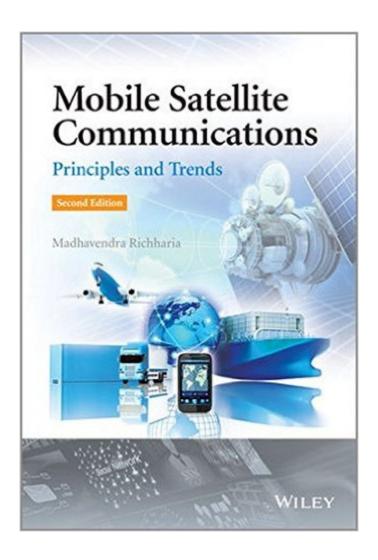
## The book was found

# Mobile Satellite Communications: Principles And Trends





### Synopsis

Demand for Mobile Satellite Service (MSS) is on the increase, with a huge surge of interest in mobile communications in recent years and high-paced advancements in the supporting system architectures, devices and applications. This thoroughly revised and updated book provides a comprehensive guide to the MSS technologies and emerging trends. It takes a system level approach, giving in-depth treatment of technical and business related issues. The author, a leading professional in the area, draws on his extensive experience in industry and research, to provide the reader with a sound and informed understanding of the technology. Mobile Satellite Communications includes introductory material for the reader new to the field, in addition to exploring prevalent system concepts, architecture, practices and trends for the more experienced. An in-depth review of scientific principles merged with business models and regulatory considerations presents a balanced perspective of commercial mobile satellite systems. This book will be of interest to practicing engineers in mobile satellite communications and mobile broadcasting, research and development professionals working in these areas, mobile satellite service providers and operators. Academics and students studying satellite systems/technology, specialists in other classes of satellite systems, technical and marketing managers, strategists and planners of telecommunication systems: individuals interested in mobile communications, satellite and telecommunications/broadcasting technology will also find this book insightful. Key Features: Comprehensive treatment of mobile satellite communications topics, including radio link aspects, satellite constellations, architectural and operational aspects, as well as business planning models, MSS radio interface standards, spectrum forecast methodologies and system examples. Addresses related themes such as mobile broadcasting, mobile VSATs, search and rescue, and navigation systems. Introduces emerging technologies such as mobile broadband, television broadcasting to handheld units, advanced capacity enhancement techniques, hybrid system architecture concepts, including a rich sample of research topics such as multiple input multiple output, satellite-based ad-hoc networks, and highlights initiatives in the use of Q/V frequency bands. Includes revision questions at the end of each chapter. An accompanying website for interaction (www.satellitesandyou.com).

#### **Book Information**

Hardcover: 752 pages

Publisher: Wiley; 2 edition (May 12, 2014)

Language: English

ISBN-10: 1119998867

ISBN-13: 978-1119998860

Product Dimensions: 7 x 1.6 x 9.9 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,951,004 in Books (See Top 100 in Books) #70 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Satellite #392 in Books > Science & Math > Physics > Waves & Wave Mechanics #678 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Radio Operation

#### Download to continue reading...

Mobile Satellite Communications: Principles and Trends Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design and System Performance Mobile Satellite Communications Handbook Mobile Apps Made Simple: The Ultimate Guide to Quickly Creating, Designing and Utilizing Mobile Apps for Your Business - 2nd Edition (mobile application, ... programming, android apps, ios apps) Mobile Computing Principles: Designing and Developing Mobile Applications with UML and XML Designing Mobile Payment Experiences: Principles and Best Practices for Mobile Commerce Apps: Mobile App Trends in 2015 (iOS, Xcode Programming, App Development, iOS App Development, App Programming, Swift, Without Coding) ((Android, Android ... App Programming, Rails, Ruby Programming)) Understanding GPS: Principles and Applications, Second Edition (Artech House Mobile Communications) Innovations in Satellite Communication and Satellite Technology The Telecommunications Handbook: Engineering Guidelines for Fixed, Mobile and Satellite Systems Satellite Communications Network Design and Analysis Communications at Sea: Marine Radio, Email, Satellite, and Internet Services The Origins of Satellite Communications, 1945-1965 (Smithsonian History of Aviation and Spaceflight Series) Satellite Communications Systems: Systems, Techniques and Technology Satellite Communications Satellite Communications, Fourth Edition (Professional Engineering) Satellite Communications Fundamentals (Artech House space technology & applications library) Filter Design for Satellite Communications: Helical Resonator Technology Satellite Communications Systems Engineering (2nd Edition) Mobile Design and Development: Practical concepts and techniques for creating mobile sites and web apps (Animal Guide)

**Dmca**