

# Abstracts

## Environmentally Controlled Waveguide Irradiation Facility (Short Papers)

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*H.S. Ho, E.I. Ginns and C.L. Christman. "Environmentally Controlled Waveguide Irradiation Facility (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.12 (Dec. 1973 [T-MTT] (1973 Symposium Issue)): 837-840.*

Research has shown that the determination of absorbed microwave energy as well as the control of environmental parameters are important in relating biological-effect data to, radiation protection. This short paper describes the development of an environmentally controlled waveguide irradiation facility for the exposure of small animals to 2450-MHz CW microwave energy. Integral dose rate is determined without perturbing the microwave field interacting with the irradiated animal.

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