

# Abstracts

## Fullwave Analysis of the Radiative Properties of Short-Circuit Discontinuities in Modified Coplanar Stripline

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*J.S. McLean and T. Itoh. "Fullwave Analysis of the Radiative Properties of Short-Circuit Discontinuities in Modified Coplanar Stripline." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. I [MWSYM]): 203-206.*

Spectral domain analysis is used to determine for the first time the radiation loss of short-circuit discontinuities in modified coplanar stripline. These results are compared with those for short-circuit discontinuities in coplanar waveguide and it is shown that, in the two cases analyzed, the radiation loss of the modified coplanar stripline short circuit is lower than that of the coplanar waveguide short circuit. The physical basis for this behavior is discussed.

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