will'tek

Willtek 4400 Service Test Software

Reducing GSM Service Centre Costs

Fast measurements ... only 10 seconds for dual-band mobiles on six channels

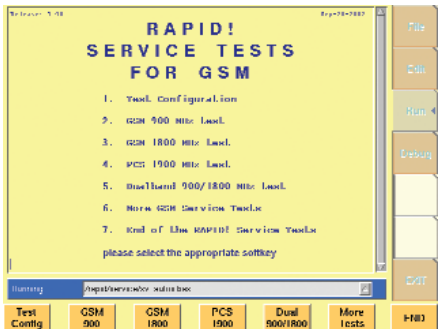
Automatic and comprehensive tests with flexibility for new systems

fast

Imagine being able to reduce your rack of fully automated test equipment ... to a single bench top unit that makes accurate RF and audio measurements using sophisticated internal automatic control.

The Willtek 4400 GSM Service Software enables just that and more: phone control using the serial AT interface for hands-off testing, defined IMSI to speed up testing without location update, and support for bar code readers allowing service and manufacturer's records to be easily updated. These and many more features are designed to make the service shop turnaround time slicker whilst meeting tight manufacturer's specifications.

The built-in intelligent test protocol automatically recognises the phone type and then offsets for coupling losses are activated. Comprensive test results come fast and can be printed, stored on the internal hard drive, or saved for specified periods. In fact our results show test times ten times faster then traditional service shop equipment ... checking 6 channels over dual band in only 10 seconds.



The RAPID! Service Test software provides easy access to the most common tests required in a service environment. Navigation is made straightforward through the use of softkeys.

easy

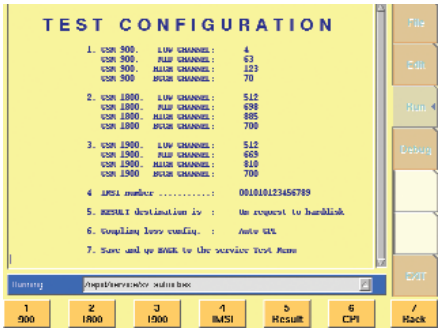
The Willtek 4400 series has rapidly established itself as a benchmark for precise and accurate measurements amongst GSM Manufactures establishing its credibility in their service organisations.

The software uses the RAPID! platform, provided as standard on 4400 series. Willtek provides a library of standard programs and if needed, you can easily modify the scripts for custom settings.

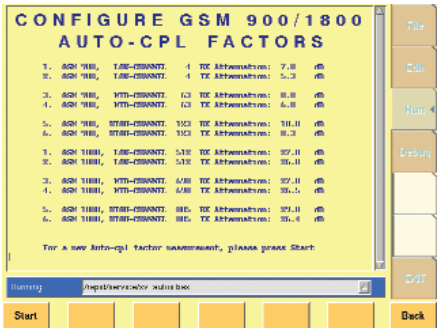
Adding features is also easy, Willtek provide options for CODEC testing , MS Power Supply and MS Current checks measurements plus up-to-date capability with GPRS measurements.

As a Service Centre or Network Customer Support Manager, you can benefit from Willtek's heritage of over 10 years experience of GSM testing and lower your costs of mobile service with a future-proof solution.

all inclusive



The test configuration allows setting of the base channel, the low, mid, high channel which are used for each individual band. In GSM 900 the channel number decides whether a GSM 850, P-GSM, E-GSM or GSM-R band is used. Besides setting channels, the user can determine here the IMSI, result destination and the coupling loss configuration. If the coupling loss configuration is set to Auto-CPL, the software will automatically detect the type approval code of the phone and from this look up in a table which values should be taken. If there is no entry in the table for this particular phone the software will perform an automatic check of the attenuation values with a "golden" phone.



After the Autocalibration feature has measured all the results along with the "golden" mobile the 4400 presents the results as they are stored under the type approval code (TAC). These values will be taken as reference once the same type of phone is tested with the 4400 Service software.

Specifications

4400 Mobile Phone Tester

Systems supported

GSM 850
P-GSM
E-GSM
GSM-R
GSM 1800
GSM 1900

Automatic tests supported

Single Band 900, 1800, 1900
Dual band 900/1800
Triple Band 900/1800/1900
Remote controlled test via RS-232

Major options available

GPRS
Multislot HSCSD
Audio
Basic Codec
Codec Extension
MS Power Supply
MS Current Measurement

Accessories

Willtek provides a full range of supporting equipment for mobile phone tests including RF Shield Box and mobile phone adapters.
See our website www.willtek.com for latest details.

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