

Abstracts

Ku-Band IMPATT Amplifiers and Power Combiners

J.P. Quine, J.G. McMullen and D.D. Khandelwal. "Ku-Band IMPATT Amplifiers and Power Combiners." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 346-348.

The feasibility of combining high-power, high-efficiency Ku-band IMPATT amplifiers in broadband hybrid-type combiners and the systematic design of the individual amplifiers are discussed. Experimental data are presented on uniformity of output power and phase tracking of the individual amplifiers and on overall combiner performance.

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