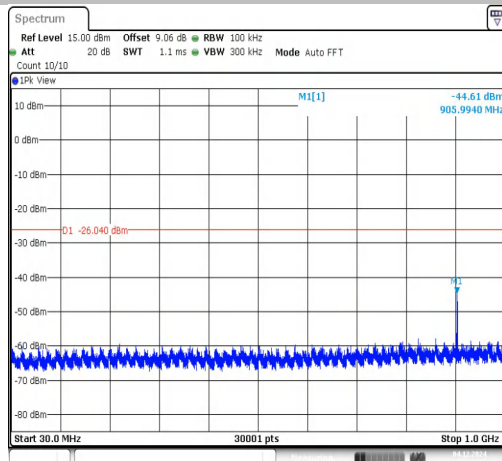
Date: 4.DEC.2024 11:39:33



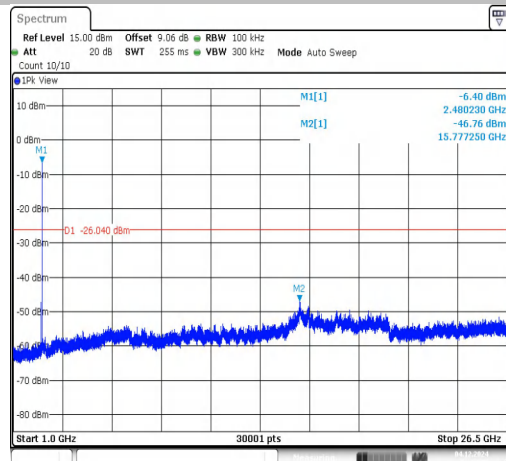
Date: 4.DEC.2024 11:40:08

BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2480-0~Reference-PASS



Date: 4.DEC.2024 11:40:19



Date: 4.DEC.2024 11:40:56

BLE_2M-Ant1-2480-30~1000-PASS

BLE_2M-Ant1-2480-1000~26500-PASS



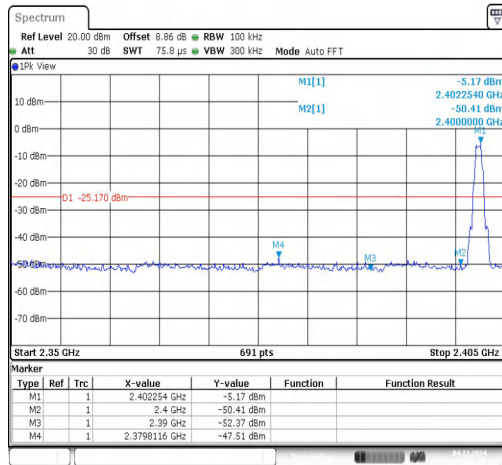
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-5.17	-47.51	≤ -25.17	PASS
BLE_1M	Ant1	High	2480	5.62	-46.57	≤ -14.38	PASS
BLE_2M	Ant1	Low	2402	-5.94	-37.34	≤ -25.94	PASS
BLE_2M	Ant1	High	2480	-6.00	-47.4	≤ -26	PASS



Test Graphs



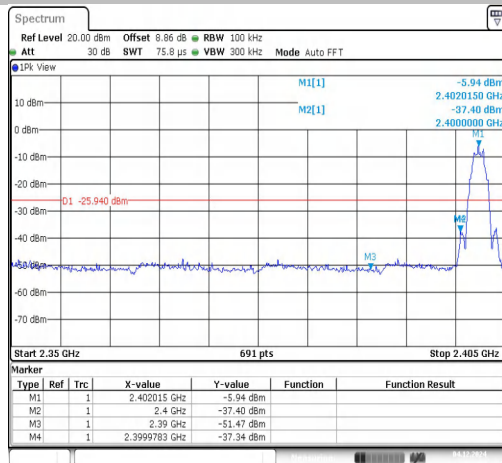
Date: 4.DEC.2024 11:29:48



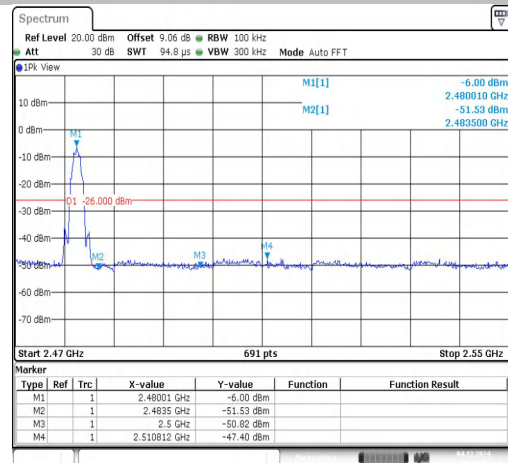
Date: 4.DEC.2024 11:35:19

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



Date: 4.DEC.2024 11:37:10



Date: 4.DEC.2024 11:39:58

BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



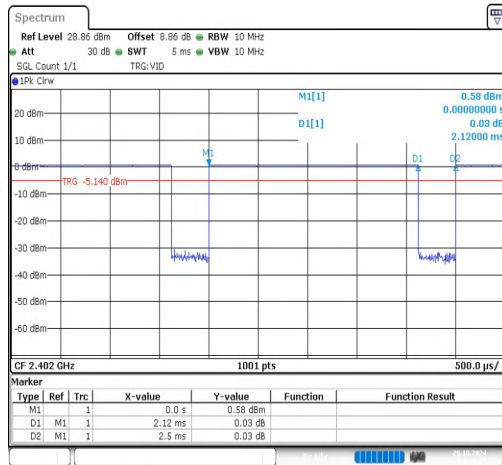
Appendix G: Duty Cycle

Test Result

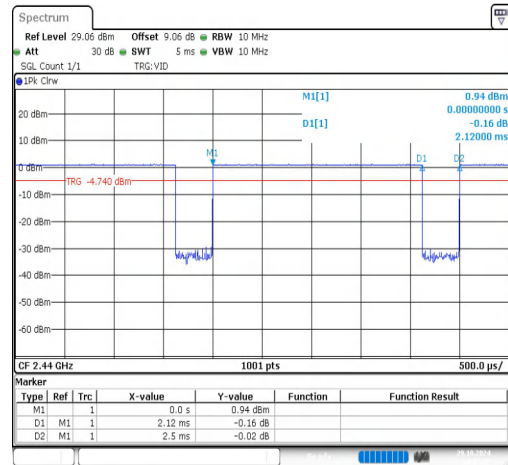
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.12	2.50	84.80
BLE_1M	Ant1	2440	2.12	2.50	84.80
BLE_1M	Ant1	2480	2.13	2.50	85.20
BLE_2M	Ant1	2402	1.07	1.88	56.91
BLE_2M	Ant1	2440	1.07	1.88	56.91
BLE_2M	Ant1	2480	1.07	1.88	56.91



Test Graphs



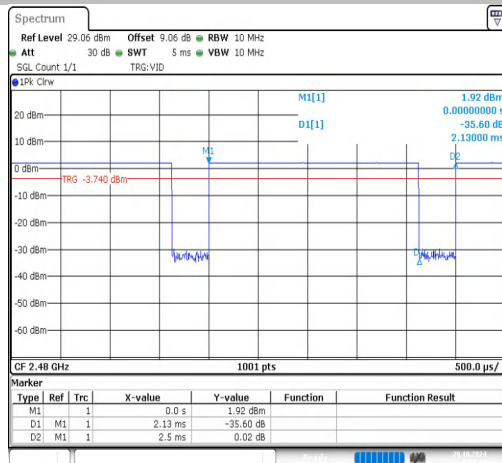
Date: 29.OCT.2024 14:56:27



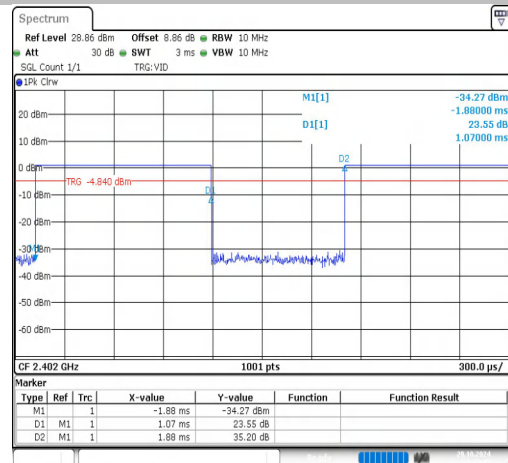
Date: 29.OCT.2024 15:07:22

NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



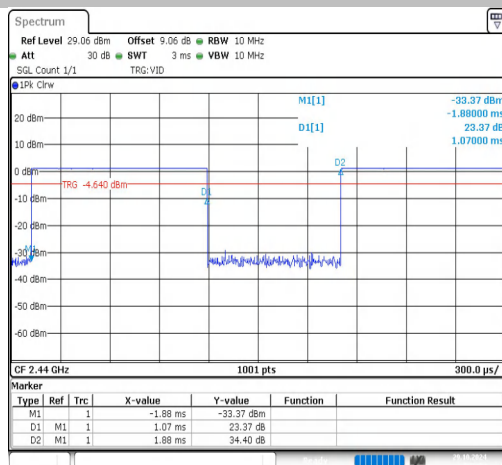
Date: 29.OCT.2024 15:09:24



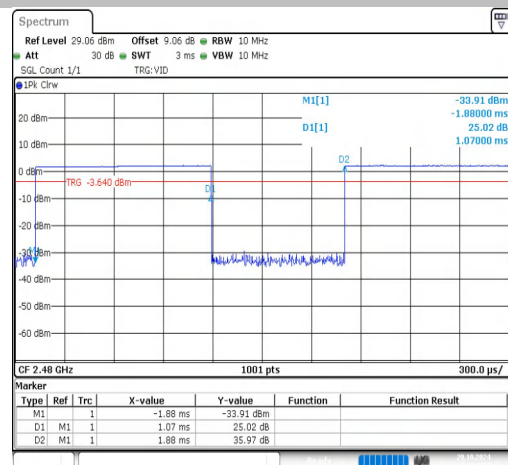
Date: 29.OCT.2024 15:24:56

NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402



Date: 29.OCT.2024 15:26:49



Date: 29.OCT.2024 15:29:23

NTNV-BLE_2M-Ant1-2440

NTNV-BLE_2M-Ant1-2480

-----END-----