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Digital Radio Testers CTS for mobile phones

Tester family for fast and conclusive GSM and DECT measurements in service



Characteristics

Digital Radio Tester CTS – the service tester family from Rohde & Schwarz – comes in four models:

- CTS30 for mobile phones GSM900/ 1800/ 1900 remote control only (no display)
- CTS55 for mobile phones to GSM900/ 1800/1900
- CTS60 for DECT phones (portable part and fixed part)
- CTS65 for GSM and DECT

Digital Radio Tester CTS is an extremely compact, modular yet powerful measuring instrument. It combines great ease of operation and the necessary test depth for use in all service areas for mobile and cordless phones: from a simple functional test to repairs. Both the newcomer and the service specialist will be able to conveniently carry out fast automatic functional tests as well as complex and comprehensive manual measurements down to component level.

GSM measurement functions

CTS55 simulates a GSM base station and can completely control the mobile for testing purposes. The following measurements and tests can be performed by automatic test routines or manually.

- Synchronization of mobile phone with base station (which is simulated by CTS)
- Location update
- Call establish (mobile originated/ mobile terminated)
- Call release (mobile originated/ mobile terminated)
- Power Control
- Measurement of transmitter power
- Handover (channel change)

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