Vertical Hanging Wall Results

Magnitude 6, Dip = 30°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Simulation Results
- Yvert Footwall GMPE
- Average per Rx

Residuals (ln)
- Resid to Yvert Footwall GMPE
- Resid to Horiz Footwall GMPE
Appendix F - 3
Vertical Hanging Wall Results

Magnitude 6, Dip = 70°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

- Simulation Results
- Vert Footwall GMPE
- Average per Rake

Residuals (ln)

- Resid to Vert Footwall GMPE
- Resid to Horiz Footwall GMPE

Depth (km)
Vertical Hanging Wall Results

Magnitude 6.5, DNP = 20deg, zTor = 0 km, Rake = 90 deg, Period = 0.2sec

Simulation Results
- Yert Footwall GMPE
- Average per Rx

Residuals (ln)
- Resid to Yert Footwall GMPE
- Resid to Horiz Footwall GMPE

Appendix F - 6
Vertical Hanging Wall Results

Magnitude 6.5, Dlp = 30deg, zTor = 0 km, Rake = 90 deg, Period = 0.2sec

PSA (g)

Rx (km)

Residuals (ln)

Depth (km)

Simulation Results
Vert Footwall GMPE
Average per Rx
Resid to Vert Footwall GMPE
Resid to Horiz Footwall GMPE

Appendix F - 7
Vertical Hanging Wall Results

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

Simulation Results
Vert Footwall GMPE
Average per Rx

Residuals (ln)
Resid to Vert Footwall GMPE
Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 8
Magnitude 6.5, Dip = 60 deg, zTor = 0 km, Rake = 90 deg, Period = 0.2 sec

Simulation Results
Vert Footwall GMPE
Average per Rx

PSA (g)
Rx (km)

Residuals (ln)
Resid to Vert Footwall GMPE
Resid to Horiz Footwall GMPE

Depth (km)
Rx (km)
Vertical Hanging Wall Results

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

Simulation Results
Yert Footwall GMPE
Average per Rz

![Graph 1: PSA (g) vs Rx (km)]

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

Resid to Yert Footwall GMPE
Resid to Horiz Footwall GMPE

![Graph 2: Residuals (ln) vs Rx (km)]

Appendix F - 10
Vertical Hanging Wall Results

Magnitude 7, Dip = 60°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Legend:
- Simulation Results
- Vert Footwall GMPE
- Average per Rk

Residuals (ln)
- Resid to Vert Footwall GMPE
- Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 15
Vertical Hanging Wall Results

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

Simulation Results
✓ Yert Footwall GMPE
✓ Average per Rx

Residuals (ln)

Resid to Yert Footwall GMPE
✓ Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 16
Vertical Hanging Wall Results

Graph 1: PSA (g) vs. Rx (km)
Magnitude 7.5, Dip = 20°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Legend:
- Simulation Results
- Vrt Footwall GMPE
- Average per Rx

Graph 2: Residuals (ln) vs. Rx (km)
Magnitude 7.5, Dip = 20°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Legend:
- Resid to Vrt Footwall GMPE
- Resid to Horiz Footwall GMPE

Graph 3: Depth (km) vs. Rx (km)

Appendix F - 18
Vertical Hanging Wall Results

Magnitude 7.5, Dip = 30°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Simulation Results
Yert Footwall GMPE
Average per Rx

Residual to Yert Footwall GMPE
Residual to Horiz Footwall GMPE

Appendix F - 19
Vertical Hanging Wall Results

Magnitude 7.5, Dip = 45°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Simulation Results
Yert Footwall GMPE
Average per Rx

Residuals (ln)

Resid to Yert Footwall GMPE
Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 20
Vertical Hanging Wall Results

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

Simulation Results
Vert Footwall GMPE
Average per Rx

Residuals (ln)

Resid to Vert Footwall GMPE
Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 21
Vertical Hanging Wall Results

Magnitude 7.5, Dip = 60 deg, z Tor = 0 km, Rake = 90 deg, Period = 0.2 sec

- Simulation Results
- Yert Footwall GMPE
- Average per Rx

Residuals (ln)

- Resid to Yert Footwall GMPE
- Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 22
Vertical Hanging Wall Results

Magnitude 7.5, Dip = 60°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Simulation Results
Vert Footwall GMPE
Average per Rz

PSA (g)

Rx (km)

Residuals (ln)

Resid to Vert Footwall GMPE
Resid to Horiz Footwall GMPE

Residuals (ln)

Rx (km)

Depth (km)

Rx (km)
Magnitude 7.8, Dip = 45°, zTor = 0 km, Rake = 90°, Period = 0.2 sec

Simulation Results
Vert Footwall GMPE
Average per Rk

Residuals (ln)
Resid to Vert Footwall GMPE
Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 25
Vertical Hanging Wall Results

Magnitude 6, Dip = 30°, zTor = 5 km, Rake = 90°, Period = 0.2 sec

- Simulation Results
- Vert Footwall GMPE
- Average per Rx

Residuals (ln)
- Resid to Vert Footwall GMPE
- Resid to Horiz Footwall GMPE

Vertical Hanging Wall Results

Appendix F - 28
Vertical Hanging Wall Results

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

Simulation Results
- Yvert Footwall GMPE
- Average per Rx

Residuals (ln)
- Resid to Yvert Footwall GMPE
- Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 29
Vertical Hanging Wall Results

Magnitude 6, Dip = 60°, zTor = 5 km, Rake = 90°, Period = 0.2 sec

- Simulation Results
- Vert Footwall GMPE
- Average per Rx

- Resid to Vert Footwall GMPE
- Resid to Horiz Footwall GMPE

Appendix F - 30
Magnitude 6.5, Dip = 20°, zTor = 5 km, Rake = 90°, Period = 0.2 sec

PSA (g)

Resolution (ln)

Depth (km)
Vertical Hanging Wall Results

Magnitude 6.5, Dip = 30 deg, z_Tor = 5 km, Rake = 90 deg, Period = 0.2 sec

Appendix F - 32
Magnitude 6.5, Dip = 45°, zTor = 5 km, Rake = 90°, Period = 0.2 sec

Simulation Results
- Yvert Footwall GMPE
- Average per Rx

Residuals (ln)
- Resid to Yvert Footwall GMPE
- Resid to Horiz Footwall GMPE

Depth (km)

Appendix F - 33