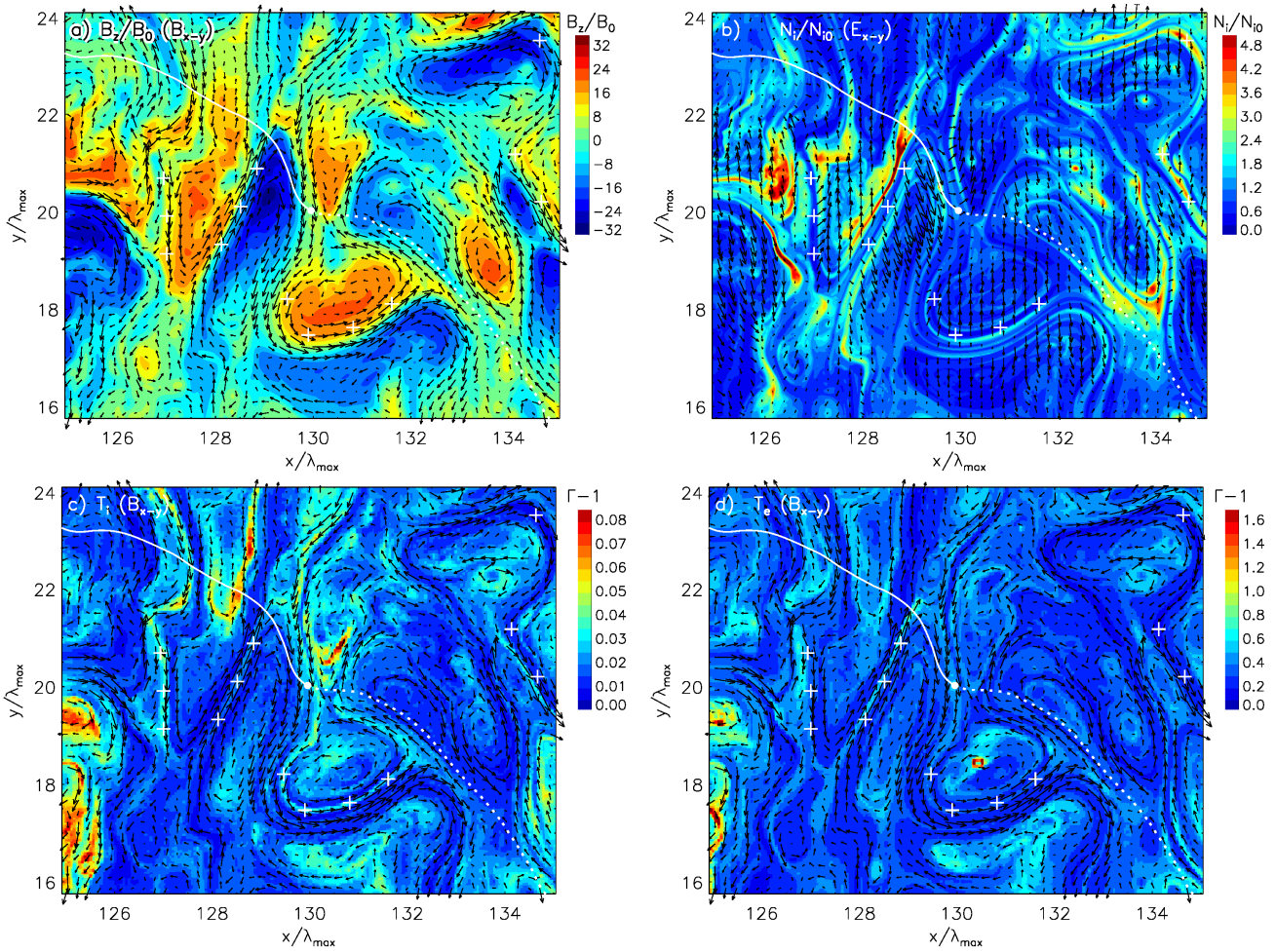

Figure 13. Distribution of the normalized magnetic-field amplitude B_z/B_0 (a), normalized ion number density N_i/N_{i0} (b) and the mean kinetic energy (temperature) of ions (c) and electrons (d), all taken at time $t\gamma_{\max} = 15$ in a small region harboring strong turbulence. Linear scales are used in all maps. Overlaid on the maps in panels (a), (c) and (d) are in-plane magnetic-field lines and likewise in-plane electric-field lines in panel (b). The white crosses are intended to facilitate cross-correlation of various details. One example of an ion trajectory is shown as white solid line for times $t\gamma_{\max} \leqslant 15$ and as dashed line for later times.

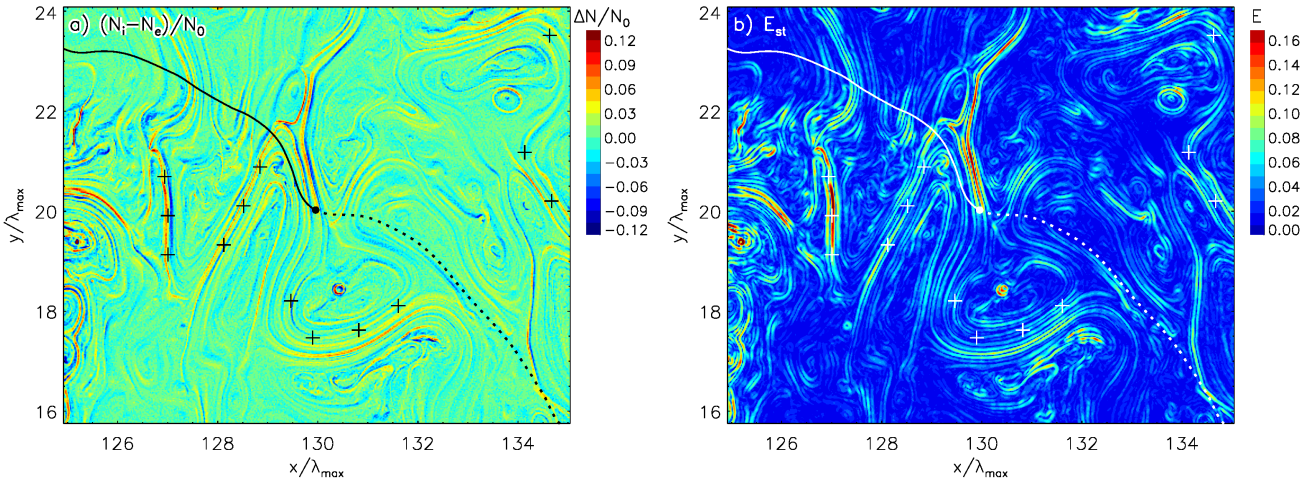

Figure 14. Distribution of the charge density in the plasma (a) and the resulting electrostatic field (b).