



KPN Mobile is Netherlands' Speedtest Awards™ Winner for 5G speed during Q3–Q4 2023

142.19

Speed Score™

168.32
Median Speed Mbps

30.20
Median Speed Mbps

Speed Score™

KPN Mobile	142.19
Odido	140.19
Vodafone	85.76

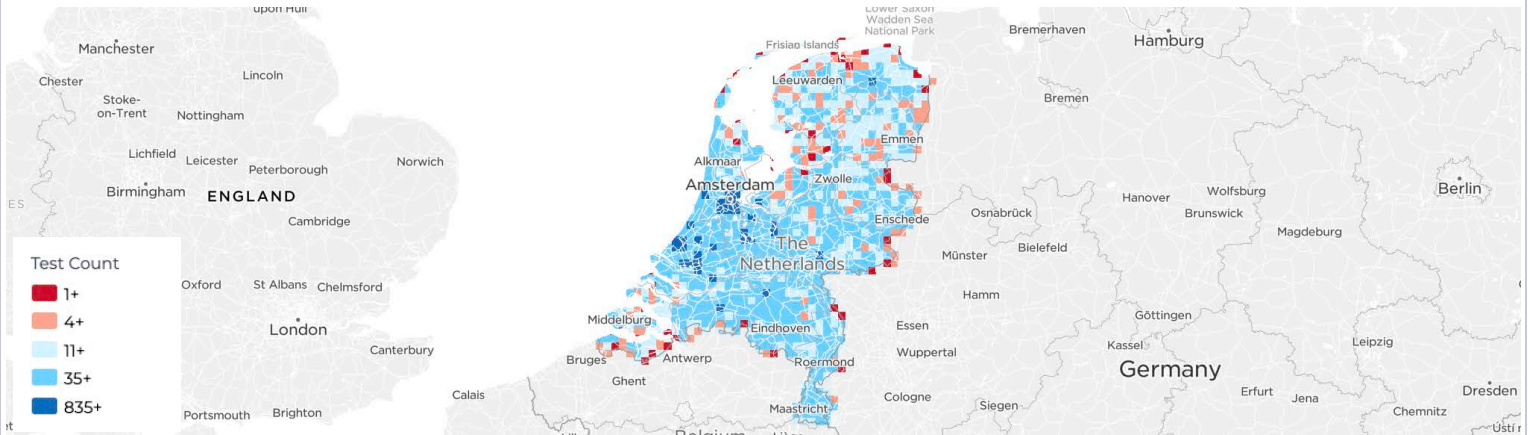
Test Counts

KPN Mobile	55,698
Odido	81,371
Vodafone	43,997



Tests Taken

Ookla® compared 181,536 user-initiated 5G tests taken on the Speedtest iOS and Android mobile apps from all the major mobile carriers in Netherlands during the award period to determine who showed the fastest mobile network speeds.



Market Statistics

Unique Devices

74,540

iPhone 14 Pro	6,677
iPhone 13	5,879
iPhone 13 Pro	4,984
iPhone 14 Pro Max	4,806
iPhone 12 5G	4,349

Median Download Speed

145.05 Mbps

KPN Mobile	168.32
Odido	163.67
Vodafone	99.53

Median Upload Speed

25.16 Mbps

KPN Mobile	30.20
Odido	30.15
Vodafone	14.22

Median Latency

21 ms

KPN Mobile	18
Odido	22
Vodafone	21

How Speed Score™ Works

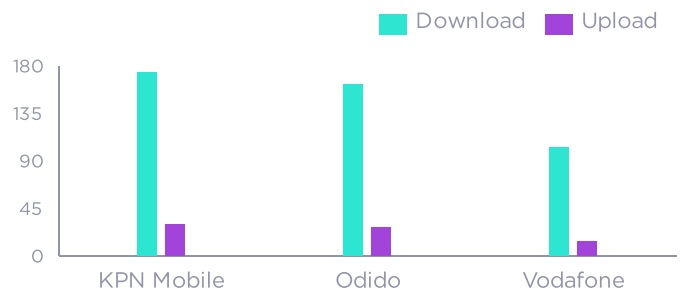
When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the entire market with 5G results for the full award period). We then determine the fastest 5G carrier using Speed Score for 5G results which incorporates a measure of each provider’s download and upload speed to rank network speed performance (80% of the final Speed Score is attributed to download speed and the remaining 20% to upload speed). The Speed Score uses a modified trimean to demonstrate the download and upload speeds that are available across a provider’s network. We take speeds from the 10th percentile, 50th percentile (also known as the median), and 90th percentile, and combine them in a weighted average using a 1:8:1 ratio, respectively. We place the most emphasis on the download speeds and median speeds as those represent what most network providers’ customers will experience on a day-to-day basis. The winning provider must also have the fastest median 5G download speed during the award period.

	Download Trimean	90th Percentile	50th Percentile	10th Percentile	Upload Trimean	90th Percentile	50th Percentile	10th Percentile
KPN Mobile	169.56	308.25	168.32	40.71	32.71	82.43	30.20	3.03
Odido	167.12	333.43	163.67	28.46	32.48	79.78	30.15	3.86
Vodafone	102.93	211.30	99.53	21.74	17.09	55.41	14.22	1.80

Province Network Speeds

Gelderland

Carrier	Download Mbps	Upload Mbps
KPN Mobile	173.73	29.84
Odido	162.56	27.19
Vodafone	102.91	13.68



North Brabant

Carrier	Download Mbps	Upload Mbps
KPN Mobile	177.10	30.62
Odido	167.47	31.61
Vodafone	106.02	15.21

