log(Posterior Probability): -132429.237829384 -115000-120000-132100 log(Posterior Probability) -132200 -132300 -125000-132400 -132500 -132600 -132700 4500 4600 4700 4800 4900 2000 -1300001000 5000 0 2000 3000 4000 Sample

## Trace of the Expected value of $\phi$

