

best in test.

For adding something on top in Ireland and reaching an overall score of 927 dots in mobile network benchmarking survey we proudly award this certificate to

Vodafone Ireland

Score 927 out of 1000 in Total
Score 260 out of 270 in Voice Services
Score 445 out of 480 in Data Services
Score 222 out of 250 in Crowdsourced Quality



Hakan Ekmen
Global Networks Lead, Comms Industry





Measurement Overview

umlaut tested and measured the performance of its voice and data services on smartphones in comparison to other 5G/LTE mobile radio networks in metropolitan and rural areas of Ireland.

The audit was done as a performance benchmark performed by umlaut between 17.04.2025 and 08.05.2025 in cities and towns as well as on connection roads.

Dedicated measurements have been executed as drive tests outdoors using a Samsung Galaxy S23+ (S916B).

All data measurements have been performed in 5G preferred mode. Voice measurements have been done in 5G/5G preferred mode on both sides, while call origin has been alternated.

In addition crowdsourced performance data has been collected and evaluated between CW46 2024 and CW17 2025.

The following pages provide a comparative overview about the performance results observed for the different tested service types.



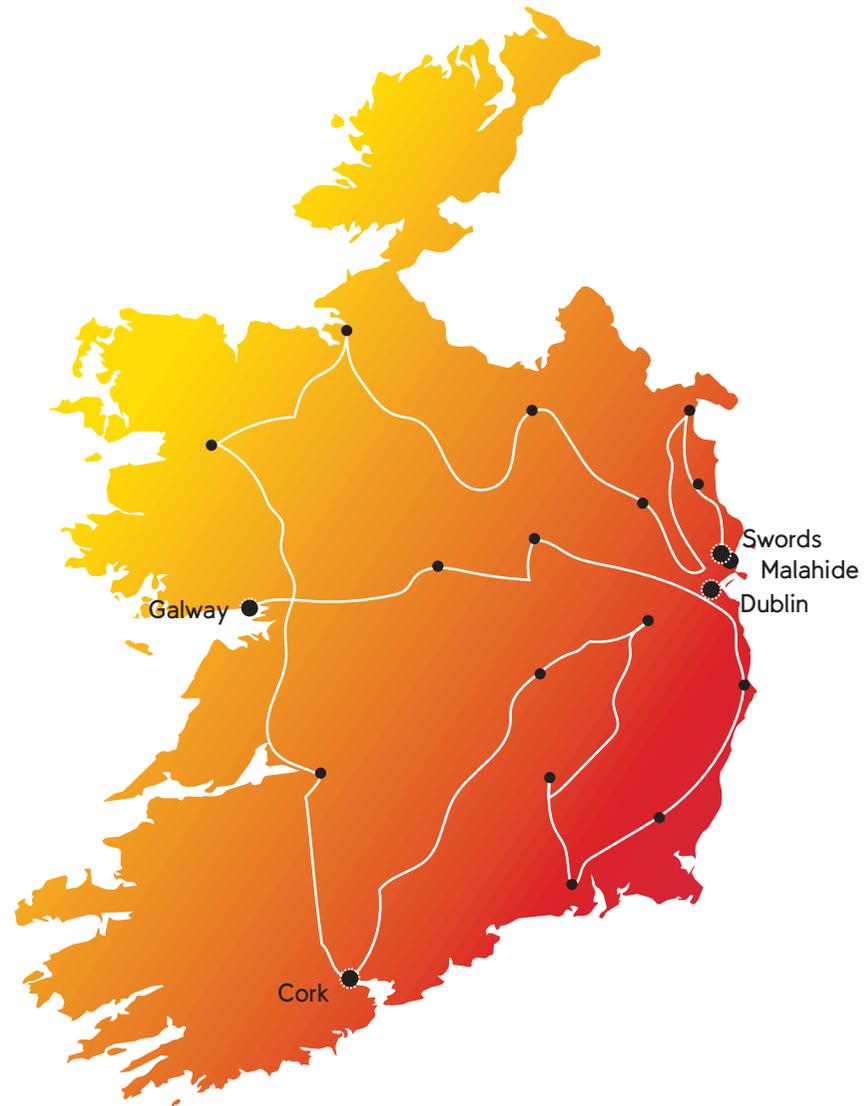
Measurement setup

Drivetest	Voice	Data
Device	Samsung Galaxy S23+ (S916B)	Samsung Galaxy S23+ (S916B)
Test Cases	Mobile-to-Mobile Side1 (VoLTE, 5G pref.) to Side2 (VoLTE, 5G pref.) 105 sec call window 70 sec call duration 15 sec call setup timeout Multi-RAB traffic injection on both sides	Data 5G preferred HTTP 7s DL & HTTP 7s UL HTTPS 10MB DL & HTTPS 5MB UL Web Browsing (4 international pages, 4 local pages, 1 ETSI reference, 1 umlaut reference page) 2 YouTube videos (VOD and Live video) Interactivity eGaming & Video Chat Conversational App
Mobility and Route Types	Drive test 100% 55% in Cities, 20% in Towns and 25% on Roads	
Samples	~ 9753	~ 87851
Dates	15 measurement days 17.04.2025 – 08.05.2025	
Crowd Data Assessment	24 weeks CW46 2024 – CW17 2025	



Testing areas

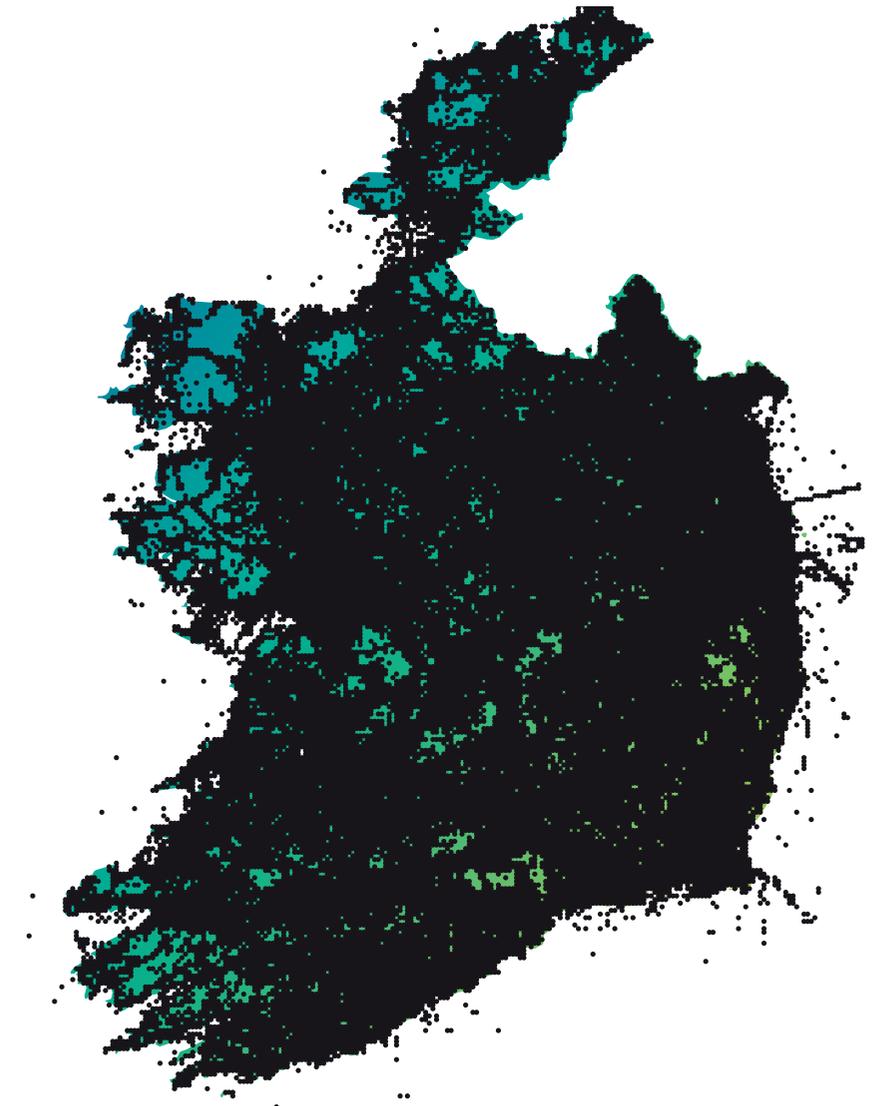
Drive route



 **~5300 km**
measuring distance

 **~41 %**
of population measured

Crowdsourcing based test area



 **96.6 %**
of the 'built-up area'
covered

 **99.2 %**
of the 'Population area'
covered

 **66,227 km²**
size of tested area



Claims




Best in Reliability
Vodafone Ireland



Best in test
Vodafone Ireland



Best in voice
Vodafone Ireland



Best in crowd-sourced quality
Vodafone Ireland



Methodology

The leader in mobile benchmarking, umlaut, has analyzed the mobile networks of Ireland with regards to mobile network performance. We measure smartphone voice and data performance based on extensive drivetests – from major metropolitan areas to smaller cities and connection roads.

We objectively define the routes and test methodology and publish the results through certificates or public benchmark reports. In addition crowdsourced performance data has been collected and evaluated.

As the de-facto industry standard, our benchmarking methodology focuses on customer-experienced network quality and covers a wide range of mobile services.

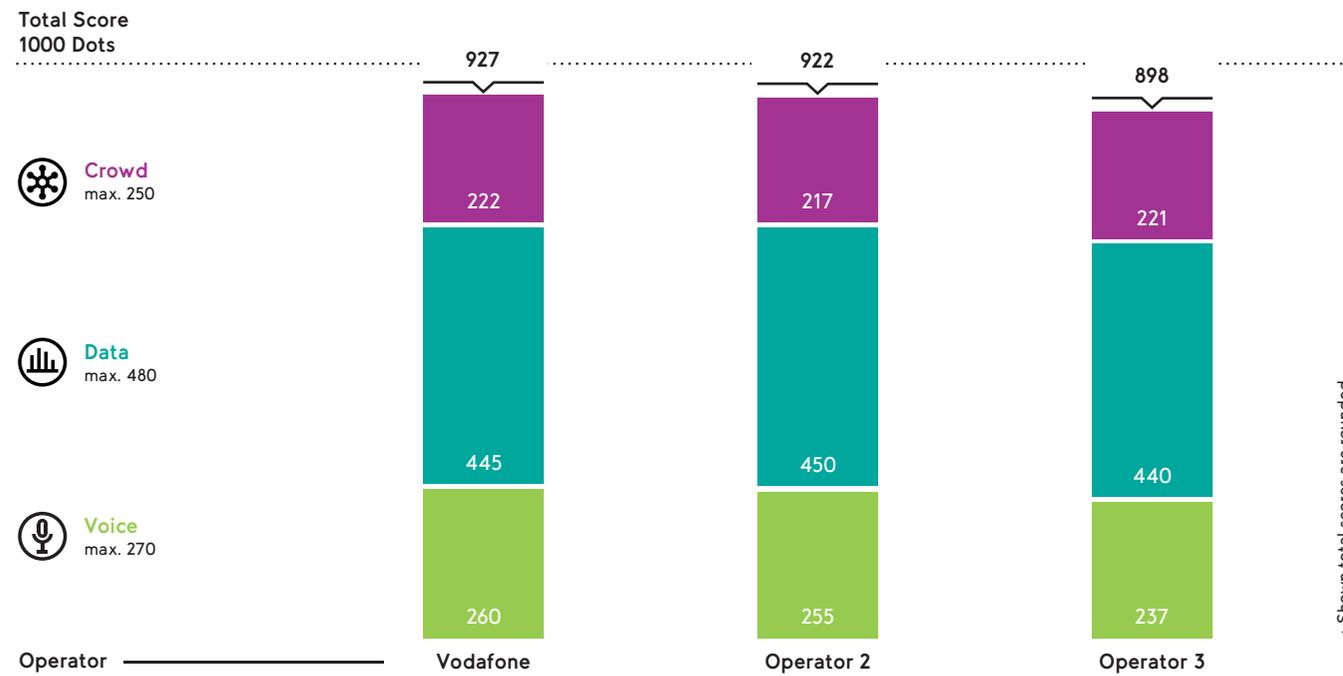
Today, more than 200 mobile networks in more than 120 countries are being evaluated by our unique scoring methodology.

It allows a technical analysis that is unprecedented in its level of detail and enables comparisons between the network performance and capability of each mobile network. Our public benchmarks as well as the certificate benchmarks help network operators to demonstrate how well they are delivering wireless connections to consumers, business users and enterprises and reveals the areas of improvement.



Score and breakdown

Vodafone achieved the highest overall score among competitors with 927 dots out of 1000.



→ Shown total scores are rounded.

Overall score considering Voice, Data and Crowdsourcing.

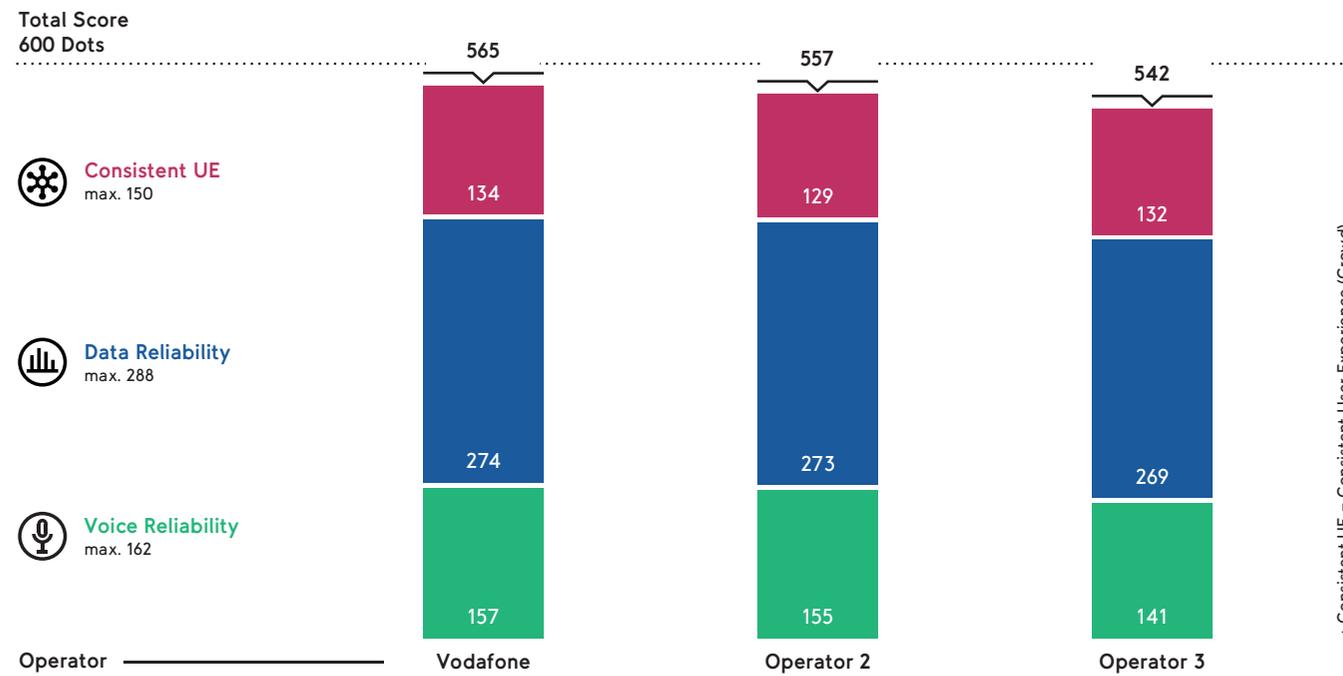
Total score

	Vodafone	Operator 2	Operator 3
Voice (max. 270)	260	255	237
Cities Drivetest	122	93%	88%
Cities Walktest	41	95%	91%
Towns Drivetest	54	97%	88%
Roads Drivetest	54	94%	85%
Data (max. 480)	445	450	440
Cities Drivetest	216	96%	93%
Cities Walktest	72	92%	93%
Towns Drivetest	96	95%	92%
Roads Drivetest	96	89%	86%
Crowdsourced Quality (max. 250)	222	217	221
Broadband Coverage	100	88%	89%
Download Speed	55	85%	84%
Upload Speed	20	90%	91%
Latency	50	83%	89%
Voice	10	92%	93%
Stability	15	94%	94%
Total	1000	922	898

Shown scores are rounded.



Reliability



Reliability score considering Voice Reliability, Data Reliability and Consistent UE.

Total score

	Service Group	max	Vodafone	Operator 2	Operator 3
Reliability	Voice Reliability	162	97%	96%	87%
	Data Reliability	288	95%	95%	93%
	Consistent User Experience	150	89%	86%	88%

Score achievement in school grades:
outstanding (≥95%), very good (≥85% and <95%), good (≥75% and ≤85%), satisfactory (≤65% and <75%), sufficient (≤55% and <65%).



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www.umlaut.com/benchmarking