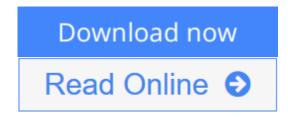


Wireless Crash Course: Third Edition

By Paul Bedell



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COVERAGE INCLUDES:

- Cellular radio history and development
- The cell base station
- Basic cellular network design and operation
- Radio frequency (RF) operation and technologies
- Antennas, RF power, and sectorization
- Distributed antenna systems (DAS)
- Base station elements and RF signal flow
- 2G and 3G digital wireless technologies
- Cellular generations overview
- 4G and Long Term Evolution (LTE)
- Microwave radio systems
- Cell site to MTSO network connections
- The MTSO, core network, and network operations center (NOC)
- Personal communication services (PCS) and current marketplace
- Towers
- Capacity management, propagation models, and drive testing
- Interconnection to the landline public switched telephone network (PSTN)
- Roaming and intercarrier networking
- Mobile data technologies
- The business side of wireless

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Editorial Review

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