

# **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

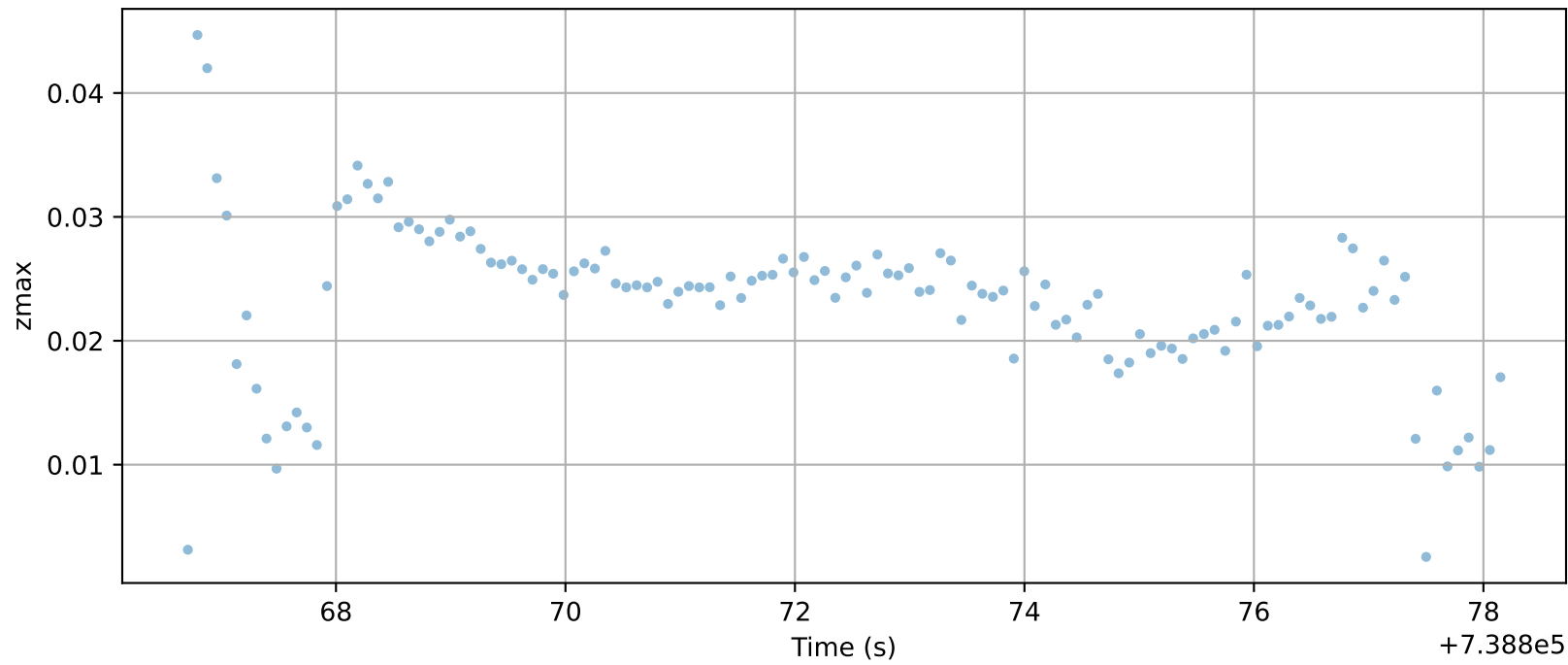
unmarked\_bounce\_18in

## **15mm\_medium\_hit\_18in**

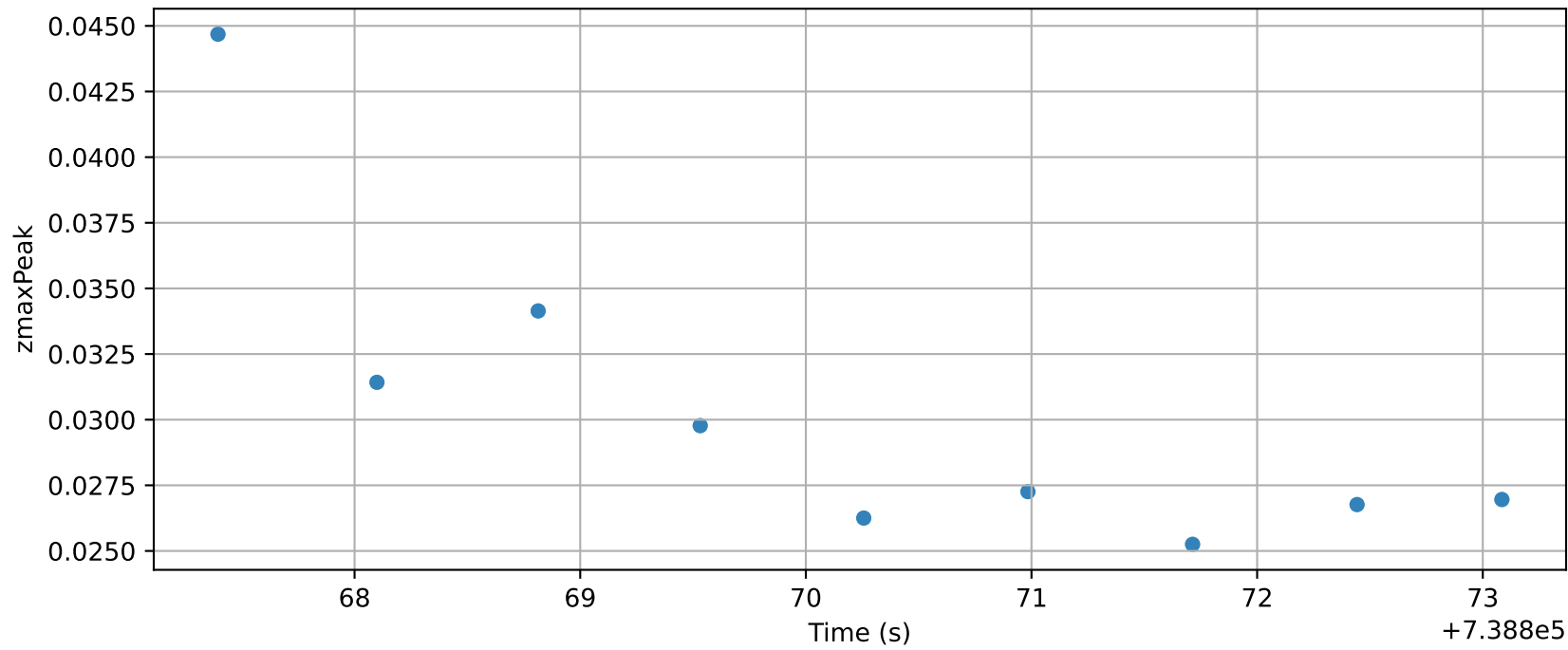
FAST9 frames: 127  
RS frames: 127  
Phase-3 windows: 18  
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0243  
RS zmax max: 0.0447  
Peak structure consistency: 1.000

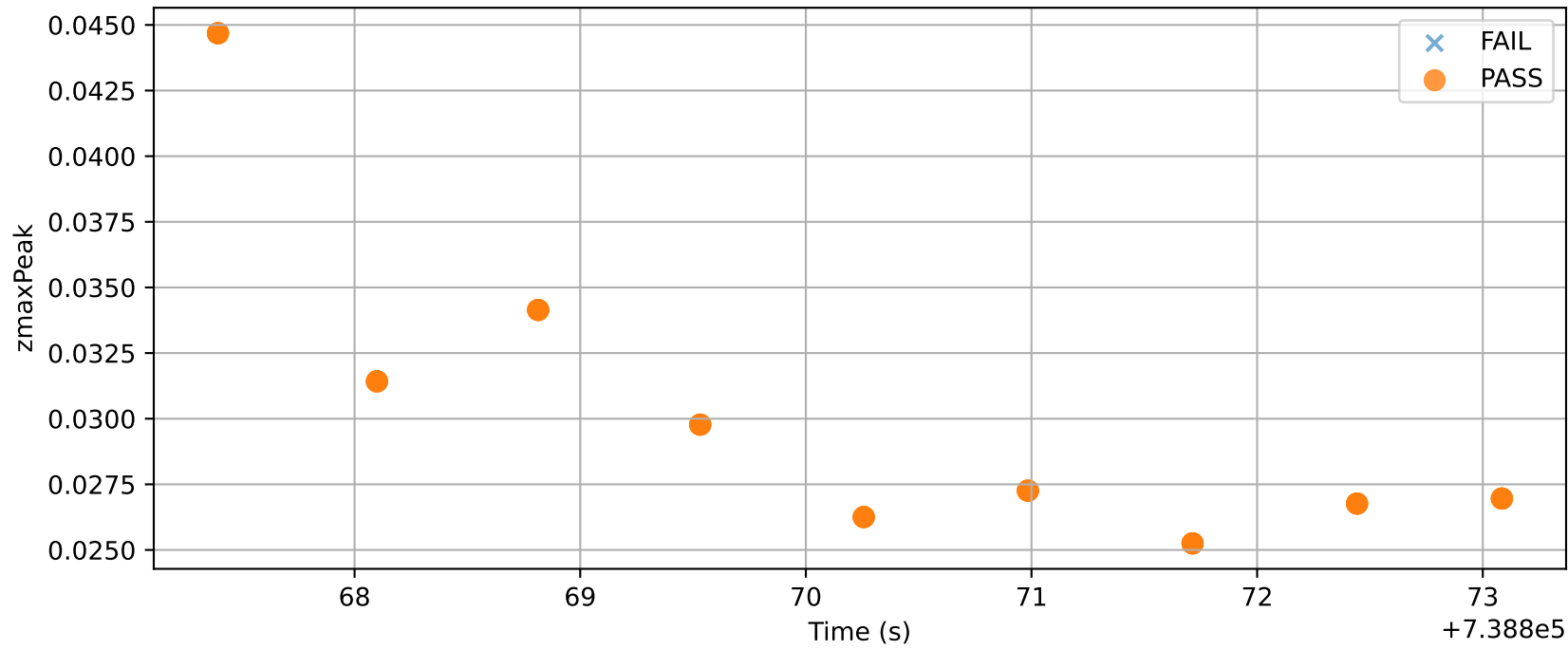
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows

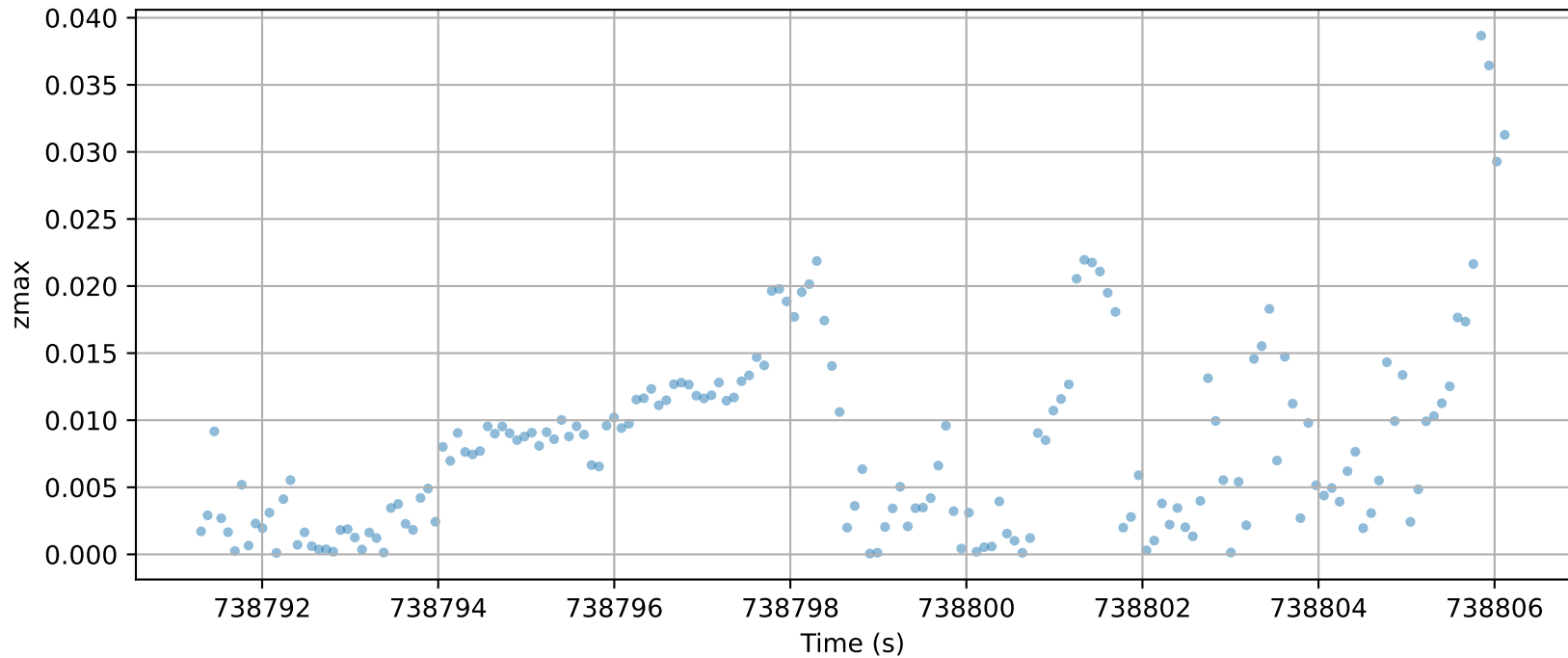


## **12mm\_medium\_hit\_18in**

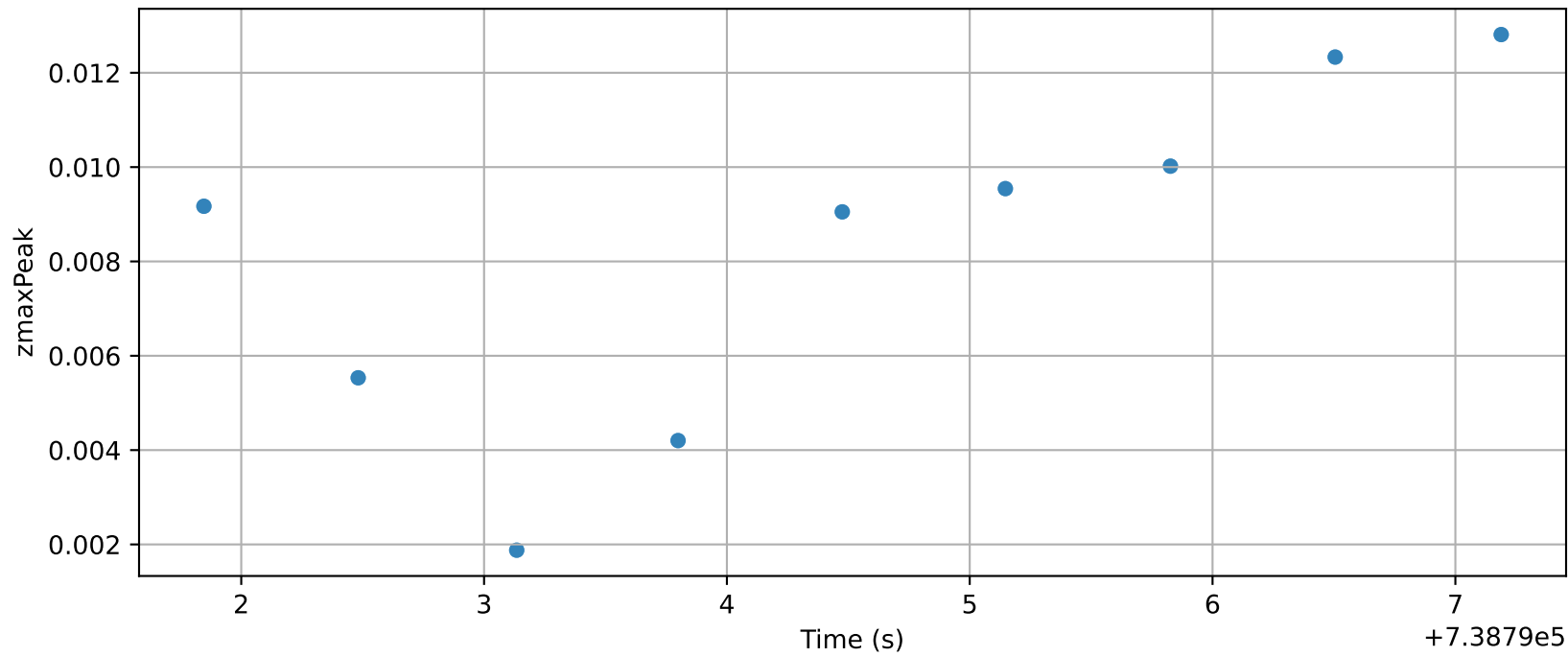
FAST9 frames: 174  
RS frames: 174  
Phase-3 windows: 18  
Phase-4 PASS: 0 FAIL: 36

RS zmax median: 0.0072  
RS zmax max: 0.0387  
Peak structure consistency: 1.000

Phase-2 RS shear (frame-level)

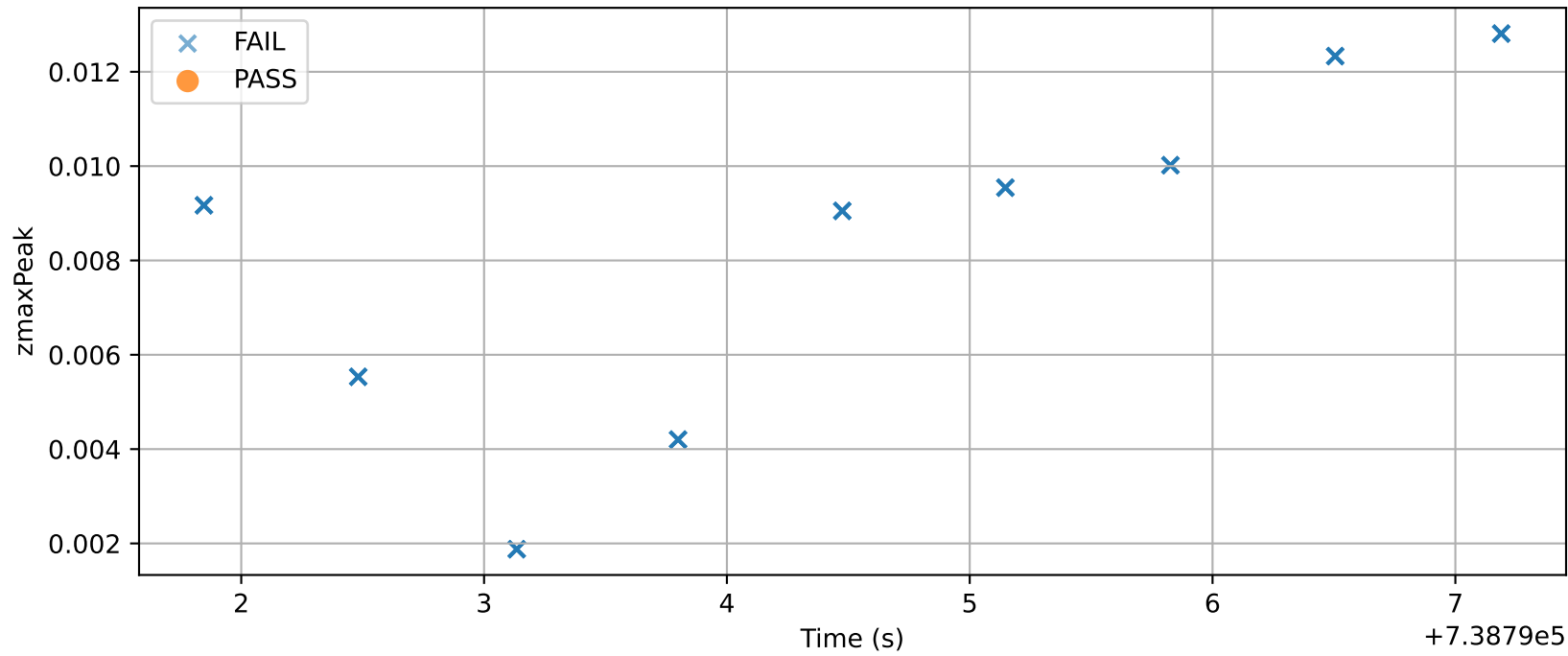


Phase-3 RS window envelopes





Phase-4 PASS / FAIL windows

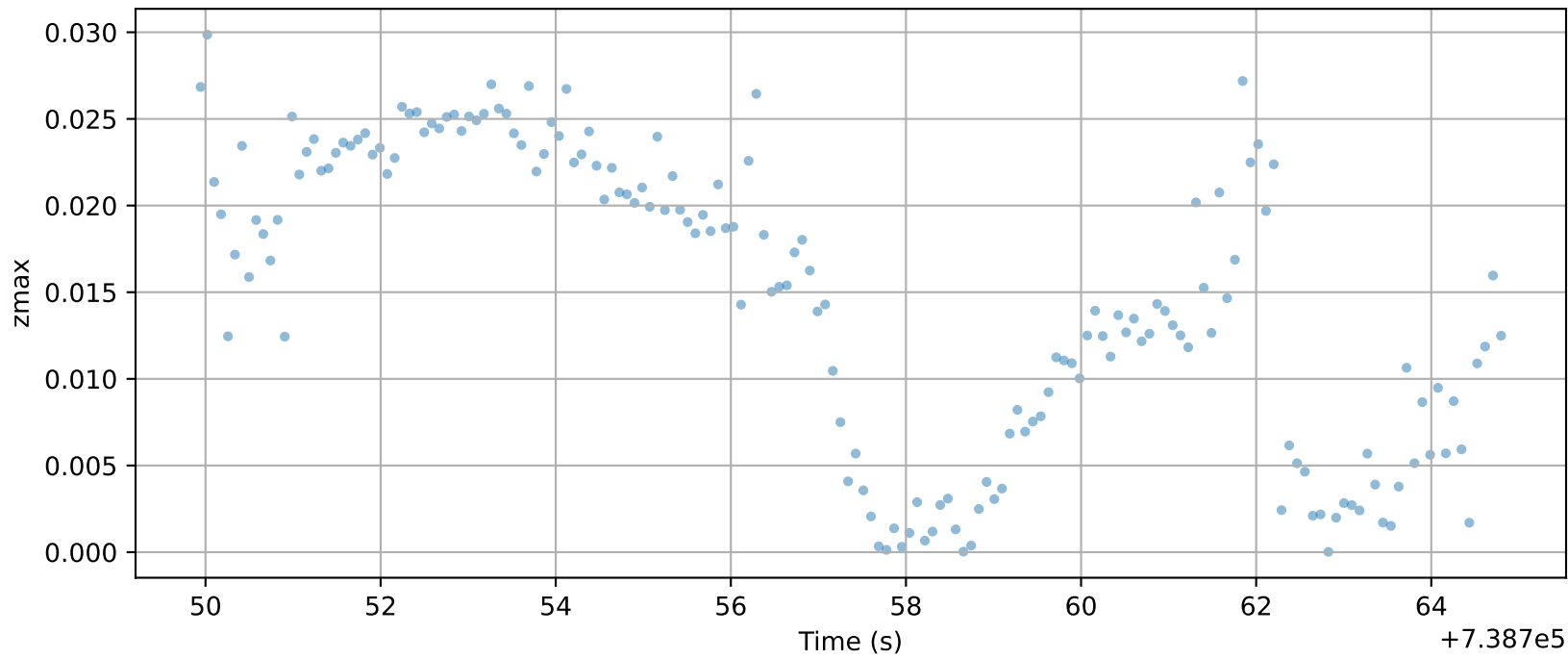


## **10mm\_medium\_hit\_18in**

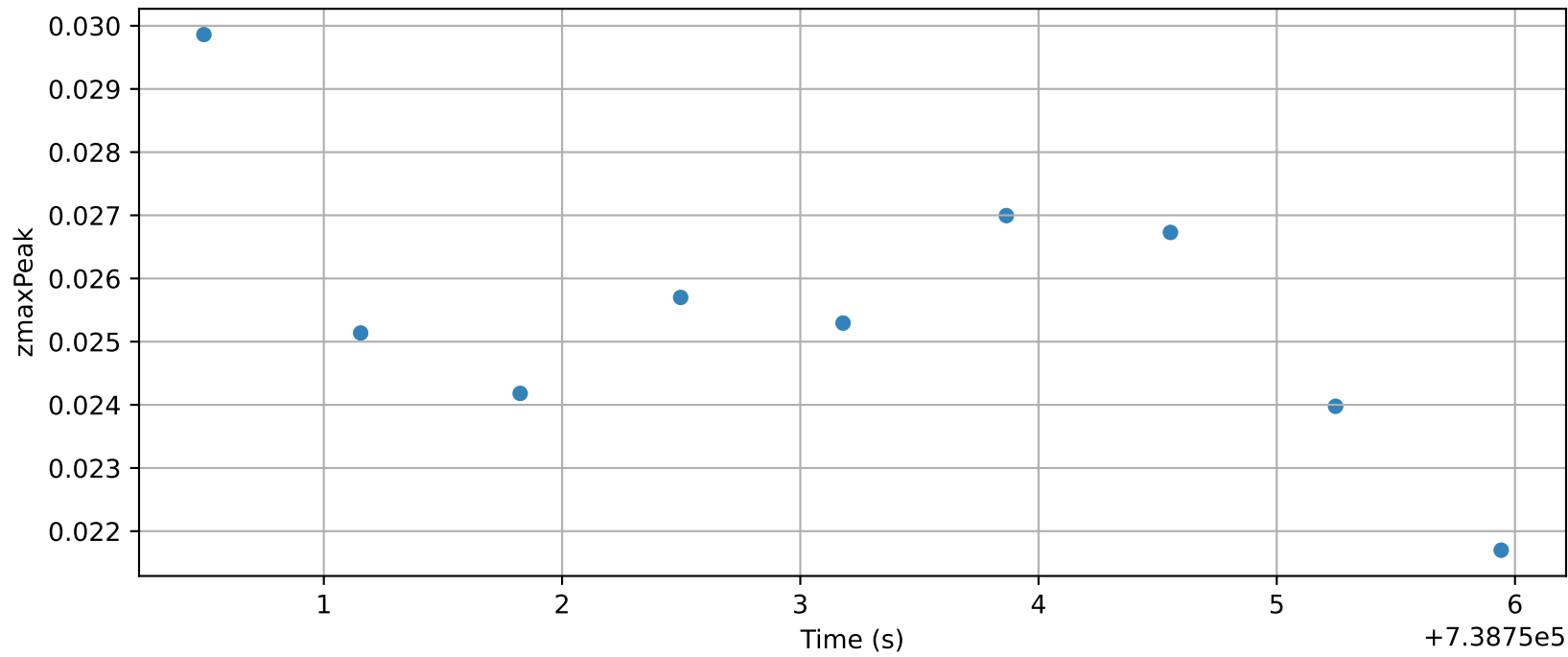
FAST9 frames: 173  
RS frames: 172  
Phase-3 windows: 18  
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0156  
RS zmax max: 0.0299  
Peak structure consistency: 1.000

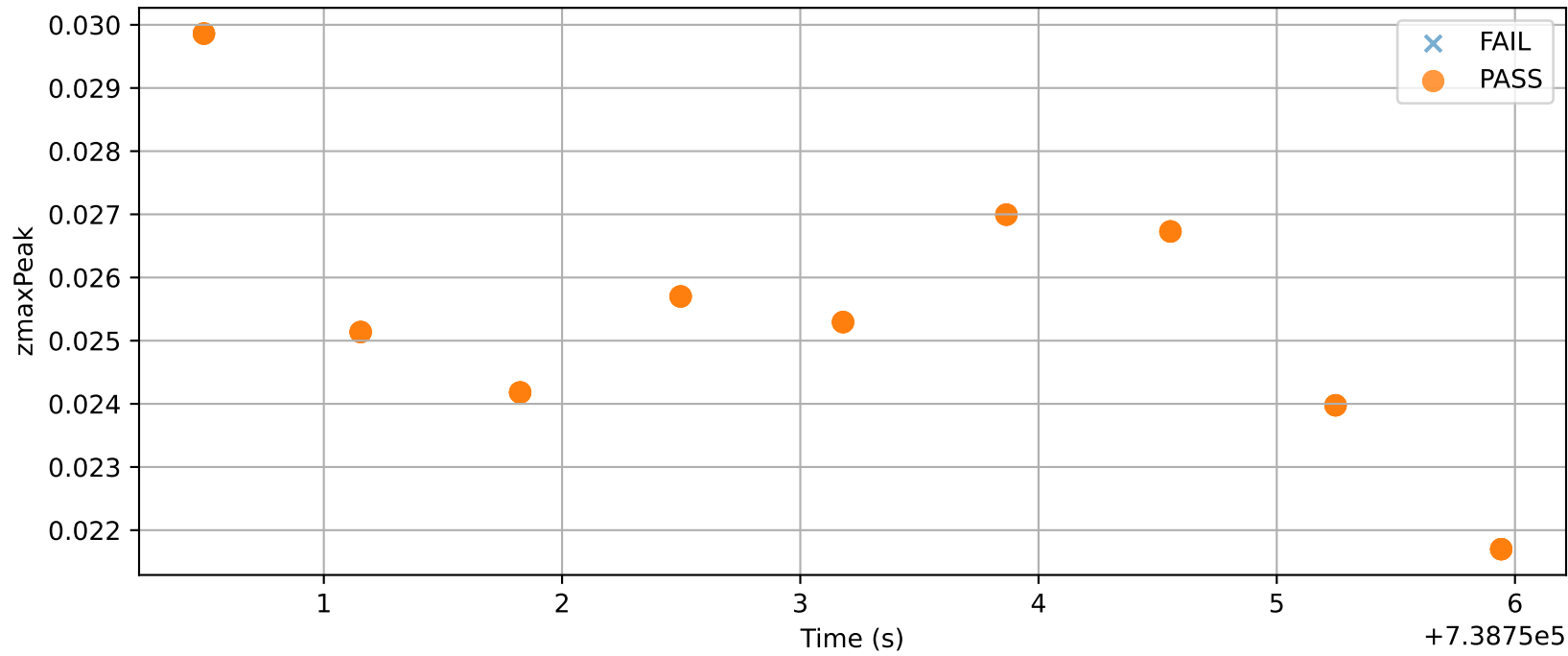
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows

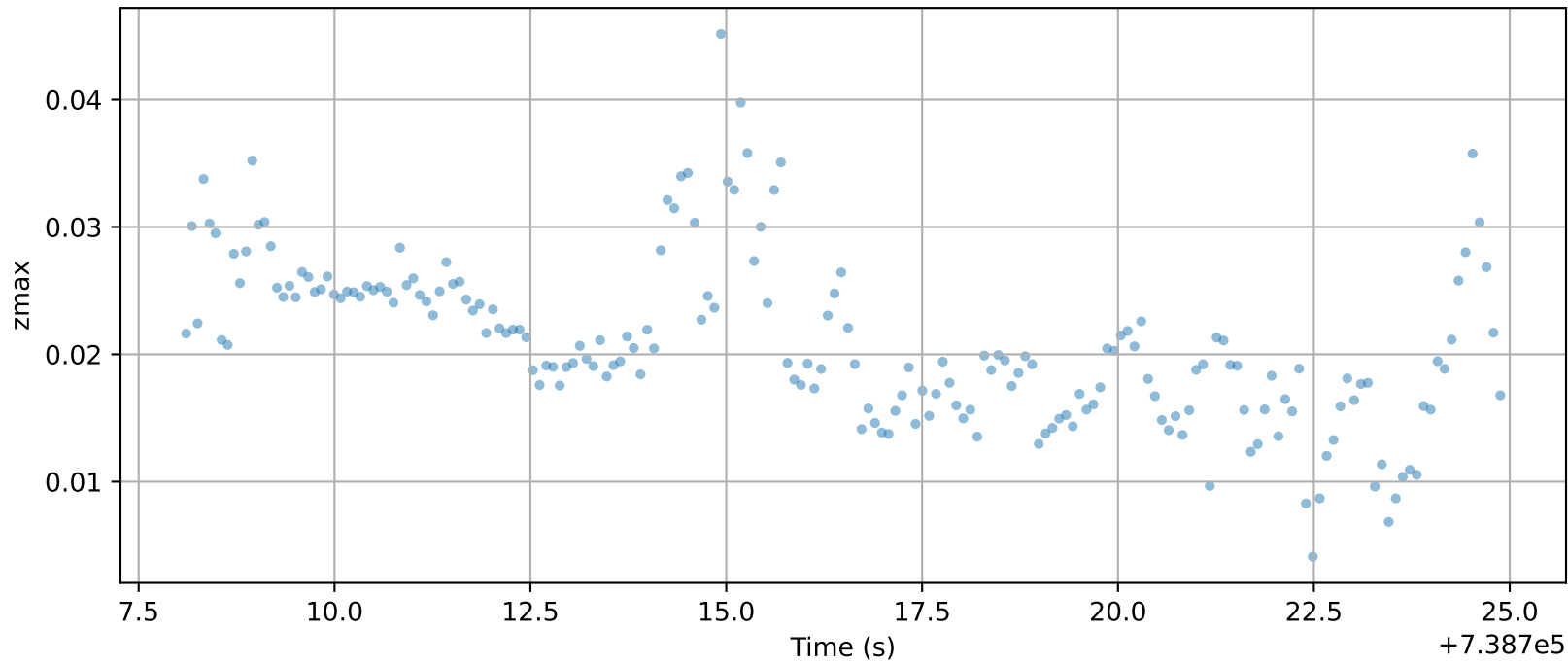


## **unmarked\_medium\_hit\_18in**

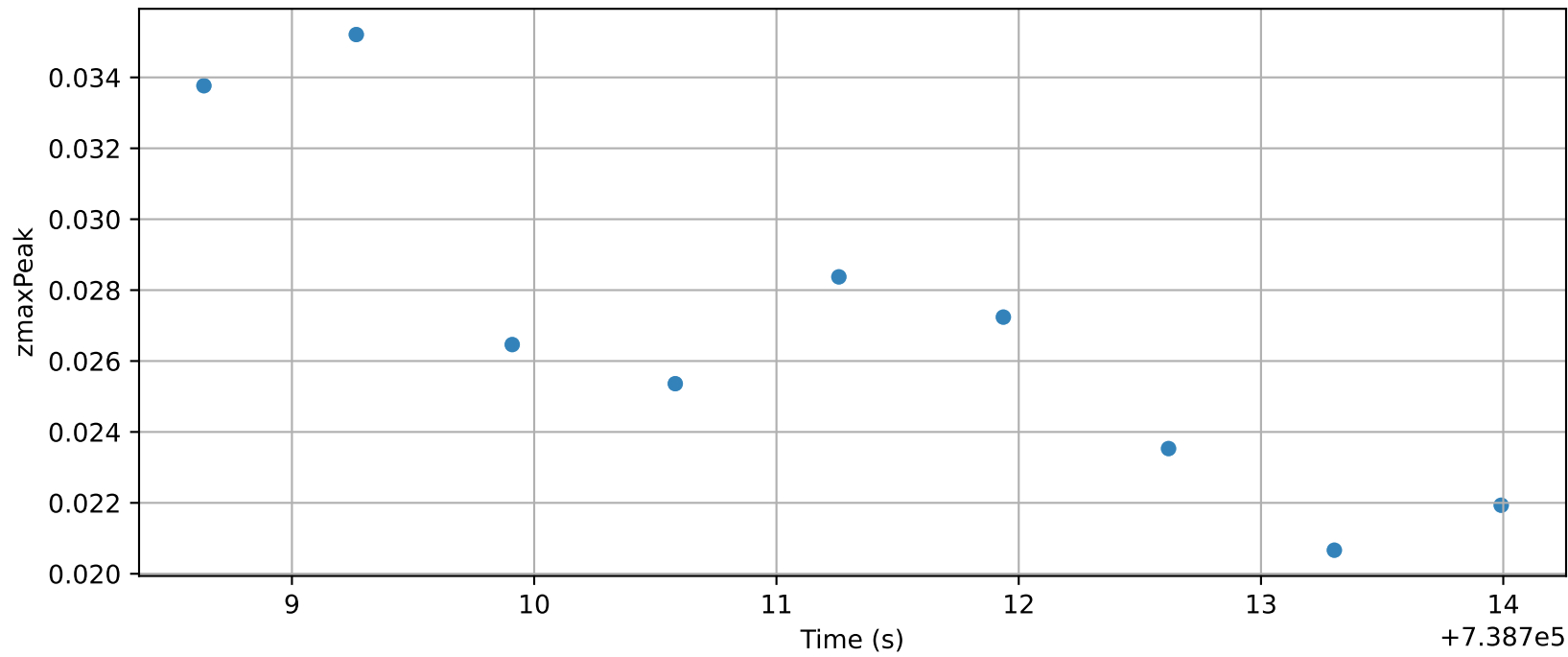
FAST9 frames: 197  
RS frames: 197  
Phase-3 windows: 18  
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0199  
RS zmax max: 0.0452  
Peak structure consistency: 1.000

Phase-2 RS shear (frame-level)

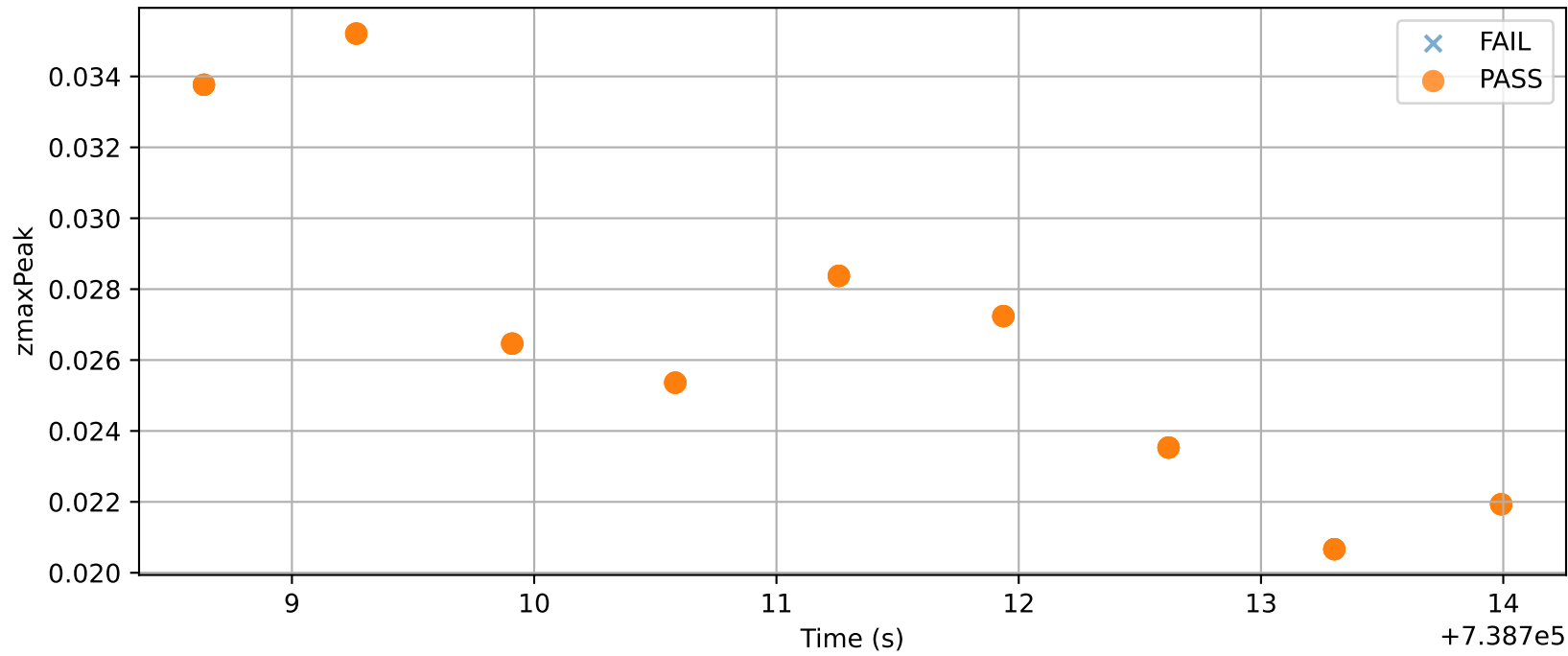


Phase-3 RS window envelopes





Phase-4 PASS / FAIL windows



## **15mm\_bounce\_18in**

FAST9 frames: 126

RS frames: 126

Phase-3 windows: 18

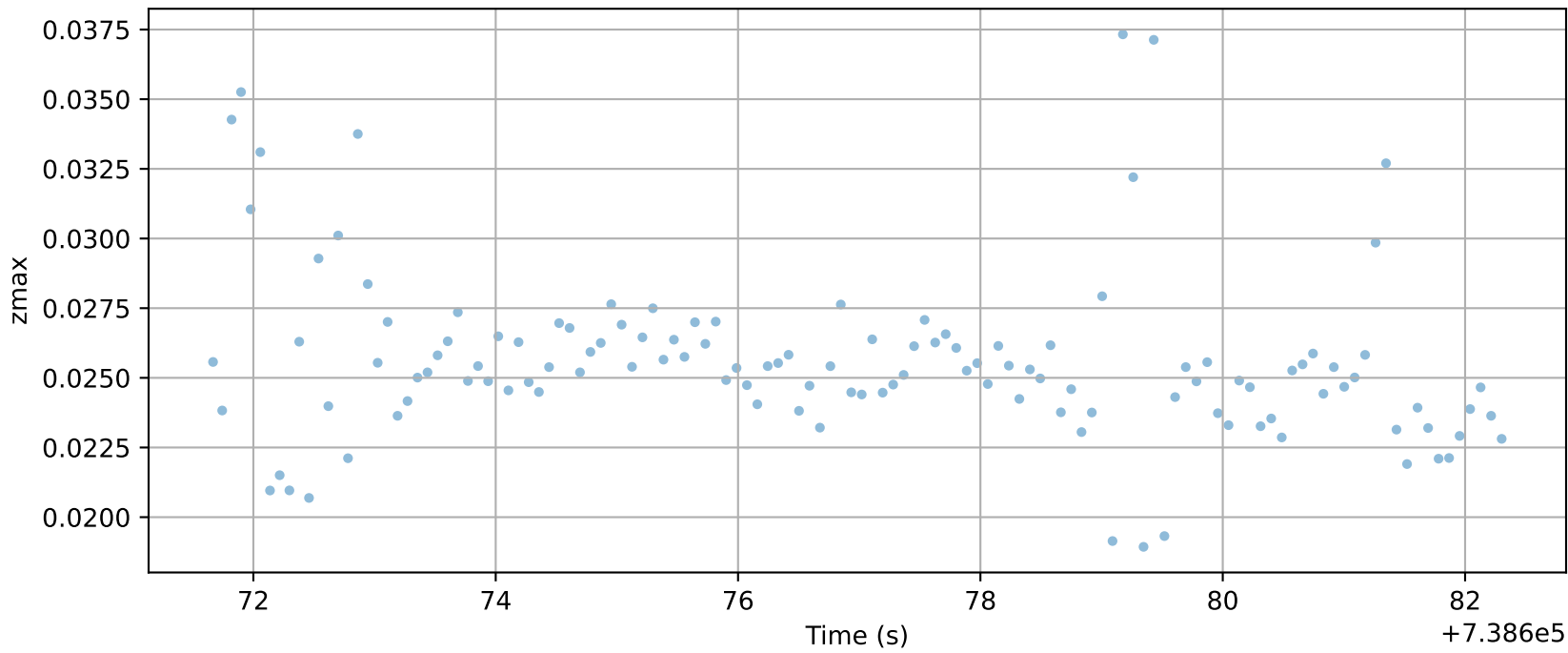
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0253

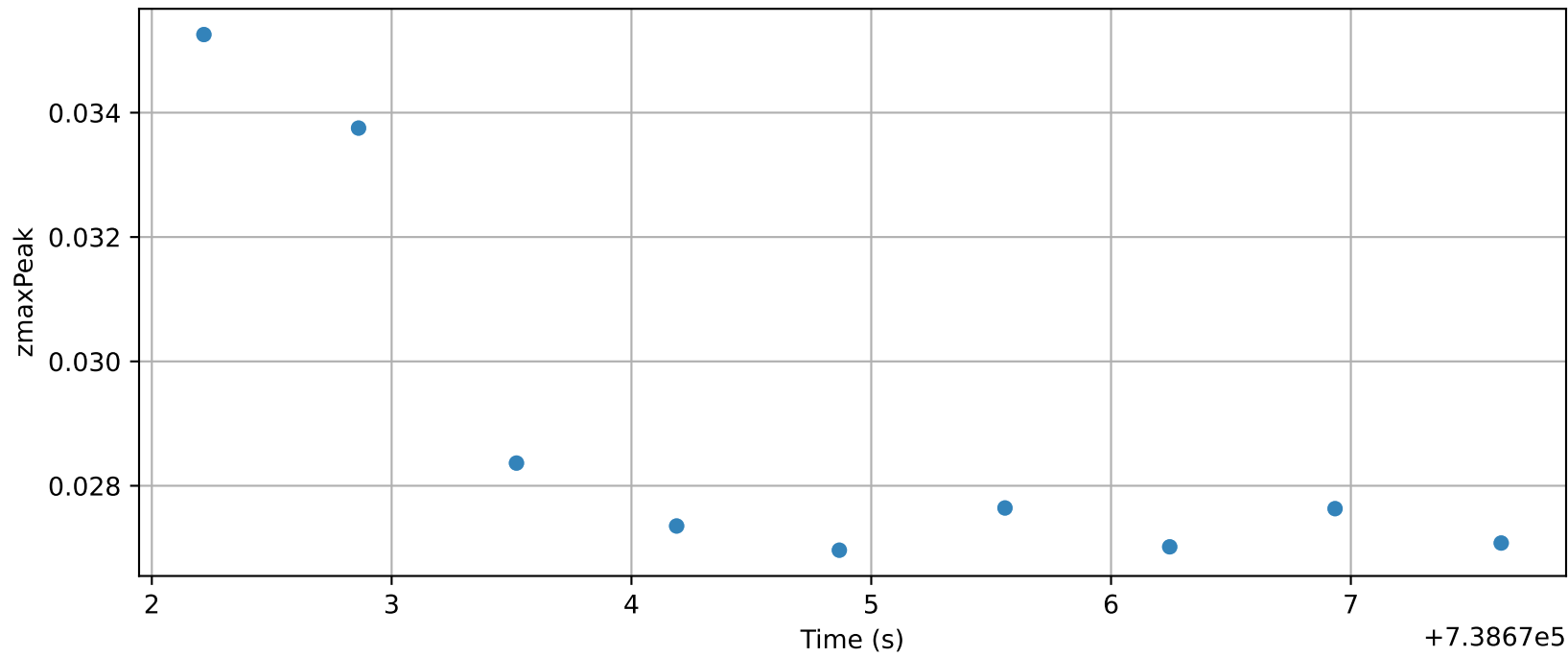
RS zmax max: 0.0373

Peak structure consistency: 1.000

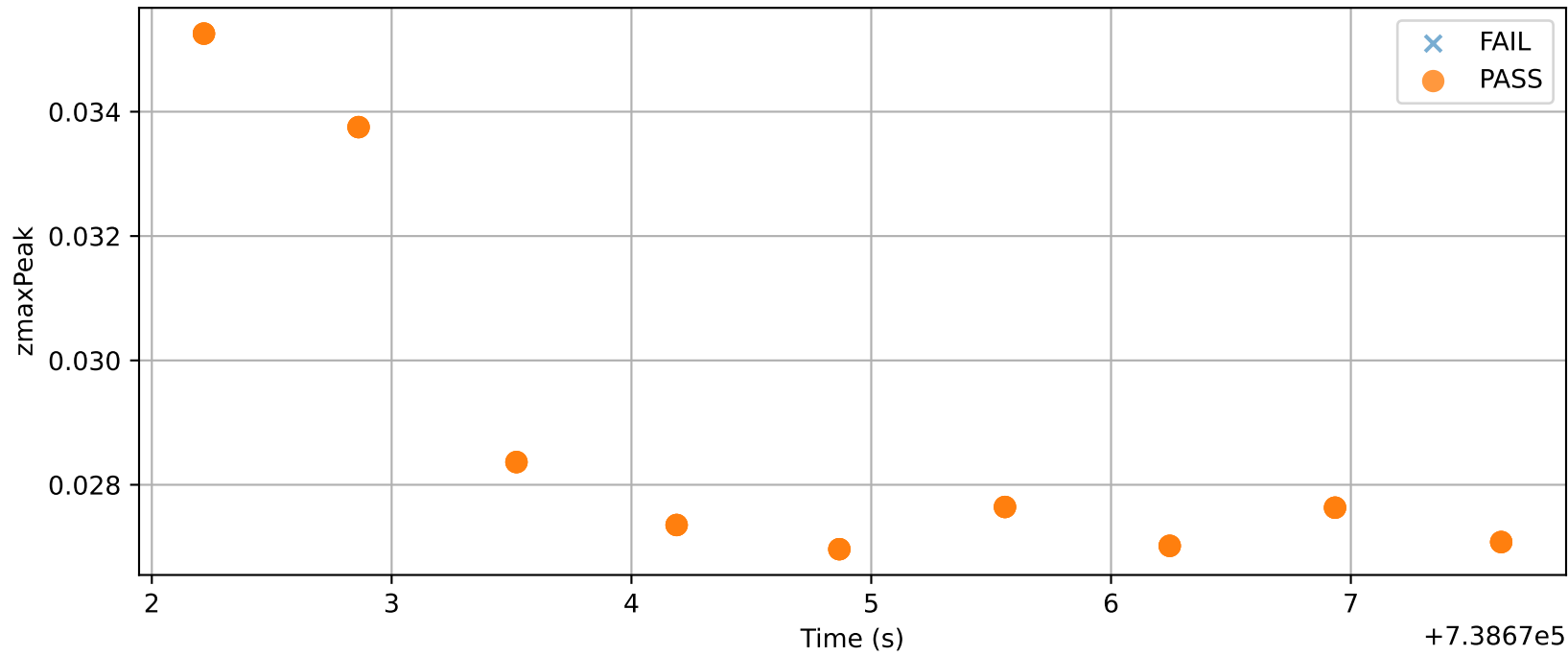
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows



## **12mm\_bounce\_18in**

FAST9 frames: 204

RS frames: 202

Phase-3 windows: 18

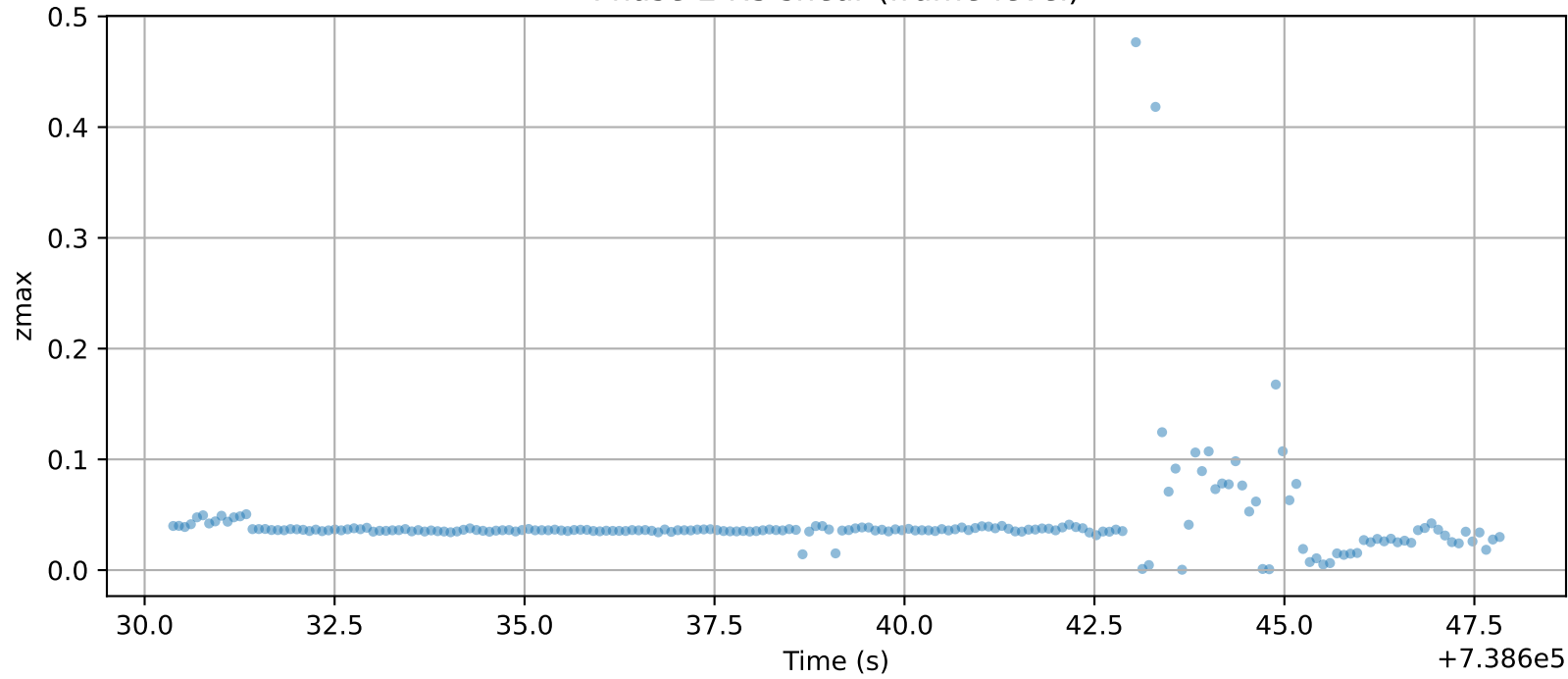
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0361

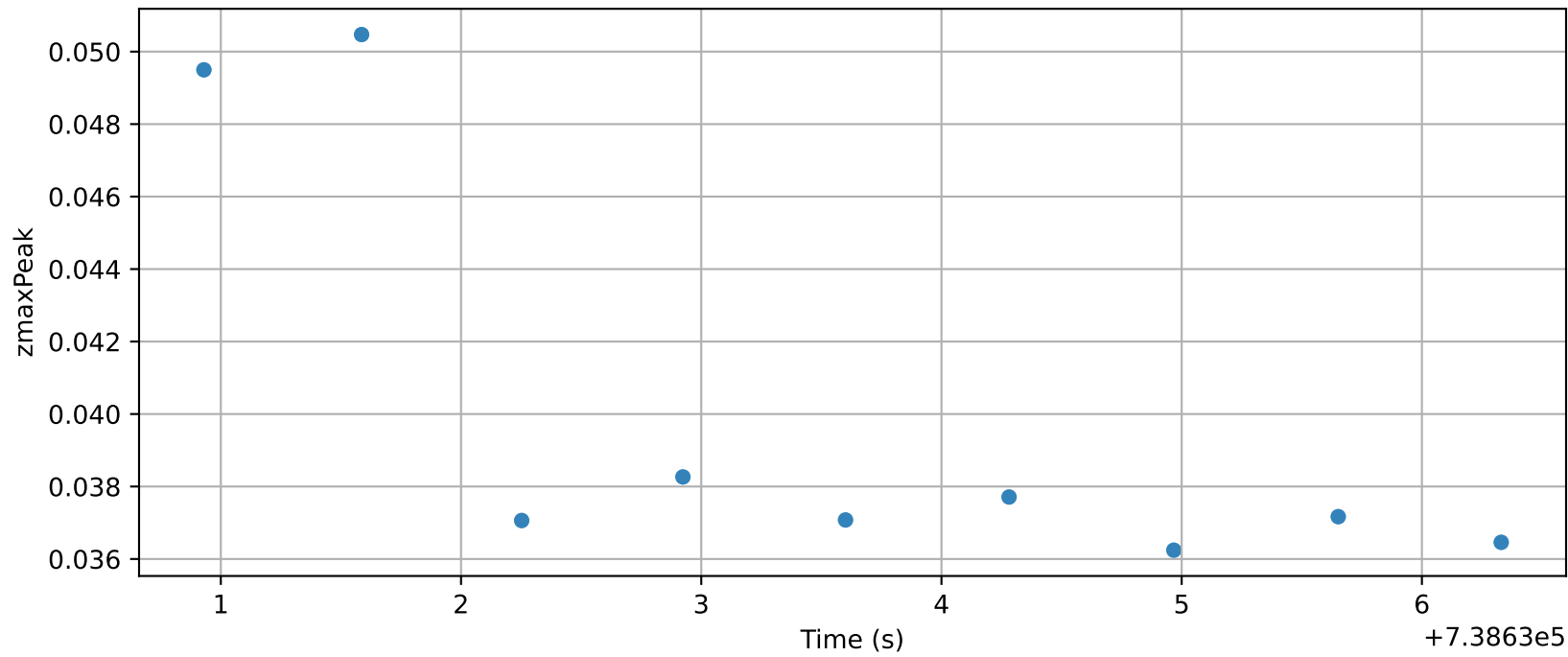
RS zmax max: 0.4766

Peak structure consistency: 1.000

Phase-2 RS shear (frame-level)

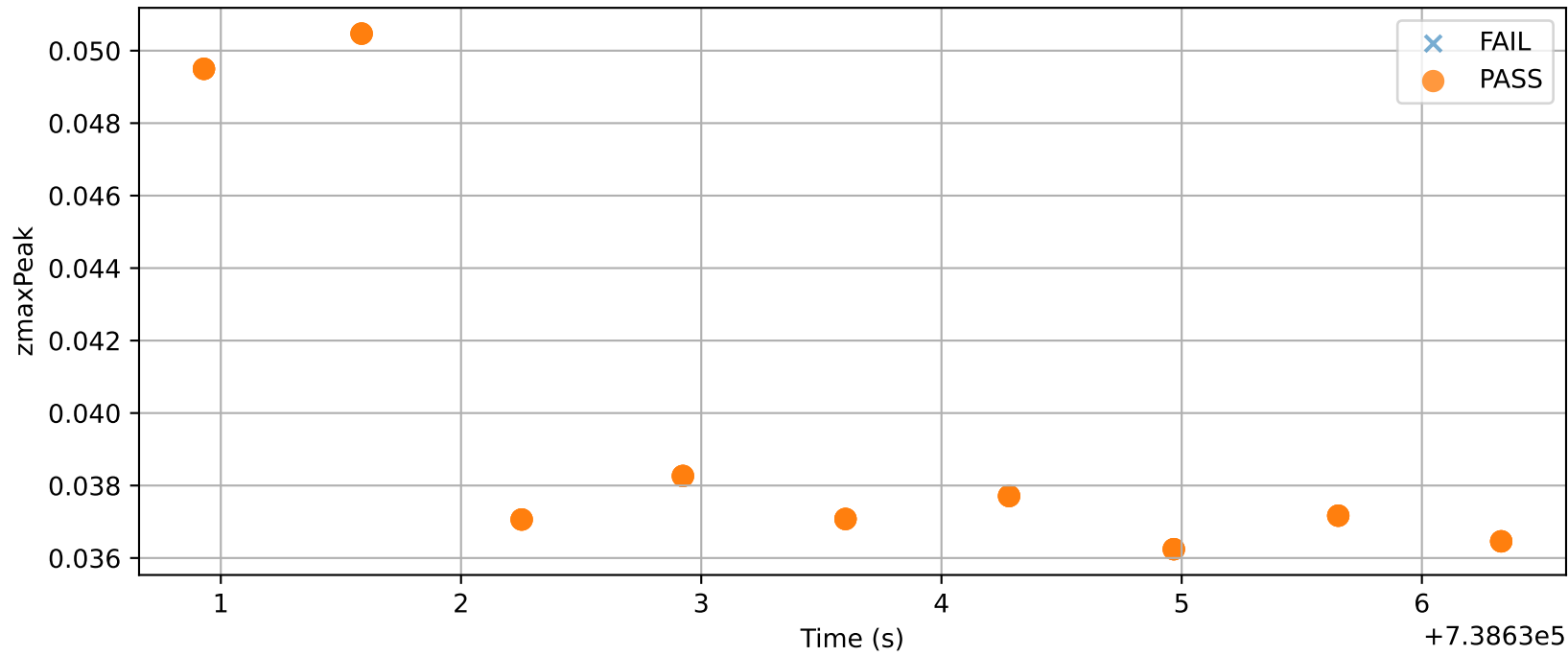


Phase-3 RS window envelopes





Phase-4 PASS / FAIL windows



## **10mm\_bounce\_18in**

FAST9 frames: 138

RS frames: 137

Phase-3 windows: 18

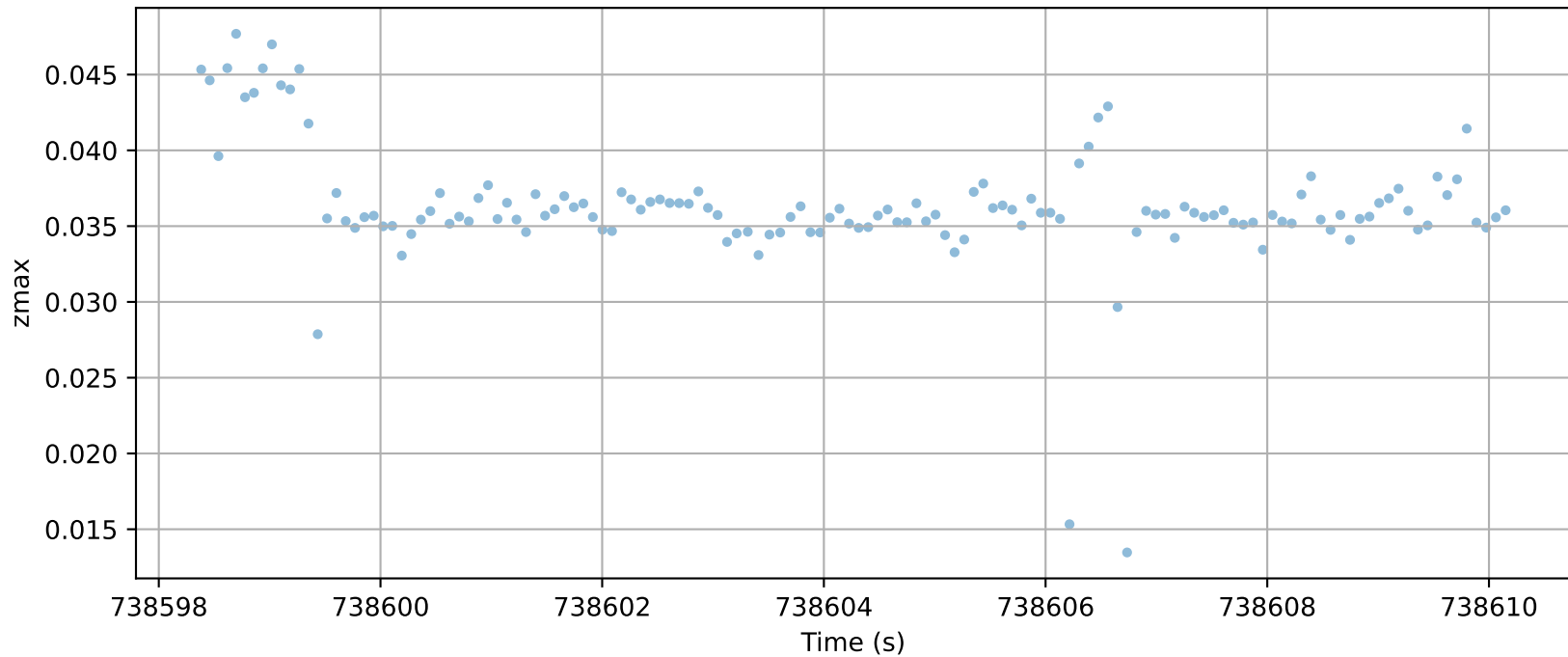
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0357

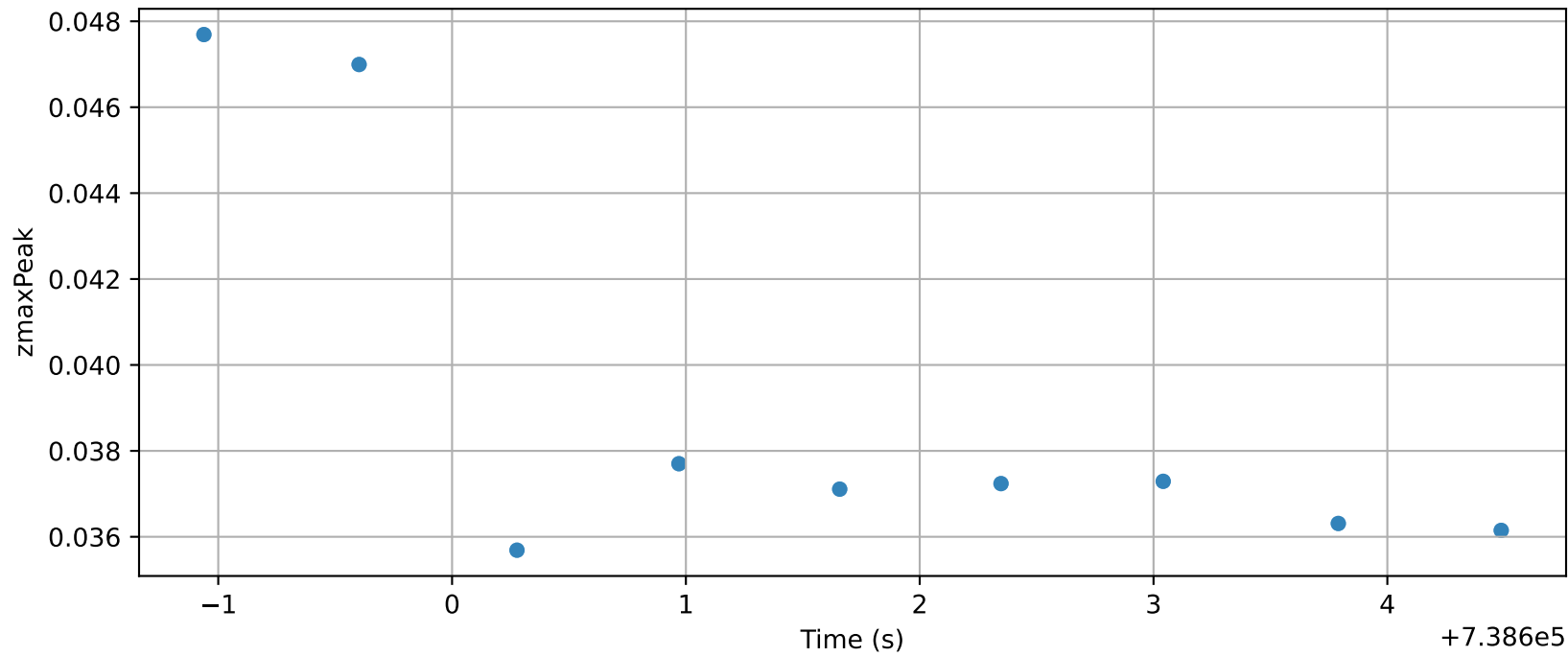
RS zmax max: 0.0477

Peak structure consistency: 1.000

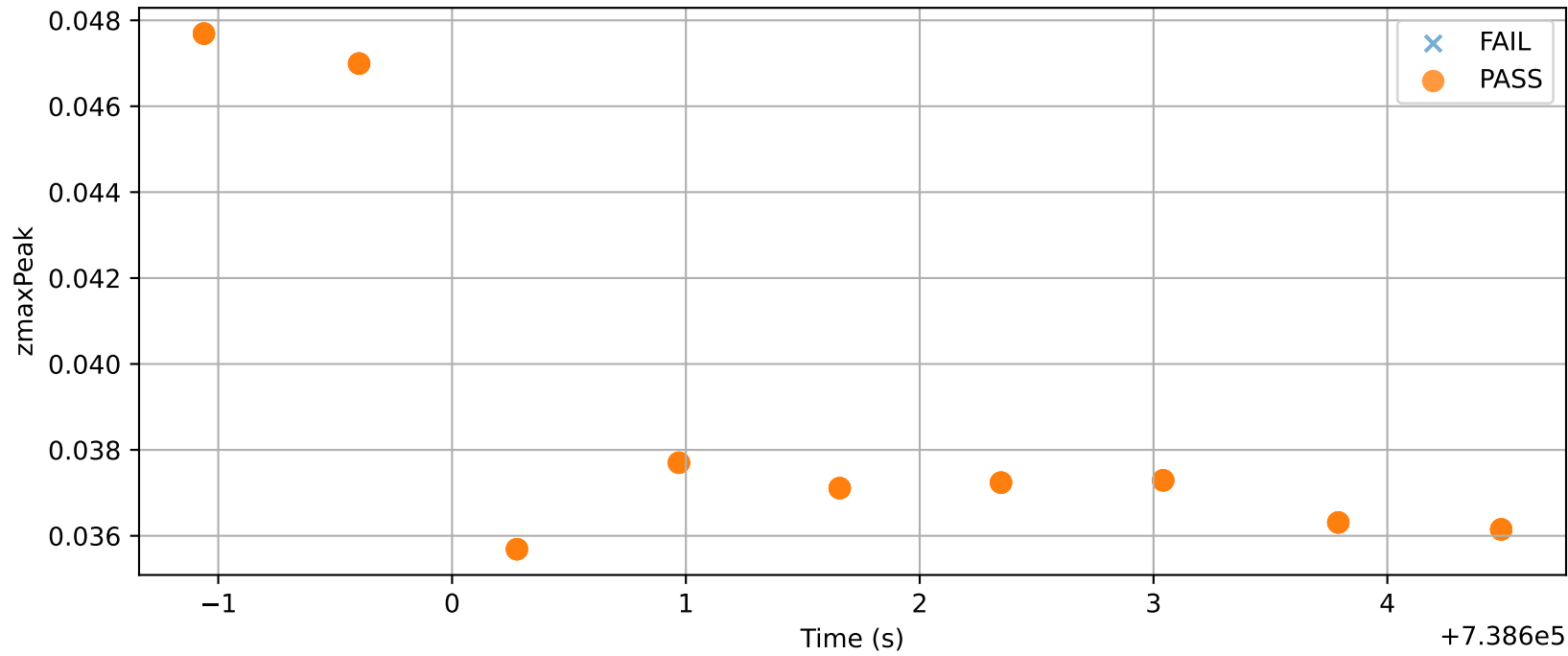
Phase-2 RS shear (frame-level)



Phase-3 RS window envelopes



Phase-4 PASS / FAIL windows

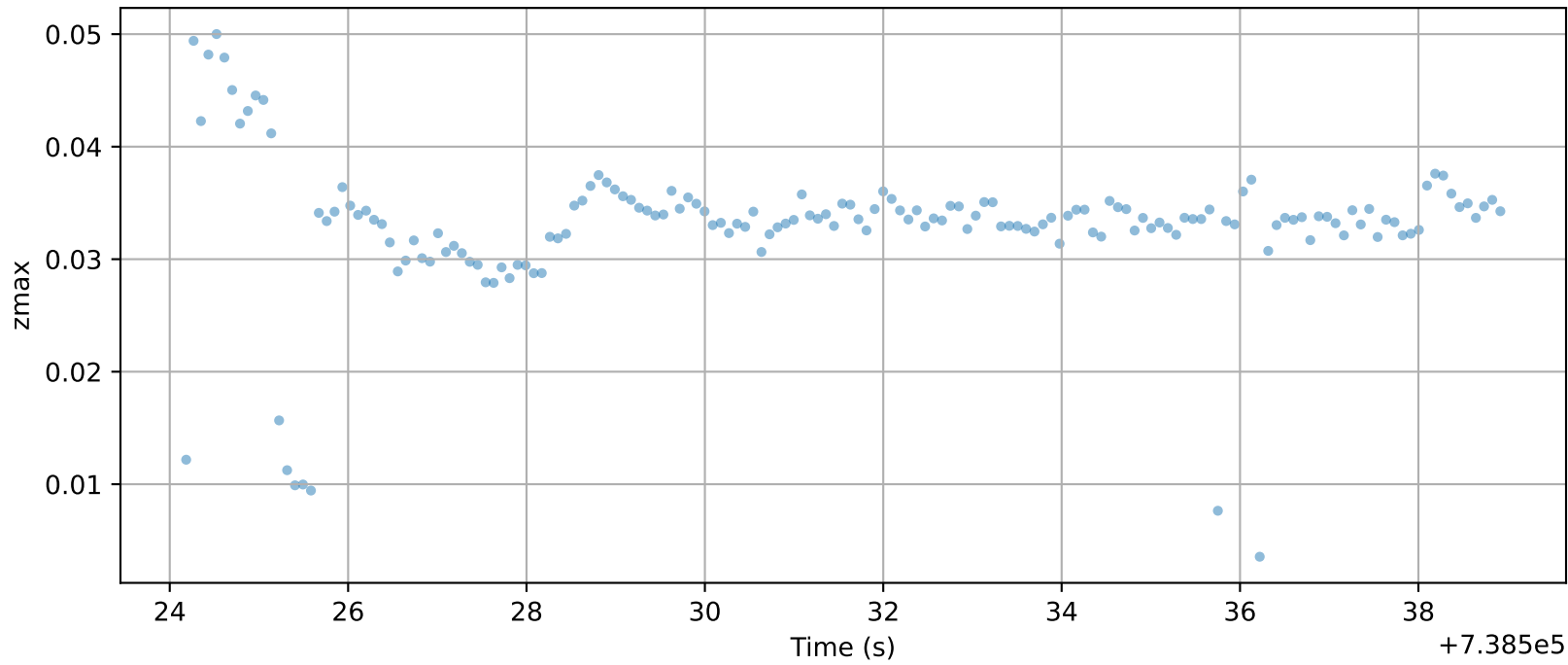


## **unmarked\_bounce\_18in**

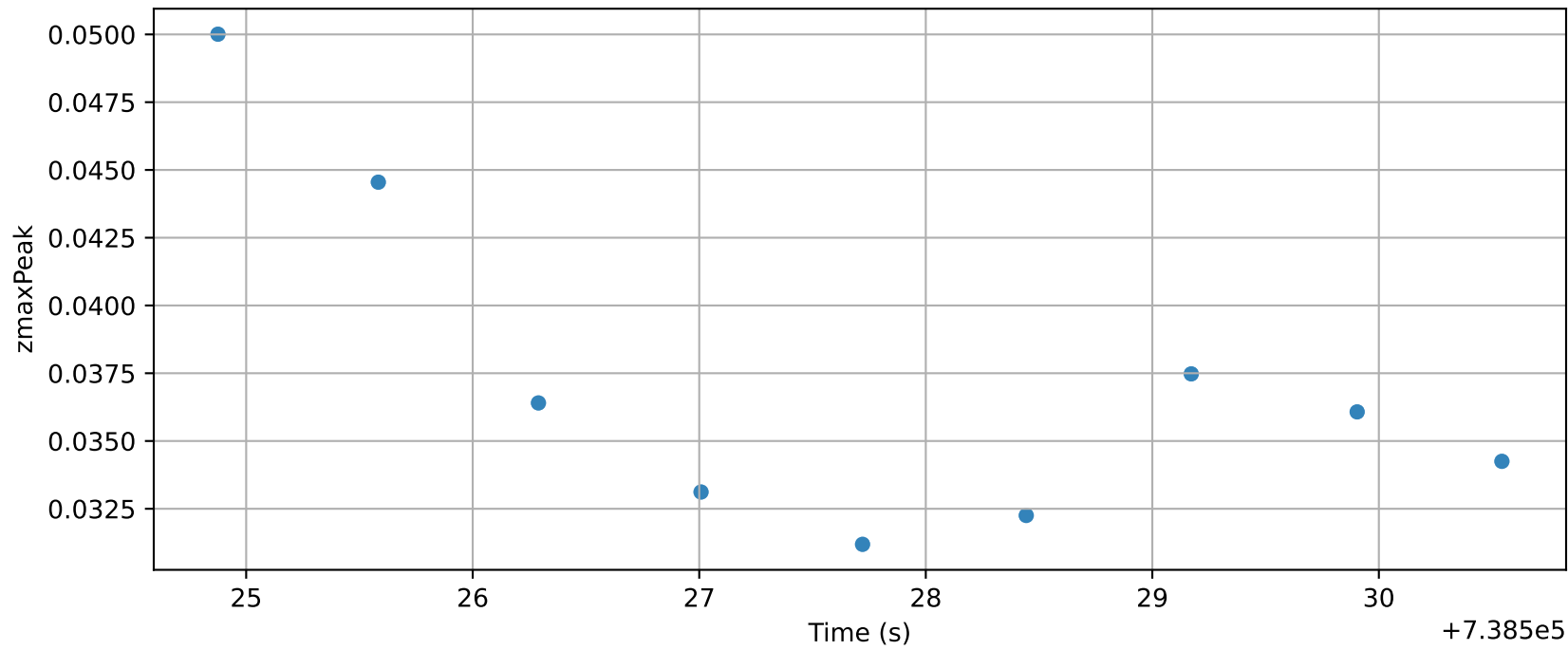
FAST9 frames: 162  
RS frames: 162  
Phase-3 windows: 18  
Phase-4 PASS: 36 FAIL: 0

RS zmax median: 0.0336  
RS zmax max: 0.0500  
Peak structure consistency: 1.000

Phase-2 RS shear (frame-level)

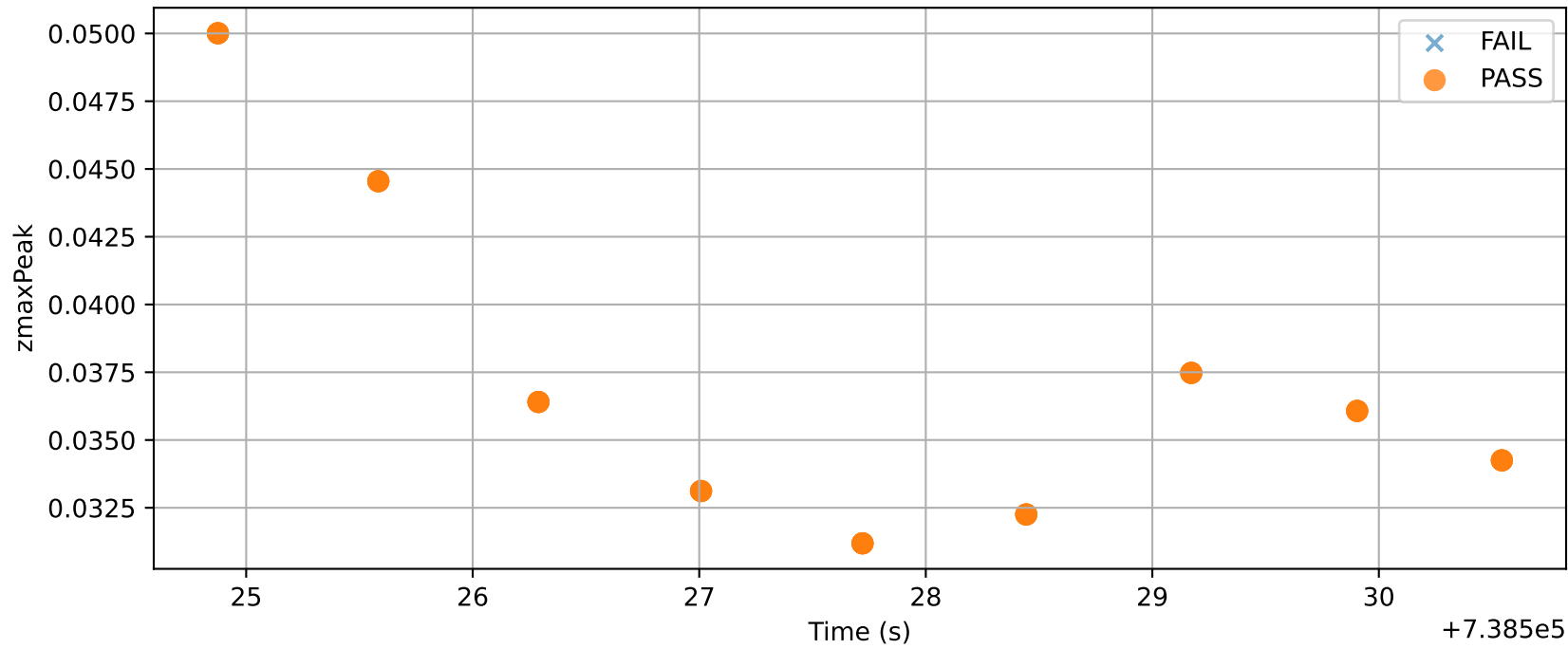


Phase-3 RS window envelopes





Phase-4 PASS / FAIL windows



Phase-4 PASS Windows — Cross-Test Comparison

