

Abstracts

Capabilities of Multiapplicator Systems for Focussed Hyperthermia (Short Papers)

R. Knoechel. "Capabilities of Multiapplicator Systems for Focussed Hyperthermia (Short Papers)." 1983 *Transactions on Microwave Theory and Techniques* 31.1 (Jan. 1983 [T-MTT] (Joint Special Issue on Monolithic Microwave IC's)): 70-73.

Features of the randomly phased scheme and the constructive interference approach for focussed applicator systems are evaluated and compared from a practical point of view. A mathematical expression is given to estimate the depth location of a focal point that depends on the number of array elements. Constraints are indicated that limit the physical construction of such arrays and allow their application only for special purposes.

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