

# Abstracts

## Focused Heating in Cylindrical Targets: Part I (Short Papers)

---

*J.R. Wait. "Focused Heating in Cylindrical Targets: Part I (Short Papers)." 1985 *Transactions on Microwave Theory and Techniques* 33.7 (Jul. 1985 [T-MTT]): 647-649.*

The analytical basis of a method to focus the electromagnetic power into a conductive cylinder is described. The scheme, & currently being used by others, is to locate a number of horn apertures around the periphery. An explicit expression is obtained for the required excitation of the apertures for a two-dimensional model.

[Return to main document.](#)