

# Abstracts

## Resonant Frequencies of Dielectric Loaded Waveguide Cavities

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K.A. Zaki and A.E. Atia. "Resonant Frequencies of Dielectric Loaded Waveguide Cavities." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 421-423.

An accurate method for the computation of the resonant frequencies of dielectrically loaded circular cylindrical waveguide cavities is described. The method is suitable for the calculation of any resonant mode with high accuracy. Comparison of the calculation of the resonant frequencies of several cases agreed closely with measurements.

[Return to main document.](#)