

... and check out these winning points

Largest product portfolio on the market

We provide solutions for any application and any budget: introductory models, handheld instruments, medium-class and high-end spectrum analyzers, signal analyzers, EMI test receivers, one-box solutions for calibration tasks and signal source characterization.

Redefining the boundaries of spectrum analysis

Since 1986, Rohde & Schwarz has been setting new standards again and again in this product sector. The timeline on the back page shows a selection of our highlights.

Short innovation cycles and utmost investment security

Although seemingly a contradiction in terms, this is our strategy. Our products are based on platforms that are continuously further developed and enhanced with new functions. We can therefore respond quickly to new requirements – and your valuable investment will remain state-of-the-art for a long time.

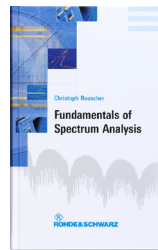
Maximum integration and functionality

We integrate in a single box functions that other manufacturers distribute among several instruments. The high degree of integration not only means that you save on power, weight and space, but also provides greater stability and reliability.

Excellent service worldwide

We serve 90 % of the global market with our subsidiaries and representatives and provide professional telephone support around the clock.

- 1986 — R&S®FSA: setting the standard in RF performance
- 1995 — R&S®FSE: the new benchmark for the industry
- 1996 — First spectrum analyzer with RMS detector
- 1997 — First spectrum analyzer with built-in vector demodulator
- 1998 — R&S®FSIQ: industry standard for WCDMA ACLR measurements
- 1999 — R&S®FSP: the fastest spectrum analyzer on the market
- 2001 — R&S®FSU: R&S's third-generation high-end analyzer family
- 2002 — R&S®FSH: setting new standards in the handheld class
- 2004 — R&S®FSMR: the all-in-one solution for calibrating tasks
- 2005 — R&S®FSL: the pro among the compacts
- 2006 — R&S®FSUP: the first to combine phase noise and spectrum analysis | R&S®ESU: the new EMI benchmark
- 2007 — R&S®FSU: the first spectrum analyzer up to 67 GHz



Available at <http://www.books.rohde-schwarz.com>

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The Driving Force in Spectrum Analysis



Take a look at our program of excellence ...

The success story began in 1986 with the R&S®FSA. Back then, the newcomer set standards in RF performance and eased operation as the first spectrum analyzer on the market to feature a color display.

Twenty years and many highlights later, we offer prospective T&M equipment customers a modern and wide-ranging product portfolio that provides sophisticated, and often unique, solutions for all fields of application in spectrum analysis – from special-purpose instruments to general-purpose, universal equipment.

The rapid development in wireless communications demands short innovation cycles and permanent upgrading of measuring equipment with new analysis capabilities. This is where the flexibility and sustainable value of our platform-based models especially yield results – invest once, and profit for many years to come.

Whatever your area of work may be, a spectrum analyzer from Rohde & Schwarz will help you achieve your aim faster and more directly. Together with you, our expert sales engineers will quickly find the model that best suits your needs – simply arrange a free consultation without obligation.

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The Rohde & Schwarz world of spectrum analysis

Frequency Range	0 GHz	5 GHz	10 GHz	15 GHz	20 GHz	25 GHz	30 GHz	35 GHz	40 GHz	45 GHz	50 GHz	110 GHz
R&S®FSMR from 20 Hz	R&S®FSMR50											50 GHz
	R&S®FSMR26					26.5 GHz						
	R&S®FSMR3	3.6 GHz										
R&S®FSUP from 20 Hz	R&S®FSUP50											50 GHz
	R&S®FSUP26					26 GHz						(110 GHz)
	R&S®FSUP8		8 GHz									(110 GHz)
R&S®FSQ from 20 Hz	R&S®FSQ40								40 GHz			(110 GHz)
	R&S®FSQ26					26.5 GHz						(110 GHz)
	R&S®FSQ8		8 GHz									
	R&S®FSQ3	3.6 GHz										
R&S®FSU from 20 Hz	R&S®FSU67											67 GHz
	R&S®FSU50										50 GHz	(110 GHz)
	R&S®FSU46									46 GHz		(110 GHz)
	R&S®FSU26					26.5 GHz						
	R&S®FSU8		8 GHz									
	R&S®FSU3	3.6 GHz										
R&S®FSG from 9 kHz	R&S®FSG13			13 GHz								
	R&S®FSG8		8 GHz									
R&S®FSP from 9 kHz (opt. 30 Hz)	R&S®FSP40								40 GHz			(110 GHz)
	R&S®FSP30						30 GHz					
	R&S®FSP13				13.6 GHz							
	R&S®FSP7		7 GHz									
	R&S®FSP3	3 GHz										
R&S®FSL from 9 kHz	R&S®FSL6		6 GHz									
	R&S®FSL3	3 GHz										
R&S®FSH from 9 kHz	R&S®FSH18				18 GHz							
	R&S®FSH6		6 GHz									
	R&S®FSH3	3 GHz										
R&S®FS3x from 9 kHz	R&S®FS315	3 GHz										
	R&S®FS300	3 GHz										

*With external mixer.



R&S®FSMR

Measuring receiver with high linearity for signal generator and attenuator calibration

R&S®FSUP

Phase-noise test set and signal source analyzer with integrated high-end spectrum analyzer

R&S®FMU

Baseband analyzer with balanced and unbalanced analog inputs (I/Q)

R&S®FSQ

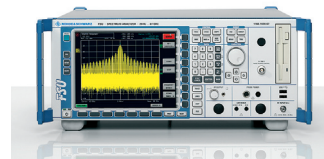
Signal analyzer with integrated spectrum analyzer up to 40 GHz (similar to the R&S®FSU) and up to 120 MHz I/Q demodulation bandwidth

R&S®FSG

Signal analyzer for broadband communications applications with 28 MHz I/Q demodulation bandwidth

R&S®FSU

High-end spectrum analyzer up to 67 GHz for applications in R&D and production with high demands on dynamic range



R&S®FSU|FSQ|FSUP|FSMR|FMU

R&S®FSP

Medium-class spectrum analyzer up to 40 GHz for most lab applications, service, and measurements in production



R&S®FSP

R&S®FSL

Compact lightweight analyzer for applications in development, service, and installation with 20 MHz I/Q demodulation bandwidth



R&S®FSL

R&S®FSH

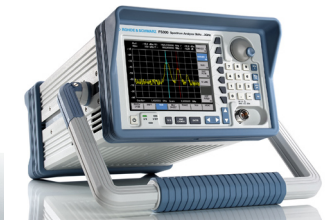
Versatile handheld spectrum analyzer up to 18 GHz for mobile applications in the field and in service



R&S®FSH

R&S®FS300

Cost-efficient 3 GHz spectrum analyzer for applications in service, production, and education



R&S®FS300