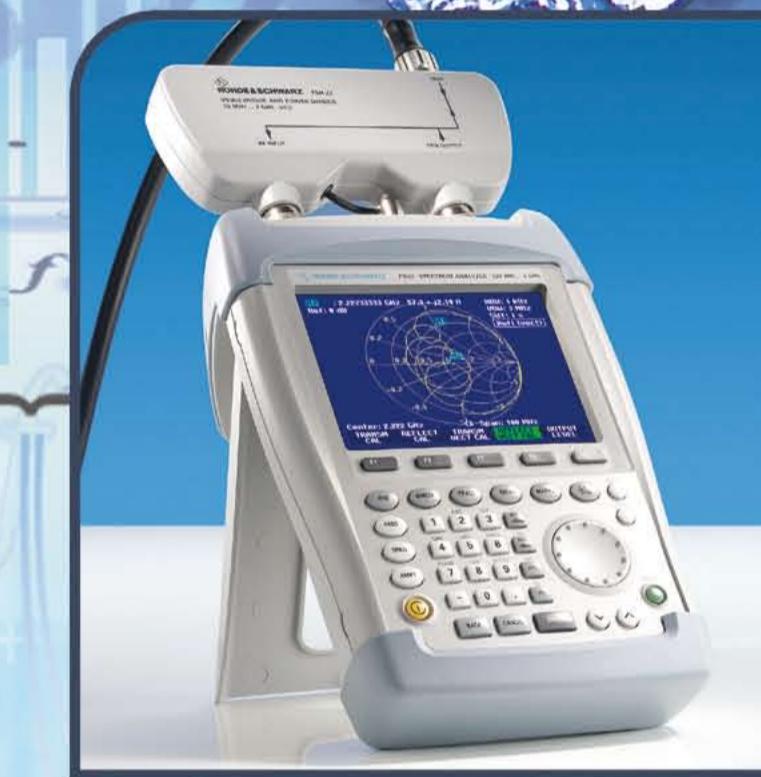
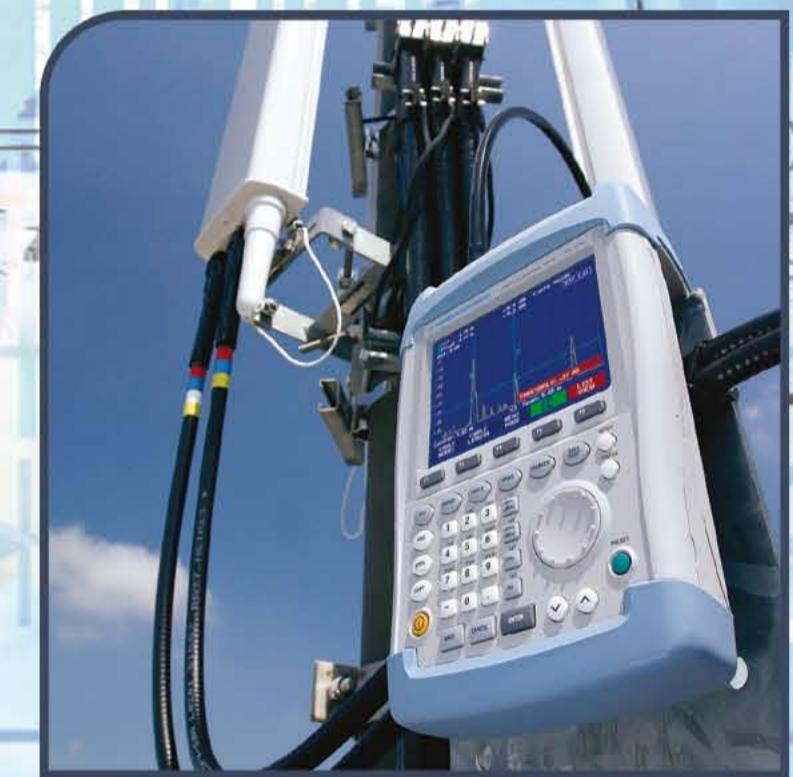


# Handheld Spectrum Analyzer R&S®FSH



up to 3/6/18 GHz



## Data in brief

	R&S®FSH3	R&S®FSH6	R&S®FSH18
Frequency range	100 kHz to 3 GHz	100 kHz to 6 GHz	10 MHz to 18 GHz
Resolution bandwidths	100 Hz to 1 MHz (model .13) 100 Hz to 1 MHz (models .03 and .23)	100 Hz to 1 MHz	
Video bandwidths	10 Hz to 1 MHz		
Displayed average noise level	typ. -114 dBm (1 kHz) (model .13) typ. -135 dBm (100 Hz) (models .03 and .23)	typ. -135 dBm (100 Hz)	typ. -128 dBm (100 Hz)
TOI	<-100 dBc (1 Hz) at 100 kHz from carrier		typ. 7 dBm
SSB phase noise			-90 dBc (1 Hz)
Detectors	sample, max/min peak, auto peak, RMS		
Level measurement uncertainty	<1.5 dB, typ. 0.5 dB		<1.5 dB to 6 GHz <2.5 dB to 16 GHz <3 dB to 18 GHz
Reference level	-80 dBm to +20 dBm		
Dimensions	170 mm x 120 mm x 270 mm (6.69 in x 4.72 in x 10.63 in)		
Weight	2.5 kg (5.52 lb)		

Product	Application											
	TDMA power measurements	Channel-power measurements	Field-strength measurements/measurements	C/N measurements	Channel tables	Receiver mode	Code domain power measurements on 3GPP base stations <sup>1)</sup>	Power measurements up to 1 GHz/18 GHz	Measurements on cellular distance-to-fault	Vector transmission measurements <sup>2)</sup>	Scalar reflection measurements <sup>3)</sup>	Remote control via RS-232C
R&S®FSH (models .03/.06) with preamplifier	■	■	■	■	■	■	■	■	■	■	■	■
R&S®FSH (model .13) with tracking generator	■	■	■	■	■	■	■	■	■	■	■	■
R&S®FSH (models .23/.26) with tracking generator and preamplifier	■	■	■	■	■	■	■	■	■	■	■	■
R&S®FSH18	■	■	■	■	■	■	■	■	■	■	■	■

<sup>1)</sup> For R&S®FSH3 model .23 with serial no. 103500 or later.  
<sup>2)</sup> R&S®FSH-K2 required.

■ R&S®FSH standard function  
— Not available



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