



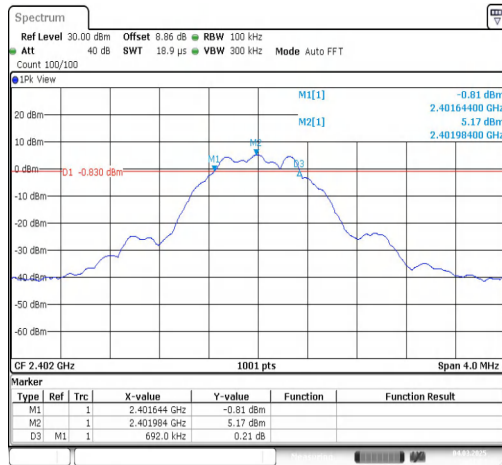
Appendix A: DTS Bandwidth

Test Result

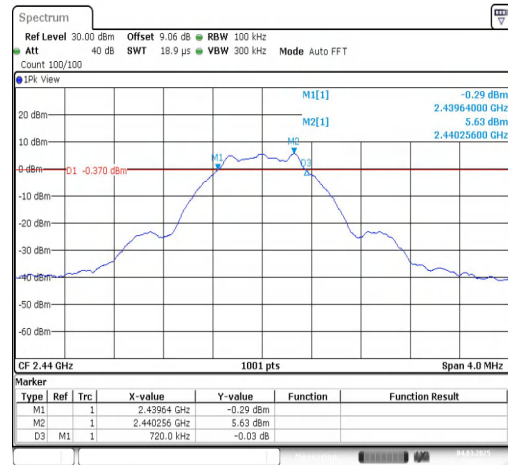
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	2401.64	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.64	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.71	2479.64	2480.36	0.5	PASS
BLE_2M	Ant1	2402	1.16	2401.43	2402.58	0.5	PASS
BLE_2M	Ant1	2440	1.14	2439.44	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.15	2479.43	2480.58	0.5	PASS



Test Graphs



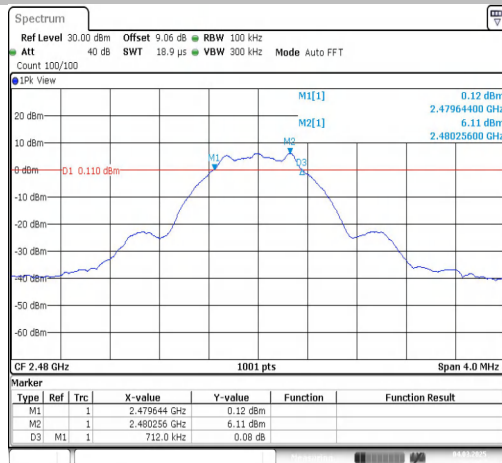
Date: 4.MAR.2025 16:21:02



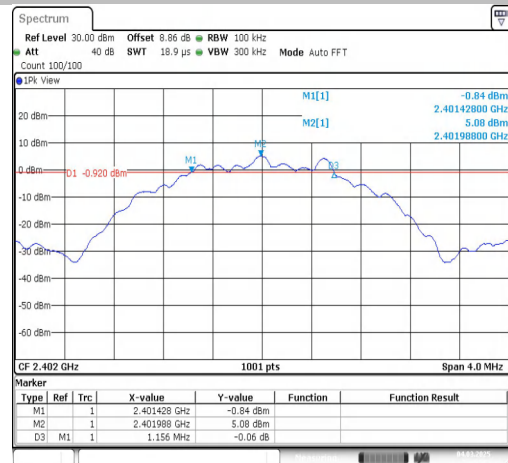
Date: 4.MAR.2025 16:27:30

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



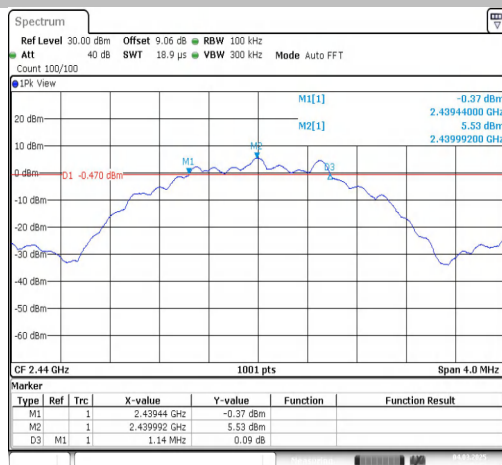
Date: 4.MAR.2025 16:30:08



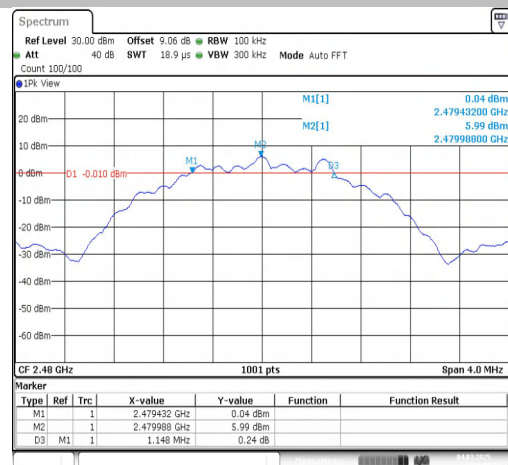
Date: 4.MAR.2025 16:33:00

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 4.MAR.2025 16:35:52



Date: 4.MAR.2025 16:39:04

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



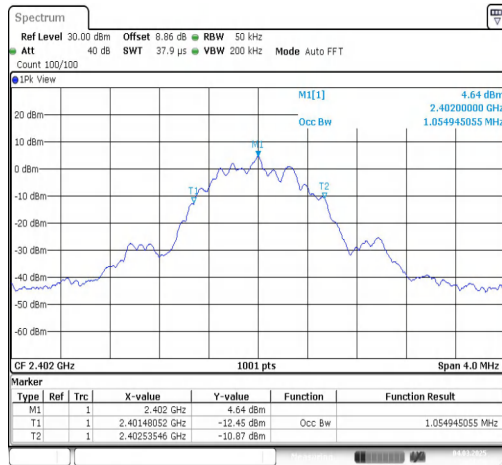
Appendix B: Occupied Channel Bandwidth

Test Result

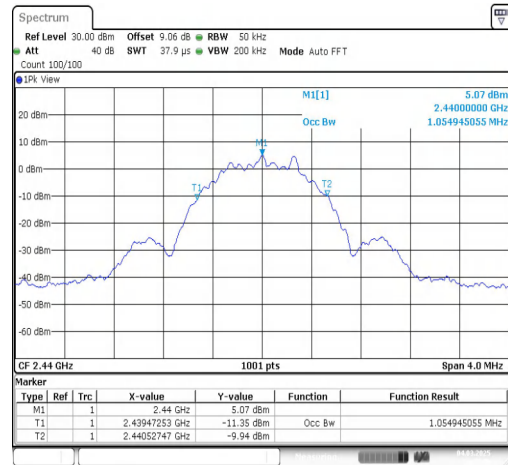
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.055	2401.4805	2402.5355	---	---
BLE_1M	Ant1	2440	1.055	2439.4725	2440.5275	---	---
BLE_1M	Ant1	2480	1.055	2479.4725	2480.5275	---	---
BLE_2M	Ant1	2402	2.046	2400.9930	2403.0390	---	---
BLE_2M	Ant1	2440	2.046	2438.9890	2441.0350	---	---
BLE_2M	Ant1	2480	2.05	2478.9890	2481.0390	---	---



Test Graphs

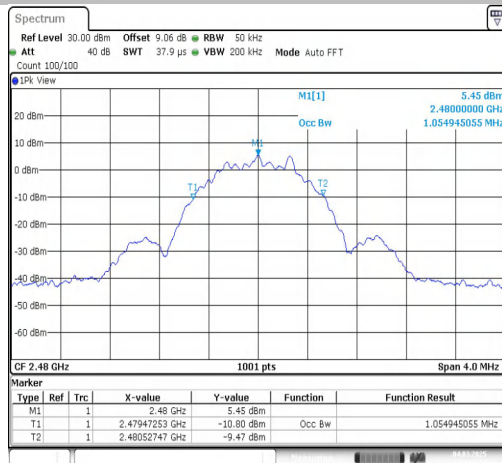


Date: 4.MAR.2025 16:21:08



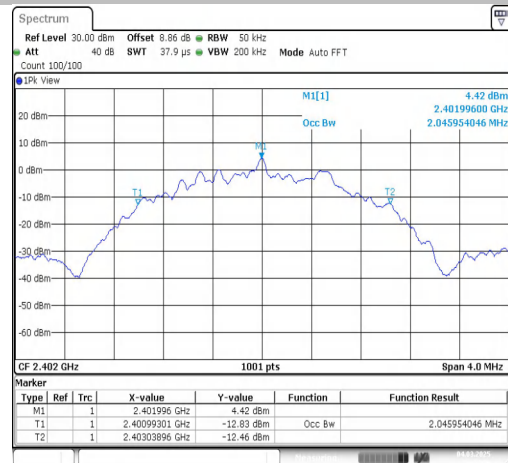
Date: 4.MAR.2025 16:27:36

BLE_1M-Ant1-2402



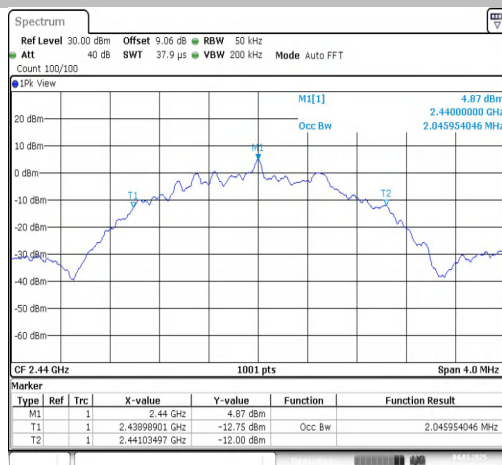
Date: 4.MAR.2025 16:30:14

BLE_1M-Ant1-2440



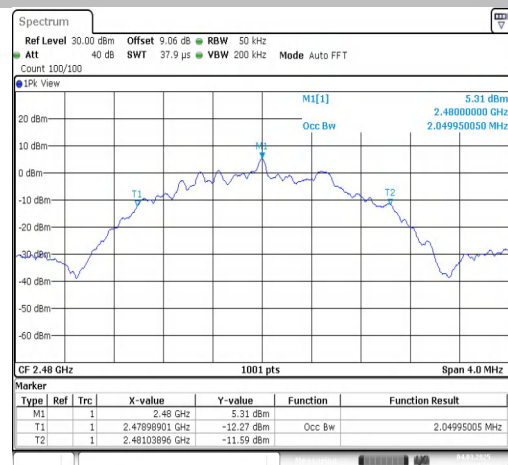
Date: 4.MAR.2025 16:33:06

BLE_1M-Ant1-2480



Date: 4.MAR.2025 16:35:59

BLE_2M-Ant1-2402



Date: 4.MAR.2025 16:39:10

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	5.56	≤30	1.36	6.92	--	PASS
BLE_1M	Ant1	2440	5.93	≤30	1.36	7.29	--	PASS
BLE_1M	Ant1	2480	6.35	≤30	1.36	7.71	--	PASS
BLE_2M	Ant1	2402	5.56	≤30	1.36	6.92	--	PASS
BLE_2M	Ant1	2440	5.94	≤30	1.36	7.30	--	PASS
BLE_2M	Ant1	2480	6.33	≤30	1.36	7.69	--	PASS

Test Result Average

Test Mode	Antenna	Frequency [MHz]	AVG Power [dBm]	AVG Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	5.17	≤30.00	1.36	6.53	--	PASS
BLE_1M	Ant1	2440	5.26	≤30.00	1.36	6.62	--	PASS
BLE_1M	Ant1	2480	5.16	≤30.00	1.36	6.52	--	PASS
BLE_2M	Ant1	2402	5.15	≤30.00	1.36	6.51	--	PASS
BLE_2M	Ant1	2440	5.25	≤30.00	1.36	6.61	--	PASS
BLE_2M	Ant1	2480	5.15	≤30.00	1.36	6.51	--	PASS



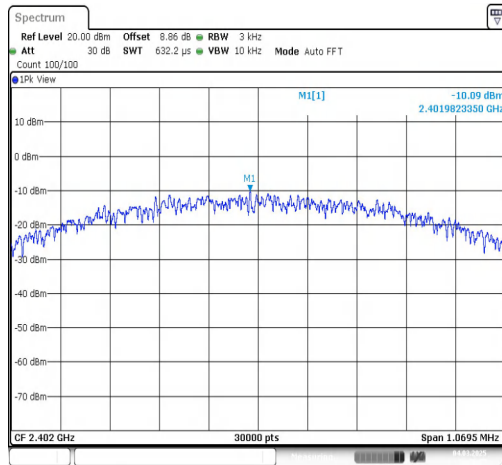
Appendix D: Maximum power spectral density

Test Result

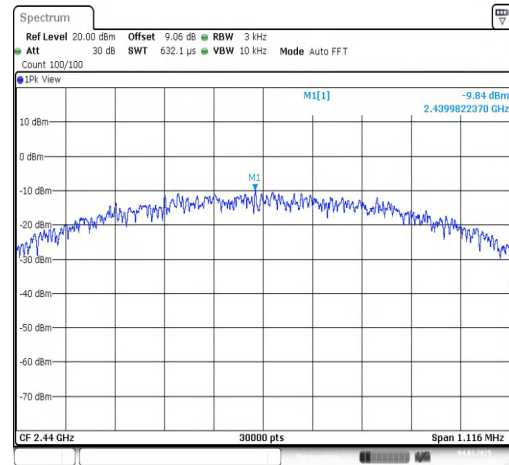
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.09	≤8.00	PASS
BLE_1M	Ant1	2440	-9.84	≤8.00	PASS
BLE_1M	Ant1	2480	-9.48	≤8.00	PASS
BLE_2M	Ant1	2402	-12.69	≤8.00	PASS
BLE_2M	Ant1	2440	-11.94	≤8.00	PASS
BLE_2M	Ant1	2480	-11.64	≤8.00	PASS



Test Graphs



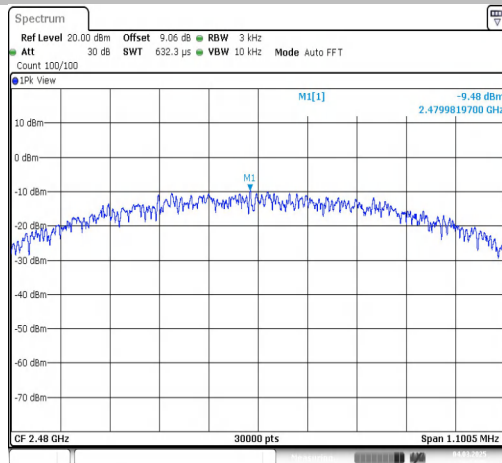
Date: 4.MAR.2025 16:26:55



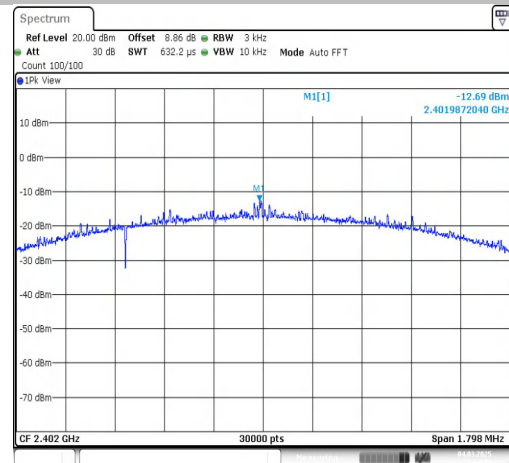
Date: 4.MAR.2025 16:28:24

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



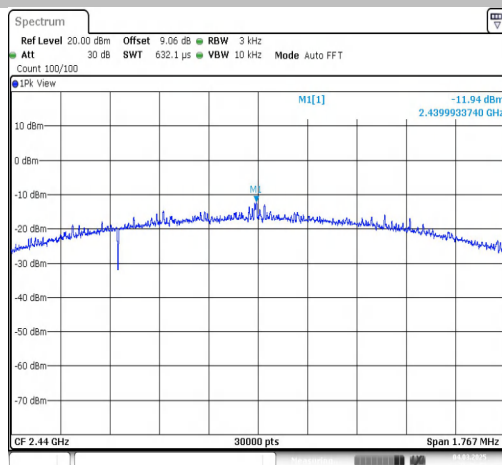
Date: 4.MAR.2025 16:30:58



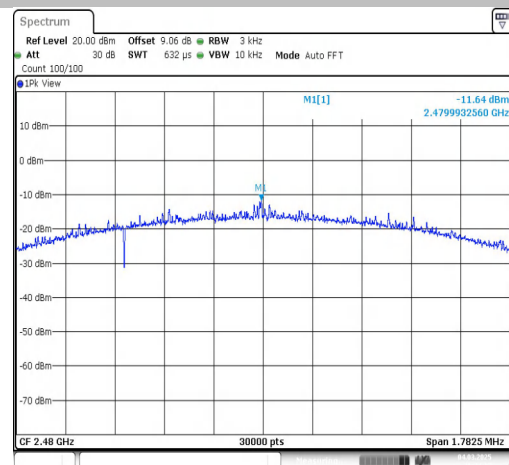
Date: 4.MAR.2025 16:34:03

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 4.MAR.2025 16:36:53



Date: 4.MAR.2025 16:40:16

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



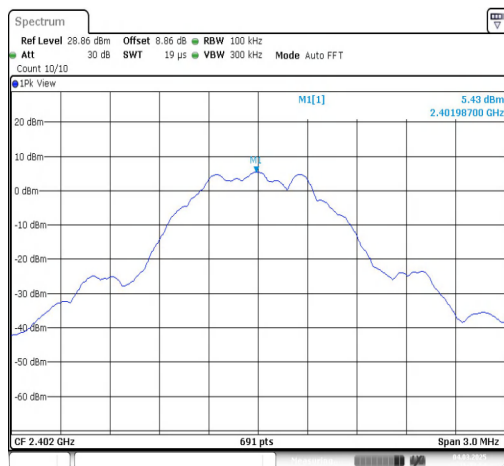
Appendix E: Conducted Spurious Emission

Test Result

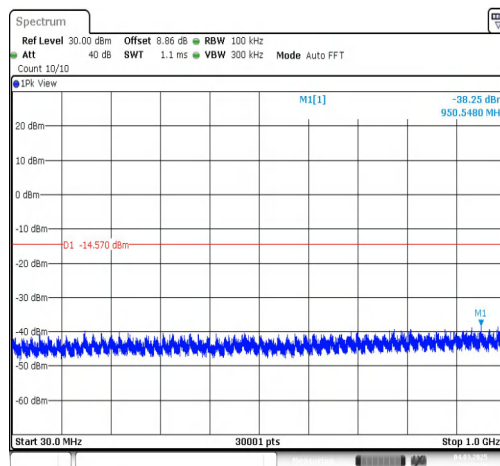
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	5.43	5.43	---	PASS
BLE_1M	Ant1	2402	30~1000	5.43	-38.25	≤-14.57	PASS
BLE_1M	Ant1	2402	1000~26500	5.43	-28.46	≤-14.57	PASS
BLE_1M	Ant1	2440	0~Reference	5.86	5.86	---	PASS
BLE_1M	Ant1	2440	30~1000	5.86	-38.9	≤-14.14	PASS
BLE_1M	Ant1	2440	1000~26500	5.86	-27.86	≤-14.14	PASS
BLE_1M	Ant1	2480	0~Reference	6.29	6.29	---	PASS
BLE_1M	Ant1	2480	30~1000	6.29	-38.75	≤-13.71	PASS
BLE_1M	Ant1	2480	1000~26500	6.29	-27.47	≤-13.71	PASS
BLE_2M	Ant1	2402	0~Reference	5.36	5.36	---	PASS
BLE_2M	Ant1	2402	30~1000	5.36	-39.19	≤-14.64	PASS
BLE_2M	Ant1	2402	1000~26500	5.36	-27.71	≤-14.64	PASS
BLE_2M	Ant1	2440	0~Reference	5.76	5.76	---	PASS
BLE_2M	Ant1	2440	30~1000	5.76	-38.18	≤-14.24	PASS
BLE_2M	Ant1	2440	1000~26500	5.76	-27.2	≤-14.24	PASS
BLE_2M	Ant1	2480	0~Reference	6.18	6.18	---	PASS
BLE_2M	Ant1	2480	30~1000	6.18	-38.43	≤-13.82	PASS
BLE_2M	Ant1	2480	1000~26500	6.18	-27.81	≤-13.82	PASS



Test Graphs



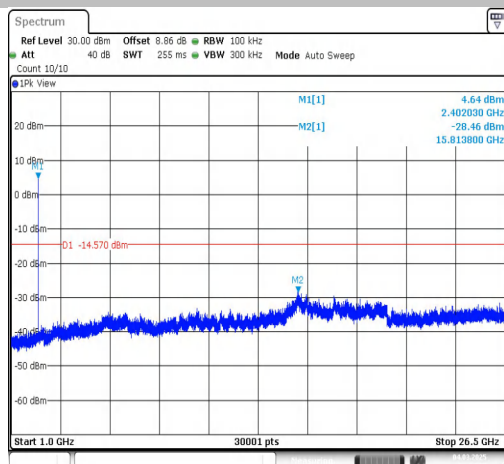
Date: 4.MAR.2025 16:22:54



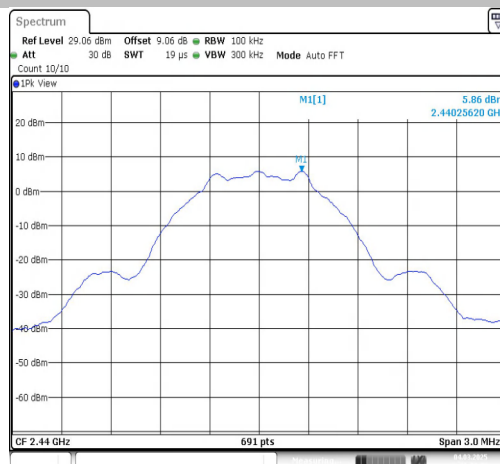
Date: 4.MAR.2025 16:23:06

BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS



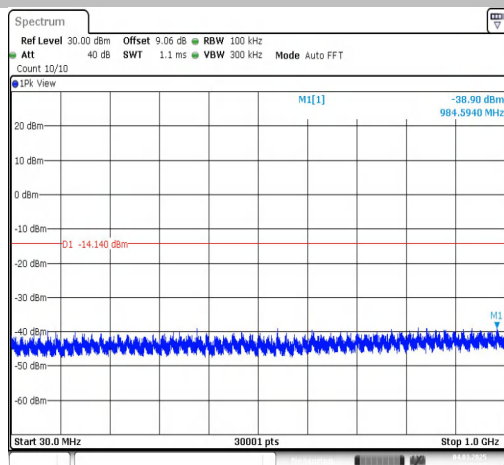
Date: 4.MAR.2025 16:23:43



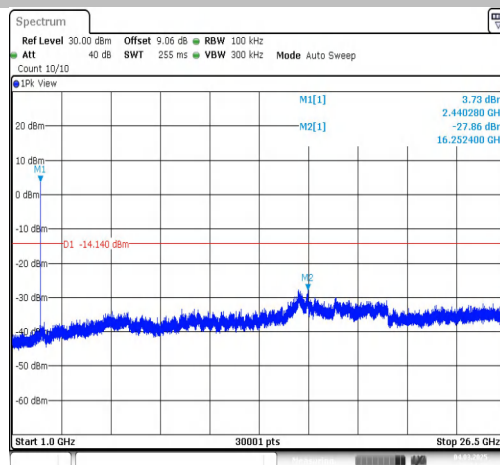
Date: 4.MAR.2025 16:28:32

BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS



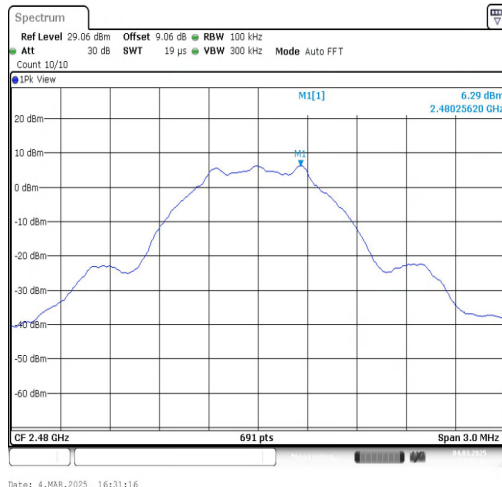
Date: 4.MAR.2025 16:28:44



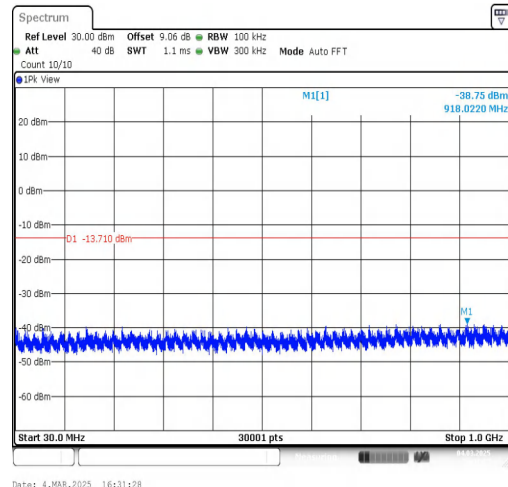
Date: 4.MAR.2025 16:29:21

BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



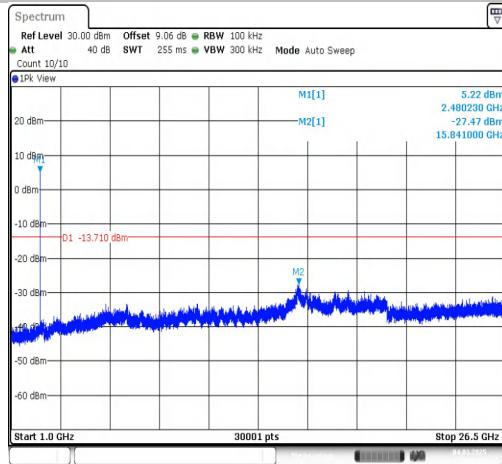
Date: 4.MAR.2025 16:31:16



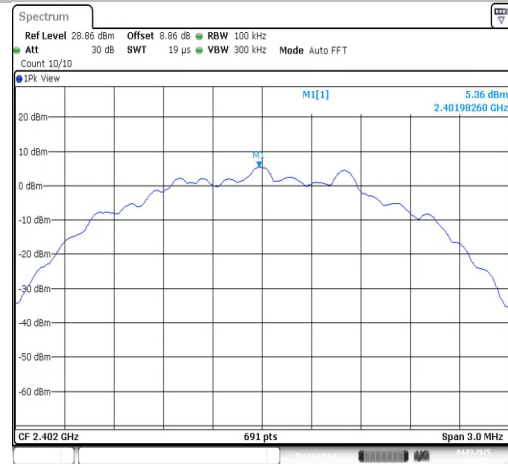
Date: 4.MAR.2025 16:31:28

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



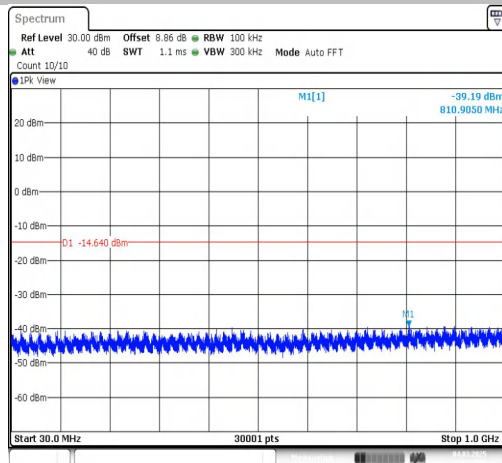
Date: 4.MAR.2025 16:32:05



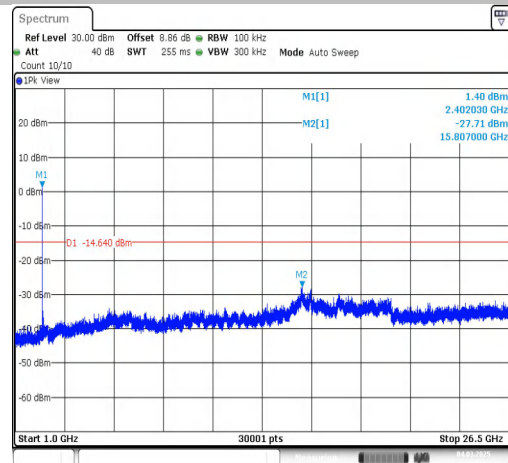
Date: 4.MAR.2025 16:34:21

BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



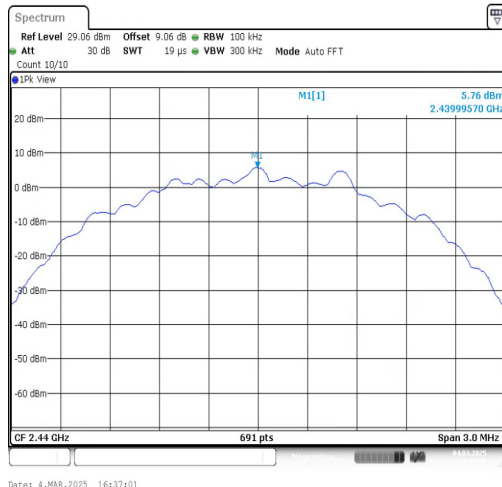
Date: 4.MAR.2025 16:34:33



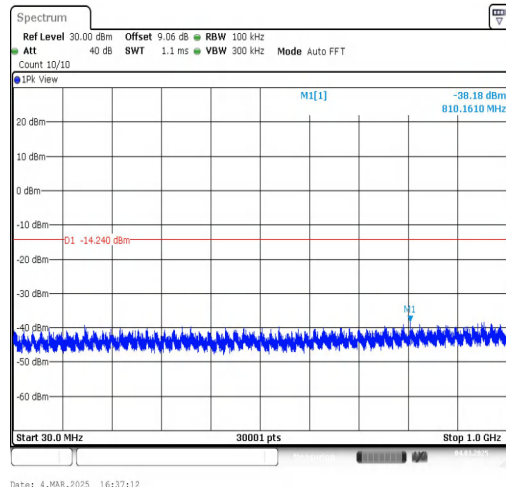
Date: 4.MAR.2025 16:35:10

BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



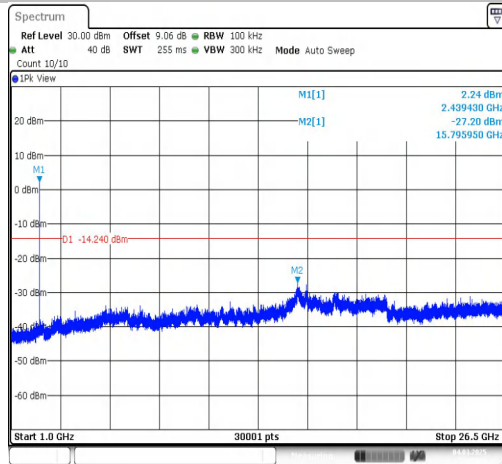
Date: 4.MAR.2025 16:37:01



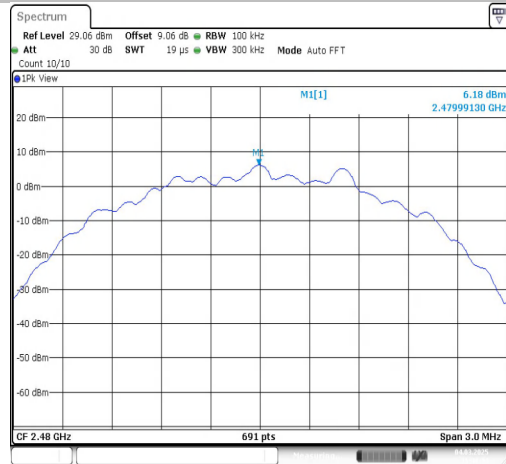
Date: 4.MAR.2025 16:37:12

BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



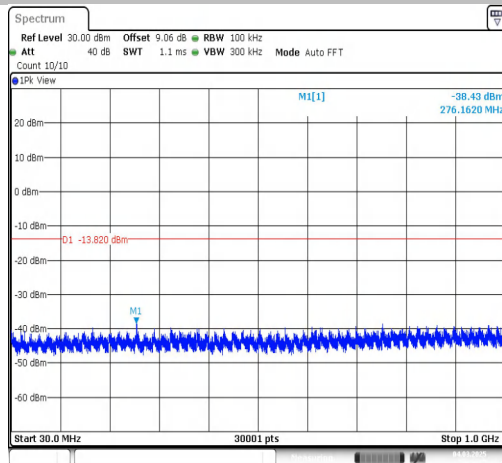
Date: 4.MAR.2025 16:37:49



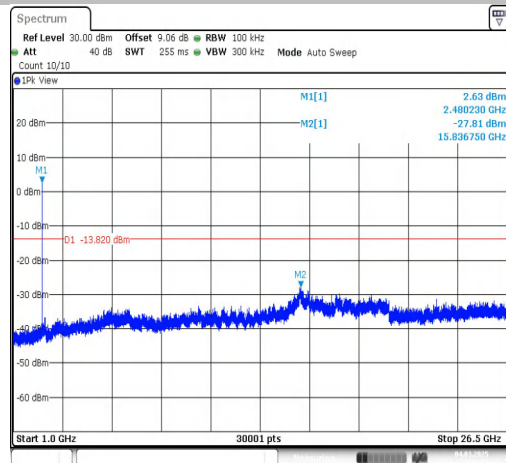
Date: 4.MAR.2025 16:40:34

BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2480-0~Reference-PASS



Date: 4.MAR.2025 16:40:46



Date: 4.MAR.2025 16:41:23

BLE_2M-Ant1-2480-30~1000-PASS

BLE_2M-Ant1-2480-1000~26500-PASS



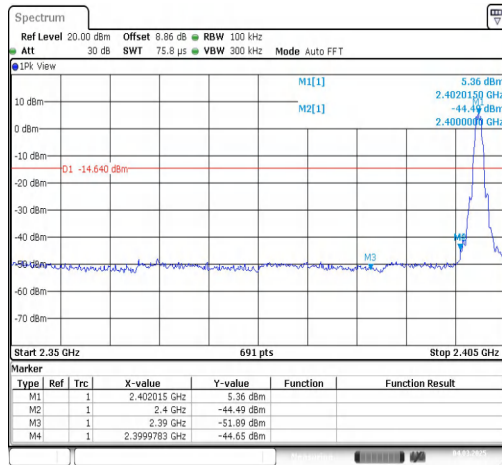
Appendix F: Band edge measurements

Test Result

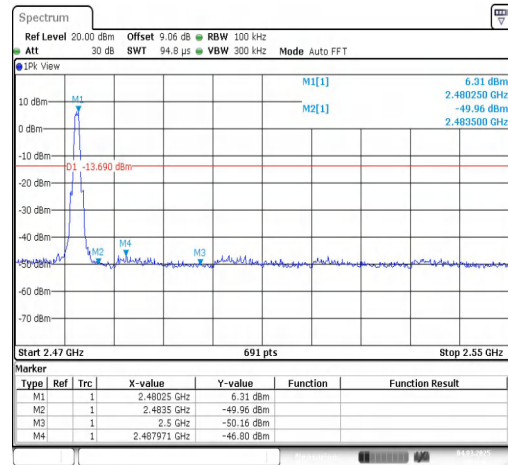
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.36	-44.65	≤ -14.64	PASS
BLE_1M	Ant1	High	2480	6.31	-46.8	≤ -13.69	PASS
BLE_2M	Ant1	Low	2402	5.23	-27.29	≤ -14.77	PASS
BLE_2M	Ant1	High	2480	6.16	-46.13	≤ -13.84	PASS



Test Graphs



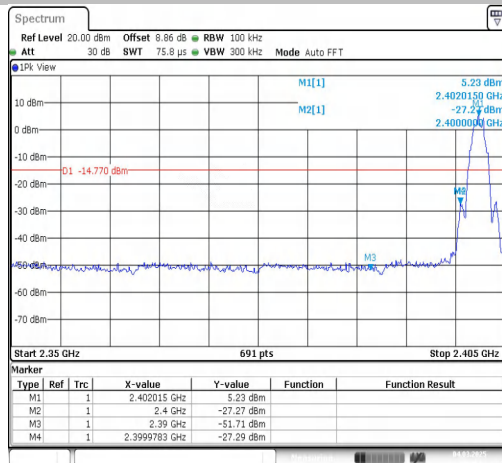
Date: 4.MAR.2025 16:22:44



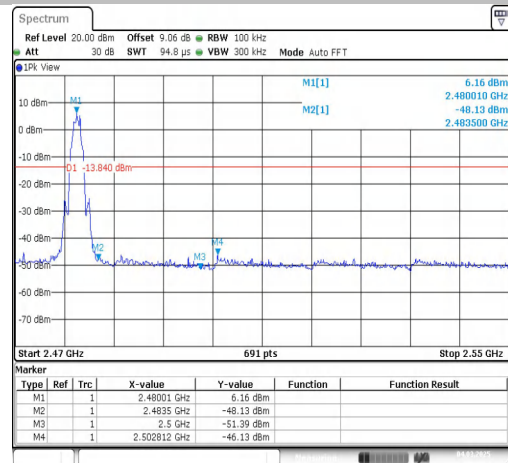
Date: 4.MAR.2025 16:31:08

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



Date: 4.MAR.2025 16:34:13



Date: 4.MAR.2025 16:40:26

BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



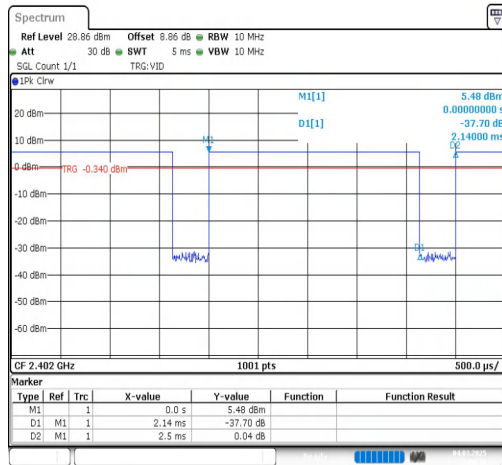
Appendix G: Duty Cycle

Test Result

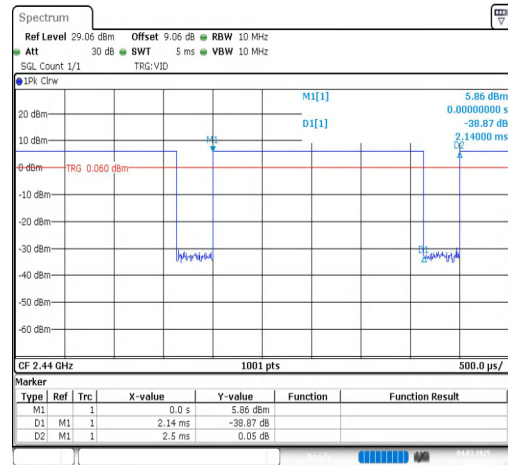
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.14	2.50	85.60
BLE_1M	Ant1	2440	2.14	2.50	85.60
BLE_1M	Ant1	2480	2.14	2.50	85.60
BLE_2M	Ant1	2402	1.08	1.88	57.45
BLE_2M	Ant1	2440	1.08	1.88	57.45
BLE_2M	Ant1	2480	1.08	1.88	57.45



Test Graphs



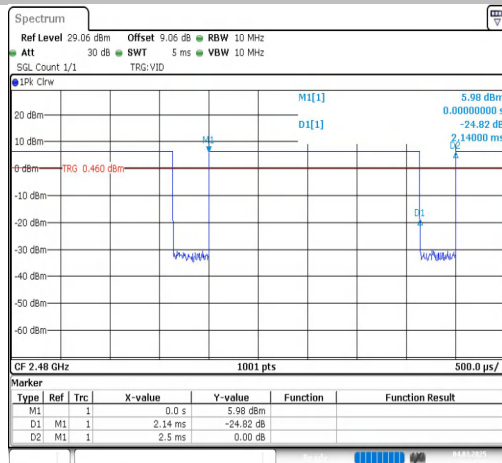
Date: 4.MAR.2025 16:26:11



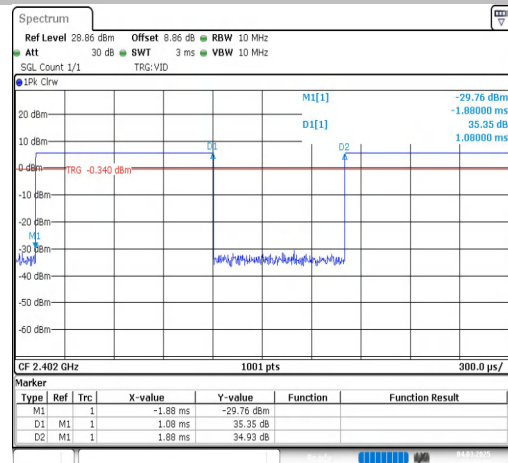
Date: 4.MAR.2025 16:27:22

NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



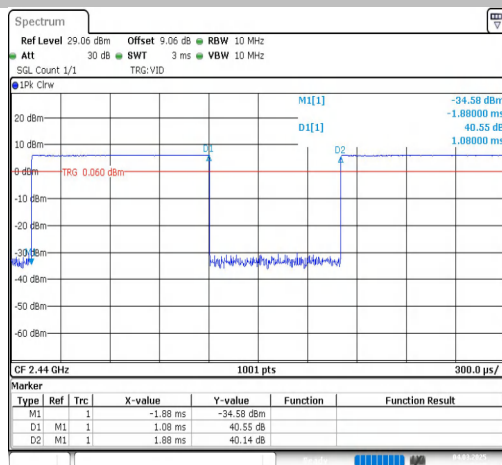
Date: 4.MAR.2025 16:29:59



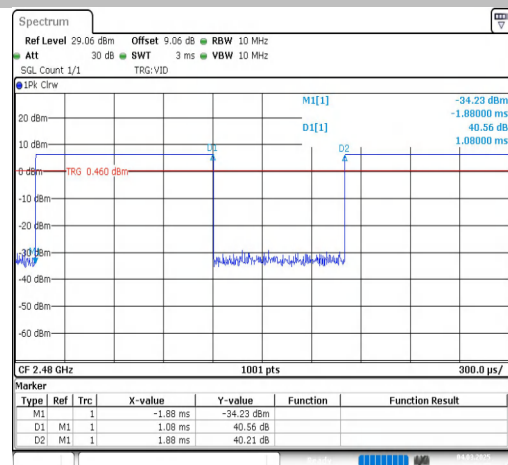
Date: 4.MAR.2025 16:32:52

NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402



Date: 4.MAR.2025 16:35:44



Date: 4.MAR.2025 16:38:56

NTNV-BLE_2M-Ant1-2440

NTNV-BLE_2M-Ant1-2480

-----END-----