

Abstracts

Characterisation of Large-Signal Bipolar Transistors in L-Band

J.L. Hutchings. "Characterisation of Large-Signal Bipolar Transistors in L-Band." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 165-167.

Practical problems encountered in the characterisation of an L-band common base bipolar power transistor using three different characterisation techniques are discussed. One of the techniques, an improved "load-pull" measurement technique, is shown to be a superior characterisation method. Results obtained from this method can be used to design a collector matching network.

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