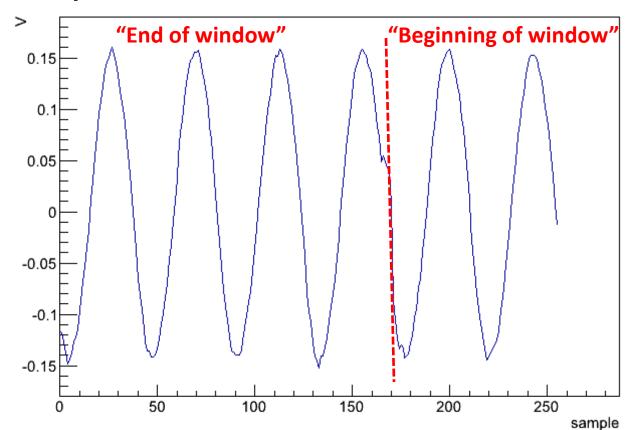
PSEC4 Timing - Current Data Sample

New data provided by Eric:

- http://hep.uchicago.edu/~eric/work/caldata/psec42011₁201/
- 10.24 GSa/s
- 240 MHz (?) sine wave input
- 20,000 events for CH3
- 20,000 events for CH5
- Attempting simple "zero-crossing" analysis.
 - Measure period of waveform to get sampling rate.
 - Measure occupancy of zero crossings to get Δ t values.

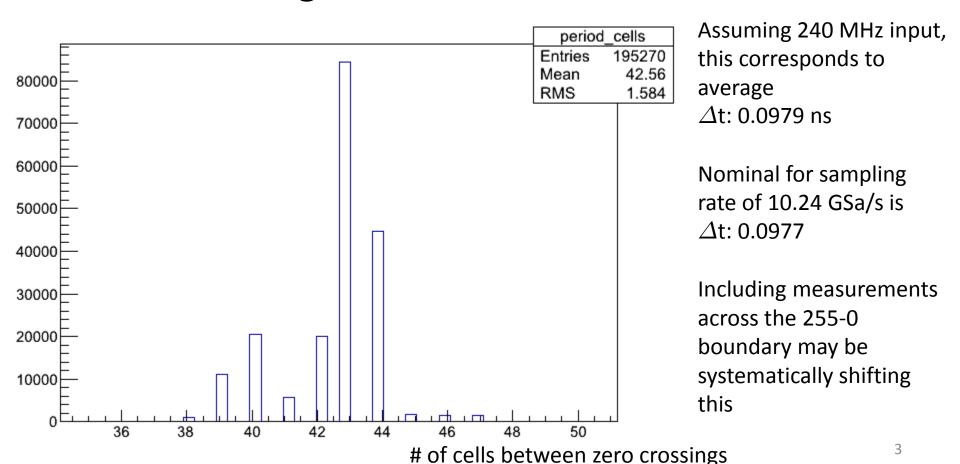
Sample "Unwrapping"

 End/beginning of an event is around sample ~170. I redefine sample 173 as sample 0 for the analysis.



Sampling Rate

 Measure number of sampling cells between zero crossings:



Zero Crossing Occupancy

