

**SATELLITE 2018 Exhibitor Preview**  
**March 12-15**  
**Washington, D.C.**



**WORK Microwave — Booth 2009**

As one of the only satellite technologies providers offering an end-to-end solution for wideband applications, including an advanced modem, modulator, and demodulator, WORK Microwave enables operators to adapt to future requirements, including the next-generation DVB-S2X standard, with ease and affordability. At SATELLITE 2018, WORK Microwave will demonstrate its all-IP platform, which provides operators with increased flexibility, scalability, and a future-proof solution. WORK Microwave supports a wide range of use cases, such as outbound carrier for the HTS/UHTS/UHDS VSAT system, IP trunking, cable/fiber restoration, and HD image downloading in earth observation.

**NEW 3-Channel, V-Band Block Upconverter**

WORK Microwave will demonstrate its new 3-channel, V-band block upconverter at SATELLITE 2018. Adding support for higher frequencies, between 47.2 to 51.40 GHz, enables operators to optimize the use of Ultra High Throughput Satellites (UHTS).

V-band support is available for WORK Microwave's entire range of frequency converters, including IF, block, and tracking. As one of the industry's first SatCom solutions providers to support the full V-band spectrum, WORK Microwave leads the industry in helping satellite operators expand their capacity to keep pace with the demanding communications requirements fuelled by bandwidth-intensive broadcast and data services. The new V-band upconverter is perfect for early laboratory testing and has already been requested by global satellite operators to support secure, high-performance communications projects.

**Photo Link:** [www.202comms.com/WorkMicrowave/WORKMW-VbandUpconverter.png](http://www.202comms.com/WorkMicrowave/WORKMW-VbandUpconverter.png)

**Photo Caption:** WORK Microwave 3-Channel V-band Block Upconverter

**A-Series AX-80 Wideband All-IP Platform**

WORK Microwave's AX-80 Series of FPGA-based satellite modem, modulator, and demodulator platforms will be a key highlight at SATELLITE 2018. The AX-80 product line is based on a powerful architecture that supports the new DVB-S2X standard for ultra-wideband transponders up to 500 Mbps. DVB-S2X features include higher modulation schemes up to 256APSK, a finer granularity of ModCods, and advanced filtering. Beyond DVB-S2X, the AX-80 platform can be extended to customized waveforms and user-defined data processing. Through an all-IP structure, the platform supports native network operation as well as data streaming over IP, providing satellite operators with the flexibility that is absolutely critical in today's fast-changing connected world.

**Photo Link:** [www.202comms.com/WorkMicrowave/WORKMW-Aseries.png](http://www.202comms.com/WorkMicrowave/WORKMW-Aseries.png)

**Photo Caption:** WORK Microwave AX-80 All-IP Platform

## **Company Overview:**

### **About WORK Microwave ([www.work-microwave.com](http://www.work-microwave.com))**

Headquartered in Holzkirchen (near Munich), Germany, and comprised of four operating divisions —Satellite Communication, Navigation Simulators, Defence Electronics, and Sensors and Measurement — WORK Microwave leverages over 30 years of experience to anticipate market needs and apply an innovative and creative approach to the development of frequency converters, DVB-S2/S2X equipment, and other digital signal processing technologies while maintaining the highest standards for quality, reliability, and performance.

WORK Microwave's Satellite Communication division develops and manufactures high-performance, advanced satellite communications equipment for telecommunications companies, broadcasters, integrators, and government organizations that are operating satellite earth stations, satellite news gathering vehicles, fly-aways, and other mobile or portable satellite communication solutions.

**Link to Word Doc:** [www.202comms.com/WorkMicrowave/180221WORKMW.docx](http://www.202comms.com/WorkMicrowave/180221WORKMW.docx)

All trademarks appearing herein are the property of their respective owners.

#### **Agency Contact:**

Anna Bandurska  
202 Communications  
Tel: +31 646 852 080  
Email: [anna@202comms.com](mailto:anna@202comms.com)

#### **Company Contact:**

Lisa Hayes  
Marketing Communications Manager  
Tel: +49 8024 6408 25  
Email: [lisa.hayes@work-microwave.com](mailto:lisa.hayes@work-microwave.com)

#### **WORK Microwave**

Raiffeisenstrasse 12  
Holzkirchen, 83607  
Germany  
[www.work-microwave.com](http://www.work-microwave.com)