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# Airgain® Releases Enhanced Fixed Wireless Access Antennas to Significantly Improve 5G Speed and Connectivity

*Availability of Operator-Specific 5G Antennas Significantly Improves the End-User Experience*

SAN DIEGO--(BUSINESS WIRE)-- [Airgain, Inc. \(NASDAQ: AIRG\)](https://www.airgain.com/), a global provider of wireless connectivity solutions, including embedded components, external antennas, and integrated systems, announced today the introduction of its directional fixed wireless access (FWA) antennas. These FWA antennas significantly advance the future of indoor and outdoor 5G connectivity.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20220928005128/en/>



Outdoor 5G FWA - 4x4 MIMO (Photo: Business Wire)

Uninterrupted high-speed connectivity is critical for both operators and users. While most FWA antennas on the market are designed to be omnidirectional and prioritize simplicity over performance, Airgain focuses on operator-specific frequency band antennas that provide a significant improvement in speed and connectivity. These customized antennas are unique in their architecture and have been tested over the

air using state-of-the-art testing equipment for superior performance.

With over 20 years of antenna design expertise, Airgain has developed customized directional antennas that feature low, mid, and high band coverage across various wireless

operator networks. Airgain's 5G outdoor FWA antennas support up to 4x4 MIMO, target Frequency Range 1 (FR1) including CBRS and C-bands and provide the capability for enhancing product performance for system integrators and improving the wireless experience for end users.

"We are very excited to introduce our customized high gain antenna systems that are proven to improve fixed wireless performance," said Airgain Chief Technology Officer Dr. Ali Sadri. "By designing these complex antenna systems for our own products, we have simplified the process of bringing an FWA solution to market for our customers. We are able to save them money and speed their time to market by leveraging a proven antenna system designed specifically for FWA in their own products."

According to [GlobalData](#), the FWA market is expected to grow fivefold by 2026, accounting for almost nine percent of all broadband access lines. This uptake is being driven by increased user demand and government support, enhanced data performance and user friendliness, as well as a desire by operators to capture market share in fixed broadband services.

### **About Airgain, Inc.**

Airgain is a leading provider of wireless connectivity solutions, creating and delivering products that include embedded components, external antennas, and integrated systems, across the globe. Our mission is to connect the world through optimized integrated wireless solutions. Airgain's expertise in custom cellular and antenna system design pairs with our focus on high-growth technologies and our dedication to simplifying the growing complexity of wireless. With a broad portfolio of products across the value chain, from embedded components to fully integrated products, we're equipped to solve critical connectivity needs in both the design process and the operating environment across the enterprise, automotive, and consumer markets. Airgain is headquartered in San Diego, California. For more information, visit [airgain.com](https://airgain.com), or follow Airgain on [LinkedIn](#) and [Twitter](#).

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