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### **VadaTech Announces a two new FMC's with 75 MHz to 6 GHz Dual Versatile Wideband Transceivers (MIMO)**

Henderson, NV – October 2, 2020 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [FMC238](#) and [FMC239](#). Both FMC's are a FPGA Mezzanine Card (FMC) per VITA 57.1 standard. These low powered units boast a small footprint and utilize the ADRV9009 highly integrated, wideband RF transceiver.

The FMC238 uses a single ADRV9009 to provide dual transmitter, dual receiver and dual observation receiver. The FMC239 uses two ADRV9009 to provide quad transmitter and quad receiver, but without the observation receivers.

The ADRV9009 features dual channel Transmitters (TX) and Receivers (RX) with integrated synthesizer and digital signal processing functions. Each complete RX and TX subsystem includes DC offset correction, Quadrature Error Correction (QEC), and programmable digital filters. The transceivers also provide Automatic Gain Control (AGC) and flexible external gain control modes, allowing significant flexibility in setting system level gain dynamically. The FMC238/239 operates within the 75 MHz to 6.0 GHz frequency range, covering most licensed and unlicensed bands. The clocking is via the front panel or an internal clock. This makes the FMC238/239 an ideal choice for the development and/or deployment of advanced RF solutions.

The VadaTech family of Multiple Input Multiple Output (MIMO) modules are the most versatile FMCs of this type on the market.

#### **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.

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