

Abstracts

Large-Signal Narrow Band Quasi-Black-Box Modelling of Microwave Transistors

F. Filicori, A. Mambrioni and V.A. Monaco. "Large-Signal Narrow Band Quasi-Black-Box Modelling of Microwave Transistors." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 393-396.

A method is proposed for the large-signal narrow-band characterization of microwave active devices. It does not require a detailed knowledge of the device internal structure, but only some measurements of small signal S parameters effected under different bias conditions and some other simple large-signal measurements to be effected by a standard network analyzer.

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