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Autore	Anguera Jaume
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Nota di contenuto	Intro -- Contents -- About the authors -- Preface -- Acknowledgements -- 1. Introduction -- 2. State of the art -- 3. Antenna boosters: fundamentals -- 4. Antenna booster technology for single-band operation -- 5. Antenna booster technology for multiband operation -- 6. Antenna booster technology for multi-radio applications -- 7. Reconfigurable multiband architectures for wireless devices embedding antenna boosters -- 8. Wireless devices embedding antenna boosters near conductive bodies -- 9. Matching network synthesis considering pad layout -- 10. Antenna booster technology versus other antenna technologies -- 11. From zero to hero in antenna booster technology -- Index.
Sommario/riassunto	Starting with the theory and fundamentals behind antenna booster design and matching networks, the authors show readers how to put theory into practice to design antenna systems on wireless platforms and multiband design for wireless device operations with optimized matching networks either passive or active.