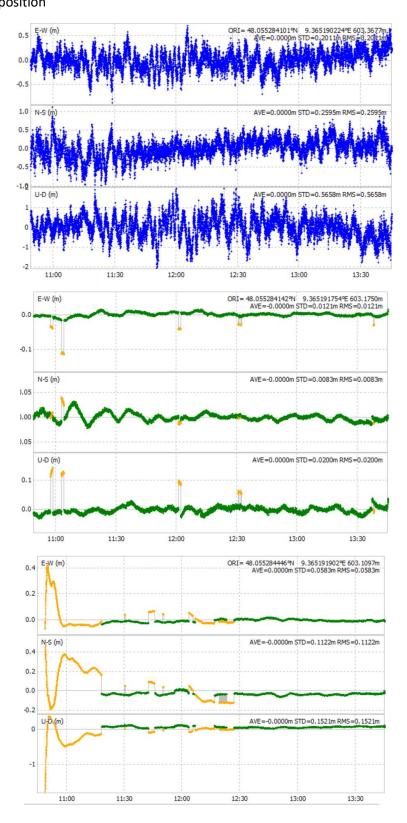
Task 1

1. Comparison of position

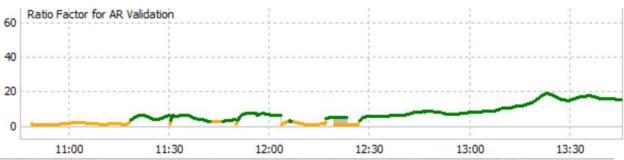


#### 2. ratio factor for AR validation



019/11/21 10:49:00 GPST-11/21 13:45:29 GPST: N=10590 B=11.0km Q=1:10303(97.3%) 2:287(2.7%)





019/11/21 10:49:00 GPST-11/21 13:45:29 GPST: N=10590 B=11.0km Q=1:7492(70.7%) 2:3098(29.3%)

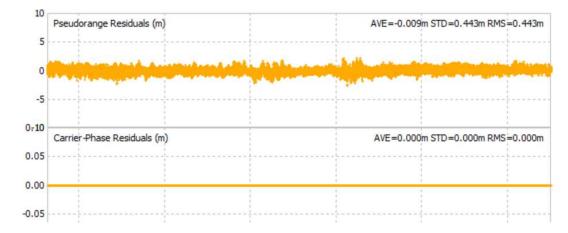
#### **GLONASS**

The ratio factor of "ratio-test" for standard integer ambiguity validation strategy. The value means the ratio of the squared sum of the residuals with the second best integer vector to with the best integer vector.

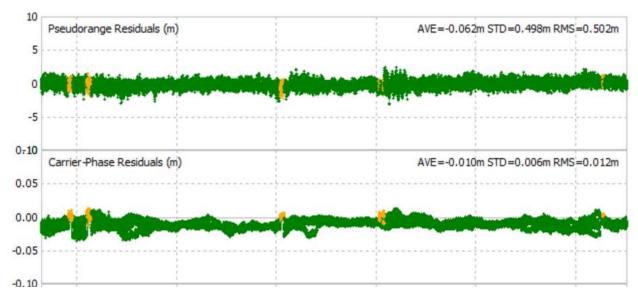
3. percentage of time with fixed/float ambiguities

2.7% vs 29.3%

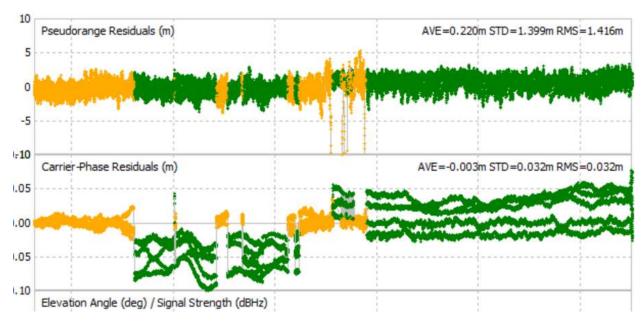
4. pseudorange/carrier face residuals



dgps



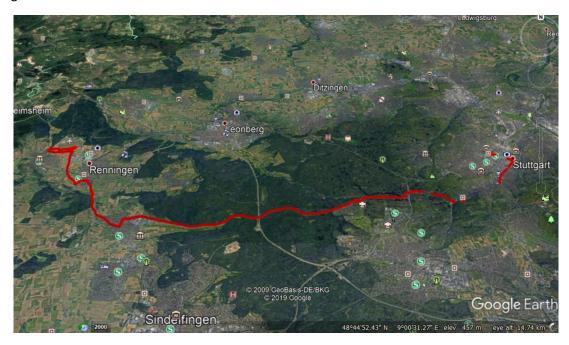
## Rtk-gps



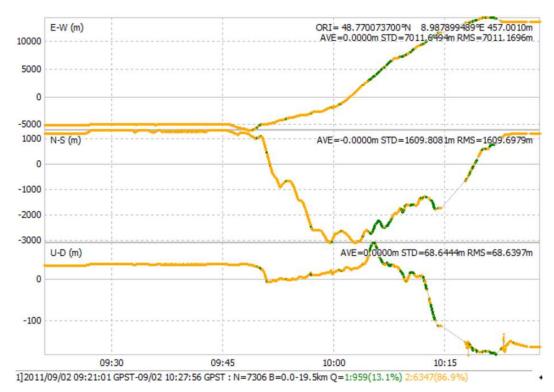
**Rtk-glonass** 

### Task 2

## 1. google earth



# 2. position



## 2. percentage of time

#### 13.1% vs 86.9%

# 3. pseudorange/carrier face residuals

