

07/17/2025

Barometer of mobile Internet connections in Malaysia

07/01/2024 - 06/30/2025



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**nPerf Network
assessment**

Expert in the telecom network optimization

nPerf is an independent French company based in Lyon (France). For over a decade, nPerf has been a trusted partner for both fixed and mobile operators, providing comprehensive network testing solutions and analysis. Our mission is to accurately measure, evaluate, and enhance the understanding of Internet connectivity around the world.

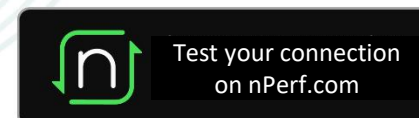
 **300k+** tests daily
worldwide.

 **26Md+** coverage
scans in total.

 **3k+** servers all
around the world.

Test your Internet connection with nPerf!

nPerf allows you to test the quality of your fixed, mobile, or Wi-Fi Internet connections up to 10 Gb/s! Download our app or visit our website!



2. Executive Summary



The subscribers of Maxis enjoyed the best mobile Internet performances in 2025.

Mobile Internet connections in Malaysia

	CelcomDigi	Maxis	U	Unifi	Yes
▼ Download bitrates (Mb/s)	86.60	96.33	98.54	105.75	129.97
▲ Upload bitrates (Mb/s)	18.38	19.64	18.83	17.64	18.40
◀▶ Latency (ms)	41.48	36.25	41.34	50.04	47.69
🌐 Web browsing (%)	59.49	63.23	59.79	61.15	56.81
🎥 Youtube streaming (%)	79.26	79.75	78.09	79.27	74.01
📶 nPerf Score (nPoints)	78 653	84 347	79 728	79 394	76 803

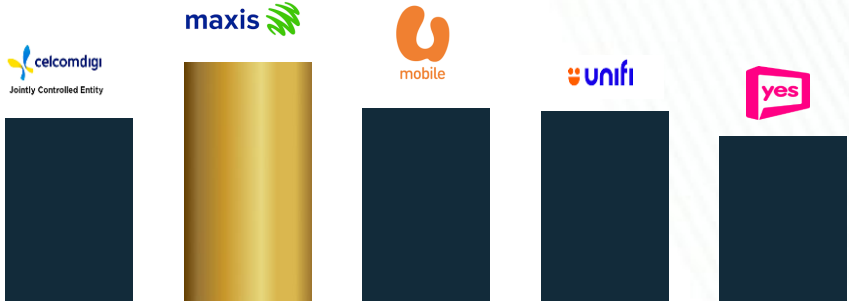
Source : nPerf.com



Best mobile Internet performance
in 2025



Source : nPerf.com



Source : nPerf.com

The subscribers of CelcomDigi and Maxis enjoyed the best 5G Internet performances in Malaysia in 2025.

5G mobile Internet connections in Malaysia

	CelcomDigi	Maxis	U	Unifi	Yes
▼ Download bitrates (Mb/s)	221.85	234.06	235.51	232.21	283.63
▲ Upload bitrates (Mb/s)	37.81	37.61	36.24	37.36	37.64
◀▶ Latency (ms)	28.98	28.63	29.84	41.93	37.00
🌐 Web browsing (%)	68.90	70.24	68.14	65.52	68.61
🎬 Youtube streaming (%)	83.54	83.10	81.63	80.36	79.27
📶 nPerf Score (nPoints)	107 112	108 542	105 267	97 939	103 309

Source : nPerf.com

3. Analysis



Introduction

Mobile Internet performance in Malaysia has shown positive trends over the past year, with the overall market delivering good speeds and service quality. Maxis has claimed the top position in the overall ranking, establishing itself as the new market leader. In the 5G segment, which is the active focus area for the country, Maxis is co-leader with CelcomDigi with a strong score. Looking at individual performance metrics, Yes delivers the best download speeds, while Maxis excels in upload performance, latency, and browsing. The video streaming category sees a tight competition with CelcomDigi, Maxis, and Unifi delivering nearly identical quality.

Maxis: Leading the Malaysian mobile market with balanced performance

With a score of 84,347 nPoints, Maxis has secured the first place in the overall ranking. The operator delivers a well-rounded performance across key metrics, achieving the top position in multiple categories. Maxis is number one for upload speeds (19.6 Mbps), latency (36.3 ms), and browsing quality (63.2%), making it an excellent choice for users who prioritize responsive web browsing and stable video conferencing. The operator's balanced approach to network optimization provides customers with a consistently good experience across various online activities.

U: Solid performance with good download speeds

U ranks second with a score of 79,728 nPoints, showing good overall performance. The operator offers competitive download speeds of 98.5 Mbps, positioning itself in the middle of the pack. U has shown notable improvement in browsing quality with an 11.7% increase, and its latency has improved by 16.6%, enhancing the user experience for real-time applications. These improvements make U a solid choice for users who require dependable performance for everyday internet activities.

Unifi: Competitive offering with strong download performance

Earning a score of 79,394 nPoints, Unifi secures the third position in the ranking. The operator delivers good download speeds of 105.7 Mbps and remains competitive in the video streaming category where it shares the top position with CelcomDigi and Maxis. Unifi's browsing score of 61.2% ensures a smooth web experience, making it suitable for users who regularly consume online content and navigate websites.

CelcomDigi: Co-leader in 5G and Most improved operator

CelcomDigi follows closely with 78,653 nPoints, claiming the fourth position. The operator has shown the most significant improvements across multiple metrics with download speeds increasing by 27.0%, upload speeds by 27.7%, and browsing quality by 11.4%. CelcomDigi shares the top position in video streaming performance (79.3%), making it a good choice for users who frequently watch online videos. Its overall score has improved by 11.1%, demonstrating consistent network enhancements.

Yes: Download speed champion

Yes completes the ranking with 76,803 nPoints but stands out as the clear leader in download speeds with an impressive 130.0 Mbps, significantly ahead of its competitors. This makes Yes particularly well-suited for users who frequently download large files or require high bandwidth for demanding applications. Despite its lower overall ranking, the operator's download speed advantage provides a unique selling point in the Malaysian market.

Conclusion

The Malaysian mobile internet landscape shows a competitive environment with Maxis taking the lead in the overall ranking. Each operator demonstrates distinct strengths, with Yes dominating in download speeds, while Maxis offers the most balanced performance across all metrics. The ongoing improvements, particularly from CelcomDigi, indicate a healthy competitive market that continues to enhance service quality for Malaysian consumers.

4. Methodology



nPerf provides a free application to assess Internet connection quality via its website and mobile apps (Android, iOS). Daily, thousands of people rely on nPerf for speed tests in their country, contributing to a comprehensive crowdsourced database covering all operators.

The study employs a strong filtering method to reflect real customer experiences on a specific network (mobile or fixed line). Measures are taken to prevent probes and measurement robots from affecting the results.

We assess:

▼ Download bitrate

Indicates the amount of data your connection can receive in one second from the nPerf server. The highest the measured value, the best is the bitrate of your connection.

▲ Upload bitrate

Indicates the amount of data your connection can send in one second to the nPerf server. The highest the measured value, the best is the bitrate of your connection.

◄► Latency (ping)

It indicated the delay a small packet of data requires to make a round-trip from your computer to the nPerf server. The shorter the delay, the most reactive your connection is. The mean is the minimum value.

🌐 Browsing performance

The browsing test assesses the load time of the fully loaded pages, including images, javascript, CSS, and fonts, for the five most popular sites. This indicator reflects the perceived quality by the user.

📺 Streaming performance

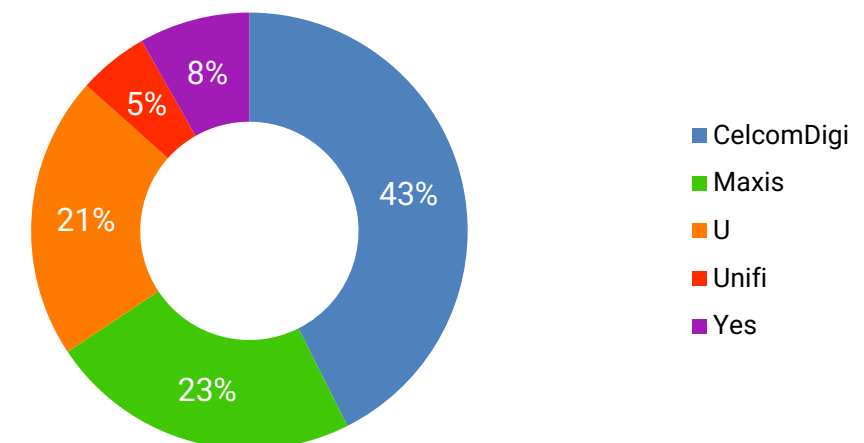
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

Statistical precision is crucial in accurately determining winners. At nPerf, we prioritize test quality, precise reporting, and transparency. Analyzing a large volume of tests in this study, we've achieved 3.0% precision for absolute values, highlighting the reliability and accuracy of our data.

For a more comprehensive understanding of the user experience, our report features test results during both Busy hours (6 PM to 11 PM) and Idle hours (the rest of the day). Busy hours, marked by network strain, can impact user experience through congestion. This approach helps in understanding how network performance fluctuates throughout the day.

We only include national Internet service providers with test share above 5% share. The chart below shows the overall test distribution for each service provider.

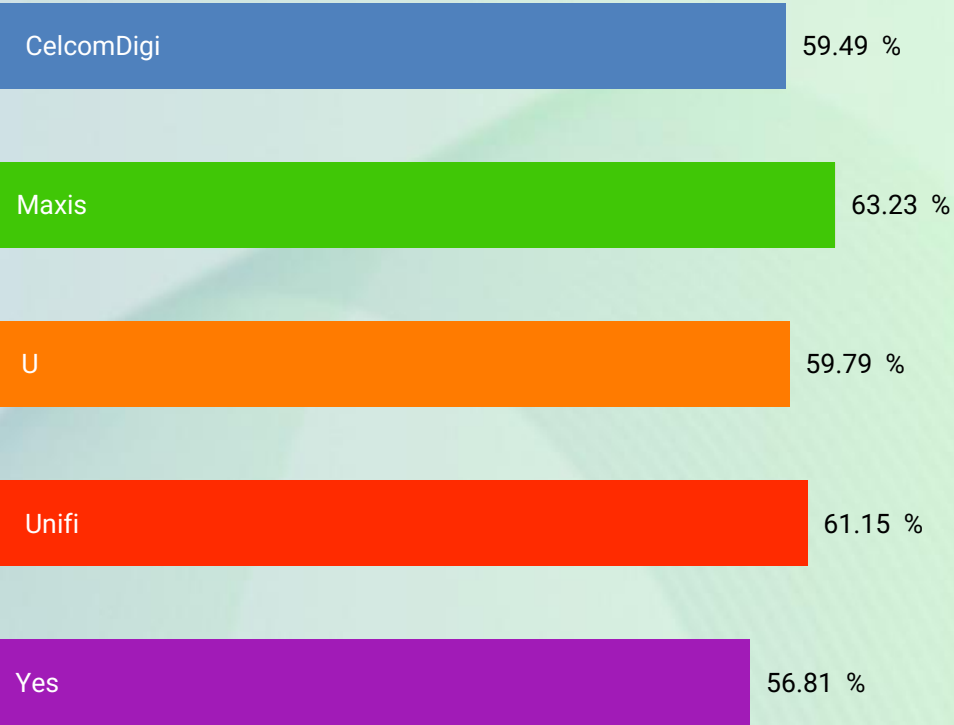
Overall distribution of the tests per provider (ISPs Share)



Source : nPerf.com



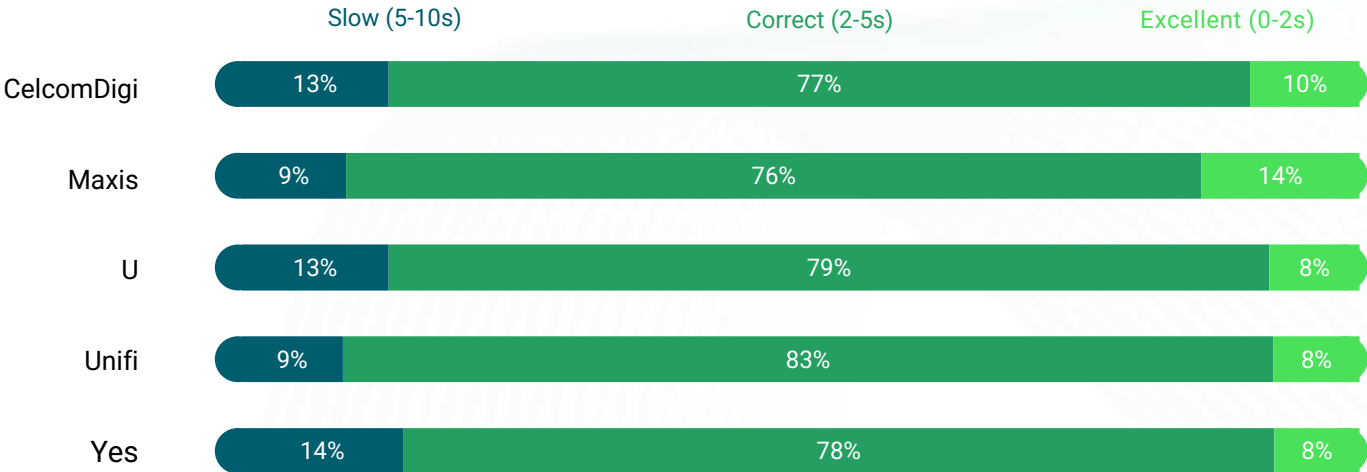
Browsing Performance rate (average)



Source : nPerf.com

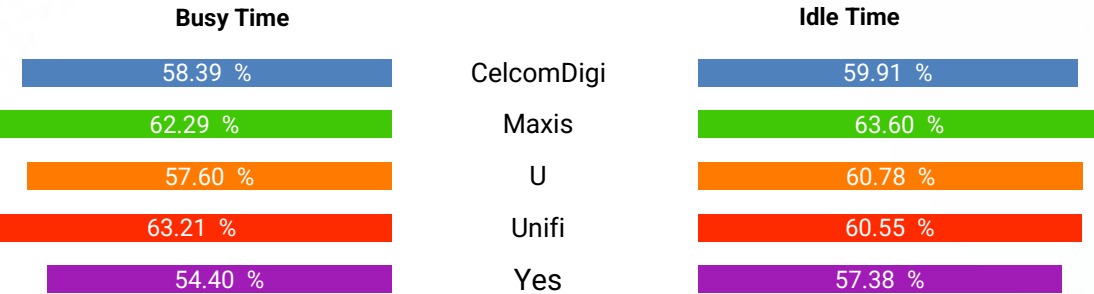
The subscribers of Maxis enjoyed the best mobile Internet browsing performance in 2025.

Browsing Performance results ventilation (average)



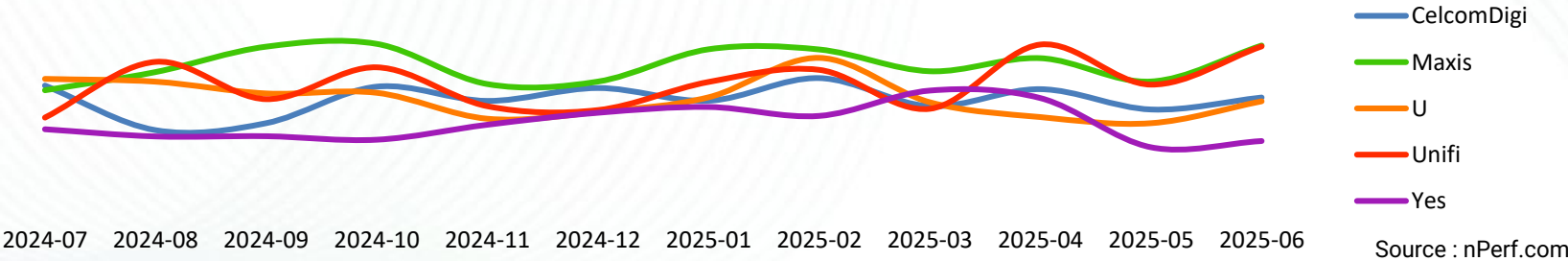
Source : nPerf.com

Browsing Performance rate (average)



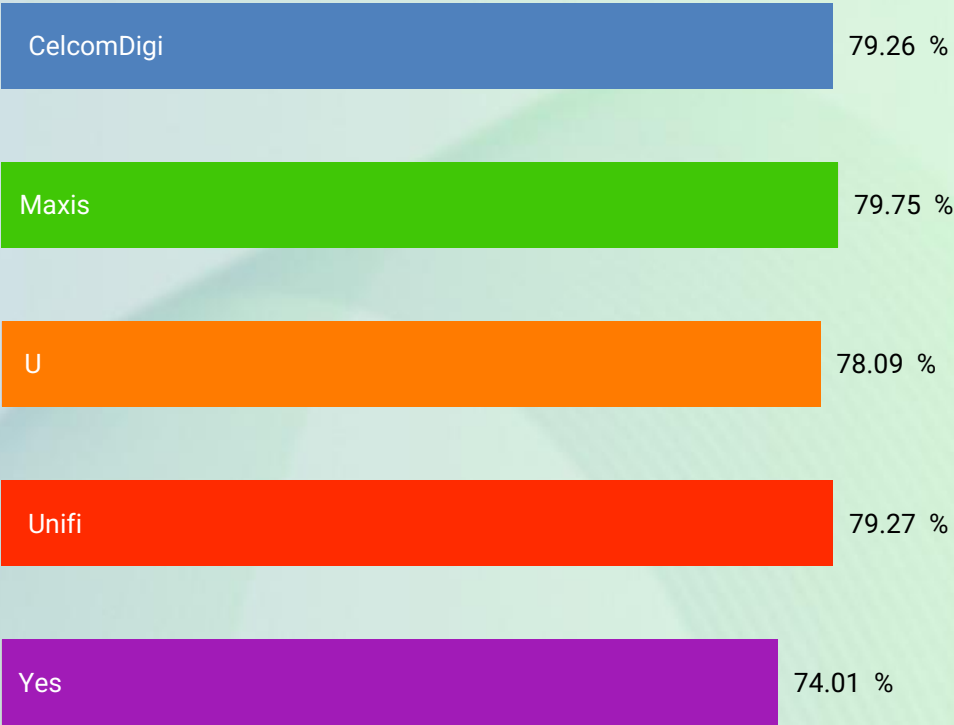
Source : nPerf.com

Browsing performance rate (average) evolution over the year





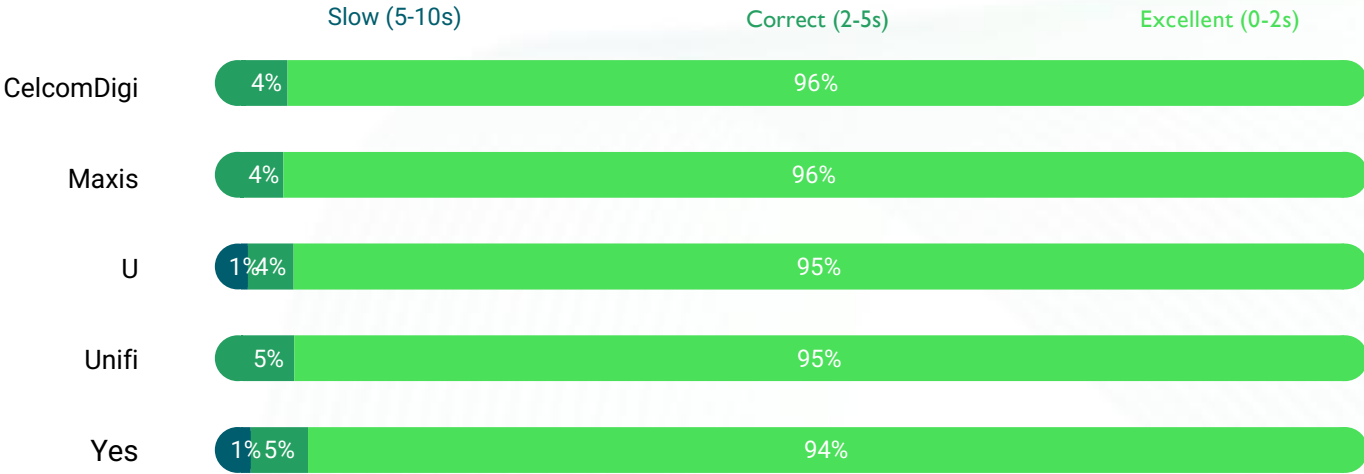
Streaming Performance rate (average)



Source : nPerf.com

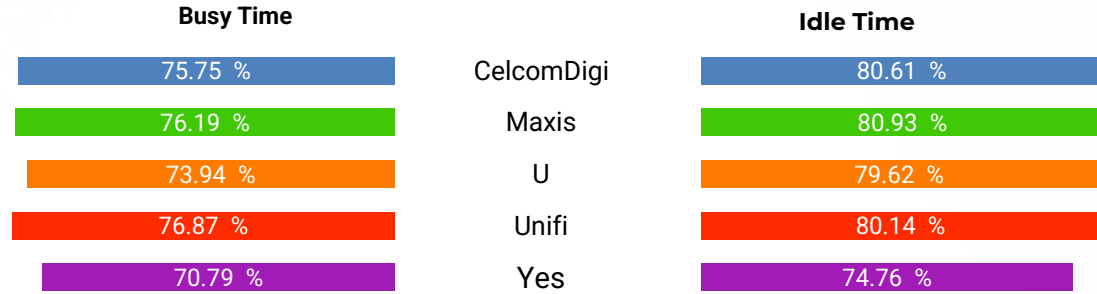
The subscribers of CelcomDigi, Maxis and Unifi enjoyed the best mobile Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



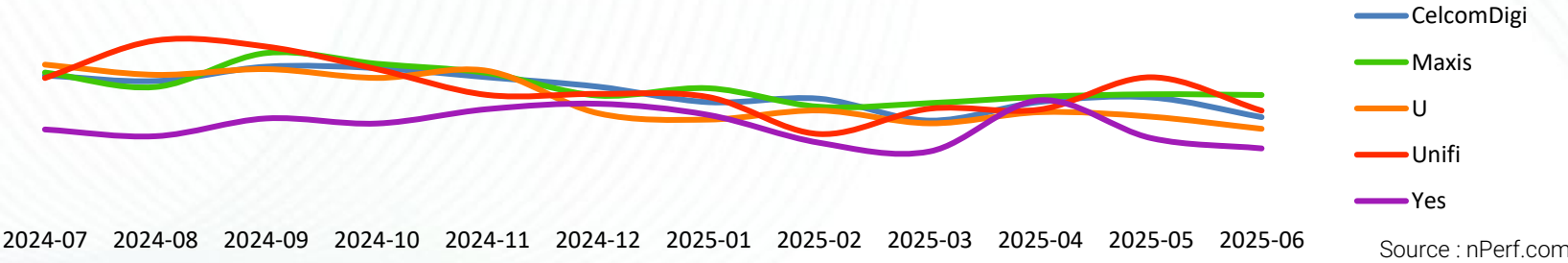
Source : nPerf.com

Streaming Performance rate (average)



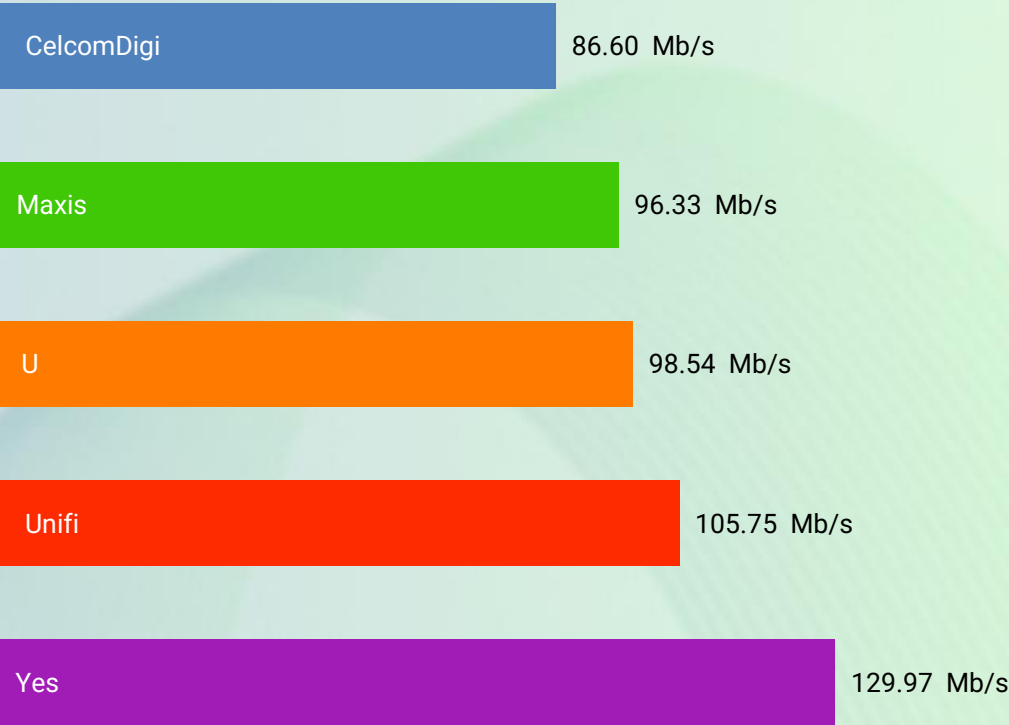
Source : nPerf.com

Streaming performance rate (average) evolution over the year





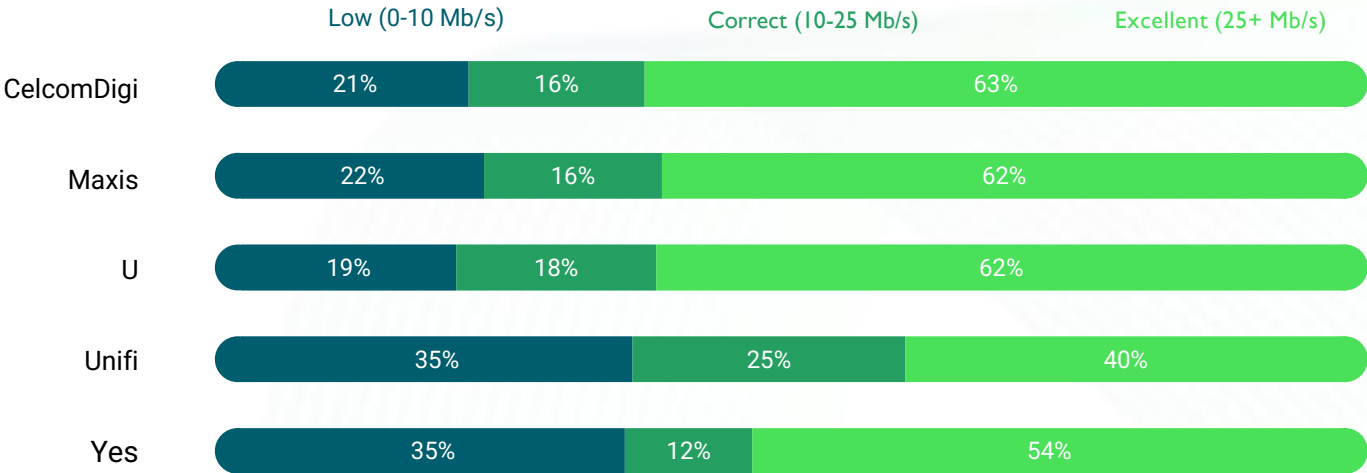
Download Speed (average)



Source : nPerf.com

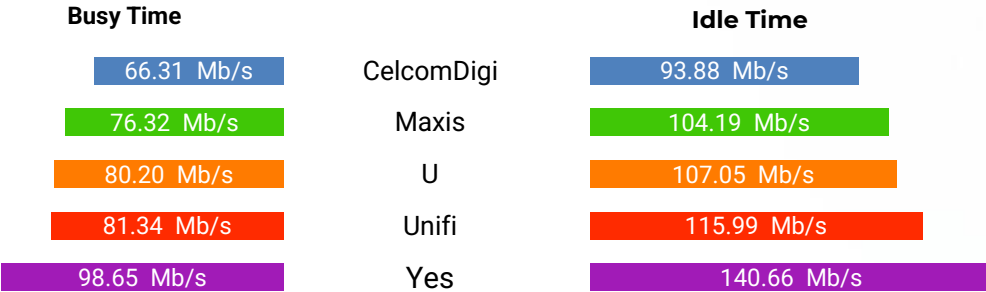
The subscribers of Yes enjoyed the best average mobile Internet download speed in 2025.

Download Speed results ventilation (average)



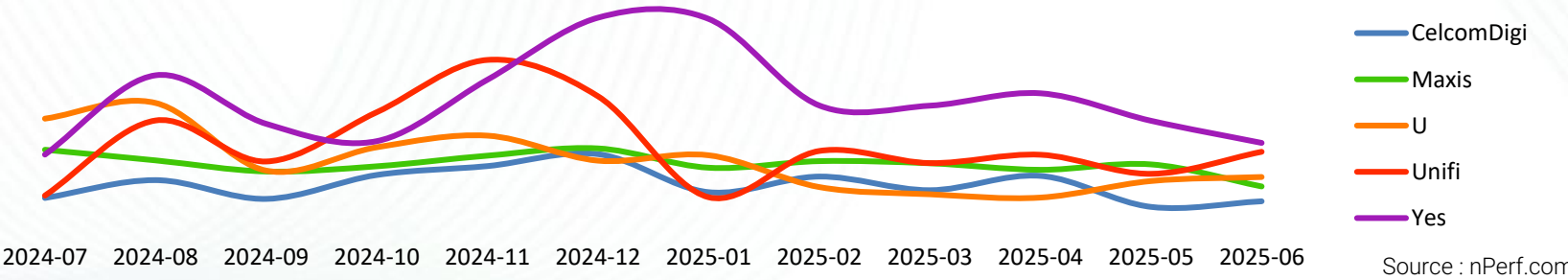
Source : nPerf.com

Download Speed (average)



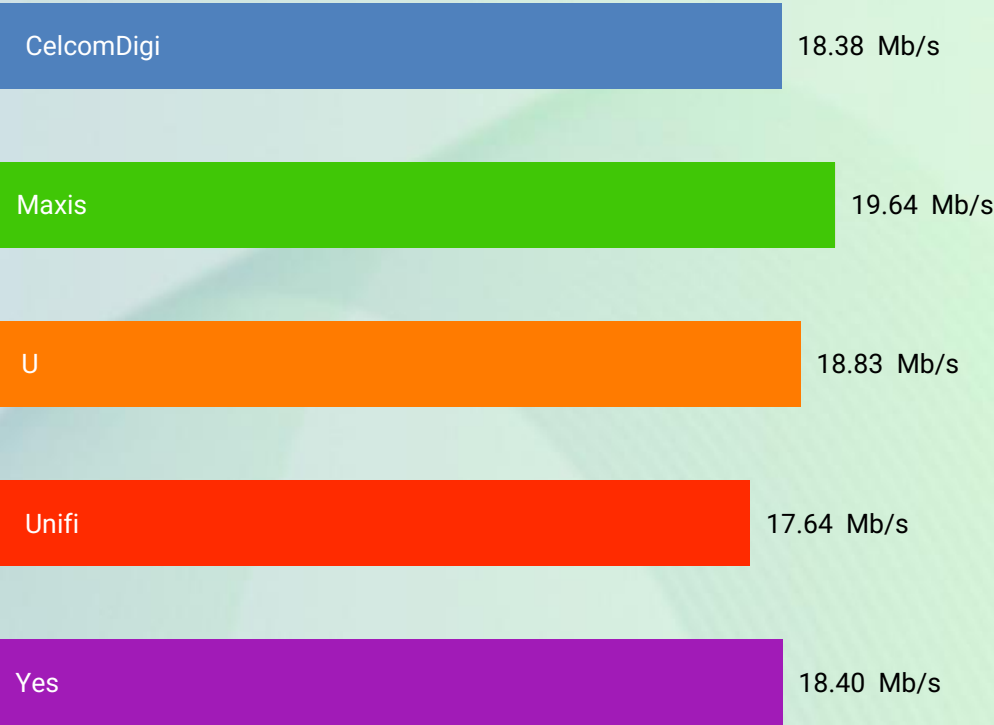
Source : nPerf.com

Download Speed evolution over the year (average)





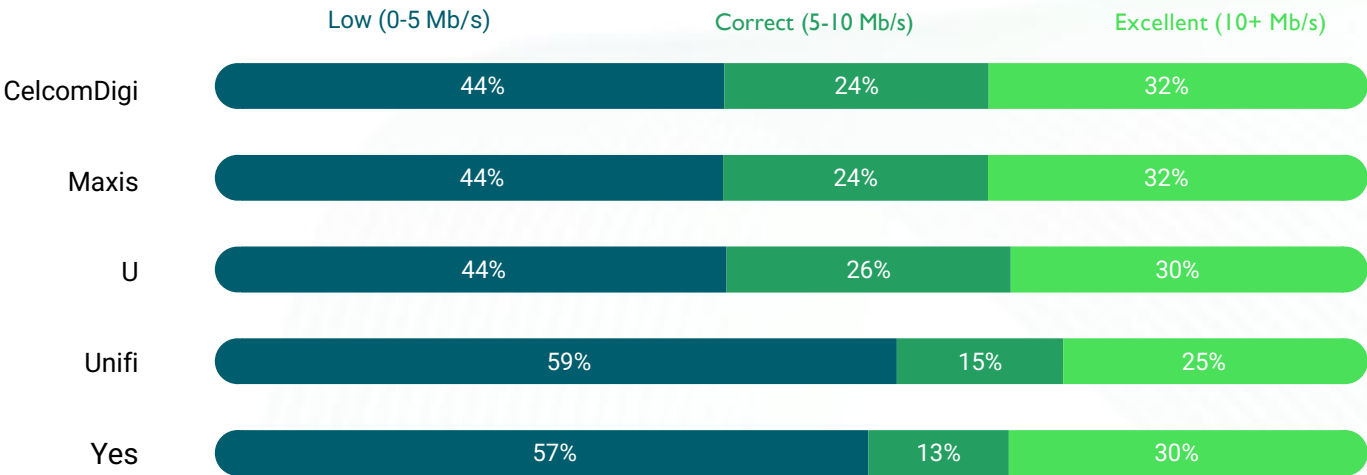
Upload Speed (average)



Source : nPerf.com

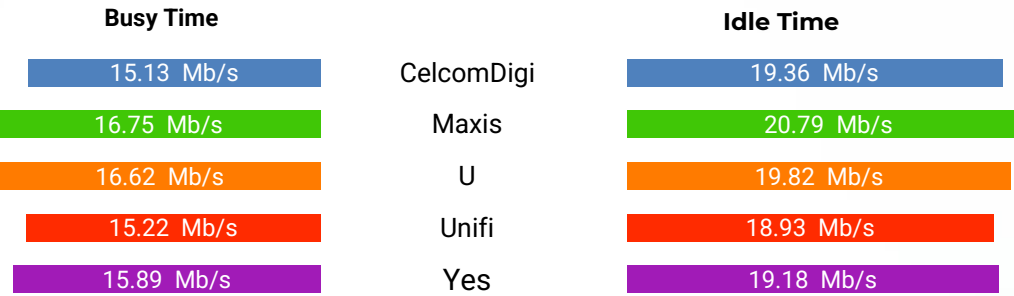
The subscribers of Maxis enjoyed the best average mobile Internet upload speed in 2025.

Upload Speed results ventilation (average)



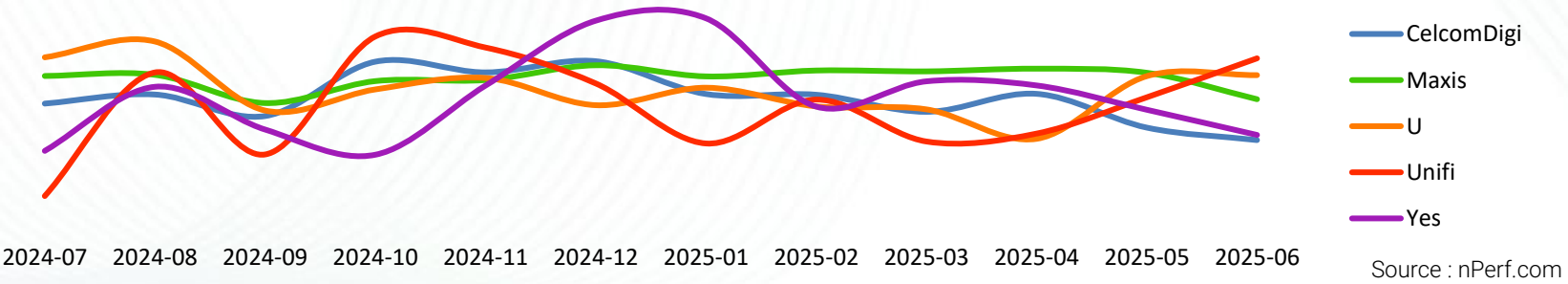
Source : nPerf.com

Upload Speed (average)



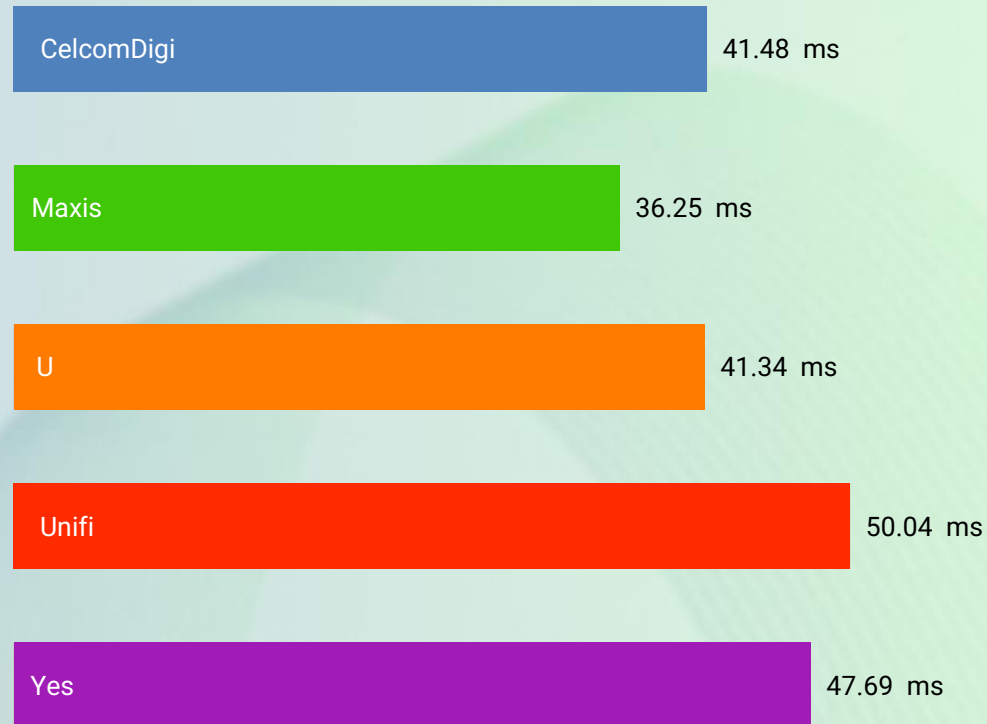
Source : nPerf.com

Upload Speed evolution over the year (average)





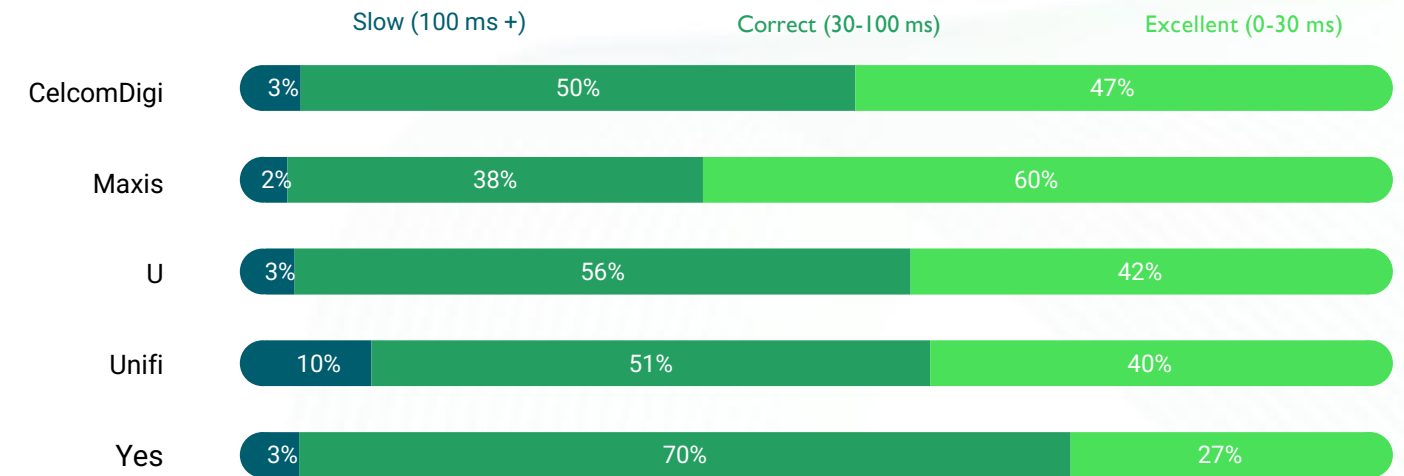
Latency Speed (average)



Source : nPerf.com

The subscribers of Maxis enjoyed the best average mobile Internet latency speed in 2025.

Latency Speed results ventilation (average)



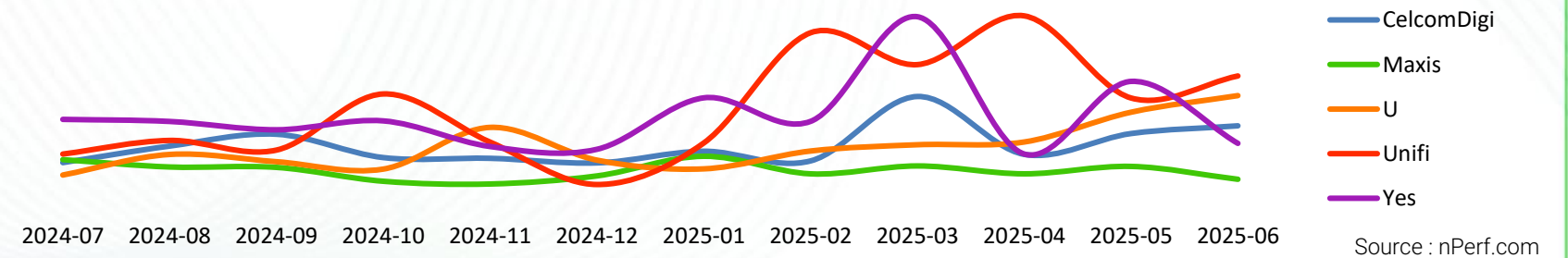
Source : nPerf.com

Latency Speed (average)

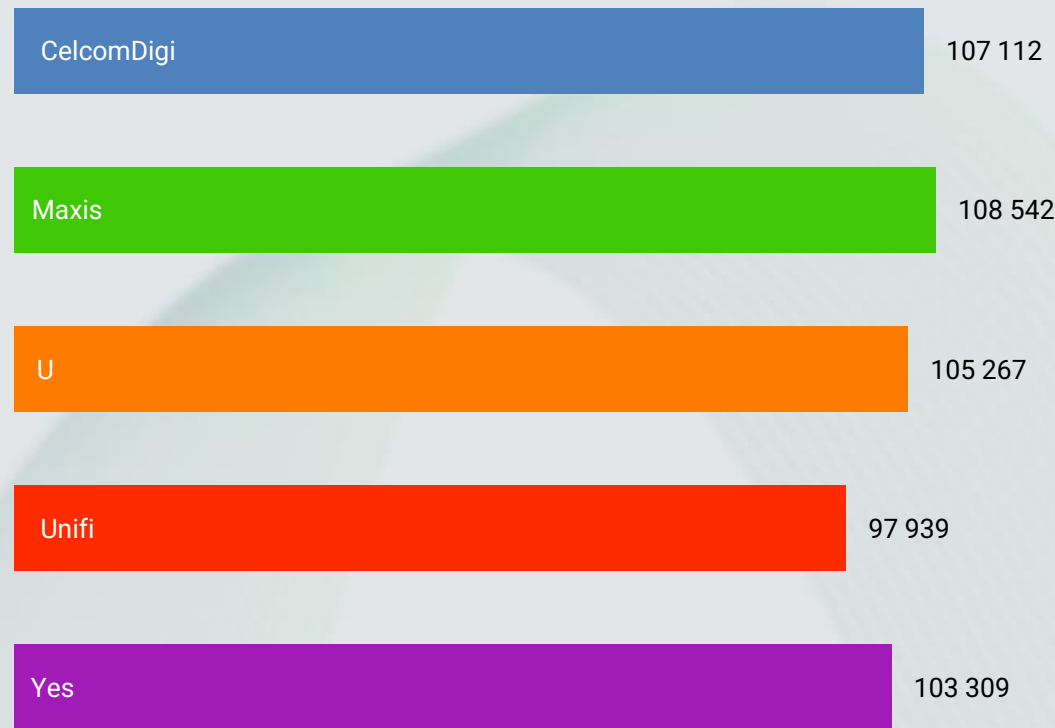


Source : nPerf.com

Latency Speed evolution over the year (average)



nPerf Score (nPoints)

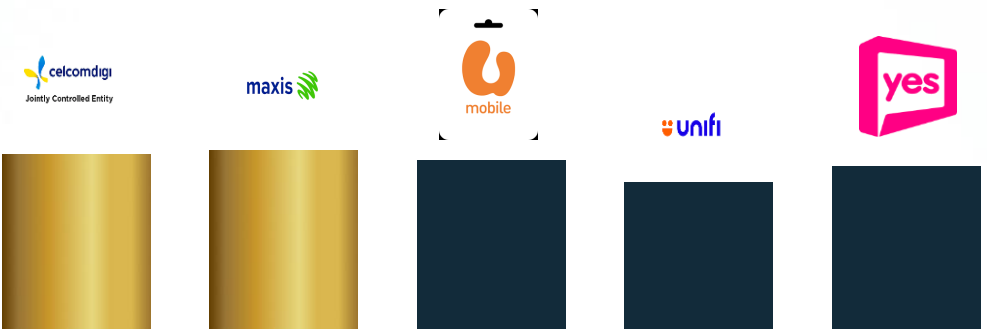


Source : nPerf.com

The subscribers of CelcomDigi and Maxis enjoyed the best 5G Internet performances in 2025.

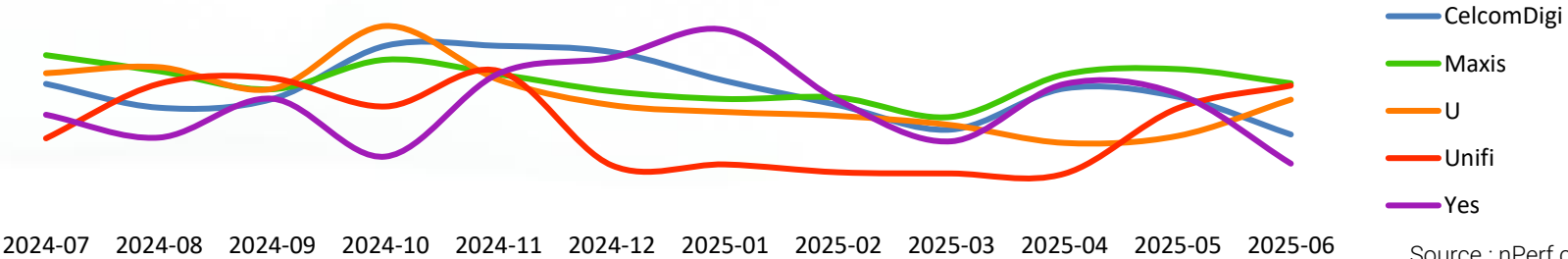
- Best performances 5G: CelcomDigi and Maxis
- Best web browsing performances 5G: Maxis
- Best video streaming performances 5G: CelcomDigi and Maxis
- Fastest performances (Download) 5G: Yes
- Fastest performances (Upload) 5G: CelcomDigi, Maxis, Unifi and Yes
- 5G connections with the lowest latency: CelcomDigi and Maxis

Source : nPerf.com



Source : nPerf.com

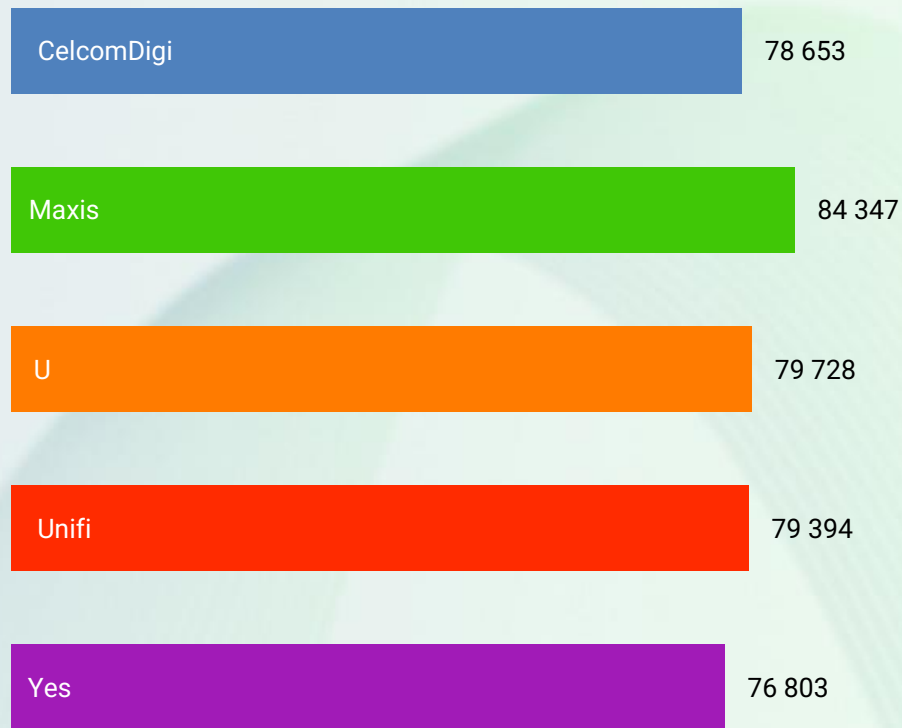
nPerf score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)

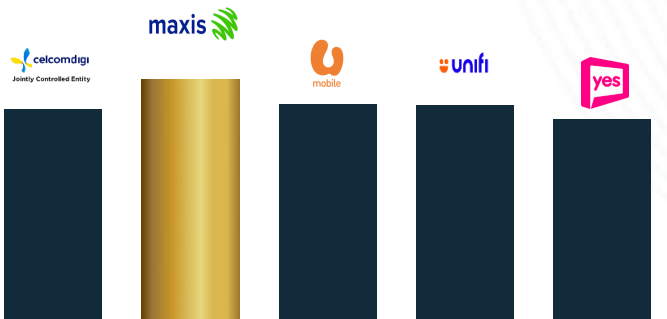


Source : nPerf.com

The subscribers of Maxis enjoyed the best mobile Internet performances in 2025.

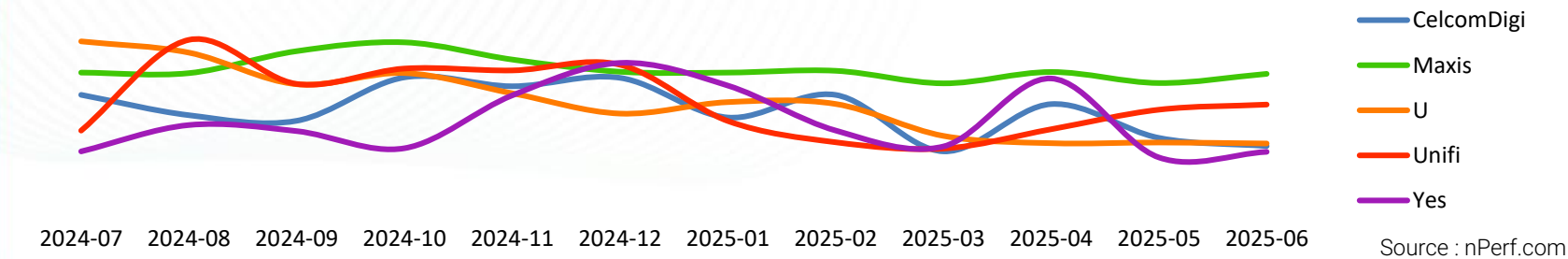
The nPerf score takes into account the measured bitrates, the latency and the QoE tests. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user. Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nPerf.com



Source : nPerf.com

nPerf score evolution over the year (average)



Source : nPerf.com

The background of the image features a series of thin, light-colored wavy lines that create a sense of motion and depth. These lines are layered and overlap, forming a complex, organic pattern that flows across the entire frame. The lines are most prominent in the center and fade slightly towards the edges.

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