

1.9 Appendix I: Emissions in Restricted Bands

1.9.1 Test Result

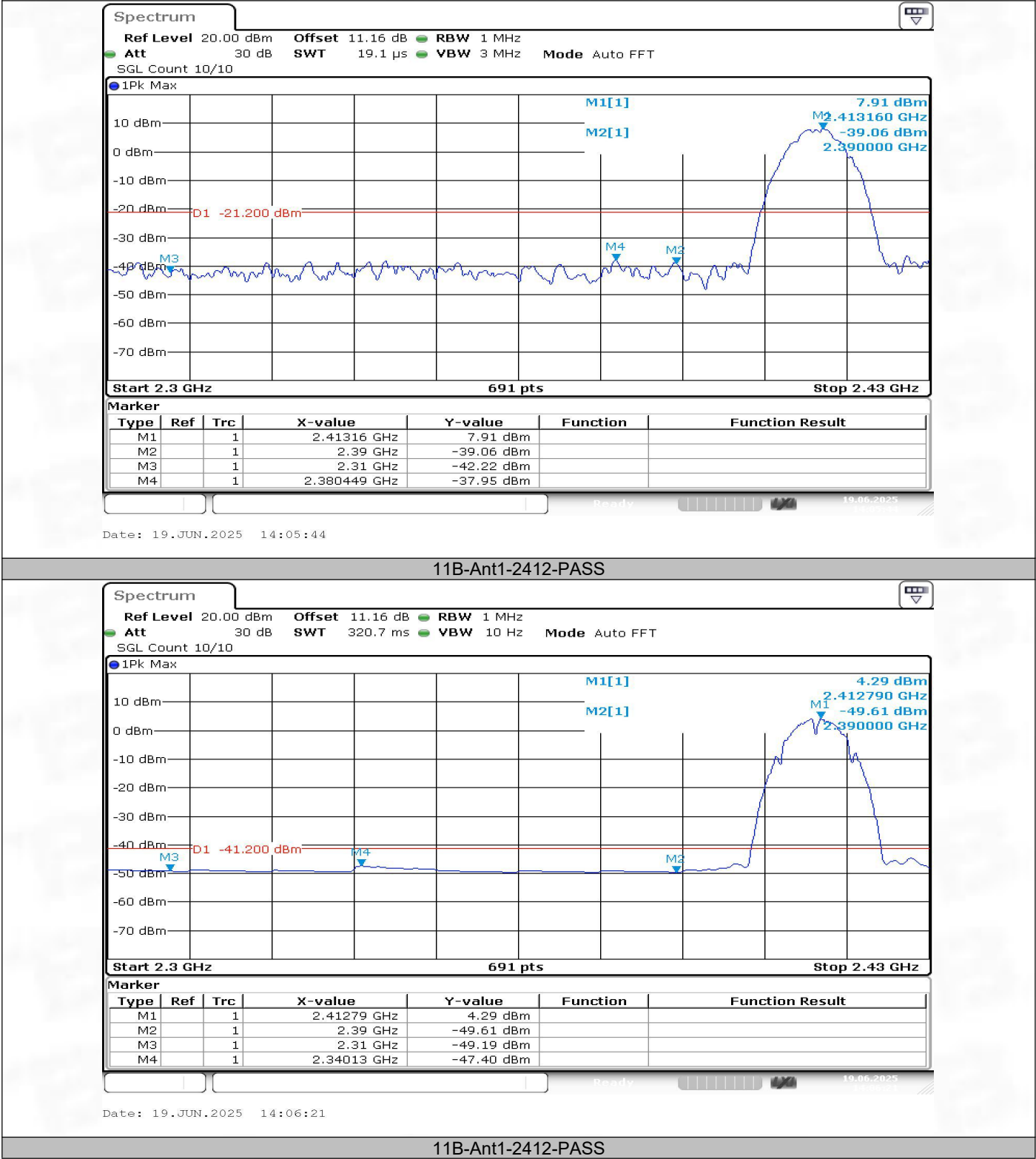
TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	Peak	2390.000	-39.06	≤-21.20	56.14	≤74	PASS
11B	Ant1	Low	2412	Peak	2310.000	-42.22	≤-21.20	52.98	≤74	PASS
11B	Ant1	Low	2412	Peak	2380.449	-37.95	≤-21.20	57.25	≤74	PASS
11B	Ant1	Low	2412	AV	2390.000	-49.61	≤-41.20	45.59	≤54	PASS
11B	Ant1	Low	2412	AV	2310.000	-49.19	≤-41.20	46.01	≤54	PASS
11B	Ant1	Low	2412	AV	2340.130	-47.4	≤-41.20	47.80	≤54	PASS
11B	Ant1	High	2462	Peak	2483.500	-40.84	≤-21.20	54.36	≤74	PASS
11B	Ant1	High	2462	Peak	2500.000	-41	≤-21.20	54.20	≤74	PASS
11B	Ant1	High	2462	Peak	2498.029	-37.93	≤-21.20	57.27	≤74	PASS
11B	Ant1	High	2462	AV	2483.500	-48.62	≤-41.20	46.58	≤54	PASS
11B	Ant1	High	2462	AV	2500.000	-48.94	≤-41.20	46.26	≤54	PASS
11B	Ant1	High	2462	AV	2495.638	-48.56	≤-41.20	46.64	≤54	PASS
11G	Ant1	Low	2412	Peak	2390.000	-39.11	≤-21.20	56.09	≤74	PASS
11G	Ant1	Low	2412	Peak	2310.000	-38.43	≤-21.20	56.77	≤74	PASS
11G	Ant1	Low	2412	Peak	2357.275	-36.66	≤-21.20	58.54	≤74	PASS
11G	Ant1	Low	2412	AV	2390.000	-47.61	≤-41.20	47.59	≤54	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.19	≤-41.20	47.01	≤54	PASS
11G	Ant1	Low	2412	AV	2341.449	-46.47	≤-41.20	48.73	≤54	PASS
11G	Ant1	High	2462	Peak	2483.500	-34.45	≤-21.20	60.75	≤74	PASS
11G	Ant1	High	2462	Peak	2500.000	-40.27	≤-21.20	54.93	≤74	PASS
11G	Ant1	High	2462	Peak	2483.522	-34.45	≤-21.20	60.75	≤74	PASS
11G	Ant1	High	2462	AV	2483.500	-45.76	≤-41.20	49.44	≤54	PASS
11G	Ant1	High	2462	AV	2500.000	-48.16	≤-41.20	47.04	≤54	PASS
11G	Ant1	High	2462	AV	2483.522	-45.76	≤-41.20	49.44	≤54	PASS
11N20SISO	Ant1	Low	2412	Peak	2390.000	-38.95	≤-21.20	56.25	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2310.000	-39.24	≤-21.20	55.96	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2341.261	-36.15	≤-21.20	59.05	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2390.000	-47.17	≤-41.20	48.03	≤54	PASS

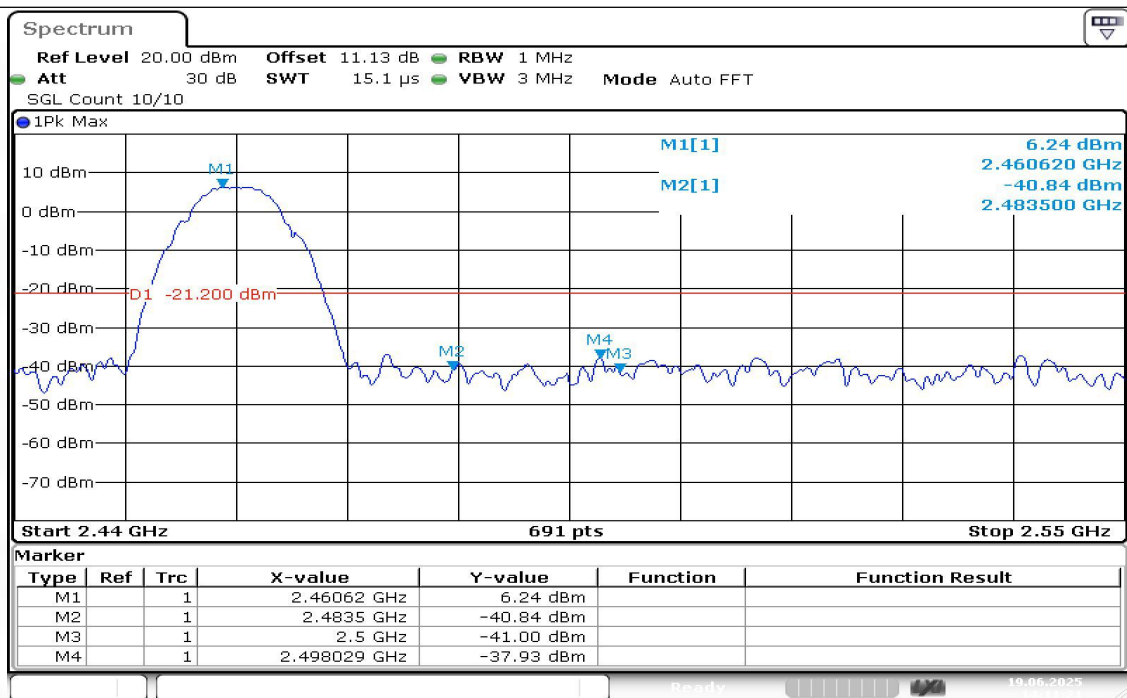
11N20SIS O	Ant1	Low	2412	AV	2310.00 0	-47.1	≤ 41.20	48.10	≤54	PASS
11N20SIS O	Ant1	Low	2412	AV	2339.94 2	-44.9	≤ 41.20	50.30	≤54	PASS
11N20SIS O	Ant1	High	2462	Peak	2483.50 0	- 35.34	≤ 21.20	59.86	≤74	PASS
11N20SIS O	Ant1	High	2462	Peak	2500.00 0	-39.2	≤ 21.20	56.00	≤74	PASS
11N20SIS O	Ant1	High	2462	Peak	2485.27 5	- 31.07	≤ 21.20	64.13	≤74	PASS
11N20SIS O	Ant1	High	2462	AV	2483.50 0	- 44.35	≤ 41.20	50.85	≤54	PASS
11N20SIS O	Ant1	High	2462	AV	2500.00 0	- 46.46	≤ 41.20	48.74	≤54	PASS
11N20SIS O	Ant1	High	2462	AV	2485.43 5	- 43.67	≤ 41.20	51.53	≤54	PASS
11N40SIS O	Ant1	Low	2422	Peak	2390.00 0	- 39.27	≤ 21.20	55.93	≤74	PASS
11N40SIS O	Ant1	Low	2422	Peak	2310.00 0	-38.7	≤ 21.20	56.50	≤74	PASS
11N40SIS O	Ant1	Low	2422	Peak	2327.82 6	- 36.92	≤ 21.20	58.28	≤74	PASS
11N40SIS O	Ant1	Low	2422	AV	2390.00 0	- 45.98	≤ 41.20	49.22	≤54	PASS
11N40SIS O	Ant1	Low	2422	AV	2310.00 0	- 46.89	≤ 41.20	48.31	≤54	PASS
11N40SIS O	Ant1	Low	2422	AV	2389.56 5	- 45.78	≤ 41.20	49.42	≤54	PASS
11N40SIS O	Ant1	High	2452	Peak	2483.50 0	- 37.76	≤ 21.20	57.44	≤74	PASS
11N40SIS O	Ant1	High	2452	Peak	2500.00 0	- 39.27	≤ 21.20	55.93	≤74	PASS
11N40SIS O	Ant1	High	2452	Peak	2485.68 8	-36.6	≤ 21.20	58.60	≤74	PASS
11N40SIS O	Ant1	High	2452	AV	2483.50 0	- 44.33	≤ 41.20	50.87	≤54	PASS
11N40SIS O	Ant1	High	2452	AV	2500.00 0	- 46.67	≤ 41.20	48.53	≤54	PASS
11N40SIS O	Ant1	High	2452	AV	2485.87 0	- 42.93	≤ 41.20	52.27	≤54	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.

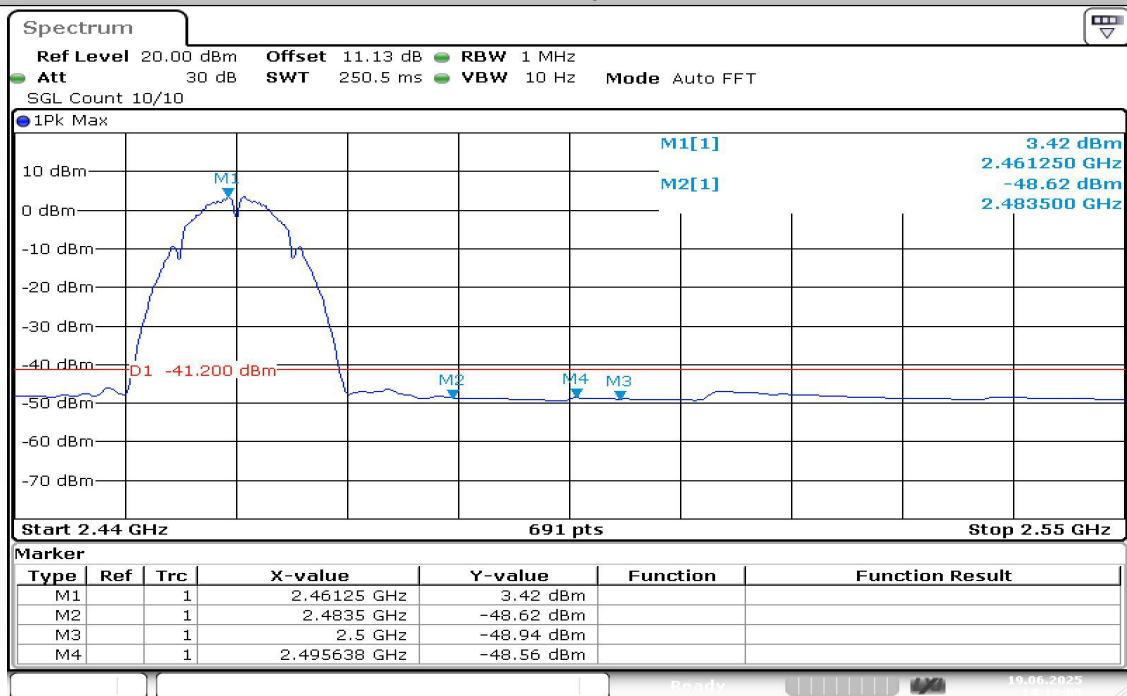
1.9.2 Test Graphs





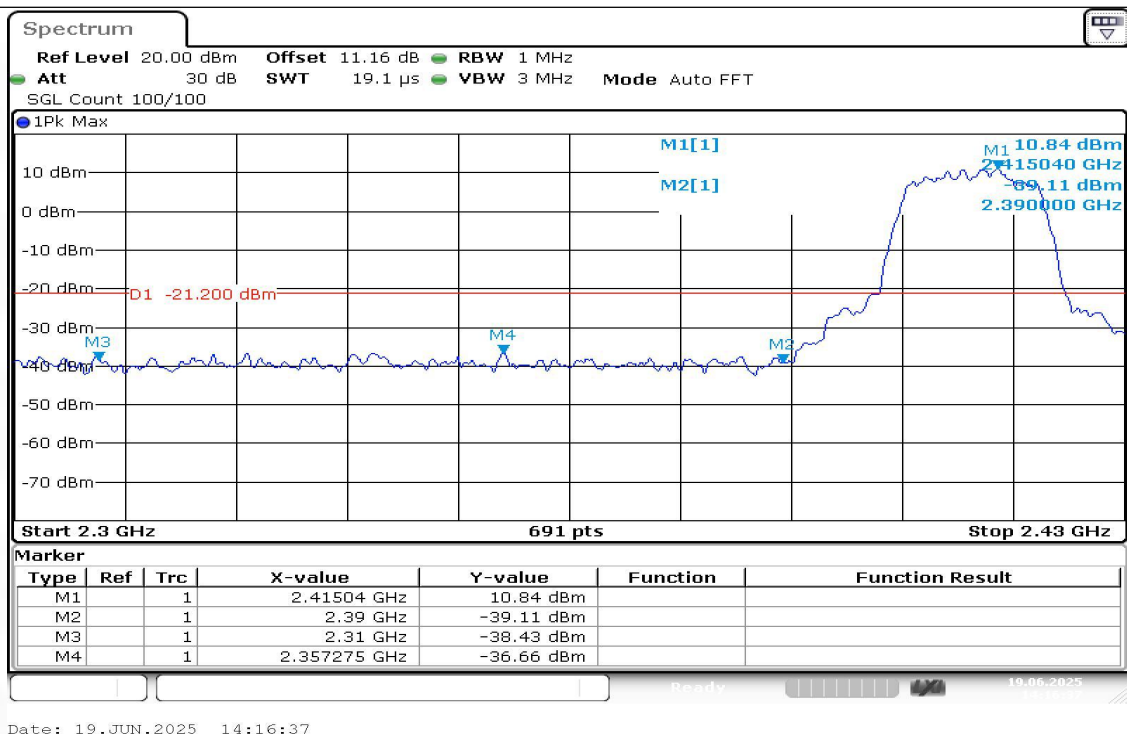
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11B-Ant1-2462-PASS

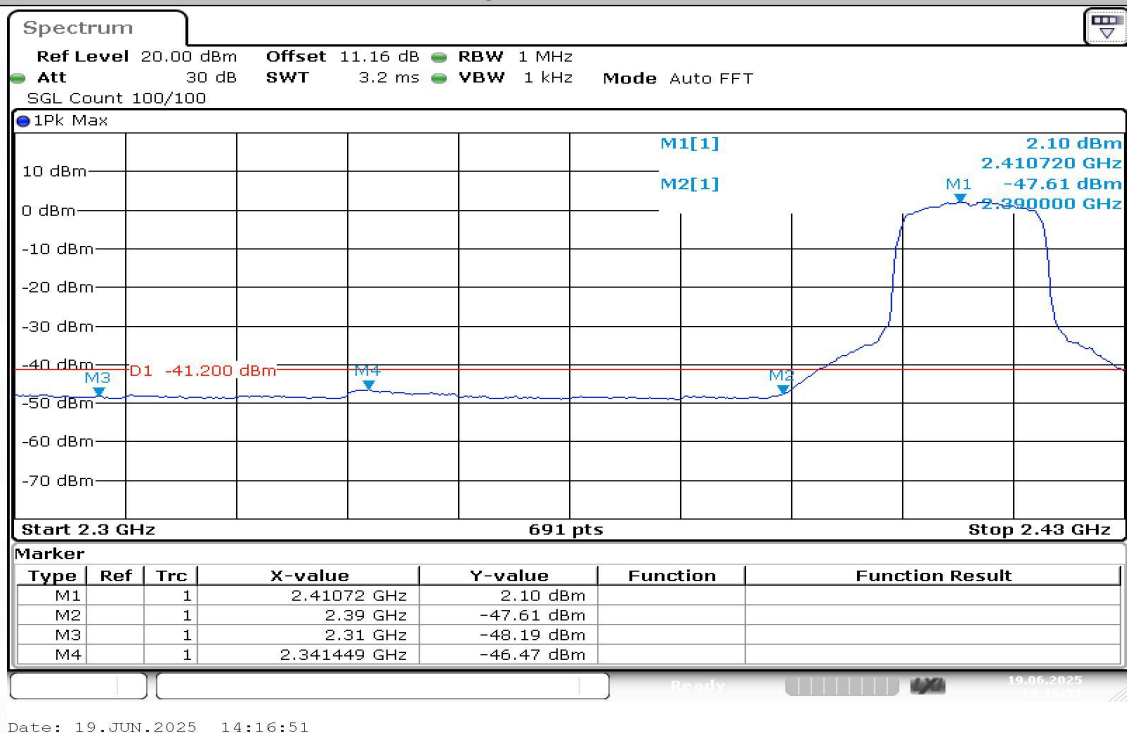


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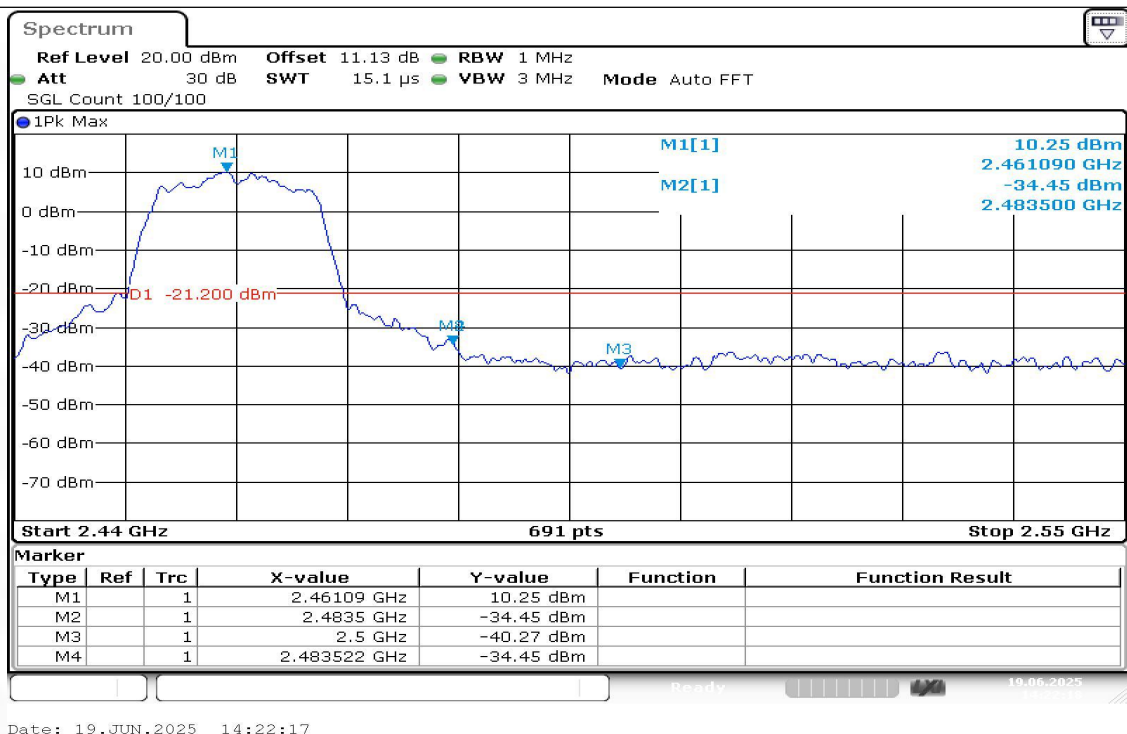
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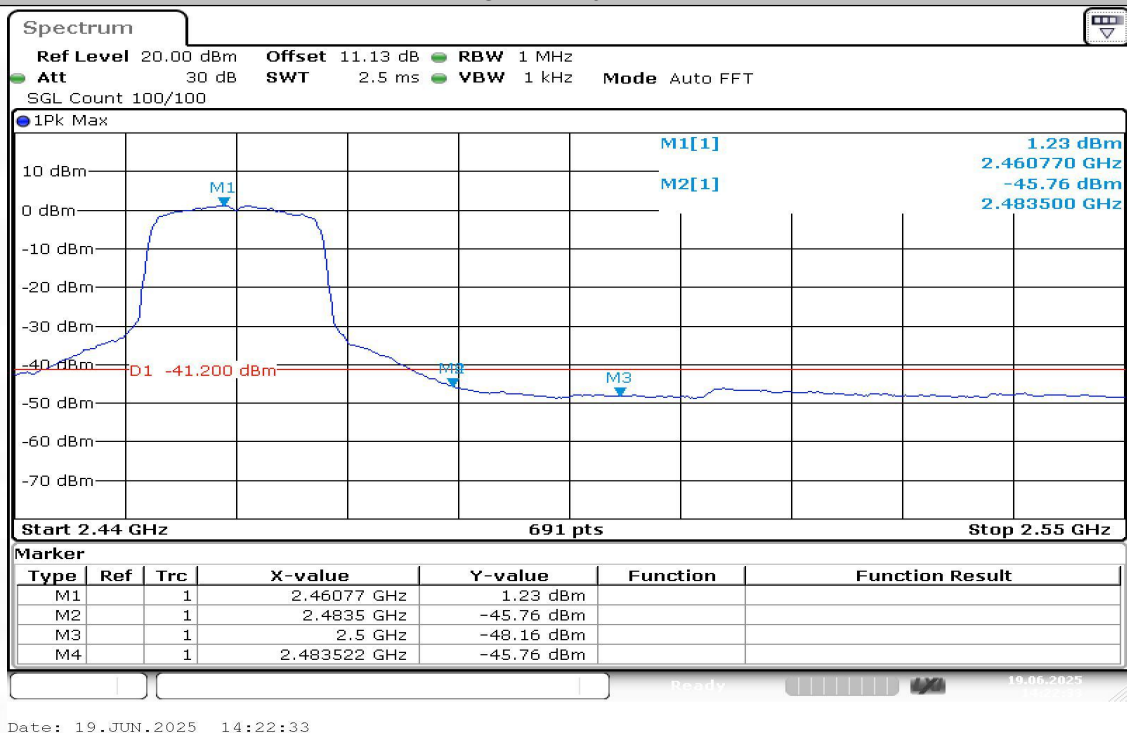
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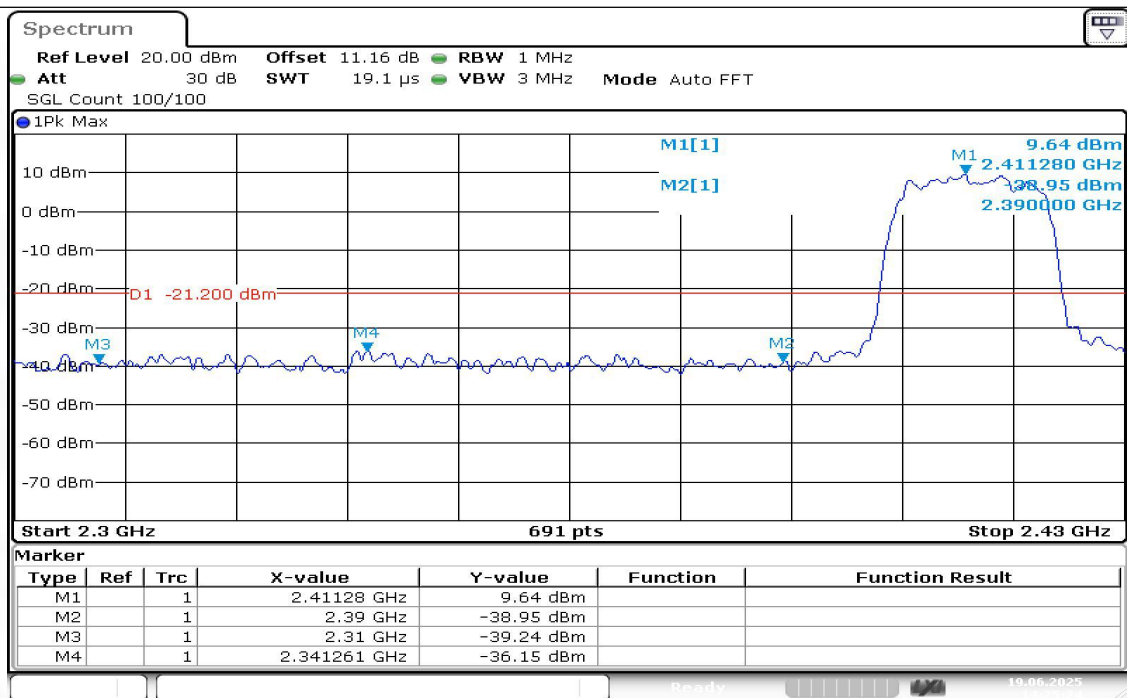
11G-Ant1-2412-PASS



11G-Ant1-2462-PASS

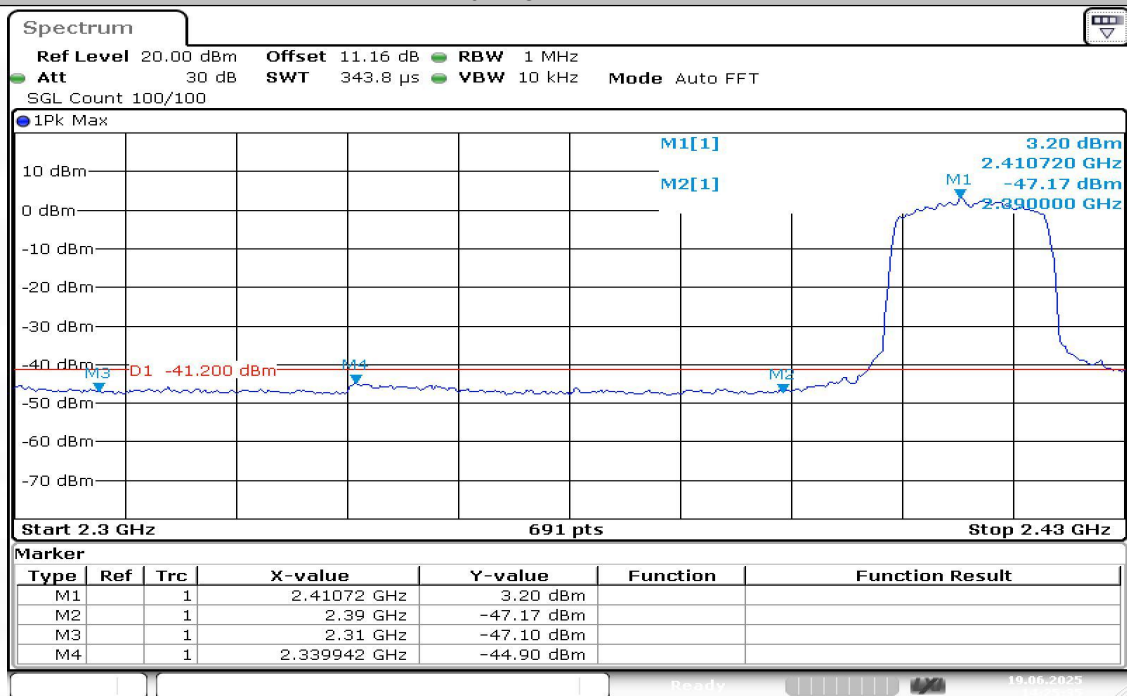


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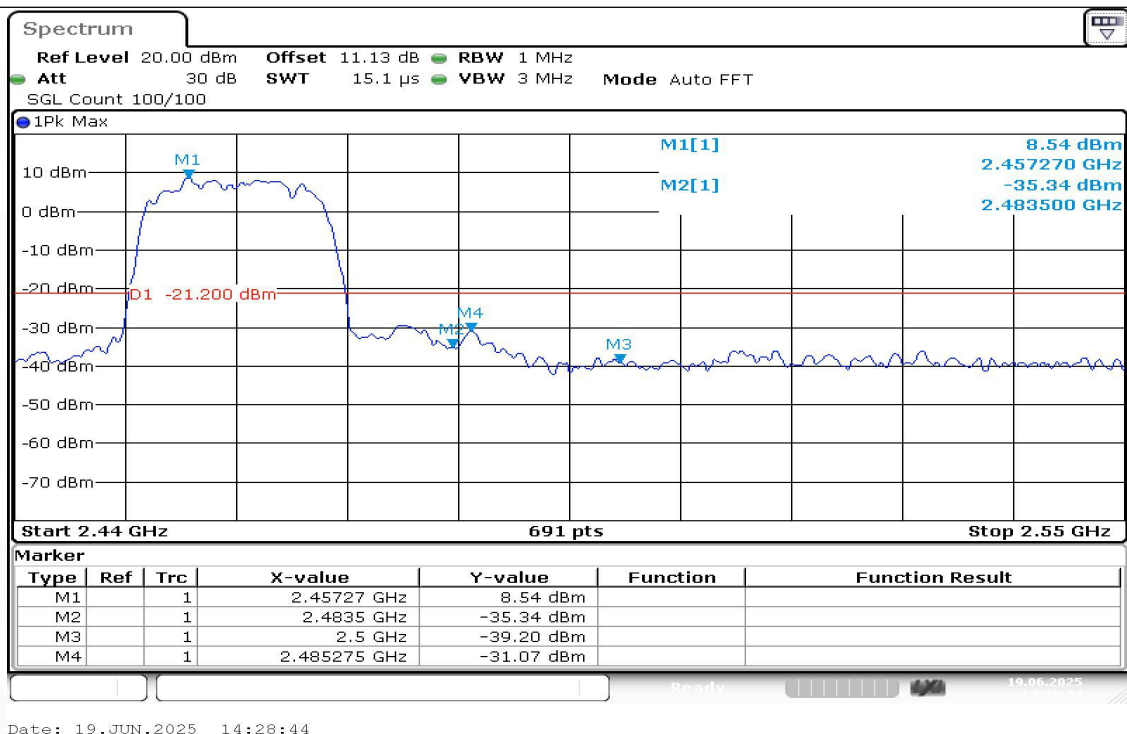
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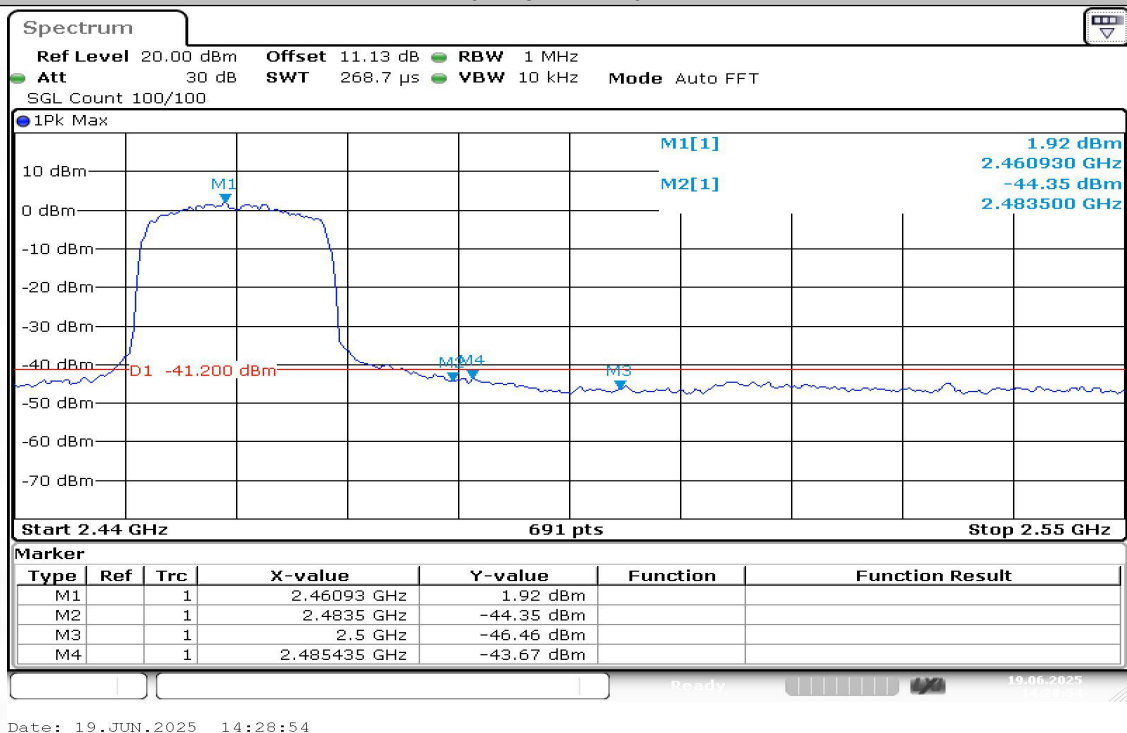


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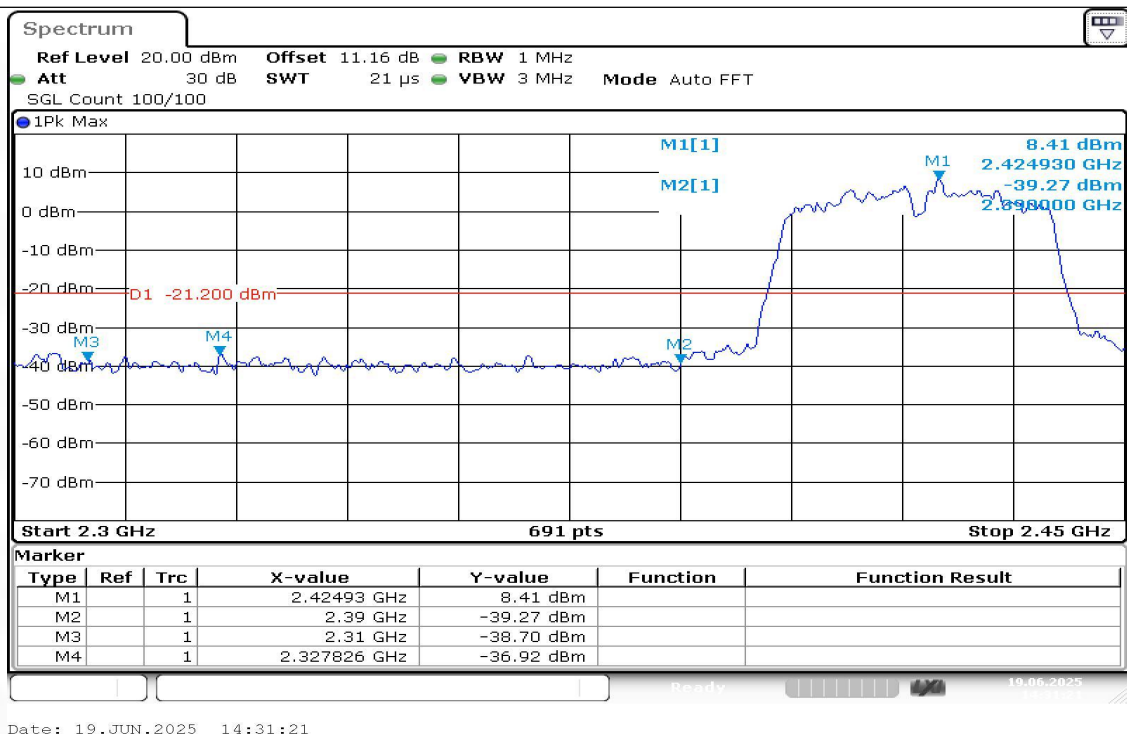
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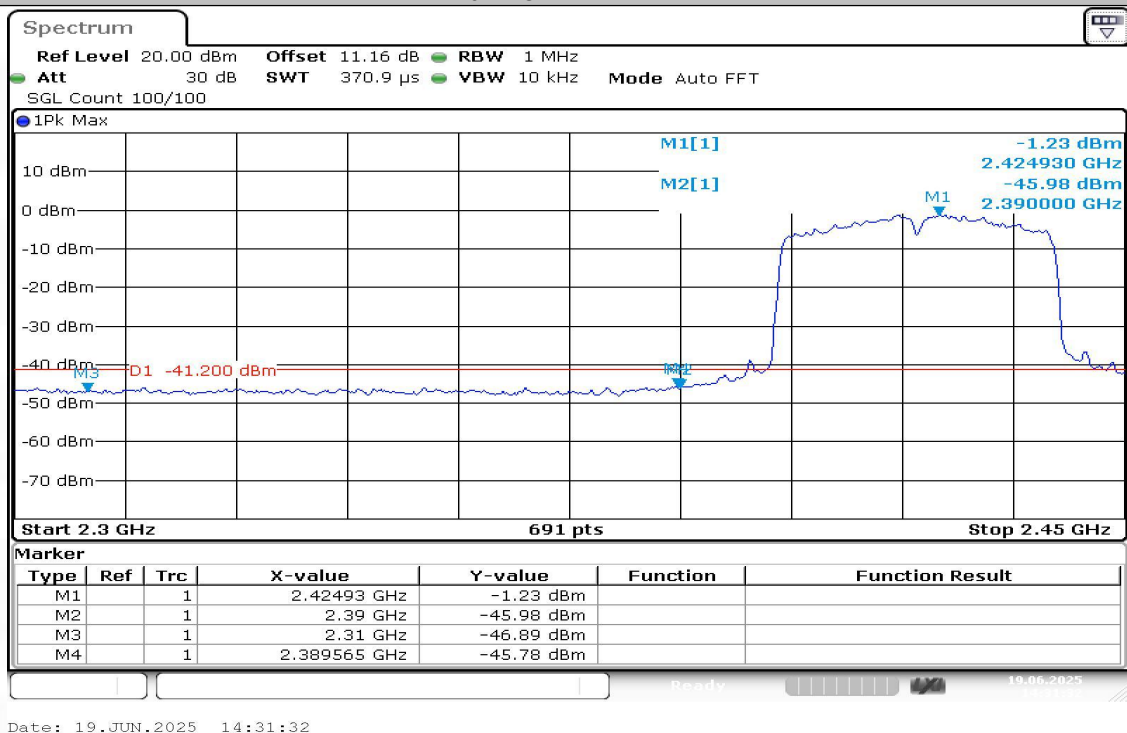
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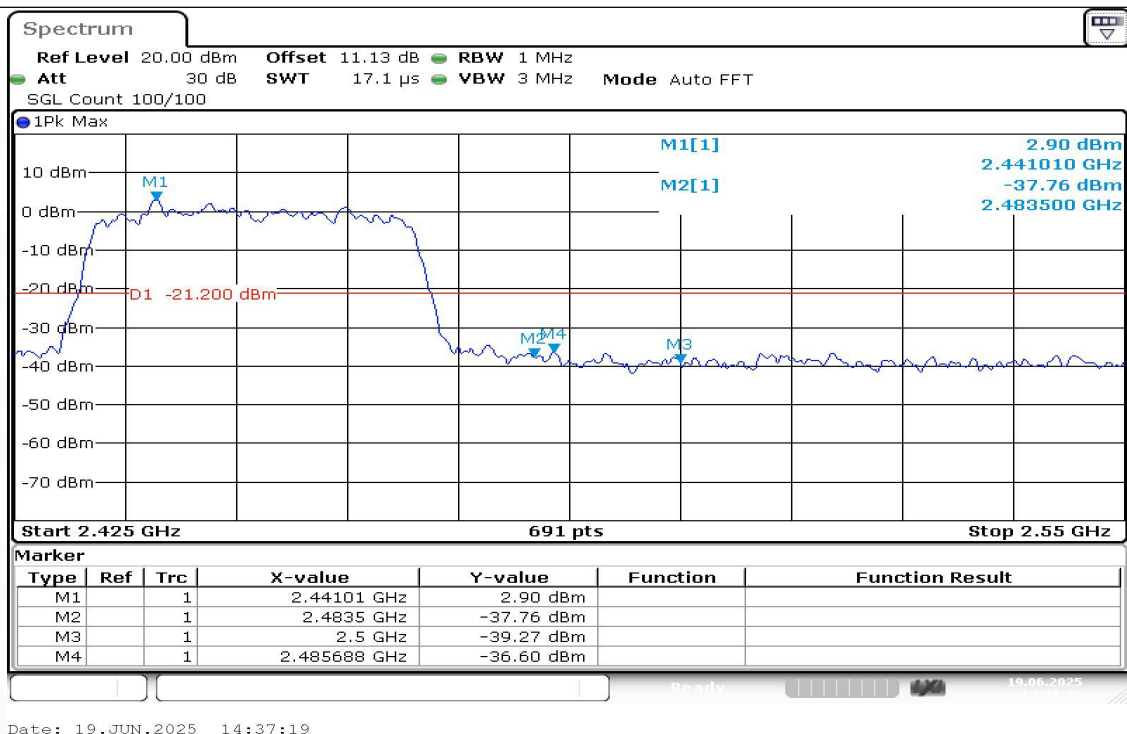
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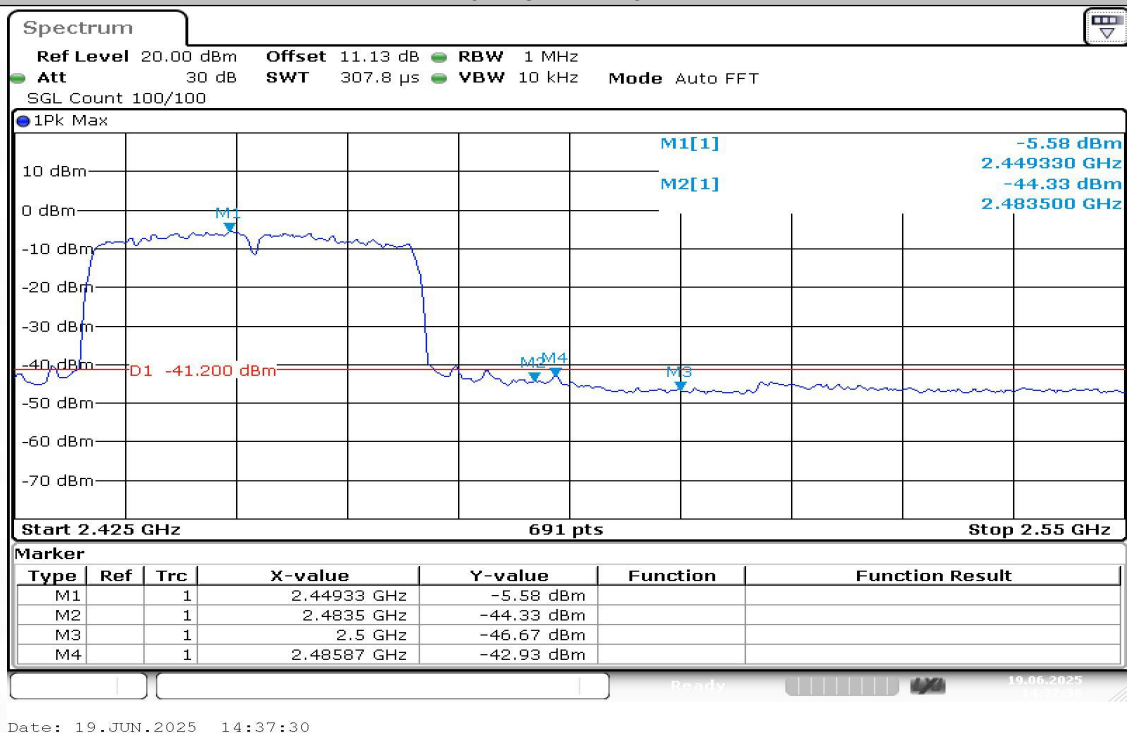
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



11N40SISO-Ant1-2452-PASS