

Abstracts

Consideration of Velocity Saturation in the Design of GaAs Varactor Diodes

T.W. Crowe, W.C.B. Peatman, R. Zimmermann and Ralph Zimmermann. "Consideration of Velocity Saturation in the Design of GaAs Varactor Diodes." 1993 Microwave and Guided Wave Letters 3.6 (Jun. 1993 [MGWL]): 161-163.

The design of GaAs Schottky barrier varactor diodes is reconsidered in light of the recent discovery of velocity saturation effects in these devices. Experimental data is presented which confirms that improved multiplier performance can be achieved.

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