

NUWAVES RF SOLUTIONS INTRODUCES A REDESIGNED SOLID-STATE TRI-BAND BIDIRECTIONAL AMPLIFIER FOR L, S, & C-BAND

Middletown, Ohio, February 22nd, 2024 – NuWaves RF Solutions, an international Radio Frequency (RF) and Microwave solutions provider, announces the release of the NuPower Xtender™ SCISR-20-C01-S01 tri-band bidirectional amplifier.

The NuPower Xtender™ SCISR-20-C01-S01 L, S, & C-Band Bidirectional Amplifier (BDA) is a power-efficient amplifier that typically generates 25 watts of RF power across 1000 MHz to 2500 MHz frequency range for both L & S-Band channels and 12 Watts of RF power across 4400-5100 MHz frequency range in C-Band. Accepting a +30 dBm RF input, the Xtender™ typically provides 14 dB of gain in L & S-Band channels and 11 dB of gain in C-Band. This BDA is ideal for extending the communication range of multi-channel half-duplex (in-band) or full-duplex (cross-band) transceivers.

“The NuWaves Team is excited to introduce a more affordable SCISR-20 bidirectional amplifier, with much shorter lead times, and without sacrificing performance or features”, said Jeff Wells, President and CEO of NuWaves RF Solutions. “We take pride in our ability to support our clients with best-in-class RF solutions, rapidly fulfilling the ever-changing needs of the Warfighter.”

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 Xtender™ SCISR-20-C01-S01 is available in the second quarter of 2024. Please contact the Business Development Team at (513) 795-8875, sales@nuwaves.com, or visit www.nuwaves.com for more information.



Figure 1 NuPower Xtender™ SCISR-20-C01-S01

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