

Abstracts

A New Microwave Amplitude Limiter Using GaAs Field Effect Transistor

S. Fukuda, M. Kitamura, Y. Ara and I. Haga. "A New Microwave Amplitude Limiter Using GaAs Field Effect Transistor." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 240-242.

This paper describes a new microwave amplitude limiter with low AM-to-PM conversion using a class A GaAs FET amplifier. It has been experimentally established that this limiter is applicable for use with 200 Mbits/sec 4-phase PSK signals or 2700-channel FDM-FM signals.

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