

Abstracts

Electromagnetic modeling of linear pHEMTs for millimeter waves

M. Farina and T. Rozzi. "Electromagnetic modeling of linear pHEMTs for millimeter waves." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1801-1804.

Current MMIC design, involving frequencies far in the millimeter and sub-millimeter ranges, is faced with the problem of the distributed nature of the devices. In this contribution we introduce a full wave approach to the modeling of pseudomorphic HEMTs under the small-signal hypothesis, validated by comparison with available experimental data.

[Return to main document.](#)