1000
800
600
400
200
0
-200
-400
-600
-800
-1000
Doppler Shift[Hz]
0
500
1000
1500
2000
2500
3000
3500
Train position [m]
RRH$_{k-1}$
RRH$_{k}$
RRH$_{k+1}$
RRH$_{k+2}$
RRH$_{k+3}$