

Abstracts

Active Solid State Microwave Device Performance

B.E. Berson. "Active Solid State Microwave Device Performance." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 68-69.

There is now a wide variety of solid state devices available for use as oscillators and/or amplifiers in microwave systems. Figure 1 illustrates this variety. The choice for a specific application is based on a number of performance factors, some of which are listed in Table I. In this paper we shall explore relative device performance with the objective of providing the potential user with a basis for choosing the best device for his application.

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