

Abstracts

A Complete Calibration Procedure for Time Domain Network Analyzers

P. Ferrari, G. Angenieux and B. Flechet. "A Complete Calibration Procedure for Time Domain Network Analyzers." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1451-1454.

This paper deals with a complete calibration procedure of a TDR-TDT system which yields to the Time Domain Network Analyzer (TDNA). All measurements are achieved in the Time Domain; the errors are corrected in the Frequency Domain, after Fourier Transform. The bandwidth of the system extends from DC to 20 GHz. A comparison of the results obtained by this method with those obtained by frequency measurements using a LRL correction is made.

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