

# Abstracts

## 2--20-GHz GaAs Traveling-Wave Power Amplifier (Mar. 1984 [T-MTT])

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*Y. Ayasli, L.D. Reynolds, R.L. Mozzi and L.K. Hanes. "2--20-GHz GaAs Traveling-Wave Power Amplifier (Mar. 1984 [T-MTT])." 1984 Transactions on Microwave Theory and Techniques 32.3 (Mar. 1984 [T-MTT] (Special Issue on Power and Low-Noise GaAs FET Circuits and Applications)): 290-295.*

Power amplification in FET traveling-wave amplifiers is examined, and the mechanisms which limit power capability of the amplifier are identified. Design considerations for power amplification are discussed. A novel single-stage and two-stage monolithic GaAs traveling-wave power amplifier with over 250-mW power output in the 2-20-GHz frequency range is described.

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