

Abstracts

Computer Analysis of Microwave and Millimeter-Wave Mixers (Computer Program Descriptions)

*P.H. Siegel and A.R. Kerr. "Computer Analysis of Microwave and Millimeter-Wave Mixers (Computer Program Descriptions)." 1980 *Transactions on Microwave Theory and Techniques* 28.3 (Mar. 1980 [T-MTT]): 275-276.*

The program analyzes the performance of single-diode microwave and millimeter-wave mixers. A Schottky-barrier diode is assumed, whose I-V and CV characteristics are known. The diode mount is taken to be lossless, but may have external loads at any number of sideband and local oscillator (LO) harmonic frequencies.

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