

Abstracts

Characterization of Anisotropic Substrate Materials for Microwave Applications

U. Fritsch and I. Wolff. "Characterization of Anisotropic Substrate Materials for Microwave Applications." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 1131-1134.

This paper deals with the characterization of uniaxially anisotropic substrates. On the basis of the measured effective permittivity of a microstripline the permittivity tensor of the substrate is calculated using an optimization routine and a Spectral-Domain Analysis (SDA) for the microstripline properties.

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