

Abstracts

Resonance in a cylindrical-triangular microstrip structure

Kin-Lu Wong and Shan-Cheng Pan. "Resonance in a cylindrical-triangular microstrip structure." 1997 Transactions on Microwave Theory and Techniques 45.8 (Aug. 1997, Part I [T-MTT]): 1270-1272.

Full-wave solutions for the complex-resonant frequency of a triangular microstrip patch printed on a cylindrical substrate are presented. Curvature effects on the complex-resonant frequency, as well as the quality factor of the cylindrical-triangular microstrip structure, are analyzed. Measured resonant frequencies are also shown for comparison. Good agreement between measured and theoretical results is obtained.

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