

Abstracts

Selection of Phased Array Configuration

D.T. Thomas. "Selection of Phased Array Configuration." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 9-11.

A major decision in the design of phased array antennas is the selection of array configuration. Once the coverage sector, net antenna gain, effective radiated power (ERP) and other system requirements are established, the effects of (1) subdividing the coverage sector, i.e., using multiple antennas and (2) choosing linear versus sector arc arrays can be determined.

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