



NET CHECK

**FASTEST
5G STANDALONE**

NET CHECK 2026

**UK'S
FASTEST
5G STANDALONE
NETWORK**

BENCHMARK MEASUREMENT OF
MOBILE NETWORKS IN UK

JUNE/JULY 2026

UK'S FASTEST 5G STANDALONE NETWORK

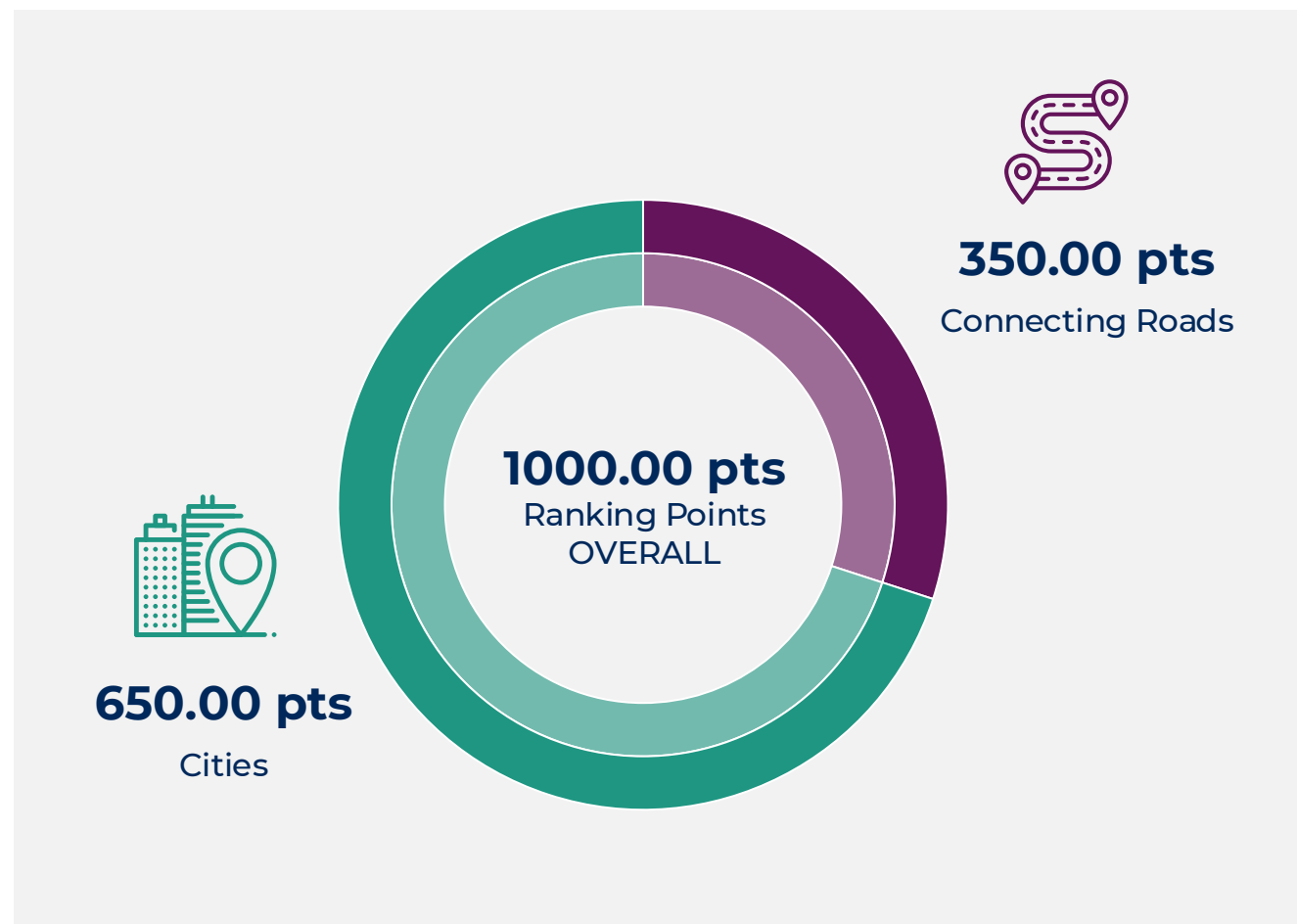
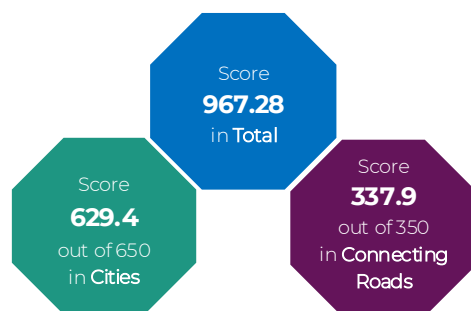
NET CHECK pairs engineering expertise with statistically rigorous methodologies in order to collect data on mobile network performance.

The focus is on precise, unbiased and balanced comparison between different mobile networks. Different levels of service are evaluated, ranging from basic functionality to full technology potentials. The needed amount of data is obtained through extensive drive testing.

The Benchmarking Methodology is updated once a year, staying on top of the industry trends.

Operators can earn a maximum of 1000 points, with 650 points for cities and 350 points for connecting roads.

With an overall score of 967.28 points, Vodafone UK achieved the highest score, followed by EE and then O2.



DRIVE TEST ROUTE & MEASUREMENT SETUP

MEASUREMENT PERIOD: 25th of June – 25th of July 2026
(no measurements during public holidays)

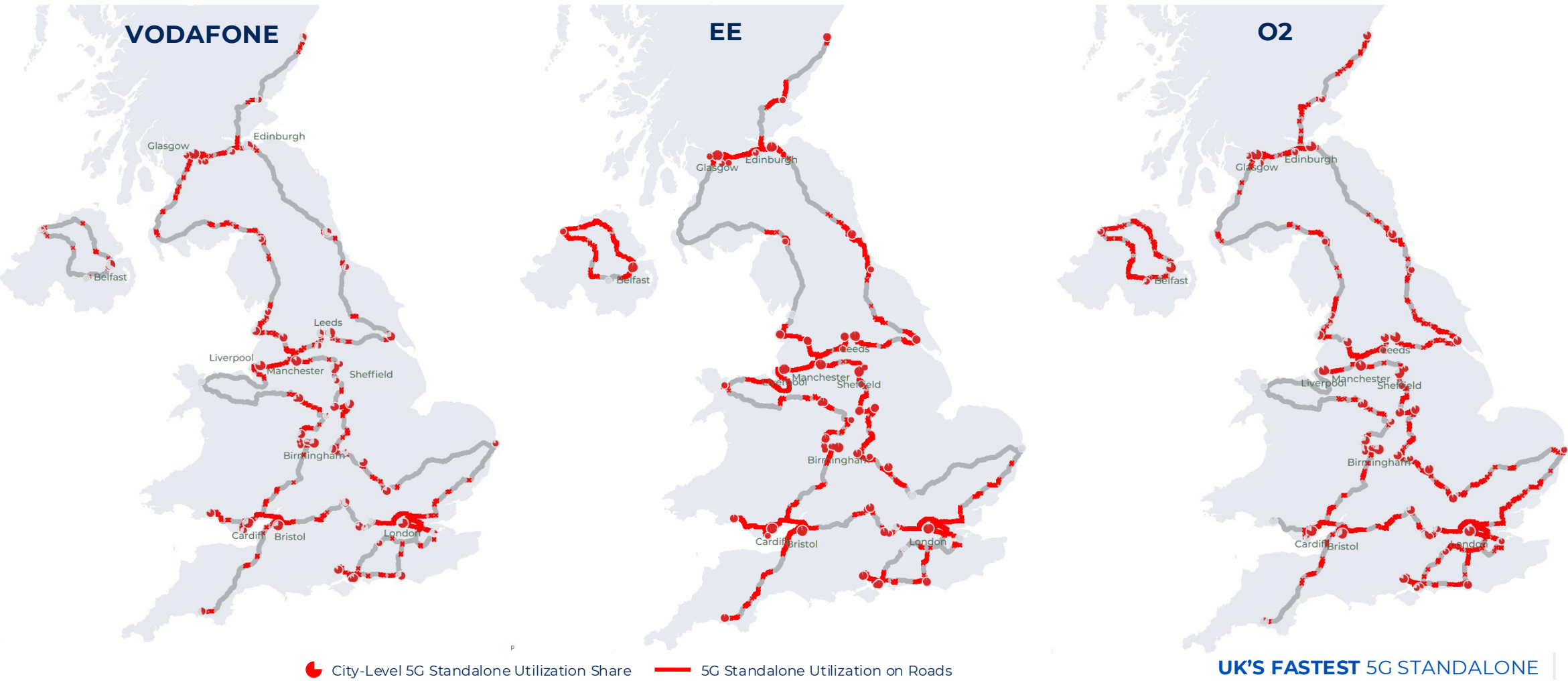


	5G STANDALONE SERVICES
MEASUREMENT DEVICE	Samsung S25+
MEASUREMENT EQUIPMENT	SwissQual Smart Benchmark II (Rohde & Schwarz)
MEASUREMENT OBJECTIVE	Big Cities Medium Cities Small Cities and Towns Connecting Roads
SAMPLE COUNT	~ 13,500 per operator
TEST CASE SCENARIO	Download and Upload tests: - time based (FDTT): DL HTTP 7s - time based (FDTT): UL UDP 7s

MEASUREMENT SCOPE

5G SA DISTRIBUTION

For all three operators, the 5G standalone network is geographically distributed nationwide, both in cities and along connecting roads. The share of 5G SA samples was 58.4 % at Vodafone, 87.6 % at EE and 73.6 % at O2.



KPI RESULTS

KPI DESCRIPTION

DOWNLOAD (Test Duration 7 seconds)

FDTT DL Throughput Average [Mbps]	Average file download speed
FDTT DL Throughput > 100Mbps Ratio [%]	Percentage of tests with average file download speed greater than 100Mbps
FDTT DL Throughput P90 [Mbps]	90% of total measured tests slower than

UPLOAD (Test Duration 7 seconds)

FDTT UL Throughput Average [Mbps]	Average file upload speed
FDTT UL Throughput > 20Mbps Ratio [%]	Percentage of tests with average file upload speed greater than 20Mbps
FDTT UL Throughput P90 [Mbps]	90% of total measured tests slower than

DRIVE CITY

KPI



DOWNLOAD (Test Duration 7 seconds)

FDTT DL Throughput Average [Mbps]	319.72 [Mbit/s]	301.11 [Mbit/s]	207.85 [Mbit/s]
FDTT DL Throughput > 100Mbps Ratio [%]	84.71%	84.04%	73.02%
FDTT DL Throughput P90 [Mbps]	661.95 [Mbit/s]	589.68 [Mbit/s]	416.17 [Mbit/s]

UPLOAD (Test Duration 7 seconds)

FDTT UL Throughput Average [Mbps]	55.47 [Mbit/s]	46.61 [Mbit/s]	29.11 [Mbit/s]
FDTT UL Throughput > 20Mbps Ratio [%]	79.88%	70.66%	53.14%
FDTT UL Throughput P90 [Mbps]	114.44 [Mbit/s]	96.89 [Mbit/s]	68.31 [Mbit/s]

DRIVE CONNECTING ROADS

KPI



DOWNLOAD (Test Duration 7 seconds)

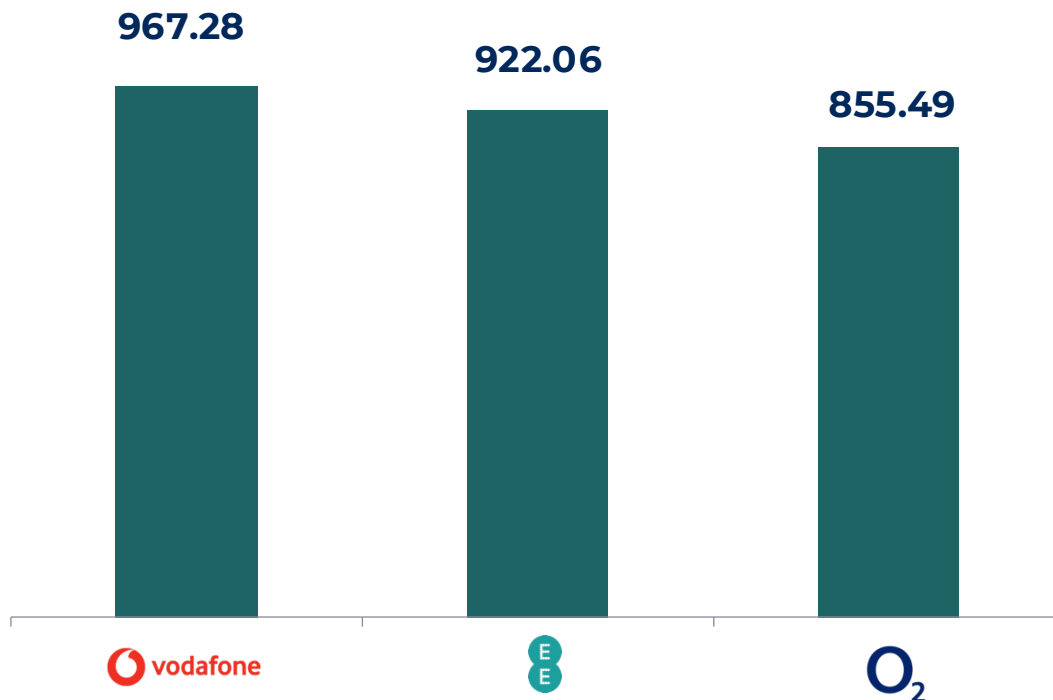
FDTT DL Throughput Average [Mbps]	310.32 [Mbit/s]	239.72 [Mbit/s]	187.26 [Mbit/s]
FDTT DL Throughput > 100Mbps Ratio [%]	82.85%	73.08%	61.24%
FDTT DL Throughput P90 [Mbps]	669.30 [Mbit/s]	511.23 [Mbit/s]	437.47 [Mbit/s]

UPLOAD (Test Duration 7 seconds)

FDTT UL Throughput Average [Mbps]	56.06 [Mbit/s]	41.80 [Mbit/s]	27.49 [Mbit/s]
FDTT UL Throughput > 20Mbps Ratio [%]	78.49%	66.08%	48.80%
FDTT UL Throughput P90 [Mbps]	113.91 [Mbit/s]	88.29 [Mbit/s]	64.62 [Mbit/s]

RANKING RESULTS FOR FASTEST 5G SA NETWORK

Vodafone has the fastest 5G Standalone Network.



Overall
[max 1,000 points]



City
[max 650 points]

Connecting Roads
[max 350 points]

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NETWORK**

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