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**FOR IMMEDIATE RELEASE**

**Size Matters – Consider the possibilities**

**Unique solutions supported by Empower HPAs**

Leveraging next generation hardware and software innovations that are part of Empower’s “size matters” architecture, several unique configurations of these HPAs are being shipped to key customers. This particular set of high power HPAs build on the size, weight and power advantages already demonstrated with commercial product releases in the broad market, “size matters” product family.

This recent and unique SATCOM solution delivers 2 kW P1dB (CW, digital modulated signal) in L-Band and a companion product delivers 800W P1dB (CW, digital modulated signal) in S-Band. The 2 kW L-Band HPA is a GaN based design and housed in an amazingly small 5U chassis. The Amplifier Control and Power Supply unit is based separately in a 3U chassis. The 800W S-Band unit is also a GaN based design and self-contained (with power supply) in a 5U chassis.

When tactically deployed, these units are protected from the elements by outdoor enclosures that include environment sensing and control. The modular design and self contained, transportable enclosures are integral to both the amplifier and end user’s systems design.

**2 kW L-Band HPA**



**800W S-Band HPA**



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

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