
**NUWAVES ENGINEERING INTRODUCES A 20 WATT C-BAND RADIO FREQUENCY
POWER AMPLIFIER MODULE FOR CONSTANT-ENVELOPE AND COMPLEX
WAVEFORMS**

Middletown, Ohio, October 18, 2016 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announced the upcoming release of the latest offering in the NuPower™ small, lightweight and high-efficiency power amplifier (PA) family of products, with availability in Q1 2017 – the NuPower™ 06D05A C-band PA.

The NuPower™ 06D05A provides saturated RF power of 20 Watts in C-band (frequency coverage from 4.4 GHz to 4.9 GHz), with module efficiencies of up to 30%. For complex waveforms that require a linear PA, the 06D05A has an error vector magnitude (EVM) of 4% at 2 Watts of output power. With a nominal input drive level of 0 dBm, the NuPower™ 06D05A offers an impressive 40 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™ 06D05A 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).

“As an add-on to an existing communications system, the NuPower™ 06D05A offers the systems integrator the ability to achieve greater communication range.” said Jeff Wells, President and CEO of NuWaves Engineering. “NuWaves Engineering takes pride in offering first-rate communications solutions to the Warfighter. Our power amplifiers enable greater standoff distances for UAS and unmanned ground vehicle (UGV) applications, giving our armed forces the advantage in hostile environments.”

NuWaves Engineering is a veteran-owned, 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 Jarred Lawler, Director of Product Solutions, at (513) 360-0800, jarred.lawler@nuwaves.com, or visit www.nuwaves.com for more information.

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