

ROHDE & SCHWARZ

FSU26

The Rohde & Schwarz FSU26 is a high-performance spectrum analyzer offering a frequency range of 20 Hz to 26.5 GHz. It is recognized for its industry-leading dynamic range, exceptional phase noise, level accuracy, and extremely wide resolution bandwidth, making it ideal for the design, characterization, and manufacture of next-generation wireless components.

SPECIFICATIONS

General

Display	8.4-inch color SVGA TFT LCD (800 × 600 pixels)
Recommended Calibration Interval	1 year

Physical

Power Supply	100 V to 240 V AC, 50 Hz to 400 Hz
Operating Temperature	+5 to +40 °C
Dimensions (W×H×D)	435 × 192 × 460 mm

Frequency Specifications

Frequency Range	20 Hz to 26.5 GHz
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Inputs and Outputs

RF Input Impedance	50 Ω
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Display and Analysis

Standard Automated Measurement Routines	TOI, MC ACP(R), OBW, CCDF, APD
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RF Input

Maximum DC Input Voltage	0 V
Maximum CW RF Power	+30 dBm (1 W)
Input Attenuator Range	0 dB to 75 dB, in 5 dB steps

Sweep

Sweep Time (Span ≥ 10 Hz)	2.5 ms to 16000 s
Sweep Time (Zero Span)	1 μs to 16000 s

Data Acquisition

Trace Detectors	Max Peak, Min Peak, Auto Peak, Sample, RMS, Average, Quasi-Peak
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Frequency

Reference Frequency Aging	1 × 10 ⁻⁷ /year (standard); 1 × 10 ⁻⁹ /day (with option FSU-B4)
Frequency Resolution	0.01 Hz

Amplitude

Amplitude Measurement Range	Displayed average noise level (DANL) to +30 dBm
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Environmental

Storage Temperature Range	-40 °C to +70 °C
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TECHNOLOGY

Spectrum Analysis

APPLICATIONS

Wireless communications design, component characterization, next-generation wireless element manufacturing

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.