MedUX

MEDUX AWARDS & CERTIFICATIONS

BEST 5G EXPERIENCE TIRANA

JUNE 2025

vodafone

Vodafone

3.87
MEDUX QOE SCORE · 5G · OUT OF 5

3.87
MOS · SCALE 1-5

SOLE WINNER · +0.43 points over One

MedUX recognises Vodafone with the Best 5G Experience award in Tirana for the June 2025 period. The award is based on the MedUX QoE Score, which combines speed, latency, web browsing, social media, gaming and video into a single measure, as real users experience them.

Luis Molina
CEO, MedUX

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Measurement period: May – Jun 2025

MARKET ANALYSIS

MedUX QoE Scorecard · drive-test campaign · Vodafone and One · 9,777 active tests

MEDUX 5G QOE SCORE

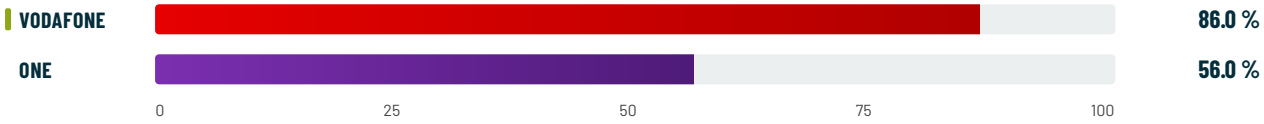
Data & OTT, speed, video and network responsiveness · scale 0–5



Leader's advantage: **+0.43** points, well above the edition's co-leadership threshold: **sole winner**

ACCESSIBILITY

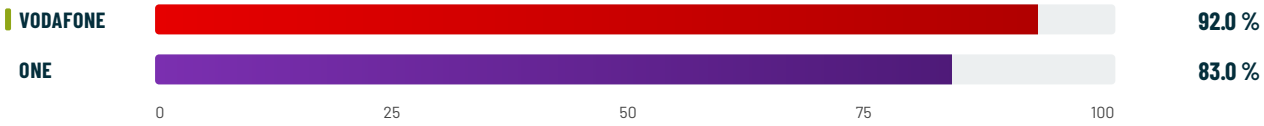
10 % of the score · latency and network responsiveness · % of maximum achievable



Sole winner · average latency of 40.7 ms vs 61.3 ms; 67.7 % of measurements below 50 ms, vs 46.7 %

STREAMING

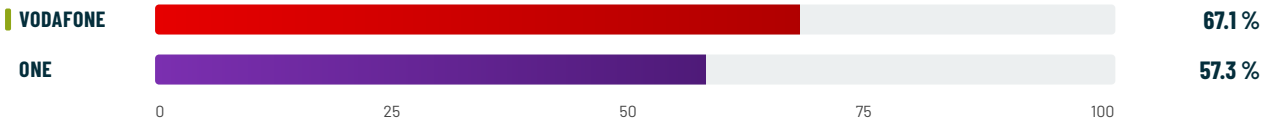
20 % of the score · resolution, start-up and stalls · % of maximum achievable



Sole winner · same average resolution (1080p), fewer stalls (5 vs 8)

VALUE FOR SPEED

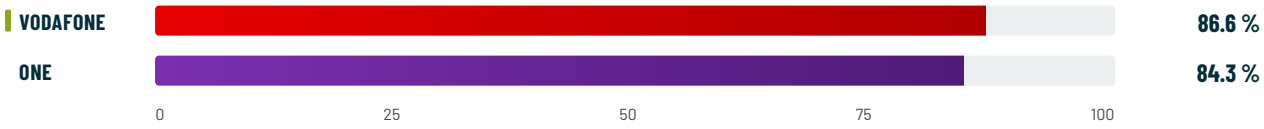
35 % of the score · multi-thread download and upload test · % of maximum achievable



Sole winner. Upload makes the difference (26.1 % vs 7.9 % of the maximum); on download, 81 % vs 80 %

DATA & OTT

35 % of the score · gaming, web browsing and social media · % of maximum achievable



Sole winner, on gaming (latency of 54.3 ms vs 73.7 ms) and web browsing

Brand colour: Vodafone · One. The lime marker flags the leader of each block. Edition rule: MedUX declares co-leaders when the gap between operators is less than 0.5 % of the category leader's score; above that threshold, a sole winner.

MARKET STATISTICS

Publishable measured values · drive test · same devices, route, time slots and servers for every operator

ACTIVE TESTS
9,777
Vodafone 4,905 · One 4,872

RADIO SAMPLES
≈230,000
LTE and NR, unforced mode

ROUTE
+500 km
and +50 km² over 5 days of driving

AWARDS WON
7
of 7, all 7 as sole winner

5G DOWNLOAD · AVERAGE

Mbit/s · multi-thread test



5G DOWNLOAD · 10TH PERCENTILE

Mbit/s · worst 10 % of measurements



5G UPLOAD · AVERAGE

Mbit/s · multi-thread test



5G UPLOAD · 10TH PERCENTILE

Mbit/s · worst 10 % of measurements



AVERAGE LATENCY

ms · lower is better



GAMING · AVERAGE LATENCY

ms · lower is better



WEB BROWSING · LOAD TIME

ms · lower is better



SOCIAL MEDIA · LOAD TIME

ms · lower is better



The lime marker flags the best result for each indicator. Where the scale is inverted, the shortest bar is the best result. All values are computed with the same quality filters and the same test servers for every operator compared.

MEDUX ACCREDITATION

Best 5G Experience, Tirana · June 2025

MedUX is pleased to recognise **Vodafone** with the **"Best 5G Experience, Tirana · June 2025"** distinction, in accordance with the results of the independent 5G quality-of-experience measurement campaign in Tirana. The recognition refers to the experience with 5G devices and SIMs on the route measured and does not, on its own, support claims of best network, fastest network, best 5G coverage or national scope.

This recognition is based on the MedUX QoE methodology and scoring model, aligned with international standards such as **ETSI TR 103 559 V1.2.1** and **ITU-T P.800.1**, which turn technical measurements into a synthetic quality-of-experience indicator. Each service combines a *qualifier*, which sets the minimum required for a satisfactory experience, and one or more *differentiators*, which reward performance above that minimum.

The analysis covers the controlled measurement campaign run in **May and June 2025**: **9,777 active tests** and around 230,000 radio samples, collected with two Samsung Galaxy S24 Ultra devices running Android 15 and the MedUX app on board a vehicle in unforced mode (up to 5G NSA) along **more than 500 km and 50 km² of urban Tirana, over 5 days of driving**. On that basis, Vodafone achieves a **score of 3.87 out of 5** and a lead of **+0.43 points** over One, above the co-leadership threshold in force for the edition (a gap of 0.5 % of the leader's score). The result is therefore certified as a **sole winner**.

The award is determined on a controlled drive-test campaign, which guarantees homogeneous and directly comparable conditions between operators on the route and period measured. The result describes that route: it does not represent building interiors or areas off the route.

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CEO, MedUX

METHOD AND SCOPE NOTE

Period: May – Jun 2025. **Benchmark universe:** Vodafone and One, subject to the same measurement, data-quality and eligibility rules; no communication may imply a broader comparison.

Evidence source: drive test with identical commercial devices and each operator's SIM, on the same route, at the same times and against the same test servers. Unforced mode measures what the user gets, including fallbacks to 4G wherever the network decides them. The campaign covers urban Tirana and is not extrapolated to the rest of Albania. **Score:** each service is scored with a *qualifier* and one or more *differentiators* and aggregated with the edition weights: Data & OTT 35 %, speed 35 % (download 20 % and upload 15 %), video 20 % and network responsiveness 10 %. **Award rule for the edition:** operators whose gap is less than 0.5 % of the category leader's score are declared co-leaders; above that threshold, a sole winner. This edition's protocol did not include resampling confidence intervals, so this certificate does not publish one.

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