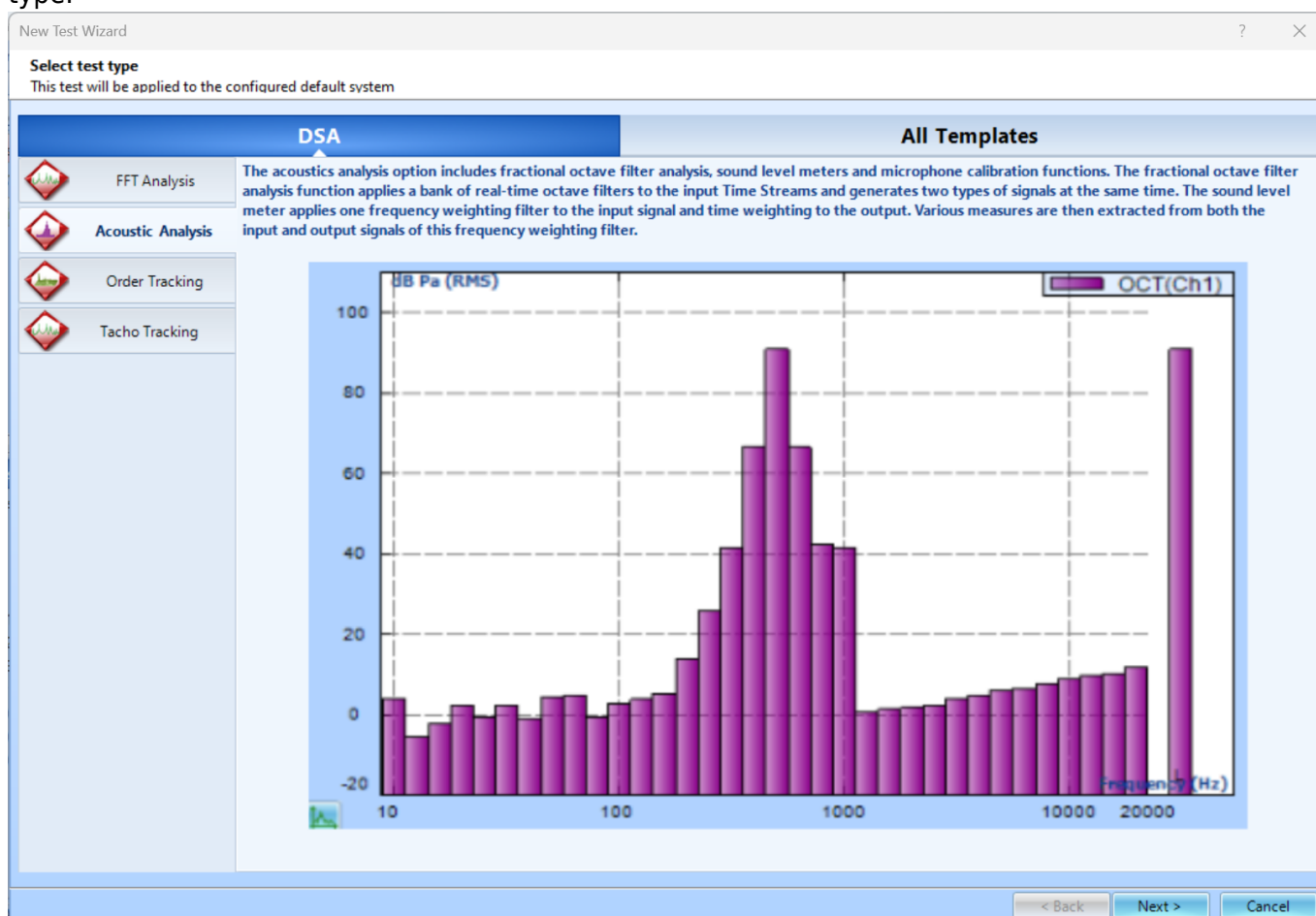


DSA Acoustic Analysis

Follow the guided steps below on how to set-up an Acoustic or Octave Analysis in EDM to use with Spider hardware.

Create Test

In EDM, select to create a new test. From the New Test Wizard, select the **Acoustic Analysis** test type.



Next, give the test a name and description.

?

×

New Test Wizard

Fill in the basic information for this test

Note: you will be able to search for this test by "Test name" or "Test description".

Create a new Acoustic Analysis test: **Acoustic**

Test name:

☐ Append the sequence number

Test description:

☒ Use the default libraries of the previous test of the same type. If default libraries were not applied before the manufacturing settings will be used.

☐ Create test by using a template.

Select	Template Name	Description

Spider system:

Test directory:

Choose...

☒ Create new run folder for each run

< Back

Next >

Cancel

Finally, select the signal types that are wanted. The options include Auto Power Spectra (APS), Tachometer (TACHO), Octave Analysis (OCT), and Sound Level Meter (SLM). You are **unable** to add more signal types to be computed once the test is created. Press **Finish** to create the test.

New Test Wizard ? X

Please check the signal types to be computed in real time.
Note: Go to Measured Signals setting to select the signals to be viewed or saved.

☒ Time Streams and Time Block signals are always available
☒ APS: Auto Power Spectra using FFT
☐ TACHO: Tachometer
☐ SLM: Sound Level Meter measurement using real time digital filters
☒ OCT: Octave Analysis using real time digital filters

Select all

< Back Finish Cancel

Test Configuration

Input Channels

Run Test

From:

<https://help.go-ci.com/> - **Crystal Instruments Help**

Permanent link:

<https://help.go-ci.com/dsa:acoustic?rev=1716303292>

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