

Abstracts

An Accurate Design of Resonance Frequencies of Dielectric Resonators

P. Guillou and Y. Garault. "An Accurate Design of Resonance Frequencies of Dielectric Resonators." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 197-199.

The resonance frequencies of both cylindrical and rectangular dielectric resonators are obtained by a new method, where we assume that all the surfaces are imperfect magnetic walls. The theoretical values of the resonance frequencies have a good agreement with our experimental results with an error less than 1 percent.

[Return to main document.](#)