

# Abstracts

## 27 MHz Waveguide Applicators for Localized Hyperthermia Treatment of Cancer

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*R.W. Paglione, F. Sterzer, J. Mendecki, E. Friedenthal and C. Botstein. "27 MHz Waveguide Applicators for Localized Hyperthermia Treatment of Cancer." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 463-464.*

The design of a 27 MHz ridged-waveguide applicator for use in localized hyperthermia treatment of cancer is described. The design includes considerations for mechanical constraints and for the size and location of tumors. Results of animal and clinical experiments are given.

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