

# Abstracts

## A Moment Method Analysis of a Folded E-Plane Short in Rectangular Waveguide

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J. Joubert. "A Moment Method Analysis of a Folded E-Plane Short in Rectangular Waveguide." 1994 *Microwave and Guided Wave Letters* 4.7 (Jul. 1994 [MGWL]): 223-225.

A folded E-plane waveguide short is analyzed using a moment method formulation. A comparison of the numerical convergence of the method is shown for two different sets of basis functions: trigonometric aperture waveguide modes and weighted Gegenbauer polynomials. The theory is verified by measurements of a folded short in half-height X-band rectangular waveguide.

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