

# The RF Experts



**Bird's mission is to serve as one of the industry's leading RF experts in Coverage Solutions, Off-Air Testing, Sensor Solutions and Test and Measurement.**

We strive to provide our customers with the highest quality, innovative RF products and services all based around total reliability.

All Bird products can be serviced and calibrated by the Bird Service Center (BSC). Bird Service Centers and Service Partners are located World Wide providing a full range of service and support for your Bird Products.

To view our product online, go to [www.birdrf.com](http://www.birdrf.com)



Bird reserves the right to modify specifications or discontinue any product without notice.

Spectrum-Analyzer-SignalHawk-Brochure-07022019



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## Bird<sup>®</sup> SignalHawk<sup>™</sup> HANDHELD SPECTRUM ANALYZER

RF SPECTRUM ANALYSIS AT YOUR FINGERTIPS!



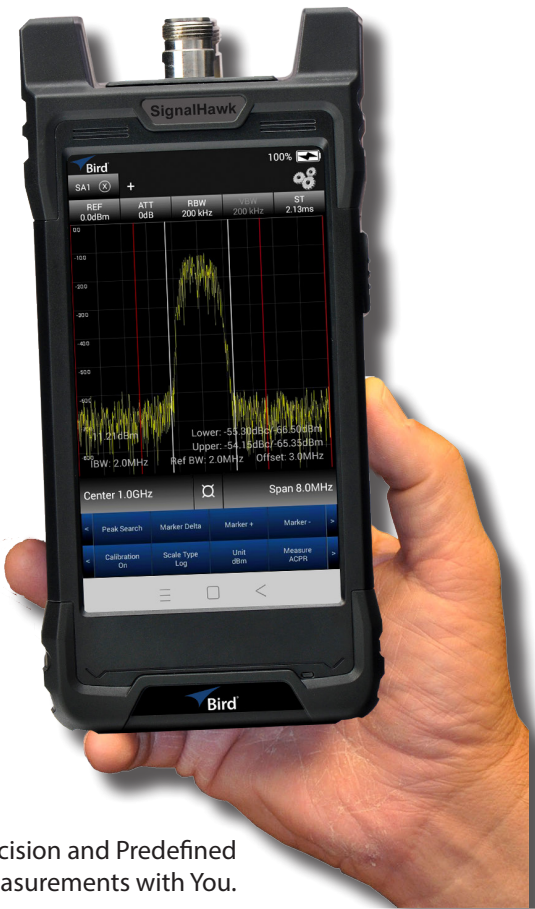
Bird® SignalHawk™

# HANDHELD SPECTRUM ANALYZER

The **SignalHawk™** family of handheld spectrum analyzers combine best in class functionality in a compact, affordable package. Highly portable, the SignalHawk™ family of analyzers easily fit in one hand and boast an intuitive touchscreen user interface.

- The **SH-60S-TC** is the latest offering in the SignalHawk™ family of handheld RF spectrum analyzers, allowing users to view RF signals between **9 kHz and 6 GHz**.
- The **SH-60S-AOA** extends the capability of the SH-60S-TC by adding the ability to triangulate the location of an interferer on a map for signals between **9 kHz and 6 GHz**.
- The **SH-42S-TC** offers a frequency range of **10 MHz to 4.2 GHz** for users that don't have the higher frequency requirements of SH-60S-TC users.

Leveraging multi-touch technology, users will find a high-resolution touchscreen with familiar, easy to use, methods for setting up and using the SignalHawk™ RF spectrum analyzer. Field engineers, technicians, wireless equipment manufacturers, service providers, contractors, tower erectors and military personnel alike have come to trust the precision results and efficiency of SignalHawk™.



Carry Precision and Predefined Measurements with You.

## PREDEFINED MEASUREMENTS INCLUDE:

- Channel Power
- Adjacent Channel Power Ratio (ACPR)
- Phase Noise
- N dB Down bandwidth
- Occupied Bandwidth (OBW)
- Field Strength
- FM demodulation
- CNR Loss (GNSS signal quality)
- Spectrum Masking and limit lines



SH-42S-TC



SH-60S-AOA

SH-60S-TC

## RF SPECTRUM ANALYSIS *At Your Fingertips!*

- Affordably priced; allowing every team member to have one.
- Easy-to-use, intuitive menus to simplify operation for occasional or seasoned users.
- More than 2x faster sweep times than the competition.
- High-resolution, full-color display for indoor or outdoor viewing.
- Two level internal preamplifier.
- View the spectrum with trace display, spectrogram display, or both.
- Includes the Bird RF Meter App that allows interoperability with a wide range of Bird Field sensors.
- Touchscreen display with multi-touch operation.
- Lightest, all-in-one analyzer at only 1.98 lb (0.9 kg).
- Battery offering up to 6 hours of continuous operation.