

Abstracts

Internal-Node Waveform Probing of MMIC Power Amplifiers

C.J. Wei, Y.A. Tkachenko, J.C.M. Hwang, K.E. Smith and A.H. Peake. "Internal-Node Waveform Probing of MMIC Power Amplifiers." 1995 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 95.1 (1995 [MCS]): 127-130.

A novel internal-node waveform probing technique has been demonstrated on a MMIC. The error of the measurement and its perturbation to circuit operation was estimated and verified to be less than 20%. Valuable insight was obtained from the variation of waveforms as a function of frequency, drive and location.

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