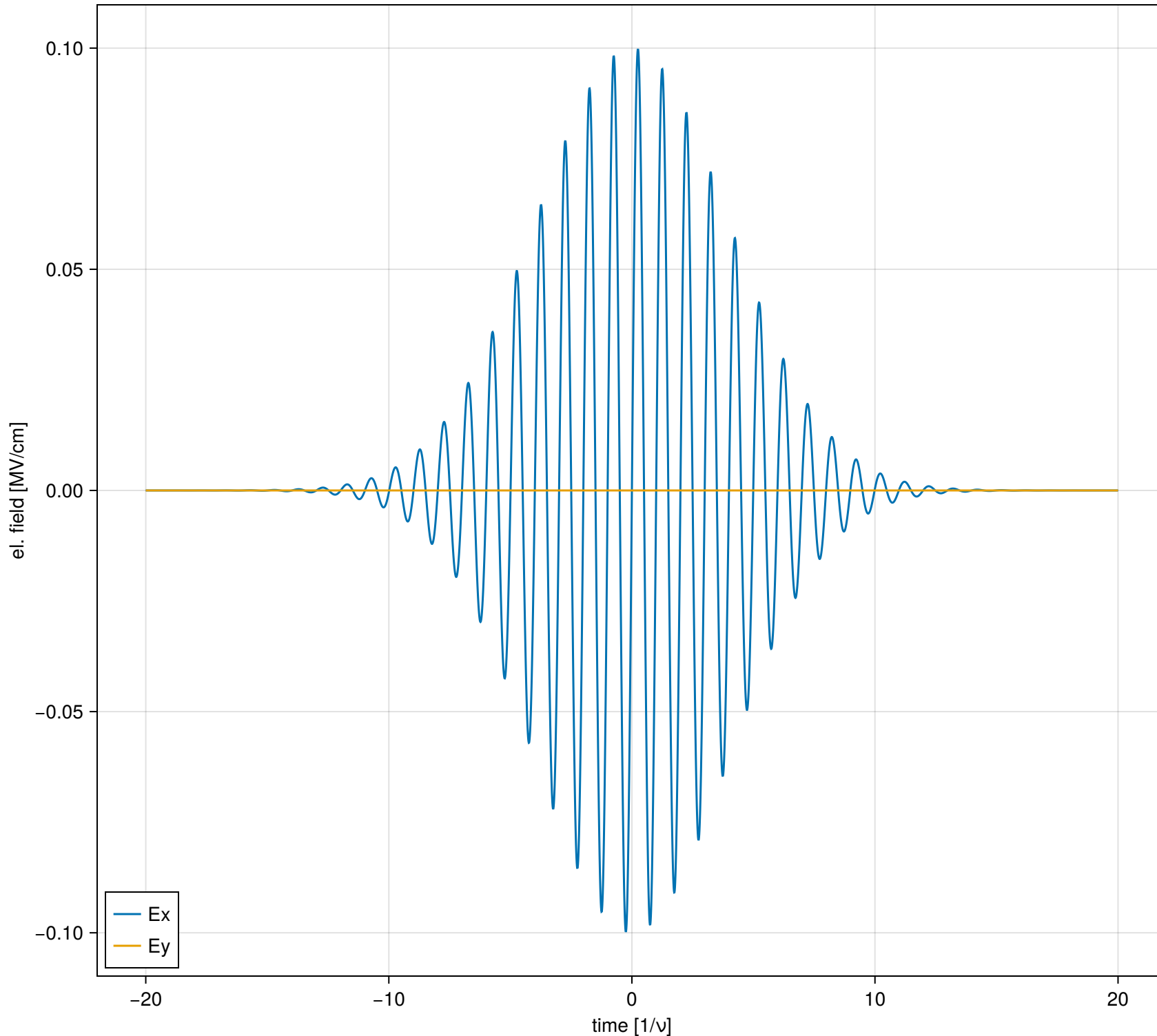


Simulation{Float64}(2d)TwoBandDephasingLiouvillian(GappedDirac)\_GaussianAPulse\_demo



$\zeta = 13.2$   
 $\gamma = 0.146$   
 $M = 1.93$   
 $plz = 0.641$   
 $BZ(kx) = [-0.141 \text{ \AA}^{-1}, 0.141 \text{ \AA}^{-1}] \text{ } ([-121.0, 121.0])$   
 $BZ(ky) = [-0.116 \text{ \AA}^{-1}, 0.116 \text{ \AA}^{-1}] \text{ } ([-100.0, 100.0])$   
 $m = 20.0 \text{ meV} \text{ } (6.077069791514504)$   
 $vF = 430000.0 \text{ m s}^{-1} \text{ } (1.0) t1 = \text{Inf fs } (\text{Inf})$   
 $t2 = 50.0 \text{ fs } (0.25)$   
 $\sigma = 800.0 \text{ fs } (4.0)$   
 $\omega = 0.0314 \text{ fs}^{-1} \text{ } (6.28)$   
 $\nu = 5.0 \text{ THz } (1.0)$   
 $eE = 0.1 \text{ MV cm}^{-1} \text{ } (261.0)$   
 $\varphi = 0.0 \text{ } (0.0)$   
 $\hbar\omega = 0.0207 \text{ eV } (6.28)$   
 $kx_{\text{max}} = 0.203 \text{ \AA}^{-1} \text{ } (175.0)$   
 $dkx = 0.00116 \text{ \AA}^{-1} \text{ } (1.0)$   
 $nkx = 351.0 \text{ } (351.0)$   
 $kymax = 0.116 \text{ \AA}^{-1} \text{ } (100.0)$   
 $dky = 0.00116 \text{ \AA}^{-1} \text{ } (1.0)$   
 $nky = 201.0 \text{ } (201.0)$   
 $t0 = -4000.0 \text{ fs } (-20.0)$   
 $dt = 2.0 \text{ fs } (0.01)$   
 $rtol = 1.0\text{e-}10 \text{ } (1.0\text{e-}10)$   
 $atol = 1.0\text{e-}12 \text{ } (1.0\text{e-}12)$   
 $nt = 4000.0 \text{ } (4000.0)$