

Recent noise runs

ProtoDUNE DAP

David Adams

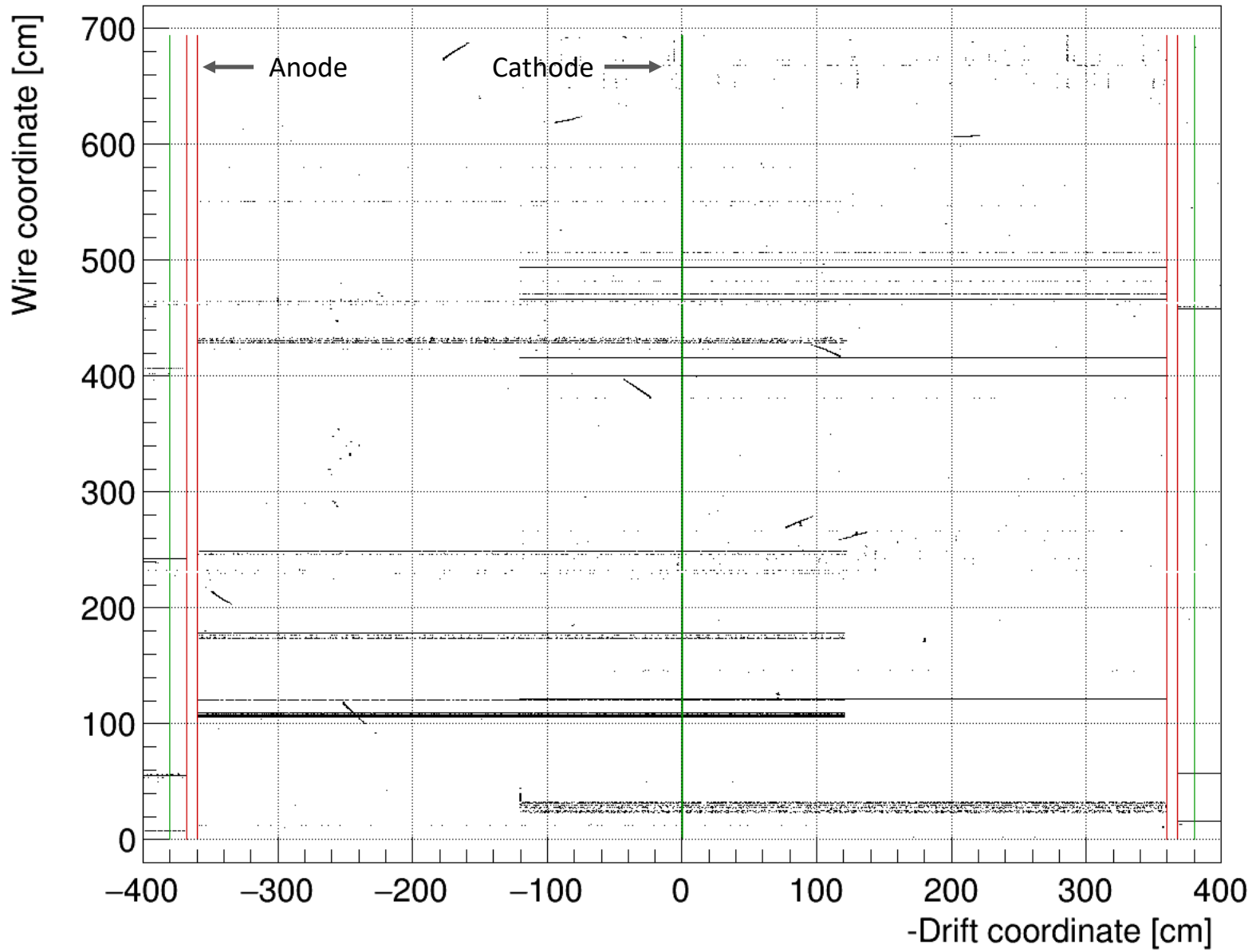
BNL

September 20, 2018

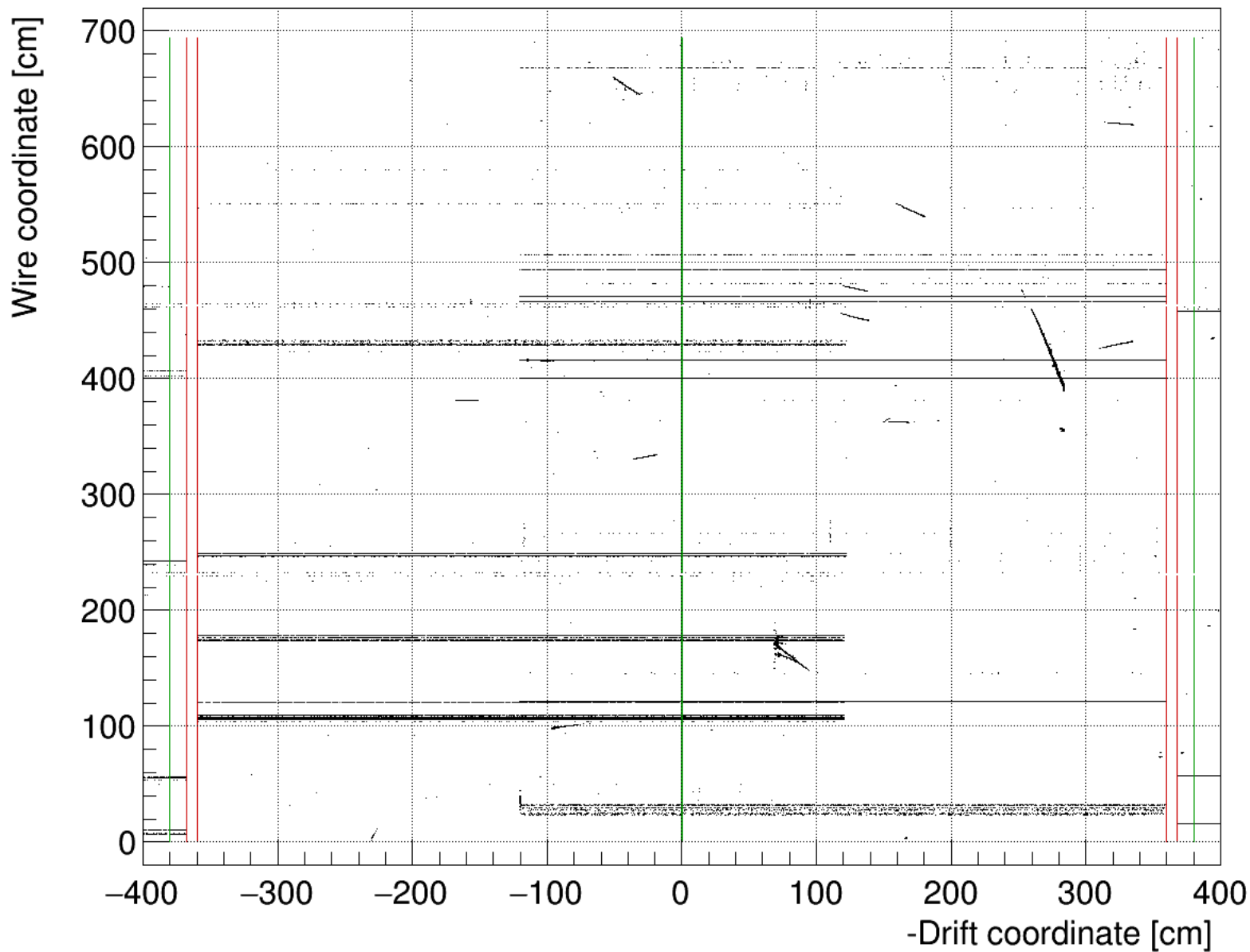
# Event displays for run 4519 (160 kV)

(Many more at <http://home.fnal.gov/~dladams/protodune/detdisp/run004519/plots.html>)

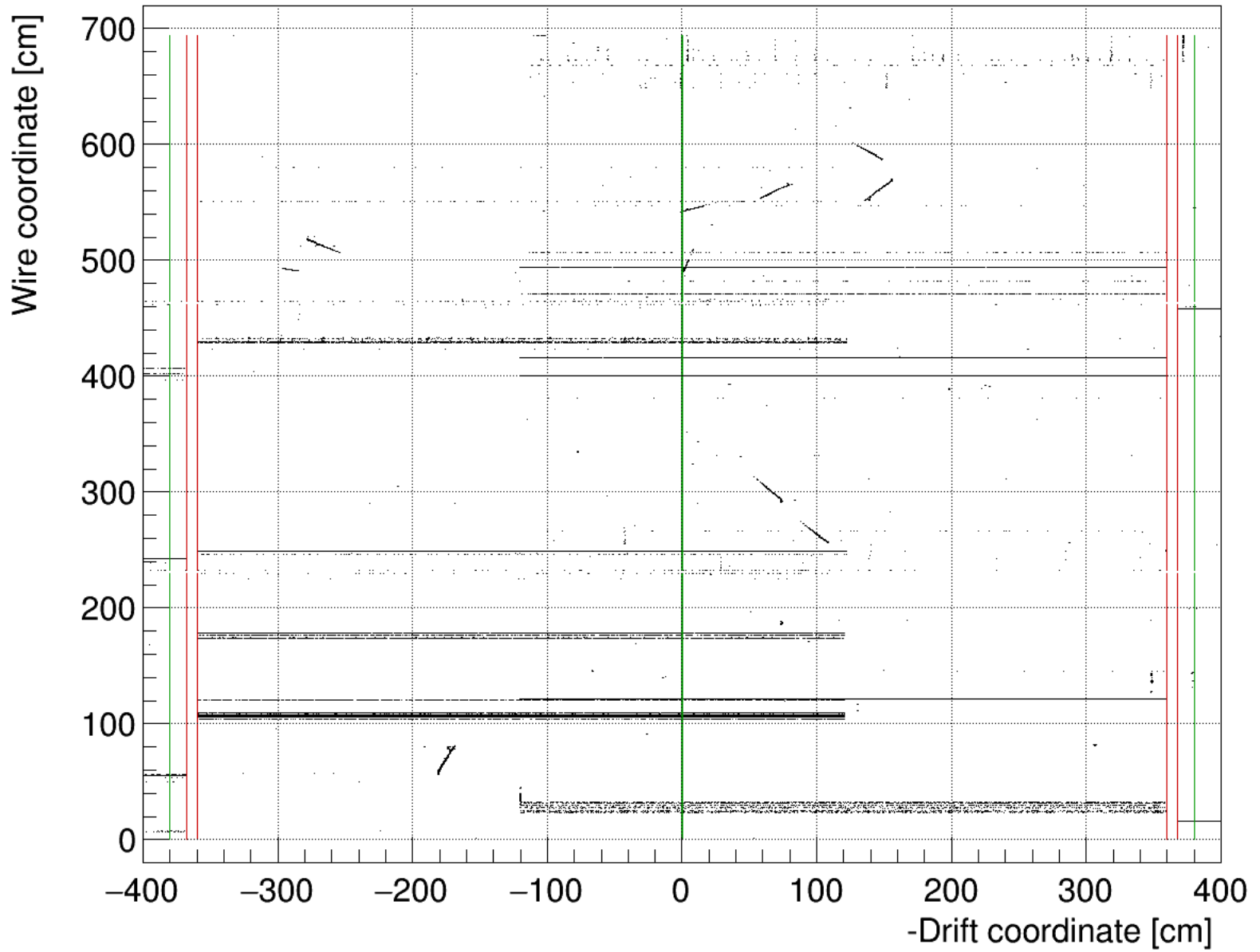
Raw ADC collection view. Run 4519, event 23.



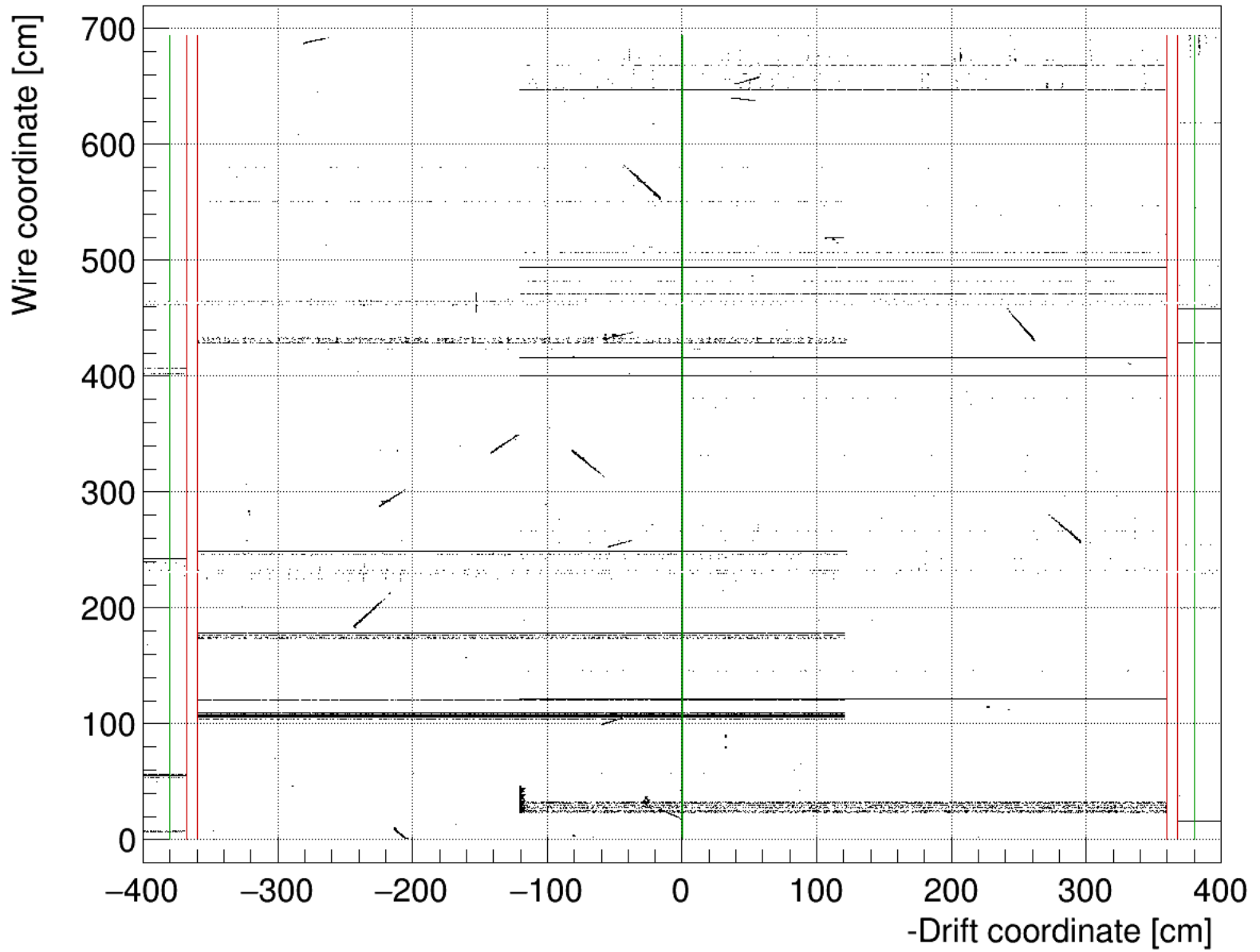
# Raw ADC collection view. Run 4519, event 25.



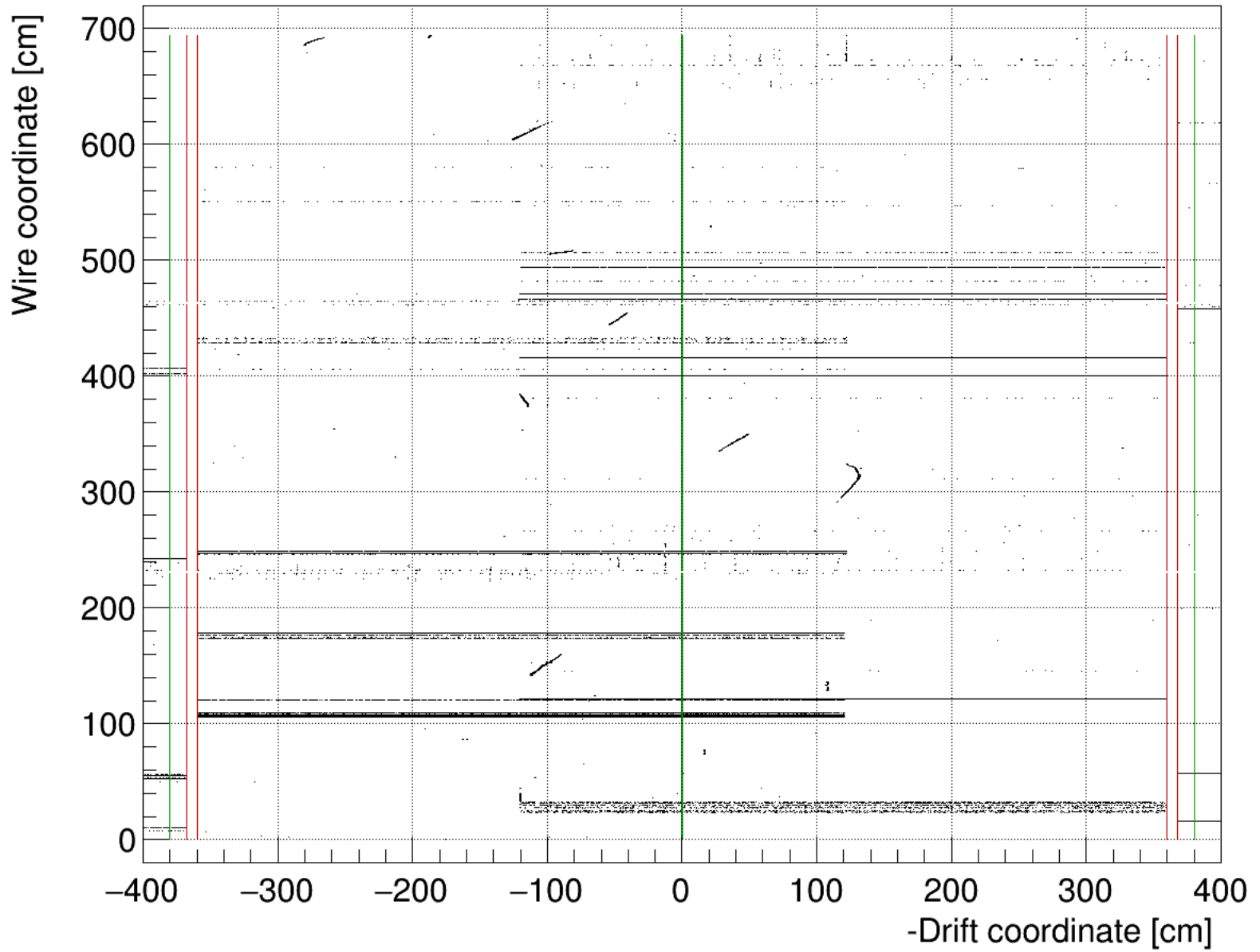
# Raw ADC collection view. Run 4519, event 33.



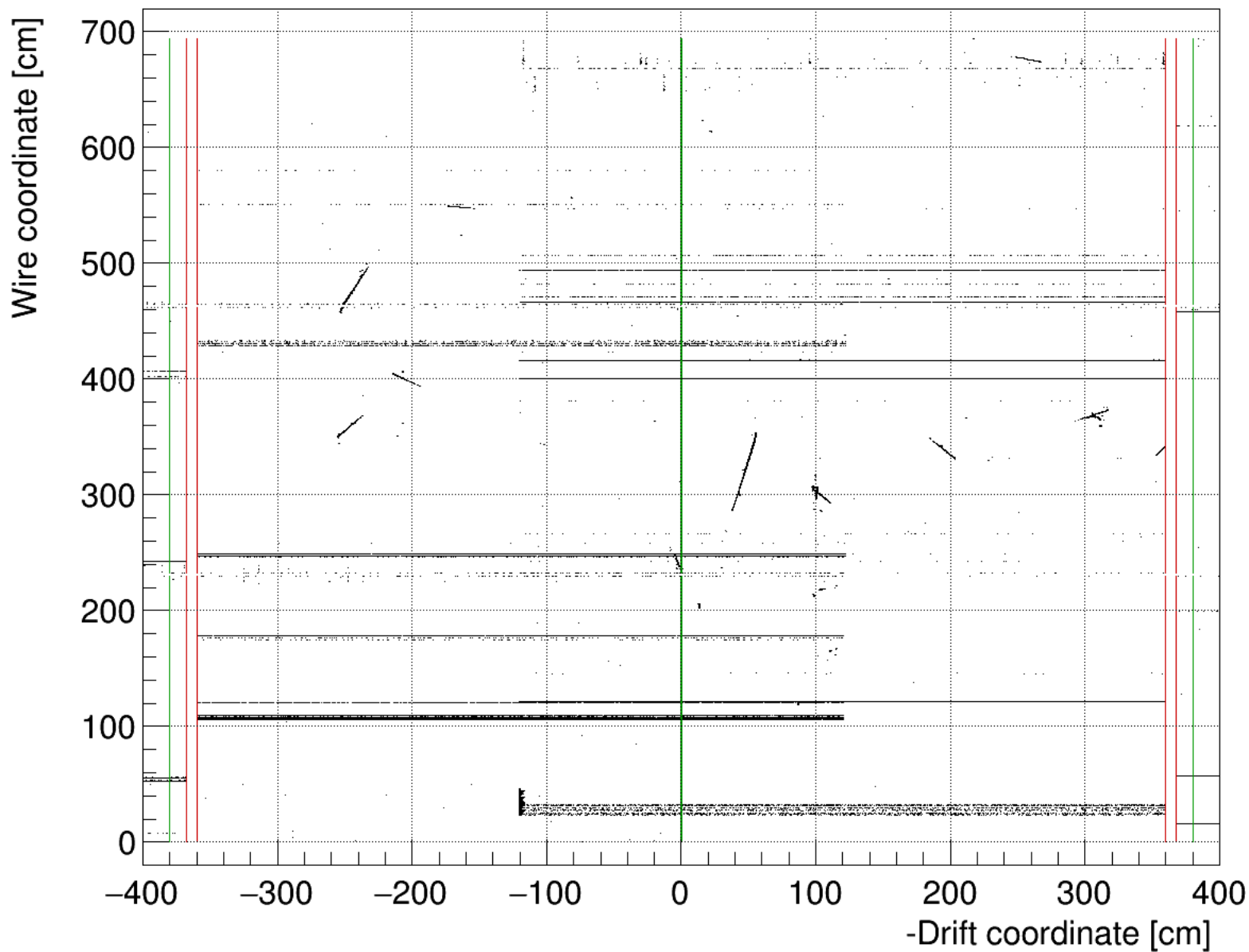
# Raw ADC collection view. Run 4519, event 36.



# Raw ADC collection view. Run 4519, event 37.

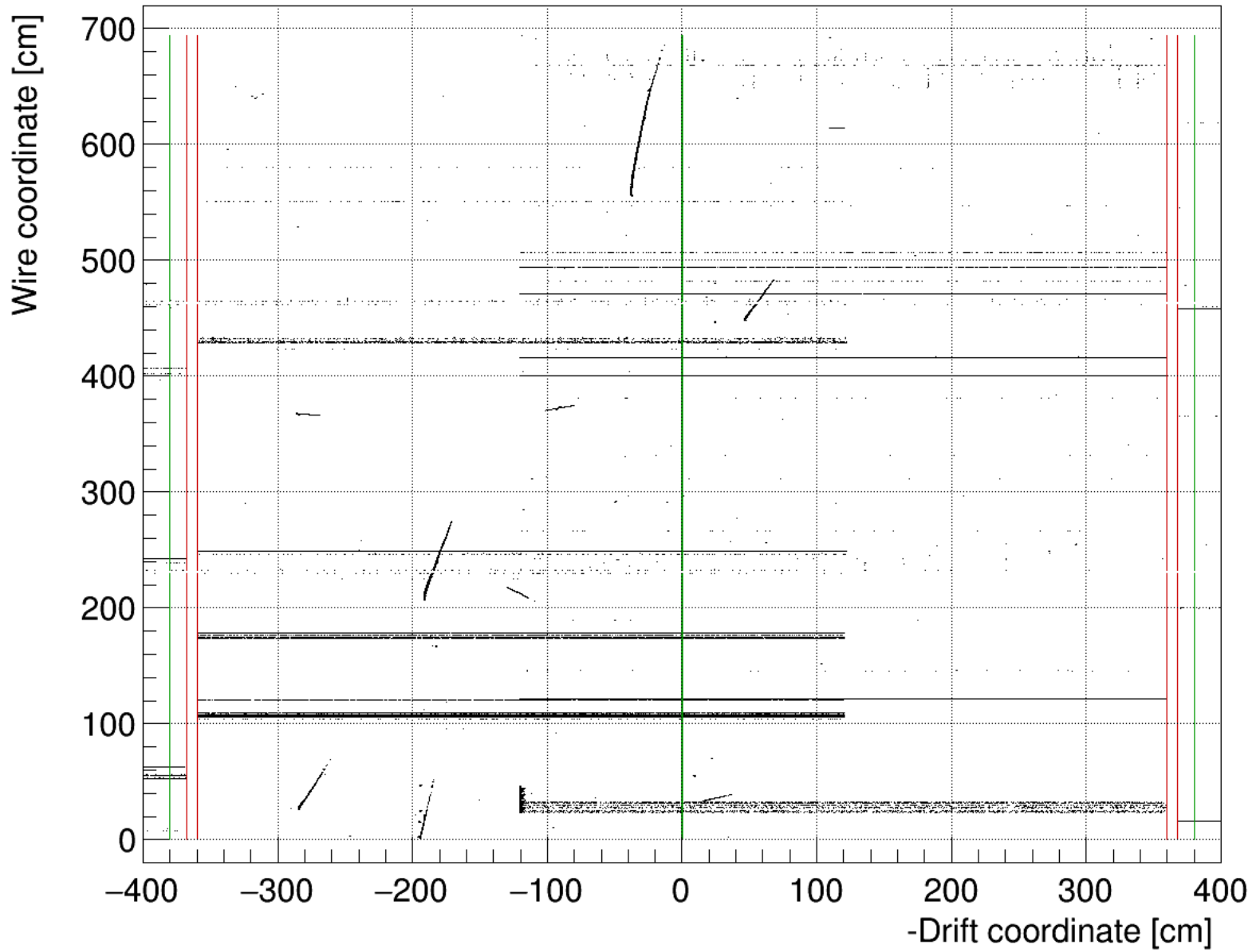


# Raw ADC collection view. Run 4519, event 38.

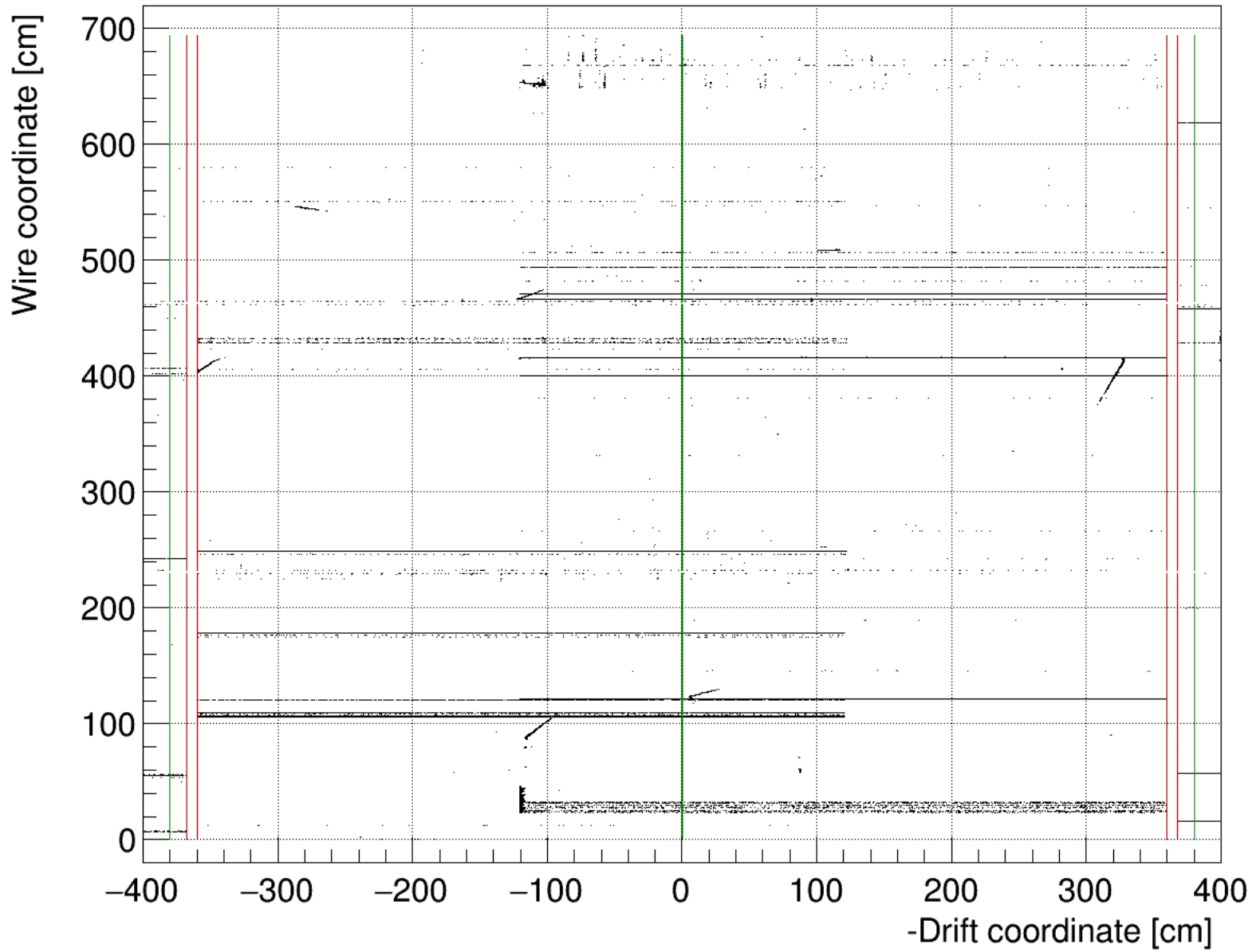




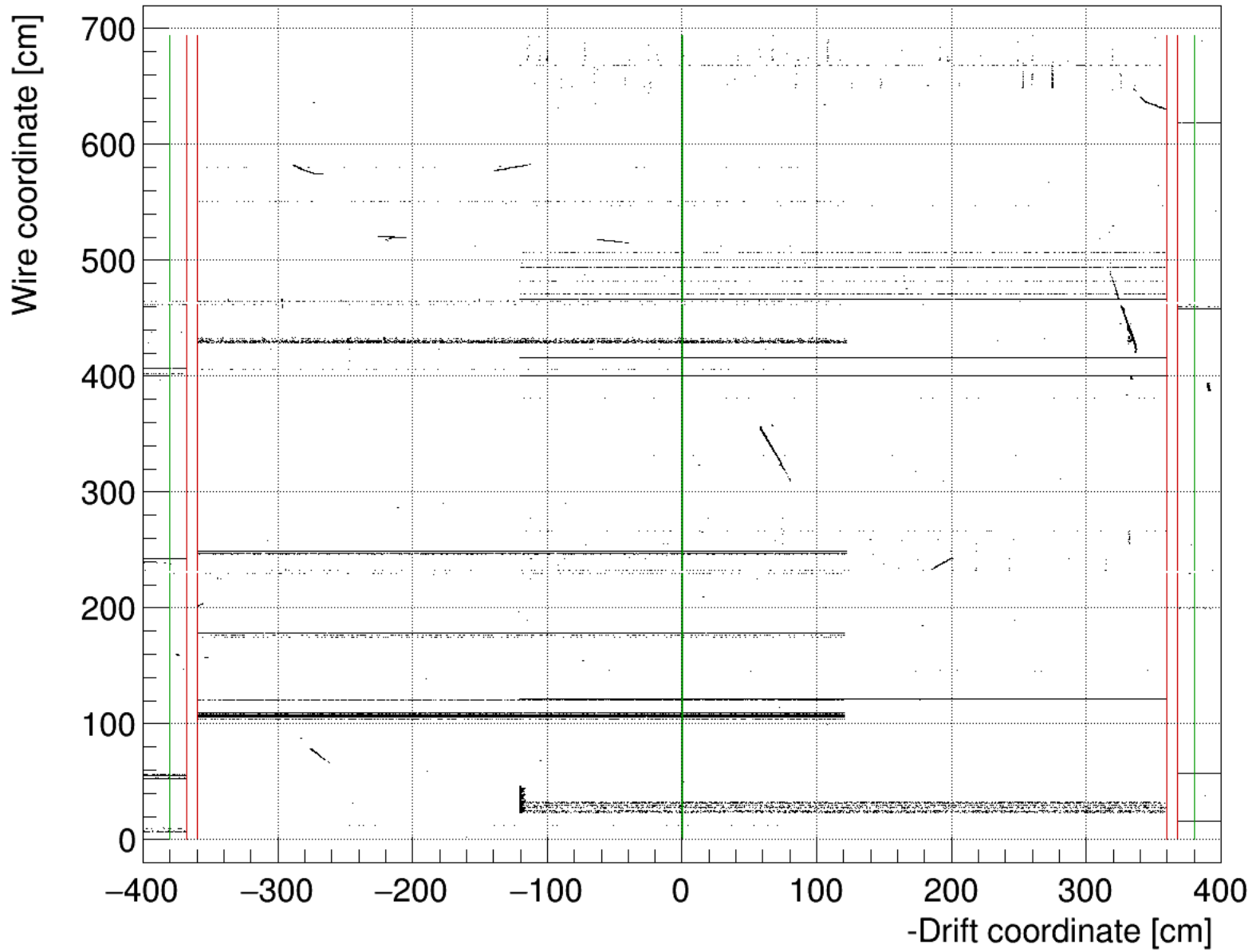
# Raw ADC collection view. Run 4519, event 40.



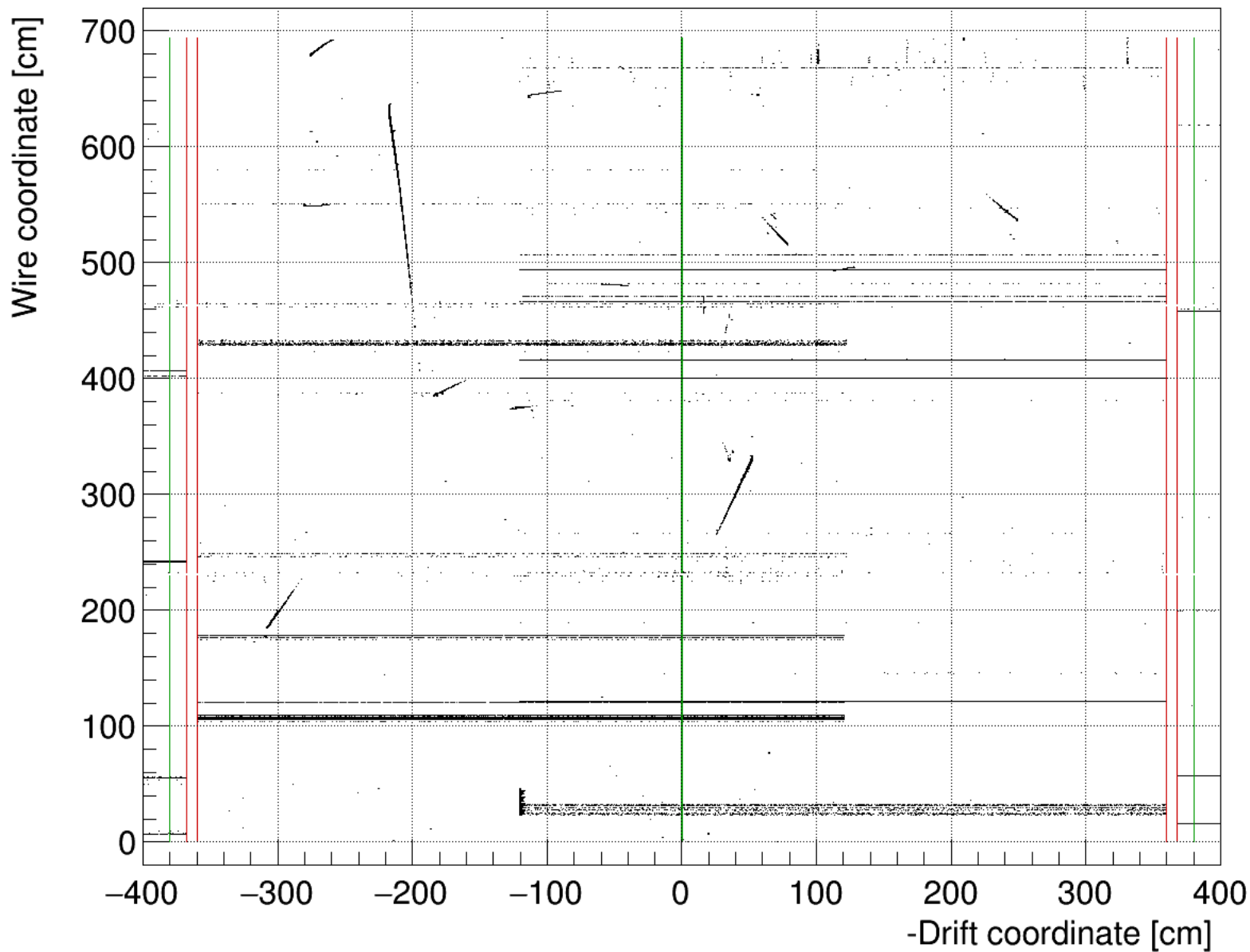
# Raw ADC collection view. Run 4519, event 44.



# Raw ADC collection view. Run 4519, event 47.



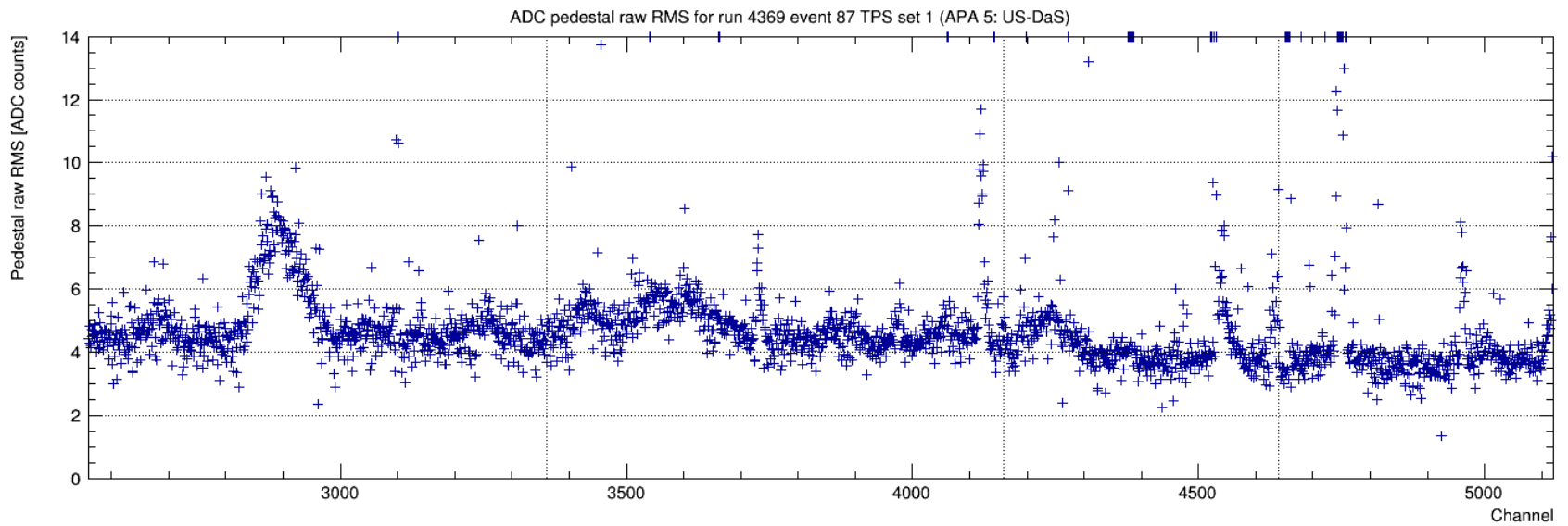
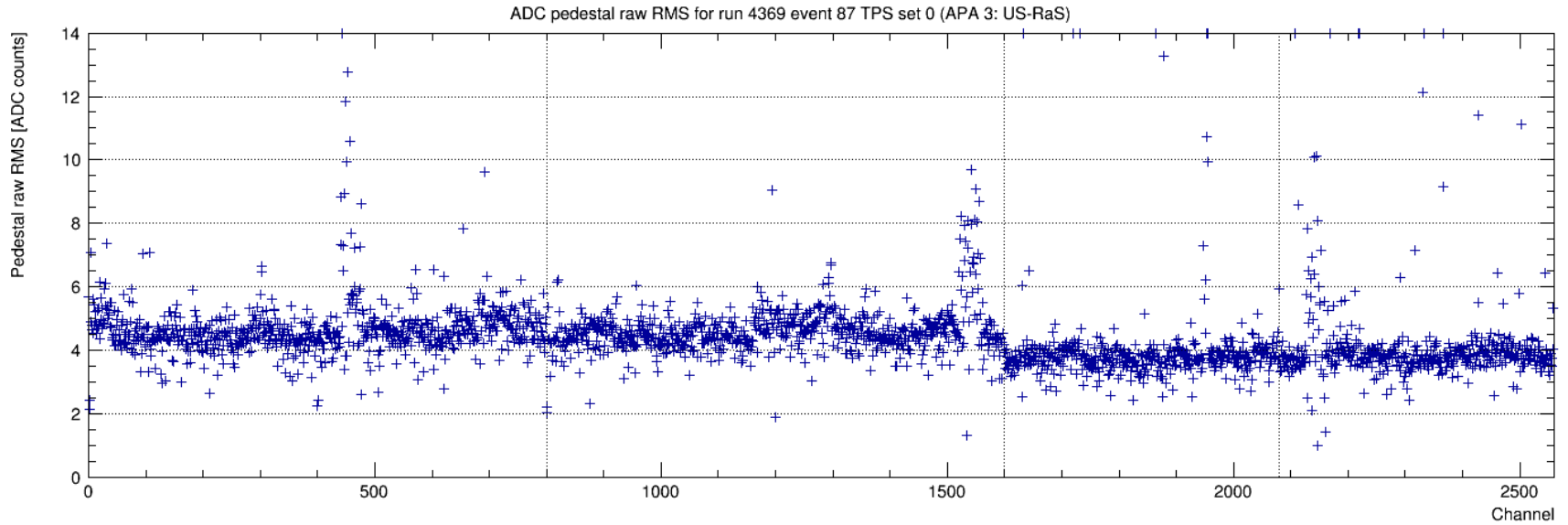
# Raw ADC collection view. Run 4519, event 48.



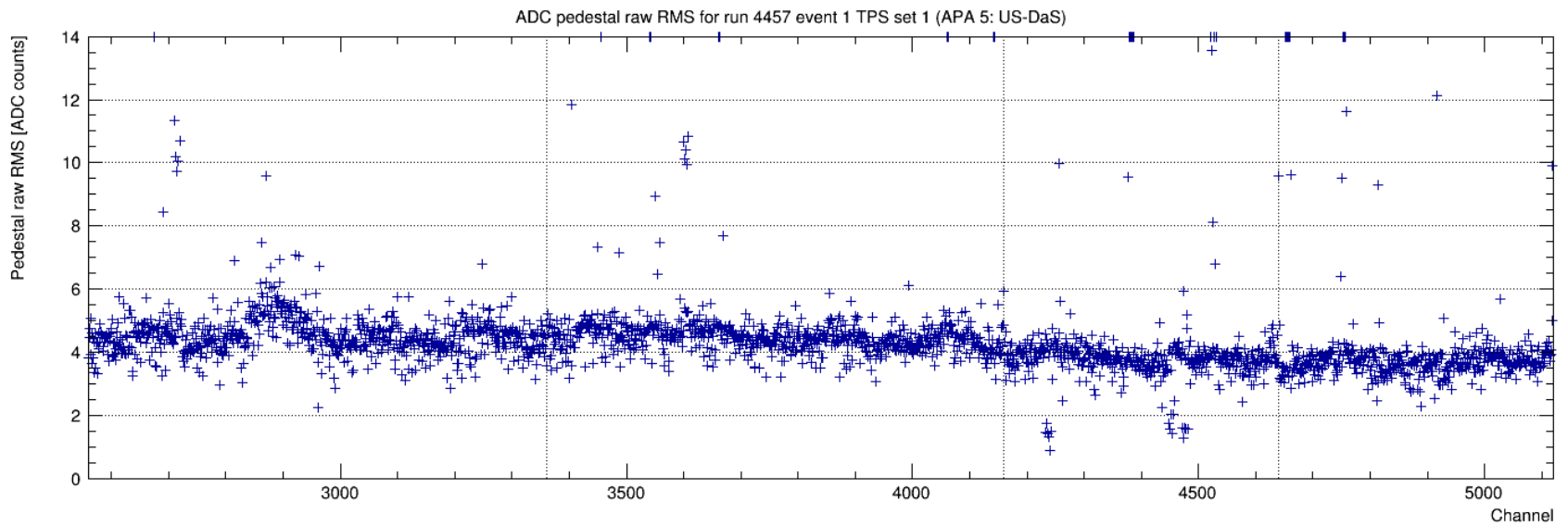
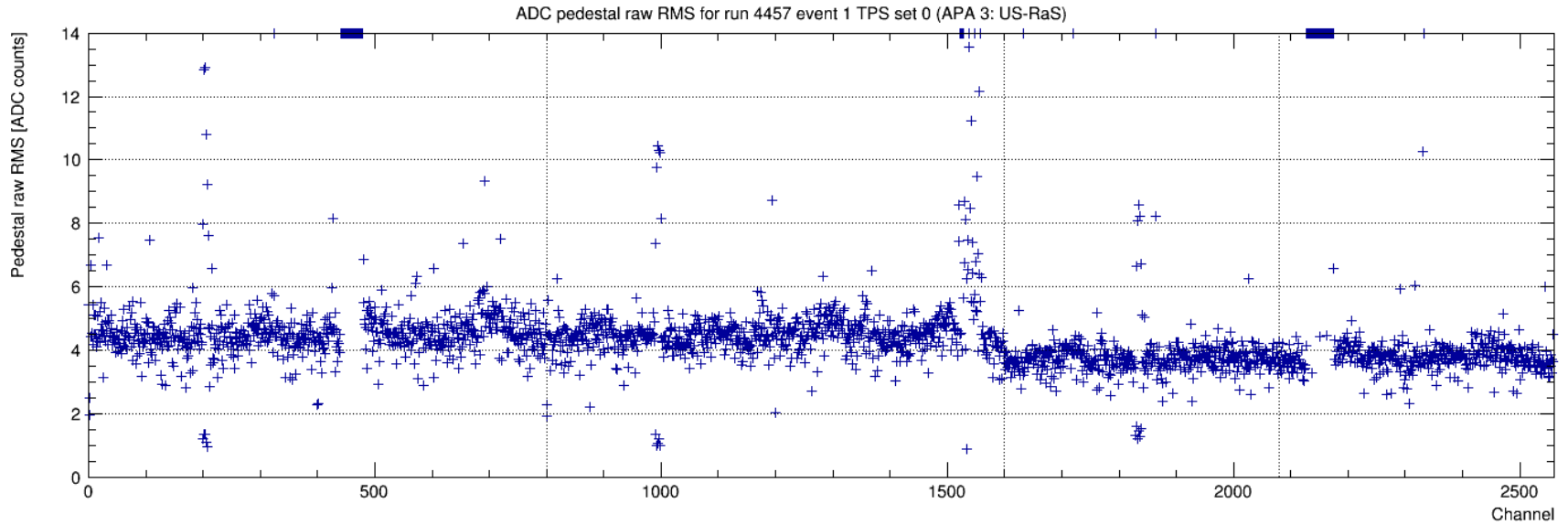
# ADC pedestal RMS

(US unless otherwise marked)

# 4369 (9/14, 170 kV)

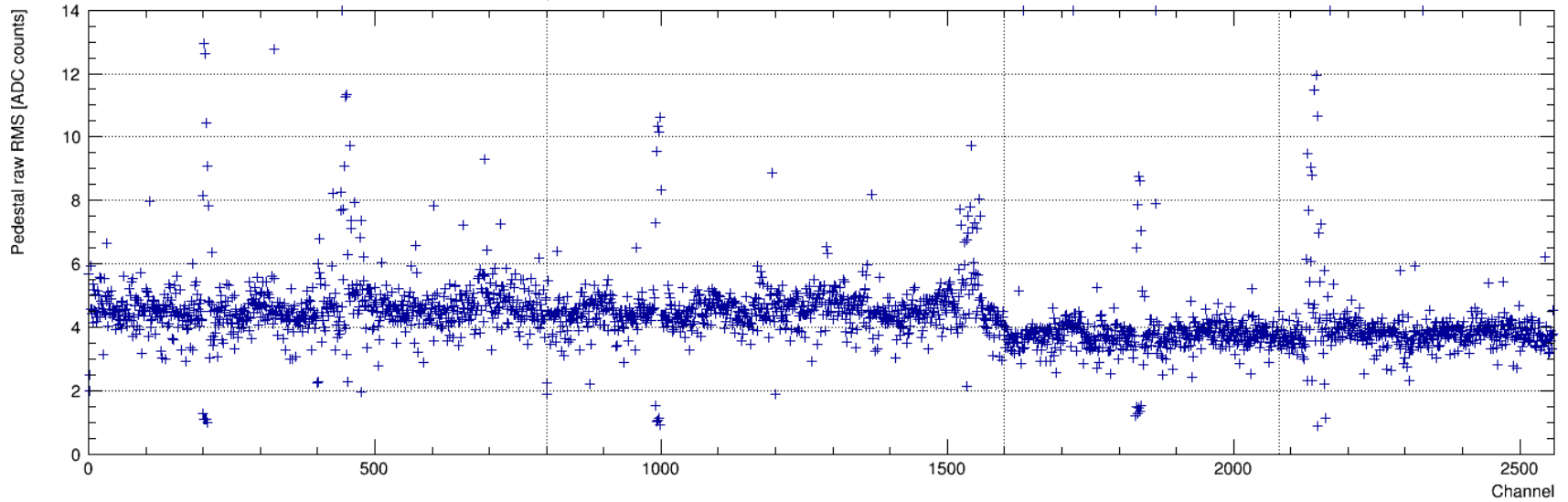


# 4457 (9/18, 10 kV)

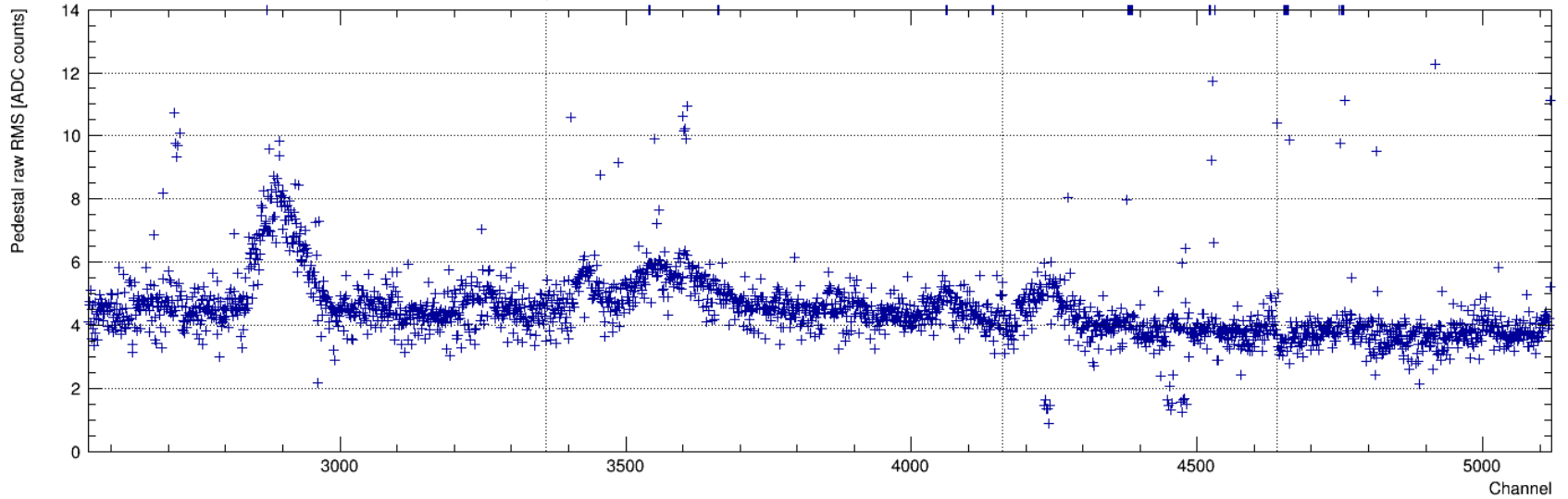


# 4458 (9/18, 40 kV)

ADC pedestal raw RMS for run 4458 event 141 TPS set 0 (APA 3: US-RaS)

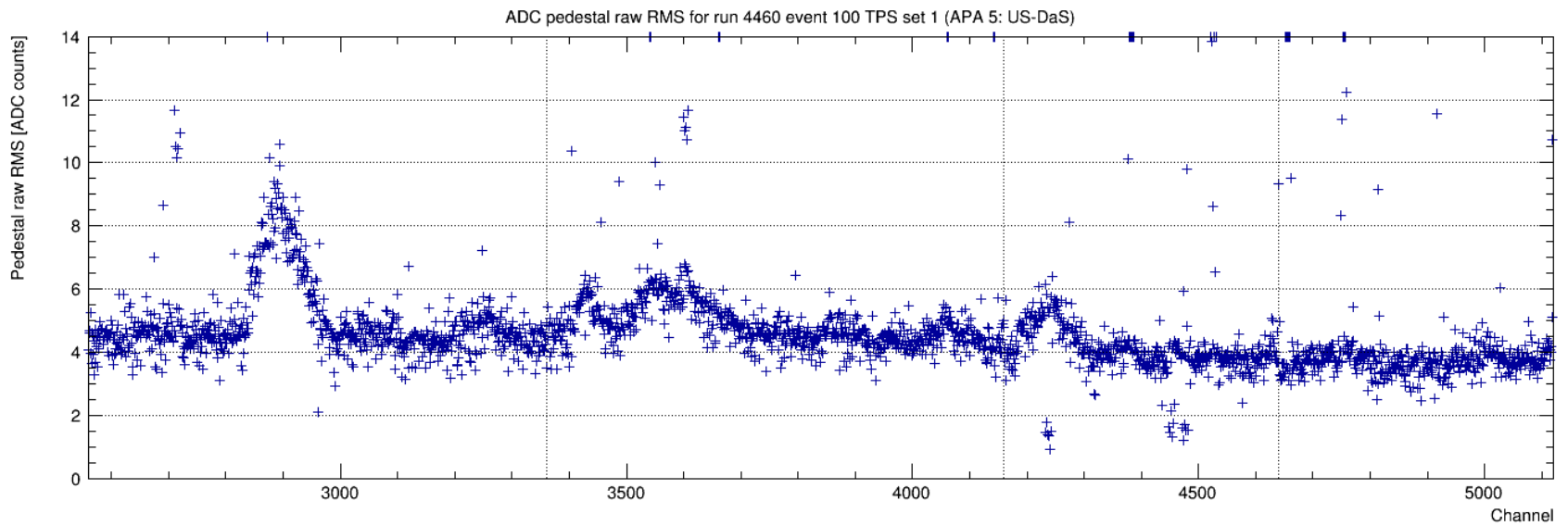
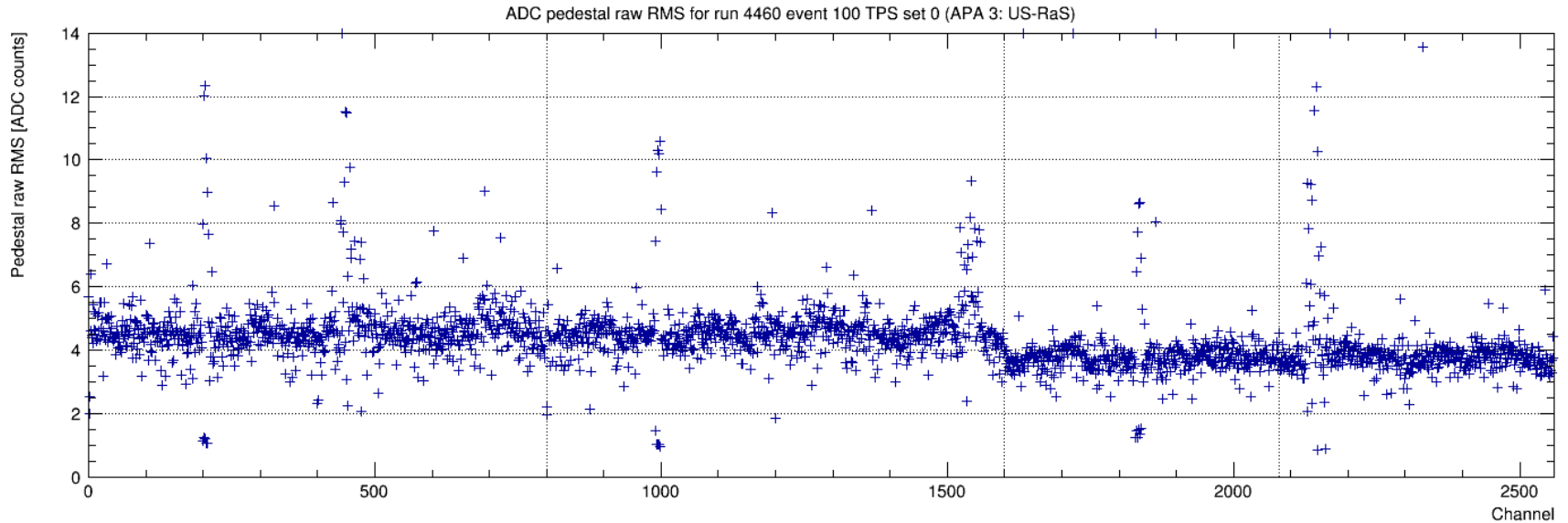


ADC pedestal raw RMS for run 4458 event 141 TPS set 1 (APA 5: US-DaS)

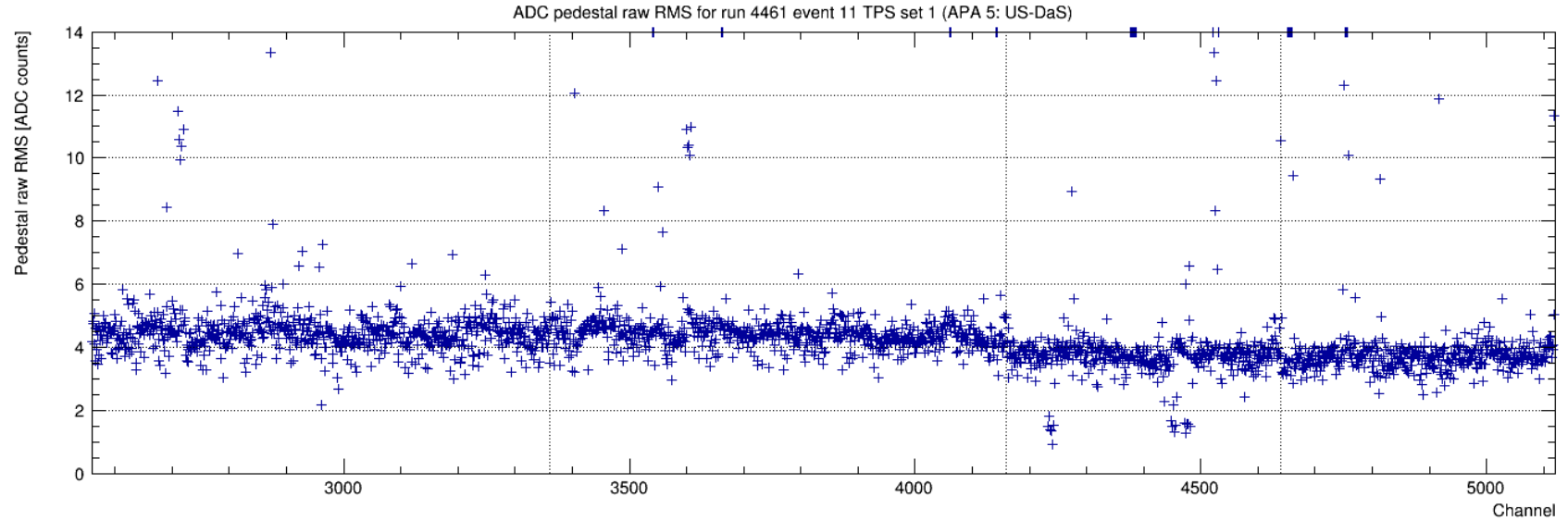
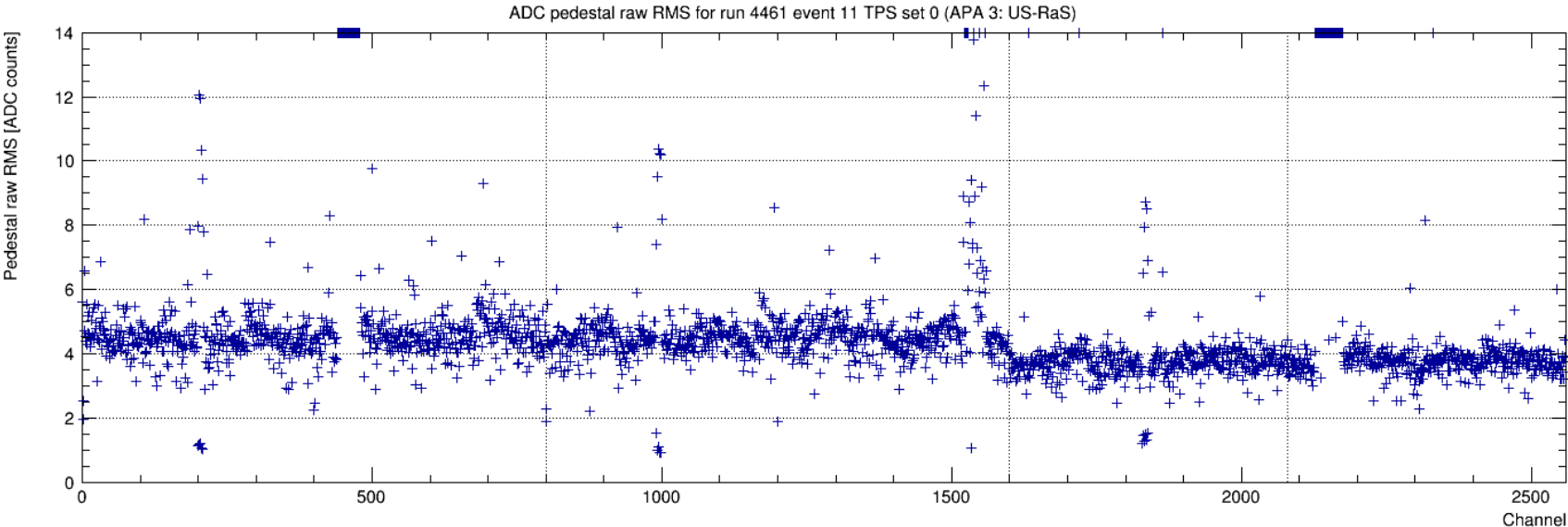




# 4460 (9/18, 40 kV again)

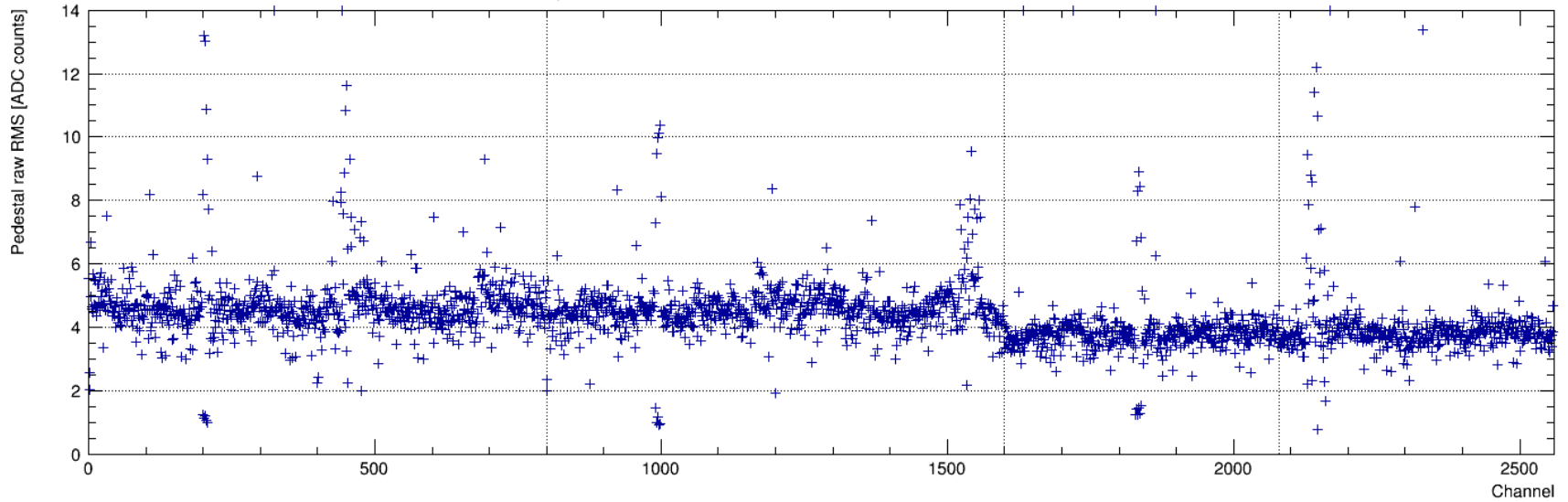


# 4461 (9/18, HV off)

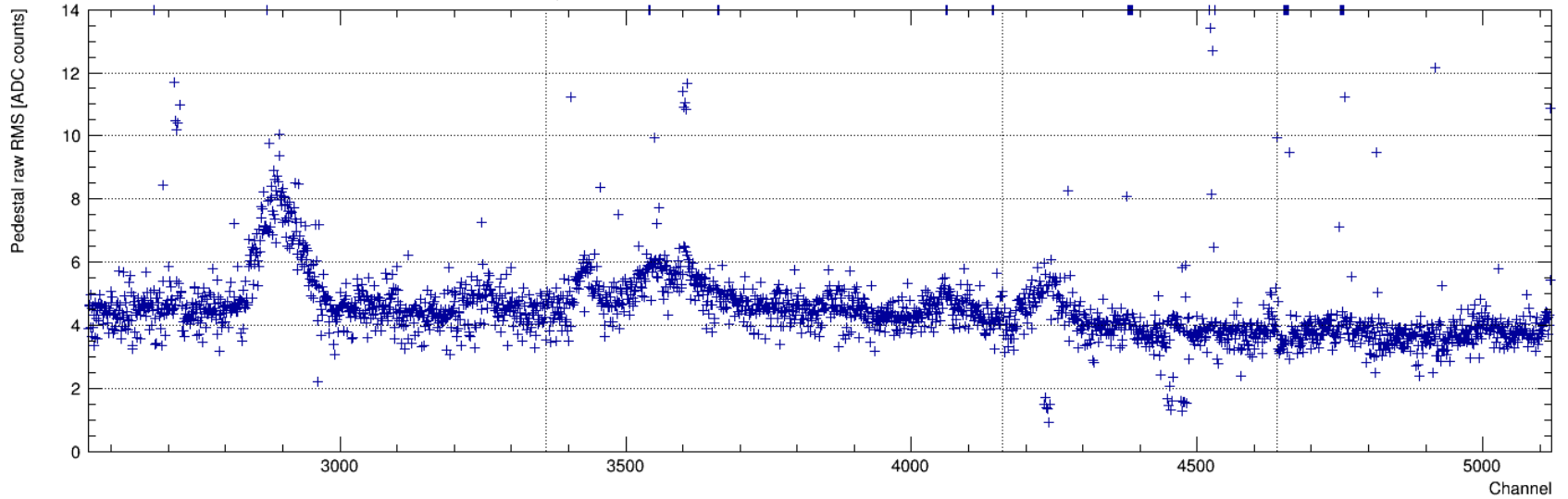


# 4462 (9/18, 60 kV)

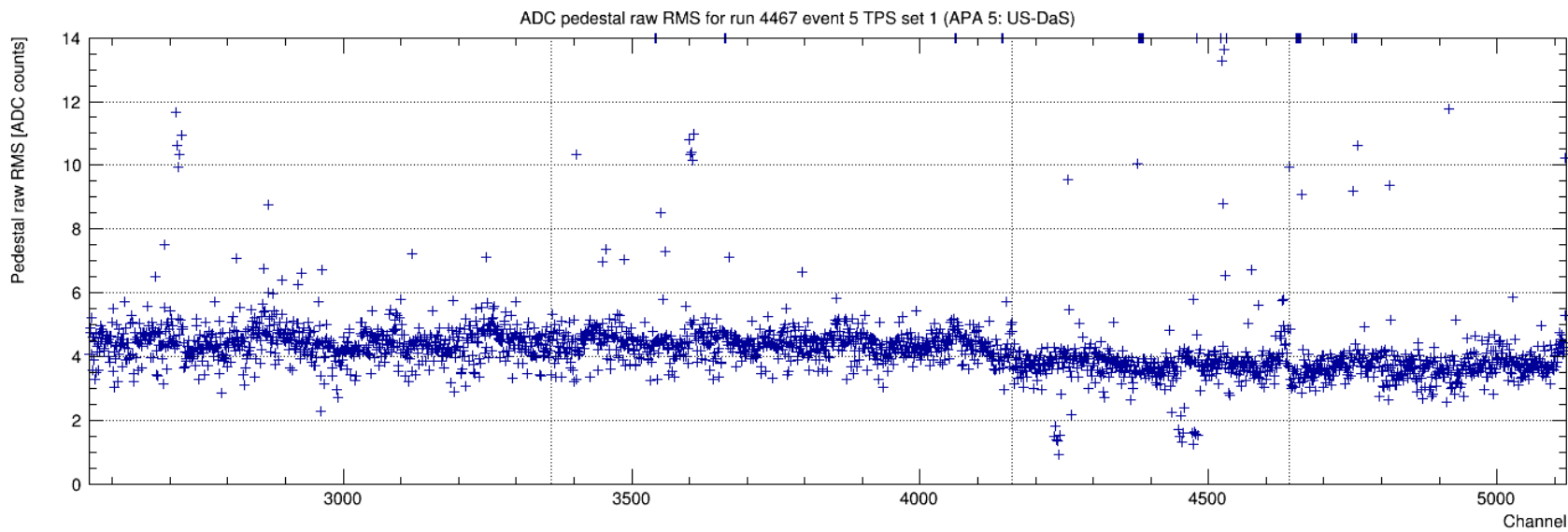
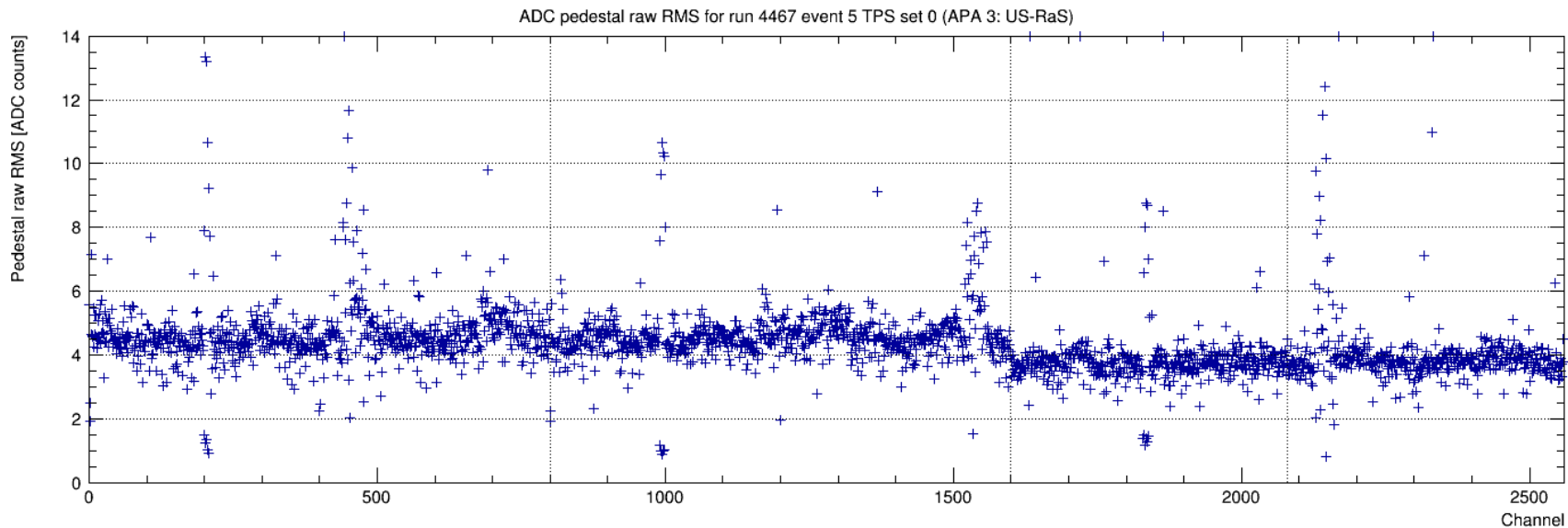
ADC pedestal raw RMS for run 4462 event 2 TPS set 0 (APA 3: US-RaS)



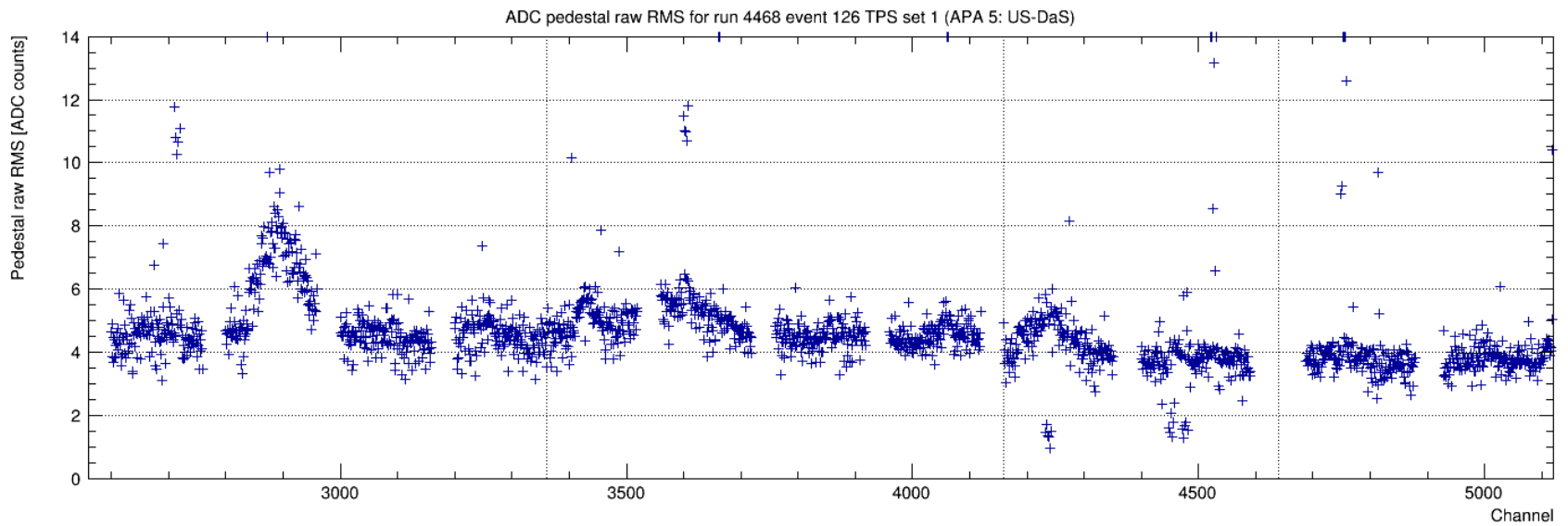
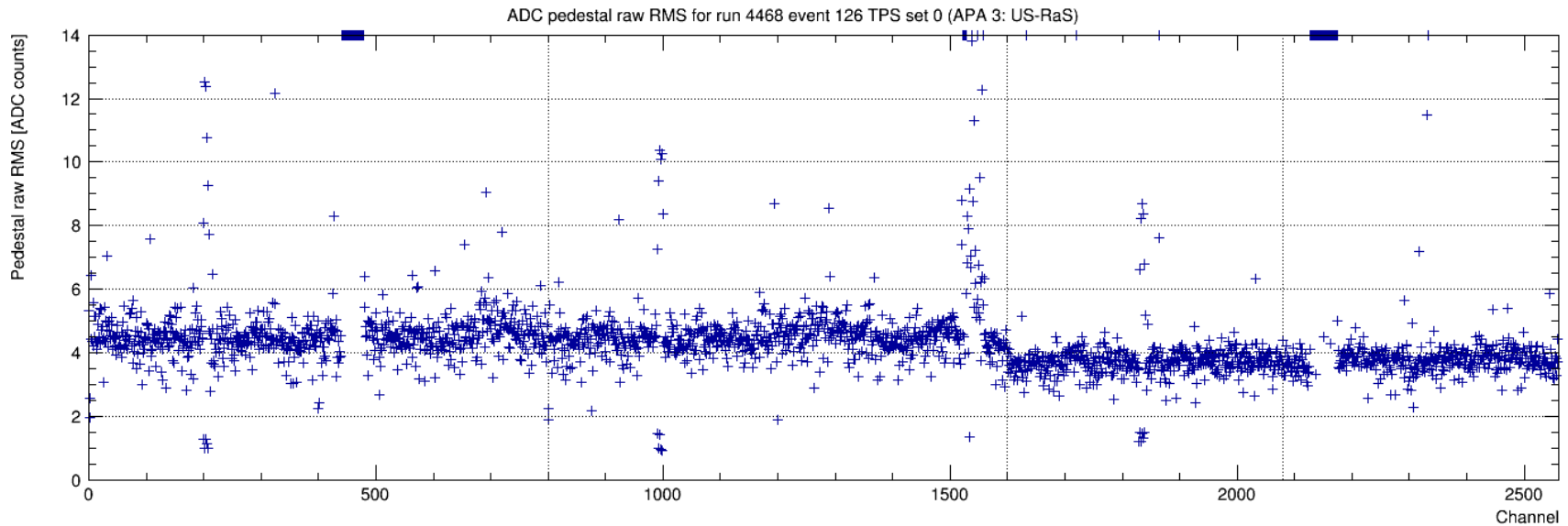
ADC pedestal raw RMS for run 4462 event 2 TPS set 1 (APA 5: US-DaS)



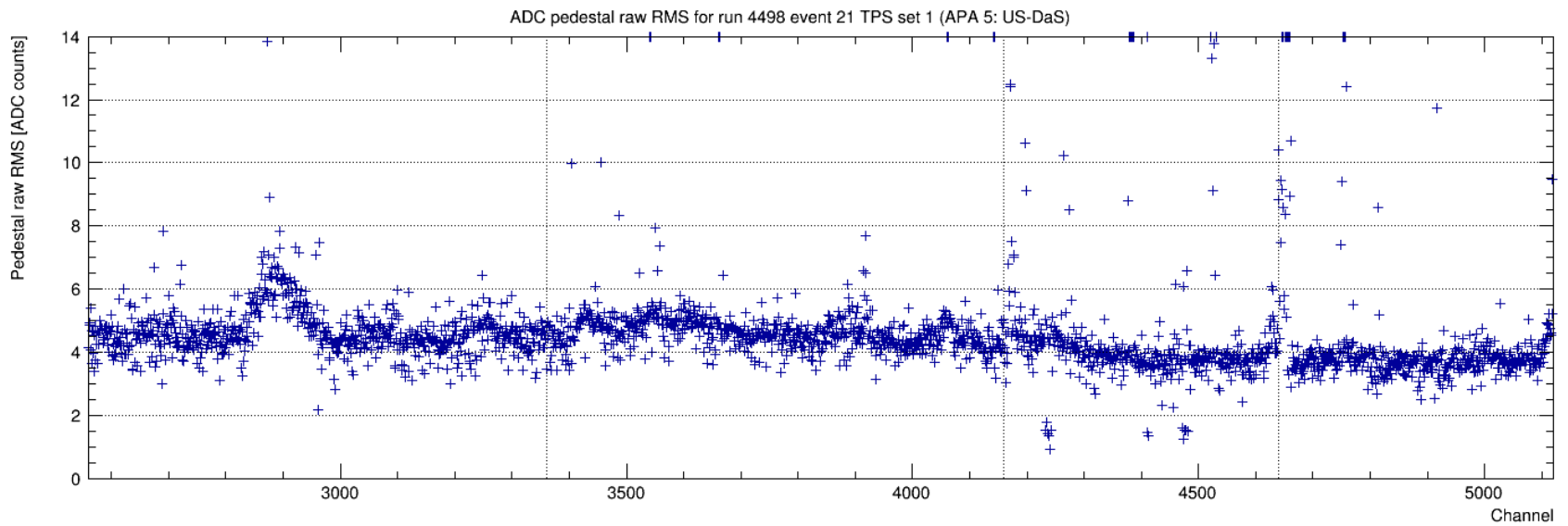
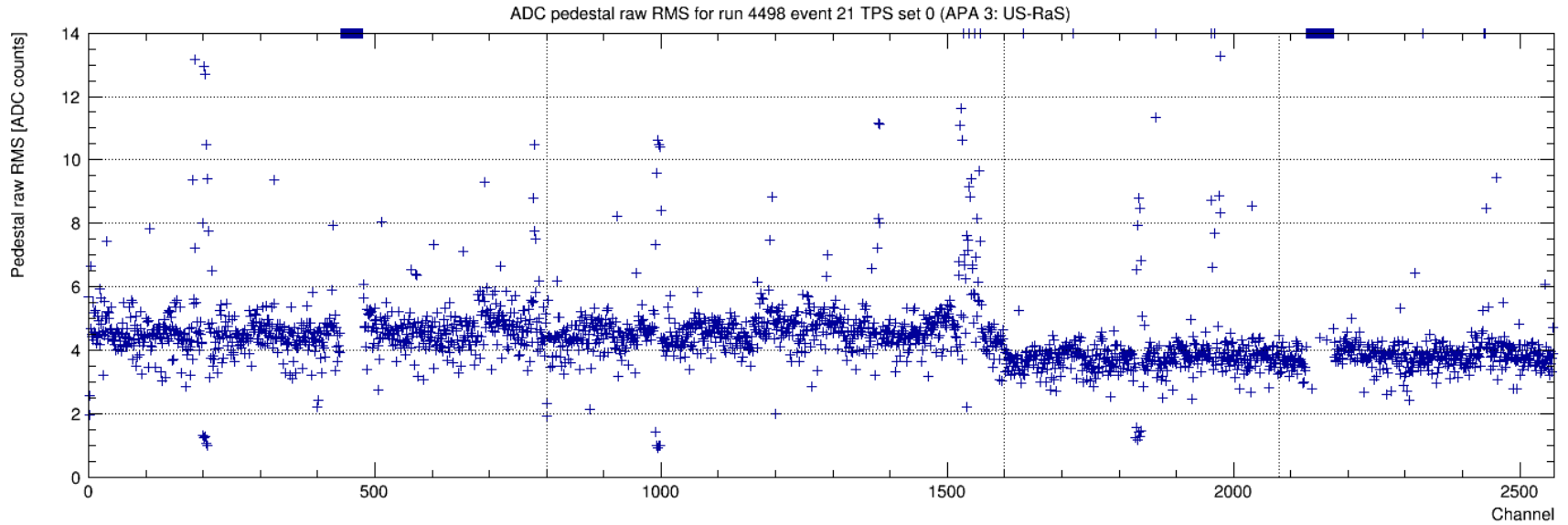
# Run 4467 (9/19, HV off, lights on, PD off)



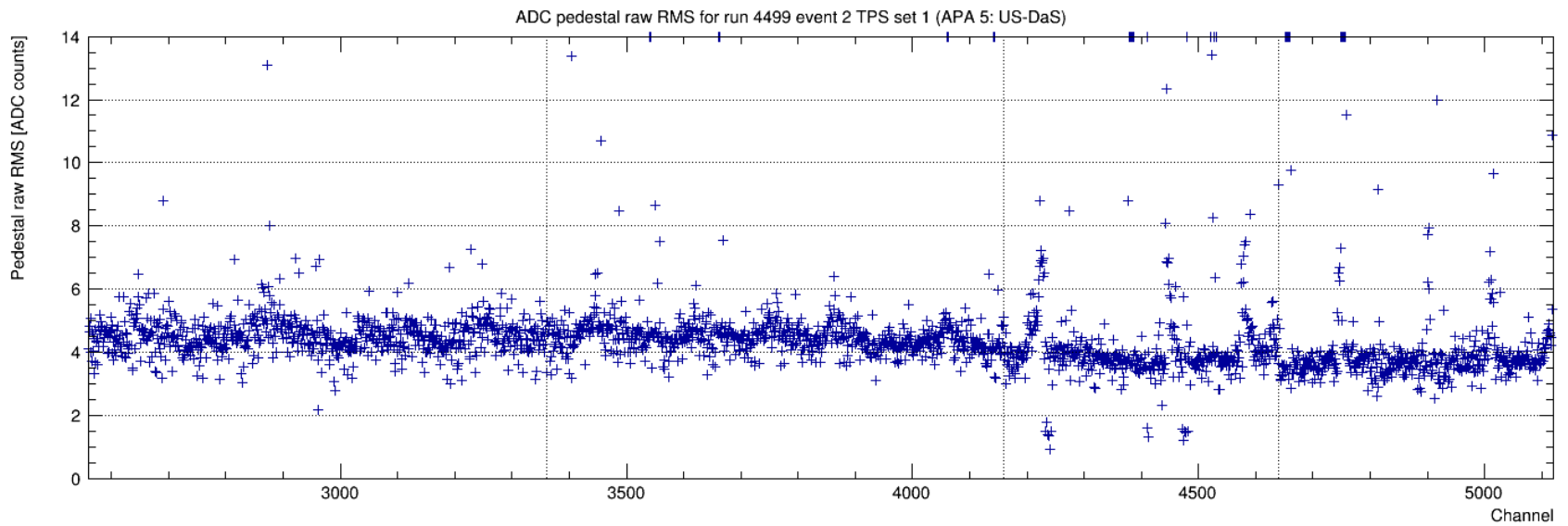
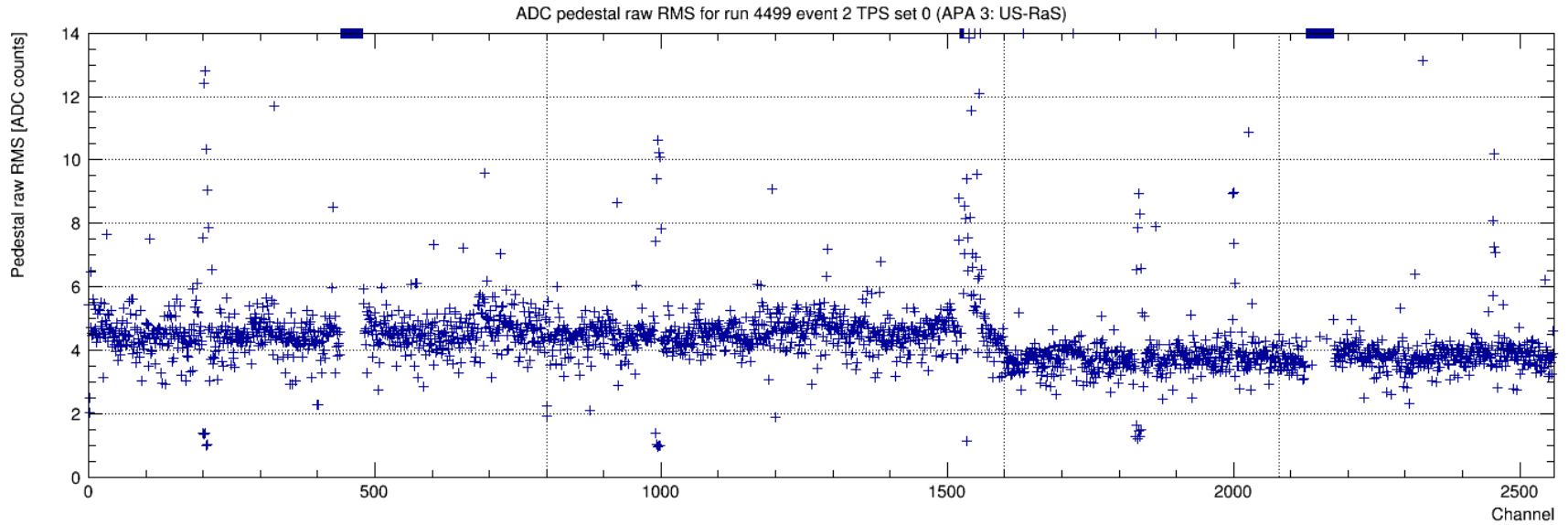
# Run 4468 (9/19, HV off, lights off, PD on)



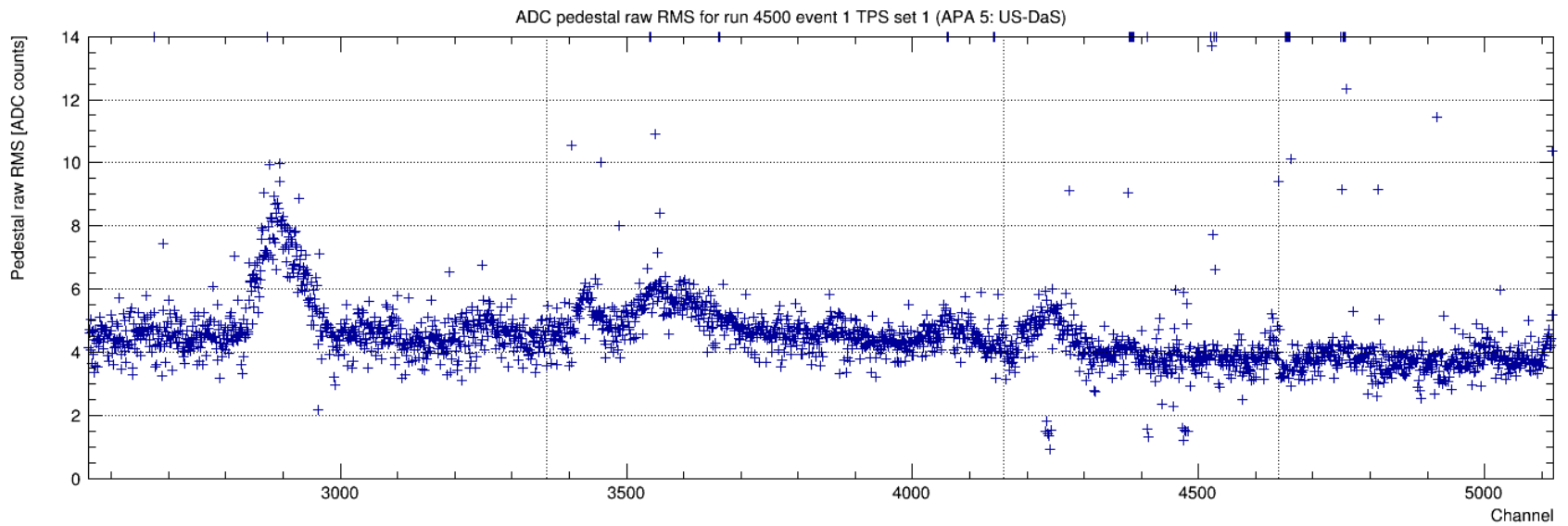
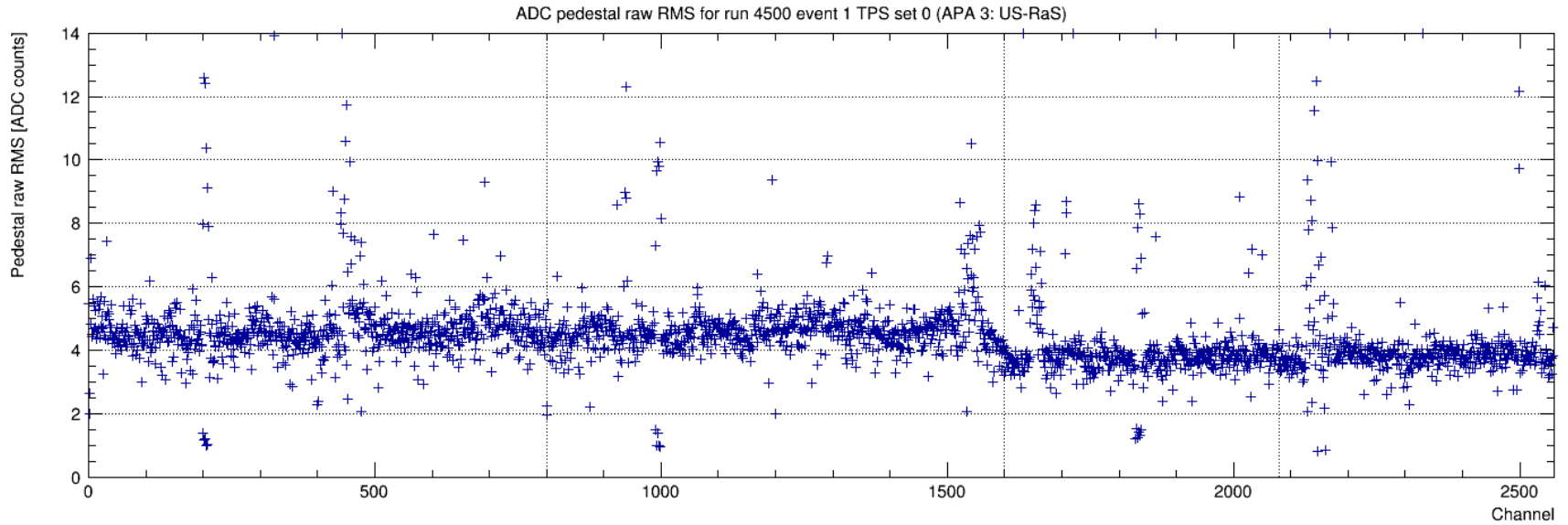
# Run 4498 (9/19, 60 kV)



# Run 4499 (9/19, 90 kV)

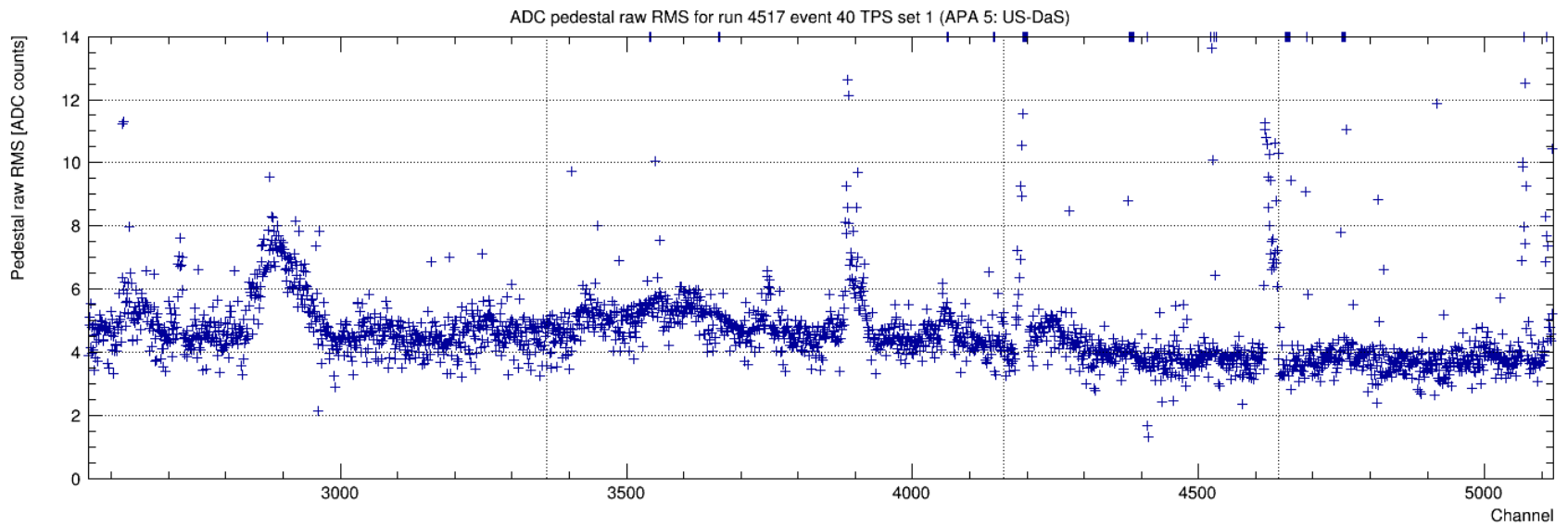
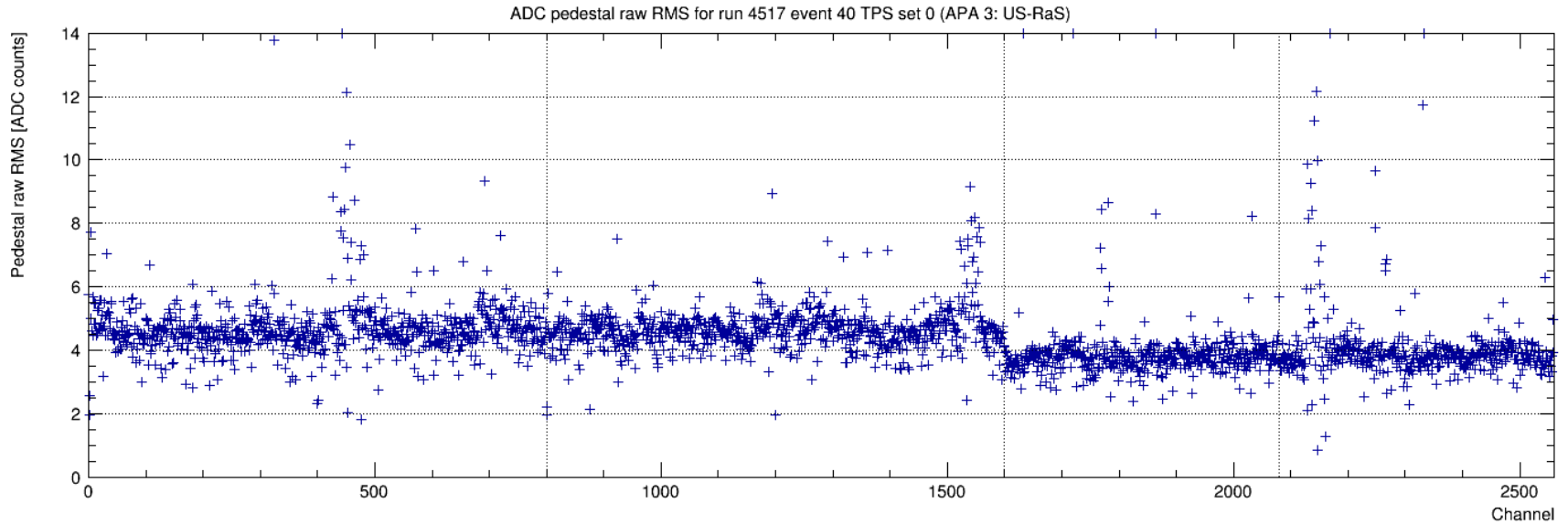


# Run 4500 (9/19, 120 kV)

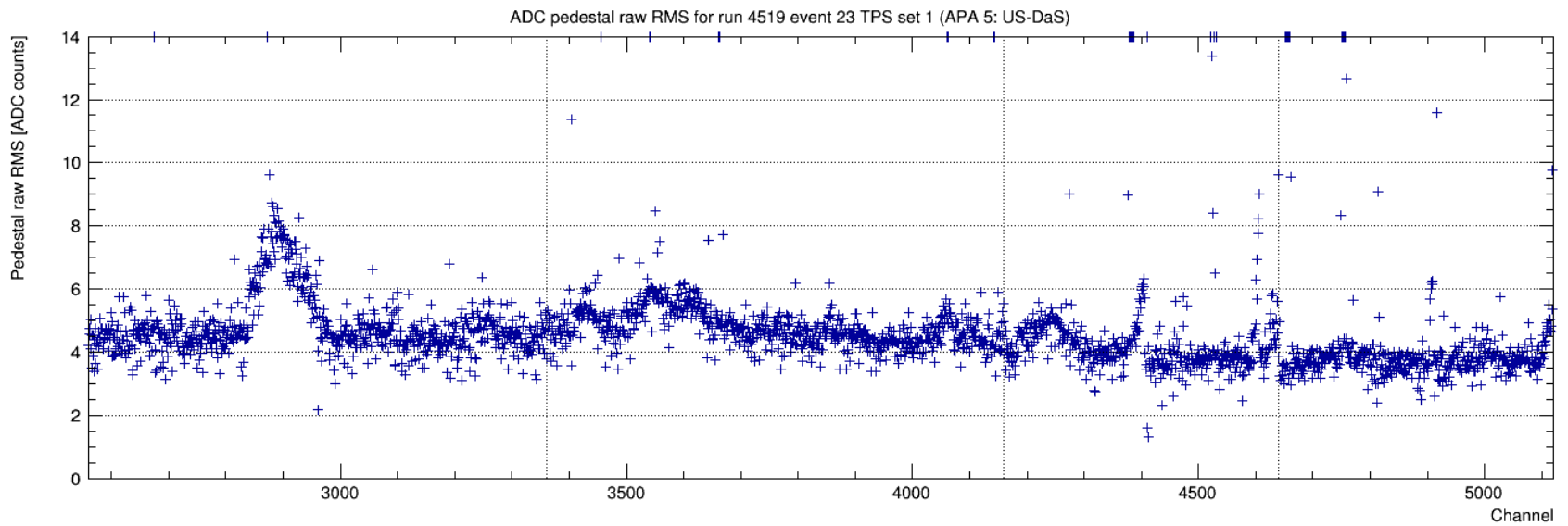
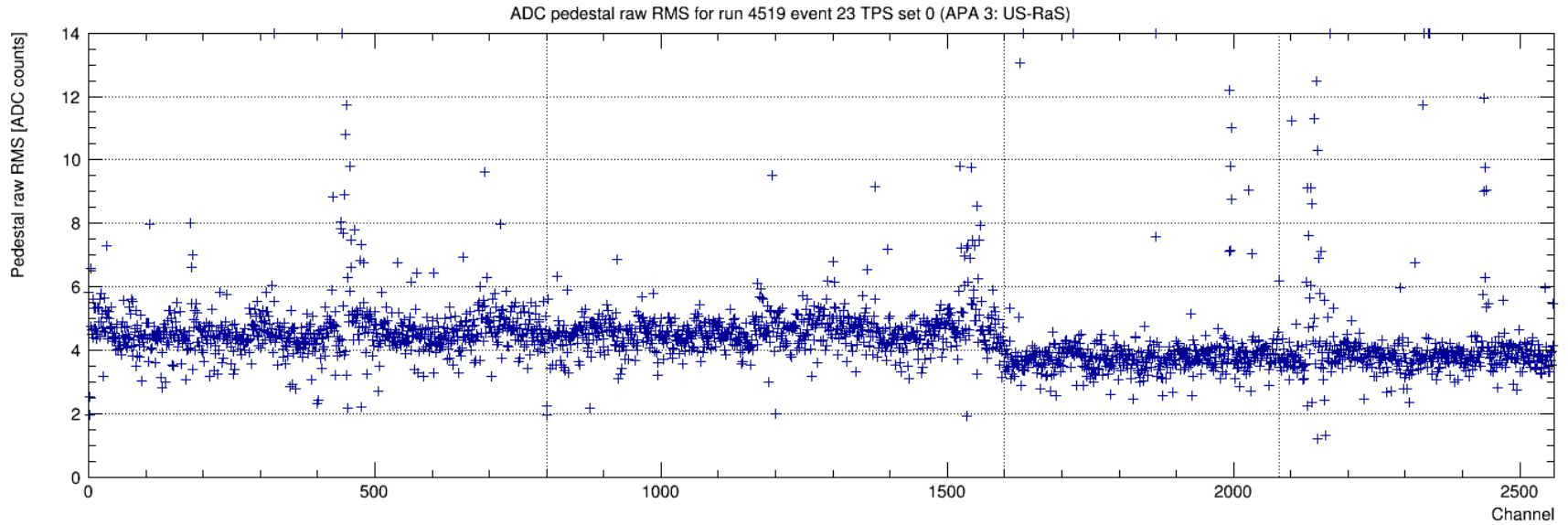




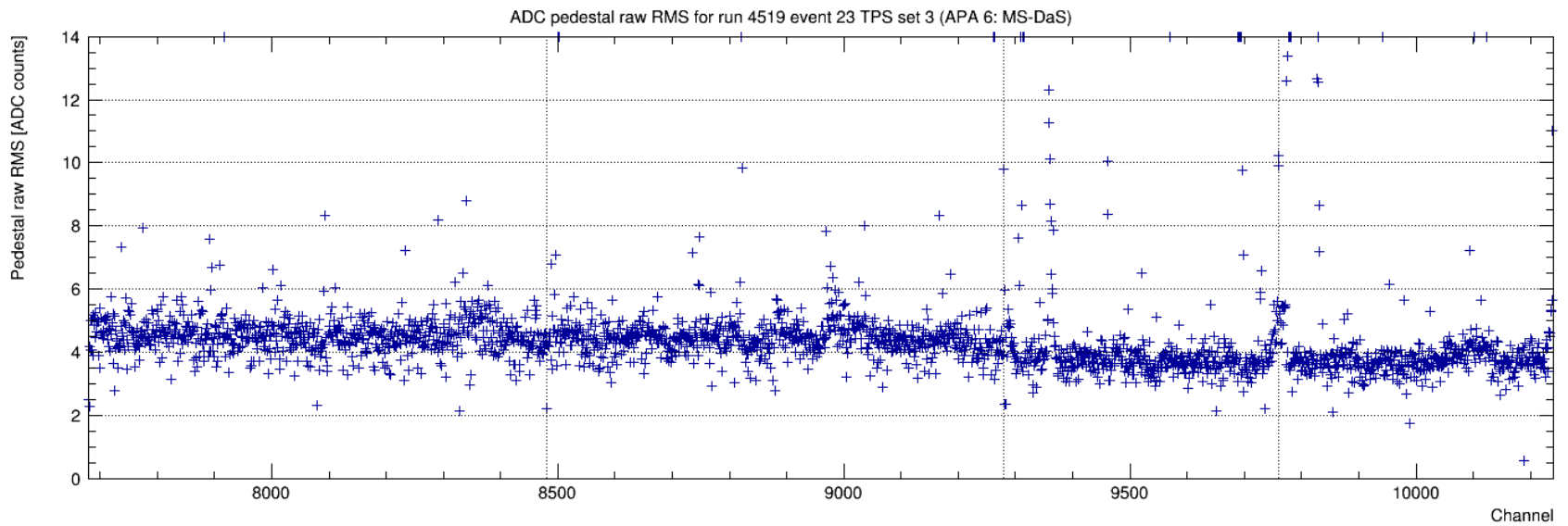
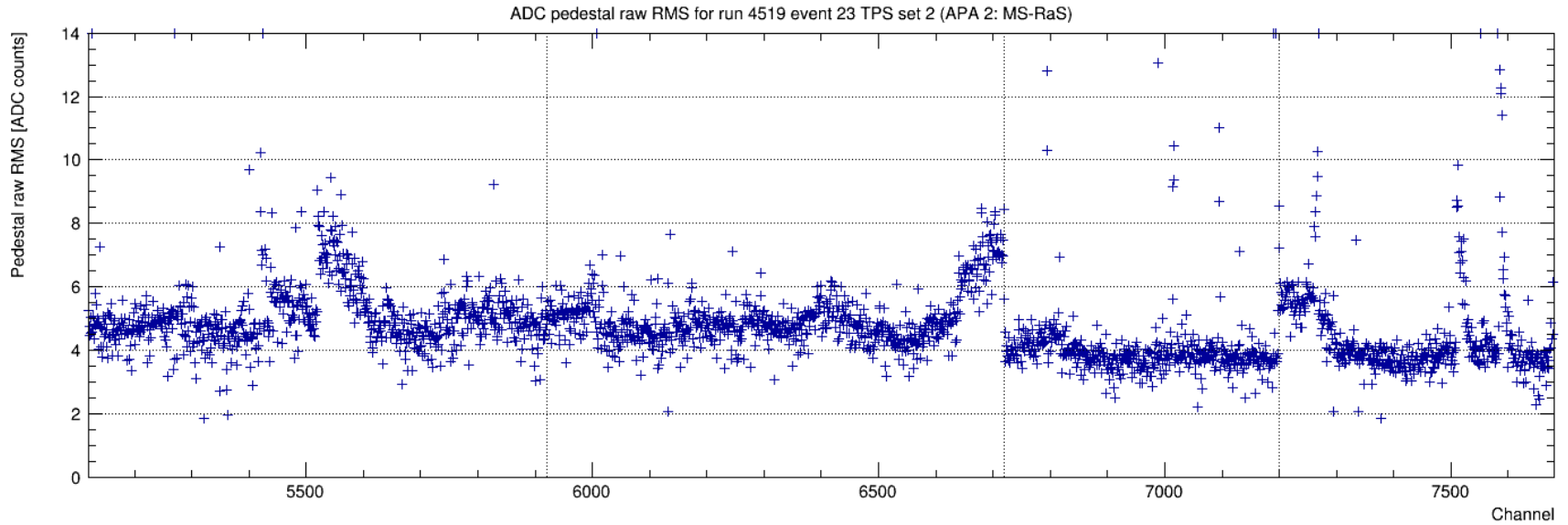
# Run 4517 (9/20, 140 kV)



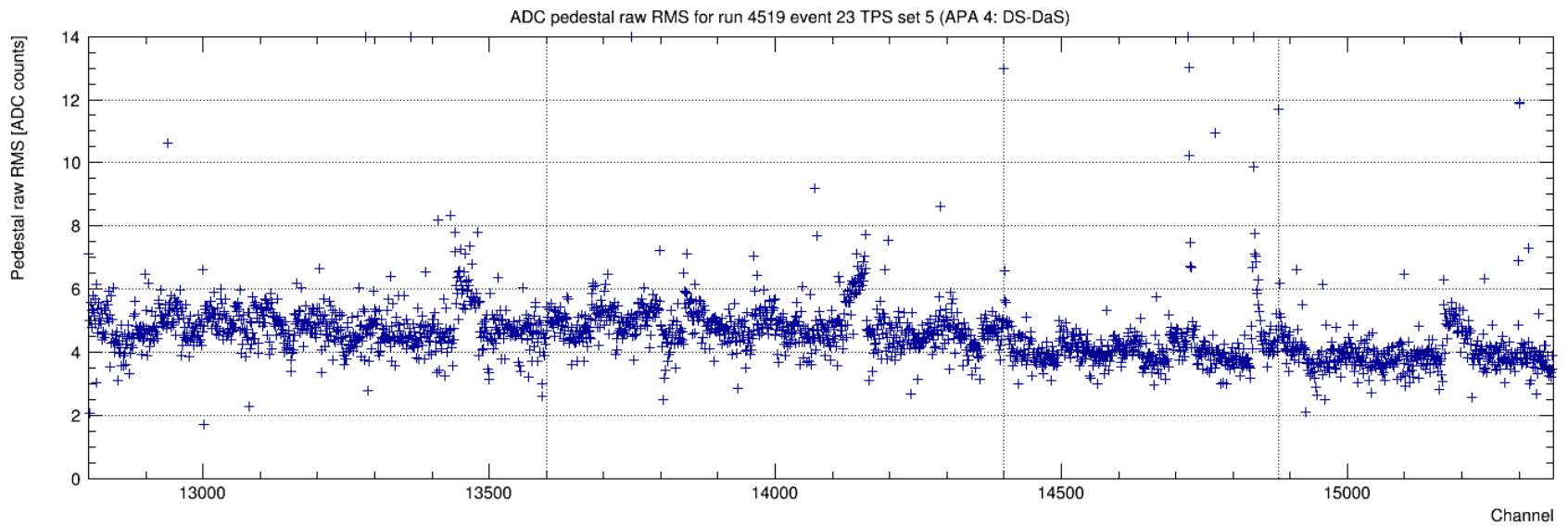
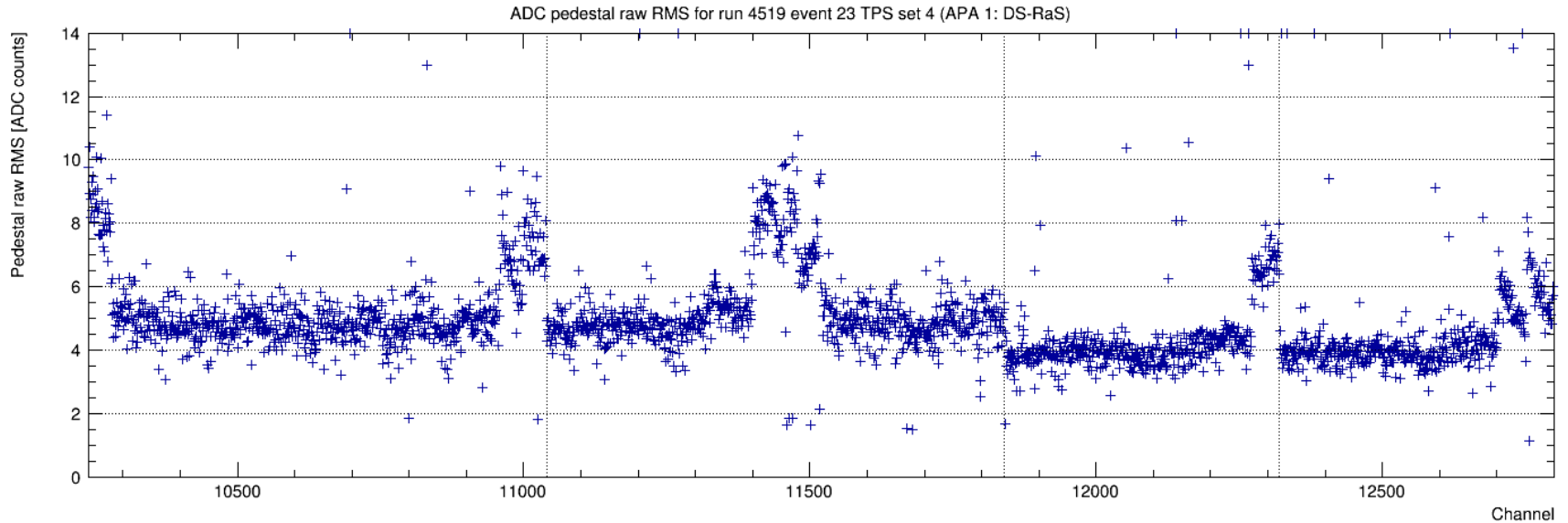
# Run 4519 (9/20, 160 kV)



# Run 4519 MS (9/20, 160 kV)

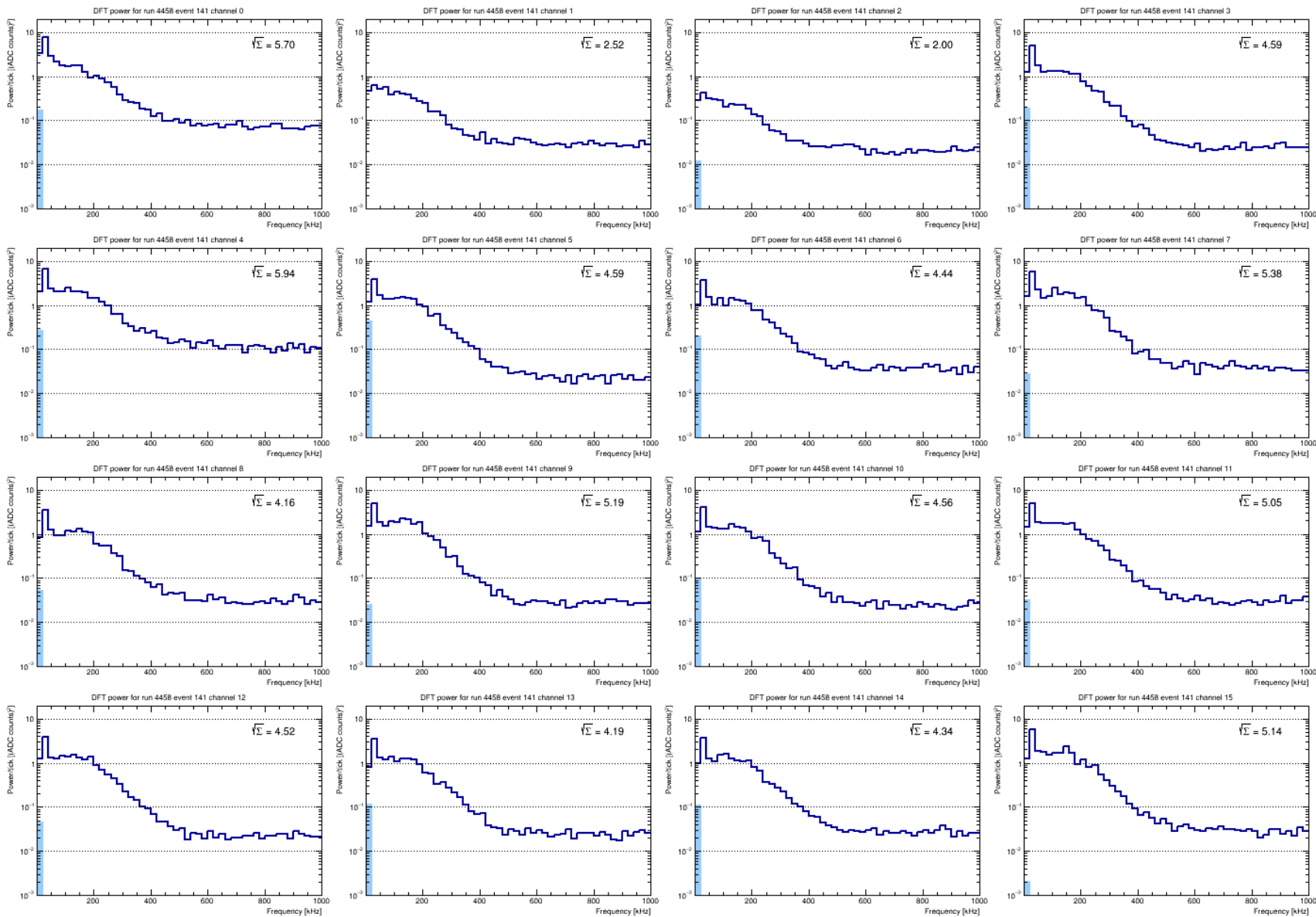


# Run 4519 DS (9/20, 160 kV)

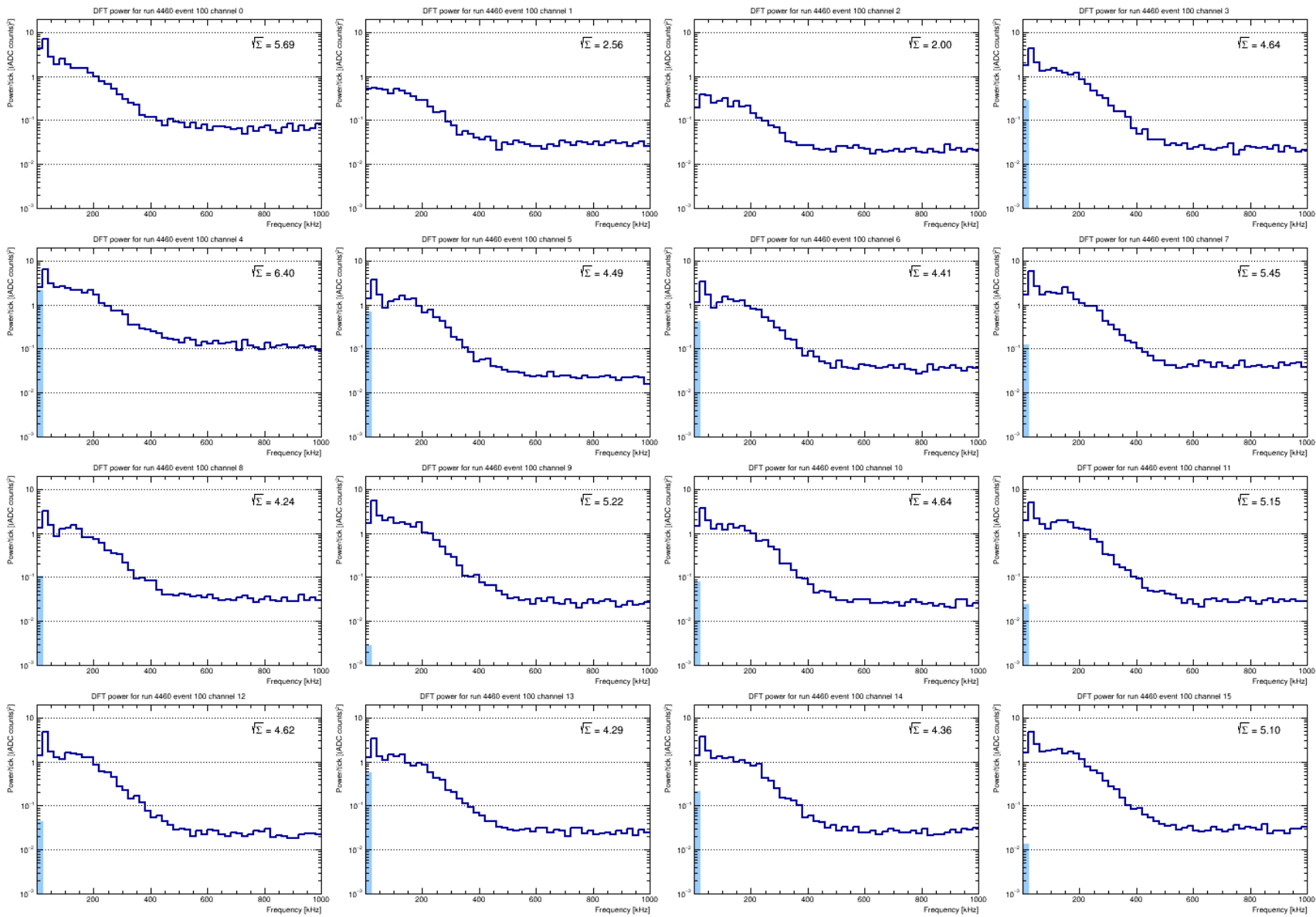


# DFT spectra

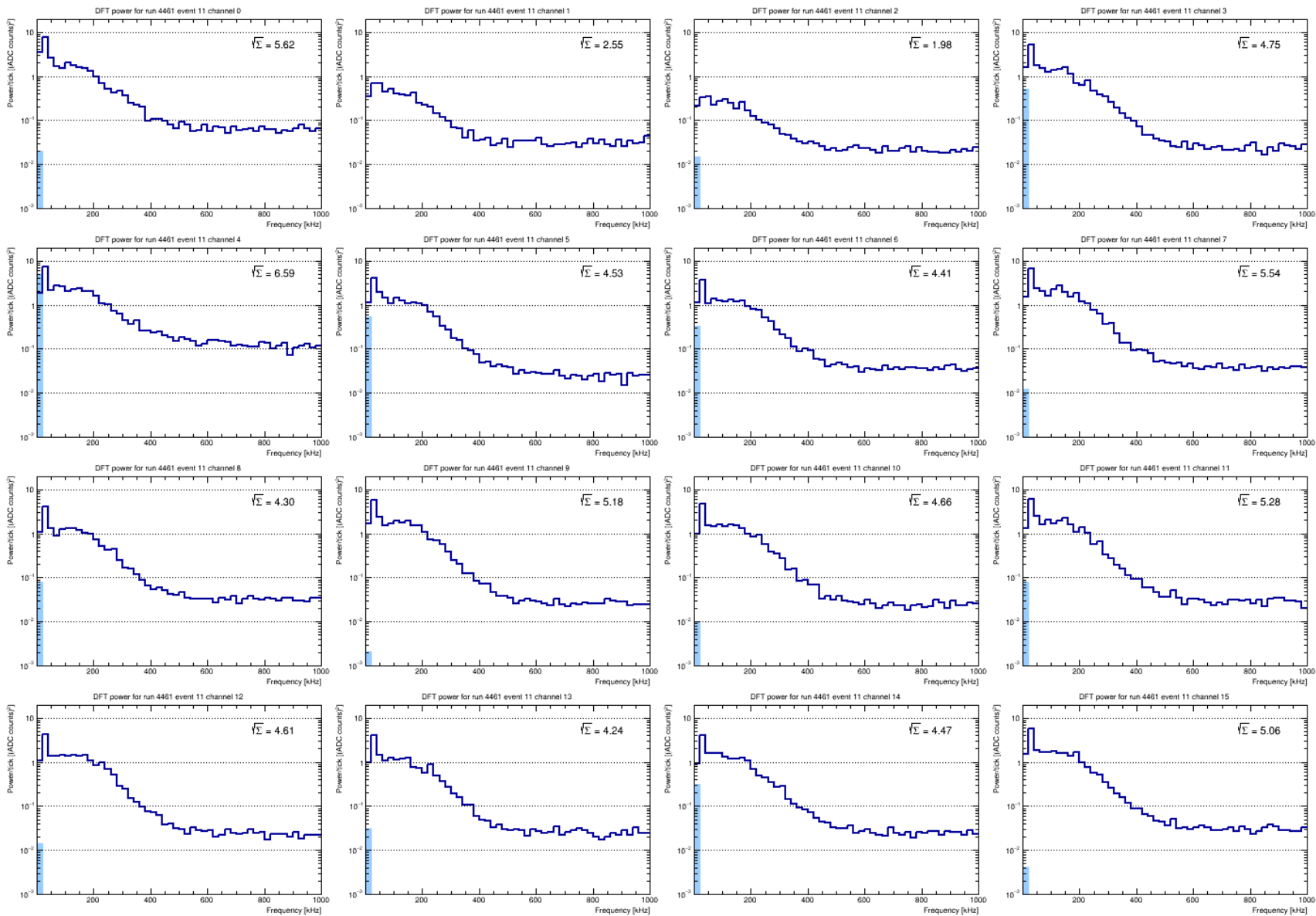
# Run 4458



# Run 4560

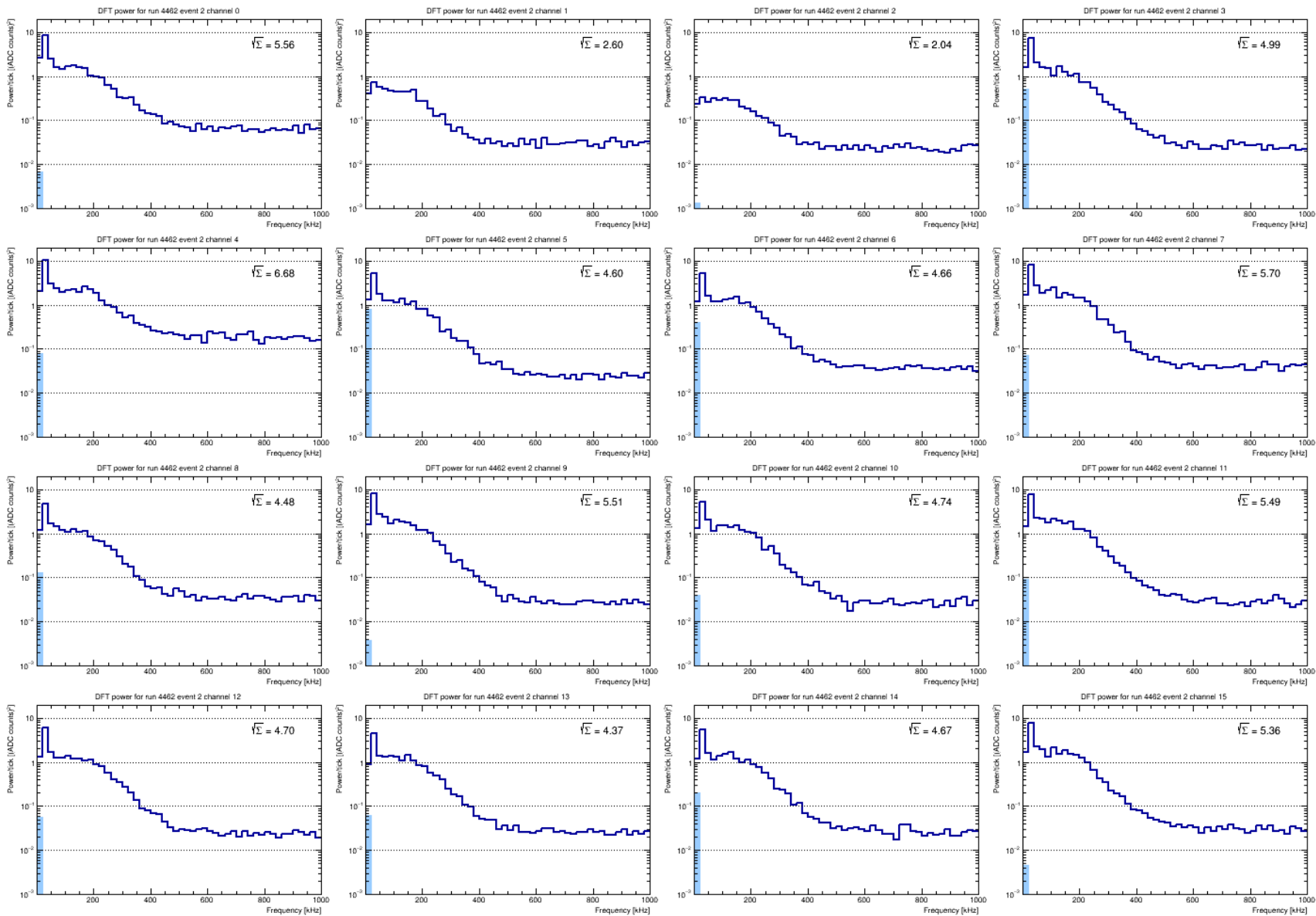


# Run 4561



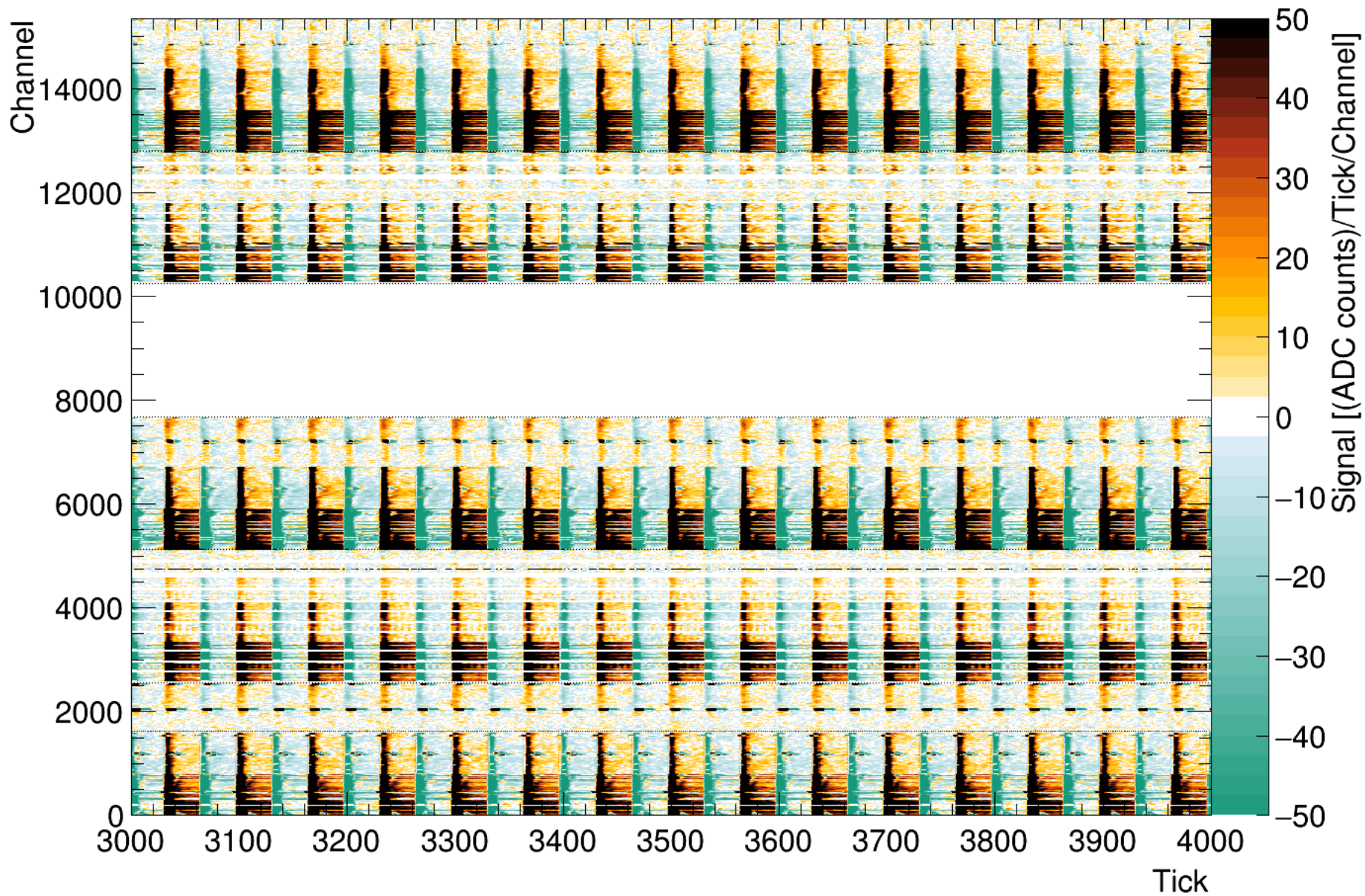


# Run 4562



# Channel-tick displays for 9/19 HV tests

# Raw ADC for run 4477 event 25 All



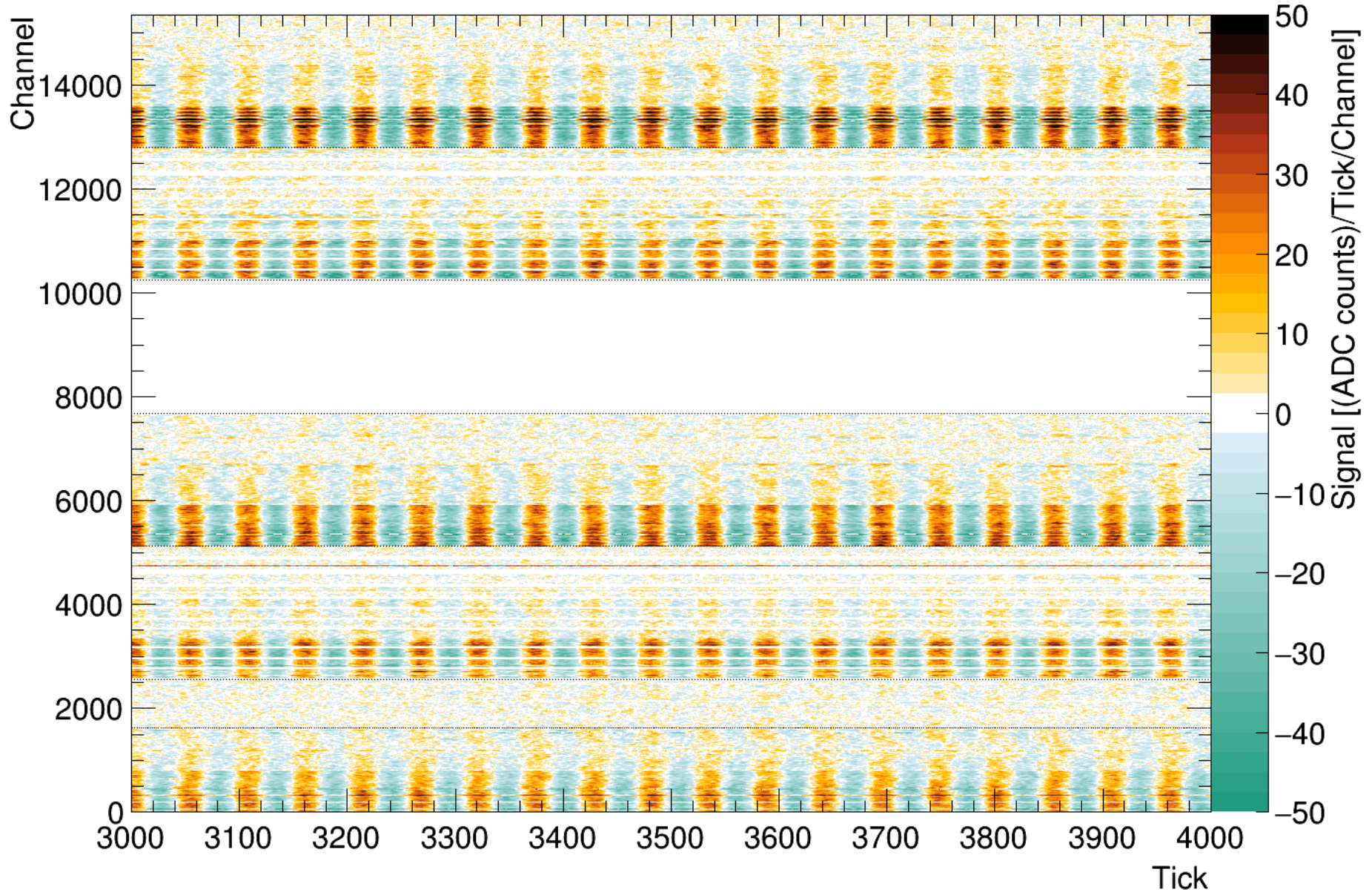


# Raw ADC for run 4482 event 6 All



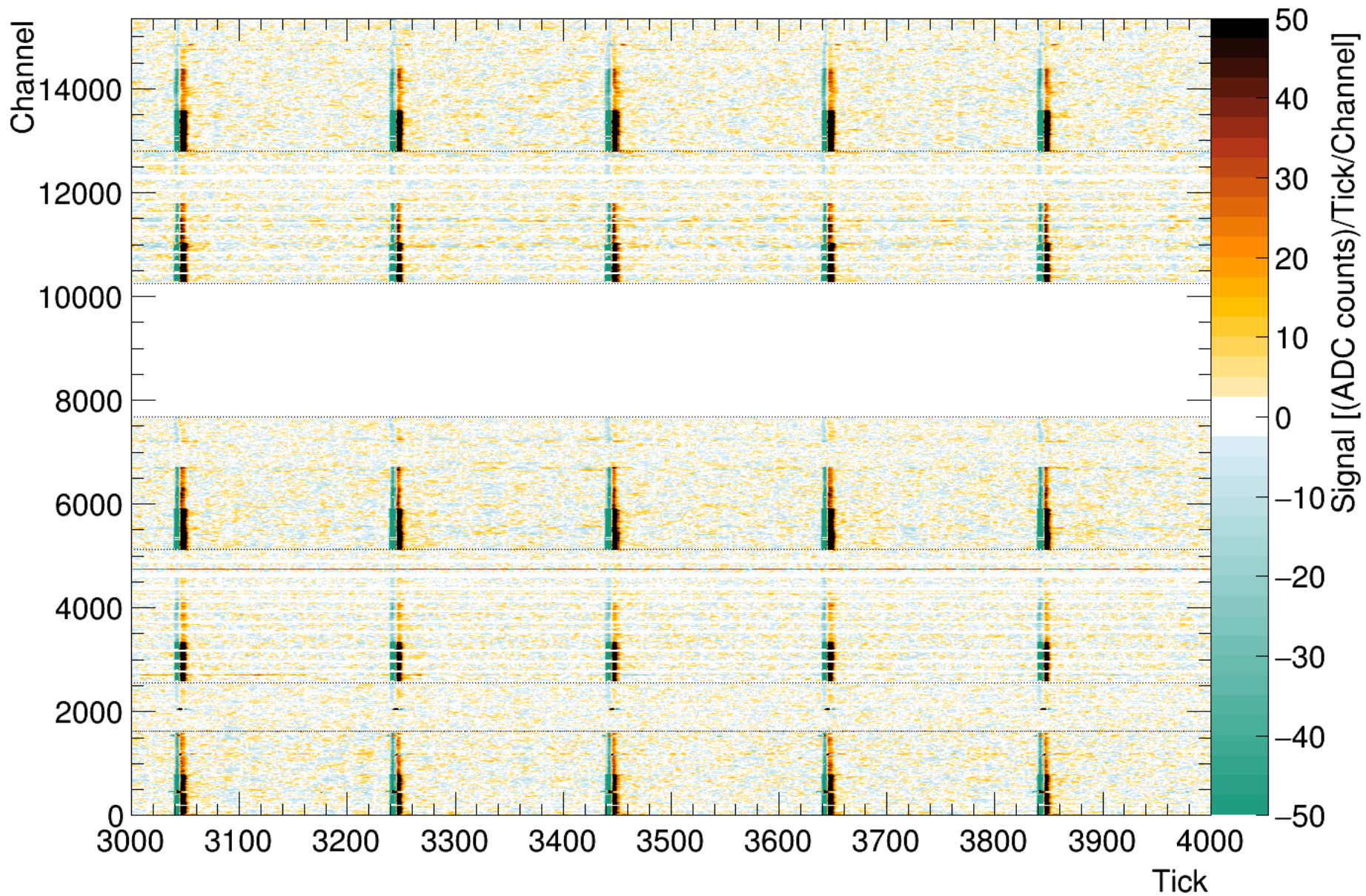


# Raw ADC for run 4484 event 161 All



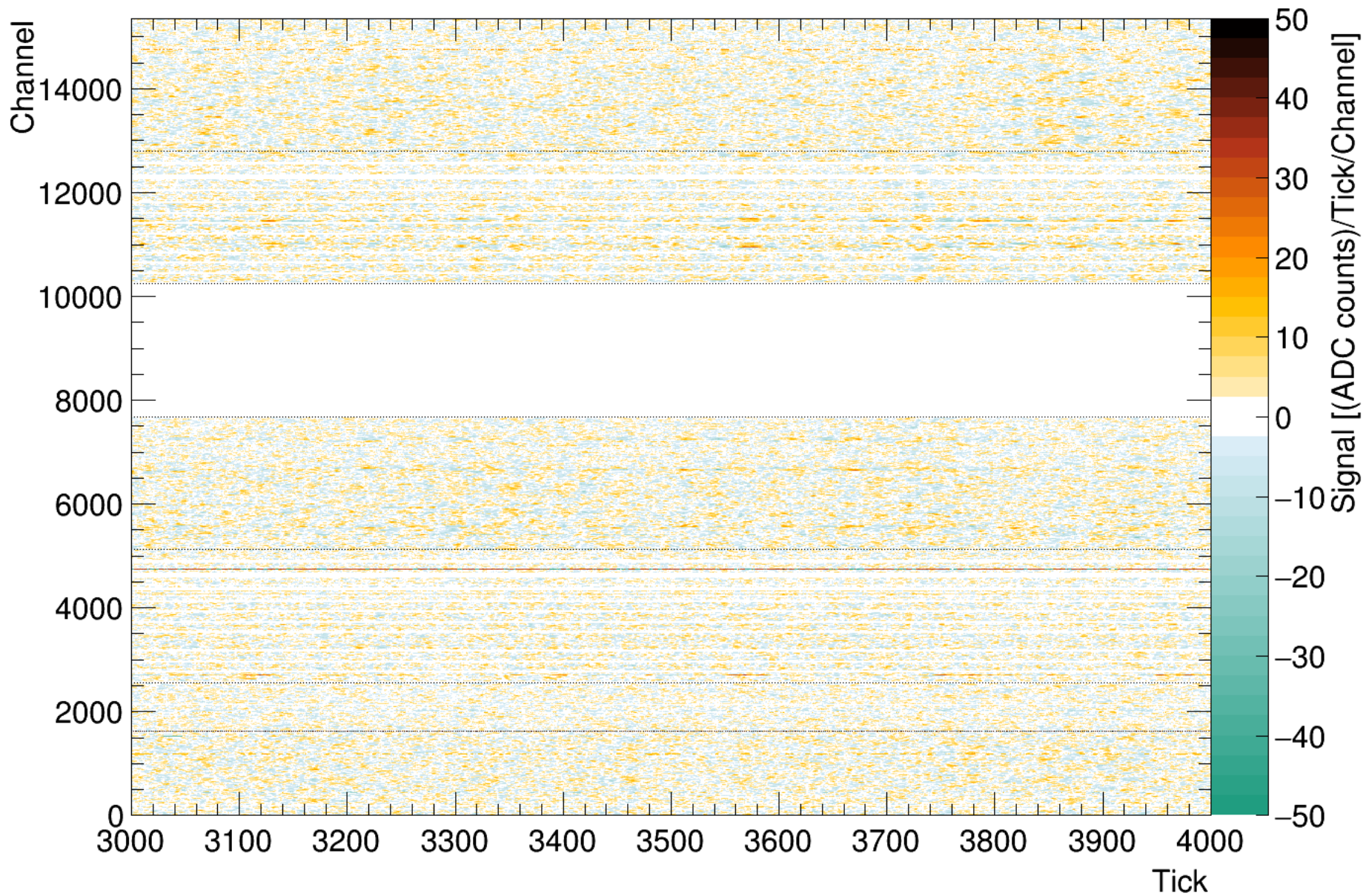


# Raw ADC for run 4485 event 84 All





# Raw ADC for run 4486 event 34 All





# Raw ADC for run 4487 event 102 All

