

Abstracts

Numerical Calculation of Electromagnetic Energy Deposition for a Realistic Model of Man (Comment)

K.-M. Chen. "Numerical Calculation of Electromagnetic Energy Deposition for a Realistic Model of Man (Comment)." 1980 *Transactions on Microwave Theory and Techniques* 28.9 (Sep. 1980 [T-MTT]): 1034-1034.

In the above paper, Hagmann et al. compared their numerical results on the energy deposition in a model of man with ours, and indicated that our results are low compared with their numerical and experimental results. Our low SAR values were obtained because they were based on a simplified model of man which has a reasonable shape but an excessive weight of about 200 kg. We have since published a considerable amount of results based on a more realistic model of man, which has a more realistic shape and a weight of about 100 kg. Our numerical results based on the realistic model of man are quite close to the numerical and experimental results of Hagmann et al. as shown in Table I.

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