

Abstracts

Single-Chip FM-CW Radar Low-Cost Production Test

L.D. Reynolds and M.S. Wang. "Single-Chip FM-CW Radar Low-Cost Production Test." 1991 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 91.1 (1991 [MCS]): 7-10.

In order to realize the low product cost potential of a single-chip FM-CW radar MMIC, an innovative production testing concept is developed in which the complete transmit/receive transfer function is verified in under one minute using the self-generated microwave signal in a simulated radar range environment. The test acceptance criteria are related to fundamental radar module specifications.

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