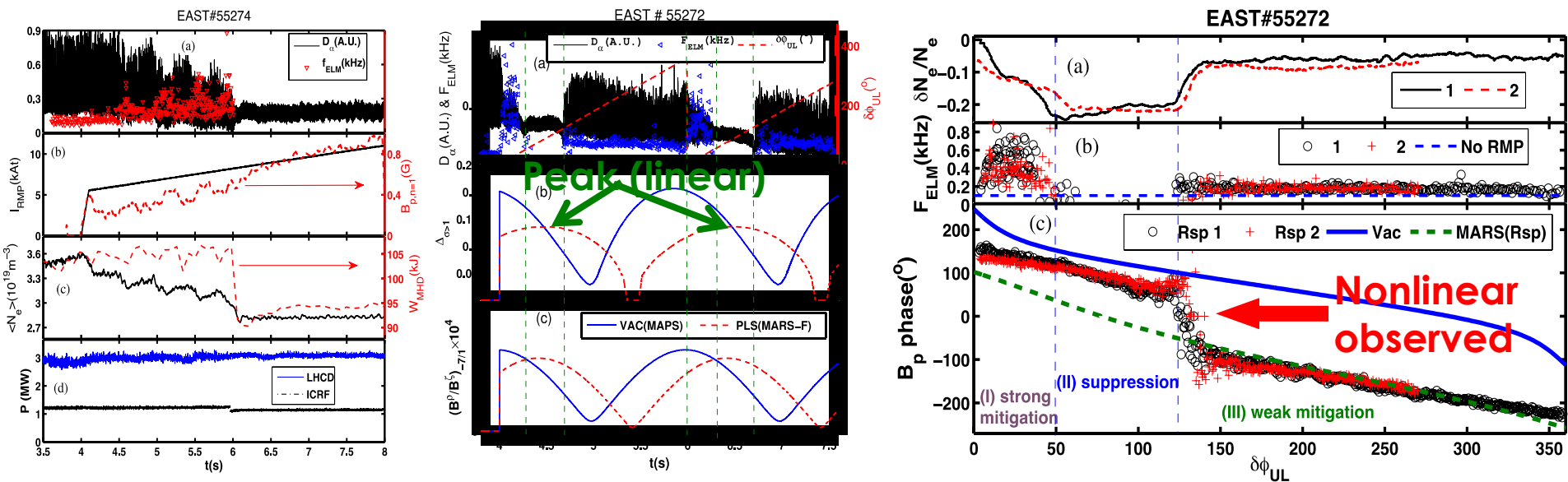
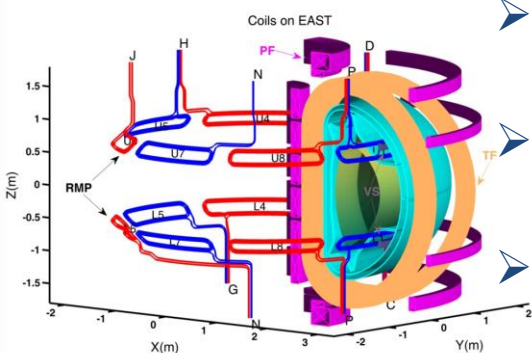


ELM suppression with low n RMP in RF dominant heating plasmas in EAST (EX/P7-4)



[Sun Y. et al., Phys. Rev. Lett. **117**, 115001 (2016)]



- Full ELM suppression was accessed using low n RMP in low rotating plasma with RF dominant heating in EAST
- Linear plasma response determines the best spectrum for ELM suppression.
- Nonlinear plasma response suggests that a critical level of magnetic topological change taking into account plasma response plays a key role in accessing final ELM suppression