

Abstracts

Effect of Microwave Fields on Rabbit Vagus Nerves and Superior Cervical Ganglia

C.-K. Chou and A.W. Guy. "Effect of Microwave Fields on Rabbit Vagus Nerves and Superior Cervical Ganglia." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 292-294.

Rabbit vagus nerves and superior cervical ganglia were exposed in vitro to CW and pulsed 2450 MHz fields in a waveguide circulated with temperature-controlled Ringer's solution. No significant change in characteristics was observed at absorbed power densities of 0.3-1500 W/kg for CW, and 0.3-220 kW/kg peak for pulsed fields as long as temperature was maintained at a constant non-noxious level.

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