



Company Contact: Dan Marland 702-896-3337 [dan.marland@vadatech.com](mailto:dan.marland@vadatech.com)  
VadaTech, Inc. [www.vadatech.com](http://www.vadatech.com)

### **VadaTech Announces an FMC with 14-bit @ 2.5 GSPS DAC**

Henderson, NV – INSERTDATE, 2024 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [FMC221](#). The FMC221 is an FMC per VITA 57 specification and it has a single DAC 14-bit at 2.5 GSPS. The DAC converter utilizes the Analog Devices AD9739.

The FMC221 is designed for synthesizing of broadband signals, with enhanced linearity and band flatness performances.

#### Dynamic performance

- 8 QAM carriers @ 400 MHz IF –71 dBco
- 16 QAM carriers @ 400 MHz IF –68 dBco
- 32 QAM carriers @ 400 MHz IF –65 dBco
- 72 QAM carriers @ 600 MHz IF –61 dBco

Additionally, the FMC221 provides a Clock input so the sampling rate could be synchronized to an external device as well as TRIG IN/OUT with two GPIO. Please consult with VadaTech Sales to discuss specific ordering options.

#### **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](http://www.vadatech.com) 198 N. Gibson Henderson, NV 89014**