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FOR IMMEDIATE RELEASE

Bliley Introduces the second product in the Olympian Family of Oscillators – the Zeus Series OCXO – Superior Phase Noise Performance in a Modular type Package, with customer specified Frequency Output Customization

Bliley’s Zeus series OCXO features ultra-low phase noise performance with excellent temperature stability in a modular package. The Zeus series can be provided with a customer specified frequency of operation between 30 MHz and 130 MHz. Designed for demanding applications requiring superior noise performance out to a 100 KHz offset, the Zeus series is well suited for: Phase-Locked Microwave Signal Sources such as DROs, Low noise test equipment, Frequency Synthesizers, Microwave Communication Systems, and Radar Applications.

ERIE, Pa. (February 6, 2012) – Bliley Technologies, Inc., a worldwide leader in crystal controlled frequency generation solutions, introduces the “Zeus” Series OCXO series featuring unparalleled phase noise performance in a modular type sealed package.

The design engineers will find excellent frequency versus temperature stability, design flexibility with customer specified frequencies between 30 MHz and 130 MHz. This particular model can also be provided with mechanical frequency adjustment for up to +/- 3ppm which will more than compensate for the 20-year aging performance of +/- 1.5 ppm.

With an 80-year operational base, Bliley is in a rare position of being one of the few U.S. companies that still performs onsite quartz crystal manufacturing for custom oscillator designs, such as the Zeus OCXOs. Bliley's Zeus series oscillators will be manufactured in the USA at the company's Erie-based facility.

The mini-chart below depicts available options as related to worst case phase noise performance at 100MHz:

Offset Frequency	Option A (dBc/Hz)	Option B (dBc/Hz)	Option C (dBc/Hz)	Option D (dBc/Hz)
10Hz	-103	-100	-95	-90
100Hz	-133	-130	-125	-120
1000Hz	-160	-157	-155	-153
10000Hz	-174	-172	-172	-170
100000Hz	-178	-176	-175	-174