

Abstracts

How to Model Intermodulation Distortion

S.A. Maas. "How to Model Intermodulation Distortion." 1991 MTT-S International Microwave Symposium Digest 91.1 (1991 Vol. 1 [MWSYM]): 149-151.

This paper examines the problem of calculating intermodulation levels and mixer spurious responses in nonlinear microwave circuits. We examine the effects of device models analytical methods, dynamic range, and linear elements cm accuracy. We also describe ways to obtain accurate analyses of these phenomena using available harmonic-balance and Volterra-series circuit simulators.

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