

Abstracts

Electronically Steered, Receive Monopulse, Active Phased Array at 94 GHz

J. Sowers, N. Byer, B. Edward, D. McPherson, S. Weinreb and F. Rucky. "Electronically Steered, Receive Monopulse, Active Phased Array at 94 GHz." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1581-1584.

The first 94 GHz receive active phased array providing electronically scannable monopulse patterns in two orthogonal planes has been fabricated and tested. State of the art performance has been achieved. Beamwidths of 2.3 degrees and peak to null ratios of 20 dB have been recorded.

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