

Abstracts

A Computer Aided Design of L-Band Transistor Power Amplifiers

G.T. O'Reilly, R.E. Neidert and L.K. Wilson. "A Computer Aided Design of L-Band Transistor Power Amplifiers." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 135-137.

A computer aided design procedure is formulated for L-band transistor power amplifiers. The procedure incorporates a precision measurement technique for transistor impedances, a model for large step discontinuities in microstrip and an optimization routine for the direct realization of broadband matching circuits.

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