

Abstracts

400 Mb/s QPSK MIC Regenerator at Carrier Frequency Using GaAs MESFET

O. Kurita and S. Komaki. "400 Mb/s QPSK MIC Regenerator at Carrier Frequency Using GaAs MESFET." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 326-328.

A novel MIC (microwave integrated circuit) GaAs MESFET (metal-semiconductor field effect transistor) direct phase regenerator without detection is described. An experimental 400 Mb/s QPSK (quadri-phase shift keying) regenerator at 1.7 GHz carrier frequency, shows as good performance as conventional baseband regenerator.

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