

NEWS RELEASE

Company Contacts:

Trudy Weiser
Wavecrest Marketing Communications Manager
(952) 646-0477
tweiser@wavecrest.com

Calisa Cole
NVIDIA Corporation
(408) 486-6263
ccole@nvidia.com

WAVECREST DEMONSTRATES HIGH SPEED SIGNAL INTEGRITY ANALYSIS WITH THE NVIDIA GeForce PCX 5900 PCI EXPRESS GRAPHICS CARD AT SEMICON WEST 04

Testing demonstrates high bandwidth capabilities for PCI Express Applications

SAN JOSE, Calif. – July 14, 2004 – Wavecrest, the reference standard for accurate, repeatable and compliant signal integrity measurement instruments, and NVIDIA Corporation (Nasdaq: NVDA), the worldwide leader in visual processing solutions, today announced they are working together to demonstrate High Speed Signal Integrity Analysis testing with Wavecrest's SIA Signal Integrity Analysis Solution and NVIDIA's GeForce™ PCX 5900, a PCI Express™ graphics card, at Semicon West 04 in San Jose.

The Wavecrest Signal Integrity Analysis solution for PCI Express utilizes the company's enhanced SIA-3000 Signal Integrity Analyzer and easy-to-use GigaView™ software.

This solution includes a dedicated PCI Express software tool that tests all physical layer amplitude and timing parameters such as rise-time, fall-time, de-emphasis ratio, eye opening and Total Jitter with immediate pass/fail confirmation in one screen. The GigaView software provides additional diagnostic tools that enable the user to instantly determine the root cause of issues.

GigaView software utilizes Wavecrest's patented TailFit™ algorithm, an industry standard approved methodology for separating and identifying various jitter components and providing a true and accurate total jitter number. This unique capability allows the user to predict the future performance of a device or system to a BER of 10^{-12} or lower.

The demonstration features the Wavecrest SIA solution providing signal integrity analysis on the NVIDIA GeForce PCX 5900, an x16 PCI Express graphics card that doubles the bandwidth of the AGP 8X Bus, delivering over 4GB per second in both upstream and downstream data transfers.

“Increasing bandwidth demands in applications like PCI Express require even more critical testing methodologies so that overall device performance is ensured,” states Dennis Leisz, Wavecrest President and CEO. “NVIDIA’s GeForce PCX 5900 graphics card, with its high data transfer rates, is a perfect match for the Wavecrest SIA solution to demonstrate how comprehensive signal integrity analysis on PCI Express applications can be attained.”

"NVIDIA is pleased to be working with Wavecrest to demonstrate the capabilities of their signal integrity analysis platform," states Barry Wagner, NVIDIA Director of Technical Marketing. "Having confidence that measurements are accurate and repeatable is critical to meeting the time to market demand of our industry. Wavecrest's analysis package has helped NVIDIA deliver the most stable and complete lineup of products demanded by our customers to meet the ramp of PCI Express on time."

About NVIDIA

NVIDIA Corporation is a market leader in visual computing technology dedicated to creating products that enhance the interactive experience on consumer and professional computing platforms. Its graphics and communications processors have broad market reach and are incorporated into a wide variety of computing platforms, including consumer PCs, enterprise PCs, notebook PCs, professional workstations, handhelds, and video game consoles. NVIDIA is headquartered in Santa Clara, California and employs more than 1,900 people worldwide. For more information, visit the Company's Web site at www.nvidia.com.

About Wavecrest

Within design, characterization and production facilities worldwide, engineers trust Wavecrest solutions to meet their toughest challenges in signal integrity analysis. Wavecrest signal integrity solutions are optimized for clock and datacom applications in both lab and ATE environments. For more information, please visit www.wavecrest.com.

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