

Abstracts

Vector Measurements of Microwave Devices at Cryogenic Temperatures

J.W. Smuk, M.G. Stubbs and J.S. Wight. "Vector Measurements of Microwave Devices at Cryogenic Temperatures." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1195-1198.

A real-time method to de-embed S-parameter measurements of MIC devices operated at 77°K is presented. Measurements of both an interdigitated capacitor and a GaAs MESFET cooled in a liquid nitrogen bath are shown for frequencies from 2.5 GHz to 20 GHz.

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