

Abstracts

Bidimensional Analysis of Planar Applicators from Spectral Domain Approach Method for 915 MHz Hyperthermia

J. Pribetich, L. Dubois, P. Y. Cresson and M. Chive. "Bidimensional Analysis of Planar Applicators from Spectral Domain Approach Method for 915 MHz Hyperthermia." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1275-1278.

This communication is a continuation and an improvement of previous modelization of planar applicators used in hyperthermia. This analysis is based on the bidimensional Spectral Domain Approach (S.D.A.) method. Theoretical and experimental results for the resonant frequencies, power deposition and heating patterns of a planar applicator radiating into human body or phantoms are presented.

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