

Permittivity characterization from transmission-line measurement

M.D. Janezic and D.F. Williams. "Permittivity characterization from transmission-line measurement." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1343-1346.

We analyze three accurate broadband techniques for measuring the complex permittivity of dielectric substrates using coplanar waveguide transmission-line measurements and demonstrate good agreement with single-frequency cavity measurements.

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