

Abstracts

Microstrip Loop Radiators for Local Hyperthermia

I.J. Bahl, S.S. Stuchly, J.W. Lagendijk and M.A. Stuchly. "Microstrip Loop Radiators for Local Hyperthermia." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 465-467.

Two new microstrip radiators for inducing local hyperthermia designed to operate at 433 MHz and 915 MHz are described. Empirical design methods and experimental results obtained with phantoms are presented. The radiators have a desired uniform radiation pattern and are well matched to the muscle tissue or a water bolus.

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