

**NUWAVES ENGINEERING INTRODUCES A SOLID-STATE BIDIRECTIONAL AMPLIFIER FOR C BAND**

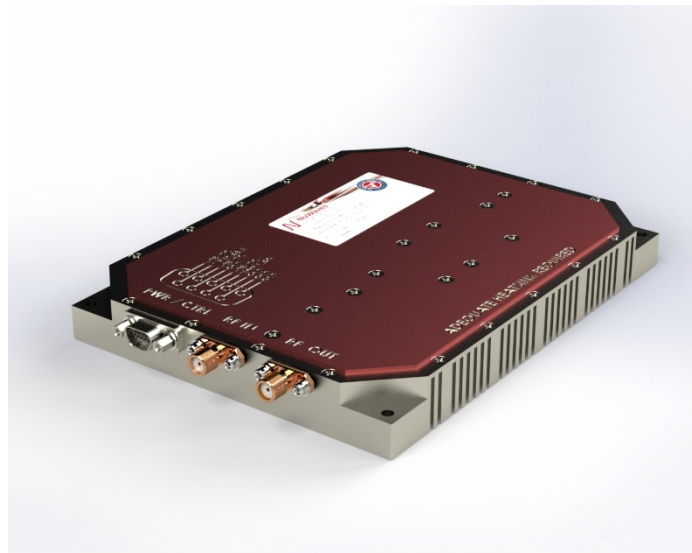
Middletown, Ohio, February 9<sup>th</sup>, 2021 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announces its release of the NuPower Xtender™ C15RX01-C044 bidirectional power amplifier.

The NuPower Xtender™ C15RX01-C044 C-Band is a small, solid state bidirectional amplifier that delivers 20 Watts (typ) of RF power across 5.03GHz-5.09GHz frequency range to boost performance of data links and transmitters. The C15RX01-C044 also features a small signal gain of 49dB. It is housed in a 17.5inch cubic inch chassis ideal for size, weight, and power-constrained applications.

“The NuWaves Team is proud to add this bidirectional amplifier to our catalog of high-powered solutions. This product will assist in extending the range of our customers’ communication systems.”, said Jeff Wells, President and CEO of NuWaves Engineering. “We are honored to continue to support our customers with best-in-class RF solutions.”

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 Xtender™ C15RX01-C044 will be available in the first quarter of 2021. Please contact the team at (513) 360-0800, [Product.Sales@nuwaves.com](mailto:Product.Sales@nuwaves.com), or visit [www.nuwaves.com](http://www.nuwaves.com) for more information.



**Figure 1 NuPower Xtender C15RX01-C044**