

# Abstracts

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

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*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.

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