

Abstracts

A Circularly Polarized Active Antenna Array Using Miniature GaAs FET Amplifiers

H.C. Johnson, R.E. Marx, A. Sanchez and E. Mykietyn. "A Circularly Polarized Active Antenna Array Using Miniature GaAs FET Amplifiers." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 260-262.

An active antenna sub-array that includes a miniature two-stage batch processable amplifier driving clusters of circularly polarized patch resonator antenna elements is described. The resulting lightweight, low profile structure provides an efficient source of radiated microwave power that can become the building block for a high power solid state transmitter array.

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