

Empower RF Systems, Inc. Press Materials
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FOR IMMEDIATE RELEASE

1 to 3 GHz High Power Amplifier - Live Demo at MTT-S IMS 2015

Empower RF Systems is once again conducting live demonstrations of broadband, high power amplifiers with compelling performance, industry leading small size, and user interface / functionality that dares to challenge legacy products offered in the market. Next appearing at MTT-S IMS 2015 in Phoenix, AZ, we will be showcasing our 1 to 3 GHz, 1 kW HPA in a 5U chassis (17.5" x 8.75" x 22"). This is an extraordinary design which includes an integrated (internal) dual directional coupler and instrument grade power metering. This platform is the latest addition to the growing product family of next generation power amplifiers from Empower.



In addition to **industry leading size / weight / power performance**, the demonstration team will be exercising system software that enables user selection of specific operational modes and waveform power settings:

- ✓ Automatic Gain Control (AGC) with Peak Power detection
- ✓ Automatic Gain Control (AGC) with RMS Power detection
- ✓ Automatic Level Control (ALC) with Peak Power detection
- ✓ Automatic Level Control (ALC) with RMS Power detection
- ✓ Manual Gain Control (MGC)

- ✓ CW, AM, Constant Envelope, Gated Pulse, Modulated Pulse, Digital, Multi-carrier

This array of operational and power detection modes provides maximum flexibility for the end user in the deployment of these power amplifiers. The fact that we will be controlling these amplifiers through a wireless connection and highlighting diagnostics and remote control features through an iPad is equally impressive and, we believe, also industry leading.

If you will be attending MTT-S IMS 2015, we invite you to come see us at **Booth 3226**. We would be pleased to spend time with you discussing these next generation platforms, talking about our Company, and comparing notes on your application. If you are not able to join us at the show, please allow us to schedule a visit for you to our HQ facilities (10 minutes from LAX) or make arrangements for a "virtual tour" via web meeting to show you these products in operation.

Empower RF Systems is a leader in power amplifier solutions for defense, commercial, and industrial applications. Our products incorporate the latest semiconductor and power combining technologies and originate from an extensive library of "building block" designs. Solutions range from basic PA modules to multifunction PA assemblies with embedded, microprocessor controllers.

Visit Empower RF website:

<http://www.EmpowerRF.com>



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