# Bliley Launches New GPS Frequency and Timing Modules at MTT-S

Bliley Technologies, a worldwide leader in crystal controlled frequency generation solutions, is slated to unveil two GPS frequency and timing modules at the 2011 IEEE MTT-S International Microwave Symposium.

Bliley's GMX1001 and GMM1002 GPS modules launch a new product line for the company — introducing the first in a series of next generation technologies. The Bliley GMX1001 GPS module is customizable for high performance systems, allowing design engineers to specify "frequency versus temperature stability" and "holdover stability with time" for flexible design and cost saving benefits. The GMX1001 GPS module from Bliley is suited for applications such as satellite, test & measurement equipment, frequency distribution systems and wireless base stations.

Bliley's low cost GMM1002 GPS module features compact size, a simple interface and excellent holdover, making it ideal for WiMAX and LTE wireless systems. A brief review of module features includes:

Bliley's GMX1001 GPS Module:
• Flexible time and frequency reference module
• Different oscillator choices for design flexibility
• Compact size
• Provides 10MHz and 1pps
• Excellent phase noise and holdover capabilities
• Outputs synchronized to GPS
• 5VDC and 12VDC supply options
• UART Port with NMEA protocol for monitoring

Bliley's GMM1002 GPS Module:
• Small form factor time and frequency reference module
• Provides 10MHz and 1pps
• Configured with two external references
• Outputs synchronized to GPS
• Excellent phase noise and holdover capabilities
• 3.3VDC and 5VDC supply options
• UART Port with NMEA protocol for monitoring

To view complete online specifications, visit: www.bliley.com/index_GPS.html [1].

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http://www.wirelessdesignmag.com/news/2011/05/bliley-launches-new-gps-frequency-and-timing-modules-mtt-s?qt-most_popular=0

**Links:**
[1] http://www.bliley.com/index_GPS.html