

Abstracts

Frequencies of a truncated circular waveguide-method of internal matching

C.Y. Wang. "Frequencies of a truncated circular waveguide-method of internal matching." 2000 *Transactions on Microwave Theory and Techniques* 48.10 (Oct. 2000 [T-MTT]): 1763-1765.

The frequencies of a truncated circular waveguide are determined using the method of internal matching; both TE and TM modes are considered. As the aspect ratio increases, the modes change continuously from those of a long rectangle to those of a circular waveguide; the TM modes also describe vibrating membranes.

[Return to main document.](#)