

# Abstracts

## Coplanar Waveguide Transitions to Slotline: Design and Microprobe Characterization (Short Papers)

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*W. Grammer and K.S. Yngvesson. "Coplanar Waveguide Transitions to Slotline: Design and Microprobe Characterization (Short Papers)." 1993 Transactions on Microwave Theory and Techniques 41.8 (Sep. 1993 [T-MTT] (Special Issue on Modeling and Design of Coplanar Monolithic Microwave and Millimeter-Wave Integrated Circuits)): 1653-1658.*

Three types of coplanar waveguide/slotline baluns, suitable for monolithic integrated circuits, are designed and characterized to 40 GHz, using microwave wafer probes. The results from each are compared, and methods of biasing the slotline discussed.

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