

Regulatory Compliance and Performance Optimisation



Your partner service for multi-mode developments



Design Services

Focusing on regulatory compliance in the initial design phase of product development will reduce both time and cost prior to product release and drive a more rapid return on the R&D investment.

Design Assistance

With experience in the design, development and manufacture of multi-mode mobile products for both commercial and military customers we are perfectly placed to offer:

Practical advice for achieving compliance

- Identification of approvals requirements for geographical end-markets
- Translation of standards into product requirements specifications
- Designing for compliance from the start
- Design validation tested at each key development stage

Design assistance for ensuring optimal multi-mode performance

- System planning for radio interoperability
- Schematic and layout assistance for optimising system performance

With expertise in RF, Baseband, PCB, FPGA, Systems Integration, Coexistence and Software Applications we can ensure that your design will perform optimally and be compliant.

'Find and Fix' Failure Analysis Service

If your product has failed compliance testing our 'Find and Fix' service will identify points of failure within the design and offer practical solutions to resolve the issues as fast and as economically as possible.



Product Pre-Compliance Testing and Certification Service

Validation of compliance at the prototype stage of development can avoid costly delays in product release.

Test Service

To avoid costly delays to your product release we can test against all of the relevant international requirements. In addition, our design expertise can offer practical solutions to any identified issues to quickly and economically rectify any potential points of failure.

Tests include:

- EMC:** Emissions and immunity testing to commercial and military requirements
- RF:** R&TTE, ETSI, FCC, IC, MIL-STD and DEF-STAN

On-site Test Facilities

CTIA Compliant Anechoic Chamber

Essential for testing products for the US and increasingly European markets.

EMC Fully Anechoic Room (FAR)

Designed for EMC radiated emissions and immunity testing.

Certification Service

The certification process can be a complex and time consuming activity. Our certification services removes this burden. Our expertise and experience enables us to work with the test house to ensure the product will be certifiable. Our certification examinations include:-

- R&TTE Technical File and formal Notified Body Opinions
- FCC and IC certification
- GCF and PTCRB
- NRTL listing for safety (UL, CSA, METLabs etc)



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