

# GSG GNSS Simulator Services

GSG-5 or -6 series GNSS simulators offer a unique combination of power, flexibility and ease-of-use. Still, the testing of positioning, navigation and timing applications through the combination of a GPS receiver, other sensor data and software can be complex in such a fast moving technology area. That is why Spectracom offers services so you get the most out of your GPS and GNSS testing programs.



## Annual Service Plan (OPT-ASP)

The annual service plan offers comprehensive support of your simulator investment through a combination of entitlements during the service plan period.

- Unlimited phone and email support during business hours
- New release notification
- Access to all new standard software features
- Free annual performance check and calibration
- Complete coverage for repairs
- Loaner units available if a return is necessary



## Simulator Calibration (Calibration/GSG)

The recommended factory calibration interval is two years.

- Performance check and adjustment if necessary
- Upgrade to current standard features

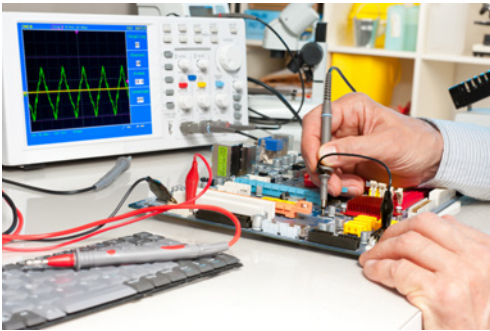


## Training, Installation and Start-up Assistance (OPT-INST)

Enjoy the benefit of a Spectracom engineer at your site as you start, or enhance, your GPS test program. Typically, we quote a fixed price for 1-day matched to your needs.

Available on-site services

- GNSS signal training
- Product training
- Applications development
- One-on-one or group settings



## Precision Timing Calibration (OPT-TIM) Precision Timing Calibration (OPT-TIM)

To support testing of time transfer via GPS, a simulator's offset between the 1 PPS output and GPS on-time point can be characterized to 100 picosecond resolution and 350 picosecond uncertainty. The unit is delivered with a test report. (GSG-64 only)

- For applications that need better than the standard <10 nanosecond offset between the 1 PPS output and GPS on-time point



## Assisted GNSS Testing (OPT-AST)

We offer a specific service to support the integration of GNSS RF signal simulation into A-GNSS test systems. We guide and support your software development with dedicated assistance during integration and initial testing to leverage capabilities of the simulator:

- Creation of 3GPP compatible GPS/GNSS scenarios
- Management of almanac and RINEX files for multi-GNSS constellations