

Abstracts

Operating Criteria for Active Microwave Inductors (Correspondence)

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.](#)