

Abstracts

A System for Performing Ultra High Resolution Backscatter Measurements of Splashes

J.P. Hansen. "A System for Performing Ultra High Resolution Backscatter Measurements of Splashes." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 633-636.

A novel laboratory measurement system is described. The apparatus combines ultra high resolution radar techniques and split screen video photography in order to capture the microwave scattering effects of small scale transient features. One example presented is a time history of the backscatter at 9.0 GHz caused by the splash of a water drop on a water surface.

 [Return to main document.](#)