

# Abstracts

## Near Earth Millimeter Wave Radar and Radiometry

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K.A. Richer. "Near Earth Millimeter Wave Radar and Radiometry." 1969 G-MTT International Microwave Symposium Digest of Technical Papers 69.1 (1969 [MWSYM]): 470-474.

The Army is interested in detection systems operating on the earth or at relatively low altitudes. Hopefully, these systems will detect targets, identify them, and guide missiles to the targets. Since grazing angles of 0.1 to 1 degree are involved, multipath signal distortion occurs. The multipath signal causes antenna pattern distortion and inaccurate pointing.

[Return to main document.](#)