

FOR IMMEDIATE RELEASE

***NUWAVES ENGINEERING INTRODUCES 30 WATT S-BAND RADIO FREQUENCY
POWER AMPLIFIER MODULE FOR COMMUNICATIONS, TELEMETRY AND
ELECTRONIC WARFARE MARKETS***

Middletown, Ohio, October 29, 2015 – NuWaves Engineering, a veteran-owned small business delivering advanced radio frequency (RF) and microwave solutions, today introduced the NuPower 05E05A, a compact and highly efficient solid-state power amplifier (PA) module for S-band transmitters and data links.

Providing 30 Watts on average, and 20 Watts minimum, RF output power, the NuPower 05E05A operates from 2000 to 2600 MHz for continuous wave (CW) and near-constant-envelope waveforms. The connectorized PA module accepts a nominal 0 dBm (1 milliwatt) input signal and provides 44 dB of RF gain while operating at 40% DC power efficiency with a +28 VDC supply voltage.

With a 4.50” x 3.50” x 0.61” aluminum chassis that weighs only 9 ounces, the NuPower 05E05A is small and lightweight, ideal for communications, telemetry and electronic warfare systems in air- and ground-based tactical, test and training platforms. An optional fan-cooled heat sink assembly is also available to provide cooling to the module.

“The NuPower 05E05A expands our PA module product line by offering greater RF output power levels with market-leading size, weight and power (SWaP) characteristics,” said Jeff Wells, President and CEO of NuWaves Engineering. “Given this PA module’s efficiency, our customers can achieve far greater link distance without draining their system power budgets.”

The NuPower 05E05A model is in stock and available for immediate delivery to customers.

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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