

# Abstracts

## Operating Criteria for Active Microwave Inductors (Correspondence)

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*E. Fliegler. "Operating Criteria for Active Microwave Inductors (Correspondence)." 1971  
Transactions on Microwave Theory and Techniques 19.1 (Jan. 1971 [T-MTT]): 89-91.*

A method is given whereby the range of frequencies of operation of an inverted common collector transistor circuit (synthesized inductance) is found experimentally as a function of bias current. A complementary relationship is shown to exist between this method and that which gives the frequency range by determining the maximum reflected negative resistance characteristics.

[Return to main document.](#)