



FOR IMMEDIATE RELEASE

## **Advantech Satellite Equipment™ Officially Launches Its Revolutionary Line of Block-Up Converters**

*Advantech Satellite Equipment™ Showcases Its Latest Line of Block-Up Converters at the NABSHOW 2009 Tradeshow in Las Vegas*

**Montreal, QC, April 22, 2009** — Advantech Satellite Equipment™, a product division of Advantech Advanced Microwave Technologies Inc., a world-leading provider of wireless broadband communications, announces today that it has officially launched its comprehensive line of revamped Block-Up Converters (BUCs). Fully operational across C, X, Ku and Ka-band frequencies, these are the industry's highest power density BUCs in terms of RF power per pound, without degradation in MTBF or performance.

The design of these units is based on Advantech's industry proven reliable solid-state high power amplifiers. The BUCs built-in design features and assembly methods coupled with efficient combining techniques result in a device with exceptional linearity and operating efficiency. The use of high-efficiency power supply and conservative thermal designs contribute to the trouble-free operation of the unit.

The high power and high linearity allows for higher data rates and higher modulation rates as specified by DVB-S2 standard. This translates in reduced OPEX cost, as the user needs less satellite bandwidth in order to transmit.

*'Our Block-Up Converters are the smallest fully integrated BUC units available on the market today. Compared to the previous generation of SSPAs, the weight and energy consumption has been reduced by at least 50% to 60%. In addition, these BUCs encompass enhanced features like Ethernet monitoring and control port and auto-ranging power supply 110/220 VAC with Power factor Correction.'*

~ Cristi Damian  
Vice-President of Engineering

Advantech Block-Up converters are presently being deployed for Government and Military programs, as well as in the Broadcast industry via a number of Satellite News Gathering Service (SNG) integrators.

Our full line of Block-Up Converters conform to CE certification and are available for delivery.

### **About Advantech Satellite Equipment™**

Advantech Satellite Equipment, a product division of Advantech Advanced Microwave Technologies Inc., strives in delivering innovative and robust satellite communication equipment ensuring connectivity as well as withstanding harsh climates and challenging circumstances. Our comprehensive designed and manufactured product lines include:



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Solid State Power Amplifiers, Block-Up Converters, Frequency Converters, Satellite Modems, Mobile Antennas and Antenna Tracking systems. Our products are deployed for government & defense, disaster recovery, commercial, maritime, and broadcast applications.

**About Advantech**

Advantech is shaping the world with leading-edge wireless broadband communication. We design, manufacture and deploy networking solutions for broadband connectivity, broadcast solutions and backhaul requirements using satellite, troposcatter and terrestrial communications.

Advantech's successful R&D program has benchmarked some of the industry's most innovative products. Our quality management system is certified under the ISO 9001: 2000 quality standard. Advantech Wireless Broadband directly, and through its subsidiaries, have offices in the United States, Canada, the United Kingdom, Sweden, Russia, Argentina, as well as in Brazil.

But Advantech is more than a global company filled with technology, and engineers. It is our belief that telecommunications shouldn't be stopped by distance, mountains or earthquakes, and that in any situation, one should be able to connect to the world. We are the wireless broadband culture.

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For more information, please visit [www.advantechwireless.com](http://www.advantechwireless.com) or visit Advantech Wireless Broadband's booth at the NABSHOW stand number C6342 at the Las Vegas Convention Center, April 20<sup>th</sup> through the 23<sup>rd</sup>.

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