Num of Trains=10 (5 up, 5 down)

 $End_sim_time = 30000,$

getSpottingsNowTime = 21000,

peakThres=5 (500 meters both sides)

PosConf calculated for each point at distance of= 100 meters

Starting time gap between trains=30 min (1800 sec)

 $Halt_time_of_Train = 20 sec$

 $Speed_of_The_Train = 14 \text{ m/sec } (50.4 \text{ km/h})$

0.2 No. of passengers=5000

0.2.1 central up route

Table 5: Ground truth value	
Positions	NearestEstDis
\mathbf{m}	m
12 246.00	154.00
21442.00	158.00
34644.00	156.00
44120.00	180.00
57 878.00	7778.00

Table 6: Estimated Value	
Positions	NearestTruthDis
m	m
12 400.00	154.00
21600.00	158.00
34800.00	156.00
44300.00	180.00
50100.00	5980.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

0.2.2 central down route

 Table 7: Ground truth value

 Positions
 NearestEstDis

 m
 m

 124.00
 176.00

 5594.00
 94.00

 21 964.00
 64.00

 27 440.00
 40.00

 44 634.00
 34.00

Table 8: H	Estimated Value
Positions	NearestTruthDis
m	m
300.00	176.00
5500.00	94.00
11800.00	6206.00
21900.00	64.00
27400.00	40.00
44600.00	34.00
45300.00	666.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"