LGSPR with (ALMA), vacuum and vacuum, $\exp(\cos)$, $\bar{g} = 0.025, 0.05, 0.5, 1$
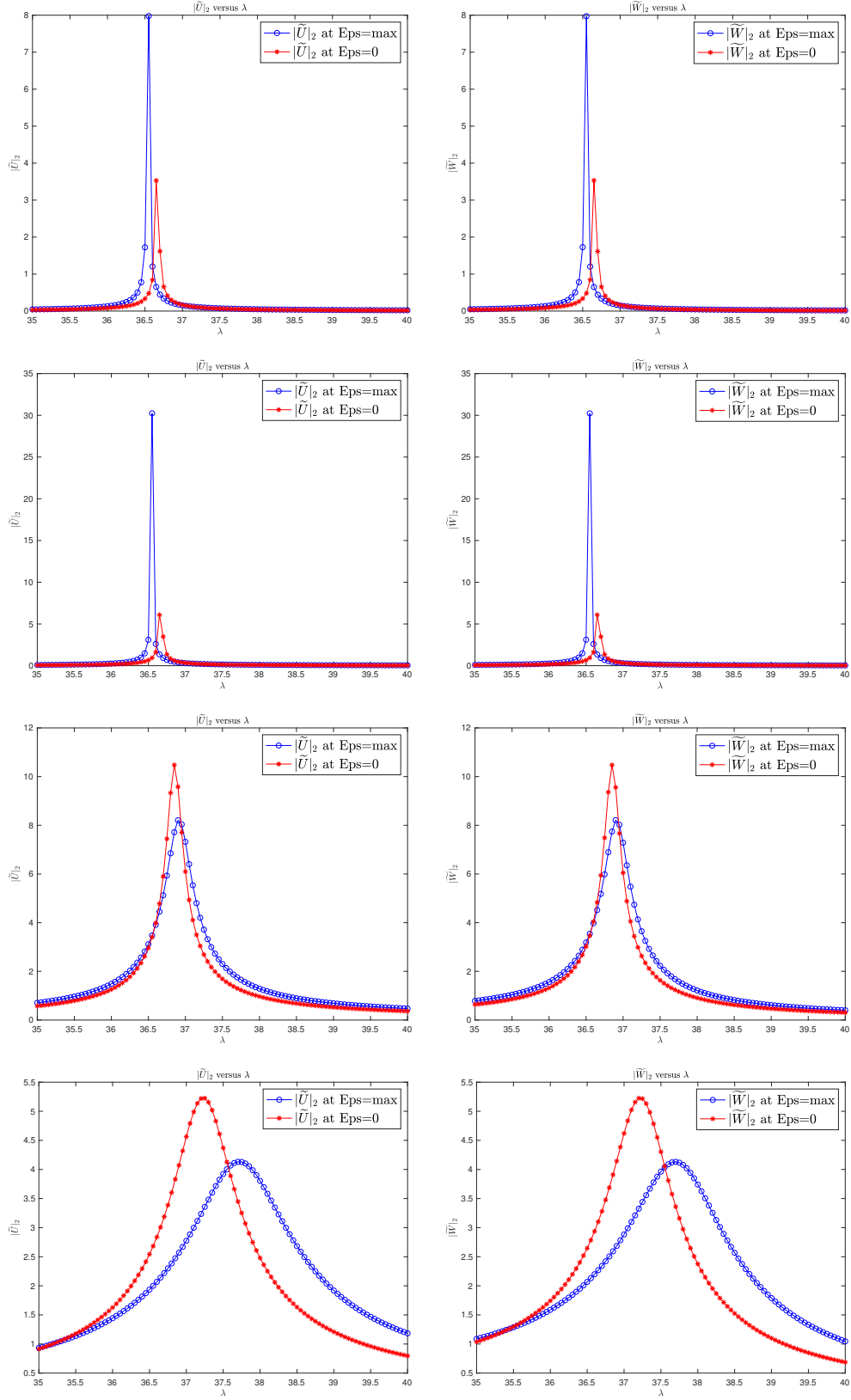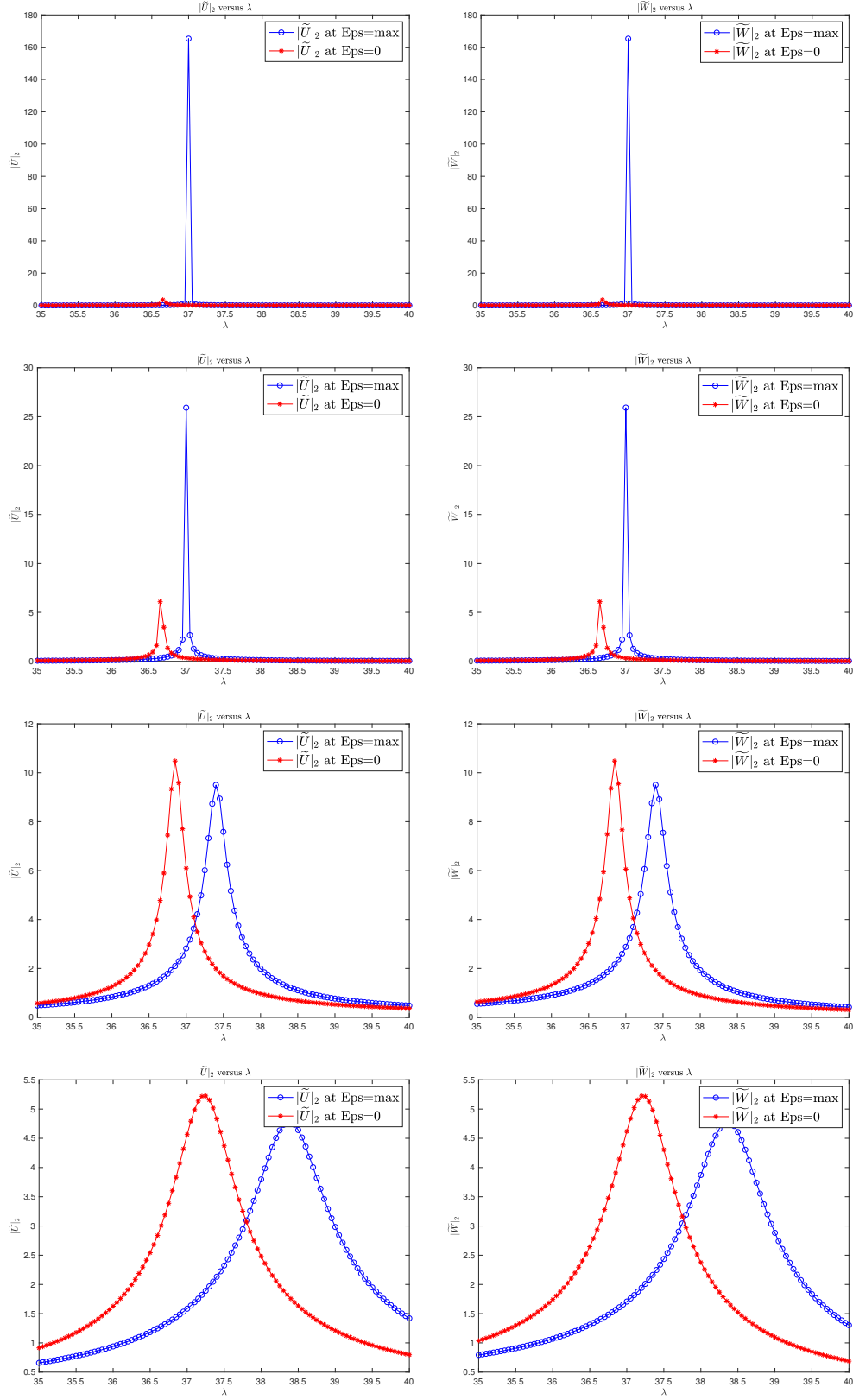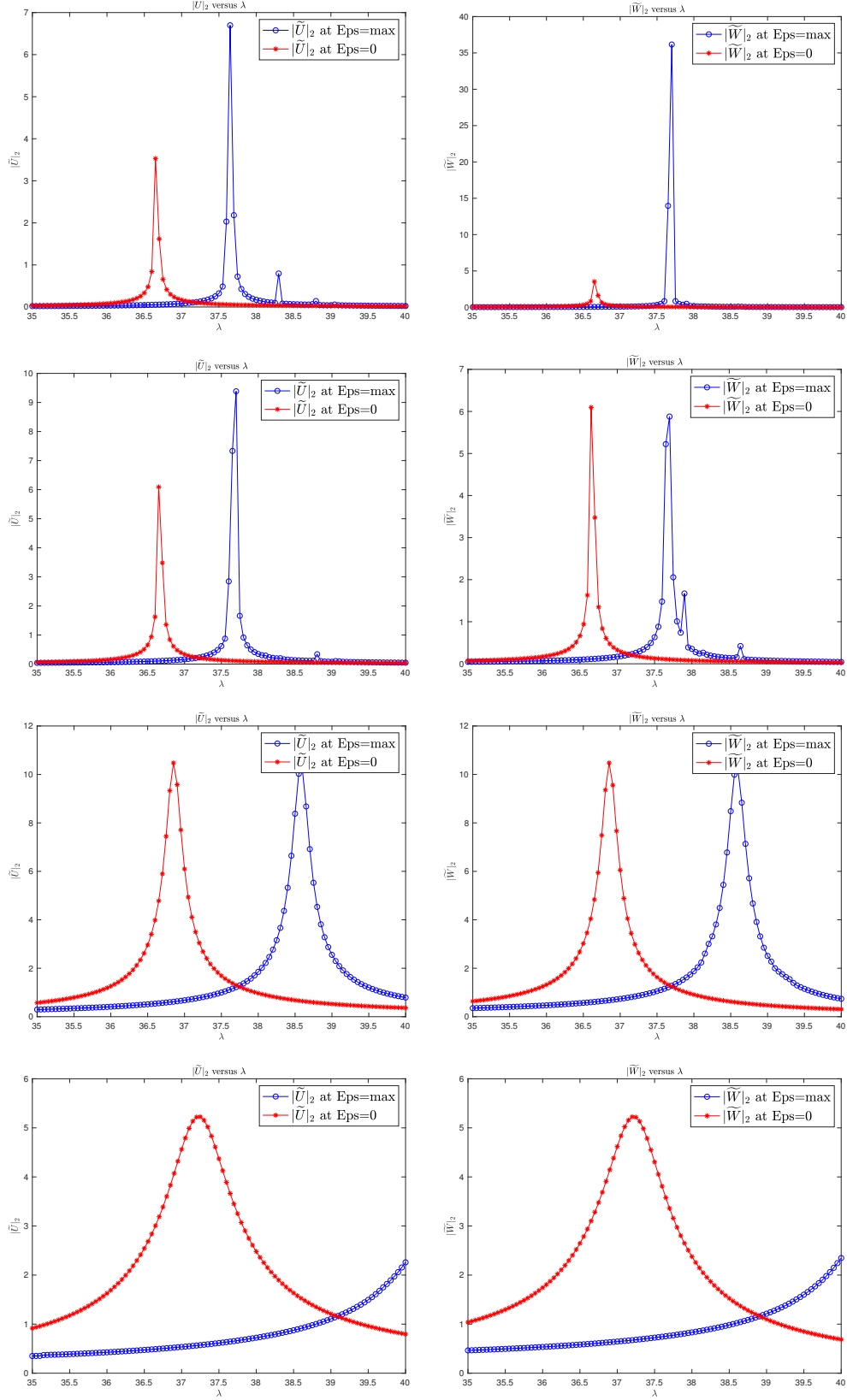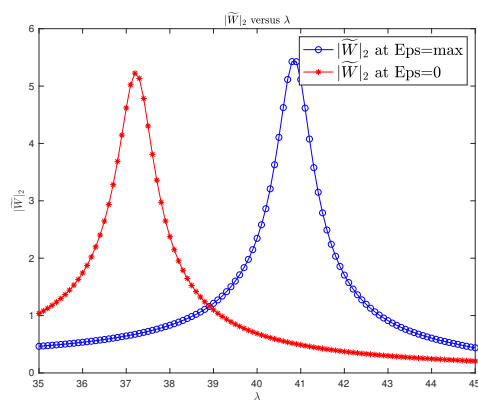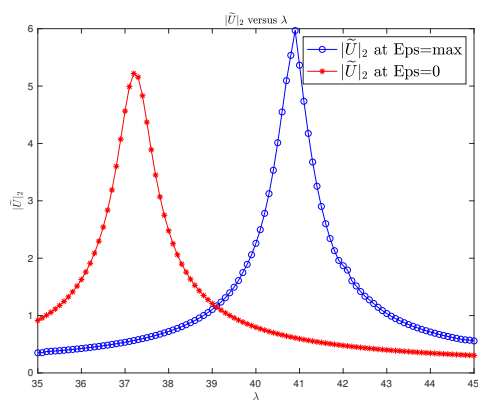
LGSPR with (ALMA), vacuum and vacuum, $\cos(2\theta)$, $\bar{g} = 0.025, 0.05, 0.5, 1$
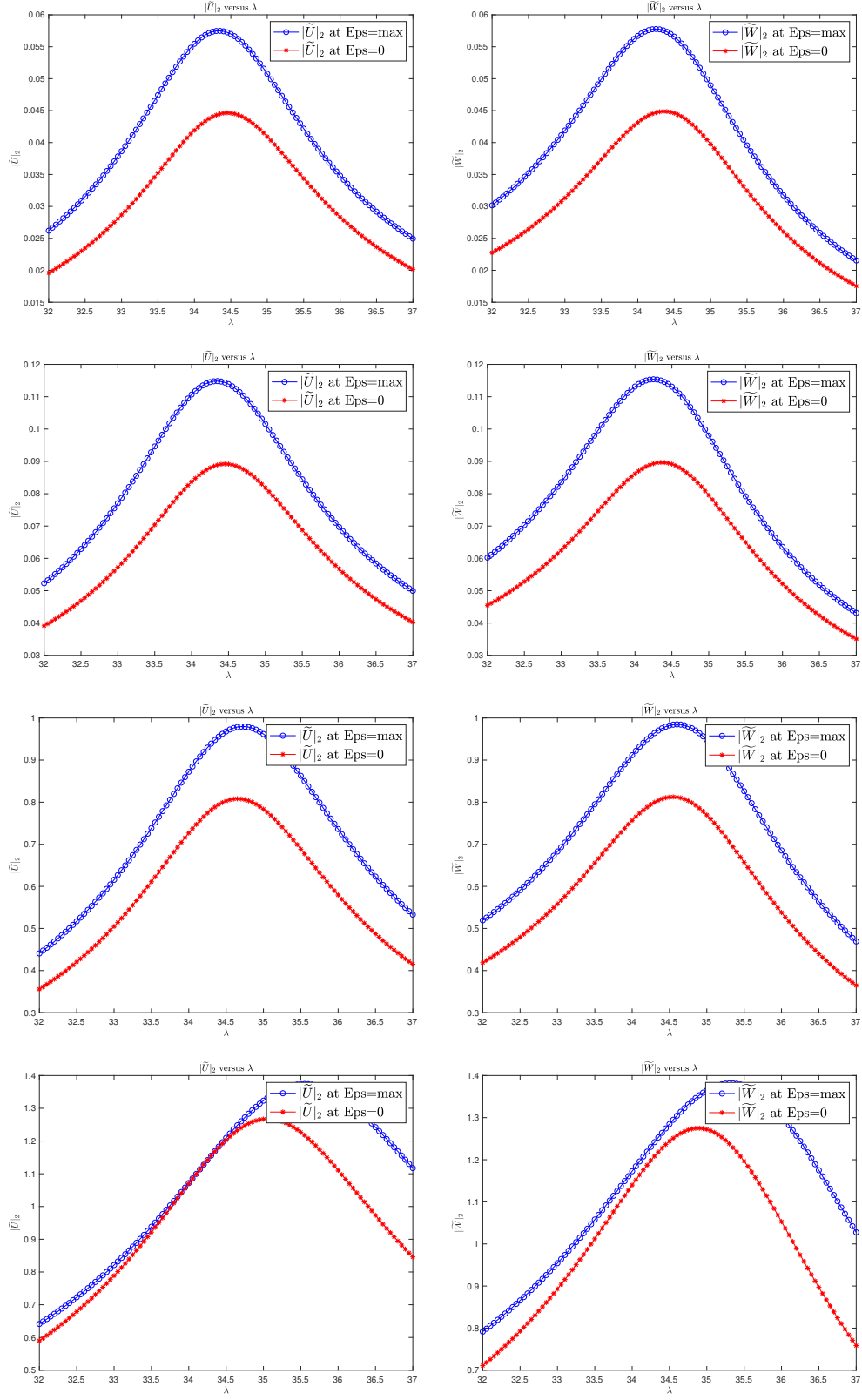
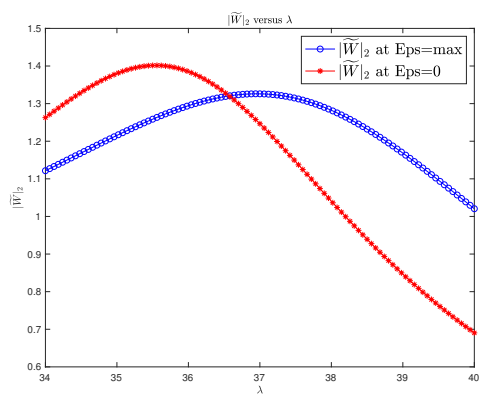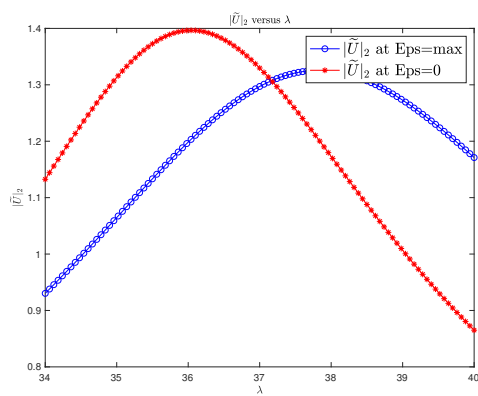# LGSPR with (ALMA), vacuum and vacuum, $\cos(4\theta)$, $\bar{g} = 0.025, 0.05, 0.5, 1$

LGSPR with (ALMA), vacuum and vacuum, $\cos(4\theta)$, $\bar{g} = 1$, $\lambda = 35 \rightarrow 45$
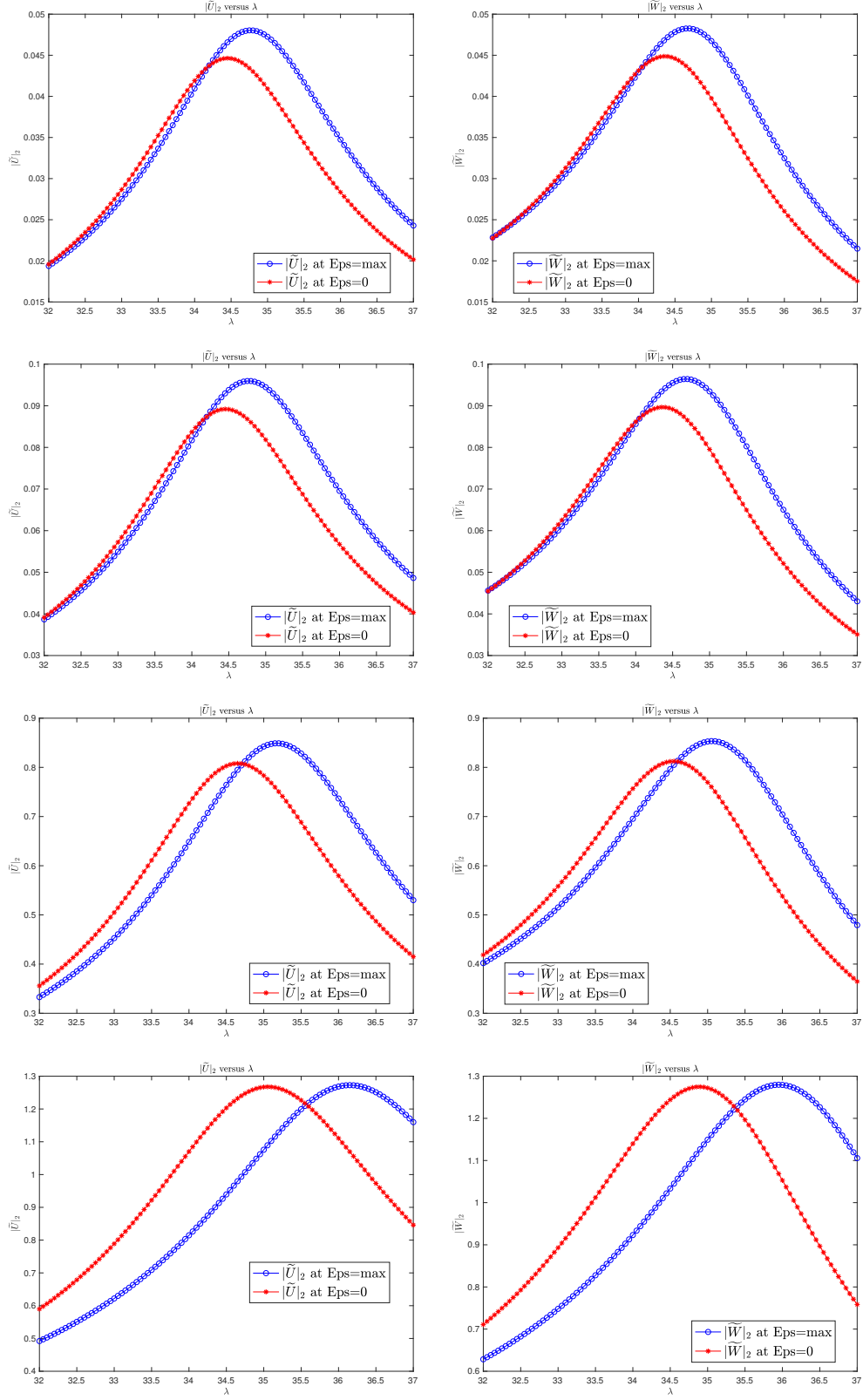
LGSPR with (BFPV), vacuum and vacuum, $\exp(\cos)$, $\bar{g} = 0.0025, 0.05, 0.5, 1$
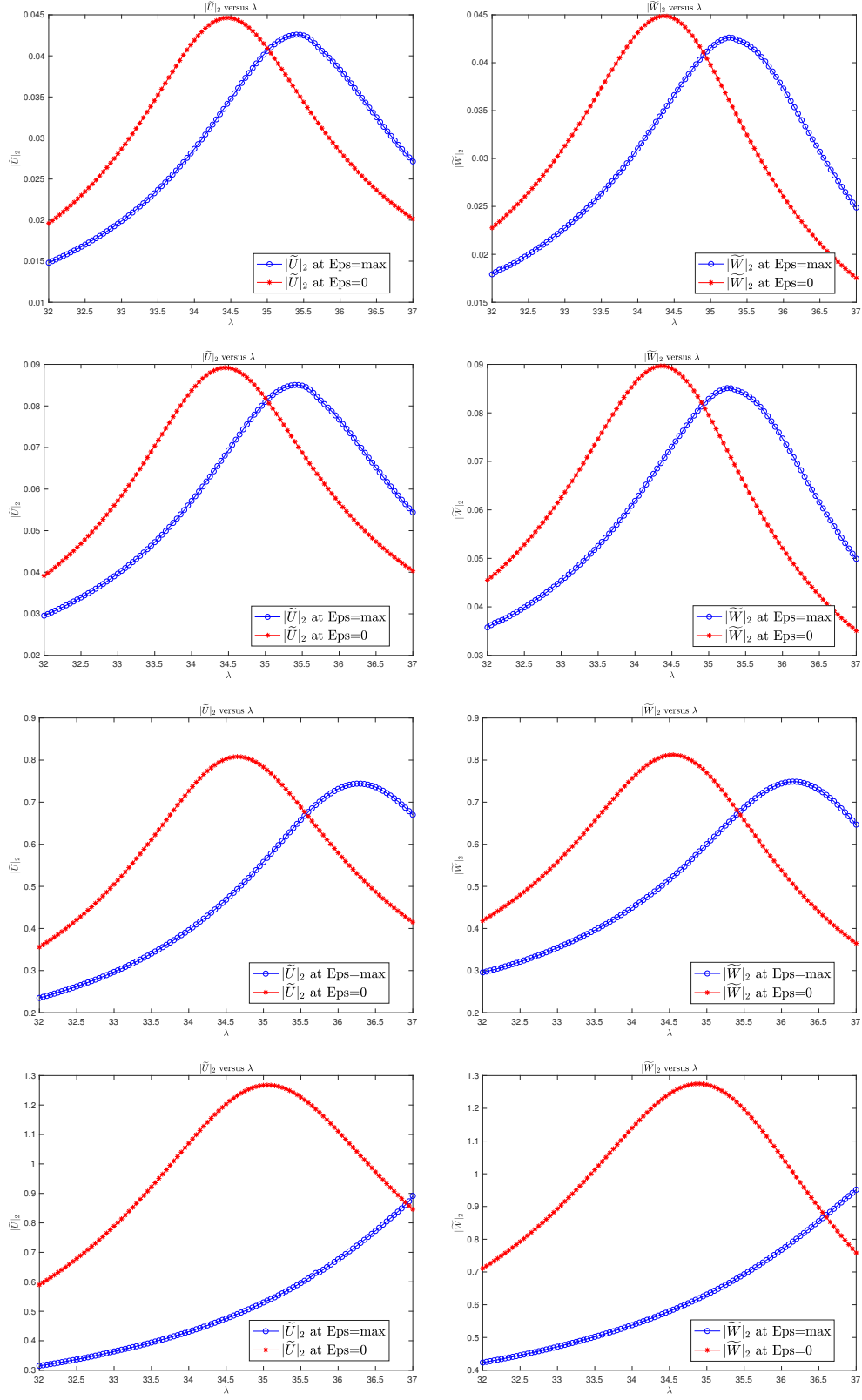
LGSPR with (BFPV), vacuum and vacuum, $\exp(\cos)$, $\lambda = 34 \rightarrow 40$, $\bar{g} = 2$

LGSPR with (BFPV), vacuum and vacuum, $\cos(2\theta)$, $\bar{g} = 0.025, 0.05, 0.5, 1$

LGSPR with (BFPV), vacuum and vacuum, $\cos(4\theta)$, $\bar{g} = 0.025, 0.05, 0.5, 1$

LGSPR with (BFPV), vacuum and vacuum, $\cos(4\theta)$, $\bar{g} = 1$, $\lambda = 34 \rightarrow 40$