

# Abstracts

## Whisker Embedding Impedance for Millimeter Wave Diode Circuits

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J. Xu and A. V. Raisanen. "Whisker Embedding Impedance for Millimeter Wave Diode Circuits." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. I [MWSYM]): 333-336.

This paper reports our newer developments on theoretical modeling of a whisker mounted in a rectangular waveguide. The moment method in conjunction with the dyadic Green's function is employed to analyze this structure. Effects of whiskers with various types of shape on the embedding impedance are investigated and presented.

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