

**Title : An iBurst Updates**

The number of iBurst subscribers worldwide today counts excess of 140,000, with continued growth anticipated. Currently deployed in 11 nations-including Azerbaijan, South Africa, the United States, Canada, and Australia iBurst is now proven to be the successful business model as the commercially available mobile wireless broadband internet access technology.

iBurst was standardized as HC-SDMA (High-Capacity Spatial-Division Multiple Access) technology by the American National Standards Institute (ANSI) in September 2005. Also, HC-SDMA was included in the ITU-R M. 1801 Recommendation for Mobile and Nomadic Applications in March 2007 by the International Telecommunication Union (ITU).

In Russia, iBurst has granted the 'Certificate of Conformance' by the Russian Certification Authority ANO "OSSET" in September 2007. The Certificate was "for public communication network as radio access equipment for wireless data transfer within the range 1787.5 – 1802.5MHz". Prior to this certification, iBurst already grants GOST-R and Health Certificate for both Base Station and User Terminals. With the RESOLUTION issued by State Frequency Management Commission (SFMC) in October 2006 after the field trial of iBurst in Moscow that recognizes "as feasible for the usage of the band 1787.5 -1802,5 MHz by wireless access equipment", iBurst is now available solution to Russian market, and currently several discussions are undergoing for the implementation of iBurst commercial deployment.

Due to its advanced security capabilities, iBurst is used both by consumers and in special-purpose commercial applications, including monitoring, security and public safety. The system's strength lies in its low "total cost of ownership" – requiring minimal capital expenditures and low operating expenses on the part of the carrier – while delivering high performance compared to today's 3G, HSDPA or WiMAX technologies.

iBurst is an "always-on" IP-centric, mobile, high-speed wireless access system, and provides approximately 1Mbps (downlink) packet data service

per user simultaneously at a frequency band of only 5MHz. It supports VoIP with a quality level equivalent to fixed telephony. iBurst also has the capability for handover and mobility at speeds of up to 120 kilometers per hour as verified under real-world conditions in network test.

Since iBurst is classified as 3.9G with its high spectrum efficiency of maximum 6.4bps/Hz compared to that of 0.4 to 2.8bps/Hz for other 3.5G system such as HSDPA, it is now expected as the solution to the increasing wireless broadband demand for Russia, CIS, CEE as well as Baltic Countries.

See Kyocera URL : <http://global.kyocera.com> and click 'iBurst system'.

(394 words)

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