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Record Nr.	UNINA9910143224203321
Autore	Laskar Joy
Titolo	Modern receiver front-ends [[electronic resource]] : systems, circuits, and integration / / Joy Laskar, Babak Matinpour, Sudipto Chakraborty
Pubbl/distr/stampa	Hoboken, NJ, : Wiley-Interscience, c2004
ISBN	1-280-34471-7
	9786610344710
	0-470-24457-7
	0-471-47486-X
	0-471-47485-1
Descrizione fisica	1 online resource (237 p.)
Altri autori (Persone)	MatinpourBabak
	ChakrabortySudipto
Disciplina	621.384/18
Soggetti	Radio frequency integrated circuits
	Radio - Receivers and reception - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	MODERN RECEIVER FRONT-ENDS; CONTENTS; Preface; Acknowledgments; 1 INTRODUCTION; 1.1 Current State of the Art; 2 RECEIVER SYSTEM DESIGN; 2.1 Frequency Planning; 2.1.1 Blockers; 2.1.2 Spurs and Desensing; 2.1.3 Transmitter Leakage; 2.1.4 LO Leakage and Interference; 2.1.5 Image; 2.1.6 Half IF; 2.2 Link Budget Analysis; 2.2.1 Linearity; 2.2.2 Noise; 2.2.3 Signal-to-Noise Ratio; 2.2.4 Receiver Gain; 2.3 Propagation Effects; 2.3.1 Path Loss; 2.3.2 Multipath and Fading; 2.3.3 Equalization; 2.3.4 Diversity; 2.3.5 Coding; 2.4 Interface Planning; 2.5 Conclusion; 3 REVIEW OF RECEIVER ARCHITECTURES
	3.1 Heterodyne Receivers3.2 Image Reject Receivers; 3.2.1 Hartley Architecture; 3.2.2 Weaver Architecture; 3.3 Zero IF Receivers; 3.4 Low IF Receivers; 3.5 Issues in Direct Conversion Receivers; 3.5.1 Noise; 3.5.2 LO Leakage and Radiation; 3.5.3 Phase and Amplitude Imbalance; 3.5.4 DC Offset; 3.5.5 Intermodulations; 3.6 Architecture Comparison and Trade-off; 3.7 Conclusion; 4 SILICON-BASED RECEIVER DESIGN; 4.1 Receiver Architecture and Design; 4.1.1 System Description and

Sommario/riassunto	Architectures BABAK MATINPOUR and JOY LASKAR* Describes the actual implementation of receiver architectures from the initial design to an IC-based product* Presents many tricks-of-the-trade not usually covered in textbooks* Covers a range of practical issues including semiconductor technology selection, cost versus performance, yield, packaging, prototype development, testing, and analysis* Discusses architectures that are employed in modern broadband wireless systems