



Spectrum Monitoring and Management System ARGUS-IT
Your ARGUS eye on the spectrum - nothing goes unnoticed




Spectrum Monitoring and Management System ARGUS-IT Compared to the first issue of May 1999, the data sheet has been completely revised. On 20 pages a variety of components such as receivers, antennas and system software is presented. Radiomonitoring covers the spectrum from single stations to nationwide networked systems.

Data sheet PD 757.4818.22 enter 170/15

TV Trigger/RF Power Trigger FSP-B6 Option FSP-B6 makes the Spectrum Analyzers FSP suitable for analog TV measurement applications and provides a settable RF level trigger for measurements on pulsed RF signals that are used in TDMA transmission systems.

Data sheet PD 757.6433.21 enter 170/16

Harmonics Mixers FS-Z60/-Z75/-Z90 extend the frequency range of Spectrum Analyzers FSEM and FSEK, of EMI Test Receivers ESI26 and ESI40 as well as of Signal Analyzer FSIQ26. The mixers feature standardized waveguide flanges for the following waveguide bands:

- FS-Z60: 40 GHz to 60 GHz (band U)
- FS-Z75: 50 GHz to 75 GHz (band V)
- FS-Z90: 60 GHz to 90 GHz (band E)

Data sheet PD 757.6310.21 enter 170/17

GSM/EDGE Application Firmware FSE-K5 for FSP The new firmware, which can be integrated in all spectrum analyzers of the FSP family, offers the most important GSM and EDGE transmitter measurements at a keystroke.

Data sheet PD 757.6185.21 enter 170/18

EDGE Application Firmware FSE-K20 / K21 The firmware modules FSE-K20 and FSE-K21 enhance the measurement functions of firmware modules FSE-K10 and FSE-K11 by modulation measurements on $3\pi/8$ shifted 8PSK-modulated signals in line with the EDGE standard.

Data sheet PD 757.6304.21 enter 170/19

WCDMA/3GPP Application Firmware FSIQ-K72 for transmitter measurements on 3GPP base stations and modules using Signal Analyzer FSIQ.

Data sheet PD 757.6391.21 enter 170/20

Cellular Phone Production Test Platform TS7100 is a highly compact, all-in-one solution for testing mobile phones. Although the system has only a height of about 80 cm and can be placed under the conveyor belt of a production line, it includes all the essential components for the simultaneous testing of two mobile phones.

Data sheet PD 757.5737.21 enter 170/21

Bluetooth™ measurement solutions for R&D, qualification, type approval and production Compilation of the most important T&M instruments and systems from Rohde & Schwarz to perform measurements on Bluetooth™ equipment.

Flyer PD 757.5489.22 enter 170/22




Bluetooth™ measurement solutions for R&D, Qualification, Type Approval and Production

Rohde & Schwarz is an internationally active company in the fields of radio communications and test and measurement. For more than 90 years the company group has been developing, producing and marketing a wide range of electronic products for the global goods sector. The company is headquartered in Munich. With more than 8500 employees worldwide and subsidiaries and representation in over 70 countries around the world, the Rohde & Schwarz group achieves an annual turnover of around 12 billion EUR.

The company is highly export-oriented: more than 70% of the total turnover is achieved outside Germany. Due to the comprehensive know-how and the innovative strength of its employees, Rohde & Schwarz is among the technological leaders in all of its business fields.

Rohde & Schwarz is the largest manufacturer of electronic test and measurement equipment in Europe. Our T&M instruments and systems are setting standards worldwide in research, development, production and service. We are the key partner for the industry and network operators as far as all measurement tasks in the field of digital communications are concerned.

You will find the latest news on Bluetooth solutions of Rohde & Schwarz on our website: www.rohde-schwarz.com/bluetooth




Cellular Phone Production Test Platform TS7100
The new "ready to go" production tool

- One basic system platform
 - for all customary radio standards
 - for all production steps
 - functional tests
 - RF calibration
 - test tests and RF tests, acoustic tests, display tests and keypad test
 - for multi-protocol and multiband testing with Radio Communications T-aster (GSM, GPRS, EDGE)
- One simple concept
 - Comprehensive module test library for immediate use or easy customization
 - Generic system using versatile configuration based on Compact PC/FPG
 - Easy upgrade to 3rd generation products
- One cost-effective tool
 - High throughput by real parallel testing using independent ECU/IEEE test systems
 - Flexible core system for other functional, final or other tests
 - Modular and versatile hardware and software, standard feature interfaces
 - All hardware and software components based on industry standards




Facts and Figures 2001 The most important figures all around Rohde & Schwarz on 32 pages: business fields and products at a glance, plants, subsidiaries, partners plus the addresses and phone numbers of the sales offices in Germany and abroad.

Brochure PD 757.1431.27 enter 170/23

New application notes

Generating Bluetooth™ RF Test Signals with Signal Generator SMIG

Appl. 1MA31 enter 170/24

Transmitter Measurements on Bluetooth™ Modules with Spectrum Analyzer FSP

Appl. 1MA26 enter 170/25

Information in a flash:

Simply download data sheets, application notes and much more from the Rohde & Schwarz Internet pages:

www.rohde-schwarz.com

New catalogs

The new catalog "Test & Measurement Products 2001/2002" will be published in German and English at the beginning of April. Both versions will also be available digitally on the enclosed CD-ROM. Well over 300 products are described on 472 pages. The focus is on innovation for mobile radio measurement: from multi-platform Radio Communication Tester CMU through a series of new generators, spectrum and network analyzers with mobile-radio-specific modulation and analysis features to test systems for the development and production of third-generation mobile radio equipment including UMTS and Bluetooth. (PD 756.3501.27 or reader service card 170/26)



The new CD-ROM "Sound and TV Broadcasting 2001/2002" will be available as a bilingual German-English version as of March, focusing on digital broadcasting technology: Rohde & Schwarz provides a complete range of products from TV and sound broadcast transmitters of all power classes through innovative measurement technology and datacasting (Web over DTV) to coverage measurement systems for setting up digital transmission networks. A comprehensive technical annex completes the CD-ROM which can be obtained free from all local Rohde & Schwarz representatives.

NEWSGRAMS | International

T&M technology and security solutions for telecommunications and data transmission at CeBIT 2001

At CeBIT 2001, which took place in Hanover from 22 to 28 March 2001, Rohde & Schwarz presented its innovations in communications and T&M technology at stand D48 in hall 15. Plus, the company offered solutions for IT security at a separate stand (CEFIS) in hall 23. The focus was on T&M technology for Bluetooth, UMTS, GSM-GPRS and EDGE. New test equipment for optical, EMC and general-purpose measurements were also on show. Further highlights were TETRA systems, Internet access via TV as well as data and telecommunications security.

Rohde & Schwarz offers a wide variety of T&M equipment for new and future mobile radio technologies. CRTU-G and PTW 60 for instance are protocol testers for GSM, EDGE and Bluetooth. A mobile radio coverage measurement system for interference measurement plus a

complete test vehicle were on show. For optical measurements, Rohde & Schwarz exhibited several innovative devices of its cooperation partner Advantest, such as optical network and spectrum analyzers. ESPI, an EMC test receiver for the medium class, was introduced. SITLink from Rohde & Schwarz SIT GmbH is an effective tool

for the encryption of communication on leased lines. Plus, a solution for accessing the Internet via digital television technologies was exhibited. Trunked-radio equipment (TETRA) rounded off the Rohde & Schwarz presentation.

Rohde & Schwarz at EMC in Zurich

At this year's EMC in Zurich, the focus was on the new pre-compliance EMI Test Receiver ESPI (photo below). ESPI combines the precision of a test receiver and the high speed of a spectrum analyzer in a single unit. It allows



Photo 43665/10