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Airgain Introduces 5G mmWave Beamforming Antenna Solutions

New 5G NR (New Radio) technology enables rapid development of integrated antenna solutions for small cells, fixed wireless access gateways, and more

SAN DIEGO--(BUSINESS WIRE)-- [Airgain, Inc. \(NASDAQ: AIRG\)](#), a leading provider of advanced antenna technologies used to enable high performance wireless networking across a broad range of devices and markets, including consumer, enterprise, and automotive, today announced the launch of its 5G mmWave beamforming antenna. The beamforming antenna supports 5G FR2 bands from 24 GHz to 40 GHz and is scalable for rays in up to 64 elements.

The combination of the high propagation loss of the millimeter wavelengths (mmWaves) and high bandwidth demands in 5G NR systems makes beamforming critical for increasing spectral efficiencies and providing cost-effective, reliable 5G coverage. Airgain's 5G mmWave beamforming antenna utilizes a flexible reference design supporting both passive and active beamforming architectures. The antenna enables the rapid development of customizable integrated antenna solutions for 5G devices that utilize mmWave frequency bands, including small cells and fixed wireless access gateways, amongst others.

"We have timed the introduction of this antenna to align with the anticipated ramp in the availability of 5G NR baseband chipsets in 2020," said Kevin Thill, Airgain's Senior Vice President of Engineering. "The 5G baseband chipset market is expected to open up in 2020. The introduction of our mmWave beamforming antenna means we are capable of supporting OEM's rapid integration of 5G NR capable devices."

Airgain's latest innovations, including the new 5G mmWave active beamforming antenna array, will be on display during CES, held in Las Vegas, Nevada, on January 7 – 10, 2020. Contact Airgain at info@airgain.com to request a meeting and discuss our latest technology offerings.

About Airgain, Inc.

Airgain is a leading provider of advanced antenna technologies used to enable high performance wireless networking across a broad range of devices and markets, including consumer, enterprise, and automotive. Combining design-led thinking with testing and development, Airgain works in partnership with the entire ecosystem, including carriers, chipset suppliers, OEMs, and ODMs. Airgain's antennas are deployed in carrier, fleet, enterprise, residential, private, government, and public safety wireless networks and systems, including set-top boxes, access points, routers, modems, gateways, media adapters, portables, digital televisions, sensors, fleet, and asset tracking devices. Airgain is headquartered in San Diego, California, and maintains design and test centers in the U.S.,

U.K., and China. For more information, visit airgain.com, or follow us on [LinkedIn](#) and [Twitter](#).

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Forward-Looking Statements

Airgain, Inc. cautions you that statements in this press release that are not a description of historical facts are forward-looking statements. These statements are based on the company's current beliefs and expectations. These forward-looking statements include statements regarding the expected performance capabilities of Airgain's antenna, the readiness to meet customer requirements, and statements regarding the future expansion of the 5G product market. The inclusion of forward-looking statements should not be regarded as a representation by Airgain that any of our plans will be achieved. Actual results may differ from those set forth in this press release due to the risk and uncertainties inherent in our business, including, without limitation: the market for our antenna products is developing and may not develop as we expect; risks associated with the performance of our products; our products are subject to intense competition, including competition from the customers to whom we sell, and competitive pressures from existing and new companies may harm our business, sales, growth rates and market share; risks associated with quality and timing in manufacturing our products; and other risks described in our prior press releases and in our filings with the Securities and Exchange Commission (SEC), including under the heading "Risk Factors" in our Annual Report on Form 10-K and any subsequent filings with the SEC. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof, and we undertake no obligation to revise or update this press release to reflect events or circumstances after the date hereof. All forward-looking statements are qualified in their entirety by this cautionary statement, which is made under the safe harbor provisions of the Private Securities Litigation Reform Act of 1995.

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