



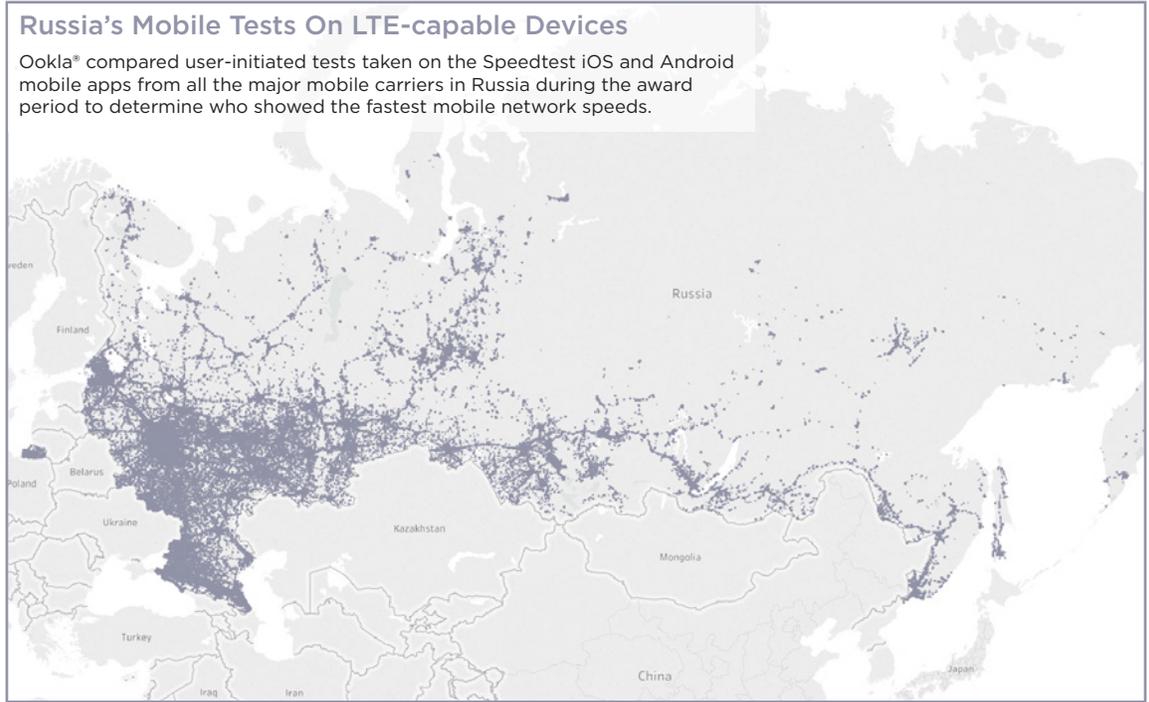
Speed Score
21.79

Russia Q1-Q2 2018

MegaFon is Russia's Speedtest® Awards Winner for mobile network speed. To win this award, MegaFon achieved a Speed Score™ of 21.79, with average speeds of 24.68 Mbps for download and 10.57 Mbps for upload.

Carrier	Test Count	Speed Score
MegaFon	2,868,624	21.79
MTS	2,073,763	13.85
Tele2	1,288,399	12.56
Beeline	1,571,554	10.51

Speed Score incorporates a measure of each provider's download and upload speed to rank network speed performance. See next page for more detail.



Market Statistics

Test Count

7,938,982

Average Download Speed:

17.49 Mbps

Average Upload Speed:

7.95 Mbps

Average Latency:

51 ms

Unique Devices
1,455,991



Mbps



Mbps



ms

iPhone 7 87,216

MegaFon 24.68

MegaFon 10.57

MegaFon 50

iPhone 5s 79,246

MTS 15.49

MTS 6.96

MTS 49

iPhone 6 70,532

Tele2 13.83

Tele2 6.50

Tele2 57

iPhone SE 63,533

Beeline 11.63

Beeline 6.27

Beeline 49

iPhone 6s 59,084

How Speed Score Works

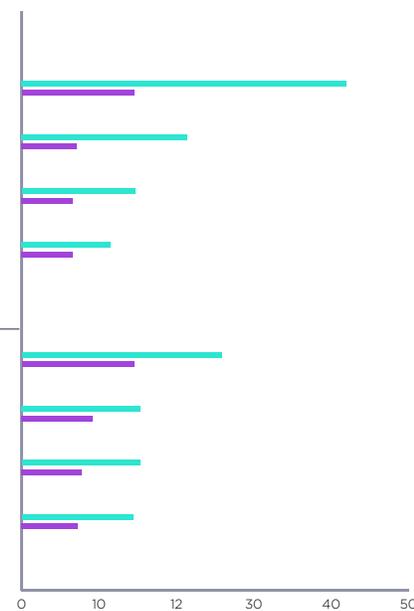
When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the market for the period). We then determine the fastest carrier using Speed Score which incorporates a measure of each provider’s download and upload speed to rank network speed performance (90% of the final Speed Score is attributed to download speed and the remaining 10% 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 1:2:1 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.



Carrier Name	Download Trimean	90 th Percentile	50 th Percentile	10 th Percentile	Upload Trimean	90 th Percentile	50 th Percentile	10 th Percentile
MegaFon	23.07	55.33	16.82	3.34	10.23	24.77	7.45	1.26
MTS	14.65	33.15	11.46	3.09	6.64	15.42	5.13	1.07
Tele2	13.25	27.40	11.25	2.54	6.35	15.02	4.66	0.90
Beeline	11.01	24.93	8.68	1.75	5.96	14.36	4.30	0.89

City Network Speeds

City	Carrier	Speed Score	Download Mbps	Upload Mbps
Moscow	MegaFon	37.36	41.93	14.46
	MTS	19.25	21.50	7.30
	Tele2	13.54	14.84	6.83
	Beeline	10.52	11.59	6.79
St Petersburg	MegaFon	23.18	25.74	14.46
	Tele2	14.41	15.45	9.40
	MTS	13.89	15.43	7.78
	Beeline	13.29	14.55	7.27



Methodology

For more information on our methodology visit Speedtest.net/Awards