Abstracts

Analysis of Superconducting Microstrip Lines and Resonators Using the Complex Resistive Boundary Conditions and the Variational Principle (Short Papers)

R.C. Qiu and I.-T. Lu. "Analysis of Superconducting Microstrip Lines and Resonators Using the Complex Resistive Boundary Conditions and the Variational Principle (Short Papers)." 1995 Transactions on Microwave Theory and Techniques 43.6 (Jun. 1995 [T-MTT]): 1396-1398.

A full wave characterization of high-temperature superconducting (HTS) microstrip lines and resonators is formulated based on the complex resistive boundary conditions (CRBC) of HTS. A variational approach is used to extend the applicable parameter range of the CRBC.

❑ Return to main document.