



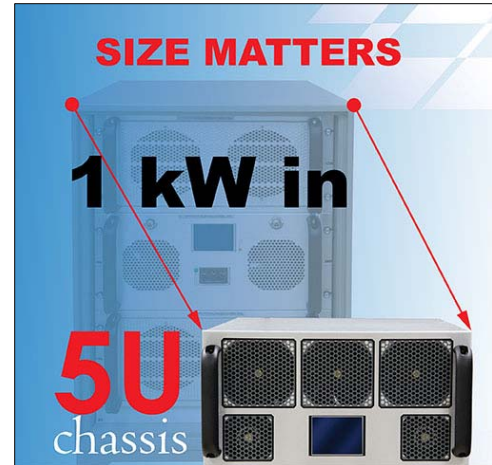
Empower RF Systems, Inc. Press Materials
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FOR IMMEDIATE RELEASE

Empower's live demo of 20 to 1000 MHz, 1 kW PA highlights unrivaled size and power advantages

Continuing to build momentum and recognition for their "Size Matters" HPA platforms, Empower RF Systems is hosting live demonstrations of their 1 kW, 20 to 1000 MHz, 5U chassis design (model 2162) at IMS 2013, Booth 1827.

Packaged in a 5U, air cooled chassis and delivering over 1 kW of output power, three specific models are released (in the frequency ranges of 20 to 500 MHz, 500 to 1000 MHz, and 20 to 1000 MHz), and more on the way based on an amplifier architecture that offers unrivaled size / power advantages. Specs are guaranteed across full bandwidth and over temperature. Embedded controls and user access that are standard with Empower next generation designs ensure that there is no mystery about system performance, end use conditions, or operational status.



Comparisons are startling - consider the possibilities, as much as 75% smaller, 1 kW PA

IMS 2013, where the "Size Matters" PA demonstration is being conducted, lends itself well to validating the exceptional performance of these broadband, 1 kW power amplifiers. Guaranteed 1 kW RF performance over full bandwidth in these frequency ranges, which can be packaged in a 5U housing, is simply not available anywhere else in the market. Much larger rack sizes with power levels that are not sustained across an entire bandwidth and/or temperature range are what's commonly available. Consider the possibilities for your application with a 1 kW PA that is as much as 75% smaller than what's available in the market. In addition to this, the user interface capabilities of this amplifier that are standard with Empower next generation designs allow the user to initiate remote management and diagnostics via an embedded web server, enabling network managed site status and control simply by connecting the unit's Ethernet port to a LAN or accessing the unit's IP address via a wireless device. For machine to machine interface (M2M), Empower offers TCP/IP or UDP protocol sockets accessed through the Ethernet port.

Empower RF Systems is a leader in power amplifier solutions targeted at four key markets - communications, test & measurement, electronic attack, and radar. 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.

Download datasheets:

<http://www.EmpowerRF.com/pdfs/2162.pdf>

<http://www.EmpowerRF.com/pdfs/2126.pdf>

<http://www.EmpowerRF.com/pdfs/2066.pdf>

Visit Empower RF website:

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CONTACT

Corporate Offices:

sales@empowerrf.com

<http://www.EmpowerRF.com>

Empower RF Systems, Inc.

316 W. Florence Avenue

Inglewood, CA 90301

P: +1 (310) 412-8100

F: +1 (310) 412-9232