



Borowiec, 27.12.2016

CALIBRATION CERTIFICATE 10/2016

Astrogeodynamical Observatory Space Research Centre (SRC) certifies that:

- From November 24st 2016, 14:50 UTC, till November 28th 2016, 09:18 UTC the following set of instruments supplied by:

Piktime Systems Ltd
company having its registered office at:
Mazowiecka 59, 62-035 Poznań, Poland

was re-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: -32.65, RMS: 0.67 ns

GLONASS, L1C: -241.43, RMS: 0.97 ns

Note:

The system was calibrated without original antenna cable

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

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