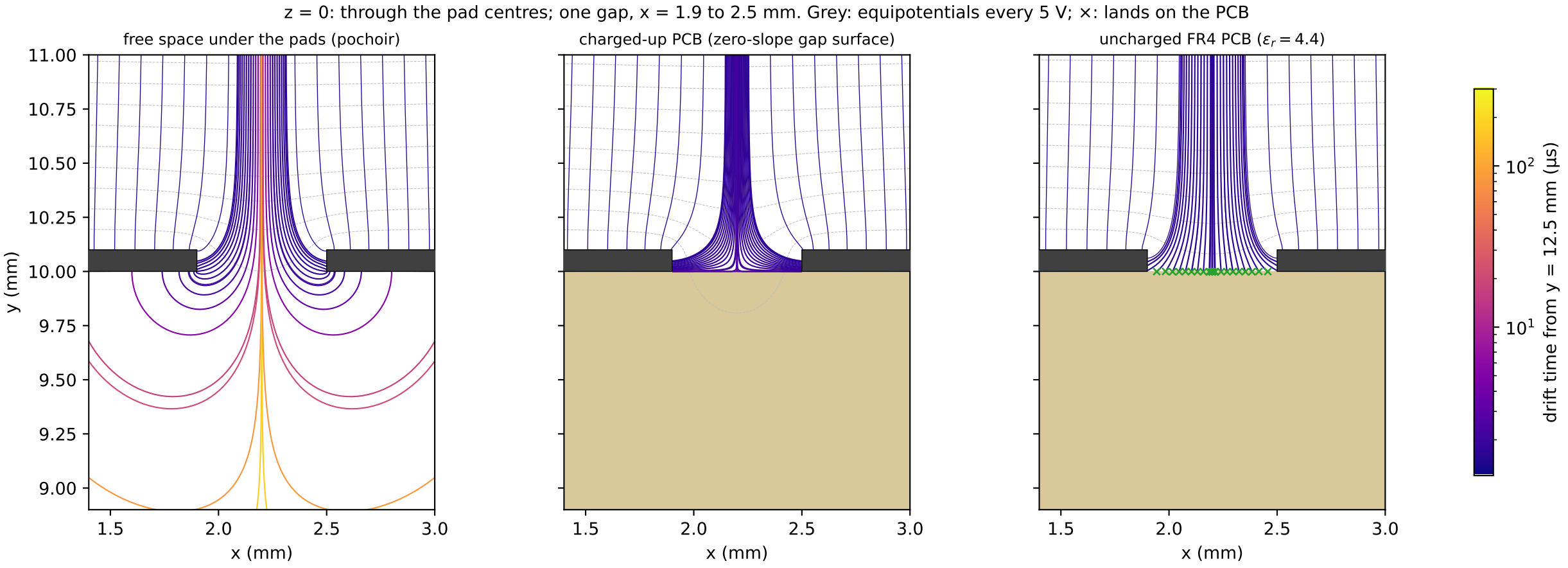

z = 0: through the pad centres; one gap, x = 1.9 to 2.5 mm. Grey: equipotentials every 5 V; ×: lands on the PCB
free space under the pads (pochoir)
charged-up PCB (zero-slope gap surface)
uncharged FR4 PCB ($\varepsilon_r = 4.4$)
y (mm)
11.00
10.75
10.50
10.25
10.00
9.75
9.50
9.25
9.00
1.5
2.0
2.5
3.0
x (mm)
drift time from y = 12.5 mm (µs)
10^2
10^1