DESCRIPTION

WCDMA (Wideband Code Division Multiple Access), an ITU standard derived from code division multiple access (CDMA) is officially known as IMT-2000 direct spread. WCDMA is a third generation mobile wireless technology offering much higher data speeds to mobile and portable wireless devices than commonly offered in today’s market. WCDMA is a relatively new technology and there is little information in the public domain about specific design issues. The proposed book will discuss UMTS/WCDMA from the perspective of a potential development engineer, who may have experience of GSM but none of WCDMA technology. The book will outline the design specifications and potential problems and solutions faced by an engineer designing a mobile device such as a handset.

WCDMA: Requirements and Practical Design:

- Offers in-depth coverage of the critical issues in designing a UMTS handset modem.
- Discusses the practical design elements of a UMTS modem.
- Authored by leaders in their field, working at Ubinetics.

Highly relevant to professional software engineers, Design engineers, Electrical engineers (RF base-band, DSP software, protocol software), technical managers, postgraduate students and academics.
ABOUT THE AUTHOR

Rudolf Tanner and Jason Woodard are the authors of WCDMA: Requirements and Practical Design, published by Wiley.

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