

Abstracts

End Plate Modification of X-Band TE/sub O11/, Cavity Resonators (Correspondence)

M.C. Thompson, Jr., F.E. Freethey and D.M. Waters. "End Plate Modification of X-Band TE/sub O11/, Cavity Resonators (Correspondence)." 1959 Transactions on Microwave Theory and Techniques 7.3 (Jul. 1959 [T-MTT]): 388-389.

In the application of microwave refractometers, the sampling cavity consists of a right circular cylinder whose parallel faces are partially opened to permit air flow. The ambient air is aspirated through the cavity, and the instrument measures a weighted average of the index of the air contained at any time within the cavity.

 [Return to main document.](#)