

Abstracts

A Microwave Phase Bridge Technique for Measuring the Mutual Coupling of Identical Coupled Antennas (Correspondence)

R.J. Mailloux and F.J. LaRussa. "A Microwave Phase Bridge Technique for Measuring the Mutual Coupling of Identical Coupled Antennas (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 19.2 (Feb. 1968 [T-MTT]): 129-130.

A waveguide phase bridge technique is developed for measuring the phase of the coupled signal between two loosely coupled antennas. This measurement, combined with the measurement of the coupled signal amplitude, provides a simple and direct method of measuring antenna mutual coupling parameters.

 [Return to main document.](#)