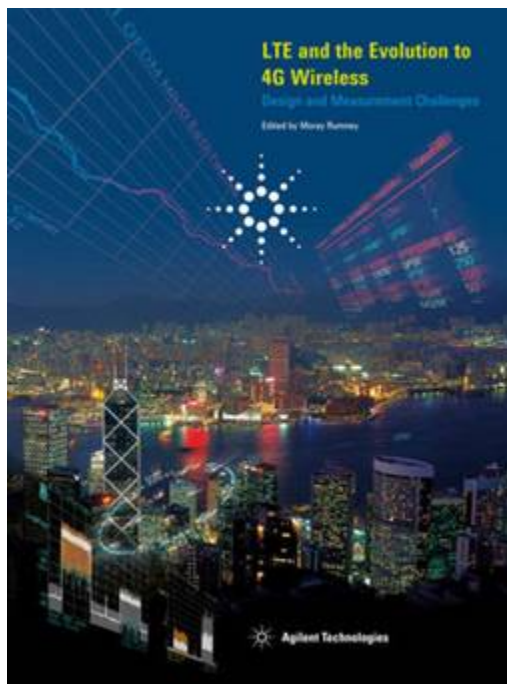


ComSoc / Wiley Book of the Month

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LTE and the Evolution to 4G Wireless

ISBN: 978-0-470-68261-6

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About the Book:

From both a technical and a practical point of view, there is much to examine, evaluate and understand in the new 3GPP LTE cellular technology before its projected deployment in 2010. This book, written by Agilent engineers in collaboration with Anite engineers and LTE expert Dr. K. F. Tsang, offers valuable insight into the LTE air interface at the physical layer. Chapters also cover the upper layer signalling and system architecture evolution (SAE). Basic concepts such as MIMO and SC-FDMA, the new uplink modulation scheme, are introduced and explained, and the authors dig into the challenges of verifying the designs of the receivers, transmitters and protocols of LTE systems. The latest information on RF and signalling conformance testing is delivered by authors participating in the 3GPP standards committees.

About the Author(s):

Agilent Technologies was the first deliver 3GPP LTE design automation, signal generation, and signal analysis tools. Agilent has recently added protocol test and network signaling analysis solutions. Design engineers working on LTE chip sets, modules, and systems can design, troubleshoot, and evaluate early prototype LTE transmitter and receiver designs. With Agilent's commitment and participation on the 3GPP committees, solutions are based on the latest standards.

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