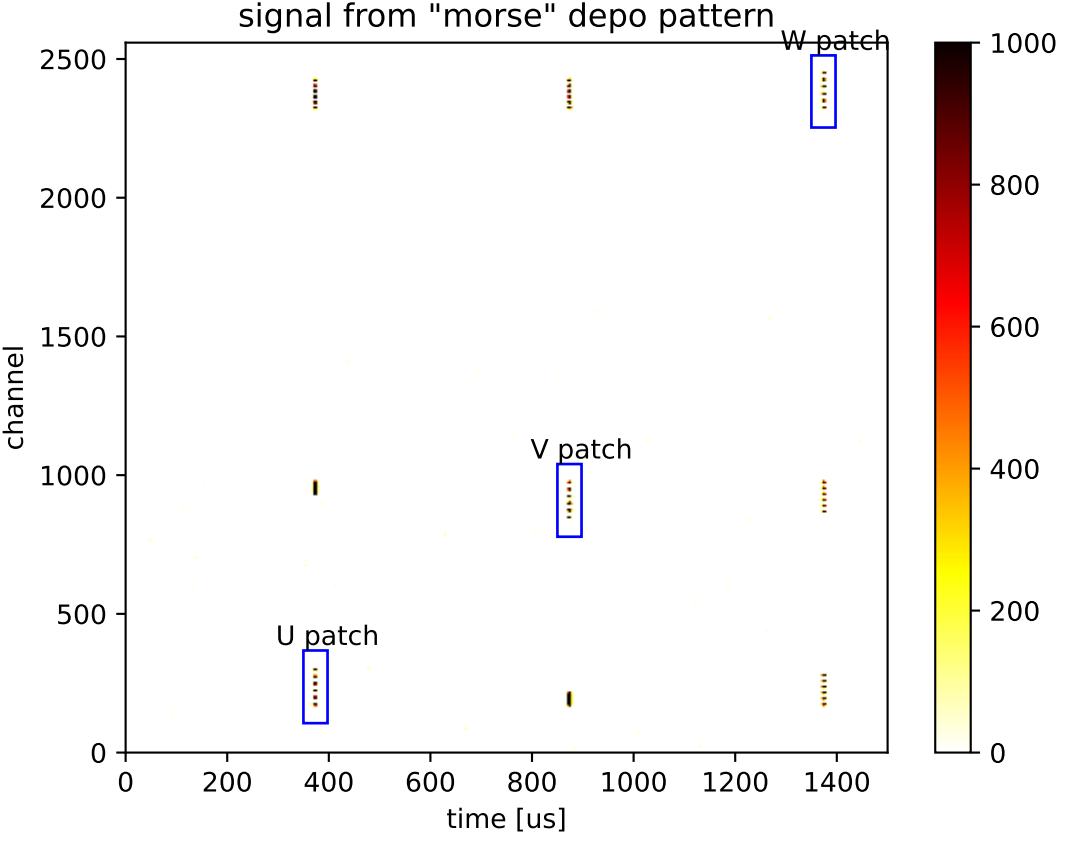
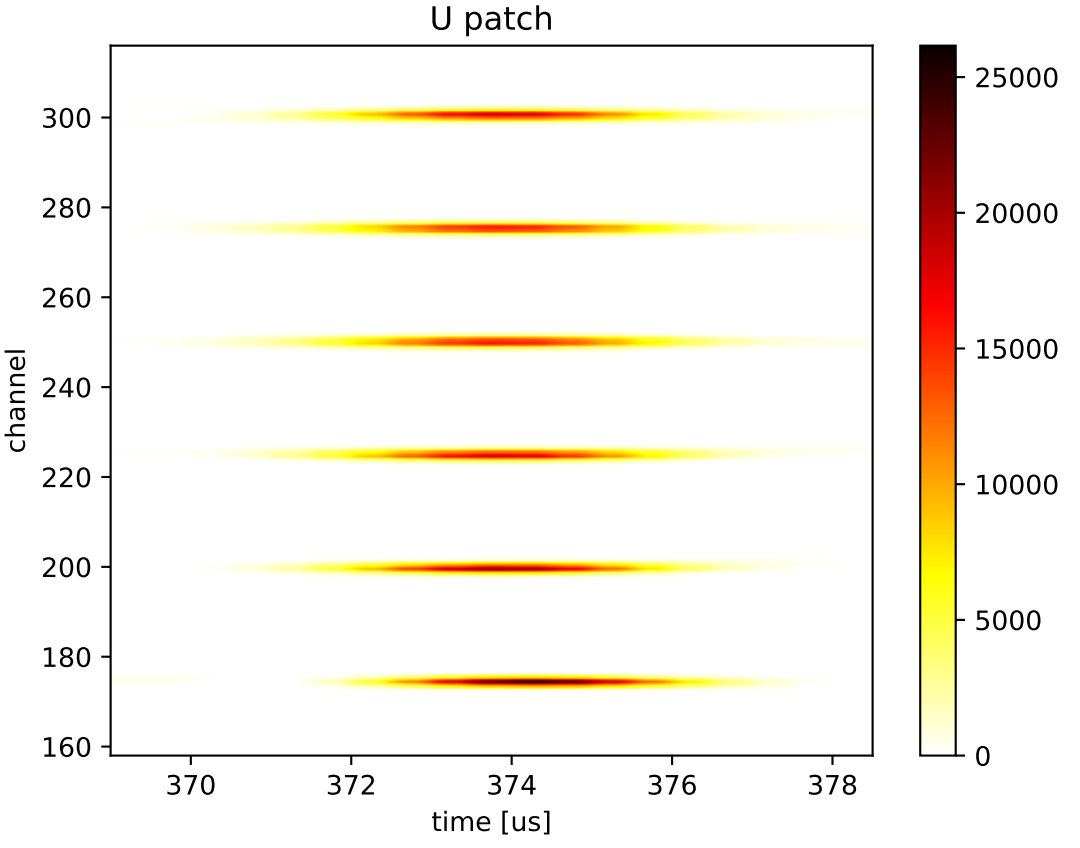
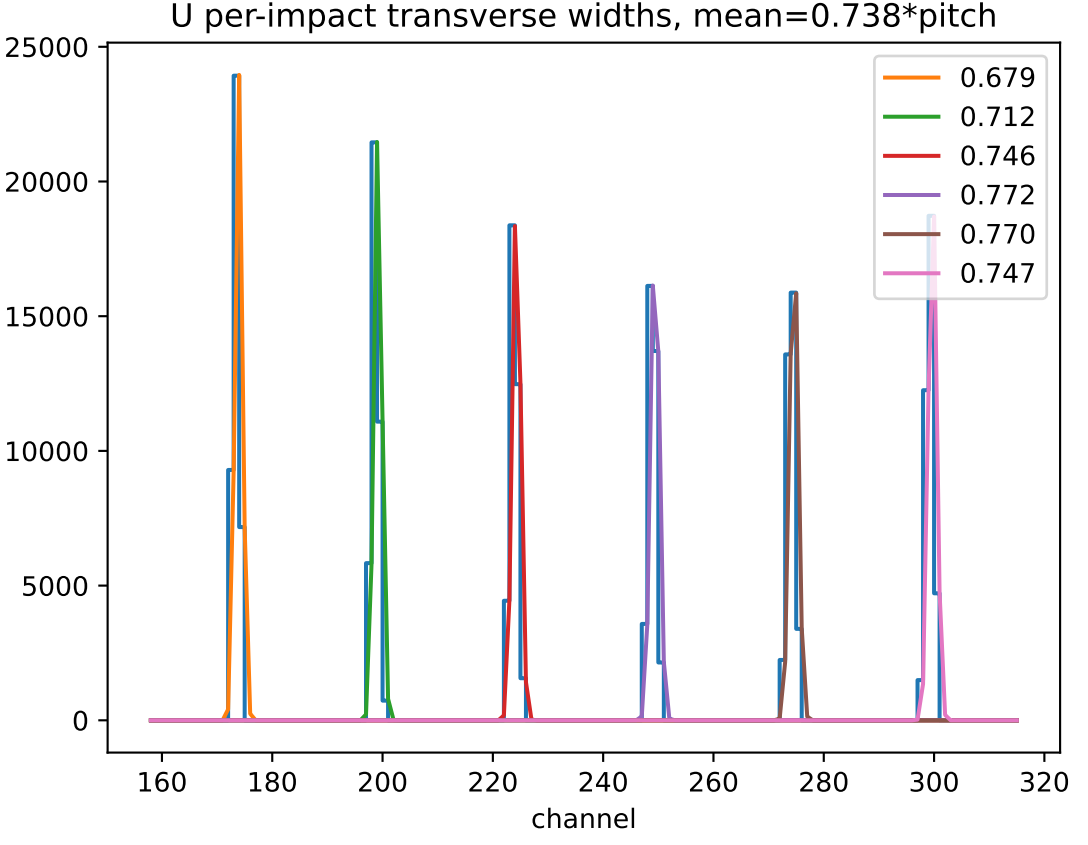
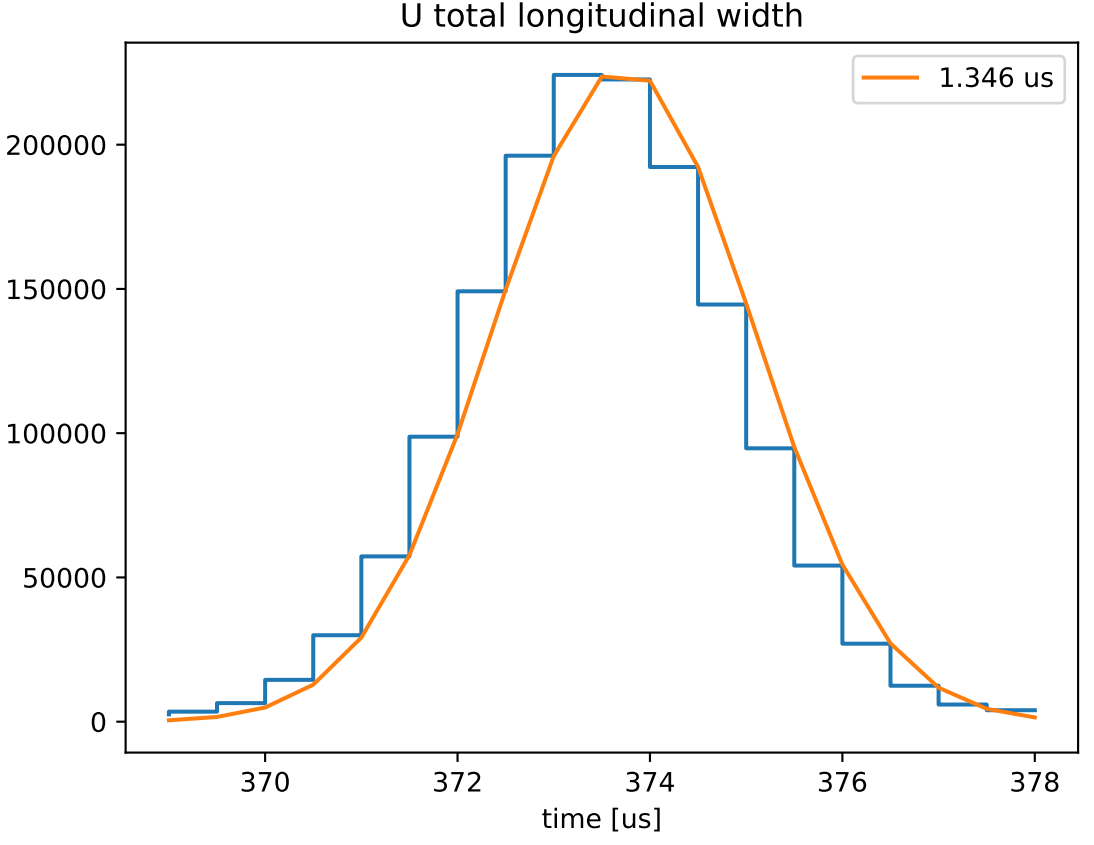
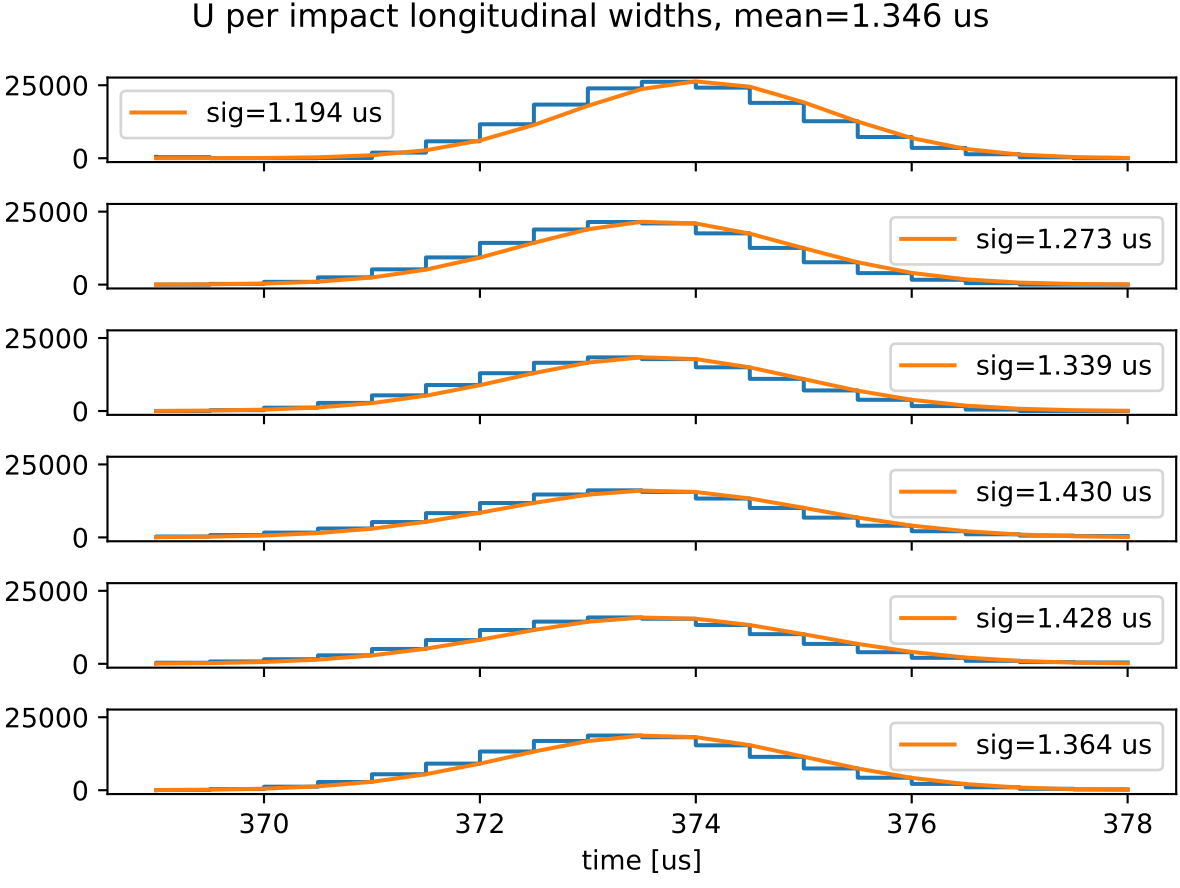
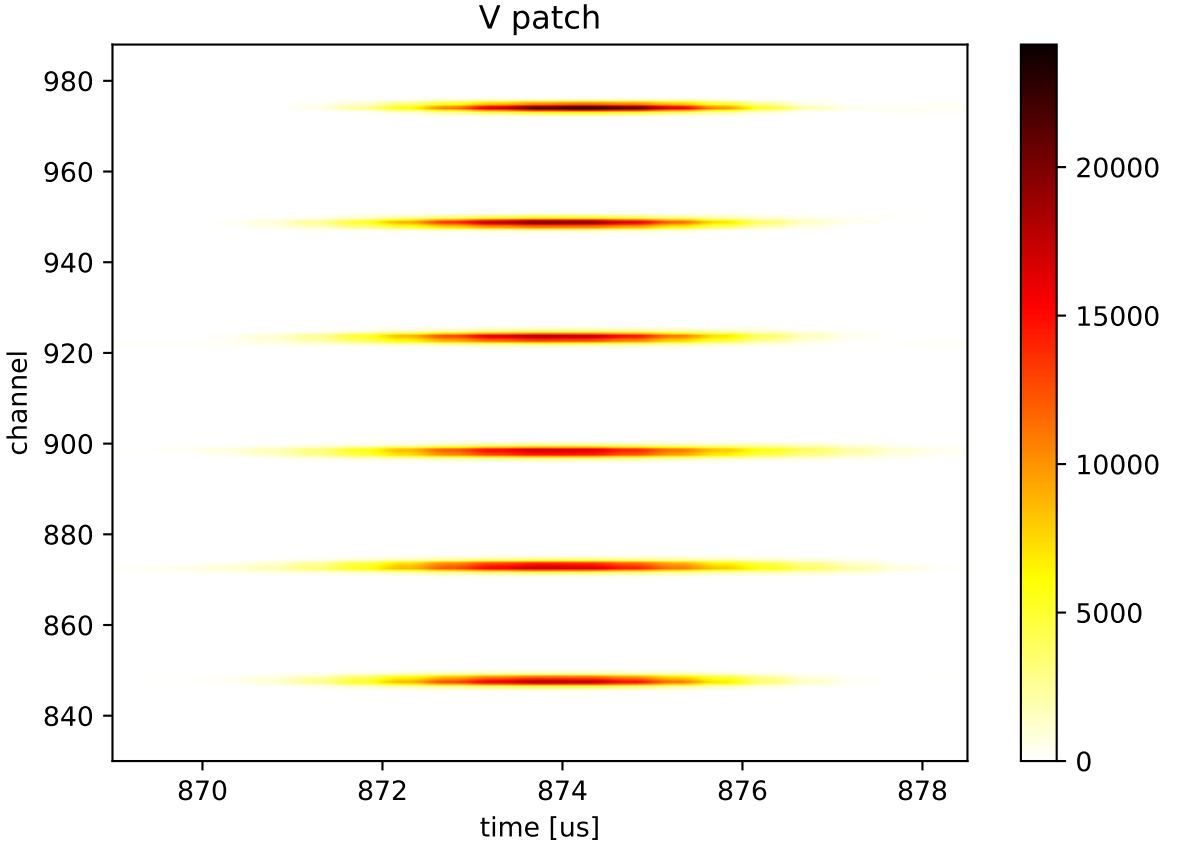

signal from "morse" depo pattern
W patch
V patch
U patch
channel
time [us]
0
500
1000
1500
2000
2500
0
200
400
600
800
1000
1200
1400
0
200
400
600
800
1000

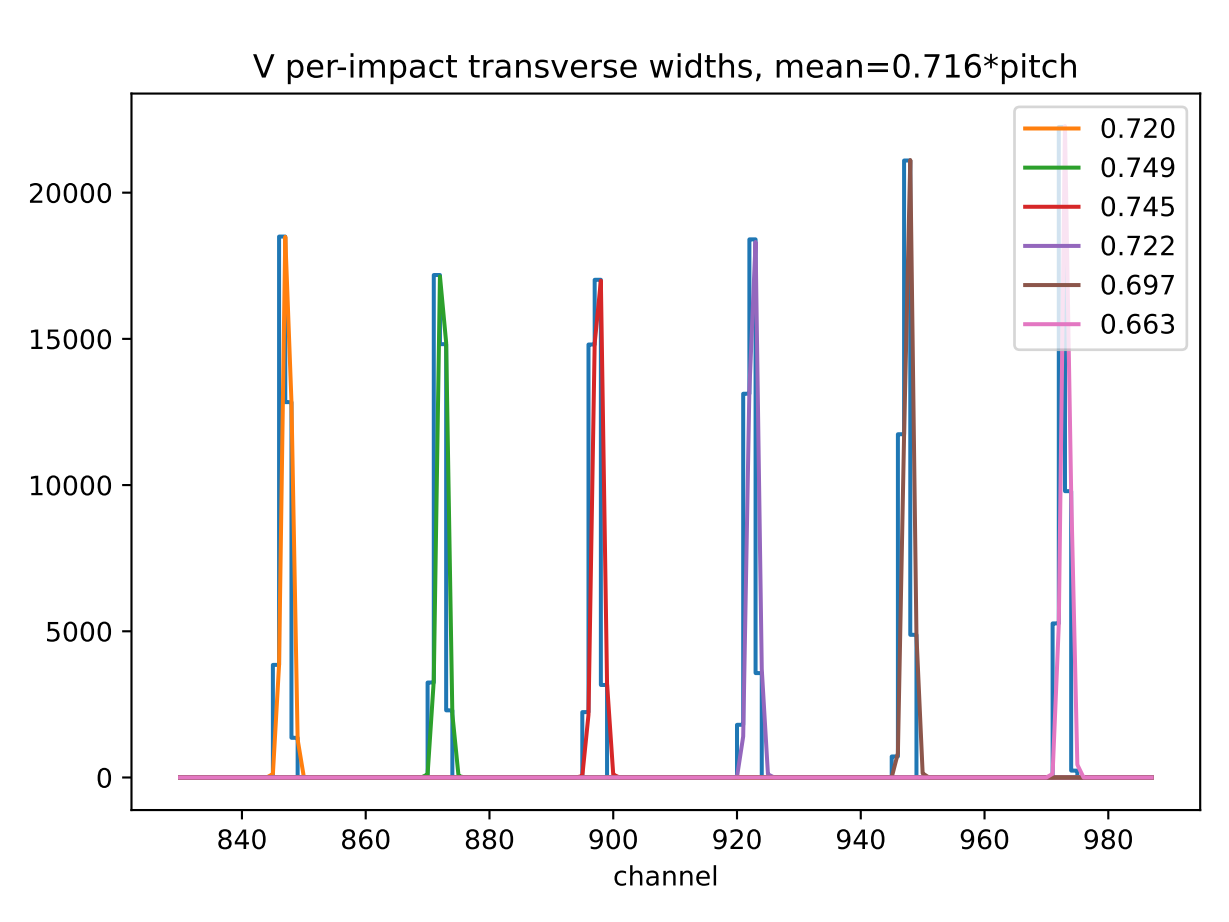

U patch
channel
300
280
260
240
220
200
180
160
370
372
374
376
378
time [us]
25000
20000
15000
10000
5000
0

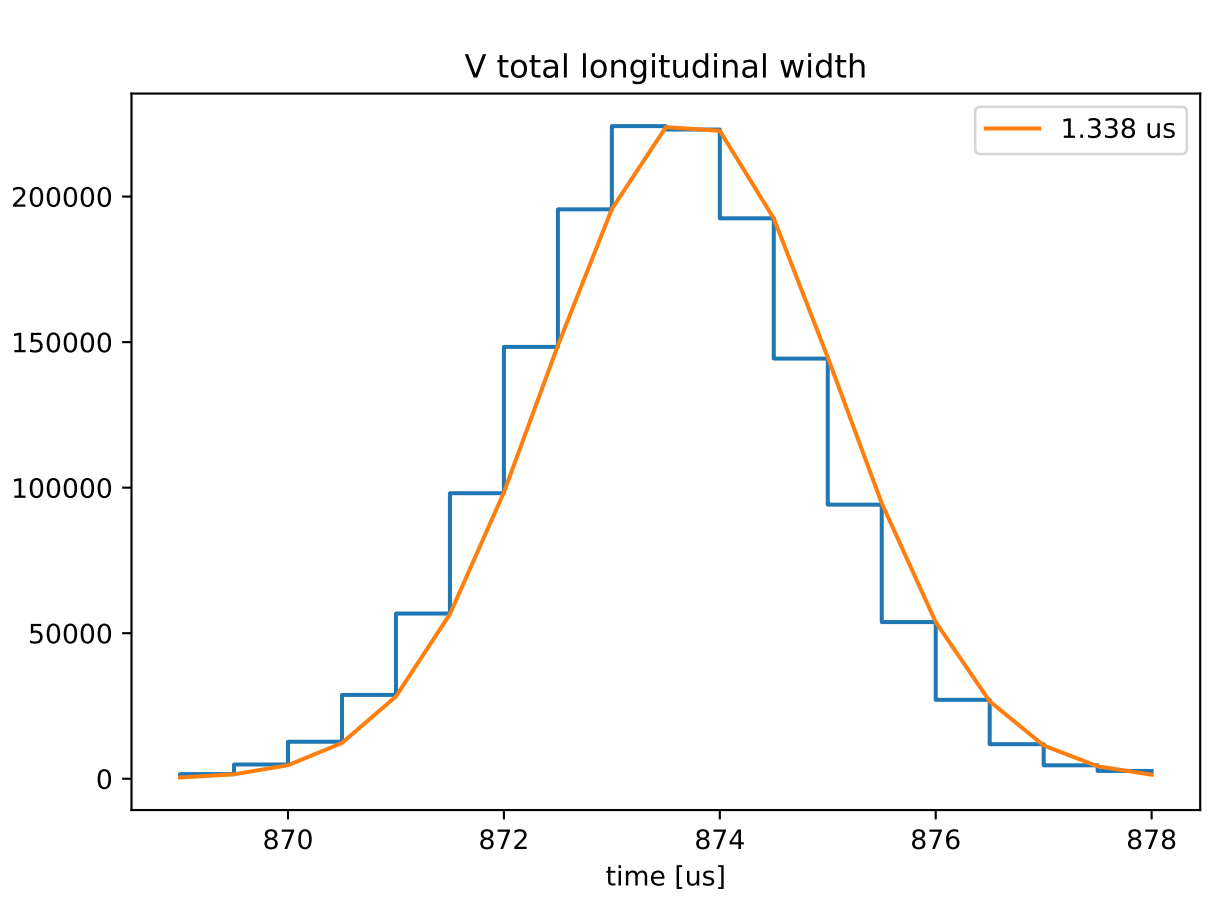

U per-impact transverse widths, mean=0.738*pitch
25000
20000
15000
10000
5000
0
160
180
200
220
240
260
280
300
320
channel
0.679
0.712
0.746
0.772
0.770
0.747

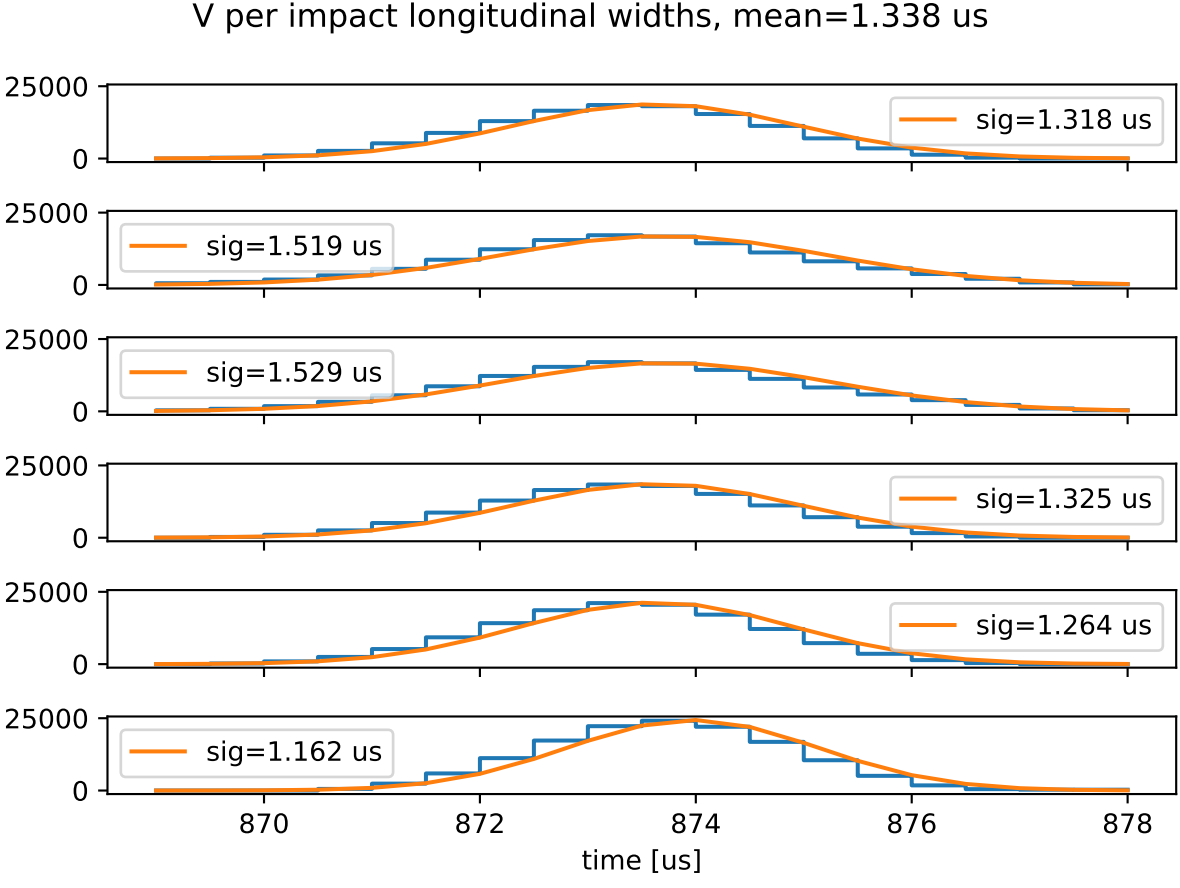

U total longitudinal width
1.346 us
200000
150000
100000
50000
0
370
372
374
376
378
time [us]

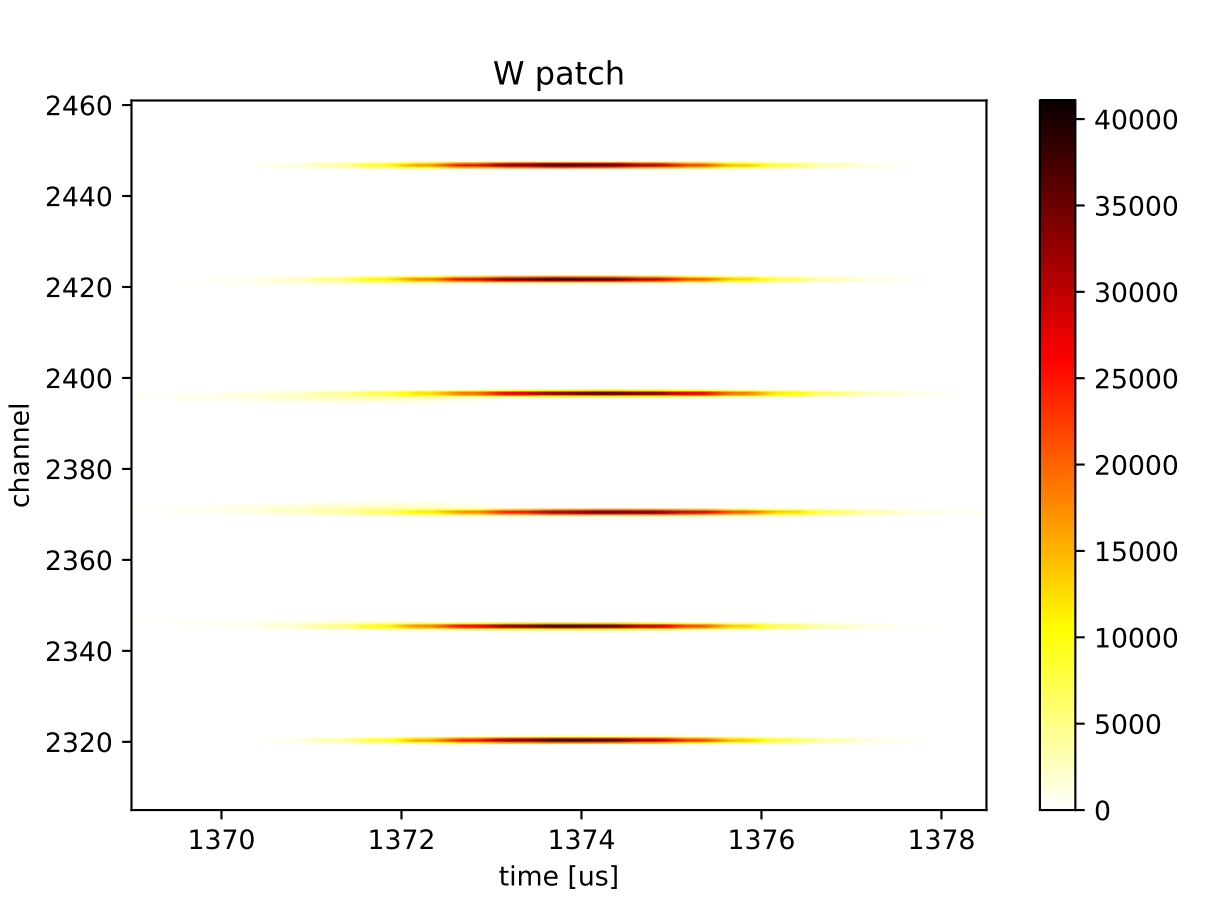

U per impact longitudinal widths, mean=1.346 us
25000
0
sig=1.194 us
sig=1.273 us
sig=1.339 us
sig=1.430 us
sig=1.428 us
sig=1.364 us
370
372
374
376
378
time [us]

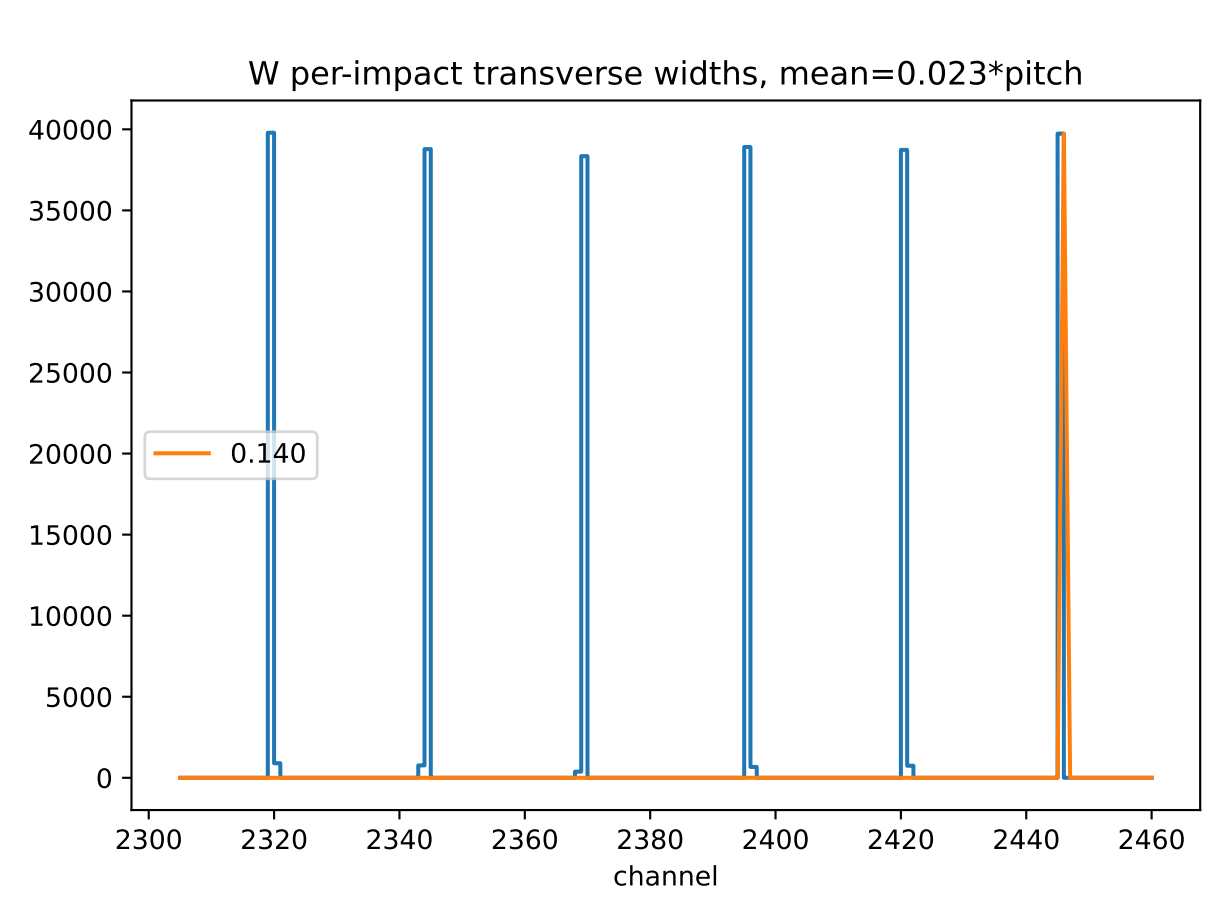

V patch
980
960
940
920
900
880
860
840
channel
870
872
874
876
878
time [us]
20000
15000
10000
5000
0

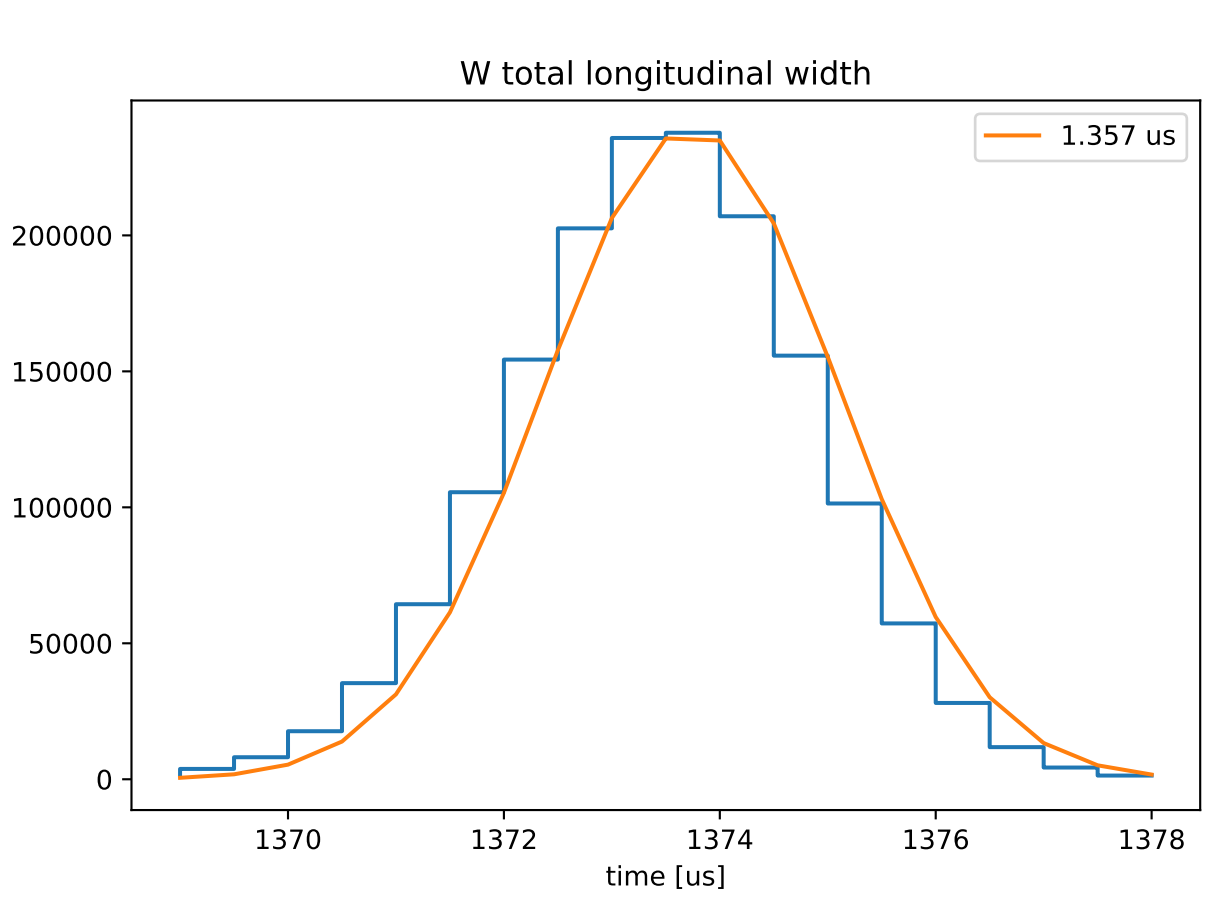

V per-impact transverse widths, mean=0.716*pitch
0.720
0.749
0.745
0.722
0.697
0.663
20000
15000
10000
5000
0
840
860
880
900
920
940
960
980
channel

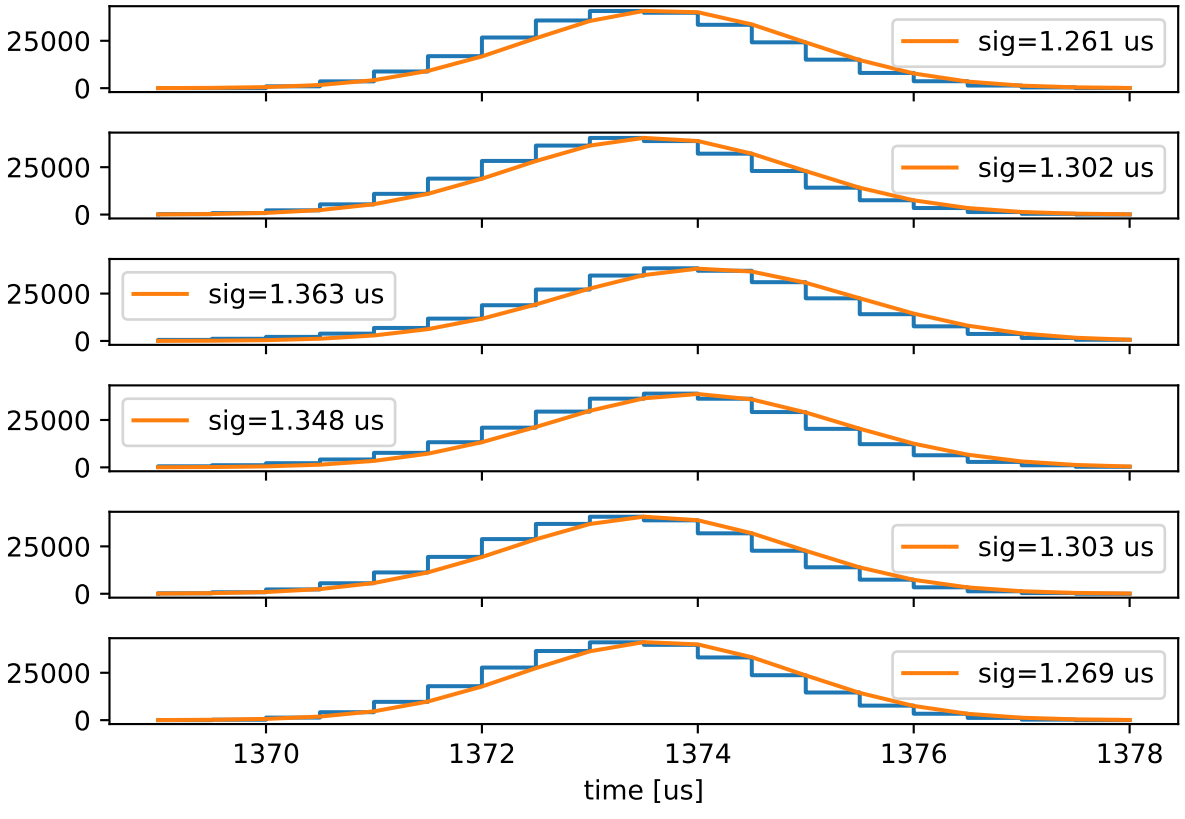

V total longitudinal width
1.338 us
200000
150000
100000
50000
0
870
872
874
876
878
time [us]


V per impact longitudinal widths, mean=1.338 us
25000
0
sig=1.318 us
sig=1.519 us
sig=1.529 us
sig=1.325 us
sig=1.264 us
sig=1.162 us
870
872
874
876
878
time [us]


W patch
2460
2440
2420
2400
2380
2360
2340
2320
channel
1370
1372
1374
1376
1378
time [us]
40000
35000
30000
25000
20000
15000
10000
5000
0


W per-impact transverse widths, mean=0.023*pitch
40000
35000
30000
25000
20000
15000
10000
5000
0
0.140
2300
2320
2340
2360
2380
2400
2420
2440
2460
channel


W total longitudinal width
1.357 us
200000
150000
100000
50000
0
1370
1372
1374
1376
1378
time [us]


W per impact longitudinal widths, mean=1.357 us
25000
0
sig=1.261 us
25000
0
sig=1.302 us
25000
0
sig=1.363 us
25000
0
sig=1.348 us
25000
0
sig=1.303 us
25000
0
sig=1.269 us
1370
1372
1374
1376
1378
time [us]