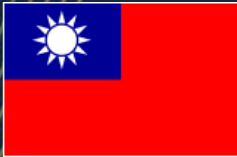


07/18/2025

Barometer of 5G Internet connections in Taiwan

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.



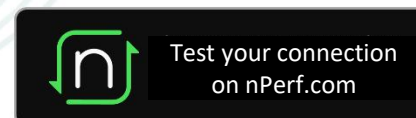
26Md+ coverage
scans in total.



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 Far EasTone enjoyed the best 5G Internet performances in 2025.

5G Internet connections in Taiwan

	Chunghwa	Far EasTone	Taiwan Mobile
▼ Download bitrates (Mb/s)	235.34	232.75	186.56
▲ Upload bitrates (Mb/s)	40.55	38.16	34.71
◀▶ Latency (ms)	75.71	70.86	79.12
🌐 Web browsing (%)	53.21	62.10	58.77
🎥 Youtube streaming (%)	87.43	88.40	86.85
📶 nPerf Score (nPoints)	89 028	95 361	88 270

Source : nPerf.com



Best 5G Internet performance in 2025



Source : nPerf.com



Source : nPerf.com

Introduction

In the Taiwanese 5G Internet sector, Far EasTone leads the overall ranking with 95,361 nPoints. Far EasTone excels in all metrics excepted upload speeds, making it ideal for heavy file downloads and quality video conferencing. Far EasTone offers the best latency (70.86 ms), providing responsive gaming experiences. For web browsing,

Far EasTone : Maintaining leadership with superiors performances

Far EasTone secures the first position in the overall ranking with 95,361 nPoints. The operator demonstrates its technical excellence by co-leading in download speeds (232.75 Mbps) getting an upload speeds of (38.16 Mbps) in the sector. These strong performance metrics make Far EasTone particularly well-suited for bandwidth-intensive activities like downloading large files or streaming high-definition content. Despite its impressive speeds, the operator has made significant progress in improving its latency, enhancing the overall user experience.

Chunghwa : Strong challenger and solid in speeds

Chunghwa achieves 89,028 nPoints, positioning itself as a strong competitor in the Taiwanese sector. The operator claims the top spot in speed performance and delivers the best download speeds (235.34 Mbps) and upload speeds (40.55 Mbps) in the country, making it an excellent choice for downloading large files. Chunghwa has shown remarkable improvement, with download speeds increasing to the previous period.

Taiwan Mobile: Excelling in content consumption

Taiwan Mobile scores 88,270 nPoints, securing the third position in the overall ranking. The operator stands out by co-leading the video streaming experience with an 86.85%. These strengths make Taiwan Mobile particularly suitable for users who prioritize streaming high-definition content. The balanced performance across key metrics demonstrates Taiwan Mobile's commitment to delivering a consistent user experience.

Conclusion

Far EasTone maintains its position as the sector leader in Taiwan's 5G internet landscape, while Chunghwa and Taiwan Mobile offer strong competition with their own distinct strengths. The Taiwanese 5G sector shows healthy competition, with each operator excelling in different aspects of performance. Far EasTone's significant improvements in download speeds and latency highlight the ongoing network enhancements across the sector, benefiting Taiwanese consumers with increasingly better 5G internet experiences.

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

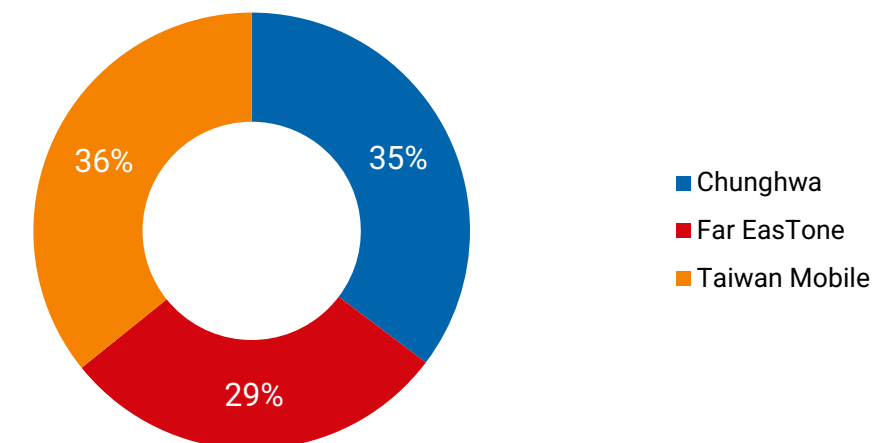
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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



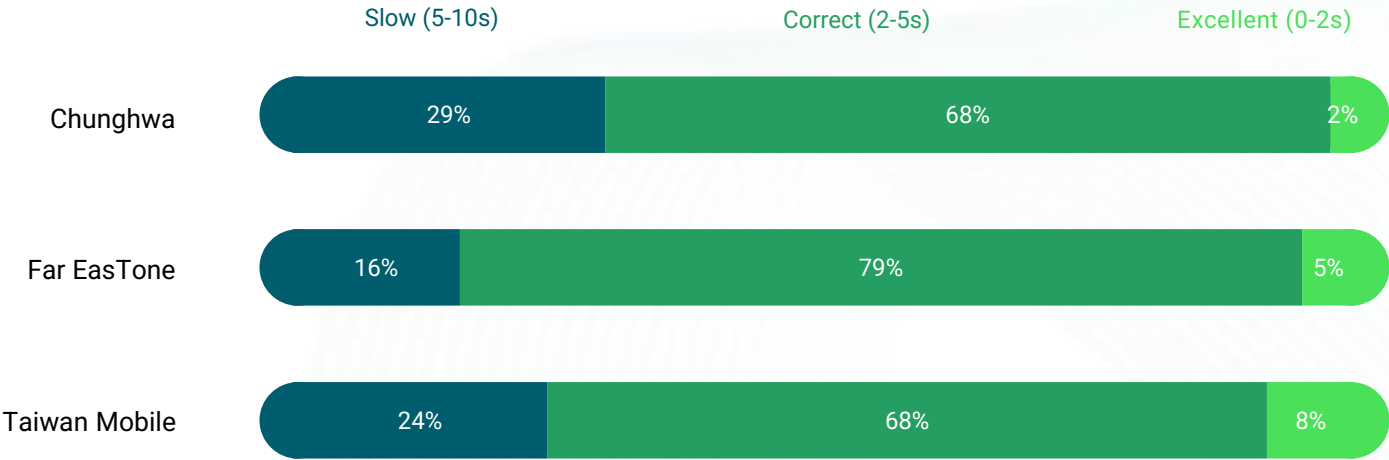
Browsing Performance rate (average)



Source : nPerf.com

The subscribers of Far EasTone enjoyed the best 5G Internet browsing performance in 2025.

Browsing Performance results ventilation (average)



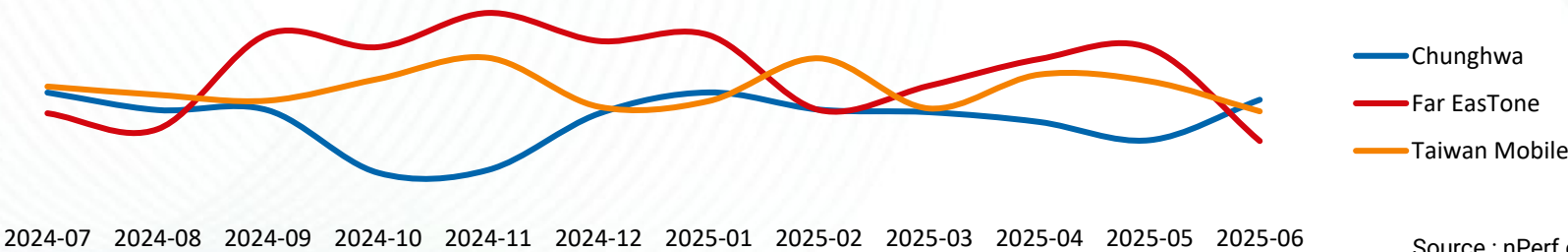
Source : nPerf.com

Browsing Performance rate (average)



Source : nPerf.com

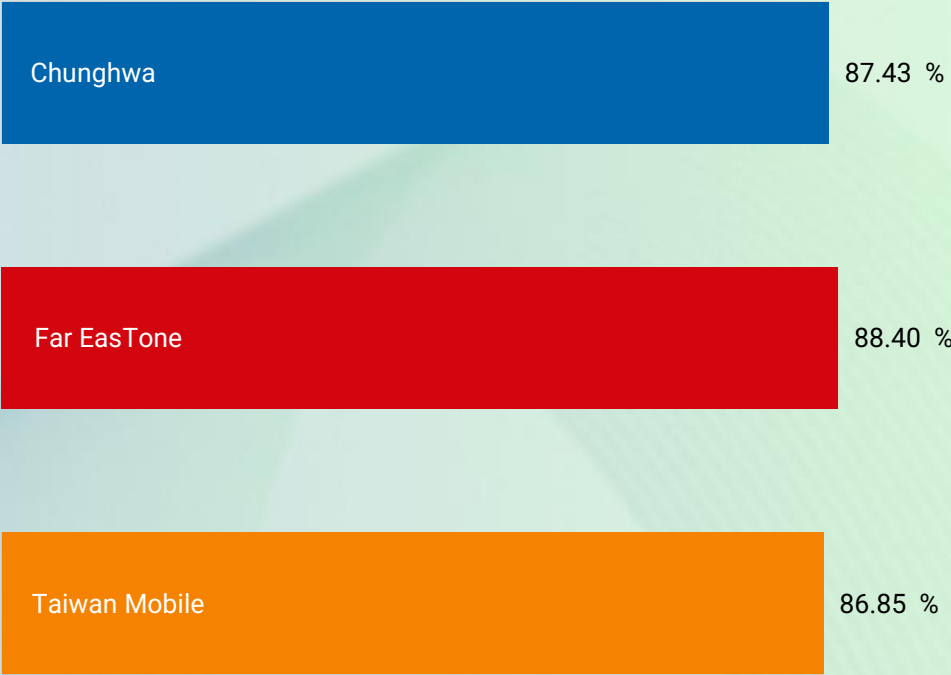
Browsing performance rate (average) evolution over the year



Source : nPerf.com



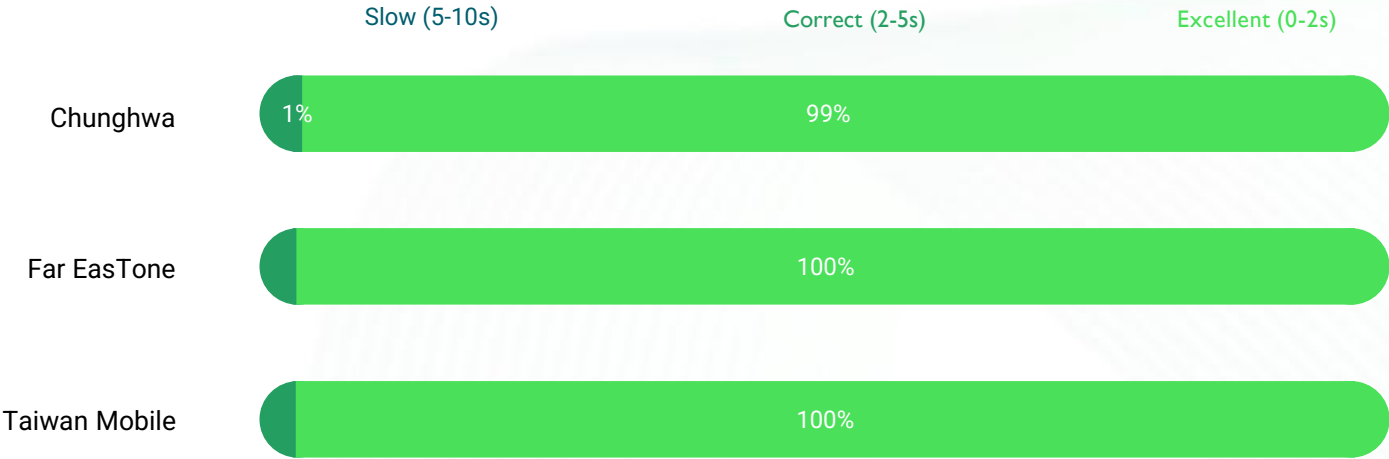
Streaming Performance rate (average)



Source : nPerf.com

The subscribers of Chunghwa, Far EasTone and Taiwan Mobile enjoyed the best 5G Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



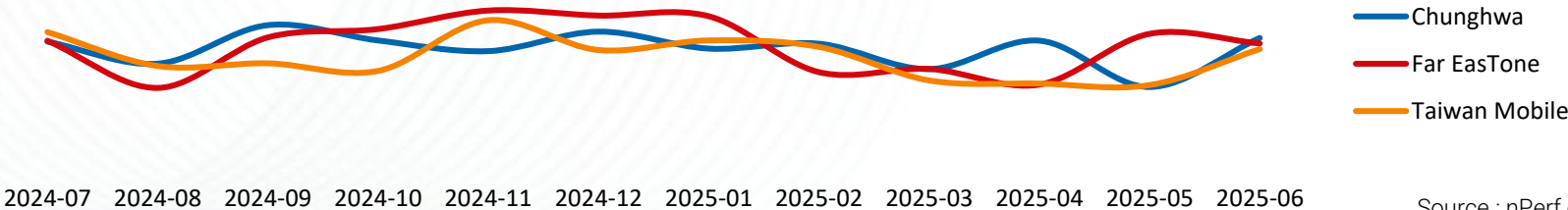
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

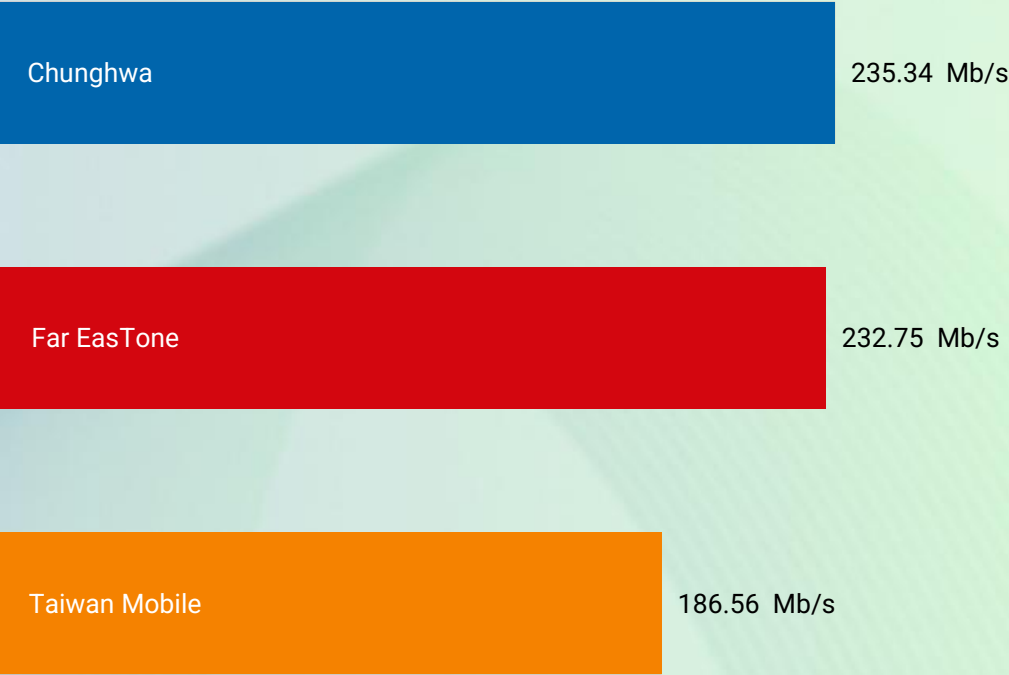
Streaming performance rate (average) evolution over the year



Source : nPerf.com



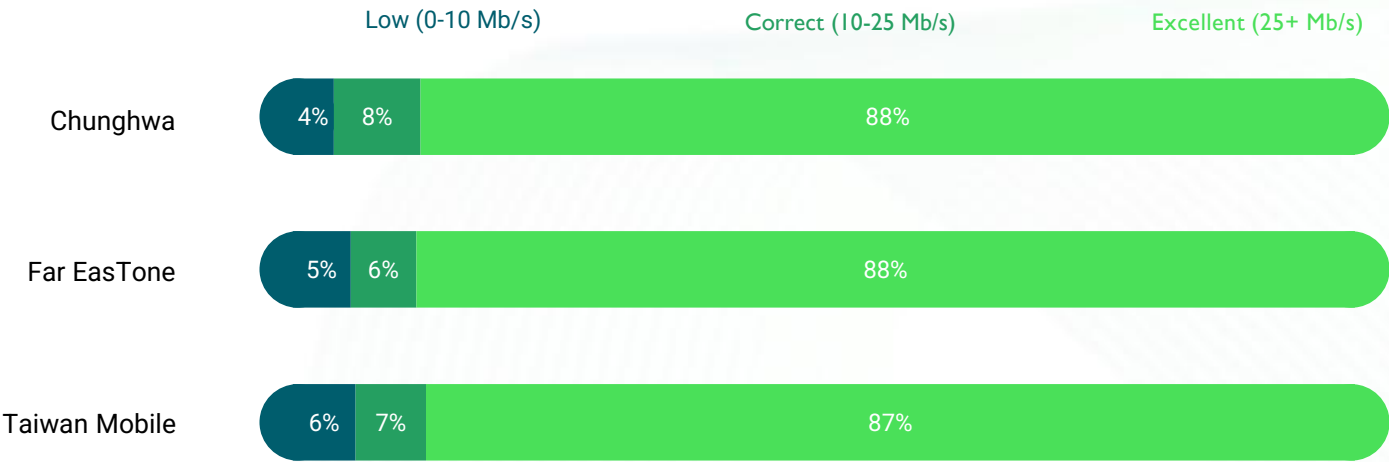
Download Speed (average)



Source : nPerf.com

The subscribers of Chunghwa and Far EasTone enjoyed the best average 5G Internet download speed in 2025.

Download Speed results ventilation (average)



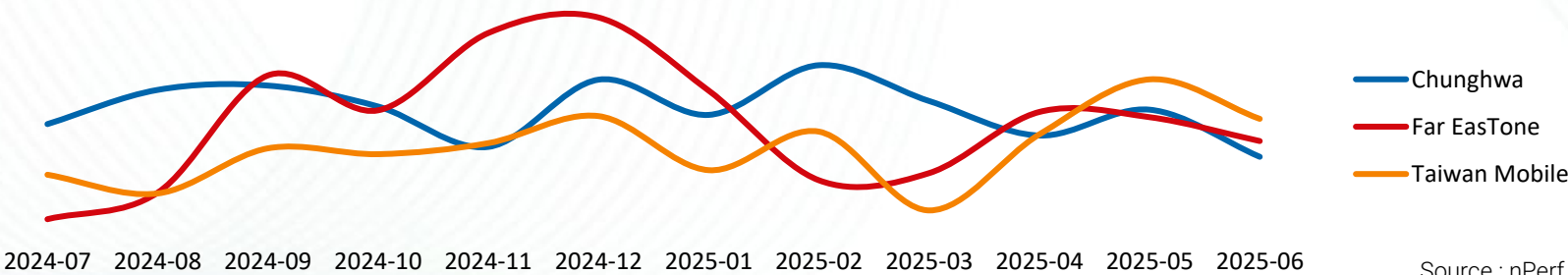
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

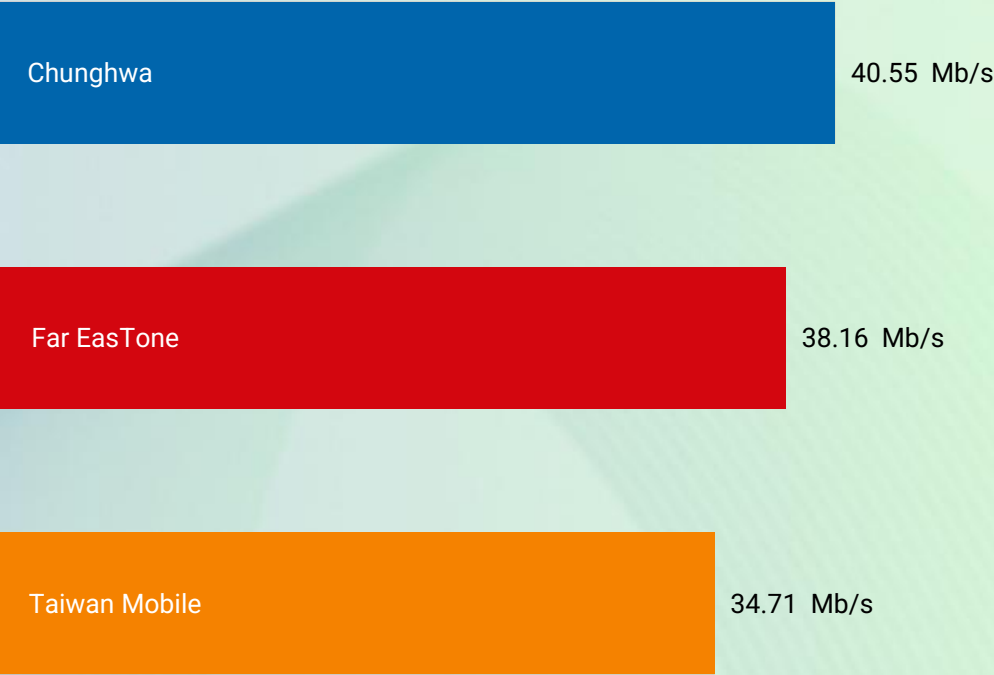
Download Speed evolution over the year (average)



Source : nPerf.com



Upload Speed (average)



Source : nPerf.com

The subscribers of Chunghwa enjoyed the best average 5G Internet upload speed in 2025.

Upload Speed results ventilation (average)



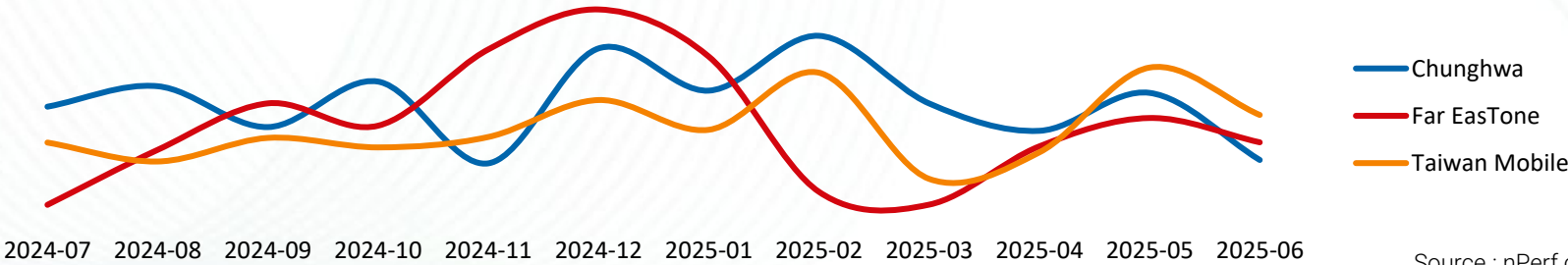
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

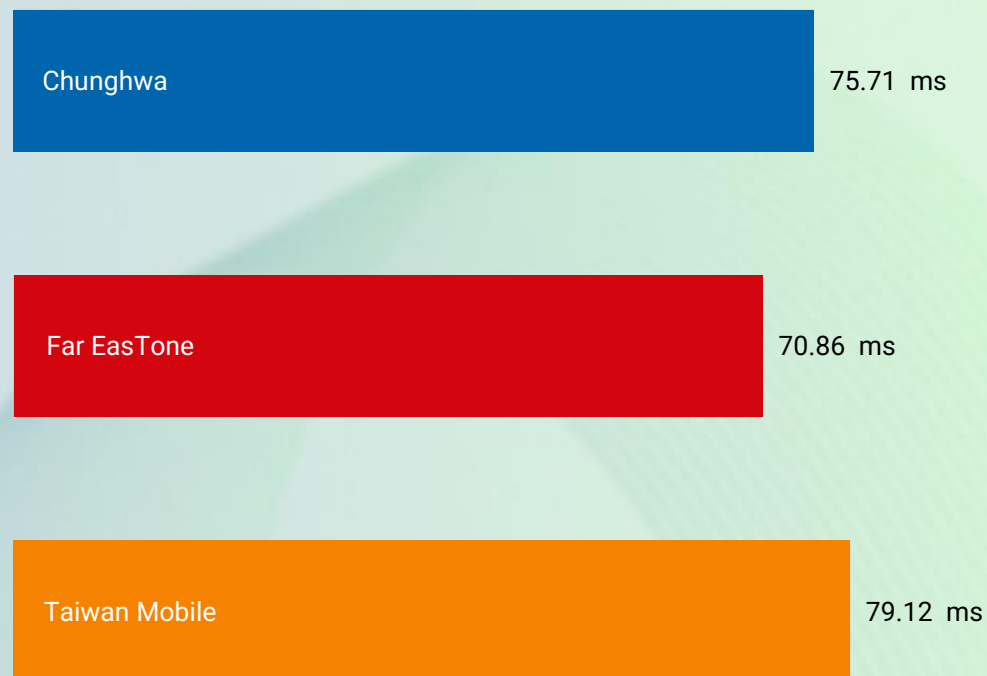
Upload Speed evolution over the year (average)



Source : nPerf.com



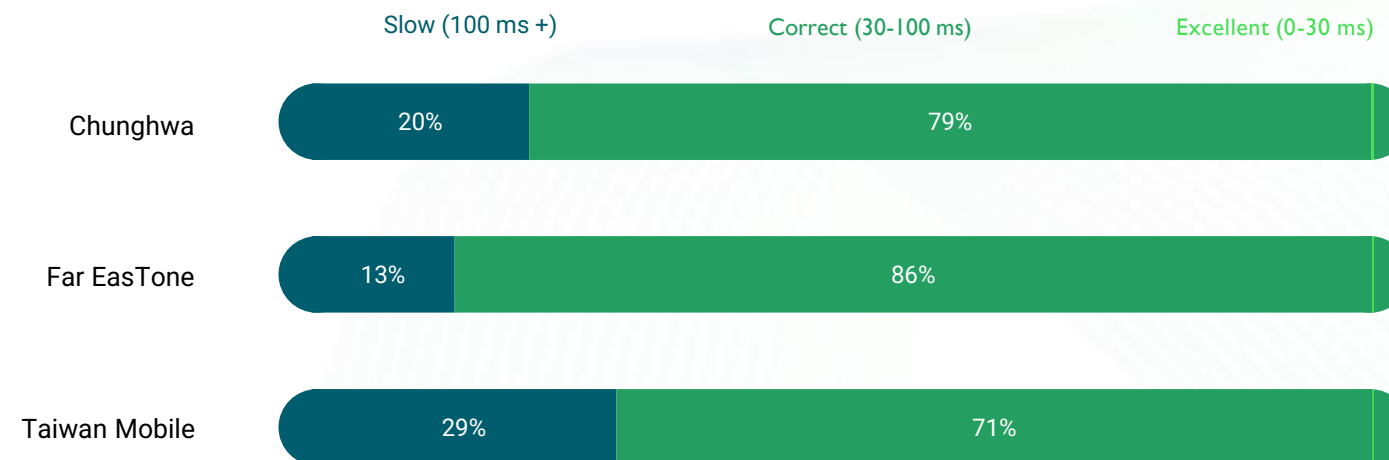
Latency Speed (average)



Source : nPerf.com

The subscribers of Far EasTone enjoyed the best average 5G Internet latency speed in 2025.

Latency Speed results ventilation (average)



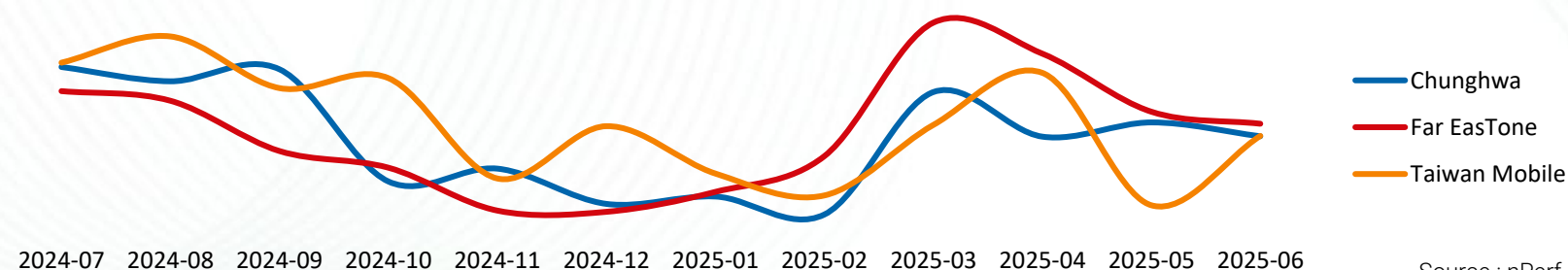
Source : nPerf.com

Latency Speed (average)



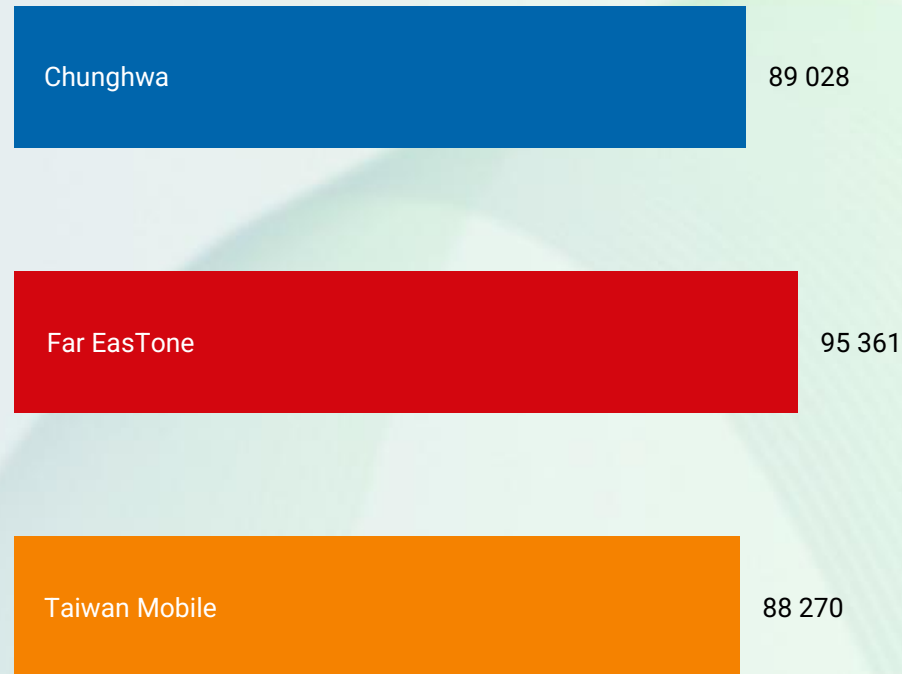
Source : nPerf.com

Latency Speed evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Far EasTone enjoyed the best 5G 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

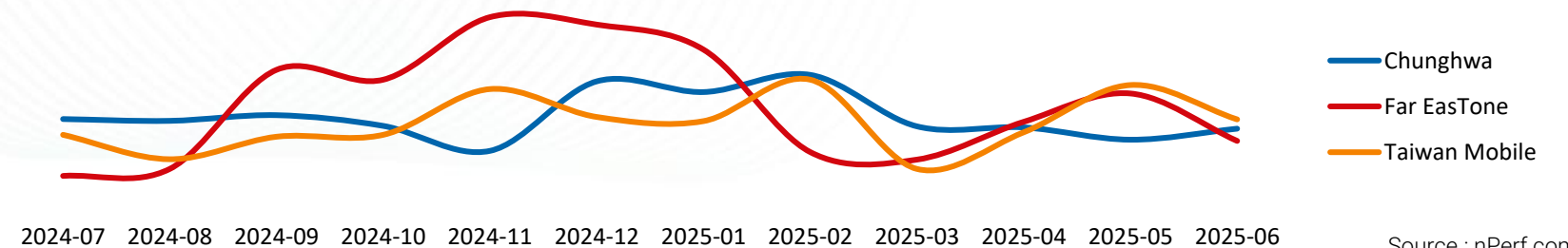


Best 5G Internet performance in 2025



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, giving the impression of a 3D effect. The overall color scheme is a dark, muted blue.

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