

# Abstracts

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

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*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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