

Calibration Report No. 2007-2019/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: 1901007

Antenna: Type: Novatel GNSS-850
SN: NMLK18480066P

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 55, SN 1541941,
calibrated by BIPM, Cal. ID 1102-2017

Measurement Date: 7 March 2019, 00:00:00–23:59:59 UTC

Measurement Results:

Internal Receiver Delays:

GPS L1 C/A: (26.8 ± 1.0) ns
GPS L1P: (26.8 ± 1.0) ns
GPS L2P: (25.7 ± 1.0) ns

Measurement performed by: Alexander Kuna, Ph.D.

Attachment: Graphs with measured values.

Prague, 11 March 2019

INSTITUTE OF PHOTONICS AND ELECTRONICS
ASCR, v.v.i.
(1)
Chaberská 57, 182 51 Praha 8, Czech Republic



Alexander Kuna, Ph.D.
Head of the LNTFS