



## NEWS RELEASE

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### FOR PRINT AND ONLINE RELEASE:

#### **Aeroflex Launches Multiple Handset Emulation Capability for the De Facto Industry Standard TM500 DC-HSDPA Test Mobile**

*The global “gold standard” infrastructure test system achieves a new milestone with multi-handset support for 3GPP WCDMA Release 8 DC-HSDPA*

<http://www.aeroflex.com/ats/products/prodfiles/news/02032010.pdf>

**Cambridge, UK—February 3, 2010**—Aeroflex announced today that its TM500 Test Mobile is the first to market to support multiple UE (user equipment, or handset) emulation in conjunction with measurements for the 3GPP W-CDMA Release 8 DC-HSDPA (Dual Cell High-Speed Download Packet Access) standard.

The TM500 DC-HSDPA Multi-UE Test Mobile enables 3G infrastructure equipment manufacturers to perform rigorous load testing. With the TM500, they can test the performance of their DC-HSDPA base stations under conditions of increasing user demand, speeding up the development of infrastructure equipment and its deployment in networks.

#### **Multiple handset emulation enables network load testing and optimization**

When emulating a single handset, the Aeroflex TM500 DC-HSDPA Test Mobile provides low-level control and configuration; it combines detailed measurement data required by infrastructure engineers for rapid diagnosis of engineering issues. However, testing a base station against a *single* handset is not sufficient. Scheduling algorithms must be optimized, and the base station must be load tested.

The TM500 DC-HSDPA Multi-UE Test Mobile now supports the ability to test a base station and network against a multiple handset configuration. The TM500 enables base station and core network designs to be load tested, stressed, and optimized to ensure that robust, flexible and high-performance products are delivered to network operators.

“The Aeroflex TM500 family is continually evolving to track the standards roadmap that wireless network operators are following,” said Tim Beard, WCDMA product manager at Aeroflex Test Solutions. “We expect the new DC-HSDPA standard to be widely adopted by operators who are looking for ways to improve the performance and extend the life of their existing networks at minimal cost. The TM500 is the first test mobile to support multi-UE capability for the DC-HSDPA feature.”

### **About the TM500 Test Mobile Family from Aeroflex**

The Aeroflex TM500 Test Mobile family has established itself as the “gold standard” for cellular infrastructure equipment manufacturers worldwide. Manufacturers must test network equipment under realistic operating conditions. All the major infrastructure vendors, as well as a majority of femtocell manufacturers, currently use the TM500 Test Mobile. The Multi-UE DC-HSDPA model is the latest in the TM500 family, which includes support for 3G and 4G standards from HSDPA through HSUPA, HSPA+, and DC-HSDPA to LTE. The TM500 Test Mobile offers all the capabilities of a mobile handset or set of mobile handsets, with advanced test functionality for comprehensive 3GPP verification, validation, and optimization.

### **About Dual Cell HSDPA**

Dual Cell HSDPA extends the resource utilization and spectrum efficiency of existing W-CDMA networks by providing an alternative method to HSPA+, increasing peak data rates in the downlink to a maximum 42 Mbps. This is achieved by enabling handsets to take advantage of using two adjacent 5 MHz channels on the same Node B simultaneously to create a 10 MHz downlink bandwidth.

DC-HSDPA delivers a peak data rate of 42 Mbps without the need for MIMO (multiple input/multiple output) spatial multiplexing avoiding the potentially costly

upgrades to base station (Node B) hardware and antennas that spatial multiplexing can entail. DC-HSDPA facilitates improved network efficiency and load balancing through better resource allocation and frequency selectivity. DC-HSPDA also delivers improved Quality of Service (QoS) for users in poor environments where MIMO is not necessarily an option.

### **Availability**

For more information, contact your local Aeroflex sales office by visiting or calling Aeroflex Sales at (800) 835-2352 or [info-test@aeroflex.com](mailto:info-test@aeroflex.com).

### **About Aeroflex**

Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense, cellular and broadband communications markets. The Company's diverse technologies allow it to design, develop, manufacture and market a broad range of test, measurement and microelectronic products. Aeroflex Incorporated was founded in 1937 and today has more than 2,600 employees worldwide. Additional information concerning Aeroflex Incorporated can be found on the company's web site: [www.aeroflex.com](http://www.aeroflex.com).

*All statements other than statements of historical fact included in this press release regarding Aeroflex's business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, competitive factors and pricing pressures, changes in legal and regulatory requirements, technological change or difficulties, product development risks, commercialisation difficulties and general economic conditions. Such statements reflect our current views with respect to the future and are subject to these and other risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.*

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