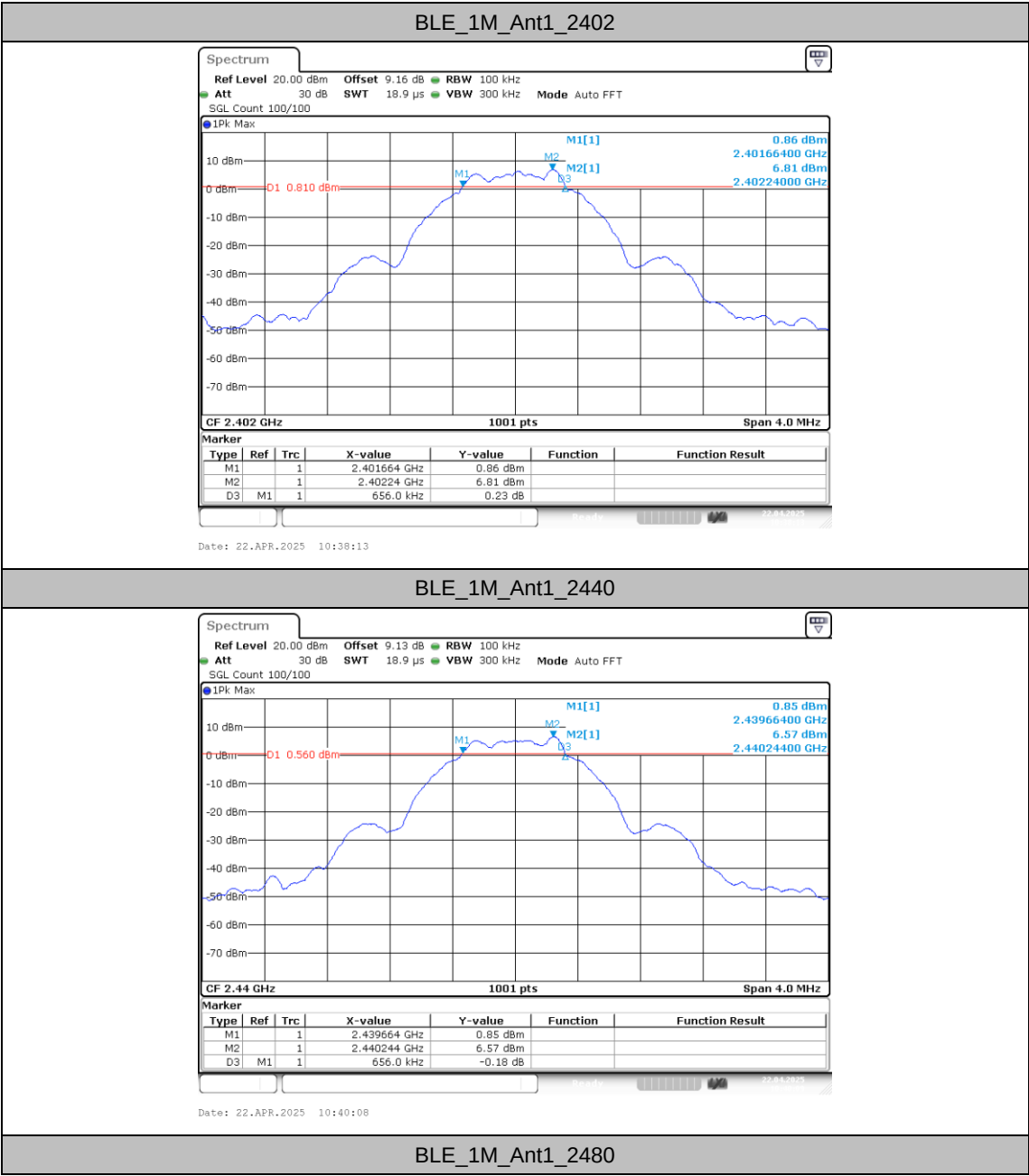


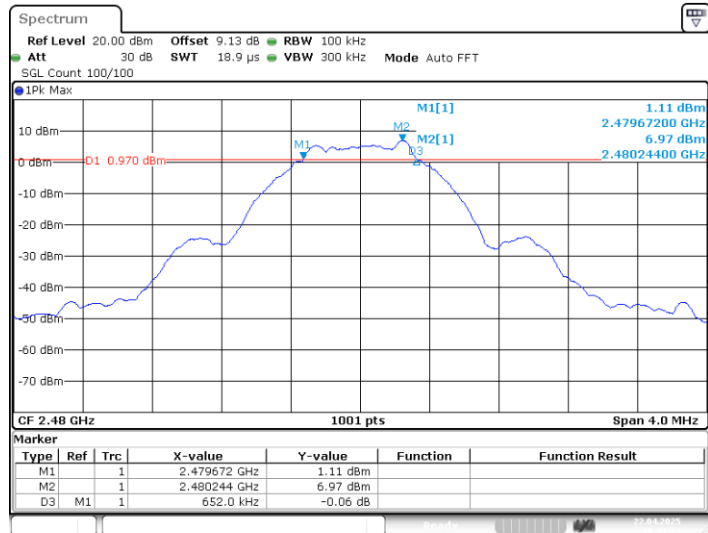
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.66	2402.32	0.5	PASS
		2440	0.66	2439.66	2440.32	0.5	PASS
		2480	0.65	2479.67	2480.32	0.5	PASS
BLE_2M	Ant1	2402	0.96	2401.58	2402.00	0.5	PASS
		2440	1.22	2439.35	2440.56	0.5	PASS
		2480	1.11	2479.44	2480.55	0.5	PASS

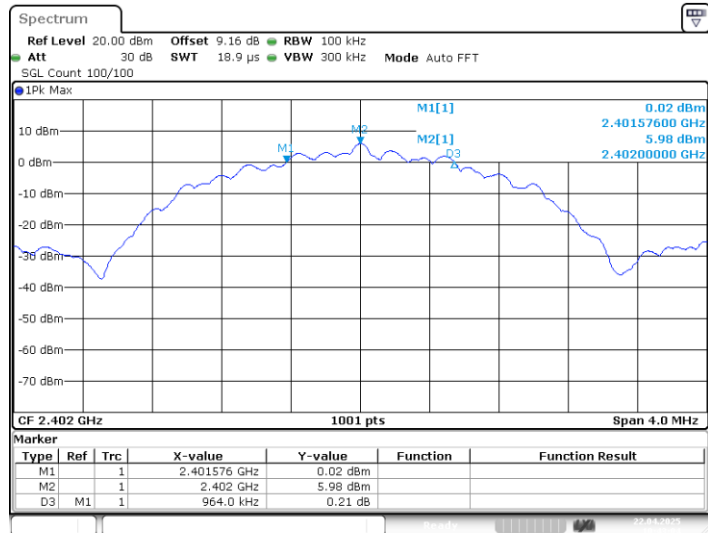
Test Graphs





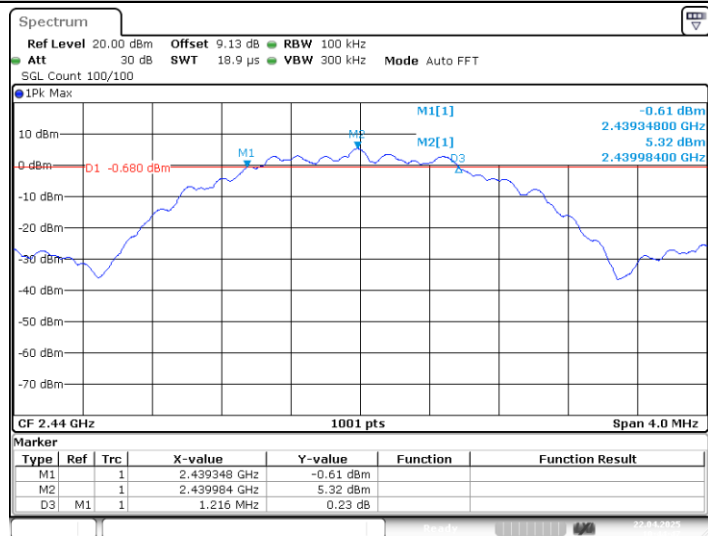
Date: 22.APR.2025 10:41:21

BLE_2M_Ant1_2402



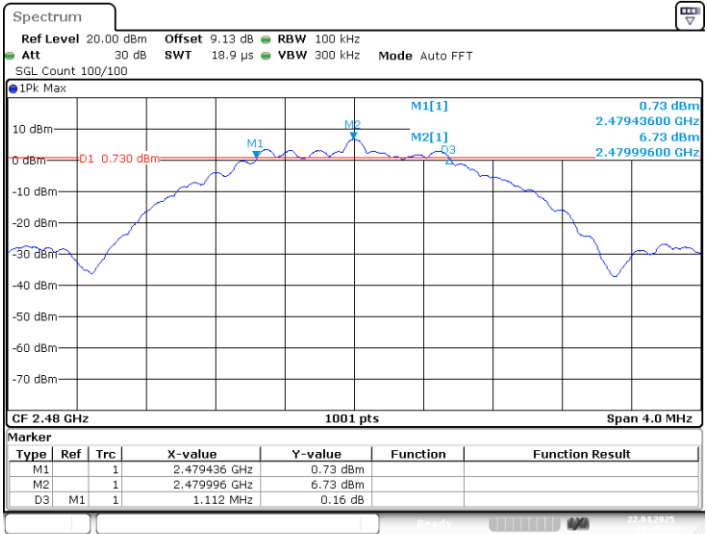
Date: 22.APR.2025 10:43:04

BLE_2M_Ant1_2440



Date: 22.APR.2025 10:44:47

BLE_2M_Ant1_2480



Date: 22.APR.2025 10:45:53

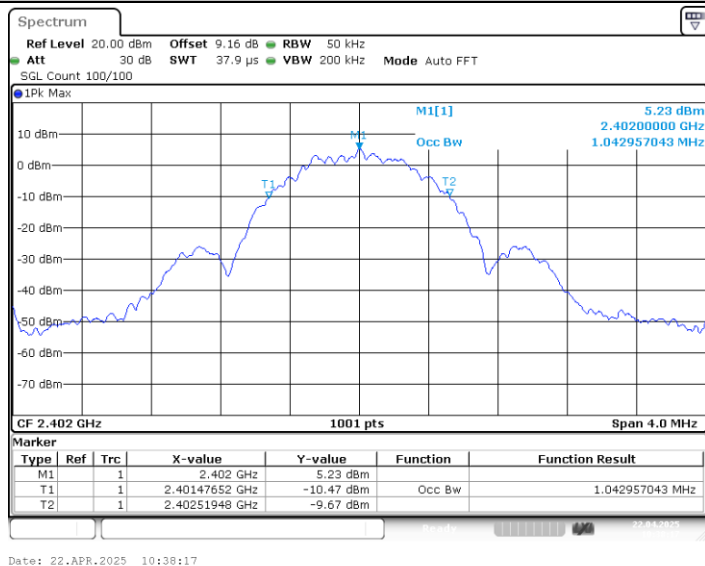
Appendix B: Occupied Channel Bandwidth

Test Result

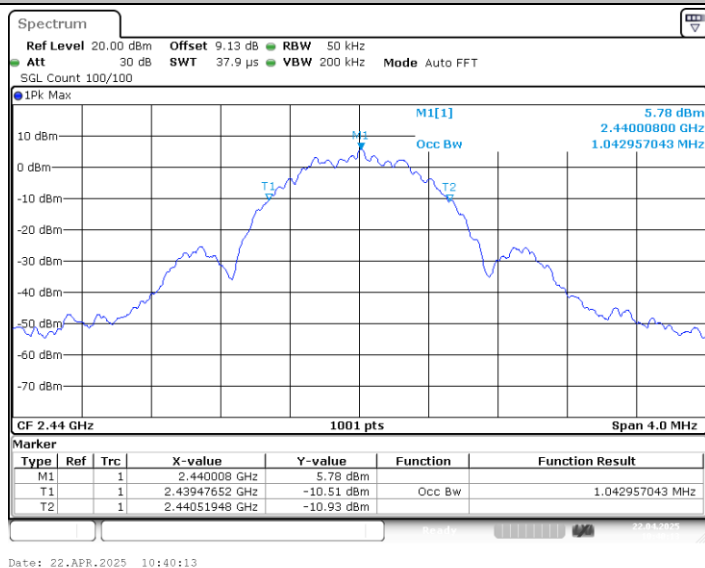
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0430	2401.4765	2402.5195	---	---
		2440	1.0430	2439.4765	2440.5195	---	---
		2480	1.0430	2479.4805	2480.5235	---	---
BLE_2M	Ant1	2402	2.0579	2400.9810	2403.0390	---	---
		2440	2.0420	2438.9970	2441.0390	---	---
		2480	2.0500	2478.9890	2481.0390	---	---

Test Graphs

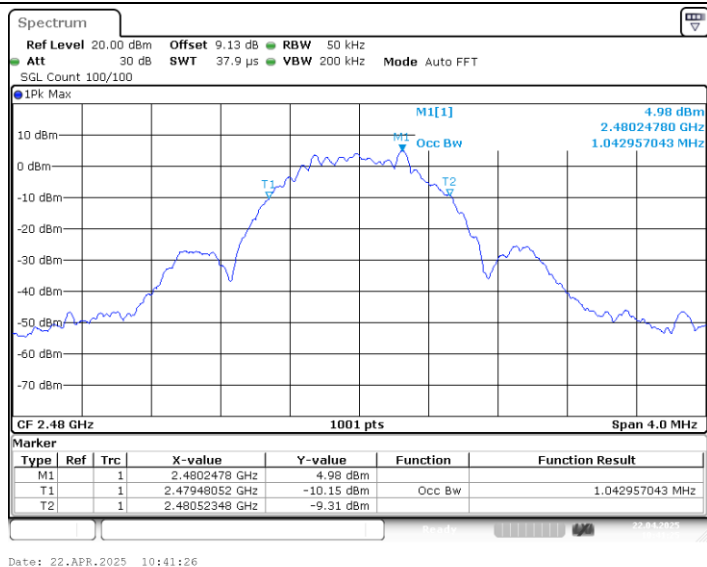
BLE_1M_Ant1_2402



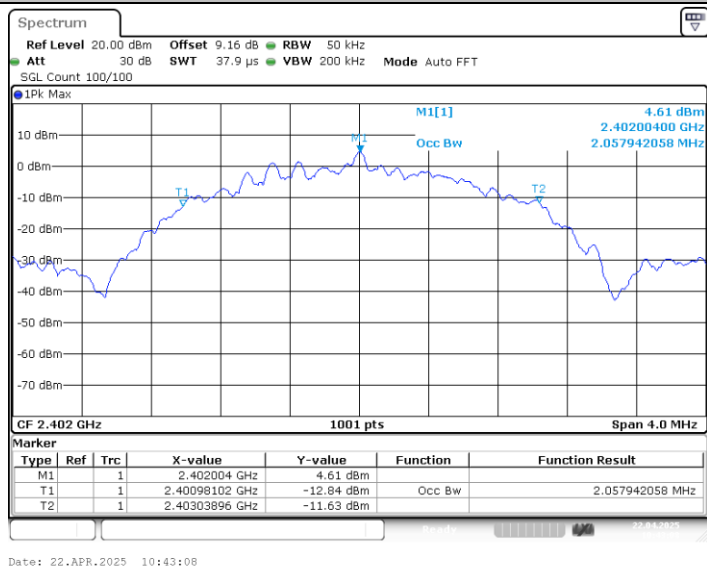
BLE_1M_Ant1_2440



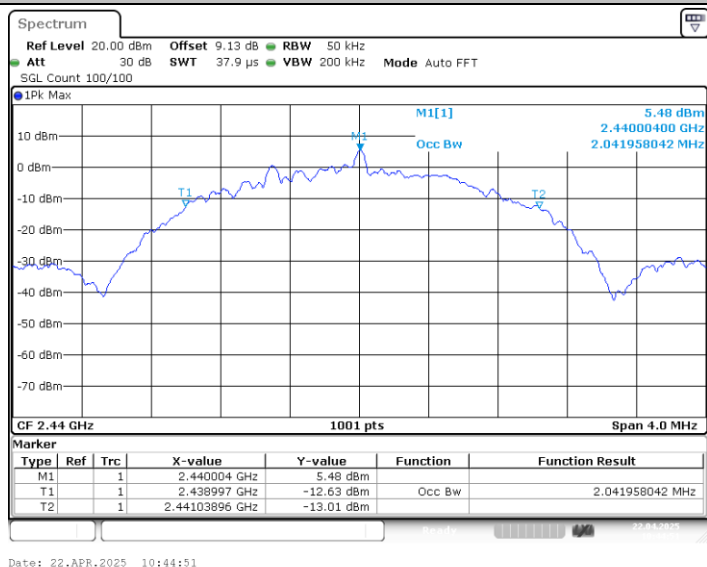
BLE_1M_Ant1_2480



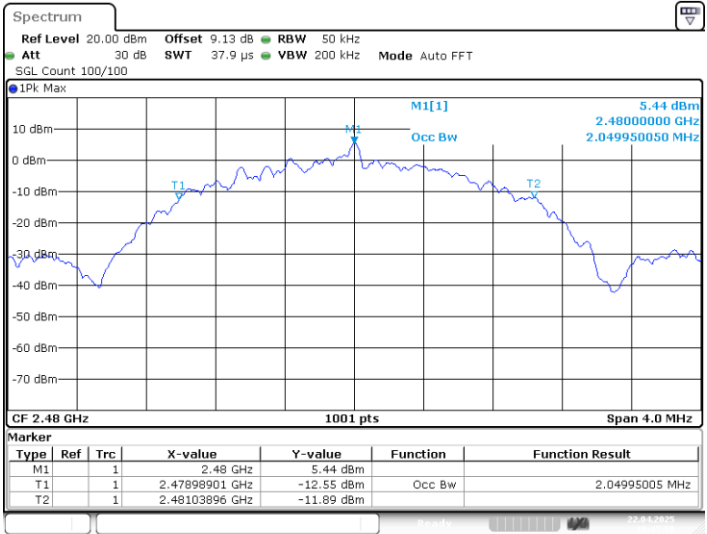
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Date: 22.APR.2025 10:45:58

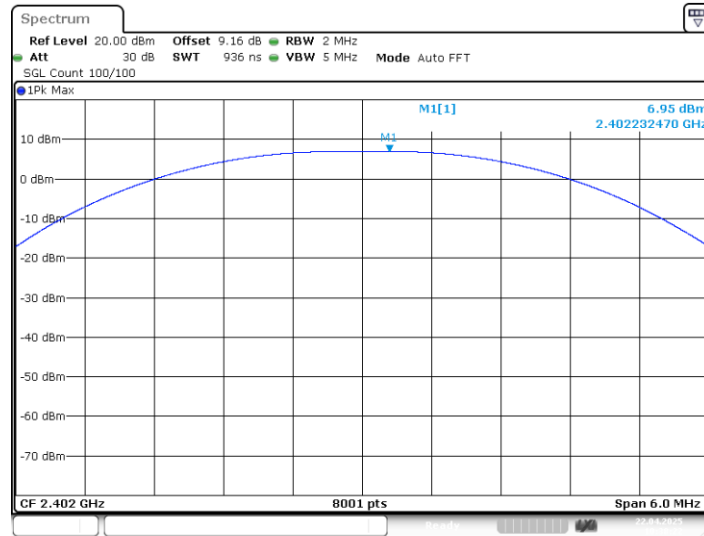
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.95	≤30	PASS
		2440	6.79	≤30	PASS
		2480	7.01	≤30	PASS
BLE_2M	Ant1	2402	6.92	≤30	PASS
		2440	6.74	≤30	PASS
		2480	6.97	≤30	PASS

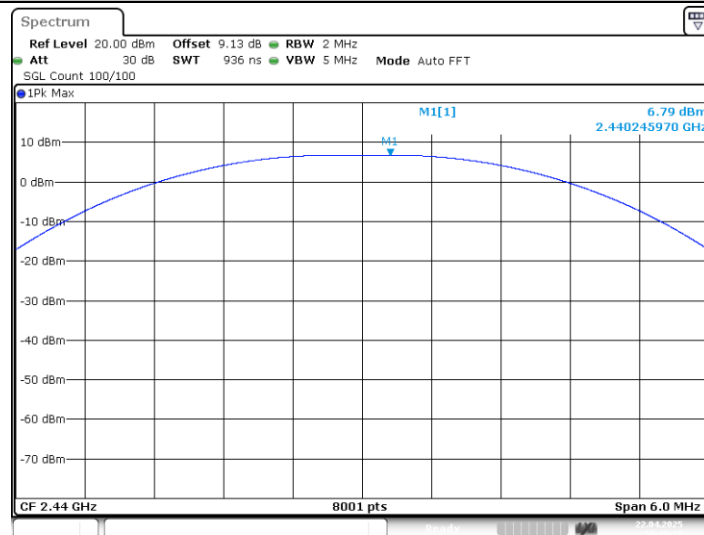
Test Graphs Peak

BLE_1M_Ant1_2402



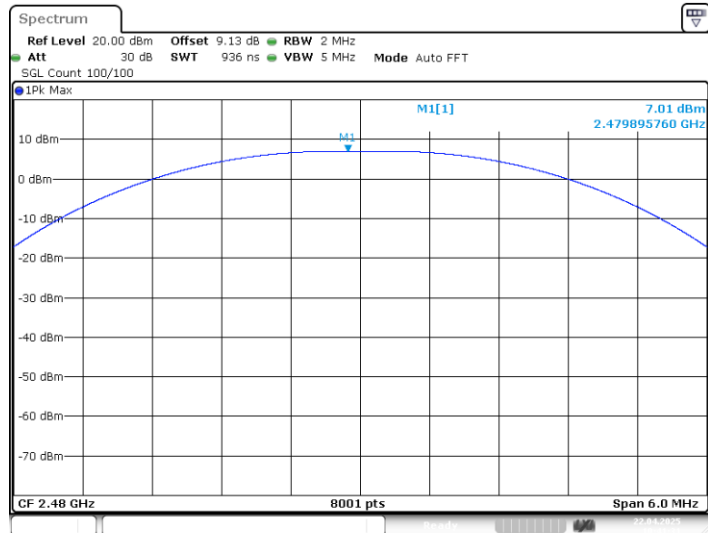
Date: 22.APR.2025 10:38:23

BLE_1M_Ant1_2440



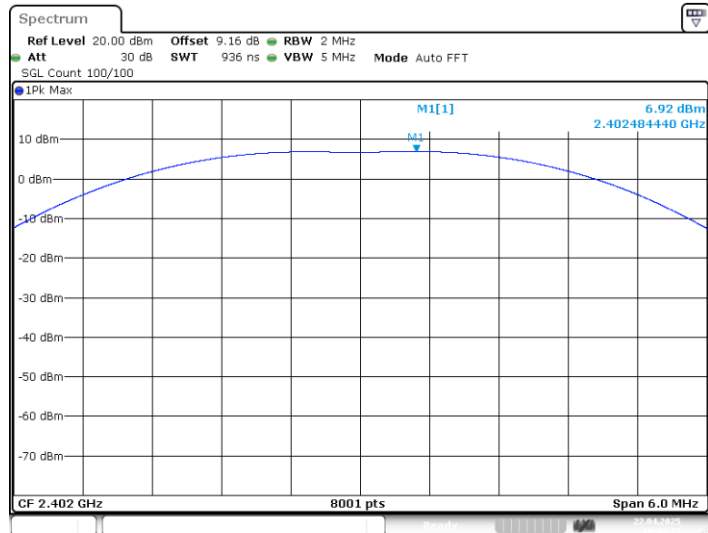
Date: 22.APR.2025 10:40:19

BLE_1M_Ant1_2480



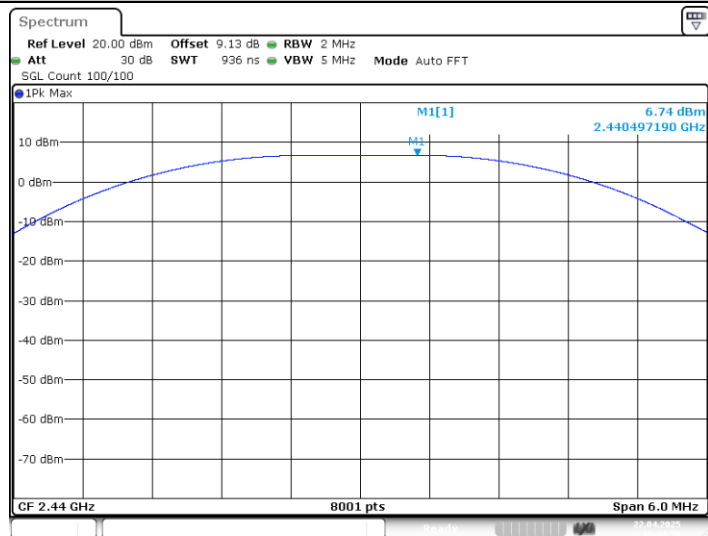
Date: 22.APR.2025 10:41:31

BLE_2M_Ant1_2402



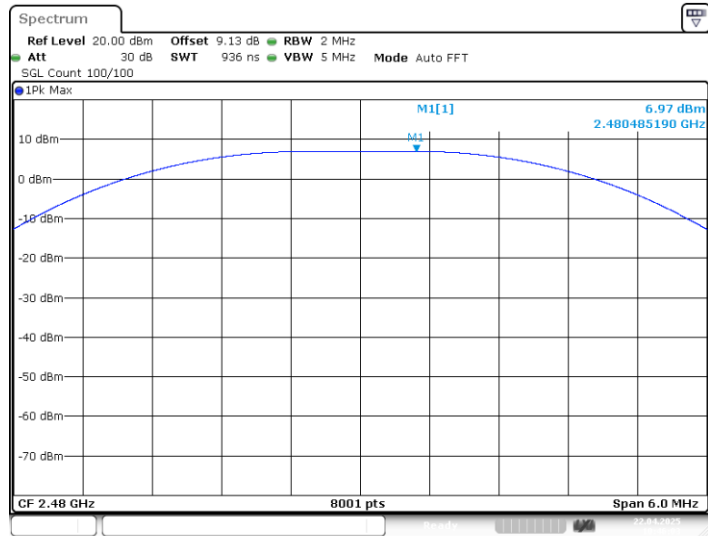
Date: 22.APR.2025 10:43:14

BLE_2M_Ant1_2440



Date: 22.APR.2025 10:44:56

BLE_2M_Ant1_2480

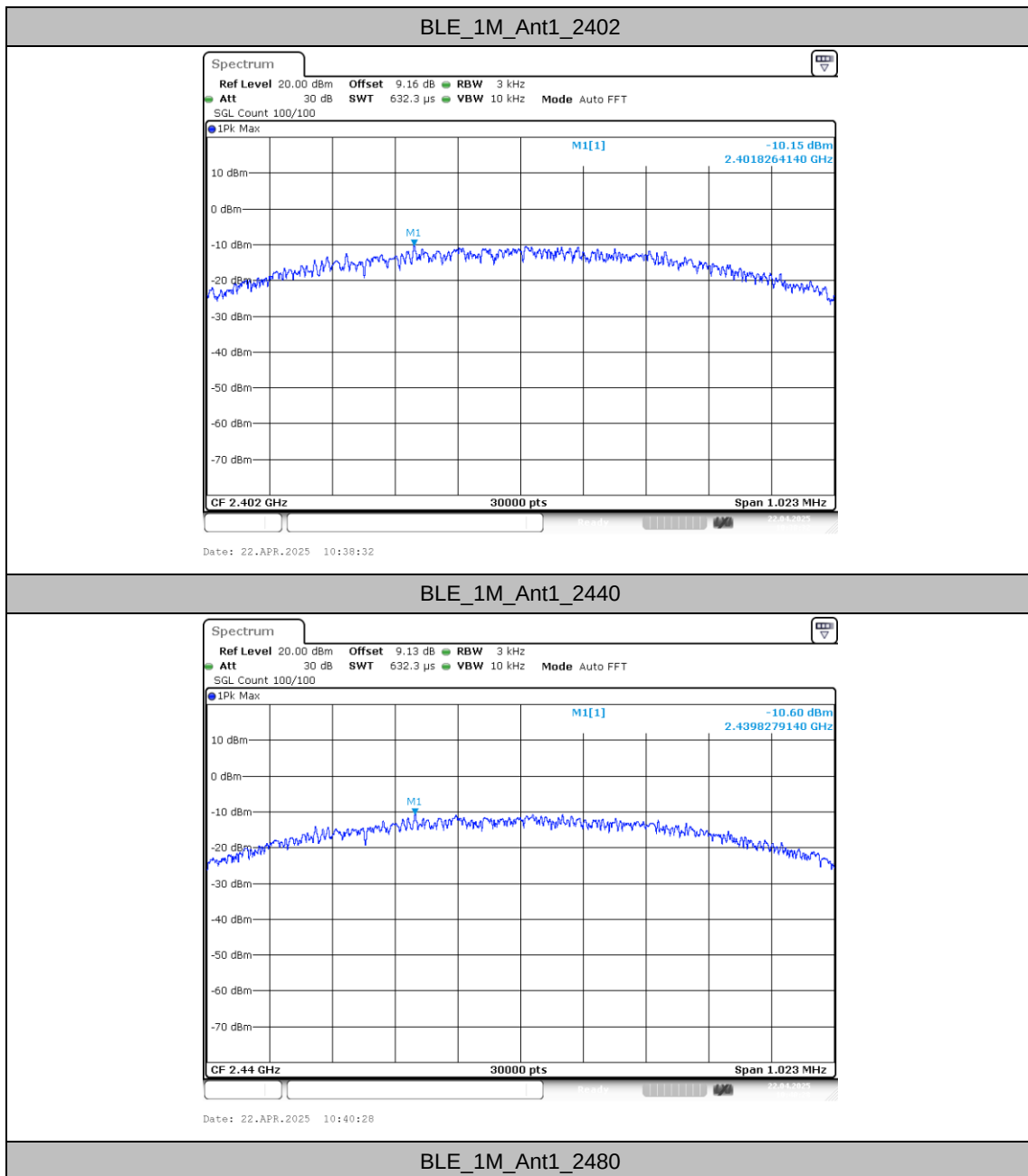


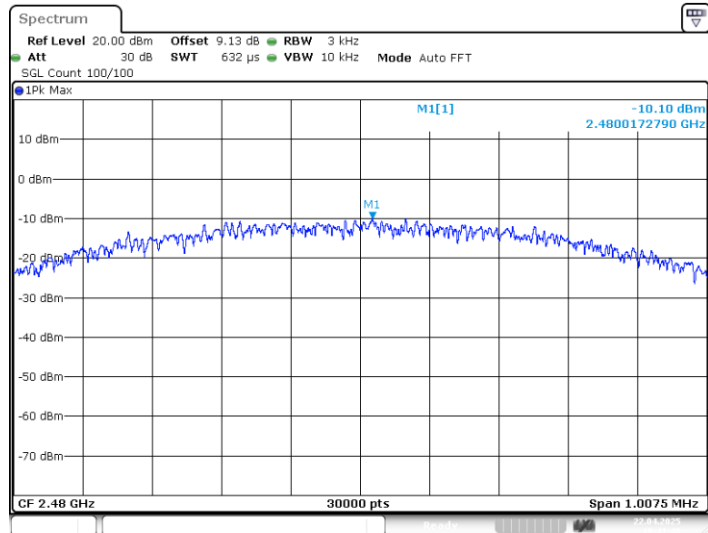
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.15	≤8.00	PASS
		2440	-10.60	≤8.00	PASS
		2480	-10.10	≤8.00	PASS
BLE_2M	Ant1	2402	-11.50	≤8.00	PASS
		2440	-11.75	≤8.00	PASS
		2480	-10.71	≤8.00	PASS

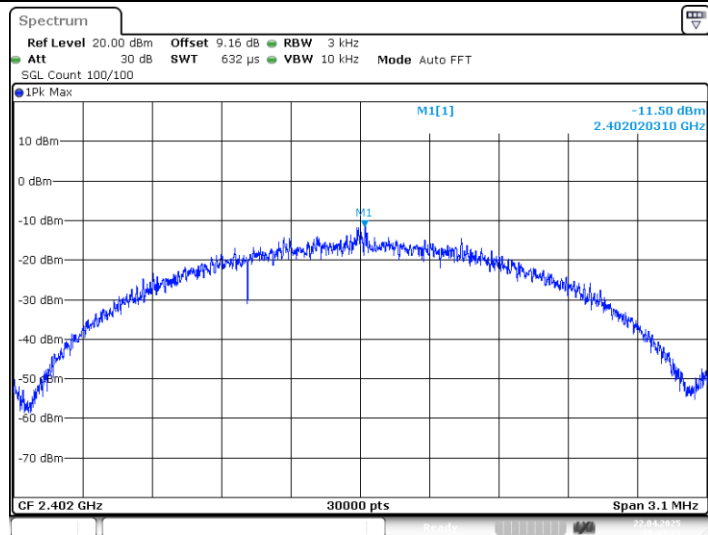
Test Graphs





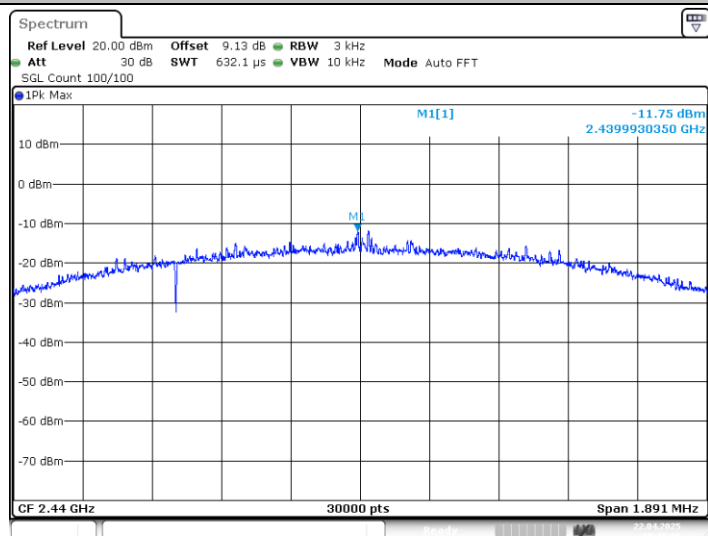
Date: 22.APR.2025 10:41:41

BLE_2M_Ant1_2402



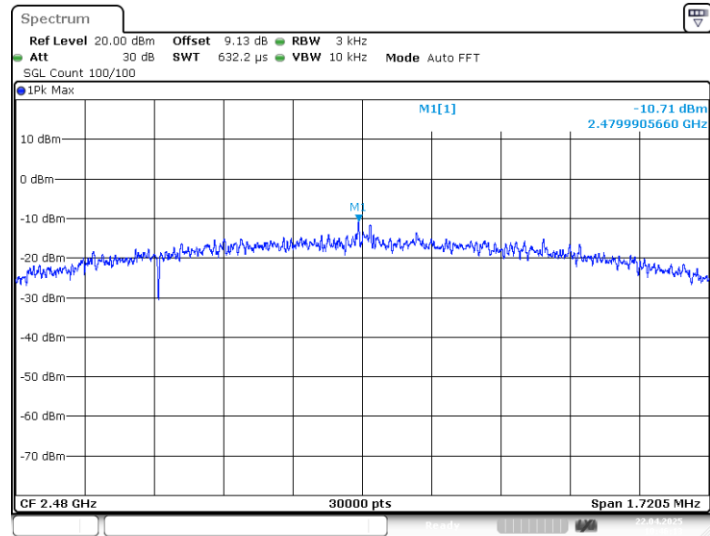
Date: 22.APR.2025 10:43:23

BLE_2M_Ant1_2440



Date: 22.APR.2025 10:45:06

BLE_2M_Ant1_2480

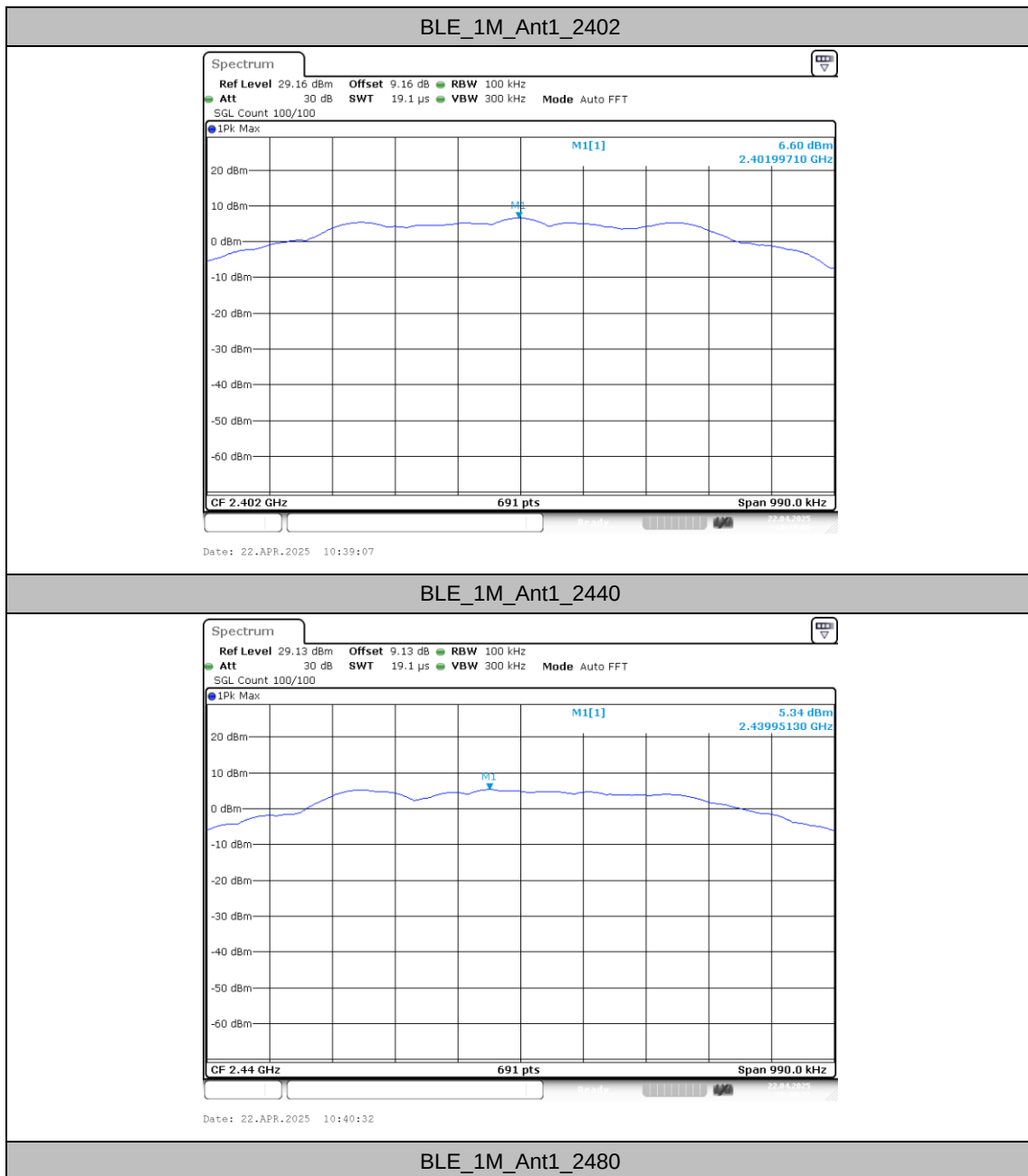


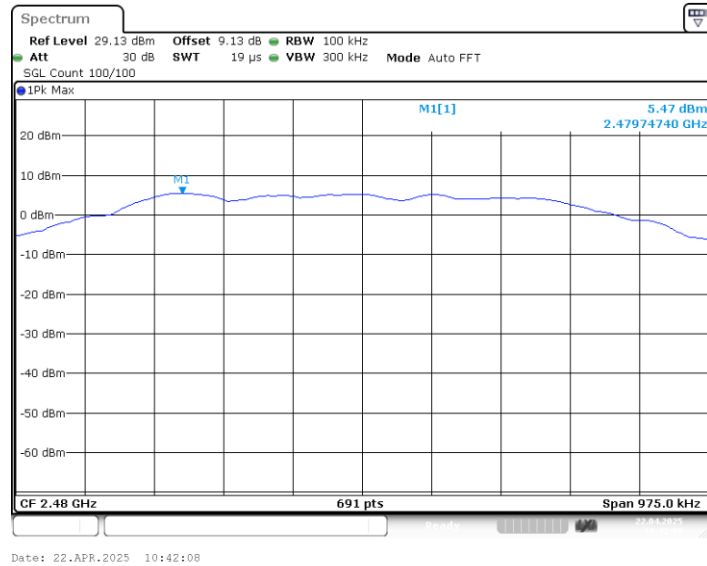
ppendix E: Reference level measurement

Test Result

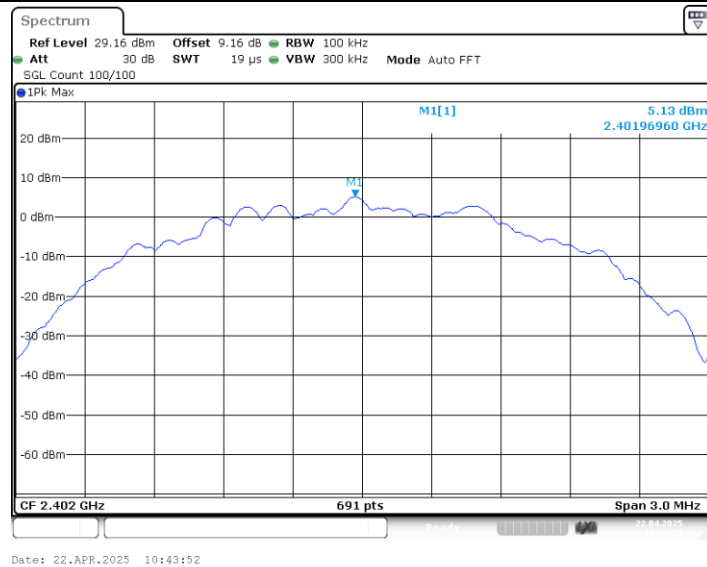
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.00	6.60
		2440	2439.95	5.34
		2480	2479.75	5.47
BLE_2M	Ant1	2402	2401.97	5.13
		2440	2440.00	5.59
		2480	2480.01	6.26

Test Graphs

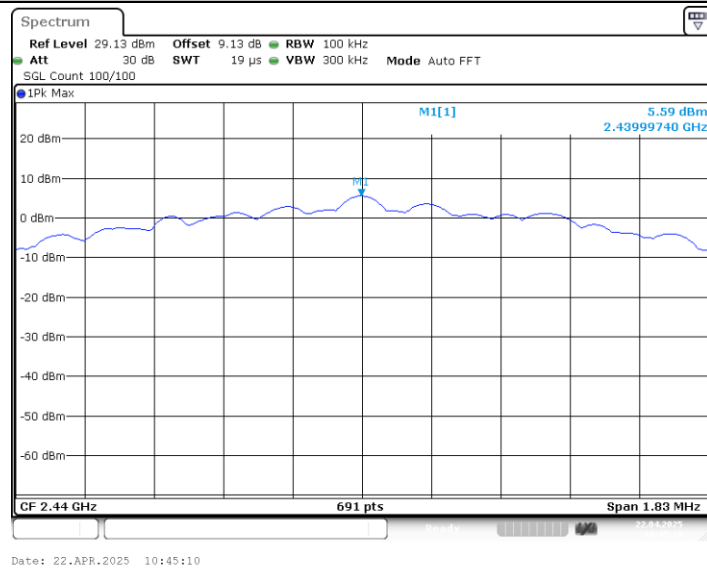




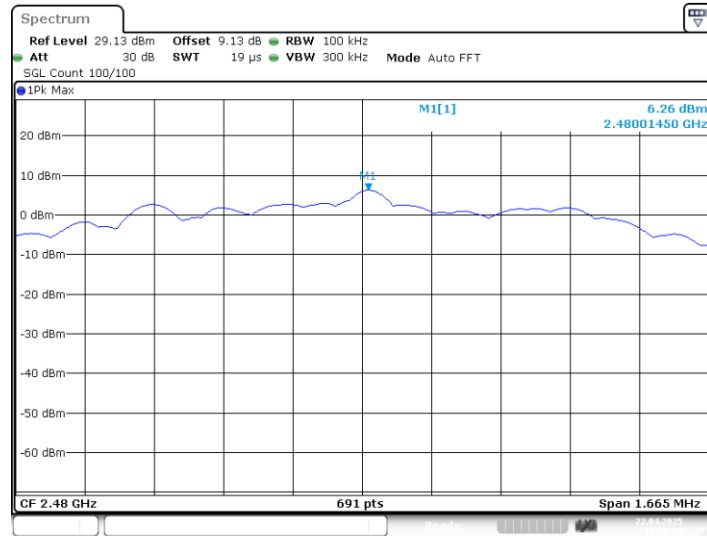
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

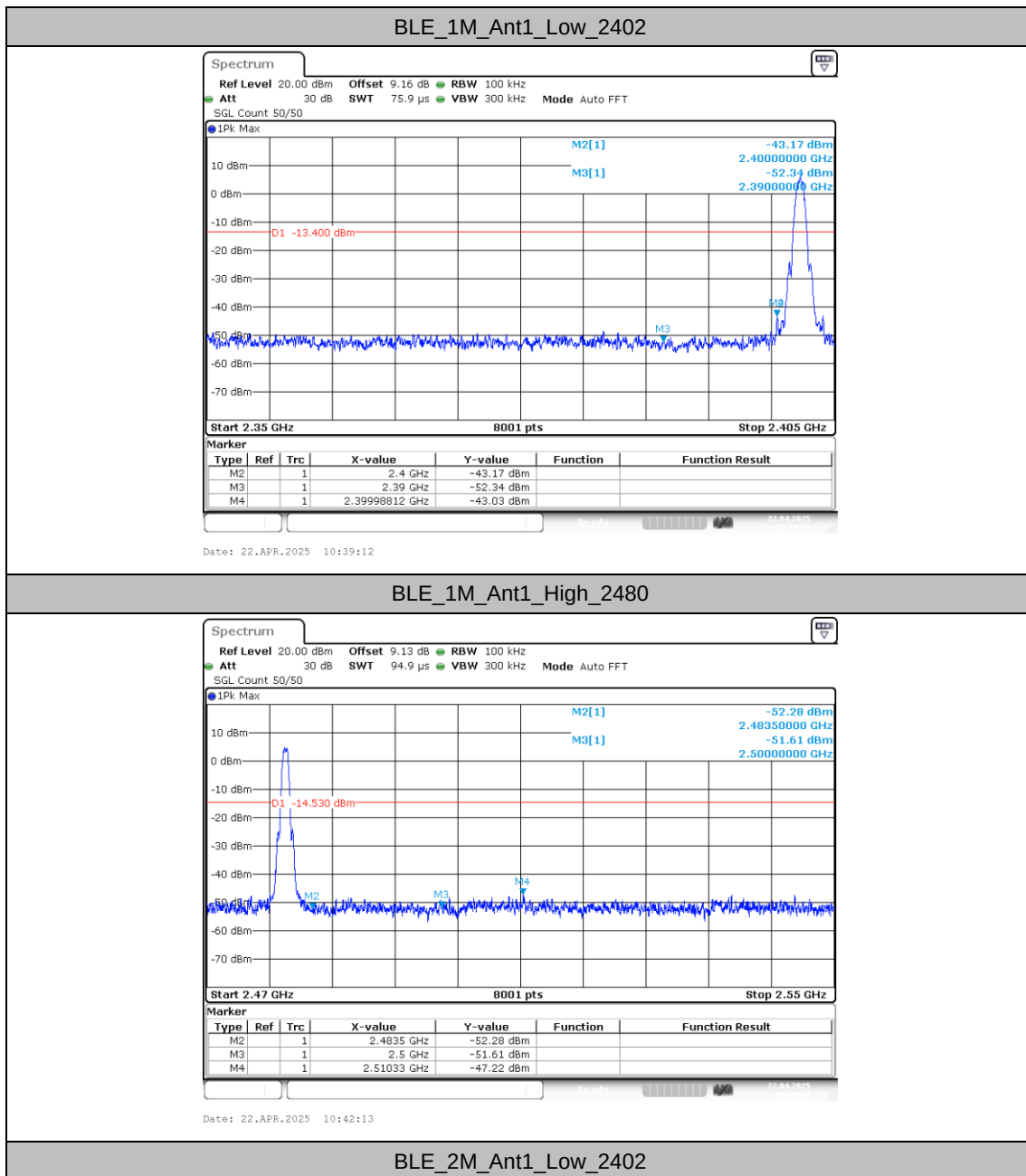


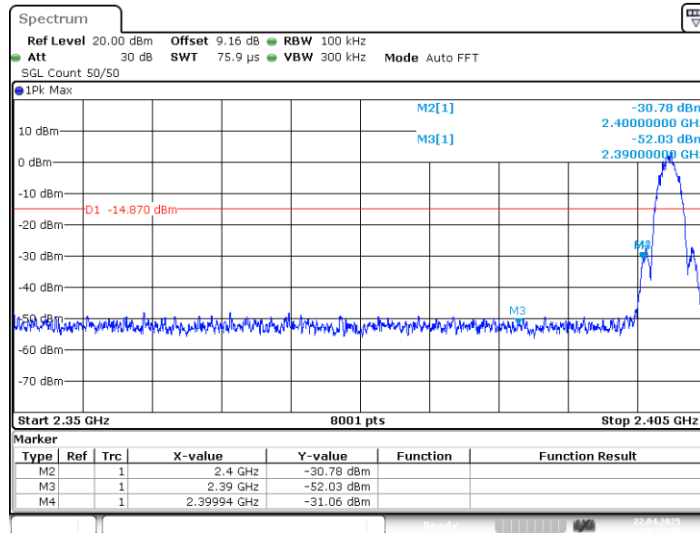
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	6.60	-43.03	≤-13.4	PASS
		High	2480	5.47	-47.22	≤-14.53	PASS
BLE_2M	Ant1	Low	2402	5.13	-31.06	≤-14.87	PASS
		High	2480	6.26	-47.64	≤-13.74	PASS

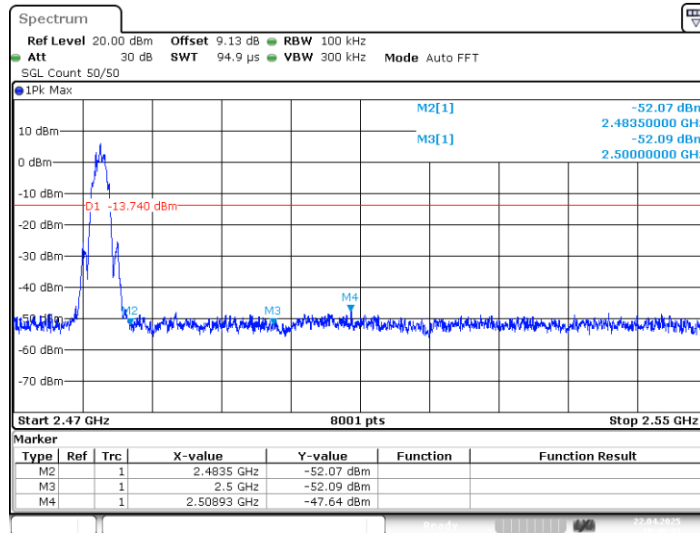
Test Graphs





Date: 22.APR.2025 10:43:57

BLE_2M_Ant1_High_2480



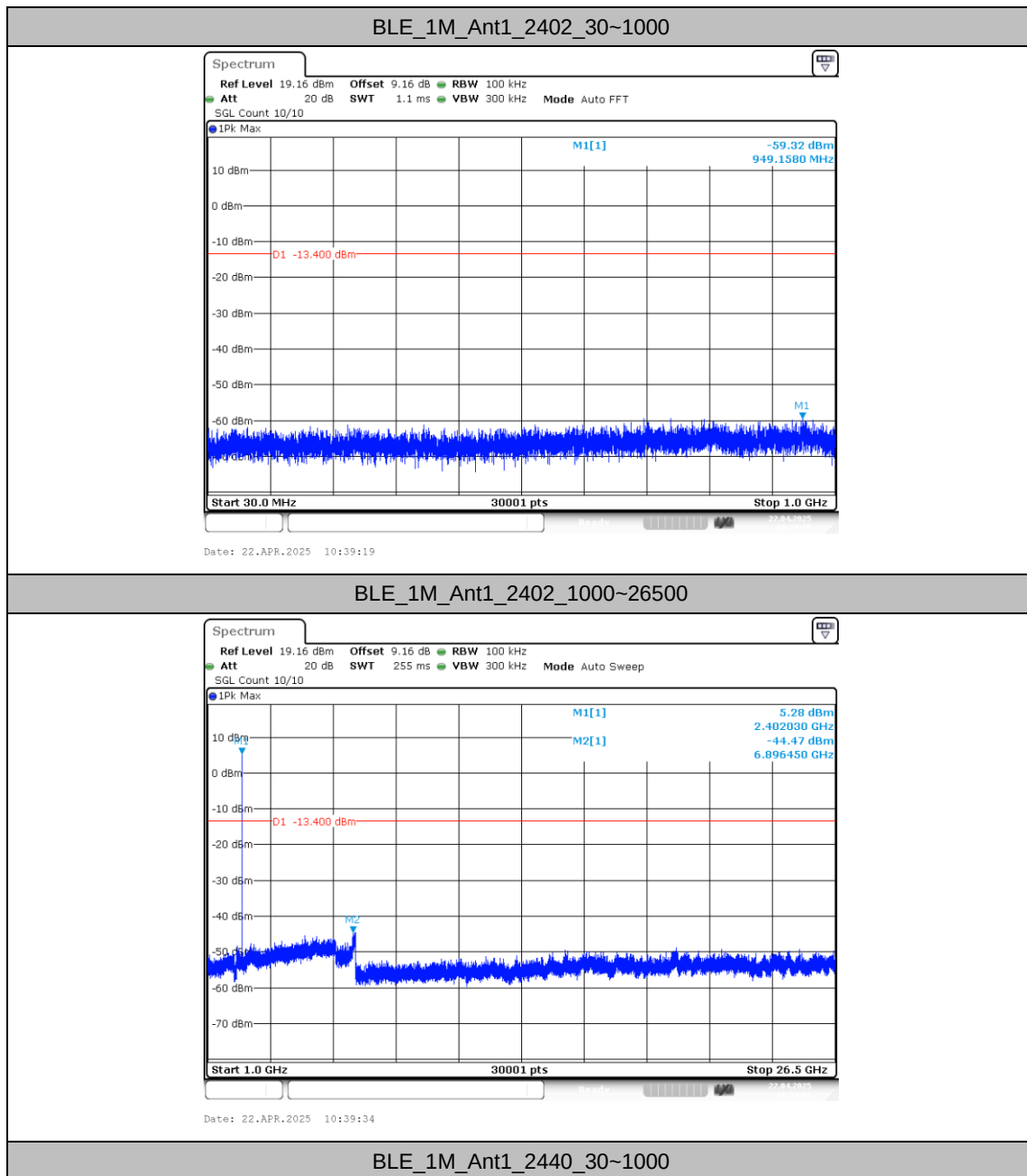
Date: 22.APR.2025 10:46:42

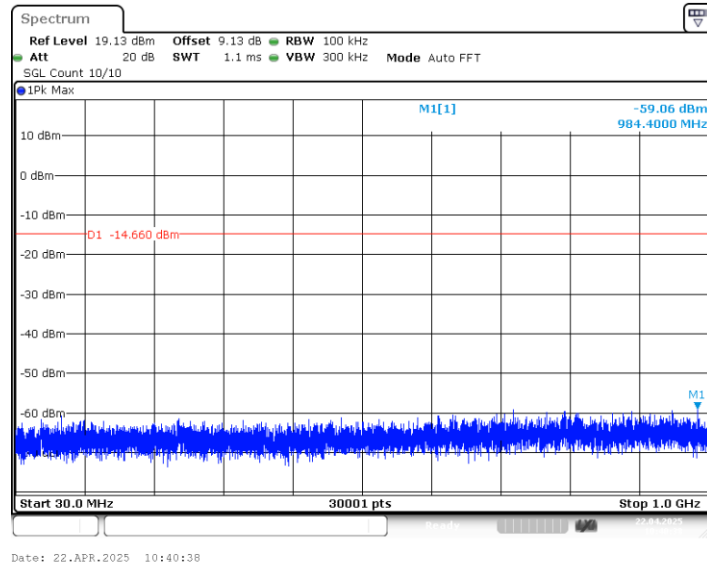
Appendix G: Emissions in non-restricted frequency bands

Test Result

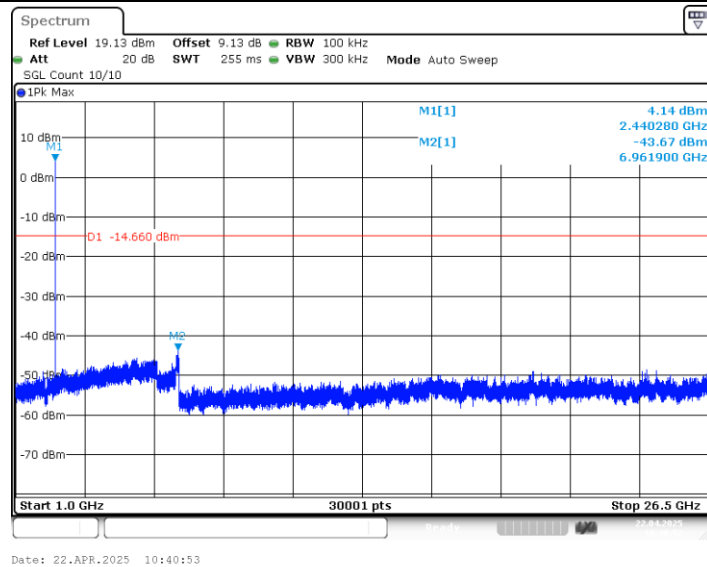
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~1000	6.60	-59.32	≤-13.4	PASS
			1000~26500	6.60	-44.47	≤-13.4	PASS
		2440	30~1000	5.34	-59.06	≤-14.66	PASS
			1000~26500	5.34	-43.67	≤-14.66	PASS
		2480	30~1000	5.47	-59.05	≤-14.53	PASS
			1000~26500	5.47	-43.87	≤-14.53	PASS
BLE_2M	Ant1	2402	30~1000	5.13	-59.68	≤-14.87	PASS
			1000~26500	5.13	-44.96	≤-14.87	PASS
		2440	30~1000	5.59	-59.11	≤-14.41	PASS
			1000~26500	5.59	-44.62	≤-14.41	PASS
		2480	30~1000	6.26	-59.46	≤-13.74	PASS
			1000~26500	6.26	-43.32	≤-13.74	PASS

Test Graphs

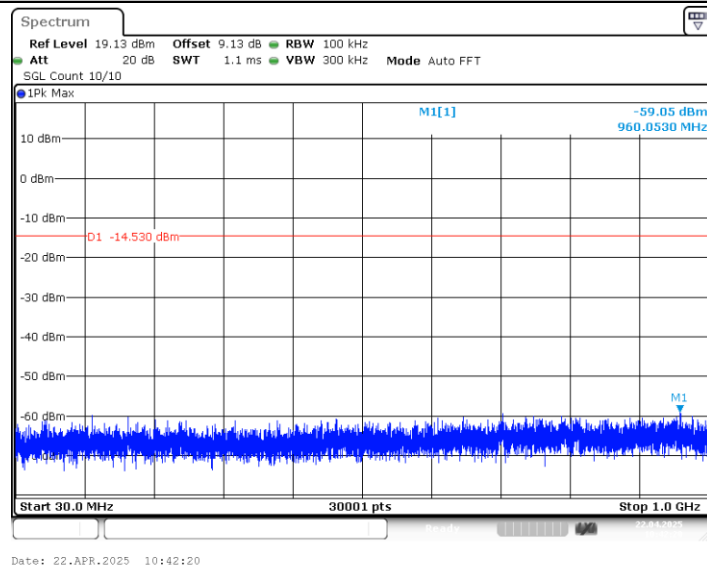




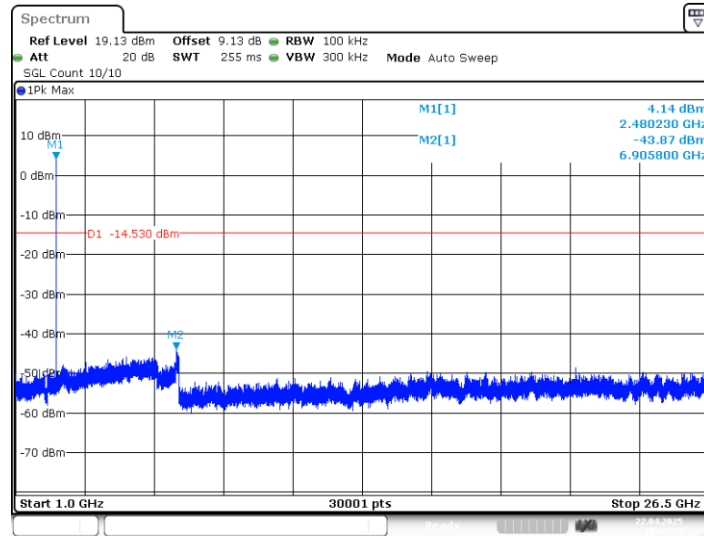
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_30~1000

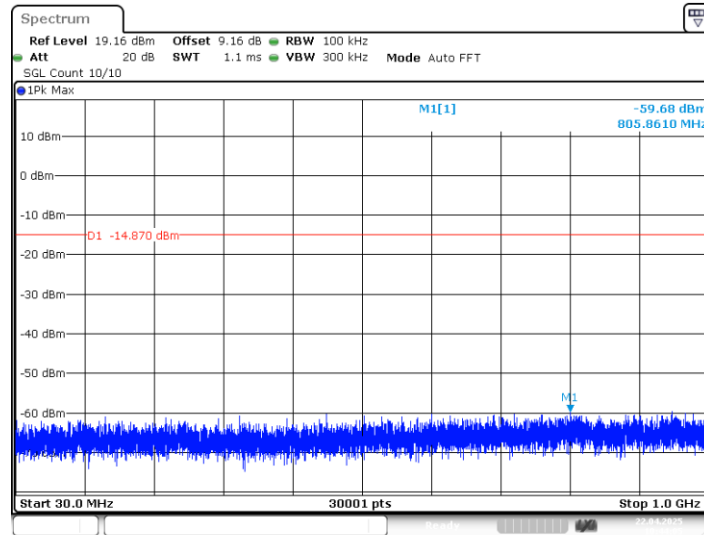


BLE_1M_Ant1_2480_1000~26500



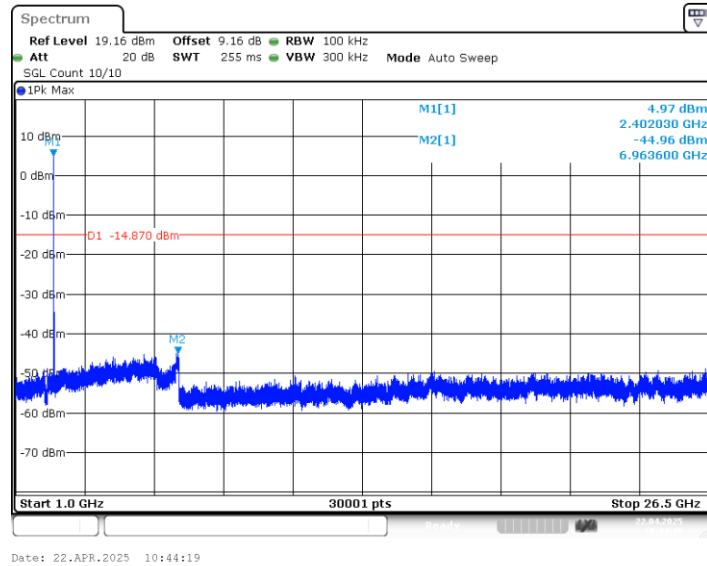
Date: 22.APR.2025 10:42:35

BLE_2M_Ant1_2402_30~1000

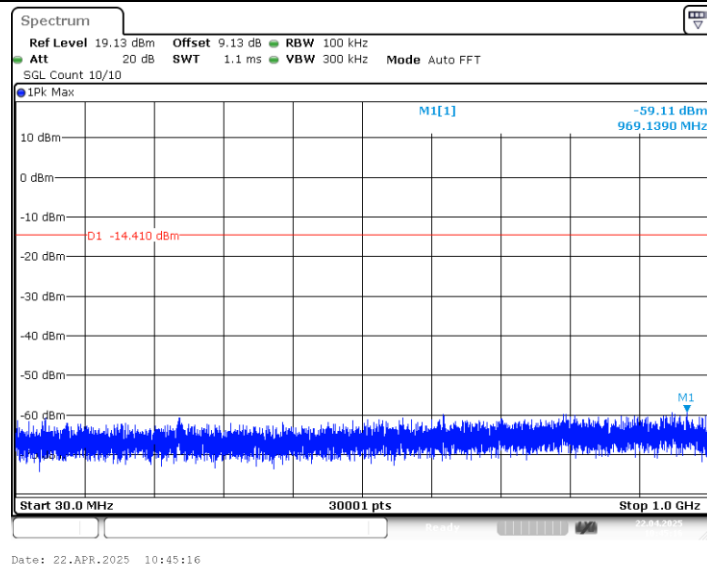


Date: 22.APR.2025 10:44:04

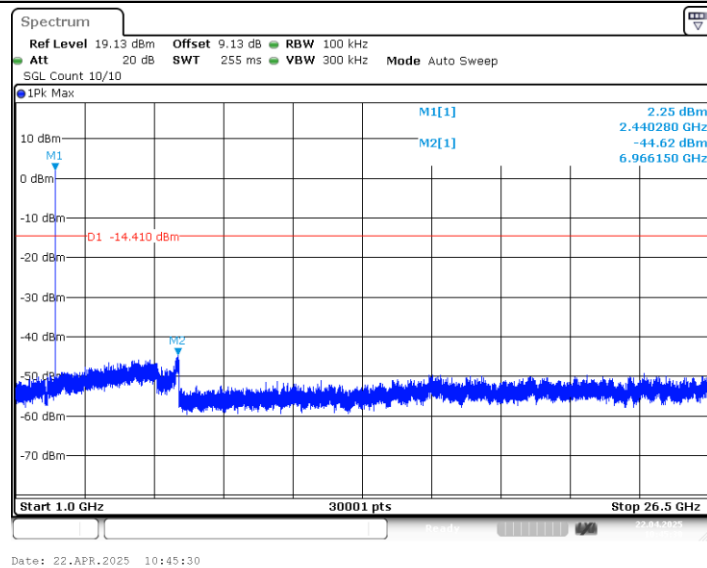
BLE_2M_Ant1_2402_1000~26500



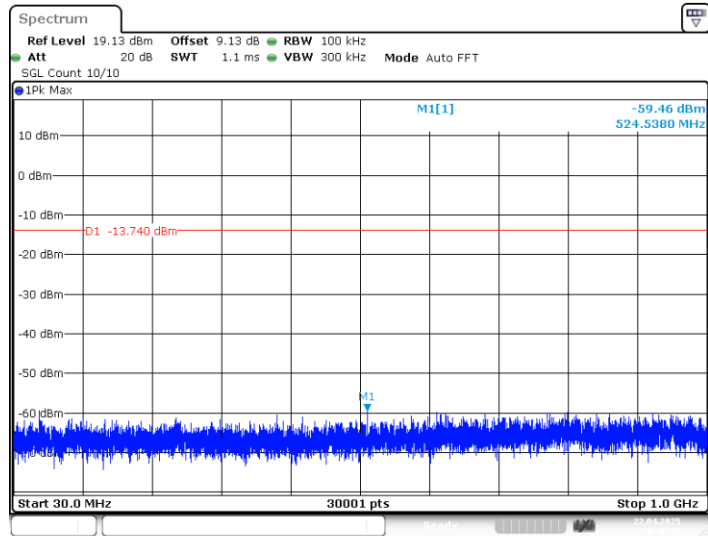
BLE_2M_Ant1_2440_30~1000



BLE_2M_Ant1_2440_1000~26500

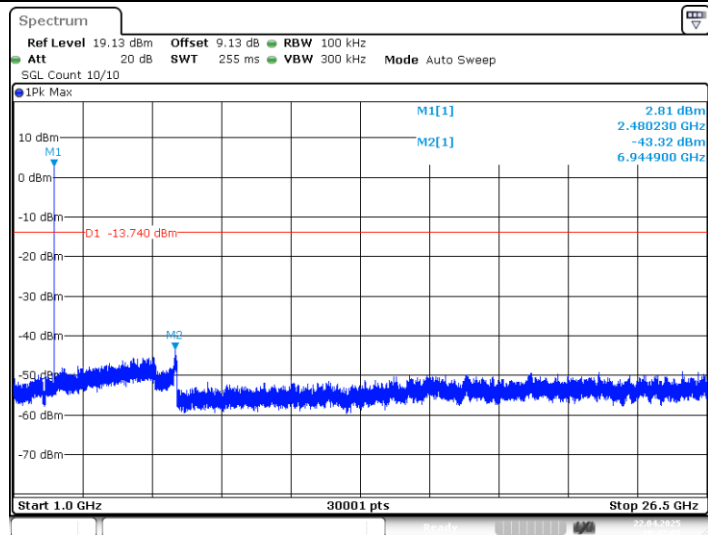


BLE_2M_Ant1_2480_30~1000



Date: 22.APR.2025 10:46:50

BLE_2M_Ant1_2480_1000~26500



Date: 22.APR.2025 10:47:04

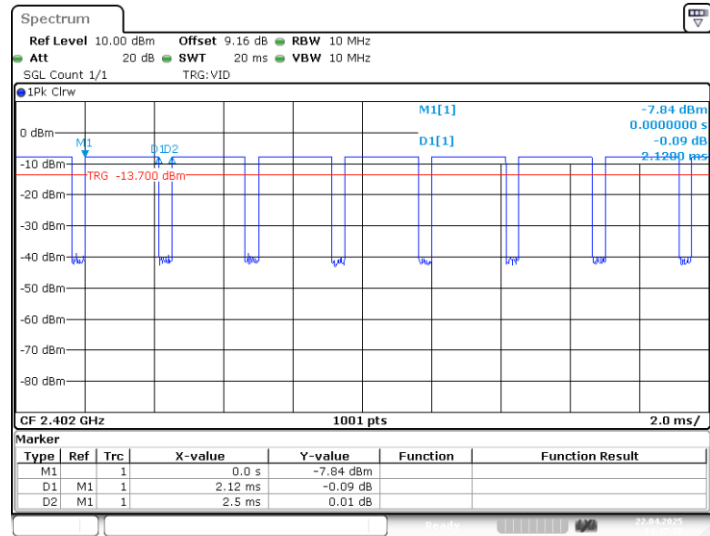
Appendix H: Duty Cycle

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	2.12	2.50	0.8480	84.80	0.72	---	---
		2480	2.12	2.50	0.8480	84.80	0.72	---	---
BLE_2M	Ant1	2402	1.06	1.88	0.5638	56.38	2.49	---	---
		2440	1.06	1.88	0.5638	56.38	2.49	---	---
		2480	1.06	1.88	0.5638	56.38	2.49	---	---

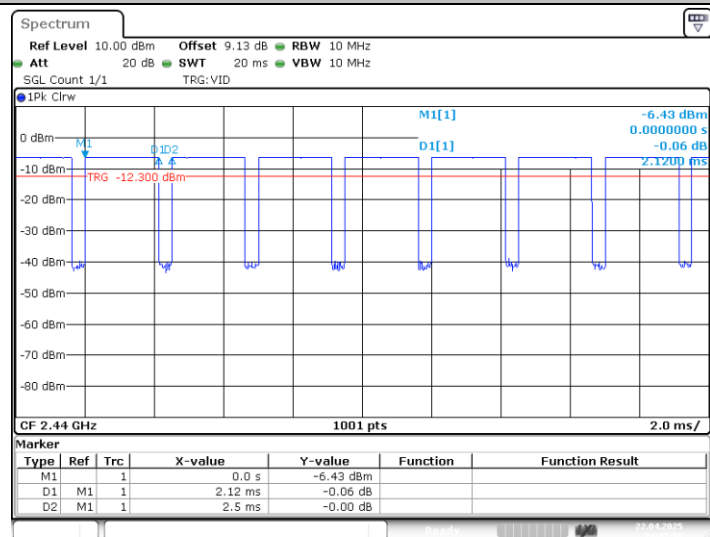
Test Graphs

BLE_1M_Ant1_2402



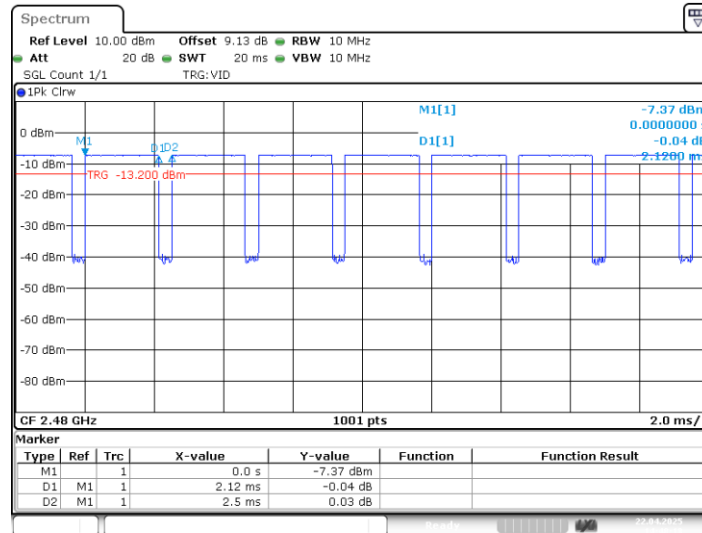
Date: 22.APR.2025 14:47:39

BLE_1M_Ant1_2440



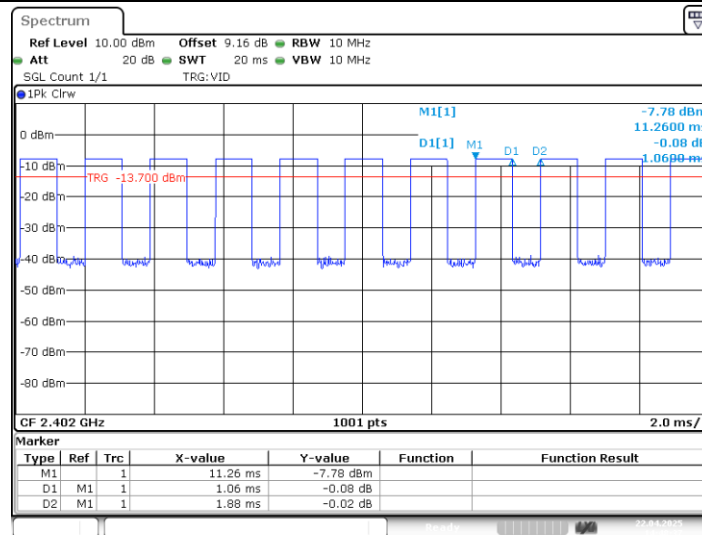
Date: 22.APR.2025 14:47:59

BLE_1M_Ant1_2480



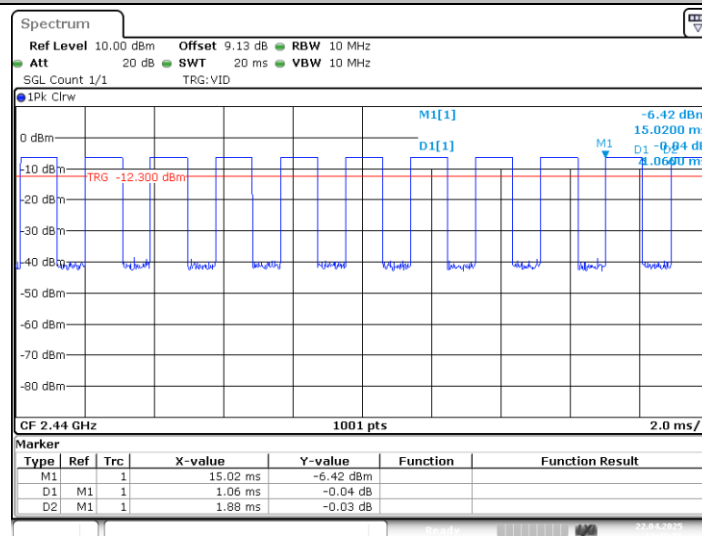
Date: 22.APR.2025 14:48:18

BLE_2M_Ant1_2402



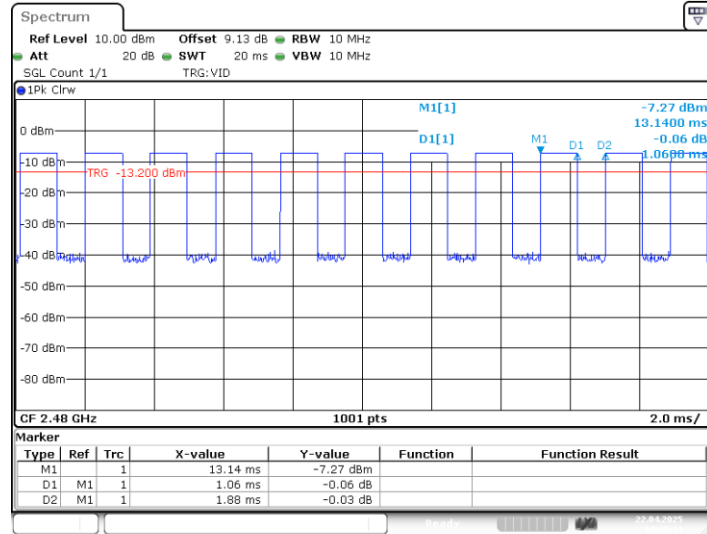
Date: 22.APR.2025 14:48:37

BLE_2M_Ant1_2440



Date: 22.APR.2025 14:48:56

BLE_2M_Ant1_2480



Date: 22.APR.2025 14:49:11

Appendix I: Emissions in Restricted Bands

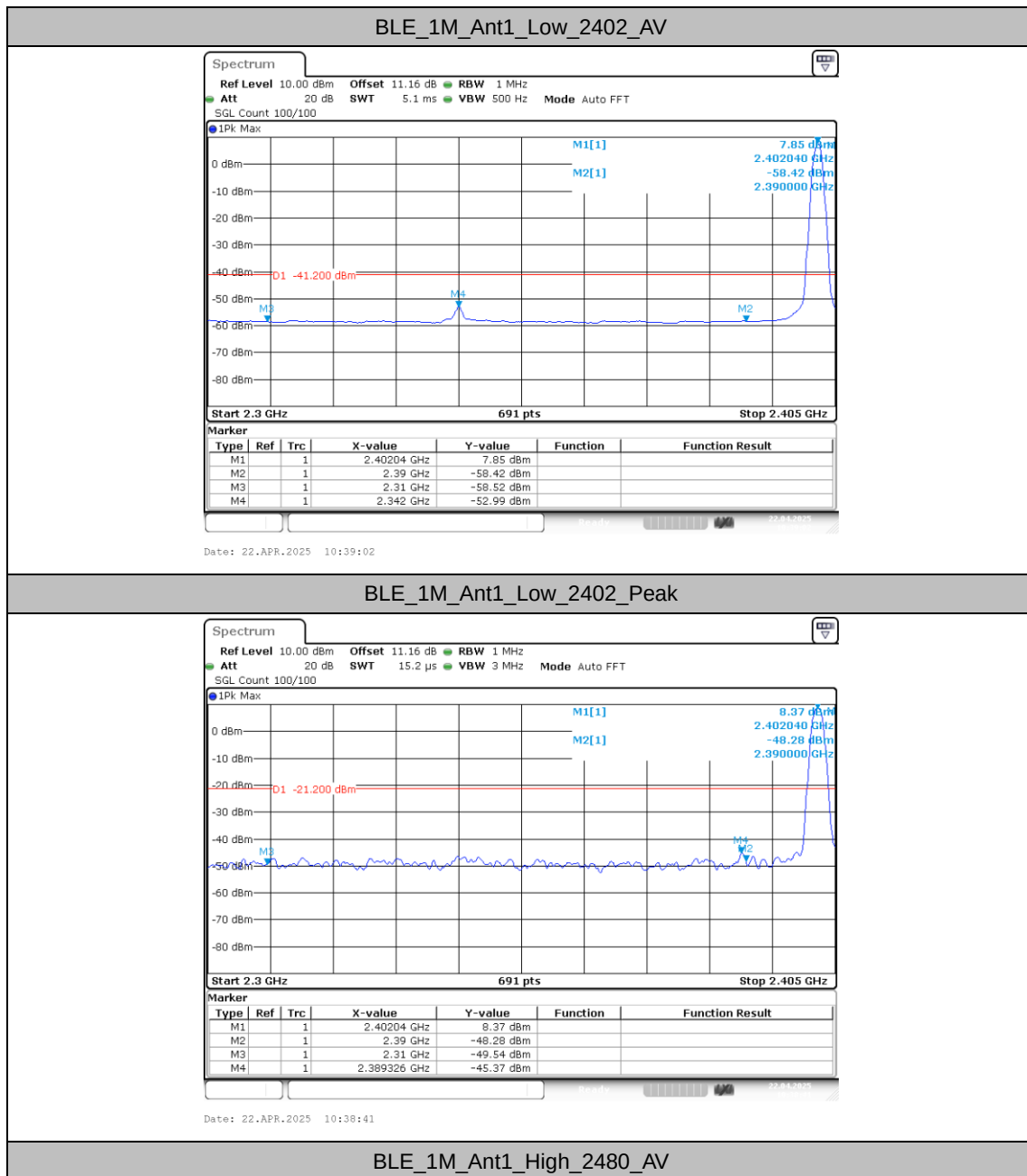
Test Result

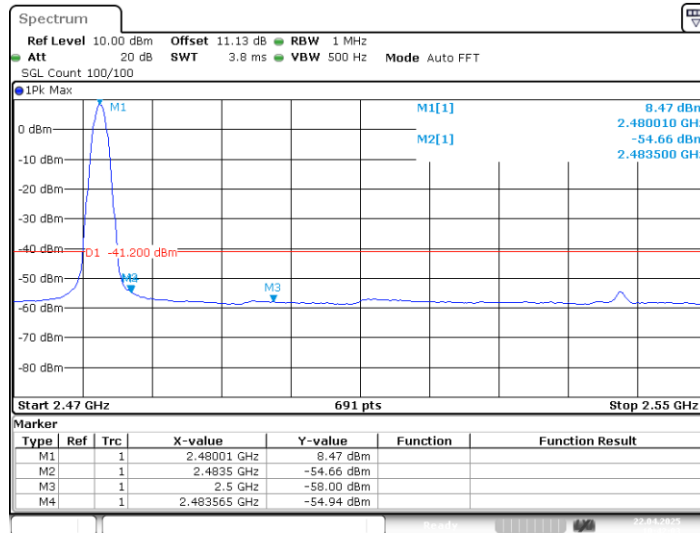
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-58.52	≤-41.20	36.68	≤54	PASS
				AV	2342.000	-52.99	≤-41.20	42.21	≤54	PASS
				AV	2390.000	-58.42	≤-41.20	36.78	≤54	PASS
				Peak	2310.000	-49.54	≤-21.20	45.66	≤74	PASS
				Peak	2389.326	-45.37	≤-21.20	49.83	≤74	PASS
				Peak	2390.000	-48.28	≤-21.20	46.92	≤74	PASS
		High	2480	AV	2483.500	-54.66	≤-41.20	40.54	≤54	PASS
				AV	2483.565	-54.94	≤-41.20	40.26	≤54	PASS
				AV	2500.000	-58	≤-41.20	37.20	≤54	PASS
				Peak	2483.500	-46.54	≤-21.20	48.66	≤74	PASS
				Peak	2483.681	-46.01	≤-21.20	49.19	≤74	PASS
				Peak	2500.000	-49.15	≤-21.20	46.05	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-58.25	≤-41.20	36.95	≤54	PASS
				AV	2341.848	-53.87	≤-41.20	41.33	≤54	PASS
				AV	2390.000	-58.24	≤-41.20	36.96	≤54	PASS
				Peak	2310.000	-47.79	≤-21.20	47.41	≤74	PASS
				Peak	2342.000	-45.75	≤-21.20	49.45	≤74	PASS
				Peak	2390.000	-49.06	≤-21.20	46.14	≤74	PASS
		High	2480	AV	2483.500	-50.01	≤-41.20	45.19	≤54	PASS
				AV	2483.565	-50.87	≤-41.20	44.33	≤54	PASS
				AV	2500.000	-58.2	≤-41.20	37.00	≤54	PASS
				Peak	2483.500	-44.39	≤-21.20	50.81	≤74	PASS
				Peak	2484.261	-44.39	≤-21.20	50.81	≤74	PASS
				Peak	2500.000	-51.15	≤-21.20	44.05	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

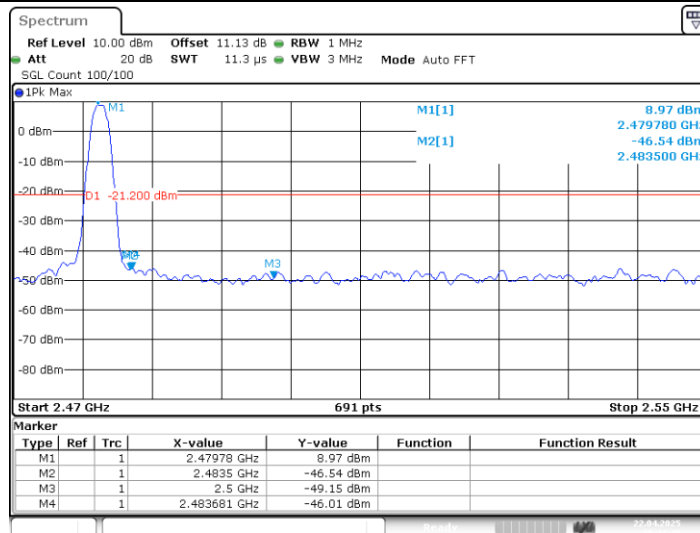
Test Graphs





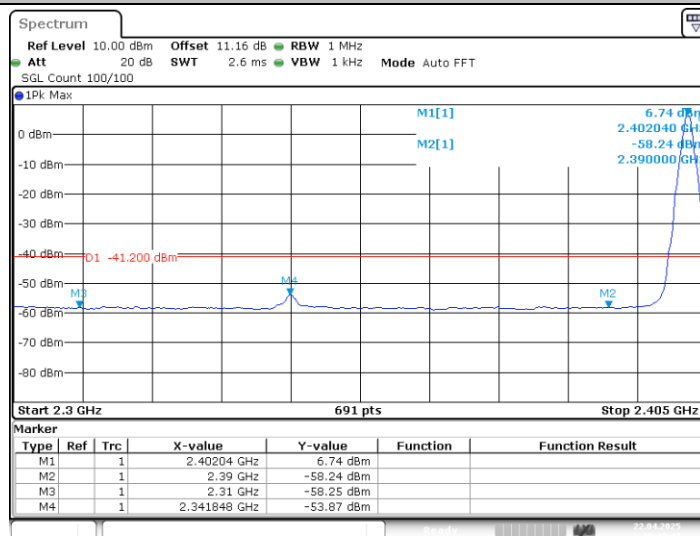
Date: 22.APR.2025 10:42:03

BLE_1M_Ant1_High_2480_Peak



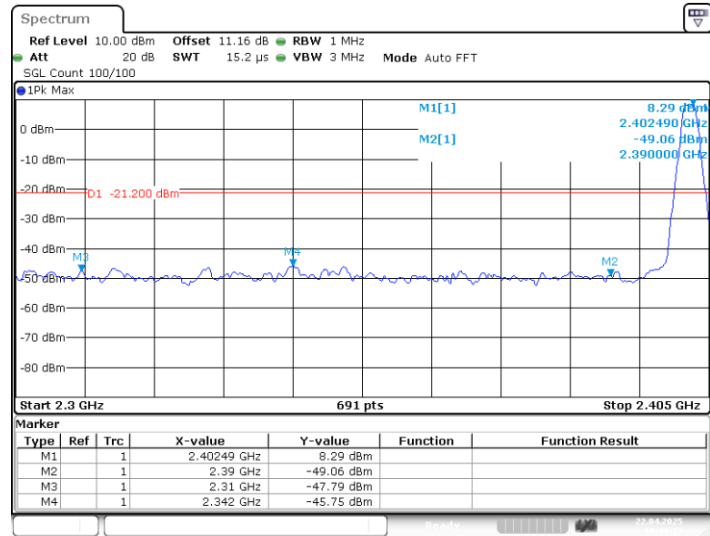
Date: 22.APR.2025 10:41:49

BLE_2M_Ant1_Low_2402_AV



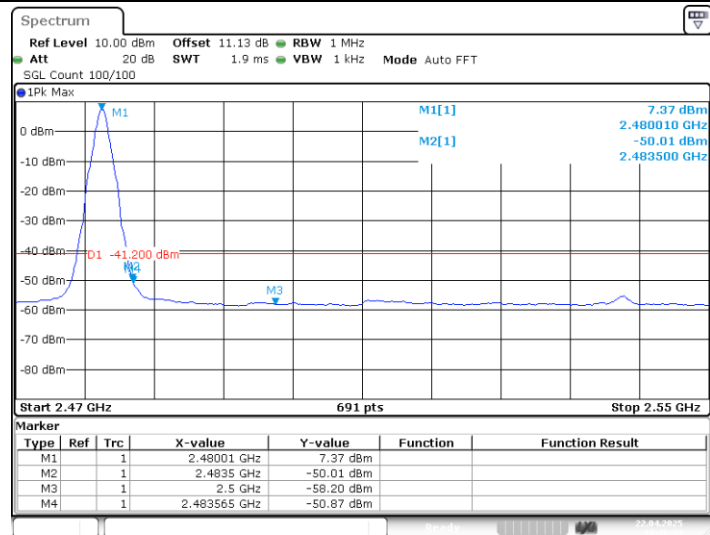
Date: 22.APR.2025 10:43:47

BLE_2M_Ant1_Low_2402_Peak



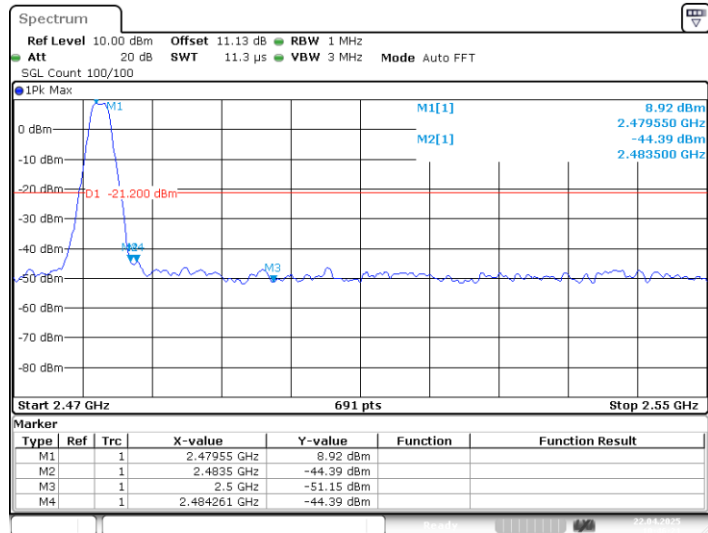
Date: 22.APR.2025 10:43:32

BLE_2M_Ant1_High_2480_AV



Date: 22.APR.2025 10:46:32

BLE_2M_Ant1_High_2480_Peak



Date: 22.APR.2025 10:46:21