Abstracts

Analysis of Triangular Microstrip Resonators (Short Papers)

An isosceles triangular microstrip resonator is analyzed with the full wave formulation of the spectral domain technique. For a given apex angle and triangle height, the resonant frequency is evaluated from the numerical solution of the determinantal characteristic equation, obtained by neglecting the transverse current density. The agreement between the theoretical and experimental results is typically within ±2 percent.

❏