best in test

For adding something on top in Ireland and reaching an overall score of 922 dots in mobile network benchmarking survey we proudly award this certificate to

Vodafone Ireland

Score 922 out of 1000 in Total
Score 260 out of 270 in Voice Services
Score 447 out of 480 in Data Services
Score 215 out of 250 in Crowdsourced Quality

Hakan Ekmen
Global Networks Lead, Comms Industry

Best 04 in 24 Test

umlaut
Part of Accenture

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 25.03.2024 and 16.04.2024 in cities and towns as well as on connection roads.
Dedicated measurements have been executed as drive tests outdoors using a Samsung Galaxy S23+.
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.

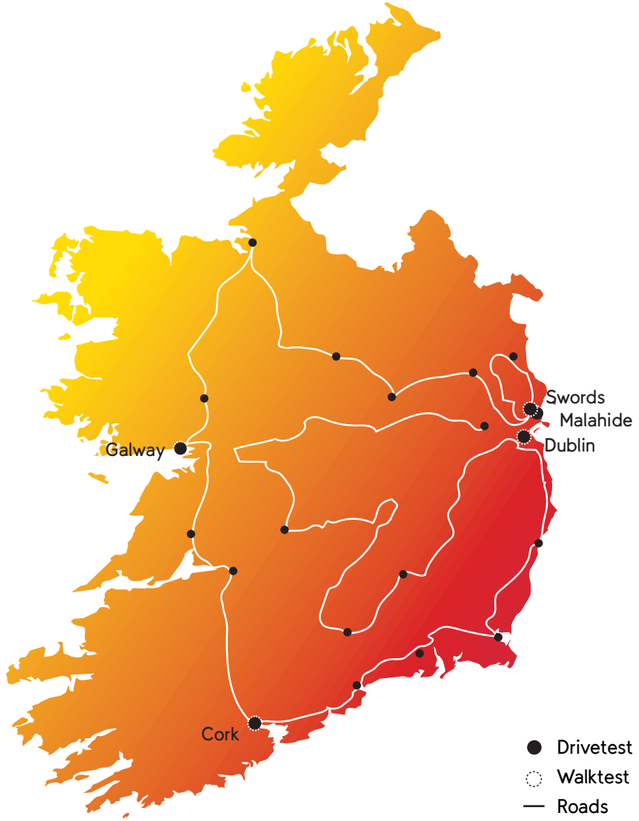
In addition crowdsourced performance data has been collected and evaluated between CW43 2023 and CW14 2024.
The following pages provide a comparative overview about the performance results observed for the different tested service types.

Measurement setup

Drivetest	Voice	Data
Device	Samsung Galaxy S23+	Samsung Galaxy S23+
Test Cases	Mobile–to–Mobile (M2M) 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 DL datastream 7s HTTP UL datastream 7s HTTP 10MB DL fixed file transfer HTTP 5MB UL fixed file transfer Web Browsing – Kepler ETSI Ref. Page 8 Live web pages 2 YouTube videos ~45s (Full HD and Live Full HD) Interactivity eGaming Conversational App
Mobility and Route Types	Drivetest and Walktest Drivetest: 53% in Cities, 21% in Towns and 26 % on Roads Walktest: 100% Cities	
Samples	10335	75450
Dates	25.03.2024 – 16.04.2024	
Crowd Data Assessment	24 weeks CW43 2023 – CW14 2024	

Testing areas

Drive route



~5500 km
measuring distance

~40 %
of population measured

Crowdsourcing based test area

95.4 %
of the 'built–up area' covered

98.4 %
of the 'Population area' covered

62,962 km²
size of tested area

Claims

Best in test
Vodafone Ireland

Best in Reliability
Vodafone Ireland

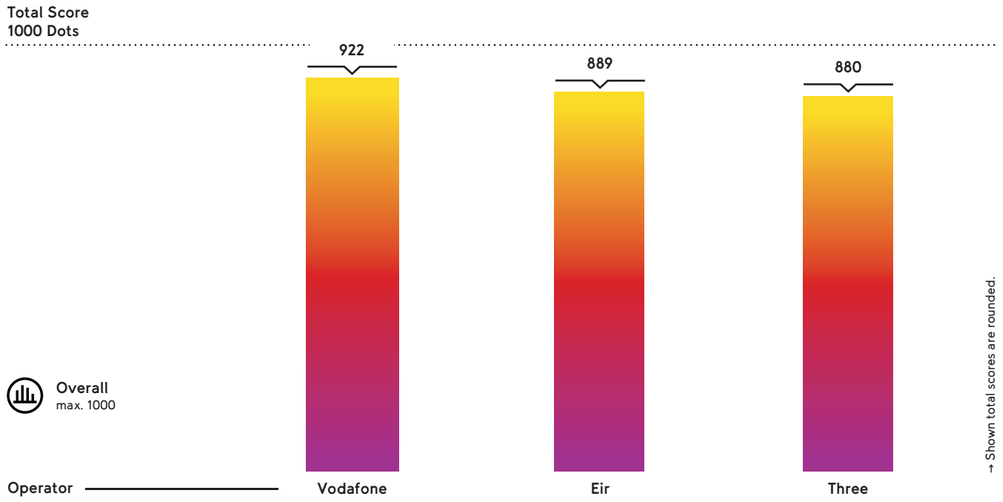
Methodology

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.

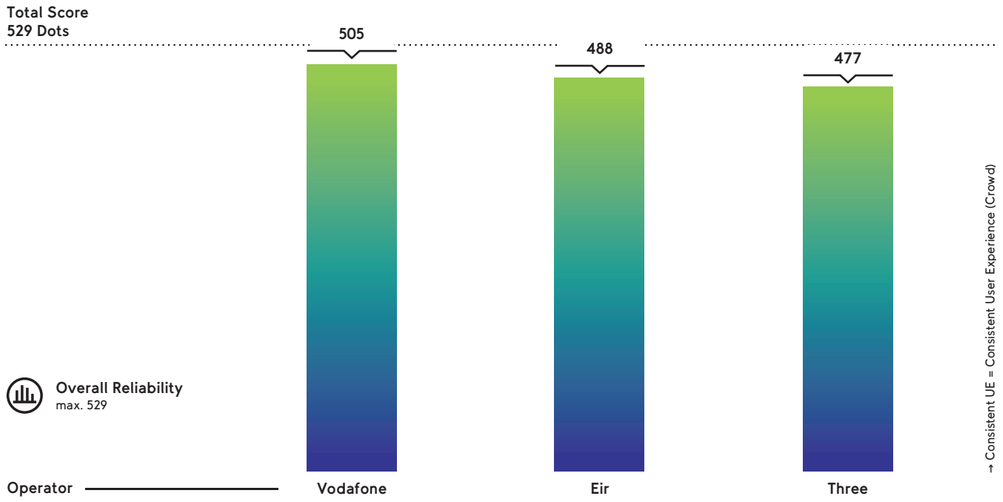
Score and breakdown

Vodafone achieved the highest overall score among competitors with 922 dots out of 1000.



Overall score considering Voice, Data and Crowdsourcing.

Reliability



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

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