Wavesat Announces Availability of World's First 5.8 GHz WiMAX Mini-PCI Design

Mini-PCI Design for the Unlicensed 5.8 GHz Band Opens the Way for Fast Deployment of WiMAX Solutions Worldwide



Dorval, Canada, May 30 – Wavesat (www.wavesat.com), a leading designer of WiMAX 802.16d-2004 & .16e-2005 solutions announced today the immediate availability of its 5.8 GHz Mini-PCI reference design. Wavesat's 5.8 GHz Mini-PCI design is optimized to allow equipment manufacturers worldwide to rapidly bring WiMAX equipment to market.

The reference design in the form of an extended length Mini-PCI card facilitates system designs by providing a plug-andplay complete solution for the lower layer air interface and time critical low-level MAC functionality. It allows equipment manufacturers to tailor the motherboard providing the higher layer application processor and peripherals according to their

specific needs, hence providing greater flexibility and reducing development efforts.

The 5.8 GHz Mini-PCI design is a development platform supporting ODMs efforts to design WiMAXcompliant wireless devices for the 5.8 GHz unlicensed band using Wavesat's Evolutive WiMAX[™] DM256 chip. Based on the WiMAX Forum profile, the 5.8 GHz Mini-PCI design greatly simplifies the overall WiMAX CPE design, enabling customers to bring WiMAX solutions to market faster and more cost-efficiently, while allowing for flexibility to address further changes driven by the WiMAX emerging market dynamics, application diversity and customer profiles.

"Wavesat's WiMAX Mini-PCI reference designs offer OEMs and ODMs the unique opportunity to quickly develop a low BOM subscriber unit with minimum NRE investment and risk by using existing broadband CPE platforms," commented Vijay Dube, VP Marketing and Business Development for Wavesat. "Because 5.8 GHz is an unlicensed frequency band, it can be rapidly deployed by Wireless Internet Service Providers (WiSPs) around the world and especially in North America, where it is the only WiMAX Forum profile currently deployable."

Wavesat WiMAX Portfolio

Wavesat's award-winning and WiMAX Forum Certified[™] WiMAX products support both base stations and subscriber units for licensed and license-exempt radio frequencies. Wavesat provides a full-range of standards-based integrated circuits, software, and development platforms supporting IEEE 802.16-2004 and 802.16e-2005 standards.

Featuring the industry's only WiMAX Mini-PCI card and chosen by ODMs and OEMs worldwide, Wavesat's WiMAX portfolio provides effective wireless connectivity for a wide range of network sizes and coverage from urban to rural applications.

Wavesat provides solutions for each WiMAX market segment including:

- Fixed (access points, backhaul, DSL extensions) with 802.16-2004 OFDM Evolutive™ solutions
- Nomadic & Portable (fixed system to include high-speed connectivity for laptop and portable applications) with 802.16d+ OFDM Evolutive[™] products
- Full mobility with 802.16e-2005 sOFDMA UMobile™ WiBro/WiMAX product family

About Wavesat

Wavesat is a privately held fabless semiconductor company developing WiMAX chipsets, software and reference designs, enabling OEMs and ODMs to be first to market with high performance and cost effective WiMAX compliant solutions. Featuring the first WiMAX Forum certified CPE design, Wavesat

provides solutions for each WiMAX market segment from Fixed to Mobility. Please visit the company's web site at <u>www.wavesat.com</u>.