

Abstracts

Analysis of Microwave Effects on Isolated Hearts

C.C. Tamburello, L. Zanforlin, G. Tine and A.E. Tamburello. "Analysis of Microwave Effects on Isolated Hearts." 1991 MTT-S International Microwave Symposium Digest 91.2 (1991 Vol. II [MWSYM]): 805-808.

Heartbeat stimulation and regularization effects of microwaves on the electrical activity of isolated chick embryo hearts are analyzed. The hearts were exposed to low-power pulsed modulated electromagnetic waves at 2.45 GHz. The results can be explained by studying the correlation between the cardiac and the modulation waveforms.

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