

Abstracts

Microwave Integrated Tunnel-Diode Amplifiers for Broad-Band High-Performance Receivers (Feb. 1972 [T-MTT])

H.C. Okean and P.J. Meier. "Microwave Integrated Tunnel-Diode Amplifiers for Broad-Band High-Performance Receivers (Feb. 1972 [T-MTT])." 1972 Transactions on Microwave Theory and Techniques 20.2 (Feb. 1972 [T-MTT]): 165-172.

The design and development of microwave integrated-circuit (MIC) tunnel-diode amplifiers for use in integrated broad-band high-performance receivers is described. In particular, this paper describes the design, construction, and performance of thin-film microstrip tunnel-diode amplifiers operating in the 8-to 12- and 6-to 8-GHz bands, respectively, with noise figures in the 5-to 7-dB range.

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