

050525OBSAI launches test specifications and also integrates WiMax into RF Specification

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The Open Base Station Architecture Initiative (OBSAI) announces the availability of product compliance test documentations for the OBSAI open interface specifications. The documentation contains a full set of compliance test procedures, specifications and test cases to cover all the essential modules and interfaces of the current OBSAI specifications.

Companies can use the test specifications in their own test facilities or in independent test laboratories. The provision of test specifications is a key benefit of the OBSAI standards initiative and allows operators to have confidence that products from different manufacturers, working to the OBSAI standards, have been tested for interoperability.

WiMax

OBSAI has also shown how versatile the OBSAI open interface specifications are through the completion of work on the integration of WiMax technology into the Base band – RF interface specifications. One of the chief benefits of OBSAI's specifications is that they are air interface agnostic and are compatible with WCDMA, CDMA, GSM and GSM/EDGE technologies. The vast superiority of the OBSAI BTS architecture made it very simple to add WiMAX to the RP3 interface.

First in Industry

John S. Csapo, OBSAI Management Board, said: "OBSAI has achieved a first in the industry by creating these specifications by using our expert members across the BTS, component, and module vendor domains. True interoperability and a horizontal mode of operation are getting closer and closer. In fact, the first OBSAI components already meet the requirements of the OBSAI specifications."

He continued: "OBSAI is the only base station initiative to have built a robust set of interface specifications for key parts of the base station subsystem that can be used with GSM/EDGE, CDMA, and WCDMA air interface applications. The OBSAI BTS architecture enables less complex designs to be realised for single, or multi-mode base stations supporting GSM, GSM/EDGE, CDMA, WCDMA and WiMax."

Available to OBSAI members:

- Test specifications and procedural documents
- All versions of the Interface specifications related to the Control, Transport, Base band and Radio areas of the base station (identified as RP1, RP2 and RP3-including remote RF Head) together with a System Reference Document

- Module specifications related to the mechanics and functionality aspects of key modules, Transport, Base band and Control

Available to public:

First versions of Interface specifications related to the Control, Transport, Base band and Radio areas of the base station (identified as RP1, RP2 and RP3) together with a System Reference Document

To find out more about OBSAI or download some of the specifications from www.obsai.org.

About OBSAI

The Open Base Station Architecture Initiative (OBSAI) is a forum of 115 telecommunications companies - spanning, module, component and base station vendor activity. Together they have created both open internal interface specifications for base station architecture and module specifications covering the areas of Transport, Control, Baseband and Radio. For a list of OBSAI members and further information go to: www.obsai.org