ÚFE Institute of Photonics and Electronics
The Czech Academy of Sciences

Calibration Report No. 2004-2017/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:	1704142
Antenna:	Type:	NOV-703-GGG
	SN:	NEG17130019
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:		17 May 2017, 00:00:00–23:59:59 UTC

Measurement Results:

Internal Receiver Delays:

GPS L1 C/A:	(-21.5 ± 0.5) ns
GPS L1P:	(-26.1 ± 1.0) ns
GPS L2P:	(-29.5 ± 1.0) ns

Measurement performed by: Alexander Kuna, Ph.D.

Attachment: Graphs with measured values.

Prague, 18 May 2017

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