

Abstracts

X-Band TRAPATT Amplifier (Short Papers)

N.W. Cox, C.T. Rucker, G.N. Hill and K.E. Gsteiger. "X-Band TRAPATT Amplifier (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1325-1328.

The design and performance of broad-band TRAPATT amplifiers in X band are described along with a discussion of critical circuit parameters. Bandwidths of 10 percent and peak powers up to 38 W have been achieved using coaxial circuits with single and multichip diodes.

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