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**POWERWAVE TECHNOLOGIES INTRODUCES NEW OUTDOOR COVERAGE AND
CAPACITY SYSTEMS**

***Single and Dual Multi-Carrier Power Amplifiers Provide Network Operators with a
Powerful, Cost-Effective Solution for Enhancing Network Performance***

3GSM World Congress 2006, BARCELONA, Booth #F36 – Feb. 14, 2006 - Powerwave Technologies, Inc. (NASDAQ:PWAV), a global source for end-to-end wireless infrastructure solutions, introduced new single and dual multi-carrier power amplifier (MCPA) outdoor coverage and capacity systems today at 3GSM World Congress 2006, the mobile industry's premier event, taking place February 13-16, here in Barcelona.

Designated OS-1 (single MCPA) and OS-2 (dual MCPA), Powerwave's outdoor coverage and capacity systems provide network operators with a complete uplink and downlink enhancement solution. Ideal for micro- and macro-cell sites, these compact, yet versatile solutions leverage Powerwave's high-efficiency Feed Forward (FF) MCPAs, to improve overall network performance, extend use of existing assets, and increase subscriber satisfaction. The OS systems are designed for indoor and outdoor installations, and the modular architecture simplifies installation and maintenance.

Eliminating the traditional coverage/capacity trade-off that often occurs in GSM base stations, Powerwave's OS-1 and OS-2 outdoor systems support the base station's ability to maintain its coverage radius, by amplifying all carriers through the MCPA(s) without the need of additional antennas. In addition, by supporting multiple carriers on a single antenna, Powerwave also reduces acquisition and operational costs, and increases the site's efficiency. This also makes Powerwave's OS systems an integral part of any Clean Site deployments where a restriction is placed on the number of antennas that can be deployed at a given site.

The modularity of Powerwave's OS-1 and OS-2 outdoor coverage and capacity systems enable multiple configurations, reducing time-to-market, and providing the scalability needed to support current and future coverage and capacity requirements. Both systems support multiple Air Interfaces and offer mixed-mode capability, providing operators with the flexibility and versatility to use the OS systems in a broad range of applications.

“Powerwave is committed to providing our customers with innovative solutions that meet the needs of today’s high-performance wireless networks,” said Ronald J. Buschur, President and Chief Executive Officer, Powerwave Technologies. “The compact size, energy efficient design and cost-effectiveness of our MCPA outdoor coverage and capacity systems, provides network operators with a complete solution that promotes the most efficient use of critical network infrastructure resources.”

Powerwave’s OS-1 MCPA outdoor systems are available in 900MHz, 1800MHz and 1900MHz frequencies for GSM/EDGE and CDMA, as well as 2100MHz for W-CDMA. The OS-2 outdoor systems are available in 900MHz, 1800MHz and 1900MHz bands for GSM/EDGE and CDMA. The OSsystems can be configured with integrated Low Noise Amplifiers (LNA) or with DC transparency/DC supply for use with tower mounted amplifiers (TMAs). Both the OS-1 and OS-2 systems provide a fail-safe by-pass mechanism the enables the base station to continue operating in the event the OS system shuts down.

Powerwave’s coverage and capacity systems have been deployed worldwide to address coverage and capacity issues, as well as enhance base station performance. Environments that can benefit from Powerwave’s OS-1 and OS-2 systems include campuses, convention centers, airports, subways, roadway tunnels, shopping centers, high-rise buildings, railway stations, rural areas, sports arenas, dense urban zones and oil platforms.

About Powerwave Technologies

Powerwave Technologies is a global supplier of end-to-end solutions for wireless communications networks. Powerwave designs, manufactures and markets antennas, boosters, combiners, filters, repeaters, multi-carrier RF power amplifiers, tower-mounted amplifiers and advanced coverage solutions, all for use in public safety, cellular, PCS and 3G networks throughout the world. Corporate headquarters are located at 1801 E. St. Andrew Place, Santa Ana, Calif. 92705. Telephone (714) 466-1000. For more information on advanced wireless coverage and capacity solutions, call (888)-PWR-WAVE (797-9283) or visit www.powerwave.com. Powerwave, Powerwave Technologies and the Powerwave logo are registered trademarks of Powerwave Technologies, Inc.