



Mission Microwave Announces New Highly Integrated GaN BUCs for the Next Generation of Portable SATCOM Terminals

New Flatpack and Cube Solid State Block Upconverters enable new applications for multiple antenna configurations including flat panel, airborne and man-portable terminals

Santa Fe Springs, CA – March 11, 2018 – Mission Microwave Technologies, LLC, a manufacturer of highly efficient Solid State Power Amplifiers (SSPAs) and Block Up Converters (BUCs) announces general availability of new extremely compact BUCs in Ku and Ka Bands for use in lightweight and embedded platforms.

Mission Microwave's Flatpack BUC, available in 12 Watt Ka Band and 25 Watt Ku Band versions, re-defines the industry standard for highly integrated, low profile BUCs. The Flatpacks are only 1" thick and weigh only 1.75 lbs. They are completely self-contained with forced air cooling, a full Monitor and Control Interface, and suitable for rugged environments with an IP-67 rating.

Mission Microwave's 25 Watt Ku Band Cube BUC is already deployed on customer terminals and will be on exhibit integrated into small antenna offerings from multiple vendors at Satellite 2018 in Washington, DC on March 13 -15 and also at Convergence India on March 7 -9 in New Delhi, India. The Ku Band Cube is a ruggedized 2.5 lb, 25 Watt BUC with a full suite of Monitor and Control functions available in serial or Ethernet formats. It is extremely efficient – drawing less than 80 Watts of DC power to produce 16 Watts of linear power.

Francis Auricchio, President and CEO of Mission Microwave commented: "The Cube and Flatpack BUCs are now available to support our customers' needs for highly integrated designs. Many of the industry's lightest and smallest fly-away and man-portable terminals have already taken advantage of our efficient designs and reliable RF performance. Our customers rely on Mission Microwave to deliver on-time and to continue to evolve our product line as the needs of mobile and non-traditional SATCOM users expand in both Ku Band and Ka Band in GEO, LEO and MEO applications.

Mission Microwave will be exhibiting their products at Booth #1225 in the center of the exhibition hall. During the conference, Mission will hold a product announcement event "The New Shape of Solid State" in the Satellite Unveiled Theater in the exhibit hall at 9:30AM on Wednesday, March 14th.

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 performance and reliability.

For more information, please visit the company's website at www.missionmicrowave.com

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