

Abstracts

Active Electronically Scanned Arrays

E.D. Cohen. "Active Electronically Scanned Arrays." 1994 MTT-S International Microwave Symposium Digest 94.3 (1994 Vol. III [MWSYM]): 1323-1326.

Active electronically scanned arrays (AESAs) offer significant operational and reliability advantages compared to other types of radar systems. However, their use for either military or commercial applications has been limited. The primary reason for this is the high cost of the array components. This paper discusses the present status of technology for scanned arrays and provides a suggested approach for developing the technologies and infrastructure necessary to produce the arrays of the future at an affordable cost.

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