

Abstracts

A New Load-Pull Characterization Method for Microwave Power Transistors

Y. Takayama. "A New Load-Pull Characterization Method for Microwave Power Transistors." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 218-220.

A novel method for microwave power transistor load-pull characterization is presented. The method provides an equivalent load-pull measurement technique without using an output impedance tuner. In this method, both input and output ports of a test transistor are simultaneously driven by external signals at the same specified frequency. Results of its application to a medium-power GaAs FET are given.

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