GNSS Firmware v5.5.2

Release Notes

August 2023

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Supported Products

Systems
- Topcon NET-G5, HiPer CR, HiPer VR, HiPer HR
- Sokkia GCX3, GNR5, GRX3

OEM
- Topcon B111, B111a, B125, B210

Accompanying Topcon Software and Firmware

- To access all new features and improved functionality available in GNSS Firmware 5.5 or later the following Topcon software versions (or later) are recommended:
  - TRU v3.6.1 or above
  - MAGNET v8.0

Features and Changes

General

- Fixed GCX3 operation from external power source when battery is removed
- Fixed application of minimal satellite mask setting when logging def2 message set
- Fixed handling of NTRIP Username for NET-G5 receiver

Satellite Tracking & Positioning

- Improved compatibility of GLONASS bias when receiving RTCM corrections from 3rd part base stations
- Improved RTK performance when using GPS and GLONASS corrections
- Enabled tracking of QZSS J4 (PRN 196) by default
- Improved hot start for B210 board
- Improved Wide Lane Ionosphere Free (WLIF) mode in AMP