

Abstracts

Complex Permittivity and Penetration Depth of Muscle and Fat Tissues Between 40 and 90 GHz (Letters)

J. Edrich and P.C. Hardee. "Complex Permittivity and Penetration Depth of Muscle and Fat Tissues Between 40 and 90 GHz (Letters)." 1976 Transactions on Microwave Theory and Techniques 24.5 (May 1976 [T-MTT]): 273-275.

First measurements of the complex permittivity and penetration depth of millimeter waves in fat and muscle tissue are reported. A new phaseless reduction technique is used. Significant variations of tissue properties after death were found.

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