## NUWAVES RF SOLUTIONS INTRODUCES SMART, MINIATURIZED HIGH-POWER AMPLIFIER FOR Ku-BAND

Middletown, Ohio, November 1st, 2022 – NuWaves RF Solutions, an international Radio Frequency (RF) and Microwave solutions provider, announces the release of a smart, miniature, solid-state power amplifier—the NuPower™ KU-20-C01-S01.

The NuPower™ KU-20-C01-S01 Ku-Band Solid State Power Amplifier is a smart, miniaturized module that delivers over 20 Watts CW of RF power across the Ku-band frequency range of 14.5 to 15.5 GHz, featuring a temperature fault indicator and over-voltage protection. The KU-20-C01-S01 operates in a Stand-By Mode to reduce power consumption when not in use and can be set to RF Enable through an external logic line.



**Figure 1 NuPower™ KU-20-C01-S01**

"The NuWaves Team strives to continuously develop new RF solutions for our clients' needs", said Jeff Wells, President and CEO of NuWaves RF Solutions. "We are proud to expand our power amplifier application range into the Ku-band while continuing to design size, weight, and power-friendly options for space-constrained platforms."

NuWaves RF Solutions 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 RF Solutions…Trusted RF Solutions™.

The NuPower™ C10R01 Power Amplifier is available for order now. Please contact the Products Solutions team at (513) 360-0800, sales@nuwaves.com, or visit www.nuwaves.com for more information.