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ApaceWave Introduces APW2050 - Low-cost Mobile WiMAX SoC

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New Advanced SoC provides best value solution

FREMONT, Calif. and BEIJING, May 26 /PRNewswire/ -- ApaceWave Technologies, a developer of high-performance OFDMA solutions for the global WiMAX industry, announces availability of its APW2050 Mobile Station System-on-a-Chip (SoC).

The APW2050 supports all 802.16e mobile WiMAX Wave 2 features, including MIMO Matrix A & B, and Beam Forming. It also supports advanced release-1.5 DL/UL AMC MIMO capability. Designed using a 65nm process in a 9x9 mm package, the APW2050 is amongst the smallest, most cost-effective, low-power mobile WiMAX baseband SoC available. It contains a high-performance PHY, MAC, embedded CPU, and intelligent power management to achieve very low total system power consumption. Supported by powerful mobile station software, the APW2050 enables high-performance WiMAX solutions for various devices such as laptop computers, mobile Internet devices, and CPEs.

ApaceWave offers low-cost, manufacturing-ready reference designs for Half-Mini Cards, USB dongles, and SDIO modules. All reference designs utilize single-sided PC boards and can provide transmit output power up to 25dBm. Reference design kits come with automated test and calibration procedures for high-volume manufacturing.

Howard Chen, Chairman of **Gemtek** a leading global ODM, expressed, "ApaceWave's APW2050 meets current competitive WiMAX market requirements for cost and power consumption."

"Low-cost devices are necessary for WiMAX to be successful," said Rosemary Ho, CEO of **Global Mobile Corp**, a Taiwan WiMAX licensee, "The value and performance provided by WiMAX solutions, such as the ApaceWave APW2050, will enable WiMAX operators to provide excellent mobile broadband service."

ApaceWave is also working closely with leading consumer mobile and media device companies such as Creative Technology LTD. "We are excited to partner with ApaceWave as they bring new market-leading, cost-effective WiMAX solutions into consumer electronics," said Mr. Sim Wong Hoo, CEO, of **Creative Technology Ltd**.

"ApaceWave is fortunate to have the support of global investors with strategic value add in the consumer communications eco-system. With our Series A, we proved our abilities as a leading technology firm. Now our unique strength in Greater China ranging from development to supply-chain best practices will be augmented by the growth capital from Series B," said Gwong-Yih Lee, CEO ApaceWave.

In 2008, ApaceWave secured USD \$25M in Series B funding from series A investors, such as Venrock, DCM and HuaHong Intl, with new venture capital investors and strategic partners. APW2050 samples and reference design kits are available now.