

Num of Trains=10 (5 up, 5 down)
 End_sim_time = 20000,
 getSpottingNowTime = 10000,
 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 m/sec (50.4 km/h)

0.1 No. of passengers=1000

0.1.1 central up route

| Table 1: Ground truth value | | Table 2: Estimated Value | |
|-----------------------------|----------------------|--------------------------|------------------------|
| <i>Positions</i> | <i>NearestEstDis</i> | <i>Positions</i> | <i>NearestTruthDis</i> |
| m | m | m | m |
| 6286.00 | 314.00 | 6600.00 | 314.00 |
| 15 202.00 | 298.00 | 15 500.00 | 298.00 |
| 28 116.00 | 284.00 | 28 400.00 | 284.00 |
| 33 886.00 | 314.00 | 34 200.00 | 314.00 |
| 51 074.00 | 326.00 | 51 400.00 | 326.00 |
| | | "AvgPosConf | 1.00" |
| | | "MaxPosConf | 1.00" |

0.1.2 central down route

| Table 3: Ground truth value | | Table 4: Estimated Value | |
|-----------------------------|----------------------|--------------------------|------------------------|
| <i>Positions</i> | <i>NearestEstDis</i> | <i>Positions</i> | <i>NearestTruthDis</i> |
| m | m | m | m |
| 6084.00 | 284.00 | 5800.00 | 284.00 |
| 15 002.00 | 9202.00 | 27 800.00 | 398.00 |
| 28 198.00 | 198.00 | 28 000.00 | 198.00 |
| 33 954.00 | 254.00 | 33 700.00 | 254.00 |
| 50 882.00 | 17 182.00 | "AvgPosConf | 1.00" |
| | | "MaxPosConf | 1.00" |