

Abstracts

Theoretical evaluation of UMTS/GSM electromagnetic fields on neuronal network response

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Understanding the modalities of the interaction of electromagnetic (EM) fields with biological material is a key point in the identification of possible induced effects. In the past, the authors proposed an integrated approach to model electromagnetic fields interaction with biological systems, in which the final biological target is a neuronal network. In this paper, they investigate the possible effects of EM signals related to UMTS and GSM standards on the neuronal network model.

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