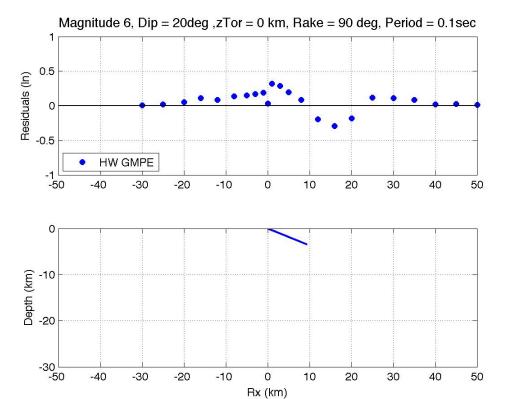
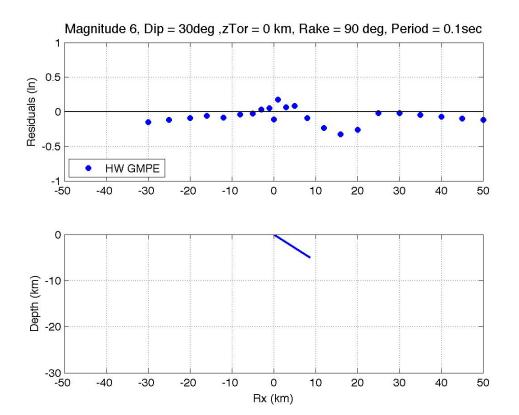


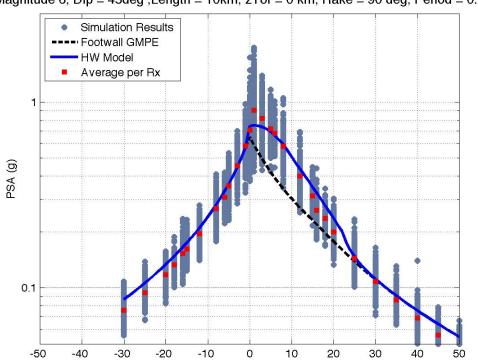
Magnitude 6, Dip = 20deg ,Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



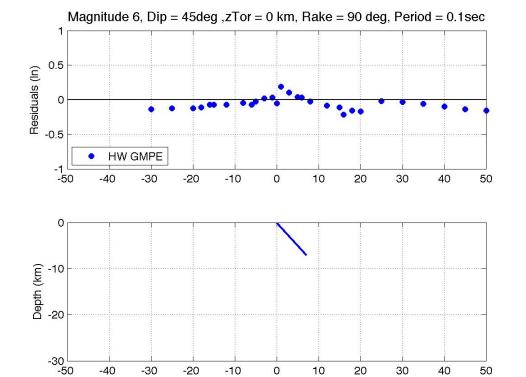
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 -10 10 -50 -40 -30 -20 0 20 30 40

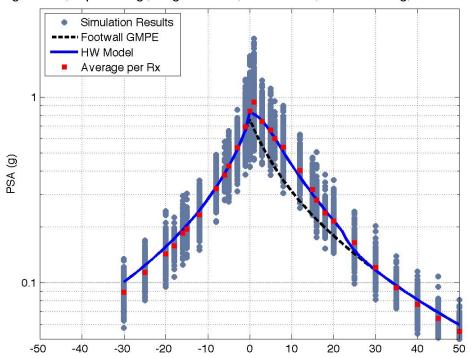
Magnitude 6, Dip = 30deg, Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



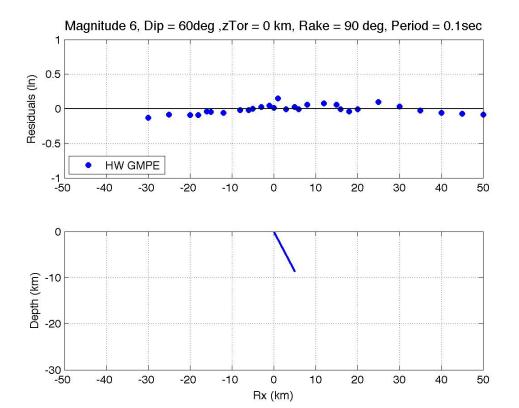


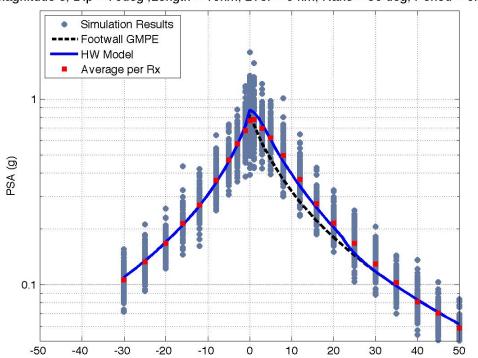
Magnitude 6, Dip = 45deg ,Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



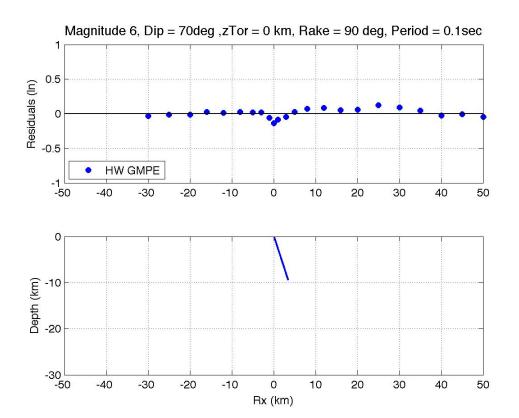


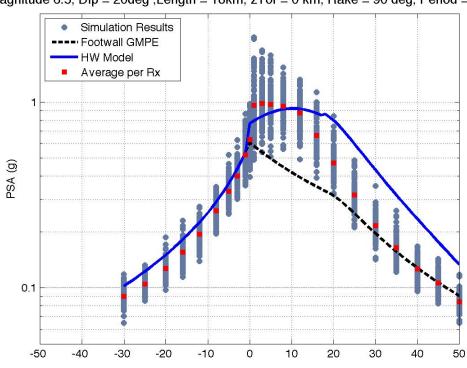
Magnitude 6, Dip = 60deg ,Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



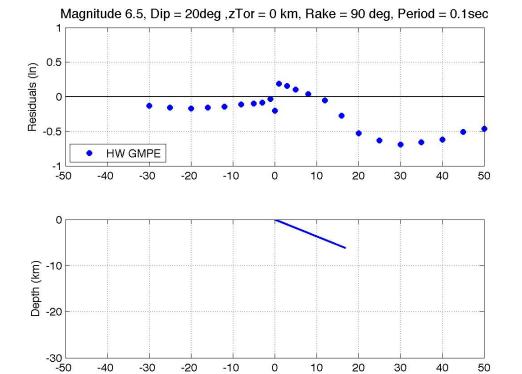


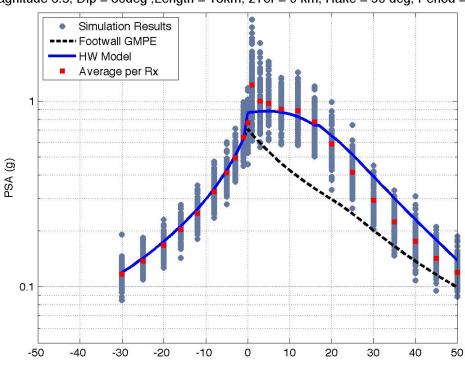
Magnitude 6, Dip = 70deg, Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



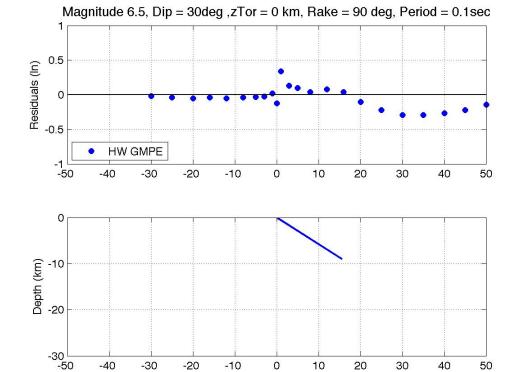


Magnitude 6.5, Dip = 20deg, Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec





Magnitude 6.5, Dip = 30deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec

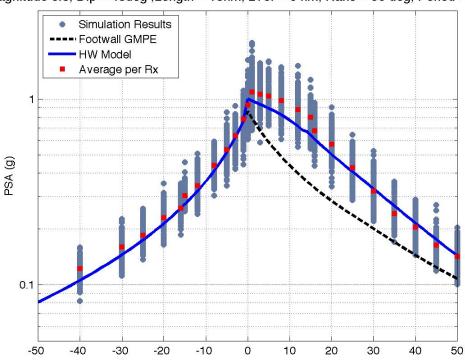


-10

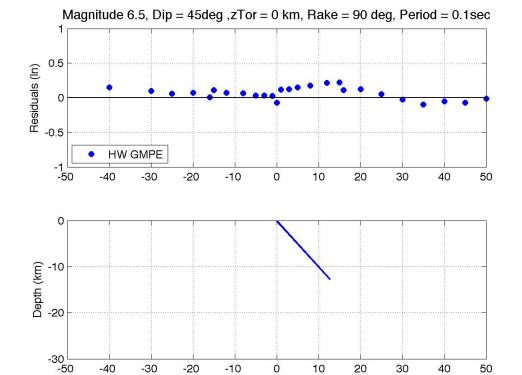
10

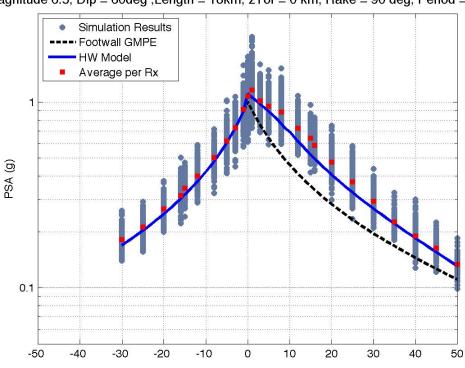
Rx (km)

20

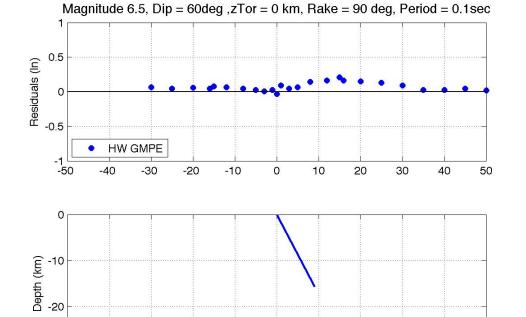


Magnitude 6.5, Dip = 45deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec





Magnitude 6.5, Dip = 60deg, Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



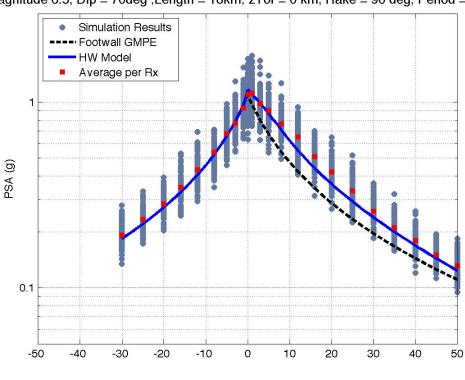
-10

-30 ^L -50

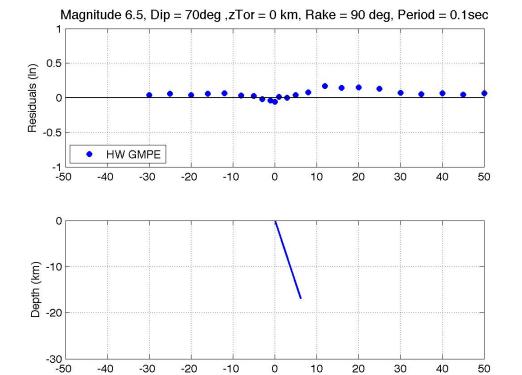
10

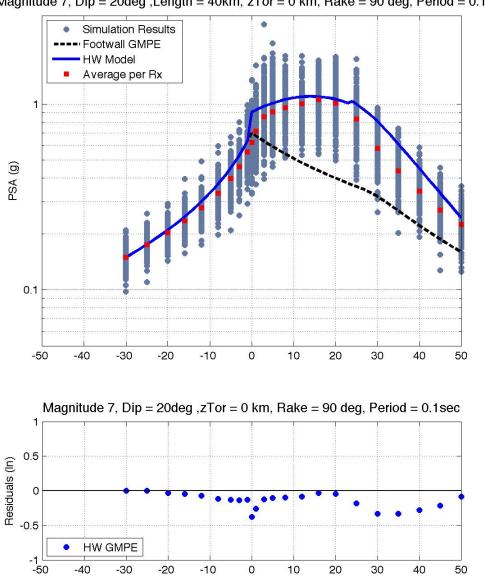
Rx (km)

20



Magnitude 6.5, Dip = 70deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec





0

Depth (km) -20

> -30 ^L -50

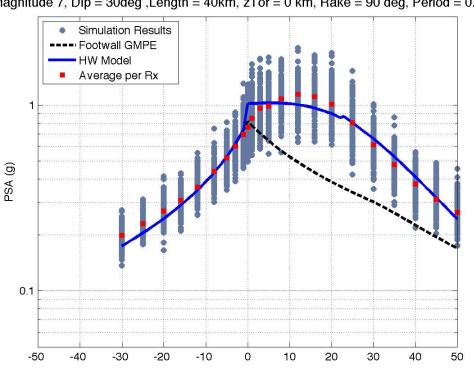
Magnitude 7, Dip = 20deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec

10

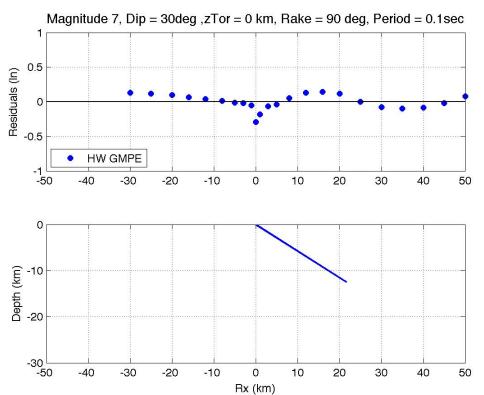
Rx (km)

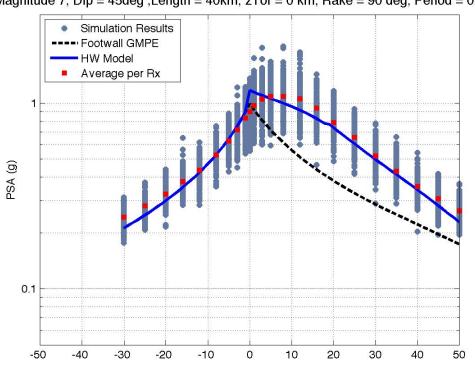
20

-10

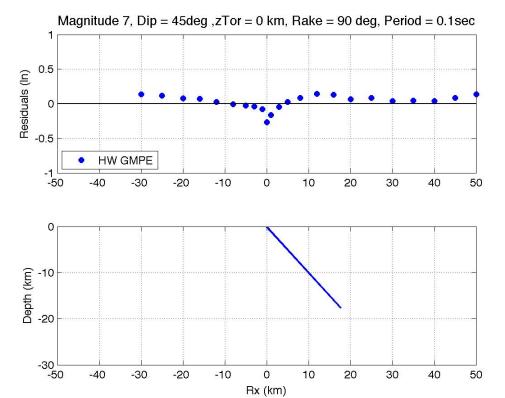


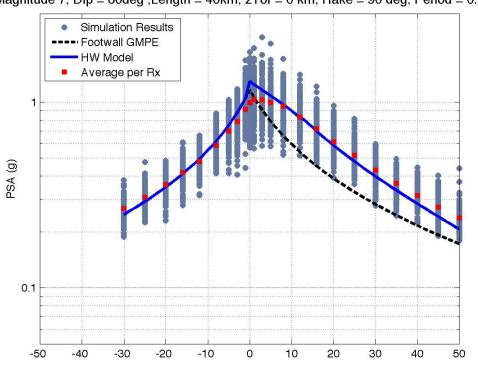
Magnitude 7, Dip = 30deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



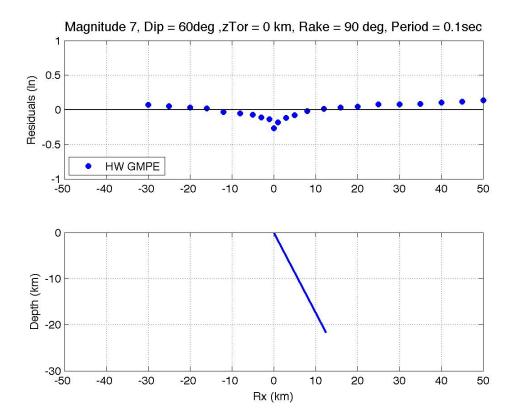


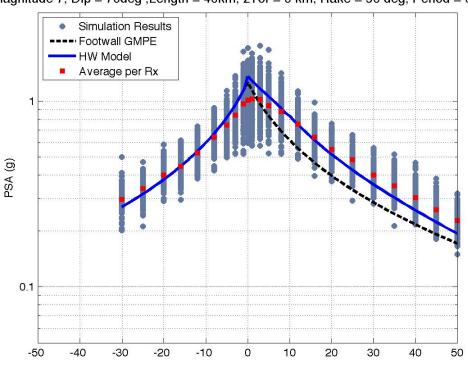
Magnitude 7, Dip = 45deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



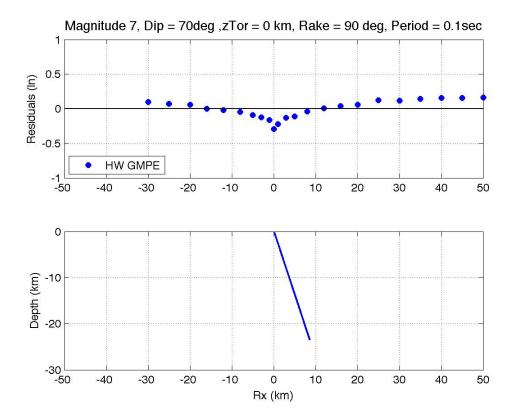


Magnitude 7, Dip = 60deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



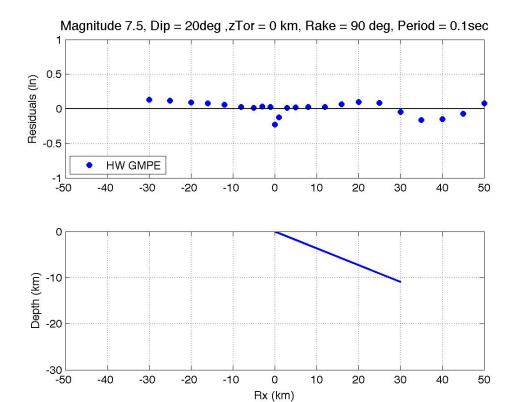


Magnitude 7, Dip = 70deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



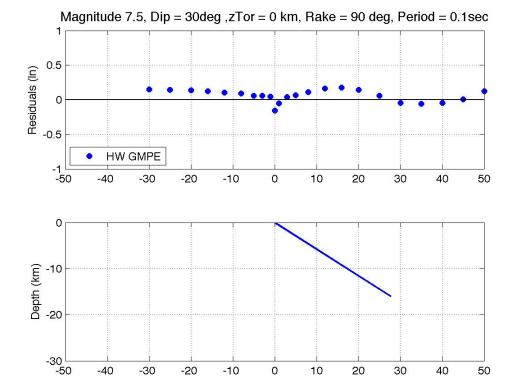
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 20deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



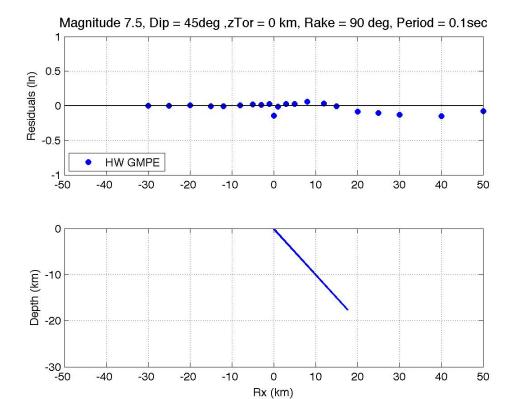
Simulation Results ■ Footwall GMPE - HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 30deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



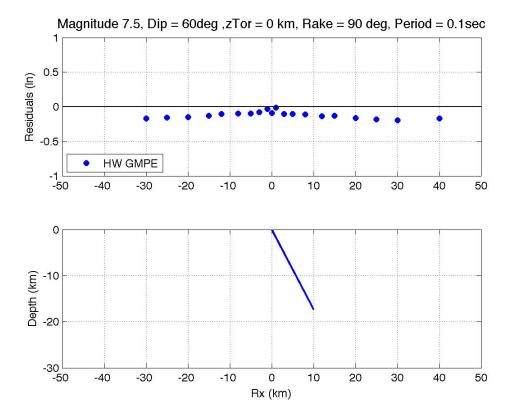
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 45deg ,Length = 126km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



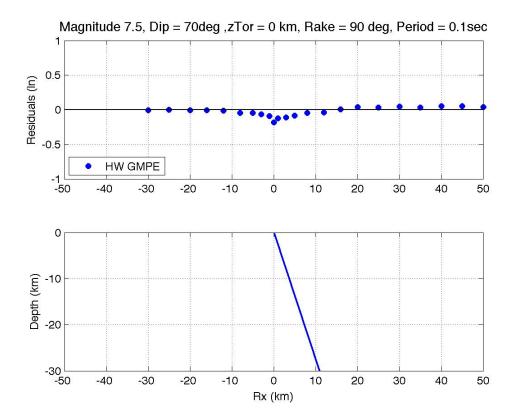
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 60deg ,Length = 150km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



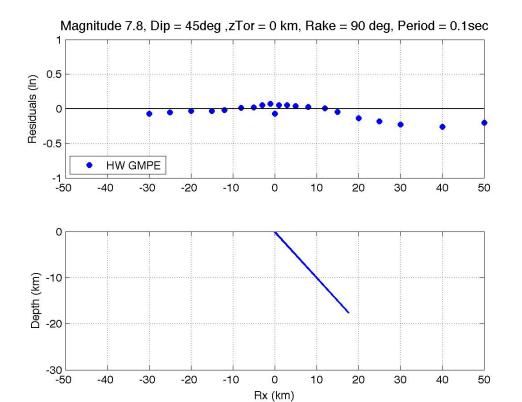
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 70deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



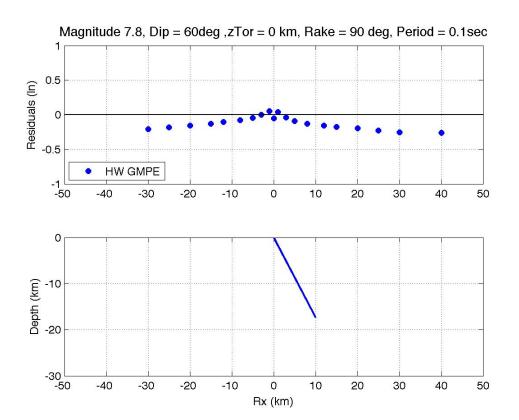
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

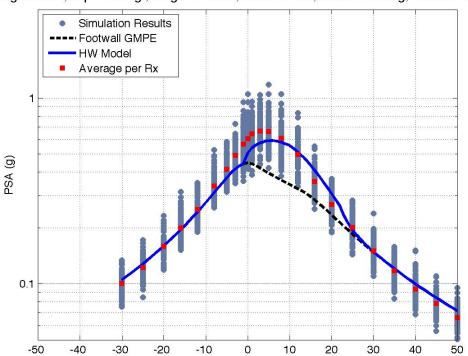
Magnitude 7.8, Dip = 45deg ,Length = 180km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



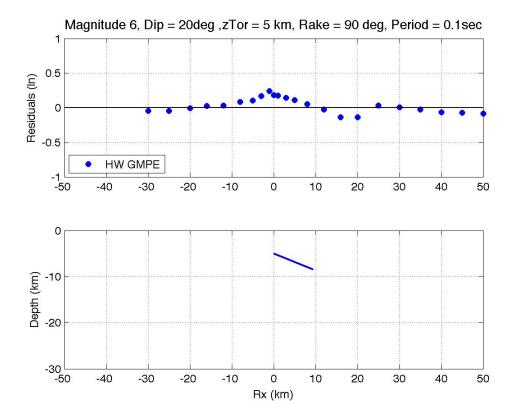
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.8, Dip = 60deg ,Length = 200km, zTor = 0 km, Rake = 90 deg, Period = 0.1sec



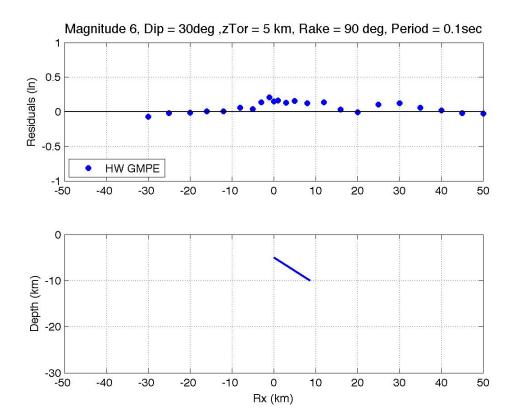






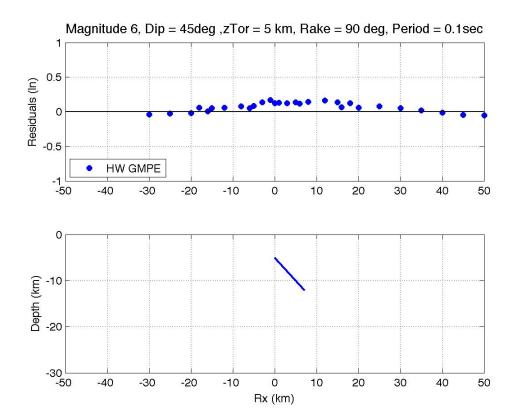
Simulation Results • ■· Footwall GMPE - HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 6, Dip = 30deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.1sec



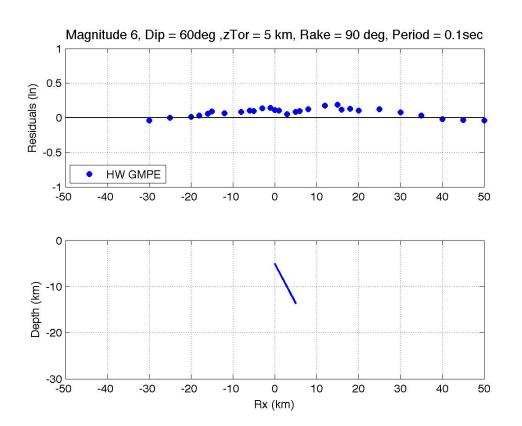
Simulation Results ■ Footwall GMPE - HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 50 40

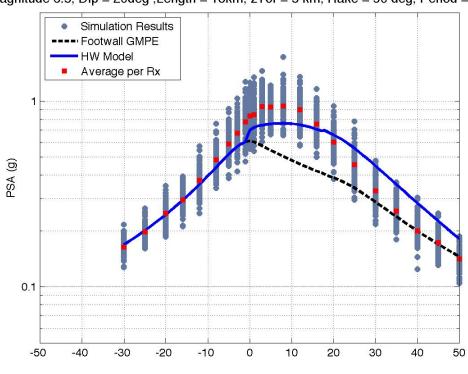
Magnitude 6, Dip = 45deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.1sec



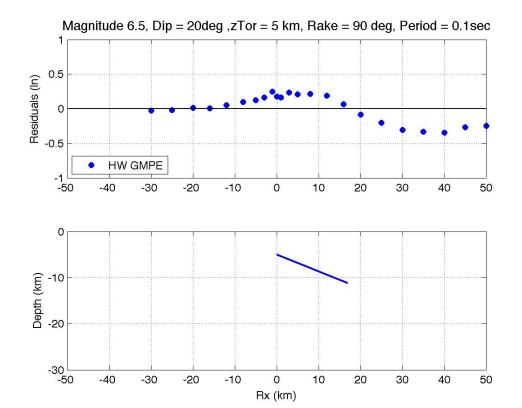
Simulation Results ■ Footwall GMPE - HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 50 40

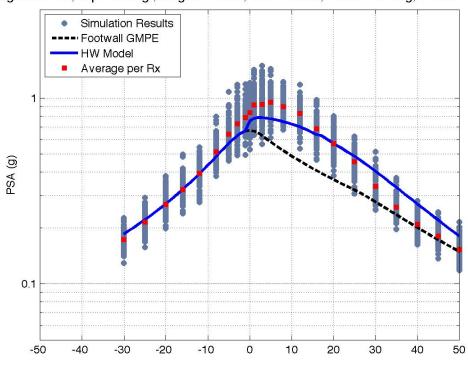
Magnitude 6, Dip = 60deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.1sec



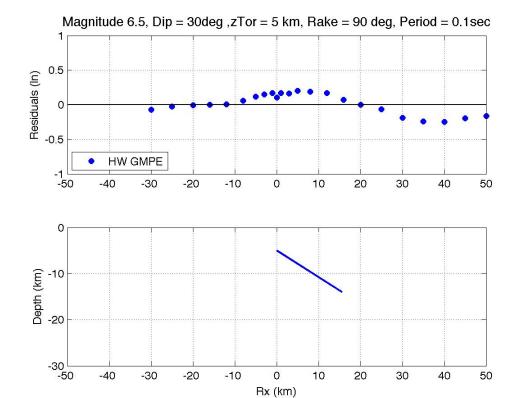


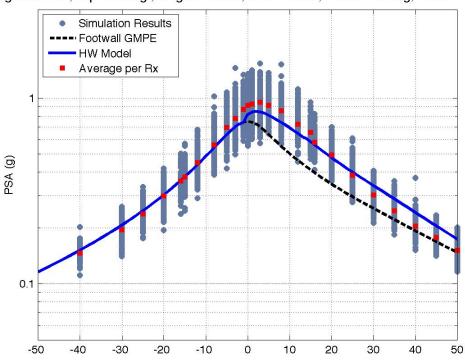
Magnitude 6.5, Dip = 20deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.1sec



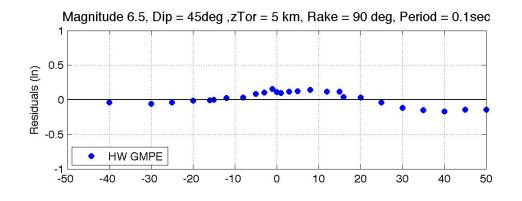


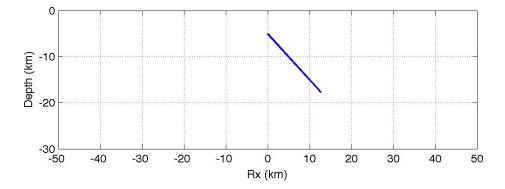
Magnitude 6.5, Dip = 30deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.1sec

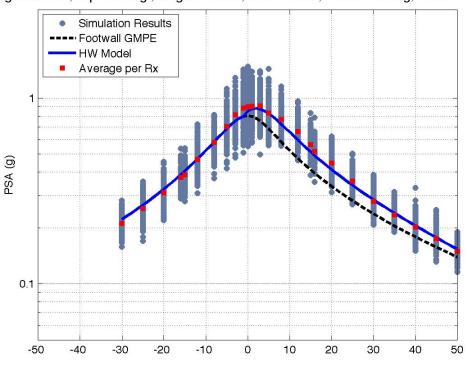




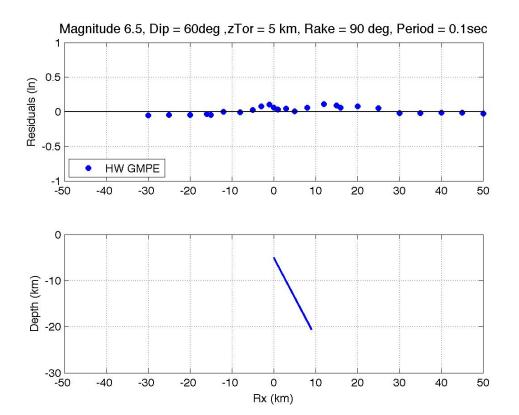
Magnitude 6.5, Dip = 45deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.1sec

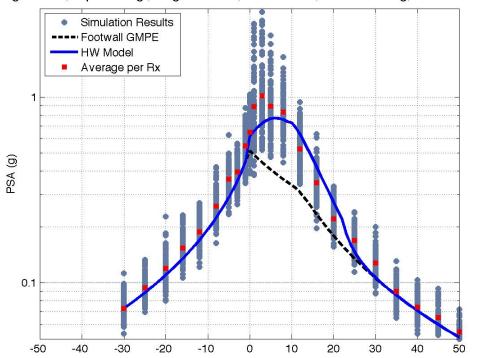




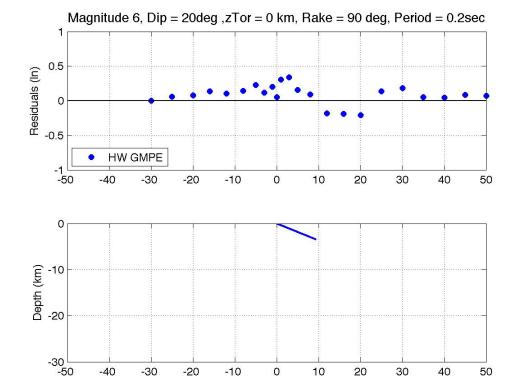


Magnitude 6.5, Dip = 60deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.1sec



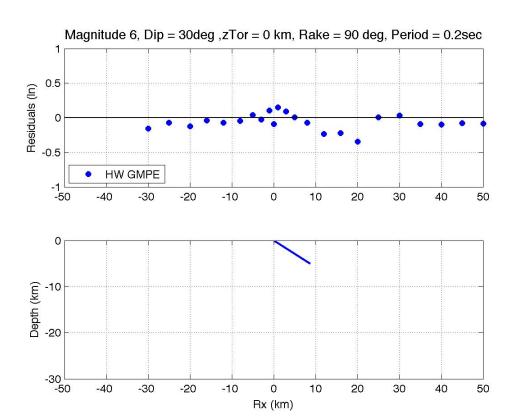


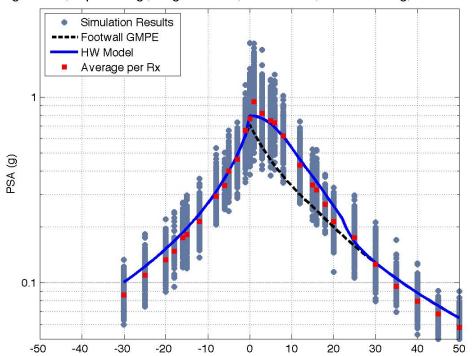
Magnitude 6, Dip = 20deg ,Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



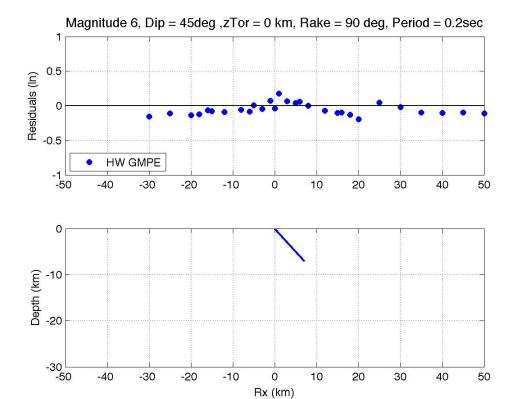
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40

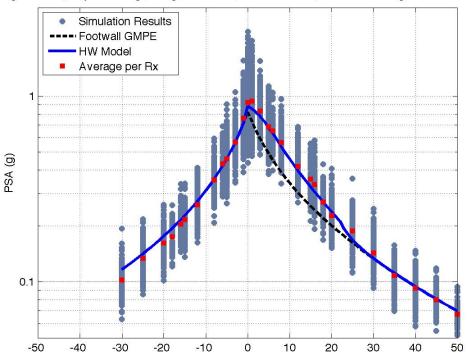
Magnitude 6, Dip = 30deg, Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



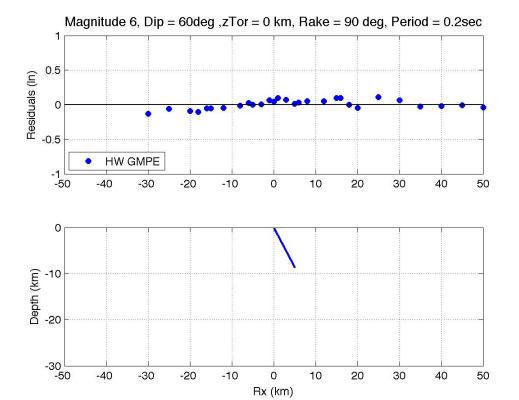


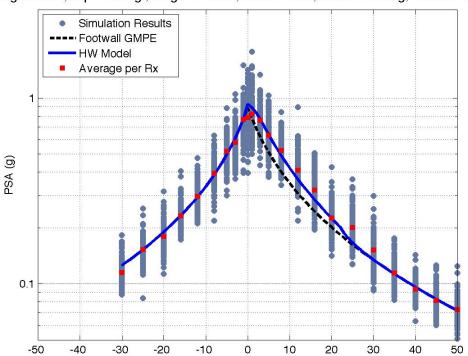
Magnitude 6, Dip = 45deg ,Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



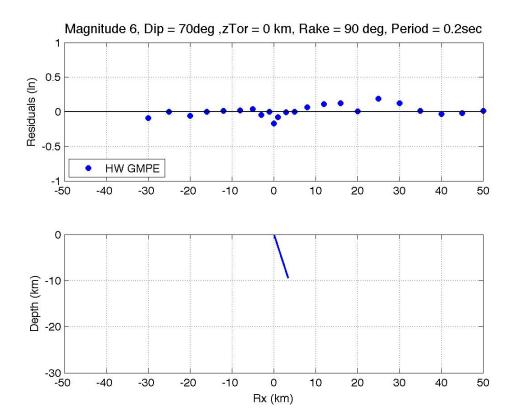


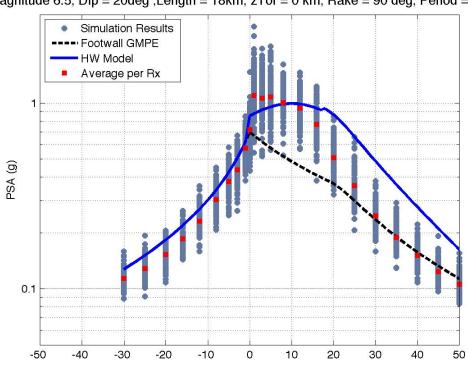




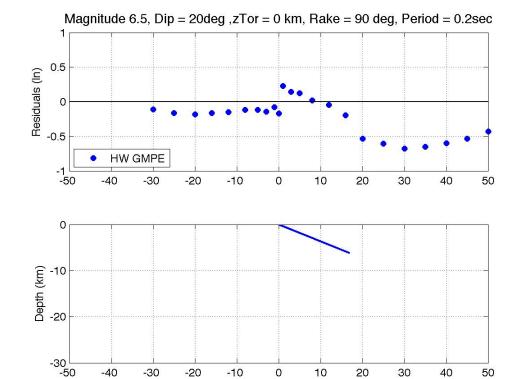


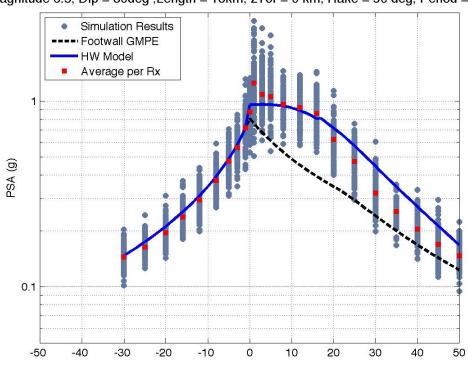




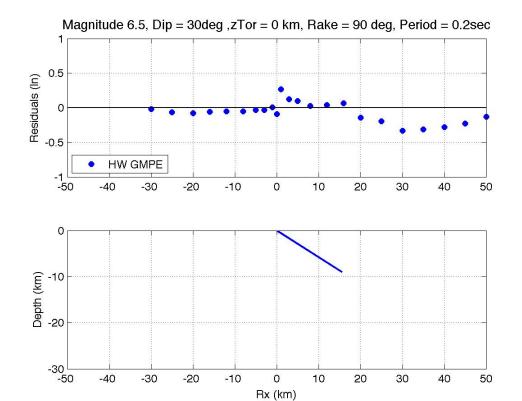


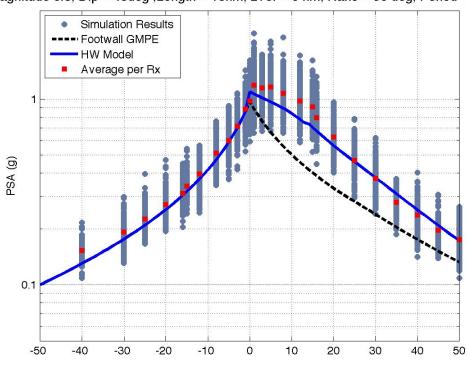
Magnitude 6.5, Dip = 20deg, Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



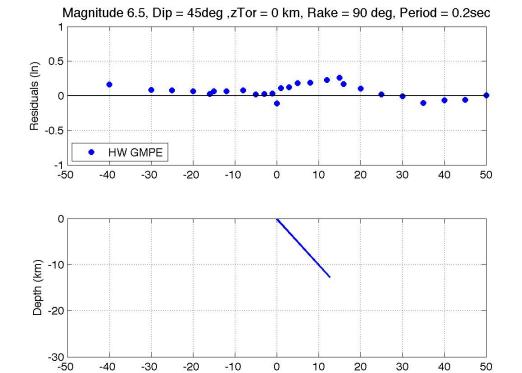


Magnitude 6.5, Dip = 30deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec





Magnitude 6.5, Dip = 45deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec

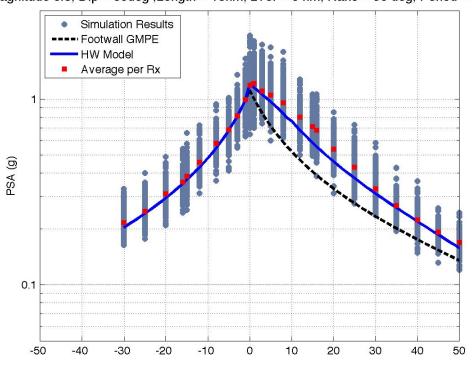


-10

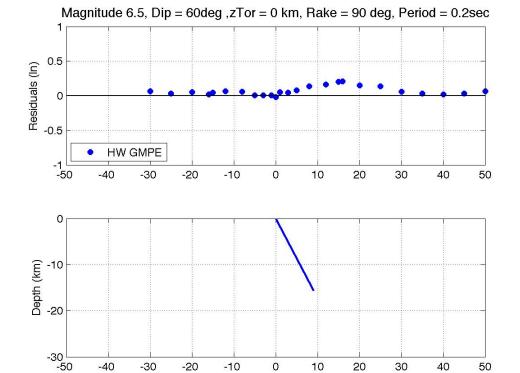
10

Rx (km)

20



Magnitude 6.5, Dip = 60deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec

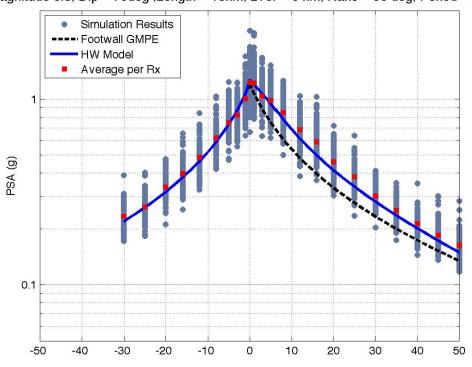


-10

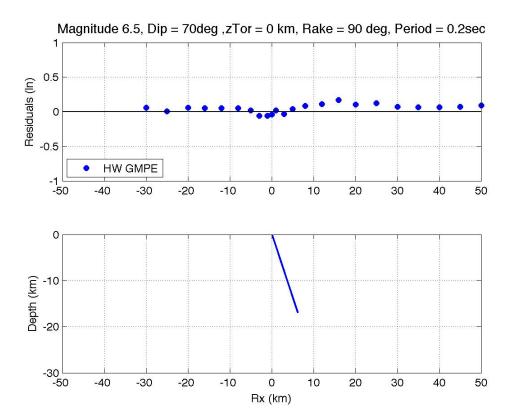
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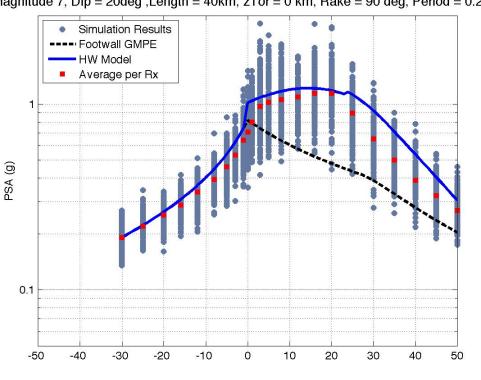
Rx (km)

20

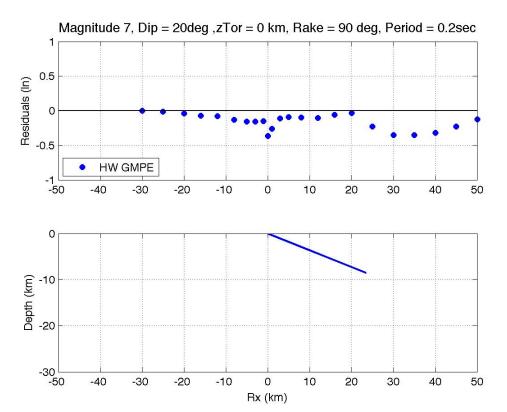


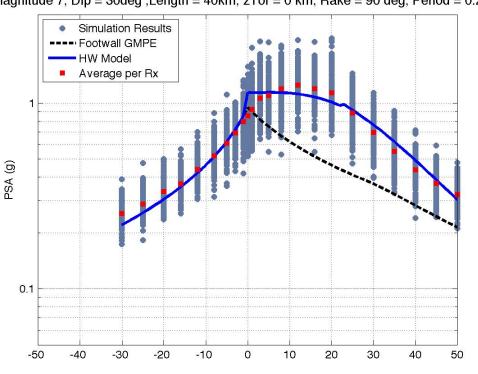
Magnitude 6.5, Dip = 70deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



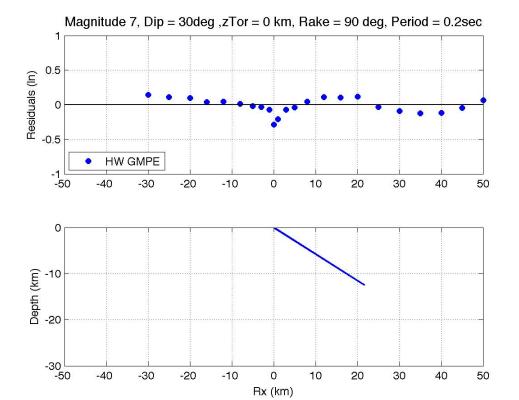


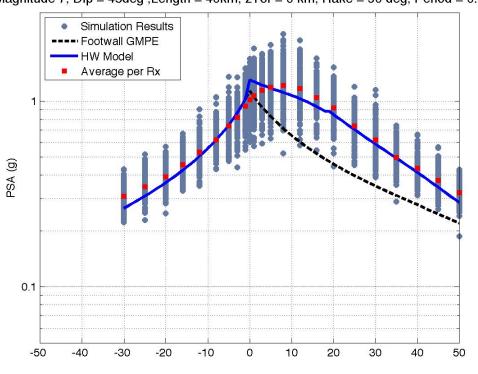
Magnitude 7, Dip = 20deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



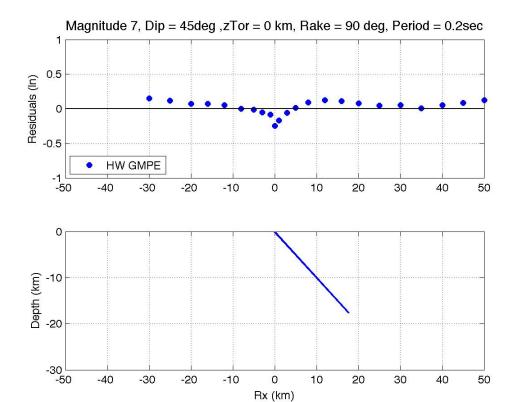


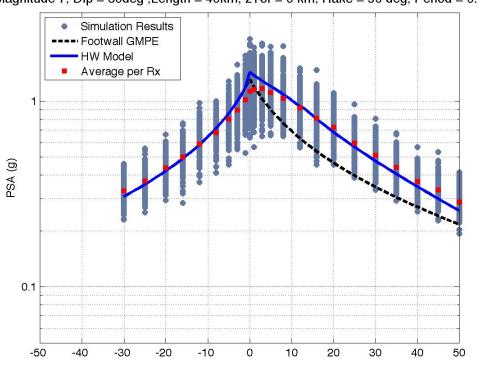
Magnitude 7, Dip = 30deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



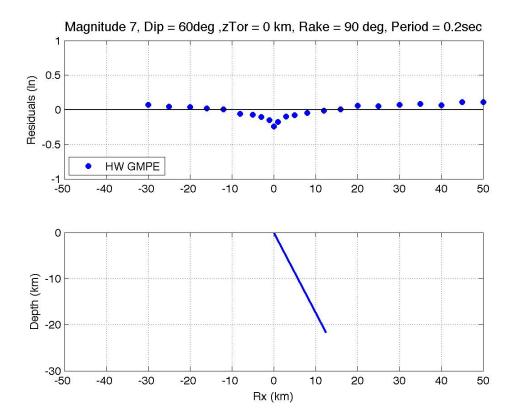


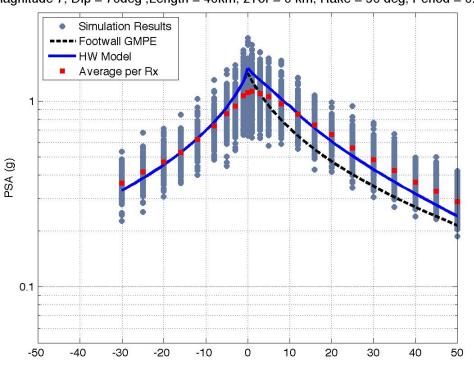
Magnitude 7, Dip = 45deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



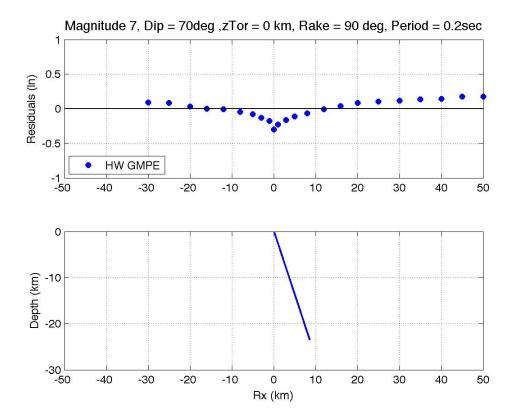


Magnitude 7, Dip = 60deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



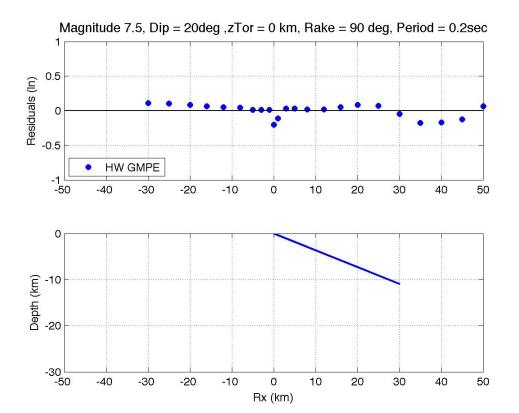


Magnitude 7, Dip = 70deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



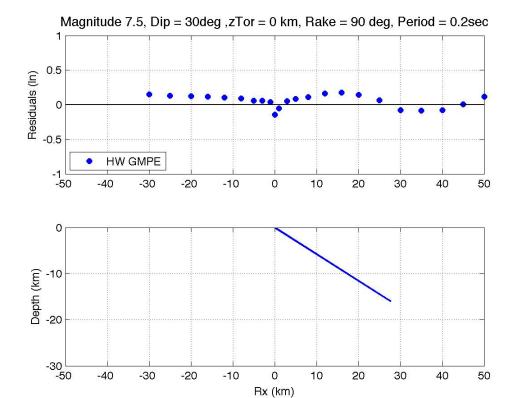
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 20deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



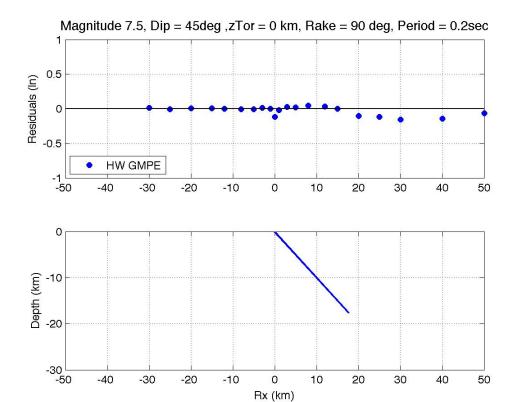
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 30deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



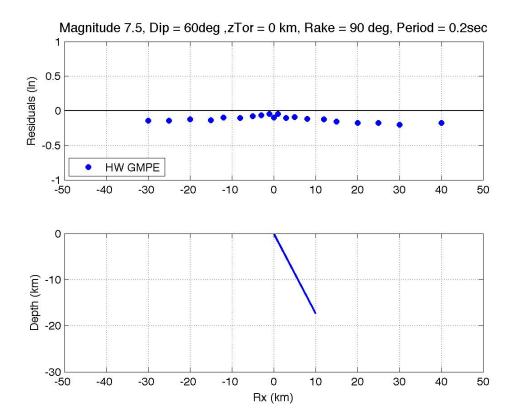
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 45deg ,Length = 126km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



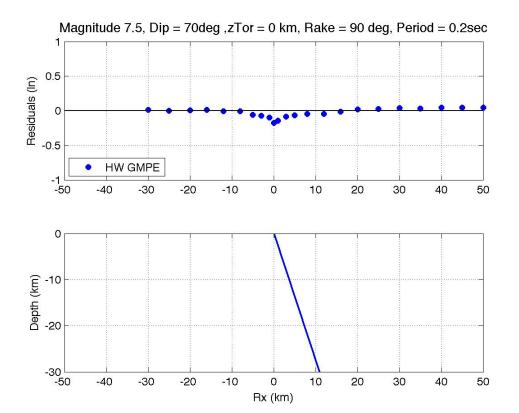
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 60deg ,Length = 150km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



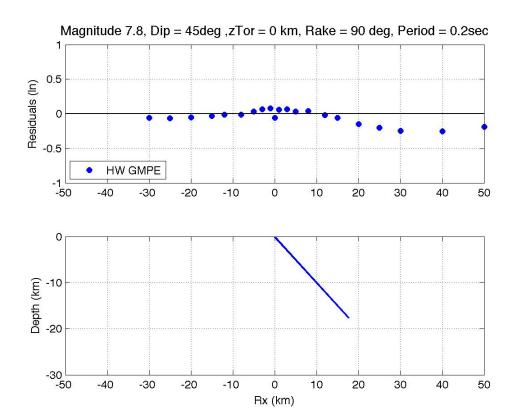
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 70deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



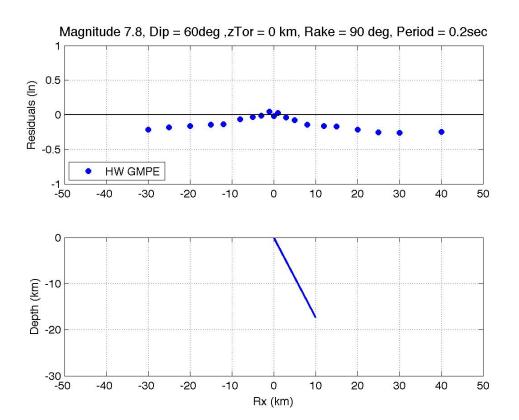
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

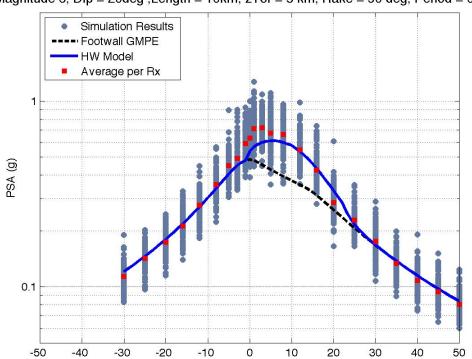
Magnitude 7.8, Dip = 45deg ,Length = 180km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec



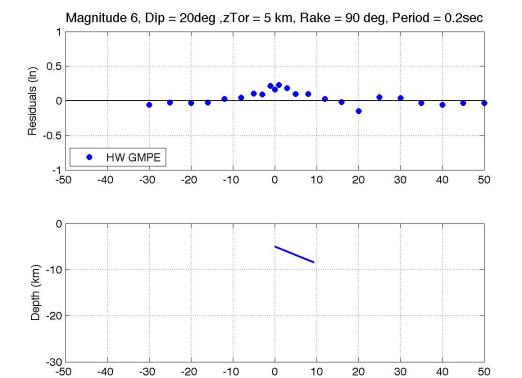
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.8, Dip = 60deg ,Length = 200km, zTor = 0 km, Rake = 90 deg, Period = 0.2sec





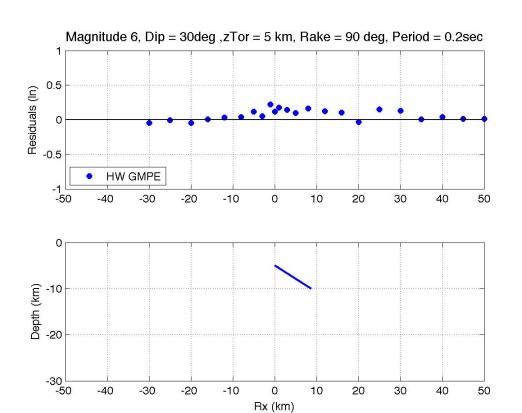
Magnitude 6, Dip = 20deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



Rx (km)

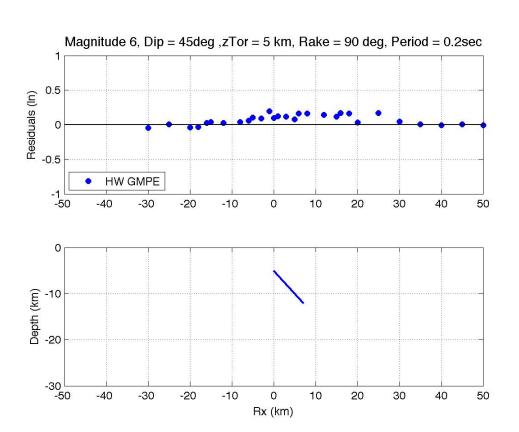
Simulation Results • ■· Footwall GMPE - HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 6, Dip = 30deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



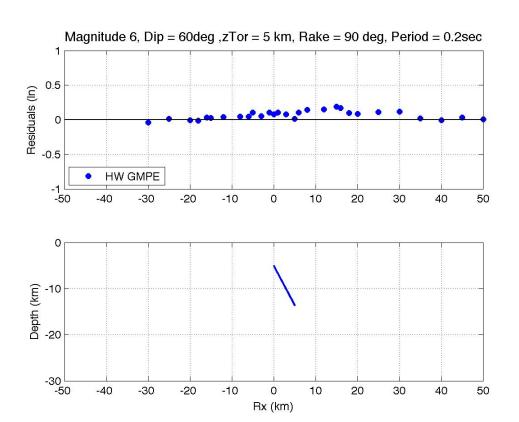
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

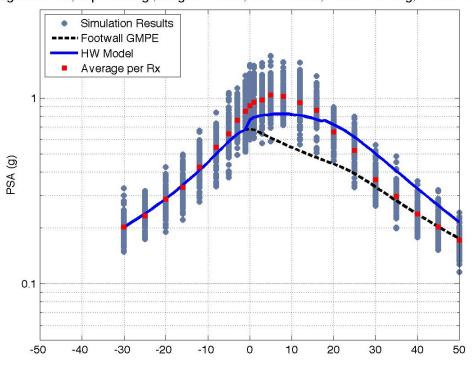
Magnitude 6, Dip = 45deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



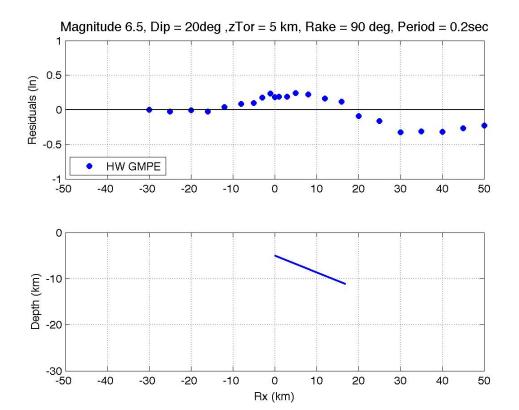
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

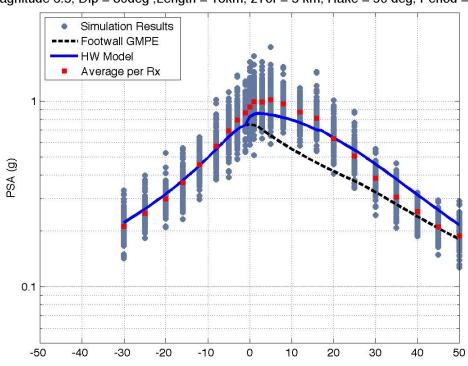
Magnitude 6, Dip = 60deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



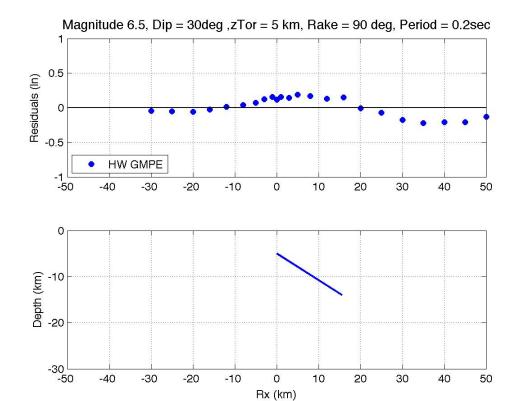


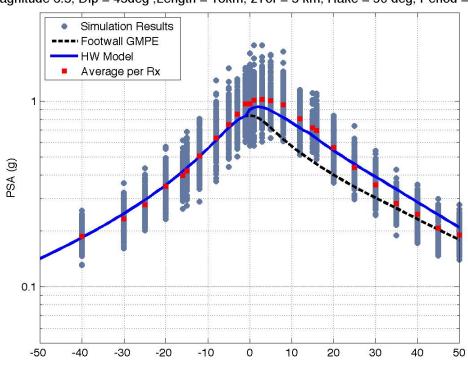
Magnitude 6.5, Dip = 20deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



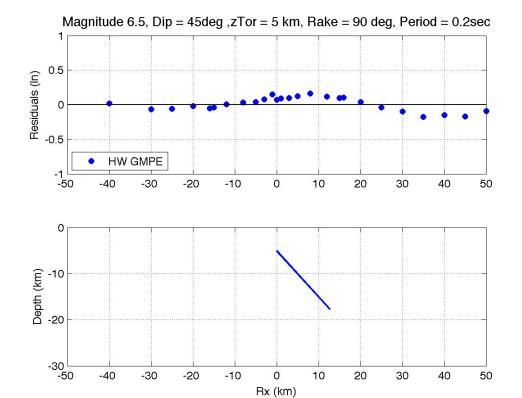


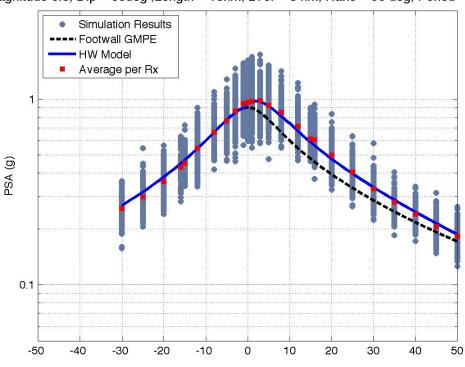
Magnitude 6.5, Dip = 30deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



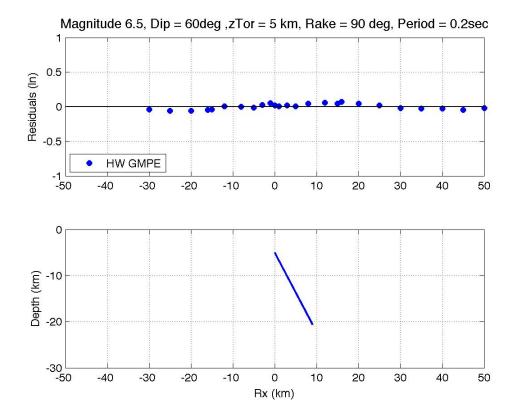


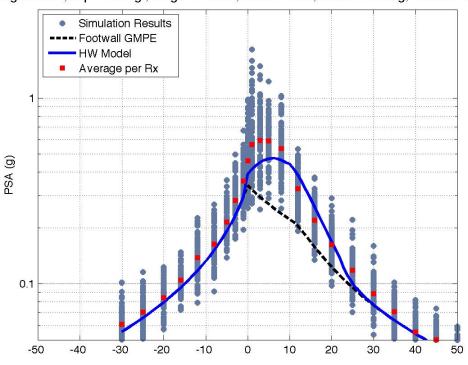
Magnitude 6.5, Dip = 45deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



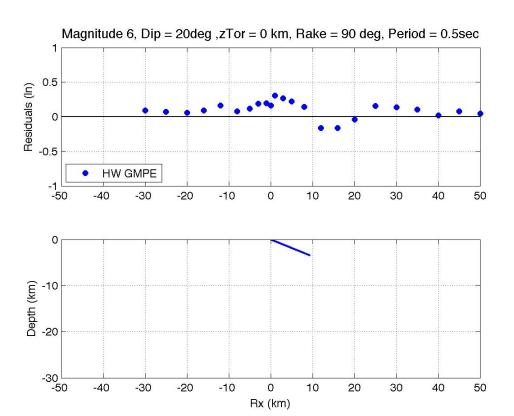


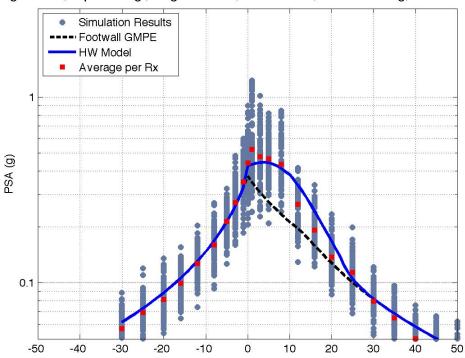
Magnitude 6.5, Dip = 60deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.2sec



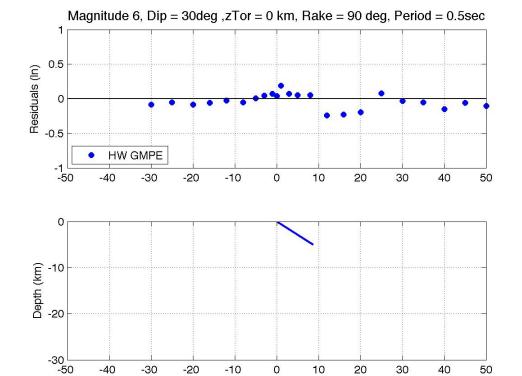








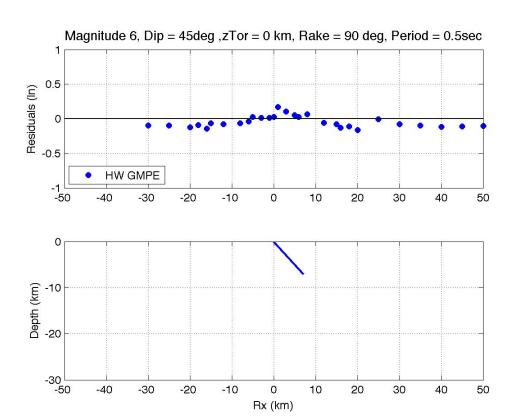
Magnitude 6, Dip = 30deg, Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec

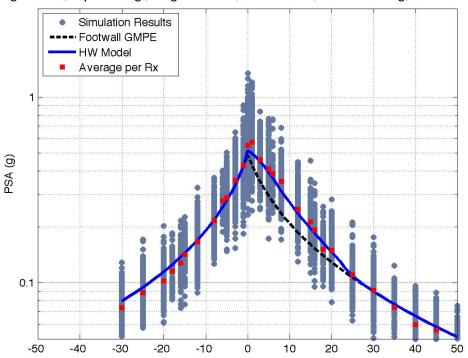


Rx (km)

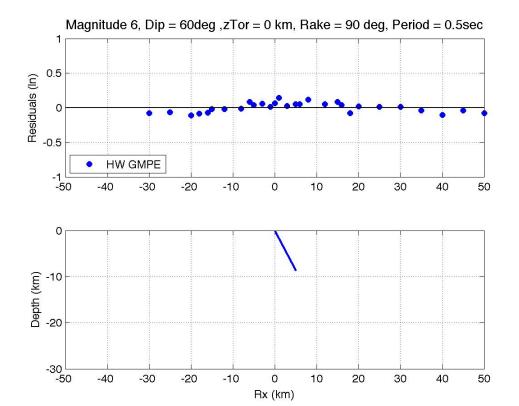
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 -10 10 -50 -40 -30 -20 0 20 30 40

Magnitude 6, Dip = 45deg ,Length = 10km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



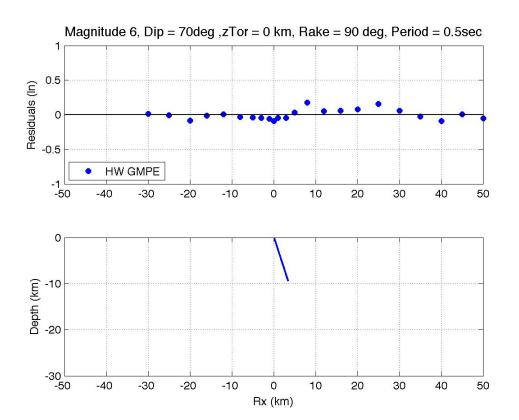


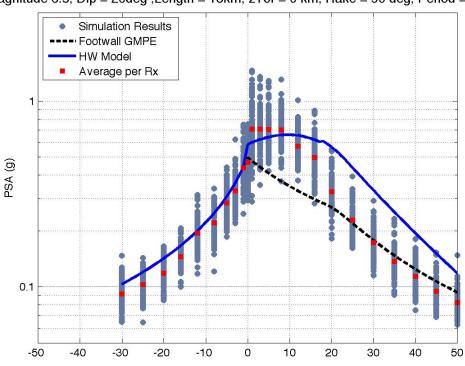




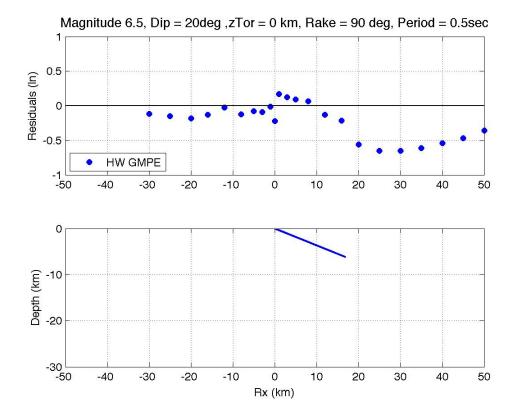
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 -10 30 -50 -40 -30 -20 0 10 20 40

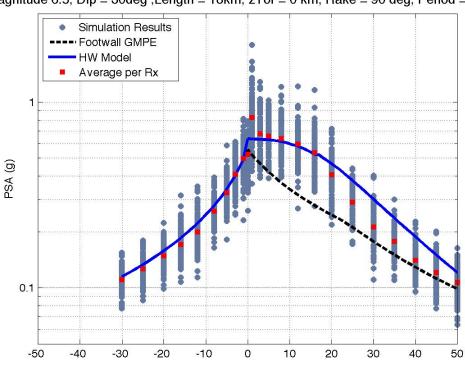




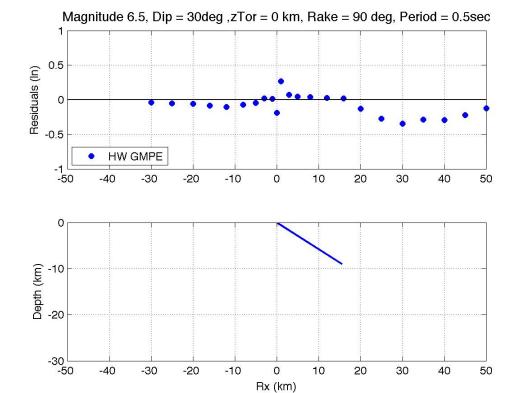


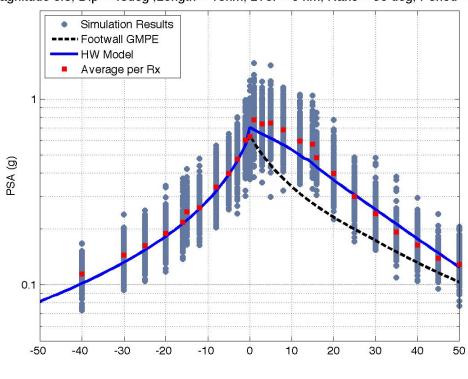
Magnitude 6.5, Dip = 20deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



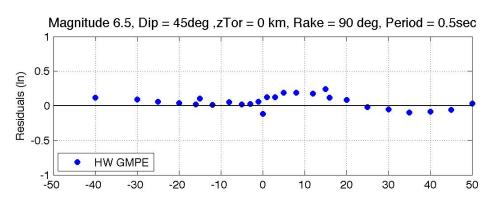


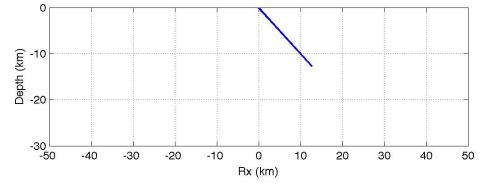
Magnitude 6.5, Dip = 30deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec

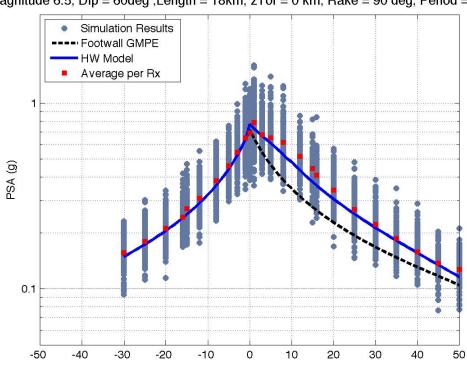




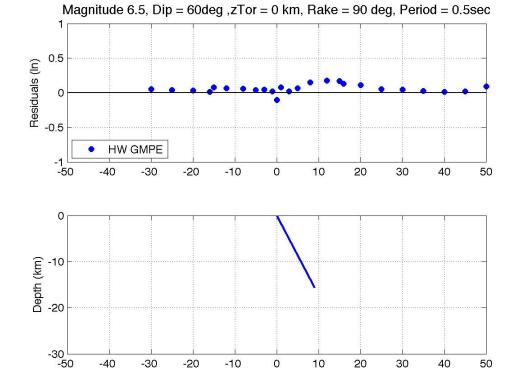
Magnitude 6.5, Dip = 45deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec







Magnitude 6.5, Dip = 60deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec

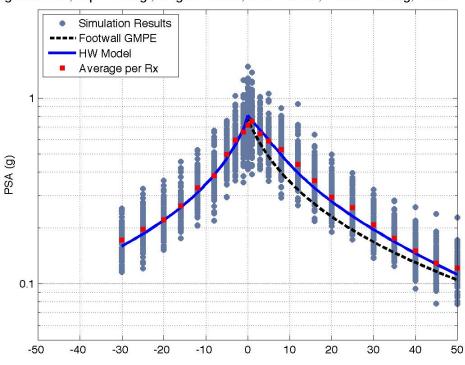


-10

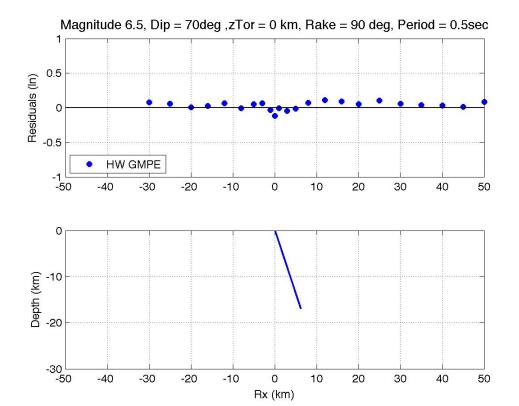
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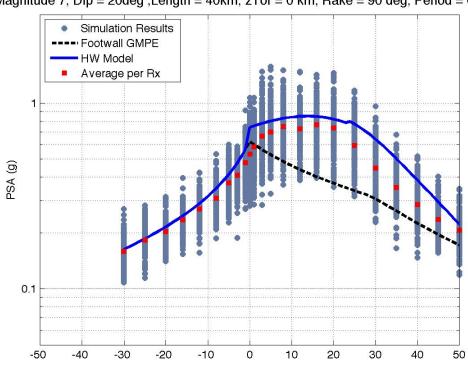
Rx (km)

20

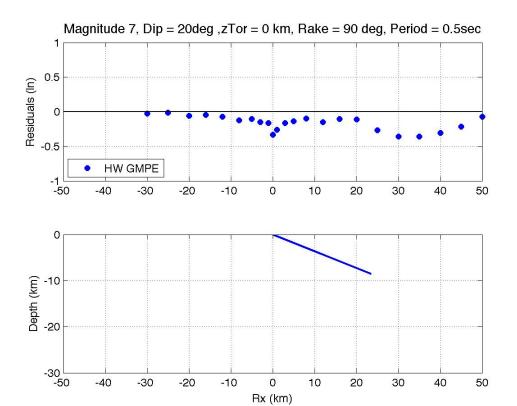


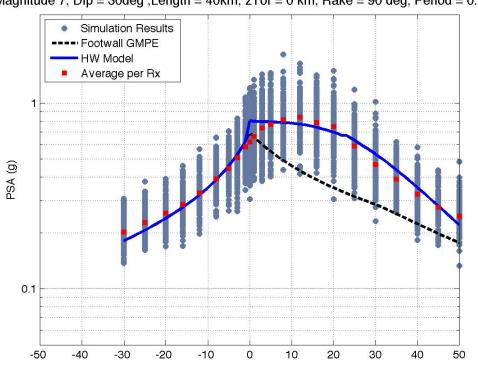
Magnitude 6.5, Dip = 70deg ,Length = 18km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



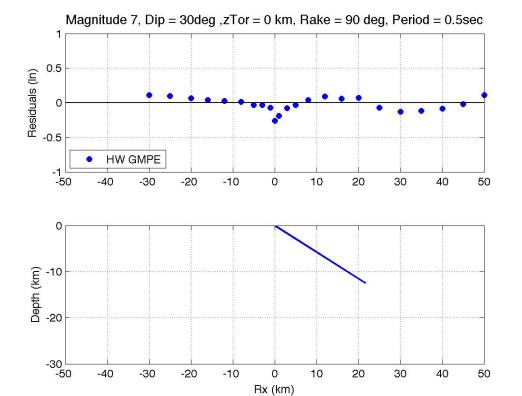


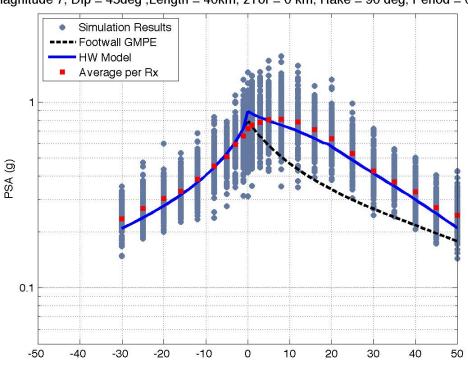
Magnitude 7, Dip = 20deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



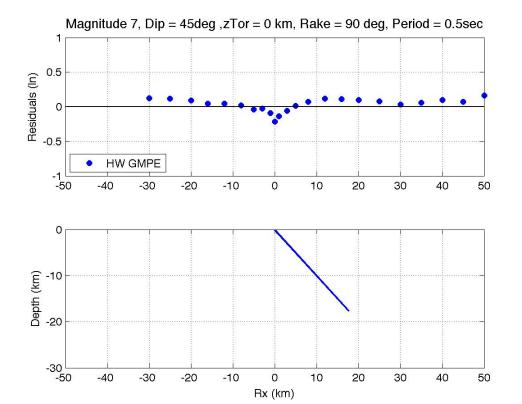


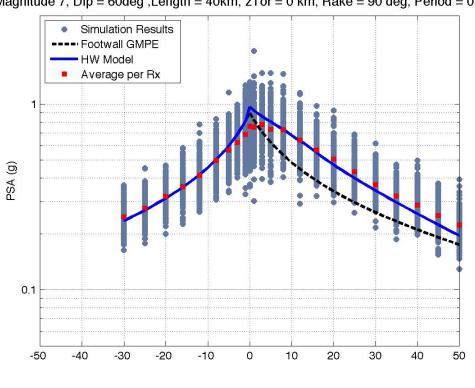
Magnitude 7, Dip = 30deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



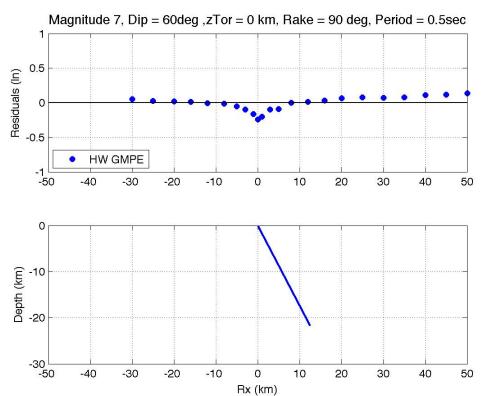


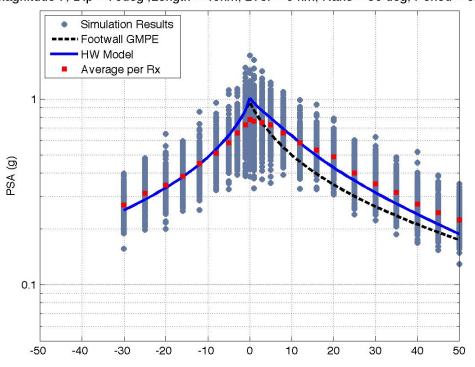
Magnitude 7, Dip = 45deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



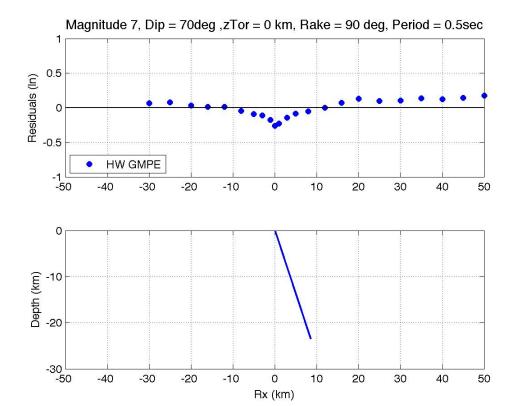


Magnitude 7, Dip = 60deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



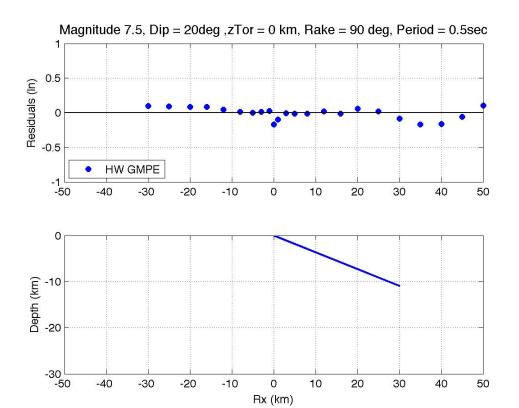


Magnitude 7, Dip = 70deg ,Length = 40km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



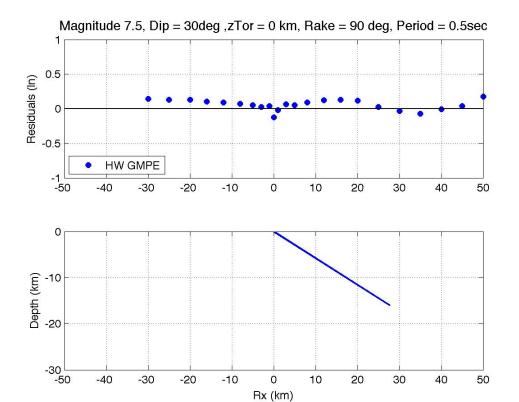
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 20deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



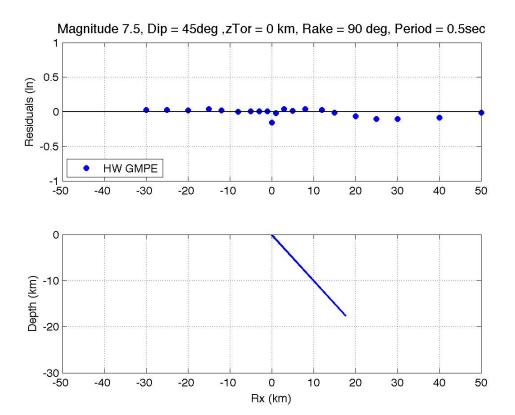
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 30deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



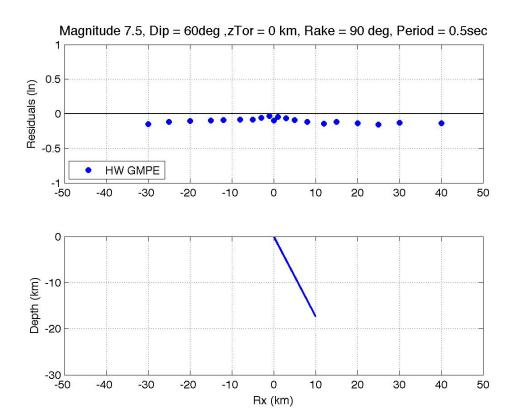
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 45deg ,Length = 126km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



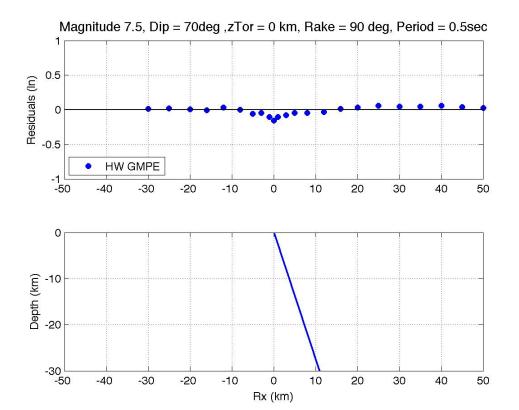
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 60deg ,Length = 150km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



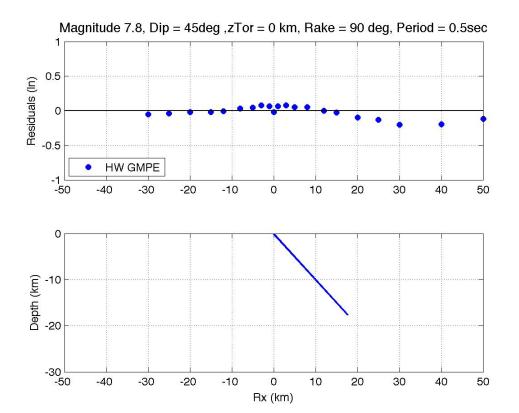
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.5, Dip = 70deg ,Length = 100km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



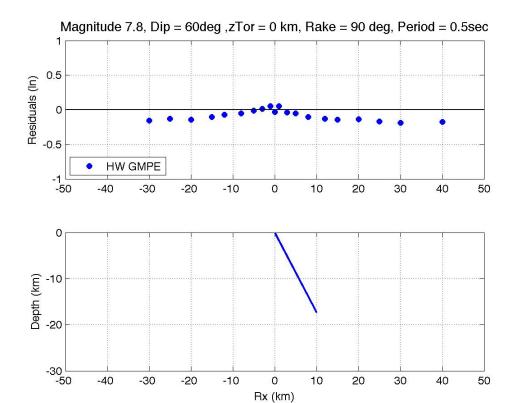
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

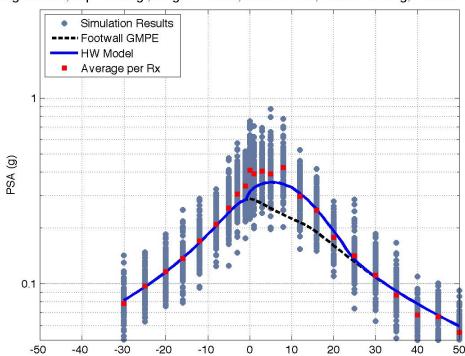
Magnitude 7.8, Dip = 45deg ,Length = 180km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



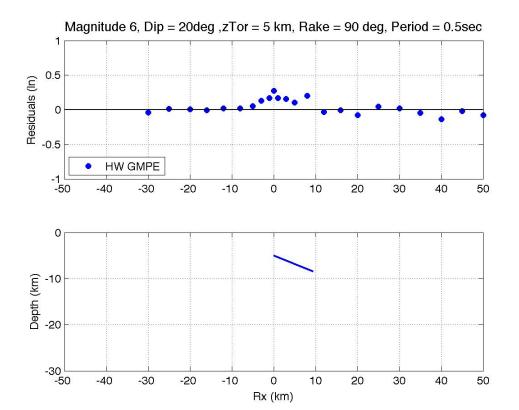
Simulation Results ■· Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 7.8, Dip = 60deg ,Length = 200km, zTor = 0 km, Rake = 90 deg, Period = 0.5sec



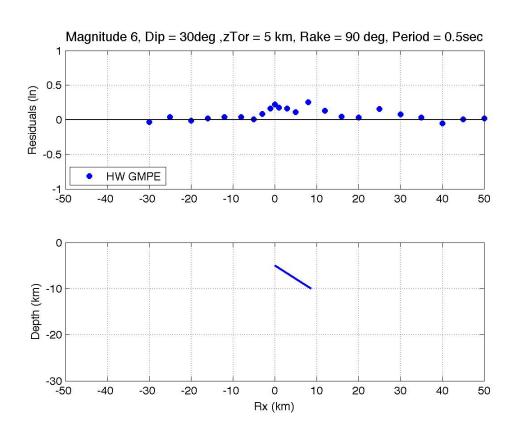


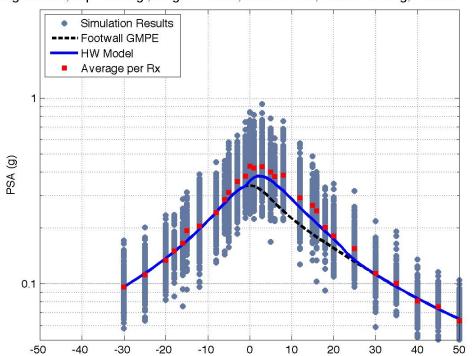
Magnitude 6, Dip = 20deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec



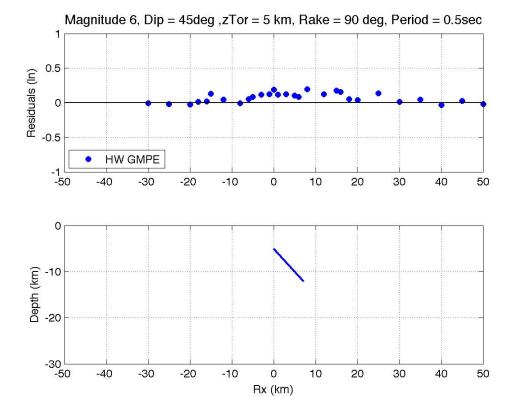
Simulation Results • ■· Footwall GMPE - HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40

Magnitude 6, Dip = 30deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec



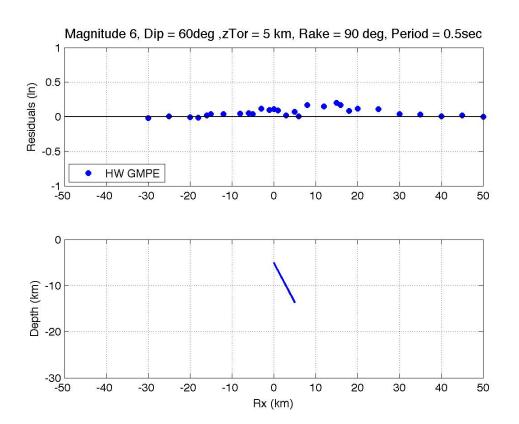


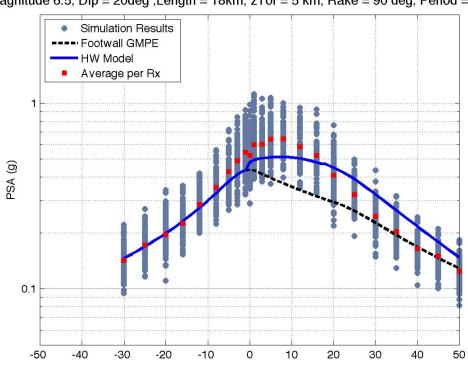
Magnitude 6, Dip = 45deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec



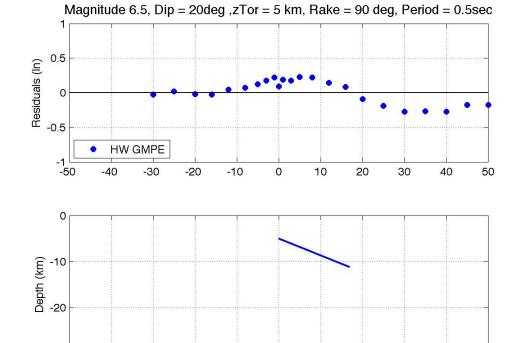
Simulation Results ■ Footwall GMPE HW Model Average per Rx PSA (g) 0.1 10 -50 -40 -30 -20 -10 0 20 30 40 50

Magnitude 6, Dip = 60deg ,Length = 10km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec





Magnitude 6.5, Dip = 20deg, Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec



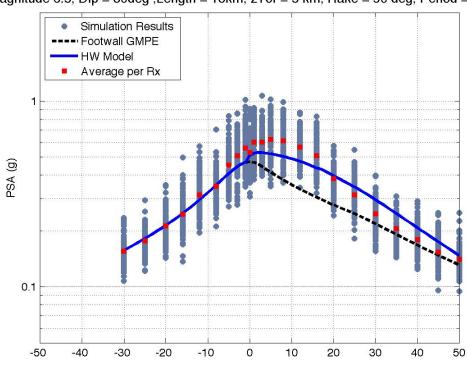
-10

-30 ^L -50

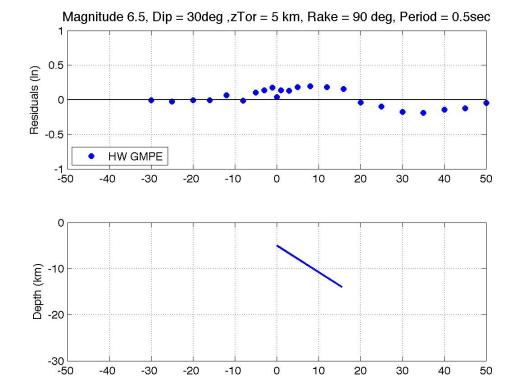
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Rx (km)

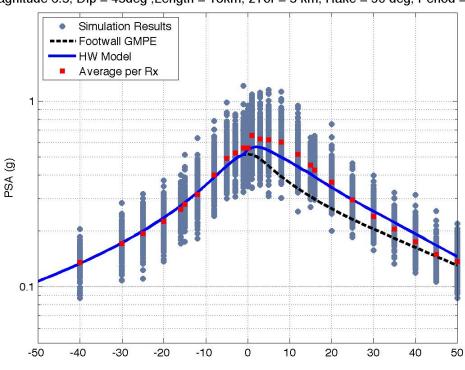
20



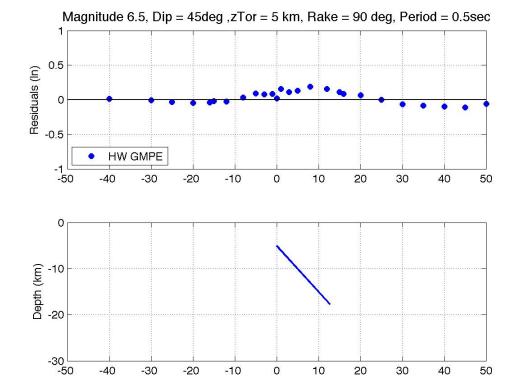
Magnitude 6.5, Dip = 30deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec



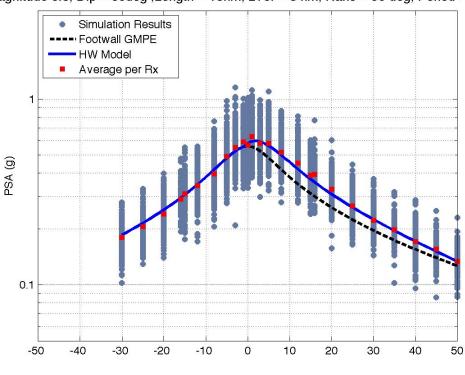
Rx (km)



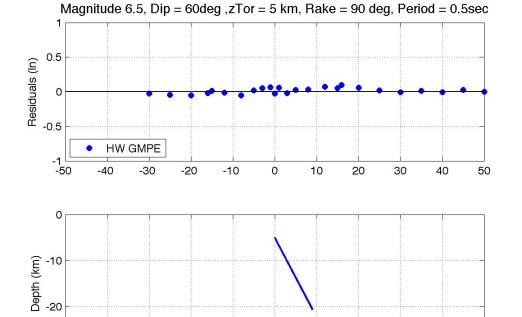
Magnitude 6.5, Dip = 45deg ,Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec



Rx (km)



Magnitude 6.5, Dip = 60deg, Length = 18km, zTor = 5 km, Rake = 90 deg, Period = 0.5sec



-10

-30 ^L -50

10

Rx (km)

20