

Abstracts

Circuit Optimization of S-Band TRAPATT Oscillators

R.J. Trew, N.A. Masnari and G.I. Haddad. "Circuit Optimization of S-Band TRAPATT Oscillators." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 360-361.

Improved performance of S-band TRAPATT oscillators has been obtained by circuit optimization techniques. Experimental conversion efficiencies approaching the theoretical predictions have been obtained for n+pp+ oscillators. Significant improvement has also been obtained in the operation of p+nn+ diodes.

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