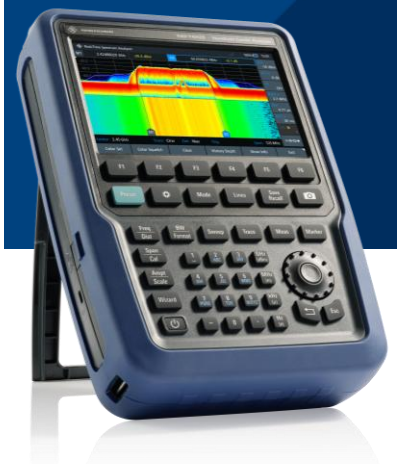
ROHDE&SCHWARZ
Make ideas real

R&S®FNH-K1R REAL-TIME SPECTRUM ANALYZER

See the unseen signals with the real-time spectrum analyzer



The perfect choice for

Aerospace and Defense	Telecommunication
Interference Analysis	EMI / R&D

Key specifications

Frequency Range / Upgrade Opt.	R&S®FNH6	Up to 6 GHz	Freq. Upgrade to 8 GHz
	R&S®FNH13	Up to 13.6 GHz	Freq. Upgrade to 20 GHz
	R&S®FNH26	Up to 26.5 GHz	Freq. Upgrade to 32 GHz (SA/RTSA only)

R&S®FNH-K1R Real-time Spectrum Analyzer		
	Probability of Intercept (POI)	: ~ 3.58 µSec (with 100% probability).
	Real-time Bandwidth	: up to 125MHz
	FFT Update Rate	: 330k FFT / Sec
	Min. Signal acquisition Time	: 100 µSec (with Spectrogram) & 1 mSec (with Spectrum)

R&S®FNH-K1R Real Time Spectrum Analyzer

- ► Gapless Realtime analysis up to 125 MHz
- ► Capture transient and dynamic signals occurrence.
- ► Visualize various signals masked under a strong signal envelop.
- ► Capture rare and short bursts.
- ► Spectrum monitoring & Interference hunting.

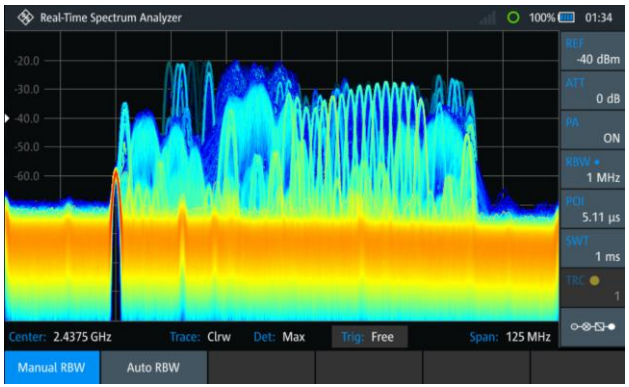
Placeholder for QR with tracking URL

For price and more information, visit
www.rohde-schwarz.com/product/xxx

Your benefit	Features
POI ~ 3.58 µSec (Min. signal capture duration with 100% POI at full amplitude accuracy)	► Detects short duration RF signals with high confidence without compromising the amplitude accuracy. Captures intermittent bursts, radar pulses, and transients that a swept analyzers can miss.
Fast FFT rate of 330 k FFTs / Sec	► Provides ultra-fast spectrum updates : Enables reliable monitoring of frequency hopping and rapidly changing signals
Wide Real-time Bandwidth of 125MHz	► Continuously monitors a wide frequency span without any gaps : increases probability of detecting transient and intermittent signals while reducing measurement time within the span of interest.
Minimum signal acquisition time of 100 µSec	► Captures short duration RF events with excellent time resolution : Enables detailed troubleshooting of transient behavior.
Usable in all weathers and terrain	► Excellent thermal stability with guaranteed operational temperature from -10°C to +55°C. ► Weather-proof holster - IP65 compliant ► Ruggedness assured with MIL Std MIL-PRF-28800F Class 2 and MIL-STD-810H
Remote Control	► Free to download tools compatible for remote control and ease of use in field

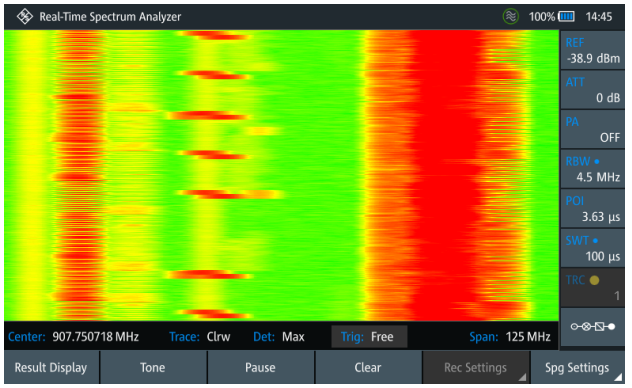
Real-time Spectrum Analyzer (Option FNH-K1R)

Real-time Spectrum measurement with Spectrogram
(Option BW : FNH-B60, -B125)



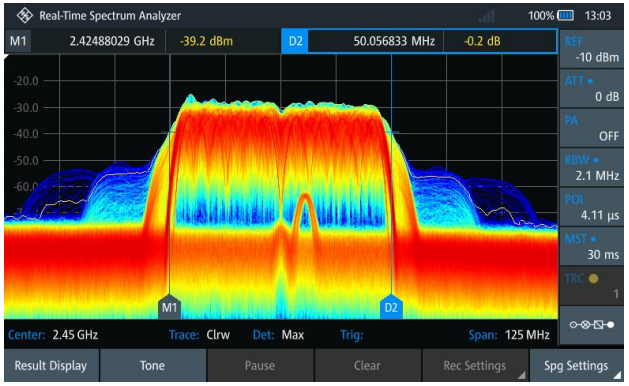
RTSA : Interference Analysis (Option FNH-K1R + K15)

Even the shortest burst can be visualized using the spectrogram with option FNH-K15 Interference Analysis.



RTSA : Visualization of various signals (Option FNH-K1R)

Visualize various signals masked under a strong signal envelop.



Remote access

Free to download App. MobileView (Android / iOS) / Software InstrumentView



Scan to download : MobileView for Android

Link :
https://play.google.com/store/apps/details?id=com.rohdeschwarz.android.mobileview

Scan to download : MobileView for iOS

Link : https://apps.apple.com/us/app/r-s-mobileview/id1186696896

Popular Options / Accessories	
Description	**Item**
Realtime Spectrum Analyzer (RTSA) application	R&S®FNH-K1R
Analysis bandwidth 60 MHz	R&S®FNH-B60
Analysis bandwidth 125 MHz	R&S®FNH-B125
Interference Analysis	FNH-K15
Antenna handles	
Handheld directional antenna (8kHz to 8GHz)	R&S®HE400
Handheld directional antenna (20 MHz to 20 GHz)	R&S®HE400MW
Handheld directional antenna (8 kHz to 20 GHz)	R&S®HE400BC
Antenna modules	
VHF Module (20 MHz to 200 MHz)	R&S®HE400VHF
UWB Module (30 MHz to 6 GHz)	R&S®HE400UBW
Log.-Periodic Module (450 MHz to 8 GHz)	R&S®HE400LP
HF Module (8 kHz to 30 MHz)	R&S®HE400HF
SHF Module (5 GHz to 20 GHz)[1]	R&S®HE400SHF
Rain Holster with Strap	R&S®HA-Z422
GPS with 10MHz Clock	R&S®HA-Z440
Rain Holster with Strap	R&S®HA-Z422
1 Usable up to 8GHz with HE400 antenna handle	

Feature highlights (list)

- ► Multiple devices in one compact handheld device.
- ► Best in class RF Specifications for SA, RTSA, VNA, CAT etc.
- ► All upgrades using S/w license keys ensure zero down time
- ► Excellent thermal stability
- ► Wide range of accessories available

Rohde & Schwarz Representative

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