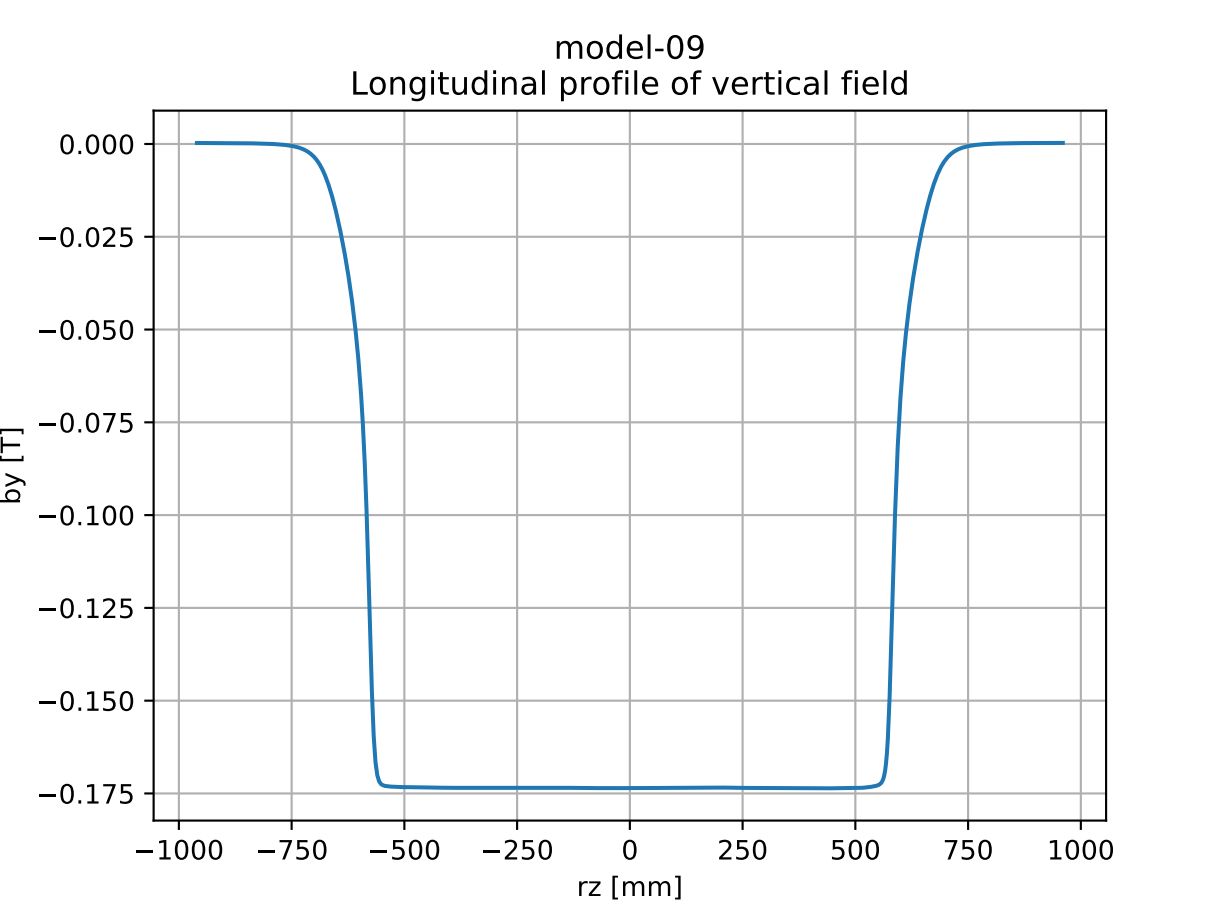
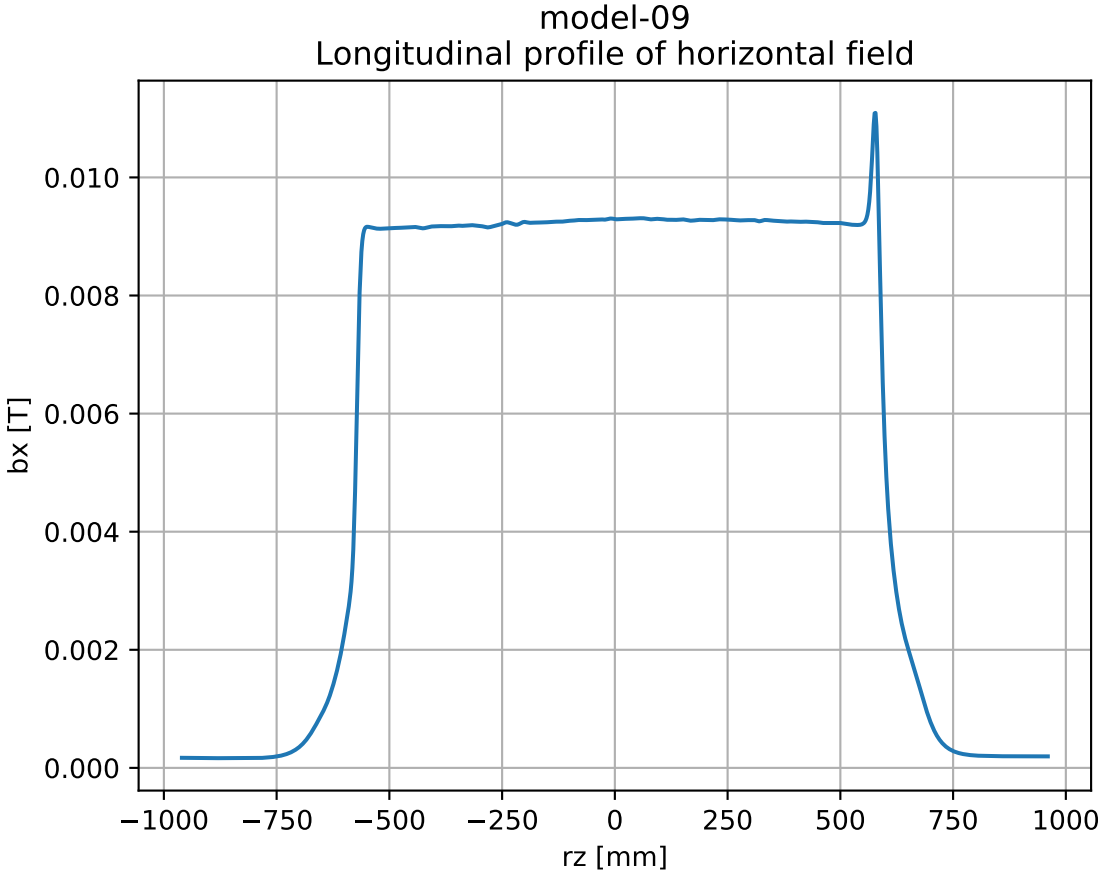
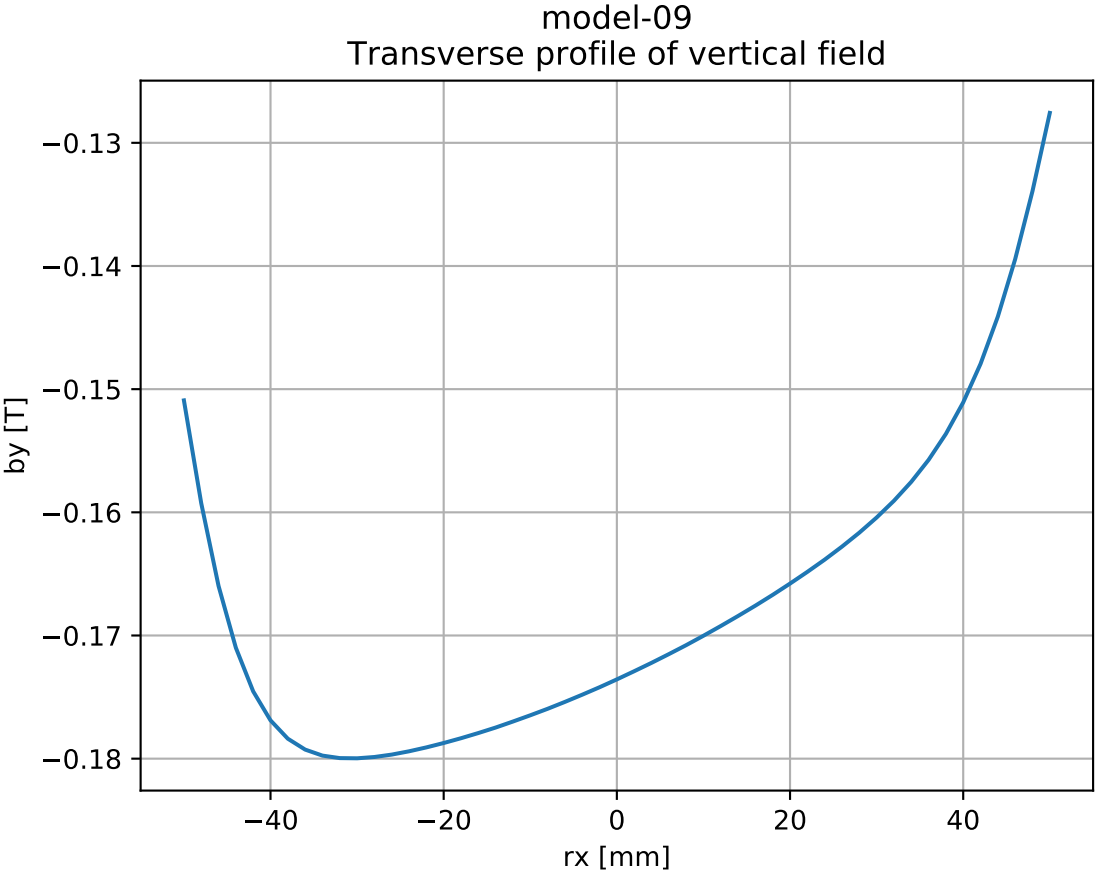
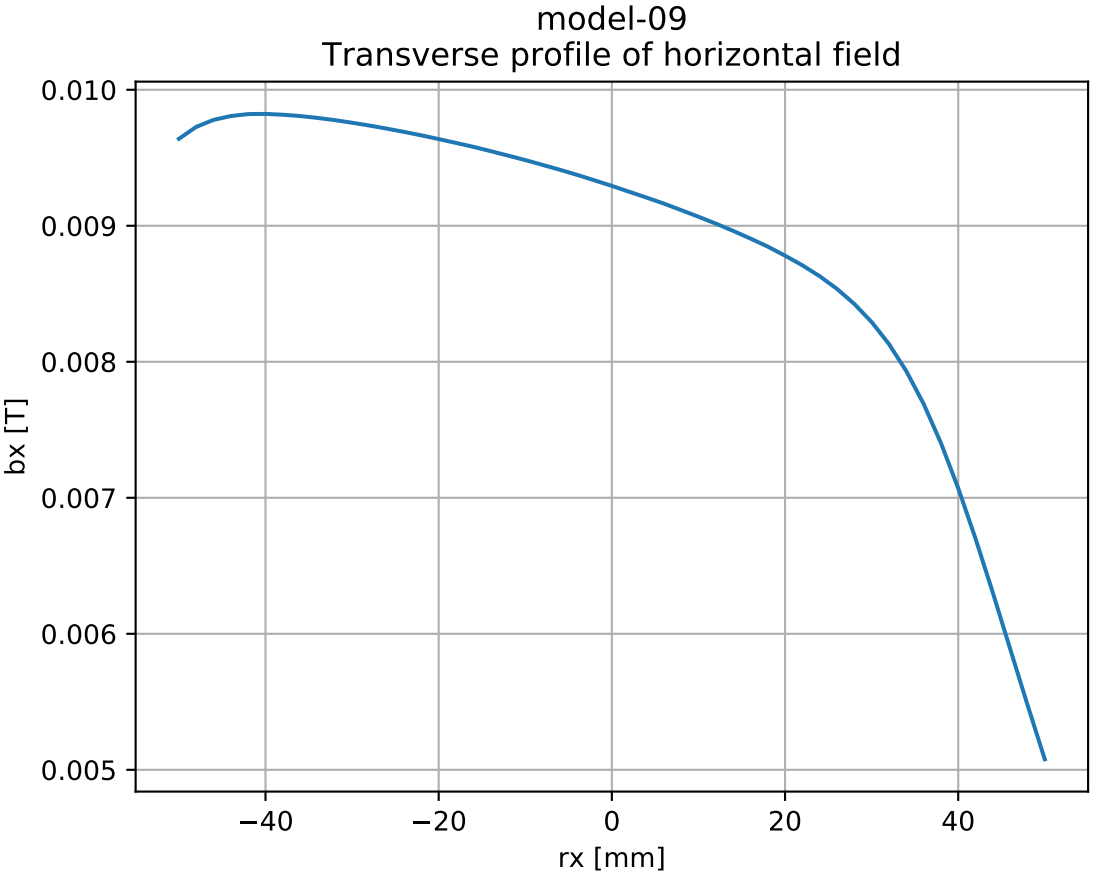
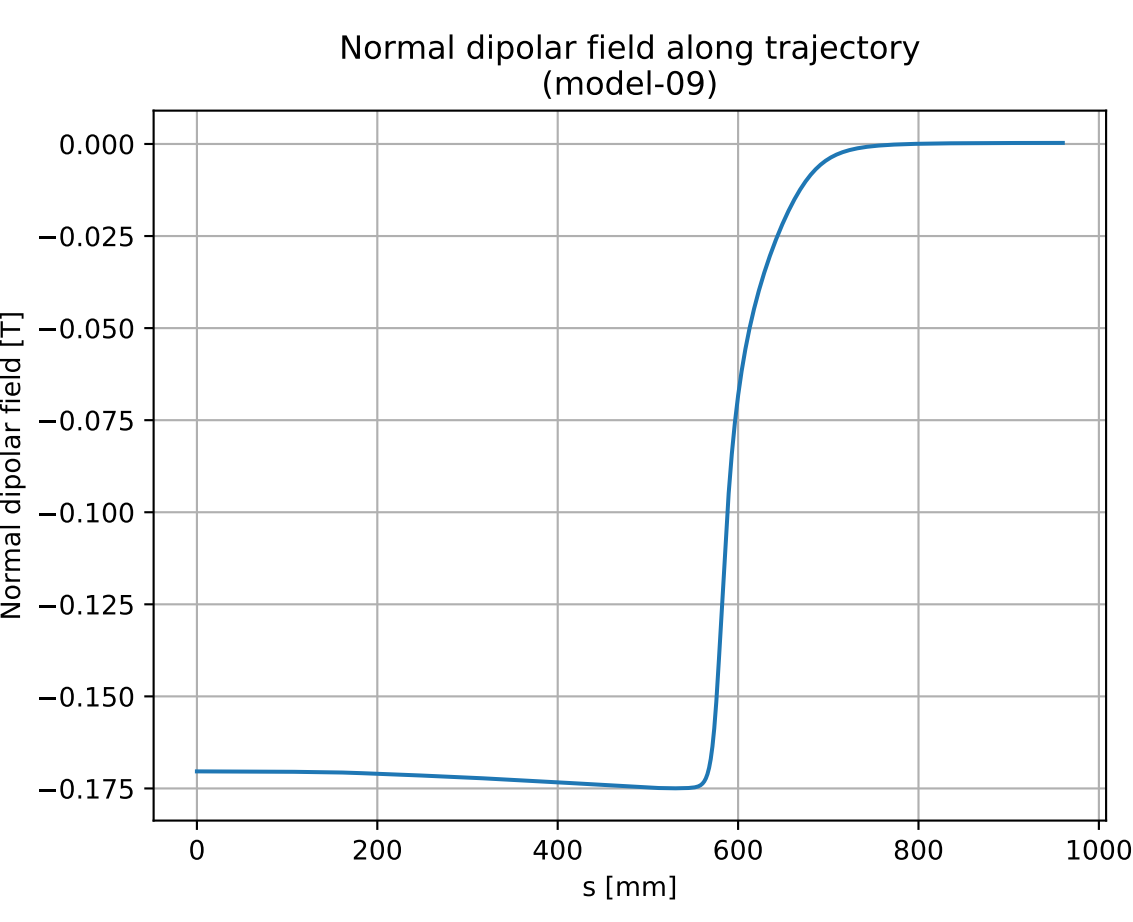
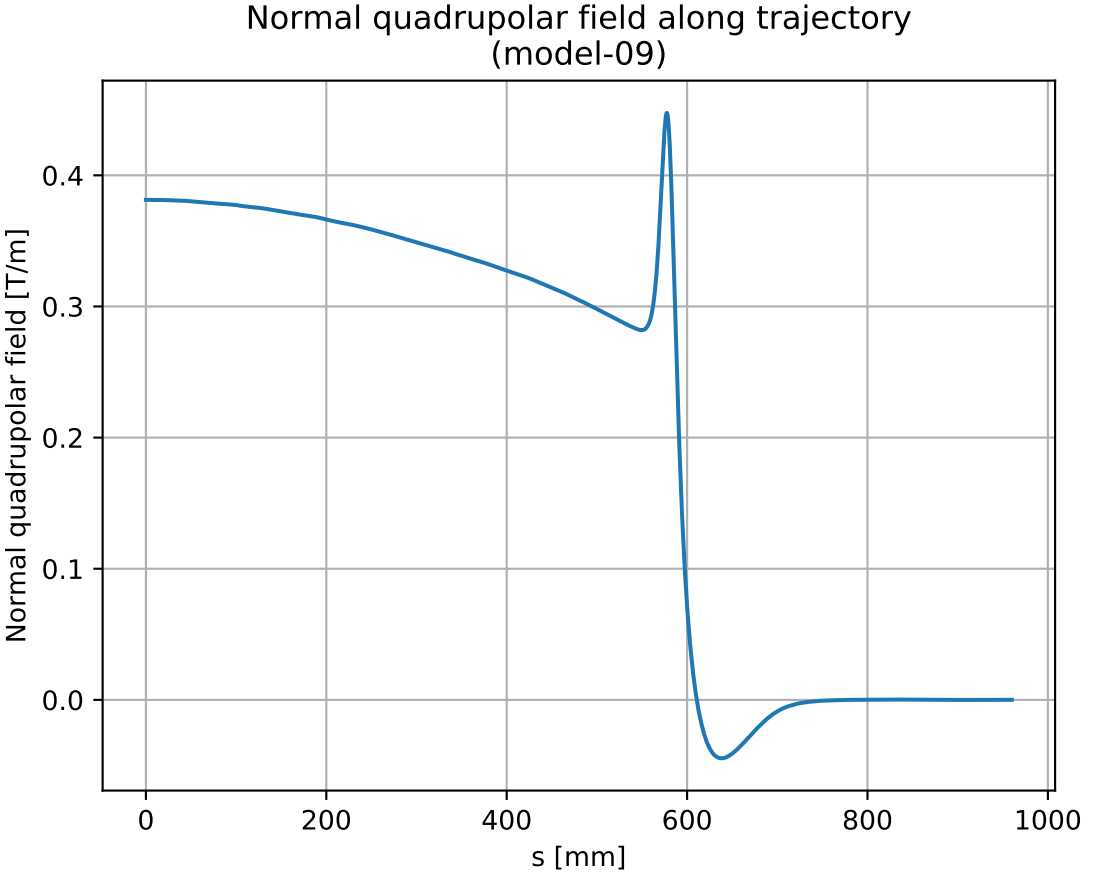

model-09
Longitudinal profile of vertical field
0.000
−0.025
−0.050
−0.075
−0.100
−0.125
−0.150
−0.175
by [T]
−1000
−750
−500
−250
0
250
500
750
1000
rz [mm]

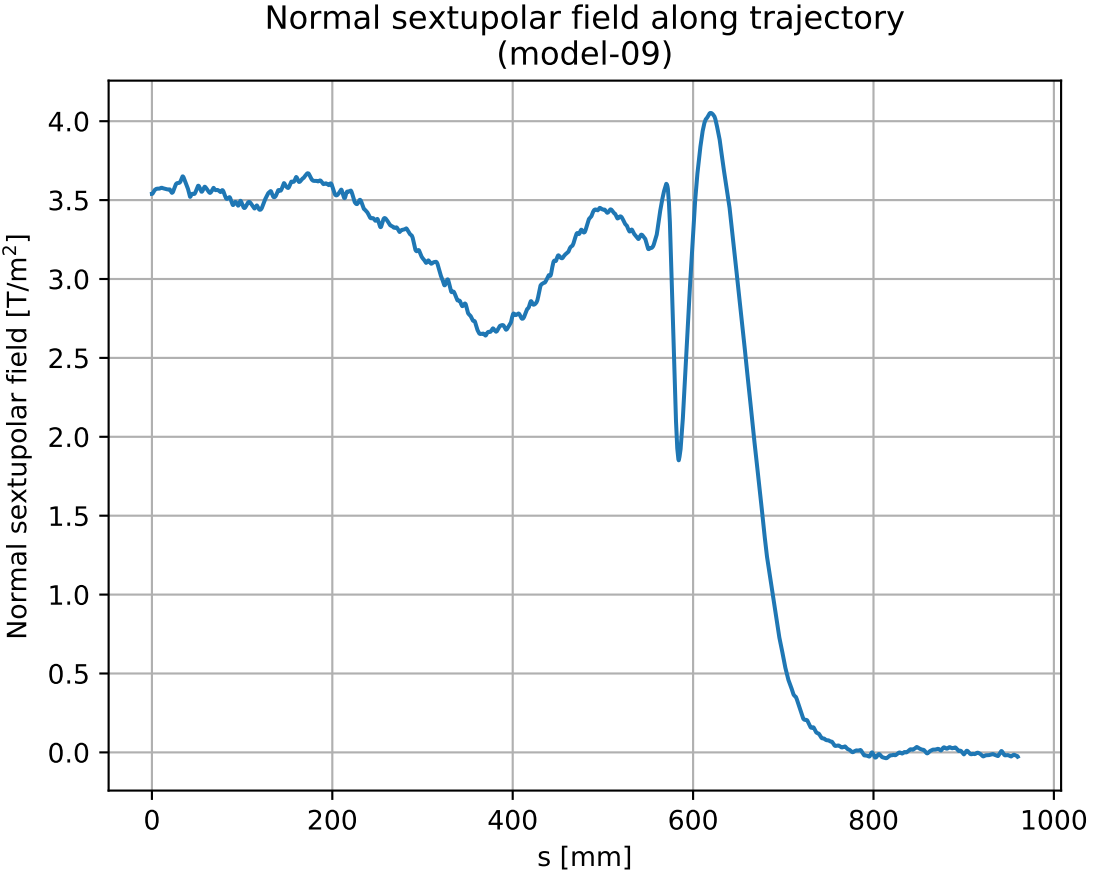

model-09
Longitudinal profile of horizontal field
bx [T]
0.010
0.008
0.006
0.004
0.002
0.000
−1000
−750
−500
−250
0
250
500
750
1000
rz [mm]

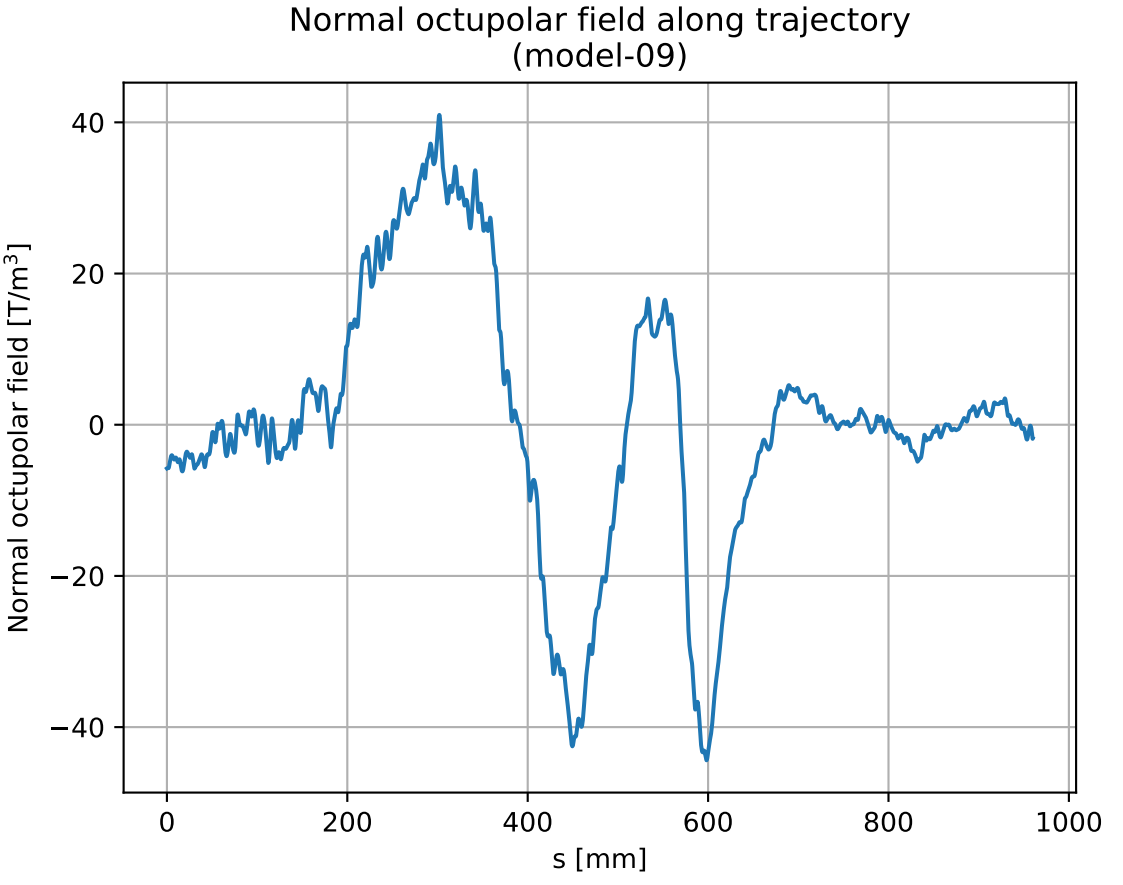

model-09
Transverse profile of vertical field
−0.13
−0.14
−0.15
−0.16
−0.17
−0.18
by [T]
−40
−20
0
20
40
rx [mm]

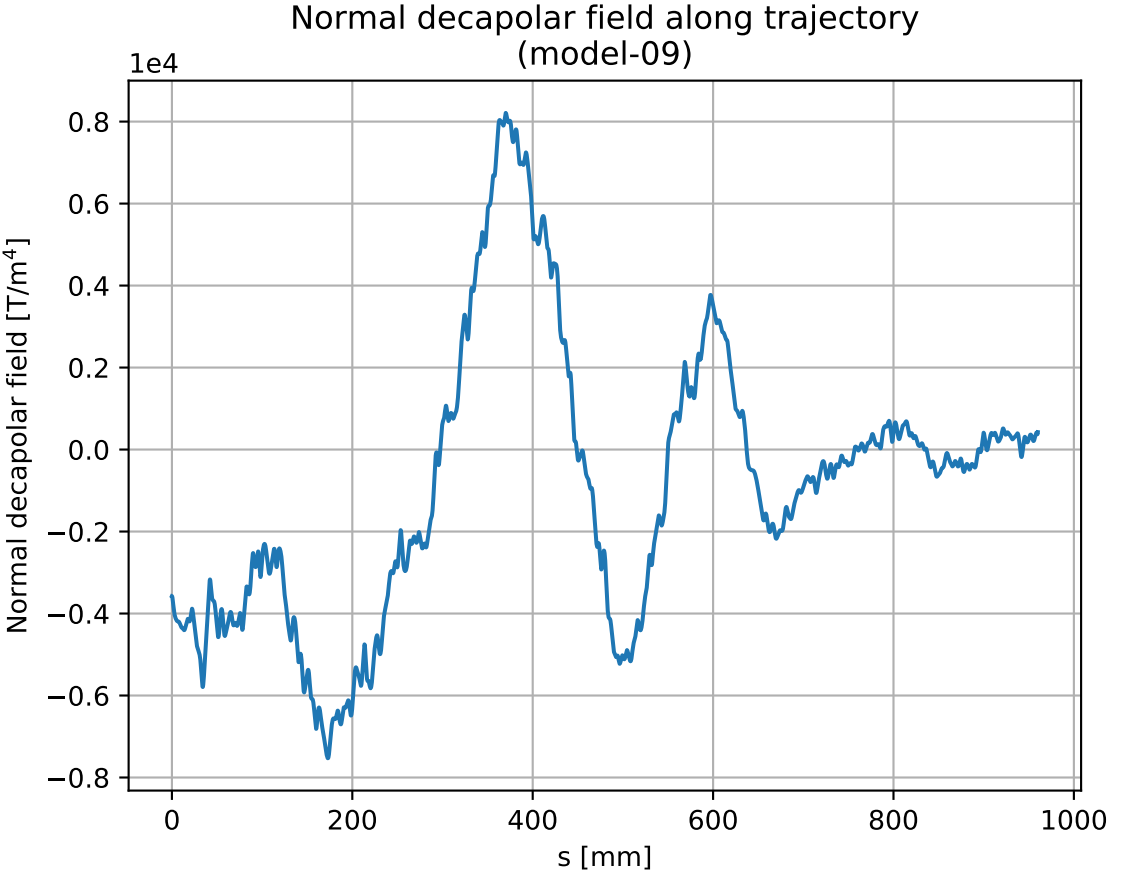

model-09
Transverse profile of horizontal field
0.010
0.009
0.008
0.007
0.006
0.005
bx [T]
−40
−20
0
20
40
rx [mm]

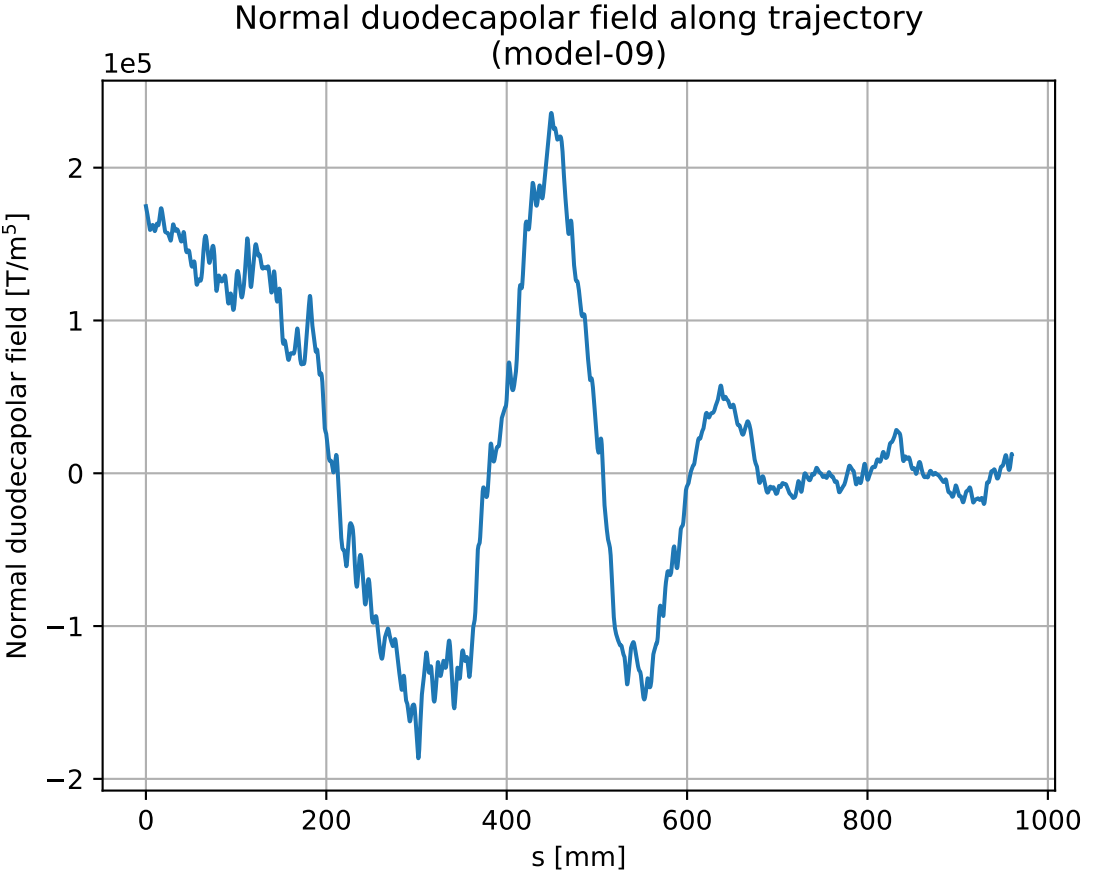

Normal dipolar field along trajectory
(model-09)
Normal dipolar field [T]
0.000
−0.025
−0.050
−0.075
−0.100
−0.125
−0.150
−0.175
0
200
400
600
800
1000
s [mm]

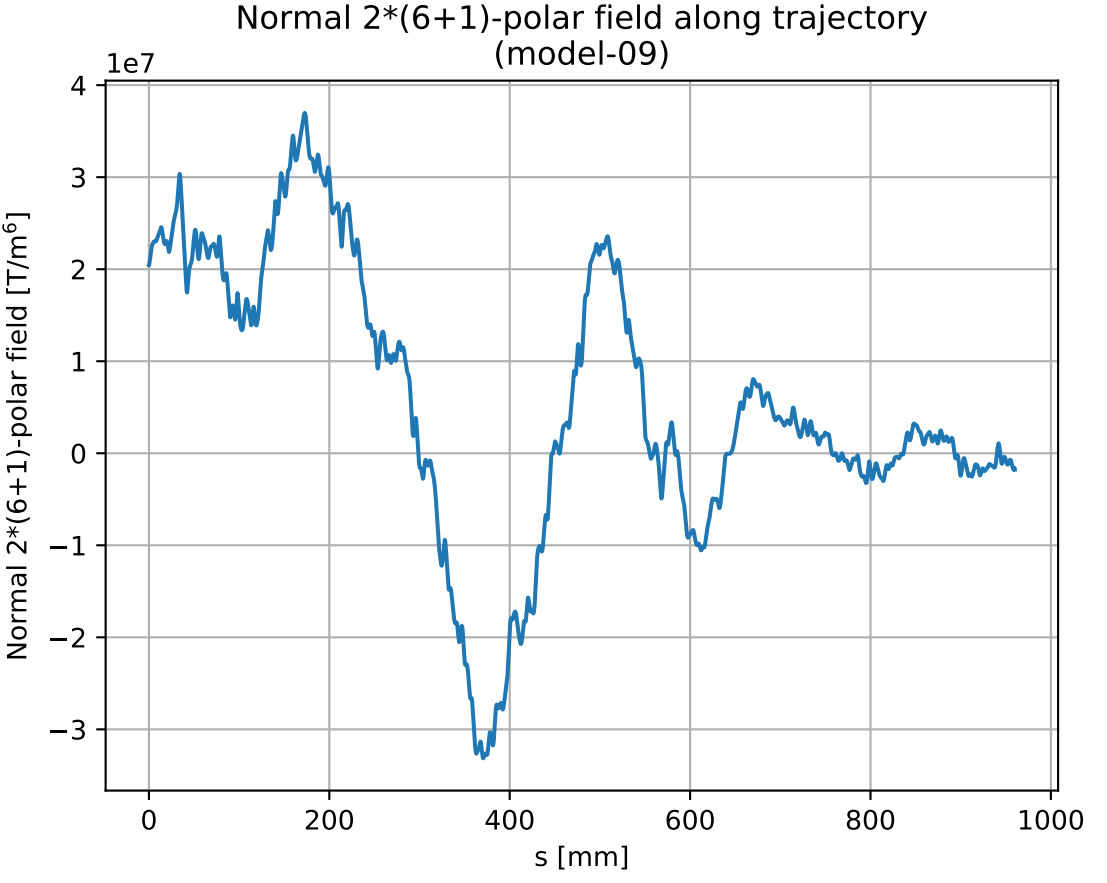

Normal quadrupolar field along trajectory
(model-09)
Normal quadrupolar field [T/m]
0.4
0.3
0.2
0.1
0.0
0
200
400
600
800
1000
s [mm]

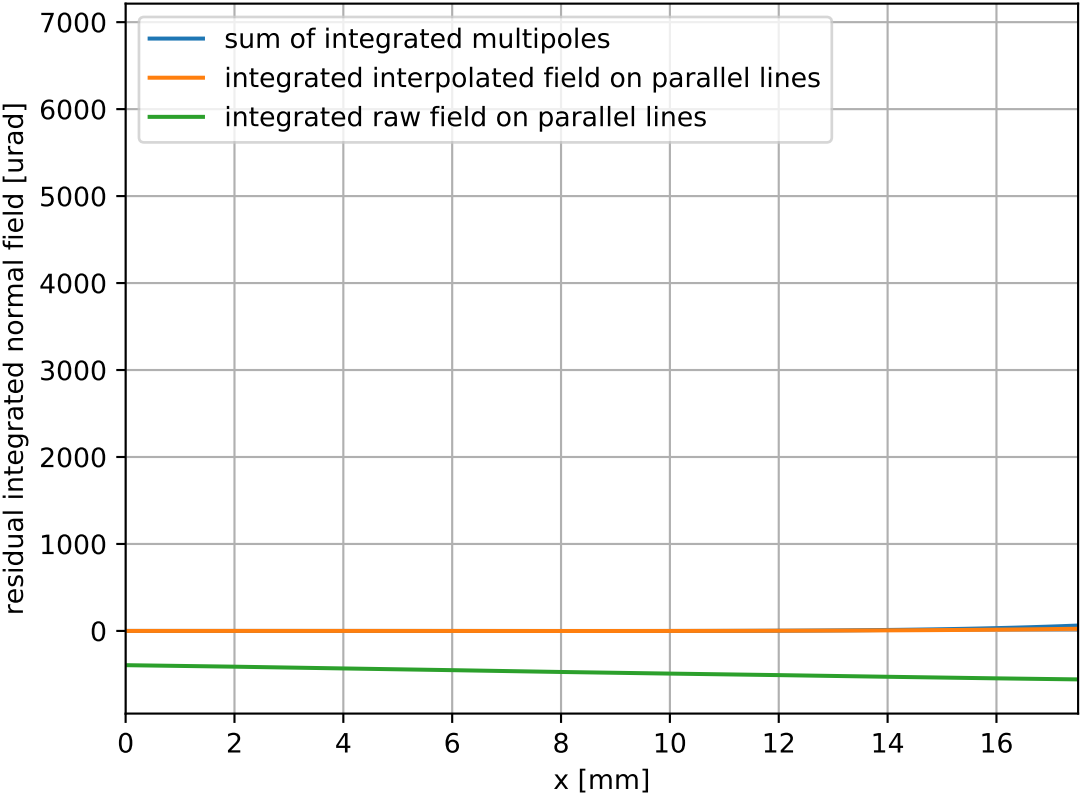

Normal sextupolar field along trajectory
(model-09)
Normal sextupolar field [T/m^2]
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
200
400
600
800
1000
s [mm]


Normal octupolar field along trajectory
(model-09)
Normal octupolar field [T/m^3]
40
20
0
−20
−40
0
200
400
600
800
1000
s [mm]


Normal decapolar field along trajectory
(model-09)
1e4
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
Normal decapolar field [T/m^4]
0
200
400
600
800
1000
s [mm]


Normal duodecapolar field along trajectory
(model-09)
1e5
2
1
0
−1
−2
Normal duodecapolar field [T/m^5]
0
200
400
600
800
1000
s [mm]


Normal 2*(6+1)-polar field along trajectory
(model-09)
1e7
4
3
2
1
0
−1
−2
−3
Normal 2*(6+1)-polar field [T/m^6]
0
200
400
600
800
1000
s [mm]


sum of integrated multipoles
integrated interpolated field on parallel lines
integrated raw field on parallel lines
residual integrated normal field [urad]
7000
6000
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
x [mm]