

RF POWER AMPLIFIERS

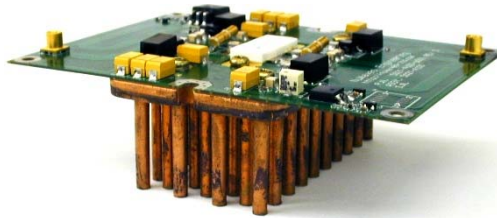
INNOVATIVE AND STATE-OF-THE-ART DESIGN TECHNIQUES



RF & Wireless Engineering

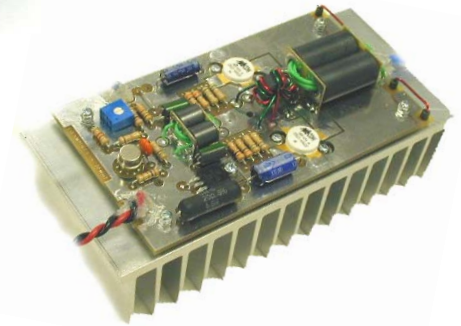
FEATURES

- HF, VHF, UHF, L-Band, and S-Band Power Amplifier Design
- Custom Development for Applications Specific Requirements
- Bi-Directional Designs
- 1 to 200 Watts
- Burst Mode Transmitters
- Modulation Waveform Specific
- Highly Linear
- High Efficiency
- Broadband Techniques
- Gain Control
- VSWR Detectors
- Model Creation and Simulation
- Small Size
- Integrated Harmonic Filtering

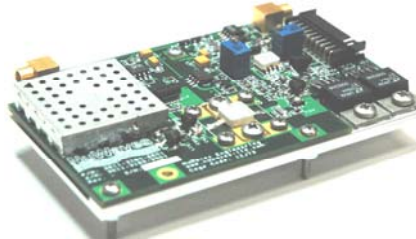


High Power Amplifier for Commercial Cell Communications

Research and Development of Novel and Innovative Design Techniques



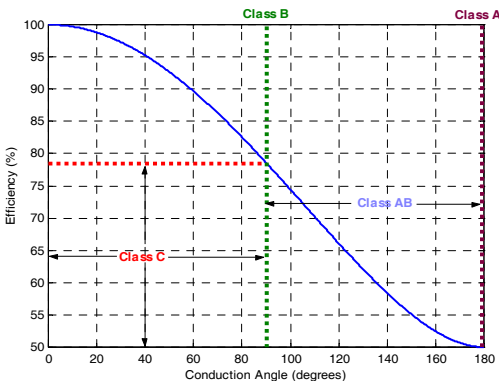
Bi-Directional Power Amplifiers for TDMA Networks



ADVANCED ENGINEERING DESIGN TEAM

The ever-increasing demands for more bandwidth, coupled with requirements for both high linearity and high efficiency create ever-increasing challenges in the design of power amplifiers. Despite recent progress in the development of new simulation tools, RF power amplifier design remains too much of an art for nearly everyone but the true specialist. Over 60 years of successful design experience by its top designers make NuWaves true experts in power amplifier design.

NuWaves is an RF Power House - a few of our capabilities include: communications modules, RF propagation analysis, high power T/R switch modules, synthesizers, receivers, transceivers, transmitters, modulators, IF chains, up-converters, down-converters, front ends, low noise amplifiers, research and development, spectral surveys, and high performance filters.



Detailed Simulation and Modeling of Power Amplifiers

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