

Abstracts

Microwave Characterization of Liquid Films

R.P. Roy, J. Ku, I. Kaufman and S.P. Kalra. "Microwave Characterization of Liquid Films." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 185-187.

A simple microwave technique is described that measures the instantaneous local thickness of a film of liquid flowing down the inner wall of a tube while at the same time a current of gas flows in the opposite direction. Such a measurement technique is significant because of the extensive occurrence of such liquid/gas flows in chemical process and energy industries.

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