ROHDE&SCHWARZ
Make ideas real

R&S®FPH-INH4/-INH8 INTERFERENCE HUNTING BUNDLE

Handheld spectrum analyzer with interference hunting options

The perfect choice for

Locating illegal transmissions of RF signals	Ensuring transmission coverage
Analyzing interference	Spectrum clearance

Swiftly accomplish tasks in any theater

The R&S®Spectrum Rider FPH has useful features that speed up interference hunting.

Always ready to locate interferers

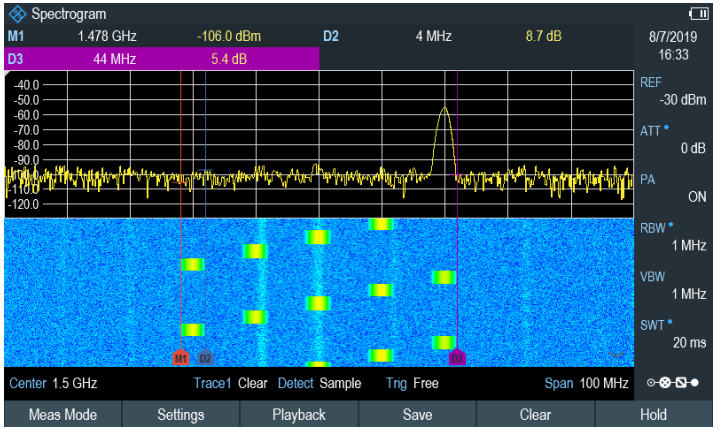
- Nonreflective screen for working in bright sunlight
- Backlit keypad allows operation in dim conditions
- Antenna options available for both indoor and outdoor interference hunting
- Built-in preamplifier option that increases sensitivity to capture low-power interferers
- Built-in attenuator prevents overloading from strong signals

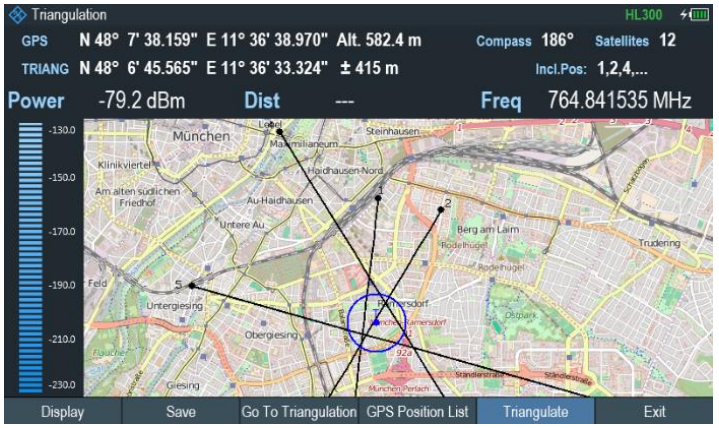
Key specifications	
Frequency range	5 kHz to 4 GHz (R&S®FPH-INH4) 5 kHz to 8 GHz (R&S®FPH-INH8)
Resolution bandwidth	1 Hz to 3 MHz
DANL at 3 GHz (preamp on)	< –163 dBm
Battery operation	8 hours (R&S®FPH-INH4) 7 hours (R&S®FPH-INH8)
Weight	2.5 kg

Your benefit	Features
Easily monitor intermittent transmission behavior	999-hour spectrogram recording function
Locate interferers anywhere	Free download of maps from OpenStreetMap for cross-border interference hunting at no extra cost
Postprocessing	R&S®InstrumentView allows signals to be further analyzed in the spectrum with markers and zoom functions
Simple documentation	Report generation in R&S®InstrumentView; information and format are customizable
Hunt interference without drawing attention	Connect to a third-party wireless router and download the R&S®MobileView app to remotely control the R&S®Spectrum Rider FPH from a backpack

For prices and more information, visit
www.rohde-schwarz.com/product/FPH

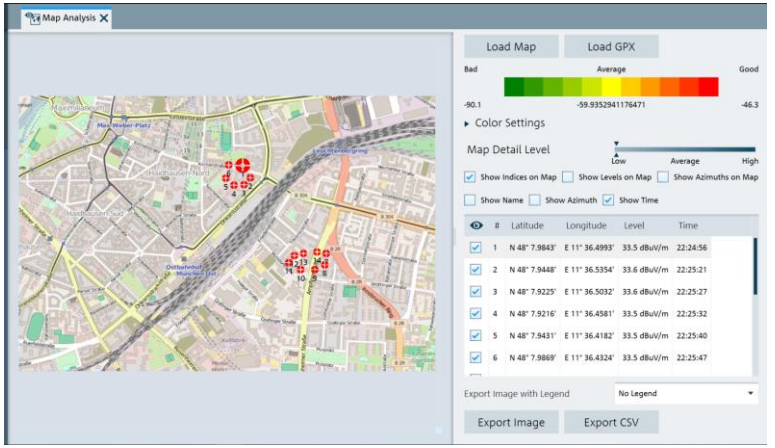
Interference analysis



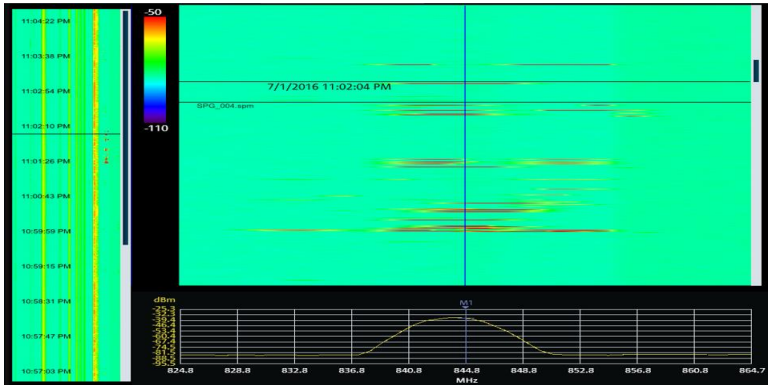


Interference analysis using spectrogram and triangulation.

Post analysis with free R&S®InstrumentView software



R&S®InstrumentView – map analysis function; for post analysis and documentation



Long-time spectrogram recording, up to 999 hours. Post analysis using R&S®InstrumentView software.

Feature highlights

Uncover indoor and outdoor interferers with ease

- Long-time spectrogram recording allows monitoring of intermittent signals
- Free map downloadable from OpenStreetMap (OSM)
- Convert PNG/JPG/GIF/BMP images with the R&S®InstrumentView software
- Display and capture GPS coordinates using an R&S®HE400 antenna or an R&S®HA-Z340 GPS receiver

Package	
Description	**Item**
R&S®Spectrum Rider FPH 5 kHz to 4 GHz (R&S®FPH-B3 and R&S®FPH-B4) Preamplifier (R&S®FPH-B22) Interference analysis (R&S®FPH-K15) Signal strength mapping (R&S®FPH-K16)	R&S®FPH-INH4
R&S®Spectrum Rider FPH 5 kHz to 8 GHz (R&S®FPH-B8) Preamplifier (R&S®FPH-B22) Interference analysis (R&S®FPH-K15) Signal strength mapping (R&S®FPH-K16)	R&S®FPH-INH8

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