

EMD Post Analyzer Octave Analysis

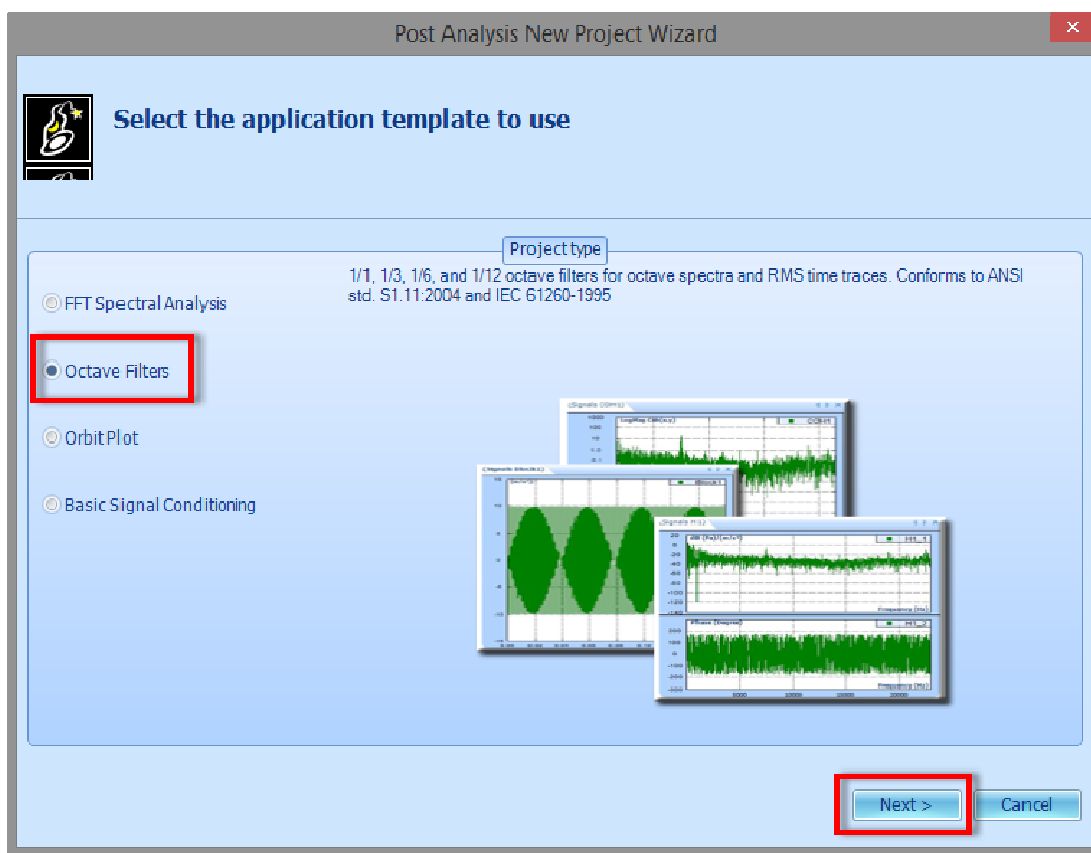
EDM Post Analyzer Octave Filters allow for 1/1, 1/3, 1/6 and 1/12 octave filters for Octave Spectra and RMS time traces. The Post Analyzer conforms to ANSI std. S1.11:2004 and IEC 61260-1995 standards.

Step by Step tutorial

Open EDM Post analyzer and open a **New Project**

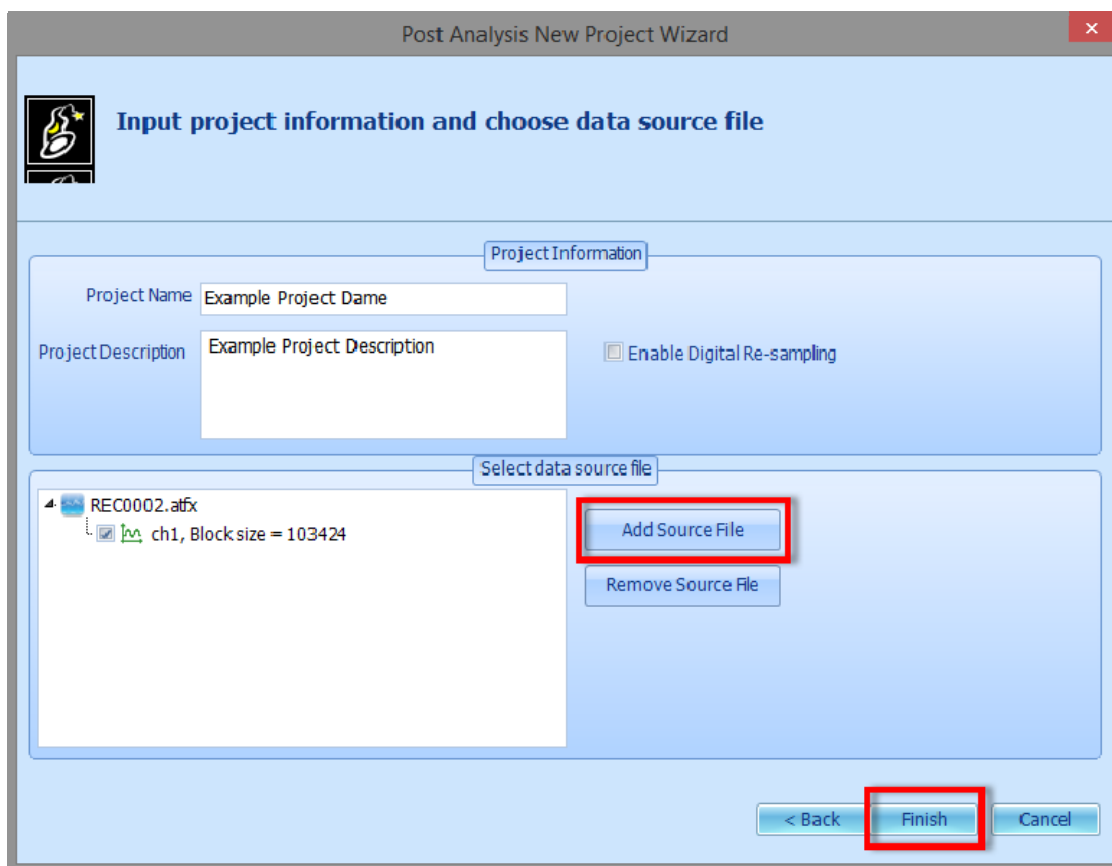


This will open the Post Analyzer New Project Wizard, Select **Octave Filters** and **Next**

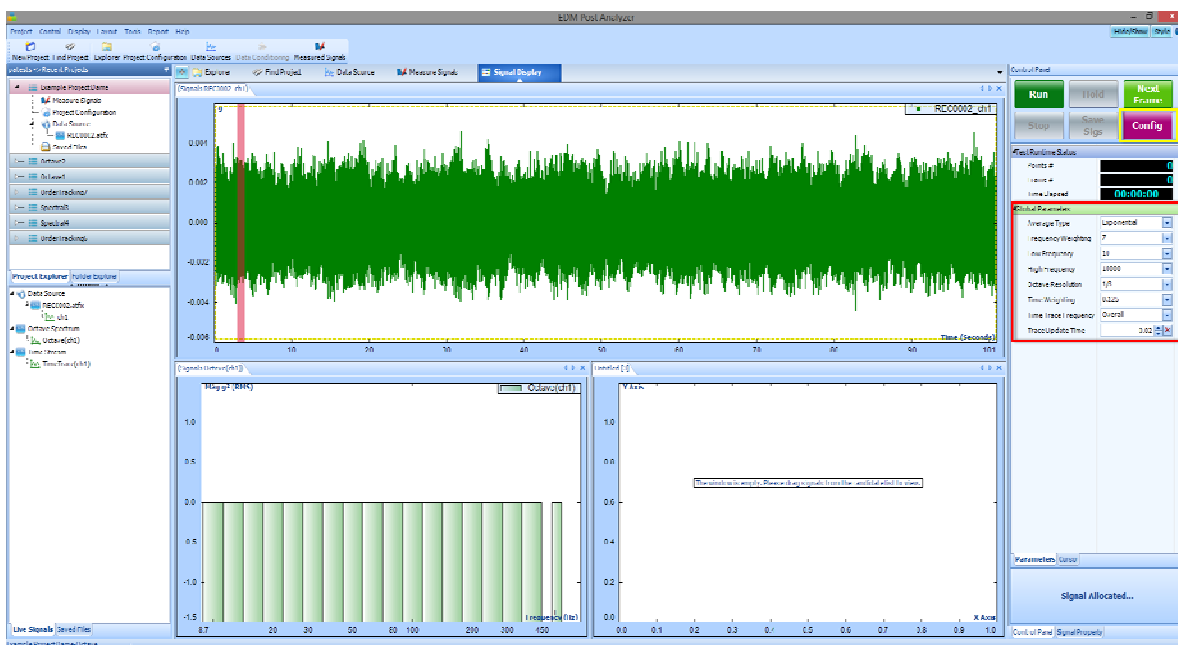


Post Analyzer uses data in .atfx format, if the data is not in .atfx format EDM file converter software can be used to convert the data into the correct format.

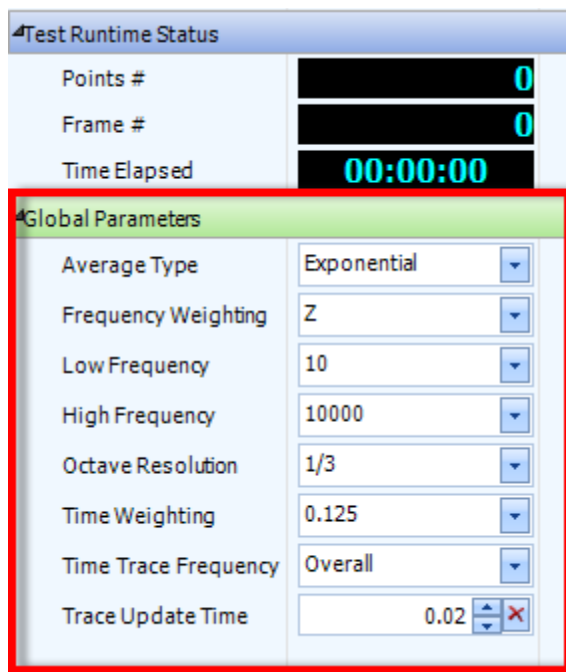
Select the **Add Source File** and locate the file of interest from the PC file directory, select **Finish**.



Post Analyzer will then import the desired file and open into the main analysis page.



All analysis parameters can be set from the main page under **Global Parameters**



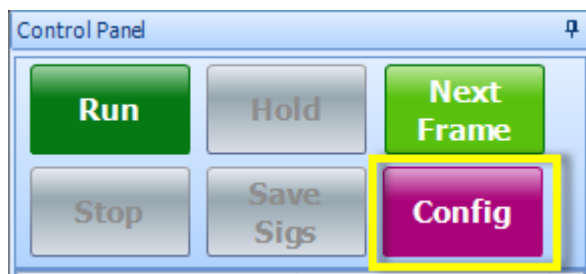
Test Runtime Status

Points #	0
Frame #	0
Time Elapsed	00:00:00

Global Parameters

Average Type	Exponential
Frequency Weighting	Z
Low Frequency	10
High Frequency	10000
Octave Resolution	1/3
Time Weighting	0.125
Time Trace Frequency	Overall
Trace Update Time	0.02

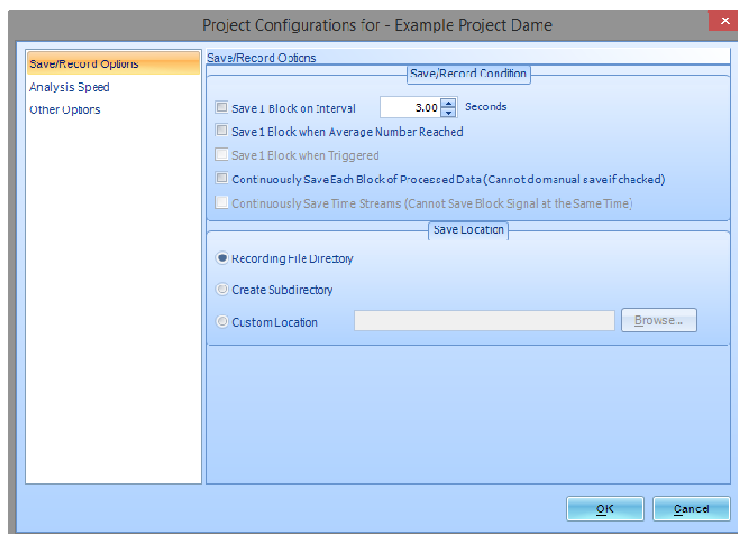
Project Configuration parameters can be configured by selecting the **Config button** in the control Panel



Control Panel

Run	Hold	Next Frame
Stop	Save Sigs	Config

The project configuration menu allows the user to set the analysis speed, Save/recording options and some other useful options that the user may need when doing multiple or large file analysis.



Project Configurations for - Example Project Dame

Save/Record Options

Analysis Speed

Other Options

Save/Record Options

Save/Record Condition

☒ Save 1 Block on Interval 3.00 Seconds

☐ Save 1 Block when Average Number Reached

☐ Save 1 Block when Triggered

☐ Continuously Save Each Block of Processed Data (Cannot do manual save if checked)

☐ Continuously Save Time Streams (Cannot Save Block Signal at the Same Time)

Save Location

☒ Recording File Directory

☐ Create Subdirectory

☐ Custom Location

Signals can be selected and deselected in the **Measured Signals Tab**



Display Name	Measure	Save List	Cache	Signal Name
Octave(ch1)	☒	☒	☒	Octave(REC0002_ch1)
TimeTrace(ch1)	☒	☒	☒	TimeTrace(REC0002_ch1)

To run the Analysis select the **Run button** in the Control Panel.

