

# Abstracts

## An Analytical Expression for the Limits of Error in the Measurement of Reflection-Coefficient Phase (Short Papers)

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*T.Y. Otoshi. "An Analytical Expression for the Limits of Error in the Measurement of Reflection-Coefficient Phase (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.3 (Mar. 1973 [T-MTT]): 151-154.*

An exact analytical expression for calculating the limits of phase error that can occur when the reflection coefficient of a load is measured through a lossless two-port network is presented. An empirical expression previously reported by Garver et al. agrees well with the exact expression, except when the reflection coefficients of the lossless two-port and the load are nearly the same in magnitude.

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