

(<https://www.taranawireless.com/es>)



Tarana announces Gigabit ngFWA in 6 GHz without license

G1 technology combined with new spectrum delivers ubiquitous, reliable, high-speed broadband

Milpitas, CA – October 11, 2023 – Tarana Wireless, Inc. today announced that its next-generation fixed wireless access (ngFWA) platform, Gigabit 1, is now capable of operating across the massive swath of new unlicensed spectrum of 6 GHz that will be available in the US in the coming months.

A wide range of public and private organizations in the United States are now working hard to solve the country's persistent broadband problems. While several public projects funded by federal and state governments attempt to address the ~12 million families and other places considered underserved or underserved, other commercial initiatives aim to help the more than 50 million families in the US. who have very limited options for living. fast broadband service.

All of these initiatives face the same challenge: the United States is a big country. And covering long distances with high-speed fiber is often impractical and expensive. There have been a number of state-funded projects in recent years with fiber construction costs exceeding \$100,000 per home, angering state taxpayers. Alternatively, new lower-orbit satellite constellations are markedly better than previous generations of satellites, but their limited network capacity makes them better suited to serving only remote, hard-to-reach locations. The significant remaining challenge lies in areas too difficult for fiber and too dense for satellite service—by Tarana estimates, more than 40 million homes nationwide.

G1's core technology, designed from the ground up exclusively for high-performance home broadband, is now well-proven on more than 200 commercial networks in more than 20 countries, providing hundreds of Mbps of connectivity per home at multi-mile ranges despite widespread obstructions and interference. Importantly, Tarana engineers also solved the "uplink problem" inherent in many wireless and wired systems. G100 services feature high uplink speeds and can even offer symmetrical services without sacrificing efficiency. And now, with a wide 1 GHz spectrum, G6 can also offer gigabit-level services.

Basil Alwan, CEO and President of Tarana, said: "Households are voracious consumers of bandwidth – 20 to 30 times more than a typical 5G mobile device. This new combination of 6 GHz spectrum with our G1 ngFWA platform enables competitive fiber service plans to be offered at scale while leveraging existing tower and backhaul infrastructure. "Wireless is no longer a cure-all for fiber, but rather an end-all-be-all solution, even for high-bandwidth homes."

G1 radios for 6 GHz are now available. Contact Tarana at www.taranawireless.com (<https://www.taranawireless.com/es>) for more information.

Access the recording of G1+6's live launch event



(<https://www.taranawireless.com/es/g1plus6/>)

About Taraña

Tarana's mission is to accelerate the deployment of fast and affordable Internet access around the world. Through a decade of R&D and more than \$400 million of investment, the Tarana team has created a unique next-generation fixed wireless access (ngFWA) technology instantiated on its first commercial platform, Gigabit 1 (G1). It delivers a revolutionary advance in broadband economics in both traditional and underserved markets, using licensed or unlicensed spectrum. G1 went into production in mid-2021 and has since been adopted by more than 200 service providers in 21 countries. Tarana is headquartered in Milpitas, California, with additional research and development in Pune, India.



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About us

(<https://www.taranawireless.com/es>)

Tarana Wireless, Inc. is the industry performance leader and creator of a new category in ngFWA (next generation fixed wireless access), driven by a series of well-proven advances in seamless, multi-dimensional optimization of radio signals. Our G1 access platform overcomes previously insurmountable network economic challenges for service providers in all markets.

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