

Abstracts

Analysis of a Three-Dimensional Arbitrarily Shaped Dielectric or Biological Body Inside a Rectangular Waveguide (Jul. 1978 [T-MTT])

J.J.H. Wang. "Analysis of a Three-Dimensional Arbitrarily Shaped Dielectric or Biological Body Inside a Rectangular Waveguide (Jul. 1978 [T-MTT])." 1978 *Transactions on Microwave Theory and Techniques* 26.7 (Jul. 1978 [T-MTT]): 457-462.

This paper presents a method for the analysis of three-dimensional arbitrarily shaped dielectric obstacles inside a rectangular waveguide. The numerical computation involves a dyadic Green's function containing a double infinite series, which is evaluated by a partial summation technique.

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