

# Abstracts

## Microwave Generation Using Sheet Relativistic Electron Beams

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*G. Providakes, J.A. Nation and M.E. Read. "Microwave Generation Using Sheet Relativistic Electron Beams." 1977 Transactions on Microwave Theory and Techniques 25.6 (Jun. 1977 [T-MTT] (Special Issue on the Proceedings of the Second International Conference on Submillimeter Waves and Their Applications)): 563-566.*

Potential advantages in the use of a sheet electron beam for generation of high-power microwave signals are discussed and preliminary experiments to establish their applicability are reported. An examination indicates that sheet beams probably have greatest utility in the frequency, range 10-100 GHz.

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