

Abstracts

A Multi-Element Microstrip Antenna for Local Hyperthermia

E. Tanabe, A. McEuen, C.S. Norris, P. Fessenden and T.V. Samulski. "A Multi-Element Microstrip Antenna for Local Hyperthermia." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 183-185.

A multi-element microstrip antenna applicator designed for microwave local hyperthermia is described. Design criteria for such a microstrip antenna array are presented. Various antennas were built and compared. Experimental measurements of heating patterns show the multiple microstrip spiral antenna provides controlled heating over a large area.

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