

# Abstracts

## A 2450-MHz Slab-Loaded Direct Contact Applicator with Choke (Dec. 1980 [T-MTT])

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*G. Kantor and D.M. Witters, Jr.. "A 2450-MHz Slab-Loaded Direct Contact Applicator with Choke (Dec. 1980 [T-MTT])." 1980 Transactions on Microwave Theory and Techniques 28.12 (Dec. 1980 [T-MTT] (1980 Symposium Issue)): 1418-1422.*

A Teflon-slab-loaded direct contact microwave diathermy applicator has been developed. It produces minimal leakage radiation during effective heating of simulated planar tissue models. The use of TEM mode excitation results in heating patterns which are more uniform than the patterns of comparable waveguide applicators without dielectric loading.

[Return to main document.](#)