



Borowiec, 26.11.2014

CALIBRATION CERTIFICATE 10/2012

Astrogeodynamical Observatory Space Research Centre (SRC) certifies that:

- From November 21st 2014, 00:00 UTC, till November 25th 2014, 06:00 UTC the following set of instruments supplied by:

Piktime Systems Ltd
company having its registered office at:
Cytrynowa 22, 62-002 Poznań, Poland

was calibrated by a **Common View** method at the Time and Frequency Laboratory of the Observatory:

- TTS-4 receiver, s.n. 142,
 - RingAnt-G3T antenna, s.n.: 00455,
- The calibration was carried with respect to the main GPS/GLONASS s.n. 112 TTS-4 receiver at the Observatory.
 - The s.n.112 receiver was several times calibrated against traveling receivers from BIPM Time Section.

The calibration yielded the following results:

Differential delay of the calibrated receiver:

GPS, L1C: -35.65, RMS: 0.60 ns

GLONASS, L1C: -244.21, RMS: 1.40 ns

Note:

The system was calibrated without original antenna cable

After the calibration, the obtained results were implemented into the receiver.

POLSKA AKADEMIA NAUK
Centrum Badań Kosmicznych
OBSERWATORIUM ASTROGEODYNAMICZNE
w Borowcu
62-035 Kórnik, tel. Poznań (61) 8170-187
fax (61) 8170-219

Dr Jerzy Nawrocki
Head, Time and Frequency Department
Astrogeodynamical Observatory, Space Research Centre, Polish Academy of Sciences
Ul. Drapałka 4
62-035 Kórnik
Borowiec, Poland
Phone: +48 61 8170-187, fax: +48 61 8179-219, E-mail: nawrocki@cbk.poznan.pl