

# Pacific Rim Mobile Technologies unveils HSDPA capability for its industry leading WCDMA Air Protocol Analyzer

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- Pacific Rim Mobile Technologies, pioneering 3G mobile testing solutions, today unveils the 3.5G High Speed Downlink Packet Access (HSDPA) capability for its industry leading 3G/WCDMA Air Protocol Analyzer – AP6000.

HSDPA, a form of mobile broadband, is capable of transmitting data at speeds up to seven times faster than that of WCDMA. Users can enjoy large scale multimedia downloads, such as DVD quality movies and interactive multimedia games, with high-speed wireless Internet access comparable to speeds of fixed-line ADSL services.

Being fully compatible with HSDPA technology, the AP6000 Air Protocol Analyzer (APA) is the ideal tool to test the air interface between User Equipment (UE) and Base Transceiver Stations (BTS) in WCDMA/HSDPA networks.

The AP6000 allows developers, researchers and inter-operability test engineers to perform in-depth analysis of all three layers of the Uu protocol stack with a reliable, vendor independent tool. Hardware and software development time of 3G/HSPDA devices can be greatly reduced by using the AP6000. In addition, the analysis and location of problems during Inter

Operability Testing (IOT) is made much easier.

As a vendor independent testing solution, APA products have become the industry standard tool for R&D, network performance, air interface and Inter Operability Test compliance verification for the 3G networks. Currently there are more than 120 APA units being used by major 3G network operators and equipment manufacturers around the world.

Key features of the AP6000 include:

- Fully compliant with 3GPP UMTS/WCDMA specification Release '99 to Release 5
- True air interface analysis, no wired connection required to UE, BTS or Network
- Uplink (UL) and Downlink (DL) analysis
- Layer 1, Layer 2 and Layer 3 detailed information
- MAC, RLC and RRC messages
- User and Control Plane analysis

- Real-time messages decode and display of Uu interface Layer 1
- Full trace function for target UE during soft HO and Inter-Frequency HO
- InterRAT capability between GSM/WCDMA is currently under development
- Post-processing and analysis of recorded data (L1, L2 & L3)
- GSM/GPRS/WCDMA
- High Speed Downlink Packet Access (HSDPA)
- High Speed Uplink Packet Access (HSUPA) is currently under development
- Multi Band Forward Compatibility

News release

## About Pacific Rim Mobile Technologies

Pacific Rim Mobile Technologies is 'Pioneering 3G Mobile Testing Solutions' by providing best-in-class service in the areas of sales, marketing and technical support for 3G mobile technologies. Our range of products includes the industry leading ABiT Air Protocol Analyzers (APA). Pacific Rim Mobile Technologies owns the worldwide rights for the range of APA products designed and manufactured by ABiT Corporation of Japan.

Being a completely vendor independent testing solution, APA products have become the industry standard tool for R&D, performance and IOT compliance verification for the 3G networks including 3GPP/W-CDMA, HSDPA, HSUPA and GSM. Our APAs are currently being used by major mobile equipment vendors and network operators around the world.



**Pacific Rim Mobile Technologies**  
Pioneering 3G Mobile Testing Solutions

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