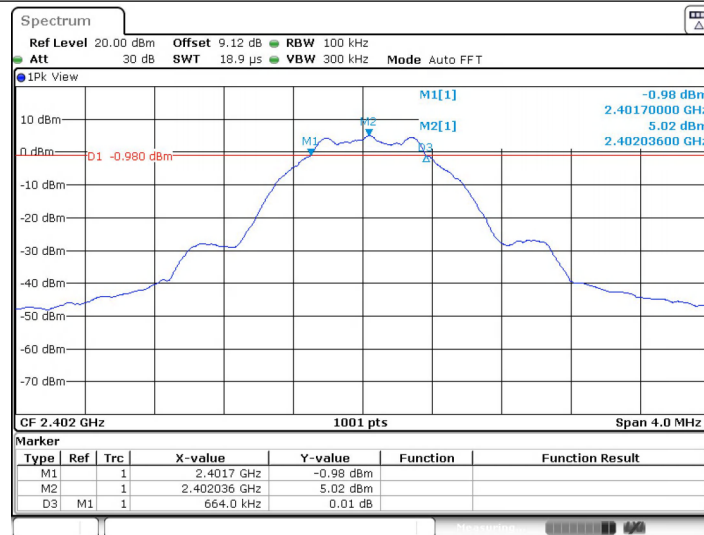


Appendix A: DTS Bandwidth

Test Result

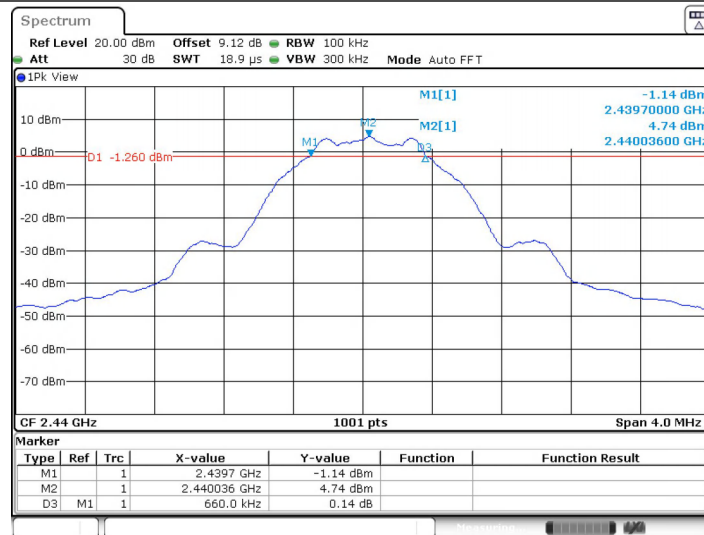
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.70	2402.36	≥0.5	PASS
		2440	0.66	2439.70	2440.36	≥0.5	PASS
		2480	0.66	2479.70	2480.36	≥0.5	PASS
BLE_2M	Ant1	2402	1.13	2401.48	2402.61	≥0.5	PASS
		2440	1.14	2439.47	2440.61	≥0.5	PASS
		2480	1.14	2479.47	2480.60	≥0.5	PASS

Test Graphs



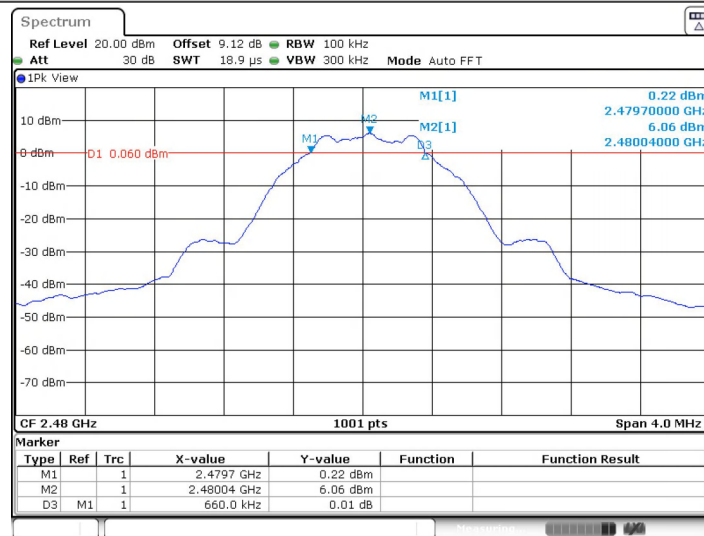
Date: 9.NOV.2024 07:57:37

BLE_1M_Ant1_2402



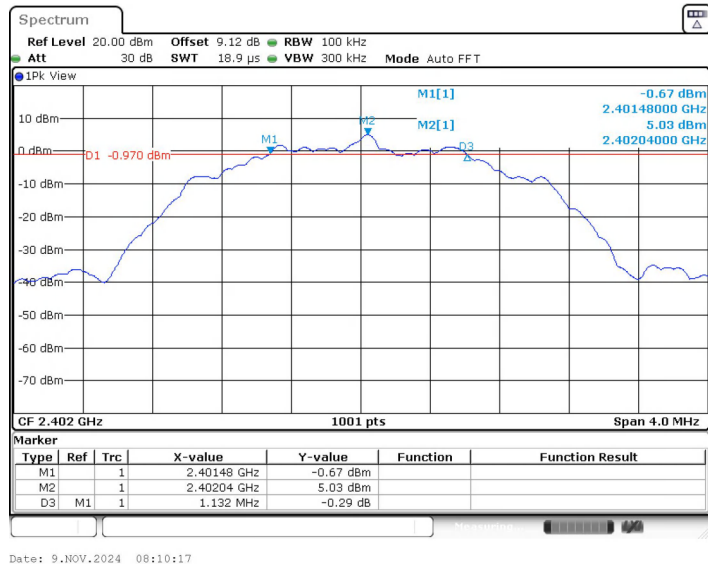
Date: 9.NOV.2024 07:59:04

BLE_1M_Ant1_2440

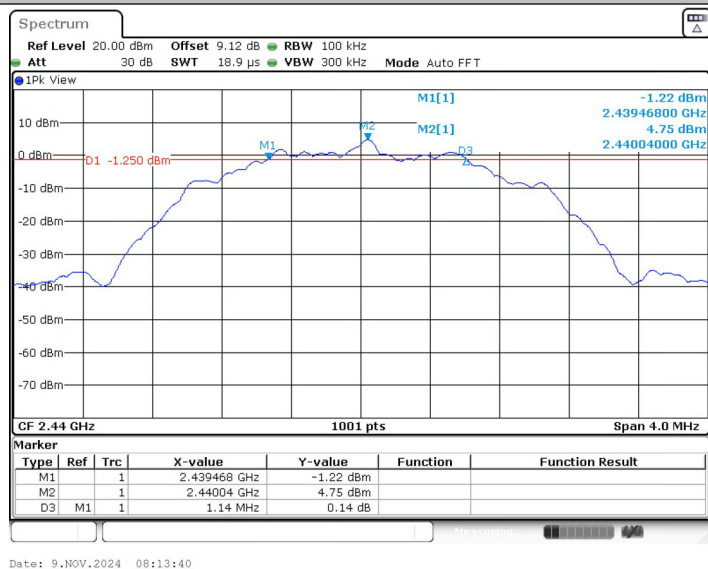


Date: 9.NOV.2024 08:00:26

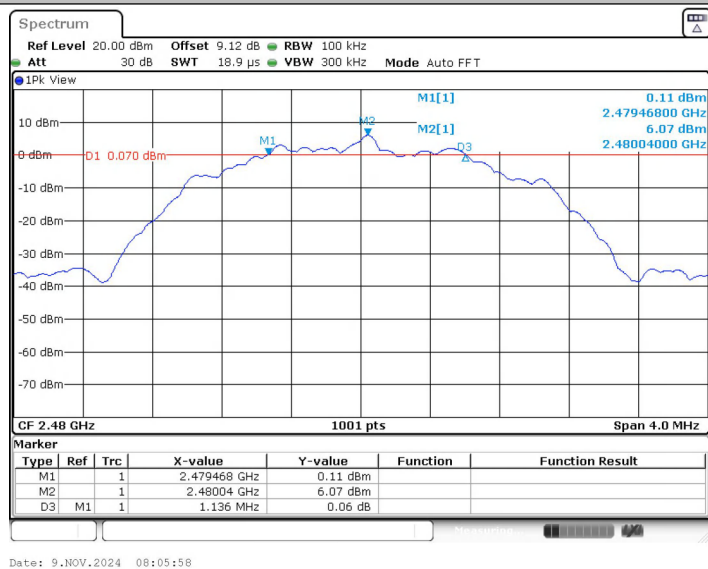
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



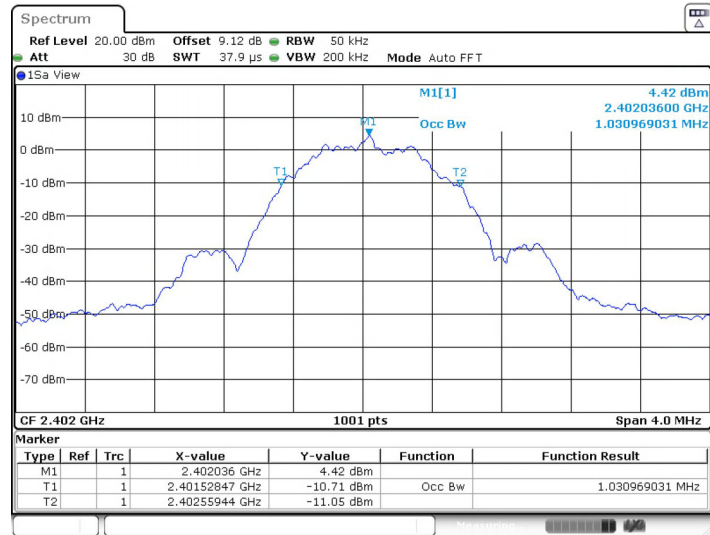
BLE_2M_Ant1_2480

Appendix B: Occupied Channel Bandwidth

Test Result

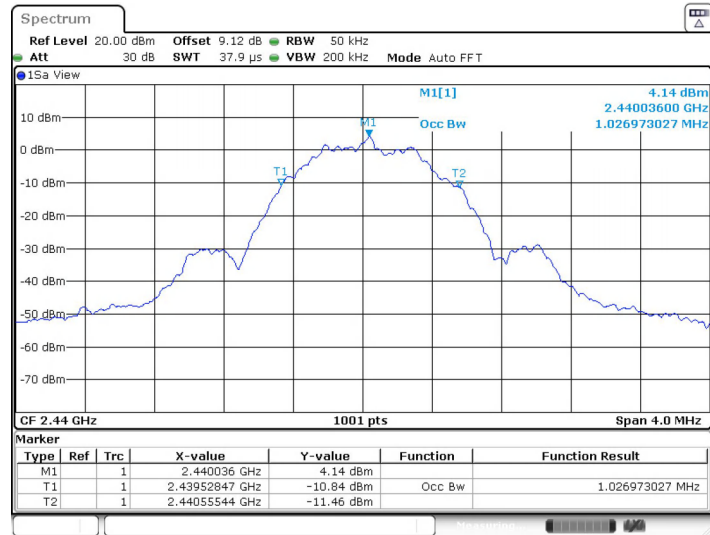
TestMode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	---	---
		2440	1.027	---	---
		2480	1.027	---	---
BLE_2M	Ant1	2402	2.042	---	---
		2440	2.042	---	---
		2480	2.046	---	---

Test Graphs



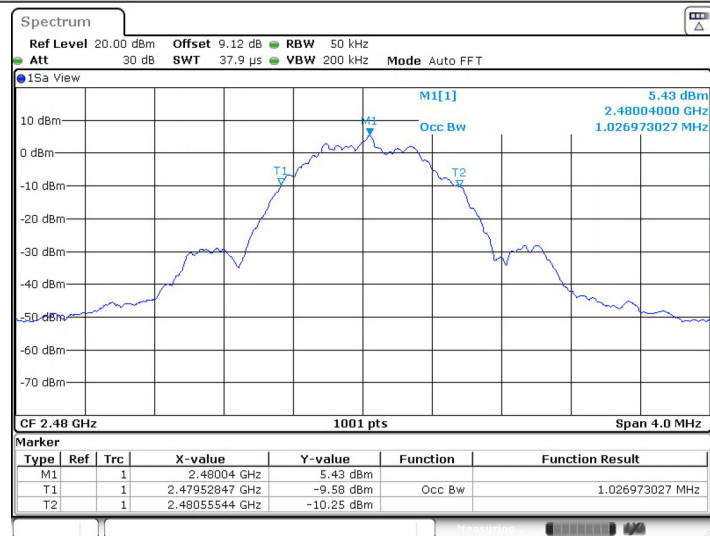
Date: 9.NOV.2024 07:34:58

BLE_1M_Ant1_2402



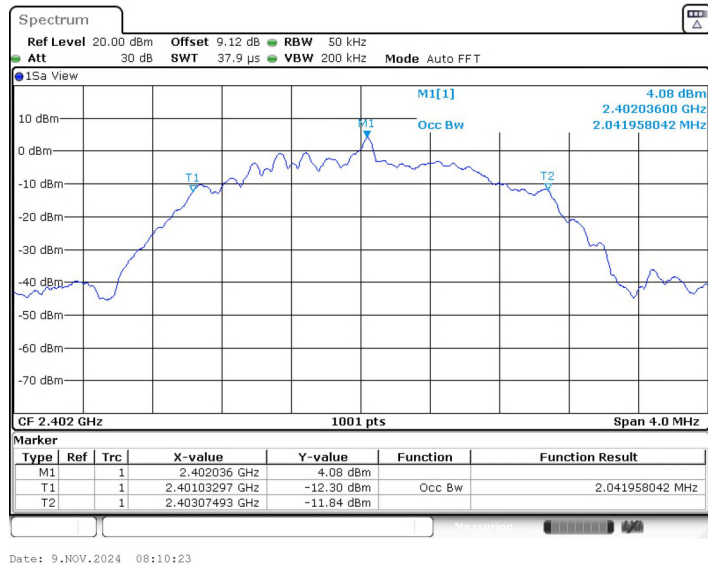
Date: 9.NOV.2024 07:41:15

BLE_1M_Ant1_2440

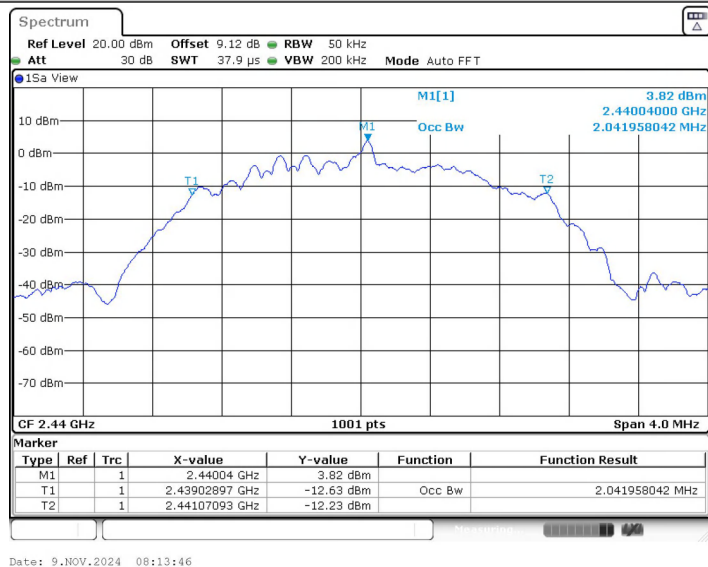


Date: 9.NOV.2024 07:43:13

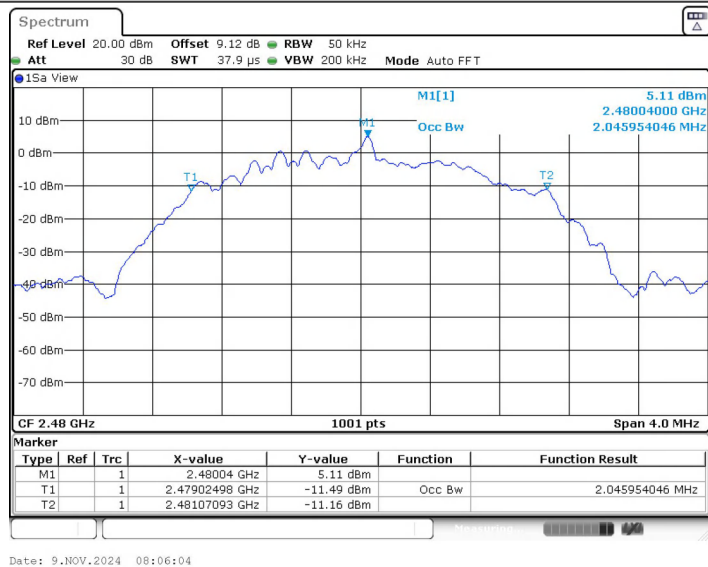
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

Appendix C: Maximum conducted output power

Test Result Peak

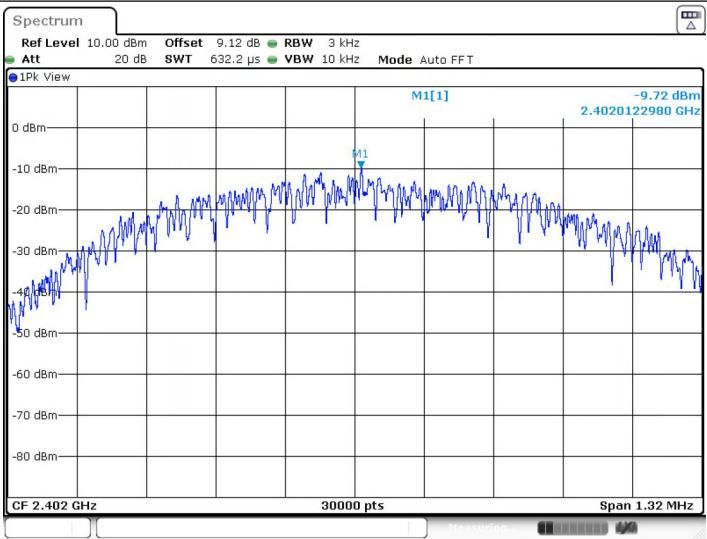
TestMode	Antenna	Channel	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	5.34	≤30	PASS
		2440	5.18	≤30	PASS
		2480	6.44	≤30	PASS
BLE_2M	Ant1	2402	5.44	≤30	PASS
		2440	5.23	≤30	PASS
		2480	6.55	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

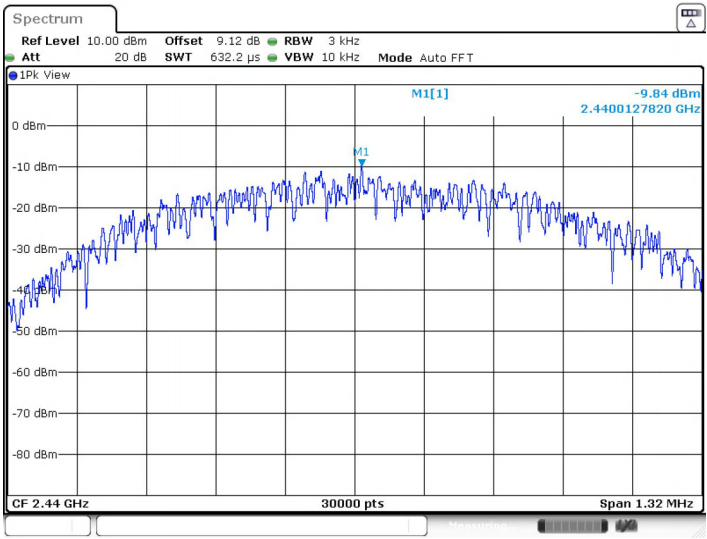
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.72	≤8.00	PASS
		2440	-9.84	≤8.00	PASS
		2480	-8.53	≤8.00	PASS
BLE_2M	Ant1	2402	-13.32	≤8.00	PASS
		2440	-13.40	≤8.00	PASS
		2480	-12.10	≤8.00	PASS

Test Graphs



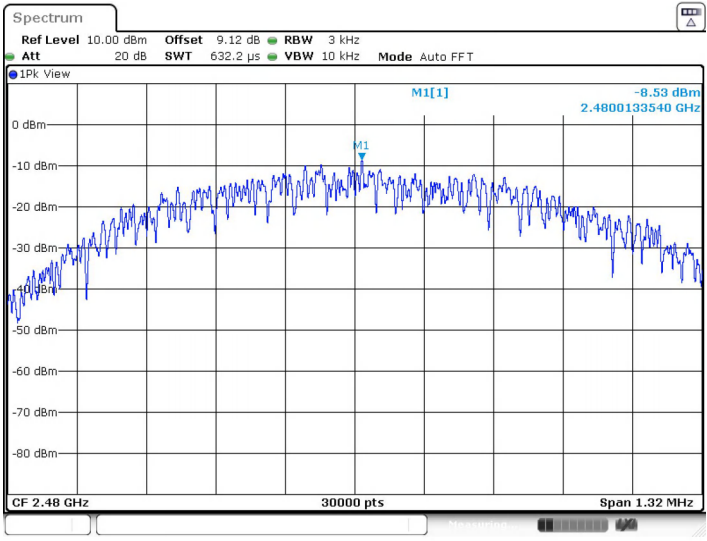
Date: 9.NOV.2024 07:57:46

BLE_1M_Ant1_2402



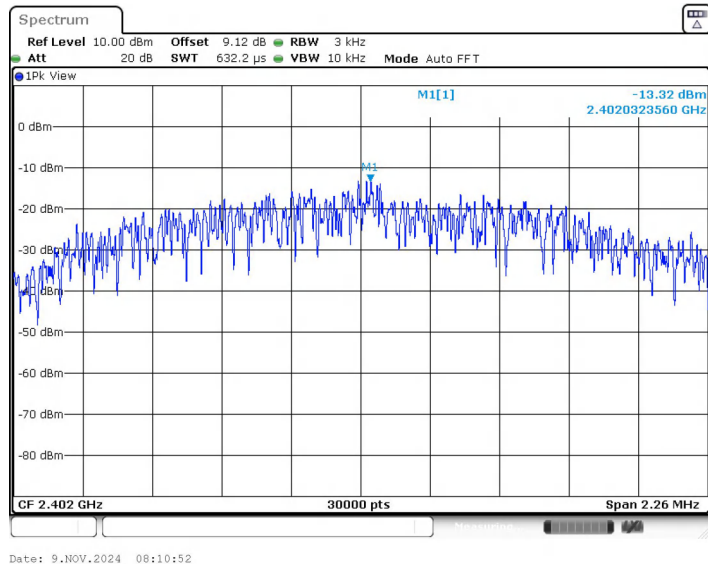
Date: 9.NOV.2024 07:59:13

BLE_1M_Ant1_2440

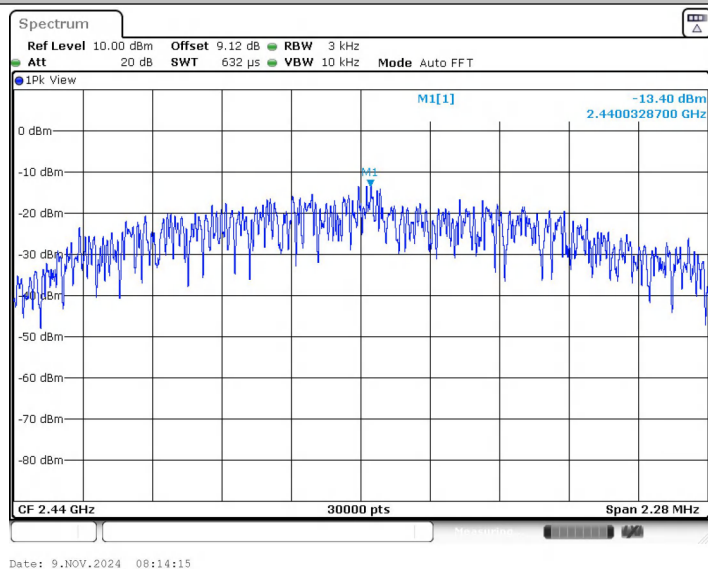


Date: 9.NOV.2024 08:00:35

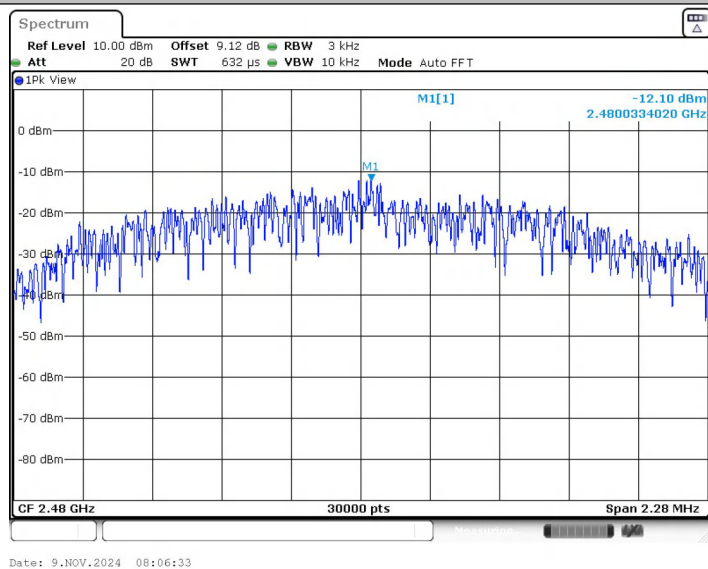
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



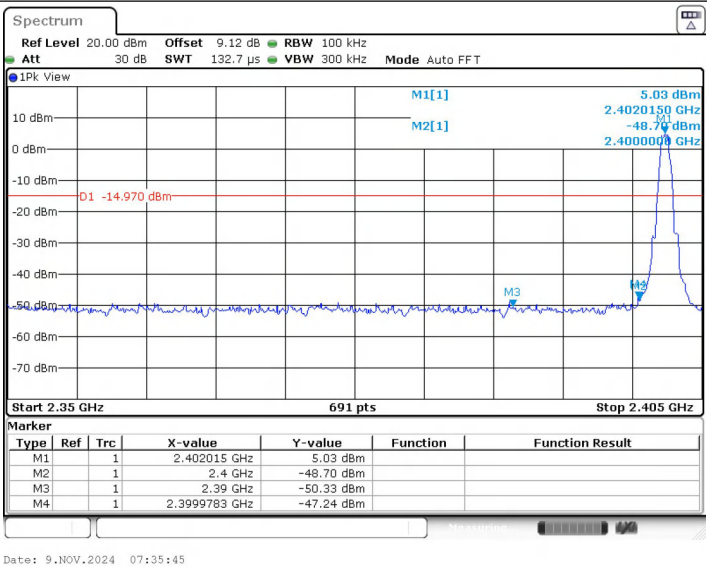
BLE_2M_Ant1_2480

Appendix E: Band edge measurements

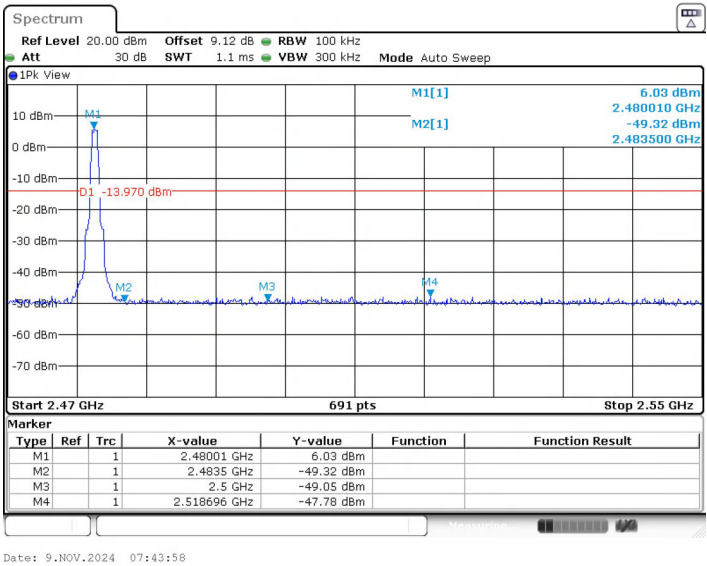
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.03	-47.24	≤-14.97	PASS
		High	2480	6.03	-47.78	≤-13.97	PASS
BLE_2M	Ant1	Low	2402	5.00	-41.39	≤-15.00	PASS
		High	2480	6.05	-47.52	≤-13.95	PASS

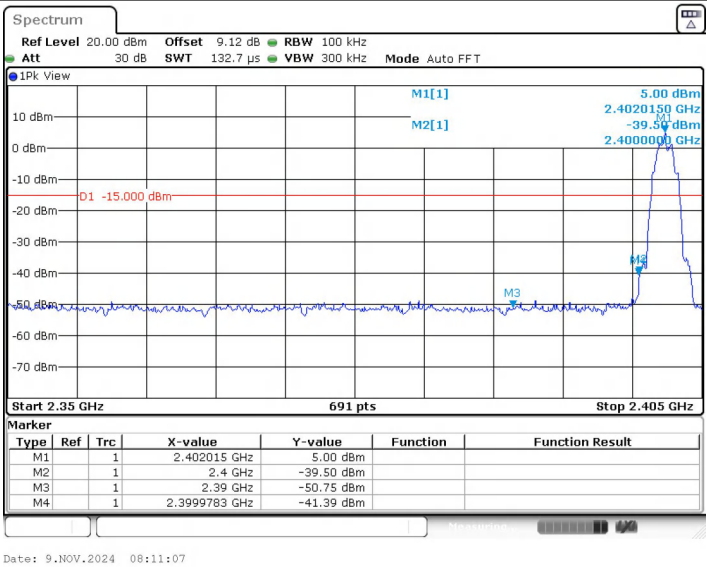
Test Graphs



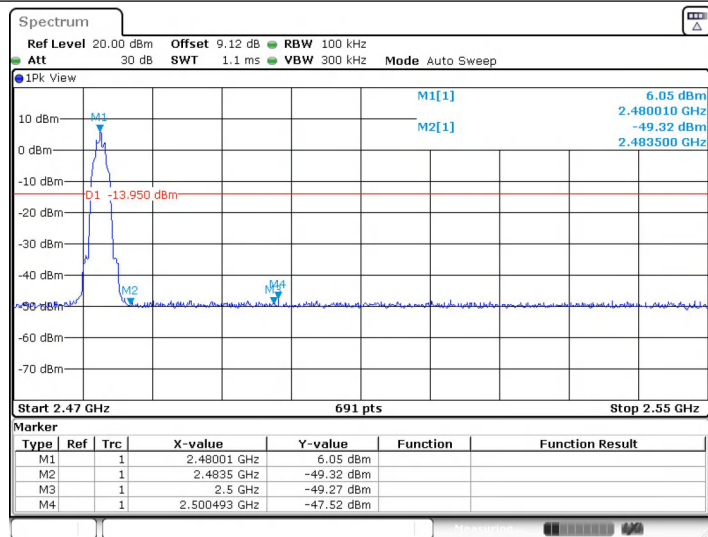
BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



Date: 9.NOV.2024 08:06:48

BLE_2M_Ant1_High_2480

Appendix F: Conducted Spurious Emission

Test Result

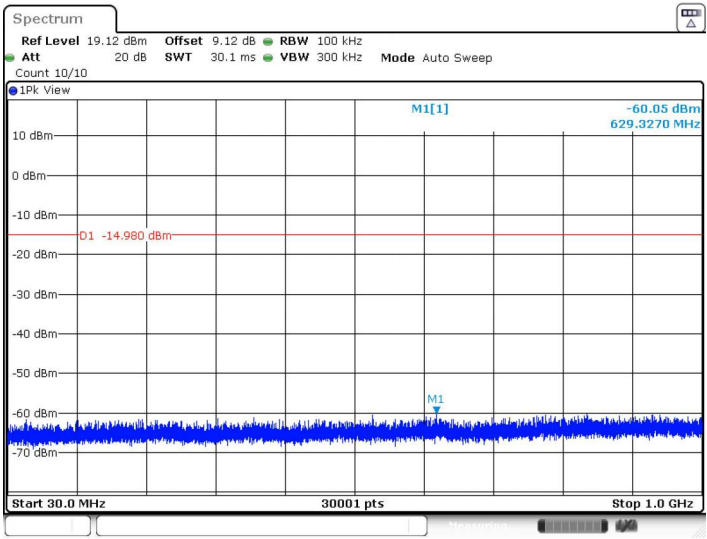
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	5.02	5.02	---	PASS
			30~1000	5.02	-60.05	≤-14.98	PASS
			1000~26500	5.02	-48.96	≤-14.98	PASS
		2440	Reference	4.73	4.73	---	PASS
			30~1000	4.73	-59.65	≤-15.27	PASS
			1000~26500	4.73	-48.05	≤-15.27	PASS
		2480	Reference	6.05	6.05	---	PASS
			30~1000	6.05	-59.69	≤-13.95	PASS
			1000~26500	6.05	-49.09	≤-13.95	PASS
BLE_2M	Ant1	2402	Reference	5.02	5.02	---	PASS
			30~1000	5.02	-59.35	≤-14.98	PASS
			1000~26500	5.02	-47.71	≤-14.98	PASS
		2440	Reference	4.75	4.75	---	PASS
			30~1000	4.75	-60.23	≤-15.25	PASS
			1000~26500	4.75	-48.74	≤-15.25	PASS
		2480	Reference	6.06	6.06	---	PASS
			30~1000	6.06	-60.09	≤-13.94	PASS
			1000~26500	6.06	-48.92	≤-13.94	PASS

Test Graphs



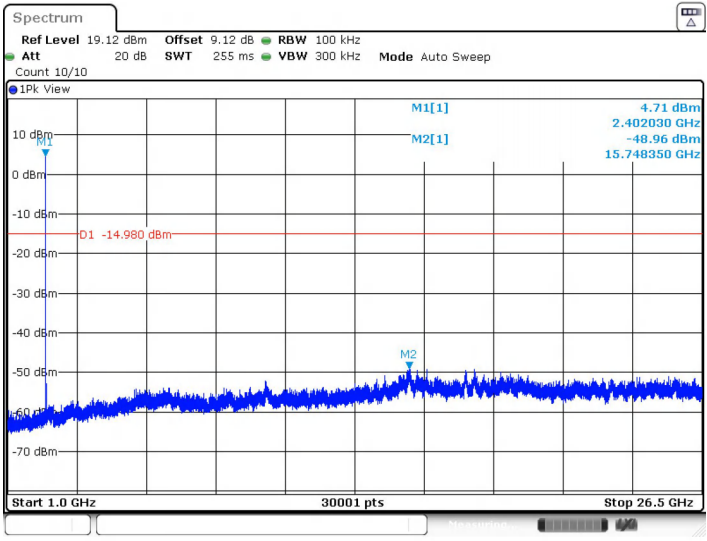
Date: 9.NOV.2024 07:36:57

BLE_1M_Ant1_2402_0~Reference



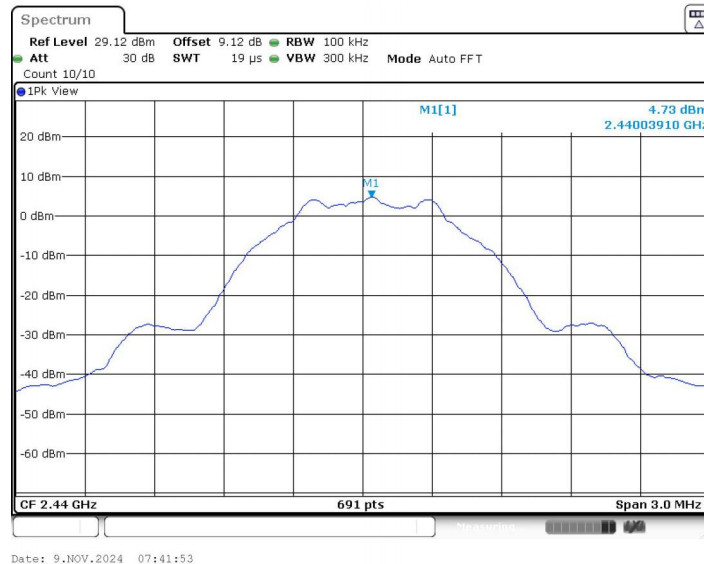
Date: 9.NOV.2024 07:37:03

BLE_1M_Ant1_2402_30~1000

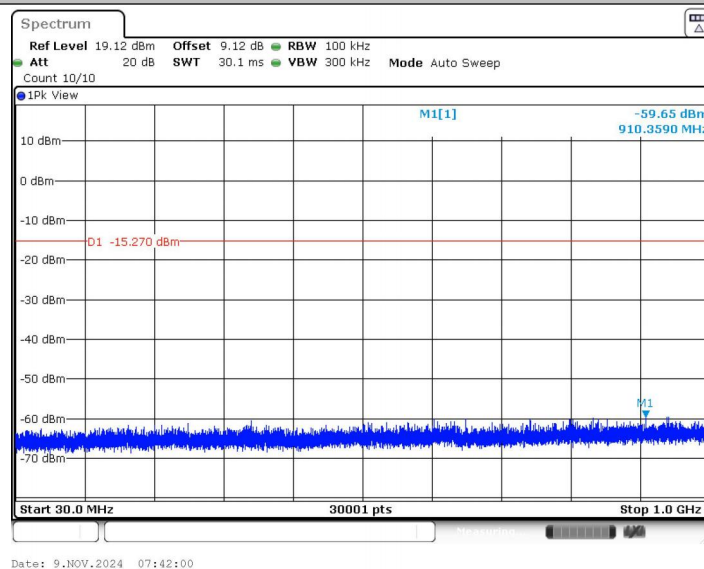


Date: 9.NOV.2024 07:37:40

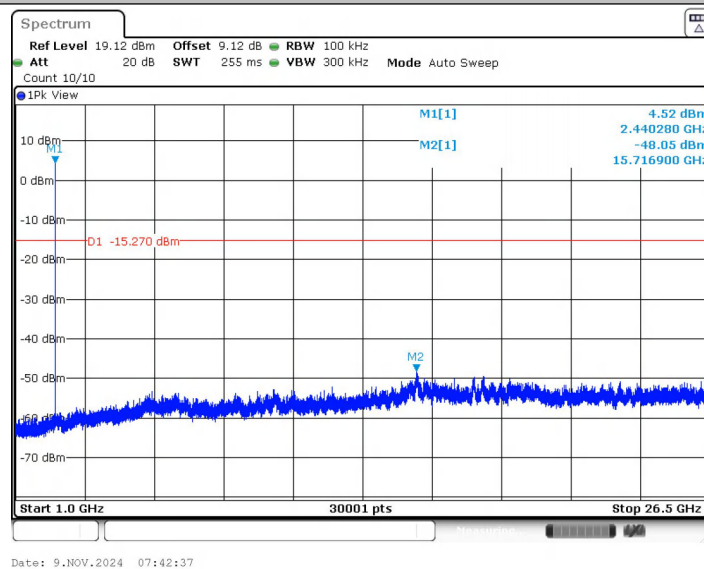
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



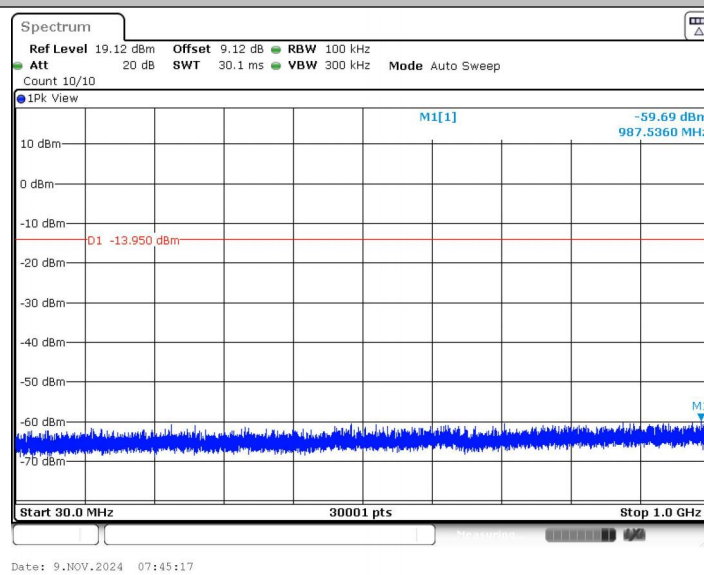
BLE_1M_Ant1_2440_30~1000



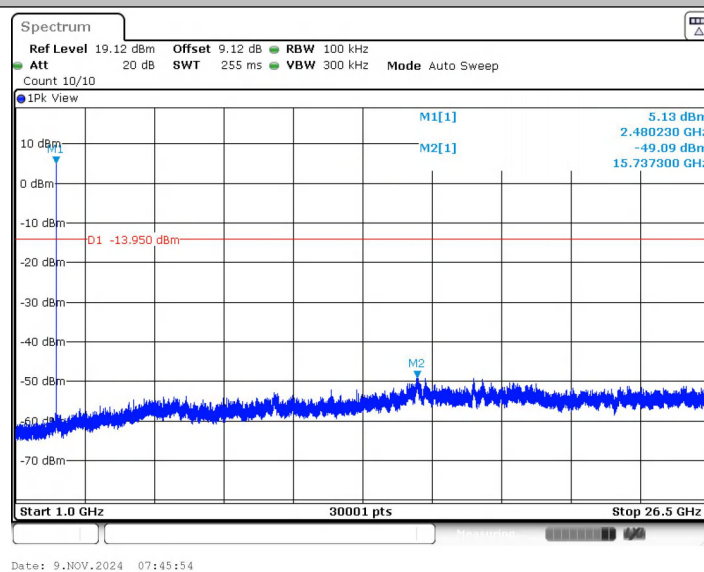
BLE_1M_Ant1_2440_1000~26500



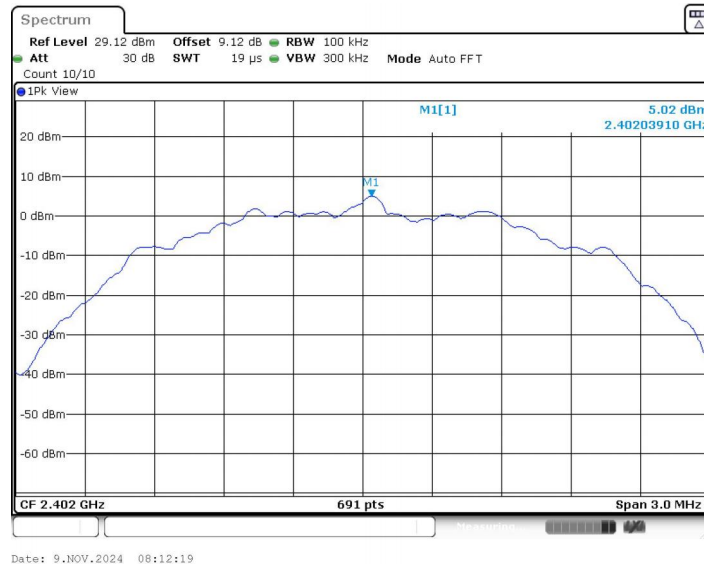
BLE_1M_Ant1_2480_0~Reference



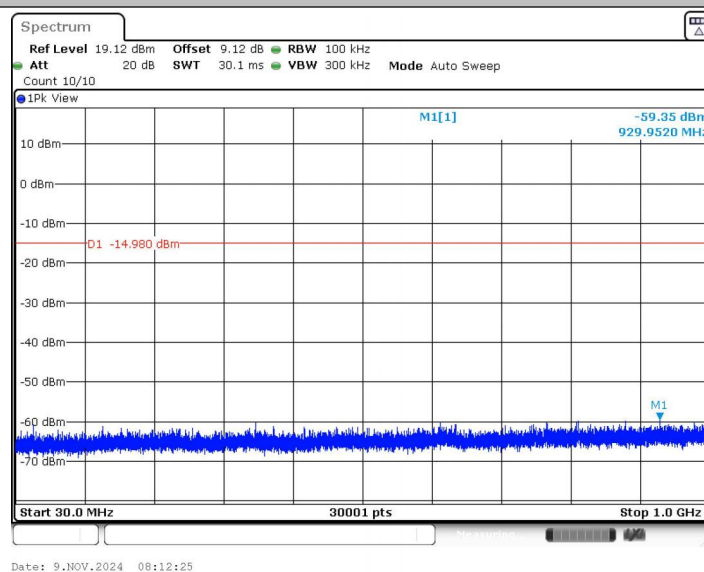
BLE_1M_Ant1_2480_30~1000



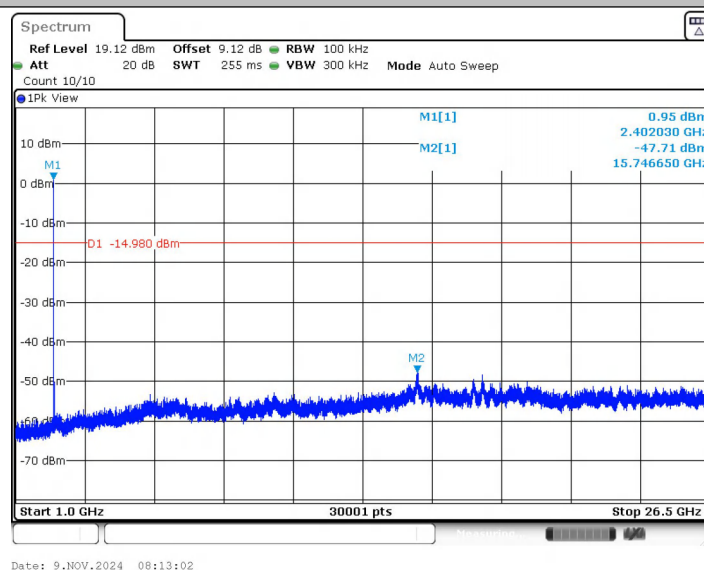
BLE_1M_Ant1_2480_1000~26500



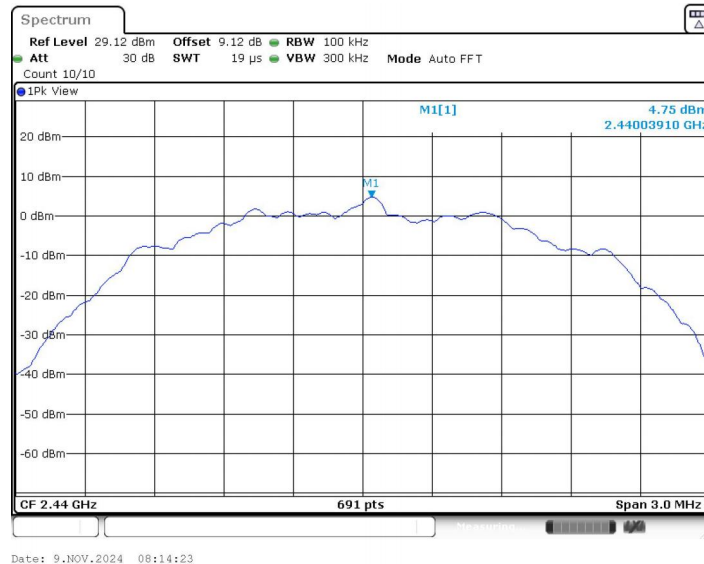
BLE_2M_Ant1_2402_0~Reference



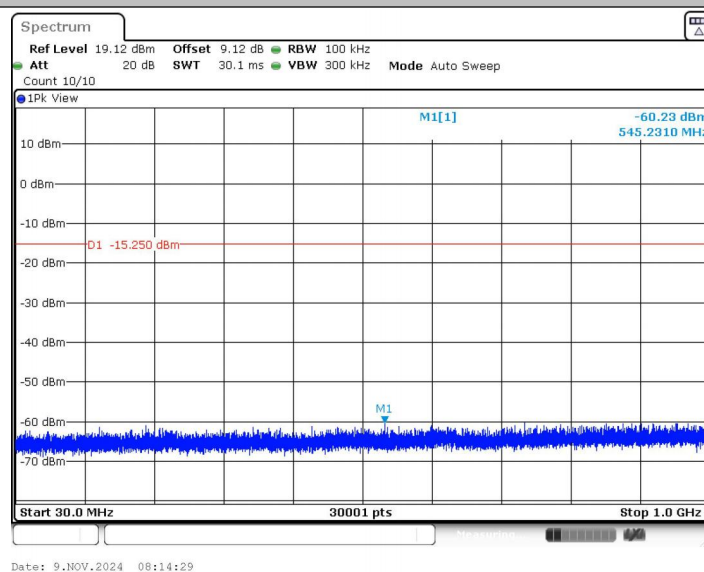
BLE_2M_Ant1_2402_30~1000



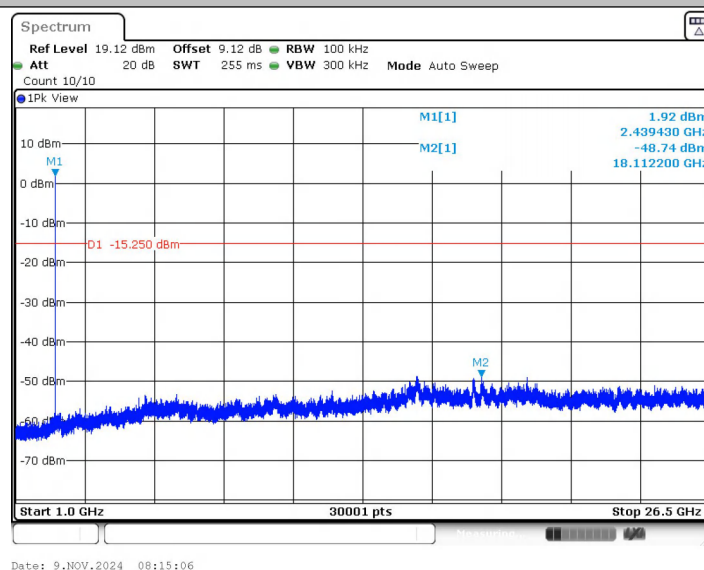
BLE_2M_Ant1_2402_1000~26500



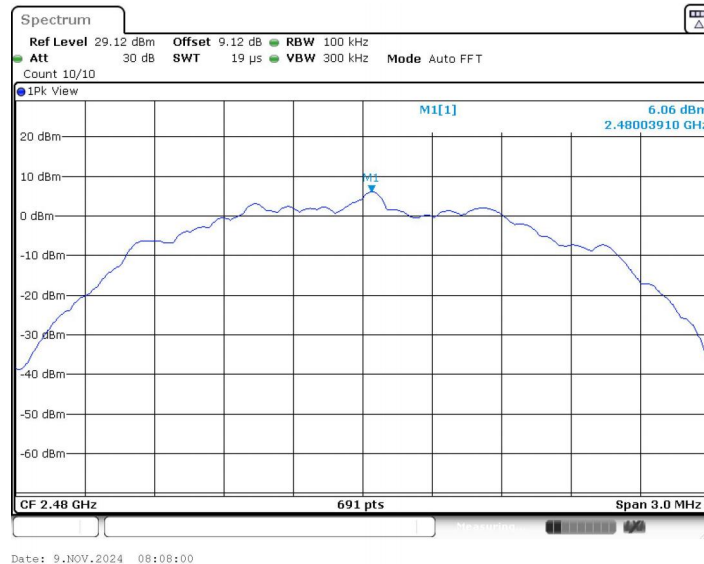
BLE_2M_Ant1_2440_0~Reference



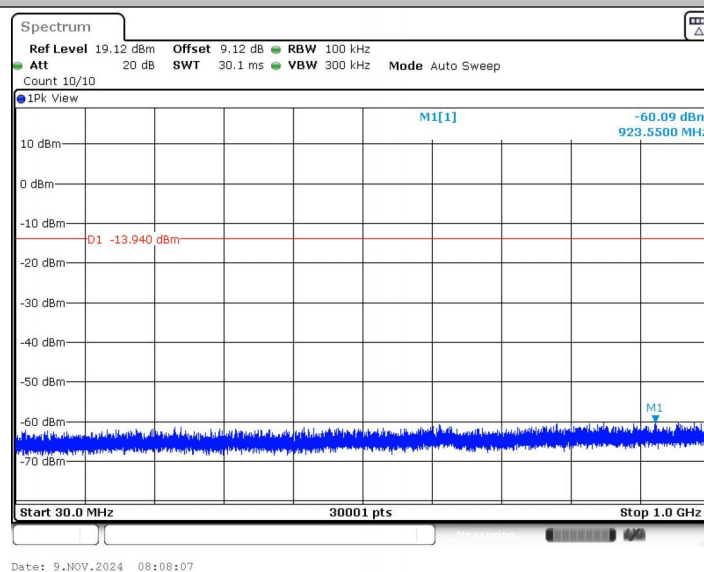
BLE_2M_Ant1_2440_30~1000



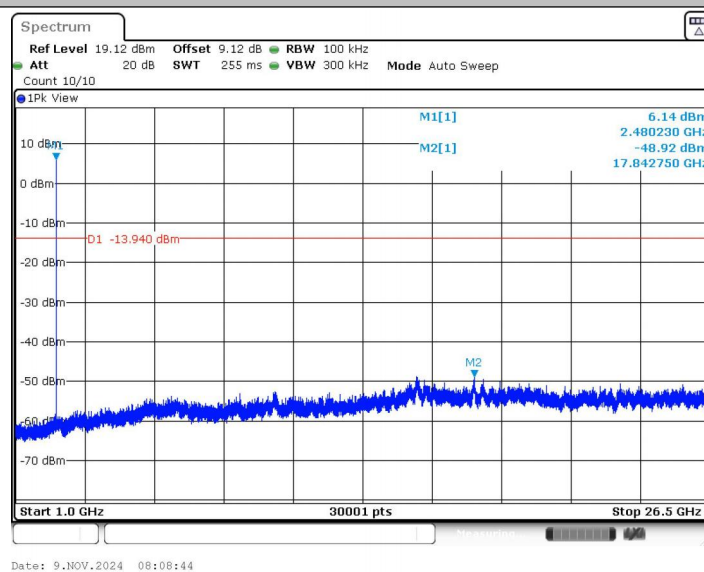
BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



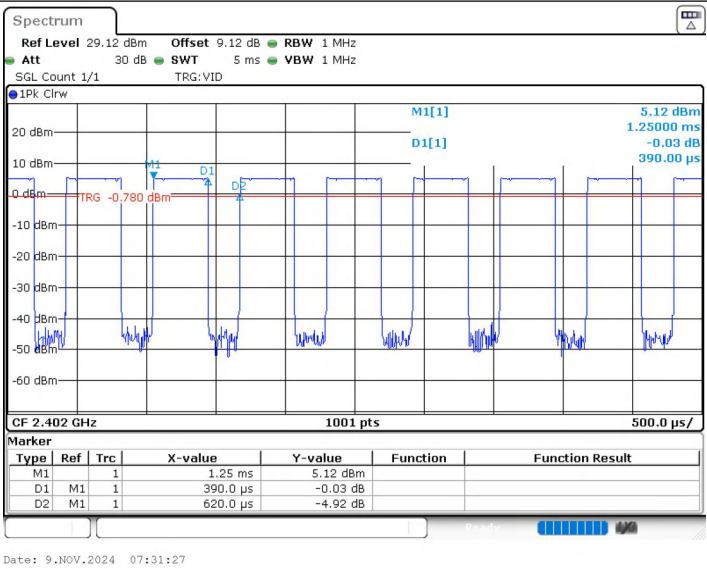
BLE_2M_Ant1_2480_1000~26500

Appendix G: Duty Cycle

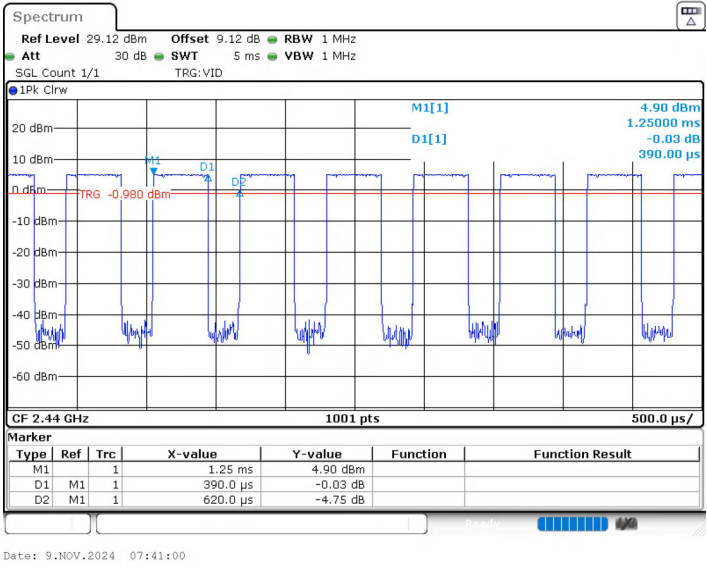
Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.62	0.6290	62.90	2.01	---	---
		2440	0.39	0.62	0.6290	62.90	2.01	---	---
		2480	0.39	0.62	0.6290	62.90	2.01	---	---
BLE_2M	Ant1	2402	0.21	0.62	0.3387	33.87	4.70	---	---
		2440	0.21	0.62	0.3387	33.87	4.70	---	---
		2480	0.21	0.62	0.3387	33.87	4.70	---	---

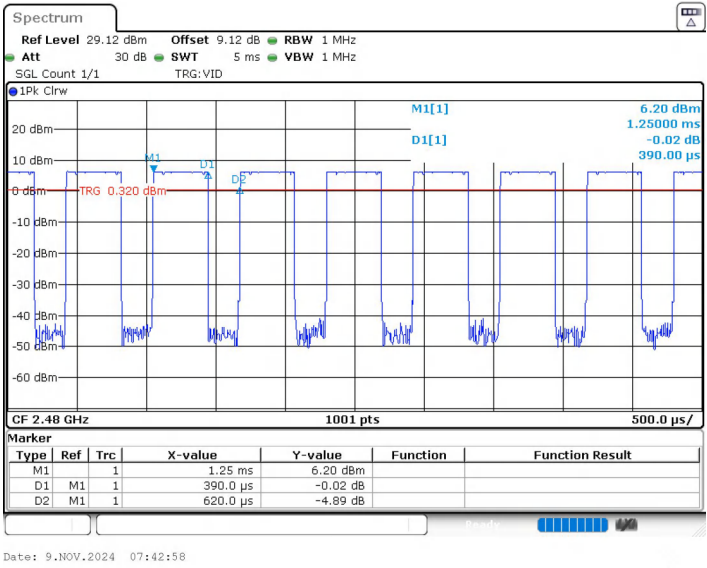
Test Graphs



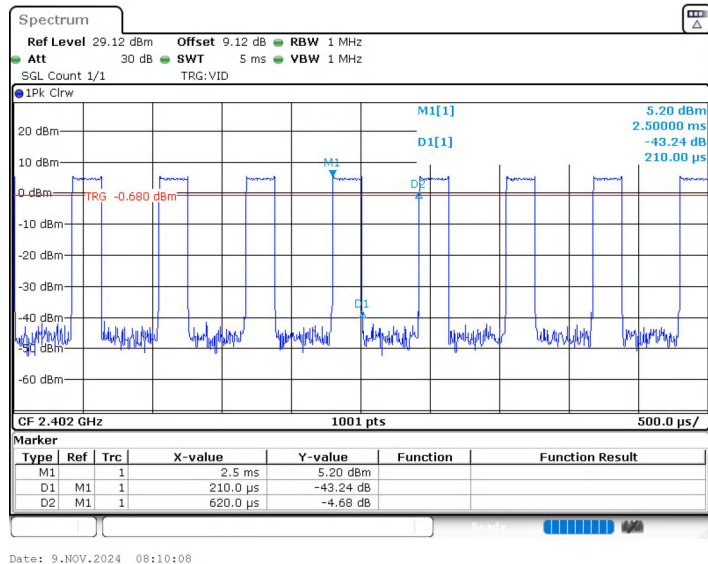
BLE_1M_Ant1_2402



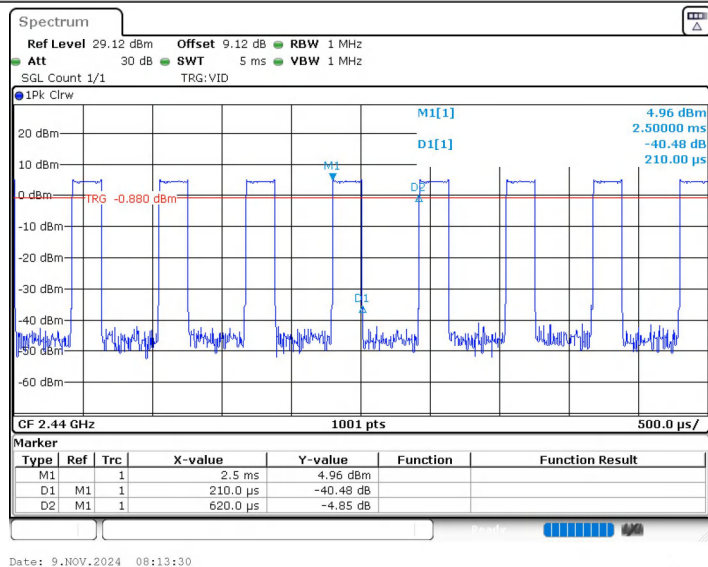
BLE_1M_Ant1_2440



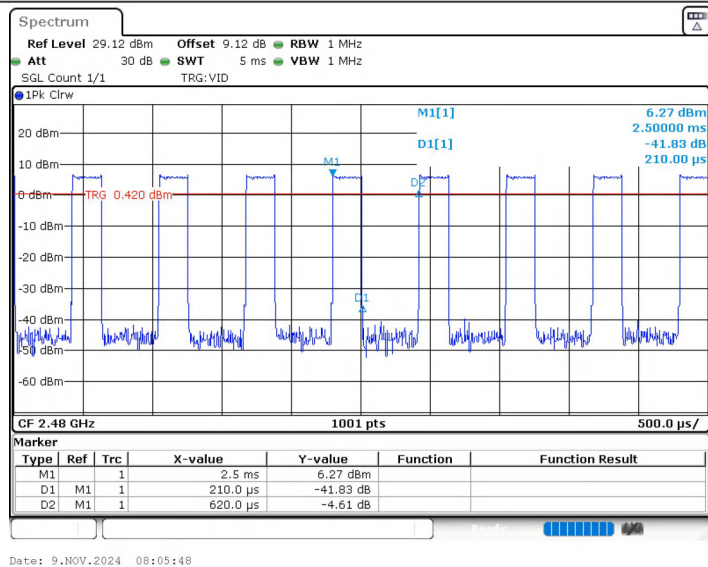
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480