Abstracts

Analysis of Complementary Unilateral Slot and Strip Resonators Printed on Anisotropic Substrates (Short Papers)

Y. Chen and B. Beker. "Analysis of Complementary Unilateral Slot and Strip Resonators Printed on Anisotropic Substrates (Short Papers)." 1995 Transactions on Microwave Theory and Techniques 43.7 (Jul. 1995, Part I [T-MTT]): 1605-1607.

A systematic method, based on the two-dimensional spectral domain method, for analyzing complementary unilateral slot and strip resonators is presented. The resonators are printed on anisotropic substrates with tensor permittivity and permeability, including the off-diagonal terms and ferrite properties. Numerical data are presented to illustrate the response of resonators to changes in material properties of the substrate.

❑ Return to main document.