

Characterization of Microstrip Discontinuities on LaAlO/sub 3/

P.A. Macdonald, D. Rensch, J.Y. Josefowicz, F. Williams and W. Hoefer. "Characterization of Microstrip Discontinuities on LaAlO/sub 3/." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1341-1344.

The difference between microstrip coupled line filter designs using quasi-static and full-wave analyses on LaAlO/sub 3/ is discussed. Comparative data for CAD predictions and direct measurement for selected microstrip discontinuities on LaAlO/sub 3/ substrates is presented, as well as measured and predicted filter performance.

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