

**FEDERAL AGENCY  
FOR TECHNICAL REGULATION AND METROLOGY  
FEDERAL STATE UNITARY ENTERPRISE  
ALL-RUSSIA SCIENTIFIC AND RESEARCH INSTITUTE OF PHYSICAL,  
TECHNICAL AND RADIOTECHNICAL MEASUREMENTS  
FGUP VNIIFTRI**

CALIBRATION CERTIFICATE

Measuring instrument (name and type):  
Combined receiver of standard signals (GPS/GLONASS)

Serial № 001 06

Belonging to: Republican Unitary Enterprise BELGIM, Belarus.  
*Name of legal (physical person):*

Designation of calibration method:  
Method of calibration of specialized time equipment  
KNS

Traceability of calibration results to the state standards of Russian Federation. Calibration is carried out using the State primary standard of the unit of time — second, unit of frequency — Hertz and national time scale (GET 1-98). Equivalency of GET1-98 is certified by key comparisons CCTF-K2001.UTC

Valid values of metrological characteristics according to calibration results are provided on the back side of the certificate.

Other data according to the agreement on calibration carrying out:

Calibration is carried out at the following influence factor values:

Ambient temperature: 21 °C;

Relative humidity, not more than 80%;

AC-voltage: 22 V

Head of department		Kostromin V.P.
--------------------	--	----------------

Scientist-keeper of NSTF	Signature	Full name Pushkin S. B.
--------------------------	-----------	----------------------------

Verifier	Signature	Full name Koshelyaevsky N.B.
----------	-----------	------------------------------------

Date of calibration	Signature	Full name
Calibration stamp	<u>03.06.2008</u>	
	_____	SKN 0034342

## CALIBRATION RESULTS

Valid values and uncertainties of measurements of metrological characteristics according to calibration results

Julian date	[Local Clock -GPS] VNIIFTRI TTR6 [Local Clock -GPS] BelGIM SPES GPS/GLONASS ns	Expanded uncertainty at coverage factor 2, ns
54623-54626	0.3	14.6

Julian date	[Local Clock - GLONASS] VNIIFTRI K-161 [Local Clock - ГЛОНАСС] BelGIM SPES GPS/GLONASS ns	Expanded uncertainty at coverage factor 2, ns
54623-54626	6.2	22.2

Verifier \_\_\_\_\_

Date \_\_\_\_\_