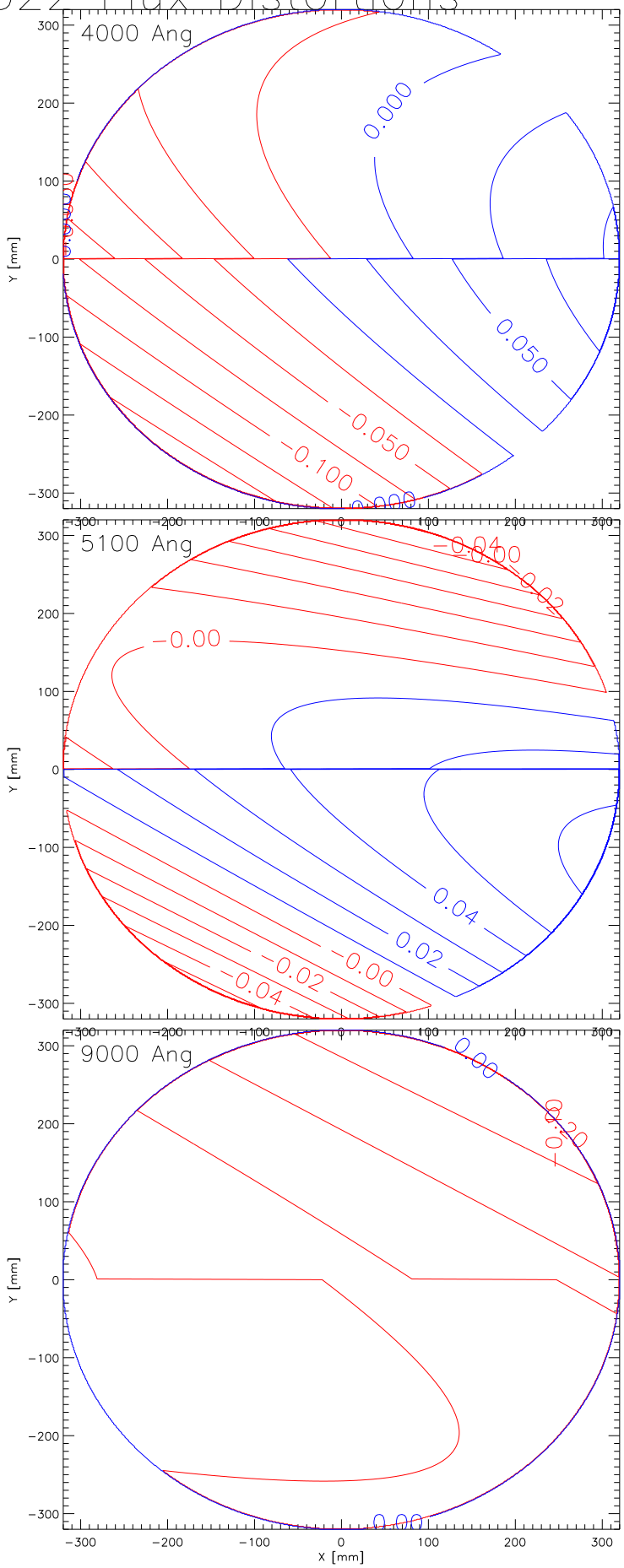PLATE=2944 MJD=54522 Flux Distortions