



KPN Mobile is Netherlands' Speedtest Awards™ Winner for 5G speed during Q1—Q2 2022

161.51

Speed Score™

191.51
Median Speed Mbps

39.81
Median Speed Mbps

Speed Score™

KPN Mobile	161.51
T-Mobile	136.26
Vodafone	88.89

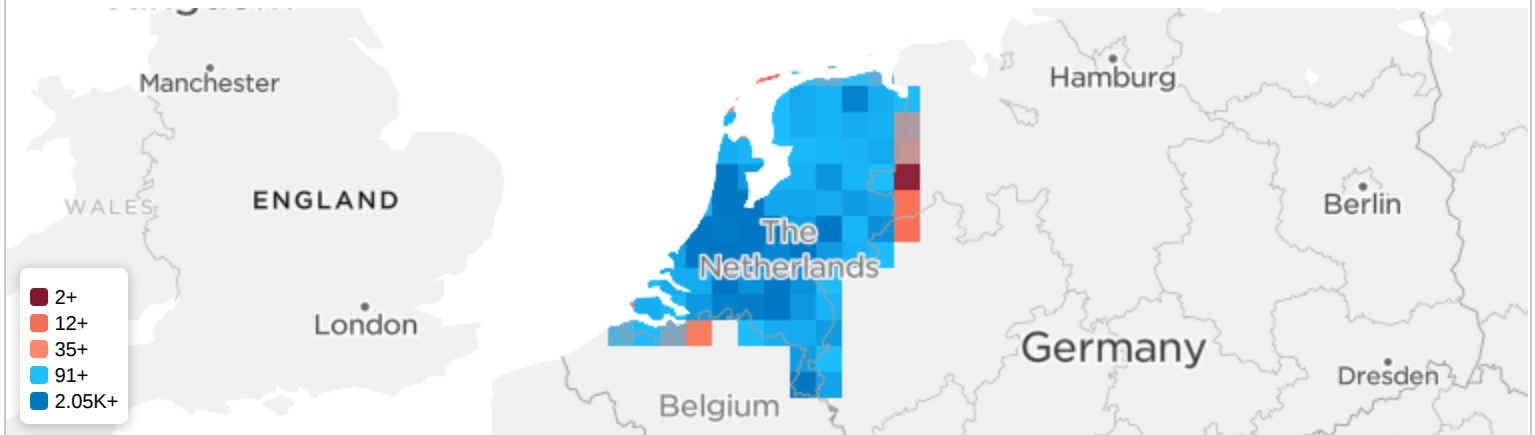
Test Counts

KPN Mobile	37,385
T-Mobile	45,812
Vodafone	37,344



Tests Taken

Ookla® compared 120,541 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

45,323

iPhone 13 Pro	5,712
iPhone 12 5G	5,121
iPhone 12 Pro 5G	4,721
iPhone 13 Pro Max	4,543
iPhone 12 Pro Max 5G	4,014

Median Download Speed

149.89 Mbps

KPN Mobile	191.51
T-Mobile	159.25
Vodafone	101.93

Median Upload Speed

29.84 Mbps

KPN Mobile	39.81
T-Mobile	36.28
Vodafone	16.80

Median Latency

21 ms

KPN Mobile	19
T-Mobile	22
Vodafone	21

How Speed Score™ Works

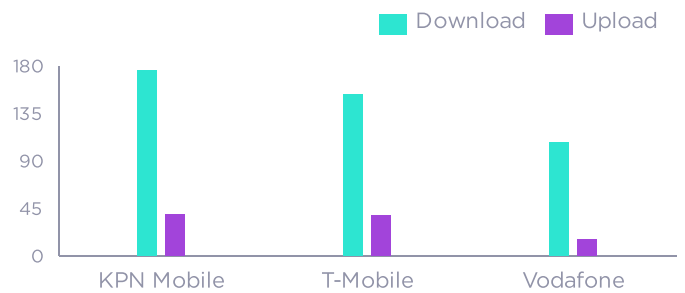
When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the entire market with 5G results for the full award period). We then determine the fastest 5G carrier using Speed Score for 5G results which incorporates a measure of each provider’s 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	191.59	310.85	191.51	73.00	41.18	87.96	39.81	5.32
T-Mobile	161.00	288.13	159.25	47.90	37.30	78.63	36.28	4.18
Vodafone	106.36	219.64	101.93	28.61	18.98	52.79	16.80	2.61

City Network Speeds

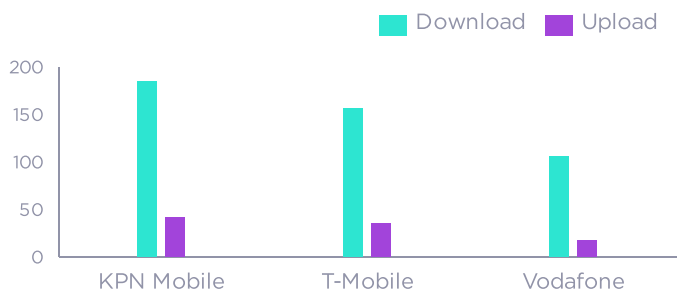
Amsterdam

Carrier	Download Mbps	Upload Mbps
KPN Mobile	175.76	39.49
T-Mobile	153.38	38.37
Vodafone	107.77	15.95



Rotterdam

Carrier	Download Mbps	Upload Mbps
KPN Mobile	184.71	41.79
T-Mobile	155.88	35.64
Vodafone	106.25	16.86



Utrecht

Carrier	Download Mbps	Upload Mbps
KPN Mobile	185.82	42.27
T-Mobile	164.18	41.83
Vodafone	105.84	16.52

