

Abstracts

Generation of Confined Spectrum Pulses Using an Absorption PIN Diode Modulator (1971 [MWSYM])

T.A. Saponas. "Generation of Confined Spectrum Pulses Using an Absorption PIN Diode Modulator (1971 [MWSYM])." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 136-138.

The PIN diode modulator provides a simple and accurate technique of generating pulses of confined spectrum. From measured amplitude and phase data on a commercially available modulator, the necessary bias input function to give a pseudogaussian pulse was computed, and the resultant spectrum was measured and compared to computed spectrum.

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