

Abstracts

Analysis of Dielectric Resonators with Tuning Screw and Supporting Structure (1985 [MWSYM])

F. Hernandez-Gil and J. Perez. "Analysis of Dielectric Resonators with Tuning Screw and Supporting Structure (1985 [MWSYM])." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 485-488.

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

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