



## **Mission Microwave Announces New Ka-Band Products for LEO/MEO/GEO Satellite Networks**

*Industry's Fastest Growing Manufacturer of High Performance, Lightweight, Solid State Power Amplifiers for Satellite Communications announces new Ka-Band products to support multiple satellite network architectures in a single terminal design.*

Santa Fe Springs, CA and Washington, DC – May 6, 2019 – Mission Microwave Technologies, LLC, a manufacturer of highly efficient Solid State Power Amplifiers (SSPAs) and Block Upconverters (BUCs) is introducing new wide-band Ka-Band products at the SATELLITE 2019 industry event in the Walter E. Washington Convention Center Washington, D.C.

Mission Microwave has released a family of multi-band Ka-band BUCs to support LEO, MEO and GEO missions from a single switchable unit. Covering the range of 27.5 GHz to 30 GHz, these units will be electronically selectable in up to 6 bands covering current and anticipated frequency plans. The new products are enhancements to the existing product lines, which already lead the industry in high power Ka-Band BUC deployments for commercial and Government SATCOM terminals.

“Our customers presented us with the challenge of enabling a single terminal to be used on a variety of current and emerging satellite network architectures. Satellite industry customers need a well-designed approach to accommodate the changing expectations and resources available to them. Our new wideband Ka-Band BUCs enable customers to design flexible terminals that can operate on traditional GEO satellites, existing MEO networks and the much-anticipated LEO constellations that are now in the early stages of deployment.” said Francis Auricchio, President and CEO of Mission Microwave.

Additional product announcements from the company include the introduction of a 150 Watt X-Band BUC in the Javelin package. This rounds out the Javelin product family with a common mechanical and control interface for the 150 Watt X-band, the 100 Watt Ku-band and the 50/100 Watt Ka-Band. Each Javelin BUC weighs under 11 pounds and is ideal for multi-mission terminal designs needing high power tri-band capability.

At the SATELLITE 2019 event Mission will exhibit its complete product line of high power X, Ku and Ka Band amplifiers and BUCs and will have example terminal designs from key industry partners on display in booth #809. Mission products will be on display across the venue incorporated into many industry-leading products from top-tier customers' mobile and transportable terminals.

### **About Mission Microwave Technologies, LLC**

Mission Microwave Technologies brings revolutionary design for RF (Radio Frequency) and microwave electronics, supporting ground-based, airborne, and space-based applications. Using the latest in semiconductor technology, Mission Microwave's focus is to minimize the size, weight, and power (SWaP) for these critical applications, while providing its customers with the best possible reliability.

Mission Microwave sets the new standard for design, performance, and reliability.

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