

**NUWAVES ENGINEERING INTRODUCES A SOLID-STATE POWER AMPLIFIER FOR S-BAND**

Middletown, Ohio, December 20<sup>th</sup>, 2021 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announces the release of an innovative, high-powered amplifier, the NuPower™ S-10-C01-S01.

The NuPower™ S-10-C01-S01 S-Band Amplifier is a small, lightweight power amplifier ideal for unmanned aerial systems (UAS) and software defined radios. The S-10-C01-S01 amplifier generates 10 watts of RF power from 3.0 GHz to 4.0 GHz and provides 44 dB of small signal gain. It is housed in a small form factor system (3.25" x 2.00" x 0.5"), making it ideal for size, weight, and power-constrained applications.

“We are excited to provide our customers with a new S-band, power amplifying option that can work in a variety of RF communication systems”, said Jeff Wells, President and CEO of NuWaves Engineering. “We will continue to strive to support our clients with best-in-class RF solutions, rapidly fulfilling the ever-changing needs of the Warfighter.”

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™.

The NuPower™ S-10-C01-S01 is now available in the fourth quarter of 2021. Please contact the Business Development Team at (513) 360-0800, [sales@nuwaves.com](mailto:sales@nuwaves.com), or visit [www.nuwaves.com](http://www.nuwaves.com) for more information.



**Figure 1 NuPower™ S-10-C01-S01**

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