

Abstracts

Accurate Millimeter-Wave Large Signal Modeling of Planar Schottky Varactor Diodes

S. Lucyszyn, G. Green and I.D. Robertson. "Accurate Millimeter-Wave Large Signal Modeling of Planar Schottky Varactor Diodes." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. 1 [MWSYM]): 259-262.

A large signal model for GaAs Planar Schottky Varactor Diodes (PSVDs) is presented which maintains a high level of accuracy into the millimetric frequency range -- for both forward and reverse bias. Using this new model, the simulated performance for a number of PSVD structures gave accurate predictions up to 40GHz.

[Return to main document.](#)

Click on title for a complete paper.