

EXPERIMENTAL INVESTIGATION ON THE MATERIALS AND NANOMATERIALS IN MICROWAVE FIELDS

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***Abstract:** This paper present the measurement results obtained after testing the characteristics of new materials developed after studies and researches in the field of nanosciences. New materials are known as nanomaterials, with are important in a wide area of applications. The usefulness of nanomaterials becomes relevant as their behavior in various physical media in investigated. This paper presents the results of measurements on the attenuation of a microwave field in different types of nanomaterials. This paper was written in the framework of the 429/2006 CNCSIS project.*

***Key words:** nanomaterials study, attenuation, microvawe field.*

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