MEILHAUS ELECTRONIC

Product Datasheet - Technical Specifications

More information in our Web-Shop at ▶ **www.meilhaus.com** and in our download section.

Your contact

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Downloads:
www.meilhaus.com/en/infos/download.htm

MEasurement starts with ME.   **www.meilhaus.de**

RIGOL
Innovation or nothing

Vector Signal Analysis

Measurement Application Built-in RSA5000 Series Available as a post-purchase upgrade

What can VSA do for you?

VSA application is a comprehensive tools for demodulation and vector signal analysis. The tool can help you to explore virtually every facet of a signal and optimize your most advanced designs.

Reach deeper into signals to find the root cause of problems in time, frequency, and modulation domains. You can freely set your measurement displays to show multiple views of your signal at once , and get greater clarity with flexible arrangement and sizing.

It will cooperate with you throughout all your design cycle !

- Spectrum analysis based on Ultra Real
- I/Q waveform RF envelope analysis
- Flexible digital modulation analysis
- FMT trigger based on Ultra Real for acquisition and modulation analysis
- Measurement and analysis of wireless communication and wireless connection standards
- BER test for known signal sequences

Modulation formats

- FSK2,FSK4,FSK8
- MSK
- BPSK, QPSK, OQPSK ,DQPSK, 8PSK, π/4-DQPSK, π/8-D8PSK , D8PSK
- QAM16, QAM32, QAM64
- ASK2, ASK4

### Cellular and wireless networking

- Cellular: GSM, NADC , W-CDMA, PDC, PHP(PHS)
- Wireless Networking: Bluetooth, WLAN(802.11b), ZigBee
- Others: TETRA, DECT, APCO 25

Traces and modulation analysis quality results display

- Signal amplitude in time domain
- Spectrum
- Eye diagram
- Constellation and vector diagram
- Error vector magnitude
- Quadrature error
- Amplitude error
- Phase error

Typical Application

- Radio transmitter modulation quality analysis
- Analysis of Nonstandard digital modulation signals
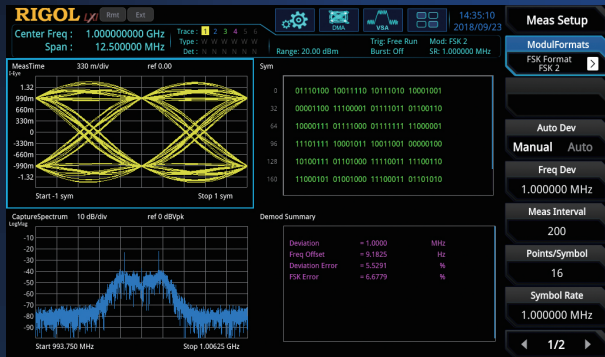
Analyze the basic type of FSK modulation signal

Standard of Wlan 802.11b

Time&Frequency domain analysis

BER statistics for known signal sequences