

A1 is Bulgaria's Speedtest Awards™ Winner for mobile network speed during Q3—Q4 2024

241.09

Speed Score™

185.96

Median Speed Mbps


22.89

Median Speed Mbps

Speed Score™

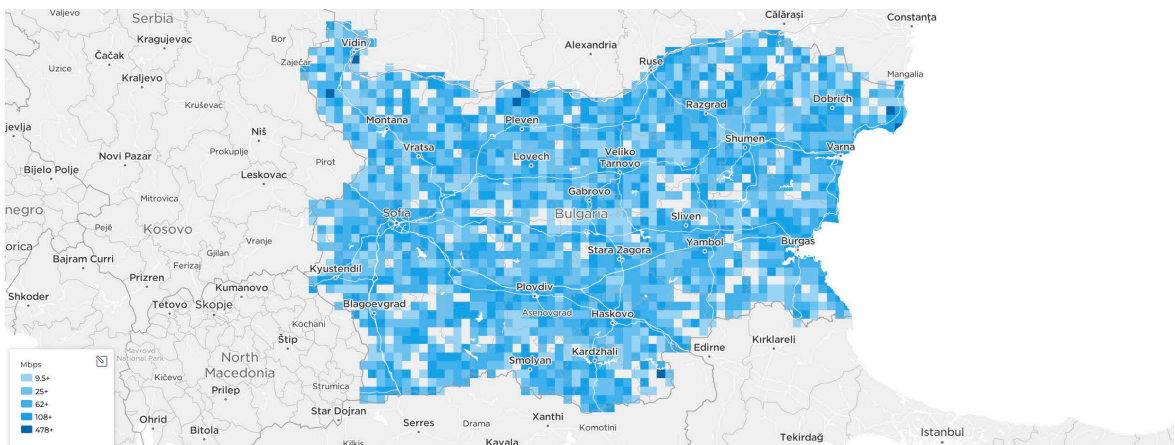
Speed Score™	
A1	241.09
Yettel	191.11
Vivacom	175.49

Test Counts	
A1	208,372
Yettel	174,248
Vivacom	227,938



Tests Taken

Ookla® compared 654,699 user-initiated tests taken on the Speedtest iOS and Android mobile apps from all the major mobile carriers in Bulgaria during the award period to determine who showed the fastest mobile network speeds.



Market Statistics

Unique Devices

85,572

iPhone 15 Pro	4,167
iPhone 15 Pro Max	4,426
iPhone 13	3,904
iPhone 14 Pro	3,579
Galaxy S24 Ultra	3,247

Median Download Speed

160.39 Mbps

A1	185.96
Yettel	156.16
Vivacom	140.68

Median Upload Speed

22.30 Mbps

A1	22.89
Yettel	23.78
Vivacom	20.37



Median Latency

20 ms

A1	17
Yettel	20
Vivacom	26



How Speed Score™ Works

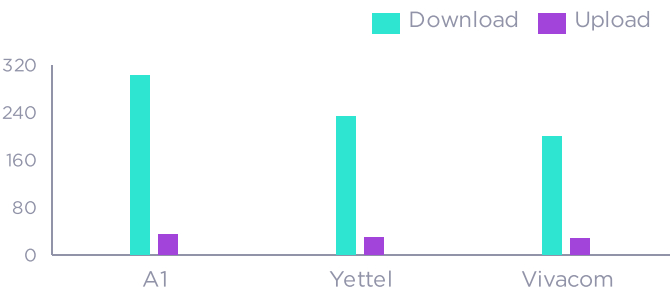
When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the entire market for the full award period). We then determine the fastest carrier using Speed Score for results which incorporates a measure of each provider's download and upload 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.

	 Download Trimean	90th Percentile	50th Percentile	10th Percentile	 Upload Trimean	90th Percentile	50th Percentile	10th Percentile
A1	294.03	760.39	267.09	43.14	29.32	79.32	26.31	3.39
Yettel	231.85	585.87	210.43	49.20	28.17	68.75	26.09	4.31
Vivacom	213.04	592.40	189.87	19.12	25.25	65.73	22.89	3.66



Region Network Speeds

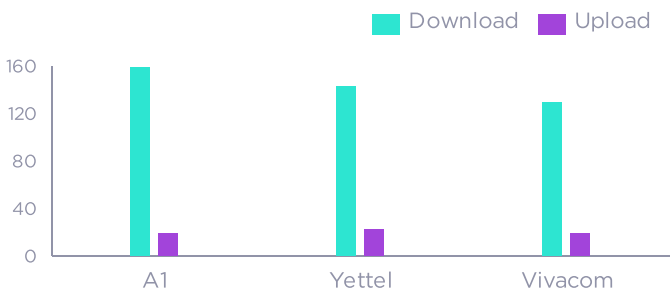
Sofia-city

Carrier	 Download Mbps	 Upload Mbps
A1	302.58	34.24
Yettel	233.45	29.48
Vivacom	199.46	28.35





Plovdiv Province

Carrier	 Download Mbps	 Upload Mbps
A1	158.79	18.92
Yettel	142.43	22.00
Vivacom	129.37	18.70



Varna

Carrier	 Download Mbps	 Upload Mbps
A1	207.07	23.92
Vivacom	176.01	22.57
Yettel	173.09	25.22

