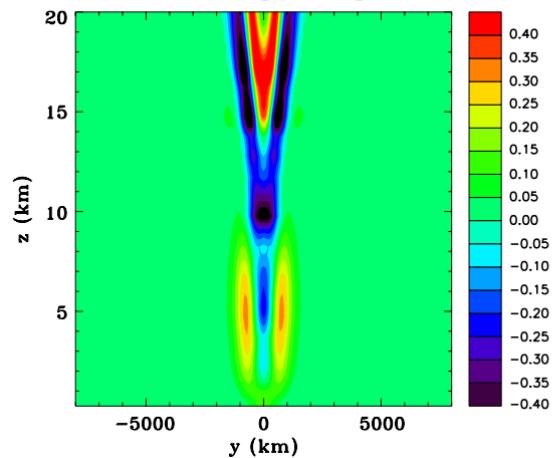
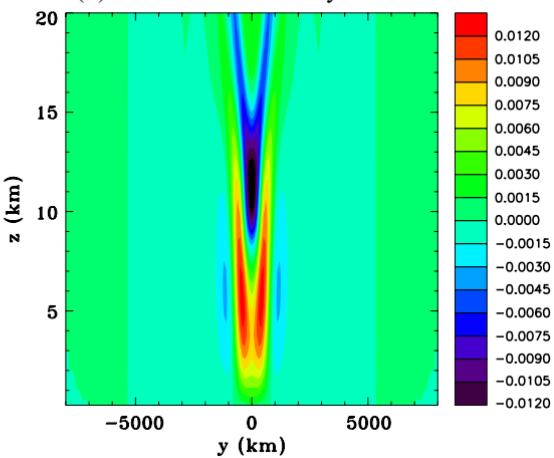
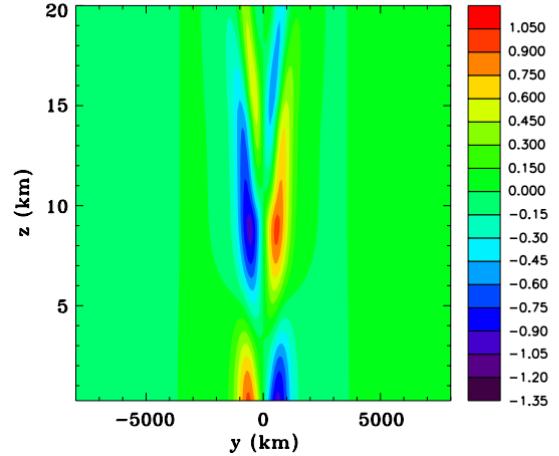


(a) Potential temperature perturbation



(b) Vertical velocity

(c) y component of velocity ( $v$ )

(d) Density perturbation

