

PCTEL Inc.



PCTEL provides **RF test and measurement tools** that improve the performance of wireless networks globally, with a focus on LTE, public safety, and emerging 5G technologies. Mobile operators, neutral hosts, and equipment manufacturers rely on PCTEL to analyze, design, and optimize next generation wireless networks. Up to Five years warranty for scanners.

Scanner Product Range

PCTEL scanning receivers and test software provide real-world data for wireless network design, planning, deployment, optimization and interference hunting. They efficiently verify in-building public safety network coverage.

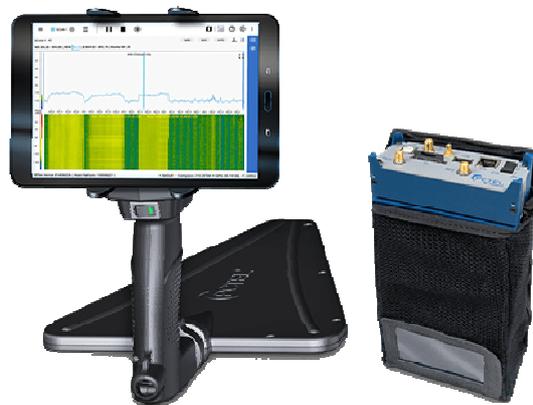
Interference, caused by everything from fluorescent lights to garage door openers to unlicensed radios, can reduce data rates and Quality of Service on 4G LTE networks. With many potential sources of interference on newly available and re-farmed spectrum, 5G networks could be impacted as well.

The 5G NR (New Radio) testing is available on both HBflex and IBflex scanning receivers.

PCTEL has a world respected RF engineering expertise providing the test tools, antennas, and embedded systems that efficiently manage interference. They offer PIM (Passive Inter-modulation) antennas and network equipment; MIMO antennas with strong port-to-port isolation; and Wi-Fi and GPS/GNSS antennas with advanced filtering technology to protect from nearby or co-located LTE transmitters.

The SeeWave® interference locating system utilises the SeeGull® *flex* scanning receivers to make hunting for external interference faster, easier, and more cost effective. These *flex* scanning receivers and SeeHawk® Touch software also provide crucial data used to minimize interference in all phases of heterogeneous network deployment.

The portable unit is an Ergonomic and lightweight design for one hand operation. It offers an Easy-to-hold grip with trigger for recording interfering signal location. The unit includes a digital compass and pre-amplifier for accurate direction finding. The software supplies simplified open street based mapping and triangulation functionality.



PCTEL Scanner Product Overview

SeeGull® Scanning Receiver:
IBflex®, EXflex®, or MXflex™ scanner
equipped with Enhanced Power
Scan for Spectrum Analysis.



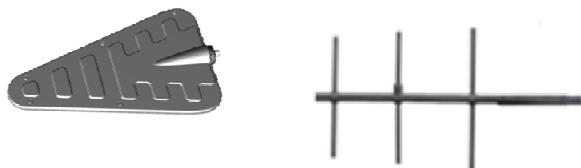
SeeWave Handheld Host Platform
contains a digital compass, pre-amplifier,
bearings trigger, and tablet mount.



Walk test kit to carry
scanner and hot swap
battery system.



Tablet for touchscreen
optimized software.



Antenna choices of a 690 MHz to 6 GHz Log Periodic,
440 MHz to 480 MHz Yagi antenna, or COTS Yagi antenna.