



सी एस आई आर-राष्ट्रीय भौतिक प्रयोगशाला
(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद)
CSIR-NATIONAL PHYSICAL LABORATORY
(Council of Scientific and Industrial Research)



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CALIBRATION CERTIFICATE

अंशांकन प्रमाण पत्र:

GPS Time Sync System

Certificate No./प्रमाण पत्र संख्या
14050126/D4.03/C-001

Date/ दिनांक	Recommended date for the next calibration अगले अंशांकन हेतु अनुशसित तिथि	Page/पृष्ठ	No. of Pages/पृष्ठों की संख्या
08.06.2014	08.06.2015	One	one

1. Calibrated for : M/S SERTEL Electronics Pvt.Ltd,
377,Nehru Nagar,1st cross st.,
Old Mahabalipuram road,
Chennai-600096

Party's Ref. No GB/PD/201
Dated :01.04.14
2. Description and Identification:
of Item Under test : GPS Time Sync. System
Sertel/T-GPS-300 series
3. Environmental Condition : Temperature.: $(23 \pm 2)^{\circ}\text{C}$
R Humidity $(50 \pm 10) \%$
4. Standard(s) used : i) Cesium Beam Freq. Standard
Uncertainty $\pm 9 \times 10^{-13}$
5. Traceability of Standard(s) : The standard(s) used for
used : calibration is traceable to National
Standard
6. Principle/Methodology of : Comparison with National Standard
Test & Calibration procedure : Procedure No.D#4.03/Doc.3/CP#04
number
7. Result : Average value with respect to
UTC(NPLI) 0.187us

Expanded Uncertainty +6.360e-08

The reported uncertainty is at coverage factor of k=2 which corresponds to a coverage probability of approximately 95% for a normal distribution

8. Date(s) of Calibration : 09.05.14 to 08.06.2014

9. Remarks : Nil

Calibrated by:
अंशांकनकर्ता :

Checked by:
जाँचकर्ता :

Scientist-in-charge:
प्रभारी वैज्ञानिक

Issued by:
जारीकर्ता :
डॉ. वी. के. गुम्बर
Dr. V. K. Gumber

