

B T Mobile Phone Testing

Key Features of our Services

- Fully equipped Rohde & Schwarz TS8916B dual band 900/1800 MHz Simulator
- Rohde & Schwarz 900MHz GSM Full System Simulator
- Anite SAT GSM protocol tester
- Supporting ORGA SIM and B&K audio instrumentation
- Fully compliant GSM anechoic room, temperature and vibration facilities
- Continuous enhancement policy; GPRS and GSM1900 being added, EDGE and UMTS to follow
- UKAS accredited for GSM testing to TBRs 19, 20, 31 and 32
- Conveniently located in Southern England, with easy access by air, road and rail
- Active participants in the GSM MOUs Global Certification Forum (GCF) voluntary scheme
- Ability to test Satellite Personal Communications System (S-PCN) terminals to TBR41 and FCC
- Designated test house for the Globalstar consortium
- We also offer EMC and Electrical safety testing and Certification services
- Full compliance management service to help you enter overseas markets
- Competitive edge through the globally respected BABT PS MARK

GSM Handsets

We have been involved in GSM testing since the inception of the regulatory test regime. The knowledge gained by our

experienced GSM team during testing for the European terminal directives, and our participation in GSMTAAB and test case validation, means we are well placed to offer a value-added confidence, development and conformance test service for the R&TTE directive and for the GCF requirements in the voluntary sphere.

Our test facility is fully equipped with the GSM simulators, and the associated test equipment for SIM, audio, radiated emissions, temperature and vibration testing, that are required for full conformance testing of dual band 900/1800MHz terminals.

Our policy of continuous enhancement ensures that we can match our services to the changing requirements of

the GSM market and will enable us to offer GPRS and GSM1900 testing, with EDGE and UMTS in future.

The in-depth knowledge of all aspects of GSM conformance testing means that we are often able to analyse points of failure in a way that indicates possible solutions without the need for extensive reengineering.

Our flexible approach, experienced project management and our investment in additional test capacity, means we can offer a fast-track route through the conformance test process.



Satellite Handsets

BABT Product Service has accreditation to test Satellite Personal Communications Systems (S-PCN) to TBR 41. We are also the designated testhouse for the Globalstar consortium, and are fully equipped to offer all necessary test services to the manufacturers of User Terminals operating on this system. S-PCN testing can be performed to FCC and other specifications. Additional capabilities include the ability to perform safety testing, environmental simulation and EMC Testing. For satellite phones which also have GSM functionality, we can offer you everything you will need in a combined program with a single point of contact, and co-ordinated management throughout our range of services.

BABT Product Service -An Overview

BABT Product Service is a joint venture between the telecoms businesses of TÜV Product Service and BABT. With offices worldwide, and with 150 telecoms, radio and testing specialists, BABT Product Service has the ability to provide local access to world markets. BABT Product Service is committed to providing customers with testing services which keep pace with rapidly developing standards. BABT Product Service and its partners are recognised nationally and internationally through accreditation from UKAS, RvA, A2LA and DAR and designation by EU Governments as Notified and Competent bodies for the R&TTE, EMC and Low Voltage Directives.

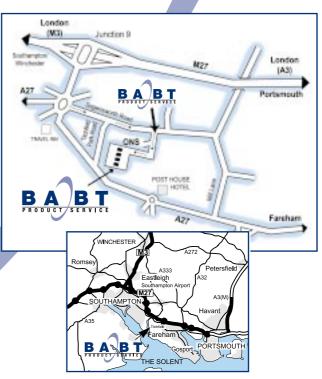
The organisation is located throughout the world with locations in USA, UK, Germany, Japan, Hong Kong, Korea and Taiwan, and access to partner offices spanning the globe. Our partner offices are also able to provide complementary compliance services, including automotive and medical testing and certification.

Additional Services

- International Compliance Management (from research to full management of all compliance functions)
- Testing (EMC, Safety, Telecom, Environmental, Medical)
- Management System Certification (ISO 9000, ISO 14000, VDA 6.1, Production Quality Certification, FQA, BABT are also a liaison member of the QuEST Forum)
- Product Certification (BABT CNC, BABT Safety Scheme)
- BABT PS MARK (allowing product and management system certifications to be placed on the one mark)
- Public Training (R&TTE Directive Update, Managing Technical Barriers To Trade, IT & Telecoms Safety, EMC Design, TL 9000, Product Liability and Electrical Safety, RF & Microwave Radiation)

Other Radio Capabilities

- Marine (We are COSPAS-SARSAT approved, and we have accreditation to test 406MHz EPIRBs & PLBs, and SARTs. Other product categories include NAVTEX receivers, liferaft radios, ship and shore SSB stations, distress radios, GPS, DSC equipment and modems)
- GSM Infrastructure (We can perform tests to ETS 300 609-1, 609-4, 342 and related national & international standards for 900MHz and 1800MHz BTSs, BSSs, repeaters and masthead amplifiers)
- Low Power Devices (We can test radio microphones, key-fobs, proximity sensors, low power RADARs, theft prevention systems, magnetic loop devices and alarm systems)
- Radio LAN (FHSS and DSSS products to ETS 300 328/826, FCC and other national standards)
- Private Mobile Radio (We have wide experience of testing analogue PMR/PBR equipment with and without tone squelch, with and without data requirements at various channel spacings and power levels)
- Paging POCSAG, FLEX or ERMES products can be conformance tested, or if you prefer, we can demonstrate compliance with network requirements on behalf of your key customers.
- Radiomark Scheme BABT Product Service are members of a new scheme which provides independent assurance that the radio products you market are independently tested and certified to a range of industry accepted standards.



Contact Customer Services at our Walton-on-Thames call centre for further information: tel: +44 (0) 1932 251200 fax: +44 (0) 1932 251201 Fareham tel: +44 (0) 1329 443300 web: www.babtps.com email: uk@babtps.com Your local partner for access to World Markets