

Abstracts

The Influence of Conducting Walls on Resonant Frequencies of the Dielectric Microwave Resonator (Correspondence)

S. Fiedziuszko and A. Jelenski. "The Influence of Conducting Walls on Resonant Frequencies of the Dielectric Microwave Resonator (Correspondence)." 1971 Transactions on Microwave Theory and Techniques 19.9 (Sep. 1971 [T-MTT]): 778-779.

Equations are given from which the resonant frequencies of dielectric resonators can be calculated taking into account the influence of the conducting walls of the microwave structures in which these resonators are inserted. The comparison between theoretical and experimental results shows the validity of the theoretical model.

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