

# Benchmarking®

The international score comparison 2021.





# Benchmarks with public visibility

## Overview Top Five 2021.

Our public benchmarks as well as the certification benchmarks help network operators around the globe to demonstrate how well they deliver wireless connections to consumers, business users and enterprises while revealing the areas of improvement.

Using our experience in the field of network-testing of mobile networks we verify and certify the performance of mobile services.

The umlaut score and service certification is the ideal tool for the independent assessment and attestation of mobile networks and the services they offer.

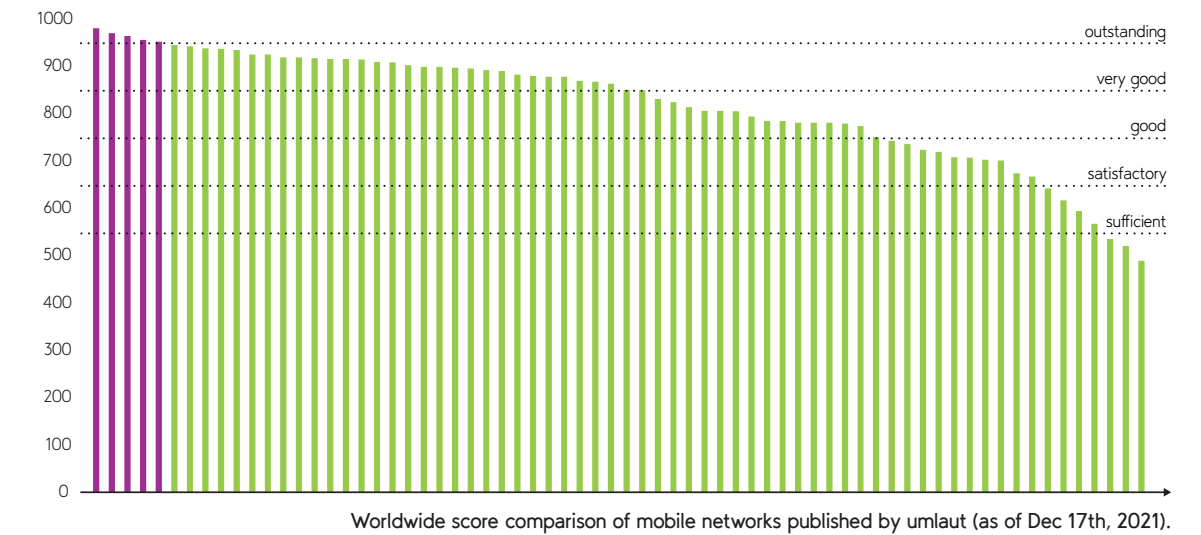
**Benchmark results**

**Top 5**

- 976: Swisscom, CH
- 966: Sunrise, CH
- 962: T-Mobile, NL
- 960: Magenta, AT
- 954: KPN, NL




# umlaut Scores — worldwide applied



The graph shows the overview of all umlaut Score results collected internationally in 2021 and highlights the top 5 performing networks which are mentioned in the "Benchmark results" box on page 2.

Update activities under the new 2021 framework will show in the course of this year, if and how the inclusion of 5G and the innovations introduced in the user experience testing will change the group of front runners.



umlaut SE

Am Kraftversorgungsturm 3

52070 Aachen

Germany

[www.umlaut.com](http://www.umlaut.com)

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