Description of Additional Supplementary Files

Supplementary Movie 1: Time evolution of δZ_x^+, δZ_x^-, $|\delta \mathbf{Z}^+|$, and $|\delta \mathbf{Z}^-|$ for the time from 4.0 until 6.0 for the case with an initial cross-helicity of 0.7.

Supplementary Movie 2: Time evolution of the evolution term $\frac{\partial \delta Z_x^+}{\partial t}$, the nonlinear term $-\left(\boldsymbol{\delta Z}^{\mp} \cdot \boldsymbol{\nabla}\right)\delta Z_x^{\pm}$, the linear term $\pm(\mathbf{V_{A0}} \cdot \boldsymbol{\nabla})\delta Z_x^{\pm}$, and the power spectra of $-\left(\boldsymbol{\delta Z}^{\mp} \cdot \boldsymbol{\nabla}\right)\delta Z_x^{\pm}$ and $\pm(\mathbf{V_{A0}} \cdot \boldsymbol{\nabla})\delta Z_x^{\pm}$ for the time from 4.0 until 6.0 for the case with an initial cross-helicity of 0.7.