

Calibrated Electro-Optic Measurements of a MMIC

D. Le Quang, D. Erasme and B. Huyart. "Calibrated Electro-Optic Measurements of a MMIC." 1994 MTT-S International Microwave Symposium Digest 94.3 (1994 Vol. III [MWSYM]): 1593-1596.

An electro-optic probing technique using a continuous-light semiconductor-laser beam and a fast photodetector is developed for measuring the S-parameters of the industrial MMICs. A comparison with network analyser measurements is shown. The calibration problem is solved in a simple manner by the presence of a Fabry-Perot effect.

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