

# Abstracts

## **LDMOS electro-thermal model validation from large-signal time-domain measurements**

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*R. Gaddi, J.A. Pla, J. Benedikt and P.J. Tasker. "LDMOS electro-thermal model validation from large-signal time-domain measurements." 2001 MTT-S International Microwave Symposium Digest 01.1 (2001 Vol. 1 [MWSYM]): 399-402 vol. 1.*

Analytical nonlinear model validation through large-signal time-domain characterization has been greatly improved, by establishing a novel link between measurement and simulation.

Investigation on a silicon LDMOS device and its nonlinear electro-thermal model positively identifies links between model formulation and amplifier requirements for future telecommunication systems.

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