

Abstracts

High Dynamic Range Airborne Tracking and Fire Control Radar Subsystems

A.M. Madni, P.T. McDonald, R.K. Hansen and L.A. Wan. "High Dynamic Range Airborne Tracking and Fire Control Radar Subsystems." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. I [MWSYM]): 439-442.

Two high dynamic range receiver sub-systems for use in airborne radar fire control and tracking applications are described. A high performance X-band monopulse tracking receiver and a doppler fire control receiver are presented with performance data and design considerations to achieve high dynamic range.

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