

## MODULAR DIGITAL SCANNING RECEIVER

## NEMO FSR1

Nemo FSR1 is a revolutionary modular digital scanning receiver that provides accurate, reliable high-speed RF measurements of wireless networks across multiple bands and technologies.



# EVOLVES AS THE WIRELESS TECHNOLOGY EVOLVES

The industry's first modular scanning receiver Nemo FSR1 is a revolutionary solution that evolves as the wireless technology evolves. Our design separates the RF from the signal processing by utilizing field replaceable RF down converters. When a new band or band combination is needed, simply install a second down converter. When it's time for calibration, use a spare down converter and keep your scanner in service with zero down time. When a new technology is adopted, the scanner is easily ready with a simple flash to add support for that technology. Simply the most cost-effective scanning solution you can buy.



## Highlights

- Features two plug-in modular RF down converters available in many frequency band configurations.
- Support for up to eight bands in a single receiver.
- Supports LTE, WCDMA, HSDPA, GSM, CDMA, and EVDO.
- Field upgradeable design enables the easy adding of additional bands and technologies.
- Compact size and low power consumption (50W maximum).
- Scanning modes:
  - Band scan
  - Spectrum and narrowband RSSI measurements
  - Simultaneous RSSI and pilot scanning
  - GSM co-channel
  - Pilot scanning

### Available down converter models and frequencies

GWIRDC94182126 (EU QB)	GWIRDC74851921 (NA QB)	GWIRDC80192326 (LTE)
<ul style="list-style-type: none"> <li>• 925 – 960 MHz</li> <li>• GSM 900 DL, WCDMA 900 DL, LTE 900 DL (E-UTRA band 8)</li> </ul>	<ul style="list-style-type: none"> <li>• 728 – 768 MHz</li> <li>• LTE 700 DL (E-UTRA bands 12, 13, 14, 17)</li> </ul>	<ul style="list-style-type: none"> <li>• 791 – 821 MHz</li> <li>• LTE 800 (E-UTRA band 20)</li> </ul>
<ul style="list-style-type: none"> <li>• 1805 – 1880 MHz</li> <li>• GSM 1800 DL, WCDMA 1800 DL, LTE 1800 DL (E-UTRA band 3)</li> </ul>	<ul style="list-style-type: none"> <li>• 869 – 894 MHz</li> <li>• GSM 850 DL, WCDMA 850 DL, LTE 850 DL (E-UTRA band 5), CDMA/ EVDO 850 DL</li> </ul>	<ul style="list-style-type: none"> <li>• 1900 – 1920 MHz</li> <li>• LTE 1900 (E-UTRA band 33)</li> </ul>
<ul style="list-style-type: none"> <li>• 2110 – 2170 MHz</li> <li>• WCDMA 2100 DL, WCDMA 2100AWS DL, LTE 2100, LTE 2100AWS (E-UTRA bands 1, 4)</li> </ul>	<ul style="list-style-type: none"> <li>• 1930 – 1995 MHz</li> <li>• GSM 1900, WCDMA 1900 DL, LTE 1900 DL (E-UTRA bands 2, 25, 36), CDMA/EVDO 1900 DL</li> </ul>	<ul style="list-style-type: none"> <li>• 2300 – 2400 MHz</li> <li>• LTE 2300 (E-UTRA band 40)</li> </ul>
<ul style="list-style-type: none"> <li>• 2496 - 2690MHz</li> <li>• LTE 2300, 2500, 2600 (E-UTRA bands 7, 38, 41)</li> </ul>	<ul style="list-style-type: none"> <li>• 2110 – 2170 MHz</li> <li>• WCDMA 2100 DL, WCDMA 2100AWS DL, LTE 2100, LTE 2100AWS (E-UTRA bands 1, 4)</li> </ul>	<ul style="list-style-type: none"> <li>• 2496 – 2690 MHz</li> <li>• LTE 2300, 2500, 2600 (E-UTRA bands 7, 38, 41)</li> </ul>

Nemo offices are located in Oulu – Dallas – Lynchburg – Singapore – Beijing – Mumbai – São Paulo – Dubai – Paris – Bristol – Munich – Stockholm Budapest – Moscow. Our Global sales channel consists of over 50 distributors and sales representatives from six continents. You can find more information of Nemo tools and detailed contact information for our offices and local sales representatives at: [www.anite.com/nemo](http://www.anite.com/nemo)