

RF DESIGN SERVICES



RF & Wireless Engineering

CAPABILITIES OVERVIEW

- Complete RF Transceivers
- RF Frequency Multipliers
- Power Amplifier Design
- Low Power Receivers
- Up-converters/Down-converters
- RF Tuners
- Custom Synthesizers
- Modulator and Demodulator Design
- Low Noise Front End Amplifiers
- Bi-directional Amplifiers
- Local Oscillator Distribution
- Frequency Conversion
- Custom RF and Analog Filters
- RF Phase Control
- Transverters
- Frequency Sources
- RF Systems Integration
- Low Phase Noise Designs
- Communications Engineering
- Product Development
- Inter-Digital Filters
- Printed Circuit Board (PCB) Layout
- DoD Electronics
- Broadband Techniques
- Engineering Consulting Services
- Designs up to 8 GHz
- Specification Development
- Test Fixture Design
- Independent Third Party Evaluation
- Antenna Analysis
- Circuit Card Test and Manufacturing
- RF Propagation Analysis
- Obsolete Product Repair
- Product Reconfiguration
- Research and Development
- Link Simulation
- Temperature Testing
- Quick Reaction Shop
- Feasibility Studies and Surveys
- Assembly Prototyping
- Product Miniaturization

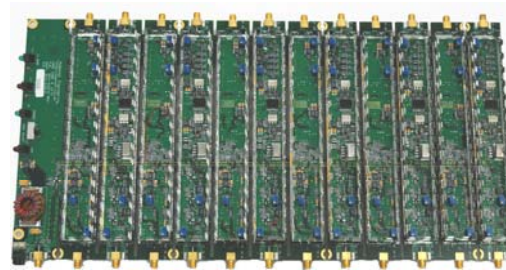
ADVANCED ENGINEERING – YOUR KEY TO RF SOLUTIONS



RF/IF Frequency Distribution



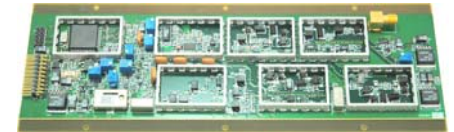
VHF/UHF RF Tuners/Receivers



Multiple Channel Up-Converters / Down-Converters



High Power RF Amplifiers



RF Data Transceivers

COMPANY DESCRIPTION

NuWaves is a premier supplier of RF Systems, Products, and Engineering Services designed to customer requirements. NuWaves is an RF power-house with the singular mission of delivering unsurpassed RF Engineering Design Services.

NuWaves provides state-of-the-art RF design services to commercial, industrial, and military customers. We are a turnkey provider for RF custom designs with full project management and design responsibilities; taking ownership from the conceptual idea to production.

NuWaves brings unique skill sets with expertise in a broad array of RF and wireless design applications. We have talented and experienced technical staff providing rapid design cycles and innovative solutions. NuWaves' employees are rare outstanding performers that show tremendous initiative, are highly motivated, and deliver on commitments. NuWaves uses years of experience and powerful analytical tools to design and simulate RF and wireless communication systems.

NuWaves Engineering • 122 Edison Dr. • Middletown, Ohio 45044
www.nuwaves-ltd.com • 513-360-0800