

Abstracts

Experimentally Determined Equivalent Network Scattering Parameters for Edge Slots in Rectangular Waveguide for Use as Reference Data

D.A. McNamara and J. Joubert. "Experimentally Determined Equivalent Network Scattering Parameters for Edge Slots in Rectangular Waveguide for Use as Reference Data." 1993 Microwave and Guided Wave Letters 3.11 (Nov. 1993 [MGWL]): 405-407.

Tabulated, experimentally determined, scattering parameters for edge slots in the narrow wall of rectangular waveguide are given over a range of frequencies. The suggestion is that these tabulated results be used instead of graphs (extant in the literature since the 1940's) from which it is difficult accurately to read off slot properties for comparison with theoretical techniques which may be proffered in future work by others.

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