

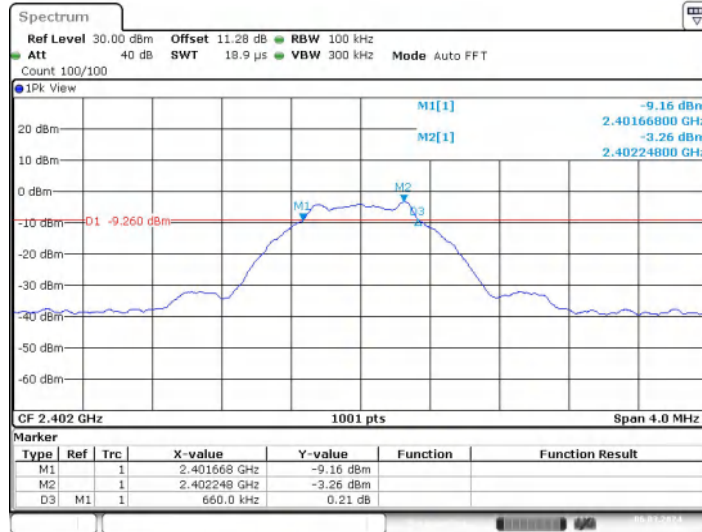
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.33	0.5	PASS
		2440	0.66	2439.67	2440.33	0.5	PASS
		2480	0.67	2479.66	2480.33	0.5	PASS
BLE_2M	Ant1	2402	1.24	2401.35	2402.59	0.5	PASS
		2440	1.24	2439.35	2440.58	0.5	PASS
		2480	1.24	2479.35	2480.59	0.5	PASS

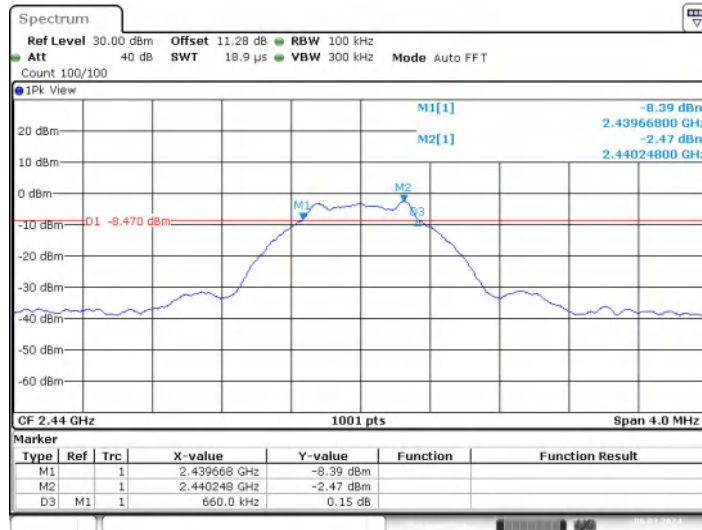
Test Graphs

BLE_1M_Ant1_2402



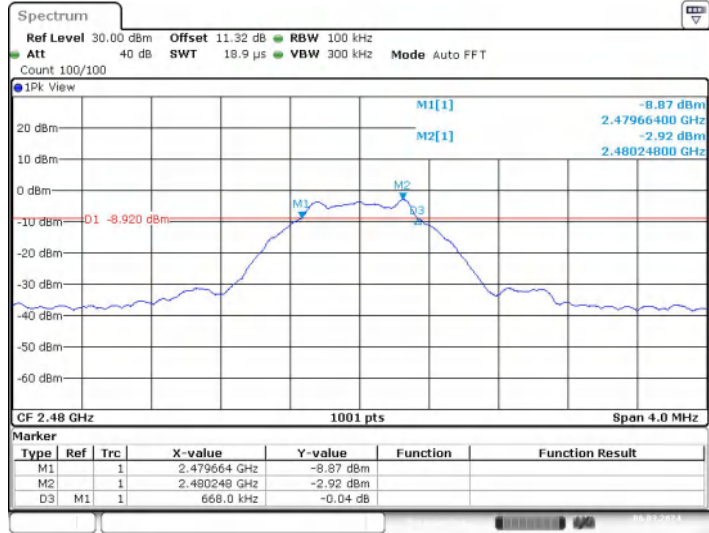
Date: 6.MAR.2024 19:11:50

BLE_1M_Ant1_2440



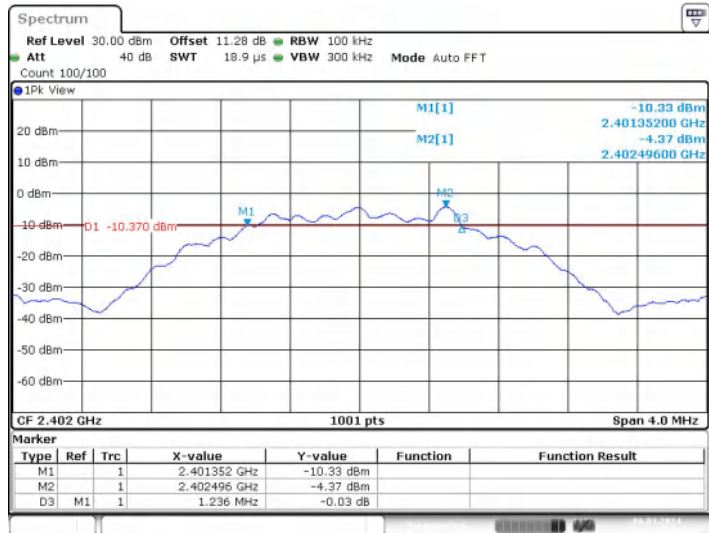
Date: 6.MAR.2024 19:19:09

BLE_1M_Ant1_2480



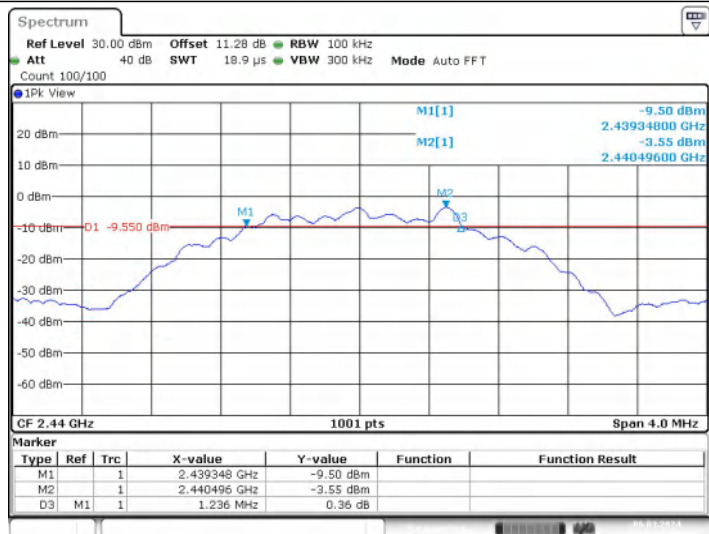
Date: 6.MAR.2024 19:22:16

BLE_2M_Ant1_2402



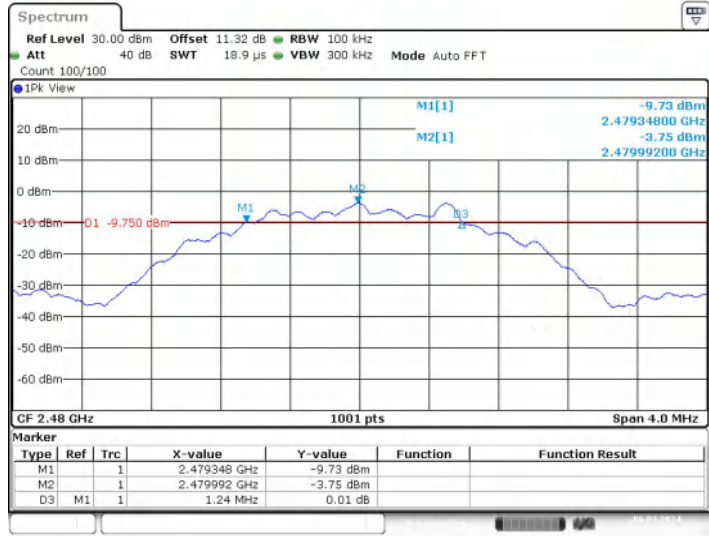
Date: 6.MAR.2024 19:32:57

BLE_2M_Ant1_2440



Date: 6.MAR.2024 19:35:18

BLE_2M_Ant1_2480



Date: 6.MAR.2024 19:39:21

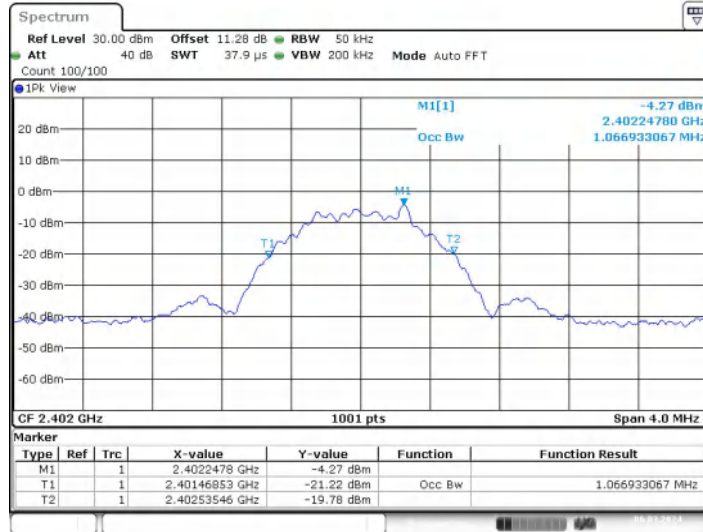
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.067	2401.4685	2402.5355	---	---
		2440	1.063	2439.4685	2440.5315	---	---
		2480	1.071	2479.4645	2480.5355	---	---
BLE_2M	Ant1	2402	2.106	2400.9610	2403.0669	---	---
		2440	2.102	2438.9610	2441.0629	---	---
		2480	2.106	2478.9610	2481.0669	---	---

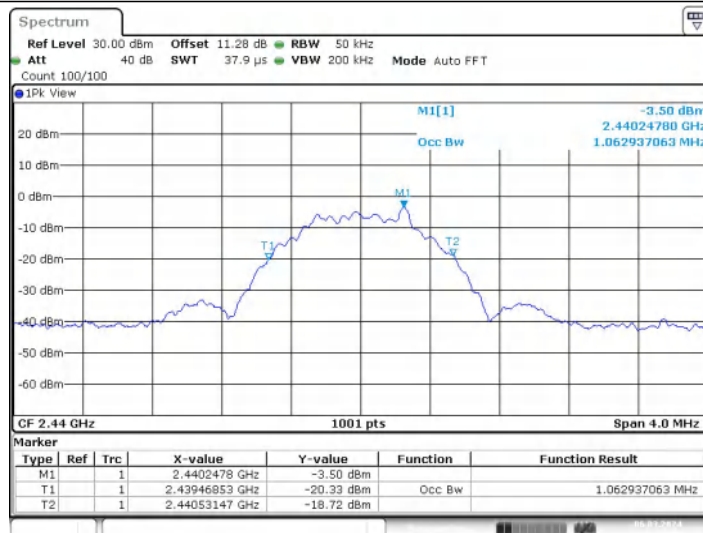
Test Graphs

BLE_1M_Ant1_2402



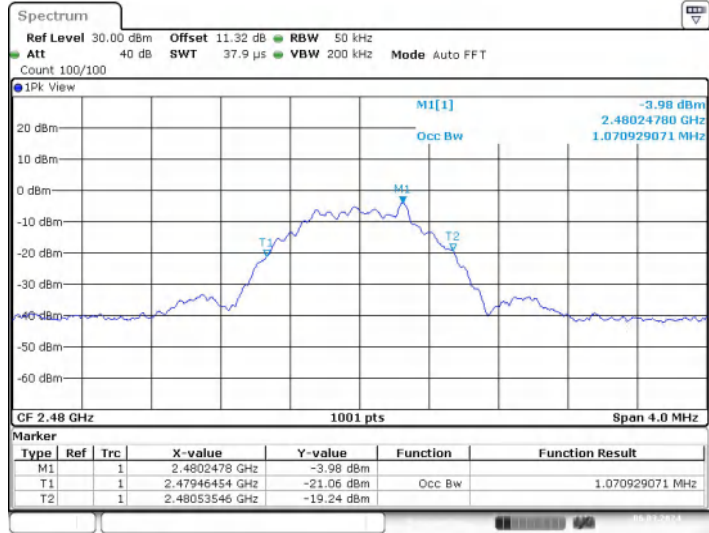
Date: 6.MAR.2024 19:11:56

BLE_1M_Ant1_2440



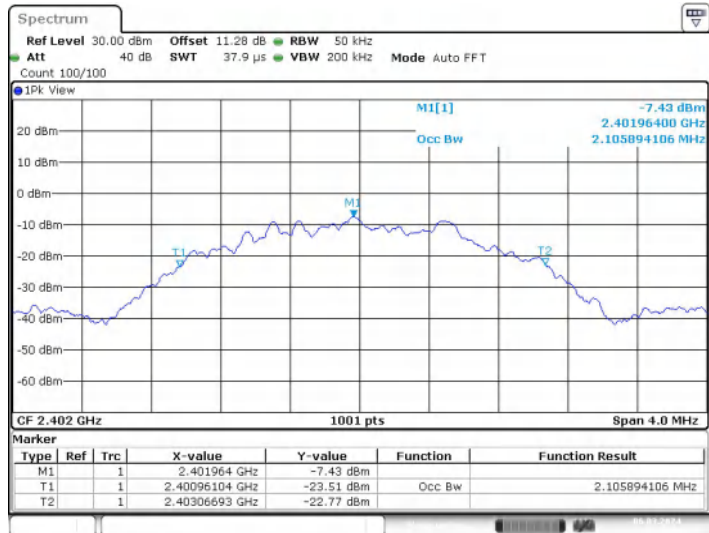
Date: 6.MAR.2024 19:19:15

BLE_1M_Ant1_2480



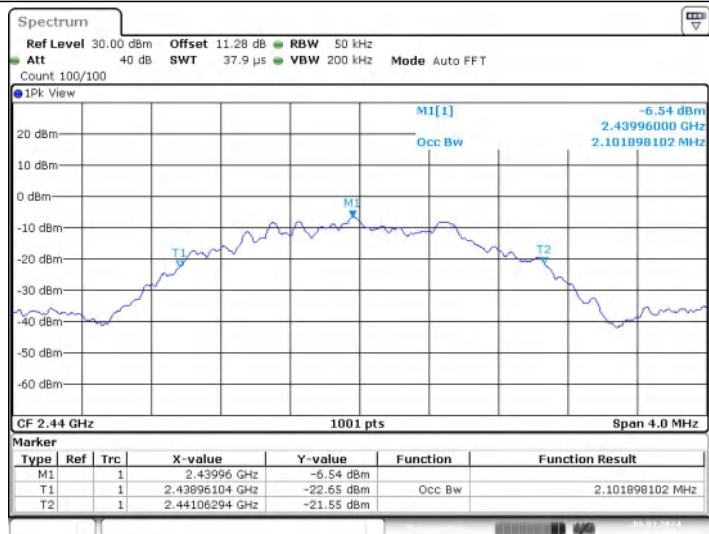
Date: 6.MAR.2024 19:22:23

BLE_2M_Ant1_2402



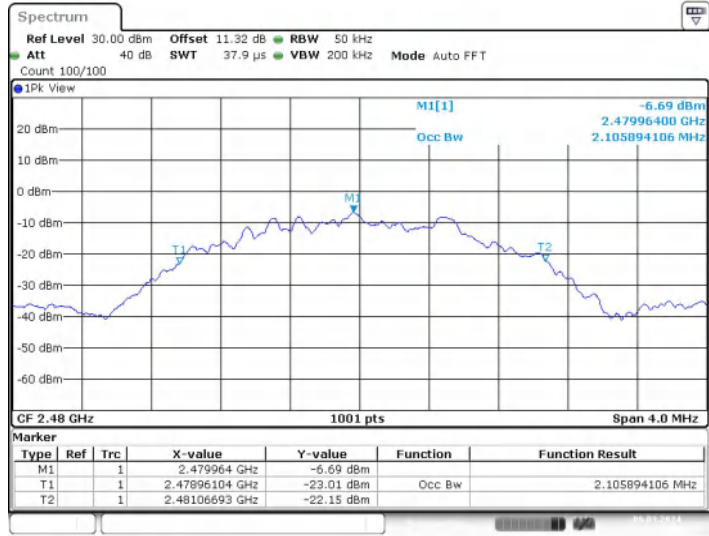
Date: 6.MAR.2024 19:33:03

BLE_2M_Ant1_2440



Date: 6.MAR.2024 19:35:24

BLE_2M_Ant1_2480



Date: 6.MAR.2024 19:39:27

Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.73	≤30	PASS
		2440	-2.00	≤30	PASS
		2480	-2.41	≤30	PASS
BLE_2M	Ant1	2402	-2.85	≤30	PASS
		2440	-2.12	≤30	PASS
		2480	-2.15	≤30	PASS

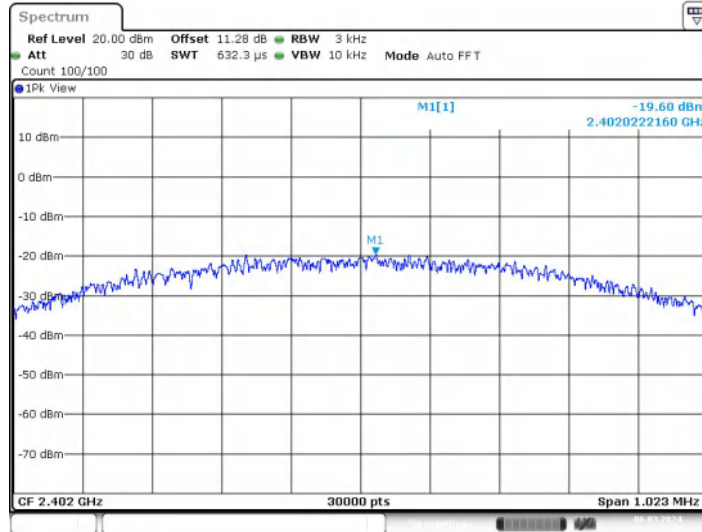
Appendix D: Maximum power spectral density

Test Result

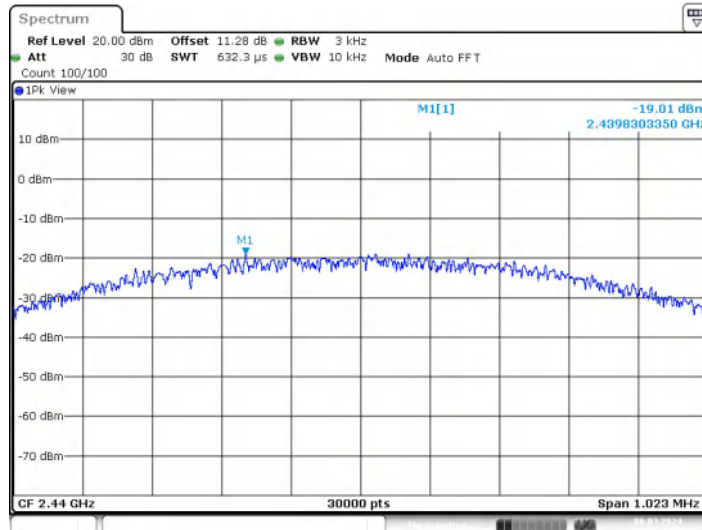
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.60	≤8.00	PASS
		2440	-19.01	≤8.00	PASS
		2480	-19.64	≤8.00	PASS
BLE_2M	Ant1	2402	-22.69	≤8.00	PASS
		2440	-21.70	≤8.00	PASS
		2480	-21.94	≤8.00	PASS

Test Graphs

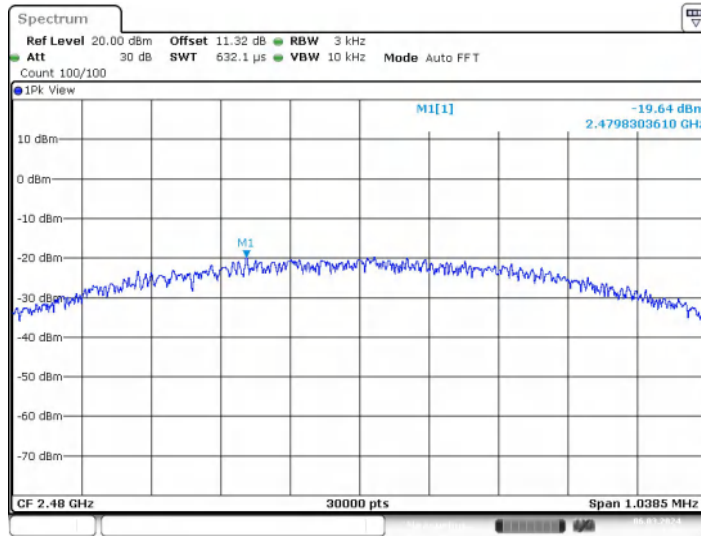
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

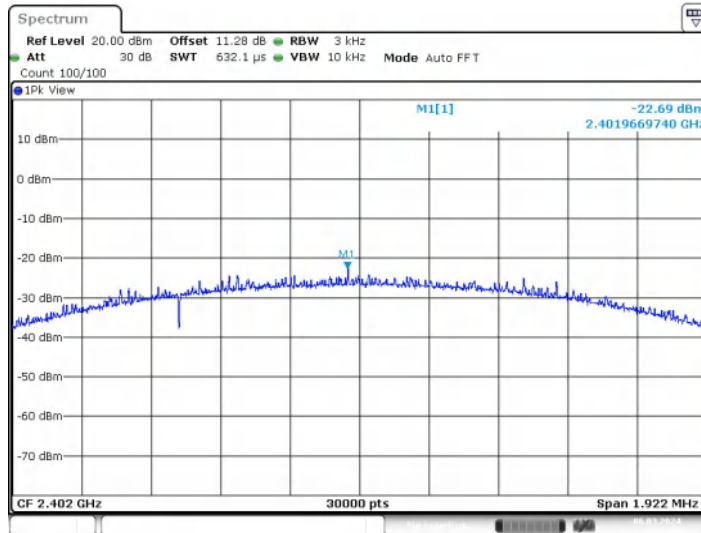


BLE_1M_Ant1_2480



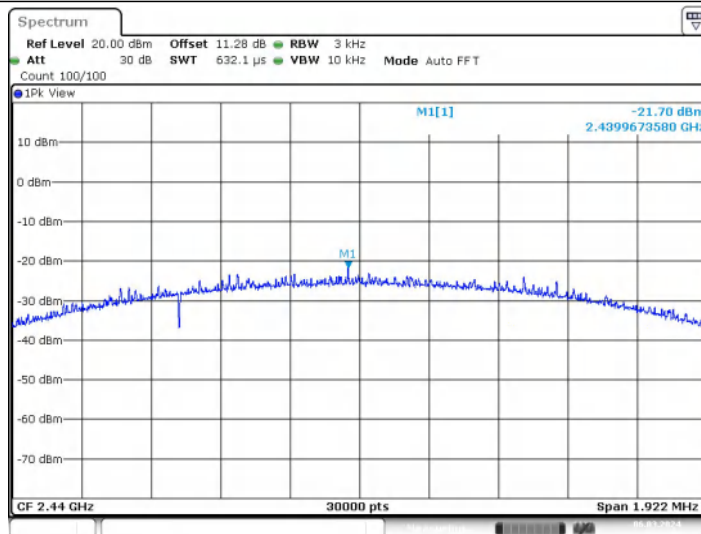
Date: 6.MAR.2024 19:31:11

BLE_2M_Ant1_2402



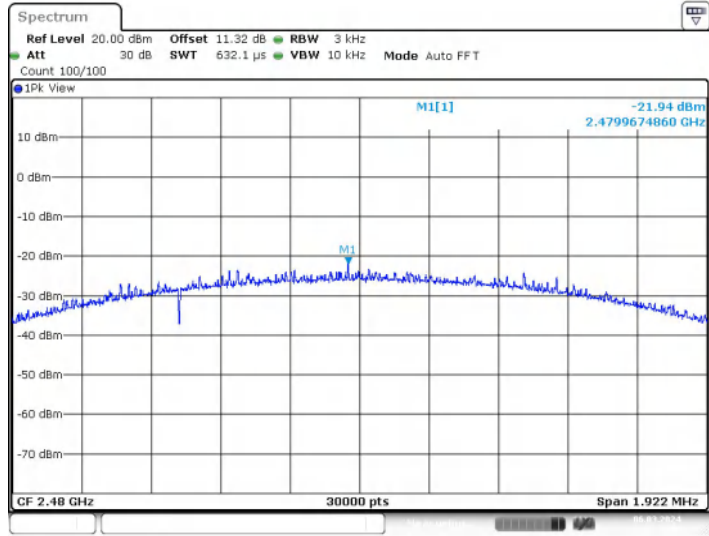
Date: 6.MAR.2024 19:33:43

BLE_2M_Ant1_2440



Date: 6.MAR.2024 19:35:52

BLE_2M_Ant1_2480



Date: 6.MAR.2024 19:39:54

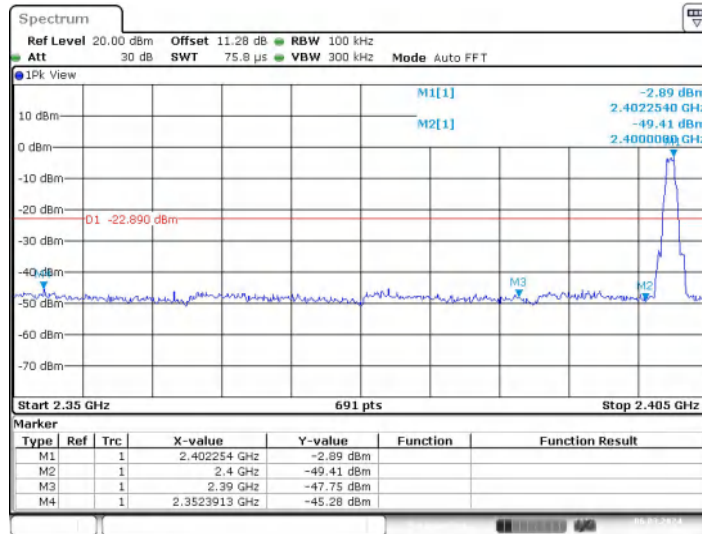
Appendix E: Band edge measurements

Test Result

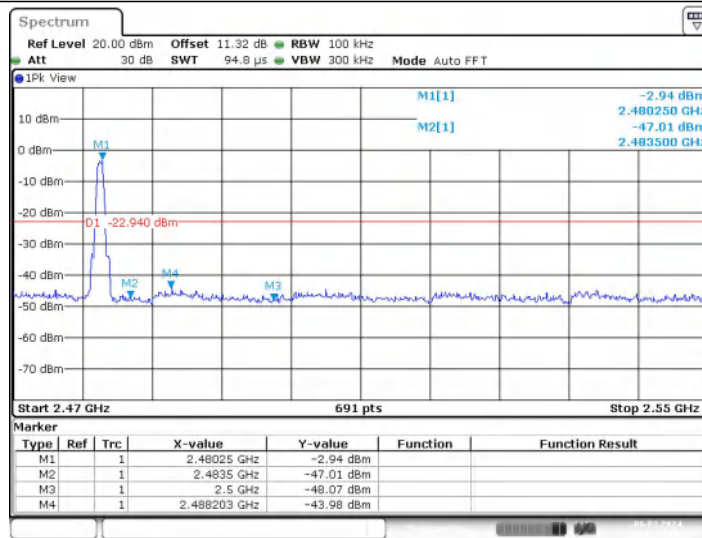
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.89	-45.28	≤-22.89	PASS
		High	2480	-2.94	-43.98	≤-22.94	PASS
BLE_2M	Ant1	Low	2402	-4.45	-36.05	≤-24.45	PASS
		High	2480	-3.53	-44.77	≤-23.53	PASS

Test Graphs

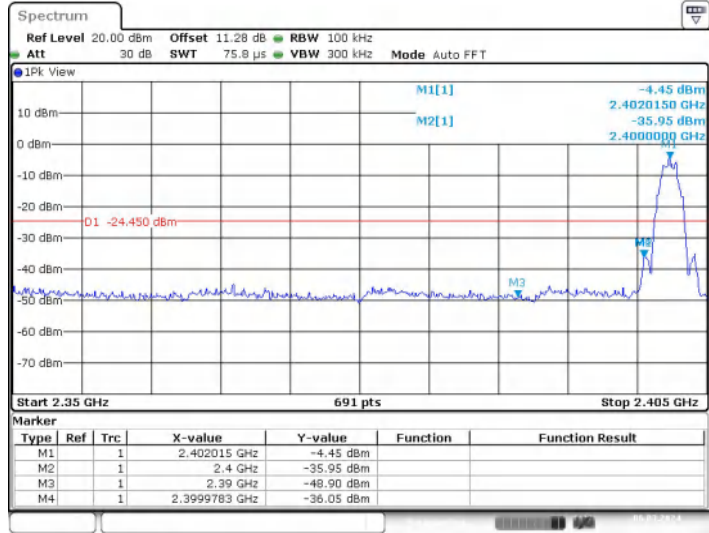
BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480

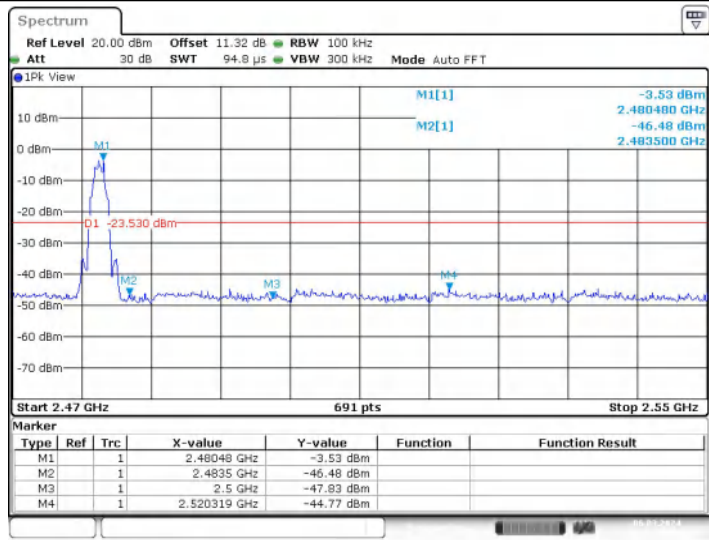


BLE_2M_Ant1_Low_2402



Date: 6.MAR.2024 19:33:53

BLE_2M_Ant1_High_2480



Date: 6.MAR.2024 19:40:04

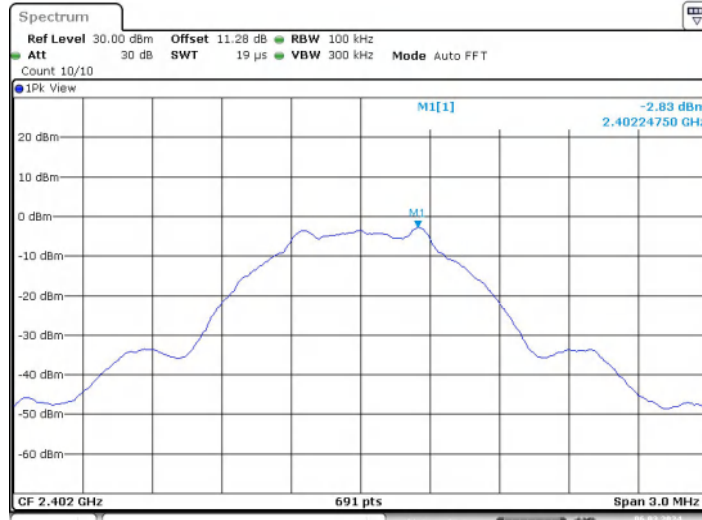
Appendix F: Conducted Spurious Emission

Test Result

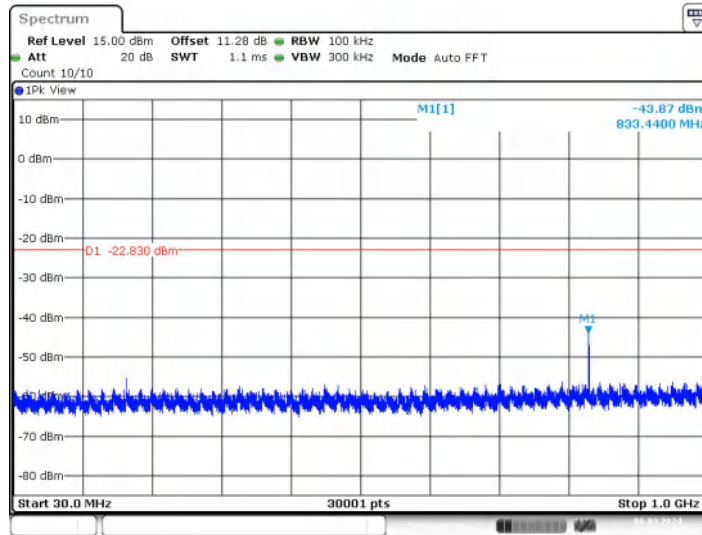
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.83	-2.83	---	PASS
			30~1000	-2.83	-43.87	≤-22.83	PASS
			1000~26500	-2.83	-45.36	≤-22.83	PASS
		2440	Reference	-2.26	-2.26	---	PASS
			30~1000	-2.26	-39.92	≤-22.26	PASS
			1000~26500	-2.26	-45.06	≤-22.26	PASS
		2480	Reference	-2.92	-2.92	---	PASS
			30~1000	-2.92	-36.38	≤-22.92	PASS
			1000~26500	-2.92	-45.15	≤-22.92	PASS
BLE_2M	Ant1	2402	Reference	-4.26	-4.26	---	PASS
			30~1000	-4.26	-35.41	≤-24.26	PASS
			1000~26500	-4.26	-45.49	≤-24.26	PASS
		2440	Reference	-3.29	-3.29	---	PASS
			30~1000	-3.29	-41.36	≤-23.29	PASS
			1000~26500	-3.29	-44.97	≤-23.29	PASS
		2480	Reference	-3.51	-3.51	---	PASS
			30~1000	-3.51	-41.09	≤-23.51	PASS
			1000~26500	-3.51	-45.37	≤-23.51	PASS

Test Graphs

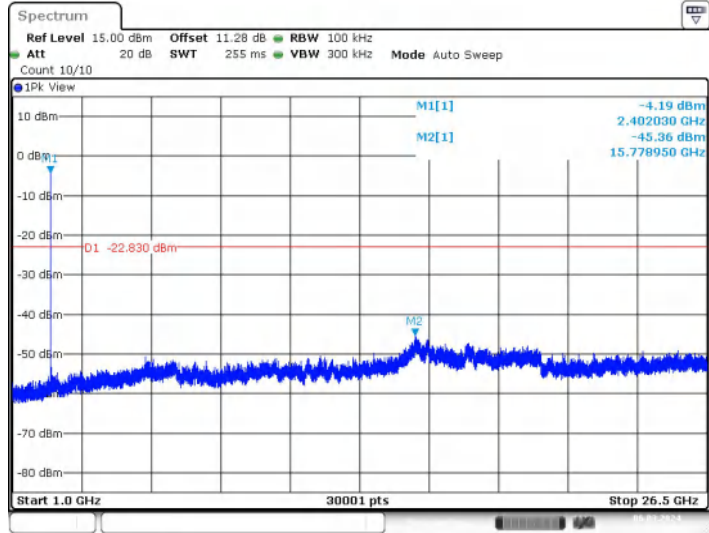
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000

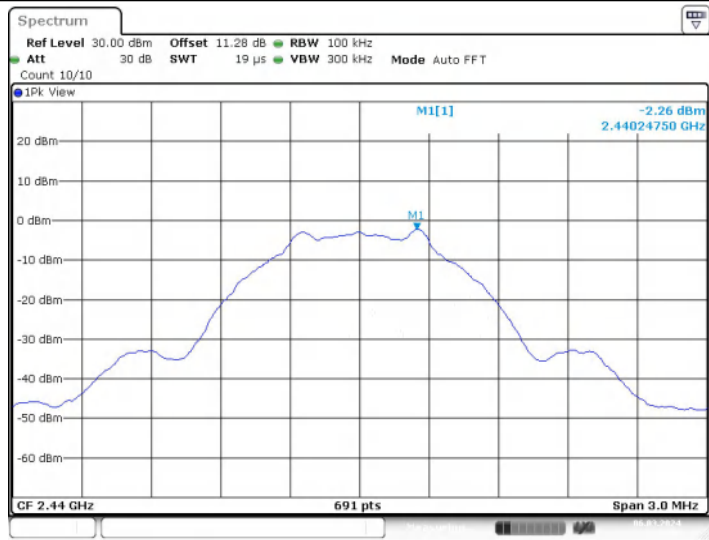


BLE_1M_Ant1_2402_1000~26500



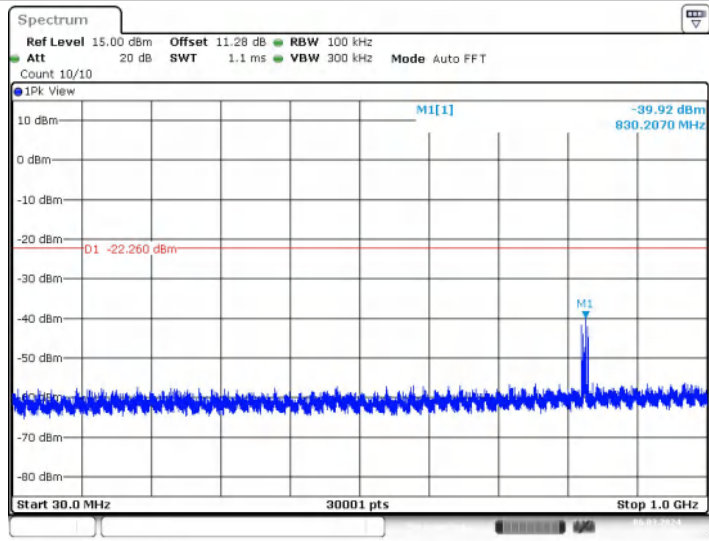
Date: 6.MAR.2024 19:13:44

BLE_1M_Ant1_2440_0~Reference



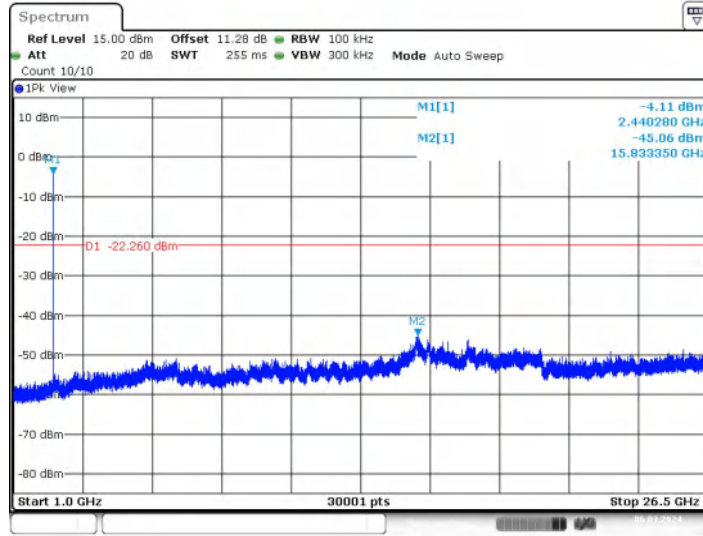
Date: 6.MAR.2024 19:19:59

BLE_1M_Ant1_2440_30~1000



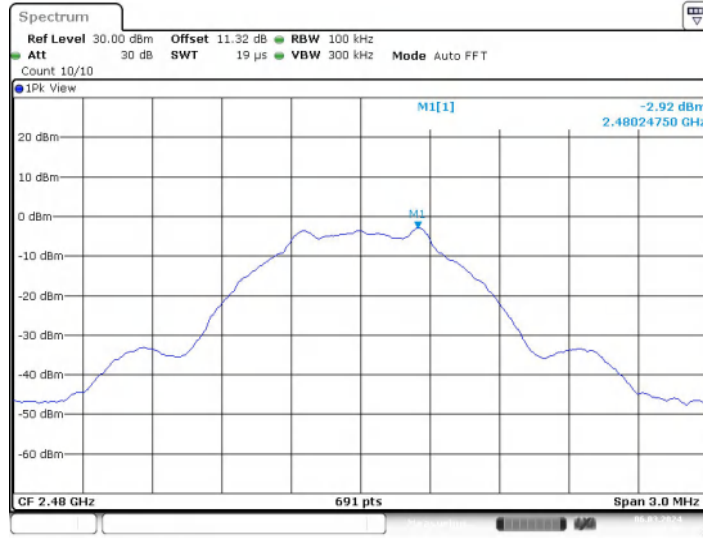
Date: 6.MAR.2024 19:20:11

BLE_1M_Ant1_2440_1000~26500



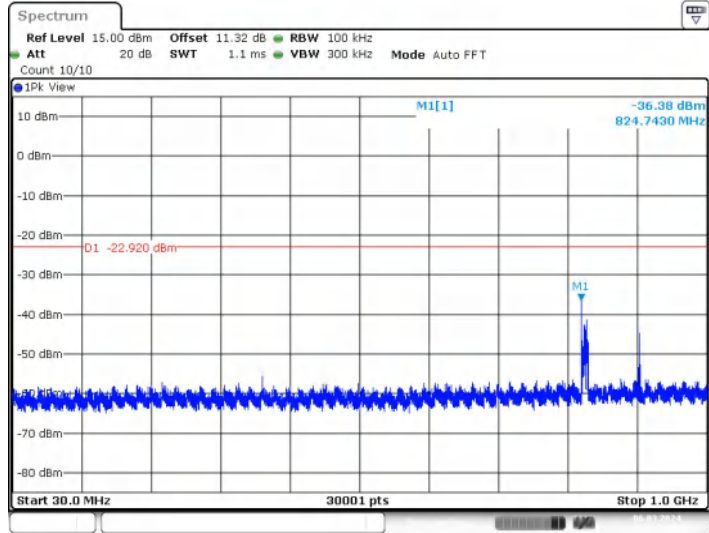
Date: 6.MAR.2024 19:20:48

BLE_1M_Ant1_2480_0~Reference



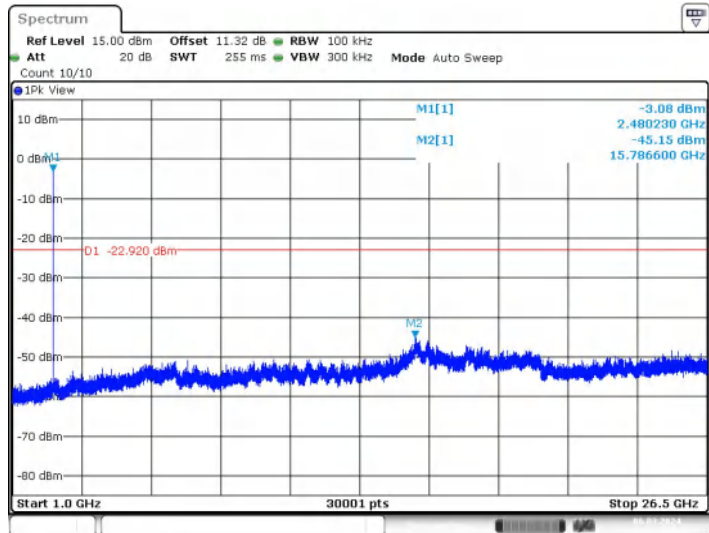
Date: 6.MAR.2024 19:31:29

BLE_1M_Ant1_2480_30~1000



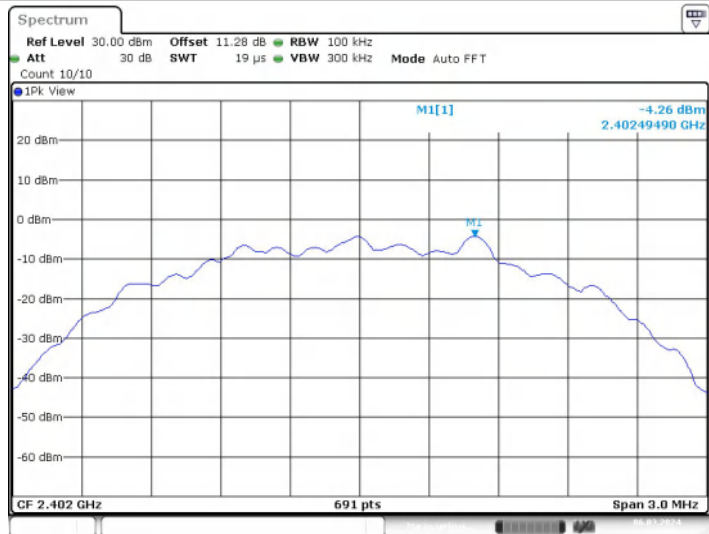
Date: 6.MAR.2024 19:31:40

BLE_1M_Ant1_2480_1000~26500



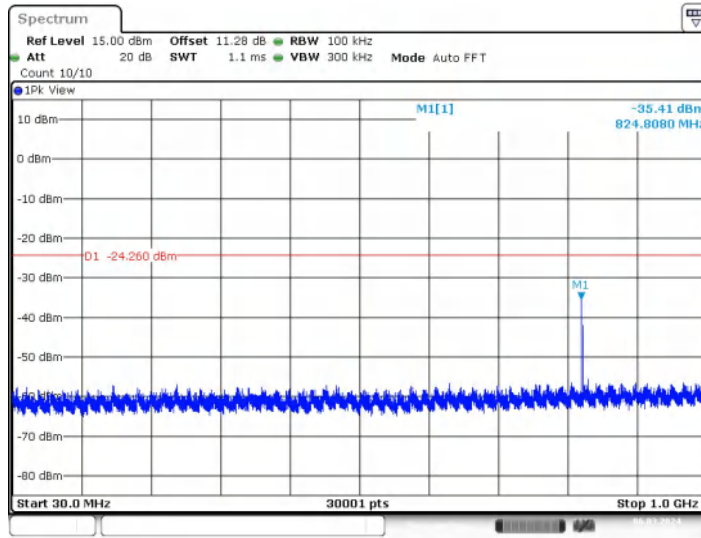
Date: 6.MAR.2024 19:32:17

BLE_2M_Ant1_2402_0~Reference



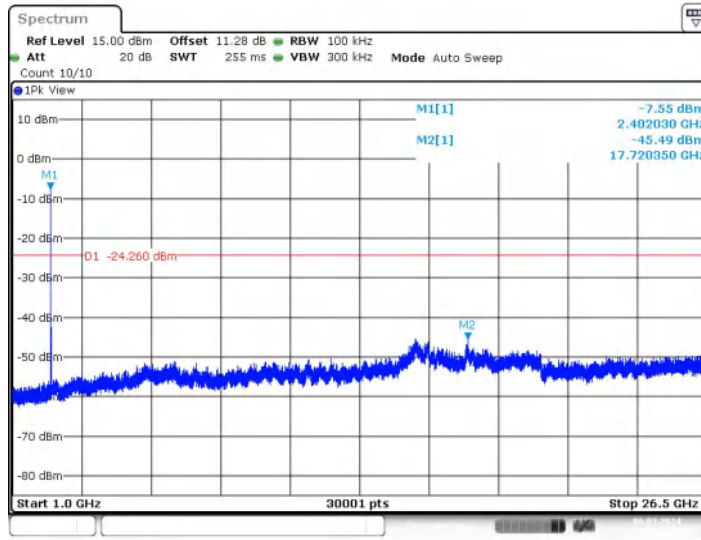
Date: 6.MAR.2024 19:34:01

BLE_2M_Ant1_2402_30~1000



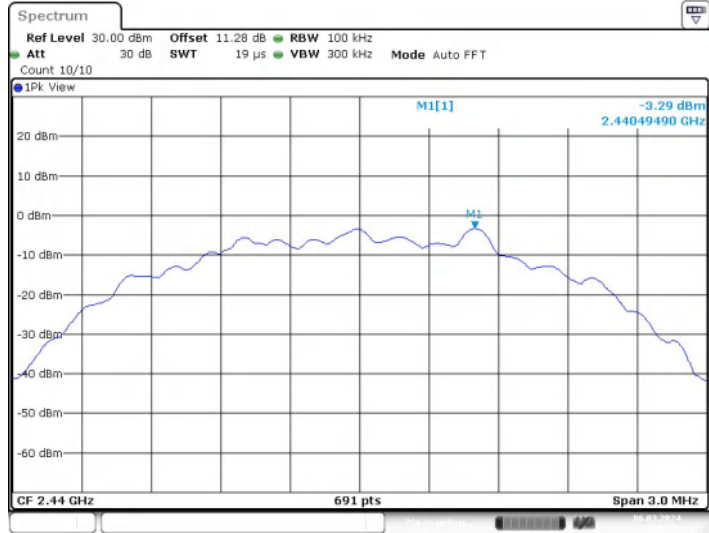
Date: 6.MAR.2024 19:34:12

BLE_2M_Ant1_2402_1000~26500



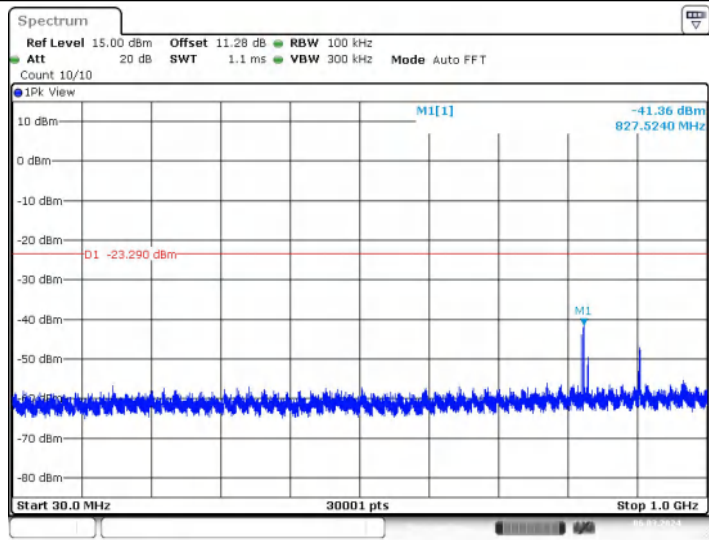
Date: 6.MAR.2024 19:34:49

BLE_2M_Ant1_2440_0~Reference



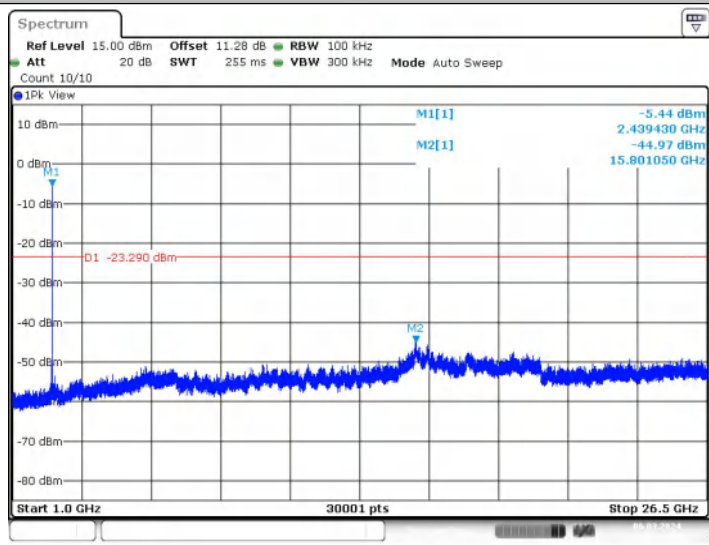
Date: 6.MAR.2024 19:36:00

BLE_2M_Ant1_2440_30~1000



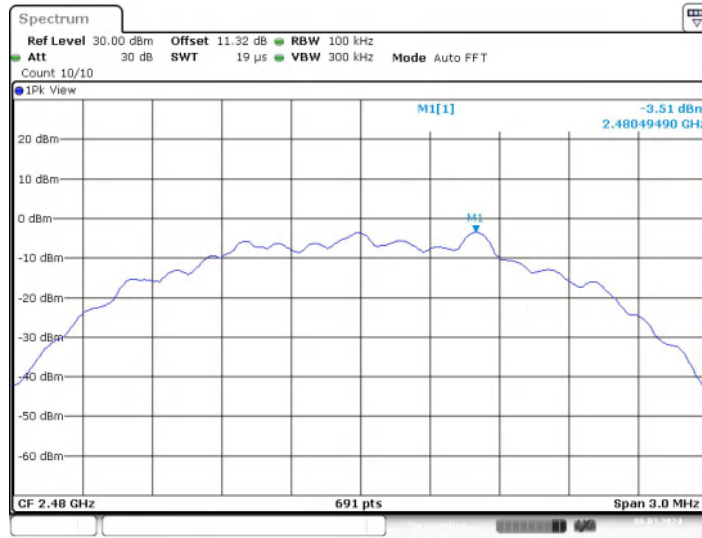
Date: 6.MAR.2024 19:36:12

BLE_2M_Ant1_2440_1000~26500



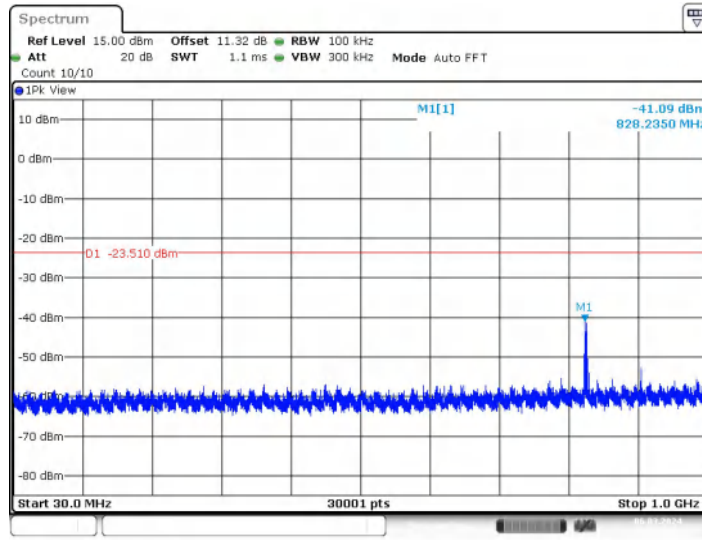
Date: 6.MAR.2024 19:36:49

BLE_2M_Ant1_2480_0~Reference



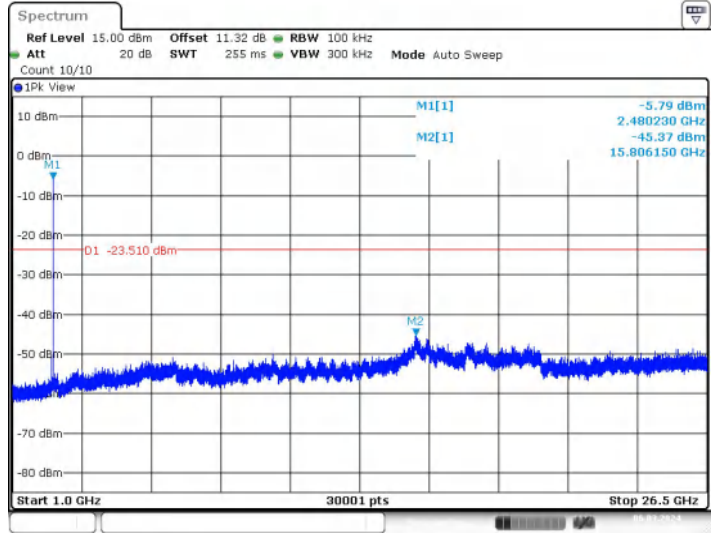
Date: 6.MAR.2024 19:40:12

BLE_2M_Ant1_2480_30~1000



Date: 6.MAR.2024 19:40:23

BLE_2M_Ant1_2480_1000~26500



Date: 6.MAR.2024 19:41:00

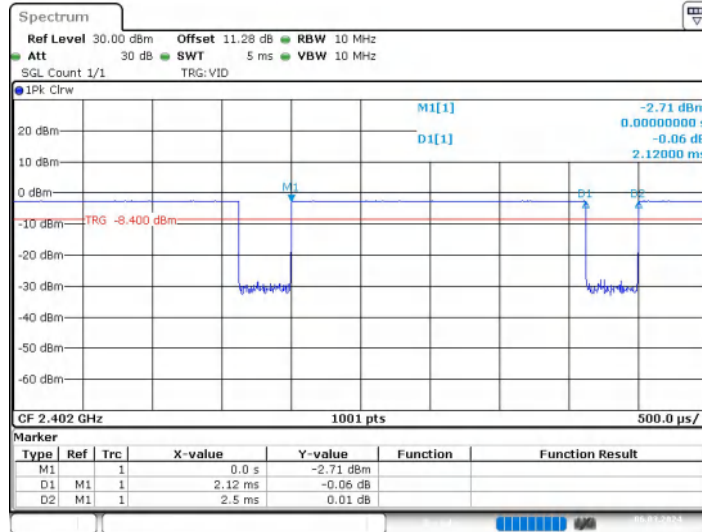
Appendix G: Duty Cycle

Test Result

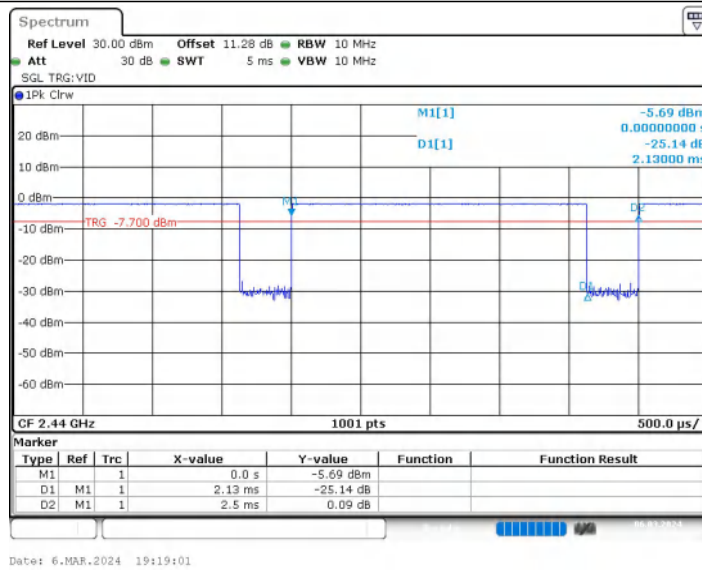
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.12	2.50	0.8480	84.80	0.72	---	---
		2440	2.13	2.50	0.8520	85.20	0.70	---	---
		2480	0.00	0.36	0.0000	100	∞	---	---
BLE_2M	Ant1	2402	1.07	1.88	0.5691	56.91	2.45	---	---
		2440	1.07	1.88	0.5691	56.91	2.45	---	---
		2480	1.07	1.88	0.5691	56.91	2.45	---	---

Test Graphs

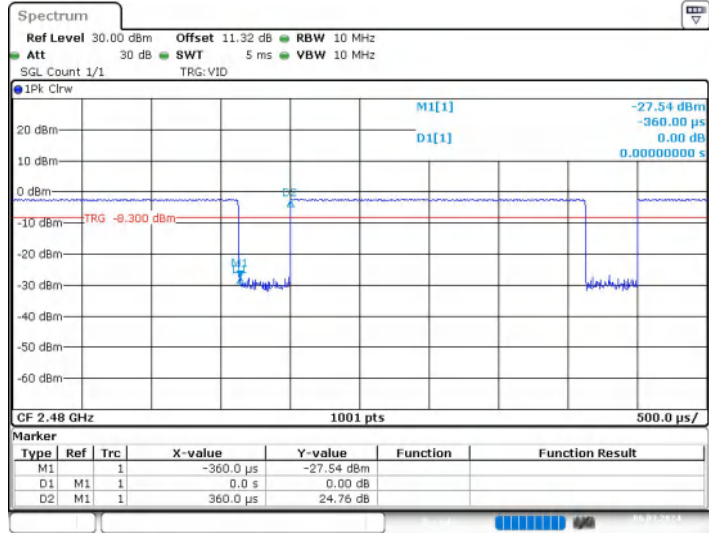
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

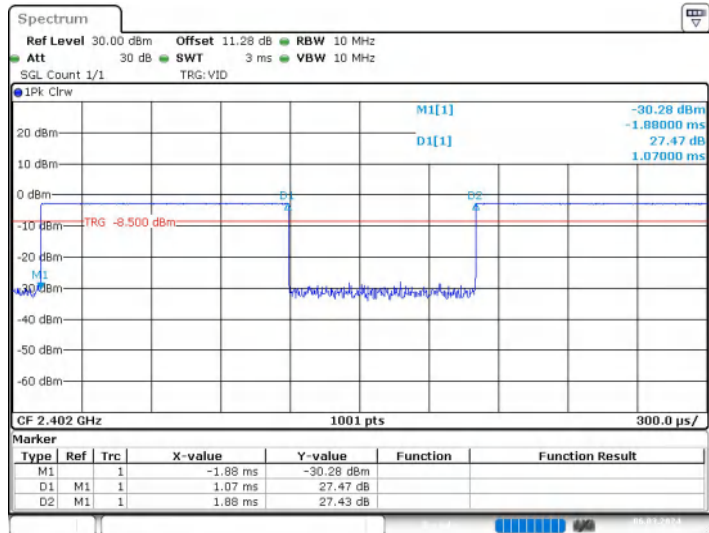


BLE_1M_Ant1_2480



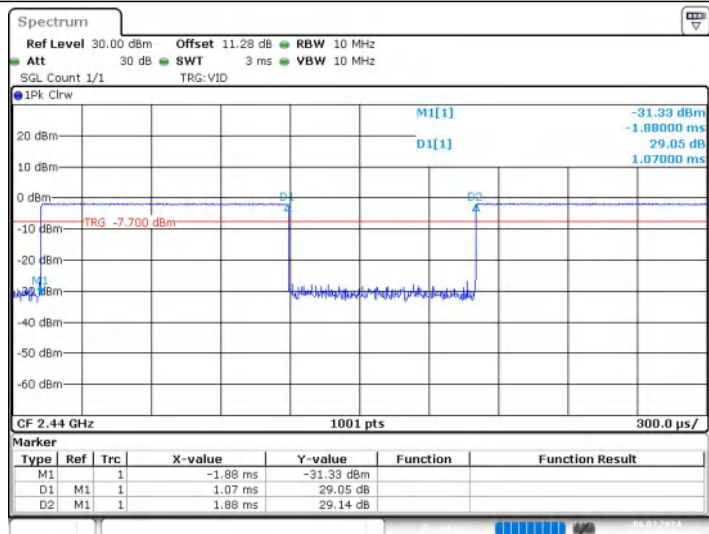
Date: 6.MAR.2024 19:30:42

BLE_2M_Ant1_2402



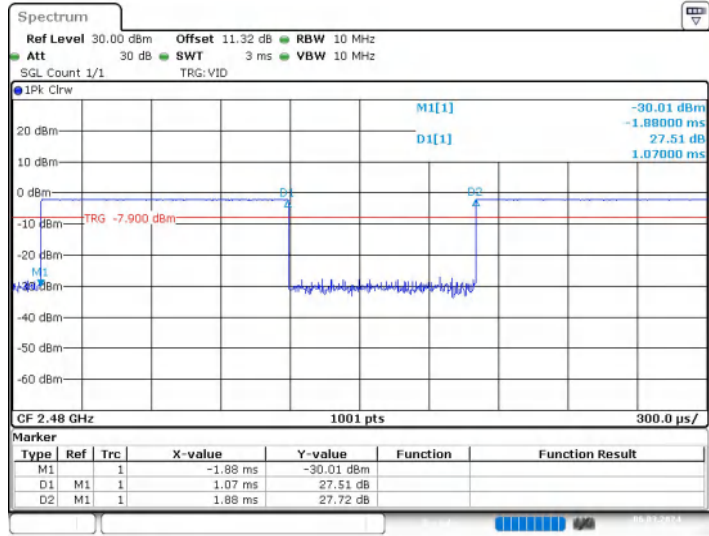
Date: 6.MAR.2024 19:32:49

BLE_2M_Ant1_2440



Date: 6.MAR.2024 19:35:10

BLE_2M_Ant1_2480



Date: 6.MAR.2024 19:39:13