



**Figure S4.** Average dynamics of changes in quantum yield of photosystem II ( $\Phi_{PSII}$ ) **(a)** and non-photochemical quenching (NPQ) **(b)** under action of actinic light (its intensity is marked as PAR) in pea seedlings under chronic action of ELFMF ( $n=6$ ). Standard errors were not shown. Illumination was initiated after 15 min of dark adaptation. Plants were cultivated under extremely low frequency magnetic field action. Photosynthetic parameters were measured under the action of ELFMF. Magnitude of magnetic fields was 18  $\mu\text{T}$ ; frequency was 14.3 Hz. Control plants were not treated by this artificial magnetic field.