

Abstracts

Small Active Phased Array Characteristics with GaAs IMPATT Amplifier Modules

S.E. Hamilton and G.J. Stern. "Small Active Phased Array Characteristics with GaAs IMPATT Amplifier Modules." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 428-430.

Application of pulsed GaAs IMPATT modules for phased array radiators is examined. Measured intrapulse phase and gain variations are presented. Module hardware and statistical pattern effects for a small-diameter phased array are discussed.

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