

# Abstracts

## Errors in $S_{11}$ Measurements Due to Residual SWR of the Measuring Equipment

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*R. Garver, D. Bergfried, S. Raff and B. Weinschel. "Errors in  $S_{11}$  Measurements Due to Residual SWR of the Measuring Equipment." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 38-39.*

Errors in measurement of  $S_{11}$  due to residual SWR of the slotted line or directional Coupler are calculated using admittance considerations. This more complete treatment produces, for some practical conditions, major differences from prior references for phase errors.

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