

Abstracts

Environmentally Controlled Waveguide Irradiation Facility (Short Papers)

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.

 [Return to main document.](#)