

R&S®EVS-Z10 Test System

Fully automatic functional test, calibration and align- ment of the R&S®EVS300



75 Years of
Driving
Innovation


ROHDE & SCHWARZ

R&S®EVS-Z10 Test System At a glance

By providing the R&S®EVS-Z10 test system, Rohde & Schwarz enables its customers to calibrate and align the R&S®EVS300 ILS/VOR analyzer themselves in their own labs. Customers can thus avoid shipment time and costs as well as any customs duties that may apply.

Key facts

- Fast test run
- Automatic generation of a test report
- Intuitive operating software
- Compact and transportable rack

Fast on-site calibration and alignment

If the calibration of an R&S®EVS300 with the R&S®EVS-Z10 test system reveals that a level or frequency measurement exceeds the specified tolerances, the R&S®EVS-Z10 test system enables customers to align the out-of-tolerance instrument. To do this, the test system software automatically updates the internal parameter tables of the R&S®EVS300.

Automatic generation of a calibration report

Concurrently with the calibration, a report is generated that shows all test steps and measurement results. The report also lists the serial numbers of the R&S®EVS300, the analyzer's internal modules, and user information such as name and date. The report can be printed and/or stored.

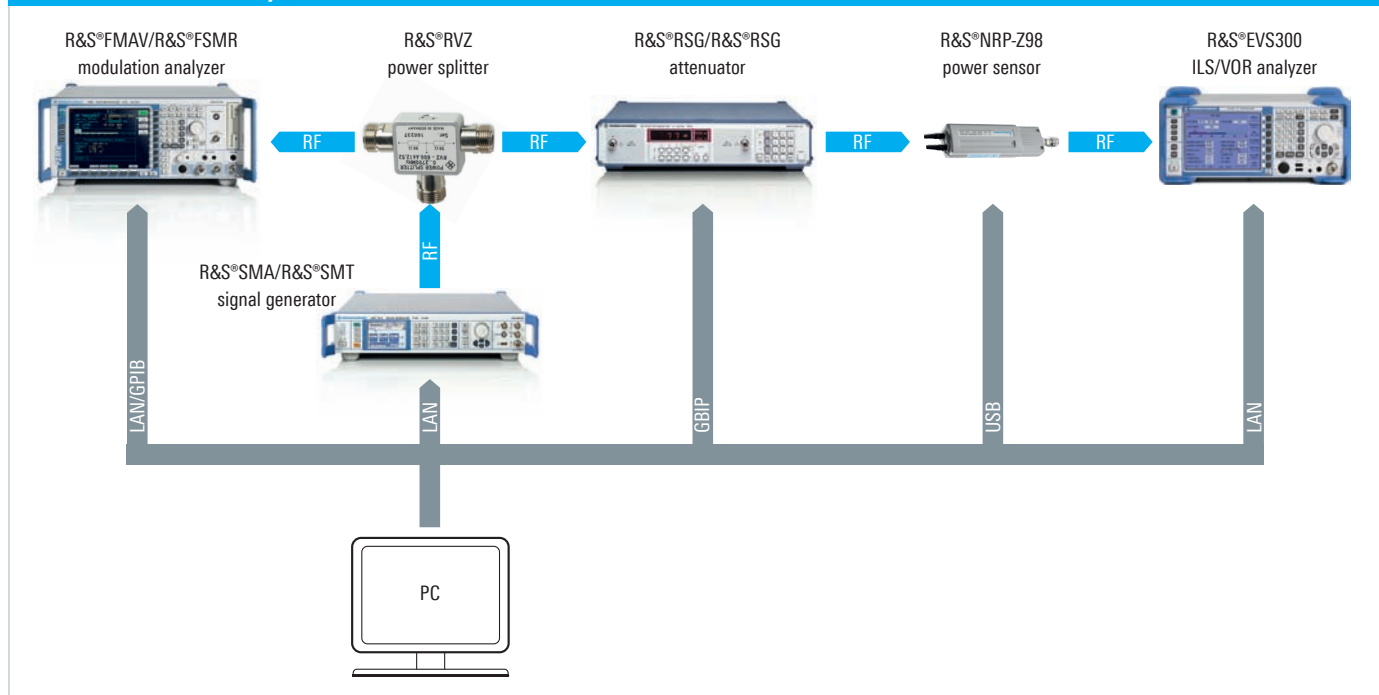
Integration of customer equipment possible

In many cases, the customer already owns the instruments included in the R&S®EVS-Z10 test system, i.e. the R&S®SMA100A, R&S®SMT, R&S®FMAV and R&S®FSMR or R&S®RSG. By enabling customers to include their existing instruments in the system, Rohde & Schwarz helps them avoid having to purchase new instruments.

Use of different reference receivers

The software of the R&S®EVS-Z10 test system allows a performance check of the R&S®EVS300. To ensure the highest possible level of flexibility, specially calibrated R&S®FMAV or R&S®FSMR can be used as reference receivers.

R&S®EVS-Z10 test system - schematic overview



Specifications in brief

R&S®EVS-Z10 test system		
Connecting a DUT		approx. 1 min
Test	R&S®EVS300	approx. 20 min
	R&S®FSMR/R&S®FMAV	approx. 20 min
Alignment	R&S®EVS300	60 min to 90 min
Operating voltage		100 V to 240 V, 50 Hz to 60 Hz
Power consumption		typ. <300 W

Ordering information

Designation	Type	Order No.
R&S®EVS-Z10 Test System <ul style="list-style-type: none"> ■ Mobile system rack ■ Test software ■ Completely preconfigured 15" notebook (incl. GPIB-USB adapter) ■ Complete set of cables ■ System integration of the measuring instruments provided 	R&S®EVS-Z10	5201.7777.02

System components

Designation	Type	Order No.
Modulation Analyzer	R&S®FSMR	1166.3311.03
Modulation Analyzer (alternative)	R&S®FMAV	0856.4509.52
Step Attenuator	R&S®RSP	0831.3515.02
Step Attenuator (alternative)	R&S®RSG	1009.4505.02
Average Power Sensor	R&S®NRP-Z98	1170.8508.02
Signal Generator	R&S®SMA100A	1400.0000.02
ILS/VOR option for the R&S®SMA100A	R&S®SMA-K25	1405.3008.02

The equipment listed here can be supplied by customers from their stock or purchased as new equipment through Rohde&Schwarz Sales. Customers may choose from one of the two modulation analyzers and step attenuators listed above.

Your local Rohde&Schwarz expert will help you determine the optimum solution for your requirements and will be glad to provide a customized quotation.

To find your nearest Rohde&Schwarz representative, visit www.sales.rohde-schwarz.com

Service you can rely on

- | In 70 countries
- | Person-to-person
- | Customized and flexible
- | Quality with a warranty
- | No hidden terms

About Rohde & Schwarz

Rohde & Schwarz is an independent group of companies specializing in electronics. It is a leading supplier of solutions in the fields of test and measurement, broadcasting, radiomonitoring and radiolocation, as well as secure communications. Established 75 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries. Company headquarters are in Munich, Germany.

Regional contact

Europe, Africa, Middle East

+49 1805 12 42 42* or +49 89 4129 137 74

customersupport@rohde-schwarz.com

North America

1 888 TEST RSA (1 888 837 87 72)

customer.support@rsa.rohde-schwarz.com

Latin America

+1 410 910 79 88

customersupport.la@rohde-schwarz.com

Asia/Pacific

+65 65 13 04 88

customersupport.asia@rohde-schwarz.com

Certified Quality System
ISO 9001
DQS REG. NO 1954 QM

Certified Environmental System
ISO 14001
DQS REG. NO 1954 UM

More information at
www.rohde-schwarz.com

Rohde & Schwarz GmbH & Co. KG

Mühlendorfstraße 15 | 81671 München

Phone +498941 290 | Fax +498941 29 121 64

www.rohde-schwarz.com

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG
Trade names are trademarks of the owners | Printed in Germany (sv)
PD 5214.2010.32.12 | Version 01.00 | March 2009 | R&S®EVS-Z10
Data without tolerance limits is not binding | Subject to change

*0.14 €/min within German wireline network; rates may vary in other networks (wireline and mobile) and countries.