



Support Bulletin

Integrated Technologies
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NOTICE ON GPS WEEK NUMBER ROLLOVER OCCURRING APRIL 2019

Trimble BD9XX and BX9XX GNSS Receivers

A GPS week rollover will occur at the end of the GPS day on April 6, 2019, at which time the GPS week will transition from week 2047 to 2048. However, because the GPS message structure broadcasted by the satellites defines the week at a 10-bit value, the GPS messages will indicate that the week has changed from 1023 to week 0.

Trimble BD9XX and BX9XX receivers with firmware greater than 2.32 will handle this rollover without any issues.

Trimble has performed tests using a GNSS simulator to verify that the receiver firmware correctly handles the week rollover in different scenarios, including Autonomous, SBAS, DGPS, RTK and GNSS/INS positioning modes.

Trimble always recommends installing the latest receiver firmware version posted to the Trimble website. Go to <https://www.trimble.com/Precision-GNSS/InTech-Receivers.aspx> and select the appropriate product. The firmware can be found under the support tab.

