

Abstracts

Analysis of Microstrip Circuits Coupled to Dielectric Resonators

R.R. Bonetti and A.E. Atia. "Analysis of Microstrip Circuits Coupled to Dielectric Resonators." 1981 Transactions on Microwave Theory and Techniques 29.12 (Dec. 1981 [T-MTT] (1981 Symposium Issue)): 1333-1337.

A lumped element circuit model is introduced to represent coupling between a cylindrical dielectric resonator and a microstrip line. The external Q of the structure is computed and compared to experimental data obtained with three different resonators.

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