

Calibration Report No. 2005-2017/UFE

Laboratory of the National Time and Frequency Standard
(Designated Institute of the Czech Metrology Institute)

Instrument: Name: **GNSS Time Transfer Receiver**
Type: GTR 51
SN: 1704143

Antenna: Type: NOV-703-GGG
SN: NEG17170032

Antenna Cable: Type: Belden 50Ω LOW LOSS H155 PVC
Length: 30 m

Reference: Signal: 1 PPS and 10 MHz signals of UTC(TP) generated from
the Cesium clock 5071A SN 1227
Receiver: GPS Time Transfer Receiver GTR 50, SN 002,
calibrated by BIPM

Measurement Date: 23 May 2017, 00:00:00–23:59:59 UTC

Measurement Results:

1. Internal Receiver Delays:

GPS L1 C/A: (-22.3 ± 0.5) ns
GPS L1P: (-26.9 ± 1.0) ns
GPS L2P: (-29.2 ± 1.0) ns

Measurement performed by: Alexander Kuna, Ph.D.

Attachment: Graphs with measured values.

Prague, 24 May 2017

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