

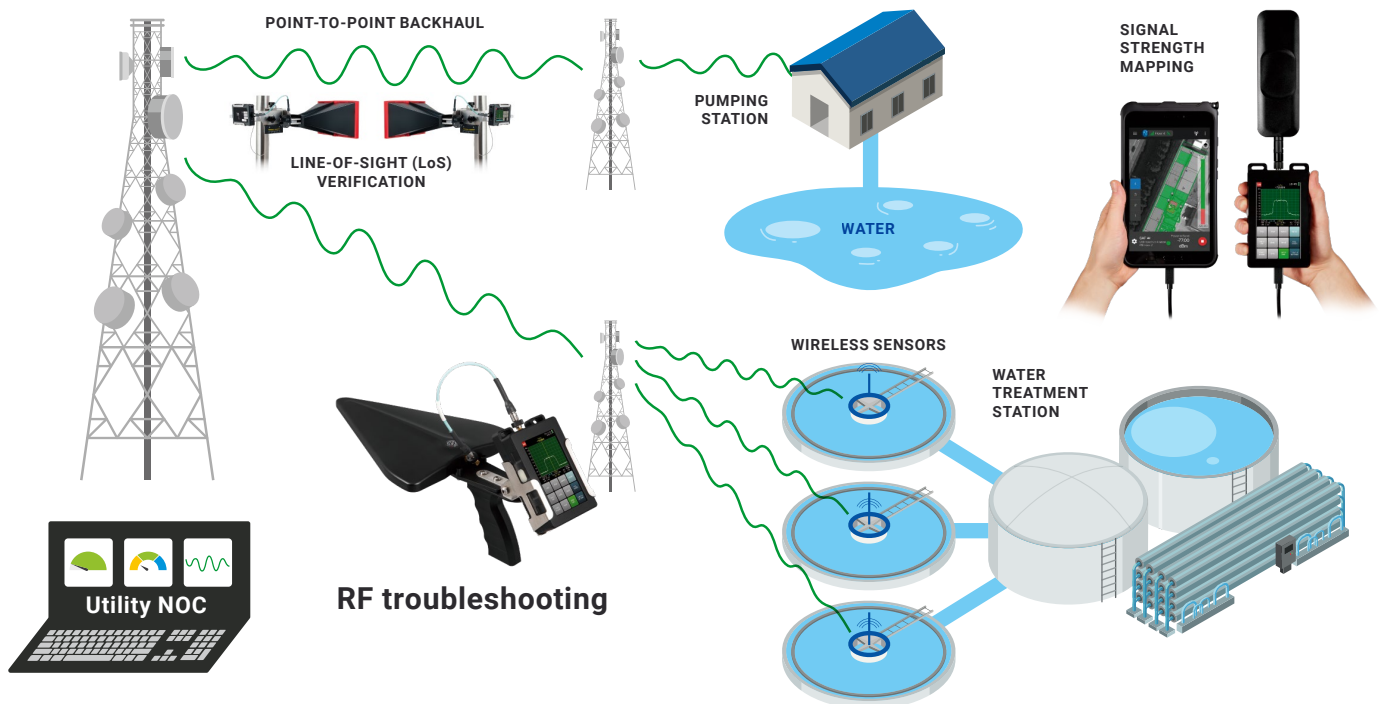
# Handheld Spectrum Analyzer to Accelerate Utilities' Wireless Field Operations



Utility services rely on radio communications more than ever. Ensure the strength and precision of your communication networks with Spectrum Compact spectrum analyzer – a tool powerful enough to detect even the weakest signals and simple enough for anyone to use. Ultra-compact, lightweight, intuitive, and affordable, the Spectrum Compact will save you a lot of time and energy in RF field testing.



## Utilities wireless communication network



### SPECTRUM COMPACT FOR POINT-TO-POINT WIRELESS LINKS

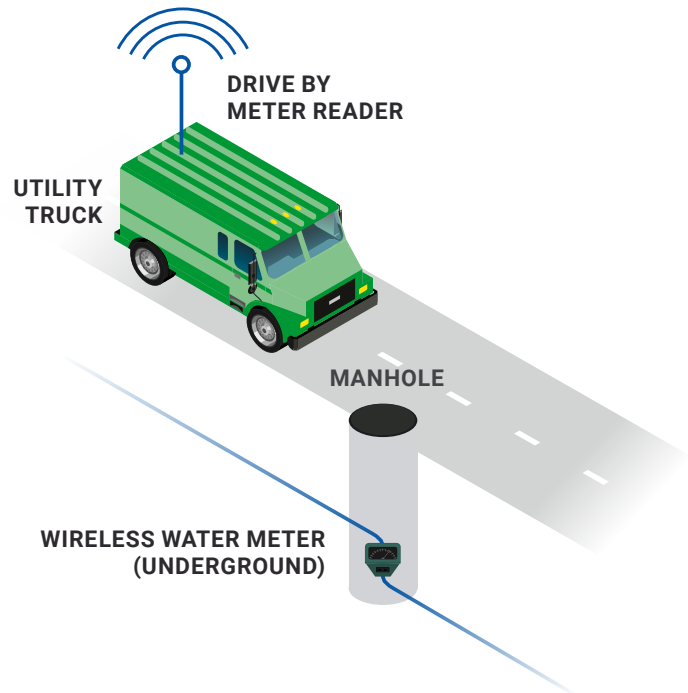
Spectrum Compact is native to field RF work for deploying point-to-point wireless networks. Imagine your field crew performing antenna alignment, RF configuration, troubleshooting – this usually requires carrying heavy equipment. Spectrum Compact and its lightweight form factor is the right solution for ensuring your crew is efficient.

## FOR UTILITIES POINT-TO-POINT WIRELESS NETWORKS

- ✓ Antenna alignment
- ✓ Line-of-sight verification
- ✓ RF parameter verification
- ✓ RF troubleshooting
- ✓ RF interference detection and hunting

## POINT-TO-POINT MULTIPOINT WIRELESS NETWORKS:

- ✓ RF parameter verification
- ✓ RF troubleshooting
- ✓ RF interference detection and hunting
- ✓ Signal strength mapping



## DEPLOYING POINT-TO-MULTIPOINT NETWORK

Building and managing smart grid networks can be a difficult task. The networks are loaded with different wireless technologies from IoT and smart metering to wireless sensor readings and legacy technologies like drive-by or walkthrough data collection. Spectrum Compact can help make these tasks easier for the operators in the field.

- ✓ Interference or RF signal availability awareness tests
- ✓ RF channel availability verification and spectrum clearing
- ✓ Indoor/outdoor signal strength coverage tests
- ✓ RF troubleshooting

## NETWORK PLANNING

Whether you're working with a point-to-point or point-to-multipoint connection, a crucial part of deploying and maintaining an effective wireless network is spot-on RF planning. Spectrum Compact can streamline the planning operations and save time by furnishing a toolkit that allows performing quick RF environment tests with a truly handheld device.

- ✓ Site construction planning
- ✓ Indoor/outdoor network coverage checks
- ✓ Pre-deployment line-of-sight verification
- ✓ Outdoor signal mapping for large-scale projects

## SPECTRUM COMPACT IS DESIGNED FOR EFFICIENT USE IN THE FIELD:

- ✓ Its intuitive design allows beginners to quickly become independent in RF testing,
- ✓ Its compact form fits into your hand and is light to carry,
- ✓ It is affordable – you can buy only the frequency band you need.

Want to make sure this solution is right for you?  
Try our free Spectrum Compact Virtual Demo!

[SPECTRUMCOMPACT.COM](https://www.spectrumcompact.com)

