



Company Contact: Ian Shearer 702-896-3337 ian.shearer@vadatech.com
VadaTech, Inc. www.vadatech.com

VadaTech presents a Base Board for Wideband Massive MIMO Software Defined Radio at MWC19

Henderson, NV – February 15, 2019 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [ATC500](#). The ATC500 is an AdvancedTCA Blade with two XCVU13P FPGAs and multiple ADRV9009 for Wideband Massive MIMO Software Defined Radio. The FPGAs can be used to implement MIMO PHY processing including FFT, channel estimation, FEC en/decode and MU-MIMO beamforming. Applications include: secure airborne radio with eavesdrop defeat and simultaneous jamming; recording and playback of sixteen 200 MHz RF paths per blade; fixed wireless access by massive MIMO spatial multiplexing; 5G/LTE/4G networks. When fully populated, each ATC500 supports 16T16R TDD or 8T8R FDD, frequency agile from 300 MHz to 6 GHz, with on-board synchronization, calibration and phase alignment across all RF ports.

VadaTech will present the ATC500 at the 2019 MWC Barcelona (MWC19) in Barcelona, Spain on February 25th – 28th. MWC19 is the largest mobile event in the world, bringing together the latest innovations and leading-edge technology.

Please visit Stand 8.0J21 at MWC19 to see the ATC500 and discuss its capabilities.

About VadaTech

[VadaTech](#) provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on AdvancedTCA, MicroTCA, VPX and PCIe solutions, the company offers unmatched product selection and expertise. A unique combination of electrical, mechanical, software, and system-level expertise, enables VadaTech to provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech has headquarters, design and manufacturing facilities in Henderson, NV with design, support and sales offices in Europe and Asia Pacific.

VadaTech, Inc. www.vadatech.com 198 N. Gibson Henderson, NV 89014