

Abstracts

Nonlinear and Intermodulation Characteristics of Millimeter-Wave IMPATT Amplifiers

H.J. Kuno and D.L. English. "Nonlinear and Intermodulation Characteristics of Millimeter-Wave IMPATT Amplifiers." 1976 Transactions on Microwave Theory and Techniques 24.11 (Nov. 1976 [T-MTT] (Special Issue on Millimeter Waves: Circuits, Components, and Systems)): 744-751.

An analysis and experimental results of intermodulation distortion characteristics of millimeter-wave IMPATT amplifiers are presented. Design considerations for linear IMPATT amplifiers and tradeoffs between the small-signal gain and intermodulation distortion are discussed.

[Return to main document.](#)