

# R&S®ZVH Cable and Antenna Analyzer

## For more efficiency in the field



► For more information, visit  
[www.rohde-schwarz.com/catalog/ZVH](http://www.rohde-schwarz.com/catalog/ZVH)

### The perfect choice for

Installation and  
maintenance of RF  
transmitter system

RF cable  
measurement

Antenna  
measurement

General purpose  
spectrum  
measurement

### Key specifications

Frequency range	100 kHz to 3.6/8 GHz
Port output power	0.3 ms/point
Data points	101 to 1201 points
DC bias	yes
Measurement mode (standard)	DTF, return loss, VSWR, one-port cable loss
Measurement mode (optional)	transmission measurement, vector network analysis, vector voltmeter, spectrum analysis, power meter, power measurement with power sensor, pulse measurement
Maximum permissible spurious signal	+17 dBm
Battery operation (fully charged)	3 hours (with HA-Z204) 4.5 hours (with HA-Z206)
Weight	3 Kg

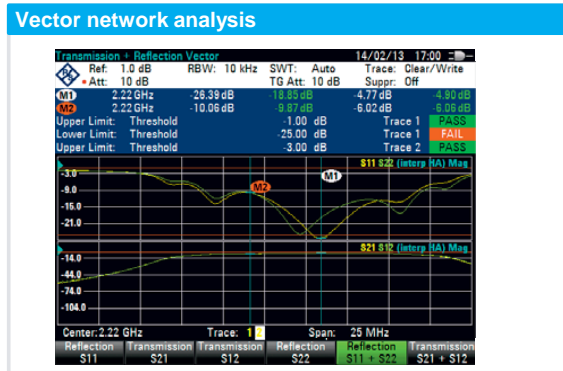
### Equipped with essential functions and features for efficient, fast and reliable field measurements

Depending on options installed, the R&S®ZVH can be a

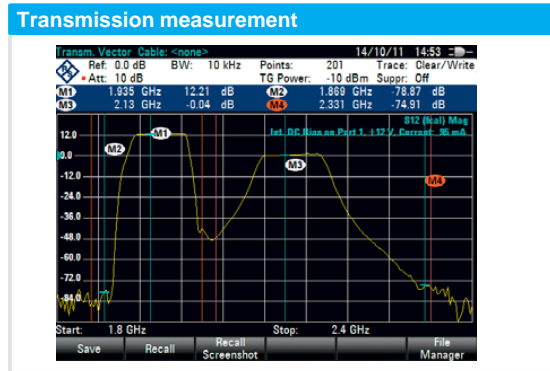
- ▮ Cable and antenna analyzer
- ▮ Two-port vector network analyzer
- ▮ Power meter
- ▮ Spectrum analyzer

Free software and apps to conveniently remote control the analyzer. The wizard function also allows users to preconfigure test sequences for repeatability and reduce measurement and troubleshooting time.

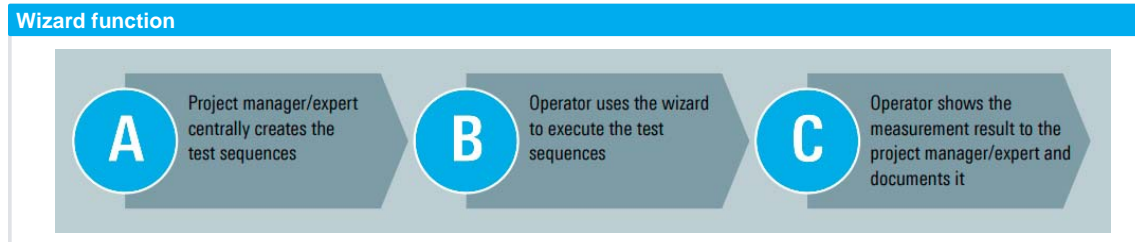
Your benefit	Features
Make the right measurement right away	Wizard function, preconfiguration of settings in advance
An expandable platform for every RF handheld measurement application	Expanded modes of operation for field strength measurements, power measurements, network analysis, vector voltmeter, pulse measurements
Simple wireless remote operation	Free downloadable Android/IOS apps (third-party wireless router required)
Most efficient instrument in the field	<ul style="list-style-type: none"> <li>▮ Sunlight readable display</li> <li>▮ Wizard streamlines test development</li> <li>▮ Remote control and data export with free R&amp;S®Instrument View software</li> <li>▮ Fast switching of measurement modes</li> <li>▮ SD card and USB port for data storage</li> </ul>



Simultaneous display of four S-parameters (S11, S21, S12, S22).



Two-port capability for transmission measurements.



Fast and accurate measurement in simple 3 steps .



The R&S®ZVH can be remotely controlled via the USB or LAN interface and integrated into user-specific programs.



Tablet with R&S®MobileView apps (available for Android and IOS) to remote control the analyzer.

### Ordering information

Choose your model	
Base model	
Cable & antenna analyzer, 100 kHz to 3.6 GHz	R&S®ZVH4
Cable & antenna analyzer, 100 kHz to 8 GHz	R&S®ZVH8

**Included:** All models include lithium-ion battery pack, LAN and USB cables, AC power supply, CD-ROM with software and documentation, quick start guide and three-year warranty (one year for battery and accessories)

Popular options	
Description	Type
Remote control via LAN or USB	R&S®ZVH-K40
Transmission measurement	R&S®ZVH-K39
Vector network analysis	R&S®ZVH-K42
Vector voltmeter	R&S®ZVH-K45
Spectrum analysis	R&S®ZVH-K1
Spectrogram measurement application	R&S®ZVH-K14
Power meter	R&S®ZVH-K9

Popular accessories	
Description	Type
Combined open/short/50Ω load calibration standard, DC to 8 GHz	R&S®FSH-Z28
Combined open/short/50Ω load calibration standard, DC to 3.6 GHz	R&S®FSH-K29
Lithium-ion battery pack, 6.75 Ah	R&S®HA-Z206
Soft carrying bag	R&S®HA-Z220
Hard case	R&S®HA-Z221
GPS receiver	R&S®HA-Z240

Rohde & Schwarz Representative