

Abstracts

An empirical HBT Large Signal Model for CAD

I. Angelov, K. Choumei and A. Inoue. "An empirical HBT Large Signal Model for CAD." 2002 MTT-S International Microwave Symposium Digest 02.3 (2002 Vol. III [MWSYM]): 2137-2140 vol.3.

Extensive measurements were performed at different temperatures on GaAs HBT's in order to obtain a simple Large Signal Model usable in CAD. The model was experimentally evaluated by DC, S and Power Spectrum measurements and good correspondence was obtained between measurements and experiment.

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