

Abstracts

Microwave Scattering from the Ocean Surface (Short Papers)

W.L. Jones, W.L. Grantham, L.C. Schroeder, J.W. Johnson, C.T. Swift and J.L. Mitchell.

"Microwave Scattering from the Ocean Surface (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.12 (Dec. 1975 [T-MTT] (1975 Symposium Issue)): 1053-1058.

This paper reviews current aircraft and satellite programs which use microwaves to measure ocean wave and surface wind conditions. These particular measurements have been identified by the user community as offering significant economic and technological benefits. Active microwave remote sensing techniques for these applications have been described theoretically and verified experimentally. The results of recent aircraft and satellite experimental programs are presented herein along with plans for the SeaSat-A satellite scatterometer (SASS).

[Return to main document.](#)

Click on title for a complete paper.