

Abstracts

Analysis of Dielectric Resonators with Tuning Screw and Supporting Structure (Dec. 1985 [T-MTT])

F. Hernandez-Gil and J.P. Martinez. "Analysis of Dielectric Resonators with Tuning Screw and Supporting Structure (Dec. 1985 [T-MTT])." 1985 Transactions on Microwave Theory and Techniques 33.12 (Dec. 1985 [T-MTT] (1985 Symposium Issue)): 1453-1457.

The finite-element method is applied to calculate the resonant frequencies and electromagnetic field distributions of axisymmetric dielectric resonator modes. Analyses of several resonator shapes, including ring resonator, double resonator, and rod resonator with tuning screw and supporting structure, are made.

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