

ERICSSON SHOWCASES 5G READINESS IN CHINA WITH INTEL

- Ericsson and Intel complete first 5G 3.5GHz multi-vendor end-to-end interoperability test in Beijing, China
- The 5G technology research and development test on 3.5GHz is being led by China's Ministry of Industry and Information Technology (MIIT)

Ericsson (NASDAQ:ERIC) and Intel (NASDAQ: INTC) have successfully completed the first 5G 3.5GHz multi-vendor end-to-end Interoperability Developmental Test (IoDT) at a 5G field test in the Chinese capital of Beijing.

Ericsson's 5G radio testbed and Intel's 5G client test platform demonstrated excellent performance and stability. The field test is a significant milestone since China's three major operators have already announced plans to roll out 5G in the 3.5GHz band.

Chris Houghton, Head of Market Area North East Asia, Ericsson, says: "We recognize the importance and innovation of the Chinese market and by working closely with ecosystem partners such as Intel, we are helping to pave the way for a successful rollout of 5G in the future. This accomplishment is the first of many that will enable our customers to benefit from better, smarter networks."

Ericsson's 5G 3.5GHz radio prototype uses [advanced radio technologies](#) including Massive MIMO, multi-user MIMO, and beamforming. With beam tracking, Ericsson's 5G radio prototype can accurately and quickly track the location and movement of the client devices in real time to ensure consistently reliable connections.

Asha Keddy, Vice President and General Manager, Next Generation and Standards Group, Intel Corporation, said: "To help the communications industry meet its ambitious targets, Intel in September 2017 announced its Intel® 5G Mobile Trial Platform as the first to meet upcoming new radio standards. This flexible Mobile Trial Platform is powered by high-performance Intel® FPGAs and Intel® Core™ processors, which allow for early collaboration and innovations with Ericsson that will benefit the Chinese market."

The maturity of 5G standards is an essential step on the road to commercial 5G deployment in China. With the completion of the first over-the-air interface of interoperability verification, the Ministry of Industry and Information Technology is now one step closer to making 5G on the 3.5GHz band a reality in China.

Ericsson's end-to-end Interoperability Developmental Test will be demonstrated during the PT Expo China event held in Beijing, September 27 – 30.

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