

Abstracts

The influence of a top cover on the leakage from microstrip line (2000 Vol. III [MWSYM])

F. Mesa, A.A. Oliner, D.R. Jackson and M.J. Freire. "The influence of a top cover on the leakage from microstrip line (2000 Vol. III [MWSYM])." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1667-1670.

When a microwave integrated circuit is enclosed in a package, the top cover causes the transmission lines used in the circuit to become leaky at a lower frequency than otherwise. This effect is found to be particularly dramatic for microstrip line, and the leakage is strong enough to produce crosstalk that can ruin the performance of the circuit.

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