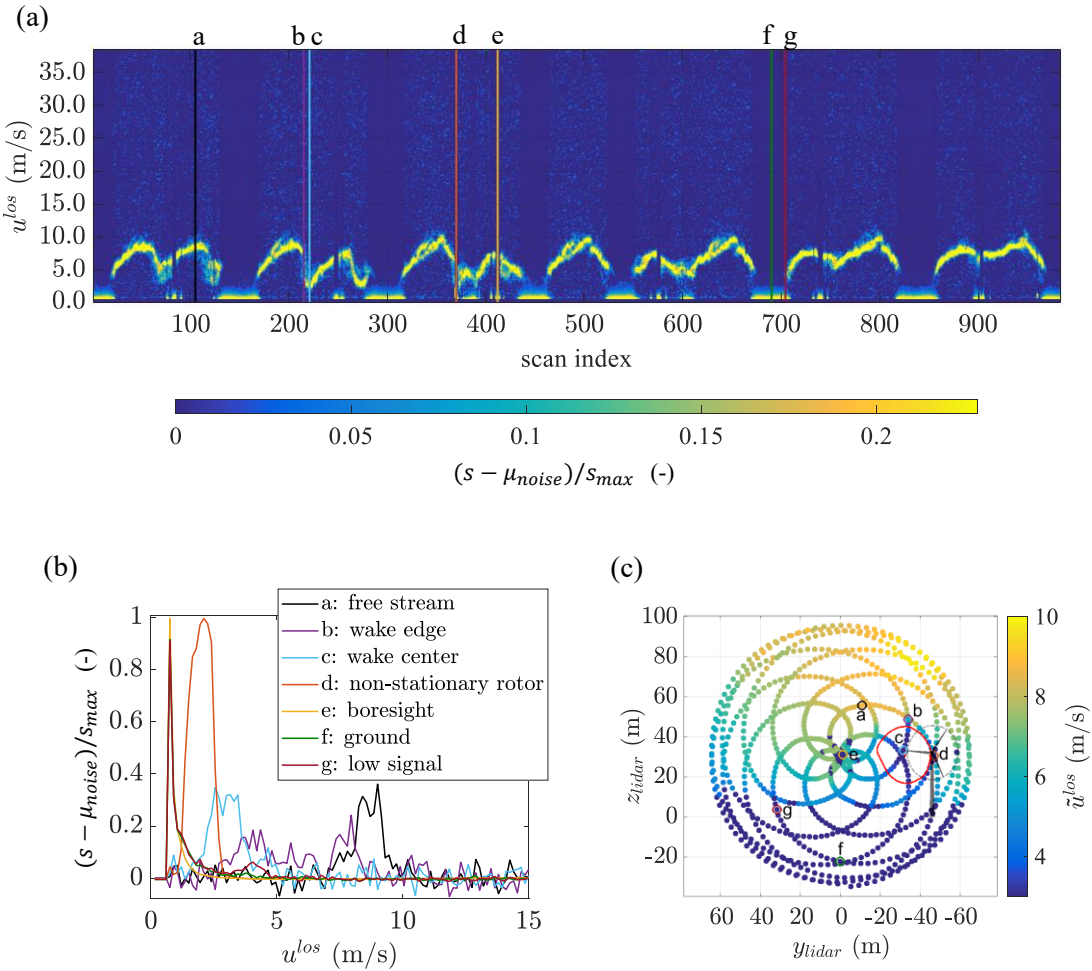
(a)
a
b c
d
e
f g
u^{los} (m/s)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
100
200
300
400
500
600
700
800
900
scan index
0
0.05
0.1
0.15
0.2
$(s - \mu_{noise})/s_{max}$ (-)
(b)
a: free stream
b: wake edge
c: wake center
d: non-stationary rotor
e: boresight
f: ground
g: low signal
$(s - \mu_{noise})/s_{max}$ (-)
1
0.8
0.6
0.4
0.2
0
0
5
10
15
u^{los} (m/s)
(c)
z_{lidar} (m)
100
80
60
40
20
0
-20
60 40 20 0 -20 -40 -60
y_{lidar} (m)
a
b
c
d
e
f
g
$\tilde{u}^{los}$ (m/s)
10
8
6
4