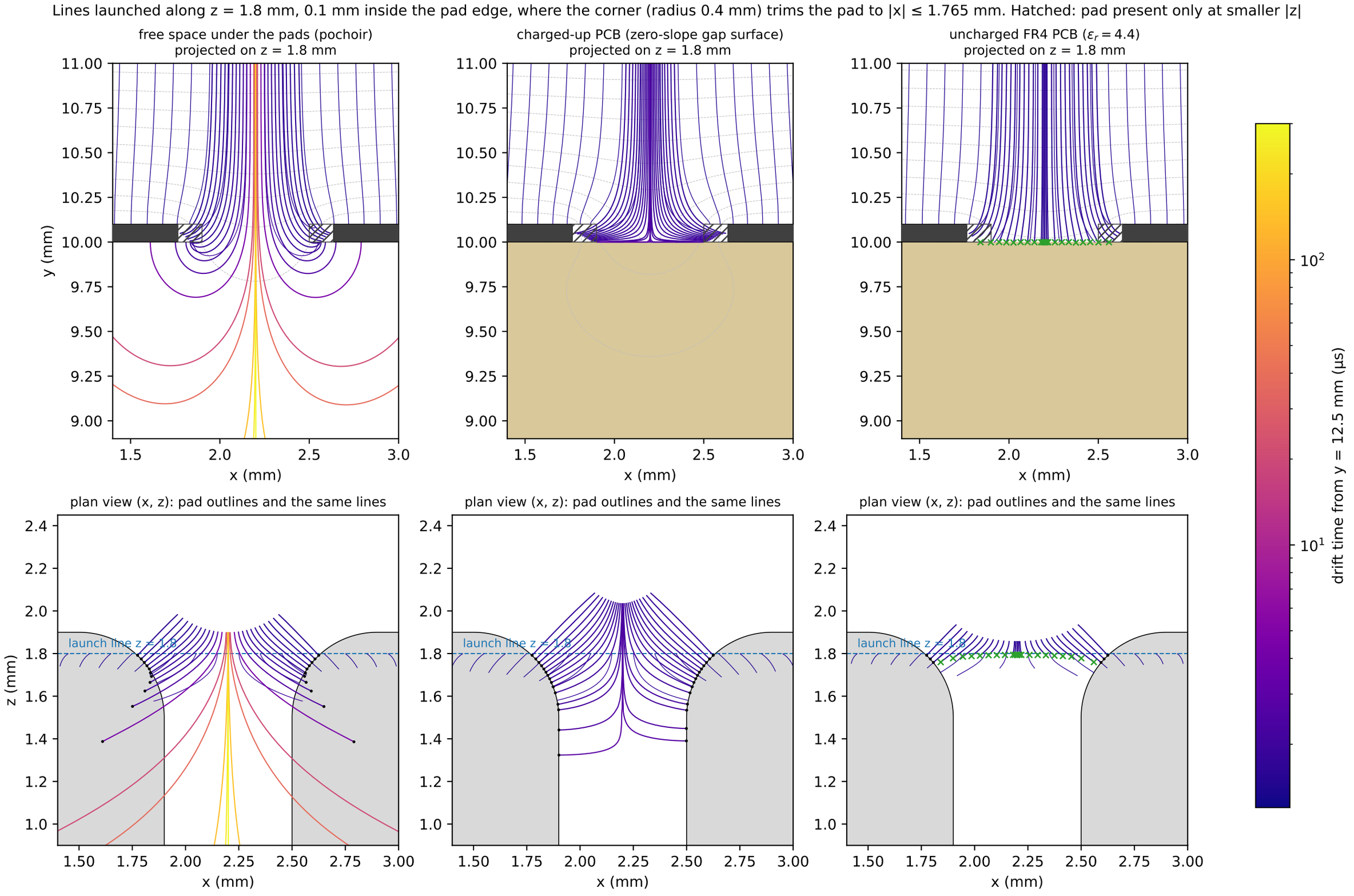
Lines launched along z = 1.8 mm, 0.1 mm inside the pad edge, where the corner (radius 0.4 mm) trims the pad to |x| ≤ 1.765 mm. Hatched: pad present only at smaller |z|
free space under the pads (pochoir)
projected on z = 1.8 mm
charged-up PCB (zero-slope gap surface)
projected on z = 1.8 mm
uncharged FR4 PCB ($\varepsilon_r = 4.4$)
projected on z = 1.8 mm
y (mm)
x (mm)
plan view (x, z): pad outlines and the same lines
launch line z = 1.8
z (mm)
drift time from y = 12.5 mm (µs)