



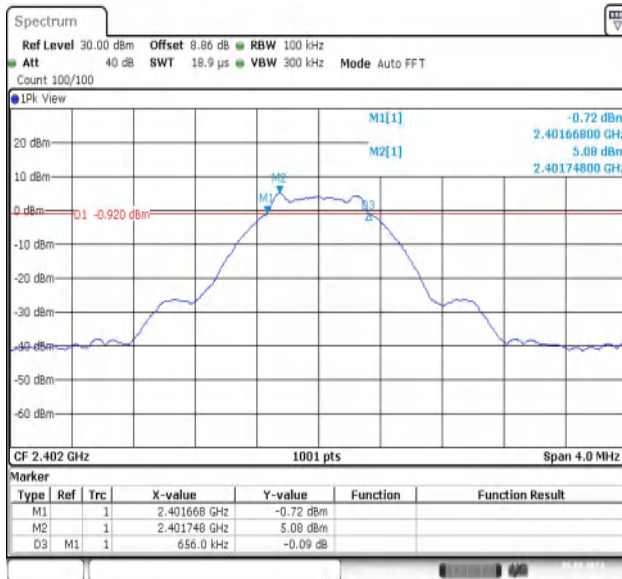
Appendix A: DTS Bandwidth

Test Result

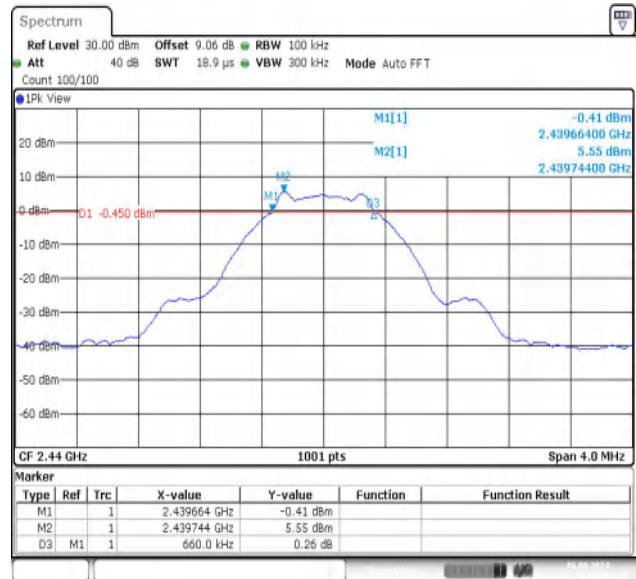
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.66	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.67	2480.32	0.5	PASS
BLE_2M	Ant1	2402	1.16	2401.42	2402.58	0.5	PASS
BLE_2M	Ant1	2440	1.16	2439.42	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.16	2479.42	2480.58	0.5	PASS



Test Graphs



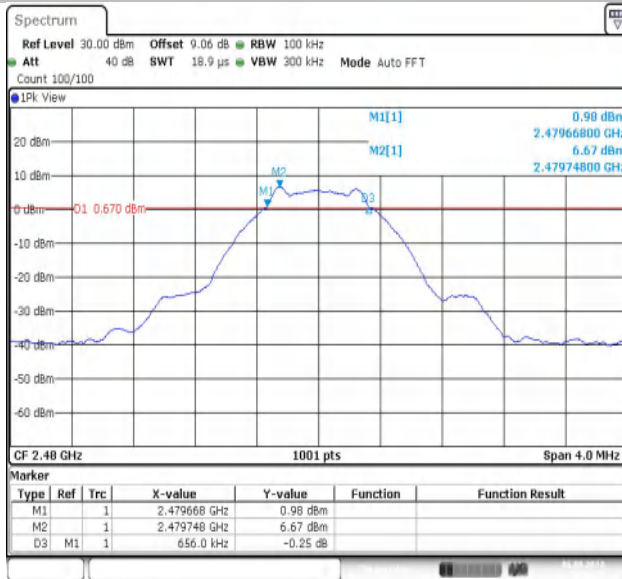
Date: 6.AUG.2024 13:55:43



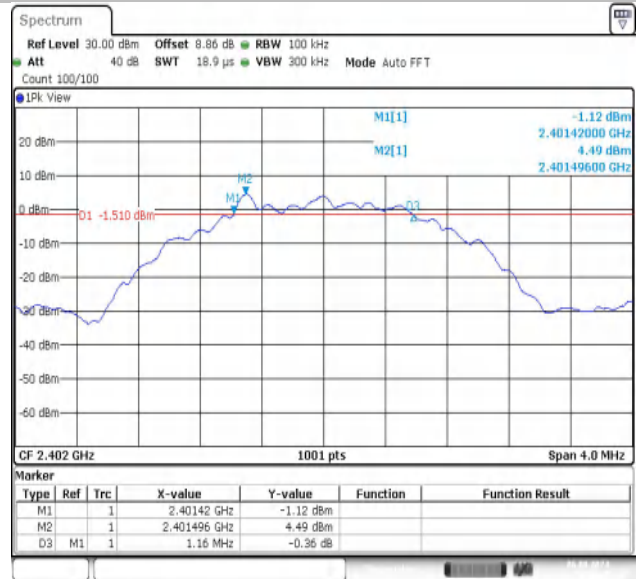
Date: 6.AUG.2024 13:59:28

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



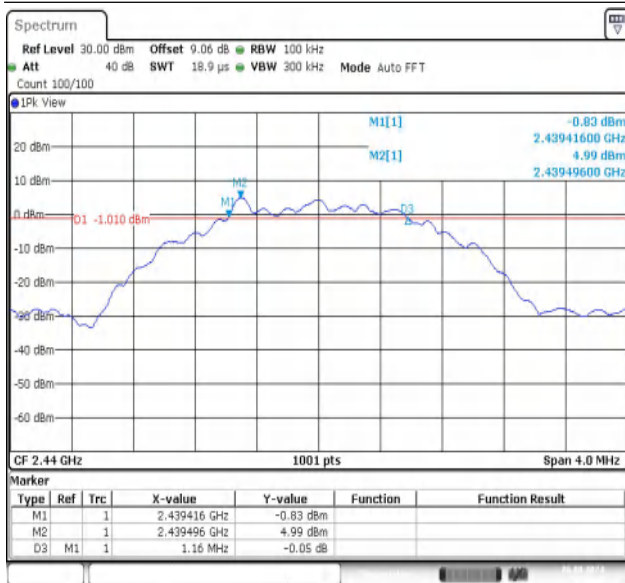
Date: 6.AUG.2024 14:02:53



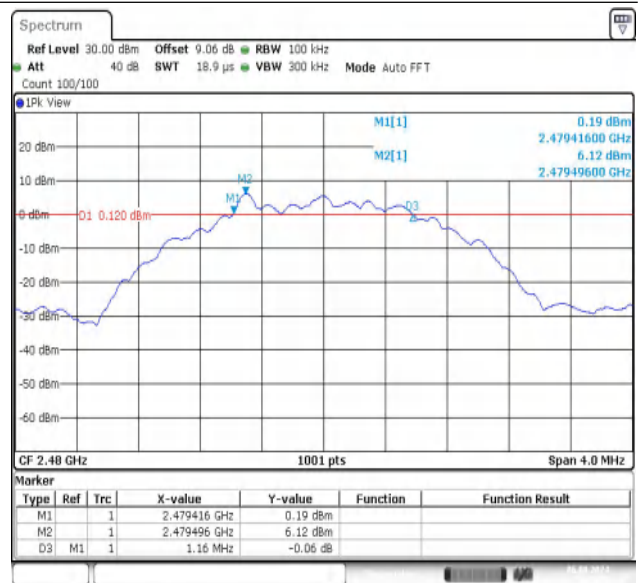
Date: 6.AUG.2024 14:06:47

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 6.AUG.2024 14:09:44



Date: 6.AUG.2024 14:13:58

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS



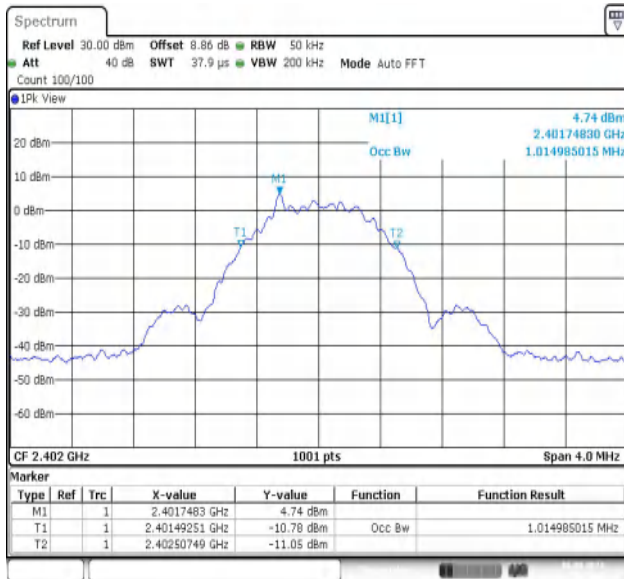
Appendix B: Occupied Channel Bandwidth

Test Result

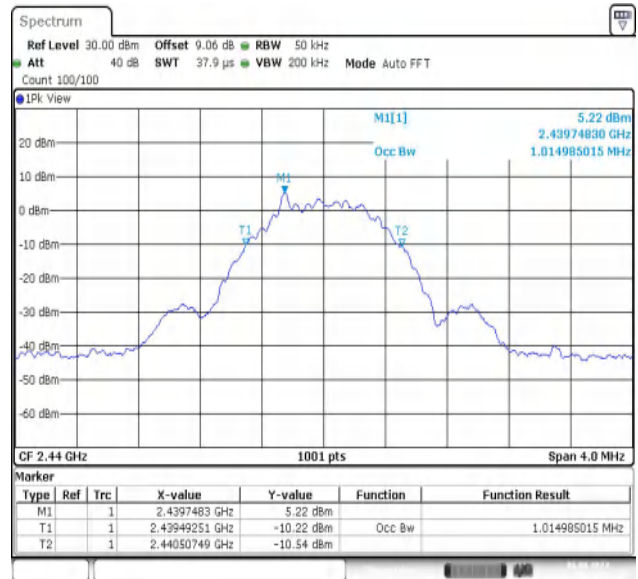
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.015	2401.4925	2402.5075	---	---
BLE_1M	Ant1	2440	1.015	2439.4925	2440.5075	---	---
BLE_1M	Ant1	2480	1.019	2479.4885	2480.5075	---	---
BLE_2M	Ant1	2402	2.03	2401.0010	2403.0310	---	---
BLE_2M	Ant1	2440	2.03	2438.9970	2441.0270	---	---
BLE_2M	Ant1	2480	2.034	2478.9970	2481.0310	---	---



Test Graphs



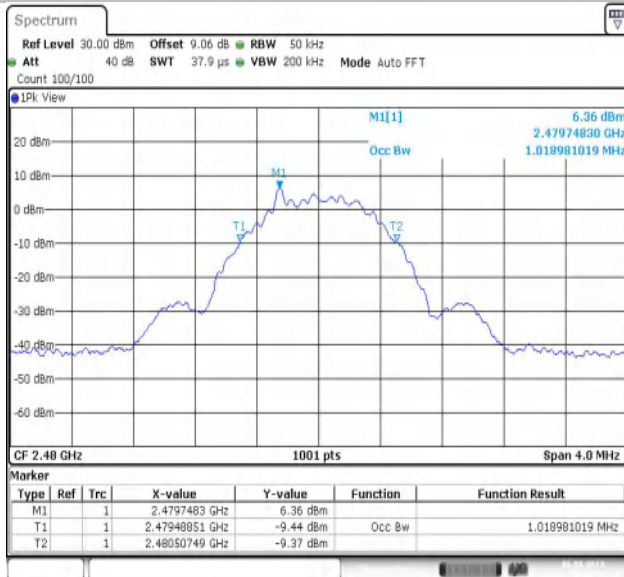
Date: 6.AUG.2024 13:55:50



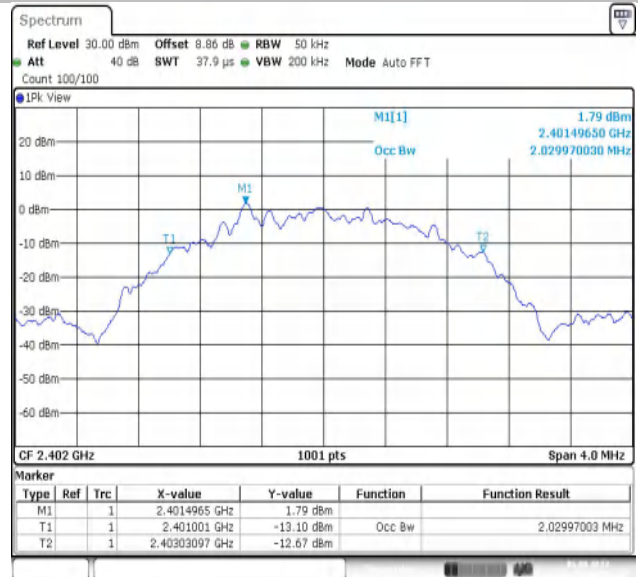
Date: 6.AUG.2024 13:59:35

BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



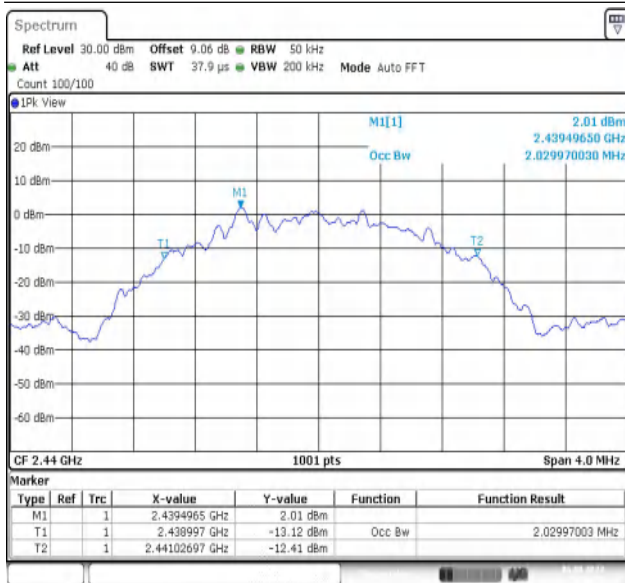
Date: 6.AUG.2024 14:02:59



Date: 6.AUG.2024 14:06:53

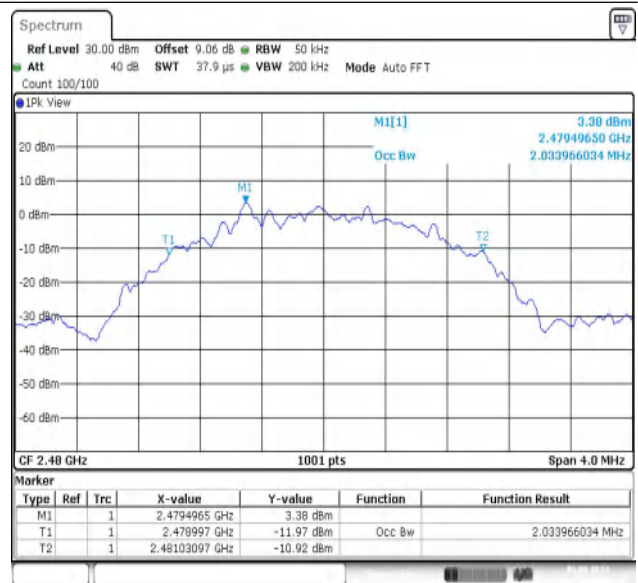
BLE_1M-Ant1-2480

BLE_2M-Ant1-2402



Date: 6.AUG.2024 14:09:51

BLE_2M-Ant1-2440



Date: 6.AUG.2024 14:14:04

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	5.30	≤30	3.58	8.88	≤36	PASS
BLE_1M	Ant1	2440	5.80	≤30	3.58	9.38	≤36	PASS
BLE_1M	Ant1	2480	6.92	≤30	3.58	10.50	≤36	PASS
BLE_2M	Ant1	2402	5.21	≤30	3.58	8.79	≤36	PASS
BLE_2M	Ant1	2440	5.72	≤30	3.58	9.30	≤36	PASS
BLE_2M	Ant1	2480	6.83	≤30	3.58	10.41	≤36	PASS



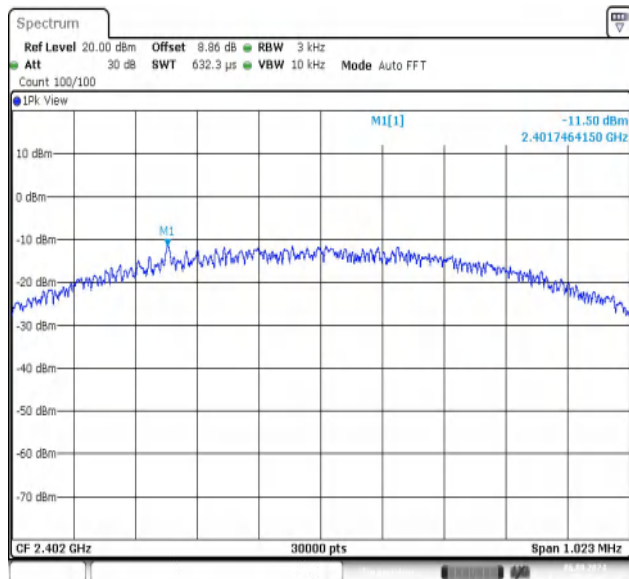
Appendix D: Maximum power spectral density

Test Result

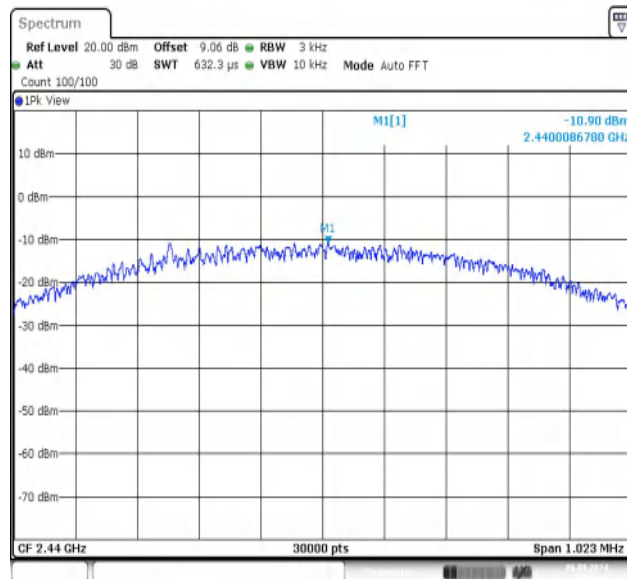
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.50	≤8.00	PASS
BLE_1M	Ant1	2440	-10.90	≤8.00	PASS
BLE_1M	Ant1	2480	-9.92	≤8.00	PASS
BLE_2M	Ant1	2402	-14.51	≤8.00	PASS
BLE_2M	Ant1	2440	-13.92	≤8.00	PASS
BLE_2M	Ant1	2480	-12.98	≤8.00	PASS



Test Graphs



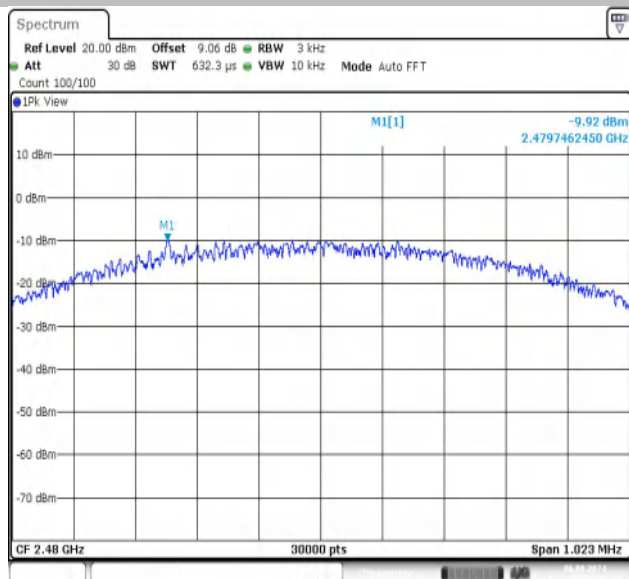
Date: 6.AUG.2024 13:56:43



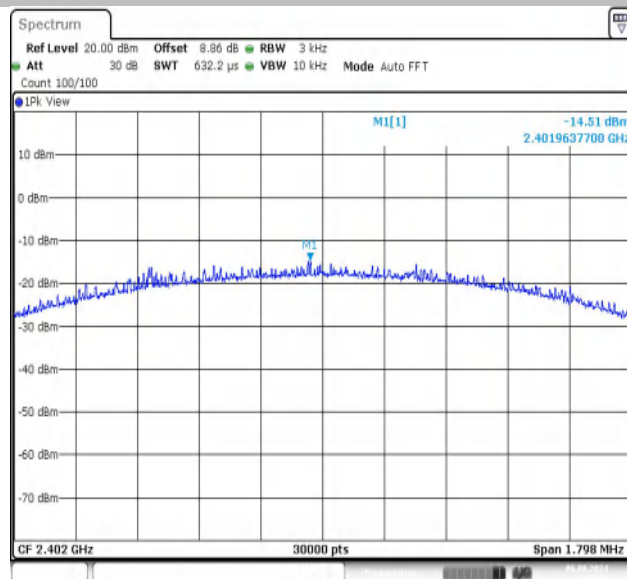
Date: 6.AUG.2024 14:00:12

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



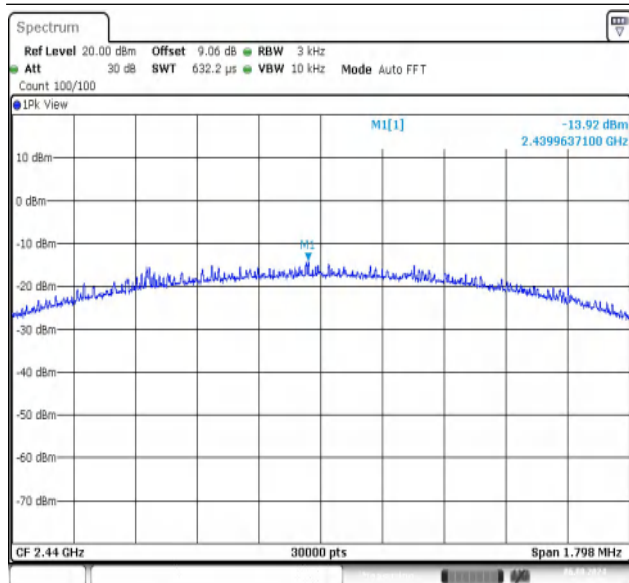
Date: 6.AUG.2024 14:03:37



Date: 6.AUG.2024 14:07:31

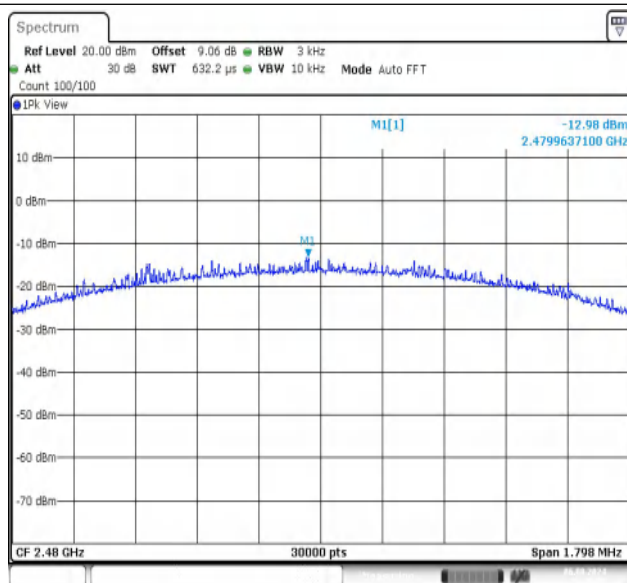
BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



Date: 6.AUG.2024 14:10:28

BLE_2M-Ant1-2440-PASS



Date: 6.AUG.2024 14:15:22

BLE_2M-Ant1-2480-PASS



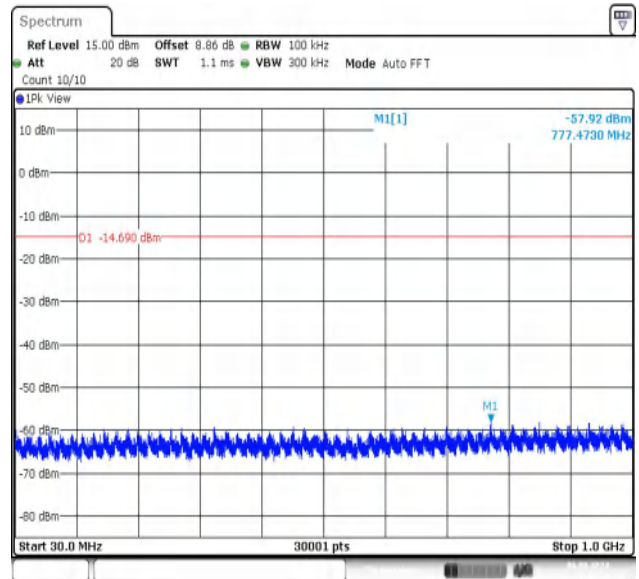
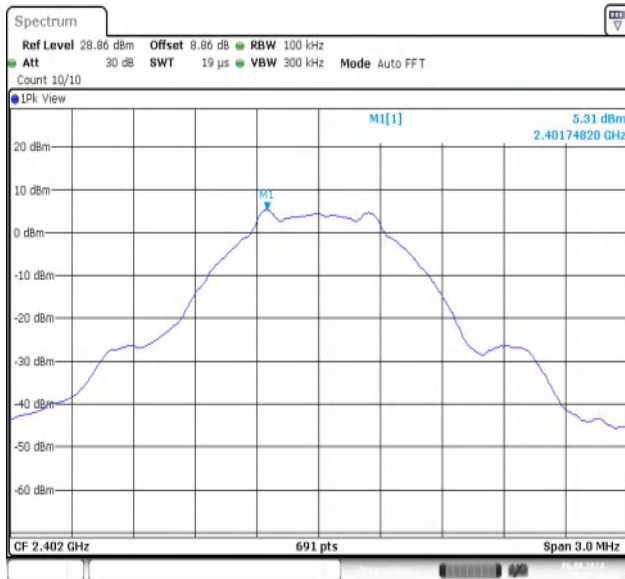
Appendix E: Conducted Spurious Emission

Test Result

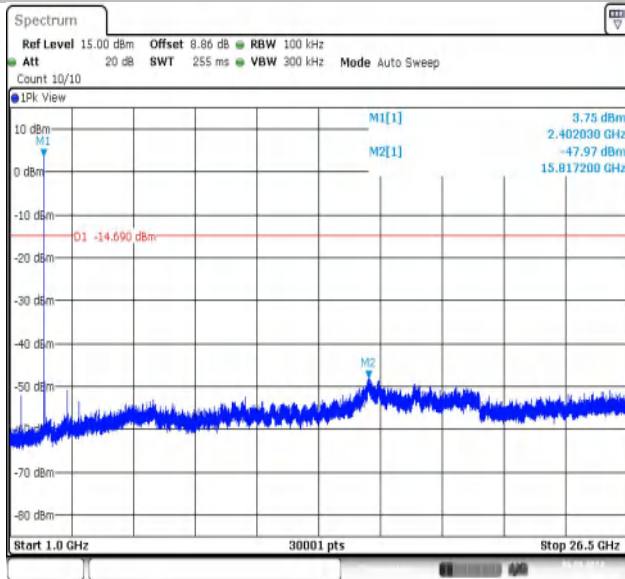
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	5.31	5.31	---	PASS
BLE_1M	Ant1	2402	30~1000	5.31	-57.92	≤-14.69	PASS
BLE_1M	Ant1	2402	1000~26500	5.31	-47.97	≤-14.69	PASS
BLE_1M	Ant1	2440	0~Reference	5.79	5.79	---	PASS
BLE_1M	Ant1	2440	30~1000	5.79	-57.96	≤-14.21	PASS
BLE_1M	Ant1	2440	1000~26500	5.79	-46.01	≤-14.21	PASS
BLE_1M	Ant1	2480	0~Reference	6.86	6.86	---	PASS
BLE_1M	Ant1	2480	30~1000	6.86	-57.24	≤-13.14	PASS
BLE_1M	Ant1	2480	1000~26500	6.86	-46.91	≤-13.14	PASS
BLE_2M	Ant1	2402	0~Reference	4.79	4.79	---	PASS
BLE_2M	Ant1	2402	30~1000	4.79	-58.11	≤-15.21	PASS
BLE_2M	Ant1	2402	1000~26500	4.79	-46.97	≤-15.21	PASS
BLE_2M	Ant1	2440	0~Reference	5.25	5.25	---	PASS
BLE_2M	Ant1	2440	30~1000	5.25	-57.96	≤-14.75	PASS
BLE_2M	Ant1	2440	1000~26500	5.25	-46.33	≤-14.75	PASS
BLE_2M	Ant1	2480	0~Reference	6.32	6.32	---	PASS
BLE_2M	Ant1	2480	30~1000	6.32	-57.67	≤-13.68	PASS
BLE_2M	Ant1	2480	1000~26500	6.32	-47.11	≤-13.68	PASS



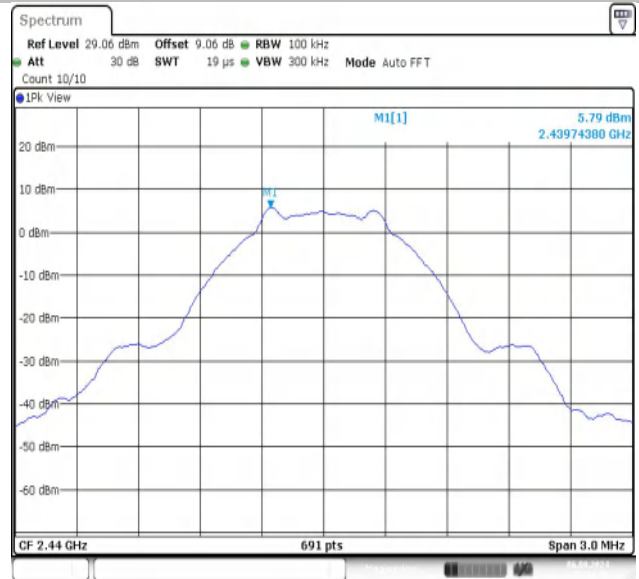
Test Graphs



BLE_1M-Ant1-2402-0~Reference-PASS

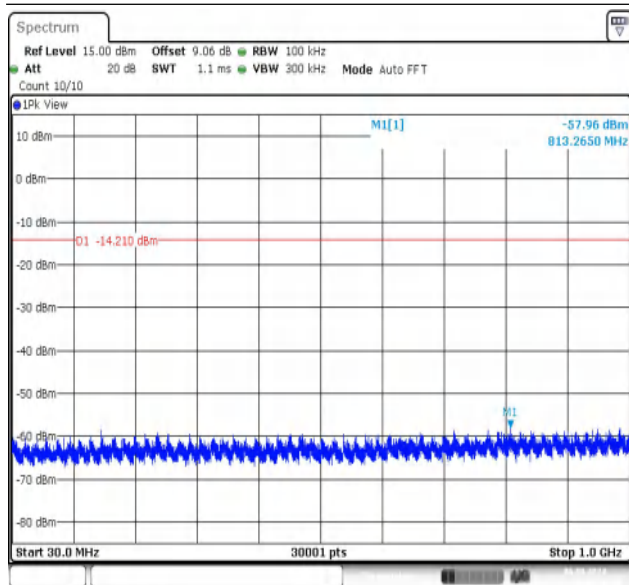


BLE_1M-Ant1-2402-30~1000-PASS

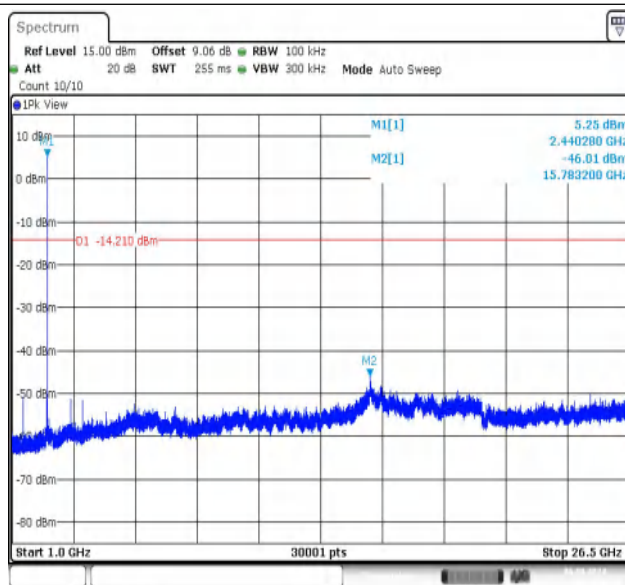


BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS



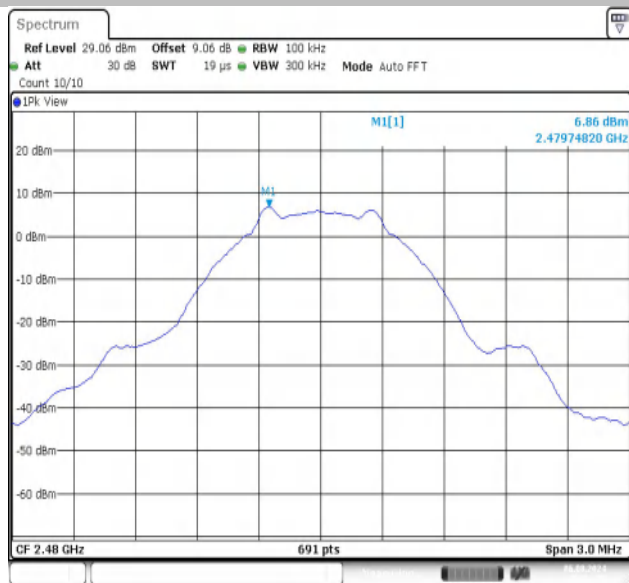
Date: 6.AUG.2024 14:00:31



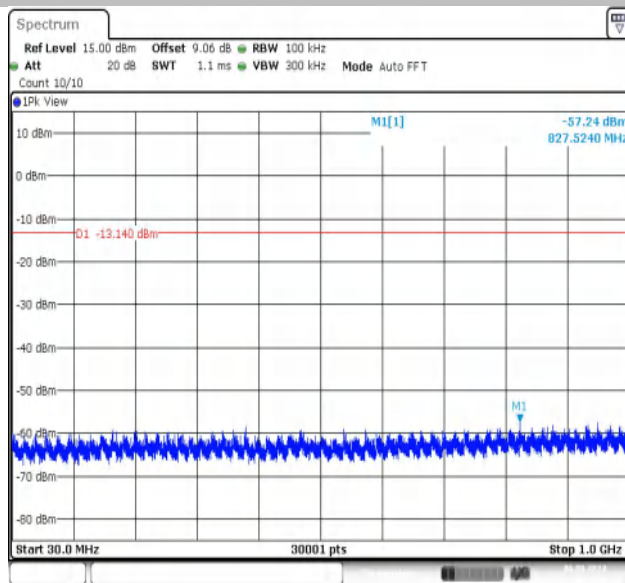
Date: 6.AUG.2024 14:01:08

BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



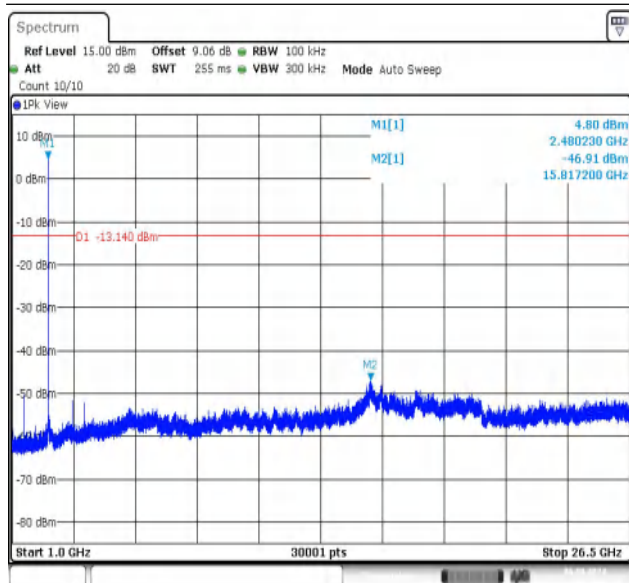
Date: 6.AUG.2024 14:03:54



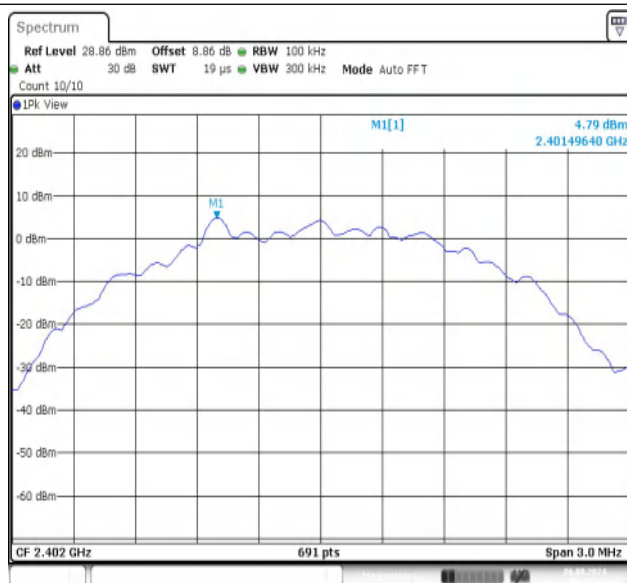
Date: 6.AUG.2024 14:04:06

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



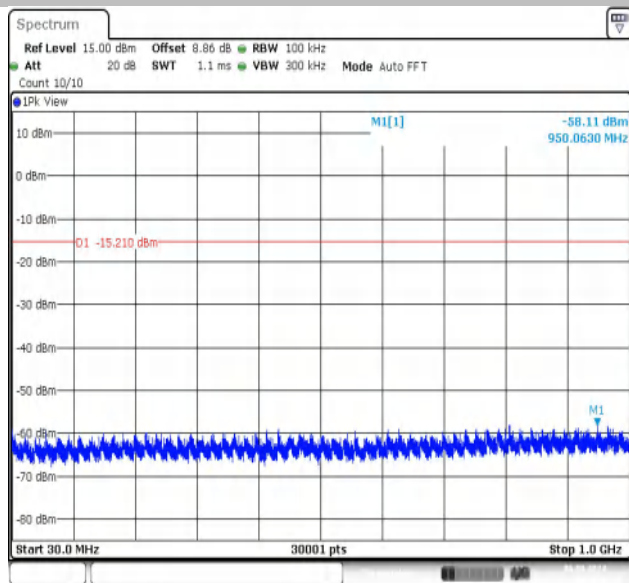
Date: 6.AUG.2024 14:04:43



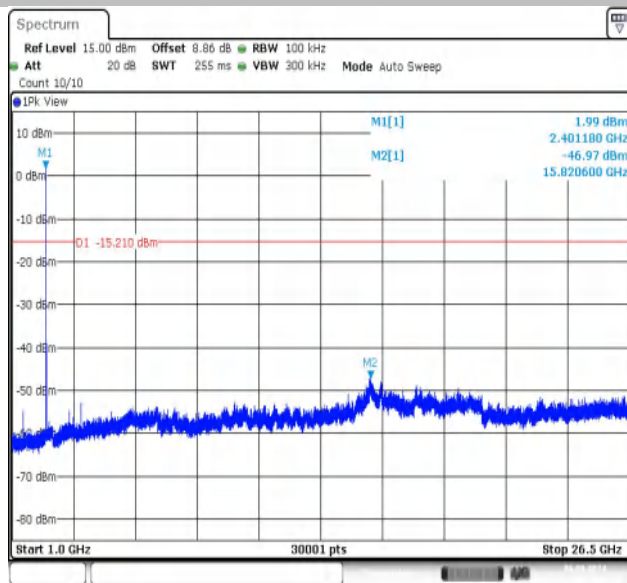
Date: 6.AUG.2024 14:07:48

BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



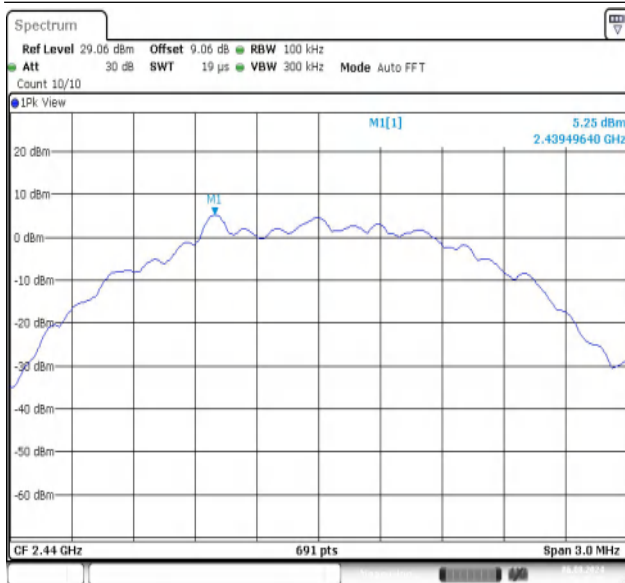
Date: 6.AUG.2024 14:08:00



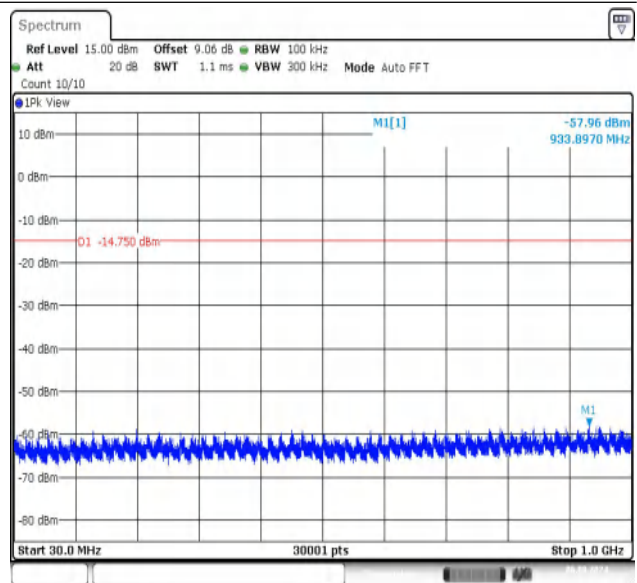
Date: 6.AUG.2024 14:08:37

BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



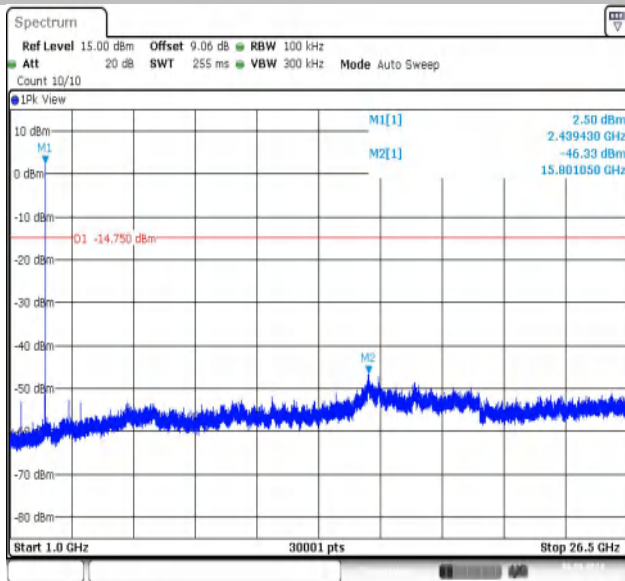
Date: 6.AUG.2024 14:10:36



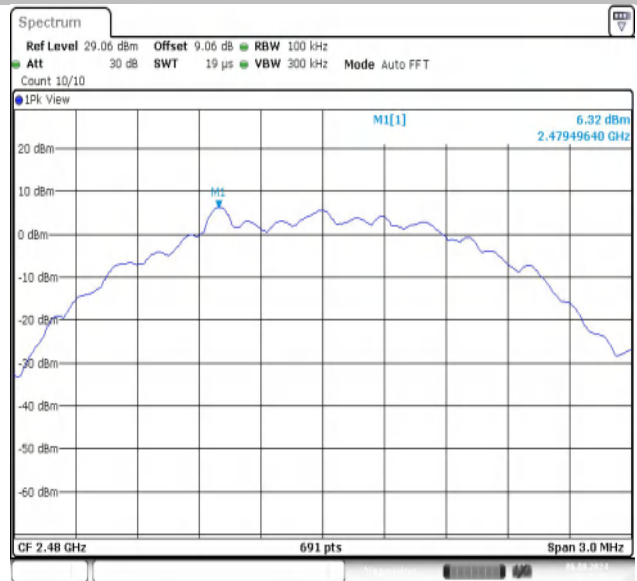
Date: 6.AUG.2024 14:10:48

BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



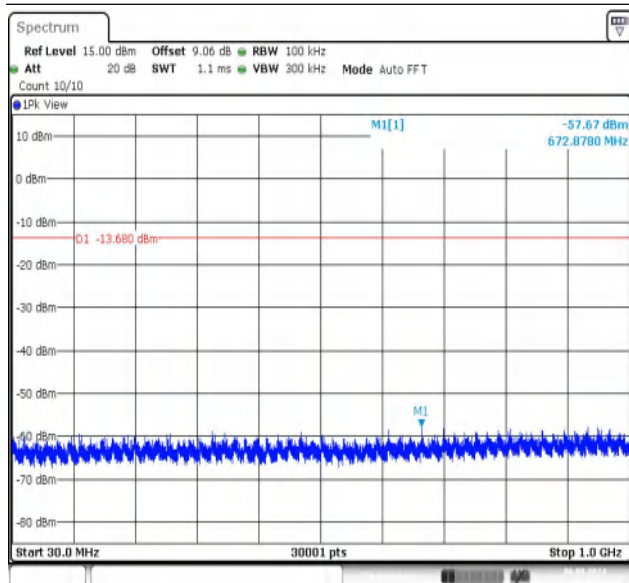
Date: 6.AUG.2024 14:11:25



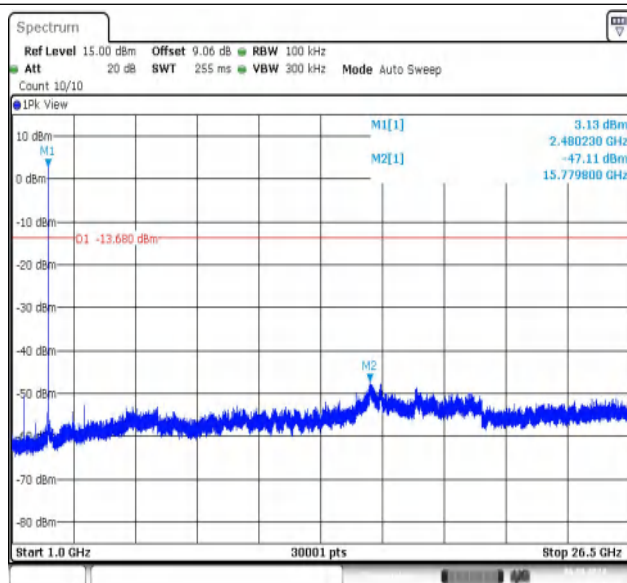
Date: 6.AUG.2024 14:15:39

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



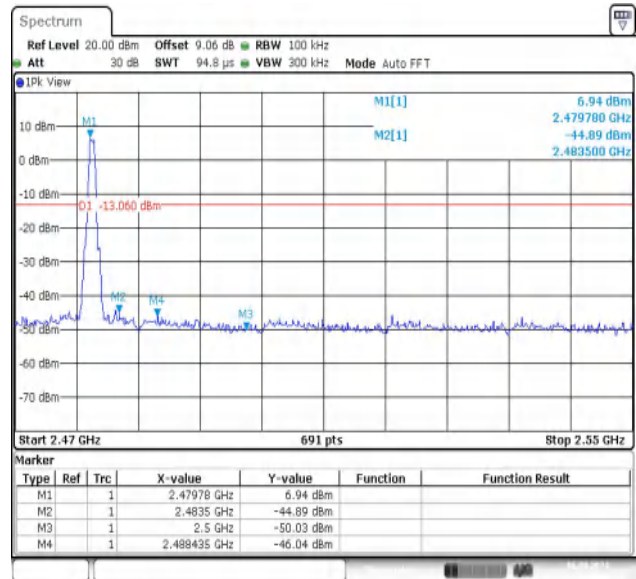
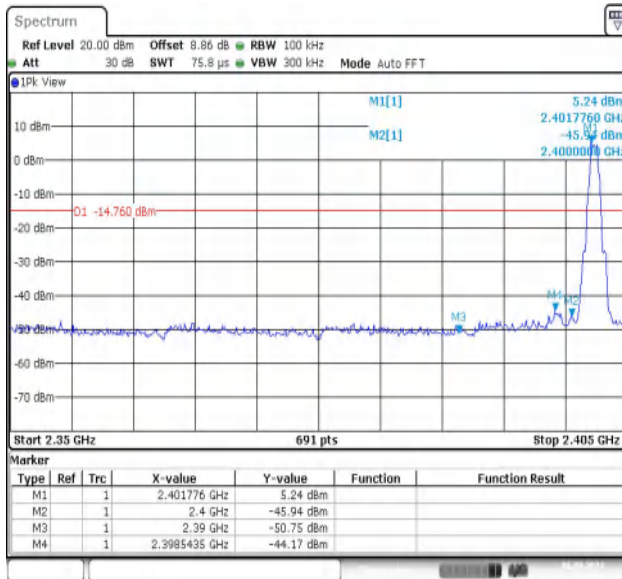
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.24	-44.17	≤ -14.76	PASS
BLE_1M	Ant1	High	2480	6.94	-46.04	≤ -13.06	PASS
BLE_2M	Ant1	Low	2402	3.94	-28.46	≤ -16.06	PASS
BLE_2M	Ant1	High	2480	6.38	-33.73	≤ -13.62	PASS



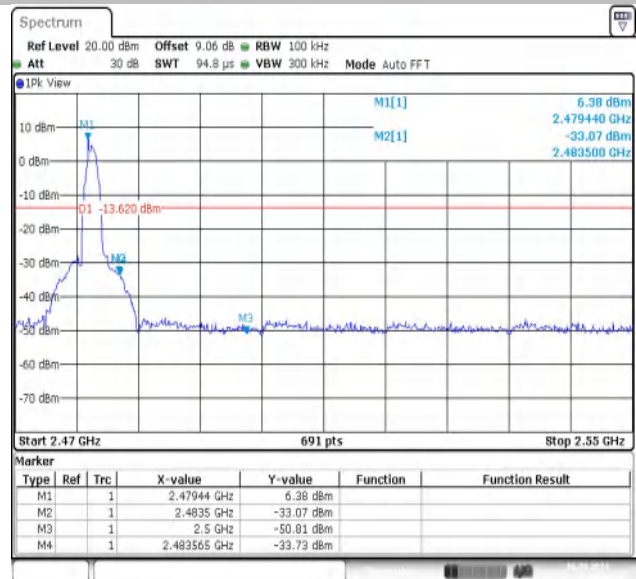
Test Graphs



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



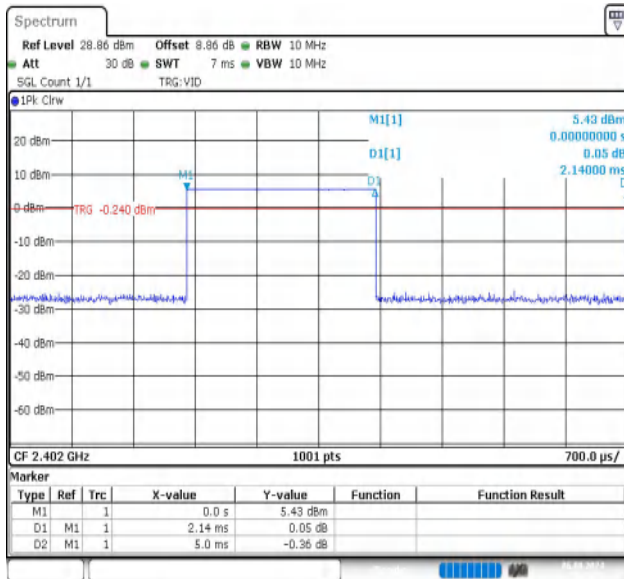
Appendix G: Duty Cycle

Test Result

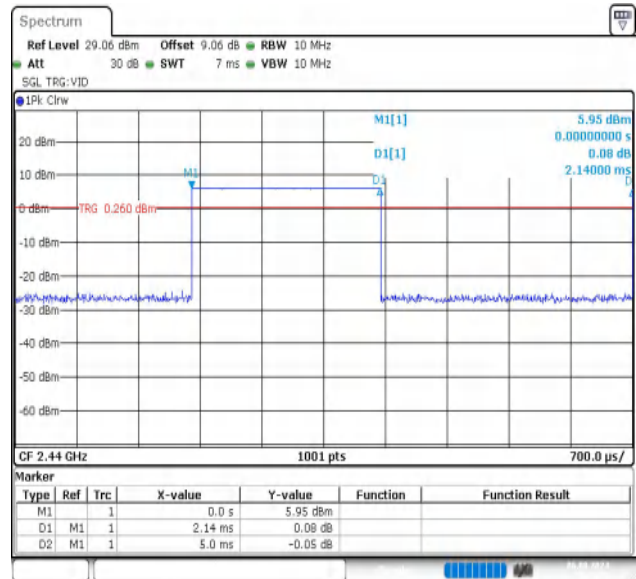
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.14	5.00	42.80
BLE_1M	Ant1	2440	2.14	5.00	42.80
BLE_1M	Ant1	2480	2.14	5.00	42.80
BLE_2M	Ant1	2402	1.07	3.75	28.53
BLE_2M	Ant1	2440	1.07	3.75	28.53
BLE_2M	Ant1	2480	1.07	3.74	28.61



Test Graphs

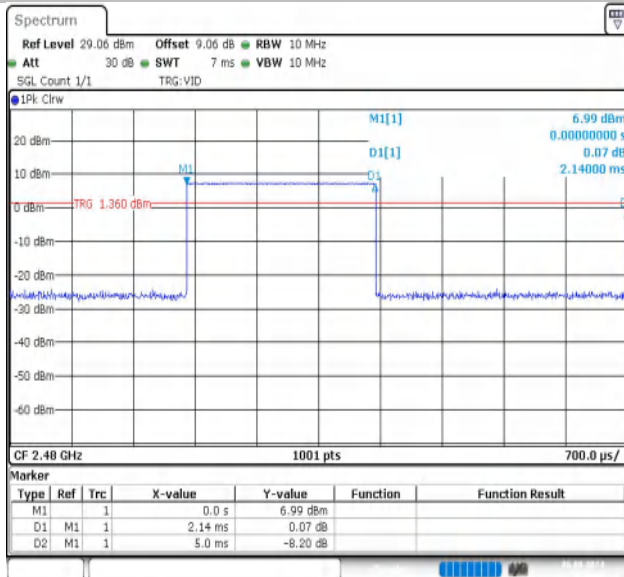


Date: 6.AUG.2024 13:55:35



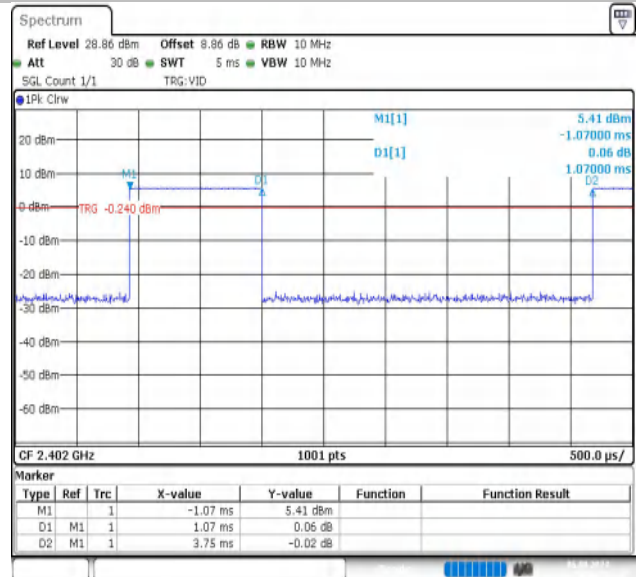
Date: 6.AUG.2024 13:59:20

NTNV-BLE_1M-Ant1-2402



Date: 6.AUG.2024 14:02:45

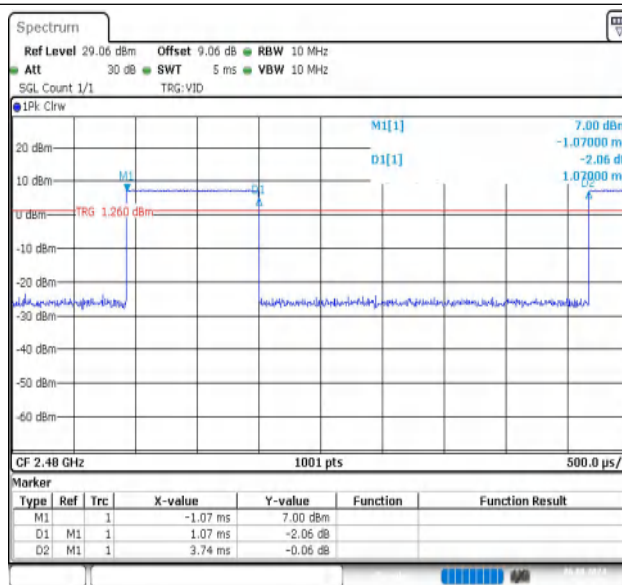
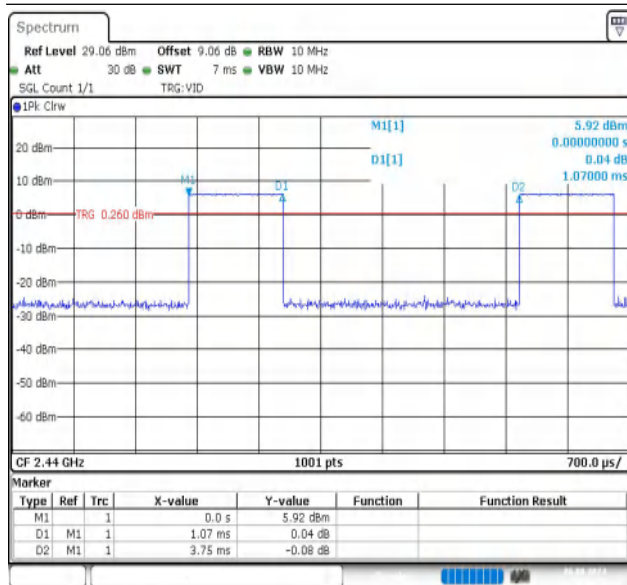
NTNV-BLE_1M-Ant1-2440



Date: 6.AUG.2024 14:06:39

NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402



NTNV-BLE_2M-Ant1-2440

NTNV-BLE_2M-Ant1-2480

-----END-----