

# Abstracts

## Lossy Inductive-Post Obstacles in Lossy Waveguide

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*P.G. Li and A.T. Adams. "Lossy Inductive-Post Obstacles in Lossy Waveguide." 1985 Transactions on Microwave Theory and Techniques 33.1 (Jan. 1985 [T-MTT]): 9-15.*

Post and wall losses are treated for inductive obstacles in rectangular waveguide. Post losses are treated rigorously by moment methods and wall losses are obtained by perturbational methods. Losses may be taken into account by a modified equivalent circuit and a lossy transmission line. Post losses may be comparable to wall losses.

 [Return to main document.](#)