

# Abstracts

## A Low Cost K-Band Safety Warning Radar Receiver System

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*M.C. Tsai, C. Autio, M. Batten, M. Gagne, T. Kvenvold, C. Papadopoulos, B. Ricker, S. Sarkar and A. Perlowski. "A Low Cost K-Band Safety Warning Radar Receiver System." 1996 MTT-S International Microwave Symposium Digest 96.1 (1996 Vol. I [MWSYM]): 329-332.*

A low cost K-band safety warning radar receiver system has been developed to receive highway hazard-warning messages transmitted from a newly developed Safety Warning System. This paper describes a radar detection scheme, which includes down converter, FM detector, microprocessor, and analog control circuits, intended for the K-Band transmitter.

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