



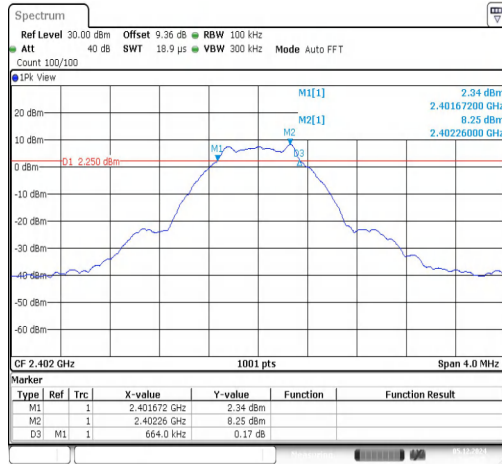
Appendix A: DTS Bandwidth

Test Result

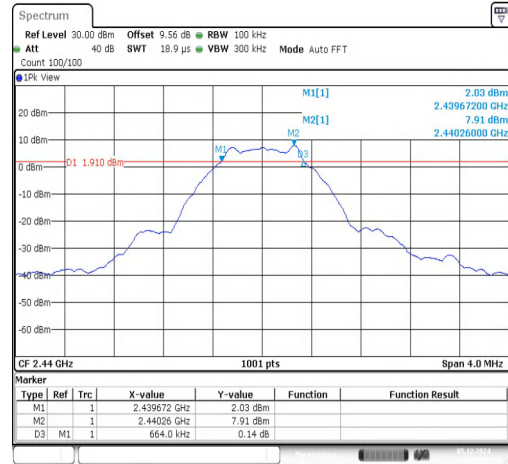
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.67	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.67	2479.67	2480.34	0.5	PASS
BLE_2M	Ant1	2402	1.19	2401.41	2402.60	0.5	PASS
BLE_2M	Ant1	2440	1.24	2439.36	2440.60	0.5	PASS
BLE_2M	Ant1	2480	1.24	2479.36	2480.60	0.5	PASS



Test Graphs

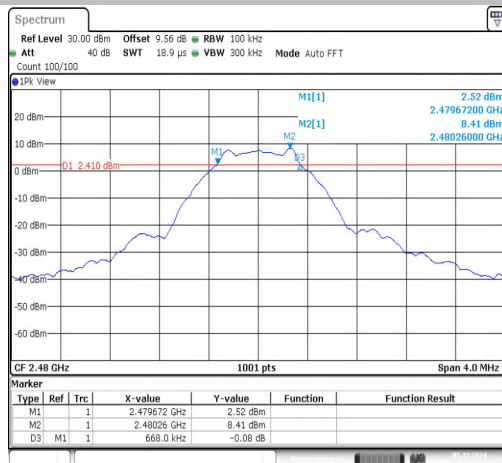


Date: 5.DEC.2024 16:45:48



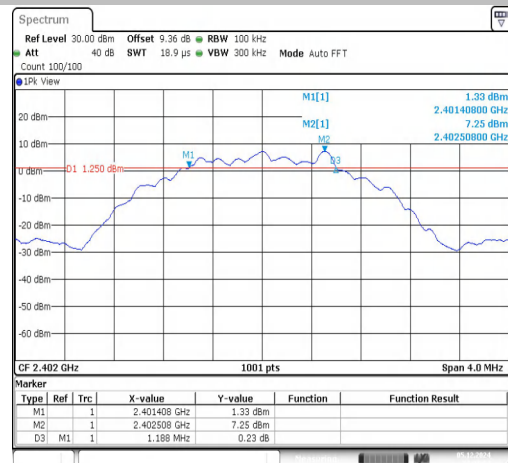
Date: 5.DEC.2024 16:57:01

BLE_1M-Ant1-2402-PASS



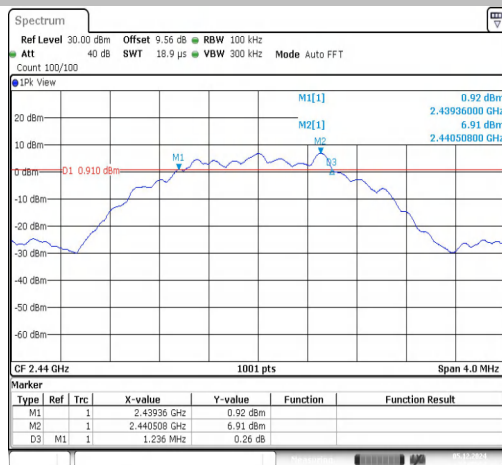
Date: 5.DEC.2024 16:59:04

BLE_1M-Ant1-2440-PASS



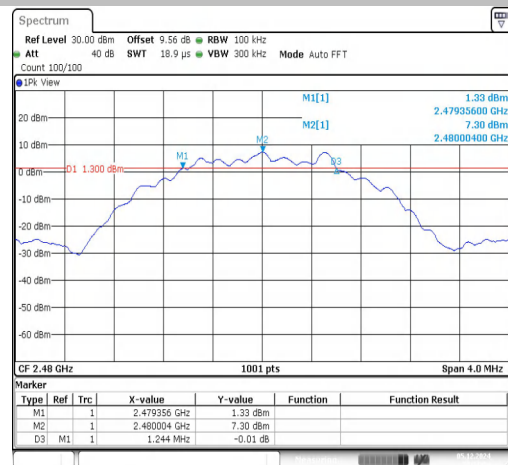
Date: 5.DEC.2024 17:01:34

BLE_1M-Ant1-2480-PASS



Date: 5.DEC.2024 17:07:34

BLE_2M-Ant1-2402-PASS



Date: 5.DEC.2024 17:11:30

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



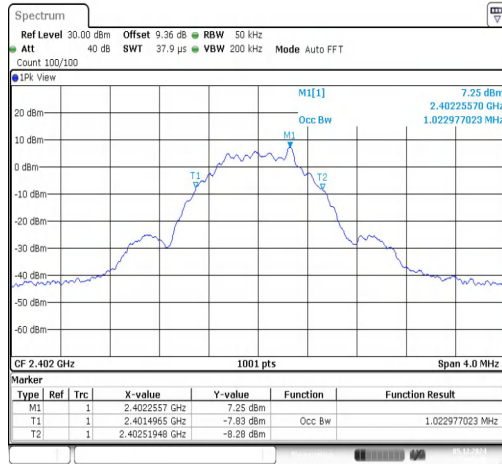
Appendix B: Occupied Channel Bandwidth

Test Result

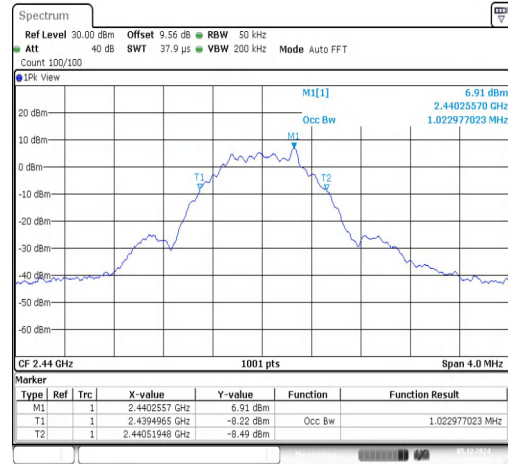
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.023	2401.4965	2402.5195	---	---
BLE_1M	Ant1	2440	1.023	2439.4965	2440.5195	---	---
BLE_1M	Ant1	2480	1.023	2479.4965	2480.5195	---	---
BLE_2M	Ant1	2402	2.046	2400.9970	2403.0430	---	---
BLE_2M	Ant1	2440	2.046	2438.9970	2441.0430	---	---
BLE_2M	Ant1	2480	2.046	2478.9970	2481.0430	---	---



Test Graphs



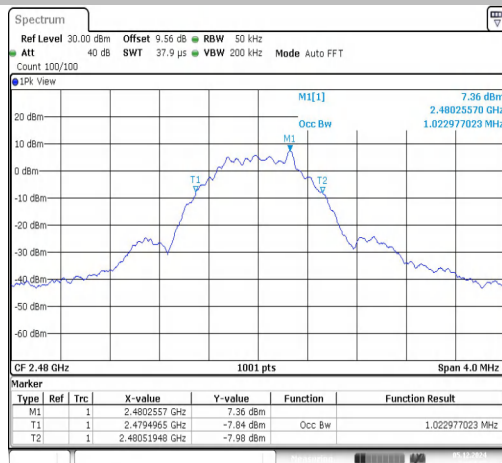
Date: 5.DEC.2024 16:45:56



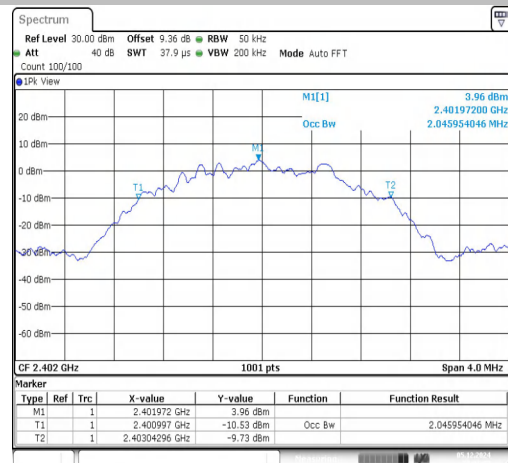
Date: 5.DEC.2024 16:57:09

BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



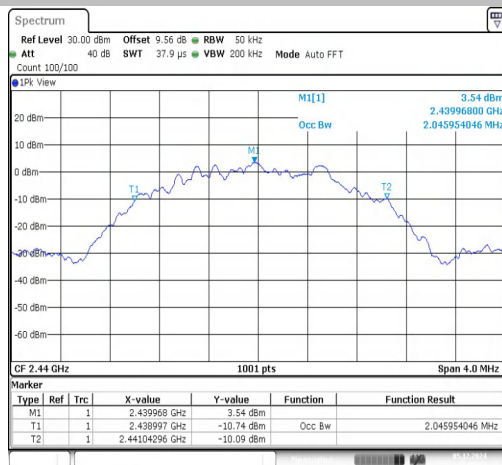
Date: 5.DEC.2024 16:59:12



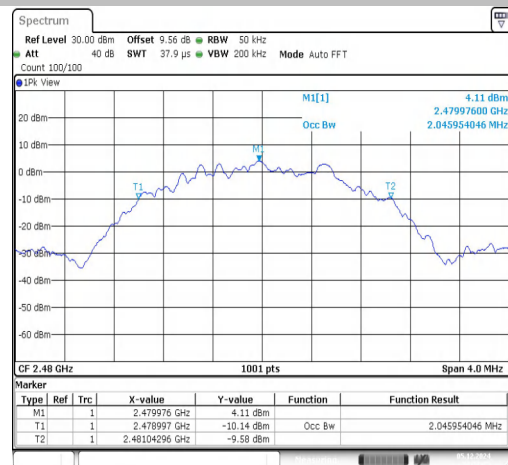
Date: 5.DEC.2024 17:01:41

BLE_1M-Ant1-2480

BLE_2M-Ant1-2402



Date: 5.DEC.2024 17:07:41



Date: 5.DEC.2024 17:11:38

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	8.54	≤30	0.00	8.54	≤36	PASS
BLE_1M	Ant1	2440	8.20	≤30	0.00	8.20	≤36	PASS
BLE_1M	Ant1	2480	8.68	≤30	0.00	8.68	≤36	PASS
BLE_2M	Ant1	2402	8.40	≤30	0.00	8.40	≤36	PASS
BLE_2M	Ant1	2440	8.10	≤30	0.00	8.10	≤36	PASS
BLE_2M	Ant1	2480	8.56	≤30	0.00	8.56	≤36	PASS



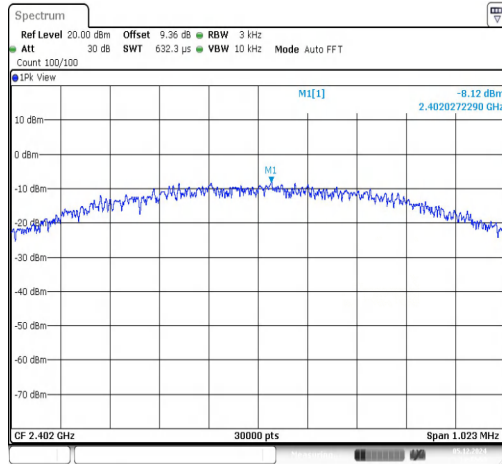
Appendix D: Maximum power spectral density

Test Result

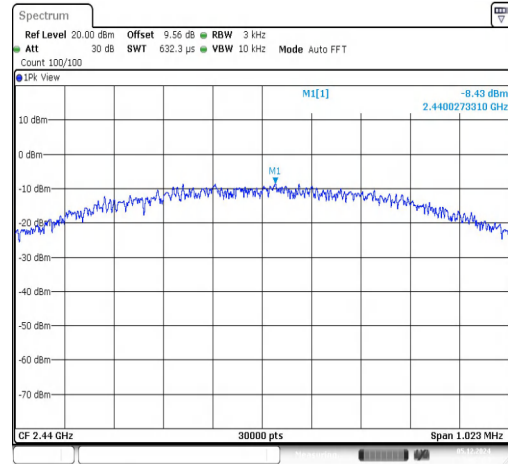
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.12	≤8.00	PASS
BLE_1M	Ant1	2440	-8.43	≤8.00	PASS
BLE_1M	Ant1	2480	-8.00	≤8.00	PASS
BLE_2M	Ant1	2402	-10.86	≤8.00	PASS
BLE_2M	Ant1	2440	-11.17	≤8.00	PASS
BLE_2M	Ant1	2480	-10.78	≤8.00	PASS



Test Graphs



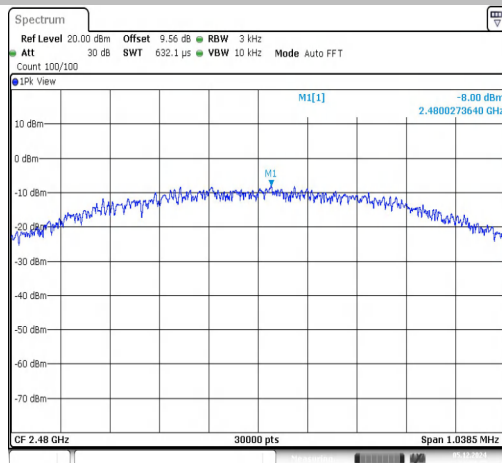
Date: 5.DEC.2024 16:47:55



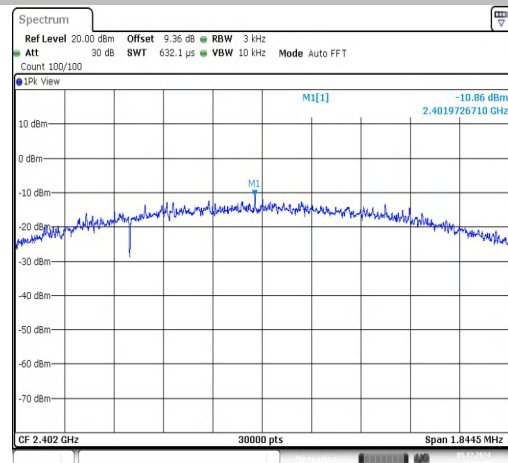
Date: 5.DEC.2024 16:57:24

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



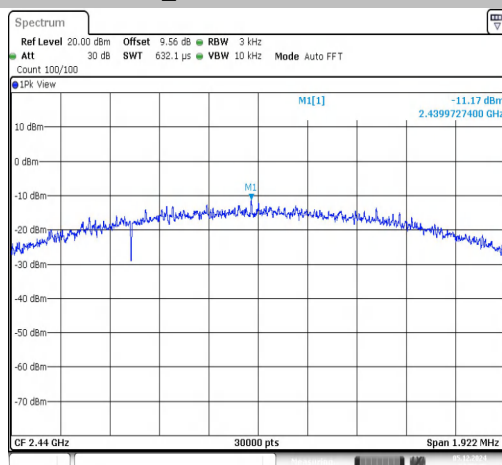
Date: 5.DEC.2024 16:59:27



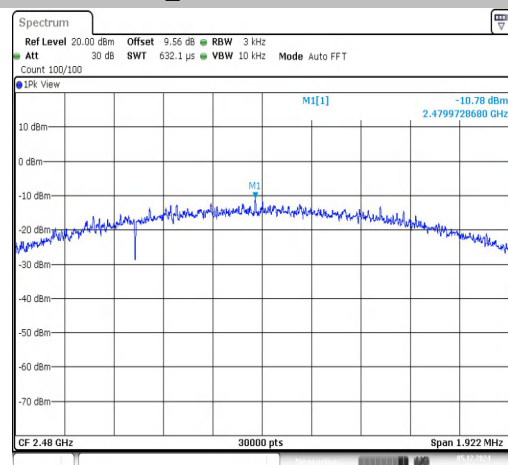
Date: 5.DEC.2024 17:01:57

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 5.DEC.2024 17:07:57



Date: 5.DEC.2024 17:11:53

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



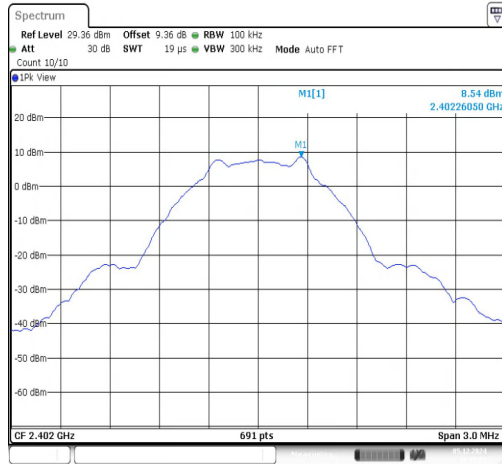
Appendix E: Conducted Spurious Emission

Test Result

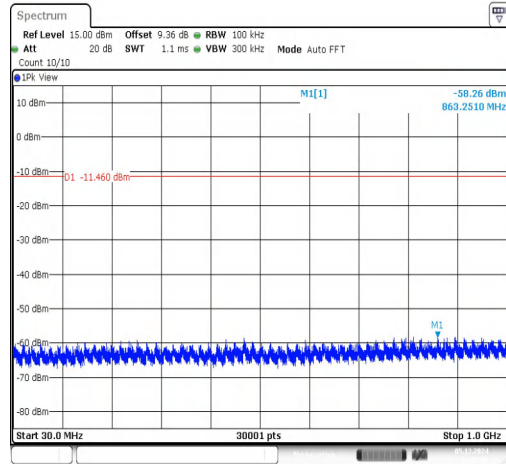
Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	8.54	8.54	---	PASS
BLE_1M	Ant1	2402	30~1000	8.54	-58.26	≤-11.46	PASS
BLE_1M	Ant1	2402	1000~26500	8.54	-44.16	≤-11.46	PASS
BLE_1M	Ant1	2440	0~Reference	8.15	8.15	---	PASS
BLE_1M	Ant1	2440	30~1000	8.15	-57.58	≤-11.85	PASS
BLE_1M	Ant1	2440	1000~26500	8.15	-43.82	≤-11.85	PASS
BLE_1M	Ant1	2480	0~Reference	8.60	8.60	---	PASS
BLE_1M	Ant1	2480	30~1000	8.60	-57.16	≤-11.4	PASS
BLE_1M	Ant1	2480	1000~26500	8.60	-44.7	≤-11.4	PASS
BLE_2M	Ant1	2402	0~Reference	7.52	7.52	---	PASS
BLE_2M	Ant1	2402	30~1000	7.52	-58.04	≤-12.48	PASS
BLE_2M	Ant1	2402	1000~26500	7.52	-45.69	≤-12.48	PASS
BLE_2M	Ant1	2440	0~Reference	7.12	7.12	---	PASS
BLE_2M	Ant1	2440	30~1000	7.12	-57.58	≤-12.88	PASS
BLE_2M	Ant1	2440	1000~26500	7.12	-45.34	≤-12.88	PASS
BLE_2M	Ant1	2480	0~Reference	7.59	7.59	---	PASS
BLE_2M	Ant1	2480	30~1000	7.59	-57.59	≤-12.41	PASS
BLE_2M	Ant1	2480	1000~26500	7.59	-45.68	≤-12.41	PASS



Test Graphs

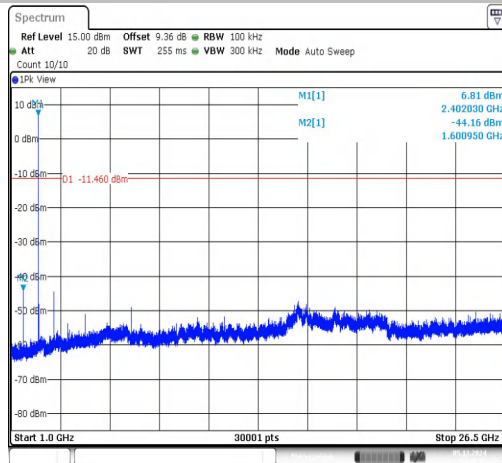


Date: 5.DEC.2024 16:48:24



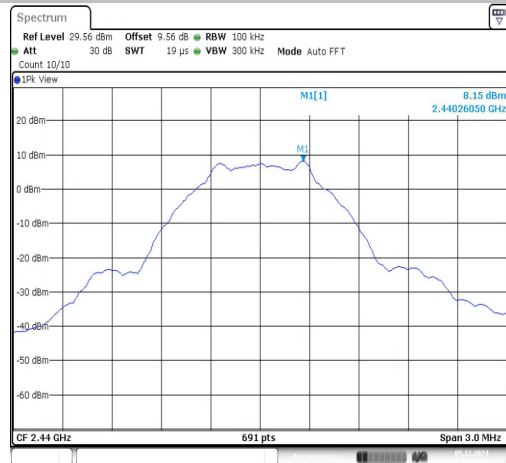
Date: 5.DEC.2024 16:48:36

BLE_1M-Ant1-2402-0~Reference-PASS



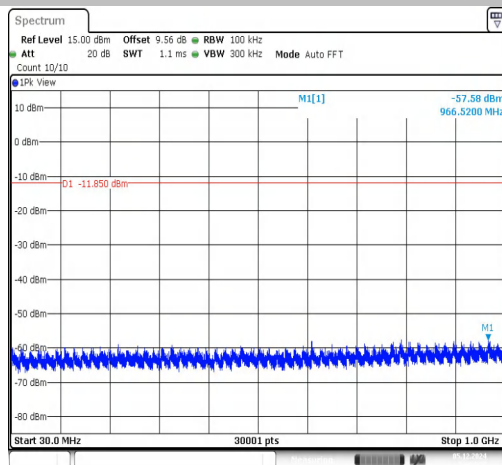
Date: 5.DEC.2024 16:49:13

BLE_1M-Ant1-2402-30~1000-PASS



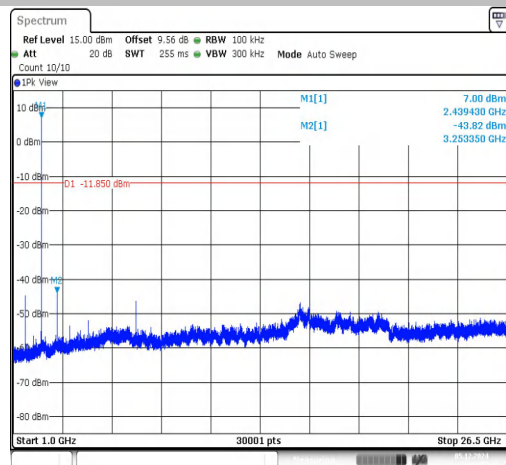
Date: 5.DEC.2024 16:57:33

BLE_1M-Ant1-2402-1000~26500-PASS



Date: 5.DEC.2024 16:57:45

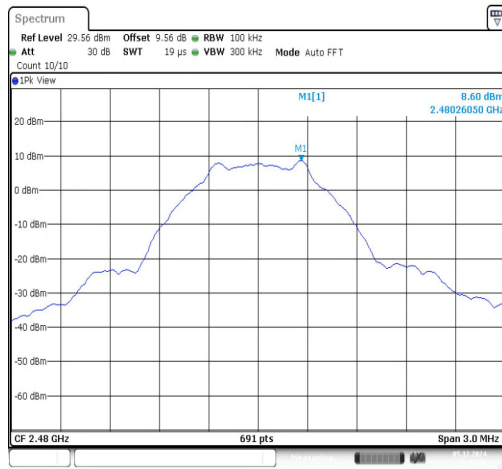
BLE_1M-Ant1-2440-0~Reference-PASS



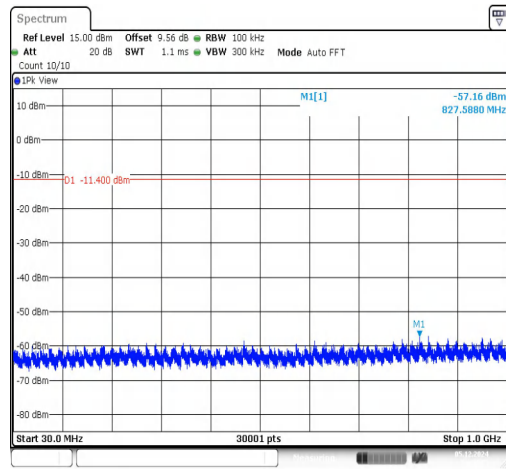
Date: 5.DEC.2024 16:58:22

BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



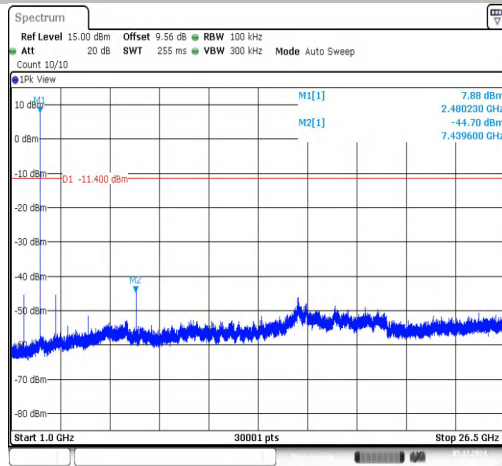
Date: 5.DEC.2024 16:59:46



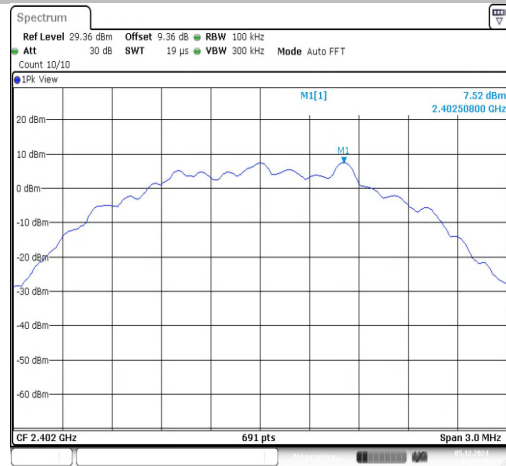
Date: 5.DEC.2024 16:59:58

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



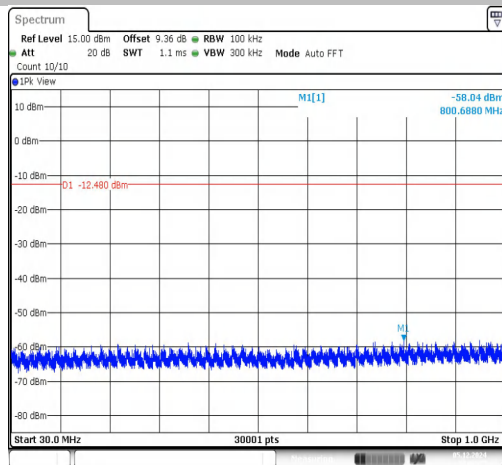
Date: 5.DEC.2024 17:00:35



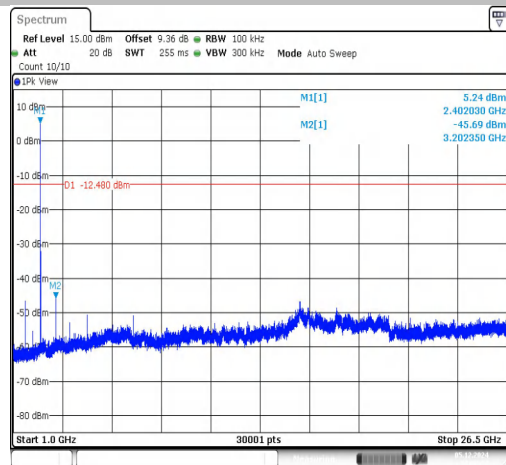
Date: 5.DEC.2024 17:02:16

BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



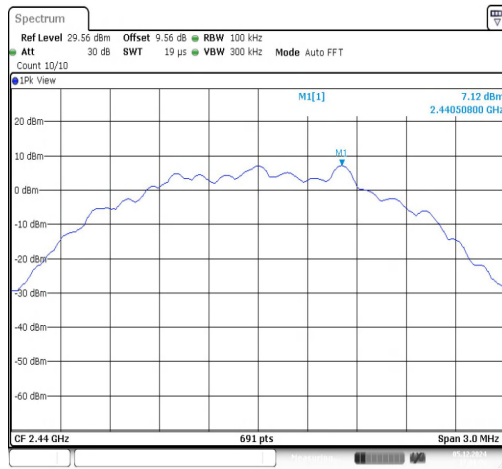
Date: 5.DEC.2024 17:02:28



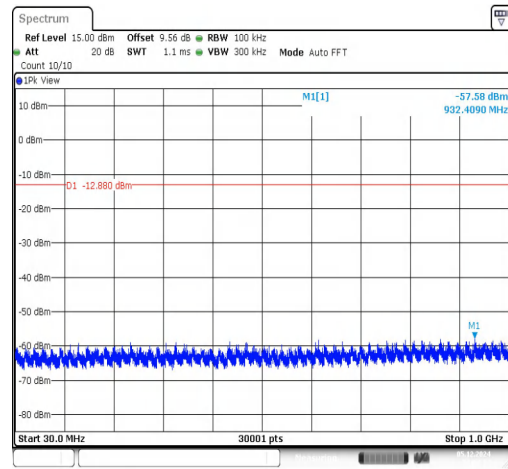
Date: 5.DEC.2024 17:03:05

BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



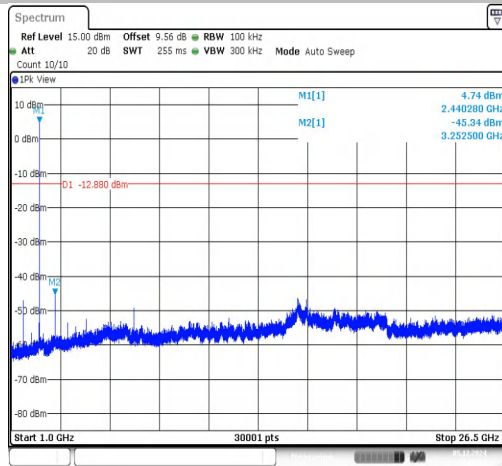
Date: 5.DEC.2024 17:08:06



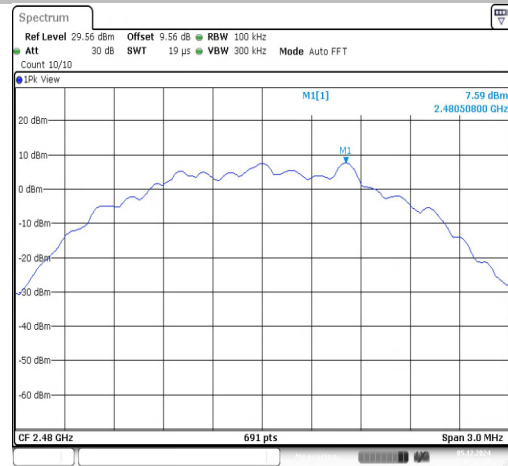
Date: 5.DEC.2024 17:08:17

BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



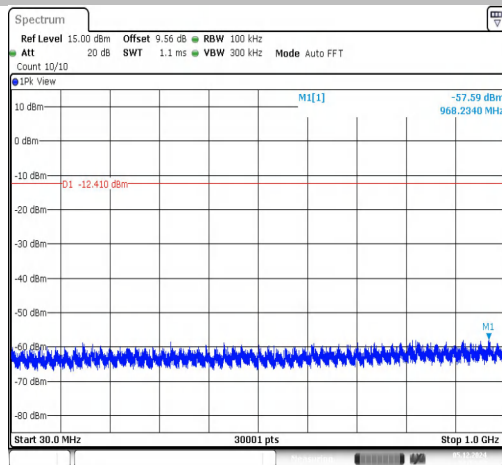
Date: 5.DEC.2024 17:08:54



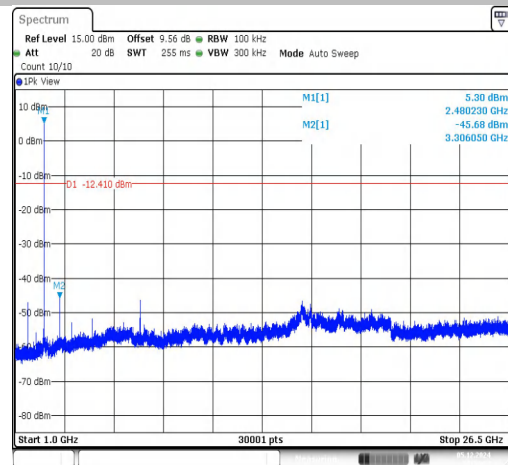
Date: 5.DEC.2024 17:12:13

BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2480-0~Reference-PASS



Date: 5.DEC.2024 17:12:24



Date: 5.DEC.2024 17:13:01

BLE_2M-Ant1-2480-30~1000-PASS

BLE_2M-Ant1-2480-1000~26500-PASS



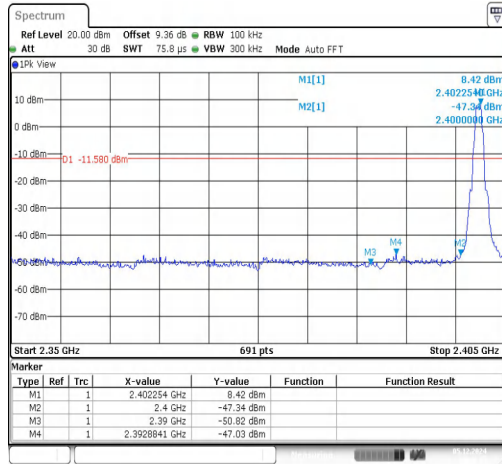
Appendix F: Band edge measurements

Test Result

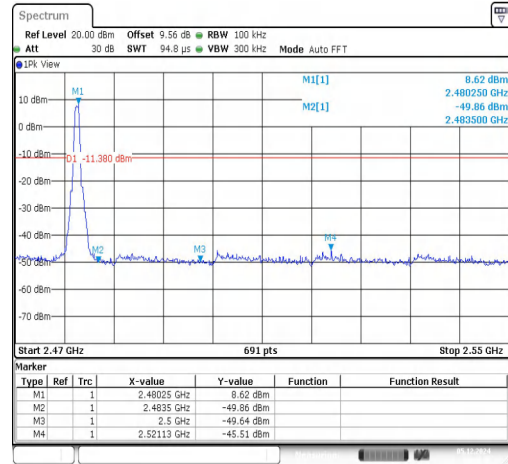
Test Mode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	8.42	-47.03	≤-11.58	PASS
BLE_1M	Ant1	High	2480	8.62	-45.51	≤-11.38	PASS
BLE_2M	Ant1	Low	2402	7.33	-25.84	≤-12.67	PASS
BLE_2M	Ant1	High	2480	7.01	-46.26	≤-12.99	PASS



Test Graphs

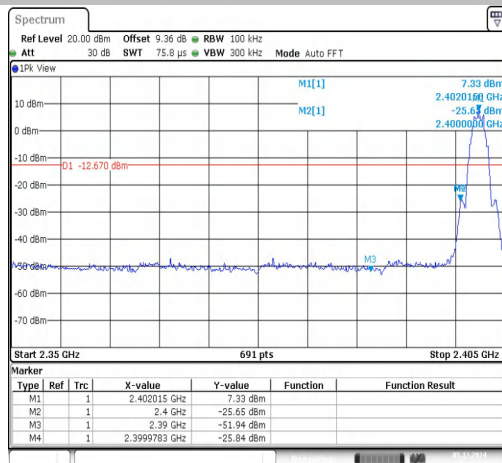


Date: 5.DEC.2024 16:48:14



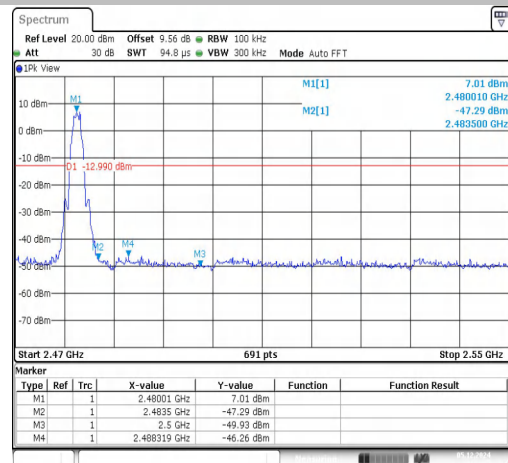
Date: 5.DEC.2024 16:59:37

BLE_1M-Ant1-2402-PASS



Date: 5.DEC.2024 17:02:06

BLE_1M-Ant1-2480-PASS



Date: 5.DEC.2024 17:12:03

BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



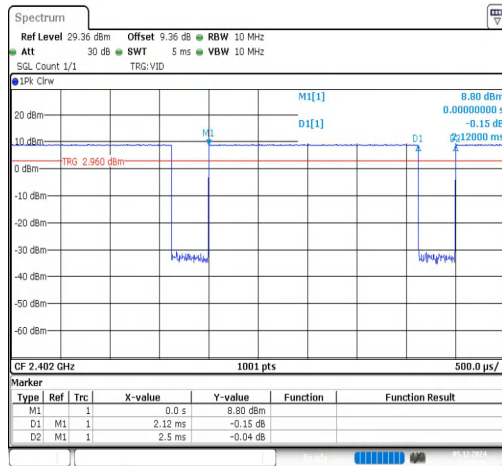
Appendix G: Duty Cycle

Test Result

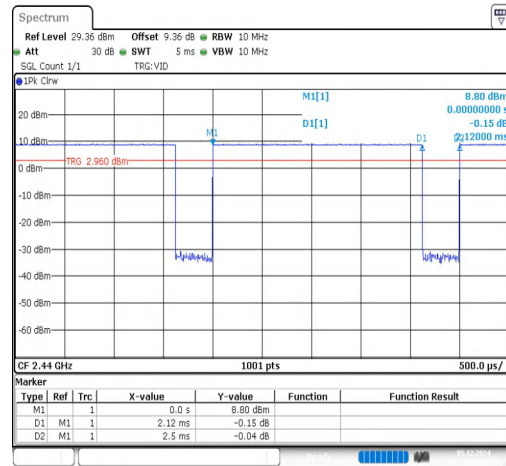
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.12	2.50	84.80
BLE_1M	Ant1	2440	2.12	2.50	84.80
BLE_1M	Ant1	2480	2.12	2.50	84.80
BLE_2M	Ant1	2402	1.07	1.88	56.91
BLE_2M	Ant1	2440	1.07	1.88	56.91
BLE_2M	Ant1	2480	1.07	1.88	56.91



Test Graphs



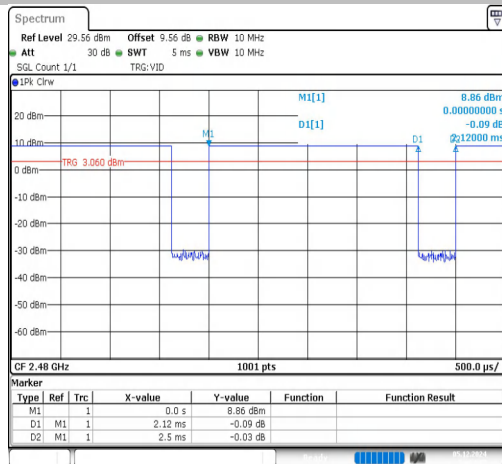
Date: 5, DEC, 2024 16:45:39



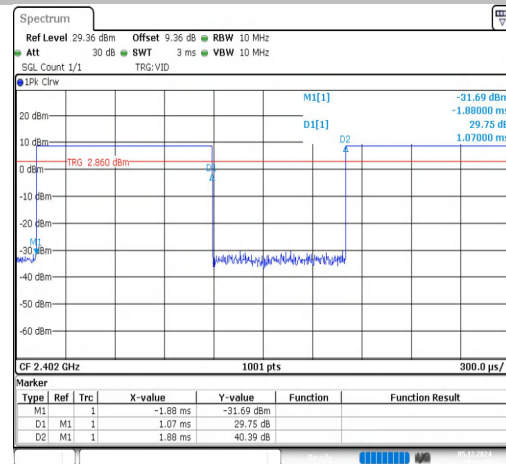
Date: 5, DEC, 2024 16:56:52

NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



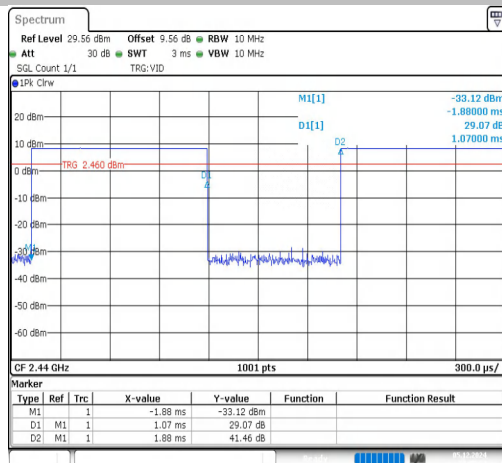
Date: 5, DEC, 2024 16:58:55



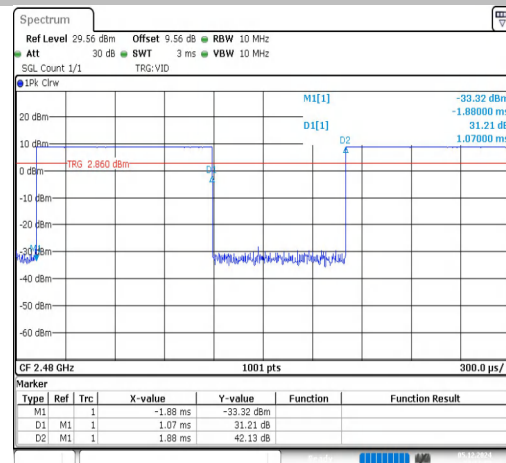
Date: 5, DEC, 2024 17:01:25

NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402



Date: 5, DEC, 2024 17:07:25



Date: 5, DEC, 2024 17:11:21

NTNV-BLE_2M-Ant1-2440

NTNV-BLE_2M-Ant1-2480

-----END-----