

# Abstracts

## A Simplified Calibration Procedure for Cryogenic Microwave Measurements

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*J.E. van Zyl, P. Meyer and C. van Niekerk. "A Simplified Calibration Procedure for Cryogenic Microwave Measurements." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1403-1406.*

A single standard co-axial two-port calibration procedure which uses only one short-circuit as a calibration standard, is presented. The technique uses time-domain reflectometry to model the embedding networks as two lossy transmission lines. It has particular significance for cryogenic measurements where cooling cycles can take up to several hours.

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