

Comtech Xicom Technology Announces Innovative Liquid Cooled HPA Products that Simplify Implementation and Maintenance

Leveraging cooling advances in computer servers, Comtech Xicom introduced a family of SuperCool™ Traveling Wave Tube Amplifiers

SANTA CLARA, CA, March 4, 2016 -- Comtech Xicom Technology, Inc., the technology leader in high-power amplifier products for satellite communications (SATCOM) uplink applications, announces completion of the initial installation and full operation of its new family of very high power SuperCool™ traveling wave tube amplifiers (TWTAs).

The SuperCool™ family of amplifiers has many practical advantages over traditional air-cooled amplifiers. Customers enjoy the following benefits: reduced heat load in hubs with flexible and more compact installation; ease of service and maintenance; higher reliability; ambient noise reduction; and gain stability over ambient temperature. The new Comtech Xicom design incorporates integrated cooling channels in the amplifier baseplate, external to the sealed high voltage and RF circuitry compartment, with drip-free connections. Elimination of the need for air flow provision dramatically simplifies hub layout and design, and provides more space for maintenance operations and additional equipment.

“Cooling technology has come a long way driven by advances in computer servers, and SATCOM systems are now able to take advantage of these reliable, low-cost products developed for data centers and integrated by Xicom into high-power SATCOM amplifiers” said John Branscum, President of Comtech Xicom Technology, Inc. “We have seen an incredible level of interest and acceptance from teleports around the globe who can solve a whole host of problems with liquid cooling. From the hottest spots to the coldest sites, operators want the improved performance and easier maintenance that our SuperCool™ liquid cooling technology offers.”

Liquid cooling is available across the high-power end of the amplifier product-line, including: the SuperPower™ 2000W Ku-band and 1500W DBS-band™ products; the 1250W Ku-band product, all 750W products, and the 500W and 250W Ka-band amplifiers. Reference cooling systems have been developed, and Comtech Xicom engineers are available to assist customers understand and specify liquid cooling systems that are the ideal solution for their SATCOM uplink requirements.

Data sheets are available at Xicom's website. Customers can see a live demonstration at the Xicom booth#1401 during SATELLITE 2016 show.

Comtech Xicom Technology, Inc., a world leader in high-power amplifiers, manufactures a wide variety of tube-based and solid-state power amplifiers for military and commercial satellite uplink applications. The product range encompasses power levels from 8 W to 3 kW, with frequency coverage in sub-bands within the 2 GHz to 45 GHz spectrum. Amplifiers are available for fixed and ground-based, ship-board, and airborne mobile applications. Please visit www.xicomtech.com for more information.

Comtech Telecommunications Corp. designs, develops, produces and markets innovative products, systems and services for advanced communications solutions. The Company sells products to a diverse customer base in the global commercial and government communications markets. The Company believes it is a leader in most of the market segments that it serves.

Certain information in this press release contains statements that are forward-looking in nature and involve certain significant risks and uncertainties. Actual results could differ materially from such forward-looking information. The Company's Securities and Exchange Commission

filings identify many such risks and uncertainties. Any forward-looking information in this press release is qualified in its entirety by the risks and uncertainties described in such Securities and Exchange Commission filings.

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