



# TEST & MEASUREMENT SOLUTIONS FOR MISSION CRITICAL CONNECTIVITY AND INTELLIGENCE

## Detect, Measure, and Monitor RF Signals

- I/Q sampling-ready wideband SDR receivers
- Established supplier to Department of Commerce and other federal agencies
- ITAR-certified and SAM registered US company
- Test and measurement product design and manufacturing facilities in Maryland, US



### SIGNAL INTELLIGENCE

COMINT

CESM

Portable, airborne,  
mobile, and naval  
Electronic warfare



### GROUND TRUTH

Mobile Blind Scan for detecting  
available networks

Existing network baseline



### SECURITY & INVESTIGATION

False tower identification

Jamming and  
interference detection

Data security

Forensics



### TESTING & MONITORING

Military base stations

Overseas embassies

Prisons, labs, and other  
federal facilities

FirstNet® testing

Spectrum monitoring

# WHAT IS A SCANNING RECEIVER?

Scanning receivers are non-invasive, wideband software-defined radios (SDR) used for RF measurements, spectrum monitoring, and spectrum analysis. PCTEL® scanning receivers have years of proven service by field-deployed intelligence personnel, on U.S. military bases and embassies, and in federal buildings.

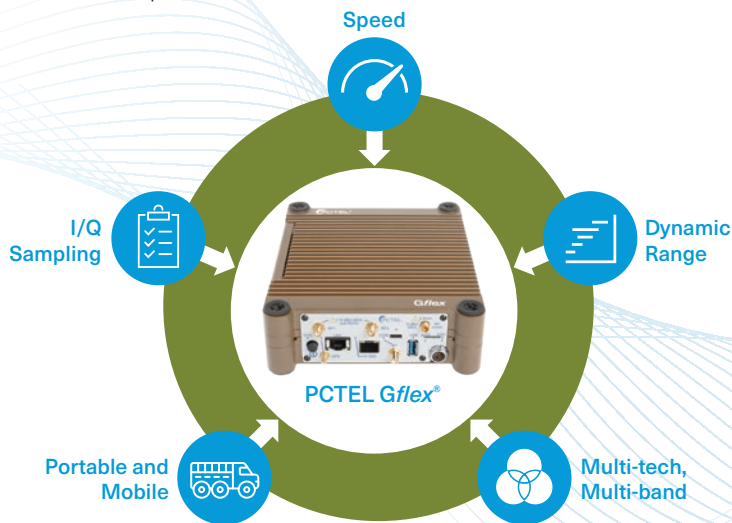
## PCTEL Scanning Receivers Are

- Compact, durable, and portable
- Drone compatible
- Specially designed and calibrated for high dynamic range and performance
- Capable of collecting data for multiple technologies (5G, 4G, 3G, etc.), networks and bands simultaneously

## Gflex® Scanning Receiver

Future-ready for 5G and multi-technology signal intelligence and network testing featuring:

- Band range: 10 MHz - 8 GHz, 24 - 48 GHz
- Hardware designed to support I/Q sampling up to 100 MHz wide
- Supports all current and future 5G bands
- Mobile blind scan quickly identifies active channels
- Industry first scanner to support entire sub-8 and mmWave bands in single unit
- Industry first scanner with true 5G data collection with a 20 MHz and 100 MHz step IF



## COMPLETE YOUR SOLUTION

### SeeWave® Interference Locating System

Accelerate interference hunting and rogue signal locating with this lightweight, handheld platform



### SeeHawk™ Monitor

Spectrum monitoring and automated P25 uplink testing



*Coming Soon: Cellular decode (downlink)*

### IBflex® Scanning Receiver

Portability and accuracy with the power to test 5G/4G/3G/2G, P25 DMR, TETRA, and WiFi signals and 10 MHz - 6 GHz bands simultaneously



## Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for over 25 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.

For more information, contact your sales representative or visit [pctel.com](https://pctel.com)



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**MADE IN THE USA**  
of U.S. and imported parts