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## EMI Test System TS9975

### Brief description

EMI Test System TS9975 is used for all EMI measurements of conducted and radiated interference.

#### Commercial standards

- CISPR 11–22
- EN 55011–55022
- VDE 0872–0879
- ANSI-C 63.4
- FCC 15, 18
- EACL 1–8

#### Military standards

- VG 95370–95377
- DEF-STAN 49–41
- GAM-EG 13
- MIL-STD-461/462

Customer-specific adaptations to other standards or different regulations can be integrated into Test System TS 9975 without any problems.

### System configuration

The system features a highly modular hardware and software concept. Customized systems can be configured from a variety of instruments and software options. The system is a complete package of hardware and user-friendly software as well as system services so that the user will be familiar with the system within the shortest possible time.

#### Hardware

Process Controller PSM is the core of the system; it controls the complete measurement system via its IEC/IEEE-bus interface. Depending on the frequency range to be covered and the special test requirements, measurements are carried out by one or several test receivers.



Photo 40816-1

#### Hardware expansions

- Artificial Mains Networks ESH2-Z5 and ESH3-Z5
- Absorbing Clamp Slideway HCA for measurement of conducted interference
- Remote-controlled Mast and Turntable System HCM and HCT for measurement of interfering field strengths
- Relay Matrixes PSU and PSN for switching antennas and transducers
- Rohde & Schwarz test antennas

Moreover, Rohde & Schwarz can offer the integration of products from other manufacturers into Test System TS 9975, if required.

#### Software concept

EMI Software ES-K1 from Rohde & Schwarz (page 92) is used in EMI Test System TS 9975.



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