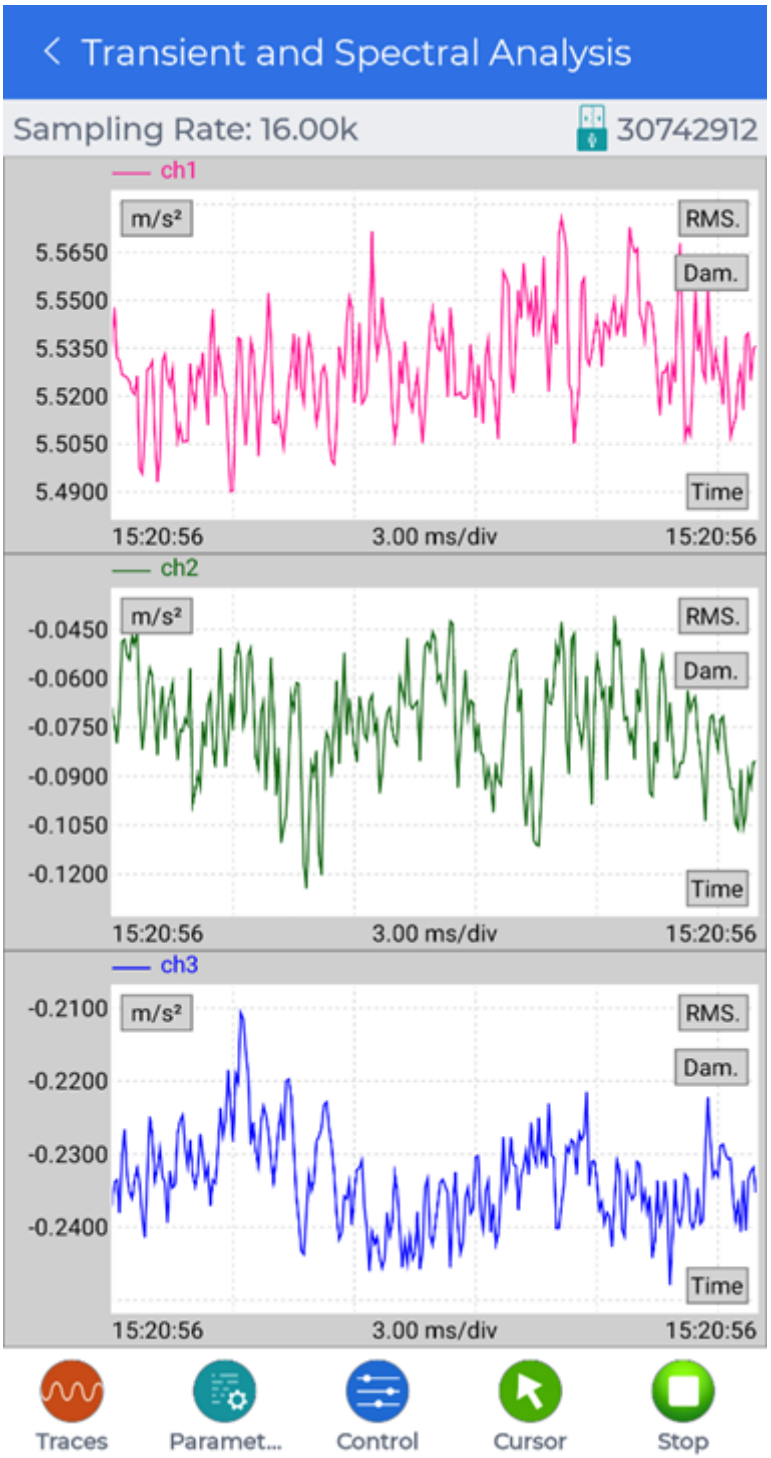
Spectral Analysis

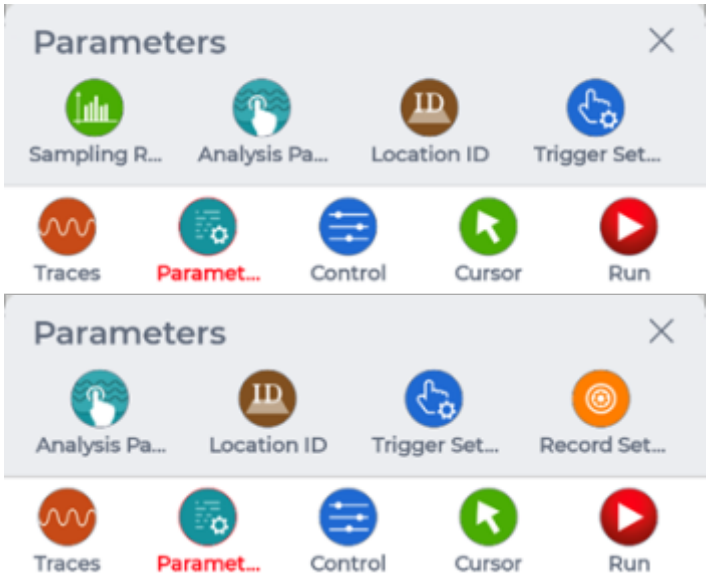
The **Spectral Analysis** page can be accessed by connecting to a Ruby via USB.



For more details on controlling the signal display traces, see Moving and Zooming around in the Signal Display Traces or Navigating Signal Display Controls.

Spectral Analysis Parameters

Tap the **Parameters** button to open a menu that contains additional buttons for editing the spectral analysis settings. Sliding left on the menu will reveal more buttons.



Sampling Rate

Change the sampling rate from 16.00kHz to 125.0Hz.

Analysis Parameters

Change various analysis parameters such as:

- Block size
- Average mode
- Average number
- Window type

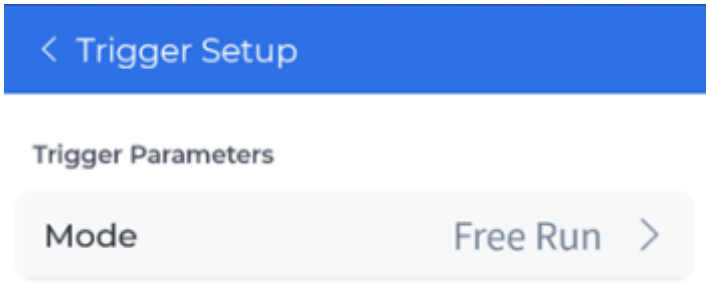
Location ID

Change the location ID of each channel.

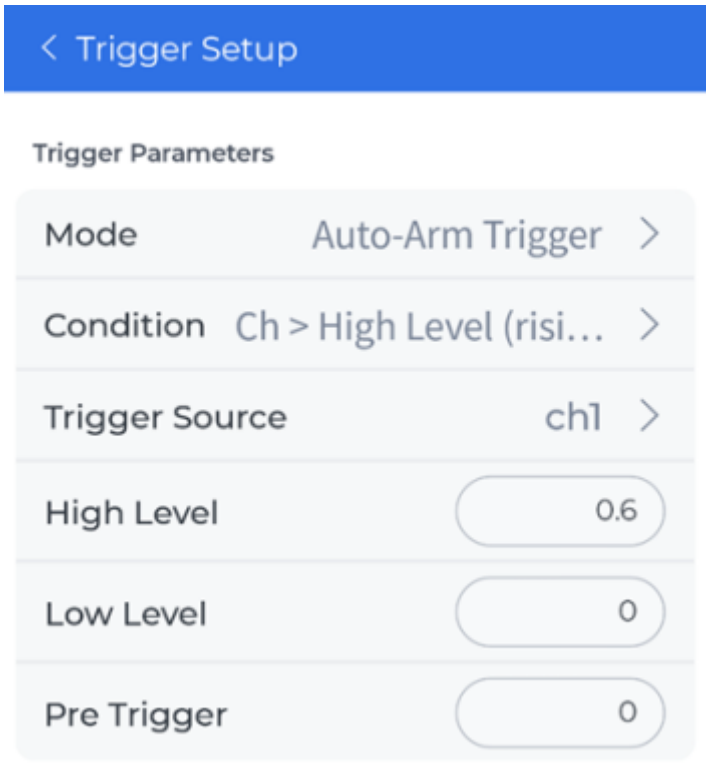
Trigger Setup

Change the trigger setup of the signal from:

- Free Run



- Auto-Arm Trigger



Record Setup

Change the signal recording of:

- Which channels to record
- How many points to record
    - Or how long of a duration to record for

Spectral Analysis Controls

Tap the Control button to open a menu that contains additional buttons for controlling the spectral analysis traces.

- Restart: restart the spectral analysis data acquisition.
- Record: record signal data from the connected Ruby according to the current spectral analysis settings that will be stored in the Ruby.