Ku-band block up converter designed for transportable satellite communications uplinks

Comtech Xicom Technology today introduced a new compact, lightweight and highly efficient solid-state Ku-band block up converter (BUC) designed for transportable satellite communications uplinks.

The Comtech Xicom Technology Model XTS-40KHE-B1 is the perfect solution for commercial and military users ready to take advantage of available Ku-band capacity. It offers 40 Watts of P1 output power and provides 20 Watts of linear power. Breakthroughs in efficiency enable the self-cooled, feed-mountable, amplifier to consume only 210 Watts when operated at linear power.

The new XTS-40KHE-B1 is packed full of performance features including temperature compensation, gain control, harmonic filtering, receive-band filtering, and an output isolator. All this comes in a compact outdoor unit (ODU) weighing less than 10 pounds and measuring only 11.2 inches long x 4.4 inches high x 5.4 inches wide.

John Branscum, President of Comtech Xicom Technology, Inc., said, "This new Ku-band BUC features industry-leading efficiency and is targeted at users who need compact and efficient SATCOM amplification. The new Ku-band BUC has an identical form factor to the 50W X-band BUC, providing a Ku-band option for existing X-band terminals."

A data sheet of the new XTS-40KHE-B1 BUC is available including detailed

specifications, functional block diagrams and package outline drawings. For additional information contact: Comtech Xicom Technology, Inc., 3550 Bassett Street, Santa Clara, California 95054 U.S.A., Phone: 1-408-213-3000, Fax: 1-408-213-3001, e-mail: sales@xicomtech.com [1], Web: www.xicomtech.com [2].

Source URL (retrieved on *03/08/2014 - 1:43am*):
http://www.ecnmag.com/product-releases/2012/09/ku-band-block-converter-designed-transportable-satellite-communications-uplinks

Links:
[1] mailto:sales@xicomtech.com
[2] http://www.xicomtech.com