

# Abstracts

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

---

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

[!\[\]\(c3d993ca47bfe2a953c700506ce31fa0\_img.jpg\) Return to main document.](#)

Click on title for a complete paper.