Abstracts

A Microwave Dosimetry System for Measured Sampled Integral-Dose Rate (Dec. 1974 [T-MTT])

C.L. Christman, H.S. Ho and S. Yarrow. "A Microwave Dosimetry System for Measured Sampled Integral-Dose Rate (Dec. 1974 [T-MTT])." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1267-1272.

An interface has been developed to allow the measurement of sampled integral-dose rate, defined as the change in integral dose during a particular time interval divided by that interval, absorbed by test animals as they are exposed in a waveguide to 2450-MHz CW microwave energy. The purpose of this investigation is to quantify the variations in sampled integral-dose rate as a result of the animal movements and to compare different irradiation procedures with respect to variations in sampled integral-dose rate.

❑ Return to main document.