



Press release

Bouygues Telecom, Qualcomm and Ericsson successfully demonstrate 3x carrier aggregation ultra-fast mobile broadband in France for the first time

Bouygues Telecom becomes the first French telecommunications company to reach a download speed of more than 300Mbps with LTE-Advanced Tri-band Carrier aggregation on its 4G network.

Paris, February 5 2015 – Bouygues Telecom, Qualcomm Technologies, Inc (QTI) and Ericsson announce that the first demonstration featuring LTE-Advanced three-band Carrier Aggregation (3x CA) in France has taken place. As the sole French telecommunications company using the three frequency bands authorised for 4G (800MHz, 1800MHz and 2600MHz), Bouygues Telecom becomes the first telecommunications company able to demonstrate this technology in France on a commercial network.

The demonstration made use of a spectrum width of 45 Mhz via three aggregated carriers on the frequency bands that Bouygues Telecom uses for 4G. It was carried out on Bouygues Telecom's 4G commercial network using a handset equipped with a Qualcomm® Snapdragon™ 810 processor with next generation modem, and the multi-standard Ericsson RBS 6000 radio base stations. The Snapdragon 810 processor is a product of QTI. During this experiment, Bouygues Telecom, QTI and Ericsson reached a speed of significantly more than 300Mbps, which is the maximum speed permitted by this technology with this combination of spectrum assets.

“We have crossed an important threshold with Ericsson and Qualcomm Technologies, which we consider leaders in LTE technologies,” said Jean-Paul Arzel, Bouygues Telecom Network Director. “We are working together to put France’s quickest and most reliable network in place. Aggregation of the three carriers will allow us to provide our customers with ultra-fast mobile broadband.”

“We are delighted to participate in the advent of ultra-fast mobile broadband in France alongside Bouygues Telecom and Ericsson,” declared Enrico Salvatori, President of Qualcomm Europe. “The French population will soon have an opportunity to take advantage of faster and more reliable connectivity, as well as have an unrivalled user experience.”

“The performance of the mobile network is a fundamental factor for telecommunications companies, and Ericsson’s multi-standard radio technology enables them to optimise use of their frequencies,” declared Eric Hatton, technical director of the Bouygues Telecom account at Ericsson. “With LTE-Advanced, they can provide their users with maximum capacity.”

As a first step, Bouygues Telecom will make ultra-fast mobile broadband available to customers in Lyon at the end of the summer. Determined that its customers should enjoy the best digital experience, Bouygues Telecom will provide ultra-fast access at no extra cost in its offers.

With an ultra-fast broadband-compatible mobile (the first handsets will be available the first half of 2015), Bouygues Telecom customers will be able to enjoy a unique internet experience thanks to enhanced output and an unrivalled download speed. Bouygues Telecom customers will also be able to continue using all of their internet services on their mobile phone, for example watching TV and HD videos, playing games, and sharing and downloading documents.

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Press contacts

Bouygues Telecom:

Alexandre André: 01 39 26 62 42 / aandre@bouyguetelecom.fr

Emmanuelle Boudgourd: 01 58 17 98 29 / eboudgou@bouyguetelecom.fr

Qualcomm:

Fabien Darrigues : +33 1 41 33 41 14 / fdarrigu@qti.qualcomm.com

Ericsson:

Corinne Muller: 01 69 93 73 52 / corinne.muller@ericsson.com

About Bouygues Telecom - www.bouyguetelecom.fr - Bouygues Telecom wants its 11 million mobile customers and 2.3 million fixed broadband customers to get the most out of the latest digital technologies. In June 2012, Bouygues Telecom launched the Bbox Sensation triple-play offer, packed with the most innovative technologies on the market to transform the digital home experience. In 2014, Bouygues Telecom and SFR signed an agreement to share part of their mobile networks outside high population density areas in order to improve network coverage and quality of service for their respective customers. Launched in 2015, the Bbox Miami home gateway brings together the best of TV and apps in the same interface. For the benefit of the greatest number of people, our mobile network covers 99% of the population with 2G, and 97% in 3G+. Bouygues Telecom also provides its customers with a nationwide 4G network which now covers 71% of the population, equating to 45 million people in France in more than 2,700 towns and cities. Each day, more than 8,800 employees develop and build solutions aligned with the expectations of our customers and with those of 1.6 million professional people and businesses who place their trust in us. Our 4,500 call centre, internet and in-store advisers ensure optimum customer service on a daily basis enthusiastically.

Bouygues Telecom is a partner of TEDxParis 2014 and the project accelerator Echappée volée.

About Qualcomm

Qualcomm Incorporated (NASDAQ: QCOM) is a world leader in 3G, 4G and next-generation wireless technologies. Qualcomm Incorporated includes Qualcomm's licensing business, QTL, and the vast majority of its patent portfolio. Qualcomm Technologies, Inc., a wholly-owned subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of Qualcomm's engineering, research and development functions, and substantially all of its products and services businesses, including its semiconductor business, QCT. For more than 25 years, Qualcomm ideas and inventions have driven the evolution of digital communications, linking people everywhere more closely to information, entertainment and each other. For more information, visit Qualcomm's [website](#), [OnQ blog](#), [Twitter](#) and [Facebook](#) pages.

About Ericsson

Over 200 LTE-Advanced radio and core networks have been supplied by Ericsson worldwide and 150 of them are already operational. Founded in 1876, Ericsson has its headquarters in Stockholm, Sweden. Net sales in 2014 were SEK 228.0 billion (USD 33.1 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York). www.ericsson.com