



Testing Results

Leap Second Testing

Model Name: bc627AT

Firmware: DT10010 rev. B / DT10012 rev. B

Date Tested: November 2008

The following leap second testing results provide time of year information across the boundary between December 31, 2008, and January 1, 2009 (UTC time). This includes, but is not limited to, handling of the time information provided via the unit's output ports.

Note: since 2008 is a leap year the leap second will be added at the end of the 366th day.

Firmware revisions that were shipped in all bc627AT boards before October 2008 (versions DT10010 rev. A and DT10012 rev. A) have an anomaly that has caused a leap second to be added to the board's clock at the time the GPS pending leap second bit was set, in July 2008. If no action is taken by the user, the board's time will again be correct after midnight (UTC) on December 31, 2008. Between July and December 31st, 2008, the board's time will be 1 second behind of the correct time.

In order to upgrade to revision B firmware, which corrects the above issue, please contact Symmetricom's technical support group by filling out a support request on the following page:

<http://www.symmetricom.com/support/online-support/technical-support-request/ttm-tech-support-request/>

Symmetricom is not responsible for the correct processing of this information by any external program or device, only the transition from the year 2008 to the year 2009 as provided by the unit's output ports.

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