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9:00 a.m.-12:00 m.

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transductions that, while energetically trivial, might be informationally or deformationally consequential. The complex relation of field structure and strength (density) to absorption of RF energy (dosimetry) are discussed in the light of empirical and analytical data. Problems of measurement and interpretation are also discussed, especially that of extrapolation to the human being of data based on small animals. The quantities of energy absorbed per unit mass by a human being in microwave (300 MHz-300 GHz) fields are substantially less than those of the mice and rats upon which most experimental work has been performed. The failure to account for this factor of electrical scaling is one of several sources of faulty judgment concerning harmful potential of microwave fields for man.

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