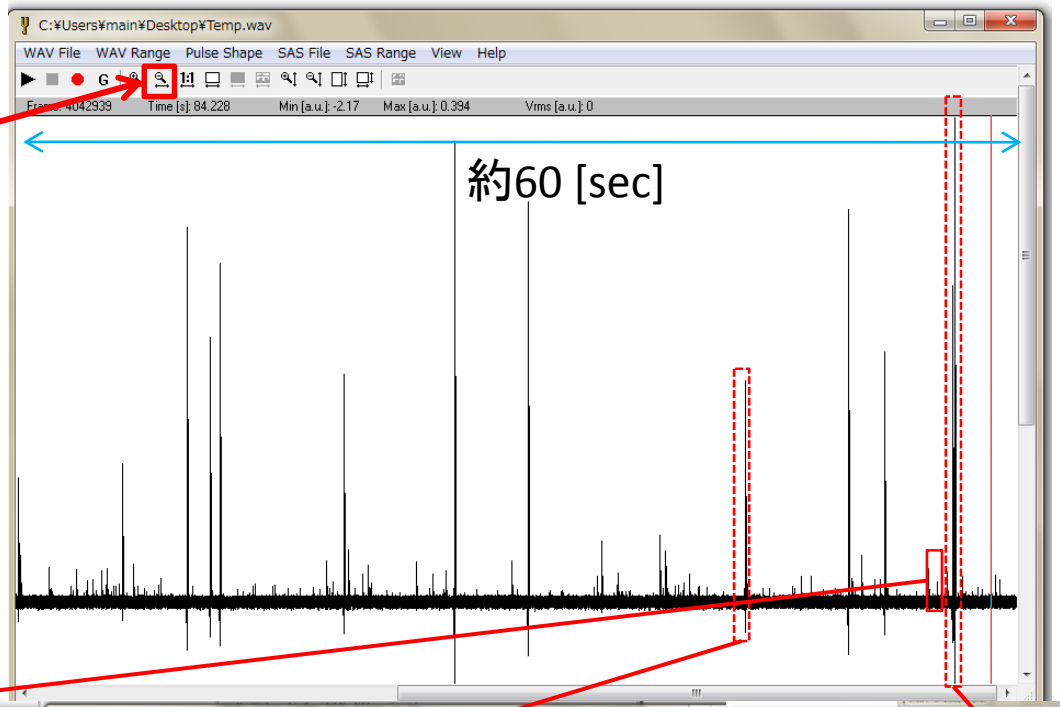
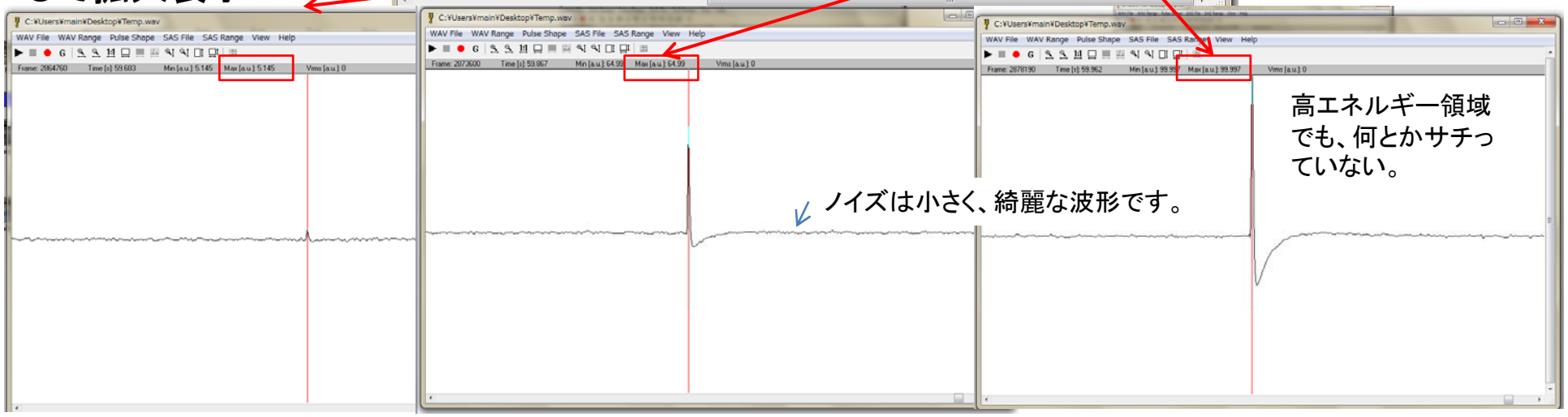
スペクトル全体

虫眼鏡を「-」側に
いっぱいして表示



虫眼鏡を「+」側に
して拡大表示

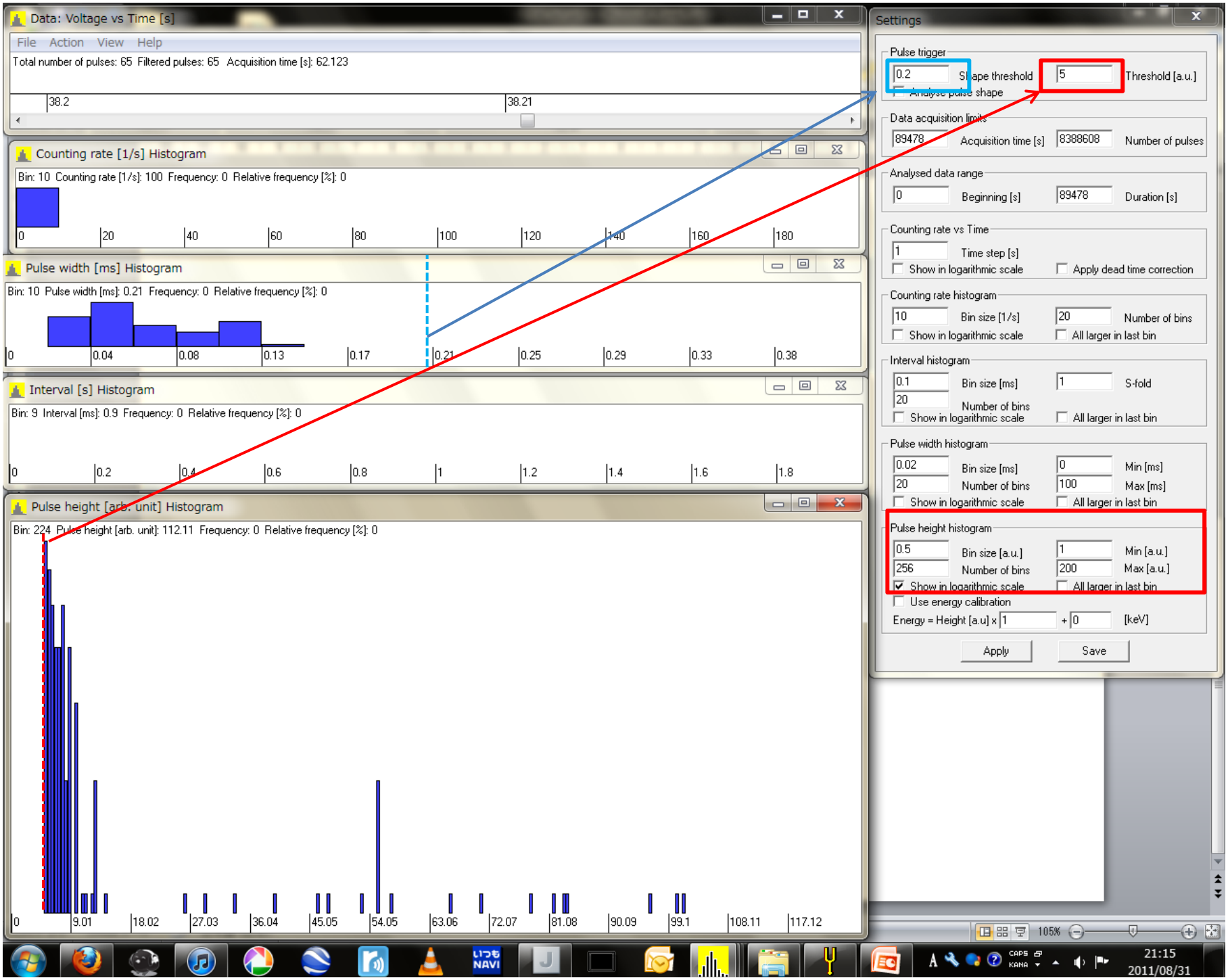


極低エネルギー領域
5.145 [a.u.]

中エネルギー領域
64.99 [a.u.]

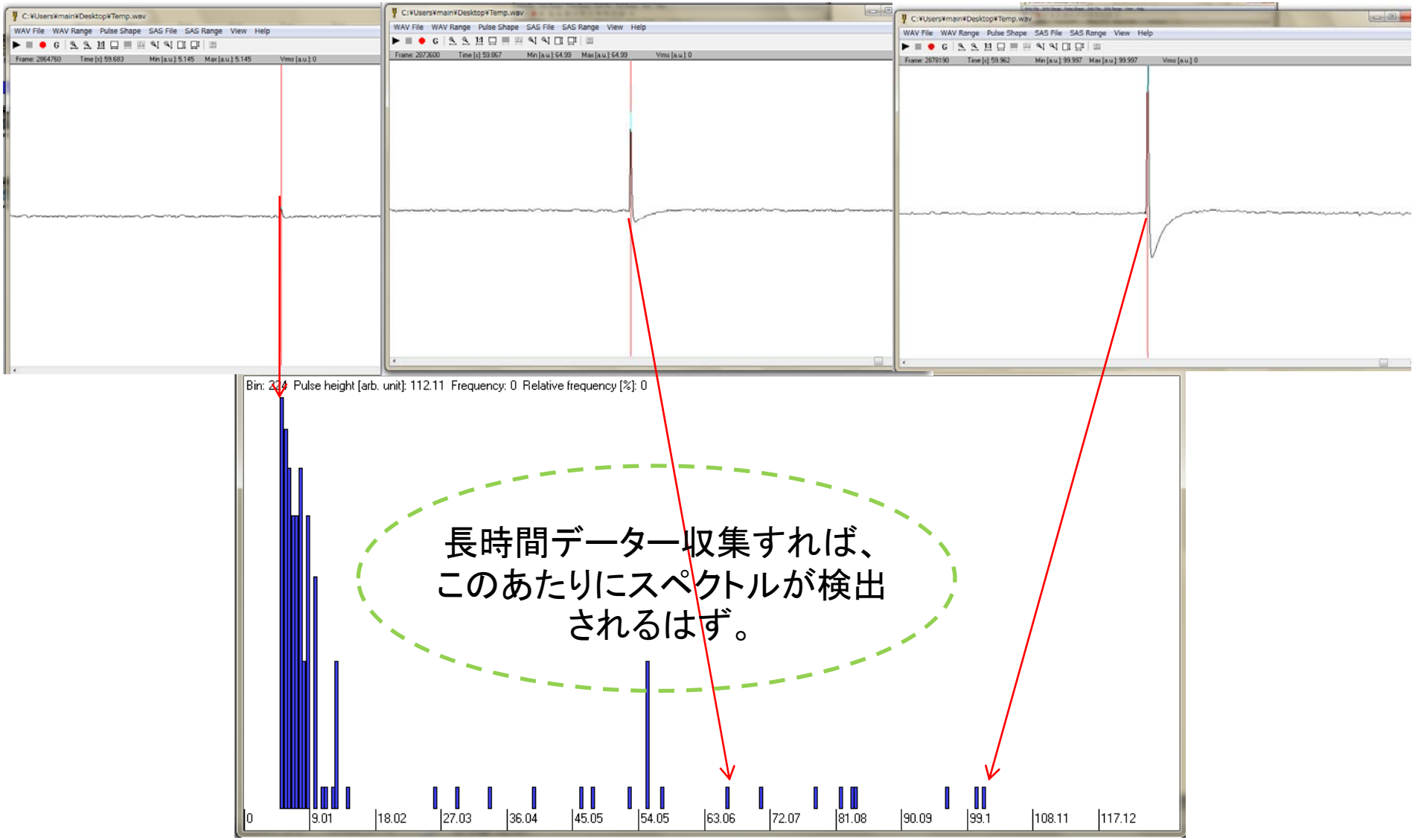
高エネルギー領域
99.997 [a.u.]

極低エネルギー領域は約5 [a.u.]なので、Countする閾値は5 [a.u.]が妥当です。


Data: Voltage vs Time [s]
File Action View Help
Total number of pulses: 65 Filtered pulses: 65 Acquisition time [s]: 62.123
38.2
38.21
Counting rate [1/s] Histogram
Bin: 10 Counting rate [1/s]: 100 Frequency: 0 Relative frequency [%]: 0
0 20 40 60 80 100 120 140 160 180
Pulse width [ms] Histogram
Bin: 10 Pulse width [ms]: 0.21 Frequency: 0 Relative frequency [%]: 0
0 0.04 0.08 0.13 0.17 0.21 0.25 0.29 0.33 0.38
Interval [s] Histogram
Bin: 9 Interval [ms]: 0.9 Frequency: 0 Relative frequency [%]: 0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8
Pulse height [arb. unit] Histogram
Bin: 224 Pulse height [arb. unit]: 112.11 Frequency: 0 Relative frequency [%]: 0
0 9.01 18.02 27.03 36.04 45.05 54.05 63.06 72.07 81.08 90.09 99.1 108.11 117.12
Settings
Pulse trigger
0.2 Shape threshold
5 Threshold [a.u.]
Analyse pulse shape
Data acquisition limits
89478 Acquisition time [s]
8388608 Number of pulses
Analysed data range
0 Beginning [s]
89478 Duration [s]
Counting rate vs Time
1 Time step [s]
Show in logarithmic scale
Apply dead time correction
Counting rate histogram
10 Bin size [1/s]
20 Number of bins
Show in logarithmic scale
All larger in last bin
Interval histogram
0.1 Bin size [ms]
1 S-fold
20 Number of bins
Show in logarithmic scale
All larger in last bin
Pulse width histogram
0.02 Bin size [ms]
0 Min [ms]
20 Number of bins
100 Max [ms]
Show in logarithmic scale
All larger in last bin
Pulse height histogram
0.5 Bin size [a.u.]
1 Min [a.u.]
256 Number of bins
200 Max [a.u.]
Show in logarithmic scale
All larger in last bin
Use energy calibration
Energy = Height [a.u.] x 1 + 0 [keV]
Apply
Save
105%
21:15
2011/08/31

検出波とスペクトル分布の関係

極低エネルギー領域
5.145 [a.u.]

中エネルギー領域
64.99 [a.u.]

高エネルギー領域
99.997 [a.u.]