Verizon Wireless Selects Skycross Antennas to Enable LTE Devices Showcased at 2011 CES

SkyCross, a global designer and manufacturer of antenna solutions, announced that its high-performance antenna technologies are enabling wireless connectivity for multiple devices operating on the Verizon Wireless 4G LTE Mobile Broadband network.

SkyCross antennas are incorporated in the following devices being demonstrated in the Verizon Wireless booth at 2011 International CES: tablet computers from Acer and Cisco, a home automation control point from Ionics EMS, Inc., and additional products fostered through the Verizon Wireless LTE Innovation Center.

Antennas are a significant part of LTE devices since multifunction, multiband devices require multiple antennas for full broadband connectivity. Over the past 10 years, SkyCross has built a commercial knowledge base and an extensive portfolio of patented antenna designs and techniques for the mobile device, notebook, access point, and consumer device markets.

SkyCross Isolated Mode Antenna Technology (iMAT) is a unique, patented technology for ultra-fast broadband networks that enables a single device antenna to deliver the performance benefits of multiple antennas without creating interference issues. This technology can enable device throughputs of up to the theoretical maximum of the LTE standard. iMAT also supports up to 10 operating frequencies, including those for 3G, 2G, and Wi-Fi broadband connectivity—all within one device. This approach enables manufacturers to develop the sleek, thin, compact devices that consumers demand.

SkyCross designed an LTE MIMO antenna for the Acer tablet computer, an iMAT LTE antenna for the Cisco Cius tablet computer, an iMAT® antenna for the Ionics EMS, Inc. LTE home automation control point, and is developing additional antennas for products manufactured by companies participating in the Verizon Wireless LTE Innovation Center.

“We are delighted and honored that Verizon Wireless recognized SkyCross leadership in LTE antenna design and invited us to help enable devices on its LTE network,” said Ben Naskar, chief executive officer and chairman of SkyCross. “We know of no other radio-frequency solutions provider with the commercial technologies available to provide this service.”

The Verizon Wireless 4G LTE Mobile Broadband network, launched in December 2010, is the fastest, most advanced 4G network in the United States, providing speeds up to 10 times faster than Verizon Wireless’ 3G network. Verizon Wireless’ 4G LTE Mobile Broadband network currently reaches one-third of all Americans, with plans to expand the network to the company’s entire 3G coverage area over the

next three years.

The SkyCross-Verizon Wireless collaboration was fostered at the Verizon Wireless LTE Innovation Center. The LTE Innovation Center, established in 2008, provides an environment for diverse companies to work together to develop innovative products that leverage 4G LTE technology.

SkyCross antenna technologies will be in products highlighted from Jan. 6-9 in Verizon Wireless' booth (#35216 in the South Hall of the Las Vegas Convention Center).

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