FDTD simulation of a pulse hitting a dielectric medium 1.0 T = 100Eps = 40.5 щ× 0.0 -0.5 +20 40 60 80 100 120 140 160 180 0 1.0 T = 220Eps = 40.5 0.0 -0.5 +20 40 60 80 100 120 0 140 160 180 1.0 -T = 320Eps = 40.5 0.0 -0.5 +20 40 60 80 100 120 140 160 180 0 1.0 T = 440Eps = 40.5 0.0 -0.5

100

FDTD cells

120

140

160

180

20

0

40

60

80