

NEC Participates in LTE Trial with KDDI

Tokyo, November 11, 2010 - NEC Corporation announced today its participation in KDDI Corporation's (Headquarters: Tokyo, Japan; President and Chairman: Tadashi Onodera; KDDI) field trials of Long Term Evolution (LTE), which is scheduled for commercial operation from 2012.

This trial started in October 2010 from an urban area featuring high population density, a wide range of buildings and using a 1.5GHz band, the same band used in commercial services. The trial is being conducted in an environment that is similar to commercial service conditions, and includes handover performance testing in an urban area where a broad spectrum of radio frequency interference occurs during throughput verification of both uplink and downlink.

NEC also participated in a field trial conducted in the Nasu-Shiobara area in Tochigi Prefecture from March to August, 2010. In addition to handover testing, NEC conducted throughput verification during radio frequency interference between base stations when the network was congested.

KDDI is scheduled to begin commercial LTE services in December, 2012 using LTE systems at the 1.5GHz band and 800MHz band. Furthermore, the company is planning to expand its broadband mobile telephone area coverage to 96.5% by the end of the 2014 fiscal year (March 31, 2015).

NEC, as an official wireless base station vendor, will continue to develop systems based on know-how fostered from these trials and to work closely with KDDI for its LTE commercial services.

For more on NEC's LTE solution visit <http://www.nec.com/lte/>

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