

R&S®TS9982 EMS Test System



Radiated and conducted EMS measurements in line with commercial, wireless, automotive and MIL standards

The R&S®TS9982 is the base system for conducted and radiated EMS measurements. Due to its modular design, it covers a wide range of applications and can be very easily adapted to the measurement task at hand. Any configuration is possible – from conducted measurements and the small precompliance system with a compact test cell to the accredited test system for complete motor vehicles with 200 V/m. Nor do combinations of different applications or incremental expansion present a problem. All test systems are controlled by R&S®EMC32 EMC test software with its various capabilities like extensive EUT- and system monitoring. From system design and implementation to installation and training, these turnkey systems and our EMC experts provide everything from a single source, enabling the customer to concentrate on testing. A design only for conducted or radiated measurements is possible.

Covered standards (examples)

This test system covers all relevant standards for radiated and conducted commercial measurements for the different ranges of applications.

Commercial tests

- ▮ IEC/EN 61000-4-3 and -6
- ▮ IEC/EN 61000-4-20
- ▮ EN 61000-6-1
- ▮ EN 61000-6-2
- ▮ CISPR 24/EN 55024
- ▮ EN 60601-1-2

Wireless tests

- ▮ ETSI EN 301489 for all major technologies (e.g. CDMA, GSM, UMTS, WLAN, WiMAX etc.)

Automotive tests – components

- ▮ ISO 11452-2
- ▮ ISO 11452-3
- ▮ ISO 11452-4
- ▮ ISO 11452-5
- ▮ 2004/104/EC

Automotive tests – vehicles

- ▮ ISO 11451
- ▮ 2004/104/EC
- ▮ Customer-specific requirements

MIL tests

- ▮ MIL-STD-461D/462D
- ▮ MIL-STD-461E/F
- ▮ Customer-specific requirements

More information: www.rohde-schwarz.com, search term: ts9982

Monitoring possibilities with R&S®EMC32 EMC measurement software

