

Abstracts

A Large Signal Nonlinear MODFET Model from Small Signal S-Parameters

J.M. O'Callaghan and J.B. Beyer. "A Large Signal Nonlinear MODFET Model from Small Signal S-Parameters." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. I [MWSYM]): 347-350.

A general technique for predicting the FET large signal performance has been developed. The technique is based entirely on experimental data (small signal S-parameters at different bias points) and therefore is independent of the structure of the FET. Large signal measurements confirm the validity of the model.

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