

# Abstracts

## An Experimental Technique for In Vivo Permittivity Measurement of Materials at Microwave Frequencies (Short Papers)

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*K.F. Staebell and D. Misra. "An Experimental Technique for In Vivo Permittivity Measurement of Materials at Microwave Frequencies (Short Papers)." 1990 Transactions on Microwave Theory and Techniques 38.3 (Mar. 1990 [T-MTT]): 337-339.*

This paper involves the formulation of a new procedure to be used in making in vivo dielectric measurements with an open-ended coaxial line probe. The theory behind the technique is discussed along with a correction method to account for the system imperfections. Experimental results are compared with the corresponding data available in the literature. The limitations of this technique are considered.

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