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## **XICOM TECHNOLOGY ANNOUNCES NEW LIGHTWEIGHT 1250-WATT C-BAND AND Ku-BAND AMPLIFIERS FOR SATELLITE COMMUNICATIONS**

JANUARY 28, 2009 SANTA CLARA, CALIF. - - - Xicom Technology, a technology leader of high power amplifier products for satellite communication (SATCOM) announced a new lightweight high power traveling wave tube amplifiers (TWTAs) for domestic and international satellite communications. The new TWTA's operate in C-band (Model XTRD-1250CL) or Ku-Band (Model XTRD-1250KL) uplink frequencies. Customers can learn more about these new products at Xicom's booth, 308, at the [Satellite 2009 trade show](#) in Washington, March 25-27.

Xicom's new TWTA, Model XTRD-1250KL, is designed for uplink SATCOM operation within the 13.75 to 14.50 GHz Ku-Band frequency. Weighing only 115 pounds, the new rack-mount power amplifier is more than 25 percent lighter than competitive amplifiers. In addition, the Xicom amplifier saves valuable space as it occupies only 6 rack units (10.45 inches in height), as compared to competitive amplifiers which are 50 percent larger. Model XTRD-1250CL, operating in the 5.85-6.425 GHz uplink C-band, is available in the same lightweight package.

These amplifiers are the ideal solution for transmit applications where minimizing weight and space are key issues. The TWTAs deliver 1.25 kilowatts of peak power with linear rated flange power of 450 watts. Additional standard features include RF gain control, pre-distortion linearizer, solid-state pre-amplifier, cooling and M&C.

According to Walt Wood, CEO of Xicom Technology, "This new high power TWTA is targeted at the single and multi-carrier SATCOM service providers who are driven to reduce operational costs, yet meet demanding requirements for performance and reliability. This is another example of Xicom Technology's to continue to develop cutting-edge products that meet and exceed the demands of the SATCOM market."

A [Data Sheet](#) of the new XTRD-1250 TWTAs is available which includes detailed specifications, functional block diagrams and package outline drawings.

Xicom Technology, Inc., a component of [Comtech Telecommunications Corp.](#)'s (Nasdaq:CMTL) RF Microwave Amplifiers segment, was established in 1991 and is a technology leader in the development and manufacturing of high power amplifier products for worldwide commercial and military SATCOM markets. Amplifiers include traveling wave tube amplifiers (TWTAs), solid-state power amplifiers (SSPAs) and klystron power amplifiers (KPAs) operating in a wide range of communication frequencies. Amplifier products are available for fixed location and mobile applications and are packaged in rack-mount and antenna-mount ODU configurations. For additional information contact:

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