
1e−6
Electric field
E_z (statV/cm)
5
0
−5
−30
−25
−20
−15
−10
−5
0
5
10
1e−5
Charge density n
(statC/cm^3)
0
−2
−4
$d_{inj} = 0\,\Delta x$
$d_{inj} = 5\,\Delta x$
$d_{inj} = 10\,\Delta x$
Distance to PML boundary z (Δx)