4G MIMO Active Array Antenna Wins CTIA E-Tech Award for Infrastructure Category

ORLANDO, Fla. -- (BUSINESS WIRE) -- International CTIA 2011 - The new 4G MIMO Active Array Antenna from Powerwave Technologies Inc. has won the 2011 CTIA Emerging Technology (E-Tech) Award in the Infrastructure: In-Building/WiFi/LAN category. The company's new Powerwave LTE Picocell took home the second prize in the same category.

The CTIA E-Tech Awards program celebrates and promotes the most innovative wireless products and services in the consumer, enterprise, application and network technology segments. Powerwave's products bested 10 other finalists in the enterprise infrastructure category, including products from Ericsson, Nokia Siemens, Huawei, Ruckus Wireless, Mindspeed and ZTE, among others. Winners were announced at a ceremony on March 23, hosted by CNBC technology correspondent Jon Fortt.

The 4G MIMO Active Array Antenna combines Powerwave's award-winning remote radio head and antenna technologies into a single integrated design with a 3dB - 5dB link budget that increases a basestation's coverage radius by 100 percent over non-integrated antennas. The antenna supports a wide variety of protocols, including CDMA, WCDMA, HSPA+, WiMAX™ and LTE.

The LTE Picocell combines broadband LTE and Wi-Fi® in a single compact basestation that supports up to 100 active outdoor users and 32 active indoor users, and up to 1,000 registered users. It supports all 4G frequency bands in the 700 MHz to 2.7 GHz range and features a 2x2 MIMO antenna for additional capacity.

Both products are key components of Powerwave's Advanced Wireless Solutions that enable wireless operators to inject broadband capacity closer to where their customers need it most. This gives each user a better signal and reduces network congestion, resulting in a faster experience and longer battery life.

"We are very excited that both of our key new 4G products have been chosen by the esteemed CTIA panel of media, industry analysts and executives as the winner and runner-up from among the industry's most innovative new enterprise infrastructure products," said Ronald J. Buschur, chief executive officer of Powerwave. "Powerwave is taking the lead in providing carriers with the technologically advanced network infrastructure needed to quickly and economically roll out new services that enable users to take full advantage of new data-intensive mobile devices and applications."

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