

WAVESTREAM MEDIA RELEASE

Wavestream Announces the First in a Series of Ka-Band Solutions for LEO/MEO Gateway Market

San Dimas, California, February 20, 2019 – Wavestream, a world leader in the design and manufacture of next generation high-power solid-state amplifiers, announced today the first in a series of Ka-band solutions for LEO/MEO gateway market.



Wavestream has released an industry-leading Ka-band 160W Peak Envelope Power BUC for LEO/MEO gateway applications. The new BUC provides 65W of linear power. Leveraging Wavestream's patented Spatial advantEdge™ technology, this new gateway-focused BUC reaches power levels that could previously be achieved only by traveling wave tube amplifiers. Using the latest in GaN chips, Wavestream BUCs provide best-in-class performance with the smallest SWaP.

The 160W BUC provides major technical and operational advantages for satellite operators with global LEO/MEO constellations.

“As satellite operators move to low orbit constellations, the market is demanding innovative solutions with high volume manufacturing, to support a significant growth in the number of ground teleports,” said Bob Huffman, General Manager at Wavestream. “As the industry leader in Ka-band SSPAs, Wavestream is now at the forefront of providing new state-of-the-art solid state power amplifier technology to meet these customer needs.”

SSPA technology provides a lower total cost of ownership and far better fielded MTBF data than legacy traveling tube wave amplifiers. This enhanced reliability is a critical requirement for LEO/MEO networks with hundreds of gateways in remote locations that cannot be easily serviced.

Following this first solution, Wavestream intends to release additional lower and higher power solutions for the evolving LEO/MEO Gateway market. For further details please visit www.wavestream.com

About Wavestream

Wavestream is the industry leader in the design and manufacture of next generation satellite communications high power transceivers for In Flight Connectivity, Ground Mobility and Gateway markets. Since 2001, we provide system integrators with field-proven, high performance Ka, Ku and X band Solid State Power Amplifiers (SSPAs), Block Upconverters (BUCs), Block Down Converters and Transceivers. We design, manufacture and repair our products in-house and have shipped over 30,000 systems in the past 15 years. Wavestream products provide high quality and reliability under the harshest environmental conditions and we are currently certified to ISO 9001:2008 and AS9100D standards.

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