NorReview Software Nor1026

NorReview Version 6

Advance Assessment Features

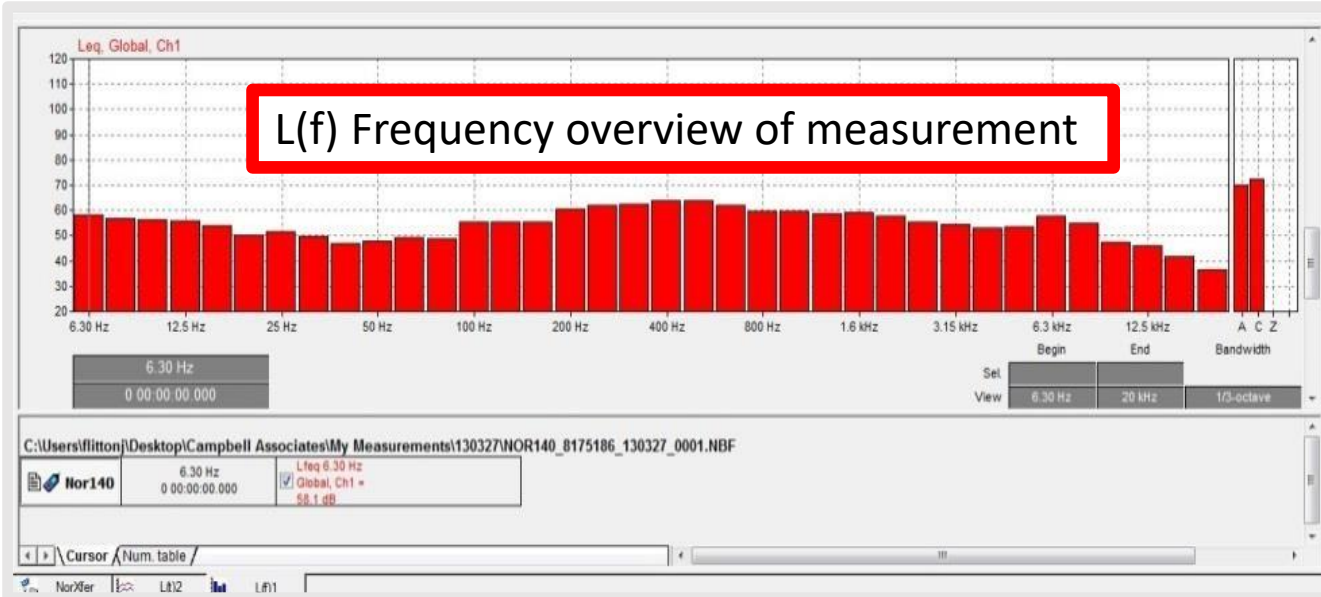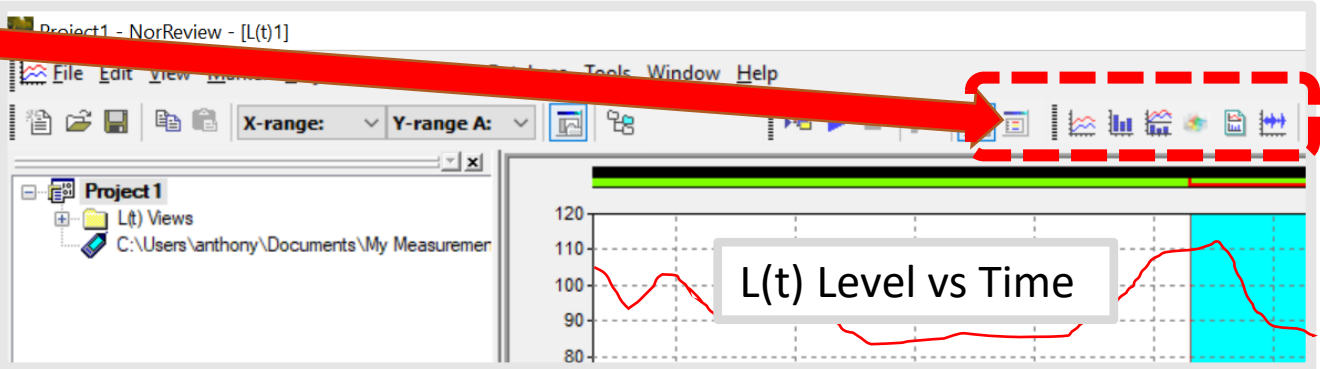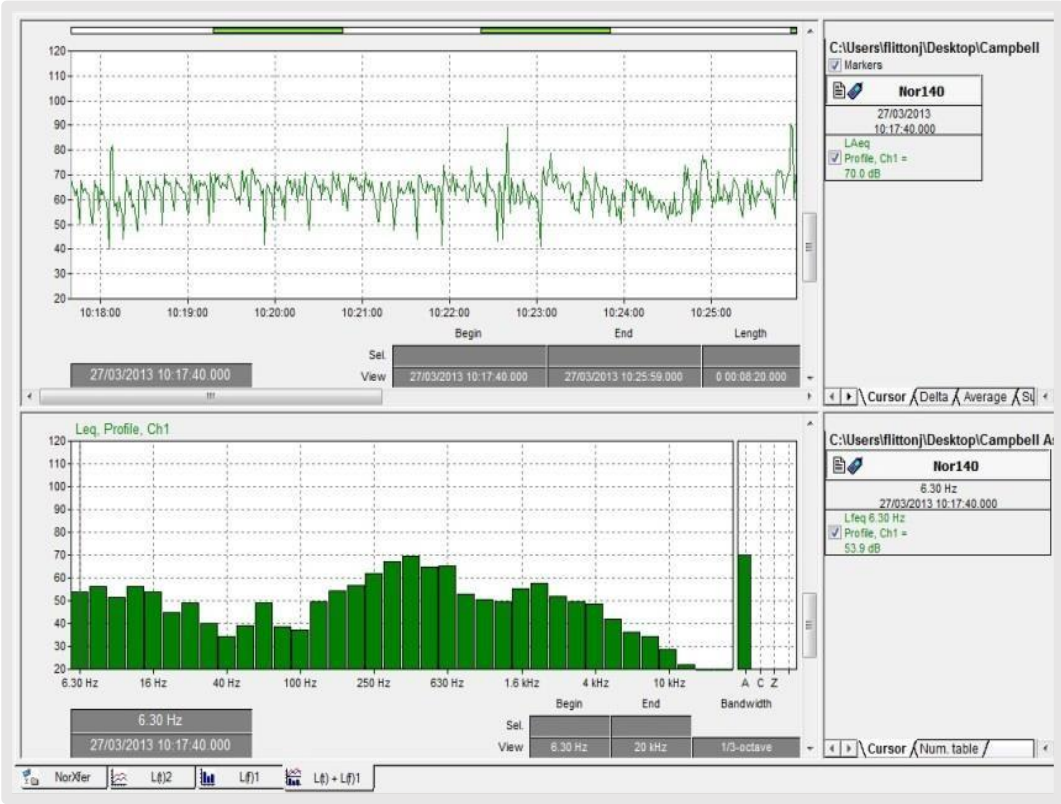CAMPBELL ASSOCIATES
SOUND, VIBRATION & AIR SOLUTIONS

Environmental User Guide

Frequency and Time Views

Views Selected Here

L(t) + L(f) Level vs Time vs Frequency

L(t) Level vs Time

L(f) Frequency overview of measurement

CAMPBELL ASSOCIATES
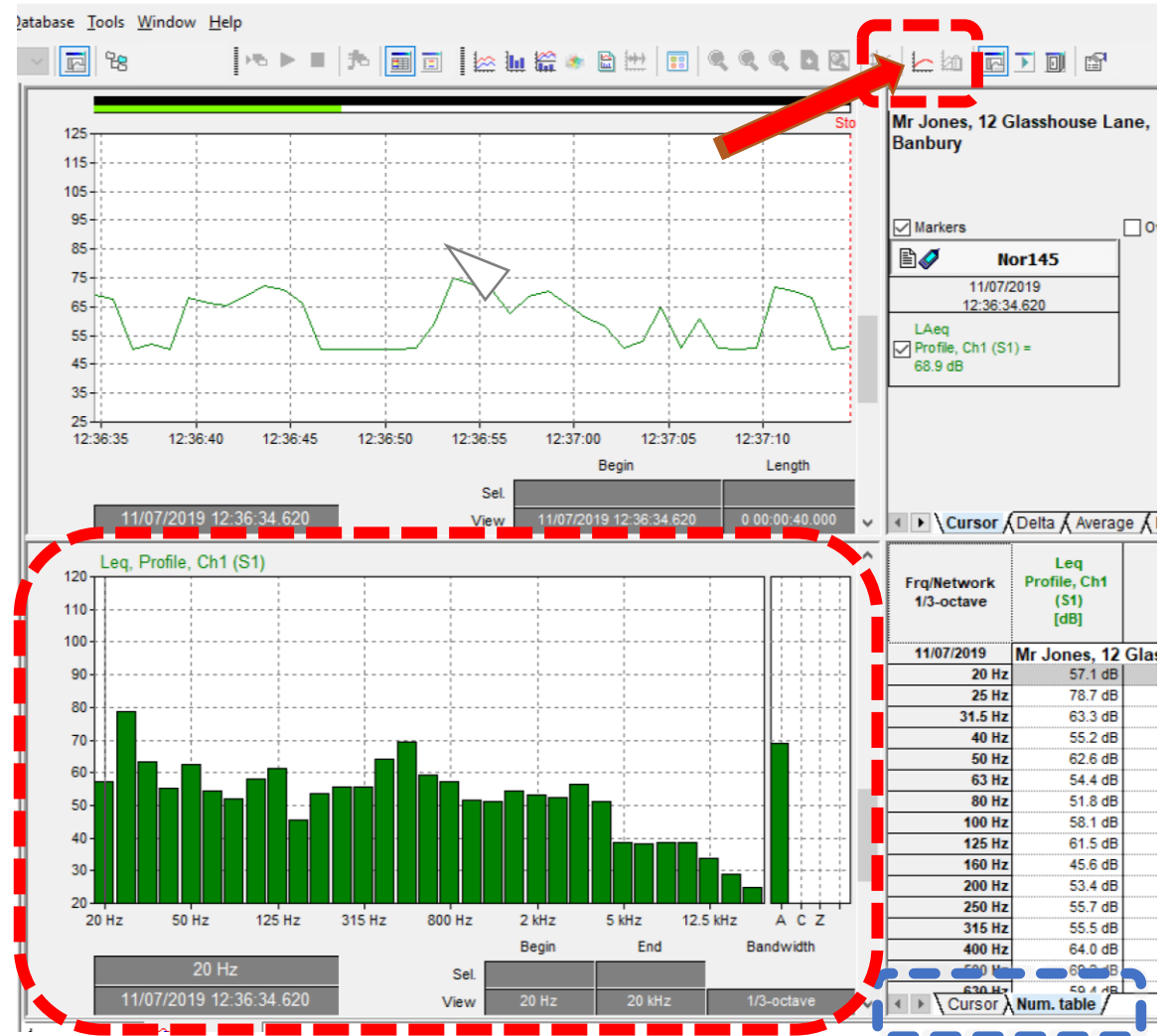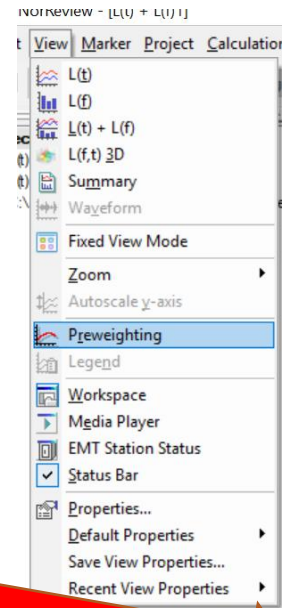SOUND, VIBRATION & AIR SOLUTIONS

Frequency Pre-weighting and Table

To see a frequency overview select one of the following:

1. Marker
2. Highlight an area
3. Drop the cursor

For A-pre-weighting
Use the pre-weighting button
Or
View > Preweighting

For a Number Table use the
Num. Table tab in right window.
This sheet can be copied to excel.

Plotting Frequencies in the Graph

To plot logged parameters from the SLM.
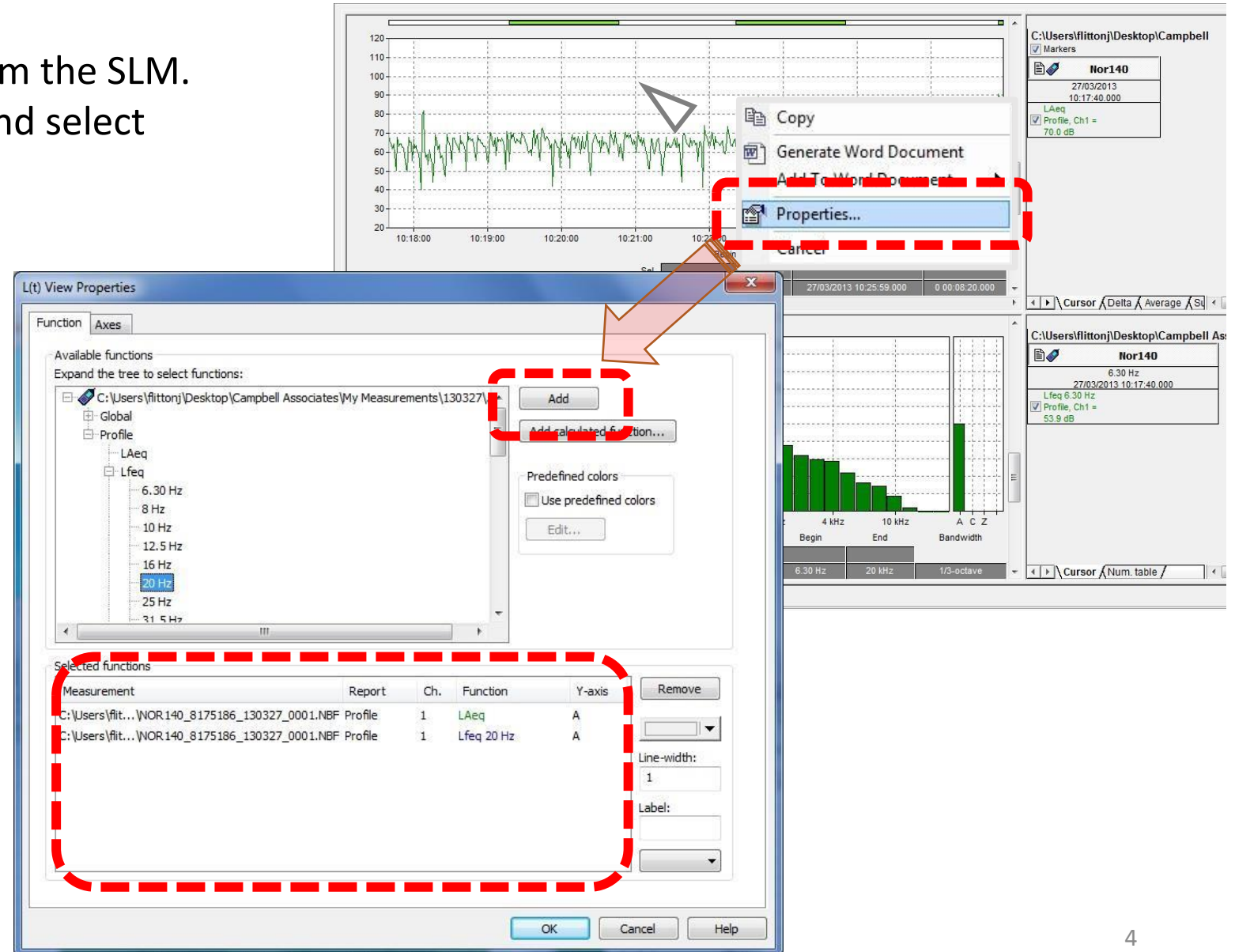Right-click in the Lt window and select
Properties…

In the View Properties
Select
☐ + Profile
☐ + Lfeq
☐ + 20Hz

Press the **Add** button

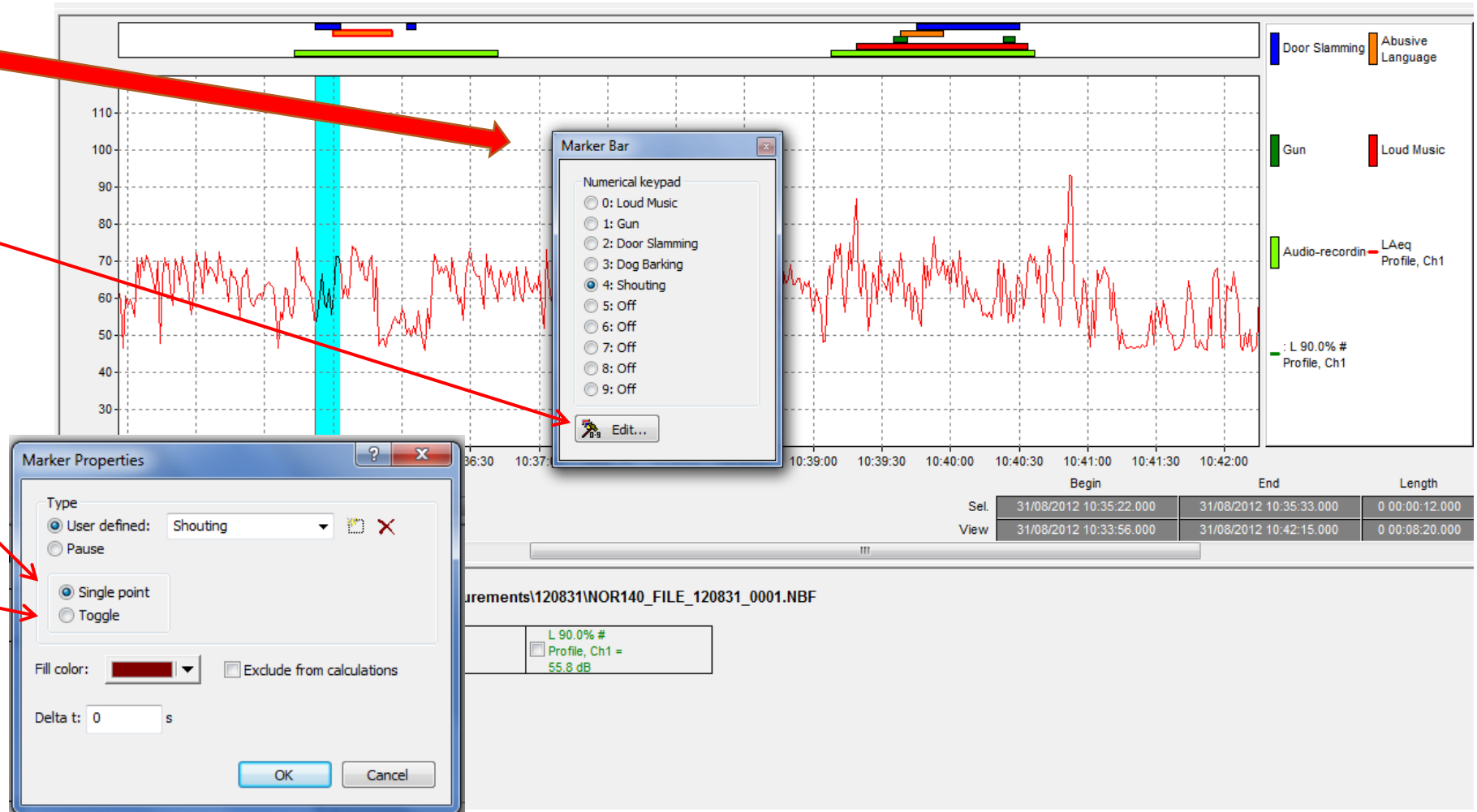Hit **OK** and the level will
Be displayed.

Marker Bar allows you to use the keyboard numbers 0-9 to assign the markers as you listen back to the recordings. This is found in the Marker Menu under Marker Bar.

Marker Bar Panel

- Select the marker to edit
- Click on the edit Button

Select 'single point' marker and pressing the number on the keyboard will put a one-off marker on the graph.

The toggle marker is used to press once to start the marker and press again to finish it.

Right-click in the Lt menu and select 'Properties'. Then click on 'Add Calculated Function'.
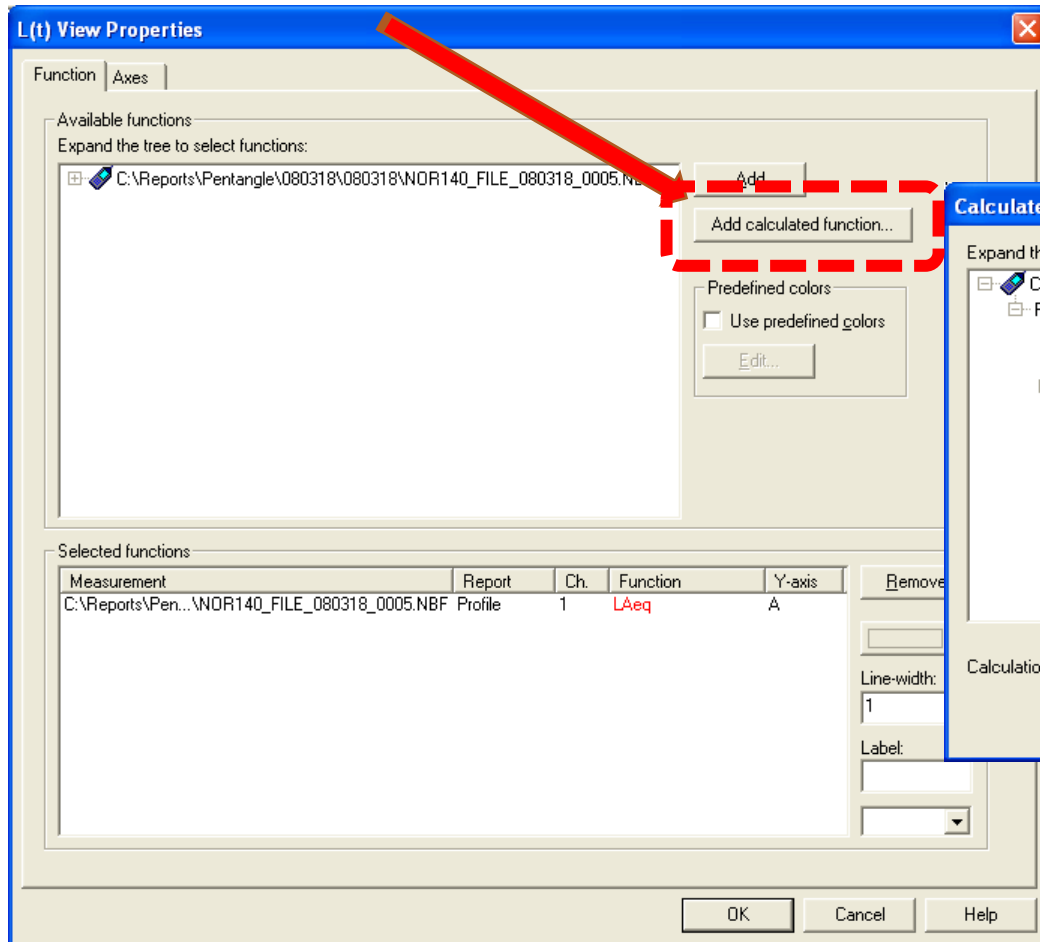
Select Percentile and type in the percentile tat you want displayed (i.e 90, 10 etc)
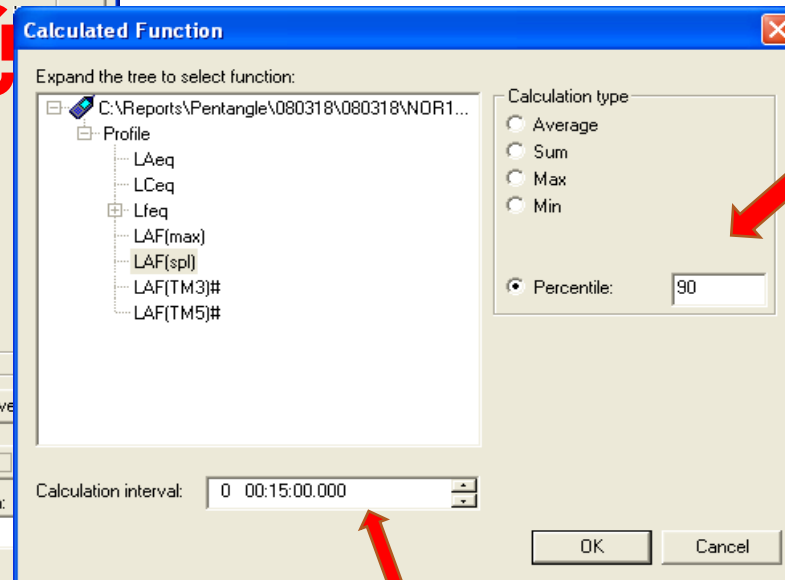
Select the time period for the plot.
This should really be no smaller than 30s to get and accurate plot of the L90

Select Calculations from top menu and click Calculations again.

Calculations - Functions Window

This window allows you to select from what the meter has measured. The profile data is the information measured according to the resolution of the meter (usually 1 second). This should be used for most calculations. The Global data is the overall figures for the entire measurement and will be a single figure.
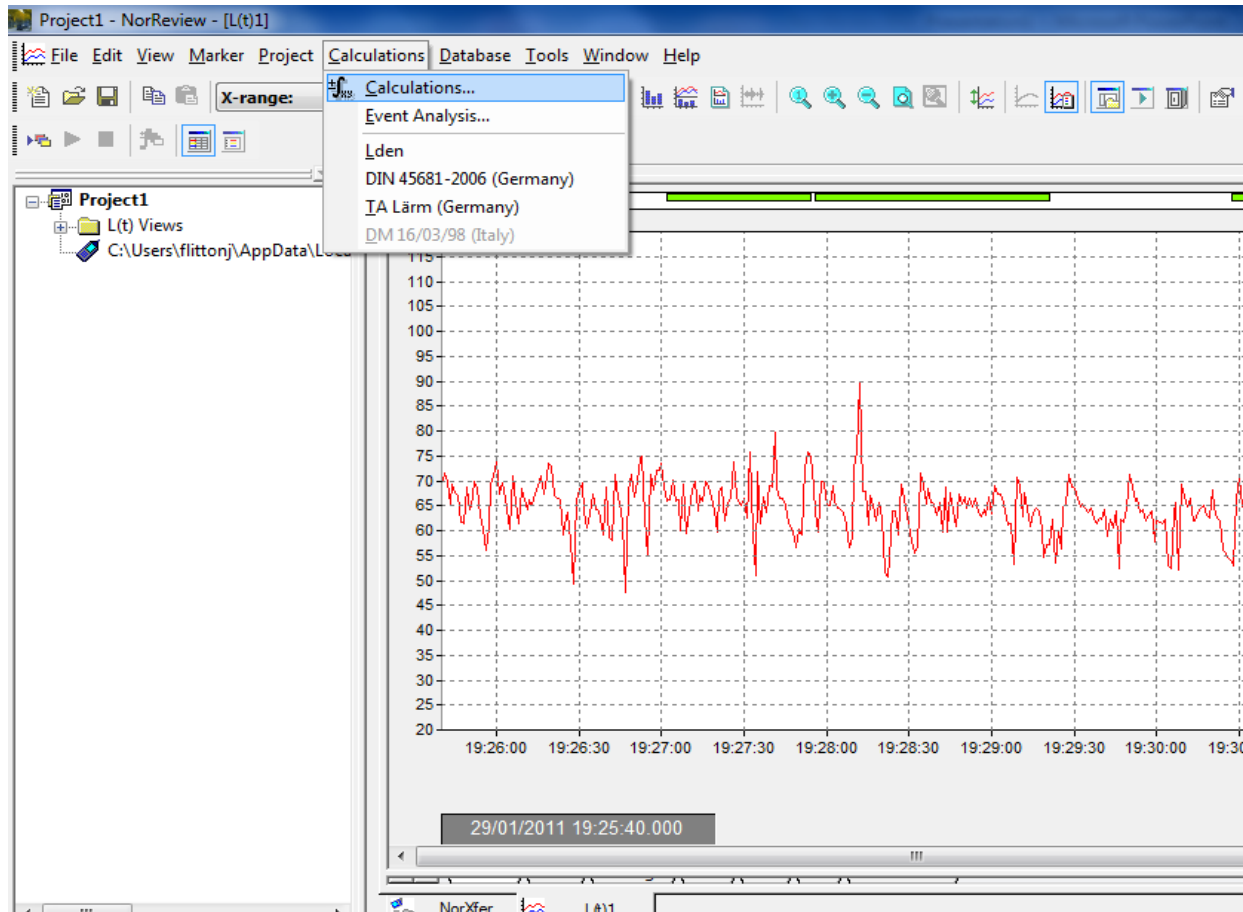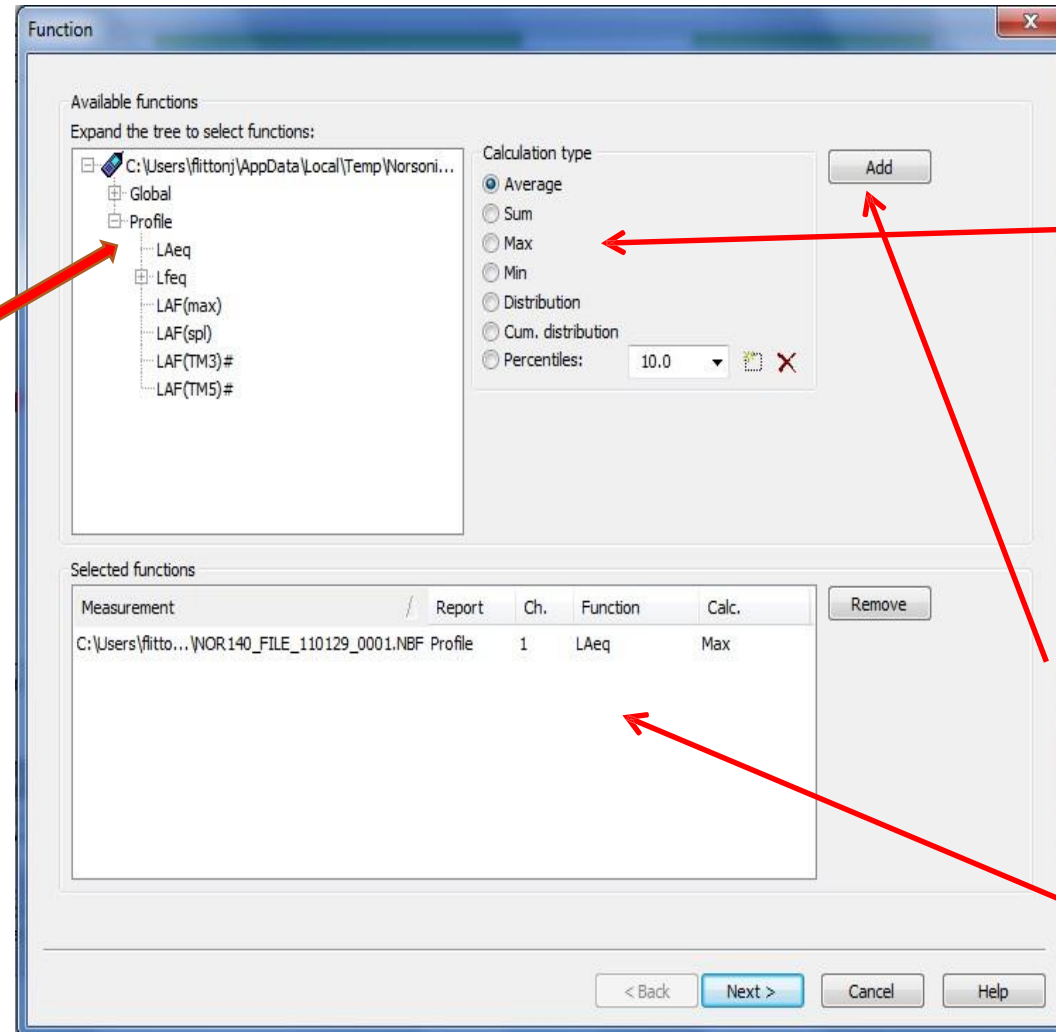

The calculation type allows you to select the type of calculation that you want to perform on the data selected in the left window. For example select LA_{eq} in the profile section on the left and then click percentiles as the calculation type to get a LA_{90} (make sure you have added the percentiles you want in the Tool – Options – Percentiles menu).

Once you have decided on your calculation click the 'Add' button and it will appear in the bottom window.

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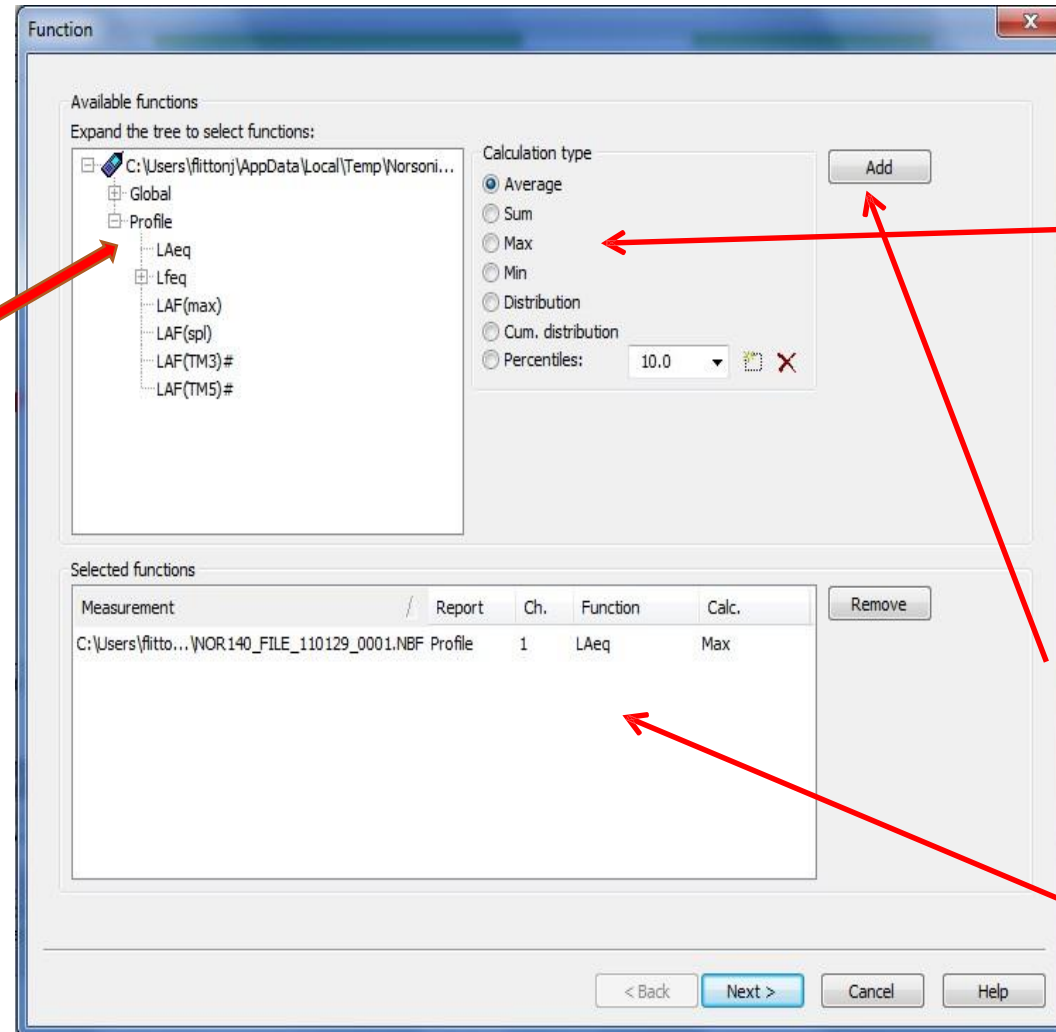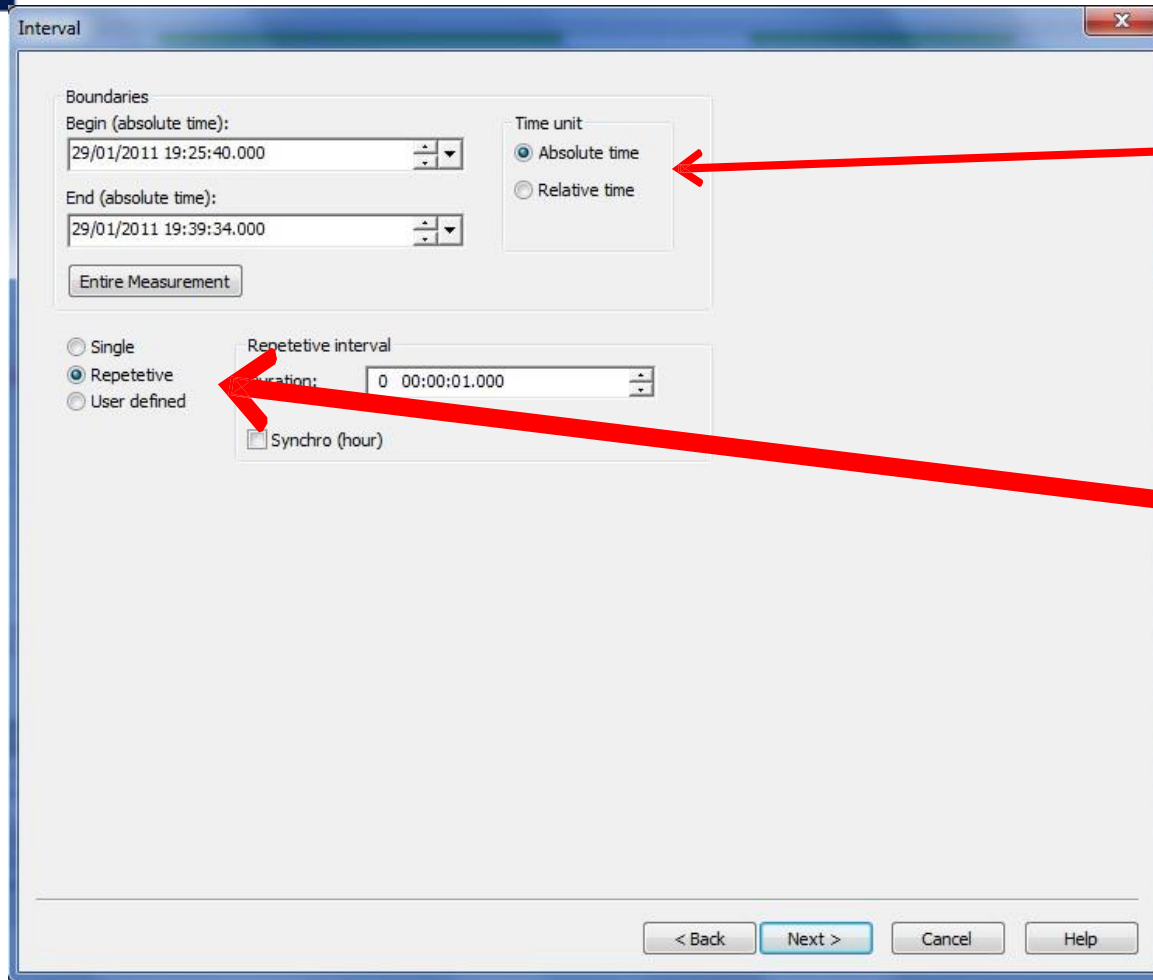
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Calculations - Intervals

Absolute time shows the clock time. Relative time shows the measurement elapsed time.

Use 'Single' for a single, overall calculation value. If you want to set your own periods (such as for a $LA_{eq15mins}$ then use 'Repetitive' and set the time duration. This is in Days, Hours, Minutes, Seconds. The 'User Defined' options allows you to specify a particular period. This can be used if you want the values for just one of the days etc.
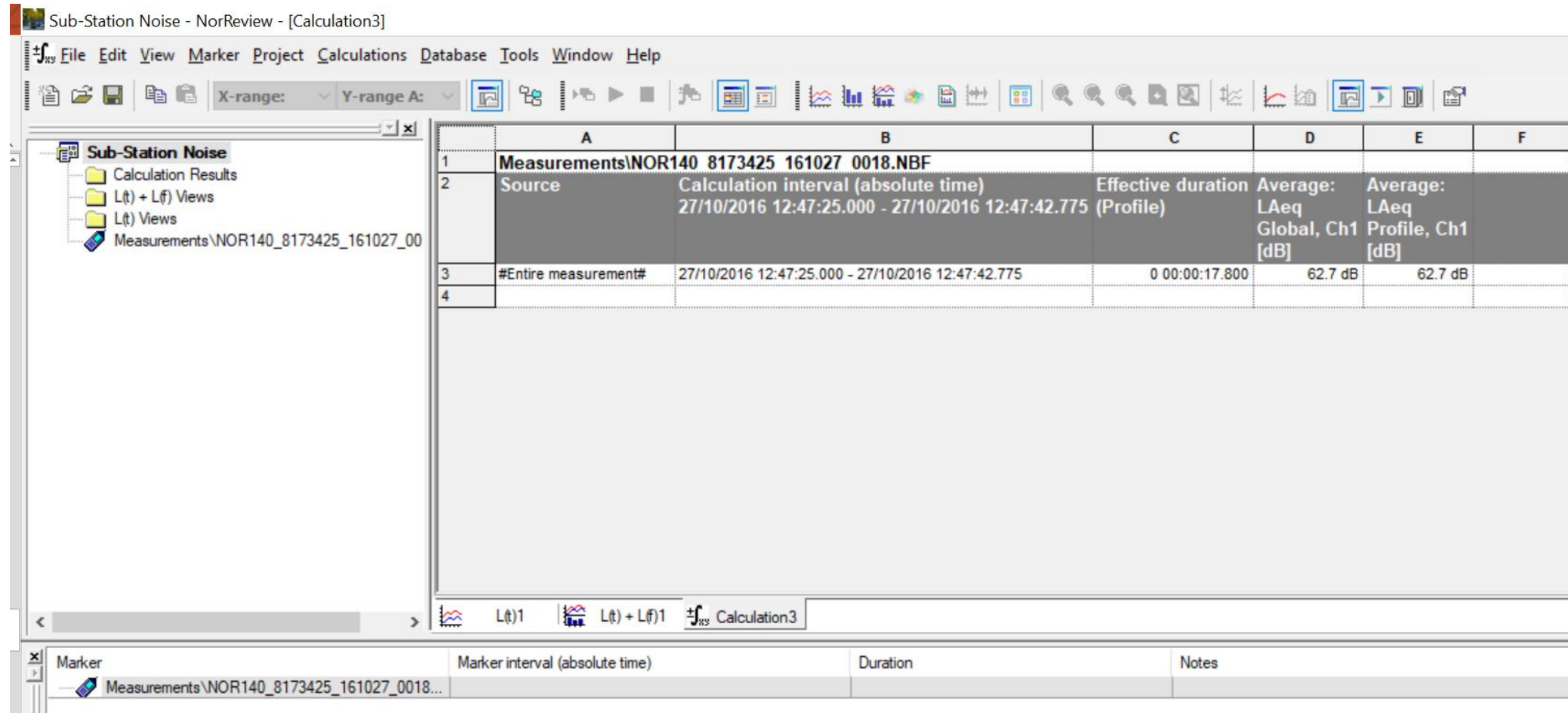
Use the left and right arrows to add or remove from selected sources box.
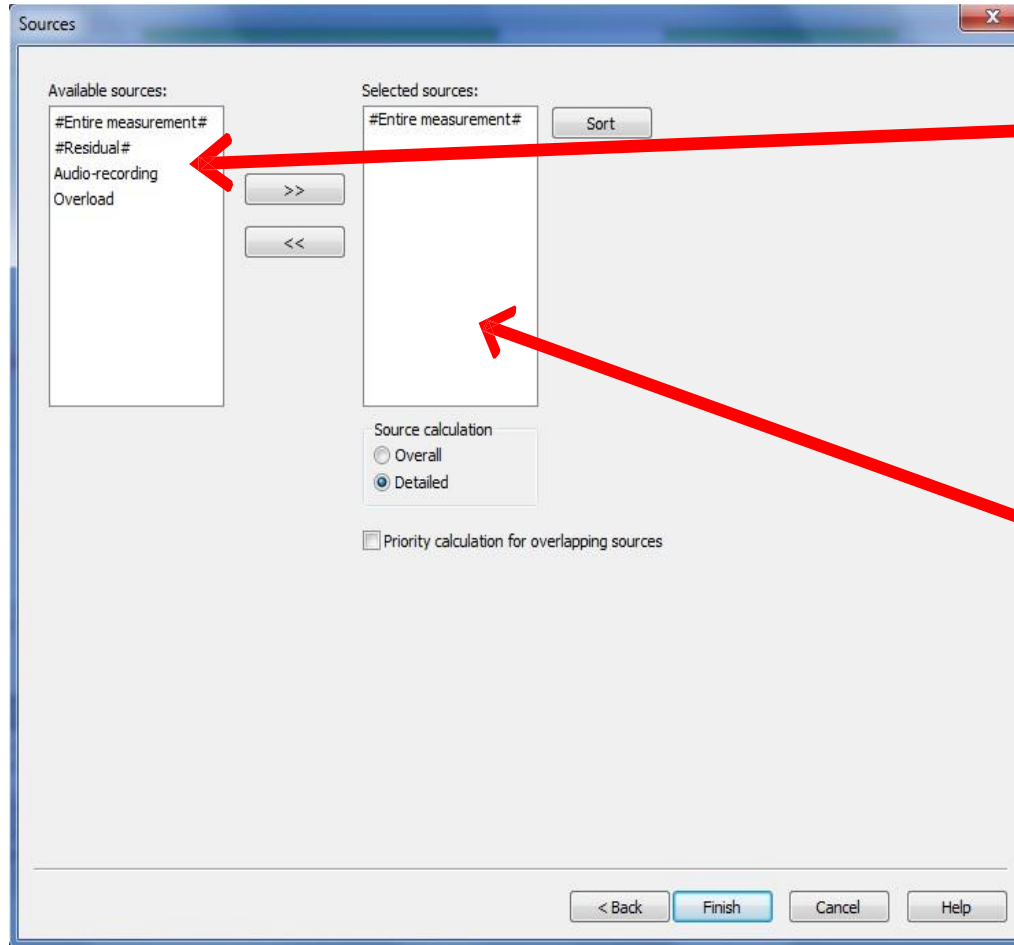
The left box shows what is available in the project to use for calculations. This will include any markers you have added. The residual function is used if you want to calculate what the noise levels would be if you removed the markers you have s elected.

The right-hand column is the ' selected sources'. This will be what is used to produce the calculation values.

Calculations - Results

The table shows the final calculated results