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[1]. GPS

[2]. GPS

cm

RTK-GPS

GPS

5-30m

(1) データ取得

GPS

(2) レーザレーダデータの対応付け

DP

(, LRD)

走行方向

DP LRD

LRD L1

車線方向

DP LRD

L1 LRD

(3) 位置情報の推定

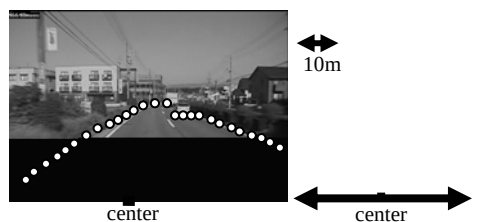
GPS

LRD GPS

RIEGL LMS-Q140i-80
RTK-GPS
444 /
LRD
300m
10 , 1
RD , 9 DP
多備実験結果
DP
1 80.6
DP
1
2

謝辭： 21 COE

- [1] S. Ono, et. al., "Ego-motion estimation for efficient city modeling by using epipolar plane range image", ITSWC2003, 2003
- [2] , " , " , MIRU2005, IS1-43, 2005



1: () ()

1:		
	96.9	86.8

	2 : GPS	
	GPS	
	7.2m	4.3m