

4G speed record smashed with 1.4 Gigabits-per-second mobile call

February 28 2012

Nokia Siemens Networks boosts data rate for LTE-Advanced on 100 MHz spectrum, using commercial Flexi Multiradio 10 Base Station.

With 52 commercial LTE customers around the world – more than any other vendor – [Nokia Siemens Networks](#) is familiar with 4G leadership. But even its [mobile broadband](#) experts were impressed when they earlier this month achieved [world record](#) data speeds exceeding 1.4 Gbps using an LTE-Advanced (4G) system on 100 MHz of aggregated [spectrum](#).

The calls, involving huge file transfers and HD video streaming, hit peaks of 1.429 Gigabits-per-second. Although not aiming to replicate the feat in Barcelona, the breakthrough supports the company's claim to being the mobile broadband specialist at Mobile World Congress 2012.

“Moments such as these only come once,” said Marc Rouanne, the company's head of Network Systems. “Taking advanced technologies – such as LTE-Advanced – to a higher level is hugely satisfying. This work shows the potential for operators moving to LTE and beyond to deliver ubiquitous mobile broadband that truly delights people. The fact that this world record has been achieved using our commercial Flexi Multiradio 10 Base Station is just another proof of our platforms' superior capacity.”

“At Mobile World Congress we're showcasing leading innovations in our Liquid Net portfolio, as well as in customer experience management, all made to work seamlessly by the expertise of our services teams. Today's

4G world record and everything we do at the event underscores our focus on leadership in mobile broadband. It's this focus that our customers will take away from their visits to our Experience Center," Rouanne said.

Provided by Nokia Siemens Networks

Citation: 4G speed record smashed with 1.4 Gigabits-per-second mobile call (2012, February 28) retrieved 4 May 2024 from <https://phys.org/news/2012-02-4g-gigabits-per-second-mobile.html>

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