



Research Electronics International, LLC
455 Security Drive, Cookeville, TN 38506 USA

FOR IMMEDIATE RELEASE

New Portable OSCOR Max Spectrum Analyzer

Cookeville, Tennessee USA — July 20, 2026 — Research Electronics International (REI) announces the OSCOR® Max, a high-performance portable spectrum analyzer designed to deliver fast, comprehensive RF spectrum visibility from 10kHz to 43GHz. OSCOR® Max combines advanced hardware with a user friendly interface to quickly detect, classify, and analyze known, unknown, and unauthorized signals with minimal setup.

Key Features

- **Faster, Higher Frequency Range**

OSCOR® Max continuously sweeps **10kHz to 43GHz** at **1,100GHz per second**. The fast sweep speed delivers more than **107 million data points per second** for detailed spectrum analysis.

- **Built-in Auto-Switching Antenna System**

The integrated antenna system automatically performs **125 antenna switches per second** with no external antennas or manual adjustments needed. This provides 43GHz of continuous uninterrupted of RF visibility.

- **Portable, Rugged, and Efficient**

Weighing approximately **11 lbs (4.76kg)**, OSCOR® Max is light enough for deployment in field operations and rugged enough for challenging environments. A dual hot-swappable Li-ion battery system and advanced power architecture support extended use.

- **On-Board Operation Modes for Analysis Tools**

OSCOR® Max includes many standard spectrum analyzer functions plus enhanced tools for modern signal-monitoring challenges:

- Patented **SmartBars™** displays new signals or increased energy in an easy to use bar graph format relative to a stored reference trace
- **Display modes** including live trace, average trace, peak-hold trace, persistence, discrete bands, detailed zoom, raster waterfall, and trace math (difference traces), IQ recording
- **WiFi** mode detects WiFi devices including transmitted device details to help identify them and displays Received Signal Strength Indicator (RSSI) for locating devices
- **Bluetooth** mode detects Bluetooth devices including transmitted device details to help identify them and displays Received Signal Strength Indicator (RSSI) for locating devices
- **Discreet Bands** displays up to 16 custom frequency spans, spectrum view, and waterfall of each span at the same time



Continued on pg 2

- **Multi-Purpose Probe** tests for Carrier Current, IR, Visible Light, Ultrasonic, Magnetic Leakage, Coax Cable

Applications

OSCOR® Max is intended for users and organizations requiring fast, reliable RF spectrum analysis in demanding contexts:

- Technical Surveillance Countermeasures (TSCM)
- RF emissions detection and analysis
- Site Surveys for communication systems
- RF spectrum misuse investigation
- RF and Tempest compliance testing
- Inspection of packages or other objects for tracking devices
- Security surveys for unauthorized or illicit transmissions
- Detecting and locating unlawful eavesdropping and surveillance devices
- Interference detection and troubleshooting
- RF research and development
- Detection of RF, WiFi, Bluetooth, and unknown transmitters
- Research & development in wireless systems and signal intelligence

Quick, Easy Set-up

OSCOR® Max requires little-to-no setup (operational in under 3 minutes). Following system startup, OSCOR® Max begins sweeping 43GHz via its built-in antenna system, ensuring critical threats are less likely to escape detection due to gaps in operator configuration.

Ordering

Contact sales@reiusa.net to request a quote. For additional product information, visit the OSCOR Max product page on the REI.

About Research Electronics International

REI designs and manufactures technical security equipment to protect against illicit information theft and corporate espionage. The company is recognized as an industry leader by corporations, law enforcement agencies, and government agencies for TSCM equipment. REI is located in Tennessee USA, with an extensive global network of resellers and distribution partners, and is an Electronics Technologies Group subsidiary of HEICO Corporation. For more information call +1 (931) 537-6032 or visit www.reiusa.net.

Contact Person:

Tim Cody
Research Electronics International
455 Security Drive, Cookeville, TN 38506 U.S.A.
Tel: +1 (931) 537-6032, Email: tcody@reiusa.net