

Abstracts

Waveguide Interferometer for Measuring Electric Susceptibility in Gases (Short Papers)

G.P. Srivastava, P.G. Mathur and A. Kumar. "Waveguide Interferometer for Measuring Electric Susceptibility in Gases (Short Papers)." 1976 Transactions on Microwave Theory and Techniques 24.1 (Jan. 1976 [T-MTT]): 56-57.

A simple, quick, and accurate method employing a magic-T interferometer for the measurement of electric susceptibility in gases is presented in this short paper. The electric susceptibility of five substances in a gaseous state has been measured satisfactorily as a function of pressure at room temperature with the help of this setup.

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