

Abstracts

Analysis of Waveguide Post Configurations: Part II--Dual-Gap Cases

J.S. Joshi and J.A.F. Cornick. "Analysis of Waveguide Post Configurations: Part II--Dual-Gap Cases." 1977 Transactions on Microwave Theory and Techniques 25.3 (Mar. 1977 [T-MTT]): 173-181.

The analysis given in Part I is applied to two particular structures of general interest. The first is the two-post case, each post having one gap, and the second is the single-post with two gaps. The impedance or admittance matrix elements are used to construct the gap port networks which are then used to obtain the waveguide obstacle representations. These latter representations are used to obtain experimental confirmation of the analysis.

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