

R&S® FPC1000 Spectrum Analyzer Option Sheet

Investment protection – buy only what you need when you need it



The perfect choice for

EMI debugging on circuit boards, integrated circuits or cable shielding

Measuring both AM/FM and ASK/FSK modulation

Setting up a wireless lab with Wi-Fi

Key specifications	
Frequency range	5 kHz to 1 GHz upgradeable up to 3 GHz
Max. input power	up to +30 dBm
Low noise floor	down to -165 dBm (typ., with preamplifier)
Connectivity	LAN, USB, Wi-Fi (optional)
Software options	modulation analysis, receiver mode, advanced measurements

Your benefit	Features
Investment Protection	All upgrades available via keycode, no additional calibration required
Remote Measurement	R&S®FPC-B200 enables Wi-Fi for remotely accessing the instrument without cabling

Buy only what is needed – invest when needed – upgrade as needed

Frequency-upgradeable

- The FPC1000 covers a frequency range from 5 kHz to 1 GHz, with keycode-activated upgrades available

Wi-Fi connection support*

- The R&S®FPC-B200 enables the integrated Wi-Fi module, which renders network cables superfluous

Spectrum analyzer preamplifier

- The option preamplifier enhances sensitivity to detect even the smallest signals
- 100% software-upgradeable
- No downtime – instant option availability

[Modulation analysis \(next page\)](#)

[Receiver mode \(next page\)](#)

[Advanced measurements \(next page\)](#)

* Wi-Fi feature not available in some countries due to local certification requirements.

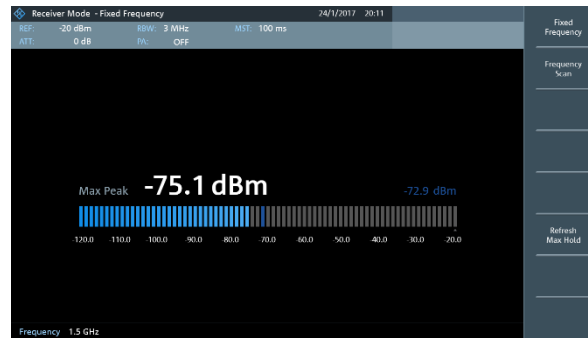
► For more information, see www.rohde-schwarz.com/product/FPC1000

Modulation analysis



R&S®FPC-K7 modulation analysis.

Receiver mode



The optional R&S®FPC-K43 receiver mode enables EMI debugging.

Model configuration information

Option	Name
R&S®FPC-B2	Spectrum analyzer frequency upgrade, 1 GHz to 2 GHz
R&S®FPC-B3	Spectrum analyzer frequency upgrade, 2 GHz to 3 GHz
R&S®FPC-B22	Spectrum analyzer preamplifier
R&S®FPC-B200	Wi-Fi connection support
R&S®FPC-K7	Modulation analysis
R&S®FPC-K43	Receiver mode
R&S®FPC-K55	Advanced measurements
Accessories	Name
R&S®ZZA-FPC1	19" rackmount kit
R&S®HZ-15	Near field probes, 30 MHz to 3 GHz
R&S®HZ-16	Amplifier, 100 kHz to 3 GHz
R&S®RTB-Z3	Carrying case



R&S®FPC1000 with R&S®HZ-15 and DUT.

Advanced measurements



The R&S®FPC-K55 adds channel power, occupied bandwidth, spectrogram display, adjacent channel leakage ratio, spectral emission mask, spurious emissions and third order intercept.



R&S®FPC1000 with R&S®InstrumentView (free application).

Rohde & Schwarz GmbH & Co. KG

Europe, Africa, Middle East | +49 89 4129 12345
 North America | 1 888 TEST RSA (1 888 837 87 72)
 Latin America | +1 410 910 79 88
 Asia Pacific | +65 65 13 04 88
 China | +86 800 810 82 28 | +86 400 650 58 96
www.rohde-schwarz.com
customersupport@rohde-schwarz.com

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