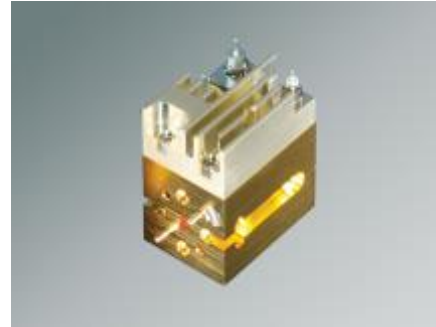


News release

GaN Power Amplifiers Deliver 2.5 W of Power at E-band And W-Band At 20% PAE

November 29, 2016— Northampton, MA — Millitech, a microwave brand of Smiths Interconnect, has announced the release of a new Gallium Nitride (GaN) based power amplifiers with exceptional output power and power-added efficiency (PAE) at E-Band and W-Band. Offering up to 2.5 Watts of output power and up to 20% PAE, typical gain figures range from 15 to 40 dB. Single device models are available with nearly 1W of output power, or 2-way and 4-way solid state power amplifiers (SSPAs) with up to 2.5 Watts of saturated output power are available. Higher power outputs are also available.



Additionally, each amplifier in the series come standard with internal voltage regulation, bias-sequencing circuitry, and reverse voltage protection.

These E-band and W-band GaN PAs can be used in applications ranging from e-band radio, remote sensing, as high power millimeter-wave sources, and are high enough quality for test and measurement applications. The high output power in E-band and W-band PAs eliminates the need for comparatively large and expensive combiners and waveguide interconnect necessary for less powerful amplifiers. For additional details visit www.millitech.com

About Millitech

Millitech, Inc. specializes in the design, engineering and manufacturing of millimeter-wave components, assemblies, subsystems and fully integrated systems for applications in satellite communications, radiometry, radar and remote sensing. For over 30 years our engineering, manufacturing and sales staffs have been dedicated to providing the most technically advanced millimeter-wave products and services available, enabling our customers to translate their ideas and needs into cost-effective solutions.

About Smiths Microwave

Smiths Microwave, www.smithsmicrowave.com is a leading provider of components, sub-assemblies, antennas and system solutions, primarily for defense, aerospace, and telecom applications, that test, filter, protect, and process high-frequency signals for wireless communication networks. As a family of brands, Kaelus, RadioWaves, TECOM, TRAK, Transtector, PolyPhaser, LORCH, TRAK Limited, Millitech, EMC Technology, and Florida RF Labs provide exacting solutions for antenna systems for the military and commercial aerospace, transceivers, frequency sources, timing systems, component applications and a wide range of innovative RF, Microwave and surge protection solutions for the wireless telecommunications sector.

Alongside Smiths Connectors and Smiths Power, Smiths Microwave is part of the Smiths Interconnect division of Smiths Group, www.smiths.com, a global leader in applying advanced technologies for markets in threat and contraband detection, energy, medical devices, communications and engineered components. Smiths Group employs more than 23,500 people in over 50 countries.

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