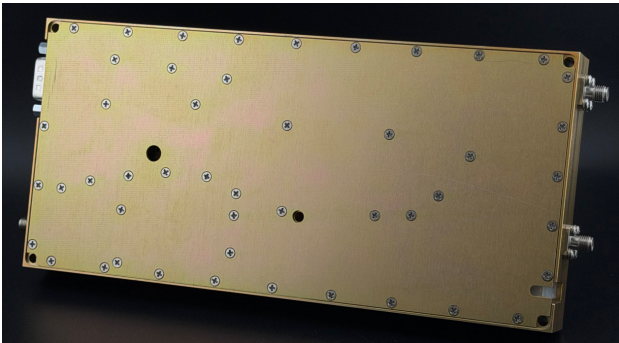


High-Performance Broadband RF Power Amplifiers

At UEC RF Microwave Broadband Wireless, we combine innovation, efficiency, and a strong customer focus to deliver high-performance broadband RF power amplifiers that stand out in demanding applications.

Our expertise lies in developing highly integrated, customized amplifier solutions tailored to meet the unique requirements of each program.



Work With Us For An Integrated Amplifier Solution

- Gain Control
- Coupler
- Linearizer
- Power Amplifier
- Detector
- Circulator

Why UEC RF Microwave

✓ Tailored Solutions

Every application is different. Our team works closely with customers to design amplifier solutions optimized for specific performance requirements.

✓ Highly Efficient GaN and GaAs Solutions

Our amplifiers are engineered for high levels of integration, enabling streamlined system implementation and improved operational efficiency.

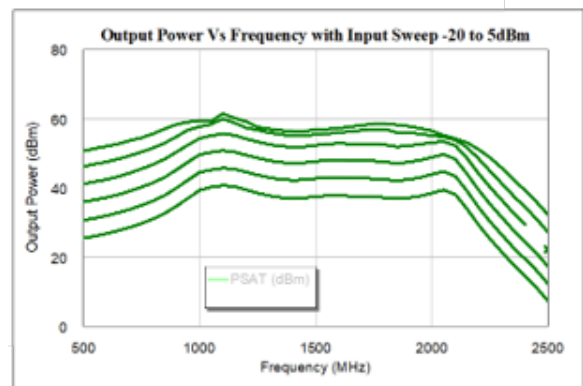
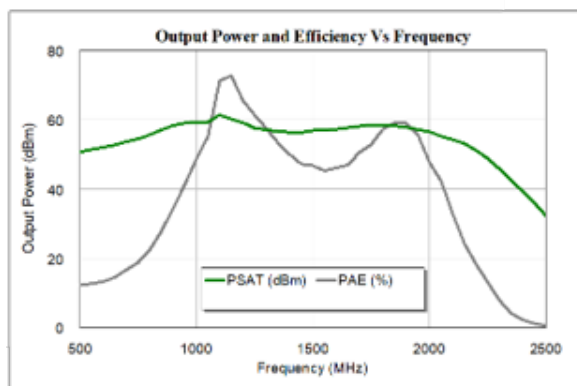
✓ RF Expertise

With deep experience in RF and microwave technologies, we deliver reliable, high-performance solutions using proven design approaches and advanced technologies.

✓ Customer-Focused Approach

We partner with our customers throughout the entire lifecycle—from concept and design through deployment—to ensure success at every stage.

Proven Performance Across Demanding RF Environments



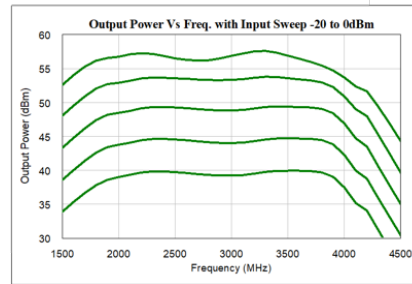
500W L Band Power Amplifier

Partner with UEC RF Microwave

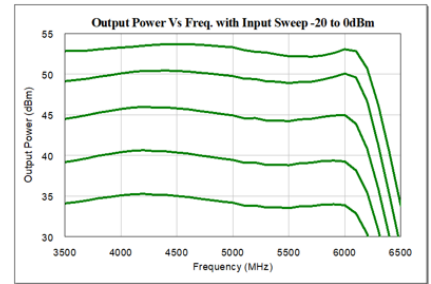
UEC RF Microwave Broadband Wireless delivers innovative, application-specific RF power amplifier solutions that help customers achieve superior performance in complex environments.

Engineered for Demanding RF Applications

- Radar system
- EW system
- Communications platform
- Test environment



400W S Band Power Amplifier

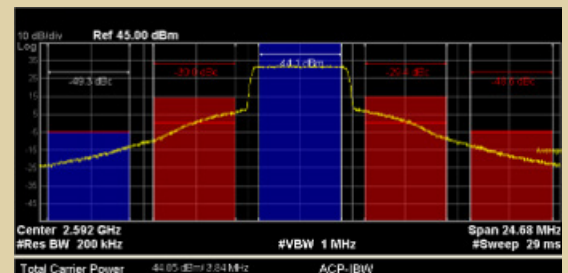


200W C Band Power Amplifier

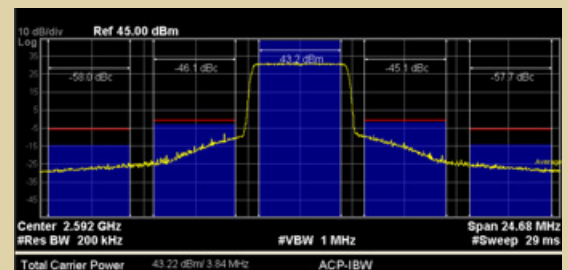
Digital Pre-Distortion Power Amplifiers

- Broadband Wireless Systems
- Communications
- Electronic Warfare (EW)
- Radar Systems
- Test & Measurement

- Frequency coverage (17 Hz – 6 GHz and higher)
- Efficiency curves
- Power density
- Environmental capability
- CW, Pulsed, Modulated Signals
- High-efficiency architectures
- Integrated RF solutions



DPD PA Uncorrected



DPD PA Corrected : 15 dB!

Why UEC RF Microwave

- ✓ Tailored Solutions.
- ✓ High Integration & Efficiency
- ✓ RF Expertise
- ✓ Customer-Focused Approach



Let's Build Your Next RF Solution



UEC-Corp.com

Custom RF Power. Engineered for Performance. Built for Your Application.