

PPP with IGS Products

Tour de l'IGS – 3rd Stop

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Mike Coleman Naval Research Laboratory

PPP – Consistency is of ultimate importance

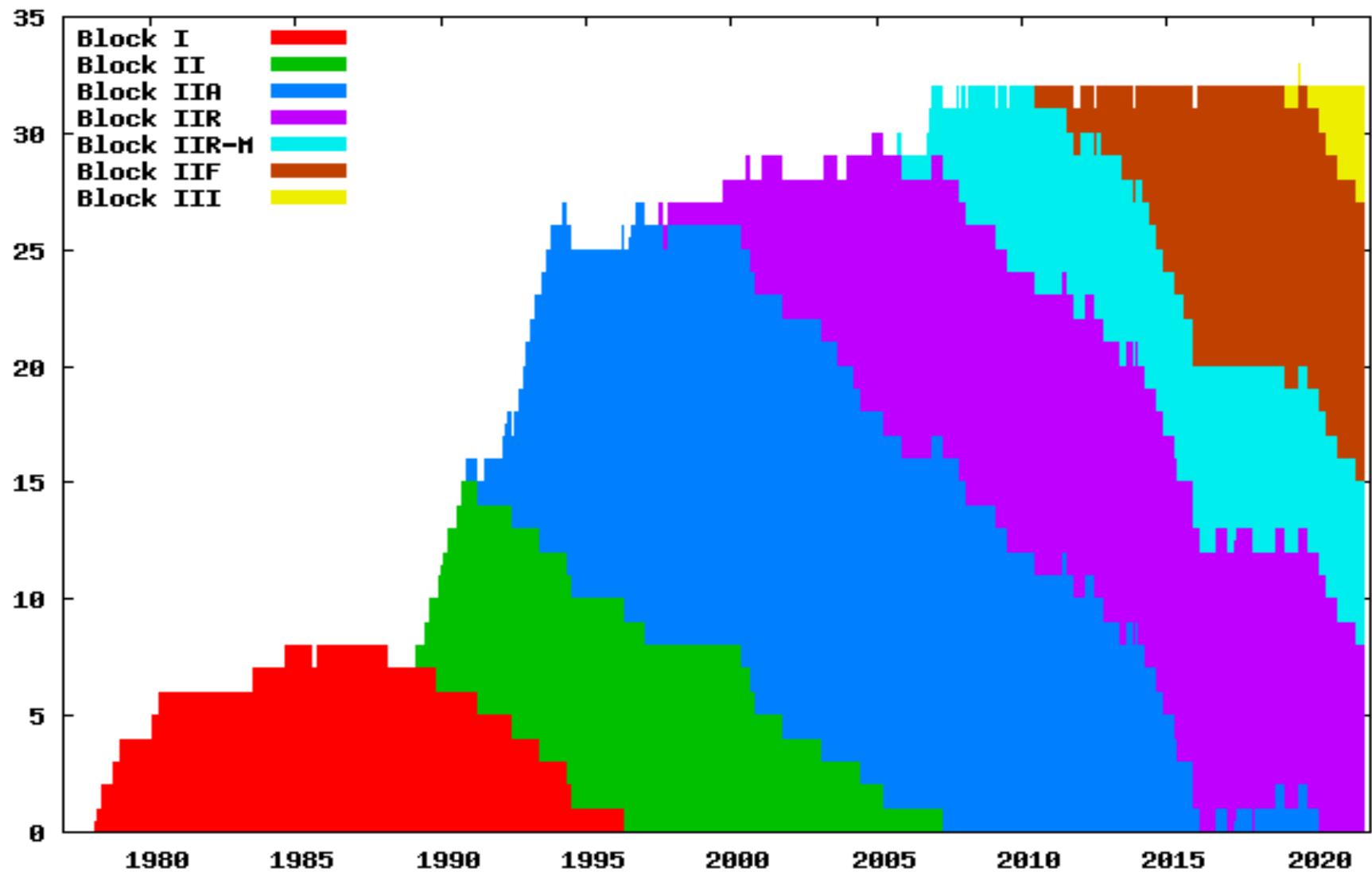


GPS

Modernization

Better clocks

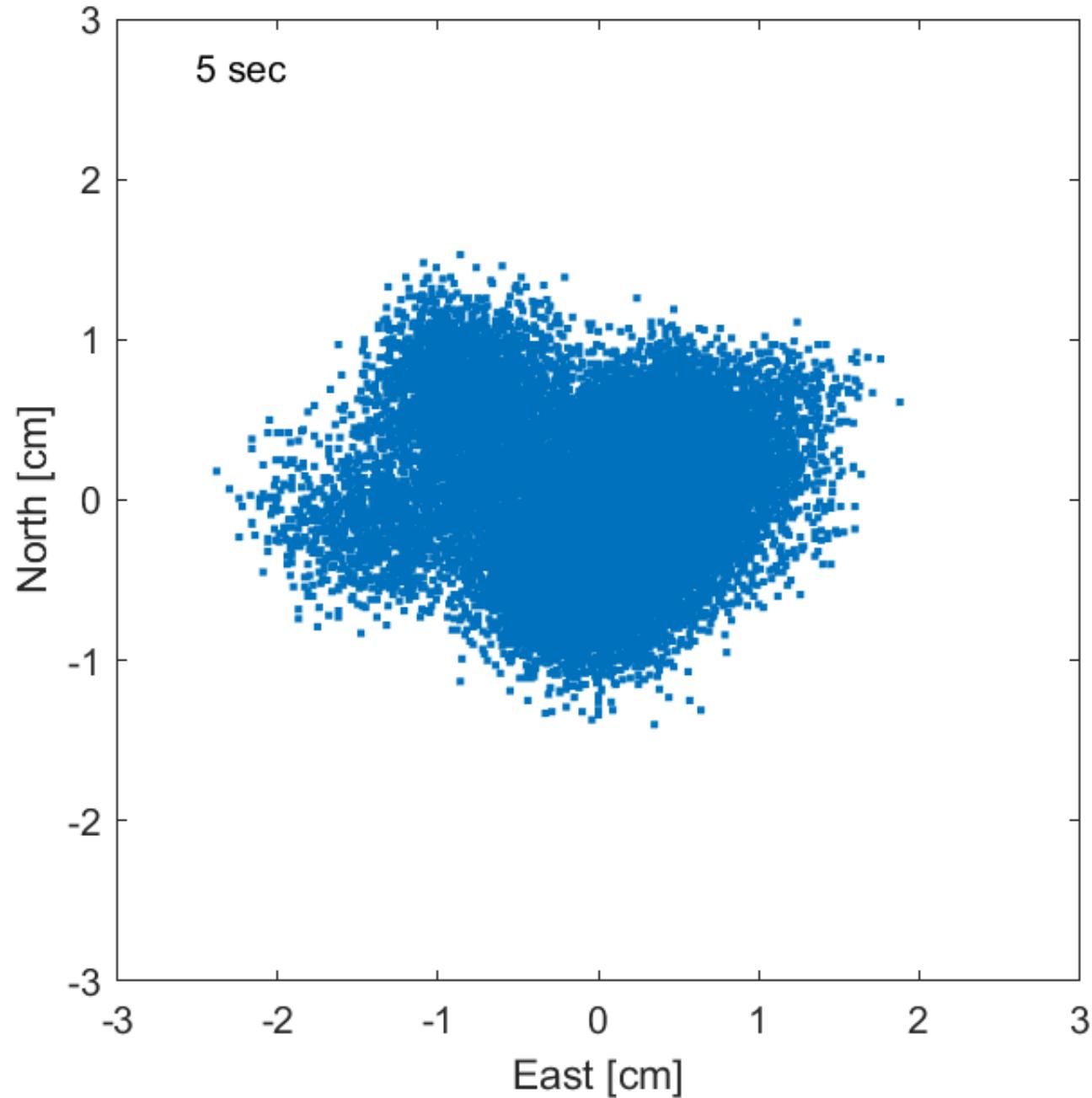
Relevant for PPP?



INTERNATIONAL
GNSS SERVICE

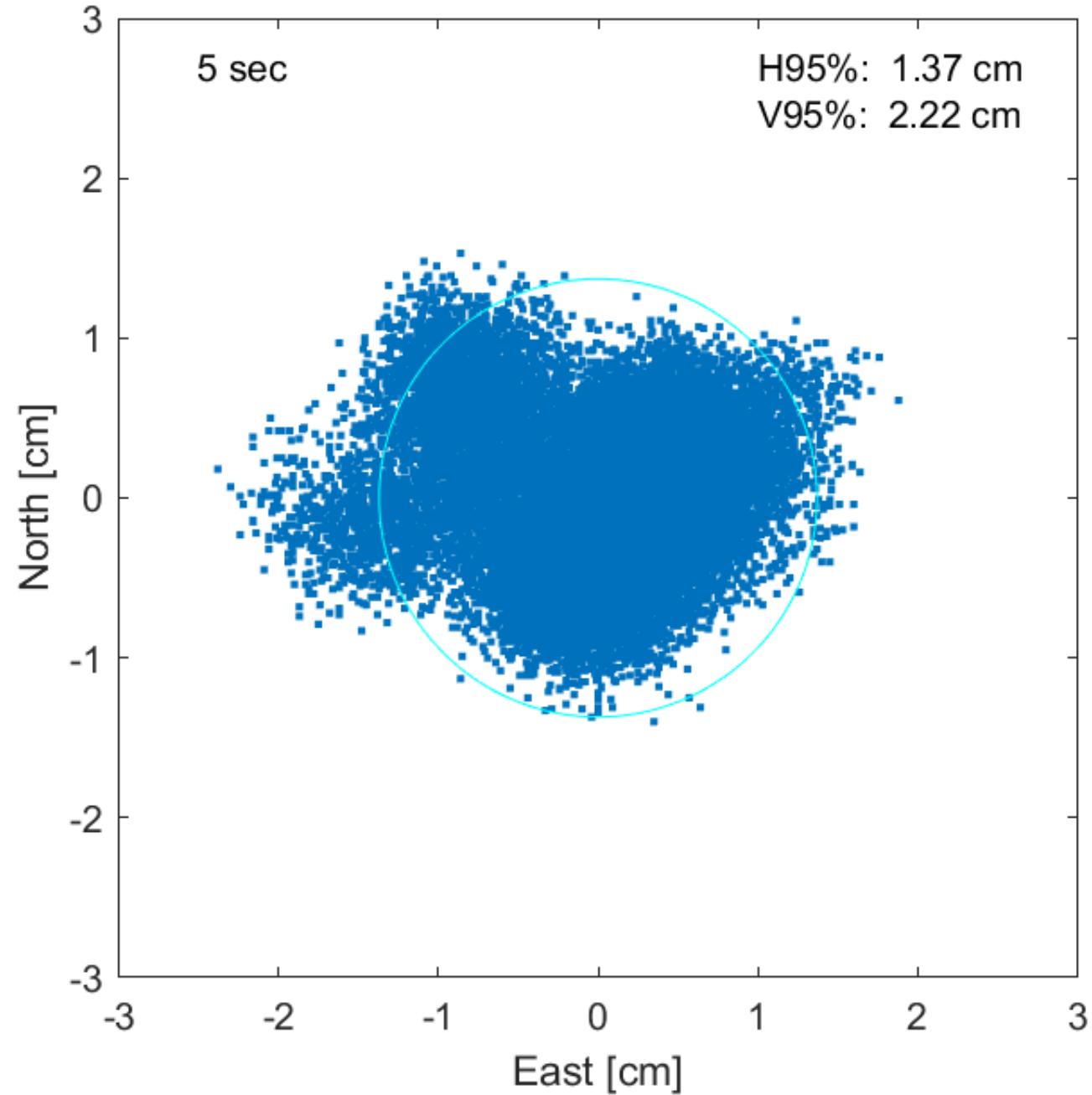
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
5 sec interpolation



WTZ3

1 Hz RINEX file
kinematic PPP, 7h
5 sec interpolation

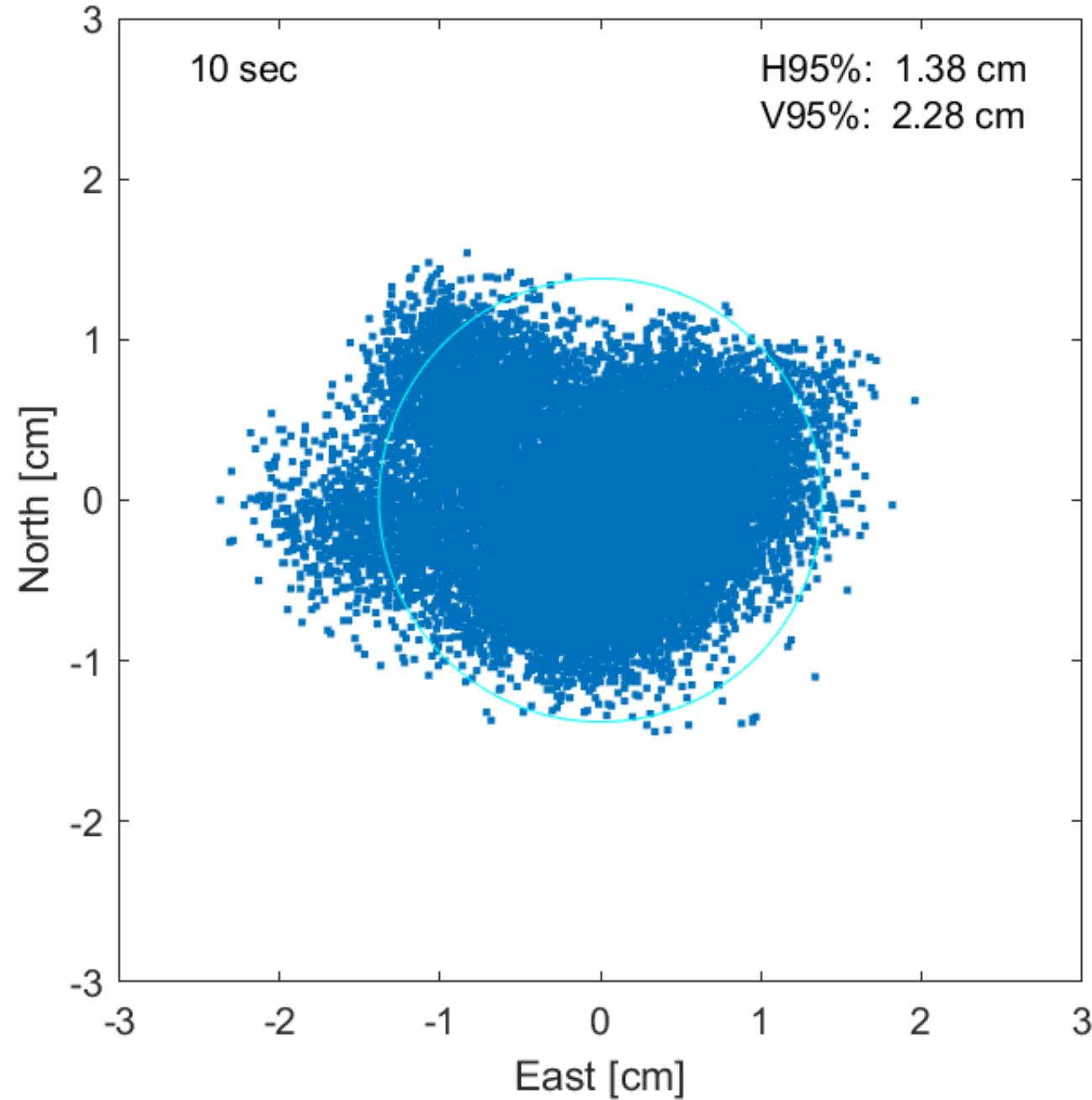


WTZ3

1 Hz RINEX file

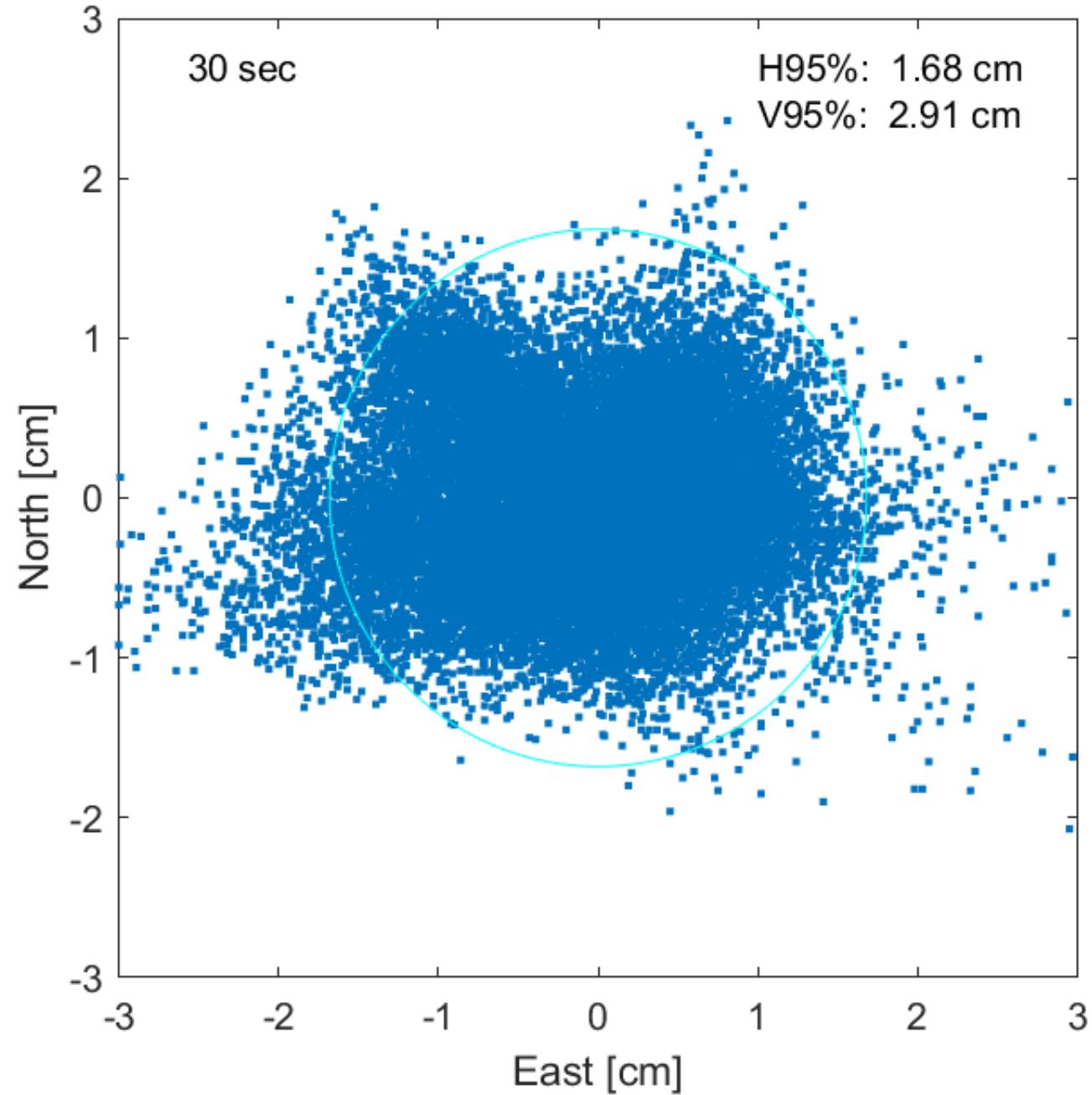
kinematic PPP, 7h

10 sec interpolation



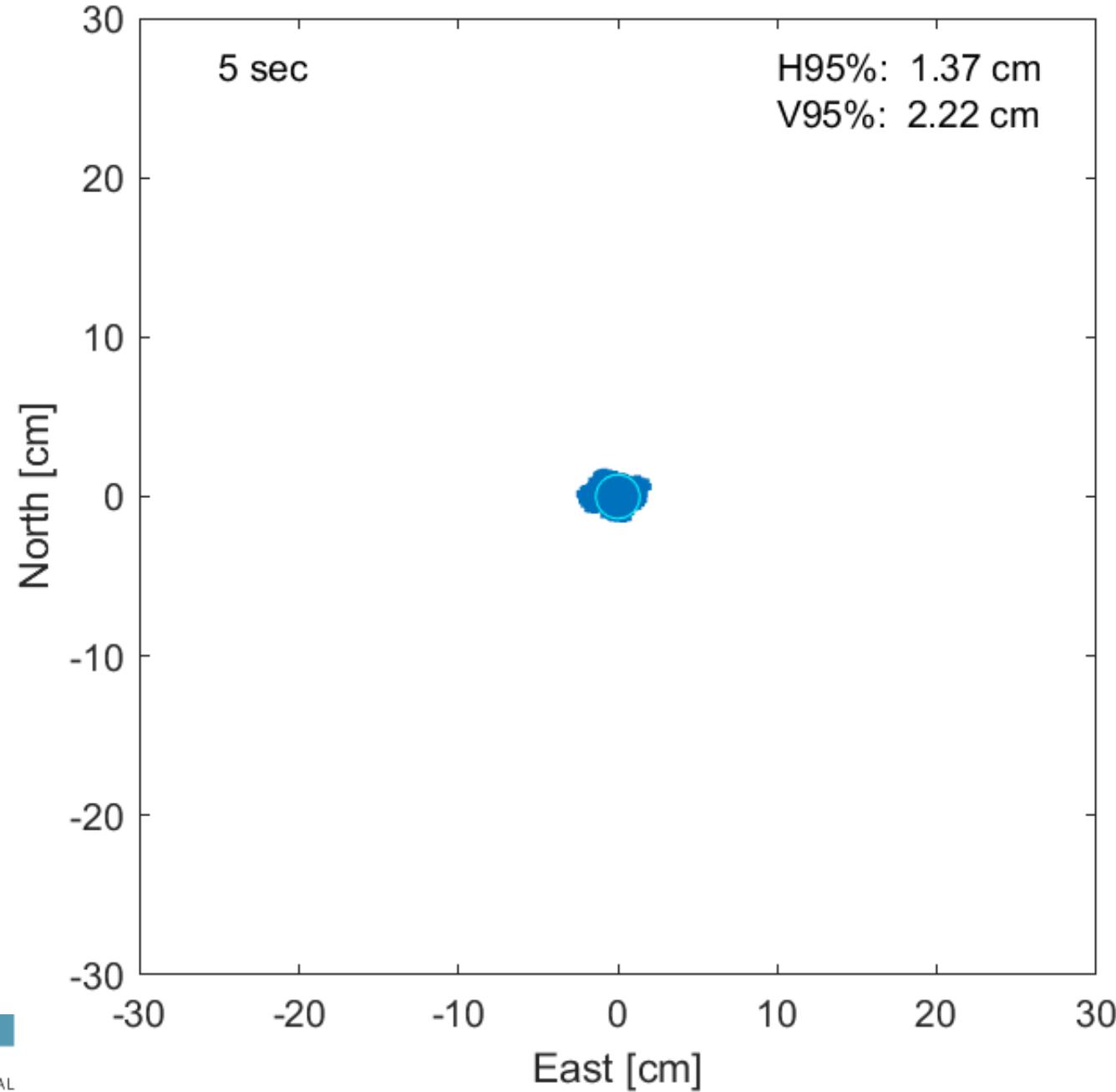
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
30 sec interpolation



WTZ3

1 Hz RINEX file
kinematic PPP, 7h
5 sec interpolation

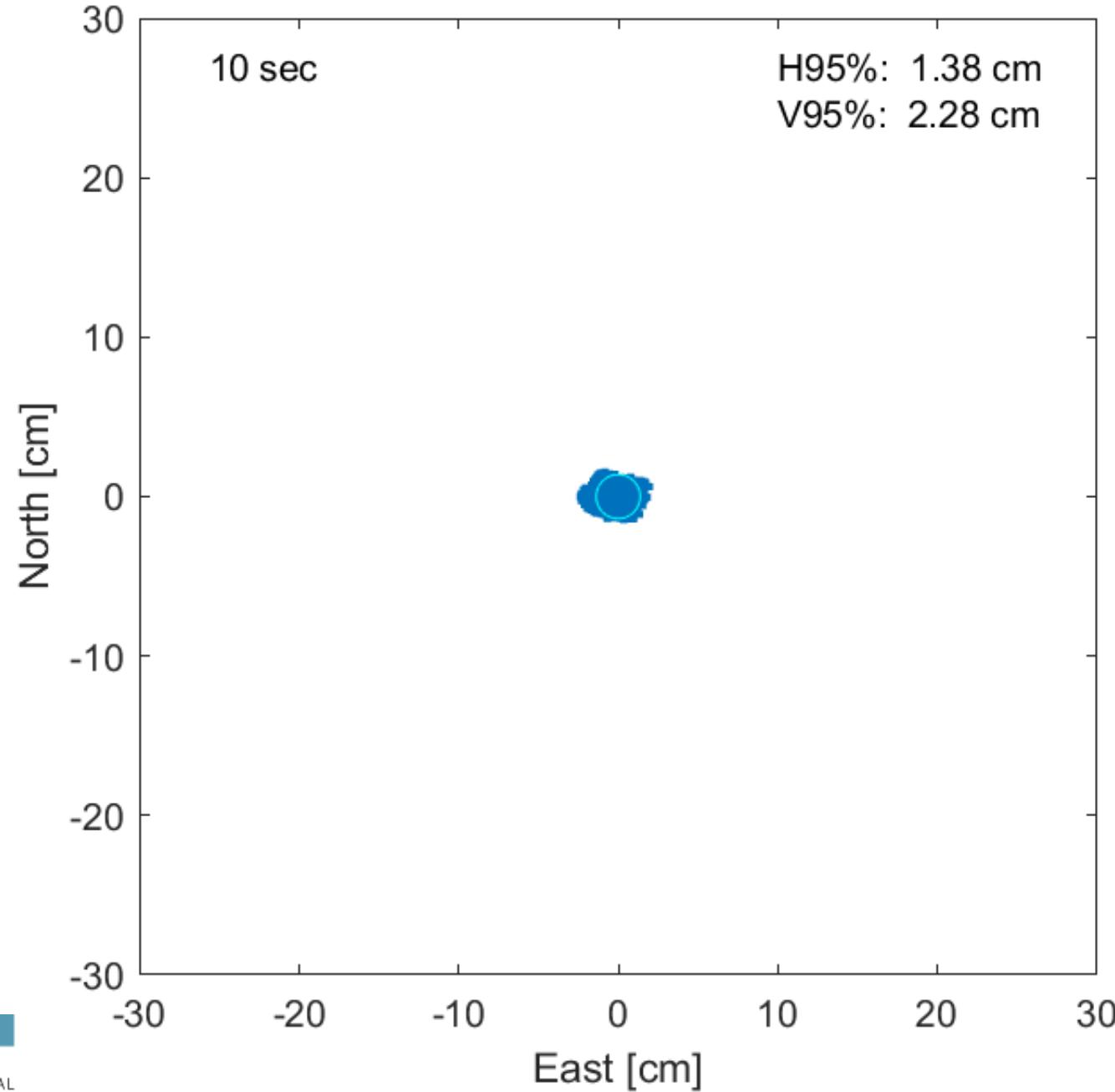


WTZ3

1 Hz RINEX file

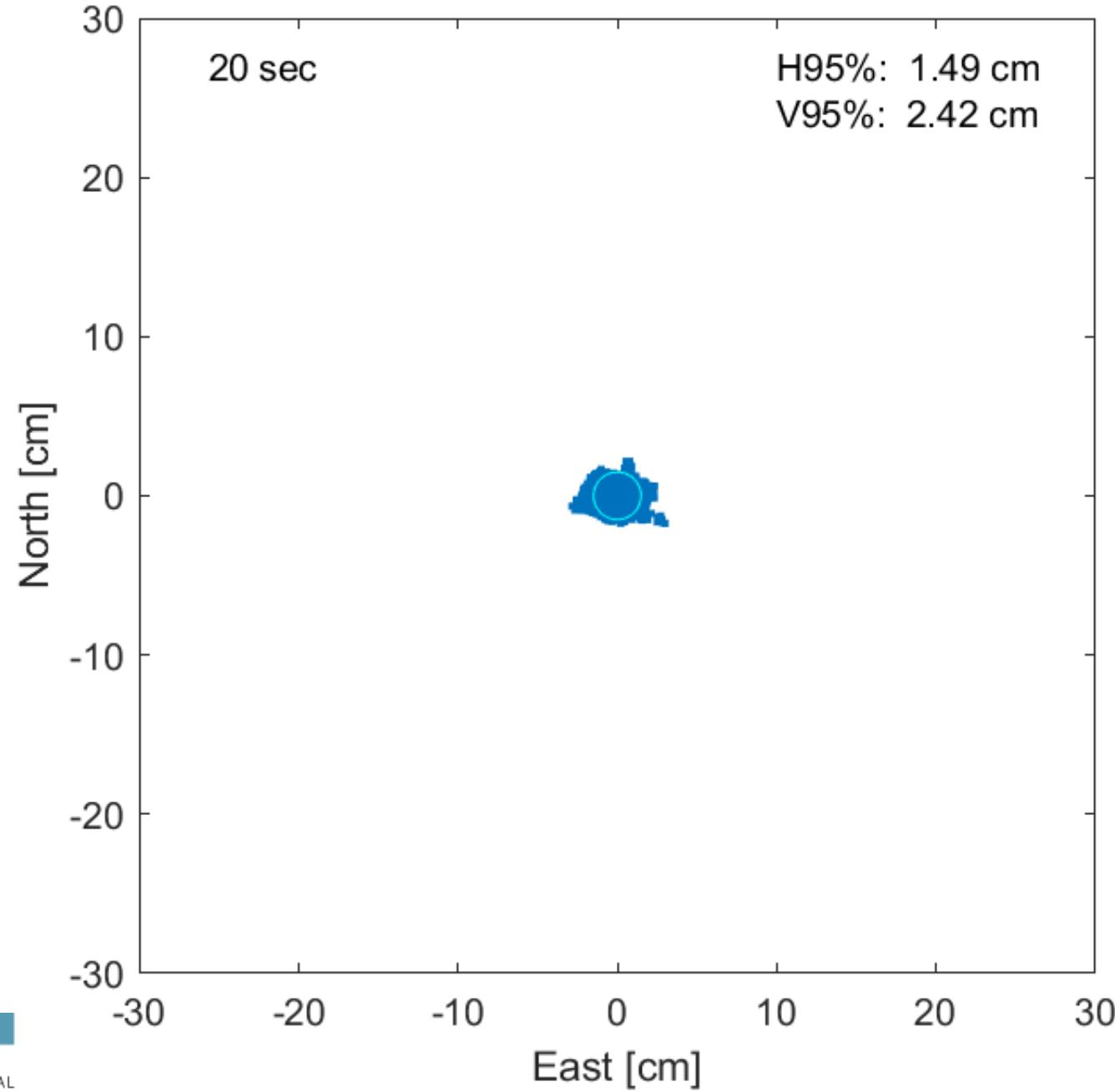
kinematic PPP, 7h

10 sec interpolation



WTZ3

1 Hz RINEX file
kinematic PPP, 7h
20 sec interpolation

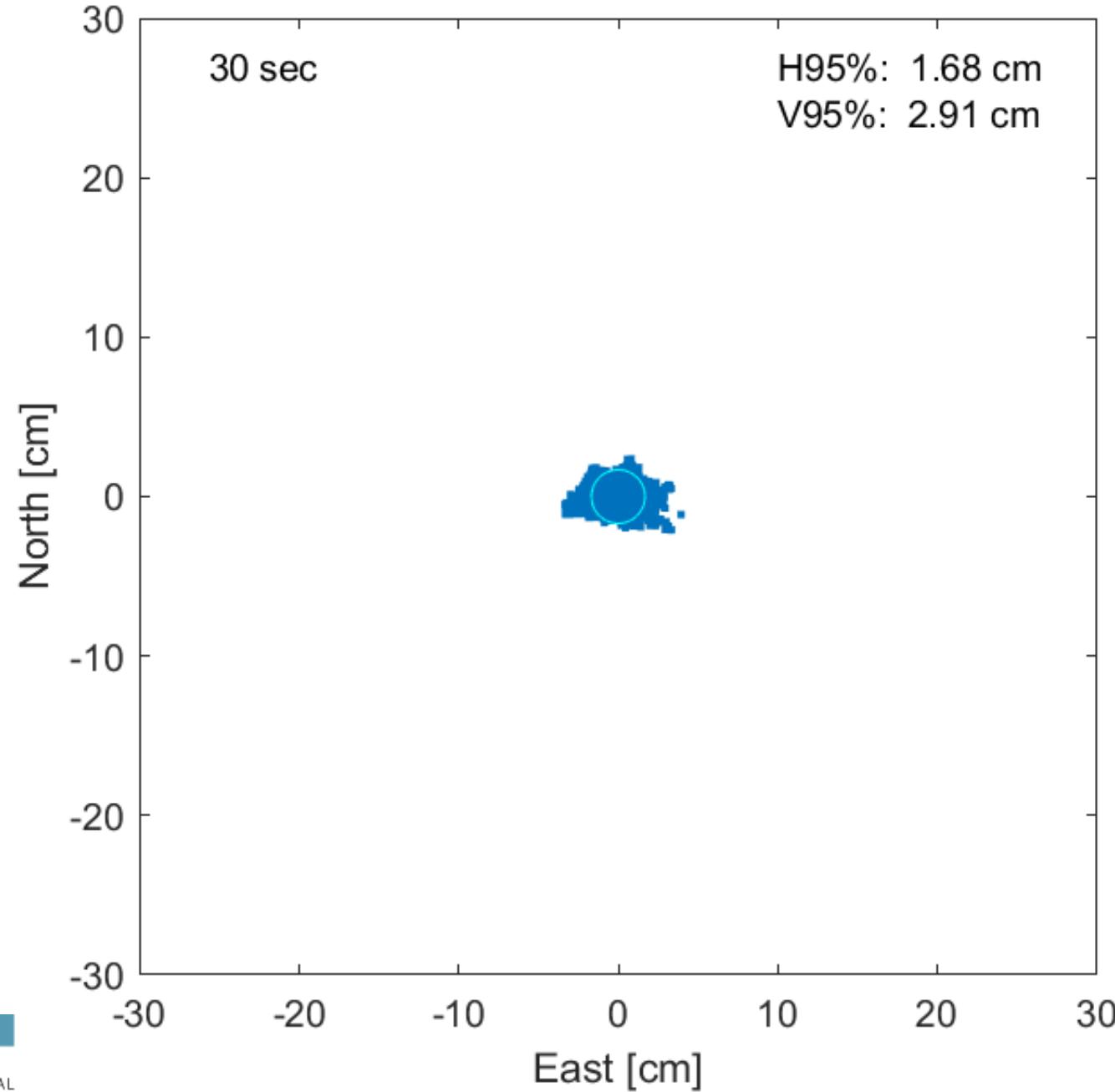


WTZ3

1 Hz RINEX file

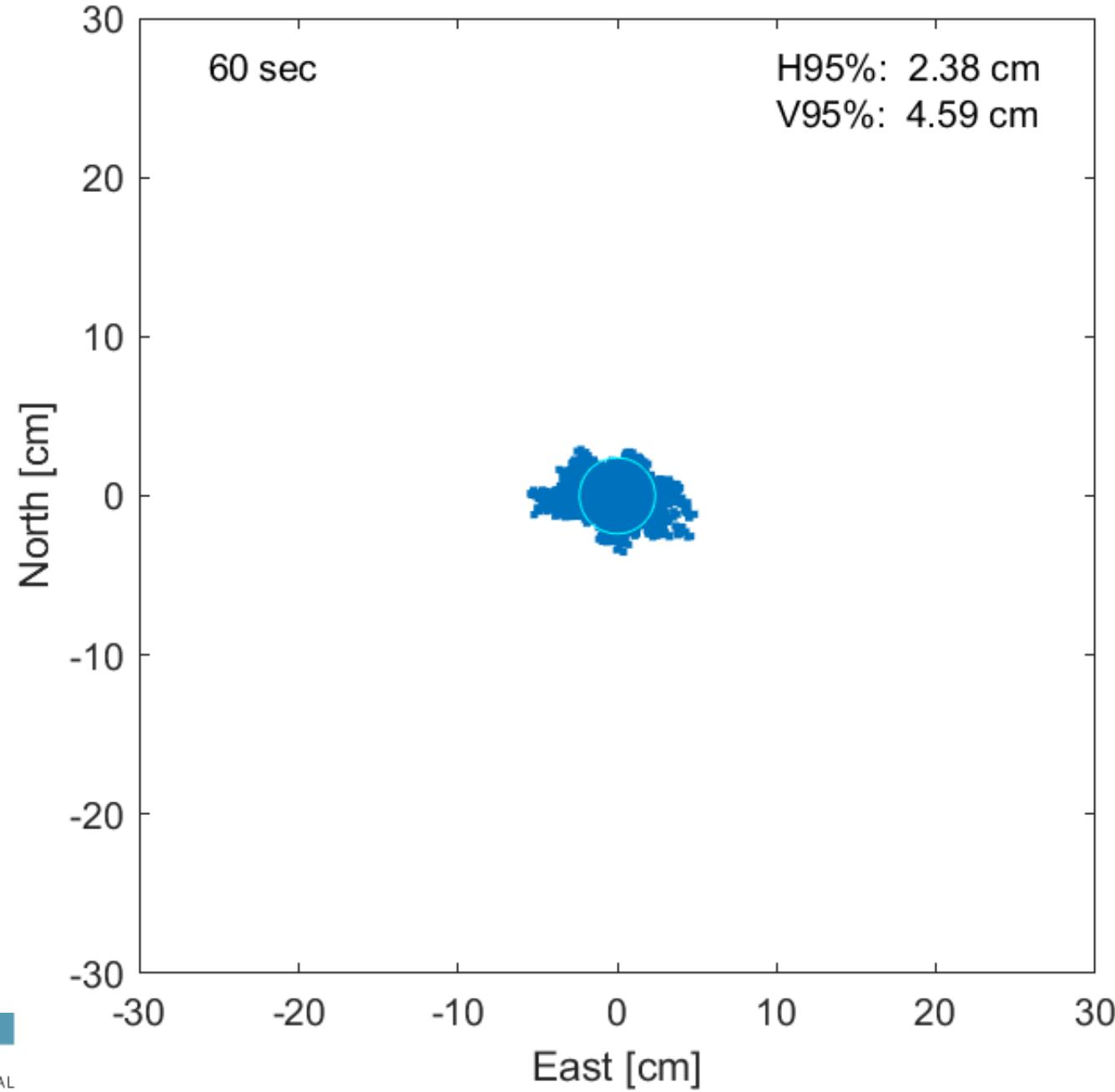
kinematic PPP, 7h

30 sec interpolation



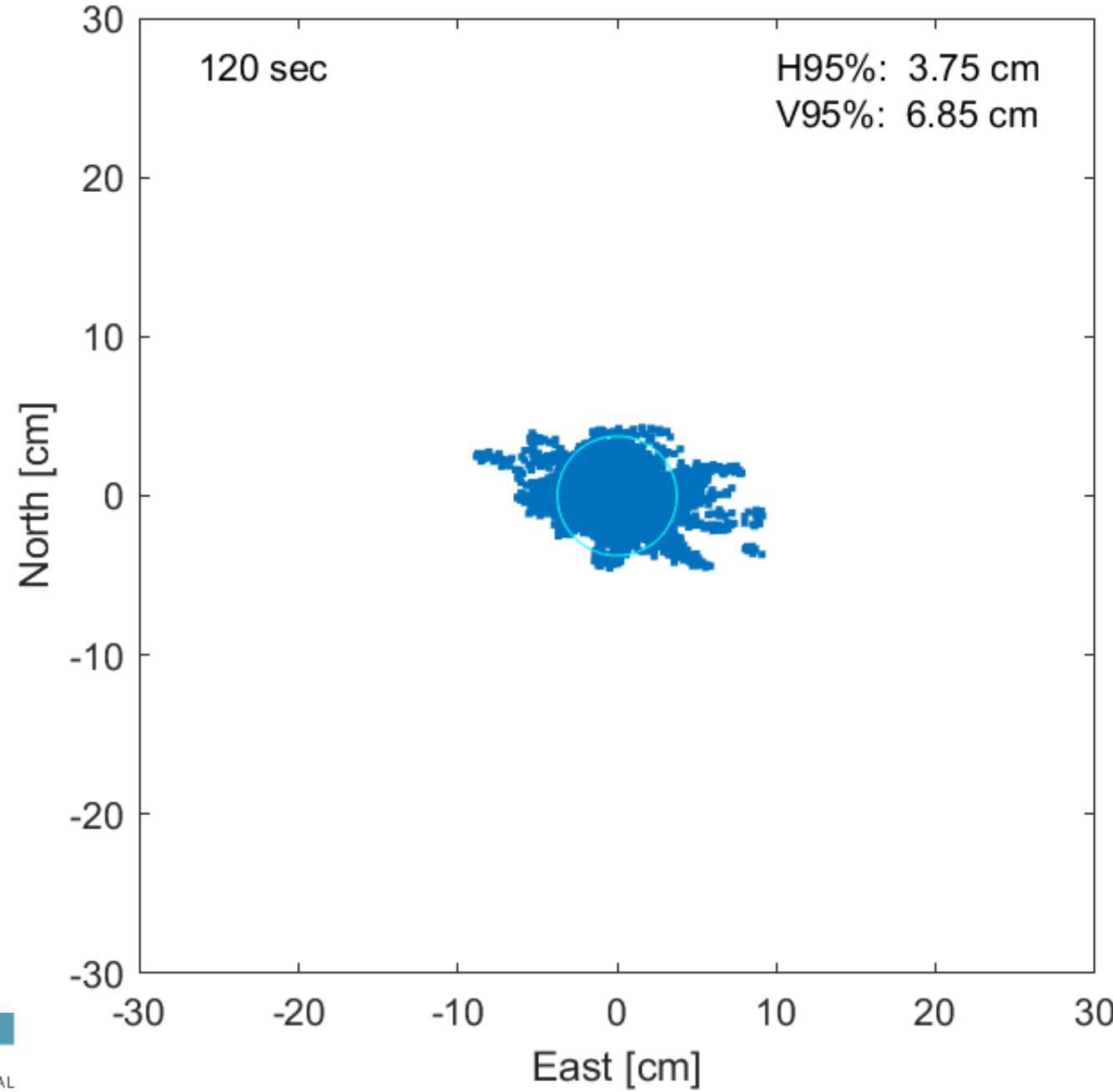
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
1 min interpolation



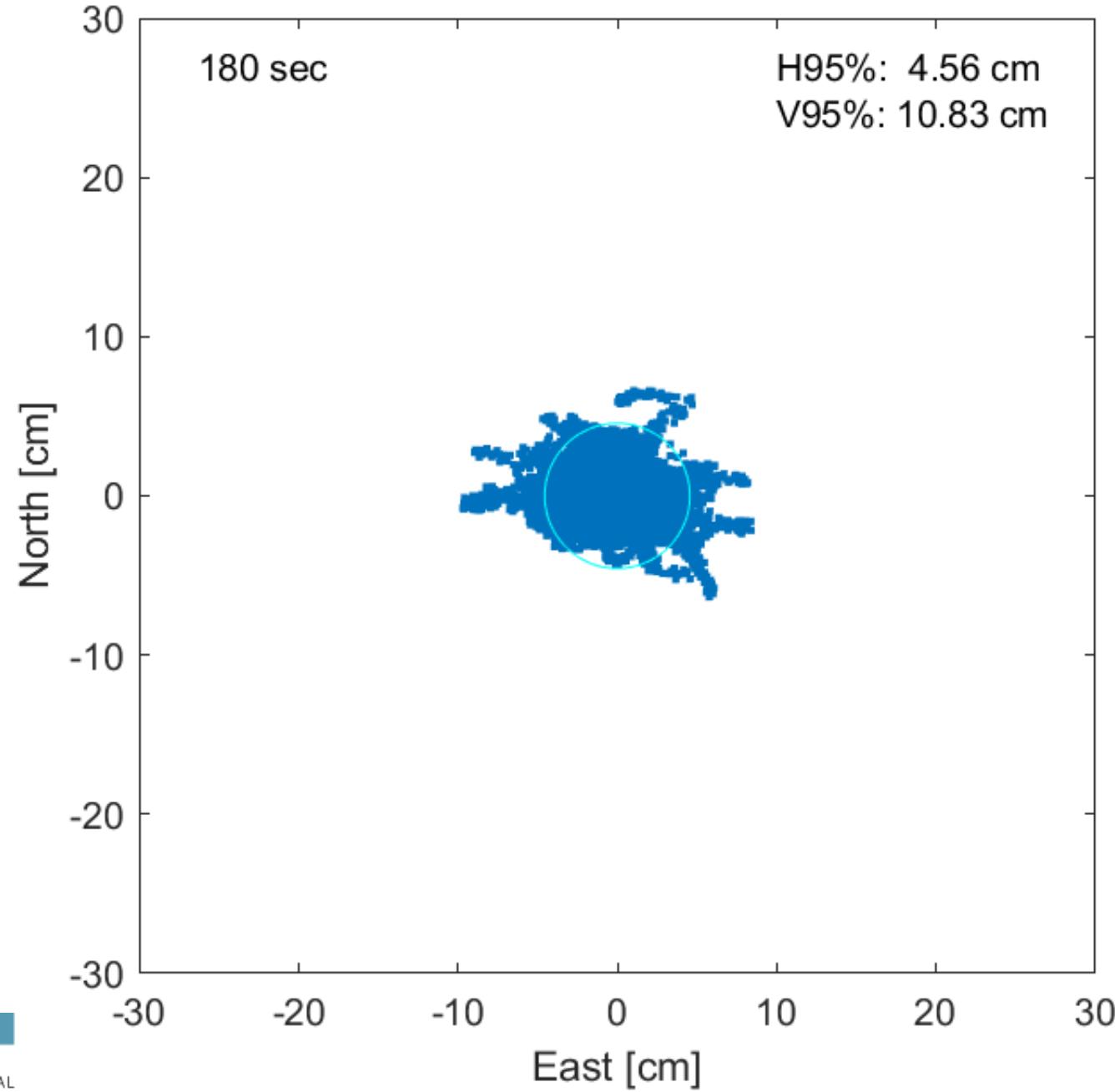
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
2 min interpolation



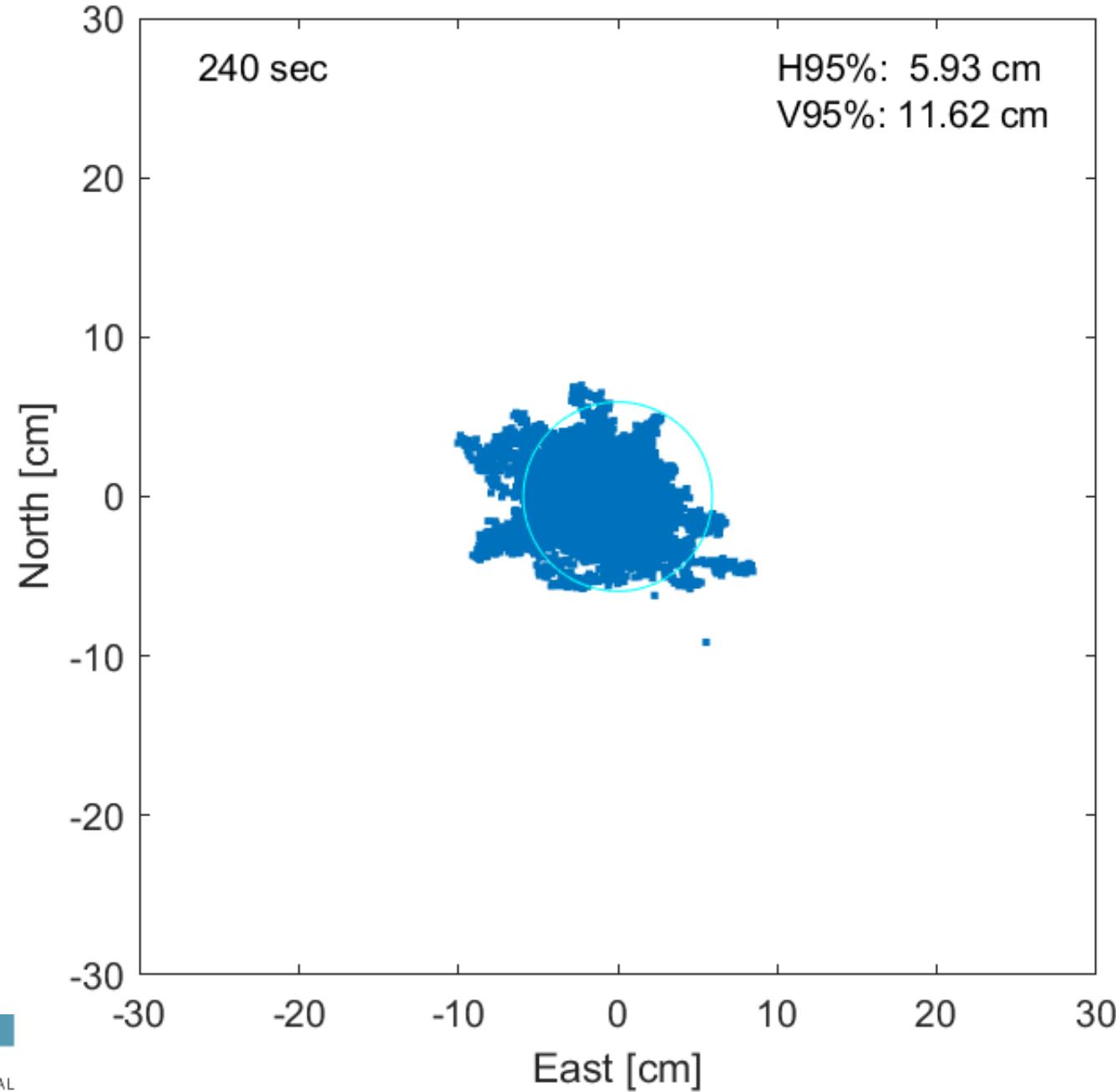
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
3 min interpolation



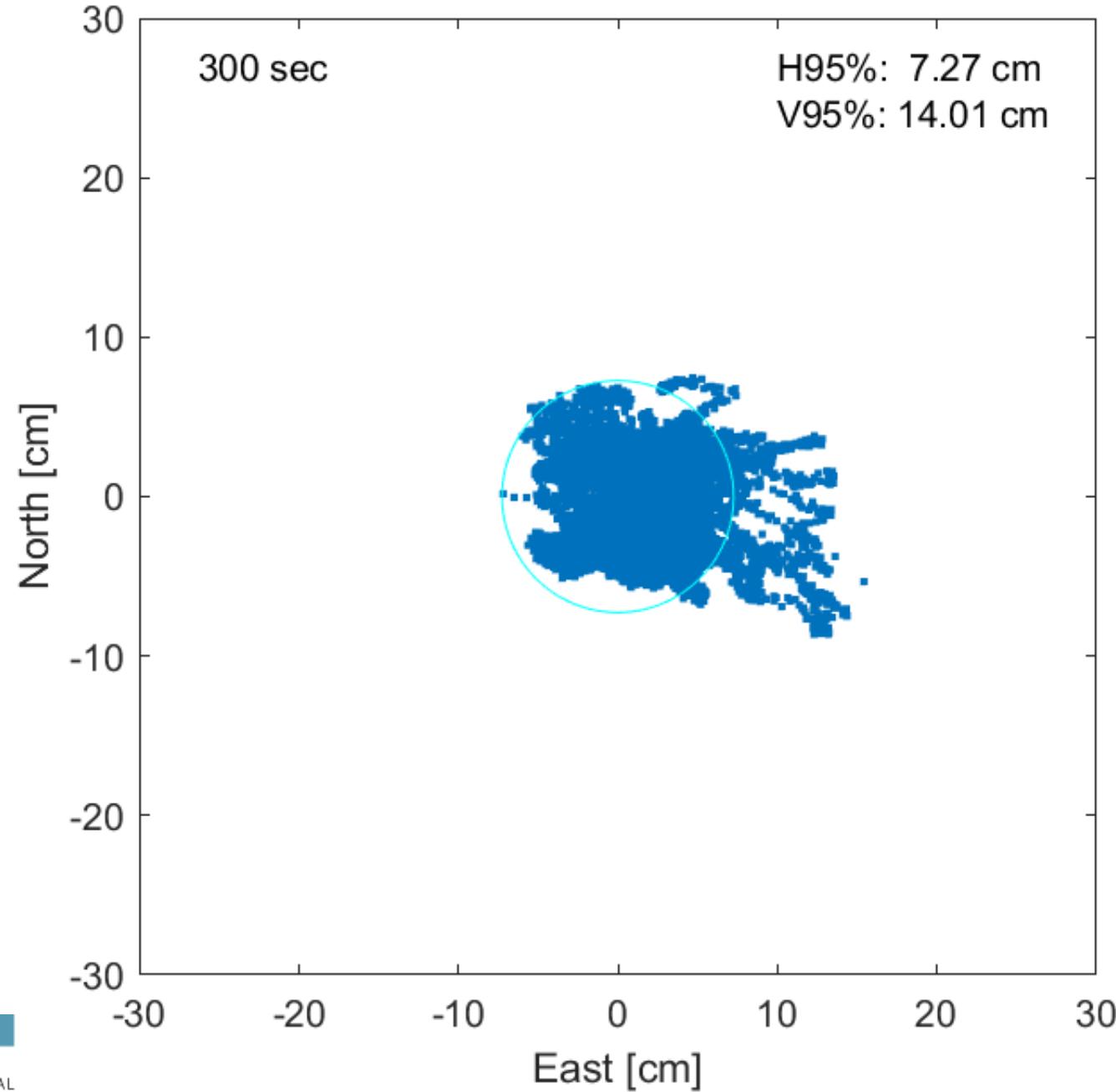
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
4 min interpolation



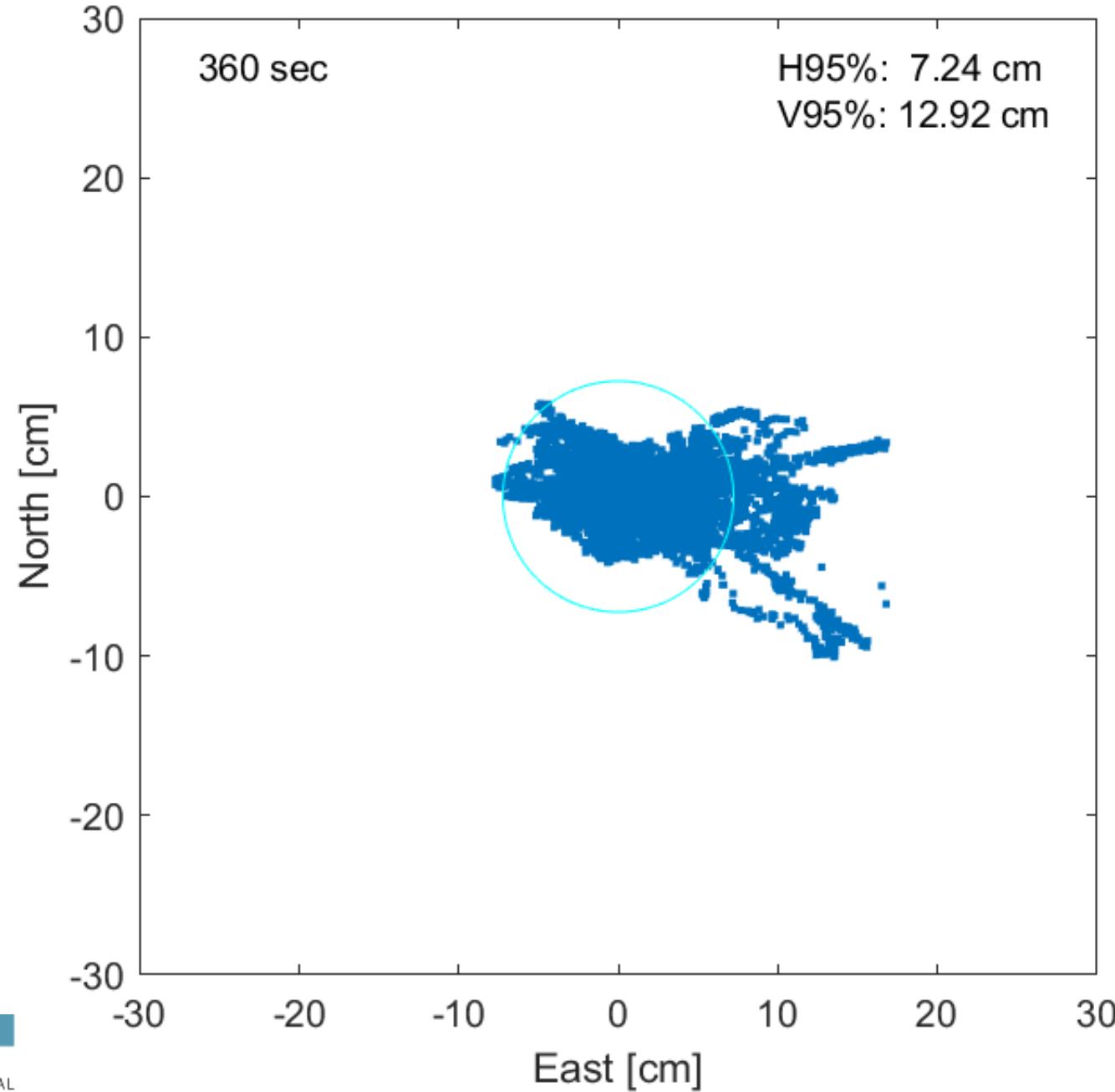
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
5 min interpolation



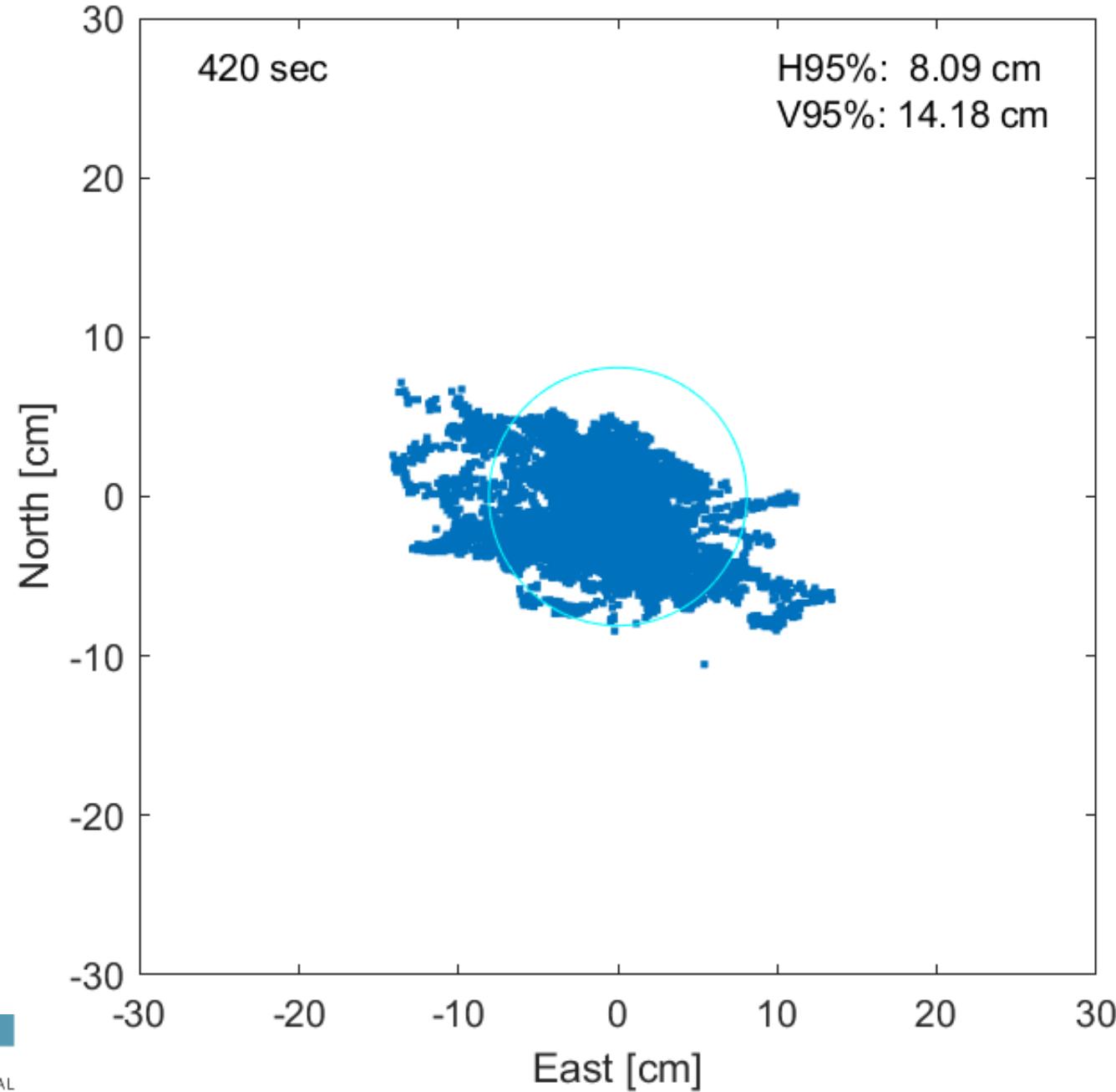
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
6 min interpolation



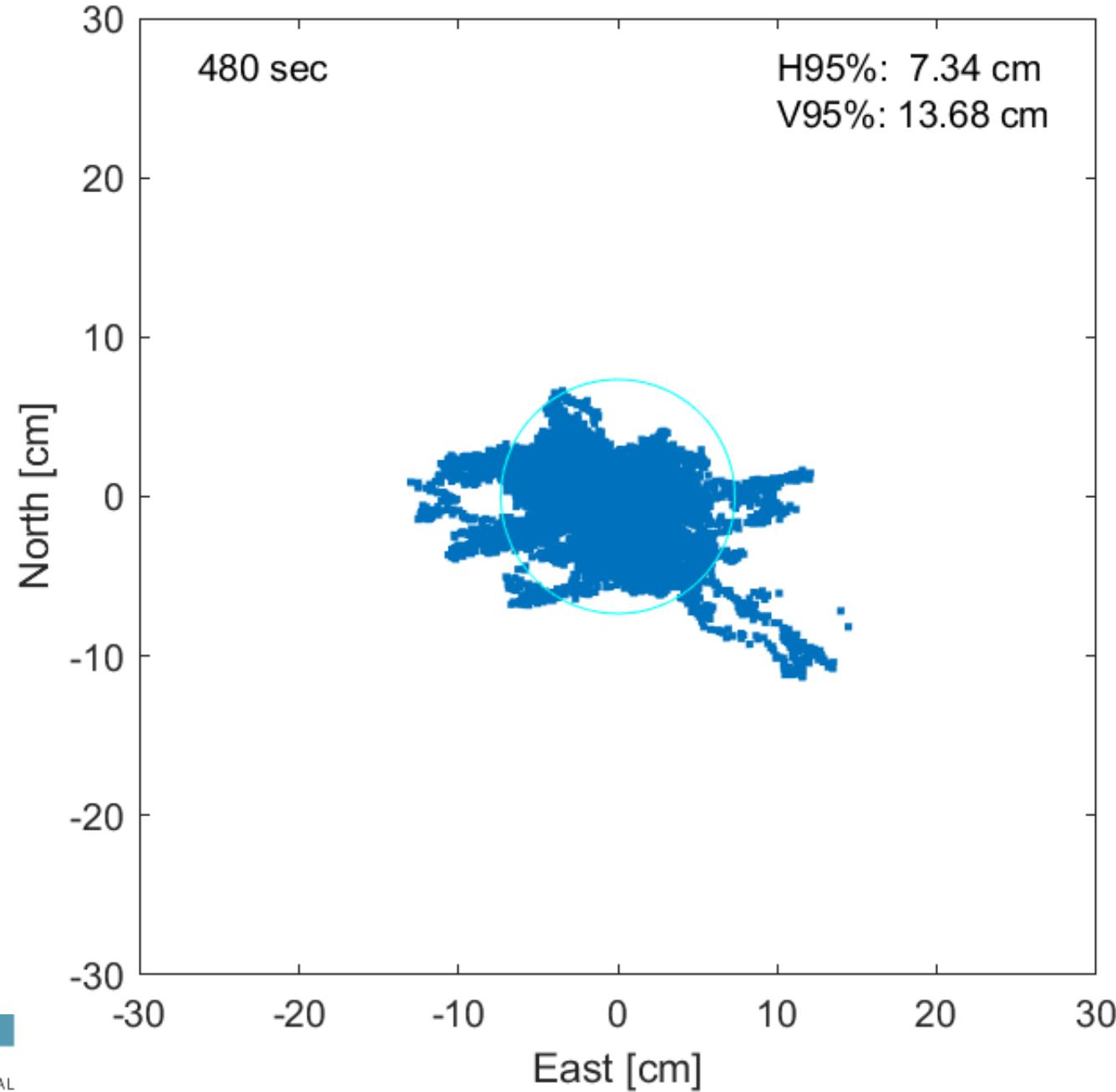
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
7 min interpolation



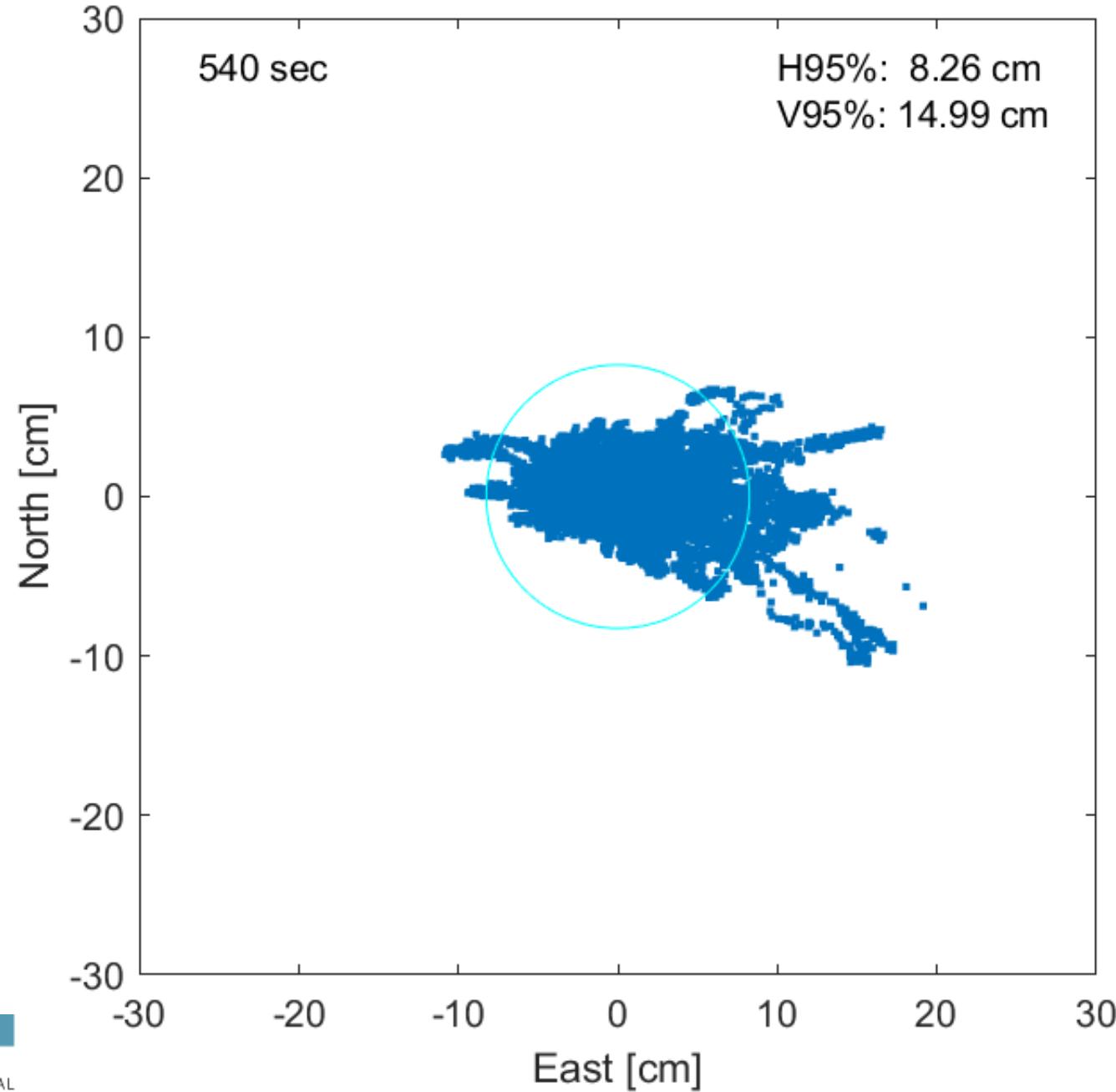
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
8 min interpolation



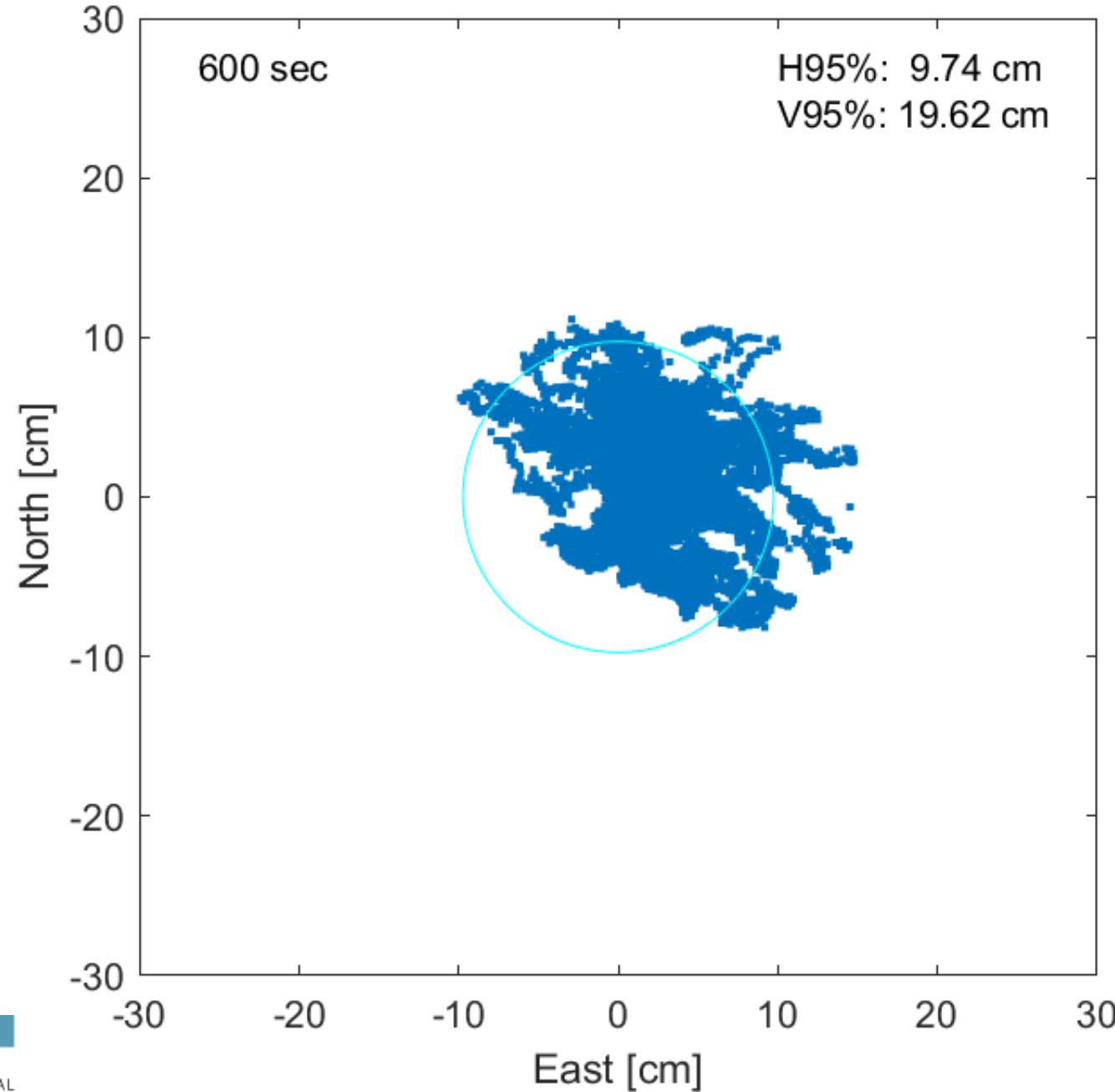
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
9 min interpolation



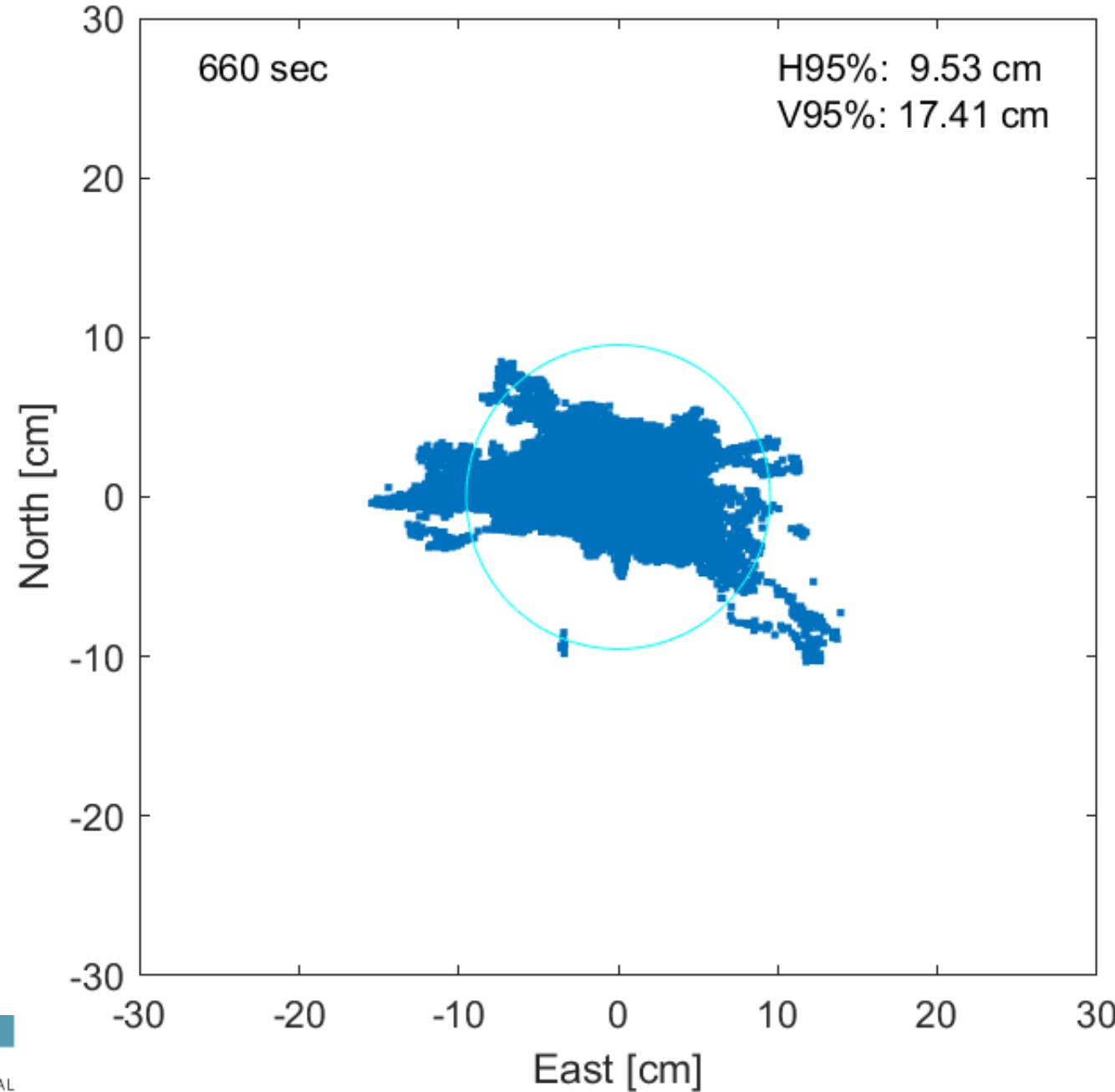
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
10 min interpolation



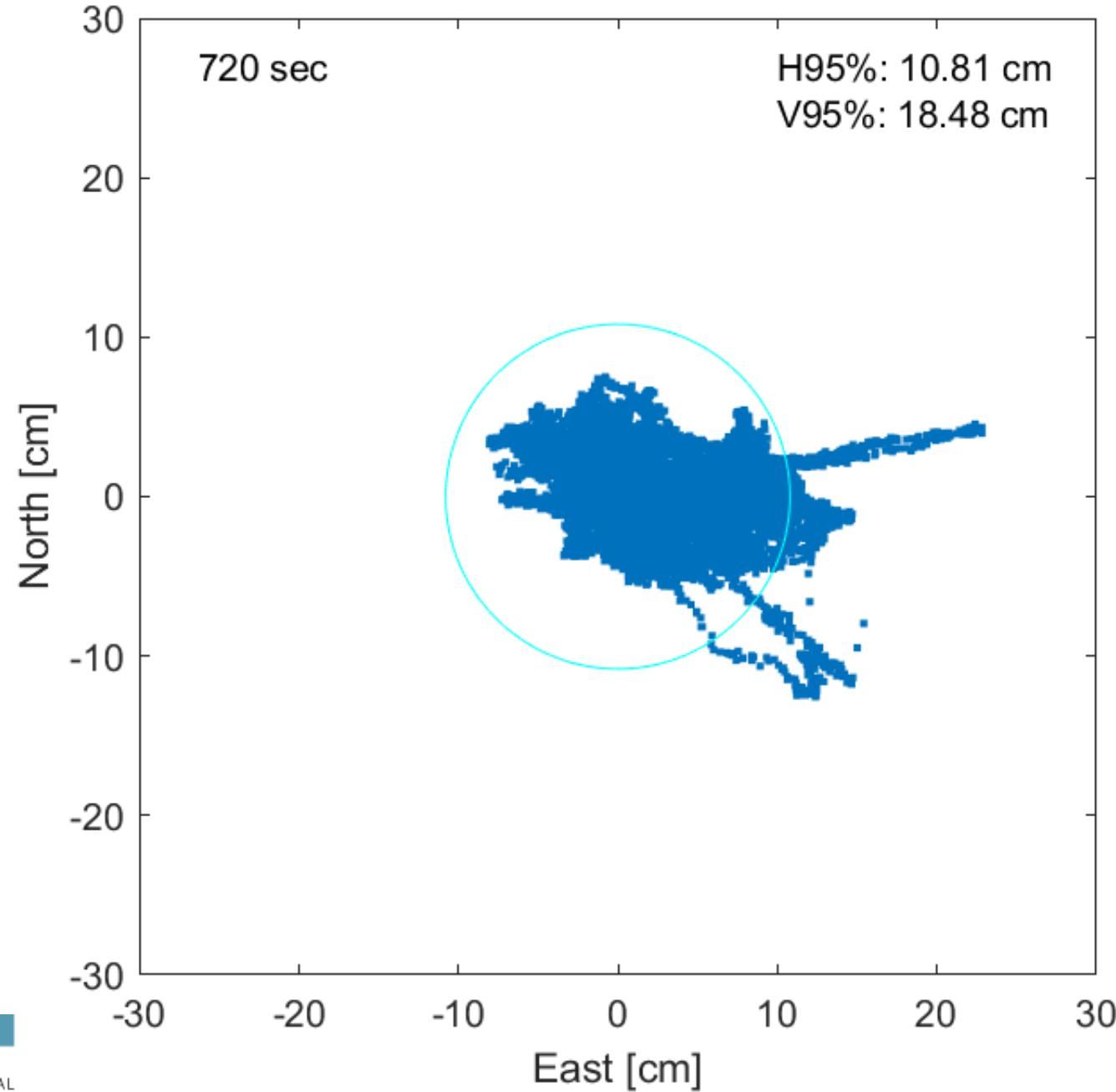
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
11 min interpolation



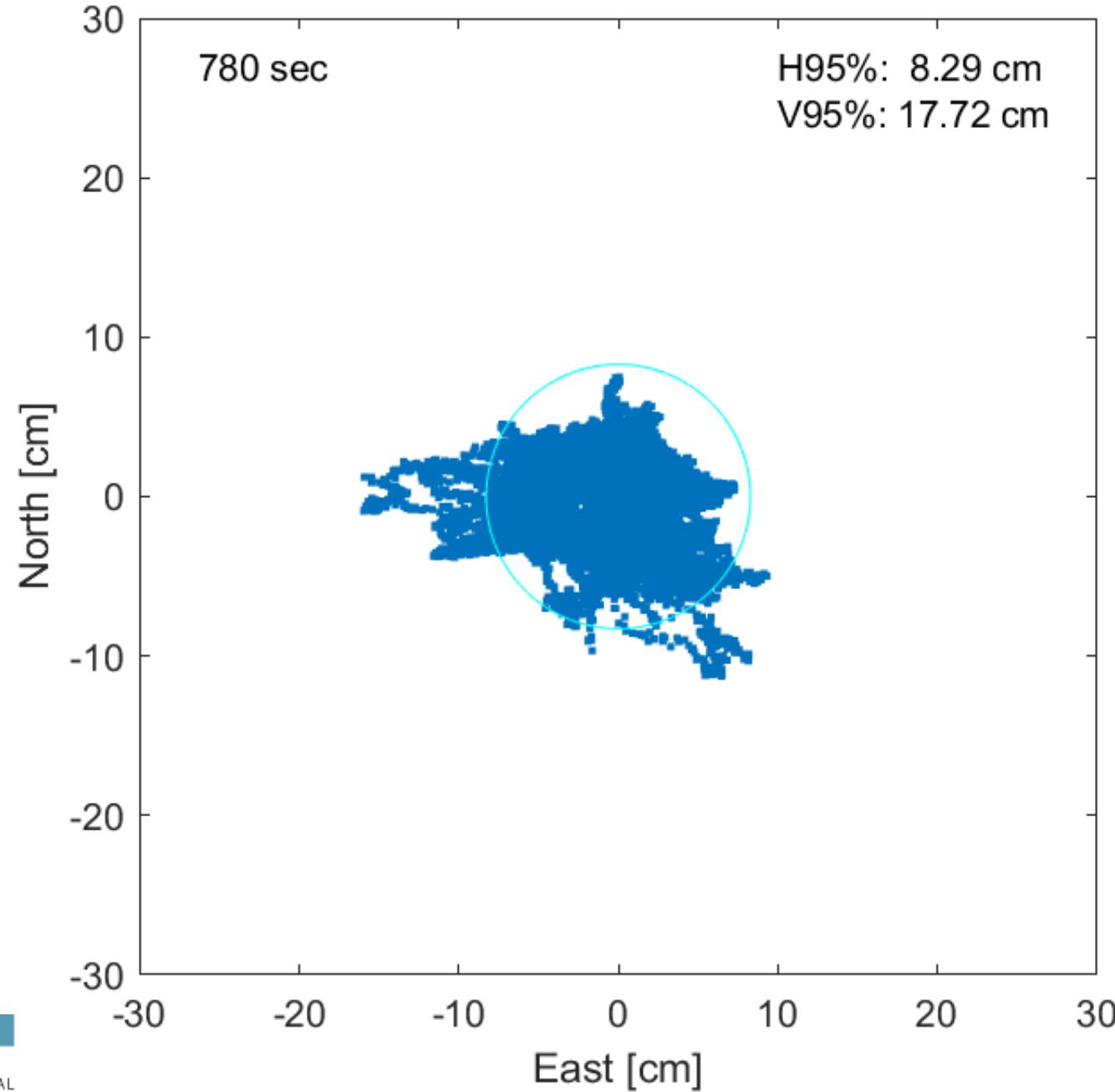
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
12 min interpolation



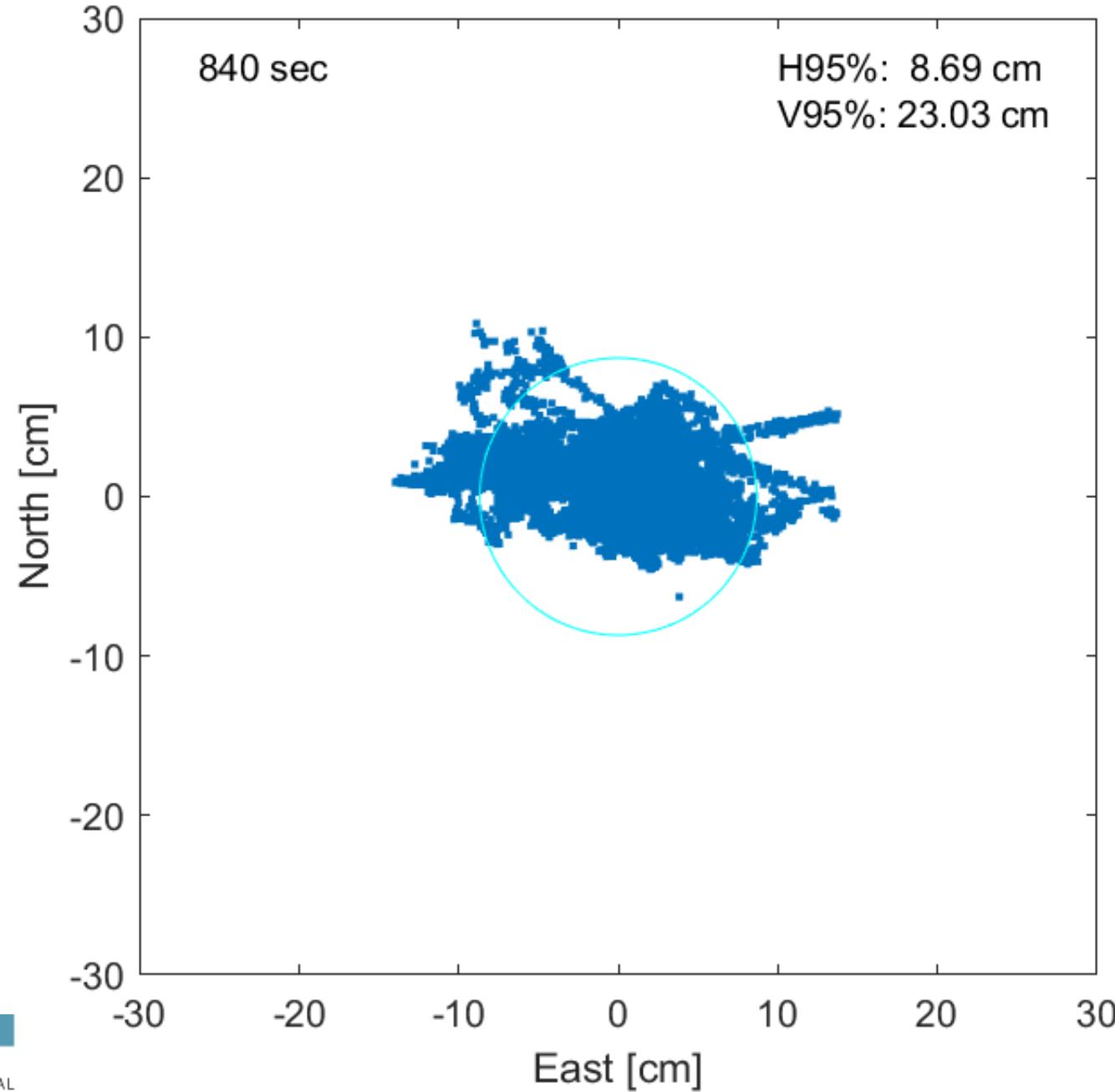
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
13 min interpolation



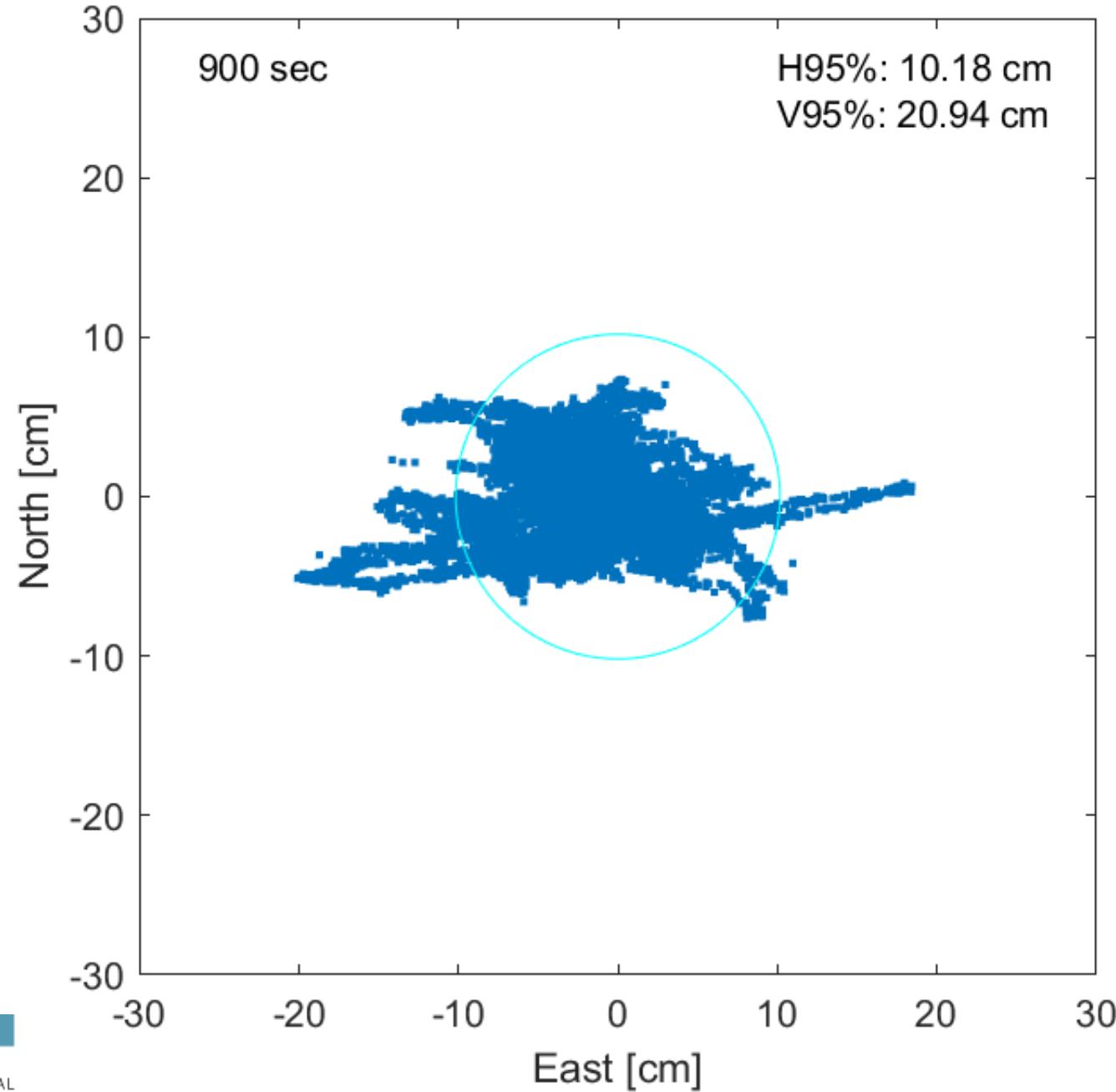
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
14 min interpolation



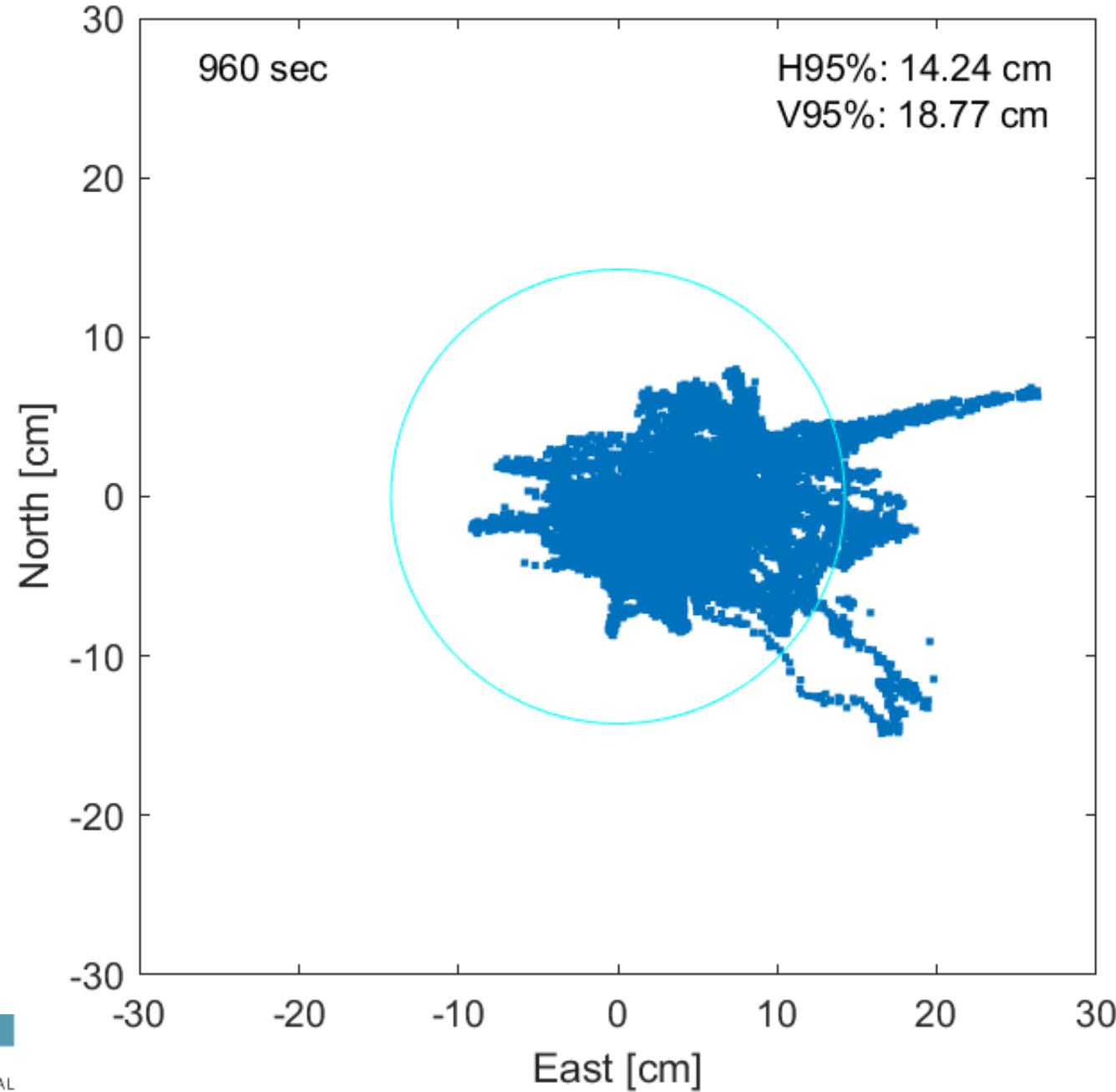
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
15 min interpolation



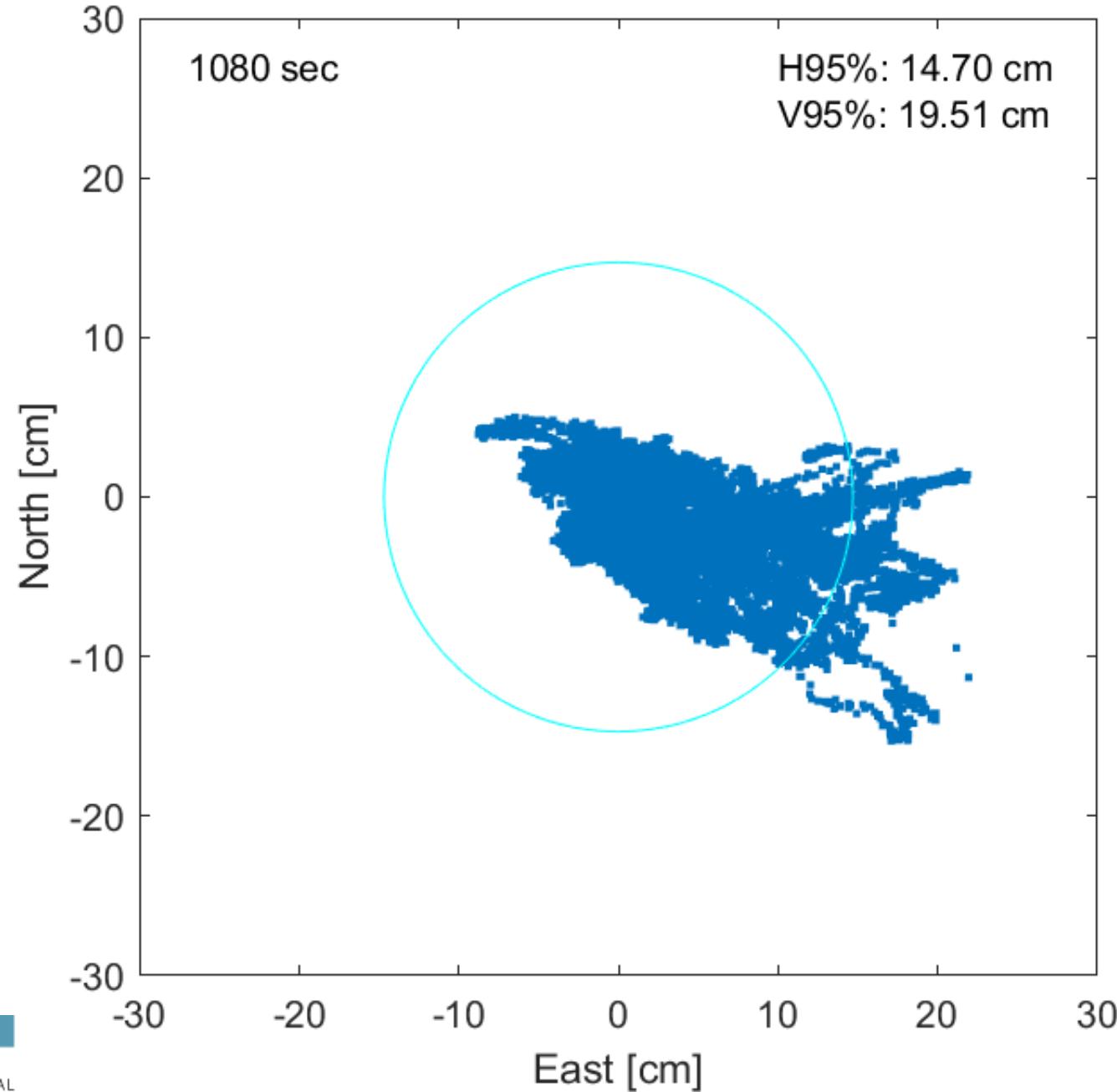
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
16 min interpolation



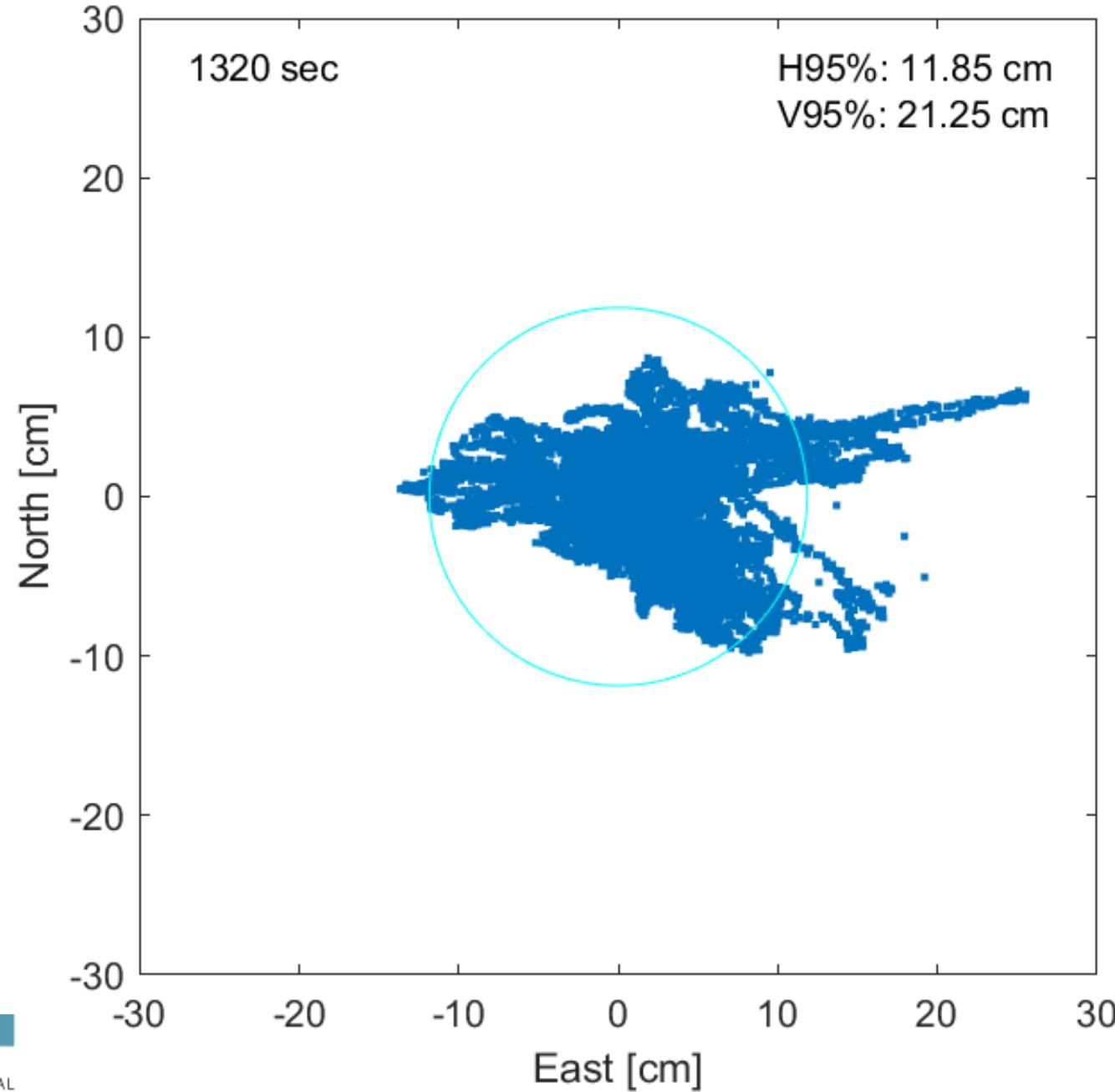
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
18 min interpolation



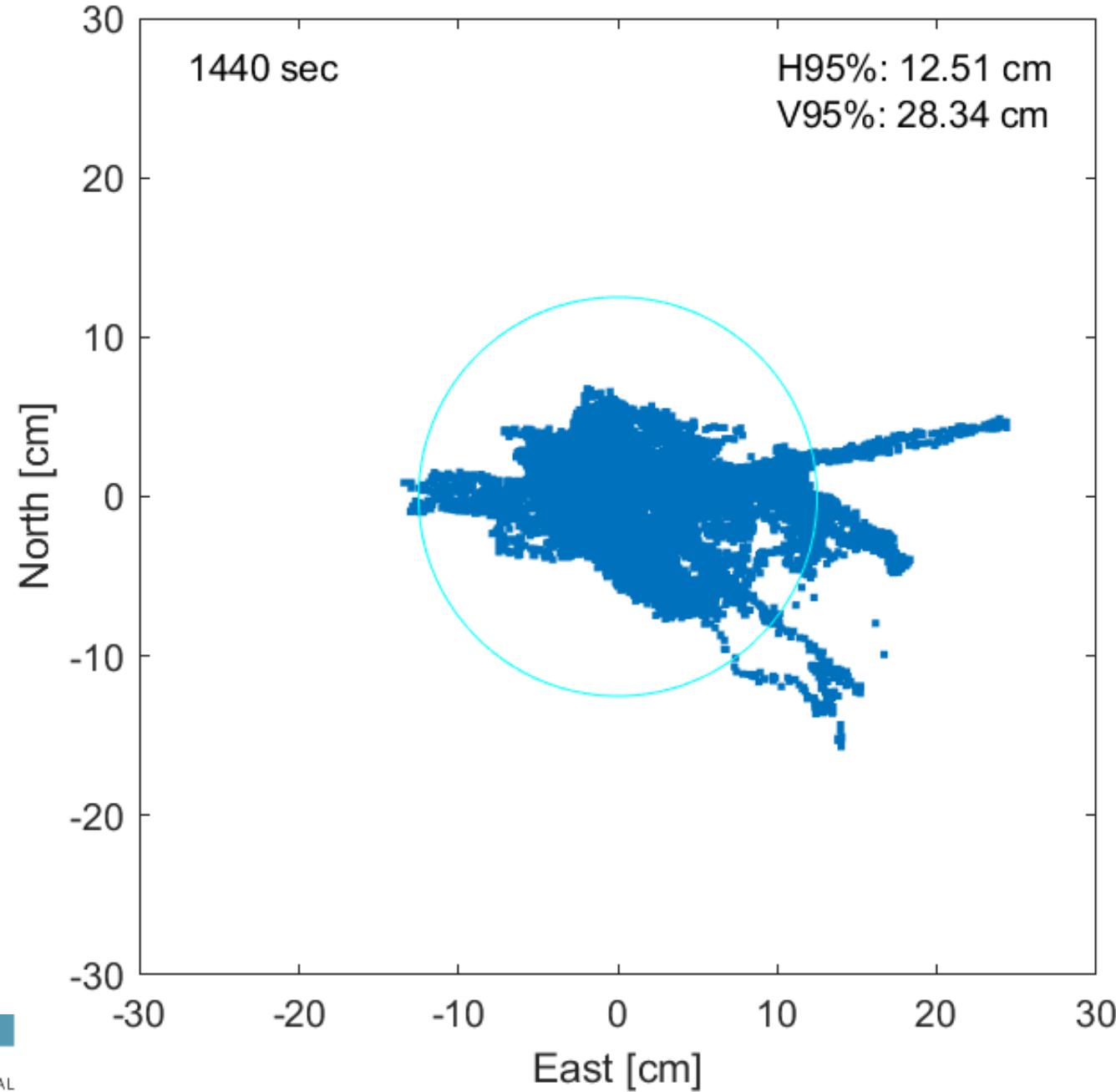
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
22 min interpolation



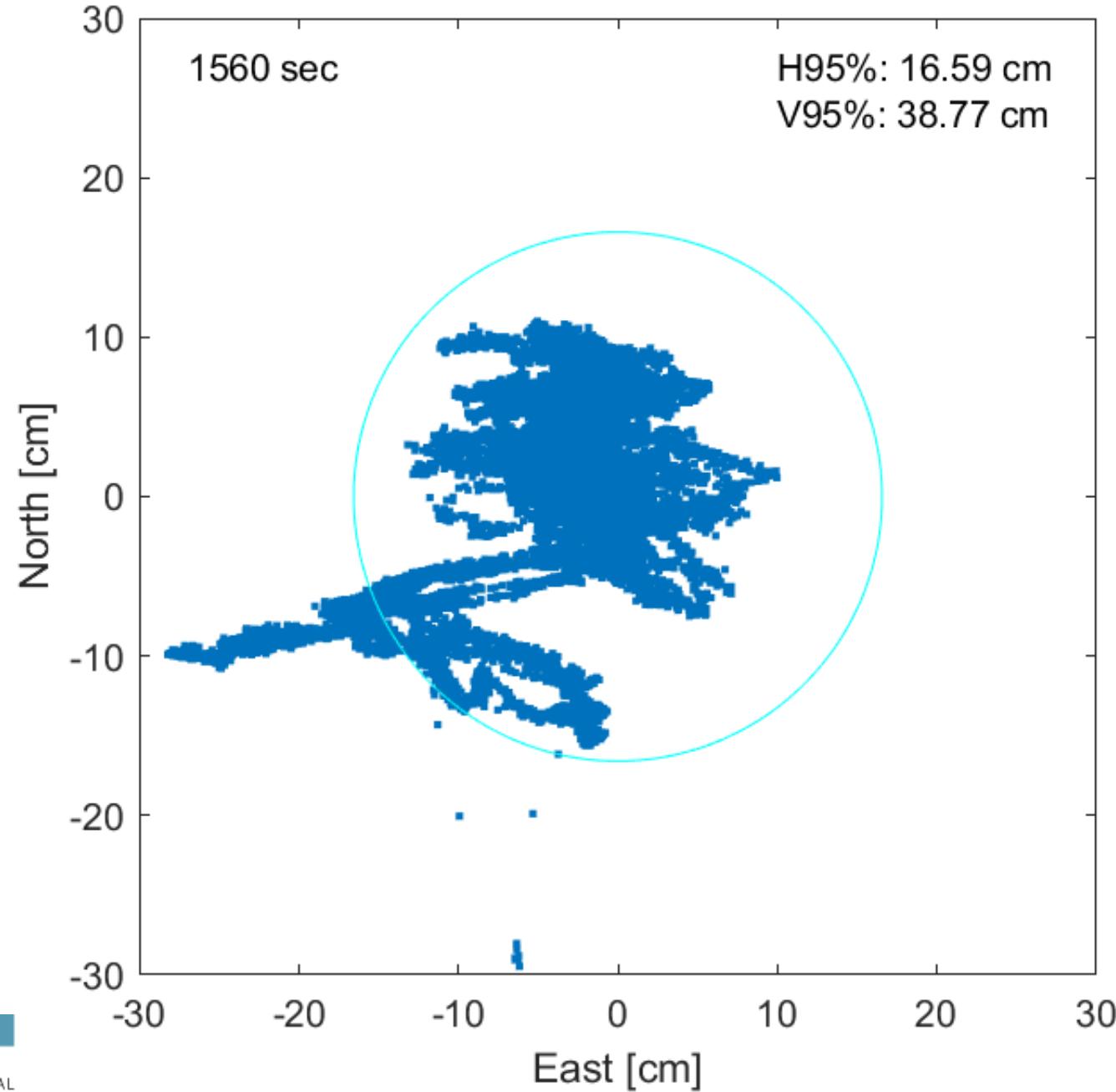
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
24 min interpolation



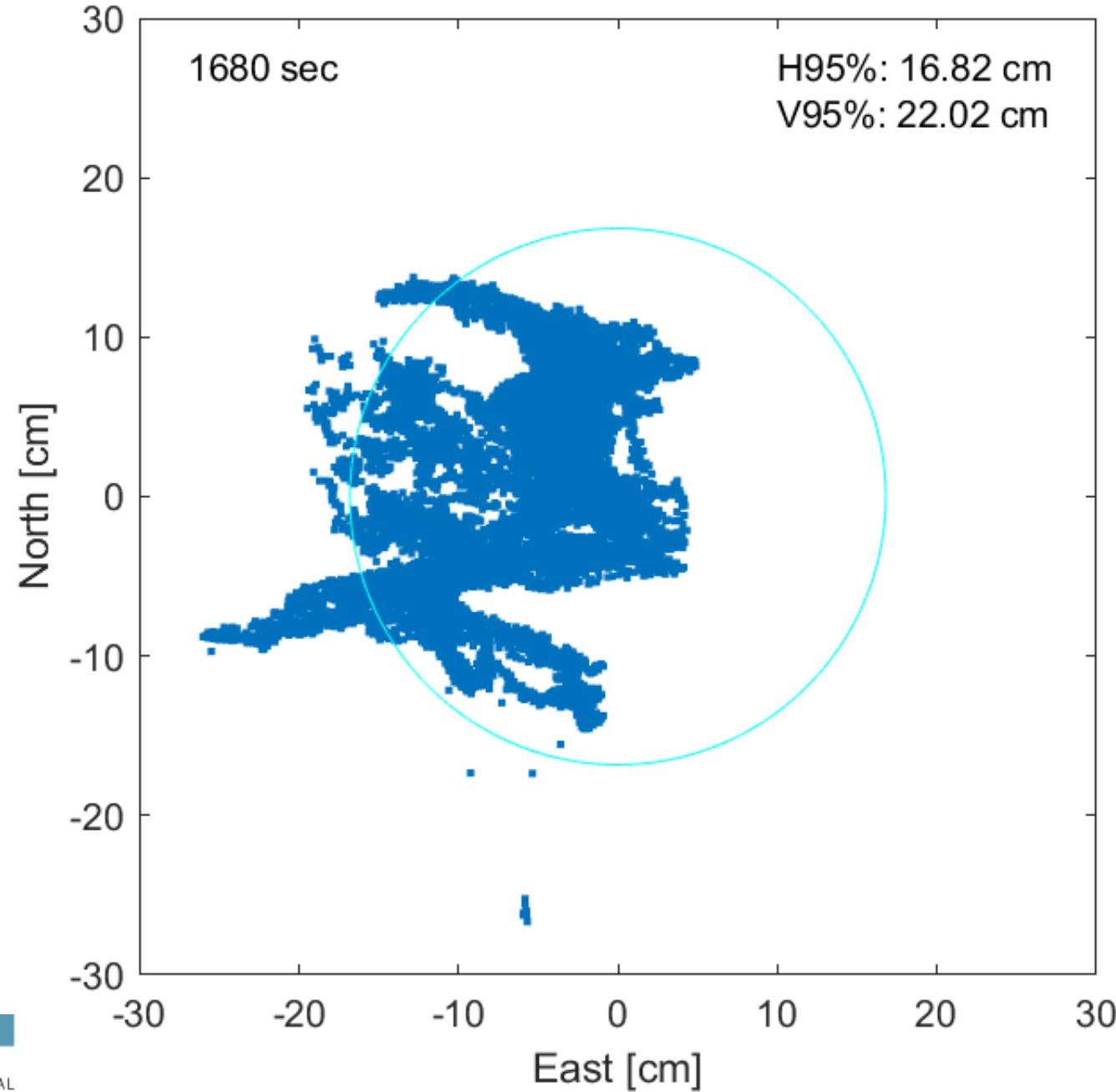
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
26 min interpolation



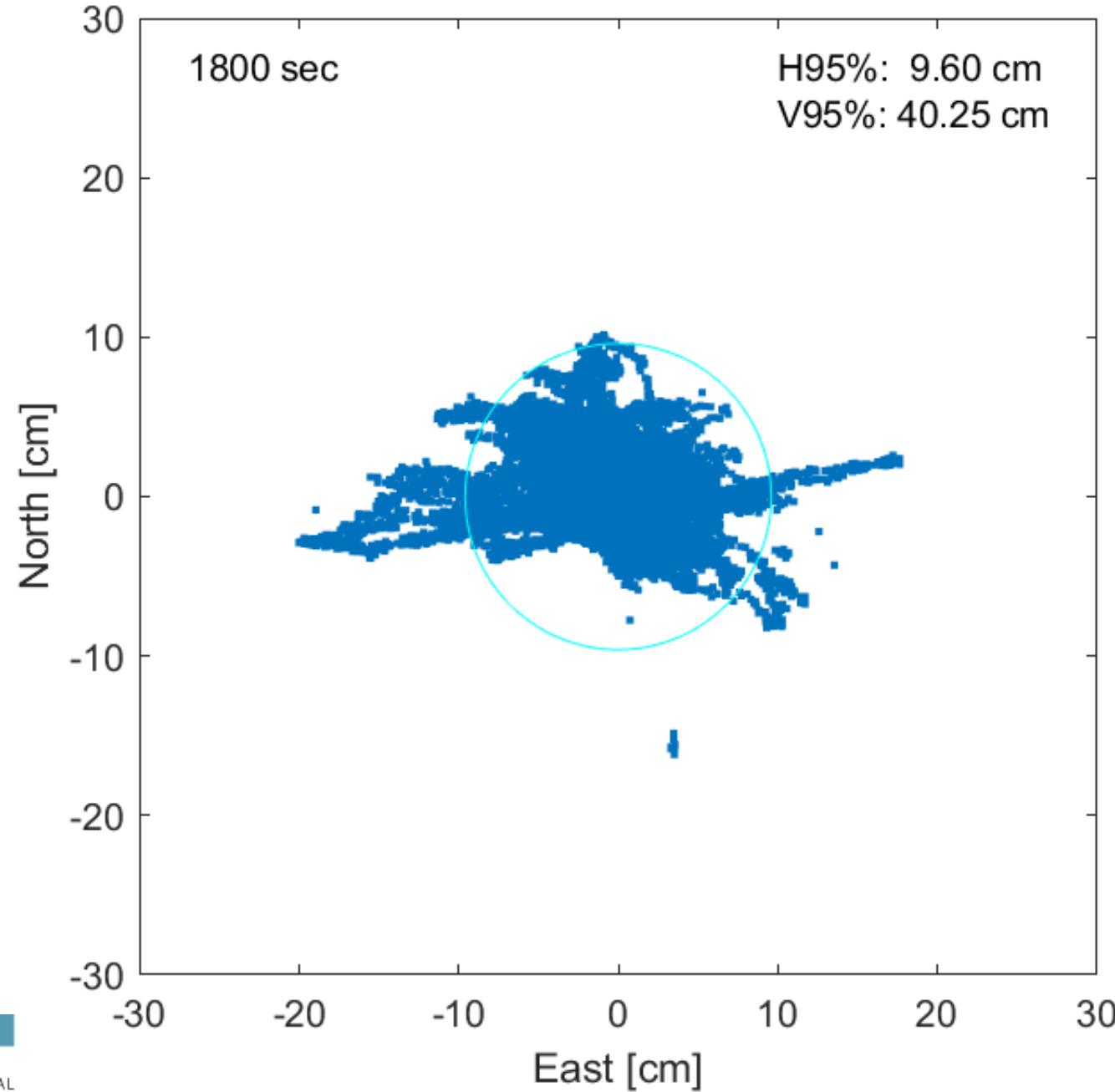
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
28 min interpolation



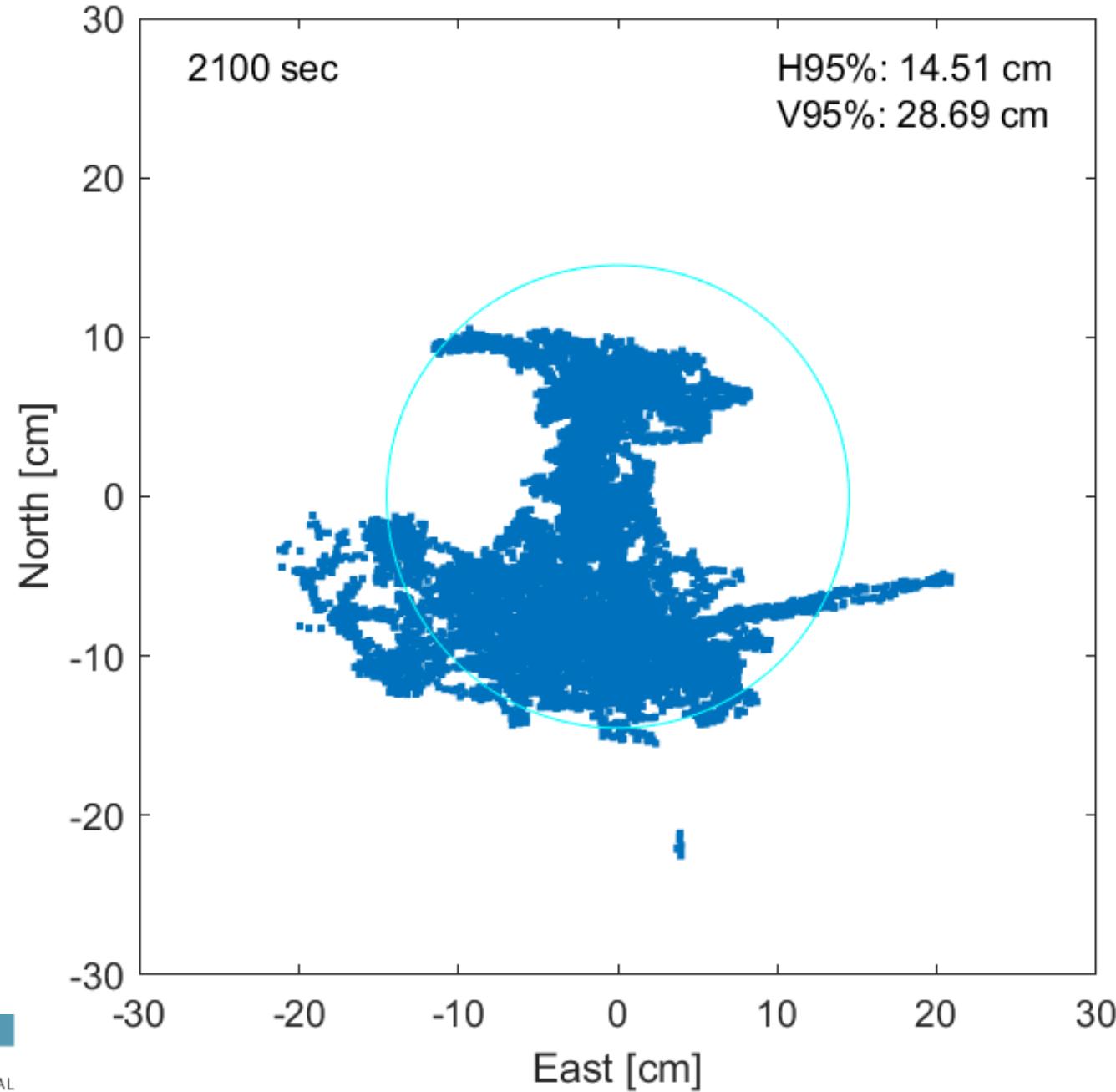
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
30 min interpolation



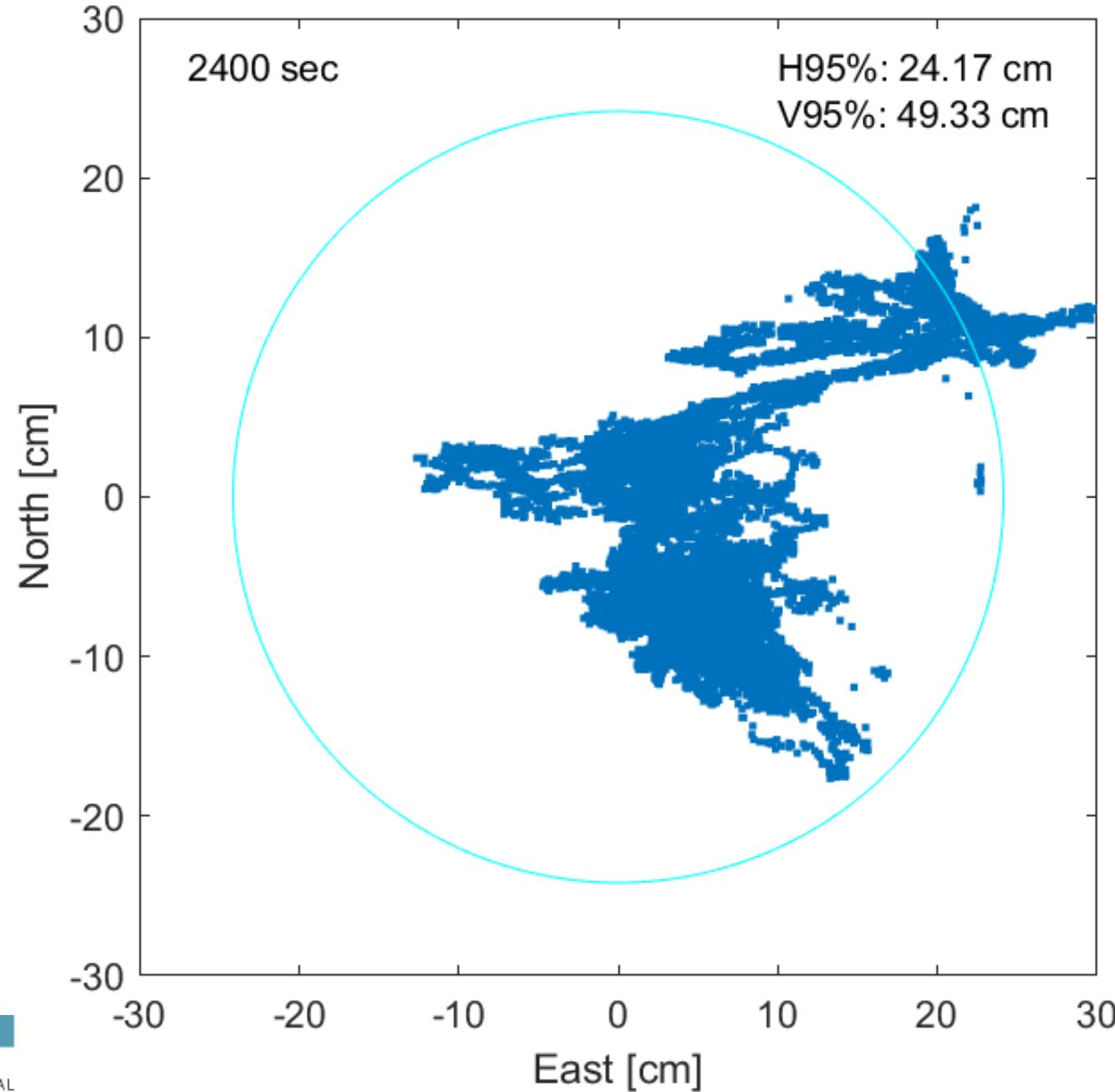
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
35 min interpolation



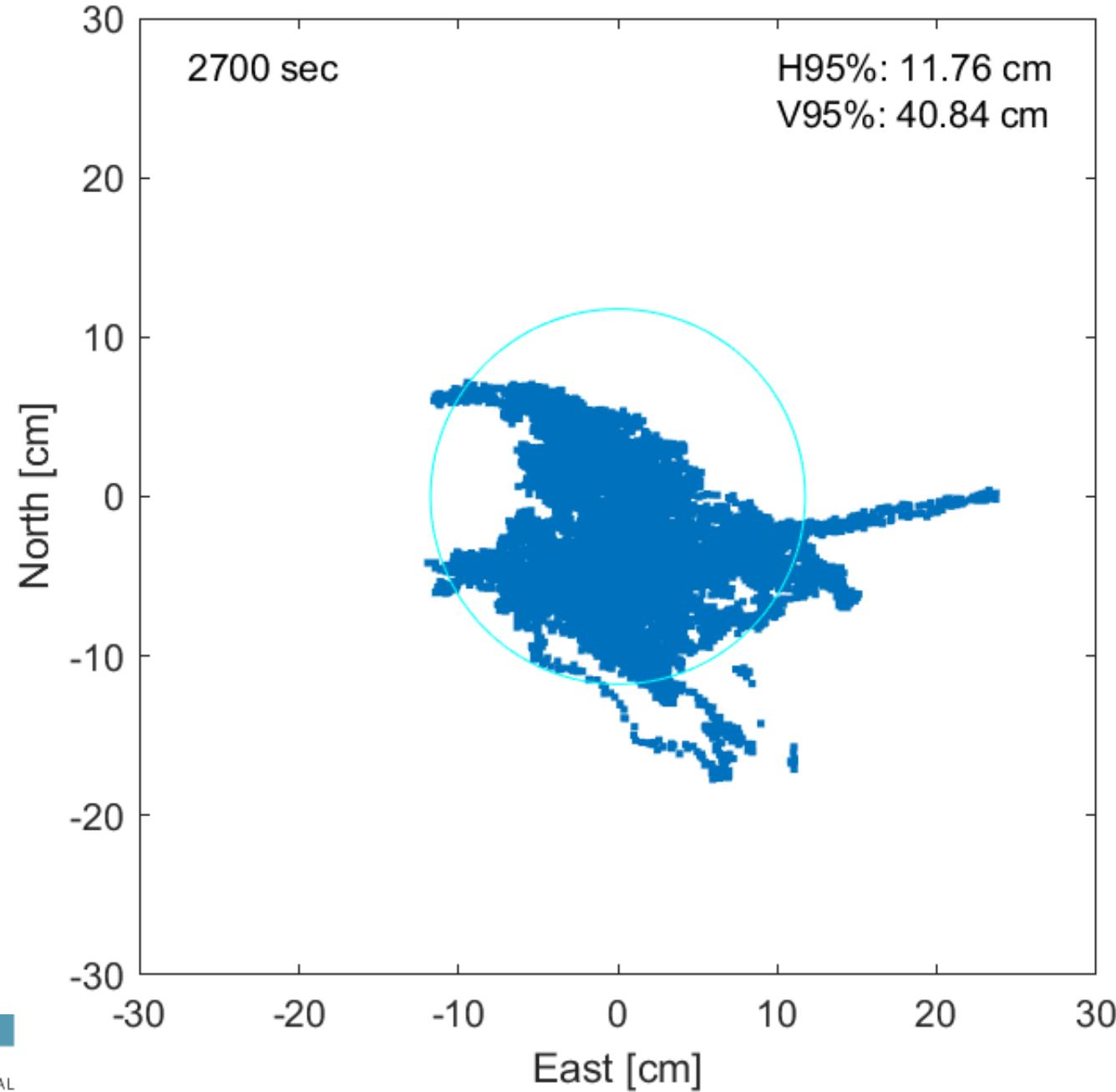
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
40 min interpolation



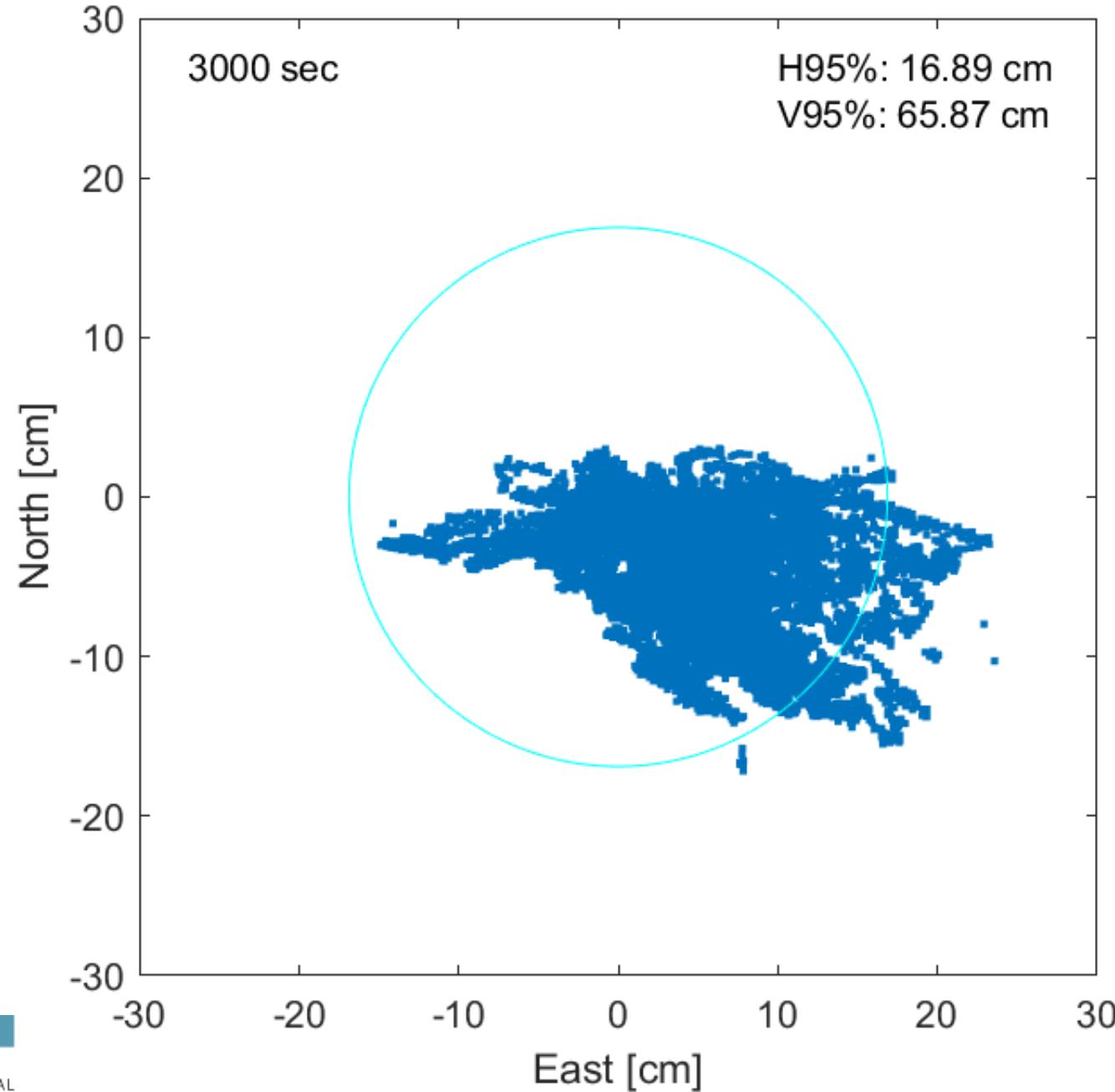
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
45 min interpolation



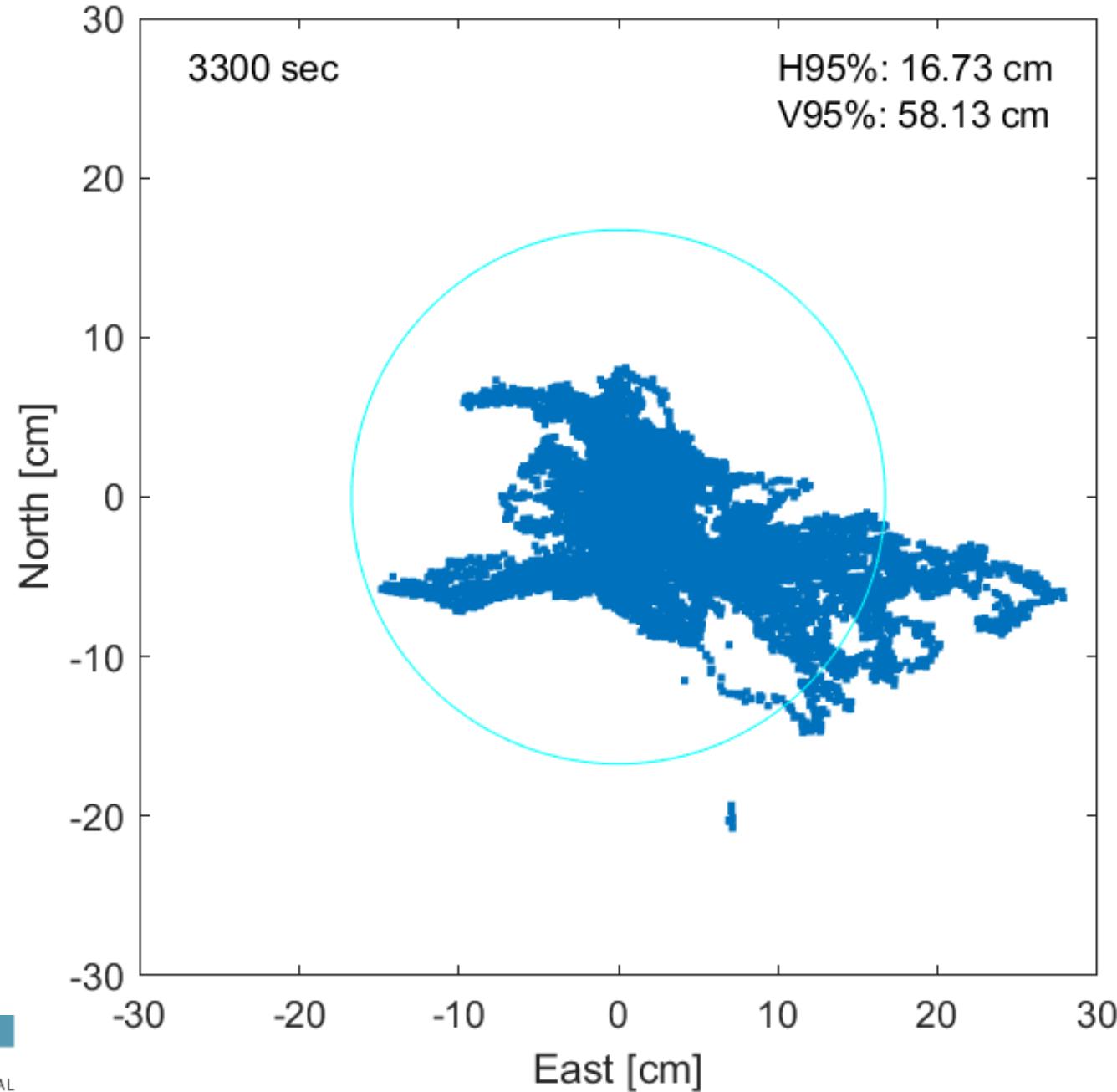
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
50 min interpolation



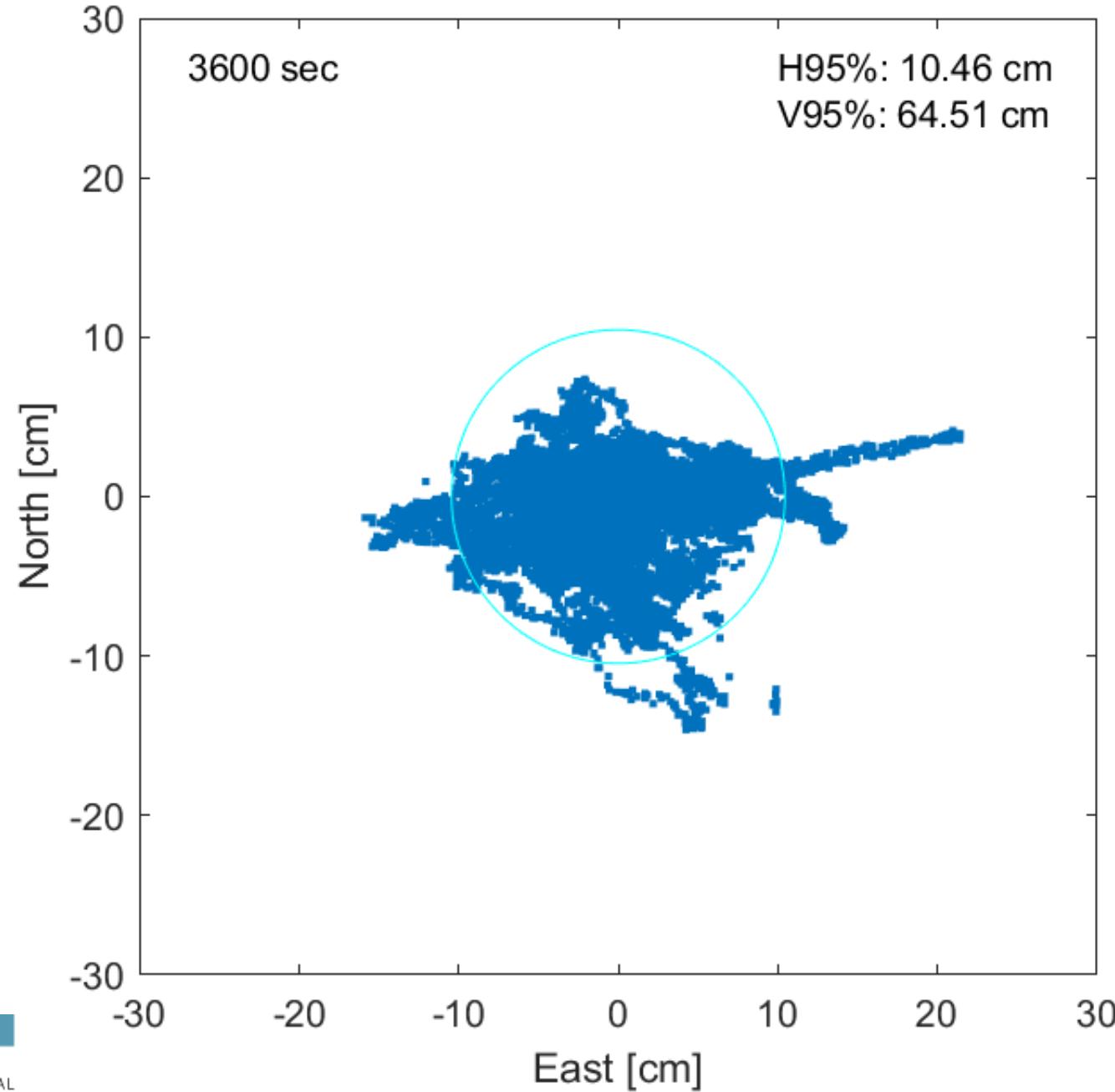
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
55 min interpolation



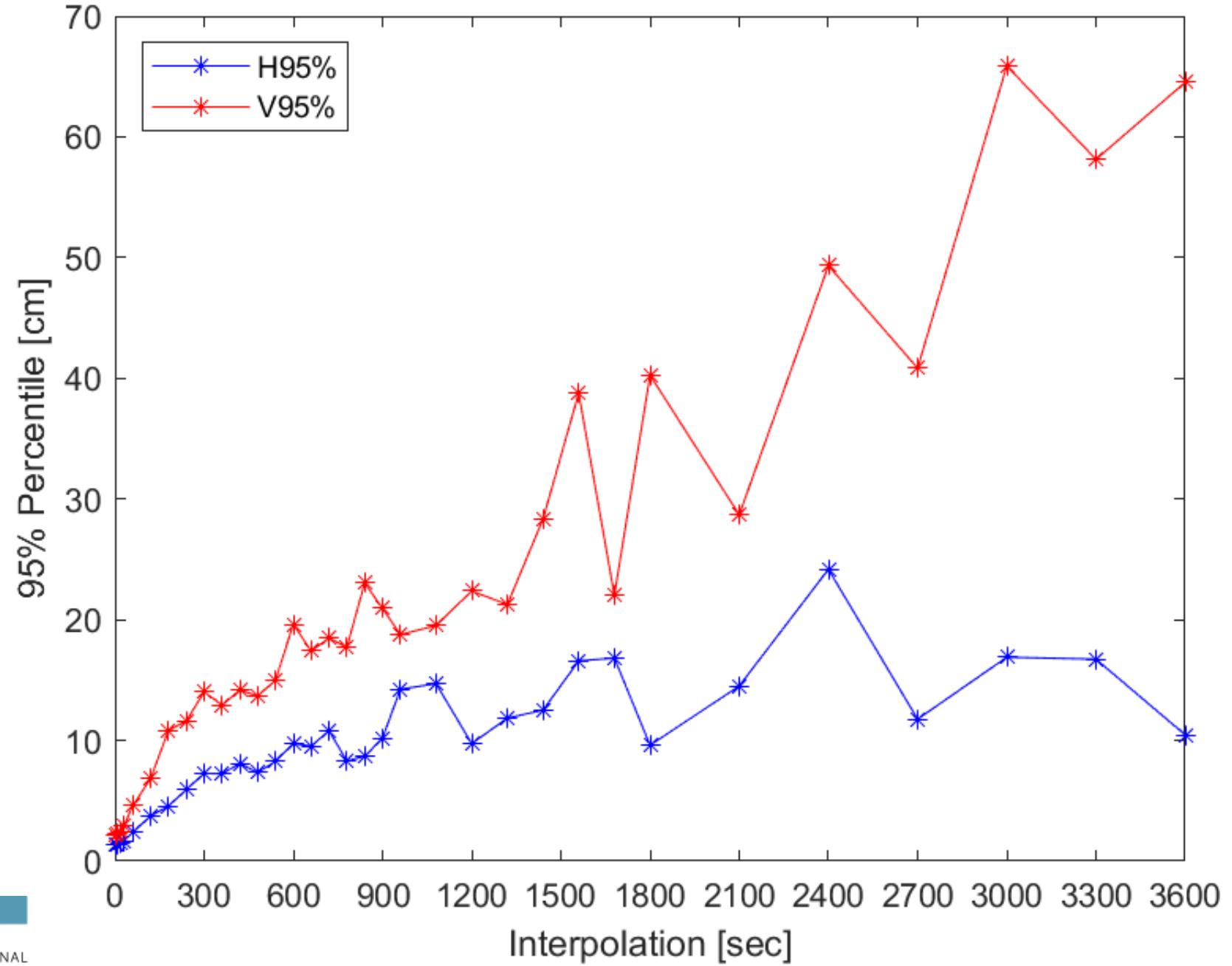
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
60 min interpolation



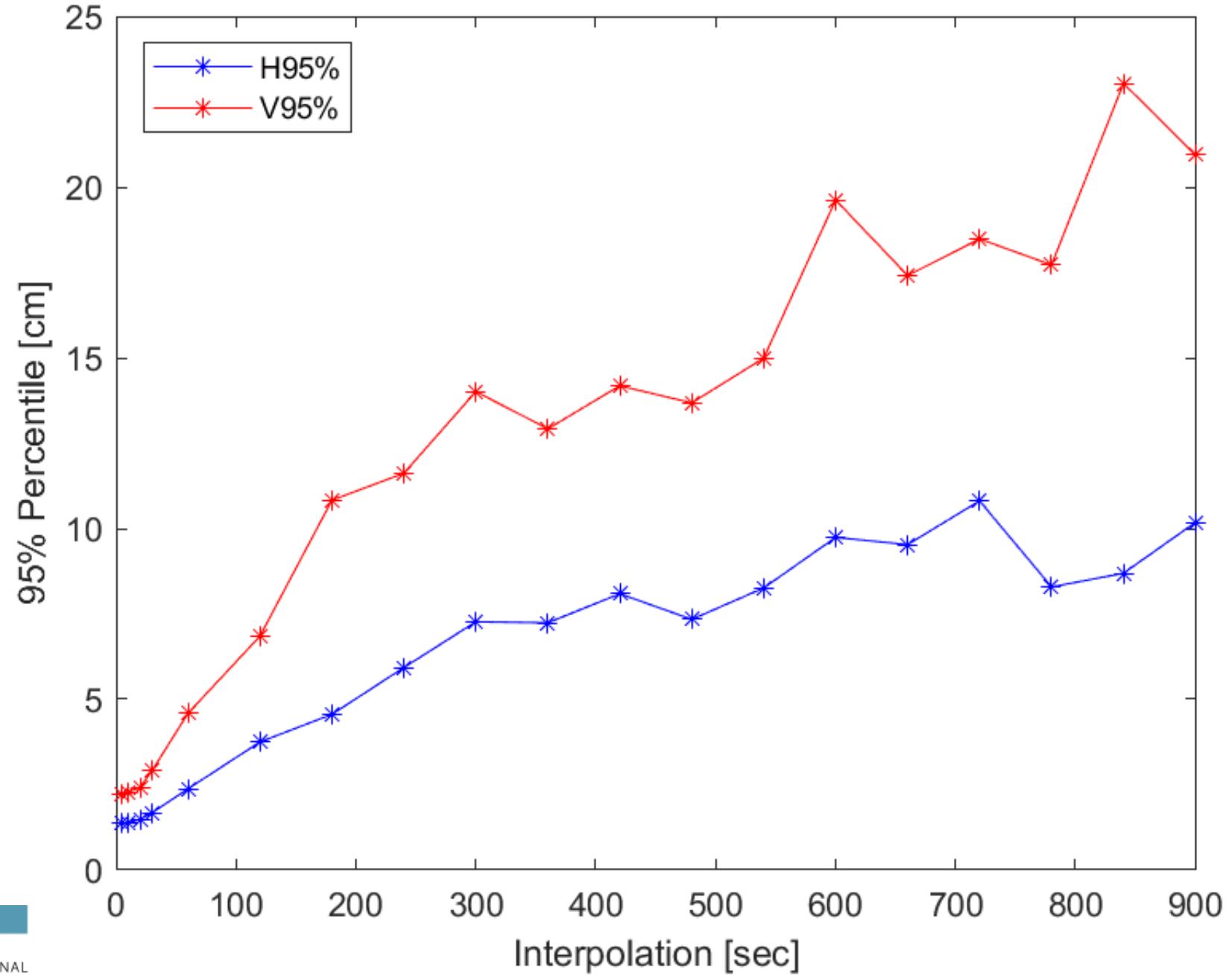
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
H95% and V95%
as function of
interp. interval



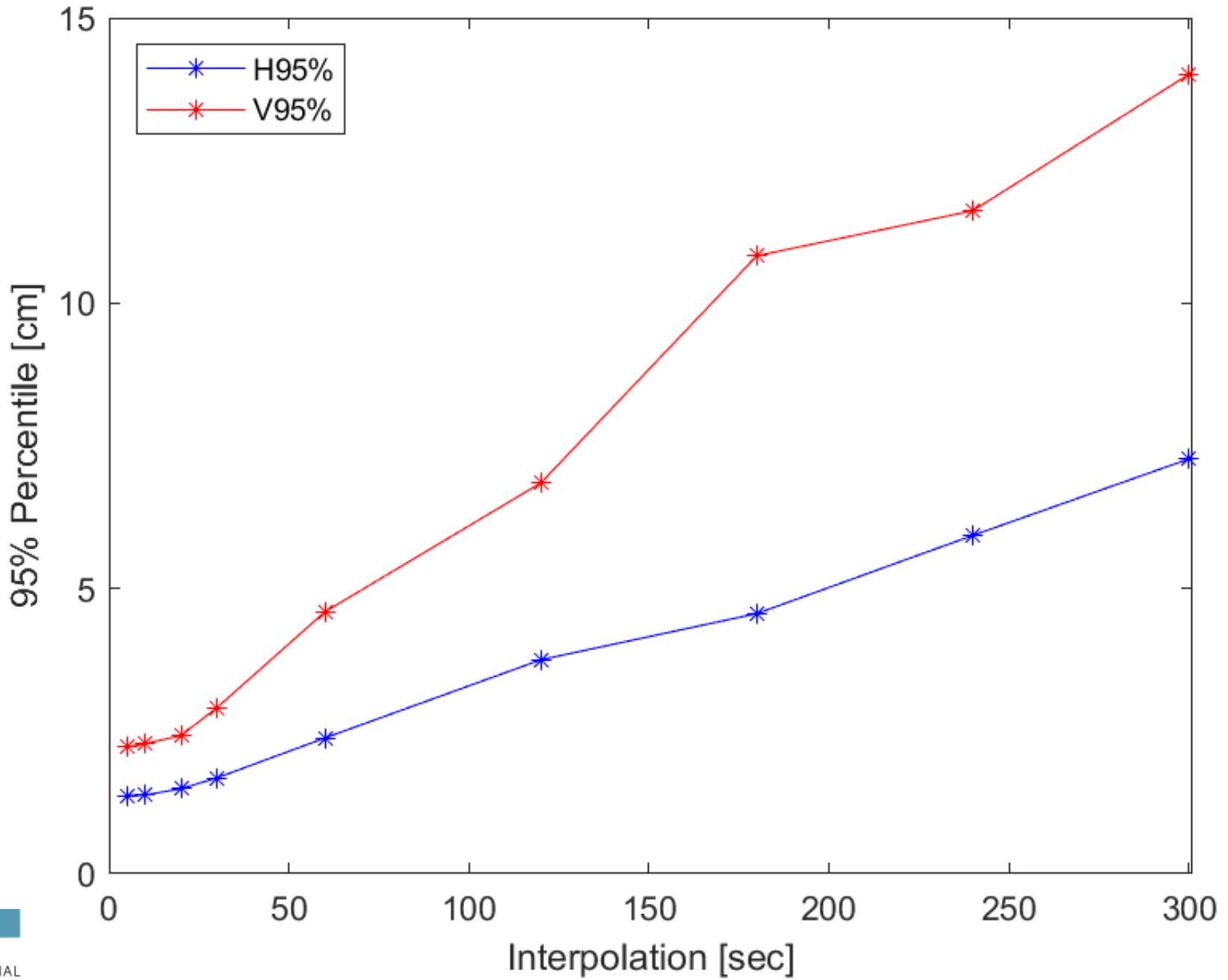
WTZ3

1 Hz RINEX file
kinematic PPP, 7h
H95% and V95%
as function of
interp. interval



WTZ3

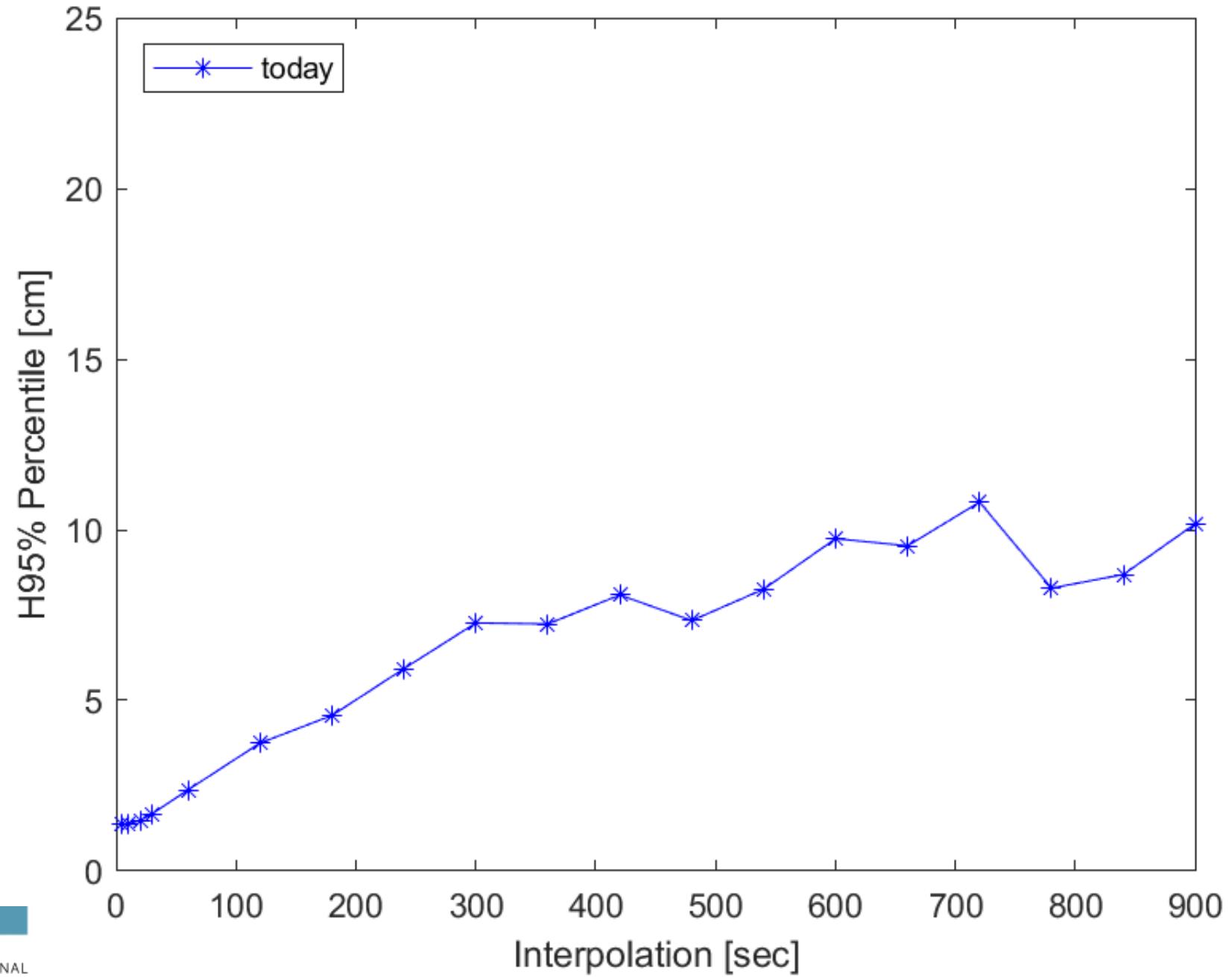
1 Hz RINEX file
kinematic PPP, 7h
H95% and V95%
as function of
interp. interval



WTZ3

1 Hz RINEX file
kinematic PPP, 7h
H95% as function of
interp. interval

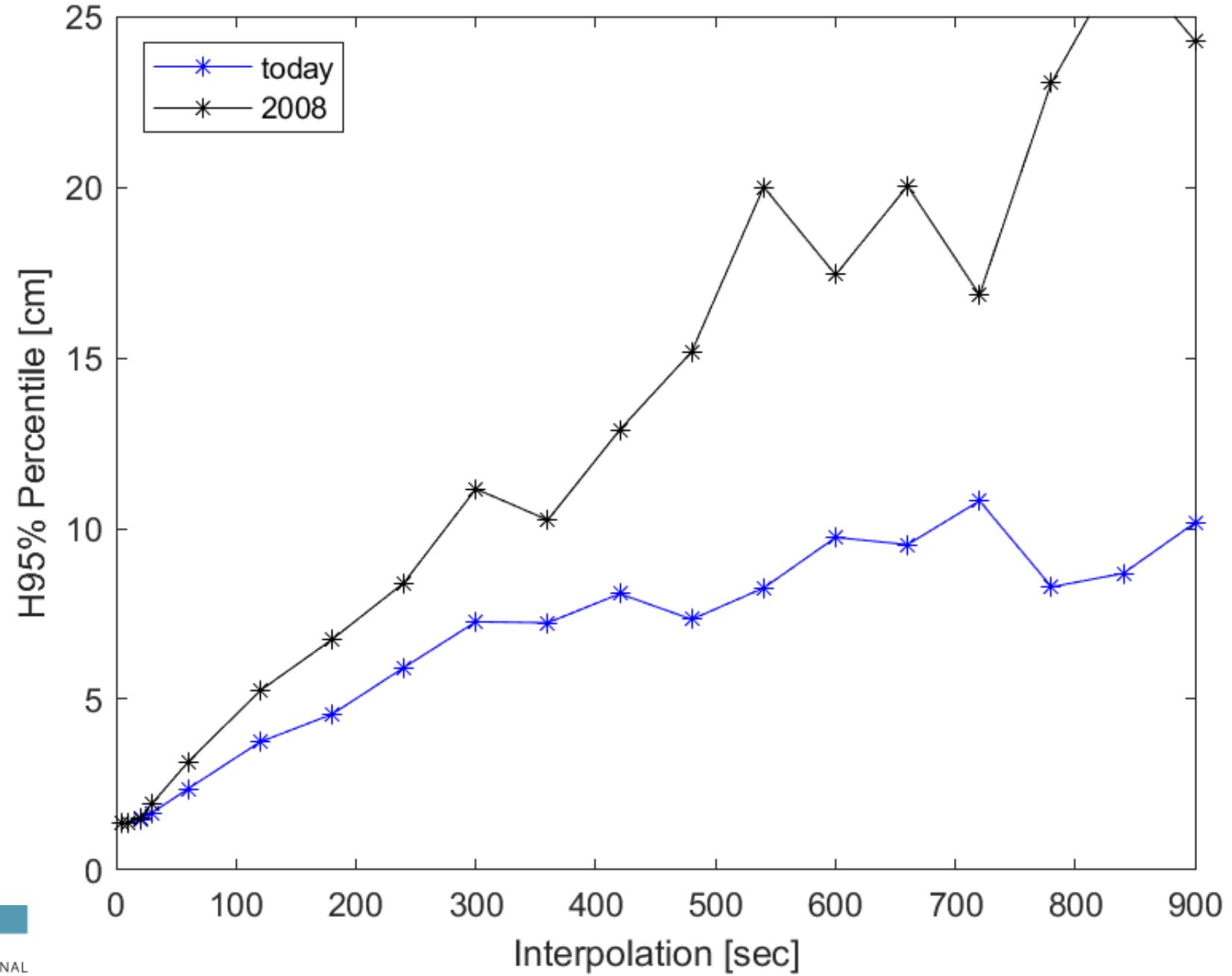
Situation today



WTZ3

1 Hz RINEX file
kinematic PPP, 7h
H95% as function of
interp. interval

Situation 2008
(more Block IIA)



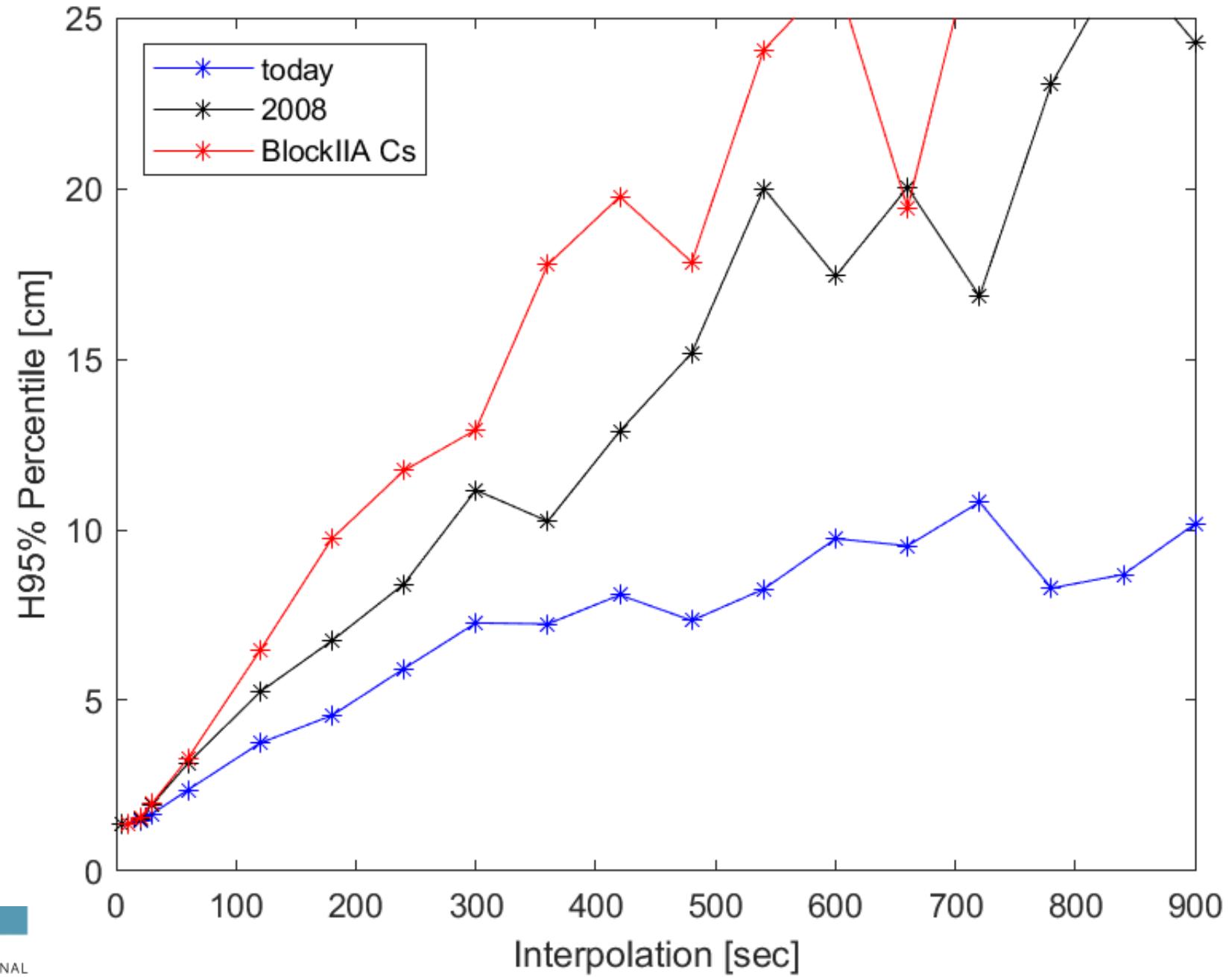
WTZ3

1 Hz RINEX file

kinematic PPP, 7h

H95% as function of
interp. interval

only Block IIA Cs



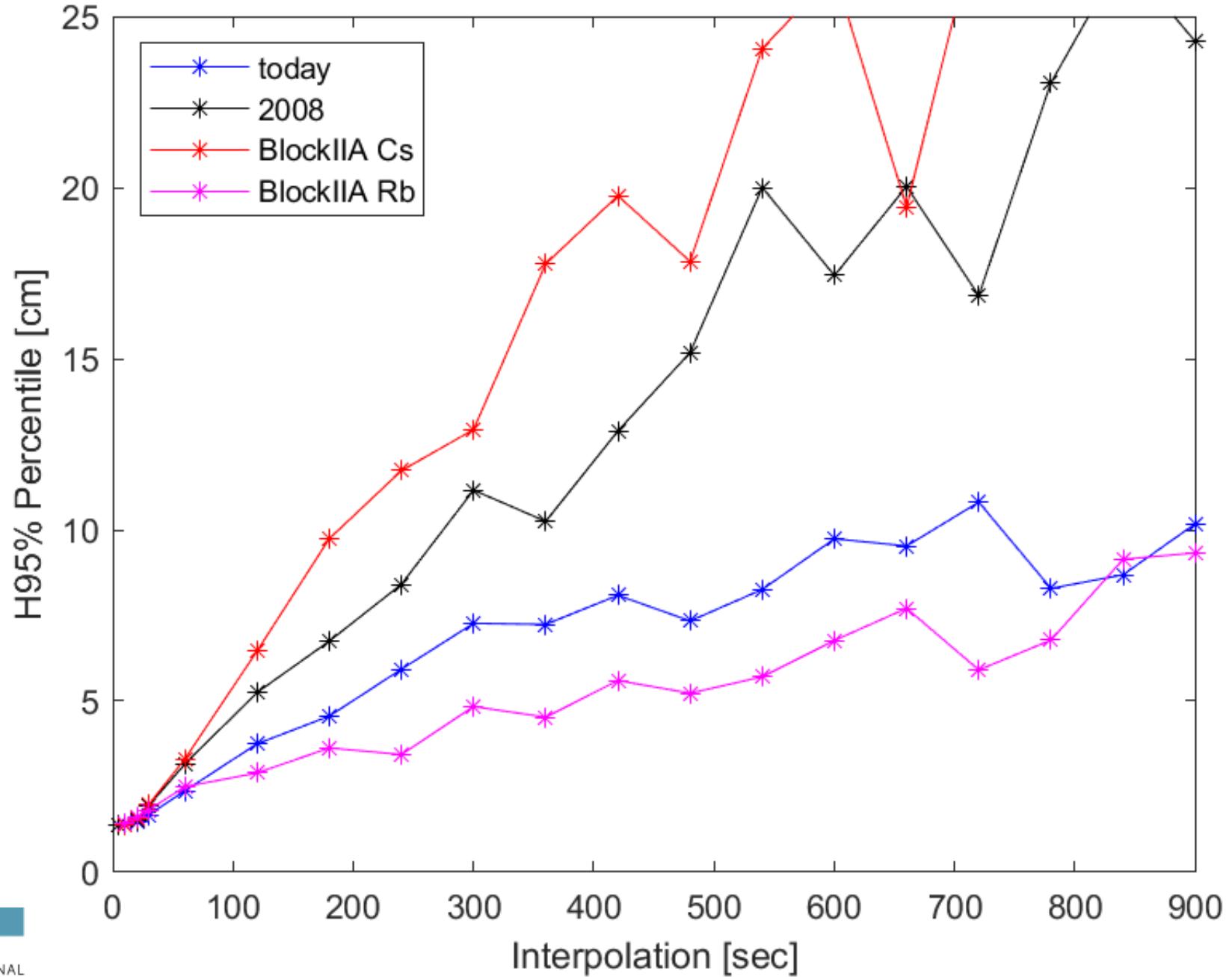
WTZ3

1 Hz RINEX file

kinematic PPP, 7h

H95% as function of
interp. interval

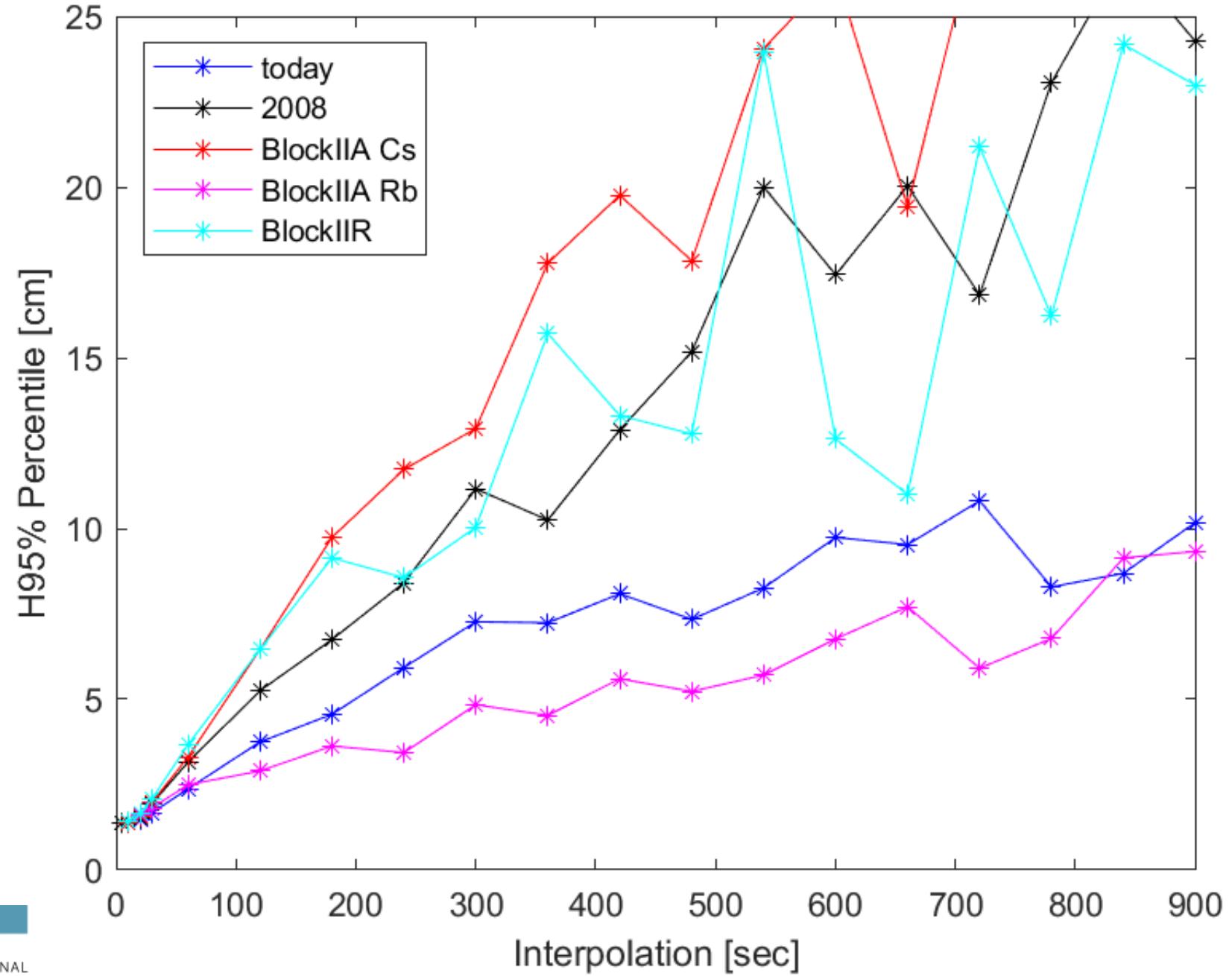
only Block IIA Rb



WTZ3

1 Hz RINEX file
kinematic PPP, 7h
H95% as function of
interp. interval

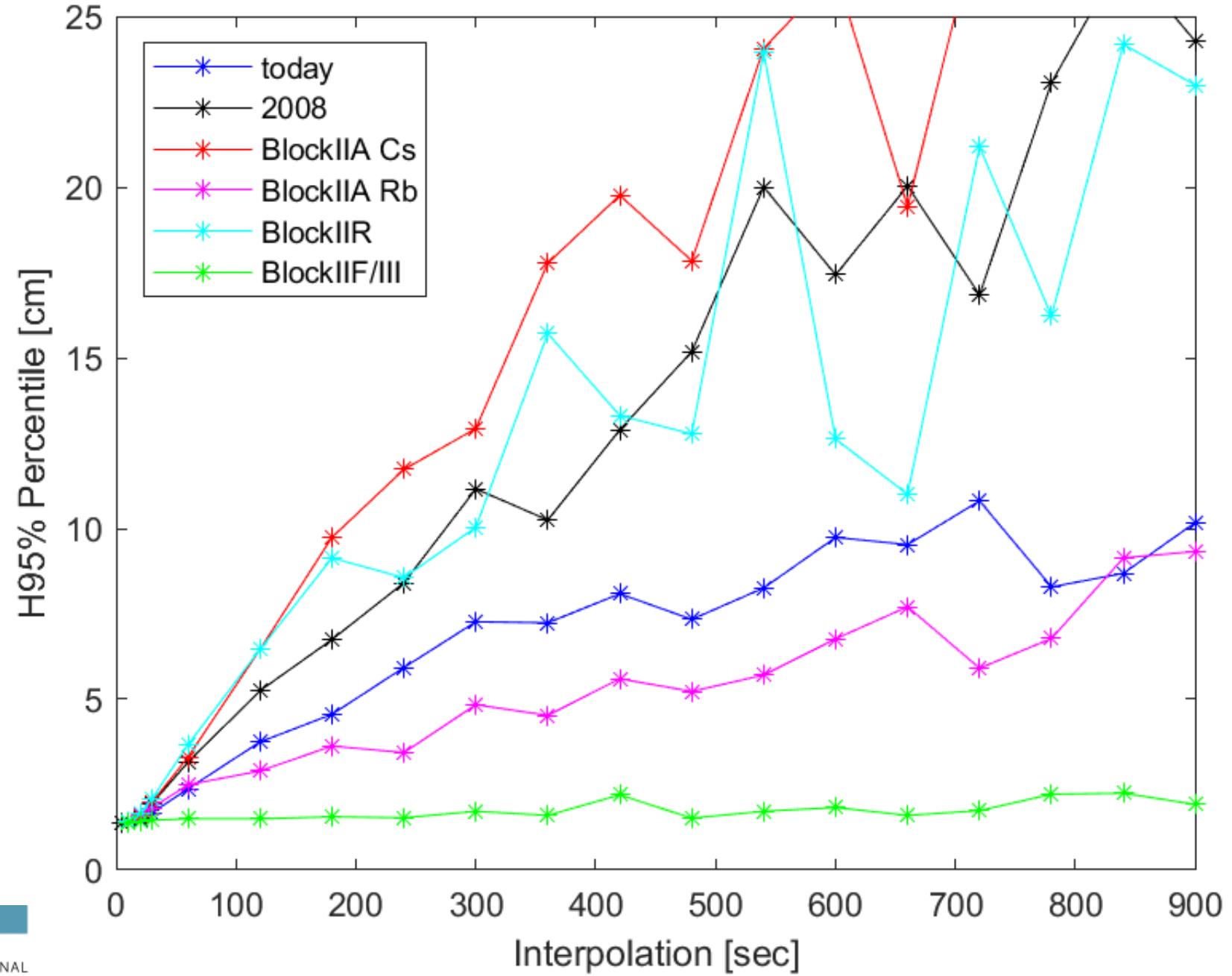
only Block IIR



WTZ3

1 Hz RINEX file
kinematic PPP, 7h
H95% as function of
interp. interval

only Block IIF/III



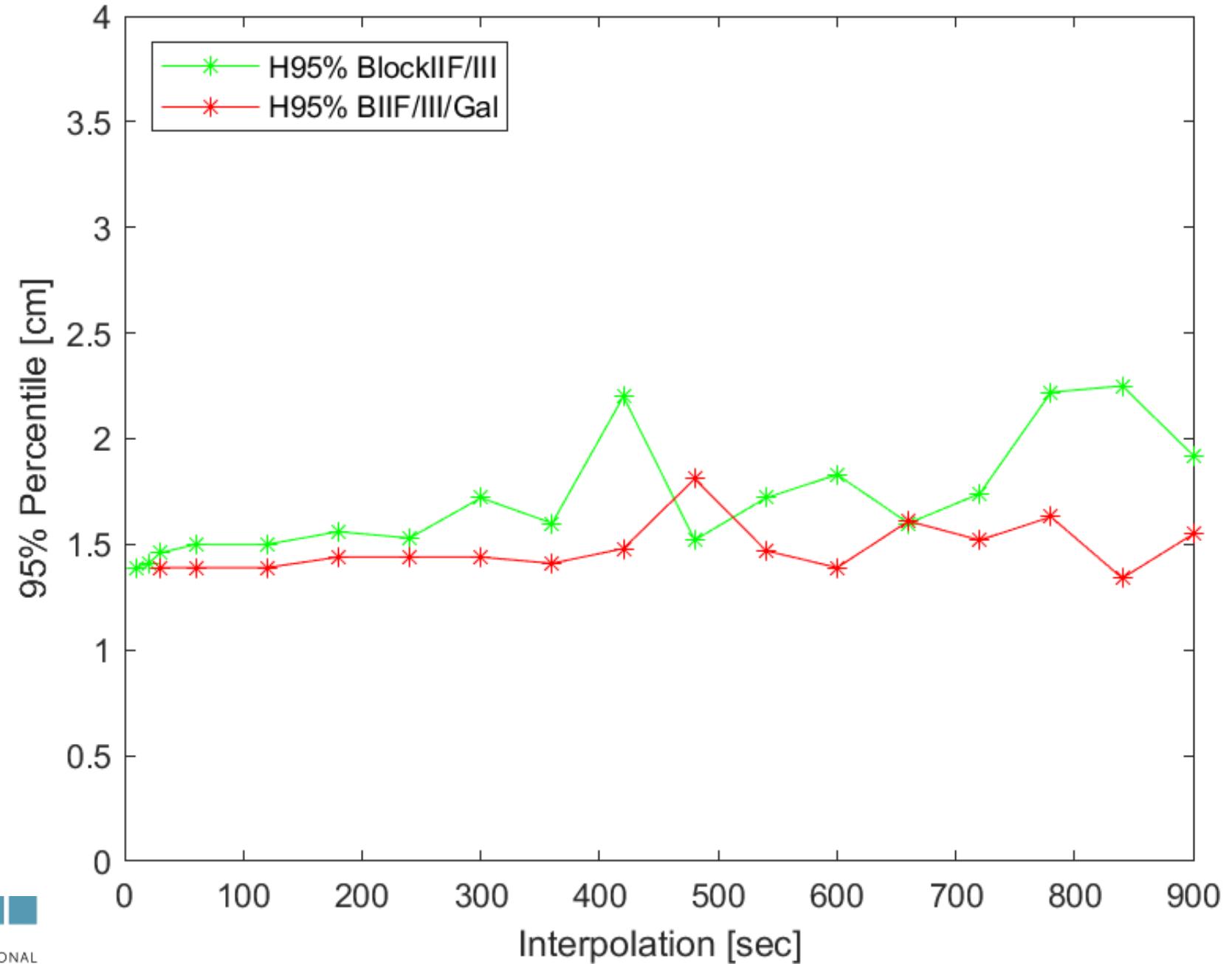
WTZ3

1 Hz RINEX file

kinematic PPP, 7h

H95% as function of
interp. interval

Block IIF/III + Galileo



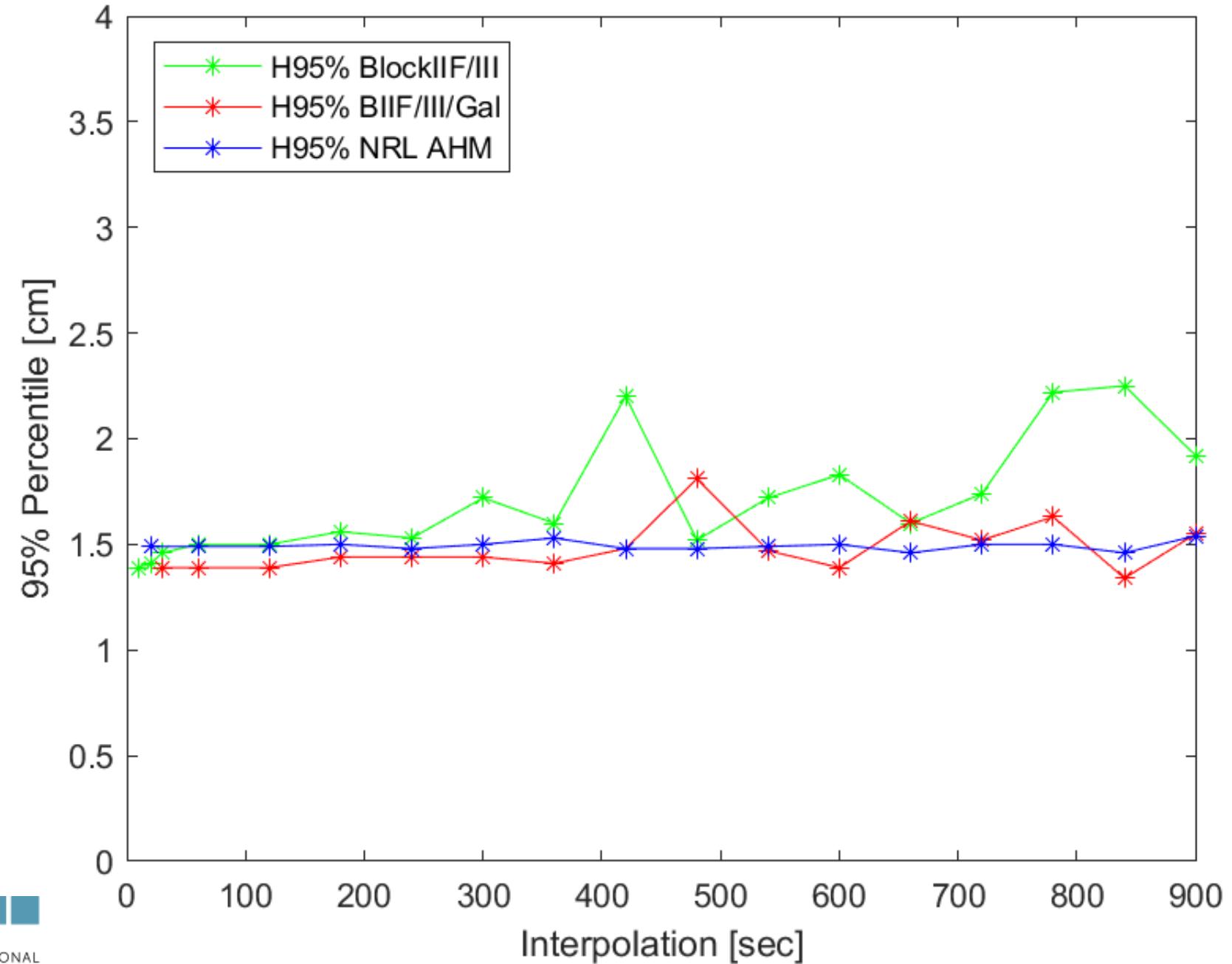
WTZ3

1 Hz RINEX file

kinematic PPP, 7h

H95% as function of
interp. interval

NRL ultrastable AHM



WTZ3

1 Hz RINEX file

kinematic PPP, 7h

H95% as function of
interp. interval

NRL ultrastable AHM

