



Comtech Xicom Technology, Inc. Announces World's First 650-Watt Ka-Band SATCOM HTS Gateway Uplink Power Amplifier

May 1, 2019

SANTA CLARA, Calif.--(BUSINESS WIRE)--May 1, 2019-- May 1, 2019-- Comtech Telecommunications Corp.'s (NASDAQ:CMTL) Santa Clara, California-based subsidiary, Comtech Xicom Technology, Inc. ("Xicom"), which is part of Comtech's Commercial Solutions segment, announced today a new 650-Watt Ka-Band amplifier for High-Throughput Satellite ("HTS") gateway service.

The XTD-650KaL is a compact power amplifier designed for low cost installation and long life. Its antenna is mounted at the feed to minimize path loss. This new traveling wave tube amplifier ("TWTA") offers 150-Watts of more power than the classic 500W Ka-Band amplifier and features 215W of linear power at -19 dB Noise Power Ratio ("NPR") across the 27.5 to 30 GHz frequency range. The amplifier is available with Xicom's SuperCool™ liquid cooling, which has many practical advantages over traditional air-cooled amplifiers including reduced heat load in hubs, flexible and more compact installation, ease of service and maintenance, higher reliability, ambient noise reduction and gain stability over ambient temperature. Power combining and redundancy architectures are also available.

"Xicom's new 650-Watt peak power amplifier is ideally suited to meet the market demand for higher power uplink amplifiers in support of high-performance geostationary Ka-band gateway applications," commented Mark Schmeichel, Senior Vice President and General Manager of Xicom. "With the world's first 650-Watt amplifier, we continue to drive the market to deliver high-quality performance products and economical customer experiences."

Additional information will be available to system integrators by visiting Xicom's representatives located in Booth 1401, at SATELLITE 2019, May 6-9, in Washington, DC. Additional product information is available on Xicom's website at www.xicomtech.com.

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 52 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.

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.

PCMTL

View source version on businesswire.com: <https://www.businesswire.com/news/home/20190501005260/en/>

Source: Comtech Xicom Technology, Inc.

Financial Media:

Michael D. Porcelain
Senior Vice President and Chief Operating Officer
Comtech Telecommunications Corp.
Telephone: (631) 962-7000
E-mail: info@comtechtel.com

or

Division Media:

Eric Schmidt
Vice President - Sales
Comtech Xicom Technology, Inc.
Telephone: (408) 213-3052
Email: eric.schmidt@xicomtech.com