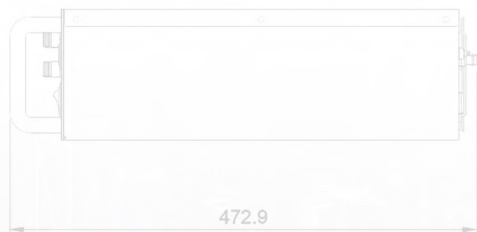


Front View



Back View



Side View



MEFFERT MICROWAVE TECHNOLOGY

Test equipment
RF components
for research, development
and production



E·REON

RF Technology and Amplifiers Development & Manufacturing

OUR COMPETENCIES

- RF components & systems
- Microwave technology
- Coaxial cables up to 110 GHz
- Test equipment & systems
- Antenna design & manufacturing
- Broadband & High Power Amplifiers for communication and research
- Design & realisation of of customised systems
- Technical Consulting

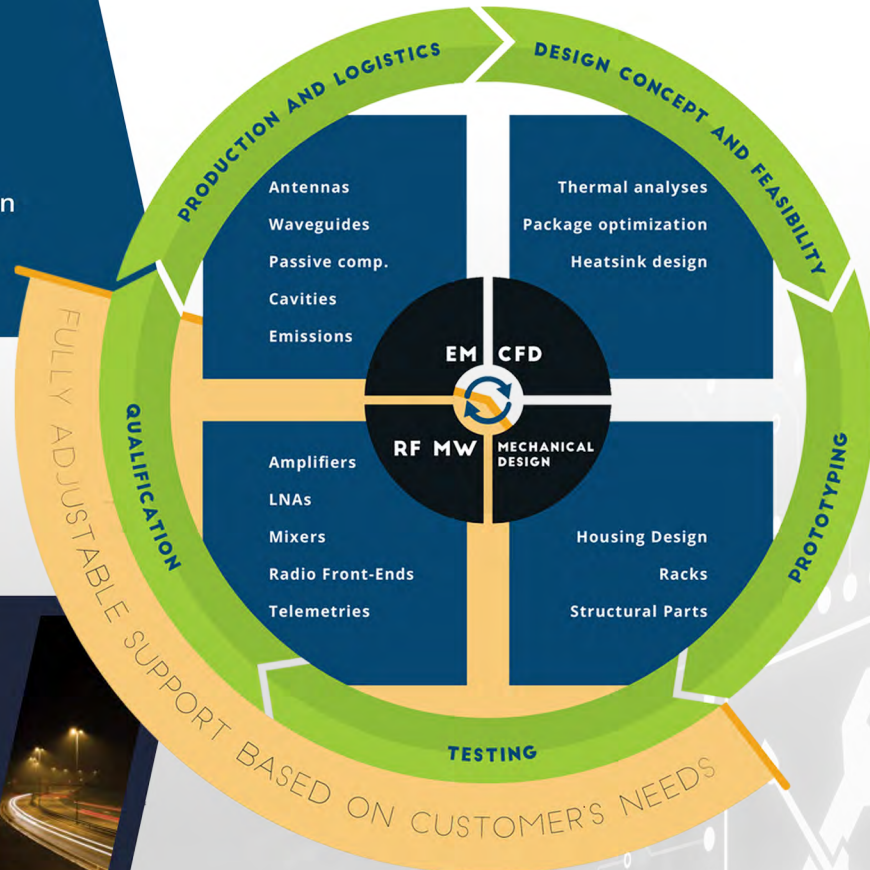
COMPONENTS

RF-AMPLIFIER

TEST EQUIPMENT

SERVICES

- Design Review
- Simulation and modeling
- Material Testing
- Qualification
- Component Testing
- Product testing / Validation
- Failure Analysis
- Education and training



SOLUTIONS

CAPABILITIES

- **Development** of RF and Microwave Components, Modules and Systems (Active and Passive)
- **Design Support Services**
ECAD, MCAD, System Design
- **Product Development Support Services**
ECAM, ECAE, MCAM, MCAE (In-House)
- **Analysis Services**
3D EM, Signal Integrity, Electrothermal Studies (Fatigue, Thermal Management, Heatsink Design, CFD Studies)
- **Manufacturing Services**
- **Logistics Services**
- **Qualification Services**
- **Project Management Services**

CORE INNOVATION IN HIGH POWER RF/MICROWAVE

E-REON is a world class RF/Microwave Solutions Company.

Our core business focuses in the design and development of High Power RF/Microwave hardware (Active and Passive) for Commercial, Industrial and A&D markets. Ranging from low power exciters to multiKW power amplifier systems for Industrial Heating and RF Energy applications, our product portfolio and services cover a wide spectrum of applications and Markets.

It is our Mission here at E-REON to always turn quality and innovation into Customer satisfaction.

COMPONENTS RF-AMPLIFIER TEST EQUIPMENT

Mission Statement and Capabilities

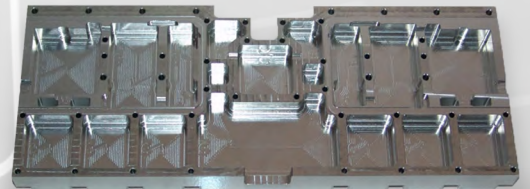
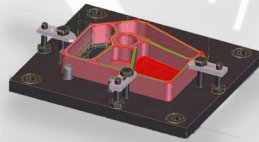
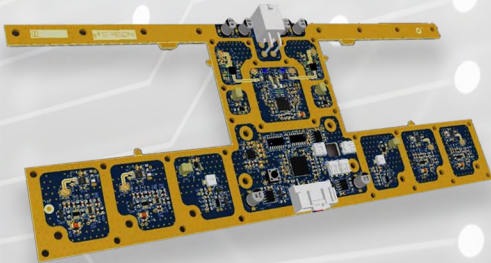
Development of Solid State, High Power RF Components and Devices for Industrial, Scientific and Military Applications

- Design Concept and Feasibility – Specification service
 - Prototyping and Qualification
 - Production and Logistics

Fully adjustable support based on Customer's needs!

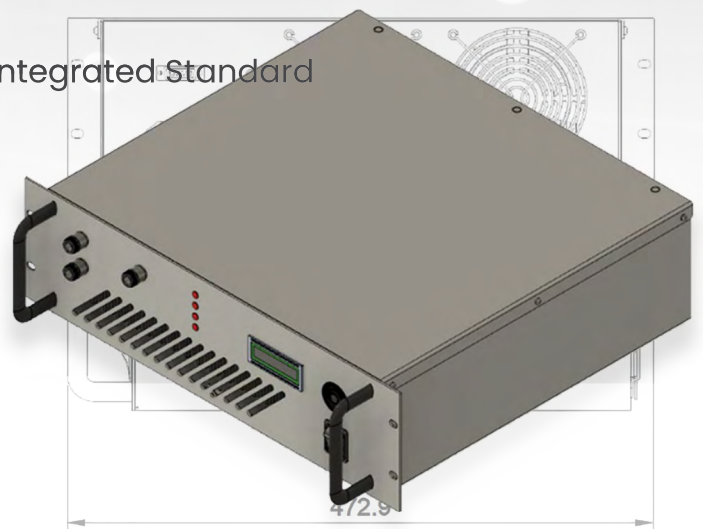
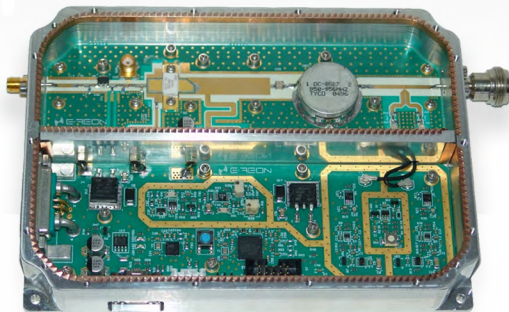
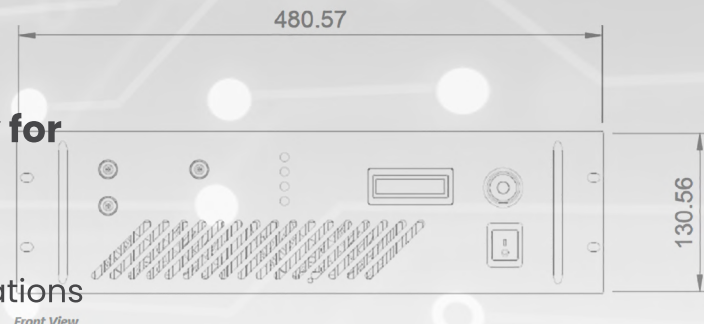
Production Capabilities

- Electronic Assembly – In House Soldering, Metal Back PCB's, 3D
- Machining – In House Production and Assembly of Prototypes
- Testing – Test & Measurement Equipment for high power RF Measurements



We specialize in RF Amplifier Technology for Industrial and Scientific Applications

- TWT Replacement Amplifiers
- Optimized for S-, C- and X-Band RADAR Applications
- From milliWatt to KiloWatt
- CW & Pulsed Applications in Class A or AB
- Modules and Rackmount Solutions – highly integrated Standard
- Customized Solutions and Systems



COMPONENTS

RF-AMPLIFIER

TEST EQUIPMENT



Our office set for you!

- A4 notepad
- Ball pen
- Coffee mug

Request free
of charge:

www.meffert-mt.de/set

...or simply scan
the QR code.

Have fun with it!

Scan for Set...



Your mmt-Team!

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Web. www.meffert-mt.de



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