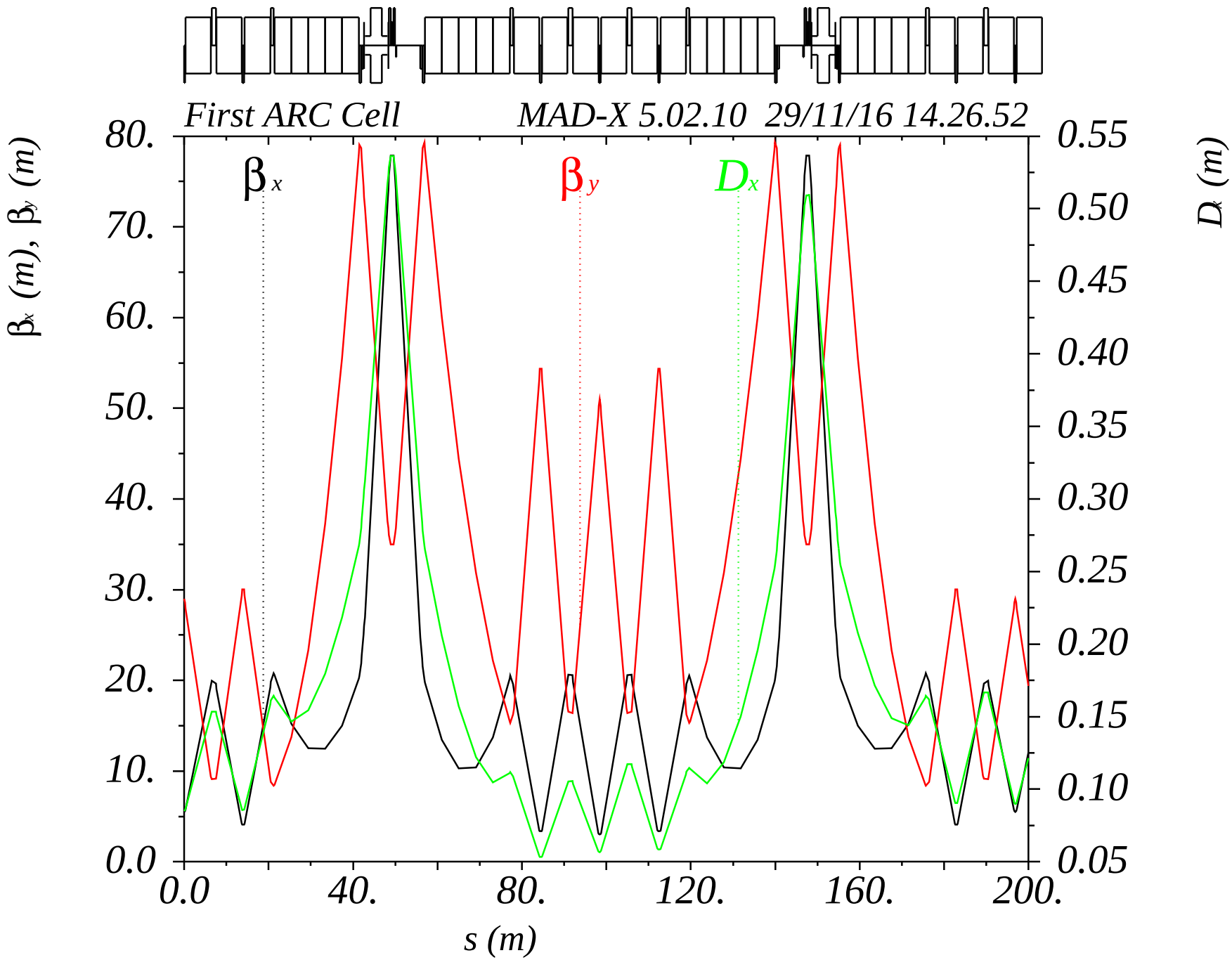
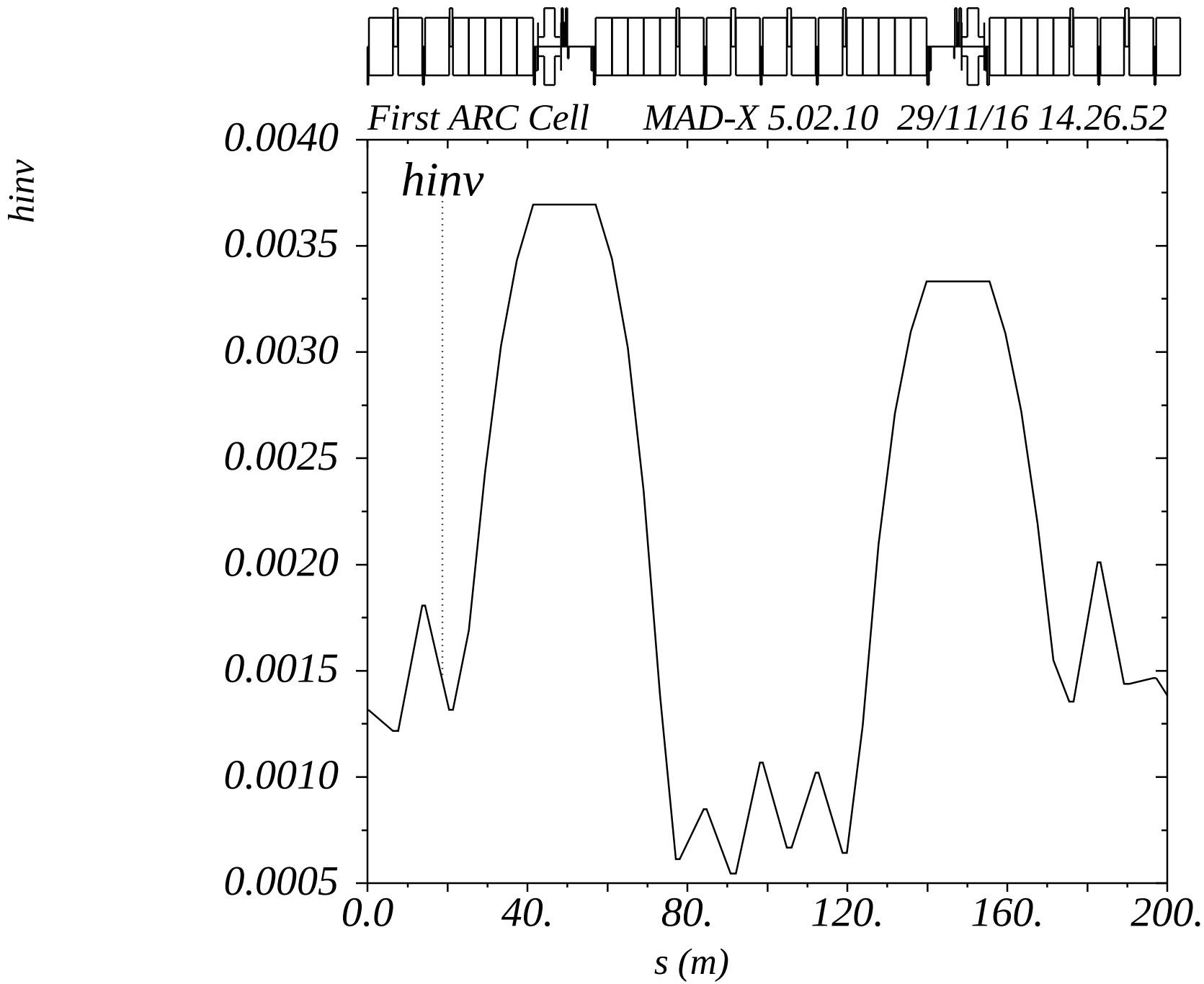
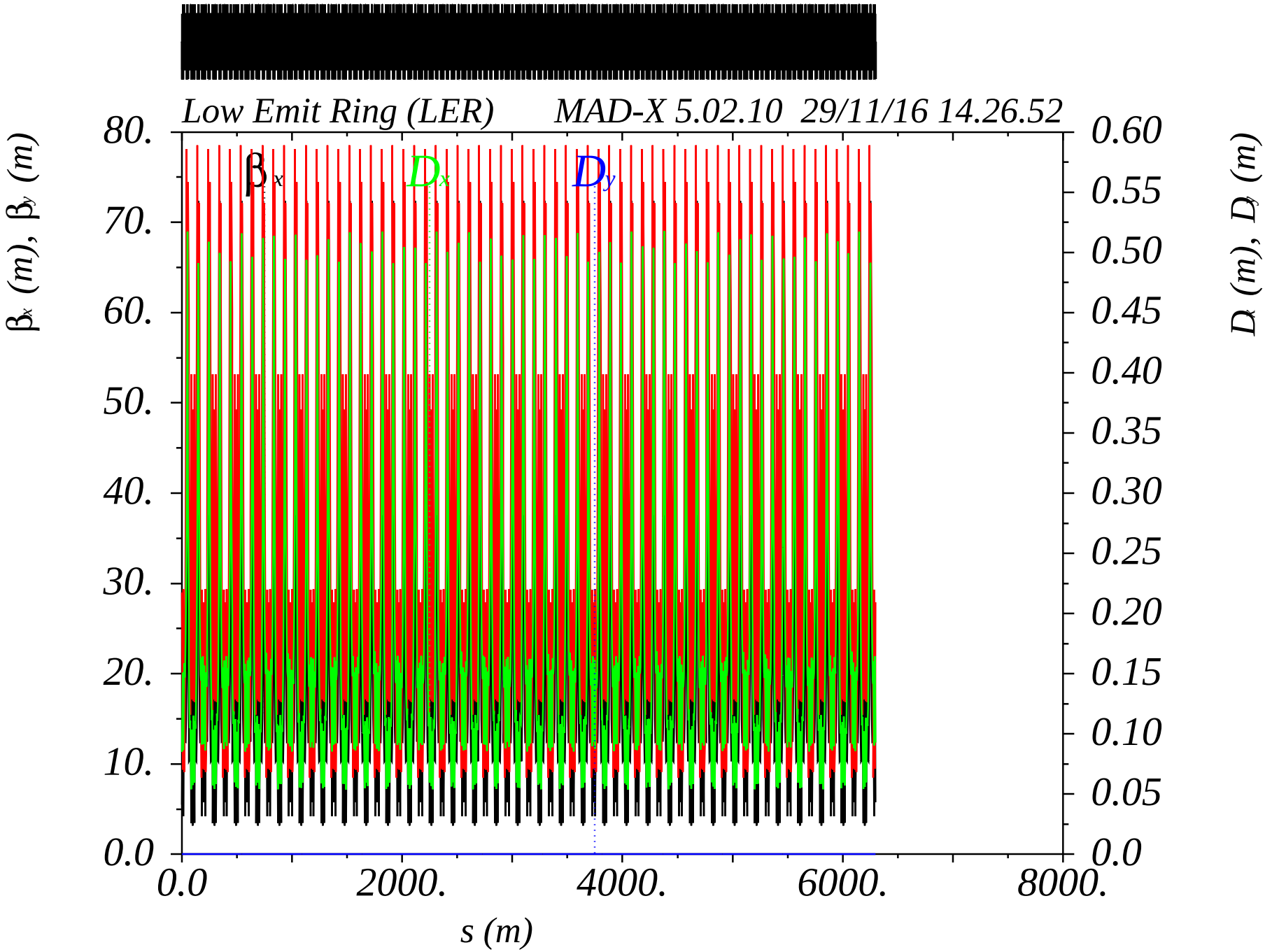
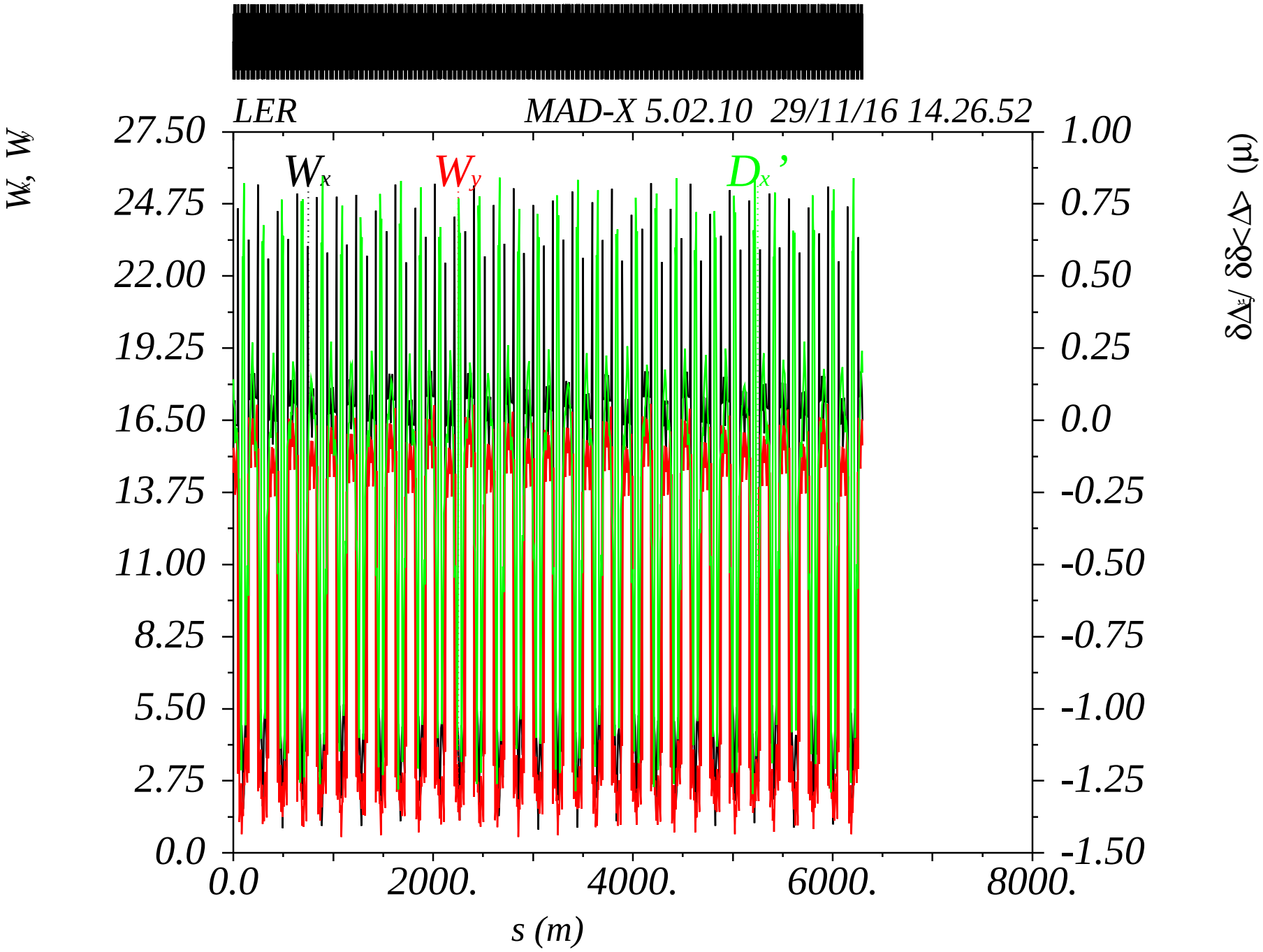
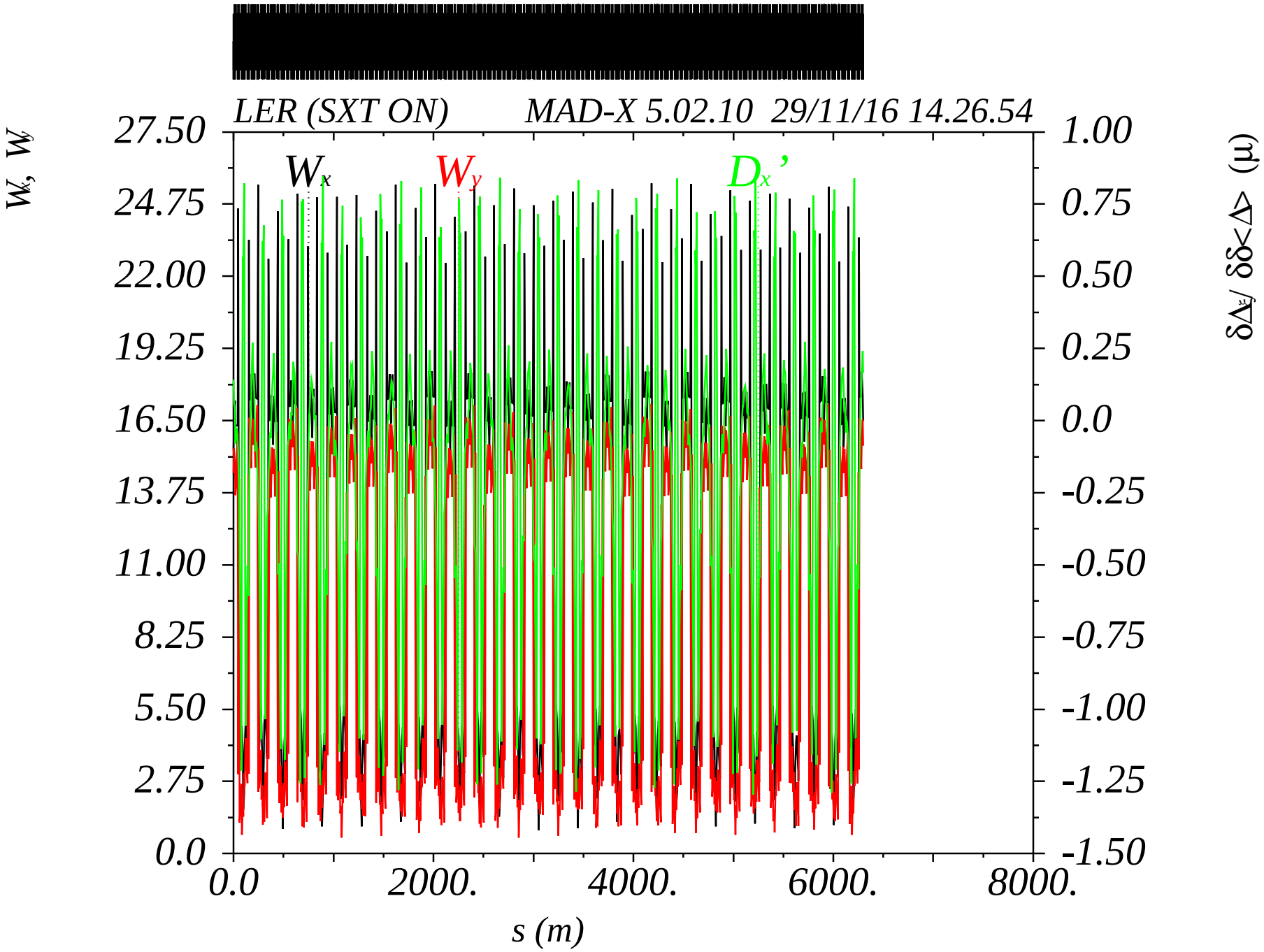
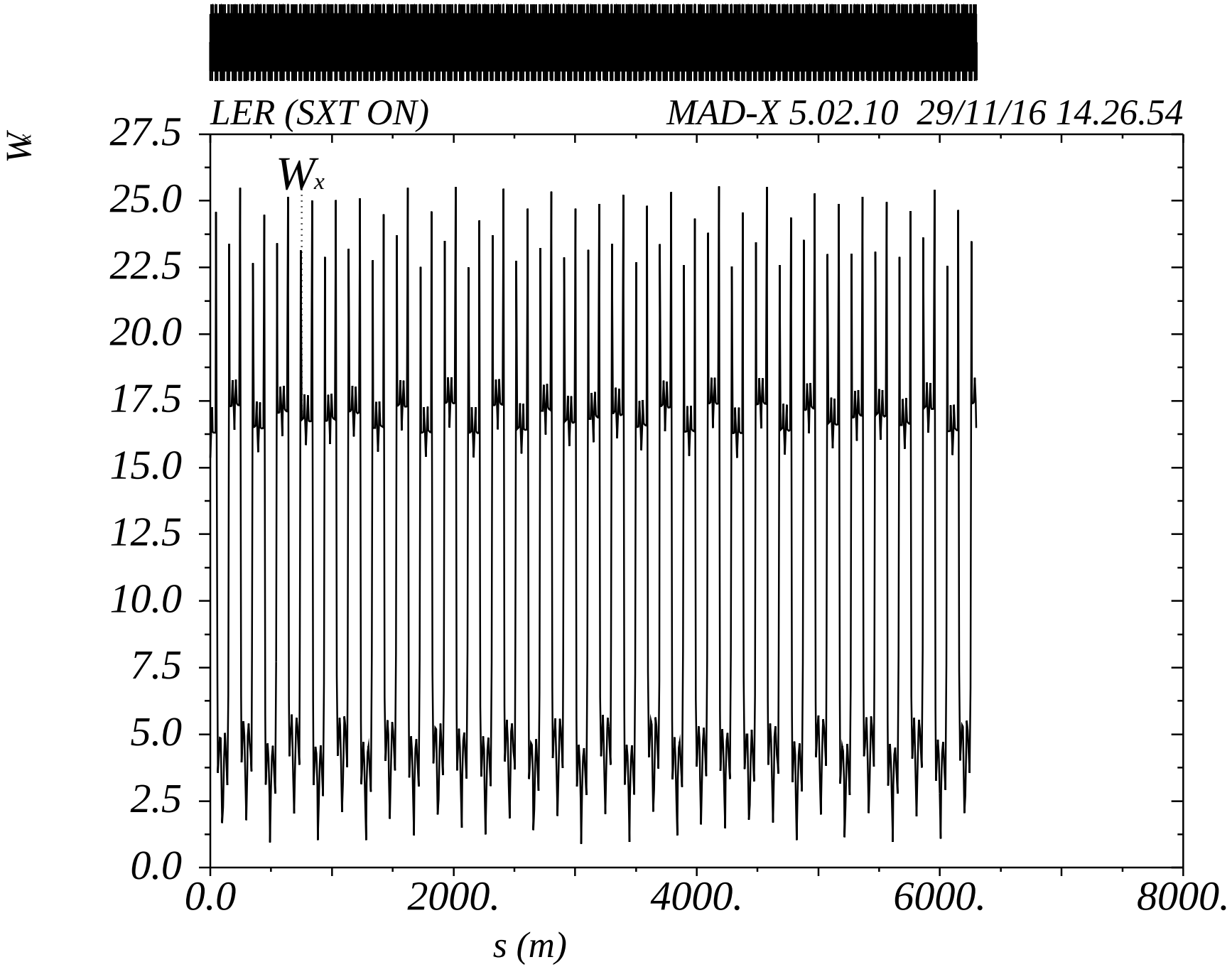

First ARC Cell
MAD-X 5.02.10 29/11/16 14.26.52
βx
βy
Dx
βx (m), βy (m)
Dx (m)
s (m)
0.0
10.
20.
30.
40.
50.
60.
70.
80.
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
0.45
0.50
0.55
0.0
40.
80.
120.
160.
200.

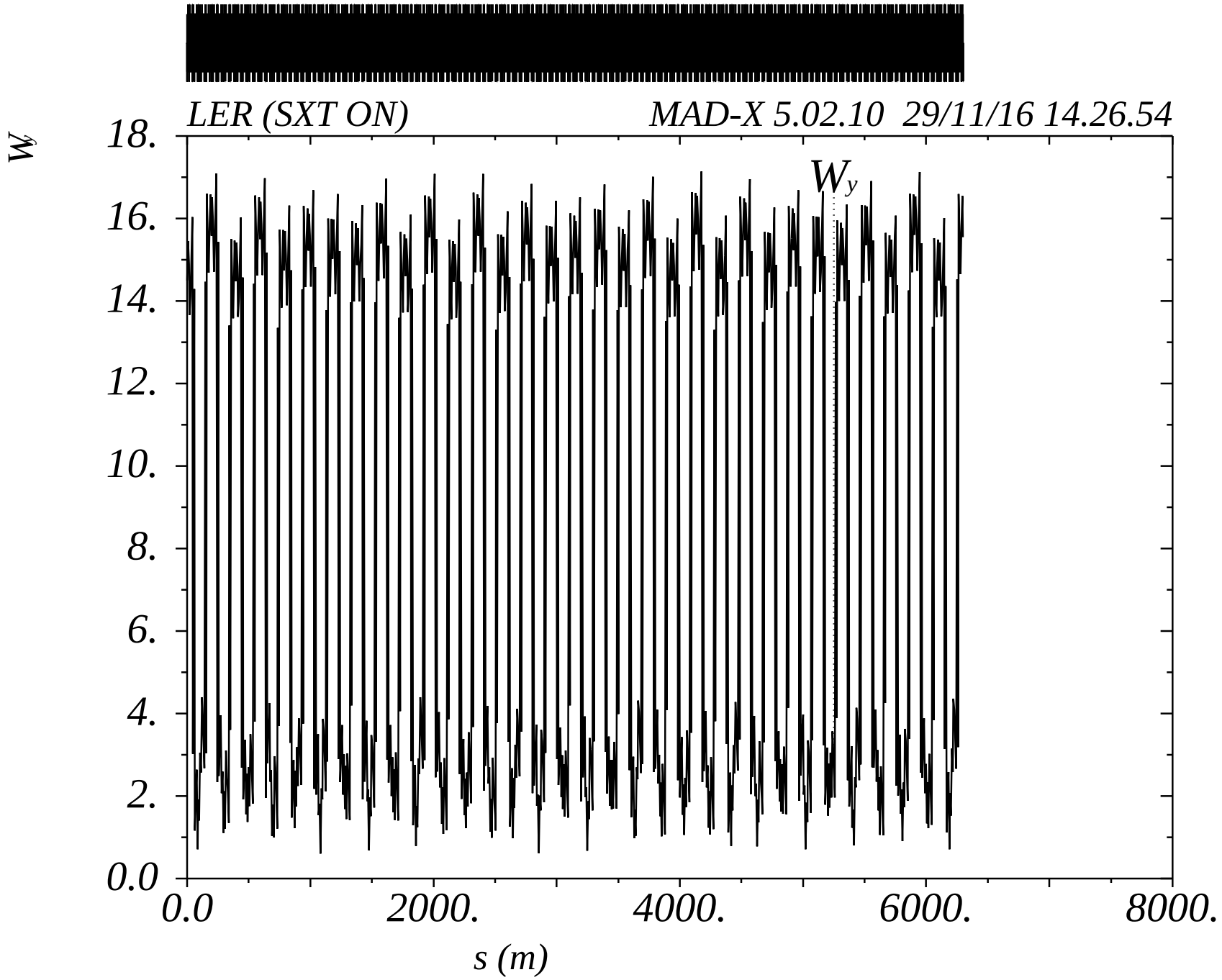

First ARC Cell
MAD-X 5.02.10 29/11/16 14.26.52
hinv
hinv
0.0040
0.0035
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0
40.
80.
120.
160.
200.
s (m)

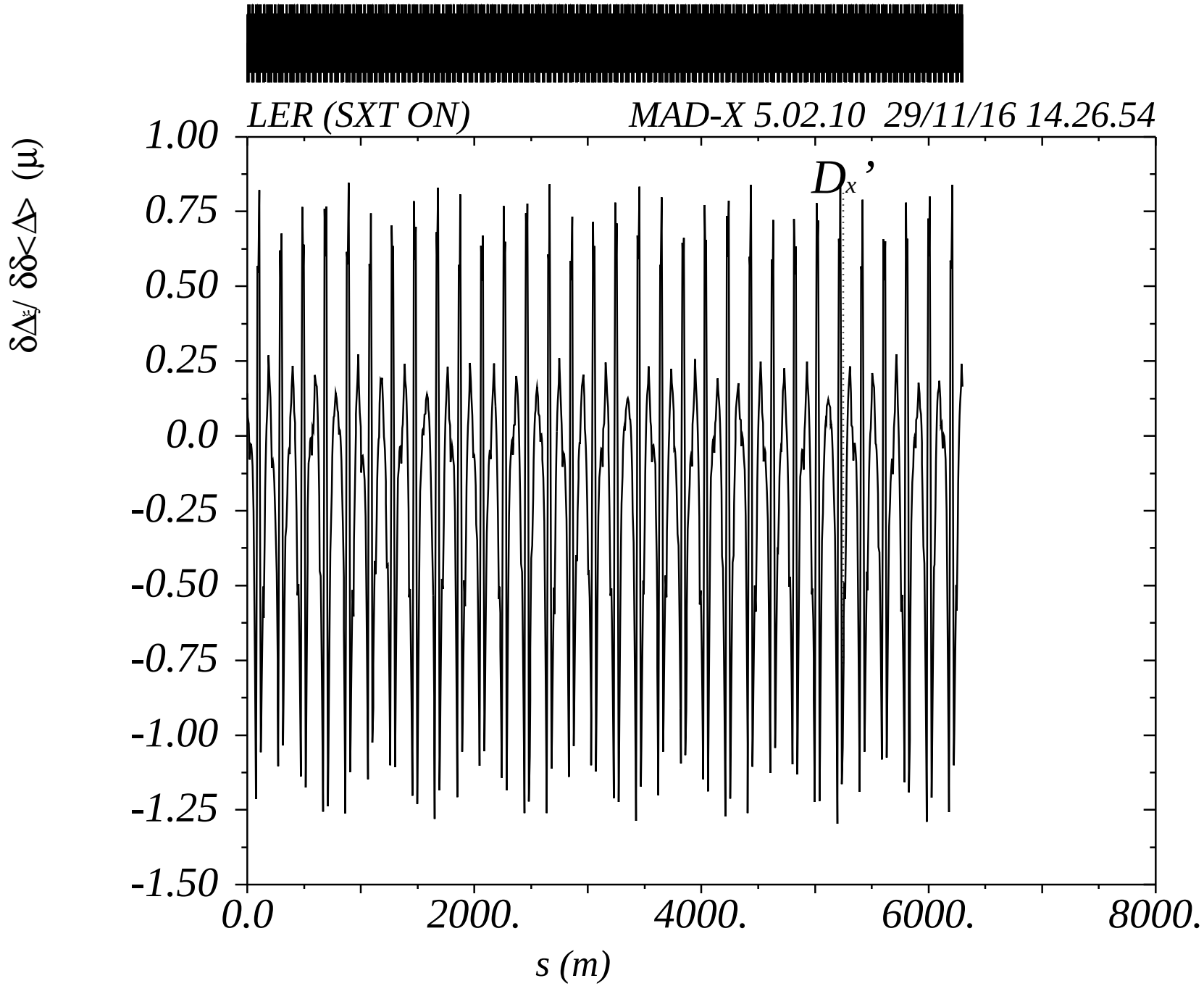

Low Emit Ring (LER)
MAD-X 5.02.10 29/11/16 14.26.52
βx (m), βy (m)
Dx (m), Dy (m)
βx
Dx
Dy
80.
70.
60.
50.
40.
30.
20.
10.
0.0
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.0
0.0
2000.
4000.
6000.
8000.
s (m)


LER
MAD-X 5.02.10 29/11/16 14.26.52
W_x
W_y
D_x'
W_x, W_y
27.50
24.75
22.00
19.25
16.50
13.75
11.00
8.25
5.50
2.75
0.0
1.00
0.75
0.50
0.25
0.0
-0.25
-0.50
-0.75
-1.00
-1.25
-1.50
δΔ$_x$/ δδ<Δ> (μ)
0.0
2000.
4000.
6000.
8000.
s (m)


LER (SXT ON)
MAD-X 5.02.10 29/11/16 14.26.54
W_x
W_y
D_x'
W_x, W_y
$\delta\Delta_x/\ \delta\delta<\Delta>$ (μ)
27.50
24.75
22.00
19.25
16.50
13.75
11.00
8.25
5.50
2.75
0.0
1.00
0.75
0.50
0.25
0.0
-0.25
-0.50
-0.75
-1.00
-1.25
-1.50
0.0
2000.
4000.
6000.
8000.
s (m)


LER (SXT ON)
MAD-X 5.02.10 29/11/16 14.26.54
W
W_x
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
0.0
2000.
4000.
6000.
8000.
s (m)


LER (SXT ON)
MAD-X 5.02.10 29/11/16 14.26.54
W_y
W_y
18.
16.
14.
12.
10.
8.
6.
4.
2.
0.0
0.0
2000.
4000.
6000.
8000.
s (m)


LER (SXT ON)
MAD-X 5.02.10 29/11/16 14.26.54
D_x'
$\delta\Delta_x/\ \delta\delta<\Delta>$ (μ)
1.00
0.75
0.50
0.25
0.0
-0.25
-0.50
-0.75
-1.00
-1.25
-1.50
0.0
2000.
4000.
6000.
8000.
s (m)