

Wireless Communications

PRINCIPLES AND PRACTICE

Second Edition



THEODORE S. RAPPAPORT

Prentice Hall Communications Engineering and Emerging Technologies Series
Theodore S. Rappaport, Series Editor

WIRELESS COMMUNICATIONS

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SECOND EDITION

Theodore S. Rappaport

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*The Lord has blessed me
with a wonderful family
to whom this book is dedicated.*

*To my wife Brenda Marie,
and to our children
Matthew, Natalie, and Jennifer*

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