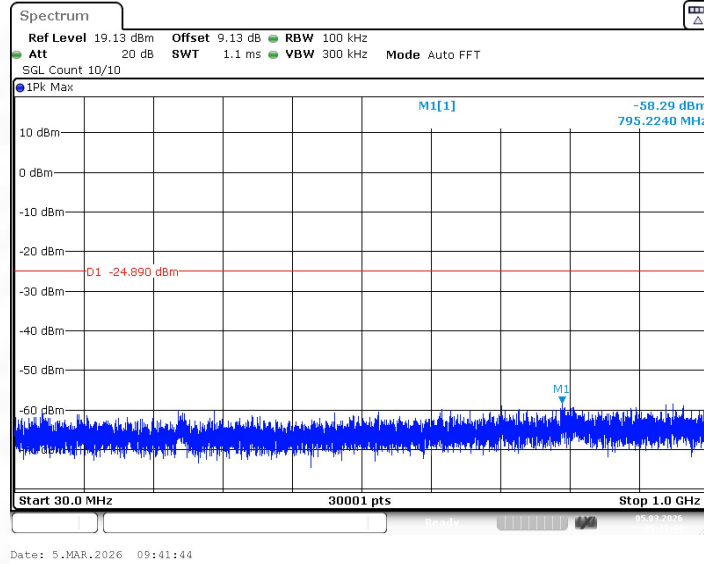
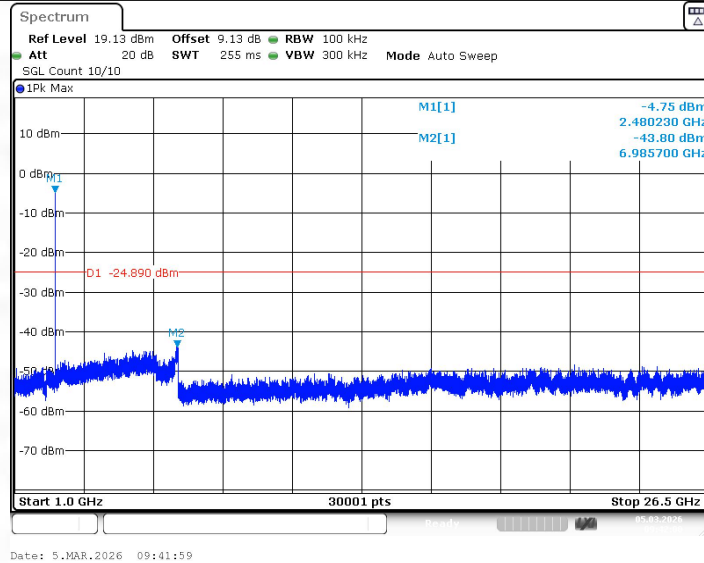




BLE 2M Ant1 2480 1000~26500

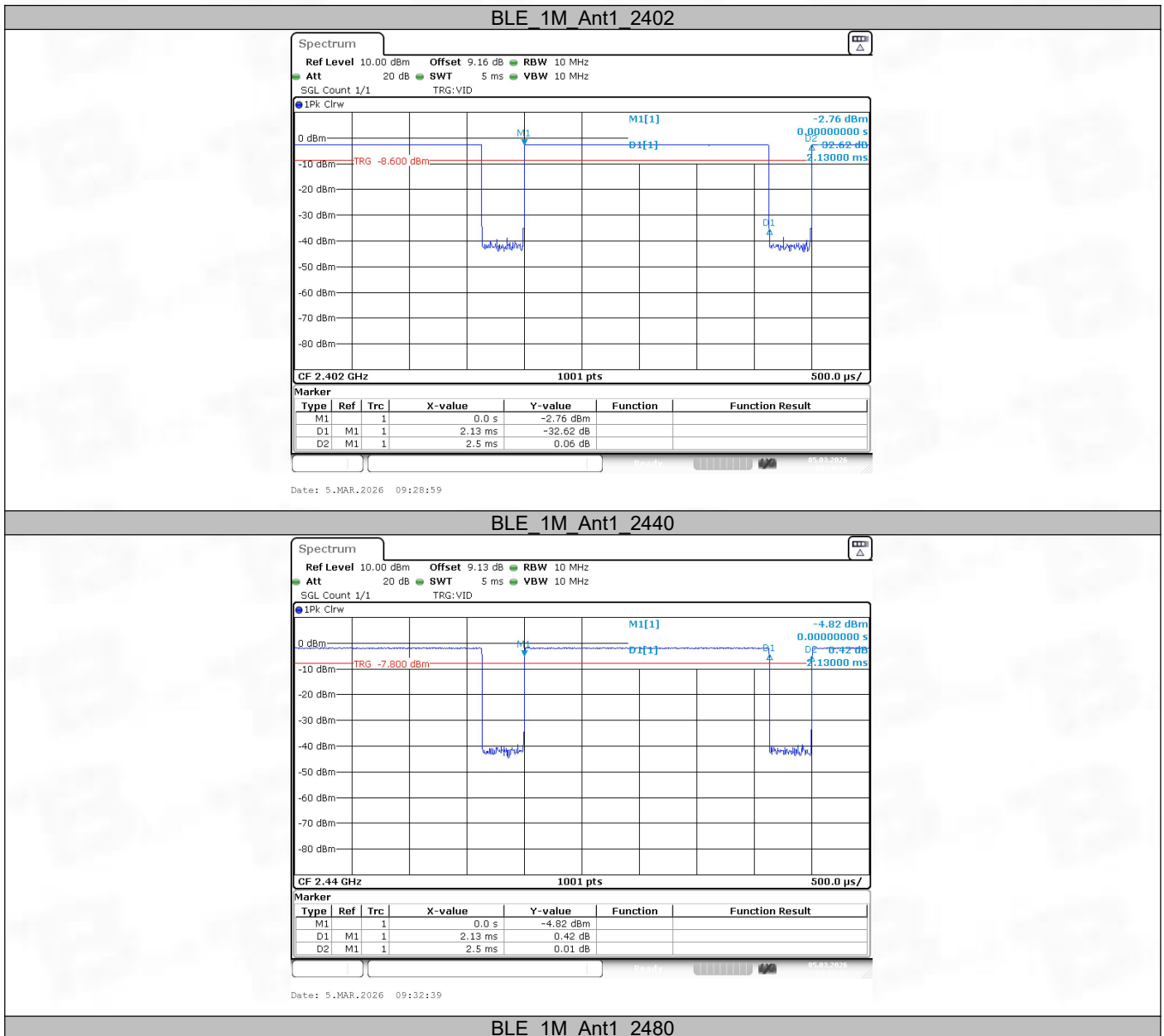


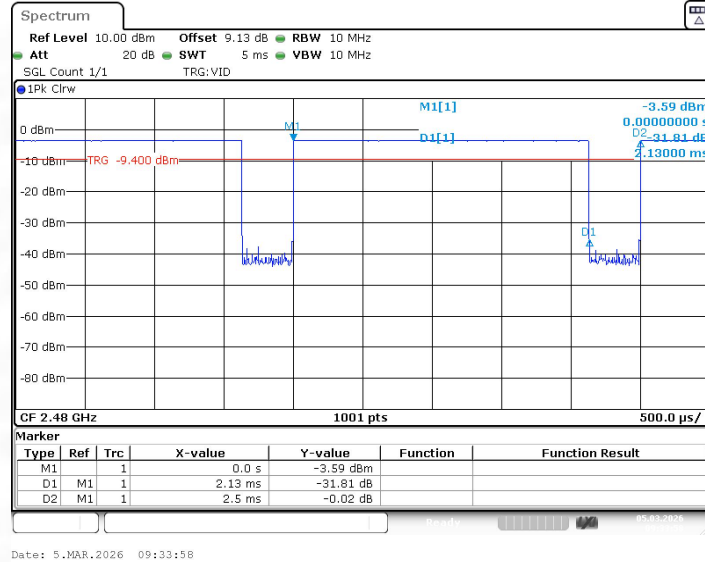
1.8 Appendix H: Duty Cycle

1.8.1 Test Result

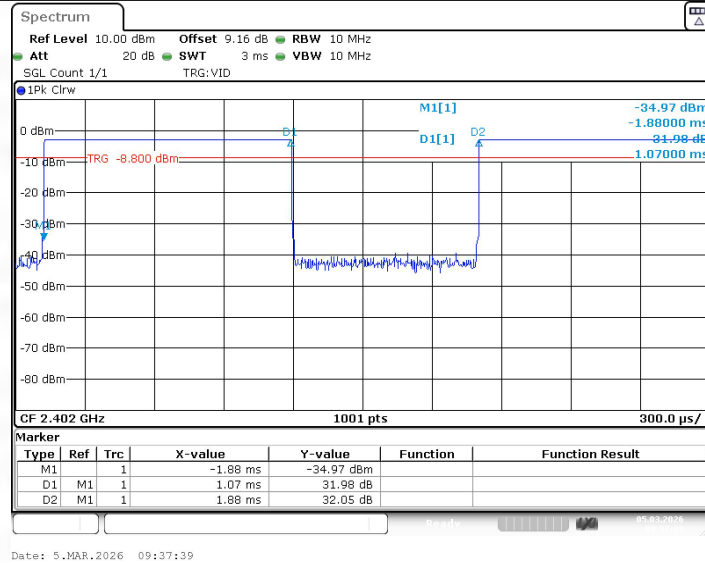
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.13	2.50	0.8520	85.20	0.70	---	---
		2440	2.13	2.50	0.8520	85.20	0.70	---	---
		2480	2.13	2.50	0.8520	85.20	0.70	---	---
BLE_2M	Ant1	2402	1.07	1.88	0.5691	56.91	2.45	---	---
		2440	1.07	1.88	0.5691	56.91	2.45	---	---
		2480	1.07	1.88	0.5691	56.91	2.45	---	---

1.8.2 Test Graphs

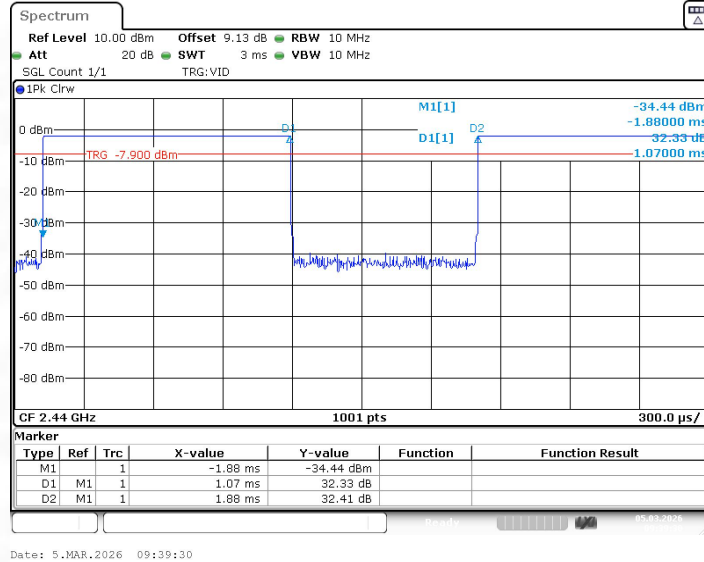




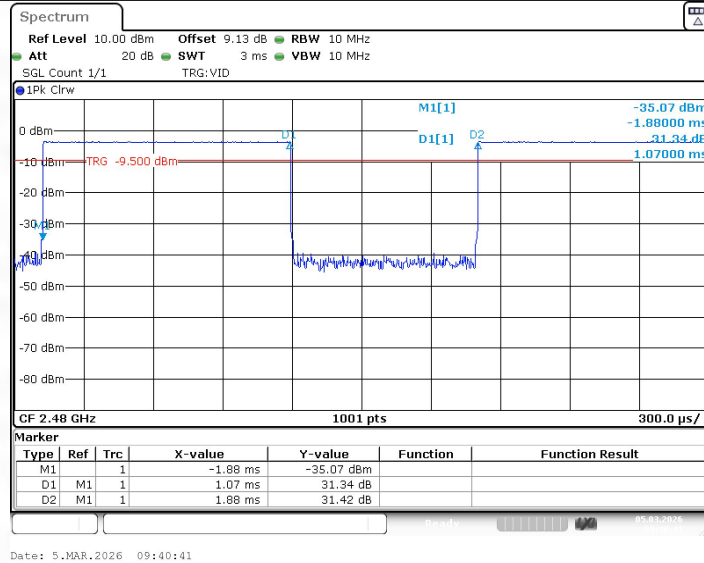
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1_2480



1.9 Appendix I: Emissions in Restricted Bands

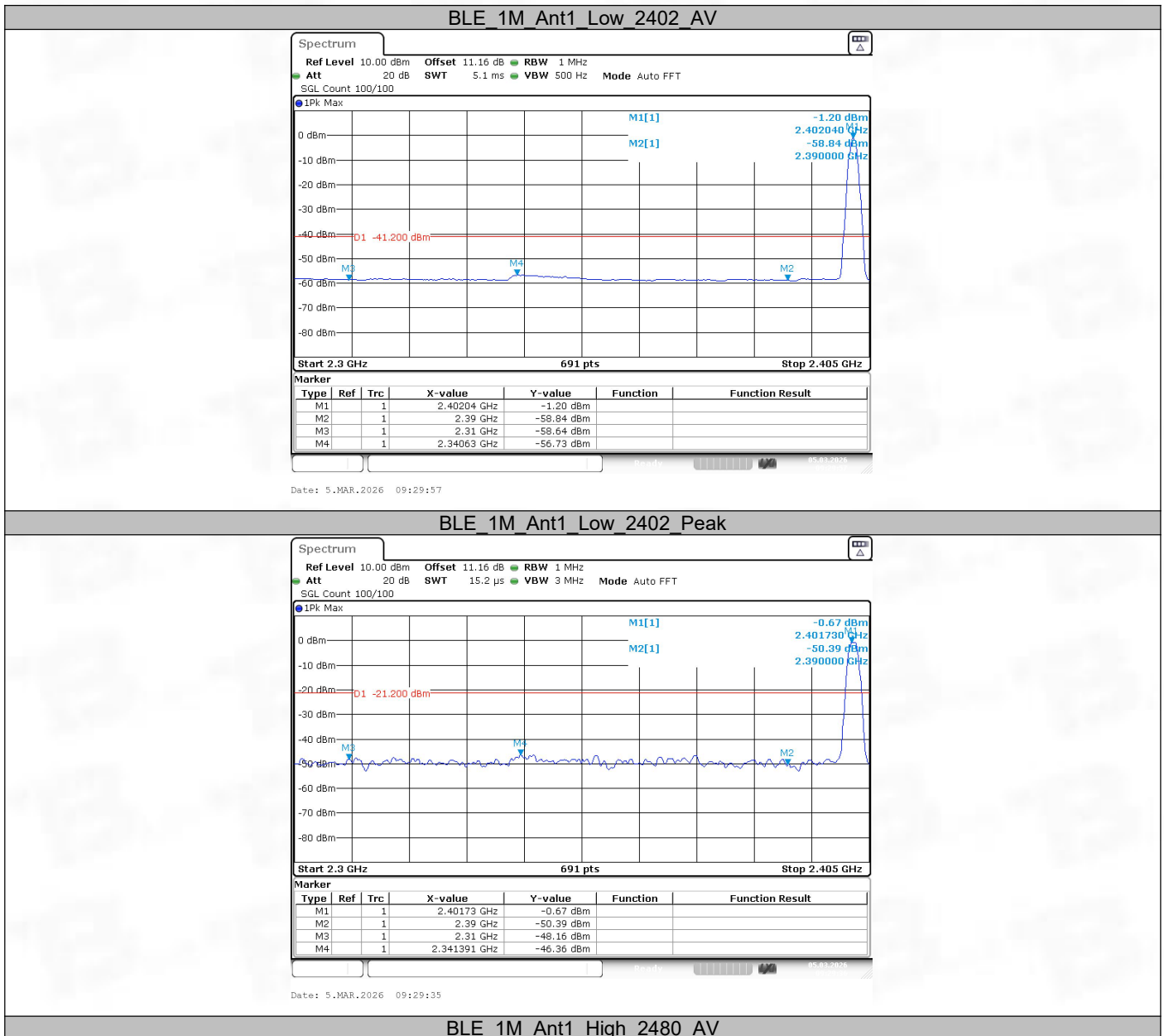
1.9.1 Test Result

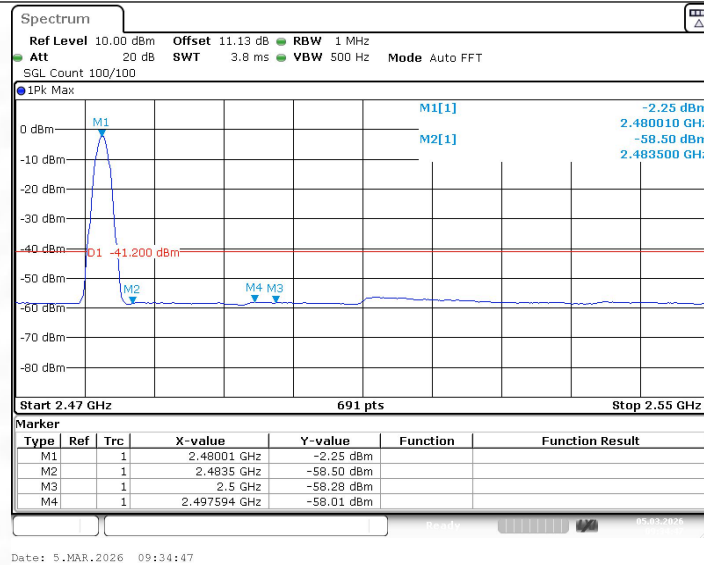
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]
BLE_1M	Ant1	Low	2402	AV	2310.000	-58.64	≤-41.20	36.56	≤54
				AV	2340.630	-56.73	≤-41.20	38.47	≤54
				AV	2390.000	-58.84	≤-41.20	36.36	≤54
				Peak	2310.000	-48.16	≤-21.20	47.04	≤74
				Peak	2341.391	-46.36	≤-21.20	48.84	≤74
				Peak	2390.000	-50.39	≤-21.20	44.81	≤74
		High	2480	AV	2483.500	-58.5	≤-41.20	36.70	≤54
				AV	2497.594	-58.01	≤-41.20	37.19	≤54
				AV	2500.000	-58.28	≤-41.20	36.92	≤54
				Peak	2483.500	-51.59	≤-21.20	43.61	≤74
				Peak	2493.768	-47.12	≤-21.20	48.08	≤74
BLE_2M	Ant1	Low	2402	Peak	2500.000	-48.55	≤-21.20	46.65	≤74
				AV	2310.000	-58.1	≤-41.20	37.10	≤54
				AV	2340.630	-56.32	≤-41.20	38.88	≤54
				AV	2390.000	-58.69	≤-41.20	36.51	≤54
				Peak	2310.000	-48.47	≤-21.20	46.73	≤74
				Peak	2344.130	-45.74	≤-21.20	49.46	≤74
				Peak	2390.000	-49.78	≤-21.20	45.42	≤74
		High	2480	AV	2483.500	-57.49	≤-41.20	37.71	≤54
				AV	2497.942	-57.69	≤-41.20	37.51	≤54
				AV	2500.000	-58.2	≤-41.20	37.00	≤54
				Peak	2483.500	-51.54	≤-21.20	43.66	≤74
				Peak	2487.971	-48.21	≤-21.20	46.99	≤74
				Peak	2500.000	-49.8	≤-21.20	45.40	≤74

Note:

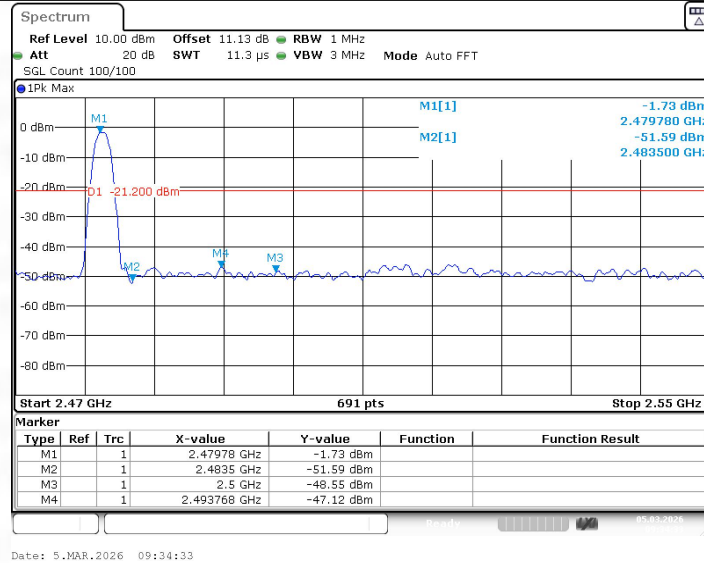
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

1.9.2 Test Graphs

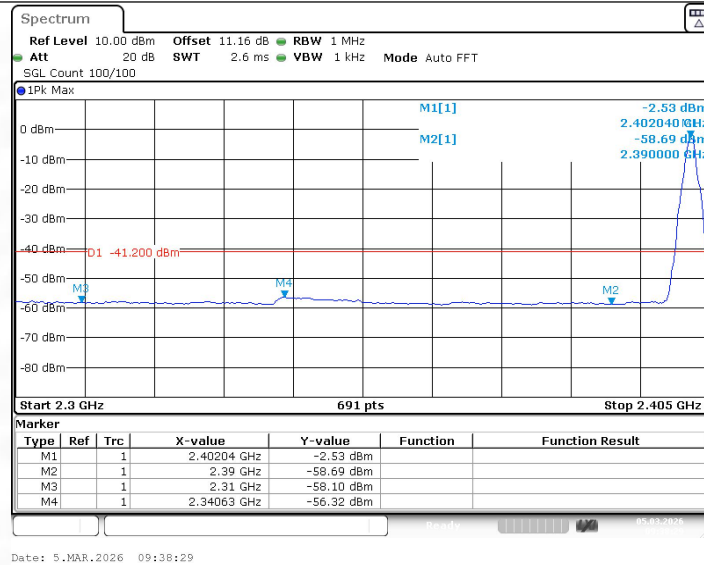




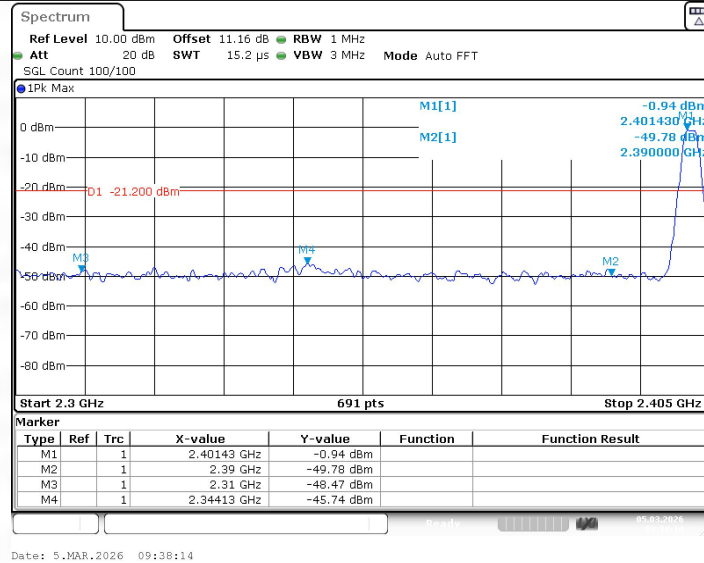
BLE 1M Ant1 High 2480 Peak



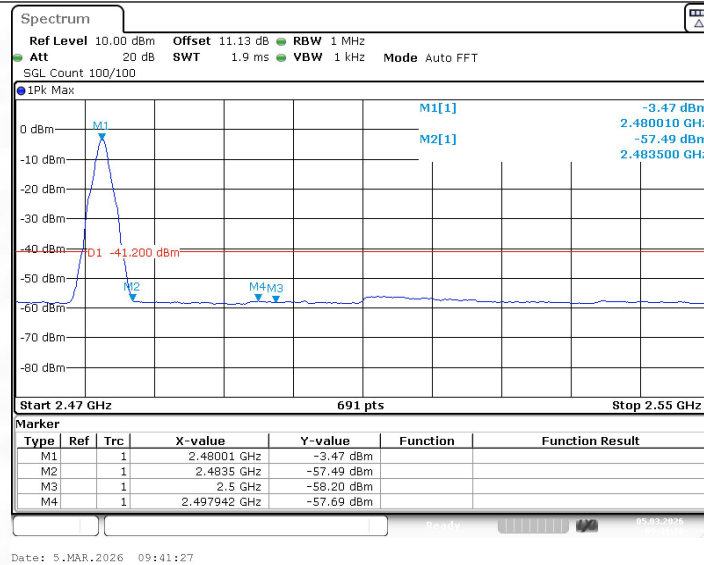
BLE 2M Ant1 Low 2402 AV



BLE 2M Ant1 Low 2402 Peak



BLE 2M Ant1 High 2480 AV



BLE 2M Ant1 High 2480 Peak

