

Abstracts

Millimeter-Wave Imaging Sensor (1986 [MWSYM])

W.J. Wilson, R.J. Howard, A.C. Ibbott, G.S. Parks and W.B. Ricketts. "Millimeter-Wave Imaging Sensor (1986 [MWSYM])." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 311-313.

A scanning 3-mm radiometer system has been built and used on a helicopter to produce moderate resolution (0.5°) images of the ground. This mm-wave sensor can be used for a variety of remote sensing applications, and produces images through clouds, smoke, and dust when visual and IR sensors are not usable. The system is described, and imaging results are presented.

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