M7.2, Vertical Strike-Slip with Surface Rupture, 20 km 10⁰ 50 Events 6 4 16200 Records 3 10 8 RotD50 Sa (g) 10² 10⁻³ 9 10 8 5 2 3 7 Period (s)

—NGA-W2 Mean Prediction —Individual - - Acceptance Criteria ■ Simulation Median —± Ïf —Extrema

DATASET #1 (line: Solid, width=3.0; color: 0,0,0) NGA-W2 Mean Prediction DATASET #2 (line: Solid, width=1.0; color: 0,0,0) Individual DATASET #3 (line: Solid, width=1.0; color: 0,0,0) null DATASET #4 (line: Solid, width=1.0; color: 0,0,0) null DATASET #5 (line: Solid, width=1.0; color: 0,0,0) null DATASET #6 (line: Solid, width=1.0; color: 0,0,0) null DATASET #7 (line: Dashed, width=2.0; color: 128,128,128) null DATASET #8 (line: Dashed, width=2.0; color: 128,128,128) null DATASET #9 (line: Dashed, width=2.0; color: 0,0,0) Acceptance Criteria DATASET #10 (line: Dashed, width=2.0; color: 0,0,0) null DATASET #11 (symbol: Filled Squares, width=4.0; color: 255,0,0) Simulation Median DATASET #12 (line: Solid, width=2.0; color: 0,0,255) ± Ïf DATASET #13 (line: Solid, width=2.0; color: 0,0,255) DATASET #14 (line: Solid, width=2.0; color: 0,0,255)

DATASET #15 (line: Solid, width=2.0; color: 0,0,255)

DATASET #16 (line: Solid, width=1.0; color: 0,0,0)

Extrema

DATASET #17 (line: Solid, width=1.0; color: 0,0,0)

DATASET #18 (line: Solid, width=1.0; color: 0,0,0)

DATASET #19 (line: Solid, width=2.0; color: 0,0,255)

DATASET #20 (line: Solid, width=2.0; color: 0,0,255)

DATASET #21 (line: Solid, width=2.0; color: 0,0,255)

DATASET #22 (line: Solid, width=2.0; color: 0,0,255)

DATASET #23 (line: Solid, width=1.0; color: 0,0,0)

DATASET #24 (line: Solid, width=1.0; color: 0,0,0)

DATASET #25 (line: Solid, width=1.0; color: 0,0,0)

DATASET #26 (line: Solid, width=2.0; color: 0,0,255)

DATASET #27 (line: Solid, width=2.0; color: 0,0,255)

DATASET #28 (line: Solid, width=2.0; color: 0,0,255)

DATASET #29 (line: Solid, width=2.0; color: 0,0,255)

DATASET #30 (line: Solid, width=1.0; color: 0,0,0)

DATASET #31 (line: Solid, width=1.0; color: 0,0,0) DATASET #32 (line: Solid, width=1.0; color: 0,0,0) DATASET #33 (line: Solid, width=2.0; color: 0,0,255) DATASET #34 (line: Solid, width=2.0; color: 0,0,255) DATASET #35 (line: Solid, width=2.0; color: 0,0,255) DATASET #36 (line: Solid, width=2.0; color: 0,0,255) DATASET #37 (line: Solid, width=1.0; color: 0,0,0) DATASET #38 (line: Solid, width=1.0; color: 0,0,0) DATASET #39 (line: Solid, width=1.0; color: 0,0,0) DATASET #40 (line: Solid, width=2.0; color: 0,0,255) DATASET #41 (line: Solid, width=2.0; color: 0,0,255) DATASET #42 (line: Solid, width=2.0; color: 0,0,255) DATASET #43 (line: Solid, width=2.0; color: 0,0,255) DATASET #44 (line: Solid, width=1.0; color: 0,0,0) DATASET #45 (line: Solid, width=1.0; color: 0,0,0)

DATASET #46 (line: Solid, width=1.0; color: 0,0,0)

DATASET #47 (symbol: Filled Squares, width=4.0; color: 255,0,0) null