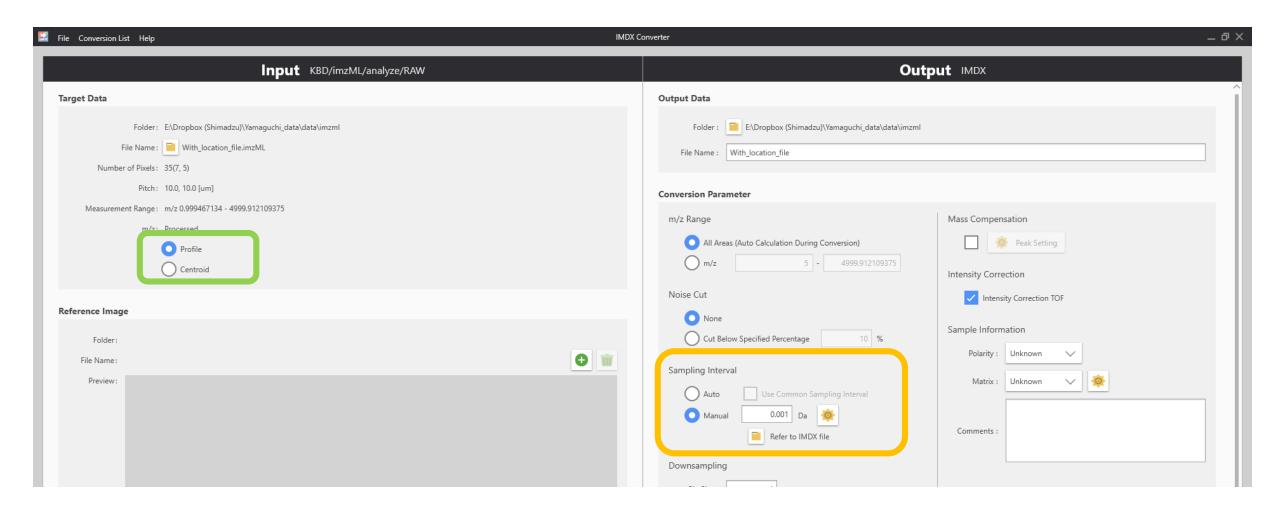
### TOF-MS data conversion

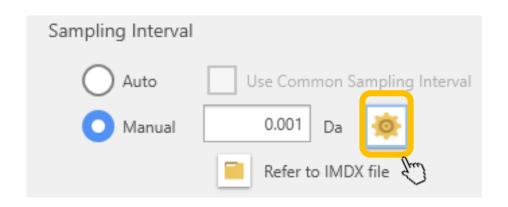
imzML→imdx

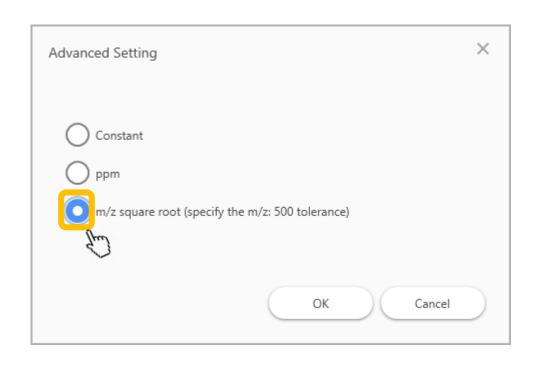
If you use "Auto", the data may be too large, so specify the sampling interval.

### In the case of profile data (.imzML)

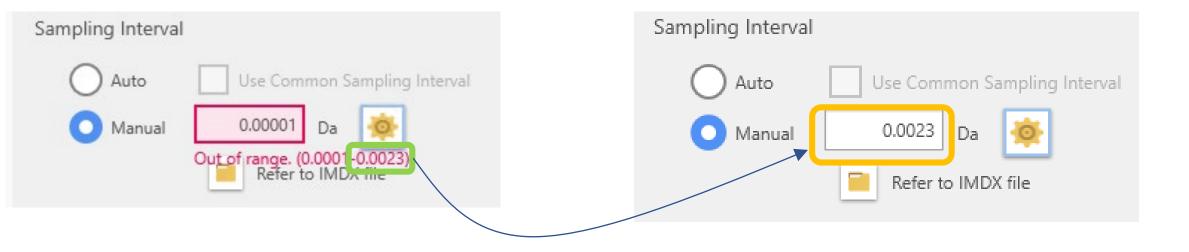


# Press the gear button to select "m/z square root".



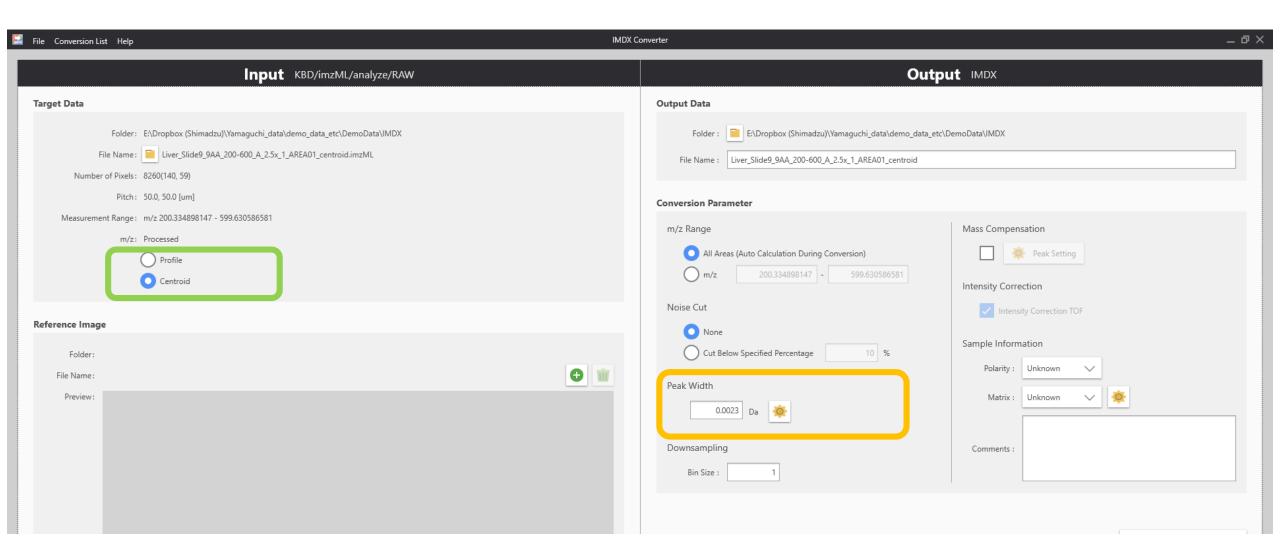


## Enter the upper limit value (this is the sampling interval around m/z500 of the data to be converted)



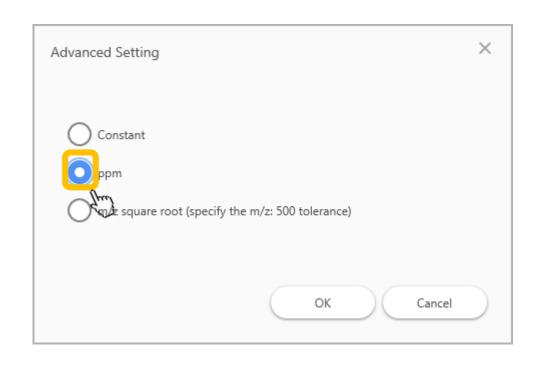
This will convert the data without wasting time and data quality.

### In the case of Centroid data (.imzML)



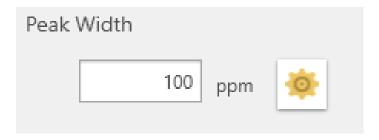
### Press the gear button to select "ppm".



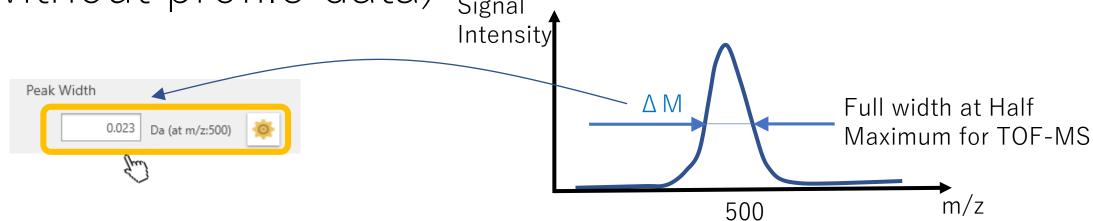


### Enter the resolving power in ppm.

For example, 100 ppm when the resolution is 10,000 20 ppm when the resolution is 50,000



Enter the peak width  $\Delta$  M around m/z500 of the data to be converted (cannot be confirmed without profile data) Signal



mass resolving power:  $M/\Delta M$ 

If the measurement range does not include m/z 500,

- 1. find  $R = M/\Delta M$  (this M can be any m/z).
- 2.  $\Delta M @ m/z 500 = 500/R$