

Abstracts

Full Characterization of GaAs Power MESFET and Accurate Load-Pull Contours Prediction

M. Lajugie, F. Grossier, A. Silbermann and Y. Bender. "Full Characterization of GaAs Power MESFET and Accurate Load-Pull Contours Prediction." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 339-342.

A novel large-signal model implemented on the nonlinear time-domain program CIRCEC leads to accurate prediction of all the GaAs MESFET characteristics, needed for the design of a power amplifier. The good agreement between measured and modeled load-pull contours validates the chosen trends.

[Return to main document.](#)