

# Abstracts

## X-Band TRAPATT Amplifier

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*N.W. Cox, C.T. Rucker and K.E. Gsteiger. "X-Band TRAPATT Amplifier." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 367-370.*

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% and peak powers up to 38 watts have been achieved using coaxial circuits with single and multichip diodes.

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