

Abstracts

Measurement of Simple Resonant Equivalent Circuits for Microstrip Antennas (Short Papers)

S.J. Weiss and W.K. Kahn. "Measurement of Simple Resonant Equivalent Circuits for Microstrip Antennas (Short Papers)." 1996 *Transactions on Microwave Theory and Techniques* 44.8 (Aug. 1996 [T-MTT]): 1513-1516.

This paper presents a procedure which can be used to model the input admittance of a probe-fed microstrip antenna using simple circuit components. The values of the components are extracted from experimental data and represent the antenna about any resonant mode. A good circuit description of the antenna can greatly facilitate system analysis.

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