

1.9 Appendix I: Emissions in Restricted Bands

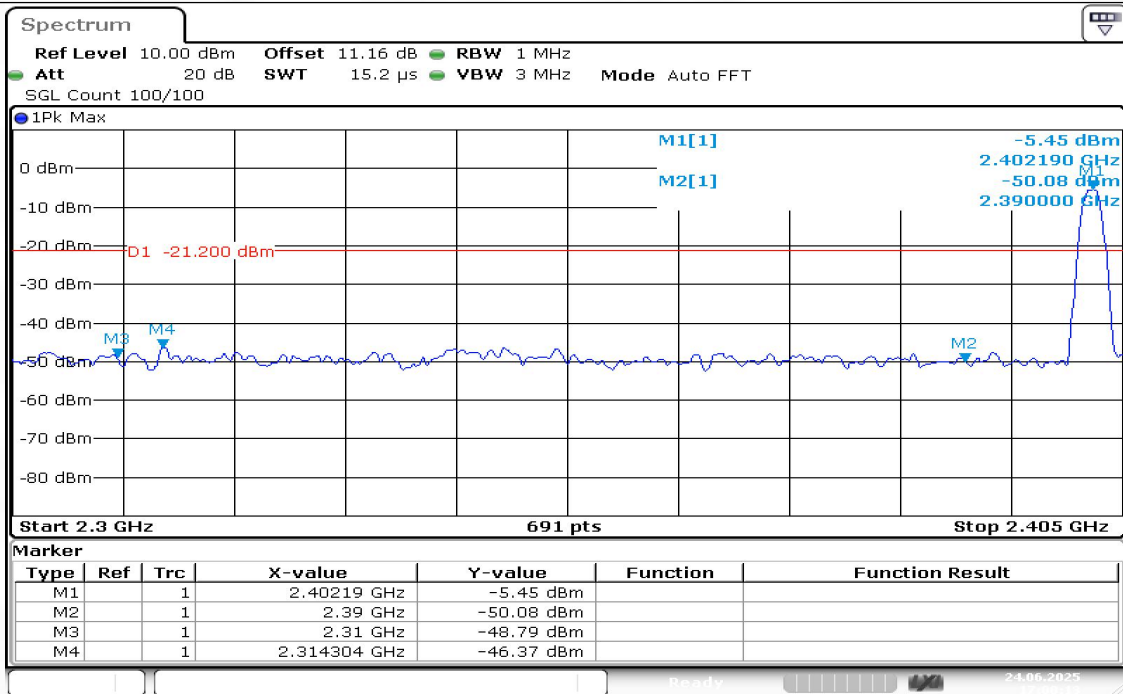
1.9.1 Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]
BLE_1M	Ant1	Low	2402	Peak	2390.000	-50.08	≤-21.20	45.12	≤74
BLE_1M	Ant1	Low	2402	Peak	2310.000	-48.79	≤-21.20	46.41	≤74
BLE_1M	Ant1	Low	2402	Peak	2314.304	-46.37	≤-21.20	48.83	≤74
BLE_1M	Ant1	Low	2402	AV	2390.000	-59.09	≤-41.20	36.11	≤54
BLE_1M	Ant1	Low	2402	AV	2310.000	-58.42	≤-41.20	36.78	≤54
BLE_1M	Ant1	Low	2402	AV	2340.935	-56.93	≤-41.20	38.27	≤54
BLE_1M	Ant1	High	2480	Peak	2483.500	-51.43	≤-21.20	43.77	≤74
BLE_1M	Ant1	High	2480	Peak	2500.000	-49.5	≤-21.20	45.70	≤74
BLE_1M	Ant1	High	2480	Peak	2498.058	-47.33	≤-21.20	47.87	≤74
BLE_1M	Ant1	High	2480	AV	2483.500	-58.71	≤-41.20	36.49	≤54
BLE_1M	Ant1	High	2480	AV	2500.000	-58.34	≤-41.20	36.86	≤54
BLE_1M	Ant1	High	2480	AV	2498.290	-57.93	≤-41.20	37.27	≤54
BLE_2M	Ant1	Low	2402	Peak	2390.000	-51.19	≤-21.20	44.01	≤74
BLE_2M	Ant1	Low	2402	Peak	2310.000	-48.77	≤-21.20	46.43	≤74
BLE_2M	Ant1	Low	2402	Peak	2349.000	-45.01	≤-21.20	50.19	≤74
BLE_2M	Ant1	Low	2402	AV	2390.000	-58.78	≤-41.20	36.42	≤54
BLE_2M	Ant1	Low	2402	AV	2310.000	-58.52	≤-41.20	36.68	≤54
BLE_2M	Ant1	Low	2402	AV	2341.543	-56.7	≤-41.20	38.50	≤54
BLE_2M	Ant1	High	2480	Peak	2483.500	-50.9	≤-21.20	44.30	≤74
BLE_2M	Ant1	High	2480	Peak	2500.000	-48.65	≤-21.20	46.55	≤74
BLE_2M	Ant1	High	2480	Peak	2492.261	-47.15	≤-21.20	48.05	≤74
BLE_2M	Ant1	High	2480	AV	2483.500	-57.93	≤-41.20	37.27	≤54
BLE_2M	Ant1	High	2480	AV	2500.000	-58.23	≤-41.20	36.97	≤54
BLE_2M	Ant1	High	2480	AV	2499.217	-57.72	≤-41.20	37.48	≤54

Note:

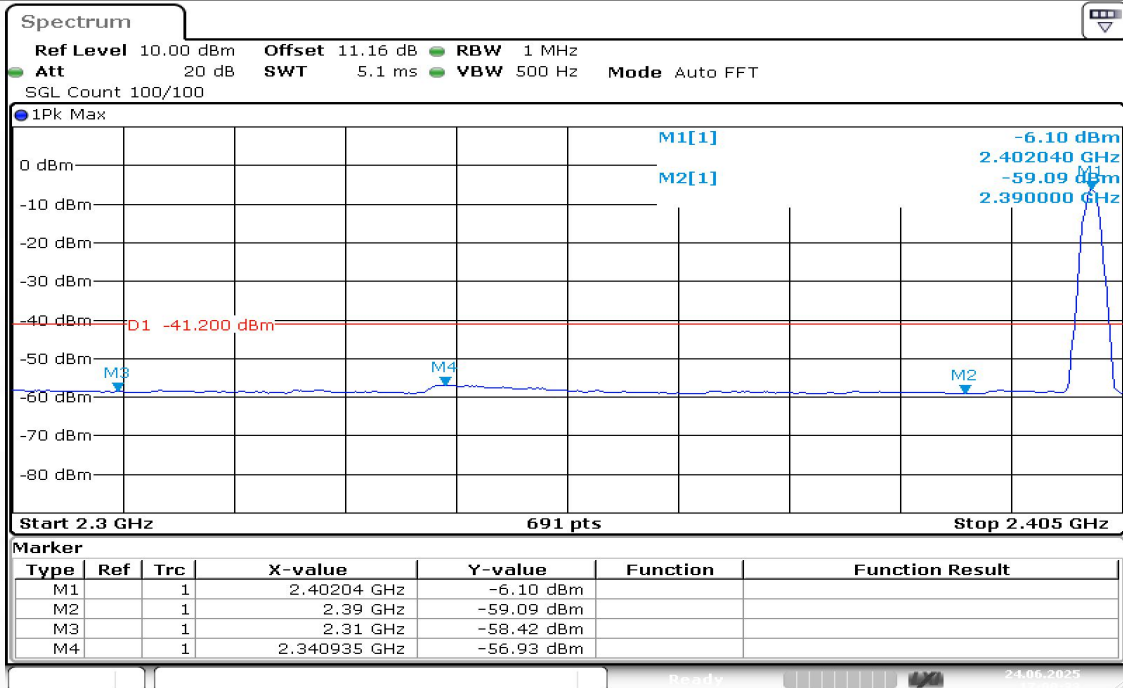
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

1.9.2 Test Graphs



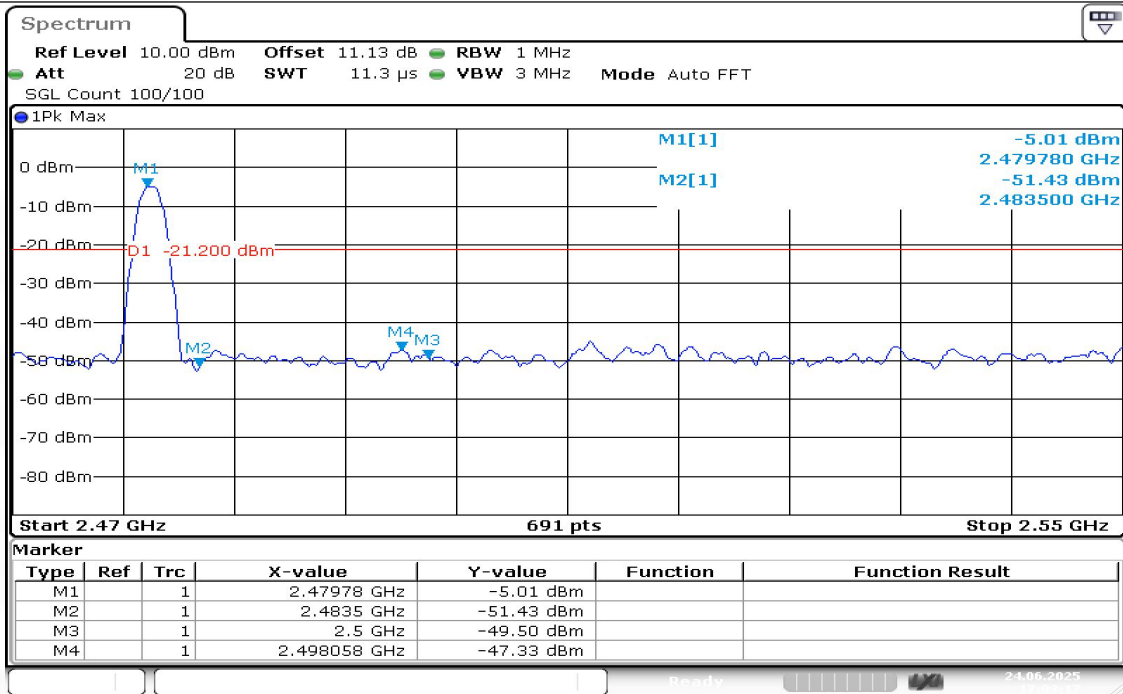
Date: 24.JUN.2025 17:00:13

BLE_1M-Ant1-2402-PASS



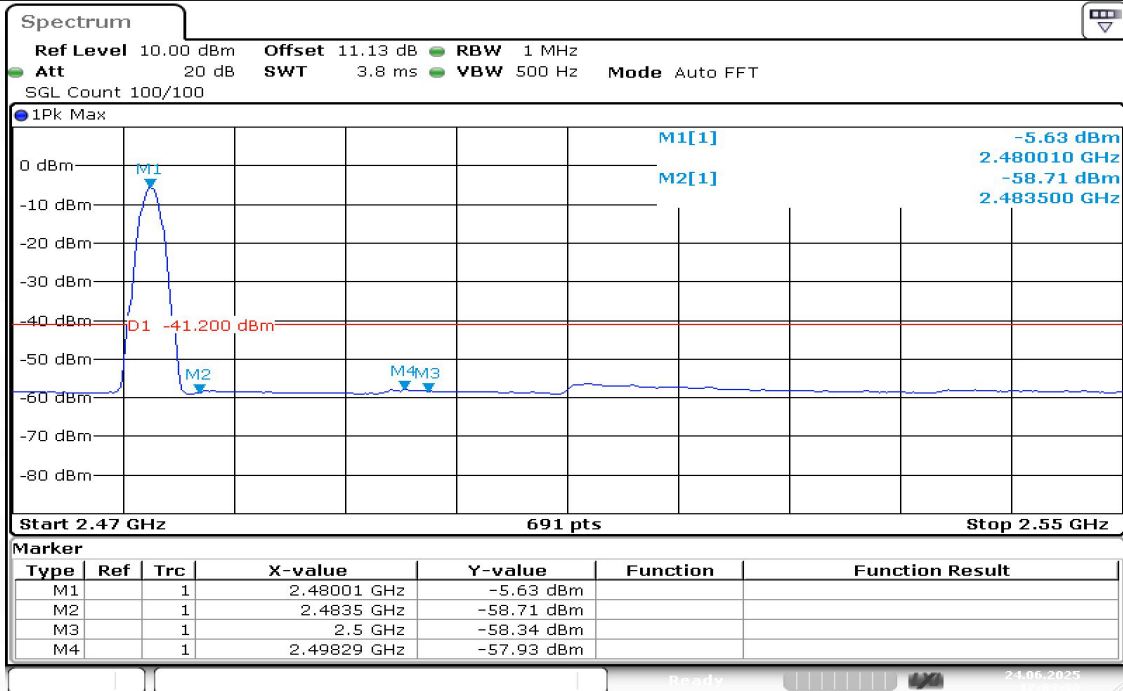
Date: 24.JUN.2025 17:00:33

BLE_1M-Ant1-2402-PASS



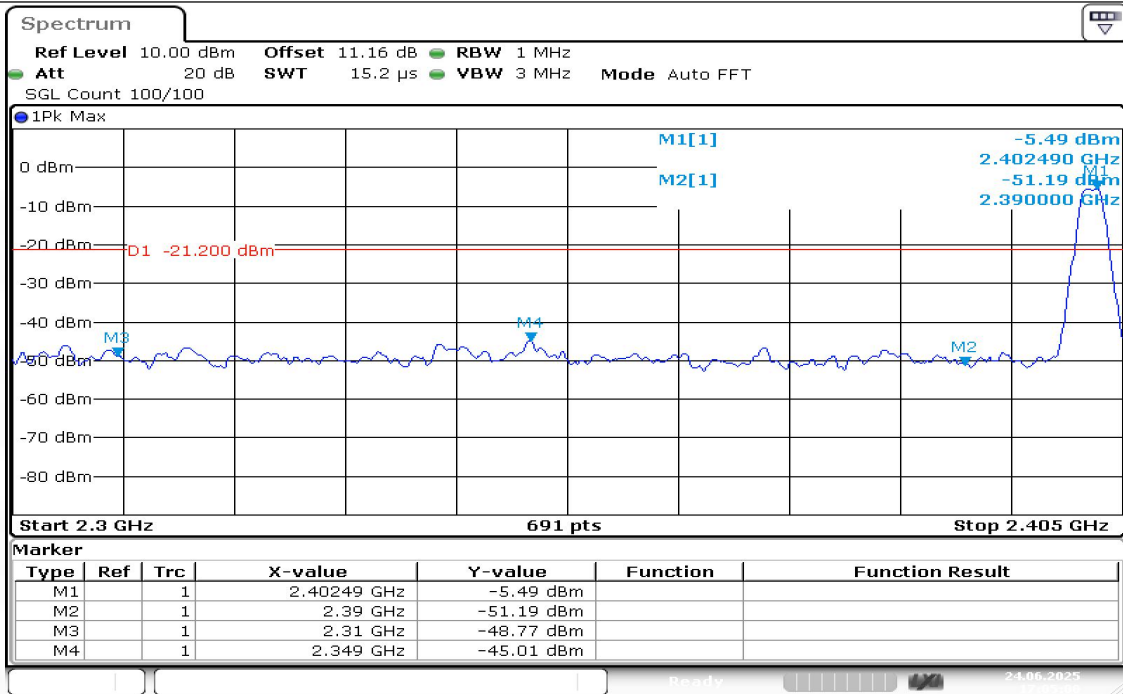
Date: 24.JUN.2025 17:03:16

BLE_1M-Ant1-2480-PASS



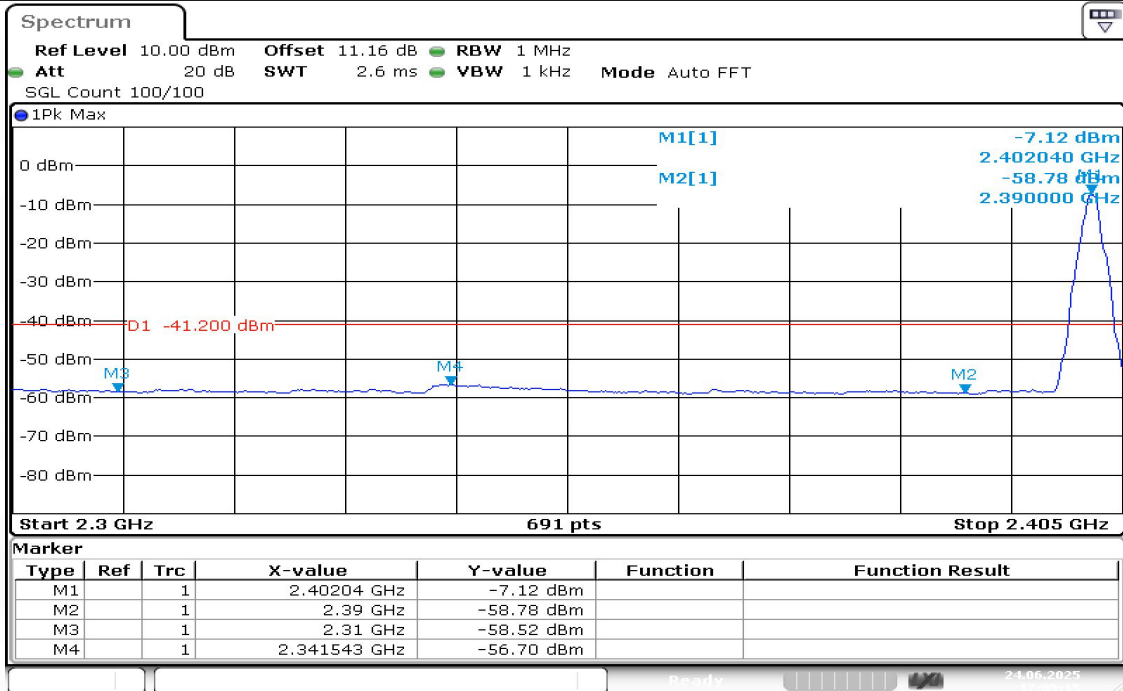
Date: 24.JUN.2025 17:03:30

BLE_1M-Ant1-2480-PASS



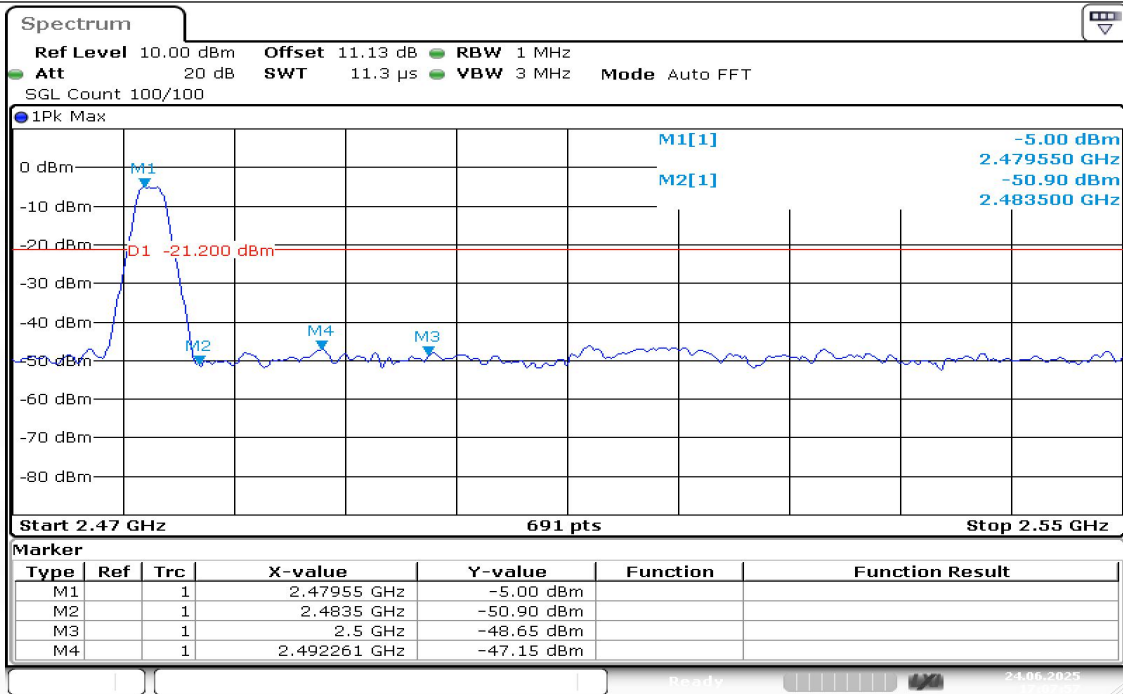
Date: 24.JUN.2025 17:05:00

BLE_2M-Ant1-2402-PASS



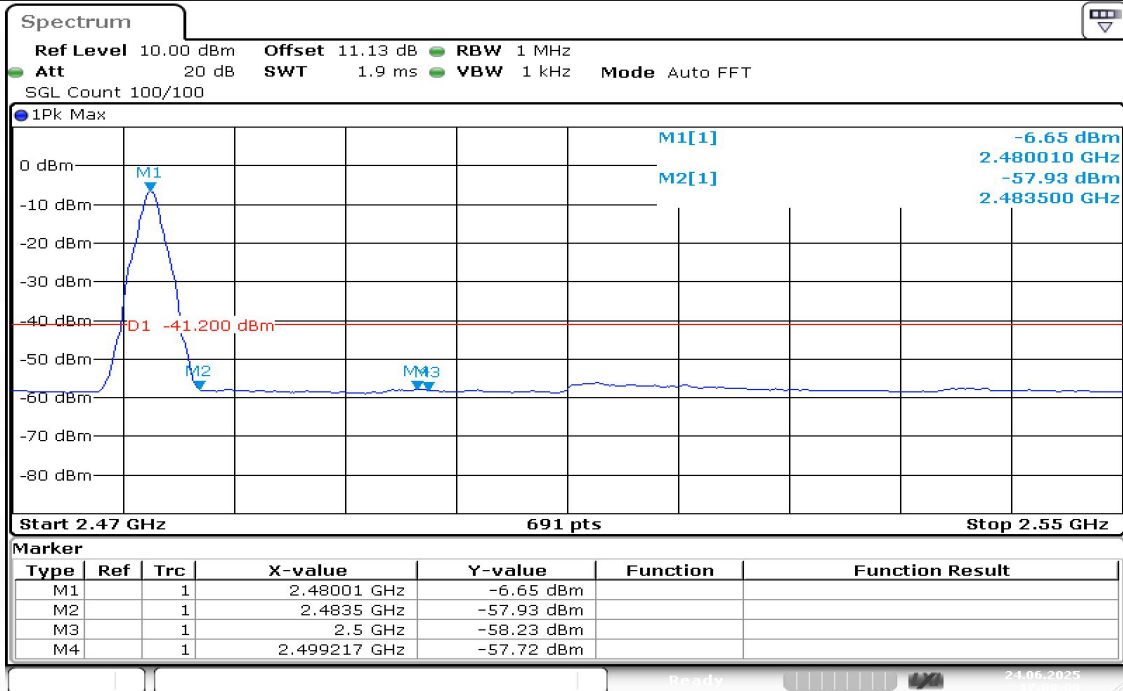
Date: 24.JUN.2025 17:05:15

BLE_2M-Ant1-2402-PASS



Date: 24.JUN.2025 17:07:57

BLE_2M-Ant1-2480-PASS



Date: 24.JUN.2025 17:08:08

BLE_2M-Ant1-2480-PASS