

Abstracts

A Quasi-Linear Approach to the Design of Microwave Transistor Power Amplifiers

K.L. Kotzebue. "A Quasi-Linear Approach to the Design of Microwave Transistor Power Amplifiers." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 98-100.

A simple graphical technique similar to the conventional Linvill technique has been developed which specifies the added-power circuit efficiency of a microwave transistor power amplifier with arbitrary load termination. Experimental verification of this approach has been obtained with a 1 W BJT amplifier operating at 1.3 GHz.

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