

Abstracts

Eleven Octave MMIC Based Stimulus Module for Lightweight Systems

D.P. Glynn, III, T.O. Perkins and III. "Eleven Octave MMIC Based Stimulus Module for Lightweight Systems." 1991 MTT-S International Microwave Symposium Digest 91.1 (1991 Vol. I [MWSYM]): 205-208.

A compact RF and microwave stimulus module for broadband applications has been developed. The module covers a frequency bandwidth of 1800:1, slightly less than 11 octaves. The unit exhibits excellent rejection of unwanted signals, while providing leveled power output, automatic gain control, amplitude and square-wave modulation, and self-test features. This lightweight integrated multi-function package is efficient, reliable, and reproducible.

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