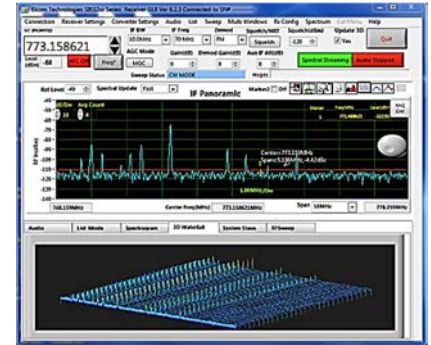
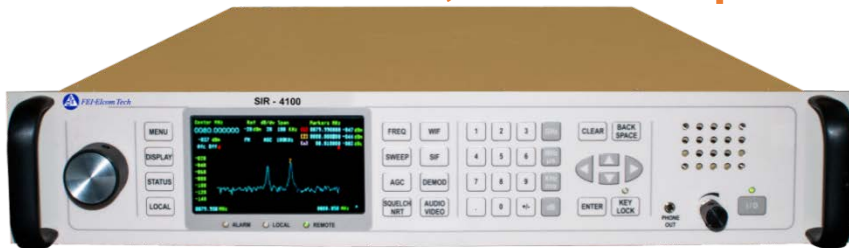




MITCHEL FIELD, N.Y. Nov 5, 2019 (Product Release) SIR Series **SIR-4100 ELINT/MASINT**

Ultra – Performance, Receiver up to 40 GHz



Key Features

- SIR-4100 ELINT/MASINT Receiver:
- *Input Frequency 0.1 to 40 GHz*
- <100 usec in-band switching
- 1.8 GHz IF Output with 1GHz BW
- 160MHz & 70MHz IF with up to 80MHz BW
- Graphical User Interface software

Advanced GUI with:

- 2D & 3D waterfall
- IF Panoramic
- List Mode
- 8 window sweep

The SIR-4000 uses the latest DSP technologies to meet the specific needs of the end user. Elcom recognized that in today's real time threat environment one size does not fit all. The company goal was to provide the end user a tool that could cover a wider frequency range (up to 40 GHz) and instantaneous bandwidth (up to 2 GHz) critical to RWR applications.

About Elcom:

(Elcom) designs and delivers Advanced Integrated Multifunction Microwave Assemblies, operating at frequencies up to 67 GHz (HF, 6 GHz, 0.5 -18-26.5-40-67 GHz).

We provide fast switching speed, low phase noise (jitter), and ultra-wideband solutions for Electronic Warfare, Radar, Electromagnetic Environment Simulator, SIGINT, and emerging 5G wireless applications. Our design approach is based on a combination of MW circuit design and FPGA based proprietary DSP.

(Elcom) products include T/R modules, Up / Down Converters, Receivers, Synthesized Signal Generators, Block Converters, Switchable Filter Banks, and Phase Locked DROs.

We offer COTS and custom products in VPX and VME open system based on the DOD Modular System Approach (MOSA). Also, we offer stand-alone ruggedized and hermetically sealed modules. **Please contact:** Sales@fei-elcomtech.com