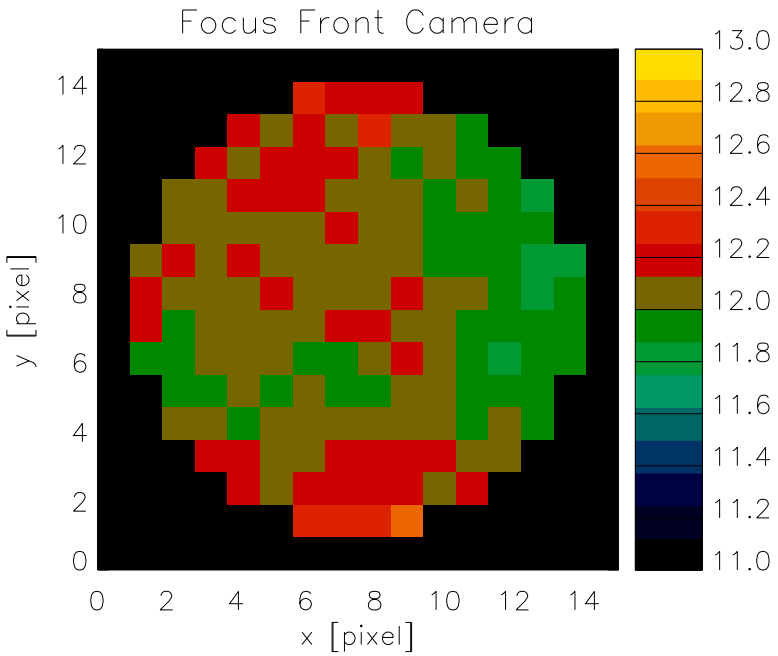
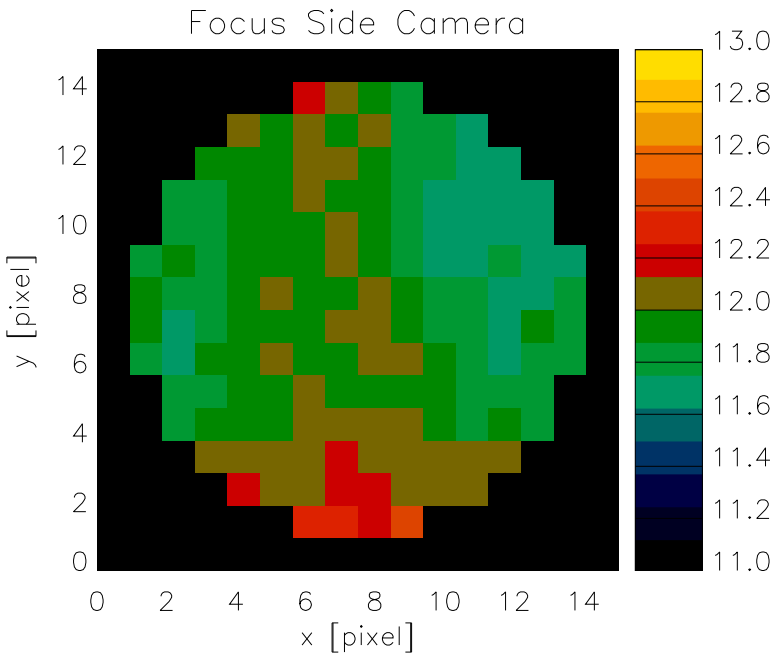
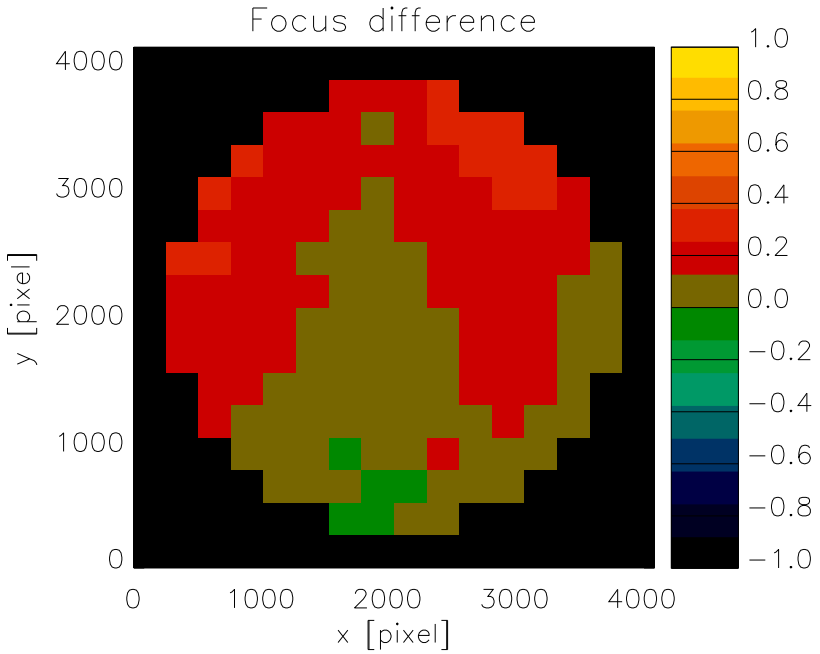
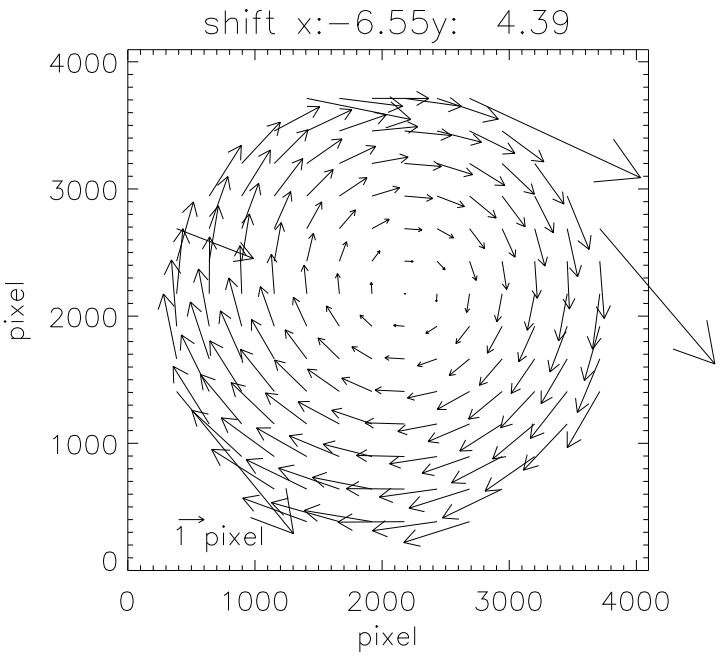
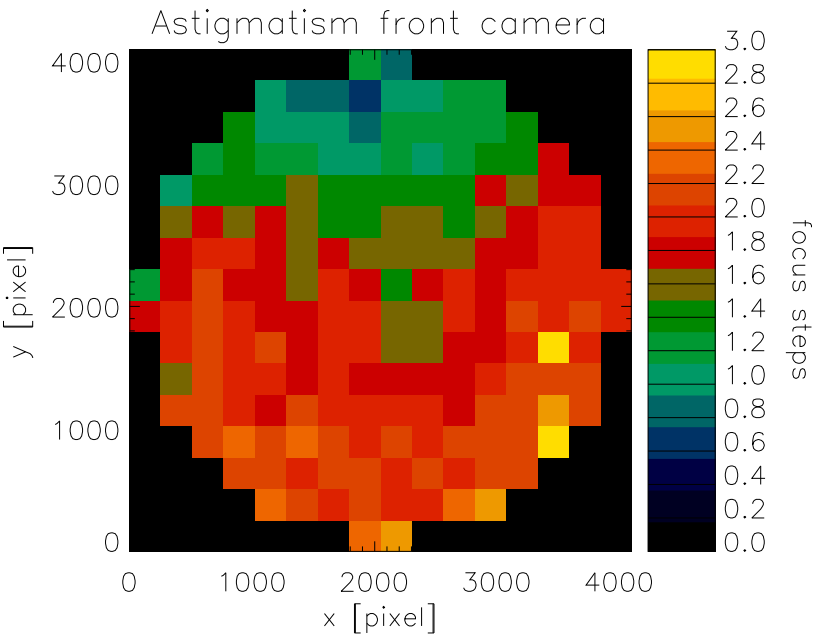
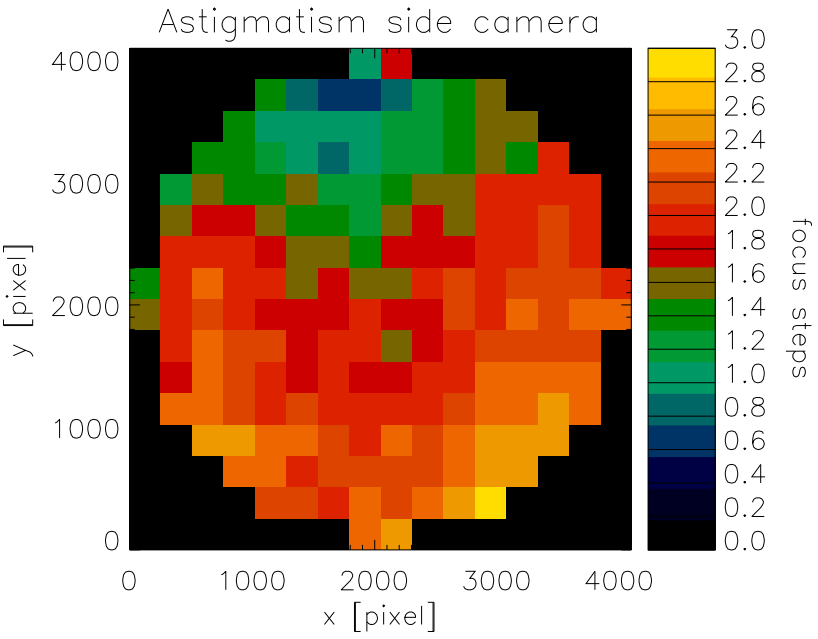

Focus Front Camera
y [pixel]
x [pixel]
0
2
4
6
8
10
12
14
13.0
12.8
12.6
12.4
12.2
12.0
11.8
11.6
11.4
11.2
11.0

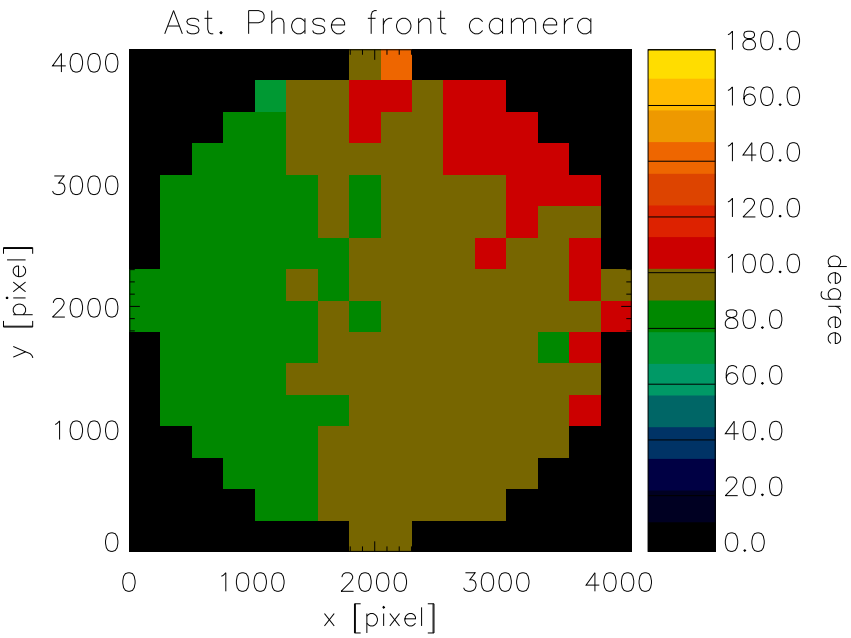

Focus Side Camera
y [pixel]
x [pixel]
0
2
4
6
8
10
12
14
13.0
12.8
12.6
12.4
12.2
12.0
11.8
11.6
11.4
11.2
11.0

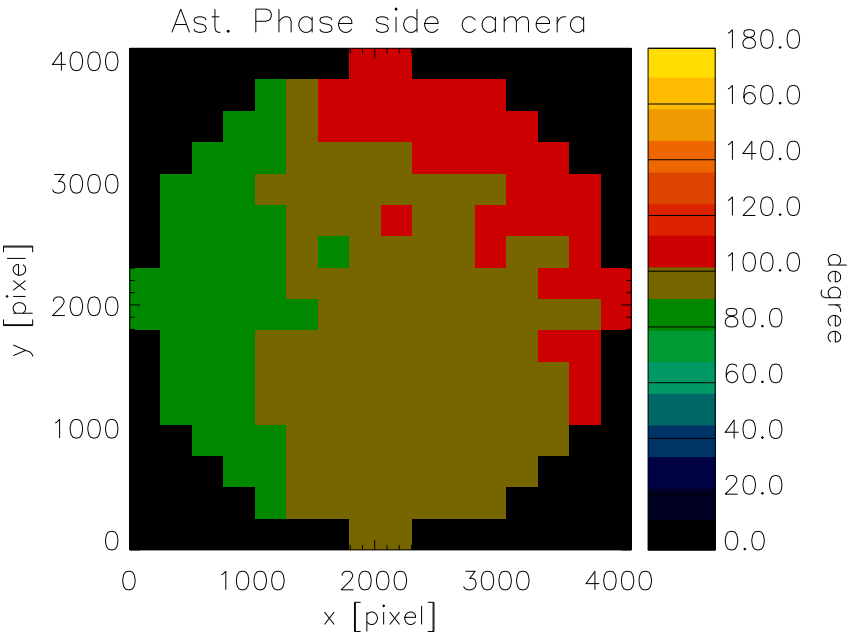

Focus difference
4000
3000
2000
1000
0
y [pixel]
0
1000
2000
3000
4000
x [pixel]
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0


shift x:−6.55y: 4.39
4000
3000
2000
1000
0
pixel
0
1000
2000
3000
4000
pixel
1 pixel


Astigmatism front camera
4000
3000
2000
1000
0
y [pixel]
0
1000
2000
3000
4000
x [pixel]
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
focus steps


Astigmatism side camera
4000
3000
2000
1000
0
y [pixel]
0
1000
2000
3000
4000
x [pixel]
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
focus steps


Ast. Phase front camera
4000
3000
2000
1000
0
y [pixel]
0
1000
2000
3000
4000
x [pixel]
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
degree


Ast. Phase side camera
4000
3000
2000
1000
0
y [pixel]
0
1000
2000
3000
4000
x [pixel]
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
degree