

1. Record Nr.	UNINA9910792136103321
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Titolo	Behavioral modeling and linearization of RF power amplifiers // John Wood
Pubbl/distr/stampa	Boston : , : Artech House, , ©2014 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2014]
ISBN	1-60807-121-9
Descrizione fisica	1 online resource (379 p.)
Collana	Artech House microwave library
Disciplina	621.381535
Soggetti	Amplifiers, Radio frequency
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	Models, modeling, and simulation -- Linear systems and identification -- Modeling PA nonlinearities -- Memory effects -- Nonlinear dynamical models -- Digital pre-distortion -- Crest factor reduction of digital communication signals -- RF pre-distortion -- Frequency domain models.
Sommario/riassunto	Wireless voice and data communications have made great improvements, with connectivity now virtually ubiquitous. Users are demanding essentially perfect transmission and reception of voice and data. The infrastructure that supports this wide connectivity and nearly error-free delivery of information is complex, costly, and continually being improved. This resource describes the mathematical methods and practical implementations of linearization techniques for RF power amplifiers for mobile communications. This includes a review of RF power amplifier design for high efficiency operation. Readers.