

## Aeroflex Launches Single-box Multi-RAT Tester for Multi-mode eHRPD/LTE Handsets

Aeroflex announces the launch of a new option for the 7100 LTE Digital Radio Test Set that supports CDMA-based data standards such as Evolution-Data Optimized (EV-DO) and evolved High Rate Packet Data (eHRPD) as well as LTE-eHRPD hand-over.

As CDMA network operators migrate towards LTE, the devices used by their subscribers will need to operate with both the legacy EV-DO sectors of the network and those that have been upgraded to LTE, as well as being able to hand over seamlessly between them. Option 104 for the Aeroflex 7100 tester has been developed to allow testing of these multi-mode devices across all the standards they are required to support, and also to test hand-over between LTE and eHRPD.

The Aeroflex 7100 with Option 104 provides test capabilities for EV-DO Release 0, EV-DO Revision A and eHRPD, which is an important stepping stone in a CDMA and LTE network rollout. The deployed terminal devices will need to support all of these legacy standards, and could be required to operate in any one of the revisions of the CDMA standard. By supporting all of these standards in a single box, the 7100 provides manufacturers of both cellular terminals and chipsets with a simple unified test environment to fully test all the RATs supported by the device under test.

Applications such as throughput for EV-DO Release 0, Rev A and eHRPD can be tested with just a simple parameter reconfiguration of the 7100, without any need to change test platforms. The test system also provides support for advanced multi-RAT handoff scenarios, such as eHRPD to LTE hand-down and system selection/re-selection testing, to verify correct device provisioning.

**Source URL (retrieved on 04/16/2014 - 11:21am):**

<http://www.wirelessdesignmag.com/product-releases/2010/06/aeroflex-launches-single-box-multi-rat-tester-multi-mode-ehrpd/lte-handsets>