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Ellisys test equipment used to assist with WiMedia Common Radio Platform Certification

WiMedia industry leaders collaborated to develop tests used during WiMedia Platform Testing Events

Geneva, Switzerland — December 18, 2006 — Ellisys, a leading supplier of test solutions for USB, Certified Wireless USB and the WiMedia Platform, today announced that the Ellisys UWB Generator 320 is being used to run interoperability compliance test cases for WiMedia member companies engaged in platform testing events leading up to the certification of their WiMedia UWB Common Radio Platform products.

Compliance and interoperability testing is an essential step towards commercialization of standards-based products, as it ensure consumer products from various manufacturers will operate together seamlessly. It validates that the protocol implementations work properly and so new products will satisfy customer expectations. This type of testing is of particular importance for emerging communication technologies like WiMedia®, the de-facto standard radio platform for Ultrawideband (UWB) wireless networking selected by both the Bluetooth SIG and the USB Implementers Forum as the foundation radio of their high-speed wireless specifications for next-generation consumer electronics, mobile and computer applications.

Participants at these testing events have had an opportunity to investigate the interoperability and performance of their protocol implementations against test cases defined in the WiMedia Common Radio Platform Test Specification version 1.0. These test cases were jointly implemented to execute on the UWB Generator 320 by Ellisys and Staccato Communications, the only single-chip CMOS UWB company and Ultrawideband (UWB) technology pioneer. The two companies are partnered in the Team Staccato Partner Program.

Jason Ellis, Business Development and Marketing Director for Staccato Communications, said "The Ellisys frame generator and its API are compliant with the test system requirements as defined by the WiMedia Alliance's Certification & Interoperability Platform working group. We were able to combine Staccato's expertise with the platform, protocol and test scripting with Ellisys' protocol knowledge and Ultrawideband frame generator to develop the WiMedia test scripts."

The WiMedia Alliance endorses traffic generation as a test methodology that can improve UWB product quality. Mario Pasquali, President and co-founder of Ellisys, said "It's important for member companies to have a commercially-supported test platform that can help them prepare and pass certification. This will save them R&D time and will help get new WiMedia UWB-based products to market faster by reducing the number of design cycles. The availability of the test scripts and the Ellisys platform is excellent news for WiMedia member companies."



About the UWB Generator 320

The Ellisys UWB Generator 320 helps verify product and component reliability by generating reproducible traffic, timing and error scenarios. Containing a specialized processor designed specifically for WiMedia[™] Ultrawideband (UWB) and Certified Wireless USB protocols, it produces sequences of arbitrary frames with programmable inter-frame delay, and can then wait for any kind of response frame or event. The processor's instruction set enables developers to emulate Wireless USB hosts and devices as well as various WiMedia-based devices. Integrated with Ellisys' leading Ultrawideband and Certified Wireless USB protocol analysis software, users can reproduce previously-recorded scenarios, or modify them for testing corner cases and recovery mechanisms.

About Ellisys

Ellisys is a Test & Measurement company committed to the design and timely introduction of advanced protocol analysis solutions for USB devices, Certified Wireless USB and Ultrawideband. Developers have been using Ellisys' USB products and solutions for more than five years with great success. With the consumer electronics market moving toward wireless technology Ellisys proves once again its commitment to the developers' community. By providing WiMedia and Certified Wireless USB early adopters with the right tools at the right time Ellisys enables these promising markets to grow in a secure and confident manner, and ensures a rapid and wide acceptance of these technologies. For more information, please visit www.ellisys.com.

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