

Abstracts

Large Signal Operation of Microwave Transistors (Correspondence)

B.T. Vincent. "Large Signal Operation of Microwave Transistors (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.6 (Nov. 1965 [T-MTT]): 865-866.

Transistor amplifiers designed for small signal operation and near optimum noise figure in the microwave region have been reported by numerous workers. As the transistors operate under small signal conditions, conventional characterization in terms of Y or other parameters may be used for circuit design. Accurate measurement of the parameters is somewhat more difficult than at lower frequencies; nevertheless, in principle and practice, the same techniques employed at lower frequencies to measure transistor parameters can be utilized in the microwave region.

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