

Abstracts

Designing Microstrip Matching Networks for Microwave-Transistor Power Amplifiers (Short Papers)

G.T. O'Reilly, R.E. Neidert and L.K. Wilson. "Designing Microstrip Matching Networks for Microwave-Transistor Power Amplifiers (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1323-1325.

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 broad-band matching circuits.

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