

# Abstracts

## Closed-Form Expressions for the Current Distributions on Open Microstrip Lines

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*M. Kobayashi and H. Sekine. "Closed-Form Expressions for the Current Distributions on Open Microstrip Lines." 1991 Transactions on Microwave Theory and Techniques 39.7 (Jul. 1991 [T-MTT]): 1115-1119.*

An open microstrip line with isotropic dielectric substrate is numerically analyzed by the spectral-domain method to clarify current distributions on a strip conductor. The current distributions obtained are illustrated in figures for typical cases. A full view of current distributions on a strip conductor in any microstrip line is provided by showing those closed-form expressions.

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