

Abstracts

De-Embedding and Unterminating Microwave Fixtures with Nonlinear Least Squares (Short Papers)

D. Williams. "De-Embedding and Unterminating Microwave Fixtures with Nonlinear Least Squares (Short Papers)." 1990 Transactions on Microwave Theory and Techniques 38.6 (Jun. 1990 [T-MTT]): 787-791.

This paper investigates a general method of characterizing microwave test fixtures for the purpose of determining the S parameters of devices embedded in the fixture. The accuracy of the technique was studied and compared with that of the common open-short-load and thru-reflect-line methods. Increased accuracy was obtained using redundant measurements.

[Return to main document.](#)