

# Abstracts

## Excitation of the parasitic parallel-plate line mode at coplanar discontinuities

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*K. Beilenhoff and W. Heinrich. "Excitation of the parasitic parallel-plate line mode at coplanar discontinuities." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1789-1792.*

The excitation of the parasitic parallel-plate line mode at conductor-backed coplanar MMIC discontinuities and package feed-throughs is analyzed. The basic mechanism is investigated and a simplified description is presented. The model is validated by comparison to 3D Finite-Difference results.

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