Abstracts

Waveform Characterization of Microwave Power Heterojunction Bipolar Transistors

C.J. Wei, Y. Lan, J.C.M. Hwang, W.J. Ho and J.A. Higgins. "Waveform Characterization of Microwave Power Heterojunction Bipolar Transistors." 1995 MTT-S International Microwave Symposium Digest 95.3 (1995 Vol. III [MWSYM]): 1239-1242.

Time-domain waveform characterization has been successfully applied to microwave power heterojunction bipolar transistors, for extraction and verification of their large-signal nonlinear characteristics. Compared to the conventional dc and smail- signal techniques, this new technique is inherently more accurate and allows insight into the transistor operation.

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