

FOR IMMEDIATE RELEASE

***NUWAVES ENGINEERING INTRODUCES 35 WATT L-BAND RADIO FREQUENCY
POWER AMPLIFIER MODULE FOR COMMUNICATIONS, TELEMETRY AND
ELECTRONIC WARFARE MARKETS***

Middletown, Ohio, December 2, 2014 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, introduced today the next generation of its NuPower(TM) small, lightweight and high-efficiency power amplifier (PA) family of products with the NuPower 13G05A.

The NuPower 13G05A provides saturated RF power of at least 35 Watts from 800 to 2000 MHz with greater than 40% module efficiency across the frequency band. With a nominal input drive level of 0 dBm, the NuPower 13G05A offers an impressive 45 dB of RF gain. Further, the PA's aluminum chassis features improved heat dissipation characteristics for higher-temperature operation, and at a compact size of 4.50" x 3.50" x 0.61", it is small enough for integration into a wide variety of air- or ground-based tactical, test or training platforms. With an impressive size, weight and power (SWaP) profile, the NuPower 13G05A can be used with communications and telemetry systems to provide range extension or with electronic warfare systems for airborne electronic attack (AEA) at low altitudes, including unmanned aircraft systems (UAS).

"The NuPower 13G05A signals an important evolution of our RF power amplifier product line," said Jeff Wells, President and CEO of NuWaves Engineering. "We're applying advancements in miniaturization and heat dissipation to achieve higher power levels in order to meet the needs of a broader market and, ultimately, enhance the capabilities of our Warfighters."

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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