

Abstracts

Verification of MMIC On-Wafer Microstrip TRL Calibration

C. Woodin and M. Goff. "Verification of MMIC On-Wafer Microstrip TRL Calibration." 1990 MTT-S International Microwave Symposium Digest 90.3 (1990 Vol. III [MWSYM]): 1029-1032.

An on-wafer calibration verification technique is presented, comparing Thru-Reflect-Line (TRL) calibrated microstrip measurements with independent resonator measurements in the 1 to 26.5 GHz band. This is believed to be the first reported independent verification of any microstrip on-wafer calibration. The improved accuracy using a verified on-wafer microstrip TRL calibration is demonstrated to improve the ability to attain first iteration MMIC design success.

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