

# Solid-State Microwave High-Power Amplifiers



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Power amplifiers are one of the most important components in microwave

communication and radar systems. This practical resource offers engineers expert guidance on the critical aspects of microwave power amplifier design. This comprehensive book provides descriptions of all the major active devices, discusses large signal characterization, explains all the key circuit design procedures. Moreover, the book offers keen insight on the link between design parameters and technological implementation, helping professionals achieve optimal solutions with the most efficient utilization of available technologies. The book covers a broad range of essential topics, from requirements for high-power amplifiers, device models, phase noise and power combiners...to high-efficiency amplifiers, linear amplifier design, bias circuits, and thermal design.

作者介绍:

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