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spectrum; 4.4. How to plan new applications and compatible services; 4.5. Regulation, harmonization, planning; 4.6. Is the spectrum resource scarce?; 4.7. Spectrum sharing: a summary
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9.3. Claim for interference: legal prosecutions9.4. "Radio landscape" description; 9.5. Terminals; Part 2. Managers and their Practices; Chapter 10. New Technical Perspectives and Impact on Spectrum Management; 10.1. Spread spectrum technologies; 10.2. OFDM and MIMO; 10.3. Ultra wideband; 10.4. Dynamic spectrum access technologies; 10.5. Software-defined radio; 10.6. Cognitive radio; 10.7. Intersystem control; 10.8. Mesh networks; Chapter 11. The International Telecommunication Union (ITU); 11.1. The ITU today; 11.2. Radio Regulations; 11.2.1. The vocabulary of radiocommunications
11.2.2. Table of frequency allocations

Sommario/riassunto

Radio frequencies have become a basic resource for the development of the information society. In fact, radio waves are a mandatory vehicle in order to carry the message to customers and a truly worldwide communication needs their properties. Given the market demands for more and more frequencies, means have to be found to share this limited resource most effectively and to continuously improve its efficiency. Radio spectrum management is thus a major objective for our modern world. This book describes the current tools for spectrum management with their fundamental technical and legal basis