

Ericsson first to demonstrate LTE in both FDD and TDD modes on the same base station platform

Ericsson (NASDAQ: ERIC) today announced that it had demonstrated for the first time Long Term Evolution (LTE) in both Frequency Division Duplex (FDD) and Time Division Duplex (TDD) mode on the same base station platform. LTE is the only technology that can use the same platform for both paired and unpaired spectrum, thereby enabling large economies of scale for operators.

Ericsson's LTE TDD mode demonstration encompassed a variety of applications and showcased speeds over 90Mbps in the downlink with 2x2 MIMO (Multiple Input Multiple Output). Ericsson has previously demonstrated LTE in FDD mode several times with speeds of up to 160Mbps.

Mobile broadband is rapidly growing, and LTE offers a superior user experience. It will enhance more demanding applications like mobile video, blogging, advanced games, rich multimedia telephony and professional services. It also interoperates with existing cellular systems.

LTE is the next evolution in mobile network standards defined by 3GPP (Third Generation Partnership Project) and supports operations in both the paired spectrum and unpaired spectrum. It enables efficient spectrum utilization for both legacy and future wireless frequency bands. Channel bandwidths of 1.4-20MHz are supported. The wide industry support for LTE ensures economies of scale, providing cost-efficient solutions.

Ulf Ewaldsson, Vice President and Head of Product Area Radio at Ericsson, says: "We have now demonstrated that LTE can be used in both paired (FDD) and unpaired spectrum (TDD) on the same base station platform. This means that operators with only unpaired spectrum also can plan for LTE and benefit from the optimal global LTE solutions."

With its latest achievement in LTE TDD/FDD, Ericsson is continuing to drive important global research in this area. At the same time TDD continues to play an international role, featuring in markets such as China, where Ericsson has initiated a cooperation with the Chinese company Datang Group.

Today more than 90 percent of all mobile spectrum is paired and less than 10 percent is unpaired. Operators are now able to get access to a healthy ecosystem regardless of the duplex mode.

On January 17, 2008, 3GPP confirmed that the LTE Terrestrial Radio Access Network technology specifications have been approved and are now under change control, leading to their inclusion in the forthcoming 3GPP Release 8.

Ericsson is shaping the future of Mobile and Broadband Internet communications through its continuous technology leadership. Providing innovative solutions in more than 140 countries, Ericsson is helping to create the most powerful communication companies in the world.

Read more at www.ericsson.com

FOR FURTHER INFORMATION, PLEASE CONTACT

Ericsson Media Relations

Phone: +46 8 719 69 92

E-mail: press.relations@ericsson.com