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There are several methods of measuring RF/microwave power signals. Direct sensing methods—such as thermal measurements from the heating effect upon a sensing area or detecting a signal with diodes—create a direct-current (DC) voltage proportional to the signal amplitude.

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Coverage includes the use of bipolar devices in conventional high efficiency PA design, the Doherty and Chireix PAs, envelope feedback, memory effects, and microwave PA techniques. Cripps is an independent consultant in the area of Rf power amplifier design.

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The author is an expert in RF amplifiers. In this book he expands upon the ideas presented in his previous book which was a best seller. There was a problem loading comments right now. Please try again later. There was a problem loading comments right now. Please try again later.

RF Power Amplifier Linearization Techniques - ScienceDirect  
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Advanced Techniques in RF Power  
Advanced Techniques in RF Power Amplifier Design This much-anticipated volume builds on the author's popular work, RF Power Amplifiers for Wireless Communications (Artech House, 1999), offering you a more in-depth understanding of the theory and design of RF power amplifiers.

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This case corresponds to a current waveform. 4 Advanced Techniques in RF Power Amplifier Design. Class AB Amplifiers 5 2pp0 Conduction angle (Class) ABCAB 0 +5dB 100% ?5dB 0% RF power (dB) Efficiency RF power (dB) Figure 1.3 Reduced conduction angle modes, power and efficiency at maximum drive level.

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Advanced Techniques in RF Power Amplifier Design: Steve C ...  
Steve C. Cripps Steve C. Cripps is an independent consultant concentrating in the area of RF power amplifier design. He is also the author of Advanced Techniques in RF Power Amplifier Design (Artech House, 2002) and has over 20 years of experience in microwave technology design and development. He received his Ph.D. from Cambridge University.

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