

LaunchLab — Phase-4 RS Batch Analysis

Tests included:

15mm_medium_hit_18in

12mm_medium_hit_18in

10mm_medium_hit_18in

unmarked_medium_hit_18in

15mm_bounce_18in

12mm_bounce_18in

10mm_bounce_18in

unmarked_bounce_18in

15mm_medium_hit_18in

FAST9 frames: 127

RS frames: 127

Phase-3 windows: 18

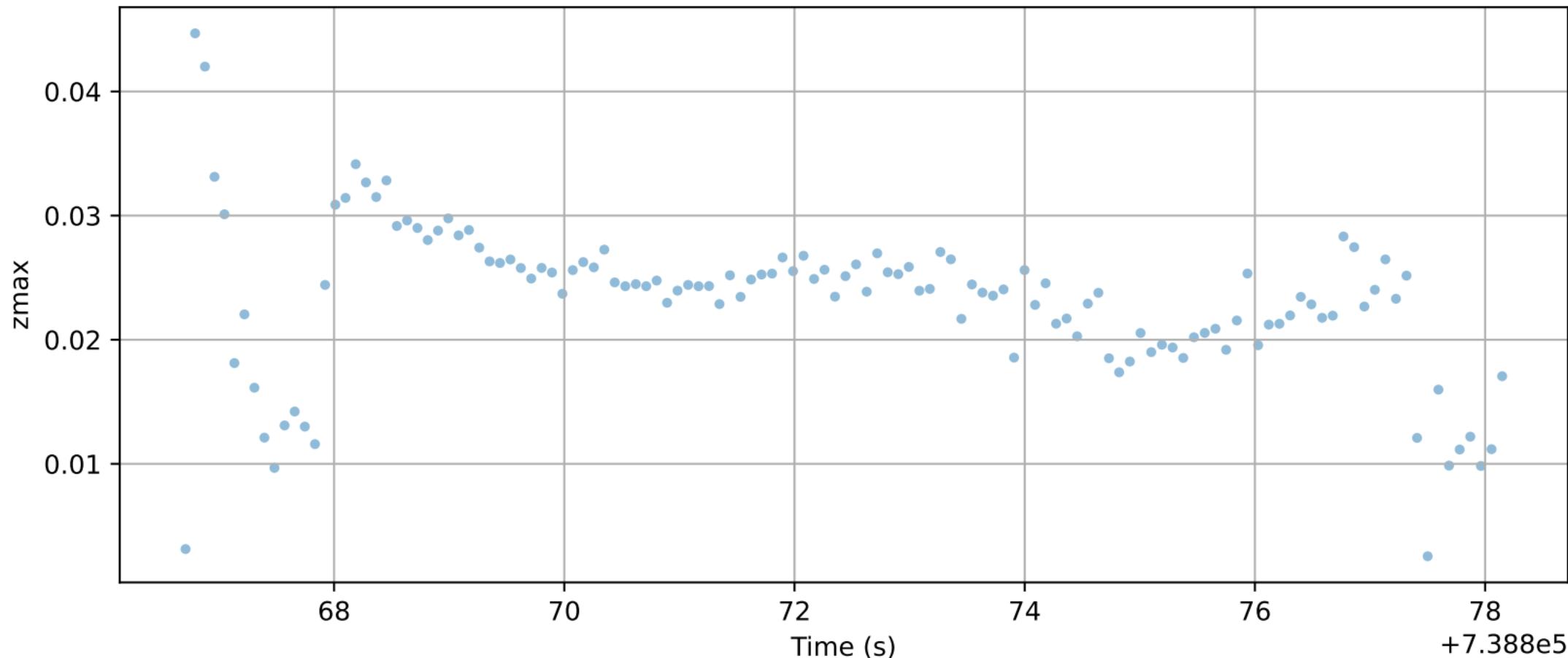
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0243

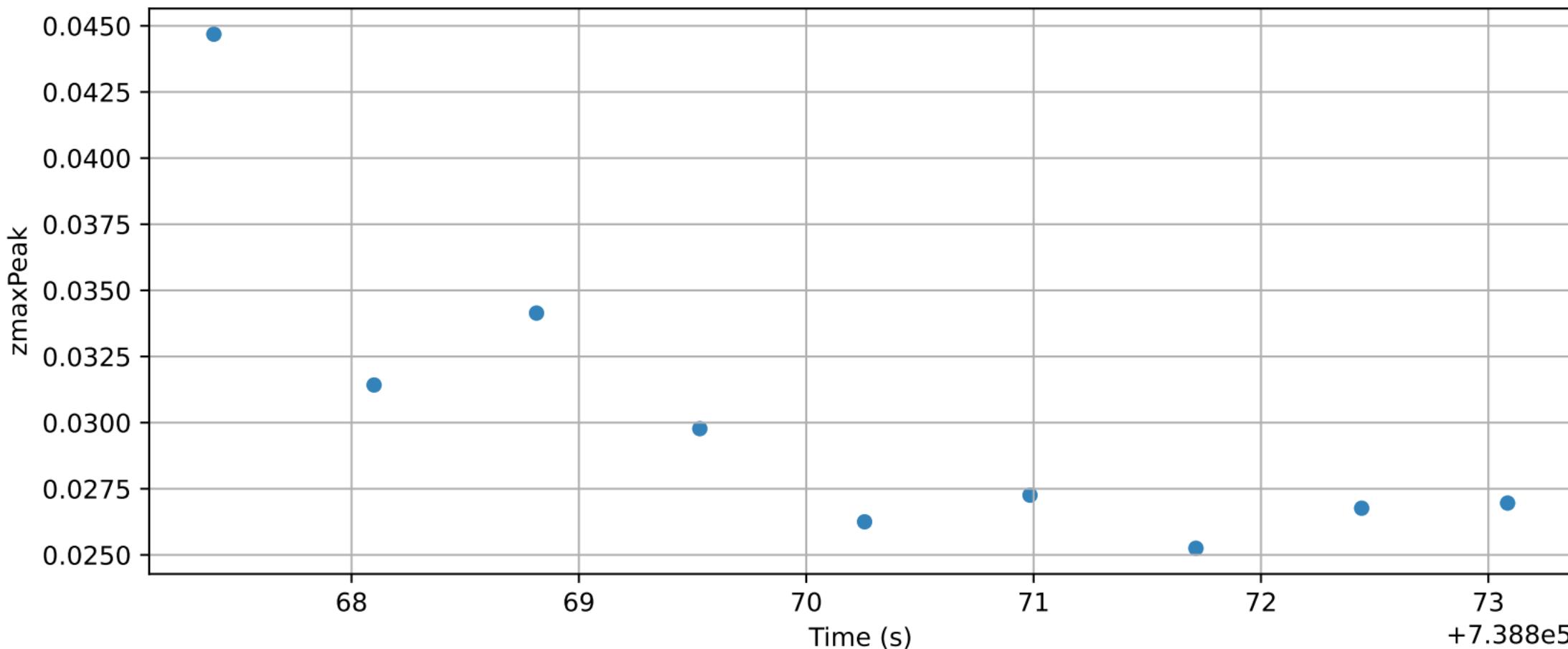
RS zmax max: 0.0447

Peak structure consistency: 1.000

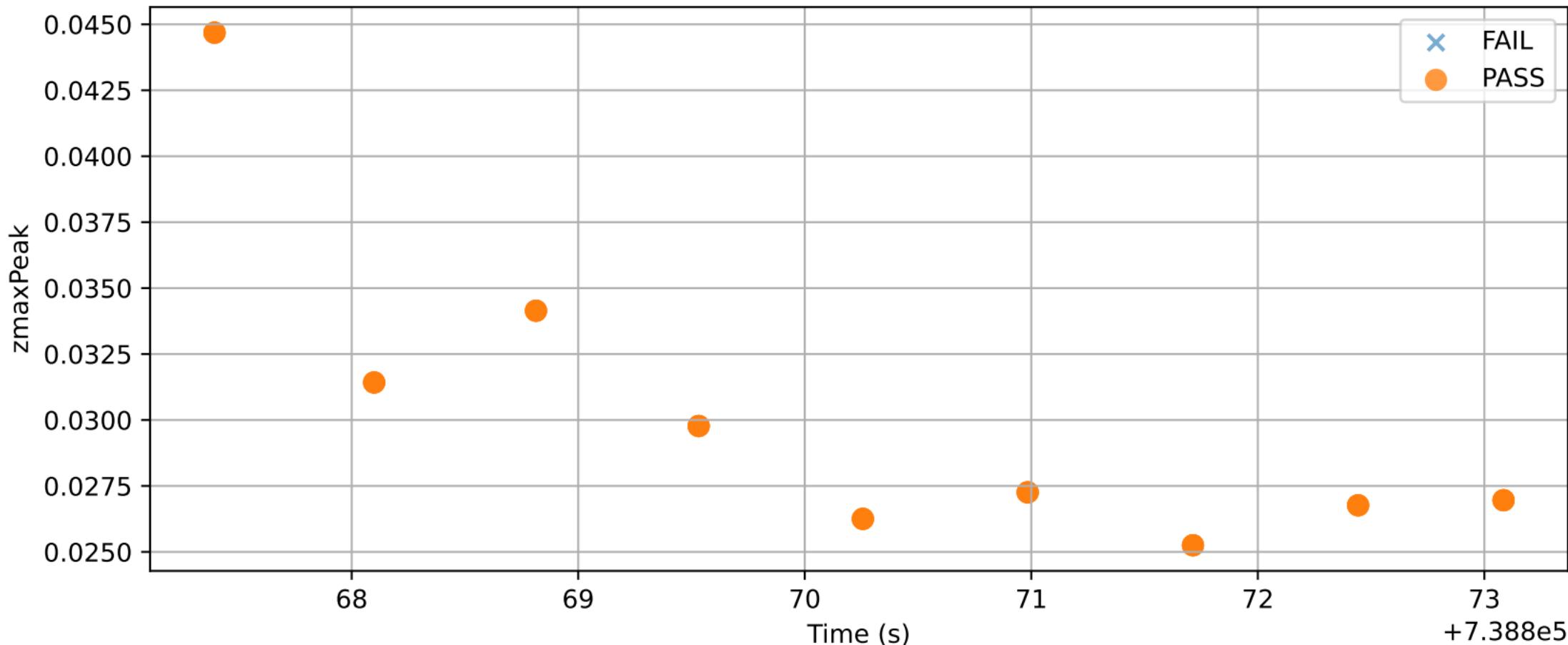
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



12mm_medium_hit_18in

FAST9 frames: 174

RS frames: 174

Phase-3 windows: 18

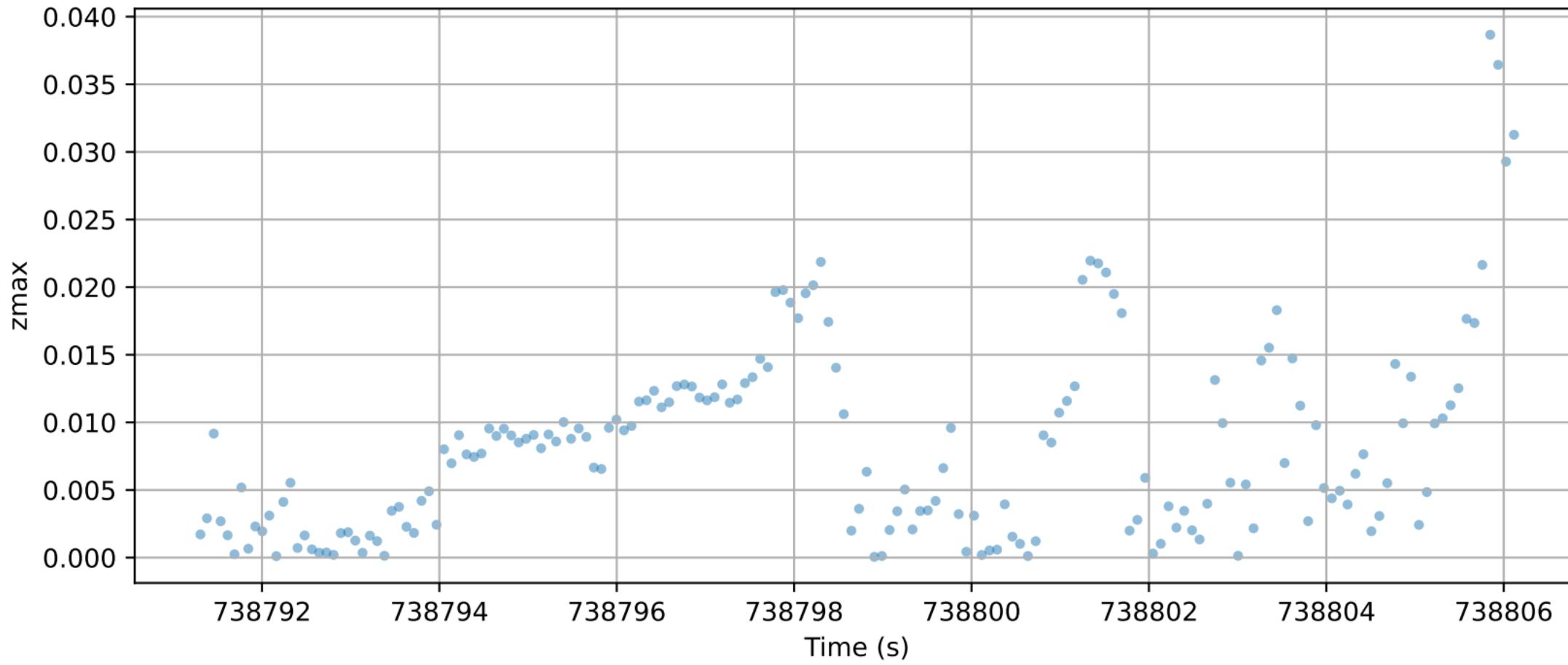
Phase-4 PASS: 0 FAIL: 36

RS zmax median: 0.0072

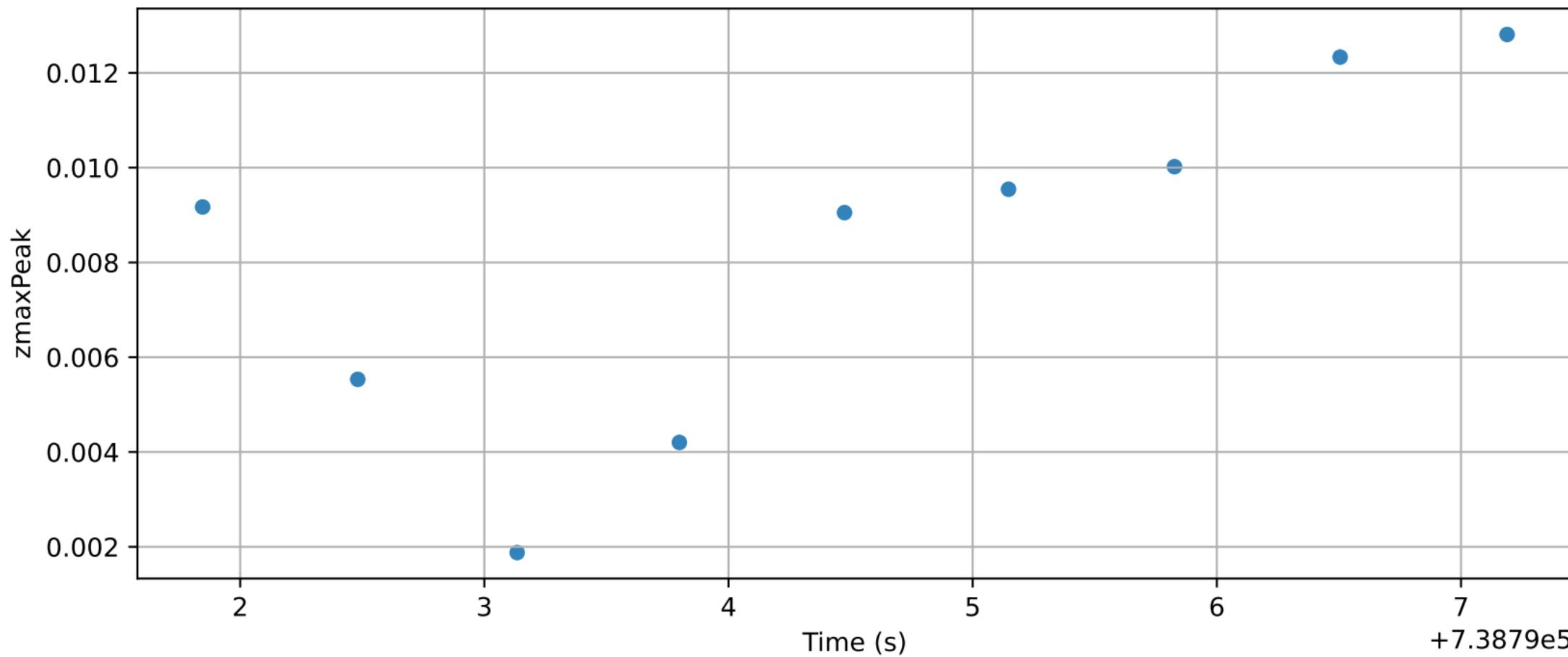
RS zmax max: 0.0387

Peak structure consistency: 1.000

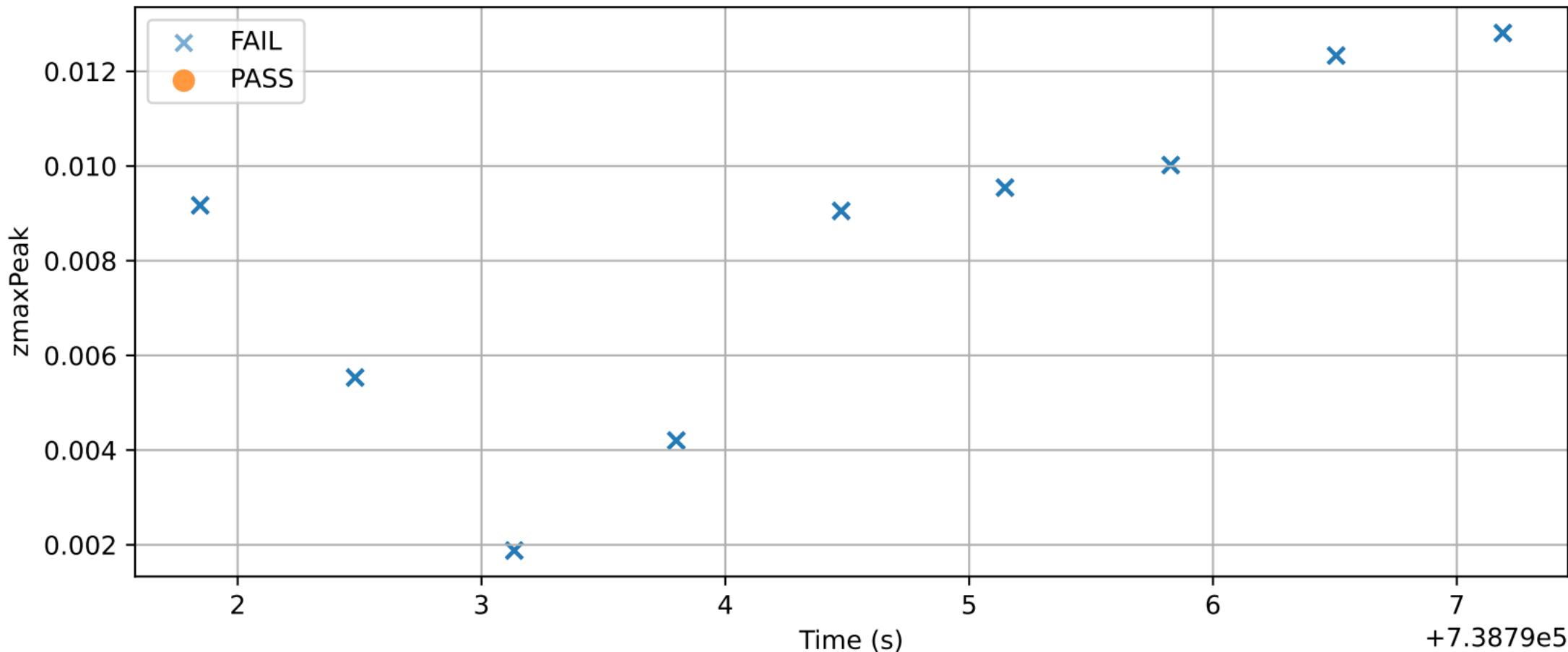
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



10mm_medium_hit_18in

FAST9 frames: 173

RS frames: 172

Phase-3 windows: 18

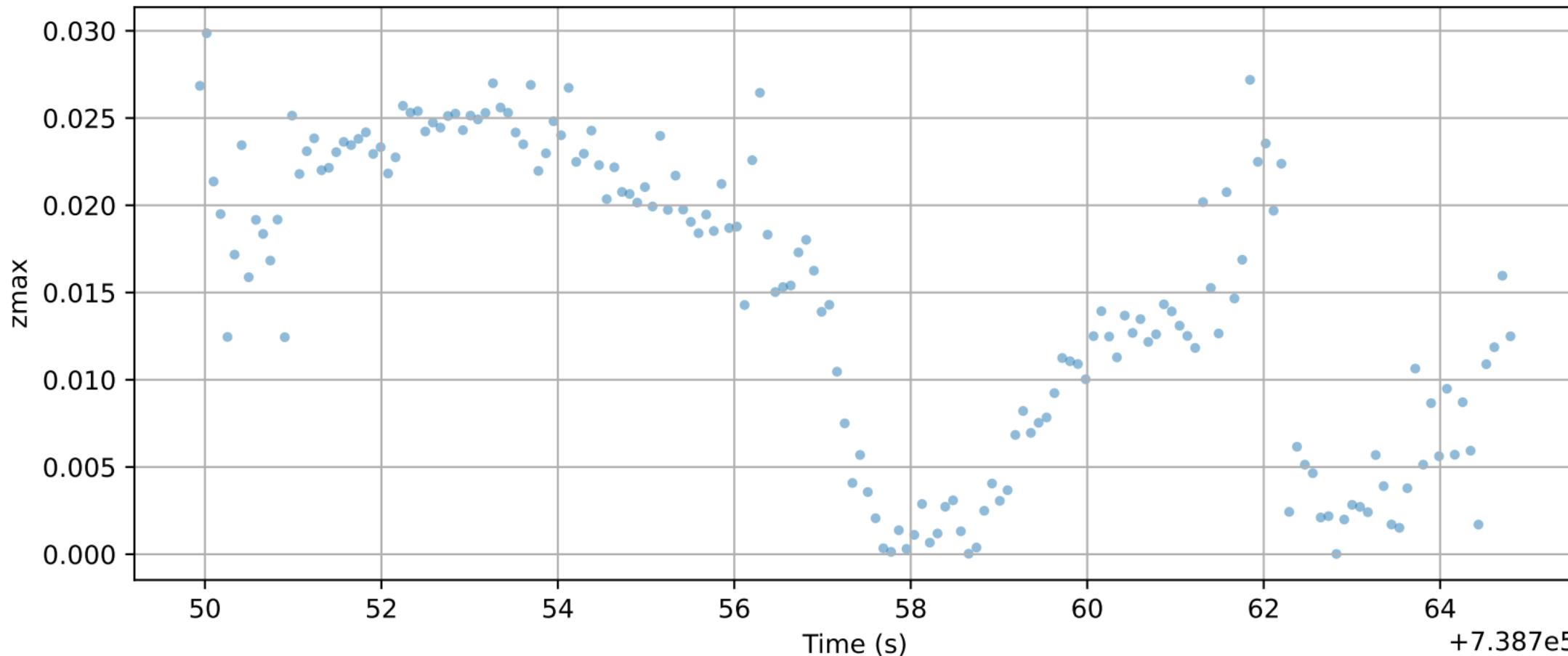
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0156

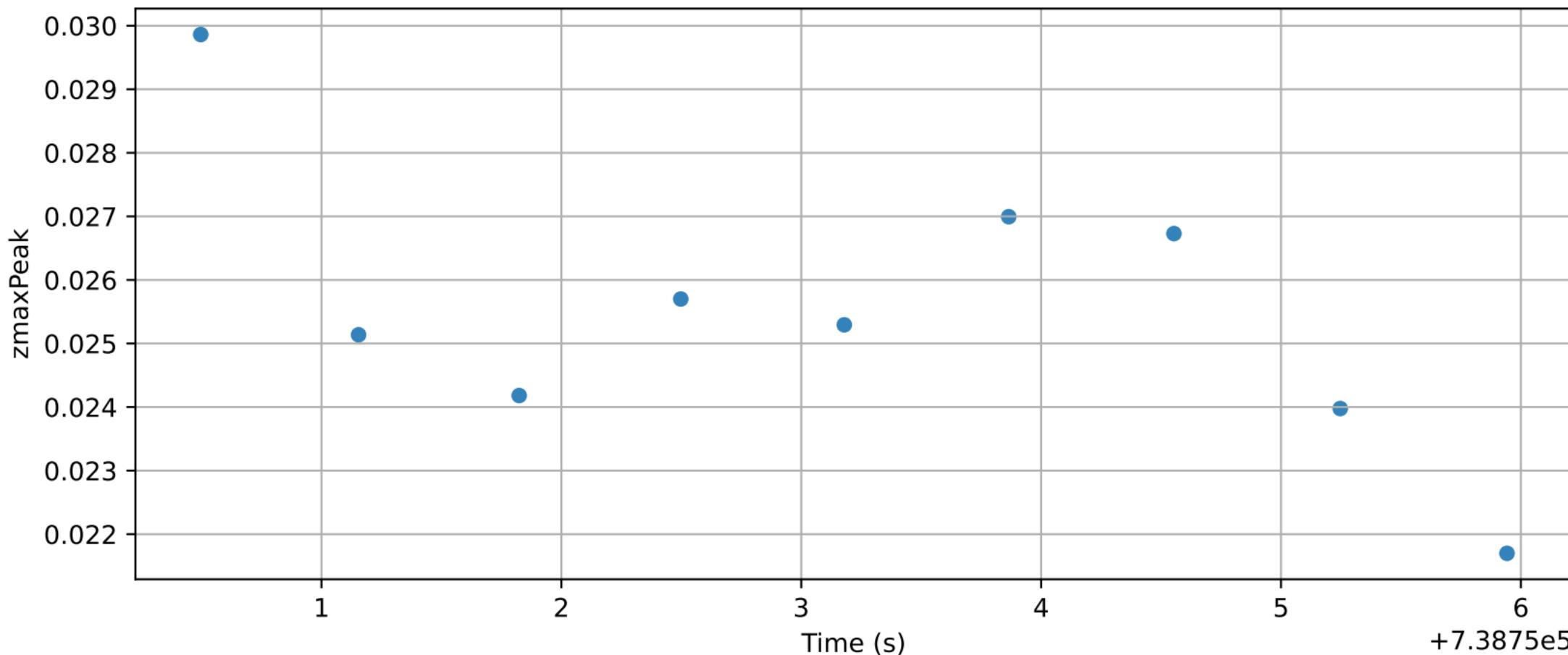
RS zmax max: 0.0299

Peak structure consistency: 1.000

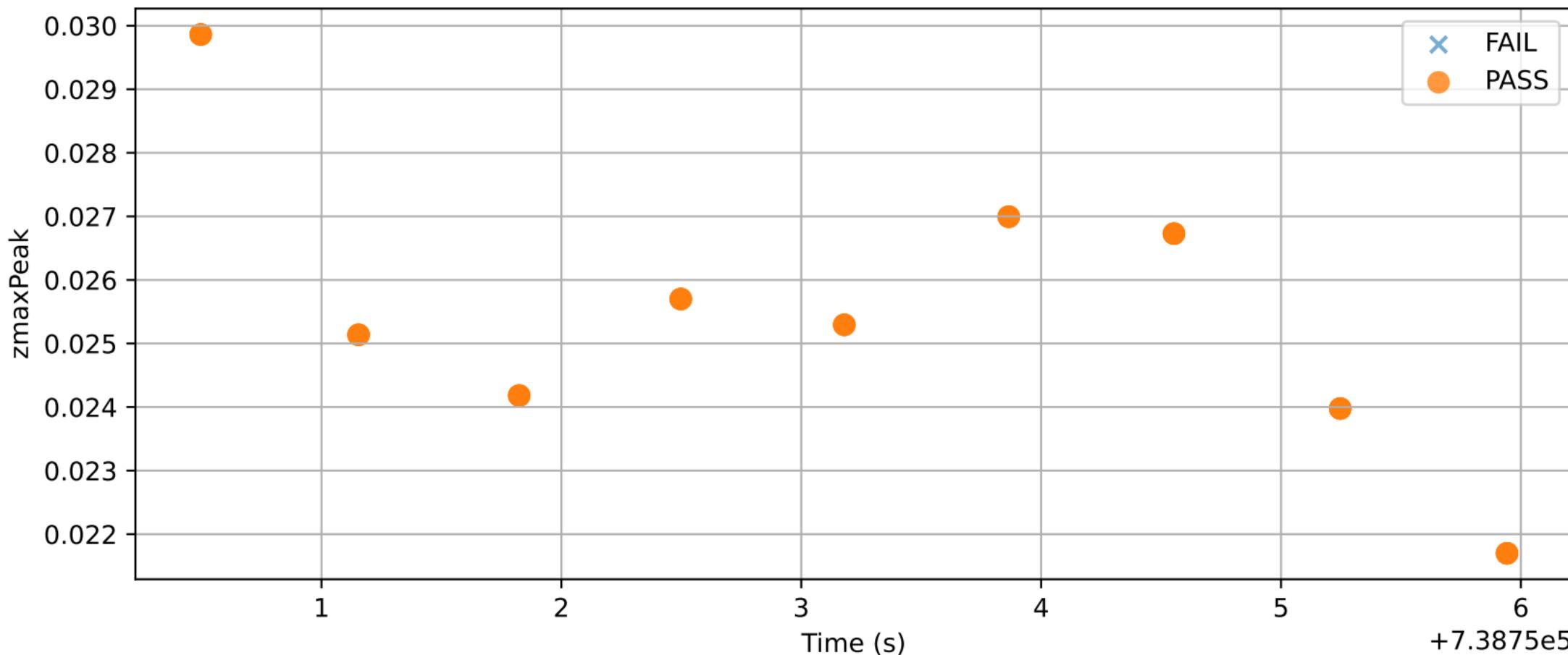
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



unmarked_medium_hit_18in

FAST9 frames: 197

RS frames: 197

Phase-3 windows: 18

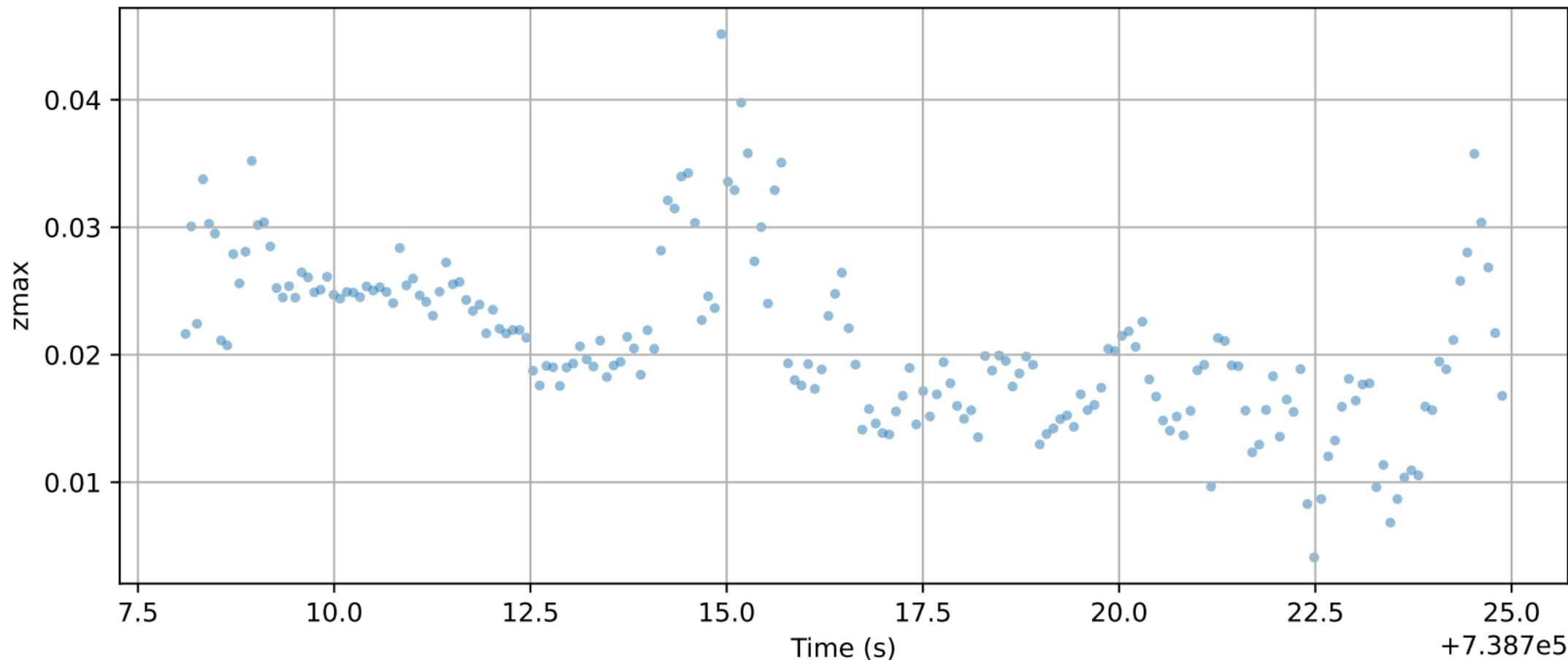
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0199

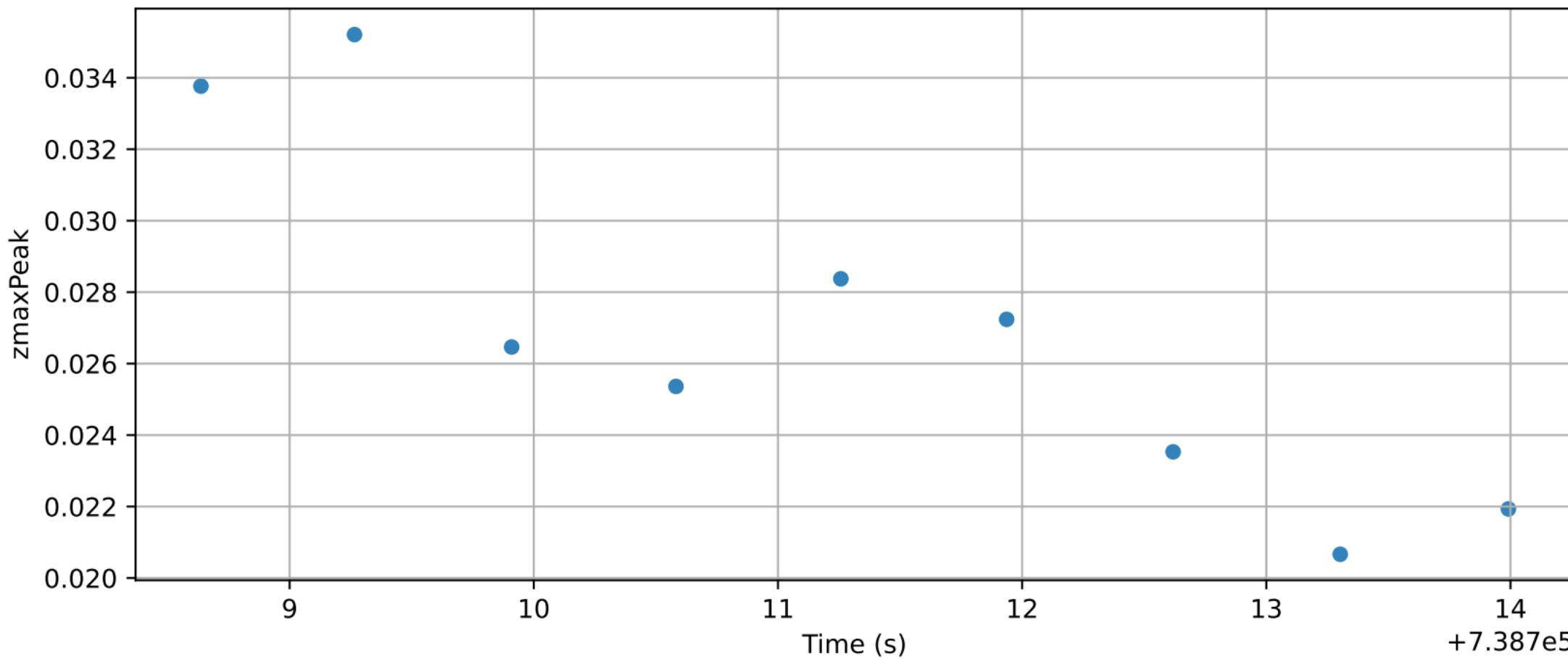
RS zmax max: 0.0452

Peak structure consistency: 1.000

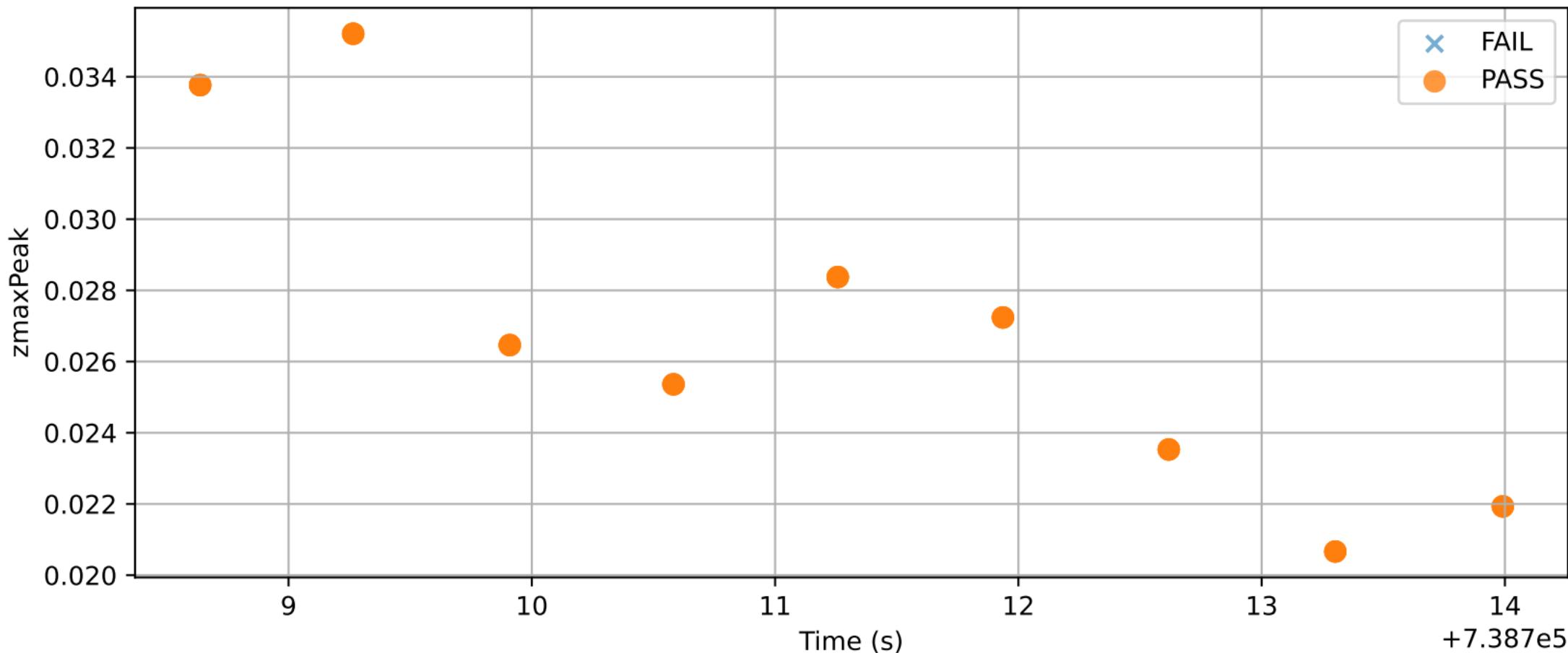
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



15mm_bounce_18in

FAST9 frames: 126

RS frames: 126

Phase-3 windows: 18

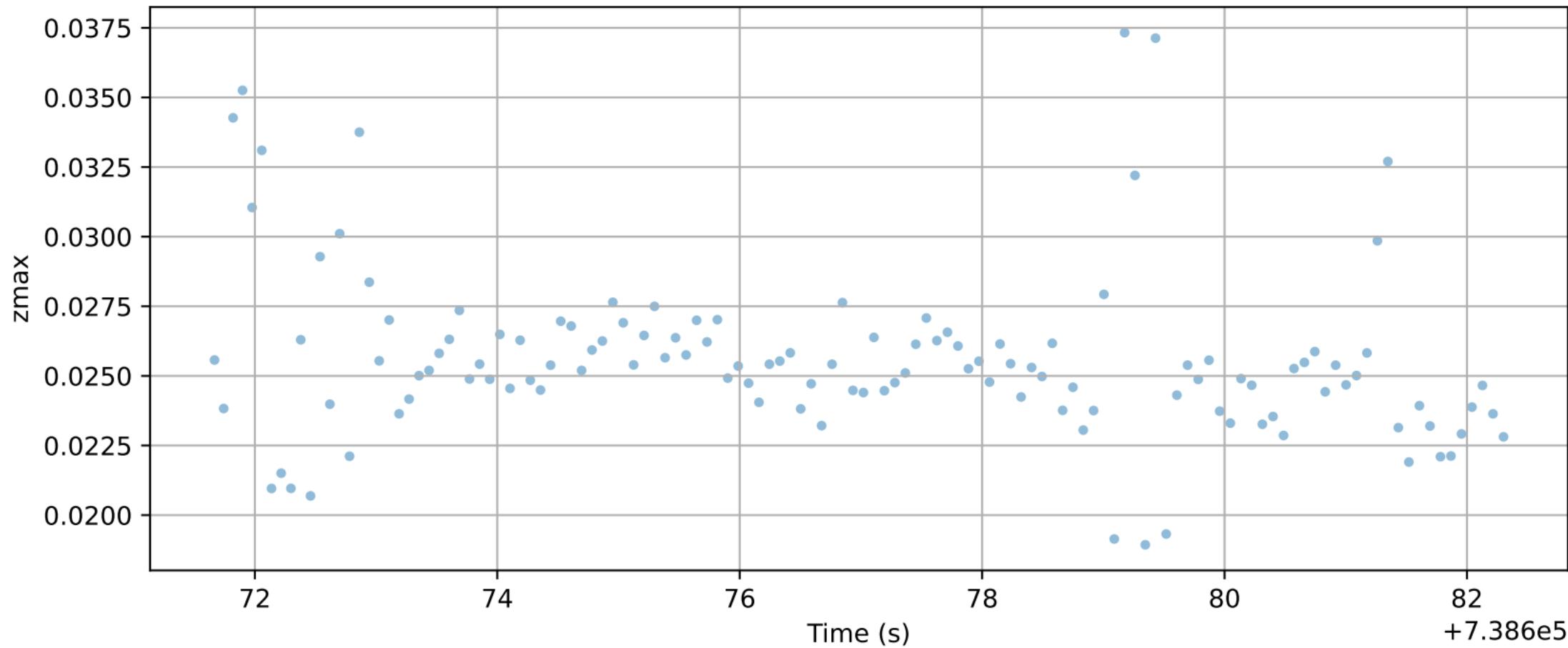
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0253

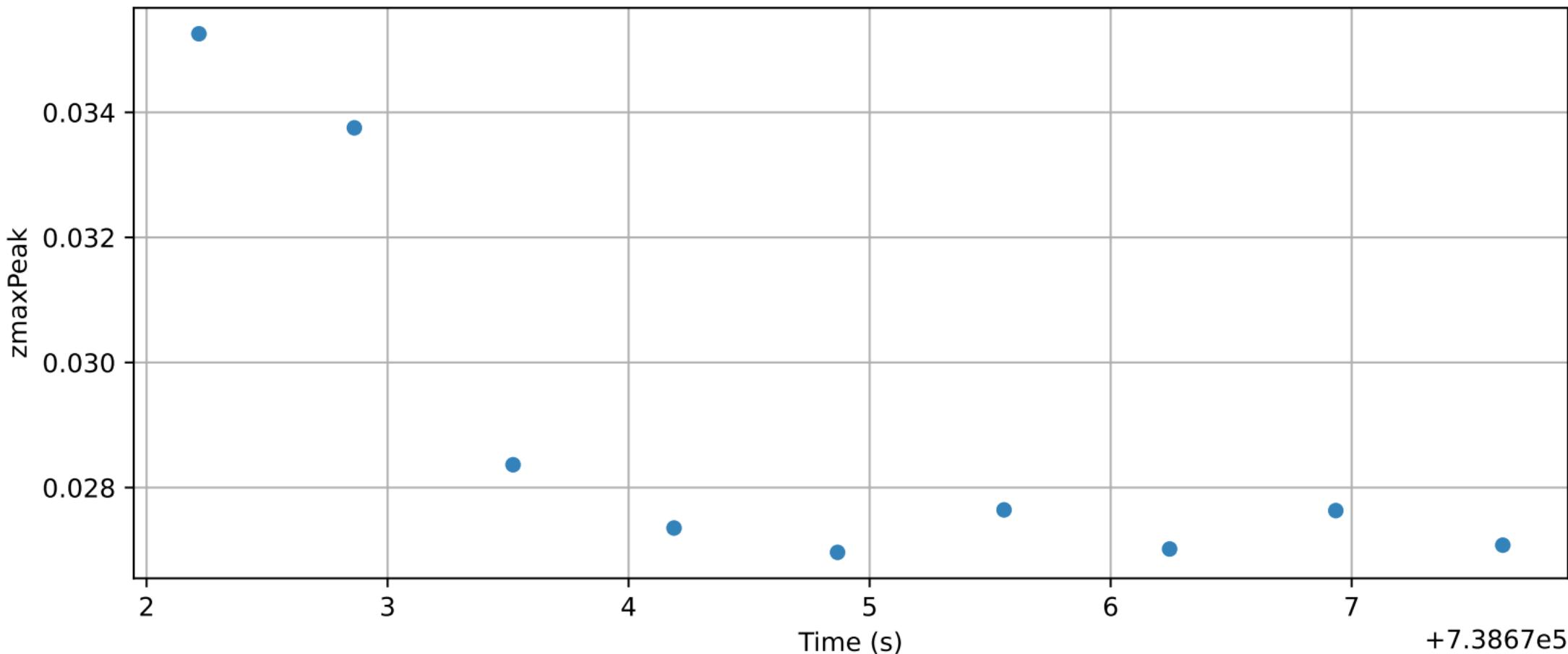
RS zmax max: 0.0373

Peak structure consistency: 1.000

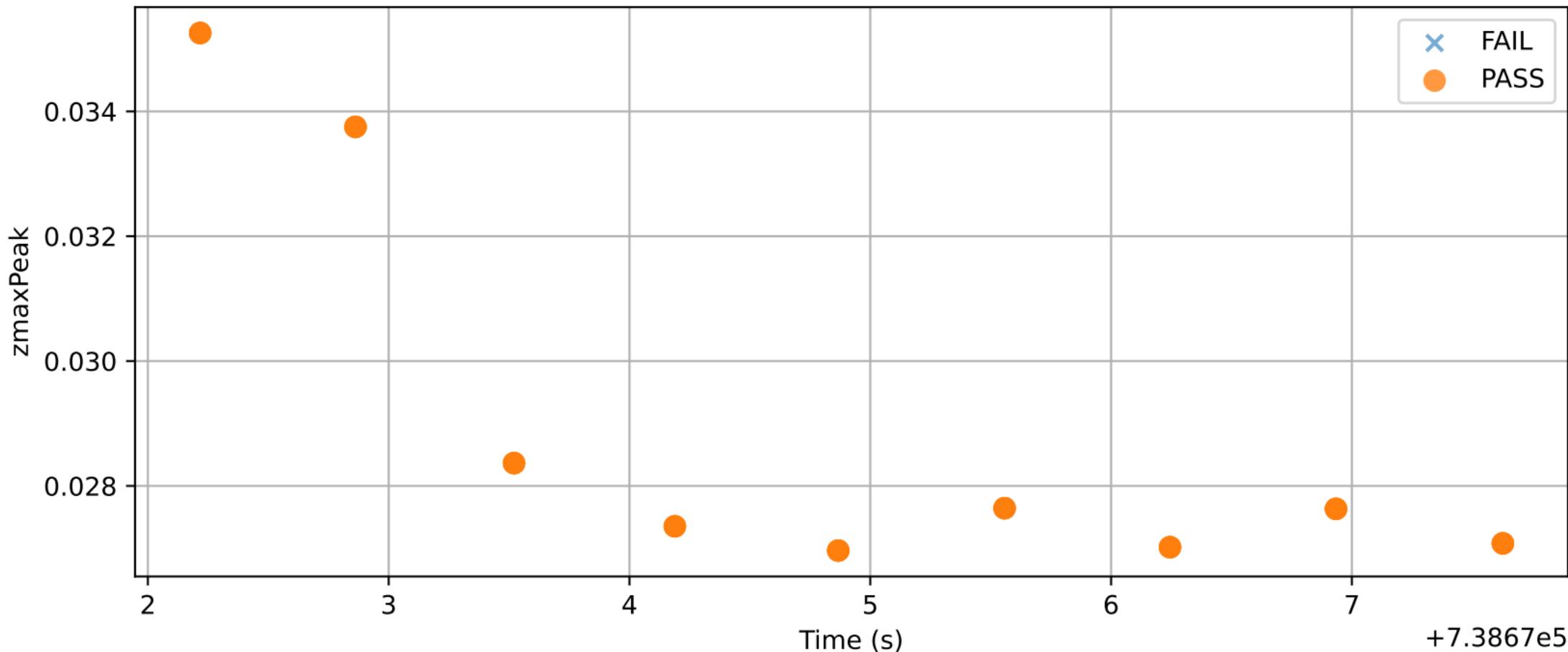
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



12mm_bounce_18in

FAST9 frames: 204

RS frames: 202

Phase-3 windows: 18

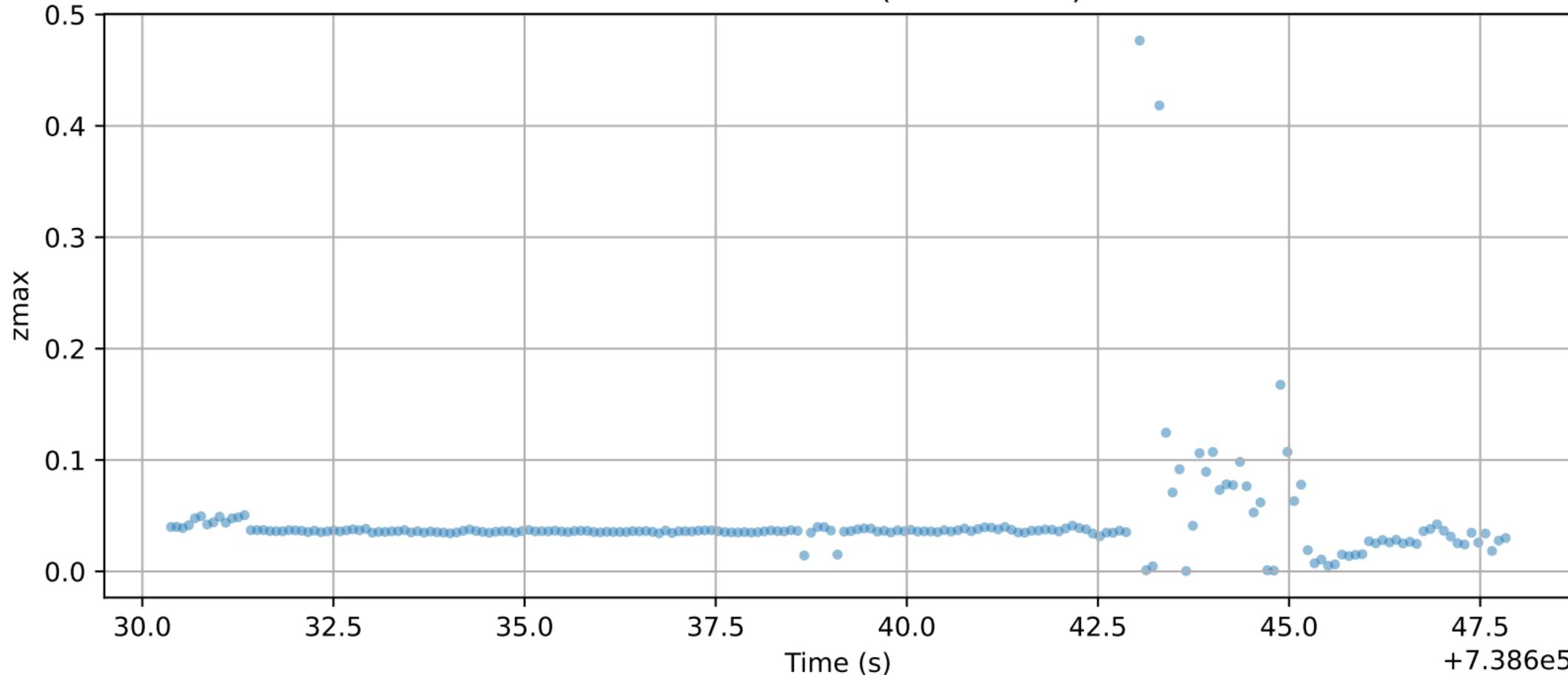
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0361

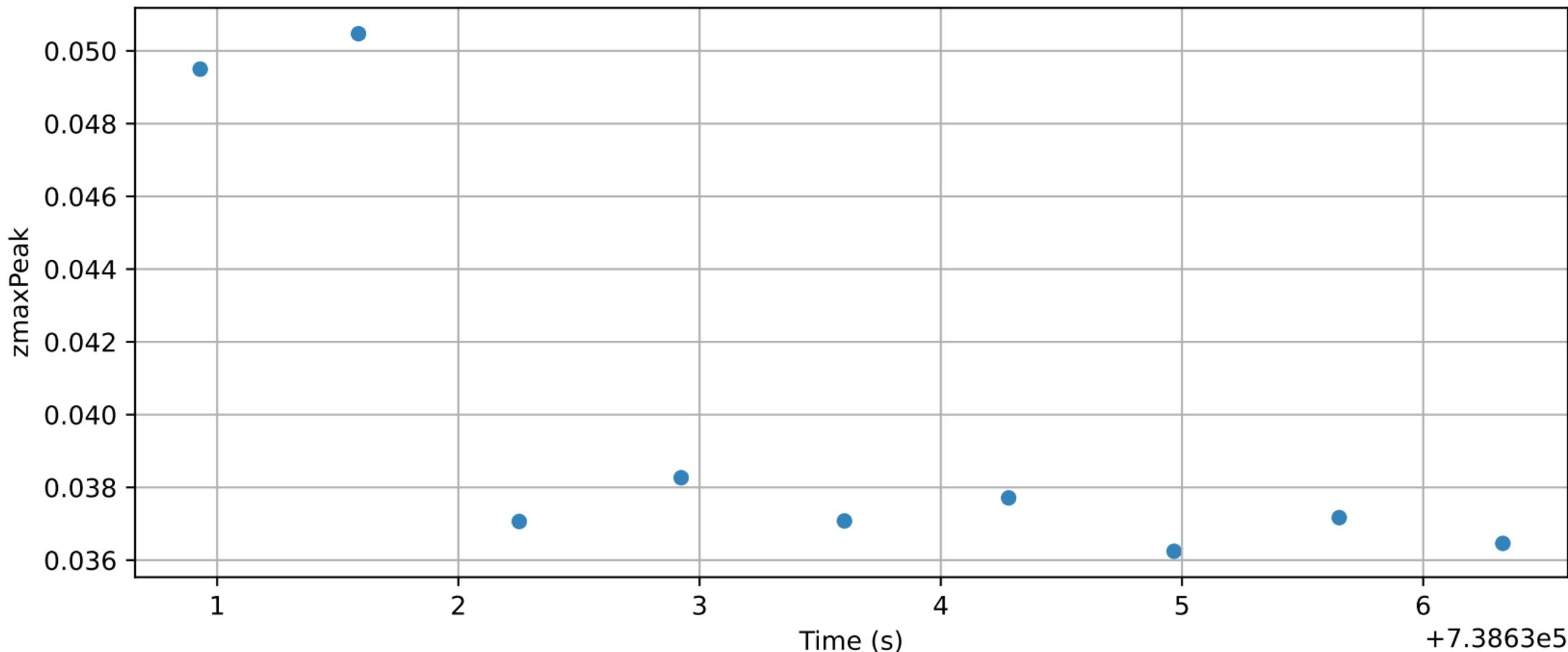
RS zmax max: 0.4766

Peak structure consistency: 1.000

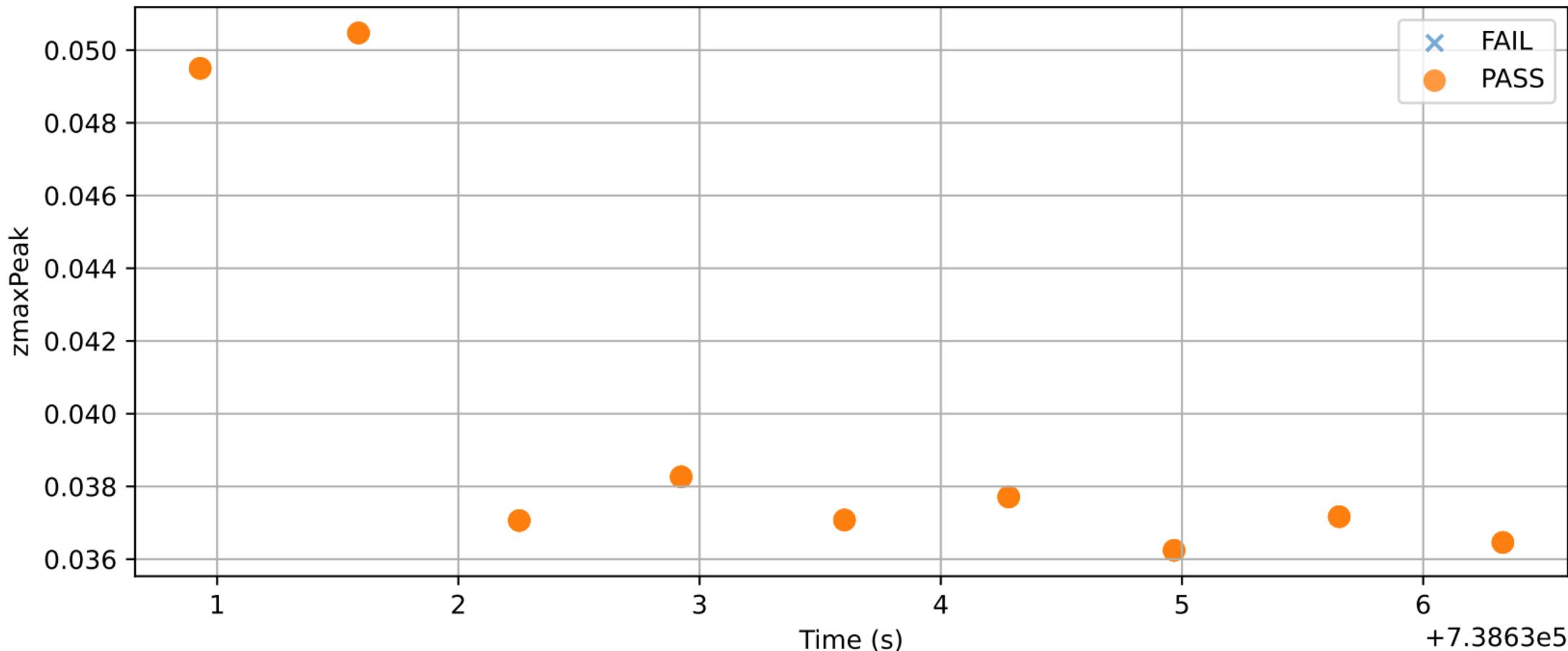
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



10mm_bounce_18in

FAST9 frames: 138

RS frames: 137

Phase-3 windows: 18

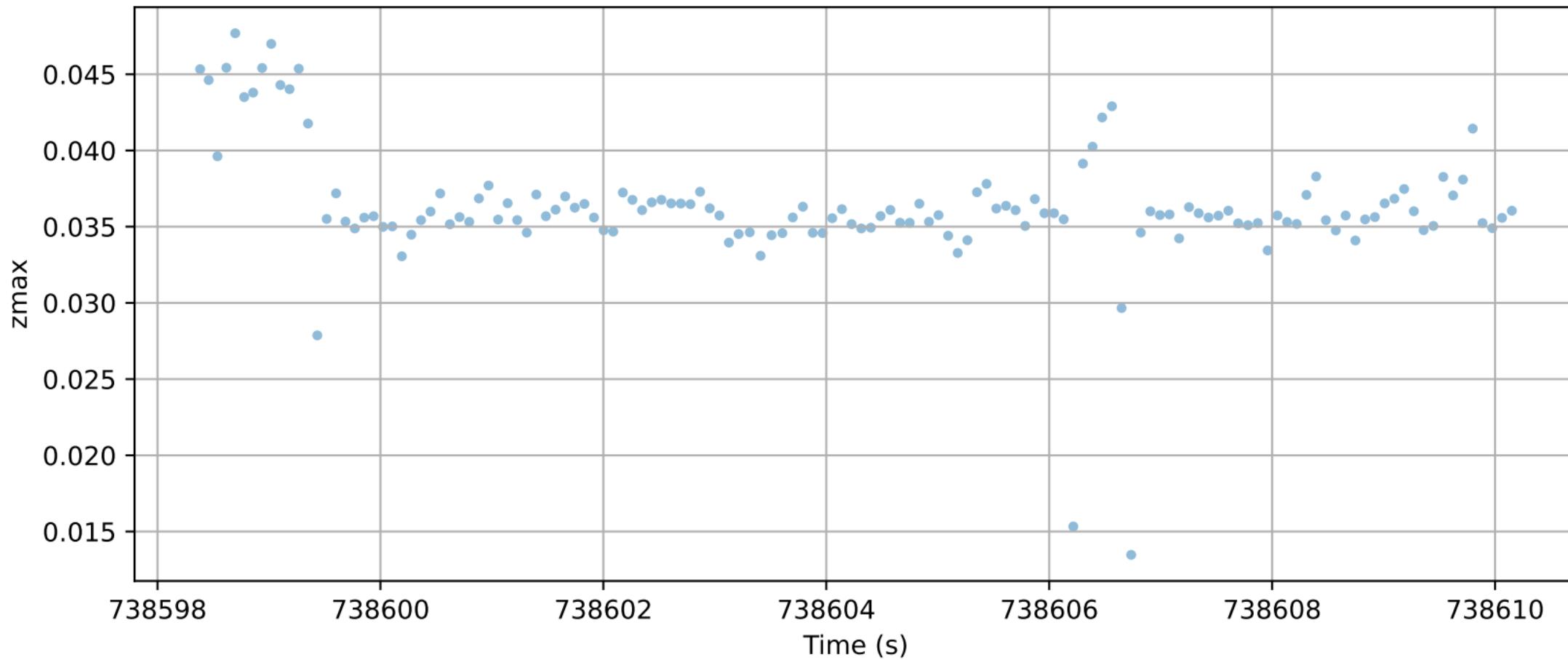
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0357

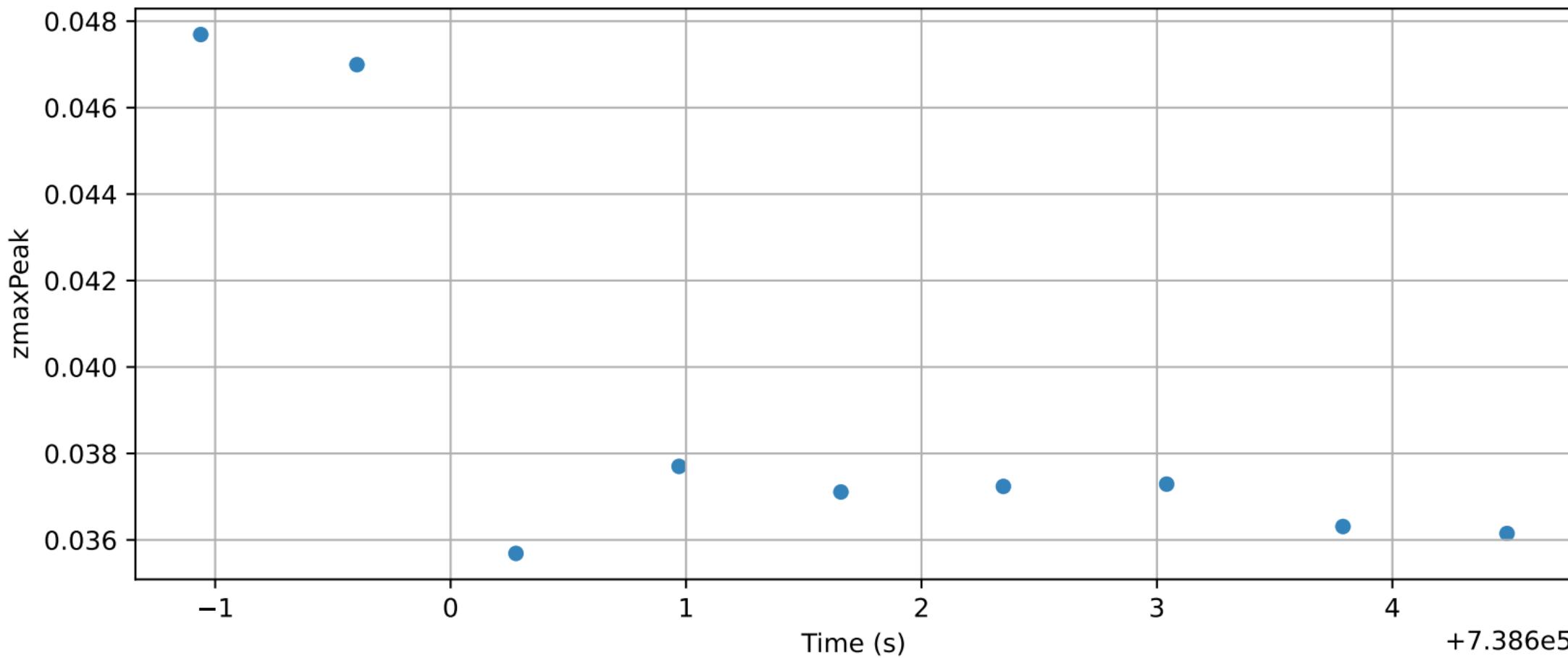
RS zmax max: 0.0477

Peak structure consistency: 1.000

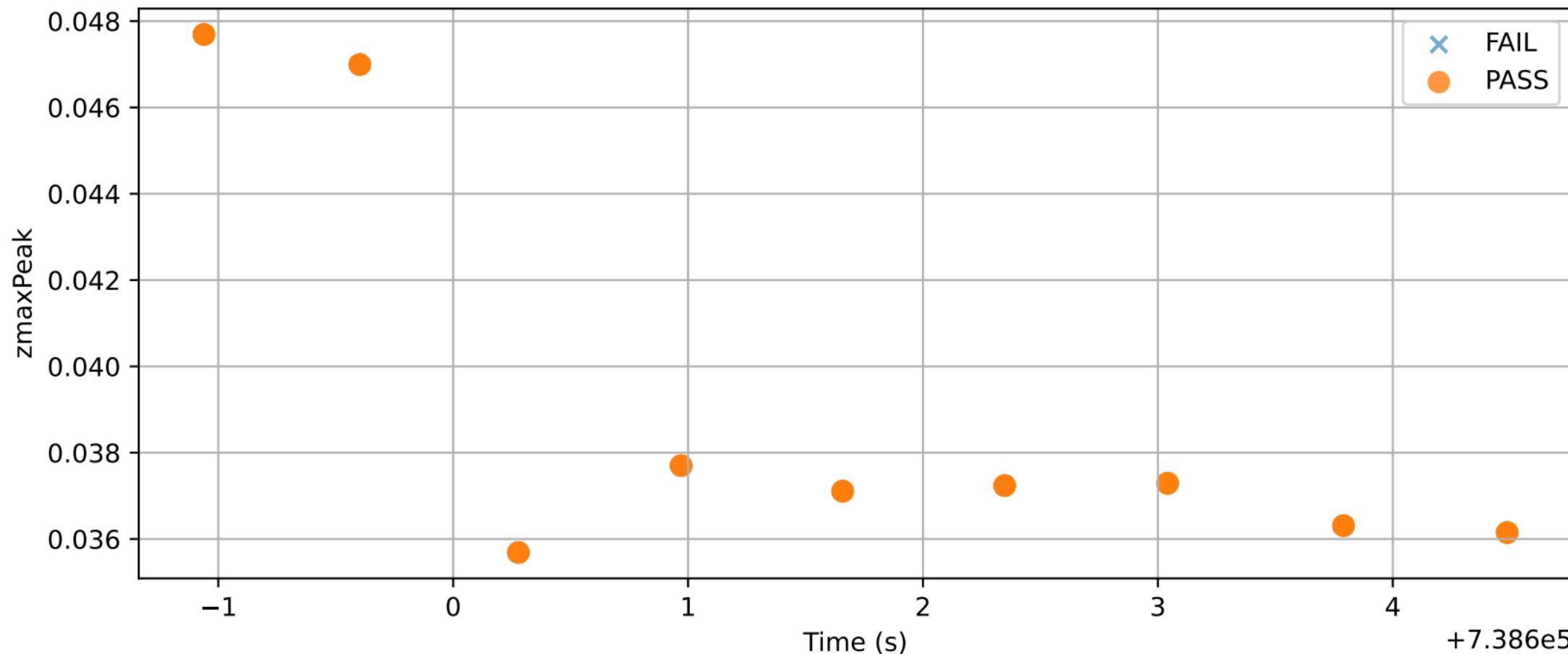
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



unmarked_bounce_18in

FAST9 frames: 162

RS frames: 162

Phase-3 windows: 18

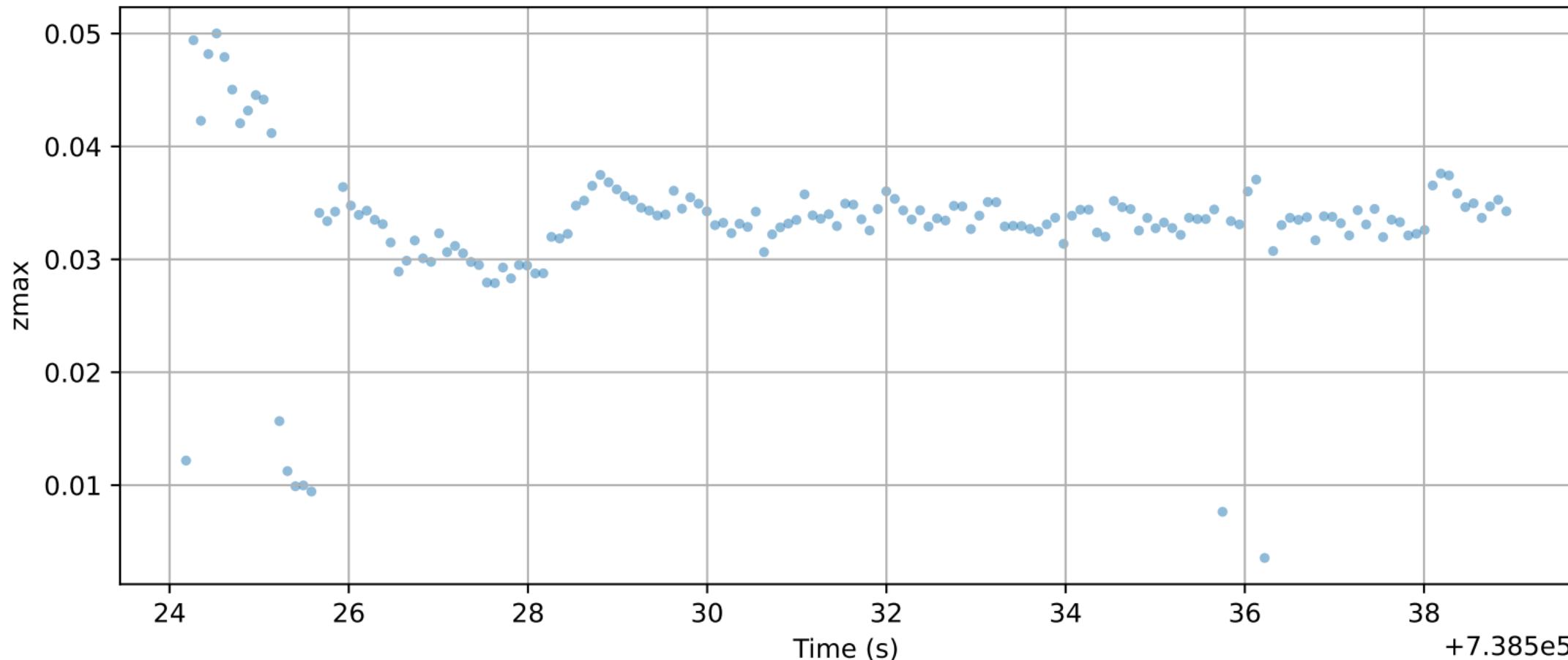
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0336

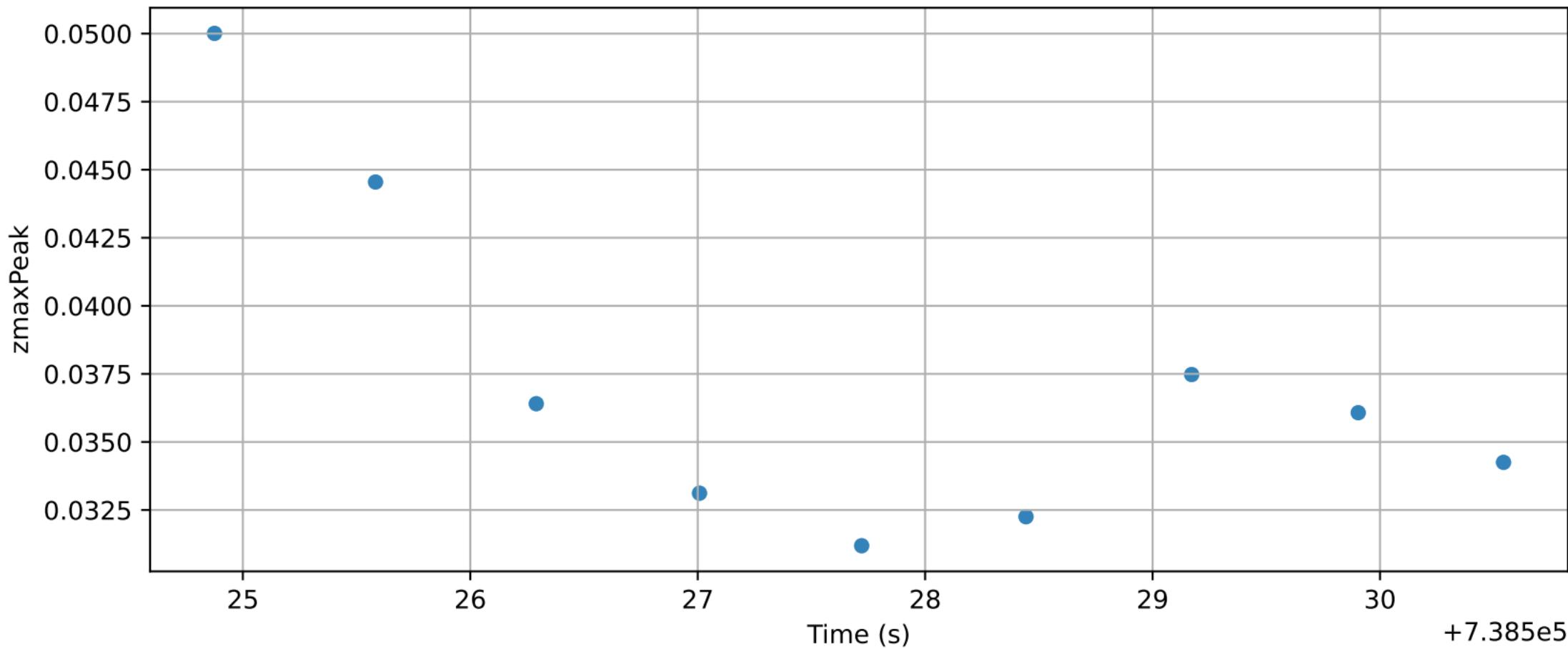
RS zmax max: 0.0500

Peak structure consistency: 1.000

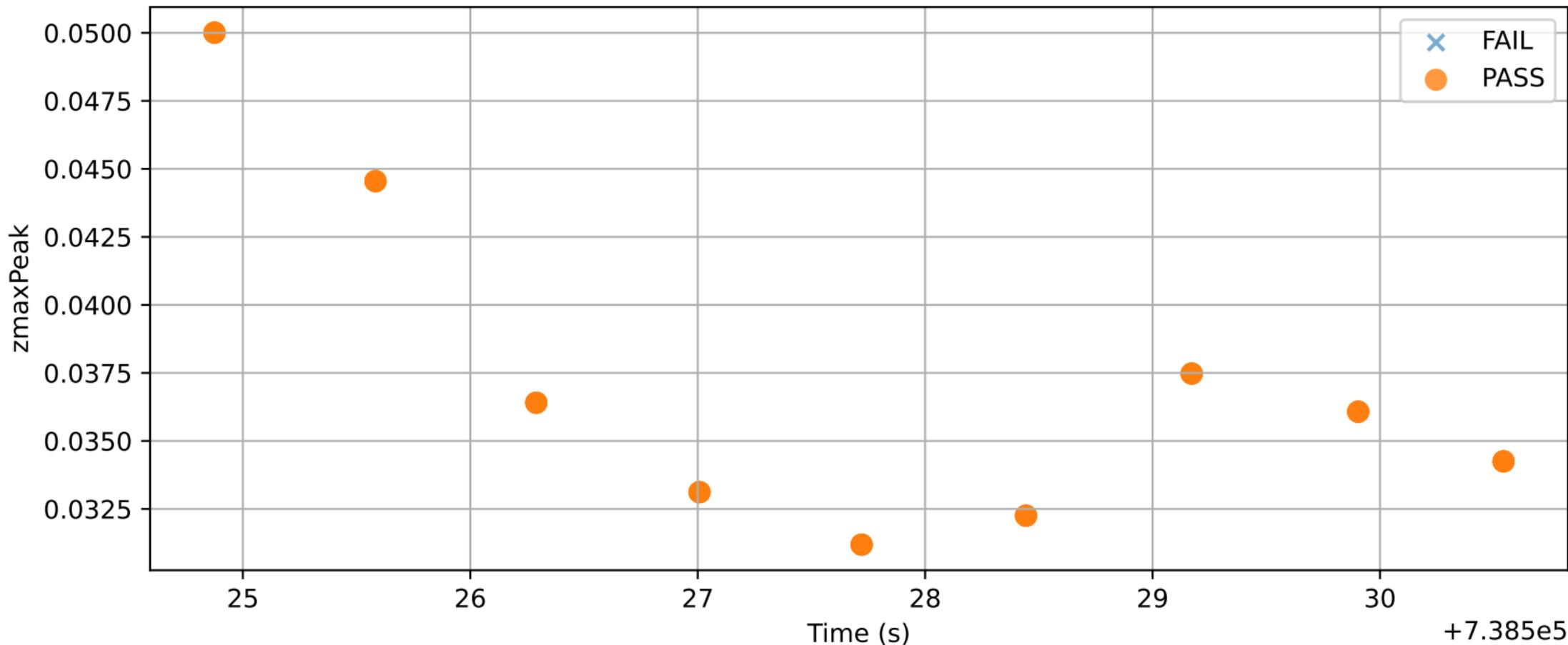
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



Phase-4 PASS Windows — Cross-Test Comparison

