

Abstracts

A Computer-Controlled Dielectric Constant Measurement System: The Moving Vane Dielectrometer

G.E. Everett and J.W. Battles. "A Computer-Controlled Dielectric Constant Measurement System: The Moving Vane Dielectrometer." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 325-327.

A computer-controlled dielectric constant and data analysis system has been developed. Motion of a metallic vane in an inhomogeneously dielectric-filled rectangular wave guide system provides reflection coefficient versus effective sample length from which the dielectric constant is determined.

 [Return to main document.](#)