

**Enhanced Absorption of Electromagnetic Radiation by Resonant Sites in Biologic Tissue**

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**ABSTRACT**

It is shown that the local power absorbed in microscopic resonant sites in biologic tissue, may be orders of magnitude larger than the average power absorbed in the background. Further, since the volume of these resonant sites is extremely small relative to the control volume, their effect on the global power absorption is negligible and therefore it is in fact undetectable by an external observer.