

R&S® Cable Rider ZPH two-port model

Interference analysis (R&S® ZPH-K15) and signal strength mapping (R&S® ZPH-K16)



The perfect choice for

Locating illegal transmissions of RF signals

Ensuring transmission coverage

Analyzing interference from an intended or unintended party/source

Key specifications	
Frequency range	5 kHz to 3/4 GHz in spectrum mode
Resolution bandwidth	1 Hz to 3 MHz
DANL at 3 GHz (preamp on)	< -163 dBm
Battery operation	> 6.5 hours
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	With R&S®InstrumentView, signals can be further analyzed in the spectrum with markers and zoom functions
Simple documentation	Generate reports in R&S®InstrumentView; information and format are customizable
Hunt interference inconspicuously	Connect to a third-party wireless router and download the R&S®MobileView app to remotely control the R&S®Cable Rider ZPH from a backpack

Swiftly accomplish tasks anywhere

The R&S®Cable Rider ZPH two-port model has very useful interference hunting features such as the long-term recording function, triangulation and signal strength mapping.

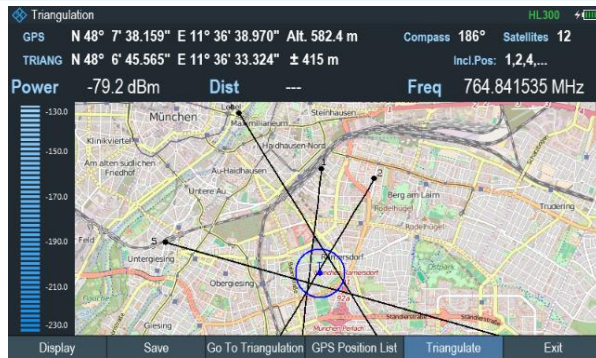
Always ready to locate interferers

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



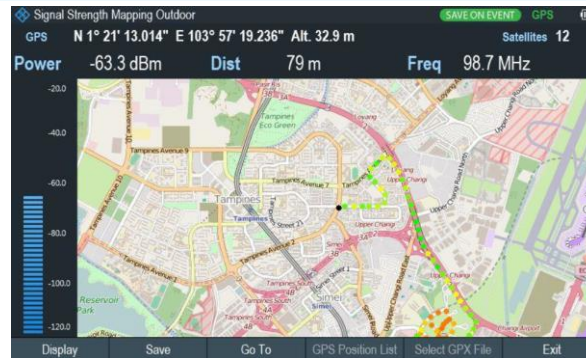
► For more information, see www.rohde-schwarz.com/product/zph

Triangulation



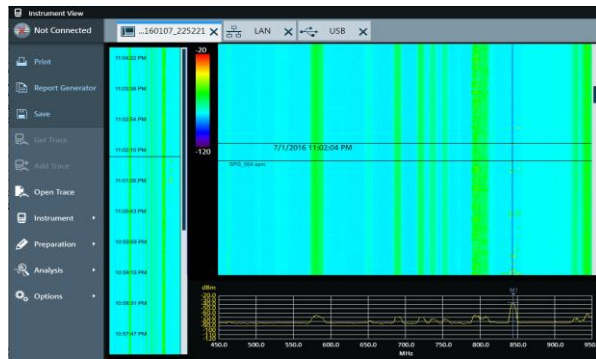
Triangulating the interferer location with R&S®ZPH-K15

Signal strength mapping



Identifying areas of interest with R&S®ZPH-K16

Long-term recording



R&S®ZPH-K15 includes a 999-hour spectrogram recording function

Reports



R&S®InstrumentView can control, configure, post-analyze and generate reports

Model configuration information

Base unit	Description
F&S®ZPH	R&S®ZPH handheld cable and antenna analyzer, combi model, 5 kHz to 3 GHz
Option	Description
R&S®ZPH-B4	Frequency upgrade, 3 GHz to 4 GHz
R&S®ZPH-B22	Spectrum analyzer preamplifier
R&S®ZPH-K1	Spectrum analysis
R&S®ZPH-K15 ¹⁾	Interference analysis
R&S®ZPH-K16 ¹⁾	Signal strength mapping
Accessories	Name
R&S®HA-Z322	Carrying holster
R&S®HA-Z322	Rainproof carrying holster
R&S®HA-Z220	Soft carrying bag
R&S®RTH-Z4	Hard shell protective carrying case
R&S®HA-Z340	GPS receiver
R&S®HA-Z900/-Z1900	Yagi antenna, 824 MHz to 960 MHz / 1710 MHz to 1990 MHz
R&S®HE400/R&S®HE400BC	Handheld directional antenna with handle
R&S®HE400-K/-KB	Cable set
R&S®HE300USB	USB adapter
R&S®HE400HF	HF antenna module, 8.3 kHz to 30 MHz
R&S®HE400VHF	VHF antenna module, 20 MHz to 200 MHz
R&S®HE400UWB	UWB antenna module, 30 MHz to 6 GHz
R&S®HE400LP	Log-periodic antenna module, 450 MHz to 8 GHz
R&S®HE400CEL	Cellular antenna module, 700 MHz to 2.5 GHz

¹⁾ Requires R&S®ZPH-K1



R&S®HA-Z220
soft carrying bag



R&S®HA-Z322
rainproof carrying holster



R&S®HA-Z340 GPS
receiver



R&S®HA-Z900/-Z1900
Yagi antenna

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Trade names are trademarks of the owners | Interference analysis (R&S®ZPH-K15) and signal strength mapping (R&S®ZPH-K16) | Data without tolerance limits is not binding

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