

Abstracts

Evaluation of Modes in Dielectric Resonators Using a Surface Integral Equation Formulation (Dec. 1983 [T-MTT])

A.W. Glisson, D. Kajfez and J. James. "Evaluation of Modes in Dielectric Resonators Using a Surface Integral Equation Formulation (Dec. 1983 [T-MTT])." 1983 Transactions on Microwave Theory and Techniques 31.12 (Dec. 1983 [T-MTT] (1983 Symposium Issue)): 1023-1029.

A moment method solution procedure for rotationally symmetric dielectric bodies has been applied to isolated cylindrical dielectric resonators, and the frequencies, as well as Q factors due to radiation, have been determined for several of the lowest modes, including those of hybrid type.

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