ÚFE Institute of Photonics and Electronics
The Czech Academy of Sciences

Calibration Report No. 2003-2017/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:	1704141
Antenna:	Type:	NOV-703-GGG
	SN:	NEG17070062
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:		14 May 2017, 00:00:00–23:59:59 UTC

Measurement Results:

1. Internal Receiver Delays:

GPS L1 C/A:	(-23.0 ± 0.5) ns
GPS L1P:	(-25.9 ± 1.0) ns
GPS L2P:	(-26.9 ± 1.0) ns

Measurement performed by: Alexander Kuna, Ph.D.

Attachment: Graphs with measured values.

Prague, 15 May 2017

.....

Alexander Kuna, Ph.D.
Head of the LNTFS

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