

Abstracts

Numerical Calculation of Electromagnetic Energy Deposition for a Realistic Model of Man

M.J. Hagmann, O.P. Gandhi and C.H. Durney. "Numerical Calculation of Electromagnetic Energy Deposition for a Realistic Model of Man." 1979 Transactions on Microwave Theory and Techniques 27.9 (Sep. 1979 [T-MTT]): 804-809.

Numerical calculations of absorbed energy deposition have been made for a block model of man that is defined with careful attention given to the biometric and anatomical features of a human being. Calculated post-resonant absorption and distribution of energy deposition through the body have better agreement with experimental results than previous calculations made using less realistic models.

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