

Abstracts

Bounds on Output VSWR of a Passive Reciprocal Two-Port from Forward Measurements (Correspondence)

A. Uhlir, Jr.. "Bounds on Output VSWR of a Passive Reciprocal Two-Port from Forward Measurements (Correspondence)." 1970 *Transactions on Microwave Theory and Techniques* 18.9 (Sep. 1970 [T-MTT]): 662-663.

An inequality $|S_{22}| \leq 1 - (|S_{21}|^2 / |(1 + |S_{11}|)|)$ is derived to simplify automatic testing of passive, reciprocal microwave two-ports.

[Return to main document.](#)