

# 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.](#)