



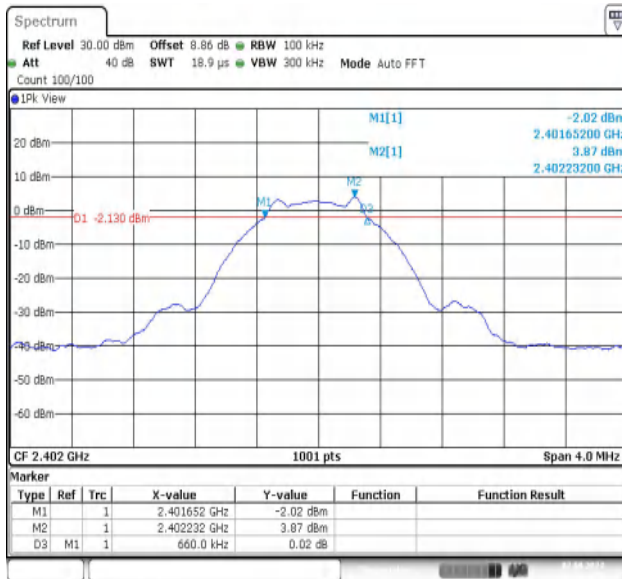
Appendix A: DTS Bandwidth

Test Result

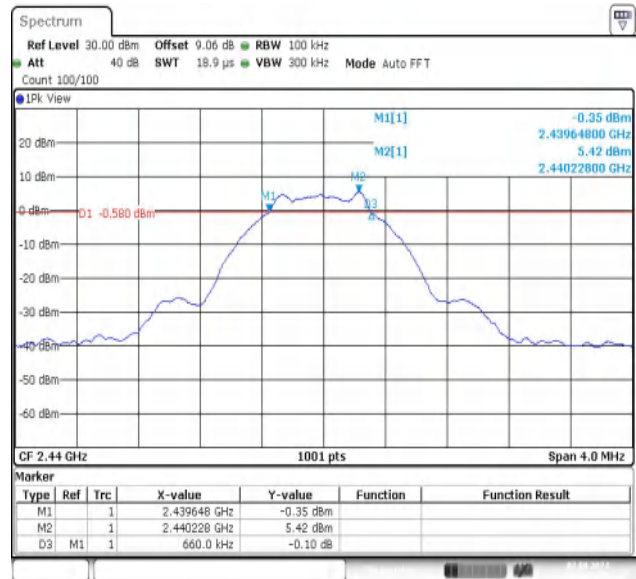
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.65	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.65	2440.31	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.65	2480.31	0.5	PASS
BLE_2M	Ant1	2402	1.24	2401.32	2402.57	0.5	PASS
BLE_2M	Ant1	2440	1.24	2439.32	2440.56	0.5	PASS
BLE_2M	Ant1	2480	1.24	2479.32	2480.56	0.5	PASS



Test Graphs

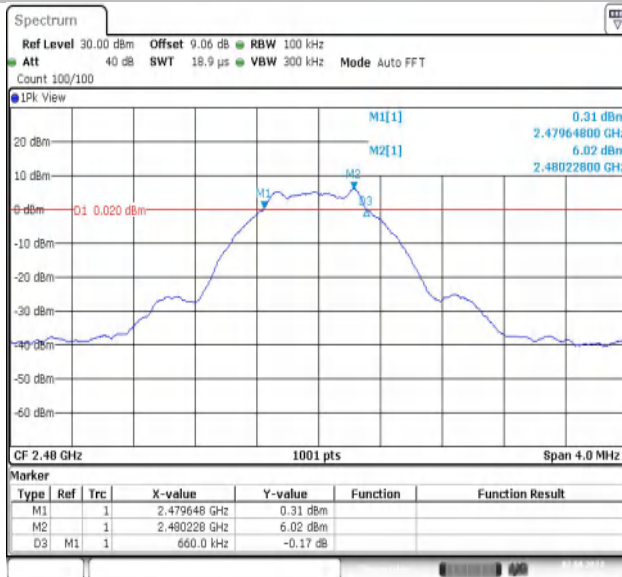


Date: 2.SEP.2024 14:11:57



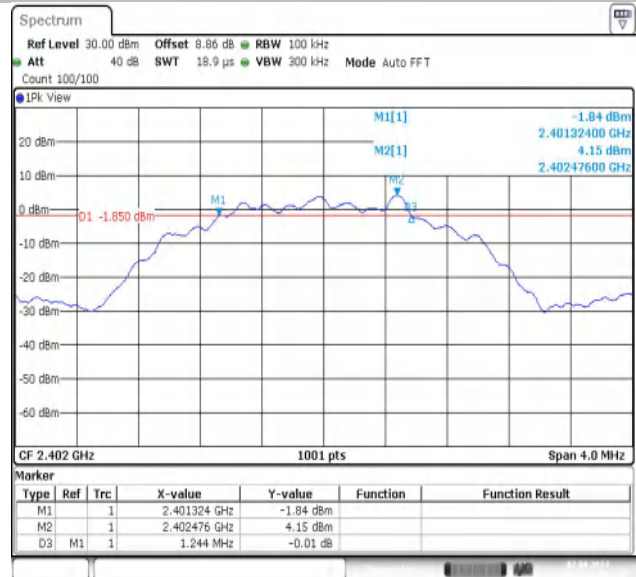
Date: 2.SEP.2024 14:25:38

BLE_1M-Ant1-2402-PASS



Date: 2.SEP.2024 14:28:13

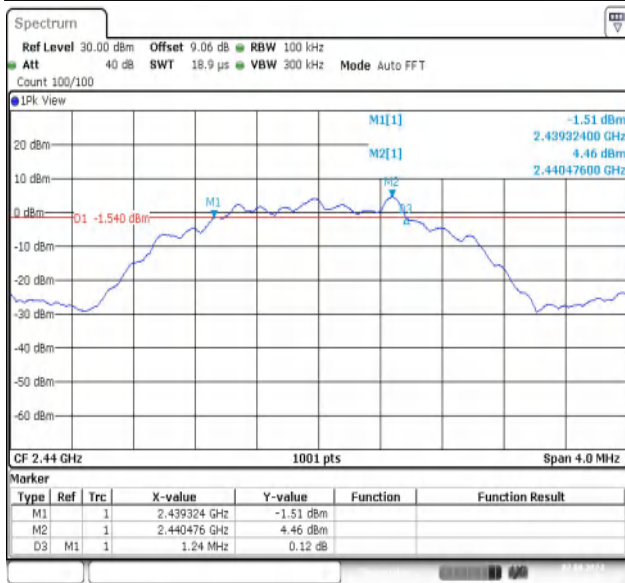
BLE_1M-Ant1-2440-PASS



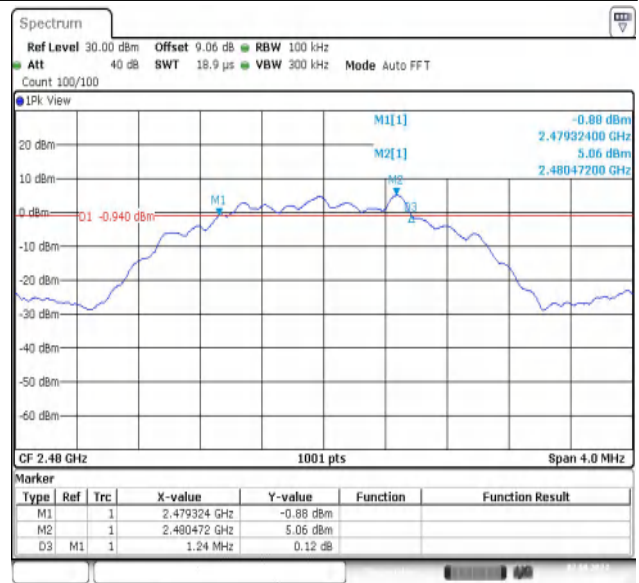
Date: 2.SEP.2024 14:31:05

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 2.SEP.2024 14:36:05



Date: 2.SEP.2024 14:39:37

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



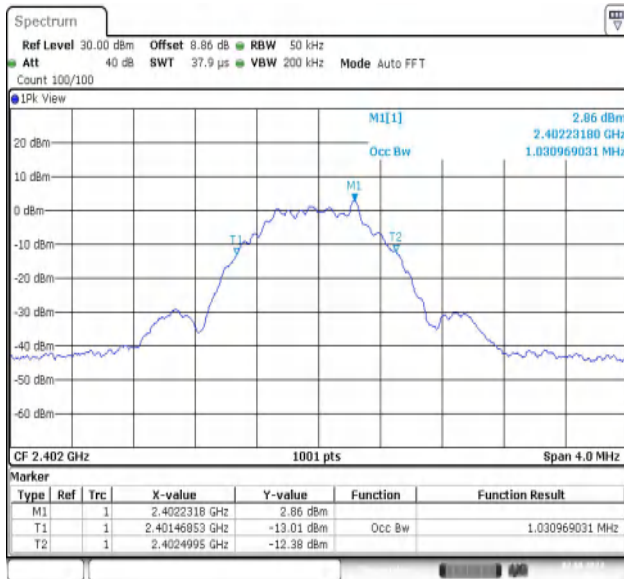
Appendix B: Occupied Channel Bandwidth

Test Result

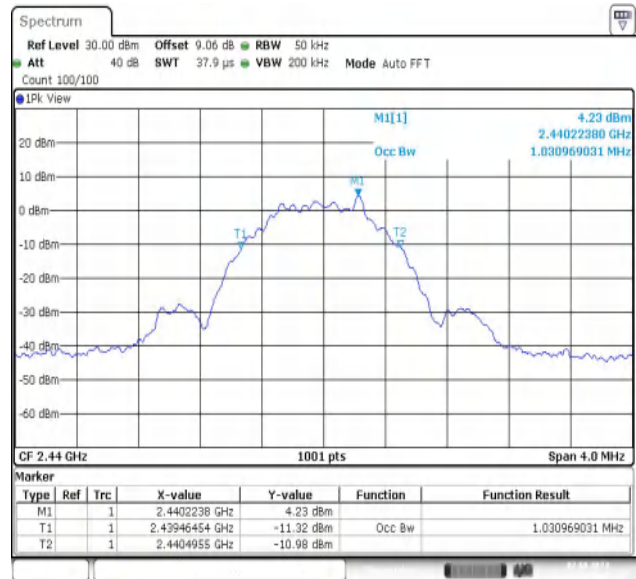
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.4685	2402.4995	---	---
BLE_1M	Ant1	2440	1.031	2439.4645	2440.4955	---	---
BLE_1M	Ant1	2480	1.031	2479.4645	2480.4955	---	---
BLE_2M	Ant1	2402	2.094	2400.9451	2403.0390	---	---
BLE_2M	Ant1	2440	2.114	2438.9331	2441.0470	---	---
BLE_2M	Ant1	2480	2.106	2478.9371	2481.0430	---	---



Test Graphs

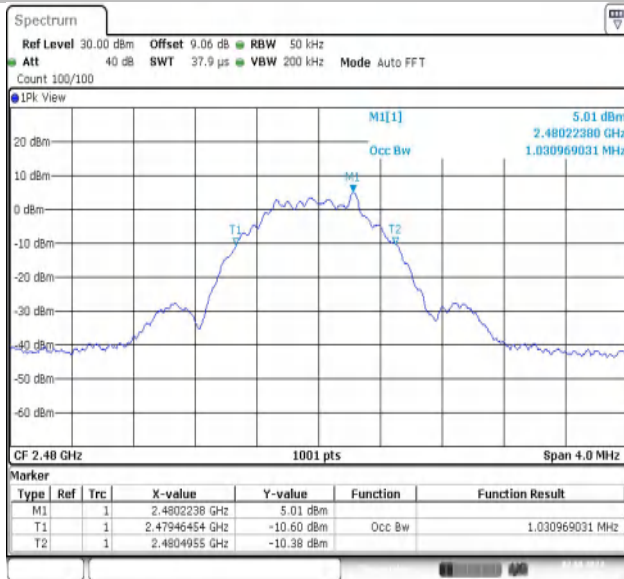


Date: 2.SEP.2024 14:12:04



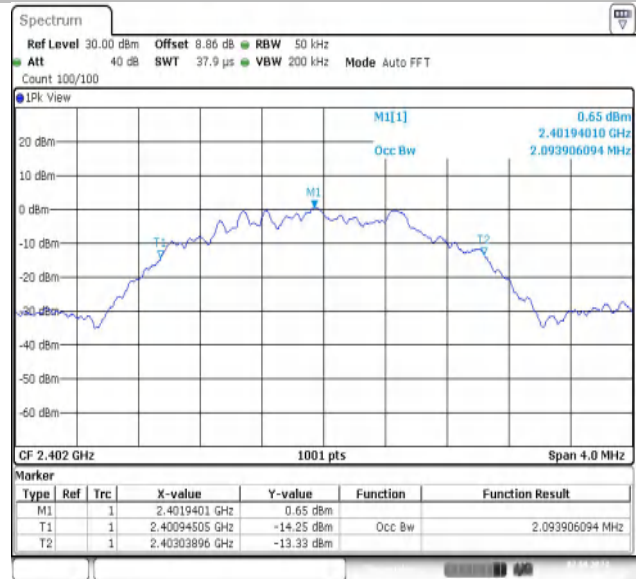
Date: 2.SEP.2024 14:25:46

BLE_1M-Ant1-2402



Date: 2.SEP.2024 14:28:21

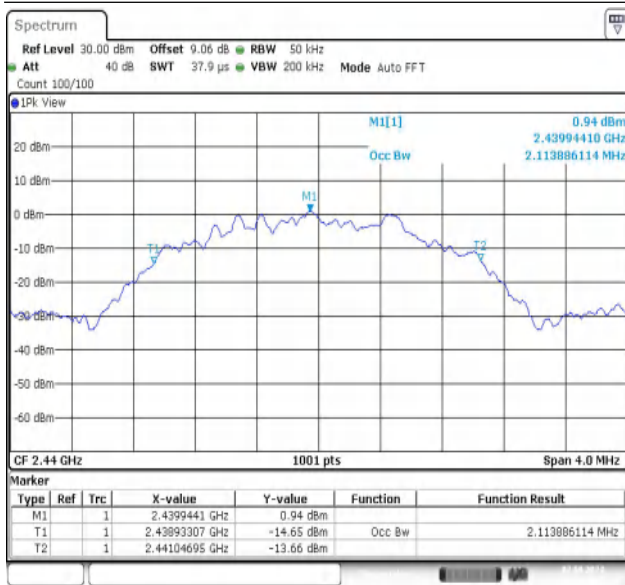
BLE_1M-Ant1-2440



Date: 2.SEP.2024 14:31:13

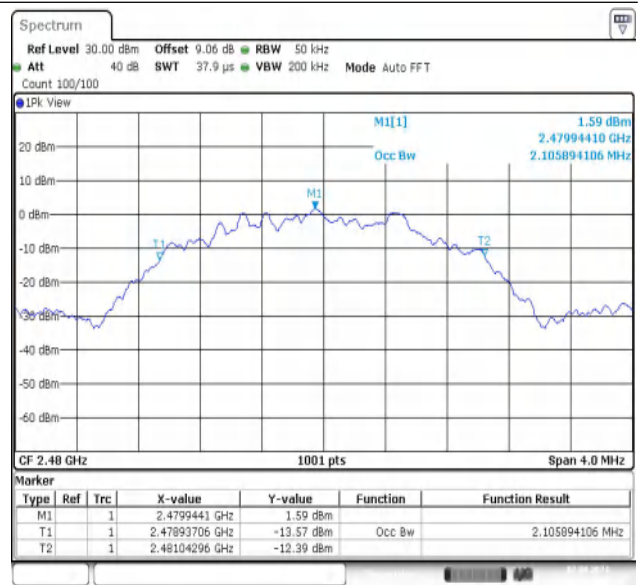
BLE_1M-Ant1-2480

BLE_2M-Ant1-2402



Date: 2.SEP.2024 14:36:13

BLE_2M-Ant1-2440



Date: 2.SEP.2024 14:39:45

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	4.14	≤30	0.80	4.94	≤36	PASS
BLE_1M	Ant1	2440	5.62	≤30	0.80	6.42	≤36	PASS
BLE_1M	Ant1	2480	6.27	≤30	0.80	7.07	≤36	PASS
BLE_2M	Ant1	2402	5.35	≤30	0.80	6.15	≤36	PASS
BLE_2M	Ant1	2440	5.65	≤30	0.80	6.45	≤36	PASS
BLE_2M	Ant1	2480	6.23	≤30	0.80	7.03	≤36	PASS



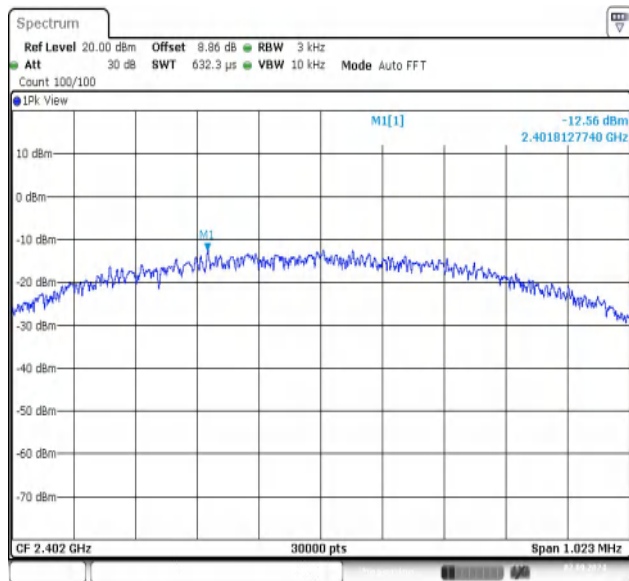
Appendix D: Maximum power spectral density

Test Result

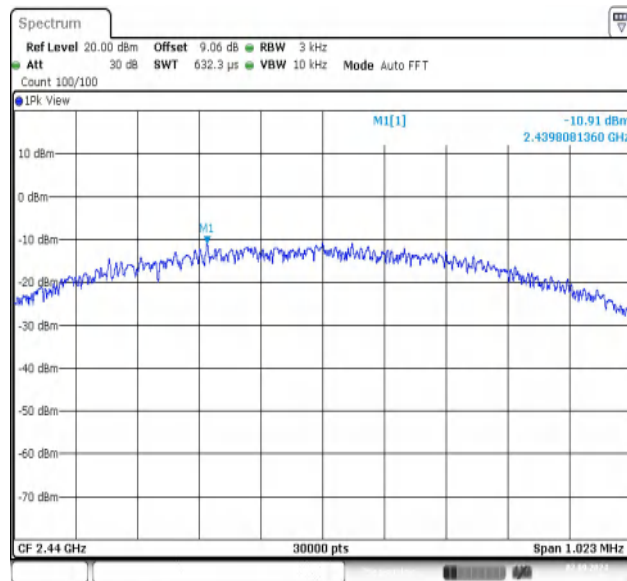
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.56	≤8.00	PASS
BLE_1M	Ant1	2440	-10.91	≤8.00	PASS
BLE_1M	Ant1	2480	-10.39	≤8.00	PASS
BLE_2M	Ant1	2402	-14.24	≤8.00	PASS
BLE_2M	Ant1	2440	-13.90	≤8.00	PASS
BLE_2M	Ant1	2480	-13.36	≤8.00	PASS



Test Graphs

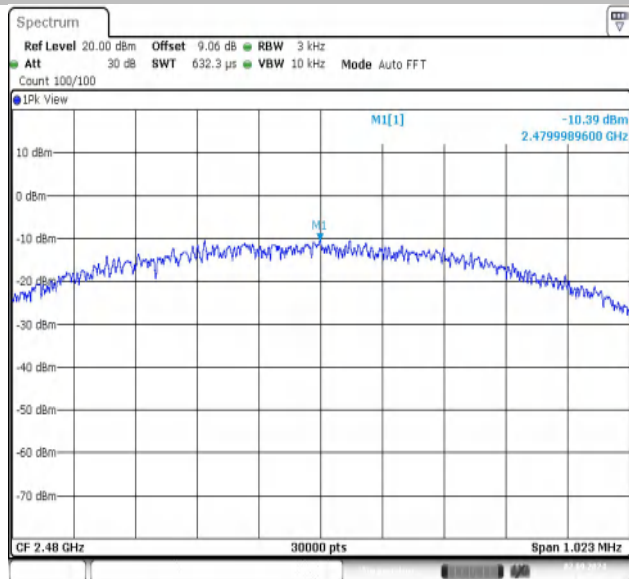


Date: 2.SEP.2024 14:12:44



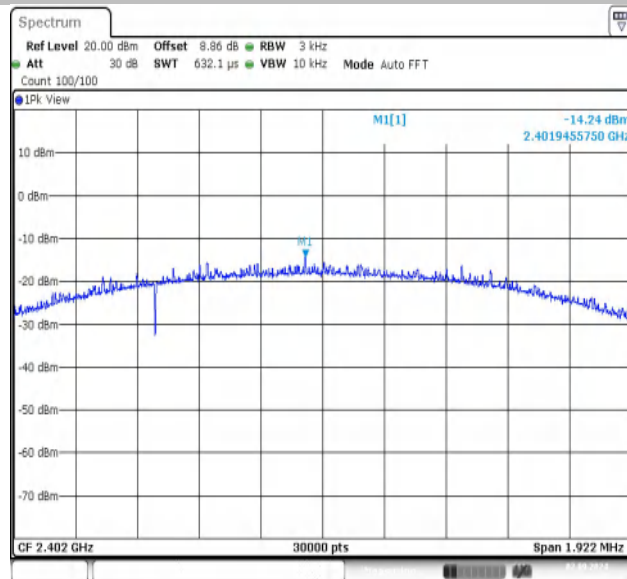
Date: 2.SEP.2024 14:26:24

BLE_1M-Ant1-2402-PASS



Date: 2.SEP.2024 14:29:01

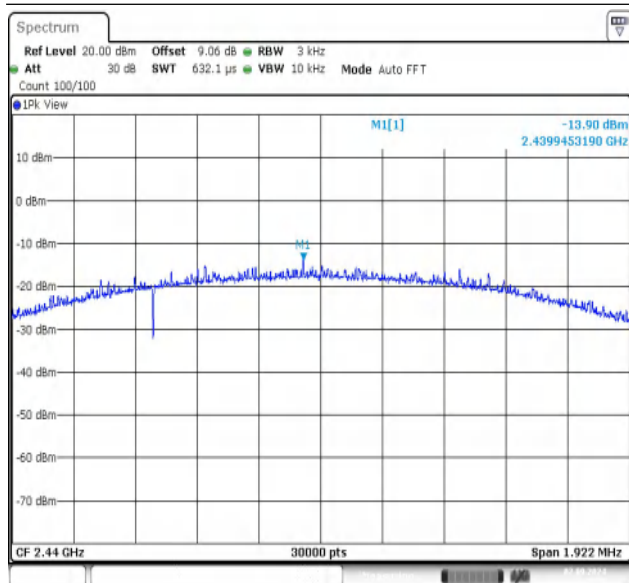
BLE_1M-Ant1-2440-PASS



Date: 2.SEP.2024 14:34:05

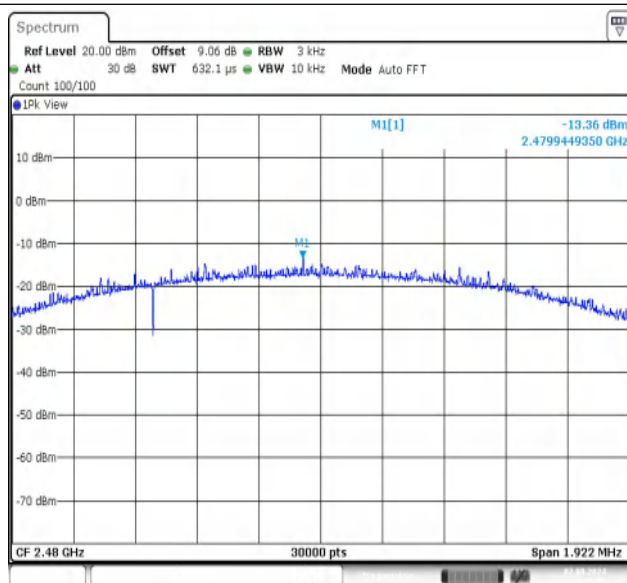
BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 2.SEP.2024 14:37:19

BLE_2M-Ant1-2440-PASS



Date: 2.SEP.2024 14:43:26

BLE_2M-Ant1-2480-PASS



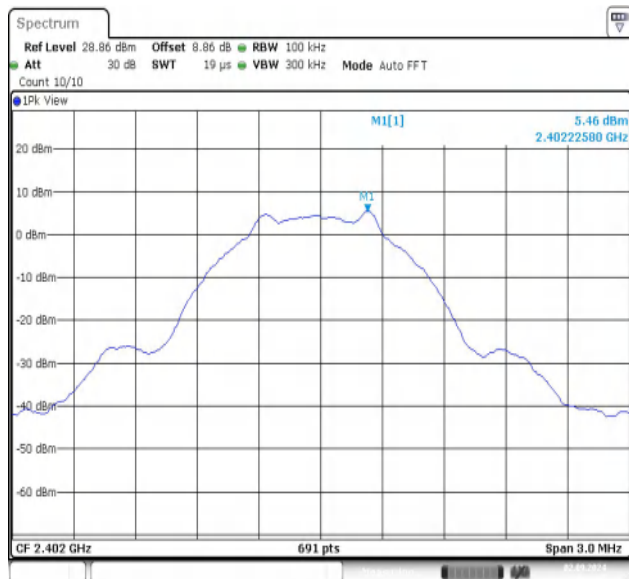
Appendix E: Conducted Spurious Emission

Test Result

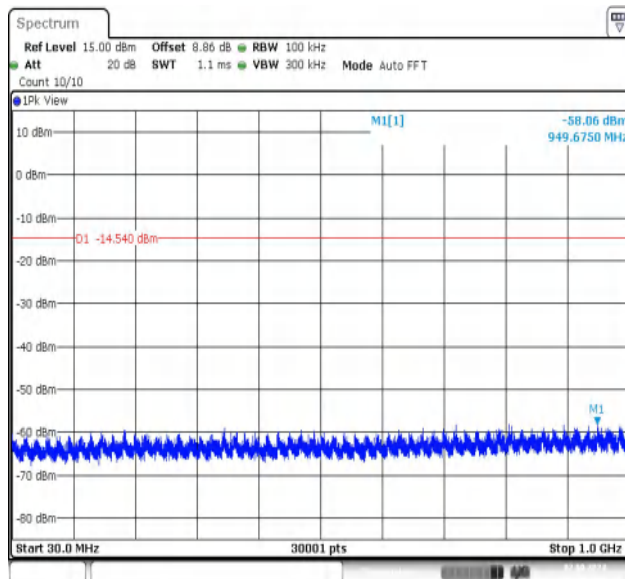
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	5.46	5.46	---	PASS
BLE_1M	Ant1	2402	30~1000	5.46	-58.06	≤-14.54	PASS
BLE_1M	Ant1	2402	1000~26500	5.46	-45.64	≤-14.54	PASS
BLE_1M	Ant1	2440	0~Reference	5.68	5.68	---	PASS
BLE_1M	Ant1	2440	30~1000	5.68	-57.87	≤-14.32	PASS
BLE_1M	Ant1	2440	1000~26500	5.68	-47.01	≤-14.32	PASS
BLE_1M	Ant1	2480	0~Reference	6.27	6.27	---	PASS
BLE_1M	Ant1	2480	30~1000	6.27	-57.42	≤-13.73	PASS
BLE_1M	Ant1	2480	1000~26500	6.27	-47.12	≤-13.73	PASS
BLE_2M	Ant1	2402	0~Reference	4.42	4.42	---	PASS
BLE_2M	Ant1	2402	30~1000	4.42	-57.85	≤-15.58	PASS
BLE_2M	Ant1	2402	1000~26500	4.42	-46.26	≤-15.58	PASS
BLE_2M	Ant1	2440	0~Reference	4.71	4.71	---	PASS
BLE_2M	Ant1	2440	30~1000	4.71	-57.62	≤-15.29	PASS
BLE_2M	Ant1	2440	1000~26500	4.71	-46.18	≤-15.29	PASS
BLE_2M	Ant1	2480	0~Reference	5.32	5.32	---	PASS
BLE_2M	Ant1	2480	30~1000	5.32	-56.91	≤-14.68	PASS
BLE_2M	Ant1	2480	1000~26500	5.32	-46.07	≤-14.68	PASS



Test Graphs

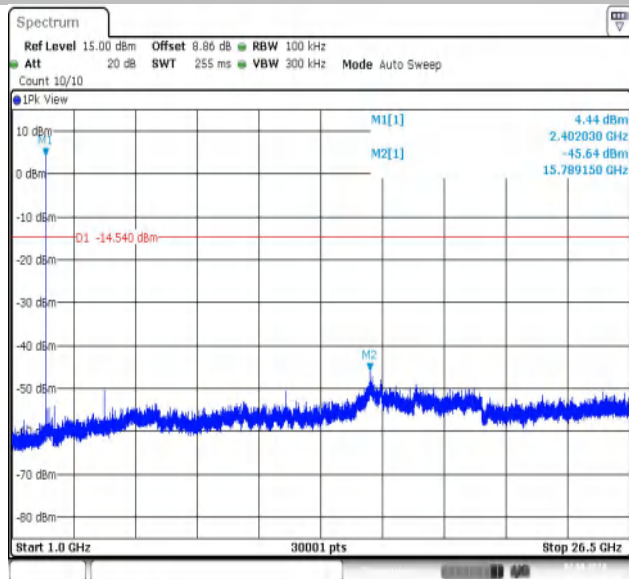


Date: 2.SEP.2024 14:23:44



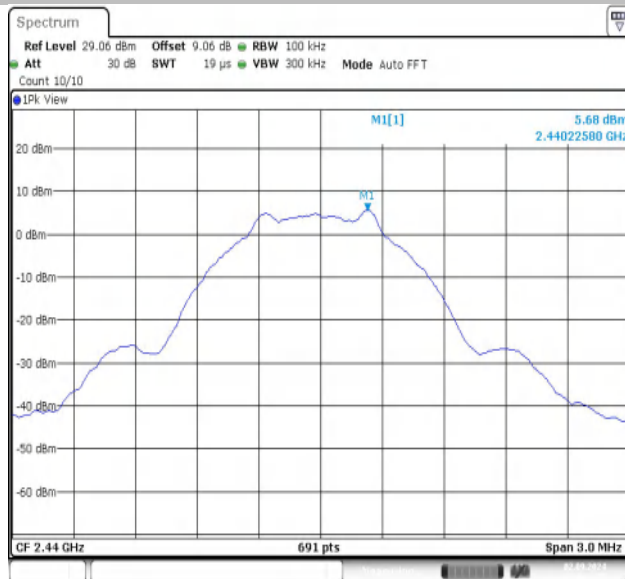
Date: 2.SEP.2024 14:23:56

BLE_1M-Ant1-2402-0~Reference-PASS



Date: 2.SEP.2024 14:24:33

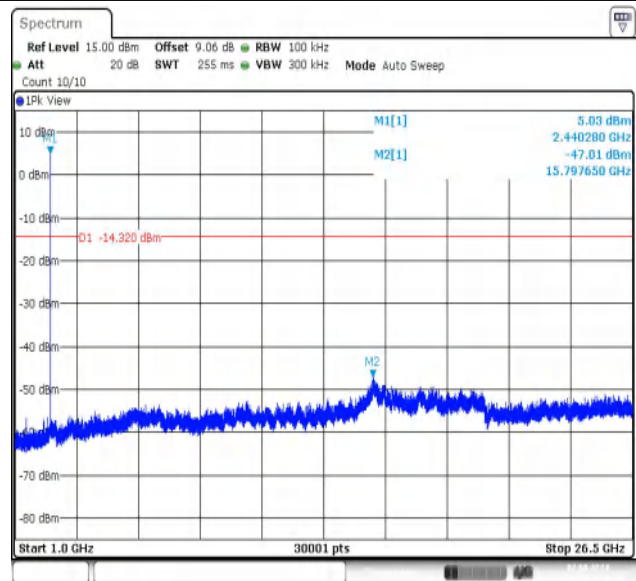
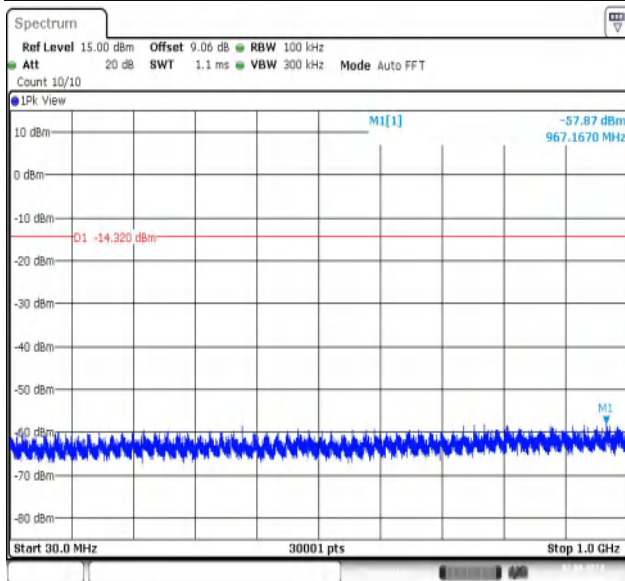
BLE_1M-Ant1-2402-30~1000-PASS



Date: 2.SEP.2024 14:26:33

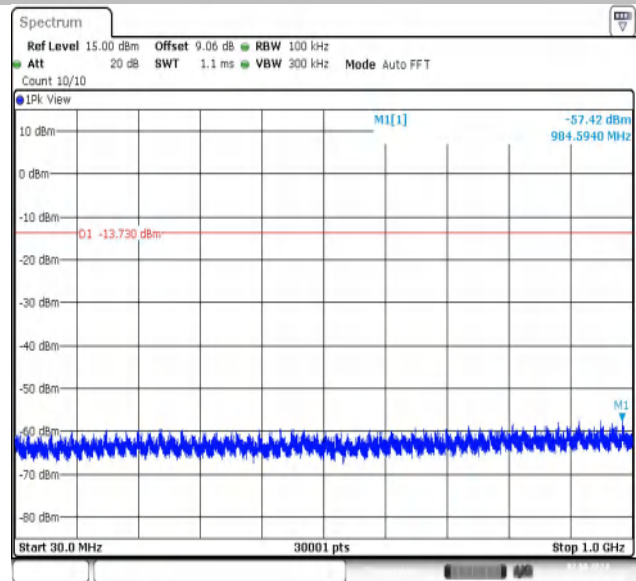
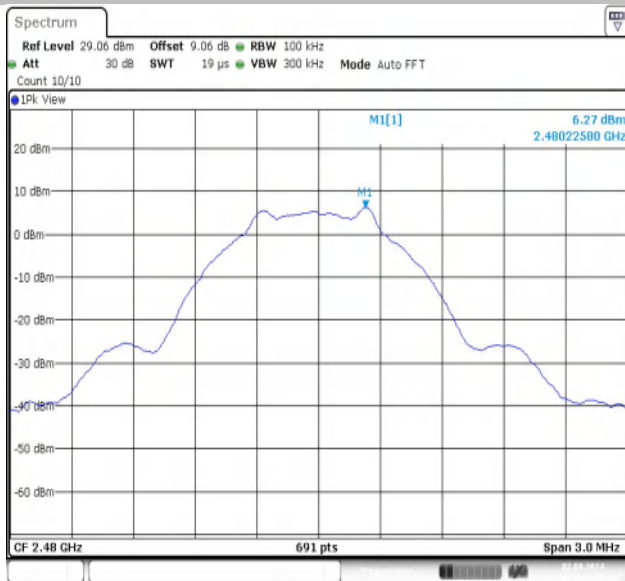
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS



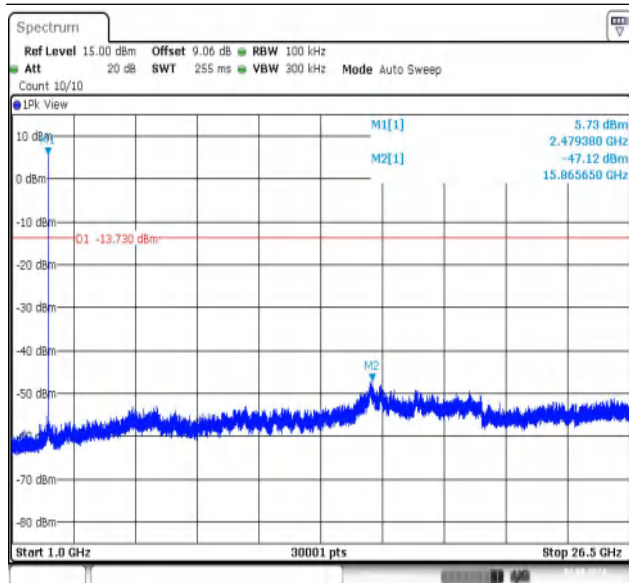
BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS

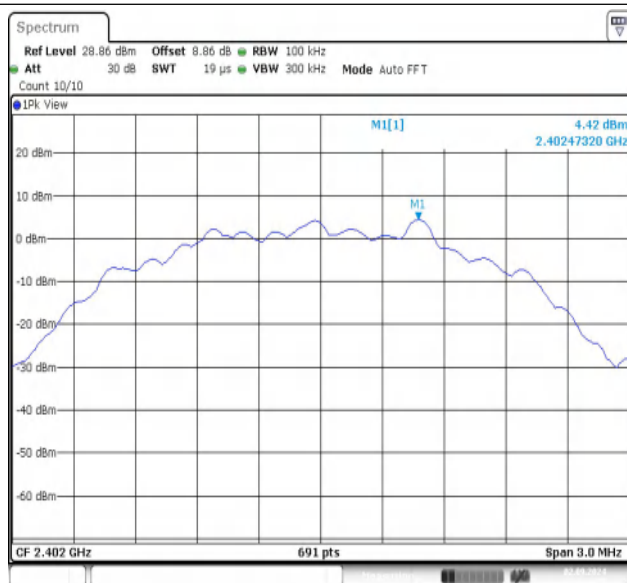


BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



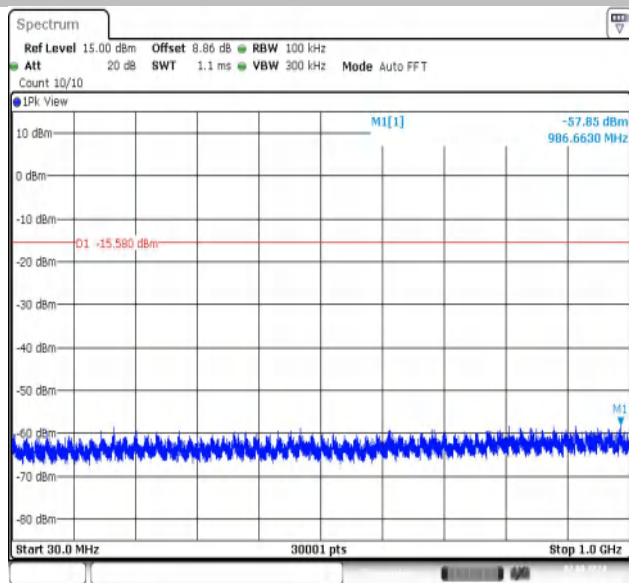
Date: 2.SEP.2024 14:30:08



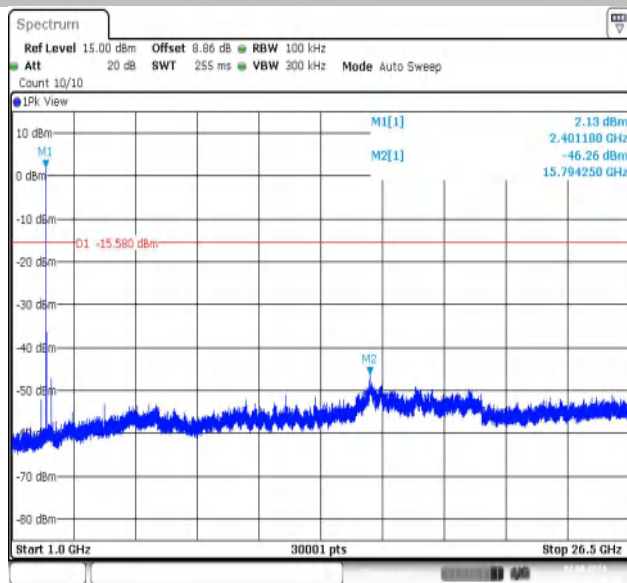
Date: 2.SEP.2024 14:34:25

BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



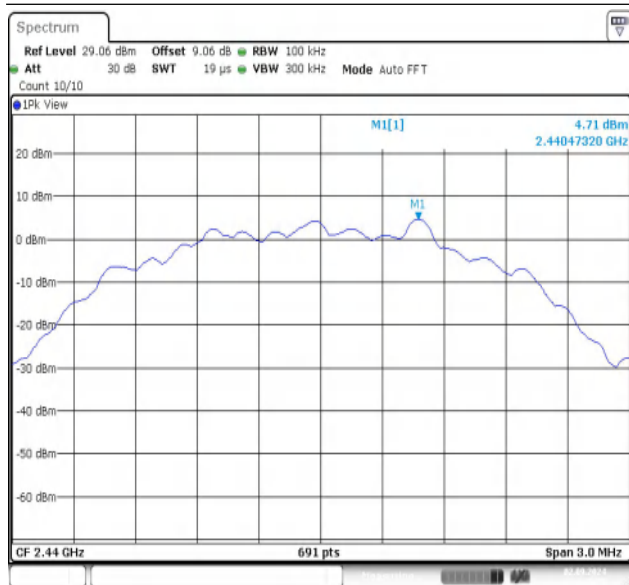
Date: 2.SEP.2024 14:34:36



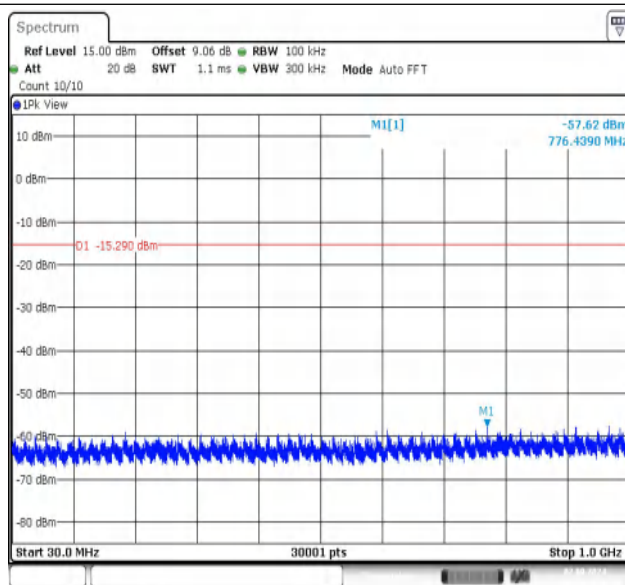
Date: 2.SEP.2024 14:35:13

BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



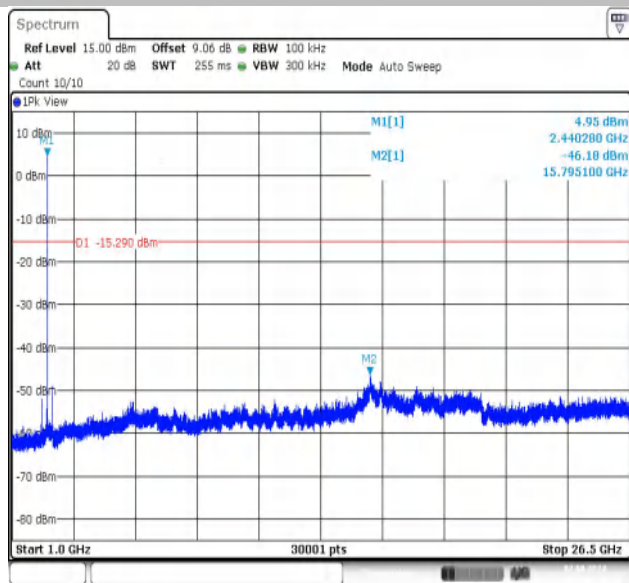
Date: 2.SEP.2024 14:37:28



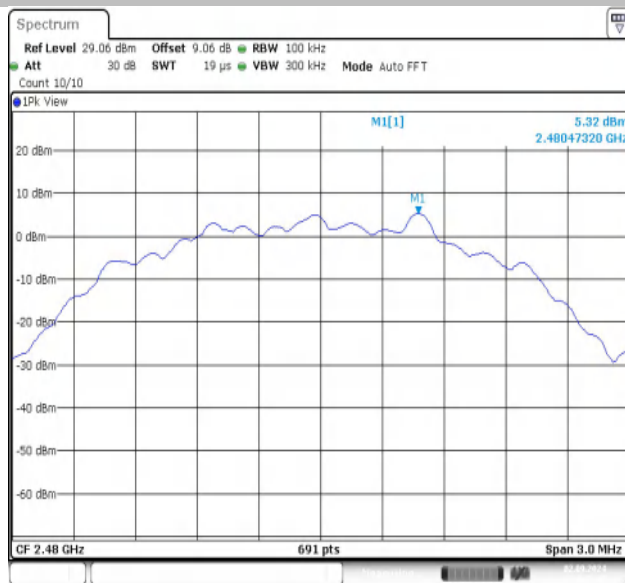
Date: 2.SEP.2024 14:37:40

BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



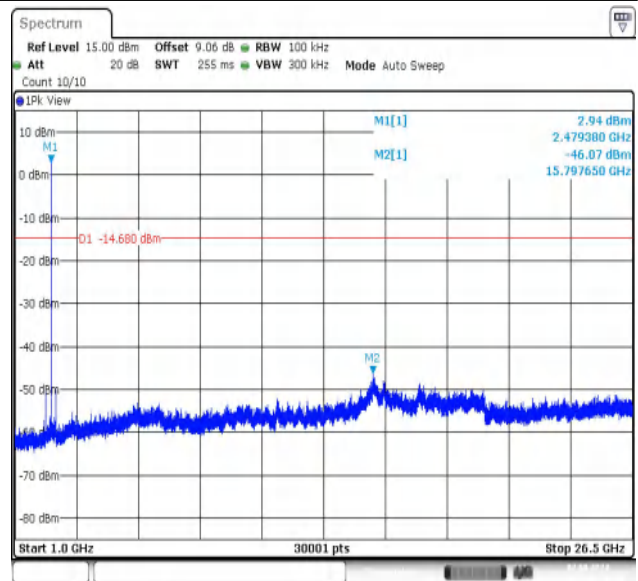
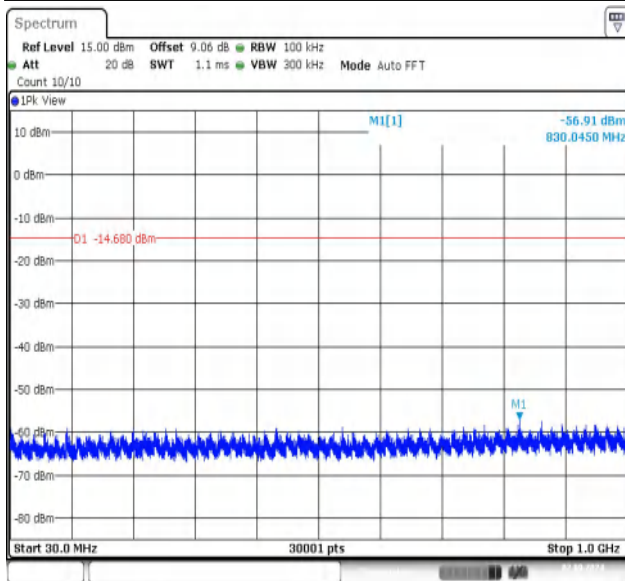
Date: 2.SEP.2024 14:38:17



Date: 2.SEP.2024 14:43:45

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



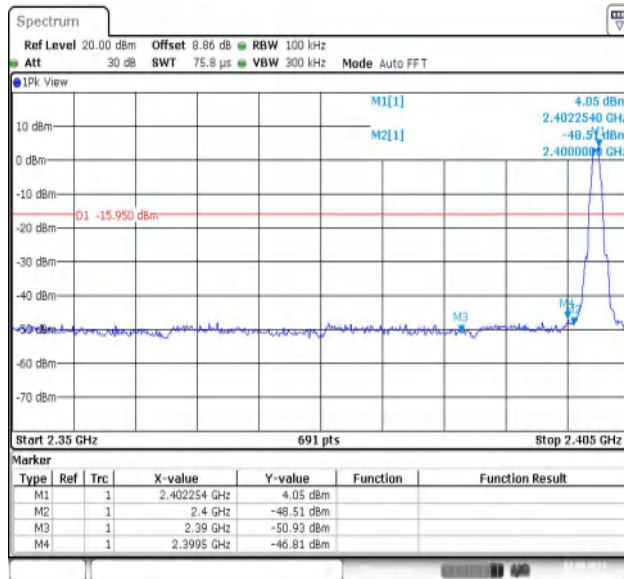
Appendix F: Band edge measurements

Test Result

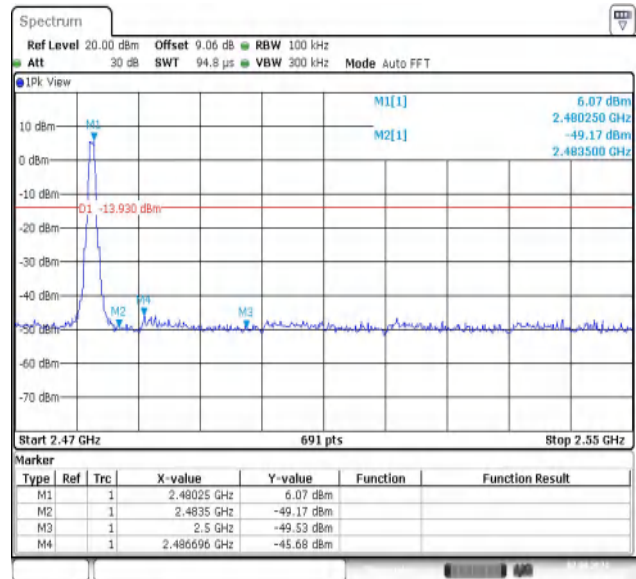
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.05	-46.81	≤ -15.95	PASS
BLE_1M	Ant1	High	2480	6.07	-45.68	≤ -13.93	PASS
BLE_2M	Ant1	Low	2402	4.04	-24.78	≤ -15.96	PASS
BLE_2M	Ant1	High	2480	5.25	-46.69	≤ -14.75	PASS



Test Graphs



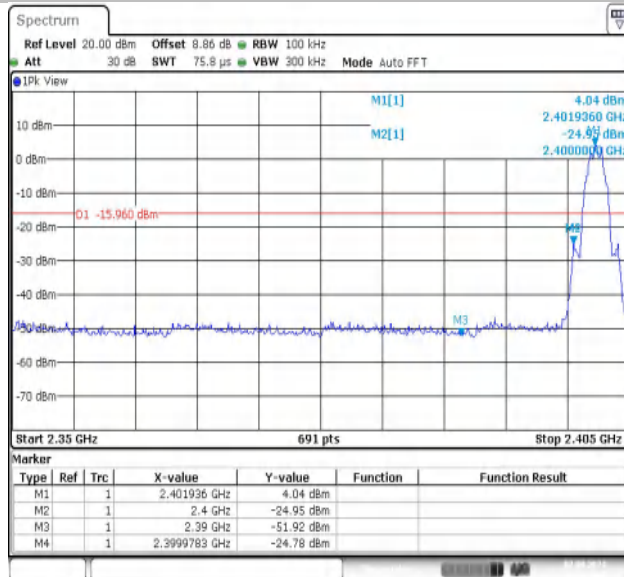
Date: 2.SEP.2024 14:12:53



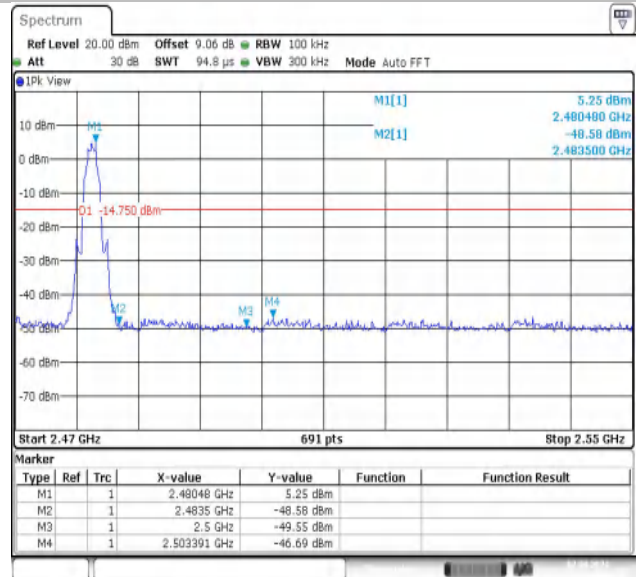
Date: 2.SEP.2024 14:25:10

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



Date: 2.SEP.2024 14:34:15



Date: 2.SEP.2024 14:43:36

BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



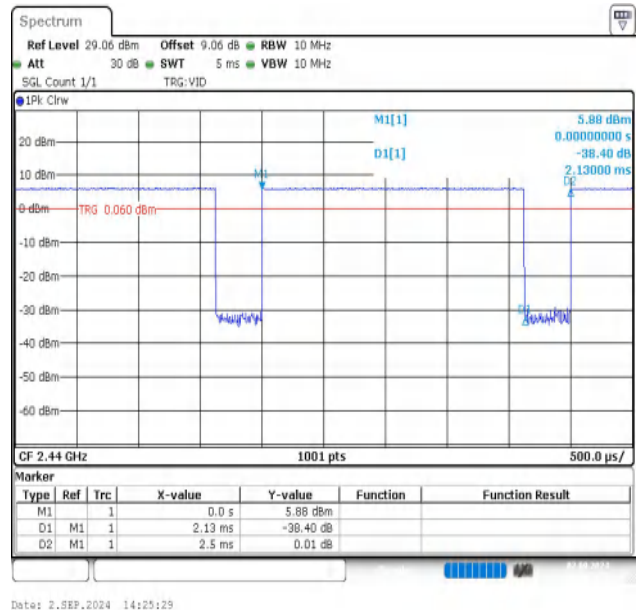
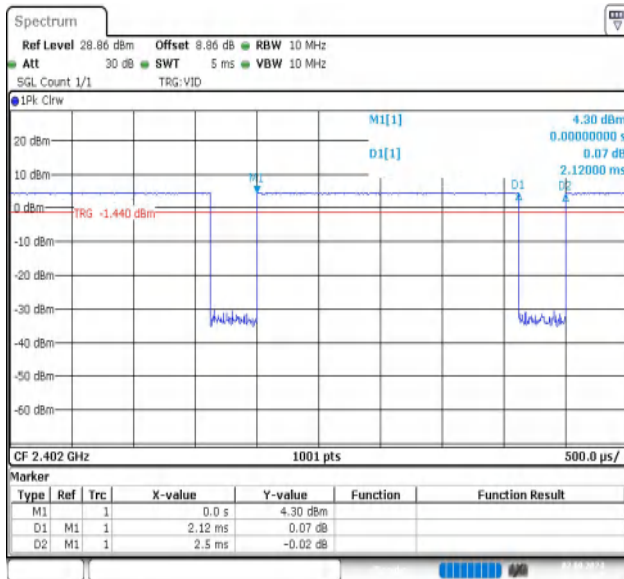
Appendix G: Duty Cycle

Test Result

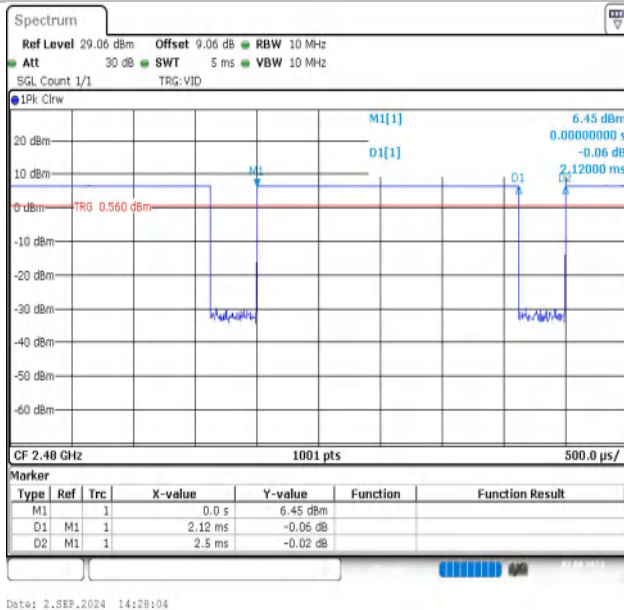
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]
BLE_1M	Ant1	2402	2.12	2.50	84.80	0.72
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.12	2.50	84.80	0.72
BLE_2M	Ant1	2402	1.07	1.88	56.91	2.45
BLE_2M	Ant1	2440	1.07	1.88	56.91	2.45
BLE_2M	Ant1	2480	1.07	1.88	56.91	2.45



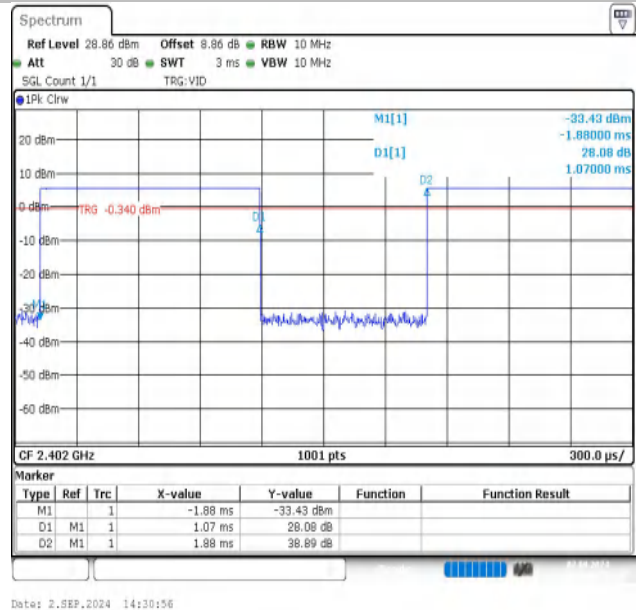
Test Graphs



NTNV-BLE_1M-Ant1-2402

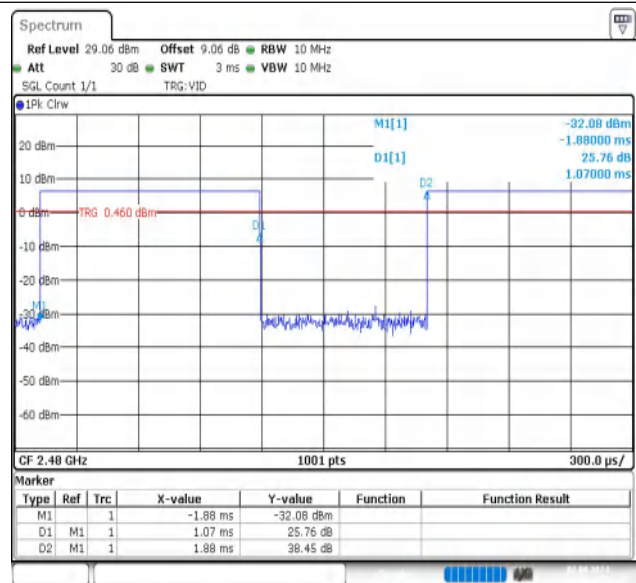
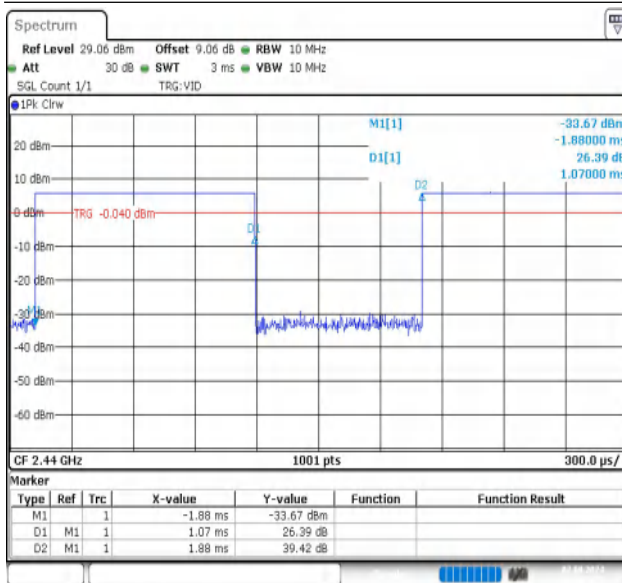


NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402



NTNV-BLE_2M-Ant1-2440

NTNV-BLE_2M-Ant1-2480

-----END-----