



Company news

*Mobile World Congress, Barcelona, Feb 15-18, 2010*

## CETECOM and Altair Semiconductor Conduct Successful LTE Testing Session

**Essen & Hod Hasharon, 11 February, 2010:** [CETECOM](#), a worldwide leading provider in testing, certification and consulting for the wireless industry, and Altair Semiconductor, a [4G chip](#) company developing the world's most advanced mobile semiconductors for handheld devices, today announced the successful completion of a joint LTE test session.

The joint LTE test session took place at CETECOM's high-end test facility in Essen, Germany. Both parties put their individual strengths and experiences in cutting edge developments together to demonstrate the rich capabilities of the new technology. Several different scenarios were setup dynamically during the live session where both SISO and MIMO tests were performed, under various channel coding scenarios. The tests were successfully conducted using Altair's FourGee™ LTE USB ExpressCard UE, one of the industry's first Category-3 USB datacard solutions. The ExpressCard reference design UE features Altair baseband and RF chipset – the FourGee-3100/6200, and incorporates full L1 and protocol stack from Altair.

### **Altair's FourGee™ LTE USB ExpressCard UE Feature Highlights Include:**

- Category 3 speeds of 100Mbps download and 50Mbps upload
- Power consumption within the USB specification power budget (<2.5W)
- ExpressCard34 form factor with a USB2.0 HS host interface
- Available in select FDD/TDD bands in the range of 700M-2700MHz

- Full-featured, IOT tested LTE L1 and protocol stack

The latest LTE test systems from Anritsu and Rohde & Schwarz were utilized for the LTE test session. CETECOM is the first independent laboratory to be equipped with such state-of-the-art test systems for the LTE technology.

“I am enthusiastic to see CETECOM’s activities take off for a successful LTE business.” said Dr. Harald Ansoerge, CTO of CETECOM. “The early availability of the Altair ExpressCard UE is a key enabler to our ability to provide class-leading LTE services and products to our customers. Applications will be a highly important driver for the development of devices and technologies.”

“Altair is one of the first chip vendors with a full-featured and mature product in the market today,” said Eran Eshed, Co-Founder and VP of Marketing and Business Development at Altair. “We are very pleased to be working with a world class certification and test solution provider as CETECOM, in accelerating the availability of LTE compliance programs, and eventually LTE compliant products.”

CETECOM has a worldwide network of state-of-the art facilities located in Europe, North America and Asia. Its roadmap for LTE test deployment will be accompanied by its already expansive wireless service portfolio.

CETECOM will present its product portfolio at the Mobile World Congress in Barcelona from February 15<sup>th</sup> to 18<sup>th</sup> 2010.

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### **About CETECOM**

CETECOM ([www.cetecom.com](http://www.cetecom.com)) is renowned as neutral, experienced partner of the telecommunications and information technology industries and offers a unique service portfolio which covers the entire life cycle of a mobile communications product, contributes to the smooth running of products and applications and ensures that they meet international standards. CETECOM’s portfolio includes consulting and training, development of test solutions, validation services, testing in accredited laboratories (LTE, 3G, GSM, Application Enabler, OTA Performance and EMC), field trials, certification and approval handling. Being a member of numerous specialist bodies, CETECOM

is also actively involved in the development and standardisation of global specifications for future technologies.

### **About Altair Semiconductor**

Altair Semiconductor is the world's leading developer of ultra-low power, small footprint and high performance 4G semiconductors. The company's products provide device manufacturers integrating any 4G technology into their products with a highly power-optimized, robust and cost-effective solution. Altair's comprehensive product portfolio includes baseband processors, multi-band RF transceivers for both FDD and TDD bands, and a range of reference hardware and product level protocol stack software. Based on a novel, proprietary Software Defined Radio (SDR) processor, codenamed "O<sup>2</sup>P™", Altair's products are the smallest and most highly power optimized in the industry, offering an unmatched combination of flexibility and performance. For more information, visit [www.altair-semi.com](http://www.altair-semi.com).

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