ROHDE&SCHWARZ
Make ideas real

R&S®PR200 PORTABLE MONITORING RECEIVER
High-performance spectrum monitoring in a handheld format

The perfect choice for

Detecting, identifying and geolocating emission sources	**Fast signal searches over wide frequency ranges**
Signal parameter analysis – spectral, frequency, content, pattern, geographical	**Record and replay signals of interest –** IQ, traces, audio, screenshots

Key specifications	
Frequency range [1]	8 kHz to 8 GHz up to 20 GHz
Demodulation bandwidth	Up to 40 MHz
Real-time bandwidth	Up to 40 MHz
Attenuation [2]	Up to 40 dB, depends on receiver mode
Power consumption	Typ. 16 W
Dimensions (W x H x D)	192 mm x 320 mm x 62 mm (7.56 in x 12.60 in x 2.44 in)
Weight (incl. battery)	3.5 kg (7.72 lbs)
Battery life	3.5 h

[1] Base unit with R&S®HE400DC
[2] switchable, manual/auto

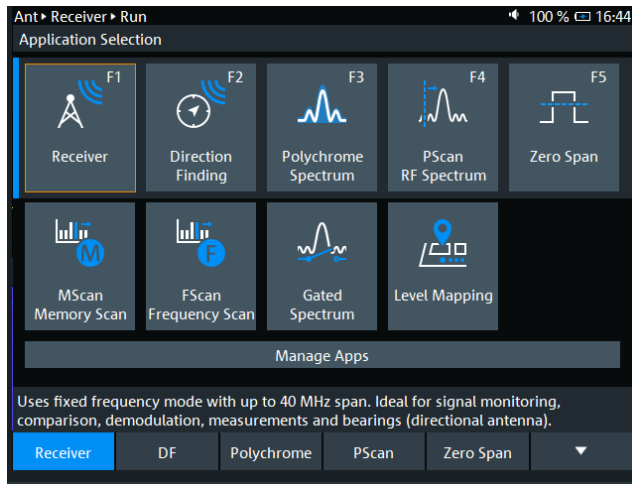| Your benefit	Features
Wide range of tools	► Parallel time and frequency domain analysis in zero span mode ► Time-gated spectrum for interference hunting in TDD networks ► Mapping functions with triangulation and level mapping ► Parallel waterfall and polychrome display ► Analysis of analog signals in line with ITU recommendations
Enhanced usability	► Application-oriented user interface ► Wide selection of markers and triggers ► Good readability even in bright sunlight ► Illuminated keypad ► Optional USB router for Wi-Fi smartphone app (Android and iOS)
Well-rounded for its purpose	► Interference hunting ► Frequency conflicts mitigation ► Signal analysis ► Frequency coordination at major events ► Spectrum monitoring/surveillance ► Automatic direction finding

Engineered to take on complex and dense signal scenarios

The R&S®PR200 portable monitoring receiver leverages the strengths of its predecessors and is one of the most sophisticated portable tools on the market. Optimized and designed especially for field operations, it combines an intuitive, application-oriented user interface with a comprehensive, newly expanded range of functions.
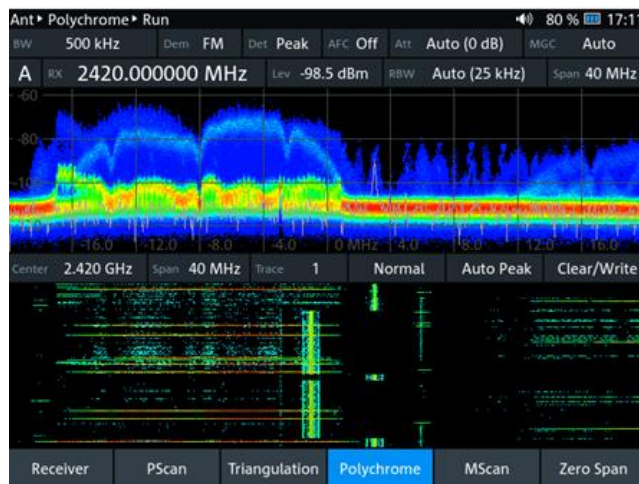
For more information, visit
www.rohde-schwarz.com/product/PR200

Fast access with user-configurable, application-oriented interface

Reveal hidden signals that may not otherwise be visible with the polychrome display
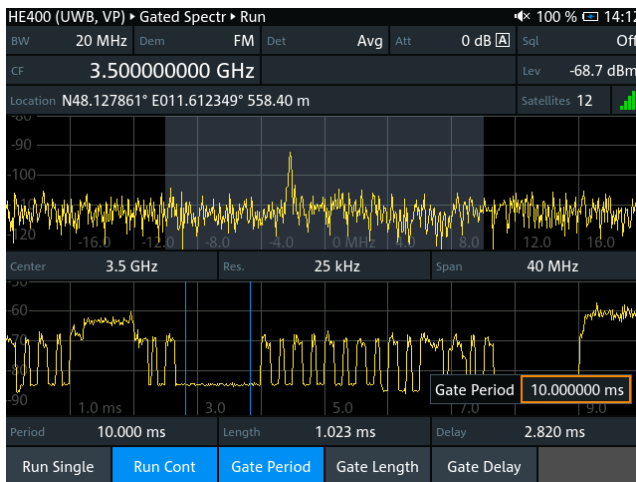
Parallel time and frequency domain analysis with up to 40 MHz real-time bandwidth

Mapping tools such as triangulation or level mapping with an integrated spectrum view

Popular accessories	
Hardware options	**Type**
Base unit including battery, power adaptor, SD card, shoulder strap and built-in GNSS	R&S®PR200
Software options	**Type**
Field strength measurement	R&S®CS-FS
Time stamp accuracy and external GNSS	R&S®CS-TSA
Polychrome spectrum	R&S®CS-PC
Panorama scan	R&S®CS-PS
Mapping application	R&S®CS-MAP
Time domain measurement	R&S®CS-ZS
DF upgrade, excluding DF antennas	R&S®CS-DF
Trace recording and replay	R&S®CS-IR
I/Q snapshot, recording and replay [1]	R&S®CS-IQ
Modulation measurement	R&S®CS-MM
Spectral measurement [1]	R&S®CS-SPM
Accessories	**Type**
Cable adapter, ODU to binder	R&S®CS-ZHEX00
Car adapter, connector for cigarette lighter	R&S®HA-Z302
Lithium-ion 6.4 Ah battery pack	R&S®HA-Z306
Battery charger	R&S®HA-Z303
Carrying holster including chest harness and rain cover	R&S®HA-Z222
Sun roof and carrying handle [2]	R&S®PR100-AP1
Suitcase kit for R&S®PR200 [3]	R&S®PR100-SC
Transport case for R&S®HE400	R&S®HE400Z1
Transport bag (small) for R&S®HE400 (recommended for one or two antenna modules)	R&S®HE400Z2
Transport bag (large) for R&S®HE400 (recommended for three or four antenna modules)	R&S®HE400Z3

[1] available from Dec 2021
[2] accessory for R&S®HA-Z222
[3] Includes hard case, headphones, telescopic rod antenna and storage space for the R&S®PR200 and mains adapter