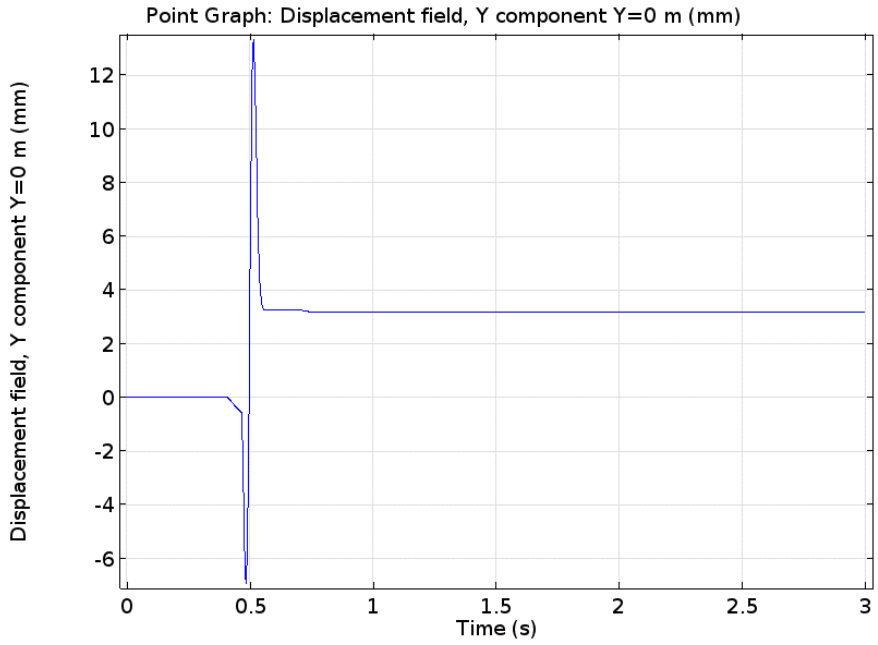
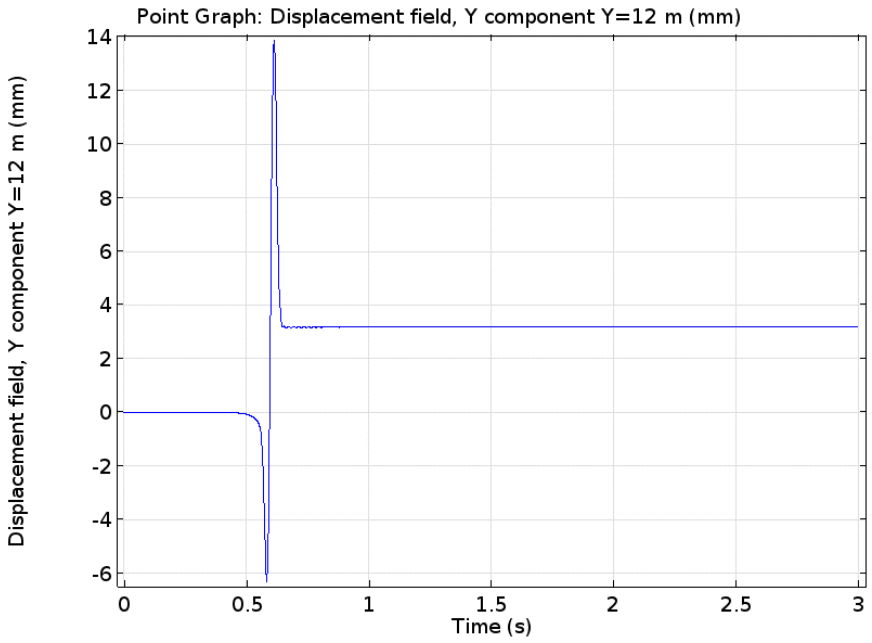
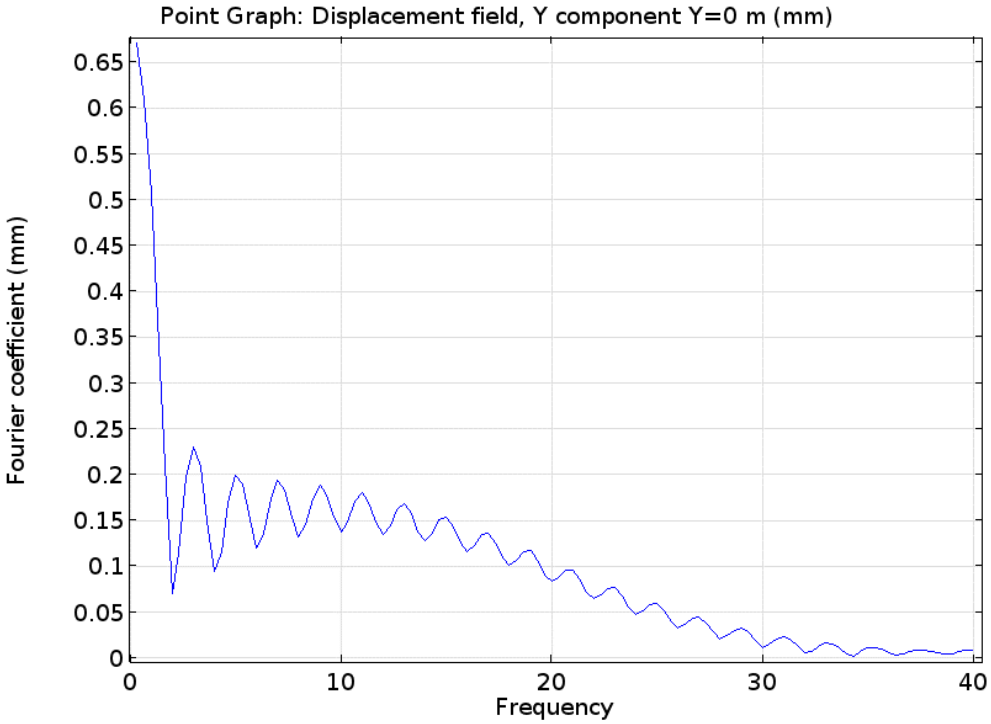
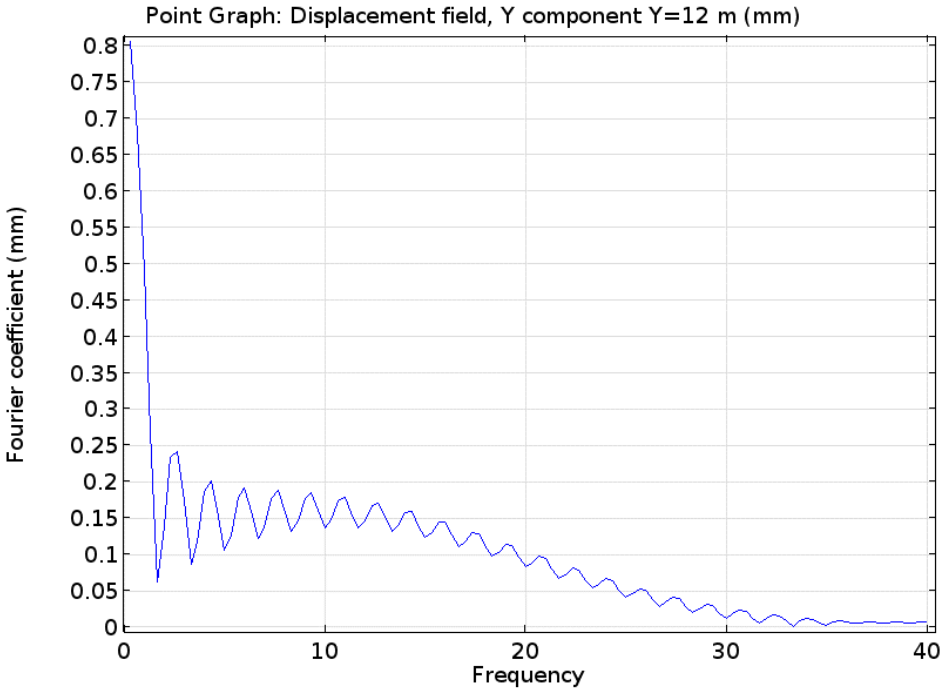
Without barrier, applied force of F=1000 [kN] at lower boundary, Vp=124,91 [m/s], mesh size= 0.1 [m], quadratic triangle, time step= 0.001 [m], relative tolerance=0.001, fm=45 [hz]



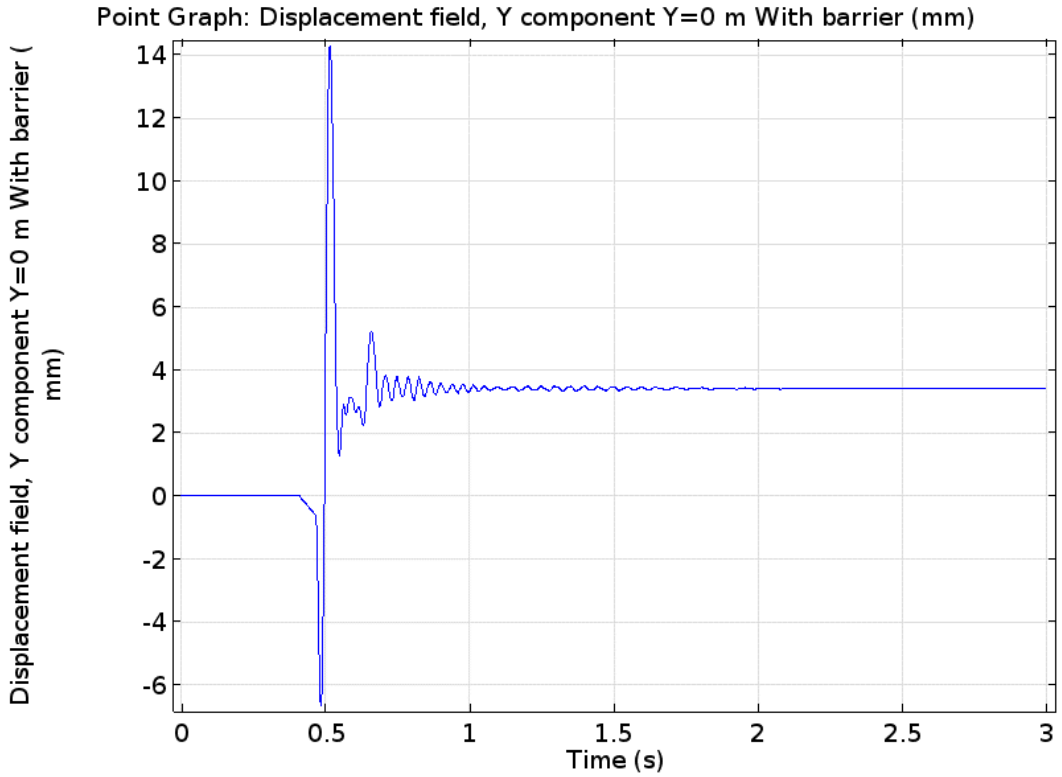


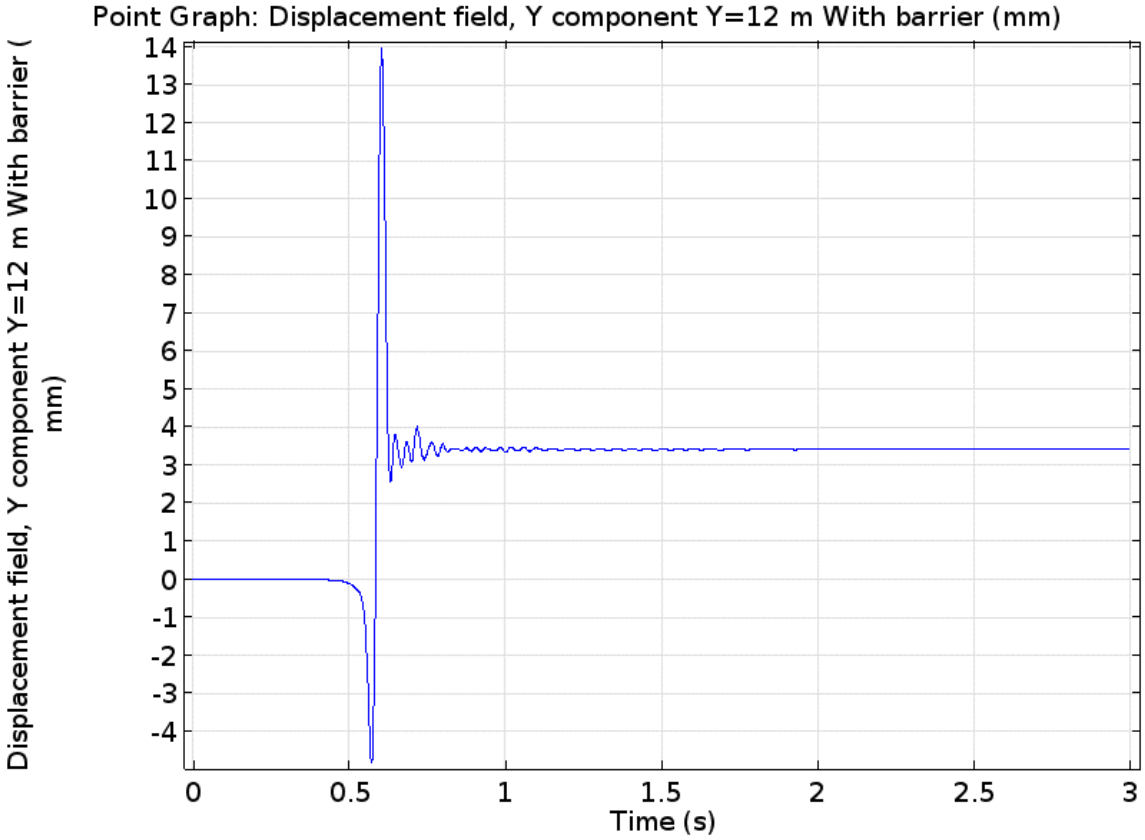
Without barrier, applied force of F=1000 [kN] at lower boundary, Vp=124,91 [m/s], mesh size= 0.1 [m], time step= 0.001 [m], quadratic triangle, relative tolerance=0.001, fm=45 [Hz]





With barrier, applied force of F=1000 [kN] at lower boundary, Vp=124,91 [m/s], mesh size= 0.1 [m], time step= 0.001 [m], quadratic triangle, relative tolerance=0.001, fm=45 [Hz]





With barrier, applied force of F=1000 [kN] at lower boundary, Vp=124,91 [m/s], mesh size= 0.1 [m], time step= 0.001 [m], quadratic triangle, relative tolerance=0.001, fm=45Hz