

**NUWAVES ENGINEERING INTRODUCES RUGGED 20-WATT LSC TRI-BAND
BIDIRECTIONAL RF AMPLIFIER FOR SECURE CDL ISR (SCISR) RADIOS**

Middletown, Ohio, January 31st, 2022 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announces the release of a rugged, tri-band, solid-state, bidirectional amplifier, the NuPower Xtender™ SCISR-20-M04.

The NuPower Xtender™ SCISR-20-M04 LSC Tri-Band Bidirectional RF Amplifier is a 20-watt amplifier* intended to simplify subsystem architecture with a compact form-factor offering in-band and cross-band bidirectional communication for improved link margin. Featuring auto-sense T/R capabilities with a 2-μs switching speed, the SCISR-20-M04 automatically detects whether it is in transmit or receive mode in each channel, independent of the operational modes of the other channels.

This amplifier is designed to support secure CDL ISR (SCISR) software-defined radio communications as an easy-to-integrate addition to any ground or airborne terminal. While the SCISR-20-M04 is designed to support these SCISR radios specifically, *it can be used in any application requiring amplification in L-, S-, and C-band and can be customized for specific use-cases and unique requirements.*

Small, compact, and rugged, the SCISR-20-M04 is designed and built to last in the harshest of environments. Furthermore, NuWaves Engineering's commitment to maintaining our AS9100D quality management system guarantees full materials traceability and quality accountability.

“We are extremely pleased to announce the release of the SCISR-20-M04. We believe this will add tremendous capability to all users of SCISR radios and their legacy counterparts. Our hope is other applications operating in these common bands (L, S, and C) will find plenty of uses for the SCISR-20-M04, as well”, said Jeff Wells, President and CEO of NuWaves Engineering. “The NuWaves’ team takes pride in our ability 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 Xtender™ SCISR-20-M04 will be available in the first quarter of 2022. Please contact the Products Solutions team at (513) 360-0800, product.solutions@nuwaves.com, or visit www.nuwaves.com for more information.

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*Band-dependent