





CALIBRATION CERTIFICATE 03/2015

Astrogeodynamical Observatory Space Research Centre (SRC) certifies that:

- From February 27th 2015, 00:10 UTC, till March 04th 2015, 05:38 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. 150,
- RingAnt-G3T, s.n.: 00645,
- Antenna cable assembly (TTS4-150),
- 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: -32.64, RMS: 0.50 ns

GLONASS, L1C: -241.41, RMS: 1.50 ns

Antenna cable assembly TTS4-150: 144.02, RMS: 0.5 ns

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

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