

FOR IMMEDIATE RELEASE

***NUWAVES ENGINEERING INTRODUCES IMPROVED FLAGSHIP
10 WATT L- & S-BAND RF POWER AMPLIFIER MODULE***

Middletown, Ohio, September 28, 2015 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announced the release of an upgraded broadband RF power amplifier (PA) for L- and S-band transmitters and data radios, the NuPower™ 12B01A model, featuring improved power efficiency and operational temperature performance and a wider supply voltage range.

The NuPower 12B01A model, part number NW-PA-12B01A, which replaces the NuPower L- & S-Band Power Amplifier model, part number NW-SSPA-10W-1.0-2.5, delivers a minimum of 10 Watts, and typically 13 Watts, of RF power from 1000 to 2500 MHz when sourced with a 0 dBm (1 milliwatt) RF input signal. Featuring improved power efficiency in the 30% to 50% range, and 40 dB of RF gain, the NuPower 12B01A provides high-efficiency RF amplification for a variety of transmitters, transceivers and data links that do not require linear performance. The PA's upgraded rugged aluminum chassis, at 3.00" x 2.00" x 0.65" in size, provides an additional 25 degrees Celsius (C) of operational headroom with its new +85 degrees C maximum baseplate temperature rating. Further, the unit features a new broader supply voltage range of +11 to +32 VDC, supporting an array of RF communications, telemetry and electronic warfare applications, including systems running on battery power.

An alternative product configuration, part number NW-PA-12B01A-D30, is available with reduced gain that accepts a +30 dBm (1 Watt) RF input signal from the transmitter, supporting a common RF output level of industry data links, such as L-3 Communications' Bandit. Both standard and alternative product configurations are immediately available for shipment.

“Our flagship broadband power amplifier module has been improved in several key areas as a direct result of feedback received from our customers over the past few years,” said Jeff Wells, President and CEO of NuWaves Engineering. “This new release has already proven successful, as evidenced by contracts we’ve recently received from two of the U.S. military’s prime ‘Group 3’ unmanned aircraft systems (UAS) contractors for payload communications range extension.”

NuWaves Engineering is a premier supplier of RF and Microwave solutions for Department of Defense (DoD), government and industrial customers. An RF engineering powerhouse, NuWaves offers a broad range of design and engineering services related to the development and sustainment of key communications, telemetry and electronic warfare systems, as well as a complete line of commercially available RF products. NuWaves' products include wideband frequency converters, high-efficiency and miniature solid-state power amplifiers and bidirectional amplifiers, high intercept low noise amplifiers and miniature RF filters. NuWaves Engineering...Trusted RF Solutions™.

Contact Ryan Canning, Director of Business Development, at (513) 360-0800, or visit www.nuwaves.com for more information.

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