

Abstracts

A new field-probing technique for millimeter-wave components

A. Basu and T. Itoh. "A new field-probing technique for millimeter-wave components." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1667-1670.

A new technique for probing the fields in the vicinity of a millimeter-wave circuit or antenna, using a dielectric waveguide is described. This technique is expected to be particularly useful for frequencies greater than 100 GHz, where effects of manufacturing inaccuracies, and minute material defects may lead to hard-to-trace faults.

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