

Abstracts

Monolithic Integrated Circuit Imaging Radiometers

S. Weinreb. "Monolithic Integrated Circuit Imaging Radiometers." 1991 MTT-S International Microwave Symposium Digest 91.1 (1991 Vol. I [MWSYM]): 405-408.

The application of arrays of integrated circuit receiver to imaging of microwave and millimeter wave radiation is presented. Overall system concepts and both focal-plane and aperture-plane types of systems are discussed. Several functional block diagrams of the sensors are suggested and some examples of state-of-the-art units are presented.

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