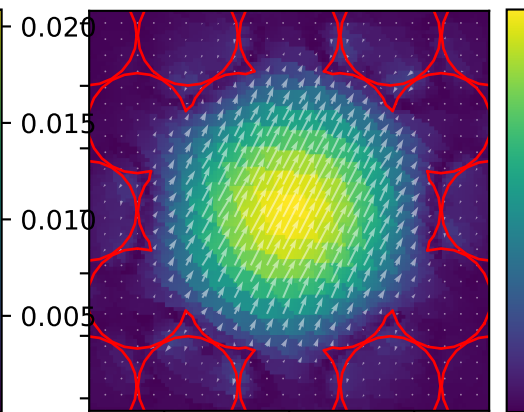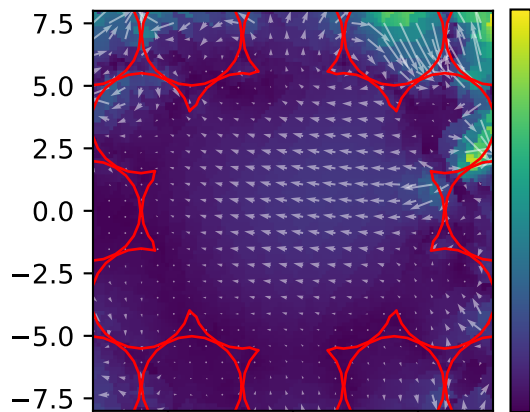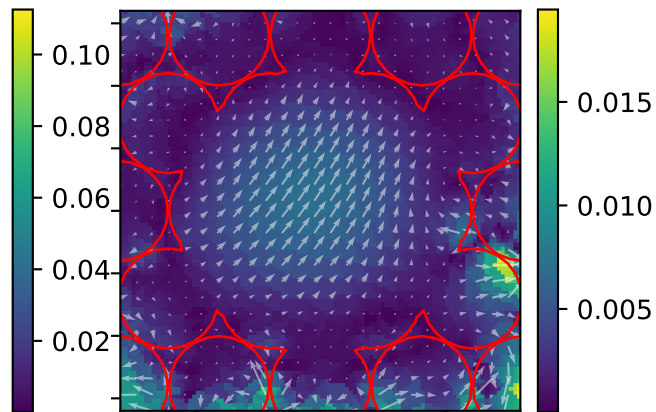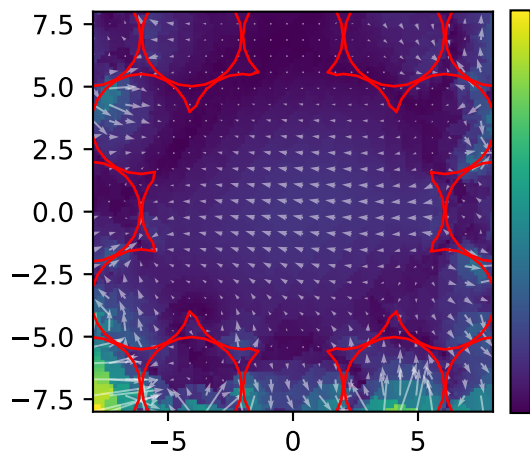mode 4: $n_{\text{eff}} = 0.9962$ mode 6: $n_{\text{eff}} = 0.9951$ mode 8: $n_{\text{eff}} = 0.9943$
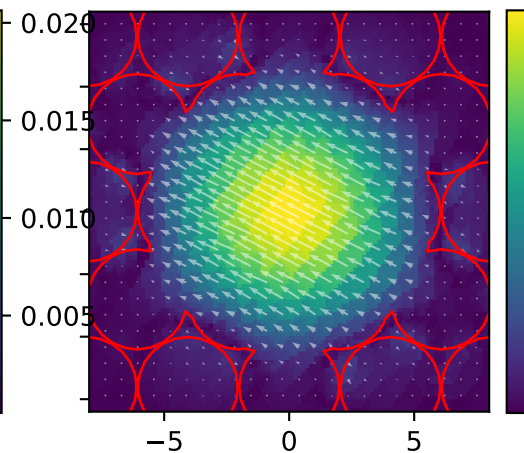
mode 5: $n_{\text{eff}} = 0.9956$ mode 7: $n_{\text{eff}} = 0.995$ mode 9: $n_{\text{eff}} = 0.9936$